

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 4A

August 2001

REDLINES

Volume 3 of 3

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

1.11	6	49+86	53+12	326	wetland (not DFG)	Sonoma (IRU)
1.11	21	231+35	234+05	270	D/R-Asti-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 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

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 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

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 INSTALLED: (16.7 mi)				88,346	97% complete	
Length of spread by alignment sheets:				17.4 miles		

Williams COMMUNICATIONS

Inspector Daily Report

Name: GLORIA TABOR
Spread/Site Number: 4875 - 4A
Hours Worked: 12 HRS
Day: Mo (Tu) We Th Fr Sa Su
Weather: Sunny
Date: 12-5-00
Temp: 61°
Contract No: 99P154.11
Contractor: MTE
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	(2) 1½(1)1¼ H.D.P.E	X		2.11 '	159-160	800+93	806+96	603'
1	(2) 1½(1)1¼ H.D.P.E.	X		2.11	162+163	823+93	828+85	492'

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

Inspector Daily Report

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Name: Berchtold

Spread/Site Number: 44 Day: Mo Tu (We) Th Fr Sa Su Date: 11-22-00 Contract No: 99P154-11

Hours Worked: 10 Weather: clear Temp: Contractor: MGE

Contractor Equipment on Site (Quality & Type): Bore Rig, Reel trailer, 2 P.U., vac truck, 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	Dir. Bore	✓		2.11	163-164	828+85	835+49	664'

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

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Inspector Daily Report

Page 1 of 1

Name: Berchtold

Spread/Site Number: 4A | Day: Mo Tu We Th Fr (Sa) Su | Date: 11-18-00 | Contract No: 99P154-11

Hours Worked: 10 | Weather: Clear | Temp: 60° | Contractor: MGE

Contractor Equipment on Site (Quality & Type): Bore Rig, Reel trailer, bore, vac truck, 2 P.U.

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	Dir. Bore	✓		2.11	165-166	841+84	847+62	578'

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

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Williams COMMUNICATIONS

Name: Berchtold

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

Hours Worked: 10 Weather: clear Temp: 60° Contractor: M & E

Contractor Equipment on Site (Quality & Type): Bore Rig, hoe, mud trailer, vac truck, 2 P.U.

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	Dir Bore	✓		2.11	166 - 167	847+62	853+09	547'

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

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Inspector Daily Report

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Williams COMMUNICATIONS

Name: Berchtold

Spread/Site Number: 4A

Day: Mo Tu We (Th) Fr Sa Su Date: 11-9-00

Contract No: 99P154-11

Hours Worked: 10

Weather: overcast Temp: 60°

Contractor: MGE

Contractor Equipment on Site (Quality & Type): Bore Rig - Backhoe - Vac truck - mud trailer - 2 P.U. - 1 vac trailer

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	Dir. Bore	✓		2.11	167-168	853+09	858+41	532'
					SALR-168	MATCHLINE REH121		

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

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Name: Berchtold

Spread/Site Number: 4A | Day: (Mo) Tu We Th Fr Sa Su | Date: 11-13-00 | Contract No: 99P154-11

Hours Worked: 10 | Weather: Rain | Temp: 50' | Contractor: MGE

Contractor Equipment on Site (Quality & Type): Bore Rig, vac trailer, Reel trailer, mud trailer, hoe

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	Dir. Bore	✓		2.11	168-169	858+41	863+46	505'
					SALR-169	MATCHLINE 860+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

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Inspector Daily Report

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Name: Berchtold

Spread/Site Number: 4A

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

Contract No: 99p154-11

Hours Worked: 10

Weather: clear Temp: 60

Contractor: MGE

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	Dir Bore	V		2.11	169-170	863+46	867+78	432'
					SHLR - 170	MATCHLINE 866+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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Inspector Daily Report

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Williams COMMUNICATIONS

Name: Berchtold

Spread/Site Number: 4A Day: (Mo) Tu We Th Fr Sa Su Date: 11-13-00 Contract No: 99P154-11

Hours Worked: 10 Weather: Rain Temp: 50° Contractor: MGE

Contractor Equipment on Site (Quality & Type): Bore Rig, hoe, mud Rig, 2 pu, 1 vac trailer

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	Dir Bore	V		2.11	170	867+78	871+38	360'

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

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Name: GLORIA TABOR

Spread/Site Number: 4B75 SPREAD 4A

Hours Worked: 10 HRS

Day: Mo (Tu) We Th Fr Sa Su

Date: 11-07-00

Weather: SUNNY

Temp: 56°

Contract No: 99P154.11

Contractor: MGE

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	(2) 1½ (1) 1¼ H.D.P.E.	X		2.11	SACR 170-171	871+38	876+44	506'
					SACR-171	MAINLINE 872+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 1

Name: Berchtold

Spread/Site Number: 4A

Day: Mo Tu We Th (Fr) Sa Su Date: 11-10-00 Contract No: 99P154-11

Hours Worked: 10 Weather: clear Temp: 60° Contractor: MGE

Contractor Equipment on Site (Quality & Type): Bore Rig, - vac-truck, mud trailer, Backhoe, 2 P.U.

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	Dir. Bore	✓		2.11	171-172	876+44	882+27	583'
					SPLR-172	MATCHLINE 878+12		

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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Dore

Williams COMMUNICATIONS

Inspector Daily Report

Name: GLORIA TABOR
Spread/Site Number: 4875-4A
Hours Worked: 10 HRS
Day: Mo (Tu) We Th Fr Sa Su
Date: 5-1-01
Weather: SUNNY
Temp: 82°
Contract No: 99P154.11
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 H.D.P.E (2) 1½ (1) 1¼ (SPRING CREEK)	X		2.11	174	892+64	894+04	140' ✓
1	INSTALL H.D.P.E (2) 1½ (1) 1¼ (SANTA ROSA CREEK)	X		2.11	172	882+27	884+15	188' ✓

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: PULLED H.D.P.E SPRING CREEK + SANTA ROSA CREEK

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

Done

Inspector Daily Report

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Williams COMMUNICATIONS

Name: GLORIA TABOR
Spread/Site Number: 4875-4A
Hours Worked: 10 HRS
Day: Mo Tu We (Th) Fr Sa Su
Date: 3-8-01
Weather: SUNNY
Temp: 62°
Contract No: 99P154.11
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 6" STEEL	X		4.113	172	882+47	884+07	1 ✓
1	INSTALL M.H BOX	X		3.42	172	882+27		1 ✓
1	INSTALL M.H. BOX	X		3.42	172	884+15		1 ✓

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
(1)	BRIDGE ATTACHMENT –		SANTA ROSA CREEK @ BROOKWOOD AVE.		

REMARKS: SANTA ROSA – SANTA ROSA BRIDGE ATTACTMENT.

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Williams COMMUNICATIONS

Inspector Daily Report

Name: Berchtold

Spread/Site Number: 4A Day: Mo Tu (We) Th Fr Sa Su Date: 11-15-00 Contract No: 99P154-11

Hours Worked: 10 Weather: overcast Temp: 50' Contractor: MGE

Contractor Equipment on Site (Quality & Type): Bore Rig, mud trailer, hoe, vac trucks, Reel trailer, 2 P.U.

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	Dir. Bore	✓		2.11	172 - 173	884+15	888+90	475'
					SALR-173	MATCHLINE 8844+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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Williams COMMUNICATIONS

Inspector Daily Report

Name: Berchtold

Spread/Site Number: 44 Day: Mo Tu We Th (Fr) Sa Su Date: 11-17-00 Contract No: 99P154-11

Hours Worked: 10 Weather: clear Temp: 60° Contractor: MGE

Contractor Equipment on Site (Quality & Type): Bore Rig, bac, mud trailer, 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	Dir Bore	✓		2.11	173-174	888+90	892+64	374'
					SAME - 174	MATCHLINE 890+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

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Inspector Daily Report

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Name: GLORIA TABOR
Spread/Site Number: 4875-4A
Hours Worked: 10 HRS
Day: Mo (Tu) We Th Fr Sa Su
Date: 5-1-01
Weather: SUNNY
Temp: 82°
Contract No: 99P154.11
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 H.D.P.E (2) 1½ (1) 1¼ (SPRING CREEK)	X		2.11	174	892+64	894+04	140' ✓
1	INSTALL H.D.P.E (2) 1½ (1) 1¼ (SANTA ROSA CREEK)	X		2.11	172	882+27	884+15	188' ✓

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: PULLED H.D.P.E SPRING CREEK + SANTA ROSA CREEK

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Inspector Daily Report

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Name: GLORIA TABOR
Spread/Site Number: 4875 - 4A
Hours Worked: 10 HRS
Day: Mo Tu We Th Fr Sa Su
Date: 3-30-01
Weather: Sunny
Temp: 71°
Contract No: 99P134.11
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	BOX SET M/H	X		3.42	174	892+64		1 ✓
1	BOX SET M/H	X		3.42	174	894+04		1 ✓
1	INSTALL 6" GIP STEEL	X		4.VIII	174	892+72	893+88	1 ✓

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: SPRING CREEK BRIDGE ATTACHMENT ON BROOKWOOD

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Inspector Daily Report

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Name: GLORIA TABOR
Spread/Site Number: 4875 4A
Hours Worked: 10 HRS
Day: Mo Tu We Th Fr (Sa) Su
Date: 11-18-00
Weather: SUNNY
Temp: 67°
Contract No: 99P154.11
Contractor: MBE
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	(2) 1½ (1) 1¼ H.D.P.E	X		2.11	174 & 175	894+04	896+70	266'
2	(2) 1½ (1) 1¼ H.D.P.E	X		2.11	175 & 176	905+00	910+72	572'
					SALR- 175	MATCHLINE 896+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: BORES WONT WELL

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Inspector Daily Report

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Name: GLORIA TABOR
Spread/Site Number: 4875-A
Hours Worked: 10 HRS
Day: Mo Tu We (Th) Fr Sa Su
Date: 1-18-01
Weather: Sunny
Temp: 60°
Contract No: 99154.11
Contractor: MGE
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 BOX M/H	X		3.42	175	[redacted]		1
1	INSTALL BOX M/H	X		3.42	175	[redacted]		1
1	INSTALL H.D.P.E. (2) 1½ (1) ¼	X		2.11	184-185	953+72	960+12	640'

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: GLORIA TABOR
Spread/Site Number: 4875-4A
Hours Worked: 10 HRS
Day: Mo (Tu) We Th Fr Sa Su
Date: 1-16-01
Weather: SUNNY
Temp: 52°
Contract No: 99P154.11
Contractor: MGE
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	(2) 1½ (1) 1¼ HDPE	X		2.11	183	944+87	950+14	527'
1	INSTALL MANHOLE BOX	X		3.42	182	940+41		1
1	(2) 1½ (1) 1¼ H.D.P.E.	X		2.11	175	896+70	899+03	233'
1	(2) 1½ (1) 1¼ H.D.P.E	X		2.11	195	1034+25	964+50	426'

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: EQUATION 1036+00 = 961+89

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Williams COMMUNICATIONS

Inspector Daily Report

Name: GLORIA TABOR

Spread/Site Number: 4875 4-A

Day: Mo Tu We Th (Fr) Sa Su Date: 11-17-00

Contract No: 99P154.11

Hours Worked: 10 HRS

Weather: SUNNY Temp: 67° Contractor: M&E.

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	(2) 1½ (1) 1¼ H.D.P.E.	X		2.11	SACR 175-176	899+03	905+00	597'

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: BORE WEST WELL

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Inspector Daily Report

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Name: GLORIA TABOR
Spread/Site Number: 4875 4A
Hours Worked: 10 HRS

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

Date: 11-18-00
Temp: 67°

Contract No: 99P154.11
Contractor: MGE

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	(2) 1½ (1) 1¼ H.D.P.E	X		2.11	174 & 175	894+04	896+70	266'
2	(2) 1½ (1) 1¼ H.D.P.E	X		2.11	175 & 176	905+00	910+72	572'

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: BORES WONT WELL

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Inspector Daily Report

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Name: GLORIA TABOR
Spread/Site Number: 4875-4A
Hours Worked: 10 HRS
Day: Mo Tu We (Th) Fr Sa Su
Weather: Sunny
Date: 3-29-01
Temp: 72°
Contract No: 99P154.11
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	2 1/2 O.D. 1/4 H.D.P.E	X		2.11	177-178	916+72	917+58	686'
						MATCHLINE 4WH20		

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: 686' BORE ON BROOKWOOD - UNDER HWY 12 CROSSING
5" CASING ALSO PULLED IN.

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Inspector Daily Report

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Name: CLINT SMITH

Spread/Site Number: 4A

Day: Mo (Tu) We Th Fr Sa Su Date: 1-9-2001 Contract No: _____

Hours Worked: 10 Weather: POOR TO RAINY Temp: 63° Contractor: MGE UNDERGROUND

Contractor Equipment on Site (Quality & Type): 1-BORE, 1-BACKHOE, 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.	HDPE 2-1½ AND 1-1¼	✓		2.11	178 TO 179	917+58	923+33	575'
					SACR-179	MATCHLINE 920+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: PULLED IN 575' OF 2-1½ AND 1-1¼ HDPE

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Inspector Daily Report

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Williams COMMUNICATIONS

Name: Berchtold

Spread/Site Number: 4A

Day: Mo (Tu) We Th Fr Sa Su

Date: 11-21-00

Contract No: 990154-11

Hours Worked: 10

Weather: Rain

Temp: 50°

Contractor: M & E

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	Dir Bore	✓		2.11	179 - 180	923+33	929+06	573'
					SACR. 180	SPATELINE	926+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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Inspector Daily Report

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Williams COMMUNICATIONS

Name: Berchtold

Spread/Site Number: 4A Day: (Mo) Tu We Th Fr Sa Su Date: 11-20-00 Contract No: 99P154-11

Hours Worked: 10 Weather: clear Temp: 60° Contractor: M&E

Contractor Equipment on Site (Quality & Type): 2 Bore rigs, 2 hoes, 2 mud trucks, vac truck, vac trailer, 4 p.u.

