

Williams Communications

Japan Cable Landing Diverse Route

(Point Arena to Sacramento, California)

AFE 4875

Charles Seery, Project Manager
Gary Tabor, Project Construction Superintendent

Spread South 4B

August 2001

REDLINES

Volume 1 of 1

Williams Communications
Santa Rosa Construction Project Office
916 Shiloh Road, Building 1
Windsor, CA 95492
(707) 836-9414 FAX: (707) 836-9462

Spread South 3 (Cloverdale to Healdsburg) (NCRA) (Henkles & McCoy)
Sonoma County - Alignment Sheets 1 - 80

Item No	Alignment Sheet	From Station	To Station	GAPS (footage)	Crossing Identification	County
1.11	6	49+86	53+12	326	wetland (not DFG)	Sonoma (IRU)
1.11	21	231+35	234+05	270	D/R-Astl-5A	Sonoma (IRU)
1.11	73	851+69	854+34	265	D/R-Jimtown-2A	Sonoma (IRU)
1.11	78	911+52	916+86	534	D/R-Healdsburg-22B	Sonoma (IRU)
1.11	79	921+06	923+89	283	D/R-Healdsburg-21	Sonoma (IRU)
1.11	80	935+01	936+87	186	NWPRR (longitudinal) to West Grant St	Sonoma (IRU)
Duct - Total GAPS: (0.4 mi)				1,864		
DFG Crossings Remaining:				4		
Duct Total INSTALLED: (17.3 mi)				91,361	98% complete	
Length of spread by alignment sheets:				17.7 miles		

Spread South 4A (Healdsburg to Santa Rosa) (Tidwell)
Sonoma County - Alignment Sheets 81 - 195 and W1 - W38

Item No	Alignment Sheet	From Station	To Station	GAPS (footage)	Crossing Identification	County
2.11	81	00+00	07+00	700	West Grant St (longitudinal)	Sonoma (IRU)
2.11	98 - 101	104+43	121+00	1,657	Old Redwood Hwy (longitudinal) including Russian River bore	Sonoma (IRU)
2.11	W16 - W19	348+08	368+45	2,037	Town of Windsor (including DFG xings: D/R-Healdsburg-K+L)	Sonoma (IRU)
Duct - Total GAPS: (0.8 mi)				4,394		
DFG Crossings Remaining:				2		
Duct - Total INSTALLED: (18.2 mi)				100,043	97% complete	
Length of spread by alignment sheets:				19.8 miles		

Spread South 4B (Santa Rosa to Petaluma) (Tidwell)
Sonoma County - Alignment Sheets 196 - 273

Item No	Alignment Sheet	From Station	To Station	GAPS (footage)	Crossing Identification	County
1.11	218	1216+45	1218+60	215	D/R-Cotati-10A (Hinebaugh Creek)	Sonoma (IRU)
1.11	229	1357+90	1360+85	295	D/R-Cotati-8 (Lichau Creek)	Sonoma (IRU)
1.11	235	1423+50	1426+25	275	Old Adobe Road (longitudinal)	Sonoma (IRU)
1.11	240	1488+01	1490+20	219	D-Cotati-3	Sonoma (IRU)
1.11	246	1554+85	1559+38	453	Old Adobe Road (xing and longitudinal)	Sonoma (IRU)
1.11	247	1562+70	1573+90	1,120	D/R-Glen Ellen-13 (Lynch Creek)	Sonoma (IRU)
1.11	257	1691+38	1697+65	627	D/R-Glen Ellen-7 (Adobe Creek)	Sonoma (IRU)
1.11	273	1879+50	1881+00	150	Old Adobe Road (longitudinal)	Sonoma (IRU)
Duct - Total GAPS: (0.7 mi)				3,354		
DFG Crossings Remaining:				5		
Duct - Total INSTALLED: (16.7 mi)				88,346	97% complete	
Length of spread by alignment sheets:				17.4 miles		

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: JR Smits

Spread/Site Number: South 4B - 4875

Day: (Mo) Tu We Th Fr Sa Su Date: 12-04-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Sunny Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 3 Bore Rigs, 3 vac truck, 3 mud trucks, 3 Backhoes, Dump Truck

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tie In)	X		1.11	SALR-209-4	1111+80	1111+90	10'
[redacted]								

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 48 - 4875 | Day: Mo Tu We (Th) Fr Sa Su | Date: 11-30-00 | Contract No: 99P154.16

Hours Worked: 10 | Weather: Sunny | Temp: 50 | Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 4 Bore Units, 4 mud Trucks, 4 Vac Trucks, 2 Backhoes, Pump Truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
[redacted]								
[redacted]								
3.	Install HDPE (Conv. Bore)	X		1.11	SHCR 209-4	1111+90	1116+50	460'
4	Install HDPE (Conv. Bore	X		1.11	SHCR-209-20	1116+60	1121+30	470'
						MATCHLINE 1120+00		

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: JR Smits

Spread/Site Number: South 4B - 4875 Day: (Mo) Tu We Th Fr Sa Su Date: 12-04-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Sunny Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 3 Bore Rigs, 3 vac truck, 3 mud trucks, 3 Backhoes, Dump Truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
[redacted]								
[redacted]								
3	INSTALL HDPE (TIE IN)	X		1.11	SACR-205-4	1116+50	1116+60	10'
[redacted]								
[redacted]								
[redacted]								

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: JR Smits

Spread/Site Number: South 4B - 4875

Hours Worked: 12

Day: (Mo) Tu We Th Fr Sa Su Date: 12-04-00

Weather: Sunny Temp: 50

Contract No: 99P154.16

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 3 Bore Rigs, 3 vac Truck, 3 mud trucks, 3 Backhoes, Dump Truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
[redacted]								
2	Install HDPE (Tie In)	X		1.11	SACR-210-4	1121+30	1121+40	10'
[redacted]								

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Name: JR Jmits

Spread/Site Number: South 48-4875 Day: Mo Tu We Th Fr (Sa) Su Date: 12-02-00 Contract No: 99P154.16

Hours Worked: 10 Weather: Sunny Temp: 62 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 4 Bore units, 4 mud trucks, 4 vac trucks, 2 Backhoes, Dump Truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
[redacted]								
[redacted]								
3	InStall HDPE (Bore)	X		1.11	SACR 210-4	1121+40	1125+10	370'
	Slick Bore	X		3.21	SACR 210-4	1123+60	1124+40	80'
	(Pin Point Drilling)							
[redacted]								
[redacted]								

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B - 4875 Day: (Mo) Tu We Th Fr Sa Su Date: 12-04-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Sunny Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 3 Bore Rigs, 3 Vac Truck, 3 mud Trucks, 3 Backhoes, Dump Truck

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
[redacted]								
5	INSTALL HDPE (Conv. Bore)	X		1.11	SACR-210-4	1125+20	1129+70	450'
[redacted]								
7	INSTALL HDPE	X		1.11	SACR-210	1125+10	1125+20	10'
8	INSTALL HDPE	X		1.11	SACR-210	1129+70	1129+80	10'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B-4875 Day: Mo Tu We Th (Fr) Sa Su Date: 12-01-00 Contract No: 99P154.16

Hours Worked: 10 Weather: Sunny Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 4 Bore Rigs, 4 mud Trucks, 4 Vac Trucks, 2 Backhoes, Dump Truck

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
[redacted]								
[redacted]	Slick Bore	X						
[redacted]	[redacted]							
3	Install HDPE (Bore)	X		1.11	SHCR 210 211-4	1129+80	1134+40	460'
4	Slick Bore	X		3.21	SHCR 210 211-4	1132+65	1133+35	70'
[redacted]								

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Williams COMMUNICATIONS

Inspector Daily Report

Name: JR Smits

Spread/Site Number: South 4B-4875 Day: Mo Tu We Th Fr (Sa) Su Date: 12-02-00 Contract No: 99P154.16

Hours Worked: 10 Weather: Sunny Temp: 62 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 4 Bore units, 4 mud trucks, 4 vac trucks, 2 Backhoes, Dump Truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Conv. Bore)	X		1.11	SACR 211-4	1134+45	1139+40	495'
2	Install HDPE (Conv. Bore)	X		1.11	SACR 211-4	1139+45	1144+10	465'
[redacted]		[redacted]		[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
	[redacted]							
[redacted]		[redacted]		[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6	INSTALL HDPE	X		1.11	SACR-211-4	1139+40	1139+45	5'
7	INSTALL HDPE	X		1.11	SACR-211-4	1144+10	1144+30	20'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24 ADM 1005 REV 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: JR Smits

Spread/Site Number: South 4B - 4875

Day: (Mo) Tu We Th Fr Sa Su Date: 12-04-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Sunny Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 3 Bore Rigs, 3 vac truck, 3 mud trucks, 3 Backhoes, Dump Truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
[redacted]								
[redacted]								
[redacted]								
4	Install HDPE (Conv. Bore)	X		1.11	SHCR - 212-4	1144+30	1149+40	510'
[redacted]								
[redacted]								

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 48-4875 Day: Mo (Tu) We Th Fr Sa Su Date: 12-05-00 Contract No: 998154-16

Hours Worked: 12 Weather: Sunny Temp: 60 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 5 Bore units, 5 mud Trucks, 5 Vac Trucks, 3 Backhoes, Dump Truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (conv. Bore)	X		1.11	SACR 212-4	1149+45	1154+05	460'
[redacted]								
4	INSTALL HDPE	X		1.11	SACR-212	1149+40	1149+45	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B - 4875

Day: Mo Tu We Th Fr Sa Su

Date: 12-04-00

Contract No: 99P154.16

Hours Worked: 12

Weather: Sunny

Temp: 50

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 3 Bore Rigs, 3 Vac Truck, 3 mud Trucks, 3 Backhoes, Dump Truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Tie In)~~	~~X~~		~~1.11~~	~~SACR 209-4~~	~~1111+80~~	~~1111+90~~	~~10'~~
~~2~~	~~Install HDPE (Tie In)~~	~~X~~		~~1.11~~	~~SACR 210-4~~	~~1121+30~~	~~1121+40~~	~~10'~~
~~3~~	~~Install HDPE (Tie In)~~	~~X~~		~~1.11~~	~~SACR 209-4~~	~~1118+50~~	~~1118+60~~	~~10'~~
~~4~~	~~Install HDPE (Conv. Bore)~~	~~X~~		~~1.11~~	~~SACR 212-4~~	~~1149+50~~	~~1149+40~~	~~510'~~
~~5~~	~~Install HDPE (Conv. Bore)~~	~~X~~		~~1.11~~	~~SACR 210-4~~	~~1105+80~~	~~1109+70~~	~~450'~~
6	Install HDPE (Conv. Bore)	X		1.11	SACR 212-213-4	1154+10	1159+30	520'
	Pin Point Drilling							

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: JR Smits

Spread/Site Number: South 48-4875 Day: Mo Tu We Th Fr Sa Su Date: 12-05-00 Contract No: 998154-16

Hours Worked: 12 Weather: Sunny Temp: 60 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 5 Bore units, 5 mud Trucks, 5 vac Trucks, 3 Backhoes, Dump Truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Bore)~~	~~X~~		~~1.11~~	~~SACR 213-4~~	~~1159+45~~	~~1159+85~~	~~40'~~
2	Install HDPE (Bore)	X		1.11	SACR-213-4	1159+35	1163+70	435'
~~3~~	~~Slick Bore~~	~~X~~		~~3.21~~	~~SACR-213-4~~	~~1161+50~~	~~1163+70~~	~~220'~~
3	Slick Bore	X		3.21	SACR-213-4	1161+50	1163+70	220
4	INSTALL HDPE	X		1.11	SACR-213	1159+30	1159+35	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B - 4875 Day: (Mo) Tu We Th Fr Sa Su Date: 12-11-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Fair Temp: 42 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 7 Bore Riggs, 7 mud Trucks, 7 vac Trucks, 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~INSTALL HDPE (TIE IN)~~	~~X~~		~~1.11~~	~~SHEET 214~~	~~1173+80~~	~~1173+90~~	~~10'~~
~~2~~	~~INSTALL HDPE (TIE IN)~~	~~X~~		~~1.11~~	~~SHEET 214~~	~~1168+85~~	~~1168+90~~	~~5'~~
3	INSTALL HDPE (TIE IN)	X		1.11	SHEET 213	1163+70	1163+80	10'
~~4~~	~~INSTALL HDPE~~	~~X~~		~~3.11~~	~~SHEET 213~~	~~1163+75~~		~~5'~~
~~5~~	~~INSTALL HDPE~~	~~X~~		~~1.11~~	~~SHEET 214~~	~~1337+40~~	~~1343+17~~	~~477'~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Page 1 of 1

Williams COMMUNICATIONS

Name: JR Smits

Spread/Site Number: South 4B - 4875 Day: Mo Tu We Th (Fr) Sa Su Date: 12-08-00 Contract No: 99P154-16

Hours Worked: 12 Weather: Sunny Temp: 55 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 7 Bore Rigs, 7 mud Trucks, 7 vac Trucks, 3 Backhoes, 1 Bump Truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE	X		1.11	SACR 213, 214	1163+80	1168+85	505'
2	Slick Bore	X		3.21	SACR 213 214	1163+80	1165+95	215'
	(Pin Point)							
~~3~~	~~Install HDPE~~	~~X~~		~~1.11~~	~~SACR 216~~	~~1197+60~~	~~1202+40~~	~~480~~
~~4~~	~~Slick Bore~~	~~X~~		~~3.21~~	~~SACR 216~~	~~1200+66~~	~~1201+17~~	~~51~~
	~~(Walmsley)~~							
~~5~~	~~Install HDPE~~	~~X~~		~~1.11~~	~~SACR 210'~~	~~1218+80~~	~~1223+80~~	~~480~~
	~~(MGE)~~							
~~6~~	~~Install HDPE~~	~~X~~		~~1.11~~	~~SACR 213~~	~~1193+80~~	~~1199+50~~	~~570~~
~~7~~	~~Install HDPE~~	~~X~~		~~1.11~~	~~SACR 220~~	~~1210+70~~	~~1215+70~~	~~490'~~
	~~(Fuller)~~							

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B - 4875 Day: (Mo) Tu We Th Fr Sa Su Date: 12-11-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Fair Temp: 42 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 7 Bore Riggs, 7 mud Trucks, 7 vac Trucks, 3 backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~INSTALL HDD (FIBER)~~	~~X~~		~~3.41~~	~~SHT 214~~	~~1173+80~~	~~1173+90~~	~~10'~~
~~2~~	~~INSTALL HDD (FIBER)~~	~~XX~~		~~3.41~~	~~SHT 214~~	1168+85	1168+90	5'
~~3~~	~~INSTALL HDD (FIBER)~~	~~X~~		~~3.41~~	~~SHT 213~~	~~1163+70~~	~~1163+80~~	~~10'~~
4	Install Hand Hole	X		3.41	SHT 217	@ 1163+75		1
~~5~~	~~INSTALL HDD~~	~~X~~		~~3.41~~	~~SHT 217~~	~~1237+40~~	~~1242+17~~	~~477'~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: JR Smits

Spread/Site Number: South 48 -4875 Day: Mo Tu (We) Th Fr Sa Su Date: 12-06-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Sunny Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 4 Bore Rigs, 4 vac Trucks, 4 mud Trucks, 2 Backhoes, 1 Pump Truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Conv. Bor.)	X		1.11	SACR 214-4	1168 +90	1173 +80	490'
~~2~~	~~Install HDPE (Conv. Bor.)~~	~~X~~		~~1.11~~	~~SACR 214-4~~	~~1184+10~~	~~1189+05~~	~~495'~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B - 4875 Day: (Mo) Tu. We Th Fr Sa Su Date: 12-11-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Fair Temp: 42 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 7 Bore Riggs, 7 mud Trucks, 7 vac Trucks, 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tie In)	X		1.11	SACR 214	1173+80	1173+90	10'
~~2~~	~~Install HDPE (Tie In)~~	~~X~~		~~1.11~~	~~SACR 214~~	~~1168+85~~	~~1168+90~~	~~5'~~
~~3~~	~~Install HDPE (Tie In)~~	~~X~~		~~1.11~~	~~SACR 215~~	~~1163+70~~	~~1163+80~~	~~10'~~
~~4~~	~~Install Hand Hole~~	~~X~~		~~5.11~~	~~SACR 217~~	~~1163+75~~		1
~~5~~	~~Install HDPE~~	~~X~~		~~1.11~~	~~SACR 219 220~~	~~1257+70~~	~~1272+17~~	~~477'~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Form 24-ADM-1005 REV. 10/98

Inspector Daily Report

Page 1 of 1

Name: JR Smith

Spread/Site Number: South 48 - 4875

Day: Mo Tu We (Th) Fr Sa Su Date: 12-07-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Sunny Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 7 Bore Rigs, 7 Mud Trucks, 7 Vac Trucks 3 Backhoes, 1 Dump Truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Conv. Bore)~~	~~X~~		~~1.11~~	~~SACR 214-4~~	~~1178+10~~	~~1173+10~~	~~460'~~
~~2~~	~~Install HDPE (Conv. Bore)~~	~~X~~		~~1.11~~	~~SACR 214-4~~	1289+90	1293+10	~~400'~~
3.	Install HDPE (Conv. Bore)	X		1.11	SACR 214-4	1173+90	1177+10	320'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B/4875 Day: Mo (Tu) We Th Fr Sa Su Date: 3-13-01 Contract No: 99P154.16

Hours Worked: 10 Weather: Clear Temp: 60 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 1 Bore Rig, 1 mud truck, 1 vac truck, 1 Reel truck, 2 Backhoes.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11	Sacs-214,215	1177+35	1181+60	425' ✓
2	Install HDPE (Slick Bore)	X		3.21	Sacs-214,215	1177+35	1181+60	425' ✓

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Form 24 ADM 1005 REV 10/99

Inspector Daily Report

Page 1 of ____

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B 4875

Day: Mo Tu (We) Th Fr Sa Su Date: 1-31-01

Contract No: 99P154616

Hours Worked: 10

Weather: Sunny Temp: 58°

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 4 Bore Rigs, 4 mud trucks, 5 vac trucks, 1 Reel truck, 3 Backhoes.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11	SALS-215-4	1181+90	1184+05	215' ✓
2	Install HDPE (Slick Bore)	X		3.21	SALS-215-4	1182+94	1183+69	75' ✓
~~3~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~SALS-263-4~~	~~1158+16~~	~~1162+95~~	~~485'~~ ✓
~~4~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~SALS-263-4~~	~~1158+28~~	~~1159+40~~	~~12'~~ ✓
~~5~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~SALS-263-4~~	~~1160+87~~	~~1160+99~~	~~12'~~ ✓
~~6~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~SALS-256-4~~	~~1681+16~~	~~1682+96~~	~~180'~~ ✓
7	INSTALL HDPE	X		1.11	SALR-215-4	1184+05	1184+10	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

TOTALS: 1.11 880

3.21 99

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 48 - 4875

Day: Mo Tu (We) Th Fr Sa Su Date: 12-06-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Sunny Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 4 Bore Rigs, 4 vac Trucks, 4 mud Trucks, 2 Backhoes, 1 Dump Truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Conv. Bore)~~	~~X~~		~~1.11~~	~~SHEET 214-4~~	~~1168+90~~	~~1173+80~~	~~490~~
2	Install HDPE (Conv. Bore)	X		1.11	SHEET 215-4	1184+10	1189+05	495'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Form 71 ADM 1005 REV 10-98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: JR Smith

Spread/Site Number: South 4B - 4875

Day: Mo Tu We (Th) Fr Sa Su Date: 12-07-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Sunny Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 7 Bore Rigs, 7 mud Trucks, 7 vac Trucks 3 Backhoes, 1 Pump Truck

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Conv. Bore)	X		1.11 P	SACR 215-216-4	1189+10	1193+70	460'
~~2~~	~~Install HDPE (Conv. Bore)~~	~~X~~		~~1.11 P~~	~~SACR 214-4~~	~~1193+70~~	~~1197+70~~	~~480'~~
~~3~~	~~Install HDPE (Conv. Bore)~~	~~X~~		~~1.11~~	~~SACR 214-4~~	~~1193+70~~	~~1197+70~~	~~320'~~
4	INSTALL HDPE	X		1.11	SACR-215-4	1189+05	1189+10	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B - 4875

Day: Mo Tu We Th (Fr) Sa Su

Date: 12-08-00

Contract No: 99P154.16

Hours Worked: 12

Weather: Sunny

Temp: 55

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 7 Bore Rigs, 7 mud trucks, 7 vac trucks, 3 Backhoes, 1 Bump truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE~~	~~X~~		~~1.11~~	~~SACR [illegible]~~	~~1163+80~~	~~1168+85~~	~~505'~~
~~2~~	~~Slick Bore~~	~~X~~		~~3.21~~	~~SACR [illegible]~~	~~1163+80~~	~~1165+95~~	~~215'~~
	~~(TIN POINT)~~							
3	Install HDPE	X		1.11	SACR 216	1197+60	1202+40	480'
4	Slick Bore	X		3.21	SACR 216	1200+66	1201+17	51'
	(WAMSLEY)							
~~5~~	~~Install HDPE~~	~~X~~		~~1.11~~	~~SACR 216~~ 218'	~~1218+60~~	~~1223+20~~	~~460'~~
	~~(MGE)~~							
6	Install HDPE	X		1.11	SACR 216	1193+80	1197+50	370'
~~7~~	~~Install HDPE~~	~~X~~		~~1.11~~	~~SACR 220~~	~~1240+20~~	~~1247+10~~	~~770'~~
	~~(Tidwell)~~							
8	INSTALL HDPE	X		1.11	SACR-216-4	1193+70	1193+80	10'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincraugh
Spread/Site Number: South 4B/4875
Hours Worked: 10

Day: (Mo) Tu We Th Fr Sa Su
Weather: Rain

Date: 2-12-01
Temp: 42°

Contract No: 99P154616
Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): _____

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11	Sacr-216, 217	1202+45	1207+55	510' ✓
2	Install HDPE (Slick Bore)	X		3.21	Sacr-216, 217	1204+00	1204+45	45' ✓
~~3~~	~~Install HDPE (Trench)~~	~~X~~		~~1.11~~	~~Sacr-223-4~~	~~1280+45~~	~~1281+50~~	~~105'~~ ✓
4	INSTALL HDPE			1.11	SACR-216-4	1202+48	1202+45	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

TOTAL 1.11 615
3.21 45

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS: _____

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Distribution: Original Spread Supervisor Yellow Contractor Pink Inspector

Form 24 ADM 1005 REV 10/98

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu (We) Th Fr Sa Su Date: 12-27-00

Contract No: 99P154.16

Hours Worked: 12

Weather: Sunny Temp: 53

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 5 Bore Rigs, 5 mud trucks, 5 Vac Trucks, 3 Reel trucks, 3 Backhoes, 1 Dumptruck

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	Install HDPE (Tidwell)	X		1.11	Sacr - 217 - 4	1207+60	1212+30	470'
8	INSTALL HDPE	X		1.11	SACR - 217 - 4	1207+55	1207+60	5'
9	INSTALL HDPE	X		1.11	SACR - 217 - 4	1212+30	1212+40	10'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu We Th (Fr) Sa Su Date: 12-22-00

Contract No: 99P154.16

Hours Worked: 10

Weather: Clear Temp: 54

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 4 Bore Rigs, 4 mudtrucks, 4 vac trucks, 2 Reel trucks, 3 Backhoes, 1 Dumptruck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~Sour-217,218~~	~~1212+40~~	~~1216+45~~	~~405'~~
~~2~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sour-217,218~~	~~1212+53~~	~~1213+75~~	~~22'~~
~~3~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sour-217,218~~	~~1213+14~~	~~1213+62~~	~~18'~~
4	Install HDPE (Tidwell	X		1.11	Sour-217,218	1212+40	1216+45	405'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Form 24-ADM-1005 REV 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B - 4875 Day: Mo Tu We Th (Fr) Sa Su Date: 12-08-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Sunny Temp: 55 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 7 Bore Rigs, 7 mud Trucks, 7 vac Trucks, 3 Backhoes, 1 Bump truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE~~	~~X~~		~~1.11~~	~~SACR 213, 214~~	~~1165+80~~	~~1168+85~~	~~505'~~
~~2~~	~~Slick Bore~~	~~X~~		~~3.21~~	~~SACR 213, 214~~	~~1165+80~~	~~1165+95~~	~~215'~~
	~~(Pin Point)~~							
~~3~~	~~Install HDPE~~	~~X~~		~~1.11~~	~~SACR 216~~	~~1197+60~~	~~1202+40~~	~~980'~~
~~4~~	~~Slick Bore~~	~~X~~		~~3.21~~	~~SACR 218~~	~~1200+66~~	~~1201+17~~	~~51'~~
	~~(Wamsley)~~							
5	Install HDPE	X		1.11	SACR ~~219~~ 218'	1218+60	1223+20	460'
	(MGE)							
~~6~~	~~Install HDPE~~	~~X~~		~~1.11~~	~~SACR 216~~	~~1193+80~~	~~1197+50~~	~~370'~~
~~7~~	~~Install HDPE~~	~~X~~		~~1.11~~	~~SACR 220~~	~~1240+80~~	~~1247+70~~	~~490'~~
	~~(Tidwell)~~							

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Williams. COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B

Day: Mo Tu We (Th) Fr Sa Su

Date: 1-18-01

Contract No: 99P154.16

Hours Worked: 10

Weather: Sunny

Temp: 60

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 6 Bore Rigs, 6 Mud Trucks, 6 Vac Trucks 4 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY. ALS
~~1~~	~~INSTALL HDPE (TIDWELL)~~	~~X~~		~~1.11~~	~~SACR 205~~	~~1064+10~~ 1064+10	~~1068+15~~	~~515~~ ✓
~~2~~	~~SLICK BORE~~	~~X~~		~~3.21~~	~~SACR 205~~	~~1064+00~~ 1064+10	~~1067+00~~	~~300~~ ~~290~~
~~3~~	~~INSTALL HDPE (TIDWELL)~~	~~X~~		~~1.11~~	~~SACR 218, 219~~	~~1386+80~~	~~1388+30~~	~~150~~ ✓
4	INSTALL HDPE (MGE)	X		1.11	SACR 218, 219.	1223+30	1229+85	655' ✓
~~5~~	~~INSTALL HDPE (TIDWELL)~~	~~X~~		~~1.11~~	~~SACR 239~~	~~1472+60~~	~~1478+20~~	~~560~~
~~6~~	~~SLICK BORE~~	~~X~~		~~3.21~~	~~SACR 239~~	~~1478+60~~	~~1478+80~~	~~560~~ ✓
7	INSTALL HDPE	X		1.11	SACR - 218-4	1223+20	1223+30	10'
8	INSTALL HDPE				SACR - 219-4	1229+85	1229+90	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Form 24-ADM-1005 REV 10/98

Inspector Daily Report

Page 1 of 1

Name: JR Smith

Spread/Site Number: South 4B - 4875 | Day: Mo Tu We (Th) Fr Sa Su | Date: 12-07-00 | Contract No: 99P154.16

Hours Worked: 12 | Weather: Sunny | Temp: 50 | Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 7 Bore Rigs, 7 mud Trucks, 7 vac Trucks 3 Backhoes, 1 pump truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Conv. Bore)~~	~~X~~		~~1.11~~	~~SHEET 315-DN-4~~	~~1184+10~~	~~1193+10~~	~~1000~~
2	Install HDPE (Conv. Bore)	X		1.11 D	SHEET 219-4	1229+90	1234+10	420'
~~3~~	~~Install HDPE (Conv. Bore)~~	~~X~~		~~1.11~~	~~SHEET 219-4~~	~~1229+90~~	~~1234+10~~	~~420'~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: (Mo) Tu We Th Fr Sa Su Date: 12-11-00

Contract No: 99P154.16

Hours Worked: 10

Weather: Cloudy Temp: 50

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 7 Bore rigs, 7 vac trucks, 7 mud trucks, 4 Backhoes, 4 reel trucks, 1 water truck, 1 Dumptruck.

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Pin Point)	✓		1.11	SACR-219-4	1234+20	1237+00	280'
2	Install HDPE (Slick Bore) (Pin Point)	✓		3.21	SACR-219-4	1234+60	1237+00	240'
3	INSTALL HDPE	✓		1.11	SACR-219	1234+10	1234+20	10'
4	INSTALL HDPE	✓		1.11	SACR-219	1237+00	1237+40	40'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24 ADM 1095 REV 10/99

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 48 - 4875 Day: (Mo) Tu We Th Fr Sa Su Date: 12-11-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Fair Temp: 42 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 7 Bore Riggs, 7 mud Trucks, 7 vac Trucks, 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Fresh)~~	~~X~~		~~1.11~~	~~SHEET 214~~	~~1173+80~~	~~1173+90~~	~~10'~~
~~2~~	~~Install HDPE (Fresh)~~	~~X~~		~~1.11~~	~~SHEET 214~~	~~1168+85~~	~~1168+90~~	~~5'~~
~~3~~	~~Install HDPE (Salt Brine)~~	~~X~~		~~1.11~~	~~SHEET 215~~	~~1163+70~~	~~1163+80~~	~~10'~~
~~4~~	~~Install Hardware~~	~~X~~		~~3.11~~	~~SHEET 215~~	~~@ 1163+75~~		~~1'~~
5	Install HDPE	X		1.11	SHEET 215 220	1237+40	1242+17	477'
6	INSTALL HDPE	X		1.11	SHEET 220	1242+17	1242+20	3'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Name: JR SMITS

Spread/Site Number: South 4B - 4875 Day: Mo Tu We Th (Fr) Sa Su Date: 12-08-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Sunny Temp: 55 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 7 Bore Rigs, 7 mud trucks, 7 vac trucks, 3 Backhoes, 1 Bump truck

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	(Exit POINT)							
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	([illegible]EY)							
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	(TMOL)							
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	Install HDPE (Tidwell)	X		1.11	SACR 220	1242 +20	1247 +10	490'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B

Day: Mo Tu (We) Th Fr Sa Su Date: 12-13-00

Contract No: 99P154-16

Hours Worked: 12

Weather: Rainy Temp: 45

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 7 Bore Rigs, 7 mud Trucks, 7 vac Truck 3 Backhoe

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1.	Install HDPE	X		1.11 B	SACR 220	1247+20	1251+70	450'
2.	Shick Bore (Pin Point Drilling)	X		3.21	SACR 220	1248+80	1249+80	100'
~~3.~~	~~Install HDPE (Plow)~~	~~X~~		~~1.11~~	~~SACR 220~~	~~1805+70~~	~~1867+30~~	~~700'~~
~~4.~~	~~Install HDPE (Plow)~~	~~X~~		~~1.11~~	~~SACR 220-221~~	~~1854+30~~	~~1865+30~~	~~1080'~~
~~5.~~	~~Install HDPE (Plow)~~	~~X~~		~~1.11~~	~~SACR~~	~~1894+70~~	~~1850+40~~	~~510'~~
6	INSTALL HDPE	X		1.11	SACR-220	1247+10	1247+20	10'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original Spread Supervisor Yellow Contractor Pink Inspector

Form 24 ADM 1005 REV 10/98

Williams. COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu We Th (Fr) Sa Su

Date: 12-15-00

Contract No: 99P154.16

Hours Worked: 12

Weather: Sunny

Temp: 60

Contractor: 99P154.16

Contractor Equipment on Site (Quality & Type): 12 Bore rigs, 12 vac trucks, 4 Reel trucks, 4 Back hoes, 12 mud trucks, 1 Dump truck 1 water truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (PinPoint)	✓		1.11	Sacr-220,221	1251+70	1256+60	490' * overlap
~~2~~	~~Install HDPE (American)~~	~~✓~~		~~1.11~~	~~Sacr-220,222~~	~~1323+60~~	~~1326+15~~	~~255'~~
~~3~~	~~Install HDPE (Slick Bore)~~	~~✓~~		~~3.21~~	~~Sacr-226,227~~	~~1323+60~~	~~1326+15~~	~~255'~~
~~4~~	~~Install HDPE (MUE)~~	~~✓~~		~~1.11~~	~~Sacr-225,226~~	~~1309+00~~	~~1312+35~~	~~335'~~
~~5~~	~~Install HDPE (Slick Bore)~~	~~✓~~		~~3.21~~	~~Sacr-225,226~~	~~1311+62~~	~~1311+81~~	~~19'~~
~~6~~	~~Install HDPE (MUE)~~	~~✓~~		~~1.11~~	~~Sacr-224~~	~~1270+50~~	~~1275+55~~	~~505'~~
~~7~~	~~Install HDPE (Cross Country)~~	~~✓~~		~~1.11~~	~~Sacr-224,225~~	~~1271+70~~	~~1304+60~~	~~460'~~
~~8~~	~~Install HDPE (Slick Bore)~~	~~✓~~		~~3.21~~	~~Sacr-225~~	~~1300+37~~	~~1300+87~~	~~50'~~
~~9~~	~~Install HDPE (Tidwell)~~	~~✓~~		~~1.11~~	~~Sacr-230~~	~~1565+20~~	~~1570+10~~	~~490'~~
~~10~~	~~Install HDPE (Slick Bore)~~	~~✓~~		~~3.21~~	~~Sacr-230~~	~~1566+99~~	~~1567+17~~	~~18'~~
11	INSTALL HDPE	✓		1.11	SACR-221	1256+60	1256+65	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Hours Worked: 10

Day: Mo Tu (We) Th Fr Sa Su Date: 12-13-00

Weather: Cloudy / Rain Temp: 50

Contract No: 99P154.16

Contractor: T. Dowell

Contractor Equipment on Site (Quality & Type): 7 Bore rigs, 7 vac trucks, 7 mud trucks, 3 reel trucks, 2 Dump trucks, 3 Backhoes, 1 water truck

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (MGE)	✓		1.11	SACR-221-4	1256+65	1261+45	480'
~~2~~	~~Install HDPE (MGE)~~	~~✓~~		~~1.11~~	~~SACR-226-4~~	~~1515+65~~	~~1520+45~~	~~480~~
~~3~~	~~Install HDPE (MGE) Slick Bore~~	~~✓~~		~~1.21~~	SACR-226-4	1514+00	~~1519+00~~	~~500'~~
~~4~~	~~Install HDPE (MGE)~~	~~✓~~		~~1.11~~	~~SACR-226-4~~	~~1520+45~~	~~1525+55~~	~~510~~
5	INSTALL HDPE	✓		1.11	SACR-221	1261+45	1261+55	10'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo (Tu) We Th Fr Sa Su Date: 12-12-00

Contract No: 99P154.16

Hours Worked: 10

Weather: Cloudy Temp: 52

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 7 Borerigs, 7 vac trucks 3 reel trucks 3 backhoes, 7 mud trucks 2 Dump trucks 1 water truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (MGE)	✓		1.11	Sacr-221,222	1261+55	1266+65	510'
2	Install HDPE (MGE)	✓		1.11	Sacr-222-4	1266+75	1270+40	365'
3	Install HDPE (Slick Bore)	✓		3.21	Sacr-222-4	1268+31	1270+40	209'
4	INSTALL HDPE	✓		1.11		1266+65	1266+75	10'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24 ADM 1005 REV 10/99

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu We Th (Fr) Sa Su Date: 12-15-00

Contract No: 99P154.16

Hours Worked: 12

Weather: Sunny

Temp: 60

Contractor: 99P154.16

Contractor Equipment on Site (Quality & Type): 12 Bore rigs, 12 vac trucks, 4 Reel trucks, 4 Back hoes, 12 mud trucks, 1 Dump truck 1 water truck

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Pinpoint)~~	~~✓~~		~~1.11~~	~~SALR - 220, 221~~	~~1251+70~~	~~1256+60~~	~~490'~~
~~2~~	~~Install HDPE (American)~~	~~✓~~	~~✓~~	~~1.11~~	~~SALR - 226, 227~~	~~1325+60~~	~~1330+15~~	~~455'~~
~~3~~	~~Install HDPE (Slick Bore)~~	~~✓~~		~~5.21~~	~~SALR - 226, 227~~	~~1325+60~~	~~1330+15~~	~~455'~~
~~4~~	~~Install HDPE (MGE)~~	~~✓~~		~~1.11~~	~~SALR - 225, 226~~	~~1309+00~~	~~1312+35~~	~~335'~~
~~5~~	~~Install HDPE (Slick Bore)~~	~~✓~~		~~5.21~~	~~SALR - 225, 226~~	~~1311+62~~	~~1314+81~~	~~319'~~
6	Install HDPE (MGE)	✓		1.11	SALR - 222	1270+50	1275+55	505'
~~7~~	~~Install HDPE (Cross Country)~~	~~✓~~		~~1.11~~	~~SALR - 224, 225~~	~~1299+90~~	~~1304+50~~	~~460'~~
~~8~~	~~Install HDPE (Slick Bore)~~	~~✓~~		~~5.21~~	~~SALR - 225~~	~~1300+37~~	~~1300+87~~	~~50'~~
~~9~~	~~Install HDPE (Hewett)~~	~~✓~~		~~1.11~~	~~SALR - 230~~	~~1365+20~~	~~1370+10~~	~~490'~~
~~10~~	~~Install HDPE (Slick Bore)~~	~~✓~~		~~5.21~~	~~SALR - 230~~	~~1366+94~~	~~1367+12~~	~~18'~~
11	INSTALL HDPE	✓		1.11	SALR - 222	1270+40	1270+50	10'
12	INSTALL HDPE	✓		1.11	SALR - 222	1275+55	1275+~~80~~70	~~25~~15'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM-1005 REV 10/98

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 48 -4875 Day: Mo Tu We (Th) Fr Sa Su Date: 12-14-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Rainy Temp: 40 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 13 Bore Rigs, 13 mud Trucks, 13 vac trucks, 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Conv. Bore)~~	~~X~~		~~1.11~~	~~SHCR-220~~	~~1380+85~~	~~1365+80~~	~~435~~
2	Install HDPE (Conv. Bore) (PHOENIX)	X		1.11	SHCR-222223	1275+70	1280+40	470'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B/4875

Hours Worked: 10

Day: (Mo) Tu We Th Fr Sa Su

Weather: Rain

Date: 2-12-01

Temp: 42°

Contract No: 99P154016

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Tidwell)~~	~~x~~		~~1011~~	~~Sucr 216, 217~~	~~1202+45~~	~~1207+55~~	~~510'~~
~~2~~	~~Install HDPE (Stick Bore)~~	~~x~~		~~3.21~~	~~Sucr 216, 217~~	~~1204+00~~	~~1204+45~~	~~45'~~
3	Install HDPE (Tidwell)	x		1011	Sucr-223-4	1280+45	1281+50	105' ✓

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

1011 1.11 615

3.21 45

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu We (Th) Fr Sa Su Date: 1-4-01

Contract No: 99P154.16

Hours Worked: 12

Weather: Clear Temp: 60

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 12 Bore Rigs, 12 mud trucks, 12 vac trucks, 2 reel trucks, 1 water truck, 4 Back hoes 2 Dump trucks

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11 ✓	Sacr-223-4	1281+55	1286+45	490'
2	Install HDPE (Slick Bore)	X		3.21 ✓	Sacr-223-4	1285+81	1286+25	44'
~~3~~	~~Install HDPE (Cross County)~~	~~X~~		~~1.11~~ ✓	~~Sacr-245,246~~	~~1550+25~~	~~1553+85~~	~~360'~~
~~4~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~ ✓	~~Sacr-253-4~~	1631+55	~~1642+80~~	~~526'~~
~~5~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~ ✓	~~Sacr-253-4~~	~~1637+65~~	~~1642+80~~	~~515~~
~~6~~	~~Install HDPE (MOE)~~	~~X~~		~~1.11~~ ✓	~~Sacr-234-4~~	~~1409+25~~	~~1413+30~~	~~405'~~
~~7~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~ ✓	~~Sacr-234-4~~	~~1409+87~~	~~1410+03~~	~~16'~~
~~8~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~ ✓	~~Sacr-234-4~~	~~1412+93~~	~~1413+03~~	~~10'~~
~~9~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~Sacr-190-4~~	~~977+55~~	~~985+35~~	~~580'~~
10	INSTALL HDPE	X		1.11	SACR-223	1281+50	1281+55	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Williams. COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu We Th (Fr) Sa Su

Date: 1-5-01

Contract No: 99P154.16

Hours Worked: 12

Weather: Clear

Temp: 60

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 12 Bore Rigs, 12 Mud trucks, 12 vac trucks, 3 Reel trucks, 4 Back hoes 2 water trucks 1 Dump truck.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (MGE)	X		1.11 ✓	Sacr-240, 241-4	1490+20	1493+80	360'
2	Install HDPE (MGE)	X		1.11 ✓	Sacr-241, 242-4	1497+25	1504+00	675'
3	Install HDPE (Slick Bore)	X		3.21 ✓	Sacr-241, 242-4	1497+25	1500+00	275'
4	Install HDPE (MGE)	X		1.11	Sacr-235, 236-4	1428+30	1431+05	275'
5	Install HDPE (Tidwell)	X		1.11	Sacr-253, 254-4	1642+85	1648+55	570'
6	Install HDPE (Tidwell)	X		1.11	Sacr-223, 224-4	1286+55	1289+85	330'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-A3M 10/E REV 10/98

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh
Spread/Site Number: South 4B
Day: Mo Tu (We) Th Fr Sa Su Date: 12-20-00 Contract No: 99P154.16
Hours Worked: 12 Weather: Clear Temp: 62° Contractor: Tidwell
Contractor Equipment on Site (Quality & Type): 7 Bore rigs, 7 vac trucks, 7 mud trucks, 3 reel trucks, 4 Back hoes, 1 water truck 1 Dump truck,

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (MGE)	X		1.11	Sacr-232,233	1393+20	1399+40	620'
2	Install HDPE (Slick Bore)	X		3.21	Sacr-232,233	1394+62	1394+84	22'
3	Install HDPE (Slick Bore)	X		3.21	Sacr-232,233	1395+00	1395+21	21'
4	Install HDPE (Slick Bore	X		3.21	Sacr-232,233	1395+62	1395+80	18'
5	Install HDPE (Slick Bore)	X		3.21	Sacr-232,233	1396+25	1396+56	31'
6	Install HDPE (Slick Bore)	X		3.21	Sacr-232,233	1397+18	1397+40	22'
7	Install HDPE (Slick Bore)	X		3.21	Sacr-232,233	1398+81	1399+40	59'
8	Install HDPE (Tidwell)	X		1.11	Sacr-224-4	1290+20	1294+70	450'
9	Install HDPE (Slick Bore)	X		3.21	Sacr-224-4	1293+00	1293+50	50'
10	Install HDPE (Pin Point)	X		1.11	Sacr-243-4	1519+50	1524+35	485'
11	Install HDPE (Cross Country)	X		1.11	Sacr-248-4	1584+30	1586+45	215'
12	INSTALL HDPE	X		1.11	SACR-224	1294+70	1294+85	15'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM 1005 REV 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Deb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu We (Th) Fr Sa Su Date: 12-14-00

Contract No: 99P154.16

Hours Worked: 10

Weather: Cloudy/Rain Temp: 51

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 12 Bore rigs, 12 vac trucks, 12 mud trucks, 3 Back hoes, 3 reel trucks, 1 water truck, 1 Dump truck.

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	~~Install HDPE (MOF)~~	~~✓~~	~~1~~	~~1.11~~	~~Sacr-224-4~~	~~1294+85~~	~~1335+20~~	~~489'~~
2	~~Install HDPE (Slick Bore)~~	~~✓~~	~~1~~	~~5.21~~	~~Sacr-224-4~~	~~1350+31~~	~~1352+50~~	~~219'~~
3	~~Install HDPE (Tidwell)~~	~~✓~~	~~#~~	~~1.11~~	~~Sacr-225-4~~	~~1304+00~~	~~1308+90~~	~~490'~~
4	~~Install HDPE (Slick Bore)~~	~~✓~~	~~#~~	~~5.21~~	~~Sacr-225-4~~	~~1305+12~~	~~1305+31~~	~~19'~~
5	~~Install HDPE (Slick Bore)~~	~~✓~~	~~#~~	~~5.21~~	~~Sacr-225-4~~	~~1307+08~~	~~1307+27~~	~~19'~~
6	Install HDPE (Cross Country)	✓	1	1.11	Sacr-224-4	1294+85	1299+80	495'
7	Install HDPE (Slick Bore)	✓	1	3.21	Sacr-224-4	1294+85	1299+80	495'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation
		#3	Missing Asbuilt for Item #3		

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24 ADM 1005 REV 10/00

Williams. COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu We Th (Fr) Sa Su

Date: 12-15-00

Contract No: 99P154.16

Hours Worked: 12

Weather: Sunny

Temp: 60

Contractor: 99P154.16

Contractor Equipment on Site (Quality & Type): 12 Bore rigs, 12 vac trucks, 4 Reel trucks, 4 Back hoes, 12 mud trucks, 1 Dump truck 1 water truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (PinPoint)~~	✓		~~1.11~~	~~Sacr-220, 221~~	~~1251+70~~	~~1256+60~~	~~490'~~
~~2~~	~~Install HDPE (American)~~	✓		~~1.11~~	~~Sacr-226, 227~~	~~1323+60~~	~~1326+15~~	~~255'~~
~~3~~	~~Install HDPE (Slick Bore)~~	✓		~~3.21~~	~~Sacr-226, 227~~	~~1323+60~~	~~1326+15~~	~~255'~~
~~4~~	~~Install HDPE (MGE)~~	✓		~~1.11~~	~~Sacr-225, 226~~	~~1309+00~~	~~1312+35~~	~~335'~~
~~5~~	~~Install HDPE (Slick Bore)~~	✓		~~3.21~~	~~Sacr-225, 226~~	~~1311+62~~	~~1311+81~~	~~19'~~
~~6~~	~~Install HDPE (MGE)~~	✓		~~1.11~~	~~Sacr-222~~	~~1270+50~~	~~1275+55~~	~~505'~~
7	Install HDPE (Cross Country)	✓		1.11	Sacr-224, 225	1299+90	1304+50	460'
8	Install HDPE (Slick bore)	✓		3.21	Sacr-225	1300+37	1300+87	50'
~~9~~	~~Install HDPE (Tidwell)~~	✓		~~1.11~~	~~Sacr-230~~	~~1365+80~~	~~1370+70~~	~~490'~~
~~10~~	~~Install HDPE (Slick Bore)~~	✓		~~3.21~~	~~Sacr-230~~	~~1366+94~~	~~1367+12~~	~~18'~~
11	INSTALL HDPE	x			SACR-224	1299+80	1299+90	10'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24 ADM 1995 REV 10/99

Inspector Daily Report

Page 1 of 1

Name: Deb Sincraugh
Spread/Site Number: South 4B
Hours Worked: 10
Day: Mo Tu We (Th) Fr Sa Su
Date: 12-14-00
Weather: Cloudy/Rain
Temp: 51
Contract No: 99P154.16
Contractor: Tidwell
Contractor Equipment on Site (Quality & Type): 12 Bore rigs, 12 vac trucks, 12 mud trucks, 3 Back hoes, 3 reel trucks, 1 water truck, 1 Dump truck.

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (MGF)~~	~~✓~~	~~#~~	~~1.11~~	~~SACR-225-4~~	~~1349+55~~	~~1353+20~~	~~485'~~
~~2~~	~~Install HDPE (SlickBore)~~	~~✓~~	~~#~~	~~3.21~~	~~SACR-225-4~~	~~1350+31~~	~~1352+50~~	~~219'~~
3	Install HDPE (Tidwell	✓	#	1.11	SACR-225-4	1304+60	1308+90	430'
4	Install HDPE (SlickBore)	✓	#	3.21	SACR-225-4	1305+12	1305+31	19'
5	Install HDPE (SlickBore)	✓	#	3.21	SACR-225-4	1307+68	1307+87	19'
~~6~~	~~Install HDPE (MGF)~~	~~✓~~	~~#~~	~~1.11~~	~~SACR-225-4~~	~~1294+85~~	~~1298+80~~	~~395'~~
~~7~~	~~Install HDPE (SlickBore)~~	~~✓~~	~~#~~	~~3.21~~	~~SACR-225-4~~	~~1294+85~~	~~1298+80~~	~~395'~~
8	INSTALL HDPE	✓		1.11	SACR-225	1304+50	1304+60	10'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation
		#3	Missing ASBUILT FOR ITEM #3		

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu We Th (Fr) Sa Su Date: 12-15-00

Contract No: 99P154.16

Hours Worked: 12

Weather: Sunny Temp: 60

Contractor: 99P154.16

Contractor Equipment on Site (Quality & Type): 12 Bore rigs, 12 vac trucks, 4 Reel trucks, 4 Back hoes, 12 mud trucks, 1 Dump truck 1 water truck

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Pinpoint)~~	~~✓~~		~~1.11~~	~~Sheet 220, 221~~	~~1251+75~~	~~1256+60~~	~~490'~~
~~2~~	~~Install HDPE (American)~~	~~✓~~		~~1.11~~	~~Sheet 226, 227~~	~~1322+60~~	~~1326+15~~	~~255'~~
~~3~~	~~Install HDPE (Stick Bore)~~	~~✓~~		~~3.21~~	~~Sheet - 226, 227~~	~~1525+60~~	~~1526+15~~	~~255'~~
4	Install HDPE (MOE)	✓		1.11	Sheet-225, 226	1309+00	1312+35	335'
5	Install HDPE (Stick Bore)	✓		3.21	Sheet-225, 226	1311+62	1311+81	19'
~~6~~	~~Install HDPE (MOE)~~	~~✓~~		~~1.11~~	~~Sheet - 222~~	~~1270+50~~	~~1275+55~~	~~505'~~
~~7~~	~~Install HDPE (Cross Country)~~	~~✓~~		~~1.11~~	~~Sheet 224, 225~~	~~1299+10~~	~~1304+60~~	~~490'~~
~~8~~	~~Install HDPE (Stick Bore)~~	~~✓~~		~~3.21~~	~~Sheet-225~~	~~1300+37~~	~~1300+87~~	~~50'~~
~~9~~	~~Install HDPE (Hower)~~	~~✓~~		~~1.11~~	~~Sheet 230~~	~~1365+26~~	~~1370+10~~	~~490'~~
~~10~~	~~Install HDPE (Stick Bore)~~	~~✓~~		~~3.21~~	~~Sheet - 230~~	~~1366+94~~	~~1367+12~~	~~18'~~
11	INSTALL HDPE	✓		1.11	SHEET - 225	1308+90	1309+00	10'
						1312+35	1312+45	10'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM-1005 REV. 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu (We) Th Fr Sa Su Date: 12-13-00 Contract No: 99P154.16

Hours Worked: 10 Weather: Cloudy / Rain Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 7 Bore rigs, 7 vac trucks, 7 mud trucks, 3 reel trucks, 2 Dump trucks, 3 Backhoes, 1 water truck

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (MGE)~~	~~✓~~	"	~~1.11~~	~~SACR-226-4~~	~~1290+65~~	~~1295+45~~	~~480'~~
2	Install HDPE (MGE)	✓		1.11	SACR-226-4	1315+65	1320+45	480
3	Install HDPE (MGE) Slickbore	✓		3.21	SACR-226-4	1317+00	1319+06	206'
4	Install HDPE (MGE)	✓		1.11	SACR-226-4	1312+45	1315+55	310'
5	INSTALL HDPE	K		1.11	SACR-226-4	1315+55	1315+65	10'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Name: EB

Spread/Site Number: South 4B

Day: Mo (Tu) We Th Fr (Sa) Su

Date: 1-6-01

Contract No: 99P154.16

Hours Worked: 10

Weather: CLEAR

Temp: 60

Contractor: TIDWELL

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Tidwell)~~	~~*~~		~~1.11~~ ✓	~~Sacr 226-4~~	~~1431+10~~	~~1434+35~~	~~325'~~
~~2~~	~~Install HDPE (Slick Bore)~~	~~*~~		~~3.21~~ ✓	~~Sacr 226-4~~	~~1432+87~~	~~1433+03~~	~~16'~~
3	Install HDPE (DrillTech)	X		1.11 ✓	Sacr-226-4	1320+60	1323+55	295'
4	Install HDPE (Slick Bore)	X		3.21 ✓	Sacr-226-4	1321+56	1323+55	199'
~~5~~	~~Install HDPE (MOE)~~	~~*~~		~~1.11~~ ✓	~~Sacr 235-4~~	~~1426+25~~	~~1428+20~~	~~195'~~
~~6~~	~~Install HDPE (Slick Bore)~~	~~*~~		~~3.21~~ ✓	~~Sacr 235-4~~	~~1426+62~~	~~1428+06~~	~~144'~~
~~7~~	~~Install HDPE (MOE)~~	~~*~~		~~1.11~~	~~Sacr 241-4~~	~~1493+90~~	~~1497+15~~	~~325'~~
8	INSTALL HDPE	X		1.11	SACR-226	1320+45	1320+60	15'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu We Th (Fr) Sa Su Date: 12-15-00

Contract No: 99P154.16

Hours Worked: 12

Weather: Sunny

Temp: 60

Contractor: 99P154.16

Contractor Equipment on Site (Quality & Type): 12 Bore rigs, 12 vac trucks, 4 Reel trucks, 4 Back hoes, 12 mud trucks, 1 Dump truck 1 water truck

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Pinpoint)~~	~~✓~~		~~1.11~~	~~Sht - 220, 221~~	~~1251+90~~	~~1256+60~~	~~470'~~ CANCEL
2	Install HDPE (American)	✓		1.11	Sht - 226, 227	1323+60	1326+15	255'
3	Install HDPE (Stick Bore)	✓		3.21	Sht - 226, 227	1323+60	1326+15	255'
~~4~~	~~Install HDPE (MUE)~~	~~✓~~		~~1.11~~	~~Sht - 225, 226~~	~~1309+00~~	~~1312+35~~	~~335'~~
~~5~~	~~Install HDPE (Stick Bore)~~	~~✓~~		~~3.21~~	~~Sht - 225, 226~~	~~1311+02~~	~~1311+81~~	~~19'~~
~~6~~	~~Install HDPE (MUE)~~	~~✓~~		~~1.11~~	~~Sht - 224~~	~~1270+50~~	~~1275+55~~	~~505'~~
~~7~~	~~Install HDPE (Cross County)~~	~~✓~~		~~1.11~~	~~Sht - 224, 225~~	~~1299+90~~	~~1304+50~~	~~460'~~
~~8~~	~~Install HDPE (Stick Bore)~~	~~✓~~		~~3.21~~	~~Sht - 225~~	~~1300+37~~	~~1300+87~~	~~50'~~
~~9~~	~~Install HDPE (Tidwell)~~	~~✓~~		~~1.11~~	~~Sht - 230~~	~~1369+20~~	~~1370+10~~	~~90'~~
~~10~~	~~Install HDPE (Stick Bore)~~	~~✓~~		~~3.21~~	~~Sht - 230~~	~~1366+94~~	~~1367+14~~	~~18'~~
11	INSTALL HDPE	✓		1.11	SHCR - 226-4	1323+55	1323+60	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B / 9875

Day: Mo Tu (We) Th Fr Sa Su Date: 2-7-01

Contract No: 99P154a16

Hours Worked: 10

Weather: Clear Temp: 58°

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 2 Bore Rigs, 2 mud trucks, 2 vac trucks, 1 Reel truck, 3 Backhoes, 1 Dump truck.

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~INSTALL HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~SACR-227-1~~	~~1329+60~~	~~1343+50~~	~~390'~~ ✓
~~2~~	~~INSTALL HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~SACR-227-1~~	~~1329+60~~	~~1343+50~~	~~390'~~ ✓
~~3~~	~~INSTALL HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~SACR-260~~	~~1723+75~~	~~1728+45~~	~~470'~~ ✓
~~4~~	~~INSTALL HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~SACR-260~~	~~1723+75~~	~~1728+45~~	~~470'~~ ✓
5	Install HDPE (Tidwell)	X		1.11	SACR-227	1326+20	1327+15	95' ✓
6	Install HDPE (Slick Bore)	X		3.21	SACR-227	1326+20	1326+90	70' ✓
7	INSTALL HDPE	X		1.11	SACR-227-4	1326+15	1326+20	5'
8	INSTALL HDPE	X		1.11	SACR-227-4	1327+15	1327+21	6'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

TOTALS: 1.11 955

3.21 930

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Form 24 ADM 1005 REV 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: JR Smits

Spread/Site Number: South 4B - 4875

Day: Mo Tu We Th (Fr) Sa Su

Date: 12-29-00

Contract No: 99P154.16

Hours Worked: 10

Weather: Sunny

Temp: 50

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Plow)	X		1.11	227, 228, 229	1327+21	1348+87	2166
~~2~~	~~Install HDPE (Plow)~~	~~X~~		~~1.11~~	~~228, 229~~	~~1467+11~~	~~1472+11~~	~~835~~
~~3~~	↑	~~X~~		~~1.11~~	~~228~~	~~1457+60~~	~~1463+35~~	~~315~~
~~4~~	↓	~~X~~		~~1.11~~	~~229~~	~~1451+18~~	~~1453+50~~	~~232~~
~~5~~		~~X~~		~~1.11~~	~~229~~	~~1444+30~~	~~1446+50~~	~~220~~
~~6~~	~~Install HDPE (Plow)~~	~~X~~		~~1.11~~	~~236~~	~~1434+38~~	~~1442+70~~	~~852~~
~~7~~	~~Install HDPE (Bore)~~	~~X~~		~~1.11~~	~~234~~	~~1654+50~~	~~1659+00~~	~~420~~
8	INSTALL HDPE	X		1.11	SALR-229	1348+87	1349+35	48'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Form 24-ADM-1005 REV. 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Deb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu We (Th) Fr Sa Su Date: 12-14-00

Contract No: 99P154.16

Hours Worked: 10

Weather: Cloudy/Rain Temp: 51

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 12 Bore rigs, 12 vac trucks, 12 mud trucks, 3 Back hoes, 3 reel trucks, 1 water truck, 1 Dump truck.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (MGF)	✓	/	1.11	Sacr-229-4	1349+35	1354+20	485'
2	Install HDPE (Slick Bore)	✓	/	3.21	Sacr-229-4	1350+31	1352+50	219'
~~3~~	~~Install HDPE (Slick Bore)~~	~~✓~~	~~#~~	~~1.11~~	~~Sacr-229-4~~	~~1350+60~~	~~1350+90~~	~~430'~~
~~4~~	~~Install HDPE (Slick Bore)~~	~~✓~~	~~#~~	~~3.21~~	~~Sacr-229-4~~	~~1350+11~~	~~1350+31~~	~~191'~~
~~5~~	~~Install HDPE (Slick Bore)~~	~~✓~~	~~#~~	~~3.21~~	~~Sacr-229-4~~	~~1350+68~~	~~1350+87~~	~~191'~~
~~6~~	~~Install HDPE (Slick Bore)~~	~~✓~~	~~#~~	~~1.11~~	~~Sacr-229-4~~	~~1349+85~~	~~1349+80~~	~~195'~~
~~7~~	~~Install HDPE (Slick Bore)~~	~~✓~~	~~#~~	~~3.21~~	~~Sacr-229-4~~	~~1349+85~~	~~1349+80~~	~~195'~~
8	INSTALL HDPE	✓		1.11	SACR-229	1354+20	1354+30	10'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation
		#3	Missing Asbuilt for Item #3		

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM-1005 REV. 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu We Th (Fr) Sa Su Date: 12-29-00

Contract No: 99P154.16

Hours Worked: 10

Weather: Clear Temp: 52

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 8 Bore Rigs, 8 Vac trucks, 8 mud trucks, 3 reel trucks, 4 Backhoes, 1 Dumptruck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE(Conventional)~~	~~X~~		~~1.11~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~
~~2~~	~~Install HDPE(Slick Bore)~~	~~X~~		~~3.21~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~1~~
3	Install HDPE(MGE)	X		1.11	Sacr-229-4	1354+30	1357+90	360'
4	Install HDPE(Slick Bore)	X		3.21	Sacr-229-4	1355+00	1355+18	18'
~~5~~	~~Install HDPE(MGE)~~	~~X~~		~~1.11~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~
~~6~~	~~Install HDPE(Slick Bore)~~	~~X~~		~~3.21~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~65'~~
				DO NOT MARK	THIS DRAWING			

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM-1005 REV. 10/98

Inspector Daily Report

Page 1 of 1

Name: JR SMITH

Spread/Site Number: SOUTH 48/4875 Day: Mo Tu We (Th) Fr Sa Su Date: 12-14-00 Contract No: 9AP164114

Hours Worked: 10 Weather: RAIN Temp: 51 Contractor: TIDWELL

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	INSTALL HDPE - BORE	X		1.11		136+85	136+20	435'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Form 24-ADM-1005 REV. 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu We Th (Fr) Sa Su Date: 12-15-00

Contract No: 99P154.16

Hours Worked: 12

Weather: Sunny

Temp: 60

Contractor: 99P154.16

Contractor Equipment on Site (Quality & Type): 12 Bore rigs, 12 vac trucks, 4 Reel trucks, 4 Back hoes, 12 mud trucks, 1 Dump truck 1 water truck

NO:	ITEM DESCRIPTION	PAY. U.P.	PAY. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Pinbored)~~	~~✓~~		~~1.11~~	~~Sht - 220, 221~~	~~1251+70~~	~~1256+00~~	~~430'~~
~~2~~	~~Install HDPE (American)~~	~~✓~~		~~1.11~~	~~Sht - 220, 221~~	~~1323+60~~	~~1326+15~~	~~256'~~
~~3~~	~~Install HDPE (Slick Bore)~~	~~✓~~		~~3.21~~	~~Sht - 220, 221~~	~~1323+60~~	~~1326+15~~	~~256'~~
~~4~~	~~Install HDPE (Wet)~~	~~✓~~		~~1.11~~	~~Sht - 225, 226~~	~~1304+00~~	~~1312+35~~	~~835'~~
~~5~~	~~Install HDPE (Slick Bore)~~	~~✓~~		~~3.21~~	~~Sht - 225, 226~~	~~1311+02~~	~~1311+01~~	~~1'~~
~~6~~	~~Install HDPE (Wet)~~	~~✓~~		~~1.11~~	~~Sht - 225~~	~~1270+50~~	~~1275+55~~	~~505'~~
~~7~~	~~Install HDPE (Cross Country)~~	~~✓~~		~~1.11~~	~~Sht - 225, 226~~	~~1299+70~~	~~1304+50~~	~~480'~~
~~8~~	~~Install HDPE (Slick Bore)~~	~~✓~~		~~3.21~~	~~Sht - 225~~	~~1300+37~~	~~1300+87~~	~~50'~~
9	Install HDPE (T. dwell)	✓		1.11	Sht - 230	1365+20	1370+10	490'
10	Install HDPE (Slick Bore)	✓		3.21	Sht - 230	1366+94	1367+12	18'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh
Spread/Site Number: South 4B
Hours Worked: 10
Day: Mo Tu We Th (Fr) Sa Su
Weather: Clear
Date: 12-22-00
Temp: 54
Contract No: 99P154.16
Contractor: Tidwell
Contractor Equipment on Site (Quality & Type): 4 Bore Rigs, 4 mudtrucks, 4 vac trucks, 2 Reel trucks, 3 Backhoes, 1 Dumptruck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE(Tidwell)	X		1.11	Sacr-230,231-4	1370+60	1375+00	440'
2	Install HDPE(SlickBore)	X		3.21	Sacr-230,231-4	1372+53	1372+75	22'
3	Install HDPE(SlickBore)	X		3.21	Sacr-230,231-4	1373+44	1373+62	18'
~~4~~	~~Install HDPE(Tidwell)~~	~~X~~		~~1.11~~	~~Sacr-230,231-4~~	~~1212+40~~	~~1210+45~~	~~195'~~
5	INSTALL HDPE	X		1.11	SACR-230-4	1370+10	1370+60	50'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Form 24-ADM-1005 REV. 10/98

Inspector Daily Report

Page 1 of 1

Name: Jeb Simcraugh

Spread/Site Number: South 4B

Day: Mo (Tu) We Th Fr Sa Su Date: 12-19-00

Contract No: 99P154.16

Hours Worked: 10

Weather: Clear Temp: 62

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 8 Bore Rigs, 8 vac trucks, 8 mud trucks, 3 Reel trucks, 4 Back hoes, 1 water truck 1 Dump truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE(Cross Country)~~	~~X~~		~~1.11~~	~~Sour-231-4~~	~~1500+00~~	~~1504+45~~	~~445'~~
~~2~~	~~Install HDPE(Slick Bore)~~	~~X~~		~~3.21~~	~~Sour-231-4~~	~~1504+18~~	~~1505+28~~	~~10'~~
3	Install HDPE(Tidwell)	X		1.11	Sour-231-4	1375+05	1379+90	485'
4	Install HDPE(Slick Bore)	X		3.21	Sour-231-4	1375+50	1375+68	18'
5	Install HDPE(Slick Bore)	X		3.21	Sour-231-4	1375+97	1376+18	21'
6	Install HDPE(Slick Bore)	X		3.21	Sour-231-4	1377+37	1377+87	50'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Form 24-ADM-1005 REV. 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Deb Sincraugh
Spread/Site Number: South 4B
Hours Worked: 12
Day: Mo Tu We (Th) Fr Sa Su
Date: 12-21-00
Weather: Clear
Temp: 55
Contract No: 99P154.16
Contractor: Tidwell
Contractor Equipment on Site (Quality & Type): 5 Bore Rigs, 5 mud trucks, 5 vac trucks, 3 reel trucks, 4 Back hoes, 1 water truck, 1 Dump truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Pinpoint)~~	~~X~~		~~1.11~~	~~Sheet 243~~	~~1515+60~~	~~1519+40~~	~~380'~~
2	Install HDPE (Tidwell)	X		1.11	Sacr-231,232	1379+95	1384+55	460'
3	Install HDPE (Slick Bore)	X		3.21	Sacr-231,232	1381+44	1381+68	24'
4	Install HDPE (Slick Bore)	X		3.21	Sacr-231,232	1382+31	1382+56	25'
5	Install HDPE (Slick Bore)	X		3.21	Sacr-231,232	1383+37	1383+62	25'
6	INSTALL HDPE	X		1.11	SACR-231	1379+90	1379+95	5'
7	INSTALL HDPE	X		1.11	SACR-232	1384+55	1384+70	15'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM-1005 REV. 10/98

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh
Spread/Site Number: South 4B
Hours Worked: 10
Day: (Mo) Tu We Th Fr Sa Su
Date: 12-18-00
Weather: Clear
Temp: 62
Contract No: 99P154.16
Contractor: Tidwell
Contractor Equipment on Site (Quality & Type): 5 Bore Rigs, 5 mudd trucks, 5 vac trucks, 3 Reel trucks, 4 Backhoes, 1 Dumptruck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Cross Country)~~	~~X~~		~~1.11~~	~~Sacr-230-4~~	~~1384+60~~	~~1389+50~~	~~490'~~
~~2~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sacr-230-4~~	~~1384+00~~	~~1384+50~~	~~50'~~
~~3~~	~~Install HDPE (Pin Point)~~	~~X~~		~~1.11~~	~~Sacr-243,249~~	~~1524+50~~	~~1527+90~~	~~340'~~
4	Install HDPE (Tidwell)	X		1.11	Sacr-232-4	1384+70	1389+65	495'
5	Install HDPE (Slick Bore)	X		3.21	Sacr-232-4	1385+87	1386+25	38'
6	Install HDPE (Slick Bore)	X		3.21	Sacr-232-4	1386+50	1386+71	21'
7	Install HDPE (Slick Bore)	X		3.21	Sacr-232-4	1387+44	1387+65	21'
8	INSTALL HDPE	X		1.11	SACR-232-4	1389+65	1389+80	15'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Form 24-ADM-1005 REV. 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu We Th Fr (Sa) Su Date: 12-16-00

Contract No: 99P154.16

Hours Worked: 10

Weather: Clear

Temp: 60

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 5 Bore Rigs, 5 mud trucks, 5 vac trucks, 2 reel trucks, 3 Back hoes, 1 water truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	✓	✓	1.11	Sacr-232-4	1389+80	1393+00	320'
2	Install HDPE (Slick Bore)	✓	✓	3.21	Sacr-232-4	1391+50	1391+75	75'
~~3~~	~~Install HDPE (West Canal)~~	~~✓~~		1.11	~~Sacr-232-4~~	~~1834+65~~	~~1839+10~~	~~455'~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Form 24-ADM-1005 REV. 10/98

Inspector Daily Report

Page 1 of 1

Name: Jeb Singfaugh
Spread/Site Number: South 4B
Hours Worked: 12
Day: Mo Tu (We) Th Fr Sa Su
Date: 12-20-00
Weather: Clear
Temp: 62°
Contract No: 99P154.16
Contractor: Tidwell
Contractor Equipment on Site (Quality & Type): 7 Bore rigs, 7 vac trucks, 7 mud trucks, 3 reel trucks, 4 Backhoes, 1 water truck 1 Dump truck,

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (MGE)	X		1.11	Sacr-232,233	1393+20	1399+40	620'
2	Install HDPE (Slick Bore)	X		3.21	Sacr-232,233	1394+62	1394+84	22'
3	Install HDPE (Slick Bore)	X		3.21	Sacr-232,233	1395+00	1395+21	21'
4	Install HDPE (Slick Bore	X		3.21	Sacr-232,233	1395+62	1395+80	18'
5	Install HDPE (Slick Bore)	X		3.21	Sacr-232,233	1396+25	1396+56	31'
6	Install HDPE (Slick Bore)	X		3.21	Sacr-232,233	1397+18	1397+40	22'
7	Install HDPE (Slick Bore)	X		3.21	Sacr-232,233	1398+81	1399+40	59'
~~8~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~Sacr-234-1~~	~~1210+20~~	~~1214+70~~	~~450'~~
~~9~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sacr-234-1~~	~~1213+00~~	~~1213+60~~	~~30'~~
~~10~~	~~Install HDPE (Sim Pointe)~~	~~X~~		~~1.11~~	~~Sacr-243-1~~	~~1511+30~~	~~1524+35~~	~~1305'~~
~~11~~	~~Install HDPE (Ross County)~~	~~X~~		~~1.11~~	~~Sacr-248-1~~	~~1586+30~~	~~1588+45~~	~~215'~~
12	INSTALL HDPE	X		1.11	SACR-232	1393+00	1393+20	20'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Form 24-ADM 1005 REV 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sivcraugh

Spread/Site Number: South 4B

Day: Mo Tu (We) Th Fr Sa Su Date: 12-27-00

Contract No: 99P154.16

Hours Worked: 12

Weather: Sunny Temp: 53

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 5 Bore Rigs, 5 mud trucks, 5 Vac Trucks, 3 Reel trucks, 3 Backhoes, 1 Dumptruck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (MGE)	X		1.11	Sacr-233-4	1399+50	1405+10	560'
2	Install HDPE (Slick Bore)	X		3.21	Sacr-233-4	1399+50	1405+10	560'
~~3~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~Sacr-252,253~~	~~1631+85~~	~~1651+40~~	~~595'~~
~~4~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sacr-252,253~~	~~1633+37~~	~~1635+34~~	~~197'~~
~~5~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~Sacr-252~~	~~1625+85~~	~~1631+15~~	~~500'~~
~~6~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sacr-252~~	~~1627+51~~	~~1628+00~~	~~49'~~
~~7~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~Sacr-217~~	~~1209+60~~	~~1214+30~~	~~470'~~
8	INSTALL HDPE	X		1.11	SACR-233	1399+40	1399+50	10'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu (We) Th Fr Sa Su Date: 1-3-01

Contract No: 99P154.16

Hours Worked: 10

Weather: Clear

Temp: 61

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 10 Bore Rigs, 10 Mud trucks, 10 vac trucks, 3 reel trucks, 1 water truck, 4 backhoes, 1 Dumptruck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (MGE)	X		1.11	Sour-233, 234	1405+95	1409+20	325'
~~2~~	~~Install HDPE (MGE)~~	~~X~~		1.11	~~Sour-242-4~~	1509+00	1514+25	~~525'~~
					RIL on wrong side of road			

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Form 24 ADM 1005 REV 10/98

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu We (Th) Fr Sa Su Date: 1-4-01

Contract No: 99P154.16

Hours Worked: 12

Weather: Clear Temp: 60

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 12 Bore Rigs, 12 mud trucks, 12 vac trucks, 2 reel trucks, 1 water truck, 4 Backhoes 2 Dump trucks

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~ ✓	~~Sacr-223-4~~	~~1281+56~~	~~1286+46~~	~~490'~~
~~2~~	~~Install HDPE (Stick Bore)~~	~~X~~		~~3.21~~ ✓	~~Sacr-223-4~~	~~1285+81~~	~~1286+25~~	~~44'~~
~~3~~	~~Install HDPE (Cross Country)~~	~~X~~		~~1.11~~ ✓	~~Sacr-243, 246~~	~~1550+25~~	~~1553+85~~	~~360'~~
~~4~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~ ✓	~~Sacr-253-4~~	~~1631+55~~	~~1647+80~~	~~525'~~
~~5~~	~~Install HDPE (Stick Bore)~~	~~X~~		~~3.21~~ ✓	~~Sacr-253-4~~	~~1631+65~~	~~1692+80~~	~~515~~
6	Install HDPE (MGE)	X		1.11 ✓	Sacr-234-4	1409+25	1413+30	405'
7	Install HDPE (Stick Bore)	X		3.21 ✓	Sacr-234-4	1409+87	1410+03	16'
8	Install HDPE (Stick Bore)	X		3.21 ✓	Sacr-234-4	1412+93	1413+03	10'
~~9~~	~~Install HDPE (Tidwell)~~	X		~~1.11~~	~~Sacr-190-4~~	~~1771+55~~	~~1781+35~~	~~980'~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh
Spread/Site Number: South4B
Hours Worked: 10
Day: Mo Tu We Th (Fr) Sa Su Date: 1-19-01
Weather: 60 Temp: Clear
Contract No: 99P154.16
Contractor: Tidwell
Contractor Equipment on Site (Quality & Type): 5 Bore Rigs, 5 Vac trucks, 5 Mud trucks, 1 Reel truck, 4 Back hoes, 1 Dump truck.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11	SALR-234-4	1413+50	1418+25	475' ✓
~~2~~	~~INSTALL HDPE (Tidwell~~	~~X~~		~~1.11~~	~~SALR-234~~	1118+00	~~1119+55~~	~~155'~~
3	INSTALL HDPE	X		1.11	SALR-234-4	1413+30	1413+50	20'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B/4875

Day: Mo Tu We Th Fr (Sa) Su Date: 3-24-01

Contract No: 99P154.16

Hours Worked: 10

Weather: Sunny Temp: 71

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 1 Bore rig, 1 mud truck, 1 vac truck, 1 Backhoe, 1 reel truck.

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE	X		1.11	Sacr-234,235	1418+35	1423+50	515' ✓
2	Install HDPE (SlickBore)	X		3.21	Sacr-234,235	1419+25	1419+35	10' ✓
3	Install HDPE (SlickBore)	X		3.21	Sacr-234,235	1420+77	1421+77	100' ✓

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM-1005 REV. 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: EB
Spread/Site Number: South 4B
Hours Worked: 10
Day: Mo (Tu) We Th Fr (Sa) Su
Weather: CLEAR
Date: 1-6-01
Temp: 60
Contract No: 99P154.16
Contractor: TTWELL
Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Flowell)~~	~~X~~		~~1.11~~	~~Sucr-236-1~~	~~1431+10~~	~~1435+35~~	~~325'~~
~~2~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sucr-236-1~~	~~1432+67~~	~~1433+03~~	~~16'~~
~~3~~	~~Install HDPE (DH-1)~~	~~X~~		~~1.11~~	~~Sucr-236-1~~	~~1320+60~~	~~1323+55~~	~~295'~~
~~4~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sucr-236-1~~	~~1321+56~~	~~1323+55~~	~~199'~~
5	Install HDPE (MGE)	X		1.11	Sucr-235-4	1426+25	1428+20	195'
6	Install HDPE (Slick Bore)	X		3.21	Sucr-235-4	1426+62	1428+09	147'
~~7~~	~~Install HDPE (MGE)~~	~~X~~		~~1.11~~	~~Sucr-241-1~~	~~1493+80~~	~~1497+16~~	~~336'~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

This report is for informational purposes only and is not to be used for purposes of determining payment under the applicable contract. This report does not serve to amend or supersede the terms of the contract between the parties.

Distribution: Original Stored Onsaver Yellow Contractor Pink Inspector

Form 3-5001-1008 REV 10-98

Williams. COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South4B

Day: Mo Tu We Th (Fr) Sa Su

Date: 1-5-01

Contract No: 99P154.16

Hours Worked: 12

Weather: Clear

Temp: 60

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 12 Bore Rigs, 12 Mud trucks, 12 vac trucks, 3 Reel trucks, 4 Back hoes 2 water trucks 1 Dump truck.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (MGE)	X		1.11 ✓	Sacr-240, 241-4	1490+20	1493+80	360'
2	Install HDPE (MGE)	X		1.11 ✓	Sacr-241, 242-4	1497+25	1504+00	675'
3	Install HDPE (Slick Bore)	X		3.21 ✓	Sacr-241, 242-4	1497+25	1500+00	275'
4	Install HDPE (MGE)	X		1.11	Sacr-235, 236-4	1428+30	1431+05	275'
5	Install HDPE (Tidwell)	X		1.11	Sacr-253, 254-4	1642+85	1648+55	570'
6	Install HDPE (Tidwell)	X		1.11	Sacr-223, 224-4	1286+55	1289+85	330'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Yellow - Contractor Pink - Inspector

Form 24-ADM 103E REV 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: EB

Spread/Site Number: South 4B

Hours Worked: 10

Day: Mo (Tu) We Th Fr (Sa) Su

Weather: CLEAR

Date: 1-6-01

Temp: 60

Contract No: 99P154.16

Contractor: TIDWELL

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11 ✓	Sacr-236-4	1431+10	1434+35	325'
2	Install HDPE (Slick Bore)	X		3.21 ✓	Sacr-236-4	1432+87	1433+03	16'
~~3~~	~~Install HDPE (Drill Tech)~~	~~X~~		~~1.11~~ ✓	~~Sacr-226-4~~	~~1320+60~~	~~1323+55~~	~~295'~~
~~4~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~ ✓	~~Sacr-226-4~~	~~1321+56~~	~~1323+55~~	~~199'~~
~~5~~	~~Install HDPE (MUE)~~	~~X~~		~~1.11~~ ✓	~~Sacr-235-4~~	~~1426+25~~	~~1428+20~~	~~195'~~
~~6~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~ ✓	~~Sacr-235-4~~	~~1426+62~~	~~1428+09~~	~~197'~~
~~7~~	~~Install HDPE (MUE)~~	X		~~1.11~~	~~Sacr-241-4~~	~~1493+70~~	~~1497+15~~	~~325'~~
8	INSTALL HDPE	X		1.11	SACR-236-4	1434+35	1434+38	3'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B - 4875

Hours Worked: 10

Day: Mo Tu We Th (Fr) Sa Su

Weather: Sunny

Date: 12-29-00

Temp: 50

Contract No: 99P154.16

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Plow)~~	~~X~~		~~1.11~~	~~227, 228, 229~~	~~1527+21~~	~~1548+87~~	~~2166~~
~~2~~	~~Install HDPE (Plow)~~	~~X~~		~~1.11~~	~~228, 229~~	~~1464+14~~	~~1472+49~~	~~835~~
~~3~~	↑	~~X~~		~~1.11~~	~~230~~	~~1457+60~~	~~1463+35~~	~~575~~
~~4~~	↓	~~X~~		~~1.11~~	~~231~~	~~1451+18~~	~~1453+50~~	~~232~~
~~5~~	↓	~~X~~		~~1.11~~	~~231~~	~~1444+30~~	~~1446+50~~	~~220~~
6	Install HDPE (Plow)	X		1.11	236	1434+38	1442+90	852
~~7~~	~~Install HDPE (Bore)~~	~~X~~		~~1.11~~	~~234~~	~~1654+80~~	~~1659+00~~	~~420~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B / 4875

Day: Mo Tu We (Th) Fr Sa Su Date: 2-8-01

Contract No: 99P154016

Hours Worked: 10

Weather: Clear Temp: 57°

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 3 Bore Rigs, 3 vac trucks, 3 mud trucks, 3 Back hoes, 1 Dump truck

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Tidwell)~~ Trench	~~X~~		~~1.11~~	~~SACR-232-233~~	~~1314+30~~	~~1315+55~~	~~125'~~
2	Install HDPE (Tidwell)	X		1.11	SACR-236-237	1442+95	1444+25	130'
3	INSTALL HDPE	X		1.11	SACR-236	1442+90	1442+95	5'
4	INSTALL HDPE	X		1.11	SACR-237	1444+25	1444+30	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

TOTAL LF 255

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Form 24 ADM 1005 REV 10/98

Inspector Daily Report

Page 1 of 1

Name: JR SMITS

Spread/Site Number: South 4B - 4875 Day: Mo Tu We Th (Fr) Sa Su Date: 12-29-00 Contract No: 99P154.16

Hours Worked: 10 Weather: Sunny Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): _____

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	~~Install HDPE (Plow)~~	~~X~~		~~1.11~~	~~[illegible]~~	~~1321+21~~	~~1346+87~~	~~2166~~
2	~~Install HDPE (Plow)~~	~~X~~		~~1.11~~	~~[illegible]~~	~~1464+44~~	~~1472+79~~	~~833~~
3	~~[illegible]~~	~~X~~		~~1.11~~	~~230~~	~~1457+60~~	~~1463+35~~	~~575~~
4	~~[illegible]~~	~~X~~		~~1.11~~	~~[illegible]~~	~~1451+18~~	~~1453+50~~	~~232~~
5	↓	X		1.11	237	1444+30	1446+50	220
6	~~Install HDPE (Plow)~~	~~X~~		~~1.11~~	~~[illegible]~~	~~1431+38~~	~~1440+70~~	~~832~~
7	~~Install HDPE (Bore)~~	X		[illegible]	254	1659+80	1663+00	420

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS: _____

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Inspector Daily Report

Page 1 of 1

Name: Deb Sincraugh

Spread/Site Number: South 4B

Hours Worked: 10

Day: Mo (Tu) We Th Fr Sa Su Date: 1-9-01

Weather: Clear Temp: 60

Contract No: 99P154.16

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 6 Bore Rigs, 6 vac trucks, 2 reel trucks, 6 mud trucks 2 Back hoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~ ✓	~~Sht 249-4~~	~~1399+60~~	~~1595+35~~	~~175~~
~~2~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~ ✓	~~Sht - 251-4~~	~~1610+60~~	~~1654+75~~	~~65~~
~~3~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~Sht-240-4~~	~~1184+55~~	~~1405+40~~	~~69~~
4	Install HDPE (Tidwell)	X		1.11	Sht- 237-4	1446+75	1451+00	425'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B - 4875

Hours Worked: 10

Day: Mo Tu We Th (Fr) Sa Su

Weather: Sunny

Date: 12-29-00

Temp: 50

Contract No: 99P154.16

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install Hope (Plow)~~	~~X~~		~~1.11~~	~~227, 228, 229~~	~~1527+21~~	~~1548+87~~	~~2166~~
~~2~~	~~Install Hope (Plow)~~	~~X~~		~~1.11~~	~~228, 229~~	~~1469+19~~	~~1472+99~~	~~835~~
~~3~~	~~↓~~	~~X~~		~~1.11~~	~~230~~	~~1457+60~~	~~1463+35~~	~~575~~
4	↓	X		1.11	237	1451+18	1453+50	232
~~5~~	↓	~~X~~		~~1.11~~	~~237~~	~~1444+30~~	~~1446+50~~	~~220~~
~~6~~	~~Install Hope (Plow)~~	~~X~~		~~1.11~~	~~236~~	~~1451+38~~	~~1442+90~~	~~852~~
~~7~~	~~Install Hope (Plow)~~	~~X~~		~~1.11~~	~~234~~	~~1634+60~~	~~1639+00~~	~~420~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Form 24 ADM 1005 REV 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR SMITH

Spread/Site Number: South 4B - 4875

Hours Worked: 10

Day: Mo (Tu) We Th Fr Sa Su

Weather: Clear

Date: 1-9-01

Temp: 60

Contract No: 99P154.16

Contractor: TIDWELL

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	INSTALL HDPE	X		1.11	SACR 237,238	1453+75	1457+40	365'
	(TIDWELL) SLICK BORE	X		3.21	SACR 237,238	1454+50	1455+05	55'
~~2~~	~~INSTALL HDPE~~	~~X~~		~~1.11~~	~~SACR 245~~	~~1547+00~~	~~1550+00~~	~~300'~~
	~~([illegible])~~							

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor; Yellow - Contractor; Pink - Inspector

Inspector Daily Report

Page 1 of 1

Name: JR SMITS

Spread/Site Number: South 4B - 4875

Hours Worked: 10

Day: Mo Tu We Th (Fr) Sa Su Date: 12-29-00

Weather: Sunny Temp: 50

Contract No: 99P154.16

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): _____

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~INSTALL HDPE (P100)~~	~~X~~		~~1.11~~	~~229~~	~~1537+21~~	~~1578+87~~	~~2166~~
~~2~~	~~INSTALL HDPE (P100)~~	~~X~~		~~1.11~~	~~238, 251~~	~~1461+44~~	~~1469+79~~	~~835~~
3	↑ ↓	X		1.11	238	1457+60	1463+35	575
~~4~~		~~X~~		~~1.11~~	~~251~~	~~1451+18~~	~~1453+50~~	~~232~~
~~5~~		~~X~~		~~1.11~~	~~251~~	~~1441+30~~	~~1443+50~~	~~220~~
~~6~~	~~INSTALL HDPE (P100)~~	~~X~~		~~1.11~~	~~238~~	~~1431+38~~	~~1439+90~~	~~858~~
~~7~~	~~INSTALL HDPE (P100)~~	~~X~~		~~1.11~~	~~251~~	~~1654+50~~	~~1656+00~~	~~150~~
8	INSTALL HDPE	X		1.11	238	1463+35	1464+14	79'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS: _____

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM-1005 REV. 10/98

Inspector Daily Report

Williams COMMUNICATIONS

Name: JR SMITS

Spread/Site Number: South 4B - 4875 | Day: Mo Tu We Th (Fr) Sa Su | Date: 12-29-00 | Contract No: 99P154:16

Hours Worked: 10 | Weather: Sunny | Temp: 50 | Contractor: Tidwell

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
2	INSTALL HDPE (Plow)	X		1.11	238 239	1464+14	1472+49	835

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Name: JR SMITS

Spread/Site Number: South 4B

Day: Mo Tu We (Th) Fr Sa Su Date: 1-18-01 Contract No: 99P154.16

Hours Worked: 10 Weather: Sunny Temp: 60 Contractor: TIDWELL

Contractor Equipment on Site (Quality & Type): 6 Bore Rigs, 6 Mud Trucks, 6 Vac Trucks 4 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	[illegible]	X		[illegible]	[illegible]	[illegible]	1068+75	[illegible]
2	SLICK BORE	X		[illegible]	SHCR 205	[illegible]	1061+00	300
3	[illegible]	X		[illegible]	SHCR 248, 249	1386+80	1388+30	[illegible]
4	[illegible]	X		[illegible]	SHCR 218, 219	1223+30	1229+85	655
5	INSTALL HDPE (TIDWELL)	X		1.11	SHCR 239	1472+60	1478+20	560'
6	SLICK BORE	X		3.21	SHCR 239	1472+60	1478+20	560'
7	INSTALL HDPE	X		1.11	SHCR-239	1472+49	1472+60	11'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Deb Sincraugh

Spread/Site Number: South 4B/4875

Day: Mo Tu We Th Fr (Sa) Su Date: 1-20-01

Contract No: 99P154.16

Hours Worked: 10

Weather: Sunny Temp: 55

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 3 Bore rigs, 3 vac trucks, 3 mud trucks, 1 reel truck, 3 Back hoes, 1 Dump truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11	Sucr- 239, 240	1478+30	1480+00	170'
2	INSTALL HDPE	X		1.11	SACR- 239	1478+20	1478+30	10'
3	INSTALL HDPE	X		1.11	SACR- 240	1480+00	1480+14	14'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24 ADM 1005 REV 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B - 4875

Day: Mo Tu We (Th) Fr Sa Su

Date: 12-28-00

Contract No: 99P154-16

Hours Worked: 10

Weather: Sunny

Temp: 50

Contractor: TIDWELL

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~[illegible]~~	~~X~~		~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~
~~2~~	↑	~~X~~		~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~
3	↓	X		1 11	240	1480+14	1484+54	440'
~~4~~	~~[illegible]~~	~~X~~		~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Name: Jeb Singraugh

Spread/Site Number: South 4B

Day: Mo (Tu) We Th Fr Sa Su Date: 1-9-01

Contract No: 99P154.16

Hours Worked: 10

Weather: Clear Temp: 60

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 6 Bore Rigs, 6 vac trucks, 2 reel trucks, 6 mud trucks 2 Back hoes

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~Sacr 240-4~~	~~1595+60~~	~~1595+95~~	~~135'~~
2	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~Sacr 240-4~~	~~1610+60~~	~~1615+95~~	~~135'~~
3	Install HDPE (Tidwell)	X		1.11	Sacr-240-4	1484+55	1485+40	85'
4	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~Sacr 237-1~~	~~1446+75~~	~~1445+60~~	~~135'~~
5	INSTALL HDPE	X		1.11	SACR-240	1484+54	1484+55	1'
6	INSTALL HDPE	X		1.11	SACR-240	1485+40	1485+86	46'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Name: JR SMITH

Spread/Site Number: South 4B - 4875

Hours Worked: 10

Day: Mo Tu We (Th) Fr Sa Su Date: 12-28-00

Weather: Sunny Temp: 50

Contract No: 99P154.16

Contractor: TIDWELL

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~INSTALL HDPE (Plow)~~	~~Y~~		~~1.11~~	~~240~~	~~1485+86~~	~~1488+01~~	~~475'~~
~~2~~	↕	~~Y~~		~~1.11~~	~~240~~	~~1500+76~~	~~1504+08~~	~~332'~~
~~3~~		~~Y~~		~~1.11~~	~~240~~	~~1485+86~~	~~1490+31~~	~~446'~~
4	INSTALL HDPE (Plow)	Y		1.11	240	1485+86	1488+01	215'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Williams. COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South4B

Day: Mo Tu We Th (Fr) Sa Su

Date: 1-5-01

Contract No: 99P154.16

Hours Worked: 12

Weather: Clear

Temp: 60

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 12 Bore Rigs, 12 Mud trucks, 12 vac trucks, 3 Reel trucks, 4 Back hoes 2 water trucks 1 Dump truck.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (MGE)	X		1.11 ✓	Sacr-240, 241-4	1490+20	1493+80	360'
2	Install HDPE (MGE)	X		1.11 ✓	Sacr-241, 242-4	1497+25	1504+00	675'
3	Install HDPE (Slick Bore)	X		3.21 ✓	Sacr-241, 242-4	1497+25	1500+00	275'
4	Install HDPE (MGE)	X		1.11	Sacr-235, 236-4	1428+30	1431+05	275'
5	Install HDPE (Tidwell)	X		1.11	Sacr-253, 254-4	1642+85	1648+55	570'
6	Install HDPE (Tidwell)	X		1.11	Sacr-223, 224-4	1286+55	1289+85	330'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Canary - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM 1035 REV. 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: EB

Spread/Site Number: South 4B

Hours Worked: 10

Day: Mo (Tu) We Th Fr (Sa) Su

Weather: CLEAR

Date: 1-6-01

Temp: 60

Contract No: 99P154.16

Contractor: TIDWELL

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Tidwell)~~	~~x~~		~~1.11~~	~~Sacr-236-4~~	~~1431+10~~	~~1434+35~~	~~325'~~
~~2~~	~~Install HDPE (Stick Bore)~~	~~x~~		~~3.21~~	~~Sacr-236-4~~	~~1432+07~~	~~1433+03~~	~~16'~~
~~3~~	~~Install HDPE (Drill Tech)~~	~~x~~		~~1.11~~	~~Sacr-226-4~~	~~1320+60~~	~~1323+55~~	~~295'~~
~~4~~	~~Install HDPE (Stick Bore)~~	~~x~~		~~3.21~~	~~Sacr-226-4~~	~~1321+56~~	~~1323+55~~	~~199'~~
~~5~~	~~Install HDPE (MGE)~~	~~x~~		~~1.11~~	~~Sacr-235-4~~	~~1426+25~~	~~1428+20~~	~~195'~~
~~6~~	~~Install HDPE (Stick Bore)~~	~~x~~		~~3.21~~	~~Sacr-235-4~~	~~1426+62~~	~~1428+09~~	~~147'~~
7	Install HDPE (MGE)	x		1.11	Sacr-241-4	1493+90	1497+15	325'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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FROM : Ken Pothier FAX NO. : 206 367 8489 Oct. 16 2001 05:50PM P2

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu We Th (Fr) Sa Su Date: 1-5-01

Contract No: 99P154.16

Hours Worked: 12

Weather: Clear

Temp: 60

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 12 Bore Rigs, 12 Mud trucks, 12 vac trucks, 3 Reel trucks, 4 Back hoes 2 water trucks 1 Dump truck.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (MGE)	X		1.11 ✓	Sacr-240, 241-4	1490+20	1493+80	360'
2	Install HDPE (MGE)	X		1.11 ✓	Sacr-241, 242-4	1497+25	1504+00	675'
3	Install HDPE (Slick Bore)	X		3.21 ✓	Sacr-241, 242-4	1497+25	1500+00	275'
4	Install HDPE (MGE)	X		1.11	Sacr-235, 236-4	1428+30	1431+05	275'
5	Install HDPE (Tidwell)	X		1.11	Sacr-253, 254-4	1642+85	1648+55	570'
6	Install HDPE (Tidwell)	X		1.11	Sacr-223, 224-4	1286+55	1289+85	330'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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White - Owner Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-6304 10-98 PEK 10/98

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B-4875

Hours Worked: 10

Day: Mo Tu We (Th) Fr Sa Su

Weather: Sunny

Date: 1-4-01

Temp: 60

Contract No: 99P154.16

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 12 Bore Rigs, 12 mud trucks, 12 vac trucks, 4 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	SLICK BORE (MGE)	X		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	INSTALL HDPE (MGE)	X		1.11	SHCR 242	1504+10	1508+80	470'
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	INSTALL HDPE	X		1.11	SHCR-242	1508+80	1509+00	20'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jebs Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu (We) Th Fr Sa Su Date: 1-3-01

Contract No: 99P154.16

Hours Worked: 10

Weather: Clear Temp: 61

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 10 Bore Rigs, 10 Mud trucks, 10 vac trucks, 3 reel trucks, 1 water truck, 4 backhoes, 1 Dumptruck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Mole)~~	~~X~~		~~1.11~~	~~Sour-233, 234~~	~~1905+15~~	~~1909+20~~	~~525~~
2	Install HDPE (PinPoint)	X		1.11	Sour-242-4	1509+00	1514+25	525'
					RIL on wrong side of road			

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B / 4875

Day: Mo Tu We (Th) Fr Sa Su Date: 2-8-01

Contract No: 99P154616

Hours Worked: 10

Weather: Clear Temp: 57°

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 3 Bore Rigs, 3 vac trucks, 3 mud trucks, 3 Back hoes, 1 Dump truck

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell) Trench	X		1.11	SACR-242-243	1514+30	1515+55	125' ✓
2	~~Install HDPE (Tidwell)~~	X		1.11	SACR-238-237	1442+75	1444+25	130' ✓
3	INSTALL HDPE	X		1.11	SACR-242	1514+25	1514+30	5'
4	INSTALL HDPE	X		1.11	SACR-243	1515+55	1515+60	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

TOTAL LF 255

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 23-ATWA-1005 REV 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: Deb Sincraugh
Spread/Site Number: South 4B
Day: Mo Tu We (Th) Fr Sa Su
Date: 12-21-00
Contract No: 99P154.16
Hours Worked: 12
Weather: Clear
Temp: 55
Contractor: Tidwell
Contractor Equipment on Site (Quality & Type): 5 Bore Rigs, 5 mud trucks, 5 vac trucks, 3 reel trucks, 4 Back hoes, 1 water truck, 1 Dump truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Pinpoint)	X		1.11 ✓	SACR-243	1515+60	1519+40	380'
~~2~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~SACR-231,232~~	~~1376+95~~	~~1384+55~~	~~460'~~
~~3~~	~~Install HDPE (Stickbore)~~	~~X~~		~~3.21~~	~~SACR-231,232~~	~~1381+44~~	~~1381+68~~	~~24'~~
~~4~~	~~Install HDPE (Stickbore)~~	~~X~~		~~3.21~~	~~SACR-231,232~~	~~1382+51~~	~~1382+56~~	~~25'~~
~~5~~	~~Install HDPE (Stickbore)~~	~~X~~		~~3.21~~	~~SACR-231,232~~	~~1383+37~~	~~1383+62~~	~~25'~~
6	INSTALL HDPE	X		1.11	SACR-243	1519+46	1519+50	10'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM-1005 REV. 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu (We) Th Fr Sa Su Date: 12-20-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Clear Temp: 62° Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 7 Bore rigs, 7 vac trucks, 7 mud trucks, 3 reel trucks, 4 Backhoes, 1 water truck 1 Dump truck,

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (MGE)~~	~~X~~		~~1.11~~	~~SACR-252,253~~	~~1515+20~~	~~1511+40~~	~~080'~~
~~2~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~5.21~~	~~SACR-232,233~~	~~1514+62~~	~~1514+84~~	~~22'~~
~~3~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~5.21~~	~~SACR-232,233~~	~~1515+00~~	~~1295+41~~	~~61'~~
~~4~~	~~Install HDPE (Slick Bore~~	~~X~~		~~5.21~~	~~SACR-252,253~~	~~1515+62~~	~~1395+80~~	~~10'~~
~~5~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~5.21~~	~~SACR-252,253~~	~~1516+25~~	~~1396+56~~	~~31'~~
~~6~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~5.21~~	~~SACR-252,253~~	~~1517+40~~	~~1511+40~~	~~22'~~
~~7~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~5.21~~	~~SACR-252,253~~	~~1518+01~~	~~1511+40~~	~~51'~~
~~8~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~SACR-224-4~~	~~1210+20~~	~~1211+00~~	~~80'~~
~~9~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~5.21~~	~~SACR-224-4~~	~~1215+00~~	~~1295+80~~	~~50~~
10	Install HDPE (Pin Point)	X		1.11	SACR-243-4	1519+50	1524+35	485'
~~11~~	~~Install HDPE (Boring)~~	~~X~~		~~1.11~~	~~SACR-243-4~~	~~1504+30~~	~~1504+45~~	~~215'~~
12	INSTALL HDPE	X		1.11	SACR-243	1524+35	1524+50	15'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM 1005 REV 10/98

Inspector Daily Report

Page 1 of 1

Name: Deb Sincraugh
Spread/Site Number: South 4B
Hours Worked: 10
Day: (Mo) Tu We Th Fr Sa Su Date: 12-18-00
Weather: Clear Temp: 62
Contract No: 99P154.16
Contractor: Tidwell
Contractor Equipment on Site (Quality & Type): 5 Bore Rigs, 5 mudd trucks, 5 vac trucks, 3 Reel trucks, 4 Backhoes, 1 Dumptruck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Cross Country)~~	~~X~~		~~1.11~~	~~Sht 250-4~~	~~1598+60~~	~~1604+50~~	~~190'~~
~~2~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sht 250-4~~	~~1604+00~~	~~1604+50~~	~~50'~~
3	Install HDPE (Pin Point)	X		1.11	Sht's 243, 244	1524+50	1527+90	340'
~~4~~	~~Install HDPE (Trench)~~	~~X~~		~~1.11~~	~~Sht 237-4~~	~~1384+70~~	~~1386+65~~	~~195'~~
~~5~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sht 238-4~~	~~1385+87~~	~~1386+26~~	~~39'~~
~~6~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sht 252-4~~	~~1286+50~~	~~1500+71~~	~~21'~~
~~7~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sht 238-4~~	~~1287+44~~	~~1287+65~~	~~21'~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B - 4875

Day: Mo Tu We (Th) Fr Sa Su

Date: 12-28-00

Contract No: 99P154 16

Hours Worked: 10

Weather: Sunny

Temp: 50

Contractor: TIDWELL

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	INSTALL HDPE (PLOW)	X		1.11	244-245	1536+25	1541+00	475'
2	↑	X		1.11	244-	1528+72	1536+08	736'
~~3~~	~~[illegible]~~	~~X~~		~~1.11~~	~~240~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~
~~4~~	~~INSTALL HDPE (PLOW)~~	~~X~~		~~1.11~~	~~240~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~
5	INSTALL HDPE - TRENCH	X		1.11	SACR-244	1527+90	1528+72	82'
6	INSTALL HDPE "	X		1.11	SACR-244	1536+08	1536+25	17'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24 ADM-1005 REV 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B / 4875

Day: Mo Tu (We) Th Fr Sa Su Date: 3-21-01

Contract No: 99P154.16

Hours Worked: 10

Weather: Partly Cloudy Temp: 65

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 1 Bore rig, 1 mud truck, 1 vac. truck, 1 reel truck, 1 Back hoe.

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE	X		1.11	Sacr-245	1541+00	1546+75	575' ✓
2	Install HDPE (Slick Bore	X		3.21	Sacr-245	1543+68	1544+68	100' ✓
3	Install HDPE(Slick Bore)	X		3.21	Sacr-245	1541+94	1542+31	37' ✓
4	INSTALL HDPE	X		1.11	SACR-245	1546+75	1547+00	25'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation
				Hedlined	

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM-1005 REV. 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Name: JR SMITS

Spread/Site Number: South 4B - 4875

Day: Mo (Tu) We Th Fr Sa Su

Date: 1-9-01

Contract No: 99P154.16

Hours Worked: 10

Weather: Clear

Temp: 60

Contractor: T. DWELL

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~INSTALL HDPE~~	~~X~~		~~1.11~~	~~SALE 251,038~~	~~1455+75~~	~~1457+40~~	~~365'~~
~~2~~	~~(T. DWELL) Self Bore~~	~~X~~		~~3.21~~	~~SALE 251,038~~	~~1454+50~~	~~1455+05~~	~~55'~~
2.	INSTALL HDPE (Cross Country)	X		1.11	SALE 245	1547+00	1550+00	300'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Hours Worked: 12

Day: Mo Tu We (Th) Fr Sa Su Date: 1-4-01

Weather: Clear Temp: 60

Contract No: 99P154.16

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 12 Bore Rigs, 12 mud trucks, 12 vac trucks, 2 reel trucks, 1 water truck, 4 Backhoes 2 Dump trucks

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~ ✓	~~Sht 223-4~~	~~1201+55~~	~~1206+45~~	~~490'~~
~~2~~	~~Install HDPE (Stick Bore)~~	~~X~~		~~3.21~~ ✓	~~Sht 223-4~~	~~1386+81~~	~~1386+26~~	~~44'~~
3	Install HDPE (Cross Country)	X		1.11 ✓	Sht-245, 246	1550+25	1553+85	360'
~~4~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~ ✓	~~Sht 252-4~~	~~1637+55~~	~~1642+80~~	~~525'~~
~~5~~	~~Install HDPE (Stick Bore)~~	~~X~~		~~3.21~~ ✓	~~Sht 253-4~~	~~1637+65~~	~~1642+80~~	~~515~~
~~6~~	~~Install HDPE (Make)~~	~~X~~		~~1.11~~ ✓	~~Sht 234-4~~	~~1409+25~~	~~1413+30~~	~~405'~~
~~7~~	~~Install HDPE (Stick Bore)~~	~~X~~		~~3.21~~ ✓	~~Sht 234-4~~	~~1409+87~~	~~1410+03~~	~~16'~~
~~8~~	~~Install HDPE (Stick Bore)~~	~~X~~		~~3.21~~ ✓	~~Sht 234-4~~	~~1412+73~~	~~1413+03~~	~~10'~~
~~9~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~Sht 190-4~~	~~1177+55~~	~~1183+35~~	~~580'~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh
Spread/Site Number: South 4B / 4875
Hours Worked: 10
Day: Mo (Tu) We Th Fr Sa Su Date: 1-16-01
Weather: Clear Temp: 52
Contract No: 99P154.16
Contractor: Tidwell
Contractor Equipment on Site (Quality & Type): 4 Bore Rigs, 4 mud trucks, 4 Vac trucks, 3 Backhoes, 2 Reel trucks

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Tidwell)~~	~~x~~		~~1.11~~	~~SACR-255-4~~	~~1553+55~~	~~1554+85~~	~~530'~~ ✓
~~2~~	~~Install HDPE (Tidwell)~~	~~x~~		~~1.11~~	~~SACR-255-4~~	~~1553+20~~	~~1553+50~~	~~330'~~
3	Install HDPE (Cross Country)	x		1.11	SACR-246-4	1553+90	1554+85	95'
4	Install HDPE (Slick Bore)	x		3.21	SACR-246-4	1554+00	1554+85	85'
5	INSTALL HDPE	x		1.11	SACR-246	1553+85	1553+90	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: JR Smits

Spread/Site Number: South 4B- 4875

Day: Mo Tu (We) Th Fr Sa Su Date: 12-27-00

Contract No: 99P154-16

Hours Worked: 10

Weather: Sunny Temp: 50

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	INSTALL HDPE (PLOW)	X		1.11	SACR 248	1578+35	1584+00	565
2	INSTALL HDPE (PLOW)	X		1.11	SACR 247,248	1573+90	1576+65	275
3	INSTALL HDPE (PLOW)	X		1.11	SACR 246	1559+38	1562+70	332
4	INSTALL HDPE (PLOW)	X		~~1.11~~ PAID 1-9-01	~~SACR 249~~ SACR	~~1593+90~~ OVERLAP *	~~1595+05~~	~~115~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation
	/				

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: JR Smits

Spread/Site Number: South 4B - 4875

Day: Mo Tu (We) Th Fr Sa Su Date: 12-27-00 Contract No: 990154.16

Hours Worked: 10 Weather: Sunny Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~INSTALL HDPE (PLOW)~~	~~X~~		~~1.11~~	~~SHCR 248~~	~~1570+35~~	~~1580+00~~	~~565~~
2	Install HDPE (Plow)	X		1.11	SHCR 247,248	1573+90	1576+65	275
~~3~~	~~INSTALL HDPE (PLOW)~~	X		~~1.11~~	~~SHCR 246~~	~~1559+39~~	~~1562+74~~	~~335~~
~~4~~	~~INSTALL HDPE (PLOW)~~	X		~~1.11~~	~~SHCR 249~~	~~1593+70~~	~~1599+85~~	~~615~~
				PAID 1-9-01	JEBS.			
						OVERLAP *		

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincpaugh
Spread/Site Number: South 4B/4875
Hours Worked: 10
Day: Mo Tu We Th Fr (Sa) Su
Weather: Rain
Date: 2-10-01
Temp: 41°
Contract No: 99P154.16
Contractor: Tidwell
Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11	Sacr-248-4	1576+70	1578+30	160' ✓
~~2~~	~~Install HDPE (Tidwell)~~	X		~~1.11~~	~~SACR-231,232~~	~~1622+10~~	~~1625+90~~	~~350~~ ✓
3	INSTALL HDPE	X		1.11	SACR-248	1576+65	1576+70	5'
4	INSTALL HDPE	X		1.11	SACR-248	1578+30	1578+35	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

TOTAL 1.11 510

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Williams. COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B-4875

Day: Mo Tu (We) Th Fr Sa Su

Date: 12-27-00

Contract No: 99P154.16

Hours Worked: 10

Weather: Sunny

Temp: 50

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	INSTALL HDPE (PLOW)	X		1.11	SACR 248	1578+35	1584+00	565
~~2~~	~~INSTALL HDPE (PLOW)~~	~~X~~		~~1.11~~	~~SACR 247,248~~	~~1573+90~~	~~1576+65~~	~~275~~
~~3~~	~~INSTALL HDPE (PLOW)~~	~~X~~		~~1.11~~	~~SACR 246~~	~~1559+38~~	~~1560+70~~	~~332~~
~~4~~	~~INSTALL HDPE (PLOW)~~	~~X~~		~~1.11~~	~~SACR 249~~	~~1593+90~~	~~1595+05~~	~~115~~
5	INSTALL HDPE	X		1.11-9-01	SACR-248	1584+00	1584+30	30'
						OVERLAP *		

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Form 24 ADM 1005 REV 10/99

Inspector Daily Report

Page 1 of 1

Name: Jeb Singfaugh

Spread/Site Number: South 4B

Day: Mo Tu (We) Th Fr Sa Su Date: 12-20-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Clear Temp: 62° Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 7 Bore rigs, 7 vac trucks, 7 mud trucks, 3 reel trucks, 4 Backhoes, 1 water truck 1 Dump truck,

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (MOE)~~	~~X~~		~~1.11~~	~~Sacr 232,233~~	~~1515+20~~	~~1399+46~~	~~620'~~
~~2~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sacr 232,233~~	~~1514+04~~	~~1394+82~~	~~221~~
~~3~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sacr 232,233~~	~~1513+00~~	~~1395+21~~	~~214~~
~~4~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sacr 232,233~~	~~1511+06~~	~~1395+80~~	~~101~~
~~5~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sacr 232,233~~	~~1396+25~~	~~1396+56~~	~~31~~
~~6~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sacr 232,233~~	~~1397+48~~	~~1397+69~~	~~221~~
~~7~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sacr 232,233~~	~~1508+01~~	~~1513+40~~	~~534~~
~~8~~	~~Install HDPE (Pickwell)~~	~~X~~		~~1.11~~	~~Sacr-224-4~~	~~1290+50~~	~~1294+30~~	~~430'~~
~~9~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sacr 224-4~~	~~1293+00~~	~~1293+50~~	~~50'~~
~~10~~	~~Install HDPE (Dimpleman)~~	~~X~~		~~1.11~~	~~Sacr 248-4~~	~~1519+60~~	~~1524+35~~	~~486'~~
11	Install HDPE (Cross Country)	X		1.11	Sacr-248-4	1584+30	1586+45	215'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM 1005 REV 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B

Day: Mo Tu We (Th) Fr Sa Su

Date: 1-18-01

Contract No: 99P154.16

Hours Worked: 10

Weather: Sunny

Temp: 60

Contractor: T. Dwell

Contractor Equipment on Site (Quality & Type): 6 Bore Rigs, 6 Mud Trucks, 6 Vac Trucks 4 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY. ALS
~~1~~	~~Install HDPE (T. Dwell)~~	~~X~~		~~1.11~~	~~SACR-205~~	~~1064+10~~ 1064+10	~~1068+75~~	~~475~~ ✓
~~2~~	~~Slick Bore~~	~~X~~		~~3.21~~	~~SACR-205~~	~~1064+10~~ 1064+10	~~1067+00~~	~~300~~ ~~290~~
3	Install HDPE (T. Dwell)	X		1.11	SACR 248, 249	1586 + 80	1588 + 30	150' ✓
~~4~~	~~Install HDPE (MES)~~	~~X~~		~~1.11~~	~~SACR 248, 249~~	~~1223+30~~	~~1229+85~~	~~635'~~ ✓
~~5~~	~~Install HDPE (T. Dwell)~~	~~X~~		~~1.11~~	~~SACR-239~~	~~1472+60~~	~~1478+20~~	~~560'~~ ✓
~~6~~	~~Slick Bore~~	~~X~~		~~3.21~~	~~SACR-239~~	~~1472+60~~	~~1478+20~~	~~560'~~ ✓
7	INSTALL HDPE - TRENCH	X		1.11	SACR-248	1586+45	1586+80	35'
8	INSTALL HDPE - TRENCH	X		1.11	SACR-249	1588+30	1588+60	30'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Form 24-ADM-1005 REV 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh
Spread/Site Number: South 4B
Hours Worked: 10
Day: Mo (Tu) We Th Fr Sa Su
Date: 12-19-00
Weather: Clear
Temp: 62
Contract No: 99P154.16
Contractor: Tidwell
Contractor Equipment on Site (Quality & Type): 8 Bore Rigs, 8 vac trucks, 8 mud trucks, 3 Reel trucks, 4 Back hoes, 1 water truck 1 Dump truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Cross Country)	X		1.11	Sacr-249-4	1588+60	1591+65	305'
2	Install HDPE (Slick Bore)	X		3.21	Sacr-249-4	1589+12	1589+30	18'
~~3~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~Sacr-231-4~~	~~1376+05~~	~~1379+90~~	~~385'~~
~~4~~	~~Install HDPE (Slick Bore)~~	X		~~3.21~~	~~Sacr-231-4~~	~~1375+50~~	~~1375+68~~	~~18'~~
~~5~~	~~Install HDPE (Slick Bore)~~	X		~~3.21~~	~~Sacr-231-4~~	~~1375+97~~	~~1376+18~~	~~21'~~
~~6~~	~~Install HDPE (Slick Bore)~~	X		~~3.21~~	~~Sacr-231-4~~	~~1377+37~~	~~1377+87~~	~~50'~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM-1005 REV 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu (We) Th Fr Sa Su

Date: 12-27-00

Contract No: 99P154.16

Hours Worked: 12

Weather: Sunny

Temp: 53

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 5 Bore Rigs, 5 mud trucks, 5 Vac Trucks, 3 Reel trucks, 3 Backhoes, 1 Dumptruck

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Mole)~~	~~X~~		~~1.11~~	~~Sacr 233 1~~	~~1511+50~~	~~1505+10~~	~~560'~~
~~2~~	~~Install HDPE (Stick Bore)~~	~~X~~		~~3.21~~	~~Sacr 233 1~~	~~1394+50~~	~~1405+10~~	~~510'~~
~~3~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~Sacr 252, 253~~	~~1631+05~~	~~1637+40~~	~~555'~~
~~4~~	~~Install HDPE (Stick Bore)~~	~~X~~		~~3.21~~	~~Sacr 252, 253~~	~~1695+54~~	~~1695+54~~	~~1'~~
5	Install HDPE (Tidwell)	X		1.11	Sacr-252	1625+95	1631+75	580'
6	Install HDPE (Stick Bore)	X		3.21	Sacr-252	1627+87	1628+00	13'
~~7~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~Sacr 217~~	~~1207+40~~	~~1212+30~~	~~490'~~
8	INSTALL HDPE	X		1.11	SACR-252	1635/1675	1631+85	10'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24 ADM 1005 REV 10/99

Inspector Daily Report

Page 1 of 1

Name: Jeb Sivcraugh

Spread/Site Number: South 4B

Day: Mo Tu (We) Th Fr Sa Su Date: 12-27-00

Contract No: 99P154.16

Hours Worked: 12

Weather: Sunny

Temp: 53

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 5 Bore Rigs, 5 mud trucks, 5 Vac Trucks, 3 Reel trucks, 3 Backhoes, 1 Dumptruck

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (MGE)~~	X		~~1.11~~	~~Sheet 253-4~~	~~1391+50~~	~~1405+10~~	~~560'~~
~~2~~	~~Install HDPE (Slick Bore)~~	X		~~3.21~~	~~Sheet 253-4~~	~~1391+50~~	~~1405+10~~	~~560'~~
3	Install HDPE (Tidwell)	X		1.11	Sheet-252,253	1631+85	1637+40	555'
4	Install HDPE (Slick Bore)	X		3.21	Sheet-252,253	1633+37	1635+34	197'
~~5~~	~~Install HDPE (Newell)~~	~~X~~		~~1.11~~	~~Sheet 253~~	1625+95	~~1631+75~~	~~580'~~
~~6~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sheet 252~~	~~1627+87~~	~~1628+00~~	~~13'~~
~~7~~	~~Install HDPE (Newell)~~	~~X~~		~~1.11~~	~~Sheet 247~~	~~1207+40~~	~~1211+50~~	410'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh
Spread/Site Number: South 4B
Hours Worked: 12
Day: Mo Tu We (Th) Fr Sa Su Date: 1-4-01
Weather: Clear Temp: 60
Contract No: 99P154.16
Contractor: Tidwell
Contractor Equipment on Site (Quality & Type): 12 Bore Rigs, 12 mud trucks, 12 vac trucks, 2 reel trucks, 1 water truck, 4 Backhoes 2 Dump trucks

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~ ✓	~~Sacr-253-4~~	~~1281+66~~	~~1286+45~~	~~490'~~
~~2~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~ ✓	~~Sacr-253-4~~	~~1285+81~~	~~1286+26~~	~~44'~~
~~3~~	~~Install HDPE (Cross Country)~~	~~X~~		~~1.11~~ ✓	~~Sacr-245, 246~~	~~1550+25~~	~~1553+85~~	~~360'~~
4	Install HDPE (Tidwell)	X		1.11 ✓	Sacr-253-4	1637+55	1642+80	525'
5	Install HDPE (Slick Bore)	X		3.21 ✓	Sacr-253-4	1637+65	1642+80	515
~~6~~	~~Install HDPE (Misc.)~~	~~X~~		~~1.11~~ ✓	~~Sacr-234-11~~	~~1409+35~~	~~1413+30~~	~~395'~~
~~7~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~ ✓	~~Sacr-234-11~~	~~1409+87~~	~~1410+03~~	~~16'~~
~~8~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~ ✓	~~Sacr-234-11~~	~~1413+03~~	~~1413+03~~	~~1'~~
~~9~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~Sacr-190-11~~	~~977+55~~	~~982+35~~	~~580'~~
10	INSTALL HDPE	X		1.11	SACR-253	1637+40	1637+55	15'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Williams. COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo (Tu) We Th Fr Sa Su

Date: 1-9-01

Contract No: 99P154.16

Hours Worked: 10

Weather: Clear

Temp: 60

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 6 Bore Rigs, 6 vac trucks, 2 reel trucks, 6 mud trucks 2 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Tidwell)~~	~~x~~		~~1.11~~ ✓	~~Sacr-249-4~~	~~1593+60~~	~~1595+35~~	~~175'~~
2	Install HDPE (Tidwell)	x		1.11 ✓	Sacr-254-4	1648+60	1654+75	615'
~~3~~	~~Install HDPE (Tidwell)~~	~~x~~		~~1.11~~	~~Sacr-240-4~~	~~1484+55~~	~~1485+40~~	~~85'~~
~~4~~	~~Install HDPE (Tidwell)~~	~~x~~		~~1.11~~	~~Sacr-257-4~~	~~1446+75~~	~~1451+60~~	~~125'~~
5	INSTALL HDPE	x		1.11	SACR-254	1648+55	1648+60	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: JR Smits

Spread/Site Number: South 48 - 4875 Day: Mo Tu (We) Th Fr Sa Su Date: 12-20-00 Contract No: 99154.16

Hours Worked: 12 Weather: Sunny Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): Spider plow, winch truck, Bull Dozer, 7 Bore Rigs, 7 mud Trucks 7 Vac Trucks 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~INSTALL HDPE (Plow)~~	~~X~~		~~1.11~~	~~SHEET 255~~	~~1708+35~~	~~1710+00~~	~~165'~~
~~2~~		~~X~~		~~1.11~~	~~SHEET 255-254~~	~~1203+80~~	~~1207+80~~	~~400'~~
~~3~~		~~X~~		~~1.11~~	~~SHEET 254~~	~~1676+20~~	~~1681+00~~	~~480'~~
~~4~~		~~X~~		~~1.11~~	~~SHEET 254~~	~~1673+20~~	~~1674+00~~	~~80'~~
~~5~~		~~X~~		~~1.11~~	~~SHEET 254-256~~	~~1670+25~~	~~1672+75~~	~~250'~~
~~6~~		~~X~~		~~1.11~~	~~SHEET 255~~	~~1668+70~~	~~1669+70~~	~~100'~~
~~7~~		~~X~~		~~1.11~~	~~SHEET 254-255~~	~~1607+75~~	~~1623+37~~	~~1562'~~
~~8~~		~~X~~		~~1.11~~	~~SHEET 249-250~~	~~1599+70~~	~~1599+70~~	~~900~~
9	INSTALL HDPE (Plow)	X		1.11	SHEET 249	1592+25	1593+40	~~155~~ 115'
9.5	INSTALL HDPE	X		1.11	SHEET-249	1593+40	1593+60	20'
~~10~~	~~INSTALL HDPE (Plow)~~	~~X~~		~~1.11~~	~~SHEET 253~~	~~1693+00~~	~~1686+63~~	~~363'~~
11	INSTALL HDPE - TRENCH	X		1.11	SHEET-249	1591+65	1592+25	60'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo (Tu) We Th Fr Sa Su

Date: 1-9-01

Contract No: 99P154.16

Hours Worked: 10

Weather: Clear

Temp: 60

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 6 Bore Rigs, 6 vac trucks, 2 reel trucks, 6 mud trucks 2 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	x		1.11 ✓	Sacr-249-4	1593+60	1595+35	175'
~~2~~	~~Install HDPE (Tidwell)~~	~~x~~		~~1.11~~ ✓	~~Sacr-254-4~~	~~1648+60~~	~~1654+75~~	~~615'~~
~~3~~	~~Install HDPE (Tidwell)~~	~~x~~		~~1.11~~	~~Sacr-240-4~~	~~1484+55~~	~~1485+40~~	~~85'~~
~~4~~	~~Install HDPE (Tidwell)~~	~~x~~		~~1.11~~	~~Sacr-237-4~~	~~1446+75~~	~~1451+00~~	~~125'~~
5	INSTALL HDPE	x		1.11	SACR-249	1595+35	1595+40	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution Original Spread Supervisor Yellow Contractor Pink Inspector

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 48 - 4875

Day: Mo Tu (We) Th Fr Sa Su Date: 12-20-00 Contract No: 99154.16

Hours Worked: 12 Weather: Sunny Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): Spider plow, winch Truck, Bull Dozer, 7 Bore Rigs, 7 mud Trucks 7 Vac Trucks 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	INSTALL HDPE (plow)	~~X~~		~~1.11~~	~~SALR 255~~	~~1708+35~~	~~1710+00~~	~~165'~~
~~2~~		~~X~~		~~1.11~~	~~SALR 250, 255~~	1703+80	~~1707+80~~	~~400'~~
~~3~~		~~X~~		~~1.11~~	~~SALR 250~~	~~1676+20~~	~~1681+00~~	~~480'~~
~~4~~		~~X~~		~~1.11~~	~~SALR 250~~	~~1673+20~~	~~1677+00~~	~~80'~~
~~5~~		~~X~~		~~1.11~~	~~SALR 250, 255~~	~~1670+25~~	~~1672+75~~	~~250'~~
~~6~~		~~X~~		~~1.11~~	~~SALR 255~~	~~1668+70~~	~~1669+70~~	~~100'~~
~~7~~		~~X~~		~~1.11~~	~~SALR 250, 231~~	~~1607+25~~	~~1622+57~~	~~1532'~~
~~8~~		~~X~~		1.11	SALR 245, 250	1595+40	1599+40	400
~~9~~	INSTALL PIPE (HDPE)	~~X~~		~~1.11~~	~~SALR 245~~	~~1592+25~~	~~1593+40~~	~~115'~~ 115'
~~10~~	~~INSTALL PIPE (HDPE)~~	~~X~~		~~1.11~~	~~SALR 250~~	~~1683+00~~	~~1688+03~~	~~503'~~
11	INSTALL HDPE	X		1.11	SALR- 250	1599+00	1599+40	40'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24 ADM 1005 REV 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: (Mo) Tu We Th Fr Sa Su

Date: 12-18-00

Contract No: 99P154.16

Hours Worked: 10

Weather: Clear

Temp: 62

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 5 Bore Rigs, 5 mudd trucks, 5 vac trucks, 3 Reel trucks, 4 Backhoes, 1 Dump truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Cross Country)	X		1.11	Sacr-250-4	1599+60	1604+50	490'
2	Install HDPE (Slick Bore)	X		3.21	Sacr-250-4	1604+00	1604+50	50'
~~3~~	~~Install HDPE (Pin Point)~~	~~X~~		~~1.11~~	~~Sacr-243,244~~	~~1524+50~~	~~1527+90~~	~~340'~~
~~4~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~Sacr-252-4~~	~~1384+70~~	~~1389+65~~	~~495'~~
~~5~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sacr-252-4~~	~~1385+81~~	~~1386+25~~	~~50'~~
~~6~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sacr-252-4~~	~~1386+50~~	~~1386+71~~	~~21'~~
~~7~~	~~Install HDPE (Slick Bore)~~	~~X~~		~~3.21~~	~~Sacr-232-4~~	~~1387+44~~	~~1387+65~~	~~21'~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM-1005 REV 10/98

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B - 4875 Day: Mo Tu We Th Fr (Sa) Su Date: 12-16-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Sonny Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 4 Bore Rigs, 4 Mud Trucks, 4 Vac Trucks, 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE	X		1.11	SACR 250	1604+50	1607+30	280'
2	Slick Bore (Cross Country)	X		3.21	SACR 250	1604+50	1607+00	250'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24 ADM-1005 REV 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B/4875

Hours Worked: 10

Day: Mo Tu We Th Fr (Sa) Su

Date: 2-10-01

Weather: Rain

Temp: 41°

Contract No: 99P154.16

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): _____

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~SALR-250-1~~	~~1576+70~~	~~1579+30~~	~~160'~~ ✓
2	Install HDPE (Tidwell)	X		1.11	SALR-251,252	1622+40	1625+90	350' ✓
3	INSTALL HDPE - TRENCH	X		1.11	SALR-251	1622+35	1622+40	5'
3	INSTALL HDPE - TRENCH	X		1.11	SALR-251	1625+90	1625+95	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

TOTAL 1.11 510

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS: _____

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Distribution: Original - Spread Supervisor Yellow Contractor Pink Inspector

Form 24 ADM 1805 REV 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B-4875

Hours Worked: 10

Day: Mo Tu We Th (Fr) Sa Su

Weather: Sunny

Date: 12-29-00

Temp: 50

Contract No: 99P154.16

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Plow)~~	~~X~~		~~1.11~~	~~221, 228, 229~~	~~1327+21~~	~~1348+87~~	~~2166~~
~~2~~	~~Install HDPE (Plow)~~	~~X~~		~~1.11~~	~~220, 221~~	~~1464+14~~	~~1472+99~~	~~835~~
~~3~~	~~X~~	~~X~~		~~1.11~~	~~220~~	~~1457+60~~	~~1463+35~~	~~575~~
~~4~~	~~X~~	~~X~~		~~1.11~~	~~224~~	~~1451+18~~	~~1453+50~~	~~232~~
~~5~~	~~X~~	~~X~~		~~1.11~~	~~227~~	~~1444+30~~	~~1446+50~~	~~220~~
~~6~~	~~INSTALL HDPE (Plow)~~	~~X~~		~~1.11~~	~~226~~	~~1434+38~~	~~1442+70~~	~~832~~
7	Install HDPE (Bore)	X		1.11	254	1654+80	1659+00	420
8	INSTALL HDPE	X		1.11	SALR-254	1659+00	1659+15	15'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Distribution: Original Spread Supervisor Yellow Contractor Pink Inspector

Form 24 ADM 1005 REV 10-98

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B/4875

Day: Mo Tu (We) Th Fr Sa Su Date: 1-17-01

Contract No: 99P154.16

Hours Worked: 10

Weather: Clear Temp: 60

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 4 Bore Rigs, 4 Vac trucks, 4 mud trucks, 2 Reel trucks, 3 Backhoes, 1 Dump truck.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11	SACR-254-255	1659+15	1659+95	80' ✓
2	INSTALL HDPE - TRENCH	X		1.11	SACR-255	1659+95	1660+20	25'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM-1005 REV 10/98

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh
Spread/Site Number: South 4B / 4875
Hours Worked: 10
Day: Mo (Tu) We Th Fr Sa Su Date: 1-16-01
Weather: Clear Temp: 52
Contract No: 99P154.16
Contractor: Tidwell
Contractor Equipment on Site (Quality & Type): 4 Bore Rigs, 4 mud trucks, 4 Vac trucks, 3 Backhoes, 2 Reel trucks

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11	Sacr-255-4	1663+55	1668+65	510'
2	Install HDPE (Tidwell)	X		1.11	Sacr-255-4	1660+20	1663+50	330'
~~3~~	~~Install HDPE (Cross County)~~	~~X~~		~~1.11~~	~~Sacr-246-4~~	~~1553+90~~	~~1554+85~~	~~95'~~
~~4~~	~~Install HDPE (Directional Bore)~~	~~X~~		~~5.21~~	Sacr-246-4	~~1554+00~~	~~1554+86~~	~~85'~~
5	INSTALL HDPE - TRENCH	X		1.11	SACR-255	1663+50	1663+55	5'
6	INSTALL HDPE	X		1.11	SACR-255	1668+65	1668+70	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: JR Smits

Spread/Site Number: South 48 - 4875 Day: Mo Tu (We) Th Fr Sa Su Date: 12-20-00 Contract No: 99154.16

Hours Worked: 12 Weather: Sunny Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): Spider plow, winch Truck, Bull Dozer, 7 Bore Rigs, 7 mud Trucks 7 Vac Trucks 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~INSTALL HDPE (PLOW)~~	~~X~~		~~1.11~~	~~SHEET 254~~	~~1708+35~~	~~1710+00~~	~~165'~~
~~2~~		~~X~~		~~1.11~~	~~SHEET 256~~	~~1703+80~~	~~1704+80~~	~~100'~~
~~3~~		~~X~~		~~1.11~~	~~SHEET 256~~	~~1676+20~~	~~1681+00~~	~~480'~~
4		X		1.11	SHEET 256	1673+20	1674+00	80'
5		X		1.11	SHEET 255, 256	1670+25	1672+75	250'
~~6~~		X		1.11	SHEET 255	1668+70	1669+70	100'
~~7~~		~~X~~		~~1.11~~	~~SHEET 254~~	~~1607+75~~	~~1609+37~~	~~161'~~
~~8~~		~~X~~		~~1.11~~	~~SHEET 255~~	~~1595+40~~	~~1596+40~~	~~100'~~
~~9~~	~~INSTALL HDPE (PLOW)~~	~~X~~		~~1.11~~	~~SHEET 255~~	~~1512+85~~	~~1514+24~~	~~139' 115'~~
9.5	INSTALL HDPE	X		1.11	SHEET-255	1670+25	1671+00	75'
~~10~~	~~INSTALL HDPE (PLOW)~~	~~X~~		~~1.11~~	~~SHEET 255~~	~~1603+80~~	~~1604+85~~	~~105'~~
11	INSTALL HDPE - TRENCH	X		1.11	SHEET-255	1669+70	1670+25	55'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Form 24 ADM 100% REV 10/99

Inspector Daily Report

Page 1 of 1

Name: Deb Sincraugh

Spread/Site Number: South 4B/4875

Day: Mo Tu We Th (Fr) Sa Su Date: 2-2-01

Contract No: 99P154.16

Hours Worked: 10

Weather: Sunny Temp: 62°

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 4 Bore Rigs, 4 Vac trucks, 4 mud trucks, 1 Reel truck, 3 Backhoes.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11	SACR-256-4	1674+20	1676+00	180' ✓
2	Install HDPE (SlickBore)	X		3.21	SACR-256-4	1675+03	1675+23	20' ✓
3	INSTALL HDPE-TRENCH	X		1.11	SACR-256	1674+00	1674+20	20'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 48 - 4875 Day: Mo Tu (We) Th Fr Sa Su Date: 12-20-00 Contract No: 99154.16

Hours Worked: 12 Weather: Sunny Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): Spider plow, winch Truck, Bulldozer, 7 Bore Rigs, 7 mud Trucks 7 Vac Trucks 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~INSTALL HDPE (Plow)~~	~~X~~		~~1.11~~	~~SACR 254~~	~~1708+35~~	~~1710+00~~	~~165'~~
~~2~~	↑	~~X~~		~~1.11~~	~~SACR 256 254~~	~~1703+80~~	~~1707+80~~	~~400'~~
3		X		1.11	SACR 256	1676+20	1681+00	480'
~~4~~		~~X~~		~~1.11~~	~~SACR 251~~	~~1673+80~~	~~1674+00~~	~~80'~~
~~5~~		~~X~~		~~1.11~~	~~SACR 255 251~~	~~1670+25~~	~~1672+75~~	~~250'~~
~~6~~		~~X~~		~~1.11~~	~~SACR 255~~	~~1668+70~~	~~1669+70~~	~~100'~~
~~7~~		~~X~~		~~1.11~~	~~SACR 252 251~~	~~1607+75~~	~~1628+37~~	~~1462'~~
~~8~~	↓	~~X~~		~~1.11~~	~~SACR 249, 250~~	~~1595+70~~	~~1599+40~~	~~400~~
~~9~~	~~INSTALL HDPE (Plow)~~	~~X~~		~~1.11~~	~~SACR 249~~	~~1592+85~~	~~1593+40~~	~~155 115'~~
~~10~~	~~INSTALL HDPE (Plow)~~	~~X~~		~~1.11~~	~~SACR 255~~	~~1683+00~~	~~1686+63~~	~~363'~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of ____

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B 4875

Day: Mo Tu (We) Th Fr Sa Su Date: 1-31-01 Contract No: 99P154.16

Hours Worked: 10 Weather: Sunny Temp: 58° Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 4 Bore Rigs, 4 mud trucks, 5 vac trucks, 1 Reel truck, 3 Backhoes.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~SALR-215-4~~	~~1181+90~~	~~1184+85~~	~~295~~ ✓
2	~~Install HDPE (Steel Bore)~~	~~X~~		~~3.21~~	~~SALR-215-4~~	~~1182+94~~	~~1183+69~~	~~75'~~ ✓
3	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~SALR-203-4~~	~~1158+10~~	~~1162+95~~	~~485'~~ ✓
4	~~Install HDPE (Steel Bore)~~	~~X~~		~~3.21~~	~~SALR-203-4~~	~~1158+98~~	~~1159+10~~	~~12'~~ ✓
5	~~Install HDPE (Steel Bore)~~	~~X~~		~~3.21~~	~~SALR-203-4~~	~~1160+87~~	~~1160+99~~	~~12'~~ ✓
6	Install HDPE (Tidwell)	X		1.11	SALR-256-4	1681+10	1682+90	180' ✓
7	INSTALL HDPE	X		1.11	SALR-256	1681+00	1681+10	10'
8	INSTALL HDPE	X		1.11	SALR-256	1682+90	1683+00	10'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

TOTALS: 1.11 880

3.21 99

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Distribution: Original - Spread Supervisor Yellow Contractor Pink Inspector

Form 24 ADM 1005 REV 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 48 - 4875 Day: Mo Tu (We) Th Fr Sa Su Date: 12-20-00 Contract No: 99154.16

Hours Worked: 12 Weather: Sunny Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): Spider plow, winch Truck, Bulldozer, 7 Bore Rigs, 7 mud Trucks 7 Vac Trucks 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~INSTALL HDPE (PLOW)~~	~~X~~		~~1.11~~	~~SACR 256~~	~~1708+35~~	~~1710+00~~	~~165'~~
~~2~~	↑	~~X~~		~~1.11~~	~~SACR 256-259~~	~~1703+80~~	~~1707+80~~	~~400'~~
~~3~~		~~X~~		~~1.11~~	~~SACR 256~~	~~1676+00~~	~~1681+00~~	~~400'~~
~~4~~		~~X~~		~~1.11~~	~~SACR 256~~	~~1673+20~~	~~1674+00~~	~~80'~~
~~5~~		~~X~~		~~1.11~~	~~SACR 255,256~~	~~1670+25~~	~~1672+75~~	~~250'~~
~~6~~		~~X~~		~~1.11~~	~~SACR 255~~	~~1668+70~~	~~1669+70~~	~~100'~~
~~7~~		~~X~~		~~1.11~~	~~SACR 250,251~~	~~1607+75~~	~~1622+31~~	~~1100'~~
~~8~~		~~X~~		~~1.11~~	~~SACR 247,250~~	~~1595+40~~	~~1599+40~~	~~400'~~
~~9~~	~~INSTALL HDPE (PLOW)~~	~~X~~		~~1.11~~	~~SACR 249~~	~~1592+25~~	~~1593+40~~	~~135'~~ ~~115'~~
10	INSTALL HDPE (MGE)	X		1.11	SACR 257	1683+00	1686+63	363'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: JR Smits

Spread/Site Number: South 4B - 4875 Day: Mo Tu (We) Th Fr Sa Su Date: 1-3-01 Contract No: 99P154.16

Hours Worked: 10 Weather: Sunny Temp: 55 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 10 Bore Rigs, 10 Vac trucks, 10 mud Trucks, 4 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1.	INSTALL HDPE (Bore)	X		1.11	SACR 257	1686+73	1691+38	465'
2	Slick Bore (MSE)	X		3.21	SACR 257	1687+85	1689+15	130'
3	~~INSTALL HDPE~~	X		~~1.11~~	~~SACR 254~~	~~1710+20~~	~~1713+50~~	330'
4	~~Slick Bore~~ (WEST COAST PIPELINE)	X		3.21	SACR 254	1710+20	1713+50	330'
5	INSTALL HDPE	X		1.11	SACR-257	1686+63	1686+73	10'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Form 24 ADM 1005 REV 10/00

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B-4875

Day: Mo Tu We (Th) Fr Sa Su

Date: 1-4-01

Contract No: 99P154.16

Hours Worked: 10

Weather: Sunny

Temp: 60

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 12 Bore Rigs, 12 mud trucks, 12 vac trucks, 4 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	INSTALL HDPE	x		1.11	SACR 258	1697+65	1703+45	580'
2	SLICK BORE (MSE)	x		3.21	SACR 258	1701+00	1702+00	100'
~~3~~	~~INSTALL HDPE (MSE)~~	~~x~~		~~[illegible]~~	~~SACR [illegible]~~	~~[illegible]~~	~~[illegible]~~	~~470~~
~~4~~	~~INSTALL HDPE (DRILL [illegible])~~	~~x~~		~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~
5	INSTALL HDPE	x		1.11	SACR-258	1703+45	1703+80	35'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIOTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 48 - 4875 | Day: Mo Tu (We) Th Fr Sa Su | Date: 12-20-00 | Contract No: 99154.16.

Hours Worked: 12 | Weather: Sunny | Temp: 50 | Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): Spider plow, winch truck, Bull Dozer, 7 Bore Rigs, 7 mud Trucks 7 Vac Trucks 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	INSTALL HDPE (Plow)	X		1.11	SHCR 259	1708+35	1710+00	165'
2		X		1.11	SHCR 258-259	1703+80	1707+80	400'
3	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	80'
5	[illegible]	[illegible]		[illegible]	[illegible]	1670+25	1672+75	[illegible]
6	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]		[illegible]	[illegible]	1607+75	1622+37	1462'
8	[illegible]	[illegible]		[illegible]	[illegible]	1595+40	1599+40	400
9	INSTALL HDPE (HDD)	[illegible]		[illegible]	[illegible]	1592+25	1593+40	[illegible]
10	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	INSTALL HDPE	X		1.11	SHCR-259	1707+80	1708+35	55'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Form 24-ATB4 1005 REV 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: JR Smits

Spread/Site Number: South 4B - 4875 | Day: Mo Tu (We) Th Fr Sa Su | Date: 1-3-01 | Contract No: 99P154.16

Hours Worked: 10 | Weather: Sunny | Temp: 55 | Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 10 Bore Rigs, 10 Vac trucks, 10 mud Trucks, 4 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	INSTALL HDPE (WEST COAST PIPELINE)	X		1.11	SHEET 251	1687+75	1691+38	363'
2	SLICK BORE (WEST COAST PIPELINE)	X		3.21	SHEET 251	1687+85	1688+15	130'
3	INSTALL HDPE	X		1.11	SHEET 259	1710+20	1713+50	330'
4	SLICK BORE (WEST COAST PIPELINE)	X		3.21	SHEET 259	1710+20	1713+50	330'
5	INSTALL HDPE	X		1.11	SHEET-259	1710+00	1710+20	20'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Name: [illegible]

Spread/Site Number: South 4B-4875

Day: Mo (Tu) We Th Fr Sa Su Date: 12-19-00 Contract No: [illegible]

Hours Worked: 12 Weather: Sunny Temp: 60 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): Spider plow, Winch Truck, Bulldozer, 8 Bore Rigs, 8 mud Trucks, 8 vac Trucks 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Plow)~~	~~X~~		~~1.11~~	~~[illegible]~~	~~1728+65~~	~~[illegible]~~	~~[illegible]~~
~~2~~	~~Install HDPE (Plow)~~	~~X~~		~~1.11~~	~~SACR 260~~	~~1721+60~~	~~[illegible]~~	~~[illegible]~~
~~3~~	~~Install HDPE (Plow)~~	~~X~~		~~1.11~~	~~SACR 260~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~
4	Install HDPE (Plow)	X		1.11	SACR 259	1717+35	1717+80	45'
5	Install HDPE (Plow)	X		1.11	SACR 259	1713+80	1716+70	290'
5.5	INSTALL HDPE	X		1.11	SALR-259	1713+50	1713+80	30'
~~6~~	~~[illegible] HDPE (Bore)~~	~~X~~		~~1.11~~	~~[illegible]~~	~~1766+80~~	~~[illegible]~~	~~[illegible]~~
~~7~~	~~Install HDPE (Bore)~~	~~X~~		~~1.11~~	~~SACR 266~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~
8	INSTALL HDPE	X		1.11	SACR-259	1716+70	1717+35	65'
	(#6-7 Bores							
	West Coast Pipe Line)							
							Which Side of CL are	we on?

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu We Th (Fr) Sa Su Date: 1-19-01

Contract No: 99P154.16

Hours Worked: 10

Weather: 60 Temp: Clear

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 5 Bore Rigs, 5 Vac trucks, 5 Mud trucks, 1 Reel truck, 4 Back hoes, 1 Dump truck.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Tidwell)~~	X		~~1.11~~	~~SALR-254-4~~	~~1713+50~~	~~1718+35~~	~~475~~
2	Install HDPE Tidwell	X		1.11	SALR-259	1718+00	1719+55	155' ✓
3	INSTALL HDPE	X		1.11	SALR 259	1717+80	1718+00	20'
4	INSTALL HDPE	X		1.11	SALR-259	1719+55	1719+60	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Distribution: Original - Point of Construction Yellow - Contractor Pink - Inspector

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B - 4875 | Day: Mo (Tu) We Th Fr Sa Su | Date: 12-19-00 | Contract No: 99P154.16

Hours Worked: 12 | Weather: Sunny | Temp: 60 | Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): Spider plow, Winch Truck, Bulldozer, 8 Bore Rigs, 8 mud Trucks, 8 vac Trucks 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
2	Instgll HDPE (Plow)	X		1.11	SACR 260	1721+60	1723+50	190'
3	Instgll HDPE (Plow)	X		1.11	SACR 260	1719+60	1720+60	100'
5.5	INSTALL HDPE	X		1.11	SACR-260	1720+60	1721+60	100'
7	Instgll HDPE (Bore)	X			SACR 266	1798+50	1802+90	390
	#6-7 Bores West Coast Pipeline						Which SIDE of C/L ARE WE ON?	

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South4B/4875 Day: Mo Tu (We) Th Fr Sa Su Date: 2-7-01 Contract No: 99P154a16

Hours Worked: 10 Weather: Clear Temp: 58° Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 2 Bore Rigs, 2 mud trucks, 2 vac trucks, 1 Reel truck, 3 Backhoes, 1 Dump truck.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~Sht - 260, 262~~	~~1731+60~~	~~1743+30~~	~~390'~~ ✓
~~2~~	~~Install HDPE (Stick Bore)~~	~~X~~		~~3.21~~	~~Sht - 260, 262~~	~~1731+60~~	~~1743+60~~	~~390'~~ ✓
3	Install HDPE (Tidwell)	X		1.11	Sht - 260	1723+75	1728+45	470' ✓
4	Install HDPE (Stick Bore)	X		3.21	Sht - 260	1723+75	1728+45	470' ✓
~~5~~	~~Install HDPE (Tidwell)~~	~~X~~		~~1.11~~	~~Sht - 227~~	~~1321+90~~	~~1327+15~~	~~96'~~ ✓
~~6~~	~~Install HDPE (Stick Bore)~~	~~X~~		~~3.21~~	~~Sht - 227~~	~~1321+90~~	~~1327+90~~	~~70'~~ ✓
7	INSTALL HDPE	X		1.11	SALR - 260	1723+50	1723+75	25'
8								

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

TOTALS: 1.11 955

3.21 930

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Name: JR SMITS

Spread/Site Number: South 4B - 4875 Day: Mo (Tu) We Th Fr Sa Su Date: 12-19-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Sunny Temp: 60 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): Spider plow, WINCH Trucks, Bulldozer, 8 Bore Rigs, 8 mud Trucks, 8 vac Trucks 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	INSTALL HDPE (PLOW)	X		1.11	SACR 260-261	1728+65	1734+00	535'
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	SACR 259	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	# 6-7 Bores WEST COAST PIPELINE							

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sinclaugh
Spread/Site Number: South4B/4875
Day: Mo Tu We (Th) Fr Sa Su Date: 2-1-01
Contract No: 99P154016
Hours Worked: 10
Weather: Sunny Temp: 62
Contractor: Tidwell
Contractor Equipment on Site (Quality & Type): 5 Bore Rigs, 5 Mud trucks, 2 Reel trucks, 6 vac trucks, 5 Backhoes, 1 Dumptruck.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11	Sacr-264-4	1774+45	1777+75	330' ✓
2	Install HDPE (Tidwell)	X		1.11	Sacr-264-4	1771+10	1774+40	330' ✓
3	Install HDPE (Tidwell)	X		1.11	Sacr-205-4	1060+25	1064+10	385' ✓
4	Install HDPE (Slick Bore)	X		3.21	Sacr-205-4	1060+25	1064+10	385' ✓
5	Install HDPE (Tidwell)	X		1.11	Sacr-261-4	1734+25	1735+85	160' ✓
6	Install HDPE (Slick Bore)	X		3.21	Sacr-261-4	1735+31	1735+43	12' ✓
7	INSTALL HDPE	X		1.11	SALR-261	1735+85	1736+00	15'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

TOTALS: 1.11 1205
3.21 397

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

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Form 24 ADM 1005 REV 10/98

Inspector Daily Report

Page 1 of 1

Name: JR SMITS

Spread/Site Number: South 48 - 4875 Day: (Mo) Tu We Th Fr Sa Su Date: 12-18-00 Contract No: 99154.16

Hours Worked: 12 Weather: Sunny Temp: 60 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): Spider plow, winch truck, Bulldozer, 6 Bore units, 6 mud Trucks 6 Vac Trucks 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Plow)	X		1.11	SACR 262 263	1752+60	1758+10	550'
2	Install HDPE (Plow)	X		1.11	SACR 261	1736+00	1739+30	330'
3	INSTALL HDPE	X		1.11	SACR-261	1739+30	1739+60	30'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

This report is for informational purposes only and is not to be used for purposes of determining payment under the applicable contract. This report does not serve to amend or supersede the terms of the contract between the parties.

Distribution: Original - Spread Supervisor Yellow Contractor Pink Inspector

Form 23 ADM 1005 REV 10/00

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B / 4875

Day: Mo Tu (We) Th Fr Sa Su Date: 2-7-01

Contract No: 99P154.16

Hours Worked: 10

Weather: Clear Temp: 58°

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 2 Bore Rigs, 2 mud trucks, 2 vac trucks, 1 Reel truck, 3 Backhoes, 1 Dump truck.

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	x		1.11	Sacr-261, 262	1739+60	1743+50	390' ✓
2	Install HDPE (Slick Bore)	x		3.21	Sacr-261, 262	1739+60	1743+50	390' ✓
3	Install HDPE (Tidwell)	x		1.11	Sacr-260	1723+75	1728+45	470' ✓
4	Install HDPE (Slick Bore)	x		3.21	Sacr-260	1723+75	1728+45	470' ✓
5	Install HDPE (Tidwell)	x		1.11	Sacr-227	1326+20	1327+15	95' ✓
6	Install HDPE (Slick Bore)	x		3.21	Sacr-227	1326+20	1326+90	70' ✓
T	INSTALL HDPE	x		1.11	SALR-262	1743+50	1743+69	19'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

TOTALS: 1.11 155

3.21 930

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Inspector Daily Report

Page 1 of 1

Name: JR SMITS

Spread/Site Number: 4B - 4875

Day: Mo Tu (We) Th Fr Sa Su Date: 3-14-01

Contract No: 99P154.16

Hours Worked: 10

Weather: SUNNY Temp: 70

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1.	INSTALL HDPE (PLOW)	X		1.11 DONE	SACR 261, 262	1743+69	1746+00	231'
2.	INSTALL HDPE (PLOW)	X		1.11 DONE	SACR 266, 267	1802+70	1804+90	220'
3.	INSTALL HDPE (PLOW)	X		1.11 DONE	SACR 267	1805+75	1807+50	175'
4.	INSTALL HDPE (TRENCH)	X		1.11 DONE	SACR 267	1807+50	1808+00	50'
4.5	INSTALL HDPE	X		1.11	SACR-262	1746+00	1746+30	30'
5	INSTALL HDPE (PLOW/TRENCH)	X		1.11 DONE	SACR 267, 268	1808+00	1818+00	1000'
					EQUATION CHANGE	1818+00 BACK	= 1817+50 AHEAD	

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

TOTAL: 1676

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS: ITEM #5 EQUATION

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Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B/4875 Day: Mo Tu We Th (Fr) Sa Su Date: 3-16-01 Contract No: 99P154616

Hours Worked: 10 Weather: Clear Temp: 65° Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 1 Bore Rig, 1 vac truck, 1 mud truck, 1 Reel truck, 1 Backhoe.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11	SACR-262-4	1748+00	1752+30	430' ✓
2	Install HDPE (Slick Bore)	X		3.21	SACR-262-4	1748+00	1752+00	400' ✓
3	Install HDPE (Tidwell)	X		1.11	SACR-262-4	1746+30	1747+95	165' ✓
4	INSTALL HDPE	X		1.11	SACR-262	1747+95	1748+00	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS: 1½ Redlined
3' Redlined

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM-1005 REV. 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: JR Smits

Spread/Site Number: South 4B - 4875 Day: (Mo) Tu We Th Fr Sa Su Date: 12-18-00 Contract No: 99154.16

Hours Worked: 12 Weather: Sunny Temp: 60 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): Spider plow, winch truck, Buildozer, 6 Bore units, 6 mud Trucks 6 Vac Trucks 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Plow)	X		1.11	SALR 262 263	1752+60	1758+10	550'
2	Install HDPE (Plow)	X		1-11	SALR 261	1736+00	1739+30	330'
3	INSTALL HDPE	X		1.11	SALR-262	1752+30	1752+60	30'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of ____

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B 4875 Day: Mo Tu (We) Th Fr Sa Su Date: 1-31-01 Contract No: 99P154.16

Hours Worked: 10 Weather: Sunny Temp: 58° Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 4 Bore Rigs, 4 mud trucks, 5 vac trucks, 1 Reel truck, 3 Backhoes.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11	SACR-215-4	1181+90	1184+05	215' ✓
2	Install HDPE (Slick Bore)	X		3.21	SACR-215-4	1182+94	1183+69	75' ✓
3	Install HDPE (Tidwell)	X		1.11	SACR-263-4	1758+10	1762+95	485' ✓
4	Install HDPE (Slick Bore)	X		3.21	SACR-263-4	1758+28	1758+40	12' ✓
5	Install HDPE (Slick Bore)	X		3.21	SACR-263-4	1760+87	1760+99	12' ✓
6	Install HDPE (Tidwell)	X		1.11	SACR-256-4	1681+10	1682+90	180' ✓
7	INSTALL HDPE	X		1.11	SACR-263	1762+95	1763+10	15'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

TOTALS: 1.11 880
3.21 99

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS: _____

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Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B/4875 Day: (Mo) Tu We Th Fr Sa Su Date: 1-29-01 Contract No: 99P154.16

Hours Worked: 10 Weather: Sunny Temp: 58 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 3 Bore Rigs, 3 vac trucks, 3 mud trucks, 2 Backhoes, 1 Reel truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11	SACR-263-4	1763+10	1766+55	345'
2	INSTALL HDPE	X		1.11	SACR-263	1766+55	1766+80	25'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B - 4875 Day: Mo (Tu) We Th Fr Sa Su Date: 12-19-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Sunny Temp: 60 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): Spider plow, Winch Truck, Bulldozer, 8 Bore Rigs, 8 mud Trucks, 8 vac Trucks 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Plow)	X		1.11 '	SACR 260-261	1728+65	1734+00	535'
2	Install HDPE (Plow)	X		1.11 '	SACR 260	1721+60	1723+50	190'
3	Install HDPE (Plow)	X		1.11 '	SACR 260	1719+60	1720+60	100'
4	Install HDPE (Plow)	X		1.11 '	SACR 259	1717+35	1717+80	45'
5	Install HDPE (Plow)	X		1.11 '	SACR 259	1713+80	1716+70	290'
6	Install HDPE (Bore)	X		1.11	SACR 263 264	1766+80	1770+90	410'
7	Install HDPE (Bore)	X		1.11	SACR 266	1798+50	1802+40	390'
	#6-7 Bores West Coast Pipeline							
							Which side of C/L are we on?	

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South4B/4875 Day: Mo Tu We (Th) Fr Sa Su Date: 2-1-01 Contract No: 99P154016

Hours Worked: 10 Weather: Sunny Temp: 62 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 5 Bore Rigs, 5 mud trucks, 2 Reel trucks, 6 vac trucks, 5 Backhoes, 1 Dumptruck.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11	SACR-264-4	1774+45	1777+75	330' ✓
2	Install HDPE (Tidwell)	X		1.11	SACR-264-4	1771+10	1774+40	330' ✓
3	Install HDPE (Tidwell)	X		1.11	SACR-265-4	1060+25	1064+10	385' ✓
4	Install HDPE (SlickBore)	X		3.21	SACR-265-4	1060+25	1064+10	385' ✓
5	Install HDPE (Tidwell)	X		1.11	SACR-261-4	1734+25	1735+85	160' ✓
6	Install HDPE (SlickBore)	X		3.21	SACR-261-4	1735+31	1735+43	12' ✓
7	INSTALL HDPE	X		1.11	SACR-264	1770+90	1771+10	20'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

TOTALS: 1.11 1205

3.21 397

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Second Supervisor Yellow - Contractor Pink - Inspector

Form 74 ADSS 1005 REV 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B/4875

Day: Mo Tu (We) Th Fr Sa Su Date: 2-28-01

Contract No: 99P154.16

Hours Worked: 10

Weather: Sunny Temp: 63°

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 2 Bore rigs, 2 vac. trucks, 2 mud trucks, 1 Reel truck, 2 Backhoes, 1-1 ton.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11 3.21 Rock Lined	SACR-264, 265	1777+80	1782+60	480' ✓
2	Install HDPE (Slick Bore)	X		3.21 Rock Lined	SACR-264, 265	1779+00	1782+60	360' ✓
3	INSTALL HDPE -TRENCH	X		1.11	SACR-264	1777+75	1777+80	5'
4	INSTALL HDPE -TRENCH	X		1.11	SACR-265	1782+60	1782+65	5'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS: From 1779+00 - 1782+60, 3.21 for drainage and asphalt ditches, per county Encroachment Permits.

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10

Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM-1005 REV. 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Name: Jeb Sincraugh

Spread/Site Number: South4B/4875 Day: Mo Tu (We) Th Fr Sa Su Date: 2-14-01 Contract No: 99P154.16

Hours Worked: 10 Weather: Clear Temp: 54° Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 3 Bore Rigs, 3 mud trucks, 3 vac trucks, 1 Reel truck, 1 Dumptruck, 2 Backhoes.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11	Sacs-265-4	1782+65	1787+85	520' ✓
2	Install HDPE (Slickbore)	X		3.21	Sacs-265-4	1782+65	1787+85	520' ✓

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B/4875

Day: Mo (Tu) We Th Fr Sa Su Date: 2-6-01

Contract No: 99P154.16

Hours Worked: 10

Weather: Clear Temp: 58°

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 3 Bore Rigs, 3 mud trucks, 3 Vac trucks, 1 Reel truck, 3 Backhoes, 1 Dumptruck.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1011	5acr-265,266	1787+90	1792+95	505' ✓
2	Install HDPE (SlickBore)	X		3.21	5acr-265,266	1787+90	1792+95	505' ✓
3	INSTALL HDPE	X		1.11	5ACR-266	1792+95	1793+00	

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B/4875 Day: Mo Tu We Th Fr (Sa) Su Date: 2-3-01 Contract No: 99P154016

Hours Worked: 10 Weather: Clear Temp: 65° Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 3 Bore Rigs, 3 mud trucks, 3 Vac trucks, 1 Reel truck, 3 Backhoes, 1 Dump truck.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	X		1.11	Sucr-266-4	1793+00	1798+50	550' ✓
2	Install HDPE (Slick Bore	X		3.21	Sucr-266-4	1796+65	1796+75	10' ✓

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow Contractor Pink Inspector

Form 24 ADM 1005 REV 10/98

Inspector Daily Report

Williams COMMUNICATIONS

Name: JR Smits

Spread/Site Number: South 4B-4875 Day: Mo (Tu) We Th Fr Sa Su Date: 12-19-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Sunny Temp: 60 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): Spider plow, Winch Truck, Bulldozer, 8 Bore Rigs, 8 mud Trucks, 8 vac Trucks 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Plow)	X		1.11	SACR 260-261	1728+65	1734+00	535'
2	Install HDPE (Plow)	X		1.11	SACR 260	1721+60	1723+50	190'
3	Install HDPE (Plow)	X		1.11	SACR 260	1719+60	1720+60	100'
4	Install HDPE (Plow)	X		1.11	SACR 259	1717+35	1717+80	45'
5	Install HDPE (Plow)	X		1.11	SACR 259	1713+80	1716+70	290'
6	Install HDPE (Bore)	X		1.11	SACR 263 264	1766+80	1770+90	410'
7	Install HDPE (Bore)	X		1.11	SACR 266	1798+50	1802+40	390'
	#6-7 Bores West Coast Pipeline							
							Which side of C/L are we on?	

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Name: JR Smith

Spread/Site Number: 4B - 4875

Day: Mo Tu (We) Th Fr Sa Su Date: 3-14-01

Contract No: 99P154.16

Hours Worked: 10

Weather: SUNNY Temp: 70

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type):

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1.	INSTALL HDPE (PLOW)	X		1.11 DONE	SACR 261, 262	1743+69	1746+00	231'
2.	INSTALL HDPE (PLOW)	X		1.11 DONE	SACR 266, 267	1802+70	1804+90	220'
3.	INSTALL HDPE (PLOW)	X		1.11 DONE	SACR 267	1805+75	1807+50	175'
4.	INSTALL HDPE (TRENCH)	X		1.11 DONE	SACR 267	1807+50	1808+00	50'
5	INSTALL HDPE (PLOW / TRENCH)	X		1.11 DONE	SACR 267, 268	1808+00	1818+00	1000'
					EQUATION CHANGE	1818+00 BACK	= 1817+50 AHEAD	
6	INSTAH HDPE	X		1.11	SACR-266	1802+40	1802+70	30'
7	INSTAH HDPE	X		1.11	SACR-267	1804+90	1805+75	85'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

TOTAL: 1676

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS: ITEM #5 EQUATION

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu We Th (Fr) Sa Su Date: 12-29-00

Contract No: 99P154.16

Hours Worked: 10

Weather: Clear

Temp: 52

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 8 Bore Rigs, 8 Vac trucks, 8 Mud trucks, 3 reel trucks, 4 Backhoes, 1 Dump truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (DrillTech)	X		1.11	Sacr-268-4	1817+50	1822+45	495'
2	Install HDPE (Stick Bore)	X		3.21	Sacr-261-4	1820+75	1820+82	7'
3	Install HDPE (MGE)	X		1.11	Sacr-229-4	1354+30	1357+90	360'
4	Install HDPE (Stick Bore)	X		3.21	Sacr-229-4	1355+00	1355+18	18'
5	~~Install HDPE (MGE)~~	X		~~1.11~~	~~Sacr-233~~	~~1405+20~~	~~1405+85~~	~~65'~~
6	~~Install HDPE (Stick Bore)~~	X		~~3.21~~ DO NOT HAVE	~~Sacr-233~~ THIS DRAWING	~~1405+20~~	~~1405+85~~	~~65'~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: Jeb Sincraugh

Spread/Site Number: South 4B

Day: Mo Tu We Th Fr (Sa) Su Date: 12-30-00

Contract No: 999454.16

Hours Worked: 10

Weather: Clear Temp: 60

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 1 Bore Rig, 1 Mud truck, 1 Back hoe, 1 reel truck, 1 vac truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Drill Tech)	X		1.11	SACR-268,269	1822+55	1829+90	735'
2	INSTALL HDPE	X		1.11	SACR-268	1822+45	1822+55	10'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

This report is for informational purposes only and is not to be used for purposes of determining payment under the applicable contract. This report does not serve to amend or supersede the terms of the contract between the parties.

Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: JR Smits

Spread/Site Number: South 48 - 4875

Day: Mo Tu We (Th) Fr Sa Su Date: 1-4-01 Contract No: 99P154.16

Hours Worked: 10 Weather: Sunny Temp: 60 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 12 Bore Rigs, 12 mud trucks, 12 vac trucks, 4 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	INSTALL HDPE	X		1.11	SHEET 258	1697+65	1703+45	580'
2	SLICK BORE (MSE)	X		3.21	SHEET 258	1701+00	1702+00	100'
3	INSTALL HDPE (MSE)	X		1.11	SHEET 242	1504+10	1508+80	470'
4	INSTALL HDPE (Drill tech)	X		1.11	SHEET	1830+10	1834+50	440'
5	INSTALL HDPE	X		1.11	SHEET-269	1829+90	1830+10	20'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Inspector Daily Report

Page 1 of 1

Name: Jeb Sincraugh
Spread/Site Number: South 4B
Day: Mo Tu We Th Fr (Sa) Su
Date: 12-16-00
Contract No: 99P154.16
Hours Worked: 10
Weather: Clear
Temp: 60
Contractor: Tidwell
Contractor Equipment on Site (Quality & Type): 5 Bore Rigs, 5 mud trucks, 5 vac trucks, 2 reel trucks, 3 Back hoes, 1 water truck

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (Tidwell)	✓	✓	1.11	SACR-232-4	1389+80	1393+00	320'
2	Install HDPE (Slick Bore)	✓	✓	3.21	SACR-232-4	1391+50	1391+75	75'
3	Install HDPE (West Coast)	✓		1.11	SACR-269,270	1834+55	1839+10	455'
4	INSTALL HDPE	✓		1.11	SACR-269	1834+50	1834+55	5'
5	INSTALL HDPE	✓		1.11	SACR-269	1829+90	1830+10	20'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

This report is for informational purposes only and is not to be used for purposes of determining payment under the applicable contract. This report does not serve to amend or supersede the terms of the contract between the parties.

Distribution: Original - Spread Supervisor Yellow - Contractor Pink - Inspector

Form 24-ADM-1005 REV. 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR SMITS

Spread/Site Number: South 4B - 4875

Day: Mo Tu We Th (Fr) Sa Su

Date: 12-15-00

Contract No: 99P154.16

Hours Worked: 12

Weather: Sunny

Temp: 60

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 12 Bore Rigs 12 Mud Trucks, 12 Vac Trucks 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	INSTALL HDPE (Drill Tech)	X		1.11	SACR 270	1839+20	1844+40	520'
~~2~~	~~INSTALL HDPE~~ ~~([illegible])~~	~~X~~		~~1.11~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~
3	INSTALL HDPE	X		1.11	SACR-270	1844+40	1844+70	30' which side of road are we on?

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

This report is for informational purposes only and is not to be used for purposes of determining payment under the applicable contract. This report does not serve to amend or supersede the terms of the contract between the parties.

Distribution: Original - Spread Supervisor Yellow Contractor Pink Inspector

Form 24 ADM 1005 REV 10-98

Inspector Daily Report

Page 1 of 1

Name: JR SMITS

Spread/Site Number: South 48 - 4875 Day: Mo Tu We Th (Fr) Sa Su Date: 12-15-00 Contract No: 99P154.16

Hours Worked: 12 Weather: Sunny Temp: 60 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 12 Bore Rigs 12 Mud Trucks, 12 Vac Trucks 3 Backhoes

NO:	ITEM DESCRIPTION	PAY. U.P.	CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1~~	~~INSTALL HDPE (DRILL TECH)~~	~~X~~		~~1.11~~	~~SHCR 270~~	~~1839+30~~	~~1844+40~~	~~530'~~
2	INSTALL HDPE (WEST COAST PIPELINE)	X		1.11	SHCR 270 271	1850+50	1854+40	390'
2.5	INSTALL HDPE	X		1.11	SHCR-271	1854+40	1854+50	10'
~~3~~	~~INSTALL HDPE~~	~~X~~		~~1.11~~	~~SHCR 270~~	~~1844+40~~	~~1844+50~~	~~10'~~

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR Smits

Spread/Site Number: South 4B

Day: Mo Tu (We) Th Fr Sa Su

Date: 12-13-00

Contract No: 99P154.16

Hours Worked: 12

Weather: Rainy

Temp: 45

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 7 Bore Rigs, 7 mud Trucks, 7 vac Truck 3 Backhoe

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
~~1.~~	~~Install HDPE~~	~~X~~		~~1.11~~	~~SACR 270~~	~~1847+80~~	~~1851+70~~	~~450'~~
~~2.~~	~~Slick Bore~~	~~X~~		~~3.31~~	~~SACR 280~~	~~1848+80~~	~~1849+80~~	~~100'~~
	~~(Pin Point Drilling)~~							
3.	Install HDPE (Plow)	X		1.11	SACR 272	1865+70	1867+30	160'
4.	Install HDPE (Plow)	X		1.11	SACR 272 271	1854+50	1865+30	1080'
5.	Install HDPE (Plow)	X		1.11	SACR	1844+70	1850+40	570'
6	INSTALL HDPE	X		1.11	SACR-270	1850+40	1850+50	10'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: JR SMITS

Spread/Site Number: South 4B - 4875 Day: Mo (Tu) We Th Fr Sa Su Date: 12-12-00 Contract No: 99P154.16

Hours Worked: 10 Weather: Sunny Temp: 50 Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): Spider Plow, winch Truck, Bulldozer, compactor, 2 Backhoes

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1.	Install HDPE (Plow)	X		1.11	SACR 272	1867+30	1870+00	270'
2.	Install HDPE (Plow)	X		1.11	SACR 272	1870+50	1872+15	165'
3.	Install HDPE (Plow)	X		1.11	SACR 272-273	1874+70	1879+50	480'
4	INSTALL HDPE	X		1.11	SACR-272	1870+00	1870+50	50'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

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Distribution Original Spread Supervisor Yellow Contractor Pink Inspector

Form 24 ADM 1006 REV 10-98

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

964+07 64' LT. CULVERT
964+09 8' RT. FENCE CORNER

964+47 63' LT. CULVERT

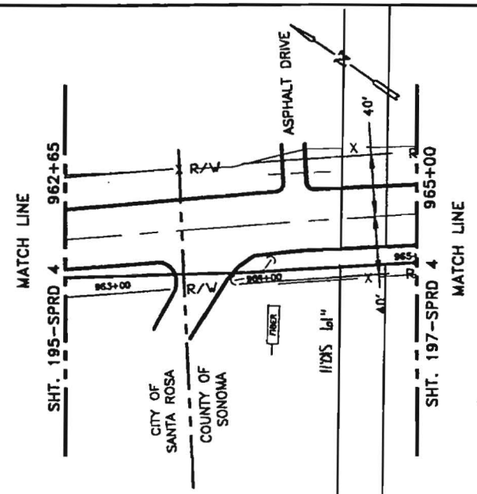
964+52 FIBER MARKER

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" BLACK HDPE, 1-1.5" BLUE, 1-1.5" ORANGE HDPE

964+52
965+00
50'

1.11
2-1.5" HDPE
1-1.25" HDPE
JR SMITH
10.27.00
TIDWELL

BASELINE = EOP S/W SIDE

6GA TRACER WIRE IN BLACK 1.25" HDPE

JEB SINCRAUSH
6-15-01

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Act.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION

- CABLE FIBER COUNT MFG. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT

- INNERDUCT & TYPE (CORR/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE UNIT PLACE

- FUTURE-2
- FUTURE-3
- FUTURE-4

COMMUNICATIONS GROUP
Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-196-SPRD 4

Williams

Williams Construct[illegible] As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

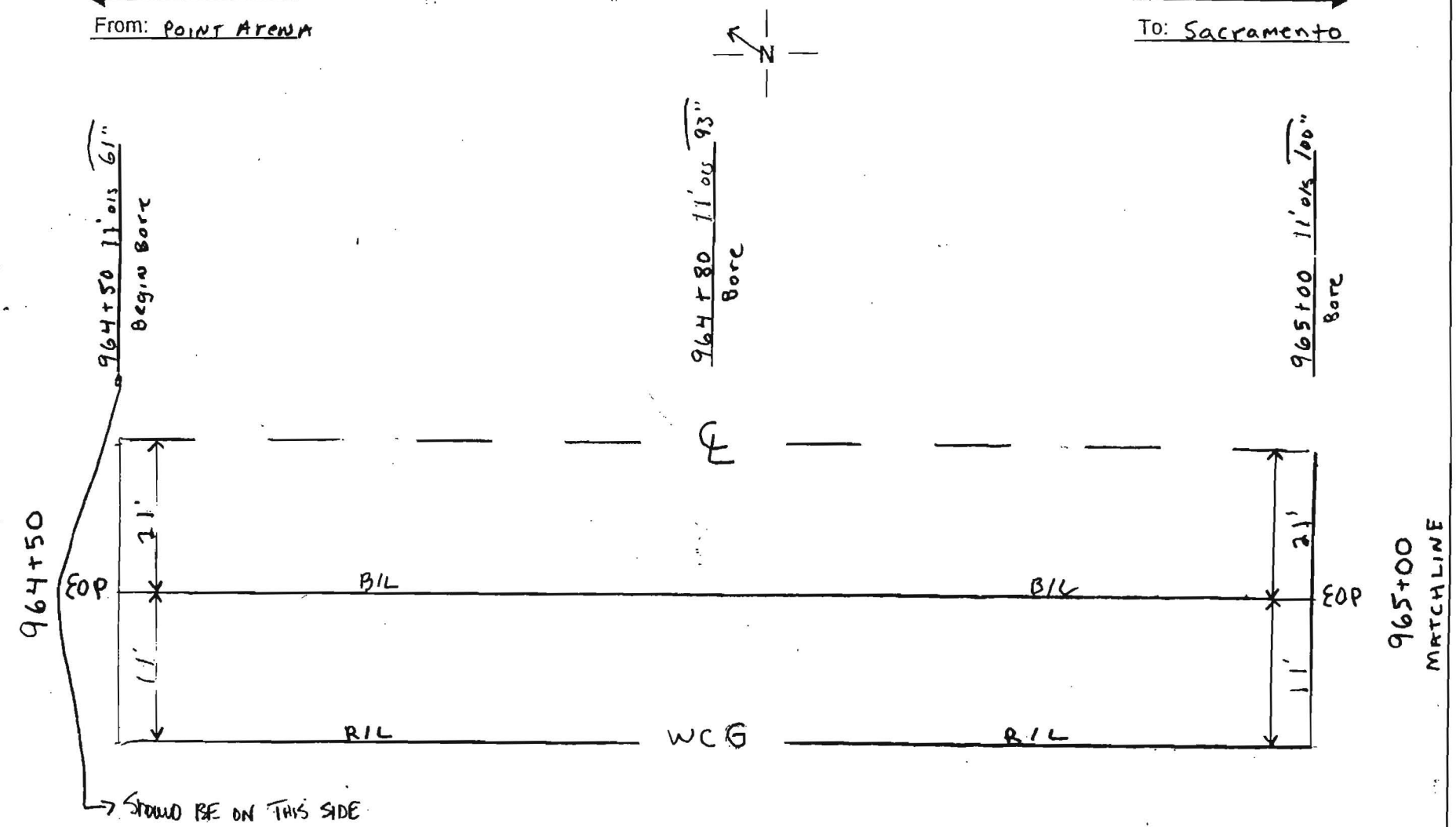
Date: 10-[illegible]

Page No. 2 of 3

Drawing #: SACR-196,197-SPRD 4

From: POINT ARENA

To: Sacramento



Notes:	County: Sonoma	Contractor: Tidwell
	Duct Configuration: 1 1¼ HDPE Black 2 1½ HDPE Orange, Blue	Inspector: JR Smits

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

965+68 62' LT. HEADWALL
965+79 53' LT. BOX CULVERT
965+79 53' LT. HEADWALL
965+98 63' LT. HEADWALL
966+09 53' LT. BOX CULVERT
966+10 53' LT. HEADWALL
966+25 6' RT. FENCE CORNER
966+28 13' LT. HEADWALL
966+34 10' LT. HEADWALL
966+34 12' LT. CULVERT
966+39 4' LT. HEADWALL
966+40 5' LT. HEADWALL
966+42 12' LT. CULVERT
966+49 12' LT. CULVERT
966+54 10' LT. HEADWALL
966+54 12' LT. HEADWALL
966+63 2' LT. HEADWALL
966+65 3' LT. HEADWALL
966+88 10' RT. FENCE CORNER
966+97 3' RT. UTIL POLE
967+60 11' RT. FENCE CORNER
967+66 DRIVEWAY
967+77 57' LT. CULVERT
967+76 51' RT. FENCE CORNER
967+92 52' LT. CULVERT
969+05 SPLICE ALL
970+16 10' RT. UTIL POLE
971+79 62' LT. TELE. POLE
972+15 55' LT. CULVERT
972+88 54' LT. CULVERT
972+88 69' LT. FENCE CORNER
973+36 14' RT. GUY
973+41 5' RT. UTIL POLE
973+60 4' RT. GUY
974+07 17' RT. FENCE CORNER
974+28 DRIVEWAY
974+58 30' RT. FENCE CORNER
974+65 17' RT. FENCE CORNER
974+83 55' LT. CULVERT
974+170 FIBER MARKER #2
975+53 60' LT. CULVERT

ROAD STATIONING

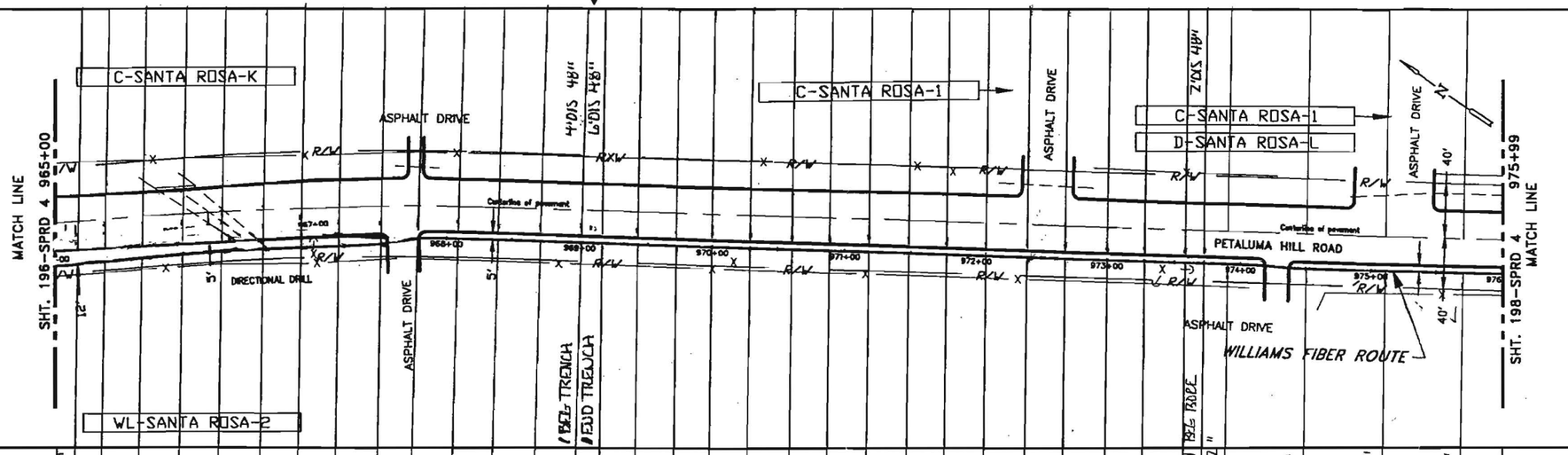
← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

#1

#2


C-SANTA ROSA-K
C-SANTA ROSA-1
C-SANTA ROSA-1
D-SANTA ROSA-L
WL-SANTA ROSA-2
MATCH LINE
SHT. 196-SPRD 4 965+00
SHT. 198-SPRD 4 975+99
MATCH LINE
ASPHALT DRIVE
ASPHALT DRIVE
ASPHALT DRIVE
ASPHALT DRIVE
DIRECTIONAL DRILL
PETALUMA HILL ROAD
WILLIAMS FIBER ROUTE
40'
40'
12'
5'
5'
967+00
968+00
969+00
970+00
971+00
972+00
973+00
974+00
975+00
976
R/W
R/W
R/W

Williams

Williams Construct[illegible] As-Built Documentation

Spread Location:

Spread No. South 48

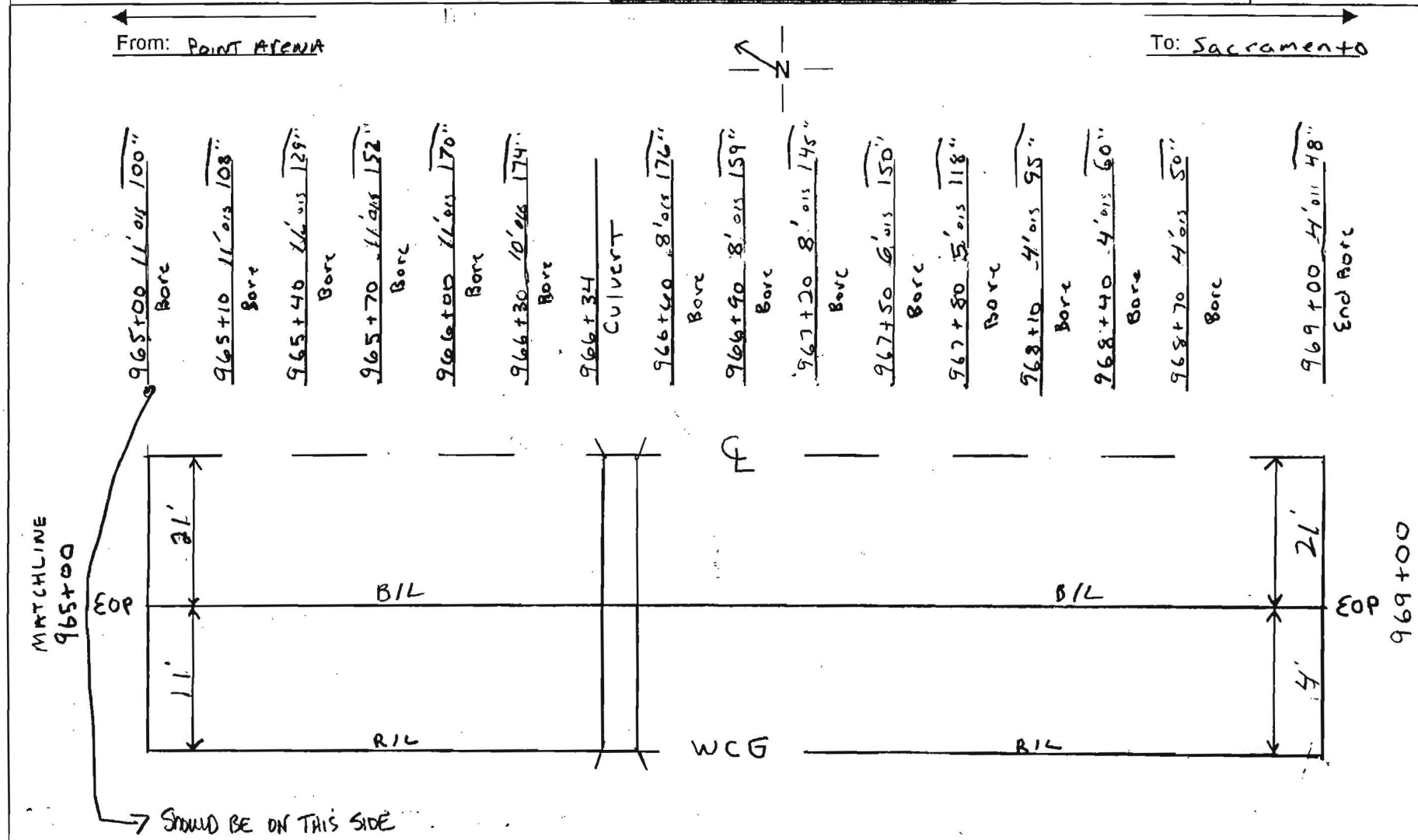
AFE No. 4875

Contract No. 99P154.16

Date: 10-[illegible]-50

Page No. 3 of 3

Drawing #: SACR-196, 197-Spr04



Notes:	County: Sonoma	Contractor: Tidwell
	Duct Configuration: 1 1¼ HDPE Black 2 1½ HDPE Orange, Blue	Inspector: JR Smits

Williams

Williams Construct[illegible] ls-Built Documentation

Spread Location:

Spread No. South 40

AFE No. 4875

Contract No. 99P154.16

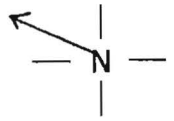
Date: 10-2-[illegible]

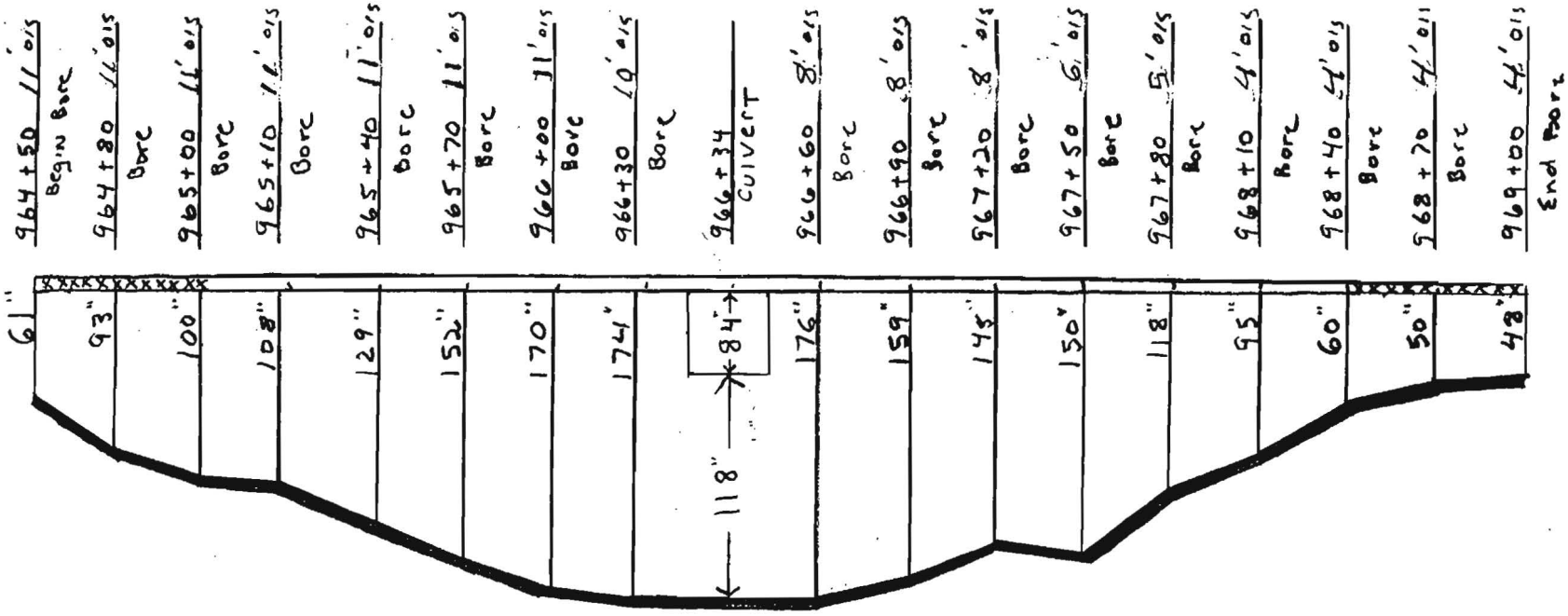
Page No. 1 of 3

Drawing #: SACR-196,197-Spr04

From: POINT ARENA

To: Sacramento





Notes:	County: SONOMA	Contractor: Tidwell
	Duct Configuration: 1 ¼ HDPE Black 2 1½ HDPE orange, blue	Inspector: JR SMITS

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

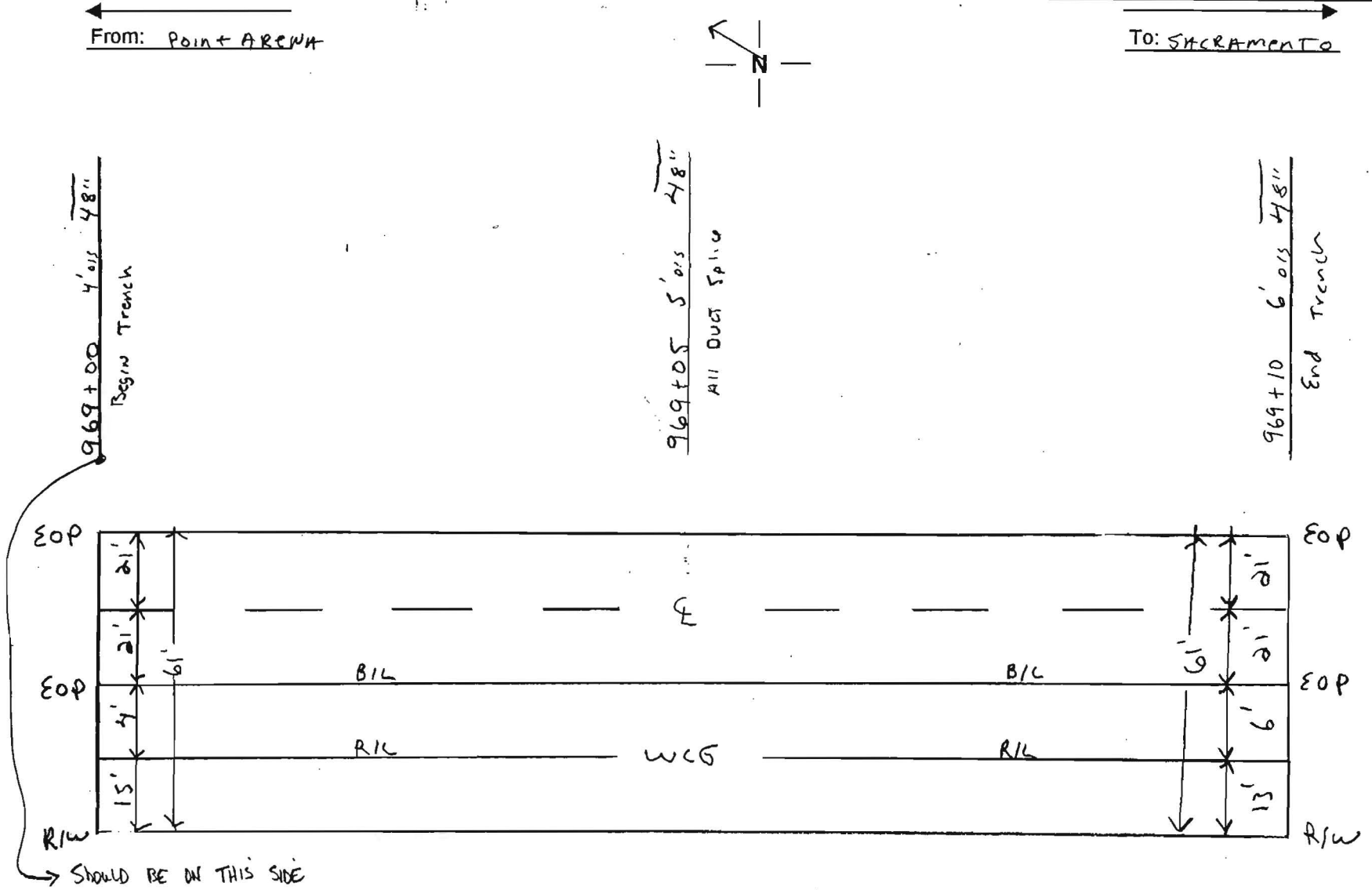
Date: 11-8-

Page No. 1 of 1

Drawing #: SHCR - 197 - SPRD 4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams Construct[illegible] As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 11-1-

Page No. 1 of 4

Drawing #: SACR - 197 - SPRD 4

From: POINT ARENA

To: SACRAMENTO

N

969+10 6'o/s 48" Begin Bore

969+40 4'o/s 68" Bore

969+70 4'o/s 80" Bore

970+00 5'o/s 66" Bore

970+30 4'o/s 70" Bore

970+60 5'o/s 80" Bore

970+90 5'o/s 90" Bore

971+20 5'o/s 91" Bore

971+50 5'o/s 88" Bore

971+80 5'o/s 90" Bore

972+10 5'o/s 76" Bore

972+40 4'o/s 87" Bore

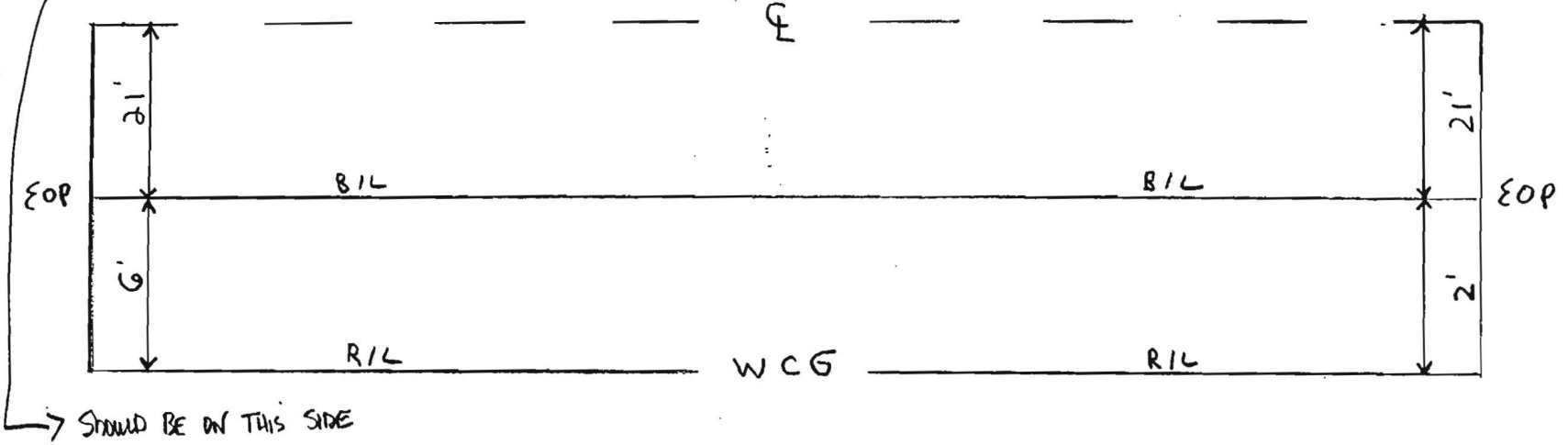
972+70 3'o/s 90" Bore

973+00 3'o/s 85" All Duct Spice / Bore

973+30 2'o/s 88" Bore

973+60 2'o/s 60" Bore

973+76 2'o/s 48" End Bore



SHOULD BE ON THIS SIDE

Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	SONOMA	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4675

Contract No. 99P154.16

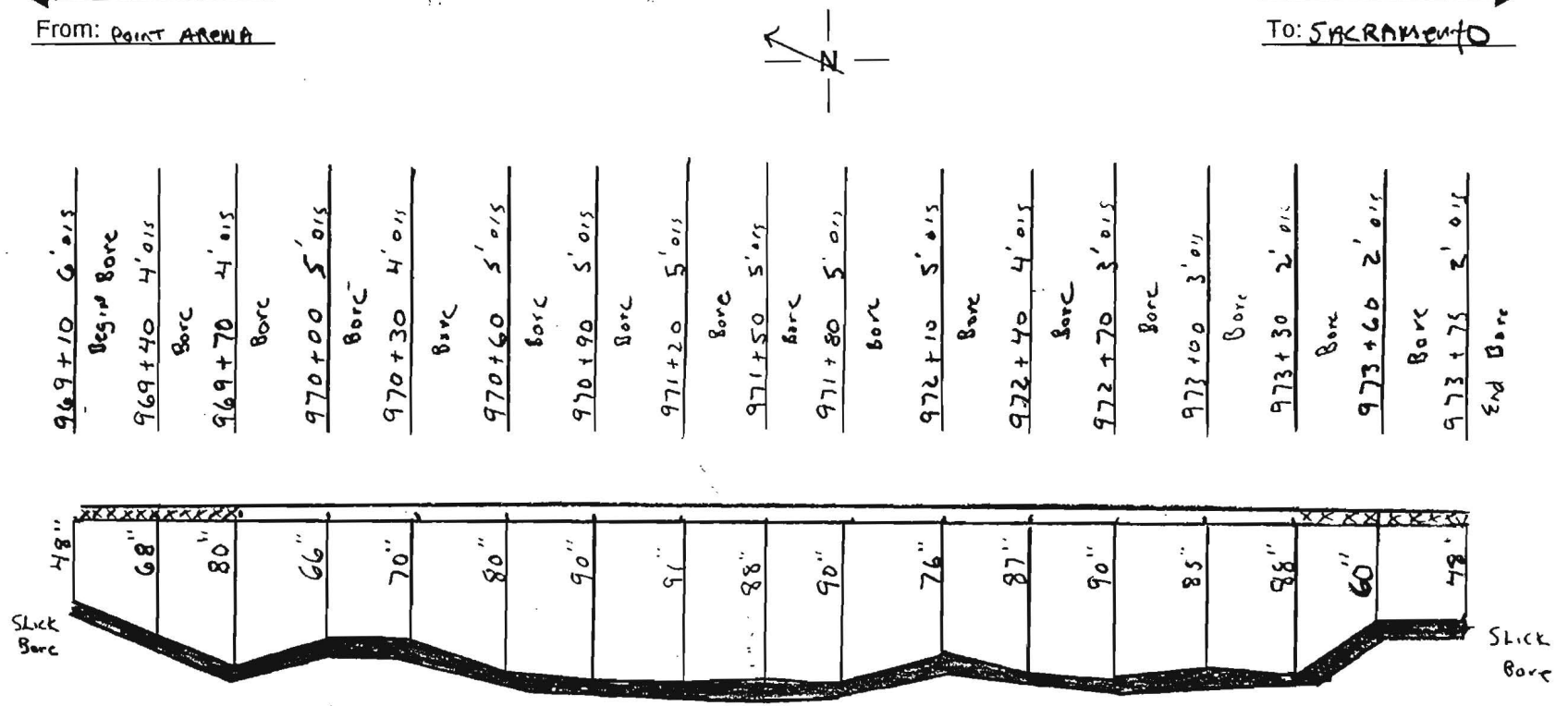
Date: 11-

Page No. 2 of 2

Drawing #: SACR-197-SPRD 4

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

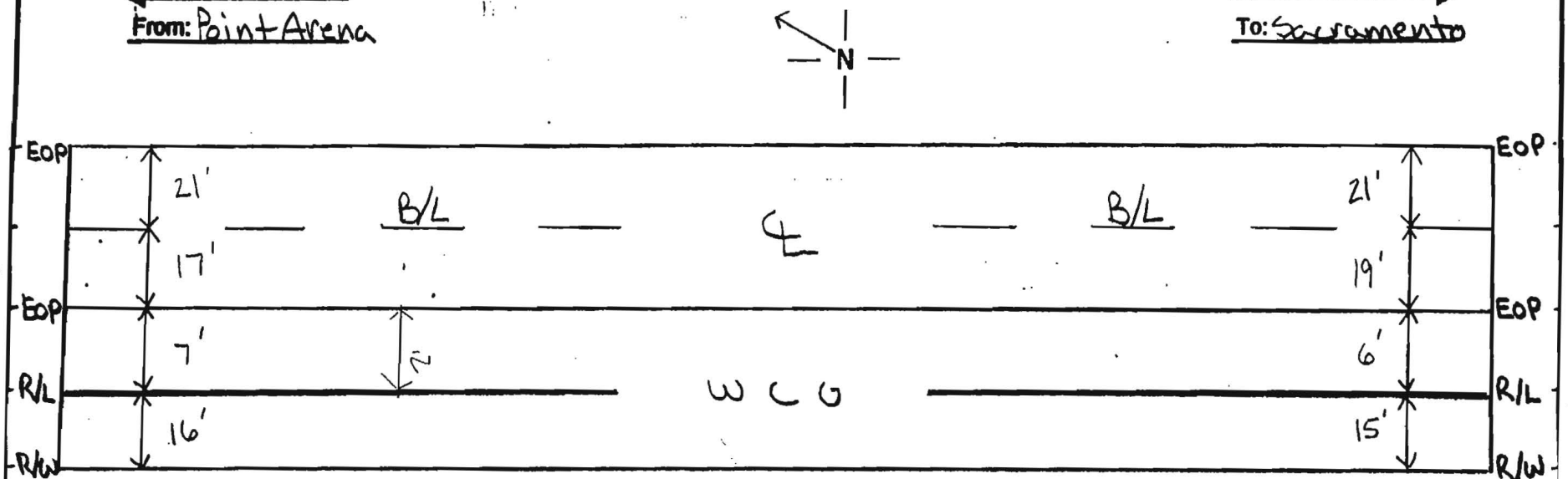
Williams Construc As-Built Documentation

Spread Location: nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-30
Page No. 1
Drawing #: Sacr-197, 198-4

From: Point Arena

To: Sacramento



973+15 24'o/s 48" Beg Bore

973+30 24'o/s 67" Bore

973+75 7'o/s 48" Began @ 973+75

OVERLAP

973+90 25'o/s 122" Bore

974+50 25'o/s 112" Bore

975+10 26'o/s 130" Bore

975+70 25'o/s 143" Bore

975+99 Match Line

976+30 25'o/s 135" Bore

976+90 24'o/s 67" Bore

977+35 25'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jebsimcraugh

Williams Constr[illegible] As-Built Documentation

Spread Locatio[illegible] Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154016

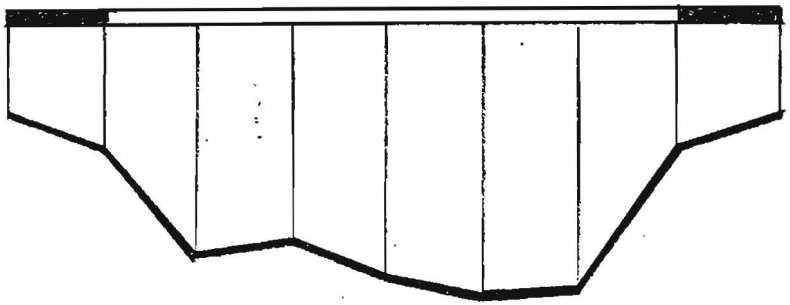
Date: 1-[illegible]51
Page No. 2 [illegible]
Drawing #:
Sacr-197, 198-4

From: Point Arena

To: Sacramento

N

973+15 24'0/s 48" Beg Bore
973+30 24'0/s 67" Bore
973+90 15'0/s 122" Bore
974+50 15'0/s 112" Bore
975+10 26'0/s 130" Bore
975+70 25'0/s 143" Bore
975+99 MATCH LINE
976+30 25'0/s 135" Bore
976+90 24'0/s 67" Bore
977+35 25'0/s 48" End Bore



Notes: 2-1/2 HDPE Orange, Blue 1-1/4 HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Deb Sincrausla

971+79 62' LT. TELE. POLE
972+15 55' LT. CULVERT
972+88 54' LT. CULVERT
972+88 69' LT. FENCE CORNER
973+36 14' RT. GUY
973+41 5' RT. UTIL. POLE
973+60 4' RT. GUY
974+07 17' RT. FENCE CORNER
974+28 DRIVEWAY
974+59 30' RT. FENCE CORNER
974+65 17' RT. FENCE CORNER
974+83 55' LT. CULVERT
975+53 60' LT. CULVERT
977+45 ALL DUCT SPLICE
977+37 58' LT. CULVERT
977+53 74' LT. FENCE CORNER
977+78 13' RT. FENCE CORNER
977+82 98' LT. FENCE CORNER
977+89 45' LT. STORM DRAIN
977+95 DRIVEWAY
978+07 16' RT. FENCE CORNER
978+38 46' LT. DROP INLET
978+56 66' LT. FENCE CORNER
978+69 8' RT. UTIL. POLE
978+77 63' LT. POWER POLE
979+50 13' RT. FENCE CORNER
981+90 6' RT. GUY
981+90 10' RT. UTIL. POLE
981+94 70' RT. TELE. POLE
983+61 22' RT. TELE. POLE
983+57 ALL DUCT SPLICE
FIBER STATIONING
ROAD STATIONING
#1
#2
#3
#4
#5
POINT ARENA
SONOMA COUNTY
CALIFORNIA
SACRAMENTO
MATCH LINE 975+99 975+98
SHT. 197-SPRD 4
MATCH LINE 988+00
SHT. 199-SPRD 4
75'DIS 48"
ASPHALT DRIVE
R/W
PETALUMA HILL ROAD
Centerline of pavement
C-SANTA ROSA-1
ASPH. DRIVE
ASPHALT DRIVE
GRAVEL DRIVE
BORE CULVERT
WILLIAMS FIBER ROUTE
BEG TRENCH
END TRENCH
BEG BORE
END BORE
975+99 975+98 | 75'DIS 135" | 97+30 | 97+55 | 25'DIS 132" | 77'DIS 232" | 77'DIS 292" | 76'DIS 350" | 76'DIS 360" | 76'DIS 360" | 77'DIS 380" | 76'DIS 269" | 76'DIS 187" | 76'DIS 72" | BEG BORE | 983+55 | 10'DIS 156" | D-WAY | D-WAY | 10'DIS 214" | D-WAY | D-WAY | D-WAY | D-WAY | 11'DIS 162" | 13'DIS 145" | 16'DIS 137" | 18'DIS 126" | 20'DIS 145" | 22'DIS 156" | 23'DIS 164" | CULVERT | 21'DIS 140" | 987+88 988+00
977+35 | 21'DIS 67" | END BORE | 977+55 | 977+30 | 977+90 | 977+50 | 977+10 | 976+70 | 976+30 | 976+90 | 977+50 | 977+10 | 976+70 | 976+30 | 983+60 | 983+67 | 983+87 | 984+00 | 984+75 | 984+90 | 985+10 | 985+39 | 985+53 | 985+70 | 986+00 | 986+30 | 986+50 | 986+90 | 987+10 | 987+50 | 987+77 | 988+00
977+99 | 977+35 | | 977+55 | 983+55 | | | | | | | | | | | 983+60 | 987+67 | 987+87 | | | | | | | | | | | | | | | | | |
15' | 20' | | 600' | 5' | | | | | | | | | | | 407' | 20' | 13' | | | | | | | | | | | | | | | | | |
1.11 | TRENCH | | 1.11 | TRENCH | | | | | | | | | | | 1.11 | 1.11 @ 3.21 | 1.11 | | | | | | | | | | | | | | | | | |
2-1.5" HDPE | 2-1.5" HDPE | | 2-1.5" HDPE | 2-1.5" HDPE | | | | | | | | | | | 2-1.5" HDPE | 2-1.5" HDPE | 2-1.5" HDPE | | | | | | | | | | | | | | | | | |
1-1.25" HDPE | 1-1.25" HDPE | | 1-1.25" HDPE | 1-1.25" HDPE | | | | | | | | | | | 1-1.25" HDPE | 1-1.25" HDPE | 1-1.25" HDPE | | | | | | | | | | | | | | | | | |
JEB SINCPAUGH | JEB SINCPAUGH | | JEB SINCPAUGH | JEB SINCPAUGH | | | | | | | | | | | JEB SINCPAUGH | JEB SINCPAUGH | JEB SINCPAUGH | | | | | | | | | | | | | | | | | |
1-30-01 | 1-4-01 | | JAN 4 01 | 1-4-01 | | | | | | | | | | | 11-3-00 | 11-3-00 | 11-3-00 | | | | | | | | | | | | | | | | | |
TIDWELL | TIDWELL | | TIDWELL | TIDWELL | | | | | | | | | | | MGE | MGE | MGE | | | | | | | | | | | | | | | | | |
IN BLACK 1.25" HDPE
65A TRACER WIRE
JEB SINCPAUGH
6-15-01

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH
REEL # N/A
N/A
1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)
1-1.25" HDPE BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- OB Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.L.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./ACL
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- OB Marker
- Fiber Marker
- Water Inlet

WILLIAMS
EMERGENCY NOTIFICATION NUMBER
1-800-582-9069

CAUTION
WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255
FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :
1-800-227-2600

DRAWING DISCLAIMER
FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-198-SPRD 4

Williams Construc[illegible] As-Built Documentation

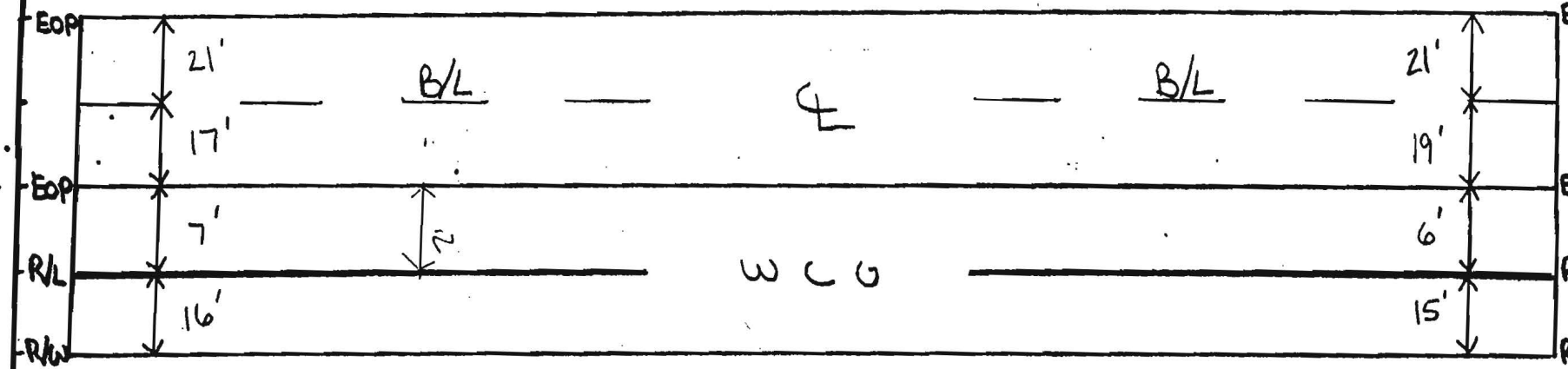
Spread Location: Santa Rosa
Spread No. SouthHB
AFE No. 4875
Contract No. 99P154.16

Page No. 1
Drawing #: Sacr-197, 198-4

From: Point Arena

N

To: Sacramento



973+15 24'o/s 48" Beg Bore

OVERLAP

973+30 24'o/s 67" Bore

Begin @ 973+75 7'o/s 48"

973+90 25'o/s 122" Bore

974+50 25'o/s 112" Bore

975+10 24'o/s 130" Bore

975+70 25'o/s 143" Bore

975+99 Match Line

976+30 25'o/s 135" Bore

976+90 24'o/s 67" Bore

977+35 25'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

Williams Constr[redacted]n As-Built Documentation

Spread Locatio[redacted] Santa Rosa

Spread No. South4B

AFE No. 4875

Contract No. 99P154016

Date: 1-[redacted]01

Page No. [redacted]

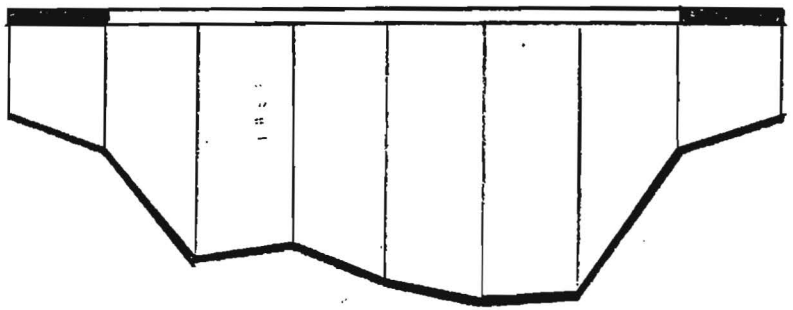
Drawing #: Sacr-197, 198-4

From: Point Arena

To: Sacramento

N

973+15	24'o/s	48"	Beg Bore
973+30	24'o/s	67"	Bore
973+90	15'o/s	122"	Bore
974+50	15'o/s	112"	Bore
975+10	26'o/s	130"	Bore
975+70	25'o/s	143"	Bore
975+99			MATCH LINE
976+30	25'o/s	135"	Bore
976+90	24'o/s	67"	Bore
977+35	25'o/s	48"	End Bore



Notes: 2-1¼ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

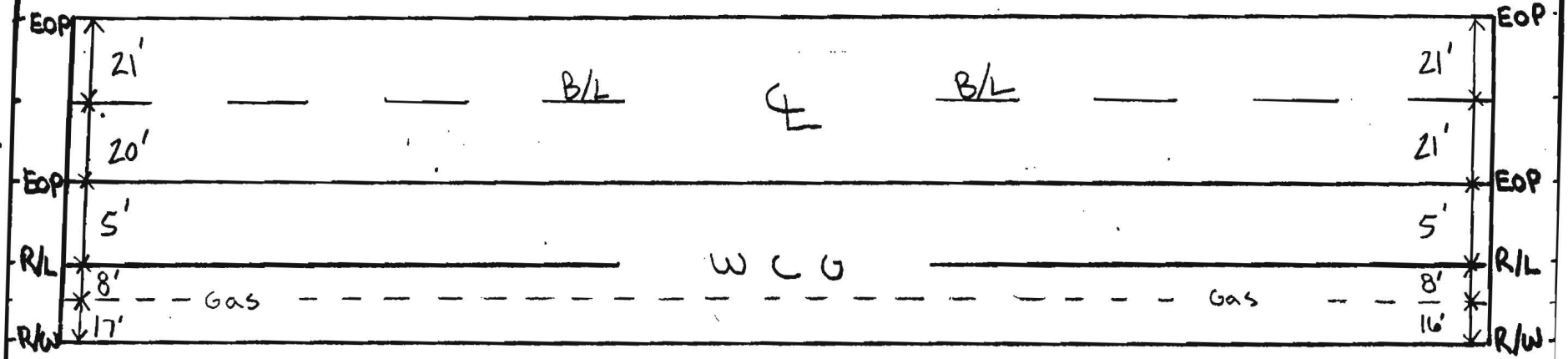
Inspector: Jeb Sinclair

Williams Construction As-Built Documentation

Spread Location: nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Page No. 1 -
Drawing #: Sour-198-4

From: Point Arena N To: Sacramento



977+55 25'o/s 48" Beg Bore

977+70 25'o/s 132" Bore

978+30 27'o/s 232" Bore

978+90 27'o/s 192" Bore

979+50 26'o/s 350" Bore

980+10 26'o/s 360" Bore

980+70 26'o/s 360" Bore

981+30 27'o/s 380" Bore

981+90 26'o/s 269" Bore

982+50 26'o/s 187" Bore

983+10 26'o/s 76" Bore

983+35 26'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jebsincraugh

Williams

Williams Construc[illegible]s-Built Documentation

Spread Location: Santa Rosa
Spread No. South 48
AFE No. 4875
Contract No. 99P154.16

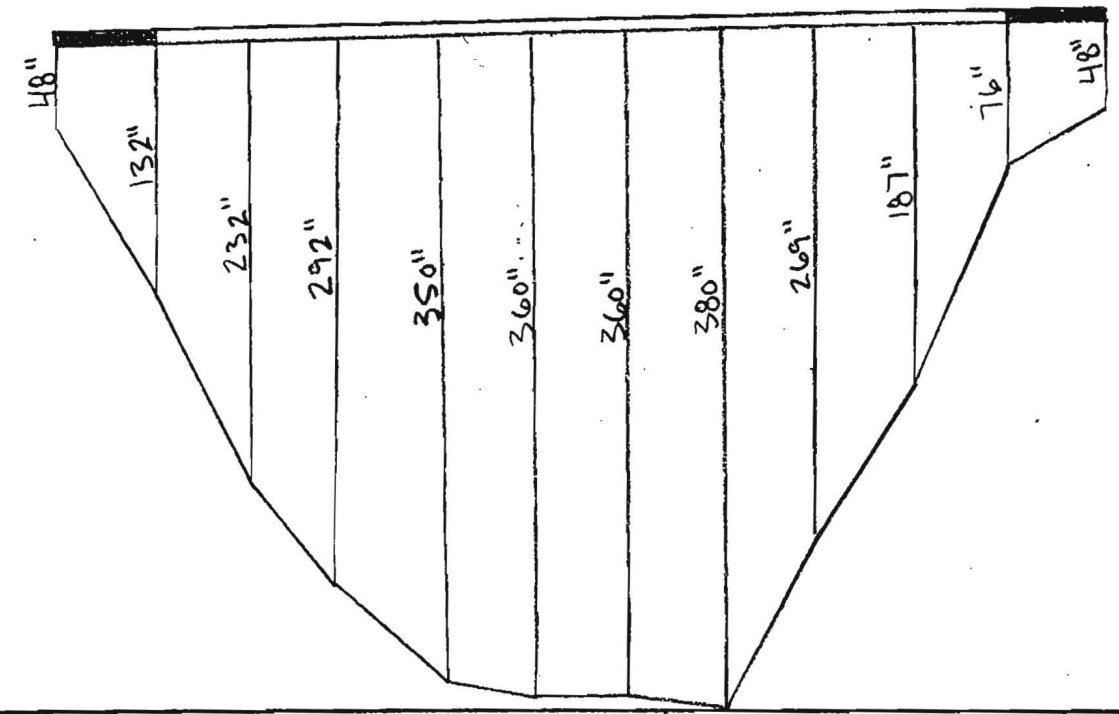
Date: 1-4
Page No. 2 o
Drawing #: Sour-198-4

From: Point Arena

To: Sacramento

N

977+55	977+70	978+30	978+90	979+50	980+10	980+70	981+30	981+90	982+50	983+10	983+35
25'o/s 48" Beg Bore	25'o/s 132" Bore	27'o/s 232" Bore	27'o/s 292" Bore	26'o/s 350" Bore	26'o/s 360" Bore	26'o/s 360" Bore	27'o/s 380" Bore	26'o/s 269" Bore	26'o/s 187" Bore	26'o/s 76" Bore	26'o/s 48" End Bore



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

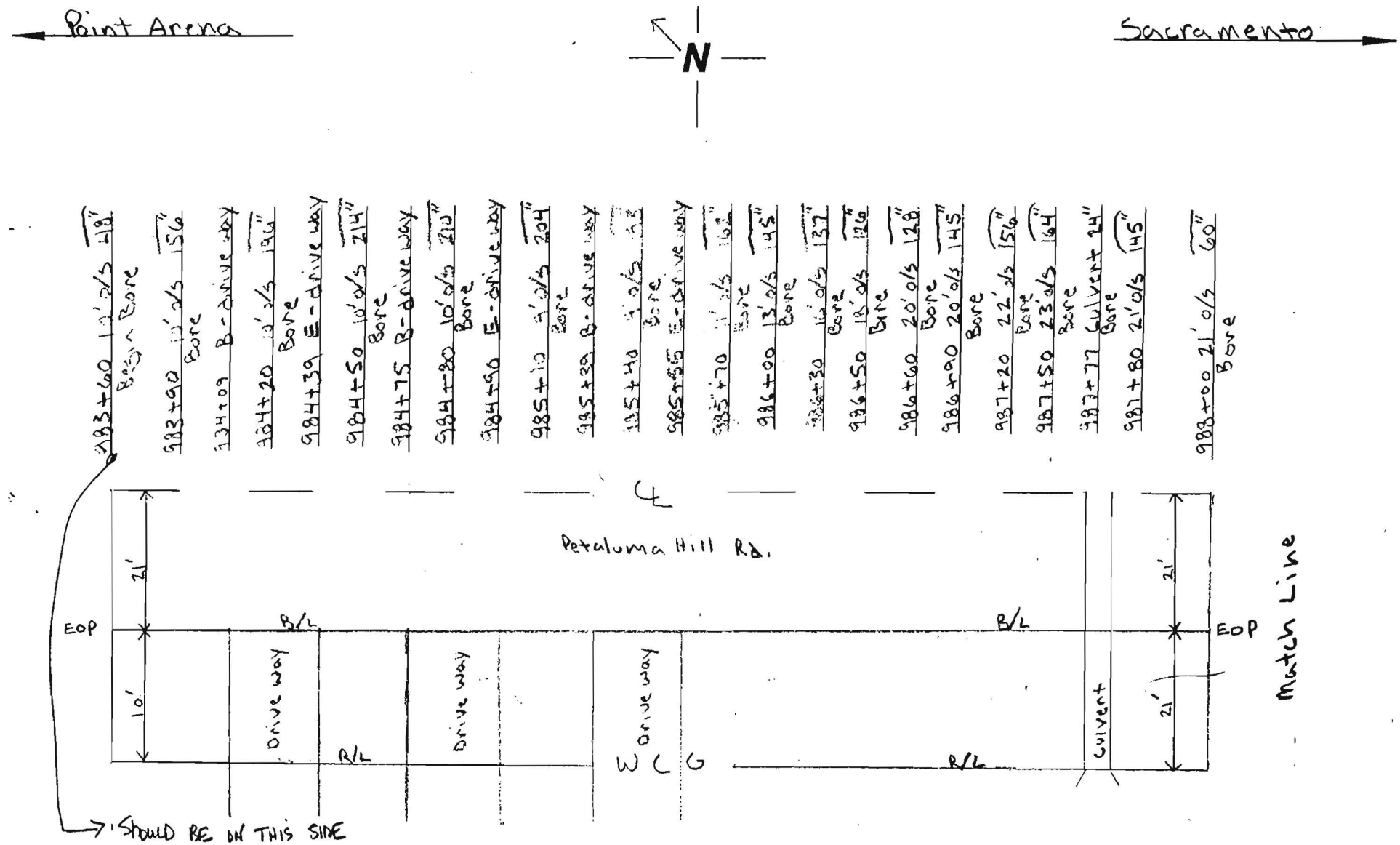
Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sincraugh

Williams CONSTRUCTION AS-BUILT DOCUMENTAT[illegible]

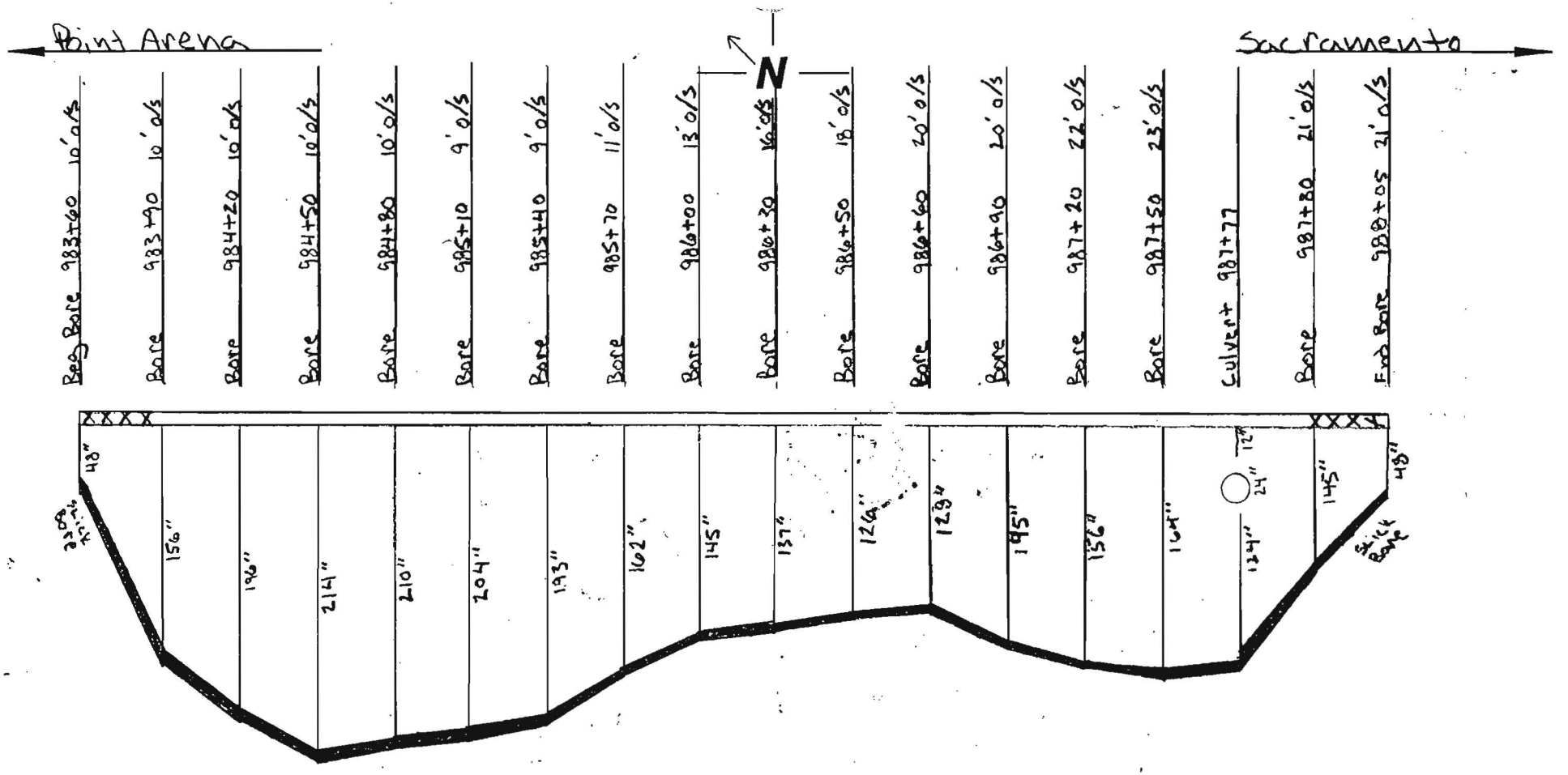
DATE: Nov 3, 2000 | PROJECT: 4875 | [illegible] [illegible]uth 4B



NOTES:	COUNTY:	CONTRACTOR:
2 1½ HDPE orange, Blue	Sanoma	Tidwell/MGE
1 1¼ HDPE Black	DUCT CONFIGURATION:	INSPECTOR:
PAGE 1 OF 3		Jeb Sincraugh

Williams CONSTRUCTION AS-BUILT DOCUMENTAT

DATE:	PROJECT:		
11-3-00	4875	Sacr-198,199-	South 4B



NOTES:	COUNTY:	CONTRACTOR:
2-1½ HDPE orange, Blue	Sanoma	Tidwell/MGE
1-1¼ HDPE Black	DUCT CONFIGURATION:	INSPECTOR:
PAGE OF		Jeb Sincraugh

FIBER STATIONING

#3	#4	#1	#6	#5	#2
987+73 1' RT. CULVERT 987+74 30' RT. CULVERT 987+78 66' LT. CULVERT 987+79 END STEEL 988+03 19' RT. FENCE CORNER 988+11 65' LT. CULVERT 988+17 HANDHOLE 988+33 DRIVEWAY 988+36 66' LT. CULVERT 988+50 4' RT. UTIL. POLE 988+30 #3 ALIGNMENT SPLICE	990+17 4' RT. UTIL. POLE 990+41 BEGIN STEEL 990+45 CULVERT 990+46 1' RT. CULVERT 990+46 2' RT. CULVERT 990+46 10' LT. CULVERT 990+46 13' RT. CULVERT 990+47 18' LT. CULVERT 990+48 76' LT. CULVERT 990+52 END STEEL 991+91 4' RT. UTIL. POLE 992+95 #4 ALIGNMENT SPLICE	993+30 12' RT. FENCE CORNER 993+35 67' LT. CULVERT 993+40 DRIVEWAY 993+53 13' RT. FENCE CORNER 993+58 4' RT. UTIL. POLE 994+36 BEGIN STEEL 994+40 CULVERT 994+40 5' LT. CULVERT 994+40 8' LT. CULVERT 994+41 19' LT. CULVERT 994+44 78' LT. CULVERT 994+47 END STEEL 995+28 4' RT. UTIL. POLE 996+47 #1 SPLICE ALT.	996+95 4' RT. UTIL. POLE 997+19 69' LT. CULVERT 997+45 70' LT. CULVERT 997+07 #6 FIBER MARKER	998+63 4' RT. UTIL. POLE 998+72 #2 SPLICE ALT. 998+70 #5 SPLICE POLE	999+56 BEGIN STEEL 999+60 CULVERT 999+61 3' LT. CULVERT 999+68 82' LT. CULVERT

ROAD STATIONING

POINT ARENA — SONOMA COUNTY CALIFORNIA — SACRAMENTO

MATCH LINE SHT. 198-SPRD 4 988+00 — SHT. 200-SPRD 4 1000+00 MATCH LINE

17'DIS 48" — 21'DIS 48" — 21'DIS 48" — 20'DIS 48" — 20'DIS 48" — 20'DIS 48"

R/W — ASPHALT DRIVE — PETALUMA HILL ROAD — ASPHALT DRIVE — ASPHALT DRIVE

60' — 75' — 60' — 55' — 60' — 55' — 60' — 23'

BORE CULVERT — BORE CULVERT — BEGIN BORE

BEG TRENCH — END TRENCH — ASPHALT DRIVE

PROPOSED WILLIAMS FIBER ROUTE

988+00	988+05	988+50	990+36	990+56	992+90	993+00	993+30	994+50	994+80	995+10	996+90	996+95	997+00	998+70	998+75	999+50	1000+00
988+05	988+50	990+36	990+56	992+90	993+00	993+30	994+50	994+80	995+10	996+90	996+95	998+70	998+75	999+50	1000+00		
5'	45'	186'	20'	234'	10'	130'	20'	240'	5'	175'	5'	75'	50'				
1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCLAUGH 11.3.00 MGE	TRENCH 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11.3.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11.3.00 TIDWELL	1.11 @3.21 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11.3.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11.3.00 TIDWELL	TRENCH 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11.3.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11.2.00 TIDWELL	1.11 @3.21 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11.2.00 TIDWELL GSA. TRACER WIRE JEB SINCLAUGH 6-15-01 IN BLACK 1.25 HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11.2.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCLAUGH 11.20.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11.2.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCLAUGH 11.20.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11.3.00 TIDWELL	1.11 @3.21 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11.3.00 TIDWELL	

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

OFFSETS TAKEN FROM EDGE OF PAVEMENT — BASELINE = EDGE OF PAVEMENT

17'DIS 48"	17'DIS 36"	16'DIS 54"	15'DIS 55"	15'DIS 18"	15'DIS 30"	CULVERT	16'DIS 114"	18'DIS 104"	18'DIS 95"	18'DIS 83"	18'DIS 75"	19'DIS 76"	21'DIS 76"	22'DIS 139"	21'DIS 141"	23'DIS 174"	CULVERT
988+00 EXIST BORE	988+00 BEG BORE	988+00 END BORE	988+30 BEG BORE	988+60 END BORE	989+30 BEG BORE	990+20 END BORE	990+70 BEG BORE	991+20 END BORE	991+40 BEG BORE	991+70 END BORE	992+00 BEG BORE	992+30 END BORE	992+40 BEG TRENCH	992+40 END BORE	993+00 BEG BORE	993+30 BEG D-WAY	993+78 END D-WAY

25'DIS 128"	25'DIS 141"	24'DIS 126"	24'DIS 111"	23'DIS 101"	22'DIS 87"	21'DIS 80"	20'DIS 94"	20'DIS 48"	20'DIS 48"	20'DIS 48"	20'DIS 48"	20'DIS 102"	20'DIS 149"	CULVERT CODE 20'DIS 140"	20'DIS 133"		
993+80 END D-WAY	994+20 BEG D-WAY	994+40 END D-WAY	994+50 BEG BORE	994+80 END BORE	995+10 BEG BORE	995+40 END BORE	995+70 BEG BORE	996+00 END BORE	996+95 BEG TRENCH	996+95 END TRENCH	997+00 BEG BORE	997+50 END BORE	998+00 BEG TRENCH	998+70 END TRENCH	998+75 BEG TRENCH	999+00 END TRENCH	999+50 BEG BORE

20'DIS 102"	20'DIS 149"	CULVERT CODE 20'DIS 140"	20'DIS 133"														
999+00 END BORE	999+50 BEG BORE	999+60 CULVERT	999+68 END BORE	1000+00													

CABLE FIBER COUNT MFR. TYPE OF GLASS — CABLE DESCRIPTION

CABLE REEL NO.

SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

INNERDUCT & TYPE (CORR/SMOOTH/COLOR) — PIPE & INNERDUCT PLACEMENT

STEEL PIPE SIZE

PVC

FUTURE-2 — FUTURE UNIT PLACE

FUTURE-3

FUTURE-4

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- OR Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- OR Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

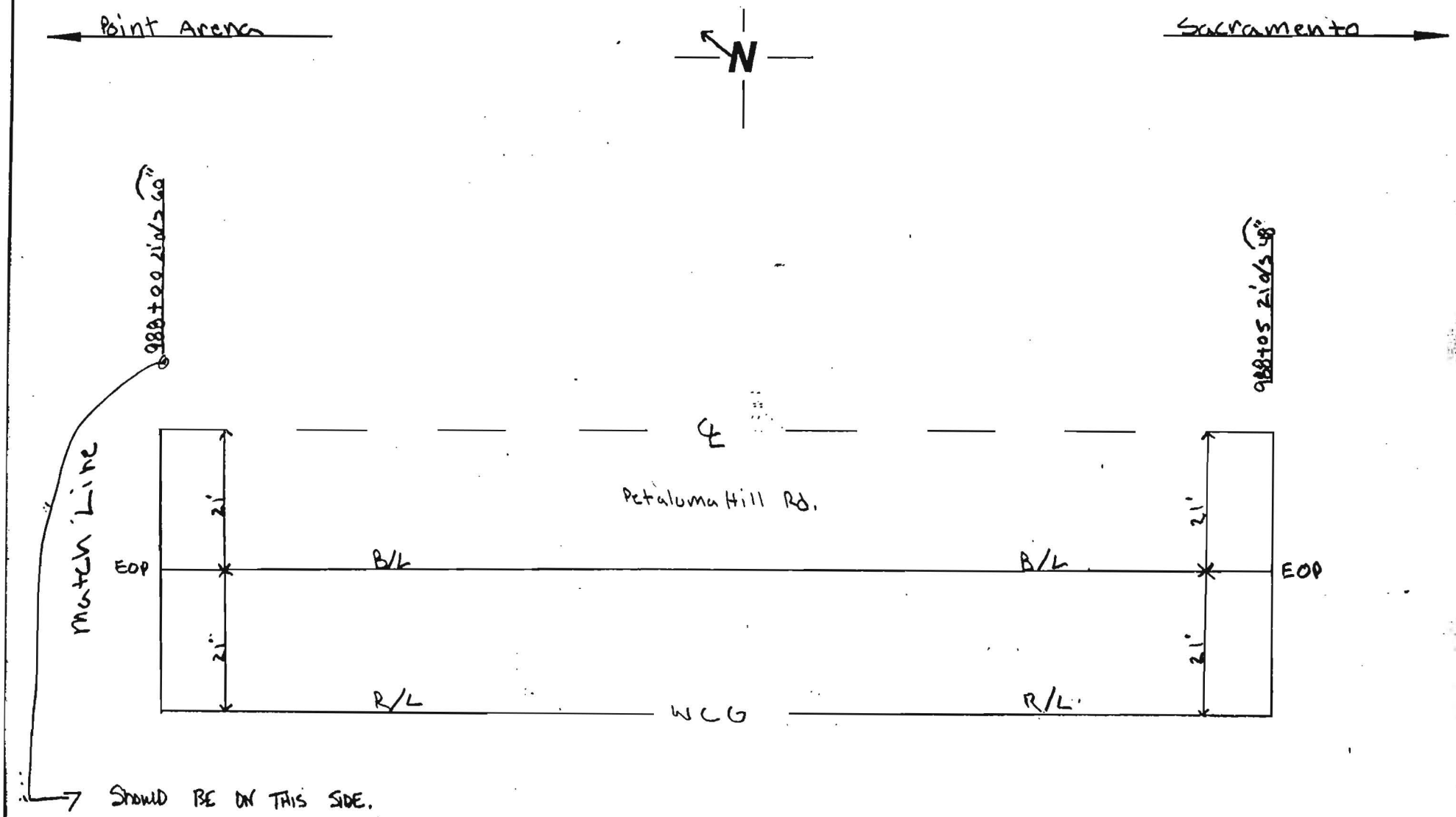
REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-199-SPRD 4

Williams CONSTRUCTION AS-BUILT DOCUMENTATION | 11-3-00 | 4875 | Sacr-178,179-4 | South 4B



NOTES: 2 : 1½ HDPE orange, Blue	COUNTY: Sanoma	CONTRACTOR: Tidwell/MGE
1 1¼ HDPE Black	DUCT CONFIGURATION:	INSPECTOR: Jeh Sincraugh
PAGE 3 OF 3		

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99154-16

Date: 11-3-

Page No. 1 of

Drawing #: SHACK

199 - SPRD 4

From: POINT ARENA

To: SACRAMENTO

N

Begin Bore 988+50 17'ois 48"

988+70 17'ois 48" Bore

989+00 17'ois 50" Bore

989+30 16'ois 54" Bore

989+60 15'ois 55" Bore

989+90 15'ois 68" Bore

990+20 15'ois 80" Bore

990+46 Culvert 36"

990+50 14'ois 110" Bore

990+80 16'ois 119" Bore

991+10 18'ois 104" Bore

991+40 18'ois 95" Bore

991+70 18'ois 83" Bore

992+00 18'ois 75" Bore

992+30 19'ois 76" Bore

993+60 21'ois 76" Bore

992+90 21'ois 48" End Bore

℄

PETALUMA HILL Rd

21'

EOP

B/L

B/L

EOP

21'

17'

CULVERT

R/L

WCG

R/L

21'

SHOULD BE ON THIS SIDE

Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector:
		JR Smits

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 11-3

Page No. 2 of 4

Drawing #: SNCR-199-SPRD-4

From: Point ARENA

To: SACRAMENTO

N

988+50 17'o/s Begin Bore

988+70 17'o/s Bore

989+00 17'o/s Bore

989+30 16'o/s Bore

989+60 15'o/s Bore

989+90 15'o/s Bore

990+20 15'o/s Bore

990+46 Culvert 36"

990+50 14'o/s Bore

990+80 16'o/s Bore

991+10 18'o/s Bore

991+40 18'o/s Bore

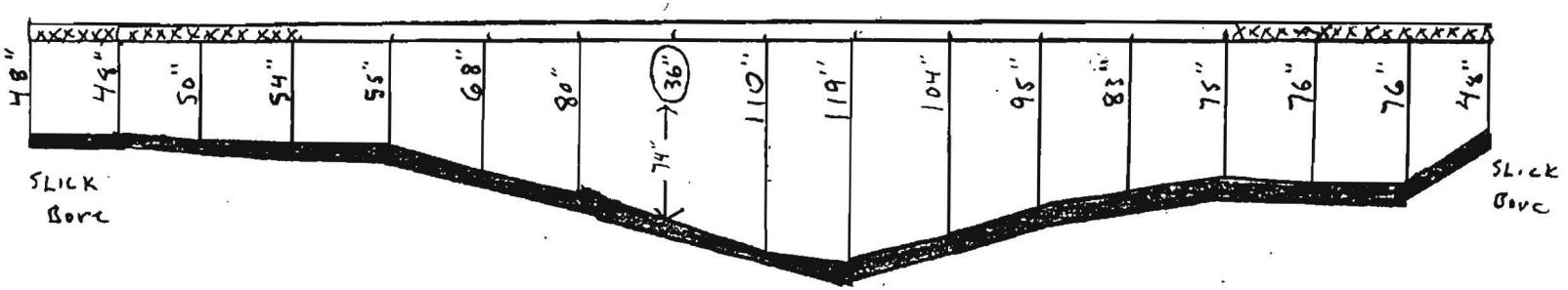
991+70 18'o/s Bore

992+00 18'o/s Bore

992+30 19'o/s Bore

992+60 21'o/s Bore

992+90 21'o/s End Bore



Notes:	County:	Contractor:
2 1¼ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector:
		JR Smith

Williams

Williams Construct[illegible] As-Built Documentation

Spread Location:

Spread No. South 4B

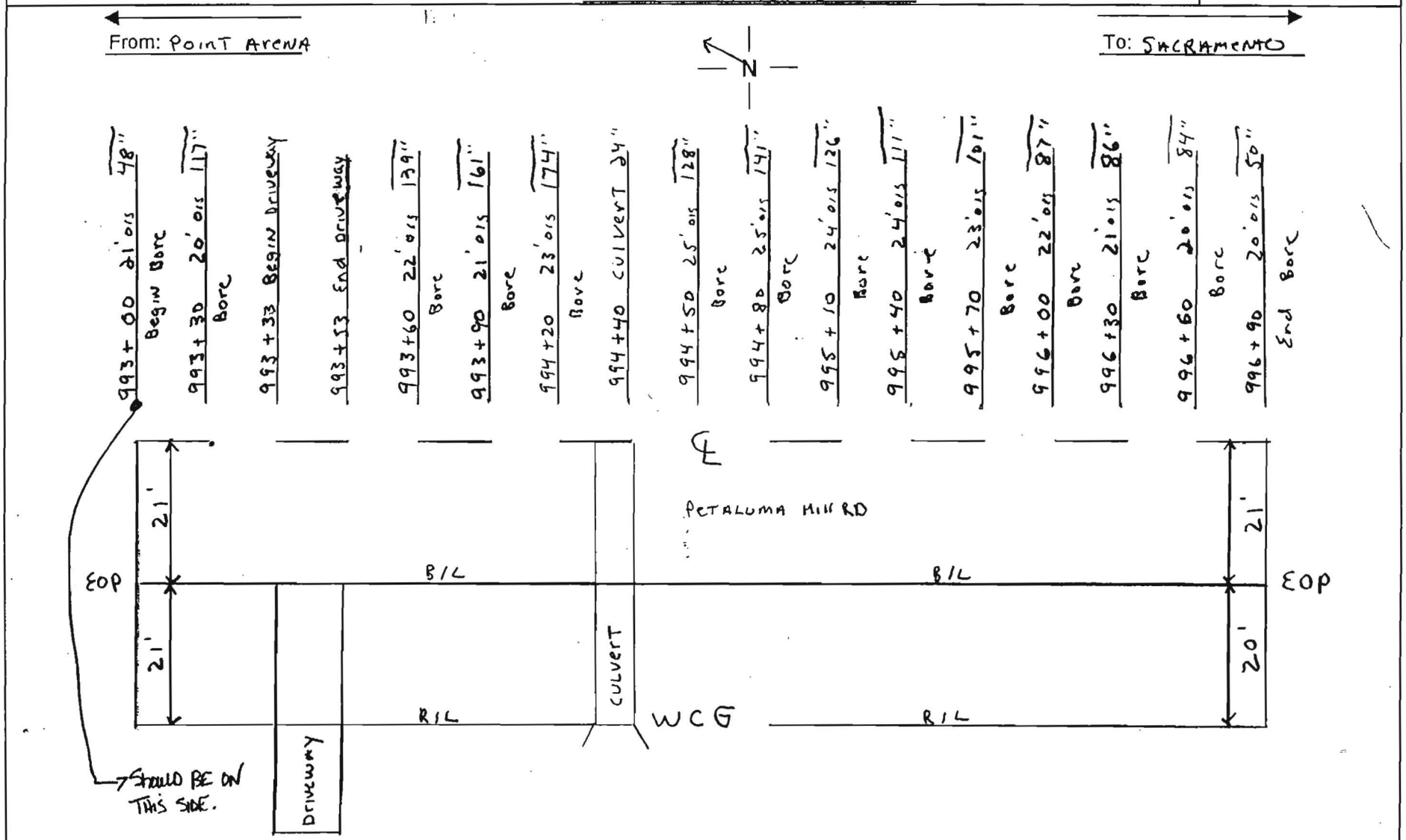
AFE No. 4875

Contract No. 99P154 16

Date: 11-2-

Page No. 1 of 2

Drawing #: SACR-199-SPRD-4



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 40

AFE No. 4875

Contract No. 99 P154.16

Date: 11-3

Page No. 2 of 2

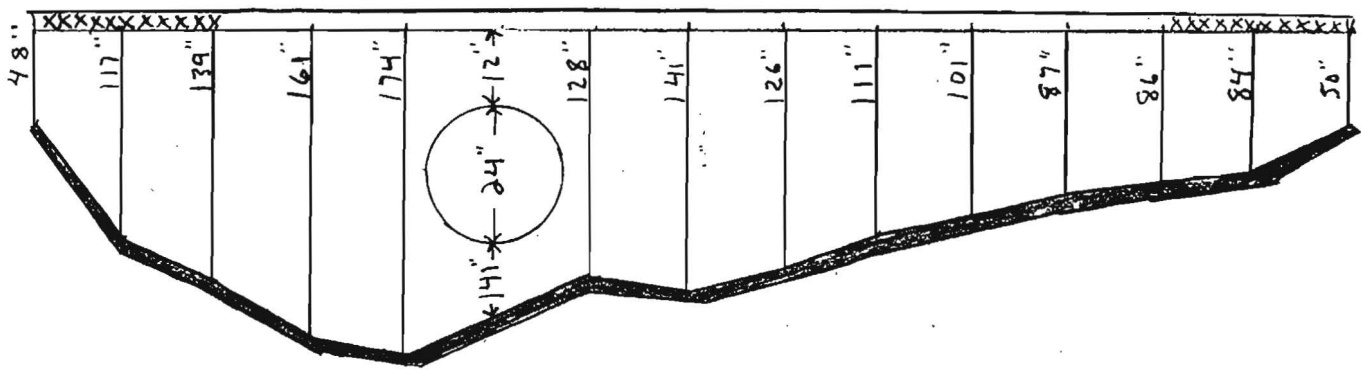
Drawing #: SACR-199-SPRD-4

From: POINT AREWA

To: SACRAMENTO

N

993+00	21' o/s
	Begin Bore
993+30	20' o/s
	Bore
993+60	22' o/s
	Bore
993+90	21' o/s
	Bore
994+20	23' o/s
	Bore
994+40	
	Culvert 24"
994+50	25' o/s
	Bore
994+80	25' o/s
	Bore
995+10	24' o/s
	Bore
995+40	24' o/s
	Bore
995+70	23' o/s
	Bore
996+00	22' o/s
	Bore
996+30	21' o/s
	Bore
996+60	20' o/s
	Bore
996+90	20' o/s
	End Bore



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector:
		JR Smith

Williams

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P 154.16

Date: 11-2[illegible]0
Page No. 1 of 1
Drawing #:
Socr-199-4

From: Point Arena

To: Sacramento

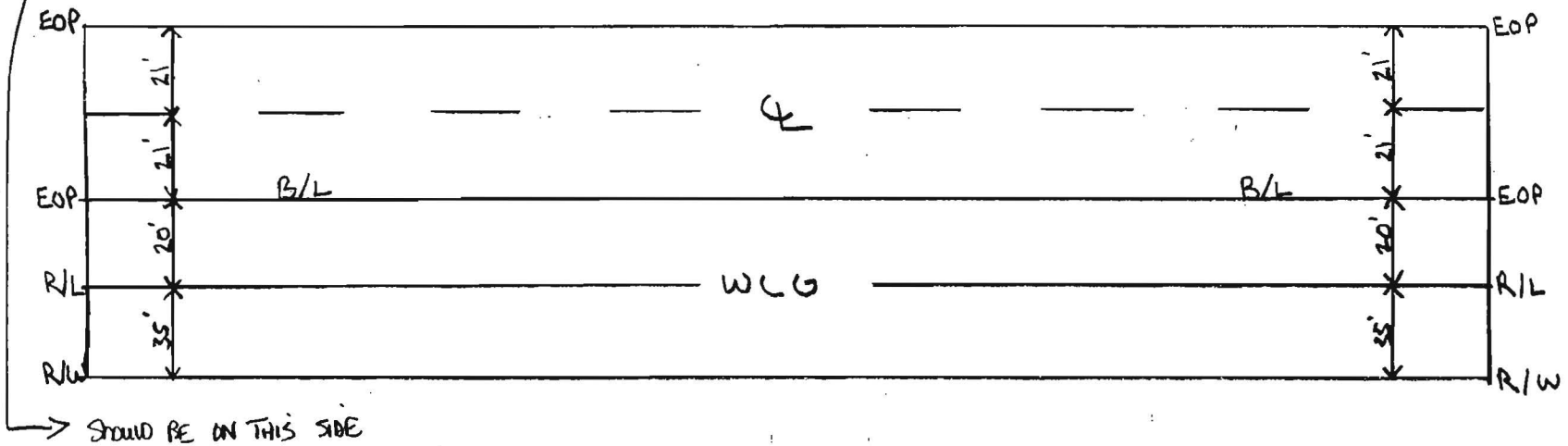
N

996+90 20' o/s 50" Bees Trench

996+92 20' o/s 48" All duct Splice

996+95 20' o/s 48" End Trench

Petaluma Hill Rd.



→ Should be on this side

Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Seb Sincraugh

Williams

Williams Construct[illegible] As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154-16

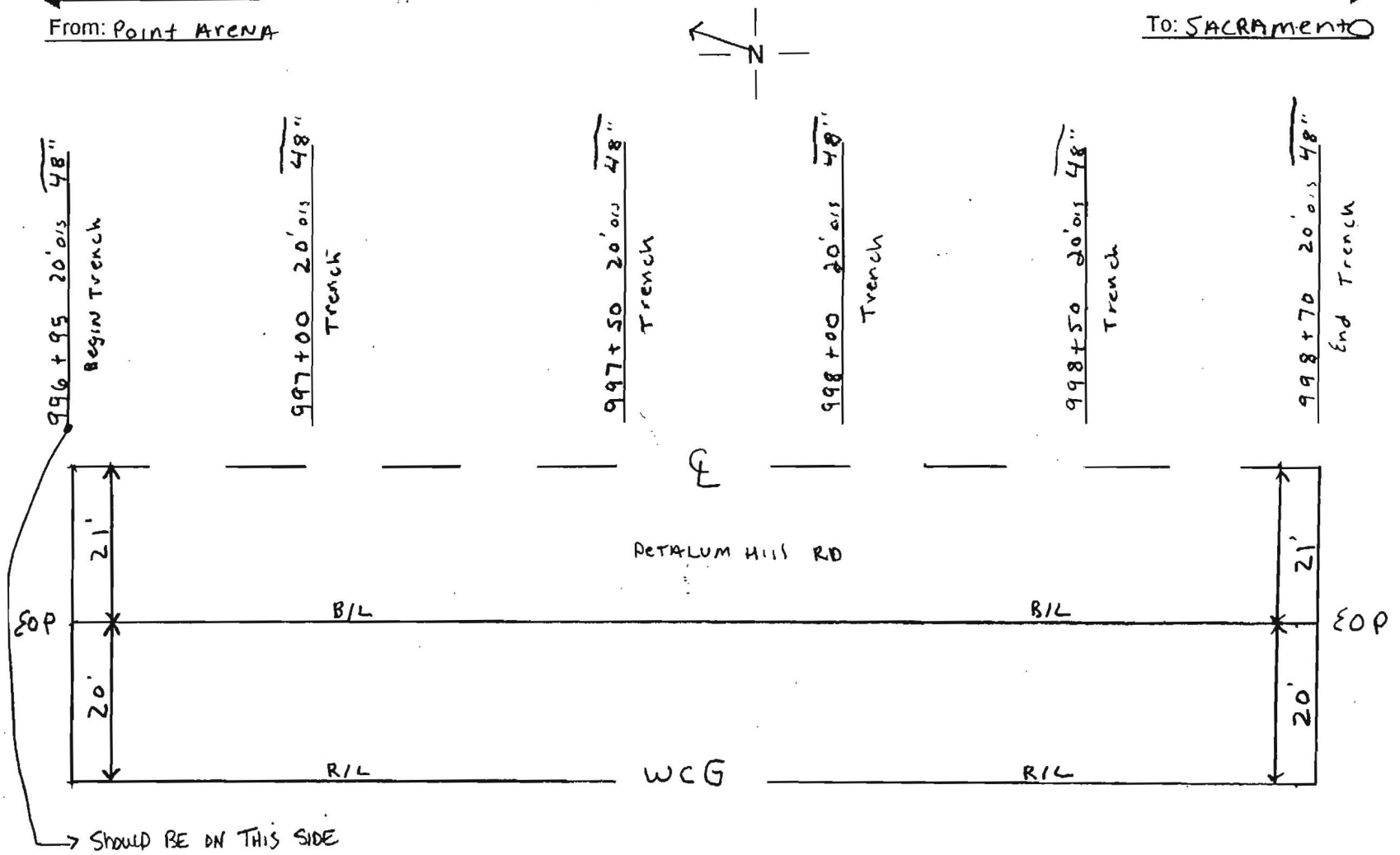
Date: 11-2

Page No. 1 of 1

Drawing #: SACR-199-Spr0 4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector:
		JR Smits

Williams

Williams Construction — As-Built Documentation

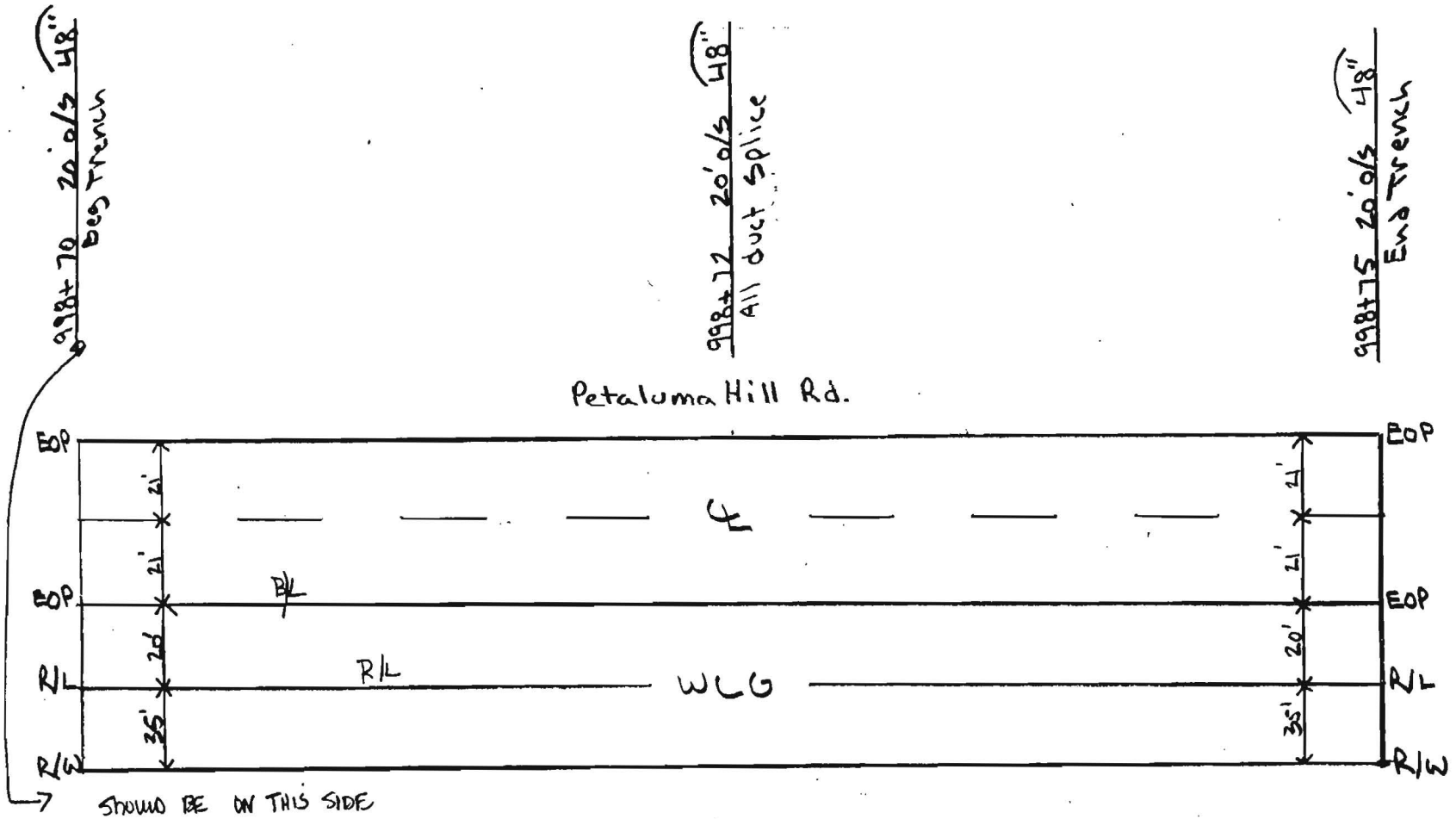
Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 11-2
Page No. 1 of
Drawing #: Socv-199-4

From: Point Arena

N

To: Sacramento



Notes:	County:	Contractor:
2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Deb Sinclair

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

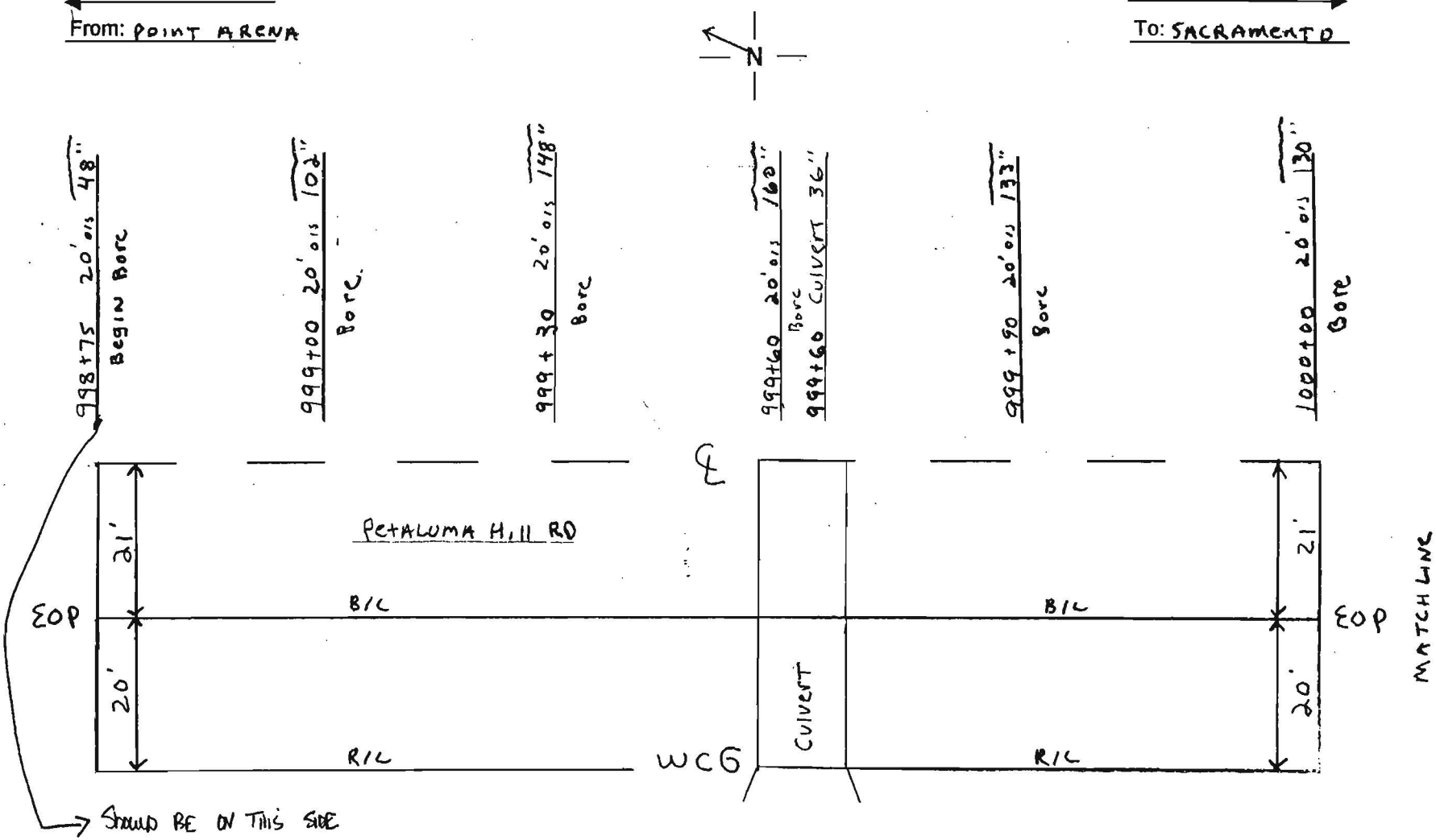
Date: 11-3-2

Page No. 1 of 2

Drawing #: SACR-199-SPRD-4

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams Construction - As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154-16

Date: 11-7-

Page No. 3 of 3

Drawing #: SACR 199-200-Spd-4

From: Point Arena

To: Sacramento

N

998+75 20' o/s Begin Bore

999+00 20' Bore

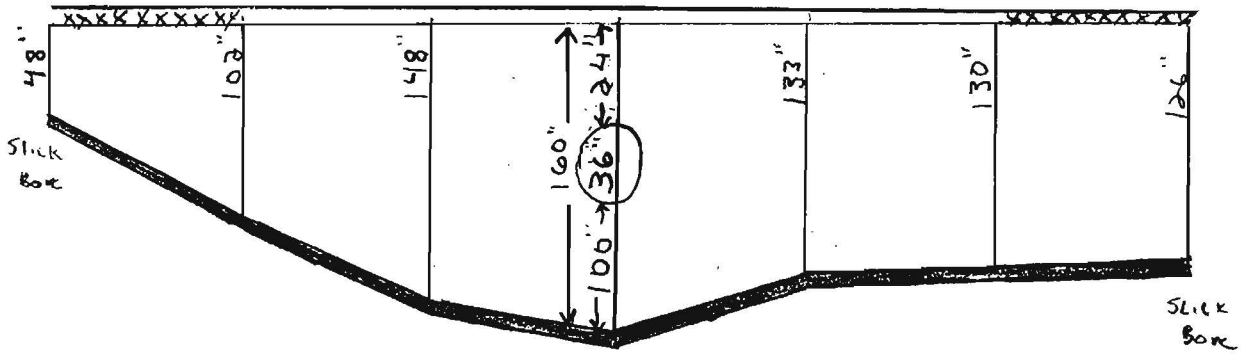
999+30 20' o/s Bore

999+60 20' o/s Bore / Culvert 36"

999+90 20' o/s Bore

1000+00 20' o/s Bore

1000+20 20' o/s End Bore



Notes:	County:	Contractor:
2 1½ HDPE Orange - Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector:
		JR Smith

FIBER STATIONING

1000+30 ALL DUCT SPLICE
1000+33 4' RT. UTIL. POLE
1002+39 4' RT. FENCE
1005+31 END STEEL
1005+44 80' LT. CULVERT
1005+44 80' LT. CULVERT
1005+49 77' LT. CULVERT
1006+08 72' LT. CULVERT
1006+39 72' LT. CULVERT
1006+44 20' LT. FENCE CORNER
1006+56 3' RT. DRIVEWAY
1006+78 ALL DUCT SPLICE
1006+84 3' LT. FENCE CORNER
1006+95 FENCE
1007+10 4' RT. UTIL. POLE
1007+84 BEGIN STEEL
1007+88 CULVERT
1007+88 20' LT. CULVERT
1007+89 4' RT. CULVERT
1007+91 2' RT. CULVERT
1007+95 END STEEL
1008+75 BEGIN STEEL
1008+83 9' RT. UTIL. POLE
1008+86 END STEEL
1009+08 76' LT. CULVERT
1009+45 72' LT. CULVERT
1010+30 FIBER MARKER
1010+59 9' RT. UTIL. POLE
1010+81 DRIVEWAY
1011+40 ALL DUCT SPLICE

ROAD STATIONING

#1 POINT ARENA
#2 SONOMA COUNTY CALIFORNIA
#4 SACRAMENTO
#3

MATCH LINE 1000+00 999+98 SHT. 199-SPRD 4
MATCH LINE 1011+98 SHT. 201-SPRD 4

Z0°01'26" Z0°01'48" Z5°01'48" Z5°01'43" Z5°01'48" Z1°01'48"

R/W 55' 80' 75' 66' 80' 50' 55' 60' 55' 55' 70' 70' 55' 82' 20'

ASPHALT DRIVE
ASPHALT DRIVE
GRAVEL DRIVE
ASPHALT DRIVE
PETALUMA HILL ROAD
WOODED AREA
Centerline of pavement
END BORE
ASPHALT DRIVE
ASPHALT DRIVE
PROPOSED WILLIAMS FIBER ROUTE

BEG TRENCH
END TRENCH
BEG TRENCH
END TRENCH
BEG TRENCH
END TRENCH

| | | |

Williams Constructi[illegible]s-Built Documentation

Spread Location:

Spread No. South 48

AFE No. 4875

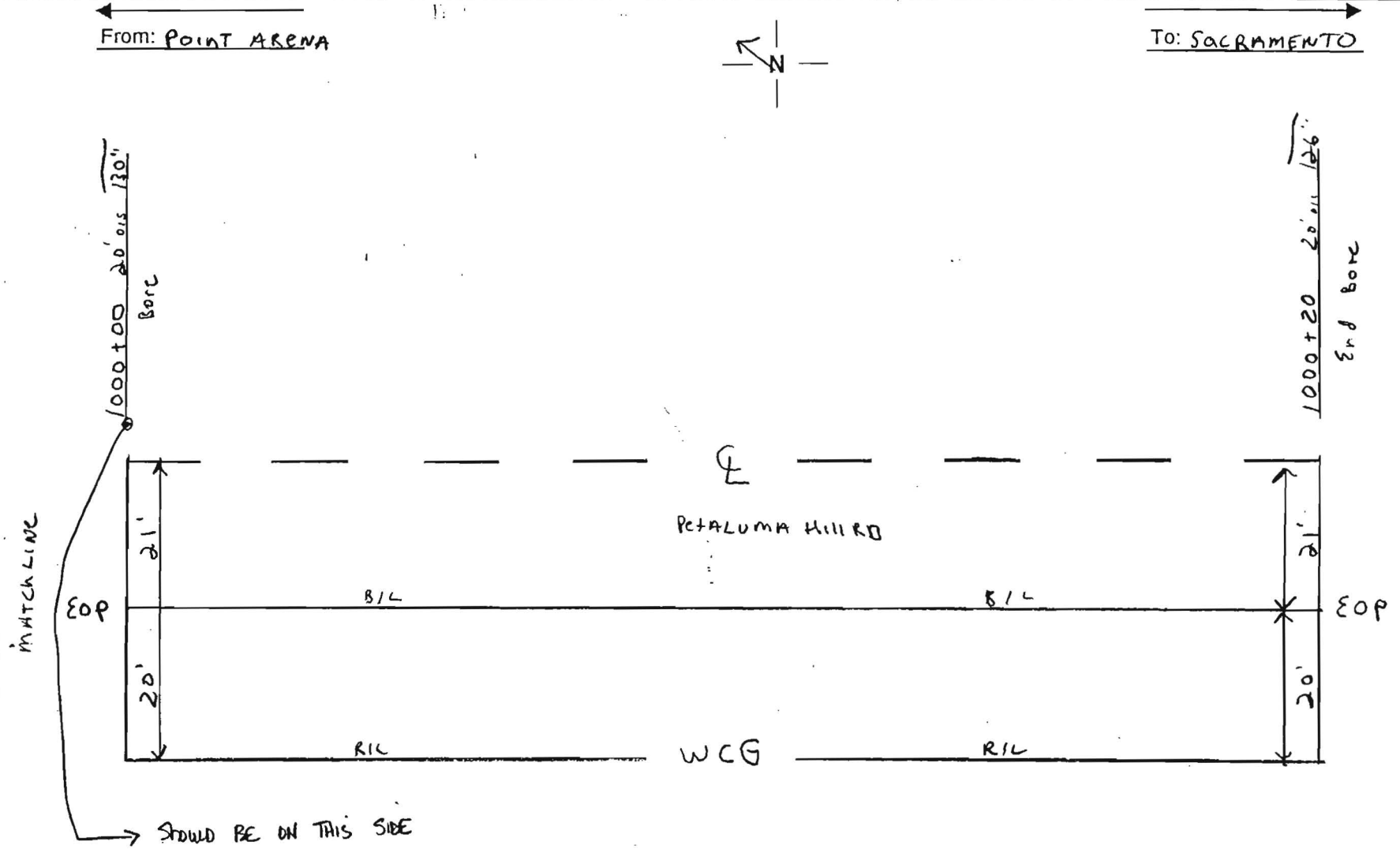
Contract No. 99P154.16

Date: 11-3-

Drawing #: SACR-200-SRD-4

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE orange, BLUE	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector:
		JR Smith

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 11-8-

Page No. 1 of 2

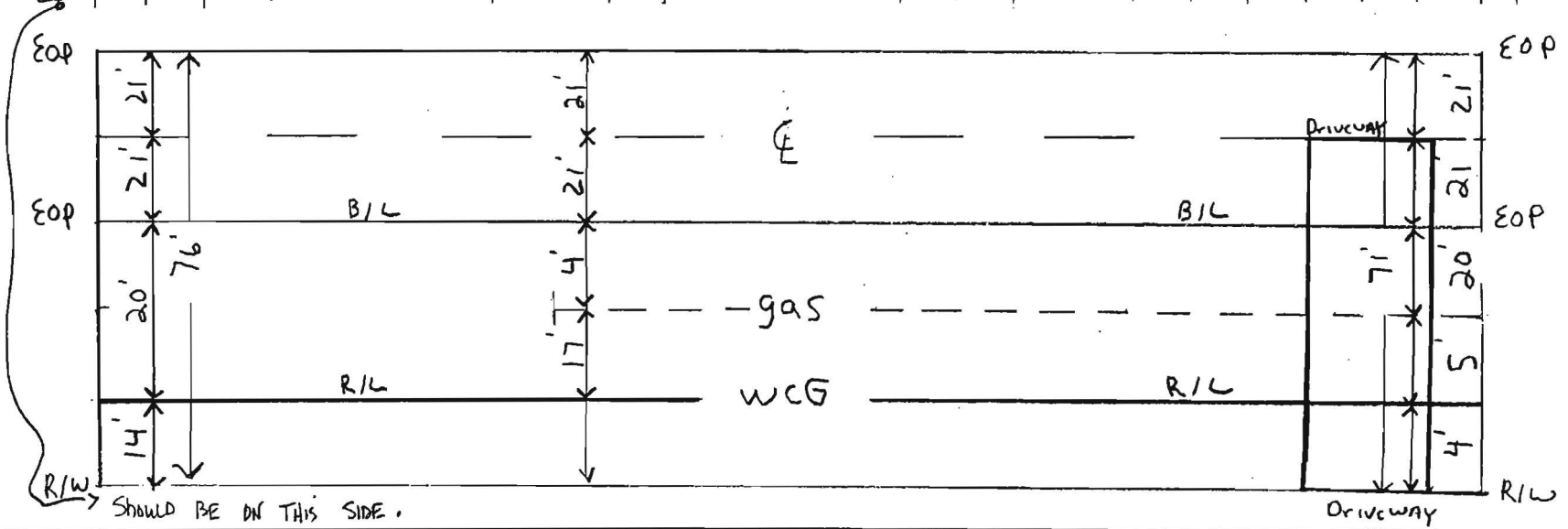
Drawing #: SMCR-200 - SPRD 4

From: Point Arena

To: Sacramento

N

Begin Bore 1000+35 20'ois 48"
Bore 1000+50 21'ois 61"
Bore 1000+80 21'ois 121"
Bore 1001+10 21'ois 121"
Bore 1001+40 21'ois 191"
Bore 1001+70 21'ois 191"
Bore 1002+00 21'ois 201"
Bore 1002+30 21'ois 211"
Bore 1002+60 21'ois 221"
Beginning Gasline 1003+62
Bore 1002+90 20'ois 231"
Bore 1003+20 19'ois 231"
Bore 1003+50 18'ois 231"
Bore 1003+80 17'ois 231"
Bore 1004+10 15'ois 241"
Bore 1004+40 14'ois 241"
Bore 1004+70 12'ois 241"
Bore 1005+00 13'ois 231"
Bore 1005+30 14'ois 241"
Bore 1005+60 16'ois 231"
Bore 1005+90 18'ois 211"
Bore 1006 120 19'ois 151"
Begin Driveway 1006+45
Bore 1006+50 21'ois 131"
End Driveway 1006+71
Bore 1006+80 23'ois 111"
End Bore 1006+95 25'ois 48"



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell/MGE
1 1¼ HDPE Black	Duct Configuration:	Inspector:
		JR Smith

Williams

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154-16

Date: 11-8

Page No. 1 of 2

Drawing #: SACR - 200 - SPRD 4

From: POINT ARENA

N

To: SACRAMENTO

Begin Bore 1000+35 26'o/s

Bore 1000+50 21'o/s

Bore 1000+80 21'o/s

Bore 1001+10 21'o/s

Bore 1001+40 21'o/s

Bore 1001+70 21'o/s

Bore 1002+00 21'o/s

Bore 1002+30 21'o/s

Bore 1002+60 21'o/s

Bore 1002+90 20'o/s

Bore 1003+20 19'o/s

Bore 1003+50 18'o/s

Bore 1003+80 17'o/s

Bore 1004+10 15'o/s

Bore 1004+40 14'o/s

Bore 1004+70 12'o/s

Bore 1005+00 13'o/s

Bore 1005+30 14'o/s

Bore 1005+60 16'o/s

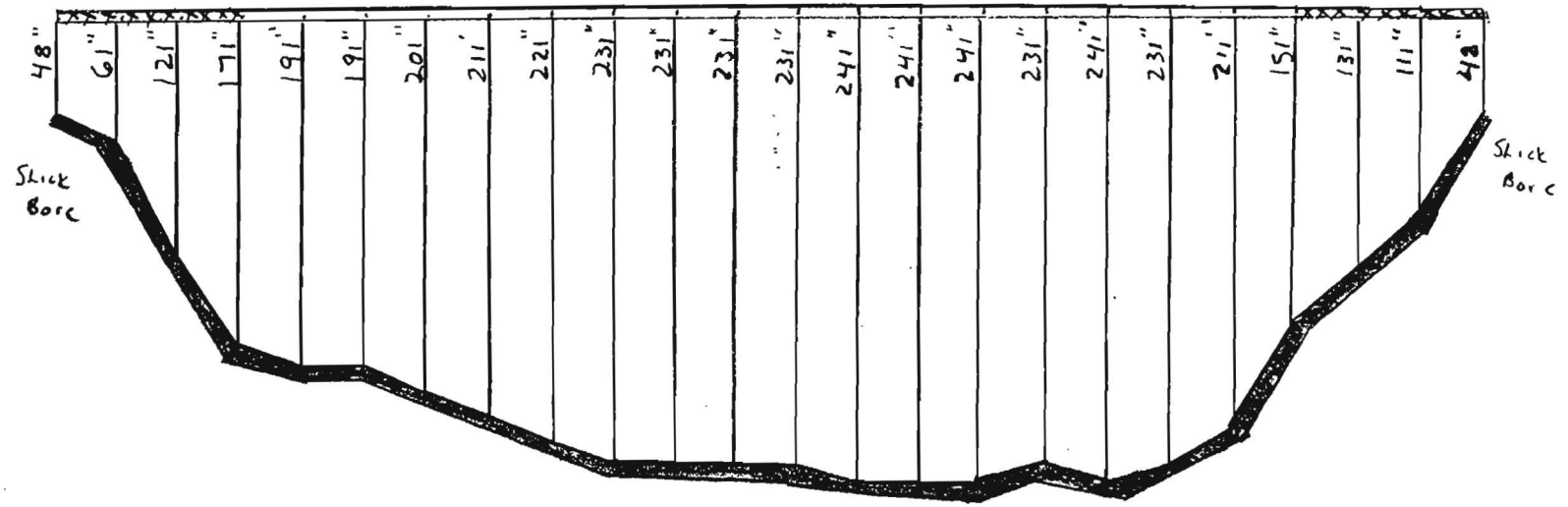
Bore 1005+90 18'o/s

Bore 1006+30 19'o/s

Bore 1006+50 21'o/s

Bore 1006+80 23'o/s

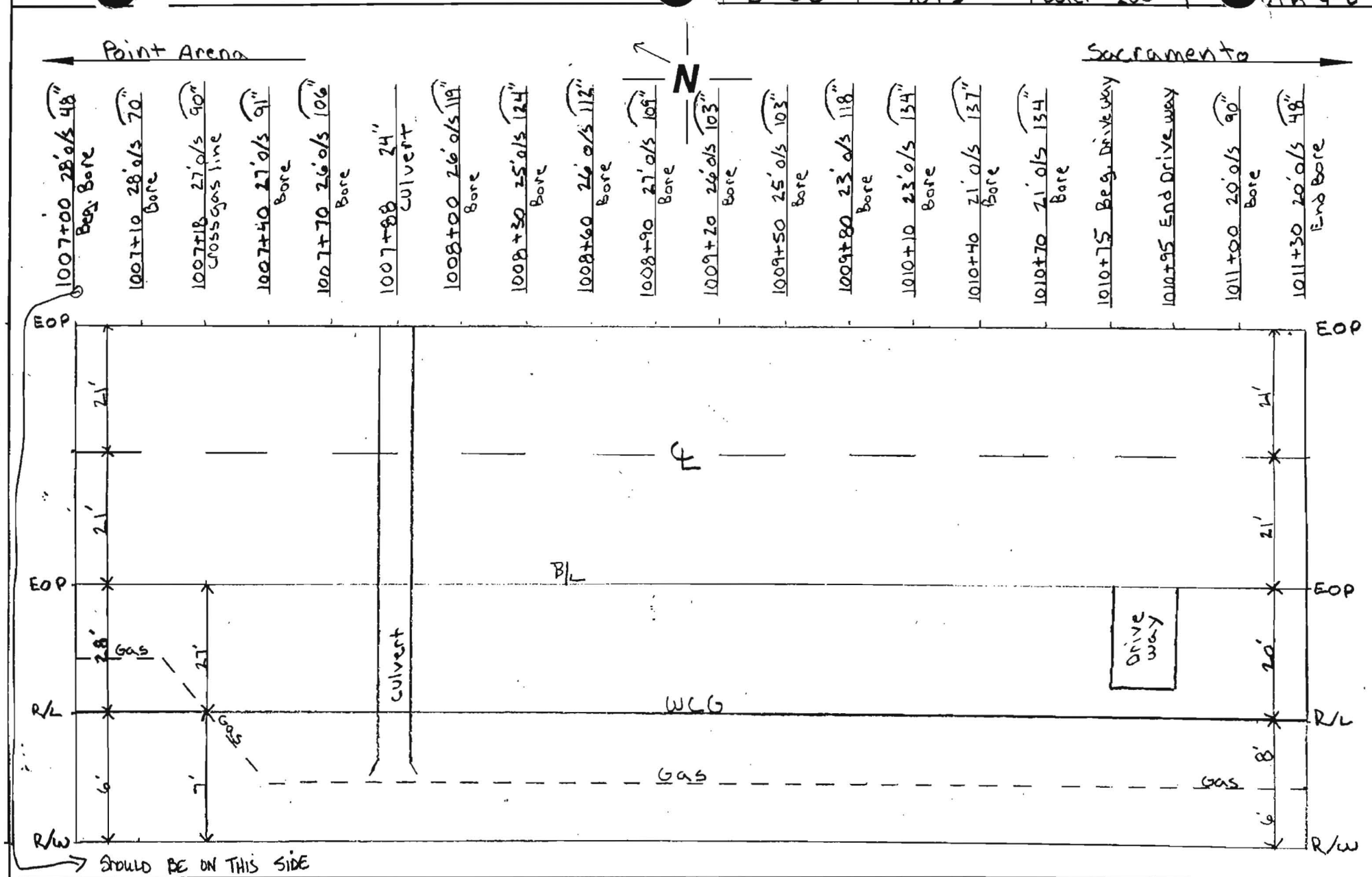
End Bore 1006+95 25'o/s



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell / MGE
1 1¼ HDPE Black	Duct Configuration:	Inspector:
		JR Smith

Williams **CONSTRUCTION AS-BUILT DOCUMENTATIO**

DATE:	PROJECT:	DWG/ALIGNMENT SHEET #	SPREAD #
11-6-00	4875	Sacr-200-4	Path 4-B



NOTES:

2- 1½ HDPE orange, Blue
1- 1¼ HDPE Black

COUNTY: Sonoma

DUCT CONFIGURATION:

CONTRACTOR: Tidwell

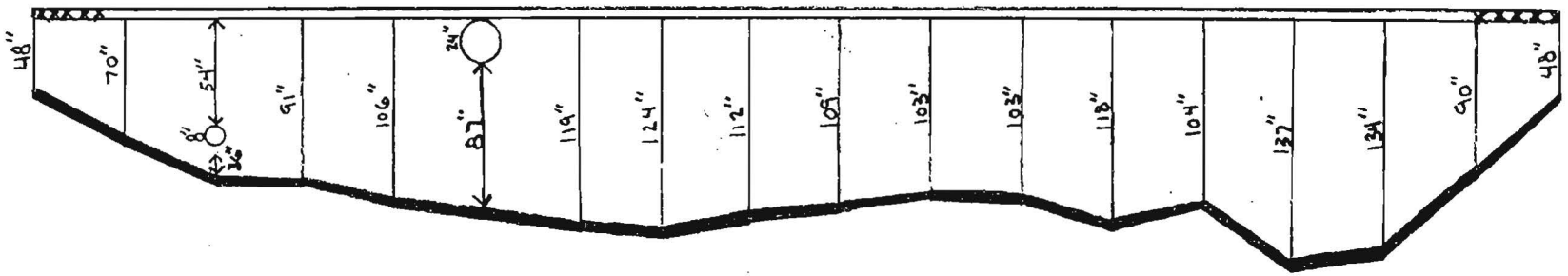
INSPECTOR: Jeb Sincraugh

Williams **CONSTRUCTION AS-BUILT DOCUMENTATION**

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
7-6-00	4875	Scar-200-4	Utah 4B

Point Arena ← N → Sacramento

1007+00	1007+10	1007+18	1007+40	1007+70	1007+88	1008+00	1008+50	1008+60	1008+90	1009+20	1009+50	1009+80	1010+10	1010+40	1010+70	1011+00	1011+30
28' o/s	28' o/s	27' o/s	27' o/s	26' o/s	24"	26' o/s	25' o/s	26' o/s	27' o/s	26' o/s	25' o/s	23' o/s	23' o/s	21' o/s	21' o/s	20' o/s	20' o/s
48"	70"	90"	91"	106"	111"	119"	124"	112"	109"	103"	103"	118"	104"	127"	134"	90"	48"
Beg. Bore	Bore	Bore gas line 8"	Bore	Bore	Culvert	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	End Bore



NOTES: 2- 1½ HDPE orange, Blue
1- 1¼ HDPE Black

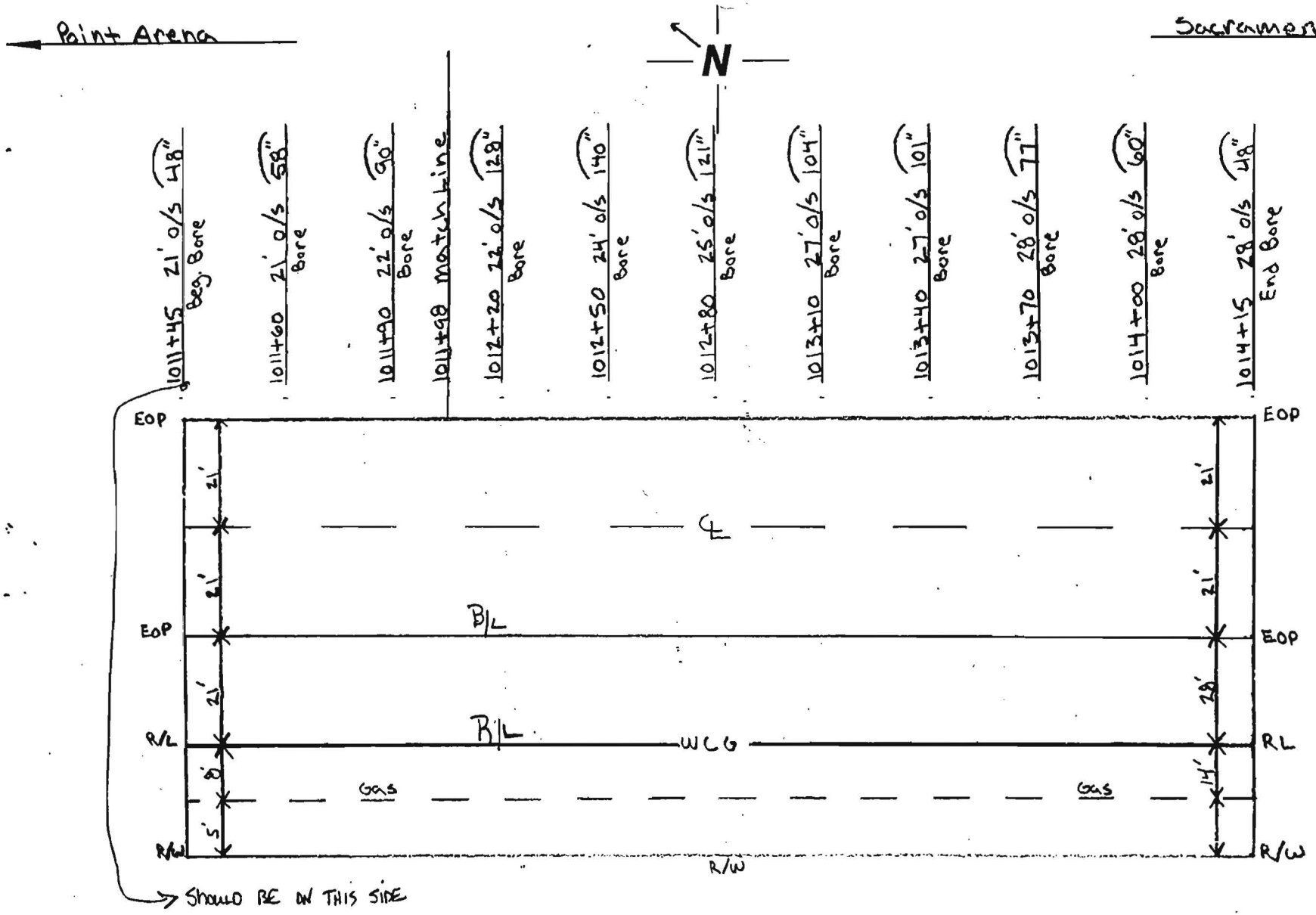
COUNTY: Sonoma

CONTRACTOR: Tidwell

DUCT CONFIGURATION:

INSPECTOR: Jeb Sinclaugh

Wi[illegible]ms CONSTRUCTION AS-BUILT DOCUMENTATIO[illegible] -6-00 | 4875 | Sacr-200,201-4 | [illegible]uth 4B

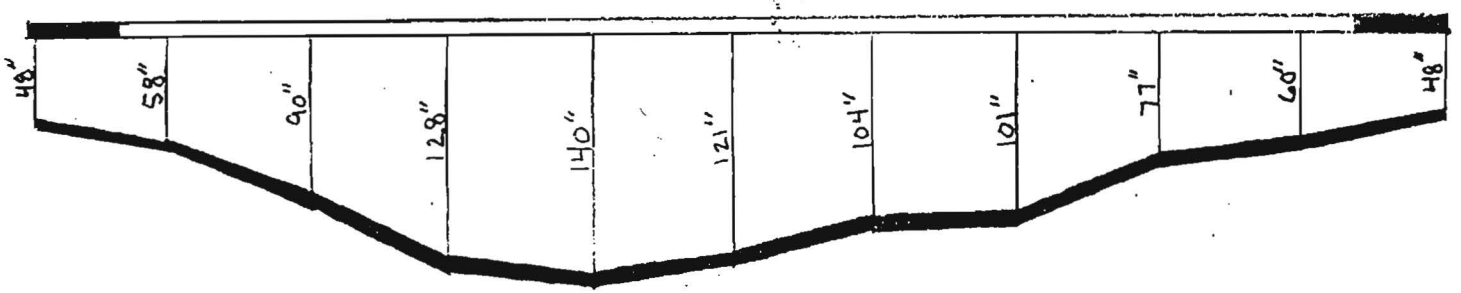


NOTES:	COUNTY:	CONTRACTOR:
2 - 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 - 1¼ HDPE Black	DUCT CONFIGURATION:	INSPECTOR:
PAGE 1 OF 2		Jeb Sincraugh

Williams **CONSTRUCTION AS-BUILT DOCUMENTATIO** | 1-6-00 | 4875 | Sacr - 200, 201 - 4 th 4B

Point Arena ← N → Sacramento

1011+45 21'o/s Beg. Bore
1011+60 21'o/s Bore
1011+90 22'o/s Bore
1011+98 MATCH LINE
1012+20 22'o/s Bore
1012+50 24'o/s Bore
1012+80 25'o/s Bore
1013+10 27'o/s Bore
1013+40 27'o/s Bore
1013+70 28'o/s Bore
1014+00 28'o/s Bore
1014+15 28'o/s End Bore



NOTES: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

COUNTY: Sonoma

CONTRACTOR: Tidwell

DUCT CONFIGURATION:

INSPECTOR: Jeb Sincraugh

PAGE 2 OF 2

FIBER STATIONING

1013+23 HANDHOLE
1013+62 62' LT. CULVERT
1013+80 70' LT. CULVERT
1014+15 SPLICE #1 / ALL DUCT
1014+53 74' LT. CULVERT
1014+81 CULVERT
1014+85 10' RT. CULVERT
1015+11 DRIVEWAY
1015+25 9' RT. CULVERT
1015+67 72' LT. DROP INLET
1016+30 98' LT. FENCE CORNER
1017+16 14' RT. UTIL POLE
1018+75 14' RT. UTIL POLE
1018+89 ALL DUCT SPLICE #2
1019+95 93' LT. FENCE CORNER
1020+40 14' RT. UTIL POLE
1020+45 72' LT. CULVERT
1020+68 71' LT. CULVERT
1021+76 BEGIN STEEL
1021+80 13' RT. CULVERT
1021+81 CULVERT
1021+85 74' LT. CULVERT
1021+87 END STEEL
1022+03 83' LT. CULVERT
1022+10 14' RT. UTIL POLE
1022+21 16' LT. CULVERT
1022+22 6' LT. CULVERT
1022+80 ALL DUCT SPLICE #3
1023+08 FIBER MANHOLE #5
1023+21 DRIVEWAY
1023+60 ALL DUCT SPLICE #4
1023+78 15' RT. FENCE CORNER
1023+81 14' RT. UTIL POLE
1023+97 15' RT. FENCE CORNER

ROAD STATIONING

← POINT ARENA — SONOMA COUNTY CALIFORNIA — SACRAMENTO →

#1 #2 #3 #5 #4

MATCH LINE 1011+98 +1012+00 — SHT. 200–SPRD 4 — 1012+00

ASPHALT DRIVE — 28'0S 48" — 47'0S 48" — ASPHALT ROAD — ASPHALT DRIVE — 51'0S 48" — 51'0S 48" — 56'0S 48" — 41'0S 48"

65' — 60' — 20' — R/W — G — X — T — 55' — 60'

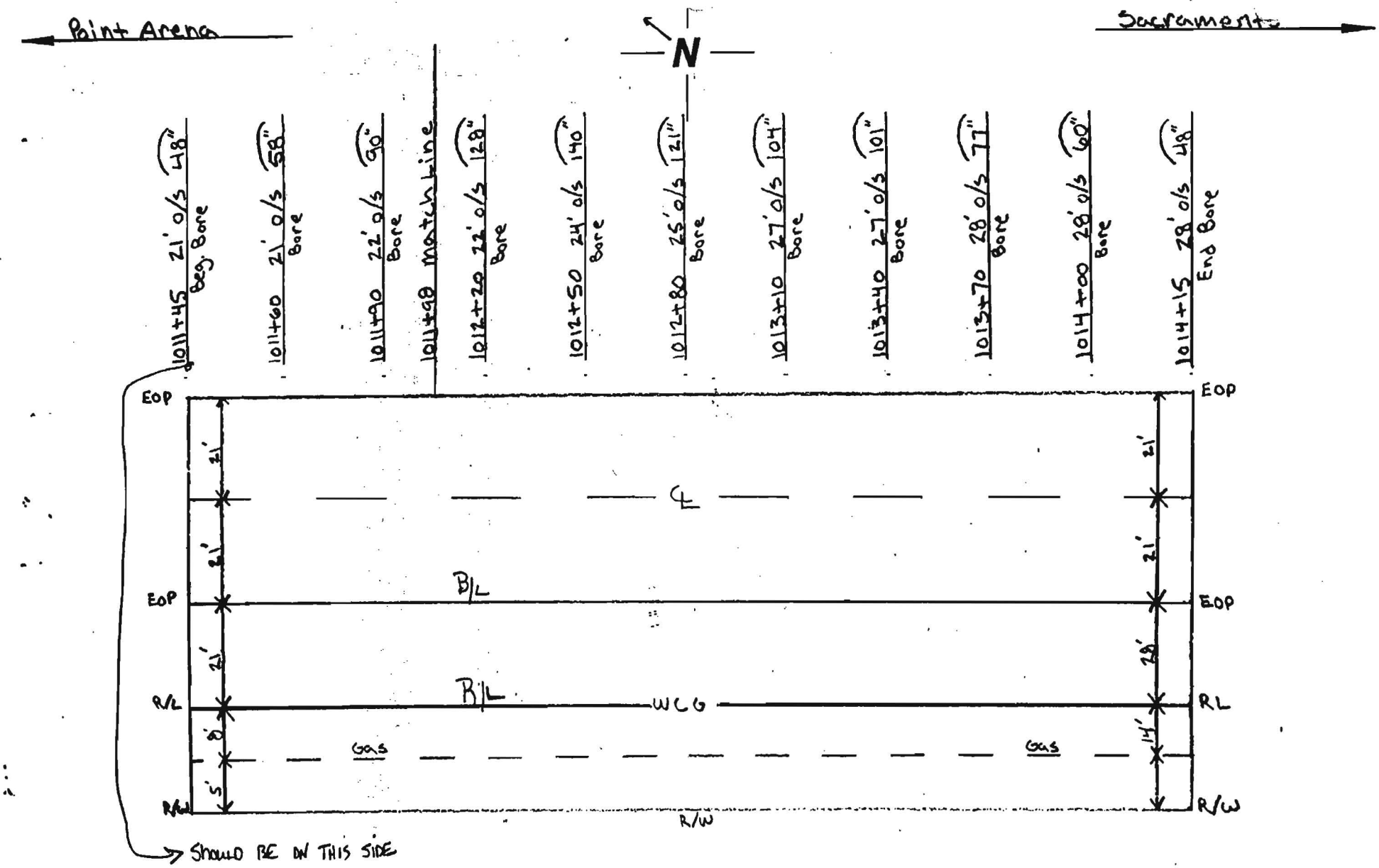
PETALUMA HILL ROAD — Centerline of pavement

1013+00 — 1014+00 — 1015+00 — 1016+00 — 1017+00 — 1018+00 — 1019+00 — 1020+00 — 1021+00 — 1022+00 — 1023+00 — 1024+00

BEG TRENCH — END TRENCH — ASPHALT DRIVE — D-SANTA ROSA-M — WILLIAMS FIBER ROUTE — BEG TRENCH — BEGIN BORE — END TRENCH — D-SANTA ROSA-N — D-SANTA ROSA-M — BEG TRENCH — ASPHALT DRIVE — END TRENCH — SHT. 202–SPRD 4 — MATCH LINE

| | | |

Williams CONSTRUCTION AS-BUILT DOCUMENTATION | -6-00 | 4875 | Sacr-200,601-4 | uth 4D



NOTES:	COUNTY:	CONTRACTOR:
2 - 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 - 1¼ HDPE Black	DUCT CONFIGURATION:	INSPECTOR:
PAGE 1 OF 2		Jeb Sincraugh

Williams

Williams Construction As-Built Documentation

Spread Location:
Spread No. South 48
AFE No. 4875
Contract No. 99P154.16

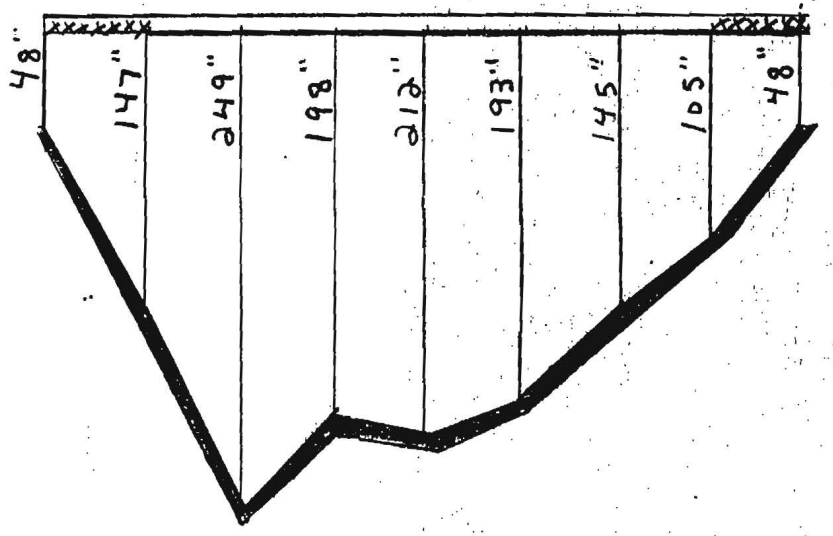
Page No. 2 of
Drawing #: SACR 201

From: POINT ARENA

To: SACRAMENTO

N

1014+20	47'o/s	Begin Bore
1014+80	48'o/s	Bore
1015+40	48'o/s	Bore
1016+00	50'o/s	Bore
1016+60	53'o/s	Bore
1017+20	54'o/s	Bore
1017+80	57'o/s	Bore
1018+40	55'o/s	Bore
1018+85	56'o/s	End Bore



Notes:
2 1½ HDPE Orange, Blue
1 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: JR SMHS

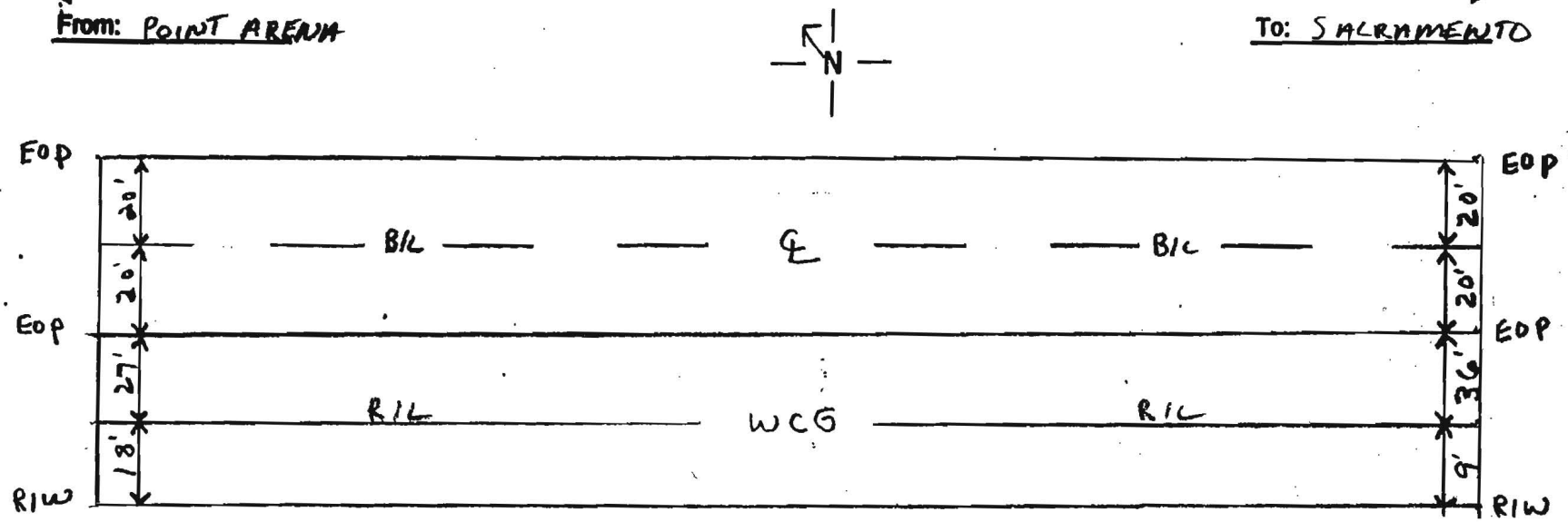
Williams Construc[illegible] As-Built Documentation

Spread Location: _____
Spread No. 4B
AFE No. 4875
Contract No. 99P154 16

Date: [illegible]
Page No. 1 [illegible]
Drawing #: SACR 201

From: POINT ARENA

To: SACRAMENTO



1014+20 47'0"S 48" Begin Bore

1014+80 48'0"S 147" Bore

1015+40 48'0"S 349" Bore

1016+00 50'0"S 198" Bore

1016+60 53'0"S 212" Bore

1017+20 54'0"S 193" Bore

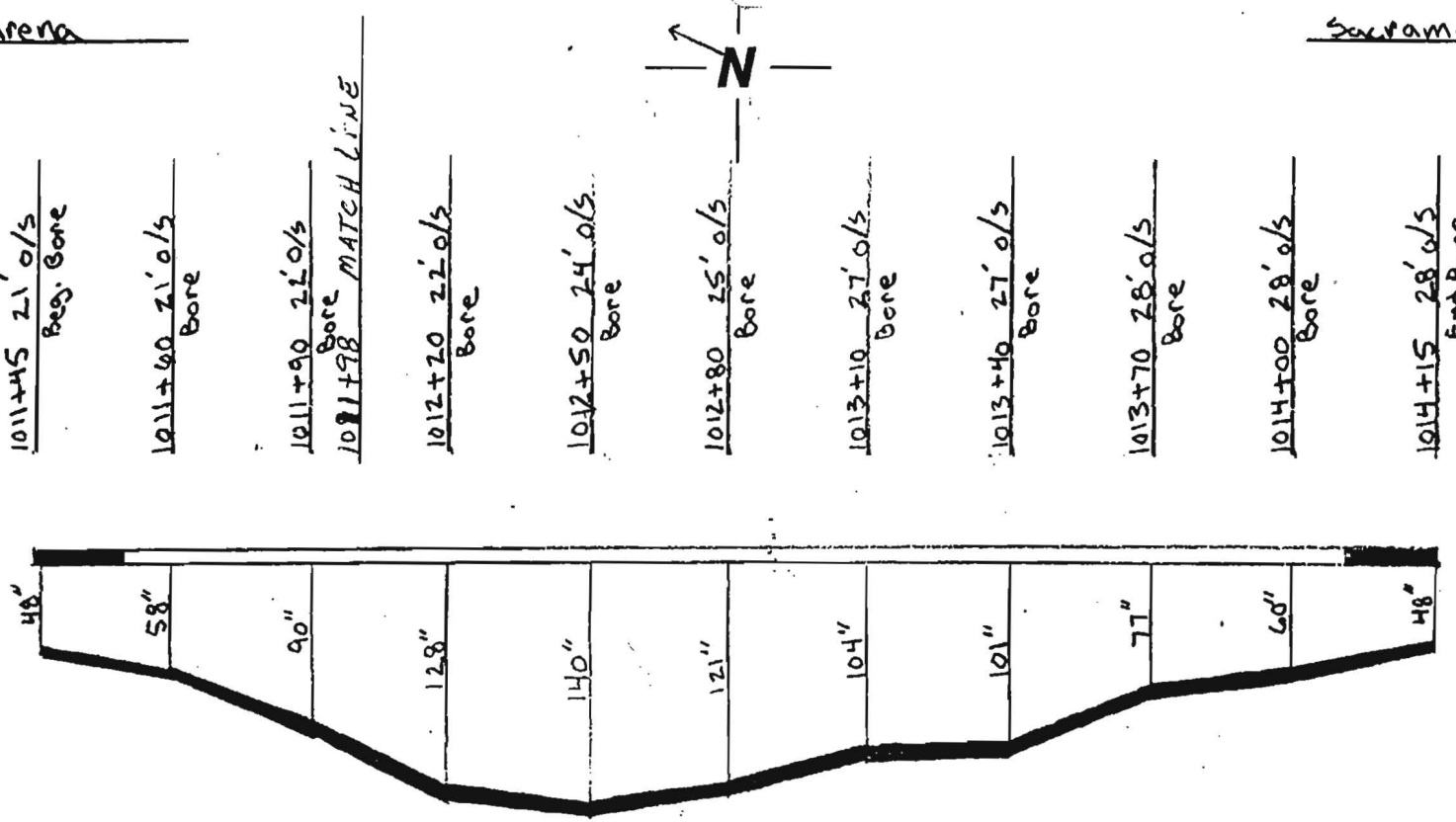
1017+80 57'0"S 145" Bore

1018+40 55'0"S 105" Bore

1018+85 56'0"S 48" END Bore

Notes:	County: Sonoma	Contractor: Tidwell
2 1½ HDPE Orange, Blue	Duct Configuration:	Inspector: JR SMITH
1 1½ HDPE Black		

Point Arena ← N → Sacramento



NOTES: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	COUNTY: Sonoma	CONTRACTOR: Tidwell
	DUCT CONFIGURATION:	INSPECTOR: Jeb Sincraugh

Williams Construc[illegible] As-Built Documentation

Spread Location:

Spread No. 4B

AFE No. 4875

Contract No. 99P154-16

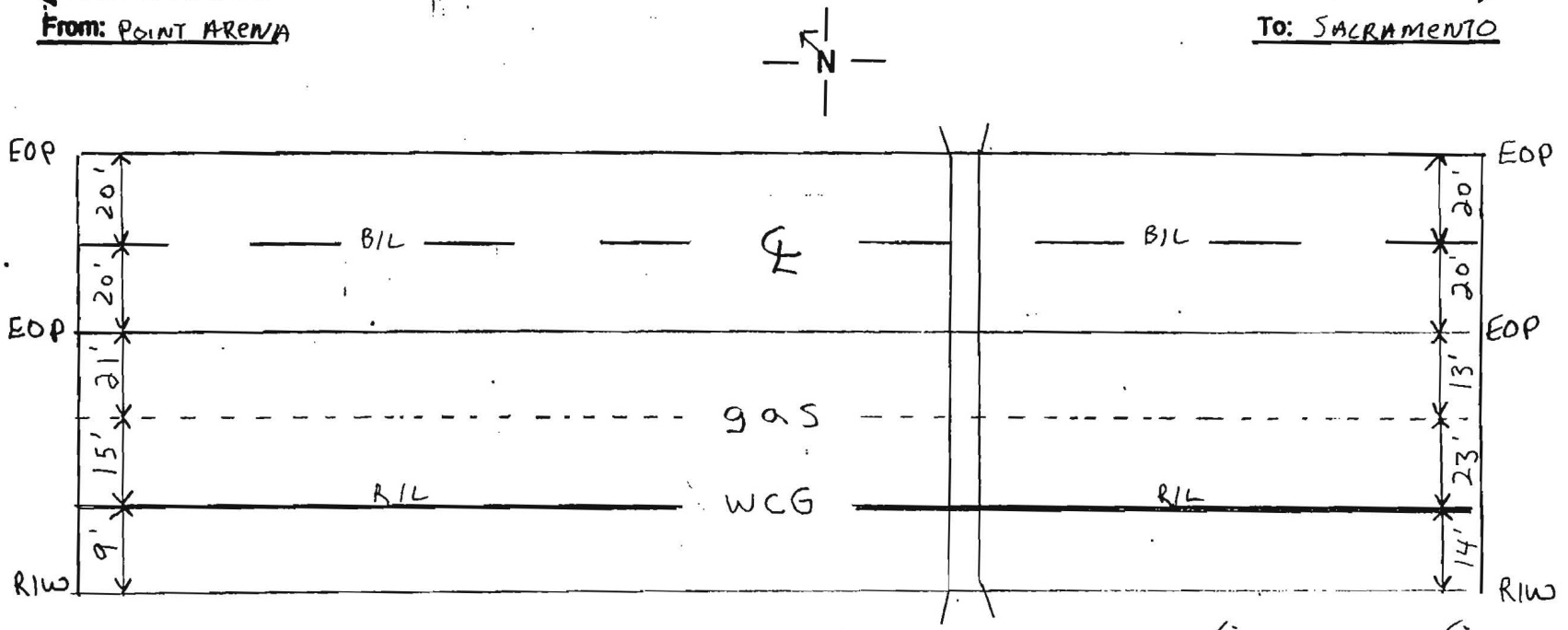
Date: 2-14

Page No. 1

Drawing #: SALR 201-4

From: POINT ARENA

To: SACRAMENTO



1018+90 56'o/s 48" Begin Bore

1019+50 56'o/s 95" Bore

1020+10 56'o/s 143" Bore

1020+70 56'o/s 119" Bore

1021+30 56'o/s 135" Bore

1021+81 36" Culvert

1021+90 56'o/s 140" Bore

1022+50 56'o/s 110" Bore

1022+80 56'o/s 48" End Bore

Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams Construc[illegible] As-Built Documentation

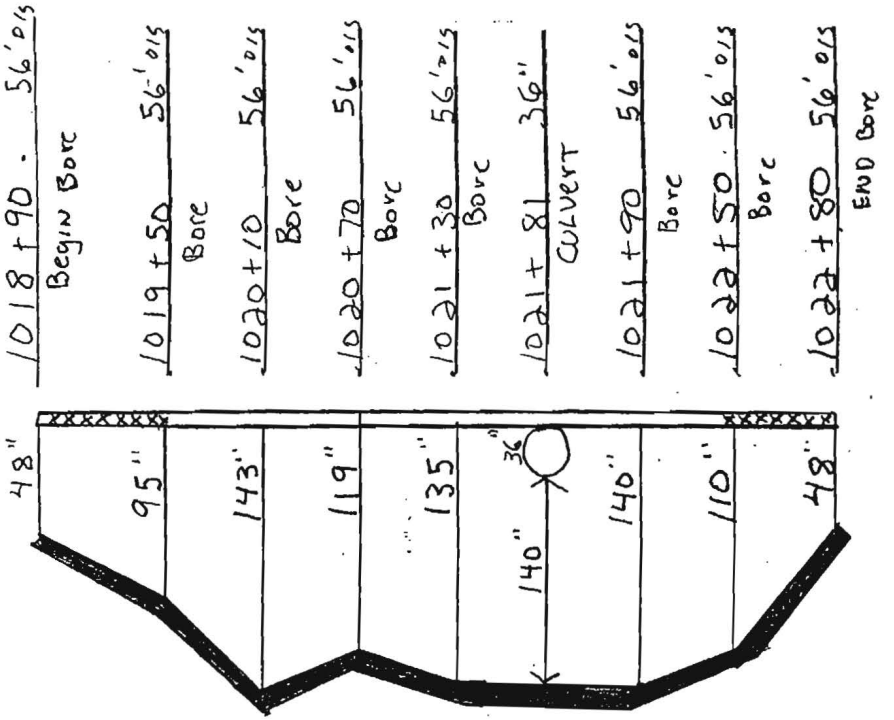
Spread Location: [illegible]ntaRosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 2-14-[illegible]
Page No. 2[illegible]
Drawing #: SACR 201-4

From: Point Arena

N

To: Sacramento



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black		County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: JR Smith

Williams

Williams Construct[illegible] As-Built Documentation

Spread Location: [illegible]ta Rosa

Spread No. South 4B

AFE No. 4875

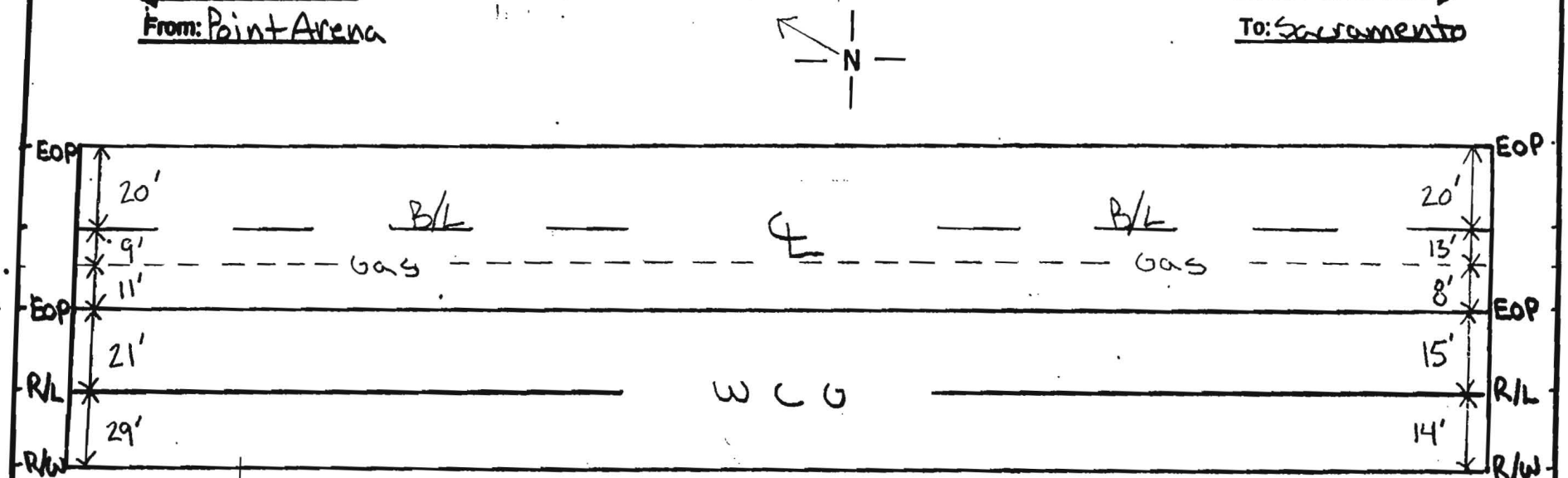
Contract No. 99P154.16

Page No. [illegible]

Drawing #: SoCS-201, 202

From: Point Arena

To: Sacramento



1023+00 41'o/s 48" Beg Bore

1024+00 Matchline

1024+20 40'o/s 74" Bore

1024+80 38'o/s 121" Bore

1025+40 39'o/s 209" Bore

1026+00 38'o/s 218" Bore

1026+60 38'o/s 193" Bore

1027+20 37'o/s 112" Bore

1027+80 37'o/s 76" Bore

1028+20 36'o/s 48" End Bore

Notes: 2-1½ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

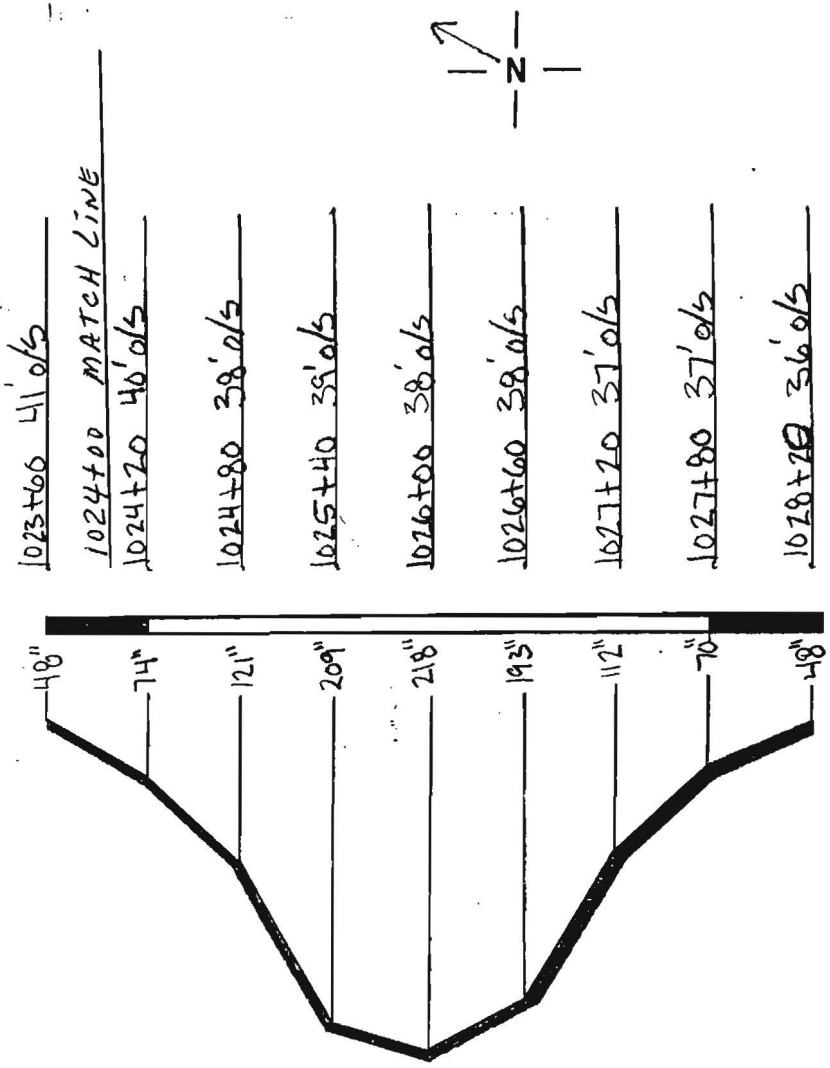
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. 4875
AFE No. 4875
Contract No. 99P154.16

Date: 1-01
Page No. 2 2
Drawing #: Sacr-201-202

From: Point Arena

To: Sacramento



Notes: 2-1½ HDPE Orange, Blue
1-¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sinclair

FIBER STATIONING

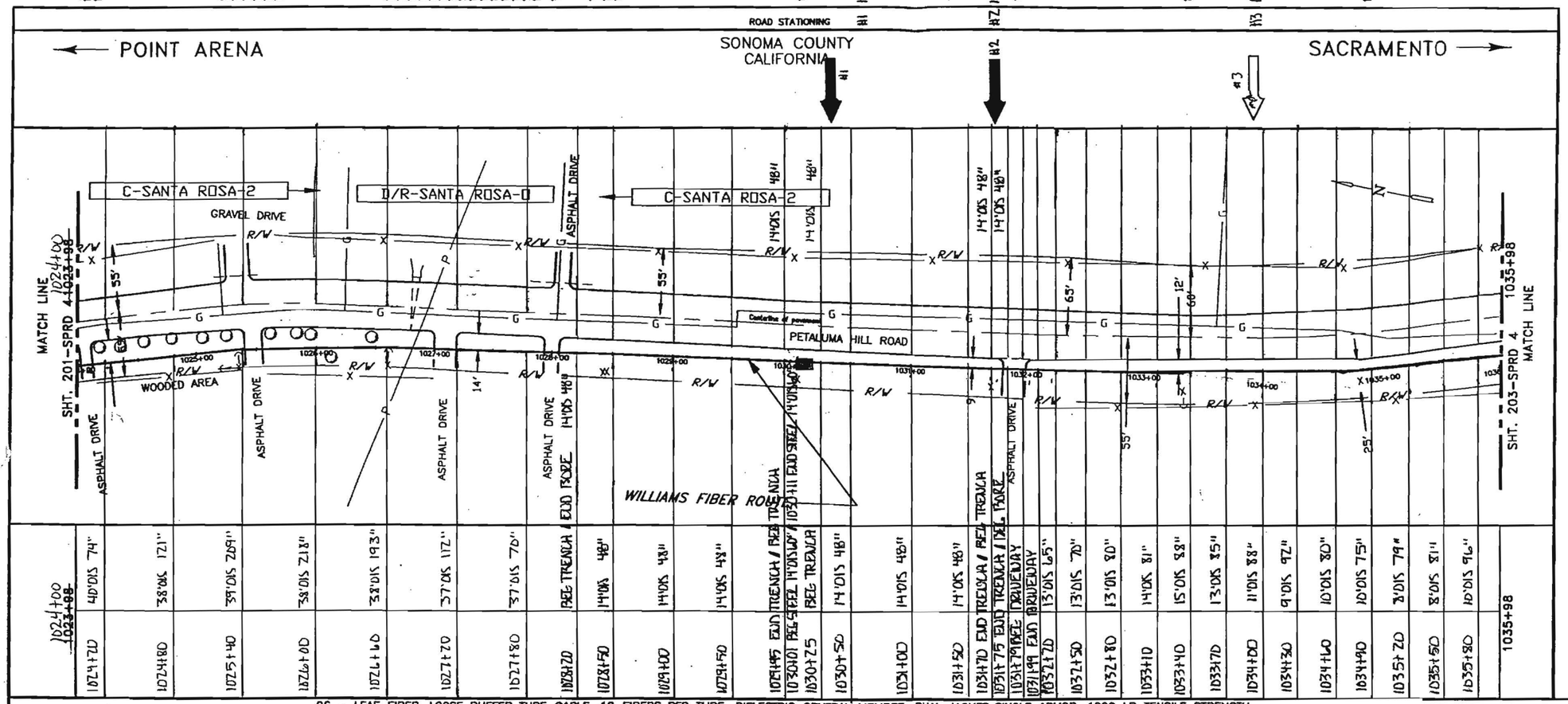
1024+06 DRIVEWAY
1024+14 15' RT. FENCE CORNER
1025+20 62' LT. CULVERT
1025+23 92' LT. FENCE CORNER
1025+35 14' RT. UTIL POLE
1025+47 DRIVEWAY
1025+51 61' LT. CULVERT
1025+66 94' LT. FENCE CORNER
1028+58 24' RT. FENCE CORNER
1026+60 14' RT. UTIL POLE
1026+67 14' LT. HEADWALL
1026+75 74' LT. HEADWALL
1026+77 58' LT. HEADWALL
1026+78 14' LT. BOX CULVERT
1026+78 59' LT. HEADWALL
1026+78 65' LT. BOX CULVERT
1026+84 85' LT. HEADWALL
1026+84 58' LT. HEADWALL
1026+86 68' LT. HEADWALL
1026+88 14' LT. HEADWALL
1027+09 DRIVEWAY
1027+80 58' LT. CULVERT
1027+99 DRIVEWAY
1028+30 57' LT. CULVERT
1028+42 15' RT. TELE POLE
1028+46 14' RT. UTIL POLE
1030+06 14' RT. UTIL POLE
1030+35 SPLICE #1
1031+72 SPLICE #2
1031+89 DRIVEWAY
1033+33 14' RT. UTIL POLE
1033+47 SPLICE #3
1034+83 7' LT. UTIL POLE

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



1024+00 / 1023+98	1025+00	1026+00	1027+00	1028+00	1029+00	1030+00	1031+00	1032+00	1033+00	1034+00	1035+00	1035+98
	40°01'S 74"	38°08' 121"	39°01'S 209"	38°01'S 218"	38°01'S 193"	37°01'S 172"	37°01'S 70"	BEG TRENCH & EOD 14"OD STEEL	14°01'S 48"	14°01'S 48"	14°01'S 48"	14°01'S 48"	14°01'S 48"	14°01'S 48"	13°01'S 65"	13°01'S 70"	13°01'S 90"	14°01'S 81"	15°01'S 93"	13°01'S 95"	11°01'S 88"	9°01'S 92"	10°01'S 80"	10°01'S 75"	8°01'S 79"	8°01'S 81"	10°01'S 96"	
1024+00	1024+80	1025+40	1026+00	1026+80	1027+40	1028+20	1028+80	1029+00	1029+40	1029+95	1030+01	1030+25	1030+50	1031+00	1031+50	1031+70	1031+75	1031+79	1031+99	1032+20	1032+80	1033+10	1033+40	1033+70	1034+00	1034+30	1034+60	1034+90	1035+20	1035+60	1035+80	1035+98
								BEG TRENCH & EOD 14"OD STEEL			BEG STEEL & EOD TRENCH	BEG TRENCH					EOD TRENCH & BEG TRENCH	EOD TRENCH & BEG PAVE	PAVE	EOD PAVE & BEG DRIVEWAY	DRIVEWAY										

96 - LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)
1-1.25" HDPE BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

1024+00		1028+20	1029+95	1030+01	1030+11	1030+25	1031+70	1031+75	
1028+20		1029+95	1030+11	1030+25	1031+70	1031+75	1035+98		
420'		175'	16'	10'	14'	145'	5'	423'	
1.11 2-1.5" HDPE 1-1.25" HDPE JETS SNICRAUGH 1_25_01 TIDWELL		1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11_6_00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11_7_00 TIDWELL	1.11 & 1.41 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11_7_00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11_7_00 TIDWELL 6GA. TRACER WIRE JETS SNICRAUGH 6-15-01 IN BLACK 1.25" HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11_6_00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11_11_00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JETS SNICRAUGH 11_7_00 TIDWELL	

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-202-SPRD 4

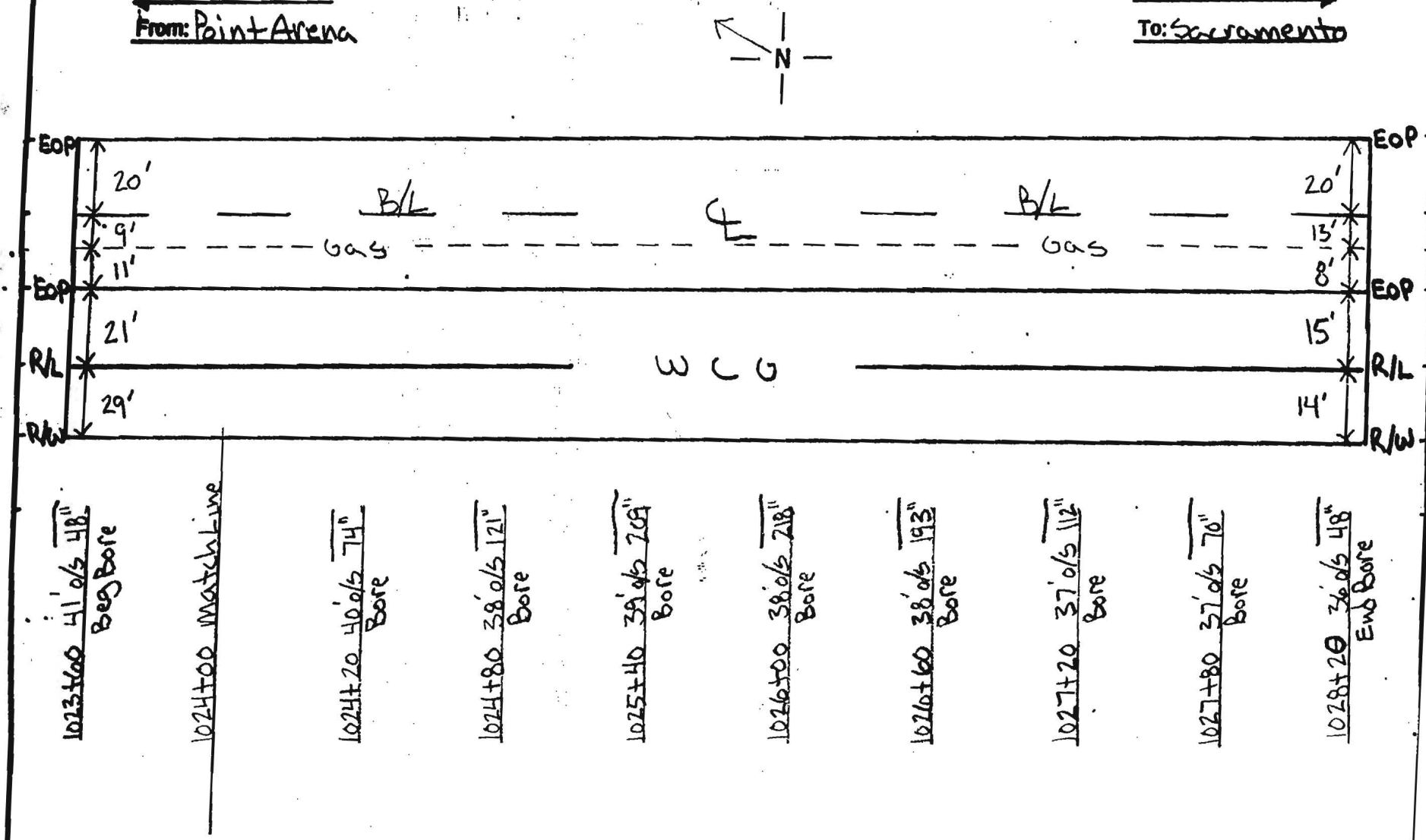
Williams

Williams Constructi[illegible] As-Built Documentati[illegible]

Spread Location: [illegible]ta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Page No. 1 of [illegible]
Drawing #: Sacr-201, 202

From: Point Arena
To: Sacramento



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

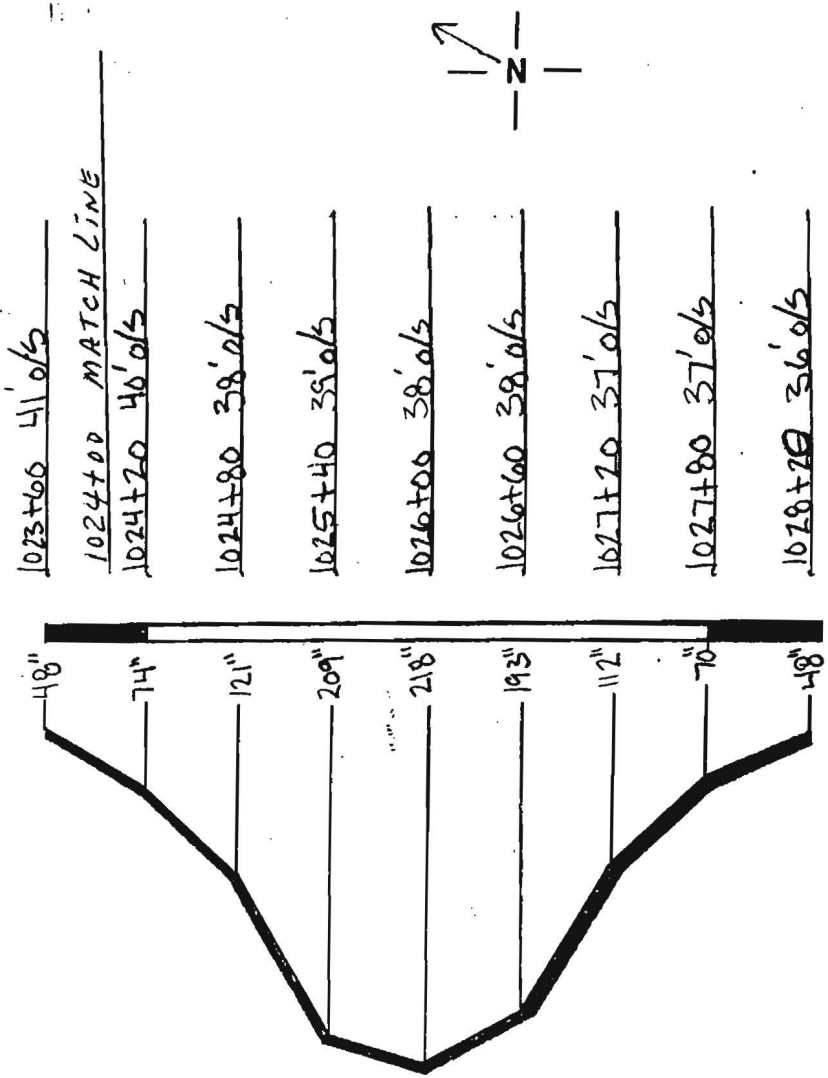
Williams Constr[illegible]n As-Built Documentation

Spread Location: Santa Rosa
Spread No. 4875
AFE No. 4875
Contract No. 99P154.16

Date: 1-[illegible]-01
Page No. [illegible] 2
Drawing #: Socf-201-202

From: Point Arena

To: Sacramento



Notes: 2-1¼ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: [illegible]

Williams Constructi...s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 11-6-..

Page No. 1 of 1

Drawing #: SACR-202-SPRD 4

From: POINT ARENA

To: SACRAMENTO

N

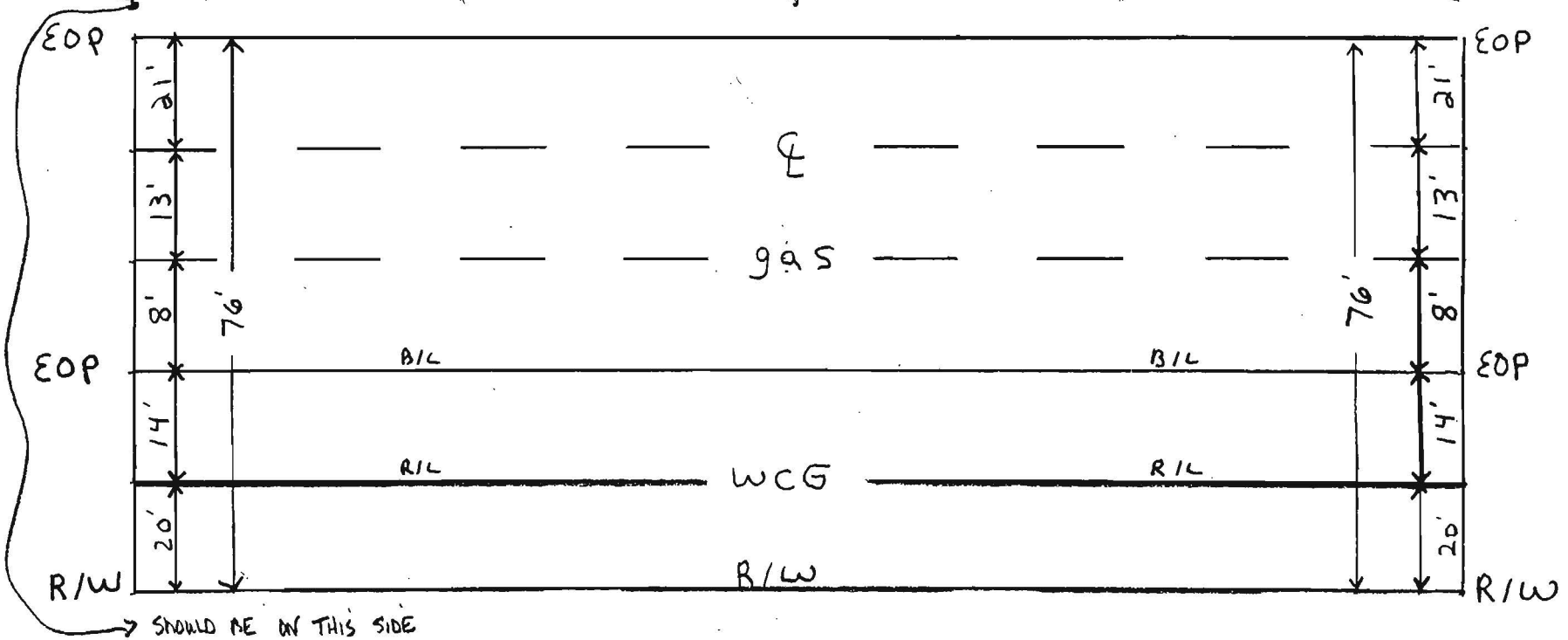
1028+20 14'o/s 48" Begin Trench

1028+50 14'o/s 48" Trench

1029+00 14'o/s 48" Trench

1029+50 14'o/s 48" Trench

1029+95 14'o/s 48" End Trench



Notes:				County:	Contractor:
2	1½	HDPE	orange, Blue	Sonoma	Tidwell
1	1¼	HDPE	Black	Duct Configuration:	Inspector: JR Smits

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154-16

Date: 11-7

Page No. 1 of 1

Drawing #: SACR-202-SPR04

From: POINT ARENA

To: SACRAMENTO

N

1029+95 14'0/S 48" Begin Trench

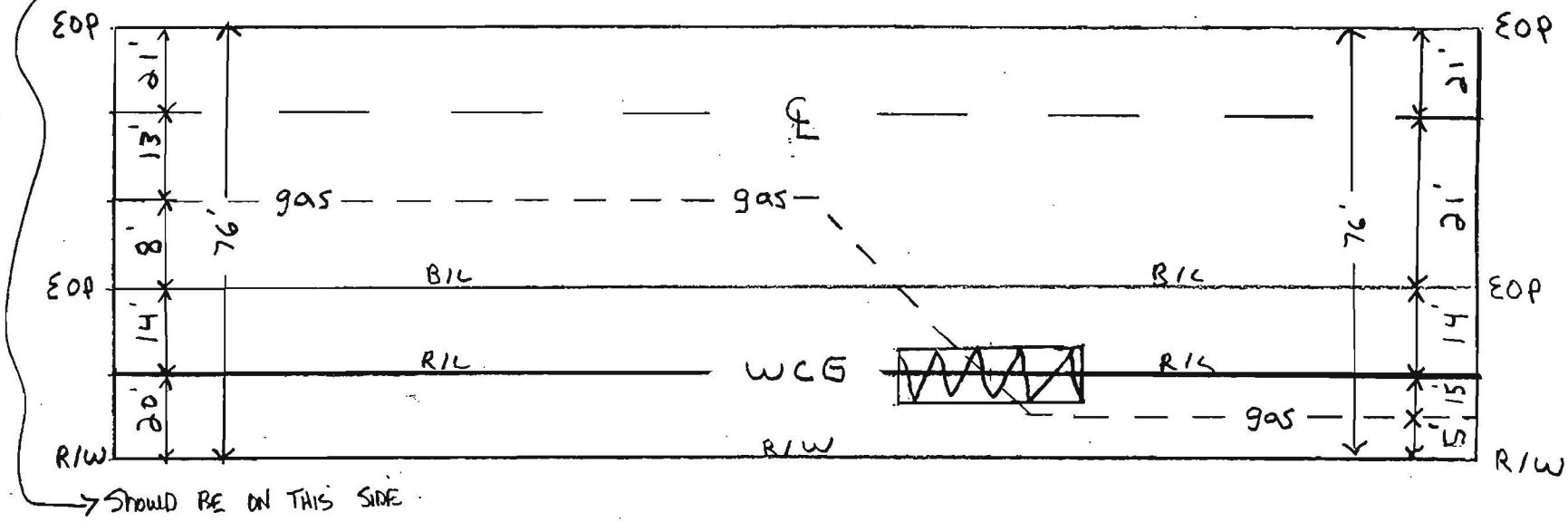
1030+00 14'0/S 48" Trench

1030+01 14'0/S 60" Begin Steel 5"

1030+06 3" Crossed gas

1030+11 14'0/S 60" End Steel 5"

1030+25 14'0/S 48" End Trench



Notes:	County:	Contractor:
2 1½ HDPE orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 11-6-

Page No. 1 of 1

Drawing #: SACR 202-SPRD4

From: POINT ARENA

To: SACRAMENTO

N

1030+25 14'ois 48" Begin Trench

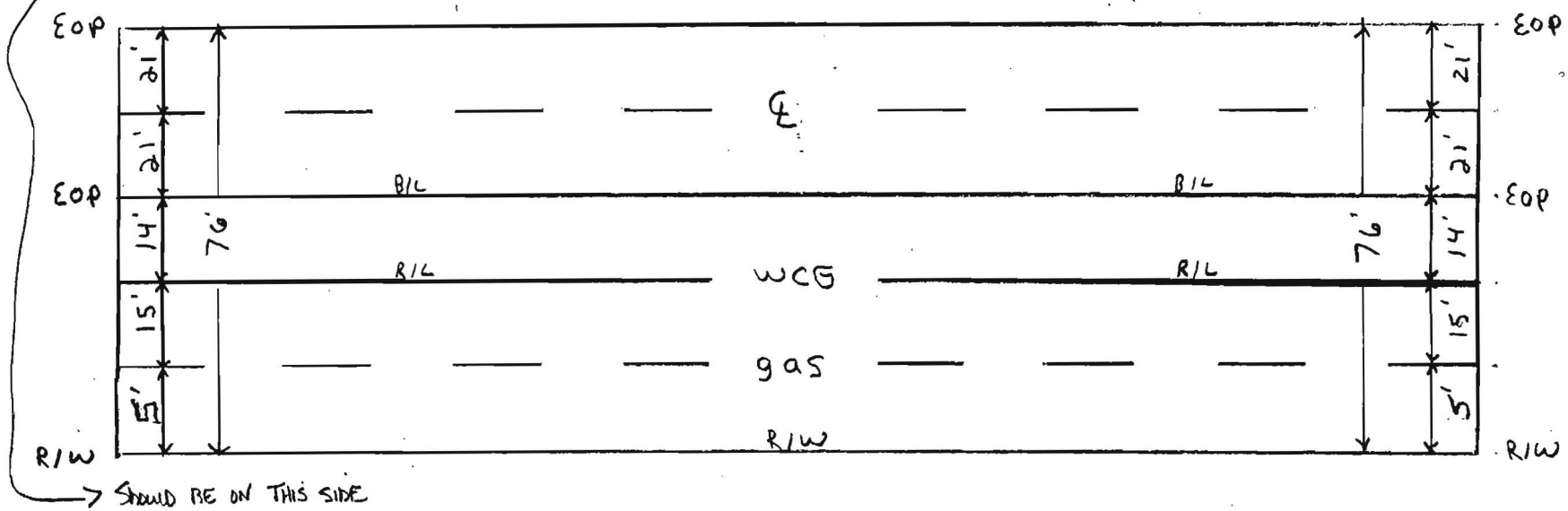
1030+33 14'ois 48" All Duct Splice

1030+50 14'ois 48" Trench

1031+00 14'ois 48" Trench

1031+50 14'ois 48" Trench

1031+70 14'ois 48" End Trench

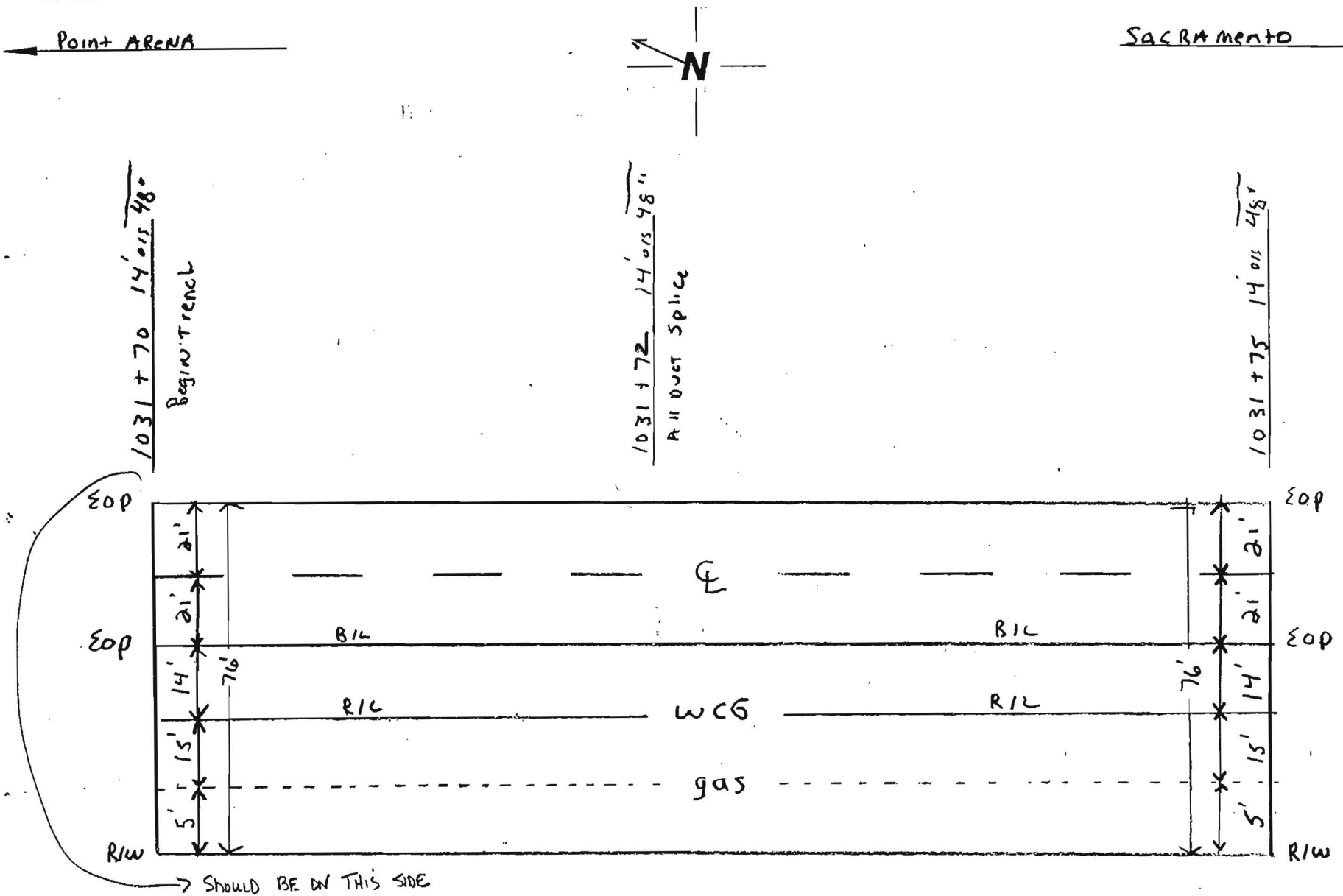


→ SHOULD BE ON THIS SIDE

Notes:	County:	Contractor:
2 1½ HDPE orange, RIVE 1 1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: JR Smith

Williams CONSTRUCTION AS-BUILT DOCUMENTATI

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
11-11-00	4875	SACR	4B

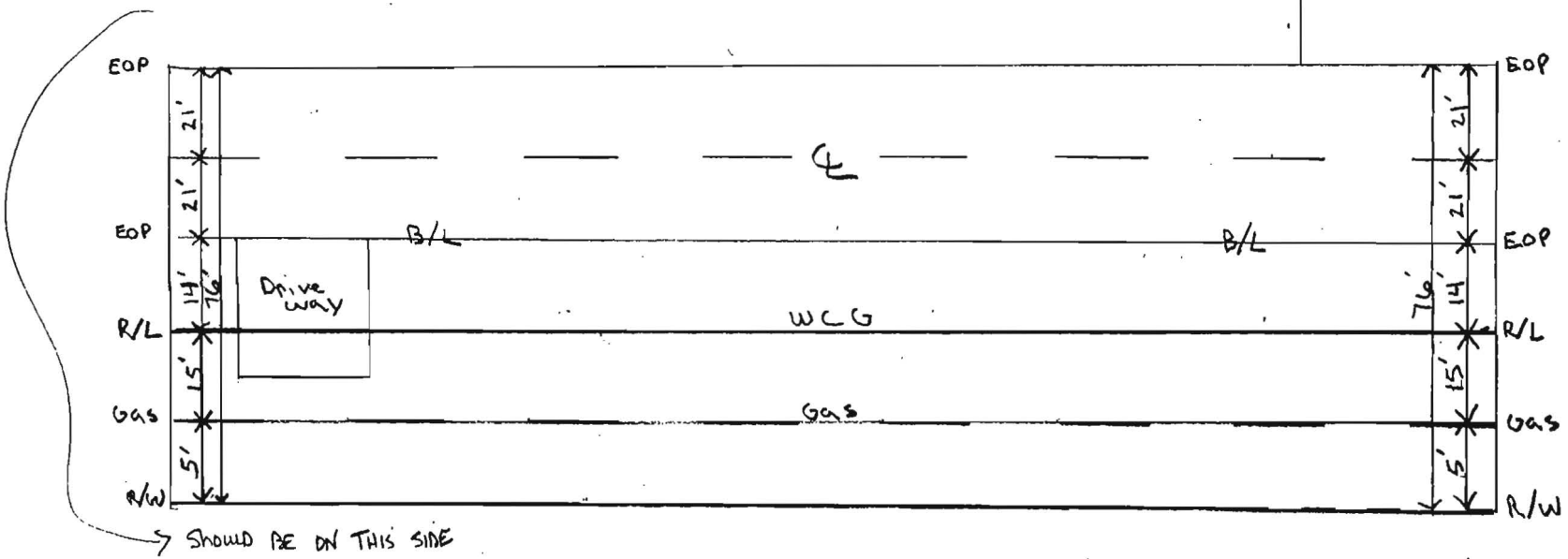


NOTES:	COUNTY:	CONTRACTOR:
2 1½ HDPE orange, Blue 1 1¼ HDPE Black	Sonoma	Tidwell
PAGE OF	DUCT CONFIGURATION:	INSPECTOR: JR Smits

Williams CONSTRUCTION AS-BUILT DOCUMENTATIO | 11-7-00 | 4875 | Segs - 202, 203 - 4 | th 4B

Point Arena ← N → Sacramento

1031+75 14'o/s 48" Beg. Bore
1031+79 Beg. Driveway
1031+90 14'o/s 62" Bore
1031+99 End Driveway
1032+20 13'o/s 65" Bore
1032+50 13'o/s 70" Bore
1032+80 13'o/s 80" Bore
1033+10 14'o/s 81" Bore
1033+40 15'o/s 88" Bore
1033+70 13'o/s 85" Bore
1034+00 11'o/s 88" Bore
1034+30 9'o/s 92" Bore
1034+60 10'o/s 80" Bore
1034+90 10'o/s 75" Bore
1035+20 8'o/s 79" Bore
1035+50 8'o/s 81" Bore
1035+80 10'o/s 96" Bore
1035+98 Matchline
1036+10 12'o/s 99" Bore
1036+40 13'o/s 61" Bore
1036+55 14'o/s 48" End Bore



NOTES: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

COUNTY: Sonoma

CONTRACTOR: Tidwell

DUCT CONFIGURATION:

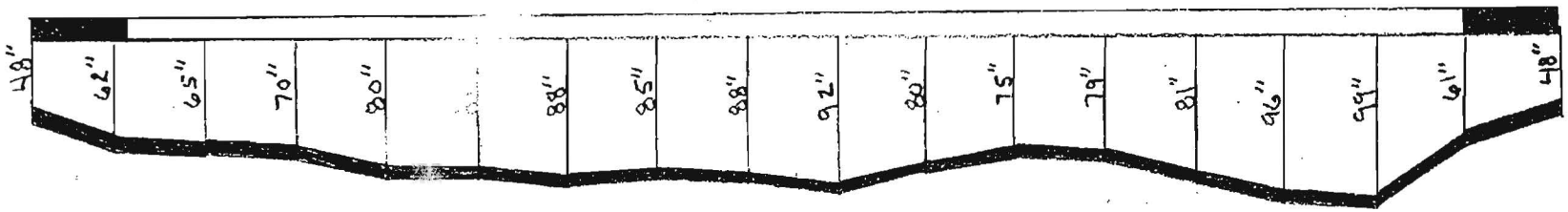
INSPECTOR: Jeb Sincraugh

PAGE 1 OF 2

Williams CONSTRUCTION AS-BUILT DOCUMENTATIO | 11-7-00 | 4875 | Segs 202, 203-4 | Pth 48

Point Arena ← N → Sacramento

1031+75 14'o/s Beg Bore
1031+90 14'o/s Bore
1032+20 13'o/s Bore
1032+60 13'o/s Bore
1032+80 13'o/s Bore
1033+10 14'o/s Bore
1033+40 15'o/s Bore
1033+70 13'o/s Bore
1034+00 11'o/s Bore
1034+30 9'o/s Bore
1034+60 10'o/s Bore
1034+90 10'o/s Bore
1035+20 8'o/s Bore
1035+50 8'o/s Bore
1035+80 10'o/s Bore
1035+98 Bore MATCH LINE
1036+10 12'o/s Bore
1036+40 13'o/s Bore
1036+55 14'o/s End Bore



NOTES: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

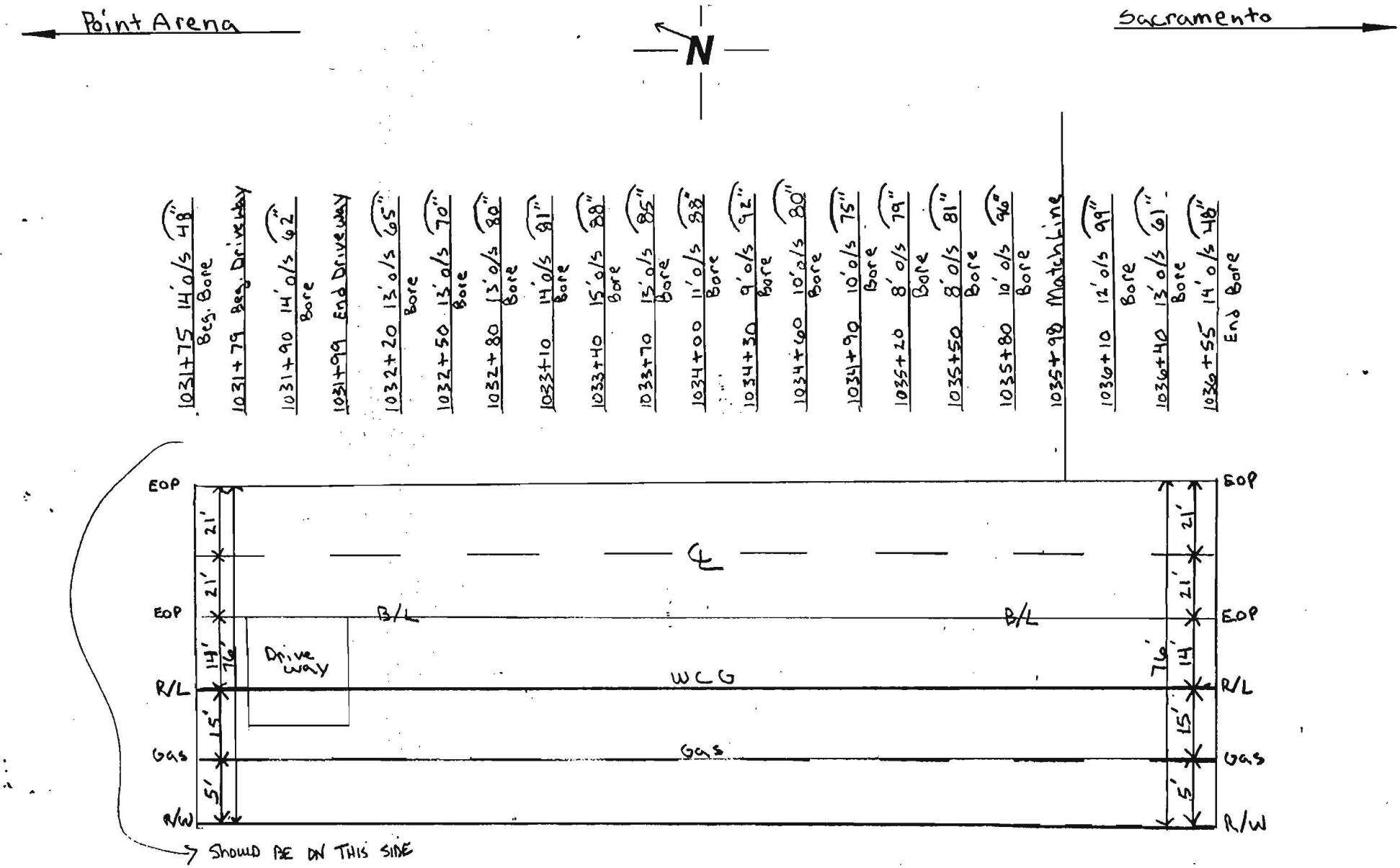
COUNTY: Sonoma

CONTRACTOR: Tidwell

DUCT CONFIGURATION:

INSPECTOR: Jeb Sincraugh

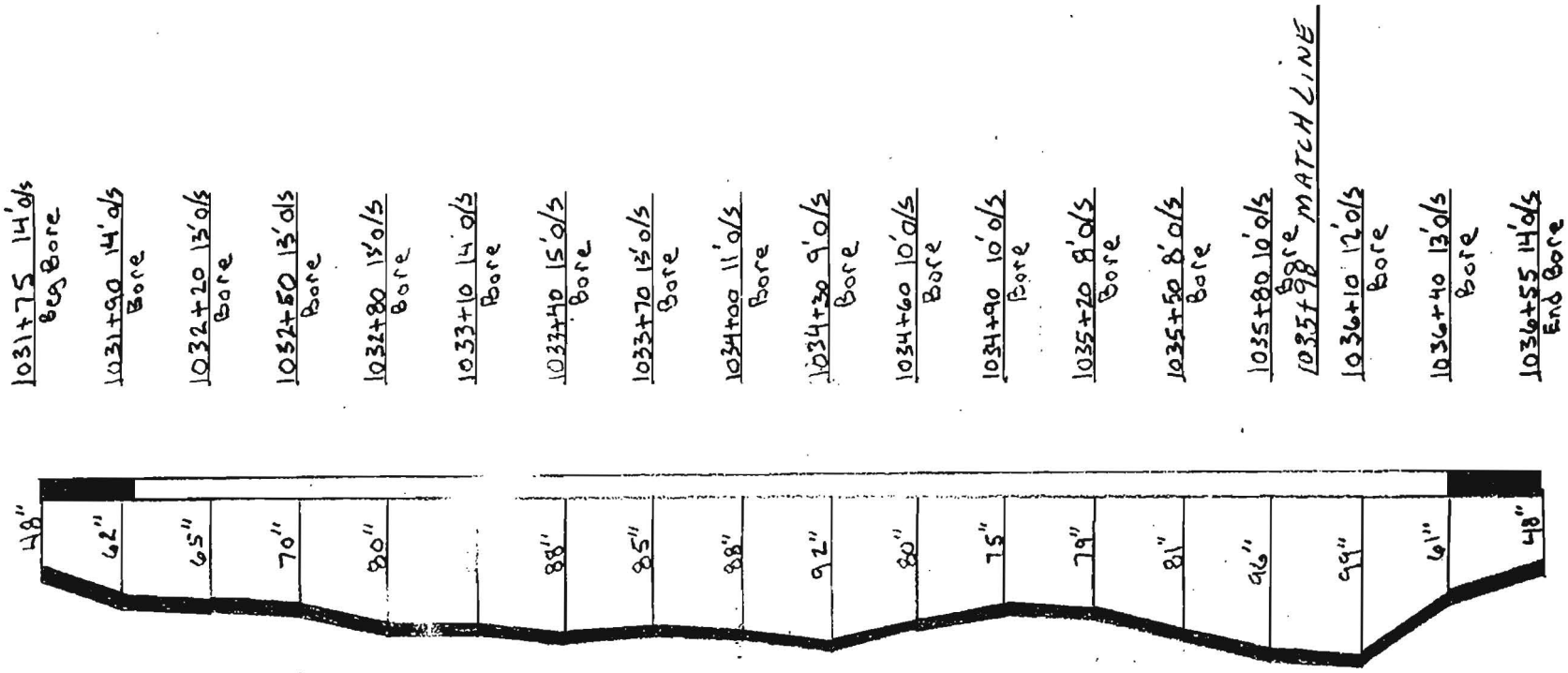
Williams CONSTRUCTION AS-BUILT DOCUMENTATIO[illegible] 4-7-00 | 4875 | Sacr-202, 203-4 [illegible]th 4B



NOTES:	COUNTY:	CONTRACTOR:
2 - 1 1/2 HDPE Orange, Blue	Sonoma	Tidwell
1 - 1 1/4 HDPE Black	DUCT CONFIGURATION:	INSPECTOR:
PAGE 1 OF 2		Jeb Sincraugh

Williams CONSTRUCTION AS-BUILT DOCUMENTATION | 11-7-00 | 4875 | Segs 202, 203-4 | 4th 4B

Point Arena ← N → Sacramento



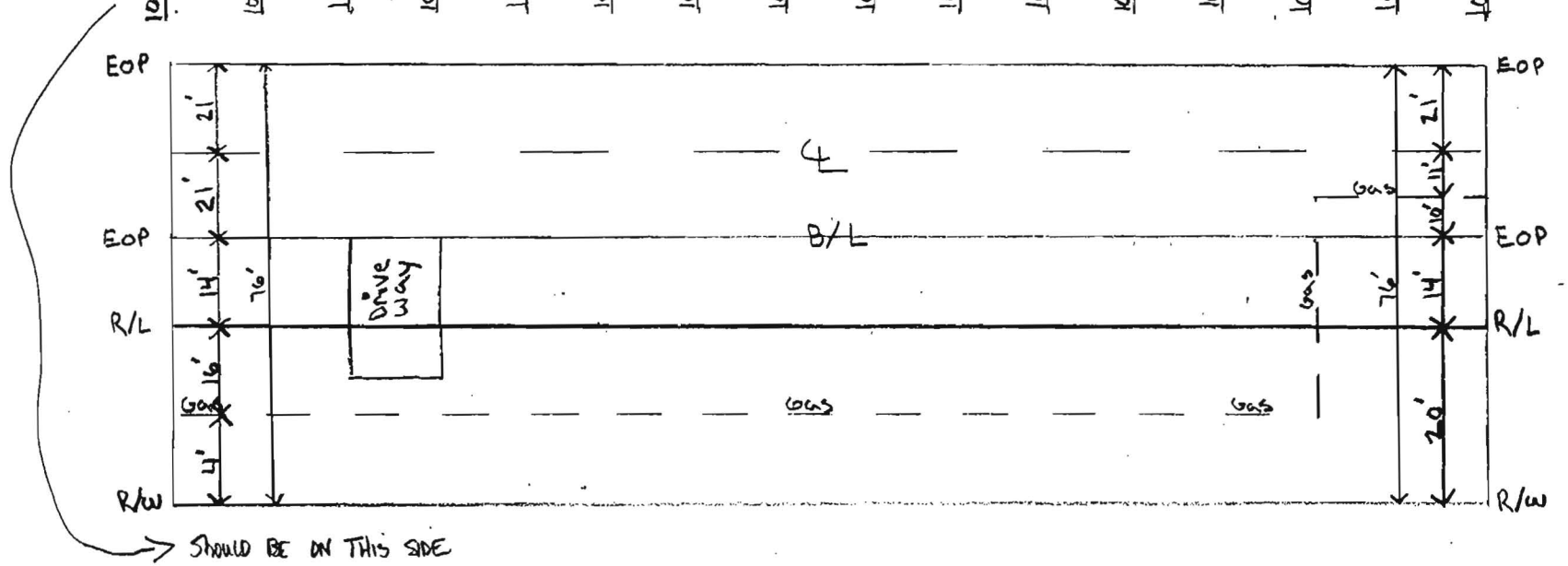
NOTES: 2 - 1½ HDPE orange, blue 1 - 1¼ HDPE Black	COUNTY: Sonoma	CONTRACTOR: Tidwell
	DUCT CONFIGURATION:	INSPECTOR: Deb Sincraugh
PAGE 2 OF 2		

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET #:	SPREAD #:
11-8-00	4875	Sheet 203-4	South 4B

Point Arena ← N → Sacramento

1036+70 14'o/s 48" Beg. Bore
1037+00 14'o/s 79" Bore
1037+15 Beg. Driveway
1037+25 End Driveway
1037+30 14'o/s 91" Bore
1037+60 14'o/s 94" Bore
1037+90 14'o/s 102" Bore
1038+20 14'o/s 94" Bore
1038+50 14'o/s 86" Bore
1038+80 14'o/s 80" Bore
1039+10 14'o/s 75" Bore
1039+40 14'o/s 75" Bore
1039+70 14'o/s 80" Bore
1039+97 under 48" Cross gas line
1040+00 14'o/s 80" Bore
1040+30 14'o/s 48" End Bore



NOTES:
2-1½ HDPE Orange, Blue
1-1¼ HDPE Black

COUNTY: Sonoma
DUCT CONFIGURATION:

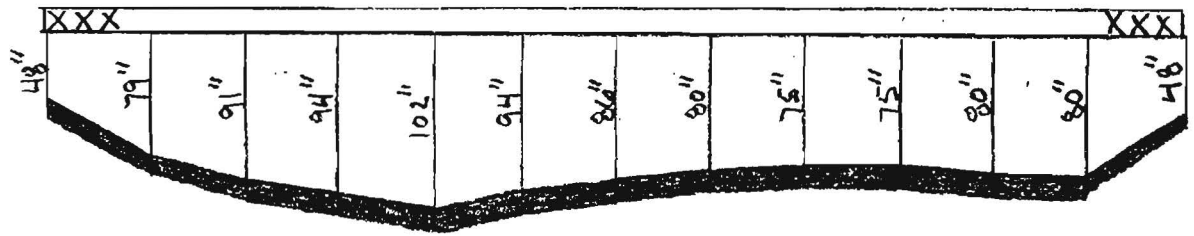
CONTRACTOR: Tidwell
INSPECTOR: Jeb Sincraugh

Williams CONSTRUCTION AS-BUILT DOCUMENTAT

DATE:	PROJECT:	DWG/ALIGNMENT SHEET #	SPREAD #
11-8-00	4875	Sacr 203-4	South 4B

Point Arena ← N → Sacramento

1036+70 14'o/s
1037+00 14'o/s
1037+30 14'o/s
1037+60 14'o/s
1037+90 14'o/s
1038+20 14'o/s
1038+50 14'o/s
1038+80 14'o/s
1039+10 14'o/s
1039+40 14'o/s
1039+70 14'o/s
1040+00 14'o/s
1040+30 14'o/s



NOTES:
2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

COUNTY: Sonoma

DUCT CONFIGURATION:

CONTRACTOR: Tidwell

INSPECTOR: Jeb Sincraugh

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

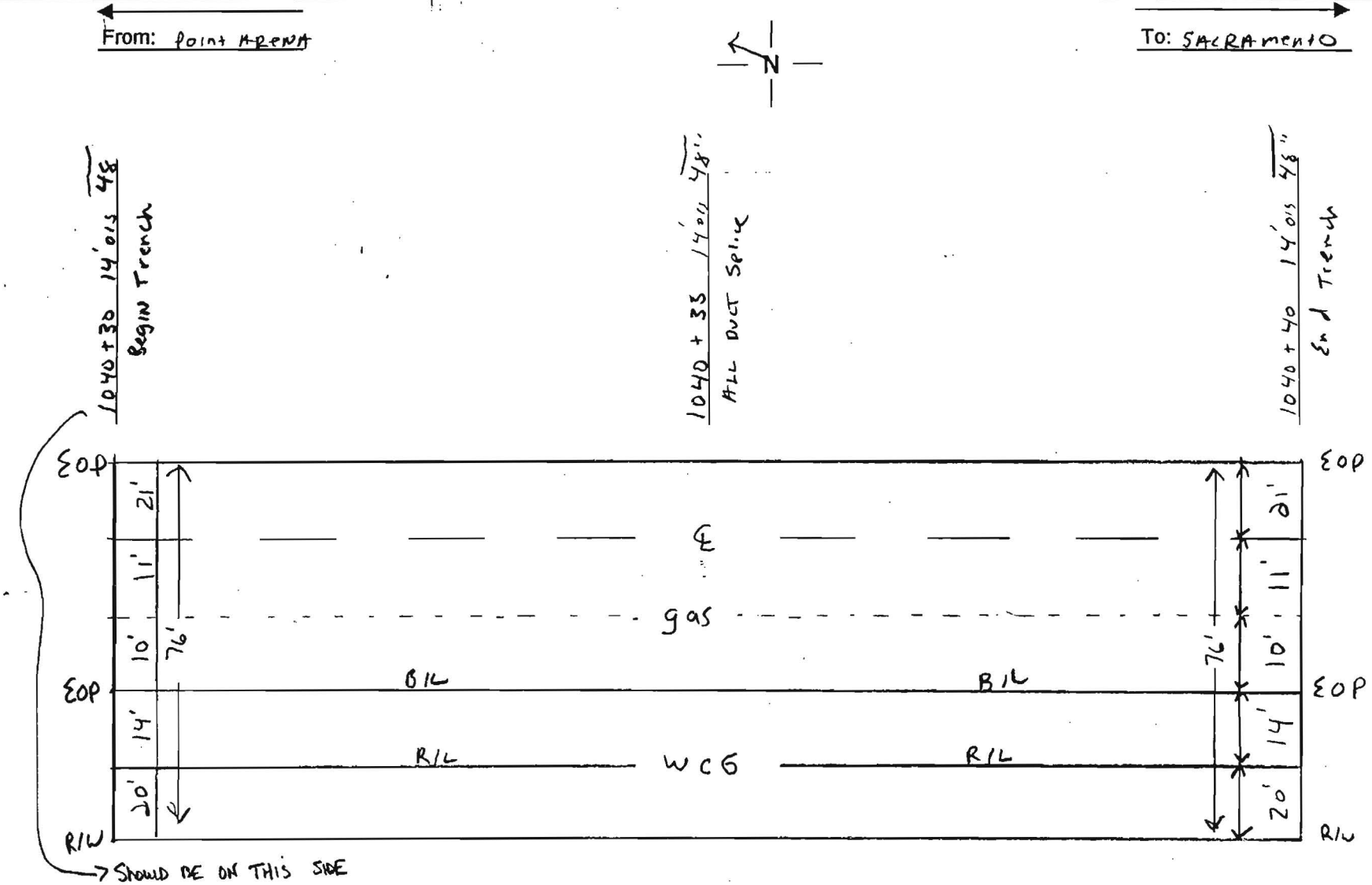
Date: 11-9-

Page No. 1 of 1

Drawing #: SACR-203-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector:
		JR Smith

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 11-9-..

Page No. 1 of 2

Drawing #: SA.R-203-SFRD4

From: Point Arena

To: Sacramento

N

1040+40 Begin Bore 14'ois 48'

1040+51 Beg Driveway

1040+70 Bore 14'ois 80'

1040+71 End Driveway

1041+00 Bore 14'ois 130'

1041+09 Culvert 24"

1041+30 Bore 14'ois 130'

1041+60 Bore 14'ois 206'

1041+90 Bore 14'ois 217'

1042+20 Bore 14'ois 215'

1042+50 Bore 14'ois 230'

1042+73 Beg Driveway

1042+80 Bore 14'ois 220'

1042+88 End Driveway

1043+10 Bore 14'ois 218'

1043+40 Bore 14'ois 208'

1043+70 Bore 15'ois 206'

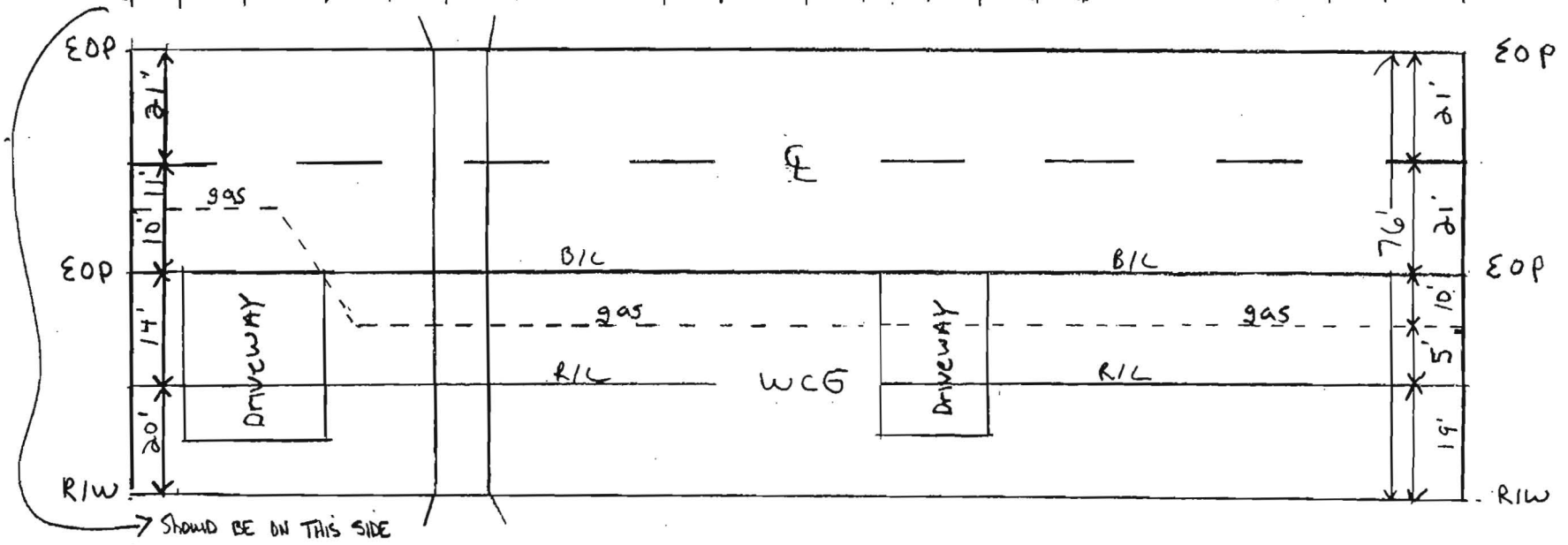
1044+00 Bore 15'ois 190'

1044+30 Bore 15'ois 172'

1044+60 Bore 15'ois 148'

1044+90 Bore 15'ois 124'

1045+10 End Bore 15'ois 48'



Notes:

2 1½ HDPE Orange, Blue

1 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: JR Smith

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

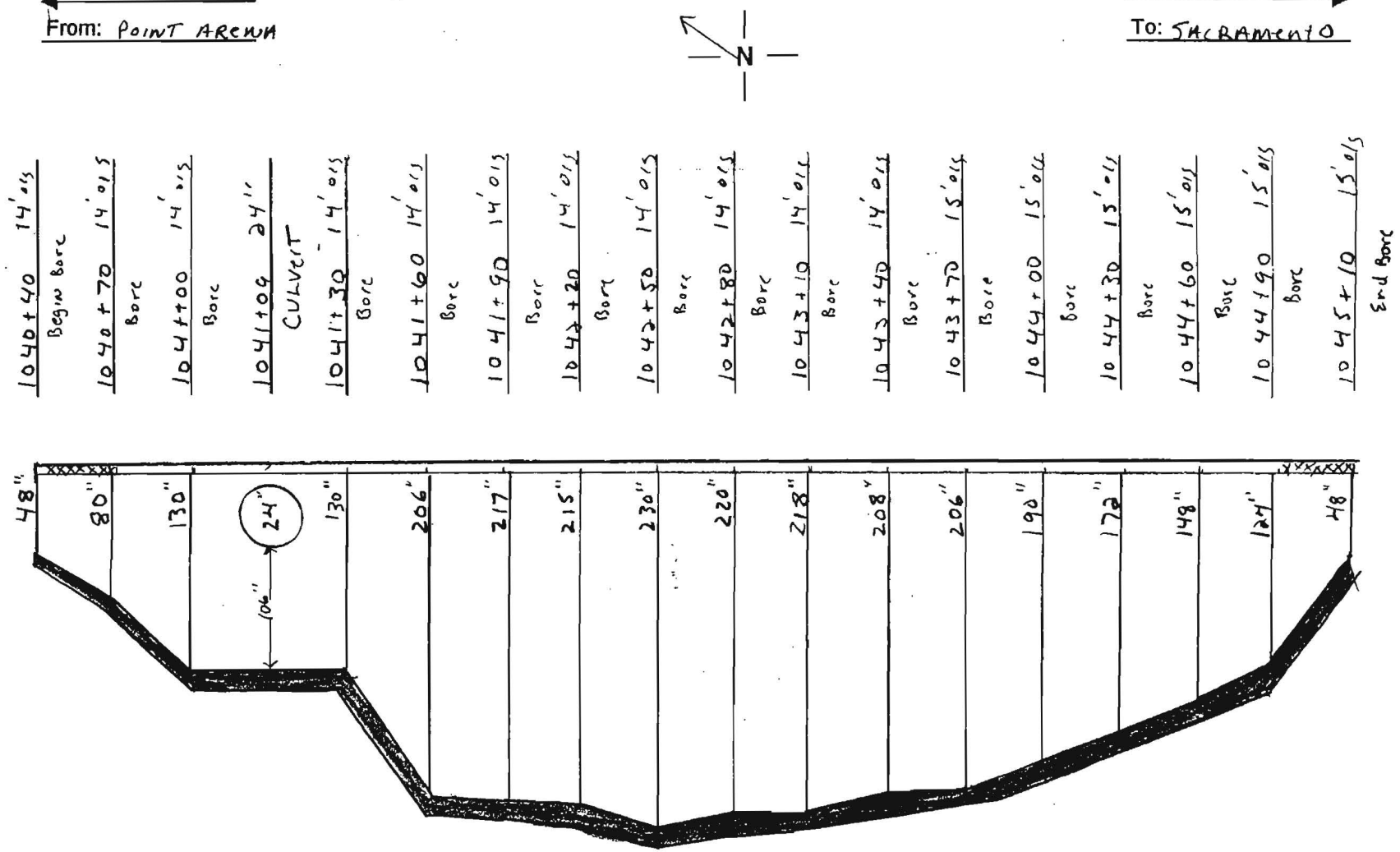
Date: 11-9-

Page No. 2 of 2

Drawing #: SACR-203-SPRD 4

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Construction — As-Built Documentation

Spread Location:

Spread No. South 48

AFE No. 4875

Contract No. 99P154.16

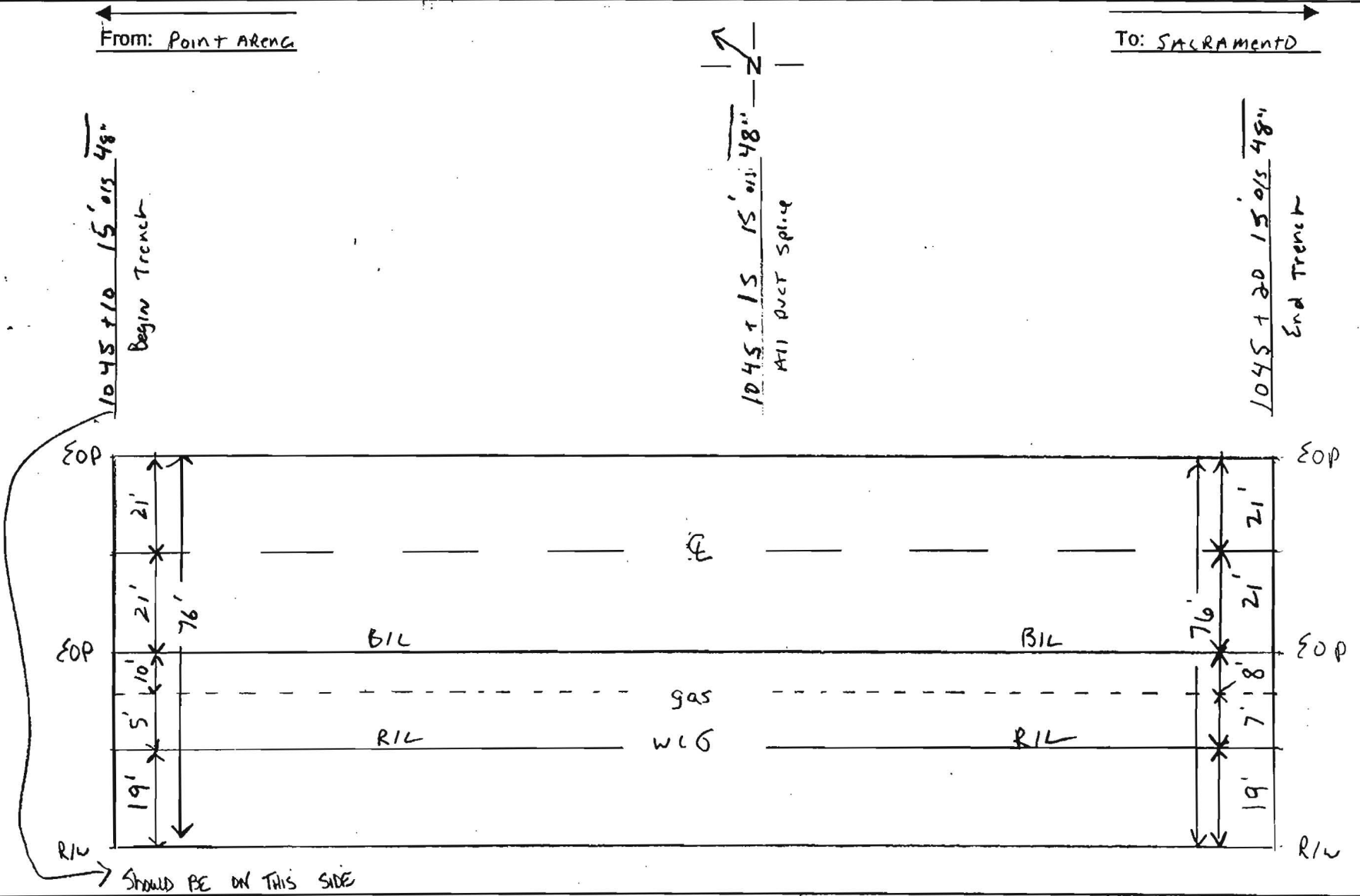
Date: 11-11-03

Page No. 1 of 1

Drawing #: SACR 203 - Sprd 4

From: Point Arena

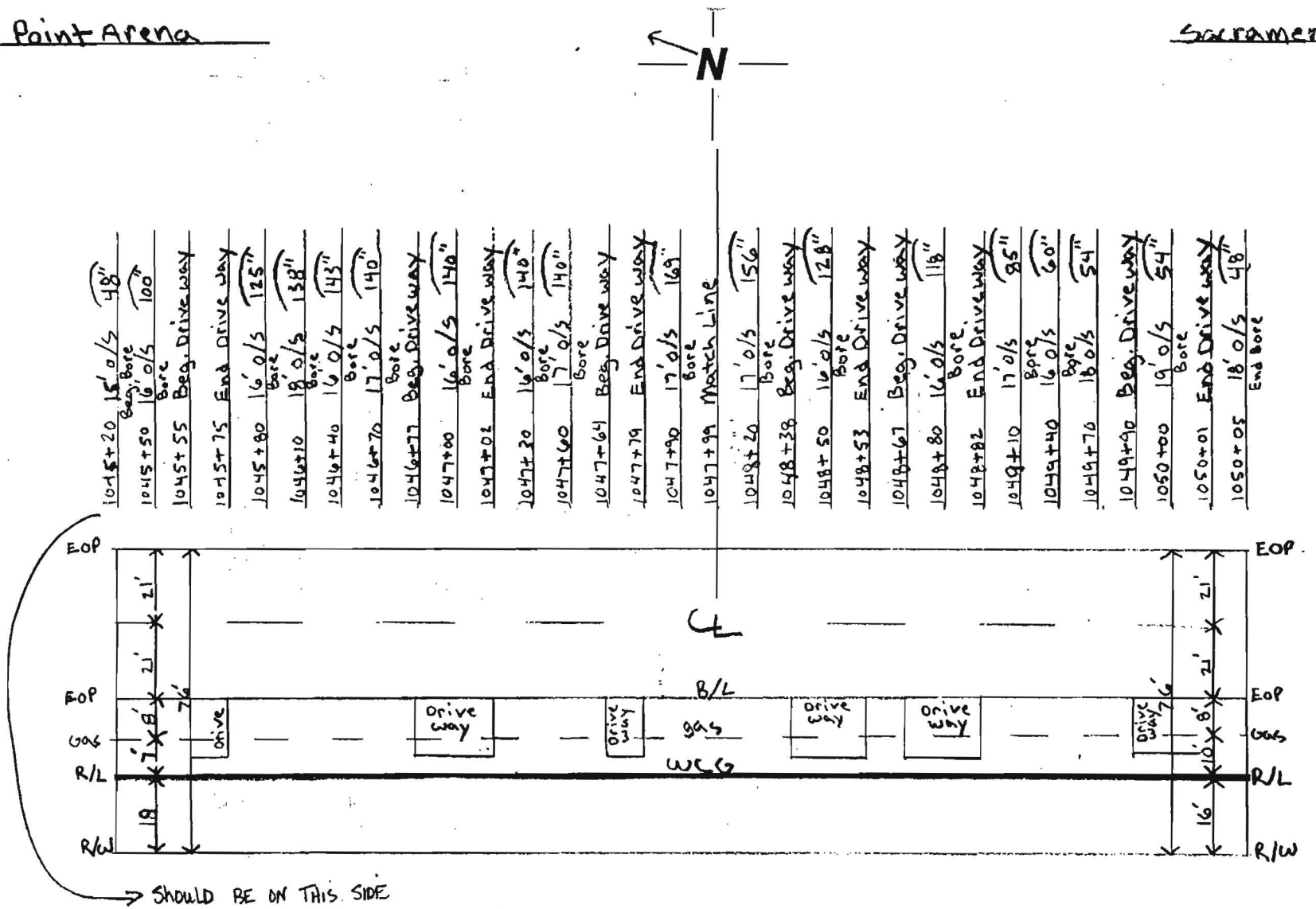
To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

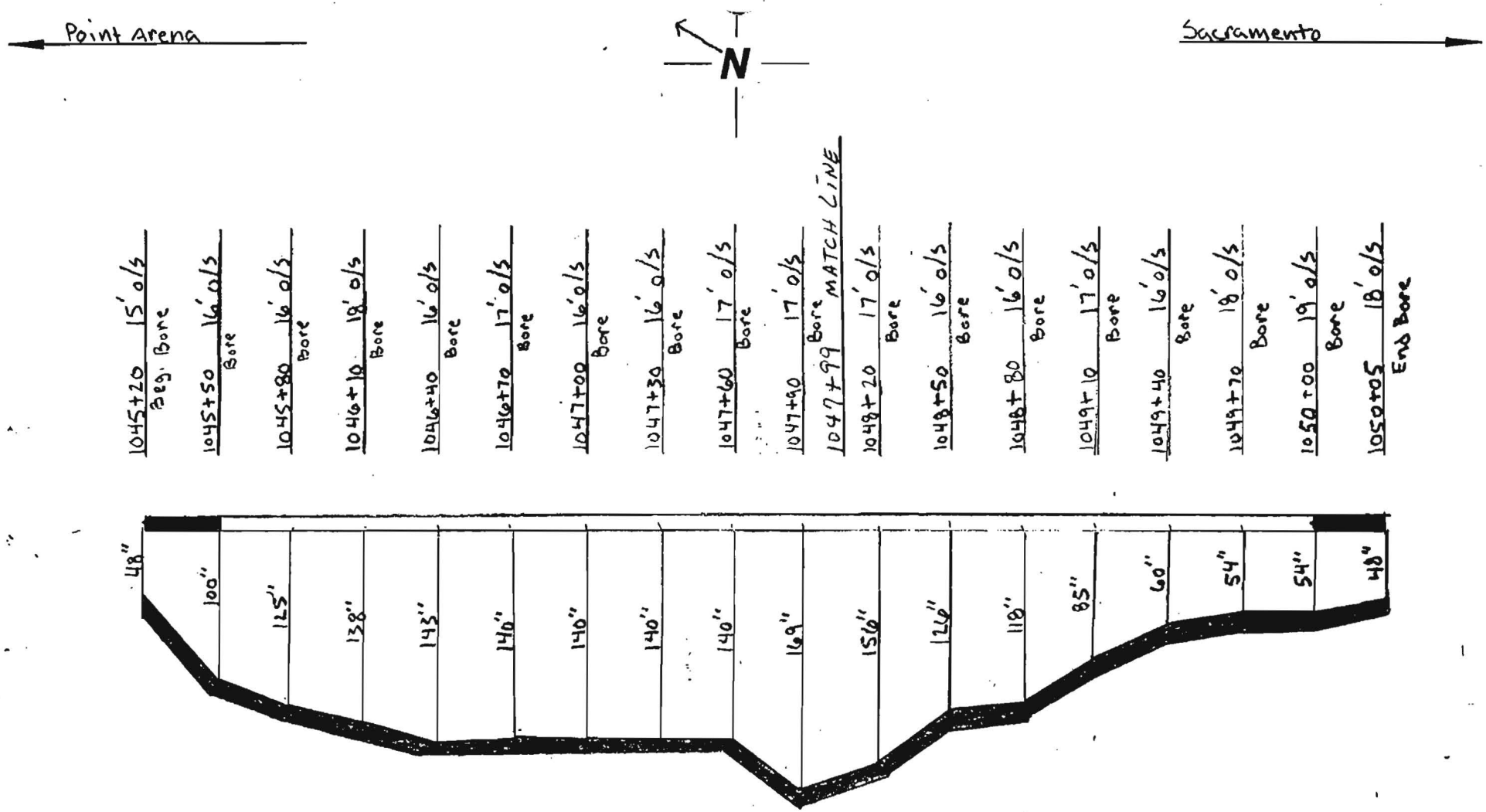
Williams CONSTRUCTION AS-BUILT DOCUMENTATI | 11-11-00 | 4875 | Sacr 201, 202- | 24th 4B

Point Arena ← N → Sacramento



NOTES:	COUNTY:	CONTRACTOR:
2-1½ HDPE orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell
PAGE 1 OF 2	DUCT CONFIGURATION:	INSPECTOR: Jeb Sincraugh

Williams CONSTRUCTION AS-BUILT DOCUMENTATION | 11-11-00 | 4875 | Sacr 203,204-4 South 4B



NOTES:	COUNTY:	CONTRACTOR:
2 - 1½ HDPE orange, Blue	Sonoma	Tidwell
1 - 1¼ HDPE Black	DUCT CONFIGURATION:	INSPECTOR:
PAGE 2 OF 2		Jeb Sincraugh

FIBER STATIONING

1048+45 DRIVEWAY
1048+74 DRIVEWAY
1048+94 GAS LINE
1049+93 DRIVEWAY
1050+44 9' RT. UTIL. POLE
1050+84 62' LT. CULVERT
1050+99 DRIVEWAY
1051+24 64' LT. CULVERT
1052+06 TELEPHONE LINE
1052+53 67' LT. CULVERT
1052+53 73' LT. HEADWALL
1052+54 63' LT. HEADWALL
1052+83 63' LT. HEADWALL
1052+83 73' LT. CULVERT
1052+85 69' LT. FENCE CORNER
1053+07 92' LT. TELE. POLE
1053+41 9' RT. UTIL. POLE
1053+69 BEGIN STEEL
1053+74 4' RT. CULVERT
1053+75 CULVERT
1053+80 END STEEL
1053+89 73' LT. CULVERT
1054+89 DRIVEWAY
1055+98 57' LT. CULVERT
1056+18 8' LT. VLV
1056+28 56' LT. CULVERT
1056+33 9' LT. VLV
1056+45 15' RT. FENCE CORNER
1056+52 9' RT. UTIL. POLE
1056+68 DRIVEWAY
1057+01 BEGIN STEEL
1057+06 GAS LINE
1057+12 END STEEL
1057+48 DRIVEWAY
1058+38 9' RT. UTIL. POLE
1058+39 83' LT. TELE. POLE
1058+67 93' LT. FENCE CORNER
1058+90 78' LT. FENCE CORNER
1059+39 79' LT. FENCE CORNER
1059+39 94' LT. FENCE CORNER
1059+83 9' RT. UTIL. POLE

#2 10S+10 ALIGNMENT SPLICE
#1 10S+30 SPLICE AHEAD
#3 FIBER MARKER 2 10S+67.93

ROAD STATIONING

← POINT ARENA
SONOMA COUNTY CALIFORNIA
SACRAMENTO →

MATCH LINE 10+77+99 SHT. 203–SPRD 4 1048+00
MATCH LINE 1060+00 SHT. 205–SPRD 4

PETALUMA HILL ROAD
ASPHALT DRIVE
R/W
G
LIGHTLY WOODED
Centerline of pavement
18"OS 48"
20"OS 48"
20"DS 48"
WILLIAMS FIBER ROUTE
72"

| 1047+99 +1048+00 | | |

Williams **CONSTRUCTION AS-BUILT DOCUMENTATION**

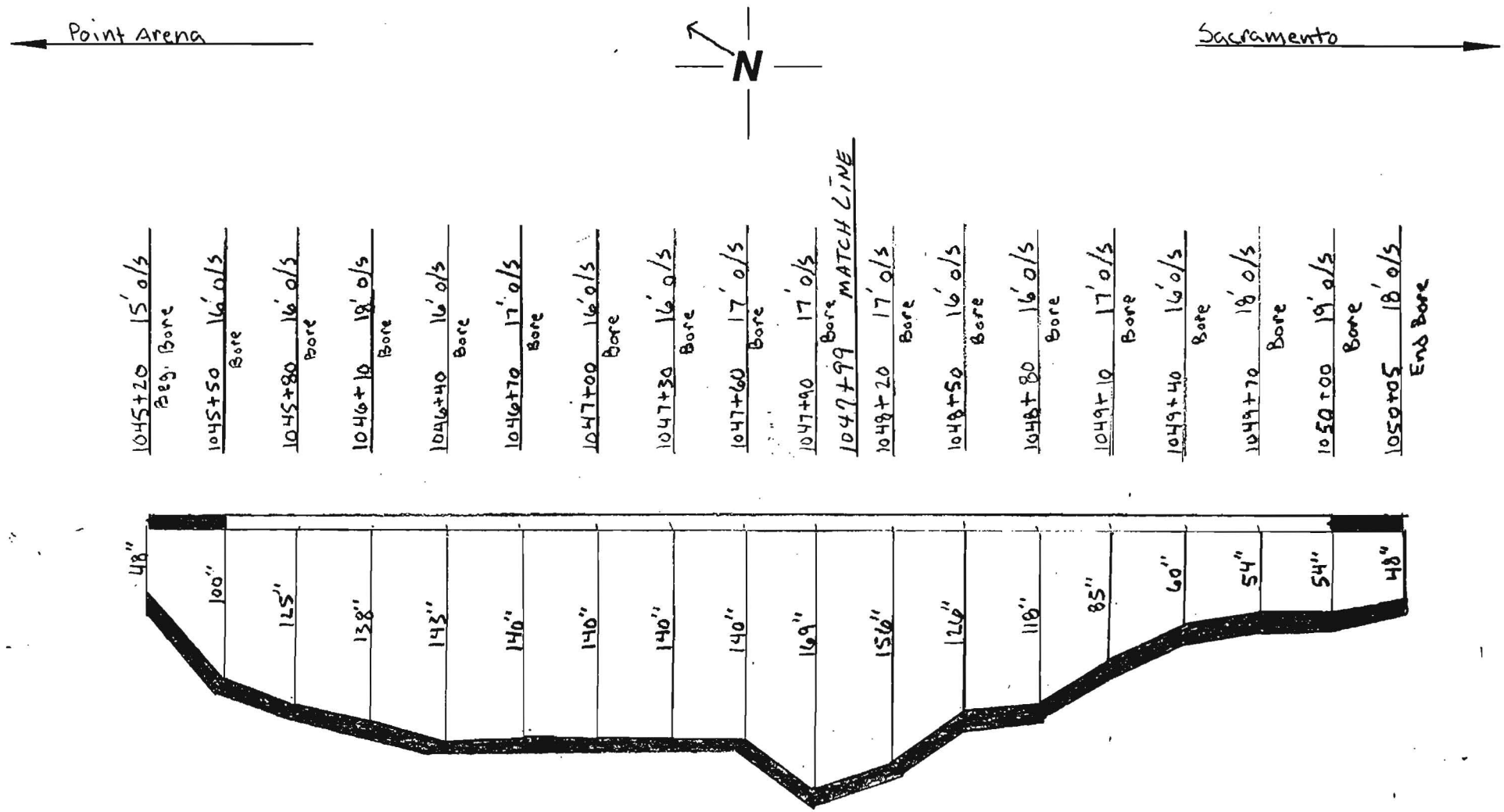
DATE: 11-11-00 | PROJECT: 4875 | SHEET: Sacr 201,202-South 4B

Point Arena ← N → Sacramento

| | | |

Williams CONSTRUCTION AS-BUILT DOCUMENTATI

DATE:	PROJECT:	DWG/ALIGNMENT SHEET:	SPREAD:
11-11-00	4875	Sacr 203,204-4	uth 4B



NOTES:	COUNTY:	CONTRACTOR:
2 - 1½ HDPE orange, Blue	Sonoma	Tidwell
1 - 1¼ HDPE Black	DUCT CONFIGURATION:	INSPECTOR:
PAGE 2 OF 2		Jeb Sincraugh

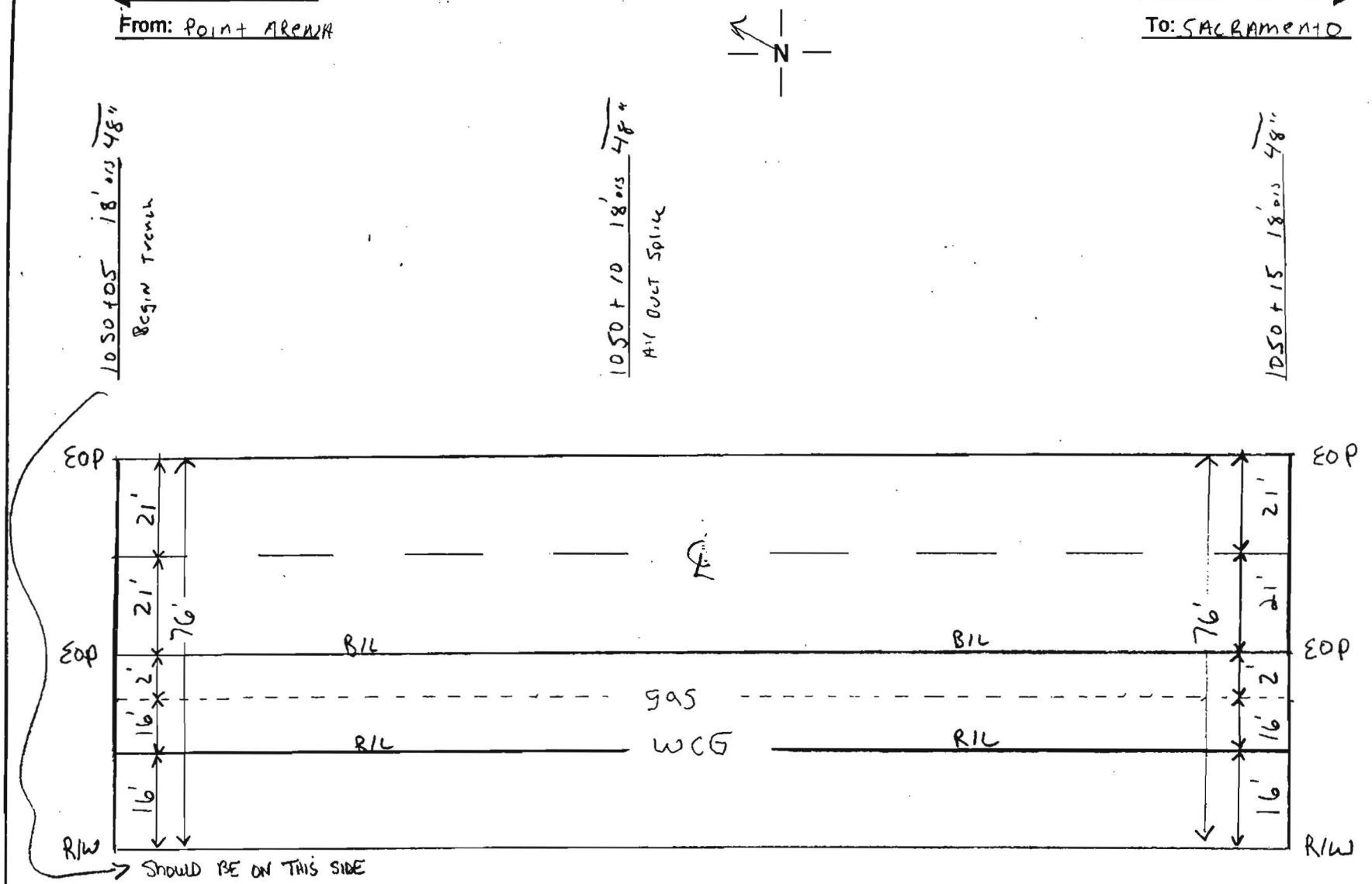
Williams Construct[illegible] As-Built Documentation

Spread Location:
Spread No. South 4B
AFE No. 4875
Contract No. 199P154-16

Date: 11-14
Page No. 1 of 1
Drawing #: SACR-204-4

From: Point Arena

To: SACRAMENTO



Notes:	County:	Contractor:
	Sonoma	Tidwell
2 1½ HDPE orange, blue	Duct Configuration:	Inspector:
1 1¼ HDPE Black		JR Smith

Williams

Williams Construct As-Built Documentation

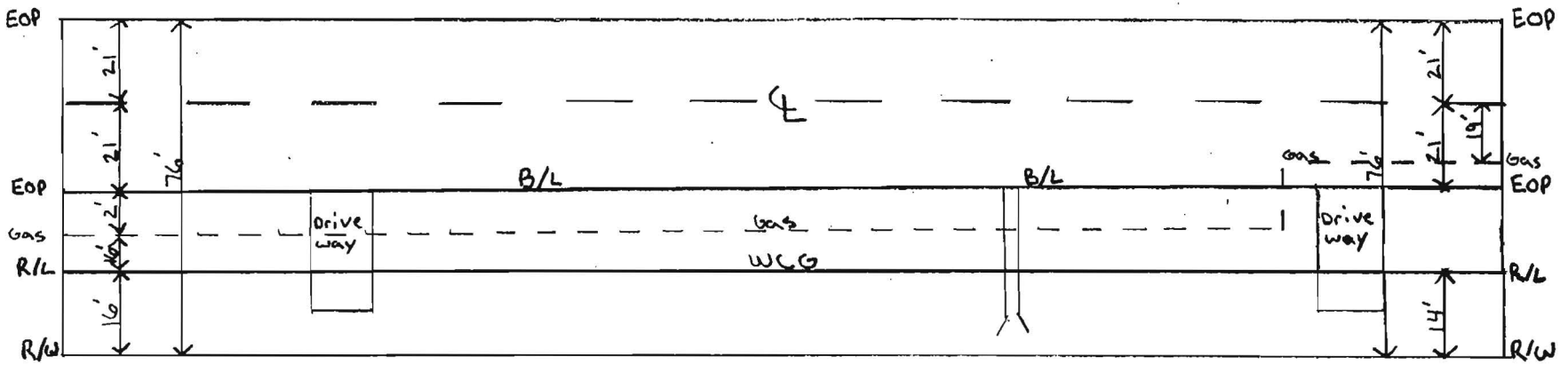
Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154, 16

Date: 11-14
Page No. 1 or 2
Drawing #: SacP-204-4

From: Point Arena — To: Sacramento

N

1050+15 18'o/s 48" Beg Bore
1050+30 19'o/s 78" Bore
1050+60 19'o/s 100" Bore
1050+90 20'o/s 100" Bore
1050+96 Beg. Driveway
1051+07 End Driveway
1051+20 19'o/s 95" Bore
1051+50 21'o/s 70" Bore
1051+80 20'o/s 88" Bore
1052+10 20'o/s 70" Bore
1052+40 20'o/s 75" Bore
1052+70 19'o/s 93" Bore
1053+00 20'o/s 100" Bore
1053+30 21'o/s 118" Bore
1053+60 21'o/s 103" Bore
1053+74 48" @ 10' 120" Culvert
1053+90 19'o/s 140" Bore
1054+20 19'o/s 130" Bore
1054+50 21'o/s 90" Bore
1054+80 21'o/s 86" Bore
1054+81 Beg. Driveway
1054+97 End Driveway
1055+10 20'o/s 62" Bore
1055+25 20'o/s 48" End Bore



→ SHOULD BE ON THIS SIDE

Notes: 2 - 1½ HDPE orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

Williams

Williams Construct[illegible] As-Built Documentation

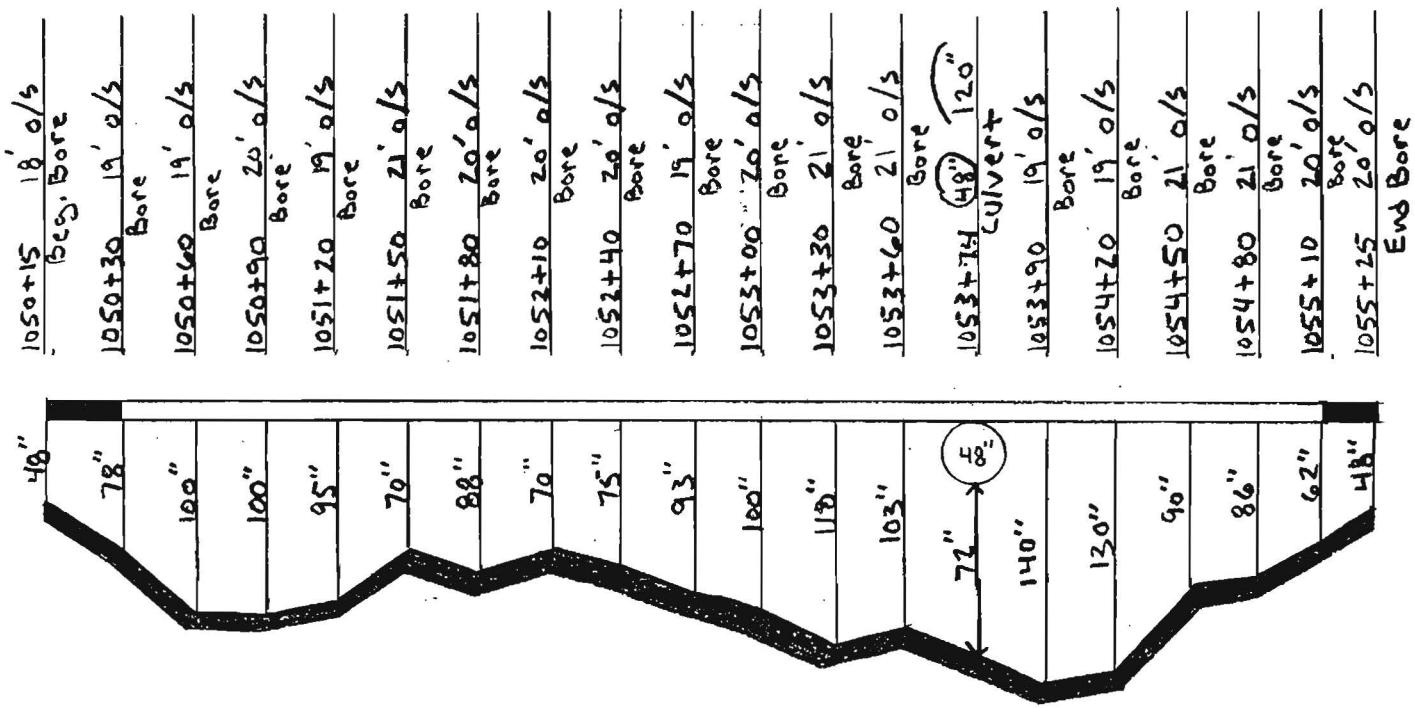
Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 11-1[illegible]0
Page No. 2 of 4
Drawing #: Sacr 204-4

From: Point Arena

N

To: Sacramento



Notes: 2 - 1½ HDPE orange, Blue 1 - 1¼ HDPE Black		County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construction — As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154,16

Date: 11-2
Page No. 1 of 1
Drawing #: SacR-204-4

From: Point Arena → To: Sacramento

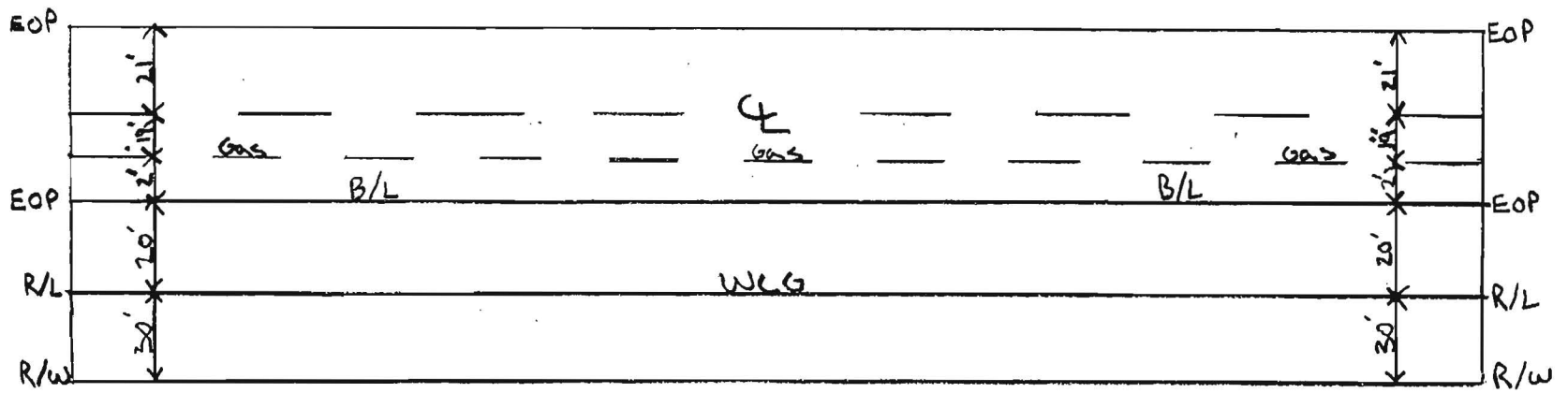
N

1055+25 20'o/s 48" Beg Trench

1055+30 20'o/s 48" All duct splice

1055+35 20'o/s 48" End Trench

Petaluma Hill Rd.



→ SHOULD BE ON THIS SIDE.

Notes:	County:	Contractor:
2 - 1½ HDPE Orange Blue 1 - 1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeh Sinclough

Williams

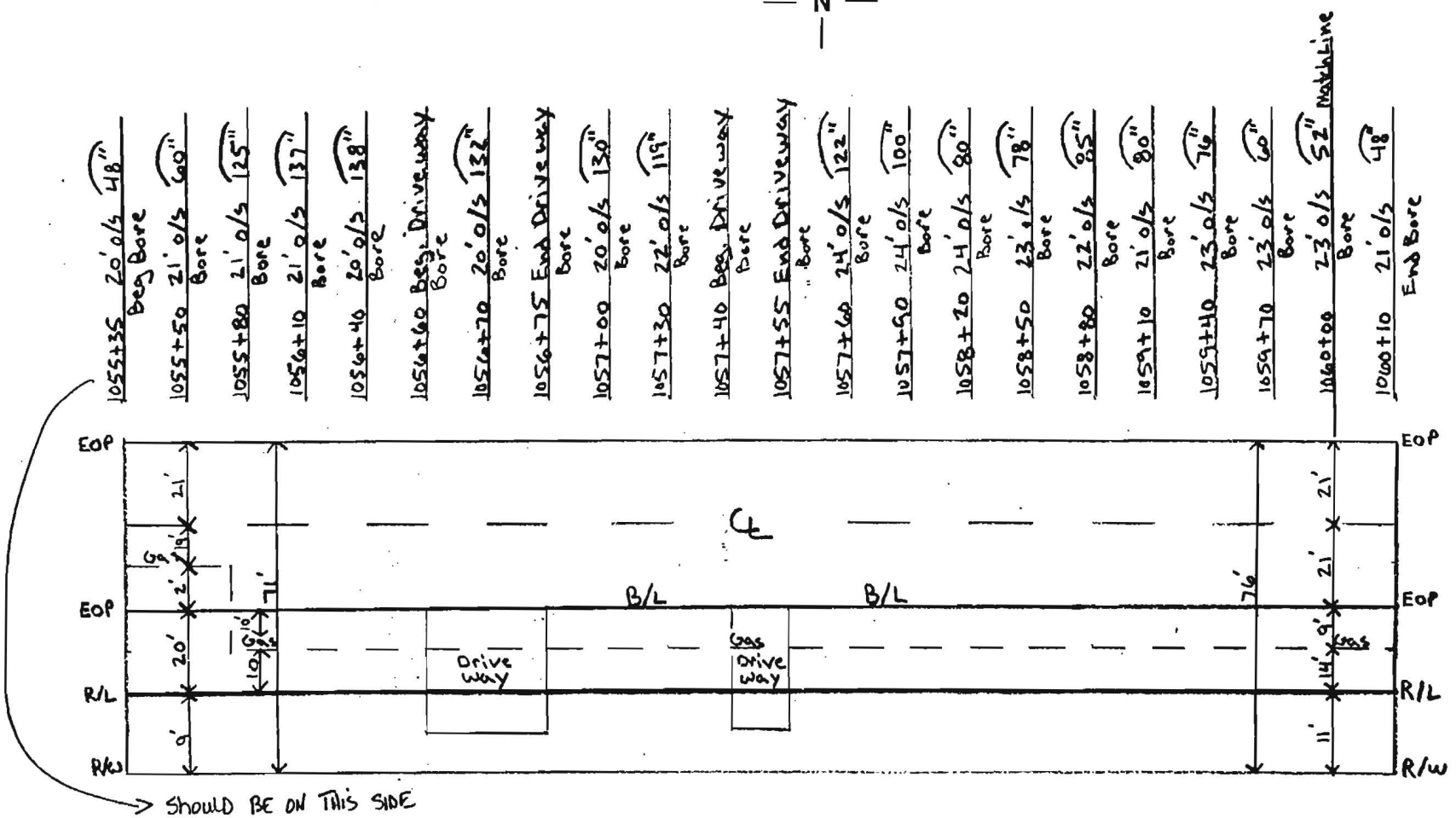
Williams Constru[illegible] As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 11-[illegible]
Page No. 1 [illegible]
Drawing #: Sacr-204-205-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams

Williams Construc... As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 998154.16

Date: 11-1...
Page No. 2 of 2
Drawing #: Sacr 204, 205-4

From: Point Arena

N

To: Sacramento

1055+35	1055+50	1055+80	1056+10	1056+40	1056+70	1057+00	1057+30	1057+60	1057+90	1058+20	1058+50	1058+80	1059+10	1059+40	1059+70	1060+00	1060+10
20' o/s	21' o/s	21' o/s	21' o/s	20' o/s	20' o/s	20' o/s	22' o/s	24' o/s	24' o/s	24' o/s	23' o/s	22' o/s	21' o/s	23' o/s	23' o/s	23' o/s	21' o/s
Beg Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	End Bore

MATCH LINE

48"	60"	125"	137"	138"	132"	130"	119"	122"	100"	80"	78"	85"	80"	76"	60"	52"	48"

Notes:	County:	Contractor:
2- 1½ HDPE orange, Blue 1- 1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

FIBER STATIONING

10601+15 ALLOWY SPLICE
10601+14 95' LT. FENCE CORNER
10601+36 64' LT. CULVERT
10601+37 9' LT. CULVERT
10601+38 CULVERT
10601+81 17' RT. FENCE CORNER
10601+83 DRIVEWAY
10601+98 17' RT. FENCE CORNER
10601+35 5' RT. UTIL POLE
10602+34 21' RT. FENCE CORNER
10602+52 9' RT. FENCE
10602+60 3' RT. FENCE CORNER
10602+83 6' RT. TELE. POLE
10603+10 53' LT. UTIL POLE
10603+10 66' LT. FENCE CORNER
10603+22 HANDHOLE
10604+05 AIL DUCT SPLICE
10604+26 7' RT. TELE. POLE
10604+34 57' LT. UTIL POLE
10604+49 8' RT. FENCE CORNER
10604+24 FIBER MARKER
10604+97 16' RT. HUNTER LANE
10605+15 11' RT. FENCE CORNER
10605+18 18' RT. FENCE
10605+21 6' RT. TELE. POLE
10605+21 29' RT. POLE
10605+60 HEADWALL
10605+67 1' RT. HEADWALL
10605+68 9' RT. HEADWALL
10605+74 1' RT. BOX CULVERT
10605+82 1' RT. HEADWALL
10605+83 8' RT. HEADWALL
10605+86 1' RT. HEADWALL
10606+57 4' RT. TELE. POLE
10606+82 TRAFFIC SIG.
10606+86 1' LT. TRAFFIC POLE
10606+86 48' LT. UTIL POLE
10606+92 14' RT. BEGIN STEEL
10606+97 13' RT. GAS LINE
10607+12 53' LT. FENCE CORNER
10607+47 4' RT. TELE. POLE
10607+60 13' RT. DRIVEWAY
10608+35 11' RT. FENCE
10608+70 4' RT. TELE. POLE
10608+80 ALLOWY SPLICE
10608+90 55' LT. FENCE CORNER
10608+94 8' RT. DRIVEWAY
10608+95 51' LT. UTIL POLE
10609+24 2' RT. DRIVEWAY
10609+31 GAS LINE
10609+35 12' RT. FENCE CORNER
10610+03 6' RT. TELE. POLE
10611+05 TIES TV FIBER FROM AERIAL.
10611+78 TIES POLE#1
10612+71 7' RT. TELE. POLE
10612+81 GREEN SHED
10613+21 10' RT. FENCE CORNER
10613+26 2' LT. GAS LINE
10613+36 GREEN SHED
10613+93 5' RT. DRIVEWAY
10613+93 5' RT. FENCE CORNER
10614+00 GREEN SHED

ROAD STATIONING

#1 POINT ARENA — #2 SONOMA COUNTY CALIFORNIA — #3 SACRAMENTO

48" — 27"DIS 48" — 26"DIS 48" — 27"DIS 48"

C-SANTA ROSA-3 — D-SANTA ROSA-Q

ASPHALT DRIVE — PETALUMA HILL ROAD — HUNTER LANE — SIGNAL WARNING — BEGIN BORE

R/W — G — X — C

MATCH LINE 10601+02 SHT. 204-SPRD 4 10603+99

MATCH LINE SHT. 206-SPRD 4 10713+99

WILLIAMS FIBER ROUTE

| | | |

Williams

Williams Construct... As-Built Documentation

Spread Location: Santa Rosa

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 11-1...

Page No. 1 o...

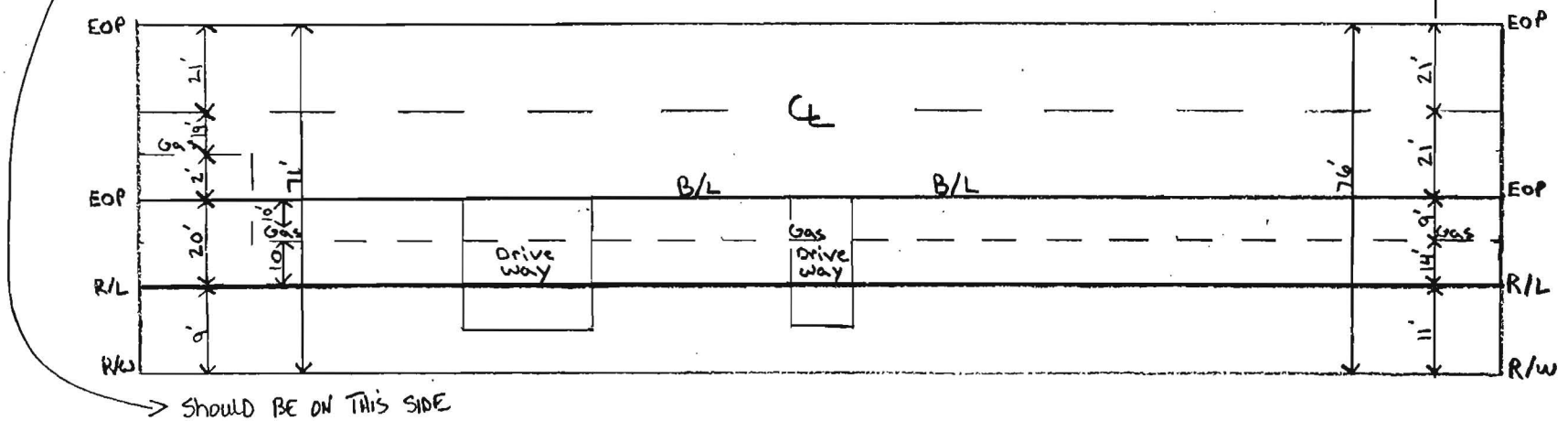
Drawing #: Sacr-204-205-4

From: Point Arena

To: Sacramento

N

1055+35	1055+50	1055+80	1056+10	1056+40	1056+60	1056+70	1056+75	1057+00	1057+30	1057+40	1057+55	1057+60	1057+90	1058+20	1058+50	1058+80	1059+10	1059+40	1059+70	1060+00	1060+10
20'0/s 48" Beg Bore	21'0/s 60" Bore	21'0/s 125" Bore	21'0/s 137" Bore	20'0/s 138" Bore	Beg. Driveway Bore	20'0/s 132" Bore	End Driveway Bore	20'0/s 130" Bore	22'0/s 119" Bore	Beg. Driveway Bore	End Driveway Bore	24'0/s 122" Bore	24'0/s 100" Bore	24'0/s 80" Bore	23'0/s 78" Bore	22'0/s 85" Bore	21'0/s 80" Bore	23'0/s 76" Bore	23'0/s 60" Bore	23'0/s 52" Bore Matchline	21'0/s 48" End Bore

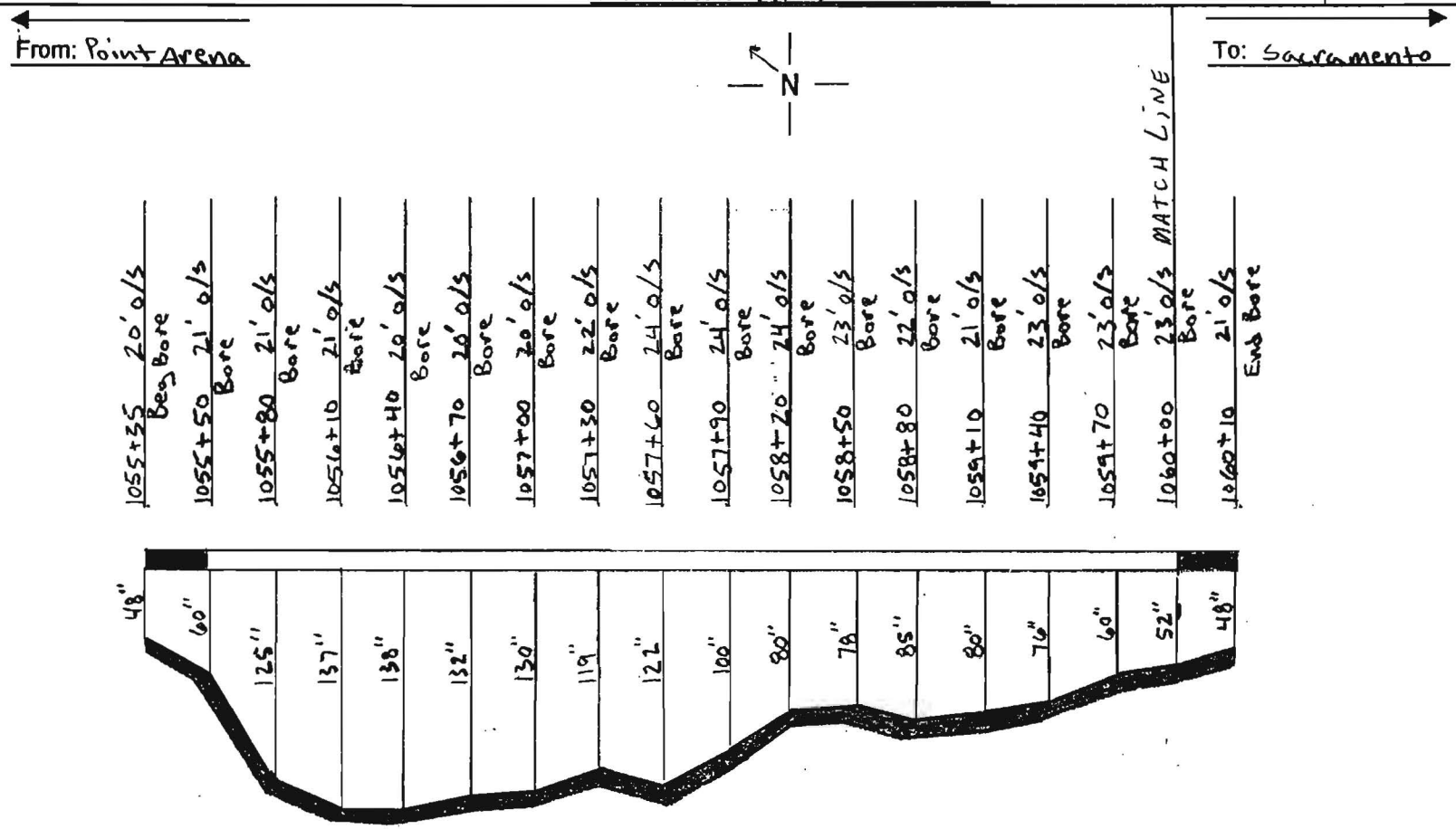


Notes:	2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 11-15
Page No. 2 of 2
Drawing #: Sacr 204, 205-4



Notes:	County:	Contractor:
2 - 1½ HDPE orange, Blue 1 - 1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construction As-Built Documentation

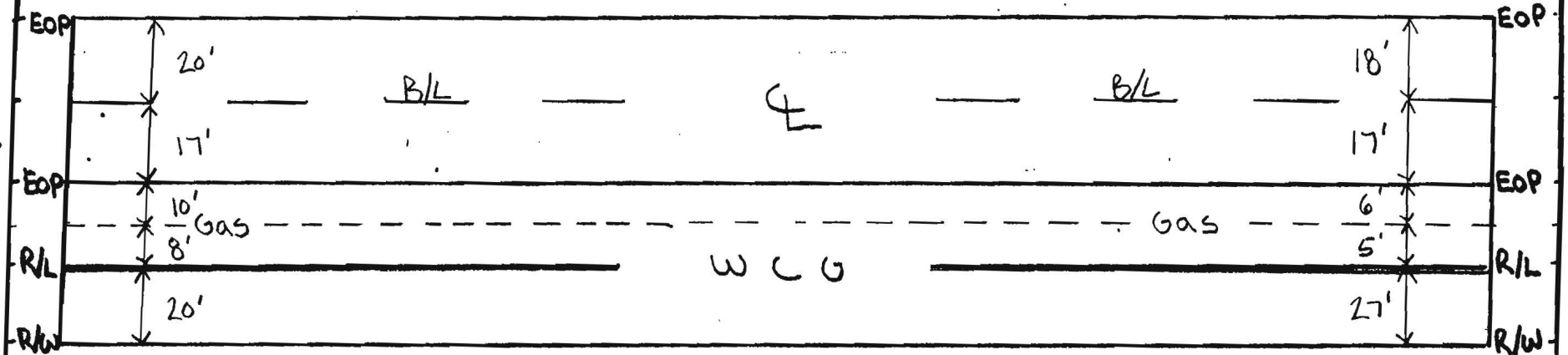
Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Page No. 1
Drawing #: Sour-205-4

From: Point Arena

N

To: Sacramento



1060+25 35'o/s 48" Beg Bore

1060+40 34'o/s 71" Bore

1061+00 32'o/s 205" Bore

1061+60 32'o/s 163" Bore

1062+20 30'o/s 125" Bore

1062+80 28'o/s 120" Bore

1063+40 25'o/s 110" Bore

1064+00 29'o/s 65" Bore

1064+40 28'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: JebSimcraugh

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154616

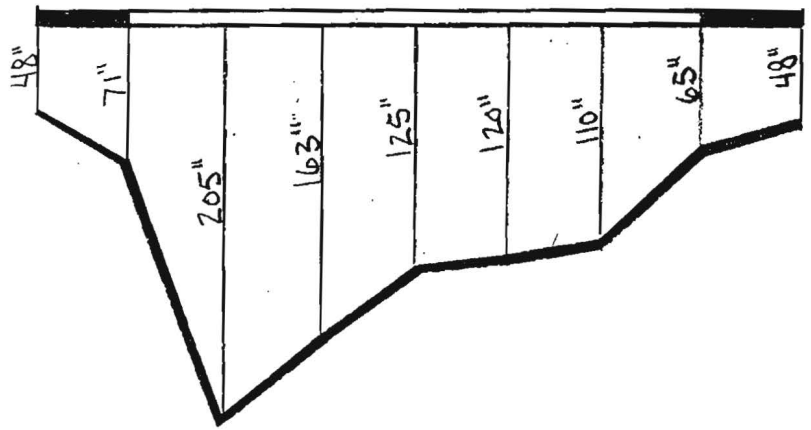
Date: 2-1[illegible]
Page No. 2[illegible]
Drawing #: Sacr-205-4

From: Point Arena

N

To: Sacramento

1060+25	1060+40	1060+00	1061+60	1062+20	1062+80	1063+40	1064+00	1064+10
35'o/s	34'o/s	32'o/s	32'o/s	30'o/s	28'o/s	29'o/s	29'o/s	28o/s
48"	71"	205"	163"	125"	120"	110"	65"	48"
Beg Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	End Bore



Notes: 2-1½ HDPE orange, Blue 1-1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Simcraugh

Williams Construc[illegible] As-Built Documentation

Williams

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

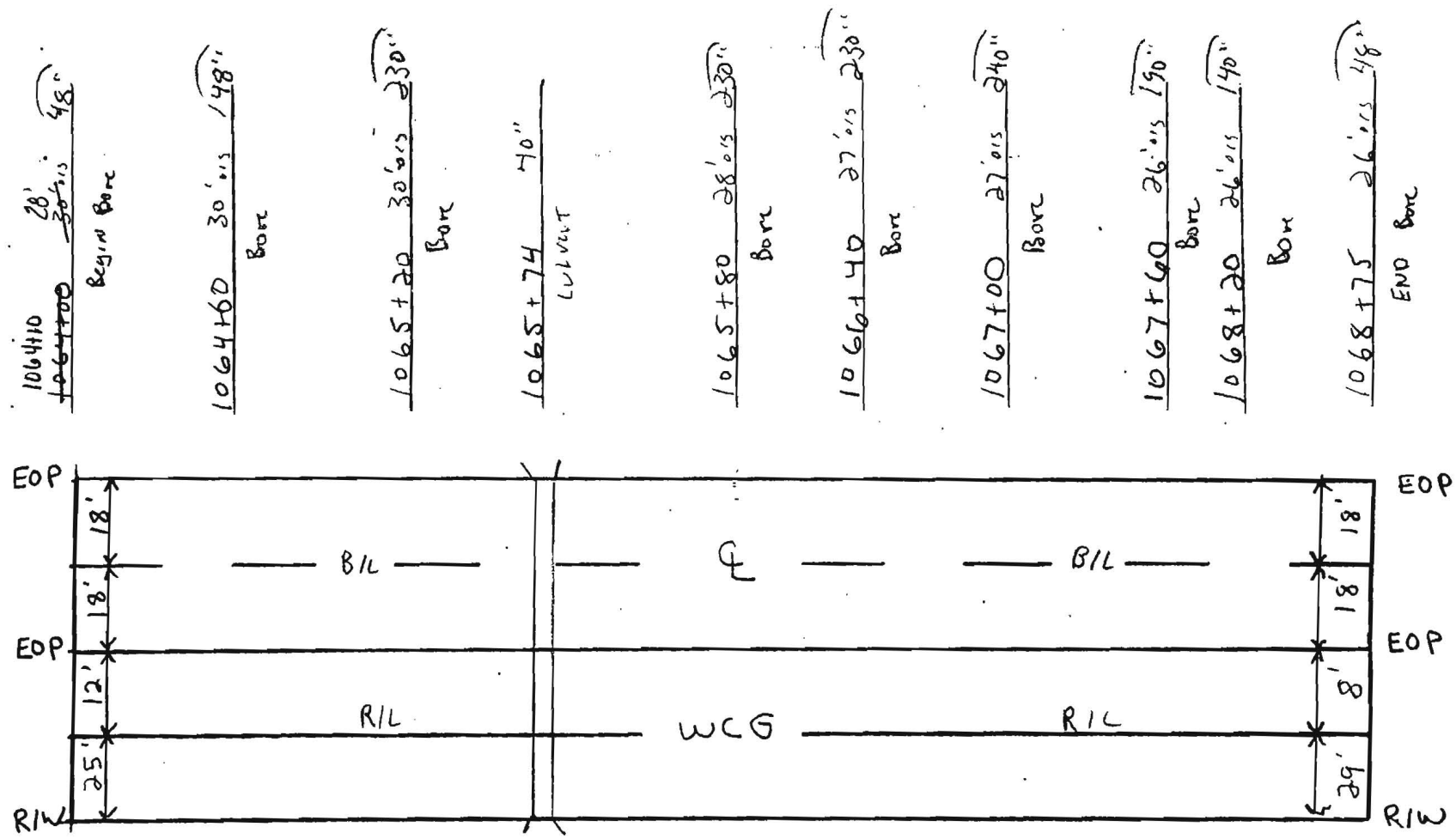
Date: 1-18-[illegible]

Page No. 1

Drawing #: SACR 205

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Constructio[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

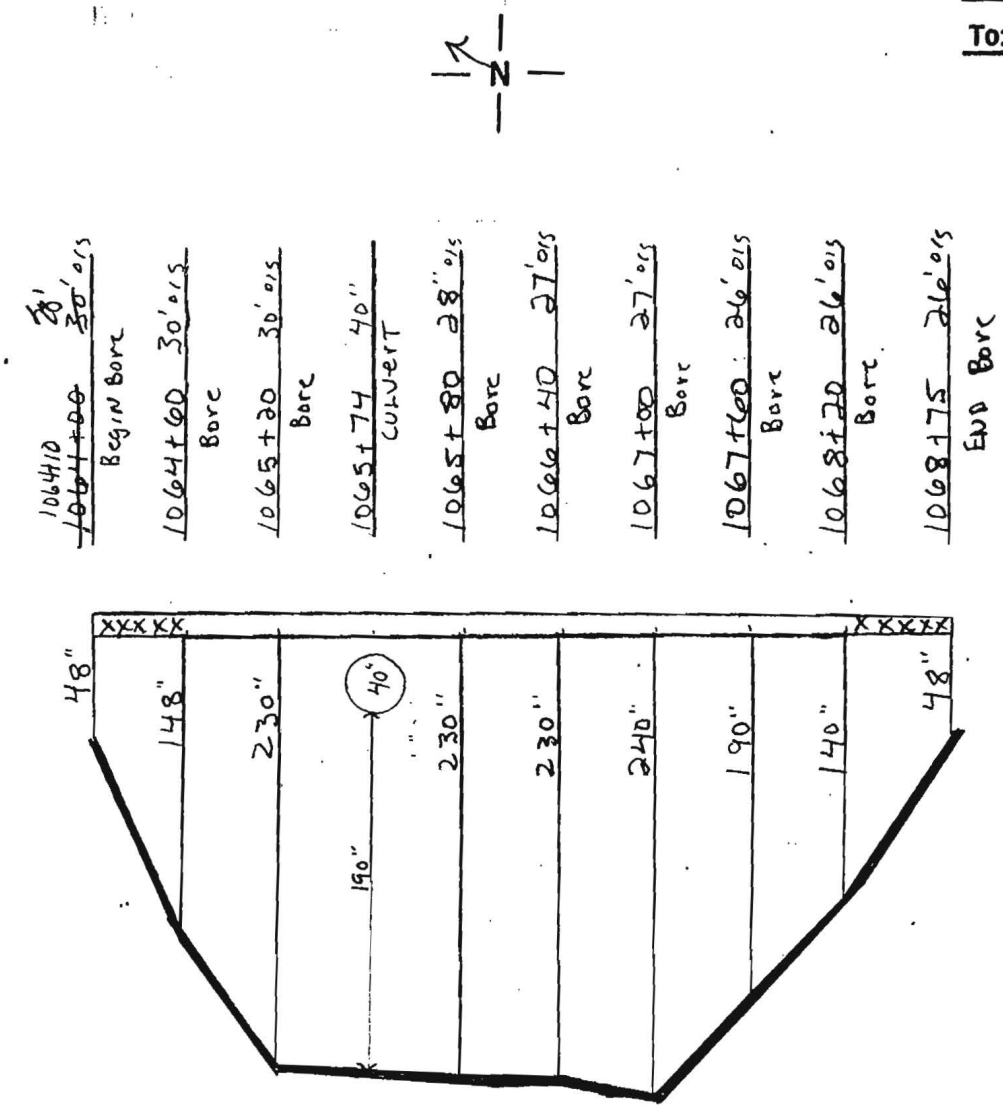
Date:

Page No. 2 of

Drawing #: SALR 205

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMHS

Williams Construc[illegible] As-Built Documentation

Williams

Spread Location:

Spread No. South 48

AFE No. 4875

Contract No. 99P154 16

Date: [illegible]

Page No. 1 of [illegible]

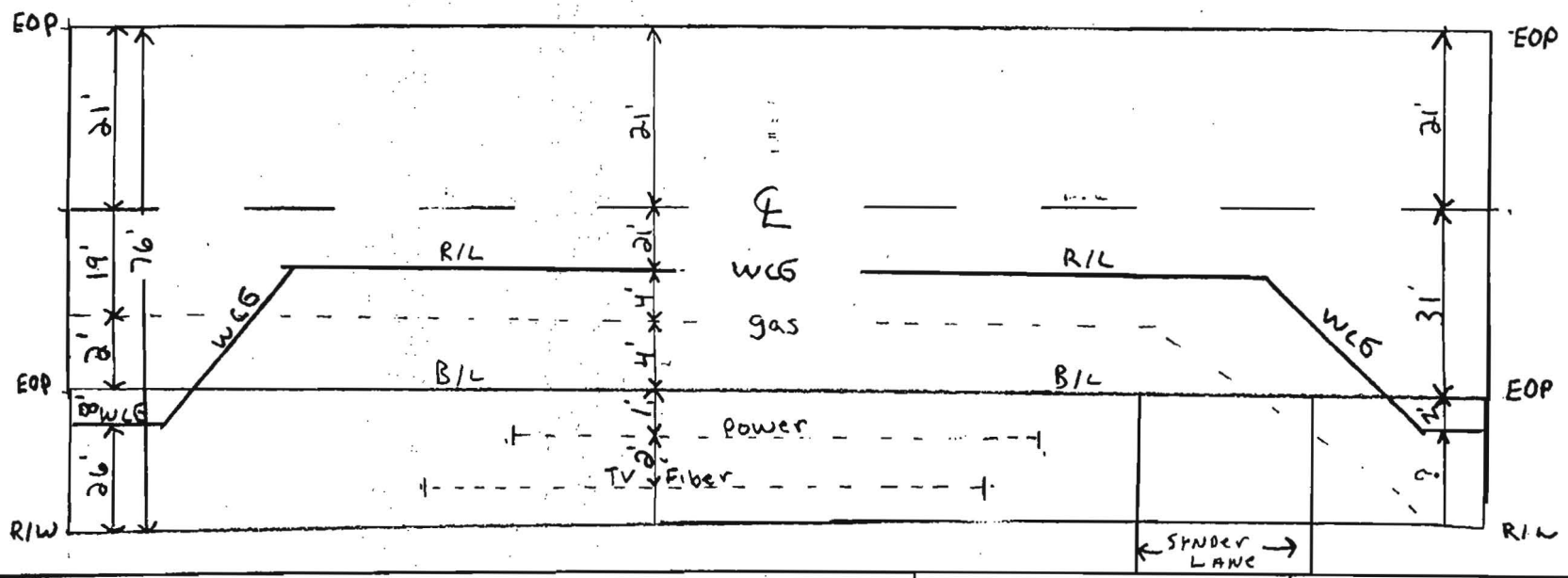
Drawing #: SACR-[illegible]

From: POINT ARENA

To: SACRAMENTO

N

Beg Bore 1068+90	8' o/s	48"
Bore 1069+20	6' o/s	60"
Bore 1069+50	4' o/s	80"
Bore 1069+80	2' o/s	93"
Bore 1070+10	0' o/s	102"
Bore 1070+40	3' o/s	107"
Bore 1070+70	6' o/s	112"
Bore 1071+00	8' o/s	126"
Begin TV Fiber From Aerail 1071+05		
Bore 1071+30	9' o/s	145"
Beg Power 1071+58		
Bore 1071+60	9' o/s	126"
Bore 1071+90	9' o/s	107"
Matchline 1071+99	9' o/s	110"
Bore 1072+20	8' o/s	114"
Bore 1072+50	8' o/s	112"
Bore 1072+80	8' o/s	130"
Bore 1073+10	7' o/s	140"
Bore 1073+40	7' o/s	133"
Bore 1073+70	7' o/s	130"
Bore 1074+00	7' o/s	116"
End TV Fiber to Aerail 1074+22		
End Power 1074+29		
Bore 1074+30	7' o/s	123"
Begin Synder Lane 1074+40		
Bore 1074+60	7' o/s	130"
Bore 1074+90	5' o/s	120"
End Synder Lane 1075+08		
Bore 1075+20	4' o/s	110"
End Gas Down Hill of R/W 1075+33		
Bore 1075+50	3' o/s	100"
Bore 1075+80	0' o/s	80"
End Bore 1076+10	2' o/s	70"



Notes:	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: JR Smits

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99154.16

Date: 11-2

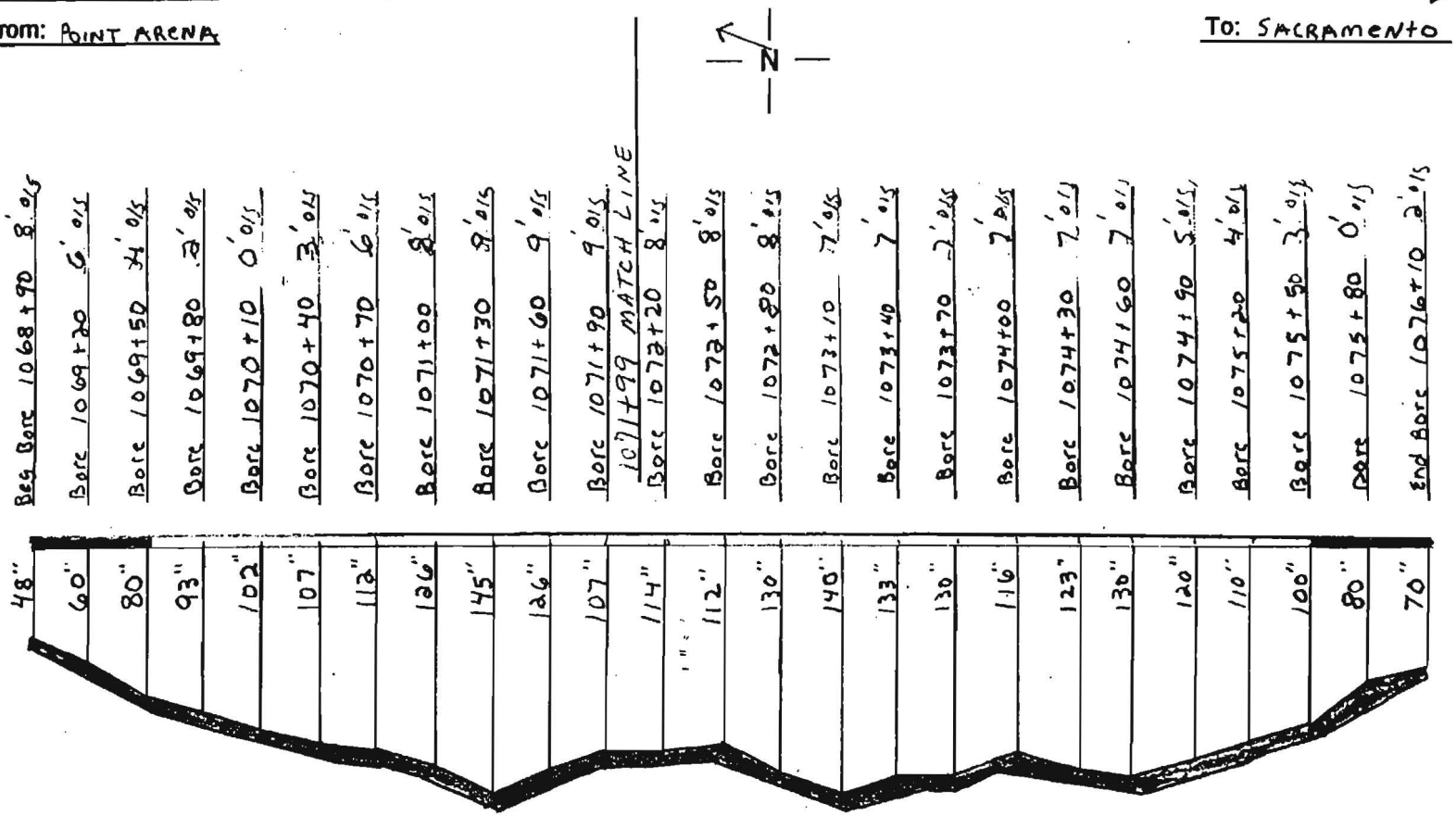
Page No. 1 o

Drawing #: SACR-205-206-4

From: POINT ARENA

To: SACRAMENTO

N



Notes:	County:	Contractor:
2 1½ HDPE Orange, Dive 1 1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: JR Smits

FIBER STATIONING

| | | |

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 48

AFE No. 4875

Contract No. 99P154 16

Date: 11-22

Page No. 1 of 2

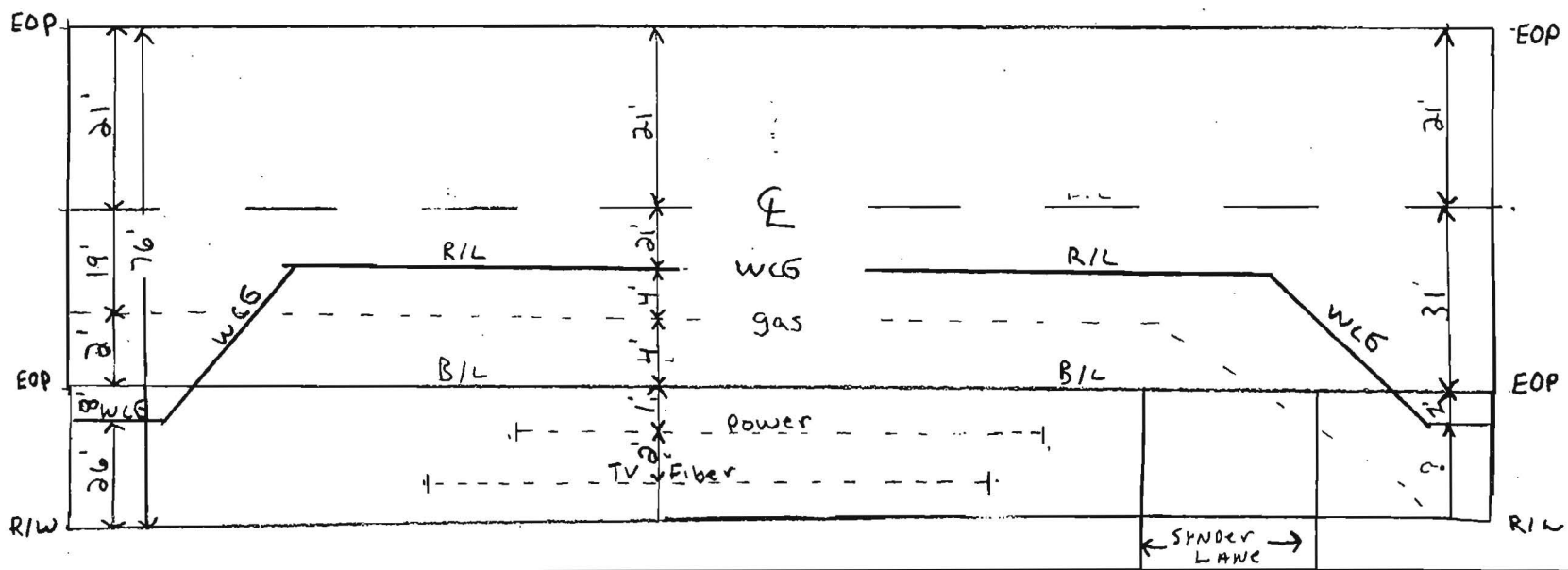
Drawing #: SACR-205300-V

From: Point Arena

To: Sacramento

N

Beg Bore 1068+90 8' o/s 48"
Bore 1069+20 6' o/s 60"
Bore 1069+50 4' o/s 80"
Bore 1069+80 2' o/s 93"
Bore 1070+10 0' o/s 102"
Bore 1070+40 3' o/s 107"
Bore 1070+70 6' o/s 112"
Bore 1071+00 8' o/s 126"
Begin TV Fiber From Aerail 1071+05
Bore 1071+30 9' o/s 145"
Beg Power 1071+58
Bore 1071+60 9' o/s 126"
Bore 1071+90 9' o/s 107"
Matchline 1071+99 9' o/s 110"
Bore 1072+20 8' o/s 114"
Bore 1072+50 8' o/s 112"
Bore 1072+80 8' o/s 130"
Bore 1073+10 7' o/s 140"
Bore 1073+40 7' o/s 133"
Bore 1073+70 7' o/s 138"
Bore 1074+00 7' o/s 116"
End TV Fiber to Aerail 1074+22
End Power 1074+29
Bore 1074+30 7' o/s 123"
Begin Synder Lane 1074+40
Bore 1074+60 7' o/s 130"
Bore 1074+90 5' o/s 120"
End Synder Lane 1075+08
Bore 1075+20 4' o/s 110"
End Gas Down Hill of R/W 1075+33
Bore 1075+50 3' o/s 100"
Bore 1075+80 0' o/s 80"
End Bore 1076+10 2' o/s 70"



Notes:	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: JR Smits

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99154.16

Date: 11-22

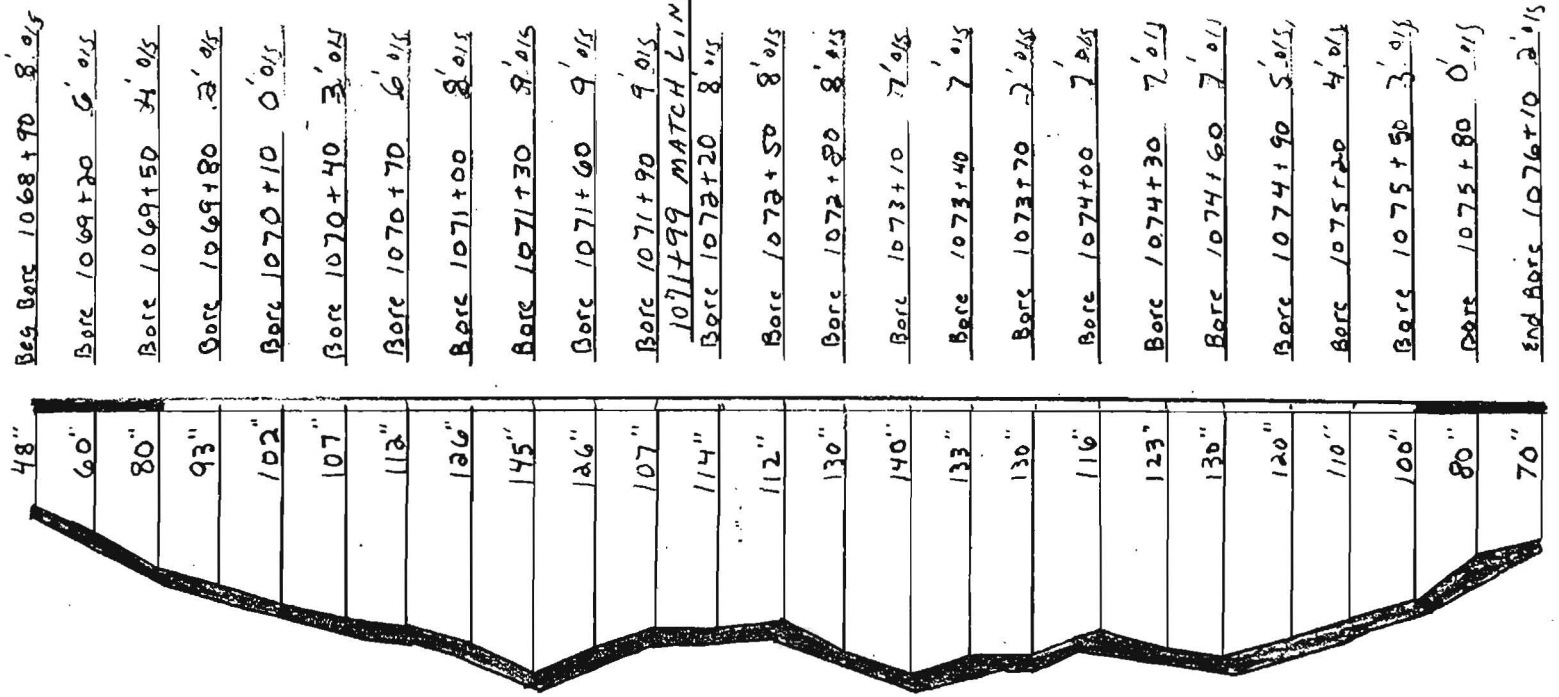
Page No. 1 of 4

Drawing #: SACR-205-206-4

From: POINT ARENA

To: SACRAMENTO

N



Notes:	County:	Contractor:
2 1½ HDPE Orange, DIVS	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

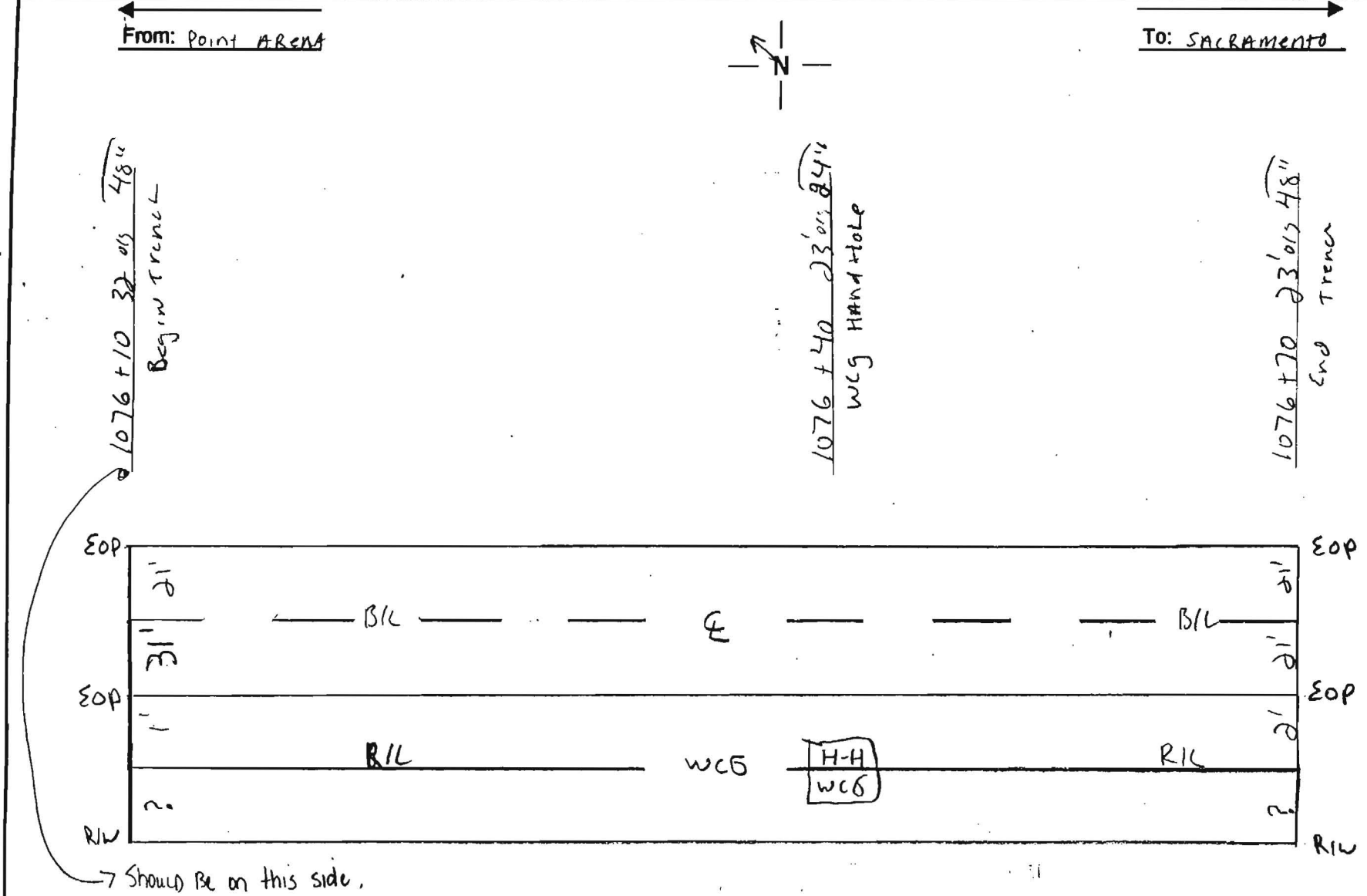
Date: 12-8

Page No. 2 of 4

Drawing #: SACR 206-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue 1 1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: JR SMITH

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 48

AFE No. 4875

Contract No. 99P154.16

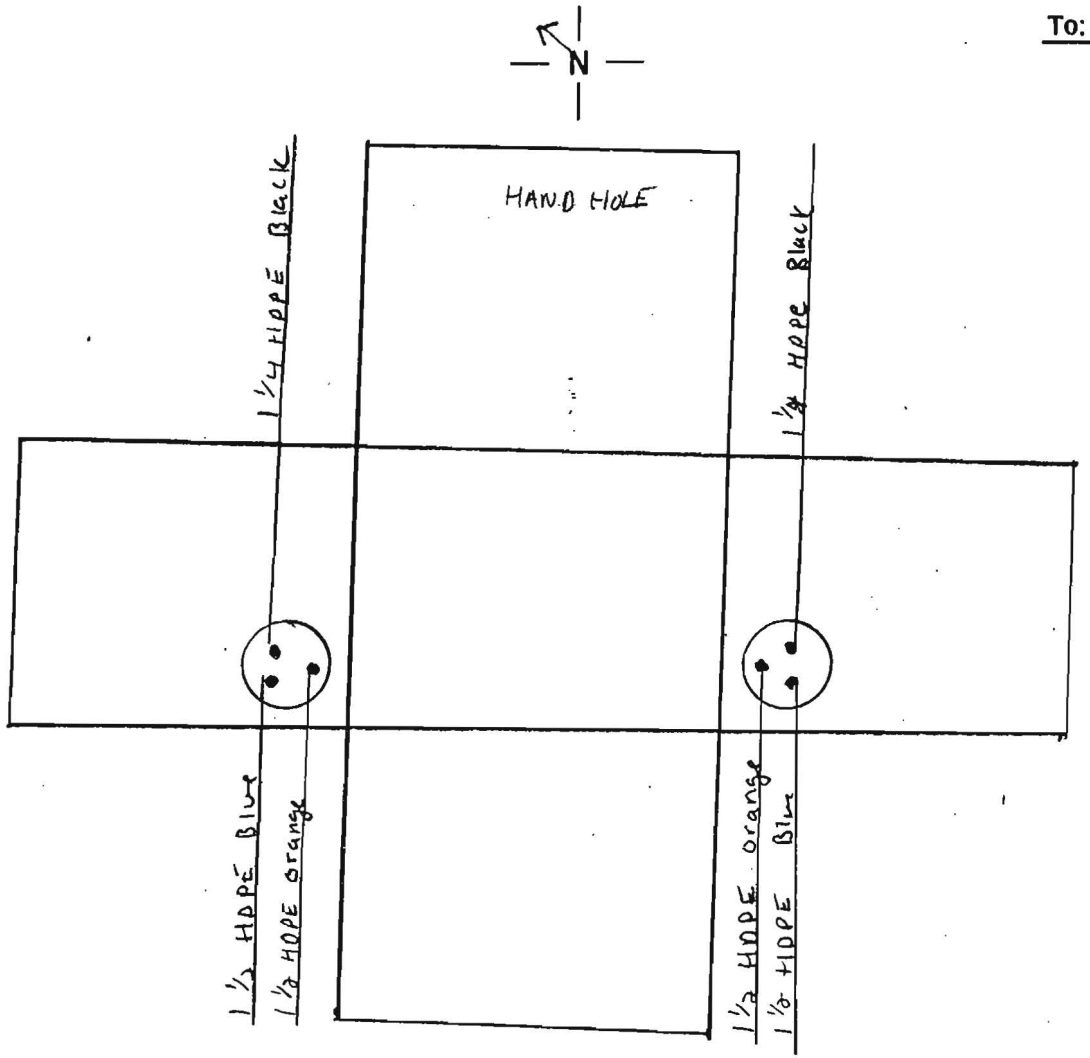
Date: 12-

Page No. 1 of

Drawing #: SALR-306-4

From: Point ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1 1/2 HDPE Orange Blue	Sonoma	Tidwell
1 1 1/4 HDPE Black	Duct Configuration:	Inspector:
		J.R. Smith

Williams Construction As-Built Documentation

Spread Location:

Spread No. S. 4B

AFE No. 4875

Contract No. 99P154.16

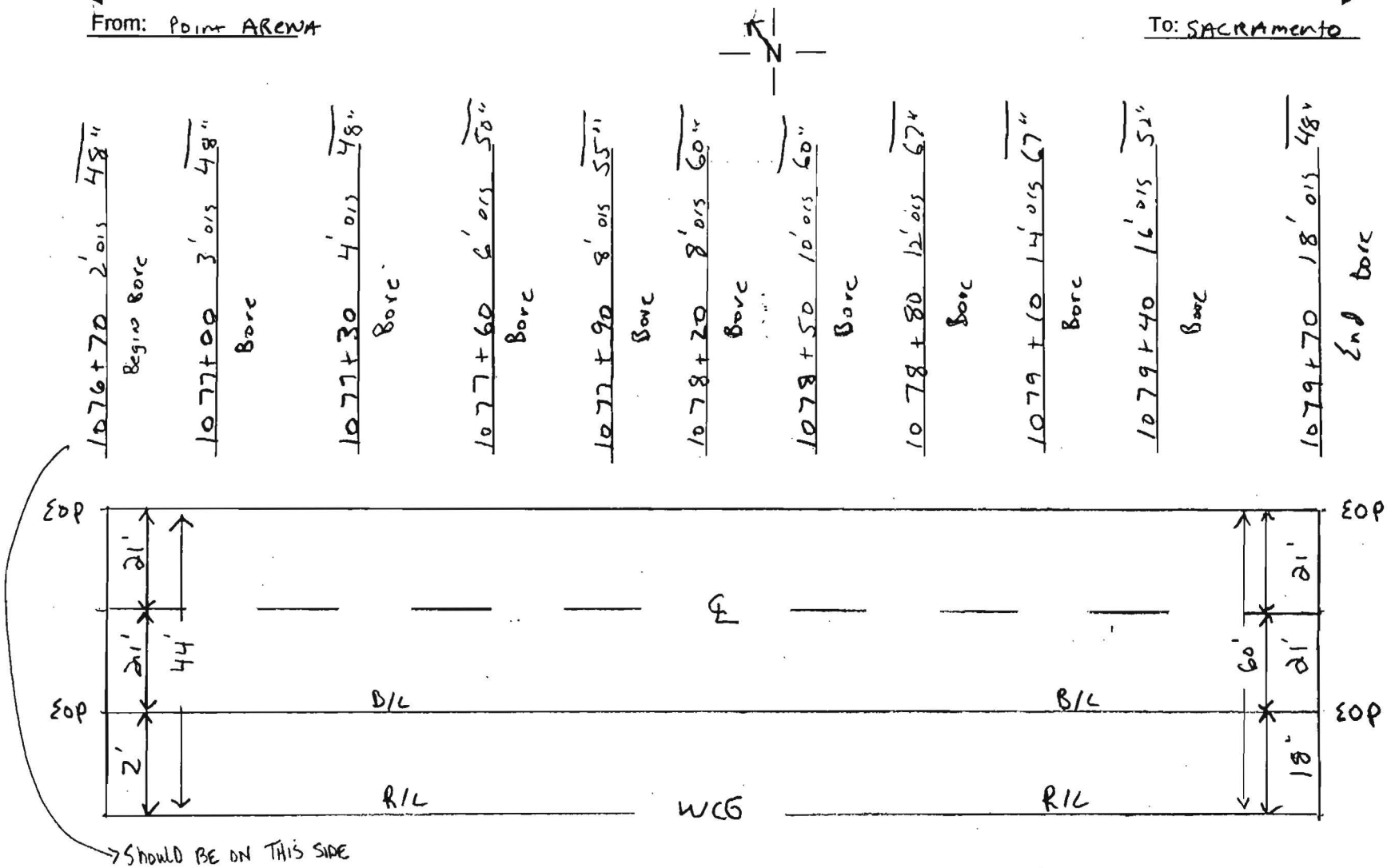
Date: 11-15

Page No. 1 of 2

Drawing #: SACR-206-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams Construction As-Built Documentation

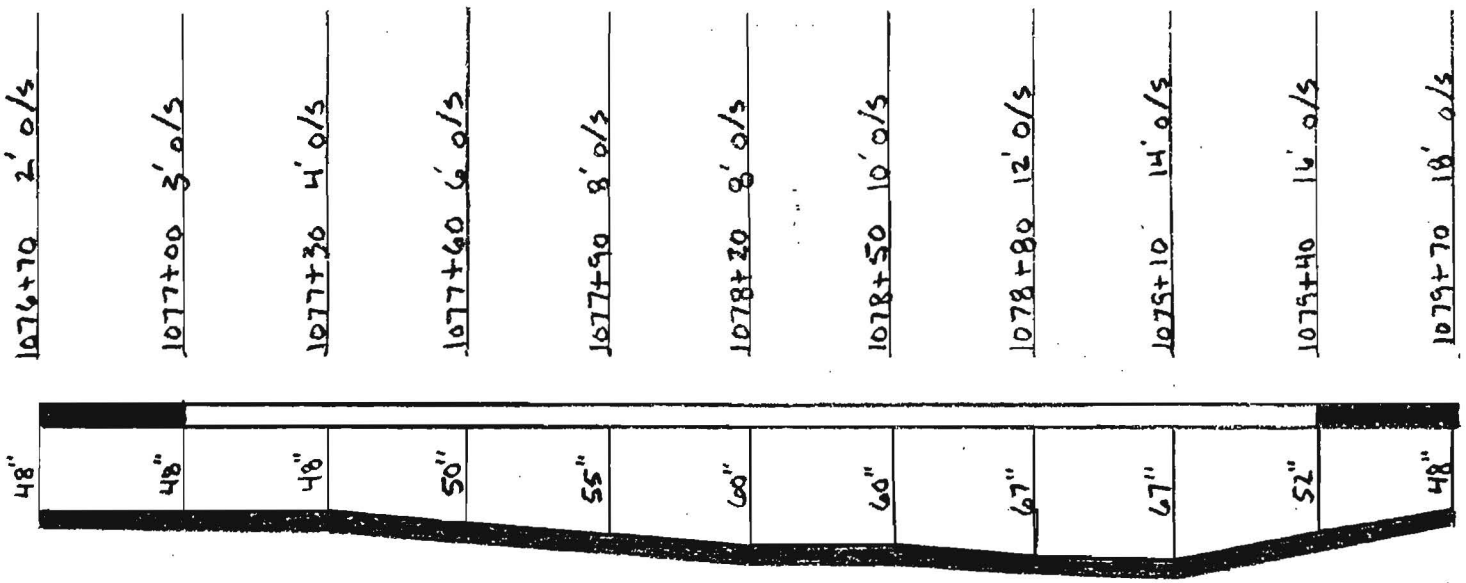
Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 11-15
Page No. 2 of 2
Drawing #:

From: Point Arena

N

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black		County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: JR Smits

Williams

Williams Construc[illegible] As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

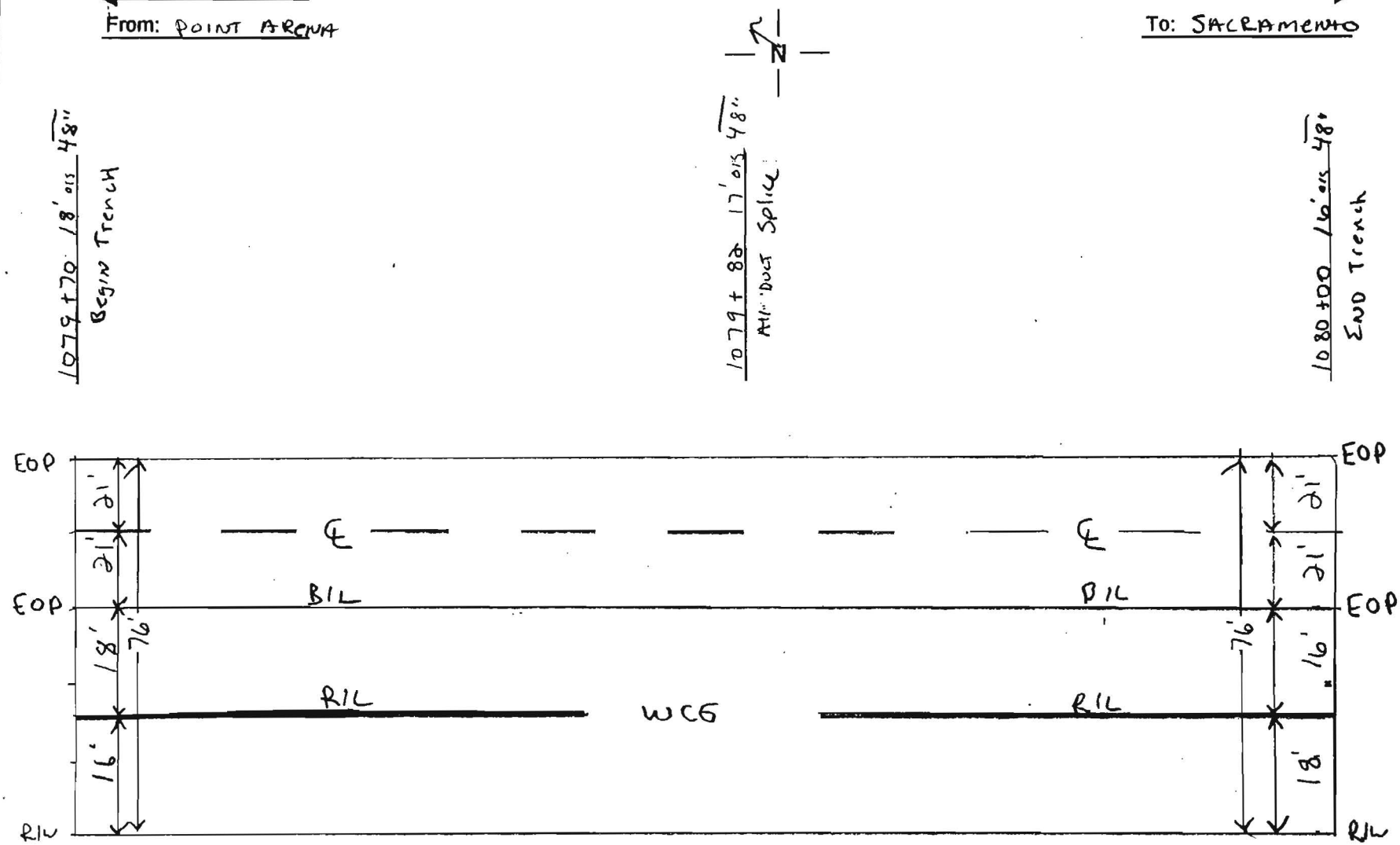
Date: 11-[illegible]0

Page No: 1 of 1

Drawing #: SACR 206-4

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1 1/2 HDPE orange Blue	Sonoma	Tidwell
1 1 1/4 HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 48

AFE No. 4875

Contract No. 99 0154.16

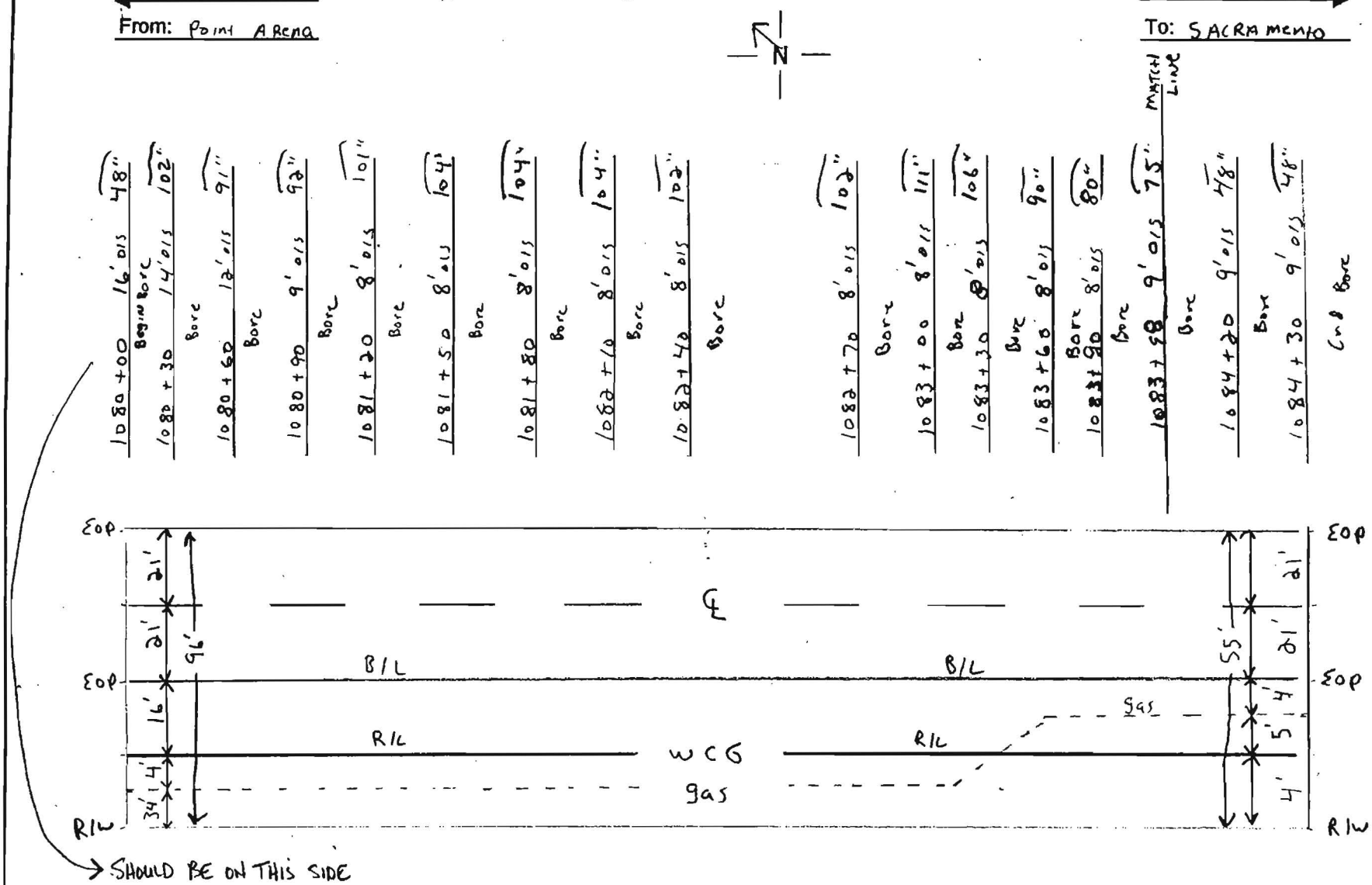
Date: 11-2.