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	Dir. Bore	✓		2.11	180 - 181	929+06	935+07	601'
2	Dir. Bore	✓		2.11	164 - 165	835+49	841+84	635'
					SALR- 181	MATCHLINE 932+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

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Williams COMMUNICATIONS

Inspector Daily Report

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Name: GLORIA TABOR

Spread/Site Number: 4875 - 4A

Hours Worked: 10 HRS

Day: (Mo) Tu We Th Fr Sa Su Date: 1-8-00

Weather: CLOUDY - RAINY Temp: 58

Contract No: 99P154.11

Contractor: MGE

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	(2) 1½ (1) 1¼ HDPE (MGE)	X		2.11	181-182	935+07	940+41	534'

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

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Name: GLORIA TABOR
Spread/Site Number: 4875 - 4A
Hours Worked: 10 HRS
Day: Mo (Tu) We Th Fr Sa Su
Date: 1-11-01
Weather: CLOUDY-RAIN
Temp: 58°
Contract No: 99P154.11
Contractor: MGE
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	(2) 1½ (1) 1¼ H.D.P.E	X		2.11	182-183	940+41	944+87	446'
					SHEET - 183	MATCHLINE 944+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

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Inspector Daily Report

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Name: Gloria Tabor
Spread/Site Number: 4875-4A
Hours Worked: 10 HRS
Day: Mo (Tu) We Th Fr Sa Su
Date: 1-16-01
Contract No: 99P154.11
Weather: Sunny
Temp: 52°
Contractor: MGE
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	(2) 1½ (1) 1¼ HDPE	X		2.11	183	944+87	950+14	527'
1	INSTALL MANHOLE BOX	X		3.42	182	940+41		1
1	(2) 1½ (1) 1¼ H.D.P.E.	X		2.11	175	896+70	899+03	233'
1	(2) 1½ (1) 1¼ H.D.P.E	X		2.11	195	1034+25	964+50	426'

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: EQUATION 1036+00 = 961+89

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For[redacted]15 REV. 10/98

Inspector Daily Report

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Name: GLORIA TABOR
Spread/Site Number: HB75-4A
Hours Worked: 10 HRS
Day: Mo (Tu) We Th Fr Sa Su
Date: 1-9-01
Weather: RAINY
Temp: 38'
Contract No: 99P154.11
Contractor: MGE
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	(2) 1½ (1) 1¼ H.D.P.E.	X		2.11	183 - 184	950+14	953+72	358'
						MATCHLINE 950+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

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Inspector Daily Report

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Name: GLORIA TABOR
Spread/Site Number: #875-A
Hours Worked: 10 HRS
Day: Mo Tu We (Th) Fr Sa Su
Date: 1-18-01
Weather: Sunny
Temp: 60°
Contract No: P99154.11
Contractor: MGE
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 BOX M/H	X		3.42	175	899+03		1
1	INSTALL BOX M/H	X		3.42	175	896+70		1
1	INSTALL H.D.P.E. (2) 1½ (1) ¼	X		2.11	184-185	953+72	960+12	640'
					SAGE-185	MATCHLINE	960+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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Inspector Daily Report

Page 1 of 1

Name: GLORIA TABOR
Spread/Site Number: 4875-4A
Hours Worked: 10 HRS
Day: (Mo) Tu We Th Fr Sa Su
Date: 1-22-01
Weather: SUNNY
Temp: 55'
Contract No: P9915H.11
Contractor: MGE
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 H.D.P.E. (2) 1 1/2 (1) 1/4	X		2.11	185-186	960+12	965+15	503'
						MATCHLINE 962+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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Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: GLORIA TABOR
Spread/Site Number: 4875-4A
Hours Worked: 10 HRS
Day: Mo Tu (We) Th Fr Sa Su
Weather: PARTLY SUNNY
Date: 1-23-01
Temp: 57°
Contract No: P99154.11
Contractor: M.G.E.
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 MAN HOLE BOX	X		3.42	185	960+12		1
1	INSTALL HDPE (2)1½ (1)1¼	X		2.11	186-187	965+15	970+80	565'
1	INSTALL HDPE (3)1½ (1)1¼	X		2.11	190-191	988+25	993+73	548'
1	INSTALL HDPE (2)1½ (1)1¼	X		2.11	191-192	993+73	998+69	496'
						MATCH LINE 968+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: (3) TIE-ENDS ① STA # 1020+37 ② STA # 1025+86 ③ Sta # 964+50 ④ Sta # 1030+26

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Form J5 REV. 10/98

Inspector Daily Report

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Name: GLORIA TABOR
Spread/Site Number: H875-4A
Hours Worked: 10 HRS
Day: (Mo) Tu We Th Fr Sa Su
Date: 2-5-01
Weather: Sunny
Temp: 63'
Contract No: P99154.11
Contractor: M&E
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	Installed HDPE (2) 1¼"	X		2.11	187-188	970+80	975+52	472' V
						MATCHLINE 974+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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Inspector Daily Report

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Name: GLORIA TABOR

Spread/Site Number: 4875-4A

Day: Mo (Tu) We Th Fr Sa Su Date: 2-13-01

Contract No: P99154.11

Hours Worked: 10 HRS

Weather: Sunny Temp: 51

Contractor: M.G.E.

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.
								378
1	INSTALLED H.D.P.E(2)1½(1)1¼	X		2.11	188	975+52	979+30	~~387'~~ ✓
1	INSTALL BOX	X		3.42	150	757+02		1 ✓

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

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Williams COMMUNICATIONS

Name: GLORIA TABOR

Spread/Site Number: 4875-4A

Hours Worked: 10 HRS

Day: Mo Tu We (Th) Fr Sa Su

Weather: CLOUDY

Date: 2-15-01

Temp: 48°

Contract No: P99154.11

Contractor: MGE

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 H.D.P.E. (2) 1½ (1) 1¼	X		2.11	188-189	979+30	984+30	500' ✓
						MATCHLINE 980+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

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Williams COMMUNICATIONS

Name: GLORIA TABOR

Spread/Site Number: 4875 - 4A

Hours Worked: 10 HRS

Day: Mo Tu We Th (Fr) Sa Su

Date: 2-2-01

Weather: Cloudy

Temp: 58

Contract No: P99154.11

Contractor: MGE

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 H.D.P.E (2) 1½ (1) 1¼	X		2.11	189-190	984+30	988+25	395' ✓
						MATCHLINE 986+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: TIE-END AT Sta # 1014+90

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Inspector Daily Report

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Name: GLORIA TABOR
Spread/Site Number: 4875-4A
Hours Worked: 10 HRS
Day: Mo (Tu) We Th Fr Sa Su
Date: 1-30-01
Weather: SUNNY
Temp: 60°
Contract No: 899154.11
Contractor: M.G.E.
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 N.D.P.E(2) 1½(0) 1¼	X		2.11	193	1004+59	1008+66	407' ✓
1	Install MAN HOLE BOX	X		3.42	192	998+69		1 ✓

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: TIE-END AT Sta # 993+73

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Distribution: Origi[redacted] Supervisor Yellow - Contractor Pink - Inspector

Form 2[redacted]5 REV. 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: GLORIA TABOR
Spread/Site Number: 4875-4A
Hours Worked: 10 HRS
Day: (Mo) Tu We Th Fr Sa Su
Date: 1-29-01
Weather: Sunny
Temp: 59
Contract No: P99154.11
Contractor: MGE
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 H.D.PE. Ø 1 1/2 (") 1 1/4	X		2.11	192-193	998+69	1004+59	590' ✓
						MATCHLINE 1002+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:

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: Ori[redacted]oad Supervisor Yellow - Contractor Pink - Inspector

Fo[redacted]05 REV. 10/98

Inspector Daily Report

Page 1 of 1

Name: GLORIA TABOR
Spread/Site Number: 4875-4A
Hours Worked: 10 HRS

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

Date: 1-30-01
Temp: 60°

Contract No: 699154.11
Contractor: M.G.E.

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 H.D.P.E(2)1½(1)1¼	X		2.11	193	1004+59	1008+66	407' ✓
1	Install MANHOLE BOX	X		3.42	192	998+69		1 ✓

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: TIE-END AT Sta # 993+73

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Distribution: Original and Supervisor Yellow - Contractor Pink - Inspector

Form 2[illegible].5 REV. 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: GLORIA TABOR
Spread/Site Number: 4875-4A
Hours Worked: 10 HRS
Day: Mo Tu (We) Th Fr Sa Su
Date: 1-31-01
Weather: Sunny
Temp: 61°
Contract No: P99154.11
Contractor: MGE
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		X		2.11	193-194	1008+66	1014+90	624' V
							OFFset @ 1014+90	
							IS QUESTIONable	
							16' or 21'	
						MATCHLINE 1014+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: TIE-END AT Sta # 1004+59

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Distribution: Orig[illegible]ad Supervisor Yellow - Contractor Pink - Inspector

Form[illegible]5 REV. 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: GLORIA TABOR
Spread/Site Number: 4875-7A
Hours Worked: 10 HRS
Day: Mo Tu We Th (Fr) Sa Su
Weather: SUNNY
Date: 1-19-01
Temp: 61°
Contract No: P99154,11
Contractor: MGE
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	INSTALLED HDPE(2)1½(1)¼	X		2.11	194	1014+90	1020+37	547'
1	INSTALLED HDPE(2)1½(1)¼	X		2.11	151-152	760+98	764+29	331'

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 - Lead Supervisor Yellow - Contractor Pink - Inspector

Form J05 REV. 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Page 1 of 1

Name: GLORIA TABOR
Spread/Site Number: 4875-4A
Hours Worked: 10 HRS
Day: Mo (Tu) We Th Fr Sa Su
Date: 1-23-01
Weather: RAIN
Temp: 52°
Contract No: A99154.11
Contractor: MGE
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 (2) 1½ (1) 1¼	X		2.11	194	1020+37	1025+86	549' ✓
							QUESTION ON OFFSETS 16 OR 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: Origi[redacted]d Supervisor Yellow - Contractor Pink - Inspector

Form [redacted] REV. 10/98

Inspector Daily Report

Page 1 of 1

Williams COMMUNICATIONS

Name: GLORIA TABOR
Spread/Site Number: HB75-4A
Hours Worked: 10 HRS.
Day: Mo Tu We Th Fr (Sa) Su
Weather: PT. CLOUDY
Date: 1-20-01
Temp: 54°
Contract No: P99154.11
Contractor: MGE
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	INSTALLED H.D.P.E. (2) 1¼ DR 11	X		2.11	195	1025+86	1030+26	440'
					MATCHLINE	1027+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 Supervisor Yellow - Contractor Pink - Inspector

Form 5 REV. 10/98

Inspector Daily Report

Page 1 of 1

Name: GLORIA TABOR
Spread/Site Number: 4875 - 4A
Hours Worked: 10 HRS
Day: Mo Tu We Th Fr (Sa) Su
Date: 2-3-01
Weather: SUNNY
Temp: 56°
Contract No: P99154.11
Contractor: MGE
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 H.D.P.E. (2) 1½ (1) 1¼	X		2.11	151-152	759+60	760+85	~~139'~~ 138' ✓
1	INSTALL MANHOLE	X		3.42	195	1080+26		1 ✓
1	INSTALL H.D.A.E. (2) 1½ (1) 1¼	X		2.11	150-151	757+02	760+55	353' ✓
						EQUATION 760+55 EQUALS 759+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: EQUATION 760+55 EQUALS 759+60 AHEAD ↑BACK

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

Form [illegible].005 REV. 10/98

Williams COMMUNICATIONS

Inspector Daily Report

Page ____ of ____

Name: GLORIA TABOR
Spread/Site Number: 4875-HA
Hours Worked: 10 HRS
Day: Mo Tu (We) Th Fr Sa Su
Date: 1-17-01
Weather: Sunny
Temp: 60°
Contract No: P99134.11
Contractor: MGE
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	(2)1½(1)¼ H.O.P.E	X		2.11	195	1030+26	1034+35	409'

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: Origi[redacted]d Supervisor Yellow - Contractor Pink - Inspector

Form [redacted]5 REV. 10/98

Inspector Daily Report

Page 1 of 1

Name: GLORIA TABOR
Spread/Site Number: 4875-4A
Hours Worked: 10 HRS
Day: Mo (Tu) We Th Fr Sa Su
Date: 1-16-01
Weather: SUNNY
Temp: 52°
Contract No: 999154.11
Contractor: MGE
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	(2) 1½ (1) 1¼ HDPE	X		2.11	183	944+81	950+14	527'
1	INSTALL MANHOLE BOX	X		3.42	182	940+41		1
1	(2) 1½ (1) 1¼ H.D.P.E.	X		2.11	175	896+70	899+03	233'
1	(2) 1½ (1) 1¼ H.D.P.E	X		2.11	195	1034+25	964+50	426'

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: EQUATION 1036+00 = 961+89

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

Inspector Daily Report

Page 1 of 1

Name: GLORIA TABOR

Spread/Site Number: 4875 - 4A

Hours Worked: 10 HRS

Day: Mo Tu (We) Th Fr Sa Su

Weather: RAINY

Date: 1-10-00

Temp: 54°

Contract No: 99P154.11

Contractor: MGE.

Contractor Equipment on Site (Quality & Type): INSTALL MAN HOLE BOX

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 MAN-HOLE	X		3.42	158	796+06 = 795+00		1
2.	INSTALL MANHOLE	X		3.42	166	841+84		1

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 - Lead Supervisor Yellow - Contractor Pink - Inspector

Form 2[illegible].05 REV. 10/98

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

824+24 14' LT. SANITARY MH
824+25 16' LT. WATER VALVE
824+28 42' LT. SANITARY MH
824+34 GAS LINE
824+38 7' RT. WATER VALVE

824+64 GAS LINE
824+64 4' RT. CL DRIVEWAY

825+49 GAS LINE
825+51 5' RT. CL DRIVEWAY
825+56 21' LT. WATER VALVE
825+57 47' LT. WATER VALVE

825+72 5' RT. CL DRIVEWAY
825+74 45' LT. POWER POLE

828+02 21' LT. WATER VALVE
828+03 47' LT. WATER VALVE

826+37 45' LT. CATCH BASIN
826+38 8' RT. CATCH BASIN

828+49 GAS LINE

826+56 7' RT. CL DRIVEWAY

828+75 13' LT. SANITARY MH

827+48 CL DRIVEWAY
827+54 17' RT. CATCH BASIN
827+55 10' RT. WATER VALVE
827+58 10' RT. WATER VALVE
827+69 GAS LINE

827+85 45' LT. WATER VALVE

827+98 46' LT. FIRE HYDRANT
827+97 21' LT. WATER VALVE
828+00 10' RT. WATER VALVE
828+03 10' RT. WATER VALVE
828+04 20' LT. WATER VALVE
828+06 17' RT. GUY
828+09 GAS LINE
828+15 16' RT. POWER POLE
828+18 49' LT. WATER VALVE
828+23 32' LT. MANHOLE
828+28 85' LT. SANITARY MH
828+35 SEWER LINE
828+36 11' LT. SANITARY MH
828+44 23' RT. WATER VALVE
828+46 WATER LINE
828+46 19' LT. WATER VALVE
828+54 20' RT. SIGN
828+57 44' LT. CATCH BASIN

828+79 44' LT. POWER POLE

828+93 46' LT. SANITARY MH
828+95 GAS LINE
829+04 WATER LINE

829+30 GAS LINE
829+37 SEWER LINE
829+38 50' LT. SANITARY MH
829+43 12' RT. WATER LINE
829+46 WATER LINE
829+48 6' RT. CL DRIVEWAY
829+56 44' LT. WATER VALVE

829+74 5' RT. CL DRIVEWAY
829+76 SEWER LINE

829+85 WATER LINE
829+85 14' RT. WATER VALVE

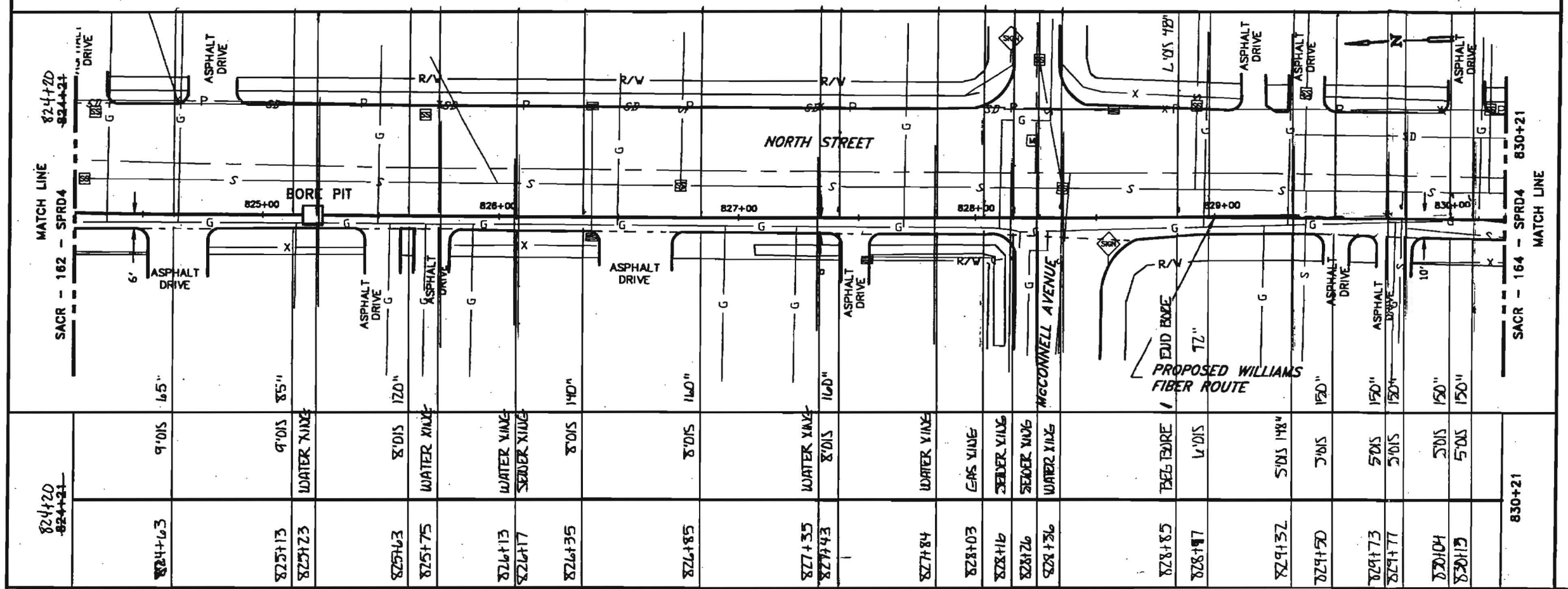
830+10 GAS LINE
830+14 43' LT. SANITARY MH
830+20 13' RT. WATER VALVE