Page No. 2 of 2

Drawing #: SACR 206-207

From: Point Arena

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE orange Blue	Sonoma	Tidwell / Pin Point
1 1¼ HDPE Black	Duct Configuration:	Inspector:
		JR Smith

Williams Construction As-Built Documentation

Spread Location:

Spread No. South YB

AFE No. 4825

Contract No. 99P154.16

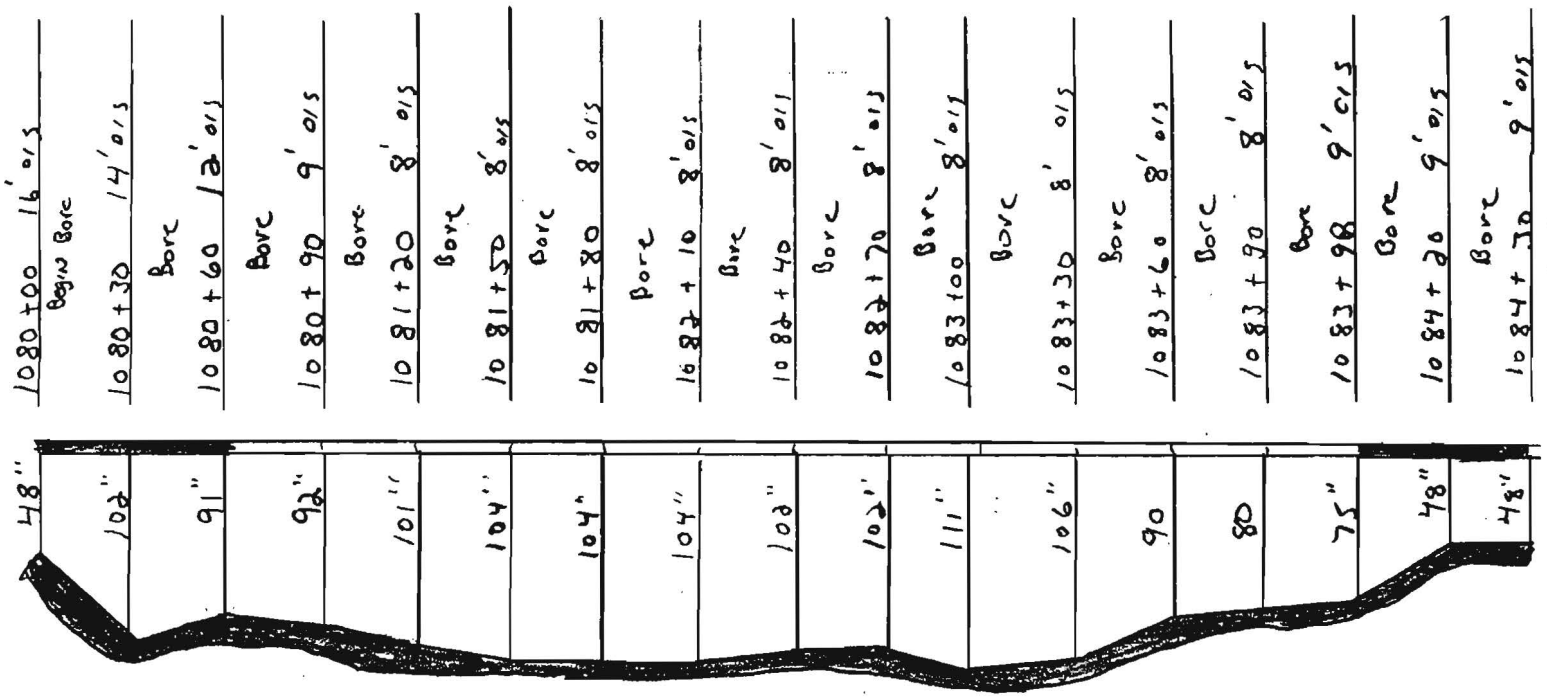
Date: 11-01

Page No. 1 of 2

Drawing #: SACR 206-207

From: POINT ARENA

To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE orange Blue	Sonoma	Tidwell / PINPOINT
1 1¼ HDPE Black	Duct Configuration:	Inspector:
		JR Smith

FIBER STATIONING

1084+03 BEGIN STEEL
1084+08 GAS LINE
1084+14 END STEEL
1084+35 SPLICE ALL DUCT
1084+63 6' RT. TELE. POLE
1084+80 BEGIN STEEL
1084+84 48' LT. FENCE CORNER
1084+94 41' LT. HEADWALL
1085+00 40' LT. CULVERT
1085+05 40' LT. HEADWALL
1085+06 50' LT. FENCE CORNER
1085+10 4' RT. HEADWALL
1085+12 16' RT. FENCE CORNER
1085+14 CULVERT
1085+16 4' RT. CULVERT
1085+22 3' RT. HEADWALL
1085+22 41' LT. CULVERT
1085+55 45' LT. UTIL. POLE
1085+57 48' DRIVEWAY
1085+76 52' LT. FENCE CORNER
1085+89 40' LT. CULVERT
1086+10 GAS LINE
1086+58 DRIVEWAY
1086+81 12' RT. FENCE CORNER
1087+23 DRIVEWAY
1087+33 9' RT. HEADWALL
1087+34 13' RT. HEADWALL
1087+47 GAS LINE
1087+54 CULVERT
1087+57 11' RT. HEADWALL
1087+89 36' LT. HEADWALL
1087+89 47' LT. FENCE CORNER
1087+89 47' LT. FENCE CORNER
1087+93 37' LT. CULVERT
1087+98 37' LT. HEADWALL
1088+00 DRIVEWAY
1088+20 12' RT. TELE. POLE
1088+22 HANDHOLE
1088+42 DRIVEWAY
1088+45 11' RT. FENCE CORNER
1088+69 GAS LINE
1089+01 DRIVEWAY
1089+58 SPLICE ALL DUCT
1089+58 36' LT. UTIL POLE
1090+42 GAS LINE
1090+57 DRIVEWAY
1090+27 FIBER MARKER
1091+09 19' RT. TELE. POLE
1091+11 39' LT. UTIL POLE
1091+22 38' LT. CULVERT
1091+27 47' LT. FENCE CORNER
1091+52 40' LT. CULVERT
1091+94 7' RT. HEADWALL
1092+01 20' RT. FENCE CORNER
1092+07 7' RT. HEADWALL
1092+09 CULVERT
1092+33 20' RT. FENCE CORNER
1092+36 38' LT. HEADWALL
1092+43 DRIVEWAY
1092+44 45' LT. HEADWALL
1092+45 45' LT. UTIL POLE
1092+52 14' RT. TELE. POLE
1092+68 DRIVEWAY
1092+73 GAS LINE
1092+88 50' LT. CULVERT
1093+01 END STEEL
1093+07 65' LT. FENCE CORNER
1093+22 64' LT. FENCE CORNER
1093+49 47' LT. CULVERT
1094+15 SPLICE ALL DUCT
1094+08 9' RT. TELE. POLE
1094+19 56' LT. FENCE CORNER
1094+31 47' LT. CULVERT
1094+56 53' LT. UTIL POLE
1094+57 58' LT. FENCE CORNER
1094+80 58' LT. FENCE CORNER
1094+85 47' LT. CULVERT
1095+52 6' RT. TELE. POLE
1095+59 9' RT. FENCE CORNER

#1 #2 #3 #4 ROAD STATIONING

POINT ARENA ← | SONOMA COUNTY CALIFORNIA | → SACRAMENTO

D-SANTA ROSA-R | D-SANTA ROSA-S | D-SANTA ROSA-T

MATCH LINE SHT. 206-SPRD 4 1083+98

SHT. 208-SPRD 4 MATCH LINE 1095+98

9"DIS 48" 10"DIS 48" L CREEK R/W ASPHALT DRIVE 12' 57' 74' R/W R/W R/W 6"DIS 48" 6"DIS 48" R/W R/W 11"DIS 48" 12"DIS 48" ASPHALT DRIVE ASPHALT DRIVE ASPHALT DRIVE 88' 17'

Centerline of pavement PETALUMA HILL ROAD Centerline of pavement

1086+00 1086+50 1087+00 1087+50 1088+00 1088+50 1089+00 1089+50 1090+00 1090+50 1091+00 1091+50 1092+00 1092+50 1093+00 1093+50 1094+00 1094+50 1095+00 1095+50

DIRECTIONAL DRILL 34' 8' R/W 5' G ASPHALT DRIVE ASPHALT DRIVE ASPHALT DRIVE ASPHALT DRIVE ASPHALT DRIVE 5' G ASPHALT 3' DIRECTIONAL DRILL ASPHALT DRIVE ASPHALT DRIVE 5' WOODED AREA 34' 5'

CL CREEK

WILLIAMS FIBER ROUTE

D-SANTA ROSA-T

RIGHT-OF-WAY BY OCCUPATION

1083+98	1084+70	1084+80	1085+00	1085+14	1085+40	1085+94	1086+20	1086+57	1086+94	1087+10	1087+69	1087+94	1088+30	1088+94	1089+30	1089+58	1090+00	1090+40	1090+90	1091+20	1091+50	1091+80	1092+40	1092+70	1093+00	1093+50	1093+80	1094+10	1094+20	1094+80	1095+10	1095+40	1095+70	1095+98
9'DIS 48"	9'DIS 57"	8'DIS 60"	CULVERT	7'DIS 70"	7'DIS 136"	6'DIS 136"	6'DIS 135"	6'DIS 124"	6'DIS 126"	6'DIS 130"	6'DIS 137"	CULVERT	6'DIS 140"	6'DIS 144"	6'DIS 144"	6'DIS 120"	END BORE / REG. TRENCH	6'DIS 48"	EXIST. / ROCK TRENCH	6'DIS 30"	6'DIS 100"	6'DIS 106"	6'DIS 120"	6'DIS 150"	7'DIS 140"	7'DIS 162"	CULVERT 24"	8'DIS 180"	8'DIS 162"	9'DIS 140"	10'DIS 120"	11'DIS 100"	11'DIS 30"	11'DIS 70"	10'DIS 75"	8'DIS 30"	8'DIS 30"	8'DIS 28"	8'DIS 32"
10884+70	10884+80	10885+00	10885+14	10885+40	10885+94	10886+20	10886+57	10886+94	10887+10	10887+69	10887+94	10888+30	10888+94	10889+30	10889+58	10890+00	10890+40	10890+90	10891+20	10891+50	10891+80	10892+40	10892+70	10893+00	10893+50	10893+80	10894+10	10894+20	10894+80	10895+10	10895+40	10895+70	10895+98	
END BORE / REG. TRENCH / EXIST. BORE	BEG. TRENCH / EXIST. BORE	END TRENCH / EXIST. BORE																										END TRENCH	BEG. TRENCH / EXIST. BORE					

96 - LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

1083+98 to 1084+30	1084+80 to 1084+90	1084+90 to 1085+40	1085+40 to 1085+94		1085+94 to 1086+57	1086+57 to 1087+10	1087+10 to 1087+69	1087+69 to 1088+30
32'	10'	490'	40'		331'	109'	60'	178'
1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11.27.00 PIN POINT DRLG	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11.28.00 TIDWELL	1.11 E3.21 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11.29.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS RL.01.00 TIDWELL	6GA. TRACER WIRE JEB SINCRUSH 6-15-01 IN BLACK 1.25" HDPE	1.11 E3.21 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11.29.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11.29.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11.29.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 11.29.00 PIN POINT DRLG.

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

Interstate Hwy.		Regen Site	
U.S. Hwy.		P.O.P./Jct.	
State Hwy.		Handhole Splice	
County Road		Handhole	
RR Mile Mkr.		Manhole Splice	
Misc. Road Sign		Manhole	
New Fiber Cable		SS Manhole	
Township Line		Power Pole	
City Limits		Water Valve / Meter	
R/W Line		Gas Valve / Meter	
River/Stream		Signal Pole	
CL Road		Fire Hydrant	
CL RR Tracks		Gas Marker	
Fence			
Oil Pipeline		Oil Marker	
Gas Pipeline			
Power Line		Fiber Marker	
Water Line			
San. Sewer		Water Inlet	
Storm Drain			
Telephone Line			
BLP. Black Iron Pipe			
GLP. Galvanized Iron Pipe			
EP Edge of Pavement			
EG Edge of Gravel			
FC Face of Curb			
FL Fog Line end/or White Line			

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION
- CABLE FIBER COUNT MFG. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
- INNERDUCT & TYPE (COBR/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE UNIT PLACE
- FUTURE-2
- FUTURE-3
- FUTURE-4

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY :	B&V	DATE : 03/10/00
CHECKED BY :	B&V	DATE : 03/10/00
APPROVED BY :		DATE :
APPROVED BY :		DATE :
AFE : 4113	LOC. CODE :	
HORIZONTAL SCALE (DWG & PROF) :	1"=100'	
VERTICAL SCALE (DWG) :		
VERTICAL SCALE (PROF) :		
MAP PROJECTION :		

DRAWING NUMBER : SACR-207-SPRD 4

Williams Construct... As-Built Documentation

Spread Location:

Spread No. South 48

AFE No. 487.5

Contract No. 99P154.16

Date: 11-... 2

Page No. 1 of ...

Drawing #: SNCR 207 -4

From: POINT ARENA

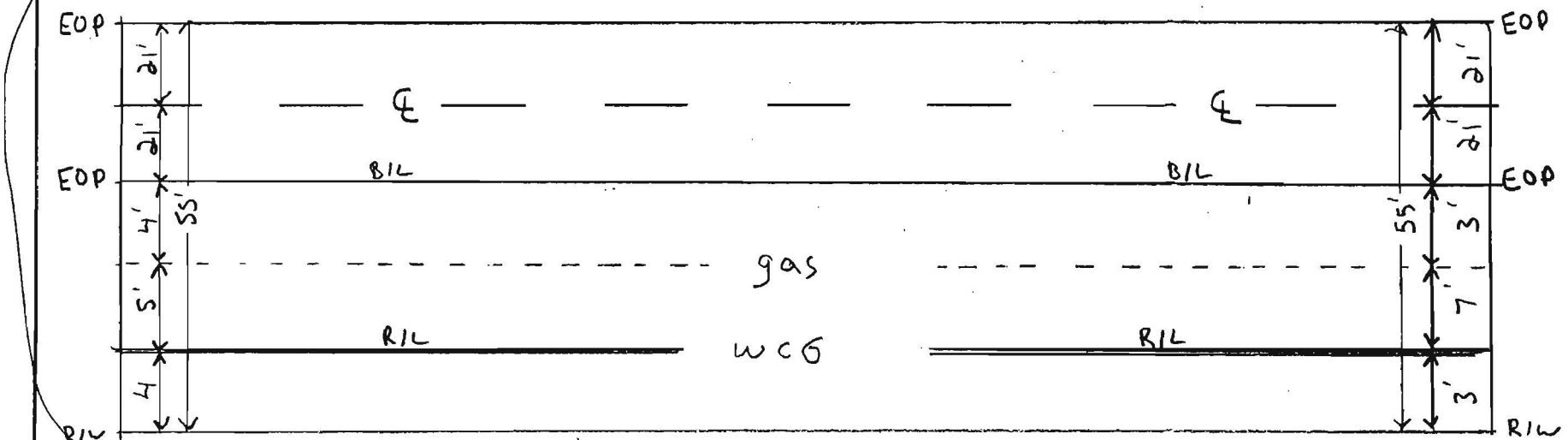
N

To: SACRAMENTO

1084+30 9' o/s 48" Begin Trench

1084+35 10' o/s 48" At Duct Splice

1084+40 10' o/s 48" End Trench



Should be on this side

Notes:	County:	Contractor:
∂ 1½ HDPE orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams

Williams Construct... As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 11-...00

Page No. 2 of 2

Drawing #: SACR 207-4

From: POINT ARENA — To: SACRAMENTO

N

Beg Bore 1084+40 10"/s 48"

Bore 1084+70 9"/s 57"

Bore 1085+00 8"/s 60"

Culvert 1085+14 24"

Bore 1085+30 7"/s 70"

Bore 1085+60 7"/s 136"

Bore 1085+90 6"/s 134"

Bore 1086+30 6"/s 133"

Bore 1086+50 6"/s 124"

Bore 1086+80 6"/s 126"

Bore 1087+10 6"/s 130"

Bore 1087+40 6"/s 137"

Culvert 1087+54 28"

Bore 1087+70 6"/s 146"

Bore 1088+00 6"/s 144"

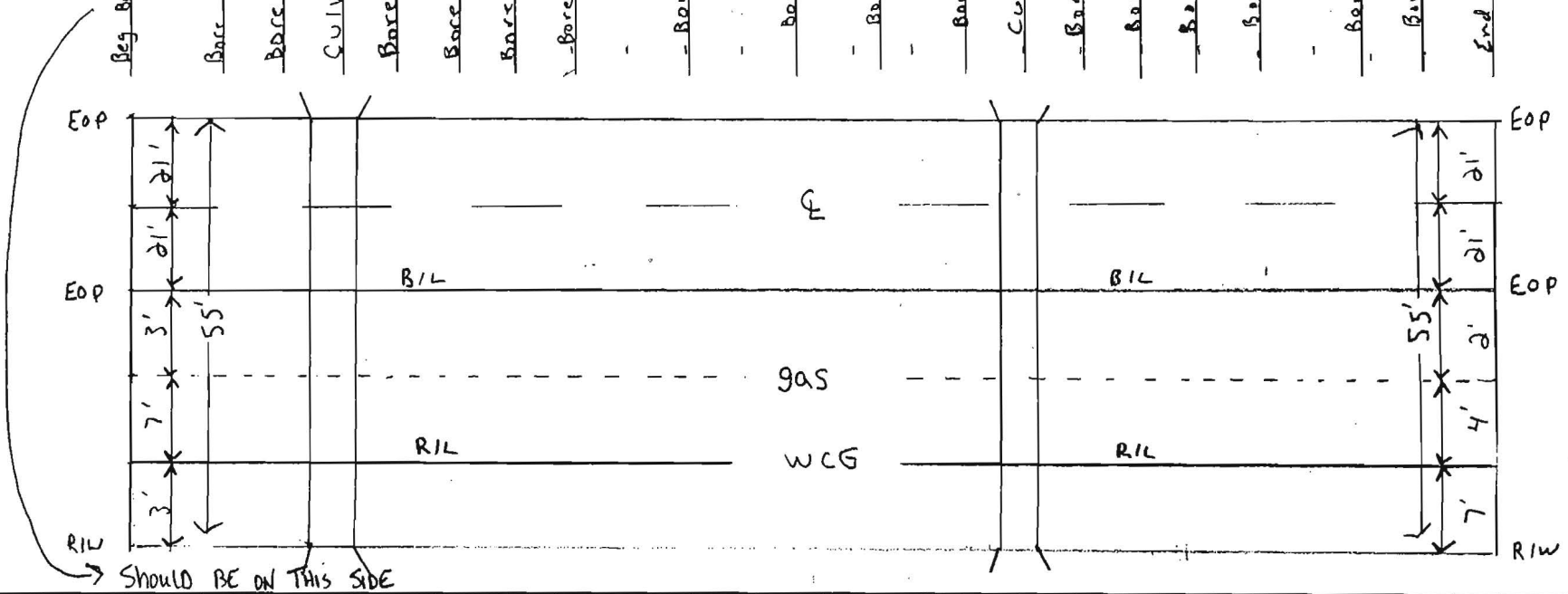
Bore 1088+30 6"/s 146"

Bore 1088+60 6"/s 144"

Bore 1088+90 6"/s 130"

Bore 1089+20 6"/s 75"

End Bore 1089+30 6"/s 48"



Notes:	County:	Contractor:
2 1½ HDPE orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Construct[illegible] As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

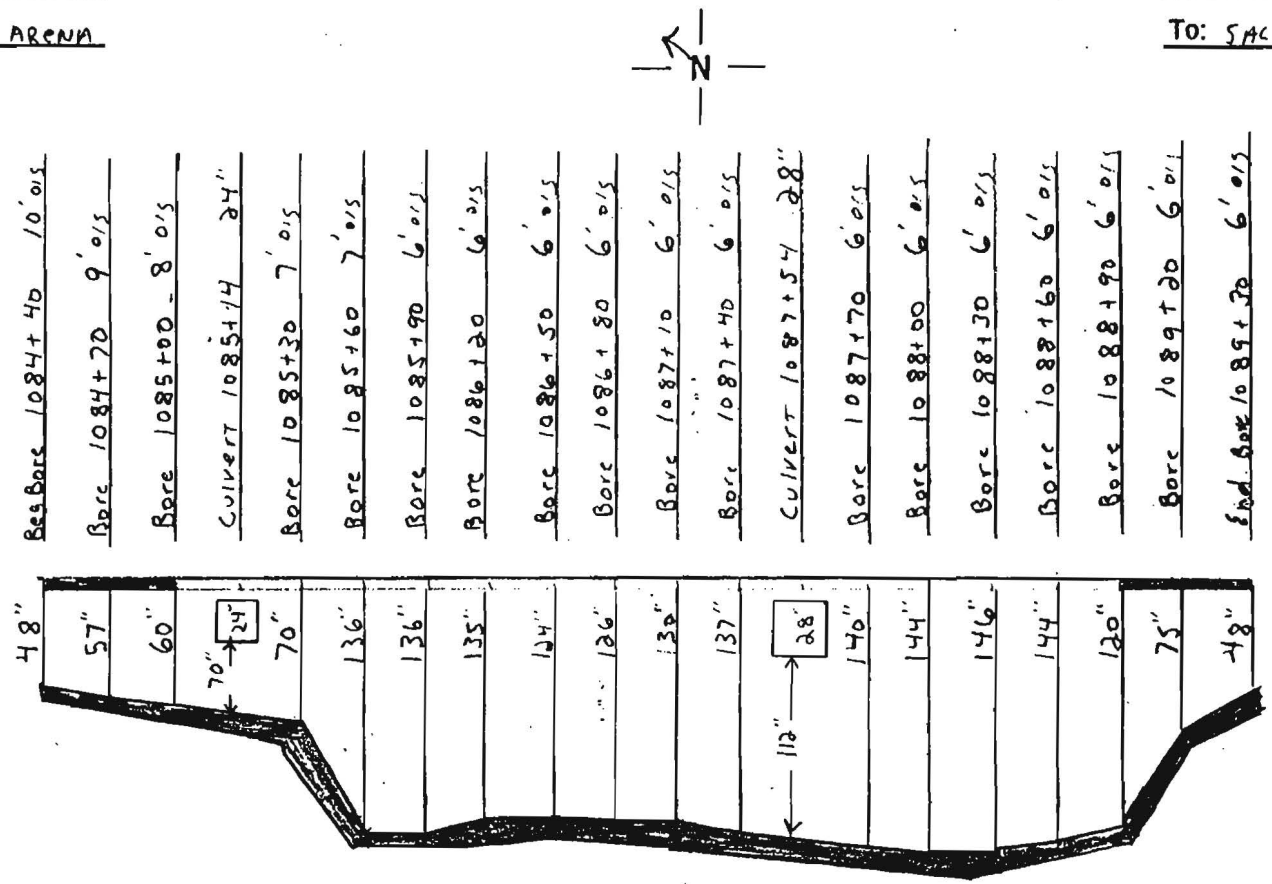
Date: 11-2[illegible]

Page No. 1 of [illegible]

Drawing #: SACR - 207.4

From: Point ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMITS

Williams

Williams Construc... As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

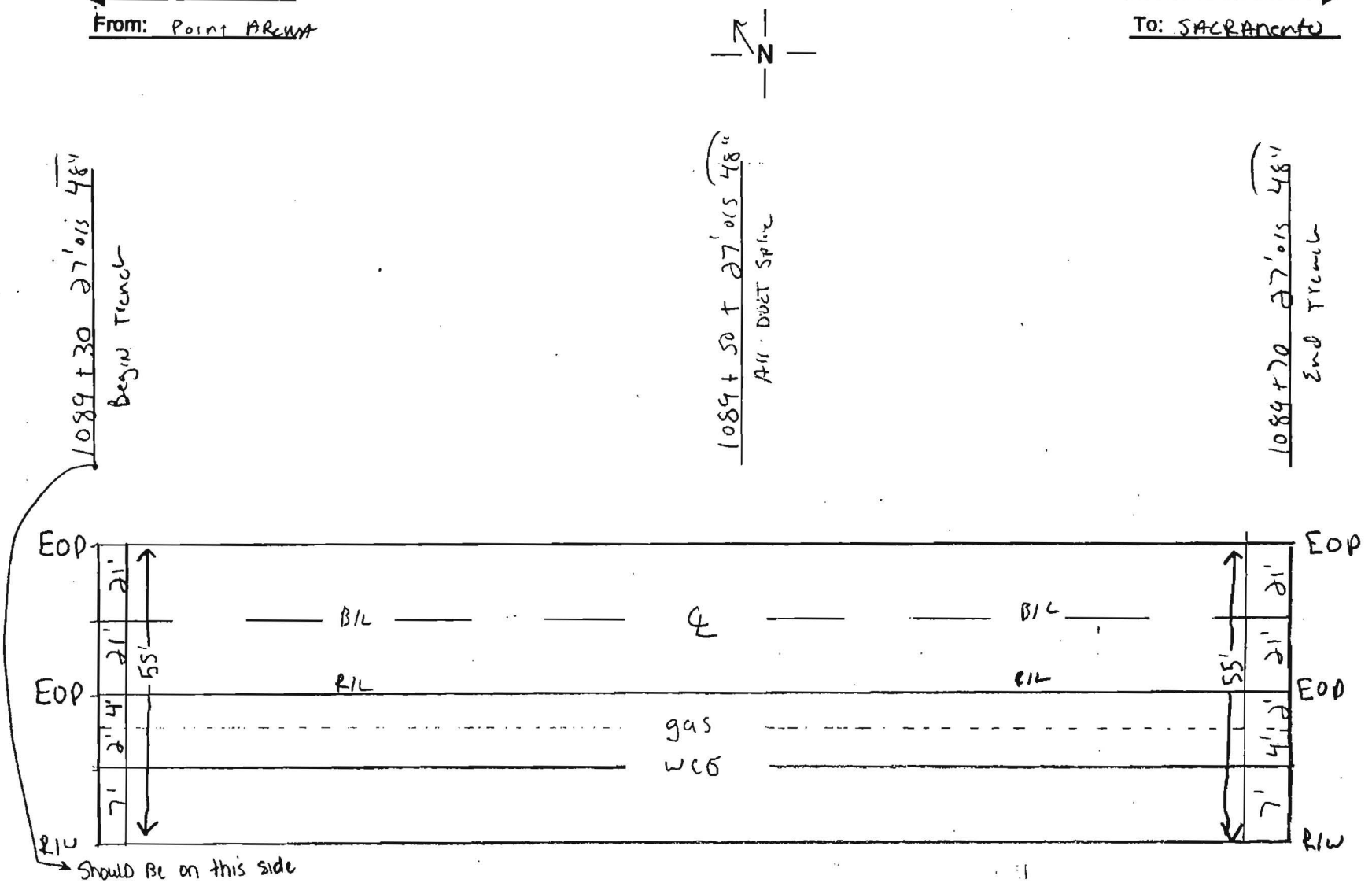
Date: 10-0...

Page No. 1 of ...

Drawing #: SACR 207-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE Orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams

Williams Construct... As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 11-... 0

Page No. 1 of 2

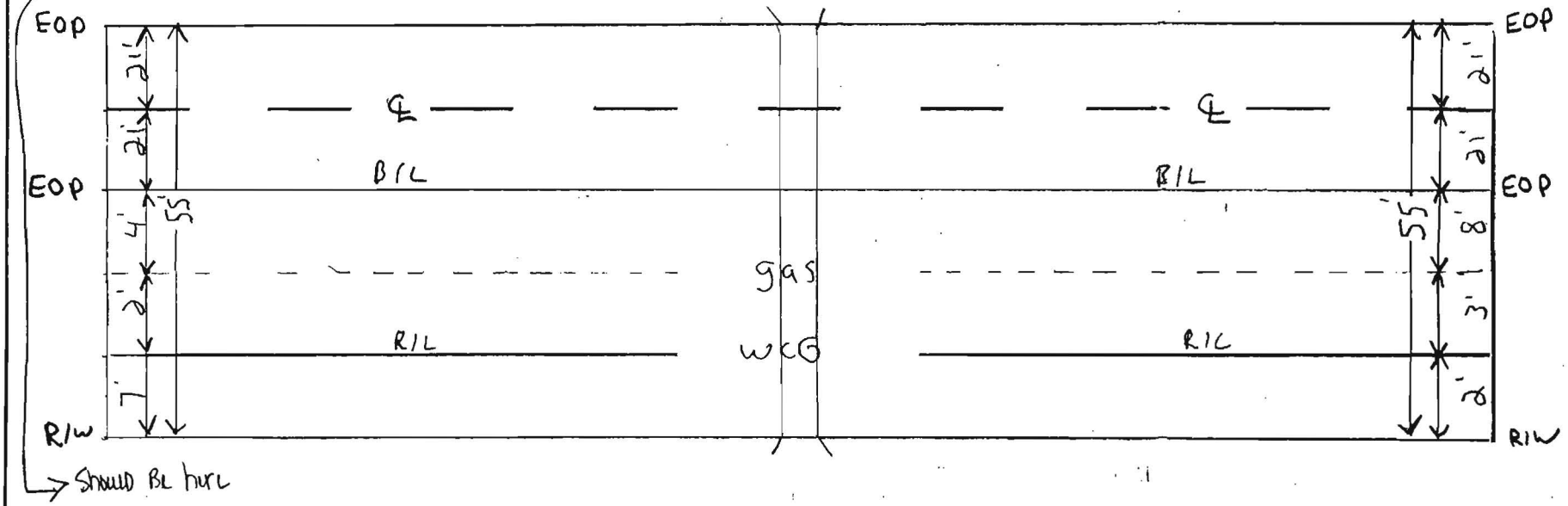
Drawing #: SACR 207-4

From: POINT ARENA

To: SACRAMENTO

N

1089+70 6' O/S 48" Bore
1090+00 6' O/S 80" Bore
1090+30 6' O/S 100" Bore
1090+60 6' O/S 106" Bore
1090+90 6' O/S 120" Bore
1091+20 6' O/S 130" Bore
1091+50 7' O/S 140" Bore
1091+80 7' O/S 162" Bore
1092+09 36" Culvert
1092+10 8' O/S 180" Bore
1092+40 8' O/S 182" Bore
1092+70 8' O/S 162" Bore
1093+00 9' O/S 140" Bore
1093+30 10' O/S 120" Bore
1093+60 11' O/S 100" Bore
1093+90 11' O/S 80" Bore
1094+10 16' O/S 45" End Bore



Notes:	County:	Contractor:
2 1½ HDPE orange Blue 1 1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: JR SMITS

Williams Construct... As-Built Documentation

Spread Location:

Spread No. South 48

AFE No. 4875

Contract No. 998154.16

Date: 11-2

Page No. 2 of 2

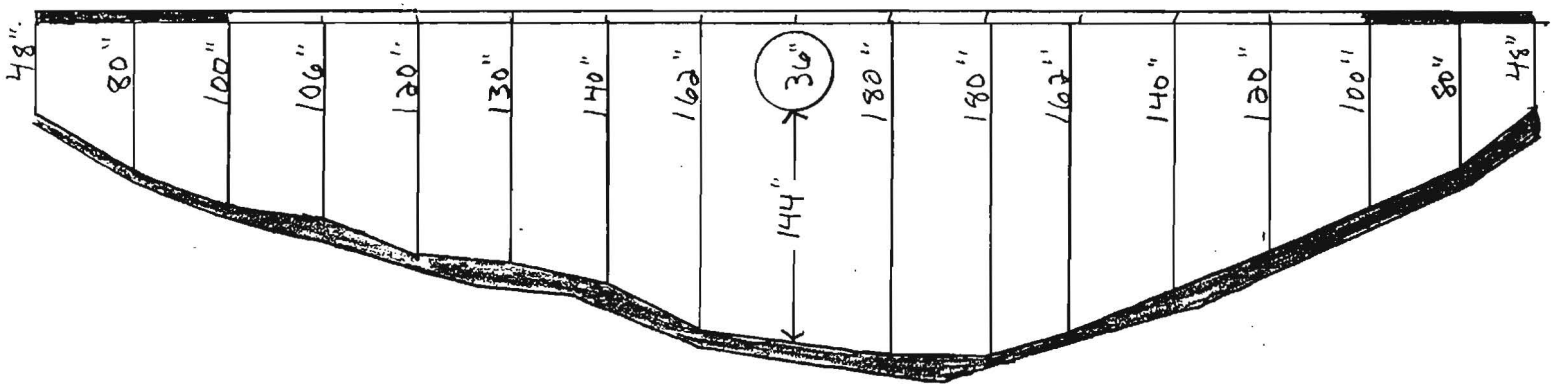
Drawing #: SACR-207-4

From: POINT ARENA

N

To: SACRAMENTO

1089+70	6' O/S Begin Bore
1090+00	6' O/S Bore
1090+30	6' O/S Bore
1090+60	6' O/S Bore
1090+90	6' O/S Bore
1091+20	6' O/S Bore
1091+50	7' O/S Bore
1091+80	7' O/S Bore
1092+09	36" Culvert
1092+10	8' O/S Bore
1092+40	8' O/S Bore
1092+70	8' O/S Bore
1093+00	9' O/S Bore
1093+30	10' O/S Bore
1093+60	11' O/S Bore
1093+90	11' O/S Bore
1094+10	11' O/S End Bore



Notes:	County:	Contractor:
2 1½ HDPE Orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams Construct... As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

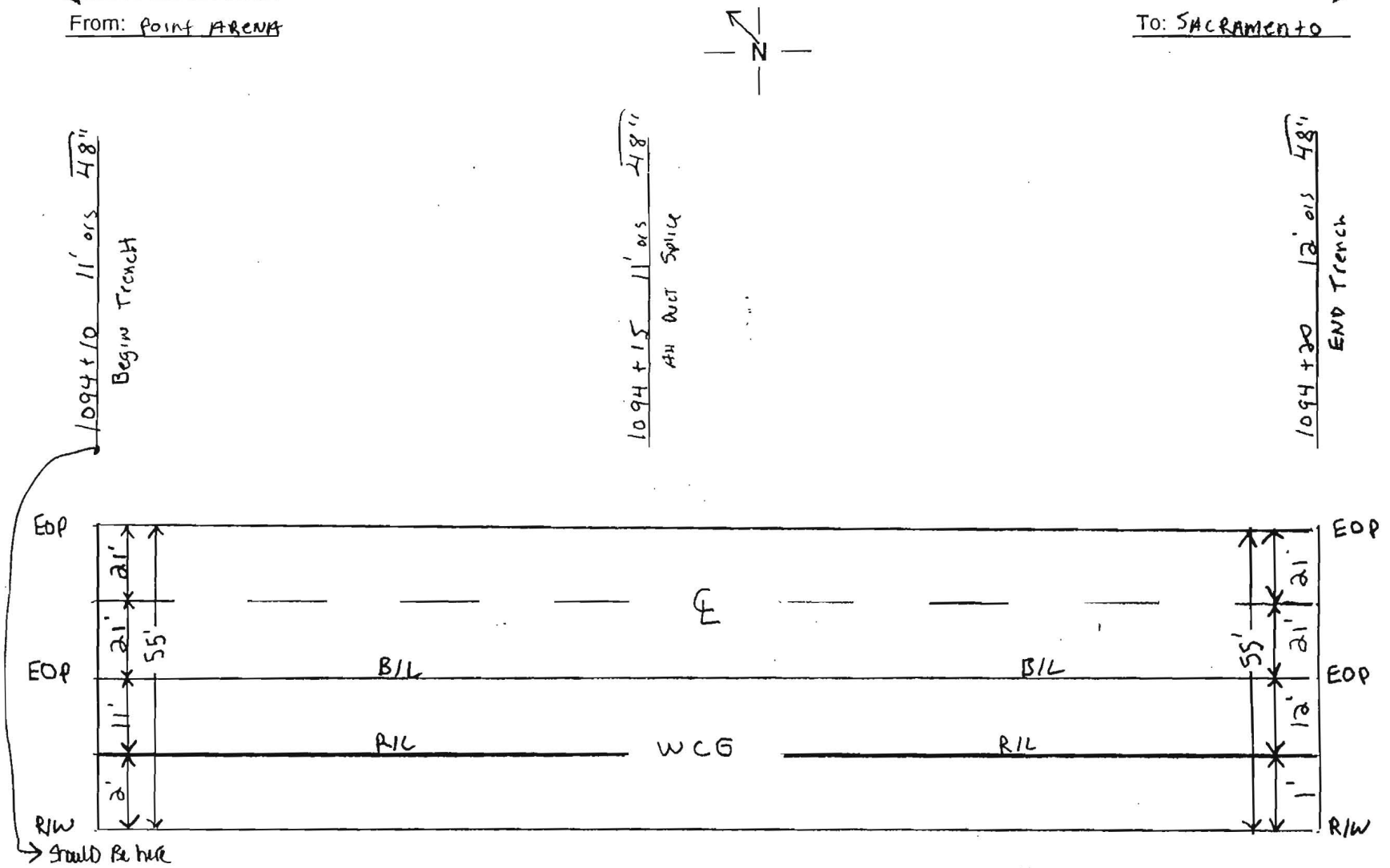
Date: 11-2-

Page No. 1 of 1

Drawing #: SALR - 207 - 4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue 1 1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: JR Smits

Williams Construct... As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 11-2...

Page No. 1 of 2

Drawing #: SACR-207.208-4

From: POINT ARENA

To: SACRAMENTO

N

1094+20 12' ois 48" Beg Bore

1094+50 11' ois 70" Bore

1094+80 10' ois 75" Bore

1095+10 8' ois 80" Bore

1095+40 8' ois 80" Bore

1095+70 8' ois 80" Bore

1095+98 8' ois 82" MAINLINE

1096+00 8' ois 85" Bore

1096+30 7' ois 87" Bore

1096+60 7' ois 93" Bore

1096+90 5' ois 100" Bore

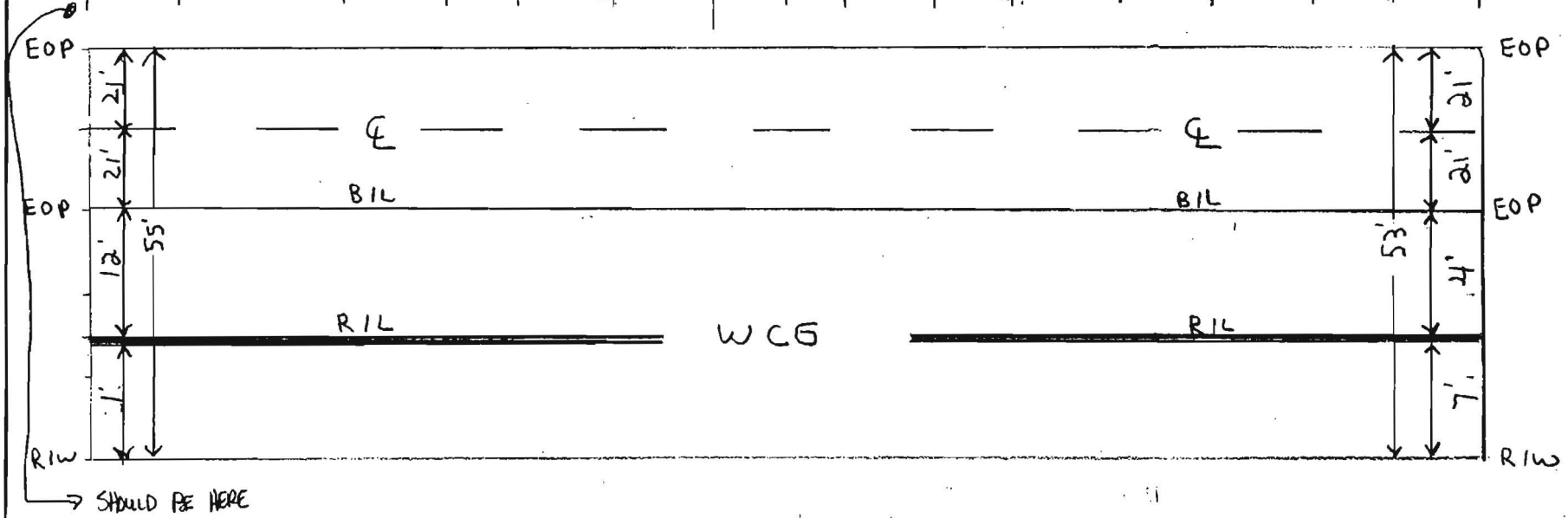
1097+20 5' ois 106" Bore

1097+50 4' ois 85" Bore

1097+80 4' ois 80" Bore

1098+10 4' ois 70" Bore

1098+20 4' ois 48" End Bore



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell / Pin Point
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams

Williams Construct[illegible] As-Built Documentation

Spread Location:

Spread No. South 48

AFE No. 4875

Contract No. 99P154.16

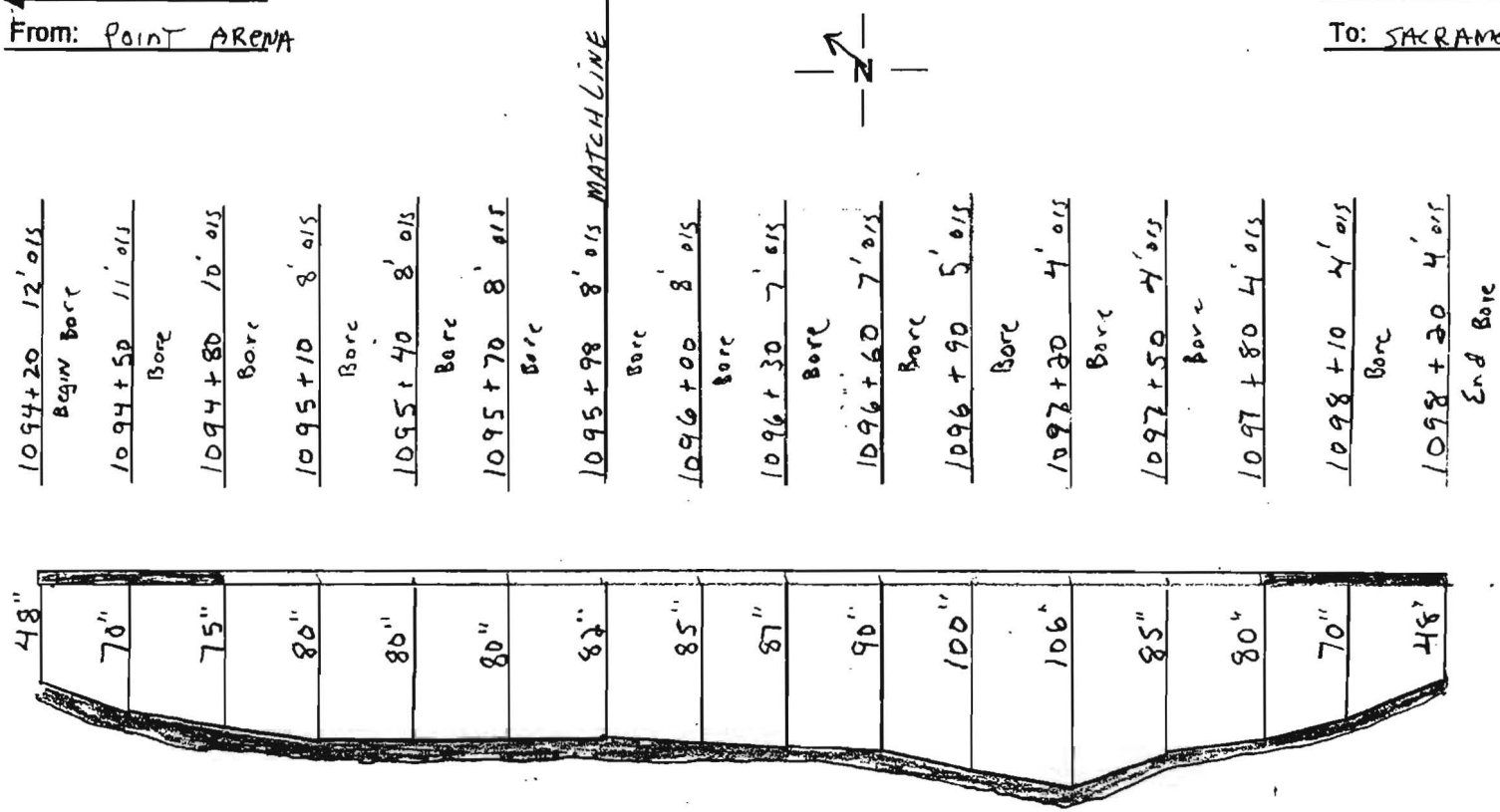
Date: 11-2[illegible]

Page No. 2 of 2

Drawing #: SACR 207, 208-4

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE orange Blue	Sonoma	Tidwell / PIN POINT
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

FIBER STATIONING

1096+30 BEGIN STEEL
1096+84 12' RT. TELE. POLE
1096+88 48' LT. UTIL POLE
1097+12 FIBER MARKER
1097+45 FIBER MARKER
1097+88 DRIVEWAY
1098+16 8' RT. TELE. POLE
1098+16 11' RT. FENCE CORNER
1098+16 14' RT. TELE. POLE
1098+46 34' LT. CULVERT
1098+77 34' LT. CULVERT
1099+25 ALL DUCT STRUCT
1099+41 END STEEL
1099+78 7' RT. TELE. POLE
1099+67 86' LT. UTIL POLE
1099+82 8' RT. FENCE CORNER
1101+14 17' RT. TELE. POLE
1102+63 10' RT. TELE. POLE
1103+06 86' LT. UTIL POLE
1103+35 ALL DUCT STRUCT
1103+50 4' LT. TELE. POLE
1104+33 FIBER MARKER
1104+75 89' LT. FENCE CORNER
1104+80 BEGIN STEEL
1104+95 8' LT. HEADWALL
1105+04 CREEK BOX CULVERT
1105+07 6' LT. HEADWALL
1105+19 5' LT. HEADWALL
1105+21 END STEEL
1105+35 58' LT. HEADWALL
1105+44 56' LT. BOX CULVERT
1105+52 4' LT. TELE. POLE
1105+53 55' LT. HEADWALL
1105+69 DRIVEWAY
1106+83 5' LT. TELE. POLE
1107+22 61' LT. UTIL POLE
1107+65 29' RT. UTIL POLE
1107+80 ALL DUCT STRUCT
1107+90 52' LT. CULVERT

ROAD STATIONING

#4 #5 #1 #2 #7 #6 #3

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

#4 MP
#5 MP
#1 MP (OIS FROM 4L.)
#2 MP (OK'S FROM 4L.)
#7 MP (OK'S FROM EOP)
#6 MP
#3 MP

D-SANTA ROSA-L

MATCH LINE
SHT. 207-SPRD 4 1095+34
1095+98

PETALUMA HILL ROAD
ASPHALT DRIVE
ASPHALT DRIVE
ASPHALT DRIVE
GRAVEL DRIVE
WOODED AREA
C/L CREEK
Centerline of pavement
R/W
XR/W
4'0IS 48"
24'0IS 48"
25'0IS 48"
4'0IS 48"
BEG TRENCH
END TRENCH
BORE TRENCH
END TRENCH
BEG TRENCH
END TRENCH

PROPOSED WILLIAMS FIBER ROUTE

MATCH LINE
SHT. 209-SPRD 4 1107+94

| | | |

Williams Construction As-Built Documentation

Spread Location:
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

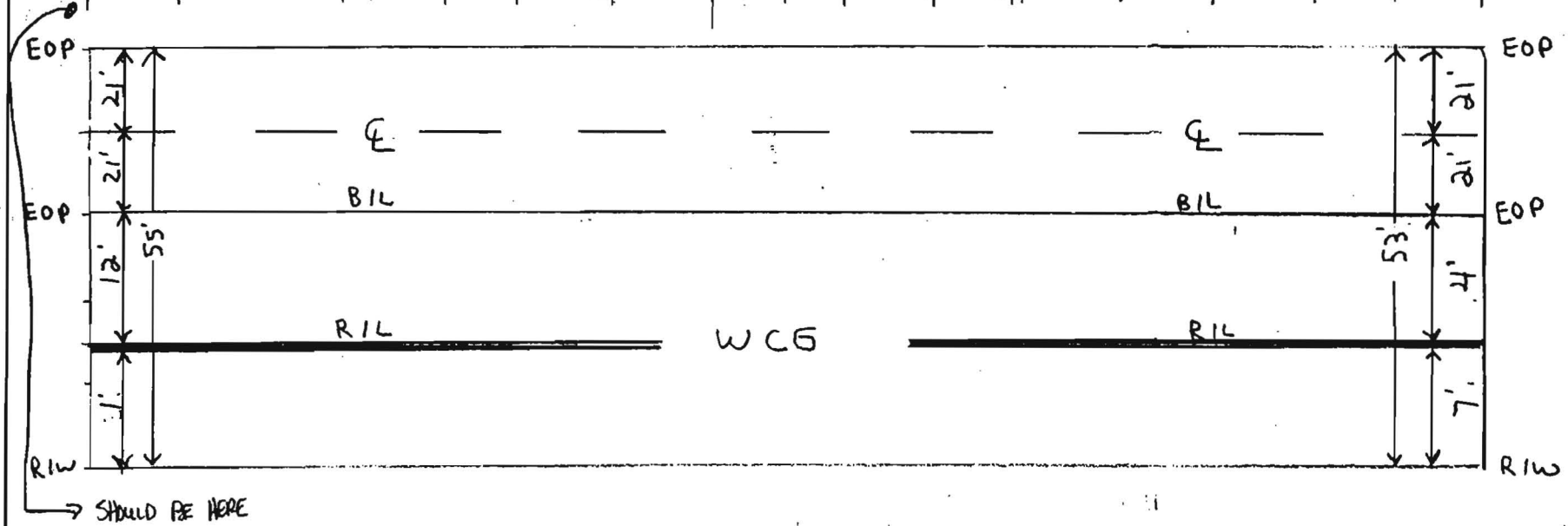
Date: 11-
Page No. 1 of 2
Drawing #: SACR-207.208-4

From: POINT ARENA

To: SACRAMENTO

N

1094+20 12' ois 48" beg bore
1094+50 11' ois 70" Bore
1094+80 10' ois 75" Bore
1095+10 8' ois 80" Bore
1095+40 8' ois 80" Bore
1095+70 8' ois 80" Bore
1095+98 8' ois 82" MATCHLINE
1096+00 8' ois 85" Bore
1096+30 7' ois 87" Bore
1096+60 7' ois 93" Bore
1096+90 5' ois 100" Bore
1097+20 5' ois 106" Bore
1097+50 4' ois 85" Bore
1097+80 4' ois 80" Bore
1098+10 4' ois 70" Bore
1098+20 4' ois 48" End Bore



Notes:	County:	Contractor:
2 1½ HDPE orange, DIVE	Sonoma	Tidwell / Pin Point
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams

Williams Construc[illegible] As-Built Documentation

Spread Location:

Spread No. South 48

AFE No. 4875

Contract No. 99P154.16

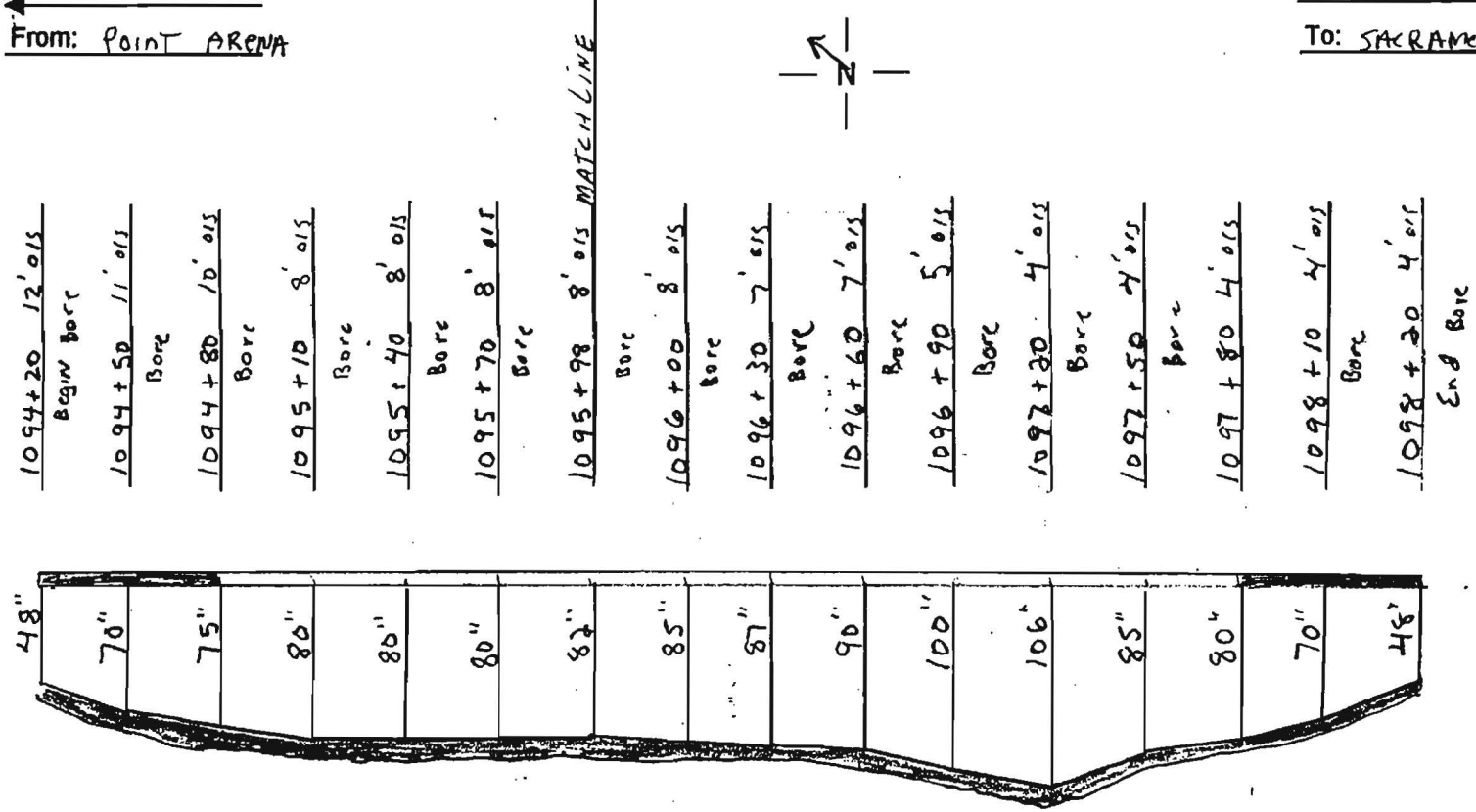
Date: 11-[illegible]

Page No. 2 [illegible]

Drawing #: SACR 207, 208-4

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE orange Blue	Sonoma	Tidwell / PIN POINT
1 1¼ HPPE Black	Duct Configuration:	Inspector: JR Smits

Williams

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

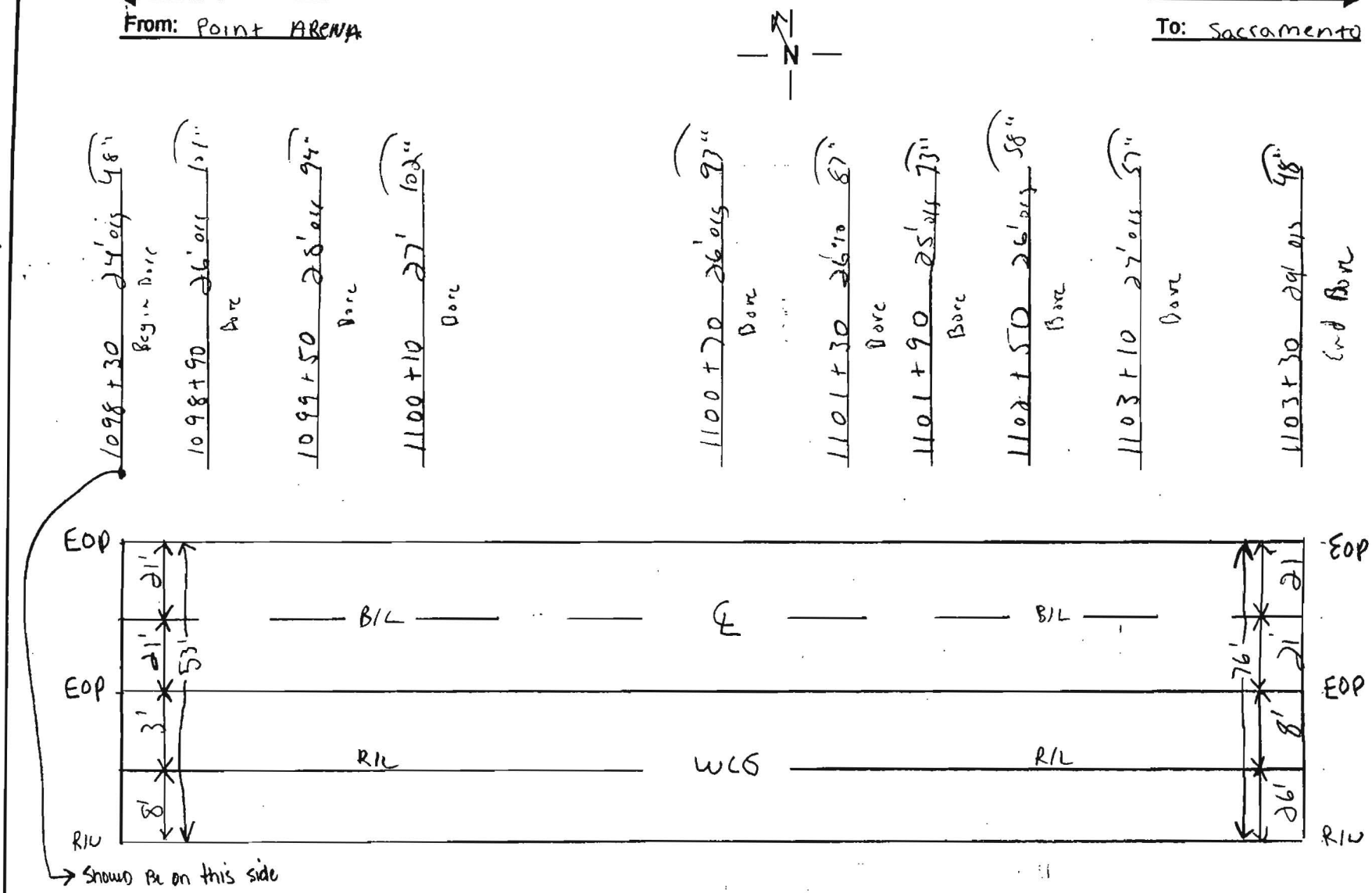
Date: 12-[illegible]0

Page No. 1 of [illegible]

Drawing #: SACR-208+4

From: Point ARENA

To: Sacramento



Notes:	County:	Contractor:
2 1/2 HDPE Orange Blue	Sonoma	Tidwell / AN Point
1 1 1/4 HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams Construc... As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99154.16

Date: 12-...

Page No. 2 ...

Drawing #: SACR 208-4

From: POINT ARENA

To: SACRAMENTO

N

1098+30 24' o/s Begin Bore

1098+90 26' o/s Bore

1099+50 25' o/s Bore

1100+10 27' o/s Bore

1100+70 26' o/s Bore

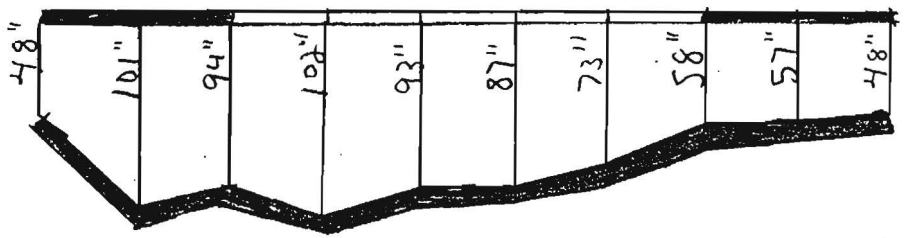
1101+30 26' o/s Bore

1101+90 25' o/s Bore

1102+50 26' o/s Bore

1103+10 27' Bore

1103+30 29' o/s End Bore



Notes:	County:	Contractor:
2 1½ HDPE orange Blue	Sonoma	Tidwell/Pin Point
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMITS

Williams Constructi...As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154,16

Date: 11-30-...

Page No. 1 of 2

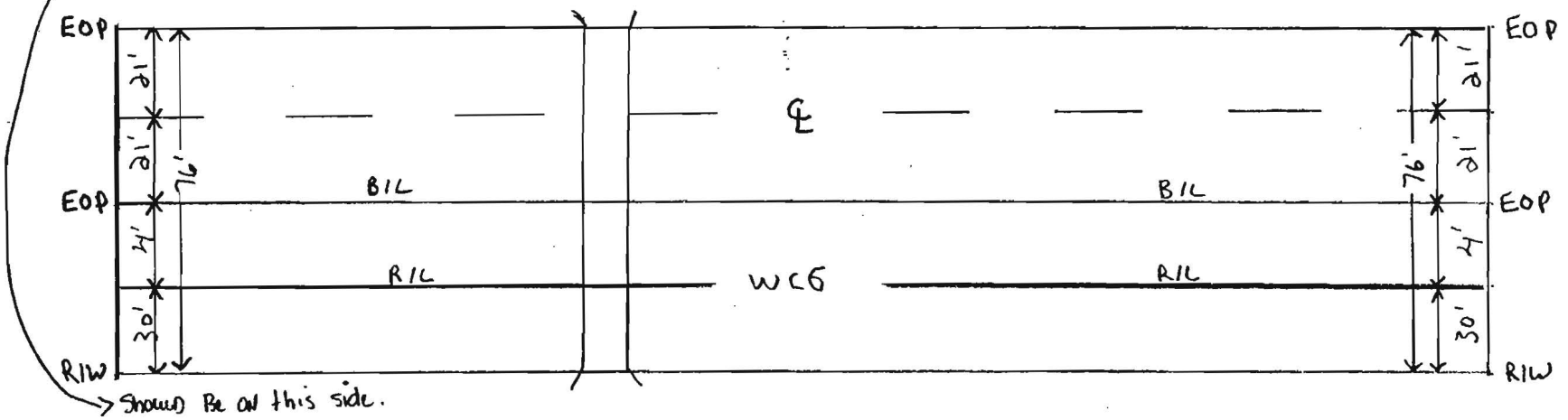
Drawing #: SACR 208-H

From: POINT ARENA

To: SACRAMENTO

N

1103+40	4'ois	48"	Begin Bore
1103+70	4'ois	83"	Bore
1104+00	4'ois	107"	Bore
1104+30	4'ois	130"	Bore
1104+60	4'ois	160"	Bore
1104+90	4'ois	175"	Bore
1105+04	Creek		
1105+20	3'ois	176"	Bore
1105+50	2'ois	120"	Bore
1105+80	2'ois	165"	Bore
1106+10	2'ois	141"	Bore
1106+40	2'ois	120"	Bore
1106+70	3'ois	103"	Bore
1107+00	4'ois	80"	Bore
1107+30	4'ois	66"	Bore
1107+60	4'ois	56"	Bore
1107+70	4'ois	48"	End Bore



Notes:	County:	Contractor:
2 1½ HDPE orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector:
		JB Smits

Williams

Williams Constructi[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

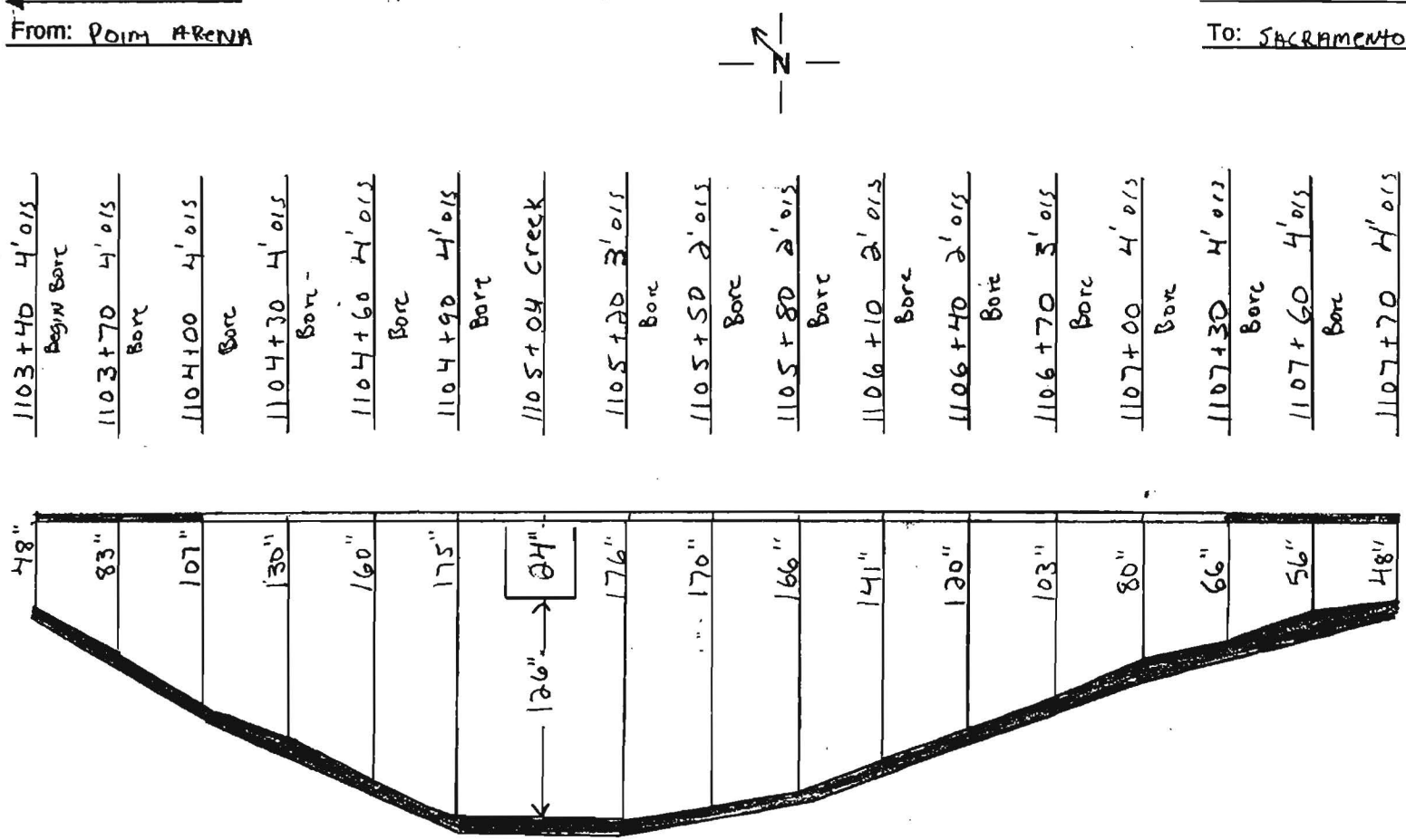
Date: 11-30

Page No. 2 of 2

Drawing #: SACR-208-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams Construct[illegible]s-Built Documentation

Spread Location:

Spread No. South 48

AFE No. 4875

Contract No. 99P154.16

Date: 12-0[illegible]

Page No. 1 of

Drawing #:

SACR 208-209-4

From: POINT ARENA

To: SACRAMENTO

N

1107+90 25'OIS 48" Begin Bore

1107+94 MATCH LINE

1108+00 25'OIS 60"

1108+50 24'OIS 72" Bore

1109+10 23'OIS 109" Bore

1109+70 23'OIS 160" Bore

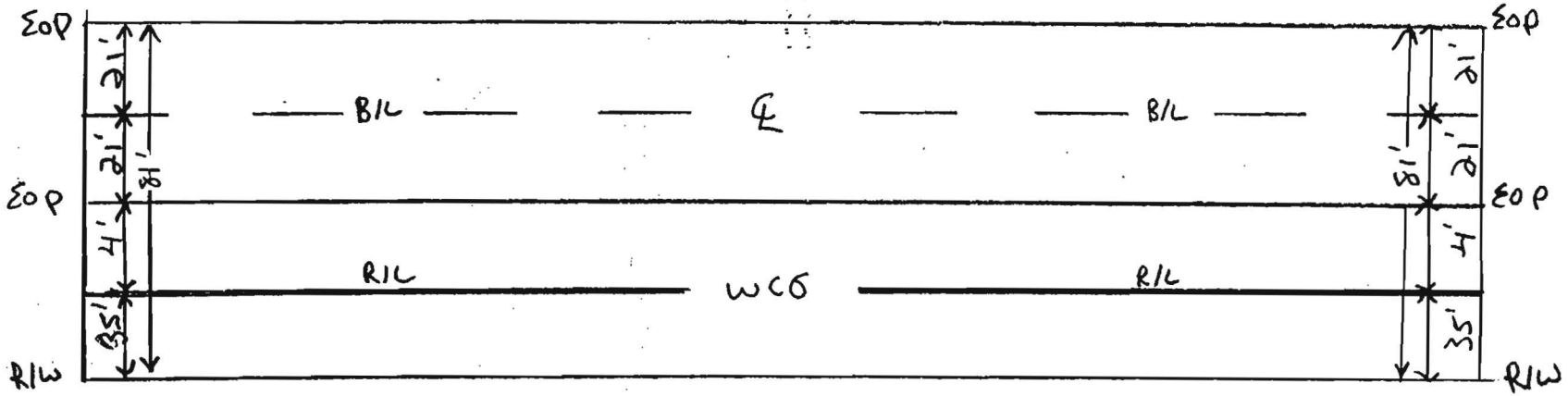
1110+30 22'OIS 210" Bore

1110+64 72" CULVERT

1110+90 23'OIS 190" Bore

1111+50 24'OIS 107" Bore

1111+80 25'OIS 48" End Bore



Notes:	County:	Contractor:
2 1½ HDPE Orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMITH

Williams Construct[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

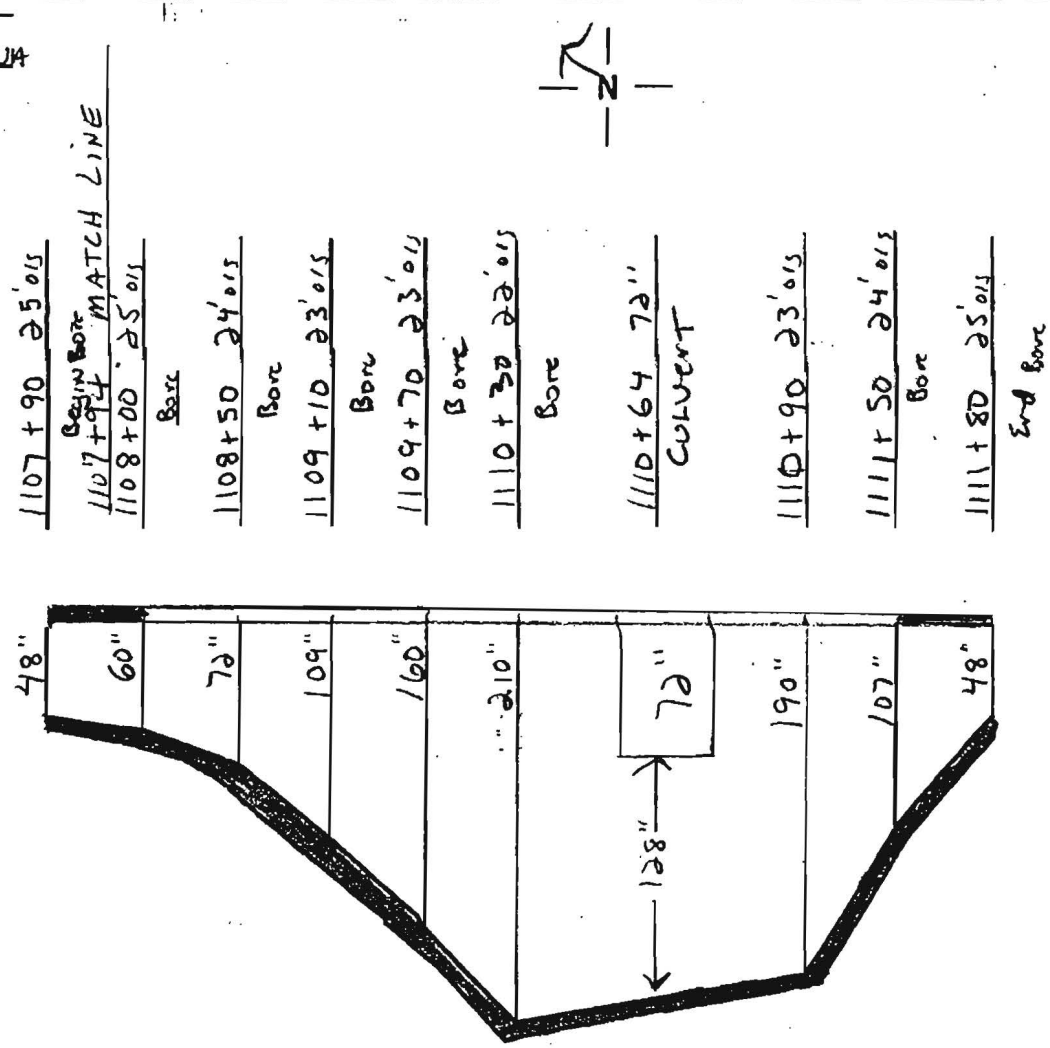
Date: 12-0[illegible]

Page No. 2 of [illegible]

Drawing #: SACR 208-209-4

From: Point Arenia

To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE Orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

FIBER STATIONING

1107+63 80' LT. FENCE CORNER
1108+18 5' LT. UTIL. POLE
1108+27 67' LT. FENCE CORNER
1108+35 DRIVEWAY
1108+41 52' LT. CULVERT
1108+44 33' RT. FENCE CORNER
1108+13 35' RT. FENCE CORNER
1109+64 60' LT. UTIL. POLE
1110+20 65' LT. FENCE CORNER
1110+52 BEGIN STEEL
1110+56 6' LT. HEADWALL
1110+61 7' RT. BOX CULVERT
1110+63 12' RT. BOX CULVERT
1110+64 CULVERT
1110+67 5' LT. BOX CULVERT
1110+71 END STEEL
1110+77 6' LT. HEADWALL
1110+77 51' LT. HEADWALL
1110+82 55' LT. RETAINING WALL
1110+86 52' LT. BOX CULVERT
1110+92 55' LT. RETAINING WALL
1110+95 51' LT. HEADWALL
1111+18 1' RT. CULVERT
1111+19 8' LT. CULVERT
1111+27.4 LT. TELE. POLE
1111+32 FIBER MARKER
1112+11 57' LT. UTIL. POLE
1113+22 HANDHOLE
1113+71 DRIVEWAY
1114+17 5' LT. TELE. POLE
1116+95 56' LT. UTIL. POLE
1117+86 DRIVEWAY
1117+95 27' RT. FENCE CORNER
1118+01 12' LT. HEADWALL
1118+02 10' LT. HEADWALL
1118+15 53' LT. HEADWALL
1118+21 CULVERT
1118+22 11' LT. BOX CULVERT
1118+26 55' LT. BOX CULVERT
1118+38 53' LT. HEADWALL
1118+43 10' LT. HEADWALL
1118+71 7' LT. TELE. POLE
1118+54 FIBER MARKER
1119+18 DRIVEWAY

#3 #1 #2 #4

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

D-SANTA ROSA-V

D-SANTA ROSA-W

SIRI ROCK QUERY RD.

PETALUMA HILL ROAD

Centerline of pavement

FIBER ROUTE

ASPHALT DRIVE

MATCH LINE
SHT. 208-SPRD 4
1107+94
1108+69

SHT. 210-SPRD 4
MATCH LINE
1120+00

| | | |

Williams Construct[illegible]s-Built Documentation

Spread Location:

Spread No. South 48

AFE No. 4875

Contract No. 99P154.16

Date: 12-0[illegible]

Page No. 1 of [illegible]

Drawing #: SACR 208-207-4

From: POINT ARENA

To: SACRAMENTO

N

1107+90 25'ols 48"
Begin Bore

1107+94 MATCH LINE

1108+00 25'ols 60"

1108+50 24'ols 72"
Bore

1109+10 23'ols 109"
Bore

1109+70 23'ols 160"
Bore

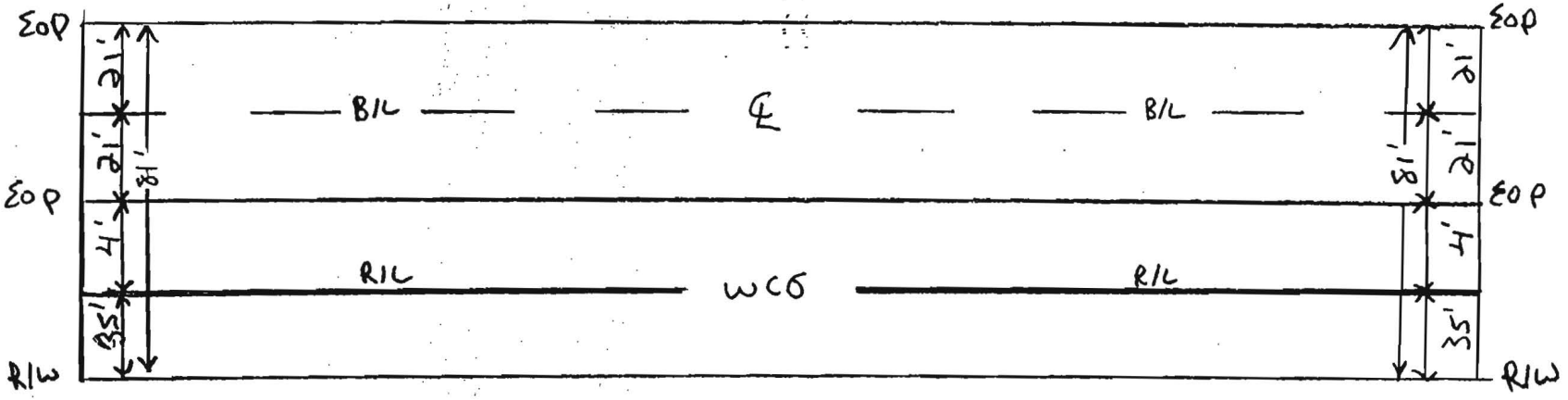
1110+30 22'ols 210"
Bore

1110+64 72"
CULVERT

1110+90 23'ols 150"
Bore

1111+50 24'ols 107"
Bore

1111+80 25'ols 48"
End Bore



Notes:	County:	Contractor:
2 1½ HDPE Orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams Construct[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

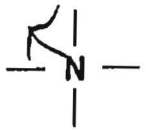
Date: 12-0[illegible]

Page No. 2 of

Drawing #: SACR 208-209-4

From: POINT ARENA

To: SACRAMENTO



1107+90 25'o/s

Begin Bore 1107+94 MATCH LINE

1108+00 25'o/s Bore

1108+50 24'o/s Bore

1109+10 23'o/s Bore

1109+70 23'o/s Bore

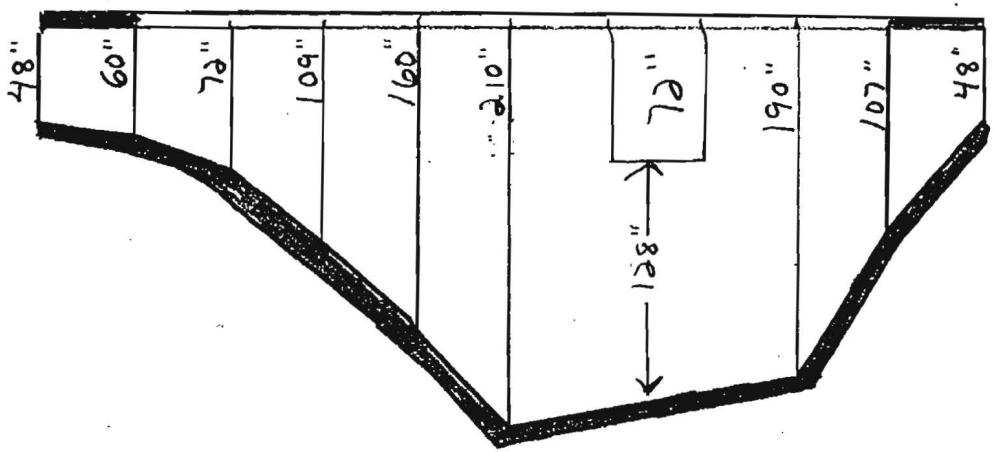
1110+30 22'o/s Bore

1110+64 72" Culvert

1110+90 23'o/s

1111+50 24'o/s Bore

1111+80 25'o/s End Bore



Notes:

2 1¼ HDDE Orange Blue

1 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: JR SMITH

Williams Constructio... s-Built Documentation

Spread Location:

Spread No. South 48

AFE No. 4875

Contract No. 99P154.16

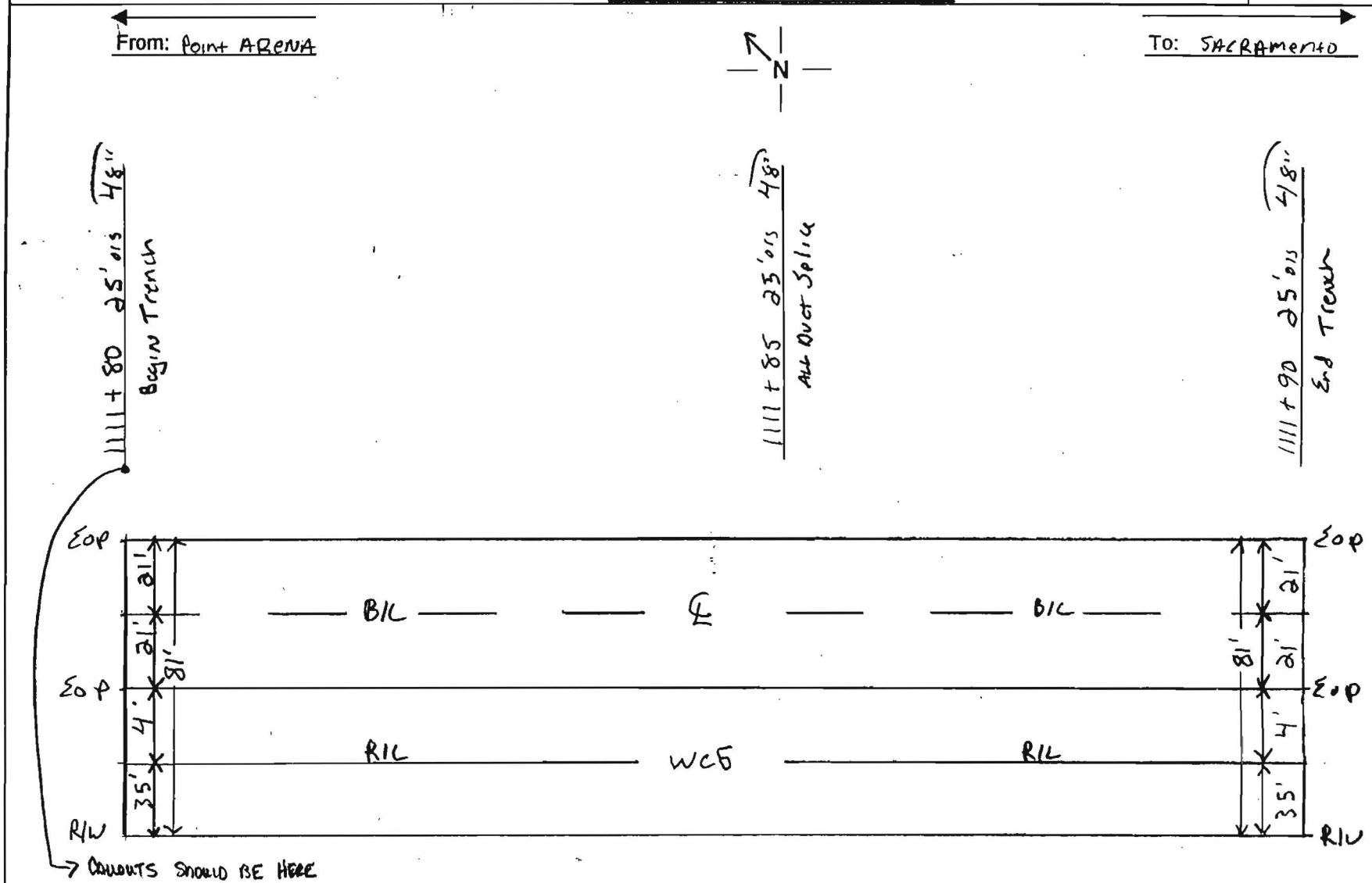
Date: 12-04

Page No. 1 of 1

Drawing #: SACR 209-4

From: Point ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Constructi[illegible]s-Built Documentation

Spread Location:

Spread No. South 48

AFE No. 4875

Contract No. 99P154.16

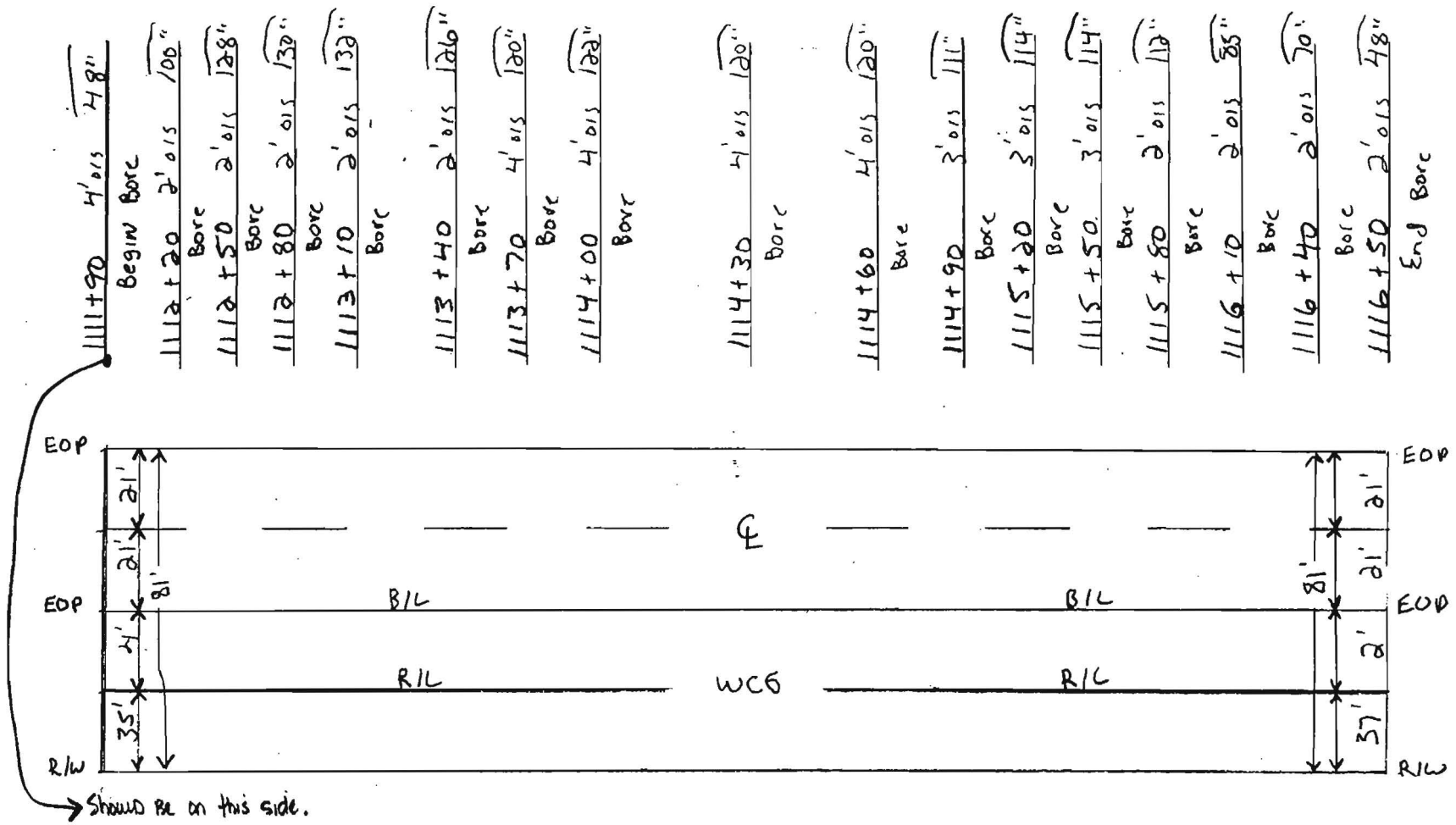
Date: 11-30

Page No. 1 of 2

Drawing #: SACR-209-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
	Sonoma	Tidwell
2 1½ HDPE Orange Blue	Duct Configuration:	Inspector:
1 1¼ HDPE Black		JR Smits

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P 154.16

Date: 11-30

Page No. 2 of 2

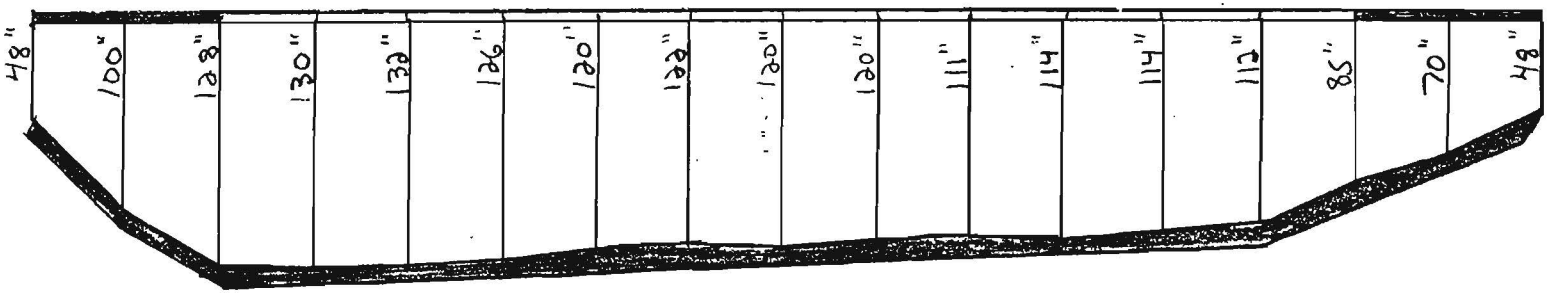
Drawing #: SACR-209-4

From: POINT ARENA

N

To: SACRAMENTO

1111+90	4'0/S
Begin Bore	
1112+20	3'0/S
Bore	
1112+50	2'0/S
Bore	
1112+80	2'0/S
Bore	
1113+10	2'0/S
Bore	
1113+40	2'0/S
Bore	
1113+70	4'0/S
Bore	
1114+00	4'0/S
Bore	
1114+30	4'0/S
Bore	
1114+60	4'0/S
Bore	
1114+90	3'0/S
Bore	
1115+30	3'0/S
Bore	
1115+50	3'0/S
Bore	
1115+80	2'0/S
Bore	
1116+10	2'0/S
Bore	
1116+40	2'0/S
Bore	
1116+50	2'0/S
End Bore	



Notes:	County:	Contractor:
2 1½ HDPE Orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams Constructio[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

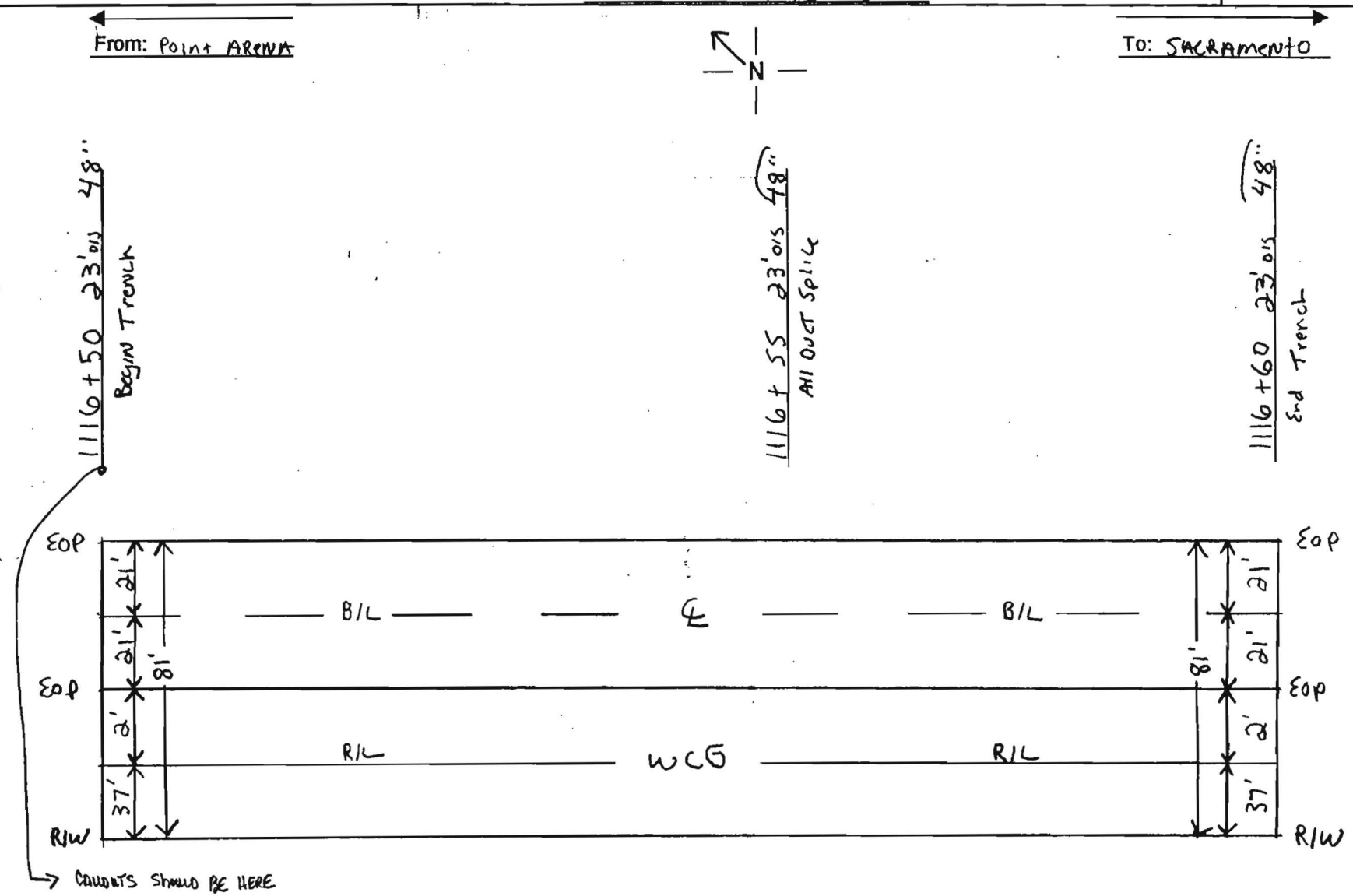
AFE No. 4875

Contract No. 99P154.16

Date: 12-04

Page No. 1 of 1

Drawing #: SACR-209.4



Notes:	County:	Contractor:
2 1½ HDPE orange, Blue	Sonoma	Tidwell
1 1½ HDPE Black	Duct Configuration:	Inspector: JR SMITS

Williams Constructi[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

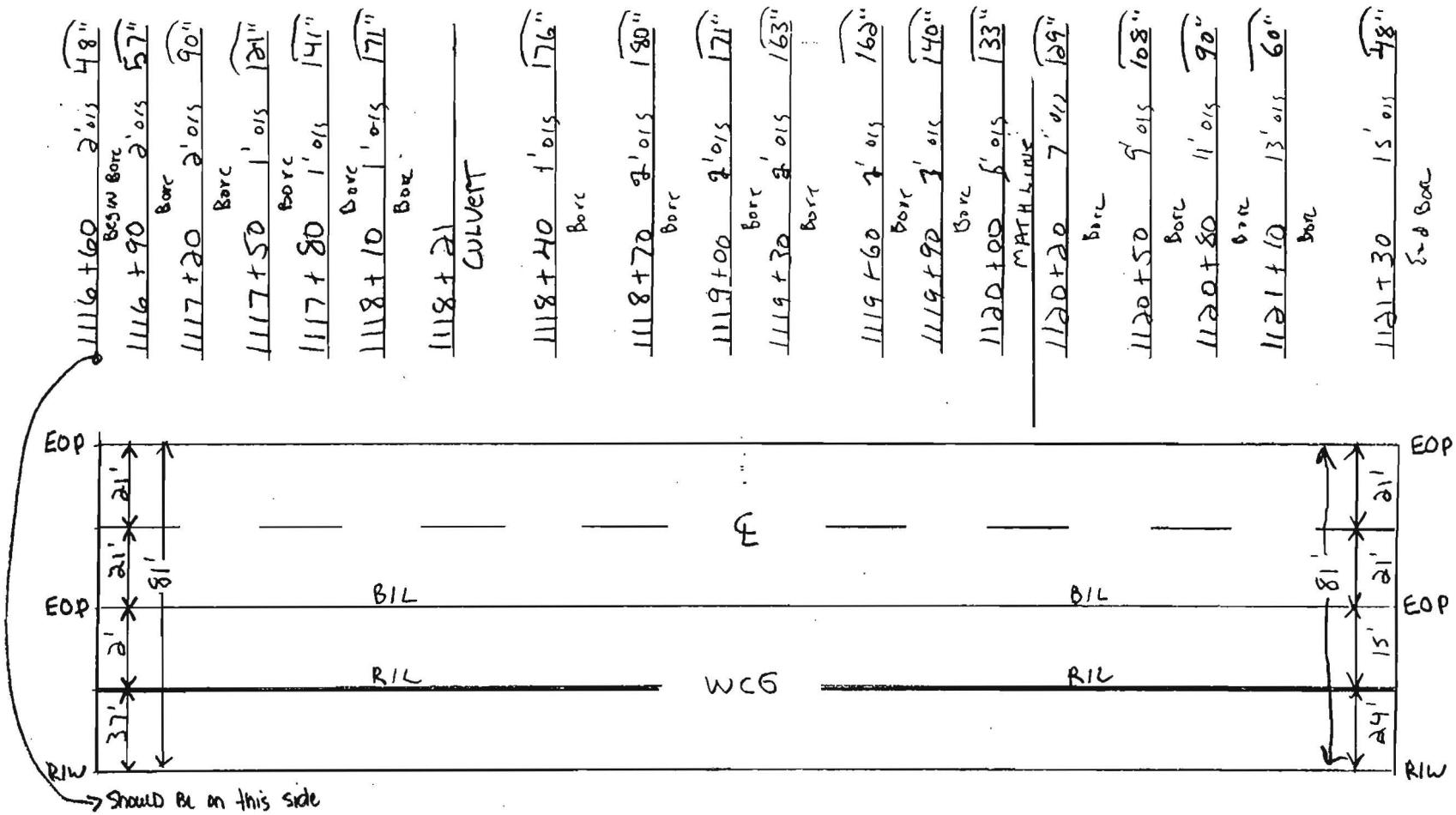
Date: 11-30

Page No. 1 of 2

Drawing #: SACR 209-210-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE Orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Constructi[illegible]s-Built Documentation

Spread Location:

Spread No. South 48

AFE No. 4875

Contract No. 99P154.16

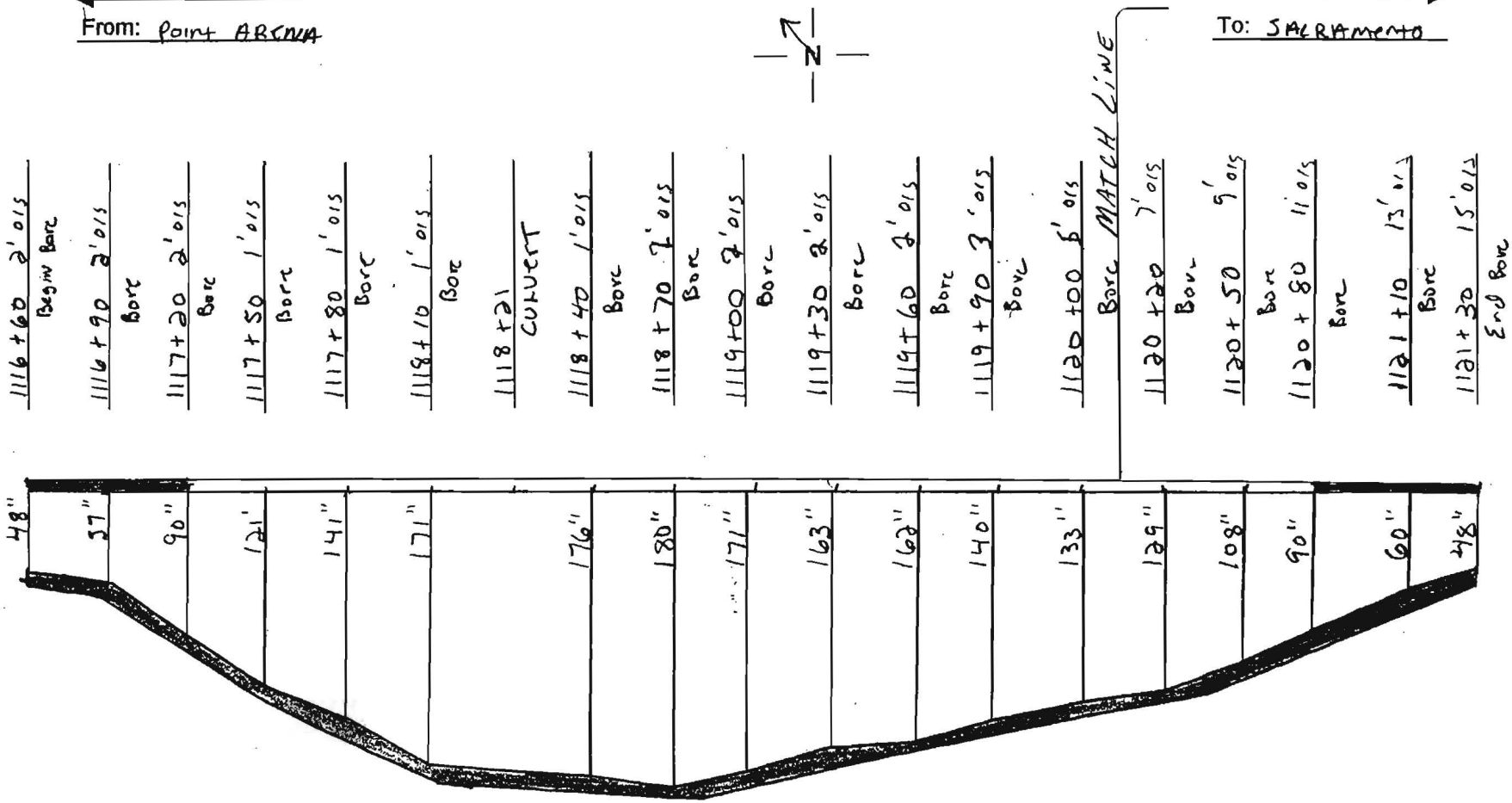
Date: 11-30

Page No. 2 of 2

Drawing #: SACR 209-210-4

From: Point ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1 1/2 HDPE orange Blue	Sonoma	Tidwell
1 1 1/4 HDPE Black	Duct Configuration:	Inspector: JR SMAS

COUNTY OF SONOMA

FIBER STATIONING

1120+13 8' LT. TELE. POLE
1120+13 88' LT. POLE
1120+00 ALLDUCT SPLICE
1121+82 6' LT. TELE. POLE
1121+90 65' LT. UTIL. POLE
1122+27 67' LT. FENCE CORNER
1122+99 4' LT. TELE. POLE
1123+83 BEGIN STEEL
1123+68 11' LT. HEADWALL
1124+15 END STEEL
1124+24 2' LT. HEADWALL
1124+28 56' LT. UTIL. POLE
1124+30 65' LT. TREE
1124+37 61' LT. TREE
1125+30 SPLICE POLE
1125+11 60' LT. HEADWALL
1125+15 ALLDUCT SPLICE
1125+38 61' LT. HEADWALL
1125+61 FIBER MANHOLE
1126+18 DRIVEWAY
1126+18 26' RT. FENCE CORNER
1126+20 56' LT. CULVERT
1126+21 68' LT. FENCE CORNER
1126+33 19' RT. TREE
1126+44 57' LT. CULVERT
1126+50 18' RT. TREE
1126+84 8' RT. TREE
1126+91 56' LT. CULVERT
1126+92 67' LT. FENCE CORNER
1127+12 56' LT. CULVERT
1127+29 1' RT. FENCE CORNER
1127+39 67' LT. UTIL. POLE
1127+66 DRIVEWAY
1128+67 62' LT. UTIL. POLE
1129+75 ALLDUCT SPLICE
1130+11 5' LT. TELE. POLE
1131+15 74' LT. UTIL. POLE
1131+58 5' LT. TELE. POLE
1131+59 4' LT. TELE. POLE
1131+60 74' LT. POLE

#1 #2 #5 #4 #3

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

D-COTATI-17

15"DIS 48"
35"DIS 48"
25"DIS 48"

R/W

PETALUMA HILL ROAD

ASPHALT DRIVE

Centerline of pavement

DIRECTIONAL DRILL

WOODED AREA

MATCH LINE
SHT. 209-SPRD 4
1120+00
1119+99

MATCH LINE
SHT. 211-SPRD 4
1131+99

PROPOSED WILLIAMS FIBER ROUTE

BEG TRENCH
END TRENCH

| | | |

Williams Constructi[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

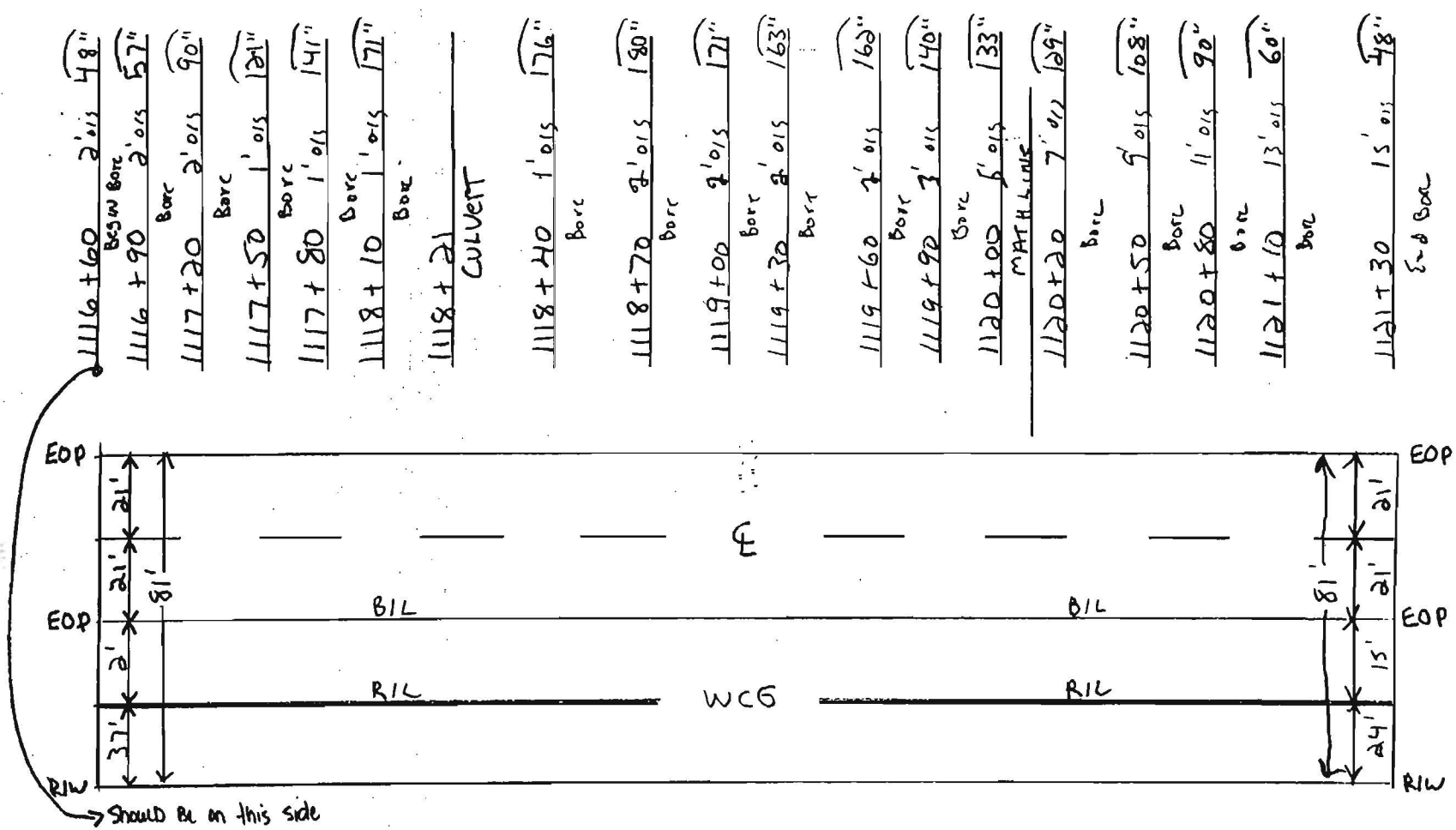
Date: 11-30

Page No. 1 of 2

Drawing #: SACR 209-210-4

From: Point ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Constructi[illegible]s-Built Documentation

Williams

Spread Location:

Spread No. South 48

AFE No. 4875

Contract No. 99P154.16

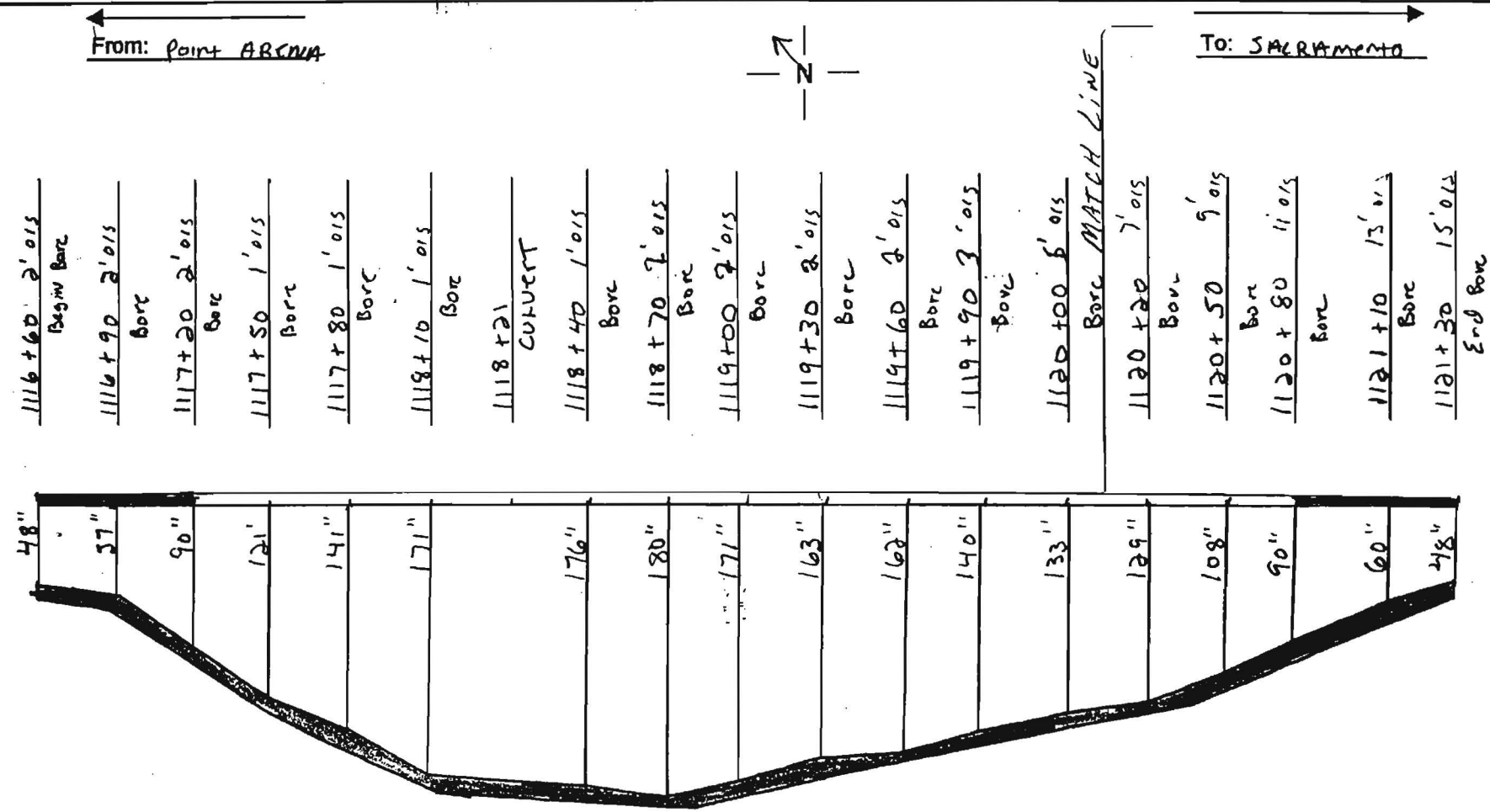
Date: 11-30

Page No. 2 of 2

Drawing #: SACR 209-210-4

From: Point ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMAS

Williams Constructio[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

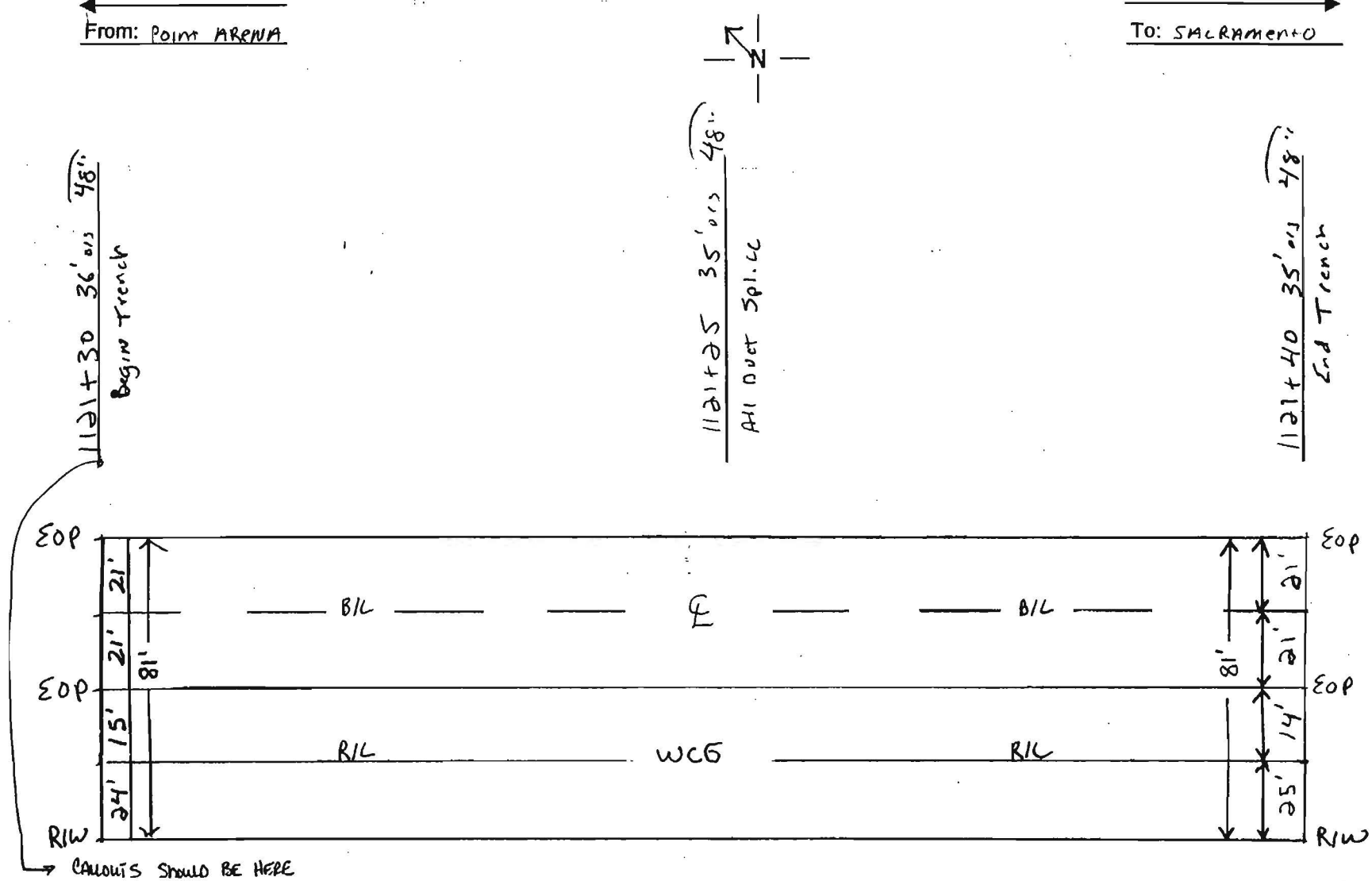
Date: 12-04

Page No. 1 of 1

Drawing #: SACR 210-4

From: Point ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams

Williams Construct[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

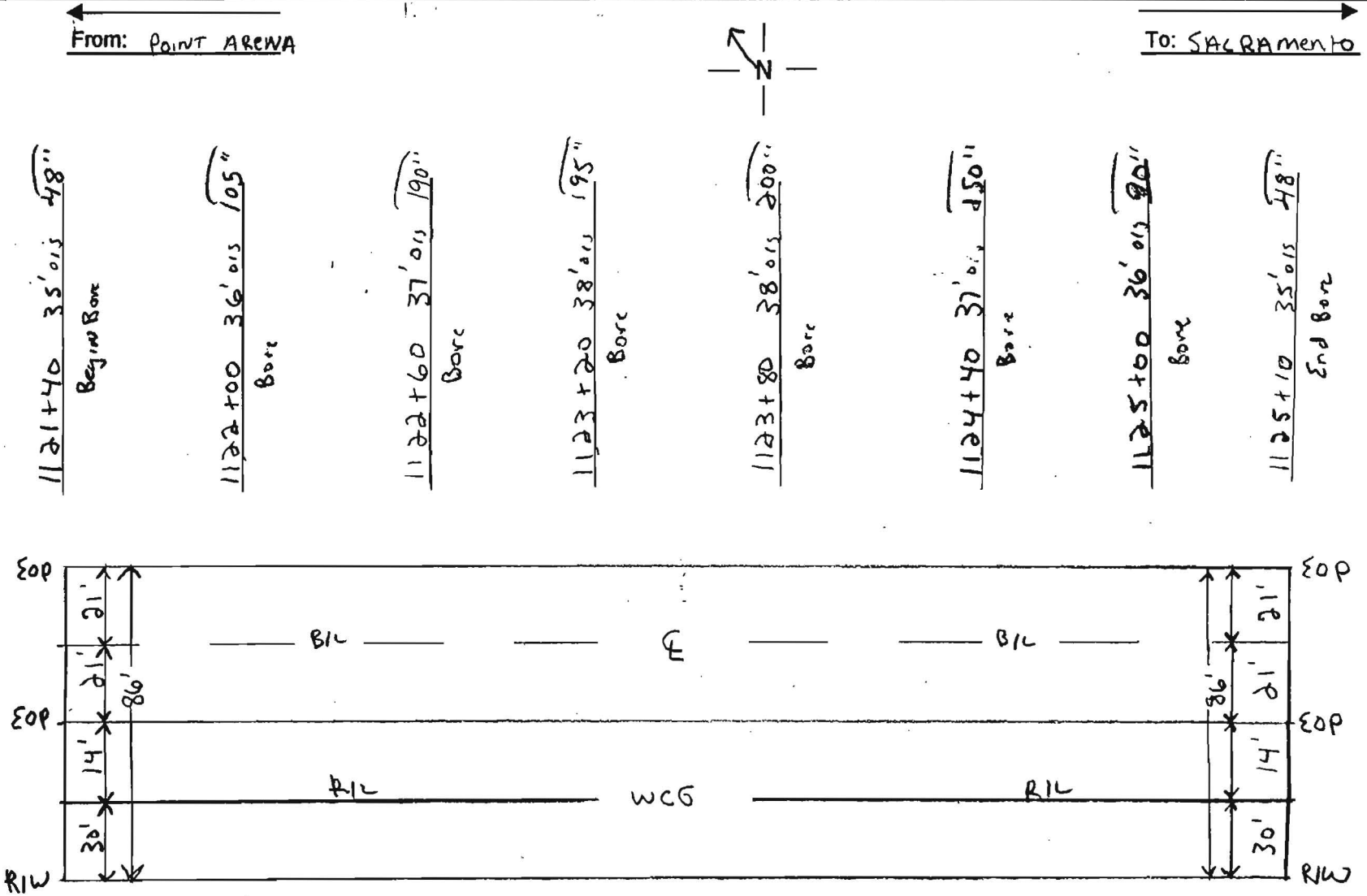
Date: 12-0

Page No. 1 of 2

Drawing #: SACR 210-4

From: POINT AREWA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange Blue	Sonoma	Tidwell / PINPOINT
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMITS

Williams

Williams Construct[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99 P154.16

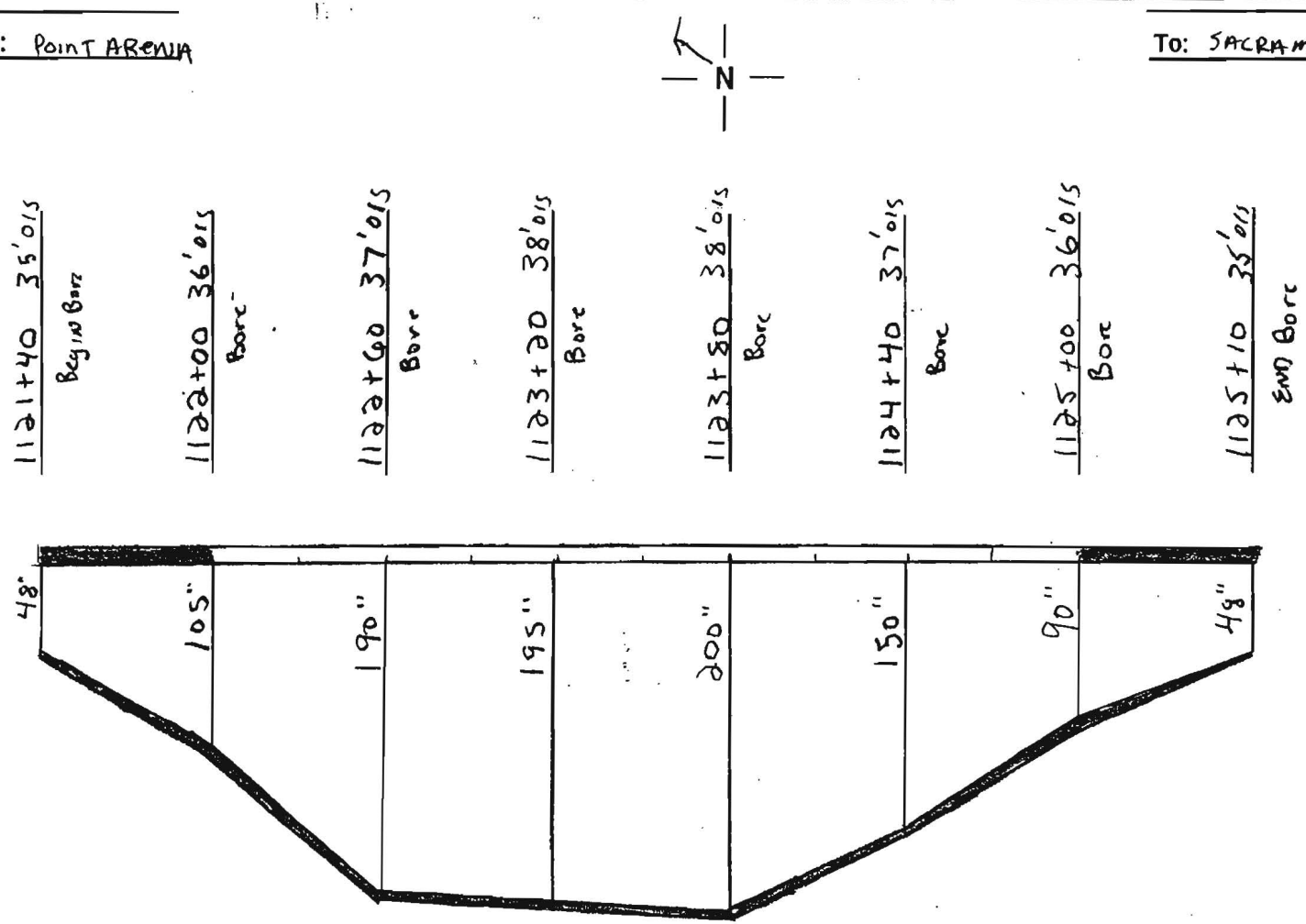
Date: 12.0[illegible]

Page No. 2 of [illegible]

Drawing #: SACR-210-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE orange Blue	Sonoma	Tidwell / Pin Point
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154-16

Date: 12-0

Page No. 1 of

Drawing #: SACR 210-4

From: Point ARENA

To: SACRAMENTO

N

1125+20 35' OS 48" Begin Bore

1125+80 32' OS 90" Bore

1126+42 25' OS 60" Bore

1127+00 25' OS 121" Bore

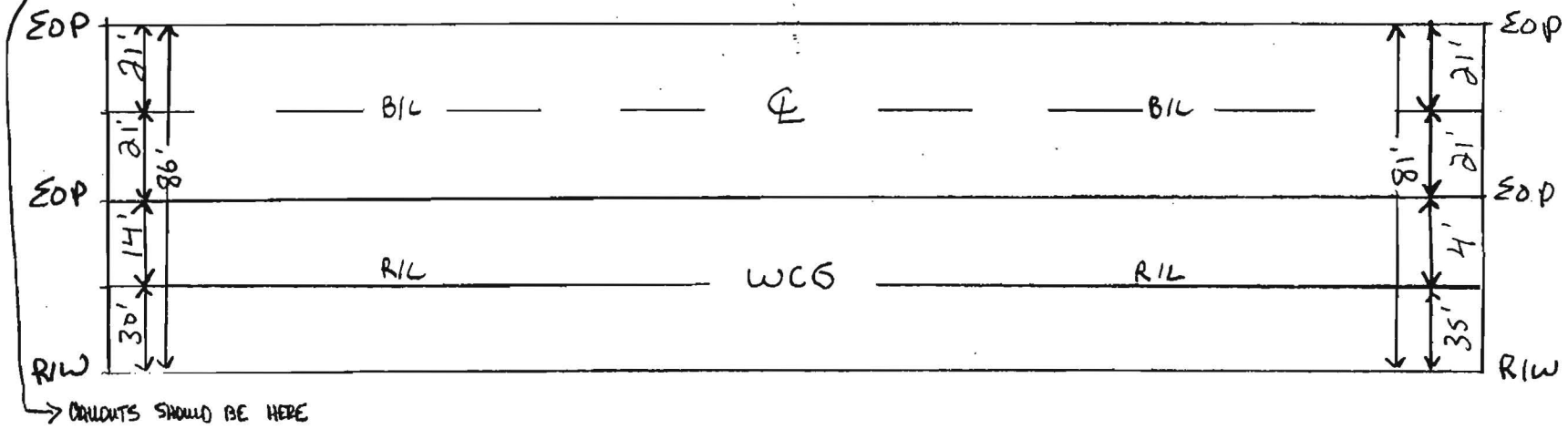
1127+60 23' OS 95" Bore

1128+20 25' OS 114" Bore

1128+82 25' OS 118" Bore

1129+40 25' OS 90" Bore

1129+70 25' OS 48" End Bore



CALLOUTS SHOULD BE HERE

Notes:	County:	Contractor:
2 1½ HDPE Orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams

Williams Construct[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99154.16

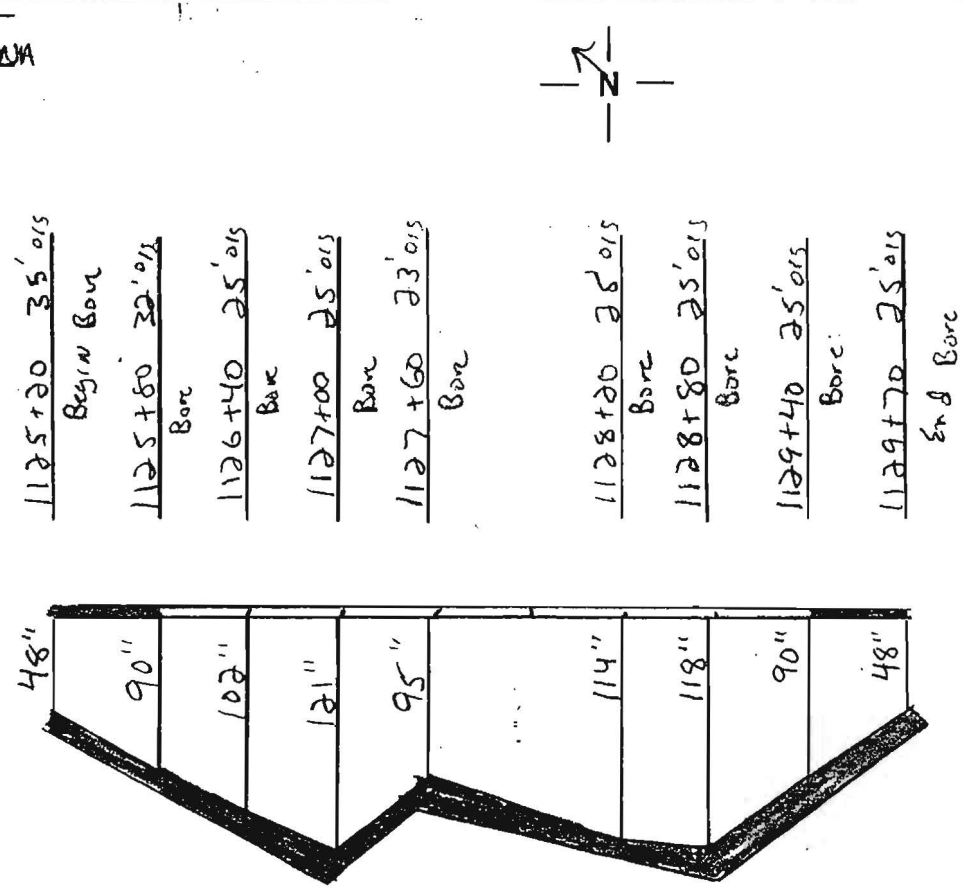
Date: 12-04

Page No. 2 of

Drawing #: SACR 210-4

From: Point ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Construct[illegible]-Built Documentation

Spread Location:

Spread No. South 4/3

AFE No. 4875

Contract No. 99P154.16

Date: 12-0[illegible]

Page No. 1 of

Drawing #: SACR 210-211-4

From: Point ARENA

To: SACRAMENTO

N

1129+80 23'o/s 48" Begin Bore

1130+40 23'ox 98" Bore

1131+00 23'o/s 131" Bore

1131+60 23'o/s 134" Bore

1131+99 23'o/s 140" Bore MATCH LINE

1132+00 23'o/s 144" Bore

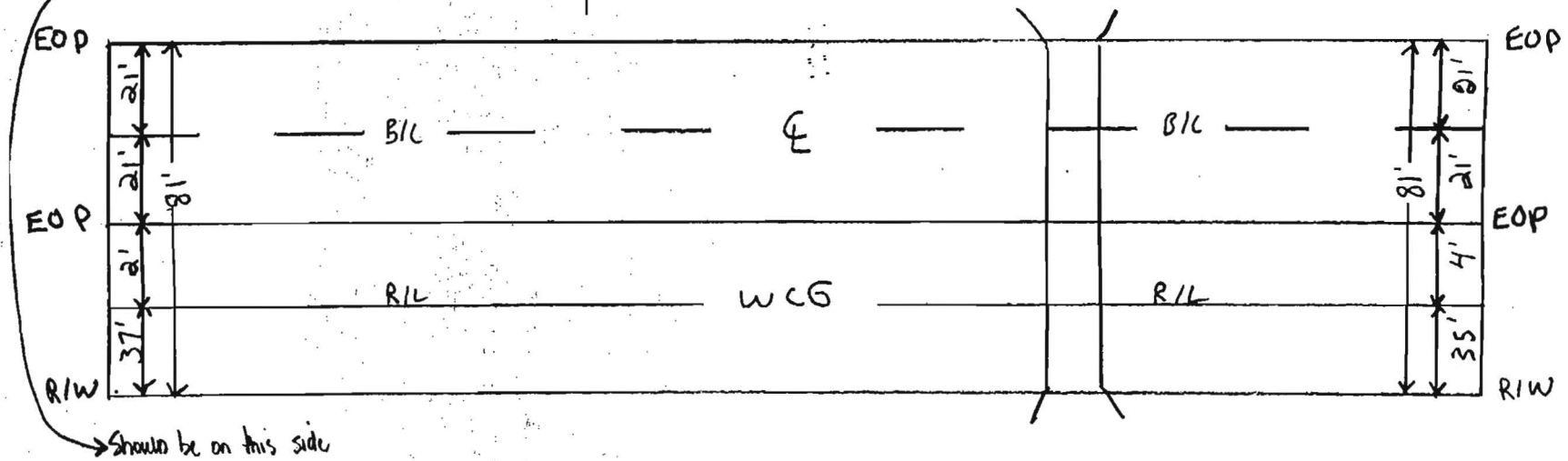
1132+80 23'o/s 166" Bore

1133+04 36" CULVERT

1133+40 23'o/s 185" Bore

1134+00 25'o/s 115" Bore

1134+40 25'o/s 48" End Bore



Should be on this side

Notes:

2 1½ HDPE Orange, Riser

1 ¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor:

Inspector: JR Smits

Williams Construct[illegible]-Built Documentation

Spread Location:

Spread No. South 4D

AFE No. 4825

Contract No. 99P154.16

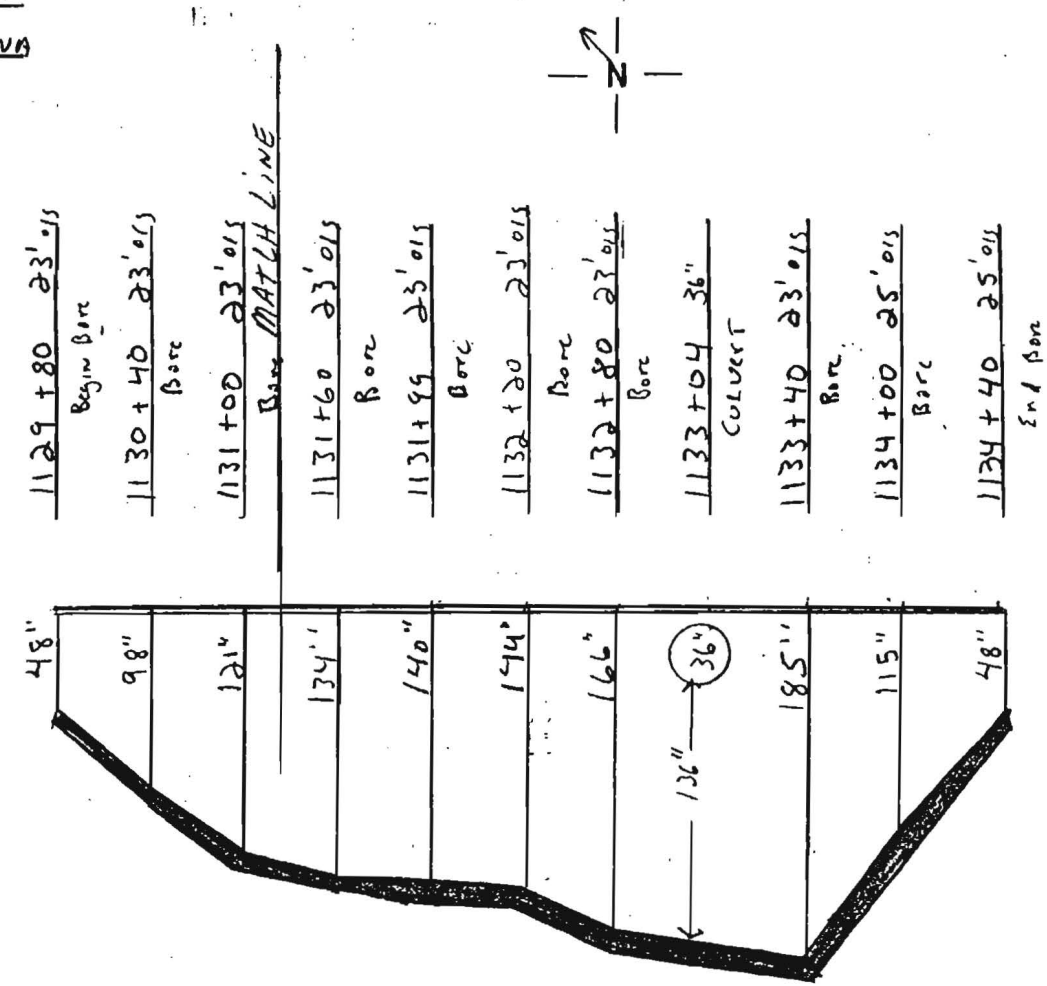
Date: 12-01-[illegible]

Page No. 2 of

Drawing #: SACR-210-211-4

From: Point ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

COUNTY OF SONOMA

FIBER STATIONING

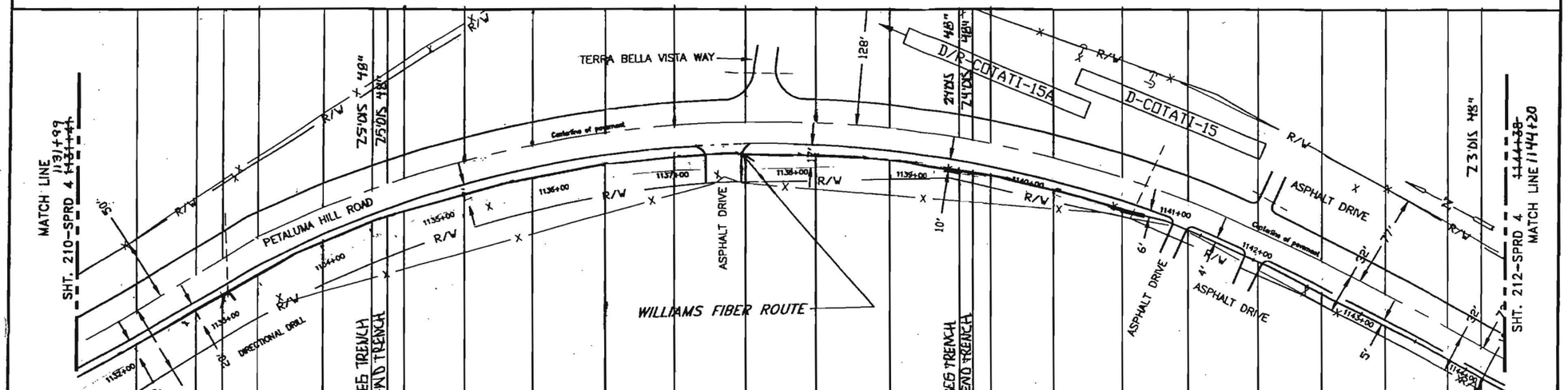
1131+58 5' LT. TELE. POLE
1131+59 4' LT. TELE. POLE
1131+60 74' LT. POLE
1132+52 FIBER MARKER #3
1132+85 BEGIN STEEL
1132+88 3' LT. HEADWALL
1133+04 3' RT. CULVERT
1133+08 12' LT. HEADWALL
1133+10 END STEEL
1133+10 9' LT. CULVERT
1133+13 11' LT. HEADWALL
1133+14 4' LT. HEADWALL
1133+40 72' LT. CULVERT
1133+47 11' RT. TELE. POLE
1133+61 84' LT. UTIL. POLE
1134+43 ALL DUCT SPLICE #1
1135+43 6' RT. TELE. POLE
1137+35 12' RT. FENCE CORNER
1137+36 10' RT. FENCE CORNER
1137+37 4' RT. UTIL. POLE
1137+42 DRIVEWAY
1137+42 8' RT. FENCE CORNER
1137+45 79' LT. CULVERT
1137+58 12' RT. FENCE CORNER
1138+01 77' LT. CULVERT
1138+26 HANDHOLE
1138+50 27' LT. PETALUMA HILL
1138+81 62' LT. HANDHOLE
1139+15 FIBER MARKER #4
1139+31 2' LT. TELE. POLE
1139+42 ALL DUCT SPLICE #2
1140+73 2' LT. TELE. POLE
1140+80 BEGIN STEEL
1140+86 4' RT. FENCE CORNER
1140+89 4' RT. CULVERT
1141+00 END STEEL
1141+03 58' LT. CULVERT
1141+03 60' LT. CULVERT
1141+22 2' RT. POST
1141+41 1' RT. POST
1141+76 52' LT. CULVERT
1141+89 56' LT. DRIVEWAY
1142+08 2' RT. DROP INLET
1142+08 48' LT. CULVERT
1142+46 90' LT. UTIL. POLE
1142+50 4' RT. UTIL. POLE
1142+51 7' RT. FENCE CORNER

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



| | | |

Williams Construct[illegible]-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

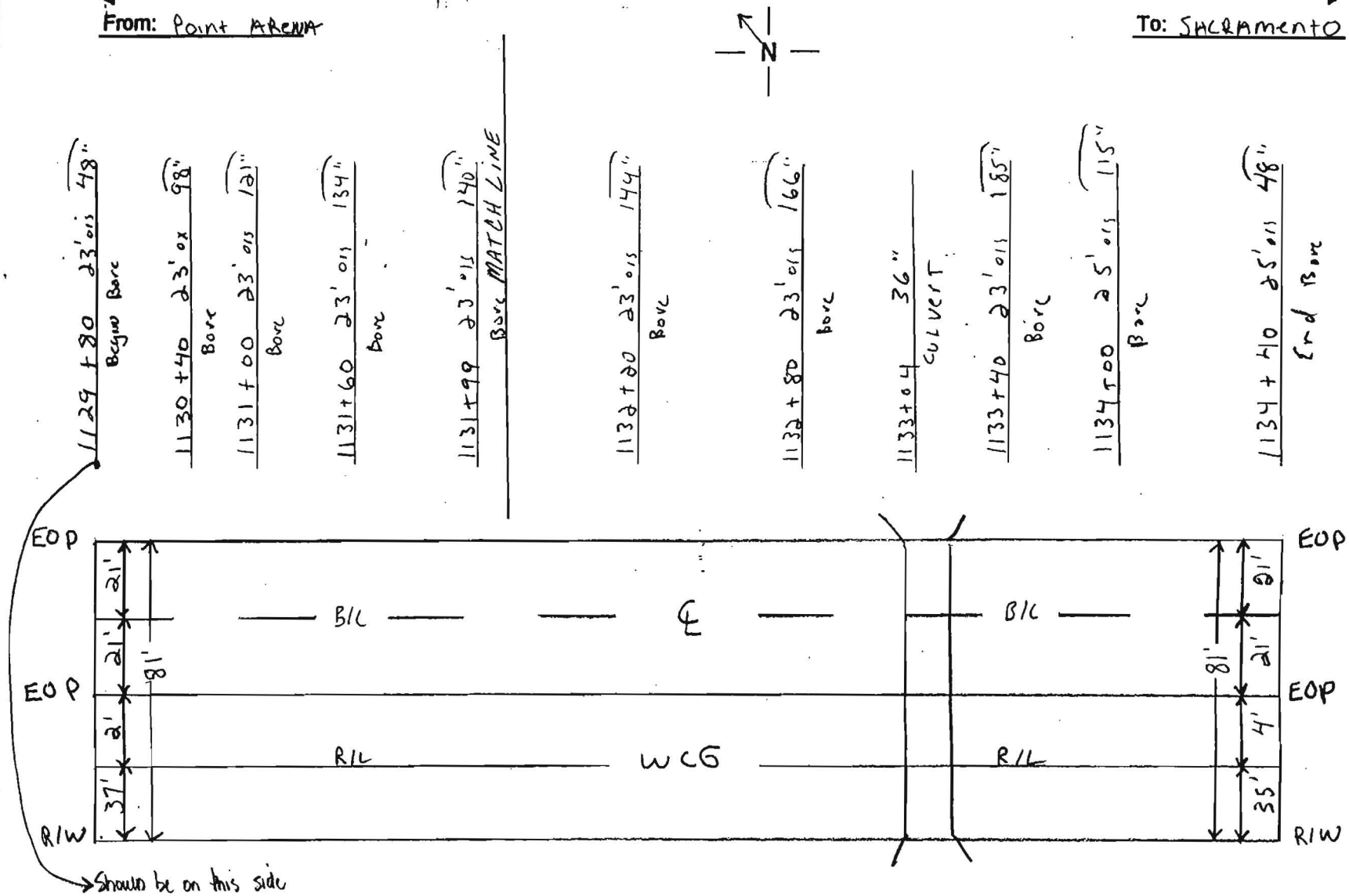
Date: 12-0[illegible]

Page No. 1 of

Drawing #: SACR 210-211-4

From: Point ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMITS

Williams Construct[illegible]-Built Documentation

Spread Location:

Spread No. South 40

AFE No. 4825

Contract No. 99P154.16

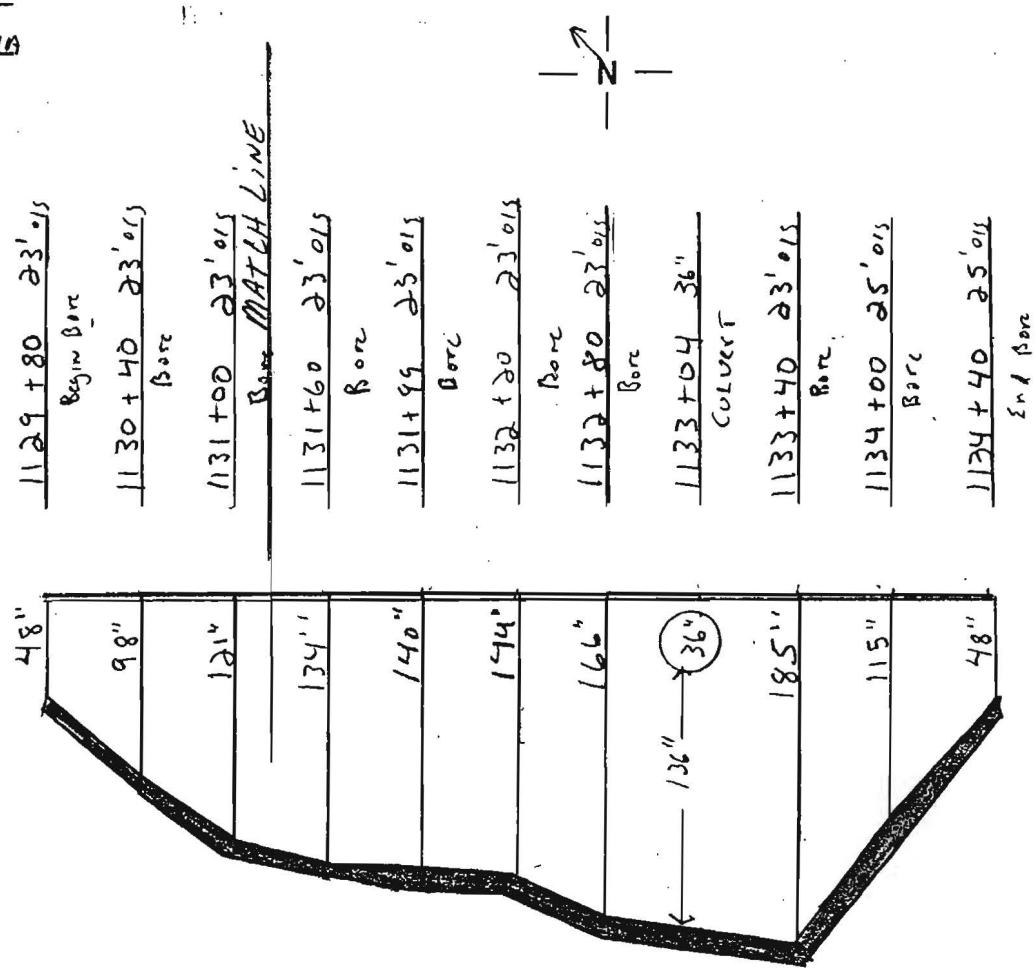
Date: 12-01-[illegible]

Page No. 2 of

Drawing #: SACR-210-211-4

From: Point ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 418

AFE No. 4875

Contract No. 990154.16

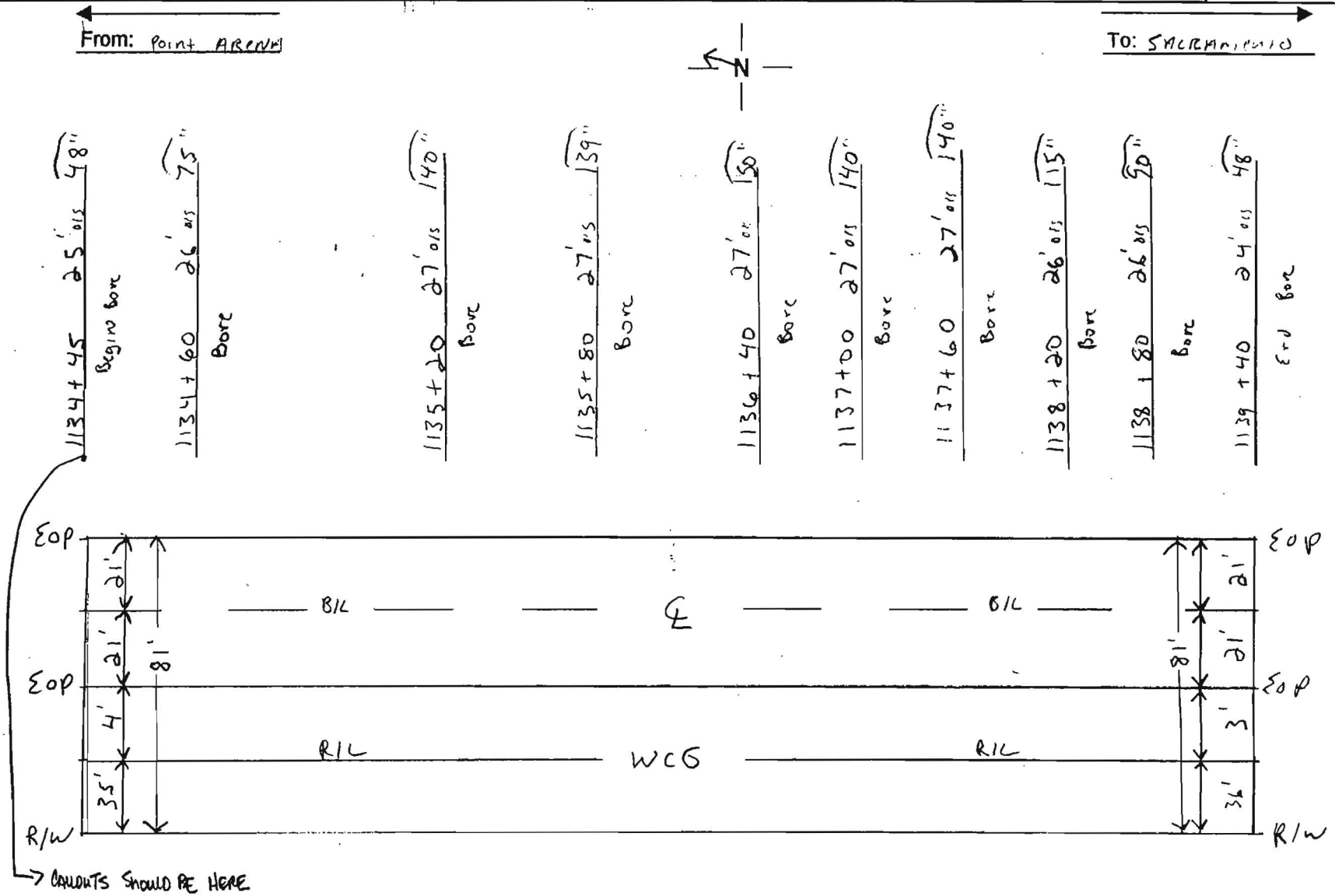
Date: 12-02

Page No. 1 of 2

Drawing #: SACR 211-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE Orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector:
		JR Smith

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4D

AFE No. 4875

Contract No. 99P154.16

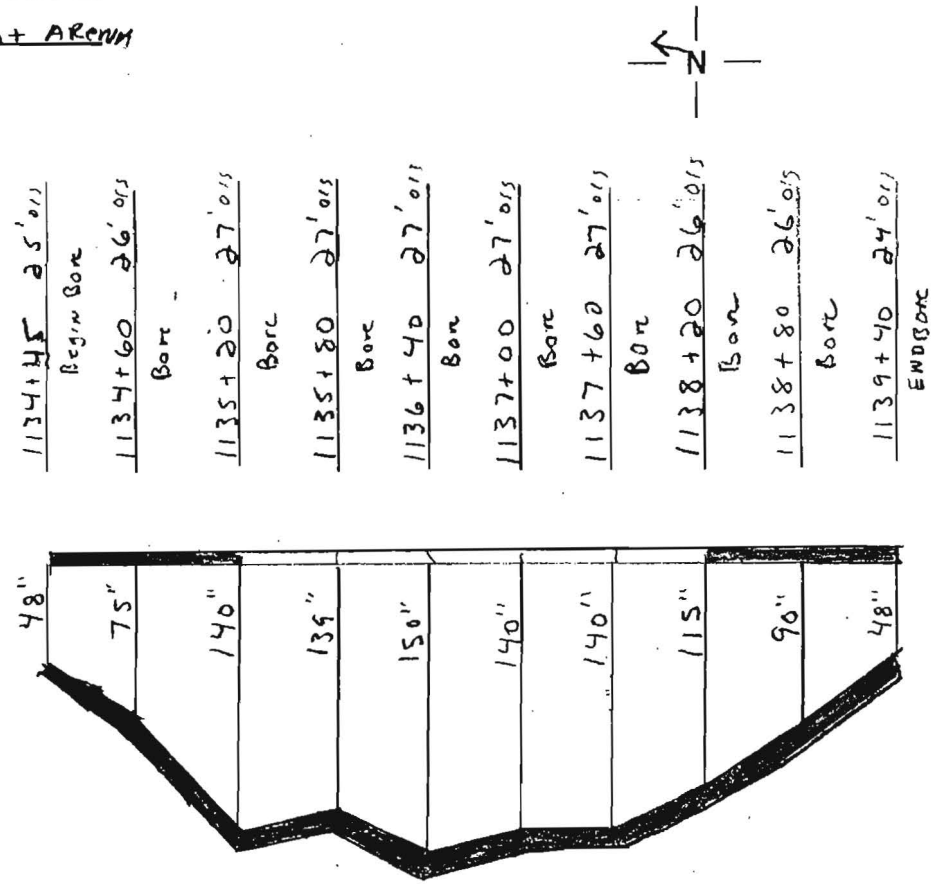
Date: 12-02

Page No. 2 of 2

Drawing #: SACR-211-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE Orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMHS

Williams

Williams Constructi[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

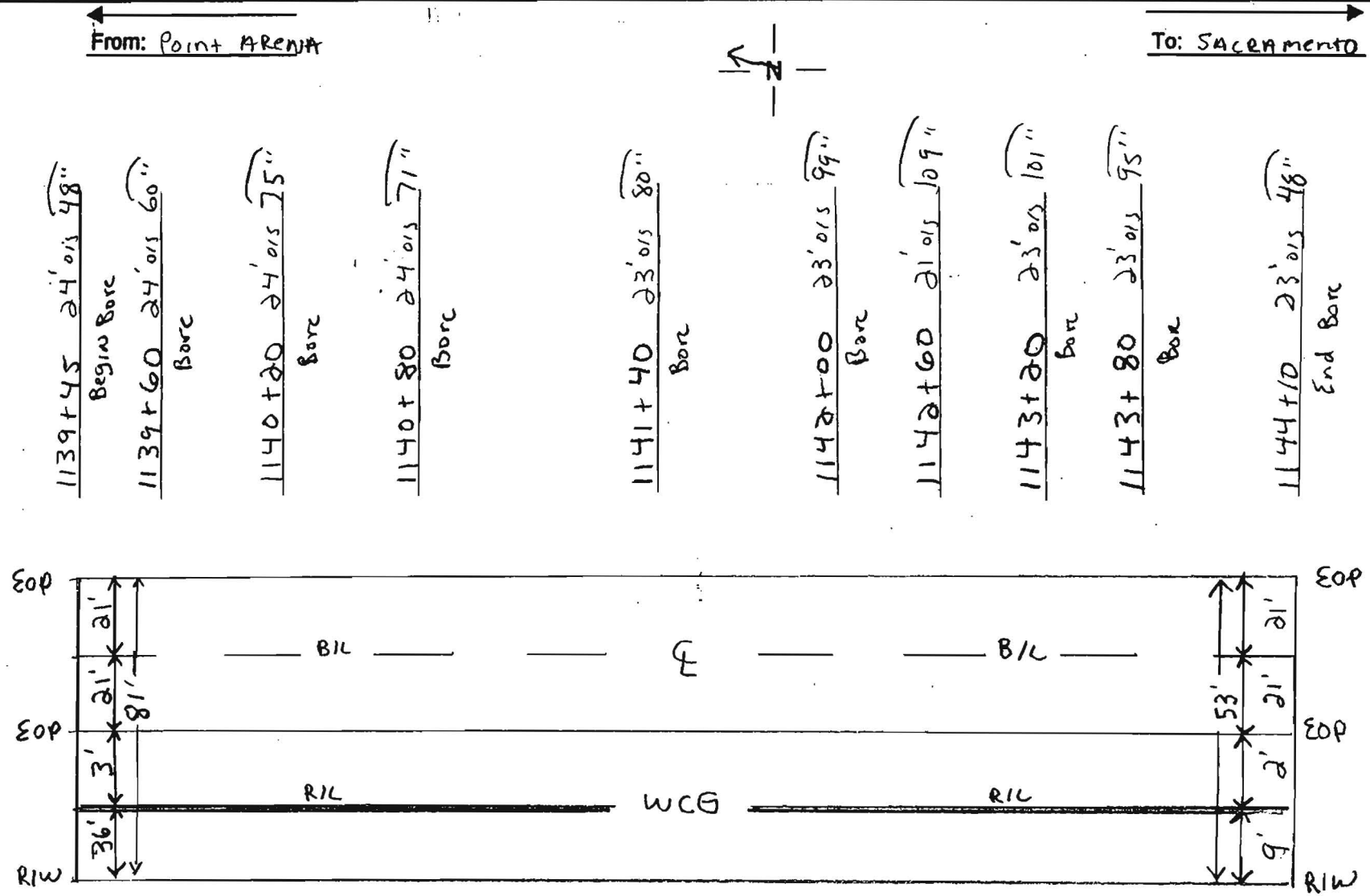
Date: 12-0[illegible]2

Page No. 1 of 2

Drawing #: SACR-211-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE	Duct Configuration:	Inspector: JR SMHS

Williams Construct[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99 P154-16

Date: 12-[illegible]

Page No. 2 of [illegible]

Drawing #: SACR 211-4

From: POINT ARENA

To: SACRAMENTO

N

1139+45 24'o/s Begin Bore

1139+60 24'o/s Bore

1140+20 24'o/s Bore

1140+80 24'o/s Bore

1141+40 23'o/s Bore

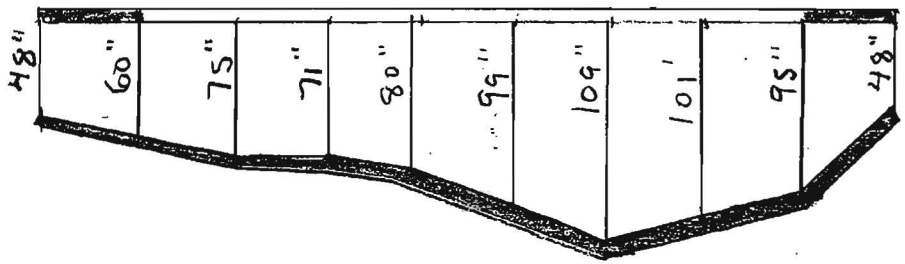
1142+00 23'o/s Bore

1142+60 21'o/s Bore

1143+20 23'o/s Bore

1143+80 23'o/s Bore

1144+10 23'o/s End Bore



Notes:	County:	Contractor:
2 1½ HPPE Orange, Blue 1 1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: JR Smith

COUNTY OF SONOMA

FIBER STATIONING

1144+25 ALL DIVERT SPLICE
1144+35 4' RT. TELE. POLE
1145+47 89' LT. UTIL. POLE
1145+49 5' RT. UTIL. POLE
1146+23 FIBER MARKER
1146+65 5' RT. TELE. POLE
1146+91 90' LT. UTIL. POLE
1147+43 4' RT. TELE. POLE
1148+37 91' LT. UTIL. POLE
1148+72 6' RT. FENCE CORNER
1149+07 4' RT. TELE. POLE
1149+42 ALL DIVERT SPLICE
1149+80 5' RT. FENCE CORNER
1150+62 4' RT. TELE. POLE
1151+42 91' LT. UTIL. POLE
1152+22 3' RT. TELE. POLE
1153+16 FIBER MARKER
1153+69 3' RT. TELE. POLE
1154+07 ALL DIVERT SPLICE
1154+35 90' LT. UTIL. POLE
1154+83 TRAFFIC SIG.
1154+87 2' LT. TRAFFIC SIG.
1154+88 96' LT. FENCE CORNER
1155+06 52' LT. CULVERT
1155+16 3' RT. TELE. POLE
1155+17 64' LT. DRIVEWAY
1155+36 85' LT. FENCE CORNER
1155+38 54' LT. CULVERT
1155+46 3' RT. FENCE CORNER

#1 #4 #2 #5 #3

ROAD STATIONING

POINT ARENA — SONOMA COUNTY CALIFORNIA — SACRAMENTO

MATCH LINE 1144+20
SHT. 211-SPRD 4 1144+00
23'OS 48"
73'
105'
PETALUMA HILL ROAD
Centerline of pavement
1145+00
1146+00
1147+00
1148+00
1149+00
1150+00
1151+00
1152+00
1153+00
1154+00
1155+00
1156+00
4'
ASPHALT DRIVE
24'OS 48"
70'
35'
6'
65'
40'
PROPOSED WILLIAMS FIBER ROUTE
BEG TRENCH
END TRENCH
ASPHALT DRIVE
SHT. 213-SPRD 4 MATCH LINE
N

| | | |

Williams

Williams Constructi[illegible]s-Built Documentation

Spread Location:

Spread No. 50

AFE No. 4875

Contract No. 99P154 16

Date: 12-04

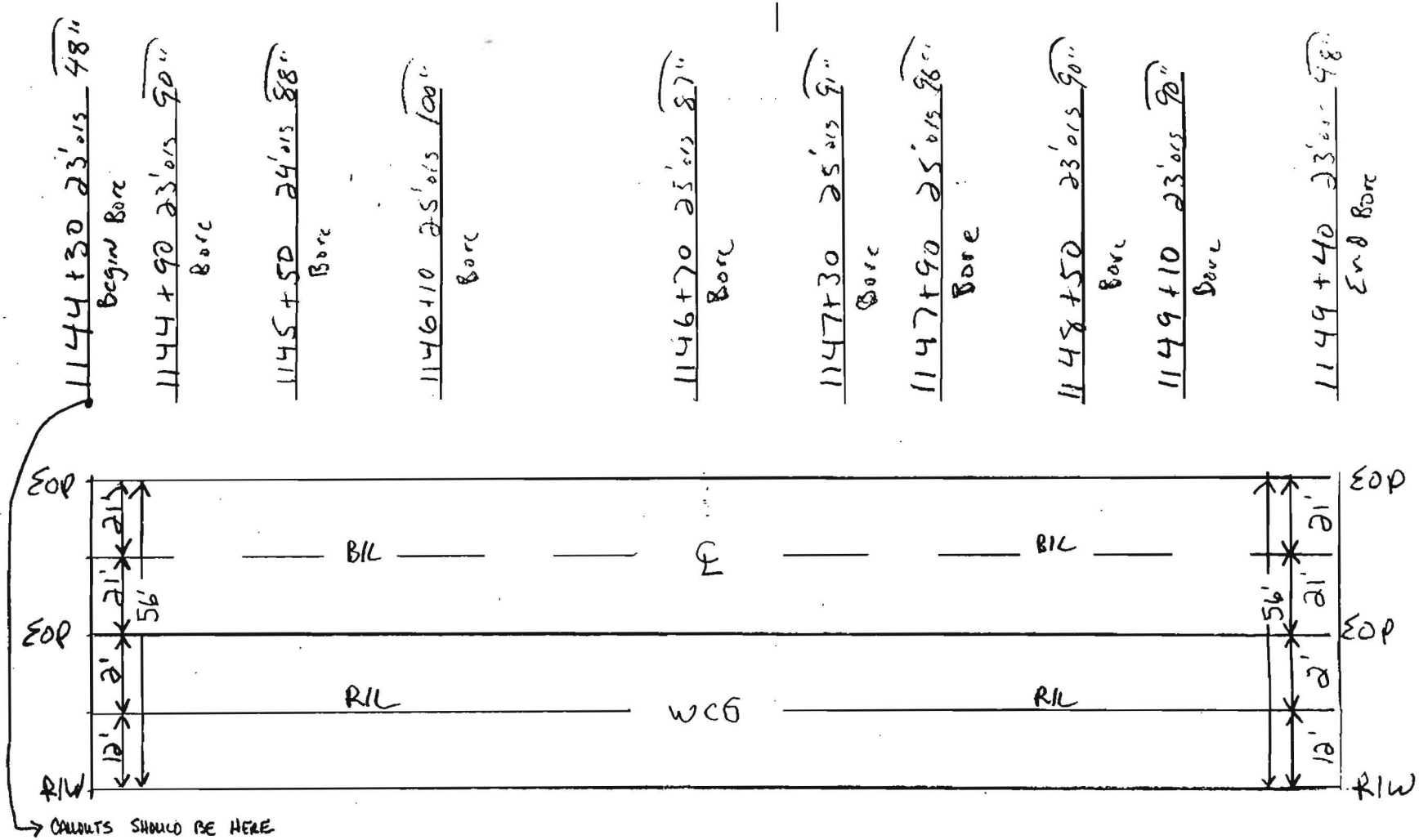
Page No. 1 of 2

Drawing #: SACR 212-4

From: Point Arena

To: SACRAMENTO

← N —



Notes:	County:	Contractor:
2 1½ HDPE orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black.	Duct Configuration:	Inspector: JR Smith

Williams Construct[illegible]-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 12-0[illegible]

Page No. 2 of [illegible]

Drawing #: SACR-212-4

From: POINT ARENA

To: SACRAMENTO

N

1144+30 23'ols Begin Bore

1144+90 23'ols Bore

1145+50 24'ols Bore

1146+10 25'ols Bore

1146+70 25'olr Bore

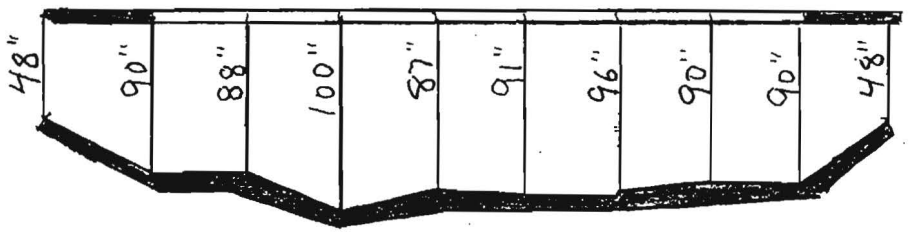
1147+30 25'ols Bore

1147+90 25'ols Bore

1148+50 23'ols Bore

1149+10 23'ols Bore

1149+40 23'ols End Bore



Notes:	County:	Contractor:
2 1/2 HDPE Orange Blue 1 1/4 Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: JR Smith

Williams Construct[illegible]-Built Documentation

Spread Location:

Spread No. South 4P

AFE No. 4875

Contract No. 99P154.16

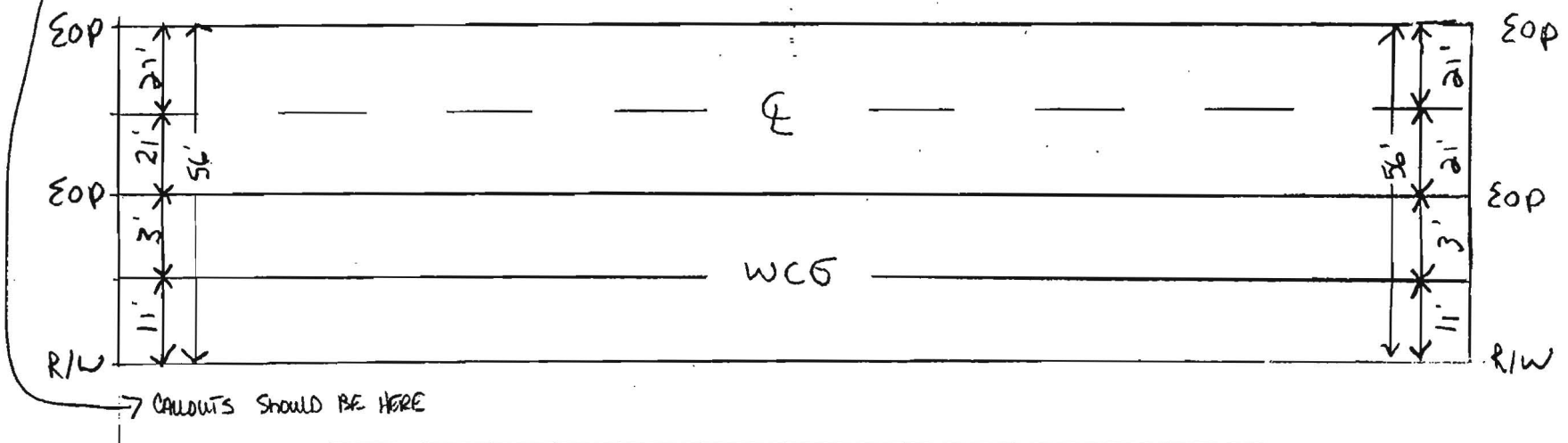
Date: 12-0[illegible]

Page No. 1 of [illegible]

Drawing #: SACR-212-4

From: POINT ARENA ← N → To: SACRAMENTO

1149+45	24'0/S 48" Begin Bore
1149+60	24'0/S 20" Bore
1150+20	23'0/S 107" Bore
1150+80	25'0/S 100" Bore
1151+40	25'0/S 99" Bore
1152+00	23'0/S 97" Bore
1152+60	24'0/S 83" Bore
1153+20	24'0/S 65" Bore
1153+80	24'0/S 58" Bore
1154+05	24'0/S 48" End Bore



Notes:

2 1½ HDPE Orange, Blue

1 1¼ HDPE Black

1.11

County: Sonoma

Duct Configuration:

Contractor: TIDWELL

Inspector: JR SMITS

Williams Construct[illegible]-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P134.16

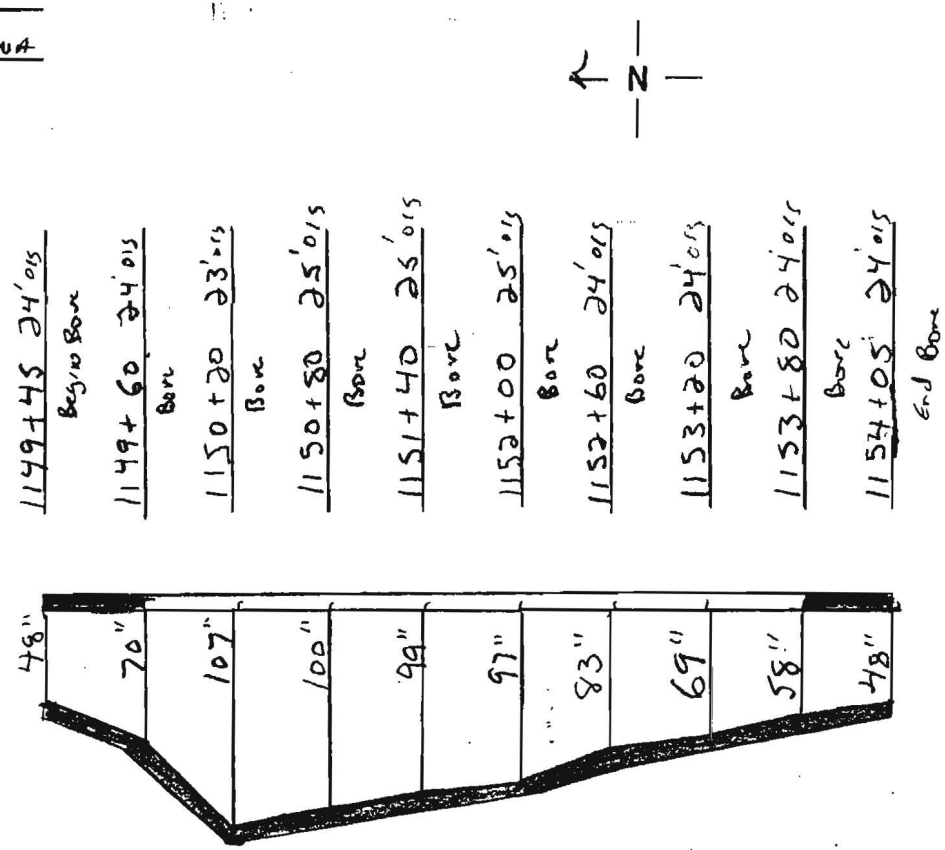
Date: 12.0[illegible]

Page No. 2 of

Drawing #: SACR-212-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector:
1.11		JR Smith

Williams Construc[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

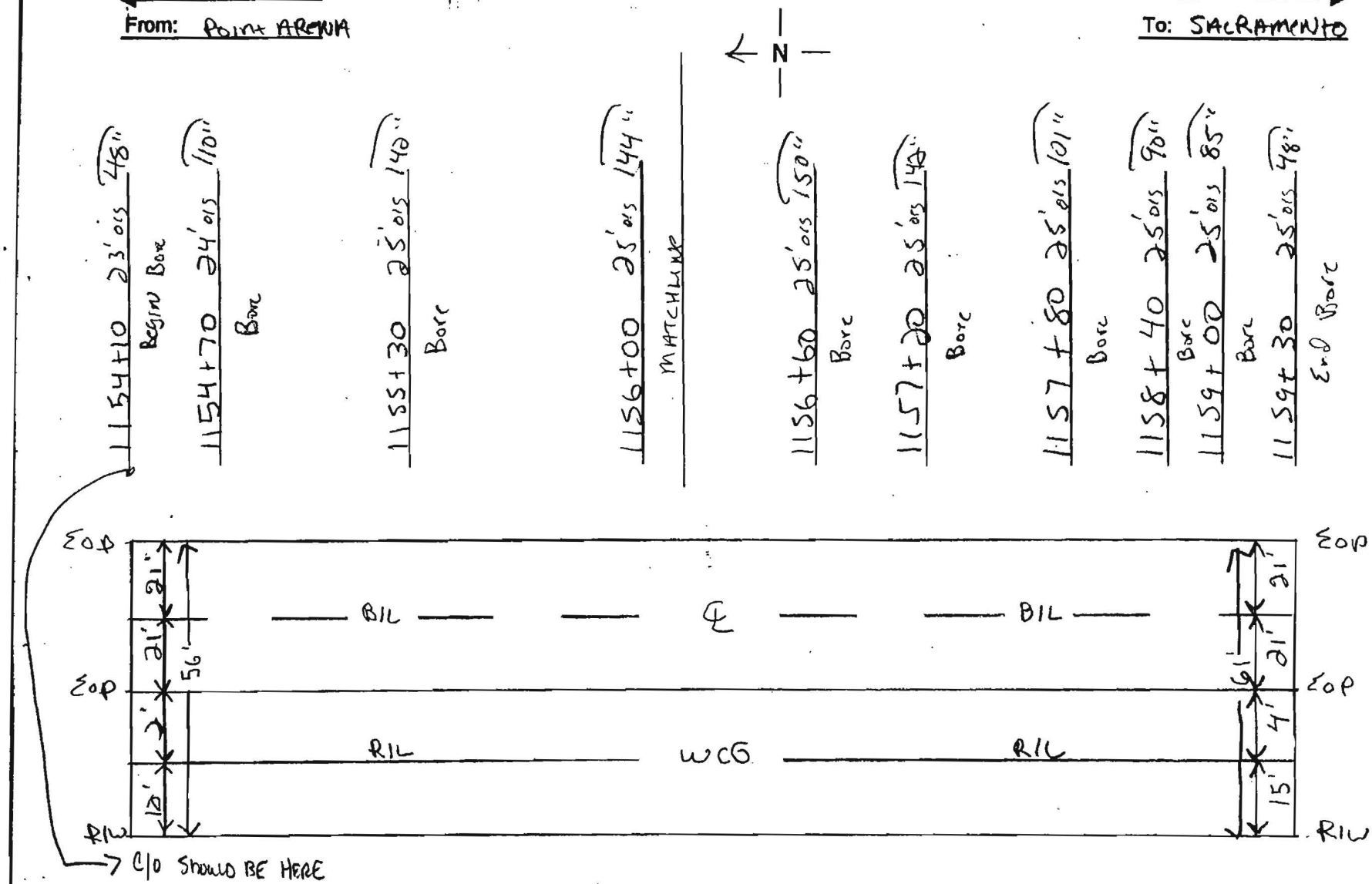
Date: 12-[illegible]

Page No. 1 of [illegible]

Drawing #: SACR-212-213-4

From: Point ARENA

To: SACRAMENTO



Notes:	County: Sonoma	Contractor: Tidwell / Pin Point
2 1 1/2 HDPE orange, Blue	Duct Configuration:	Inspector: JR Smith
1 1 1/4 HDPE Black		

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: D-8

Page No. 2 of

Drawing #: SACR 2B-213

From: Point ARENA

To: SACRAMENTO

N

1154+10 23'ols Begin Bore

1154+70 24'ols Bore

1155+30 25'ols Bore

1156+00 25'ols Bore MATCH LINE

1156+60 25'ols Bore

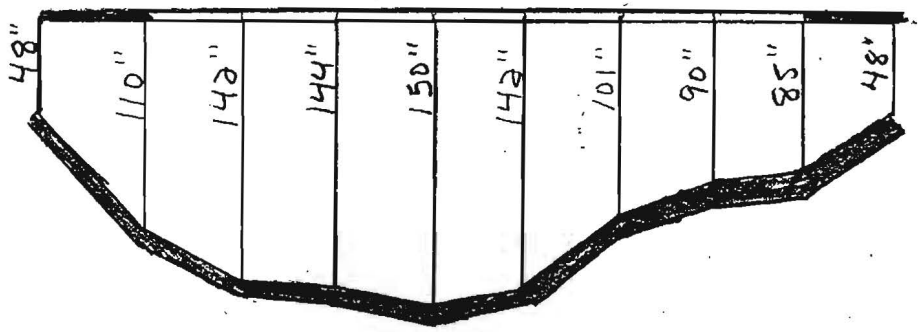
1157+20 25'ols Bore

1157+80 25'ols Bore

1158+40 25'ols Bore

1159+00 25'ols Bore

1159+30 25'ols End Bore



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell / PIN POINT
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMITH

COUNTY OF SONOMA

FIBER STATIONING

1156+72 3' RT. TELE. POLE
1157+22 89' LT. UTIL POLE
1157+67 19' RT. FENCE CORNER
1157+81 17' RT. FENCE CORNER
1157+89 2' LT. TRAFFIC SIG.
1158+19 5' RT. TELE. POLE
1159+03 6' RT. FENCE CORNER
1159+18 5' RT. FENCE CORNER
1159+56 61' LT. CULVERT
1159+60 96' LT. FENCE CORNER
1159+69 4' RT. TELE. POLE
1159+79 70' LT. DRIVEWAY
1159+89 96' LT. FENCE CORNER
1160+01 63' LT. CULVERT
1160+65 89' LT. UTIL. POLE
1160+87 2' LT. TRAFFIC SIG.
1161+08 5' RT. TELE. POLE
1162+20 74' LT. CULVERT
1162+25 73' LT. CULVERT
1162+60 80' LT. HEADWALL
1162+61 66' LT. BOX CULVERT
1162+62 5' RT. TELE. POLE
1162+70 60' LT. HEADWALL
1162+76 3' RT. FENCE CORNER
1162+78 85' LT. HEADWALL
1162+86 BEGIN STEEL
1162+89 74' LT. DRIVEWAY
1163+09 89' LT. UTIL POLE
1163+15 7' RT. STORM MH
1163+44 4' RT. HEADWALL
1163+58 1' LT. TRAFFIC SIG.
1163+58 6' LT. TRAFFIC SIG.
1163+59 74' LT. HANDHOLE
1163+66 5' RT. TELE. POLE
1163+67 95' LT. FENCE CORNER
1163+74 7' RT. ELEC. VAULT
1163+82 79' LT. TRAFFIC SIG.
1163+83 68' LT. TRAFFIC SIG.
1163+84 1' RT. TRAFFIC SIG.
1163+85 8' RT. TELE. PED.
1163+90 64' LT. TRAFFIC SIG.
1163+95 END STEEL
1164+09 87' RT. TELE. POLE
1164+15 3' RT. HEADWALL
1164+20 4' RT. CULVERT
1164+23 4' RT. HEADWALL
1164+26 13' RT. SIGNAL BOX
1164+30 13' RT. FENCE CORNER
1164+38 4' RT. FENCE CORNER
1164+39 73' LT. CRANE CANYON
1164+63 1' LT. CULVERT
1164+68 6' RT. FENCE CORNER
1164+71 BEGIN STEEL
1164+78 85' LT. DROP INLET
1164+81 TRAFFIC SIG.
1164+85 1' RT. TRAFFIC SIG.
1164+89 84' LT. TRAFFIC SIG.
1164+93 83' LT. TRAFFIC SIG.
1165+03 END STEEL
1165+03 77' LT. TRAFFIC SIG.
1165+11 CULVERT
1165+17 79' LT. TRAFFIC SIG.
1165+21 2' LT. TRAFFIC SIG.
1165+21 6' RT. UTIL POLE
1165+26 91' LT. TRAFFIC SIG.
1165+29 77' LT. TRAFFIC SIG.
1165+35 77' LT. TRAFFIC SIG.
1165+35 82' LT. PED
1165+51 1' LT. CULVERT
1165+53 10' RT. FENCE CORNER
1165+71 CULVERT
1165+74 79' LT. CULVERT
1165+86 94' LT. FENCE CORNER
1166+28 87' LT. ELEC. BOX
1166+31 87' LT. UTIL. POLE

#1 11594+35 ALLDUCT SPLICE
#1 11631+70 FIBER MANHOLE
#3 ROAD STATIONING #1

POINT ARENA ← SONOMA COUNTY CALIFORNIA → SACRAMENTO

#2 #3 #1

MATCH LINE SHT. 212-SPRD 4 1156+00

1168+00 MATCH LINE SHT. 214-SPRD 4

ASPHALT DRIVE
PETALUMA HILL ROAD
Centerline of pavement
ASPHALT DRIVE
CRANE CANYON ROAD
Centerline of pavement
ASPHALT DRIVE
ASPHALT DRIVE
ASPHALT DRIVE

25'@S 48"
30'@S 48"
30'@S 48"

65'
60'
40'
43'
4'
6'
6'

SIGNAL WARNING SIGN

WILLIAMS FIBER ROUTE

BAUMGARDNER LANE

D-COTATI-14

DIRECTIONAL BORE UNDER CRANE CANYON MIN. 6' DEPTH

BEG TRENCH
END TRENCH

1156+00	1157+00	1158+00	1159+00	1160+00	1161+00	1162+00	1163+00	1164+00	1165+00	1166+00	1167+00	1168+00
25'@S 150"	25'@S 142"	25'@S 101"	25'@S 90"	25'@S 85"	FND RODE	30'@S 70"	32'@S 120"	33'@S 120"	34'@S 100"	34'@S 87"	34'@S 56"	33'@S 70"
1154+40	1157+20	1157+80	1158+40	1159+00	1159+35	1159+45	1160+10	1160+70	1161+30	1161+90	1162+50	1163+10

1163+70 ENT	1163+80	1164+40	1165+00	1165+11	1165+40	1165+71	1166+20	1166+80	1167+40	1167+66	1167+94	
RODE / PACE TRENCH	RODE / END TRENCH	30'@S 110"	21'@S 125"	CULVERT	21'@S 130"	CULVERT	21'@S 143"	21'@S 150"	21'@S 155"	CULVERT	CULVERT	

12" 12" 12"

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK, 1-1.5" BLDE, 1-1.5" ORANGE HDPE

1156+00	1159+30		1159+35	1161+50	1163+10	1163+80	1163+90	1165+95
1159+30	1154+35		1161+50	1163+70	1163+80	1164+99	1168+00	
330'	5'		215'	220'	10'	215'	205'	
1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.04.00 PIN POINT DRLG	TRENCH 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.50.00 TIDWELL	60A TRACER WIRE JEB SINCRAUGH 6-15-01 IN BLACK 1.25 HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.05.00 PIN POINT DRLG	1.11 &3.21 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.05.00 PIN POINT DRLG	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 17.11.00 TIDWELL	1.11 &3.21 2-1.5" HDPE 1-1.25" HDPE JR SMITS PIN POINT DRLG 12.08.00	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS PIN POINT DRLG 12.08.00	

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS
EMERGENCY NOTIFICATION NUMBER
1-800-582-9069

CAUTION
WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :
1-800-227-2600

DRAWING DISCLAIMER
FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION
CABLE FIBER COUNT MFG. TYPE OF GLASS
CABLE REEL NO.
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)
STEEL PIPE SIZE
PVC

FUTURE UNIT PLACE
FUTURE-2
FUTURE-3
FUTURE-4

Williams COMMERCIAL GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-213-SPRD 4

Williams Construct[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 10-[illegible]

Page No. 1 of

Drawing #: SACR-213-213-4

From: POINT ARENA

To: SACRAMENTO

N

11547+10 23' o/s 48" Begin Bore

11547+70 24' o/s 110" Bore

11553+30 25' o/s 148" Bore

11556+00 25' o/s 144" MATCHLINE

11556+60 25' o/s 150" Bore

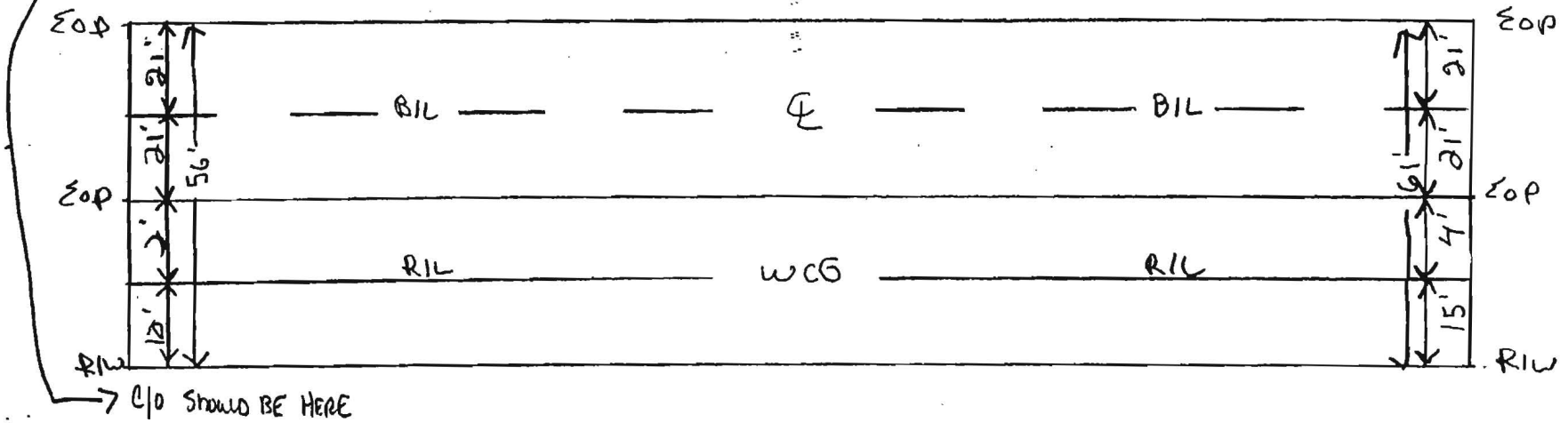
11557+20 25' o/s 148" Bore

11557+80 25' o/s 101" Bore

11558+40 25' o/s 90" Bore

11559+00 25' o/s 85" Bore

11559+30 25' o/s 78" End Bore



Notes:

→ 1½ HDPE orange, Blue

County: Sonoma

Duct Configuration:

Contractor: Tidwell / PIN POINT

Inspector: JR SMITH

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: D-04

Page No. 2 of

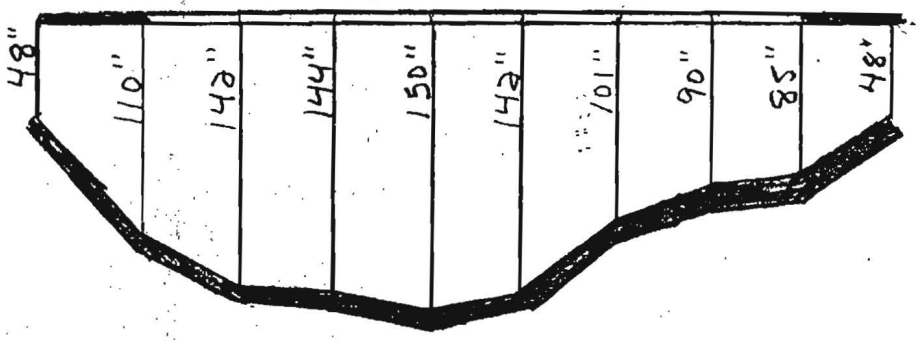
Drawing #: SACR 212-213

From: Point ARENA

To: SACRAMENTO

N

1154+10	23' o/s Begin Bore
1154+70	24' o/s Bore
1155+30	25' o/s Bore
1156+00	25' o/s Bore MATCH LINE
1156+60	25" o/s Bore
1157+20	35' o/s Bore
1157+80	25' o/s Bore
1158+40	25' o/s Bore
1159+00	35' o/s Bore
1159+30	25' o/s End Bore



Notes:

2 1½ HDPE orange, Blue

1 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell / PIN POINT

Inspector: JR SMITH

Williams

Williams Constructi[illegible]s-Built Documentation

Spread Location:

Spread No. South 48

AFE No. 4875

Contract No. 99P154.16

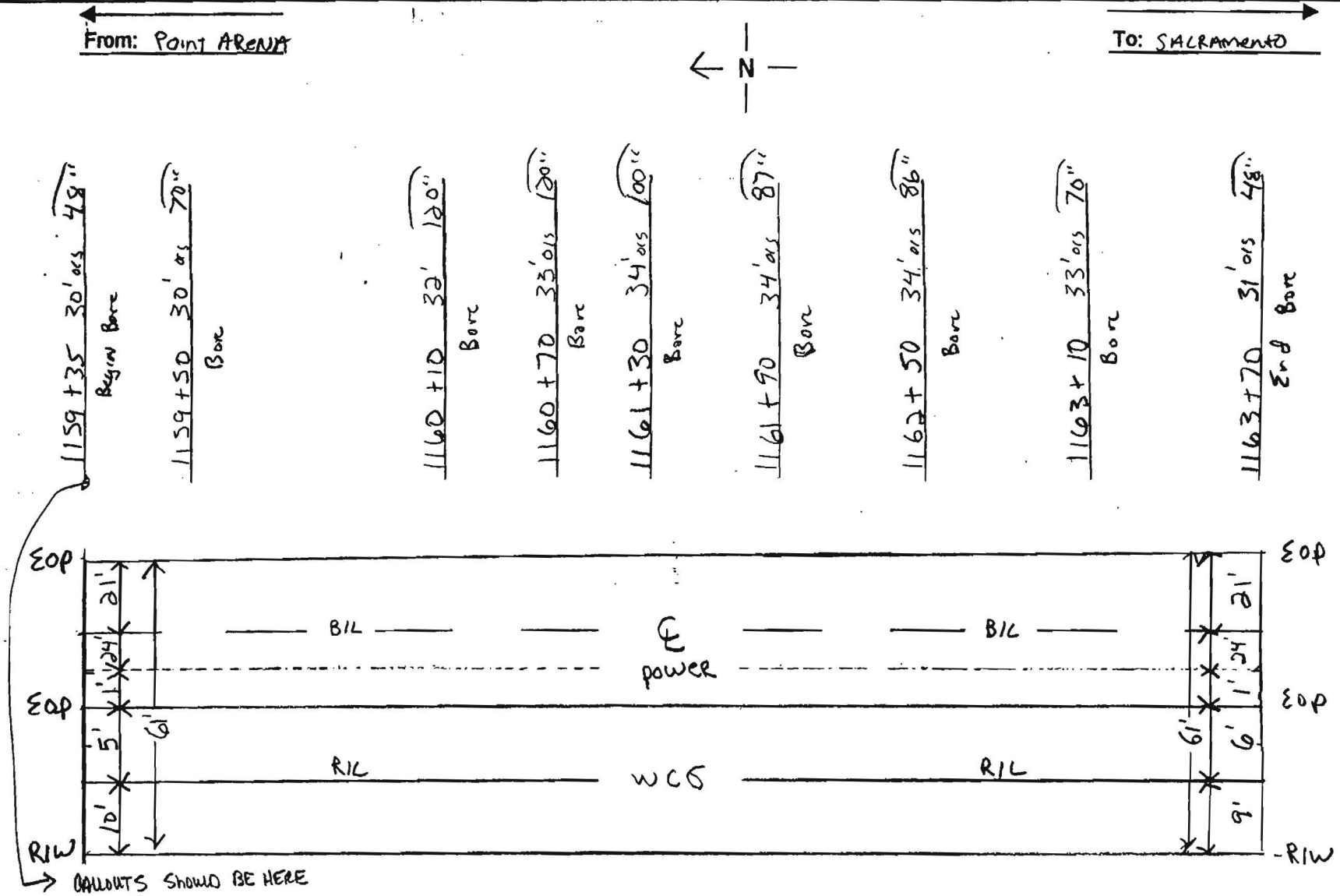
Date: 12-0[illegible]

Page No. 1 of [illegible]

Drawing #: SACR 213-4

From: Point ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1 1/2 HDPE orange Blue	Sonoma	Tidwell / PinPoint
1 1 1/4 HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Construct[illegible]s-Built Documentation

Spread Location:

Spread No. South 48

AFE No. 4875

Contract No. 99P134.16

Date: 10-0

Page No. 2 of

Drawing #:

SALR 213-00

From: POINT ARENA

To: SACRAMENTO

N

1159+35 30' o/s Begin Bore

1159+50 30' o/s Bore

1160+10 32' o/s Bore

1160+70 33' o/s Bore

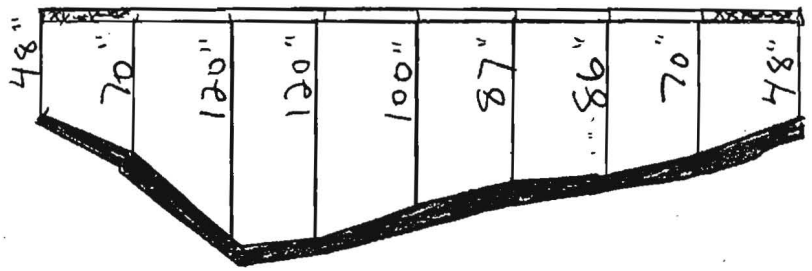
1161+30 34' o/s Bore

1161+90 34' o/s Bore

1162+50 34' o/s Bore

1163+10 33' o/s Bore

1163+70 31' o/s End Bore



Notes:	County:	Contractor:
2 1 1/2 HDPE Blue, Orange 1 1 1/4 HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: JR Smith

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

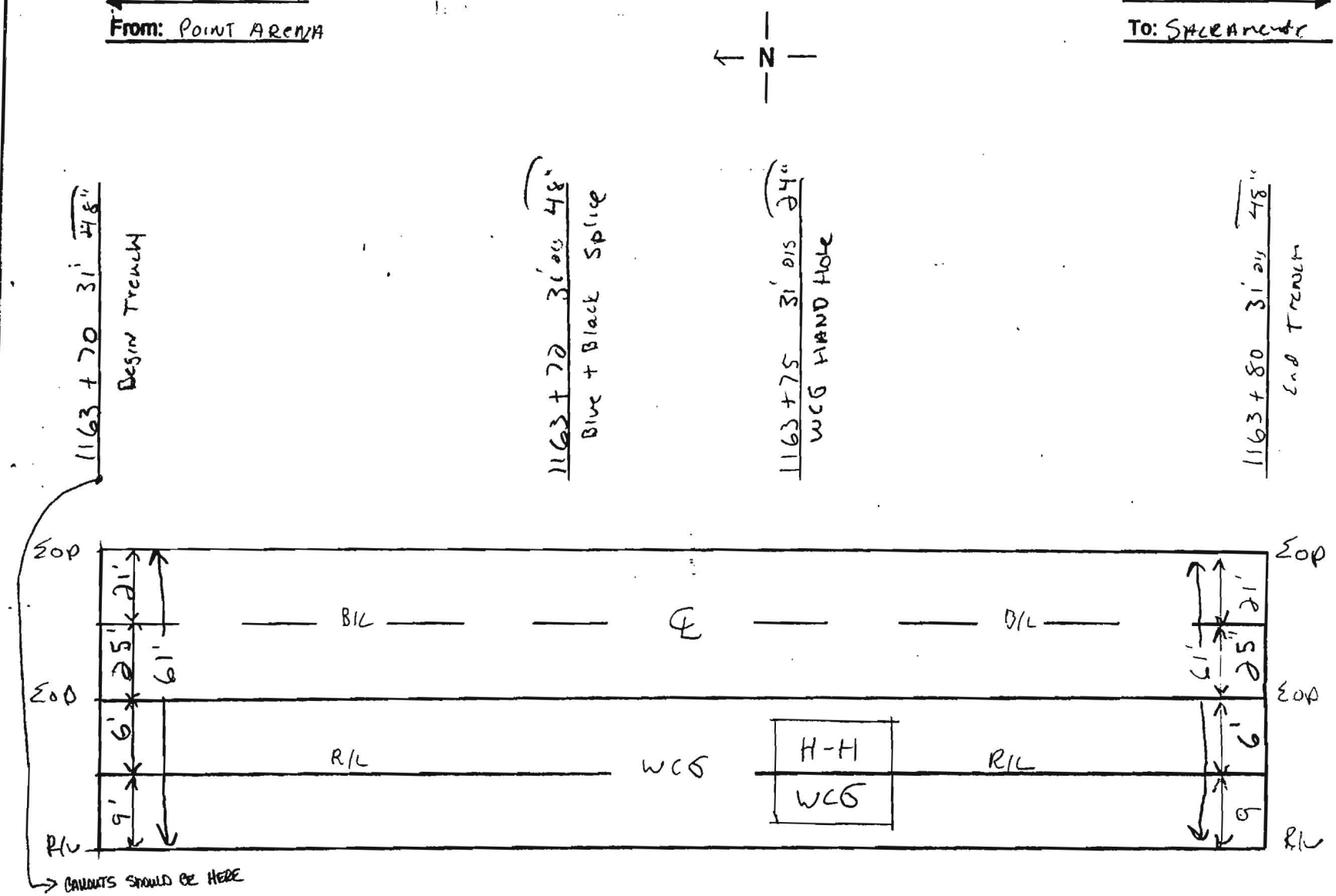
Date: 12-11

Page No. 2

Drawing #: SACR 213-4

From: POINT ARENA

To: SACRAMENTO



Notes:	County: Sonoma	Contractor: Tidwell
2 1½ HDPE Orange Blue	Duct Configuration:	Inspector: JR Smith

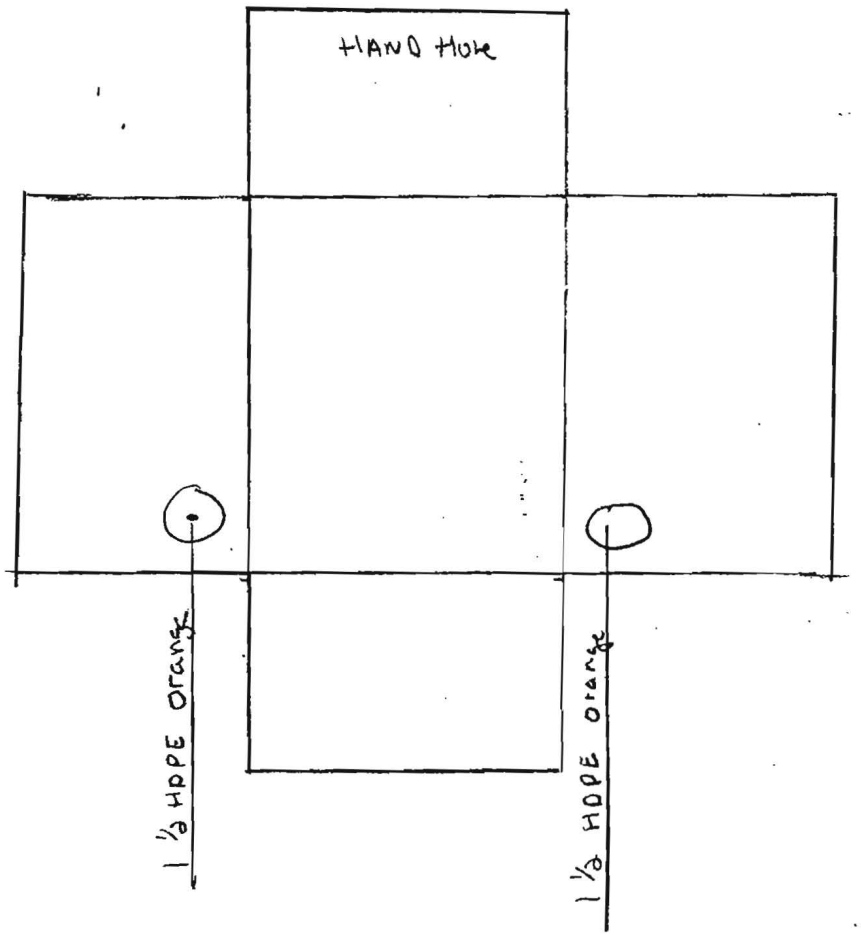
Williams Construct[illegible]s-Built Documentation

Spread Location:
Spread No. South 4D
AFE No. 4875
Contract No. 99P154.16

Date: 12-1
Page No. 1 of
Drawing #: JACR 213-4

From: POINT ARENA ← **To:** SACRAMENTO

N



Notes:	County:	Contractor:
2 1 1/2 HDPE Orange Blue	Sonoma	Tidwell
1 1 1/4 HDPE Black	Duct Configuration:	Inspector:
* Blue / Black Down Side Splice		JR Smith

Williams Construc[illegible] As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

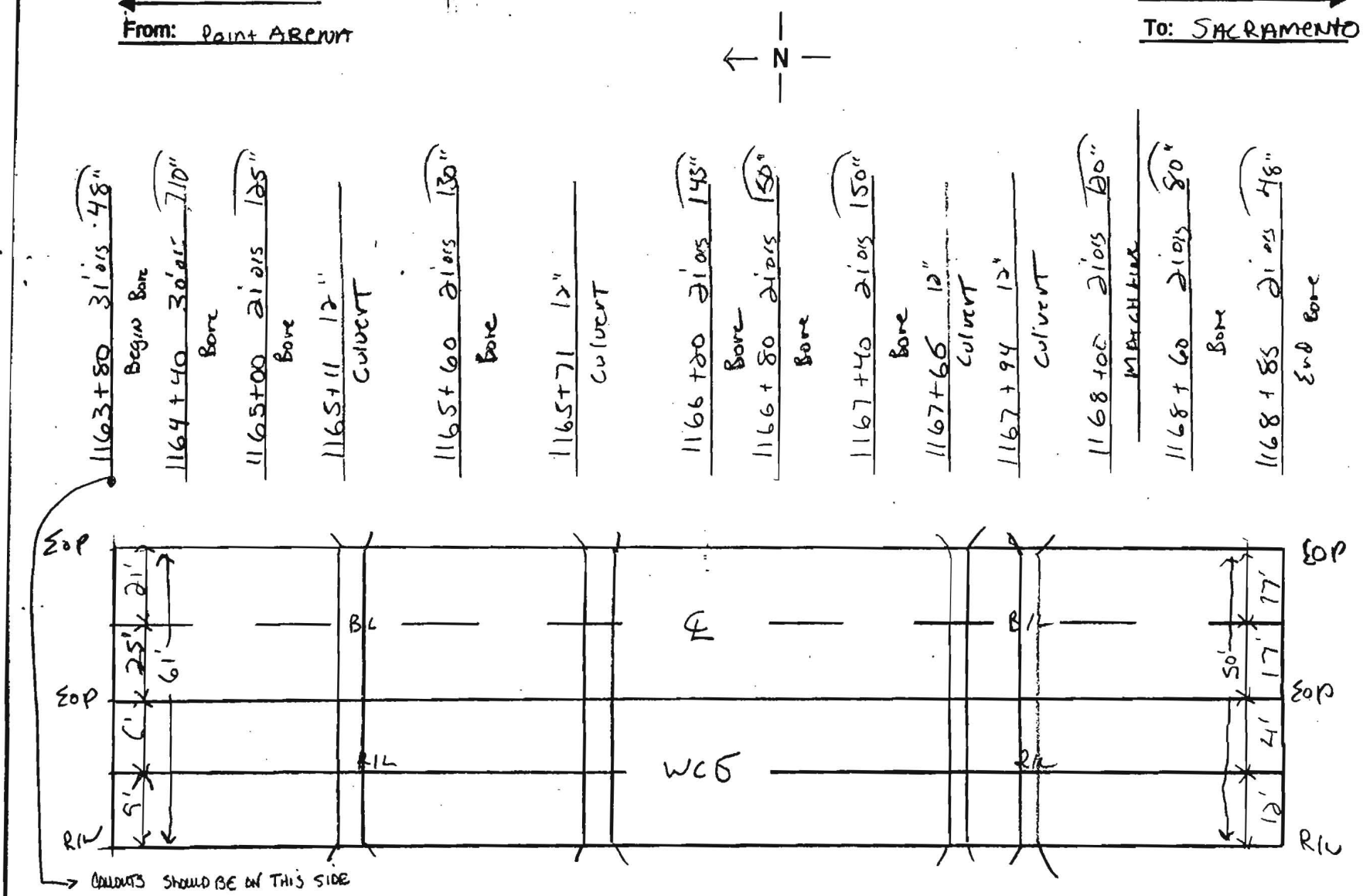
Date: 12-[illegible]

Page No. 1 of [illegible]

Drawing #: SACR 213, 214.4

From: Point Arena

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE orange Blue	Sonoma	Tidwell / Pinpoint
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Construct[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4825

Contract No. 99P154.16

Date: 12-08-

Page No. 2 of

Drawing #:

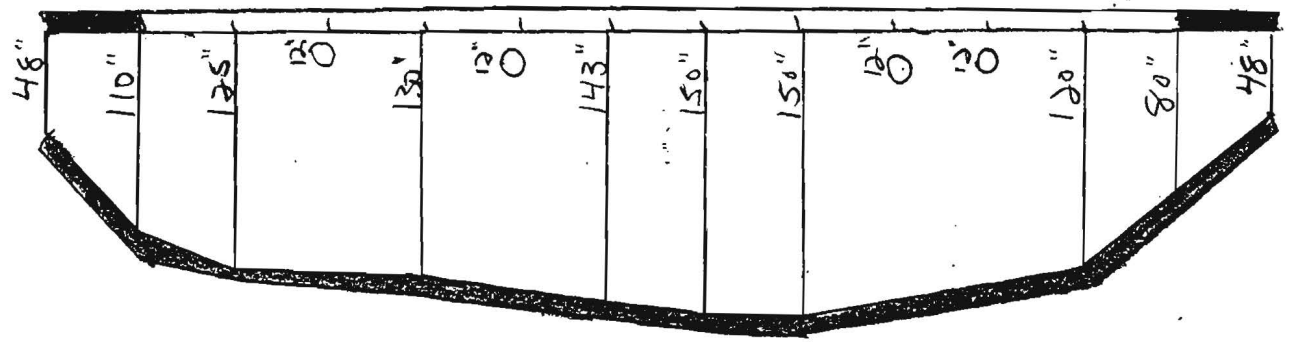
JACK 13-214-4

From: POINT ARENA

N

To: SACRAMENTO

11163+80	31'o/s Begin Bore
11164+40	30'o/s Bore
11165+00	21'o/s Bore
11165+11	12" Culvert
11165+60	21'o/s Bore
11165+71	12" Culvert
11166+20	21'o/s Bore
11166+80	21'o/s Bore
11167+40	21'o/s Bore
11167+66	12" Culvert
11167+94	12" Culvert
11168+00	21'o/s Bore MATCH LINE
11168+60	21'o/s Bore
11168+85	21'o/s End Bore



Notes:	County:	Contractor:
2 1½ HPPE Orange Blue	Sonoma	T.dwell / PinPoint
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMHS

COUNTY OF SONOMA

FIBER STATIONING

1167+66 CULVERT
1167+87 84' LT. FENCE CORNER
1167+94 CULVERT
1168+05 59' LT. TRAFFIC SIG.
1168+28 5' RT. TELE. POLE
1168+38 64' LT. CULVERT
1168+64 65' LT. DRIVEWAY
1168+89 59' LT. CULVERT
1169+58 CULVERT
1169+62 58' LT. UTIL. POLE
1169+63 8' RT. FENCE CORNER
1169+86 5' RT. TELE. POLE
1169+86 6' RT. FENCE CORNER
1169+92 CULVERT
#2 1168+87 SPLICE PULL DUCT.

1170+90 FIBER MARKER #1
1171+00 41' LT. TRAFFIC SIG.
1171+10 58' LT. FENCE
1171+11 48' LT. FENCE CORNER
1171+16 7' RT. FENCE CORNER
1171+58 3' RT. TELE. POLE
1171+63 8' RT. FENCE CORNER

1173+05 2' RT. TELE. POLE
1173+16 45' LT. UTIL. POLE
1173+29 48' LT. TRAFFIC SIG.
#1 1173+85 SPLICE PULL DUCT.
1174+67 2' RT. TELE. POLE
1175+25 5' RT. FENCE CORNER
1175+50 CULVERT
1175+76 44' LT. UTIL. POLE
CULVERT
1175+79 5' RT. FENCE CORNER
1175+99 48' LT. FENCE
1176+27 2' RT. TELE. POLE

1177+18 49' LT. FENCE CORNER
1177+25 45' LT. CULVERT
1177+25 45' LT. CULVERT
1177+36 CULVERT
1177+42 42' LT. DRIVEWAY
1177+54 40' LT. HEADWALL
1177+54 49' LT. HEADWALL
1177+54 44' LT. CULVERT
1177+55 45' LT. CULVERT
1177+55 46' LT. UTIL. POLE
1177+56 46' LT. UTIL. POLE
1177+56 50' LT. FENCE CORNER
1177+60 CULVERT
1177+82 4' RT. UTIL. POLE
#3 1177+25 PULL DUCT SPLICE
#5 1177+35 FIBER MARKER

1179+03 UTIL. POLE
1179+21 4' RT. HEADWALL
1179+29 43' LT. CREEK
1179+34 BEGIN STEEL
1179+45 END STEEL
1179+69 48' LT. TREE

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY CALIFORNIA

SACRAMENTO →

#2 · H · #1 · #3 · #5

MATCH LINE SHT. 213–SPRD 4 1168+00

ASPHALT DRIVE 21'0S 48"

RIGHT-OF-WAY BY OCCUPATION

21'0S 48"

74'

23'

21'0S 48"

WL-COTATI-1

RIGHT-OF-WAY BY OCCUPATION

Centerline of pavement

PETALUMA HILL ROAD

21'0S 48"

21'0S 48" ASPHALT DRIVE

C/L FLOOD CONTROL CREEK

28'

Centerline of pavement

MATCH LINE SHT. 215–SPRD 4 1180+00

1168+00 | 1169+00 | 1170+00 | 1171+00 | 1172+00 | 1173+00 | 1174+00 | 1175+00 | 1176+00 | 1177+00 | 1178+00 | 1179+00 | 1180+00

4' · 33' · RIGHT-OF-WAY BY OCCUPATION · WILLIAMS FIBER ROUTE · 28' · 4'

ASPHALT DRIVE

ASPHALT DRIVE

BEG TRENCH

END TRENCH

D/R-COTATI-13

1168+00	1168+85	1168+90		1173+80	1173+90	1177+10	1177+35
1168+85	1168+90	1173+80		1173+90	1177+10	1177+35	1180+00
85'	5'	480'		10'	320'	25'	265'
1.11	1.11	1.11		1.11	1.11	TRENCH	BORE
2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE		2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE
1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE		1-1.25" HDPE	1-1.25" HDPE	1-1.5" HDPE	1-1.25" HDPE
JR SMITS	JR SMITS	JR SMITS		JR SMITS	JR SMITS	JEB SINCRUSH	JEB SINCRUSH
12-08-00	12-11-00	12-06-00		12-11-00	12-07-00	3-13-01	3-13-01
TIDWELL	TIDWELL	TIDWELL		TIDWELL	TIDWELL	TIDWELL	TIDWELL

66A TRACER WIRE JEB SINCRUSH 6-15-01 IN BLACK 1.25" HDPE

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1–1.5" ID HDPE, 1–1.5" ID HDPE (SPARE), 1–1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

Notes:

1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Lines
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- OB Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1–800–582–9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE 1–888–945–2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1–800–227–2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/15

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE–2	FUTURE UNIT PLACE
FUTURE–3	
FUTURE–4	

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY :	B&V	DATE : 03/10/00
CHECKED BY :	B&V	DATE : 03/10/00
APPROVED BY :		DATE :
APPROVED BY :		DATE :
AFE : 4113	LOC. CODE :	
HORIZONTAL SCALE (DWG & PROF) :	1"=100'	
VERTICAL SCALE (DWG) :		
VERTICAL SCALE (PROF) :		
MAP PROJECTION :		

DRAWING NUMBER : SACR–214–SPRD 4

Williams Constructi[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

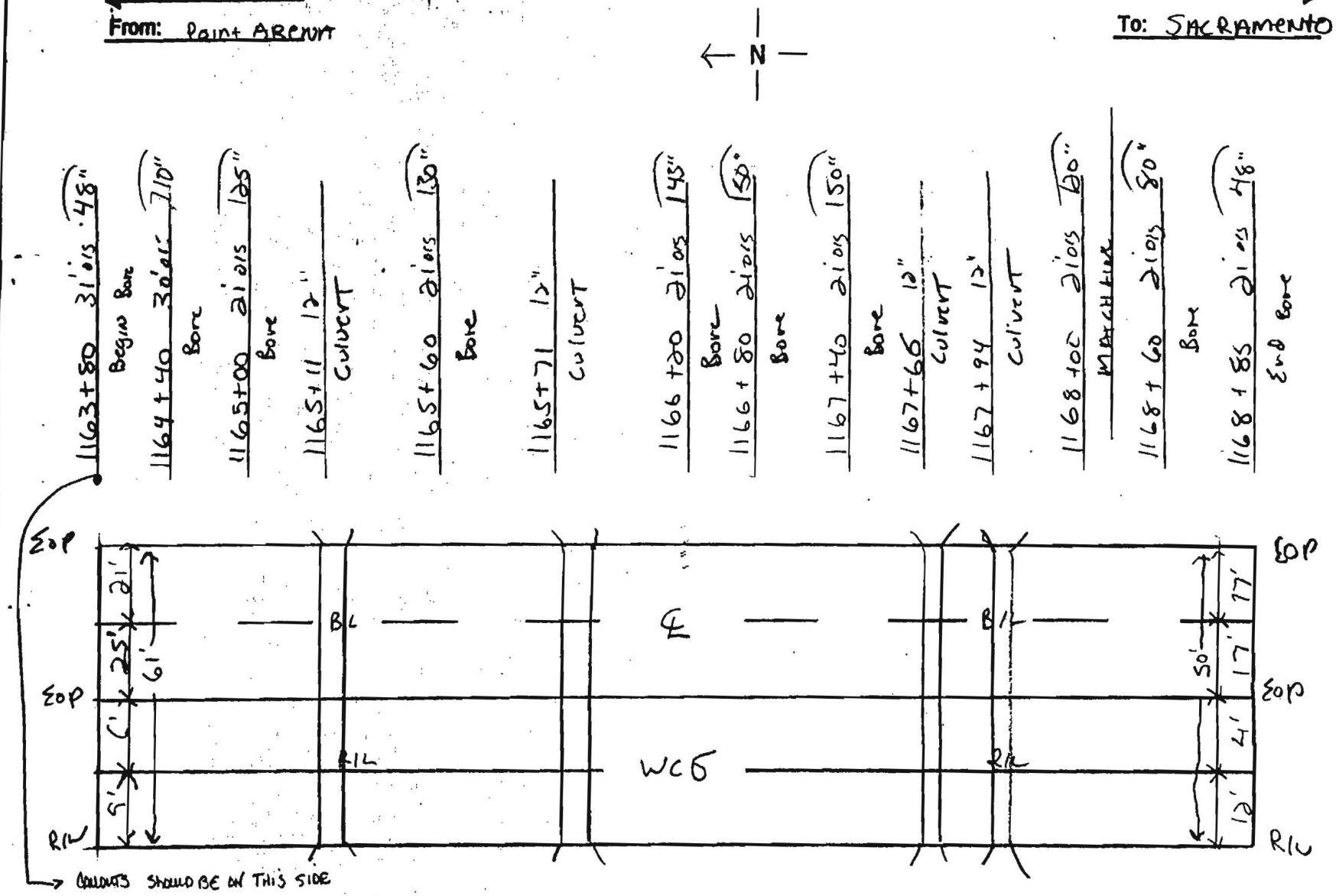
Date: 12-0[illegible]

Page No. 1 o[illegible]

Drawing #: SACR 213, 214.4

From: Point ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE orange Blue	Sonoma	Tidwell / PINPOINT
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMHS

Williams Constructi[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4625

Contract No. 99P154.16

Date: 12-08-

Page No. 2 of

Drawing #:

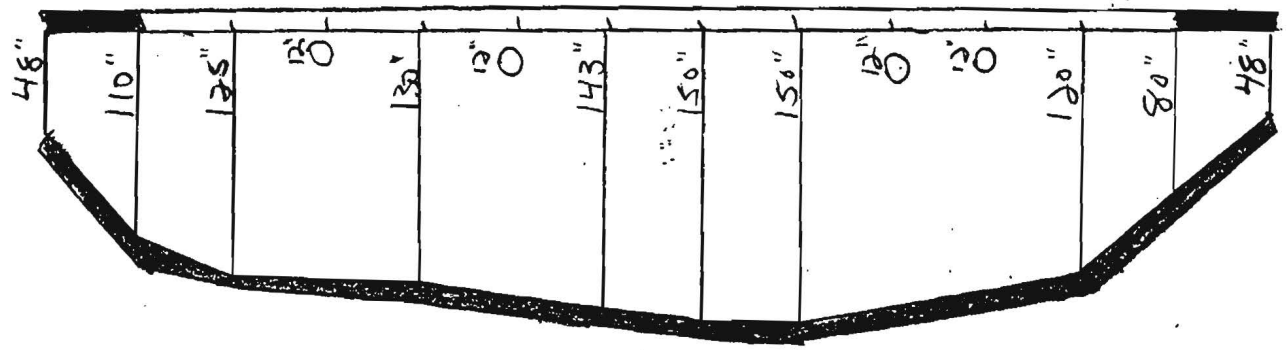
JACK 013-014-4

From: POINT ARENA

To: SACRAMENTO

N

1163+80	31'o/s Begin Bore
1164+40	30'o/s Bore
1165+00	21'o/s Bore
1165+11	12" Culvert
1165+60	21'o/s Bore
1165+71	12" Culvert
1166+20	21'o/s Bore
1166+80	21'o/s Bore
1167+40	21'o/s Bore
1167+66	12" Culvert
1167+94	12" Culvert
1168+00	21'o/s Bore MATCH LINE
1168+60	21'o/s Bore
1168+85	21'o/s End Bore



Notes:

2 1½ HPPE orange Blue

1 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: T.Dwell / PinPoint

Inspector: JR SMHS

Williams

Williams Construct[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 12-[illegible]

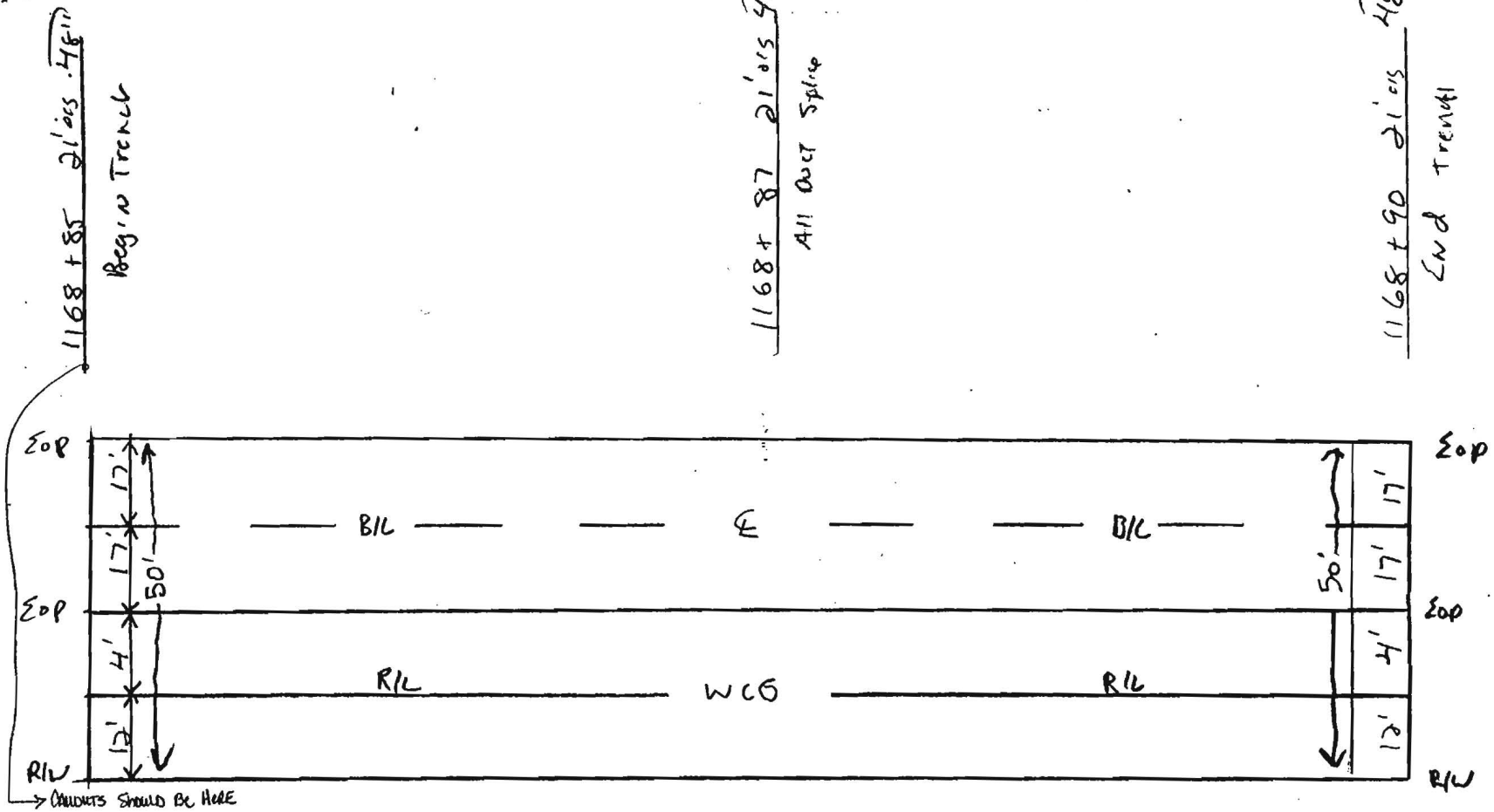
Page No. 1

Drawing #: SACR 214-4

From: Point Arena

To: Sacramento

N



Notes:	County:	Contractor:
2 1½ HDPE orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector:
		V R Smith

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99154.16

Date: 12-01

Page No. 1 of

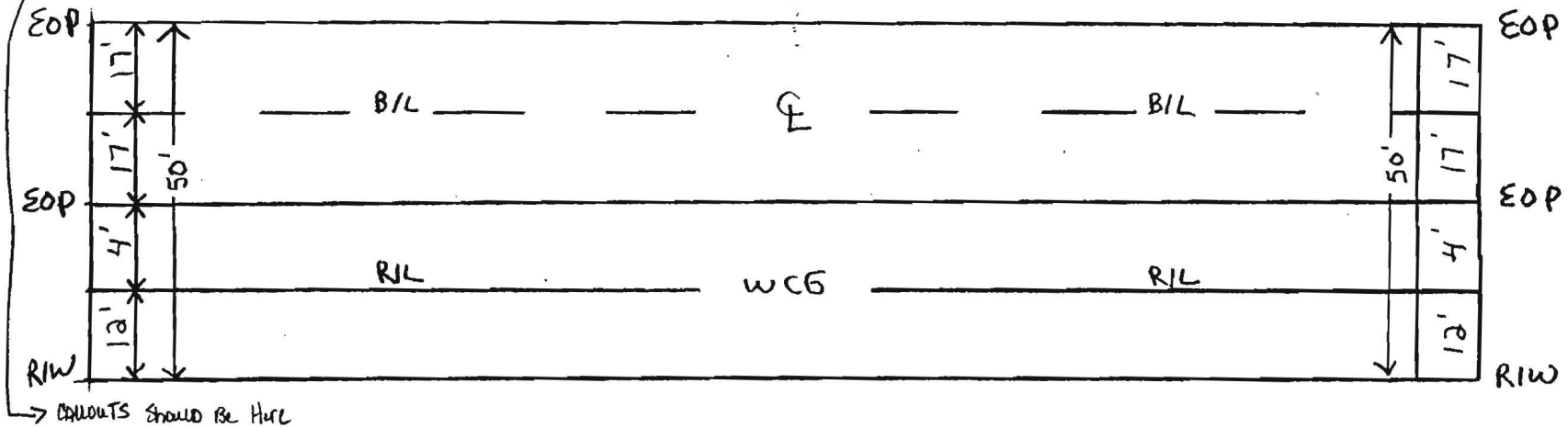
Drawing #: SACR 214-00

From: POINT ARENA

To: SACRAMENTO

N

1168+90	1169+50	1169+58	1169+92	1170+10	1170+70	1171+30	1171+90	1172+50	1173+10	1173+80
48"	61"			101"	102"	91"	92"	93"	96"	48"
21' ois	21' ois			21' ois	21' ois	21' ois	21' ois	21' ois	21' ois	21' ois
Begin Bore	Bore	CULVERT	CULVERT	Bore	Bore	Bore	Bore	Bore	Bore	End Bore



Notes:	County:	Contractor:
2 1½ HDPE orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMITH

Williams Construct[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 12-0[illegible]

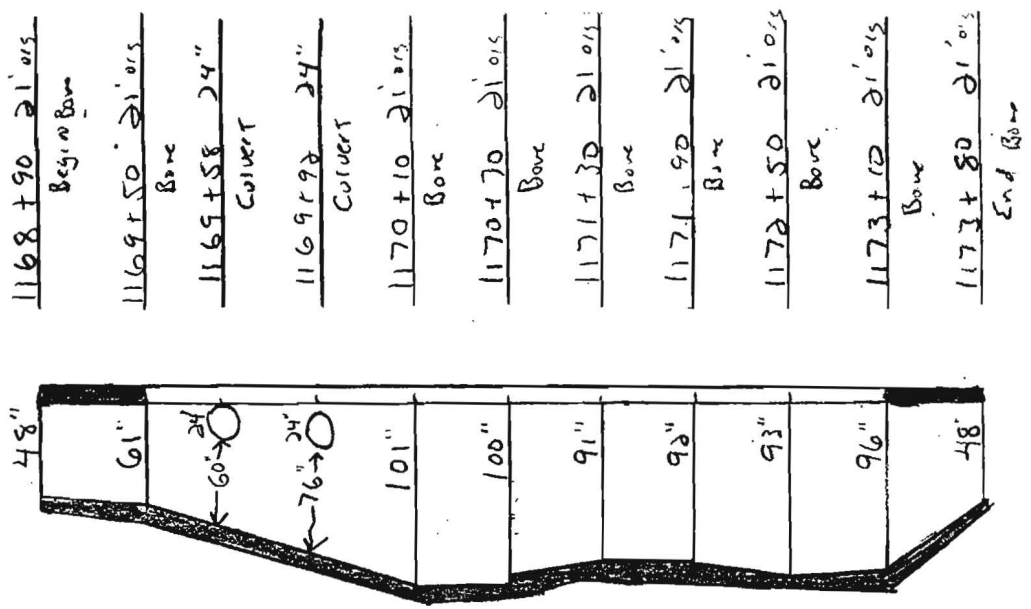
Page No. 2 of [illegible]

Drawing #: SHCR 214-4

From: Point Arena

To: Sacramento

← N —



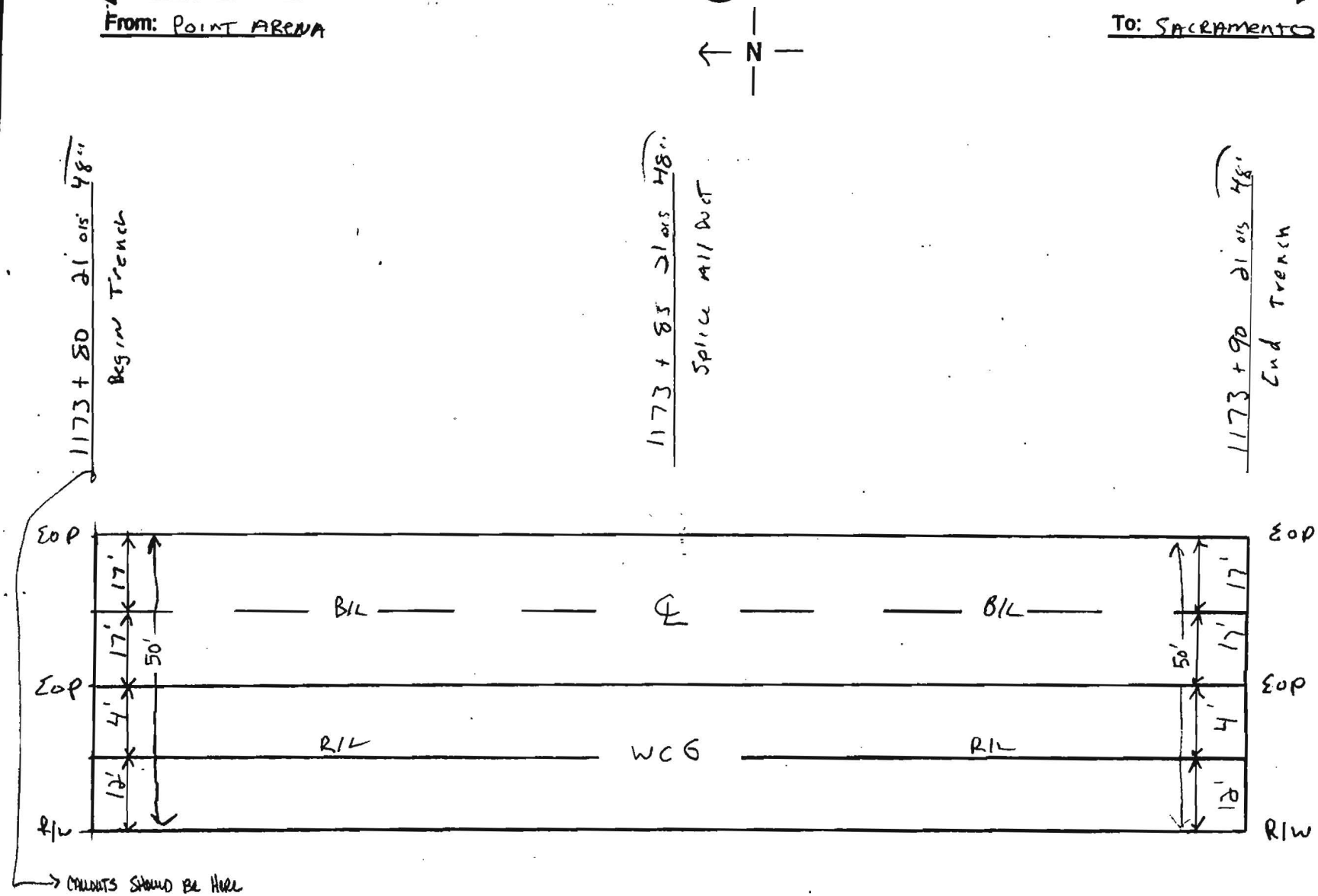
Notes:	County:	Contractor:
2 1 1/2 HDPE Orange Blue	Sonoma	Tidwell
1 1 1/4 HDPE Black	Duct Configuration:	Inspector: JR Smith

AFE No. 4875
Contract No. 99P154.16

SACR 214

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1 1/2 HDPE Orange, Blue	Sonoma	Tidwell
1 1 1/4 HDPE Black	Duct Configuration:	Inspector: JR SMITS

Notes:	County:	Contractor:
2 1 1/2 HDPE orange Blue	Sonoma	Tidwell
1 1 1/4 HDPE Black	Duct Configuration:	Inspector: JR SMITS

Williams Construc[illegible] As-Built Documentation

Spread Location:

Spread No. South 4D

AFE No. 4575

Contract No. 99P154.16

Date: 12-0[illegible]

Page No. 2

Drawing #: SACR 214-4

From: Point Arena

To: Sacramento

N

1173+90 21' ors
Begin Bore

1174+50 20' ors
Bore

1175+10 20' ors
Bore

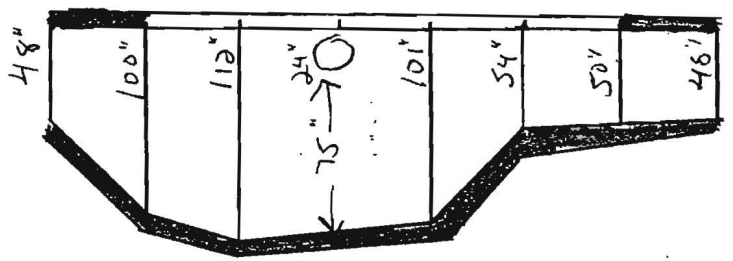
1175+50 24"
Culvert

1175+70 18" ors
Bore

1176+30 20' ors
Bore

1176+90 20' ors
Bore

1177+10 20' ors
End Bore



Notes:				County:	Contractor:
2	1½	HDPE	Orange	Sonoma	Tidwell
1	1¼	HDPE	Black	Duct Configuration:	Inspector: JR Smith

Williams

Williams Constru[illegible] As-Built Documentation

Spread Location: [illegible]anta Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

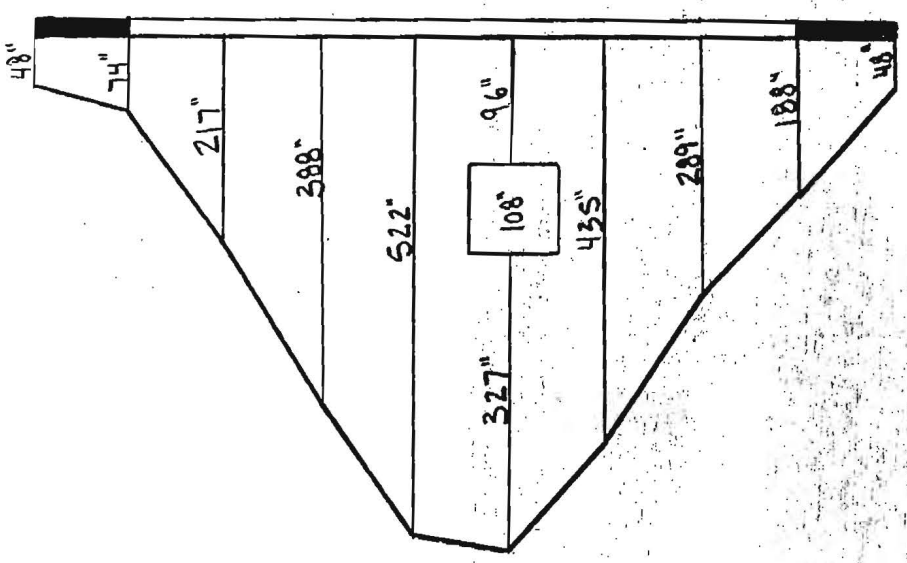
Date: 6-1
Page No. 2
Drawing #:
Sacr-214, 213-4

From: Point Arena

To: Sacramento

N

1177+35	1177+50	1178+10	1178+70	1179+30	1179+50	1179+90	1180+50	1181+10	1181+60
48"	74"	217"	388"	522"	531"	435"	289"	188"	48"
21'o/s Beg Bore	21'o/s Bore	22'o/s Bore	22'o/s Bore	21'o/s Bore	327" 108"x108" Box Culvert	20'o/s Bore	24'o/s Bore	22'o/s Bore	21'o/s End Bore



Notes: 2-1½ HDPE orange, Blue
1-1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sinsrough

Williams

Williams Constru[illegible] As-Built Documentation

Spread Location, [illegible]anta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

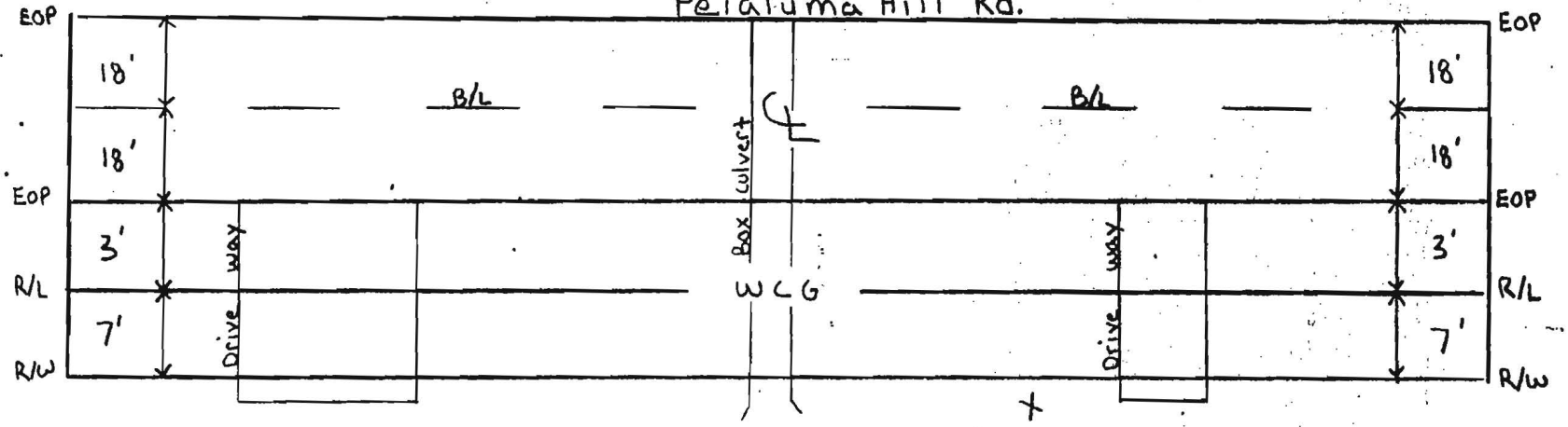
Date: [illegible]
Page No. [illegible]
Drawing #: Sacr-214, 215-4

From: Point Arena

To: Sacramento

N

Petaluma Hill Rd.



1177+55	1177+40	1177+50	1177+55	1178+10	1178+70	1179+30	1179+50	1179+90	1180+50	1180+74	1180+82	1180+99	1181+10	1181+60
21'o/s	Beg. Drive way	21'o/s	End Drive way	22'o/s	22'o/s	21'o/s	327"	20'o/s	24'o/s	Utils. Pole	Beg. Drive way	End. Drive way	22'o/s	21'o/s
48"		74"		217"	388"	522"	531"	435"	289"				188"	48"
Beg Bore		Bore		Bore	Bore	Bore	108"x108" Box Culvert	Bore	Bore				Bore	End Bore

Notes: 2 - 1½ HDPE orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

MERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1180+63 47' LT. UTIL. POLE
1180+74 6' RT. UTIL. POLE
1180+76 5' RT. FENCE CORNER
1181+07 5' RT. FENCE CORNER
1181+70 ALIGN SHEET
1182+38 4' RT. TELE. POLE
1182+82 8' RT. FENCE CORNER
1183+02 1' LT. HEADWALL
1183+02 6' RT. HEADWALL
1183+03 3' RT. CULVERT
1183+45 1' LT. HEADWALL
1183+45 6' RT. HEADWALL
1183+58 CULVERT
1183+58 2' LT. HEADWALL
1183+60 5' RT. HEADWALL
1183+88 42' LT. CULVERT
1183+91 47' LT. CULVERT
1183+97 8' RT. TELE. POLE
1184+00 43' LT. CULVERT
1184+51 47' LT. UTIL. POLE
1184+71 ALIGN SHEET
1185+28 FIBER MARKER
1185+48 8' RT. TELE. POLE
1185+83 HEADWALL
1185+85 6' RT. HEADWALL
1185+90 CULVERT
1185+91 42' LT. CULVERT
1185+91 43' LT. CULVERT
1185+94 HEADWALL
1185+94 5' RT. HEADWALL
1187+04 7' RT. TELE. POLE
1187+68 48' LT. UTIL. POLE
1188+56 7' RT. TELE. POLE
1188+57 41' LT. HANDHOLE
1189+07 ALIGN SHEET
1190+12 7' RT. TELE. POLE
1190+54 10' RT. FENCE CORNER
1190+57 53' LT. FENCE CORNER
1190+58 2' RT. CULVERT
1190+60 44' LT. CULVERT
1190+76 41' LT. CULVERT
1190+83 44' LT. CULVERT
1190+83 53' LT. FENCE CORNER
1190+94 49' LT. UTIL. POLE
1190+98 2' RT. CULVERT
1191+58 FIBER MARKER

ROAD STATIONING

#1 #2 #4 #3 #5

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

21'0\S 48"
20'0\S 48"
21'0\S 48"
20'0\S 48"
20'0\S 48"

RIGHT-OF-WAY BY OCCUPATION

PETALUMA HILL ROAD

Centerline of pavement

30'

32'

CRANE RANCH ROAD

N

MATCH LINE
SHT. 214-SPRD 4
1180+00

1192+00
MATCH LINE
SHT. 216-SPRD 4

1161+00 1182+00 1183+00 1184+00 1185+00 1186+00 1187+00 1188+00 1189+00 1191+00 1192

28'
4'
4'

ASPHALT DRIVE

ASPHALT DRIVE

WILLIAMS FIBER ROUTE

RIGHT-OF-WAY BY OCCUPATION

D/R-CBTI-I-12

BEG TRENCH
END TRENCH
BEG TRENCH
END TRENCH
BEG TRENCH
END TRENCH

1180+00	24'0\S 289'	22'0\S 188'	END BORE	BEG BORE	20'0\S 17'	22'0\S 120'	24'0\S 22'	END BORE	BEG BORE	20'0\S 75'	20'0\S 94'	20'0\S 103'	24'	20'0\S 100'	20'0\S 109'	20'0\S 114'	20'0\S 124'	20'0\S 91'	BEG BORE	END BORE	20'0\S 90'	20'0\S 120'	20'0\S 172'	20'0\S 120'	1192+00
	1180+50	1181+10	1181+60	1181+90	BEG BORE	1182+50	1183+10	1183+70	END BORE	BEG BORE	1184+70	1185+30	1185+90	COULDERT	1186+50	1187+10	1187+70	1188+30	1188+90	END BORE	BEG BORE	1189+70	1190+30	1190+90	1191+50	

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH
REEL # N/A
N/A
1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)
1-1.625" HDPE BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

1180+00	1181+60	1181+90	1182+94	1183+69	1184+05		1184+10	1189+05	1189+10
1181+60	1181+90	1182+94	1183+69	1184+05	1184+10		1189+05	1189+10	1192+00
160'	30'	104'	75'	36'	5'		499'	5'	290'
BORE 2-1.5" HDPE 1-1.25" HDPE JEB SINCLAUGH 3-13-01 TIDWELL	TRENCH 2-1.5" HDPE 1-1.25" HDPE JEB SINCLAUGH 2-13-01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCLAUGH 1.31.01 TIDWELL	3.21 1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCLAUGH 1.31.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCLAUGH 1.31.01 TIDWELL	TRENCH 2-1.5" HDPE 1-1.25" HDPE JEB SINCLAUGH 1-31-01 TIDWELL	65A TRACER WIRE JEB SINCLAUGH 6-15-01 IN BLACK 1.25 HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.06.00 TIDWELL	TRENCH 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.7.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.07.00 TIDWELL

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Act.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-215-SPRD 4

Williams Construc[illegible] As-Built Documentation

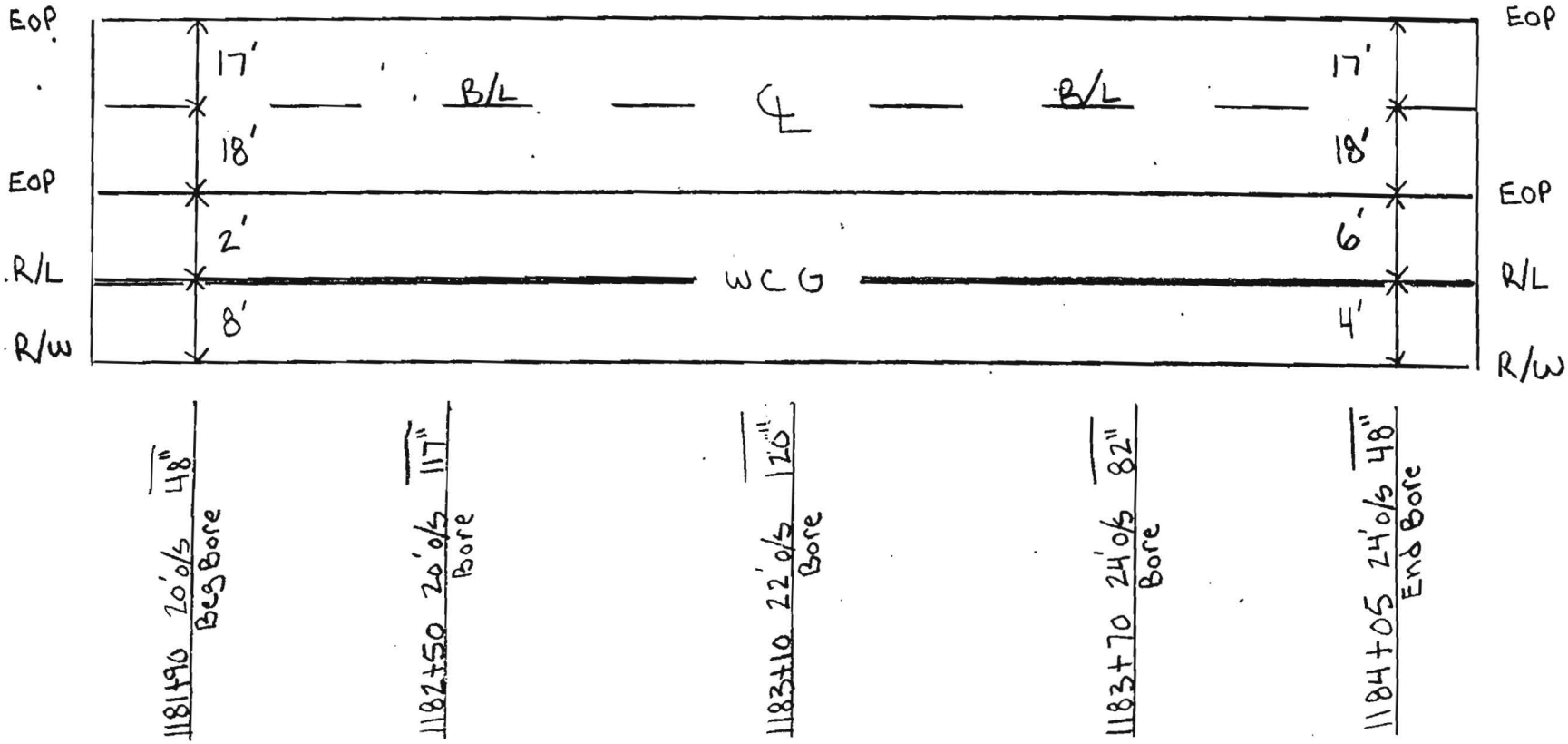
Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154016

Date: 1-51-[illegible]
Page No. 1
Drawing #: Sacr-215-4

From: Point Arena

N

To: Sacramento



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black		County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: JebSimcraugh

Williams Construct[illegible] As-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-31-[illegible]
Page No. 2 o[illegible]
Drawing #: Sacr-215-4

From: Point Arena

To: Sacramento

N

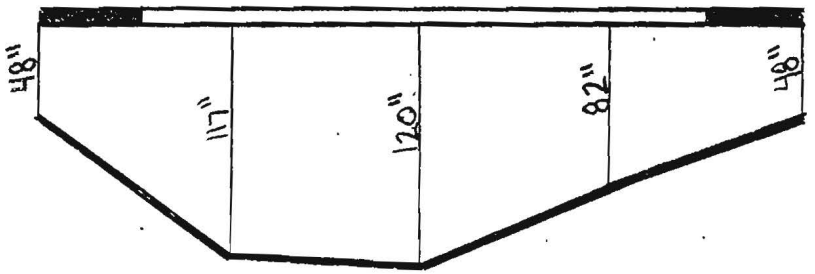
1181+90 20'o/s 48" Beg Bore

1182+50 20'o/s 117" Bore

1183+16 22'o/s 120" Bore

1183+70 24'o/s 82" Bore

1184+05 24'o/s 48" End Bore



Notes: 2 - 1½ HDPE Blue, Orange
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jebo Sincraugh

Williams Construc[illegible]s-Built Documentation

Spread Location: [illegible]
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

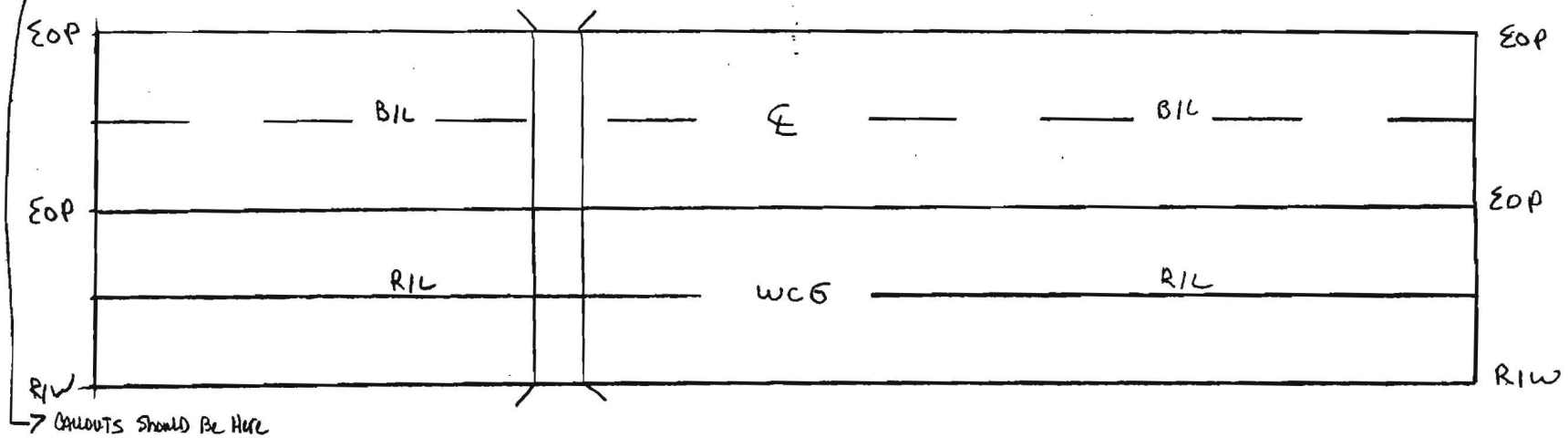
Date: 12-a[illegible]
Page No. 1 of [illegible]
Drawing #: SMCR 215 - 4

From: POINT ARENA

To: SACRAMENT

N

1184+10	1184+70	1185+30	1185+90	1186+50	1187+10	1187+70	1188+30	1188+90	1189+05
20' o/s	20' o/s	20' o/s	20' o/s	20' o/s	20' o/s	20' o/s	20' o/s	20' o/s	20' o/s
48"	75"	94"	103"	100"	108"	114"	124"	91"	48"
Begin Bore	Bore	Bore	Bore / Culvert 84"	Bore	Bore	Bore	Bore	Bore	End Bore



7 Callouts Should Be Here

Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	T.dwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMITH

Williams Construc[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

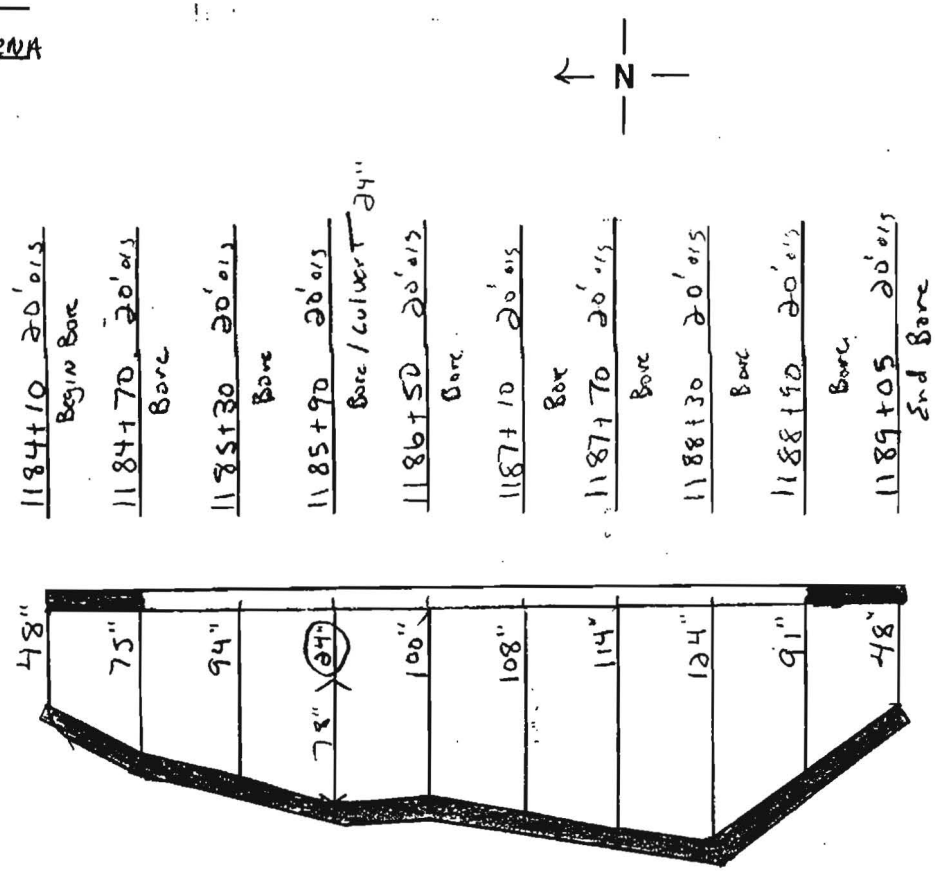
Date: 12 [illegible]

Page No. 2 of [illegible]

Drawing #: SACR 215-4

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1 1/2 HDPE Orange, Blue	Sonoma	Tidwell
1 1 1/4 HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams Construc[illegible]s-Built Documentation

Spread Location:

Spread No. South 40

AFE No. 4875

Contract No. 9915416

Date: 12-[illegible]-10

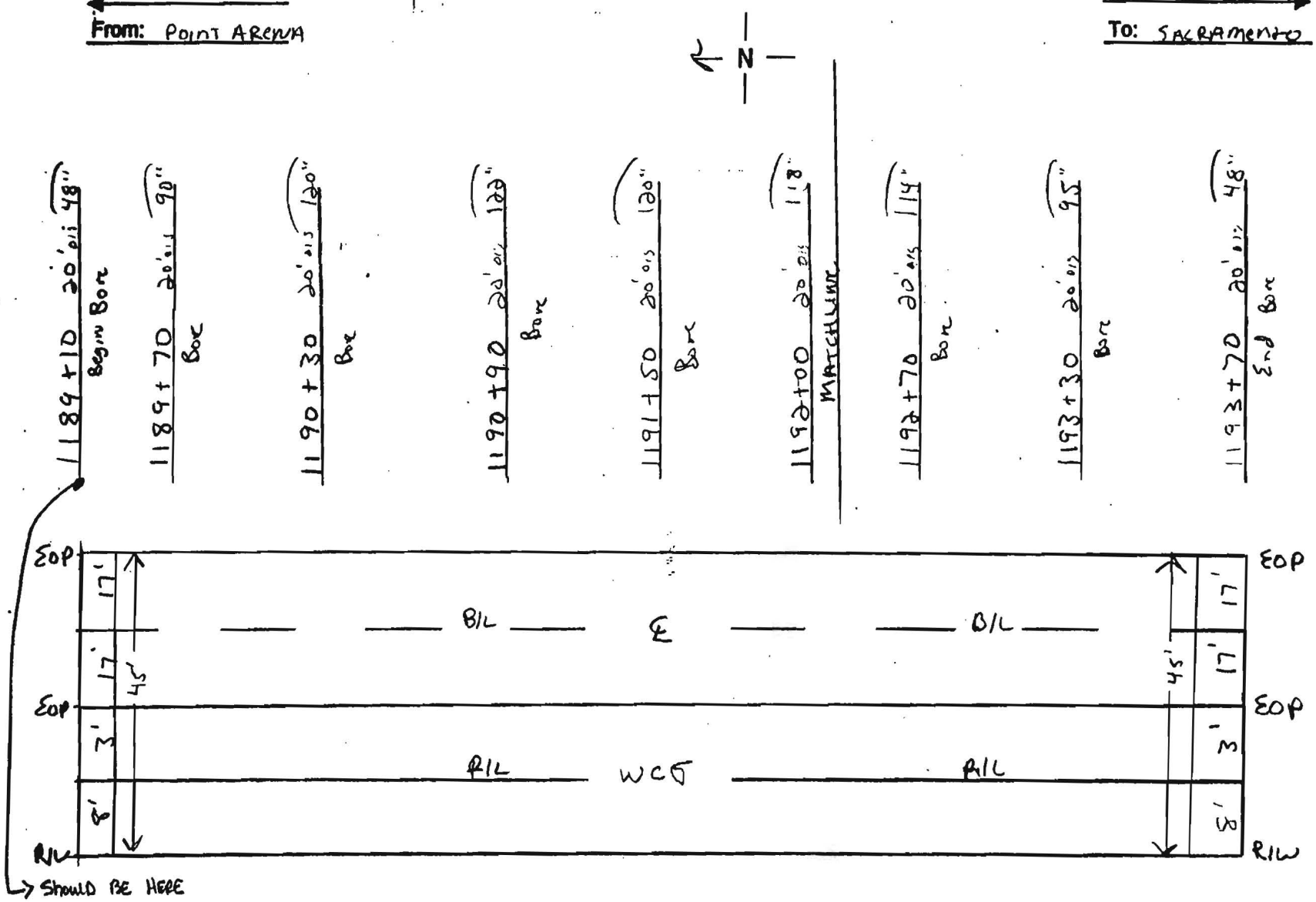
Page No. 1 of

Drawing #:

SALR 215.216-4

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
1/2 HDPE Orange Blue	Sonoma	Tidwell
1 1/4 HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams Construc[illegible] As-Built Documentation

Spread Location:

Spread No. South 48

AFE No. 4875

Contract No. 99P154.16

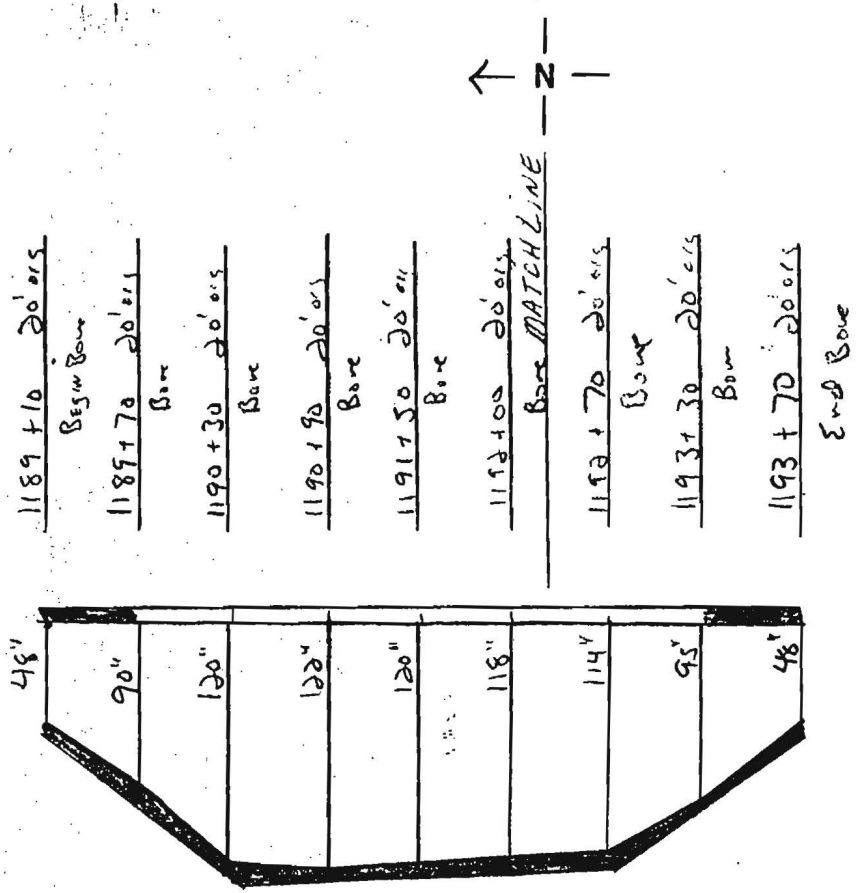
Date: 12-07

Page No. 2 [illegible]

Drawing #: SACR 215-216-4

From: POINT ARENA

To: SACRAMENTO



Notes:

2 1 1/2 HDPE Orange Blue

1 1 1/4 HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: JP Smith

NERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1193+13 5' RT. TELE. POLE
1193+75 ALLDUCT SPLICE
1194+22 48' LT. UTIL. POLE
1194+78 5' RT. TELE. POLE
1196+34 5' RT. TELE. POLE
1197+47 49' LT. UTIL. POLE
1197+47 54' LT. FENCE CORNER
1197+68 5' RT. TELE. POLE
1197+55 ALLDUCT SPLICE
1198+30 FIBER MARKER
1198+79 6' RT. FENCE CORNER
1198+83 2' RT. CULVERT
1199+07 2' RT. CULVERT
1199+07 49' LT. UTIL. POLE
1199+08 4' RT. TELE. POLE
1200+58 50' LT. UTIL. POLE
1200+62 6' RT. TELE. POLE
1200+66 BEGIN STEEL
1200+91 CREEK
1201+17 END STEEL
1201+78 6' RT. FENCE CORNER
1202+07 42' LT. DRIVEWAY
1202+24 53' LT. FENCE CORNER
1202+42 ALLDUCT SPLICE
1203+56 5' RT. TELE. POLE
1203+73 48' LT. UTIL. POLE

ROAD STATIONING

#1 #4 #2 #3

← POINT ARENA

SONOMA COUNTY CALIFORNIA

SACRAMENTO →

MATCH LINE SHT. 215-SPRD 4 1192+00

20'OIS 48" 19'OIS 48"

33'

RIGHT-OF-WAY BY OCCUPATION

20'OIS 48" 21'OIS 48"

WL-COTATI-2

C/L CREEK

ASPHALT DRIVE

33' 21'OIS 48"

N

Centerline of pavement

PETALUMA HILL ROAD

1192+00 1193+00 1194+00 1195+00 1196+00 1197+00 1198+00 1199+00 1200+00 1201+00 1202+00 1203+00 1204+00

4' 28' 87' 4'

RIGHT-OF-WAY BY OCCUPATION

WILLIAMS FIBER ROUTE

DIRECTIONAL DRILL

ASPHALT DRIVE

ASPHALT DRIVE

D/R-COTATI-11

BEGIN TRENCH

END TRENCH

BEG TRENCH END TRENCH BEG TRENCH END TRENCH

MATCH LINE SHT. 217-SPRD 4 1204+00

1192+00	1193+70	1193+80	1194+50	1197+50	1197+60	1200+66	1201+17	1202+40	1204+00
1193+70	1193+80	1194+50	1197+50	1197+60	1200+66	1201+17	1202+40	1204+00	
170'	10'	370'	10'	386'	151'	123'	160'		
1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12-7-00 TIDWELL	TRENCH 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12-8-00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12-08-00 TIDWELL	TRENCH 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12-8-00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12-08-00 WDAMSLEY DRLG GPS TRACER WIRE JEB SINCRAUGH 6-15-01 IN BLACK 1.25" HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12-08-00 WDAMSLEY DRLG	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12-08-00 WDAMSLEY DRLG	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2-12-01 TIDWELL		

96 - LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

Notes:

1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mar.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- OB Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Grass
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- OB Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

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1-800-227-2600

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (COLOR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-216-SPRD 4

Williams Construc[illegible] As-Built Documentation

Spread Location:

Spread No. South 40

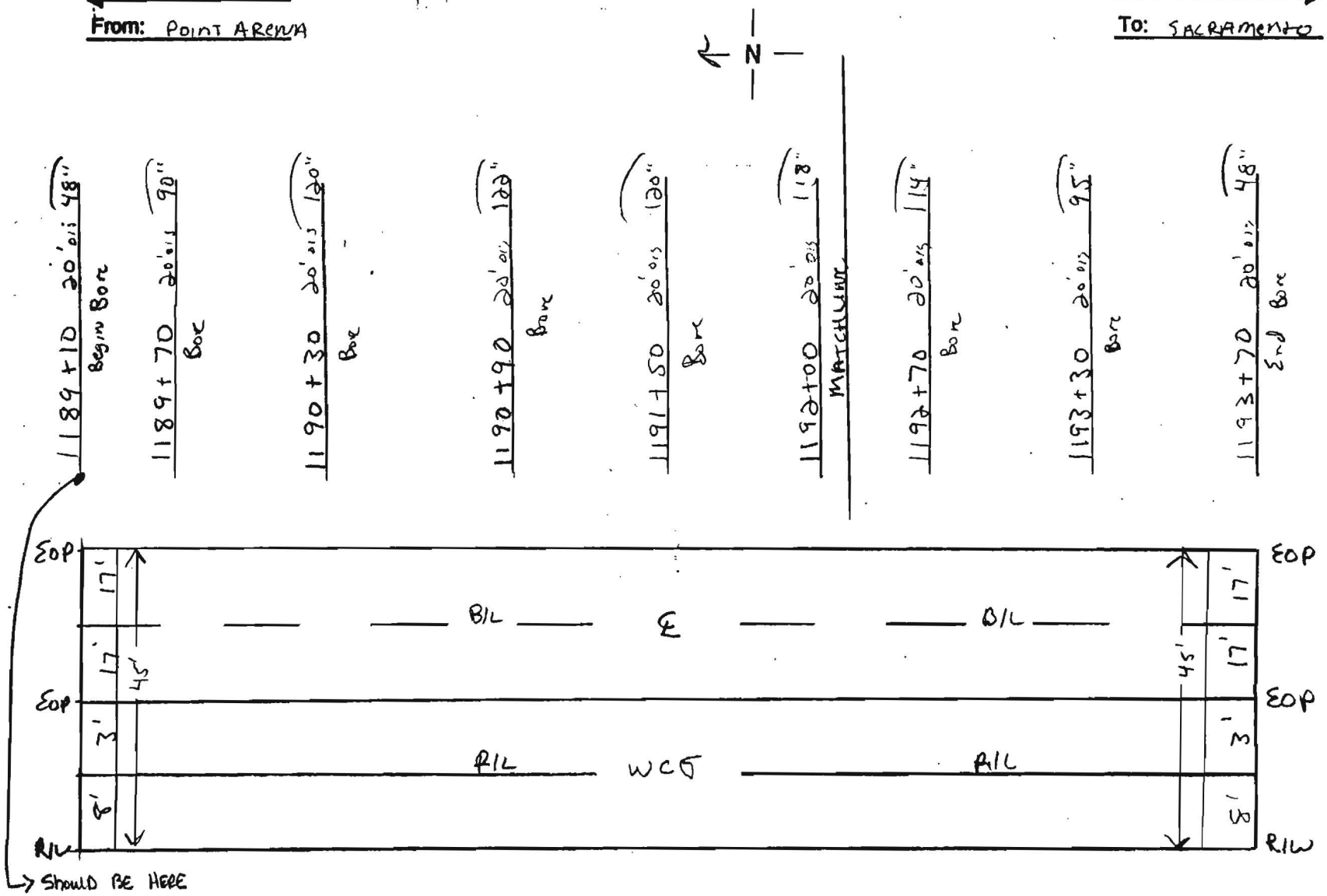
AFE No. 4875

Contract No. 99154 16

Date:	12 [illegible] 00
Page No.	1 of [illegible]
Drawing #:	SACR 215.216-4

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
1 1/2 HDPE Orange Blue	Sonoma	Tidwell
1 1/4 HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Construc[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 12-0[illegible]

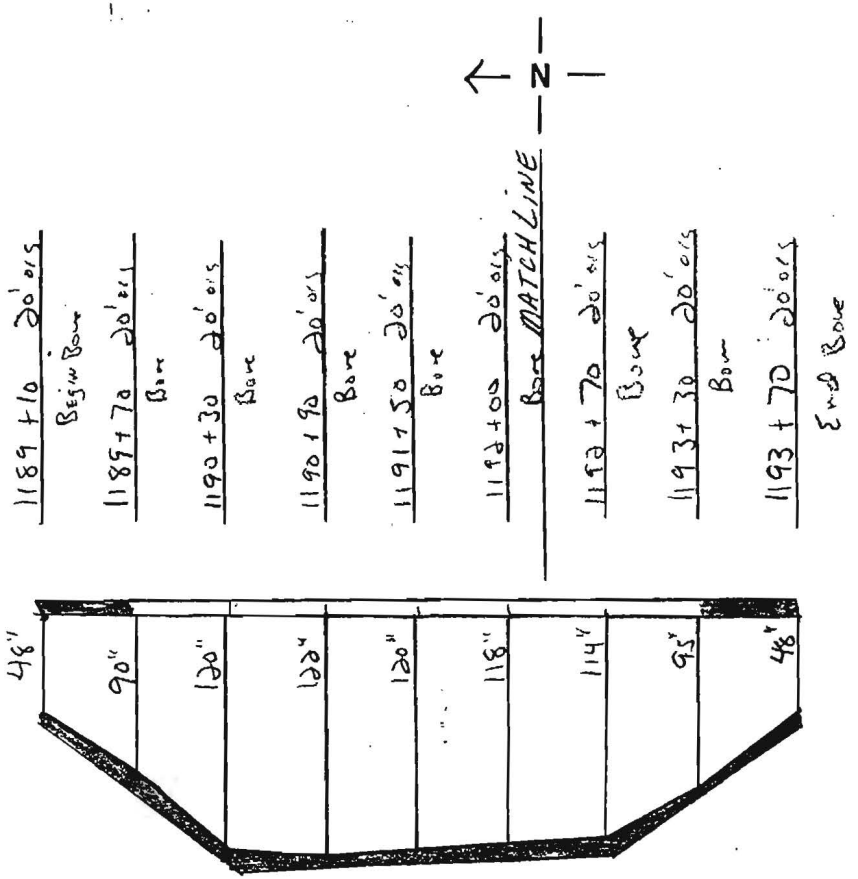
Page No. 2 of [illegible]

Drawing #:

SAC & 215-216-4

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1 ½ HDPE Orange Blue 1 1 ¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: JP Smith

Williams Construct[illegible]s-Built Documentation

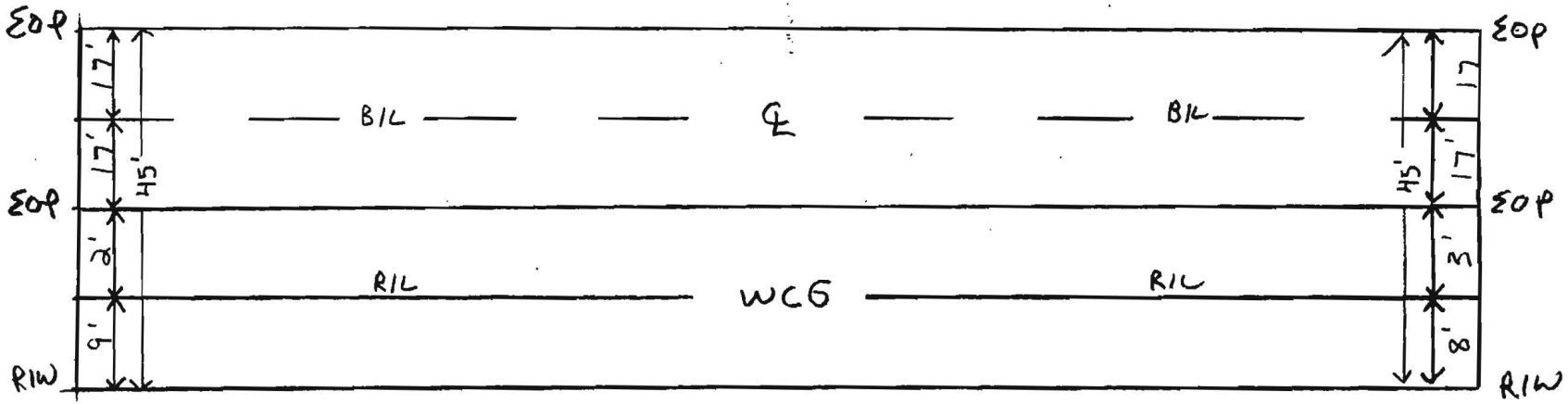
Spread Location:
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-[illegible]20
Page No. 1 of [illegible]
Drawing #: SACR 216-4

From: Point ARENA → To: SACRAMENTO

N

1193+80	1194+40	1195+00	1195+60	1196+20	1196+80	1197+50
19' ois	20' ois	20' ois	20' ois	20' ois	20' ois	20' ois
48"	160"	153"	133"	117"	83"	4/8"
Begin Bore	Bore	Bore	Bore	Bore	Bore	End Bore



Notes:
2 1½ HDPE orange, BLUE
1 1¼ HDPE Black

County: Sonoma
Duct Configuration:
Contractor: Tidwell
Inspector: JR SMITH

Williams Construct[illegible] s-Built Documentation

Spread Location:

Spread No. 4B

AFE No. 4875

Contract No. 99P154.16

Date: 12-0[illegible]

Page No. 2 of[illegible]

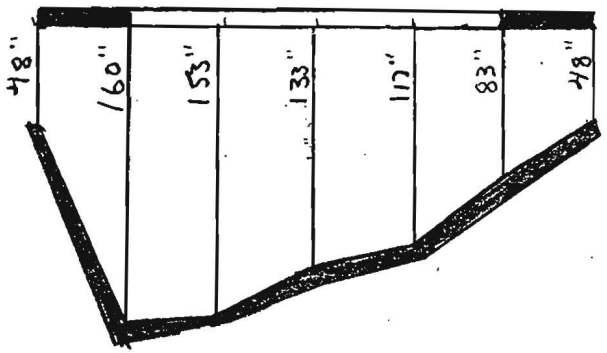
Drawing #: SACR 216-4

From: POINT ARENA

To: SACRAMENTO

← N —

1193+80	19' o/s	Begin Bore
1194+40	20' o/s	Bore
1195+00	20' o/s	Bore
1195+60	20' o/s	Bore
1196+20	20' o/s	Bore
1196+80	20' o/s	Bore
1197+50	20' o/s	End Bore



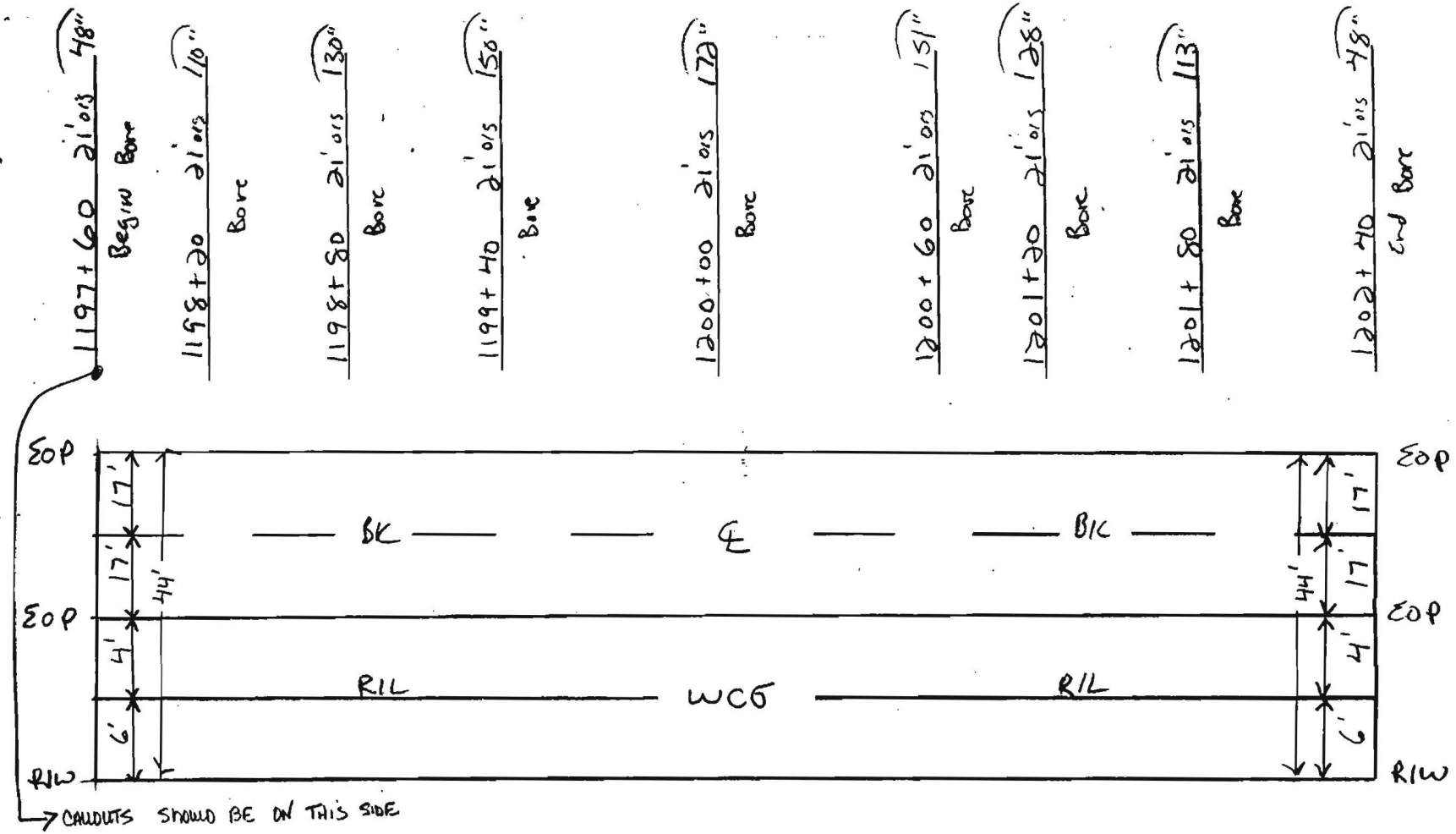
Notes:	County:	Contractor:
2 1½ HDPE orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector:
1.11		JR SMITS

Williams Construction As-Built Documentation

Spread Location:
Spread No. South 4B
AFE No. 4875
Contract No. 99P15416

Date: 12-[illegible]-10
Page No. 1 of
Drawing #: SACR 216-4

From: Point Arena ← N → To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell / Wamsley
1 1¼ HDPE Black	Duct Configuration:	Inspector: JB Smits

Williams Construc[illegible] s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 12-0[illegible]

Page No. 2 o[illegible]

Drawing #: SACR 216-4

From: POINT ARENA

To: SACRAMENTO

N

1197+60 21'0"S Begin Bore

1198+20 21'0"S Bore

1198+80 21'0"S Bore

1199+40 21'0"S Bore

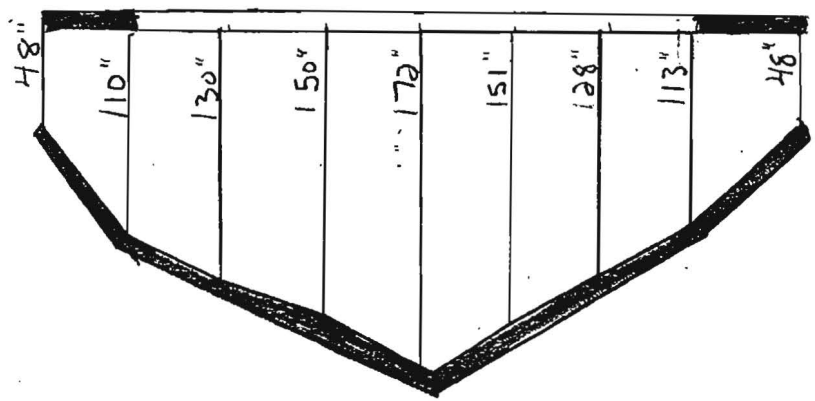
1200+00 21'0"S Bore

1200+60 21'0"S Bore

1201+20 21'0"S Bore

1201+80 21'0"S Bore

1202+40 21'0"S End Bore



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell / Wamsley
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMHS

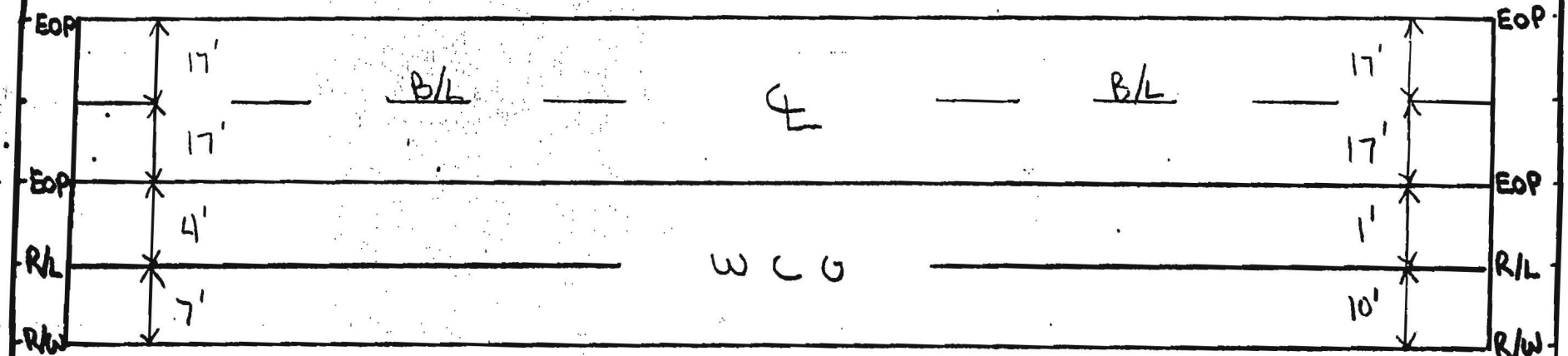
Williams

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Page No.
Drawing #: Sacr-216, 2.1

From: Point Arena ← N → To: Sacramento



1202+45 21'o/s 48" Bes Bore

1202+60 21'o/s 60" Bore

1203+20 21'o/s 92" Bore

1203+80 20'o/s 112" Bore

1204+00 Matchline

1204+40 19'o/s 109" Bore

1205+00 19'o/s 124" Bore

1205+60 20'o/s 123" Bore

1206+20 19'o/s 100" Bore

1206+80 18'o/s 87" Bore

1207+40 18'o/s 54" Bore

1207+55 18'o/s 48" End Bore

Notes: 2-1½ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

Williams

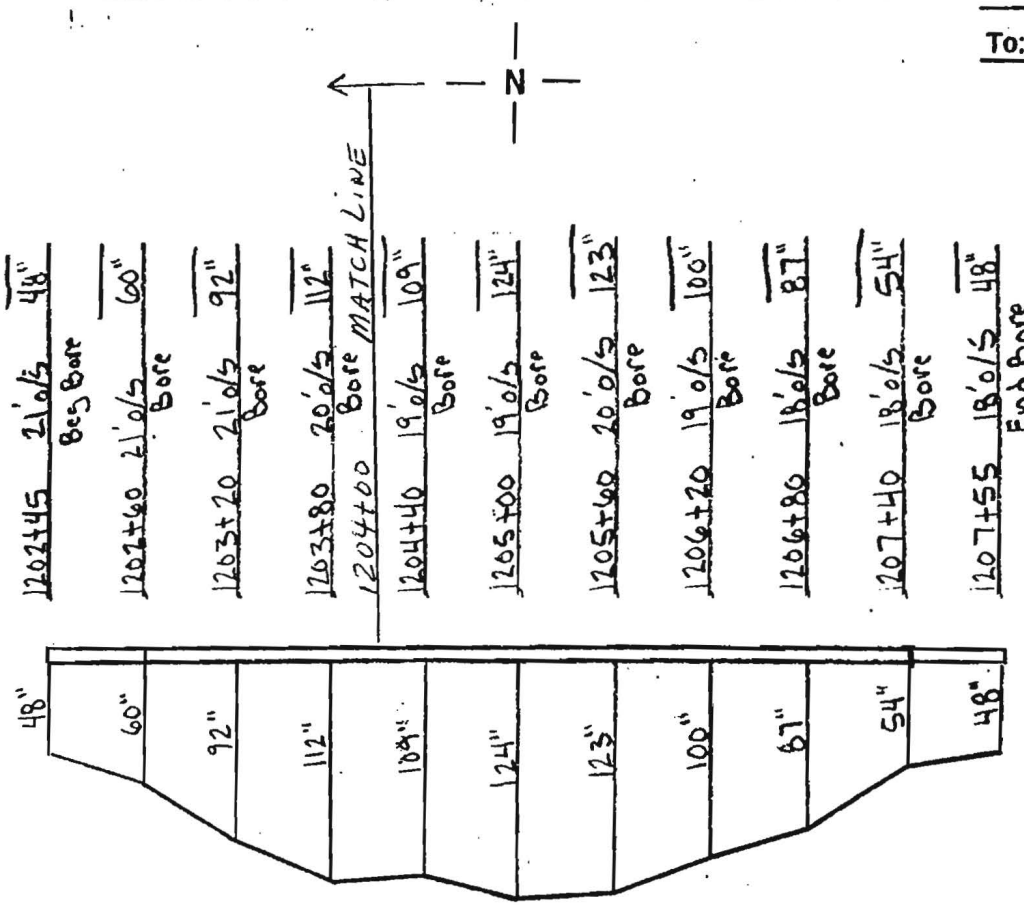
Williams Construction — As-Built Documentation

Spread Location, Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99PIS4016

Date: 2-[illegible]1
Page No. 2
Drawing #:
Sheet - 216, 217

From: Point Arena

To: Sacramento



Notes: 2 - 1/2 HDPE Orange, Blue
1 - 1/4 HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Johnsingaugh

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1204+07 BEGIN STEEL
1204+07 5' RT. FENCE CORNER
1204+12 20' RT. UTIL POLE
1204+50 END STEEL
1205+16 1' RT. TELE. POLE
1206+03 FIBER MARKER
1206+78 2' RT. TELE. POLE
1207+09 48' LT. UTIL POLE
1207+18 3' LT. CULVERT
1207+19 43' LT. CULVERT
1207+58 ALLDUCT SPLICE
1208+30 3' RT. TELE. POLE
1209+91 4' RT. TELE. POLE
1210+20 46' LT. UTIL POLE
1211+42 4' RT. TELE. POLE
1212+35 ALLDUCT SPLICE
1212+68 FIBER MARKER
1213+00 5' RT. TELE. POLE
1213+42 48' LT. UTIL POLE
1213+58 41' LT. HANDHOLE
1214+50 5' RT. TELE. POLE
1214+74 1' RT. CULVERT
1214+98 1' RT. CULVERT

#3 #1 #2 #4

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

#3 #1 #2 #4

MATCH LINE
SHT. 216-SPRD 4 1204+00

KEISER AVENUE

32'

3'

18"DIS 48"

RIGHT-OF-WAY BY OCCUPATION

Centerline of pavement

PETALUMA HILL ROAD

Z3"DIS 48"

30'

28'

3'

ASPHALT DRIVE

MATCH LINE
SHT. 218-SPRD 4 1216+00

1205+00 1206+00 1207+00 1208+00 1209+00 1210+00 1211+00 1212+00 1213+00 1214+00 1215+00 1216

RIGHT-OF-WAY BY OCCUPATION

WILLIAMS FIBER ROUTE

BEG. TRENCH
TRENCH

BEG TRENCH
END TRENCH

1204+00	1204+40	19'DIS 109"
	1205+00	19'DIS 124"
	1205+60	20'DIS 123"
	1206+20	19'DIS 100"
	1206+80	19'DIS 80"
	1207+40	18'DIS 54" END BORE / BEG. TRENCH
	1207+55	END TRENCH
	1207+60	BEG TRENCH
	1208+20	19'DIS 82"
	1208+80	20'DIS 90"
	1209+40	20'DIS 109"
	1210+00	20'DIS 121"
	1210+60	20'DIS 116"
	1211+20	21'DIS 109"
	1211+80	21'DIS 85"
	1212+30	END BORE
	1212+40	BEG BORE
	1213+00	23'DIS 62"
	1213+60	23'DIS 87"
	1214+20	23'DIS 94"
	1214+80	22'DIS 94"
	1215+40	21'DIS 73"
1216+00		

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

1204+00	1204+45		1207+55		1207+60	1212+30	1212+40	
1204+45	1207+55		1207+60		1212+30	1212+40	1216+00	
45'	310'		5'		470'	10'	360'	
1.11 & 3.21 2-1.5 HDPE 1-1.25 HDPE JEB SINCRAUGH 2-12-01 TIDWELL	1.11 2-1.5 HDPE 1-1.25" HDPE JEB SINCRAUGH 2-12-01 TIDWELL		TRENCH 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12-27-00 TIDWELL		1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12-27-00 TIDWELL	TRENCH 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12-27-00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12-27-00 TIDWELL	

66A.
TRACER WIRE
JEB SINCRAUGH
6-15-01
IN BLACK 1.25" HDPE

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- Ct. Road
- Ct. RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line end/or White Line
- Regen Site
- P.O.P./Act.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION
- CABLE FIBER COUNT MFG. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
- INNERDUCT & TYPE (CORR/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE UNIT PLACE
- FUTURE-2
- FUTURE-3
- FUTURE-4

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	

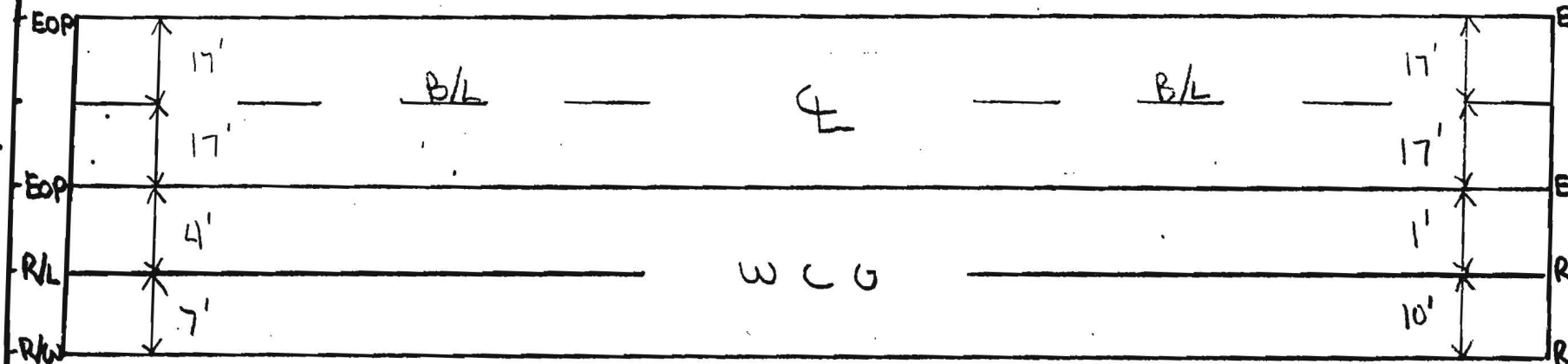
DRAWING NUMBER : SACR-217-SPRD 4

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. SouthHB
AFE No. 4875
Contract No. 99P154.16

Page No. 1
Drawing #: Saur-216, 217

From: Point Arena ← N → To: Sacramento



1202+45 21'0/s 48" Beg Bore

1202+60 21'0/s 60" Bore

1203+20 21'0/s 92" Bore

1203+80 20'0/s 112" Bore

1204+08 Matchline

1204+40 19'0/s 109" Bore

1205+00 19'0/s 124" Bore

1205+60 20'0/s 123" Bore

1206+20 19'0/s 100" Bore

1206+80 18'0/s 87" Bore

1207+40 19'0/s 54" Bore

1207+55 18'0/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jebs Swearingen

Williams

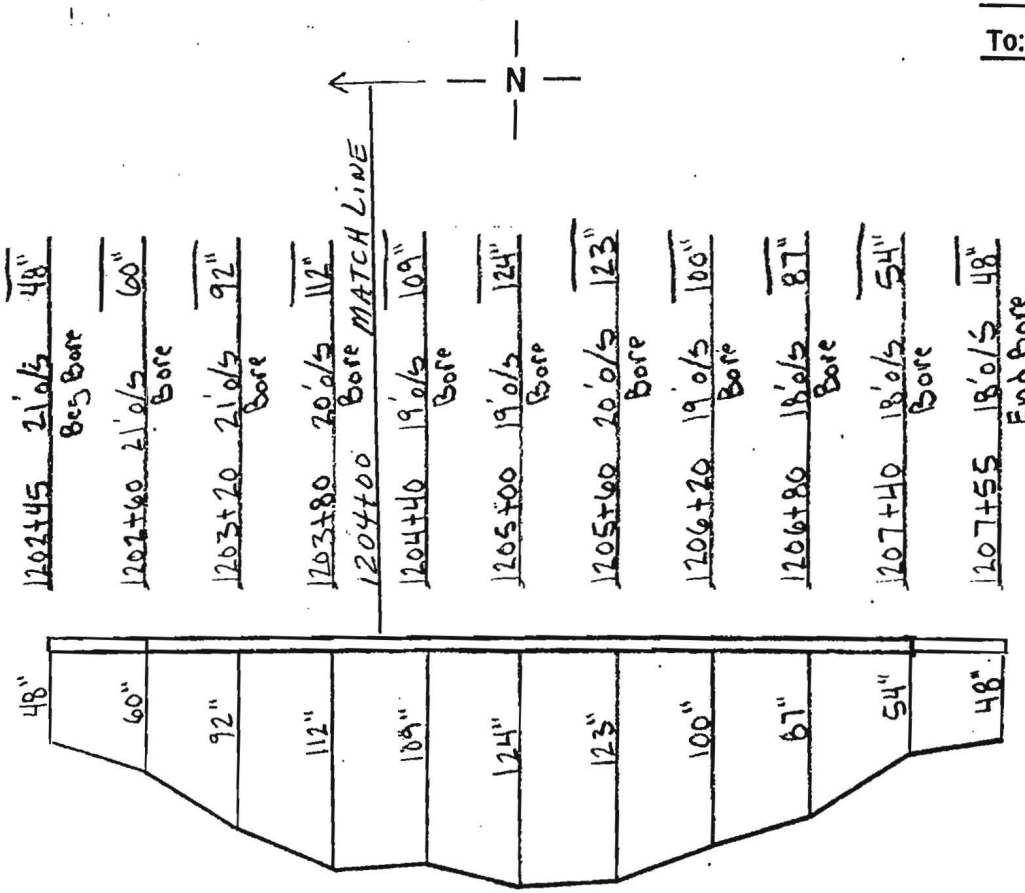
Williams Construction As-Built Documentation

Spread Location, Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154016

Date: 2-[illegible]1
Page No. 2
Drawing #:
Sacr - 216, 217

From: Point Arena

To: Sacramento



Notes: 2 - 1/2 HDPE Orange, Blue
1 - 1 1/4 HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sincraugh

Williams

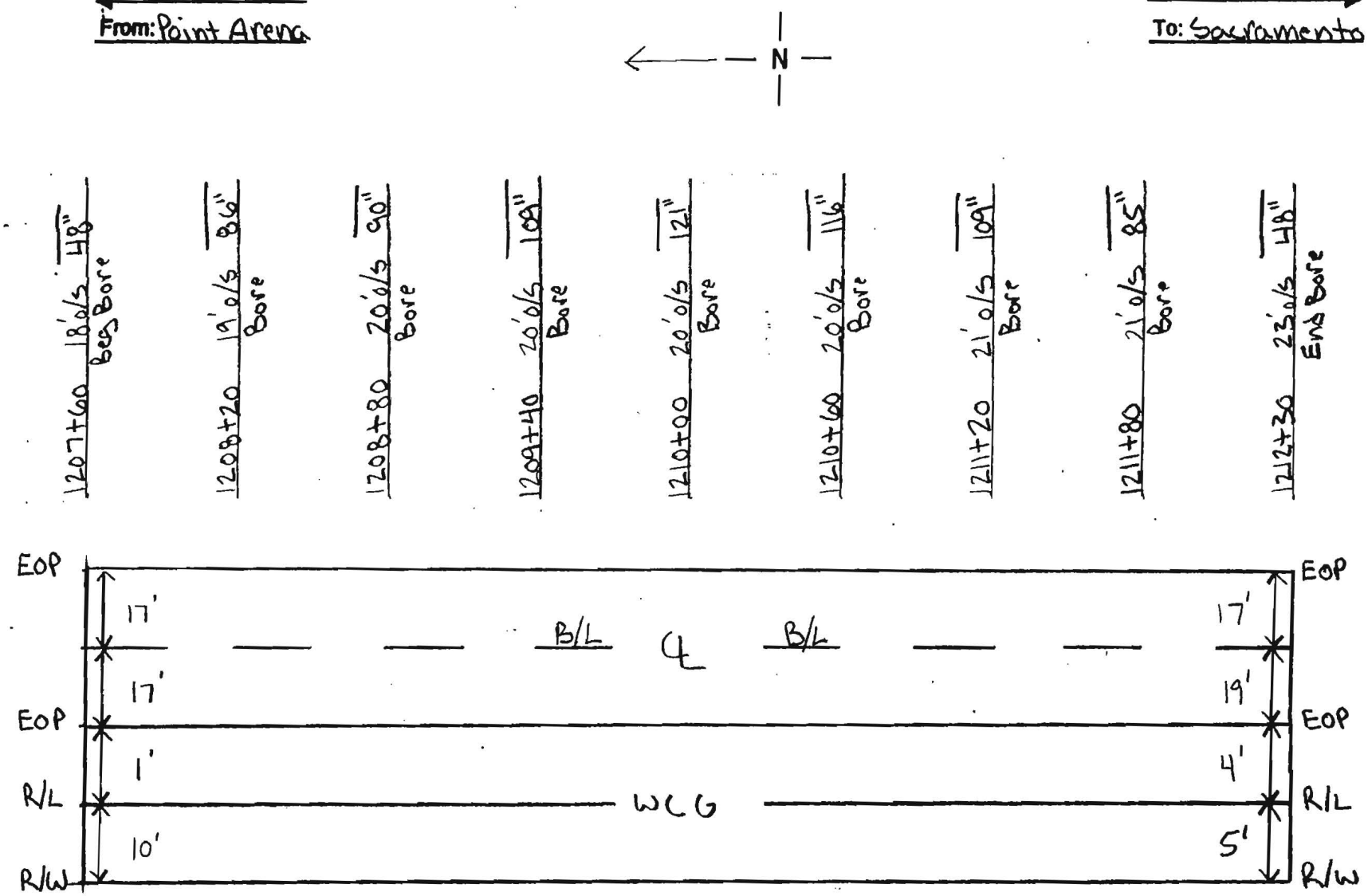
Williams Constru[illegible] As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12 [illegible] 00
Page No. 1
Drawing #: Sacr-217-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

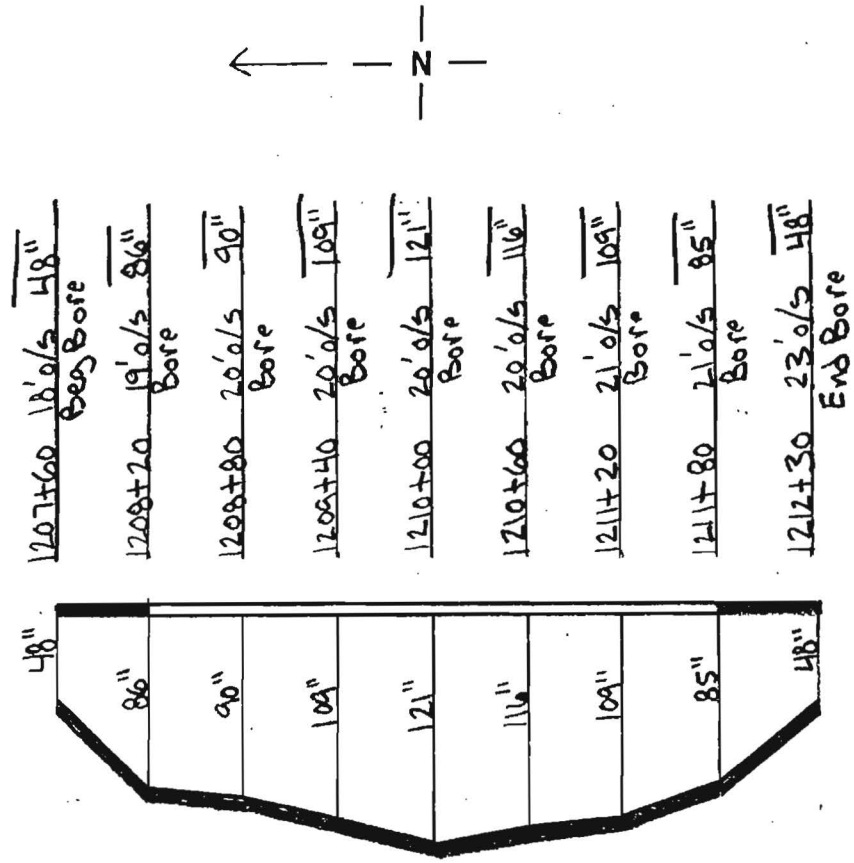
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1[illegible]-00
Page No. 2 of 2
Drawing #: Sacr-217-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

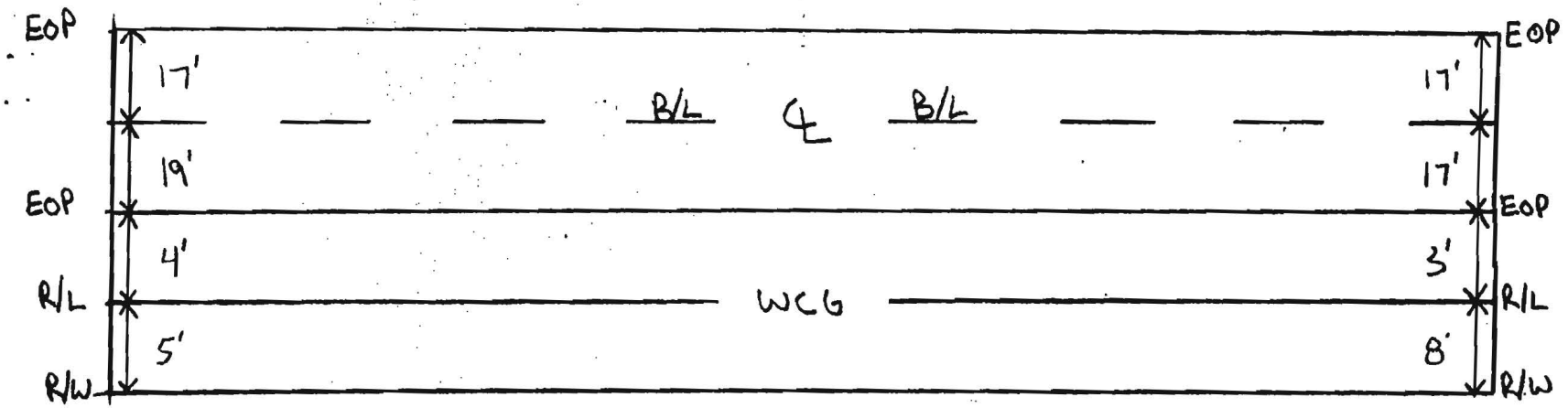
Williams Construc[illegible] As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-2[illegible]
Page No. 1
Drawing #: Sacs-217, 218-4

From: Point Arena ← N → To: Sacramento

1212+40	1213+00	1213+60	1214+20	1214+80	1215+40	1216+00	1216+45
23'o/s	23'o/s	23'o/s	23'o/s	22'o/s	21'o/s	21'o/s	21'o/s
48"	62"	87"	94"	94"	73"	56"	48"
Beg Bore	Bore	Bore	Bore	Bore	Bore	Bore MATCH LINE	End Bore



Notes: 2- 1½ HDPE Orange, Blue
1- 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Seb Sinclough

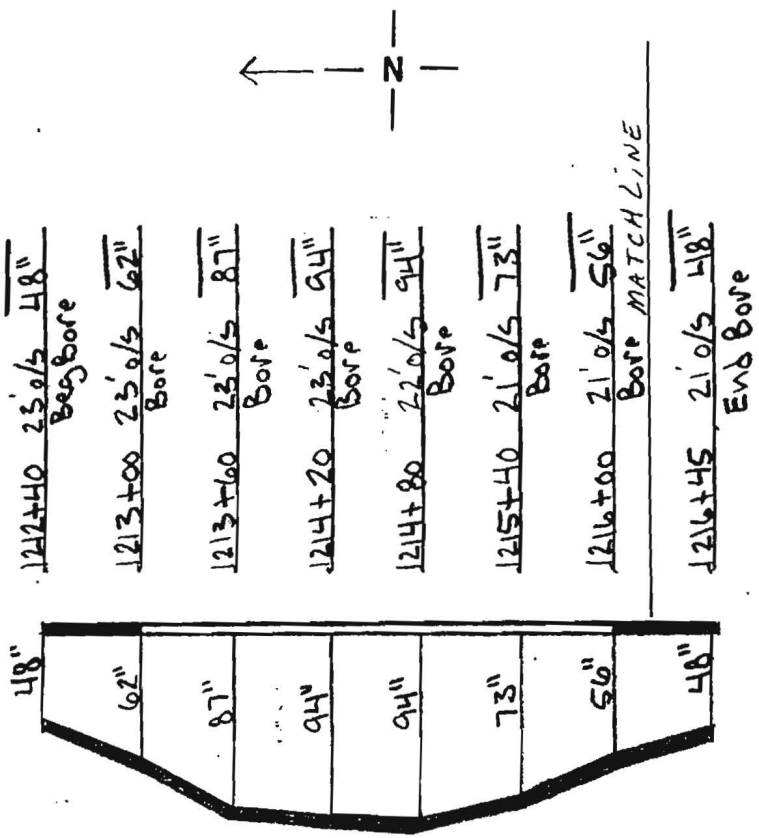
Williams Construction - As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 11-00
Page No. 2
Drawing #: Socr-217, 218-H

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue 1 - ¼ HDPE Black	County: Sonoma	Contractor: Ticwell
	Duct Configuration:	Inspector: Seb Sinnaugh

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1216+15 5' RT. TELE. POLE
1216+42 SPLICE POLE
1216+75 47' LT. UTIL POLE
1217+58 7' RT. TELE POLE
1217+65 5' RT. HEADWALL
1217+72 BEGIN STEEL
1217+82 5' RT. BOX CULVERT
1217+85 CREEK
1217+99 5' RT. HEADWALL
1218+02 END STEEL
1218+08 53' LT. HEADWALL
1218+09 42' LT. CULVERT
1218+11 96' LT. BOX CULVERT
1218+15 53' LT. BOX CULVERT
1218+22 53' LT. HEADWALL
1218+25 58' LT. BOX CULVERT
1218+48 SPLICE POLE
1219+09 45' LT. CULVERT
1219+10 45' LT. CULVERT
1219+12 6' RT. TELE. POLE
1219+22 42' LT. DRIVEWAY
1219+22 45' LT. CULVERT
1219+81 46' LT. UTIL POLE
1219+90 FIBER MARKER
1220+79 6' RT. TELE. POLE
1222+29 6' RT. TELE. POLE
1223+05 47' LT. UTIL POLE
1223+25 AU DUCT SPLICE
1223+90 6' RT. TELE. POLE
1225+41 8' RT. TELE. POLE
1226+26 49' LT. TRAFFIC SIG.
1226+26 50' LT. UTIL POLE
1227+05 10' RT. TELE. POLE
1227+11 5' RT. TRAFFIC SIG.
1227+72 FIBER MARKER

ROAD STATIONING

#4 POINT ARENA — #5 — #2 — SONOMA COUNTY CALIFORNIA — #1 — SACRAMENTO #3

WL-COTATI-3

HINEBAUGH CREEK

ASPHALT DRIVE

RIGHT-OF-WAY BY OCCUPATION

PETALUMA HILL ROAD

Centerline of pavement

DIRECTIONAL DRILL

WILLIAMS FIBER ROUTE

BEG TRENCH
END TRENCH

D/R-COTATI-10A

MATCH LINE SHT. 217-SPRD 4 1216+00

MATCH LINE SHT. 219-SPRD 4 1228+00

1216+00 | 1216+45 | 1216+60 | 1217+00 | 1217+50 | 1218+00 | 1218+50 | 1219+00 | 1219+50 | 1220+00 | 1220+50 | 1221+00 | 1221+50 | 1222+00 | 1222+50 | 1223+00 | 1223+20 | 1223+30 | 1223+50 | 1224+00 | 1224+50 | 1225+00 | 1225+50 | 1226+00 | 1226+50 | 1227+00 | 1227+50 | 1228+00

21'01S 48"	24'01S 46"		24'01S 9D"	23'01S 13D"	23'01S 14H"	23'01S 15D"	23'01S 14D"	23'01S 18.5"	22'01S 11D"	BEG TRENCH / END TRENCH	23'01S 9D"	23'01S 12"	24'01S 13"	24'01S 14D"	24'01S 13.7"	24'01S 13.1"	23'01S 13D"										
1216+00	1216+45	1216+60	1217+72	1219+8D	1220+4D	1221+4D	1222+2D	1222+8D	1223+2D FLD PROBE	1223+50	1223+90	1224+5D	1225+1D	1225+70	1226+3D	1226+9D	1227+5D	1228+00									

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1–1.5" ID HDPE, 1–1.5" ID HDPE (SPARE), 1–1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

1216+00	1216+60		1223+20	1223+30
1216+45	1223+20		1223+30	1228+00
45'	460'		10'	470'
1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.22.00 TIDWELL LGA. TRACER WIRE JEB SINCRAUGH 6-15-01 IN BLACK 1.75 HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.08.00 MGE	LGA TRACER WIRE JEB SINCRAUGH 6-15-01 IN BLACK 1.25" HDPE	TRENCH 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1.18.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1.18.01 MGE

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Block Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION
- CABLE FIBER COUNT MFG. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
- INNERDUCT & TYPE (COLOR/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE UNIT PLACE
- FUTURE–2
- FUTURE–3
- FUTURE–4

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR–218–SPRD 4

Williams

Williams Construction - As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

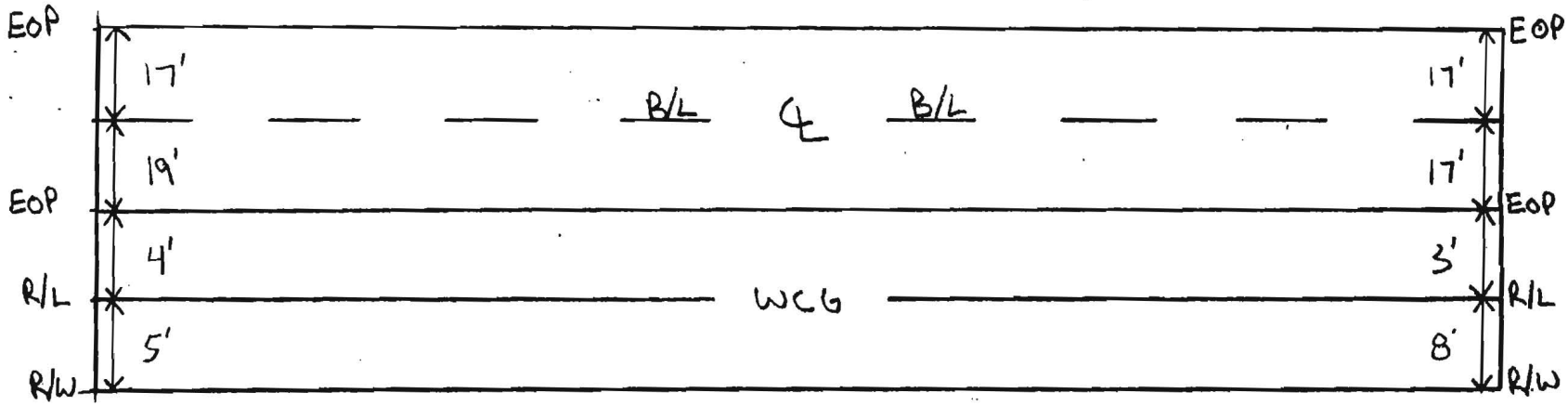
Date: 2-[illegible]10
Page No. [illegible]
Drawing #: Sacs-217, 218-4

From: Point Arena

N

To: Sacramento

1212+40	1213+00	1213+60	1214+20	1214+80	1215+40	1216+00	1216+45
48"	62"	87"	94"	94"	73"	56"	48"
23'0/s	23'0/s	23'0/s	23'0/s	22'0/s	21'0/s	21'0/s	21'0/s
Beg Bore	Bore	Bore	Bore	Bore	Bore	Bore MATCH LINE	End Bore



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

Williams

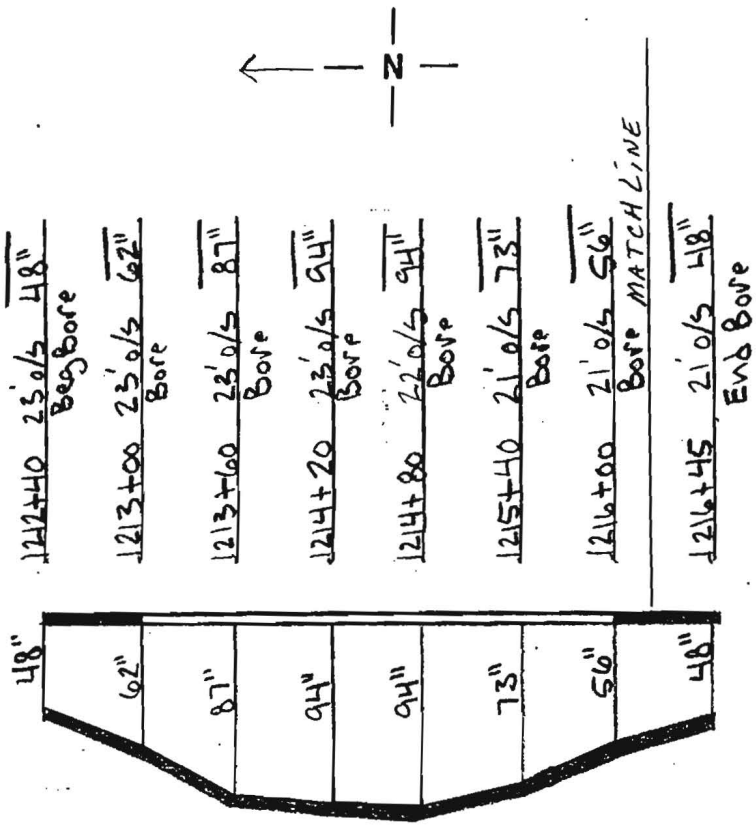
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12 [illegible]
Page No. 2
Drawing #: Sacr-217,218-H

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construc[illegible]s-Built Documentation

Spread Location:

Spread No. South 48

AFE No. 4875

Contract No. 99P154.16

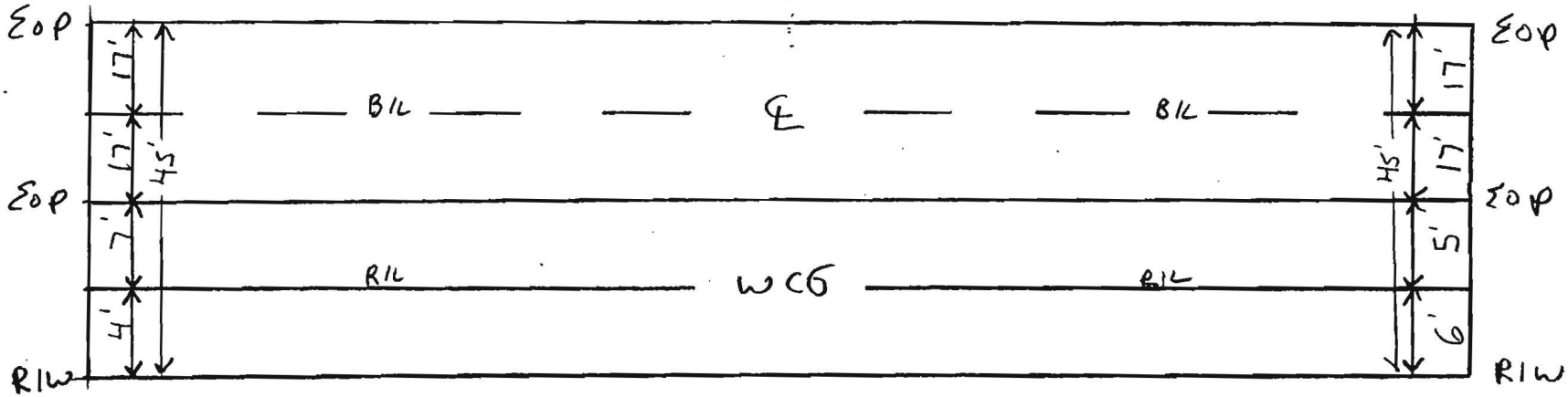
Date: 10-[illegible]

Page No. 1 of

Drawing #: SACR 219-4

From: Point Arena ← N → To: Sacramento

1218+60	1219+20	1219+80	1220+40	1221+00	1221+60	1222+20	1222+80	1223+20
48"	90"	130"	144"	150"	146"	132"	110"	48"
24'ois	24'ois	23'ois	23'ois	23'ois	23'ois	23'ois	22'ois	22'ois
Begin Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	End Bore



Notes:	County:	Contractor:
2 1½ HDPE Orange, Riser	Sonoma	Tidwell / MGE
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams Construc[illegible] As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 12-[illegible]10

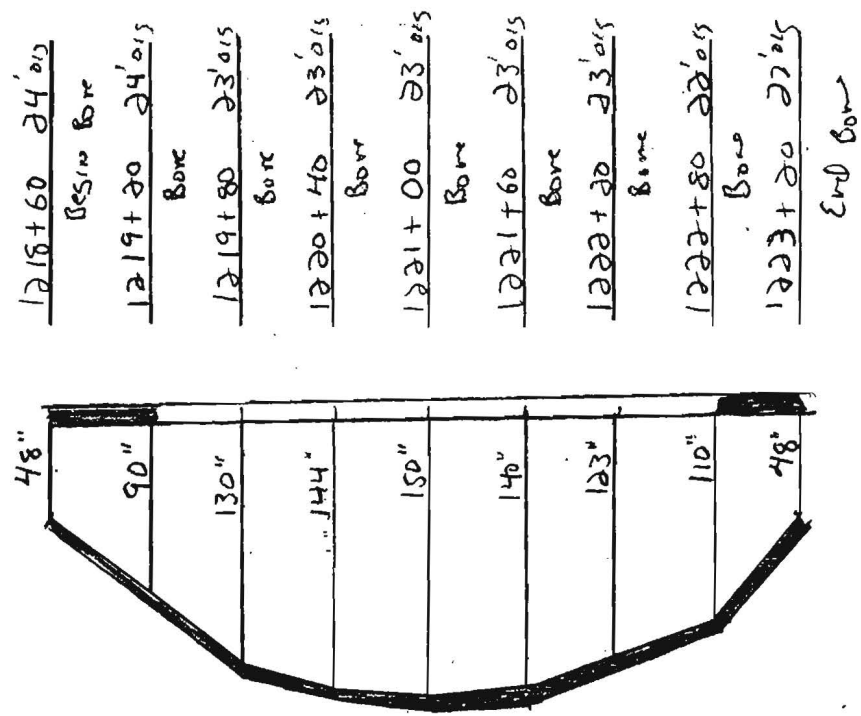
Page No. 2 of

Drawing #: SACR-219-4

From: Point Arena

To: Sacramento

← N —



Notes:	County:	Contractor:
2 1 1/2 HDPE orange, Blue	Sonoma	Tidwell / MGE
1 1 1/4 HDPE Black	Duct Configuration:	Inspector: JL Smits

1.11

Williams

Williams Construc[illegible] As-Built Documentation

Spread Location: _____

Spread No. 4B

AFE No. 4875

Contract No. 99PIS4160

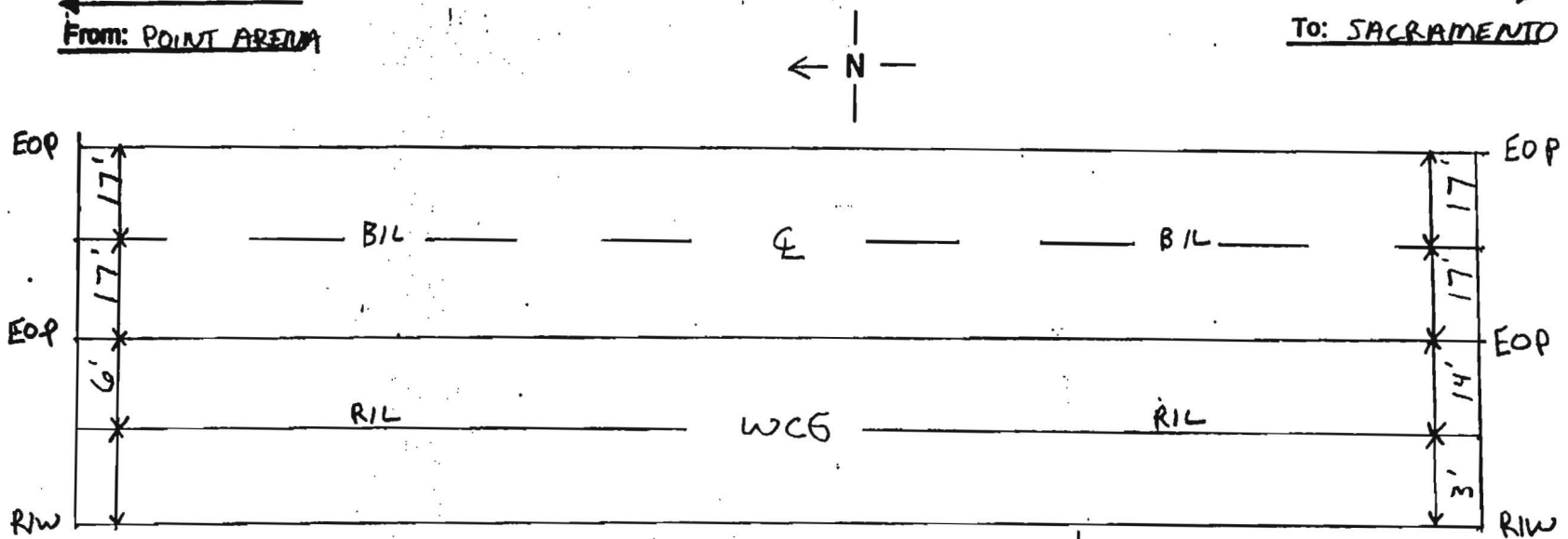
Date: _____

Page No. 1

Drawing #: SACR 218-219

From: POINT ARENA

To: SACRAMENTO



1223+30 23'o/s 48" Begin Bore

1223+90 23'o/s 90" Bore

1224+50 23'o/s 121" Bore

1225+10 24'o/s 131" Bore

1225+70 24'o/s 140" Bore

1226+30 24' 137" Bore

1226+90 24'o/s 131" Bore

1227+50 27'o/s 130"

1228+00 Bore MATCH LINE

1228+10 29'o/s 128" Bore

1228+70 30'o/s 90" Bore

1229+30 30'o/s 78" Bore

1229+85 31'o/s 48" END BORE

Notes:

2 1½ HDPE orange, Blue

1 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell / MGE

Inspector: JR SMITH

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Page No. 2 of

Drawing #: SACR 218-219

From: POINT ARENA

To: SACRAMENTO

N

1223+30 23'o/s Begin Bore

1223+90 23'o/s Bore

1224+50 23'o/s Bore

1225+10 24'o/s Bore

1225+70 24'o/s Bore

1226+30 24'o/s Bore

1226+90 24'o/s Bore

1227+50 27'o/s Bore

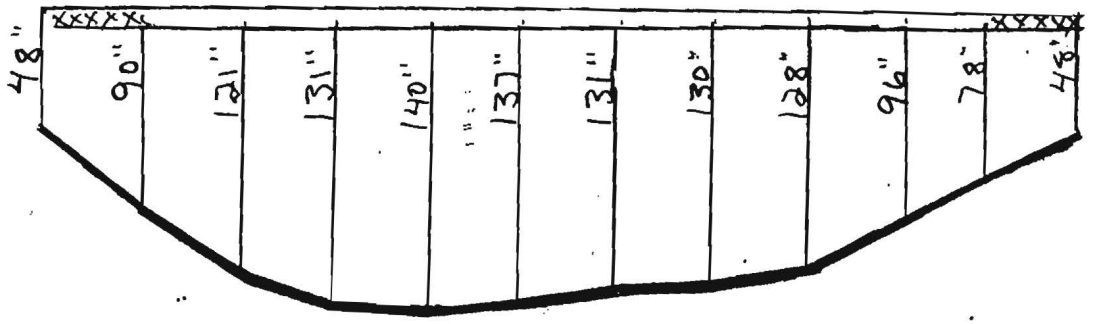
1228+00 Bore MATCH LINE

1228+10 29'o/s Bore

1228+70 30'o/s Bore

1229+30 30'o/s Bore

1229+85 31'o/s END Bore



Notes:

2 1½ HDPE Orange, Blue

HDPE Black

County: Sonoma

Duct Configuration:

Contractor: T. dwell

Inspector: JR SMHS

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1228+55 6' RT. TELE. POLE
1229+46 52' LT. CULVERT
1229+69 48' LT. DRIVEWAY
1229+89 53' LT. CULVERT
1229+90 ALL DUCT SPLICE
1230+17 3' RT. TELE. POLE
1230+45 63' LT. UTIL. POLE
1231+67 TELE. POLE
1232+41 8' LT. TRAFFIC SIG.
1233+24 1' RT. TELE. POLE
1233+65 8' LT. TRAFFIC SIG.
1233+75 74' LT. UTIL. POLE
1233+78 78' LT. TRAFFIC SIG.
1234+15 ALL DUCT SPLICE
1234+89 2' LT. TELE. POLE
1234+32 FIBER MANHOLE
1235+14 19' RT. FENCE CORNER
1235+20 78' LT. UTIL. POLE
1235+22 80' LT. TRAFFIC SIG.
1235+27 2' LT. FENCE CORNER
1235+28 79' LT. CULVERT
1235+32 TRAFFIC SIG.
1235+38 71' LT. TRAFFIC SIG.
1235+39 77' LT. TRAFFIC SIG.
1235+41 37' RT. ELEC. VAULT
1235+42 34' RT. TRAFFIC SIG.
1235+43 35' RT. TRAFFIC SIG.
1235+45 40' RT. ELEC. VAULT
1235+46 38' RT. TRAFFIC SIG.
1235+48 14' RT. TRAFFIC SIG.
1235+49 46' RT. FENCE CORNER
1235+49 50' RT. TRAFFIC SIG.
1235+51 13' RT. FENCE CORNER
1235+60 21' RT. FENCE CORNER
1235+61 74' LT. CULVERT
1235+83 ROHNERT PARK EXP.
1236+05 38' RT. TRAFFIC SIG.
1236+08 74' LT. CULVERT
1236+17 74' LT. TRAFFIC SIG.
1236+24 71' LT. TRAFFIC SIG.
1236+27 76' LT. TRAFFIC SIG.
1236+33 14' RT. TRAFFIC SIG.
1236+36 12' LT. TRAFFIC SIG.
1236+45 74' LT. CULVERT
1236+54 2' RT. TELE. POLE
1236+59 66' LT. TRAFFIC SIG.
1237+51 12' RT. FENCE CORNER
1237+68 3' RT. TELE. POLE
1237+84 63' LT. TRAFFIC SIG.
1237+40 ALL DUCT SPLICE
1238+60 63' LT. HANDHOLE
1239+07 51' LT. TRAFFIC SIG.
1239+08 55' LT. TRAFFIC SIG.
1239+21 5' RT. TELE. POLE
1239+33 6' LT. BOX
1239+66 59' LT. CULVERT
1239+68 67' LT. FENCE CORNER
1239+77 56' LT. DRIVEWAY
1239+88 67' LT. FENCE CORNER
1239+92 59' LT. CULVERT
1239+92 62' LT. UTIL. POLE

#1 #2 #3 #4

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY CALIFORNIA

SACRAMENTO →

MATCH LINE SHT. 218–SPRD 4 1228+00

MATCH LINE SHT. 220–SPRD 4 1240+00

ASPHALT DRIVE 24'0I'S 48"

RIGHT-OF-WAY BY OCCUPATION

28'0I'S 48"

34'0I'S 48"

32'0I'S 48"

ASPHALT DRIVE

PETALUMA HILL ROAD

Centerline of pavement

Centerline of pavement

N

34'

3'

13'

6'

28'

6'

R/W

WILLIAMS FIBER ROUTE

BEG TRENCH 34'0I'S 48"

END TRENCH

BEG TRENCH 28'0I'S 48"

END TRENCH

BEG TRENCH 32'0I'S 34"

END TRENCH

ROHNERT PARK EXPRESSWAY

DIRECTIONAL BORE UNDER ROHNERT PARK EXPRESSWAY MIN 6' DEPTH

BEG TRENCH

GRAVEL DRIVE

END TRENCH

1228+00 | 1228+10 | 29'0I'S 98" | 30'0I'S 96" | 30'0I'S 78" | BEG BORE | END BORE | 71'0I'S 90" | 71'0I'S 112" | 73'0I'S 110" | 75'0I'S 112" | 76'0I'S 110" | 77'0I'S 87" | 1234+10 END BORE | 1234+20 BEG BORE | 12'0I'S 32" HANDHOLE | 31'0I'S 62" | 33'0I'S 120" | 33'0I'S 120" | 33'0I'S 80" | 1237+00 END BORE | 1237+40 BEG BORE | 31'0I'S 112" | 31'0I'S 112" | 23'0I'S 114" | 23'0I'S 118" | 23'0I'S 121" | 1240+00

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1–1.5" ID HDPE, 1–1.5" ID HDPE (SPARE), 1–1.25" ID HDPE (SPARE)

1–1.25" BLACK, 1–1.5" HDPE BLUE, 1–1.5" HDPE ORANGE

1228+00	1229+85		1229+90	1234+10	1234+20	1234+60	1237+60	1237+00		1237+40	
1229+85	1229+90		1234+10	1234+20	1234+60	1237+60	1237+00	1240+00		1240+00	
185'	5'		470'	10'	40'	240'	40'	260'		260'	
1-11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1.18.01 MCE	TRENCH 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1-18-01 TIDWELL	GSA TRACER WIRE JEB SINCRAUGH 6-15-01 IN BLACK 1.25" HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.07.00 TIDWELL	TRENCH 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12-11-00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.11.00 PINPOINT DRILL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.11.00 PINPOINT DRILL	TRENCH 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12-11-00 TIDWELL		1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.11.00 TIDWELL	

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.L.P. Black Iron Pipe
- G.L.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line end/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION
- CABLE FIBER COUNT MFG. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
- INNERDUCT & TYPE (COLOR/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE UNIT PLACE
- FUTURE-2
- FUTURE-3
- FUTURE-4

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	

DRAWING NUMBER : SACR-219-SPRD 4

Williams

Williams Construction As-Built Documentation

Spread Location:

Spread No. 4B

AFE No. 4875

Contract No. 99PLS416

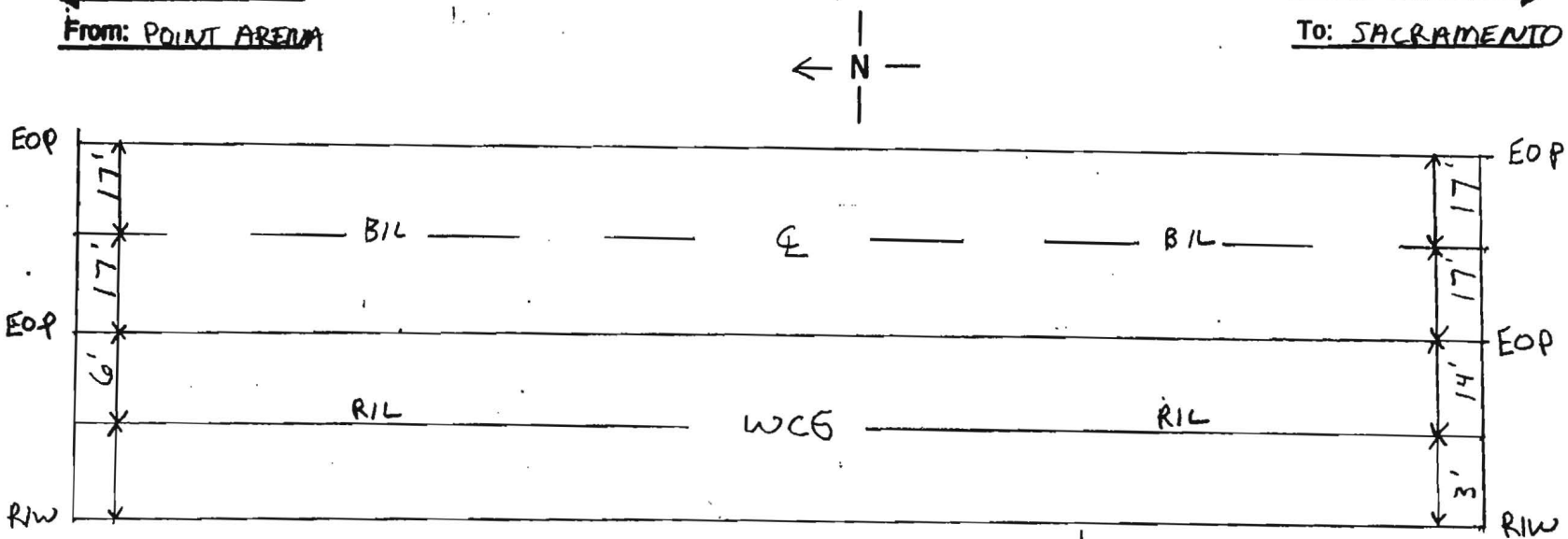
Date:

Page No. 1

Drawing #: SACR 218-219

From: POINT ARENA

To: SACRAMENTO



1223+30 23'o/s 48" Begin Bore

1223+90 23'o/s 90" Bore

1224+50 23'o/s 121" Bore

1225+10 24'o/s 131" Bore

1225+70 24'o/s 140" Bore

1226+30 24' 137" Bore

1226+90 24'o/s 131" Bore

1227+50 27'o/s 130"

1228+00 Bore MATCH LINE

1228+10 29'o/s 128" Bore

1228+70 30'o/s 90" Bore

1229+30 30'o/s 78" Bore

1229+85 31'o/s 48" END BORE

Notes:	County:	Contractor:
2 1½ HDPE orange, Blue 1 1¼ HDPE Black	Sonoma	Tidwell / MGE
	Duct Configuration:	Inspector: JR SMITS

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Page No. 2 of

Drawing #: SALE 218-219

From: POINT ARENA

To: SACRAMENTO

N

1223+30 23'o/s Begin Bore

1223+90 23'o/s Bore

1224+50 23'o/s Bore

1225+10 24'o/s Bore

1225+70 24'o/s Bore

1226+30 24'o/s Bore

1226+90 24'o/s Bore

1227+50 27'o/s Bore

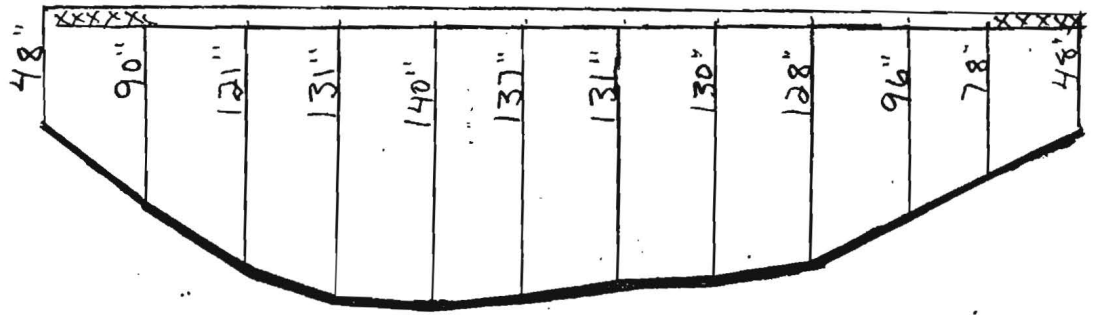
1228+00 Bore MATCH LINE

1228+10 29'o/s Bore

1228+70 30'o/s Bore

1229+30 30'o/s Bore

1229+85 31'o/s END Bore



Notes:

2 1½ HDPE Orange, Blue

1 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: T. dwell

Inspector: JR SMHS

Williams Construc[illegible]s-Built Documentation

Spread Location:

Spread No. South40

AFE No. 4825

Contract No. 99P154.16

Date: 12-[illegible]-10

Page No. 1 of 01

Drawing #: SACR-219-4

From: POINT ARENA

To: SACRAMENTO

N

1229+90 21'ois 48" Begin

1230+50 21'ois 90" Bore

1231+10 21'ois 112" Bore

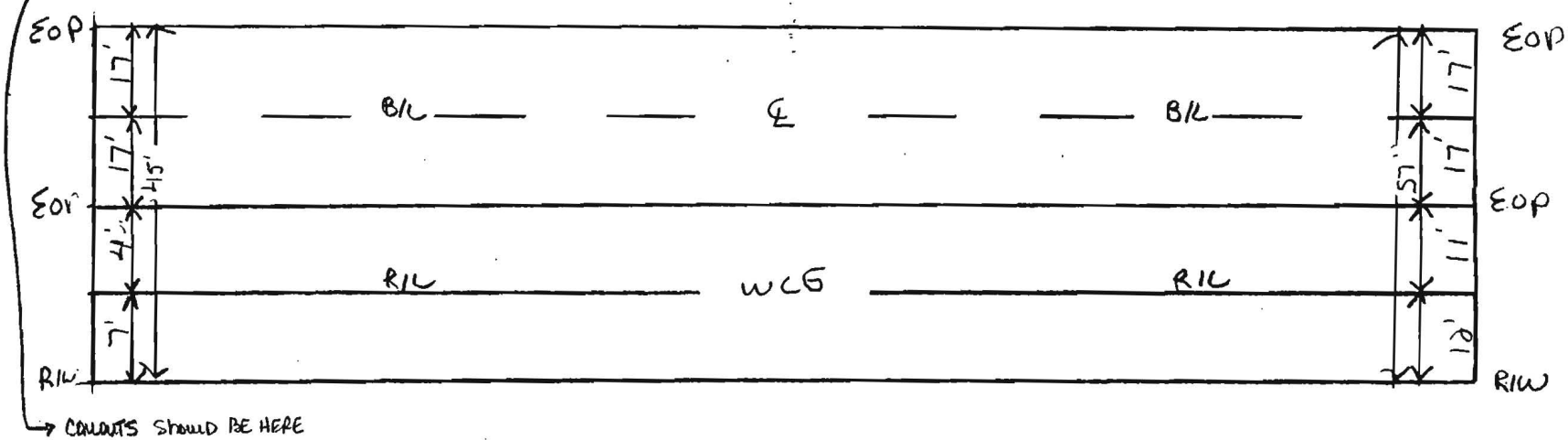
1231+70 23'ois 110" Bore

1232+30 25'ois 112" Bore

1232+90 26'ois 110" Bore

1233+50 27'ois 87" Bore

1234+10 28'ois 48" End Bore



→ CONDUITS SHOULD BE HERE

Notes:	County:	Contractor:
2 1½ HDPE orange Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector:
		JR Smith

Williams

Williams Construc[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 12-[illegible]

Page No. 2 of [illegible]

Drawing #:

SACR 219.4

From: POINT ARENA

To: SACRAMENTO

← N

1329+90 21'0"
Begin Bore

1330+50 21'0"
Bore

1331+10 21'0"
Bore

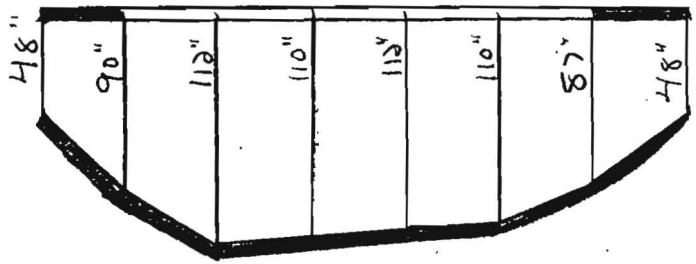
1331+70 23'0"
Bore

1332+30 25'
Bore

1333+90 26"
Bore

1335+50 27'0"
Bore

1337+10 28'0"
End Bore



Notes:	County:	Contractor:
2 1½ HDPE Orange Blue 1 1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: JE Smith

Williams Constructi As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-1[illegible]
Page No. 1 of 2
Drawing #: Socr-219-4

From: Point Arena

To: Sacramento

N

1234+20 31'o/s 48" Beg Bore

1234+80 31'o/s 62" Bore

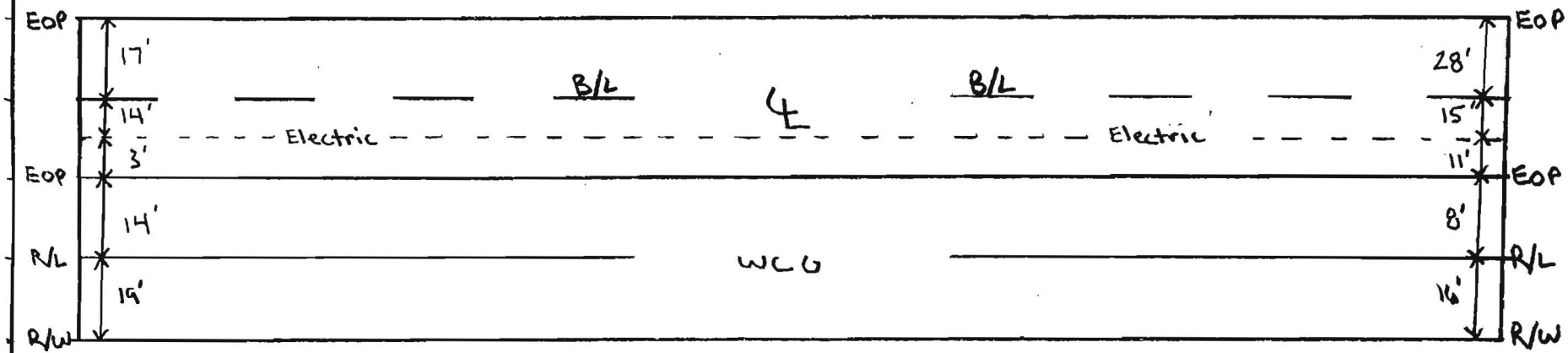
1235+40 33'o/s 120" Bore

1236+00 33'o/s 120" Bore

1236+60 33'o/s 80" Bore

1237+00 34'o/s 48" End Bore

Petaluma Hill Rd.



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	County: Sonoma	Contractor: Tidwell (Pin Point)
	Duct Configuration:	Inspector: Deb Sincraugh

Williams

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

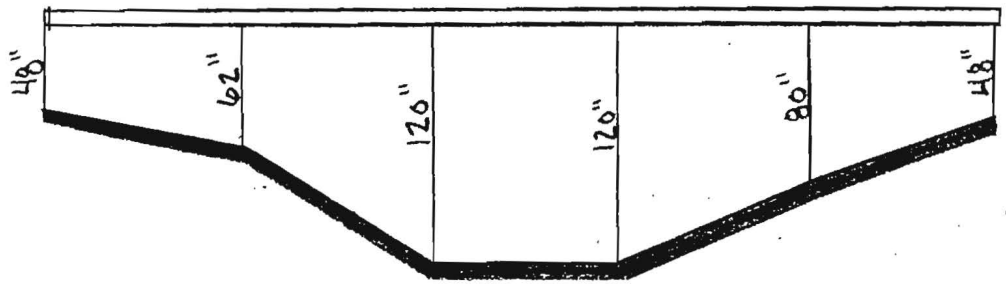
Date: 12-[illegible]0
Page No. 2 of
Drawing #: Sacr-219-4

From: Point Arena

To: Sacramento

N

1234+20	1234+80	1235+40	1236+00	1236+60	1237+00
31'o/s	31'o/s	33'o/s	33'o/s	33'o/s	34'o/s
48"	62"	120"	120"	80"	48"
Beg Bore	Bore	Bore	Bore	Bore	End Bore



Notes: 2 - 1½ HDPE Orange Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell (Pin Point)
	Duct Configuration:	Inspector: Jeb Sinclaugh

Williams Constructi[illegible]-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

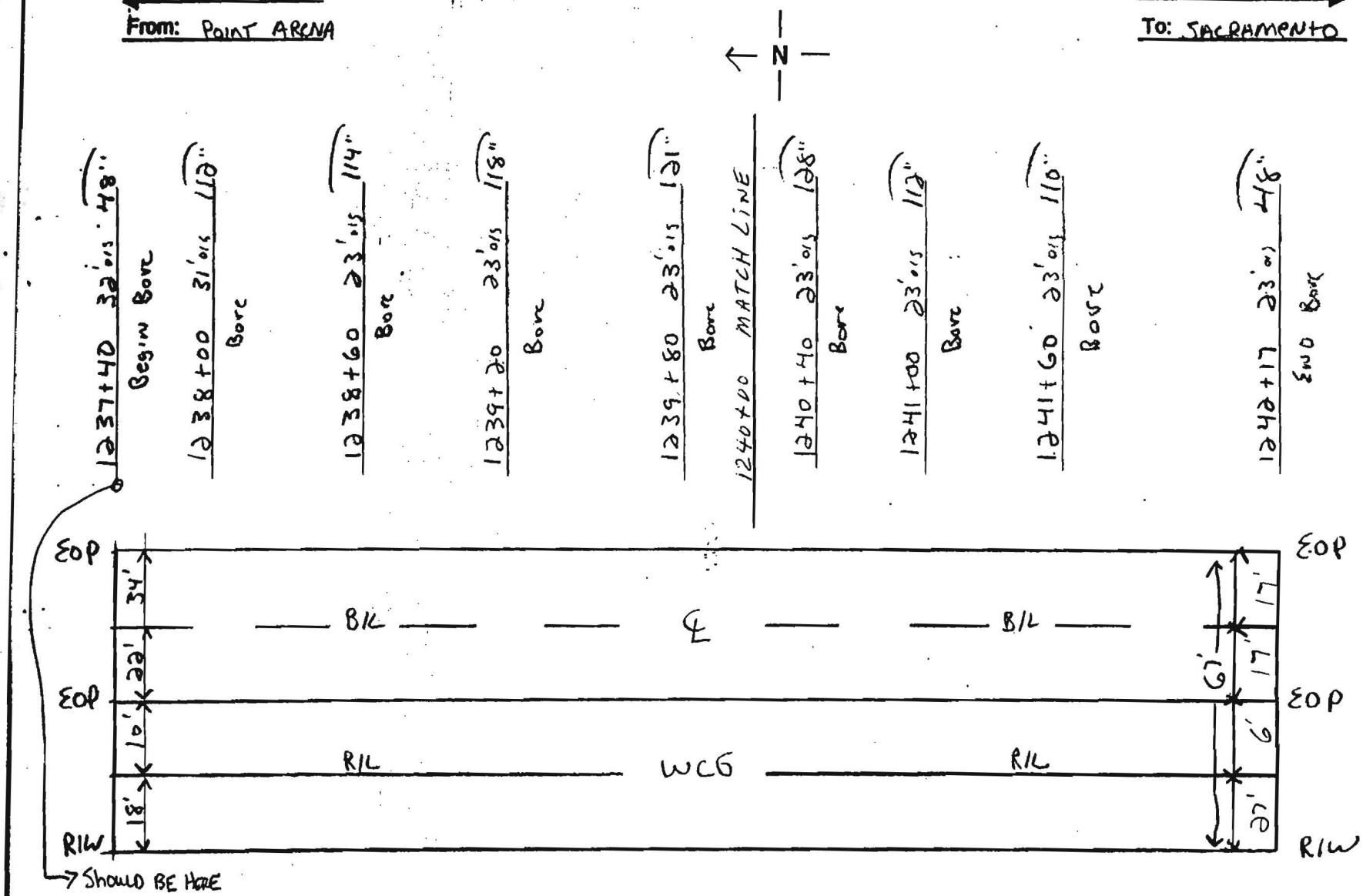
Date: 12-11[illegible]

Page No. 1 of

Drawing #: SACR 219-B20-4

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Constructi[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

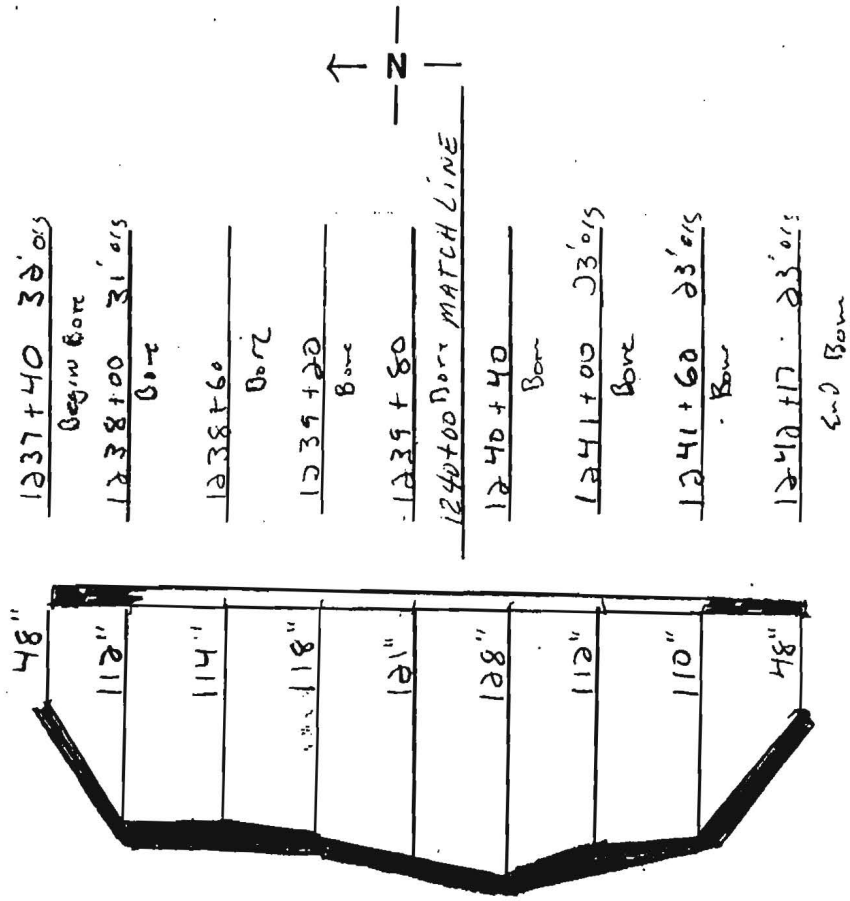
Date: 12-1[illegible]

Page No. 2 of [illegible]

Drawing #: 220 SACR 219-4

From: POINT ARENA

To: SACRAMENTO



Notes:	County: Sonoma	Contractor: Tidwell
2 1½ HDPE Orange Blue	Duct Configuration:	Inspector: JR Smits

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1240+71 3' RT. TELE. POLE
1241+18 FIBER MARKER
1242+20 ALL DUCT STRUCTURE
1242+30 5' RT. TELE. POLE
1242+56 58' LT. UTIL. POLE
1242+83 5' LT. BOX
1243+55 2' LT. CULVERT
1243+83 46' LT. CULVERT
1243+84 48' LT. CULVERT
1243+91 5' RT. TELE. POLE
1244+31 1' RT. CULVERT
1244+55 CULVERT
1244+65 7' LT. BOX
1244+87 50' LT. CULVERT
1245+01 CULVERT
1245+02 4' RT. FENCE CORNER
1245+04 45' LT. DRIVEWAY
1245+24 55' LT. FENCE CORNER
1245+25 4' RT. UTIL. POLE
1245+25 53' LT. UTIL. POLE
1245+28 49' LT. CULVERT
1245+28 CULVERT
1245+29 3' RT. FENCE CORNER
1247+15 ALL DUCT STRUCTURE
1247+30 2' RT. FENCE CORNER
1247+33 5' RT. TELE. POLE
1248+05 FIBER MARKER
1248+68 3' LT. BOX
1248+68 57' LT. FENCE CORNER
1248+79 46' LT. DRIVEWAY
1248+84 BEGIN STEEL
1248+88 4' RT. POLE
1248+99 45' LT. BEGIN BRIDGE
1249+30 52' LT. HEADWALL
1249+31 46' LT. CREEK
1249+67 47' LT. END BRIDGE
1249+83 END STEEL
1249+92 56' LT. UTIL. POLE
1250+67 61' LT. FENCE CORNER
1251+47 ALL DUCT STRUCTURE
1251+68 3' LT. FIFC. BOX

#4 #1 #2 #5 #3

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

#1 #2 #5 #3

MATCH LINE
SHT. 219–SPRD 4 1240+00

1252+00 MATCH LINE
SHT. 221–SPRD 4

PETALUMA HILL ROAD

RIGHT–OF–WAY BY OCCUPATION

Z3'0S 48"
Z0'0S 48"

38'
34'
25'

ASPHALT DRIVE
ASPHALT DRIVE
ASPHALT DRIVE
GRAVEL DRIVE
GRAVEL DRIVE

COPELAND CREEK
SIDEWALK
BRIDGE
DIRECTIONAL DRILL
BEGIN BORE

Centerline of pavement
Centerline of pavement

6'
14'
6'
4'
4'
4'

1240+00 1241+00 1242+00 1243+00 1244+00 1245+00 1246+00 1247+00 1248+00 1249+00 1250+00 1251+00 1252+00

WILLIAMS FIBER ROUTE

D/R–COTATI–10
WL–COTATI–4

RIGHT–OF–WAY BY OCCUPATION

1240+00	1240+40	Z3'0S 128"	1241+00	Z3'0S 112"	1241+60	Z3'0S 110"	1242+17 END BORE 1242+20 BEG BORE		1243+80	Z0'0S 90"	1244+30	Z0'0S 112"	1244+80	Z0'0S 116"	1245+00	Z0'0S 110"	1245+20	Z0'0S 110"	1245+80	Z0'0S 98"	1246+40	Z0'0S 93"	1247+10 END BORE 1247+20 BEG BORE		1247+80	Z4'0S Z40"	1248+40	Z6'0S 324"	1249+00	30'0S 348"	CREEK	1249+31	30'0S 348"	1249+40	30'0S 348"	1250+20	30'0S Z52"	1250+80	30'0S 120"	1251+40	1251+70 END BORE / BEG BORE	1252+00	1252+00

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1–1.5" ID HDPE, 1–1.5" ID HDPE (SPARE), 1–1.25" ID HDPE (SPARE)

1–1.25" BLACK HDPE, 1–1.5" BLUE HDPE, 1–1.5" ORANGE HDPE

1240+00 1242+17 217'		1242+17 1242+20 3'	1242+20 1247+10 490'	1247+10 1247+20 10'		1247+20 1248+80 160'	1248+80 1249+80 100'	1249+80 1251+70 190'	1251+70 1252+00 30'
1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS - 12.11.00 TIDWELL		TRENCH 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12-11-00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.08.00 TIDWELL	TRENCH 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12-13-00 TIDWELL	LOCATE TRACER WIRE JEB SINCLAUSEN IN BLACK 1.25 HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS PIN POINT DRLG 12.13.00	1.11 & 3.21 2-1.5" HDPE 1-1.25" HDPE JR SMITS PIN POINT DRLG 12.13.00	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS PIN PT DRLG 12.13.00	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCLAUSEN PIN POINT DRLG. 12.15.00

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- Ct. Road
- Ct. RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Block Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1–800–582–9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1–888–945–2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1–800–227–2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION
- CABLE FIBER COUNT MFG. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
- INNERDUCT & TYPE (CORR/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE UNIT PLACE
- FUTURE–2
- FUTURE–3
- FUTURE–4

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR–220–SPRD 4

Williams Construct[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 12-11

Page No. 1 of

Drawing #: SACR 219-B20-4

From: POINT ARENA

To: SACRAMENTO

N

1237+40 32'0"S 48" Begin Bore

1238+00 31'0"S 110" Bore

1238+60 23'0"S 114" Bore

1239+20 23'0"S 118" Bore

1239+80 23'0"S 131" Bore

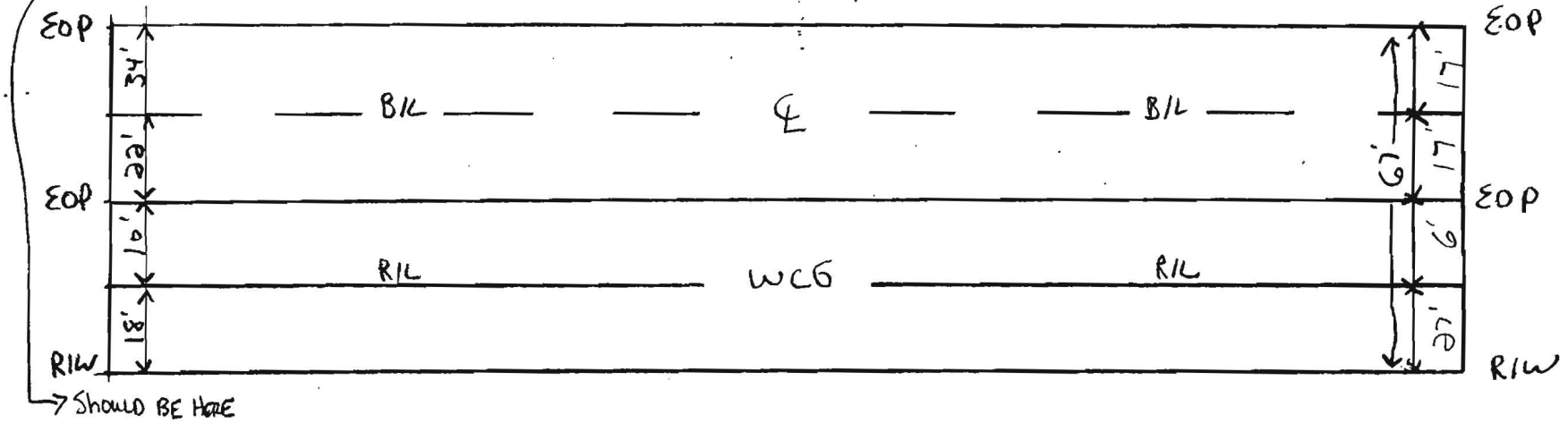
1240+00 MATCH LINE

1240+40 23'0"S 138" Bore

1241+00 23'0"S 112" Bore

1241+60 23'0"S 110" Bore

1242+17 23'0"S 94" End Bore



Notes:	County:	Contractor:
2 1½ HDPE orange, blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams Construct[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154-16

Date: 12-1

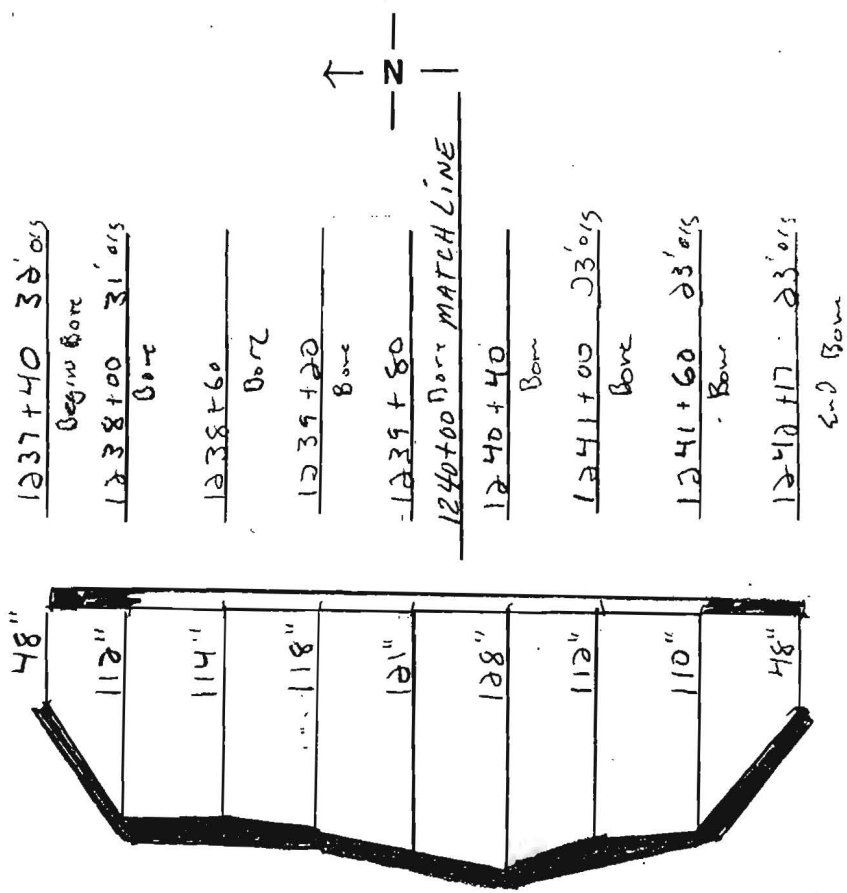
Page No. 2 of [illegible]

Drawing #: 220

SACR 219-4

From: POINT ARENA

To: SACRAMENTO



Notes:	County: Sonoma	Contractor: Tidwell
2 1½ HDPE orange Bur 1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams Construct[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

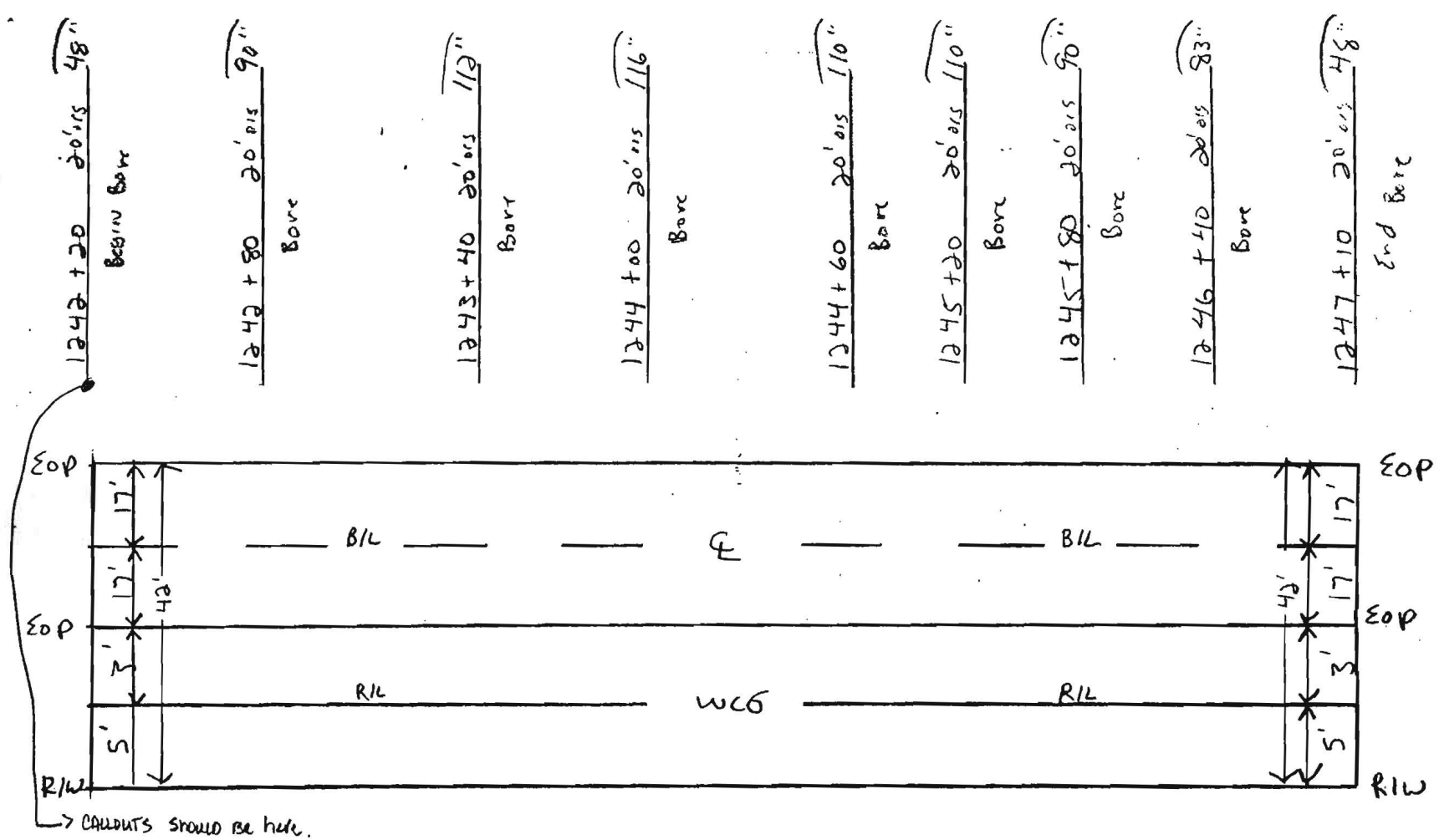
Date: 12-0[illegible]

Page No. 1 of

Drawing #: SACR 220-4

From: Point Arena

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

Williams Construc[illegible] As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

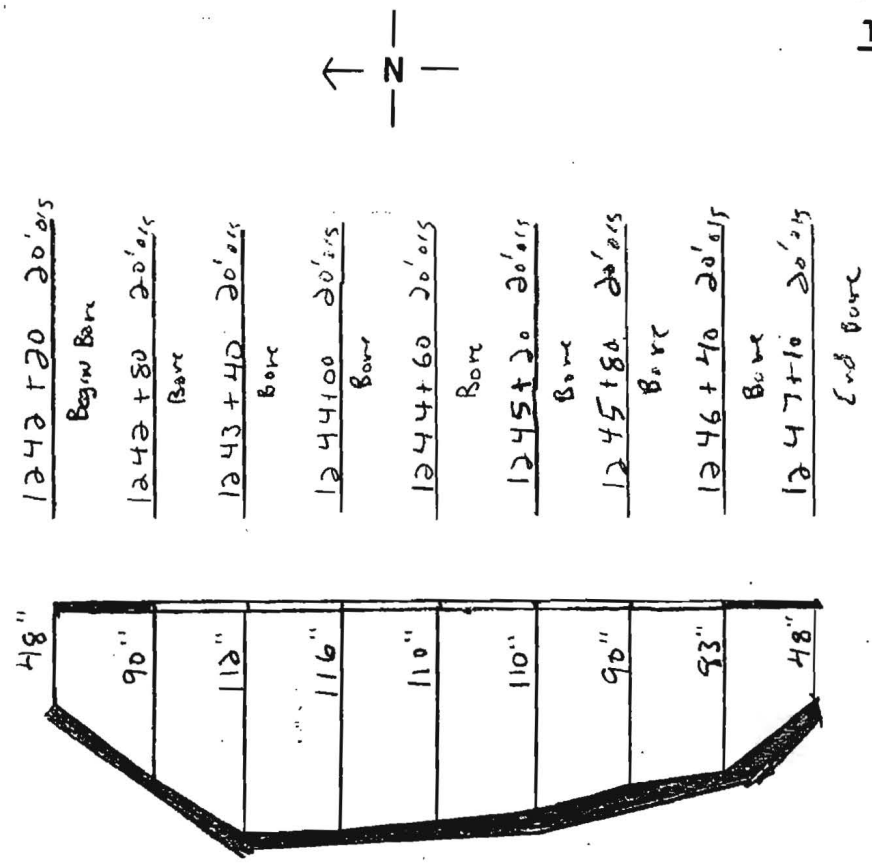
Date: 12-0[illegible]

Page No. 2[illegible]

Drawing #: SACR 220-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 1 1/2 HDPE Orange Blue	Sonoma	Tidwell
1 1 1/4 HDPE Black	Duct Configuration:	Inspector: JR Smits

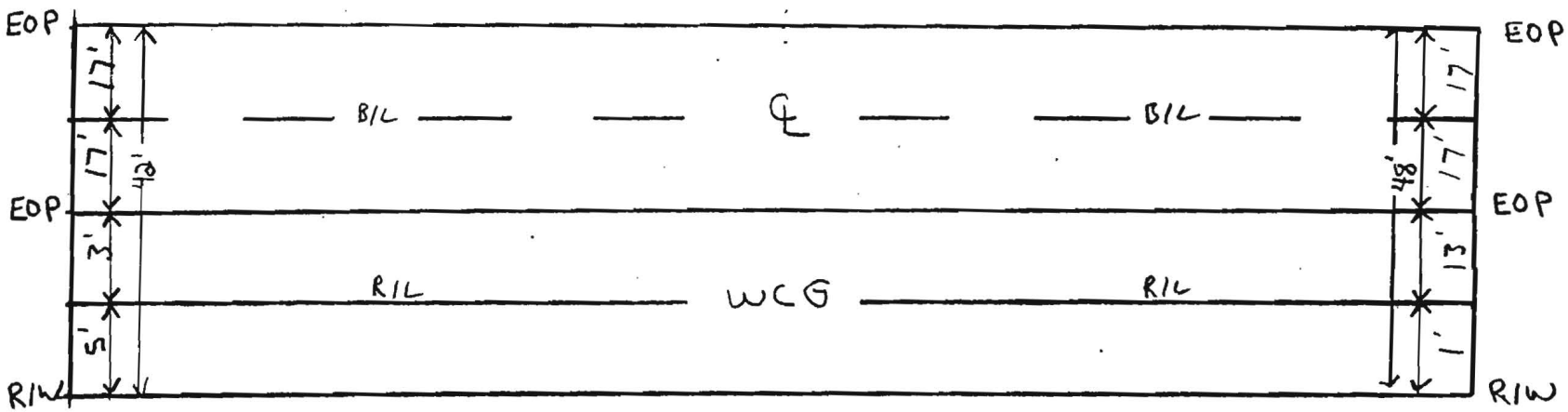
Williams Construc As-Built Documentation

Spread Location: anta ROSA
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-13
Page No. 1
Drawing #: SMLR 220.4

From: POINT AREVA ← N → To: Sacramento

1247+20	1247+80	1248+40	1249+00	1249+31	1249+60	1250+20	1250+80	1251+40	1251+70
48"	24"	24"	36"	Creek	36"	36"	24"	12"	48"
30' o/s	24' o/s	26' o/s	30' o/s		30' o/s	30' o/s	30' o/s	30' o/s	30' o/s
Begin Bore	Bore	Bore	Bore		Bore	Bore	Bore	Bore	End Bore



Notes:	County:	Contractor:
2 1½ HDPE orange, Blue 1 1¼ HDPE Black	Sonoma	Tidwell / PinPoint
	Duct Configuration:	Inspector: JR Smits

Williams Construction As-Built Documentation

Spread Location: NTA ROSA
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-13-
Page No. 2 of
Drawing #: SACR 220-4

From: POINT ARENA

To: SACRAMENTO

N

1247+20 30' o/s
Begin Bore

1247+80 24' o/s
Bore

1248+40 26' o/s
Bore

1249+00 30' o/s
Bore

1249+31 Creek

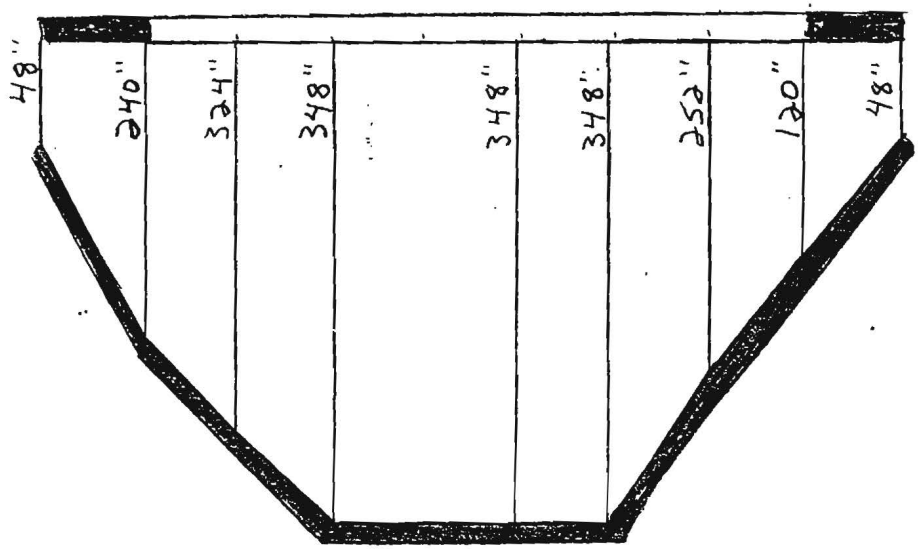
1249+60 30' o/s
Bore

1250+20 30' o/s
Bore

1250+80 30' o/s
Bore

1251+40 30' o/s
Bore

1251+70 30' o/s
End Bore



Notes:

County: Sonoma

Contractor: Tidwell

Williams

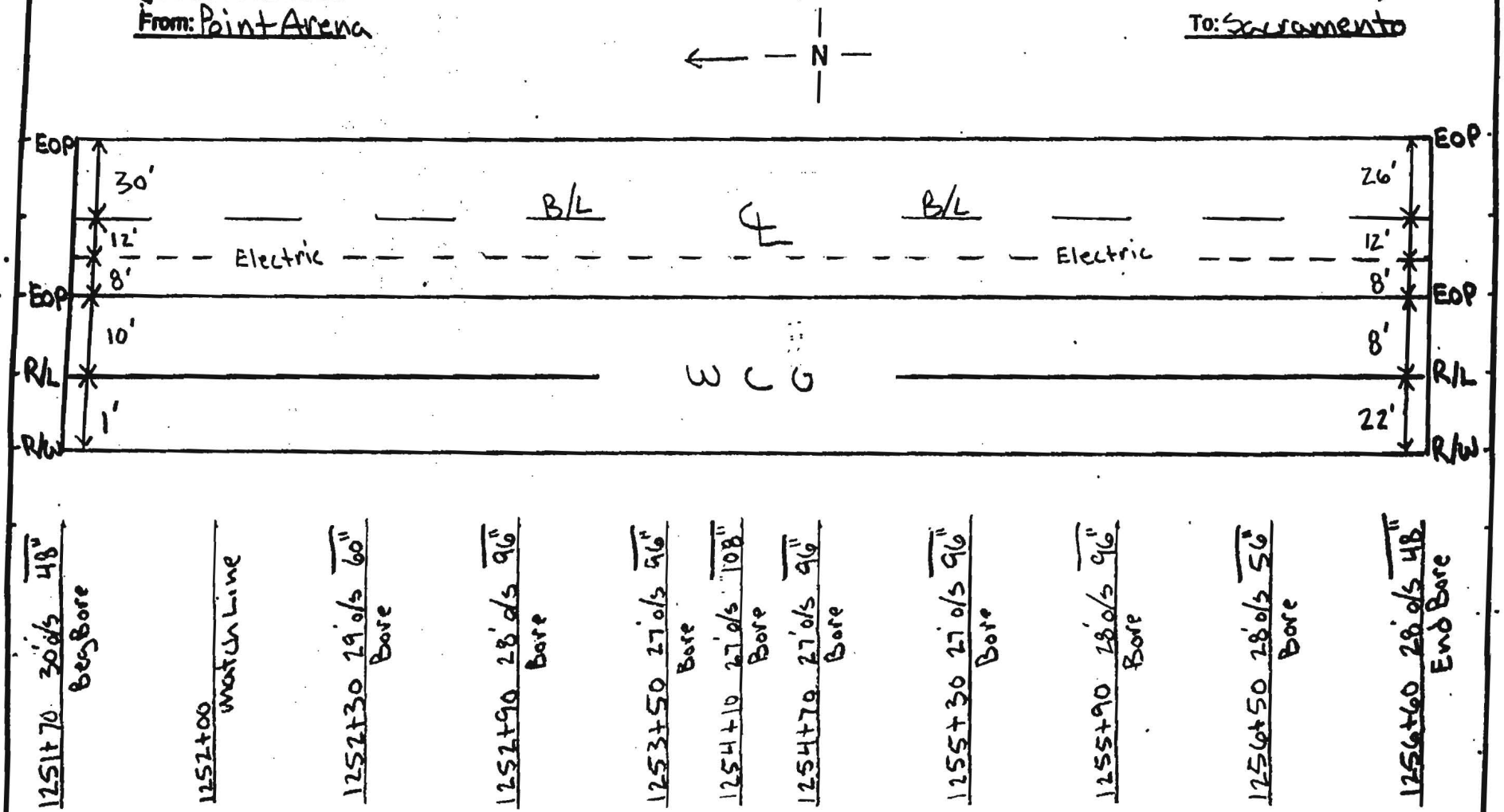
Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Page No. 1
Drawing #: Sour-220, 221-4

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (Pin Point)

Inspector: Jebs Ivcraugh

Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible] to Rosa
Spread No. South 48
AFE No. 4875
Contract No. 99P154.16

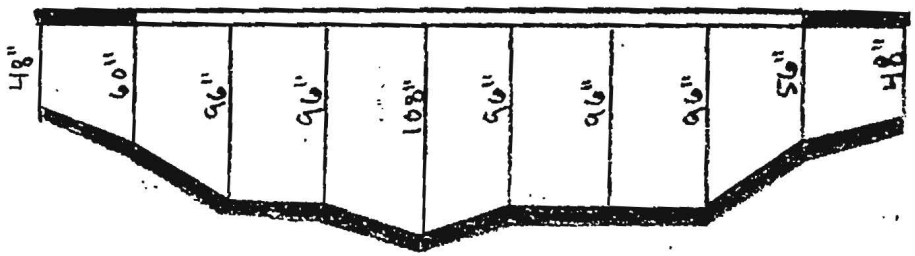
Date: 12-13
Page No. 2
Drawing #: Sacr-220, 221-4

From: Point Arena

To: Sacramento

N

1251+70 30'0/s 48" Beg Bore
1252+30 MATCH LINE
1252+30 29'0/s 60" Bore
1252+90 28'0/s 96" Bore
1253+50 27'0/s 96" Bore
1254+10 27'0/s 108" Bore
1254+70 27'0/s 96" Bore
1255+30 27'0/s 96" Bore
1255+90 28'0/s 96" Bore
1256+50 28'0/s 56" Bore
1256+60 28'0/s 48" End Bore



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (PinPoint)

Inspector: Seb Sinyavsky

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1252+13 80' LT. UTIL POLE
1252+20 80' RT. CULVERT
1252+22 BRIDGE
1252+89 9' RT. CULVERT
1253+36 59' LT. END STEEL
1254+54 52' LT. STORM MH
#3 1254+90 FIBER MARKER
1255+24 10' RT. TREE
1255+35 63' LT. UTIL POLE
1255+97 3' LT. VAULT
#1 1256+20 PULL DUCT SPLICE
1256+85 1' LT. STORM MH
1258+40 56' LT. CULVERT
1258+65 9' RT. TREE
1258+68 57' LT. CULVERT
1258+69 65' LT. UTIL POLE
1259+99 2' LT. ELEC. BOX
1260+27 67' LT. UTIL POLE
1261+17 7' RT. TREE
#4 1261+47 FIBER MARKER
#2 1261+50 PULL DUCT SPLICE
1261+77 68' LT. UTIL POLE
1261+97 13' RT. TREE
1262+62 58' LT. CULVERT
1262+77 55' LT. DRIVEWAY
1262+89 59' LT. CULVERT
1263+39 5' RT. TREE
1263+53 18' LT. TREE
1263+57 54' LT. HANDHOLE
1263+88 STORM MH
1263+89 5' RT. TREE

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

#3 #1 #2 #4

MATCH LINE
SHT. 220–SPRD 4 1252+00

PETALUMA HILL ROAD

Centerline of pavement

END BORE

ASPHALT DRIVE

ASPHALT DRIVE

28'DIS 48"

28'DIS 48"

RIGHT–OF–WAY BY OCCUPATION

75'DIS 48"

75'DIS 48"

ASPHALT DRIVE

N

PROPOSED WILLIAMS FIBER ROUTE

RIGHT–OF–WAY BY OCCUPATION

BEG TRENCH

END TRENCH

BEG TRENCH

END TRENCH

ASPHALT DRIVE

MATCH LINE
SHT. 222–SPRD 4 1264+00

1252+00																					1264+00
	29'DIS 68"	28'DIS 96"	27'DIS 96"	27'DIS 108"	27'DIS 96"	27'DIS 96"	28'DIS 96"	BEG TRENCH													
1252+30								1256+60	END TRENCH	28'DIS 42"	28'DIS 112"	27'DIS 121"	27'DIS 121"	27'DIS 123"	25'DIS 119"	25'DIS 100"	25'DIS 96"	BEG TRENCH	END TRENCH	25'DIS 60"	
1252+90	1257+30	1257+90	1258+30	1258+90	1259+30	1259+90	1260+30	1256+65	1261+45	1257+10	1258+00	1258+40	1259+10	1259+80	1260+40	1261+00	1261+45	1261+55	1261+90	1262+30	1262+90
1253+50	1257+90	1258+30	1258+90	1259+30	1259+90	1260+30	1260+90	1261+45	1261+55	1258+00	1258+40	1259+10	1259+80	1260+40	1261+00	1261+45	1261+55	1261+90	1262+30	1262+90	1263+30
1254+10	1258+30	1258+90	1259+30	1259+90	1260+30	1260+90	1261+30	1261+55	1261+90	1258+40	1259+10	1259+80	1260+40	1261+00	1261+45	1261+55	1261+90	1262+30	1262+90	1263+30	1263+90
1254+70	1258+90	1259+30	1259+90	1260+30	1260+90	1261+30	1261+90	1262+30	1262+90	1259+10	1259+80	1260+40	1261+00	1261+45	1261+55	1261+90	1262+30	1262+90	1263+30	1263+90	1264+00
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1258+70	1262+30	1262+90	1263+30	1263+90	1264+00					1262+30	1262+90	1263+30	1263+90	1264+00							
1259+30	1262+90	1263+30	1263+90	1264+00						1262+90	1263+30	1263+90	1264+00								
1259+90	1263+30	1263+90	1264+00							1263+30	1263+90	1264+00									
1260+50	1263+90	1264+00								1263+90	1264+00										
1261+10	1264+00									1264+00											

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1–1.5" ID HDPE, 1–1.5" ID HDPE (SPARE), 1–1.25" ID HDPE (SPARE)

1-1.25" BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

1252+00		1256+60	1256+65		1261+45	1261+55		1264+00
1256+60		1256+65	1261+45		1261+55	1264+00		1264+00
460'		5'	480'		10'	245'		1080'
1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCBAUGH 12-15-00 PIN POINT DRLG		TRENCH 2-1.5" HDPE 1-1.25" HDPE JEB SINCBAUGH 12-15-00 TTOWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCBAUGH 12.13.00 MGE	GSA TRACER WIRE JEB SINCBAUGH 6-15-01 IN BLACK 1.25" HDPE	TRENCH 2-1.5" HDPE JEB SINCBAUGH 12-13-00 TTOWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCBAUGH 12.12.00 MGE		3.21 PD BY JR SMITS 2.13.01 TTOWELL * NOTE

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1–800–582–9069

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1–800–227–2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS — CABLE DESCRIPTION
CABLE REEL NO.
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH
INNERDUCT & TYPE (CORR/SMOOTH/COLOR) — PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE
PVC
FUTURE-2 — FUTURE UNIT PLACE
FUTURE-3
FUTURE-4

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	

DRAWING NUMBER : SACR–221–SPRD 4

Williams

Williams Construc[illegible] As-Built Documentation

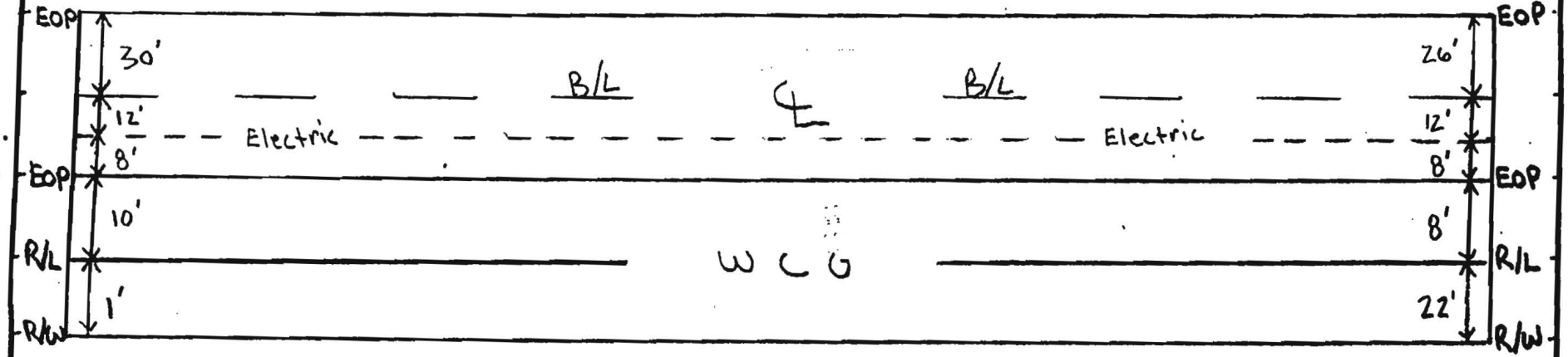
Spread Location: [illegible]anta Rosa
Spread No. SouthHB
AFE No. 4875
Contract No. 99P154.16

Page No. 1
Drawing #: Sour-220, 221-4

From: Point Arena

N

To: Sacramento



1251+70 30'o/s 48" Beg Bore

1252+00 Match Line

1252+30 29'o/s 60" Bore

1252+90 28'o/s 96" Bore

1253+50 27'o/s 96" Bore

1254+10 27'o/s 108" Bore

1254+70 27'o/s 96" Bore

1255+30 27'o/s 96" Bore

1255+90 28'o/s 96" Bore

1256+50 28'o/s 56" Bore

1256+60 28'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (Pin Point)

Inspector: Jeb Sincraugh

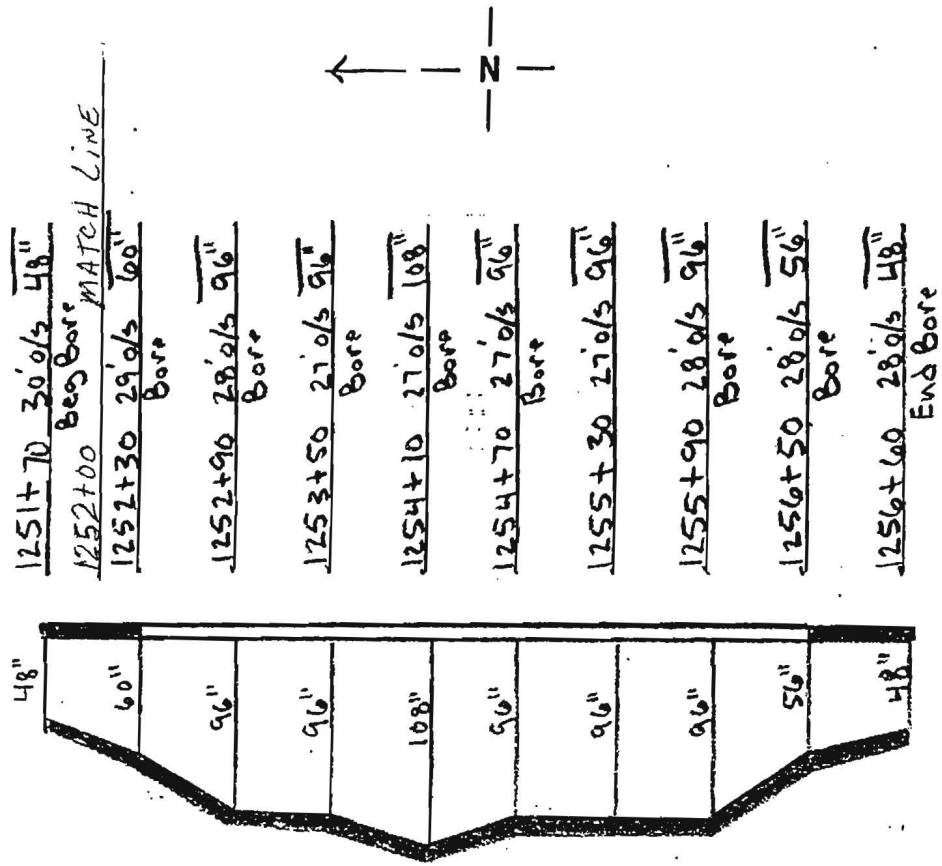
Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-15
Page No. 2
Drawing #: Sacr-220, 221-4

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue
1 - ¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (PinPoint)

Inspector: Seb Sinnaugh

Williams

Williams Construc[illegible] As-Built Documentation

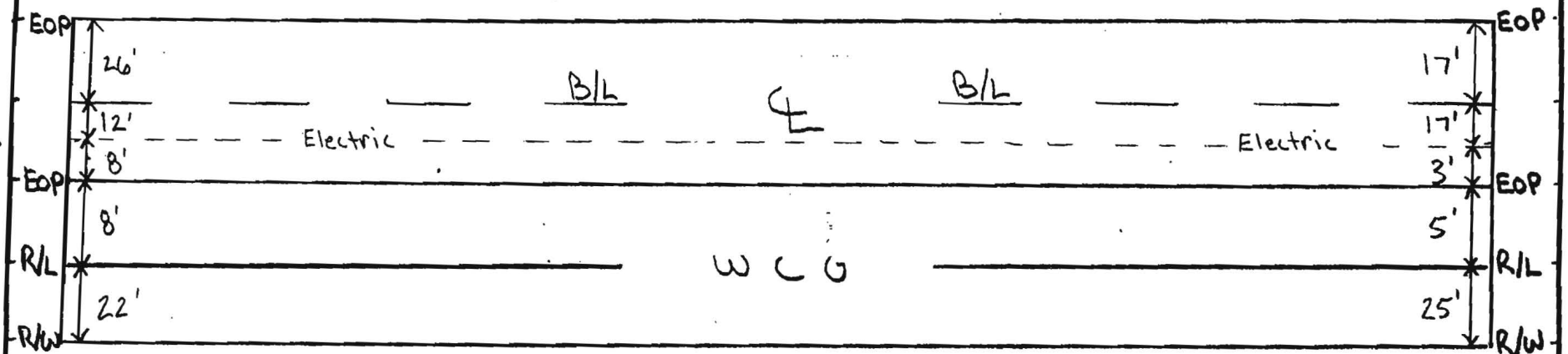
Spread Location: [illegible]sta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Page No. 1 [illegible]
Drawing #: Swcr-221-4

From: Point Arena

N

To: Sacramento



1256+65 28'd/s 48" Beg Bore

1256+80 28'd/s 42" Bore

1257+40 28'd/s 112" Bore

1258+00 27'd/s 121" Bore

1258+60 27'd/s 121" Bore

1259+20 26'd/s 123" Bore

1259+80 25'd/s 119" Bore

1260+40 25'd/s 100" Bore

1261+00 25'd/s 56" Bore

1261+45 25'd/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (MGE)

Inspector: Jebs Sivcraugh

Williams Constructi[illegible]s-Built Documentation

Spread Location: [illegible] to Rosa

Spread No. South 48

AFE No. 4875

Contract No. 99P154.16

Date: 12-15-

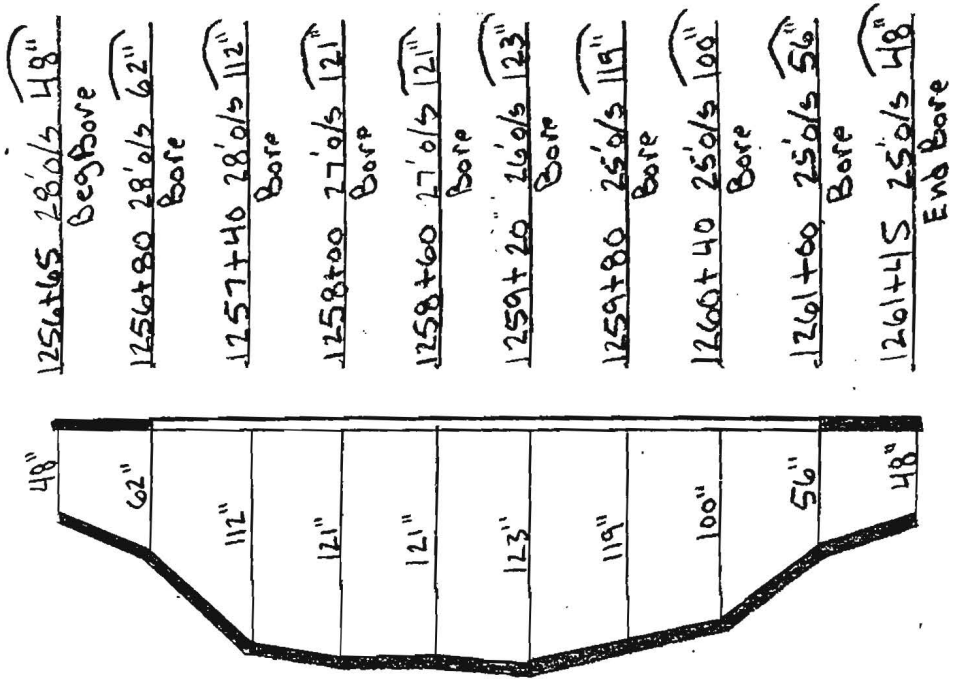
Page No. 2 of

Drawing #: Sour-221-4

From: Point Arena

To: Sacramento

N



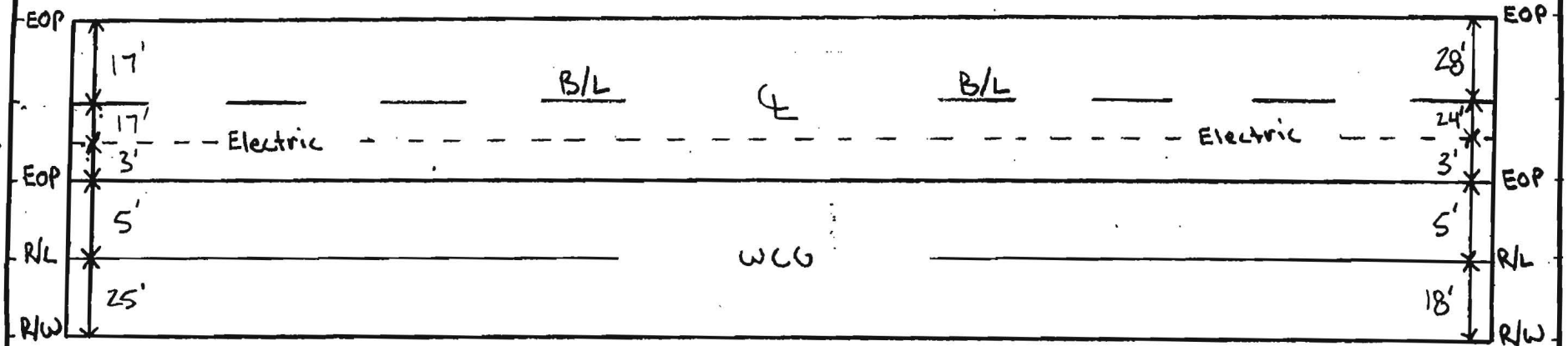
Notes: 2 - 1½ HDPE Orange, Blue 1 - ¼ HDPE Black	County: Sonoma	Contractor: Tidwell (MGE)
	Duct Configuration:	Inspector: Seb Sinclaugh

Williams Construc... As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-1... 9
Page No. 1
Drawing #: Sacr-721-722-4

From: Point Arena ← N → To: Sacramento



1261+55 25'o/s 48" Beg Bore
1261+70 25'o/s 60" Bore
1262+30 25'o/s 104" Bore
1262+90 25'o/s 101" Bore
1263+50 27'o/s 100" Bore
1264+00 Match Line
1264+10 28'o/s 97" Bore
1264+70 28'o/s 96" Bore
1265+30 30'o/s 97" Bore
1265+90 30'o/s 85" Bore
1266+50 31'o/s 70" Bore
1266+65 32'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

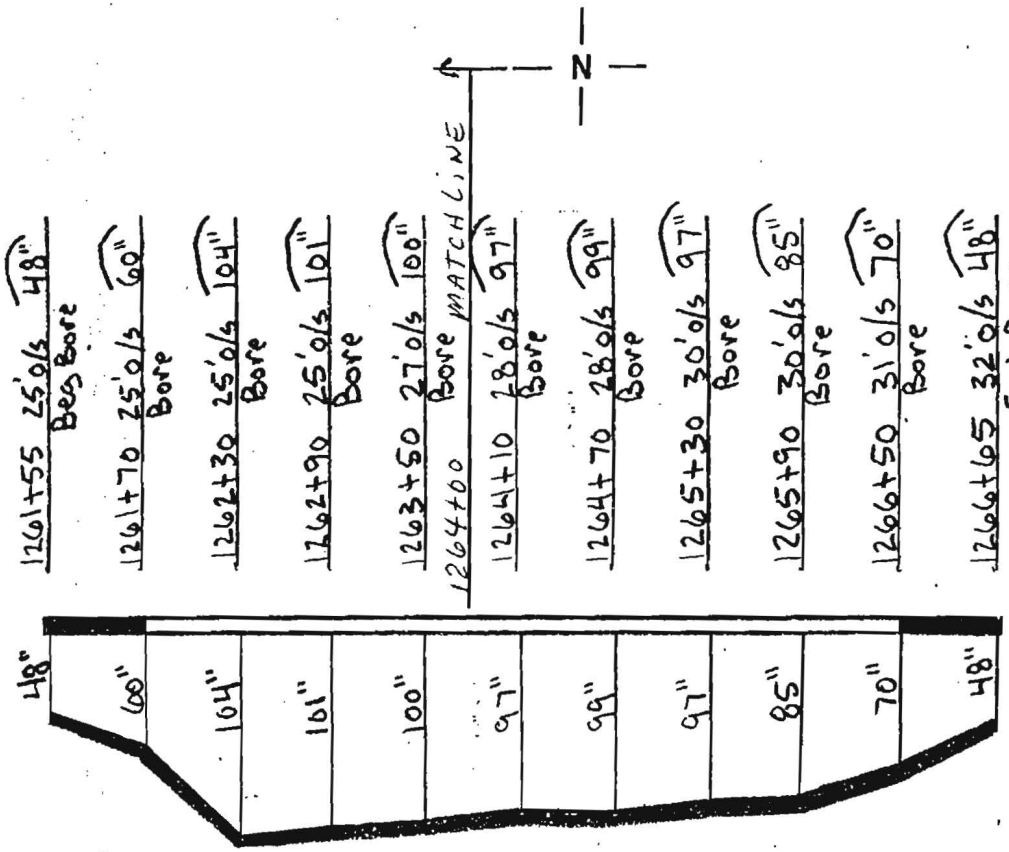
County: Sonoma
Duct Configuration:
Contractor: Tidwell (MGE)
Inspector: Jeb Sincraugh

Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-14
Page No. 2
Drawing #: Saur-221-222-4

From: Point Arena → To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black		County: Sonoma	Contractor: Tidwell (MGE)
		Duct Configuration:	Inspector: Jeb Sincraugh

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

1263+99 5' LT. VAULT
1264+61 25' RT. UTIL. POLE
1264+90 5' RT. TREE
1264+98 62' LT. UTIL. POLE
1265+00 16' RT. TREE
1265+23 32' LT. DRIVEWAY
1265+48 FIBER MARKER
1265+53 13' RT. TREE
1266+54 13' RT. TREE
1266+70 TAIL DUCT STUBS
1267+03 12' RT. TREE
1267+43 74' LT. CULVERT
1267+80 61' LT. DRIVEWAY
1267+79 75' LT. CULVERT
1268+08 8' RT. TREE
1268+16 73' LT. UTIL. POLE
1268+53 VAULT
1268+55 4' LT. VAULT
1268+56 5' RT. TREE
1269+08 3' RT. TREE
1269+09 74' LT. UTIL. POLE
1269+48 1' LT. VAULT
1269+58 1' RT. TREE
1270+45 ALL DUCT STUBS
1270+55 73' LT. DROP INLET
1270+77 2' LT. TRAFFIC SIG.
1270+98 2' LT. MANHOLE
1271+00 75' LT. TRAFFIC SIG.
1271+01 75' LT. TRAFFIC SIG.
1271+04 3' RT. TRAFFIC SIG.
1271+07 3' RT. TRAFFIC SIG.
1271+16 BEGIN STEEL
1271+20 11' RT. LIGHT POLE
1271+54 E. COTI AVE.
1271+79 37' RT. TRAFFIC SIG.
1271+85 12' RT. TRAFFIC SIG.
1271+90 26' RT. UTIL. POLE
1271+91 END STEEL
1271+92 21' RT. TRAFFIC SIG.
1271+98 19' RT. ELEC. VAULT
1272+03 13' RT. ELEC. VAULT
1272+03 14' RT. LIGHT POLE
1272+03 72' LT. TRAFFIC SIG.
1272+06 74' LT. TRAFFIC SIG.
1272+11 1' LT. TRAFFIC SIG.
1272+20 6' LT. CULVERT
1272+40 70' LT. TRAFFIC SIG.
1272+60 7' LT. CULVERT
1273+05 4' RT. TELE. POLE
1273+12 18' RT. FENCE CORNER
1274+55 59' RT. TRAFFIC SIG.
1274+64 51' LT. TRAFFIC SIG.
1274+90 75' LT. UTIL. POLE
1274+94 82' LT. HEADWALL
1274+94 90' LT. HEADWALL
1274+94 82' LT. CULVERT
1274+95 65' LT. BOX CULVERT
1274+98 85' LT. CHESTER DRIVE
1275+12 69' LT. HEADWALL
1275+28 80' LT. HEADWALL
1275+28 89' LT. CULVERT
1275+29 64' LT. BOX CULVERT
1275+30 85' LT. UTIL. POLE
1275+36 73' LT. BOX CULVERT
1275+37 3' RT. UTIL. POLE
1275+37 75' LT. FENCE CORNER
1276+47 MARKER POLE
1275+99 ALL DUCT SPLICE

ROAD STATIONING

POINT ARENA ← | SONOMA COUNTY CALIFORNIA | → SACRAMENTO

#4 | #1 | #2 | #5 | #3

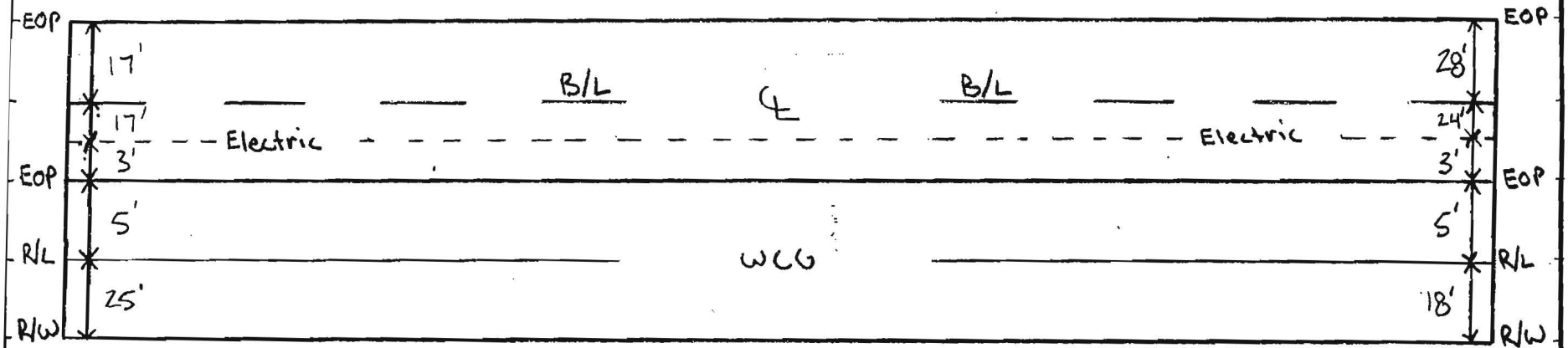
ASPHALT DRIVE
ASPHALT DRIVE
RIGHT-OF-WAY BY OCCUPATION
PETALUMA HILL ROAD
Centerline of pavement
BEGIN BORE
50' R/W
50' R/W
24'
CHESTER DRIVE
MATCH LINE SHT. 221-SPRD 4 1263+99
MATCH LINE SHT. 223-SPRD 4 1275+99
WILLIAMS FIBER ROUTE
RIGHT-OF-WAY BY OCCUPATION
EAST COTATI AVENUE
DIRECTIONAL BORE UNDER EAST COTATI AVENUE MIN 6' DEPTH
RIGHT-OF-WAY BY OCCUPATION
BEG TRENCH
END TRENCH
BEG TRENCH
END TRENCH
BEG TRENCH
END TRENCH

Williams Construction — As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-1-00
Page No. 1
Drawing #: Sacr-721-722-4

From: Point Arena ← N → To: Sacramento



1261+55 25'o/s 48" Beg Bore

1261+70 25'o/s 60" Bore

1262+30 25'o/s 104" Bore

1262+90 25'o/s 101" Bore

1263+50 27'o/s 100" Bore

1264+00 Match Line

1264+10 28'o/s 97" Bore

1264+70 28'o/s 99" Bore

1265+30 30'o/s 97" Bore

1265+90 30'o/s 85" Bore

1266+50 31'o/s 70" Bore

1266+65 32'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell (MGE)
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams

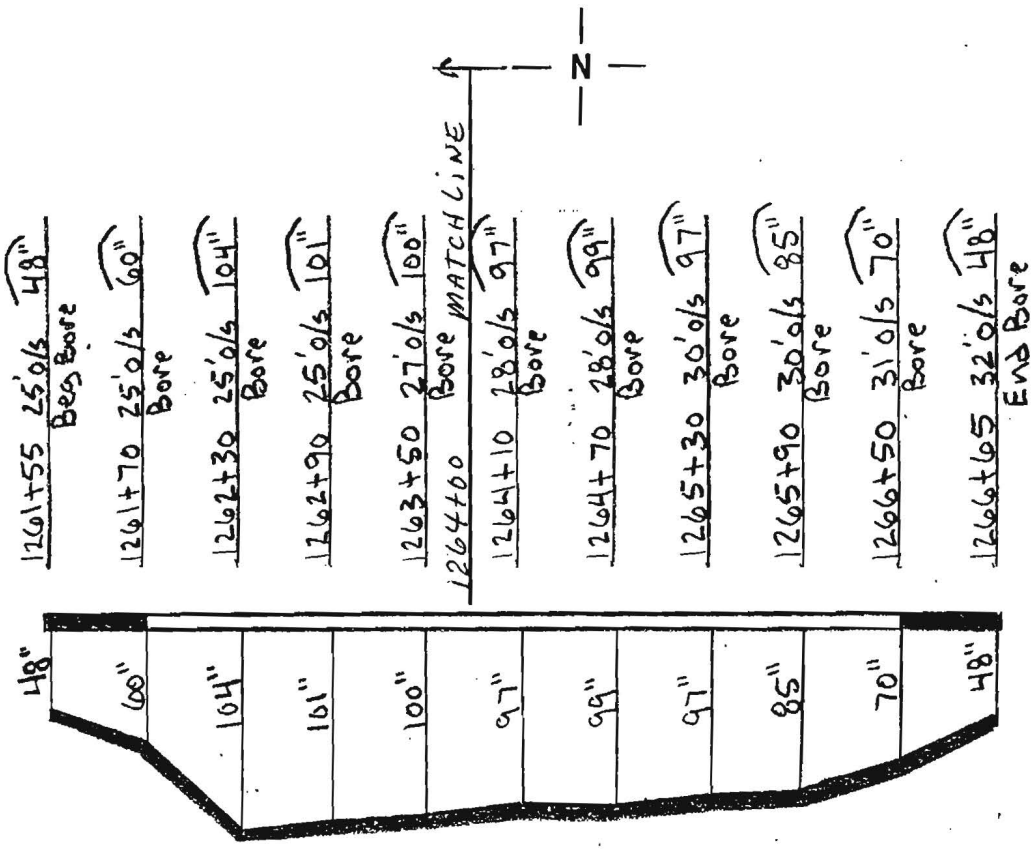
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-1
Page No. 2
Drawing #: Sacr-221-222-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 - 1 1/2 HDPE Orange, Blue 1 - 1 1/4 HDPE Black	Sonoma	Tidwell (MGE)
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams

Williams Construction As-Built Documentation

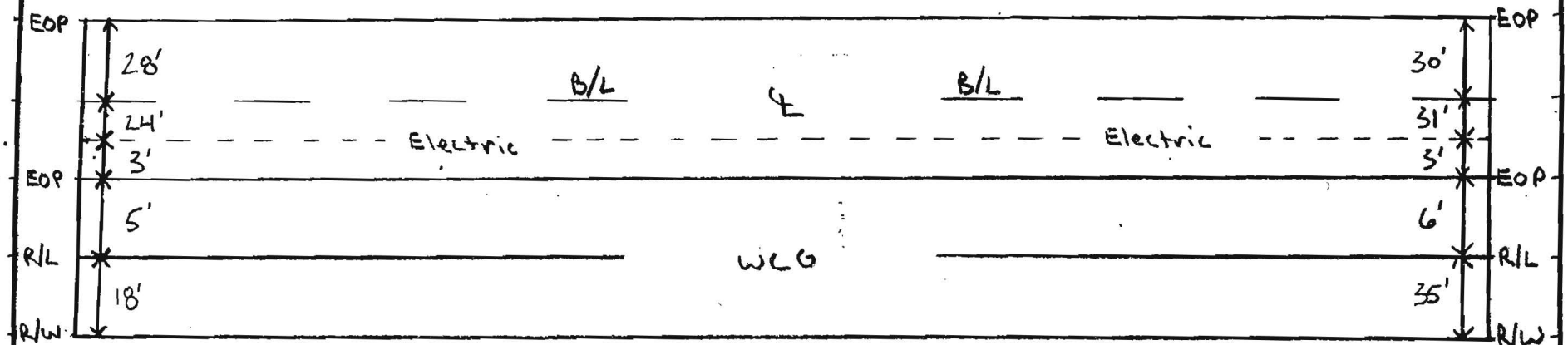
Spread Location: Santa Rosa
Spread No. South 48
AFE No. 4875
Contract No. 99P154.16

Date: 12-10
Page No. 1
Drawing #: Sacr-222-4

From: Point Arena

N

To: Sacramento



Petaluma Hill Rd.