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
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, 1-1.5" BLUE, 1-1.5" ORANGE

824+20	828+85
828+85	830+21
465'	136'
2.11	2.11
2-1.5" HDPE	2-1.5" HDPE
1-1.25" HDPE	1-1.25" HDPE
GLORIA TARGE	GARY BERCHTOLD
12.5_DD	11_22_00
MGE	MGE
	828+92 WATER
	829+73 WATER
	829+77 WATER
	830+04 GAS
	830+13 WATER
IN BLACK 1.25 HDPE	WIRE
GSA TRAILER	TARGET
GLORIA	

* OFFSETS WERE TAKEN FROM EDP OUTSIDE OF STREET

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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the 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 Ground
- 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
3	REVISED RUNNING LINE	MW	10/20

CABLE FIBER COUNT MFR. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (DUCT/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

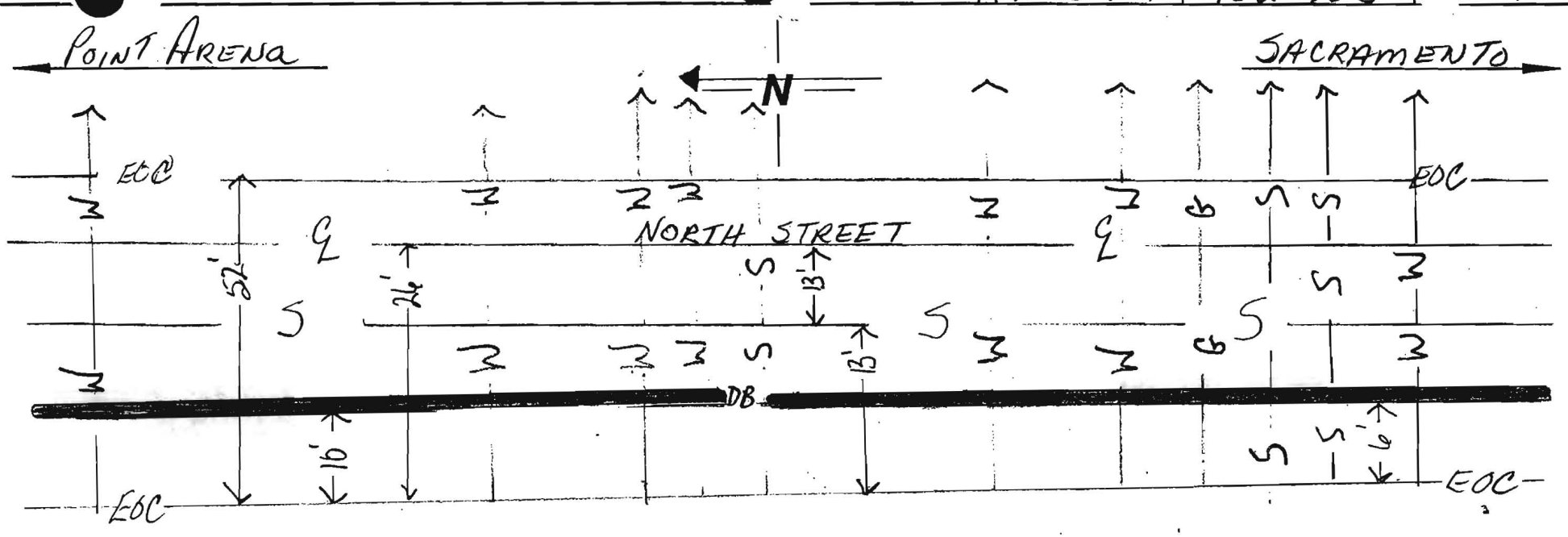
WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=50'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-163-SPRD4

W[illegible]MS CONSTRUCTION AS-BUILT DOCUMENTATI[illegible]

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
3-5-00	99P154.11	162-163	4A



Sta# 823+83 18"ø
IBEB BORE 48"

Sta# 824+17 50±
WTR X-ING 33"

Sta# 824+20
match line

Sta# 824+63 8.1%s
WCG 85"

Sta# 825+13 9.1%s
WCG 85"

Sta# 825+23 118"
WTR X-ING 33"

Sta# 825+63 8.1%s
WCG 120"

Sta# 825+75 120"
WTR X-ING 33"

Sta# 826+13 130"
WTR X-ING 33"

Sta# 826+17 130"
SEWER X-ING 48"

Sta# 826+35 8.1%s
WCG 140"

Sta# 826+85 8.1%s
WCG 160"

Sta# 827+35 160'
WTR 2" X-ING 33"

Sta# 827+43 8.1%s
WCG 160"

Sta# 827+84 Steel
WTR 2" X-ING 33"

Sta# 828+03 160"
GAS 4" X-ING 36"

Sta# 828+16 160"
SEWER 48"

Sta# 828+26 160"
SEWER 48"

Sta# 828+36 160"
WTR X-ING 33"

Sta# 828+85 6.1%s
END BORE 48"

NOTES:
492' BORE

PAGE OF

COUNTY:
Sonoma

DUCT CONFIGURATION:
(2) 1½ (1) 1¼ H.D.P.E.

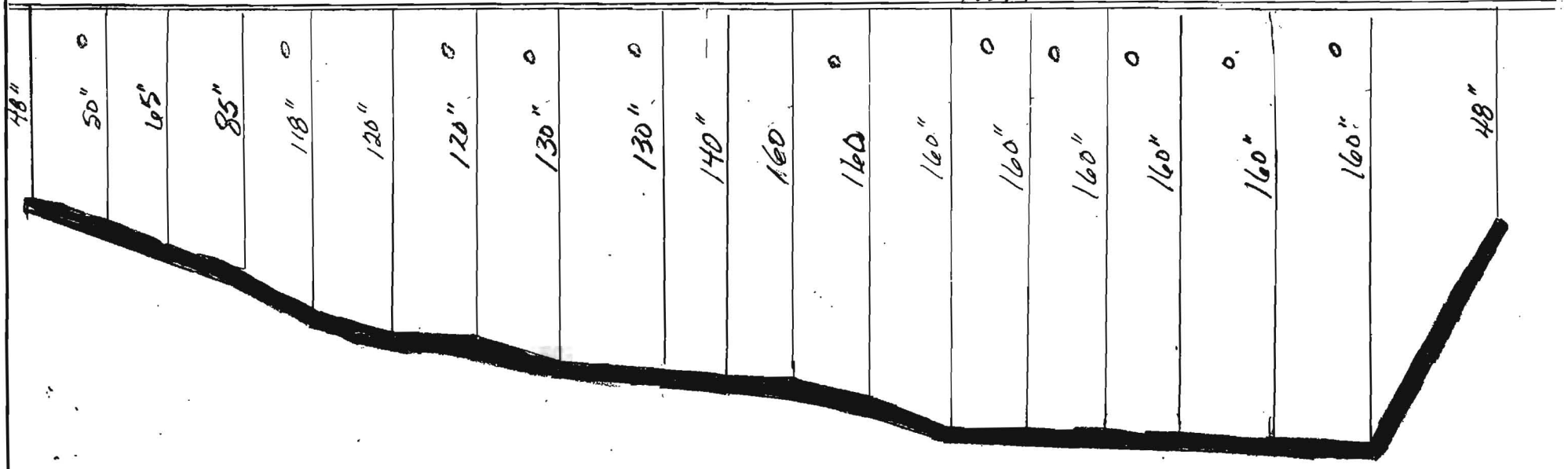
CONTRACTOR:
MGE

INSPECTOR:
GLORIA TABOR

W[illegible]MS CONSTRUCTION AS-BUILT DOCUMENTATI[illegible]

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#:	SPREAD:
12-5-00	99P154.11	162-163	4A

POINT ARENA ← N → SACRAMENTO



Sta# 823+25 10%
DEE BORE 48"
Sta# 824+17 50"
WTR X-ING 33"
Sta# 824+63 9'%
WCG 65"
Sta# 825+15 9'%
WCG 85"
Sta# 825+33 118"
WTR X-ING 33"
Sta# 825+63 8'%
WCG 120"
Sta# 825+75 120"
WTR X-ING 33"
Sta# 826+13 130"
WTR X-ING 33"
Sta# 826+17 130"
SEWER X-ING 48"
Sta# 826+35 8'%
WCG 140"
Sta# 826+85 8'%
WCG 160"
Sta# 827+35 160"
WTR 2" X-ING 33"
Sta# 827+43 8'%
WCG 160"
Sta# 827+84 160"
WTR X-ING 33"
Sta# 828+03 160"
GAS 4" X-ING 36"
Sta# 828+16 160"
SEWER X-ING 48"
Sta# 828+27 160"
SEWER X-ING 48"
Sta# 828+36 160"
WTR X-ING 33"
Sta# 828+45 6'%
END BORE 48"

NOTES:
492' BORE

COUNTY:
SONOMA

CONTRACTOR:
MBE

DUCT CONFIGURATION:
(2) 1½ (1) 1¼ H.D.P.E.

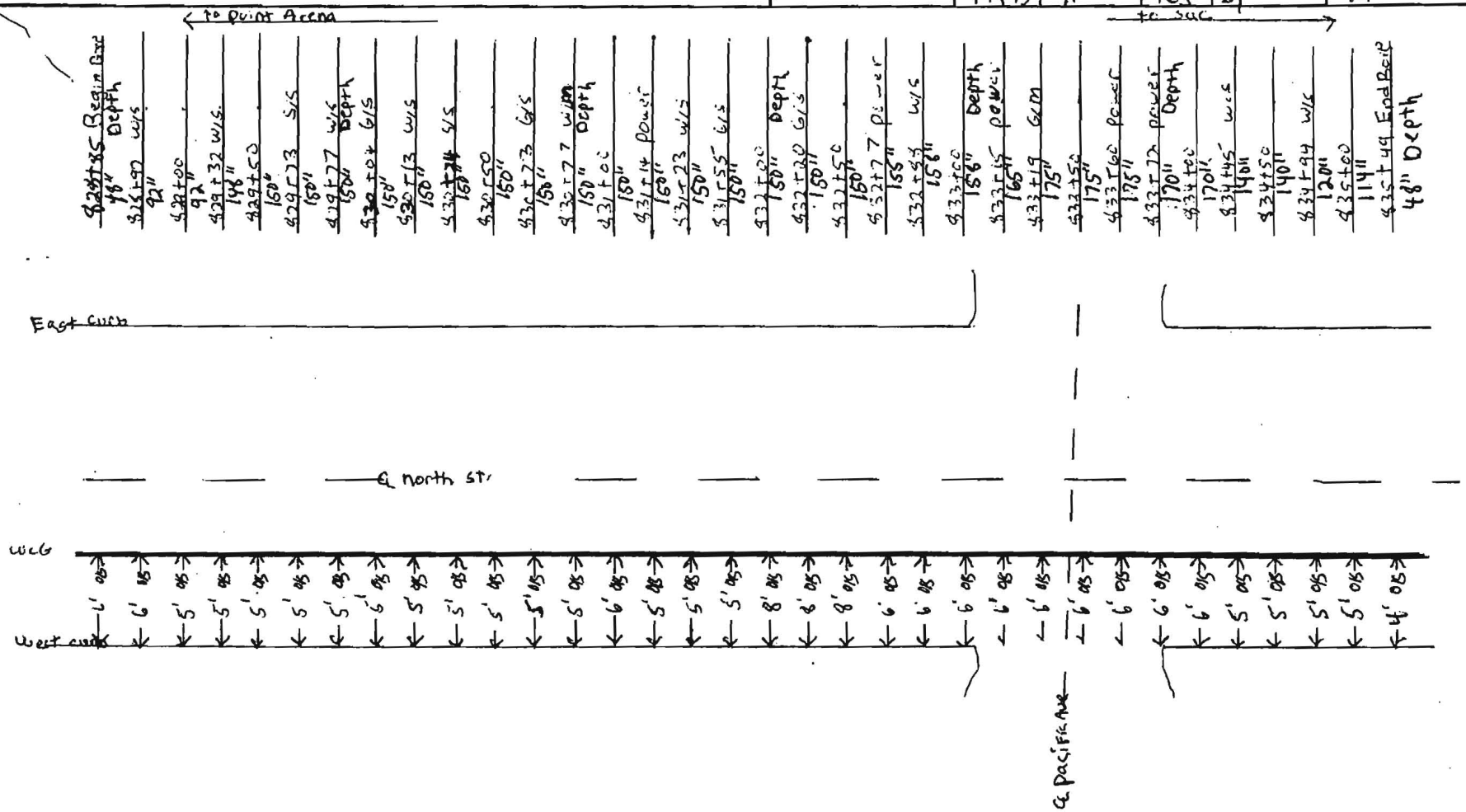
INSPECTOR:
GLORIA TABOR

PAGE OF

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-12-00	99P154-11	163-164	44



NOTES:
W/S = water service S/S = Sewer service G/S = Gas service
W/M = water main G/M = Gas main

COUNTY: Sonoma

DUCT CONFIGURTION:

CONTRACTOR: M G E

INSPECTOR

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-22-00	990154-11	163-164	4A

← to Point Arena

to SPC →

| | | |

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

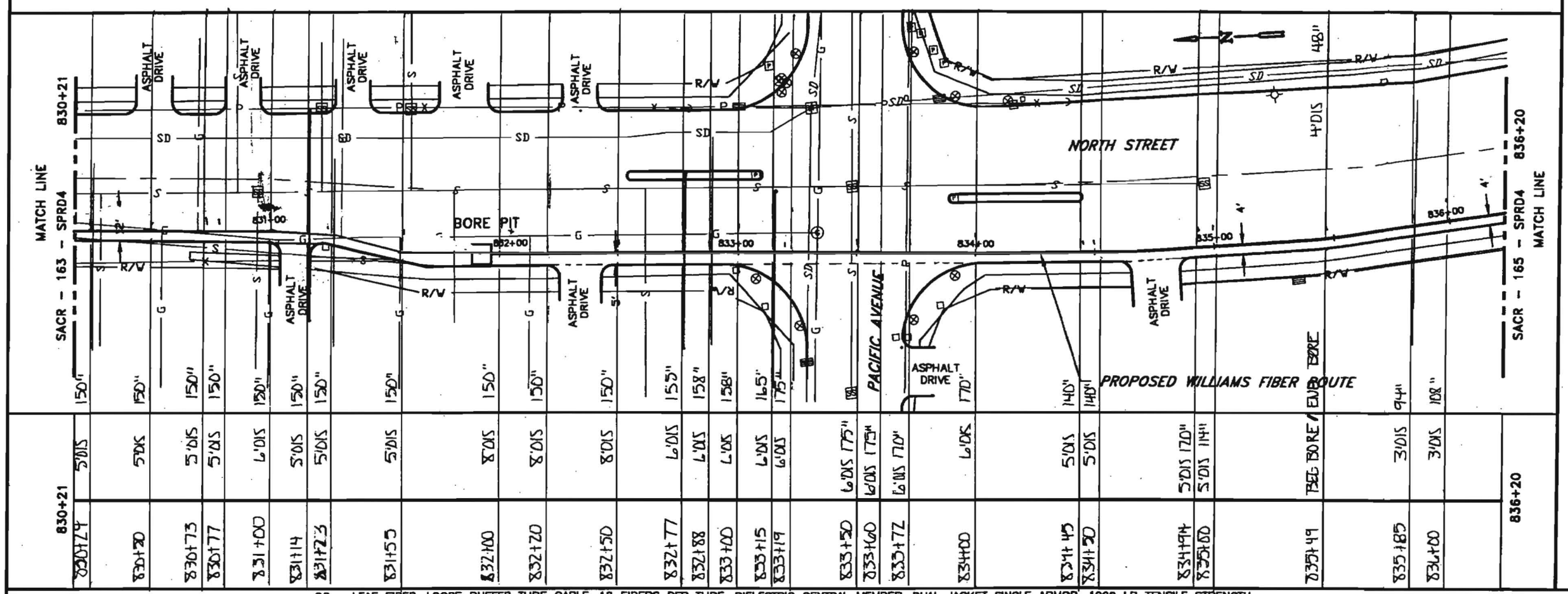
829+74 12' RT. WATER VALVE
830+22 42' LT. WATER VALVE
830+29 SEWER LINE
830+61 41' LT. WATER VALVE
830+83 41' LT. WATER VALVE
830+70 GAS LINE
830+84 WATER LINE
830+85 SEWER LINE
830+95 6' LT. SANITARY MH
831+11 15' RT. CL DRIVEWAY
831+27 14' RT. UTILITY BOX
831+30 GAS LINE
831+33 13' RT. WATER VALVE
831+39 48' LT. WATER VALVE
831+47 49' LT. SANITARY MH
831+52 51' LT. POWER POLE
831+64 GAS LINE
831+80 SEWER LINE
832+08 6' RT. WATER VALVE
832+12 GAS LINE
832+34 4' RT. CL DRIVEWAY
832+60 SEWER LINE
832+81 7' LT. WATER LINE
832+88 7' RT. UTILITY BOX
832+89 58' LT. CATCH BASIN
833+06 32' LT. UTILITY BOX
833+07 11' RT. UTILITY BOX
833+11 22' LT. UTILITY BOX
833+12 77' LT. UTILITY BOX
833+26 30' RT. UTILITY BOX
833+29 45' RT. CATCH BASIN
833+33 GAS LINE
833+33 8' LT. GAS VALVE
833+47 28' LT. SANITARY MH
833+48 SEWER LINE
833+48 57' RT. SANITARY MH
833+67 34' RT. UTILITY BOX
833+70 POWER LINE
833+72 34' RT. UTILITY BOX
833+74 35' RT. CATCH BASIN
833+84 43' LT. UTILITY BOX
833+85 21' RT. UTILITY BOX
834+01 8' RT. UTILITY BOX
834+81 23' LT. UTILITY BOX
834+81 64' LT. UTILITY BOX
834+53 5' RT. WATER VALVE
834+75 4' RT. CL DRIVEWAY
834+97 26' LT. SANITARY MH
835+00 6' RT. WATER VALVE
835+28 60' LT. LIGHT POLE
835+34 14' RT. CATCH BASIN
835+80 9' RT. WATER VALVE
835+81 7' RT. WATER VALVE