1266+75 32' o/s 48" Beg Bore

1266+90 33' o/s 63" Bore

1267+50 33' o/s 106" Bore

1268+10 34' o/s 106" Bore

1268+70 36' o/s 75" Bore

1269+30 38' o/s 55" Bore

1269+90 35' o/s 62" Bore

1270+40 40' o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black		County: Sonoma	Contractor: Tidwell (MGE)
		Duct Configuration:	Inspector: Jeb Sincraugh

Williams

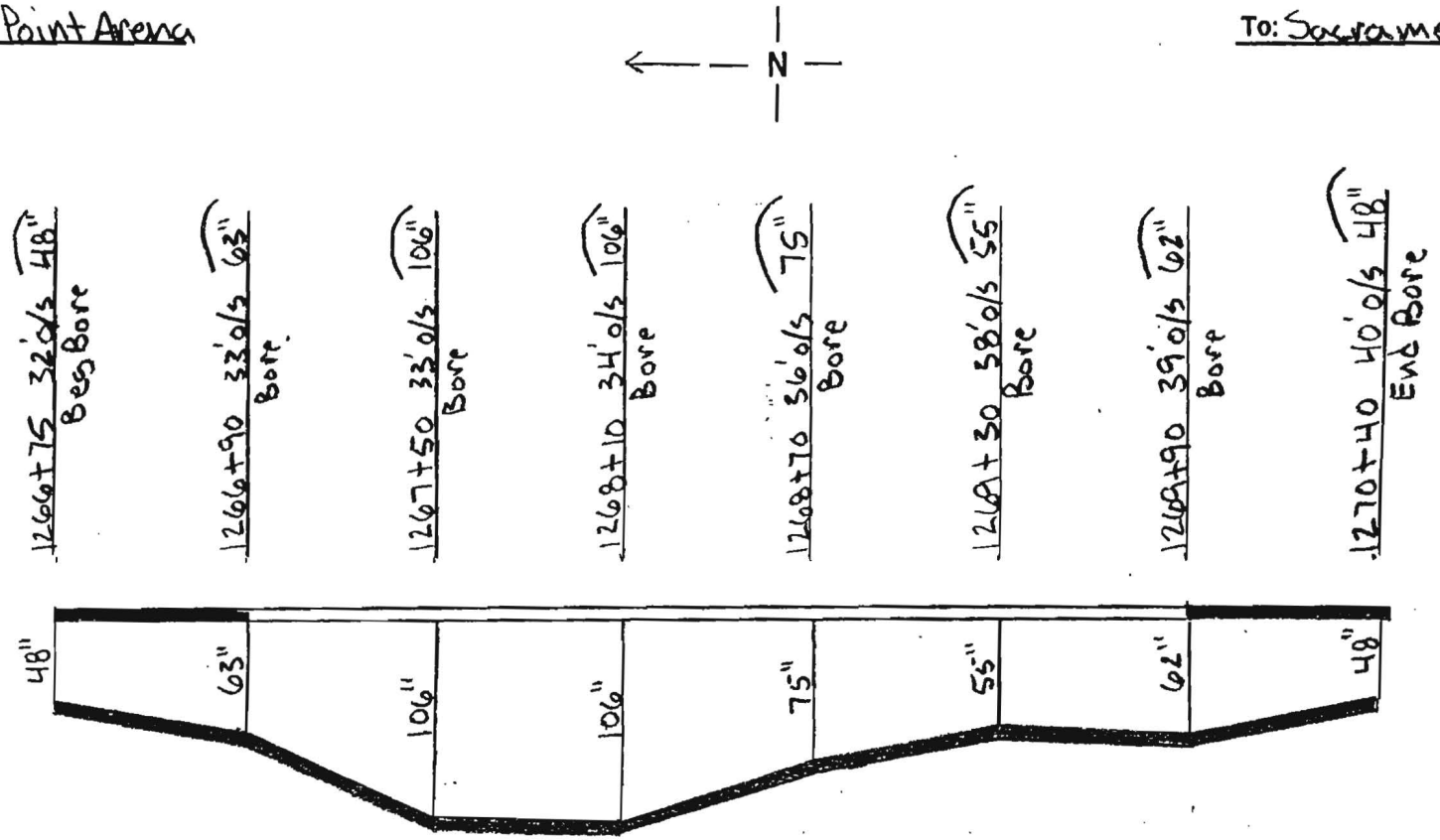
Williams Construc[illegible] As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-1[illegible]0
Page No. 2
Drawing #: Sacr-222-4

From: Point Arena

To: Sacramento



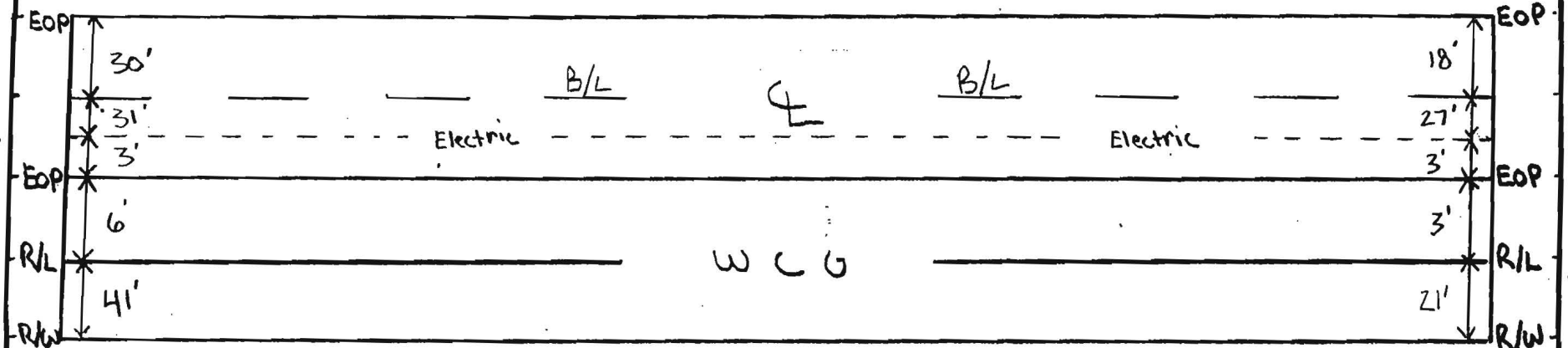
Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell (MGE)
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. SouthHB
AFE No. 4875
Contract No. 99P154.16

Date:
Page No. 1 of 2
Drawing #: SacV-222-4

From: Point Arena ← N → To: Sacramento



1270+50 40'o/s 48" Beg Bore

1271+10 39'o/s 96" Bore

1271+70 38'o/s 120" Bore

1272+30 37'o/s 115" Bore

1272+90 37'o/s 98" Bore

1273+50 37'o/s 110" Bore

1274+10 35'o/s 116" Bore

1274+70 34'o/s 117" Bore

1275+30 33'o/s 72" Bore

1275+55 33'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Contractor: Tidwell (MGE)

Duct Configuration:

Inspector: Jebs Ingraugh

Williams

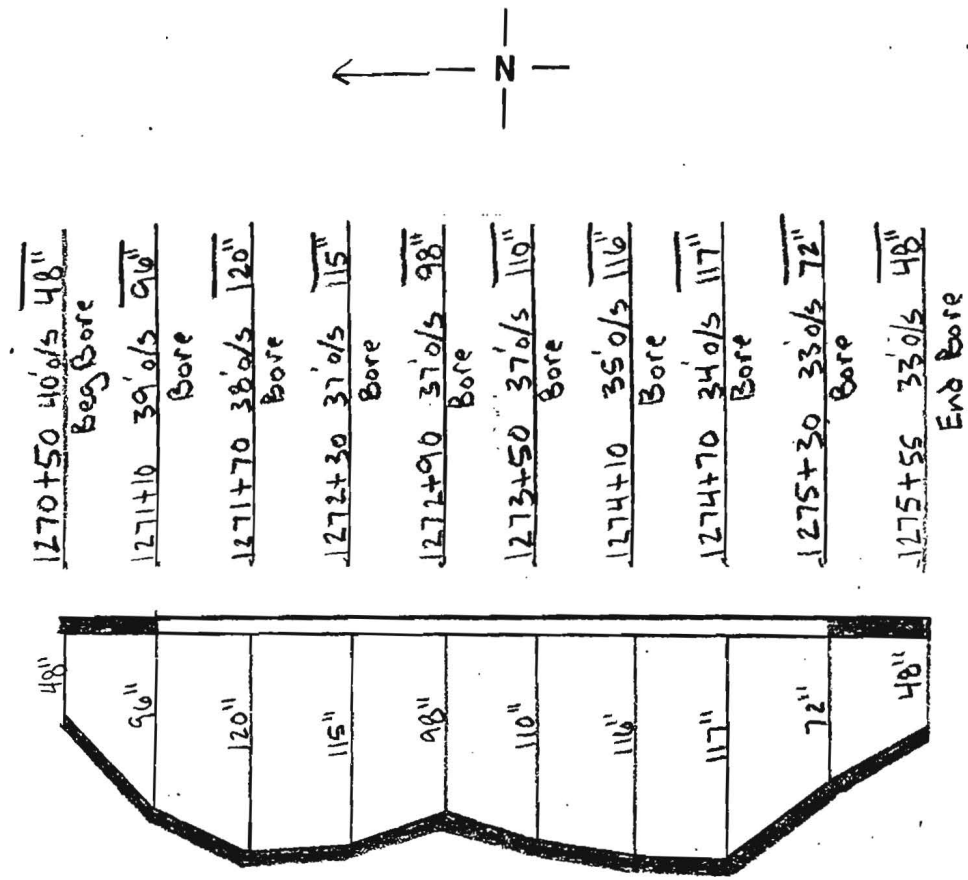
Williams Constru[illegible] As-Built Documentation

Spread Location: [illegible]anta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12
Page No. 2
Drawing #: Sacr-222-4

From: Point Arena

To: Sacramento



Notes:	2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	County: Sonoma	Contractor: Tidwell (MGE)
		Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construct[illegible] As-Built Documentation

Williams

Spread Location: _____

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: [illegible]

Page No. 1

Drawing #: SACR 222-223

From: POINT ARENA

To: SACRAMENTO

← N —

1275+70 27' ocs 48" Begin Bore

1275+89 MATCH LINE

1276+00 27' ocs 81" MATCHLINE

1276+30 27' ocs 101" Bore

1276+90 27' ocs 108" Bore

1277+50 26' ocs 110" Bore

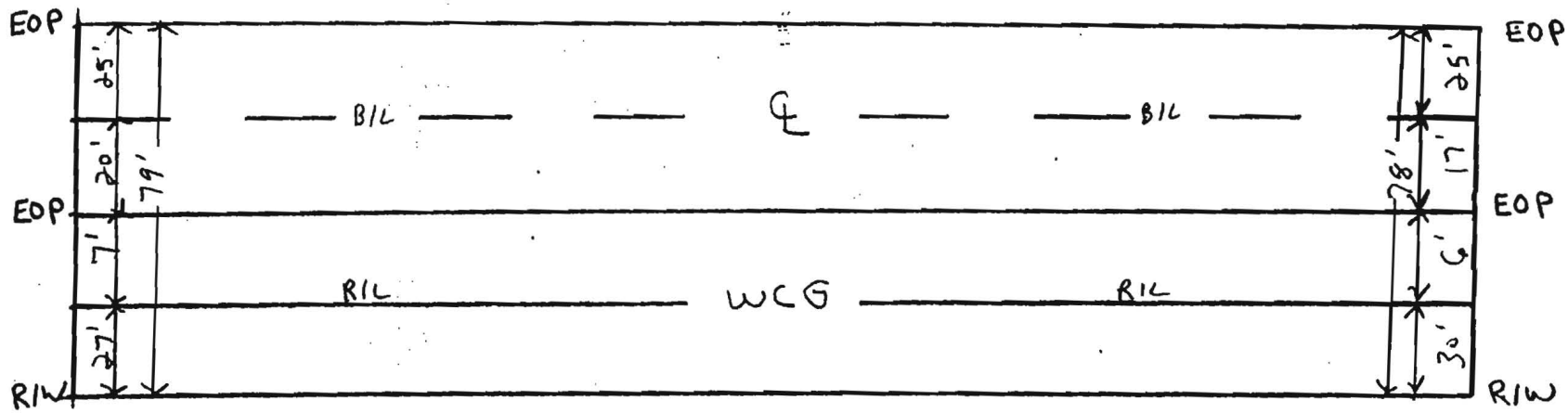
1278+10 26' ocs 120" Bore

1278+70 26' ocs 106" Bore

1279+30 24' ocs 94" Bore

1279+90 24' ocs 87" Bore

1280+40 23' ocs 48" End Bore



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell/PHOENIX
[illegible] HDPE Black	Duct Configuration:	Inspector: JR SMITS

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Page No. 2 of

Drawing #: SACR 222-223

From: POINT ARENA

To: SACRAMENTO

N

1275+70 27'o/s

1275+99 Begin Bore MATCH LINE

1276+00 27'o/s Bore

1276+30 27'o/s Bore

1276+90 27'o/s Bore

1277+50 26'o/s Bore

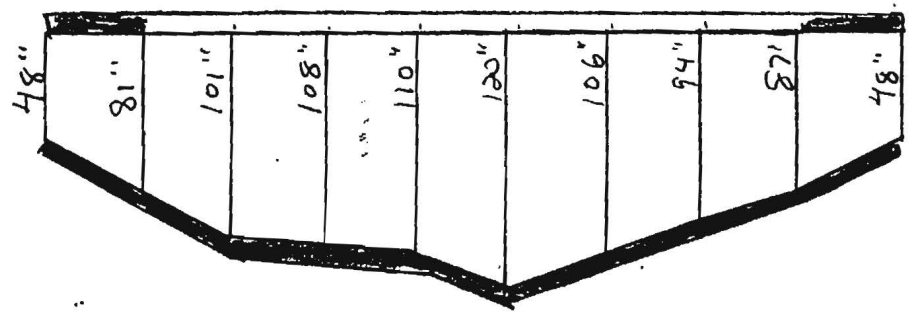
1278+10 26'o/s Bore

1278+70 26'o/s Bore

1279+30 24'o/s Bore

1279+90 24'o/s Bore

1280+40 23'o/s End Bore



Notes:

2 1½ HDPE Orange, Blue

1 1½ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell / PHOENIX

Inspector: JR SMITH

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1276+74 72' LT. FENCE CORNER
1276+89 4' RT. TELE. POLE
1277+85 FIBER MARKER
1278+28 67' LT. UTIL POLE
1278+31 66' LT. TRAFFIC SIG.
1278+42 70' LT. FENCE CORNER
1278+43 4' RT. TELE. POLE
1279+04 45' LT. TRAFFIC SIG.
1279+08 46' LT. TRAFFIC SIG.
1279+37 64' LT. UTIL POLE
1279+98 3' RT. TELE. POLE
1280+02 BOX
1280+40 PULL DUCT SPLICE
1280+45 64' LT. UTIL POLE
1281+50 PULL DUCT SPLICE
1281+55 TELE. POLE
1281+64 75' LT. CULVERT
1281+65 75' LT. HEADWALL
1281+65 77' LT. HEADWALL
1281+85 49' LT. CURTIS DRIVE
1281+96 75' LT. CULVERT
1282+21 2' RT. UTIL POLE
1282+33 45' LT. UTIL POLE
1282+46 8' RT. FENCE CORNER
1282+46 41' LT. CULVERT
1282+70 36' LT. DRIVEWAY
1283+35 2' RT. TELE. POLE
1283+67 FIBER MARKER
1283+89 37' LT. DRIVEWAY
1283+99 52' LT. FENCE CORNER
1284+04 1' LT. BOX
1284+11 7' RT. FENCE CORNER
1284+38 5' RT. FENCE CORNER
1284+62 44' LT. UTIL POLE
1284+85 2' RT. UTIL POLE
1285+06 6' RT. FENCE CORNER
1285+23 6' RT. FENCE CORNER
1285+79 46' LT. UTIL POLE
1285+79 46' LT. UTIL POLE
1285+83 BEGIN STEEL
1286+23 4' RT. TELE. POLE
1286+24 END STEEL
1286+50 PULL DUCT SPLICE
1286+63 7' RT. FENCE CORNER
1286+85 7' RT. FENCE CORNER
1286+87 45' LT. UTIL POLE
1287+49 5' RT. TELE. POLE
1287+59 7' RT. CULVERT
1287+59 7' RT. CULVERT
1287+61 5' RT. CULVERT
1287+82 5' RT. CULVERT
1287+82 6' RT. FENCE CORNER

#4 #1 #2 #5 #3

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

MATCH LINE
SHT. 222-SPRD 4 1275+99 1276+00

50' R/W
50'
R/W
PETALUMA HILL ROAD
Centerline of pavement
23'OS 48"
23'OS 48"
23'OS 48"
CURTIS DRIVE
ASPHALT DRIVE
ASPHALT DRIVE
RIGHT-OF-WAY BY OCCUPATION
24'OS 48"
24'OS 48"
43'
N
1277+00
1278+00
1279+00
1280+00
1281+00
1282+00
1283+00
1284+00
1285+00
1286+00
1287+00
1288+00
55'
3'
53'
RIGHT-OF-WAY BY OCCUPATION
BEG TRENCH
END TRENCH
BEG TRENCH
END TRENCH
WILLIAMS FIBER ROUTE
ASPHALT DRIVE
ASPHALT DRIVE
WEISS LANE
BEG TRENCH
END TRENCH
8'
ASPHALT DRIVE
8'
GRAVEL DRIVE
MATCH LINE
SHT. 224-SPRD 4 1288+00

1275+99 1276+00	27'OS 101"	27'OS 108"	26'OS 110"	26'OS 120"	26'OS 106"	24'OS 94"	24'OS 87"	23'OS 57"	24'OS 59"	24'OS 117"	24'OS 124"
	1276+30	1276+90	1277+50	1278+10	1278+70	1279+30	1279+90	1280+45 BEG. BORE	1280+60 END BORE	1281+20	1281+60
								1280+40 END BORE	1281+55 BEG BORE	1281+70	1282+30

	26'OS 126"	25'OS 123"	26'OS 127"	26'OS 103"	26'OS 72"	26'OS 72"	26'OS 71"	27'OS 93"	29'OS 101"		
	1282+90	1283+50	1284+10	1284+70	1285+30	1285+90	1286+45 BEG BORE	1286+70	1287+30	1287+90	1288+00
							1286+55 END BORE				

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH
REEL # N/A
N/A
1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)
1-1.625" BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

1275+99	1280+45	1280+40		1281+50	1281+55	1285+81	1286+25	1286+45	1286+55
1280+40	1281+50	1280+45		1281+55	1285+81	1286+25	1286+45	1286+55	1287+00
441'	105'	5'		5'	426'	44'	20'	10'	145'
2-1.5" HDPE 1-1.25" HDPE JR SMITH 12.14.00 PHOENIX	1.11 2-1.5" HDPE 1-1.25" HDPE 02.12.01 TIDWELL JEB SINSCRAUGH	TRENCH 2-1.5" HDPE 1-1.25" HDPE 2-12-01 JEB SINSCRAUGH TIDWELL	6STA TRACERWIRE JEB SINSCRAUGH 6-15-01 IN BLACK 1.25" HDPE	TRENCH 2-1.5" HDPE 1-1.25" HDPE 1-4-01 JEB SINSCRAUGH	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINSCRAUGH JAN 4_01 TIDWELL	1.11 & 3.21 2-1.5" HDPE 1-1.25" HDPE JEB SINSCRAUGH JAN 4_01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINSCRAUGH JAN 4_01 TIDWELL	TRENCH 2-1.5" HDPE 1-1.25" HDPE JEB SINSCRAUGH 1-5-01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINSCRAUGH 1-5_01 TIDWELL

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- Wire Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line end/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS
EMERGENCY NOTIFICATION NUMBER
1-800-582-9069

CAUTION
WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-223-SPRD 4

Williams Construc[illegible] As-Built Documentation

Williams

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 12-1[illegible]

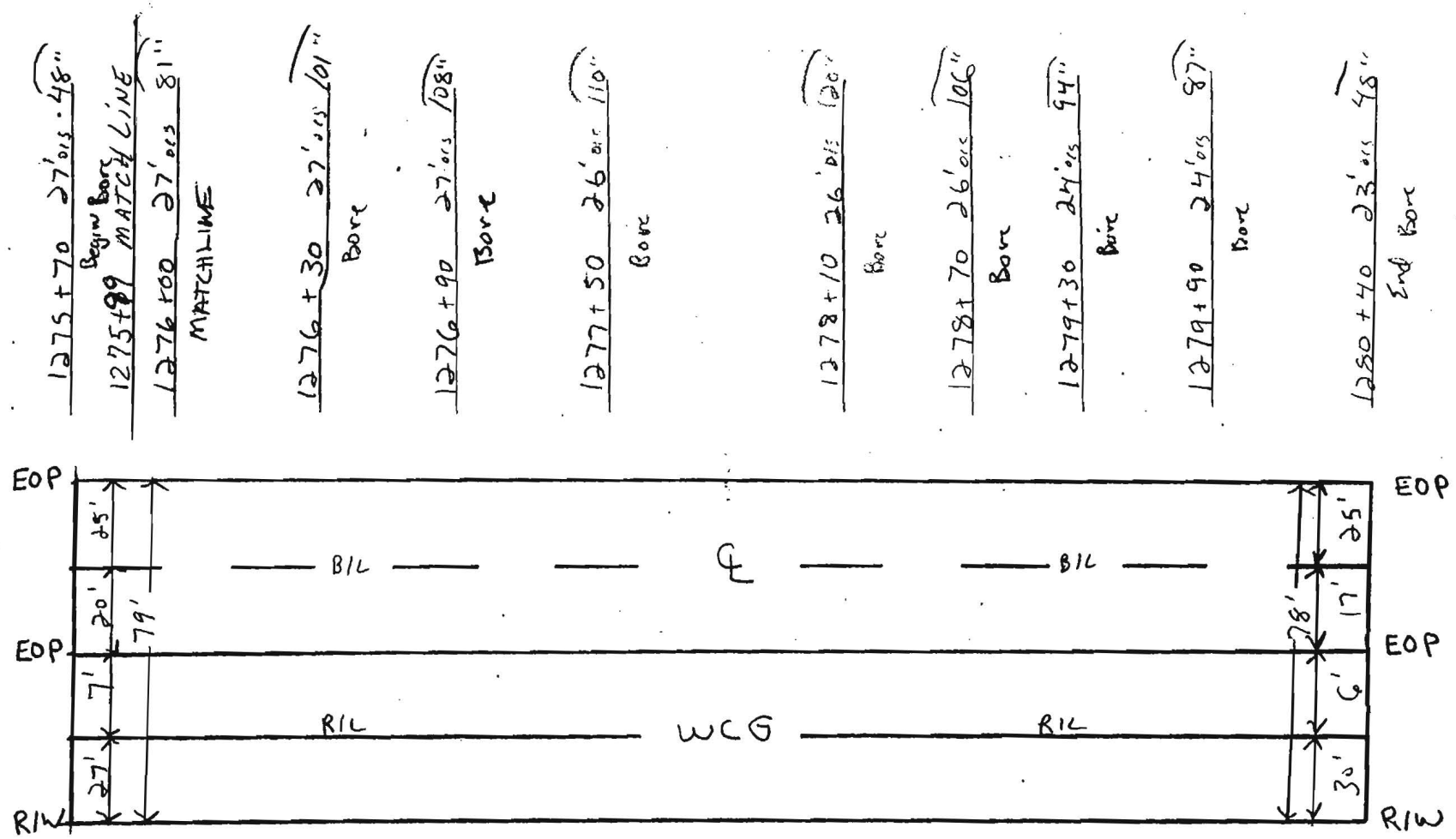
Page No. 1

Drawing #: SACR 222-223

From: POINT ARENA

To: SACRAMENTO

← N —



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell/PHOENIX
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMITS

Williams Constructi[illegible]s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

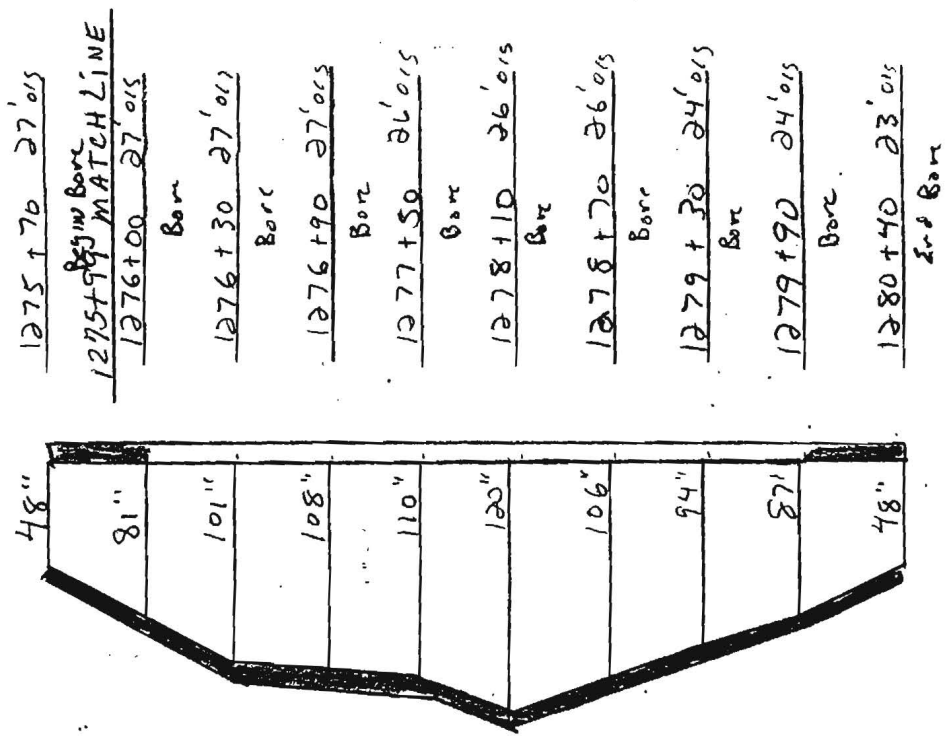
Page No. 2 of [illegible]

Drawing #: SACR 222.223

From: POINT ARENA

To: SACRAMENTO

← N —



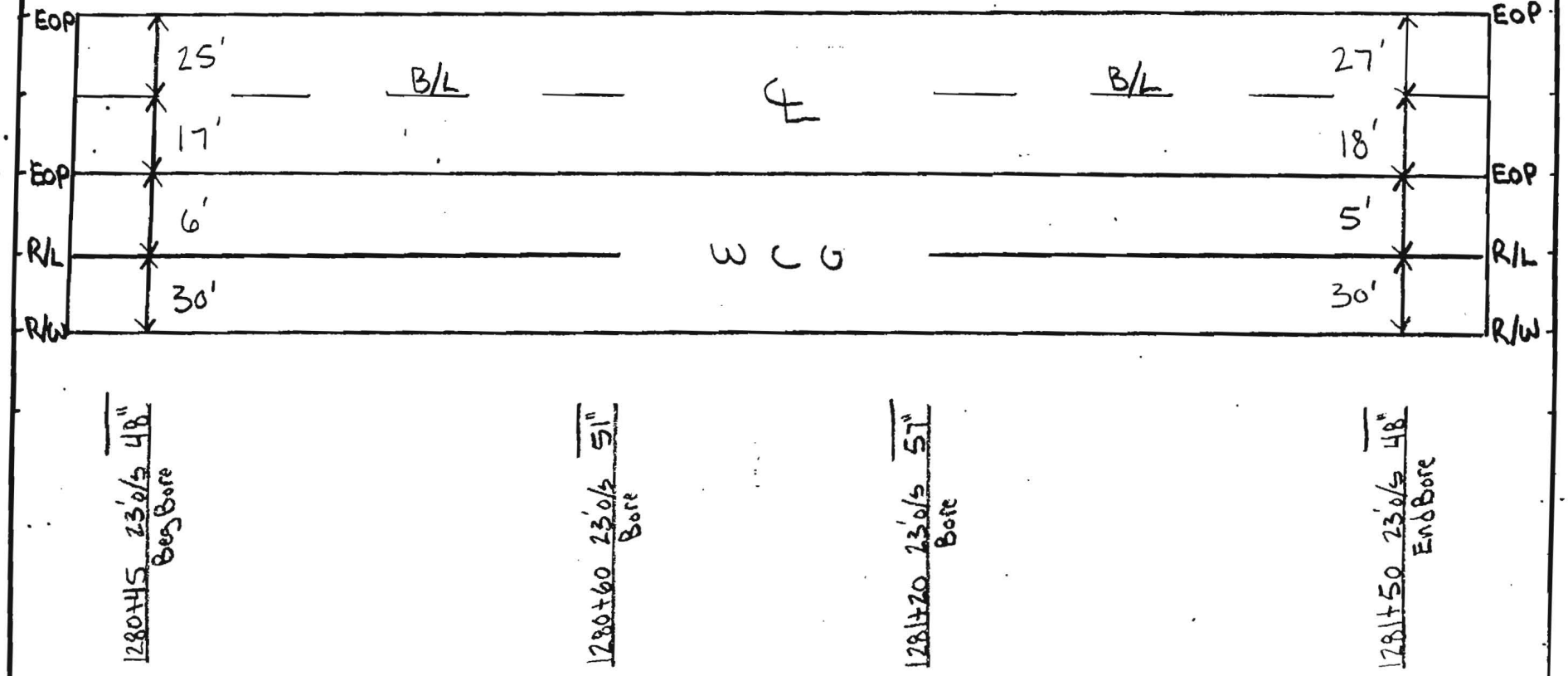
Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell / PHOENIX
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMHS

Williams Construc As-Built Documentation

Spread Location: nta Rosa
Spread No. SouthHB
AFE No. 4875
Contract No. 99P154.16

Date: 2-14
Page No. 1
Drawing #: Sacr-223-4

From: Point Arena ← N → To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma
Duct Configuration:
Contractor: Tidwell
Inspector: JebSinclough

Williams

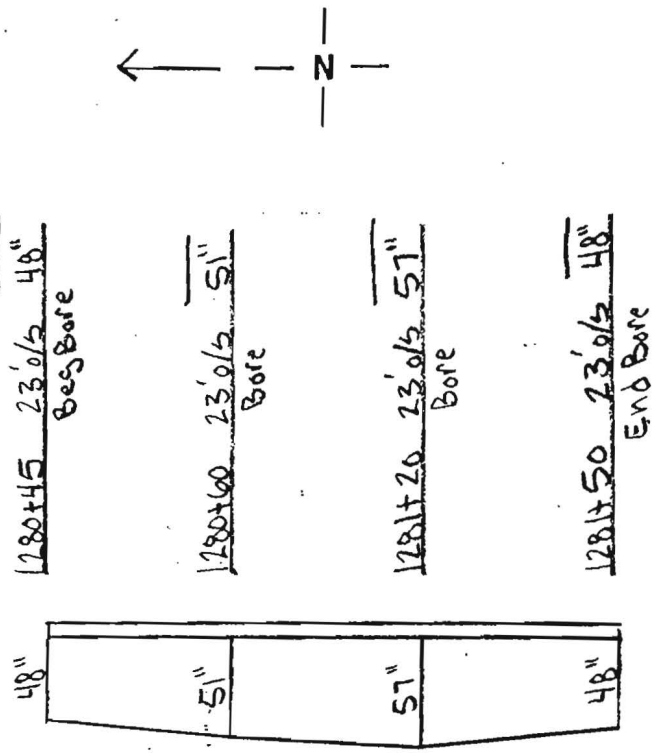
Williams Construc[illegible] As-Built Documentation

Spread Location, [illegible]nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154016

Date: 2 - [illegible]
Page No. 2
Drawing #: Sacr-223-4

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jebs Sincraugh

Williams

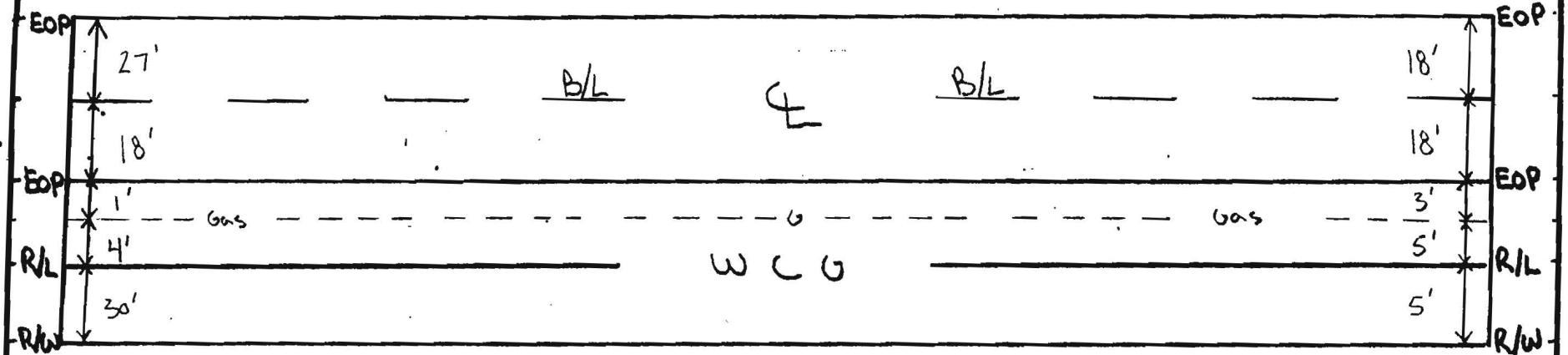
Williams Construct[illegible] As-Built Documentation

Spread Locatio... ata Rosa
Spread no. South 4B
AFE No. 4875
Contract No. 99P154.16

Page No. 1
Drawing #: Sacr-223-4

From: Point Arena

To: Sacramento



1281+55 230/s 48" Beg Bore

1281+70 240/s 59" Bore

1282+30 240/s 117" Bore

1282+90 260/s 124" Bore

1283+50 260/s 125" Bore

1284+10 250/s 123" Bore

1284+70 260/s 127" Bore

1285+30 260/s 103" Bore

1285+90 260/s 72" Bore

1286+45 260/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

Williams Constr[illegible]n As-Built Documentation

Spread Locati[illegible] Santa Rosa

Spread No.

AFE No. 4875

Contract No. 99P154.16

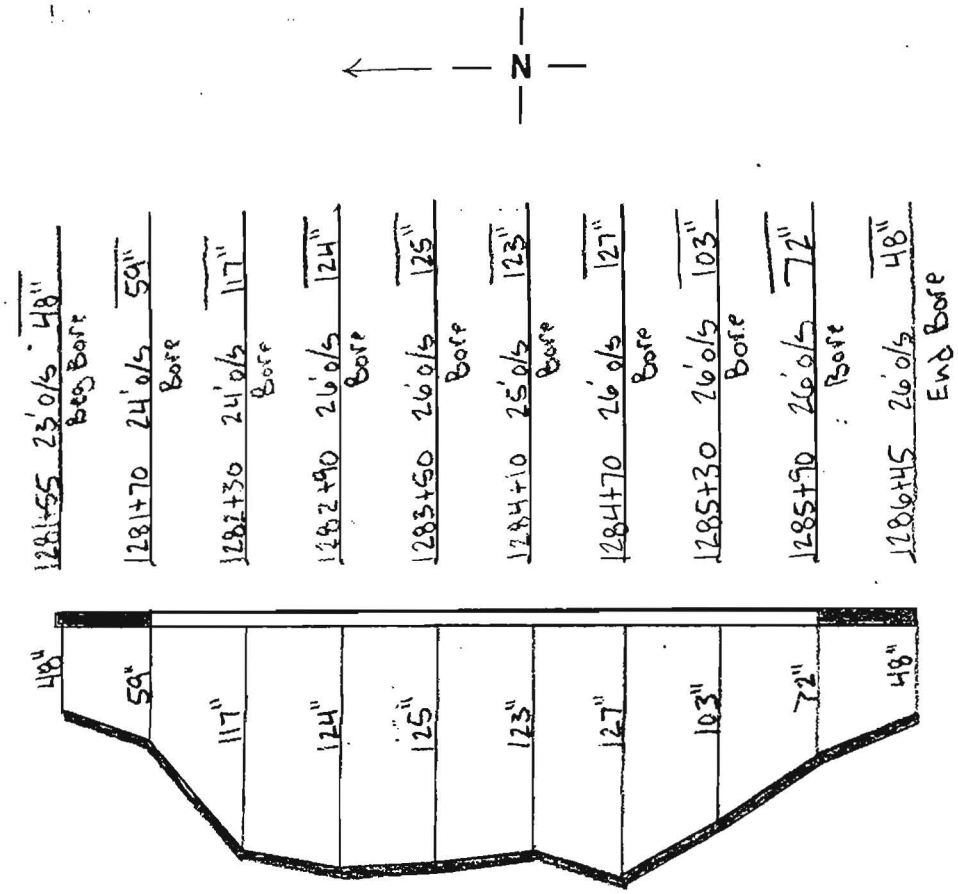
Date: 1-[illegible]

Page No. 2 [illegible] 2

Drawing #: Sacr-223-4

From: Point Arena

To: Sacramento



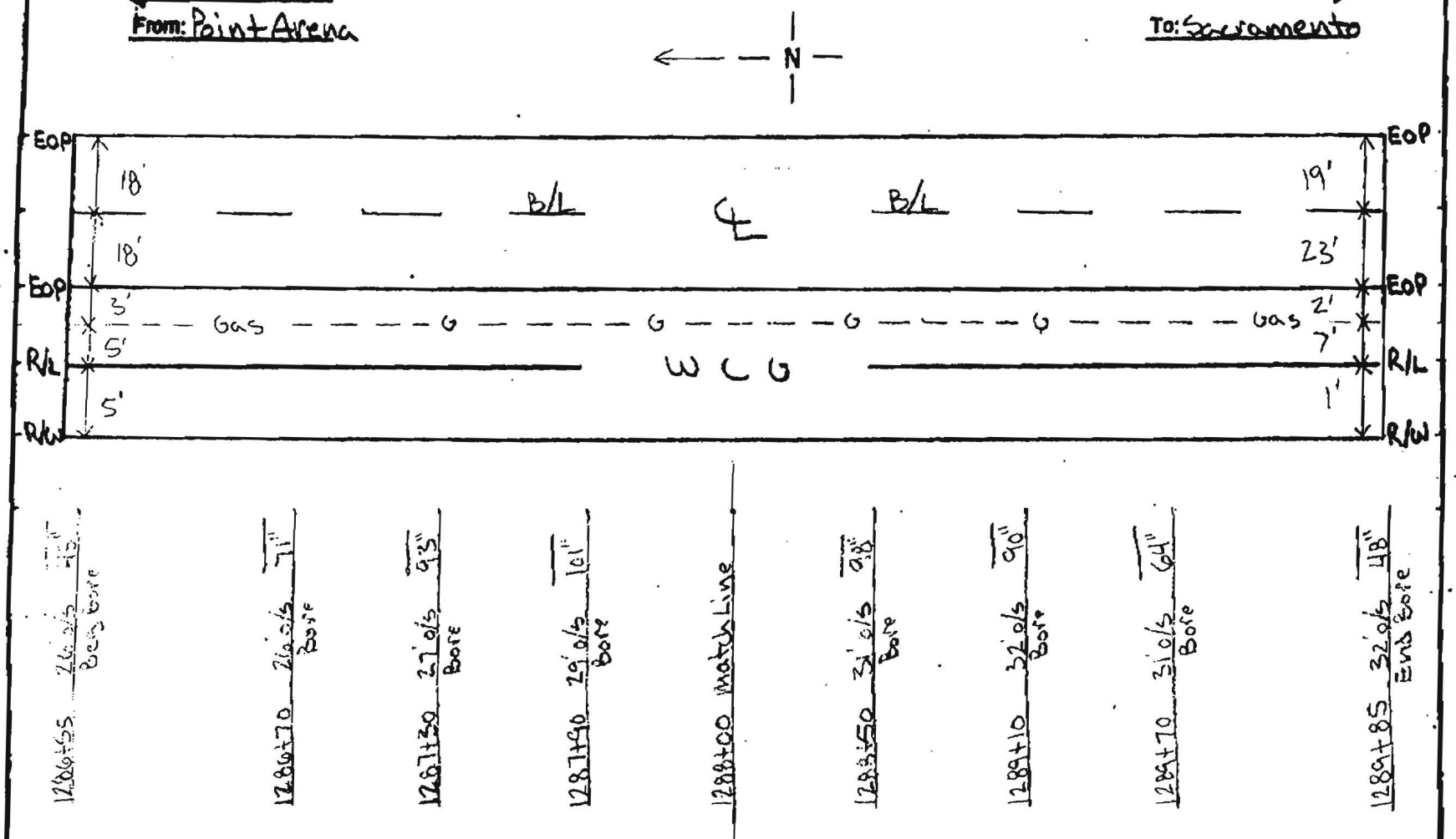
Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Page No. 1 of 2
Drawing #: Sacr-223,224-4

From: Point Arena
To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No.
AFE No. 4875
Contract No.

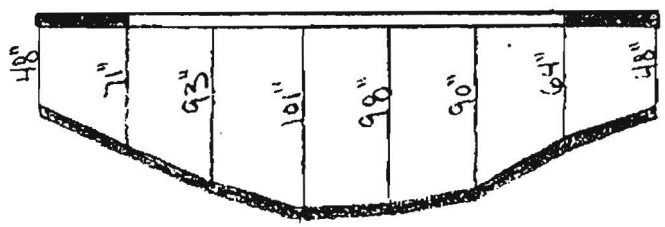
Date: 1-5-01
Page No. 2 of 2
Drawing #: Sacs-223,224-4

From: Point Arena

To: Sacramento

N

1286+55	26'0/s	48" Beg Bore
1286+70	26'0/s	71" Bore
1287+30	27'0/s	93" Bore
1287+90	25'0/s	101" Bore
1288+50	31'0/s	98" Bore
1289+10	32'0/s	90" Bore
1289+70	31'0/s	64" Bore
1289+85	32'0/s	48" End Bore



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black		County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: Jeb Sincraugh

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1288+03 9' LT. HUX
1288+04 1' LT. BOX
1288+53 42' LT. HANDHOLE
1289+08 3' RT. CULVERT
1289+08 5' RT. UTIL. POLE
1289+11 45' LT. UTIL. POLE
1289+70 7' RT. FENCE CORNER
1289+90 ALL DUCT SPLICE
1290+54 4' RT. TELE. POLE
1291+17 55' LT. POWER POLE
1291+18 47' LT. TELE. POLE
1291+85 FIBER MARKER
1291+97 4' RT. TELE. POLE
1292+04 1' LT. BOX
1293+03 BEGIN STEEL
1293+07 14' RT. POWER POLE
1293+08 2' RT. TELE. POLE
1293+10 58' LT. POWER POLE
1293+50 END STEEL
1293+58 68' RT. FENCE CORNER
1293+83 6' RT. FENCE CORNER
1294+78 3' RT. TELE. POLE
1294+80 ALL DUCT SPLICE
1295+73 60' LT. POWER POLE
1295+76 8' RT. FENCE CORNER
1295+94 1' LT. BOX
1296+06 8' RT. FENCE CORNER
1296+08 2' RT. TELE. POLE
1297+59 63' LT. BOX POLE
1297+76 53' LT. CULVERT
1297+77 57' LT. CULVERT
1298+18 80' LT. ROBERTS ROAD
1298+40 TELE. POLE
1298+55 56' LT. CULVERT
1298+56 54' LT. CULVERT
1298+61 78' LT. TELEPHONE LINE
1298+95 58' LT. UTIL. POLE
1299+07 86' LT. UTIL. POLE
1299+10 82' LT. FENCE CORNER
1299+24 TELE. POLE
1299+85 ALL DUCT SPLICE
1299+99 HANDHOLE
25'0IX 34"
1299+99 FIBER MARKER

#1 #5 #2 #3 #4 #6

ROAD STATIONING

POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO

MATCH LINE
SHT. 223–SPRD 4 1288+00

MATCH LINE
SHT. 225–SPRD 4 1300+00

32'0IS 48"
28'0IS 48"
23'0IS 48"
25'0IS 48"

54'

RIGHT–OF–WAY BY OCCUPATION

WOODED AREA

PETALUMA HILL ROAD

Centerline of pavement

WOODED AREA

ROBERTS ROAD

56'

1288+00 1289+00 1290+00 1291+00 1292+00 1293+00 1294+00 1295+00 1296+00 1297+00 1298+00 1299+00

ASPHALT DRIVE

BEG TRENCH
END TRENCH

WILLIAMS FIBER ROUTE

WILLIAMS DRIVE

TRAFFIC SIGNAL WIRES

3'

RIGHT–OF–WAY BY OCCUPATION

BEG TRENCH
END TRENCH

CONCRETE DRIVE

TRAFFIC SIGNAL WIRES

DIRECTIONAL BORE
UNDER ROBERTS ROAD
MIN. 6' DEPTH

5'

34'

END BORE

BEG TRENCH
END TRENCH

1288+00	31'0IS 98"	1288+42
1288+42	32'0IS 90"	1289+10
1289+10	31'0IS 64"	1289+70
1289+70	FLD BORE	1289+89
1289+89	BEG TRENCH	1290+70
1290+70	END TRENCH	1290+80
1290+80	28'0IS 86"	1291+40
1291+40	28'0IS 125"	1292+00
1292+00	27'0IS 130"	1292+40
1292+40	26'0IS 95"	1293+00
1293+00	26'0IS 114"	1293+20
1293+20	26'0IS 85"	1293+80
1293+80	24'0IS 79"	1294+40
1294+40	FLD BORE	1294+70
1294+70	BEG TRENCH	1294+85
1294+85	23'0IS 97"	1295+00
1295+00	23'0IS 107"	1295+40
1295+40	24'0IS 98"	1296+20
1296+20	25'0IS 97"	1296+80
1296+80	25'0IS 97"	1297+40
1297+40	25'0IS 97"	1298+00
1298+00	24'0IS 94"	1298+40
1298+40	25'0IS 69"	1298+70
1298+70	FLD BORE	1299+80
1299+80	BEG TRENCH	1299+90
1299+90	1300+00	

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1–1.5" ID HDPE, 1–1.5" ID HDPE (SPARE), 1–1.25" ID HDPE (SPARE)

1–1.25" BLACK, 1–1.5" HDPE BLUE, 1–1.5" HDPE ORANGE

1288+00	1289+85	1290+20	1290+80	1293+00	1293+50	1294+70	1294+85	1294+85	1299+80	1299+90
1289+85	1290+20	1293+80	1293+50	1294+70	1294+85			1299+80	1299+90	1300+00
185'	35'	280'	50'	120'	15'			495'	10'	16'
1.11	TRENCH	1.11	1.11 @3.21	1.11	TRENCH			1.11 @3.21	TRENCH	1.11
2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE			2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE
1-1.25" HDPE	1-1.5" HDPE	1-1.75" HDPE	1-1.75" HDPE	1-1.75" HDPE	1-1.25" HDPE			1-1.75" HDPE	1.1.25 HDPE	1-1.25" HDPE
JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH			JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH
1-5-01	1-5-01	17-20-00	17-20-00	17-20-00	12-20-00			12-14-00	12-15-00	12-15-00
TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELLS			CROSS COUNTRY	TIDWELL	CROSS-COUNTRY
						6GA TRACER WIRE				
						JEB SINCRAUGH				
						6-15-01				
						IN BLACK 1.25" HDPE				

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
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- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1–800–582–9069

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2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE–2	FUTURE UNIT PLACE
FUTURE–3	
FUTURE–4	

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	

DRAWING NUMBER : SACR–224–SPRD 4

Williams

Williams Constr[illegible] As-Built Documentation

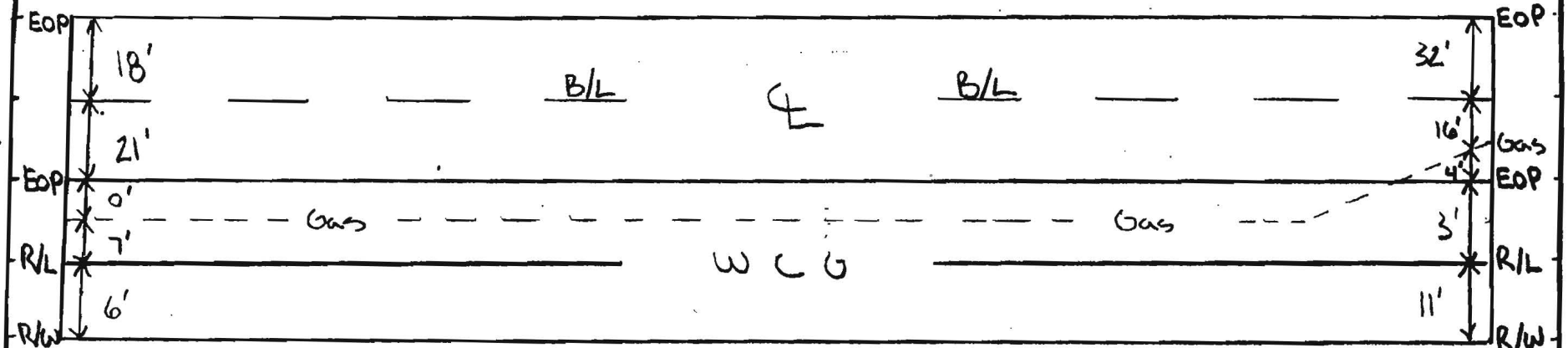
Spread Location: Santa Rosa
Spread No. SouthHB
AFE No. 4875
Contract No. 99P154.16

Date: 12-
Page No. 1
Drawing #: SoLr-224-4

From: Point Arena

N

To: Sacramento



1290+20 28'o/s 48" Beg Bore

1290+80 28'o/s 84" Bore

1291+40 28'o/s 125" Bore

1292+00 27'o/s 130" Bore

1292+60 26'o/s 95" Bore

1293+20 26'o/s 114" Bore

1293+80 26'o/s 85" Bore

1294+40 24'o/s 79" Bore

1294+76 23'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jebsimcraugh

Williams

Williams Construc As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 12 A
Page No. 2
Drawing #: Sacr-224-4

From: Point Arena

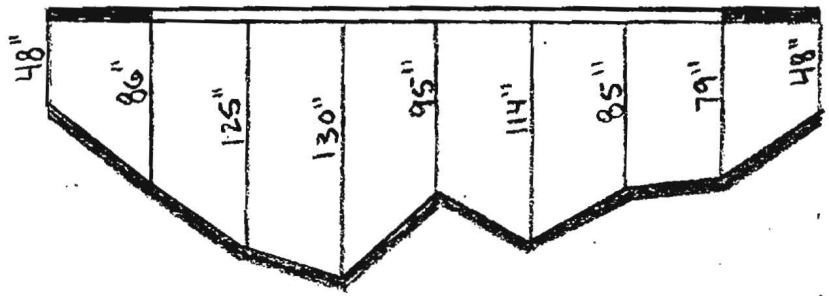
N

To: Sacramento

1290+20	28'o/s	48"	1290+80	28'o/s	86"	1291+40	28'o/s	125"
Beg Bore			Bore			Bore		

1292+00	27'o/s	130"	1292+60	26'o/s	95"	1293+20	26'o/s	114"
Bore			Bore			Bore		

1293+80	26'o/s	85"	1294+40	24'o/s	79"	1294+70	23'o/s	48"
Bore			Bore			End Bore		



Notes: 2-1½ HDPE Orange, Blue 1-¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sinraugh

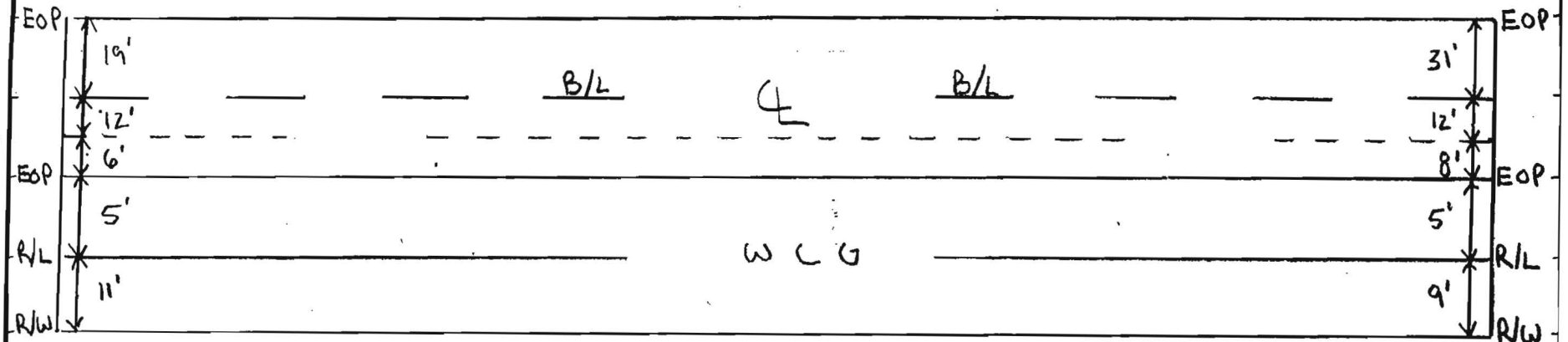
Williams

Williams Construc As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-00
Page No. 1
Drawing #: Sacr-22H-4

From: Point Arena ← N → To: Sacramento



1294+85 23'o/s 48" Beg Bore
1295+00 23'o/s 71" Bore
1295+60 23'o/s 107" Bore
1296+20 24'o/s 98" Bore
1296+80 25'o/s 97" Bore
1297+40 25'o/s 97" Bore
1298+00 25'o/s 97" Bore
1298+60 24'o/s 94" Bore
1299+20 25'o/s 69" Bore
1299+80 25'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell (Cross Country)
	Duct Configuration:	Inspector: Seb Sincraugh

Williams

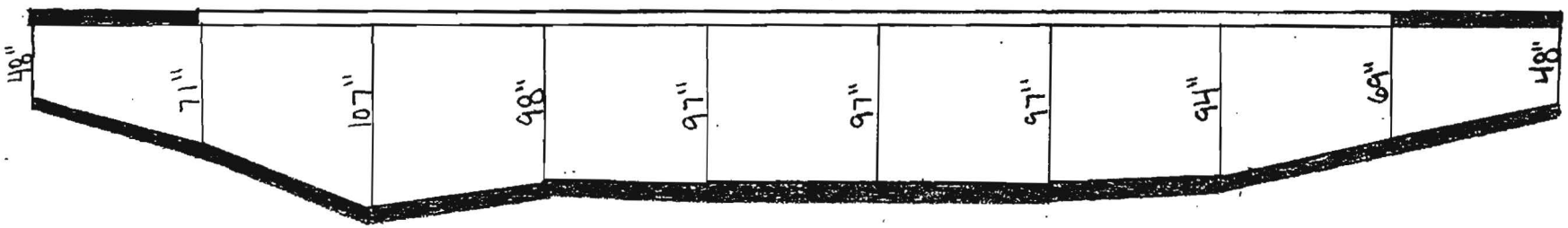
Williams Construction — As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-[illegible]-20
Page No. 2
Drawing #: Socr-224-4

From: Point Arena ← N → To: Sacramento

1294+85	1295+00	1295+60	1296+20	1296+80	1297+40	1298+00	1298+60	1299+20	1299+80
23'o/s	23'o/s	23'o/s	24'o/s	25'o/s	25'o/s	25'o/s	24'o/s	25'o/s	25'o/s
48"	71"	107"	98"	97"	97"	97"	94"	69"	48"
Bes Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	End Bore



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (Cross Country)

Inspector: Jeb Sincraugh

Williams Construction As-Built Documentation

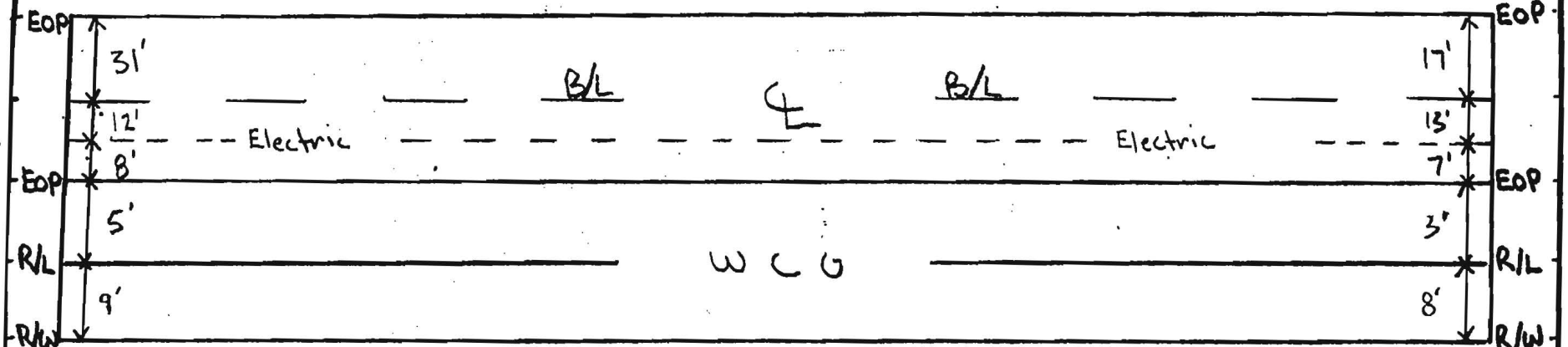
Spread Location: Santa Rosa
Spread No. SouthHB
AFE No. 4875
Contract No. 99.P154.16

Date:
Page No. 1 of 2
Drawing #: SALT-224, 225-4

From: Point Arena

N

To: Sacramento



1299+90 25'o/s 48" Beg Bore

1300+00 Match Line Bore

1300+50 25'o/s 62" Bore

1301+10 25'o/s 90" Bore

1301+70 24'o/s 78" Bore

1302+30 24'o/s 83" Bore

1302+90 24'o/s 93" Bore

1303+50 23'o/s 81" Bore

1304+10 22'o/s 57" Bore

1304+50 22'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (Cross Country)

Inspector: Jeb Sivcraugh

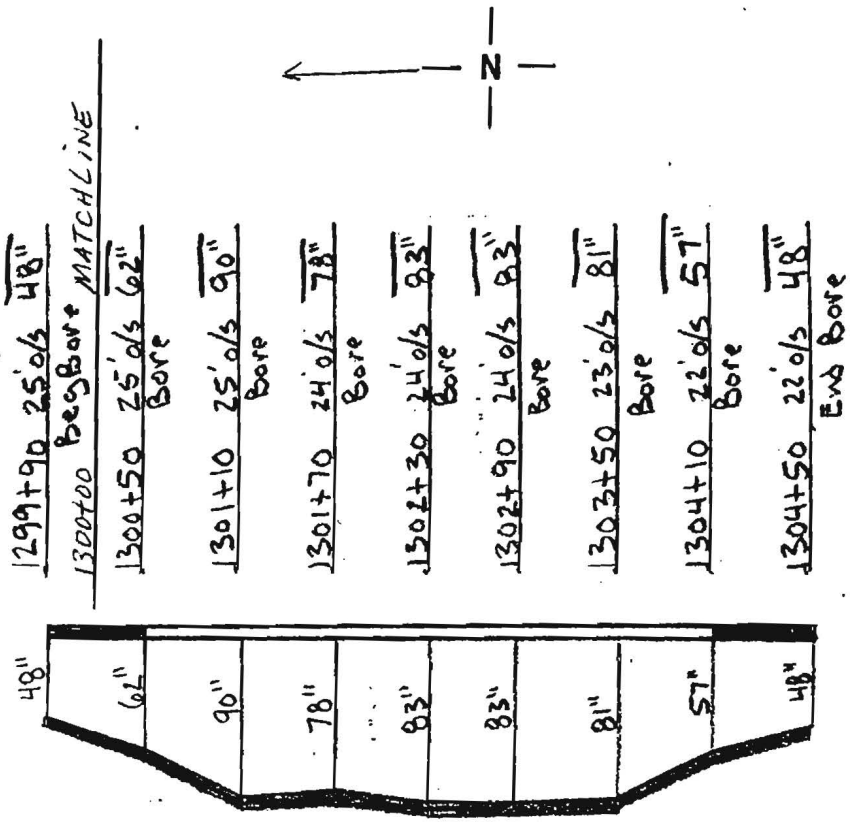
Williams Construc As-Built Documentation

Spread Location: ...ntaRosa
Spread No. South48
AFE No. 4875
Contract No. 99P154.16

Date:
Page No. 2
Drawing #: Sacr-224, 225-4

From: Point Arena

To: Sacramento



Notes: 2-1½ HDPE Orange, Blue
1-¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (Cross Country)

Inspector: Jeb Sinnaugh

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1300+32 11' RT. FENCE CORNER
1300+34 BEGIN STEEL
1300+52 76' LT. UTIL. POLE

1300+90 END STEEL
1301+05 5' RT. TELE. POLE

1301+37 73' LT. FENCE CORNER

1301+73 4' RT. TELE. POLE
1301+87 1' LT. BOX

1303+04 47' LT. FENCE CORNER
1303+13 5' RT. TELE. POLE
1303+15 46' LT. UTIL. POLE

1304+55 ALIQUOT SPLICE

1304+78 45' LT. CULVERT

1304+98 39' LT. DRIVEWAY

1305+12 45' LT. CULVERT
1305+14 1' RT. CULVERT
1305+15 BEGIN STEEL
1305+25 END STEEL

1305+77 46' LT. UTIL. POLE
1305+87 3' RT. LT. BOX
1305+98 CULVERT

1306+26 CULVERT

1306+52 CULVERT

1306+83 CULVERT

1307+20 3' RT. TELE. POLE

1307+66 1' RT. CULVERT
1307+72 BEGIN STEEL

1307+93 END STEEL
1307+96 1' RT. CULVERT

1308+24 1' RT. CULVERT

1308+43 46' LT. UTIL. POLE
1308+53 CULVERT
1308+54 3' RT. TELE. POLE

1308+75 FIBER MARKER

1308+95 ALIQUOT SPLICE

1308+86 3' RT. TELE. POLE
1308+88 4' LT. BOX

1311+41 2' RT. UTIL. POLE
1311+41 45' LT. UTIL. POLE
1311+52 CULVERT
1311+60 BEGIN STEEL
1311+70 GAS LINE
1311+80 END STEEL

#1 #3 #2

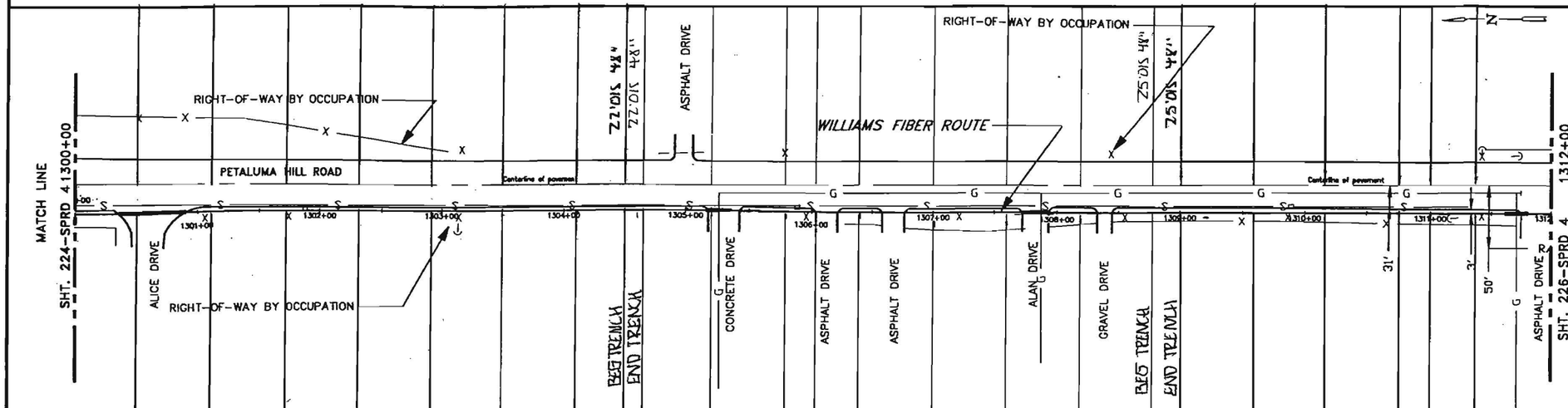
ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

#1 #3 #2



1300+00	1300+50	1301+10	1301+70	1302+30	1302+90	1303+50	1304+10	1304+50	1304+60	1305+20	1305+80	1306+40	1307+00	1307+60	1308+20	1308+80	1309+00	1309+60	1310+20	1311+00	1311+40	1312+00
	25'DIS 62"	25'DIS 90"	24'DIS 78"	24'DIS 83"	24'DIS 83"	23'DIS 81"	22'DIS 57"	BEG BORE	END BORE	23'DIS 72"	23'DIS 100"	24'DIS 118"	22'DIS 109"	22'DIS 105"	23'DIS 112"	BEG BORE	END BORE	25'DIS 60"	25'DIS 60"	25'DIS 65"	25'DIS 68"	25'DIS 75"	24'DIS 53"

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

1300+00	1300+37	1300+87	1304+50	1304+60	1305+12	1305+31	1307+68	1307+87	1308+90	1309+00	1311+62	1311+81	1312+00
	37'	50'	36.3'	10'	57'	19'	237'	19'	103'	10'	262'	19'	19'
	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.15.00 CROSS COUNTRY	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.15.00 CROSS COUNTRY	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.15.00 CROSS COUNTRY	TRENCH 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH TIDWELL 16GA TRACER WIRE JEB SINCRAUGH 6-15-01 IN BLACK 1.25" HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.14.00 TIDWELL	1.11 3.21 2-1.5" HDPE 1-1.25" HDPE J.SINCRAUGH 12.14.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB 12.14.00 TIDWELL	3.21 1.11 2-1.5" HDPE 1-1.25" HDPE SINCRAUGH 12.14.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.14.00 TIDWELL	TRENCH 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12-15-00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.15.00 MGE	3.21 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.15.00 MGE	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.15.00 MGE

...ed under cross culverts.
...ill be bored.
the fill slope of the road section.
begin bore and end bore will be
existin utilities as located by
...o.
...nt will be bored unless other
...d by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- OB Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- ES Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- OB Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION

- CABLE FIBER COUNT MFG. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT

- INNERDUCT & TYPE (CORR/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE UNIT PLACE

- FUTURE-2
- FUTURE-3
- FUTURE-4

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-225-SPRD 4

Williams Construction As-Built Documentation

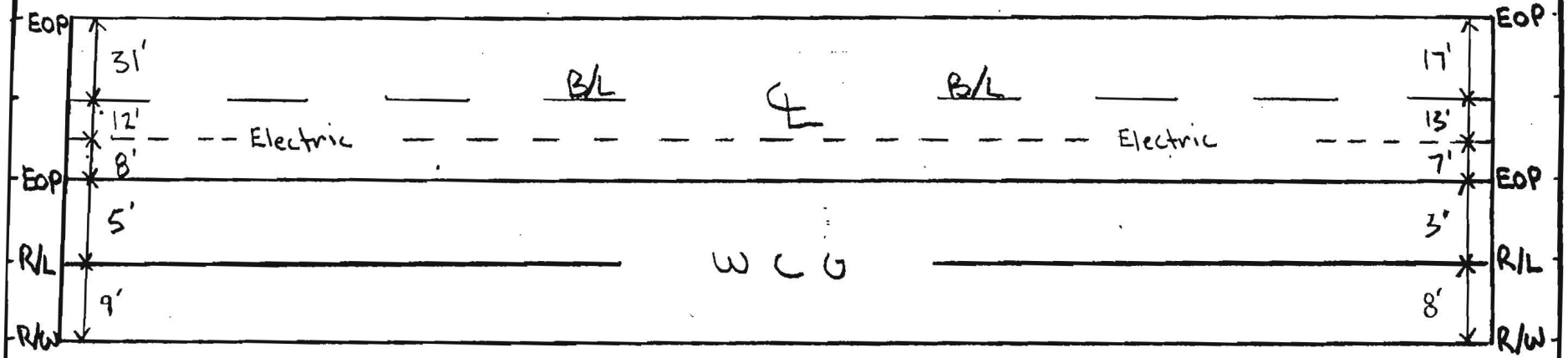
Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date:
Page No. 1 of 2
Drawing #: Sacr-224, 225-4

From: Point Arena

N

To: Sacramento



1299+90 25'o/s 48" Beg Bore

1300+00 Match Line Bore

1300+50 25'o/s 62" Bore

1301+10 25'o/s 90" Bore

1301+70 24'o/s 78" Bore

1302+30 24'o/s 83" Bore

1302+90 24'o/s 83" Bore

1303+50 23'o/s 81" Bore

1304+10 22'o/s 57" Bore

1304+50 22'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (Cross Country)

Inspector: Jebs Sincraugh

Williams Construc[illegible] As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

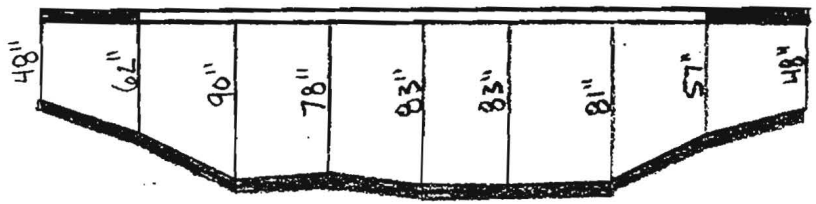
Date:
Page No. 2
Drawing #: Sacr-224, 225-4

From: Point Arena

To: Sacramento

N

1299+90 25'o/s 48"
1300+00 BegBore MATCHLINE
1300+50 25'o/s 62" Bore
1301+10 25'o/s 90" Bore
1301+70 24'o/s 78" Bore
1302+30 24'o/s 83" Bore
1302+90 24'o/s 83" Bore
1303+50 23'o/s 81" Bore
1304+10 22'o/s 57" Bore
1304+50 22'o/s 48" End Bore



Notes: 2-1½ HDPE Orange, Blue
1-¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (Cross Country)

Inspector: Jeb Sinclaugh

Williams

Williams Constr[illegible]on As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154016

Date: [illegible]
Page No. 2
Drawing #: Sacr-225-4

From: Point Arena

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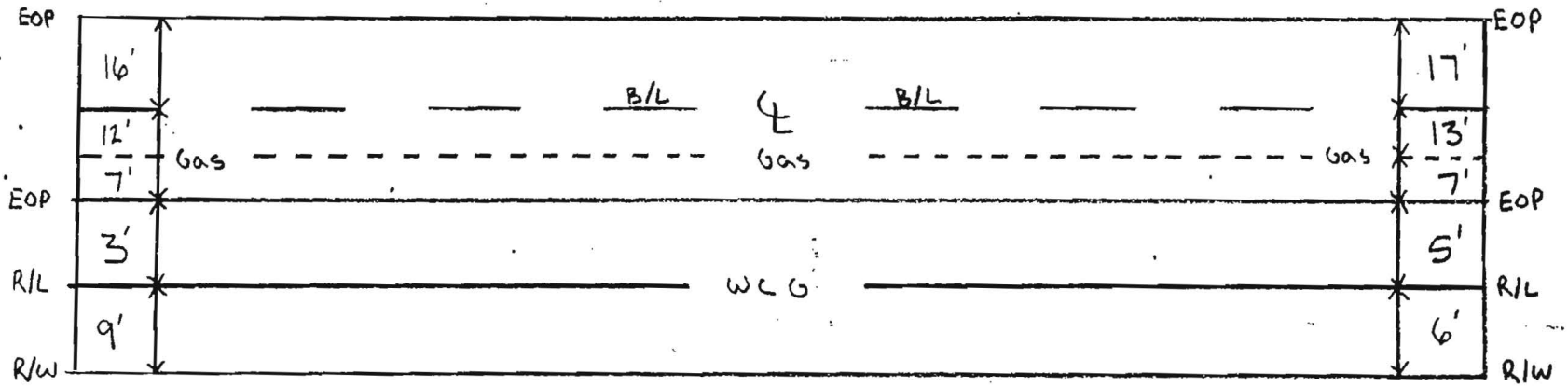
To: Sacramento



1304+60 22.0/5 48" Beg Bore

1305+20 23.0/5 72" Bore

1305+80 23.0/5 100" Bore

1306+40 24.0/5 118" Bore

1307+00 22.0/5 109" Bore

1307+60 22.0/5 109" Bore

1308+20 23.0/5 112" Bore

1308+80 23.0/5 62" Bore

1308+90 25.0/5 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black		County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: Jeb Sincraugh

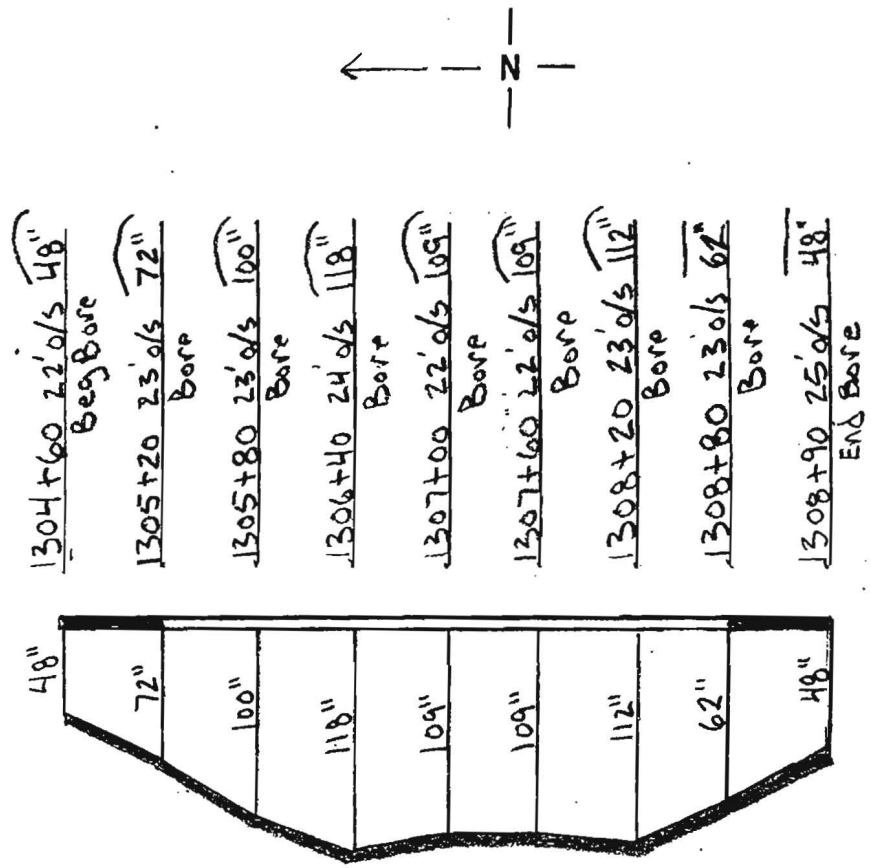
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-1
Page No. 2
Drawing #: Sacr-225-4

From: Point Arena

To: Sacramento



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construction As-Built Documentation

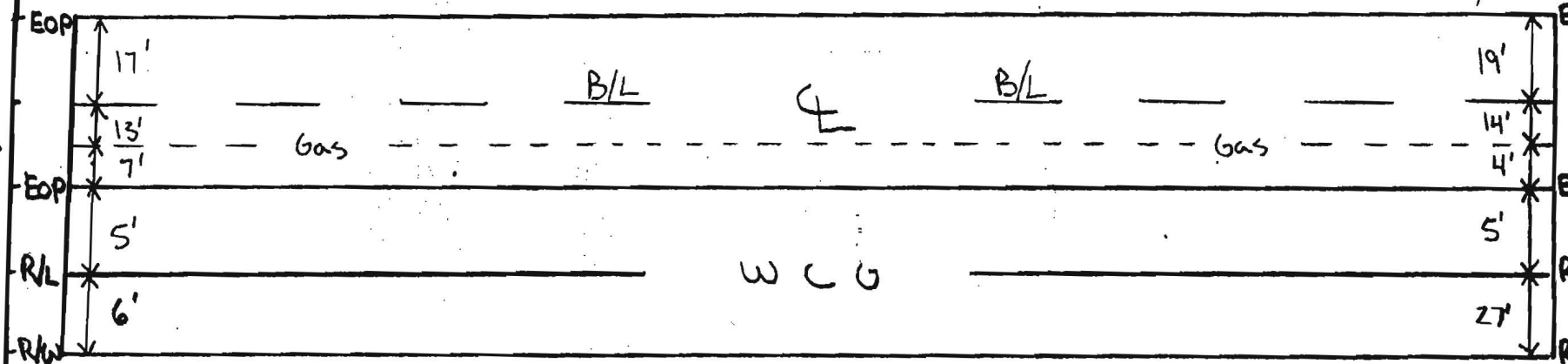
Spread Location: Santa Rosa
Spread No. SouthHB
AFE No. 4875
Contract No. 99P154.16

Page No. 1 of 2
Drawing #: Sacr-225, 226-4

From: Point Arena

N

To: Sacramento



1309+00 25'o/s 48" Beg Bore

1309+60 25'o/s 60" Bore

1310+20 25'o/s 60" Bore

1310+80 25'o/s 65" Bore

1311+00 25'o/s 68" Bore

1311+40 25'o/s 75" Bore

1312+00 24'o/s 53" Match Line

1312+35 23'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (MGE)

Inspector: Jebs Ivcraugh

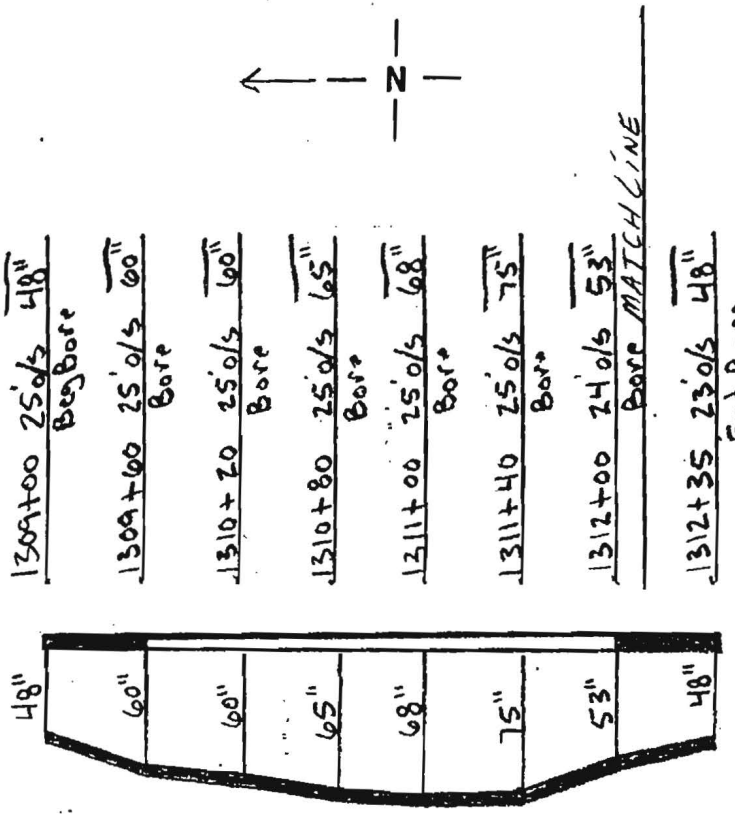
Williams Construc As-Built Documentation

Spread Location: ntaRosa
Spread No. South48
AFE No. 4875
Contract No. 99P154.16

Date: 1...
Page No. 2
Drawing #: Sour-225, 226-4

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (MGE)

Inspector: Seb Sinclough

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1312+14 1' RT. CULVERT
1312+40 ALL DUCT SPLICE
1312+78 3' RT. TELE. POLE
1313+47 36' LT. HANDHOLE
1314+29 2' LT. BOX
1314+31 2' RT. CULVERT
1314+61 2' RT. CULVERT
1314+87 2' RT. UTIL. POLE
1314+88 15' RT. POST
1314+88 15' RT. POST
1314+94 2' RT. CULVERT
1315+90 15' RT. POST
1316+22 5' RT. CULVERT
1315+40 ALL DUCT SPLICE
1316+10 FIBER MARKER
1316+88 2' RT. TELE. POLE
1317+20 TRAFFIC SIG.
1317+23 TRAFFIC SIG.
1318+22 1' RT. TRAFFIC SIG.
1318+27 1' RT. UTIL. POLE
1318+27 4' LT. BOX
1318+64 44' LT. END STEEL
1319+90 10' RT. TELE. POLE
1320+50 ALL DUCT SPLICE
1321+38 10' RT. UTIL. POLE
1323+02 1' LT. TRAFFIC SIG.
1323+18 7' RT. TELE. POLE
1323+55 ALL DUCT SPLICE
1323+70 FIBER MARKER
1323+94 84' LT. CULVERT

ROAD STATIONING

#1 #2 #5 #3 #4 #6

POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO

MATCH LINE
1312+00
SHT. 225-SPRD 4
1331+99

29' 23'0'S 48"

23'0'S 48"

RIGHT-OF-WAY BY OCCUPATION

24'0'S 48"

24'0'S 48"

28'

WILLIAMS FIBER ROUTE

25'0'S 48"

25'0'S 48"

50'

50'

40'0'S 48"

N

PETALUMA HILL ROAD

Centerline of pavement

Centerline of pavement

X 1313+00
X 1314+00
X 1315+00
1316+00
1317+00
1318+00
1319+00
1320+00
1321+00
1322+00
1323+00

R/W

3'

5'

9'

50'

10'

50'

7'

BEG TRENCH
END TRENCH

ASPHALT DRIVE

DIRECTIONAL BORE
MIN 6' DEPTH

MATCH LINE
1323+99
SHT. 227-SPRD 4

| | | |

Williams Construction As-Built Documentation

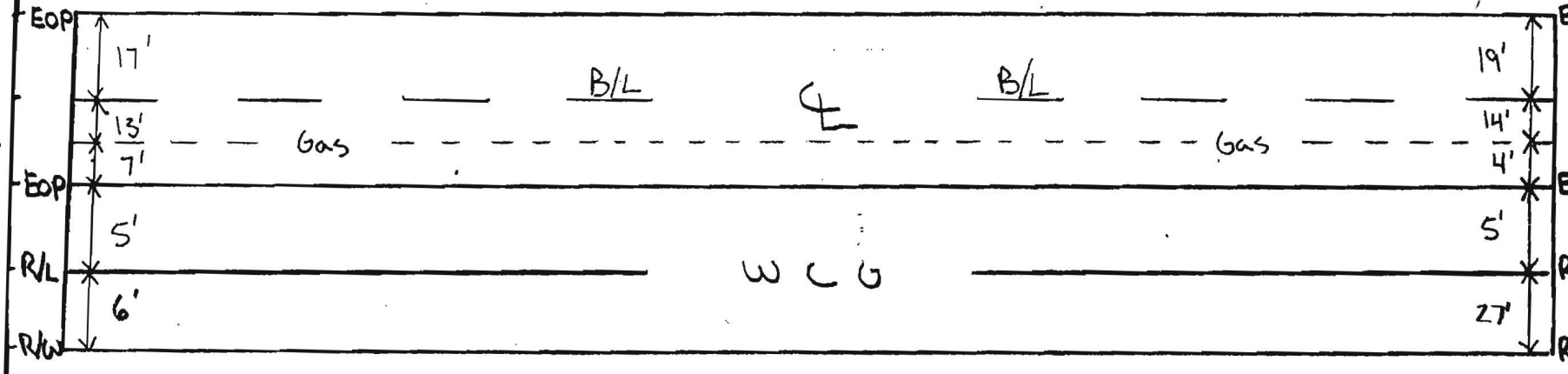
Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date:
Page No. 1 of 2
Drawing #: Sacr-225, 226-4

From: Point Arena

N

To: Sacramento



1309+00 25'o/s 48" Beg Bore

1309+60 25'o/s 60" Bore

1310+20 25'o/s 60" Bore

1310+80 25'o/s 65" Bore

1311+00 25'o/s 68" Bore

1311+40 25'o/s 75" Bore

1312+00 24'o/s 53" match Line

1312+35 23'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (MGE)

Inspector: Seb Sincraugh

Williams

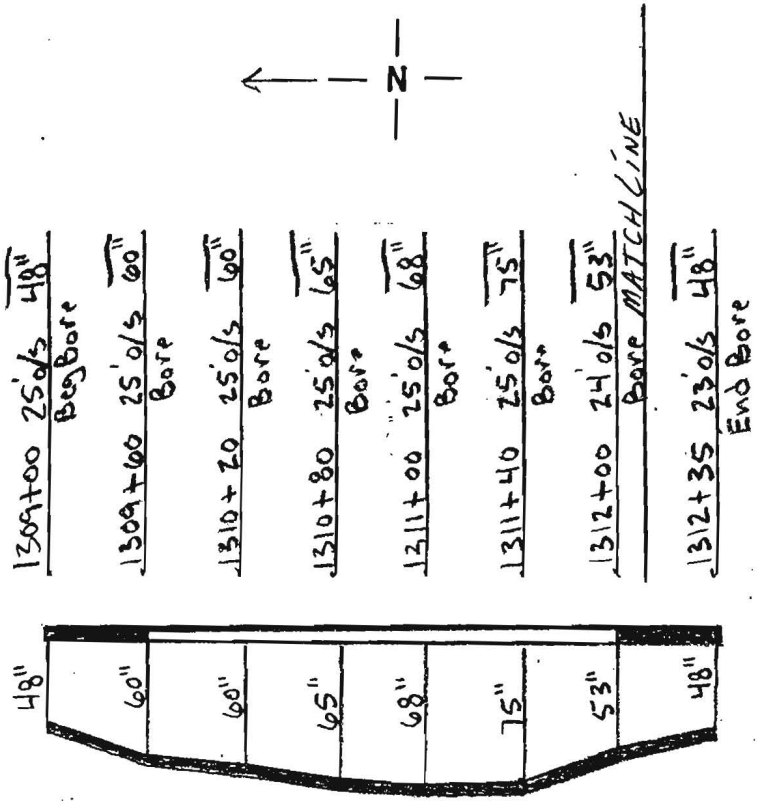
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 12...
Page No. 2
Drawing #:
Sour - 225, 226-4

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue - ¼ HDPE Black	County: Sonoma	Contractor: Tidwell (MGE)
	Duct Configuration:	Inspector: Jeb Sinclaugh

Williams Construct[illegible]s-Built Documentation

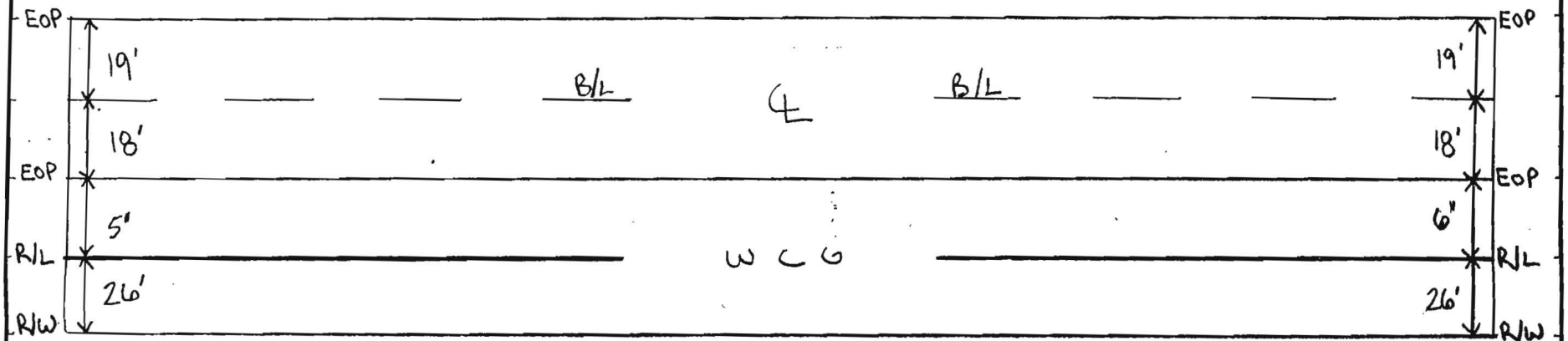
Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-12[illegible]
Page No. 1 o[illegible]
Drawing #: SoCr-226-4

From: Point Arena

N

To: Sacramento



1312+45 23'0/s 48" Beg Bore

1312+60 23'0/s 52" Bore

1313+20 23'0/s 100" Bore

1313+80 23'0/s 102" Bore

1314+40 23'0/s 97" Bore

1315+00 24'0/s 64" Bore

1315+55 24'0/s 48" End Bore

Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black		County: Sonoma	Contractor: Tidwell (MGE)
		Duct Configuration:	Inspector: Jeb Sincraugh

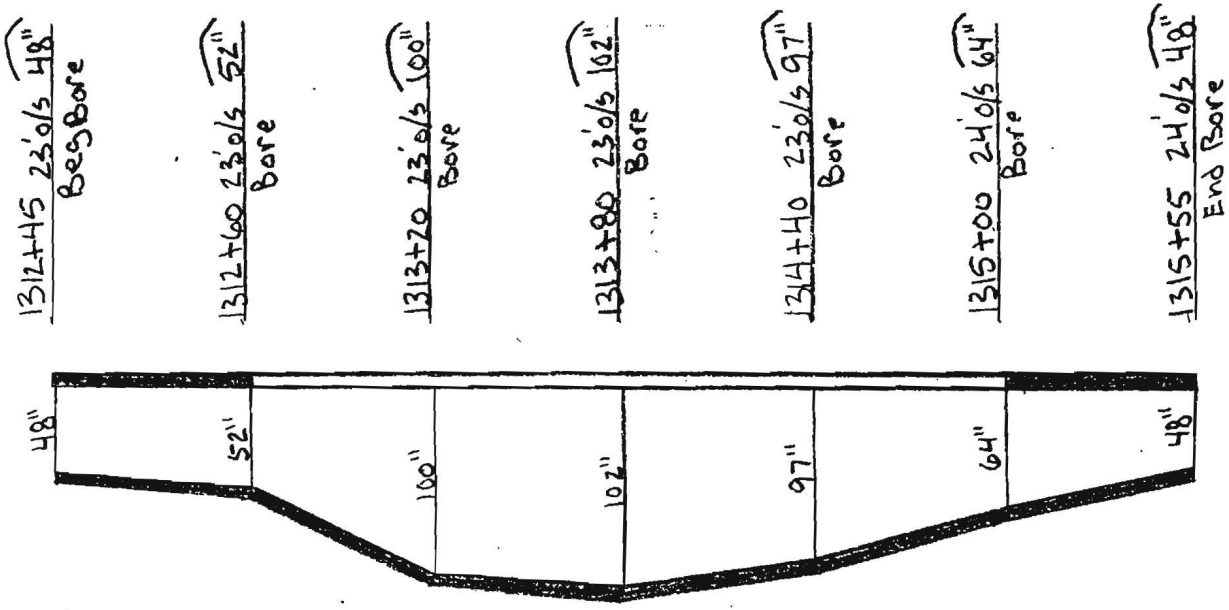
Williams

Williams Construct[illegible] As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-13
Page No. 2 of
Drawing #: Sacr-226-4

From: Point Arena ← N → To: Sacramento



Notes: 2- 1½ HDPE Orange, Blue 1- 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell (MGE)
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams

Williams Construc[illegible]ls-Built Doc[illegible]ntation

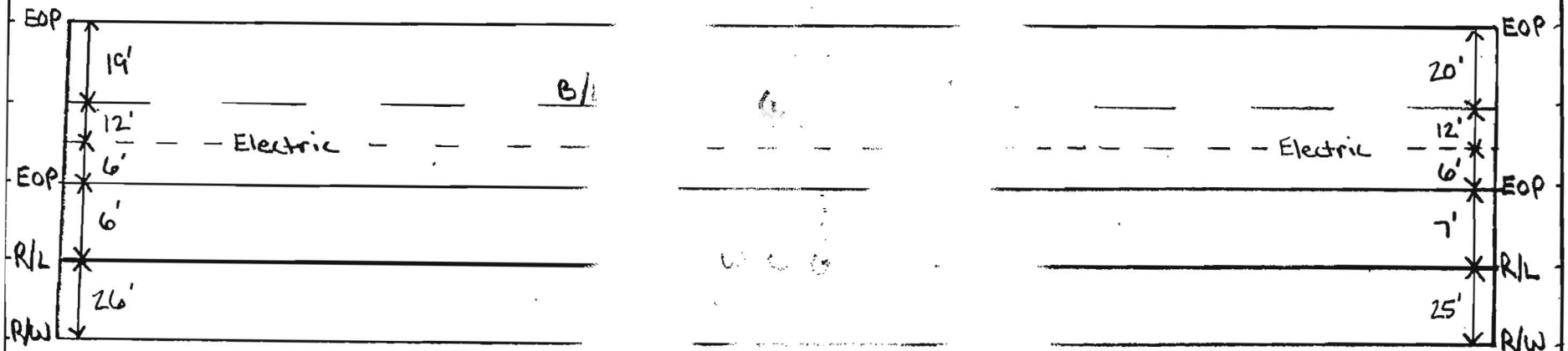
Spread Loca[illegible] Santa Rosa
[illegible]d No. South 4B
No. 4875
Contra[illegible] 99P154.16

Date: 12-1[illegible]
Page No. 1 of [illegible]
Drawing #: Sacr-226-4

From: Point Arena

To: Sacramento

N



1315+65 24'o/s 48" Beg Bore

1315+80 24'o/s 60" Bore

1316+40 26'o/s 100" Bore

1317+00 27'o/s [illegible]" Bore

1317+60 28'o/s [illegible]" Bore

1318+20 26'o/s [illegible]" Bore

1318+80 27'o/s [illegible]" Bore

1319+40 26'o/s [illegible]" Bore

1320+00 25'o/s 52" Bore

1320+45 25'o/s 48" End Bore

Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	County: Sonoma	Contractor: Tidwell (MGE)
	Duct Configuration:	Inspector: Jeb Sinclaugh

Williams

Williams Construction As-Built Documentation

Spread Location: N Petaluma

Spread No. South4B

AFE No. 4875

Contract No. 99P154.16

Page No. 2 of

Drawing #: Sour-226-4

From: Point Arena

To: Sacramento

N

1315+65 24'o/s 48" Beg Bore

1315+80 24'o/s 60" Bore

1316+40 26'o/s 100" Bore

1317+00 27'o/s 96" Bore

1317+60 28'o/s 96" Bore

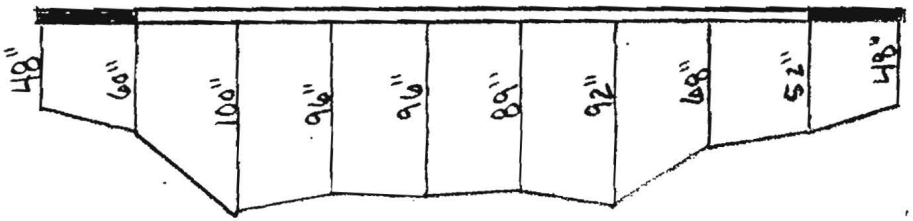
1318+20 26'o/s 89" Bore

1318+80 27'o/s 92" Bore

1319+40 26'o/s 68" Bore

1320+09 25'o/s 52" Bore

1320+45 25'o/s 48" End Bore



Notes: 2-1½ HDPE Orange, Blue
1-¼ HDPE Black

County: Sonoma

Contractor: Tidwell (MGE)

Duct Configuration:

Inspector: Seb Sinclaugh

Williams Construc[illegible] As-Built Documentation

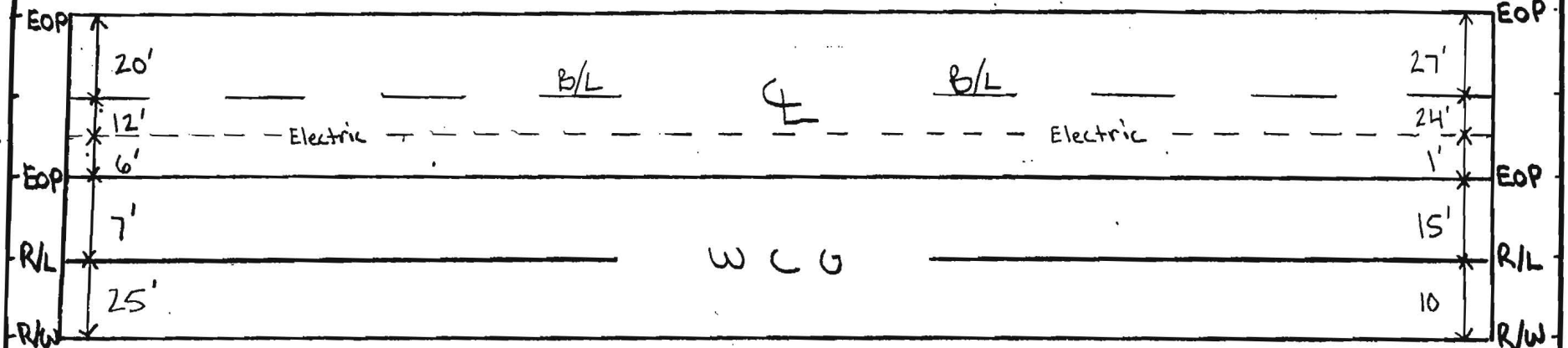
Spread Location: [illegible]nta Rosa
Spread No. SouthHB
AFE No. 4875
Contract No. 99P154.16

Date: [illegible]
Page No. 1
Drawing #: Sacs-226-4

From: Point Arena

N

To: Sacramento



1320+60 25'o/s 48" Beg Bore

1321+20 17'o/s 104" Bore

1321+80 29'o/s 105" Bore

1322+40 35'o/s 111" Bore

1323+00 38'o/s 118" Bore

1323+55 40'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (DrillTech)

Inspector: Jebs Sincraugh

Williams

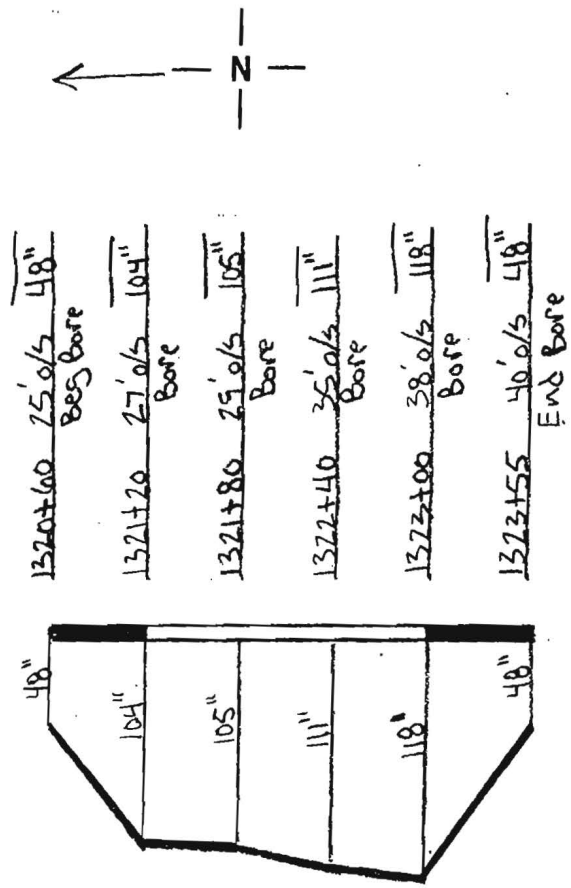
Williams Construct[illegible] As-Built Documentation

Spread Location: [illegible]ta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-6-[illegible]
Page No. 2 o[illegible]
Drawing #: Sacr-226-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange Blue 1-1¼ HDPE Black	Sonoma	Tidwell (DrillTech)
	Duct Configuration:	Inspector: Jeb Sincraugh

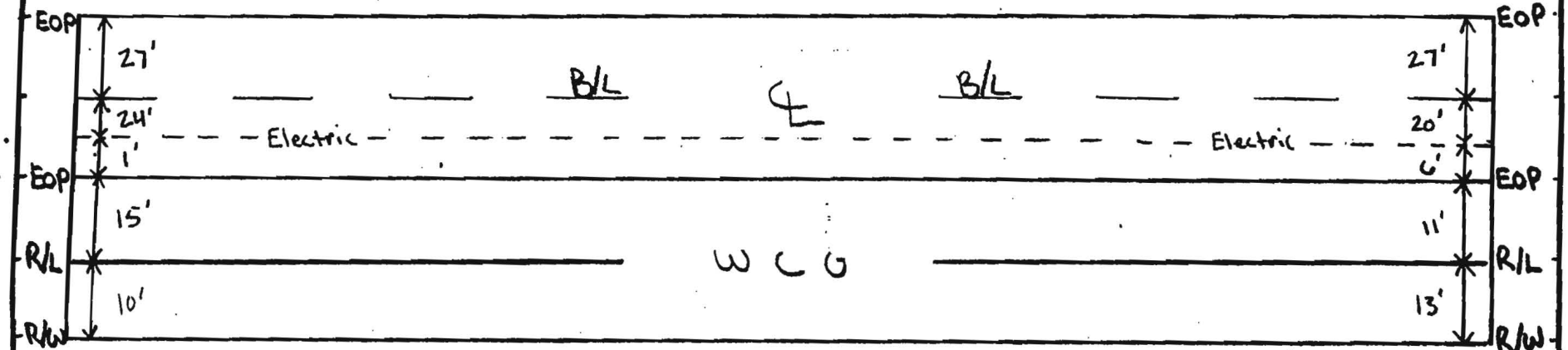
Williams

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Page No. 1 of 2
Drawing #: Sour-226,227-4

From: Point Arena ← N → To: Sacramento



1323+60 40'o/s 48" Beg Bore

1323+99 40'o/s 52" Match Line

1324+20 40'o/s 78" Bore

1324+80 39'o/s 100" Bore

1325+40 39'o/s 102" Bore

1325+70 39'o/s 73" Bore

1326+00 37'o/s 59" Bore

1326+15 37'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (American)

Inspector: Jebsincraugh

Williams

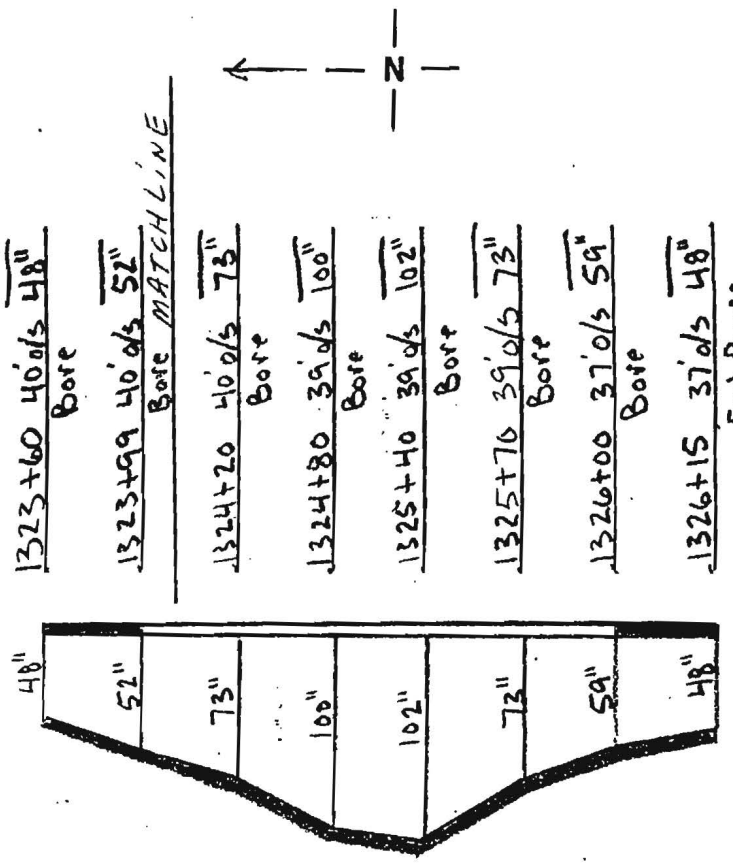
Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: [illegible]
Page No. 2
Drawing #: Sacr-226/227-4

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue
1 - ¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (American)

Inspector: Jeb Sinnaugh

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1324+15 62' LT. DRIVEWAY
1324+26 3' LT. TRAFFIC SIG.
1324+26 91' LT. FENCE CORNER
1324+28 86' LT. CULVERT
1324+41 1' RT. TRAFFIC SIG.
1324+41 3' RT. ELEC. VAULT
1324+43 1' RT. TRAFFIC SIG.
1324+48 6' RT. ELEC. VAULT
1324+54 67' LT. TRAFFIC SIG.
1324+58 71' LT. TRAFFIC SIG.
1324+61 5' RT. TRAFFIC SIG.
1324+63 5' RT. TRAFFIC SIG.
1324+72 9' RT. TRAFFIC SIG.
1324+74 BEGIN STEEL
1324+75 63' LT. DRIVEWAY
1324+76 6' RT. UTIL. POLE
1324+89 18' RT. TRAFFIC SIG.
1325+19 VALLEY HOUSE DR.
1325+44 69' LT. TRAFFIC SIG.
1325+45 64' RT. TRAFFIC SIG.
1325+54 64' LT. DRIVEWAY
1325+61 15' RT. LIGHT POLE
1325+62 END STEEL
1325+65 2' RT. UTIL. POLE
1325+77 TRAFFIC SIG.
1325+87 75' LT. TRAFFIC SIG.
1326+15 ALL DIST SAVED #1
1326+98 62' LT. TELEPHONE UNI
1327+15 72' LT. TRAFFIC SIG.
1327+17 ALL DIST SAVED #2
1327+79 83' LT. TELE. POLE
1328+02 10' RT. UTIL. POLE
1328+55 1' LT. CULVERT
1328+88 BEGIN STEEL
1328+88 CULVERT
1328+94 END STEEL
1330+38 77' LT. TELE. POLE
1331+35 FIBER MARKER #3
1331+41 18' RT. UTIL. POLE
1331+89 76' LT. TELE. POLE
1332+28 55' LT. TRAFFIC SIG.
1333+56 75' LT. TELE. POLE
1334+70 22' RT. UTIL. POLE
1335+18 74' LT. TELE. POLE

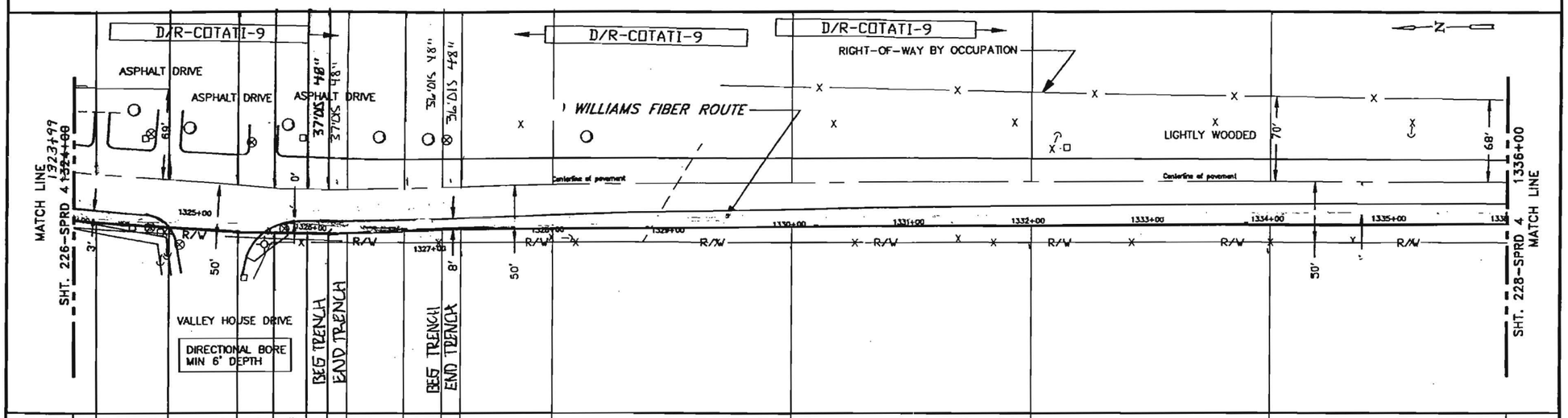
ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

#1 #2 #3



1323+99														1336+00
1324+20	40'DIS 73"	39'DIS 100"	39'DIS 102"	39'DIS 73"	37'DIS 59"	EXD ROPE	36'DIS 59"	EXD ROPE	36'DIS 48"	36'DIS 48"	36'DIS 48"	36'DIS 48"	36'DIS 48"	
1324+20	1324+90	1325+40	1325+70	1326+00	1326+15	BEG PLOW	1326+80	BEG PLOW	1327+15	1328+00	1330+00	1332+00	1334+00	

96 - LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK, 1-1.50" HDPE BLUE, 1-1.5" HDPE ORANGE

1323+99	1326+15		1326+20	1326+90	1327+15	1327+21		1327+21		
216'	5'		70'	25'	6'			8.79'		
1-11 @ 3.21 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12-15-00 AMERICAN BORING	TRENCH 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2-7-01 TIDWELL		1-11 @ 3.21 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2-7-01 TIDWELL	1-11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2-7-01 TIDWELL	TRENCH 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2-7-01 TIDWELL	65A TRACER WIRE JEB SINCRAUGH 6-15-01 IN BLACK 1.25" HDPE		1-11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12-29-01 TIDWELL		

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- OB Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line end/or White Line
- Regen Site
- P.O.P./Act.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-8069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION
- CABLE FIBER COUNT MFR. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
- INNERDUCT & TYPE (CORR/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE UNIT PLACE
- FUTURE-2
- FUTURE-3
- FUTURE-4

COMMUNICATIONS GROUP
Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-227-SPRD 4

Williams

Williams Constr[illegible] As-Built Documentation

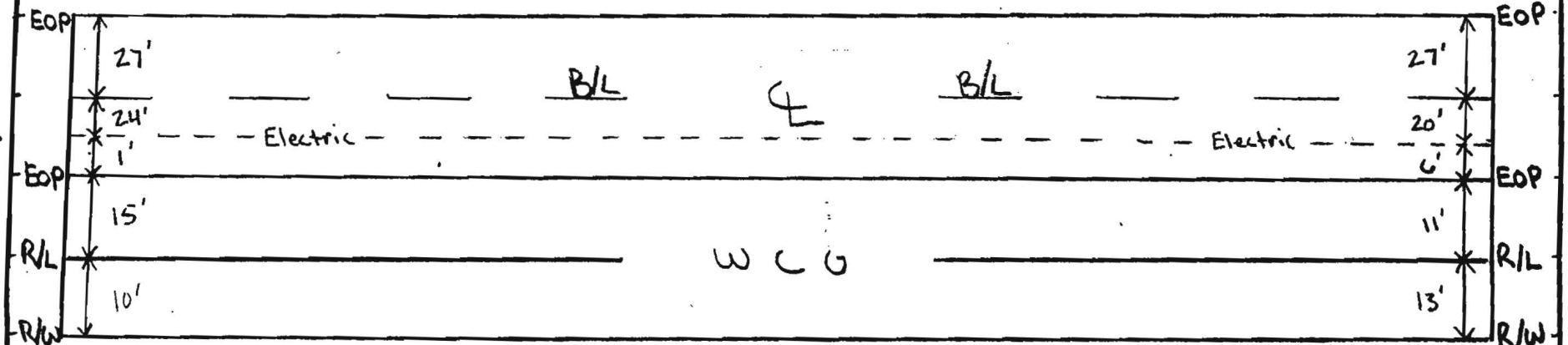
Spread Location: Santa Rosa
Spread No. South HB
AFE No. 4875
Contract No. 99P154.16

Page No. 1 of 2
Drawing #: Sour-226,227-4

From: Point Arena

N

To: Sacramento



1323+60 40'o/s 48" Beg Bore

1323+99 40'o/s 52" Match Line

1324+20 40'o/s 73" Bore

1324+80 39'o/s 100" Bore

1325+40 39'o/s 102" Bore

1325+70 39'o/s 73" Bore

1326+00 37'o/s 59" Bore

1326+15 37'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (American)

Inspector: Jeb Sinclaugh

Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]ntaRosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 12 1[illegible]
Page No. 2[illegible]
Drawing #:
SacR-226/227-4

From: Point Arena

To: Sacramento

N

1323+60 40'd/s 48" Bore

1323+99 40'd/s 52" Bore MATCHLINE

1324+20 40'd/s 73" Bore

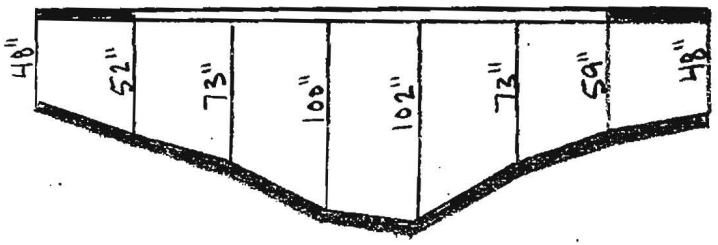
1324+80 39'd/s 100" Bore

1325+40 39'd/s 102" Bore

1325+78 39'd/s 73" Bore

1326+00 37'd/s 59" Bore

1326+15 37'd/s 48" End Bore



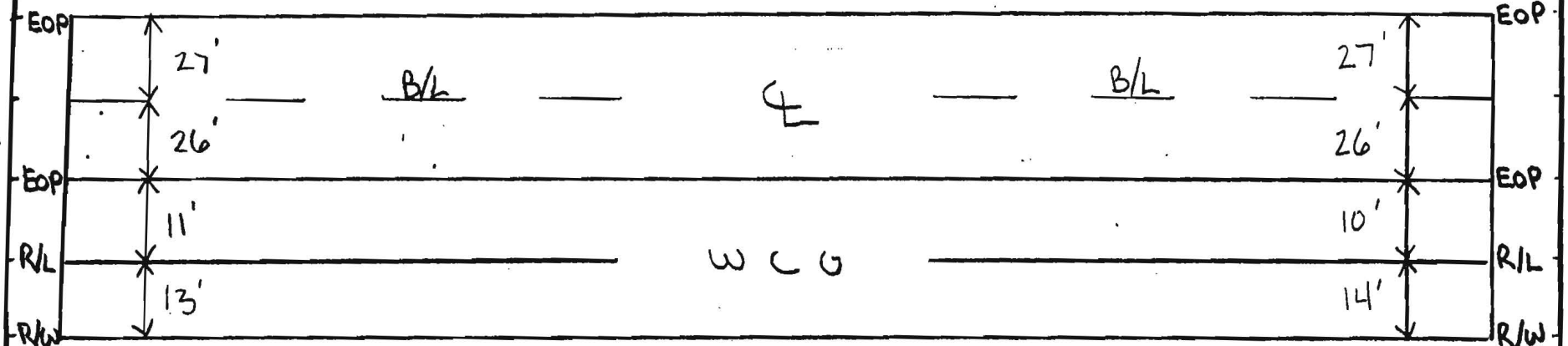
Notes: 2 - 1½ HDPE Orange, Blue 1 - ¼ HDPE Black	County: Sonoma	Contractor: Tidwell (American)
	Duct Configuration:	Inspector: Jeb Sinclaugh

Williams Construc As-Built Documentation

Spread Location: nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 2-1-
Page No. 1
Drawing #: Sacr-227-4

From: Point Arena ← N → To: Sacramento



1326+20 37'0/s 48" Beg Bore

1326+80 36'0/s 59" Bore

1327+15 36'0/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams

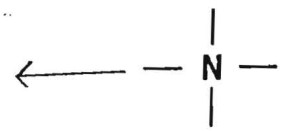
Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]anta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 2-7
Page No. 2
Drawing #: Sonr-227-4

From: Point Arena

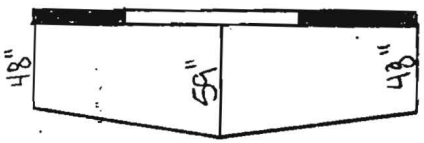
To: Sacramento



1326+20 37'0/s 48" Beg Bore

1326+80 360/s 59" Bore

1327+15 360/s 48" End Bore



Notes: 2 - 1/2 HDPE Orange, Blue
1 - 1/4 HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sincraugh

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1327+21	36'	48"		BEGIN PLOW WEST SIDE RD
1328+00	36'	48"		
1330+00	36'	48"		
1332+00	36'	48"		
1334+00	36'	48"		
MATCHLINE				

DATE:	12-29-00	CONTRACTOR:	TIDWELL
COUNTY:	SONOMA	INSPECTOR:	JR SMITS
ALIGN. SHT. #		PROJECT:	4B

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1338+63 76' LT. UTIL POLE
1337+96 FIBER MARKER #1
1337+97 22' RT. UTIL POLE
1337+98 76' LT. UTIL POLE
1338+48 49' LT. HANDHOLE
1339+93 77' LT. TELE. POLE
1341+28 23' RT. UTIL POLE
1341+53 77' LT. TELE. POLE
1342+94 FIBER MARKER #2
1343+21 77' LT. TELE. POLE
1344+54 22' RT. UTIL. POLE
1344+92 77' LT. TELE. POLE
1346+49 78' LT. TELE. POLE
1347+44 91' LT. FENCE CORNER
1347+67 BRUSH STEEL
1347+69 CULVERT
1347+79 END STEEL
1347+82 21' RT. UTIL. POLE
1347+86 78' LT. TELE. POLE

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

#1 AHEAD

#2 AHEAD

D/R-COTATI-9

D/R-COTATI-9

RIGHT-OF-WAY BY OCCUPATION

MATCH LINE
SHT. 227-SPRD 4 1336+00

PETALUMA HILL ROAD

Centerline of pavement

1336+00 1337+00 1338+00 1339+00 1340+00 1341+00 1342+00 1343+00 1344+00 1345+00 1346+00 1347+00 1348+00

R/W

50'

63'

PROPOSED WILLIAMS FIBER ROUTE

MATCH LINE
SHT. 229-SPRD 4 1348+00

1336+00
36" DIS 48"
1336+00

36" DIS 48"
1338+00

36" DIS 48"
1340+00

36" DIS 48"
1342+00

36" DIS 48"
1344+00

36" DIS 48"
1346+00

36" DIS 48"
1348+00

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK 1-1.5" HDPE BLUE 1-1.5" HDPE ORANGE

1336+00
1348+00
1200'

1-1.5" HDPE
2-1.25" HDPE
JR SMITH
12 29 00
TIDWELL

65A.
TRACER WIRE

JEB SINKRALISH
6-15-01
IN BLACK 1.25" HDPE

Notes:

1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line end/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

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1-888-945-2255

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

COMMUNICATIONS GROUP
Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	

DRAWING NUMBER : SACR-228-SPRD 4

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
MATCHLINE				
1336+00	36'	48"		PLOW WEST SIDE RD MATCH LINE
1338+00	36'	48"		↓
1340+00	36'	48"		
1342+00	36'	48"		
1344+00	36'	48"		
1346+00	36'	48"		
1348+00	36'	48"		
MATCHLINE				

DATE:	12-29-00	CONTRACTOR:	TIDWELL
COUNTY:	SONOMA	INSPECTOR:	JR SMITS
ALIGN. SHT. #		PROJECT:	48

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1348+07 1' RT. CULVERT
1349+08 PULL QUICKSPLICE
1349+08 HANDHOLE 33'OLS
1349+35 82' LT. TELE. POLE
1349+08 FIBER MARKER
1349+82 2' LT. CULVERT
1349+76 2' LT. CULVERT
1350+62 15' RT. UTIL. POLE
1350+71 88' LT. UTIL. POLE
1350+86 73' LT. TELEPHONE UNIT
1350+85 91' LT. UTIL. POLE
1350+85 92' LT. HEADWALL
1351+01 95' LT. CULVERT
1351+05 27' RT. CULVERT
1351+13 BEGIN STEEL
1351+19 75' LT. EAST RAILROAD
1351+25 E. RAILROAD DR.
1351+32 96' LT. HEADWALL
1351+39 END STEEL
1351+53 24' RT. CULVERT
1351+72 7' RT. POWER POLE
1352+66 85' LT. UTIL. POLE
1353+38 63' LT. DRIVEWAY
1353+93 77' LT. TELE. POLE
1353+98 13' RT. UTIL. POLE
1354+25 PULL DUCT SPLICE
1354+77 3' RT. CULVERT
1354+94 16' RT. RETAINING WALL
1355+00 BEGIN STEEL
1355+10 GAS LINE
1355+13 3' RT. CULVERT
1355+20 END STEEL
1355+37 75' LT. TELE. POLE
1356+11 4' RT. CULVERT
1356+51 5' RT. CULVERT
1356+92 72' LT. TELE. POLE
1357+04 12' RT. POWER POLE
1357+04 FIBER MARKER
1358+06 SPARE POLE
1358+44 62' LT. HEADWALL
1358+49 67' LT. HEADWALL
1358+50 69' LT. TELE. POLE
1359+13 66' LT. HEADWALL
1359+39 BEGIN STEEL
1359+44 6' LT. HEADWALL
1359+44 45' LT. HEADWALL
1359+45 6' LT. BOX CULVERT
1359+45 9' RT. BOX CULVERT
1359+54 52' LT. CULVERT

ROAD STATIONING

#1 #2 #3 #4 #5 #6

← POINT ARENA

SONOMA COUNTY CALIFORNIA

SACRAMENTO →

MATCH LINE 1348+00 SHT. 228–SPRD 4 1347+99

RIGHT-OF-WAY BY OCCUPATION

D/R-COTATI-9

ASPHALT DRIVE

23'OLS 48"

36'OLS 48"

PETALUMA HILL ROAD

Centerline of pavement

WILLIAMS FIBER ROUTE

D/R-COTATI-9

ASPHALT DRIVE

MATCH LINE 1359+99 SHT. 230–SPRD 4

61'

50'

8'

12'

50'

63'

43'

8' BOX CULVERT

R/W

BEG TRENCH

END TRENCH

33'OLS 24"

DIRECTIONAL BORE MIN 6' DEPTH

EAST RAILROAD AVENUE

100'

BEG TRENCH

END TRENCH

ASPHALT DRIVE

ASPHALT DRIVE

WL-COTATI-5

D/R-COTATI-8

| | | |

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
MATCH LINE				
1348+87	36'	48"		END PLOW WEST SIDE RD

DATE: 12-29-00	CONTRACTOR: TIDWELL
COUNTY: SONOMA	INSPECTOR: JR SMITH
ALIGN. SHT. #	PROJECT: 4B

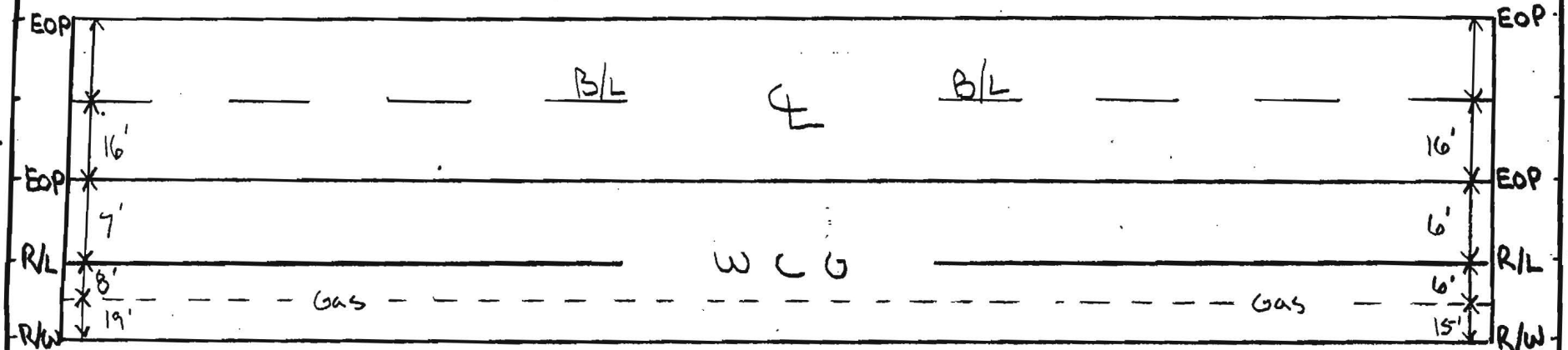
Williams

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-2
Page No. 1 of 2
Drawing #: Sacr-229

From: Point Arena ← N → To: Sacramento



1349+35 23'o/s 48" BegBore

1349+50 23'o/s 54" Bore

1350+10 23'o/s 110 Bore

1350+70 23'o/s 117" Bore

1351+30 24'o/s 120" Bore

1351+90 23'o/s 120" Bore

1352+50 23'o/s 120" Bore

1353+10 22'o/s 100" Bore

1353+70 22'o/s 71" Bore

1354+20 22'o/s 48" EndBore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (MGE)

Inspector: Seb Sincraugh

Williams

Williams Construc[illegible] As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

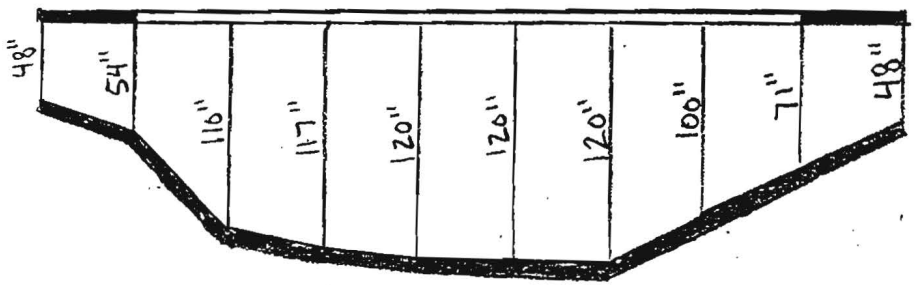
Date: 12-1
Page No. 2 of [illegible]
Drawing #: Sour-229

From: Point Arena

N

To: Sacramento

1349+35	1349+50	1350+10	1350+70	1351+30	1351+90	1352+50	1353+10	1353+70	1354+20
23'o/s	23'o/s	23'o/s	23'o/s	24'o/s	23'o/s	23'o/s	22'o/s	22'o/s	22'o/s
48" Beg Bore	54" Bore	110" Bore	117" Bore	120" Bore	120" Bore	120" Bore	100" Bore	71" Bore	48"



Notes: 2-1½ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (MGE)

Inspector: Jeb Sinclaugh

Williams

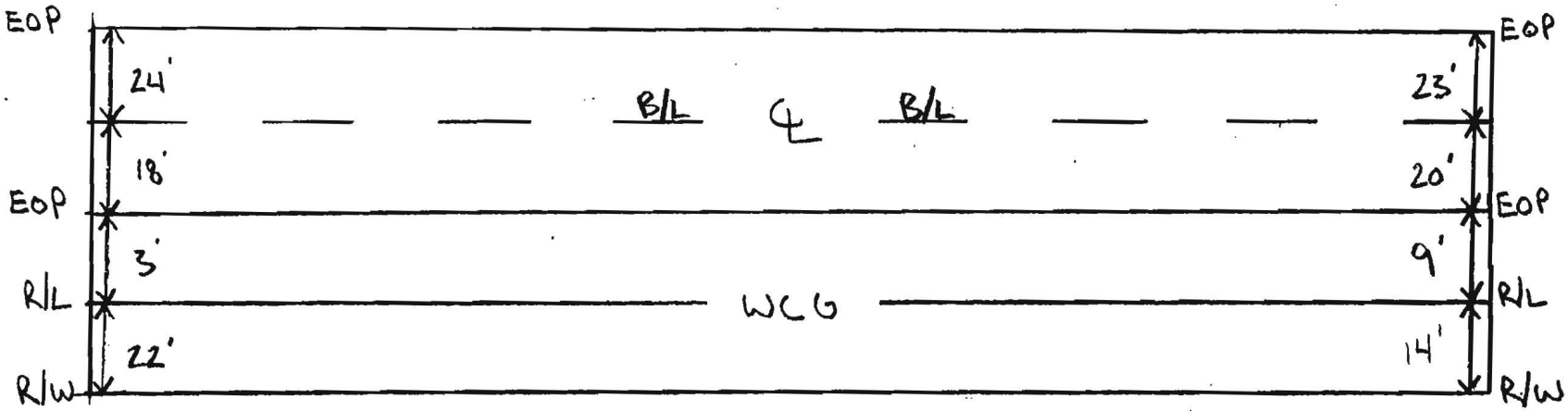
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-[illegible]-00
Page No. 1 of [illegible]
Drawing #: Sacr-229-4

From: Point Arena ← N → To: Sacramento

1354+30 21'o/s 48" Beg Bore
1354+90 22'o/s 8⅝" Bore
1355+50 22'o/s 90" Bore
1356+10 23'o/s 8⅝" Bore
1356+70 24'o/s 8⅝" Bore
1357+30 26'o/s 101" Bore
1357+90 29'o/s 48" End Bore



Notes: 2- 1½ HDPE Orange, Blue
1- 1¼ HDPE Blue

County: Sonoma
Duct Configuration:

Contractor: Tidwell (MGE)
Inspector: Jebsincrausb

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-00
Page No. 2 2
Drawing #: SoCS-229-4

From: Point Arena

N

To: Sacramento

1354+30 21'0/s 48" Beg Bore

1354+90 22'0/s 86" Bore

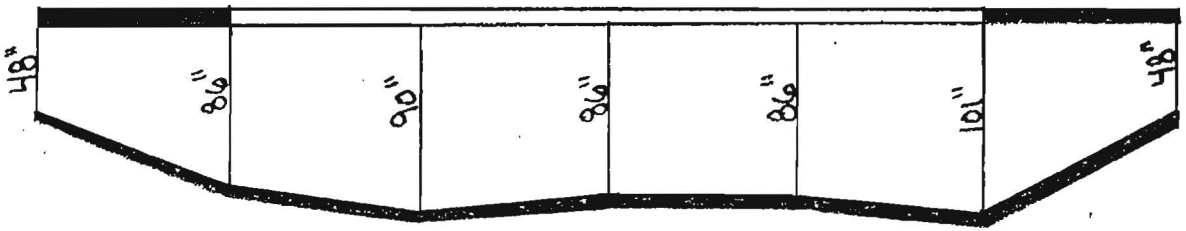
1355+50 22'0/s 90" Bore

1356+10 23'0/s 86" Bore

1356+70 24'0/s 86" Bore

1357+30 26'0/s 101" Bore

1357+90 29'0/s 48" End Bore



Notes: 2 - 1 1/2 HDPE Orange, Blue 1 - 1 1/4 HDPE Black		County: Sonoma	Contractor: Tidwell (MGE)
		Duct Configuration:	Inspector: Deb Sincraugh

COUNTY OF SONOMA

FIBER STATIONING

1359+36 1 LT. CULVERT
1359+64 11' RT. CULVERT
1359+85 8' RT. BOX CULVERT
1359+85 46' LT. BOX CULVERT
1359+88 5' LT. BOX CULVERT
1359+88 95' LT. HEADWALL
1359+88 45' LT. HEADWALL
1359+88 END STEEL
1359+78 14' RT. POWER POLE
1359+84 15' RT. DRIVEWAY
1359+90 7' LT. HEADWALL
1359+91 73' LT. CULVERT
1359+93 79' LT. HEADWALL
1359+94 68' LT. HEADWALL
1359+95 66' LT. TELE. POLE
1361+06 69' LT. TELE. POLE
1362+01 1' RT. CULVERT
1362+12 32' RT. RETAINING WALL
1362+37 5' RT. CULVERT
1362+62 64' LT. TELE. POLE
1363+20 15' RT. UTIL. POLE
1363+60 FIBER MARKER
1363+49 54' LT. HANDHOLE
1363+65 CULVERT
1363+82 18' RT. RETAINING WALL
1364+01 1' RT. CULVERT
1364+16 58' LT. TELE. POLE
1364+81 22' RT. POWER POLE
1365+00 50' LT. CULVERT
1365+15 45' LT. DRIVEWAY
1365+30 49' LT. CULVERT
1365+60 ALL DUCT SPLICE
1365+73 54' LT. TELE. POLE
1366+67 41' LT. GAS LINE
1366+85 1' LT. POWER POLE
1366+87 4' LT. CULVERT
1366+97 48' LT. TELE. POLE
1367+00 BEGIN STEEL
1367+09 GAS LINE
1367+16 CULVERT
1367+18 END STEEL
1368+70 44' LT. TELE. POLE
1368+85 1' RT. CULVERT
1369+05 2' RT. CULVERT
1369+43 FIBER MARKER
1370+03 35' LT. GAS LINE
1370+30 ALL DUCT SPLICE
1370+63 36' LT. GAS LINE
1370+74 4' RT. UTIL. POLE
1370+94 36' LT. DRIVEWAY
1371+36 UTIL. POLE
1371+52 43' LT. UTIL. POLE
1371+59 4' RT. POWER POLE

#3 #1 #2 #4

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

76'DIS 48"

PROPOSED WILLIAMS FIBER ROUTE

RIGHT-OF-WAY BY OCCUPATION

PETALUMA HILL ROAD

Centerline of pavement

ASPHALT DRIVE

MATCH LINE
SHT. 229-SPRD 4 1359+99

MATCH LINE
SHT. 231-SPRD 4 1371+99

WL-COTATI-5
D/R-COTATI-8

RIGHT-OF-WAY BY OCCUPATION

END TRENCH

| | | |

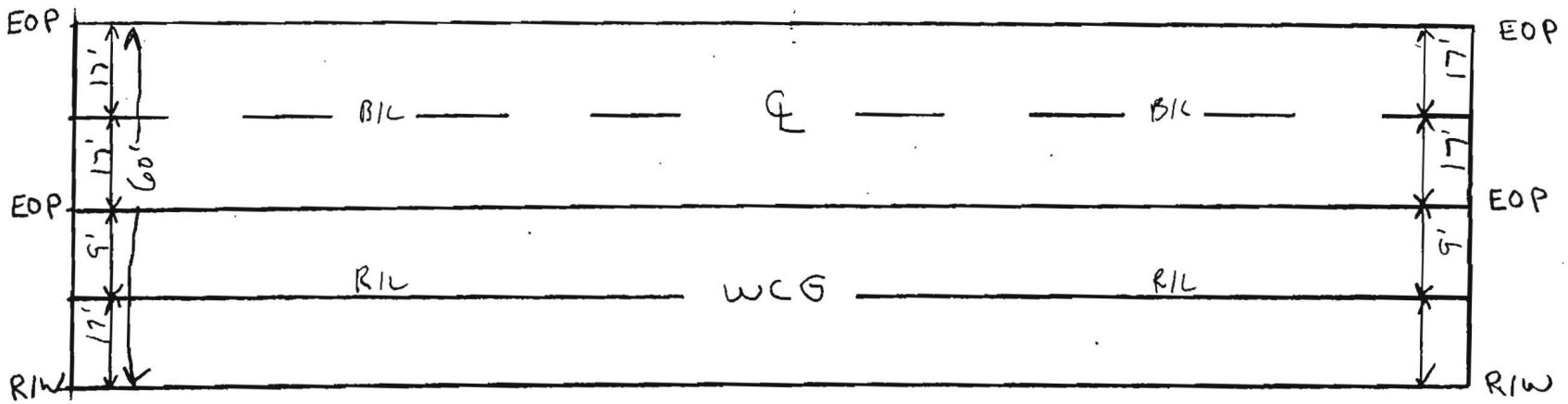
Williams Construction As-Built Documentation

Spread Location:
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-1[illegible]
Page No. 1 of
Drawing #:
SNCP-230-4

From: POINT ARENA ← N → To: SACRAMENTO

1360+85	1361+40	1362+00	1362+60	1363+20	1363+80	1364+40	1365+00	1365+20
36' 48"	36' 58"	36' 120"	36' 120"	36' 146"	36' 143"	36' 134"	36' 68"	36' 48"
Begin Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	End Bore



Notes:	County:	Contractor:
2 1½ HDPE orange, Blue 1 1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: JR SMITH

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date:

Page No. 2 of

Drawing #:

SHEET 230

From: POINT ARENA

To: SACRAMENTO

N

1360+85 26'0/S Begin Bore

1361+40 26'0/S Bore

1362+00 26'0/S Bore

1362+60 26'0/S Bore

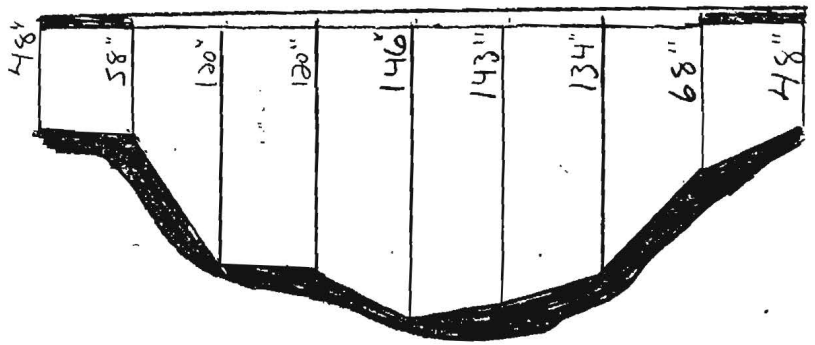
1363+20 26'0/S Bore

1363+80 26'0/S Bore

1364+40 26'0/S Bore

1365+00 26'0/S Bore

1365+80 26'0/S End Bore



Notes:

2 1½ HDPE Orange, Blue

1 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

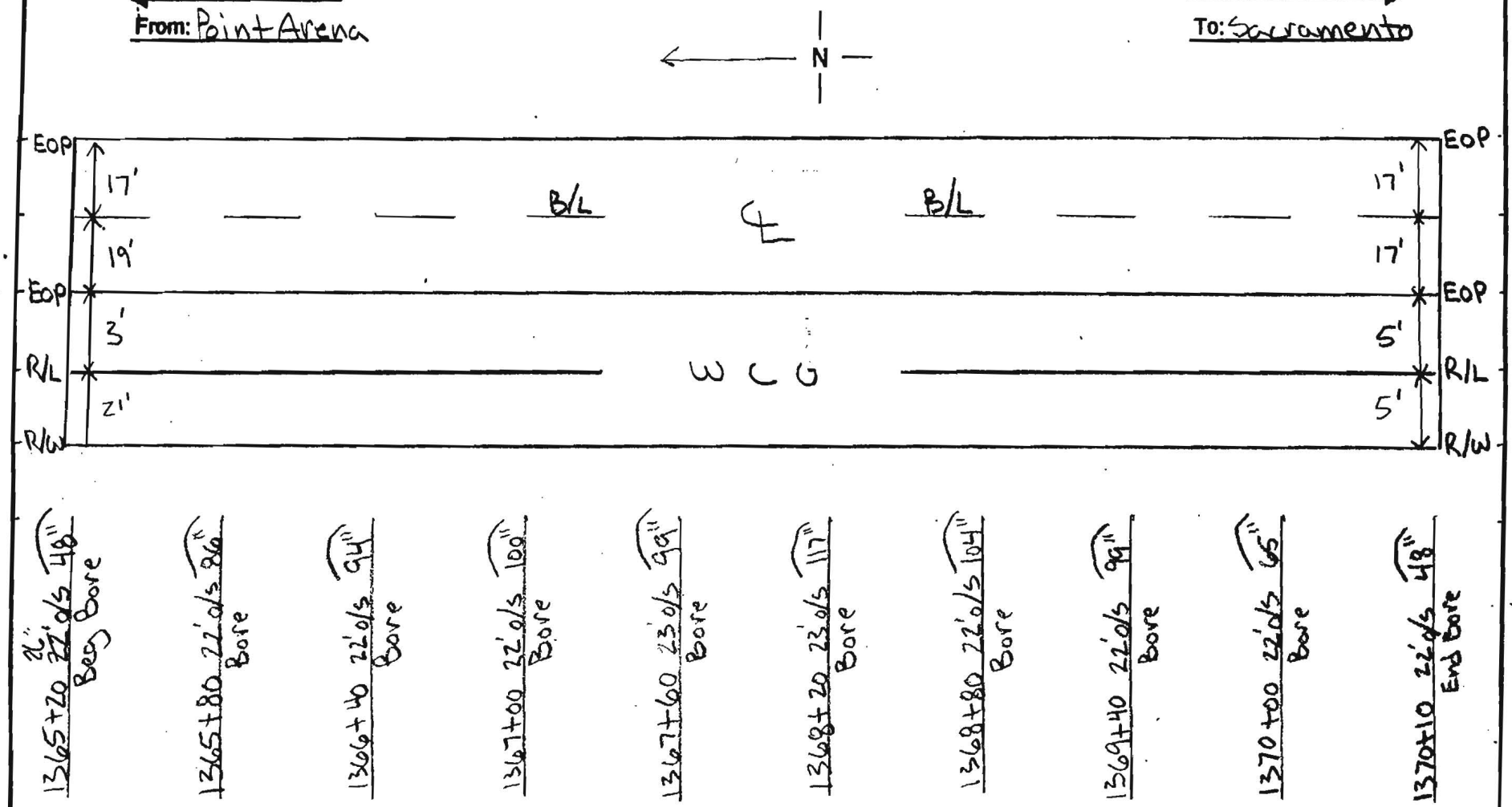
Inspector: JR SMHS

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-[illegible]00
Page No. 1
Drawing #: Sacr-230-4

From: Point Arena
To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construc[illegible] As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

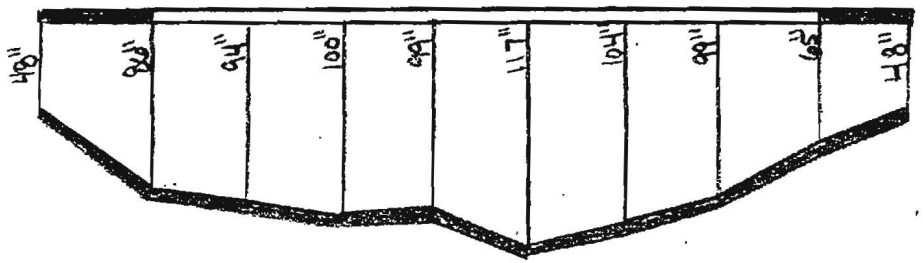
Date:
Page No. 2 of
Drawing #: Sour-230-4

From: Point Arena

N

To: Sacramento

13657+20	13657+80	13658+40	13659+00	13659+60	13660+20	13660+80	13661+40	13662+00	13662+10
22'o/s	22'o/s	22'o/s	22'o/s	23'o/s	23'o/s	22'o/s	22'o/s	22'o/s	22'o/s
48"	86"	94"	100"	99"	117"	104"	99"	65"	48"
Beg Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	End Bore



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor:

Inspector: Jeb Sinclair

Williams

Williams Construc[illegible] As-Built Documentation

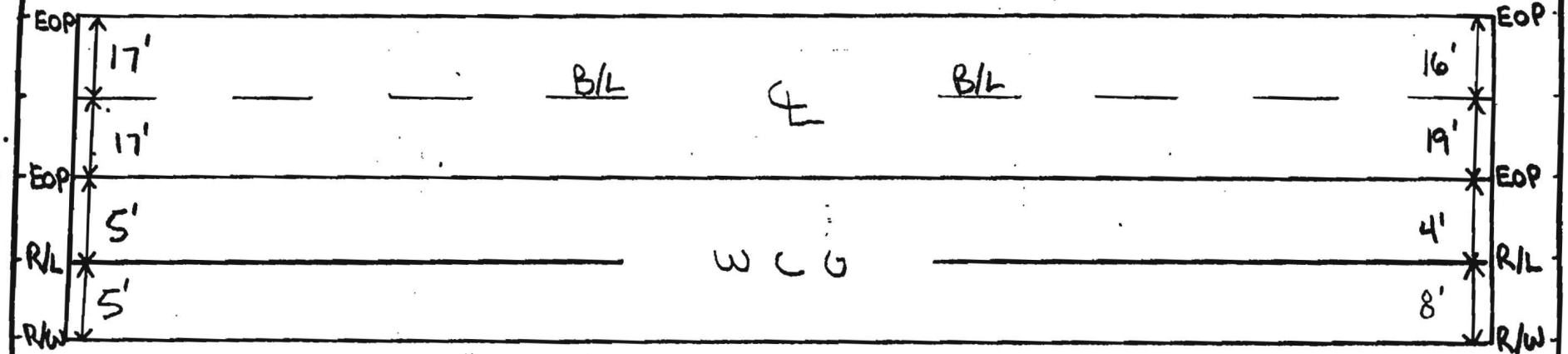
Spread Location: [illegible]nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Page No. 1 [illegible]
Drawing #: Socs-230, 231-4

From: Point Arena

N

To: Sacramento



1370+60 22'0/s 48" Begin Bore

1371+20 22'0/s 72" Bore

1371+80 23'0/s 84" Bore

1371+99 Matchline

1372+40 23'0/s 82" Bore

1373+00 23'0/s 97" Bore

1373+60 21'0/s 90" Bore

1374+20 22'0/s 81" Bore

1374+80 22'0/s 79" Bore

1375+00 22'0/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Contractor: TIDwell

Duct Configuration:

Inspector: Jebsimcraugh

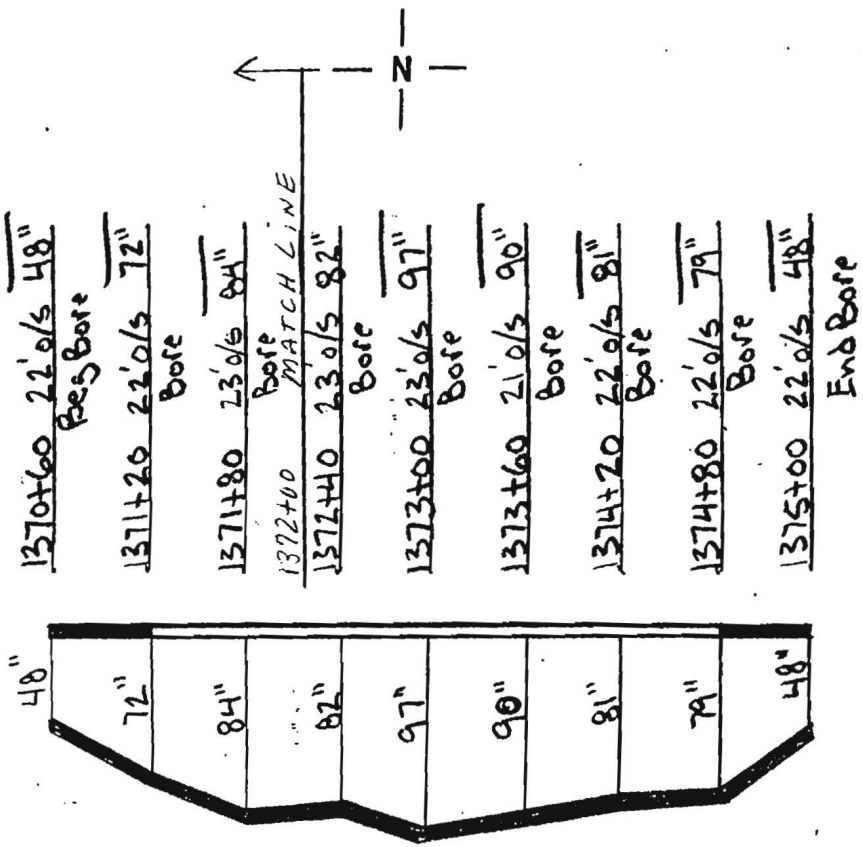
Williams Construct[illegible] As-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 11-11-
Page No. 2 [illegible]
Drawing #: Sacr-230,231- 4

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue
1 - ¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sinclair

COUNTY OF SONOMA

FIBER STATIONING

1372+24 36' LT. DRIVEWAY
1372+63 GAS LINE
1373+33 41' LT. UTIL. POLE
1373+47 4' RT. HEADWALL
1373+47 7' RT. CULVERT
1373+50 4' RT. CULVERT
1373+51 4' RT. HEADWALL
1373+51 5' RT. CULVERT
1373+51 7' RT. HEADWALL
1373+67 50' LT. CULVERT
1374+59 1' RT. CULVERT
1375+05 ALL OUT SPLICE #1
1375+17 CULVERT
1375+27 46' LT. UTIL. POLE
1375+52 53' LT. DRIVEWAY
1375+57 CULVERT
1375+63 50' LT. CULVERT
1375+82 1' RT. UTIL. POLE
1376+31 45' LT. UTIL. POLE
1376+68 CULVERT
1377+48 FIBER MARKER #3
1377+09 2' LT. CULVERT
1377+27 UTIL. POLE
1377+46 38' RT. UTIL. POLE
1377+55 47' LT. UTIL. POLE
1377+58 40' LT. WATER VALVE
1377+58 40' LT. WATER VALVE
1377+63 FORNSCHLAG LN
1378+82 4' RT. UTIL. POLE
1379+25 45' LT. TELE. POLE
1379+61 38' LT. DRIVEWAY
1379+92 37' LT. GAS LINE
1379+95 ALL OUT SPLICE #2
1380+21 11' RT. FENCE CORNER
1380+27 1' RT. CULVERT
1380+50 10' RT. FENCE CORNER
1380+51 8' RT. WATER METER
1380+52 11' RT. WATER METER
1380+55 1' RT. CULVERT
1380+67 35' LT. DRIVEWAY
1380+73 4' RT. UTIL. POLE
1380+81 43' LT. TELE. POLE
1381+03 44' LT. WATER METER
1381+14 35' LT. DRIVEWAY
1381+25 45' LT. FENCE CORNER
1381+56 GAS LINE
1381+60 10' RT. FENCE CORNER
1381+60 10' RT. FENCE CORNER
1381+60 35' LT. GAS LINE
1381+66 END SPOOL
1381+77 47' LT. FENCE CORNER
1382+25 BROWN SPOOL
1382+43 GAS LINE
1382+51 CULVERT
1382+51 10' RT. FENCE CORNER
1382+68 8' RT. WATER METER
1382+70 3' RT. UTIL. POLE
1382+83 48' LT. FENCE CORNER
1382+86 11' RT. FENCE CORNER
1382+92 36' LT. DRIVEWAY
1382+94 1' RT. CULVERT
1383+15 37' LT. GAS LINE
1383+23 46' LT. TELE. POLE
1383+35 37' LT. DRIVEWAY
1383+46 GAS LINE
1383+84 37' LT. GAS LINE

ROAD STATIONING

POINT ARENA ← SONOMA COUNTY CALIFORNIA → SACRAMENTO

#1 #3 #2

MATCH LINE 1371+99
SHT. 230-SPRD 4 1372+00

ASPHALT DRIVE
22'DIS 48"
ASPHALT DRIVE
RIGHT-OF-WAY BY OCCUPATION
WILLIAMS FIBER ROUTE
CP 130
GRAVEL DRIVE
23'DIS 48"
ASPHALT DRIVE
ASPHALT DRIVE
ASPHALT DRIVE
ASPHALT DRIVE
N
PETALUMA HILL ROAD
Centerline of pavement
1373+00 1374+00 1375+00 1376+00 1377+00 1378+00 1379+00 1380+00 1381+00 1382+00 1383+00 1384+00
12' 3' 3' 3' 3' 9' 7'
CP 131
ASPHALT DRIVE
17"
FORNSCHLAG LANE
CP 129
RIGHT-OF-WAY BY OCCUPATION
BEG TRENCH
END TRENCH
GRAVEL DRIVE
ASPHALT DRIVE
ASPHALT DRIVE
14' 14'
SHT. 232-SPRD 4 1384+00
MATCH LINE

1372+00																			1384+00
23'DIS 62"	23'DIS 97"	21'DIS 90"	22'DIS 81"	22'DIS 79"	23'DIS 63"	23'DIS 63"	24'DIS 98"	24'DIS 112"	25'DIS 99"	24'DIS 111"	24'DIS 102"	24'DIS 83"	24'DIS 77"	23'DIS 62"	22'DIS 114"	23'DIS 172"	21'DIS 171"	21'DIS 161"	22'DIS 193"	21'DIS 101"	
1372+40	1373+00	1373+60	1374+20	1374+80	1375+05 BEG FIBER / FIELD DOME 1375+20		1375+57 CULVERT	1375+80	1376+40	1377+00	1377+60	1378+20	1378+80	1379+40	1379+90 BEG FIBER 1379+95	1380+10	1380+70	1381+30	1381+90	1382+50	1383+10	1383+70	

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH
REEL # N/A
N/A
1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)
1-1.25" HDPE BLACK, 1-1.5" HDPE ORANGE, 1-1.5" HDPE BLUE

1372+00	1372+53	1372+75	1373+44	1373+62	1375+05	1375+50	1375+68	1375+97	1376+18	1377+37	1377+87	1378+90	1379+90	1379+95	1381+44	1381+68	1382+31	1382+31	1382+56	1383+37
53'	22'	69'	18'	57'	45'	18'	29'	21'	119'	56'	103'	5'								
1@1	1@1 & 3.2	1@1	1@1 & 3.2	1@1	1@1	1@1 & 3.2	1@1	1@1 & 3.2	1@1	1@1 & 3.2	1@1	1@1 & 3.2	TRENCH	1@1	1@1 & 3.2	1@1	1@1 & 3.2	1@1 & 3.2	1@1	
2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	1-1.25" HDPE	1-1.25" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	1-1.25" HDPE	2-1.5" HDPE
1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.5" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE
JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH	J SINCRAUGH	J SINCRAUGH	J SINCRAUGH	J SINCRAUGH	J SINCRAUGH	J SINCRAUGH	J SINCRAUGH	J SINCRAUGH	J SINCRAUGH	J SINCRAUGH	J SINCRAUGH	J SINCRAUGH	J SINCRAUGH	J SINCRAUGH	J SINCRAUGH	J SINCRAUGH	J SINCRAUGH
12.22.00	12.22.00	12.22.00	12.22.00	12.22.00	12.19.00	12.19.00	12.19.00	12.19.00	12.19.00	12.19.00	12.19.00	12.19.00	12.31.00	12.21.00	12.21.00	12.21.00	12.21.00	12.21.00	12.21.00	12.21.00
TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL
							65A TRACER JER 6-15-01 IN BLACK	WIRE SINCRAVEN 1.25" HDPE								1383+37 1383+62 25' 1@1 & 3.2 2-1.5" HDPE 1-1.25" HDPE J SINCRAUGH 12.21.00 TIDWELL	1383+62 1384+00 38' 1@1 2-1.5" HDPE 1-1.25" HDPE J SINCRAUGH 12.21.00 TIDWELL	

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/15

CABLE FIBER COUNT MFR. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

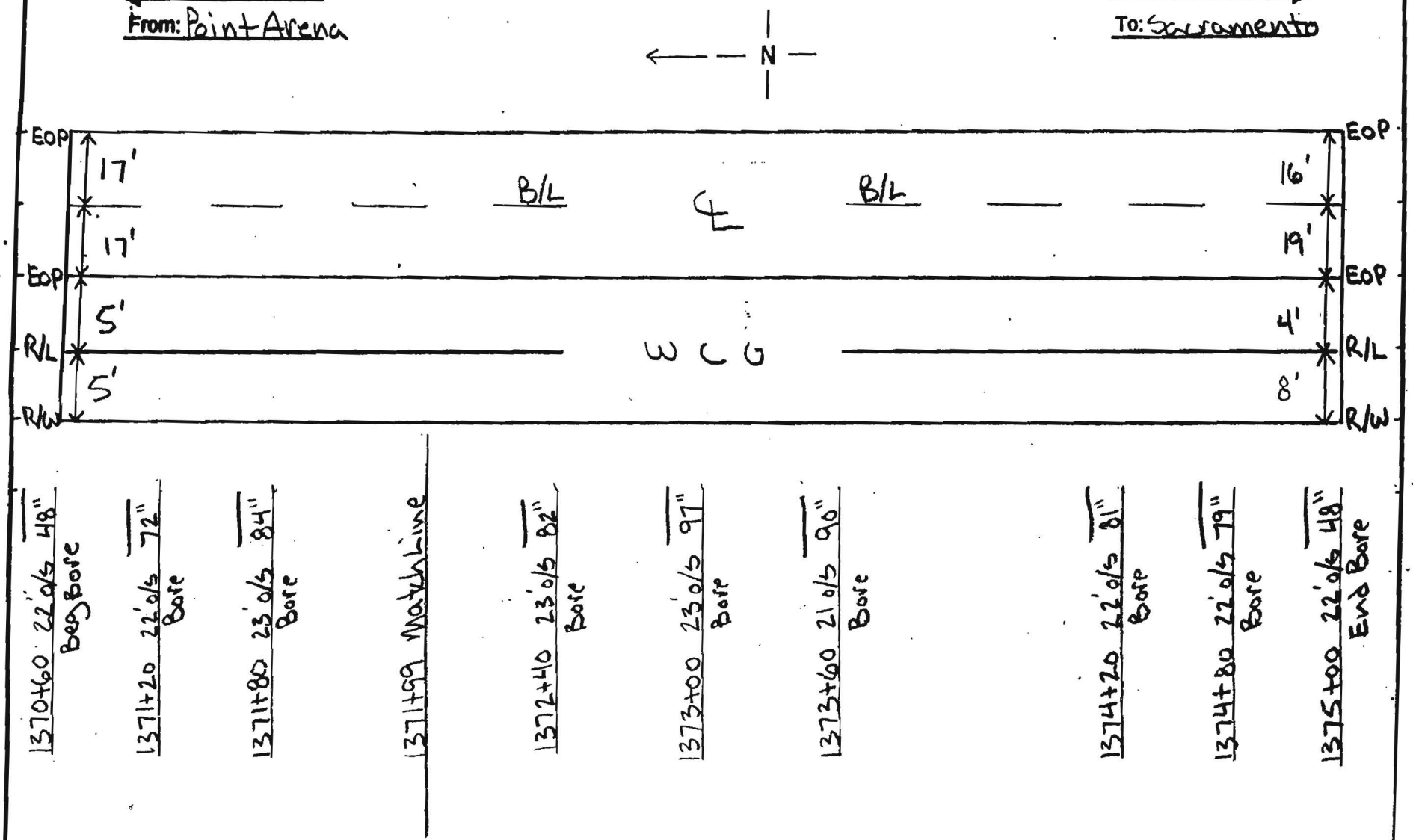
DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-231-SPRD 4

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Page No. 1 of 2
Drawing #: Sacr-230, 231-4

From: Point Arena
To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

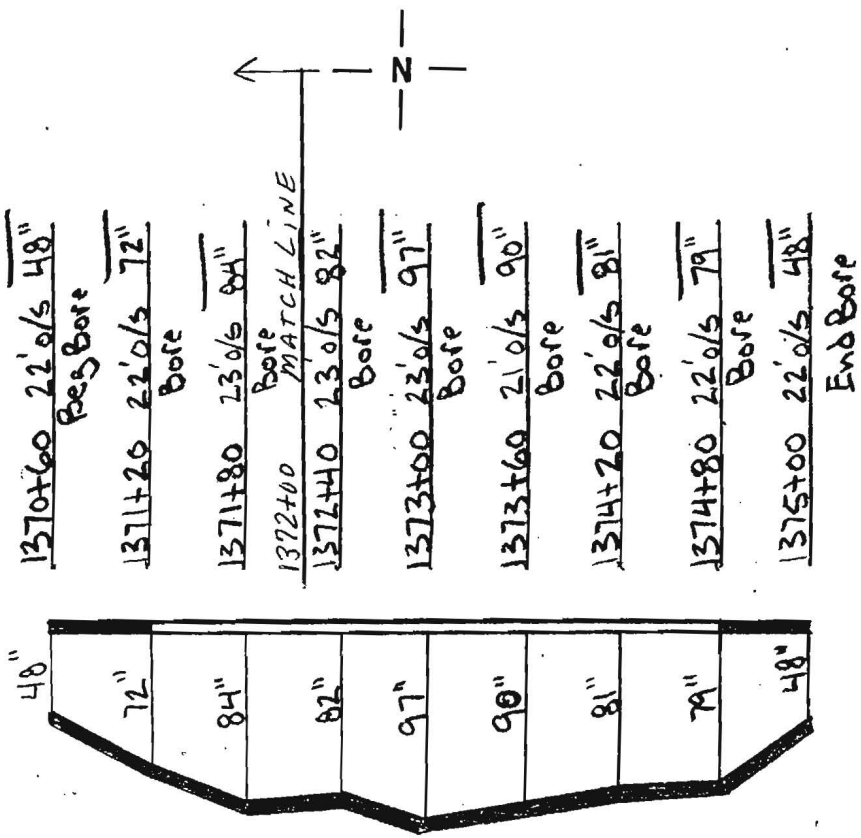
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 11-4-00
Page No. 2
Drawing #: Sacr-230,231-4

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sinclaugh

Williams

Williams Construction As-Built Documentation

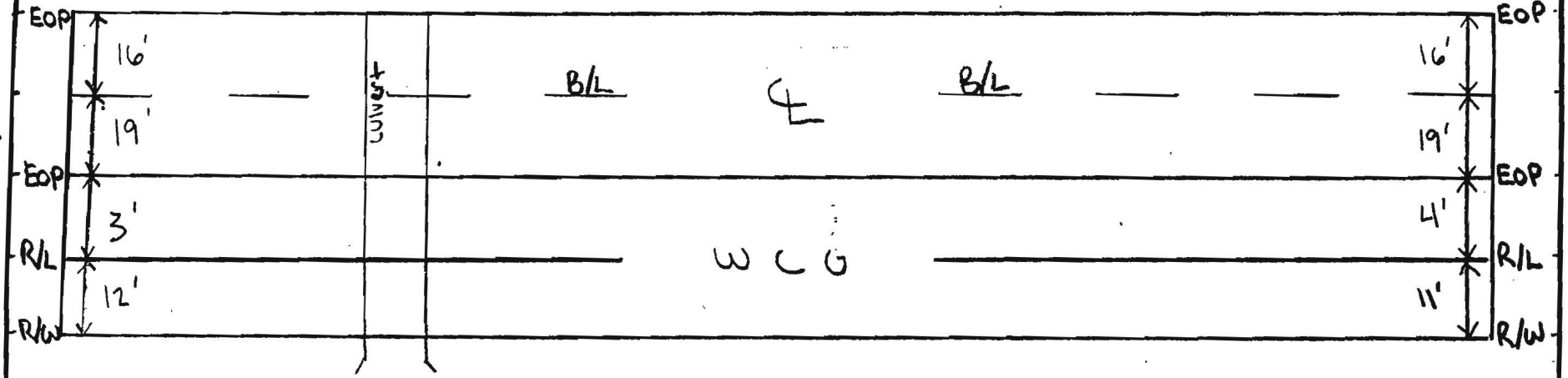
Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 11
Page No. 1
Drawing #: Socr-231-4

From: Point Arena

N

To: Sacramento



1375+05 22'0/s 48" Beg Bore

1375+20 23'0/s 63" Bore

1375+57 12" @ 12" @ 92" Culvert

1375+80 24'0/s 98" Bore

1376+40 24'0/s 112" Bore

1377+00 25'0/s 99" Bore

1377+60 24'0/s 111" Bore

1378+20 24'0/s 102" Bore

1378+80 24'0/s 83" Bore

1379+40 24'0/s 77" Bore

1379+90 23'0/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jebs Ingraugh

Williams

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

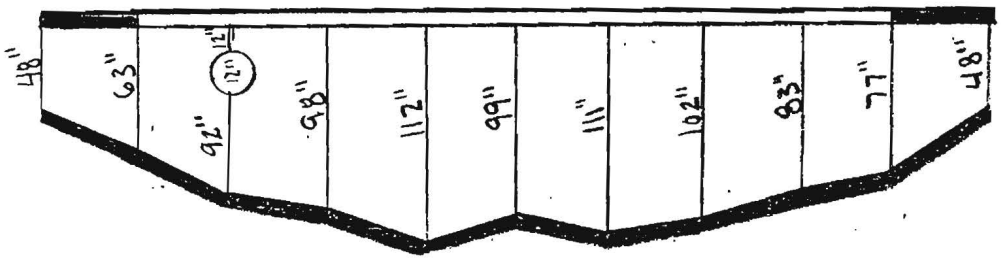
Date: 12-[illegible]
Page No. 2
Drawing #:
Sour-231-4

From: Point Arena

N

To: Sacramento

1375+05	1375+20	1375+57	1375+80	1376+40	1377+00	1377+60	1378+20	1378+80	1379+40	1379+90
22'o/s	23'o/s	12" Ø (12")	24'o/s	24'o/s	25'o/s	24'o/s	24'o/s	24'o/s	24'o/s	23'o/s
48"	63"	92"	98"	112"	99"	111"	102"	83"	77"	48"
Beg Bore	Bore	Culvert Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	End Bore



Notes:	County:	Contractor:
2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Seb Sinclaugh

Williams

Williams Construction As-Built Documentation

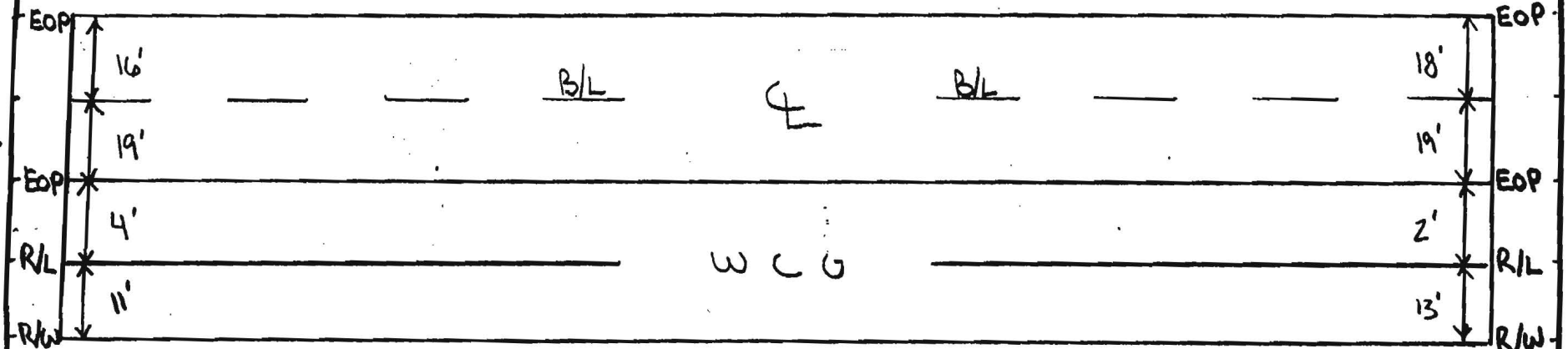
Spread Location: Santa Rosa
Spread No. SouthHB
AFE No. 4875
Contract No. 99P154.16

Page No. 1
Drawing #: SoCS-231, 232-4

From: Point Arena

N

To: Sacramento



1379+95 23'o/s 48" Beg Bore

1380+10 23'o/s 60" Bore

1380+70 22'o/s 118" Bore

1381+30 23'o/s 172" Bore

1381+90 21'o/s 171" Bore

1382+50 21'o/s 161" Bore

1383+10 22'o/s 143" Bore

1383+70 21'o/s 101" Bore

1384+00 Matchline

1384+30 21'o/s 76" Bore

1384+55 21'o/s 48" End Bore

Notes: 2-1½ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: JebSincraugh

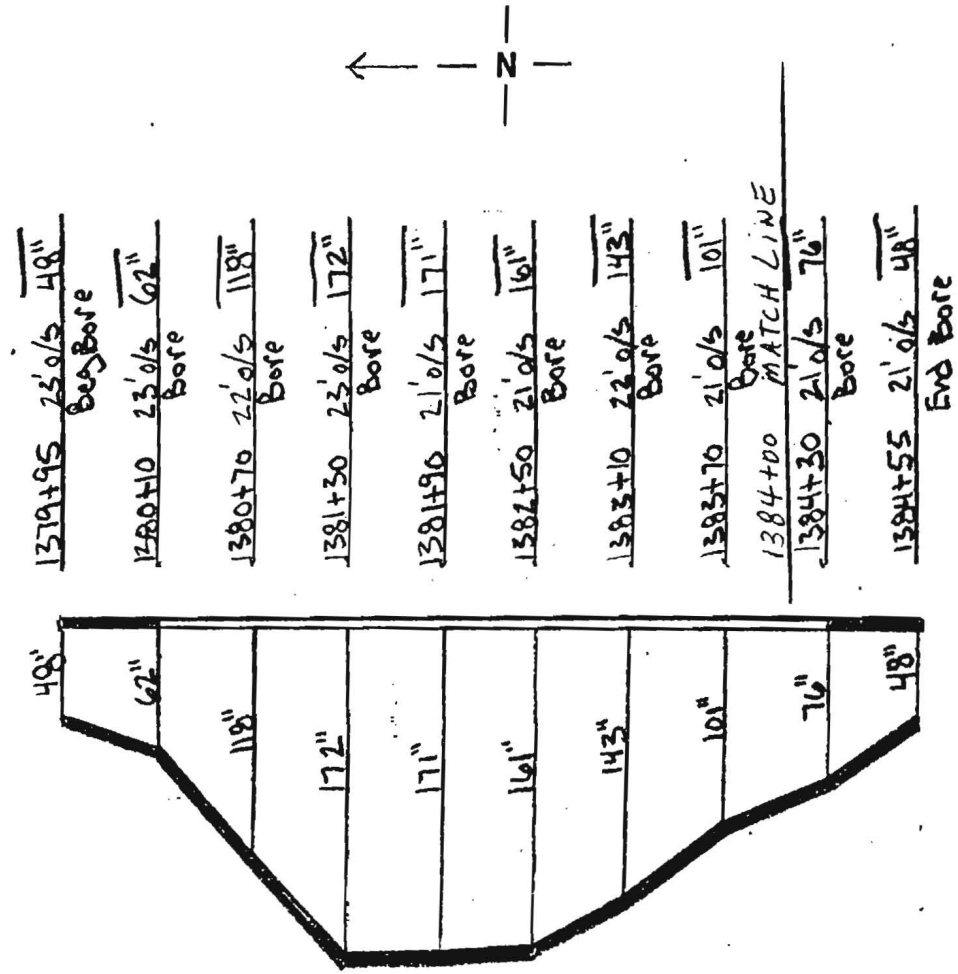
Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]ntaRosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 12 [illegible]
Page No. 2
Drawing #: Sacr-231, 232-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1383+99 46' LT. WATER METER
1384+28 45' LT. TELE. POLE
1384+28 47' LT. FENCE CORNER
#1 13384+60 ALL DUCT SPLICE
#4 13384+59 FIBER MARKER
1385+43 47' LT. CULVERT
1385+65 49' LT. TELE. POLE
1385+82 37' LT. GAS LINE
1385+88 BEGIN STEEL
1385+98 GAS LINE
1386+09 52' LT. CULVERT
1386+21 6' RT. UTIL. POLE
1386+22 99' LT. UTIL. POLE
1386+24 END STEEL
1386+31 51' LT. WATER VALVE
1386+40 RT. FENCE CORNER
1386+40 38' LT. GAS LINE
1386+48 4' RT. CULVERT
1386+49 BEGIN STEEL
1386+53 66' LT. CULVERT
1386+56 10' RT. CULVERT
1386+57 4' RT. CULVERT
1386+59 GAS LINE
1386+67 44' LT. WATER VALVE
1386+69 END STEEL
1386+76 9' RT. CULVERT
1386+93 41' LT. WATER VALVE
1387+03 43' LT. FIRE HYDRANT
1387+17 11' RT. FENCE CORNER
1387+44 BEGIN STEEL
1387+54 GAS LINE
1387+58 35' LT. GAS LINE
1387+61 46' LT. FENCE CORNER
1387+64 END STEEL
1387+67 DRIVEWAY
1387+77 47' LT. FENCE CORNER
1387+78 2' RT. CULVERT
1387+80 44' LT. TELE. POLE
1387+90 8' RT. WATER METER
1387+95 10' RT. FENCE METER
1388+00 45' LT. WATER METER
1388+21 48' LT. FENCE CORNER
1388+23 3' RT. UTIL. POLE
1388+40 35' LT. DRIVEWAY
1388+42 35' LT. GAS LINE
1388+49 35' LT. HANDHOLE
1388+54 48' LT. FENCE CORNER
1388+54 48' LT. FENCE CORNER
1388+75 CULVERT
1388+90 45' LT. WATER METER
1389+01 48' LT. FENCE CORNER
1389+03 53' LT. FENCE CORNER
1389+05 44' RT. TELE. POLE
1389+06 4' RT. TELEPHONE UNI
1389+07 35' LT. FENCE CORNER
1389+27 35' LT. DRIVEWAY
1389+27 43' LT. DRIVEWAY
1390+06 35' LT. DRIVEWAY
1390+14 4' RT. UTIL. POLE
1390+27 38' LT. WATER VALVE
1390+27 43' LT. FIRE HYDRANT
1390+33 35' LT. GAS LINE
1390+58 45' LT. WATER METER
1390+62 44' LT. TELE. POLE
1390+64 35' LT. GAS LINE
1390+75 35' LT. DRIVEWAY
1390+88 47' LT. FENCE CORNER
1391+26 46' LT. WATER METER
1391+48 CULVERT
1391+50 15' RT. FENCE CORNER
1391+50 BEGIN STEEL
1391+64 GAS LINE
1391+74 END STEEL
1391+78 46' LT. FENCE CORNER
1391+83 1' RT. CULVERT
1391+87 35' LT. DRIVEWAY
1391+97 45' LT. TELE. POLE
1392+05 7' RT. UTIL. POLE
1392+05 45' LT. WATER METER
1392+05 45' LT. WATER METER
1392+53 35' LT. DRIVEWAY
1392+79 38' LT. GAS LINE
1393+29 12' RT. FENCE CORNER
1393+51 44' LT. UTIL. POLE
1393+53 42' LT. WATER VALVE
1393+57 46' LT. WATER METER
1393+58 48' LT. FENCE CORNER
1393+72 5' RT. UTIL. POLE
1393+75 35' LT. DRIVEWAY
1394+06 46' LT. WATER METER
1394+27 35' LT. GAS LINE
1394+30 3' RT. CULVERT
1394+58 32' LT. DRIVEWAY
1394+62 BEGIN STEEL
1394+62 12' RT. CULVERT
1394+73 GAS LINE
1394+83 END STEEL
1394+91 48' LT. ELEC. PEDESTAL
1394+91 45' LT. WATER METER
1395+00 BEGIN STEEL
1395+01 44' LT. UTIL. POLE
1395+07 36' LT. WATER VALVE
1395+10 SEWER LINE
1395+13 38' LT. WATER VALVE
1395+20 END STEEL
1395+23 3' RT. TRAFFIC SIG.
1395+23 32' LT. GAS LINE
1395+25 5' RT. TRAFFIC SIG.
1395+27 8' RT. UTIL. POLE
1395+37 33' LT. DRIVEWAY
1395+52 CULVERT
1395+62 BEGIN STEEL
1395+72 GAS LINE
1395+82 END STEEL
1395+86 CULVERT
1395+87 10' RT. WATER METER
1396+28 BEGIN STEEL
#2 13891+70 ALL DUCT SPLICE
#3 13924+02 FIBER MARKER
#5

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY CALIFORNIA

SACRAMENTO →

#1 #2 #3 #5

MATCH LINE SHT. 231-SPRD 4 1384+00

MATCH LINE SHT. 233-SPRD 4 1396+00

PETALUMA HILL ROAD

DUTCH LANE

RIGHT-OF-WAY BY OCCUPATION

GRAVEL DRIVE

ASPHALT DRIVE

ASPHALT

ASPHALT DRIVE N

Centerline of pavement

WILLIAMS LEASE ROUTE

RIGHT-OF-WAY BY OCCUPATION

BEG TRENCH

END TRENCH

1384+00 | 1384+30 | 1384+55 | 1384+70 | 1385+70 | 1386+70 | 1387+10 | 1387+70 | 1388+30 | 1388+90 | 1389+50 | 1389+80 | 1390+40 | 1391+00 | 1391+60 | 1392+20 | 1392+80 | 1393+00 | 1393+80 | 1394+10 | 1395+00 | 1395+10 | 1395+60 | 1396+00

21'DIS 76" | 21'DIS 80" | 21'DIS 80" | 21'DIS 85" | 22'DIS 87" | 22'DIS 95" | 22'DIS 97" | 22'DIS 87" | 22'DIS 95" | 22'DIS 95" | 22'DIS 93" | 21'DIS 85" | 21'DIS 72" | 21'DIS 55" | 22'DIS 165" | 20'DIS 138" | 20'DIS 190" | 19'DIS 190"

BEG TRENCH | END TRENCH | END FIBER | BEG FIBER | END FIBER | BEG FIBER

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" BLACK HDPE, 1-1.5" BLUE HDPE, 1-1.5" ORANGE HDPE

1384+00	1384+70	1385+87	1386+75	1386+50	1386+71	1388+65	1389+20	1389+50	1391+75	1393+00	1393+20	1393+62	1394+62	1394+84	1395+00	1395+21	1395+62	1395+80	1396+00				
55'	117'	58'	25'	21'		15'		170'	25'	125'	20'	192'	22'	16'	21'	41'	18'	20'					
1.11	1.11	LH €3.21	1.11	1.11 €3.21		TRENCH		1.11	1.11 €3.21	1.11	TRENCH	1.11	1.11 €3.21	1.11	1.11 €3.21	1.11 €3.21	1.11 €3.21	1.11					
2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE		2-1.5" HDPE		2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE					
1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE		1-1.25" HDPE		1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE					
J.SINCRAUGH	J.SINCRAUGH	J.SINCRAUGH	J.SINCRAUGH	J.SINCRAUGH		J.SINCRAUGH		J.SINCRAUGH	J.SINCRAUGH	J.SINCRAUGH	J.SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH					
12.21.00	12.18.00	12.18.00	12.18.00	12.18.00		12-18-00		12.16.00	12.16.00	12.16.00	12.20.00	12.20.00	12.20.00	12.20.00	12.20.00	12.20.00	12.20.00	12.20.00					
TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL		TIDWELL		TIDWELL	TIDWELL	TIDWELL	TIDWELL	MGE	MGE	MGE	MGE	MGE	MGE	MGE					
1384+55		1386+71	1387+44	1387+65																			
1384+70		1387+44	1387+65	1389+65																			
15'		73'	21'	200'																			
2-1.5" HDPE		1.11	1.11 €5.21	1.11																			
1-1.25 HDPE		2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE																			
12-21-00		1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE																			
J.SINCRAUGH		J.SINCRAUGH	J.SINCRAUGH	J.SINCRAUGH																			
		12.18.00	12.18.00	12.18.00																			
		TIDWELL	TIDWELL	TIDWELL																			

NOTE: 1395+00 TO 1396+00 180' 3.21 PD B4 JR SMITS 2.13.01 TIDWELL

66A TRACER WIRE IN BLACK 1.25" HDPE

JEB SINCRAUGH 12-15-00

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line end/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

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1-888-945-2255

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION

CABLE FIBER COUNT MFG. TYPE OF GLASS

CABLE REEL NO.

SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT

INNERDUCT & TYPE (COLOR/SMOOTH/COLOR)

STEEL PIPE SIZE

PVC

FUTURE UNIT PLACE

FUTURE-2

FUTURE-3

FUTURE-4

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	

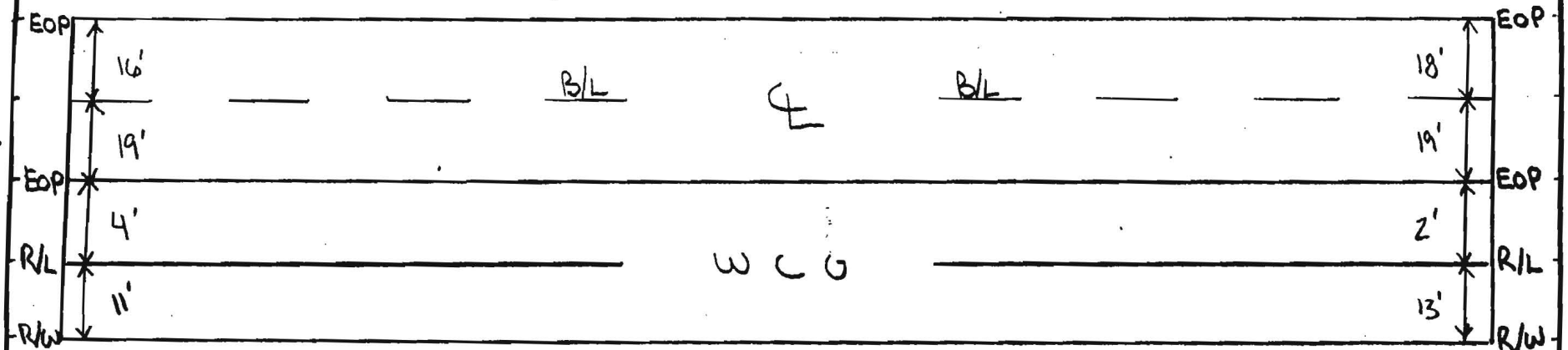
DRAWING NUMBER : SACR-232-SPRD 4

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Page No. 1 of 2
Drawing #: SoCal-231, 232-4

From: Point Arena ← N → To: Sacramento



1379+95 23'o/s 48" Beg Bore

1380+10 23'o/s 62" Bore

1380+70 22'o/s 118" Bore

1381+30 23'o/s 172" Bore

1381+90 21'o/s 171" Bore

1382+50 21'o/s 161" Bore

1383+10 22'o/s 143" Bore

1383+70 21'o/s 101" Bore

1384+00 Mainline

1384+30 21'o/s 76" Bore

1384+55 21'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jebsimcraugh

Williams

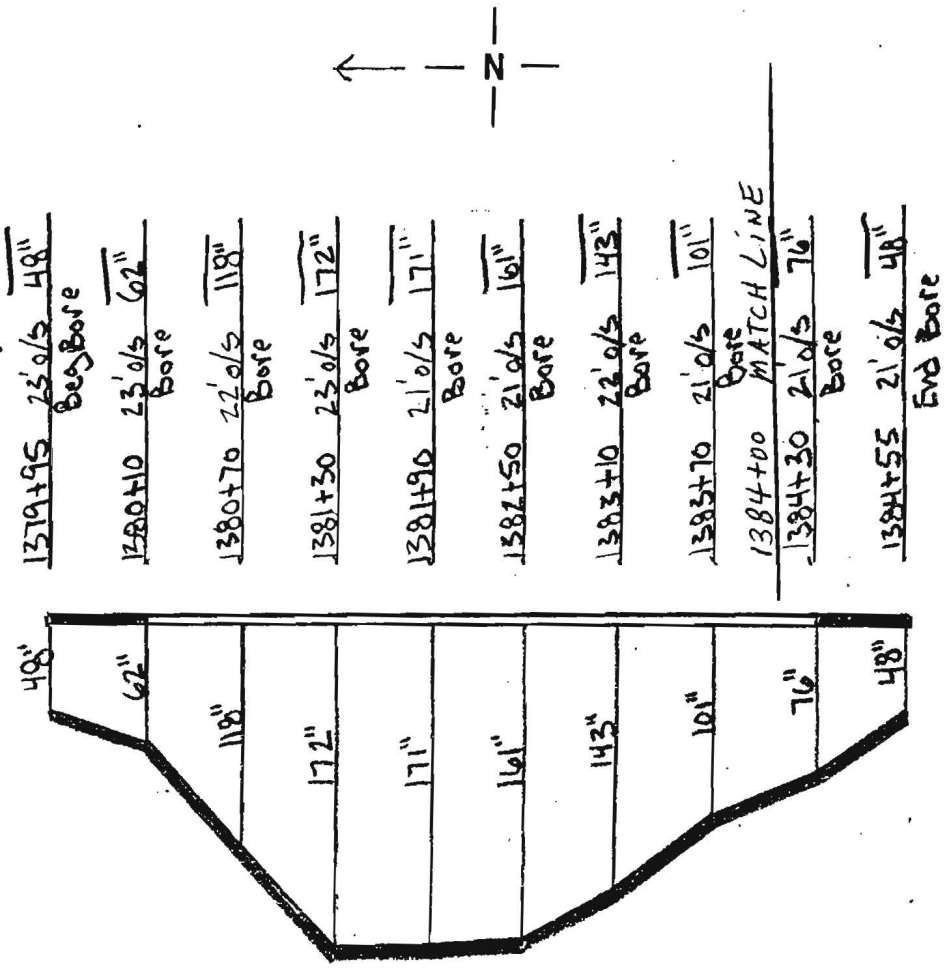
Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]ntaRosa
Spread No. SouthAB
AFE No. 4875
Contract No. 99P154.16

Date: 12 4
Page No. 2 [illegible]
Drawing #:
Socr-231, 232-4

From: Point Arena

To: Sacramento



Notes: 2-1½ HDPE Orange, Blue 1-¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Seb Sinclair

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-[illegible]
Page No. 1
Drawing #: SacR-232-4

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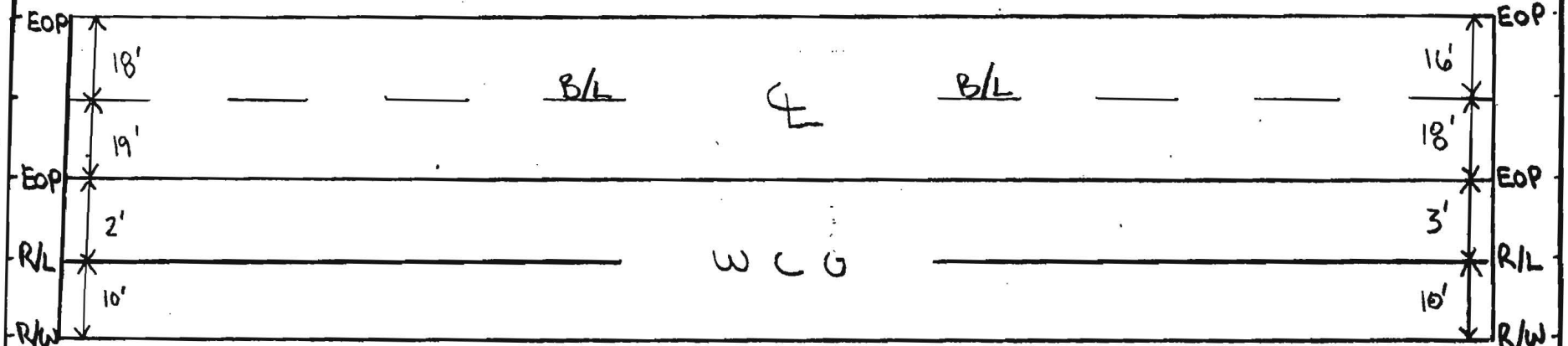
To: Sacramento



1384+70 21'0/s 48" Beg Bore

1385+30 21'0/s 90" Bore

1385+90 21'0/s 86" Bore

1386+50 20'0/s 80" Bore

1387+10 20'0/s 86" Bore

1387+70 22'0/s 87" Bore

1388+30 22'0/s 92" Bore

1388+90 22'0/s 95" Bore

1389+50 22'0/s 87" Bore

1389+65 21'0/s 48" End Bore

Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	County: Sonoma	Contractor: J. Dwell
	Duct Configuration:	Inspector: Jeb Sincraugh

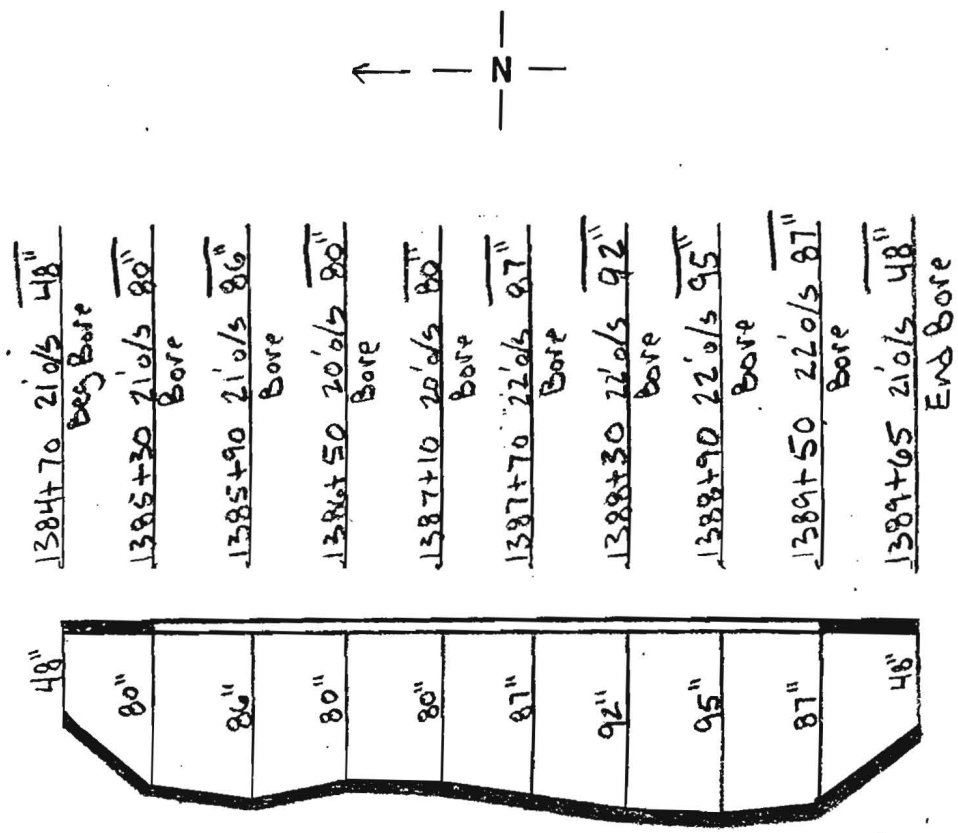
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date:
Page No. 2 of
Drawing #: Sacr-232-4

From: Point Arena

To: Sacramento



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construction As-Built Documentation

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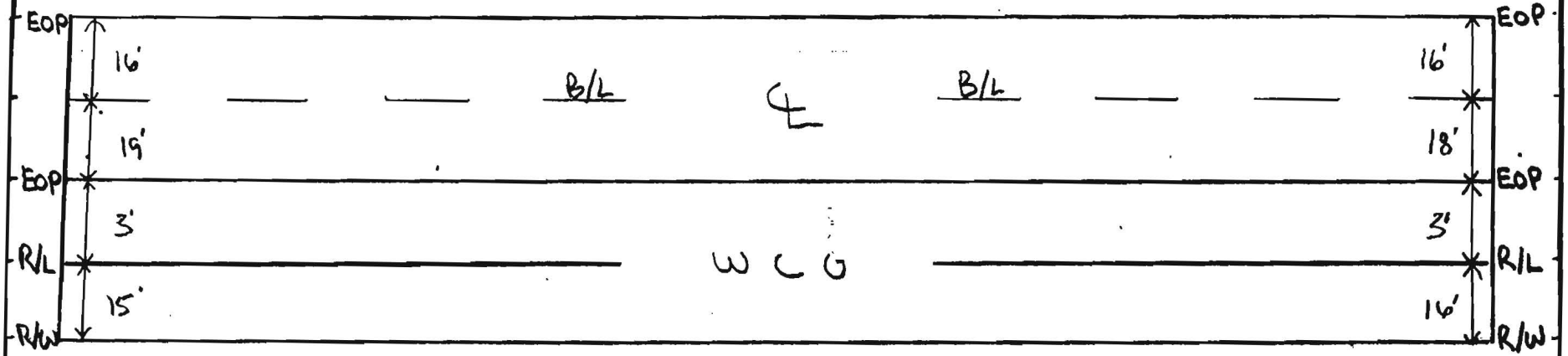

1389+80 22'o/s 48" Beg Bore

1390+40 22'o/s 95" Bore

1391+00 22'o/s 95" Bore

1391+60 22'o/s 93" Bore

1392+20 21'o/s 85" Bore

1392+50 21'o/s 72" Bore

1392+80 21'o/s 55" Bore

1393+00 22'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: JebSinclough

Williams Construct As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-16
Page No. 2 of
Drawing #: Salr-232-4

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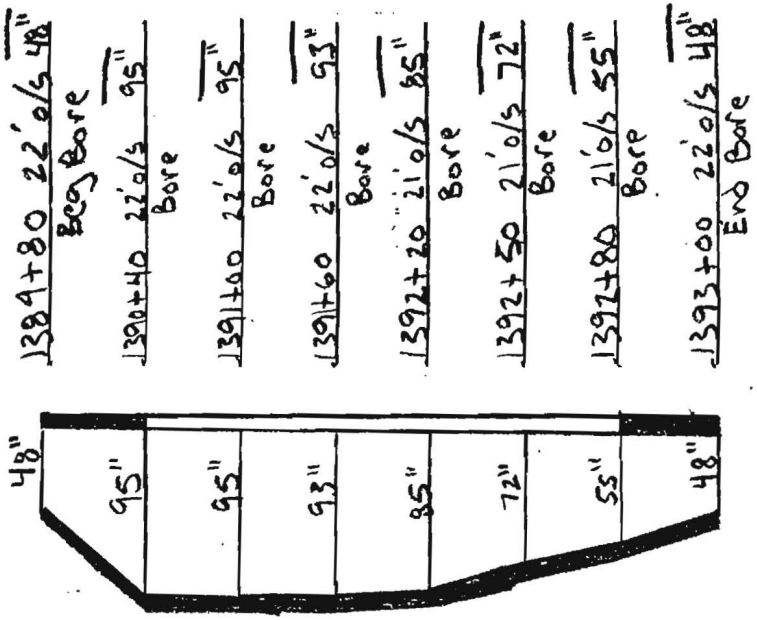

Notes: 2-1½ HDPE Orange, Blue
1-¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sinclaugh

Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-[illegible]
Page No. 1
Drawing #: Sacs-232, 233

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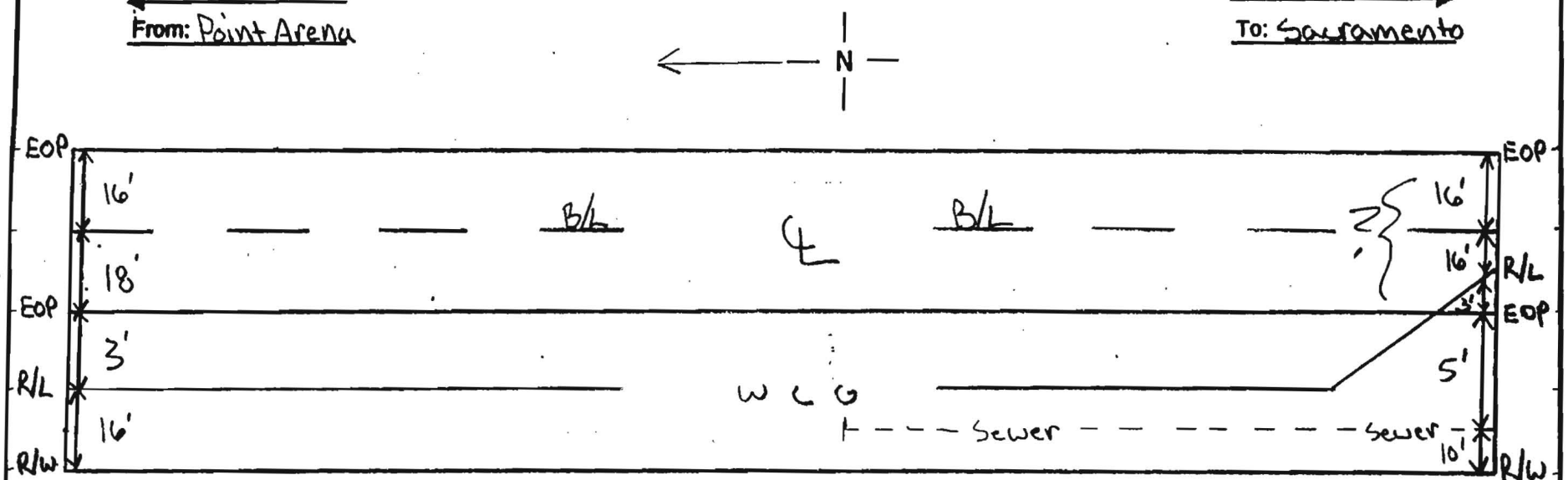

1393+20 22'o/s 48" Beg Bore

1393+80 22'o/s 165" Bore

1394+40 20'o/s 188" Bore

1395+00 20'o/s 190" Bore

1395+60 19'o/s 190" Bore

1396+00 Main Line

1396+20 20'o/s 195" Bore

1396+80 18'o/s 176" Bore

1397+05 Sewer Stubs Bore

1397+40 18'o/s 189" Bore

1398+00 17'o/s 197" Bore

1398+60 16'o/s 148" Bore

1399+20 16'o/s 84" Bore

1399+40 16'o/s 48" End Bore

Notes:	2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell (MGE)
		Duct Configuration:	Inspector: Seb Sincraugh

Williams Construc[illegible] As-Built Documentation

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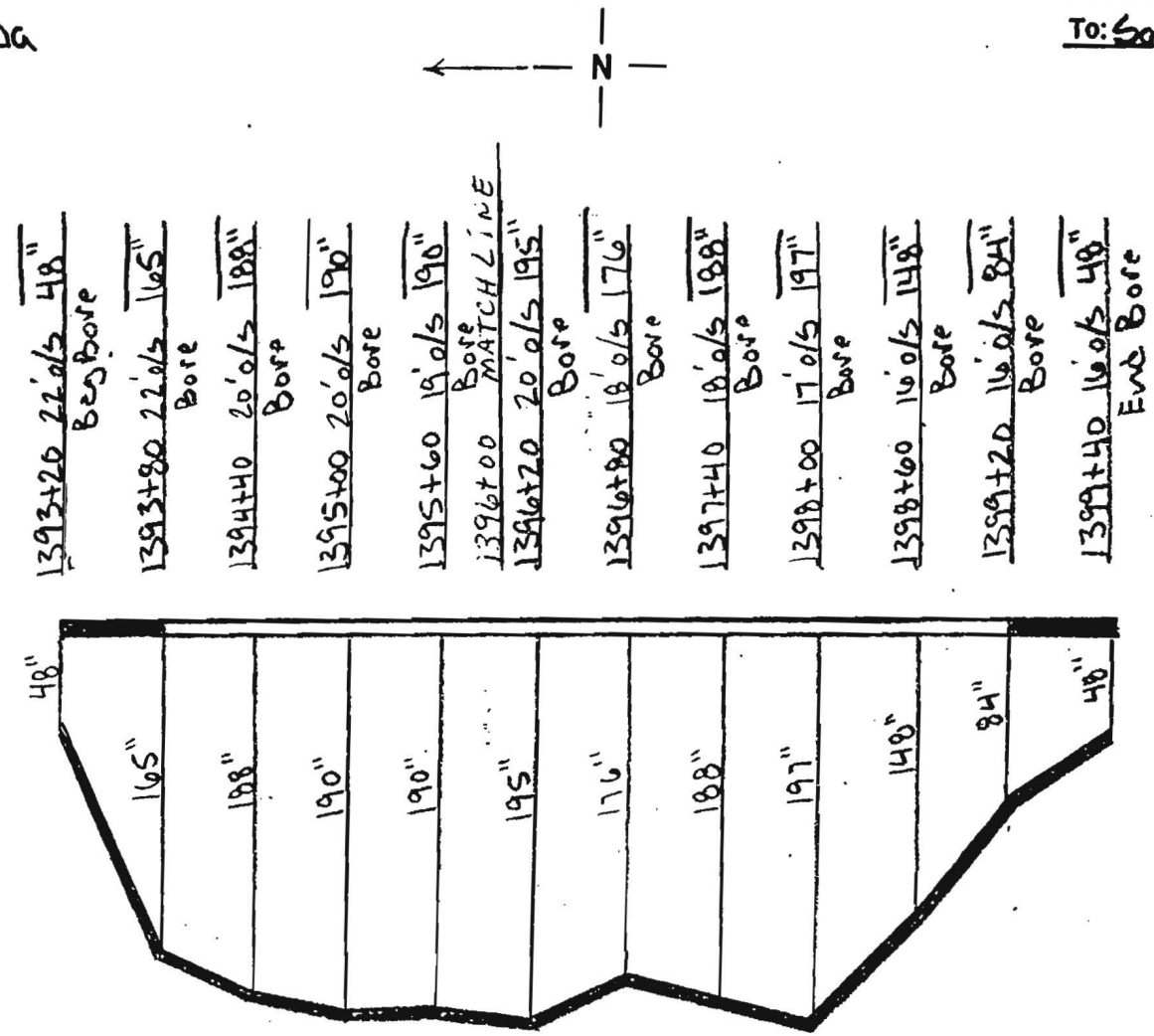
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 16 [illegible]
Page No. 2
Drawing #: Sacr-232,233

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell (MGE)
	Duct Configuration:	Inspector: Jeb Sincraugh

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1399+44 SPLICE ALL
1398+38 BEGIN STEEL
1398+38 GAS LINE
1398+41 43' LT. UTIL POLE
1398+43 10' RT. UTIL POLE
1398+44 34' LT. WATER METER
1398+50 SEWER LINE
1398+51 37' LT. GAS LINE
1398+60 END STEEL
1398+64 SANITARY MH
1397+27 45' LT. WATER METER
1397+31 SEWER LINE
1397+41 END CABLE
1397+80 49' LT. FENCE CORNER
1397+64 51' LT. FENCE CORNER
1397+71 8' RT. UTIL POLE
1397+84 37' LT. DRIVEWAY
1397+99 37' LT. GAS LINE
1398+33 45' LT. UTIL POLE
1398+46 CULVERT
1398+51 11' RT. FENCE CORNER
1398+73 11' RT. FENCE CORNER
1398+80 CULVERT
1399+06 7' RT. UTIL POLE
1399+08 44' LT. UTIL POLE
1399+29 35' LT. GAS LINE
1399+37 35' LT. DRIVEWAY
1399+58 50' LT. WATER METER
1399+61 68' LT. FENCE CORNER
1399+85 1' LT. SANITARY MH
1399+85 48' LT. FIRE HYDRANT
1399+86 42' LT. WATER VALVE
1399+97 49' LT. CULVERT
1400+20 81' LT. WATER METER
1400+21 BEGIN STEEL
1400+31 END STEEL
1400+39 42' LT. DRIVEWAY
1400+39 UTIL POLE
1400+42 42' LT. CULVERT
1400+47 SEWER LINE
1400+47 END STEEL
1400+57 52' LT. WATER METER
1400+67 52' LT. FENCE CORNER
1400+72 72' LT. FENCE CORNER
1401+20 58' LT. WATER METER
1401+35 FENCE CORNER
1401+37 53' LT. CULVERT
1401+44 6' LT. DRIVEWAY
1401+50 44' LT. GAS LINE
1401+57 44' LT. TRAFFIC SIG.
1401+70 7' LT. TRAFFIC SIG.
1401+78 57' LT. UTIL POLE
1401+83 54' LT. CULVERT
1402+15 10' LT. GAS VALVE
1402+54 2' RT. TRAFFIC SIG.
1402+56 2' RT. UTIL POLE
1402+90 57' LT. FENCE CORNER
1403+43 2' LT. TRAFFIC SIG.
1403+43 60' LT. TRAFFIC SIG.
1403+46 DROP INLET
1403+51 54' LT. FENCE CORNER
1403+55 48' LT. WATER LINE
1403+60 52' LT. TELEPHONE LINE
1403+65 5' RT. TRAFFIC SIG.
1403+67 BEGIN STEEL
1403+68 51' LT. TRAFFIC SIG.
1403+71 53' LT. TRAFFIC SIG.
1403+73 47' LT. WATER VALVE
1403+78 16' RT. TRAFFIC SIG.
1403+90 60' LT. HEADWALL
1403+96 66' LT. HEADWALL
1403+98 78' LT. HEADWALL
1403+97 GAS LINE
1403+97 66' LT. TRAFFIC SIG.
1404+00 78' LT. CULVERT
1404+00 65' LT. FENCE
1404+35 17' RT. TRAFFIC SIG.
1404+38 68' RT. UTIL POLE
1404+38 16' RT. TRAFFIC SIG.
1404+38 81' RT. CULVERT
1404+38 81' RT. TRAFFIC SIG.
1404+46 4' RT. FENCE CORNER
1404+53 85' LT. TRAFFIC SIG.
1404+53 74' LT. DROP INLET
1404+58 62' LT. TRAFFIC SIG.
1404+62 TRAFFIC SIG.
1404+64 58' LT. TRAFFIC SIG.
1404+66 UTIL POLE
1404+77 HANDHOLE
1404+81 12' LT. UTIL POLE
1404+82 16' LT. TRAFFIC SIG.
1404+82 FENCE CORNER
1404+82 32' LT. WATER VALVE
1405+13 43' RT. WATER VALVE
1405+15 19' RT. WATER VALVE
1405+17 43' RT. WATER VALVE
1405+21 TRAFFIC SIG.
1405+21 21' RT. FIRE HYDRANT
1405+21 41' RT. TELE. POLE
1405+21 44' RT. TRAFFIC SIG.
1405+39 TRAFFIC SIG.
1405+44 2' LT. TRAFFIC SIG.
1405+48 7' LT. TRAFFIC SIG.
1405+57 4' LT. DROP INLET
1405+83 27' LT. C/L OLD ADOBE
1405+94 24' LT. SEWER LINE
1406+02 6' LT. END BORE
1406+04 1' RT. UTIL POLE
1406+05 END STEEL
1406+05 1' LT. POWER LINE
1406+14 1' LT. CULVERT
1401+48 MARKER POLE
1401+53 MARKER POLE
1405+90 MARKER POLE

#1 #2 #3 #4

ROAD STATIONING

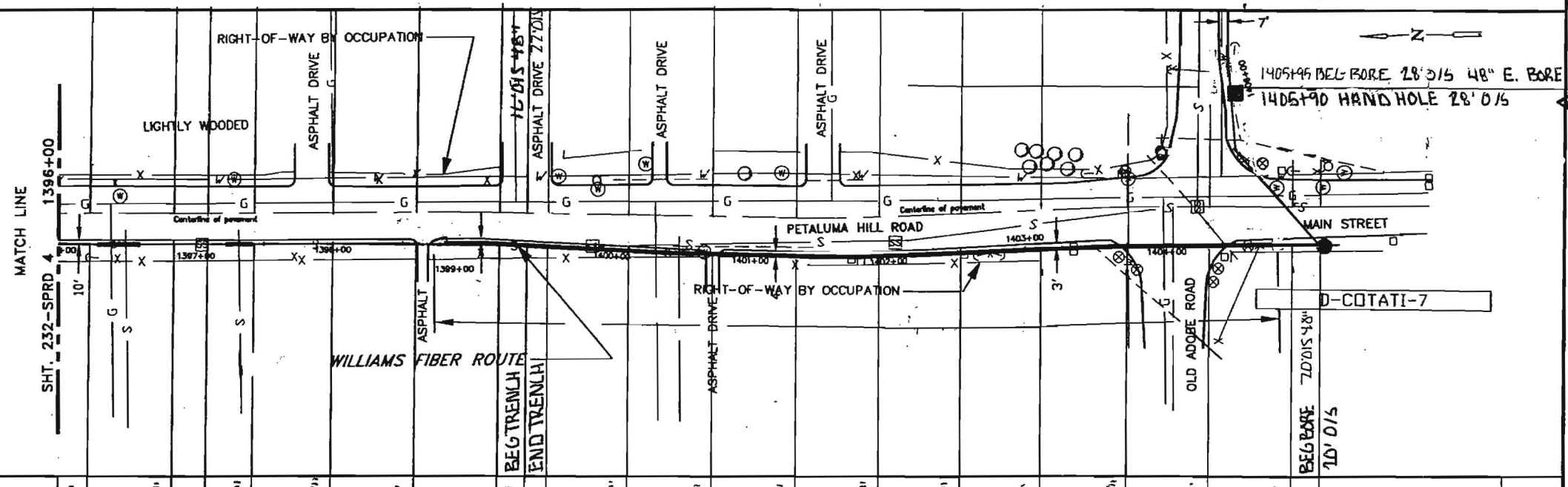
← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

MATCH LINE
SHT. 234-SPRD 4
1406+50

MATCH LINE
SHT. 232-SPRD 4
1396+00



1396+00	1396+80	1397+05	1397+90	1398+00	1398+60	1399+20	1399+40	1399+60	1400+10	1400+70	1401+30	1401+90	1402+50	1403+10	1403+70	1404+30	1404+90	1405+10	1405+15	1406+50
70'DIS 195"	18'DIS 176"	BEG-SEWER	18'DIS 189"	17'DIS 197"	16'DIS 198"	16'DIS 89"	BEG TRENCH / BEG BORE	END TRENCH / BORE	22'DIS 135"	22'DIS 150"	23'DIS 263"	22'DIS 222"	23'DIS 222"	22'DIS 228"	22'DIS 237"	20'DIS 235"	20'DIS 100"	BEG BORE	MAN HOLE	

96 - LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" BLACK HDPE, 1-1.5" BLUE HDPE, 1-1.5" ORANGE HDPE

1396+00 1396+25 25'	1396+25 1396+56 31'	1396+56 1397+18 62'	1397+18 1397+40 22'	1397+40 1398+81 141'	1398+81 1399+40 59'	1399+40 1399+50 10'	1399+50 1405+10 760'	1405+10 1405+95 85'		1405+95 1406+50 55'	
1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.20.00 MGE	1.11 & 3.21 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.20.00 MGE	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.20.00 MGE	1.11 & 3.21 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.20.00 MGE	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.20.00 MGE	1.11 & 3.21 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.20.00 MGE	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.27.00 TIDWELL 6GA TRACERWIRE JEB SINCRAUGH	1.11 & 3.21 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.27.00 MGE IN BLACK 1.25" HDPE 6.13.01	1.11 & 3.21 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH MGE		1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.3.01 TIDWELL	

NOTE
1396+00
1399+50
350'
3.21
PD BY JR SMITS
2.13.01
TIDWELL

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mar.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- Ct. Road
- Ct. RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Act.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS
EMERGENCY NOTIFICATION NUMBER
1-800-582-9069

CAUTION
WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :
1-800-227-2600

DRAWING DISCLAIMER
FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFR. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-233-SPRD 4

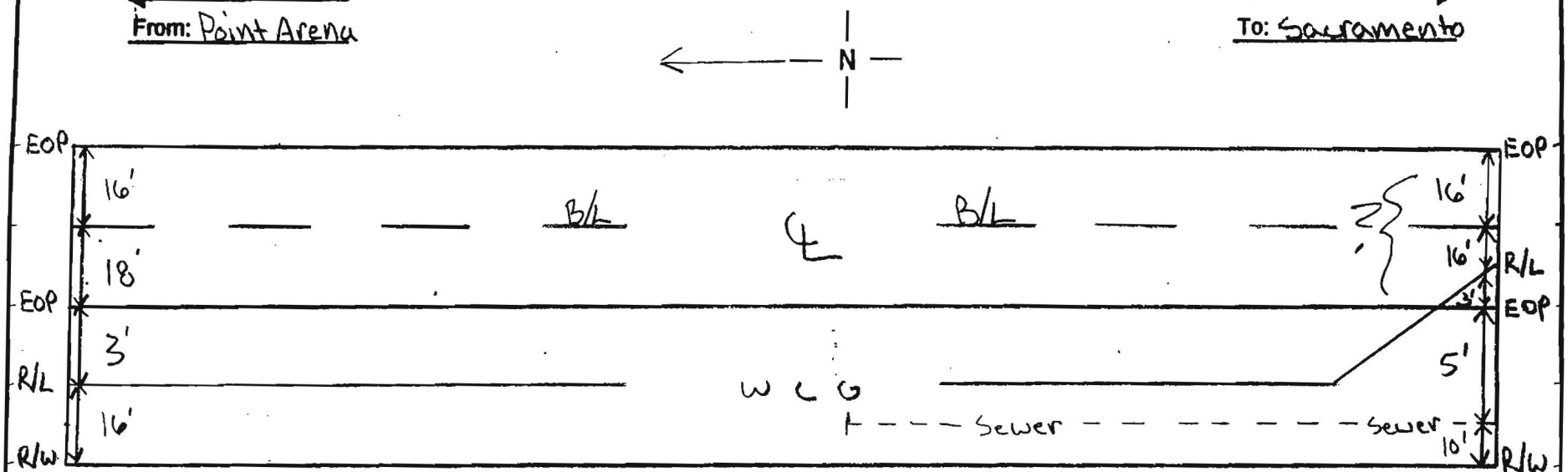
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-2-03
Page No. 1
Drawing #: Sacr-232, 233

From: Point Arena

To: Sacramento



1393+20 22'o/s 48" Beg Bore

1393+80 22'o/s 165" Bore

1394+40 20'o/s 188" Bore

1395+00 20'o/s 190" Bore

1395+60 19'o/s 190" Bore

1396+00 Main Line

1396+20 20'o/s 195" Bore

1396+80 18'o/s 176" Bore

1397+05 Sewer Starts Bore

1397+40 18'o/s 189" Bore

1398+00 17'o/s 197" Bore

1398+60 16'o/s 148" Bore

1399+20 16'o/s 84" Bore

1399+40 16'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell (MGE)
	Duct Configuration:	Inspector: Seb Sincraugh

Williams

Williams Construc[illegible] As-Built Documentation

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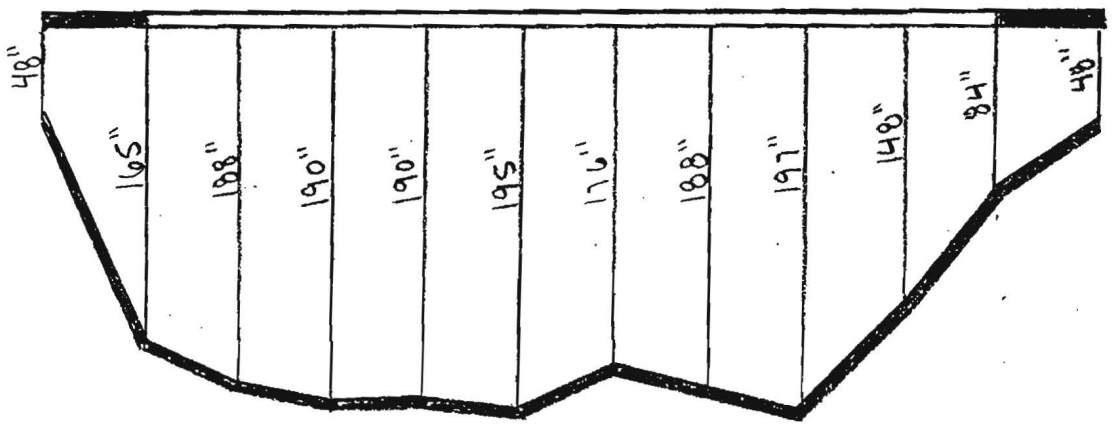
Page No. 2
Drawing #: Sacr-252,233

From: Point Arena ← — N — → To: Sacramento

1393+20	22'o/s 48" Beg Bore
1393+80	22'o/s 165" Bore
1394+40	20'o/s 198" Bore
1395+00	20'o/s 190" Bore
1395+60	19'o/s 190" Bore
1396+00	MATCH LINE
1396+20	20'o/s 195" Bore
1396+80	18'o/s 176" Bore
1397+40	18'o/s 188" Bore
1398+00	17'o/s 197" Bore
1398+60	16'o/s 148" Bore
1399+20	16'o/s 84" Bore
1399+40	16'o/s 48" End Bore



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma
Duct Configuration:

Contractor: Tidwell (MGE)
Inspector: Seb Sinnaugh

Williams

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Page No. 1
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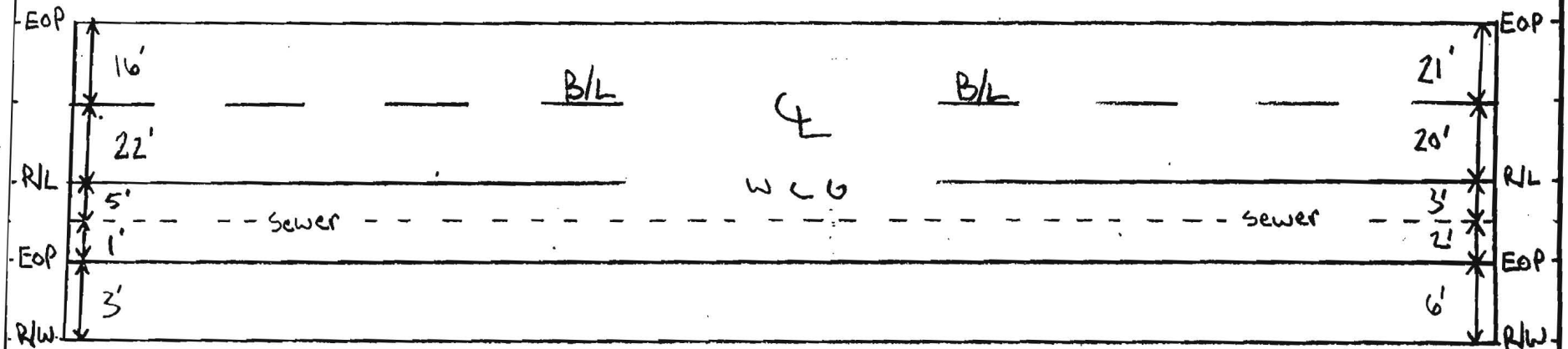

1399+50 22'o/s 48" Beg Bore

1400+10 22'o/s 135" Bore

1400+76 22'o/s 150" Bore

1401+30 23'o/s 203" Bore

1401+90 22'o/s 222" Bore

1402+50 23'o/s 222" Bore

1403+10 22'o/s 228" Bore

1403+70 22'o/s 237" Bore

1404+30 20'o/s 235" Bore

1404+90 20'o/s 100" Bore

1405+10 20'o/s 48" End Bore

Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black		County: Sonoma	Contractor: Tidwell (MGE)
		Duct Configuration:	Inspector: Jeb Sincraugh

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Page No. 2
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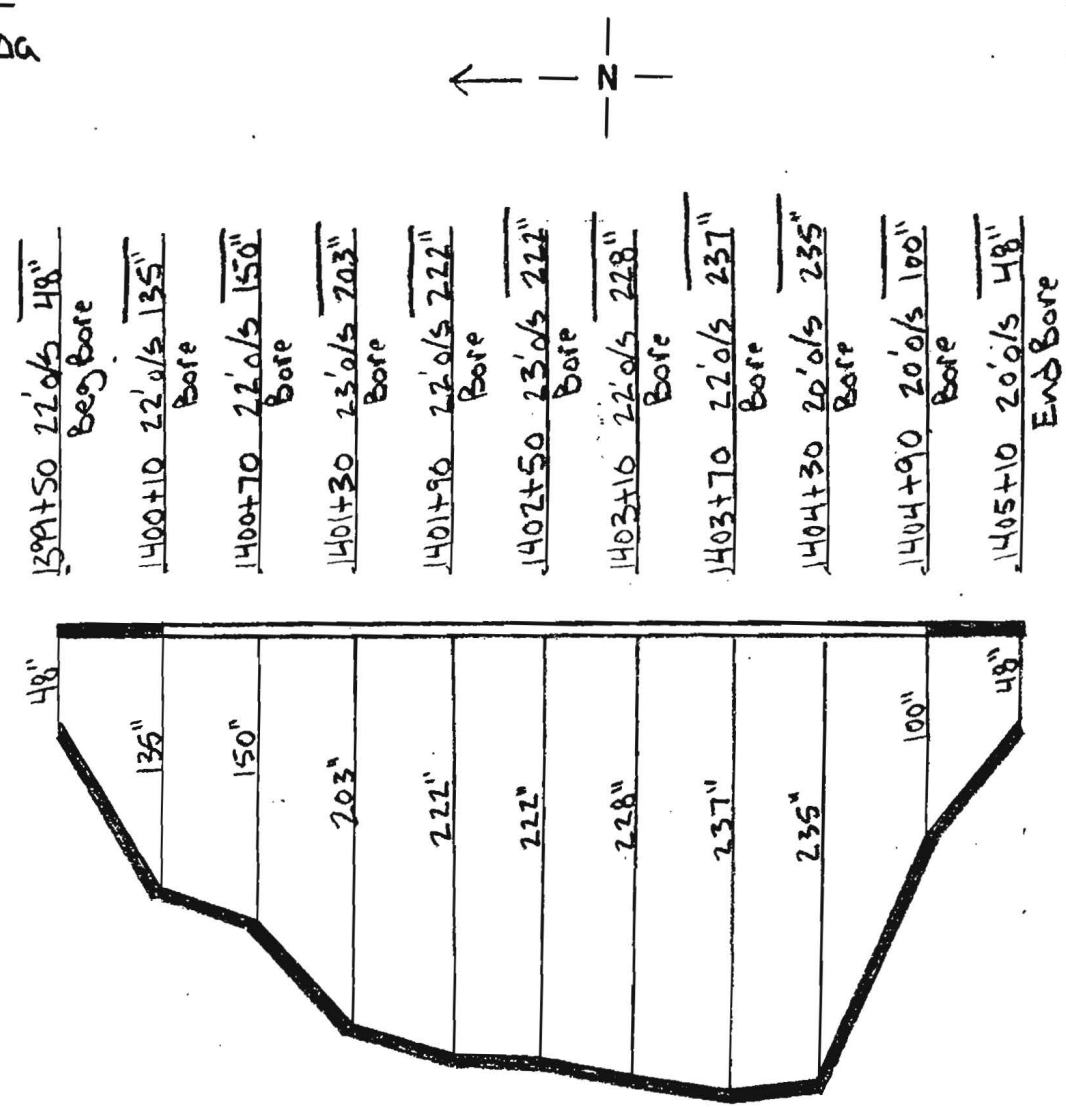

Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell (MGE)
	Duct Configuration:	Inspector: Jeb Sincraugh

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Page No. 1
Drawing #: Sacr-233, 234

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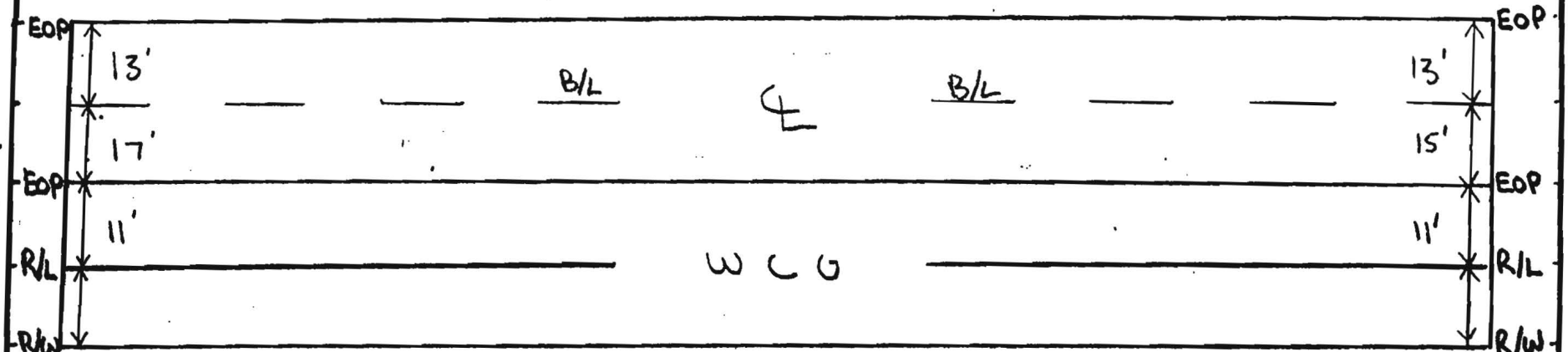
To: Sacramento



1405+95 28'o/s 48" Beg Bore

1406+10 27'o/s 132" Bore

1406+50 Matchline

1406+70 27'o/s 118" Bore

1407+30 28'o/s 119" Bore

1407+90 28'o/s 130" Bore

1408+50 26'o/s 127" Bore

1409+10 26'o/s 56" Bore

1409+20 26'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (MGE)

Inspector: Jeb Sincraugh

Williams Construct[illegible] s-Built Documentation

Spread Location: [illegible] ta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-5-[illegible]
Page No. 2 of [illegible]
Drawing #: Socs-233, 234

From: Point Arena

To: Sacramento

N

1405+95	28'o/s	48"	Beg Bore
1406+10	27'o/s	132"	
1406+50			Bore MATCH LINE
1406+70	27'o/s	118"	Bore
1407+30	28'o/s	119"	Bore
1407+90	28'o/s	130"	Bore
1408+50	26'o/s	127"	Bore
1409+10	26'o/s	56"	Bore
1409+20	26'o/s	48"	End Bore



Notes: 2- 1½ HDPE Orange, Blue
1- 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (MGE)

Inspector: Jebs Ingraugh

OWNERSHIP: SONOMA COUNTY

1406+75 2' RT. SEWER LINE
1407+02 8' RT. UTIL POLE
1407+02 11' RT. FENCE CORNER
1407+61 33' LT. UTILITY BOX
1407+62 33' LT. VAULT
1408+32 11' RT. POLE
1408+35 15' RT. FENCE CORNER
1408+38 CULVERT
1408+43 44' LT. UTIL POLE
1408+46 10' RT. FENCE CORNER
1408+47 47' RT. UTIL POLE
1408+62 5' RT. C/L OAK
1408+77 6' LT. WATER VALVE
1408+85 2' LT. CULVERT
1409+02 3' LT. WATER VALVE
1409+60 5' RT. UTIL POLE
1409+72 SPLICE ALL 24"x15"
1410+04 1' RT. WATER LINE
1410+92 6' RT. UTIL POLE
1412+25 8' RT. UTIL POLE
1412+30 43' LT. POWER POLE
1412+83 C/L DRIVEWAY
1412+97 SEWER LINE
1413+34 12' RT. UTIL POLE
1413+52 C/L DRIVEWAY
1413+62 2' RT. CULVERT
1413+64 10' RT. POLE
1413+64 10' RT. UTIL POLE
1413+78 SPLICE ALL 23"x15"
1414+44 5' RT. CULVERT
1414+47 10' RT. FENCE CORNER
1414+53 C/L DRIVEWAY
1414+68 17' RT. FENCE CORNER
1414+80 6' RT. POLE
1414+90 8.5' RT. UTIL POLE
1415+10 45' LT. POLE
1415+14 47' LT. FENCE CORNER
1416+06 38' LT. CULVERT
1416+10 45' LT. FENCE CORNER
1416+24 11' RT. WATER VALVE
1416+24 11' RT. CULVERT
1416+28 23' RT. C/L GROVE
1416+38 C/L GROVE STREET
1416+47 38' LT. CULVERT
1416+47 39' RT. WATER VALVE
1416+47 41' LT. UTIL POLE
1416+48 41' RT. WATER VALVE
1416+65 POWER LINE
1416+65 POWER LINE
1416+68 6' RT. UTIL POLE
1416+70 9' RT. CULVERT
1416+79 5' RT. POLE
1418+62 23' RT. FENCE CORNER

#1 #1 #2 #1

FIBER STATIONING

SONOMA COUNTY
CALIFORNIA
SEC 6, T 6 N AND R 7 W MDB&M

POINT ARENA ← → SACRAMENTO

MATCH LINE SHT – 233 1406+50

MATCH LINE SHT – 235 1418+97

ASPHALT DRIVE
OLD ADOBE ROAD
WOODED AREA
OAK STREET
GRAVEL DRIVE
RIGHT–OF–WAY BY OCCUPATION
WILLIAMS FIBER ROUTE
GROVE STREET
BEG TRENCH
END TRENCH
60'
12"

1406+50 — 1406+75 2' RT. SEWER LINE
1407+02 8' RT. UTIL POLE
1407+02 11' RT. FENCE CORNER
1407+61 33' LT. UTILITY BOX
1407+62 33' LT. VAULT
1408+32 11' RT. POLE
1408+35 15' RT. FENCE CORNER
1408+38 CULVERT
1408+43 44' LT. UTIL POLE
1408+46 10' RT. FENCE CORNER
1408+47 47' RT. UTIL POLE
1408+62 5' RT. C/L OAK
1408+77 6' LT. WATER VALVE
1408+85 2' LT. CULVERT
1409+02 3' LT. WATER VALVE
1409+60 5' RT. UTIL POLE
1409+72 SPLICE ALL 24"x15"
1410+04 1' RT. WATER LINE
1410+92 6' RT. UTIL POLE
1412+25 8' RT. UTIL POLE
1412+30 43' LT. POWER POLE
1412+83 C/L DRIVEWAY
1412+97 SEWER LINE
1413+34 12' RT. UTIL POLE
1413+52 C/L DRIVEWAY
1413+62 2' RT. CULVERT
1413+64 10' RT. POLE
1413+64 10' RT. UTIL POLE
1413+78 SPLICE ALL 23"x15"
1414+44 5' RT. CULVERT
1414+47 10' RT. FENCE CORNER
1414+53 C/L DRIVEWAY
1414+68 17' RT. FENCE CORNER
1414+80 6' RT. POLE
1414+90 8.5' RT. UTIL POLE
1415+10 45' LT. POLE
1415+14 47' LT. FENCE CORNER
1416+06 38' LT. CULVERT
1416+10 45' LT. FENCE CORNER
1416+24 11' RT. WATER VALVE
1416+24 11' RT. CULVERT
1416+28 23' RT. C/L GROVE
1416+38 C/L GROVE STREET
1416+47 38' LT. CULVERT
1416+47 39' RT. WATER VALVE
1416+47 41' LT. UTIL POLE
1416+48 41' RT. WATER VALVE
1416+65 POWER LINE
1416+65 POWER LINE
1416+68 6' RT. UTIL POLE
1416+70 9' RT. CULVERT
1416+79 5' RT. POLE
1418+62 23' RT. FENCE CORNER — 1418+97

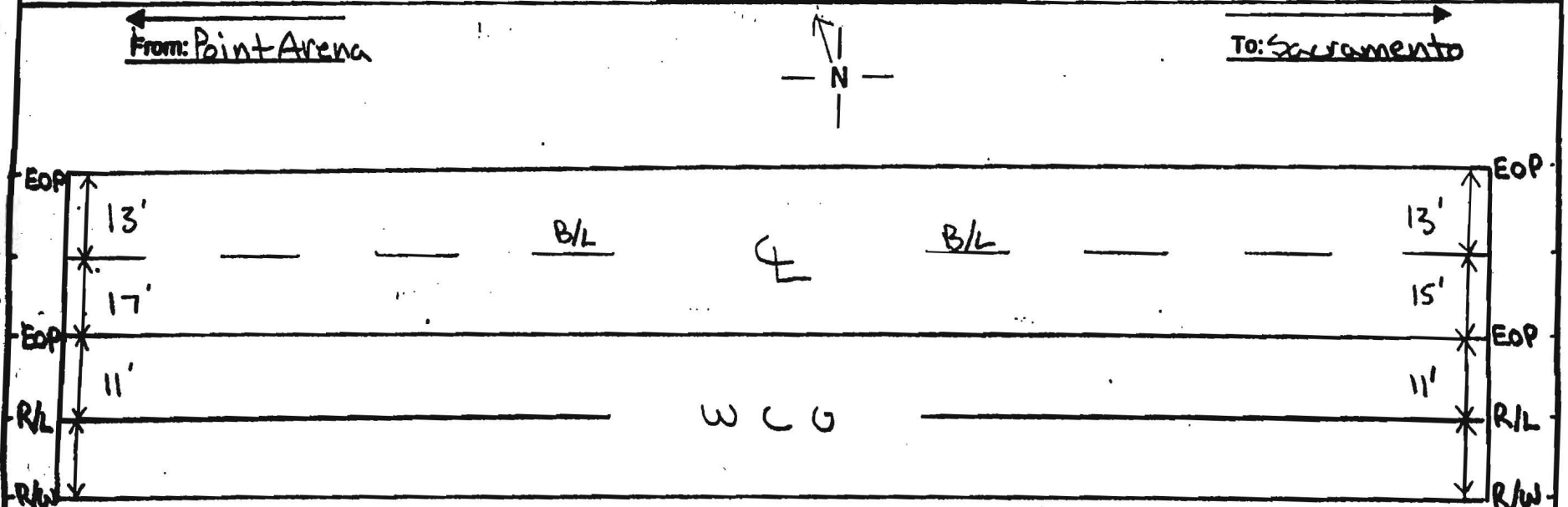
| 1406+50 | | |

Williams Construction — As-Built Documentation

Spread Location: to Bosa
Spread No. SouthHB
AFE No. 4875
Contract No. 99P154.16

Page No. 1 of
Drawing #: Sour-233, 234

From: Point Arena — To: Sacramento



1405+95 28'o/s 48" Beg Bore

1406+10 27'o/s 132" Bore

1406+50 Match Line

1406+70 27'o/s 118" Bore

1417+30 28'o/s 119" Bore

1407+90 28'o/s 130" Bore

1408+50 26'o/s 127" Bore

1409+10 26'o/s 56" Bore

1409+20 26'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (MGE)

Inspector: Jeb Sincraugh

Williams Construct[illegible] As-Built Documentation

Spread Location: [illegible]ta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

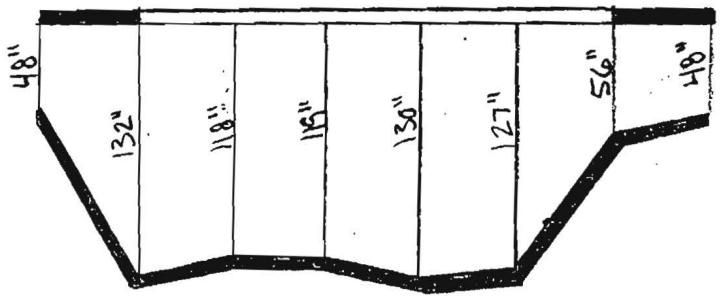
Date: 1-3-
Page No. 2 o[illegible]
Drawing #: Sacs-233, 234

From: Point Arena

To: Sacramento

N

1405+95 28'o/s 48" Beg Bore
1406+10 27'o/s 132"
1406+50 Bore MATCH LINE
1406+70 27'o/s 118" Bore
1407+30 28'o/s 119" Bore
1407+90 28'o/s 130" Bore
1408+50 26'o/s 127" Bore
1409+10 26'o/s 56" Bore
1409+20 26'o/s 48" End Bore



Notes: 2- 1½ HDPE Orange, Blue 1- 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell (MGE)
	Duct Configuration:	Inspector: Jebs Ingraugh

Williams

Williams Construc[illegible] As-Built Documentation

Spread Location: Sta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

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Drawing #: Sacr-234-4

From: Point Arena

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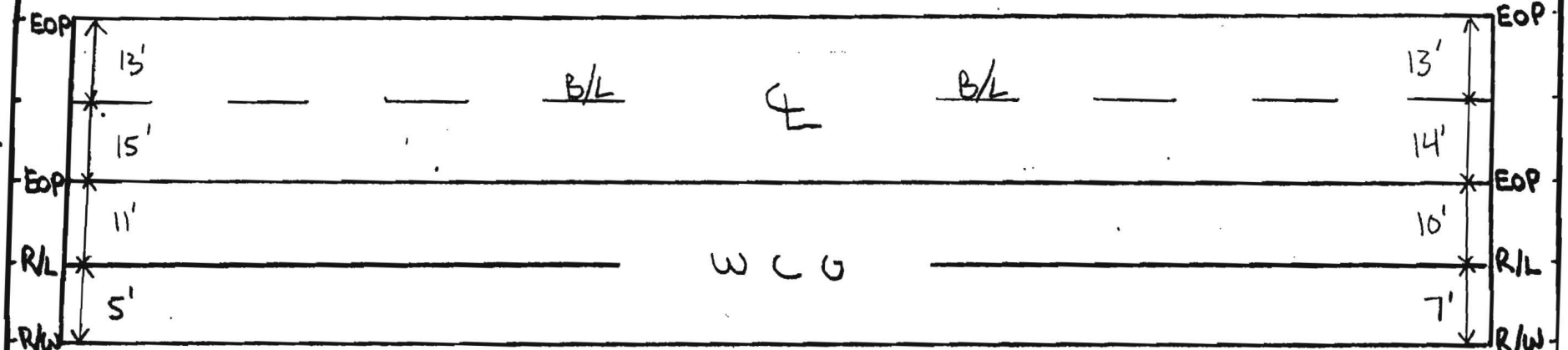
To: Sacramento



1409+25 26'o/s 48" Beg Bore

1409+40 26'o/s 55" Bore

1410+00 26'o/s 90" Bore

1410+60 27'o/s 113" Bore

1411+20 26'o/s 122" Bore

1411+80 26'o/s 134" Bore

1412+40 26'o/s 140" Bore

1413+00 26'o/s 127" Bore

1413+30 24'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (MGE)

Inspector: Jeb Sincraugh

Williams Construction As-Built Documentation

Spread Location: Santa Rosa

Spread No.