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
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, 1-1.50" BLUE, 1.5" ORANGE-1

			830+29	835+49	
			830+73	836+20	
			528'	71'	
			2.11	2.11	
			2-1.5" HDPE 1-1.25" HDPE GARY BERCHTOLD 11.77_OD MGE	2-1.5" HDPE 1-1.25" HDPE GARY BERCHTOLD 11.20_OD MGE	
833+40	FUEL	830+29	SPLICER		
833+72	FUEL	830+73	GAS		
834+45	WATER	830+77	WATER		
834+94	WATER	831+14	FUEL		
		831+73	WATER		
		831+55	GAS	IN BLACK 1.25" HDPE 6GA. TRACER WIRE GLORIA TABOR 7-9-01	
		832+20	GAS		
		832+77	FUEL		
		832+88	WATER		
		833+15	FUEL		
		833+19	CAB		

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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the 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
- C.L.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./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
3	REVISED RUNNING LINE	MW	10/20

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

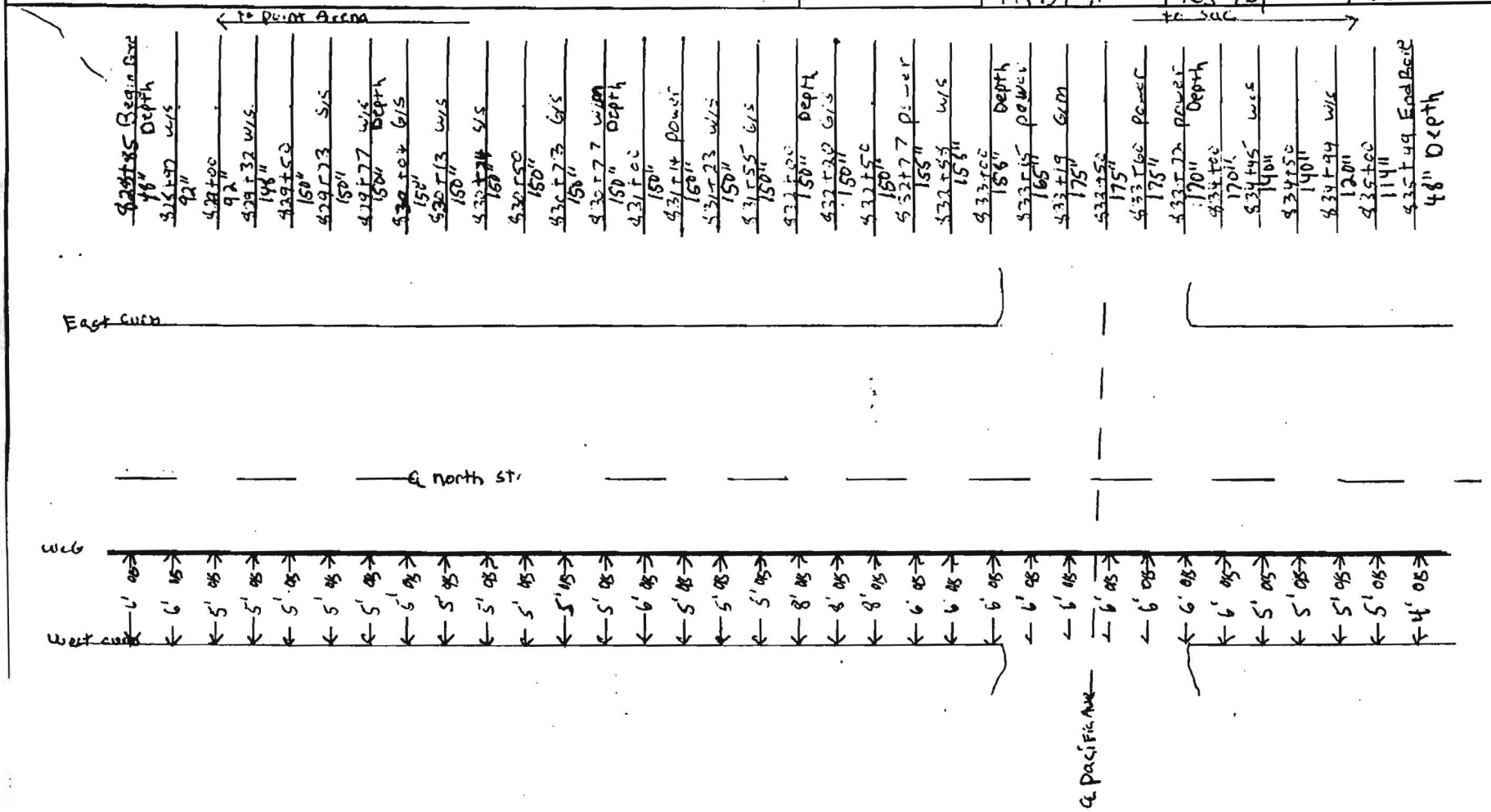
POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=50'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-164-SPRD4

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-12-00	99P154-11	163-164	4A



NOTES:
W/S = Water service S/S = Sewer service G/S = Gas service
W/M = Water main G/M = Gas main

COUNTY: Sonoma

DUCT CONFIGURTION:

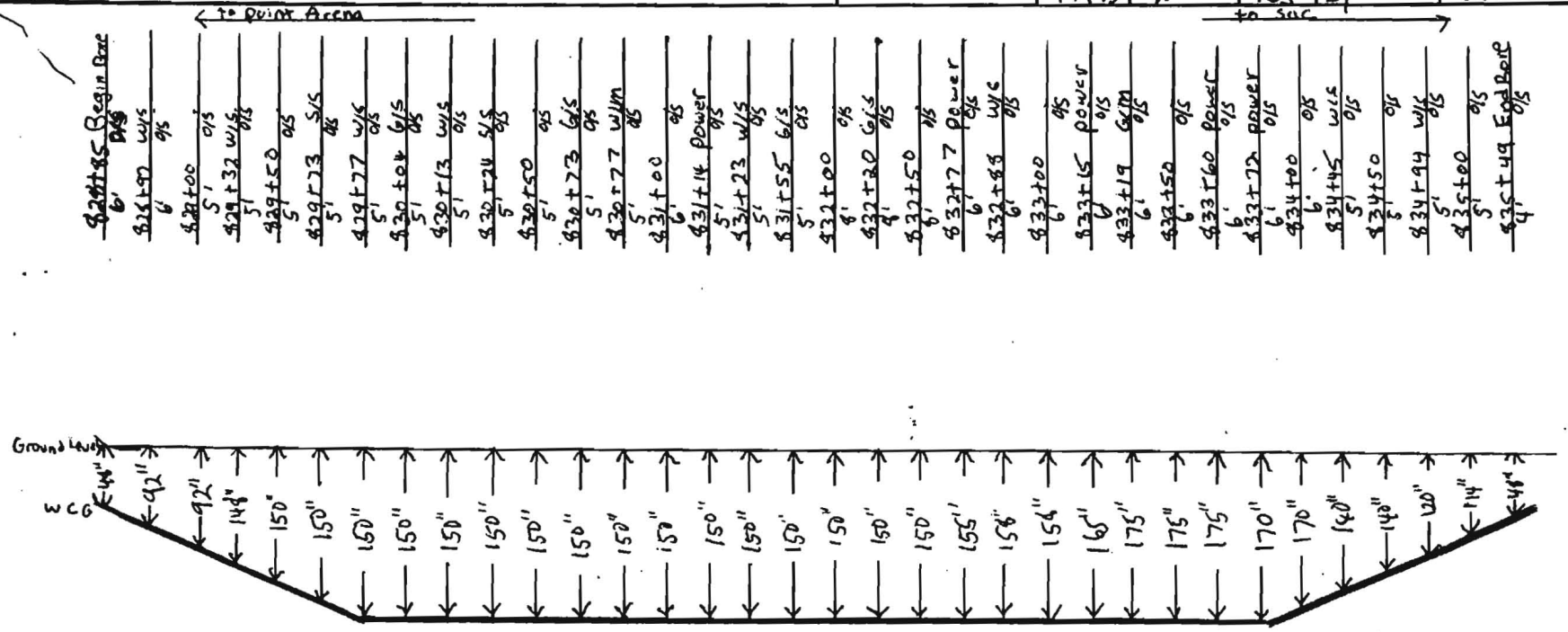
CONTRACTOR: M & E

INSPECTOR

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-22-00	990154-11	163-164	44



NOTES:
W/S = water service S/S = Sewer service G/S = Gas service
W/M = water main G/M = Gas main

COUNTY: Sonoma

DUCT CONFIGURTION:

CONTRACTOR: MGE

INSPECTOR:

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

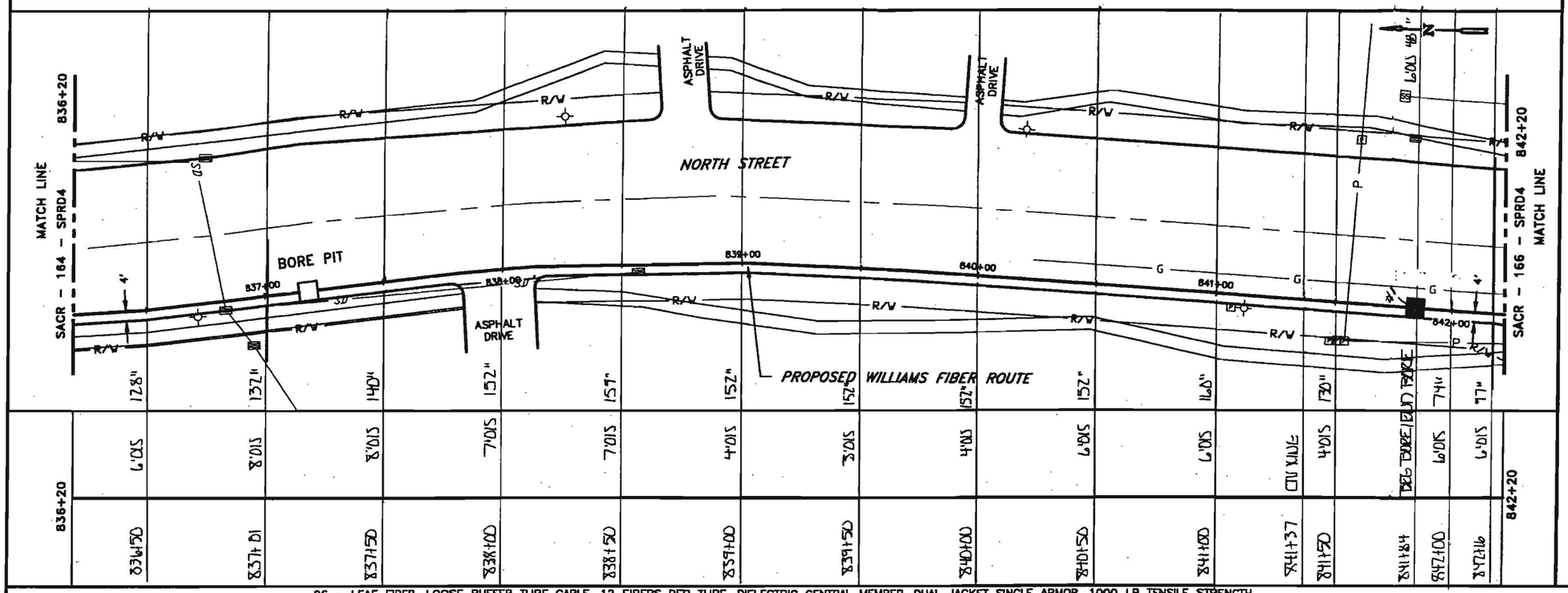
836+71 5' RT. LIGHT POLE
836+81 59' LT. CATCH BASIN
836+82 STORM DRAIN
836+82 4' RT. CATCH BASIN
836+83 19' RT. CATCH BASIN
837+06 WATER LINE
837+06 7' LT. WATER VALVE
837+07 6' RT. WATER VALVE
837+98 5' RT. CL DRIVEWAY
838+54 62' LT. FIRE HYDRANT
838+56 3' RT. CATCH BASIN
838+73 9' LT. WATER VALVE
838+74 62' LT. WATER VALVE
840+15 61' LT. LIGHT POLE
840+19 WATER LINE
#1 8"41+84 UCC MANHOLE
GLORIA TADOR 1.10.00
841+07 5' RT. UTILITY BOX
841+12 5' RT. LIGHT POLE
841+48 16' RT. UTILITY BOX
841+51 16' RT. UTILITY BOX
841+54 POWER LINE
841+54 15' RT. UTILITY BOX
841+54 68' LT. UTILITY BOX
841+72 85' LT. SANITARY MH
841+78 70' LT. CATCH BASIN
842+17 WATER LINE
842+17 5' RT. FIRE HYDRANT
842+18 5' LT. WATER VALVE

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
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, 1-1.5" BLUE, 1-1.5" ORANGE HDPE

836+20
841+84
842+20
5641
2.11
7-1.5" HDPE
1-1.25" HDPE
GARY BERCHTOLD
11.20.00
MGE
#837+01 WATER
#841+37 CUT-
IN BLACK 1.25" HDPE
6GA TRACER WIRE
GLORIA TADOR
7-9-01

841+84
842+20
36'
2.11
7-1.5" HDPE
1-1.25" HDPE
GARY BERCHTOLD
11.18.00
MGE
842+16 WATER

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 existing utilities as located by USA and patholing.
5. Areas under pavement will be bored unless other methods are approved by the county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- Near 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
- Repeater Site
- P.O.P./Art.
- 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

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
3	REVISED RUNNING LINE	MW	10/20