AFE No. 4875

Contract No. 99P154.16

Date: 1-4

Page No. 2 2

Drawing #: Scar-234-4

From: Point Arena

To: Sacramento

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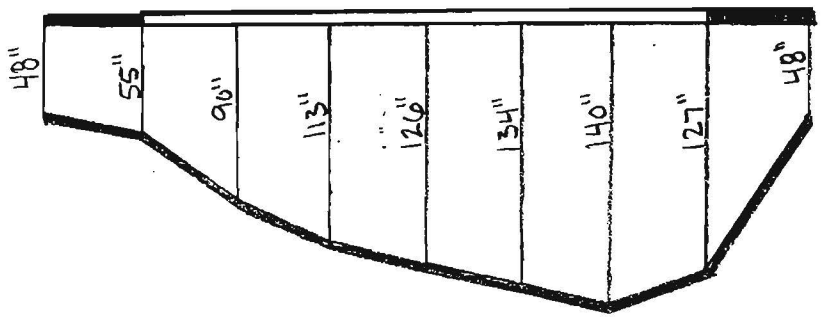
1409+25	26'o/s	48"	Beg Bore
1409+40	26'o/s	55"	Bore
1410+00	26'o/s	90"	Bore
1410+60	27'o/s	113"	Bore
1411+20	26'o/s	126"	Bore
1411+80	26'o/s	134"	Bore
1412+40	26'o/s	140"	Bore
1413+00	26'o/s	127"	Bore
1413+30	24'o/s	48"	End Bore



Notes: 2-1½ HDPE Orange, Blue
1-¼ HDPE Black

County: Sonoma

Contractor: Tidwell (MGE)

Duct Configuration:

Inspector: Jeb Sincraugh

Williams

Williams Construc[illegible] As-Built Documentation

Spread Location: nta Rosa
Spread No. SouthAB
AFE No. 4875
Contract No. 99P154.16

Page No. 1
Drawing #: SoAs-234-4

From: Point Arena

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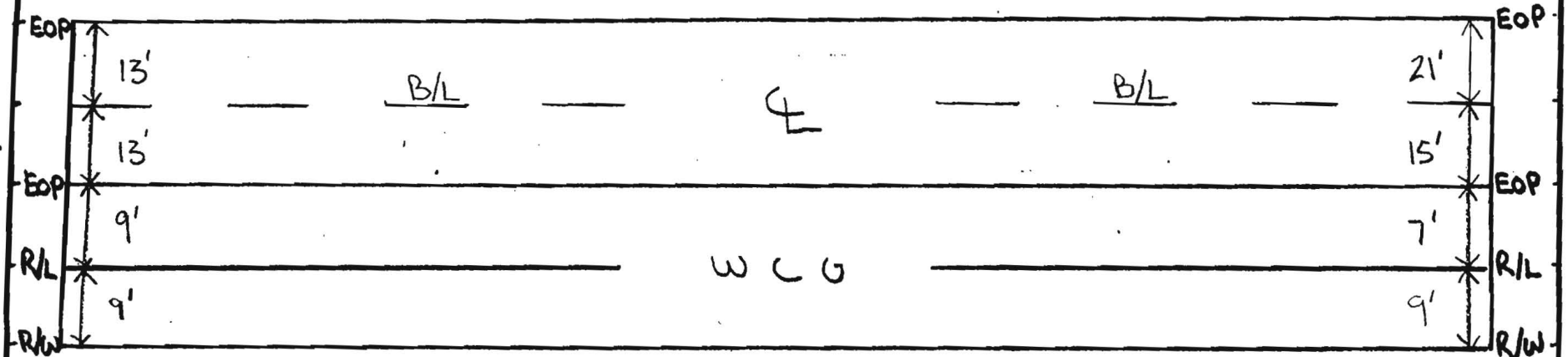
To: Sacramento



14113+50 22'o/s 48" Beg Bore
14114+10 22'o/s 79" Bore
14114+70 23'o/s 112" Bore
14115+30 23'o/s 114" Bore
14115+90 22'o/s 108" Bore
14116+50 22'o/s 128" Bore
14117+10 22'o/s 95" Bore
14117+70 22'o/s 79" Bore
14118+25 22'o/s 48" End Bore

Notes: 2-1½ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma
Duct Configuration:
Contractor: Tidwell
Inspector: JebSinclough

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 48
AFE No. 4875
Contract No. 99P154.16

Date:
Page No. 2 of 2
Drawing #: SACR-234-4

From: Point Arena

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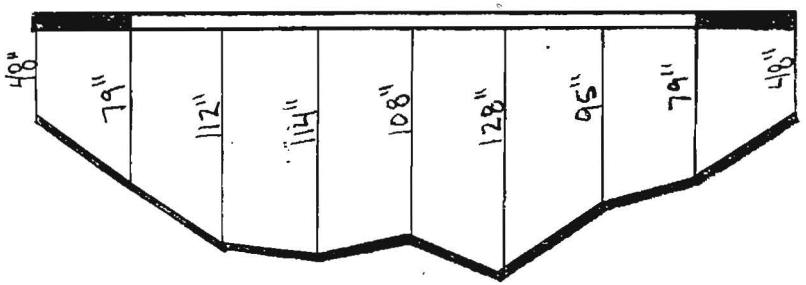
To: Sacramento

1413+50	22'o/s	48" Beg Bore
1414+10	22'o/s	79" Bore
1414+70	23'o/s	112" Bore
1415+30	23'o/s	114" Bore
1415+90	22'o/s	108" Bore
1416+50	22'o/s	128" Bore
1417+16	22'o/s	95" Bore
1417+70	22'o/s	79" Bore
1418+25	22'o/s	48" End Bore



Notes: 2-1½ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Duct Configuration:

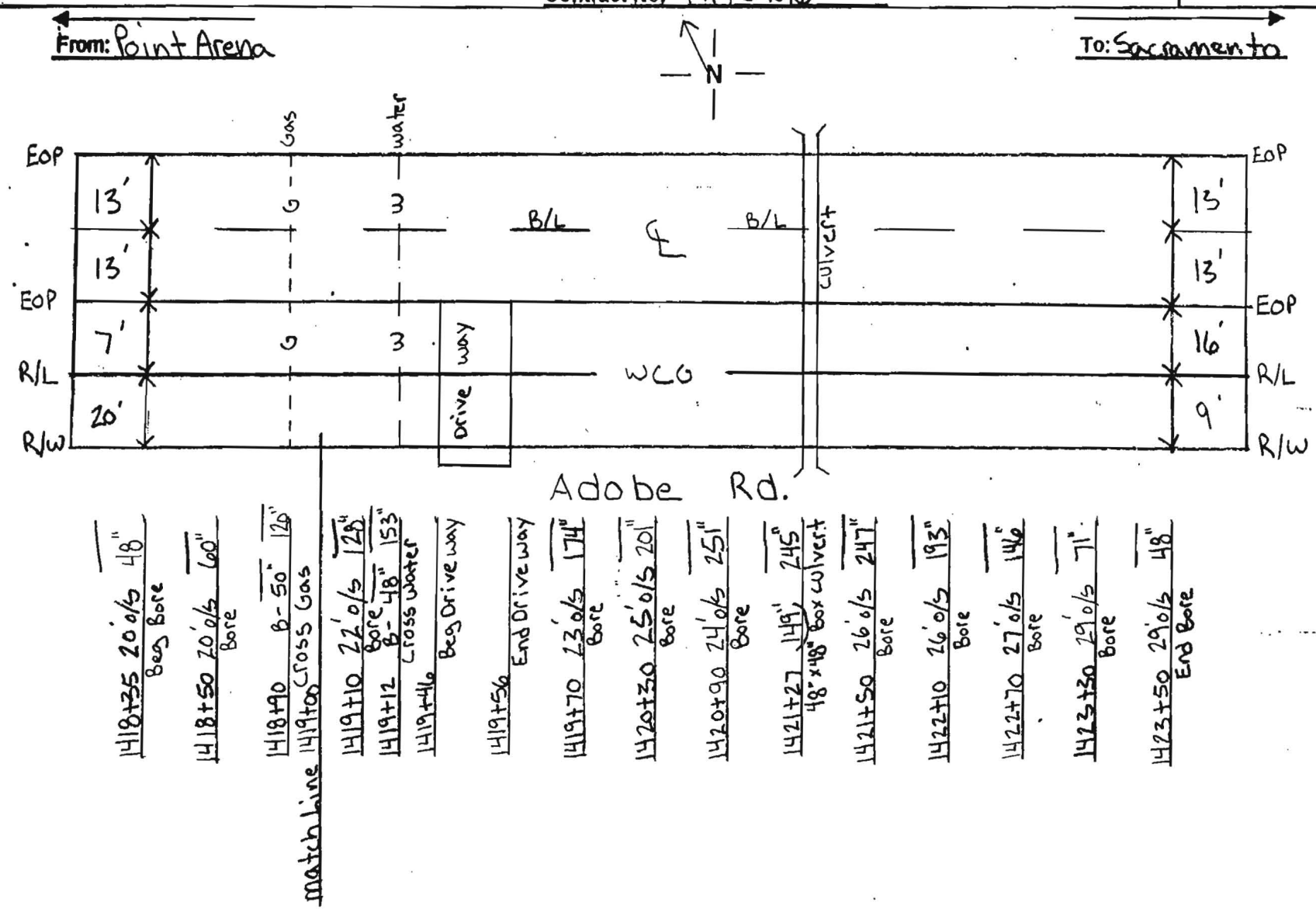
Contractor: Tidwell

Inspector: Jeb Sincraugh

Williams Construction As-Built Documentation

Spread Location, Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 3-2[illegible]1
Page No. 1
Drawing #: Sacr-234,235-4



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

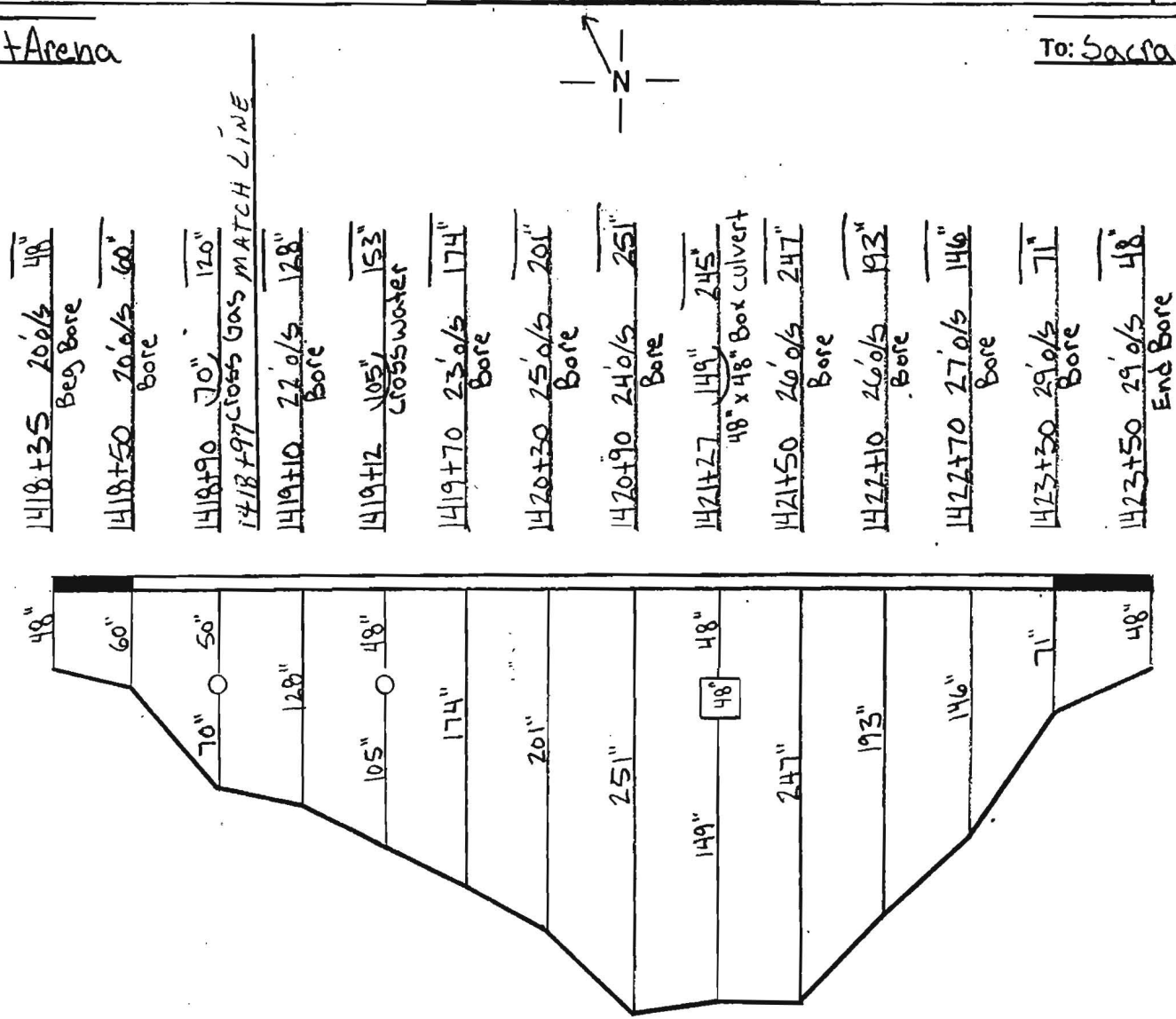
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 3-[illegible]-01
Page No. 2
Drawing #: Sacr-234,235-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

OWNERSHIP: COUNTY OF SONOMA

FIBER STATIONING

1418+97 MARKER POLE
1419+10 12' O/S
1419+12 CROSS WATER 153'
1419+16 BEG DRIVE
1419+26 END DRIVE 173'
1419+32 23' O/S
1419+33 SEWER LINE
1419+36 24" STEEL CULVERT
1419+45 51' LT. CULVERT
1419+56 C/L DRIVEWAY
1419+69 2' RT. CULVERT
1420+15 BEGIN STEEL
1421+18 35' LT. HEADWALL
1421+28 CULVERT
1421+31 END STEEL
1421+32 35' LT. HEADWALL
1421+35 3' RT. HEADWALL
1421+66 60' LT. CORNER
1421+66 60' LT. FENCE CORNER
1421+67 43' LT. POLE
1421+67 43' LT. UTIL POLE
1422+99 31' LT. RETAINING WALL
1423+00 33' LT. RETAINING WALL
1423+02 40' LT. RETAINING WALL
1423+28 39' LT. POLE
1423+30 46' LT. RETAINING WALL
1423+32 31' LT. CULVERT
1423+33 33' LT. CULVERT
1423+43 45' LT. POLE
1423+43 45' LT. UTIL. POLE
1423+43 46' LT. FENCE CORNER
1423+43 62' RT. FENCE CORNER
1423+94 12' RT. FENCE CORNER
1424+03 32' LT. CULVERT
1424+28 49' LT. CORNER
1424+28 49' LT. FENCE CORNER
1424+34 32' LT. CULVERT
1424+35 24' RT. FENCE CORNER
1425+54 50' LT. FENCE CORNER
1426+60 BEGIN STEEL
1426+60 HANDHOLE
1426+72 22' RT. FENCE CORNER
1426+72 32' RT. CORNER
1426+72 32' RT. FENCE CORNER
1426+90 GAS LINE
1426+90 LINE
1427+08 34' LT. POLE
1427+08 34' LT. UTIL. POLE
1427+05 C/L OLD ADOBE ROAD
1427+08 32' LT. POLE
1427+09 30' LT. POLE
1427+11 50' LT. CULVERT
1427+18 26' LT. FENCE CORNER
1427+23 32' LT. POLE
1427+25 41' LT. POLE
1427+26 39' LT. POLE
1427+27 WATER LINE
1427+27 43' LT. POLE
1427+33 44' LT. POLE
1427+33 44' LT. UTIL. POLE
1427+46 47' LT. WATER VALVE
1427+48 50' LT. WATER VALVE
1427+50 SEWER LINE
1427+51 50' RT. POLE
1427+53 55' RT. FENCE CORNER
1427+58 GAS LINE
1427+59 52' RT. UTIL. POLE
1427+70 GAS LINE
1427+70 25' LT. CULVERT
1427+78 21' LT. WATER VALVE
1427+78 30' LT. WATER VALVE
1427+80 23' LT. FENCE CORNER
1427+88 48' RT. STORM DRAIN
1427+92 49' RT. CULVERT
1427+94 63' RT. FENCE CORNER
1428+06 END STEEL
1428+06 HANDHOLE
1428+19 BEGIN CONCRETE ENCASED
1430+97 MARKER POLE

ROAD STATIONING

POINT ARENA

SONOMA COUNTY CALIFORNIA

SACRAMENTO

1428+29 HAND HOLE 27'O/S
JRSMITH 3-21-01
TIDWELL

MATCH LINE 1418+97 SHT. 234-SPRD 4

MATCH LINE 1430+97 SHT. 236-SPRD 4

GRAVEL DRIVE
ASPHALT DRIVE
OLD ADOBE ROAD
WOODED AREA
RIGHT-OF-WAY BY OCCUPATION
PROPOSED WILLIAMS FIBER ROUTE
29'0/S 48"
20'0/S 48"
30'0/S 48"
DAVIS LANE
WOODWARD COURT
BANNON LANE
BEG TRENCH
END TRENCH
GRAVEL DRIVE
GRAVEL DRIVE
GRAVEL DRIVE

| | | |

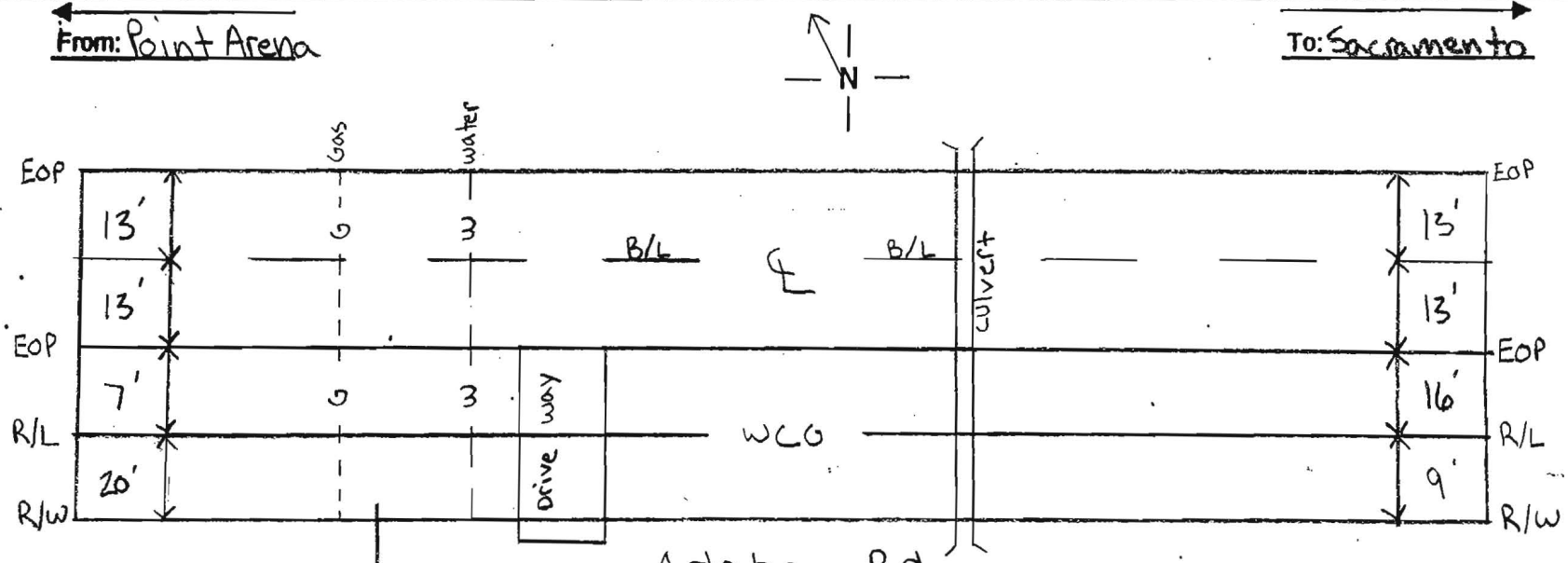
Williams Construction — As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 3-[illegible]71
Page No. 1
Drawing #: Sacr- 234, 235-4

From: Point Arena

To: Sacramento



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Williams

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

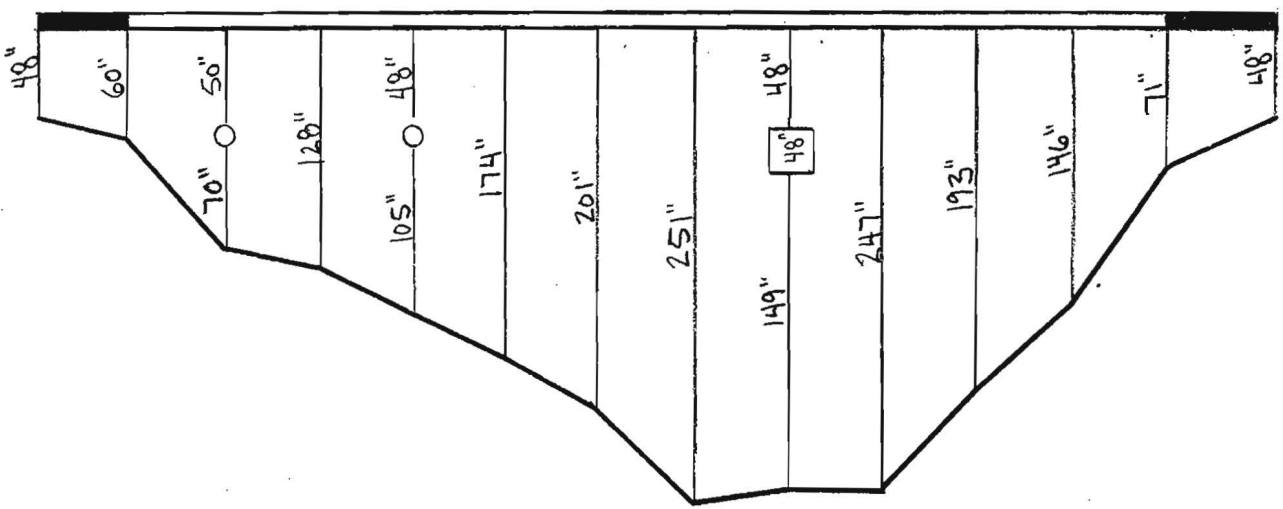
Date: 3-01
Page No. 2 of 2
Drawing #: Sacr-234,235-4

From: Point Arena

N

To: Sacramento

1418+35	20'o/s	48"	Beg Bore
1418+50	20'o/s	60"	Bore
1418+90	70"	120"	
1418+97	Cross Gas MATCH LINE		
1419+10	22'o/s	128"	Bore
1419+12	105"	153"	Crosswalker
1419+70	23'o/s	174"	Bore
1420+30	25'o/s	201"	Bore
1420+90	24'o/s	251"	Bore
1421+27	149"	245"	48" x 48" Box culvert
1421+50	26'o/s	247"	Bore
1422+10	26'o/s	193"	Bore
1422+70	27'o/s	146"	Bore
1423+30	29'o/s	71"	Bore
1423+50	29'o/s	48"	End Bore



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

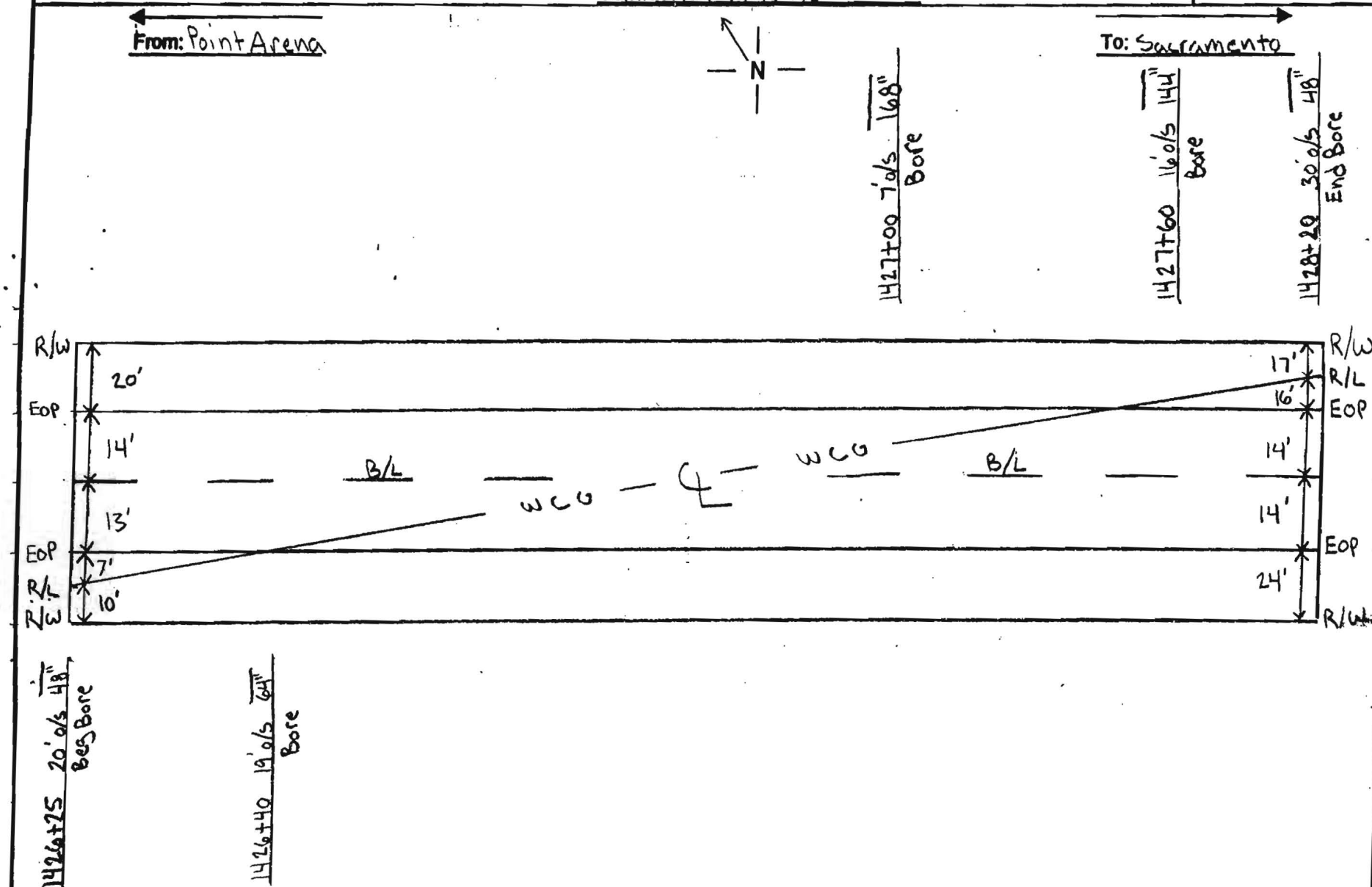
Contractor: Tidwell

Inspector: Jeb Sincraugh

Williams Construct[illegible] As-Built Documentation

Spread Location: [illegible]ta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-6-[illegible]
Page No. 1 of [illegible]
Drawing #: Sacr-235-4



Notes:	County:	Contractor:
2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	Sonoma	Tidwell (MGE)
	Duct Configuration:	Inspector: Jeb Sincraugh

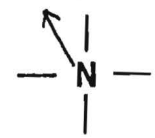
Williams Construct[illegible] As-Built Documentation

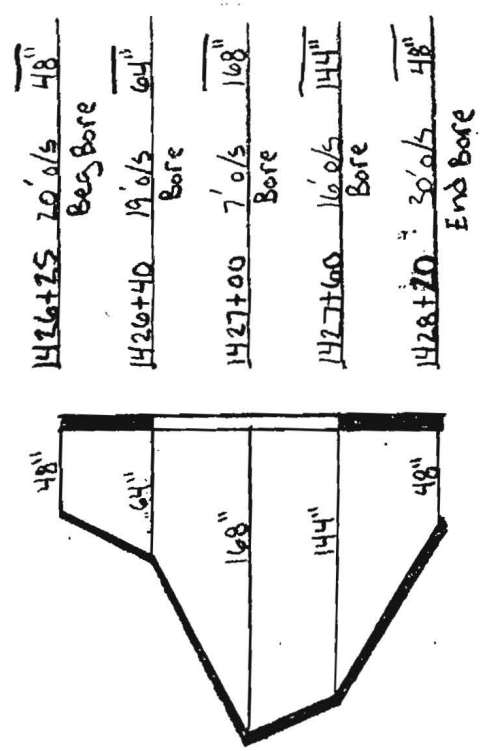
Spread Location: [illegible]ta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-6-0[illegible]
Page No. 2 of [illegible]
Drawing #: sacr-235-4

From: Point Arena

To: Sacramento





Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	**County:** Sonoma	**Contractor:** Tidwell (MGE)
	Duct Configuration:	**Inspector:** Jeb Sincraugh

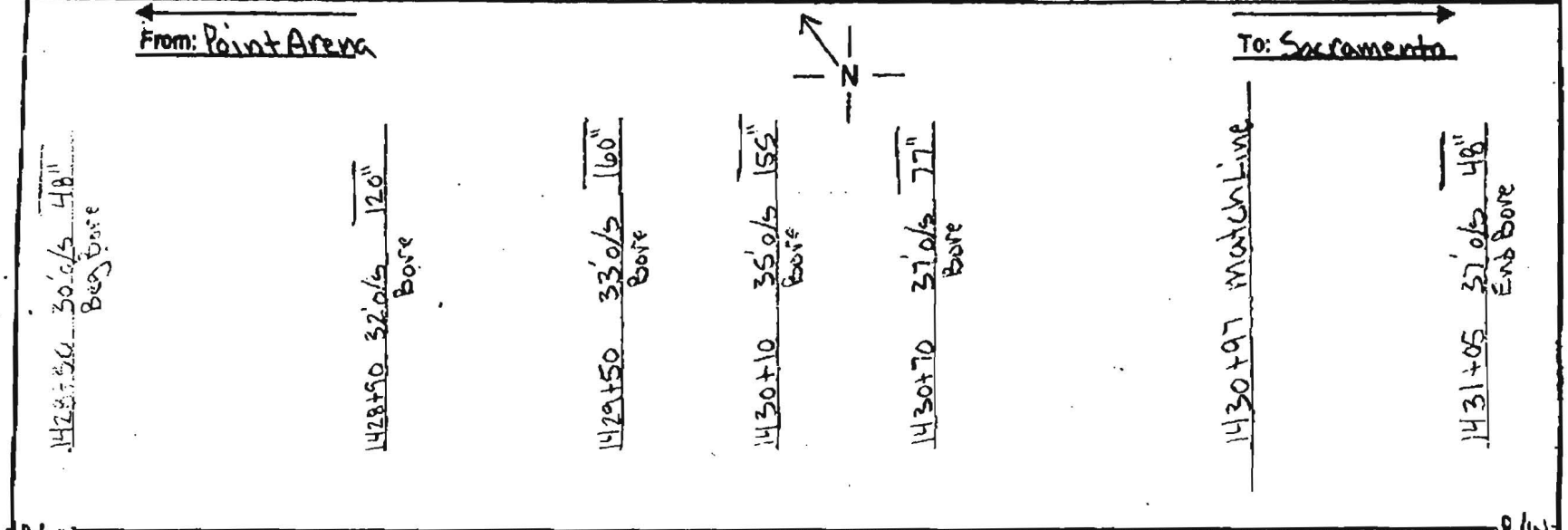
FROM : Ken Pothier FAX NO. : 206 367 8489 Oct. 16 2001 05:52PM P5

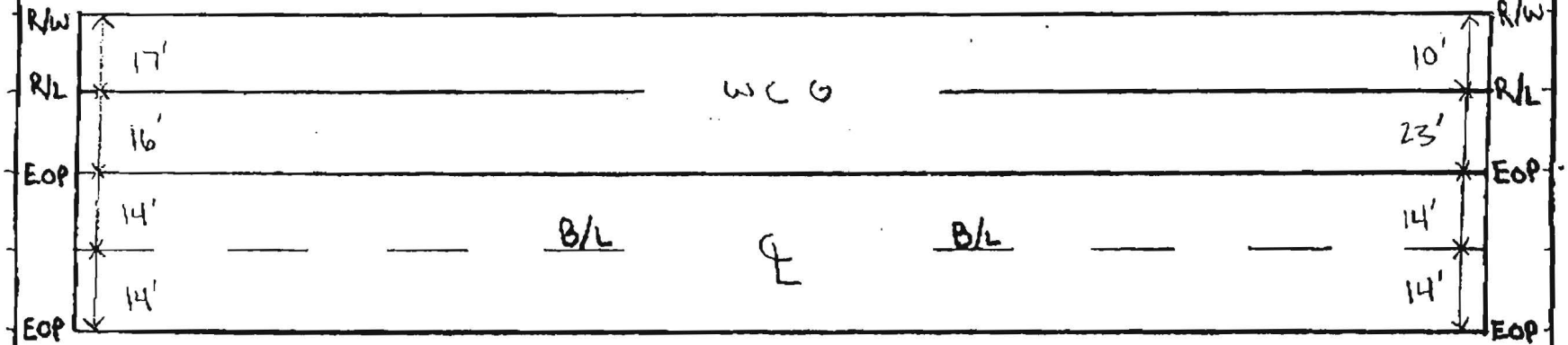
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No.
AFE No. 4875
Contract No. 99P154.16

Date: 1-5-01
Page No. 1 of 2
Drawing #: Sons-235, 236-4

From: Point Arena — To: Sacramento





Notes: 2-1½ HDPE Orange, Blue 1-¼ HDPE Black		County: Sonoma	Contractor: Tidwell (MGE)
		Duct Configuration:	Inspector: Jeb Sinclough

Williams

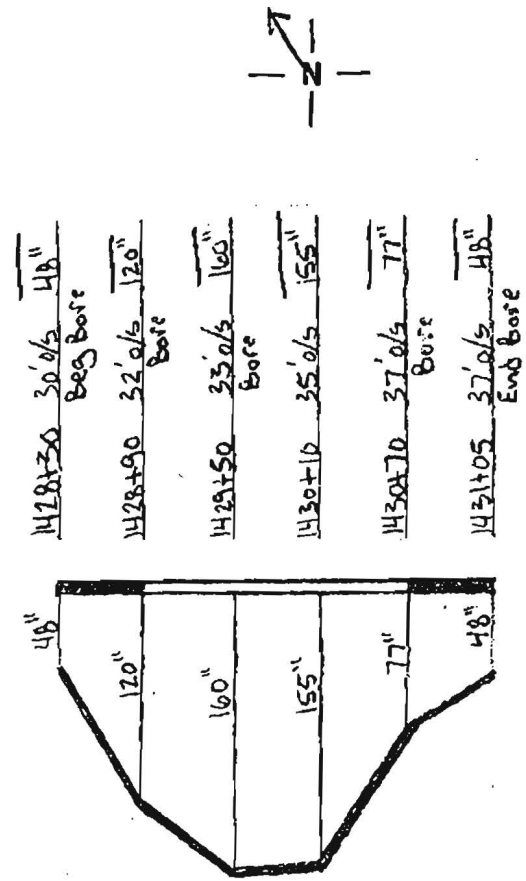
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 48
AFE No. 4975
Contract No. 99P154.16

Date: 1-5-01
Page No. 2 of 2
Drawing #: Sacr-235,236-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell (MGE)
	Duct Configuration:	Inspector: Jeb Sincraugh

OWNERSHIP: COUNTY OF SONOMA

FIBER STATIONING

1428+11 TELE. POLE
1431+07 SPLICE ALL 37'01S 48"
1428+65 65'RT. UTIL POLE
1428+85 19'RT. CULVERT
1428+98 20'RT. CULVERT
1429+39 6'RT. BEGIN STEEL
1429+42 6'RT. TELE. POLE
1429+45 56'RT. CULVERT
1429+50 6'RT. HEADWALL
1429+50 69'RT. FENCE CORNER
1429+56 6'RT. END STEEL
1429+83 21'RT. CULVERT
1429+85 7'LT. FENCE CORNER
1429+77 6'RT. C/L DRIVEWAY
1429+77 58'RT. BEGIN STEEL
1429+84 21'RT. UTIL POLE
1429+84 21'RT. CULVERT
1430+03 58'RT. UTIL POLE
1430+46 4'RT. BEGIN STEEL
1430+47 20'RT. CULVERT
1430+50 4'RT. GAS LINE
1430+56 4'RT. END STEEL
1430+57 4'RT. C/L DRIVEWAY
1430+67 20'RT. CULVERT
1431+18 29'RT. SEWER LINE
1431+31 3'RT. C/L DRIVEWAY
1431+36 SPLICE ALL 24'04S 48"
1431+53 MARKER POLE
1431+79 58'RT. UTIL POLE
1432+10 69'RT. FENCE CORNER
1432+88 4'RT. BEGIN STEEL
1432+93 4'RT. GAS LINE
1432+98 4'RT. END STEEL
1433+34 54'RT. CULVERT
1433+41 68'RT. FENCE CORNER
1433+83 69'RT. FENCE CORNER
1433+87 54'RT. CULVERT
1433+69 59'RT. UTIL. POLE
1433+74 19'RT. CULVERT
1433+82 80'RT. POLE
1433+85 4'RT. C/L DRIVEWAY
1433+92 15'LT. FENCE CORNER
1434+44 15'RT. CULVERT
1434+17 69'RT. FENCE CORNER
1435+40 CULVERT
1435+48 6'RT. C/L DRIVEWAY
1435+49 6'RT. C/L DRIVEWAY
1435+64 CULVERT
1435+64 7'LT. FENCE CORNER
1436+71 60'RT. POWER POLE
1441+31 MARKER POLE
1440+05 68'RT. RET. WALL
1442+91 SPLICE ALL 24'04S 48"

ROAD STATIONING

POINT ARENA — SONOMA COUNTY CALIFORNIA — SACRAMENTO

MATCH LINE 1430+97 1431+00 — SHT. 235-SPRD 4 — 37'01S 48" — GRAVEL DRIVE — 48' — 25' — 32' — GRAVEL DRIVE — BEG TRENCH — END TRENCH — 37'01S 16.7" — 1431+70

1431+00 — 1432+00 — 1433+00 — 1434+00 — 1435+00 — 1436+00 — 1437+00 — 1438+00 — 1439+00 — 1440+00 — 1441+00 — 1442+00

ASPHALT DRIVE — 34'01S 4.8" — GRAVEL DRIVE — 34'01S 4.8" — RIGHT-OF-WAY BY OCCUPATION — 34'01S 4.8" — 43' — 25' — 34'01S 4.8"

OLD ADOBE ROAD — 33' — GRAVEL DRIVE — BEG TRENCH — END TRENCH — WILLIAMS FIBER ROUTE

MATCH LINE 1443+00 — SHT. 237-SPRD 4 — 34'01S 4.8" — BEG TRENCH — END TRENCH

1430+97 = 1431+00 — 1431+05 BEG BORE — 37'01S 16.7" — 1431+70
1431+05 END BORE — 1431+10 BEG TRENCH — 37'01S 16.7" — 1431+70
1431+10 END TRENCH — 35'01S 15.7" — 1432+30
1431+70 — 1432+70 — 35'01S 16.4"
1432+87 — 1433+50 — 35'01S 14.3"
1433+05 — 1434+10 — 34'01S 8.4"
1434+10 END BORE — 1434+35 — BEG PLOW
1434+35 END PLOW — 1434+38 — BEG BORE
1434+38 END BORE — 1435+00 — 34'01S 4.8"
1435+00 — 1436+00 — 34'01S 4.8"
1436+00 — 1437+00 — 1438+00 — 1439+00 — 1440+00
1442+90 END PLOW — 1442+95 BEG BORE — 1443+00

96 - LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH
REEL # N/A
N/A
1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)
1-1.25" HDPE BLACK 1-1.5" HDPE BLUE 1-1.5" HDPE ORANGE

1430+97	1431+05	1431+10	1432+87	1433+05	1434+35		1434+38		1442+90	1442+95	
1431+05	1431+10	1432+87	1433+05	1434+35	1434+38		1442+90		1443+00	1443+00	
8'	5'	177'	18'	130'	3		252'		5'	5	
1.11	1.11	1.11	1.11 & 3.21	1.11	1.11		1.11		1.11	1.11	
2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE		2-1.5" HDPE		2-1.5" HDPE	2-1.5" HDPE	
1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE		1-1.25" HDPE		1-1.25" HDPE	1-1.25" HDPE	
JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH		JR SMITH		JEB SINCRAUGH	JEB SINCRAUGH	
1.5_01	1.6.01	1-D16-01	1-D16-01	1-D16-01	1.6.01		12.79.00		2.8.01	2.8.01	
TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	6 GA TRACERWIRE J. SINCRAUGH 6.15.01 IN BLACK 1.25" HDPE	TIDWELL		TIDWELL	TIDWELL	

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./dct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS
EMERGENCY NOTIFICATION NUMBER
1-800-582-9069

CAUTION
WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255
FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :
1-800-227-2600

DRAWING DISCLAIMER
FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION
CABLE FIBER COUNT MFG. TYPE OF GLASS
CABLE REEL NO.
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH
PIPE & INNERDUCT PLACEMENT
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)
STEEL PIPE SIZE
PVC
FUTURE UNIT PLACE
FUTURE-2
FUTURE-3
FUTURE-4

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY :	DATE : 03/10/00
CHECKED BY :	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-236-SPRD 4

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-(
Page No.
Drawing #: Socr-236-4

From: Point Arena

N

To: Sacramento

1431+10 37'0/s 48" Beg Bore

1431+70 37'0/s 167" Bore

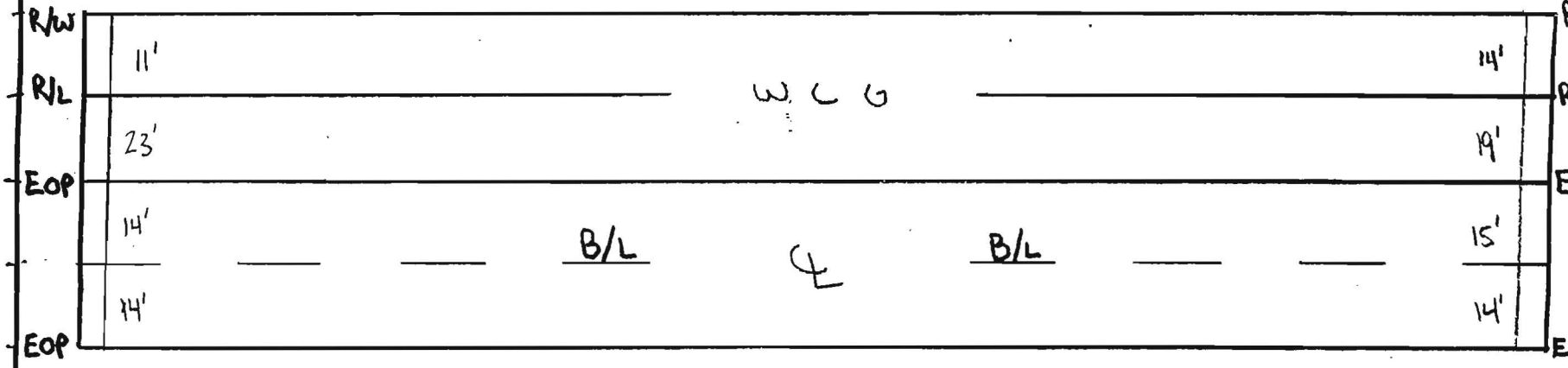
1432+30 35'0/s 157" Bore

1432+90 35'0/s 164" Bore

1433+50 35'0/s 143" Bore

1434+10 34'0/s 84" Bore

1434+35 34'0/s 48" End Bore



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black		County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: Jeb Sincraugh

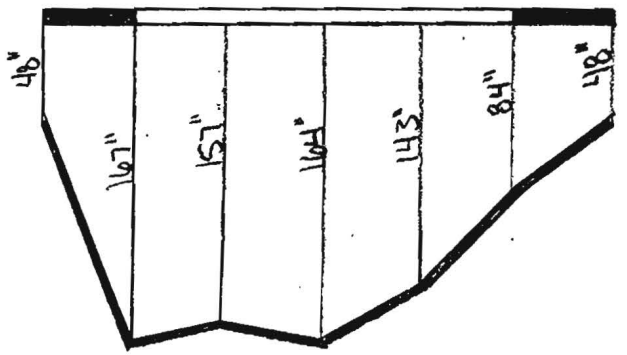
Williams Construct[illegible] As-Built Documentation

Spread Location: [illegible]sta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-6-0[illegible]
Page No. 2 o[illegible]
Drawing #: Saus-236-4

From: Point Arena ← N → To: Sacramento

143+10	37'o/s	48"				
Beg Bore						
143+70	37'o/s	167"				
Bore						
143+30	35'o/s	157"				
Bore						
143+90	35'o/s	164"				
Bore						
143+50	35'o/s	143"				
Bore						
144+10	34'o/s	84"				
Bore						
144+35	34'o/s	48"				
End Bore						



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sinclaugh

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1434+38	34'	48"		BEGIN PLOW NORTH SIDE ROAD
1436+00	34'	48"		
1438+00	34	48"		
1440+00	34	48"		
1442+90	34'	48"		END PLOW

DATE:	12-29-00	CONTRACTOR:	TIDWELL
COUNTY:	SONOMA	INSPECTOR:	JR SMITS
ALIGN. SHT. #		PROJECT:	46

Williams Construc[illegible] As-Built Documentation

Spread Locati[illegible] nta Rosa

Spread [illegible] South4B

AFE No. 4875

Contract No. 99P154016

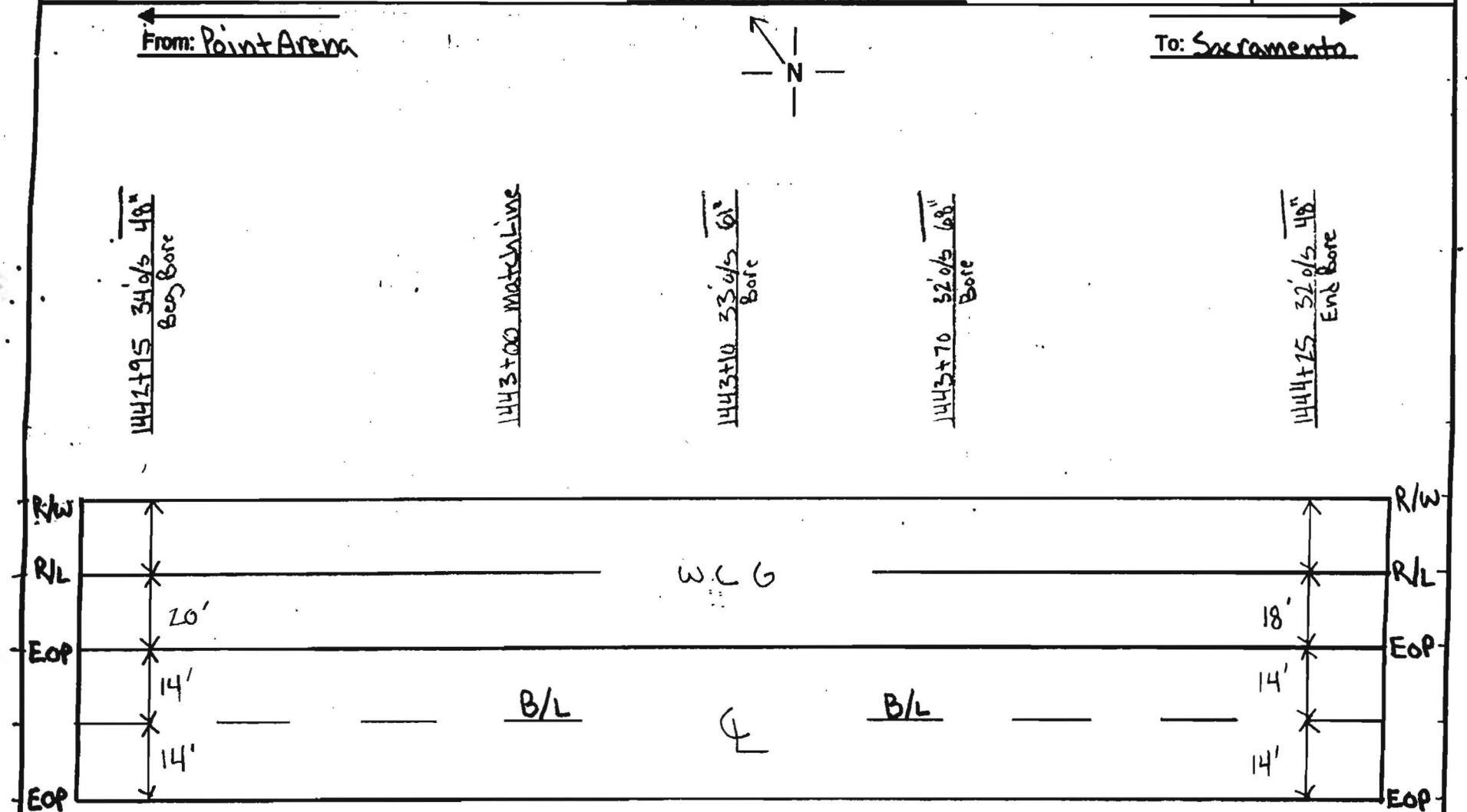
Date: 2-[illegible]

Page No. 1

Drawing #: Sacr-236,237

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams

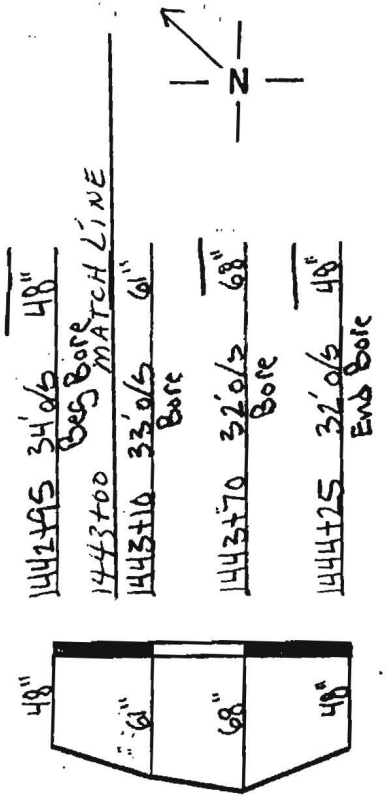
Williams Construct[illegible] As-Built Documentation

Spread Location: nta Rosa
Spread [illegible]: 4B
AFE No. 4875
Contract No. 99P154.16

Page No. 2
Drawing #: Sacr-236, 237

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Contractor: T. Sewell

Duct Configuration:

Inspector: Jeb Sincraugh

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1440+06 61'RT. POWER POLE
1444+27 SPLICE ALL 31'0/S 48"
1443+40 61'RT. POWER POLE
1446+60 SPLICE ALL 30'0/S 48"
1443+87 10'RT. HEADWALL
1443+87 10'RT. BOX CULVERT
1443+99 11'RT. CULVERT
1444+07 10'RT. END STEEL
1444+13 10'RT. HEADWALL
1444+19 55'RT. POLE
1444+49 55'RT. POLE
1446+86 64'RT. POWER POLE
1446+86 70'RT. POLE
1446+88 58'RT.
1447+44 62'RT.
1447+57 62'RT.
1447+71 12'RT. HEADWALL
1447+77 12'RT. HEADWALL
1447+82 12'RT.
1451+16 SPLICE ALL 31'0/S 48"
1448+35 12'RT. BEGIN STEEL
1448+36 65'RT. POWER POLE
1448+43 12'RT. HEADWALL
1448+46 12'RT.
1448+63 63'RT. POLE
1449+01 20'RT. CULVERT
1449+18 12'RT. CULVERT
1449+21 20'RT. CULVERT
1453+60 SPLICE ALL 30'0/S 48"
1451+44 66'RT. RET. WALL
1451+70 56'RT. CULVERT

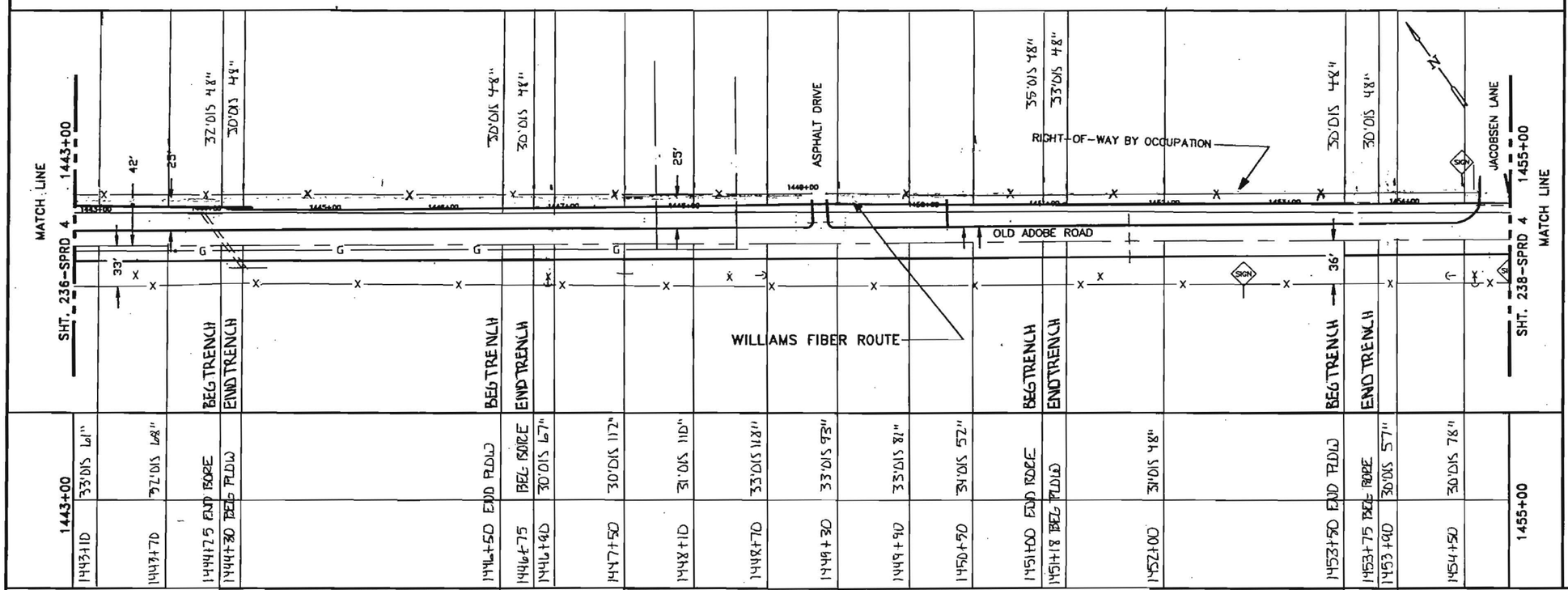
#1 #1 #3 #4

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



1443+00		1444+25	1444+30	1446+50	1446+75	1447+30	1447+70	1448+10	1448+70	1449+30	1449+90	1450+50	1451+00	1451+18	1452+00	1453+50	1453+75	1453+90	1454+50	1455+00
1443+10	33'0/S 61"																			
1443+70	32'0/S 68"	1444+25 END RODE	1444+30 BEG PLOW	1446+50 END PLOW	BEG RODE	1446+75	30'0/S 67"	30'0/S 112"	31'0/S 110"	33'0/S 112"	33'0/S 93"	33'0/S 82"	31'0/S 52"	1451+00 END RODE	1451+18 BEG PLOW	31'0/S 48"	1453+50 END PLOW	1453+75 BEG RODE	30'0/S 57"	30'0/S 78"	

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK 1-1.5" HDPE BLUE 1-1.5" HDPE ORANGE

1443+00	1444+25	1444+30	1446+50		1446+75		1451+00	1451+18		1453+50	1453+75	1454+50
1444+25	1444+30	1446+50	1446+75		1451+00		1451+18	1453+50		1453+75	1454+50	1455+00
175'	5'	220'	25'		425'		18'	232'		25'	125'	50'
1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2.8.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2.8.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.29.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.9.01 TIDWELL		1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.9.01 TIDWELL	6 GA TRACER WIRE J. SINCRAUGH 6.15.01 IN BLACK 1.25" HDPE	1.11 2-1.5 HDPE 1-1.25" HDPE J. SINCRAUGH 1.9.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.29.00 TIDWELL		1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1.9.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1.9.01 TIDWELL	1.11 @ 3.21 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1.9.00 TIDWELL

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- Ct. Road
- Ct. RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or Write Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	5/16

CABLE DESCRIPTION

CABLE FIBER COUNT MFG. TYPE OF GLASS

CABLE REEL NO.

SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT

INNERDUCT & TYPE (CORR/SMOOTH/COLOR)

STEEL PIPE SIZE

PVC

FUTURE UNIT PLACE

FUTURE-2

FUTURE-3

FUTURE-4

COMMUNICATIONS GROUP
Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	

DRAWING NUMBER : SACR-237-SPRD 4

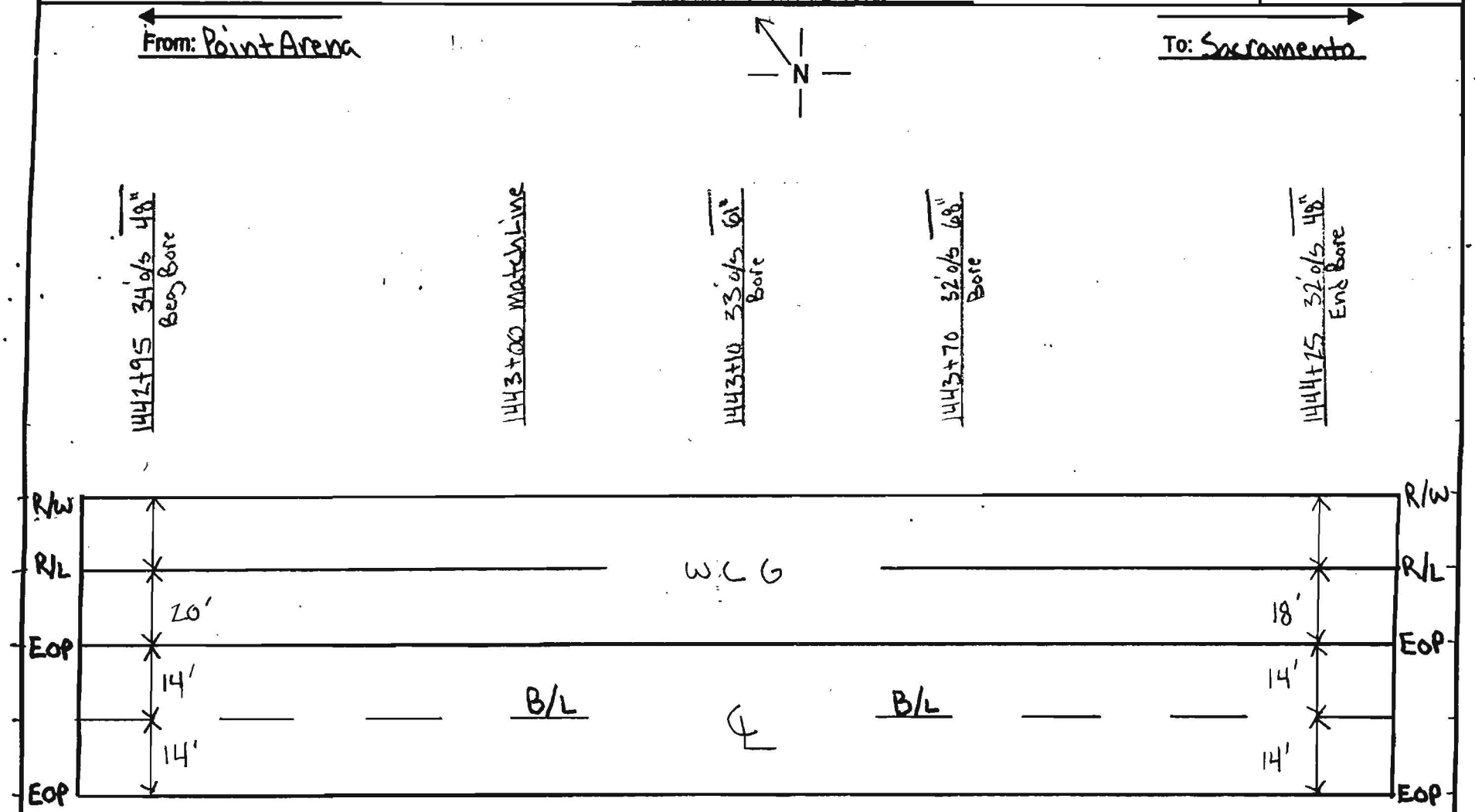
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154016

Date: 2-8
Page No. 1
Drawing #: SacP-236,237

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams

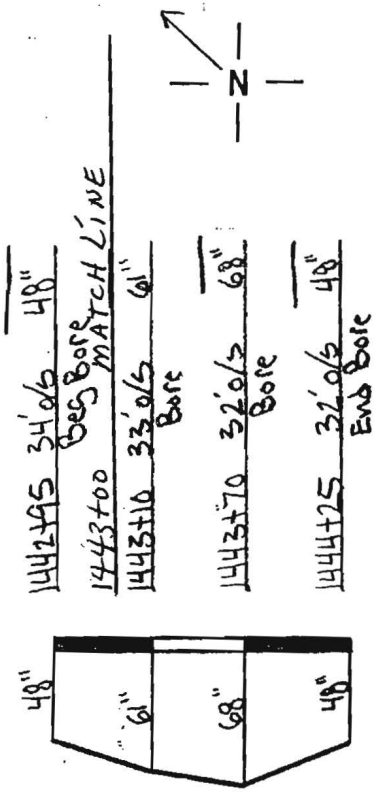
Williams Construc[illegible] As-Built Documentation

Spread Location: Santa Rosa
Spread No. 4B
AFE No. 4875
Contract No. 99P154.16

Date: 6-D[illegible]
Page No. 2
Drawing #: Sacr-236, 237

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: T. Idwell
	Duct Configuration:	Inspector: Jeb Sincraugh

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1444+30	30'	48"		BEGIN PLOW NORTH SIDE RD ↓
1446+50	30'	48"		END PLOW
1451+18	33'	48"		BEGIN PLOW NORTH SIDE RD
1452+00	31'	48"		↓
1453+50	30'	48"		END PLOW

DATE:	12-29-00	CONTRACTOR:	TIDWELL
COUNTY:	SONOMA	INSPECTOR:	JR SMITS
ALIGN. SHT. #		PROJECT:	

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

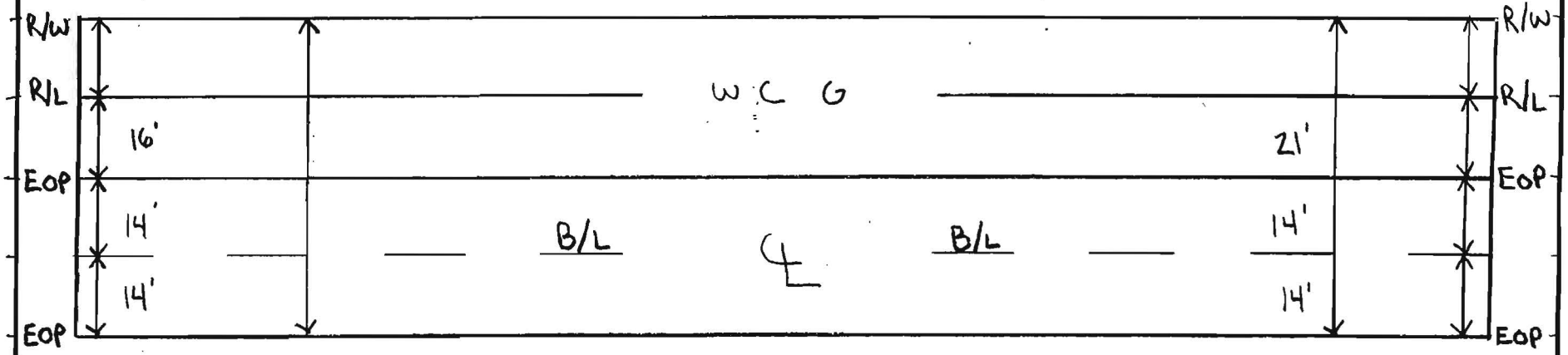
Date: 1-0
Page No. 1 of 2
Drawing #: Sacr-237-4

From: Point Arena

N

To: Sacramento

1446+75	1446+90	1447+50	1448+10	1448+70	1449+30	1449+90	1450+50	1451+00
30'o/s 48" Beg Bore	30'o/s 67" Bore	30'o/s 112" Bore	31'o/s 110" Bore	33'o/s 118" Bore	33'o/s 93" Bore	33'o/s 81" Bore	34'o/s 52" Bore	35'o/s 48" End Bore



Notes:	County:	Contractor:
2-1/2 HDPE Orange, Blue 1-1/4 HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sinclaugh

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

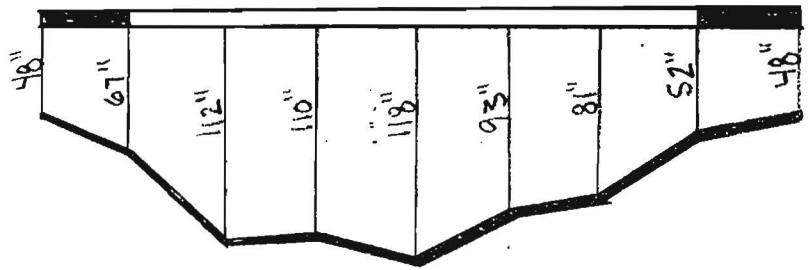
Date: 1-01
Page No. 2 of 2
Drawing #: Sacr-237-4

From: Point Arena

N

To: Sacramento

1446+75	1446+90	1447+50	1448+10	1448+70	1449+30	1449+90	1450+50	1451+00
30'o/s	30'o/s	30'o/s	31'o/s	33'o/s	33'o/s	33'o/s	34'o/s	35'o/s
48"	67"	112"	110"	118"	93"	81"	52"	48"
Beg Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	End Bore



Notes: 2-1¼ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sincraugh

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1444+30	30'	48"		BEGIN PLOW NORTH SIDE RD
1446+50	30'	48"		END PLOW ↓
1451+18	33'	48"		BEGIN PLOW NORTH SIDE RD
1452+00	31'	48"		↓
1453+50	30'	48"		END PLOW

DATE:	12-29-00	CONTRACTOR:	TIDWELL
COUNTY:	SONOMA	INSPECTOR:	JR SMITS
ALIGN. SHT. #		PROJECT:	

Williams Construc[illegible] As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 1-9

Page No. 1

Drawing #:

SACR 237, 238

From: POINT AREUA

To: SACRAMENTO

N

1453+75 30'.48" Begin Bore

1453+90 30'0"S 57" Bore

1454+50 30'0"S 78" Bore

1455+00 MATCH LINE

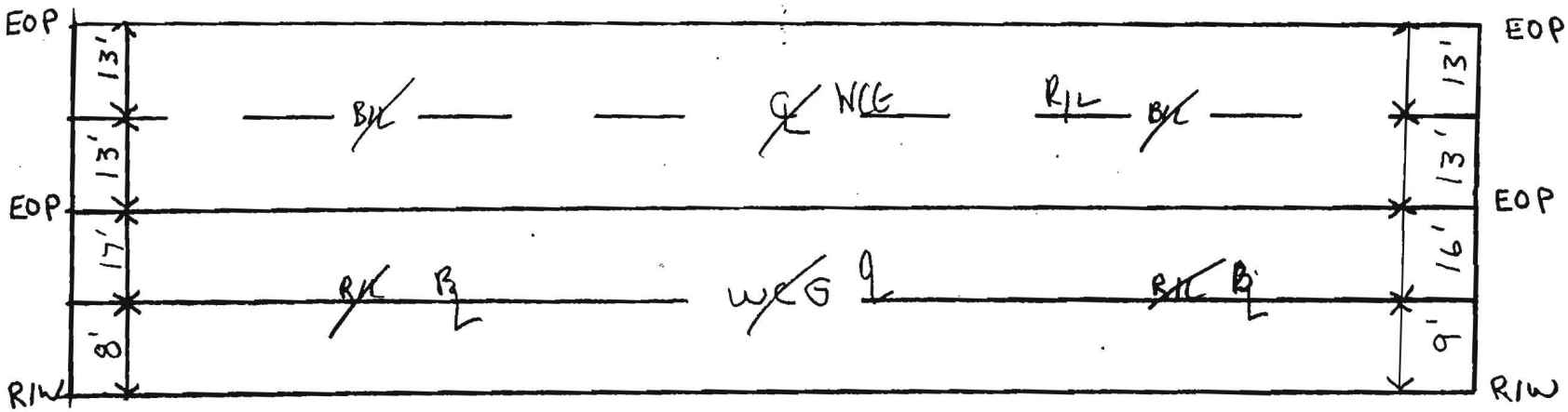
1455+10 30'0"S 10" Bore

1455+70 29'0"S 121" Bore

1456+30 29'0"S 105" Bore

1456+90 29'0"S 90" Bore

1457+40 29'0"S 48" End Bore



Notes:	County:	Contractor:
2 1½ HDPE orange, Blue 1 1½ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: JR SMITS

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

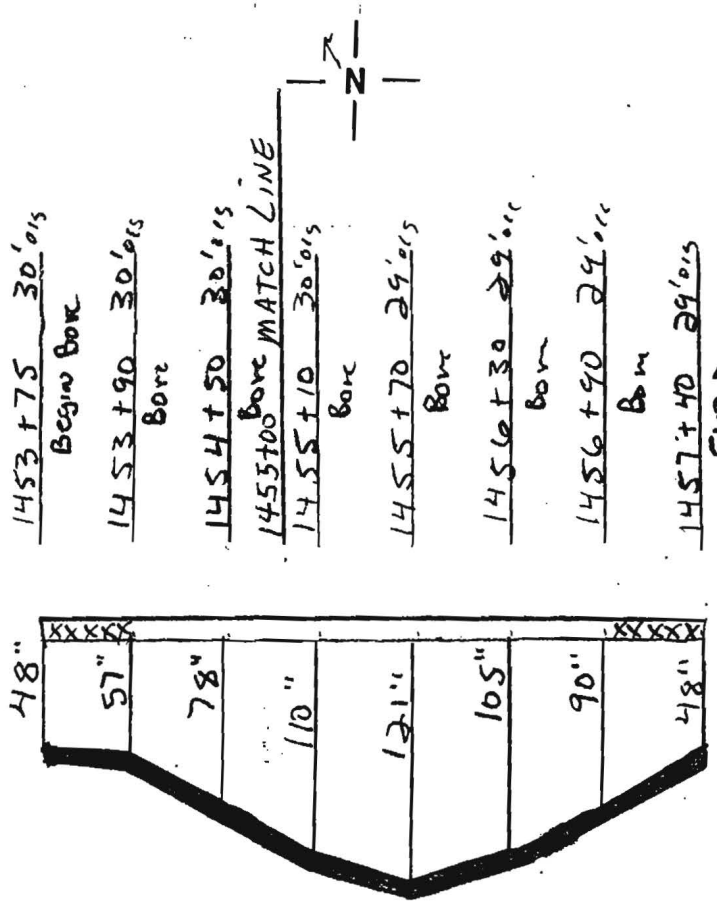
Contract No. 99P154.16

Page No. 2 of

Drawing #: SHLR 237, 238

From: POINT ARENA

To: SACRAMENTO



Notes:

2 1½ HDPE Orange, Blue

1 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: JR SMITH

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1455+00 MARKER POLE

1457+60 SPLICE MH 29'01/5 48"
1454+40 67'RT. POLE
1454+51 15'RT. C/L DRIVEWAY
1454+59 FENCE CORNER
1454+62 87'RT. CULVERT
1454+62 86'RT. CULVERT
1454+62 73'RT. POWER POLE
1454+78 14'RT. CULVERT
1454+95 9'RT. CULVERT
1455+03 14'RT. FENCE

1459+88 MARKER POLE

1458+59 60'RT. TELE. POLE
1458+65 65'RT. POLE

1463+25 SPLICE MH 29'01/5 48"

1461+09 61'RT. TELE. POLE

1461+14 SPLICE MH 29'01/5 48"
1461+39 11'RT. C/L DRIVEWAY
1461+44 57'RT. CULVERT
1461+46 57'RT. CULVERT
1461+49 11'RT. FENCE

1463+56 62'RT. TELE. POLE

1466+71 MARKER POLE

ROAD STATIONING

POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO

#1

#1

#2

#3

MATCH LINE 1455+00

SHT. 237-SPRD 4

1455+08

1457+40

1457+60

1458+00

1459+00

1460+00

1461+00

1462+00

1463+00

1464+00

1465+00

1466+00

1467+00

MATCH LINE 1467+00

SHT. 239-SPRD 4

24" SDR 26

24" SDR 26

24" SDR 26

38'

36'

38'

34'

RIGHT-OF-WAY BY OCCUPATION

OLD ADOBE ROAD

SIGN

SIGN

PROPOSED WILLIAMS FIBER ROUTE

BEG TRENCH

END TRENCH

BEG TRENCH

END TRENCH

1455+00 30" SDR 26 110'	29°01'S 12'W	29°01'S 105'W	29°01'S 90'W	1457+40 FLOW LINE	1457+60 BEG FLOW	29°01'S 48"W	29°01'S 48"W	29°01'S 48"W	1463+35 END FLOW	1464+14 BEG FLOW	29°01'S 48"W	1467+00
1455+10	1455+70	1456+30	1456+90	1457+40	1457+60	1458+00	1460+00	1462+00	1463+35	1464+14	1466+00	

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK 1-1.5" HDPE BLUE 1-1.5" HDPE ORANGE

1455+00 1455+09 9'	1455+05 1457+40 235'	1457+40 1457+60 20'		1457+60 1463+35 575'		1463+35 1464+14 79'	1464+14 1467+00 286'
1.11 @ 3.21 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1-9.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1-9.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1.9.01 TIDWELL		1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.29.00 TIDWELL	6GA TRACER WIRE J. SINCRAUGH 6.15.01 IN BLACK 1.75" HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.29.00	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.29.00 TIDWELL

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- OS Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./JcL
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-238-SPRD 4

Williams Construct[illegible] As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date:

Page No. 1

Drawing #: SACR 237.238

From: POINT AREMA

To: SACRAMENTO

N

1453+75 30'.48" Begin Bor

1453+90 30'0"S 57" Bore

1454+50 30'0"S 78" Bore

14555+00 MATCH LINE

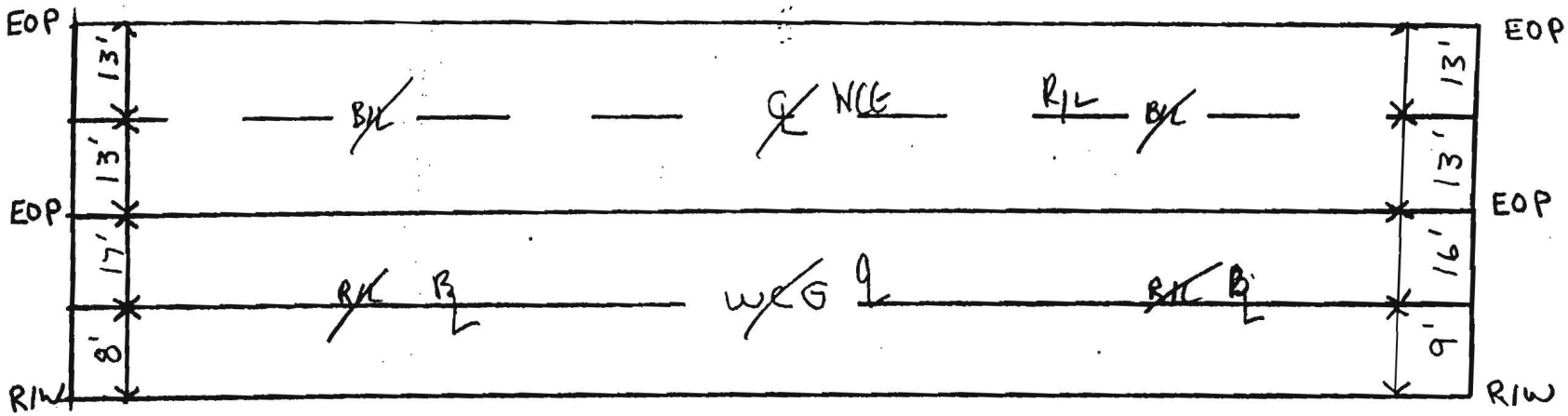
1455+10 30'0"S 10" Bore

1455+70 29'0"S 121" Bore

1456+30 29'0"S 105" Bore

1456+90 29'0"S 90" Bore

1457+40 29'0"S 48" END Bore



Notes: 2 1½ HDPE orange, Blue

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: JR Smith

Williams

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

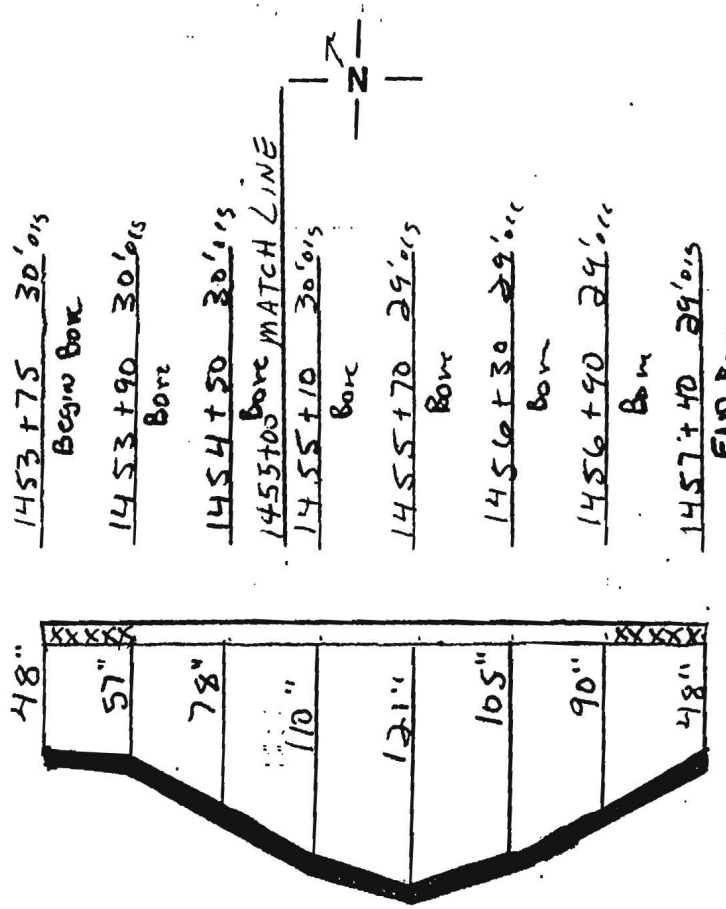
Page No. 2 of

Drawing #:

SALE 237, 238

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue 1 1½ HDPE Black	Sonoma	T. dwell
	Duct Configuration:	Inspector: JR SMHS

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1457+60	29'	48"		BEGIN PLOW NORTH SIDE RD
1458+60	29'	48"		
1460+00	29'	48"		
1462+00	29'	48		
1463+35	29'	48		END PLOW
1464+14	29'	48"		BEGIN [redacted] PLOW NORTH SIDE RD
1466+00	29'	48		
				MATCHLINE

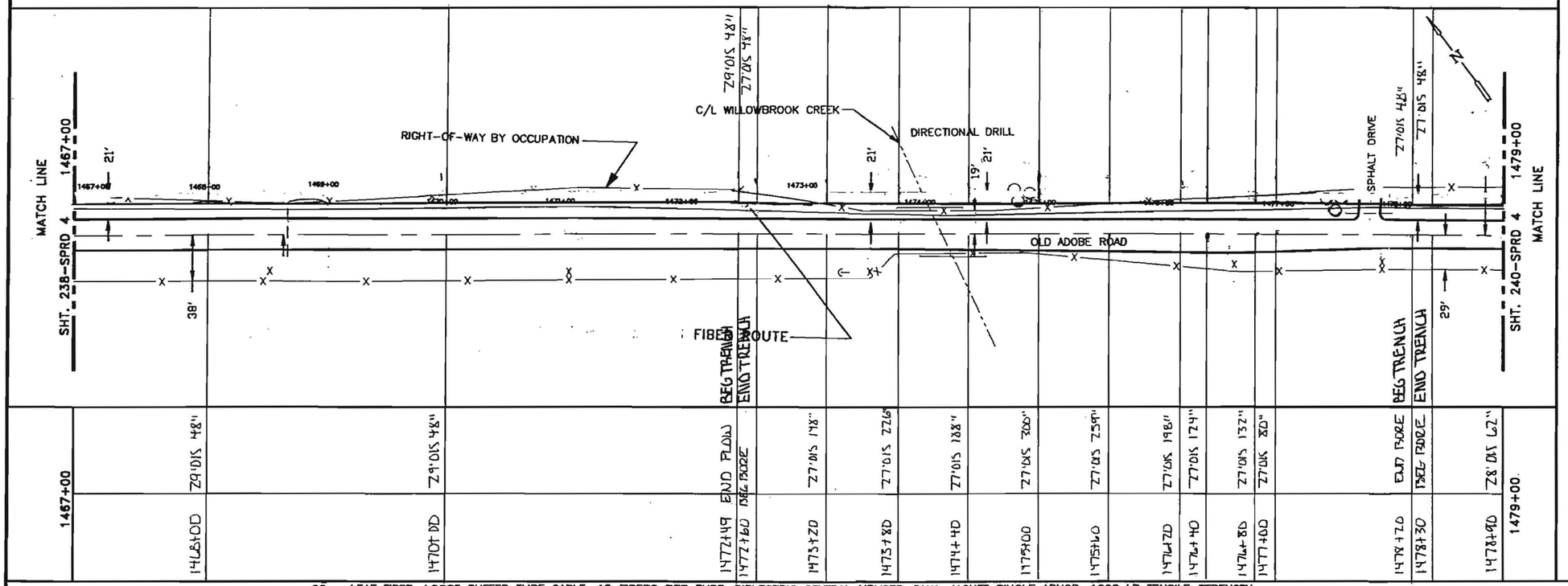
OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

1466+08 63'RT. TELE. POLE
1468+54 64'RT. TRAFFIC SIG.
1468+68 13'RT. CULVERT
1468+69 13'RT. CULVERT
1471+51 SPLICE #11 28'09" 48"
1473+76 MARKER POLE
1471+06 64'RT. POWER POLE
1473+33 64'RT. POLE
1473+56 64'RT. POWER POLE
1473+80 12'RT. HEADWALL
1474+00 51'RT. HEADWALL
1474+10 17'RT. CULVERT
1474+25 50'RT. CULVERT
1474+34 11'RT. HEADWALL
1474+54 51'RT. HEADWALL
1478+25 SPLICE #11 27'01" 48"

ROAD STATIONING

← POINT ARENA
SONOMA COUNTY CALIFORNIA
SACRAMENTO →



| 1467+00 | | |

DAILY TRENCHING: WILLIAMS FIBER ROUTE

MATCH LINE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1468+00	29'	48"		NORTH SIDE RD
1470+00	29'	48"		PLOW
1472+49	29'	48"		END PLOW

DATE:	12-29-00	CONTRACTOR:	TIDWELL
COUNTY:	SONOMA	INSPECTOR:	JR SMITS
ALIGN. SHT. #		PROJECT:	48

Williams Construct[illegible]s-Built Documentation

Spread Location:

Spread No. 4B

AFE No. 4875

Contract No. 99P154-16

Date: 1-18-[illegible]

Page No. 1 [illegible]

Drawing #: SACR 239

From: POINT ARENA

To: SACRAMENTO

N

1472+60 27'o/s 48" Begin Bore

1473+20 27'o/s 148" Bore

1473+80 27'o/s 226" Bore

1474+40 27'o/s 188" Bore

1475+00 27'o/s 300" Bore

1475+60 27'o/s 259" Bore

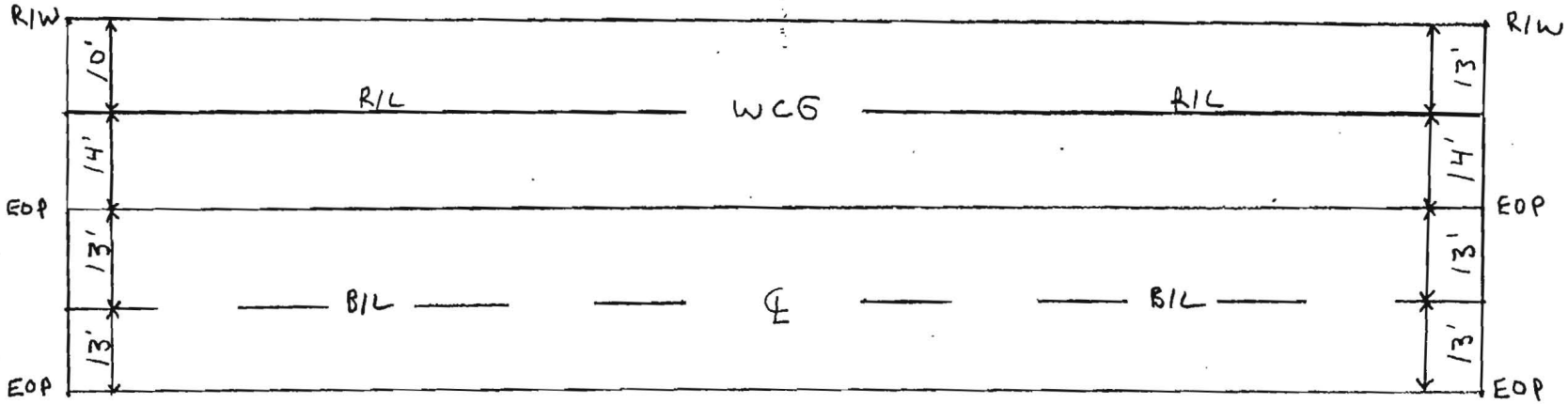
1476+20 27'o/s 198" Bore

1476+80 27'o/s 133" Bore

1476+40 27'o/s 124" Bore

1477+00 27'o/s 80" Bore

1478+20 27'o/s 48" END Bore



Notes:

21½ HDPE orange, Blue

County: SONOMA

Duct Configuration:

Contractor: Tidwell

Inspector: JR SMITS

Williams

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Page No. 2 of

Drawing #: SAKR 239

From: POINT ARENA

To: SACRAMENTO

N

1472+60 27'0/S Begin Bore

1473+20 27'0/S Bore

1473+80 27'0/S Bore

1474+40 27'0/S Bore

1475+00 27'0/S Bore

1475+60 27'0/S Bore

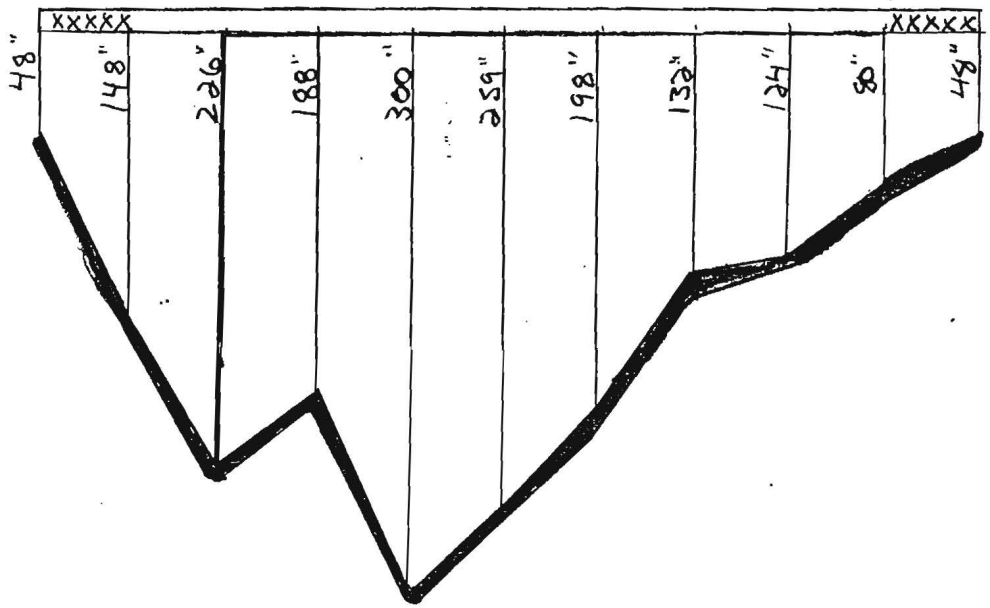
1476+20 27'0/S Bore

1476+80 27'0/S Bore

1477+40 27'0/S Bore

1478+00 27'0/S Bore

1478+20 27'0/S End Bore



Notes:

2 1½ HDPE Orange, Blue

1 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: JR SMHS

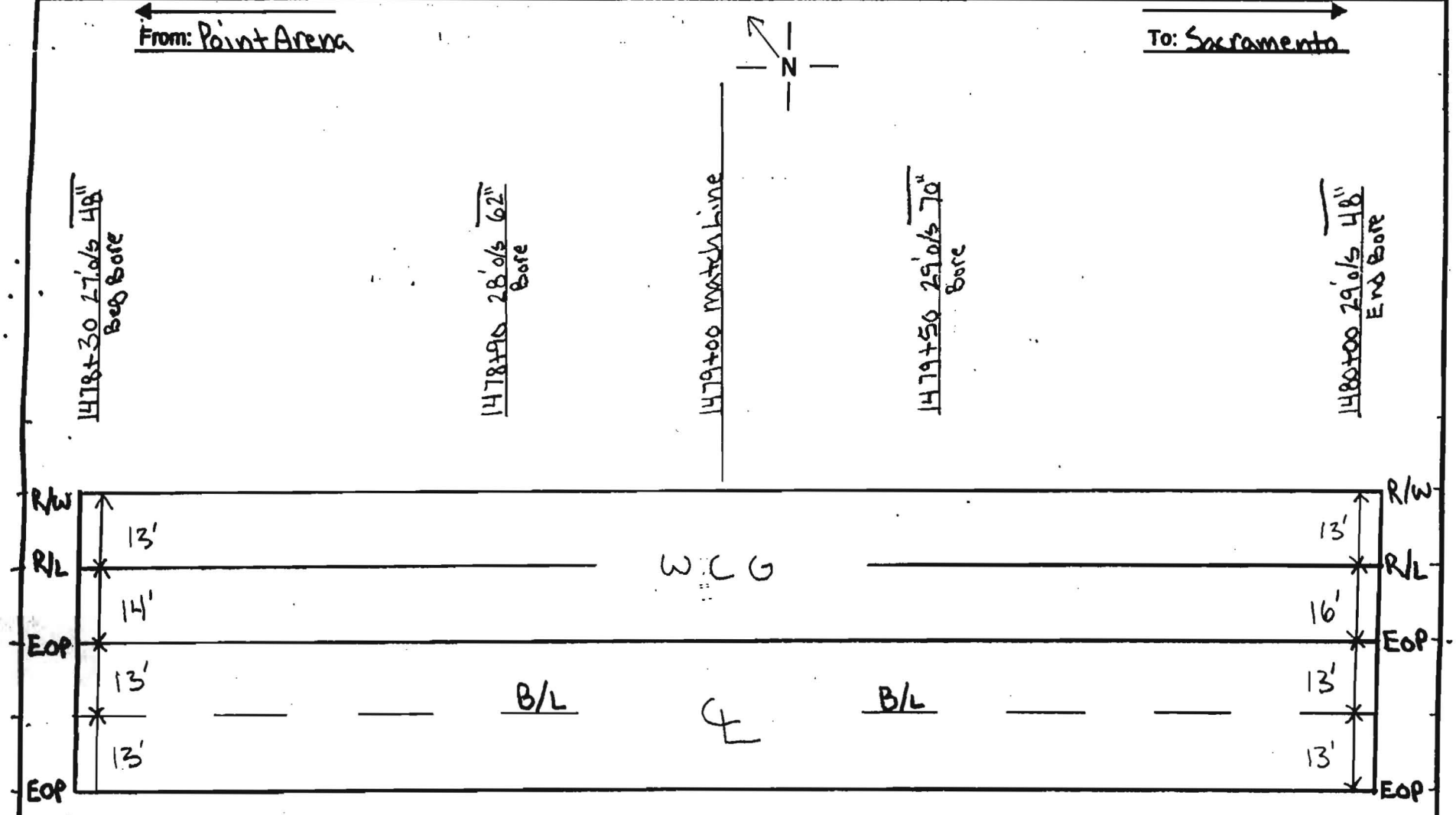
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-2[illegible]01
Page No. 1 [illegible]
Drawing #: Sacr-239, 240

From: Point Arena

To: Sacramento



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black		County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: Jeb Sincraugh

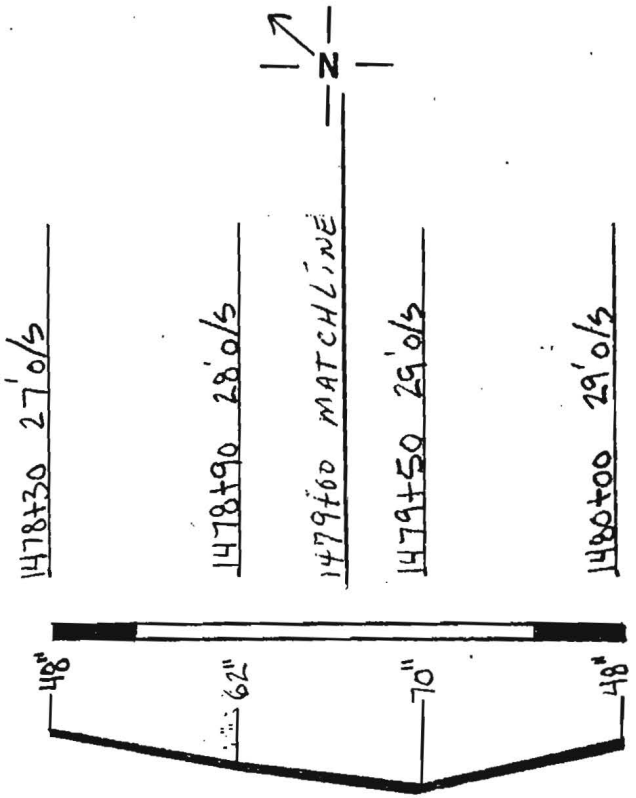
Williams Construct[illegible] As-Built Documentation

Spread Location: n/a Bosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-[illegible]
Page No. 2 o[illegible]
Drawing #: Sacs - 239, 240

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

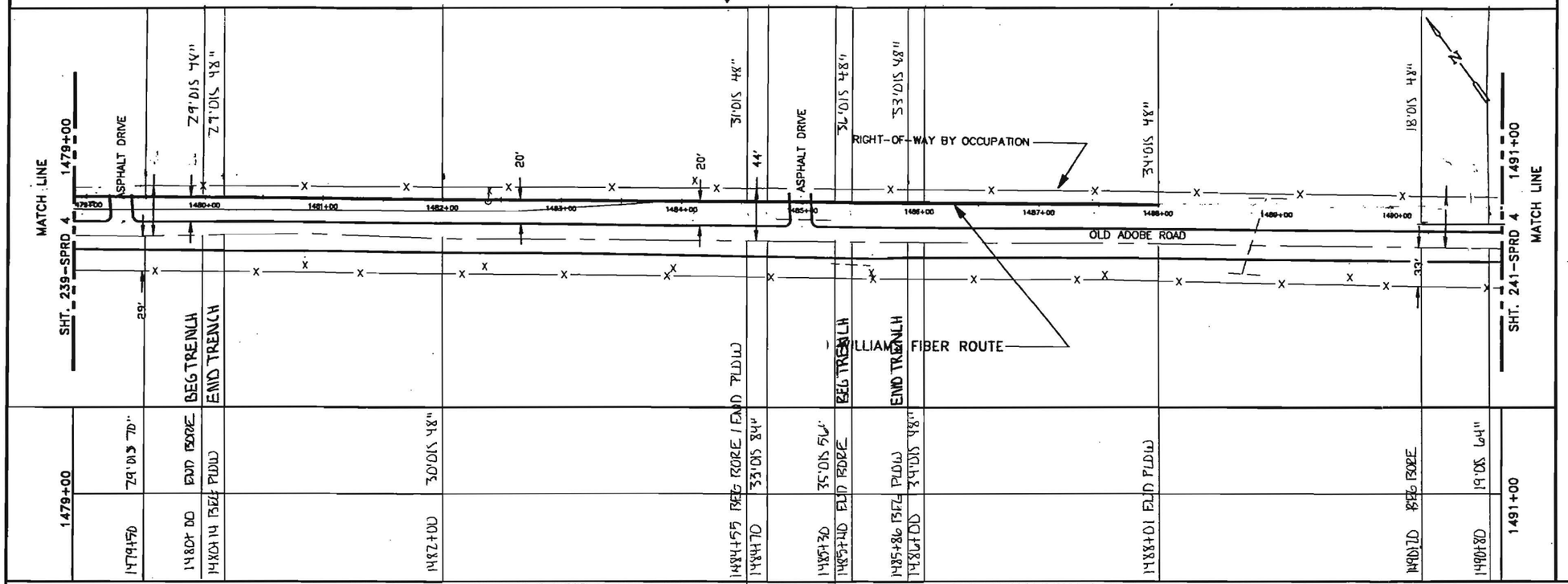
1476+62 57'RT. POWER POLE
1480+08 SPLICE MH 29'0/S 48"
1477+55 14'RT. CULVERT
1477+75 9'RT. C/L HARDIN LANE
1477+86 54'RT. POWER POLE
1477+87 61'LT. FENCE CORNER
1477+93 13'RT. CULVERT
1479+09 7'LT. FENCE CORNER
1479+30 10'RT. C/L JACOBSEN L
1478+44 8'LT. FENCE CORNER
1480+84 54'RT. UTIL POLE
1484+41 MARKER POLE
1484+55 SPLICE MH 31'0/S 48"
1482+35 54'RT. UTIL POLE
1482+37 1'RT. POLE
1482+38 7'LT. UTIL POLE
1483+93 55'RT. UTIL POLE
1484+09 17'LT. UTIL POLE
1484+78 13'RT. CULVERT
1484+98 1'LT. C/L DRIVEWAY
1485+23 14'RT. CULVERT
1485+25 50'RT. CULVERT
1485+57 51'RT. CULVERT
1485+58 57'RT. UTIL POLE
1487+54 57'RT. UTIL POLE

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY CALIFORNIA

SACRAMENTO →



| 1479+00 | 29'0/S 44" | BEG TRENCH | | |

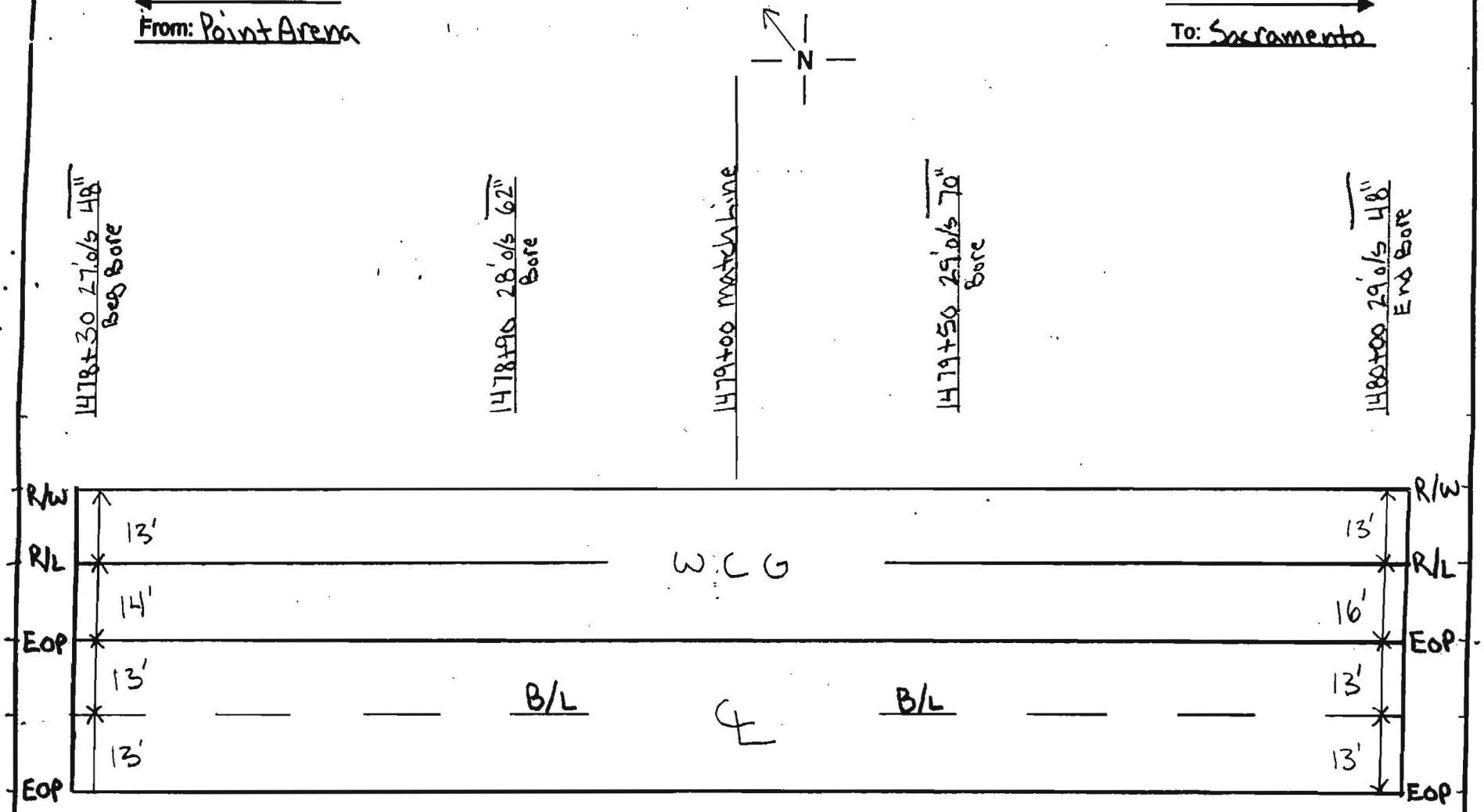
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-2-01
Page No. 1 of 2
Drawing #: Sacr-239, 240

From: Point Arena

To: Sacramento



Notes: 2-1½ HDPE Orange, Blue 1-¼ HDPE Black		County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: Jeb Sincraugh

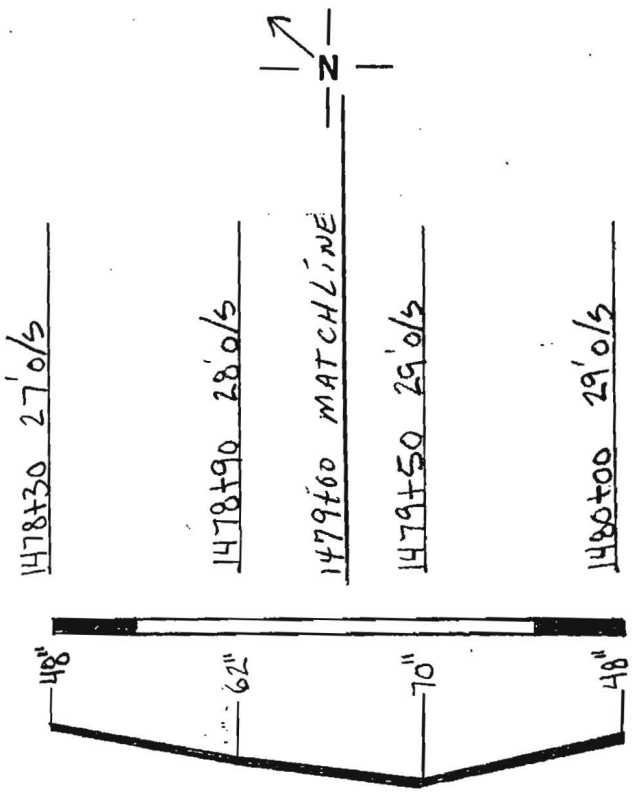
Williams Construc[illegible] As-Built Documentation

Spread Location: nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-20[illegible]
Page No. 2 o[illegible]
Drawing #: Sacr - 239, 240

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE orange, Blue 1 - 1¼ HDPE Black	**County:** Sonoma	**Contractor:** Tidwell
	Duct Configuration:	**Inspector:** Seb Singraugh

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1480+14	29'	48"		BEGIN PLOW NORTH SIDE RD
1482+00	30'	48"		↓
1484+54	31'	48"		END PLOW ↓
1485+86	33'	48"		BEGIN PLOW NORTH SIDE RD
1486+00	34'	48"		↓
1488+01	34'	48"		END PLOW ↓

DATE:	12-28-00	CONTRACTOR:	TIDWELL
COUNTY:	SONOMA	INSPECTOR:	JR SMITS
ALIGN. SHT. #		PROJECT:	4B

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. SouthN4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-9
Page No. 1
Drawing #: Socs-240-4

From: Point Arena

N

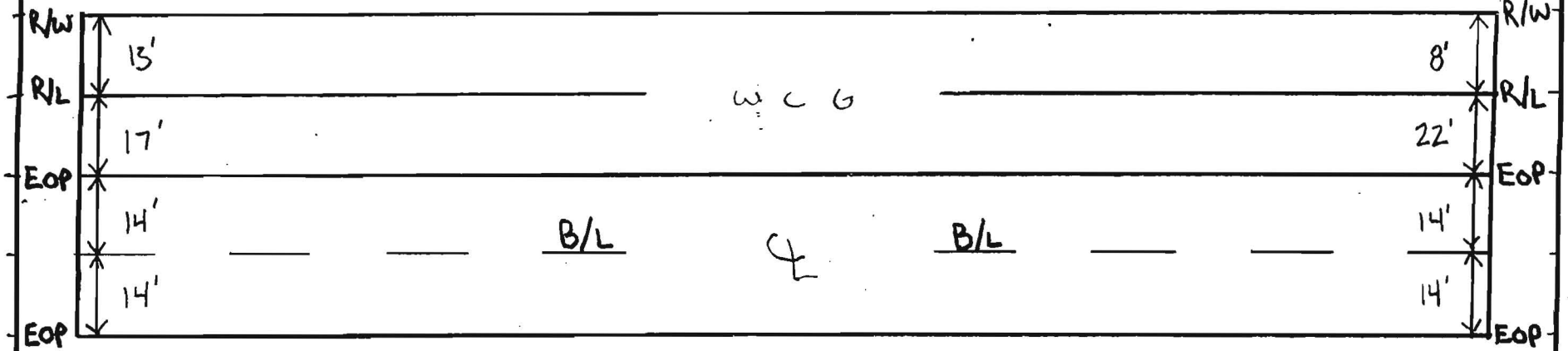
To: Sacramento

1484455 31'o/s 48" Beg Bore.

1484470 33'o/s 84" Bore

1485+30 35'o/s 56" Bore

1485+40 36'o/s 48" End Bore



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black		County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construc As-Built Documentation

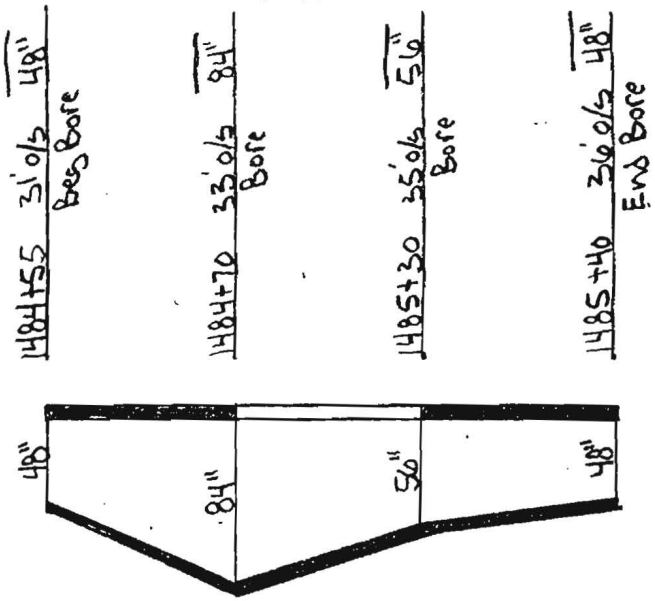
Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-9-
Page No. 2
Drawing #: Sacr-240-4

From: Point Arena

To: Sacramento





Notes: 1 - 1 ½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1480+14	29'	48"		BEGIN PLOW NORTH SIDE RD
1482+00	30'	48"		↓
1484+54	31'	48"		END PLOW ↓
1485+86	33'	48"		BEGIN PLOW NORTH SIDE RD
1486+00	34'	48"		↓
1488+01	34'	48"		END PLOW ↓

DATE:	12-28-00	CONTRACTOR:	TIDWELL
COUNTY:	SONOMA	INSPECTOR:	JR SMITS
ALIGN. SHT. #		PROJECT:	4B

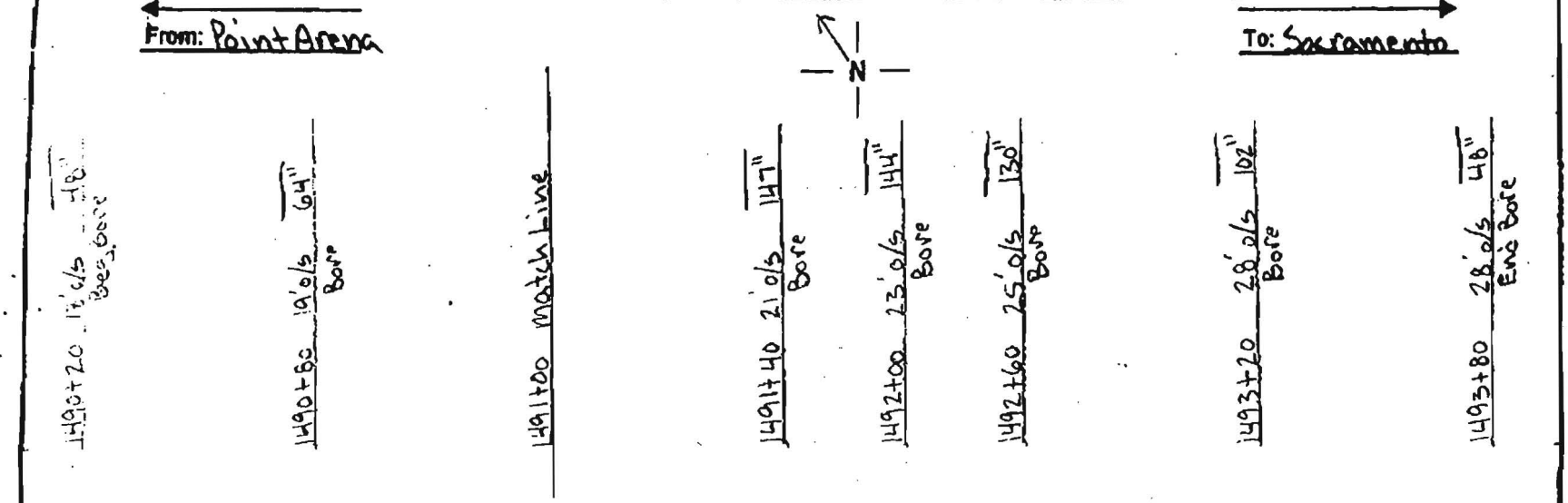
FROM : Ken Pothier FAX NO. : 206 367 8489 Oct. 16 2001 05:51PM P3

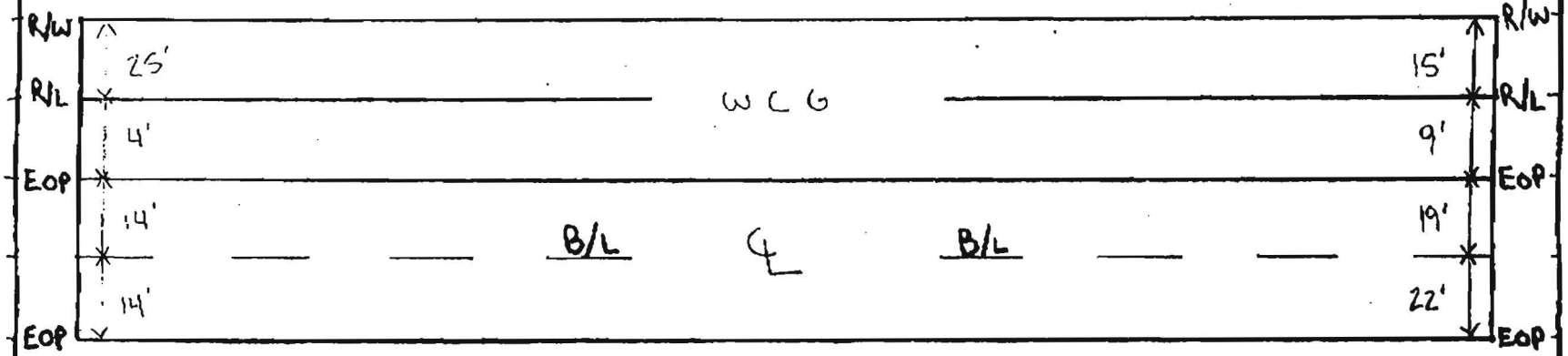
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No.
AFE No. 4875
Contract No.

Date: 1-5-01
Page No. 1 of 2
Drawing #: Sasr-240, 241-4

From: Point Arena — To: Sacramento





Notes: 2 - 1/2 HDPE Orange, Blue; 1 - 1/4 HDPE Black		County: Sonoma	Contractor: Tidwell (MGE)
		Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construction As-Built Documentation

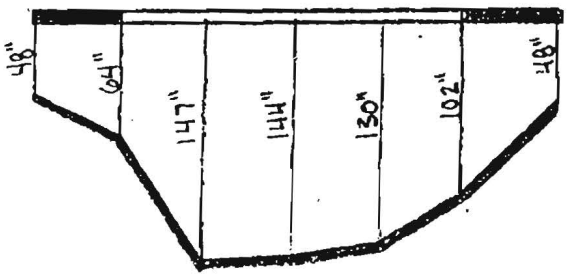
Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-5-01
Page No. 2 of 2
Drawing #: SoCr-249241-4

From: Point Arena — To: Sacramento



1490+20	18'0/s	48" Beg Bore
1490+80	19'0/s	64" Bore
1491+40	21'0/s	147" Bore
1492+00	23'0/s	144" Bore
1492+60	25'0/s	130" Bore
1493+20	28'0/s	102" Bore
1493+80	28'0/s	48" End Bore



Notes: 2- 1½ HDPE orange, Blue 1- 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell (MGE)
	Duct Configuration:	Inspector: Deb Sincraugh

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1497+84 SPLICE AH 28'0/S 48"

1497+20 SPLICE AH 29'0/S

1497+14 SPLICE AH 29'0/S

1497+12 HAND HOLE 26'0/S

1496+08 71'RT. UTILITY BOX

1494+68 MARKER POLE

1497+63 80'RT. FENCE CORNER

1497+84 74'RT. UTILITY POLE
1497+89 94'RT. GAS LINE
1498+00 75'RT. WATER VALVE

1498+20 11'RT. POLE
1498+45 9'RT. CULVERT
1498+51 2'RT. WILLOWBROOKCRK
1498+51 4'RT. WILLOWBROOKCRK
1498+70 8'RT. POLE

1498+75 82'RT. FENCE CORNER
1498+76 14'RT. UTIL. POLE
1498+90 81'LT. FENCE CORNER
1499+01 77'RT. RET. WALL
1499+20 73'RT. RET. WALL

1499+61 72'RT. RET. WALL

1499+78 81'RT. RETAINING WALL
1499+79 82'RT. GAS LINE
1499+83 82'RT. GAS LINE
1499+83 82'RT. RETAINING WALL

1485+26 1'LT. FENCE CORNER

1493+51 64'RT. UTIL. POLE
1493+10 MARKER POLE

1491+59 58'RT. UTIL. POLE

1491+85 3'LT. CULVERT

1492+21 17'RT. CULVERT
1492+22 50'RT. CULVERT

1491+46 MARKER POLE

#3 ROAD #2 #1 STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

MATCH LINE
SHT. 240-SPRD 4
1491+00

RIGHT-OF-WAY BY OCCUPATION

29'0/S 48"

20'

ASPHALT DRIVE

29'0/S 48"

29'0/S 48"

DIRECTIONAL BORE
UNDER HARDIN LAND
MIN [illegible] DEPTH

HARDIN LANE

ASPHALT DRIVE

WOODED AREA

MATCH LINE
SHT. 242-SPRD 4
1503+00

33'

WILLIAMS FIBER ROUTE

BEG TRENCH
END TRENCH

BEG TRENCH
END TRENCH

CORONA ROAD

OLD ADOBE ROAD

ASPHALT DRIVE

43'

1491+00																												1503+00
1491+46	21'0/S 147"	1492+00	23'0/S 144"	1492+60	25'0/S 130"	1493+20	28'0/S 102"	1493+80	END BORE	1493+90	BEG BORE	1494+50	29'0/S 93"	1494+10	28'0/S 110"	1495+70	28'0/S 108"	1496+30	28'0/S 87"	1496+90	29'0/S 72"	1497+15	END BORE	1497+25	BEG BORE	1497+40	29'0/S 98"	1498+00	29'0/S 102"	1498+60	29'0/S 115"	1499+20	27'0/S 107"	1499+80	27'0/S 124"	1500+40	27'0/S 102"	1501+00	25'0/S 90"	1501+60	23'0/S 89"	1502+20	23'0/S 92"	1502+80	21'0/S 86"

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK - 1-1.5" HDPE BLUE - 1-1.5" HDPE ORANGE

1491+00		1493+80	1493+90	1497+15		1497+25	1500+00	
1493+80		1493+90	1497+15	1497+25		1500+00	1505+00	
280'		10'	325'	10'		275'	300'	
1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.05.01 MGE		1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.6.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.6.01 MGE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 3.12.01 TIDWELL	6GA TRACER WIRE J. SINCRAUGH 6.15.01 IN BLACK 1.25" HDPE		1.11 @3.21 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.5.01 MGE	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.5.01 MGE	

...e installed under cross culverts.
...ssings will be bored.
...vation within the fill slope of the road section.
...tion of begin bore and end bore will be
... avoid existin utilities as located by
... potholing.
... pavement will be bored unless other
... approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- OR Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line end/or White Line
- Regen Site
- P.O.P./Act.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION
- CABLE FIBER COUNT MFG. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
- INNERDUCT & TYPE (CORR/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE UNIT PLACE
- FUTURE-2
- FUTURE-3
- FUTURE-4

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	

DRAWING NUMBER : SACR-241-SPRD 4

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. 4875
AFE No. 4875
Contract No. 99P154.16

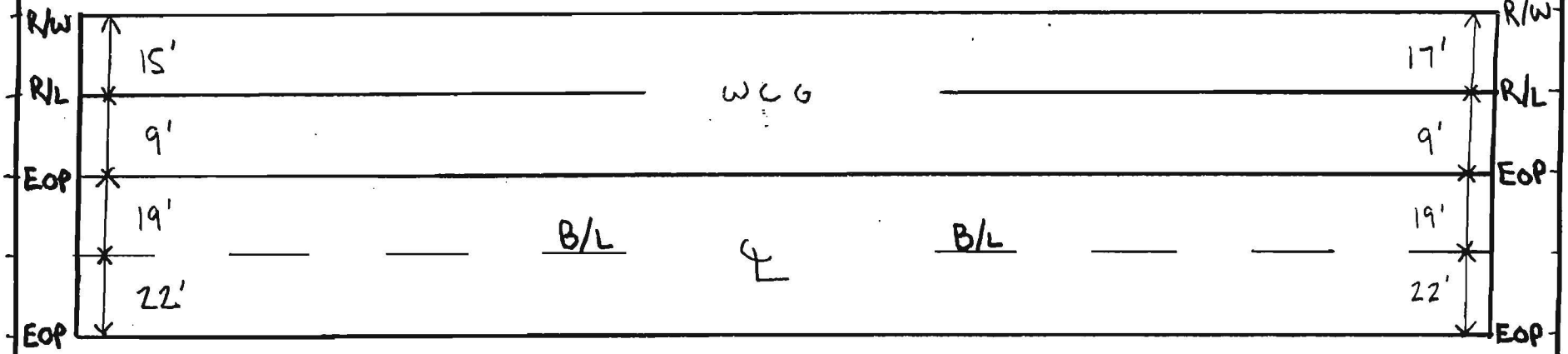
Date: 1-6
Page No. 1
Drawing #: Sacr-241-4

From: Point Arena

To: Sacramento

N

1493+90	1494+50	1495+10	1495+70	1496+30	1496+90	1497+15
28'o/s	28'o/s	28'o/s	28'o/s	28'o/s	29'o/s	29'o/s
48"	93"	110"	108"	87"	62"	49"
Beg Bore	Bore	Bore	Bore	Bore	Bore	End Bore



Notes: 2- 1½ HDPE Orange, Blue
1- 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (MGE)

Inspector: Jeb Sincraugh

Williams Construct[illegible]s-Built Documentation

Spread Location: Santa Rosa
Spread No. South54B
AFE No. 4875
Contract No. 99P154.16

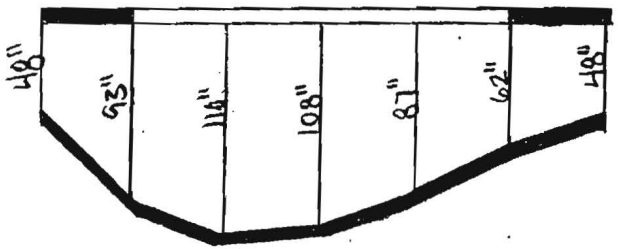
Date: 1-6-0[illegible]
Page No. 2 o[illegible]
Drawing #: Sacr-241-4

From: Point Arena

To: Sacramento

N

1493+90	28' o/s	48" Beg Bore
1494+50	28' o/s	93" Bore
1495+10	28' o/s	110" Bore
1495+70	28' o/s	108" Bore
1496+30	28' o/s	87" Bore
1496+90	29' o/s	62" Bore
1497+15	29' o/s	48" End Bore



Notes: 2 - 1 1/2 HDPE Orange, Blue 1 - 1 1/4 HDPE Black	County: Sonoma	Contractor: T. Idwell (MGE)
	Duct Configuration:	Inspector: Jeb Sincraugh

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

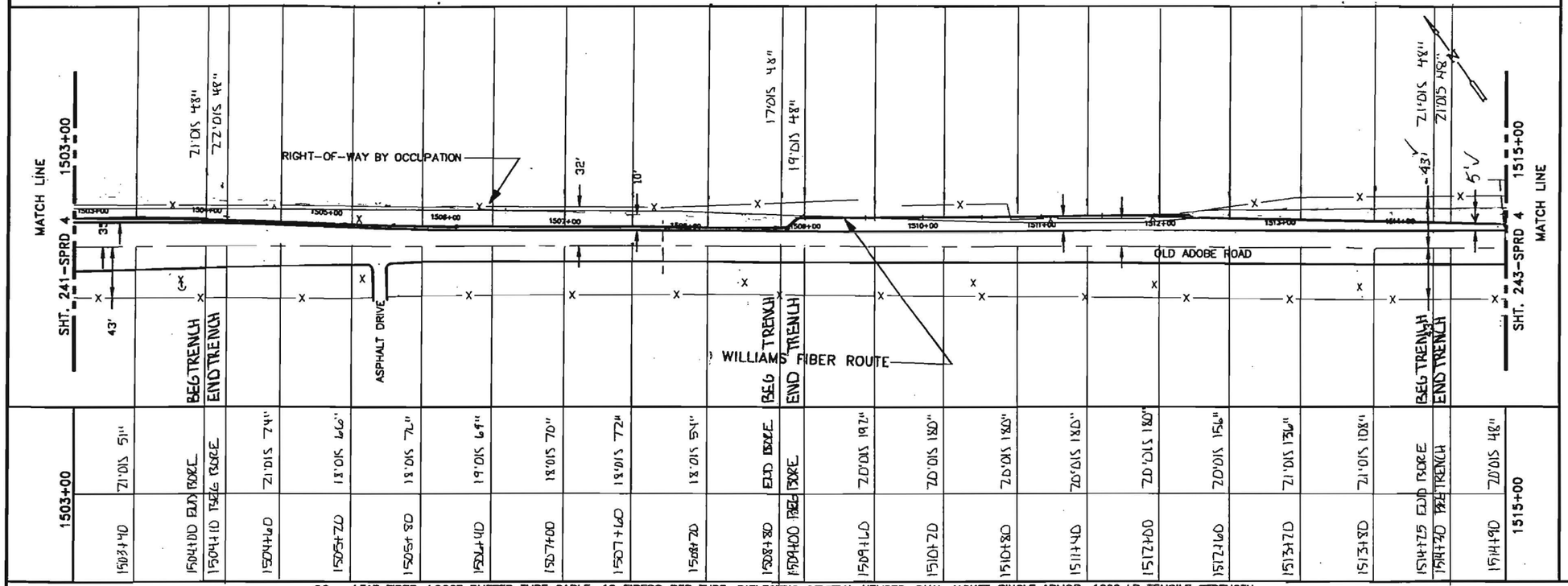
1500+11 71'RT. RET. WALL
1500+72 69'RT. RET. WALL
1500+88 17'RT. RET. WALL
1500+92 72'RT. RET. WALL
1501+02 8'RT. FENCE
1501+03 8'RT. FENCE CORNER
1501+14 RET. WALL
1501+28 8'RT. C/L DRIVEWAY
1501+44 6'RT. RET. WALL
1501+44 70'RT. UTILITY BOX
1501+48 8'RT. FENCE CORNER
1501+49 6'RT. FENCE CORNER
1501+67 19'RT. RET. WALL
1504+05 SPLICE PAN 21'DIS 48"
1505+91 MARKER POLE
1503+78 66'RT. UTIL. POLE
1503+80 72'RT. POWER POLE
1505+23 76'RT. FENCE CORNER
1505+26 11'RT. WATER VALVE
1505+31 60'RT. UTIL. POLE
1505+63 73'RT. FENCE CORNER
1508+90 SPLICE PAN 18'DIS 48"
1507+80 4'LT. CULVERT
1507+80 4'LT. CULVERT
1507+82 46'RT. CULVERT
1508+43 62'RT. FENCE CORNER
1508+48 53'RT. UTIL. POLE
1508+76 63'RT. FENCE CORNER
1509+43 14'LT. FENCE CORNER
1509+82 9'LT. FENCE CORNER
1510+42 53'RT. UTIL. POLE
1513+52 MARKER POLE
1510+73 1'RT. SANITARY C/O
1514+28 SPLICE PAN 21'DIS 48"
1511+83 2'RT. SEWER LINE
1511+94 57'RT. UTIL. POLE

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY CALIFORNIA

SACRAMENTO →



1503+00	21'DIS 51"	BEG TRENCH	21'DIS 74"	18'DIS 66"	18'DIS 72"	19'DIS 69"	18'DIS 70"	18'DIS 72"	18'DIS 54"	EXIST FIBER	END TRENCH	20'DIS 192"	20'DIS 180"	20'DIS 180"	20'DIS 180"	20'DIS 180"	20'DIS 156"	21'DIS 136"	21'DIS 108"	BEG TRENCH	20'DIS 48"	1515+00	
1503+40		EXIST FIBER	1504+60	1505+70	1505+80	1504+10	1507+00	1507+60	1508+20	1508+80	EXIST FIBER	1509+40	1510+20	1510+80	1511+40	1512+00	1512+60	1513+20	1513+80	1514+25	1514+30	1514+90	

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE 1-1.50" HDPE BLUE 1-1.5" HDPE ORANGE

1503+00	1504+00	1504+10	1508+80		1509+00	1514+25	1514+30	1515+00
1504+00	1504+10	1508+80	1509+00		1514+25	1514+30	1515+00	
100'	10'	410'	20'		525'	5'	70'	
1-11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.9.01 MGE	1-11 2-1.5" HDPE 1-1.25 HDPE JEB SINCRAUGH 1.5.01 TIDWELL	1-11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1.4.01 MGE	1-11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1.4.01 TIDWELL		1-11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.3.01 TIDWELL	1-11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2.8.01 TIDWELL	1-11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2.8.01 TIDWELL	

6 GA TRACER WIRE
J. SINCRAUGH
6.15.01
IN BLACK 1.25" HDPE

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Act.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

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1-800-227-2600

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-242-SPRD 4

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Page No. 1

Drawing #: SACR 242

From: POINT AREVA

To: Sacramento

N

1504+10 22'o's 48" Begin Bore

1504+60 21'o's 74" Bore

1505+20 18'o's 66" Bore

1505+80 18'o's 76" Bore

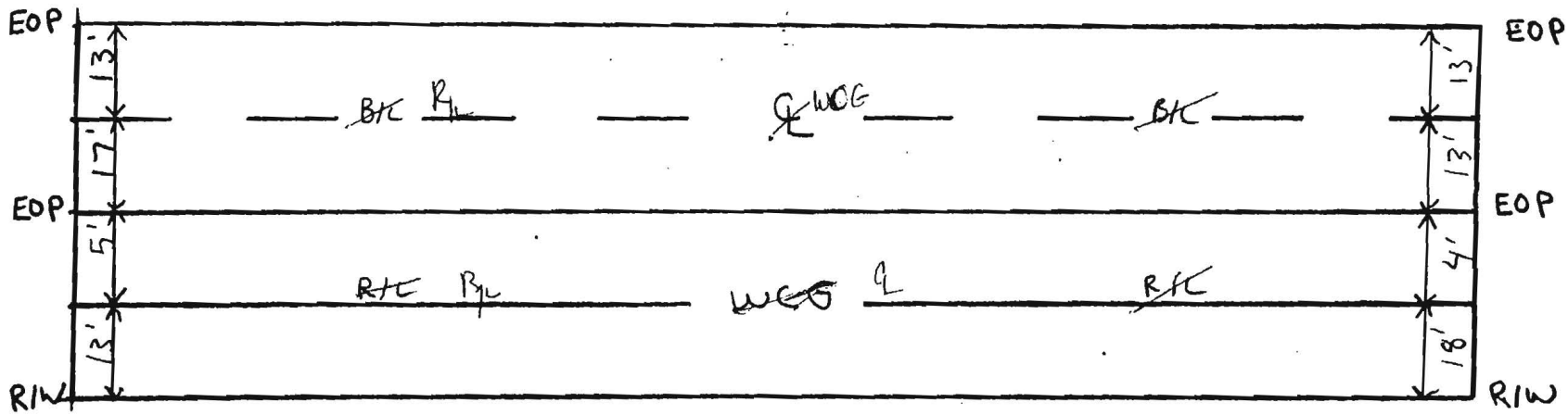
1506+40 19'o's 69" Bore

1507+00 18'o's 70" Bore

1507+60 18'o's 72" Bore

1508+20 18'o's 54" Bore

1508+80 17'o's 48" END Bore



* Drawing was returned to inspector to correct; was not done

Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell / MGE
1 1½ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Construction As-Built Documentation

Spread Location:
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

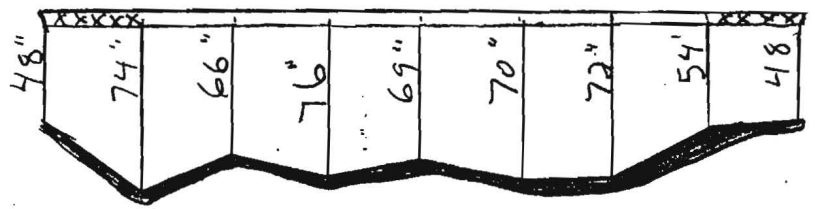
Page No. 2 of
Drawing #: SHCP 247

From: POINT ARENA

To: SACRAMENTO

N

1504+10 22'0"S Begin Bore
1504+60 21'0"S Bore
1505+20 18'0"S Bore
1505+80 18'0"S Bore
1506+40 19'0"S Bore
1507+00 18'0"S Bore
1507+60 18'0"S Bore
1508+20 18'0"S Bore
1508+80 17'0"S End Bore



Notes:
2 1½ HDPE Orange, Blue
1 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell/MGE

Inspector: JR SMHS

Williams

Williams Construction - As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

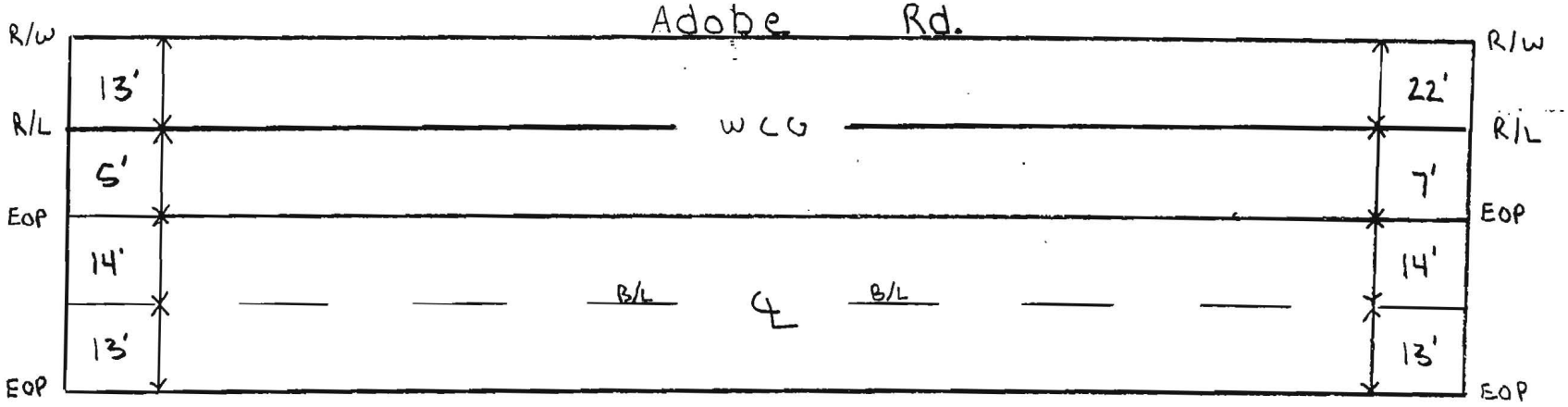
Date: 1-3
Page No. 1
Drawing #: Sacr-242-4

From: Point Arena

N

To: Sacramento

1509+00	19'o/s	48"	Beg Bore
1509+60	20'o/s	192"	Bore
1510+20	20'o/s	180"	Bore
1510+80	20'o/s	180"	Bore
1511+40	20'o/s	180"	Bore
1512+00	20'o/s	180"	Bore
1512+60	20'o/s	156"	Bore
1513+20	21'o/s	136"	Bore
1513+80	21'o/s	108"	Bore
1514+25	21'o/s	48"	End Bore



Notes: 2 - 1½ HDPE orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

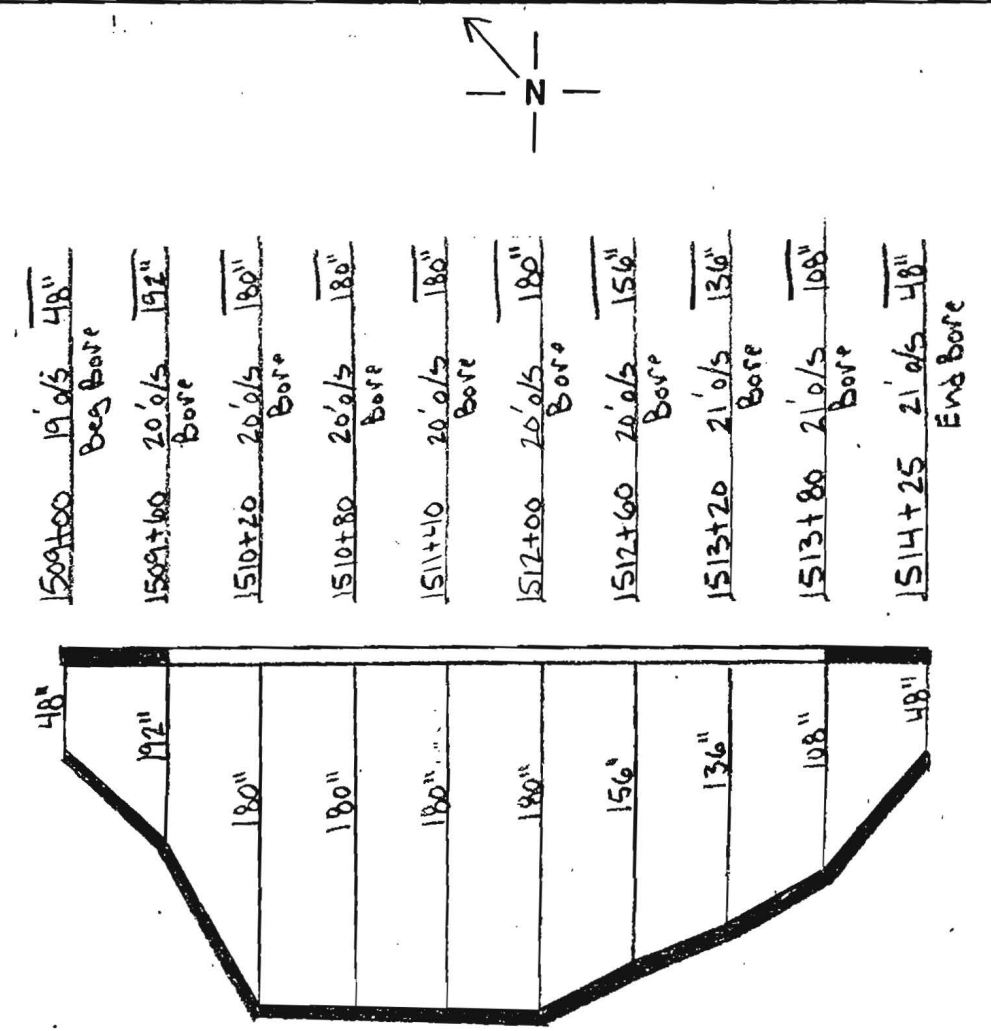
Williams Construct[illegible] As-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-3-[illegible]
Page No. 2 of [illegible]
Drawing #: Sacr-242-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell (PinPoint)
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154016

Date: 2-8-01
Page No. 1
Drawing #: Sacr-242,243

From: Point Arena

To: Sacramento

N

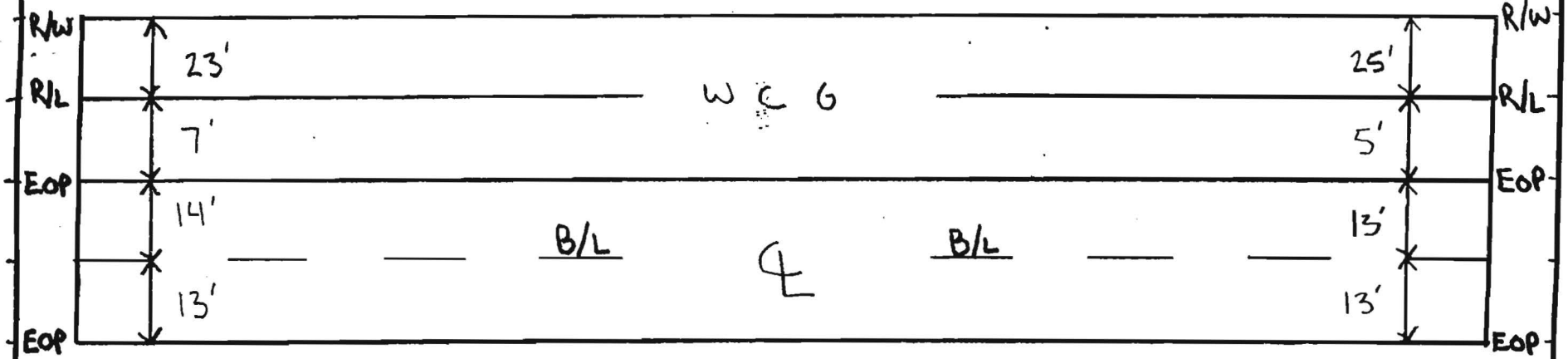
1514+30 21 o/s 48" Beg Trench

1514+90 20 o/s 48" Trench

1515+00 Matchline

1515+50 20 o/s 48" Trench

1515+55 18 o/s 48" End Trench



DON'T HAVE PROFILE

Notes: 2- 1½ HDPE Orange, Blue 1- 1¼ HDPE Black		County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: Jeb Sincraugh

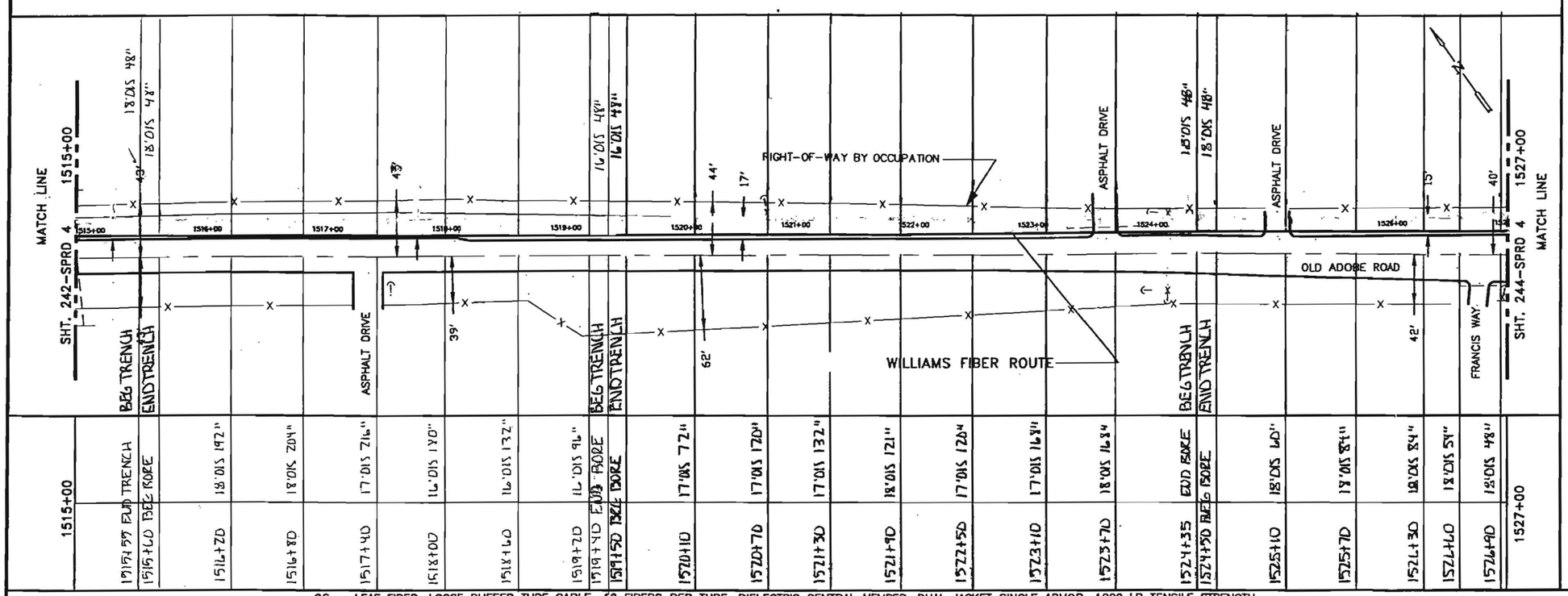
OWNERSHIP: COUNTY OF SONOMA

FIBER STATIONING

1515+57 SPLICE AH 18'0/S 48" | 1512+98 7'RT. CULVERT | 1513+18 1'RT. CULVERT | 1513+62 60'RT. UTIL POLE | 1514+62 11'RT. C/L DRIVEWAY | 1514+85 31'LT. CULVERT | 1514+87 11'RT. CULVERT | 1514+92 11'RT. FENCE | 1514+93 85'RT. POLE | 1517+45 SPLICE AH 16'0/S 48" | 1517+52 53'RT. POLE | 1517+52 61'RT. UTIL POLE | 1517+67 68'RT. FENCE CORNER | 1520+73 16'LT. POLE | 1520+79 MARKER POLE | 1518+46 14'LT. FENCE CORNER | 1520+20 14'LT. FENCE CC | 1523+28 6' RT. CULVERT | 1523+59 C/L DRIVEWAY | 1524+45 SPLICE AH 18'0/S 48" | 1523+85 8' LT. FENCE CORNER | 1523+88 5' RT. CULVERT | 1523+93 58' RT. POLE | 1523+98 5' LT. POWER POLE | 1524+12 4' LT. UTIL POLE | 1524+12 58' RT. POWER POLE | 1524+12 85' RT. POLE | 1524+15 5' LT. VAULT | 1524+94 8' LT. FENCE CORNER | 1525+04 C/L DRIVEWAY | 1525+15 8' LT. FENCE CORNER | 1528+46 72' RT. FENCE CORNER | 1528+57 57' RT. CULVERT | 1528+88 56' RT. CULVERT

ROAD STATIONING

← POINT ARENA | SONOMA COUNTY CALIFORNIA | SACRAMENTO →



| | | |

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154016

Date: 2-[illegible]-01
Page No. [illegible]
Drawing #: Sacr-242,243

From: Point Arena

N

To: Sacramento

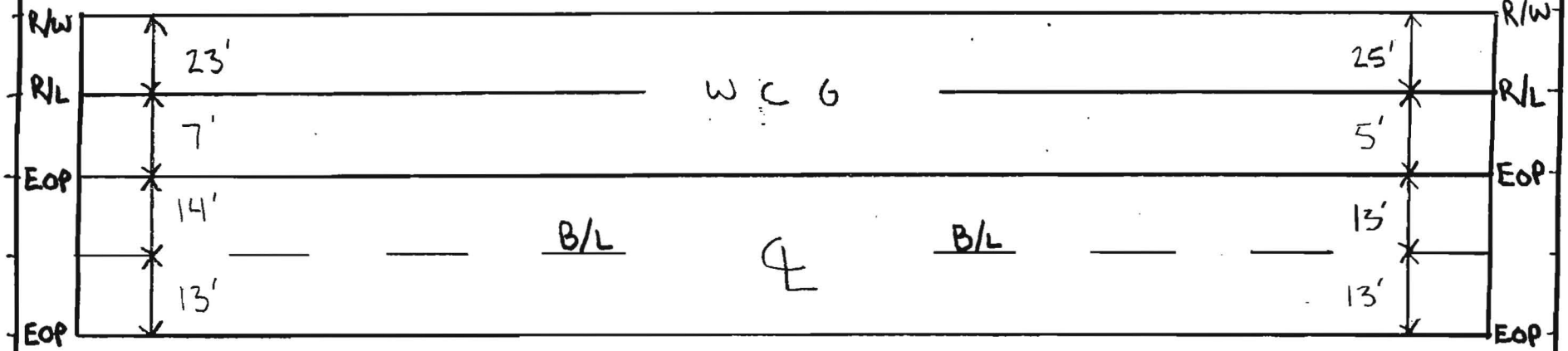
1514+30 21'o/s 48" Beg Trench

1514+90 20'o/s 48" Trench

1515+00 Match Line

1515+50 20'o/s 48" Trench

1515+55 18'o/s 48" End Trench



Don't Have profile

Notes: 2-1½ HDPE Orange, Blue; 1-1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams

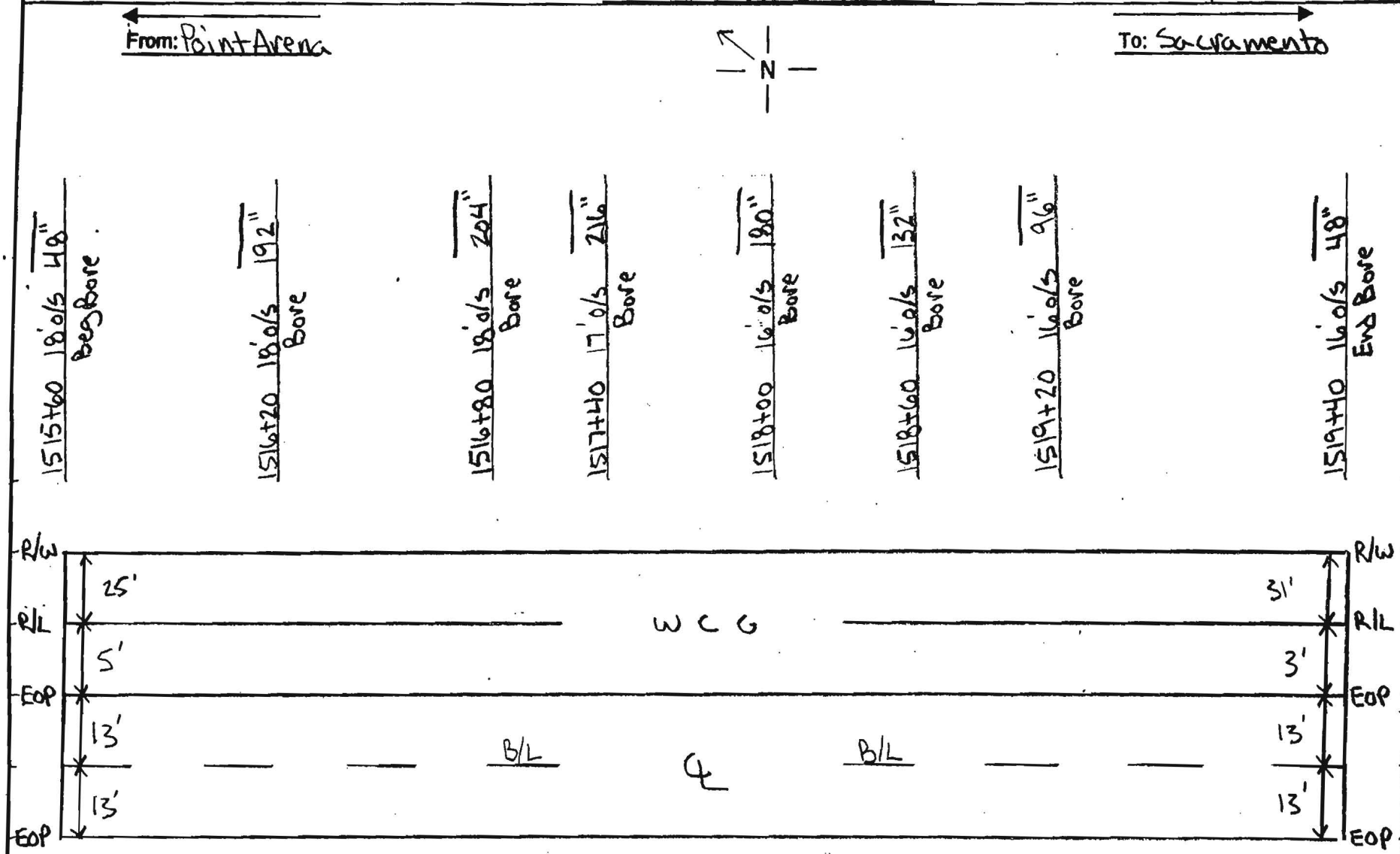
Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]anta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-[illegible]0
Page No. 1
Drawing #: Sacr-243

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell (Pin Point)
	Duct Configuration:	Inspector: Seb Sincraugh

Williams

Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]ntaRosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

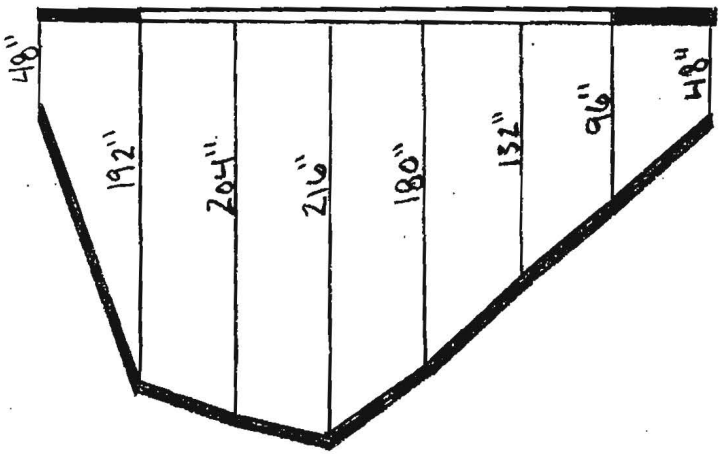
Date: 12-[illegible]
Page No. 7
Drawing #: Sour-243-4

From: Point Arena

N

To: Sacramento

1515+60	1516+20	1516+80	1517+40	1518+00	1518+60	1519+20	1519+40
18'o/s	18'o/s	18'o/s	17'o/s	16'o/s	16'o/s	16'o/s	16'o/s
48"	192"	204"	216"	180"	132"	96"	48"
Beg Bore	Bore	Bore	Bore	Bore	Bore	Bore	End Bore



Notes: 2 - 1½ HDPE Orange, Blue
1 - ¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (PinPoint)

Inspector: Seb Sinnaugh

Williams

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12/[illegible]/00
Page No. 2
Drawing #: Sour-243-4

From: Point Arena

N

To: Sacramento

1519+50 16'0/s 48" Beg Bore

1520+10 17'0/s 72" Bore

1520+70 17'0/s 120" Bore

1521+30 17'0/s 132" Bore

1521+90 18'0/s 121" Bore

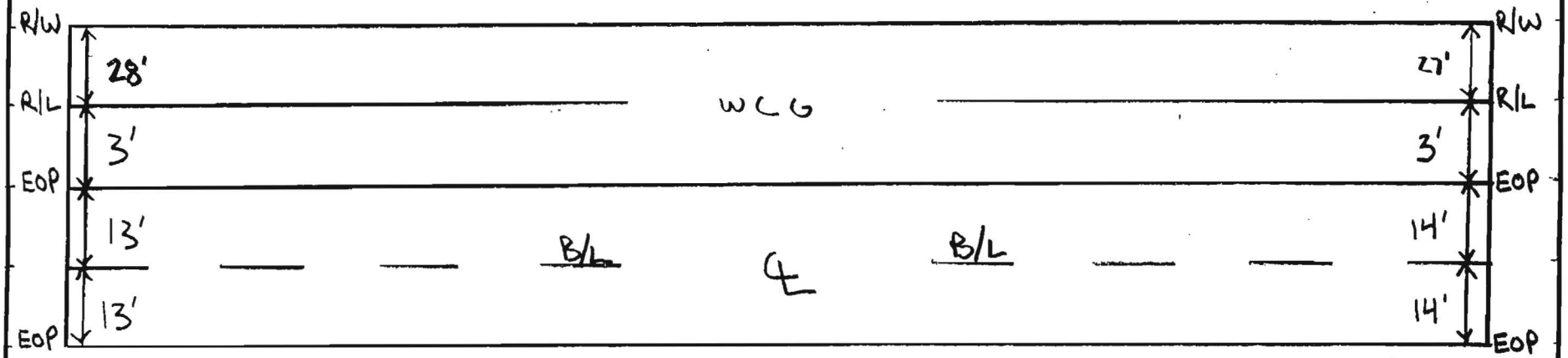
1522+50 17'0/s 120" Bore

1523+10 17'0/s 168" Bore

1523+70 18'0/s 168" Bore

1524+30 18'0/s 96" Bore

1524+35 18'0/s 48" End Bore



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	County: Sonoma	Contractor: Tidwell (Pin Point)
	Duct Configuration:	Inspector: Jebs Sincravah

Williams Construc[illegible] As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

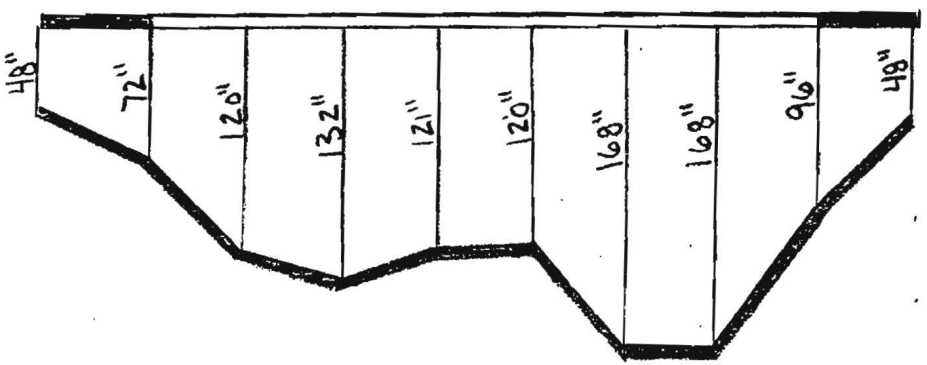
Date: [illegible]
Page No. 2
Drawing #: Sacr-243-4

From: Point Arena

N

To: Sacramento

1519+50	1520+10	1520+70	1521+30	1521+90	1522+50	1523+10	1523+70	1524+30	1524+35
16'0/s	17'0/s	17'0/s	17'0/s	18'0/s	17'0/s	17'0/s	18'0/s	18'0/s	18'0/s
48"	72"	120"	132"	121"	120"	168"	168"	96"	48"
Beg Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	End Bore



Notes: 2 - 1½ HDPE Orange, Blue
1 - ¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (PinPoint)

Inspector: Seb Sinraugh

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1[illegible]-00
Page No. 1 2
Drawing #: Sour-243, 244

From: Point Arena

N

To: Sacramento

-1524+50 18'o/s 48" Beg Bore

1525+10 18'o/s 60" Bore

1525+70 18'o/s 84" Bore

1526+30 18'o/s 84" Bore

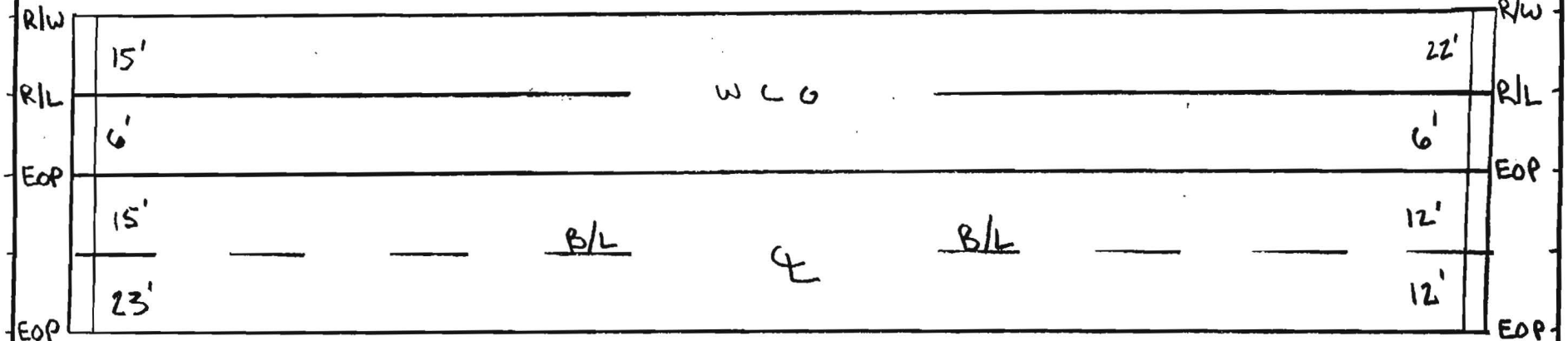
1526+60 18'o/s 54" Bore

1526+90 18'o/s 48" Bore

1527+00 matchline

1527+50 20'o/s 84" Bore

1527+90 21'o/s 48" End Bore!



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (Pin Point)

Inspector: Jeb Sincraugh

Williams

Williams Construc As-Built Documentation

Spread Location: ntaRosa

Spread No. South48

AFE No. 4875

Contract No. 99P154.16

Date: 12 1 0

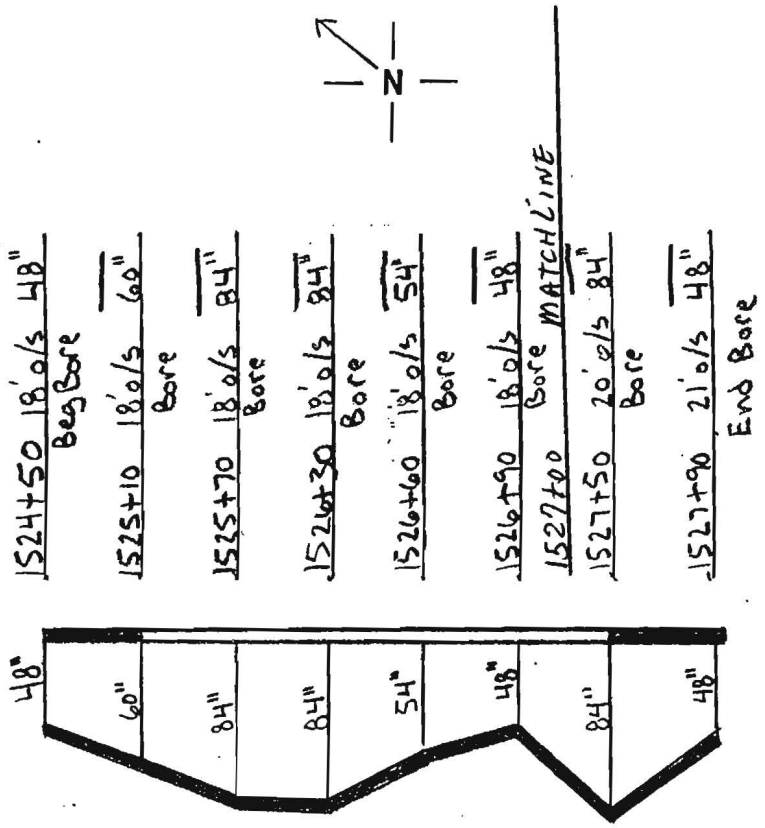
Page No. 2

Drawing #:

Swr-243;244-4

From: Point Arena

To: Sacramento



Notes: 2-1½ HDPE Orange, Blue 1-¼ HDPE Black	County: Sonoma	Contractor: Tidwell (PinPoint)
	Duct Configuration:	Inspector: Seb Sinclaugh

OWNERSHIP: COUNTY OF SONOMA

FIBER STATIONING

1526+09 DIG RT. FOR 2 WARNING
1526+93 66' RT. UTIL POLE
1526+95 59' RT. POLE
1527+04 4' LT. UTIL POLE
1527+90 SPLICE #11
1528+72 MARKER POLE
1528+72 SPLICE #11
1530+19 4' LT. UTIL POLE
1530+24 65' RT. POWER POLE
1533+23 67' RT. UTIL POLE
1533+38 5' LT. POWER POLE
1535+88 MARKER POLE
1536+16 SPLICE #11
1536+20 71' RT. UTIL POLE
1536+51 63' RT. CULVERT
1536+62 4' LT. UTIL POLE
1537+88 66' RT. POWER POLE

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

MATCH LINE 1527+00 — SHT. 243-SPRD 4

MATCH LINE 1539+00 — SHT. 245-SPRD 4

21'OIS 48"
27'OIS 48"
RIGHT-OF-WAY BY OCCUPATION
26'OIS 48"
24'OIS 48"
OLD ADOBE ROAD
WILLIAMS FIBER ROUTE
WAGNER LANE
ASPHALT DRIVE
SIGN

1527+00	1527+50	1527+90	1528+72	1530+00	1532+00	1534+00	1536+08	1536+62	1537+00	1538+00	1539+00
	70'OIS 48" RDOE	1527+90 END TRENCH	1528+72 BEG PLOW	27'OIS 48"	27'OIS 48"	26'OIS 48"	1536+08 END PLOW	1536+75 BEG PLOW	26'OIS 48"		
	1527+50	1527+90 END TRENCH	1528+72 BEG PLOW	1530+00	1532+00	1534+00	1536+08 END PLOW	1536+75 BEG PLOW	1538+00		

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.625" HDPE BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

1527+00	1527+90		1528+72				1536+08	1536+25			
1527+90	1528+72		1536+08				1536+25	1539+00			
90'	82'		736'				17'	275'			
1.11	1.11		1.11				1.11	1.11			
2-1.5" HDPE 1-1.25" HDPE J SINCLAIR PNEU PT DRLG	2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.28.01		2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.28.00 TIDWELL				2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.28.00 TIDWELL	2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.28.00 TIDWELL			
←				6GA TRACER WIRE J. SINCLAIR 6.15.01 IN BLACK 1.25" HDPE				→			

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Act.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) : 1"=100'	
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER : SACR-244-SPRD 4	

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12/[illegible]/00
Page No. 1 2
Drawing #: Sour-243, 244

From: Point Arena

To: Sacramento

N

1524+50 18'o/s 48" Beg Bore

1525+10 18'o/s 60" Bore

1525+70 18'o/s 84" Bore

1526+30 18'o/s 84" Bore

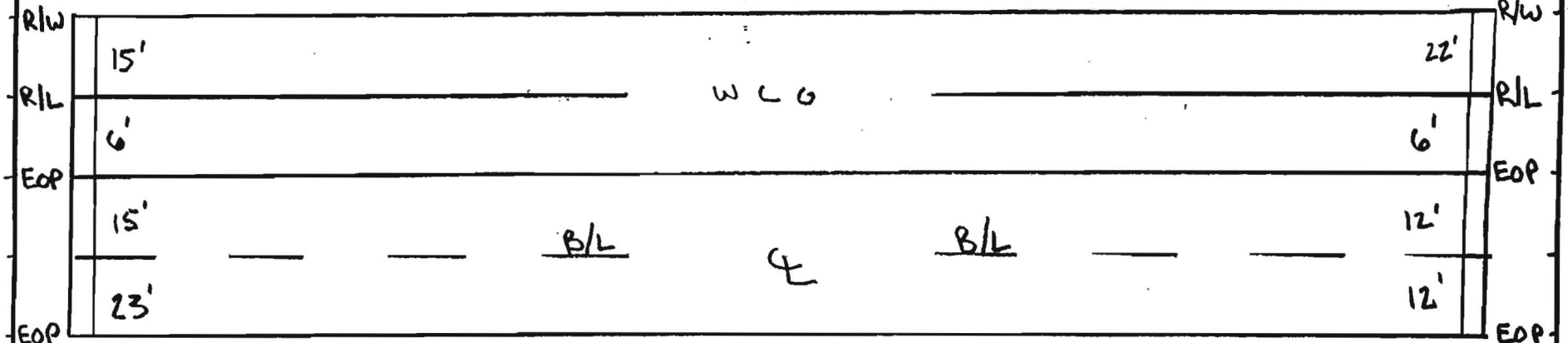
1526+60 18'o/s 54" Bore

1526+90 18'o/s 48" Bore

1527+00 match line

1527+50 20'o/s 84" Bore

1527+90 21'o/s 48" End Bore



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (Pin Point)

Inspector: Seb Sincraugh

Williams

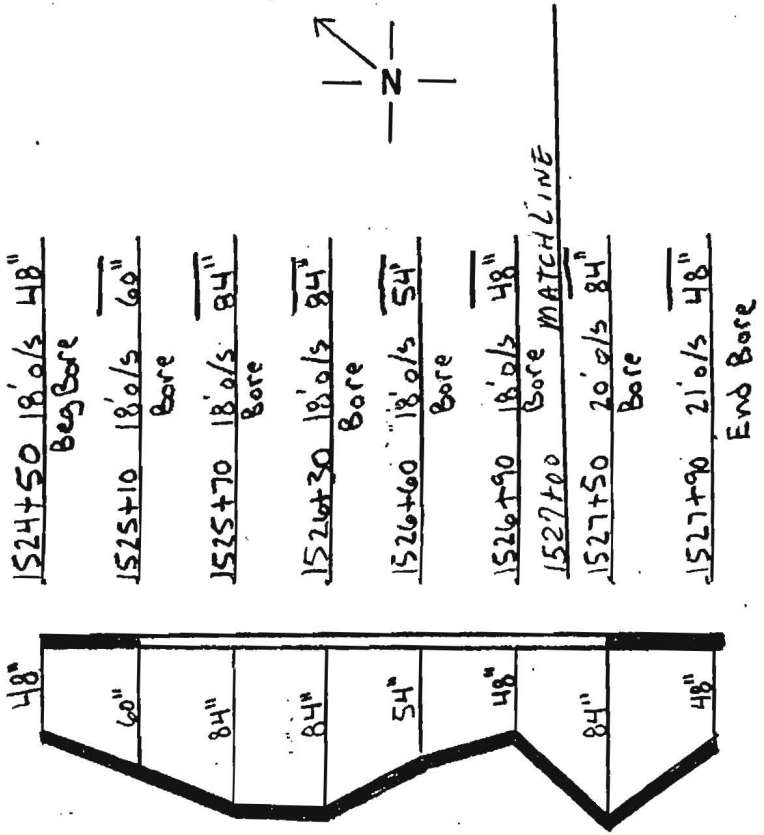
Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]ta Rosa
Spread No. South48
AFE No. 4875
Contract No. 99P154.16

Date: 12-1[illegible]
Page No. 2
Drawing #:
Sacr-243;244-4

From: Point Arena

To: Sacramento



Notes: 2-1½ HDPE Orange, Blue 1-¼ HDPE Black	County: Sonoma	Contractor: Tidwell (PinPoint)
	Duct Configuration:	Inspector: Seb Sinclaugh

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1528+72	27'	48"		BEG PLOW NORTH SIDE RD
1530+00	27'	48"		
1532+00	27'	48"		
1534+00	26'	48"		
1536+08	26'	48"		END PLOW
1536+25	24'	48"		BEGIN PLOW NORTH SIDE RD
1538+00	26'	48"		PLOW
MATCHLINE				

DATE:	12-28-00	CONTRACTOR:	TIDWELL
COUNTY:	SONOMA	INSPECTOR:	JR SMITS
ALIGN. SHT. #		PROJECT:	4B

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

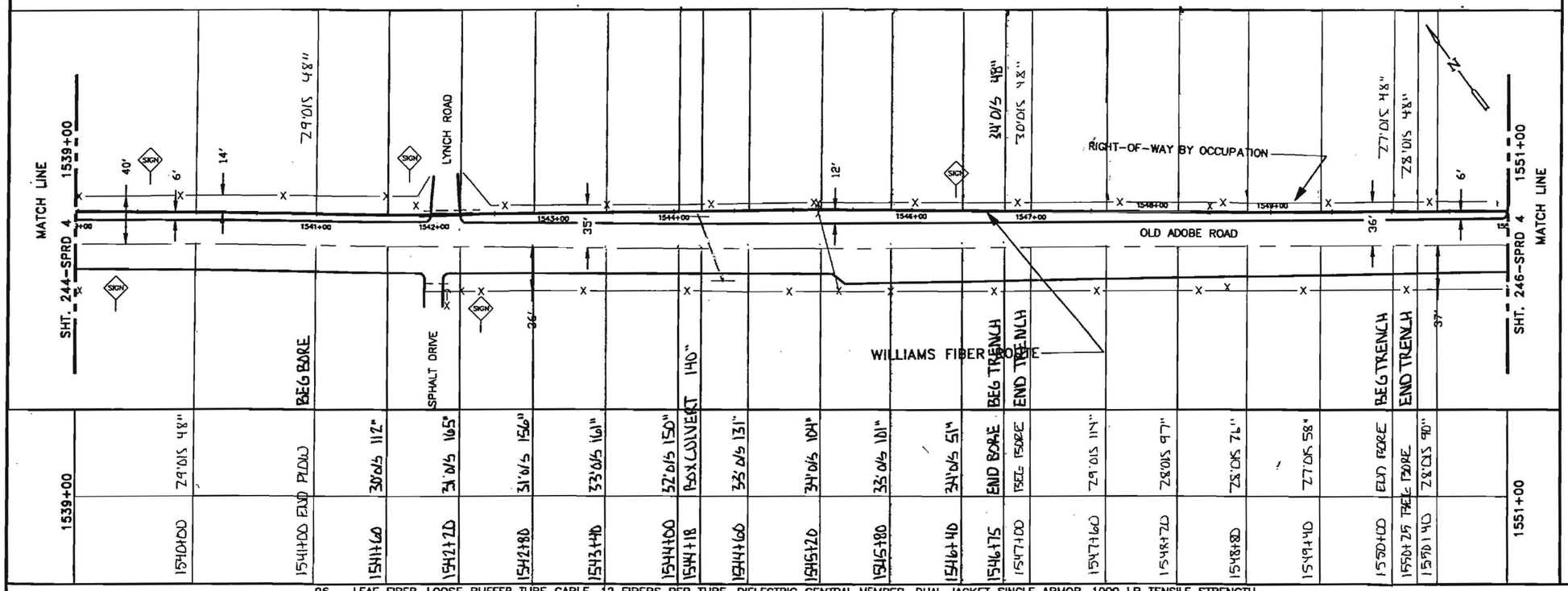
1539+02 65' RT. POWER POLE
1541+00 SPLICE MH
1541+83 7' LT. UTIL POLE
1541+87 BEGIN STEEL
1541+91 55' RT. CULVERT
1542+10 56' RT. CULVERT
1542+10 64' RT. POLE
1542+10 74' RT. UTIL. POLE
1542+22 63' RT. UTIL. POLE
1542+31 END STEEL
1542+37 3' LT. CULVERT
1543+16 MARKER POLE
1544+28 3' RT. HEADWALL
1544+30 57' RT. HEADWALL
1544+39 58' RT. CULVERT
1544+48 57' RT. HEADWALL
1545+20 2' RT. UTIL. POLE
1545+20 3' LT. UTIL. POLE
1545+37 67' RT. TELE. POLE
1546+90 SPLICE MH 31'0/6 48"
1548+48 4' LT. POWER POLE
1548+83 61' RT. TELE. POLE
1550+11 SPLICE MH 27'0/6 48"
1550+57 MARKER POLE
1551+00 7' RT. POWER POLE

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



1539+00																						1551+00
1540+00	29'0/S 48"	1541+00	30'0/S 112"	1541+20	34'0/S 165"	1542+80	31'0/S 156"	1543+40	33'0/S 161"	1544+00	52'0/S 150"	1544+18	BOX CULVERT	1544+60	33'0/S 131"	1545+20	34'0/S 104"	1545+80	33'0/S 101"	1546+40	34'0/S 51"	1546+75	BEG BORE	1547+00	END BORE	1547+60	29'0/S 114"	1548+20	28'0/S 97"	1548+80	25'0/S 76"	1549+40	27'0/S 58"	1550+00	END BORE	1550+25	TREE PIT BORE	1550+40	28'0/S 90"	1551+00
1540+00	END PLOW	1541+00		1541+20		1542+80		1543+40		1544+00		1544+18		1544+60		1545+20		1545+80		1546+40		1546+75		1547+00		1547+60		1548+20		1548+80		1549+40		1550+00		1550+25		1550+40		1551+00

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK 1-1.5" HDPE BLUE 1-1.5" HDPE ORANGE

1539+00	1541+00		1546+75	1547+00	1550+25	1551+00	1550+00	1550+25	1547+00	1550+00
1541+00	1546+75		1547+00	1551+00	1550+00	1550+25	1550+25	1550+00	1550+00	1551+00
200'	575'		25'	75'	25'	75'	25'	300'	300'	100'
1.11 2-1.5" HDPE 1-1.25" HDPE JRSMITS 12_28_00 TIDWELL	BORE 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2.13.01 TIDWELL		1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2-13-01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE J. SINCRAUGH 1.4.01 TIDWELL			1.11 2-1.5" HDPE 1-1.25" HDPE JRSMITS 2-13-01 TIDWELL			

6GA TRACER WIRE
J. SINCRAUGH
6.15.01
IN BLACK 1.25" HDPE

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- OR Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Act.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFR. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

WilTel COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY :	DATE : 03/10/00
CHECKED BY :	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-245-SPRD 4

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
MATCH LINE				PLOW
1540+00	29'	48"		NORTH SIDE RD
1541+00	29'	48"		END PLOW

DATE:	12-28-00	CONTRACTOR:	TIDWELL
COUNTY:	SONOMA	INSPECTOR:	JR SMITS
ALIGN. SHT. #		PROJECT:	4B

Williams

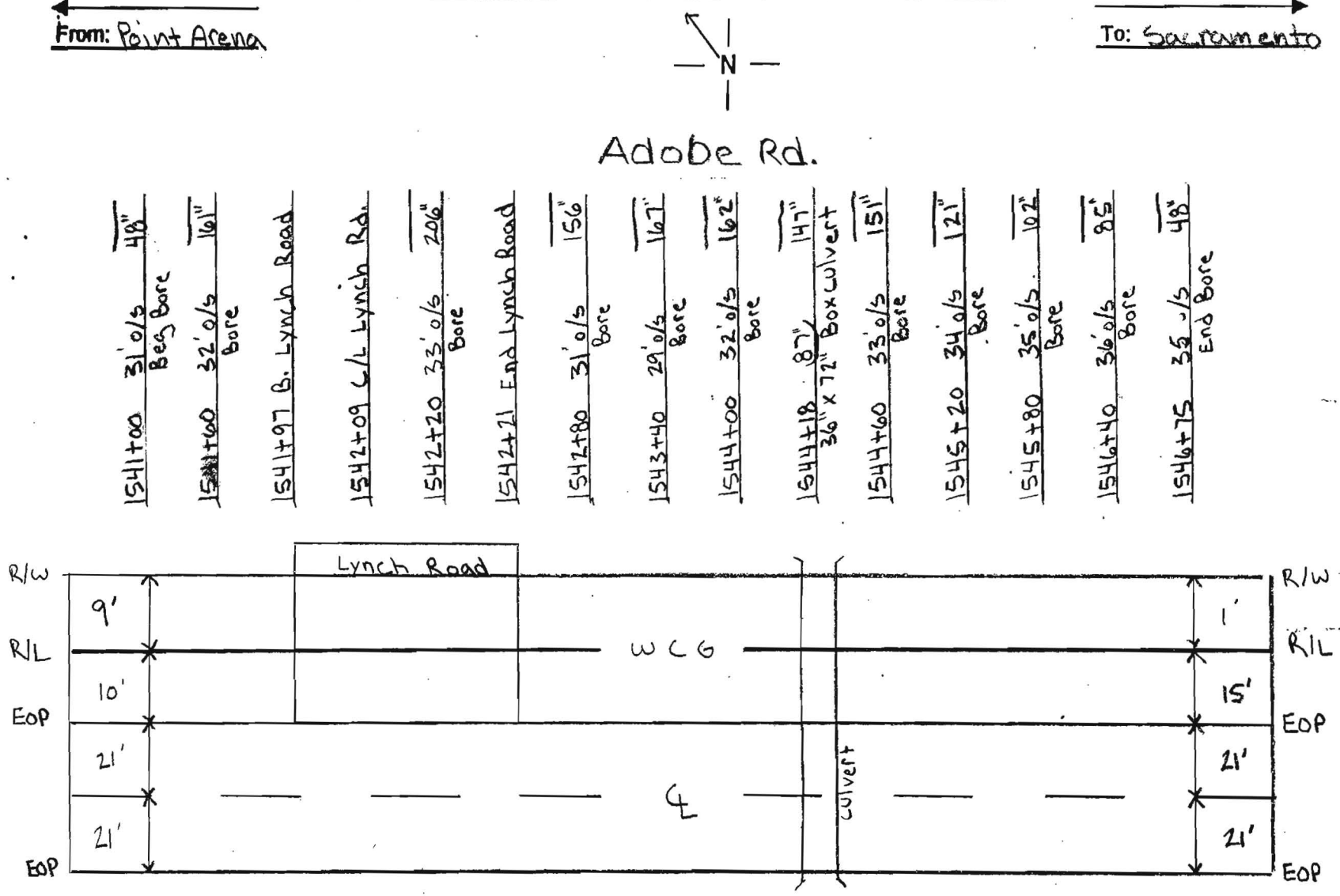
Williams Constru[illegible] As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 3[illegible]01
Page No. 1 [illegible]2
Drawing #: Sacr-245-4

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams

Williams Construction — As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

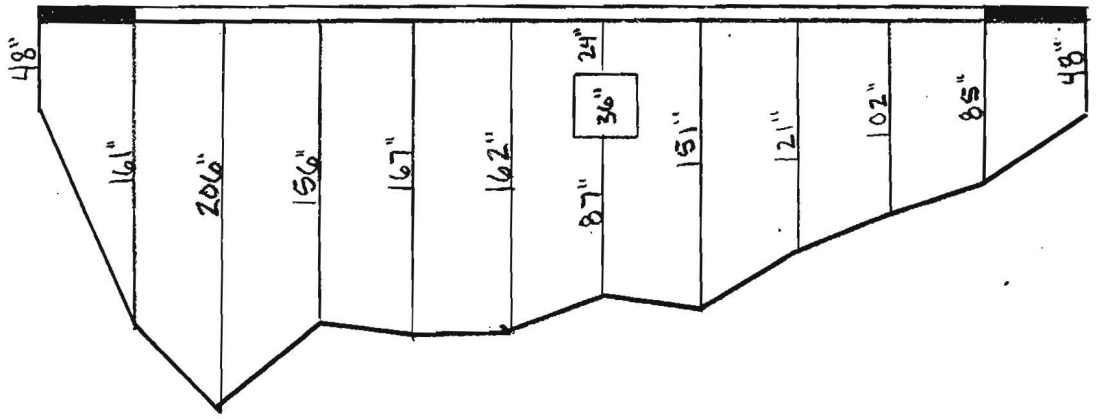
Date: 3-[illegible]01
Page No. 2 [illegible]
Drawing #: Sacr. 245-4

From: Point Arena

N

To: Sacramento

154+00	154+60	154+20	154+80	154+30	154+00	154+48	154+60	154+20	154+80	154+40	154+75
31'0/s	32'0/s	33'0/s	31'0/s	29'0/s	32'0/s	87"	33'0/s	34'0/s	35'0/s	36'0/s	36'0/s
48"	161"	206"	156"	167"	162"	147"	151"	121"	102"	85"	48"
Beg Bore	Bore	Bore	Bore	Bore	Bore	36" x 72" Box Culvert	Bore	Bore	Bore	Bore	End Bore



Notes: 2-1½ HDPE orange, Blue 1-1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construc[illegible] As-Built Documentation

Williams

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

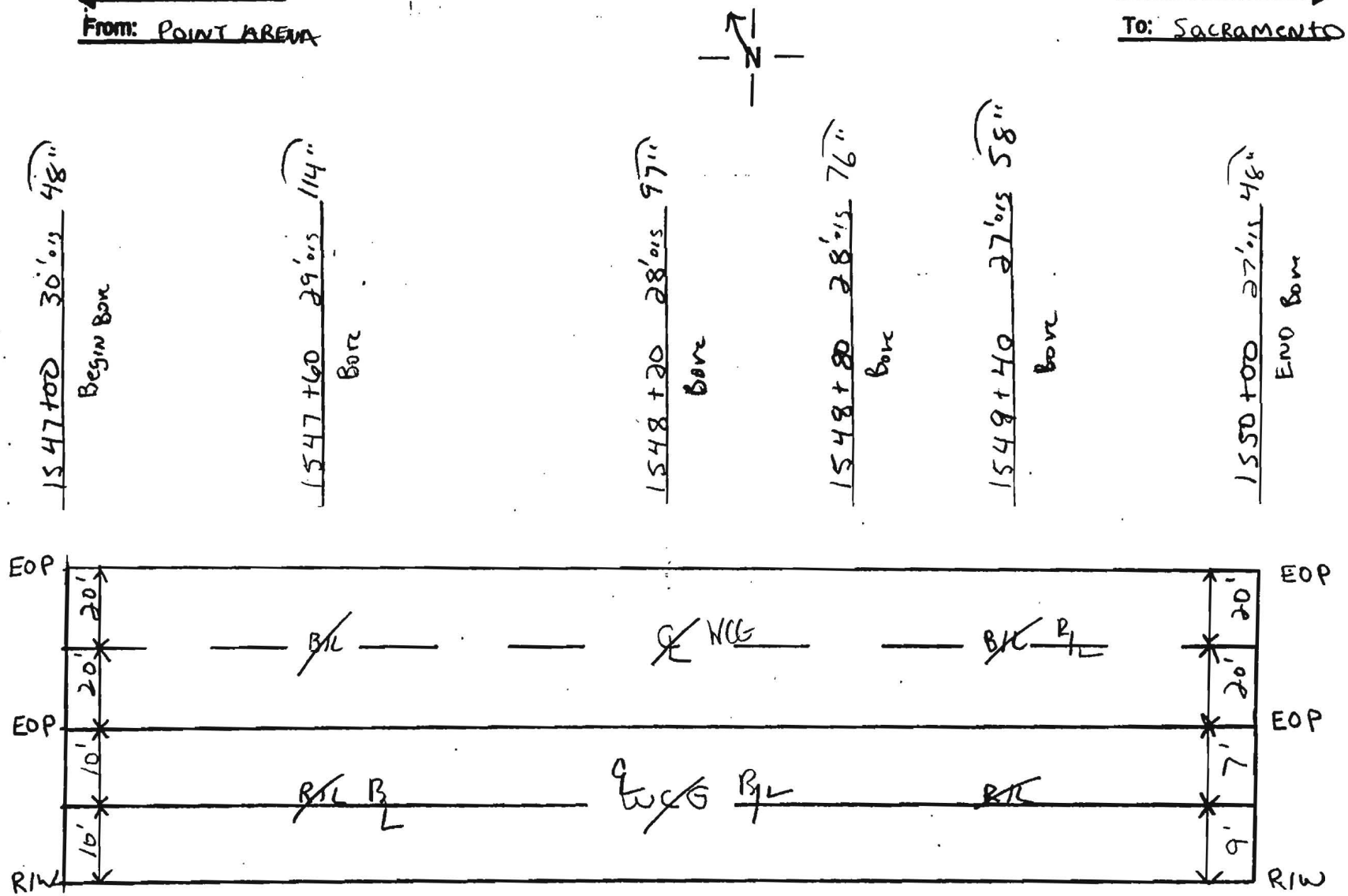
Date: 1-[illegible]

Page No. 1

Drawing #: SACR 245

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR. SMITS

Williams Construc[illegible] As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154-16

Date: 1-[illegible]

Page No. 2 o[illegible]

Drawing #: SACR 245

From: POINT ARENA

To: SACRAMENTO

N

1547+00 30'o/s Begin Bore

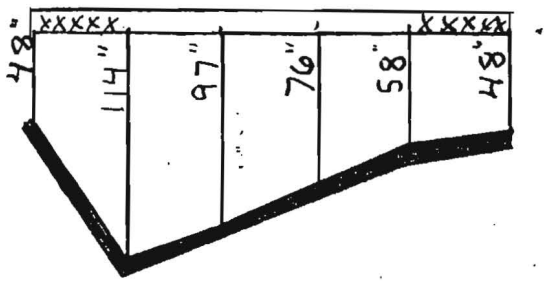
1547+60 29'o/s Bore

1548+20 28'o/s Bore

1548+80 28'o/s Bore

1549+40 27'o/s Bore

1550+00 27'o/s End Bore



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue 1 1¼ HDPE Black	Sonoma	TIDWELL / CROSS COUNTRY
	Duct Configuration:	Inspector: JR SMITH

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No.
AFE No. 4875
Contract No. 99P154.16

Date: 1-4
Page No. 1
Drawing #: Socr-245,246-4

From: Point Arena

N

To: Sacramento

1550+25 28'o/s 48" Beg Bore

1550+40 28'o/s 90" Bore

1551+00 28'o/s 116" Match Line/Bore

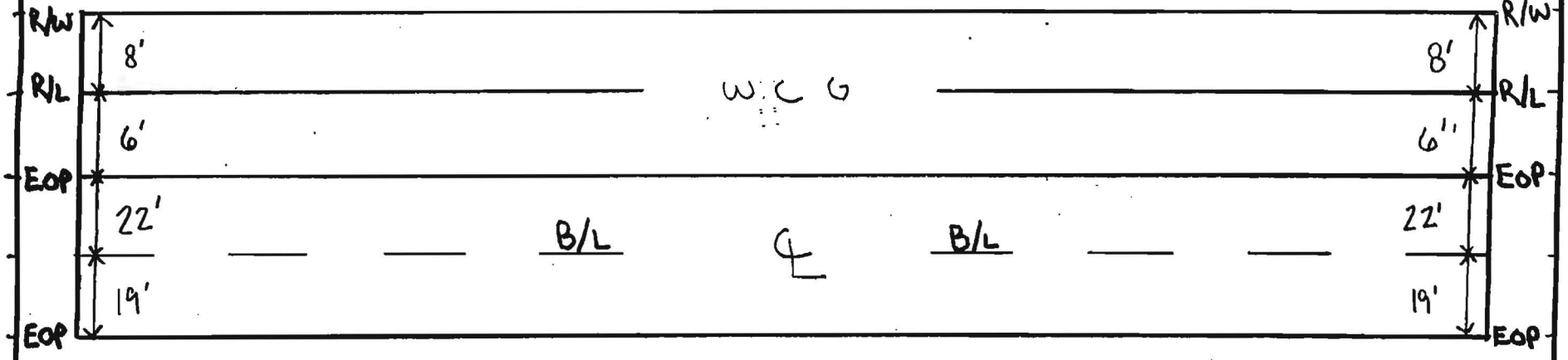
1551+60 27'o/s 122" Bore

1552+20 27'o/s 110" Bore

1552+80 27'o/s 72" Bore

1553+40 27'o/s 64" Bore

1553+85 28'o/s 48" End Bore



Notes: 2-1½ HDPE Orange, Blue
1-¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (Cross Country)

Inspector: Jeb Sincraugh

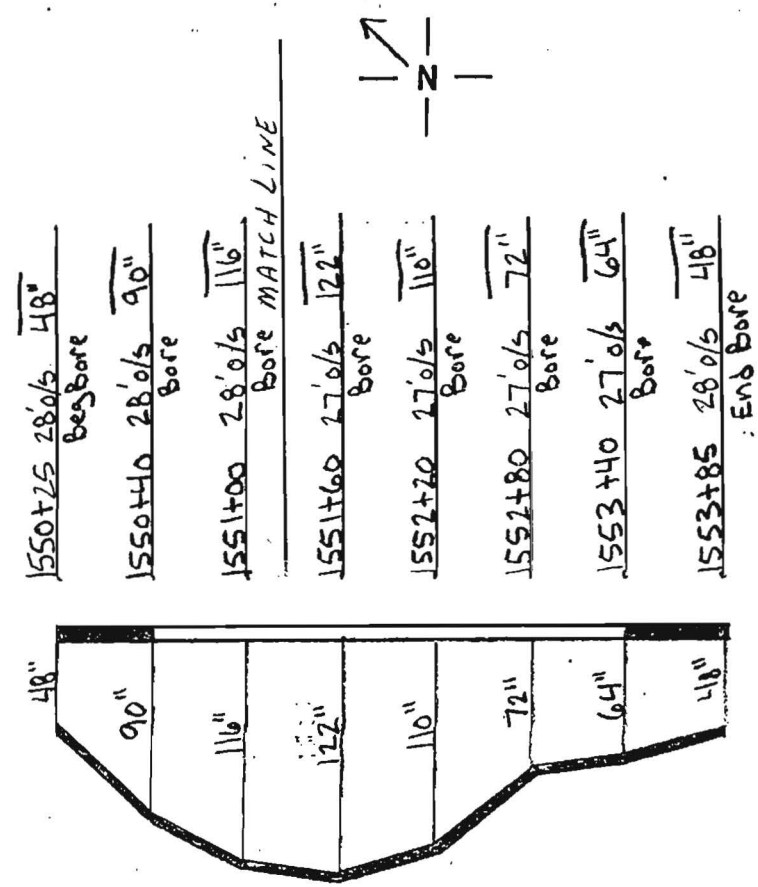
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No.
AFE No. 4875
Contract No. 99P154.16

Date: 1-4
Page No. 2
Drawing #: Sacr-245, 246-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell (Cross Country)
	Duct Configuration:	Inspector: Jeb Sincraugh

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

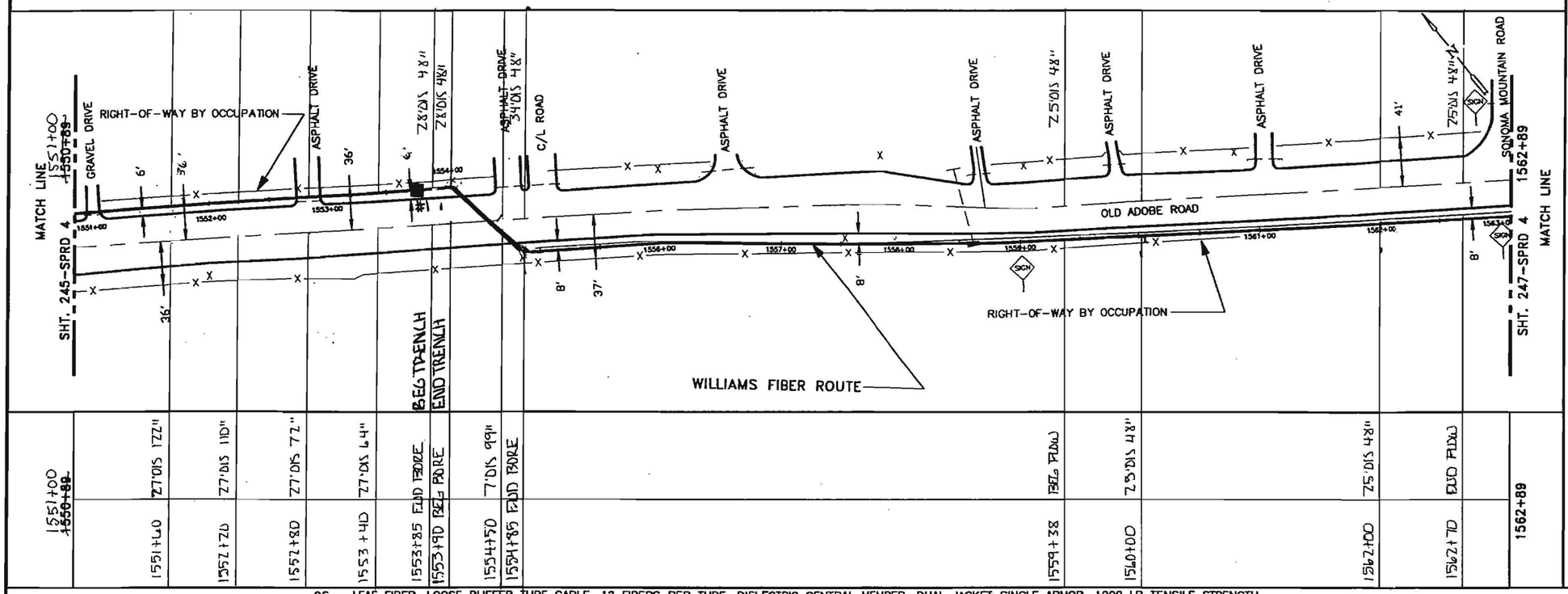
1550+95 2' RT. CULVERT
1551+03 C/A DRIVEWAY
1551+10 CULVERT
1551+96 58' RT. TELE. POLE
1552+72 2' RT. CULVERT
1552+83 C/L DRIVEWAY
1552+83 C/L DRIVEWAY
1552+84 70' RT. FENCE CORNER
1552+94 2' RT. CULVERT
1553+42 8' LT. FENCE CORNER
1553+75 HANDHOLE 28"x16"x12"
1553+75 2" CNTS
#1
1554+05 4' LT. UTIL. POLE
1554+31 BEGIN STEEL
1554+12 HANDHOLE
1554+31 23' LT. CULVERT
1554+47 1' LT. C/L OLD ADOBE R
1554+85 SPLICE POLE
1554+88 HANDHOLE
1554+84 END STEEL
1555+19 53' LT. CULVERT
1556+23 49' LT. HEADWALL
1556+31 54' LT. HEADWALL
1556+33 58' LT. CULVERT
1556+41 63' LT. HEADWALL
1556+67 65' LT. HEADWALL
1556+78 61' LT. CULVERT
1556+77 57' LT. HEADWALL
1556+84 54' LT. HEADWALL
1557+53 4' LT. TELE. POLE
1557+84 72' LT. UTIL. POLE
1557+91 MARKER POLE
#2
1558+56 BEGIN STEEL
1558+56 56' LT. CULVERT
1558+81 CULVERT
1558+66 END STEEL
1558+75 57' LT. FENCE CORNER
1558+78 64' LT. POWER POLE
1559+44 62' LT. POWER POLE
1559+52 SPLICE POLE
#1
1559+71 59' LT. CULVERT
1559+80 60' LT. CULVERT
1560+18 67' LT. FENCE CORNER
1560+81 64' LT. UTIL. POLE
1560+83 58' LT. CULVERT
1560+94 68' LT. FENCE CORNER
1561+21 57' LT. CULVERT

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY CALIFORNIA

SACRAMENTO →



1551+00 ~~1550+89~~	1551+40	1551+70	1552+80	1553+40	1553+85 FLD PBORE	1553+90 BEG PBORE	1554+50	1554+85 FLD PBORE		1559+38 BEG PLOW	1560+00	1562+00	1562+70 FLD PLOW	1562+89
	Z7°05 12Z"	Z7°05 11D"	Z7°05 72"	Z7°05 64"			7°05 99"				Z5°05 48"			

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK 1-1.5" HDPE BLUE 1-1.5" HDPE ORANGE

1551+00 1553+85 285'	1553+85 1553+90 5'	1553+90 1554+00 10'	1554+00 1554+85 85'	1559+38 1562+70 332'	
1.11 2-1.5" HDPE 1-1.025" HDPE JEB SINCRAUGH 1.4.01 CROSS COUNTRY	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.16.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.1L.01 CROSS COUNTRY 6 GA TRACER WIRE J. SINCRAUGH 6.15.01 IN BLACK 1.25" HDPE	1.11 @ 3.21 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.1L.01 CROSS COUNTRY	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.27.ISD TIDWELL 6 GA TRACER WIRE J. SINCRAUGH 6.15.01 IN BLACK 1.25" HDPE	

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mar.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS
EMERGENCY NOTIFICATION NUMBER
1-800-582-9069

CAUTION
WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :
1-800-227-2600

DRAWING DISCLAIMER
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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS — CABLE DESCRIPTION
CABLE REEL NO.
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH
INNERDUCT & TYPE (CORR/SMOOTH/COLOR) — PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE
PVC
FUTURE-2 — FUTURE UNIT PLACE
FUTURE-3
FUTURE-4

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-246-SPRD 4

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No.
AFE No. 4875
Contract No. 99P154,16

Date: 1-4
Page No. 1
Drawing #: Socr-245,246-4

From: Point Arena

N

To: Sacramento

1550+25 28'o/s 48" Beg Bore

1550+40 28'o/s 90" Bore

1551+00 28'o/s 116" Match Line/Bore

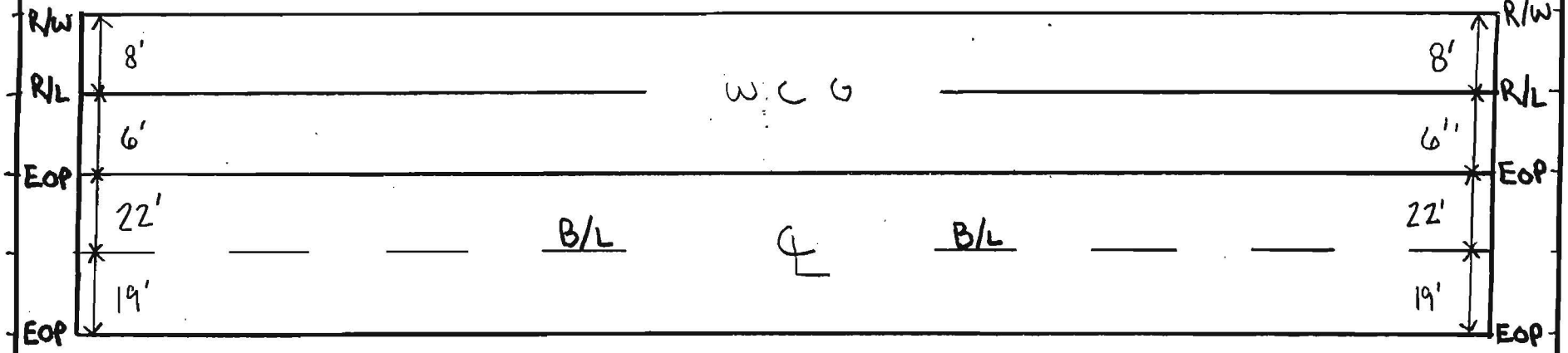
1551+60 27'o/s 122" Bore

1552+20 27'o/s 110" Bore

1552+80 27'o/s 72" Bore

1553+40 27'o/s 64" Bore

1553+85 28'o/s 48" End Bore



Notes: 2-1½ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (Cross Country)

Inspector: Jeb Sincraugh

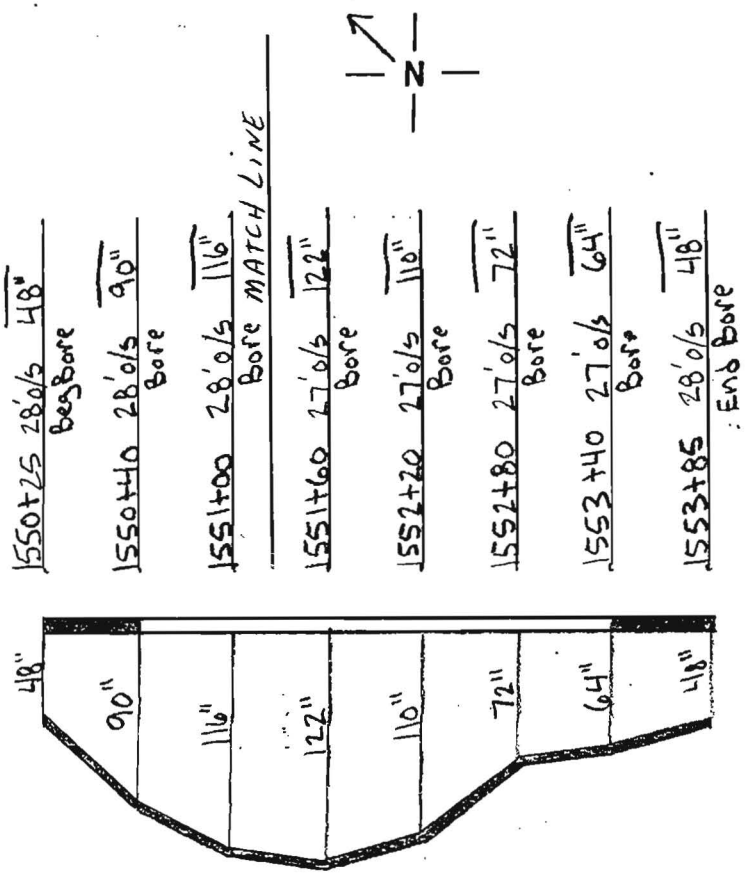
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No.
AFE No. 4875
Contract No. 99P154.16

Date: 1-
Page No. 2 2
Drawing #: Socr-245, 246-4

From: Point Arena

To: Sacramento



Notes: 2-1½ HDPE Orange, Blue 1-¼ HDPE Black	County: Sonoma	Contractor: Tidwell (cross country)
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construct[illegible] As-Built Documentation

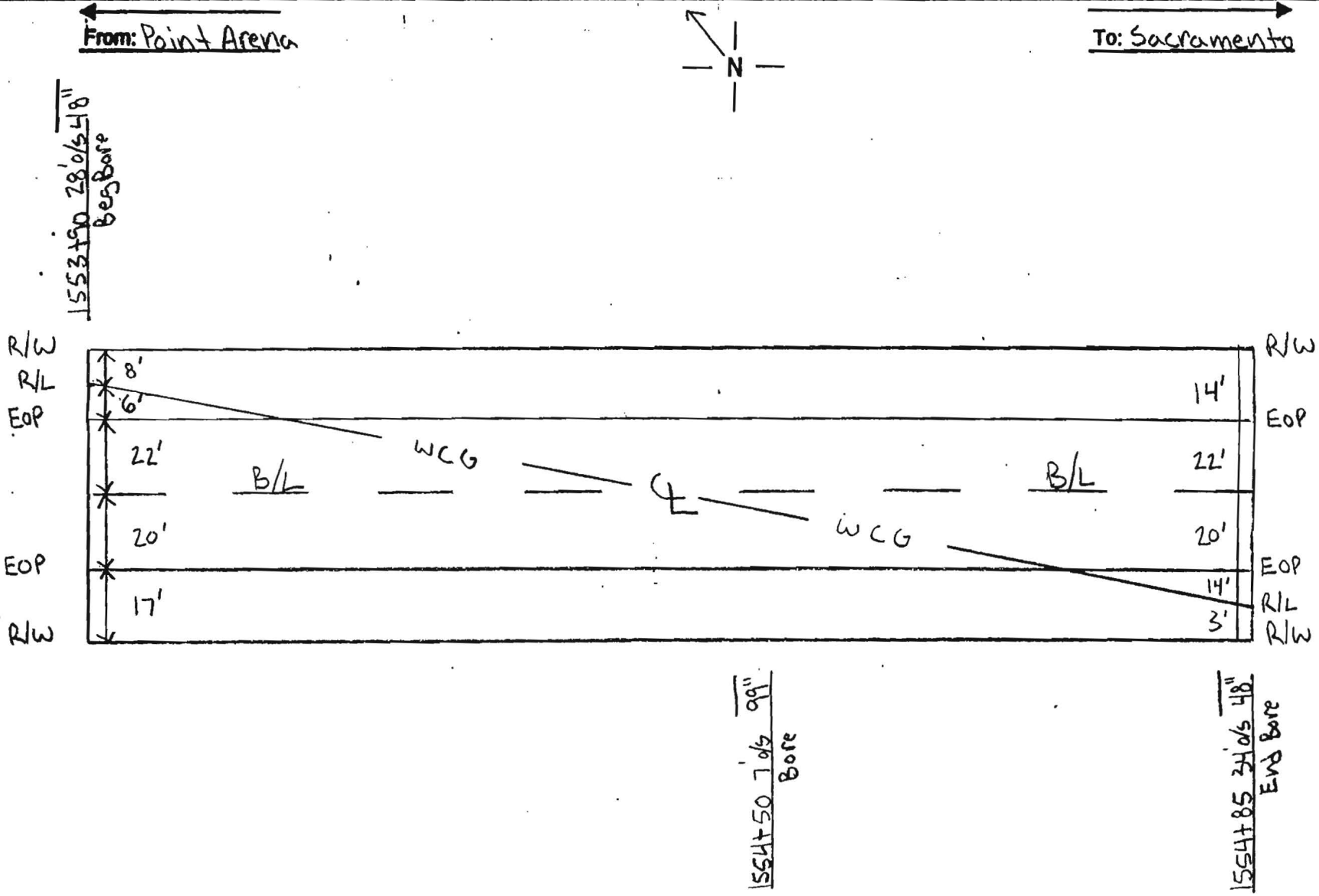
Spread Location: [illegible]nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: [illegible]
Page No. 1 [illegible]
Drawing #: Sacr-246-4

From: Point Arena

N

To: Sacramento



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	**County:** Sonoma	**Contractor:** Tidwell (Cross Country)
	Duct Configuration:	**Inspector:** Jeb Sincraugh

Williams Construc[illegible] As-Built Documentation

Spread Location: nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-16
Page No. 2
Drawing #: Sour-246-4

From: Point Arena

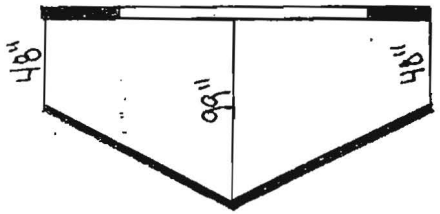
To: Sacramento

N

1553+90 28'o/s 48" Bes Bore

1554+50 7'o/s 99" Bore

1554+85 34'o/s 48" End Bore



Notes: 2- 1½ HDPE Orange, Blue 1- 1¼ HDPE Black	County: Sonoma	Contractor: Tidewell (Cross Country)
	Duct Configuration:	Inspector: Jeb Sincraugh

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1559+38	25'	48		BEGIN PLOW SOUTH SIDE RD
1560+00	25'	48		
1562+00	25	48		
1562+70	25'	48		END PLOW

DATE:	12-27-00	CONTRACTOR:	TIDWELL
COUNTY:	SONOMA	INSPECTOR:	JR SMITS
ALIGN. SHT. #		PROJECT:	4B

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1563+15 TELE. POLE
1563+25 91' LT. CULVERT
1563+29 85' LT. POLE
1563+29 89' LT. UTIL. POLE
1563+32 88' LT. FENCE CORNER
1563+74 60' LT. CULVERT
1563+77 76' LT. UTIL. POLE
1563+98 60' LT. CULVERT
1564+49 11' LT. FENCE CORNER
1564+60 4' LT. CULVERT
1564+63 6' RT. FENCE CORNER
1565+10 FLUSH MARKER POLE
1565+64 2' RT. TELE. POLE
1565+86 62' LT. POWER POLE
1567+53 6' RT. TELE. POLE
1568+15 61' LT. POWER POLE
1568+16 BEGIN STEEL
1568+17 CULVERT
1568+34 5' LT. C/L DRIVEWAY
1568+43 6' RT. FENCE CORNER
1568+54 5' LT. FENCE CORNER
1568+58 5' LT. BEGIN BRIDGE
1568+71 CULVERT
1568+98 49' LT. HEADWALL
1568+98 4' LT. C/L LYNCH CREEK
1569+14 50' LT. HEADWALL
1569+16 LT. END BRIDGE
1569+20 4' LT. FENCE
1569+20 55' LT. HEADWALL
1569+56 66' LT. FENCE CORNER
1569+89 4' LT. C/L DRIVEWAY
1570+20 4' LT. END STEEL
1570+85 67' LT. FENCE CORNER
1570+98 CULVERT
1570+98 63' LT. POWER POLE
1571+04 9' RT. TELE. POLE
1571+10 4' LT. C/L DRIVEWAY
1571+20 9' RT. CORNER
1571+20 9' RT. FENCE CORNER
1571+24 CULVERT
1573+23 MARKER POLE
1573+21 57' LT. CULVERT
1573+25 63' LT. FENCE CORNER
1573+51 69' LT. FENCE CORNER
1573+52 66' LT. POLE
1573+56 TELE. POLE
1573+56 8' RT. POLE
1573+61 5' RT. TELE. POLE
1573+78 SPLICE POLE
1574+78 59' LT. CULVERT
1574+82 70' LT. FENCE CORNER

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

MATCH LINE 1583+00
SHT. 246-SPRD 4

SONOMA MOUNTAIN ROAD
ASPHALT DRIVE
39'
10'
SIGN
GRAVEL DRIVE
ASPHALT DRIVE
C/L LYNCH CREEK
DIRECTIONAL DRILL
ASPHALT DRIVE
GRAVEL DRIVE
ASPHALT DRIVE
74 DIS 48"
RIGHT-OF-WAY BY OCCUPATION
ASPHALT DRIVE
OLD ADOBE ROAD
1564+00
1566+00
1567+00
1568+00
1569+00
1571+00
1572+00
1573+00
1574+00
PROPOSED WILLIAMS FIBER ROUTE

MATCH LINE 1575+00
SHT. 248-SPRD 4

1563+00

1575+00

TABLE PLOW 24"DIS 48"
1573+90
1574+00

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH
REEL # N/A
N/A
1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)
1-1.25" HDPE BLACK 1-1.5" HDPE BLUE 1-1.5" HDPE ORANGE

1573+90
1574+00
110'
1.11
2-1.5" HDPE
1-1.25" HDPE
J.R SMITS
12.27.00
TRENCH

6 GA TRACER WIRE
J. SINCRAUGH
6.15.01
IN BLACK 1.25" HDPE

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid exisiin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line end/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION
CABLE FIBER COUNT MFG. TYPE OF GLASS
CABLE REEL NO.
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)
STEEL PIPE SIZE
PVC

FUTURE UNIT PLACE
FUTURE-2
FUTURE-3
FUTURE-4

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-247-SPRD 4

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1573+90	24'	48"		BEGIN PLOW
1574+00	24	48"		
MATCHLINE				

DATE:	12-27-00	CONTRACTOR:	TIDWELL
COUNTY:	SONOMA	INSPECTOR:	JR SMITS
ALIGN. SHT. #		PROJECT:	4B

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1575+19 75' LT. FENCE CORNER
1575+22 80' LT. CULVERT
1575+44 65' LT. POWER POLE
1576+18 4' RT. TELE. POLE
1576+67 SPLICE 48" 29'0/S 48"
1577+37 1' LT. CULVERT
1577+37 11' RT. UTIL. POLE
1577+37 24' RT. POWER POLE
1577+53 4' LT. C/L DRIVEWAY
1577+70 1' RT. CULVERT
1577+72 6' RT. TELE. POLE
1577+72 12' RT. FENCE CORNER
1578+13 SPLICE 48" 27'0/S 48"
1578+74 5' RT. TELE. POLE
1579+21 MARKER POLE
1580+36 64' LT. POWER POLE
1581+28 5' RT. TELE. POLE
1582+15 SPLICE 48" 32'0/S 48"
1584+08 5' RT. TELE. POLE
1584+72 CULVERT
1585+14 4' LT. C/L DRIVEWAY
1585+17 68' LT. FENCE CORNER
1585+53 CULVERT
1585+81 2' LT. CULVERT
1585+88 2' LT. CULVERT
1586+08 2' LT. CULVERT
1586+19 4' LT. C/L DRIVEWAY
1586+29 CULVERT
1586+48 SPLICE 48" 16'0/S MARKER POLE
1586+69 64' LT. POLE
1586+74 6' RT. UTIL. POLE

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

SHT. 247-SPRD 4

MATCH LINE 1575+00

43'

29'0/S 48"
29'0/S 48"
27'0/S 48"
27'0/S 48"
30'0/S 48"
32'0/S 48"
28'0/S 48"
25'0/S 48"

OLD ADOBE ROAD

10'
40'

1576+00 1577+00 1578+00 1579+00 1581+00 1582+00 1583+00 1584+00 1585+00 1586+00 1587+00

GRAVEL DRIVE

RIGHT-OF-WAY BY OCCUPATION

WILLIAMS FIBER ROUTE

ASPHALT DRIVE

GRAVEL DRIVE

MATCH LINE SHT. 249-SPRD 4

| | | |

DAILY TRENCHING: WILLIAMS FIBER ROUTE

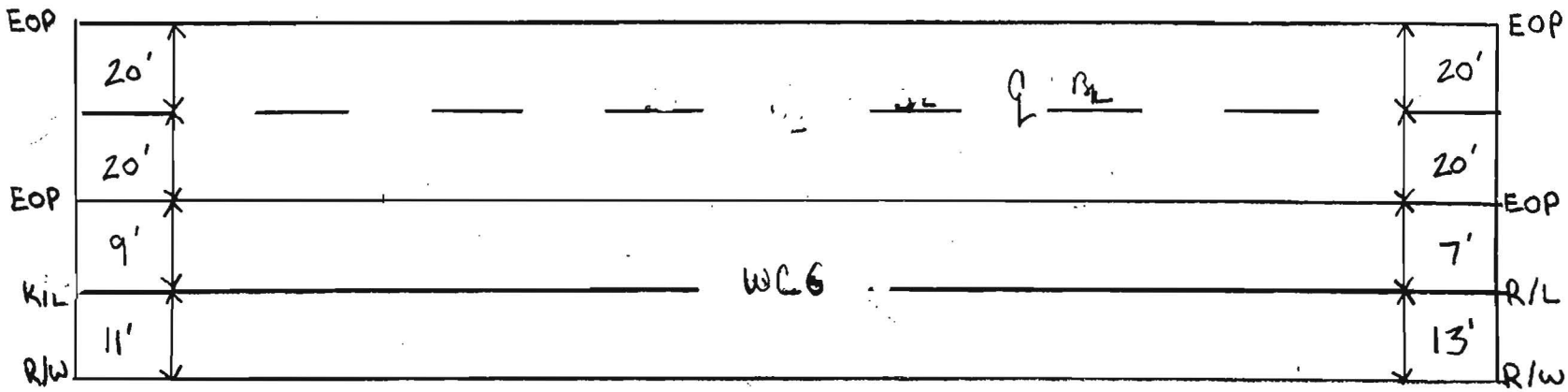
DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
MATCHLINE				SOUTH SIDE
1576+00	27'	48		PLOW
1576+65	27'	48"		END PLOW
1578+35	24	48		BEGIN PLOW
1580+00	26'	48"		
1582+00	28	48'		
1584+00	30	48		END PLOW

Williams CONSTRUCTION AS-BUILT DOCUMENTATIO | DATE: 7-10-01 | PROJECT: Santa Rosa | DWG/ALIGNMENT SHEET #: Sacr. 248-4 | SPREAD #: -4B

Point Arena ← N → Sacramento

Adobe Rd.