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
Midcontinent Operations

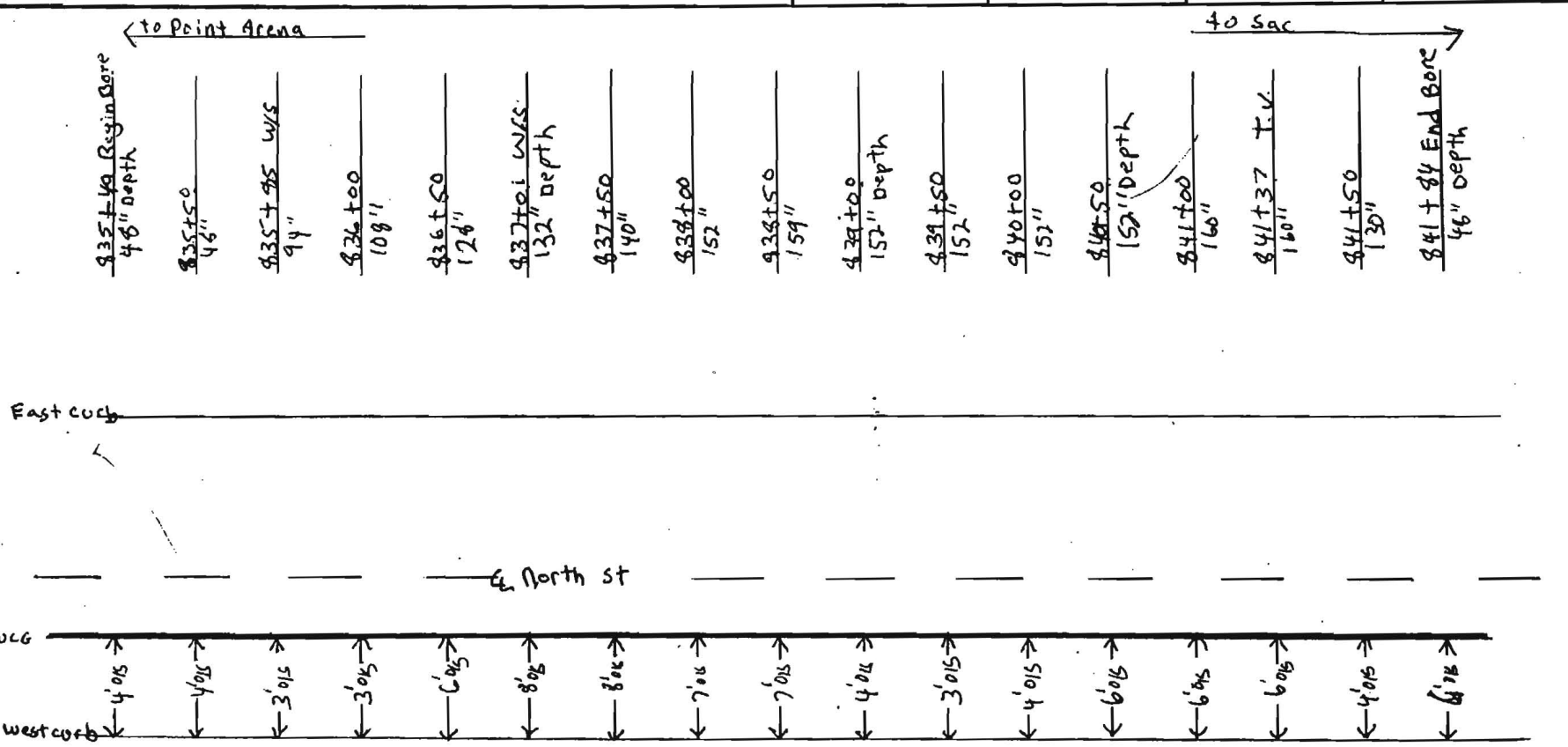
POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=30'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR–165–SPRD4

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-20-00	99P154-11	164-165	44



NOTES: w/s = water service

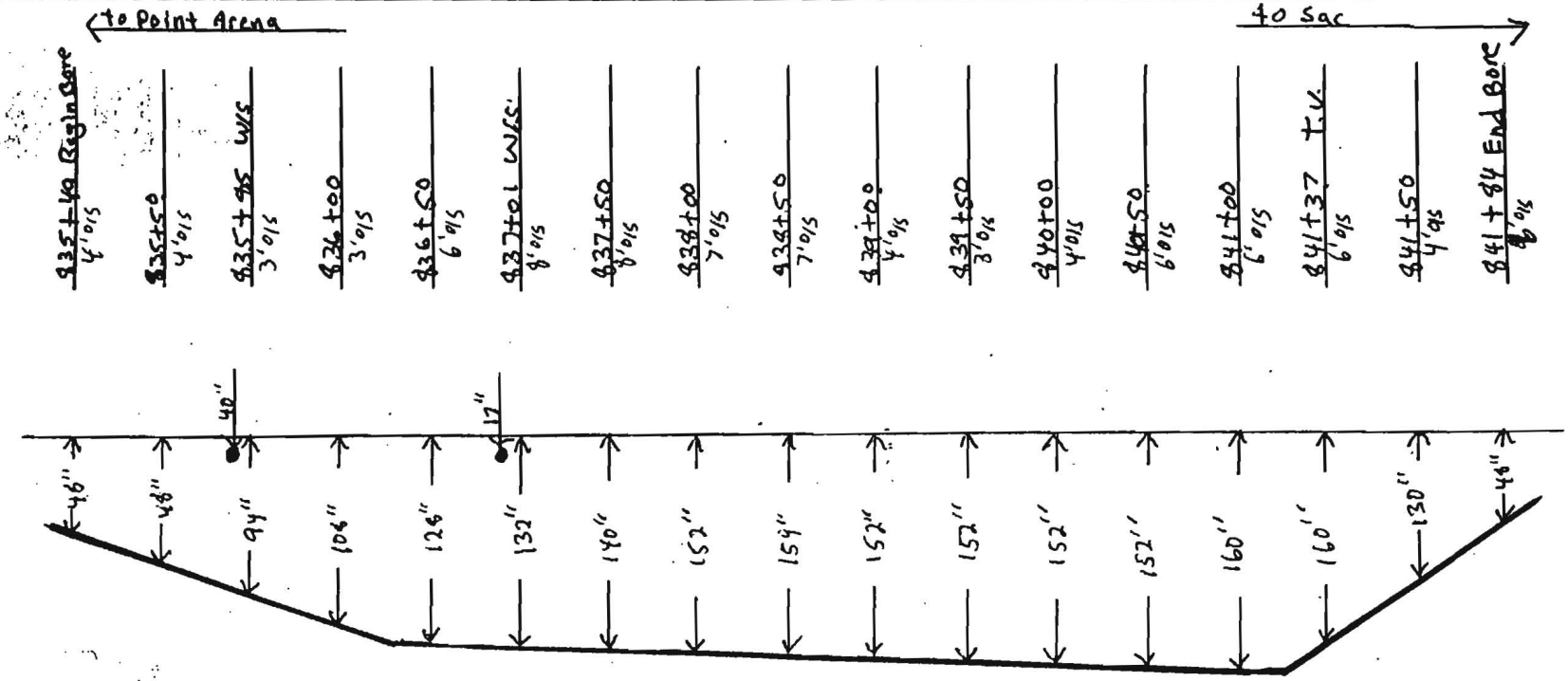
COUNTY: Sonoma

CONTRACTOR: MGE

DUCT CONFIGURTION:

INSPECTOR:

Williams CONSTRUCTION AS-BUILT DOCUMENTATION		PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
	11-20-00	99P154-11	164-165	44



NOTES: W/S = water service

COUNTY: Sonoma

CONTRACTOR: MGE

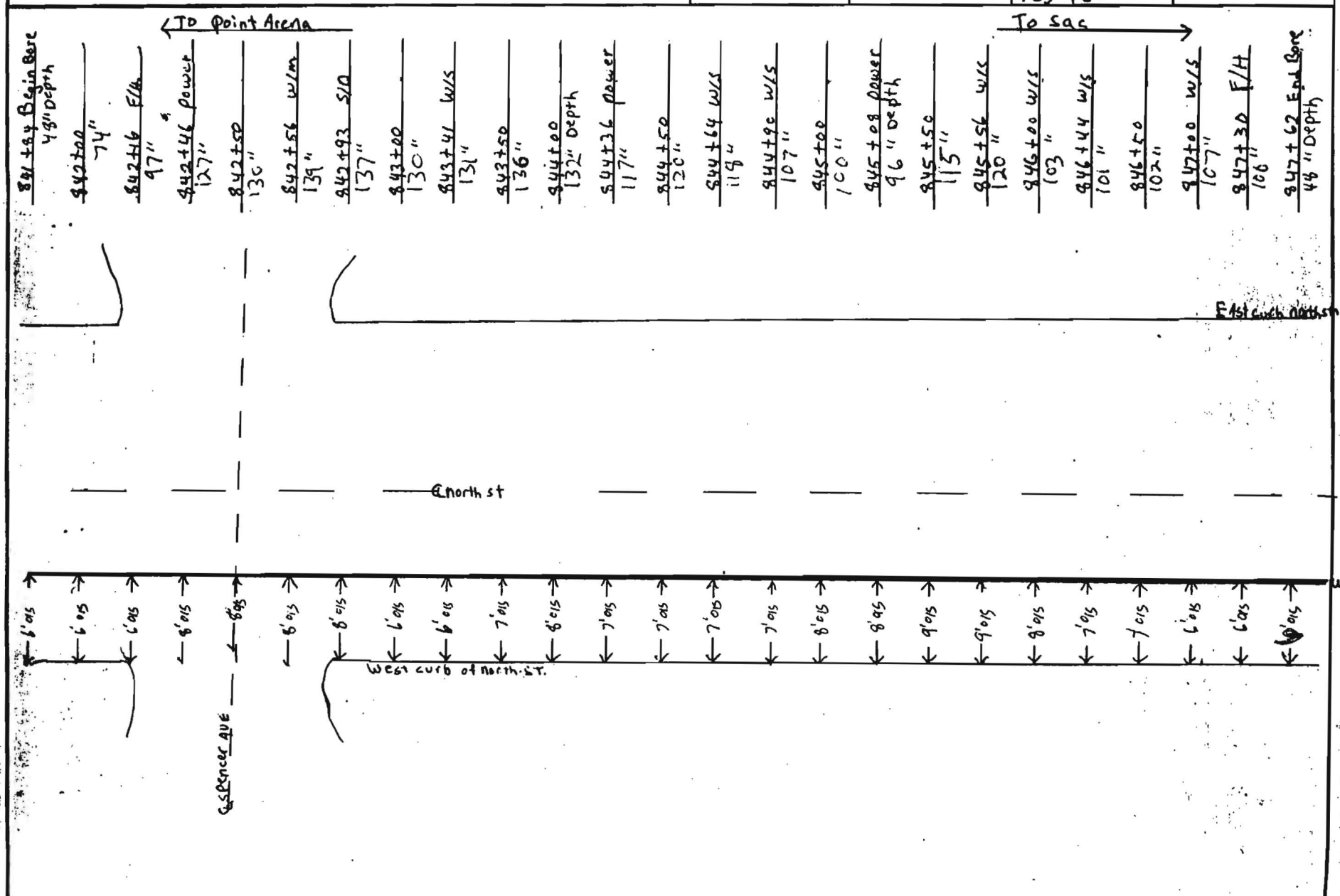
DUCT CONFIGURTION:

INSPECTOR:

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-16-00	99P154-11	165-166	4A



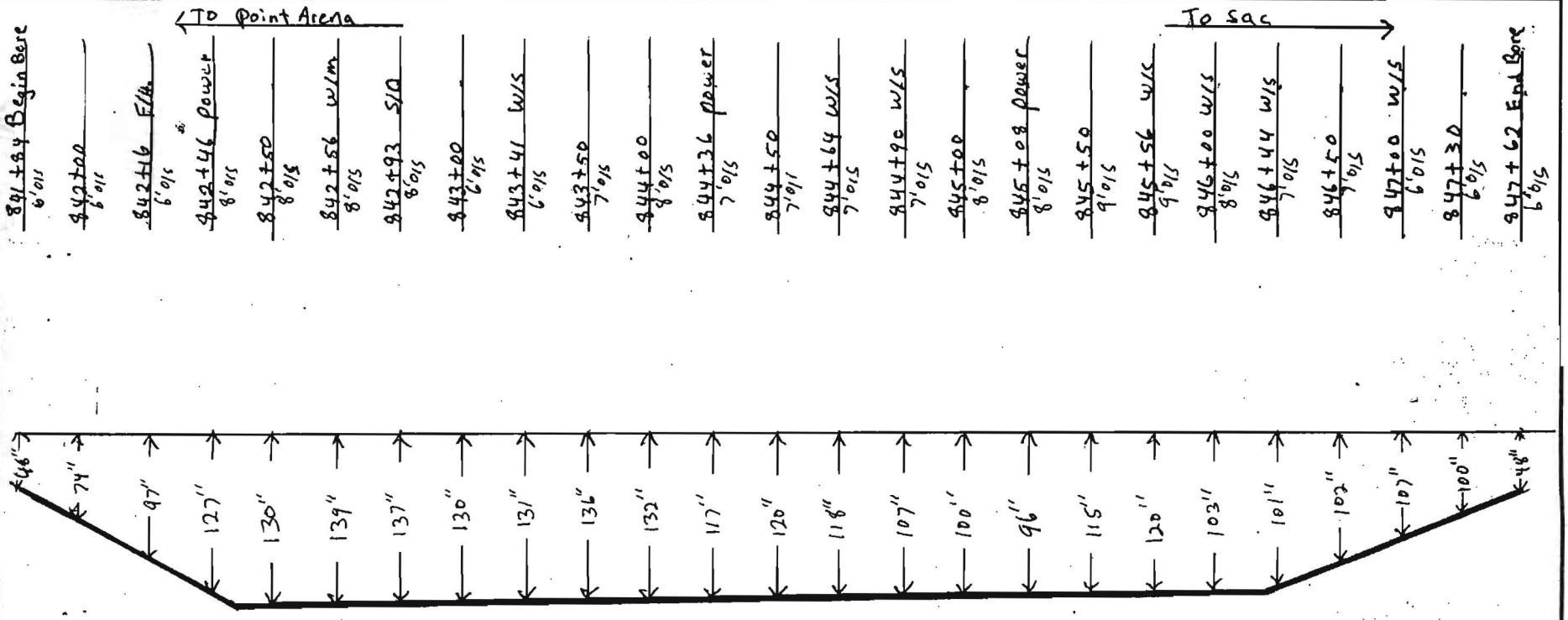
NOTES: F/H = Fire Hydrant w/m = watermain S/D = Storm Drain
W/S = water service

COUNTY:	CONTRACTOR:
Sonoma	MGE
DUCT CONFIGURTION:	INSPECTOR:
2 1.5 1 1.25	Berchtold

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

D	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11 - 10 - 00	99P154-11	165-160	4A



NOTES: F/H = Fire Hydrant w/m = Watermain S/D = Storm Drain
W/S = water service

COUNTY:	CONTRACTOR:
Sonoma	MGE
DUCT CONFIGURTION:	INSPECTOR:
2 1.5 1 1.25	Berchtold

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

842+18 5' LT. WATER VALVE
842+22 61' LT. LIGHT POLE
842+22 61' LT. LIGHT POLE
842+36 32' RT. WATER VALVE
842+47 5' LT. WATER VALVE
842+48 31' RT. WATER VALVE
842+54 GAS LINE
842+56 29' LT. WATER VALVE
842+58 WATER LINE
842+58 11' RT. WATER VALVE

842+78 86' LT. SANITARY MH

842+88 SEWER LINE
842+93 46' LT. SANITARY MH
842+94 STORM DRAIN
842+94 8' RT. CATCH BASIN
843+06 9' RT. GUY

843+18 6' RT. POWER POLE
843+22 6' RT. LIGHT POLE
843+26 6' RT. UTILITY BOX

843+40 7' RT. WATER VALVE
843+44 GAS LINE

843+98 9' RT. CL DRIVEWAY

844+27 70' LT. UTILITY BOX
844+31 57' LT. LIGHT POLE
844+32 69' LT. UTILITY BOX
844+35 58' LT. UTILITY BOX
844+41 27' LT. WATER VALVE
844+41 60' LT. WATER VALVE
844+45 59' LT. WATER VALVE
844+45 64' LT. WATER VALVE
844+51 8' RT. CL DRIVEWAY
844+64 8' RT. WATER VALVE
844+72 8' RT. CL DRIVEWAY
844+74 116' LT. SANITARY MH
844+89 8' RT. WATER VALVE
844+88 8' RT. LIGHT POLE
845+03 8' RT. UTILITY BOX
845+09 POWER LINE
845+09 70' RT. UTILITY BOX
845+12 69' LT. UTILITY BOX
845+14 9' RT. SANITARY MH
845+16 70' LT. UTILITY BOX
845+18 70' LT. UTILITY BOX
845+25 8' RT. CL DRIVEWAY

845+56 8' RT. WATER VALVE
845+58 9' RT. SANITARY MH

845+71 GAS LINE
845+78 8' RT. CL DRIVEWAY

846+01 8' RT. WATER VALVE

846+11 GAS LINE

846+41 8' RT. WATER VALVE

846+82 8' RT. CL DRIVEWAY

846+86 58' LT. UTILITY BOX
846+80 45' LT. STORM MH

846+98 9' RT. WATER VALVE
846+99 26' LT. WATER VALVE
847+02 14' RT. WATER VALVE
847+07 63' LT. WATER VALVE
847+21 28' RT. WATER VALVE
847+28 7' RT. FIRE HYDRANT
847+28 26' LT. WATER VALVE
847+33 195' LT. SANITARY MH
847+36 45' LT. STORM MH
847+43 27' LT. WATER VALVE
847+53 7' RT. LIGHT POLE
847+57 8' LT. UTILITY BOX
847+80 22' LT. STORM MH

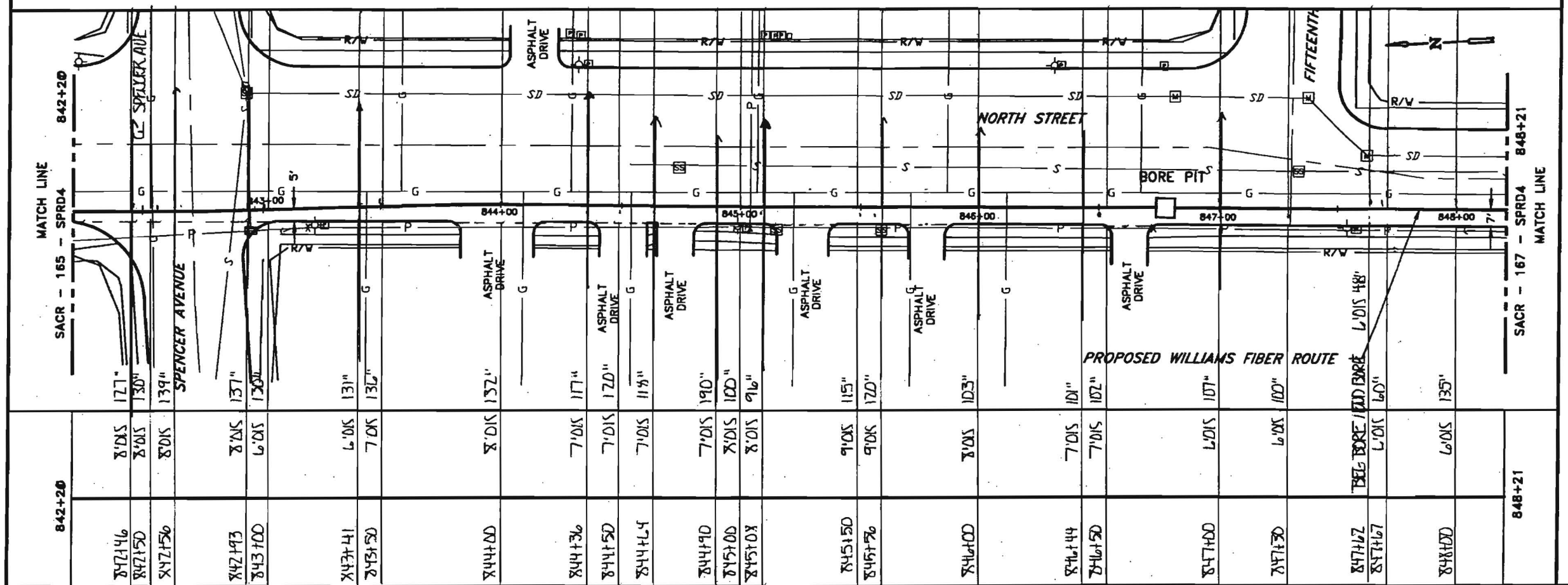
848+03 8' RT. GUY

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

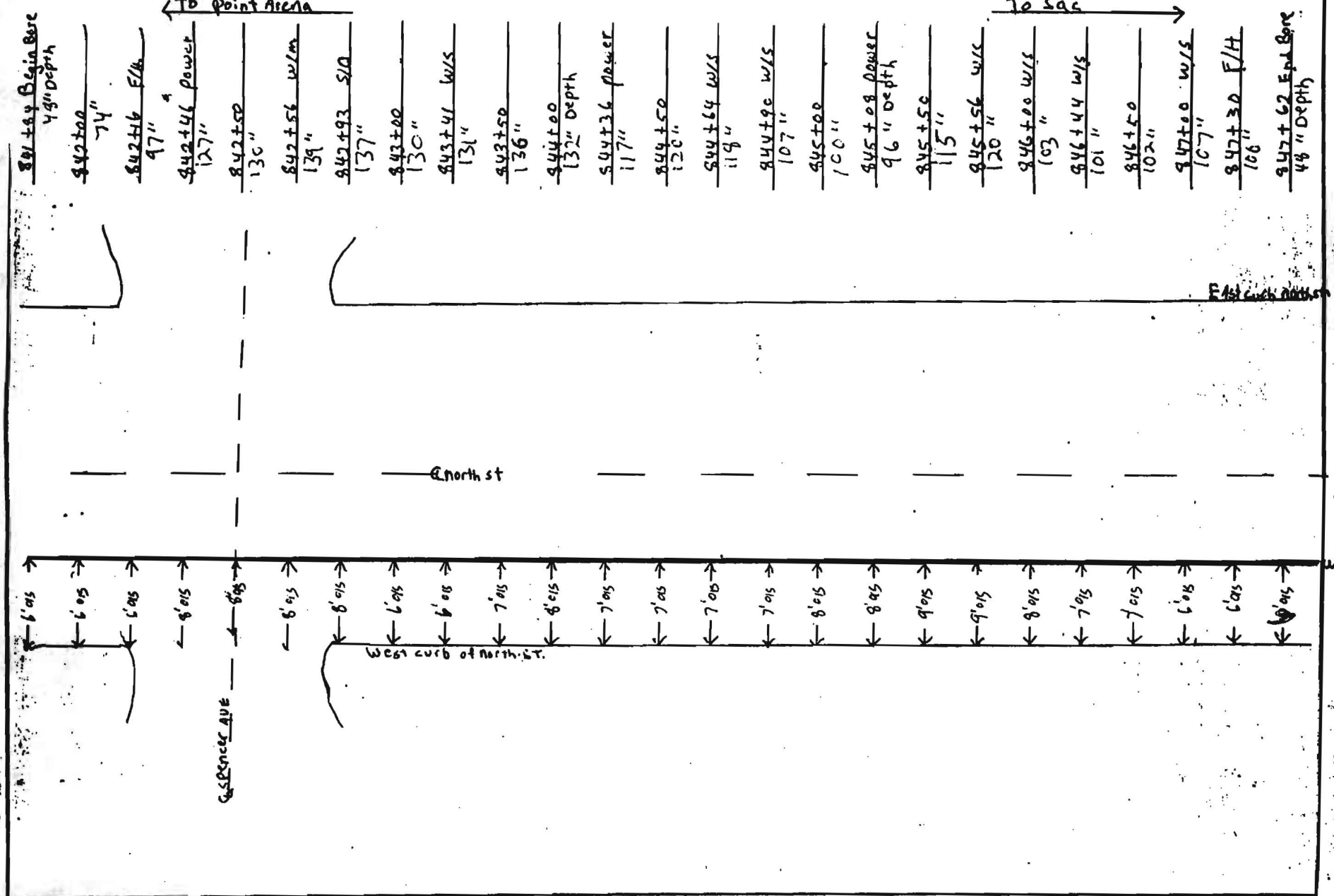


| 842+20 | | |

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

DATE	PROJECT #		
11-[illegible]-00	99P154-11	165-166	4A



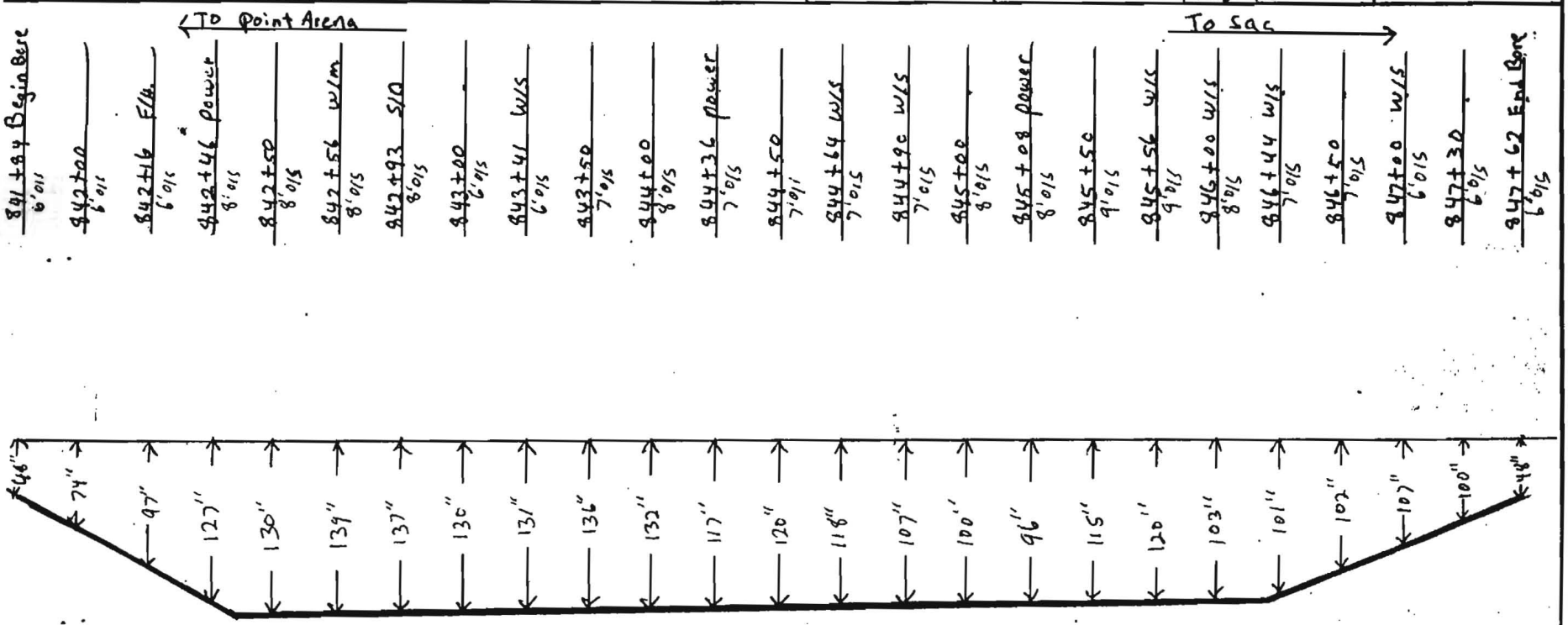
NOTES: F/H = Fire Hydrant w/m = Watermain S/D = Storm Drain
W/S = Water Service

COUNTY:	CONTRACTOR:
Sonoma	M G E
DUCT CONFIGURTION:	INSPECTOR:
2 - 1.25	Berchtold

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

DA	PROJECT #	DWG/ALIGNMENT SHEET #	
11-10-00	99P154-11	165-166	4A



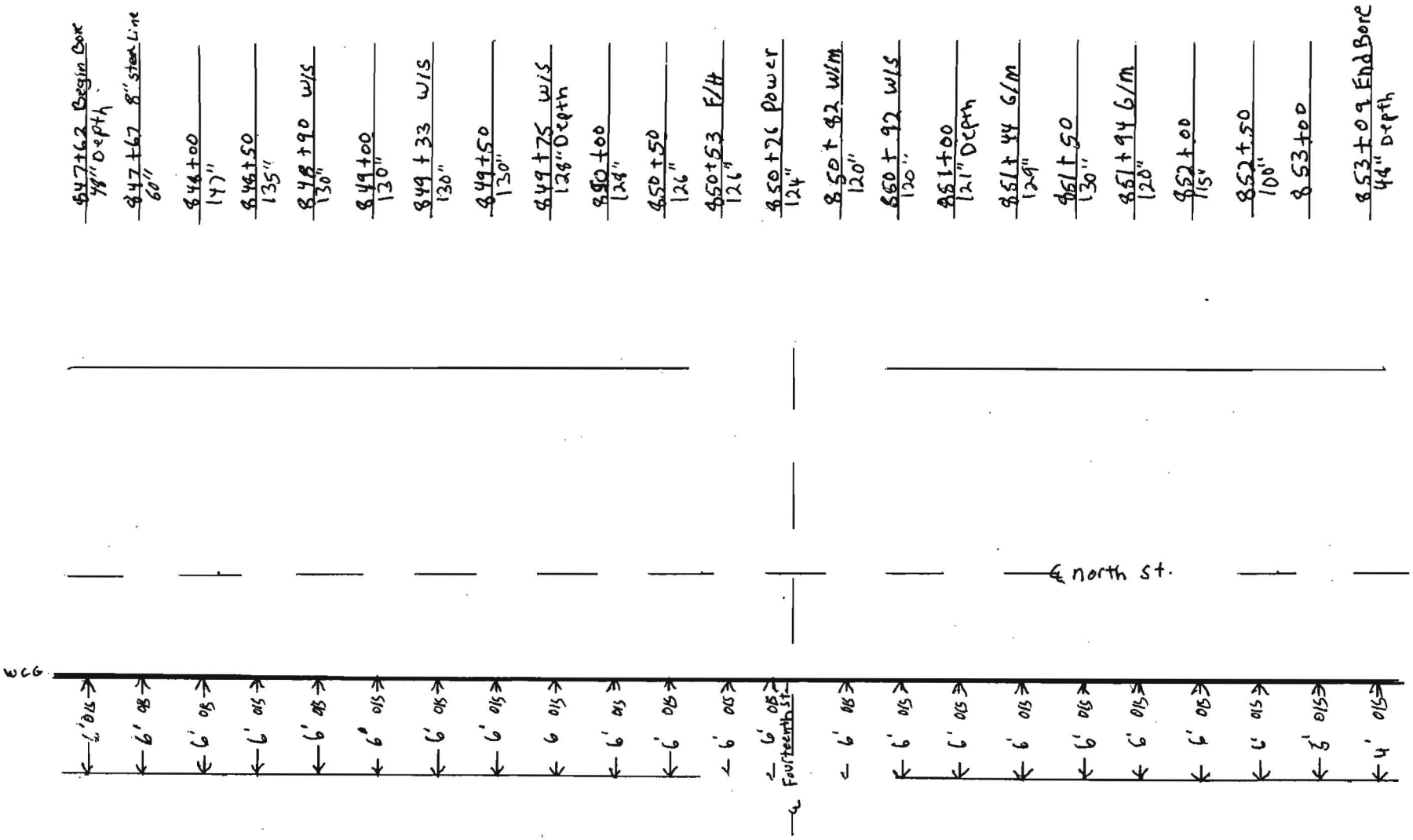
NOTES: F/H = Fire Hydrant w/m = Water main S/D = Storm Drain
W/S = water service

COUNTY:	CONTRACTOR:
Sonoma	MGE
DUCT CONFIGURTION:	INSPECTOR:
2 1.5 1 1.25	Berchtold

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-16-00	99P154-11	166-167	4A



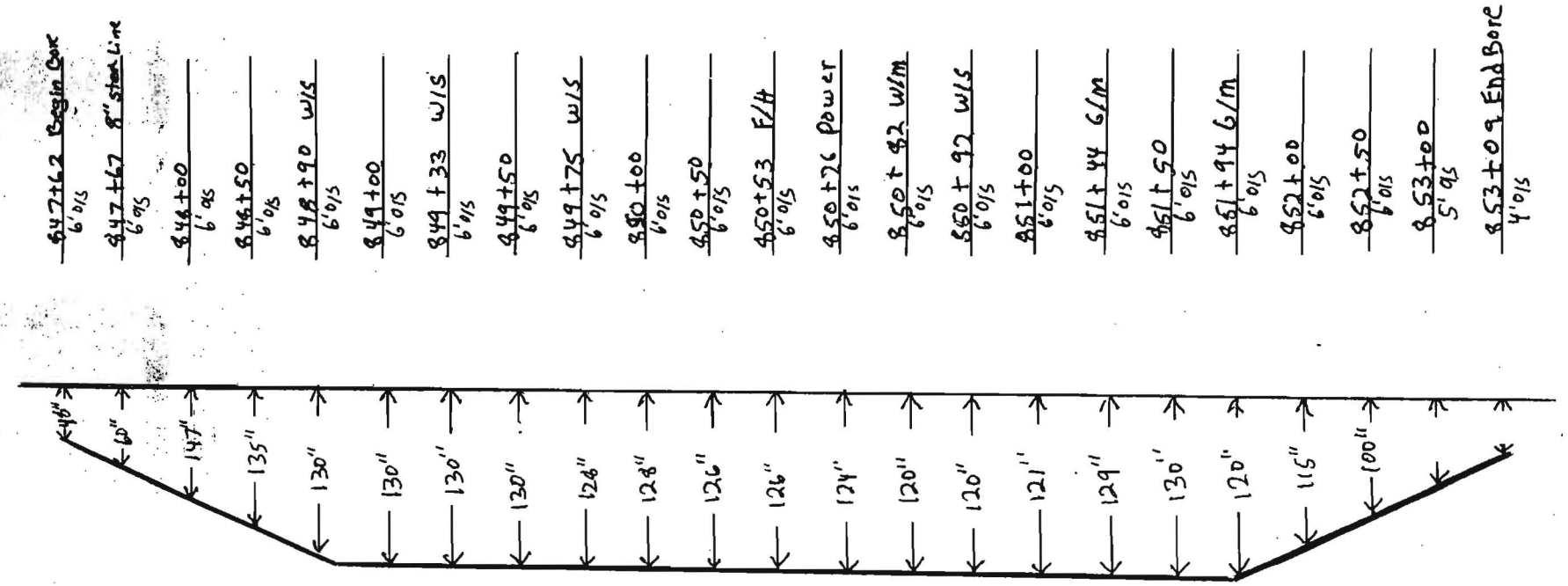
NOTES: w/s = water service F/H = Fire Hydrant
w/m = water main G/m = Gas main
B 47+67 unlocated 8" steel Line