1516+70 29'0/s 48" Beg Bore

1517+30 28'0/s 84" Bore

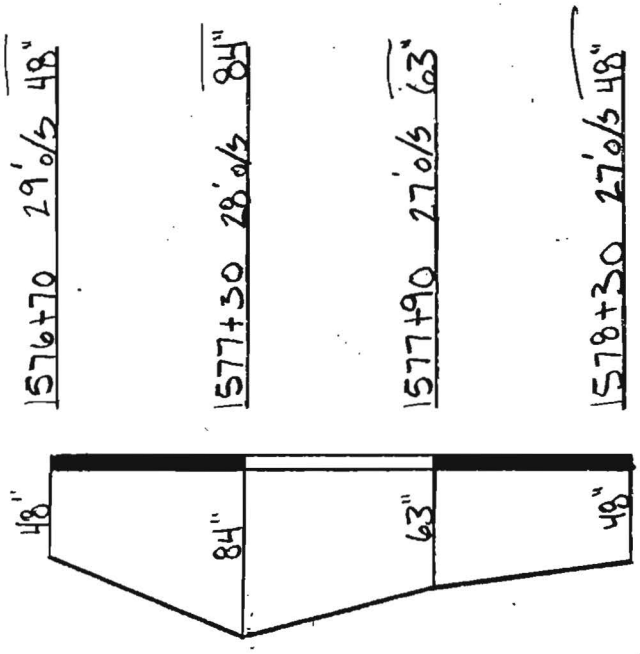
1517+90 27'0/s 63" Bore

1518+30 27'0/s 48" End Bore

NOTES:	COUNTY: Sonoma	CONTRACTOR: Tidwell
PAGE OF 2	DUCT CONFIGURATION: 2-1/2 HDPE Orange, Blue 1-1/4 HDPE Black	INSPECTOR: Jeb Sincraugh

Wi[redacted]ms CONSTRUCTION AS-BUILT DOCUMENTATIO[redacted] | DATE: 2-10-01 | PROJECT: Santa Rosa | DRAWING/SHEET: Sacr-248-4 [redacted]-4B

Point Arena ← N → Sacramento



NOTES:	COUNTY: Sonoma	CONTRACTOR: Tidwell
	DUCT CONFIGURATION: 2-1½ HDPE orange, Blue 1-1¼ HDPE Black	INSPECTOR: Jeb Sincraugh
PAGE 2 OF 3		

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
MATCHLINE				SOUTH SIDE
1576+00	27'	48		PLOW
1576+65	27'	48"		END PLOW
1578+35	24	48		BEGIN PLOW
1580+00	26'	48"		
1582+00	28	48'		
1584+00	30	48"		END PLOW

Williams

Williams Construction As-Built Documentation

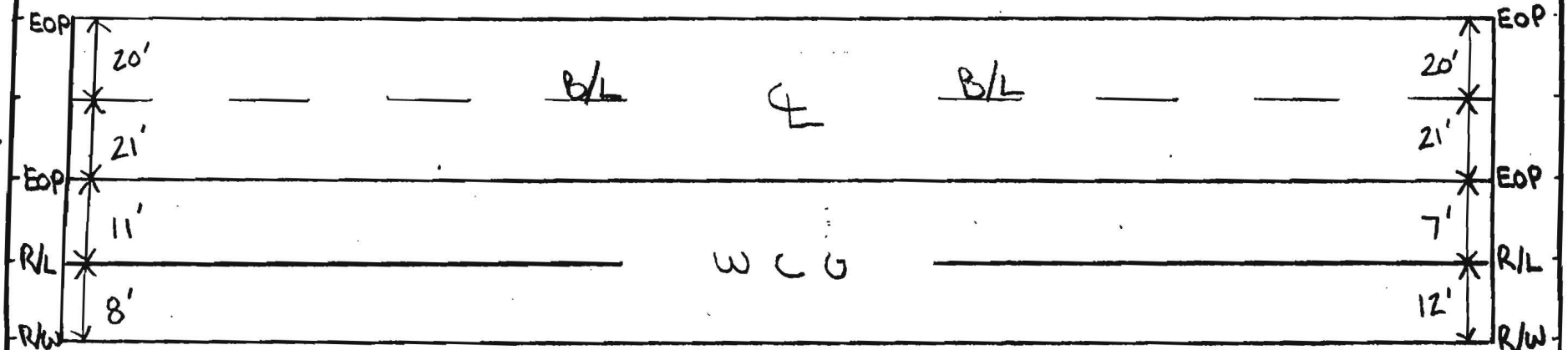
Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date:
Page No. 1
Drawing #: Sour-248-4

From: Point Arena

N

To: Sacramento



1584+30 32'o/s 48" Beg Bore

1584+90 32'o/s 107" Bore

1585+50 31'o/s 70" Bore

1586+10 30'o/s 78" Bore

1586+45 28'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (Cross Country)

Inspector: Jebs Sincraugh

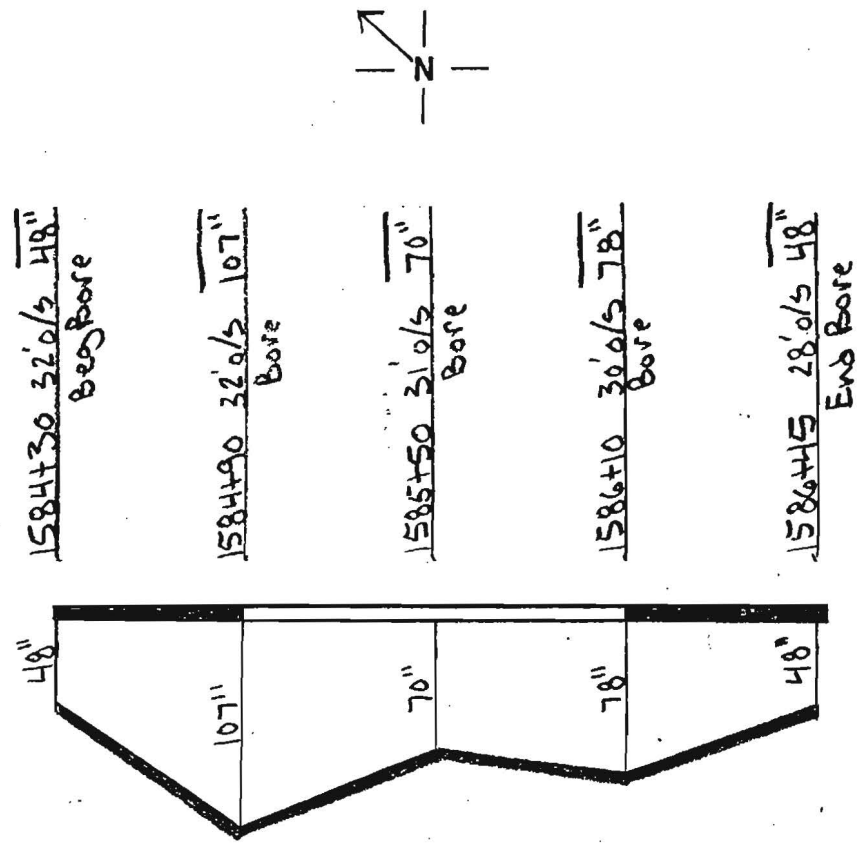
Williams Constr[illegible]n As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12 [illegible] 00
Page No. 2 [illegible] 2
Drawing #: Sacr-248-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell (Cross Country)
	Duct Configuration:	Inspector: Jeb Sincraugh

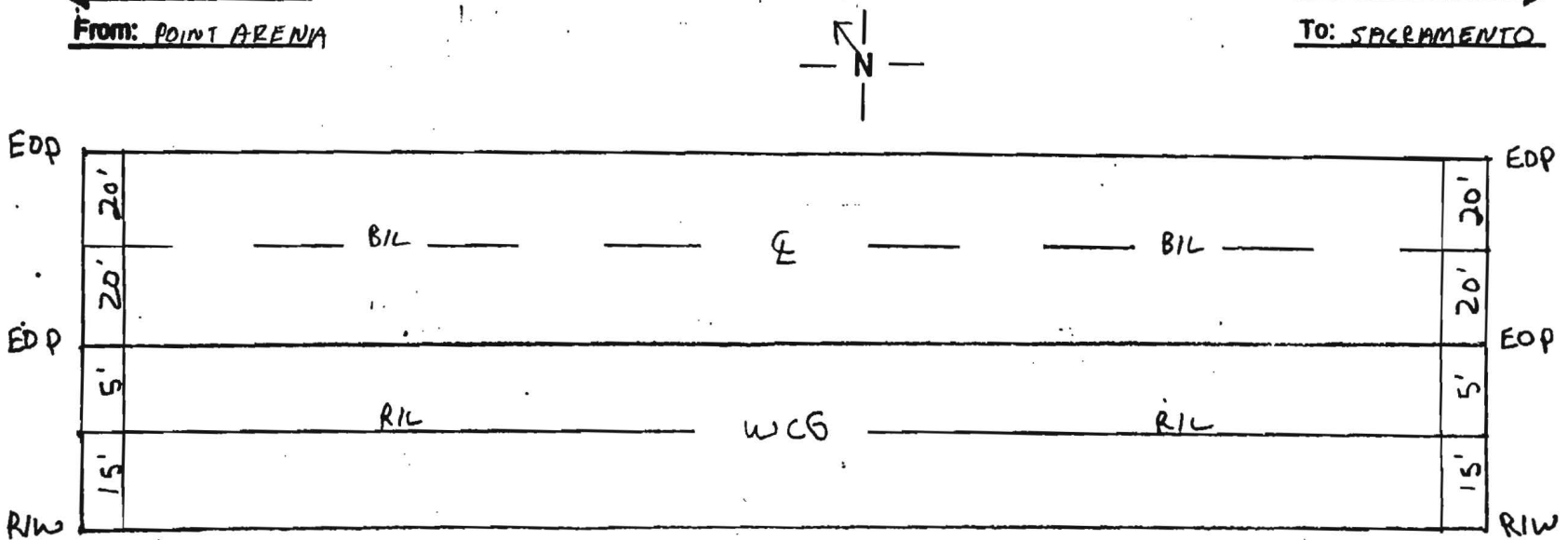
Williams Construction As-Built Documentation

Spread Location:
Spread No. 4B
AFE No. 4875
Contract No. 99P154.16

Page No. 1 of
Drawing #: SACR 248, 249

From: POINT ARENA

To: SACRAMENTO



1586+80 25'OIS 48"
Begin Bore
1587+00 MATCHLINE

1587+40 25'OIS 70"
Bore

1588+00 25'OIS 77"
Bore

1588+30 25'OIS 48"
End Bore

Notes:	County: Sonoma	Contractor: Tidwell
2 1½ HDPE orange, Blue	Duct Configuration:	Inspector: JR Smith

Williams Constructi[illegible]s-Built Documentation

Spread Location:

Spread No. 4B

AFE No. 4875

Contract No. 99P154.16

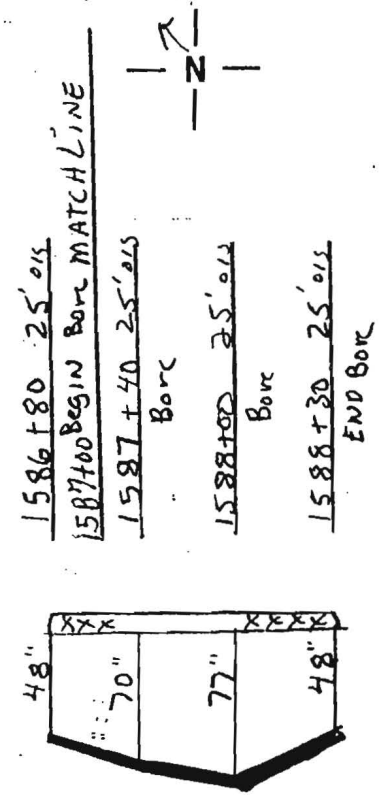
Date:

Page No. 2 of

Drawing #: SACR 248.249

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smith

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1588+45 SPLICE AII 18'0/S 48"

1588+93 2' RT. CULVERT

1589+15 36" RT. CULVERT

1589+20 CULVERT

1589+23 16" RT. CULVERT

1589+24 15" RT. CULVERT

1589+31 CMP STEEL

1589+62 2' RT. CULVERT

1589+79 62' LT. POWER POLE

1589+96 5' LT. C/L DRIVEWAY

1590+23 1' RT. CULVERT

1591+45 SPLICE AII

1591+16 70' LT. FENCE CORNER

1591+17 3' RT. TELE. POLE

1591+18 3' RT. POLE

1591+18 39' LT. UTIL POLE

1591+20 58' LT. CULVERT

1591+20 67' LT. UTIL POLE

1591+40 67' LT. FENCE CORNER

1591+57 64' LT. TELE. POLE

1591+85 66' LT. CULVERT

1592+25 SPLICE AII

1592+31 MARKER POLE

1592+48 9' RT. TELE. POLE

1592+50 SPLICE AII 27'0/S 48"

1593+68 1' LT. TELE. POLE

1593+82 POLE

1593+91 1' LT. POLE

1594+02 POLE

1594+51 62' LT. UTIL. POLE

1594+52 UTIL. POLE

1594+52 71' LT. POLE

1594+74 64' LT. POLE

1594+87 65' LT. POLE

1595+12 63' LT. TELE. POLE

1595+30 SPLICE AII 23'0/S 48"

1597+04 13'LT. UTIL. POLE

1597+66 79'LT. TELE. POLE

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

MATCH LINE 1587+00

SHT. 248-SPRD 4

75'0/S 48"

31'0/S 48"

37'

ASPHALT DRIVE

27'0/S 48"

27'0/S 48"

32'0/S 48"

31'0/S 48"

31'0/S 48"

36'

OLD ADOBE ROAD

1587+00 1588+00 1589+00 1590+00 1591+00 1592+00 1593+00 1594+00 1595+00 1596+00 1597+00 1598+00

15' 10' 15' 30'

RIGHT-OF-WAY BY OCCUPATION

WILLIAMS FIBER ROUTE

ASPHALT DRIVE

MATCH LINE 1599+00

SHT. 250-SPRD 4

| | | |

Williams Construct[illegible] As-Built Documentation

Spread Location:

Spread No. 4B

AFE No. 4875

Contract No. 99P154.16

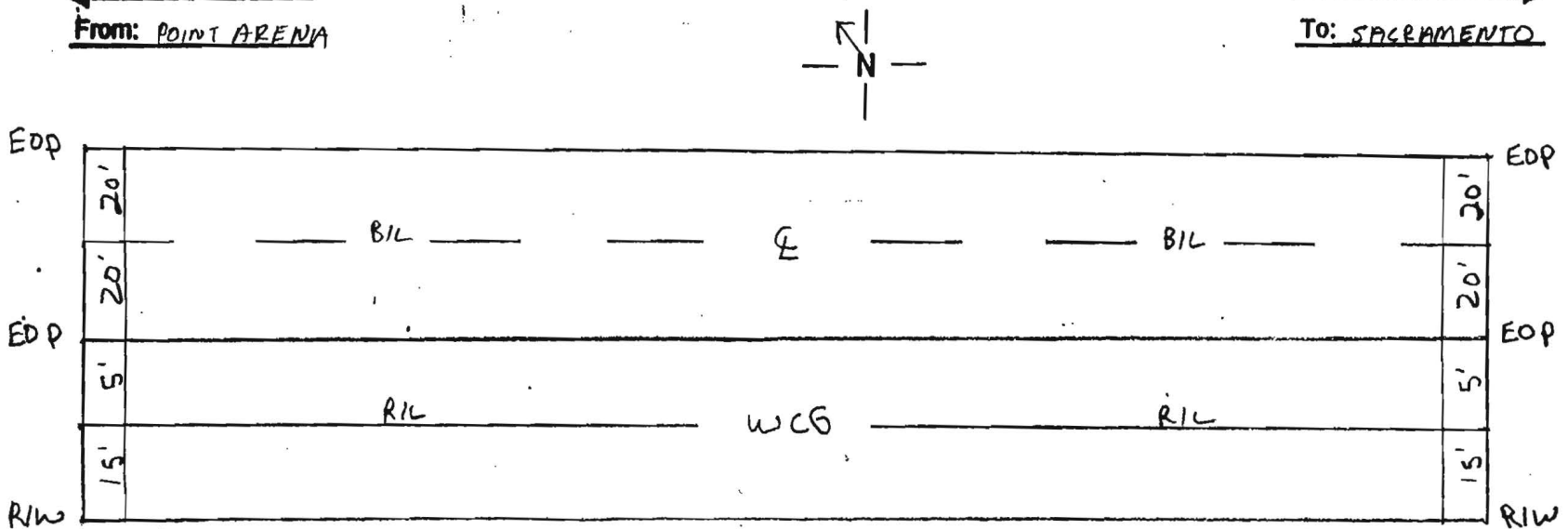
Date:

Page No. 1 of

Drawing #: SACR 248, 249

From: POINT ARENA

To: SACRAMENTO



1586+80 25'ois 48"
Begin Bore
1587+00 MATCHLINE

1587+40 25'ois 70"
Bore

1588+00 25'ois 77"
Bore

1588+30 25'ois 48"
End Bore

Notes:	County: Sonoma	Contractor: Tidwell
2 1½ HDPE orange, Blue 1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Construction As-Built Documentation

Spread Location:

Spread No. 4B

AFE No. 4875

Contract No. 99P154-16

Date: / /10

Page No. 2 of

Drawing #:

SALE 248.249

From: POINT ARENA

To: SACRAMENTO

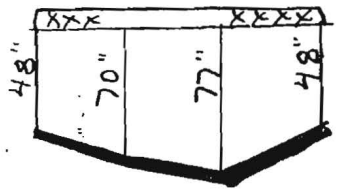
N

1586+80 25' o/s
15B7+00 Begin Bore MATCH LINE

1587+40 25' o/s
Bore

1588+00 25' o/s
Bore

1588+30 25' o/s
END Bore



Notes:

2 1½ HDPE orange, Blue

1 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: JR SMITH

Williams

Williams Construction As-Built Documentation

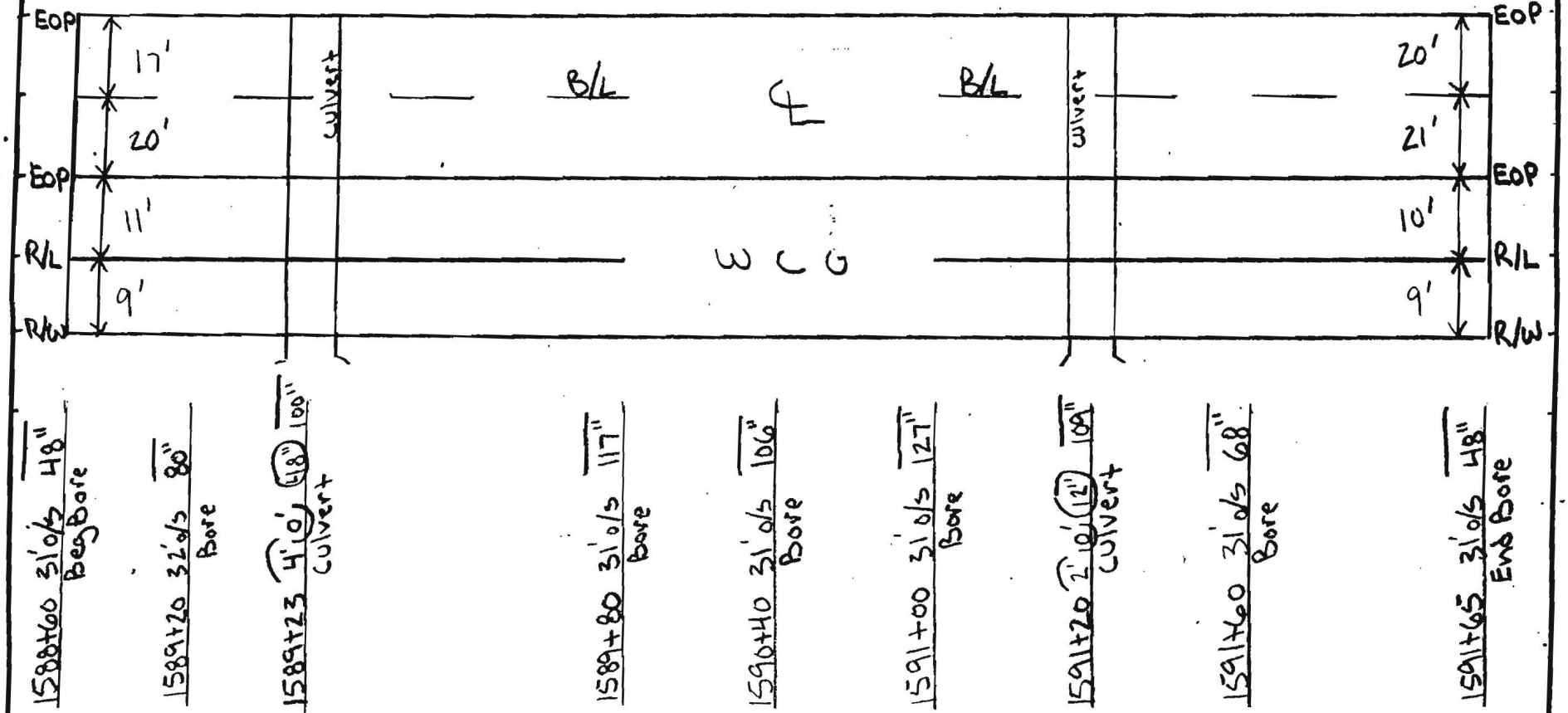
Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-1
Page No. 1
Drawing #: Sacr-249-4

From: Point Arena

N

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (Cross Country)

Inspector: Jebs Sincraugh

Williams Construct[illegible]s-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

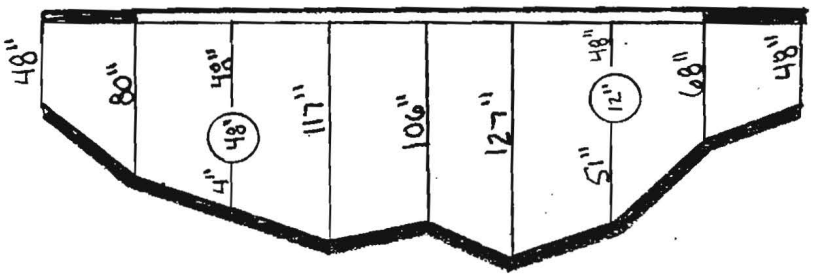
Date: [illegible]
Page No. 2
Drawing #: Sour-249-00

From: Point Arena

N

To: Sacramento

1588+60 31 o/s 48" beg Bore
1588+20 32 o/s 80" Bore
1589+23 41.0' (48") 100" Culvert
1589+80 31 o/s 117" Bore
1590+40 31 o/s 106" Bore
1591+00 31 o/s 127" Bore
1591+20 21.0' (12") 109" Culvert
1591+60 31 o/s 68" Bore
1591+65 31 o/s 48" End Bore



Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell (Gross Country)
	Duct Configuration:	Inspector: Jeb Sinclaugh

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1592+25	27	48		BEG PLOW SOUTH SIDE RD
1593+40	27'	48		END PLOW
1595+40	31'	48"		BEG PLOW
1596+00	31'	48"		
1598+00	31'	48"		
MATCHLINE				

DATE:	12-20-00	CONTRACTOR:	TIDWELL
COUNTY:	SONOMA	INSPECTOR:	JR SMITS
ALIGN. SHT. #		PROJECT:	46

Williams

Williams Construct[illegible] As-Built Documentation

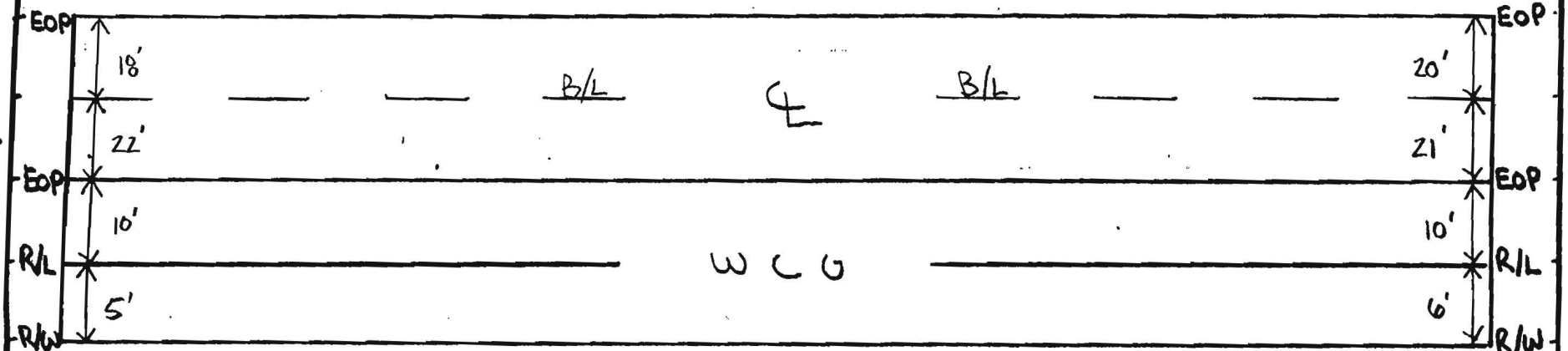
Spread Location: [illegible]nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Page No. 1 [illegible]
Drawing #: SoNS-249-4

From: Point Arena

N

To: Sacramento



1593+60 32 o/s 48" Beg Bore

1594+20 32 o/s 62" Bore

1594+80 31 o/s 70" Bore

1595+35 31 o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sincraugh

Williams Construct[illegible]s-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-9-0[illegible]
Page No. 2 a
Drawing #: SacS-249-4

From: Point Arena

N

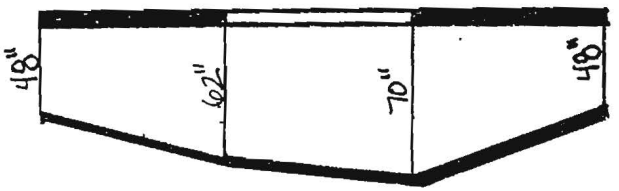
To: Sacramento

1593+60 32'o/s 48" Bore Bore

1594+20 32'o/s 62" Bore

1594+80 31'o/s 70" Bore

1595+35 31'o/s 48" End Bore



Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sinclaugh

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1592+25	27	48		BEG PLOW SOUTH SIDE RD
1593+40	27'	48		END PLOW
1595+40	31'	48"		BEG PLOW
1596+00	31'	48"		
1598+00	31'	48"		
MATCHLINE				

DATE:	12-20-00	CONTRACTOR:	TIDWELL
COUNTY:	SONOMA	INSPECTOR:	JR SMITS
ALIGN. SHT. #		PROJECT:	46

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1599+45 SPLICE MH 30' 0/S 42"

1599+93 MARKER POLE

1600+16 80'LT. TELE. POLE

1601+60 24'LT. HEADWALL
1601+64 23'LT. C/L CREEK
1601+64 25'LT. C/L CREEK
1601+68 23'LT. HEADWALL
1601+80 48'LT. UTIL. POLE
1601+91 78'LT. CULVERT

1602+50 81'LT. CULVERT

1604+33 MARKER POLE
1604+30 80'LT. CULVERT
1604+34 HAND HOLE 30' 0/S 42"
JR SMITS 3.7.01
1604+62 80'LT. CULVERT
1604+63 40'LT. BEGIN STEEL
1604+65 79'LT. UTIL. POLE

1605+07 74'LT. CULVERT
1605+17 82'LT. CULVERT

1605+41 19'LT. E. WASHINGTON
1605+47 92'LT. WATER VALVE
1605+59 84'LT. STORM DRAIN

~~1606+80 9'LT. END STEEL~~
1606+00 83'LT. CULVERT

1606+27 18'LT. C/L DRIVEWAY

1607+45 SPLICE MH 24' 0/S 42"

1608+15 3'LT. UTIL. POLE

1610+53 57' LT. CULVERT
1610+69 3' RT. UTIL. POLE
1610+90 59' LT. CULVERT

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

FROM 1607+60 TO 1611+00 AREA WAS RE-SURVEYED, TOO CLOSE TO ROAD BEFORE. JEB SINCLAUGH 2.2.01

MATCH LINE 1599+00

SHT. 249-SPRD 4

31'0/S 4.8"
37'0/S 4.8"

C/L CREEK

C/L ROAD

29'0/S 4.8"

ELMORINE ROAD

C/L ROAD

28'0/S 4.8"
39'0/S 4.8"

OLD ADOBE ROAD

ASPHALT DRIVE

36'

1600+00 1601+00 1602+00 1603+00 1604+00 1605+00 1606+00 1607+00 1608+00 1609+00 1610+00

SIGN

SIGN

SIGN

E

W

EAST WASHINGTON

ASPHALT DRIVE

23' END BORE

RIGHT-OF-WAY BY OCCUPATION

18'

13'

MATCH LINE 1611+00

SHT. 251-SPRD 4

WILLIAMS FIBER ROUTE

1599+00	BEGTRENCH																						
1599+40	END PULL	BEGTRENCH																					
1599+40	BEG PIPE	ENDTRENCH																					
			31'0/S 11.6"	31'0/S 27.4"	32'0/S 35.8"	32'0/S 35.8"	32'0/S 35.27"	32'0/S 27.23"	32'0/S 17.9"	32'0/S 4.7"	29'0/S 13.9"	29'0/S 13.9"	28'0/S 11.74"	28'0/S 4.6"	BEG PIPE	END PIPE	39'0/S 4.0"	37'0/S 7.9"	34'0/S 8.2"	33'0/S 7.7"	33'0/S 2.4"	33'0/S 0.3"	
			1600+20	1600+80	1601+40	1602+00	1602+40	1603+20	1603+80	1604+40	1605+10	1605+70	1606+30	1606+80	1607+40	1607+60	1608+20	1608+80	1609+40	1610+00	1610+60	1610+90	1611+00

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.625" HDPE BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

1599+00 1599+40 40'	1599+40 1599+60 20'	1599+60 1604+00 440'	1604+00 1604+50 50'	1604+50 1607+00 250'	1607+00 1607+30 30'	1607+30 1607+60 30'			1607+75 1611+00 325'
1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.20.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.20.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE J SINCRAUGH 12.18.00 CROSS COUNTRY	1.11 @3.21 2-1.5" HDPE 1-1.6" HDPE J SINCRAUGH 12.18.00 CROSS COUNTRY	1.11 @3.21 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.11.00 CROSS-COUNTRY	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.16.00 CROSS-COUNTRY 66 ATRACER WIRE J. SINCRAUGH 6.15.01 IN BLACK 1.25 HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2.2.01 TIDWELL			1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.20.00 TIDWELL

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Feg Line end/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

COMMUNICATIONS GROUP
Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : S&V	DATE : 03/10/00
CHECKED BY : S&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-250-SPRD 4

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
MATCHLINE				SOUTH SIDE RD
1599+40	31'	48"		END PLOW

DATE: 12-20-00	CONTRACTOR: TIDWELL
COUNTY: SONOMA	INSPECTOR: JR SMITS
ALIGN. SHT. #	PROJECT: 48

Williams Construction As-Built Documentation

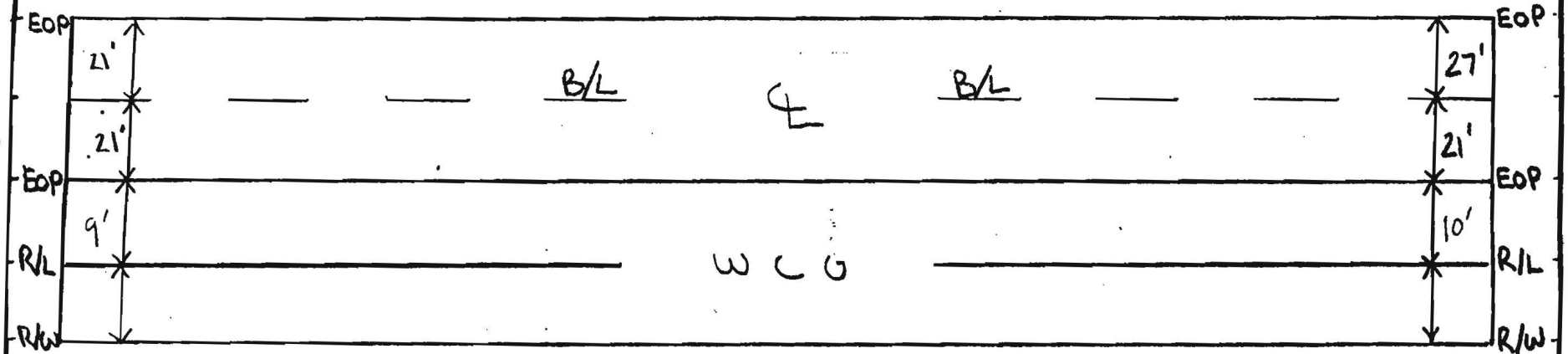
Spread Location: Santa Rosa
Spread No. SouthHB
AFE No. 4875
Contract No. 99P154.16

Page No. 1
Drawing #: Sacr-250-4

From: Point Arena

N

To: Sacramento



1599+60 30'o/s 48" Beg Bore

1600+20 31'o/s 116" Bore

1600+80 31'o/s 274" Bore

1601+40 32'o/s 386" Bore

1602+00 32'o/s 381" Bore

1602+60 32'o/s 327" Bore

1603+20 32'o/s 223" Bore

1603+80 32'o/s 174" Bore

1604+40 32'o/s 62" Bore

1604+50 31'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (Cross Country)

Inspector: Jebs Ivcraugh

Williams

Williams Construct[illegible] As-Built Documentation

Spread Location: [illegible]nta Rosa

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

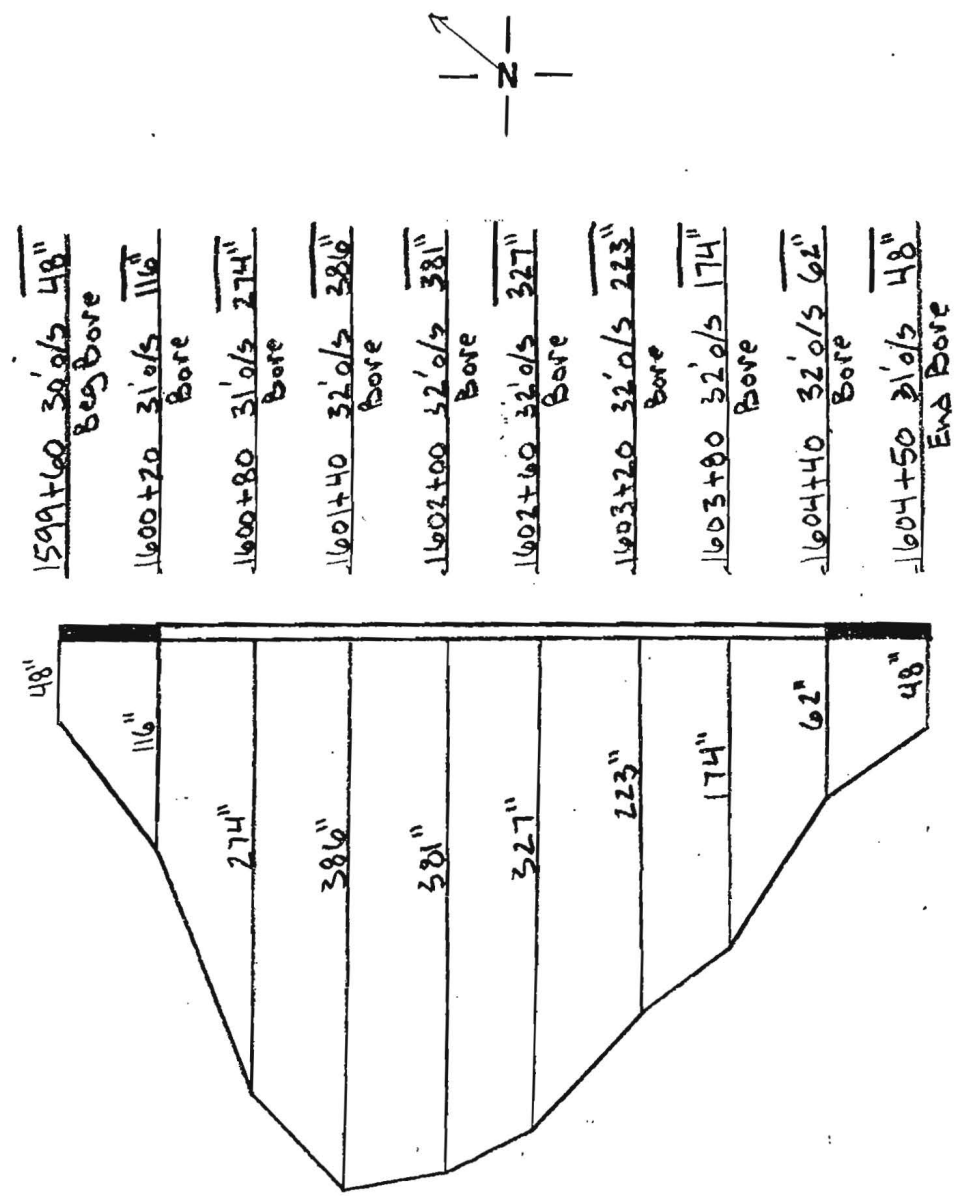
Date: 12 10

Page No. 2

Drawing #: Sacr-250-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell (Cross Country)
	Duct Configuration:	Inspector: Jeb Sincraugh

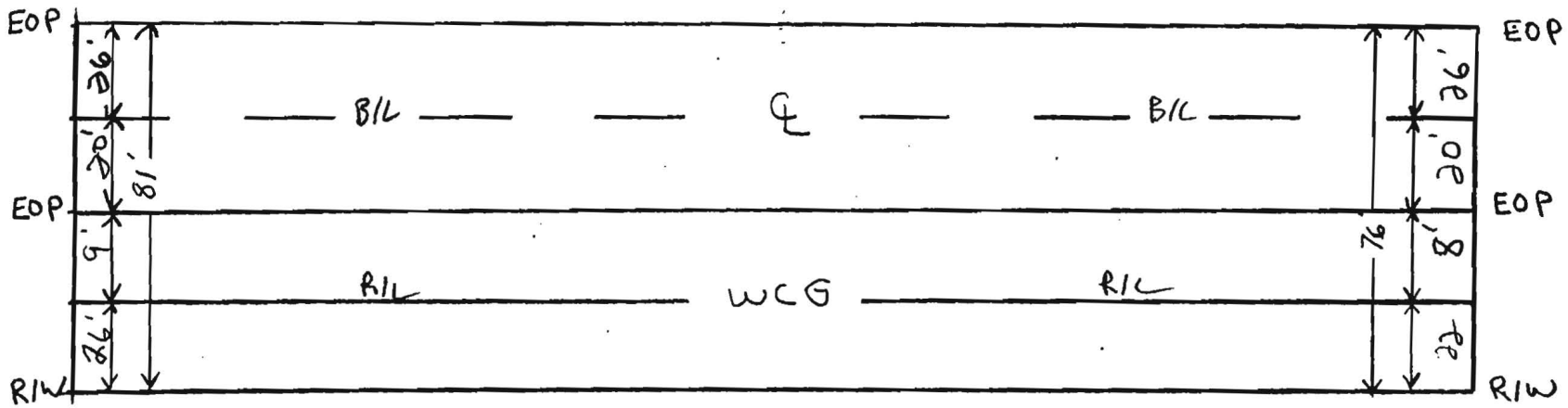
Williams Construc[illegible]s-Built Documentation

Spread Location:
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-1[illegible]00
Page No. 1
Drawing #: SACR-250

From: POINT AREUA ← N → To: SACRAMENTO

1604+30	1605+10	1605+70	1606+30	1606+90	1607+30
39'ers. 48"	39'ers 139"	39'ers 139"	38'ers 117"	38'ers 60"	38'ers 48"
Begin Bore	Bore	Bore	Bore	Bore	END Bore



Notes:
2 1½ HDPE orange, Blue
1 1¼ HDPE Black

County: Sonoma
Duct Configuration:
Contractor: Tidwell/CrossCountry
Inspector: JR SMITS

Williams Construct[illegible] As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 10-1[illegible]

Page No. 2 of [illegible]

Drawing #: SACR-250-4

From: POINT ARENA

To: SACRAMENTO

N

1604+50 29'ors Begin Bore

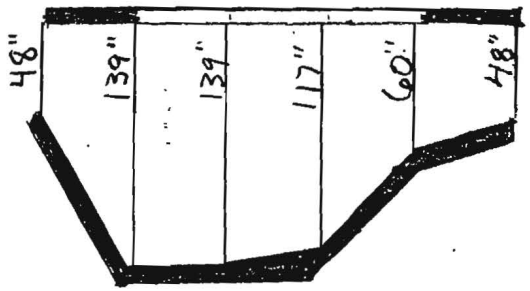
1605+10 29'ors Bore

1605+70 29'ors Bore

1606+30 38'ors Bore

1606+90 38'ors Bore

1607+30 38'ors End Bore



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell/Cross Country
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMHS

Williams

Williams Construct[illegible] As-Built Documentation

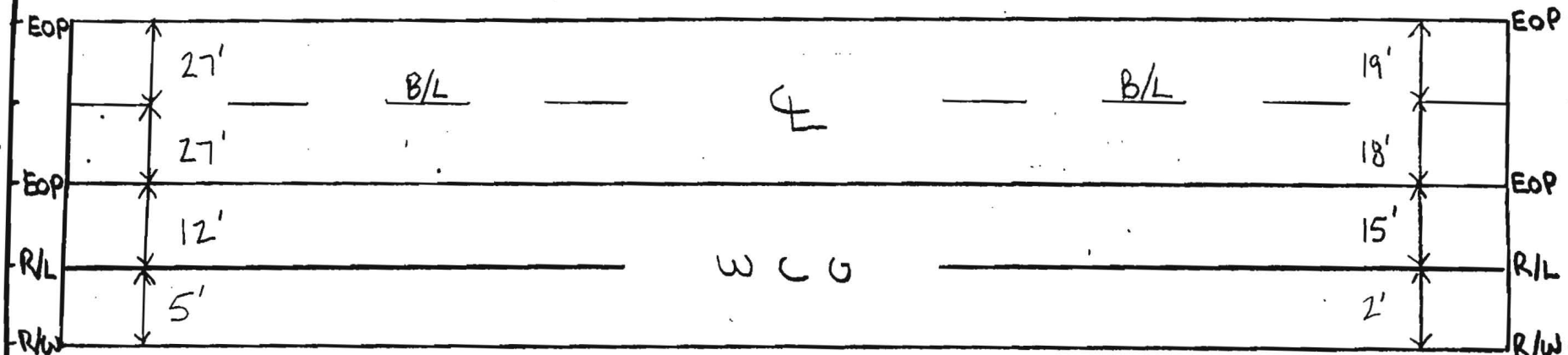
Spread Location: [illegible]ta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: [illegible]
Page No. 1
Drawing #: Sacr - 250, 251

From: Point Arena

N

To: Sacramento



1607+60 39'0/s 48" Beg Bore

1608+20 39'0/s 60" Bore

1608+80 37'0/s 78" Bore

1609+40 34'0/s 82" Bore

1610+00 33'0/s 77" Bore

1610+60 33'0/s 84" Bore

1611+00 Matchline

1611+20 34'0/s 96" Bore

1611+80 33'0/s 88" Bore

1612+40 33'0/s 52" Bore

1612+45 33'0/s 48" End Bore

Redrawn by —

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jebsincraugh

Williams

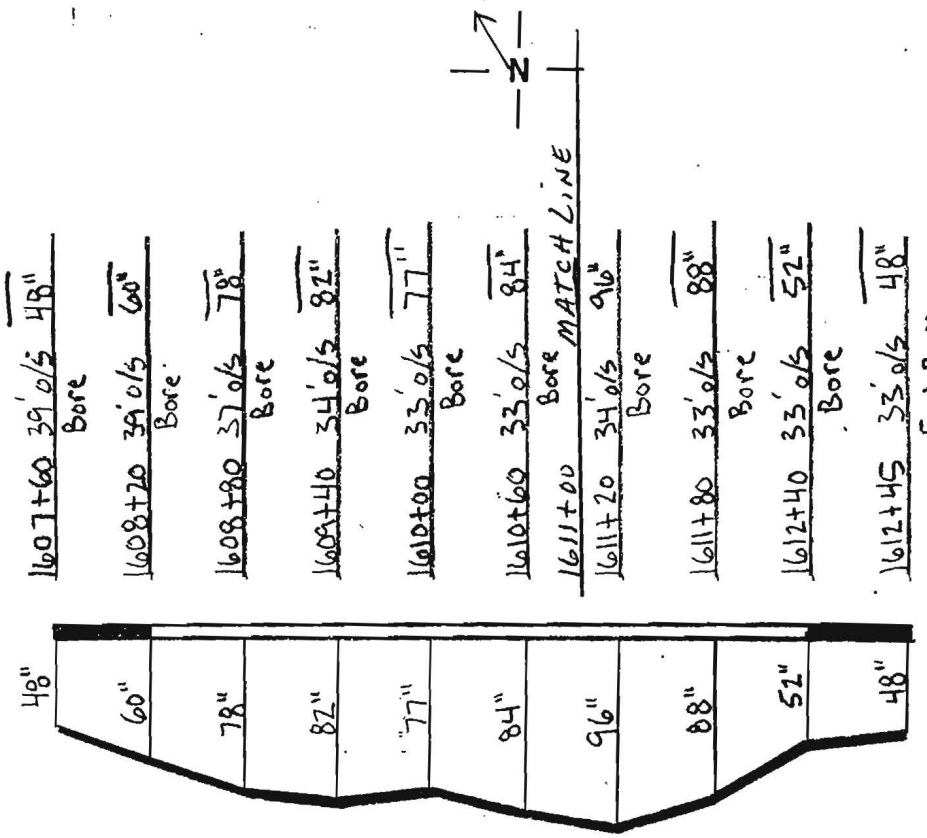
Williams Construc[illegible] As-Built Documentation

Spread Location, [illegible]nta Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 2-2
Page No. 2
Drawing #: Socr-250, 251-4

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black		County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: Jeb Sincraugh

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1612+47 MARKER POLE
1612+48 SPLICE IN 33'01S 48"
1613+18 2' RT. UTIL. POLE
1615+67 2' RT. UTIL. POLE
1617+46 SPLICE IN 33'01S 48"
1618+15 2' RT. UTIL. POLE
1619+29 MARKER POLE
1620+61 65' LT. UTIL. POLE
1620+62 2' RT. UTIL. POLE
1620+71 [illegible]
1620+76 GAS LINE
1621+04 [illegible]
1622+37 SPLICE IN 33'01S 48"
1622+37 1' RT. CULVERT
1622+44 [illegible]
1622+61 [illegible]
1622+59 10' LT. C/L DRIVEWAY
1622+65 6' LT. CULVERT

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

NOTE: FROM 1611+00 TO 1612+45
AREA WAS REROUTED TOO CLOSE TO ROAD
JEB SINGRAUGH 7.7.01

NOTE: FROM 1612+50 TO 1617+45
AREA WAS REROUTED ON 7.3.01
JEN SINGRAUGH - TOO CLOSE TO ROAD THE 1ST TIME.

33'01S 48"

SIGN

MATCH LINE 1611+00

SHT. 250-SPRD 4

35'

15'

21'

OLD ADOBE ROAD

39'

G

1623+00

MATCH LINE

SHT. 252-SPRD 4

RIGHT-OF-WAY BY OCCUPATION

WILLIAMS FIBER ROUTE

ASPHALT DRIVE

1611+00		1612+45	1612+50	1613+10	1613+70	1614+30	1614+90	1615+50	1616+10	1616+70	1617+45	1617+50	1618+10	1618+70	1619+30	1619+90	1620+50	1621+10	1621+70	1622+10	1622+35	1623+00
96"	33'01S	33'01S	BEG TRENCH	33'01S	33'01S	33'01S	33'01S	33'01S 84"	33'01S	33'01S	33'01S	BEG TRENCH	33'01S 80"	33'01S 81"	33'01S 94"	33'01S 87"	33'01S 72"	33'01S 70"	33'01S 73"	BND TRENCH	BEG TRENCH	
82"	BND BORE	BEG BORE	END TRENCH	72"	81"	84"	87"		78"	78"	BEG BORE	END TRENCH								BEG BORE	END TRENCH	
1611+20	1611+80	1612+45	1612+50	1613+10	1613+70	1614+30	1614+90	1615+50	1616+10	1616+70	1617+45	1617+50	1618+10	1618+70	1619+30	1619+90	1620+50	1621+10	1621+70	1622+10	1622+35	1623+00

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

NOTE: FROM STATION # 1617+50 TO STATION # 1622+35
AREA WAS REROUTED AGAIN ON 7.6.01 BY JEB SINGRAUGH.

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)
1-1.25" HDPE BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

1611+00	1612+45		1617+45	1622+90	1622+35
1622+37	1612+50		1617+50	1623+00	1622+40
1137'	5'		5'	60'	5'
1.11	1.11		1.11	1.11	1.11
2-1.5" HDPE 1-1.25" HDPE JR SMITS 12_20_00 TIDWELL	2-1.5" HDPE 1-1.25" HDPE JEB SINGRAUGH 7.2.01 TIDWELL		2-1.5" HDPE 1-1.25" HDPE JEB SINGRAUGH 7-10-01 TIDWELL	2-1.5" HDPE 1-1.25" HDPE JEB SINGRAUGH 7-10-01 TIDWELL	2-1.5" HDPE 1-1.25" HDPE JEB SINGRAUGH 7.10.01 TIDWELL

6GA TRACERWIRE
J. SINGRAUGH
6.15.01
IN BLACK 1.25" HDPE

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION

CABLE FIBER COUNT MFR. TYPE OF GLASS
CABLE REEL NO.
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT

INNERDUCT & TYPE (CORR/SMOOTH/COLOR)
STEEL PIPE SIZE
PVC

FUTURE UNIT PLACE

FUTURE-2
FUTURE-3
FUTURE-4

COMMERCIAL GROUP
Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	

DRAWING NUMBER : SACR-251-SPRD 4

Williams

Williams Construc[illegible] As-Built Documentation

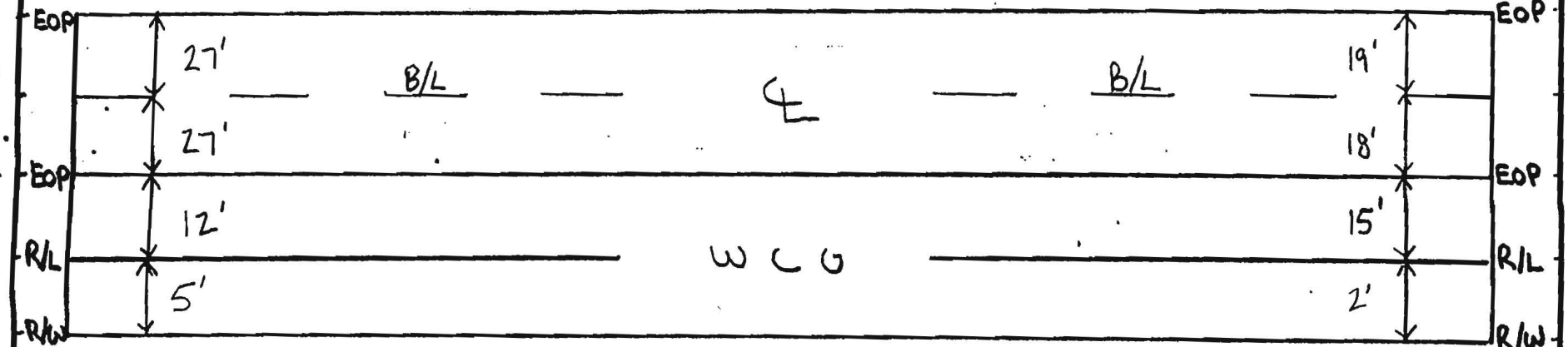
Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Page No. 1
Drawing #: Sacr - 250, 251

From: Point Arena

N

To: Sacramento



1607+60 39'o/s 48" Beg Bore

1608+20 36'o/s 60" Bore

1608+80 37'o/s 78" Bore

1609+40 34'o/s 82" Bore

1610+00 33'o/s 77" Bore

1610+60 33'o/s 84" Bore

1611+00 matchline

1611+20 34'o/s 96" Bore

1611+80 33'o/s 88" Bore

1612+40 33'o/s 52" Bore

1612+45 33'o/s 48" End Bore

Redrawn by —

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jebsimcraugh

Williams

Williams Construction As-Built Documentation

Spread Location, Santa Rosa

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

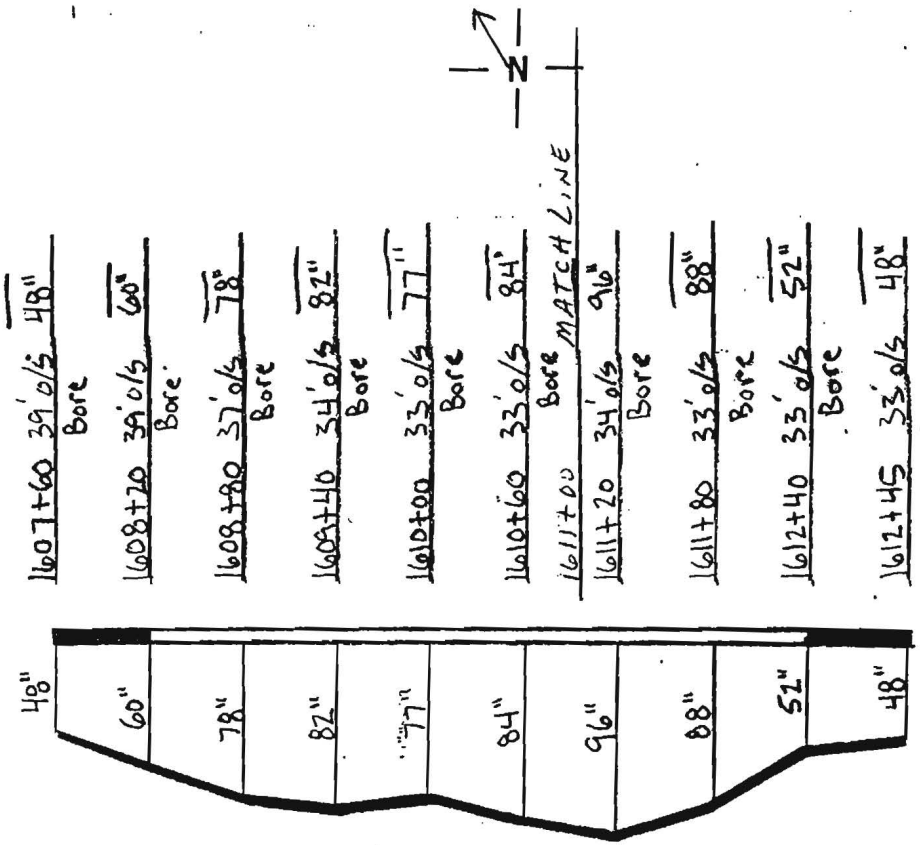
Date: 2-4

Page No. 2

Drawing #: Socr-250, 251-4

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

Williams

Williams Construc[illegible] As-Built Documentation

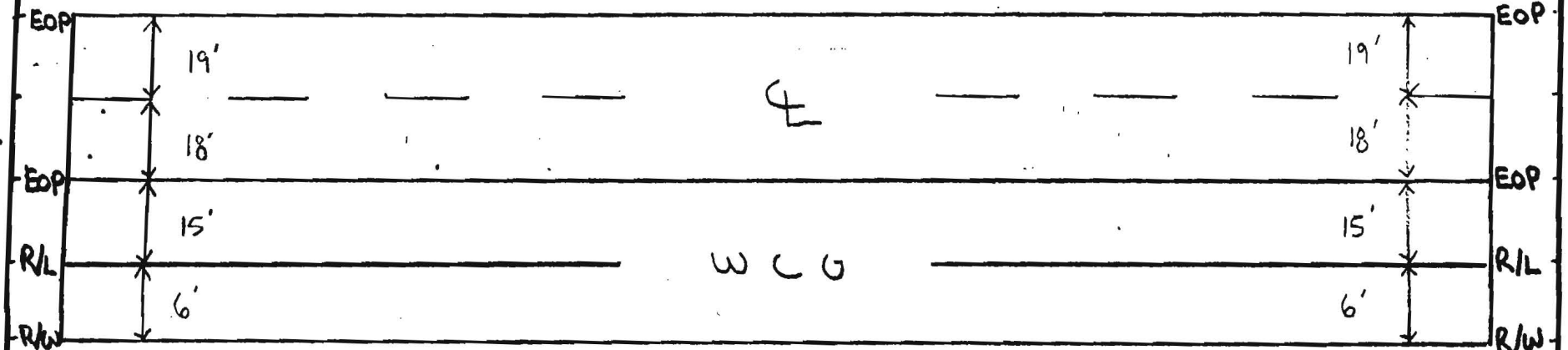
Spread Location: [illegible]ta Rosa
Spread No. South HB
AFE No. 4875
Contract No. 99P154.16

Page No. 1
Drawing #: Socr-251-4

From: Point Arena

N

To: Sacramento



Redrawn

1612+50	33'o/s	48"	Beg Bore	
1613+10	33'o/s	72"	Bore	
1613+70	33'o/s	81"	Bore	
1614+30	33'o/s	84'	Bore	
1614+90	33'o/s	89"	Bore	
1615+50	33'o/s	84"	Bore	
1616+10	33'o/s	78"	Bore	
1616+70	33'o/s	78"	Bore	
1617+30	33'o/s	62"	Bore	
1617+45	33'o/s	48"	End Bore	

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jebsincraugh

Williams Construc[illegible]s-Built Documentation

Spread Location, [illegible]anta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

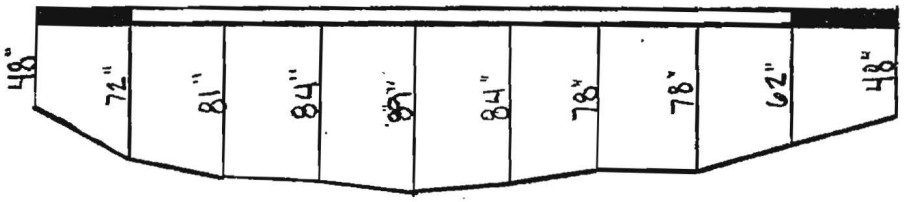
Date: 2-3
Page No. 2
Drawing #: Sacr-251-4

From: Point Arena

N

To: Sacramento

1612+50	33' o/s	48"	Beg Bore
1613+10	33' o/s	72"	Bore
1613+70	33' o/s	81"	Bore
1614+30	33' o/s	84"	Bore
1614+90	33' o/s	89"	Bore
1615+50	33' o/s	84"	Bore
1616+10	33' o/s	78"	Bore
1616+70	33' o/s	78"	Bore
1617+30	33' o/s	62"	Bore
1617+45	33' o/s	48"	End Bore



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

Williams

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Page No. 1
Drawing #: Sacr-251-4

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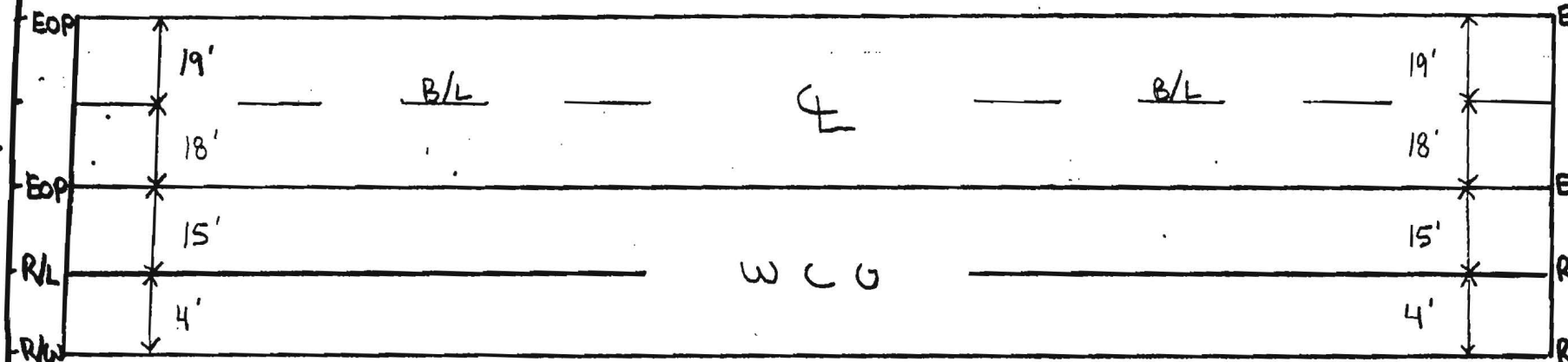


1617+50 33'o/s 48" Begs Bore

1618+10 33'o/s 80" Bore

1618+70 33'o/s 81" Bore

1619+30 33'o/s 94" Bore

1619+90 33'o/s 87" Bore

1620+50 33'o/s 72" Bore

1621+10 33'o/s 70" Bore

1621+70 33'o/s 73" Bore

1622+30 33'o/s 54" Bore

1622+35 33'o/s 118" End Bore

Redrawn

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jebsinclaugh

Williams

Williams Construc[illegible]s-Built Documentation

Spread Location, [illegible]nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

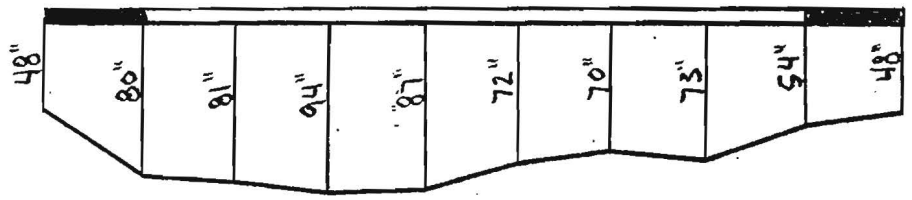
Date: 2-[illegible]
Page No. 2
Drawing #: Socr-251-4

From: Point Arena

N

To: Sacramento

1617+50	33'o/s	48"
Beg Bore		
1618+10	33'o/s	80"
Bore		
1618+70	33'o/s	81"
Bore		
1619+30	33'o/s	94"
Bore		
1619+90	33'o/s	87"
Bore		
1620+50	33'o/s	72"
Bore		
1621+10	33'o/s	70"
Bore		
1621+70	33'o/s	73"
Bore		
1622+30	33'o/s	54"
Bore		
1622+35	33'o/s	48"
End Bore		



Notes: 2-1½ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sinclaugh

Williams Construct[illegible] As-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. S-4B
AFE No. 4875
Contract No. 99P154.16

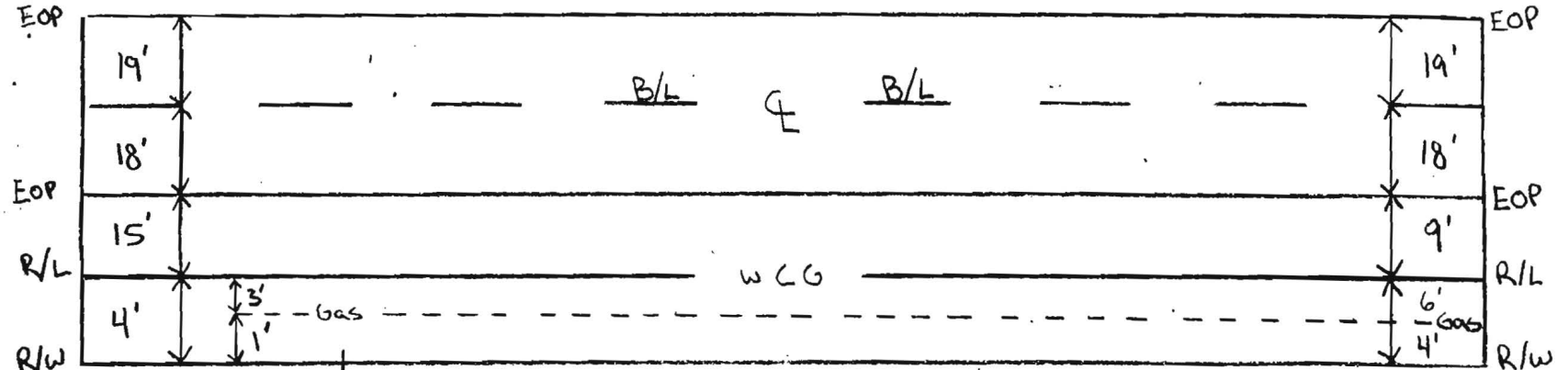
Date: 2-10[illegible]1
Page No. [illegible]
Drawing #: Sacs-251, 252

From: Point Arena

N

To: Sacramento

Adobe Rd.



1622+40 33'd/s 48" Beg Bore
1622+45 Gas Ends
1623+00 33'd/s 101" Bore
match Line
1623+60 31'd/s 124" Bore
1624+20 30'd/s 100" Bore
1624+80 30'd/s 79" Bore
1625+40 28'd/s 63" Bore
1625+96 27'd/s 48" End Bore

Notes: 2- 1½ HDPE orange, Blue 1- 1¼ HDPE Black		County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: Jeb Sincraugh

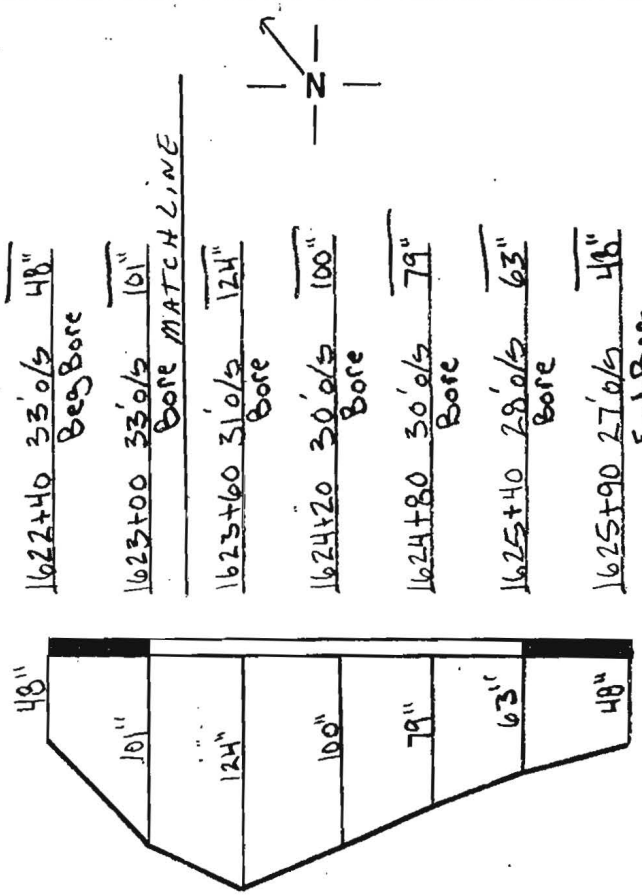
Williams Construction — As-Built Documentation

Spread Location: Santa Rosa
Spread No. 5-4B
AFE No. 4875
Contract No. 99P154.16

Date: 4-[illegible]01
Page No. 2[illegible]
Drawing #: Sacr-251, 252

From: Point Arena

To: Sacramento



Notes: 2-1½ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

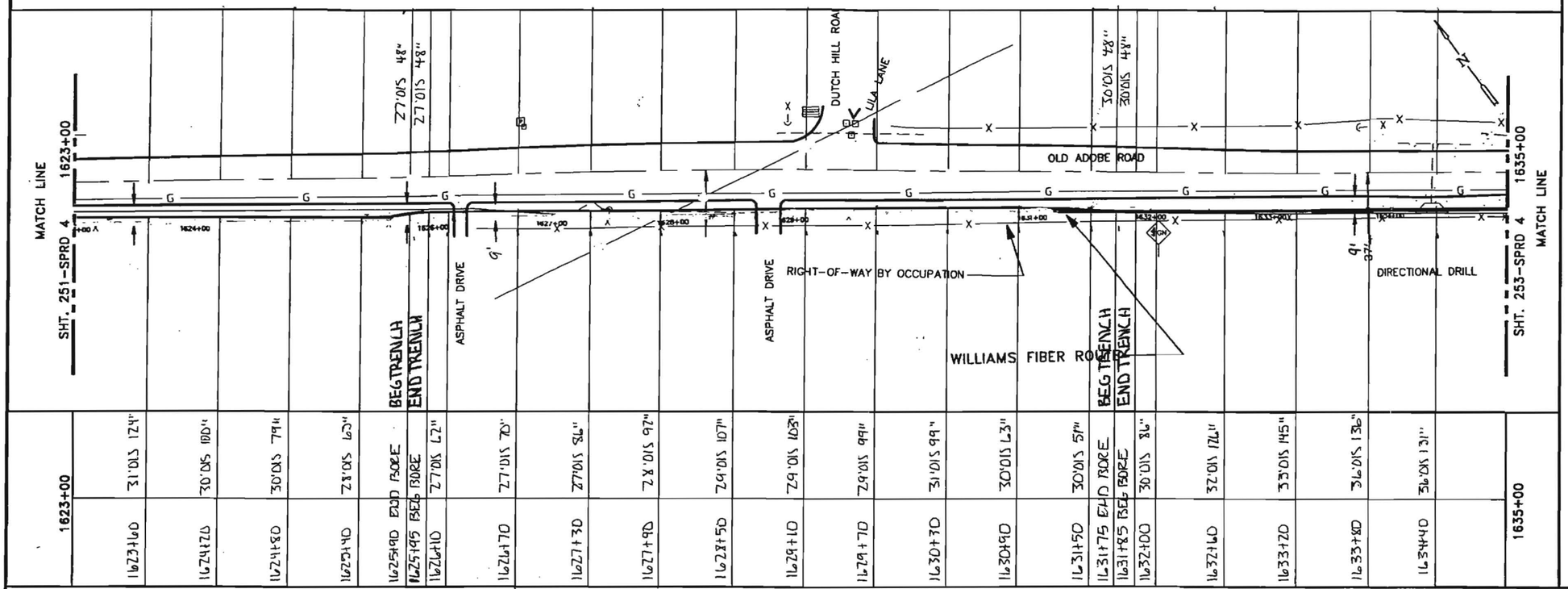
OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

1622+86 CABLE
1622+98 UTIL. POLE
1623+16 3' RT. UTIL. POLE
1625+62 1' RT. UTIL. POLE
1625+71 MARKER POLE
1625+93 SPLICE VAULT 27'0/S 48"
1628+12 6' LT. CULVERT
1628+23 7' LT. C/L DRIVEWAY
1628+32 4' LT. CULVERT
1628+72 77' LT. CABLE TV
1627+20 5' LT. CULVERT
1627+32 12' LT. CULVERT
1627+42 5' LT. CULVERT
1627+46 5' LT. POLE
1627+86 BEGIN CABLE
1627+92 WATER LINE
1627+97 END CABLE
1628+55 1' LT. CULVERT
1628+79 C/L DRIVEWAY
1628+87 65' LT. CULVERT
1628+95 76' LT. POLE
1628+98 88' LT. UTIL. POLE
1629+02 2' LT. CULVERT
1629+20 79' LT. STORM DRAIN
1629+44 73' LT. ELEC. VAULT
1629+45 1' RT. UTIL. POLE
1629+47 65' LT. ELEC. VAULT
1629+50 72' LT. ELEC. VAULT
1630+08 64' LT. CULVERT
1631+80 SPLICE VAULT 30'0/S 48"
1632+46 MARKER POLE
1633+14 5' RT. UTIL. POLE
1633+34 BEGIN STEEL
1633+72 67' LT. POLE
1633+92 69' LT. TELE. POLE
1634+20 HEADWALL
1634+21 52' LT. HEADWALL
1634+34 9' LT. HEADWALL
1634+39 6' LT. HEADWALL
1634+41 52' LT. HEADWALL
1634+51 1' LT. HEADWALL
1634+78 62' LT. CULVERT
1634+82 60' LT. CULVERT
1634+83 57' LT. HEADWALL

ROAD STATIONING

← POINT ARENA | SONOMA COUNTY CALIFORNIA | SACRAMENTO →



1623+00	31'0/S 12"	30'0/S 10"	30'0/S 79"	28'0/S 63"	BEGIN CABLE	END BORE	27'0/S 72"	27'0/S 70'	27'0/S 86"	28'0/S 92"	29'0/S 107"	29'0/S 105"	29'0/S 99"	31'0/S 99"	30'0/S 63"	30'0/S 51"	BEG TRENCH	END BORE	30'0/S 86"	32'0/S 126"	33'0/S 145"	36'0/S 136"	36'0/S 131"		1635+00
	1623+60	1624+20	1624+80	1625+40	1625+90	1625+95	1626+10	1626+70	1627+30	1627+90	1628+50	1629+10	1629+70	1630+30	1630+90	1631+50	1631+75	1631+85	1632+00	1632+60	1633+20	1633+80	1634+40		

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK 1-1.5" HDPE BLUE 1-1.5" HDPE ORANGE

1623+00	1625+90		1625+95	1627+87	1628+00	1631+75				1631+85	1633+37	
1625+90	1625+95		1627+87	1628+00	1631+75	1631+85				1633+37	1635+00	
290'	5'		192'	13'	375'	10'				152'	163'	
1.11 2-1.5" HDPE 1-1.25" HDPE JER SINCRAUGH 2-10.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2.10.01 TIDWELL		1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.27.00 TIDWELL	1.11 @ 3.21 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.27.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.27.00 TIDWELL 6GA TRACER WIRE J. SINCRAUGH 6.15.01 IN BLACK 1.15" HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2.10.01 TIDWELL				1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.27.00 TIDWELL	1.11 @ 3.21 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 12.27.00 TIDWELL	

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- OB Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- OB Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION
- CABLE FIBER COUNT MFR. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
- INNERDUCT & TYPE (CORR/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE UNIT PLACE
- FUTURE-2
- FUTURE-3
- FUTURE-4

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	

DRAWING NUMBER : SACR-252-SPRD 4

Williams

Williams Construct[illegible] As-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. S-48
AFE No. 4875
Contract No. 99P154.16

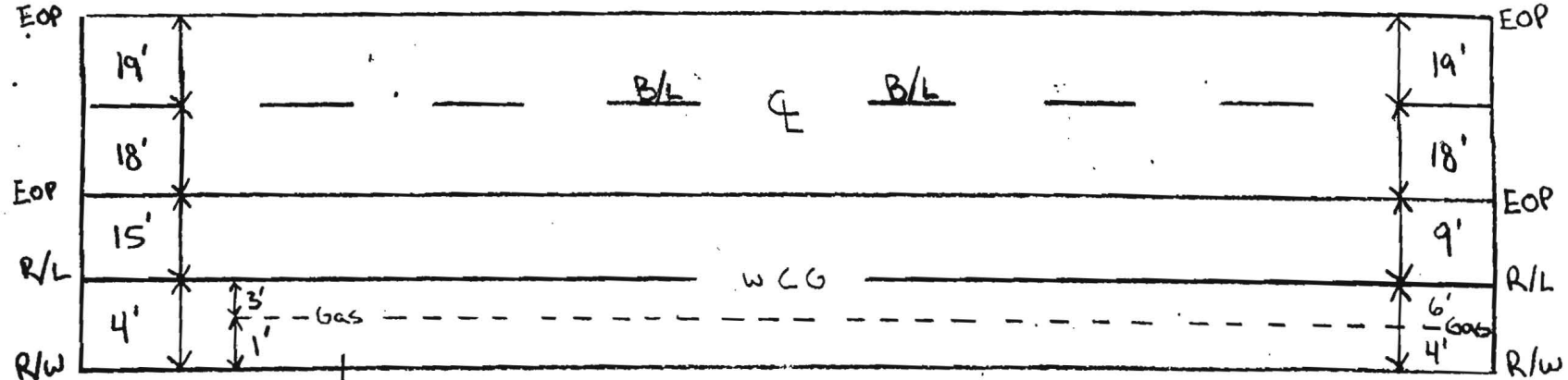
Page No. [illegible]
Drawing #: Sacs-251, 252

From: Point Arena

N

To: Sacramento

Adobe Rd.



1622+40 33'@ 48" Beg Bore

1622+45 Gas Ends

1623+00 33'@ 101" Bore

match line

1623+60 31'@ 124" Bore

1624+20 30'@ 100" Bore

1624+80 30'@ 79" Bore

1625+40 28'@ 63" Bore

1625+96 27'@ 48" End Bore

Notes: 2- 1 1/2 HDPE orange, Blue
1- 1 1/4 HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sincraugh

Williams

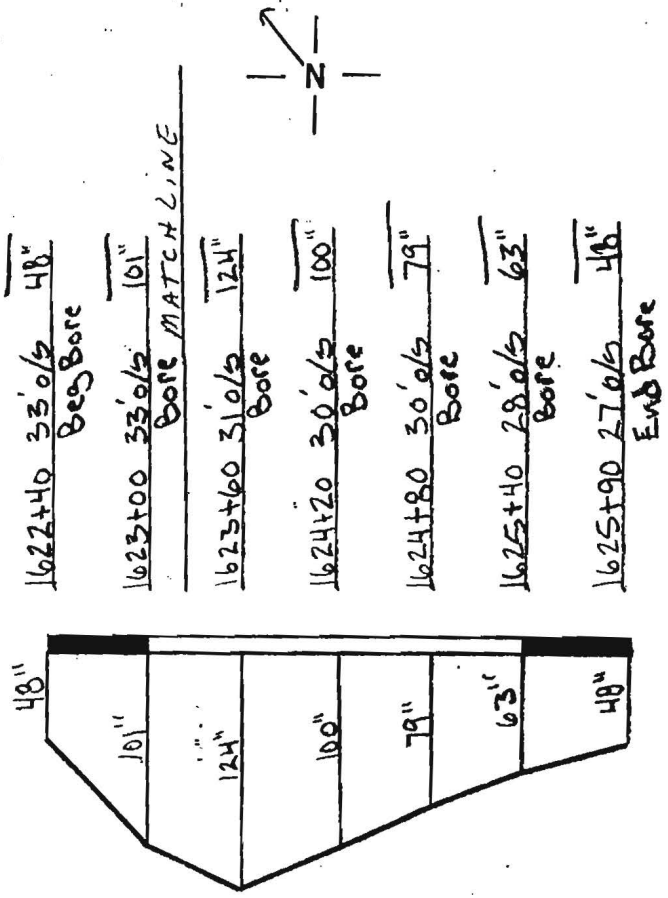
Williams Construction — As-Built Documentation

Spread Location: Santa Rosa
Spread No. 5-4B
AFE No. 4875
Contract No. 99P154.16

Page No. 2
Drawing #: Sacr-251, 252

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construction As-Built Documentation

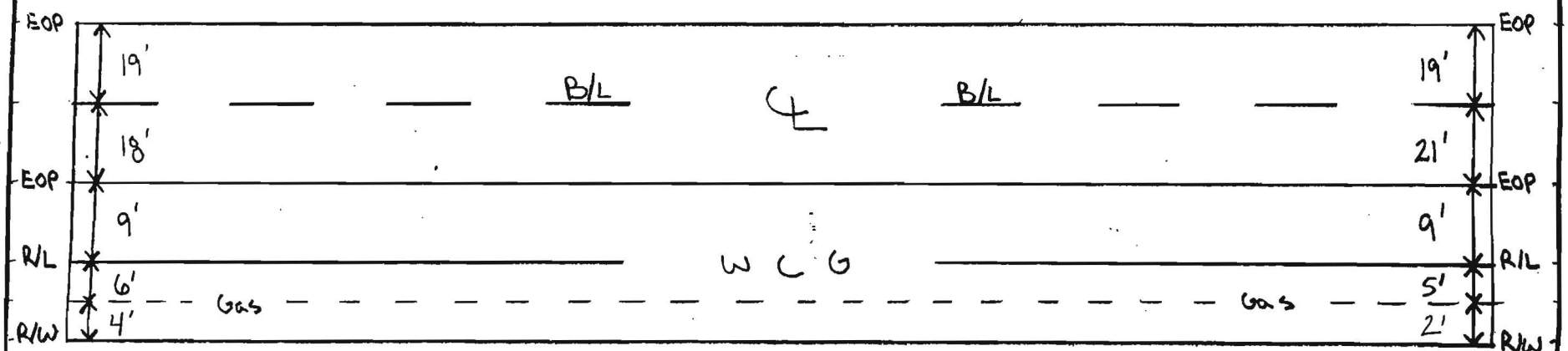
Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12/00
Page No. 1 of 2
Drawing #: Sacr-252-4

From: Point Arena

N

To: Sacramento



1625+95 27'o/s 48" Beg Bore

1626+10 27'o/s 62" Bore

1626+70 27'o/s 70" Bore

1627+30 27'o/s 86" Bore

1627+90 28'o/s 92" Bore

1628+50 29'o/s 107" Bore

1629+10 29'o/s 103" Bore

1629+70 29'o/s 99" Bore

1630+30 31'o/s 99" Bore

1630+90 30'o/s 63" Bore

1631+50 30'o/s 51" Bore

1631+75 30'o/s 48" End Bore

Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black		County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: Seb Sincraugh

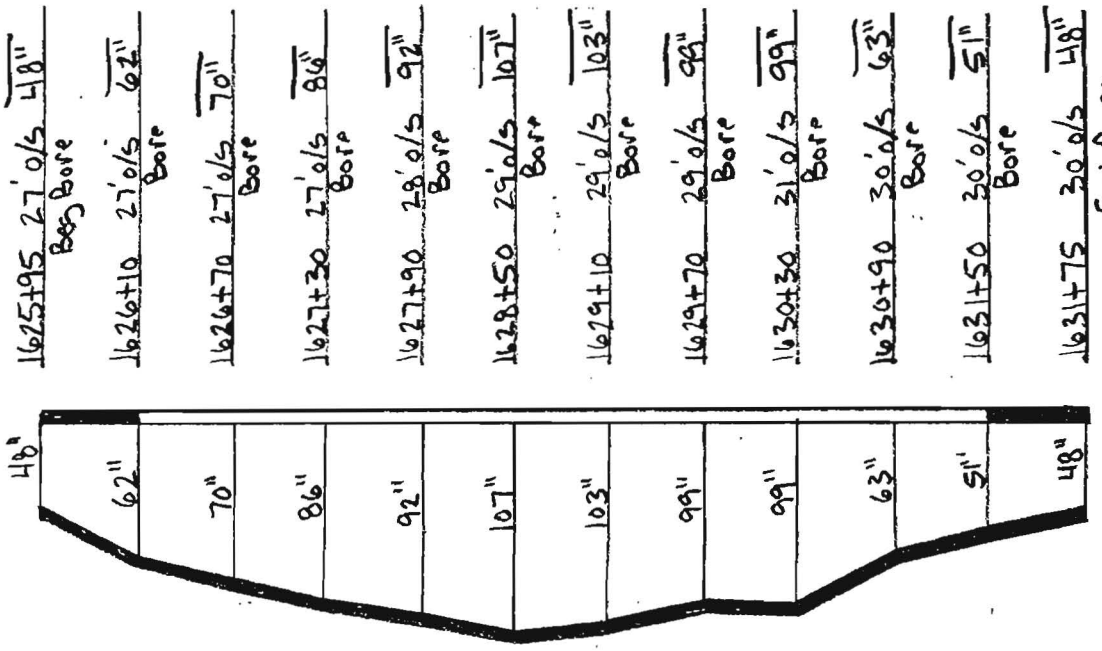
Williams

Williams Constr[illegible]n As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12[illegible]00
Page No. [illegible] 2
Drawing #: SacR-252-4

From: Point Arena ← N → To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Seb Sincraugh

Williams

Williams Constr[illegible] As-Built Documentation

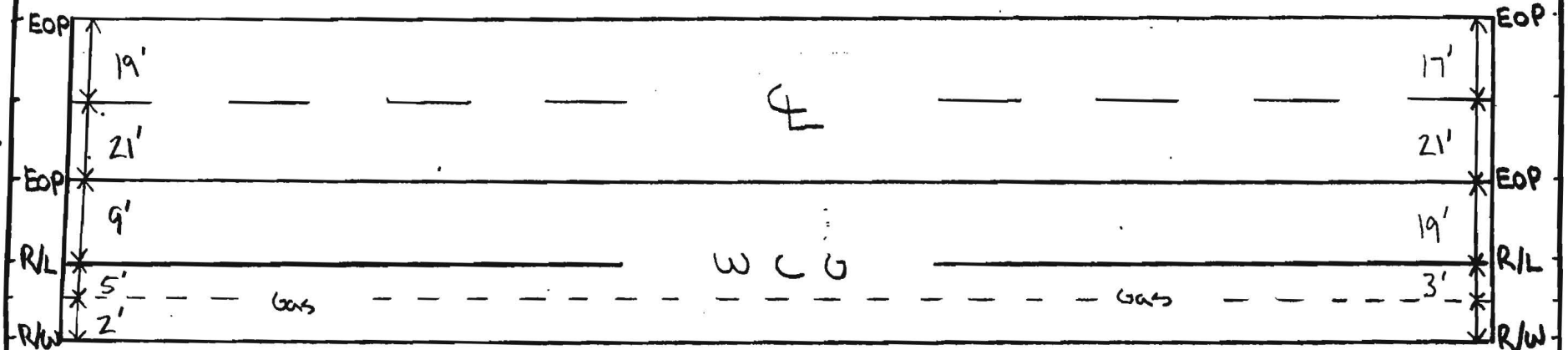
Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12[illegible]
Page No. 1
Drawing #: Sour-252, 253-4

From: Point Arena

N

To: Sacramento



1631+85 30'o/s 48" Beg Bore

1632+00 30'o/s 86" Bore

1632+60 32'o/s 126" Bore

1633+20 33'o/s 145" Bore

1633+80 36'o/s 136" Bore

1634+46 36'o/s 131" Bore

1635+00 38'o/s 130" Match Line/Bore

1635+60 37'o/s 140" Bore

1636+20 39'o/s 117" Bore

1636+80 40'o/s 83" Bore

1637+40 40'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jebs Ingraugh

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

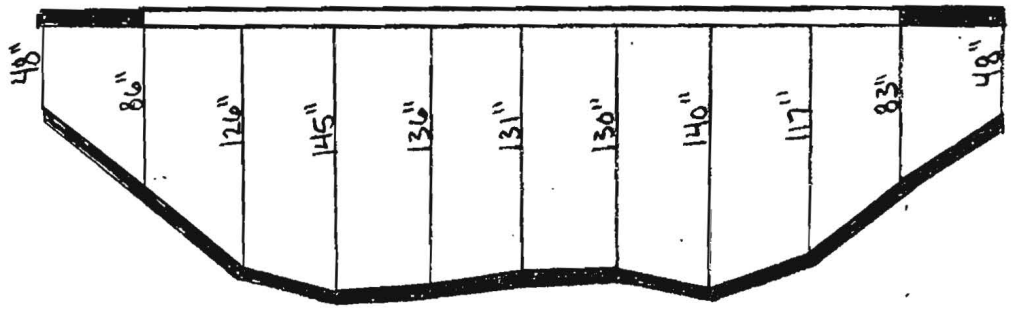
Date: 12-2
Page No. 2
Drawing #: Sour-252, 253-4

From: Point Arena

N

To: Sacramento

1631+85	1632+00	1632+60	1633+20	1633+80	1634+40	1635+00	1635+60	1636+20	1636+80	1637+46
30'o/s	30'o/s	32'o/s	33'o/s	36'o/s	36'o/s	38'o/s	37'o/s	29'o/s	40'o/s	40'o/s
48"	86"	126"	145"	136"	131"	130"	140"	117"	83"	48"
Begin Bore	Bore	Bore	Bore	Bore	Bore	Matchline / Bore	Bore	Bore	Bore	End Bore



Notes: 2-1½ HDPE Orange, Blue
1-¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sinclaugh

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1634+98 5' RT. UTIL. POLE
1635+21 58' LT. CULVERT
1635+29 67' LT. TELE POLE
~~1635+43 [illegible]~~
1635+49 64' LT. POLE
1635+52 3' LT. CULVERT
1635+61 C/L DRIVEWAY
1635+71 3' LT. CULVERT
1635+78 2' RT. UTIL. POLE

1636+02 2' RT. POLE
1636+18 62' LT. CULVERT
1636+59 61' LT. CULVERT

1637+50 SPLICE AH 40°05'48"
1637+58 3' RT. CULVERT
~~1637+63 [illegible]~~
1637+83 3' RT. C/L DRIVEWAY
1637+98 8' RT. CULVERT
1638+27 12' RT. UTIL. POLE

1639+78 MARKER POLE

1640+22 5' RT. C/L DRIVEWAY
1640+41 11' RT. POLE
1640+73 10' RT. UTIL. POLE
1640+76 7' RT. CULVERT
1640+76 80' LT. UTIL. POLE
1641+33 6' RT. C/L DRIVEWAY
1641+80 58' LT. CULVERT
1641+86 9' RT. CULVERT
1641+80 58' LT. CULVERT
1642+08 8' RT. CULVERT
1642+29 6' RT. C/L DRIVEWAY
1642+48 7' RT. CULVERT

1641+82 SPLICE AH 22°05'48"

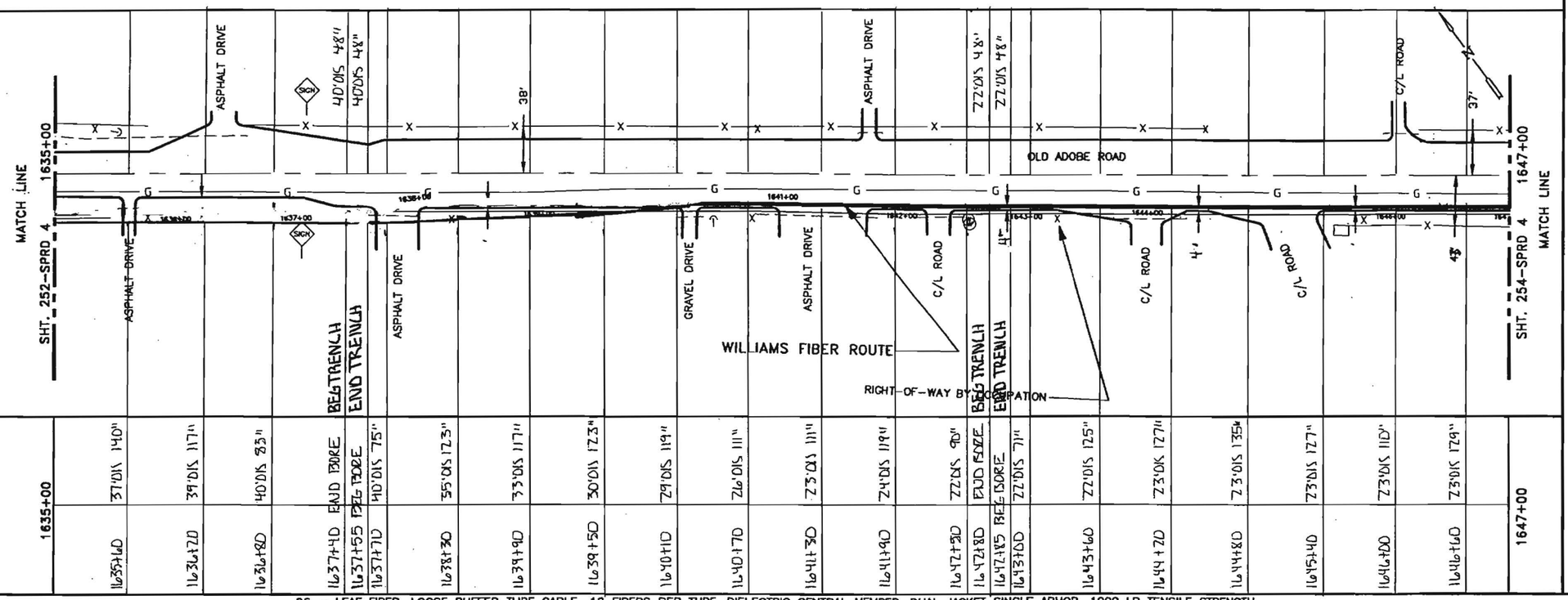
1643+24 10' RT. UTIL. POLE
1643+71 9' RT. CULVERT
1643+99 5' RT. C/L DRIVEWAY
1644+31 8' RT. CULVERT
1645+14 6' RT. C/L DRIVEWAY
1645+75 9' RT. POLE
1645+75 9' RT. UTIL. POLE
1645+92 59' LT. CULVERT
1646+22 59' LT. CULVERT
1646+25 52' LT. VALVE
1646+25 52' LT. WATER VALVE
1646+31 MARKER POLE

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



1635+00	37°01\ 140"	1635+60
	39°01\ 117"	1636+20
	40°01\ 83"	1636+80
	BEG BORE	1637+40
	END BORE	1637+55
	40°01\ 75"	1637+70
	55°01\ 123"	1638+30
	33°01\ 117"	1639+90
	30°01\ 123"	1639+50
	29°01\ 119"	1640+10
	26°01\ 111"	1640+70
	23°01\ 111"	1641+30
	24°01\ 119"	1641+90
	22°01\ 90"	1642+50
	BEG BORE	1642+18
	END BORE	1642+85
	22°01\ 71"	1643+00
	22°01\ 125"	1643+60
	23°01\ 127"	1644+20
	23°01\ 135"	1644+80
	23°01\ 127"	1645+40
	23°01\ 110"	1646+00
	23°01\ 129"	1646+60
1647+00		

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK 1-1.5" HDPE BLUE 1-1.5" HDPE ORANGE

1635+00 1635+34 34'	1635+34 1637+40 206'	1637+40 1637+55 15'	1637+55 1637+65 10'	1637+65 1642+80 515'	1642+80 1642+85 5'		1642+85 1647+00 415'
1.11 2-1.5" HDPE 1-1.25" HDPE J. SINCRAUGH 12.27.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE J SINCRAUGH 12.27.00 TIDWELL 1637+00 1647+00 1000' 3.21 PD BY JR SMITS 2.13.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.4.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.4.01 TIDWELL	1.11 € 3.21 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.4.01 TIDWELL 6GA TRACERWIRE J. SINCRAUGH 6.15.01 IN BLACK 1.25" HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.5.01 TIDWELL		1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.5.01 TIDWELL

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Act.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

WILLIAMS COMMUNICATIONS GROUP
Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-253-SPRD 4

Williams

Williams Construction As-Built Documentation

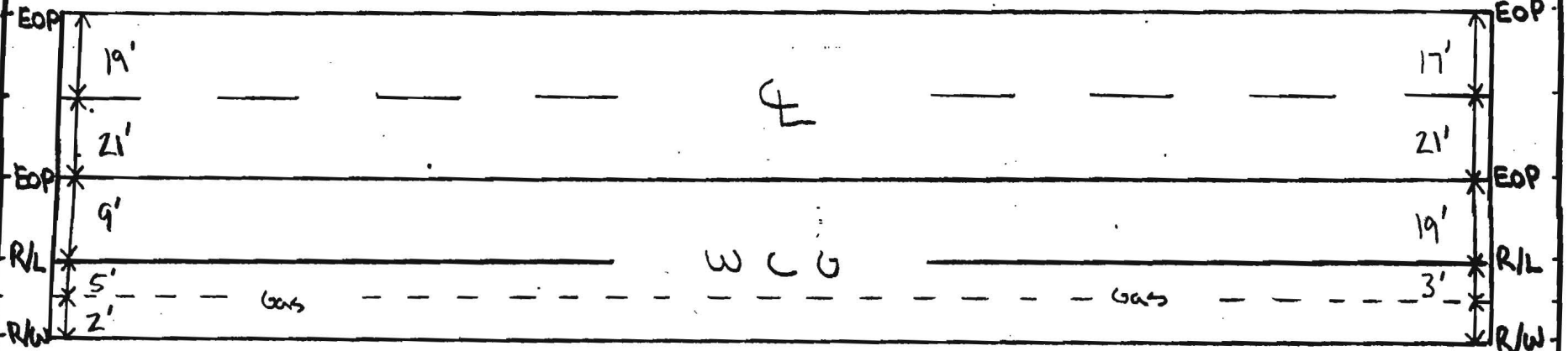
Spread Location: Santa Rosa
Spread No. SouthHB
AFE No. 4875
Contract No. 99P154.16

Page No. 1
Drawing #: Sour-252,253-4

From: Point Arena

N

To: Sacramento



1631+85 30'o/s 48" Beg Bore

1632+00 30'o/s 86" Bore

1632+60 32'o/s 126" Bore

1633+20 33'o/s 145" Bore

1633+80 36'o/s 136" Bore

1634+46 36'o/s 131" Bore

1635+00 38'o/s 130" matchline/Bore

1635+60 37'o/s 140" Bore

1636+20 39'o/s 117" Bore

1636+80 40'o/s 83" Bore

1637+40 40'o/s 48" End Bore

Notes: 2-1½ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sincraugh

Williams

Williams Construc[illegible]'s-Built Documentation

Spread Location: [illegible]ntaRosa
Spread No. SouthAB
AFE No. 4875
Contract No. 99P154.16

Date: 12-[illegible]-0
Page No. 2
Drawing #:
Sous-252, 253-4

From: Point Arena

N

To: Sacramento

1631+85 30'o/s 48" Bes Bore

1632+00 30'o/s 86" Bore

1632+60 32'o/s 126" Bore

1633+20 33'o/s 145" Bore

1633+80 36'o/s 136" Bore

1634+40 36'o/s 131" Bore

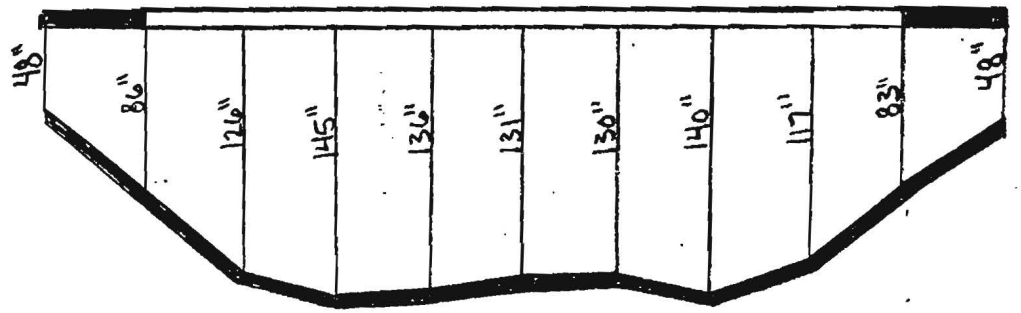
1635+00 38'o/s 130" matchline/Bore

1635+60 37'o/s 140" Bore

1636+20 29'o/s 117" Bore

1636+80 40'o/s 83" Bore

1637+46 40'o/s 48" End Bore



Notes: 2 - 1½ HDPE Orange, Blue
1 - ¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Seb Sinnaeve

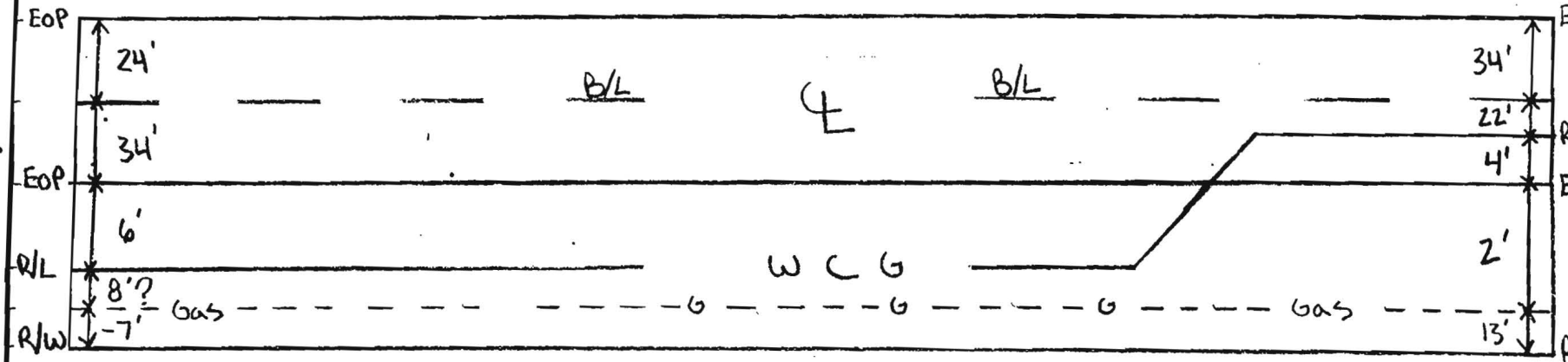
Williams Construct[illegible]-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-4-[illegible]
Page No. 1 of
Drawing #: Sacr-253-4

From: Point Arena

To: Sacramento



1637+55	40'o/s	48"	1637+70	40'o/s	75"	1638+30	35'o/s	123"	1638+90	33'o/s	117"
Beg Bore			Bore			Bore			Bore		
1639+50	30'o/s	123"	1640+10	29'o/s	119"	1640+70	26'o/s	111"	1641+30	23'o/s	111"
Bore			Bore			Bore			Bore		
1641+90	24'o/s	114"	1642+50	22'o/s	96"	1642+80	22'o/s	48"			
Bore			Bore			End Bore					

Notes: 2-1½ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sinclair

Williams Constr[illegible]n As-Built Documentation

Spread Locatio[illegible] Santa Rosa

Spread No.

AFE No. 4875

Contract No. 99P154.16

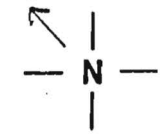
Date: 1-[illegible]1

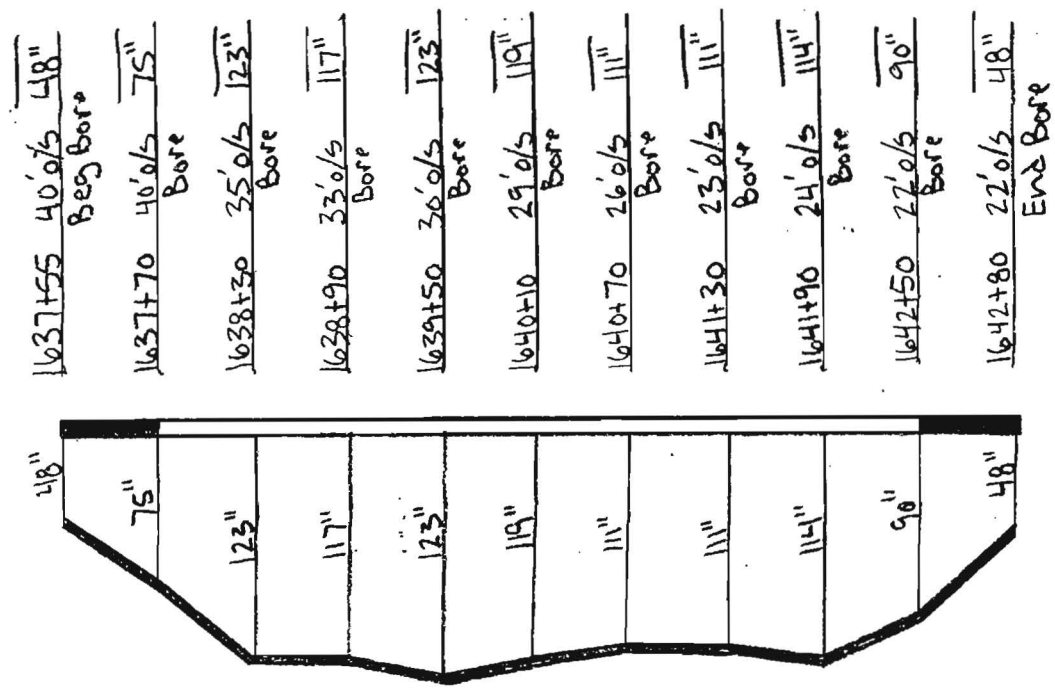
Page No. 2 [illegible]2

Drawing #: Sacr-253-4

From: Point Arena

To: Sacramento





Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: Jeb Sincrawgh

Spread/Site Number: South4B

Day: Mo Tu We Th (Fr) Sa Su Date: 1-5-01

Contract No: 99P154.16

Hours Worked: 12

Weather: Clear Temp: 60

Contractor: Tidwell

Contractor Equipment on Site (Quality & Type): 12 Bore Rigs, 12 Mud trucks, 12 vac trucks, 3 Reel trucks, 4 Back hoes 2 water trucks 1 Dump truck.

NO:	ITEM DESCRIPTION	PAY. CAT. U.P.	PAY. CAT. T&M	CONTRACT ITEM NO.	ALIGN. SHT. NO.	STATION NO. FROM	STATION NO. TO	UNIT QTY.
1	Install HDPE (MGE)	X		1.11 ✓	Sacr-240, 241-4	1490+20	1493+80	360'
2	Install HDPE (MGE)	X		1.11 ✓	Sacr-241, 242-4	1497+25	1504+00	675'
3	Install HDPE (Slick Bore)	X		3.21 ✓	Sacr-241, 242-4	1497+25	1500+00	275'
4	Install HDPE (MGE)	X		1.11	Sacr-235, 236-4	1428+30	1431+05	275'
5	Install HDPE (Tidwell)	X		1.11	Sacr-253, 254-4	1642+85	1648+55	570'
6	Install HDPE (Tidwell)	X		1.11	Sacr-223, 224-4	1286+55	1289+85	330'

NOTE: IF ITEM IS AN ADDER, EXPLAIN IN COMMENTS

COMMENTS: (C/L AND WIDTH OF OBSTACLE, WHY WAS ADDER REQUIRED, NAME AND DEPTH OF OBSTACLE, ETC.)

Item	Name of Obstacle	Width	C/L Station	Depth of Foreign Utility	Reason for Adder Installation

REMARKS:

This report is for informational purposes only and is not to be used for purposes of determining payment under the applicable contract. This report does not serve to amend or supersede the terms of the contract between the parties.

Distribution: White - Client Spread Supervisor Yellow - Contractor Pink - Inspector

Form 2-A304 10/2 REV 10/98

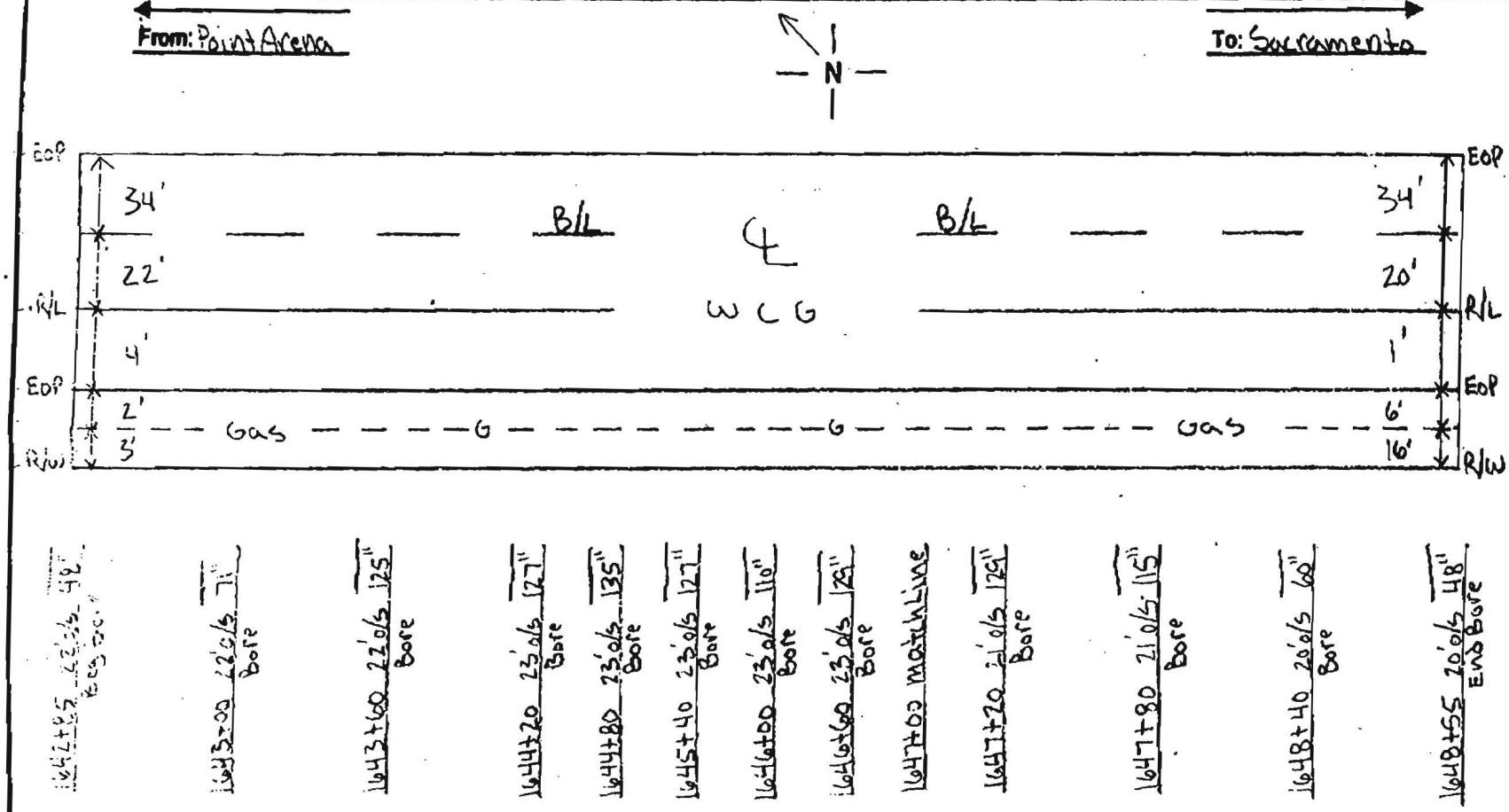
Williams

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-5-01
Page No. 1 of 2
Drawing #: Sacr-253,254.4

From: Point Arena
To: Sacramento



Notes:	County:	Contractor:
2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

FROM : Ken Pothier FAX NO. : 206 367 8489 Oct. 16 2001 05:53PM P8

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No.
AFE No. 4875
Contract No. 99P154116

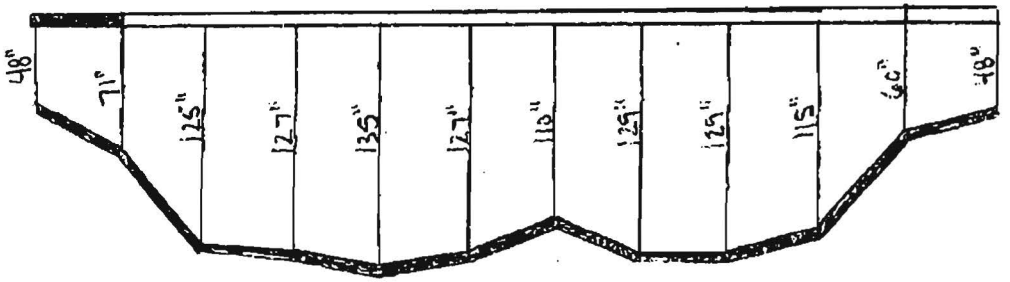
Date: 1-5-01
Page No. 2 of 2
Drawing #: Sacr-253, 254-4

From: Point Arena

To: Sacramento



1641+85	22'o/s	48"	Beg Bore
1643+00	22'o/s	71"	Bore
1643+60	22'o/s	125"	Bore
1644+20	23'o/s	127"	Bore
1644+80	23'o/s	135"	Bore
1645+40	23'o/s	127"	Bore
1646+06	23'o/s	110"	Bore
1646+60	23'o/s	129"	Bore
1647+20	21'o/s	129"	Bore
1647+80	21'o/s	115"	Bore
1648+40	20'o/s	60"	Bore
1648+55	20'o/s	48"	End Bore



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black		County: Sonoma	Contractor: Fidwell
		Duct Configuration:	Inspector: Jeb Sincraugh

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

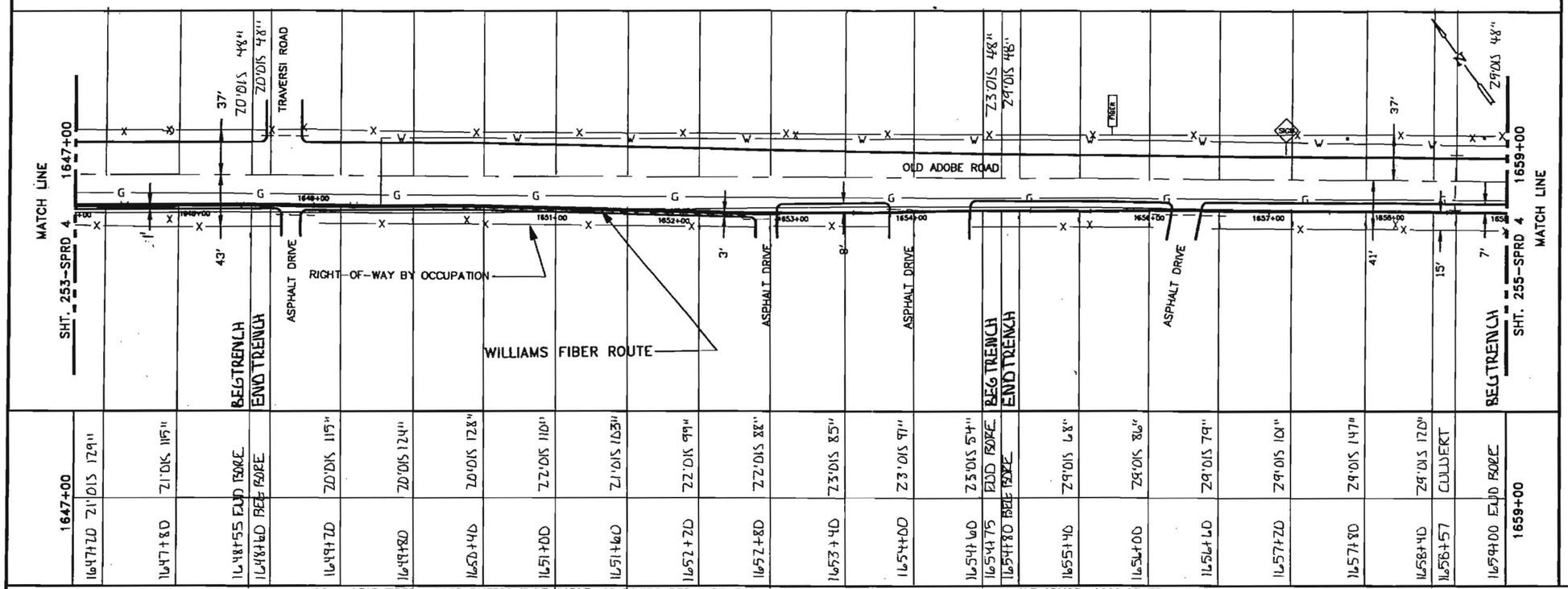
1647+77 11' RT. UTIL POLE
1648+53 56' LT. CULVERT
1648+67 6' RT. CULVERT
1648+80 5' RT. C/L DRIVEWAY
1648+92 57' LT. CULVERT
1648+98 7' RT. CULVERT
1650+27 10' RT. POWER POLE
1652+59 4' RT. CULVERT
1652+67 10' RT. FENCE CORNER
1652+77 4' LT. C/L DRIVEWAY
1652+82 10' RT. FENCE CORNER
1652+85 7' RT. POWER POLE
1653+00 10' RT. FENCE CORNER
1653+78 2' LT. CULVERT
1653+79 11' RT. FENCE CORNER
1654+15 3' LT. C/L DRIVEWAY
1654+50 12' RT. FENCE CORNER
1654+51 CULVERT
1655+48 10' RT. POWER POLE
1656+01 1' RT. CULVERT
1656+02 11' RT. FENCE CORNER
1656+31 2' LT. C/L DRIVEWAY
1656+53 13' RT. FENCE CORNER
1656+64 2' RT. CULVERT
1657+62 60' LT. WATER VALVE
1657+72 62' LT. FENCE CORNER
1658+04 9' RT. POWER POLE
1658+50 1' LT. HEADWALL
1658+52 47' LT. HEADWALL
1658+56 CULVERT
1658+57 1' LT. HEADWALL

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



1647+00	1647+80	1648+55	1648+60	1649+70	1649+80	1651+00	1651+60	1652+70	1652+80	1653+40	1654+00	1654+40	1654+75	1654+80	1655+40	1656+00	1656+40	1657+20	1657+80	1658+40	1658+57	1659+00	1659+00
21'DIS 129"	21'DIS 115"	BEG TRENCH	END TRENCH	20'DIS 115"	20'DIS 124"	20'DIS 128"	22'DIS 110"	21'DIS 103"	22'DIS 99"	22'DIS 88"	23'DIS 85"	23'DIS 91"	25'DIS 54"	BND FORE	29'DIS 68"	29'DIS 86"	29'DIS 79"	29'DIS 101"	29'DIS 147"	29'DIS 120"	CULVERT	1659+00 EJD FORE	1659+00
1647+80	1648+55 EJD FORE	1648+60 BEG FORE		1649+70	1649+80	1650+40	1651+00	1651+60	1652+70	1652+80	1653+40	1654+00	1654+40	1654+75 BEG FORE	1654+80 END FORE	1655+40	1656+00	1656+40	1657+20	1657+80	1658+40	1658+57		

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH
REEL # N/A
N/A
1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)
1-1.25" HDPE BLACK - 1-1.5" HDPE BLUE 1-1.5" HDPE ORANGE

1647+00	1648+55		1648+60	1654+75		1654+80	1659+00	
1647+00	1648+60		1654+75	1654+80		1659+00	1659+15	
155'	5'		615'	5'		478'	15'	
1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.5.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.9.01 TIDWELL		1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.9.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.9.01 TIDWELL	6GA TRACER WIRE J. SINCRAUGH 6.15.01 IN BLACK 1.25" HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.29.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1.9.01 TIDWELL	
1647+00 1653+00 600' 3.21 PD BY JR SMITS 2.15.00								

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- OR Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Act.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- OR Marker
- Fiber Marker
- Water Inlet

WILLIAMS
EMERGENCY NOTIFICATION NUMBER
1-800-582-9069

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION
- CABLE FIBER COUNT MFR. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
- INNERDUCT & TYPE (CORR/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE UNIT PLACE
- FUTURE-2
- FUTURE-3
- FUTURE-4

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : S&V	DATE : 03/10/00
CHECKED BY : S&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-254-SPRD 4

Williams Construc... As-Built Documentation

Spread Location: ...nta Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-...
Page No.
Drawing #: Sour-254-4

From: Point Arenas

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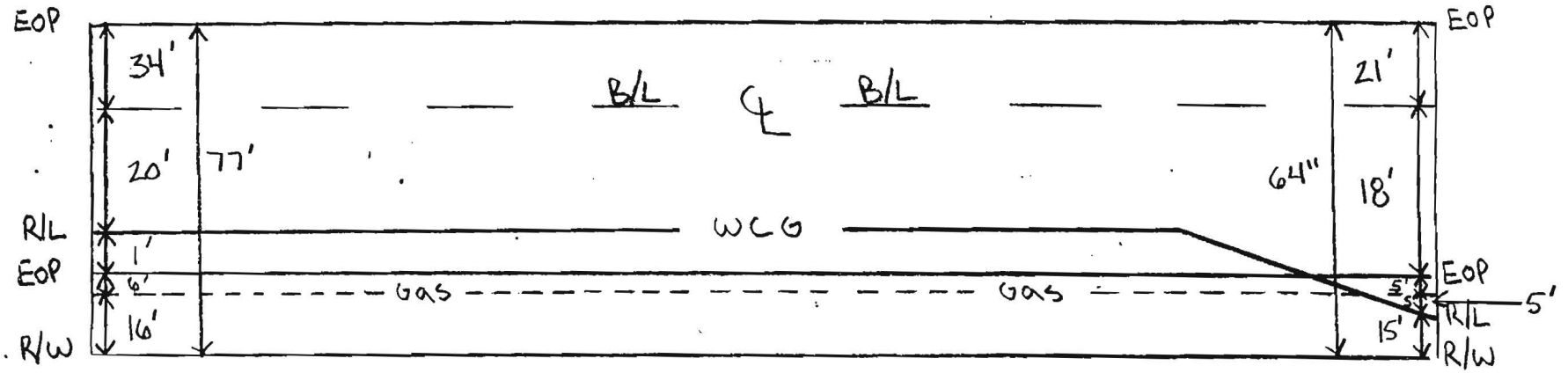
To: Sacramento



1648+60 20'o/s 48" Beg Bore
1649+20 20'o/s 115" Bore
1649+80 20'o/s 124" Bore
1650+40 26'o/s 128" Bore
1651+00 22'o/s 110" Bore
1651+60 21'o/s 103" Bore
1652+20 22'o/s 99" Bore
1652+80 22'o/s 88" Bore
1653+40 23'o/s 85" Bore
1654+00 23'o/s 91" Bore
1654+60 25'o/s 54" Bore
1654+75 23'o/s 48" End Bore

Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black		County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: Seb Sincraugh

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

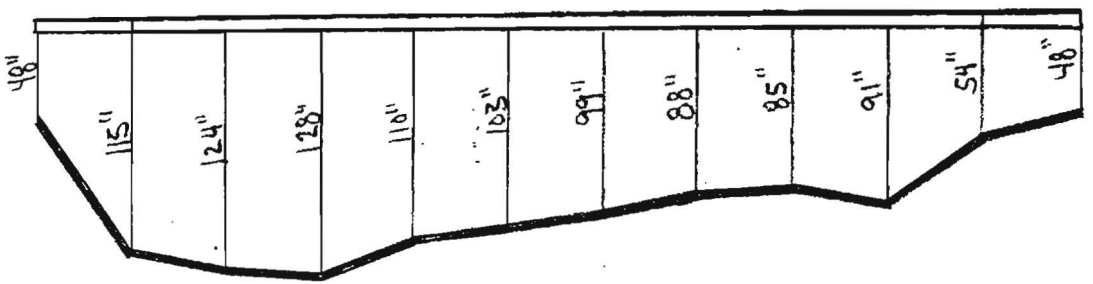
Date: 1[illegible]01
Page No. [illegible]
Drawing #: Sonr-254-4

From: Point Arena

N

To: Sacramento

1648+60	20'o/s	48"	1649+20	20'o/s	115"	1649+80	20'o/s	124"	1650+40	20'o/s	128"	
Bus Bore			Bore			Bore			Bore			
1651+00	22'o/s	110"	1651+60	21'o/s	103"	1652+20	22'o/s	99"	1652+80	22'o/s	88"	
Bore			Bore			Bore			Bore			
1653+40	23'o/s	85"	1654+00	23'o/s	91"	1654+60	23'o/s	54"	1654+75	23'o/s	48"	
Bore			Bore			Bore			End Bore			



Notes: 2-1¼ HDPE Orange, Blue 1-¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construction As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

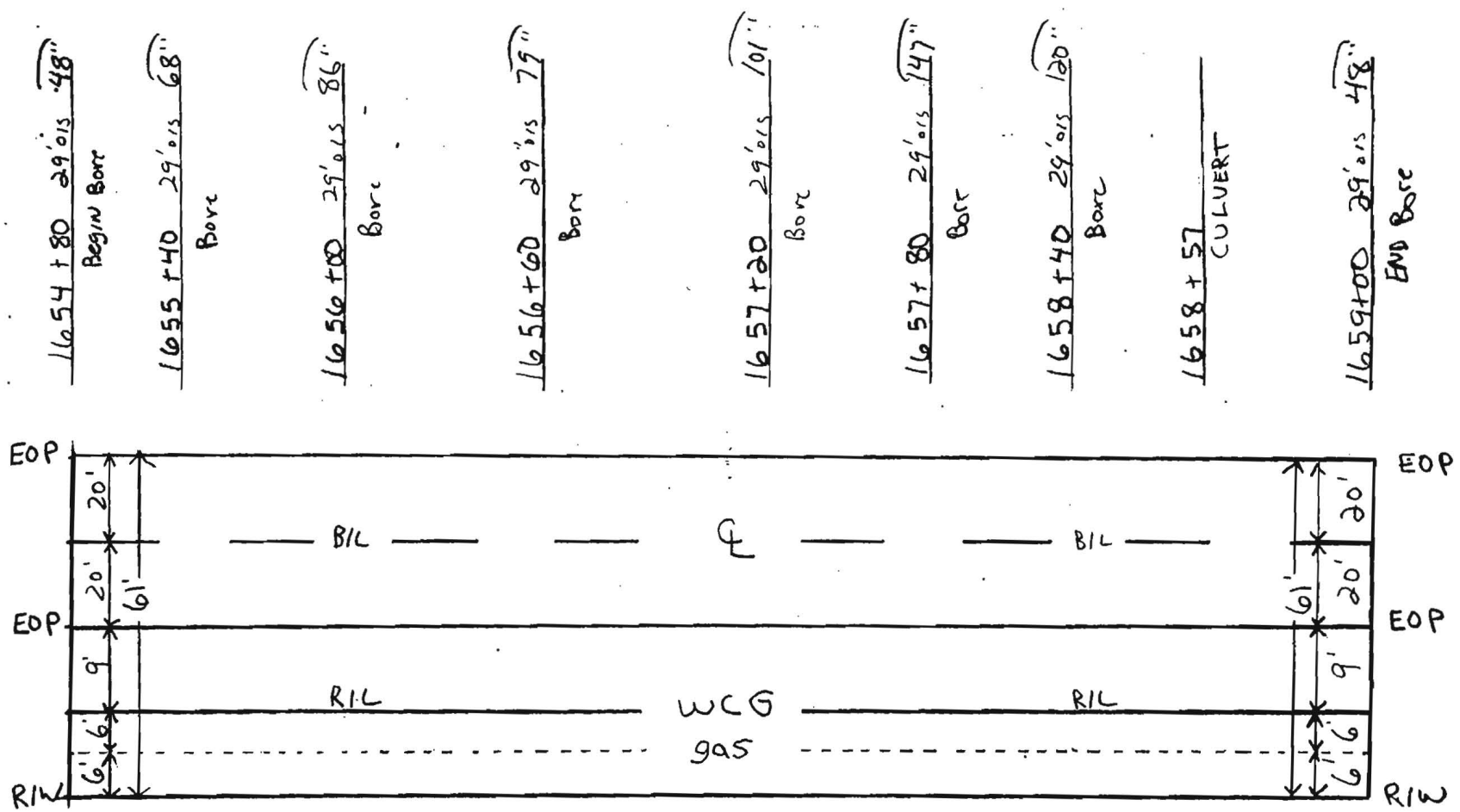
Date: 12-[illegible]00

Page No.

Drawing #: SACR-254-4

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams

Williams Construc[illegible] As-Built Documentation

Spread Location: _____

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Page No. 2

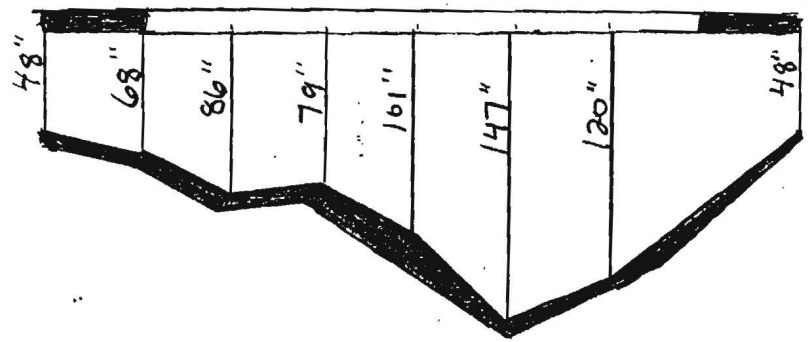
Drawing #: SACR 254

From: POINT ARENA

To: SACRAMENTO

N

16544+80	29'0"S Begin Bore
16555+40	29'0"S Bore
16566+00	29'0"S Bore
16576+60	29'0"S Bore
16587+20	29'0"S Bore
16597+80	29'0"S Bore
16608+40	29'0"S Bore
16618+57	Culvert
16619+00	29'0"S END Bore



Notes:

2 1½ HDPE Orange, Blue

1 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: T. dwell

Inspector: JR SMHS

OWNERSHIP

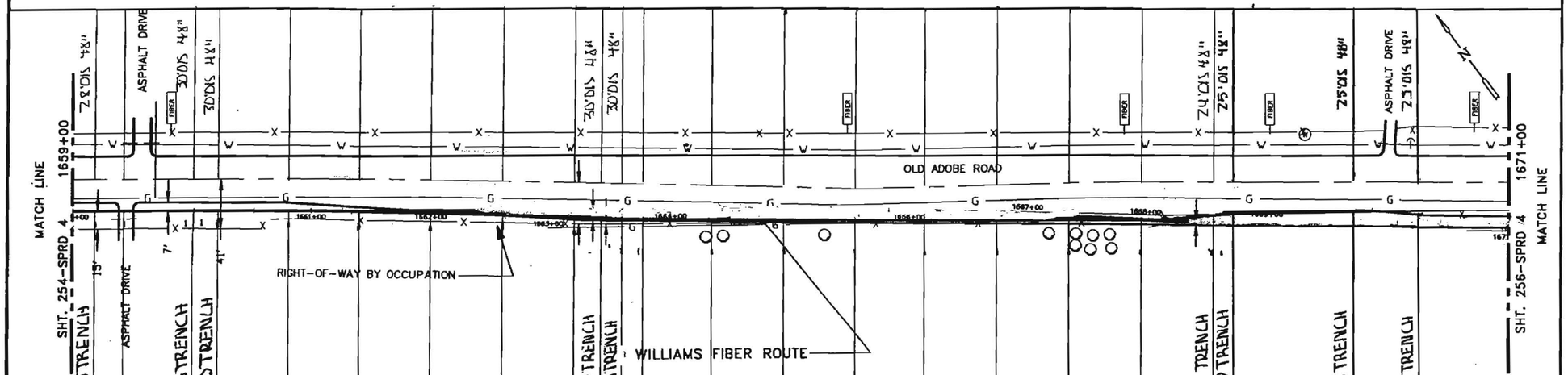
COUNTY OF SONOMA

FIBER STATIONING

1659+10 SPLICE PIT 18'0/S 48"
1659+31 6' RT. CULVERT
1659+37 14' RT. FENCE CORNER
1659+40 55' LT. CULVERT
1659+44 C/L DRIVEWAY
1659+49 15' RT. FENCE CORNER
1659+52 5' RT. CULVERT
1659+69 54' LT. CULVERT
1660+56 11' RT. POWER POLE
1660+63 5' RT. CULVERT
1660+82 5' RT. CULVERT
1661+67 MARKER POLE
1661+83 BROKEN STEEL
1662+74 63' LT. FENCE CORNER
1663+14 3' RT. POWER POLE
1663+53 SPLICE PIT 20'0/S 48"
1664+12 52' LT. WATER VALVE
1665+53 1' RT. POWER POLE
1667+98 1' RT. FENCE CORNER
1668+00 5' RT. CULVERT
1668+11 1' LT. POWER POLE
1668+11 2' RT. CULVERT
1668+67 SPLICE PIT 14'0/S 48"
1668+87 MARKER POLE
1669+28 71' LT. WATER VALVE
1669+75 SPLICE PIT 25'0/S 48"
1669+85 65' LT. CULVERT
1669+90 75' LT. FENCE CORNER
1670+08 64' LT. CULVERT
1670+16 66' LT. POWER POLE
1670+18 76' LT. POWER POLE
1670+18 78' LT. FENCE CORNER
1670+61 8' LT. POWER POLE

ROAD STATIONING

POINT ARENA ← SONOMA COUNTY CALIFORNIA → SACRAMENTO



| | | |

Williams

Williams Construc... As-Built Documentation...

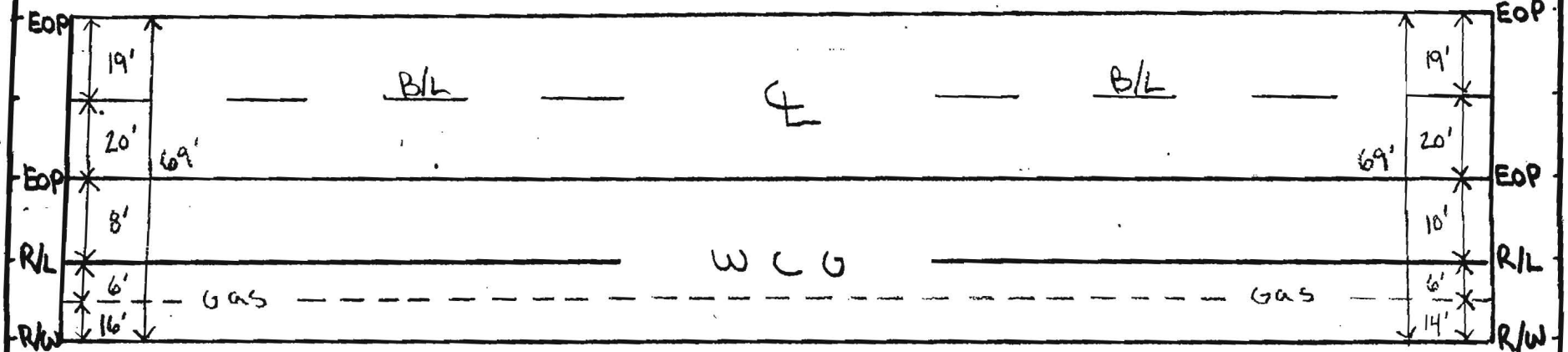
Spread Location: nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Page No. 1 of ...
Drawing #: Sauf-250-4

From: Point Arena

N

To: Sacramento



1659+15 28'0/s 48" Beg Bore

1659+30 30'0/s 69" Bore

1659+90 30'0/s 54" Bore

1659+95 30'0/s 48" End Bore

Notes: 2 - 1/2 HDPE Orange, Blue
1 - 1 1/4 HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

Williams

Williams Construc As-Built Documentation

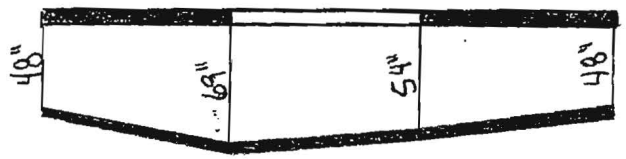
Spread Location: anta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-1
Page No. 2
Drawing #:

From: Point Arena — To: Sacramento

N

1659+15	1659+30	1659+90	1659+95
28'o/s	30'o/s	30'o/s	30'o/s
48"	69"	54"	48"
Beg Bore	Bore	Bore	End Bore



Notes: 2- 1½ HDPE Orange, Blue 1- 1¼ HDPE Black		County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: Jeb Sincraugh

Williams

Williams Construction — As-Built Documentation

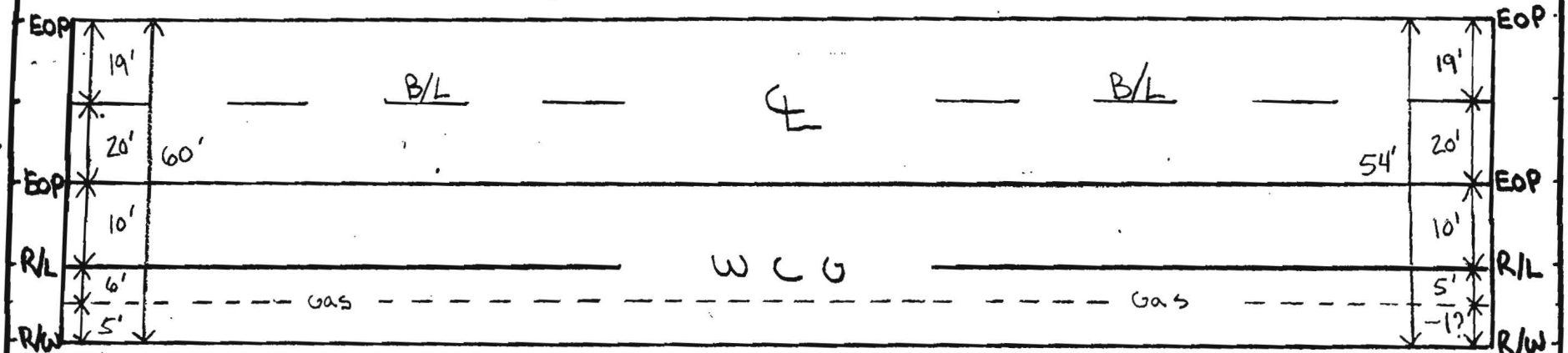
Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Page No. 1
Drawing #: SacS-255-4

From: Point Arena

N

To: Sacramento



16600+20 30'o/s 48" Beg Bore

16600+80 30'o/s 51" Bore

16611+40 31'o/s 58" Bore

16621+00 30'o/s 59" Bore

16621+60 30'o/s 62" Bore

16631+20 31'o/s 58" Bore

16631+50 30'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jebsimcraugh

Williams

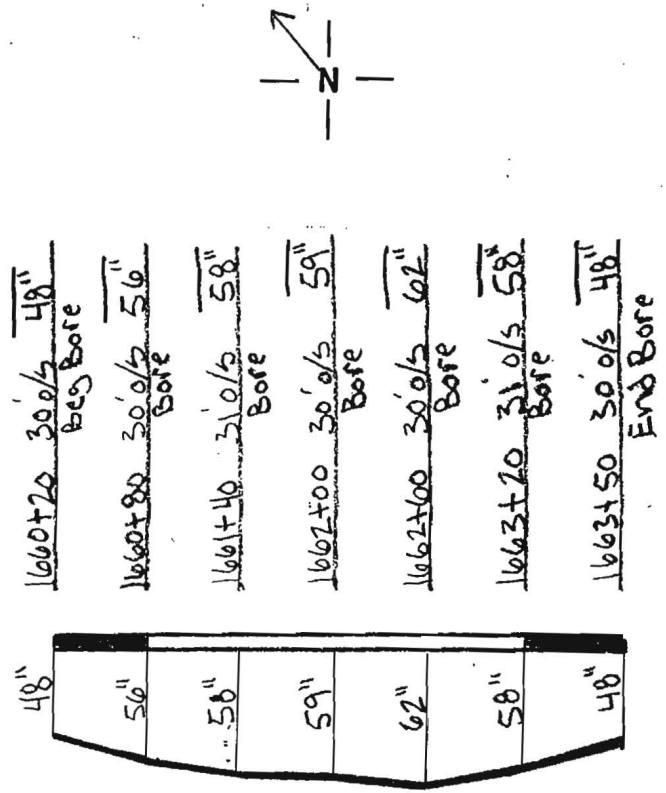
Williams Construc[illegible] As-Built Documentation

Spread Location: anta Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-16[illegible]
Page No. 2[illegible]
Drawing #: Sacr-255-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams

Williams Construction As-Built Documentation

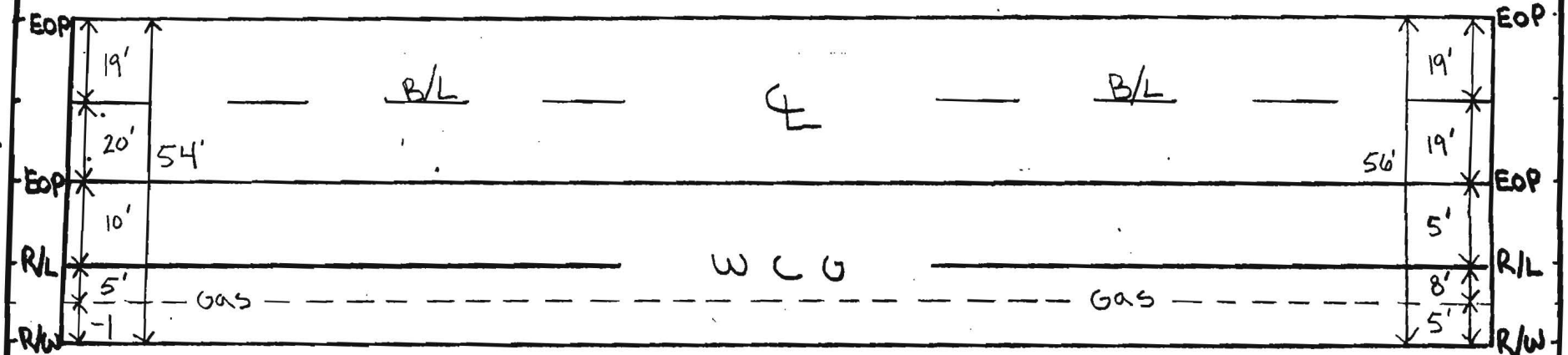
Spread Location: nta Rosa
Spread No. SouthHB
AFE No. 4875
Contract No. 99P154.16

Page No. 1
Drawing #: SacS-255-H

From: Point Arena

N

To: Sacramento



1663+55 30'o/s 48" Beg Bore

1663+70 30'o/s 78" Bore

1664+30 29'o/s 119" Bore

1664+90 29'o/s 120" Bore

1665+50 27'o/s 90" Bore

1666+10 27'o/s 105" Bore

1666+70 25'o/s 105" Bore

1667+30 24'o/s 122" Bore

1667+90 27'o/s 89" Bore

1668+50 25'o/s 64" Bore

1668+65 24'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sincraugh

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

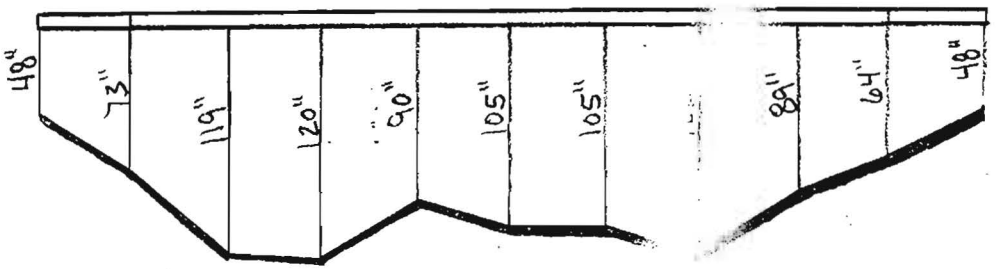
Date: [redacted]-01
Page No. 2
Drawing #: Sars-255-4

From: Point Arena

N

To: Sacramento

1663+55	30'o/s	48"	Beg Bore
1663+70	30'o/s	73"	Bore
1664+30	29'o/s	119"	Bore
1664+90	29'o/s	120"	Bore
1665+50	27'o/s	90"	Bore
1666+10	27'o/s	105"	Bore
1666+70	25'o/s	105"	Bore
1667+30	26'o/s	122"	Bore
1667+[illegible]	27'o/s	89"	Bore
1668+50	25'o/s	64"	Bore
1668+65	24'o/s	48"	End Bore



Notes:
- 1 1/4 HDPE Orange, Blue
- 1 1/4 HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1668+70	25'	48"		BEG PLOW
1669+70	25'	48"		END PLOW
1670+25	25	48"		BEGIN PLOW
MATCHLINE				

DATE: 12-20-00
COUNTY: SONOMA
ALIGN. SHT. #

CONTRACTOR: TIDWELL
INSPECTOR: JR SMITS
PROJECT: 46

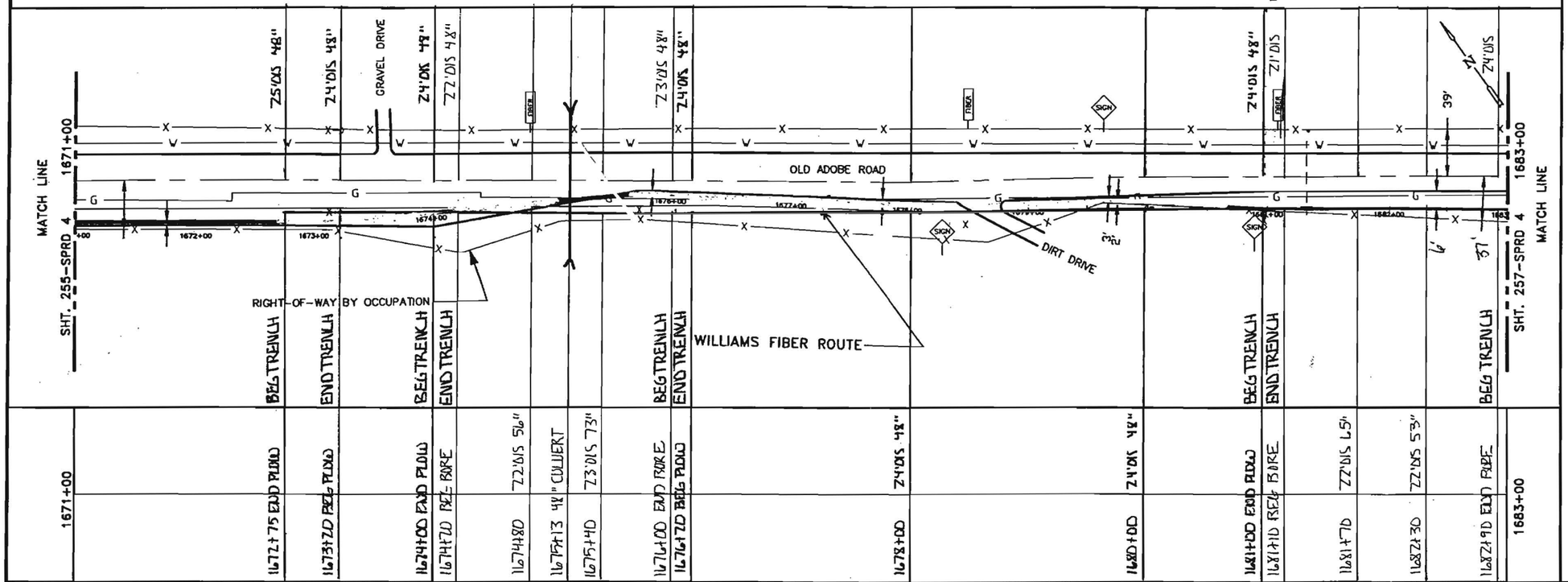
OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

1672+95 SPLICE MH 25'0/S 48"
1673+13 9' LT. POWER POLE
1673+21 75' LT. FENCE CORNER
1673+28 74' LT. POLE
1674+11 SPLICE MH 22'0/S 48"
1674+21 34' RT. FENCE CORNER
1674+54 63' LT. FENCE CORNER
1675+06 16' RT. FENCE CORNER
1675+28 45' LT. CULVERT
1675+60 8' RT. CULVERT
1675+69 24' RT. CULVERT
1675+72 11' RT. POWER POLE
~~1676+10 END STEEL~~
1676+10 SPLICE MH 13'0/S 48"
~~1678+03 GAS LINE~~
1678+64 30' RT. FENCE CORNER
1678+67 4' RT. C/L DRIVEWAY
1679+63 3' LT. FENCE CORNER
1680+67 FENCE
1681+05 SPLICE MH 22'0/S 48"
1680+99 4' RT. POWER POLE
~~1681+20 DRAIN PIPE~~
1681+31 CULVERT
~~1681+36 END 24"~~
1681+87 7' LT. CULVERT
1681+97 CULVERT
1682+90 SPLICE MH 24'0/S 48"

ROAD STATIONING

← POINT ARENA | SONOMA COUNTY CALIFORNIA | SACRAMENTO →



96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" BLACK HDPE, 1-1.5" BLUE HDPE, 1-1.5" ORANGE HDPE

1671+00	1672+75	1673+20	1674+00	1674+20	1675+63	1675+73	1676+00		1678+20	1681+00	1681+10	1682+90
1672+75	1673+20	1674+00	1674+20	1675+03	1675+73	1676+00	1676+20		1681+00	1681+10	1682+90	1683+00
175'	55'	80'	20'	83'	70'	77'	20'		480'	10'	180'	10'
1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11		1.11	1.11	1.11	1.11
2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE		2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE
1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE		1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE
JR SMITS	JR SMITS	JR SMITS	JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH		JR SMITS	J SINCRAUGH	J SINCRAUGH	J SINCRAUGH
12.20.00	12.20.00	12.20.00	2-7-01	2.7.01	2.7.01	2.7.01	2.2.01		12.20.00	1.31.01	1.31.01	1.31.01
TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL		TIDWELL	TIDWELL	TIDWELL	TIDWELL
						6GA TRACERWIRE						
						J. SINCRAUGH IN BLACK 1.25" HDPE						

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Act.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION
- CABLE FIBER COUNT MFG. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
- INNERDUCT & TYPE (CORR/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE UNIT PLACE
- FUTURE-2
- FUTURE-3
- FUTURE-4

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-256-SPRD 4

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
MATCHLINE				
1672+75	25'	48"		END PLOW South SIDE
1672+20	24'	48"		BEGIN PLOW
1674+00	24	48"		END PLOW
1676+20	24	48		BEGIN PLOW
1678+00	24'	48"		
1680+00	24'	48"		
1681+00	24'	48"		END PLOW

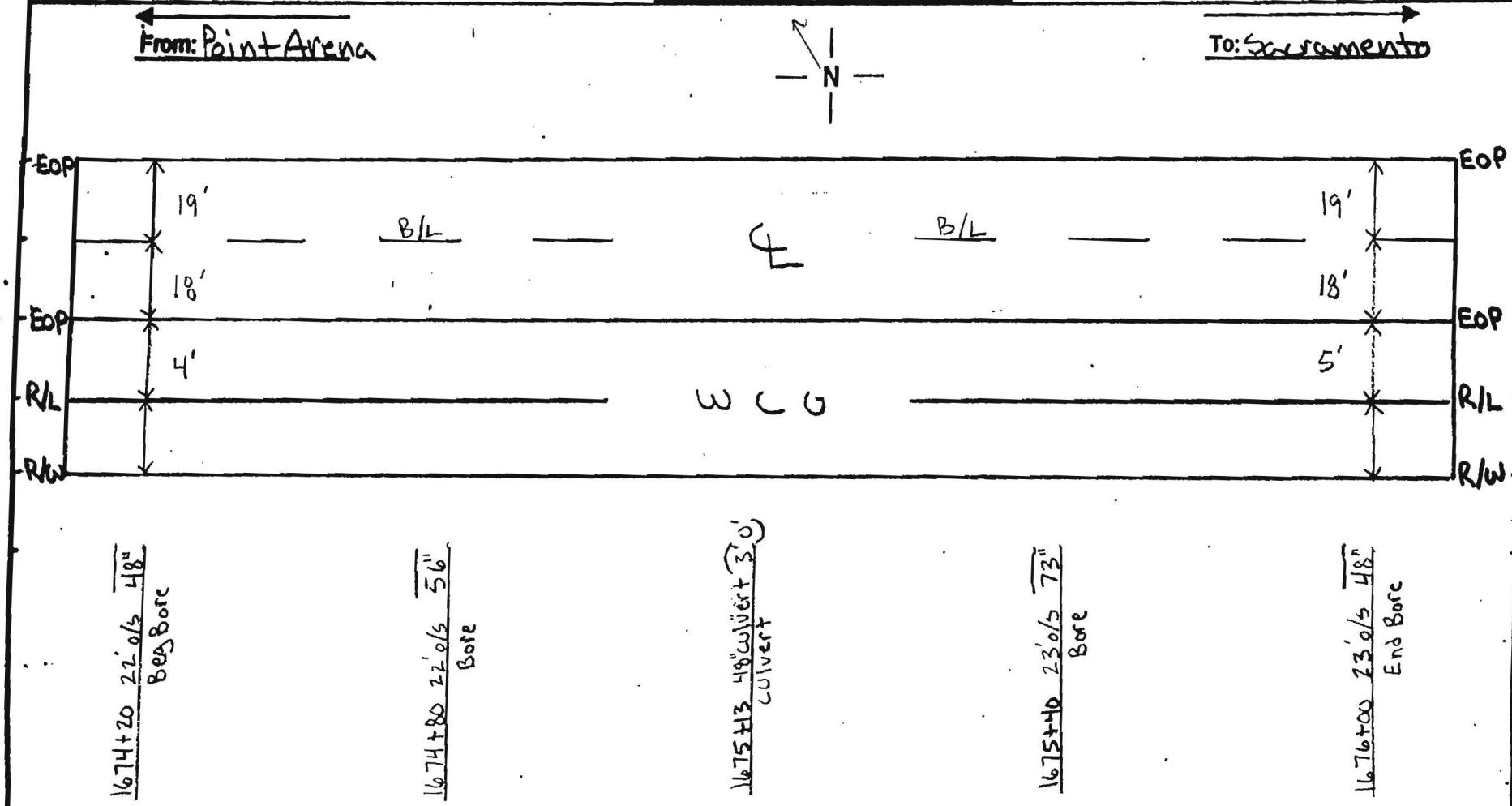
DATE:	12-20-00	CONTRACTOR:	TIDWELL
COUNTY:	SONOMA	INSPECTOR:	JR SMITS
ALIGN. SHT. #		PROJECT:	

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Page No. 1
Drawing #: Sacr-256-4

From: Point Arena
To: Sacramento



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams

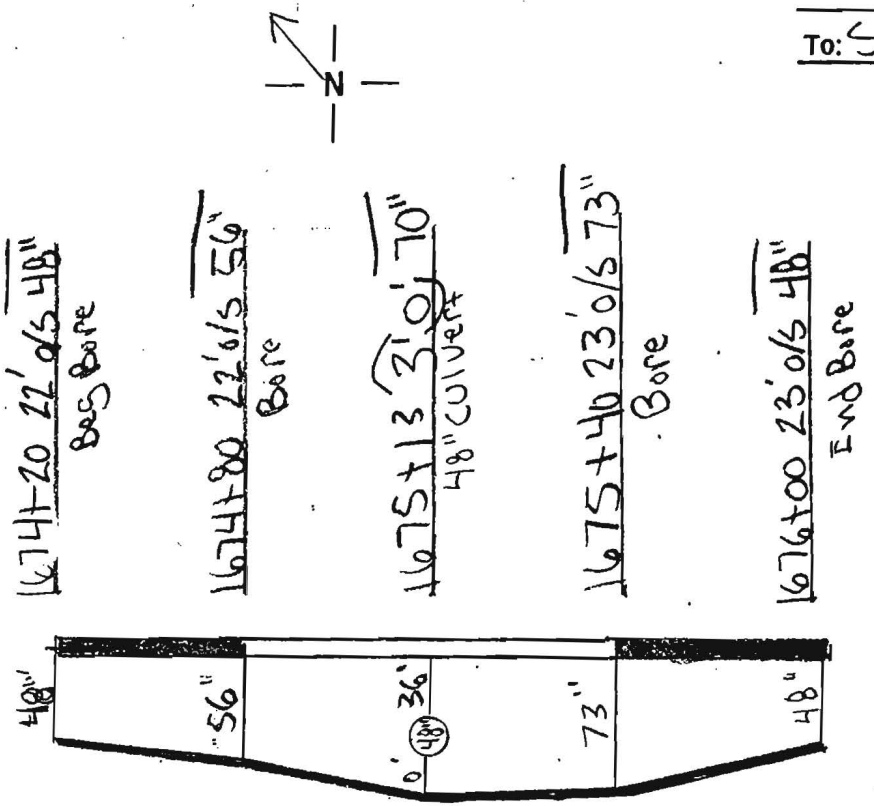
Williams Construction — As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 9907546.16

Date: 2-[illegible]01
Page No. 1
Drawing #: Sacr-256-4

From: Point Arena

To: Sacramento



Notes: 2-1/2 HDPE Orange Blue
1-1/4 HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
MATCHLINE				
1672+75	25'	48"		END PLOW South SIDE
1673+20	24'	48"		BEGIN PLOW
1674+00	24	48"		END PLOW
1676+20	24	48		BEGIN PLOW
1678+00	24'	48"		
1680+00	24'	48"		
1681+00	24'	48"		END PLOW

DATE:	12-20-00	CONTRACTOR:	TIDWELL
COUNTY:	SONOMA	INSPECTOR:	JR SMITS
ALIGN. SHT. #		PROJECT:	

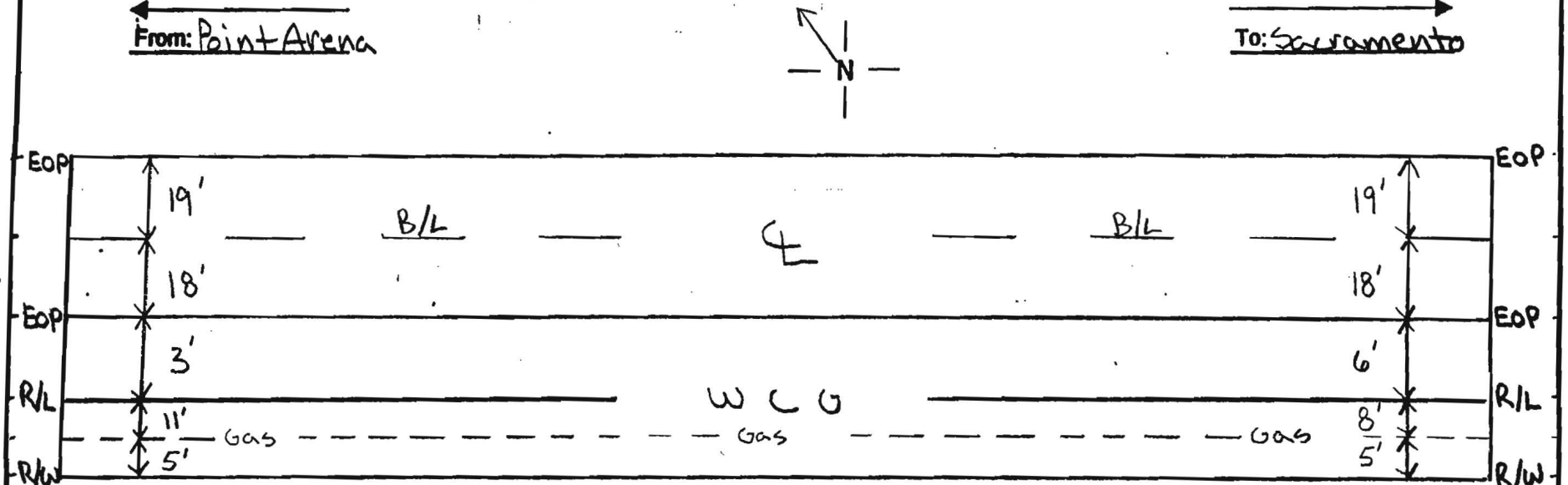
Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]ta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-[illegible]
Page No. 1
Drawing #: Sacr-256-4

From: Point Arena

To: Sacramento



1681+10 21 o/s 48" Beg Bore

1681+70 22 o/s 65" Bore

1681+30 22 o/s 53" Bore

1682+90 24 o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jebs Ingraugh

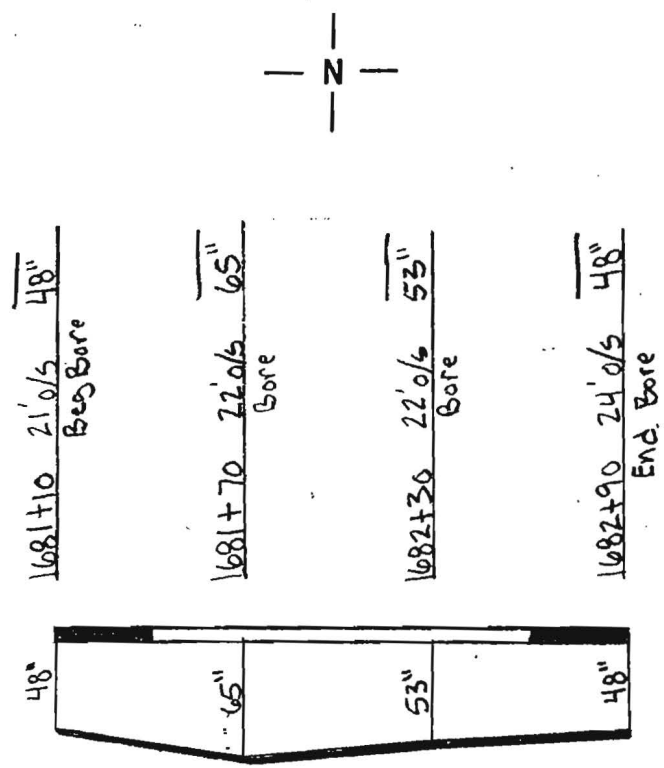
Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-3[illegible]
Page No. 2
Drawing #: Sacr-256-4

From: Point Arena

To: Sacramento



Notes: 2 - 1 1/2 HDPE Orange, Blue 1 - 1 1/4 HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

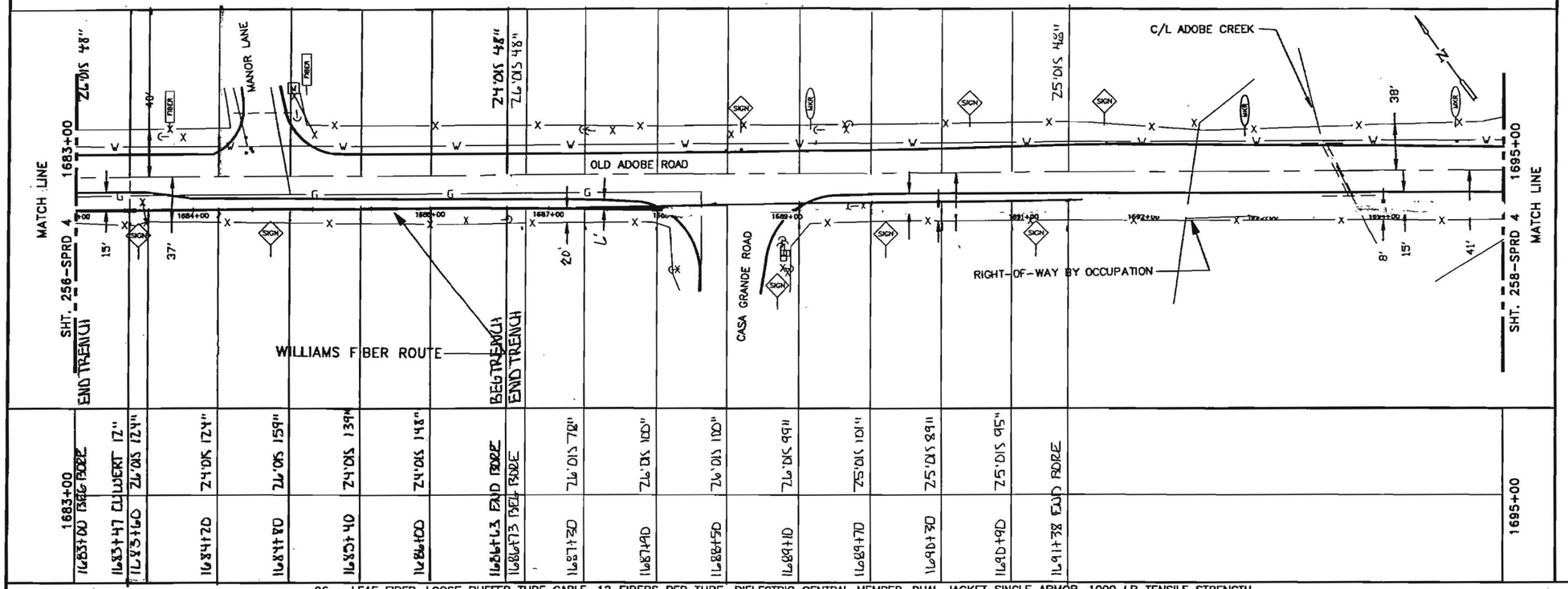
1683+31 67' LT. FENCE CORNER
1683+46 56' LT. CULVERT
1683+47 CULVERT
1683+52 11' RT. FENCE CORNER
1683+57 5' LT. POWER POLE
1683+60 9' RT. TELE. POLE
1683+73 59' LT. POLE
1684+31 67' LT. FENCE CORNER
1684+44 46' LT. WATER VALVE
1684+44 56' LT. WATER VALVE
1684+48 49' LT. WATER VALVE
1684+50 47' LT. WATER VALVE
1684+83 79' LT. CULVERT
1684+87 72' LT. TELE. POLE
1684+95 69' LT. FENCE CORNER
1685+01 61' LT. TELE. POLE
1686+30 8' RT. TELE. POLE
1686+67 9' RT. POLE
1687+28 85' LT. POLE
1687+33 84' LT. POLE
1687+53 64' LT. TELE. POLE
1688+04 49' RT. POLE
1688+27 GAS LINE
1688+52 C/L CASA GRANDE
1688+60 52' LT. POST
1688+93 29' RT. POLE
1688+96 23' RT. POLE
1688+97 38' RT. VAULT
1688+97 46' RT. TELE. POLE
1689+08 27' RT. POLE
1689+40 47' RT. VAULT
1689+24 65' LT. POLE
1689+49 67' LT. TELE. POLE
1689+51 72' LT. POLE
1689+54 3' LT. POLE
1692+42 72' LT. POWER POLE
1692+36 GAS LINE
1693+35 6' RT. FENCE CORNER
1693+54 11' LT. HEADWALL
1693+65 55' LT. HEADWALL
1694+40 3' LT. POLE
1694+63 58' LT. WATER VALVE

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



1683+00 | 1683+00 RADIUS | 1683+47 CULVERT 12" | 1683+57 | 1683+73 | 1684+31 | 1684+44 | 1684+48 | 1684+50 | 1684+87 | 1685+01 | 1686+30 | 1686+63 END RADIUS | 1686+73 END RADIUS | 1687+28 | 1687+33 | 1687+53 | 1688+27 | 1688+52 | 1688+60 | 1688+97 | 1689+08 | 1689+24 | 1689+49 | 1689+51 | 1689+54 | 1691+38 END RADIUS | 1692+36 | 1693+35 | 1694+40 | 1694+63 | 1695+00

RADIUS 26'05 48" | RADIUS 24'05 48" | RADIUS 25'05 48"

26'05 12" | 24'05 12" | 26'05 15" | 24'05 13" | 24'05 14" | 24'05 14" | 26'05 10" | 26'05 10" | 26'05 9" | 26'05 10" | 25'05 10" | 25'05 8" | 25'05 9" | 25'05 9"

16834+20 | 16834+80 | 16835+40 | 16836+00 | 16836+63 | 16837+20 | 16837+80 | 16838+50 | 16839+10 | 16839+70 | 16840+30 | 16840+90 | 16841+38

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK, 1-1.5" HDPE ORANGE, 1-1.5" HDPE BLUE

1683+00	16836+63		16836+73	16837+85	16839+15
16836+63	16836+73		16837+85	16839+15	16841+38
363'	10'		112'	130'	223'
1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.20.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1.3.01 TIDWELL	6GA TRACERWIRE J. SINCRAUGH 6.15.01 IN BLACK 1.25" HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1.3.01 MGE	1.11 (3.02) 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1.3.01 MGE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1.3.01 MGE

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Act.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION
- CABLE FIBER COUNT INFO. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
- INNERDUCT & TYPE (CONR/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE UNIT PLACE
- FUTURE-2
- FUTURE-3
- FUTURE-4

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-257-SPRD 4

Williams Construc[illegible] As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

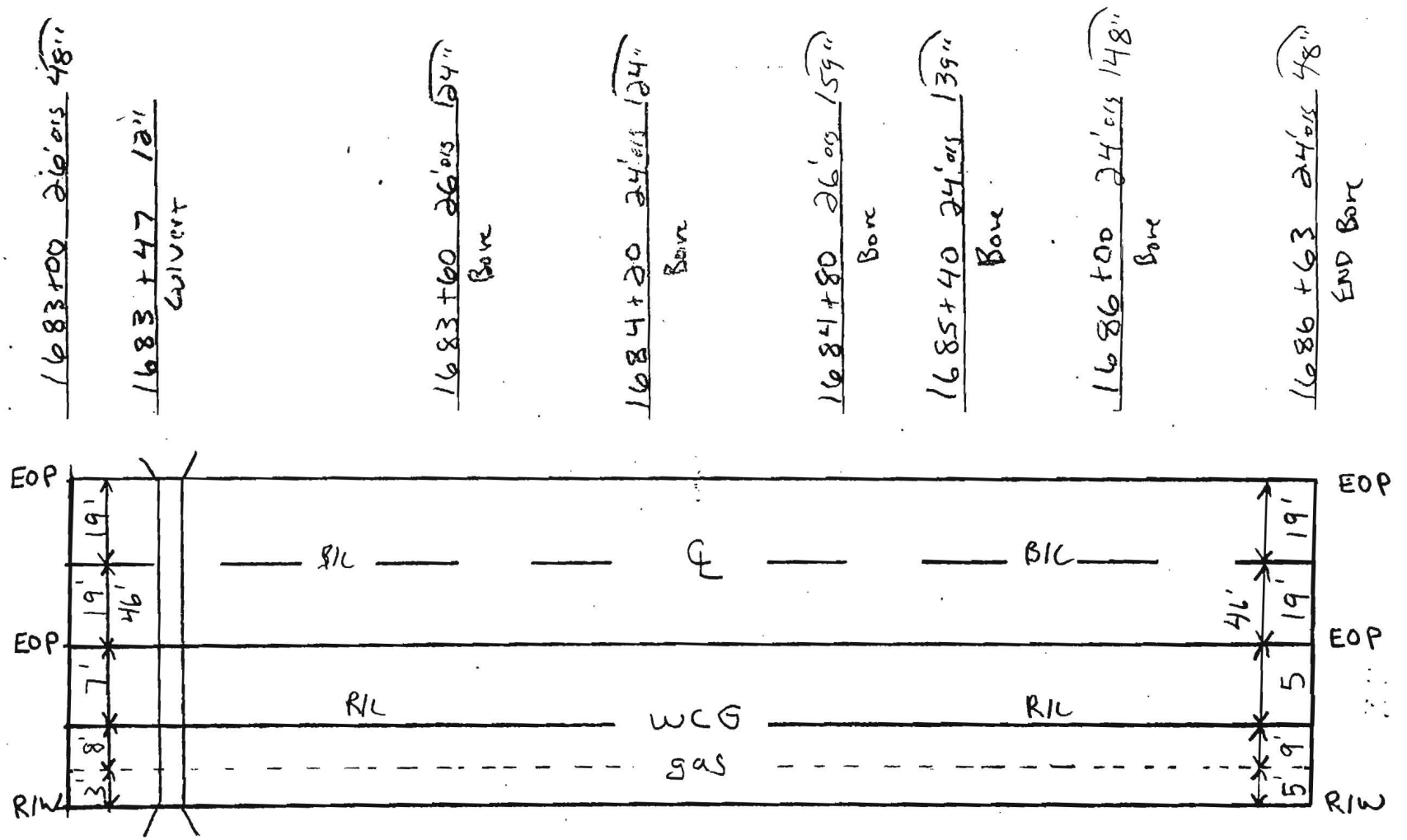
Date: 12-[illegible]00

Page No. 1

Drawing #: SACR 257

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell / MGE
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMITS

Williams Construct[illegible]s-Built Documentation

Spread Location: _____

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Page No. 2 o[illegible]

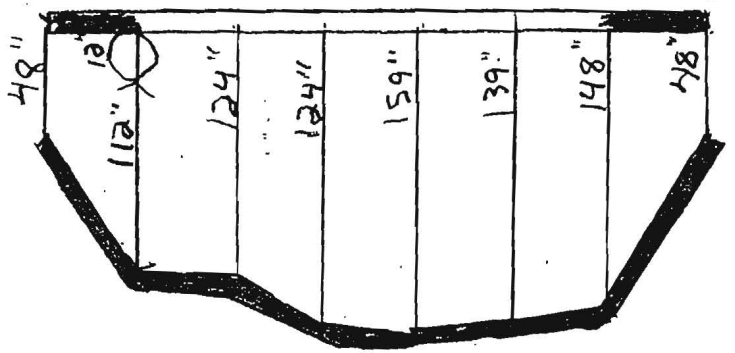
Drawing #: SACR 257

From: POINT ARENA

To: SACRAMENTO

N

16833+00	26' o/s Begin Bore
16833+47	12" Culvert
16833+60	26' o/s Bore
16834+20	24' o/s Bore
16834+80	26' o/s Bore
16835+40	24' o/s Bore
16836+00	24' o/s Bore
16836+63	24' o/s END BORE



Notes:

2 1½ HDPE Orange, Blue

1 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell / MGE

Inspector: JR SMHS

Williams Construc[illegible] As-Built Documentation

Williams

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

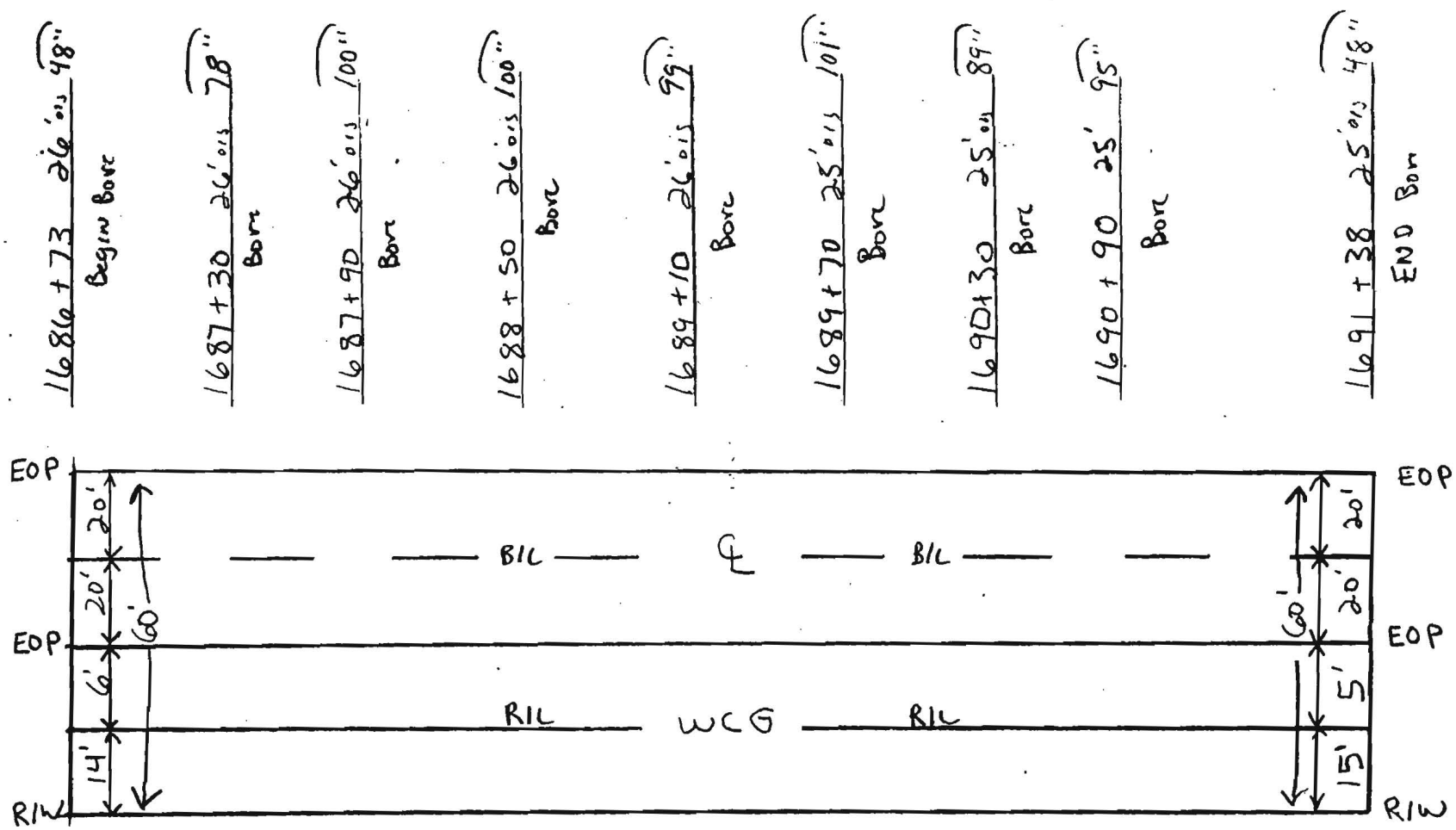
Date: 01-0[illegible]

Page No. 1

Drawing #: SACR 257

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell/MGE
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMITS

Williams Construc As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

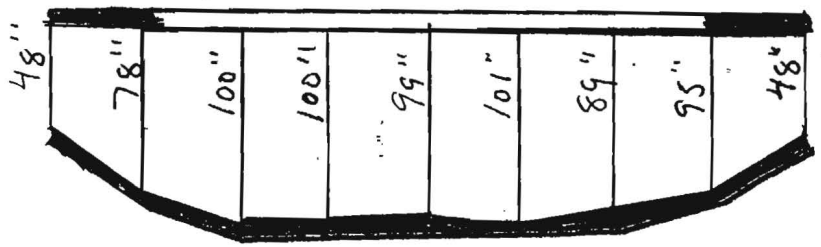
Date: 01-0 01
Page No. 2
Drawing #: SACR 257

From: Point Arena

N

To: Sacramento

16861+73	26'0"S
Begin Bore	
16871+30	26'0"S
Bore	
16871+90	26'0"S
Bore	
16881+50	26'0"S
Bore	
16891+10	26'0"S
Bore	
16891+70	25'0"S
Bore	
16901+30	25'0"S
Bore	
16901+90	25'0"S
Bore	
16911+38	25'0"S
END Bore	



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell | MGE

Inspector: JR Smith

OWNERSHIP: COUNTY OF SONOMA

FIBER STATIONING

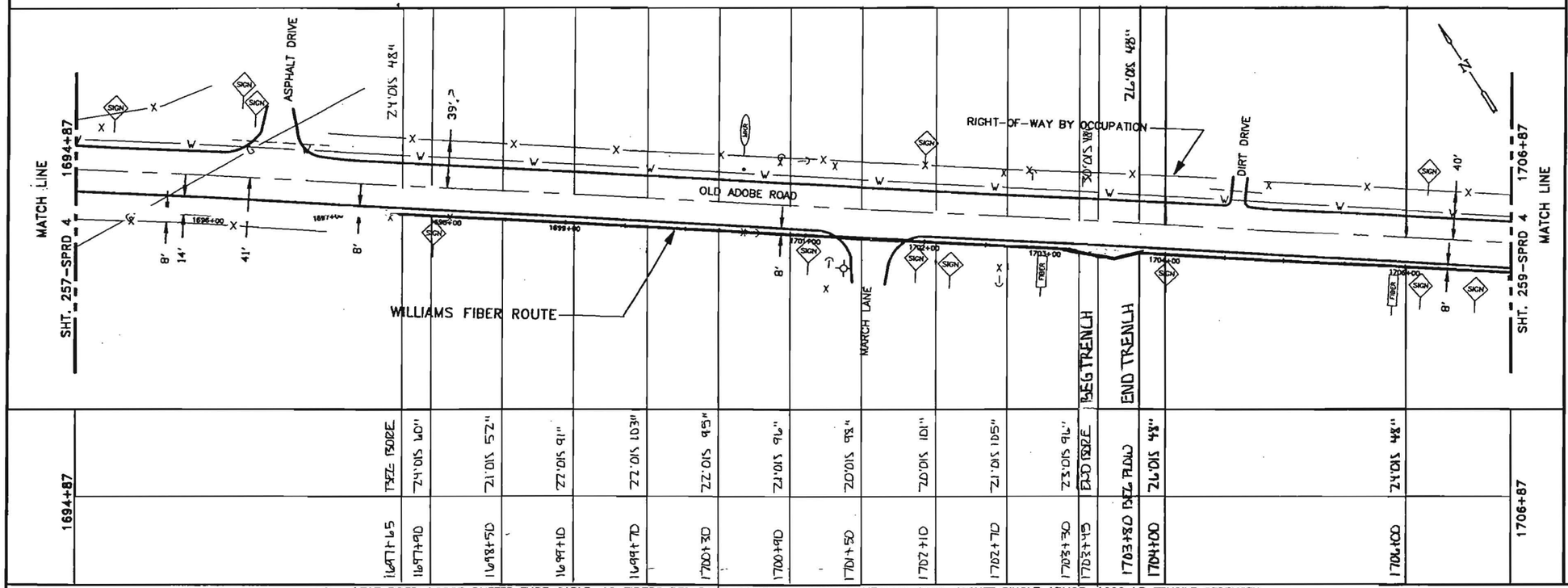
1695+07 68' LT. POWER POLE
1695+37 BEGIN STEEL
1695+42 GAS LINE
1695+47 END STEEL
1695+58 86' LT. FENCE CORNER
1696+17 82' LT. CULVERT
1696+86 16' RT. FENCE CORNER
1697+13 48' LT. WATER LINE
1697+18 53' LT. HANDHOLE
1697+58 SPLICE POLE
1697+98 57' LT. POWER POLE
1700+45 52' LT. WATER VALVE
1700+58 POLE
1700+78 68' LT. POWER POLE
1700+96 61' LT. POLE
1701+20 42' RT. POWER POLE
1701+21 19' RT. POLE
1701+21 57' LT. POWER POLE
1701+25 BEGIN STEEL
1701+40 24' RT. LIGHT POLE
1701+55 C/L MARCH LN.
1701+84 END STEEL
1702+62 59' LT. POWER POLE
1702+63 17' RT. POLE
1702+63 30' RT. POLE
1702+86 60' LT. POLE
1703+65 SPLICE PIT 28X96
1704+34 55' LT. CULVERT
1704+39 63' LT. FENCE CORNER
1704+59 53' LT. C/L DRIVEWAY
1704+79 55' LT. CULVERT
1704+79 64' LT. FENCE CORNER
1704+84 60' LT. POWER POLE

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



1694+87															1706+87
	TREE FENCE	24'OS 40"	21'OS 52"	22'OS 41"	22'OS 03"	22'OS 45"	21'OS 96"	20'OS 98"	20'OS 01"	21'OS 05"	23'OS 96"	BEG FENCE	24'OS 48"	24'OS 48"	
1697+65	1697+90	1698+50	1699+10	1699+70	1700+30	1700+90	1701+50	1702+10	1702+70	1703+30	1703+95	1703+80 BEG PLOW	1704+00	1704+00	

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

1697+65	1701+00	1702+00	1703+45		1703+80
1701+00	1702+00	1703+45	1703+80		1706+87
335'	100'	145'	35'		307'
1.11	1.11 @ 3.21	1.11	1.11		1.11
2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE		2-1.5" HDPE
1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE		1-1.25" HDPE
JR SMITS	JR SMITS	JR SMITS	JR SMITS		JR SMITS
1.4.01	1.4.01	1.4.01	1.4.01		17.20.00
MGE	MGE	MGE	TIDWELL		TIDWELL
			6GA TRACER WIRE		
			J. SINCRAUGH 6.15.01 IN BLACK 1.25" HDPE		

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- OH Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line end/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- OH Marker
- Fiber Marker
- Water Inlet

WILLIAMS
EMERGENCY NOTIFICATION NUMBER
1-800-582-9069

CAUTION
WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFR. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	

DRAWING NUMBER : SACR-258-SPRD 4

Williams Construc[illegible] As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

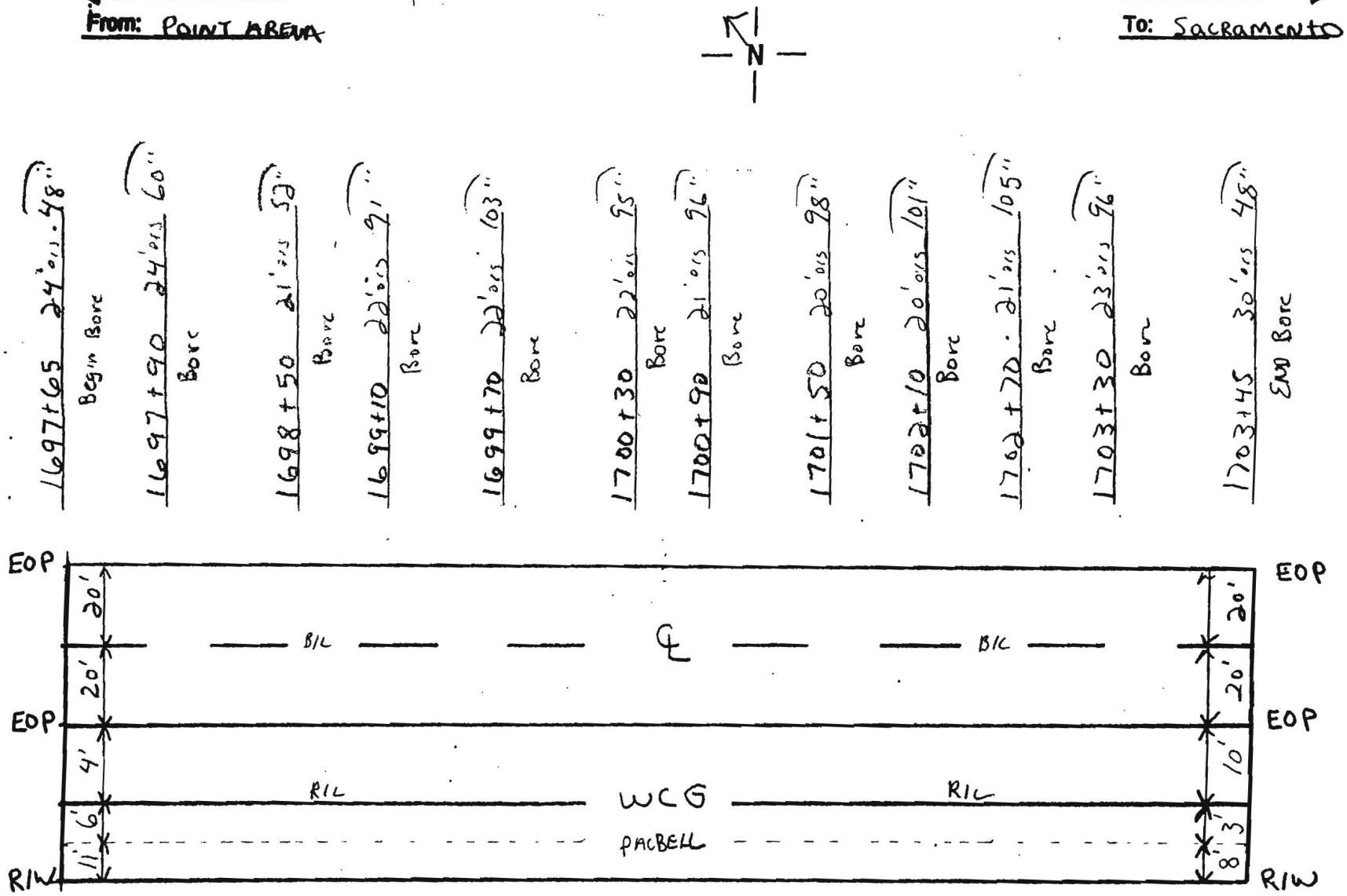
Contract No. 99P154.16

Page No. 1

Drawing #: SACR 258

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell/MGE
[illegible] HDPE Black	Duct Configuration:	Inspector: JR SMITS

Williams Constructi[illegible]s-Built Documentation

Williams

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

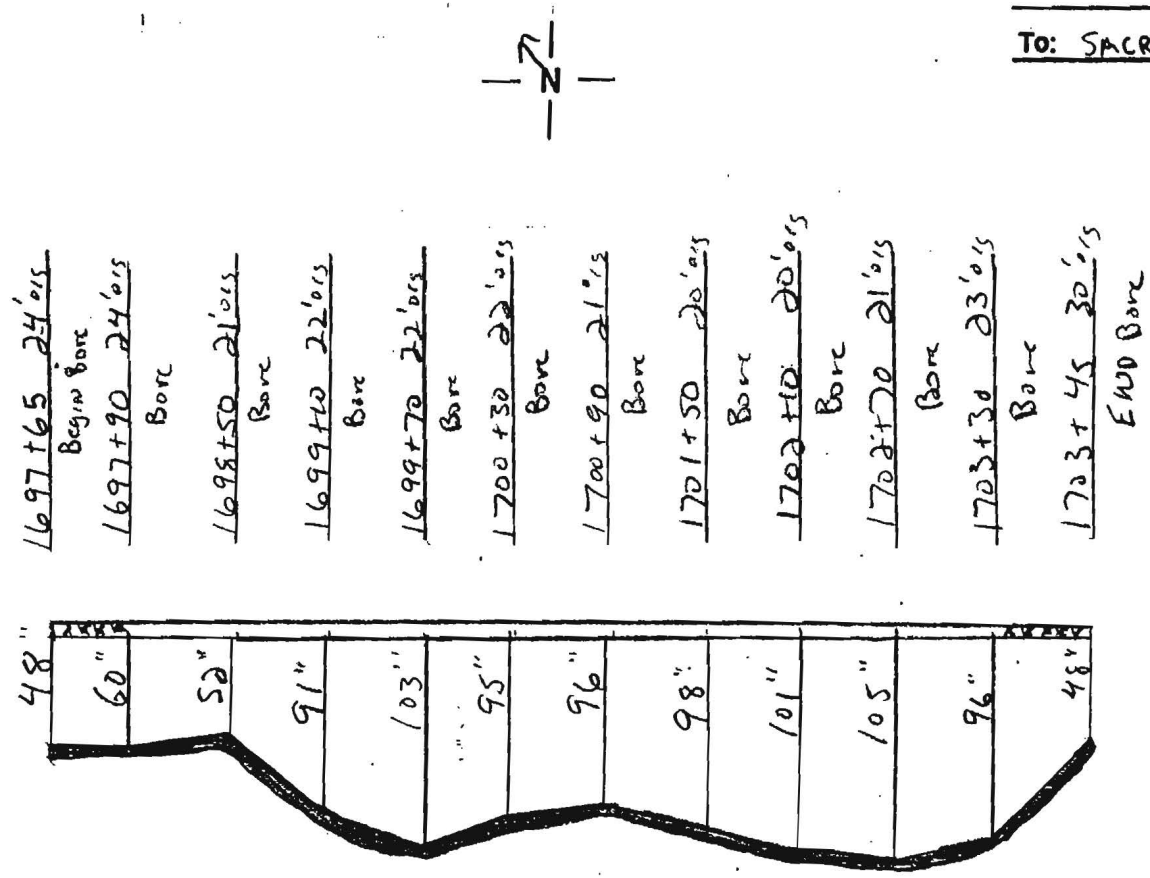
Date:

Page No. 2 of

Drawing #: SACR 258

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell / MGE
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMHS

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1703+80	26'	48		BEGIN PLOW
1704+00	26'	48"		
1706+00	24	48"		
MATCHLINE				

DATE:	12-20-00	CONTRACTOR:	TIDWELL
COUNTY:	SONOMA	INSPECTOR:	JR SMITS
ALIGN. SHT. #		PROJECT:	48

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

1706+87 SPLICE PIT 24'DIA 48"
1704+34 55' LT. CULVERT
1704+39 65' LT. FENCE CORNER
1704+58 53' LT. C/L DRIVEWAY
1704+78 55' LT. CULVERT
1704+79 64' LT. FENCE CORNER
1704+84 60' LT. POWER POLE

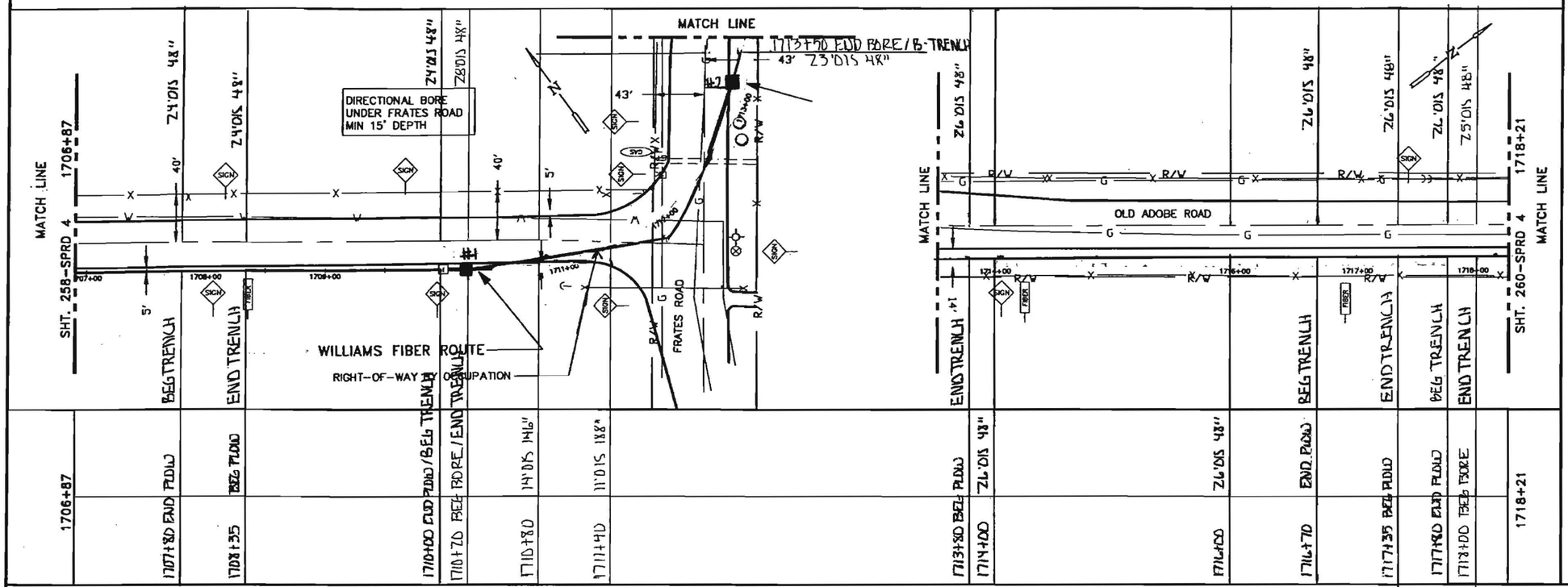
#1 1710+19 HANDHOLE 15'DIA 42"
JR SMITS 3.21.01
#2 1713+02 HANDHOLE 27'DIA 42"
JR SMITS 3.21.01

1707+85 61' LT. POWER POLE

1711+00 14' RT. POLE
1711+17 18' RT. TELE POLE
1711+28 HANDHOLE
1711+29 DRAIN GRATE
1711+78 28' LT. POWER POLE
1711+78 96' RT. WATER VALVE
1711+97 4' LT. POLE
1712+06 2' RT. FENCE CORNER
1712+08 86' RT. TRAFFIC SIG.
1712+17 79' RT. LIGHT POLE
1712+19 1' LT. POWER POLE
1712+20 15' LT. VAULT
1712+25 15' RT. CULVERT
1712+25 85' RT. CULVERT
1713+28 HANDHOLE
1714+40 70' LT. POWER POLE

ROAD STATIONING

← POINT ARENA | SONOMA COUNTY CALIFORNIA | SACRAMENTO →



1706+87	1707+80 END PLOW	1708+35 BEG PLOW		1710+00 END PLOW/BEG TRENCH	1710+20 BEG BORE/END TRENCH	14'DIA 146"	11'DIA 188"	1713+50 BEG PLOW	26'DIA 48"	1716+70 END PLOW	1717+35 BEG PLOW	1717+80 END PLOW	1718+00 BEG TRENCH
1707+80	1708+35	1710+00	1710+20	1710+80	1713+80			1716+00		1717+35	1717+80	1718+00	1718+21
93'	55'	165'	20'	330'	30'			290'		65'	45'	20'	21'
1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.20.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.20.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.20.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1.3.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1.3.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1.3.01 TIDWELL 6GA TRACERWIRE J. SINCRAUGH 6.15.01 IN BLACK 1.25" HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.19.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 1.3.01 TIDWELL		1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.19.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE J SINCRAUGH 1.19.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.19.01 TIDWELL	

96 - LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK, 1-1.25" HDPE BLUE, 1-1.5" HDPE ORANGE

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line end/or White Line
- Regen Site
- P.O.P./Act.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

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1-888-945-2255

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFR. TYPE OF GLASS — CABLE DESCRIPTION
CABLE REEL NO. — CABLE DESCRIPTION
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH — CABLE DESCRIPTION
INNERDUCT & TYPE (CORR/SMOOTH/COLOR) — PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE — PIPE & INNERDUCT PLACEMENT
PVC — PIPE & INNERDUCT PLACEMENT
FUTURE-2 — FUTURE UNIT PLACE
FUTURE-3 — FUTURE UNIT PLACE
FUTURE-4 — FUTURE UNIT PLACE

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

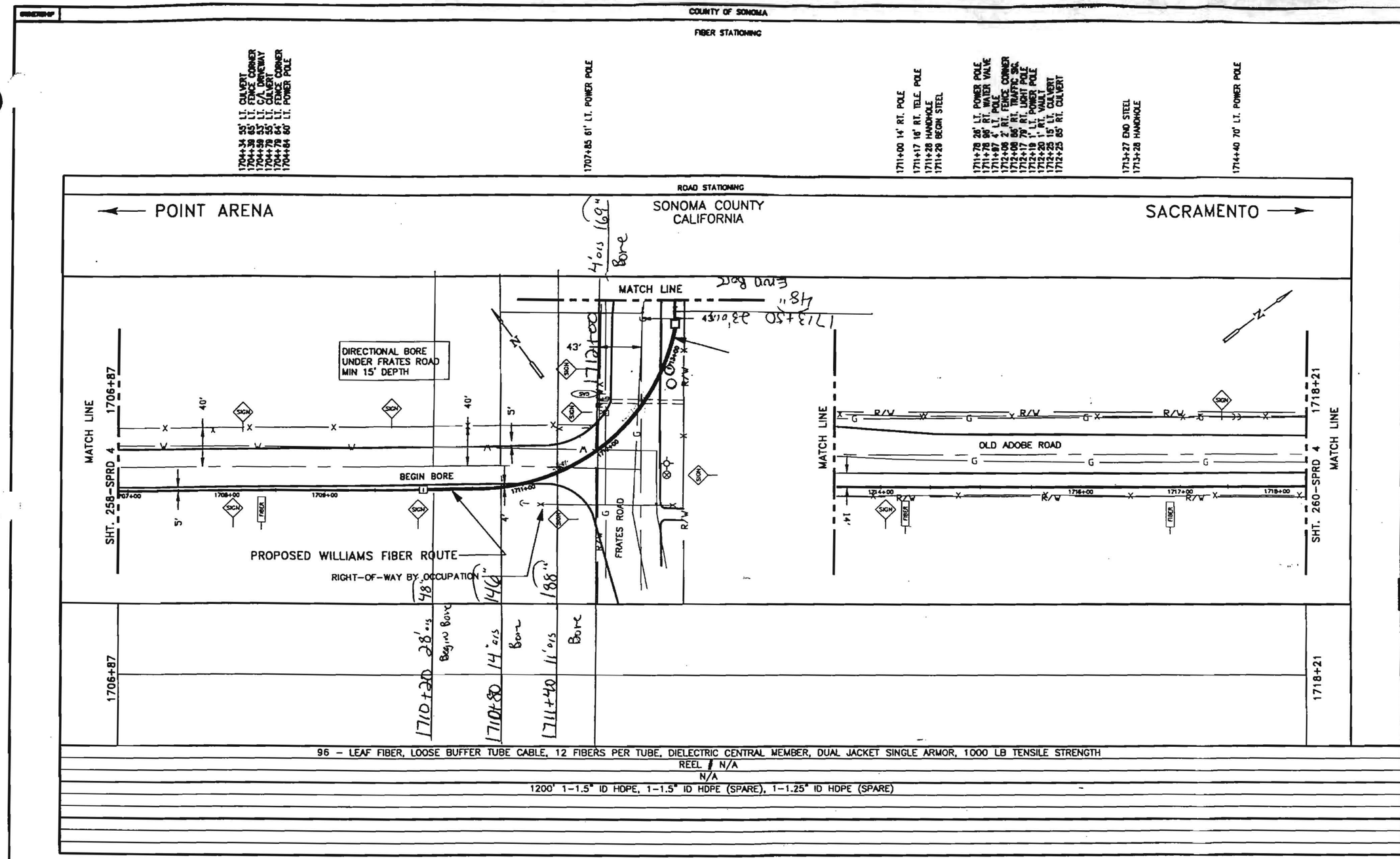
DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	

DRAWING NUMBER : SACR-259-SPRD 4

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
MATCHLINE				SOUTH SIDE R/R
1707+80	241	48"		END PLOW
1708+35	24'	48"		BEGIN PLOW
1710+00	24'	48"		END PLOW
1713+80	26'	48		BEGIN PLOW
1714+00	26	48"		
1716+00	26	48		
1718+70	26	48		END PLOW
1717+35	26'	48		BEG PLOW
1717+80	26	48		END PLOW



JR
SMITS
01-03-01
Bore

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- Sen. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Region Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
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- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) : 1"=100'	
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER : SACR-259-SPRD 4	

Williams

Williams Construct[illegible] As-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154 16

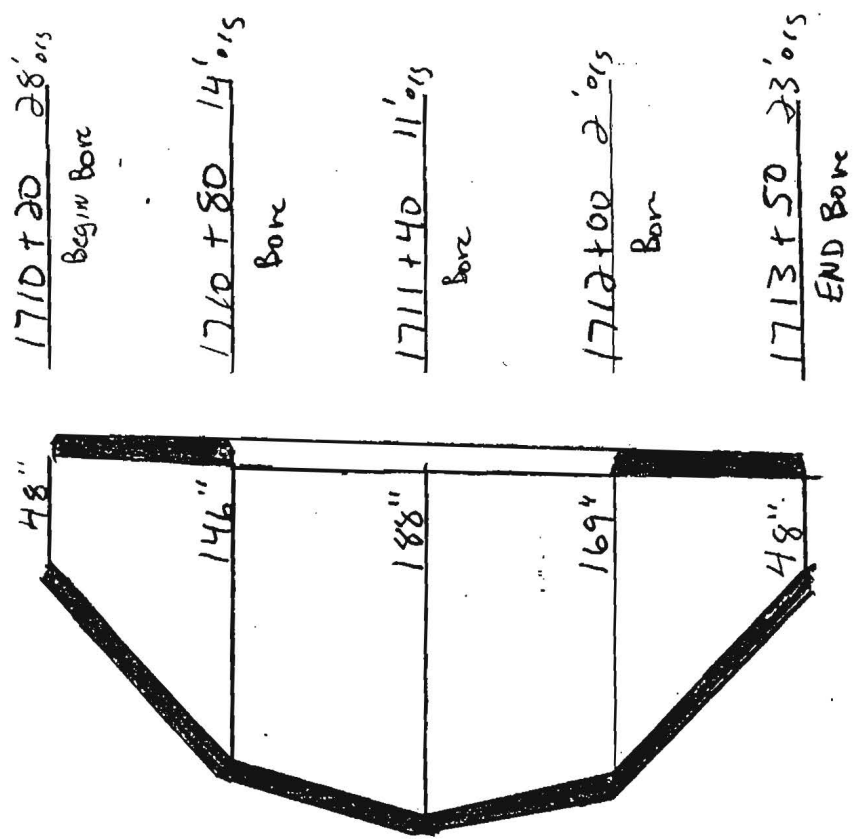
Date: 01-0[illegible]1

Page No. 2 of

Drawing #: SACR 259

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange Blue	Sonoma	Tidwell/West Coast
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

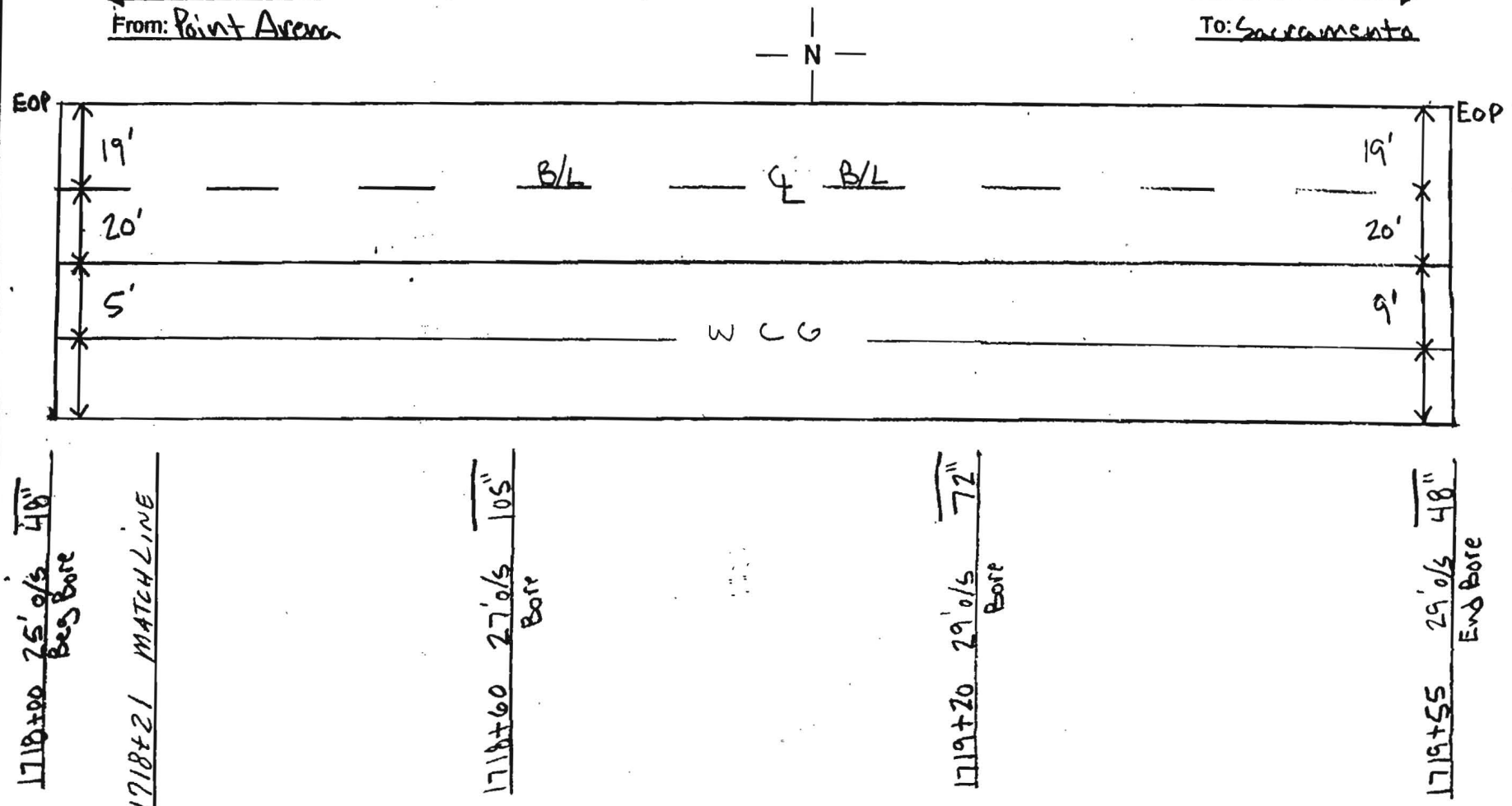
STATION #	OFF SET	DEPTH	MILE POST	REMARKS
MATCHLINE				SOUTH SIDE RT
1707+60	24'	48"		END PLOW
1708+35	24'	48"		BEGIN PLOW
1710+00	24'	48"		END PLOW
1713+80	26'	48		BEGIN PLOW
1714+00	26	48"		
1716+00	26	48		
1718+70	26	48		END PLOW
1717+35	26'	48		BEG PLOW
1717+80	26	48		END PLOW

Williams Constructi[illegible]s-Built Documentation

Spread Location: Santa Rosa
Spread No. 4B
AFE No. 4815
Contract No. 99P154.16

Date: 1-19
Page No. 1 of
Drawing #:

From: Point Arena — To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma Duct Configuration:	Contractor: Tidwell Inspector: Deb Silvercraugh

Williams Construct[illegible]s-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4975
Contract No. 99P154.16

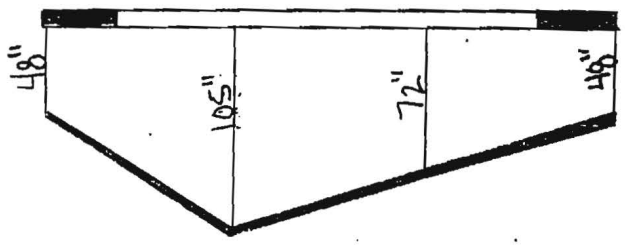
Date: [illegible]
Page No. 2
Drawing #:

From: Point Arena

To: Sacramento

N

1718+00 25'0/s 48" Beg Bore
1718+21 MATCH LINE
1718+60 27'0/s 105" Bore
1719+20 29'0/s 72" Bore
1719+55 29'0/s 48" End Bore



Notes: 2-1½ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

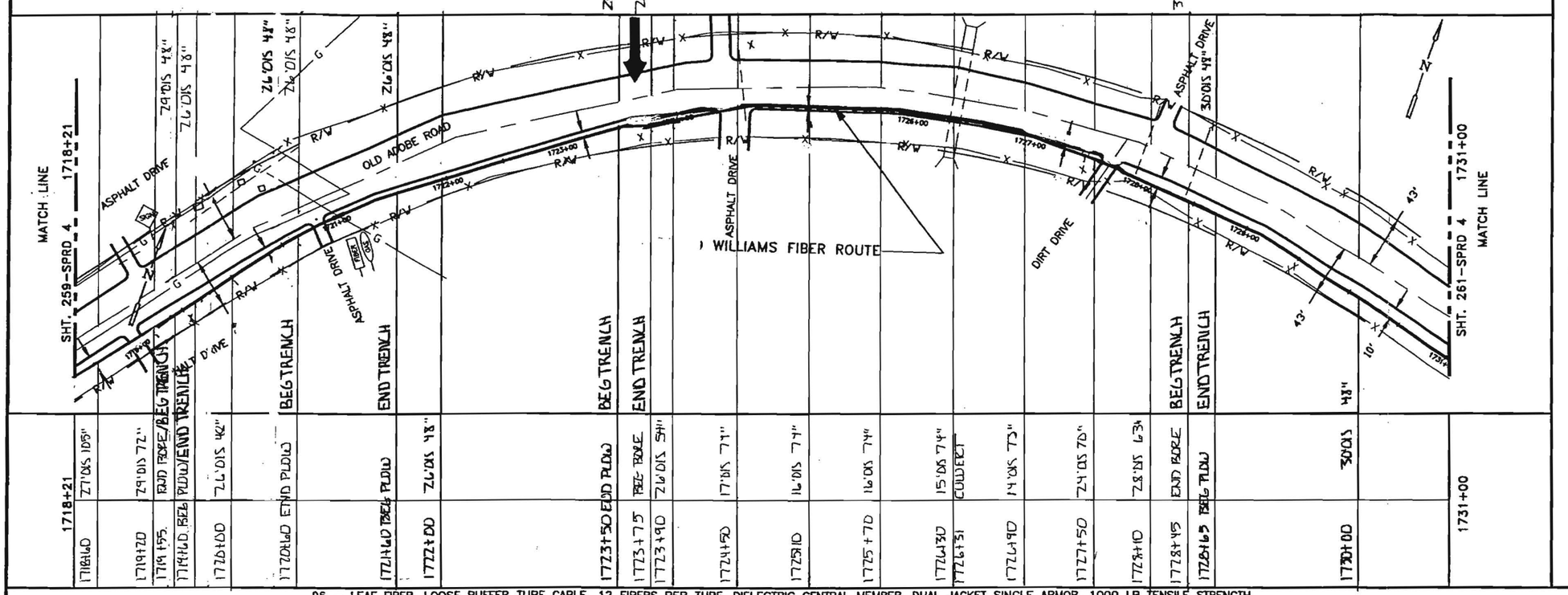
1719+02 6' LT. C/L DRIVEWAY
1719+58 SPLICE PIT 28'0/S
1719+27 62' LT. CULVERT
1719+28 70' LT. FENCE CORNER
1719+45 61' LT. CULVERT
1719+45 69' LT. FENCE CORNER
1719+51 11' RT. POWER POLE
1719+77 64' LT. POWER POLE
1720+07 64' LT. CULVERT
1720+49 61' LT. VAULT
1720+58 48' LT. VAULT
1720+86 24' LT. DRIVEWAY
1720+94 65' LT. CULVERT
1720+00 BEGIN STEEL
1721+04 GAS LINE
1721+08 END STEEL
1721+66 SPLICE PIT 26'0/S
1723+65 SPLICE PIT 17'0/S
1723+67 11' RT. TELE. POLE
1723+85 2' RT. POWERLINE
1724+03 BEGIN STEEL
1724+37 24' RT. FENCE CORNER
1724+49 8' RT. C/L DRIVEWAY
1724+53 46' LT. CULVERT
1724+57 24' RT. FENCE CORNER
1724+63 49' LT. POWER POLE
1726+29 32' RT. BOX CULVERT
1726+31 61' LT. BOX CULVERT
1726+32 78' LT. BOX CULVERT
1726+34 7' RT. CULVERT
1726+38 20' RT. BOX CULVERT
1726+38 32' RT. BOX CULVERT
1726+41 63' LT. BOX CULVERT
1727+48 6' RT. POLE
1727+66 24' RT. FENCE CORNER
1727+71 60' LT. CULVERT
1727+72 2' RT. C/L DRIVEWAY
1727+73 69' LT. FENCE CORNER
1727+86 END STEEL
1727+84 3' LT. CULVERT
1727+84 7' RT. FENCE CORNER
1728+33 61' LT. CULVERT
1728+38 64' LT. TELE. POLE
1728+41 4' LT. CULVERT
1728+65 12' RT. FENCE CORNER
1728+55 SPLICE PIT 30'0/S
1728+49 11' RT. FENCE CORNER
1728+50 7' RT. TELE. POLE

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



1718+21	1718+60	1719+02	1719+55	1719+60	1720+60	1721+60	1723+50	1723+73	1728+45	1728+65	1731+00
27'0/S 105"		29'0/S 72"		26'0/S 48"		17'0/S 77"	16'0/S 77"	15'0/S 74"		14'0/S 73"	30'0/S 48"
1718+60	1719+20	1719+55	1719+60	1720+60	1721+60	1723+50	1723+73	1728+45	1728+65	1731+00	
		END PBDE	BEG PBDE					COUDERT			
		PLOW/END TRENCH	BEG PLOW	26'0/S 48"	16'0/S 77"	16'0/S 74"	16'0/S 74"		14'0/S 73"	24'0/S 70"	
1718+60	1719+20	1719+55	1719+60	1720+60	1721+60	1723+50	1723+73	1728+45	1728+65	1731+00	
		END PLOW	BEG PLOW					END PBDE			
				26'0/S 48"	17'0/S 77"	16'0/S 74"	15'0/S 74"		14'0/S 73"	24'0/S 70"	30'0/S 48"
1718+60	1719+20	1719+55	1719+60	1720+60	1721+60	1723+50	1723+73	1728+45	1728+65	1731+00	
		END PLOW	BEG PLOW					END PBDE			
				26'0/S 48"	17'0/S 77"	16'0/S 74"	15'0/S 74"		14'0/S 73"	24'0/S 70"	30'0/S 48"
1718+21	1718+60	1719+02	1719+55	1719+60	1720+60	1721+60	1723+50	1723+73	1728+45	1728+65	1731+00

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" BLACK HDPE, 1-1.5" BLUE HDPE, 1-1.5" ORANGE HDPE

1718+21 – 1719+55	1719+60 – 1720+60	1721+60 – 1723+50	1723+73 – 1728+45	1728+65 – 1731+00
134'	5'	100'	190'	25'	170'	20'	235'
1.11	1.11	1.11	1.11	1.11	1.11 & 3.21	1.11	1.11
2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1-19-01 TIDWELL	2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.19.01 TIDWELL	2-1.5" HDPE 1-1.25" HDPE JR SMITS 12-19-00 TIDWELL	2-1.5" HDPE 1-1.25" HDPE JR SMITS 12-19-00 TIDWELL 6GA TRACER WIRE J. SINCRAUGH 6.15.01 IN BLACK 1.25" HDPE	2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2-7-01 TIDWELL	2-1.5" HDPE 1-1.25" HDPE JED SINCRAUGH 2-7-01 TIDWELL	2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2-7-01 TIDWELL	2-1.5" HDPE 1-1.25" HDPE JR SMITS 12-19-00 TIDWELL

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- Ct. Road
- Ct. RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line end/or White Line
- Regen Site
- P.O.P./Act.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9089

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION

- CABLE FIBER COUNT MFG. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT

- INNERDUCT & TYPE (CORR/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE UNIT PLACE

- FUTURE-2
- FUTURE-3
- FUTURE-4

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	

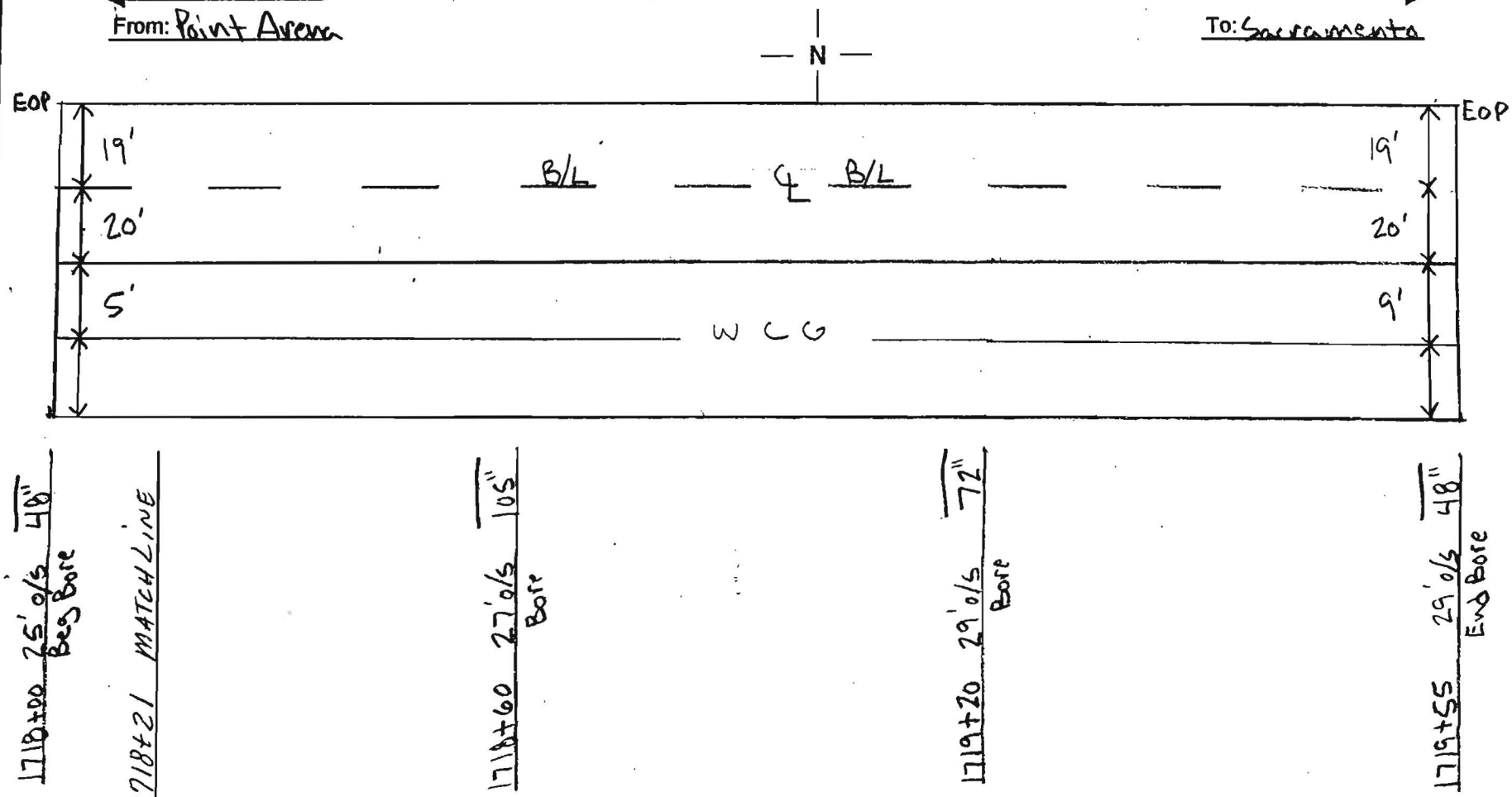
DRAWING NUMBER : SACR-260-SPRD 4

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. 4B
AFE No. 48.15
Contract No. 99P154.16

Date: 1-19
Page No. 1 of 2
Drawing #:

From: Point Arena — To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Seb Sinclaugh

Williams

Williams Construct[illegible] As-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. South4B
AFE No. 4975
Contract No. 99P154.16

Date: 1-17[illegible]
Page No. 2 o[illegible]
Drawing #:

From: Point Arena

To: Sacramento

N

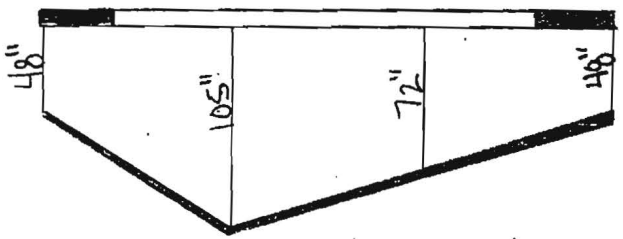
1718+00 25'0/s 48" Beg Bore

1718+21 MATCH LINE

1718+60 27'0/s 105" Bore

1719+20 29'0/s 72" Bore

1719+55 29'0/s 48" End Bore



Notes: 2-1½ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1719+60	26'	48		BEGIN PLOW
1720+00	26	48		
1720+60	26	48		END PLOW
1721+60	26	48		BEGIN PLOW
1722+00	26	48		
1723+50	26	48		END PLOW
1728+65	30'	48"		BEG PLOW
1730+00				
MATCH LINE				

DATE: 12-19-00
COUNTY: SONOMA
ALIGN. SHT. #

CONTRACTOR: TIDWELL
INSPECTOR: JR SMITS
PROJECT: 4B

Williams

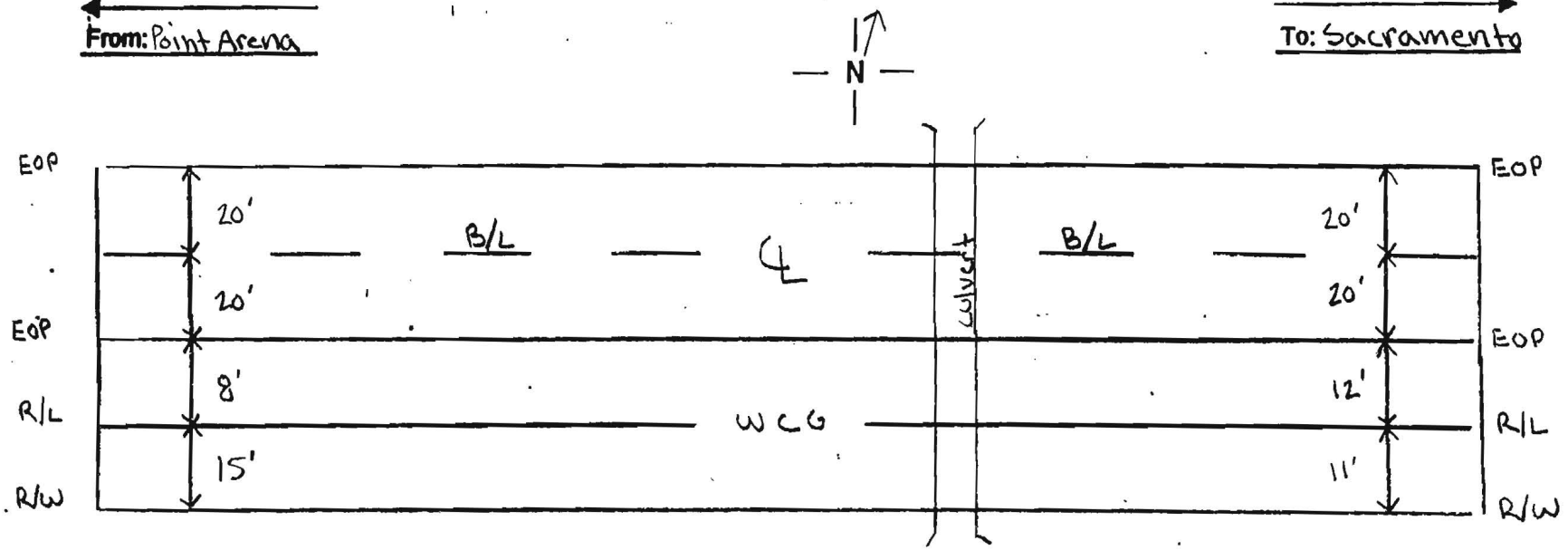
Williams Construc... As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 2-...
Page No. 1
Drawing #: SAS-2600-4

From: Point Arena

To: Sacramento



1723+25 28'o/s 48" Beg Bore

1723+90 26'o/s 54" Bore

1724+50 17'o/s 74" Bore

1725+10 16'o/s 74" Bore

1725+70 16'o/s 74" Bore

1726+30 15'o/s 74" Bore

1726+31.10' 16 74" 7' Culvert

1726+90 14'o/s 73" Bore

1727+50 24'o/s 76" Bore

1728+10 28'o/s 63" Bore

1728+45 32'o/s 48" End Bore

Notes: 2- 1½ HDPE Orange, Blue
1- 1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sincraugh

Williams

Williams Construc... As-Built Documentation

Spread Location: ...ntaRosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154016

Date: 2-...
Page No. 2
Drawing #: Sacs-260-4

From: Point Arena

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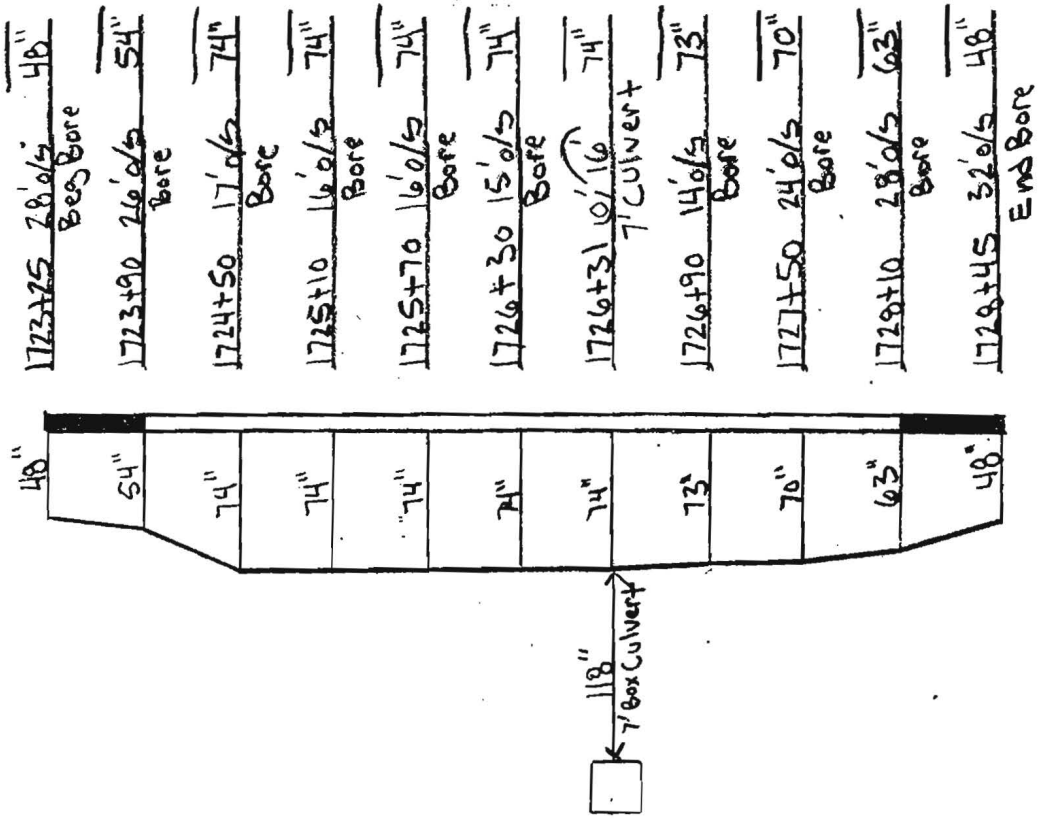
To: Sacramento



Notes: 2- 1½ HDPE Orange, Blue 1- 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jebsimcraugh

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1719+60	26'	48		BEGIN PLOW
1720+00	26	48		
1720+60	26	48		END PLOW
1721+60	26	48		BEGIN PLOW
1722+00	26	48		
1723+50	26	48		END PLOW
1728+16.5	30'	48"		BEG PLOW
1730+00				
MATCH LINE				

DATE: 12-19-00 | CONTRACTOR: TIDWELL

COUNTY: SONOMA | INSPECTOR: JR SMITS

ALIGN. SHT. # | PROJECT: 4B

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

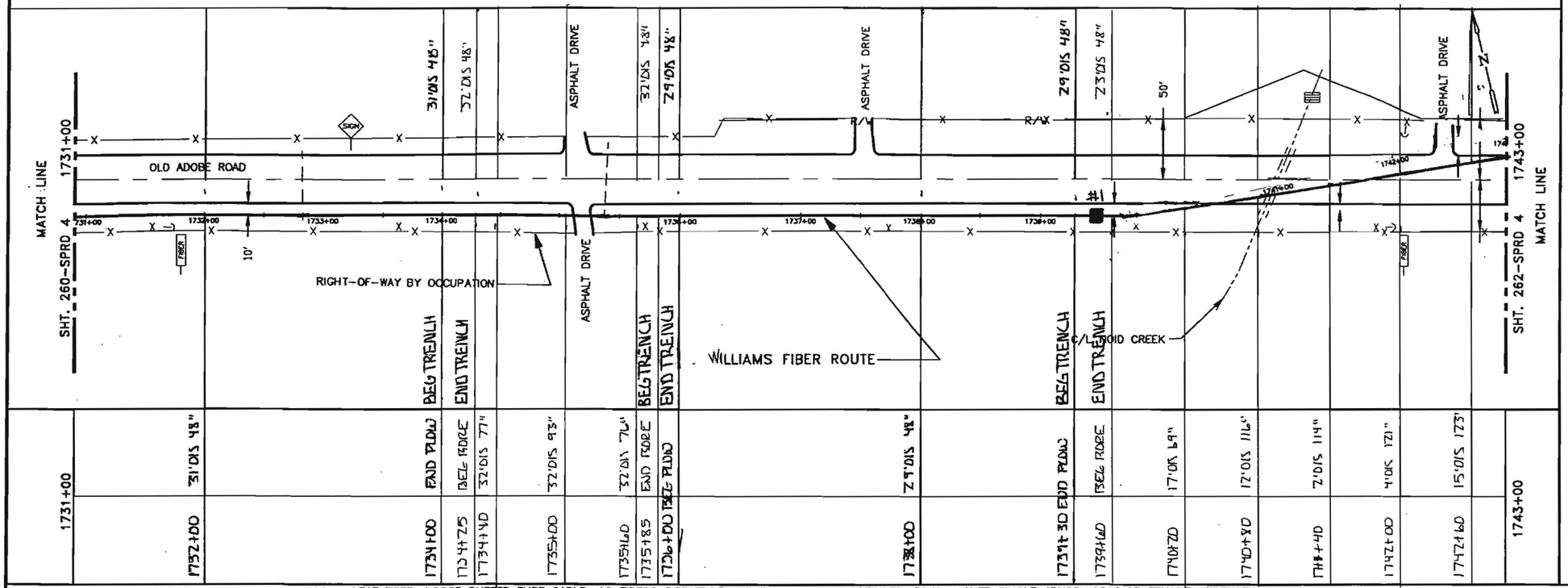
1731+56 8' RT. TELE. POLE
1731+72 9' RT. TELE. POLE
~~1732+28 BEGIN STEEL~~
1732+63 CULVERT
~~1732+88 END STEEL~~
1733+64 9' RT. TELE. POLE
1734+15 SPLICE PIT 3'D'S 48"
1735+01 64' LT. FENCE CORNER
1735+18 4' LT. C/L DRIVEWAY
1735+22 64' LT. FENCE CORNER
1735+37 CULVERT
1735+38 80' LT. CULVERT
1735+72 7' RT. TELE. POLE
1735+90 SPLICE PIT 3'D'S 48"
1736+27 64' LT. FENCE CORNER
1736+35 79' LT. FENCE CORNER
1737+74 10' RT. TELE. POLE
1739+18 HAND HOLE 28'D'S 48"
1739+28 SPLICE PIT 3'D'S 48"
1739+77 HANDHOLE
~~1740+22 BEGIN STEEL~~
1740+86 19' RT. C/L NOID CREEK
1741+71 53' RT. TELE. POLE
1741+79 41' RT. POWERLINE
~~1742+05 END STEEL~~
1742+67 HANDHOLE
1742+17 24' LT. TELE. POLE
1742+32 22' LT. FENCE CORNER
1742+65 14' LT. FENCE CORNER

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



1731+00	3'1'D'S 48"		END PLOW	BEG RODE	3'2'D'S 77"	3'2'D'S 93"	3'2'D'S 76"	END RODE		2'9'D'S 48"		BEG TRENCH		
1732+00			END PLOW	BEG RODE	3'2'D'S 77"	3'2'D'S 93"	3'2'D'S 76"	END RODE		2'9'D'S 48"		BEG TRENCH		
		1734+00		1734+25		1735+00		1735+85	1736+00	1738+00	1739+30	1739+60	1740+20	1742+00
		1734+25		1735+31		1735+43		1735+85	1736+00	1739+30	1739+60	1740+20	1743+00	1743+60
		25'		106'		12'		85'	15'	330'	30'	60'	340'	60'
		1.11		1.11		1.11		1.11		1.11	1.11		1.11 & 3.21	
		2-1.5" HDPE		2-1.5" HDPE		2-1.5" HDPE		2-1.5" HDPE		2-1.5" HDPE	2-1.5" HDPE		2-1.5" HDPE	
		1-1.25" HDPE		1-1.25" HDPE		1-1.25" HDPE		1-1.25" HDPE		1-1.25" HDPE	1-1.25" HDPE		1-1.25" HDPE	
		JR SMITS		J SINCRAUGH		J SINCRAUGH		JEB SINCRAUGH		JR SMITS	JR SMITS		JEB SINCRAUGH	
		2.1.01		2.1.01		2.1.01		2.1.01		12.18.60				
		TIDWELL		TIDWELL		TIDWELL		TIDWELL		TIDWELL				
1731+00	3'1'D'S 48"		END PLOW	BEG RODE	3'2'D'S 77"	3'2'D'S 93"	3'2'D'S 76"	END RODE		2'9'D'S 48"		BEG TRENCH		
1732+00			END PLOW	BEG RODE	3'2'D'S 77"	3'2'D'S 93"	3'2'D'S 76"	END RODE		2'9'D'S 48"		BEG TRENCH		
		1734+00		1734+25		1735+00		1735+85	1736+00	1738+00	1739+30	1739+60	1740+20	1742+00
		1734+25		1735+31		1735+43		1735+85	1736+00	1739+30	1739+60	1740+20	1743+00	1743+60

96 - LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" BLACK HDPE, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

6GA TRACERWIRE
J. SINCRAUGH
6.15.01
IN BLACK 1.25" HDPE

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line end/or White Line
- Regen Site
- P.O.P./Act.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9089

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

	CABLE DESCRIPTION
CABLE FIBER COUNT MFG. TYPE OF GLASS	
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

Williams COMMERCIAL GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : S&V	DATE : 03/10/00
CHECKED BY : S&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	

DRAWING NUMBER : SACR-261-SPRD 4

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
MATCHLINE				
1732+00	31'	48"		PLOW
1734+00	31'	48"		END PLOW
1736+80	29'	48"		BEGIN PLOW
1738+00	29'	48"		PLOW
1739+00	29'	48"		END PLOW

DATE: 12-19-00
COUNTY: SONOMA
ALIGN. SHT. #

CONTRACTOR: TIDWELL
INSPECTOR: JR SMITS
PROJECT: 4R

Williams

Williams Construc[illegible] As-Built Documentation

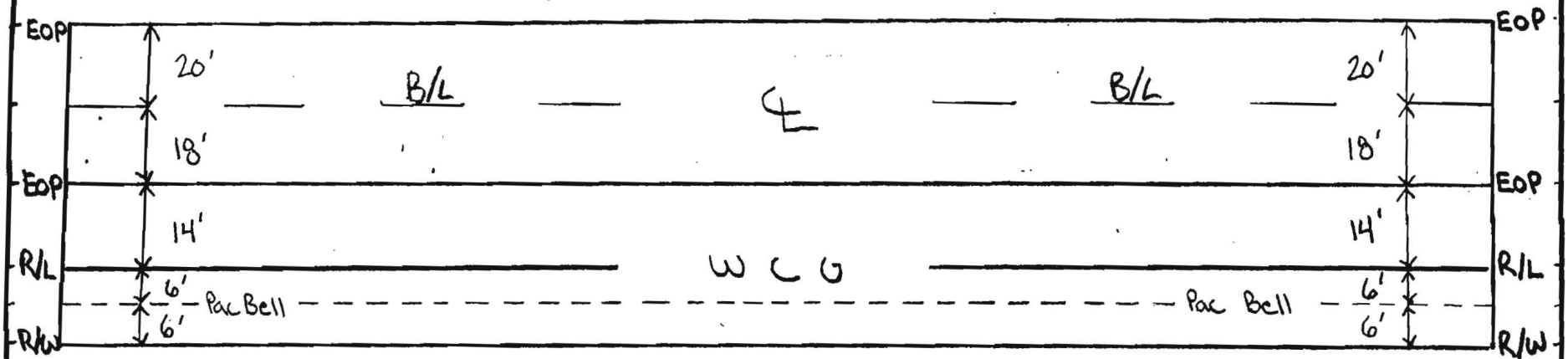
Spread Location: nta Rosa
Spread No. South 4B
AFE No. 4975
Contract No. 99P154.16

Date: [illegible]
Page No. 1
Drawing #: Sacr-261-4

From: Point Arena

N

To: Sacramento



1734+25 32'o/s 48" Beg Bore

1734+40 32'o/s 77" Bore

1735+00 32'o/s 93" Bore

1735+60 32'o/s 76" Bore

1735+85 32'o/s 48" End Bore

Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jebs Sivcraugh

Williams

Williams Construc[illegible] As-Built Documentation

Spread Location: Santa Rosa

Spread No. South 48

AFE No. 4875

Contract No. 99P154.16

Date: [illegible]

Page No. 2

Drawing #: Sacr-261-4

From: Point Arena

To: Sacramento

N

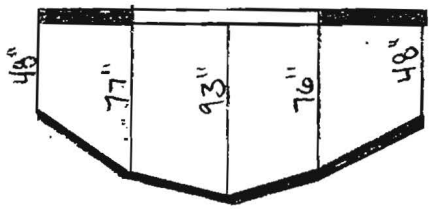
1734+25 32'o/s 48" Beg Bore

1734+40 32'o/s 77" Bore

1735+00 32'o/s 93" Bore

1735+60 32'o/s 76" Bore

1735+85 32'o/s 48" End Bore



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sinclaugh

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
MATCHLINE				
1732+00	31'	48"		PLOW
1734+00	31'	48"		END PLOW
1736+00	29	48"		BEGIN PLOW
1738+00	29'	48"		PLOW
1739+00	29'	48"		END PLOW

DATE: 12-19-00	CONTRACTOR: TIDWELL
COUNTY: SONOMA	INSPECTOR: JR SMITS
ALIGN. SHT. #	PROJECT: 4R

Williams

Williams Construction As-Built Documentation

Spread Location: Santa Rosa

Spread No. South 4B

AFE No. 4875

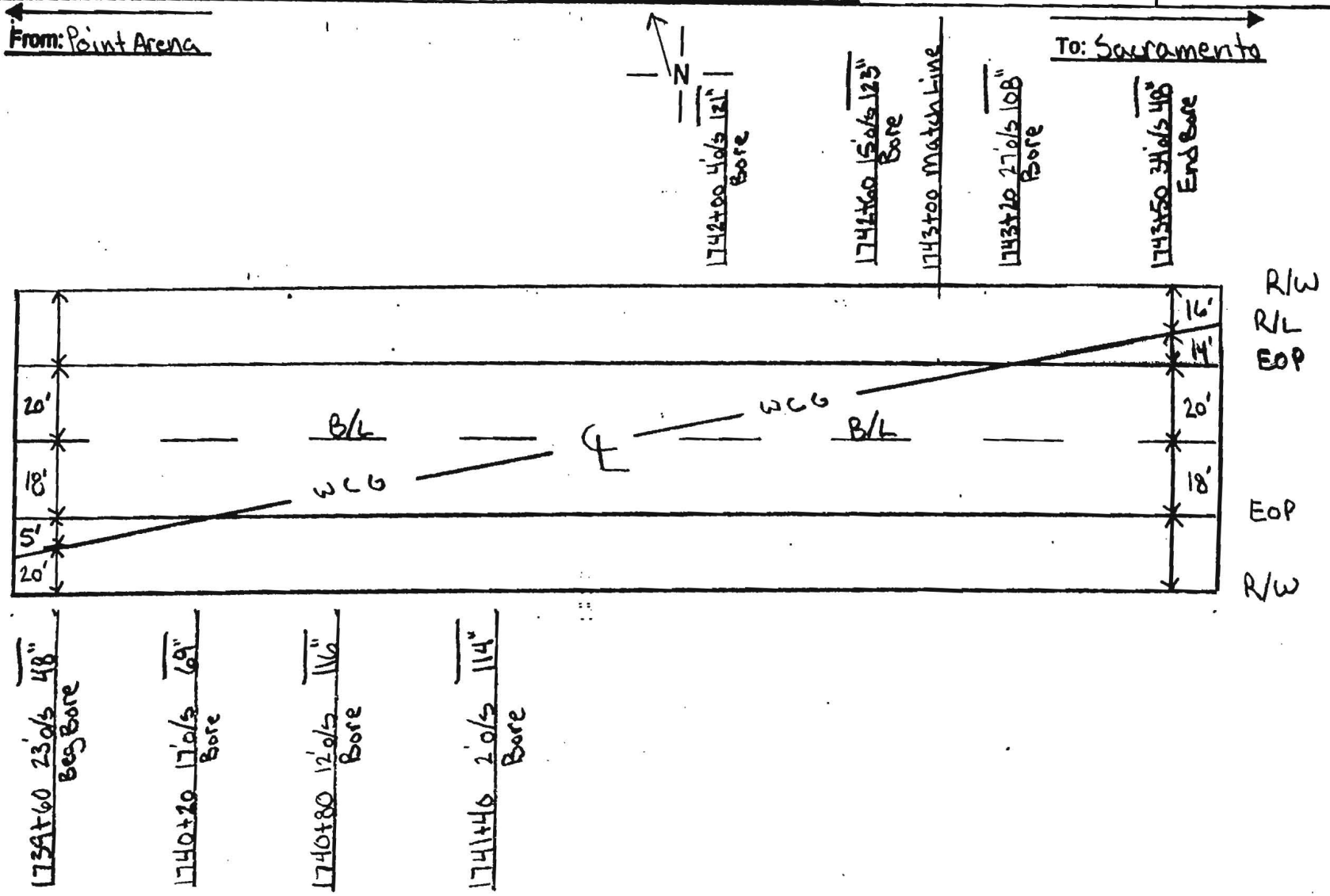
Contract No. 99PIS4016

Page No.