COUNTY:	CONTRACTOR:
Sonoma	MGE
DUCT CONFIGURTION:	INSPECTOR:
2-1.5 1-1.25	Berchtold

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-16-00	99 P154-11	166-167	4A



NOTES: W/S = water service F/H = Fire Hydrant
W/M = water main G/M = Gas main
@ 47+67 unlocated 8" steel Line

COUNTY: Sonoma

CONTRACTOR: M G E

DUCT CONFIGURTION: 2- 1.5 1- 1.25

INSPECTOR: Berchtold

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

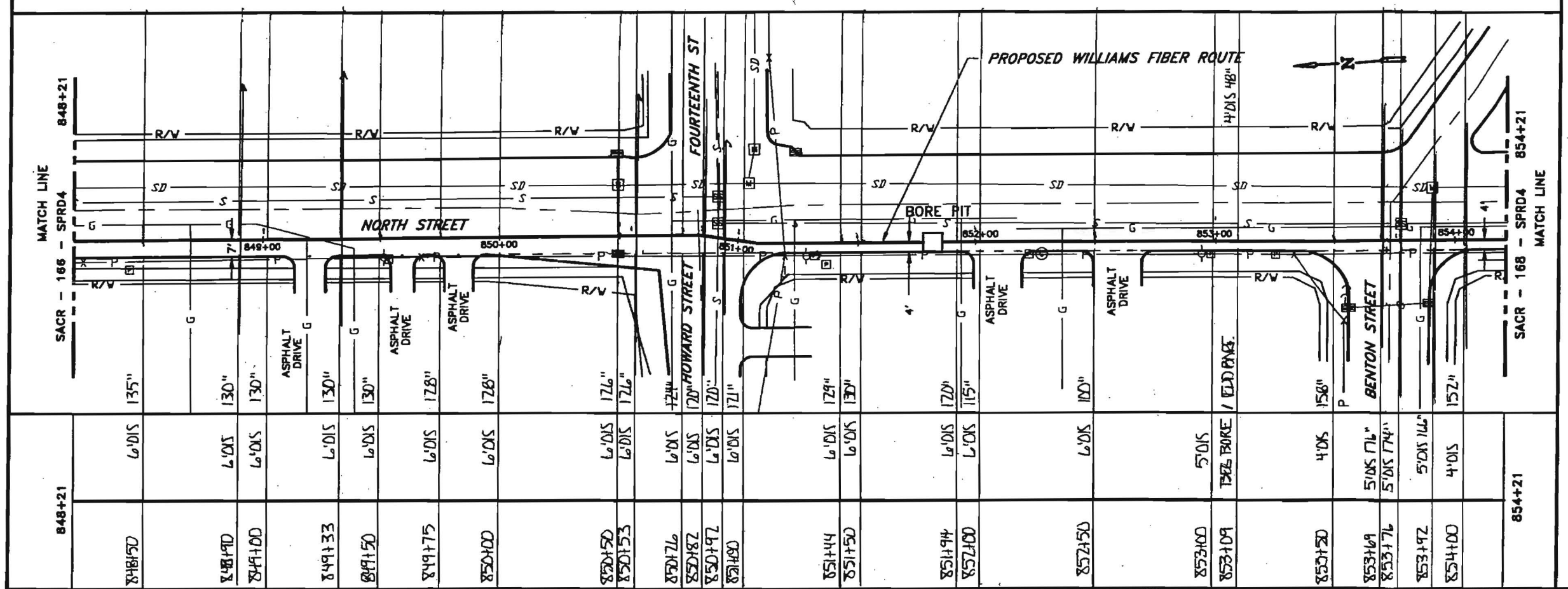
848+24 6' RT. POWER POLE
848+45 12' RT. UTILITY BOX
848+70 GAS LINE
849+19 GAS LINE
849+18 8' RT. CL DRIVEWAY
849+24 GAS LINE
849+33 8' RT. WATER VALVE
849+61 7' RT. LIGHT POLE
849+53 6' RT. UTILITY BOX
849+59 7' RT. CL DRIVEWAY
849+67 7' RT. POWER POLE
849+75 8' RT. WATER VALVE
849+83 7' RT. CL DRIVEWAY
850+49 STORM DRAIN
850+49 RT. CATCH BASIN
850+49 20' LT. STORM MH
850+49 33' LT. CATCH BASIN
850+51 8' RT. FIRE HYDRANT
850+52 WATER LINE
850+71 GAS LINE
850+88 16' LT. SANITARY MH
850+88 27' LT. WATER VALVE
850+90 SEWER LINE
850+90 5' LT. SANITARY MH
850+83 WATER LINE
851+00 30' LT. STORM MH
851+01 24' LT. STORM MH
851+02 26' LT. POWER POLE
851+02 25' RT. WATER VALVE
851+19 13' RT. GUY
851+20 5' RT. POWER POLE
851+24 37' LT. CATCH BASIN
851+29 5' RT. LIGHT POLE
851+31 5' RT. UTILITY BOX
851+37 9' RT. UTILITY BOX
851+82 5' RT. WATER VALVE
851+93 GAS LINE
852+09 5' RT. CL DRIVEWAY
852+22 5' RT. UTILITY BOX
852+27 4' RT. GAS VALVE
852+36 GAS LINE
852+59 5' RT. CL DRIVEWAY
852+83 5' RT. LIGHT POLE
852+97 5' RT. UTILITY BOX
853+24 5' RT. UTILITY BOX
853+32 5' RT. POWER POLE
853+45 29' LT. WATER VALVE
853+53 13' RT. POWER POLE
853+54 15' RT. GUY
853+54 22' RT. GUY
853+55 27' RT. CATCH BASIN
853+70 13' RT. WATER VALVE
853+77 SEWER LINE
853+85 GAS LINE
853+89 STORM DRAIN
853+89 26' RT. CATCH BASIN
853+90 21' LT. STORM MH
854+04 WATER LINE
854+04 6' RT. FIRE HYDRANT
854+05 29' LT. WATER VALVE
854+13 30' LT. WATER VALVE

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
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)

848+21
853+09
488'
2.11
2-1.5" HDPE
1-1.25" HDPE
GARY TSERCHTOLD
11_11_00
MGE
* 848+90 WATER
* 849+33 WATER
* 849+75 WATER
* 850+53 WATER
* 850+76 ELEC
* 850+82 WATER
* 850+92 WATER
* 851+44 GAS
* 851+94 GAS-

IN BLACK 1.25" HDPE
GGA - TRACER WIRE
GLORIA TARDE
7-9-07

853+09
854+21
112'
2.11
2-1.5" HDPE
1-1.25" HDPE
GARY TSERCHTOLD
11_9_00
MGE
* 853+69 WATER MAIN
* 853+76 SEWER MAIN
* 853+92 SEWER

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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the 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
- EC 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

1-800-562-9069

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
3	REVISED RUNNING LINE	MW	10/20

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

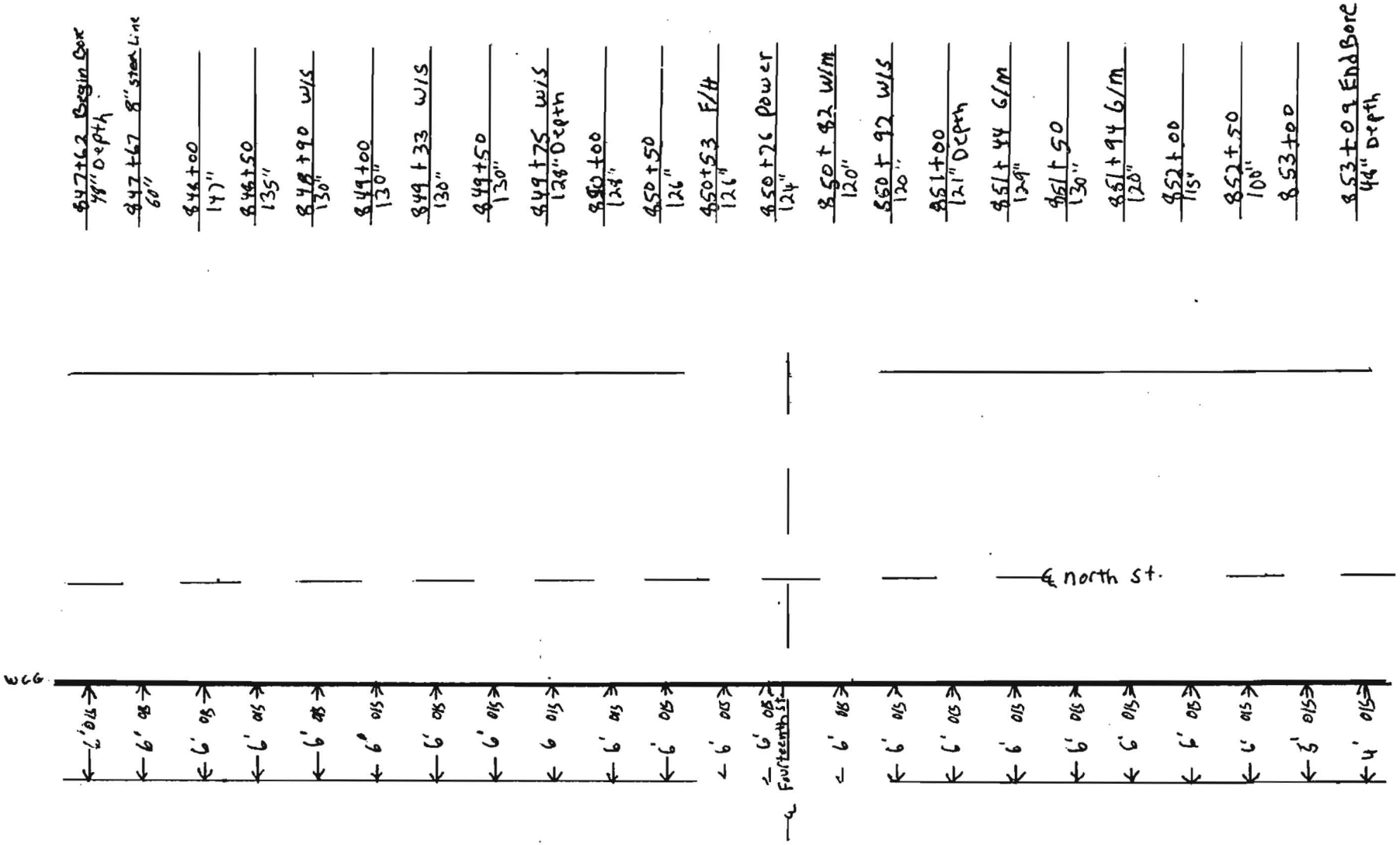
POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=50'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-167-SPRD4

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-16-00	99P154-11	166-167	4A



NOTES: W/S = water service F/H = Fire Hydrant
W/M = water main G/M = Gas main
8 47+67 undocated 8" steel Line