Drawing #: SoCr-241-262

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

Williams Construction — As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

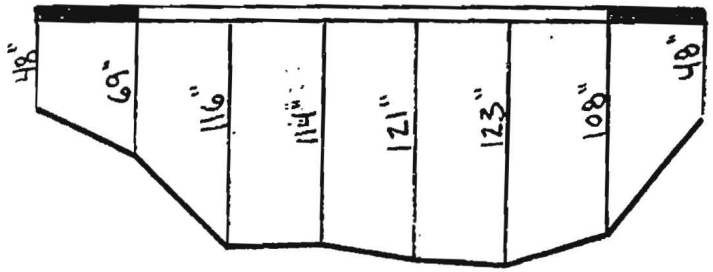
Date: 2-
Page No. 2
Drawing #: Socr-261-262

From: Point Arena

To: Sacramento

N

1739+60	23'0/s	48" Beg Bore
1740+20	17'0/s	69" Bore
1740+80	12'0/s	116" Bore
1741+40	2'0/s	114" Bore
1742+00	4'0/s	121" Bore
1742+60	15'0/s	123" Bore
1743+00		MATCH LINE
1743+20	27'0/s	108" Bore
1743+50	34'0/s	48" End Bore



Notes: 2-1½ HDPE Orange, Blue
1-¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: JebSimcraugh

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

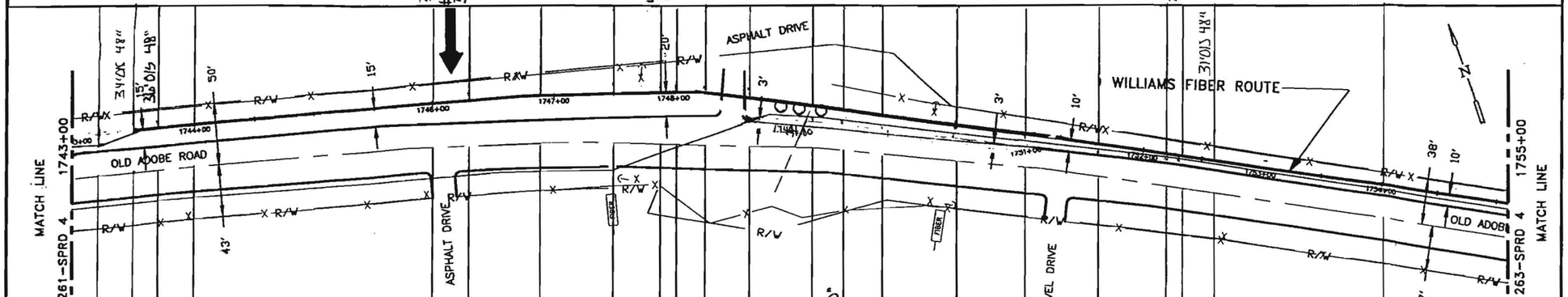
1743+21 13' LT. FENCE CORNER
1743+00 SPLICE AH 36'0/S 48"
1743+86 73' RT. TELE. POLE
1745+89 73' RT. TELE. POLE
1746+04 60' RT. C/L DRIVEWAY
#1 1746+15 SPLICE AH 25'0/S 48"
1747+47 62' RT. HANDHOLE
1747+50 66' RT. POLE
1747+67 69' RT. TELE. POLE
1747+73 12' LT. TELE. POLE
1747+74 19' LT. TELE. POLE
1747+88 75' RT. FENCE CORNER
#2 1747+93 SPLICE AH 46'0/S 48"
1748+23 24' LT. CULVERT
1748+40 DEBRIS STEEL
1748+58 11' RT. C/L DRIVEWAY
1748+67 CULVERT
1748+80 END BORE
1748+96 39' RT. CULVERT
1750+10 29' LT. FENCE CORNER
1750+22 21' LT. POLE
1750+24 27' LT. POLE
1750+24 67' LT. POWERLINE
1750+27 48' RT. TELE. POLE
1750+45 50' RT. POLE
1752+45 SPLICE AH 20'0/S 48"
1752+77 59' RT. TELE. POLE

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



1743+00	1743+50	1743+69	1746+00	1746+30	1747+95	1748+00	1752+00	1752+30	1752+60
1743+50	1743+69	1746+00	1746+30	1747+95	1748+00	1752+00	1752+30	1752+60	1754+00
50'	19'	231'	30'	165'	5'	400'	30'	60'	140'
1.11 @ 3.21	1.11	1.11	1.11	1.11	1.11	1.11 @ 3.21	1.11	1.11	1.11
2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE
1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE
JEB SINCLAUGH	J. SMITS	J. SMITS	JR SMITS	JEB SINCLAUGH	JEB SINCLAUGH	JEB SINCLAUGH	JEB SINCLAUGH	JEB SINCLAUGH	JR SMITS
2-7-01	3.14.01	3.14.01	3.16.01	3.16.01	3.16.01	3.16.01	2.16.01	3.16.01	12-18-00
TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL
					6GA TRACER WIRE				
					J. SINCLAUGH 6.15.01 IN BLACK 1.25" HDPE				

1743+00												
1743+20	27'0/S 108"											
1743+50	END PLOW	END PLOW										
1743+69	BEG PLOW	BEG PLOW										
1744+00	35'0/S	35'0/S	48"									
1746+00		END PLOW	BEG TRENCH									
1746+20		BEG BORE	END TRENCH	52"								
1746+90		38'0/S			77"							
1747+50		41'0/S				BEG TRENCH						
1747+95		END BORE				END TRENCH						
1748+00		BEG BORE										
1748+25		BEG DRIVE					250"					
1748+60		44'0/S										
1748+63		END DRIVE						344"				
1749+20		42'0/S							60"X60" 310"			
1749+45		BOX CULVERT								432"		
1749+80		28'0/S									195"	
1750+40		27'0/S										179"
1751+00		29'0/S										
1751+60		29'0/S										92"
1752+20		30'0/S										
1752+30		END BORE										52"
1752+40		BEG PLOW										BEG TRENCH
1754+00		31'0/S 48"										END TRENCH
1755+00												

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1–1.5" ID HDPE, 1–1.5" ID HDPE (SPARE), 1–1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK 1-1.5" HDPE BLUE 1-1.5" HDPE ORANGE

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- OH Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- OH Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

COMMUNICATIONS GROUP
Network Services

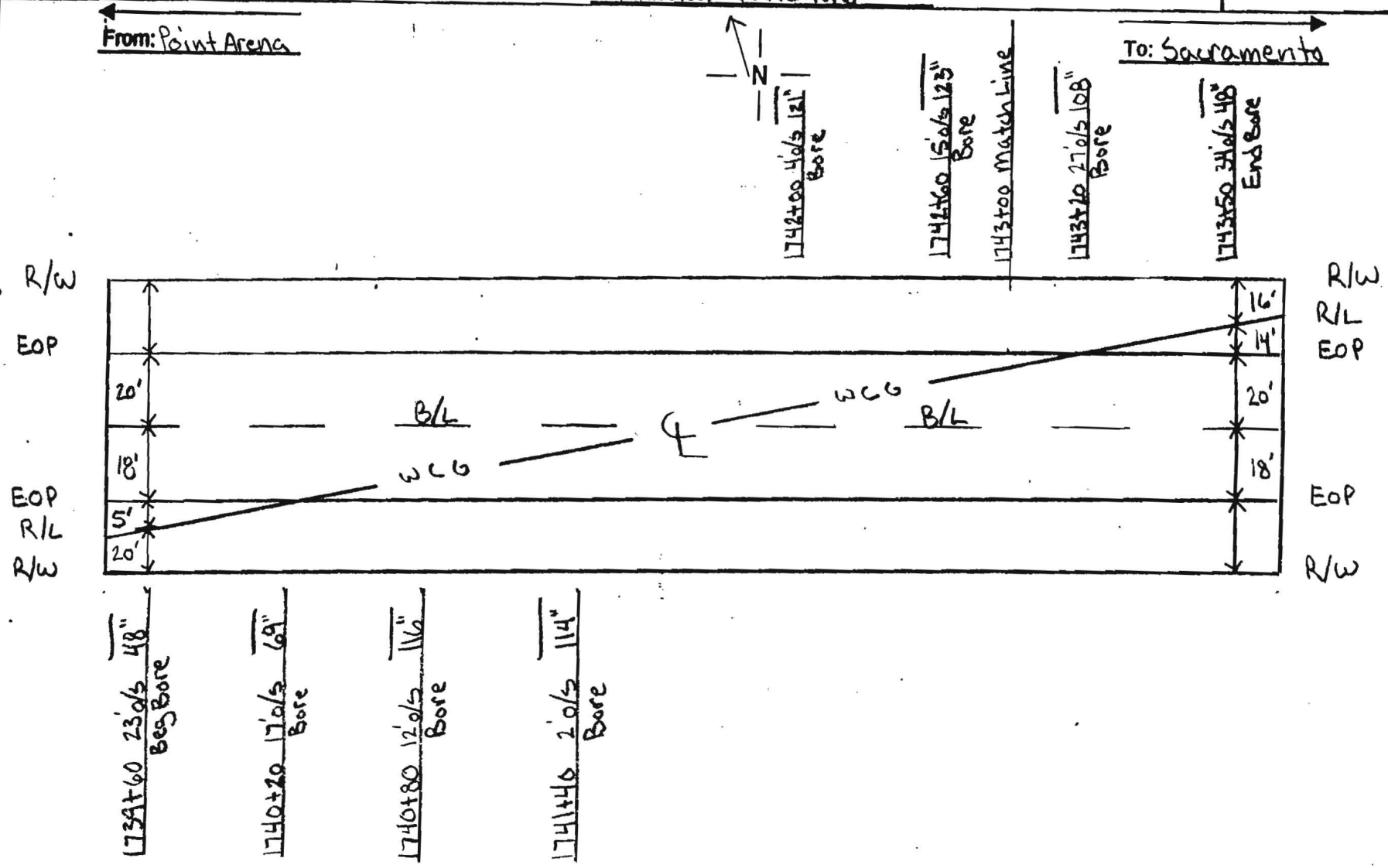
POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-262-SPRD 4

Williams Construction As-Built Documentation

Spread Location: anta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 2-1
Page No. 1
Drawing #: Sacr-261-262



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams

Williams Construc[illegible] As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

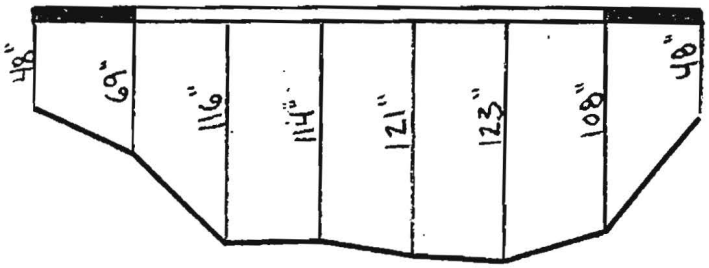
Date: 2-7
Page No. 2
Drawing #: Socr-261-262

From: Point Arena

To: Sacramento

N

1739+60	23'0/s 48"	Beg Bore
1740+20	17'0/s 69"	Bore
1740+80	12'0/s 116"	Bore
1741+40	2'0/s 114"	Bore
1742+00	4'0/s 121"	Bore
1742+60	15'0/s 123"	Bore
1743+00	MATCH LINE	
1743+20	27'0/s 108"	Bore
1743+50	34'0/s 48"	End Bore



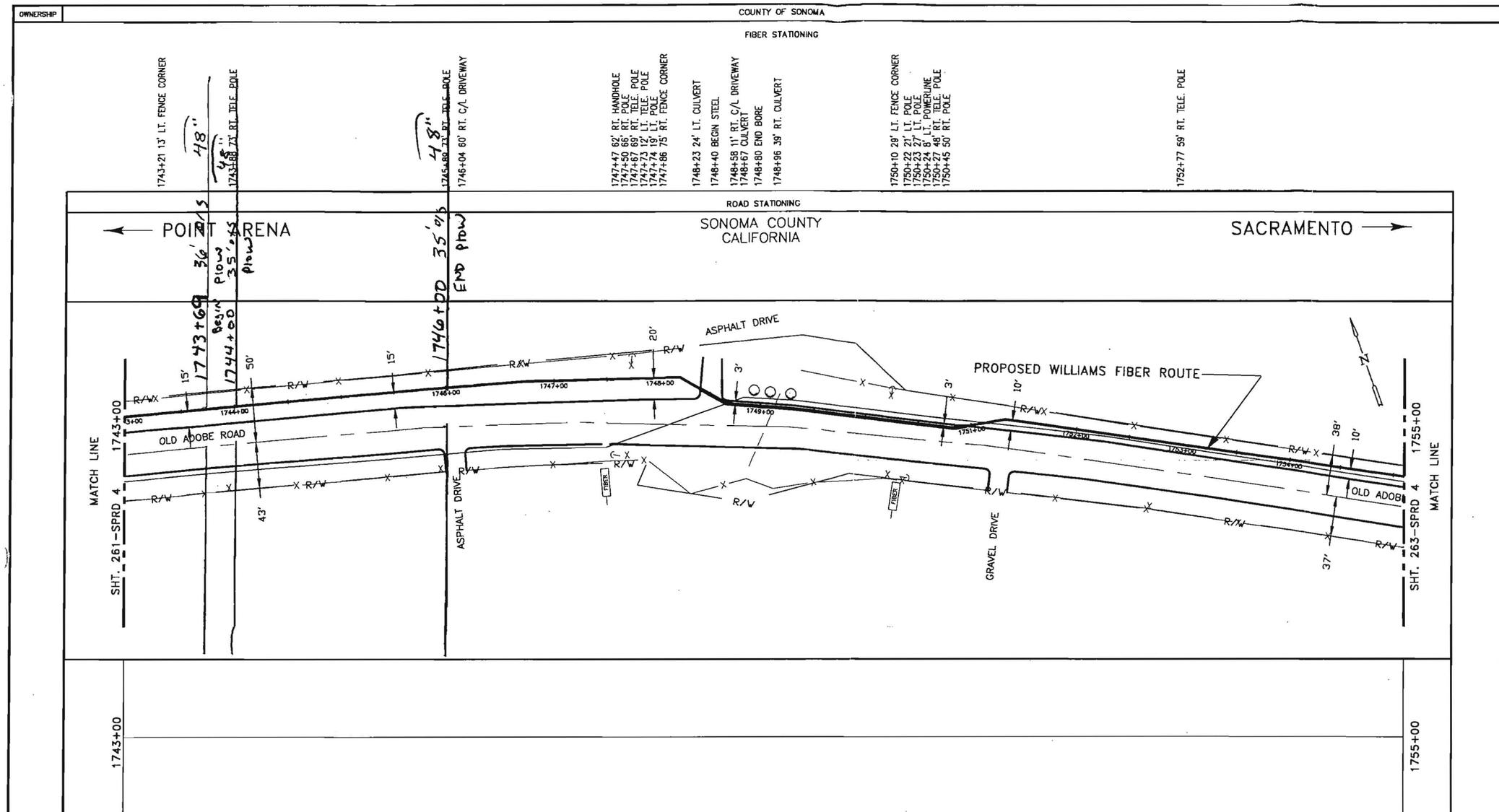
Notes: 2-1½ HDPE Orange, Blue
1-¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: JebSincraugh



LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) : 1"=100'	
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER : SACR-262-SPRD 4	

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

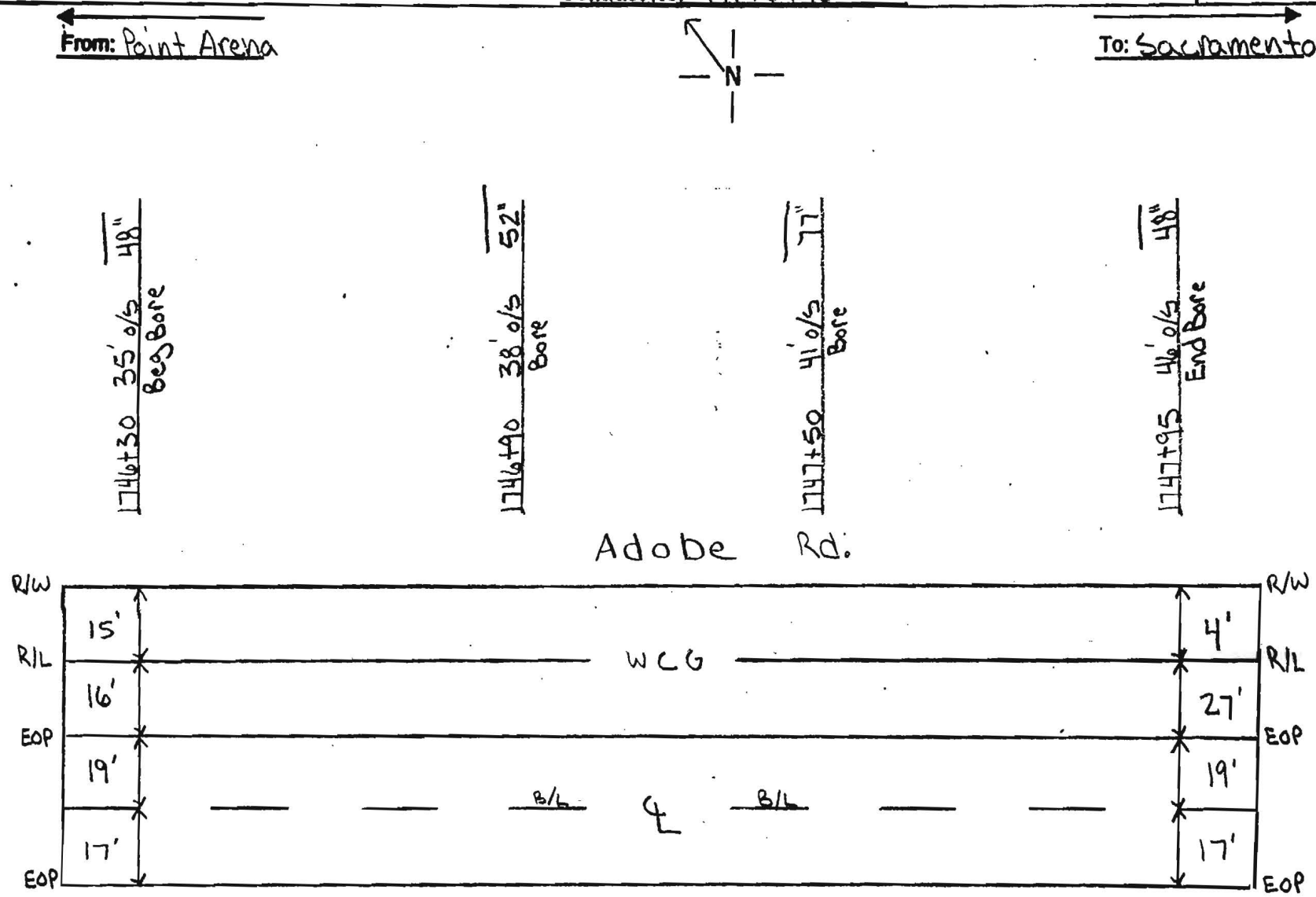
3-14-01
JR Smith

Williams Construc[illegible]s-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: [illegible]
Page No. 1
Drawing #: Sacr-262-4

From: Point Arena
To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams

Williams Construc[illegible]s-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

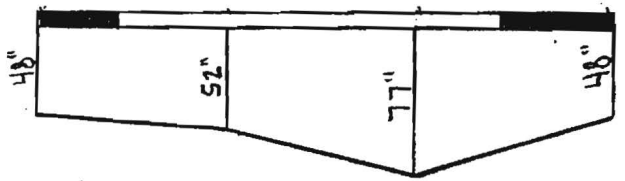
Date: [illegible]
Page No. 2
Drawing #: SoCS-262-4

From: Point Arena

To: Sacramento

N

1746+30	1746+90	1747+50	1747+95
35'0/S	38'0/S	41'0/S	46'0/S
48"	52"	77"	48"
Beg Bore	Bore	Bore	End Bore



Notes: 2-1½ HDPE orange, Blue
1-1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sincraugh

Williams

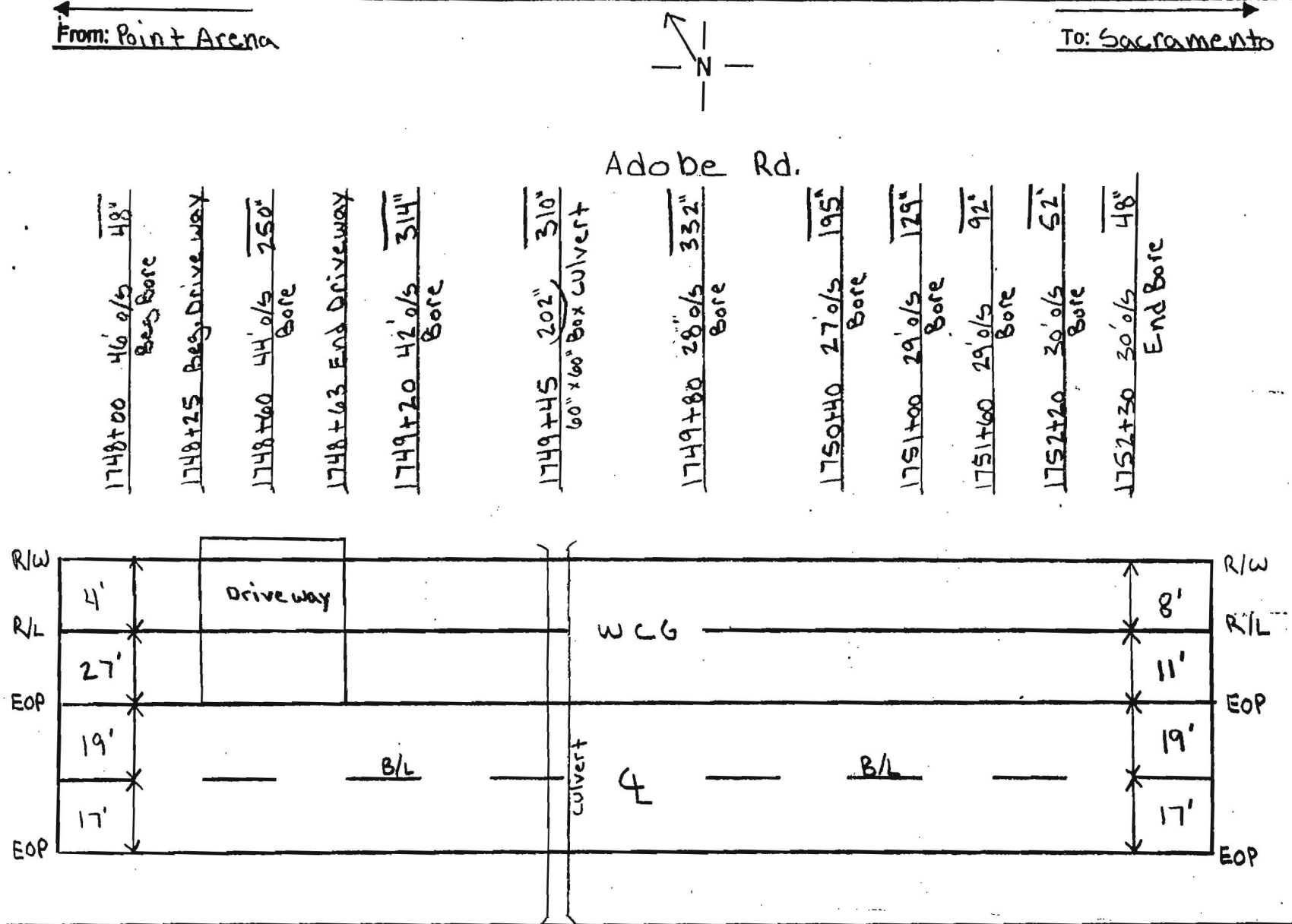
Williams Constru[illegible] As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: [illegible]
Page No. [illegible]
Drawing #: Sacr-262-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams

Williams Constru As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

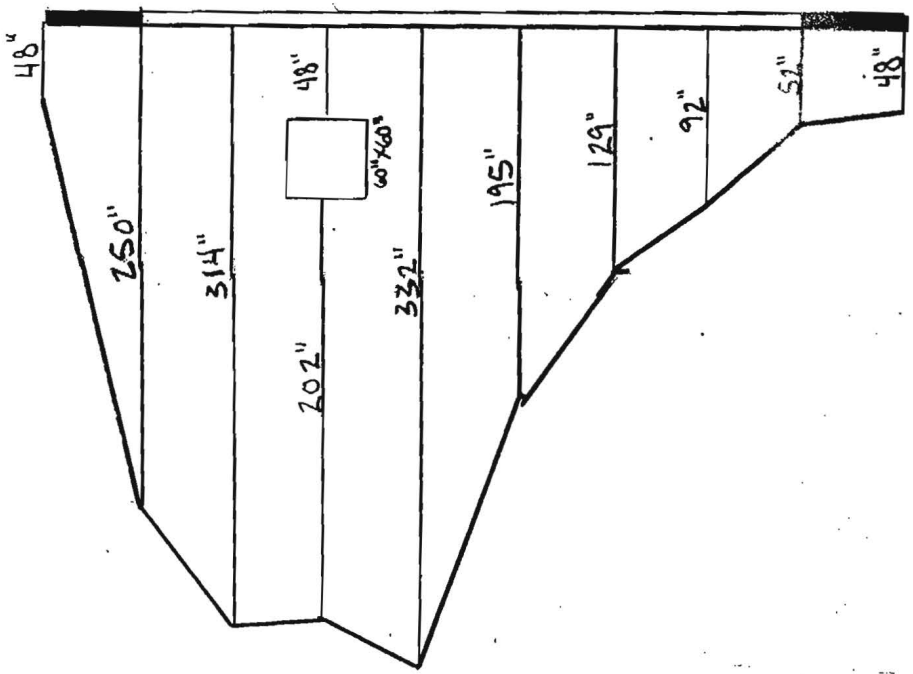
Date: 5-
Page No. 2
Drawing #: SacS-262-4

From: Point Arena

To: Sacramento

N

1748+00	1748+60	1749+20	1749+45	1749+80	1750+40	1751+00	1751+60	1752+20	1752+30
46'o/s	44'o/s	42'o/s	202"	28'o/s	27'o/s	29'o/s	29'o/s	30'o/s	30'o/s
48"	250"	314"	310"	332"	195"	129"	92"	52"	48"
Beg Bore	Bore	Bore	60"x60" Box Culvert	Bore	Bore	Bore	Bore	Bore	End Bore



Notes: 2 - 1½ HDPE orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1752+60	31	48		BEGIN PLOW
1754+00	31	48		
MATCHLINE				

DATE:	CONTRACTOR:
COUNTY:	INSPECTOR:
ALIGN. SHT. #	PROJECT:

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

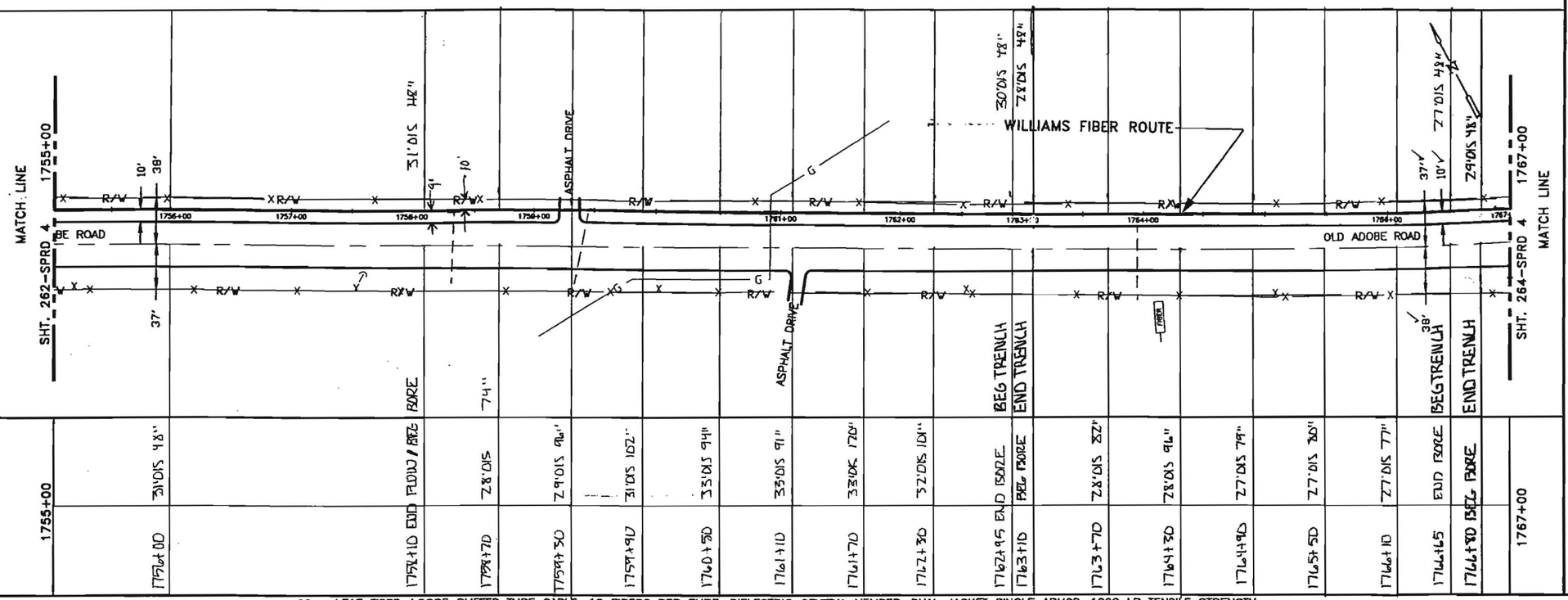
1755+20 81' RT. TELE. POLE
1757+53 62' RT. TELE. POLE
1757+58 52' RT. POLE
1758+HD SPLICE AH 31'0/S 48"
1758+30 58' RT. CULVERT
1758+54 8' LT. FENCE CORNER
1759+15 8' LT. FENCE CORNER
1759+29 4' RT. C/L DRIVEWAY
1759+43 7' LT. FENCE CORNER
1759+45 5' RT. CULVERT
1759+48 4' RT. CULVERT
1760+04 63' RT. TELE. POLE
1760+91 GAS LINE
1760+94 64' RT. FENCE CORNER
1761+28 63' RT. FENCE CORNER
1762+53 60' RT. TELE. POLE
1763+HD SPLICE AH 29'0/S 49"
1763+94 4' RT. CULVERT
1763+94 69' RT. CULVERT
1763+95 5' RT. CULVERT
1765+05 66' RT. FENCE CORNER
1765+08 63' RT. TELE. POLE
1767+HD SPLICE AH 29'0/S 48"

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



1755+00											
	31'0/S 48"	28'0/S	29'0/S 96"	31'0/S 102"	33'0/S 94"	33'0/S 91"	33'0/S 170'	32'0/S 104"	BEG FIBER	28'0/S 82"	28'0/S 96"
1755+HD	FLOW / FIBER	74"							END FIBER		
1757+HD	1757+70	1758+70	1759+30	1759+90	1760+50	1761+10	1761+70	1762+30	1762+95 END FIBER	1763+10	1763+70

	27'0/S 79"	27'0/S 80"	27'0/S 77"	BEG TRENCH	END TRENCH						
	END FIBER	BEG FIBER									
1764+65	1764+90	1765+50	1766+10	1766+65	1766+80	1767+00					

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

1755+00		1758+10	1758+28	1758+90	1760+87	1760+99	1762+95	1763+10	1766+55	1766+80
1758+10		1758+28	1758+90	1760+87	1760+99	1762+99	1763+10	1766+55	1766+80	1767+00
310'		18'	172'	247'	12'	196'	15'	349'	25'	20'
1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 17_18_00 TIDWELL		1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1_31_01 TIDWELL	1.11 83.21 2-1.5" HDPE 1-1.25" HDPE J SINCRAUGH 1.31.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE J SINCRAUGH 1_31_01 TIDWELL	1.11 83.21 2-1.5" HDPE 1-1.25" HDPE J SINCRAUGH 1_31_01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE J SINCRAUGH 1_31_01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE J SINCRAUGH 1.31.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1_29_01 TIDWELL 6GA TRACER WIRE J. SINCRAUGH 6.15.01 IN BLACK 1.25" HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 1.31.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 17_19_00 WEST COAST PIPELINE

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- OR Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or Wht. Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-263-SPRD 4

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
MATCHLINE				
1756+00	21'	48"		FLOW
1758+10	31'	48"		END FLOW

DATE:	CONTRACTOR:
COUNTY:	INSPECTOR:
ALIGN. SHT. #	PROJECT:

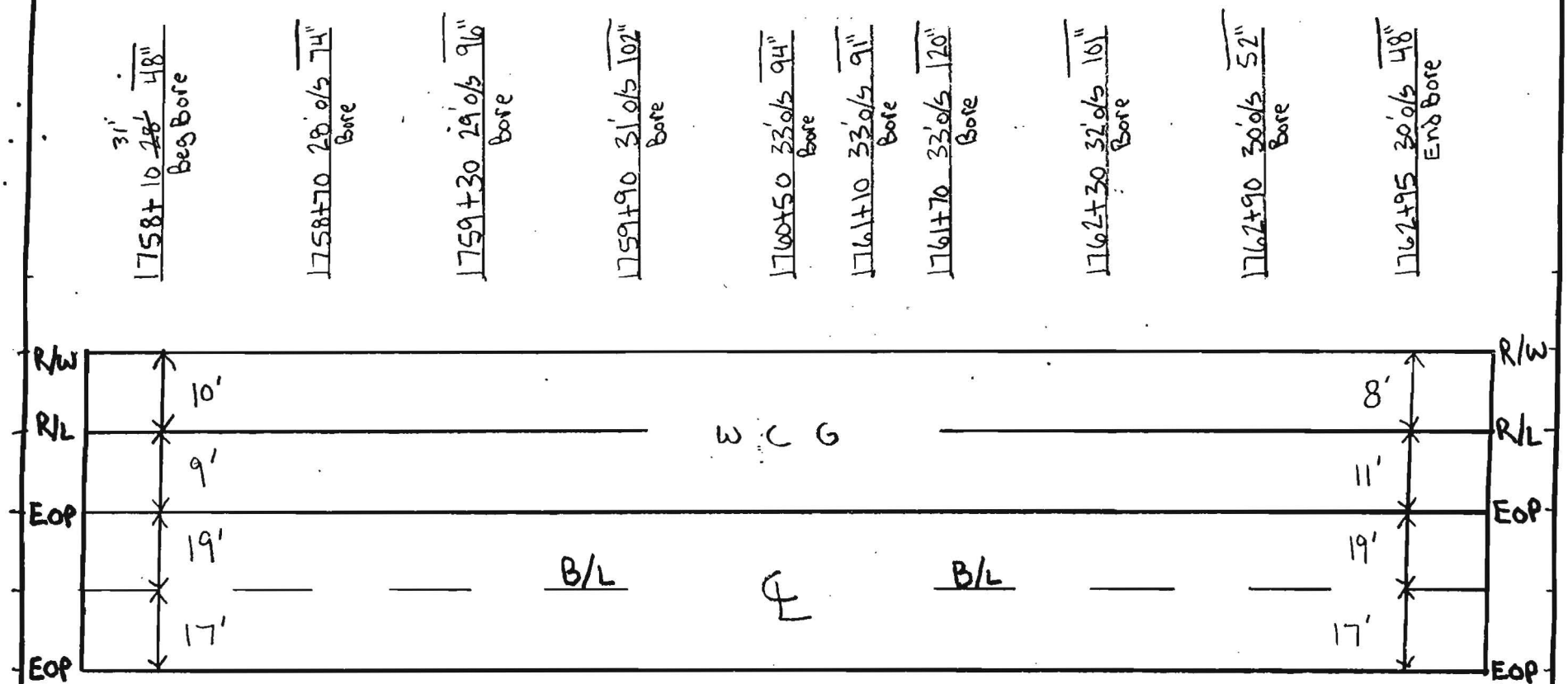
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-[illegible]
Page No. [illegible]
Drawing #: Sacr-263-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construc[illegible] s-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

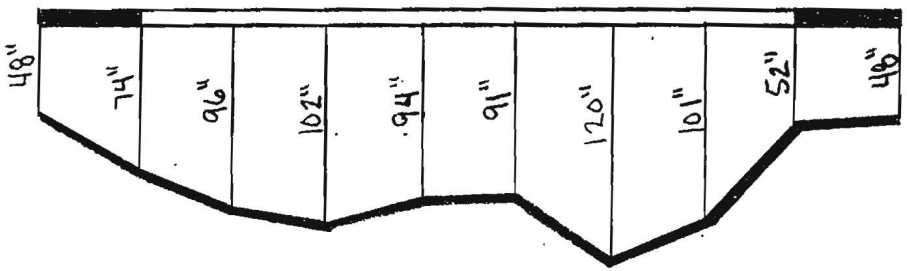
Date: 1-51[illegible]
Page No. 2
Drawing #: Socs-263-4

From: Point Arena

N

To: Sacramento

1758+10	28'0/s	48" Beg Bore
1758+70	28'0/s	74" Bore
1759+30	29'0/s	96" Bore
1759+90	31'0/s	102" Bore
1760+50	33'0/s	94" Bore
1761+10	33'0/s	91" Bore
1761+70	33'0/s	120" Bore
1762+30	32'0/s	101" Bore
1762+90	30'0/s	52" Bore
1762+95	30'0/s	48" End Bore



Notes: 2- 1½ HDPE Orange, Blue
1- 1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sincraugh

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-[illegible]01
Page No. 1
Drawing #: Sacr-263-4

From: Point Arena

N

To: Sacramento

1763+10 28'0/5 48" Beg Bore

1763+70 28'0/5 82" Bore

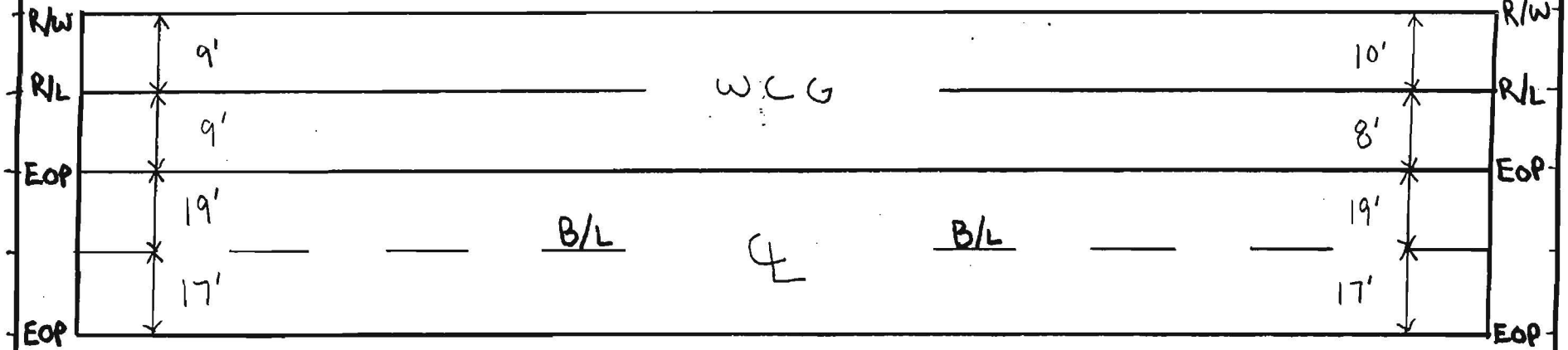
1764+30 28'0/5 96" Bore

1764+90 27'0/5 79" Bore

1765+50 27'0/5 80" Bore

1766+10 27'0/5 77" Bore

1766+55 27'0/5 48" End Bore



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black		County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: Jeb Sincraugh

Williams

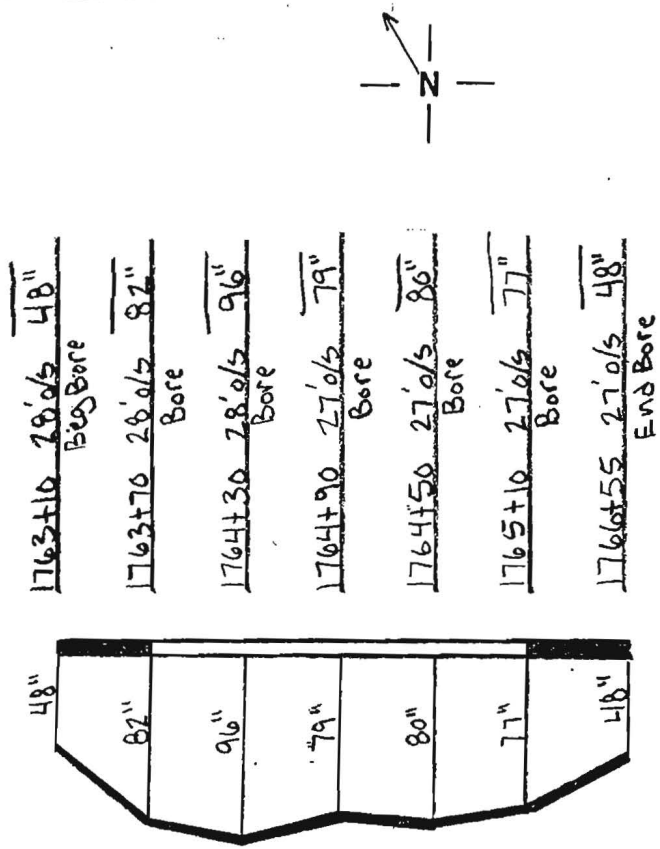
Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]anta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-2[illegible]
Page No. 2[illegible]
Drawing #: Sacr-263-4

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams

Williams Construct[illegible] s-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

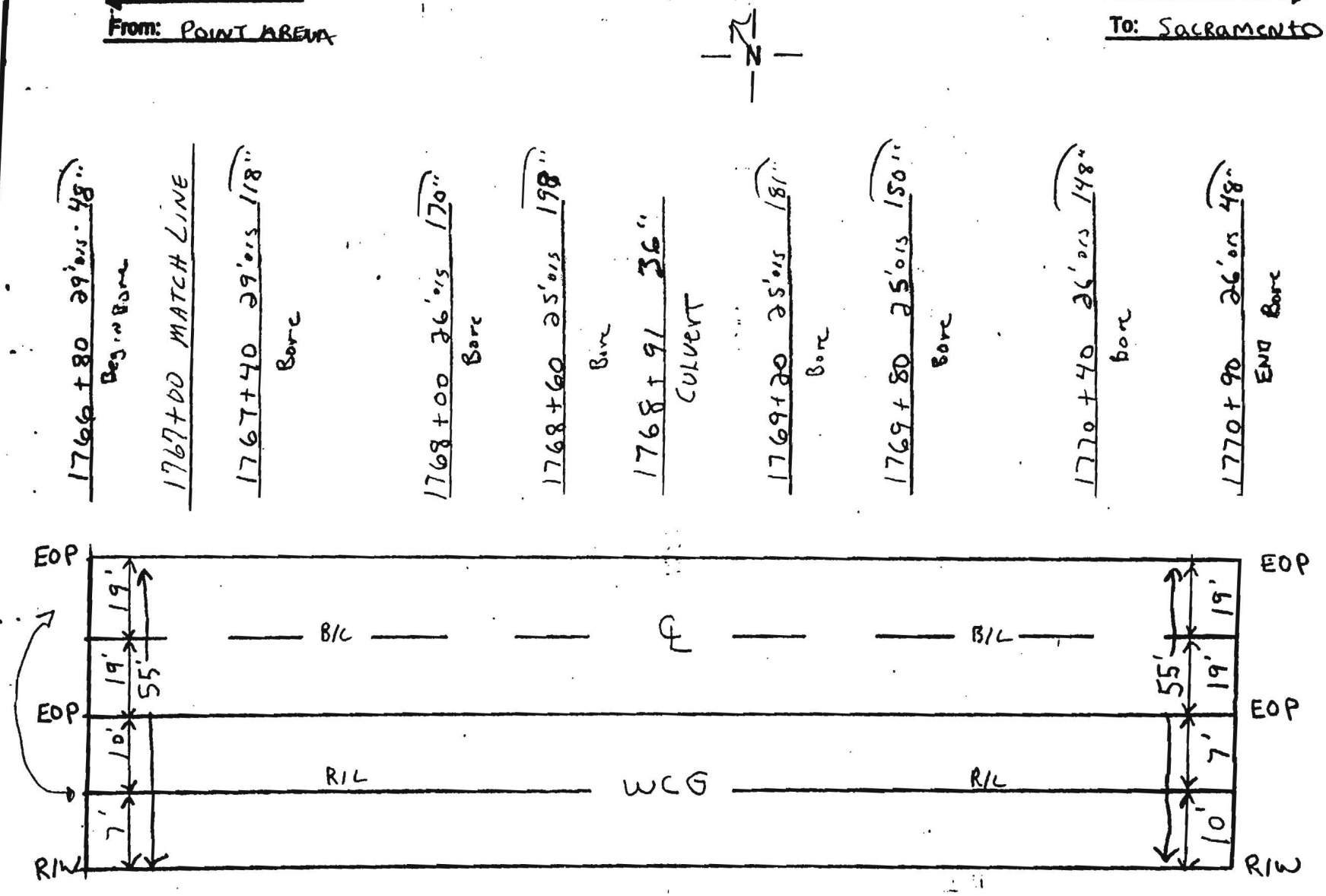
Contract No. 99P154.16

Page No. 1

Drawing #: SACR 263-264

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE orange, Blue	Sonoma	Tidwell/West Coast
	Duct Configuration:	Inspector:

Williams

Williams Constructi[illegible] -Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

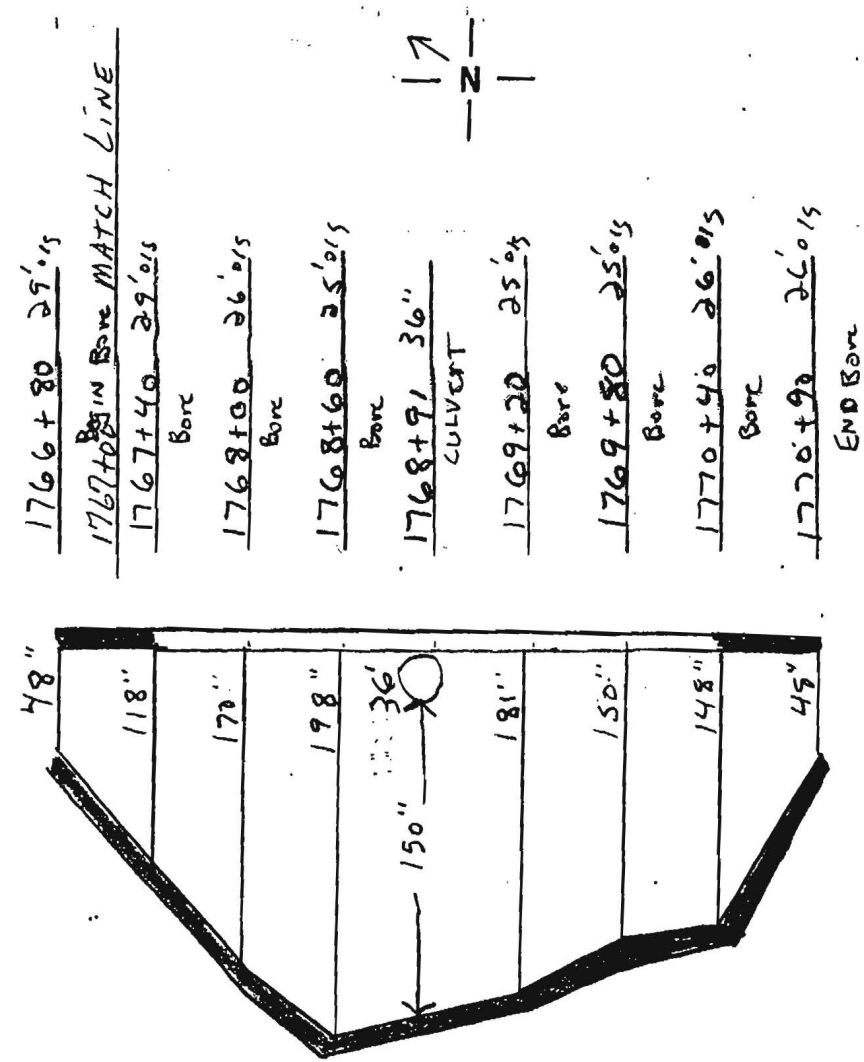
Contract No. 99P154.16

Page No. 2 of [illegible]

Drawing #: SACR 263-284

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell / West Coast
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMHS

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

1767+41 5' RT. C/L DRIVEWAY
1767+53 7' LT. FENCE CORNER
1767+70 68' RT. TELE. POLE
1768+78 61' RT. HEADWALL
1768+89 62' RT. HEADWALL
1769+91 CULVERT
1770+08 85' RT. TELE. POLE
1770+11 78' RT. POLE
1770+24 66' RT. POLE
1770+38 7' LT. FENCE CORNER
1770+60 4' RT. C/L HAMILTON RD
1770+63 6' LT. FENCE CORNER
1770+84 1' RT. CULVERT
1770+86 6' RT. CULVERT
1772+85 72' RT. POWER POLE
1773+37 43' RT. CULVERT
1774+09 12' LT. FENCE CORNER
1774+28 DRIVEWAY
1775+37 54' RT. CULVERT
1775+38 41' RT. CULVERT
1775+63 66' RT. TELE. POLE
1776+16 CULVERT
1776+16 66' RT. CULVERT
1777+89 14' LT. FENCE CORNER
1778+01 60' RT. POLE
1778+19 48' RT. POLE
1778+20 58' RT. TELE. POLE
1778+41 C/L DRIVEWAY
1778+48 15' LT. FENCE CORNER

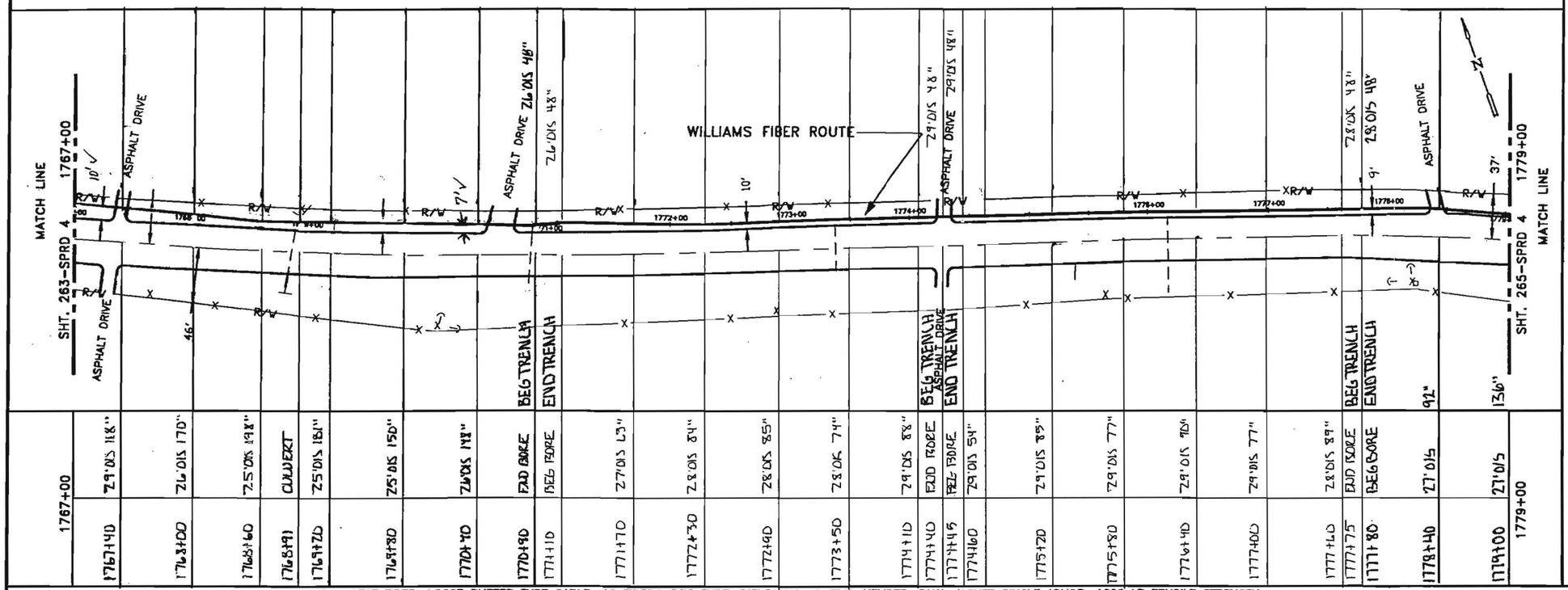
#1 1770+60 SPLICE AT 26°05'48"
#2 1774+69 SPLICE AT 29°05'48"
1777+77 SPLICE AT 28°05'48"

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



1767+00	29°05'48"	1767+40
1767+40	26°05'17"	1768+00
1768+00	25°05'49"	1768+40
1768+40	CULVERT	1768+91
1768+91	25°05'18"	1769+20
1769+20	25°05'15"	1769+80
1769+80	25°05'19"	1770+40
1770+40	END BORE	1770+90
1770+90	BEG TRENCH	1771+10
1771+10	27°05'43"	1771+70
1771+70	28°05'43"	1772+30
1772+30	28°05'45"	1772+90
1772+90	28°05'47"	1773+50
1773+50	29°05'48"	1774+11
1774+11	END BORE	1774+40
1774+40	BEG TRENCH	1774+46
1774+46	29°05'54"	1774+60
1774+60	END BORE	1775+20
1775+20	29°05'45"	1775+80
1775+80	29°05'47"	1776+40
1776+40	29°05'46"	1777+00
1777+00	29°05'47"	1777+60
1777+60	28°05'49"	1777+75
1777+75	END BORE	1777+80
1777+80	BEG TRENCH	1778+40
1778+40	27°01'45"	1779+00
1779+00	27°01'45"	1779+00

96 - LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

1767+00	1770+90		1771+10	1774+40	1774+45	1777+75	1777+80
1770+90	1771+10		1774+40	1774+45	1777+75	1777+80	1779+00
390'	20'		330'	5'	330'	5'	120'
1.11	1.11		1.11	1.11	1.11	1.11	1.11
2-1.5" HDPE	2-1.5" HDPE		2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5 HDPE
1-1.25" HDPE	1-1.25" HDPE		1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE
J.R.SMITS	JEB SINCRAUGH		JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH	JEB SINCRAUGH	SINCRAUGH
12.19.00	2.1.01		2.1.01	2.1.01	2.1.01	2.28.01	2.28.01
WEST COAST P-LINE	TIDWELL		TIDWELL	TIDWELL	TIDWELL	TIDWELL	TIDWELL
				6GATRACERWIRE			
				J. SINCRAUGH 6.15.01 IN BLACK 1.25" HDPE			

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

Interstate Hwy.
U.S. Hwy.
State Hwy.
County Road
RR Mile Mar.
Misc. Road Sign
New Fiber Cable
Township Line
City Limits
R/W Line
River/Stream
CL Road
CL RR Tracks
Fence
Oil Pipeline
Gas Pipeline
Power Line
Water Line
San. Sewer
Storm Drain
Telephone Line
B.I.P. Black Iron Pipe
G.I.P. Galvanized Iron Pipe
EP Edge of Pavement
EG Edge of Gravel
FC Face of Curb
FL Fog Line and/or White Line

Regen Site
P.O.P./Jct.
Handhole Splice
Handhole
Manhole Splice
Manhole
SS Manhole
Power Pole
Water Valve / Meter
Gas Valve / Meter
Signal Pole
Fire Hydrant
Gas Marker
Oil Marker
Fiber Marker
Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS — CABLE DESCRIPTION
CABLE REEL NO.
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH
INNERDUCT & TYPE (CORR/SMOOTH/COLOR) — PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE
PVC
FUTURE-2 — FUTURE UNIT PLACE
FUTURE-3
FUTURE-4

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	

DRAWING NUMBER : SACR-264-SPRD 4

Williams

Williams Constructi[illegible] S-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

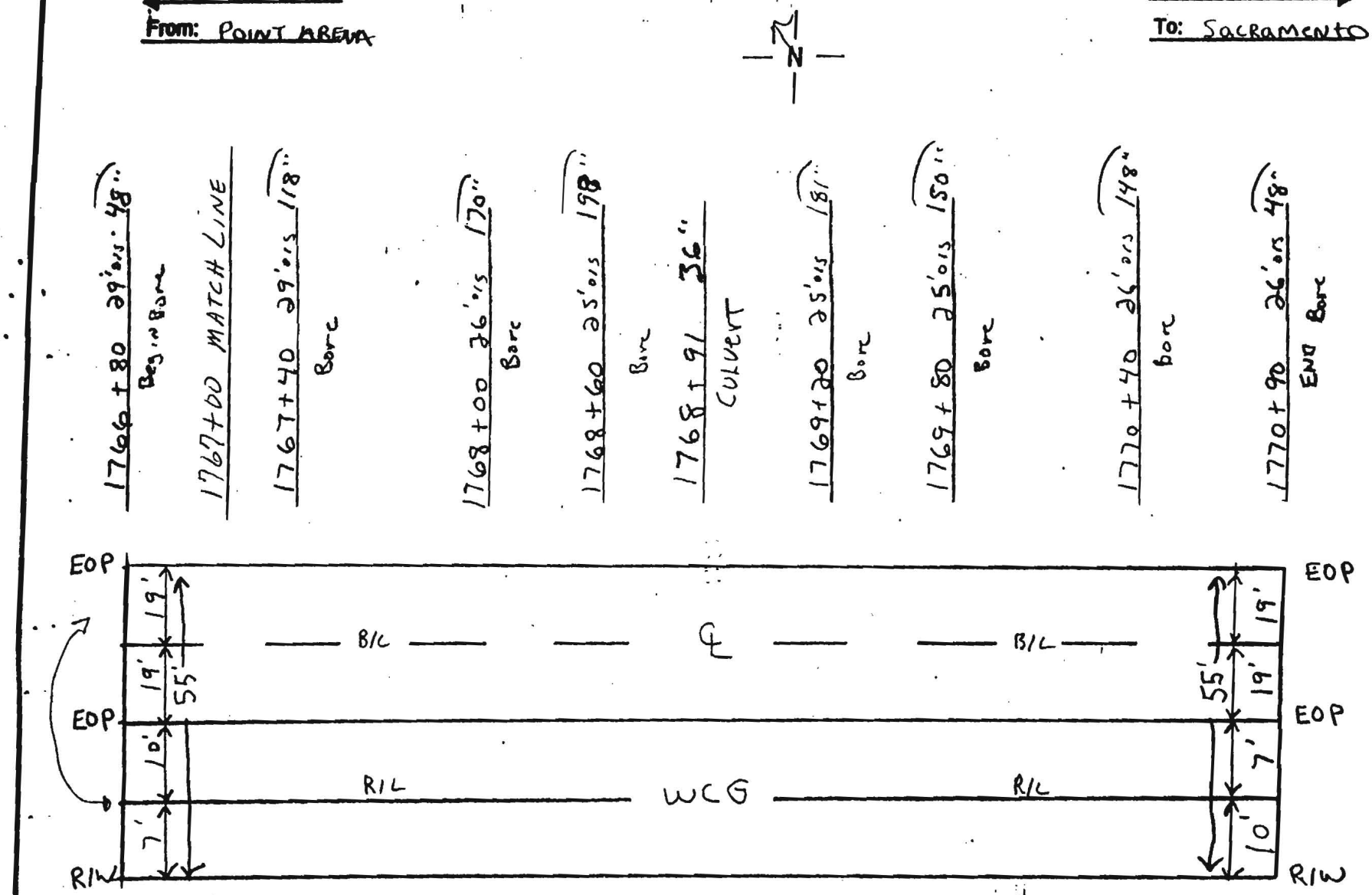
Contract No. 99P154.16

Page No. 1 of [illegible]

Drawing #: SACR 263-264

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE orange, Blue	Sonoma	Tidwell/west coast
	Duct Configuration:	Inspector: JR SMITS

Williams

Williams Constructi[illegible] -Built Documentation

Spread Location:

Spread N[illegible] South 4B

AFE No. 4875

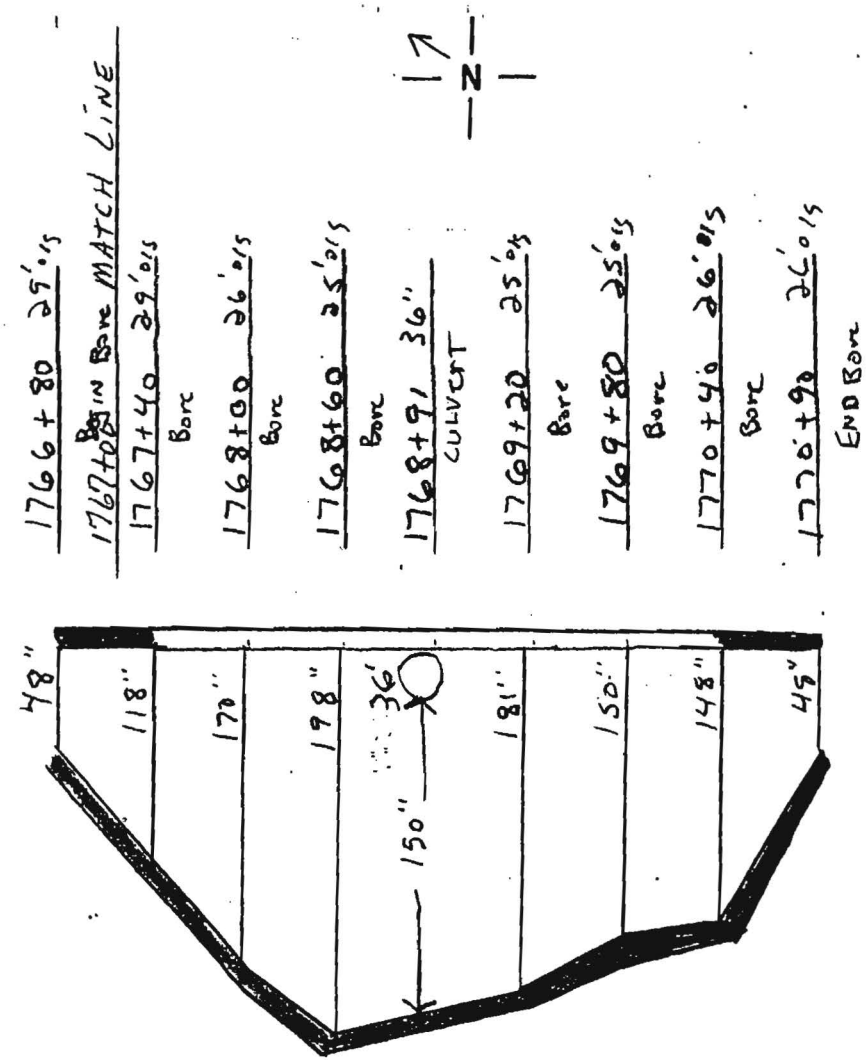
Contract No. 99P154.16

Page No. 2 of [illegible]

Drawing #: SACR 263-264

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	T. dwell / west coast
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMHS

Williams Construc[redacted] As-Built Documentation

Spread Location: [redacted]nta Rosa

Spread No. South 4B

AFE No. 4875

Contract No. 99P 54.16

Date: [redacted]

Page No. [redacted]

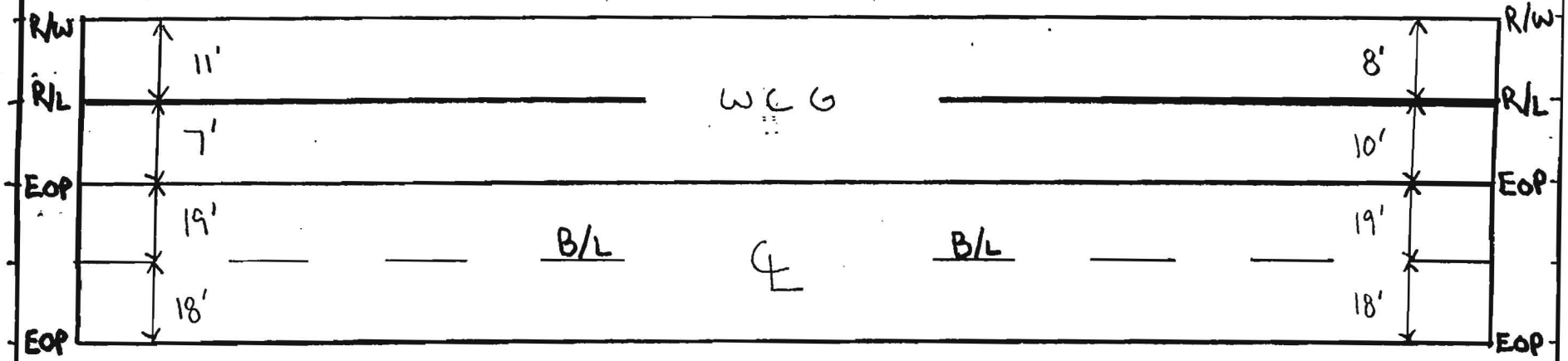
Drawing #: Sacr-264-4

From: Point Arena

To: Sacramento

N

1771+10	1771+70	1772+30	1772+90	1773+50	1774+10	1774+40
260'@ 48" Bore	270'@ 63" Bore	280'@ 84" Bore	280'@ 85" Bore	280'@ 74" Bore	290'@ 88" Bore	290'@ 48" End Bore



Notes: 2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construc[illegible] ls-Built Documentation

Spread Location: anta Rosa

Spread No. South 4B

AFE No. 4875

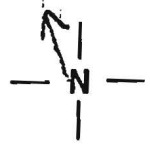
Contract No. 99P154.16

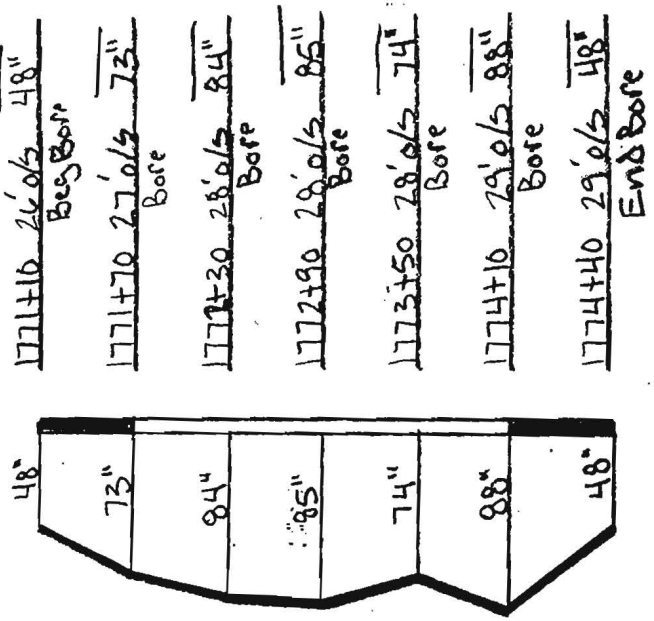
Page No. 2

Drawing #: SacR-264-4

From: Point Arena

To: Sacramento





Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

Williams

Williams Construc[illegible] As-Built Documentation

Spread Locatio[illegible] Santa Rosa

Spread No. South 4B

AFE No. 4875

Contract No. 99P154016

Date: [illegible]

Page No. 1

Drawing #: Sacr-264-4

From: Point Arena

To: Sacramento

N

1774+45 29'0/s 48" Beg Bore

1774+60 29'0/s 54" Bore

1775+20 29'0/s 85" Bore

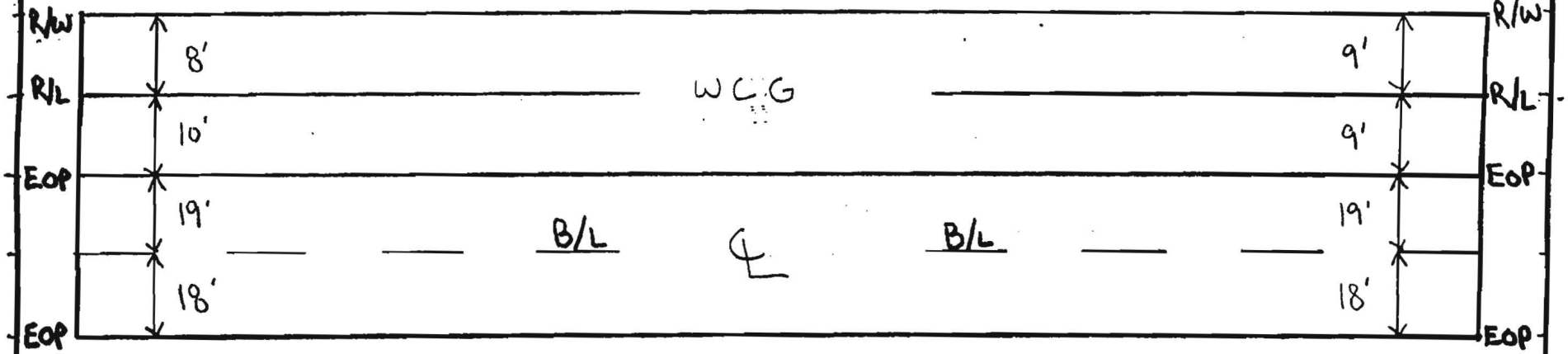
1775+80 29'0/s 77" Bore

1776+40 29'0/s 90" Bore

1777+00 29'0/s 77" Bore

1777+60 28'0/s 85" Bore

1777+75 18'0/s 48" End Bore



Notes: 2 - 1½ HDPE Orange, Blue 1 - ¼ HDPE Black		County: Sonoma	Contractor: Tidwell
		Duct Configuration:	Inspector: Jeb Sincraugh

Williams

Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]ntaRosa

Spread No. South4B

AFE No. 4875

Contract No. 99P154016

Date: 6-1

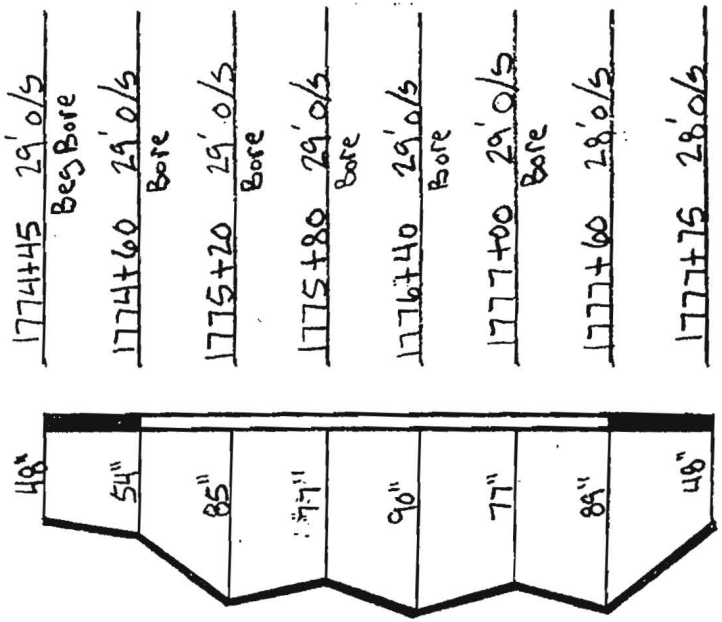
Page No. 2

Drawing #: Sous-264-4

From: Point Arena

N

To: Sacramento



Notes: 2-1½ HDPE orange, Blue 1-1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: JebSincraugh

Williams

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. 4B
AFE No. 4875
Contract No. 99P54.16

Date:
Page No. 1
Drawing #: Sacs-264, 265

From: Point Arena

N

To: Sacramento

1777+80 28'o/s 48" Beg Bore

1778+40 27'o/s 92" Bore

1779+00 27'o/s 136" Bore (match Line)

1779+58 160" 24" culvert

1779+60 26'o/s 159" Bore

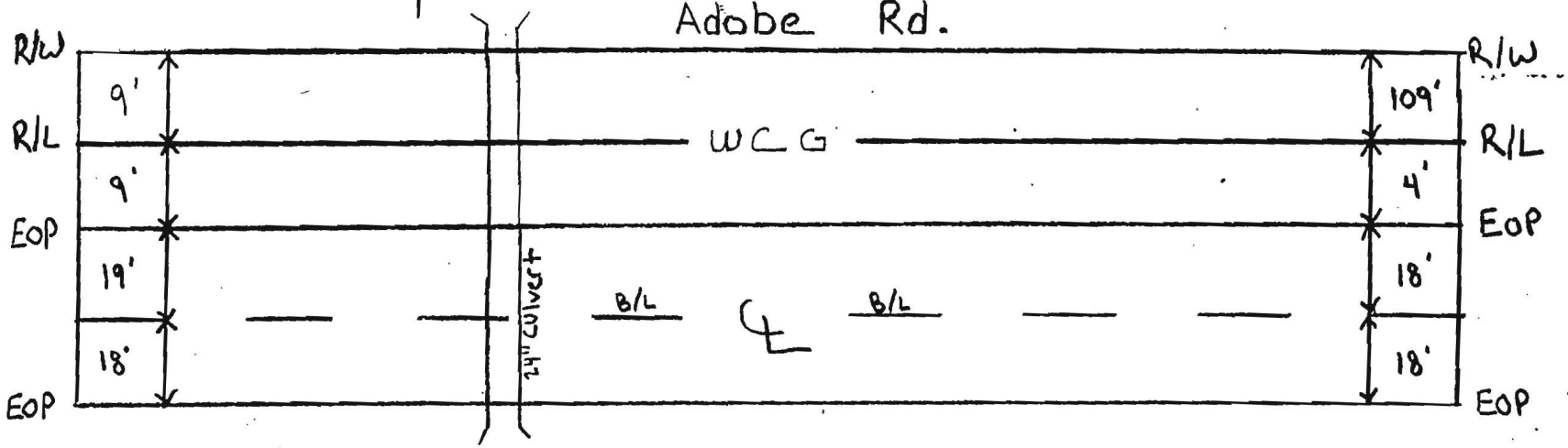
1780+20 25'o/s 147" Bore

1780+80 24'o/s 180" Bore

1781+40 24'o/s 170" Bore

1782+00 25'o/s 162" Bore

1782+60 22'o/s 48" End Bore



Notes: 2-1½ HDPE orange, Blue
1-1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

Williams

Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. 4B
AFE No. 4875
Contract No. 99P154.16

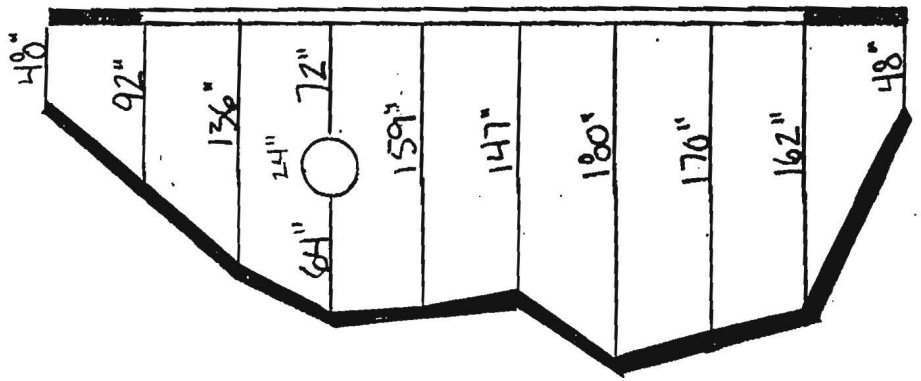
Date: [illegible]
Page No. 2
Drawing #: Sacr-264, 265

From: Point Arena

To: Sacramento

N

1777+80 28'0/s 48" Beg Bore
1778+40 27'0/s 92" Bore
1779+00 27'0/s 136" Bore
MATCH LINE
1779+58 160" 24" Culvert
1779+60 26'0/s 159" Bore
1780+20 25'0/s 147" Bore
1780+80 24'0/s 180" Bore
1781+40 24'0/s 170" Bore
1782+00 25'0/s 162" Bore
1782+60 22'0/s 48" End Bore



Notes: 2 - 1½ HDPE orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sincrough

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

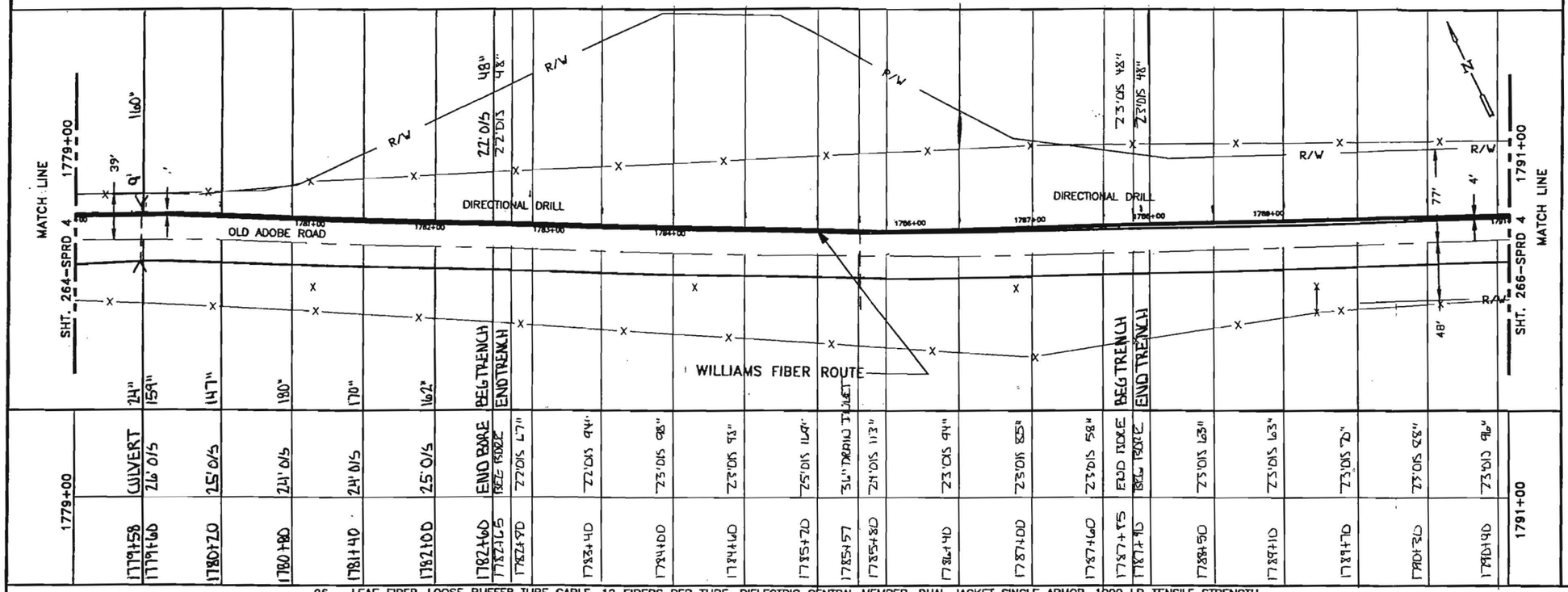
1779+12 15' LT. FENCE CORNER
1779+57 2' LT. CULVERT
1781+04 57' RT. TELE. POLE
1782+63 SPLICE ATT 22'0/S 48"
1784+22 46' RT. UTIL POLE
1785+58 CULVERT
1786+88 49' RT. TELE. POLE
1787+84 SPLICE ATT 23'0/S 48"
1789+39 54' RT. TELE. POLE

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1–1.5" ID HDPE, 1–1.5" ID HDPE (SPARE), 1–1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK 1-1.5" HDPE BLUE 1-1.5" HDPE ORANGE

1779+00 to 1782+60	1782+60 to 1782+65	1782+65 to 1787+85	1787+85 to 1787+90	1787+90 to 1791+00
3'60'	5'	520'	5'	310'
1.11 & 3.21	1.11	1.11 & 3.21	1.11	1.11 & 3.21
2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE	2-1.5" HDPE
1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE	1-1.25" HDPE
JEB SINCRAUGH 2.28.01	JEB SINCRAUGH 2.28.01	JEB SINCRAUGH 2.19.01	JEB SINCRAUGH 2.28.01	JEB SINCRAUGH 2.6.01
TIDWELL	TIDWELL	TIDWELL		
		6GA TRACER WIRE		
		J. SINCRAUGH 6.15.01		
		IN BLACK 1.25" HDPE		

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- Ct. Road
- Ct. RR Tracks
- Fence
- OB Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1–800–582–9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1–888–945–2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1–800–227–2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION
- CABLE FIBER COUNT MFR. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
- INNERDUCT & TYPE (CORR/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE UNIT PLACE
- FUTURE–2
- FUTURE–3
- FUTURE–4

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR–265–SPRD 4

Williams

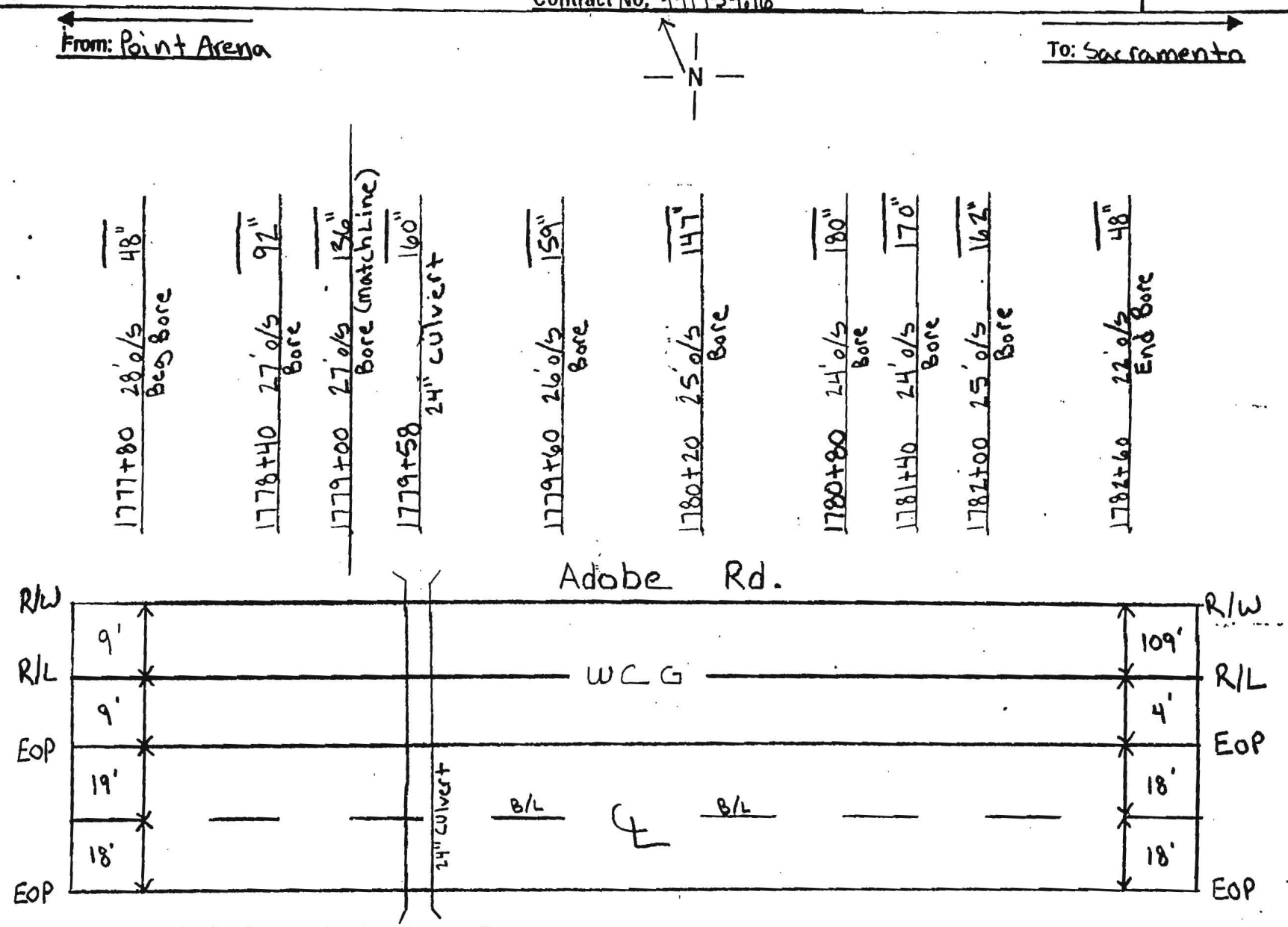
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. 4B
AFE No. 4875
Contract No. 99P154.16

Date: 2
Page No. 1
Drawing #: Sacr-264, 265

From: Point Arena

To: Sacramento



Notes: 2-1½ HDPE orange, Blue
1-1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

Williams

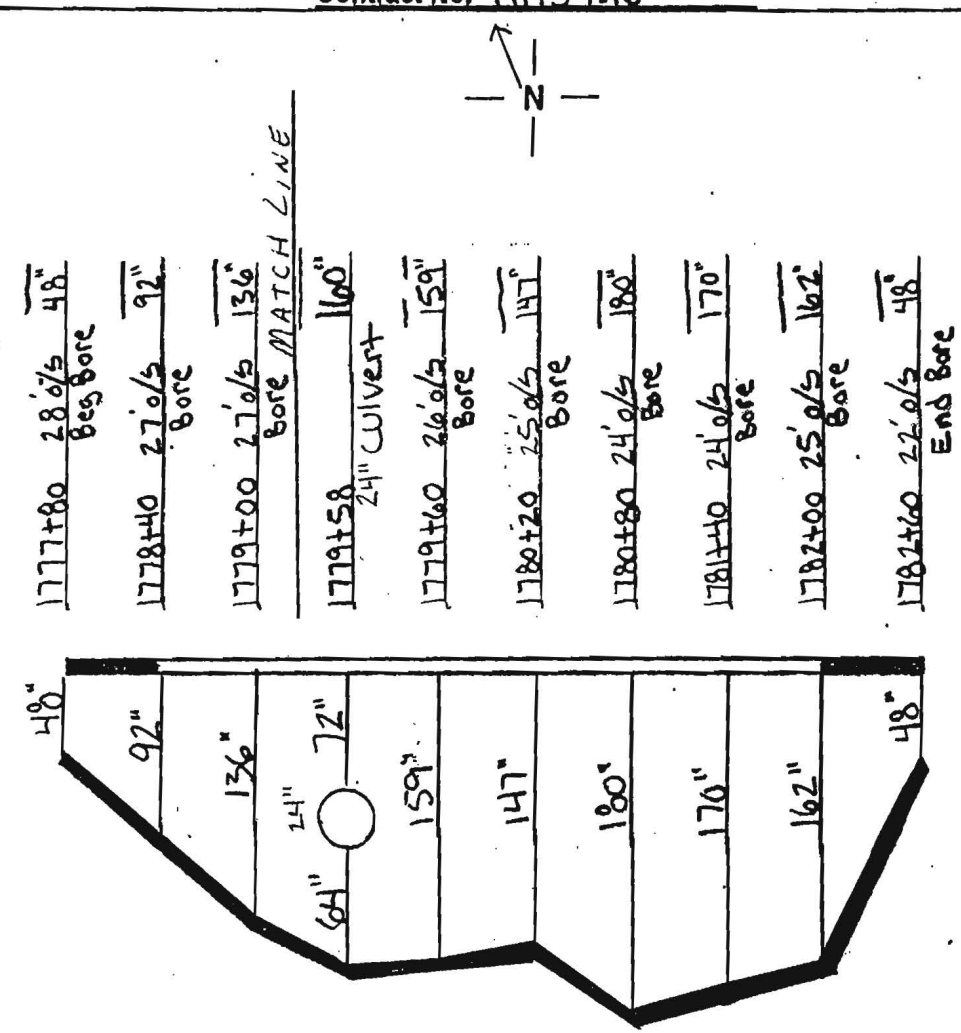
Williams Constru[illegible] As-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. 4B
AFE No. 4875
Contract No. 99P154.16

Date: [illegible]
Page No. 2[illegible]
Drawing #: Sacr-264, 265

From: Point Arena

To: Sacramento



Notes: 2 - 1½ HDPE Orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams

Williams Constru As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154,16

Date: 2-14
Page No. 1
Drawing #: Sacr-265-4

From: Point Arena

N

To: Sacramento

1782+65 22'o/s 48" Beg Bore

1782+80 22'o/s 67" Bore

1783+40 22'o/s 94" Bore

1784+00 23'o/s 98" Bore

1784+60 23'o/s 98" Bore

1785+20 25'o/s 169" Bore

1785+57 36" Drain Inlet

1785+80 24'o/s 113" Bore

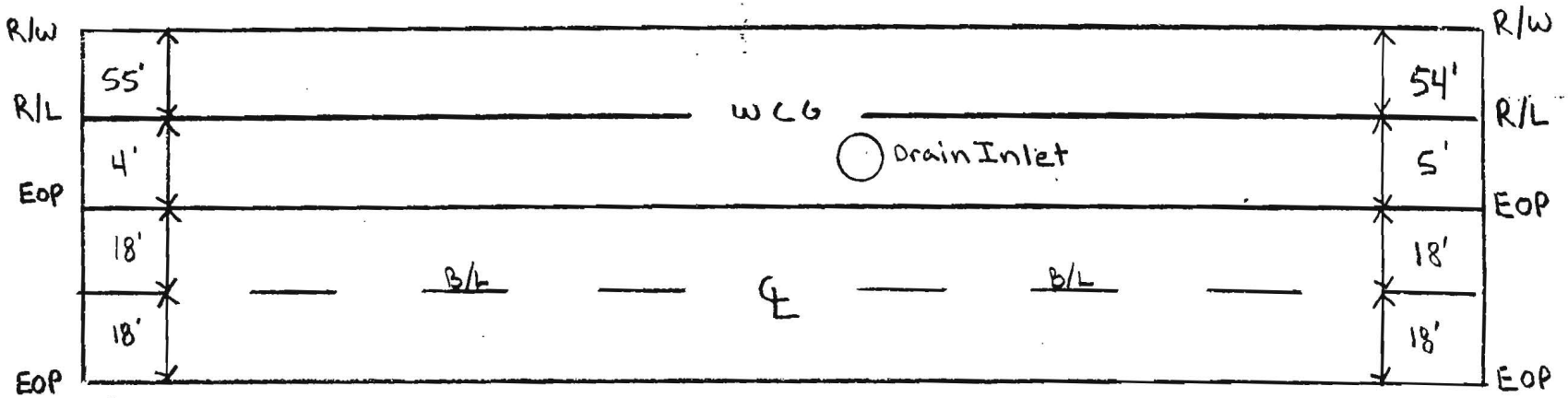
1786+40 23'o/s 94" Bore

1787+00 23'o/s 85" Bore

1787+60 23'o/s 58" Bore

1787+85 23'o/s 48" End Bore

Adobe R.d.



Notes: 2-1½ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sincraugh

Williams

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. 4B
AFE No. 4875
Contract No. 99P154.16

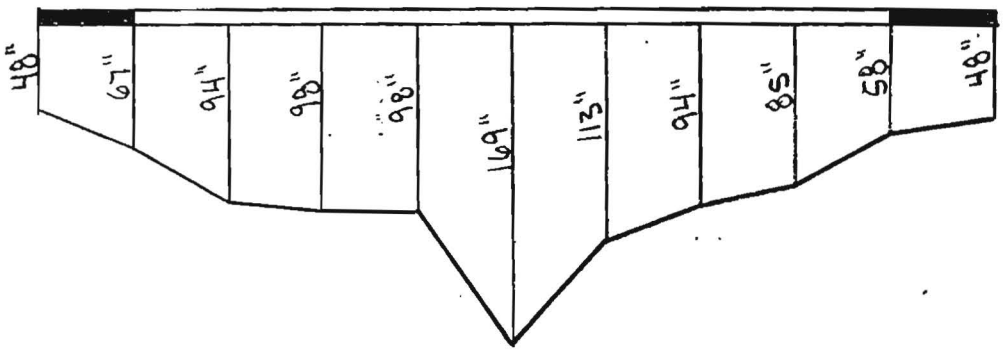
Date: 2-[illegible]
Page No. 2[illegible]
Drawing #: Sars-265-4

From: Point Arena

N

To: Sacramento

1782+65	1782+80	1783+40	1784+00	1784+60	1785+20	1785+80	1786+40	1787+00	1787+66	1787+85
22'0/s	22'0/s	22'0/s	23'0/s	23'0/s	25'0/s	24'0/s	23'0/s	23'0/s	23'0/s	23'0/s
48"	67"	94"	98"	98"	169"	113"	94"	85"	58"	48"
Beg Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	End Bore



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sincraugh

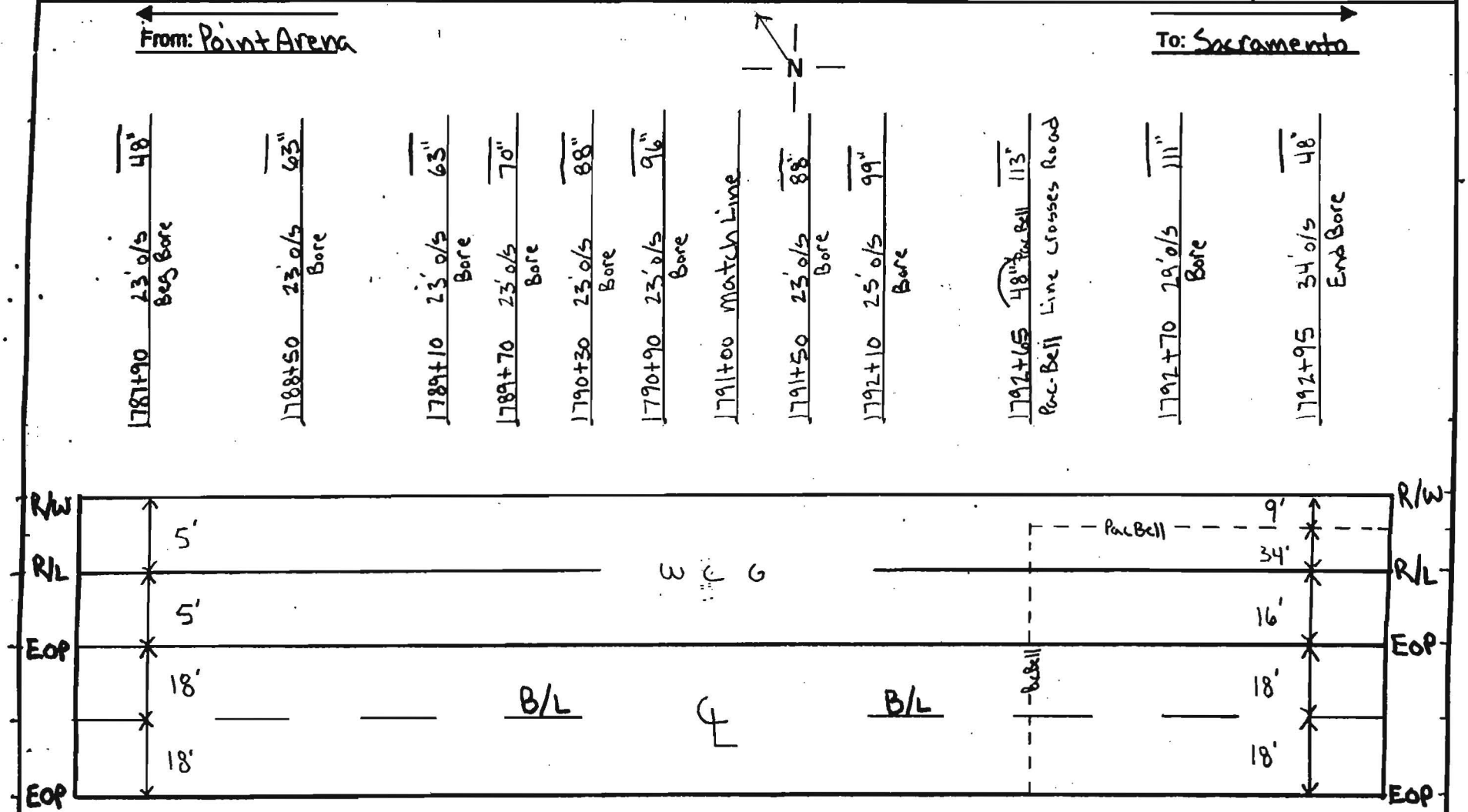
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: [illegible]
Page No. [illegible]
Drawing #: Sacr-265-266-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

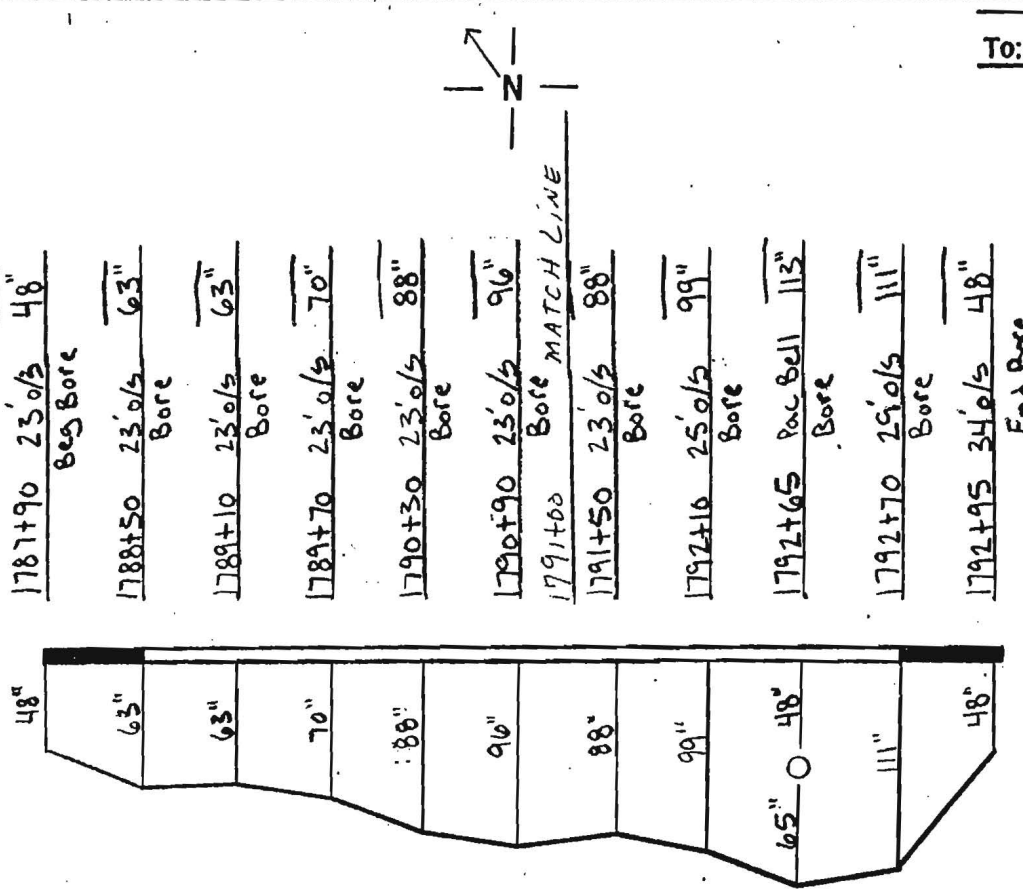
Williams Construc[illegible]s-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: [illegible]
Page No. 1
Drawing #: Socr-265-266-41

From: Point Arena

To: Sacramento



Notes: 2-1½ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

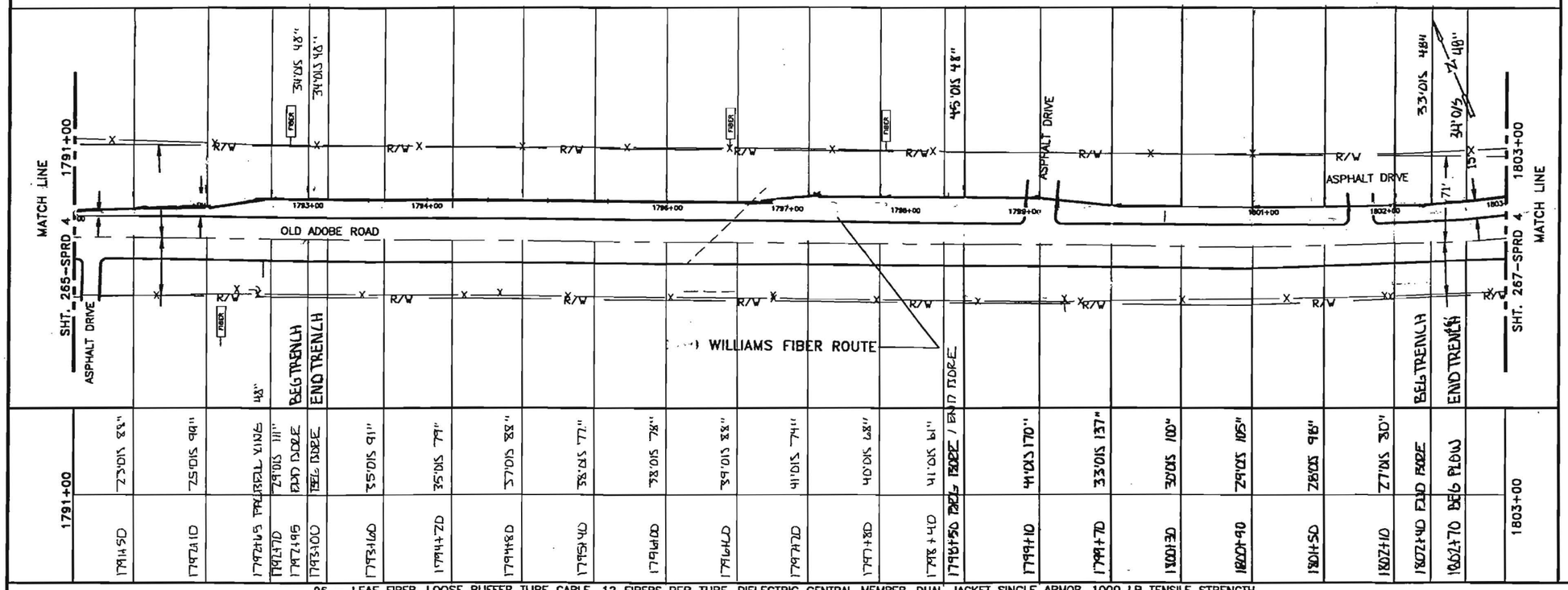
1792+41 75' RT. POLE
1792+46 43' LT. FENCE CORNER
1792+57 75' RT. POLE
1792+63 64' RT. CULVERT
1793+97 SPLICE A11 34'04"
1794+61 78' RT. TELE. POLE
1796+14 74' RT. CULVERT
1796+56 73' RT. CULVERT
1796+69 CULVERT
1796+74 END STEEL
1796+89 76' RT. UTIL. POLE
1798+50 SPLICE A11
1799+00 35' LT. CULVERT
1799+28 34' LT. CULVERT
1800+17 4' RT. CULVERT
1800+17 13' RT. CULVERT
1801+79 10' RT. C/L DRIVEWAY
1801+98 75' RT. TELE. POLE
1802+55 SPLICE A11 34'01"

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



1791+00	1791+95	1792+95	1793+00	1796+65	1796+75	1798+50	1802+40	1802+70	1803+00
23'01S 88"	1791+45D	1792+95	1793+00	1796+65	1796+75	1798+50	1802+40	1802+70	1803+00
25'01S 99"	1792+10	5'	365'	10'	175'	390'	30'	220'	
29'01S 111" EOD ADOBE	1792+95	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2.6.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JER SINCRAUGH 2.7.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2.5.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JEB SINCRAUGH 2.3.01 TIDWELL	6.GA TRACERWIRE J. SINCRAUGH 6.15.01 IN BLACK 1.25" HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 17.19.00 WEST COAST PIPELINE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 3.14.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 3.14.01 TIDWELL	
29'01S 111" EOD ADOBE	1792+65 PAGEBELL VINES								
35'01S 91" TREE DRIPE	1793+00								
35'01S 91"	1793+60								
35'01S 79"	1794+70								
37'01S 82"	1794+80								
38'01S 77"	1795+40								
38'01S 78"	1796+00								
39'01S 82"	1796+40								
41'01S 74"	1797+20								
40'01S 68"	1797+80								
41'01S 61"	1798+40								
44'01S 170"	1799+10								
33'01S 137"	1799+70								
30'01S 100"	1800+30								
29'01S 105"	1800+90								
28'01S 98"	1801+50								
27'01S 30"	1802+10								
1802+40 FLOOD ABODE									
1802+70 BEG PLOW									
1803+00									

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1–1.5" ID HDPE, 1–1.5" ID HDPE (SPARE), 1–1.25" ID HDPE (SPARE)

1-1.25" BLACK HDPE, 1-1.5" BLUE HDPE, 1-1.5" ORANGE HDPE

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Act.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1–800–582–9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1–888–945–2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1–800–227–2600

DRAWING DISCLAIMER

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/15

CABLE DESCRIPTION
- CABLE FIBER COUNT MFG. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
- INNERDUCT & TYPE (CORR/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE UNIT PLACE
- FUTURE–2
- FUTURE–3
- FUTURE–4

COMMUNICATIONS GROUP
Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

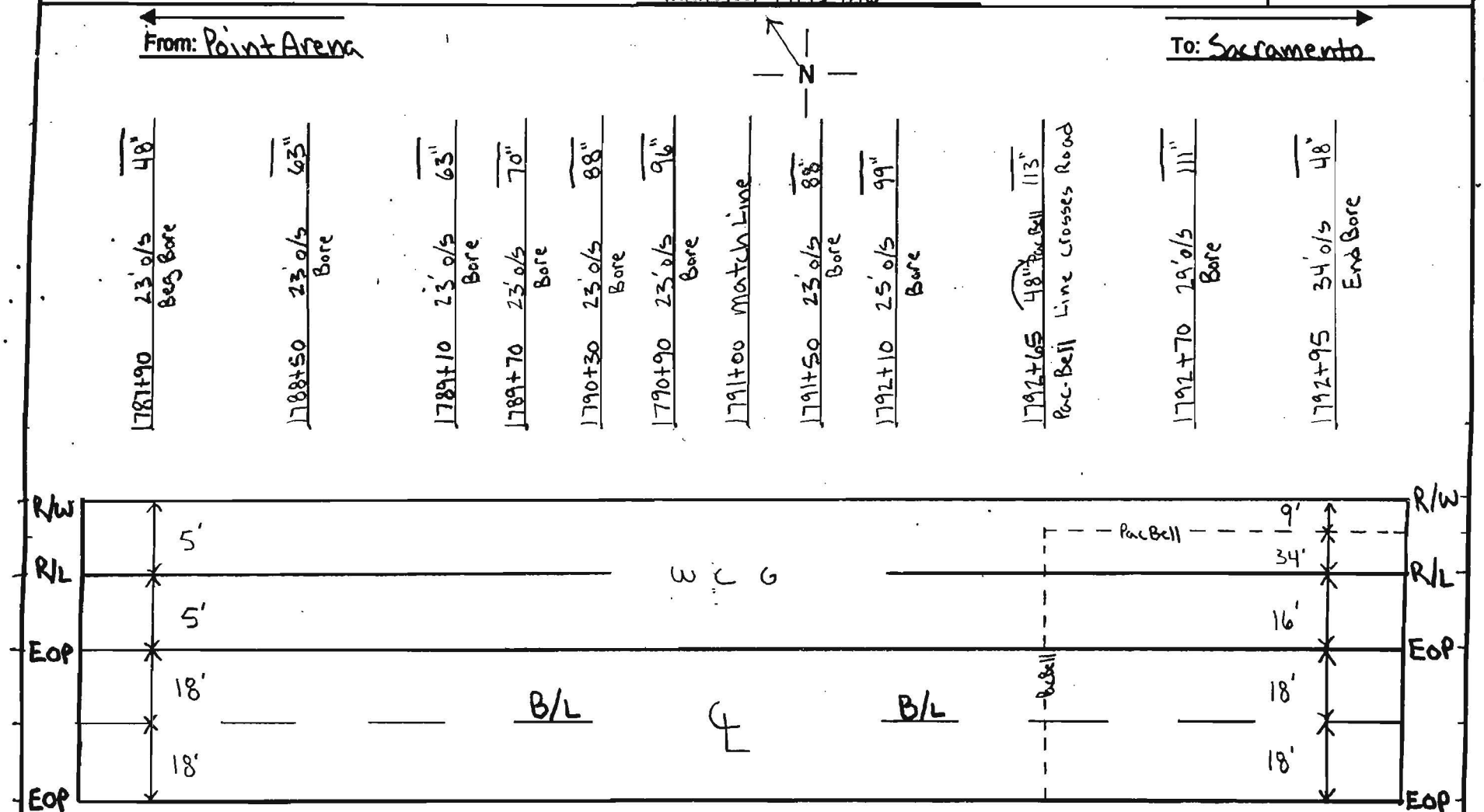
DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	

DRAWING NUMBER : SACR–266–SPRD 4

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 2-[illegible]
Page No. [illegible]
Drawing #: Sacr-265-266-4



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams

Williams Construc[illegible]s-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 2-[illegible]1
Page No. 2
Drawing #:
Socr-265-266-41

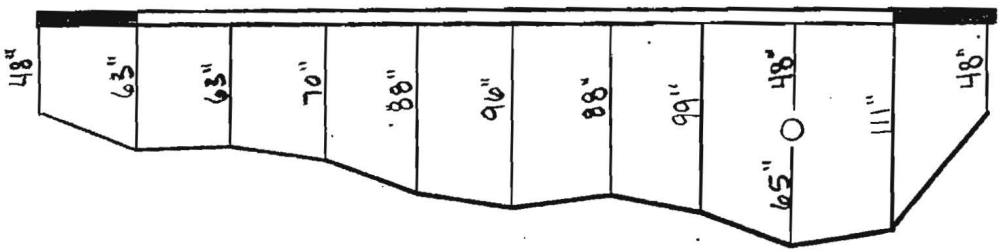
From: Point Arena

To: Sacramento

N

MATCH LINE

1787+90	23'o/s	48"	Beg Bore
1788+50	23'o/s	63"	Bore
1789+10	23'o/s	63"	Bore
1789+70	23'o/s	70"	Bore
1790+30	23'o/s	88"	Bore
1790+90	23'o/s	96"	Bore
1791+00			
1791+50	23'o/s	88"	Bore
1792+10	25'o/s	99"	Bore
1792+65	Pac Bell	113"	Bore
1792+70	29'o/s	111"	Bore
1792+95	34'o/s	48"	End Bore



Notes: 2-1½ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell

Inspector: Jeb Sincraugh

Williams Constru[illegible] As-Built Documentation

Spread Locatio[illegible] [illegible]nta Rosa

Spread No. South 48

AFE No. 4875

Contract No. 99P154.16

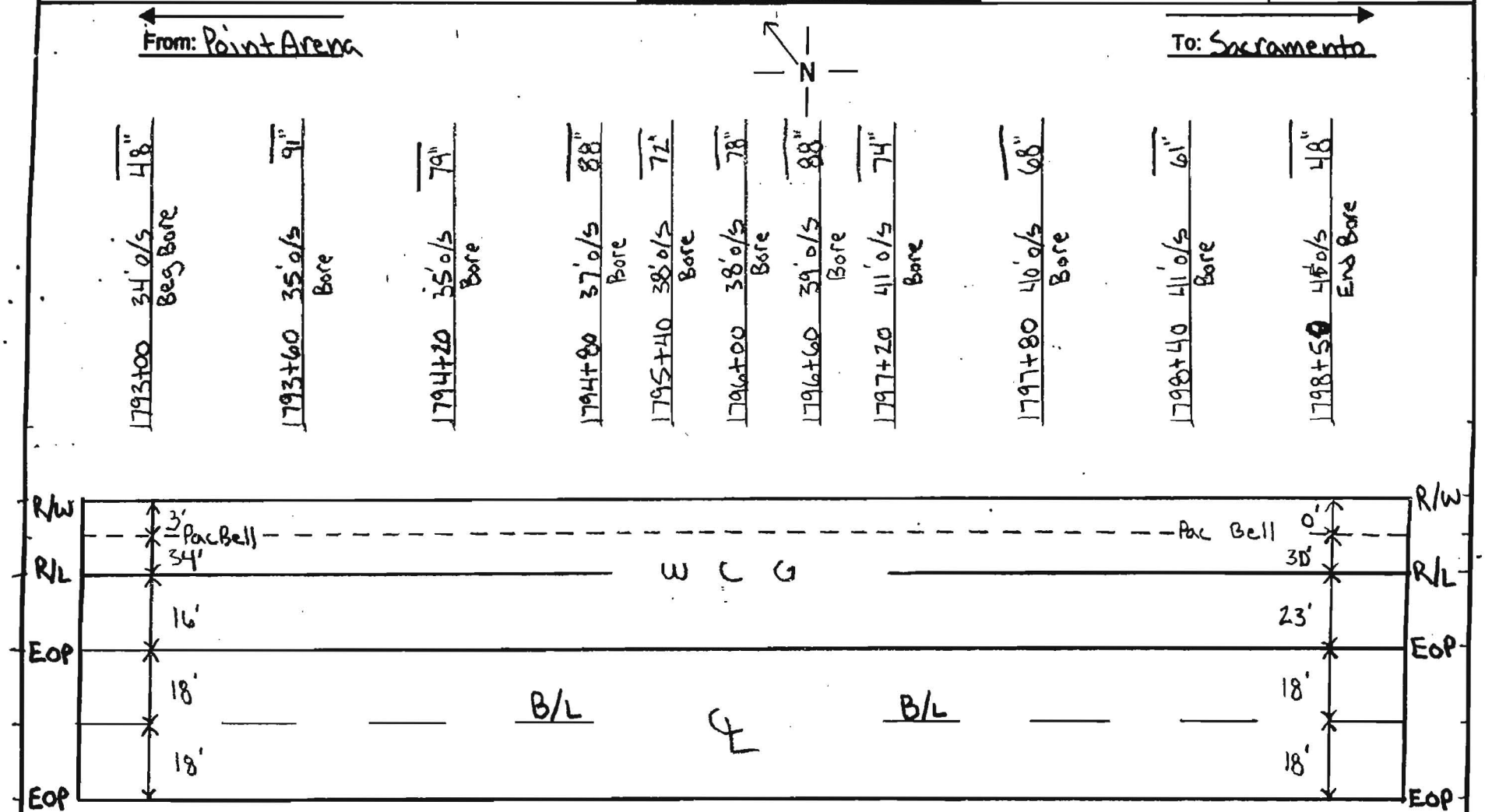
Date: 2-[illegible]

Page No. 1

Drawing #: Sacr-266-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

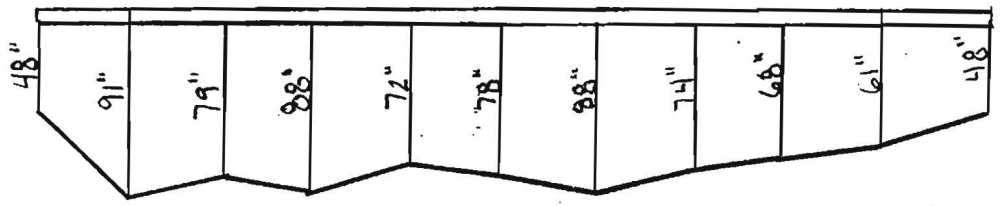
Date: 2-2
Page No. 2
Drawing #: Sacs-266-4

From: Point Arena

N

To: Sacramento

1793+00	1793+60	1794+20	1794+80	1795+40	1796+00	1796+60	1797+20	1797+80	1798+40	1798+58
34'o/s	35'o/s	35'o/s	37'o/s	38'o/s	38'o/s	39'o/s	41'o/s	40'o/s	41'o/s	46'o/s
48"	91"	79"	88"	72"	78"	88"	74"	68"	61"	48"
Beg Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	End Bore



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Contractor: Tidwell

Duct Configuration:

Inspector: Jeb Sincraugh

Williams Construction As-Built Documentation

Williams

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

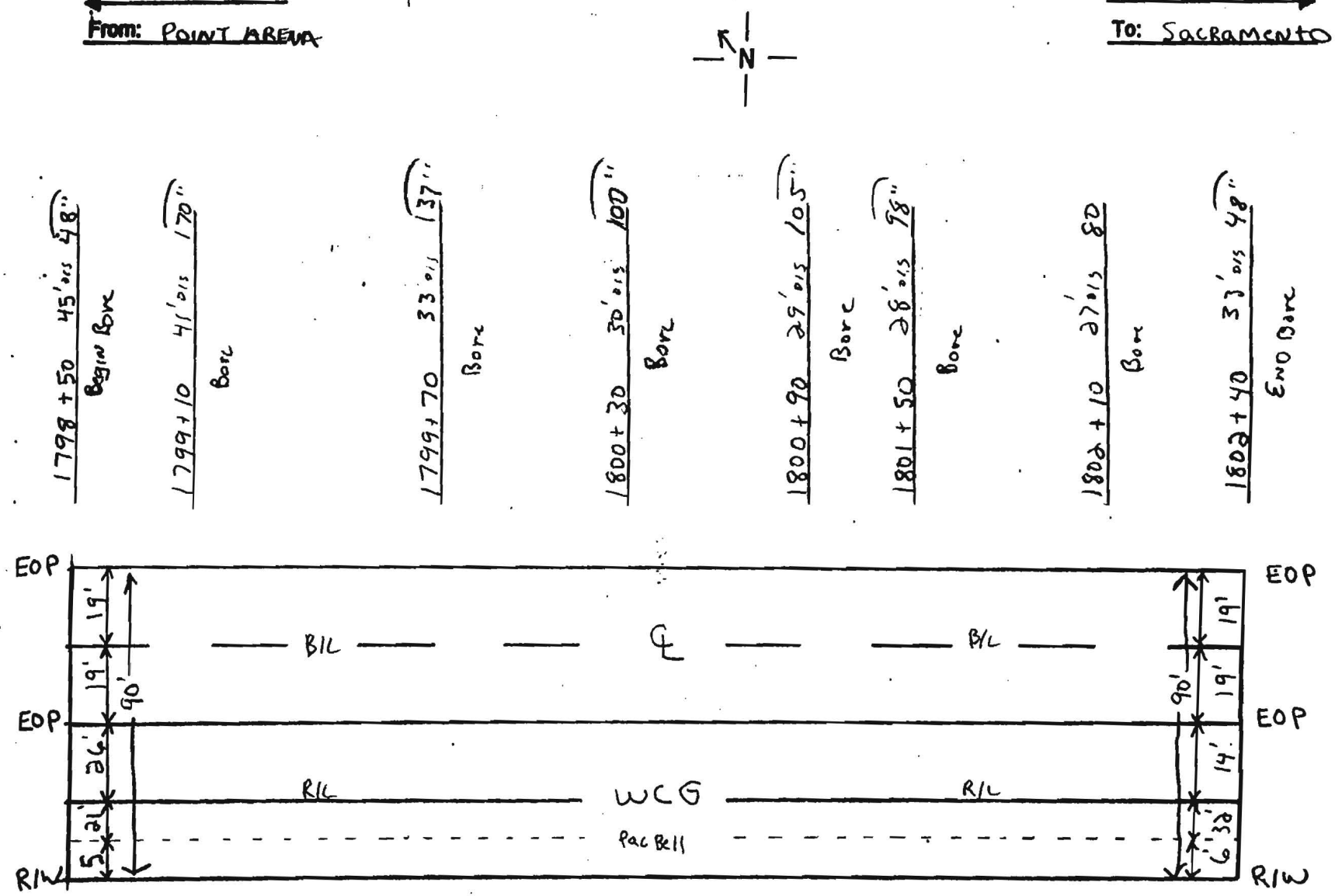
Date: 10

Page No. 1

Drawing #: SACR 266-4

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	Tidwell/West Coast
[illegible] Black	Duct Configuration:	Inspector: JR Smith

Williams

Williams Construct[illegible]-Built Documentation

Spread Location:

Spread No. South 4B

AFE No. 4875

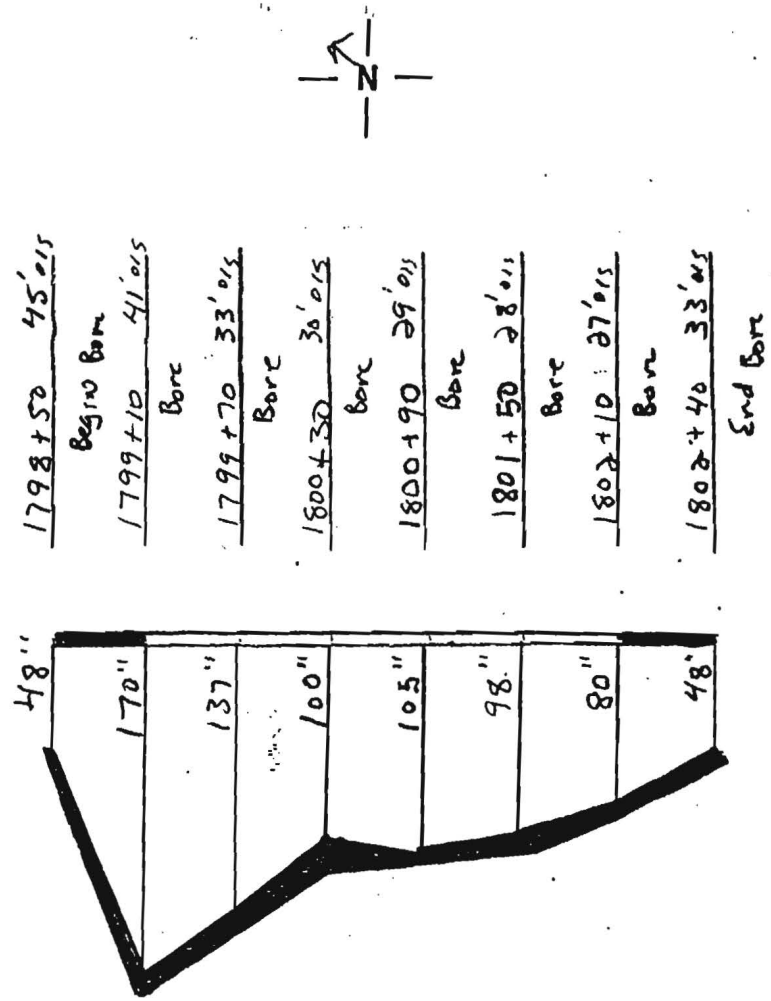
Contract No. 99P154.16

Page No. 2

Drawing #: SACR 266-4

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE Orange, Blue	Sonoma	T. dwell/West Const
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR SMHS

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1804+90 SPLICE A11

1805+75 SPLICE A11

1806+08 BEGIN STEEL
1806+18 END STEEL

1807+22 81' RT. TELE. POLE

1807+50 SPLICE A11

1807+83 38' LT. CULVERT
1807+89 44' RT. CULVERT
1807+89 55' LT. FENCE CORNER
1807+97 C/L DRIVEWAY
1808+11 5' LT. CULVERT

1809+88 88' RT. FENCE CORNER

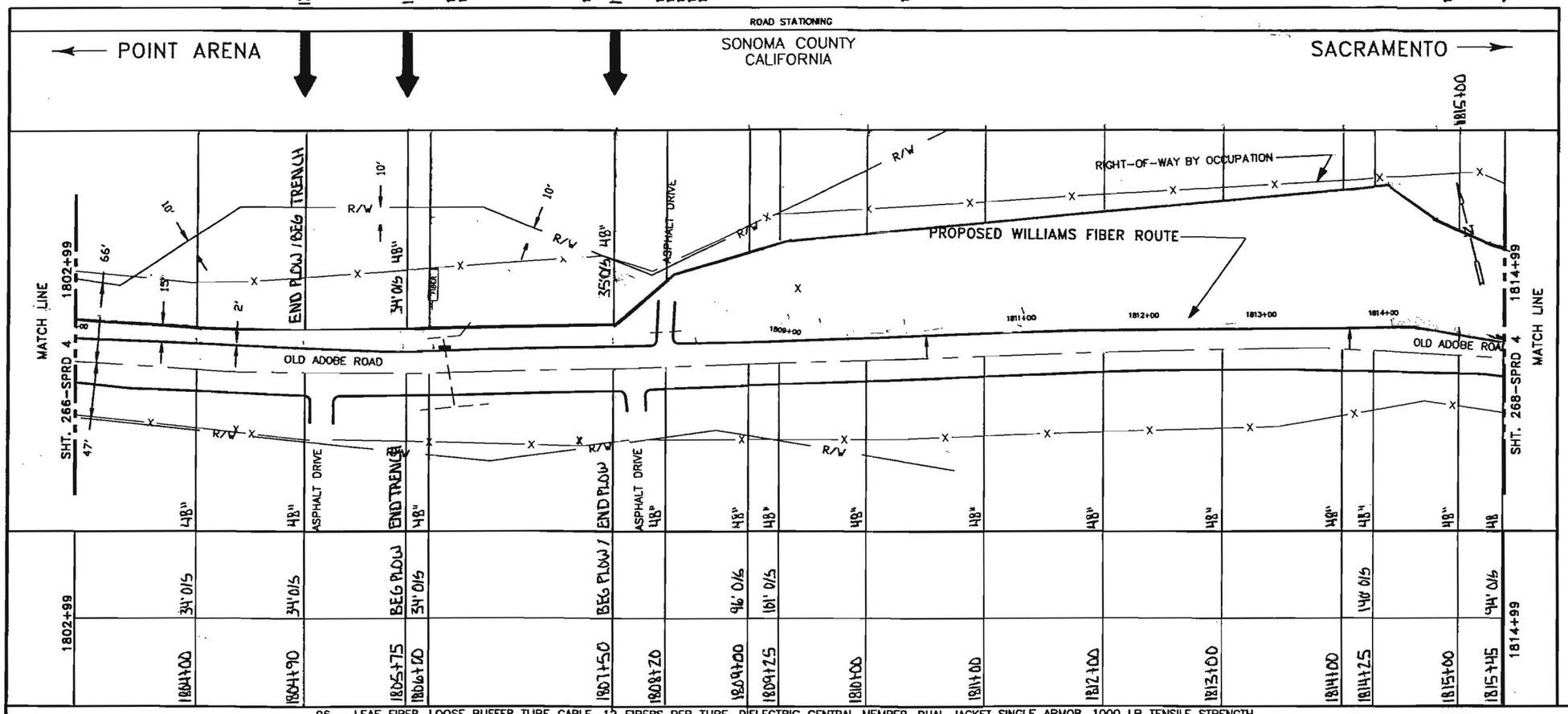
1814+47 62' RT. FENCE CORNER

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



1802+99	1804+00	1804+90	1805+75	1806+08	1807+50	1808+20	1809+00	1809+25	1810+00	1811+00	1812+00	1813+00	1814+00	1814+25	1815+00	1815+45	1814+99
	34' 0/S	34' 0/S	BEG PLOW	34' 0/S	BEG PLOW /		96' 0/S	101' 0/S						140' 0/S		94' 0/S	
	48"	48"	ASPHALT DRIVE 48"	END TRENCH 48"		ASPHALT DRIVE 48"	48"	48"	48"	48"	48"	48"	48"	48"	48"	48	

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1–1.5" ID HDPE, 1–1.5" ID HDPE (SPARE), 1–1.25" ID HDPE (SPARE)

1802+99	1804+90	1805+75	1807+50	1808+00
1804+90	1805+75	1807+50	1808+00	1818+00
191'	85'	175'	50'	1000'
1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 3-14-01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 3-14-01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 3.14.01 TIDWELL 6 GA TRACER WIRE J. SINCRAUGH 6.15.01 IN BLACK 1.25" HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 3.14.01 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 3.14.01 TIDWELL

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

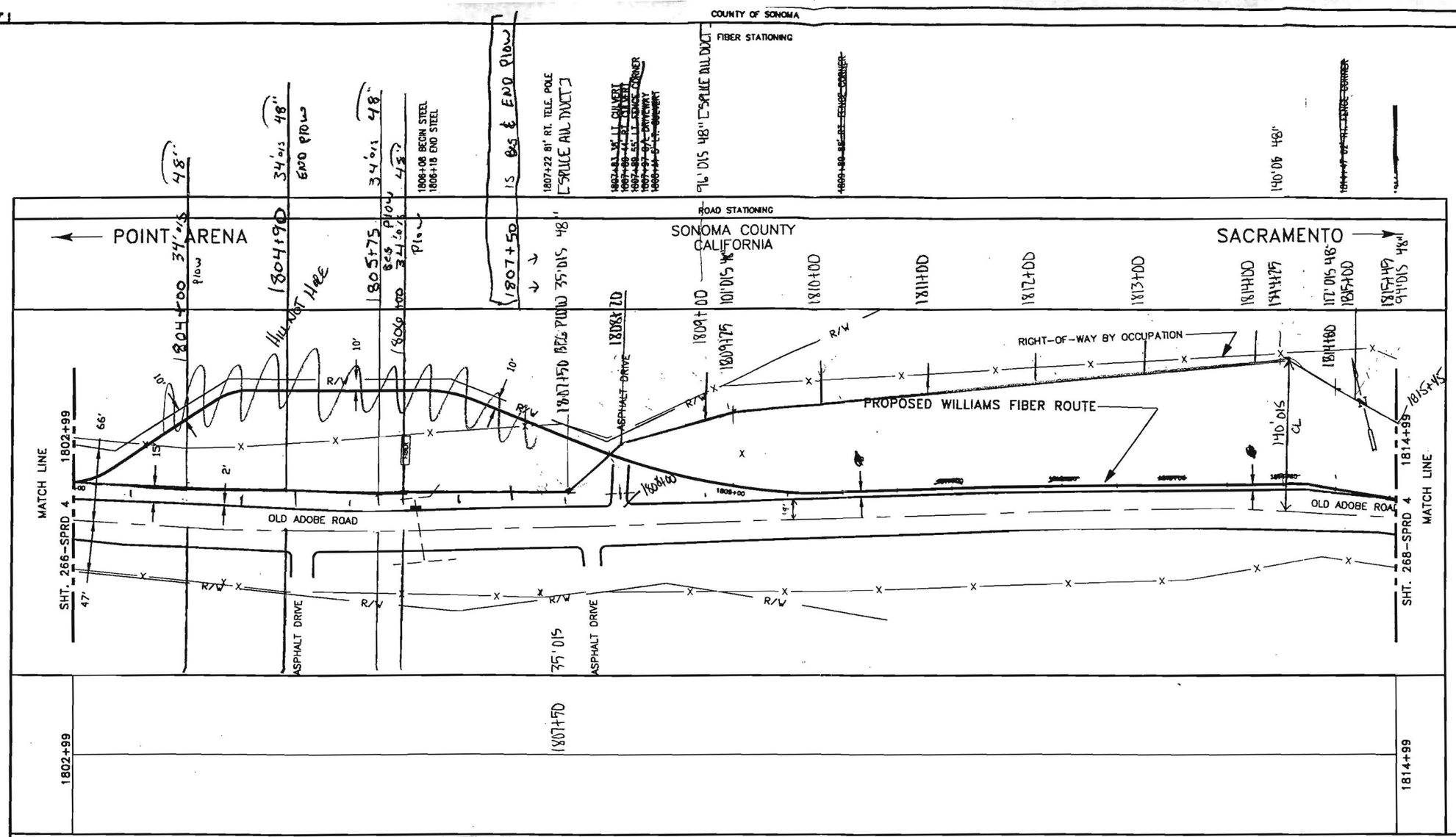
REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) : 1"=100'	
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER : SACR-267-SPRD 4	



96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH
REEL # N/A
N/A
1200' 1–1.5" ID HDPE, 1–1.5" ID HDPE (SPARE), 1–1.25" ID HDPE (SPARE)

3-14-01
JR Smith

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

Red Lined

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- OR Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Act.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- OR Marker
- Fiber Marker
- Water Inlet

WILLIAMS
EMERGENCY NOTIFICATION NUMBER
1-800-582-9069

CAUTION
WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :
1-800-227-2600

DRAWING DISCLAIMER
FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-267-SPRD 4

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

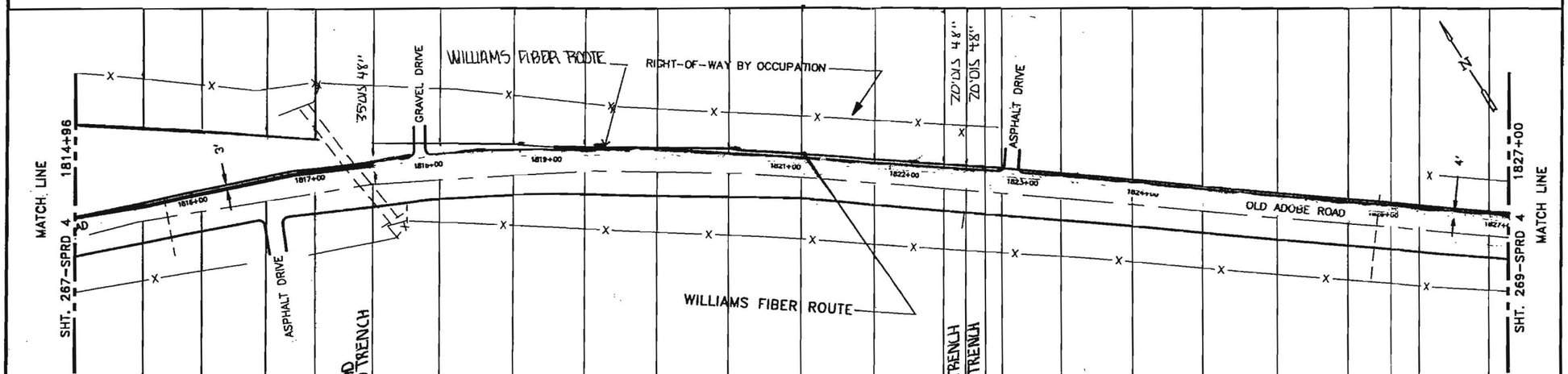
1814+96 BEGIN STEEL
1815+59 59' RT. FENCE CORNER
1815+75 CULVERT
1815+76 45' RT. CULVERT
1816+34 64' RT. FENCE CORNER
1816+78 61' LT. HEADWALL
1816+87 55' LT. HEADWALL
1816+91 67' RT. FENCE CORNER
1817+01 52' LT. HEADWALL
1817+12 52' LT. HEADWALL
1817+15 70' LT. TELE. POLE
SPLICE A11
1817+58 50' RT. HEADWALL
1817+65 50' RT. HEADWALL
1817+66 61' RT. FENCE CORNER
1817+67 62' RT. HEADWALL
1817+67 53' LT. CULVERT
1817+75 48' RT. HEADWALL
1817+75 50' RT. CULVERT
1817+77 35' RT. CULVERT
1817+83 8' LT. C/L DRIVEWAY
1818+24 44' LT. CULVERT
1818+27 55' LT. FENCE CORNER
1819+55 36' LT. TELE. POLE
1819+57 38' LT. FENCE CORNER
1822+50 SPLICE A12
1822+46 32' LT. TELE. POLE
1822+52 45' RT. CULVERT
1822+53 33' RT. CULVERT
1822+76 38' LT. FENCE CORNER
1822+89 8' LT. C/L DRIVEWAY
1825+98 34' RT. CULVERT
1825+99 42' RT. CULVERT
1825+99 58' RT. CULVERT
1826+37 29' LT. TELE. POLE

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



| | | |

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

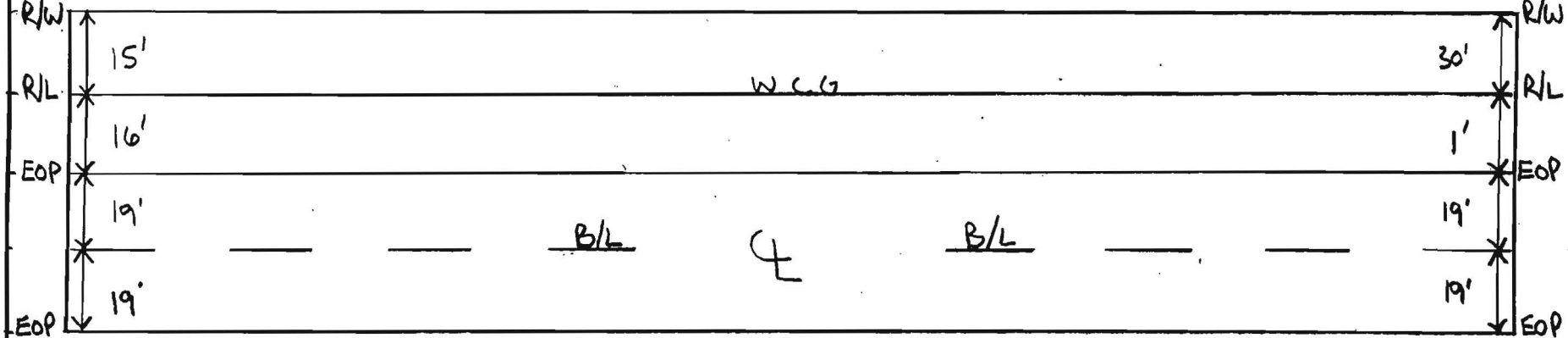
Date: 12/[illegible]00
Page No. 1 of 2
Drawing #: Sour-268-4

From: Point Arena

To: Sacramento

N

1817+50	1818+10	1818+70	1819+30	1819+90	1820+50	1821+10	1821+70	1822+30	1822+45
35'0/S 48"	30'0/S 87"	26'0/S 78"	21'0/S 71"	19'0/S 66"	19'0/S 69"	19'0/S 58"	19'0/S 64"	19'0/S 60"	20'0/S 48"
Beg Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	End Bore



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell (Drill Tech)
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams Const[illegible]n As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

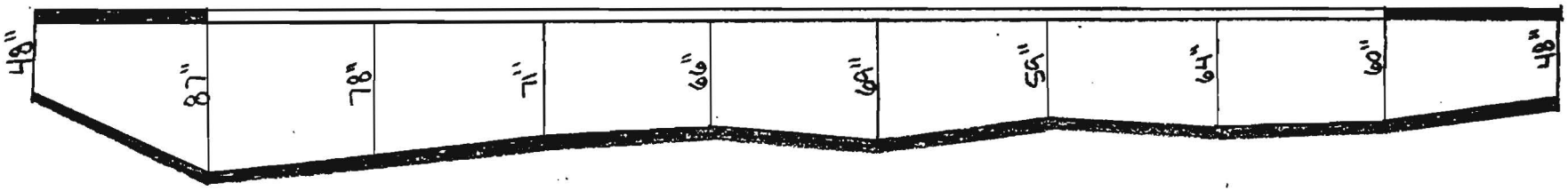
Date: 12[illegible]00
Page No. 1 of 2
Drawing #: Sacs-268-4

From: Point Arena

N

To: Sacramento

1817+50	1818+10	1818+70	1819+30	1819+90	1820+50	1821+10	1821+70	1822+30	1822+45
35'o/s	30'o/s	26'o/s	21'o/s	19'o/s	19'o/s	19'o/s	19'o/s	19'o/s	20'o/s
48"	87"	78"	71"	66"	69"	59"	64"	60"	48"
Beg Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	Bore	End Bore



Notes: 2 - 1½ HDPE orange, Blue 1 - 1¼ HDPE Black	County: Sonoma	Contractor: Tidwell (Drill Tech)
	Duct Configuration:	Inspector: Jeb Sincraugh

Williams

Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

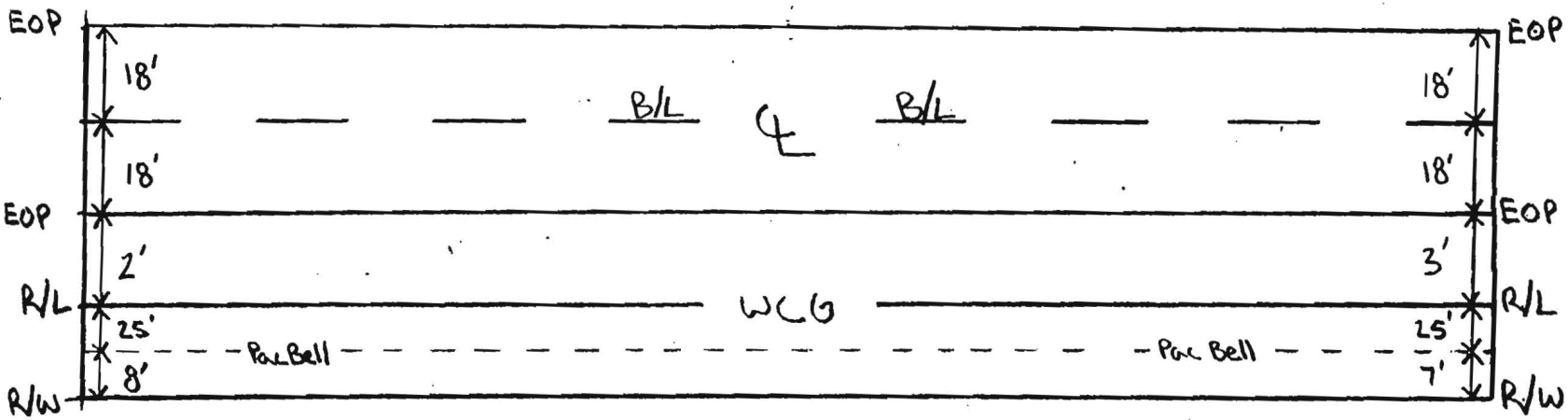
Date: 12-4
Page No. 1
Drawing #: Socr-268,269-4

From: Point Arena

N

To: Sacramento

1822+55 20'o/s 48" Beg Bore
1822+70 20'o/s 52" Bore
1823+30 20'o/s 121" Bore
1823+90 20'o/s 99" Bore
1824+50 19'o/s 80" Bore
1825+10 19'o/s 91" Bore
1825+70 19'o/s 92" Bore
1826+04 13'10' 84" Bore 24" Culvert
1826+30 19'o/s 90" Bore
1826+90 19'o/s 82" Bore
1827+00 MATCH LINE
1827+50 19'o/s 90" Bore
1828+10 19'o/s 88" Bore
1828+70 19'o/s 90" Bore
1829+30 21'o/s 72" Bore
1829+90 21'o/s 48" End Bore



Notes: 2-1 1/2 HDPE Orange, Blue
1-1 1/4 HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Fidwell (Drill Tech)

Inspector: Jeb Sinclair

Williams

Williams Construc... As-Built Documentation

Spread Location: ...ntaRosa
Spread No. SouthLB
AFE No. 4875
Contract No. 99P154.16

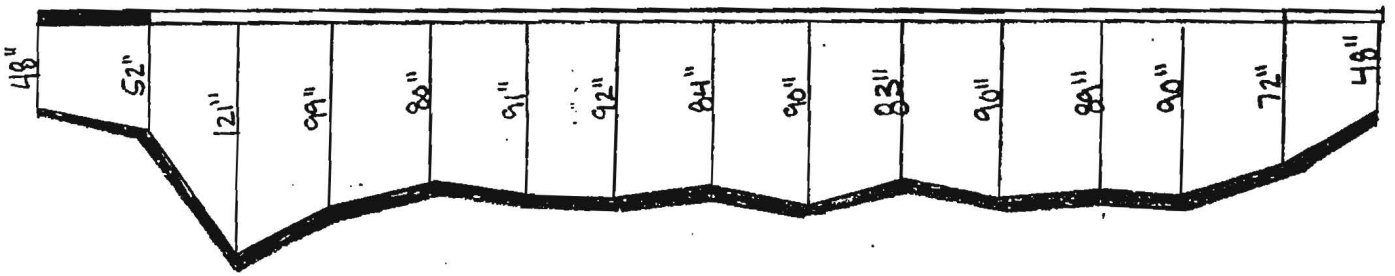
Date: 12...
Page No. 2
Drawing #:
SoCS-268, 269-4

From: Point Arena

N

To: Sacramento

1821+55	1822+70	1823+30	1823+90	1824+50	1825+10	1825+70	1826+04	1826+30	1826+90	1827+60	1827+50	1828+10	1828+70	1829+30	1829+90
20'o/s	20'o/s	20'o/s	20'o/s	19'o/s	19'o/s	19'o/s	15'10'	19'o/s	19'o/s	MATCH LINE	19'o/s	19'o/s	19'o/s	21'o/s	21'o/s
48"	52"	121"	99"	80"	91"	92"	84"	90"	83"		90"	89"	90"	72"	48"
Beg Bore	Bore	Bore	Bore	Bore	Bore	Bore	Culvert 24"	Bore	Bore		Bore	Bore	Bore	Bore	End Bore



Notes: 2 - 1½ HDPE Orange, Blue
- 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (DrillTech)

Inspector: Seb Sinyavsky

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1830+00 SPLICE IN 22' O/S
1830+04 RT. FENCE CORNER
1830+06 34' RT. CULVERT
1830+88 32' LT. TELE. POLE
1831+80 43' RT. FENCE CORNER
1832+37 42' LT. FENCE CORNER
1833+07 33' LT. FENCE CORNER
1833+36 53' RT. POLE
1833+37 43' RT. POLE
1833+52 16' LT. UTIL. POLE
1833+89 22' LT. FENCE CORNER
1834+15 SPLICE IN 24' O/S 48"
1834+49 47' RT. CULVERT
1834+50 33' RT. CULVERT
1834+91 21' LT. FENCE CORNER
1835+12 8' LT. C/L DRIVEWAY
1835+33 20' LT. FENCE CORNER
1836+39 57' RT. FENCE CORNER
1836+50 18' LT. TELE. POLE
1836+71 14' LT. CULVERT
1836+74 7' LT. CULVERT
1836+89 95' RT. FENCE CORNER
1837+18 91' RT. CULVERT
1837+48 33' RT. CULVERT
1837+49 42' RT. CULVERT
1838+37 19' LT. UTIL. POLE
1838+68 96' RT. FENCE CORNER
1838+71 21' LT. FENCE CORNER
1838+88 7' LT. C/L DRIVEWAY
1838+97 99' LT. FENCE CORNER

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

MATCH LINE 1827+00

SHT. 268-SPRD 4

RIGHT-OF-WAY BY OCCUPATION

WILLIAMS FIBER ROUTE

GRAVEL DRIVE

ASPHALT DRIVE

SHT. 270-SPRD 4 MATCH LINE 1839+00

FIBER

6'

24"DIA SDR17 48"

23"DIA SDR17 48"

BEG TRENCH
ASPHALT DRIVE
END TRENCH

| 1827+00 | | |

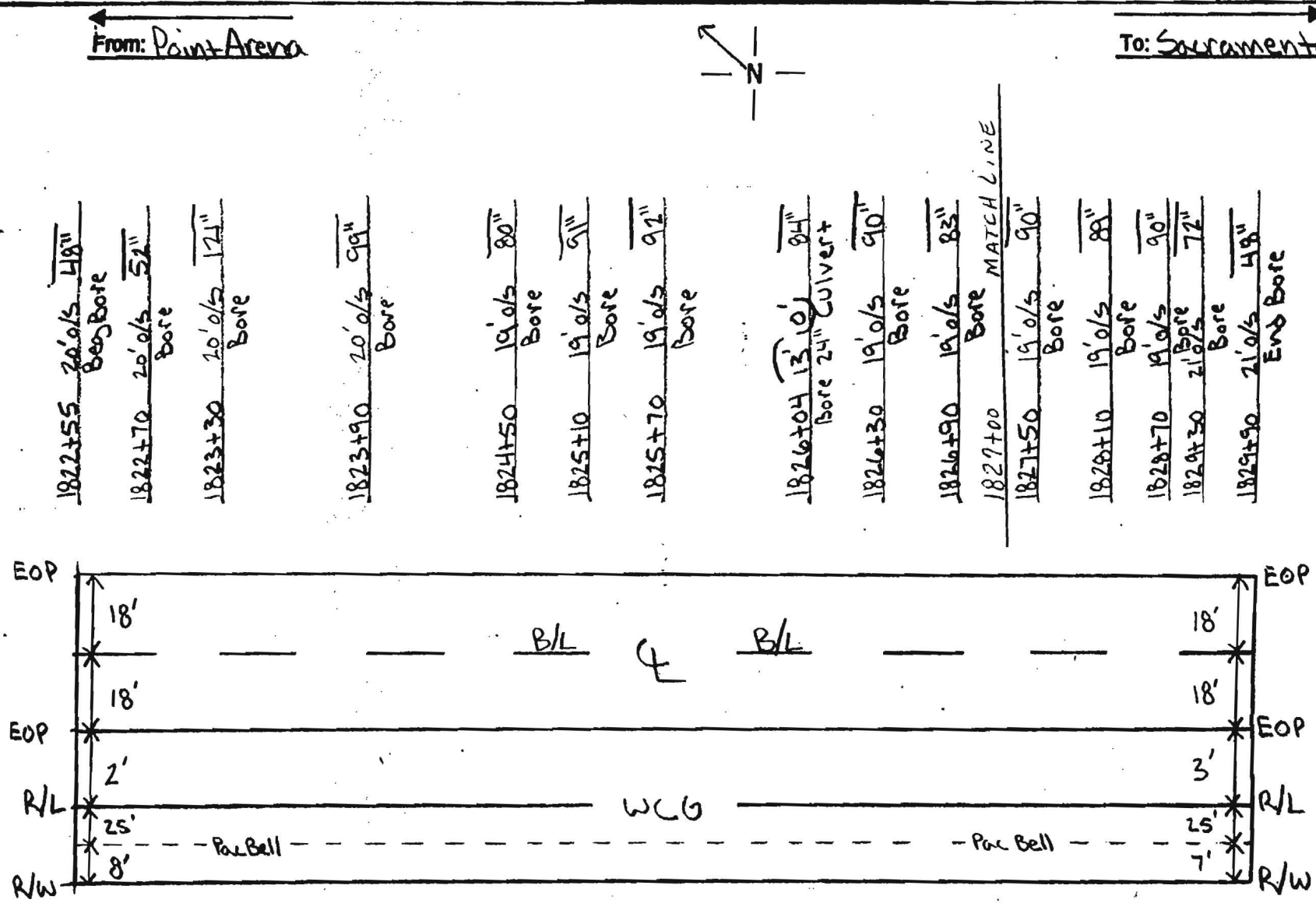
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-4
Page No. 1
Drawing #: Sacr-268,269-4

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2-1½ HDPE Orange, Blue 1-1¼ HDPE Black	Sonoma	Tidwell (Drill Tech)
	Duct Configuration:	Inspector: Jeh Sincraugh

Williams

Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]ntaRosa
Spread No. South48
AFE No. 4875
Contract No. 99P154.16

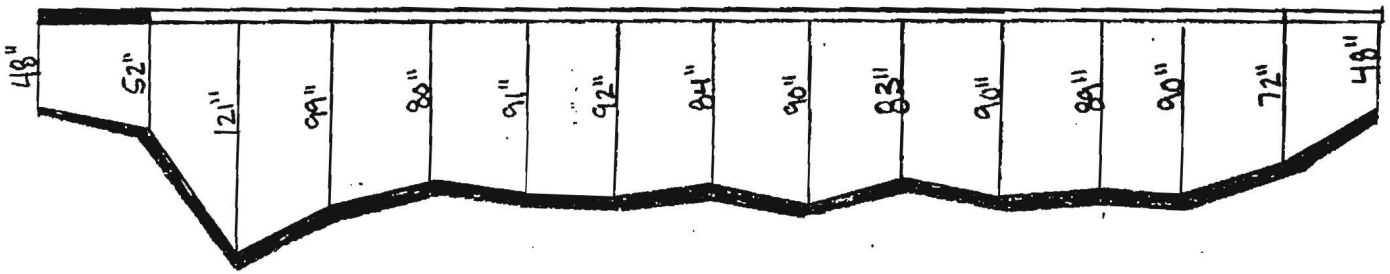
Date: 12/[illegible]
Page No. 2
Drawing #:
Socs-268, 269-4

From: Point Arena

N

To: Sacramento

1821+55	1822+70	1823+30	1823+90	1824+50	1825+10	1825+70	1826+04	1826+30	1826+90	1827+60	1827+50	1828+10	1828+70	1829+30	1829+90
48"	52"	121"	99"	80"	91"	92"	84"	90"	83"	MATCH LINE	90"	89"	90"	72"	48"
20'o/s	20'o/s	20'o/s	20'o/s	19'o/s	19'o/s	19'o/s	13'10' o/s 24" Culvert	19'o/s	19'o/s		19'o/s	19'o/s	19'o/s	21'o/s	21'o/s
Beg Bore	Bore	Bore	Bore	Bore	Bore	Bore		Bore	Bore		Bore	Bore	Bore	Bore	End Bore



Notes: 2 - 1½ HDPE Orange, Blue
1 - 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (DrillTech)

Inspector: Seb Sinuraush

Williams Construct[illegible] As-Built Documentation

Williams

Spread Location:

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

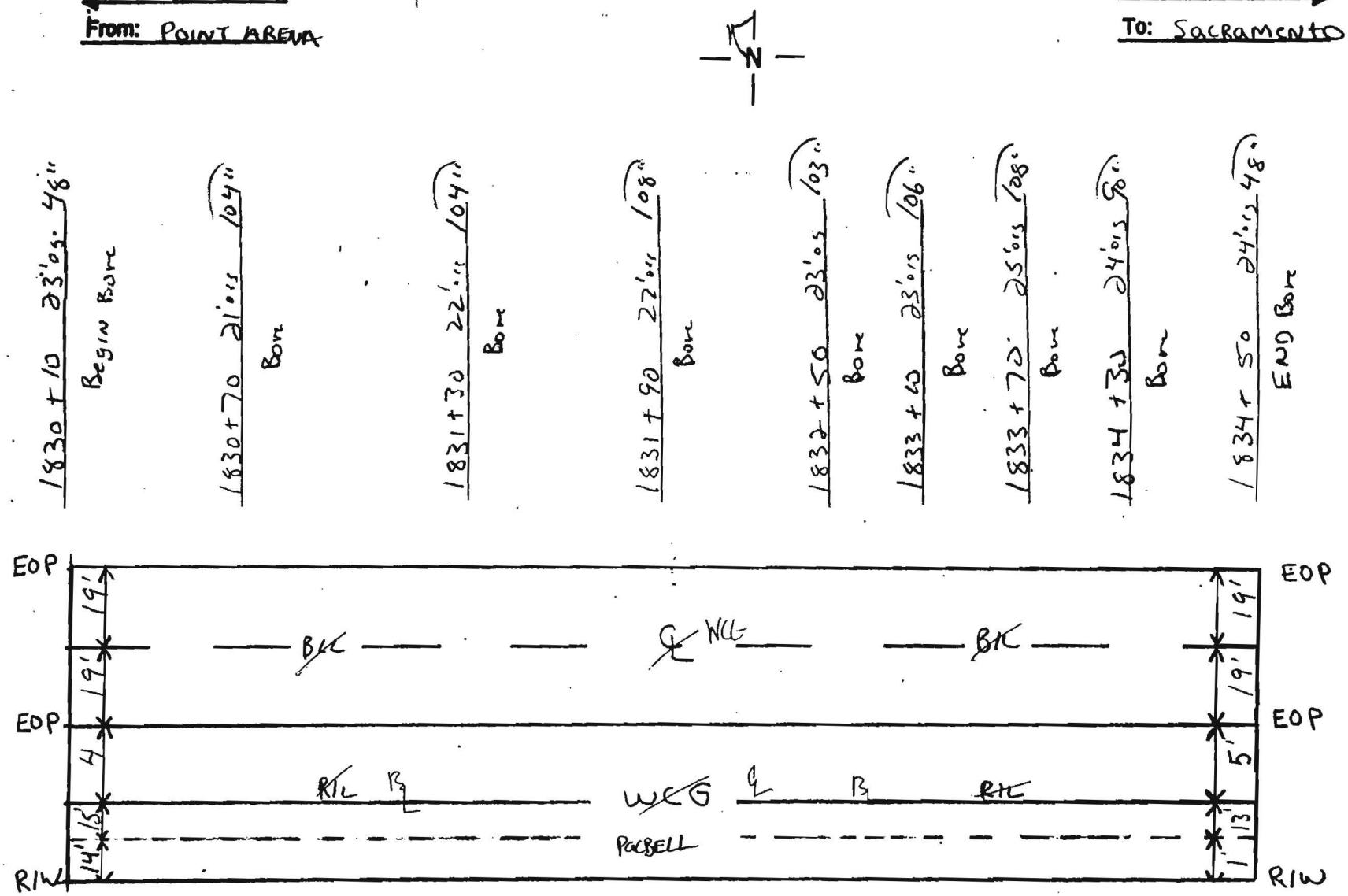
Date: 1-[illegible]

Page No. 1[illegible]

Drawing #: SACR 269

From: POINT ARENA

To: SACRAMENTO



Notes:	County:	Contractor:
2 1½ HDPE orange, Blue	Sonoma	Tidwell / Drill Tech
1 1¼ HDPE Black	Duct Configuration:	Inspector: JR Smits

Williams Construc As-Built Documentation

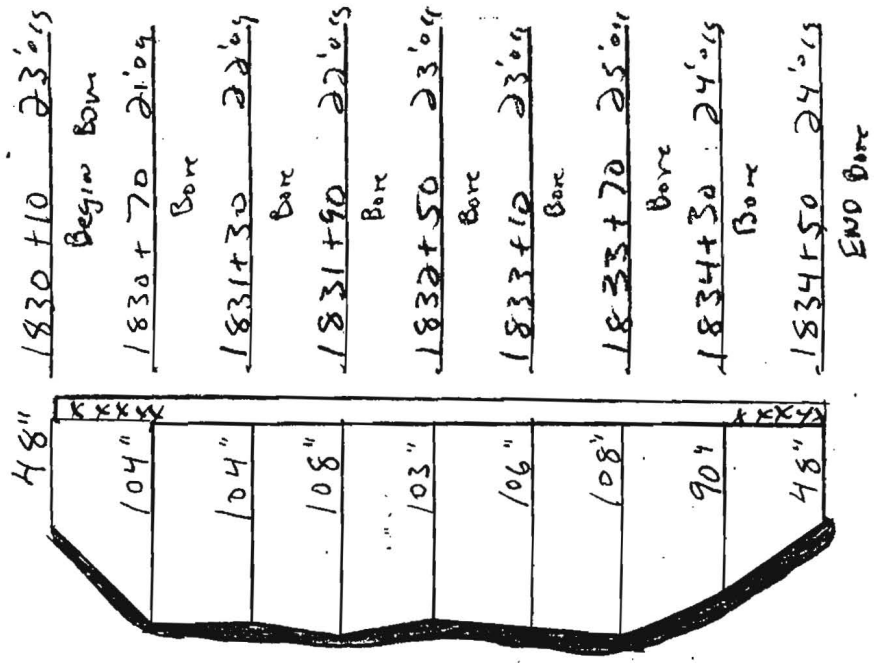
Spread Location: ntaRosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 1-4
Page No. 2
Drawing #:
SACE 269

From: Point Arena

N

To: Sacramento



Notes: 2-1½ HDPE Orange, Blue 1-¼ HDPE Black		County: Sonoma	Contractor: Tidwell / Drill Tech
		Duct Configuration:	Inspector: JR Smith

Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]nta Rosa
Spread No. South 46
AFE No. 4875
Contract No. 99P154.16

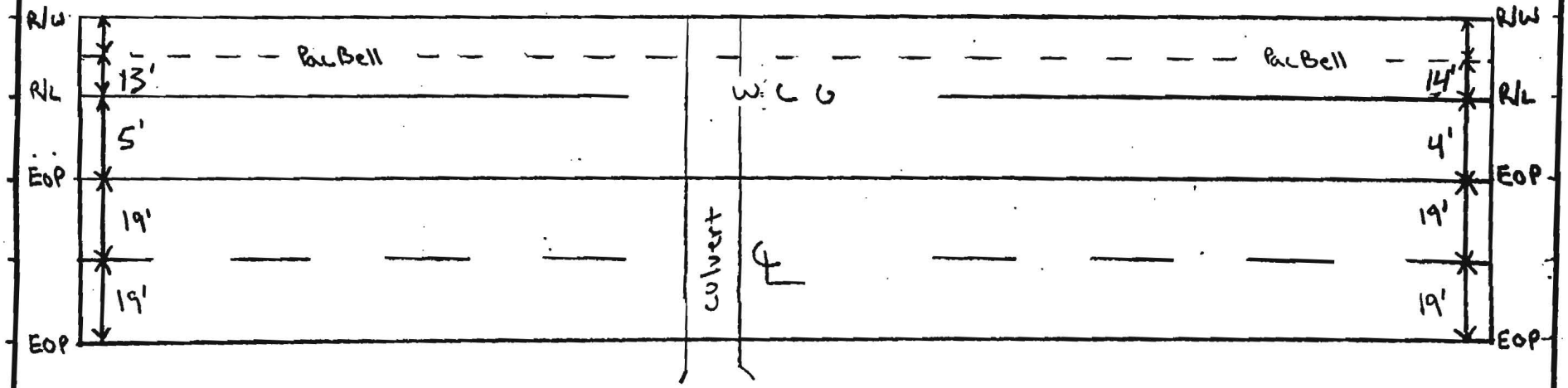
Date: [illegible]
Page No. 1
Drawing #: Sacr-269, 270-4

From: Point Arena

To: Sacramento

N

18344+55 24'o/s 48" Beg. Bore	18344+70 22'o/s 69" Bore	18352+30 21'o/s 94" Bore	18355+90 21'o/s 186" Bore	18361+50 22'o/s 9'10'/ 221" Culvert 48"	18371+10 22'o/s 135" Bore	18371+70 22'o/s 132" Bore	18381+30 23'o/s 117" Bore	18387+90 23'o/s 70" Bore	18391+00 Match Line	18391+10 23'o/s 48" End Bore



Notes: 2-1½ HDPE orange, Blue
1-1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (West Coast)

Inspector: Jeb Sincraugh

Williams

Williams Construc[illegible]s-Built Documentation

Spread Location: [illegible]ta Rosa
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

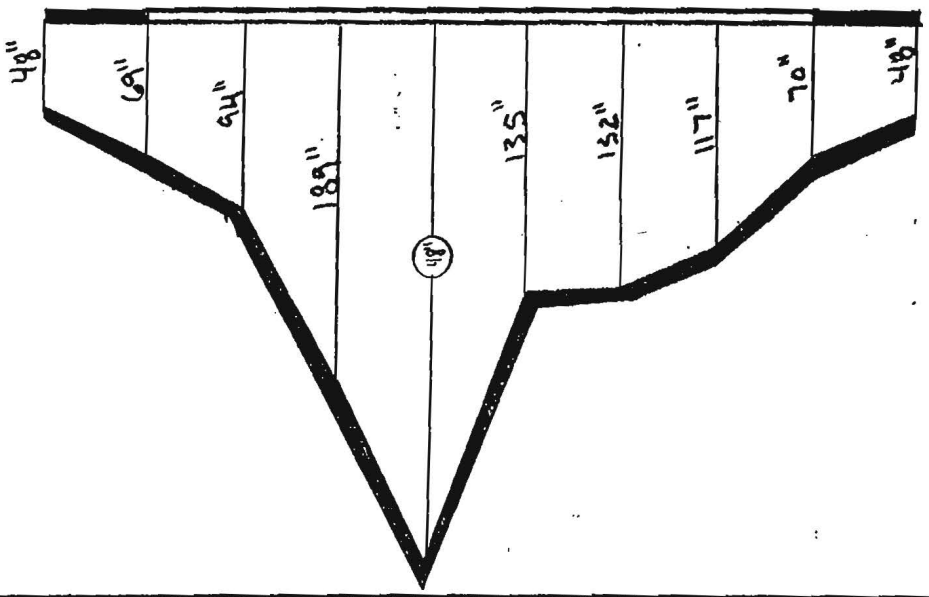
Date: [illegible]
Page No. 2
Drawing #: Sheet - 269, 270

From: Point Arena

N

To: Sacramento

1834+55 24'o/s 48" Beg Bore
1834+70 22'o/s 69" Bore
1835+30 21'o/s 94" Bore
1835+90 21'o/s 189" Bore
1836+50 22'o/s 9'0" 281" 48" Culvert
1837+10 22'o/s 135" Bore
1837+70 22'o/s 132" Bore
1838+30 23'o/s 117" Bore
1838+90 23'o/s 70" Bore
1839+00 MATCH LINE
1839+10 23'o/s 48" End Bore



Notes: 2 - 1½ HDPE Orange, Blue
1 - ¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell (west coast)

Inspector: Seb Sinnaugh

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

1839+15 SPLICE AII 20'0/4 48"

1840+89 45' RT. BOX CULVERT
1840+89 45' RT. CULVERT
1840+89 30' RT. CULVERT
1840+87 44' RT. BOX CULVERT
1841+04 45' LT. HEADWALL
1841+20 13' LT. CULVERT
1841+21 7' LT. CULVERT
1841+27 13' LT. HEADWALL
1841+28 16' LT. HEADWALL
1841+56 16' LT. TELE. POLE
1841+58 11' LT. TELE. POLE

1842+38 56' RT. FENCE CORNER

1843+74 13' LT. CULVERT
1843+74 21' LT. FENCE CORNER
1843+89 6' LT. 2" DRIVEWAY
1844+01 22' LT. FENCE CORNER
1844+02 11' LT. CULVERT

1844+55 SPLICE AII 22'0/4

1844+54 19' LT. TELE. POLE
1844+65 21' LT. FENCE CORNER

1846+21 45' RT. POLE

1846+38 END STEEL
1846+42 17' LT. UTIL. POLE
1846+44 18' LT. FENCE CORNER
1846+59 8' LT. POLE
1846+68 51' LT. FENCE CORNER

1849+98 20' LT. TELE. POLE

1850 HHS SPLICE AII 20'0/4 48"

ROAD STATIONING

POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO

MATCH LINE

1839+00

SHT. 269-SPRD 4

20'0K 48"

20'0/5 48"

RIGHT-OF-WAY BY OCCUPATION

6'

ASPHALT DRIVE

20'0/3 48"

26'0/5 48"

FIBER

6'

FIBER

15'

33'0/5 48"

27'0/5 48"

1847+00

1848+00

1849+00

1851+

MATCH LINE

1851+00

SHT. 271-SPRD 4

OLD ADOBE ROAD

OLD ADOBE ROAD

BEG TRENCH

END TRENCH

WILLIAMS FIBER ROUTE

BEG TRENCH

END TRENCH

BEG TRENCH

END TRENCH

| | | |

Williams

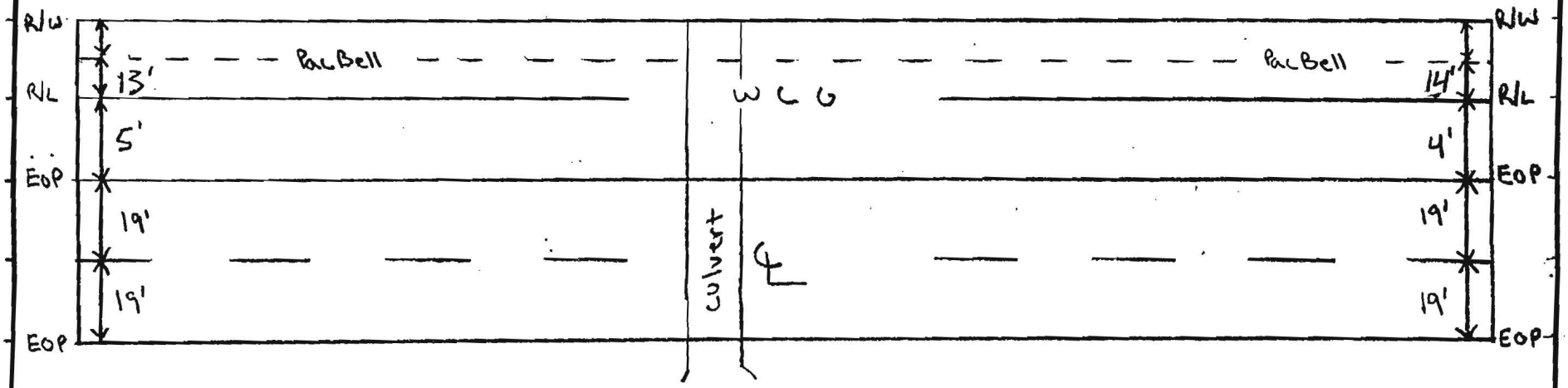
Williams Construc[illegible] As-Built Documentation

Spread Location: [illegible]anta Rosa
Spread No. South 46
AFE No. 4875
Contract No. 99P1541.16

Date: 12-16
Page No. 1 of
Drawing #: Sacr-269, 270-4

From: Point Arena ← N → To: Sacramento

18344+55 24'o/s 48" Beg. Bore	18344+70 22'o/s 69" Bore	18345+30 21'o/s 94" Bore	18345+90 21'o/s 186" Bore	18346+50 43'o/s 9'10' 281" Culvert 48"	18347+10 22'o/s 135" Bore	18347+70 22'o/s 132" Bore	18348+30 23'o/s 117" Bore	18348+90 43'o/s 70" Bore	18349+00 match line	18356+10 23'o/s 48" End Bore



Notes: 2-1½ HDPE orange, Blue 1-1¼ HDPE Black	**County:** Sonoma	**Contractor:** Tidwell (West Coast)	
	Duct Configuration:	**Inspector:** Jeb Sinclaugh	

Williams

Williams Construc[illegible]s-Built Documentation

Spread Location: [illegible]ntaRosa

Spread No. South4B

AFE No. 4875

Contract No. 99P154.16

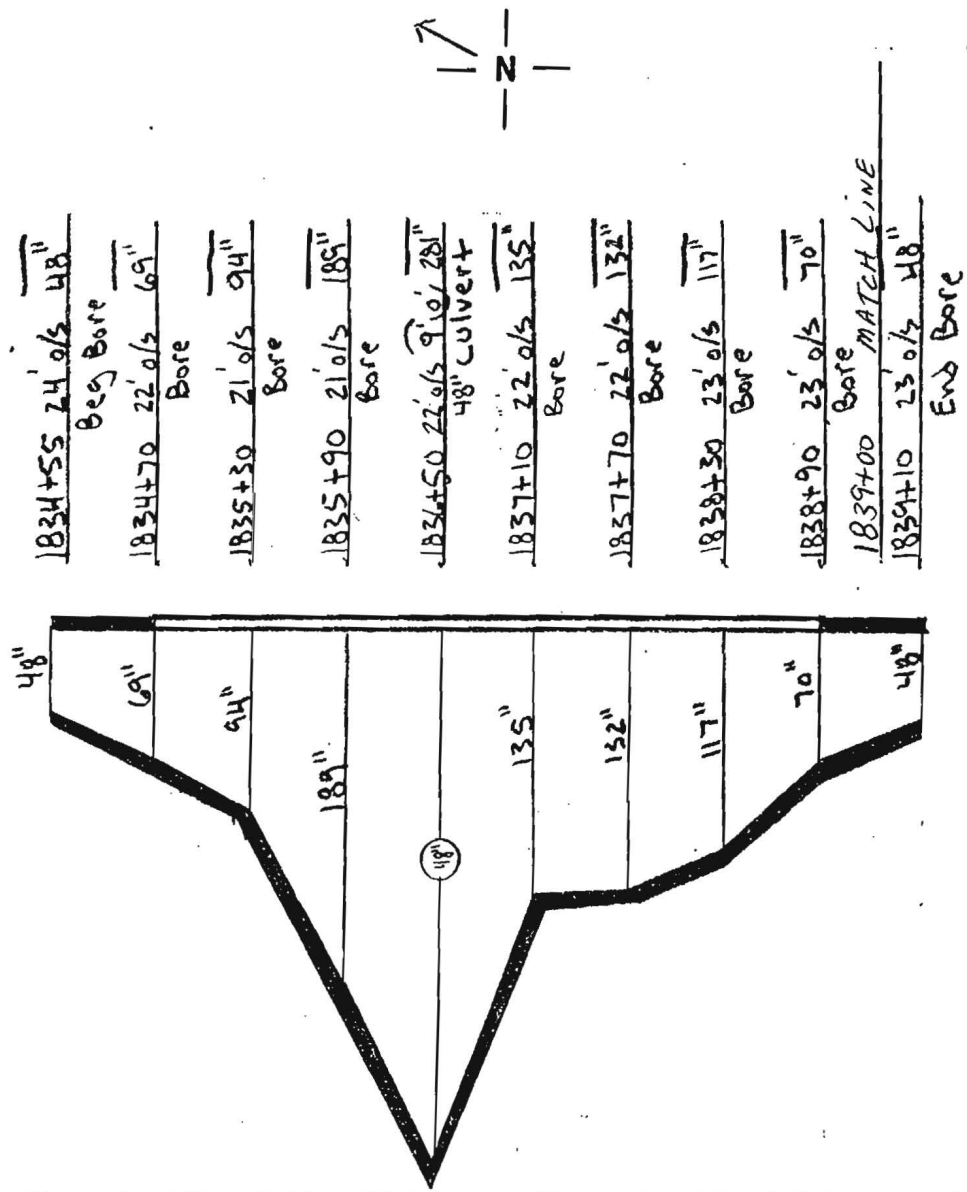
Date: 12 [illegible]

Page No. 2

Drawing #: Sacr-269, 270

From: Point Arena

To: Sacramento



Notes:		County:	Contractor:
2-1½ HDPE	Orange, Blue	Sonoma	Tidwell (West Coast)
1-1¼ HDPE	Black	Duct Configuration:	Inspector: Jeb Sincraugh

Williams Construction — As-Built Documentation

Spread Location:
Spread No. South 4B
AFE No. 4875
Contract No. 99P154.16

Date: 12
Page No. 1
Drawing #: SACR 270

From: POINT ARENA

To: SACRAMENTO

N

1839+20 20'ors 48" Begin Bore

1839+80 18'ors 120" Bore

1840+40 18'ors 258" Bore

1841+00 18'ors 293" Bore

1841+21 Culvert 60"

1841+60 18'ors 283" Bore

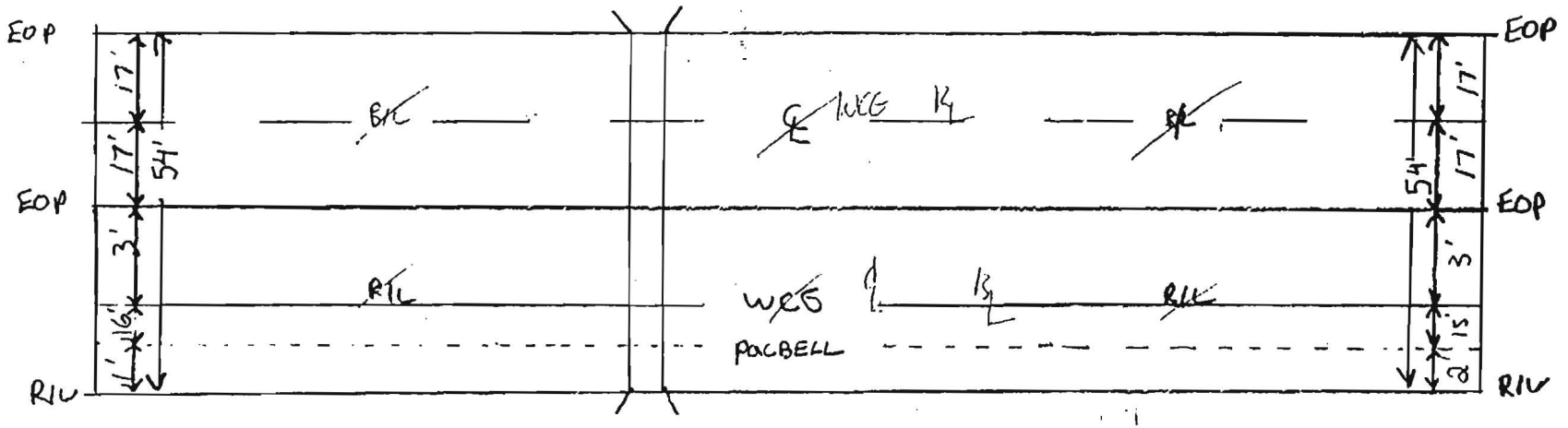
1842+20 18'ors 177" Bore

1842+80 18'ors 12" Bore

1843+40 19'ors 65" Bore

1844+00 20'ors 84" Bore

1844+40 20'ors 48" End Bore



Notes:	County:	Contractor:
2 1½ HDPE orange Blue 1 1¼ HDPE Black	Sonoma	Tidwell Drill Tech
	Duct Configuration:	Inspector: JR Smith

Williams

Williams Construct[illegible]s-Built Documentation

Spread Location: [illegible] to Rosa

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 12-1[illegible]

Page No. 2 [illegible]

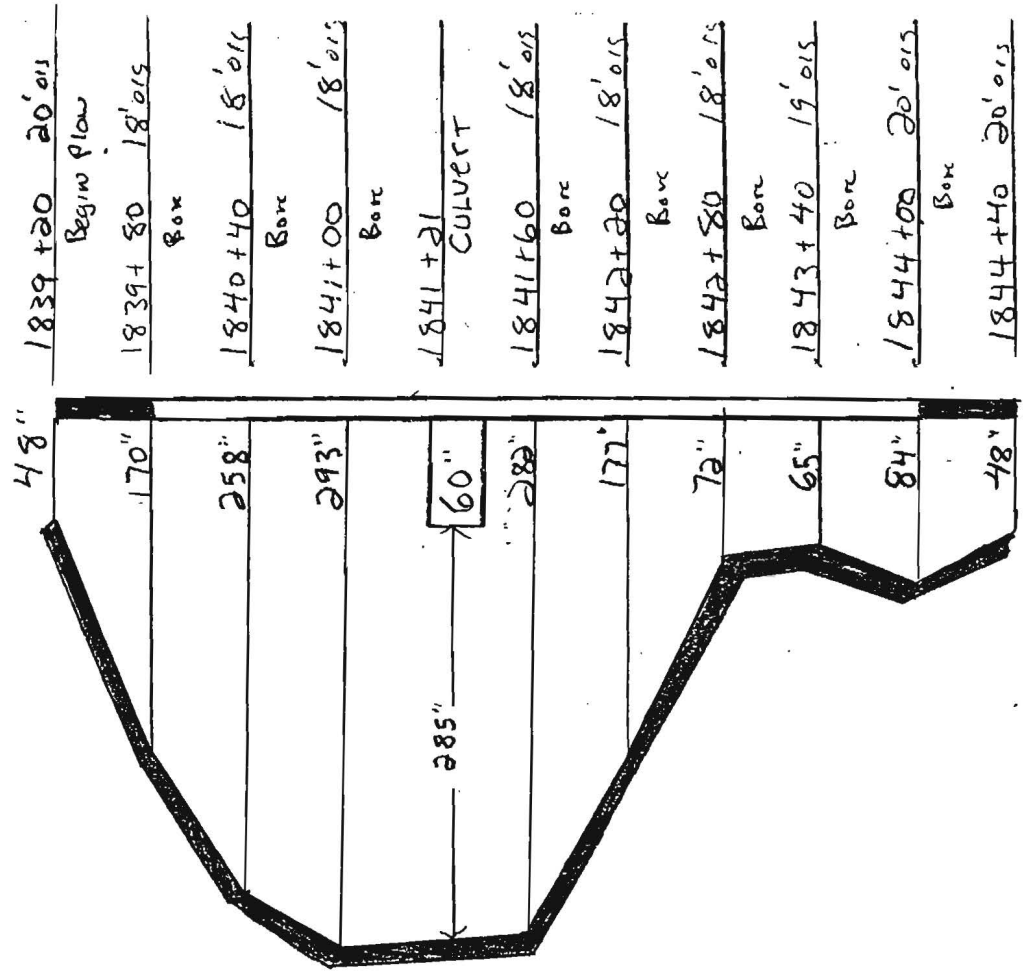
Drawing #:

SACR 270

From: Point Arena

N

To: Sacramento



Notes: 2-1½ HDPE Orange, Blue 1-¼ HDPE Black	County: Sonoma	Contractor: Tidwell / Drill Tech
	Duct Configuration:	Inspector: JR Smith [redacted]

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1844+70	26'	48"		BEG PLOW NORTHSIDE RD
1846+00	27'	48"		PLOW
1848+00	29'	48		PLOW
1850+40	33'	48		END PLOW

DATE: 12-13-00
COUNTY: SONOMA
ALIGN. SHT. #

CONTRACTOR: TIDWELL
INSPECTOR: JR SMITH
PROJECT: 4B

Williams Construction As-Built Documentation

Spread Location:

Spread No. 50011-40

AFE No. 4875

Contract No. 99P154.16

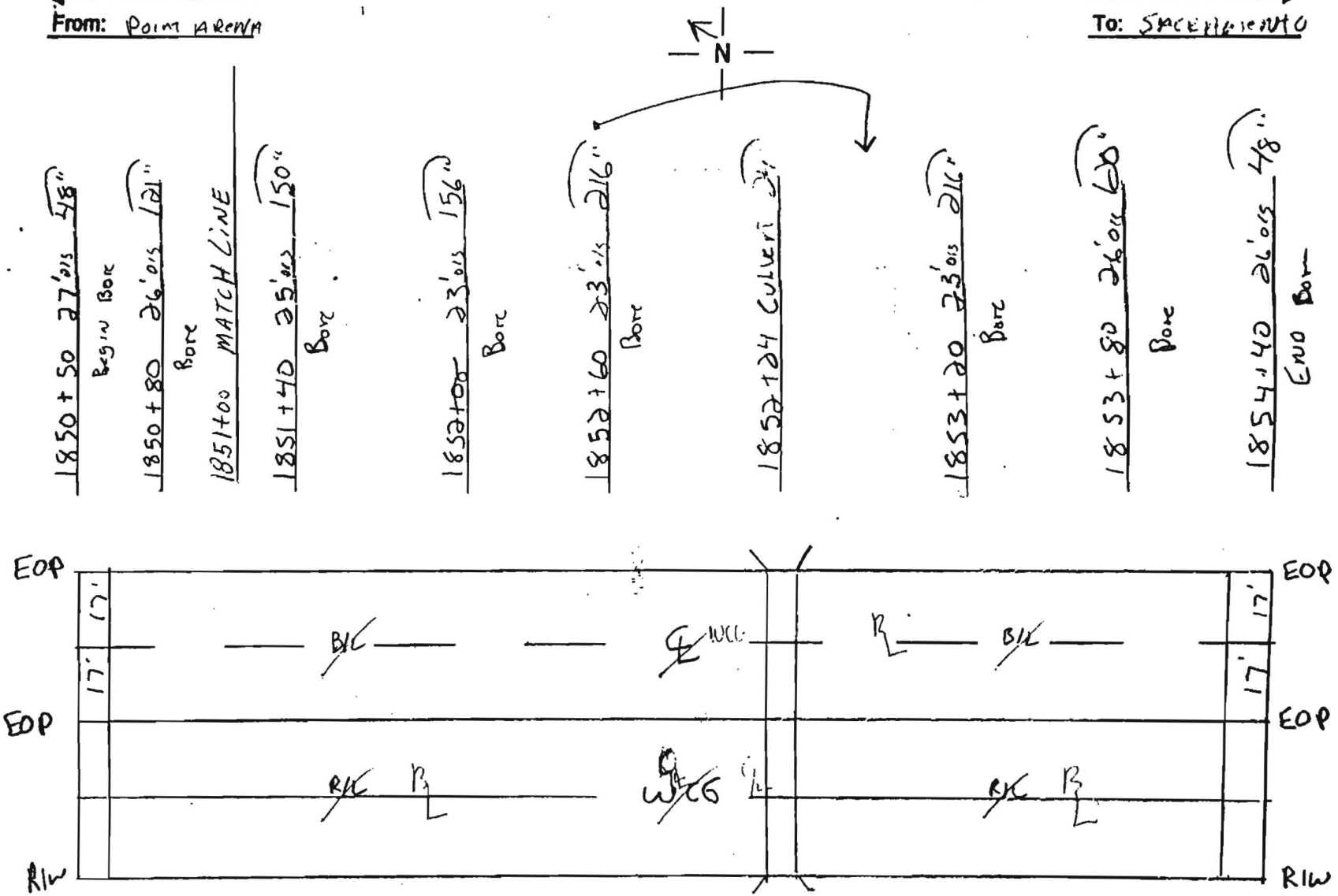
Date: 1[illegible]00

Page No. 1

Drawing #: SACR 270 270

From: Point Arena

To: Sacramento



Notes:	County:	Contractor:
2 1½ HDPE Orange Blue	Sonoma	Tidwell/West Coast
1 1¼ HDPE Black	Duct Configuration:	Inspector:

Williams

Williams Construct[illegible] s-Built Documentation

Spread Location: [illegible] to Base

Spread No. South 4B

AFE No. 4875

Contract No. 99P154.16

Date: 12-15

Page No. 2 [illegible]

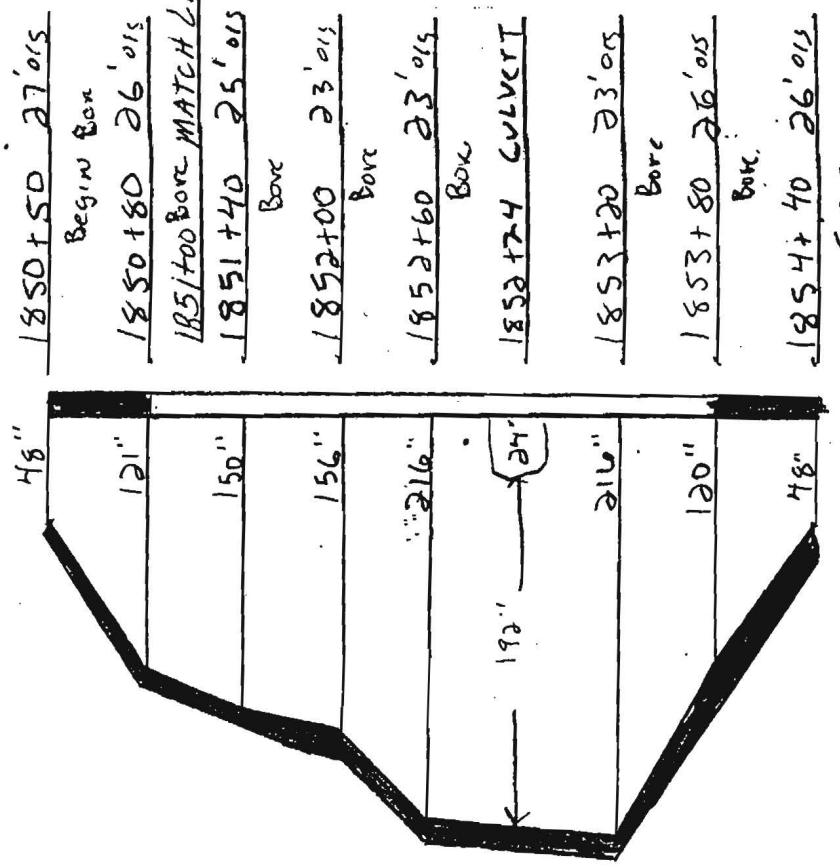
Drawing #:

SHEET 270 271

From: Point Arena

To: Sacramento

N



Notes: 2 - 1½ HDPE Orange, Blue
1 - ¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell / West Coast

Inspector: JR SMITH [redacted]

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

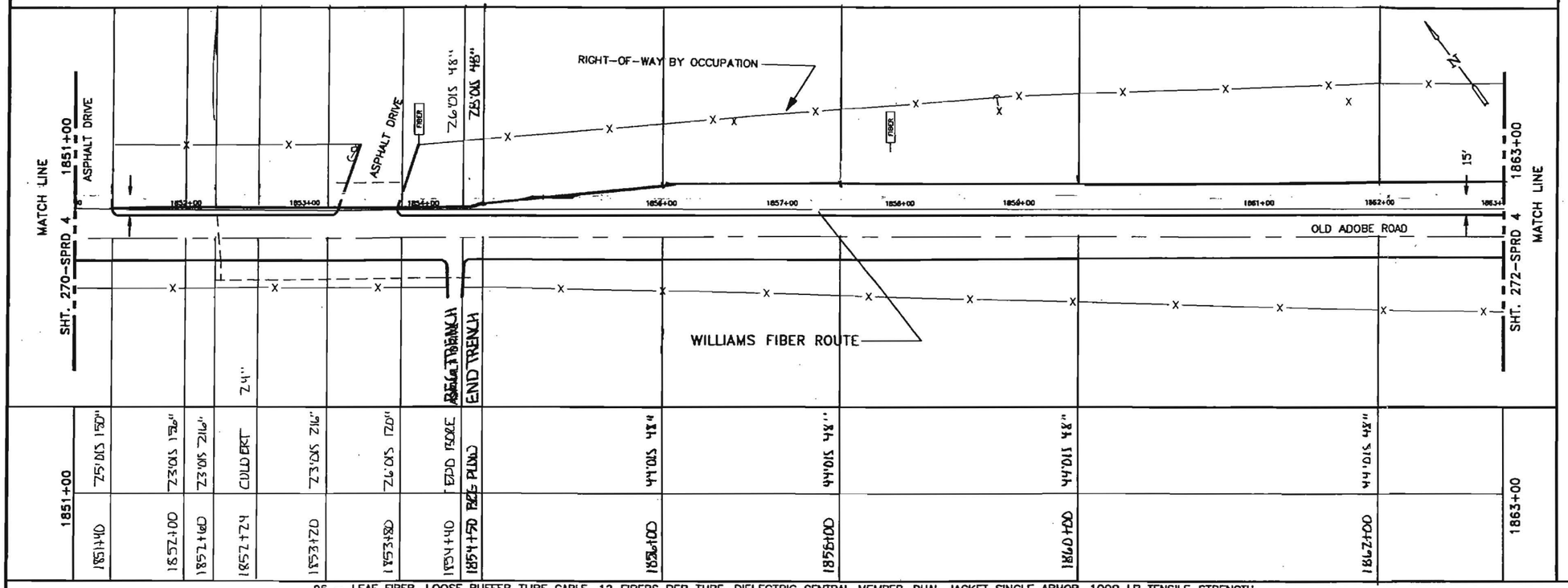
1851+25 9' RT. C/L DRIVEWAY
~~1852+20 BEGIN STEEL~~
1852+24 CULVERT
1852+24 68' RT. CULVERT
1852+29 65' RT. CULVERT
1852+28 68' RT. CULVERT
~~1852+60 END STEEL~~
1853+26 10' LT. CULVERT
1853+61 33' LT. POLE
1853+65 10' LT. C/L DRIVEWAY
1853+65 40' LT. TELE. POLE
1853+57 43' LT. FENCE CORNER
1853+59 74' RT. FENCE CORNER
1853+79 11' LT. CULVERT
1853+82 41' LT. FENCE CORNER
1854+10 65' RT. CULVERT
1854+45 SPLICE MH 27'0/S 48"
1854+39 66' RT. CULVERT
1856+65 63' LT. TELE. POLE
1858+90 81' LT. POLE
1858+92 71' LT. UTIL. POLE
1861+63 78' LT. TELE. POLE
1862+36 95' RT. FENCE CORNER

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



1851+00														1863+00
1851+40	Z5'0/S 150"	1857+00	Z3'0/S 136"	1857+40	CULVERT	1853+20	Z3'0/S 216"	1854+20	Z6'0/S 120"	1854+40	EDGE ROADWAY	1858+00	44'0/S 48"	1860+00	44'0/S 48"	1862+00	44'0/S 48"	
			Z3'0/S 216"							1854+90	BEGIN PLOW							

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK 1-1.5" HDPE RUDE 1-1.5" HDPE ORANGE

1851+00	1854+40		1854+50	
1854+40	1854+50		1863+00	
340'	10'		850'	
7 1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12-15-00 WEST COAST.	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.15.00 TIDWELL	6. GA TRACER WIRE J. SINCRAUGH 6.15.01 IN BLACK 1.25" HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.13.00 TIDWELL	

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- OR Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

FACILITY LOCATIONS ARE GENERAL IN NATURE WILLIAMS WILL NOT BE HELD ACCOUNTABLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THESE DRAWINGS.

CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION
- CABLE FIBER COUNT MFG. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
- INNERDUCT & TYPE (CORR/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE UNIT PLACE
- FUTURE-2
- FUTURE-3
- FUTURE-4

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-271-SPRD 4

Williams Construction As-Built Documentation

Spread Location: —

Spread No. 50011-48

AFE No. 4875

Contract No. 99P154.16

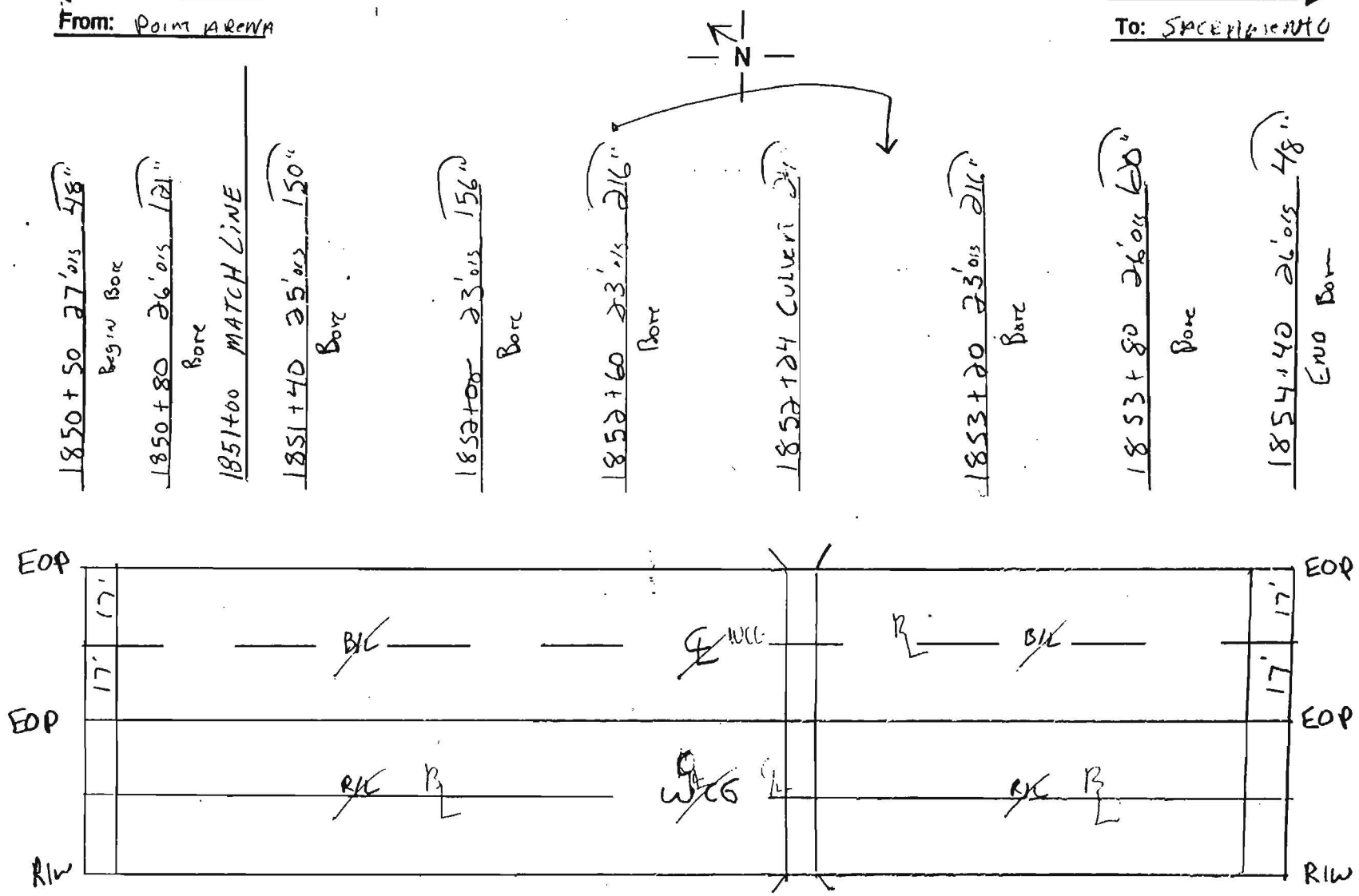
Date: 12-1-00

Page No. 1

Drawing #: SACR 270 270

From: Point Arena

To: Sacramento



Notes:

2 1½ HDPE Orange Blue

1 1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell/West Coast

Inspector:

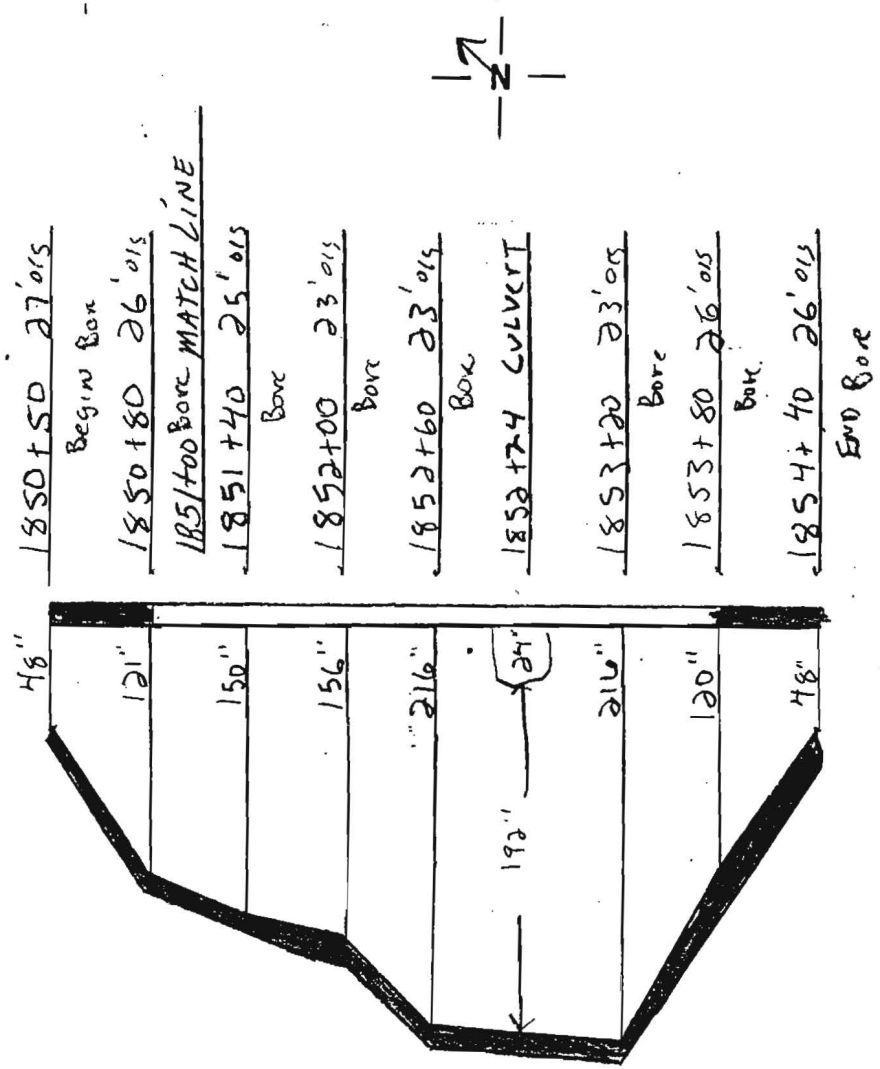
Williams Construction As-Built Documentation

Spread Location: Santa Rosa
Spread No. South4B
AFE No. 4875
Contract No. 99P154.16

Date: 12-15-00
Page No. 2 of
Drawing #: SACR 270 271

From: Point Arena

To: Sacramento



Notes: 2-1½ HDPE Orange, Blue
1-1¼ HDPE Black

County: Sonoma

Duct Configuration:

Contractor: Tidwell / West Coast

Inspector: JR Smits [redacted]

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
1854+50	28'	48"		BEG PLOW NORTH SIDE RD
1856+00	44'	48"		
1858+00	44	48"		
1860+00	44	48		
1862+00	44'	48'		
MATCHLINE				

DATE: 12-13-00	CONTRACTOR: TIDWELL
COUNTY: SONOMA	INSPECTOR: JE SMITS
ALIGN. SHT. #	PROJECT: 4B

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

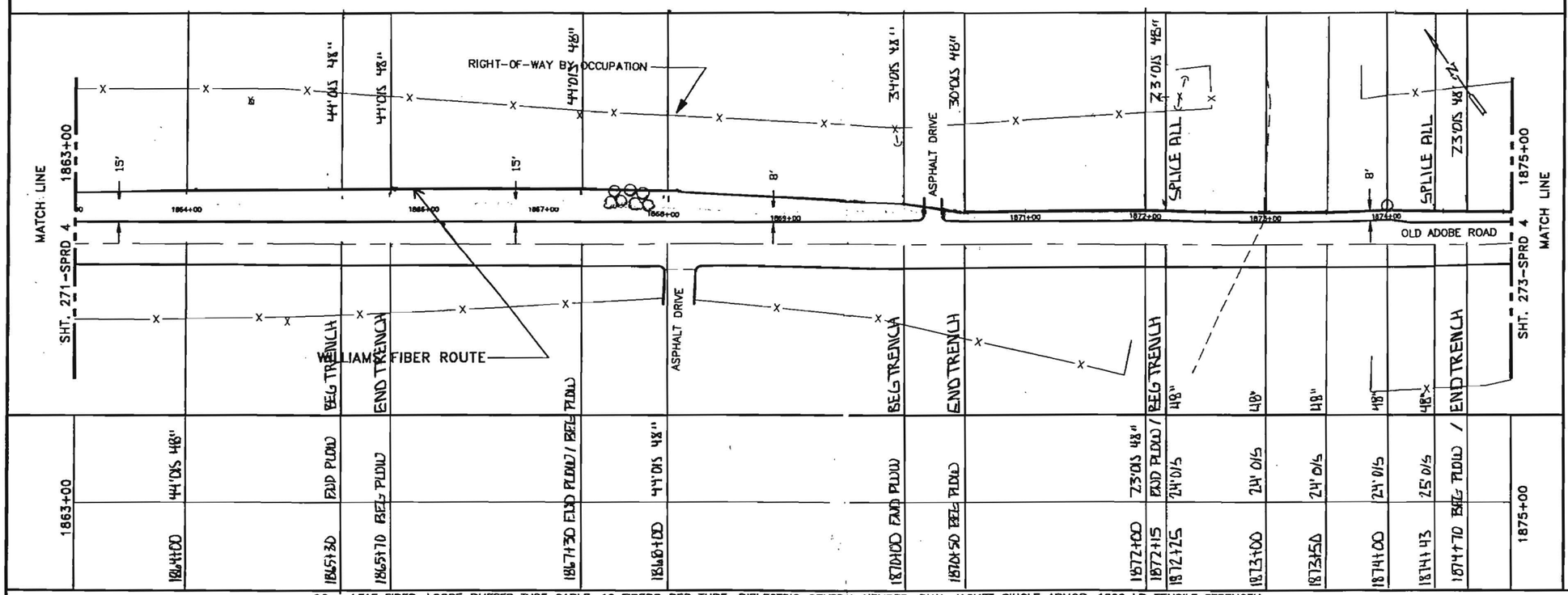
1864+62 83' LT. TELE. POLE
1864+95 97' RT. POWER POLE
1865+50 SPLICE A11 44'0/S 48"
1867+36 72' LT. TELE. POLE
1868+02 50' RT. CULVERT
1868+30 49' RT. CULVERT
1870+30 SPLICE A11 32'0/S 48"
1870+03 66' LT. TELE POLE
1870+05 55' LT. TELE POLE
1870+23 2' RT. C/L DRIVEWAY
1872+55 SPLICE A11
1872+11 93' LT. POLE
1872+24 85' LT. TELE POLE
1872+25 94' LT. TELE POLE
1872+53 85' LT. FENCE CORNER
1872+93 BEGIN STEEL
1872+88 2' RT. CULVERT
1873+03 END STEEL
1873+06 20' LT. CULVERT
1873+10 69' LT. CULVERT
1873+79 91' LT. FENCE CORNER
1874+43 SPLICE A11

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK, 1-1.5" HDPE BLUE, 1-1.5" HDPE ORANGE

1863+00	1865+30		1865+70	1867+30	1870+00	1870+50	1872+15		1874+70
1865+30	1865+70		1867+30	1870+00	1870+50	1872+15	1874+70		1875+00
230'	40'		160'	270'	50'	165'	255'		30'
1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.13.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.13.00 TIDWELL		1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.13.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.17.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.13.00 TIDWELL 6. GATRAYER WIRE J. SINCRAUGH 6.15.01 IN BLACK 1.25" HDPE	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.17.00 TIDWELL	1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 3.15.01 TIDWELL		1.11 2-1.5" HDPE 1-1.25" HDPE JR SMITS 12.17.00 TIDWELL

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
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4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2255

FOREIGN UTILITY LOCATIONS ARE APPROXIMATE. CONTACT THE LOCAL ONE CALL AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR EXACT UTILITY LOCATIONS AT :

1-800-227-2600

DRAWING DISCLAIMER

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CONSTRUCTION

REVISIONS

REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/16

CABLE DESCRIPTION
- CABLE FIBER COUNT MFG. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
- INNERDUCT & TYPE (CORR/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE UNIT PLACE
- FUTURE-2
- FUTURE-3
- FUTURE-4

COMMUNICATIONS GROUP
Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : BRV	DATE : 03/10/00
CHECKED BY : BRV	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-272-SPRD 4

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
MATCHLINE				
1864+00	44'	48"		PLOW NORTHSIDE RD
1865+30	44'	48		END PLOW
1865+70	44'	48"		BEGIN PLOW
1867+30	44'	48"		END PLOW
1867+30	44'	48"		BEG PLOW
1868+00	44	48"		PLOW
1870+00	34	48"		END PLOW
1870+50	30'	48"		BEG PLOW
1872+00	23'	48"		
1872+15	23	48"		END PLOW
1874+70				BEGIN PLOW
MATCHLINE				

DATE: 12-13-00	CONTRACTOR: TIDWELL
COUNTY: SONOMA	INSPECTOR: JE SMITH
ALIGN. SHT. #	PROJECT:

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

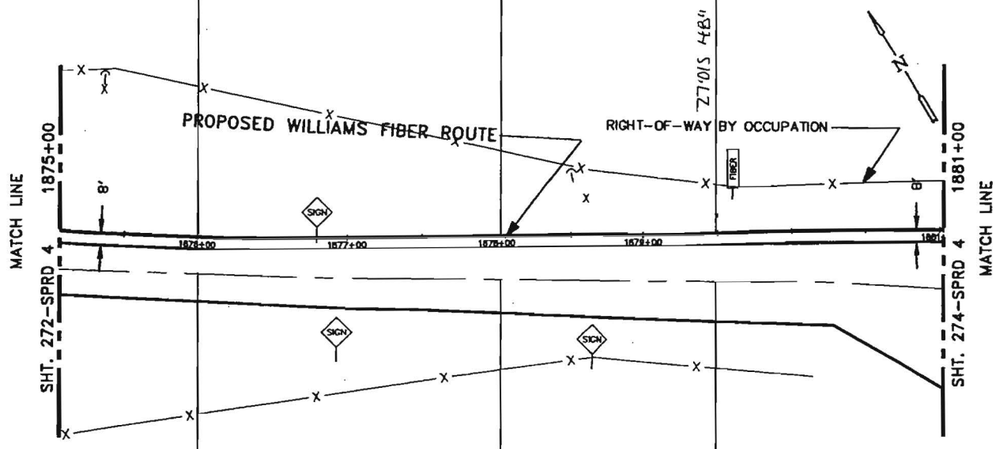
1872+11 93' LT. POLE
1872+24 85' LT. POLE
1872+25 94' LT. TELE. POLE
1872+53 85' LT. FENCE CORNER
1872+93 BEGIN STEEL
1872+98 2' RT. CULVERT
1873+03 END STEEL
1873+08 28' LT. CULVERT
1873+10 89' LT. CULVERT
1873+79 91' LT. FENCE CORNER
1875+31 94' LT. TELE. POLE
1878+59 23' LT. TELE. POLE
1879+50 SPLICE POLE
1881+01 90' RT. CULVERT
1881+01 90' RT. HEADWALL

ROAD STATIONING

← POINT ARENA

SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



1875+00	Z'OIS 48"	Z'OIS 48"	END PLOW		1881+00
	1876+00	1876+00	1879+50		

96 – LEAF FIBER, LOOSE BUFFER TUBE CABLE, 12 FIBERS PER TUBE, DIELECTRIC CENTRAL MEMBER, DUAL JACKET SINGLE ARMOR, 1000 LB TENSILE STRENGTH

REEL # N/A

N/A

1200' 1-1.5" ID HDPE, 1-1.5" ID HDPE (SPARE), 1-1.25" ID HDPE (SPARE)

1-1.25" HDPE BLACK 1-1.5" HDPE BLUE 1-1.5" HDPE ORANGE

1875+00
1879+50
450'

1011
2-1.5" HDPE
1-1.25" HDPE
J.SINCAUGH
12-12-00
TIDWELL

6. GA TRACERWIRE

J.SINCAUGH
6.15.01
IN BLACK 1.25" HDPE

Notes:
1. Cable to be installed under cross culverts.
2. Street crossings will be bored.
3. No excavation within the fill slope of the road section.
4. Exact location of begin bore and end bore will be adjusted to avoid existin utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
- Water Line
- San. Sewer
- Storm Drain
- Telephone Line
- B.I.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- EP Edge of Pavement
- EG Edge of Gravel
- FC Face of Curb
- FL Fog Line and/or White Line
- Regen Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SS Manhole
- Power Pole
- Water Valve / Meter
- Gas Valve / Meter
- Signal Pole
- Fire Hydrant
- Gas Marker
- Oil Marker
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

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STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

Williams COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : B&V	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=100'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-273-SPRD 4

DAILY TRENCHING: WILLIAMS FIBER ROUTE

DETAIL REPORT

STATION #	OFF SET	DEPTH	MILE POST	REMARKS
MATCHLINE				NORTHSIDE RD
1876+00	23'	48"		PLOW
1878+00	27'	48		PLOW
1879+50	27'	48"		END PLOW

DATE:	12-15-00	CONTRACTOR:	TIDWELL
COUNTY:	SONOMA	INSPECTOR:	JE SMITS
ALIGN. SHT. #		PROJECT:	4B