COUNTY: Sonoma

CONTRACTOR: M G E

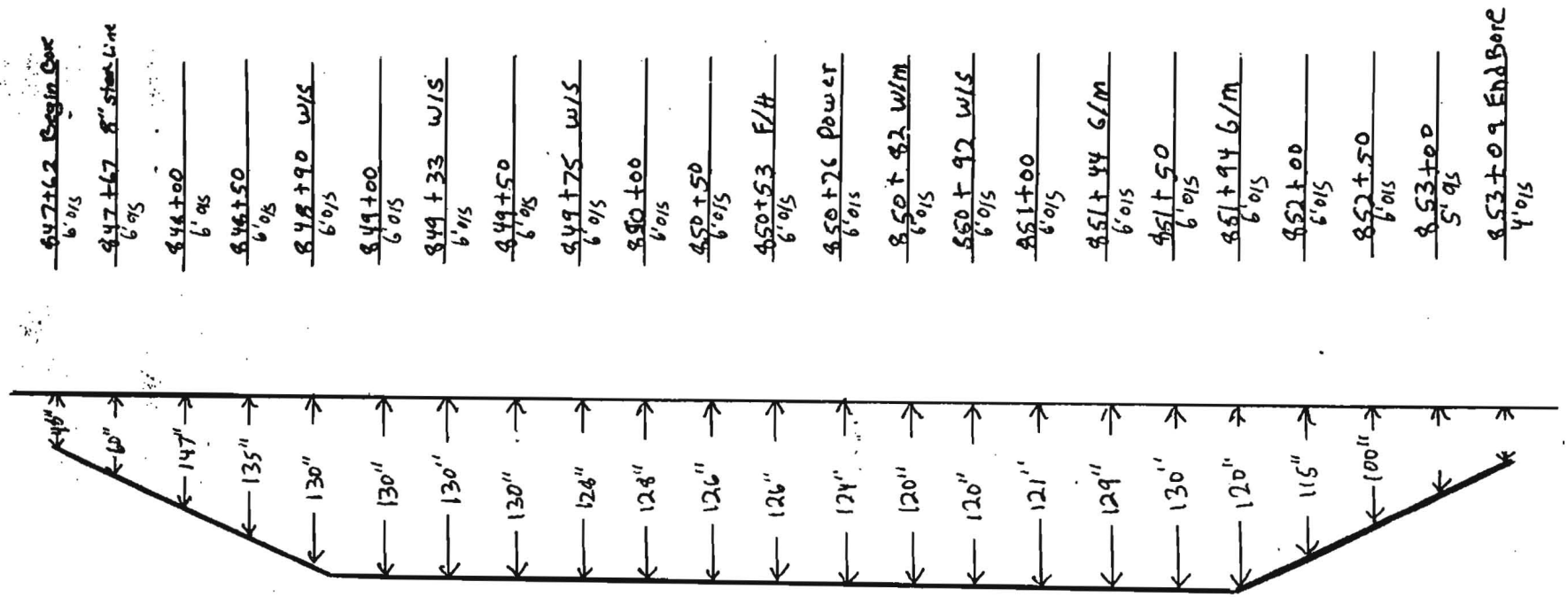
DUCT CONFIGURTION: 2-1.5 1-1.25

INSPECTOR: Berchtold

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-16-00	99P154-11	166-167	4A



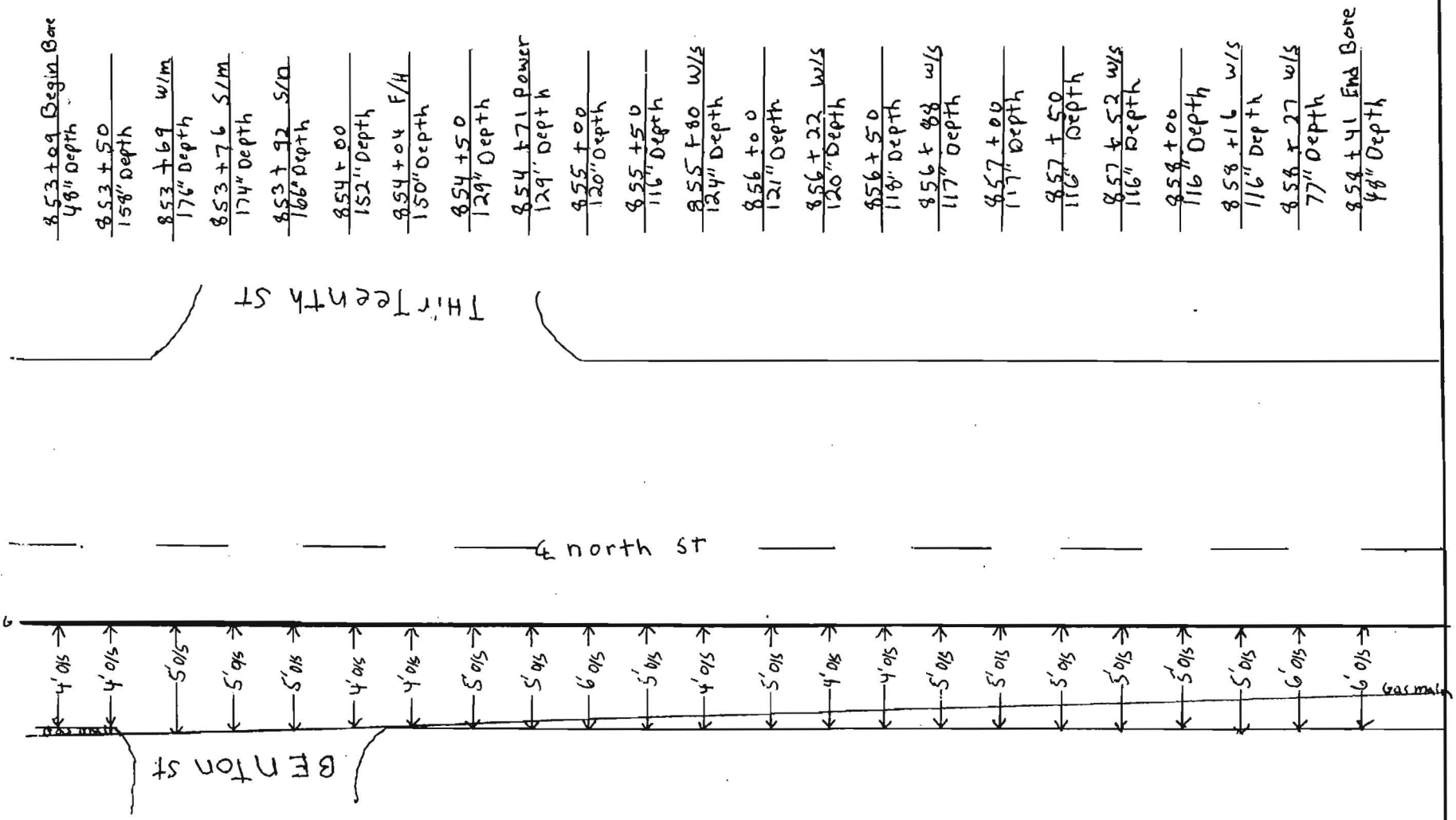
NOTES: W/S = water service F/H = Fire Hydrant
W/M = water main G/M = Gas main
@ 47+67 unlocated 8" steel Line

COUNTY:	CONTRACTOR:
Sonoma	M G E
DUCT CONFIGURTION:	INSPECTOR:
2-1.5 1-1.25	Berchtold

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-9-00	99P154-11	167/168	4A



NOTES: OFFsets From west curb of north St.
w/m = water main S/m = sewer main S/D = storm drain
F/H = Fire H w/s = water service

COUNTY: Sonoma

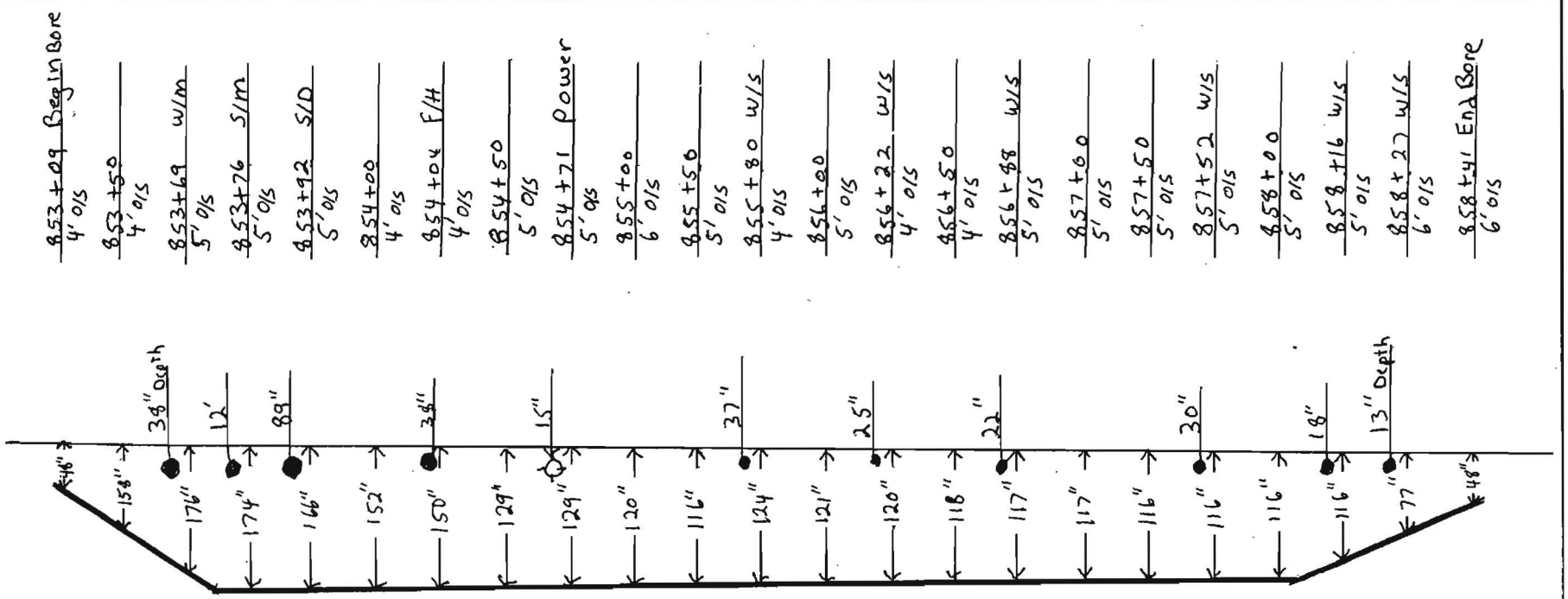
DUCT CONFIGURTION: 2-1.5 1-1.25

CONTRACTOR: MGE

INSPECTOR: Berchtold

CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-9-00	99P154-11	167-168	4A



NOTES: W/M = Watermain S/M = Sewer Main S/D = Storm Drain
W/S Water Service

COUNTY: Sonoma

CONTRACTOR: M G E

DUCT CONFIGURTION: 2- 1.5 1- 1.25

INSPECTOR: Berchtold

OWNERSHIP: COUNTY OF SONOMA

FIBER STATIONING

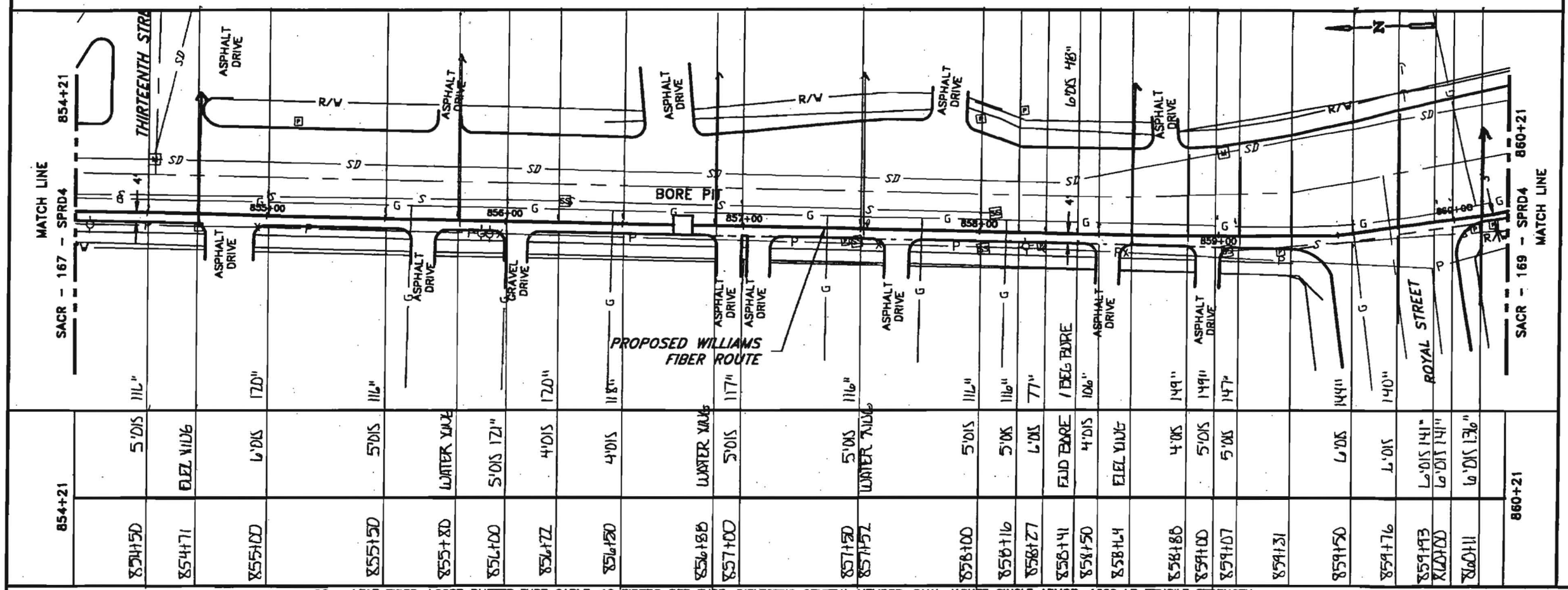
854+26 5' RT. LIGHT POLE
854+52 21' LT. STORM MH
854+71 5' RT. UTILITY BOX
854+84 5' RT. CL. DRIVEWAY
854+96 4' RT. POWER POLE
855+12 31' LT. WATER VALVE
855+12 39' LT. UTILITY BOX
855+25 38' LT. WATER VALVE
855+60 GAS LINE
855+65 5' RT. CL. DRIVEWAY
855+79 6' RT. WATER VALVE
855+80 5' RT. LIGHT POLE
855+83 5' RT. POWER POLE
855+88 5' RT. POWER POLE
856+05 4' RT. CL. DRIVEWAY
856+21 5' RT. WATER VALVE
856+25 8' LT. SANITARY MH
856+45 GAS LINE
856+86 6' RT. WATER VALVE
856+87 6' RT. WATER VALVE
856+94 6' RT. CL. DRIVEWAY
857+06 6' RT. CL. DRIVEWAY
857+43 5' RT. UTILITY BOX
857+48 5' RT. SANITARY MH
857+49 5' RT. WATER VALVE
857+58 6' RT. POWER POLE
857+65 6' RT. CL. DRIVEWAY
857+71 47' LT. WATER VALVE
857+75 GAS LINE
857+99 45' LT. UTILITY BOX
858+01 7' RT. SANITARY MH
858+05 8' LT. SANITARY MH
858+10 GAS LINE
858+11 5' RT. WATER VALVE
858+17 59' LT. UTILITY BOX
858+23 5' RT. WATER VALVE
858+25 5' RT. UTILITY BOX
858+26 6' RT. GUY
858+54 7' RT. CL. DRIVEWAY
858+61 7' RT. POWER POLE
858+95 9' RT. CL. DRIVEWAY
859+01 34' LT. STORM MH
859+03 6' RT. SANITARY MH
859+03 8' RT. WATER VALVE
859+25 6' RT. UTILITY BOX
859+25 27' LT. WATER VALVE
859+31 WATER VALVE
859+31 7' RT. FIRE HYDRANT
859+32 26' LT. WATER VALVE
859+56 GAS LINE
859+59 WATER LINE
859+63 17' RT. WATER VALVE
859+67 25' RT. WATER VALVE
859+72 ROYAL ST.
859+84 55' LT. GUY
859+85 WATER LINE
859+85 67' LT. GUY
860+08 4' RT. UTILITY BOX

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

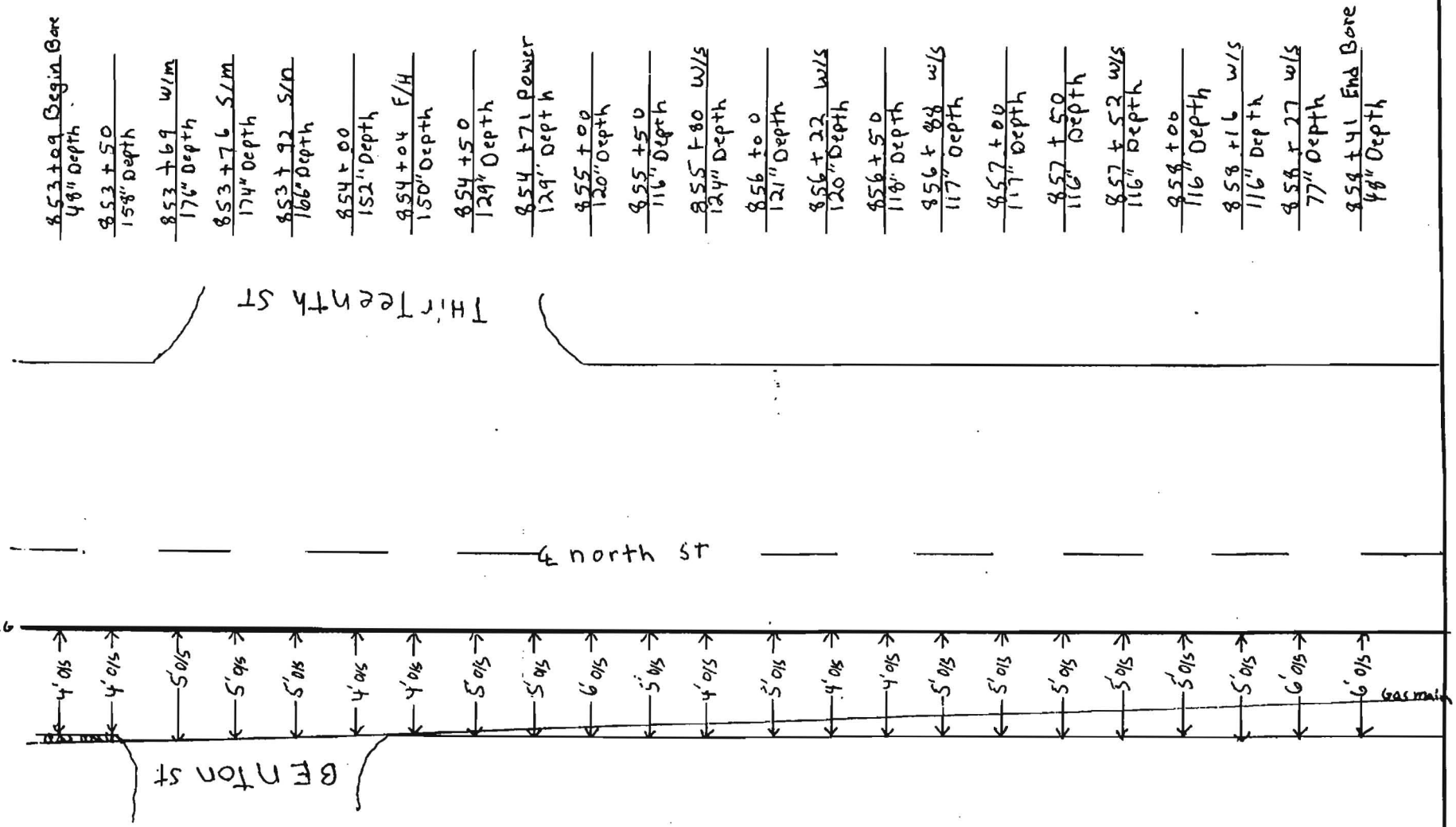


| 854+21 | | |

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-9-00	99P154-11	167 / 168	4A



NOTES: OFFsets From west curb of north St.

W/M = water main S/M = sewer main S/D = Storm Drain

F/H = Fire H W/S = water service

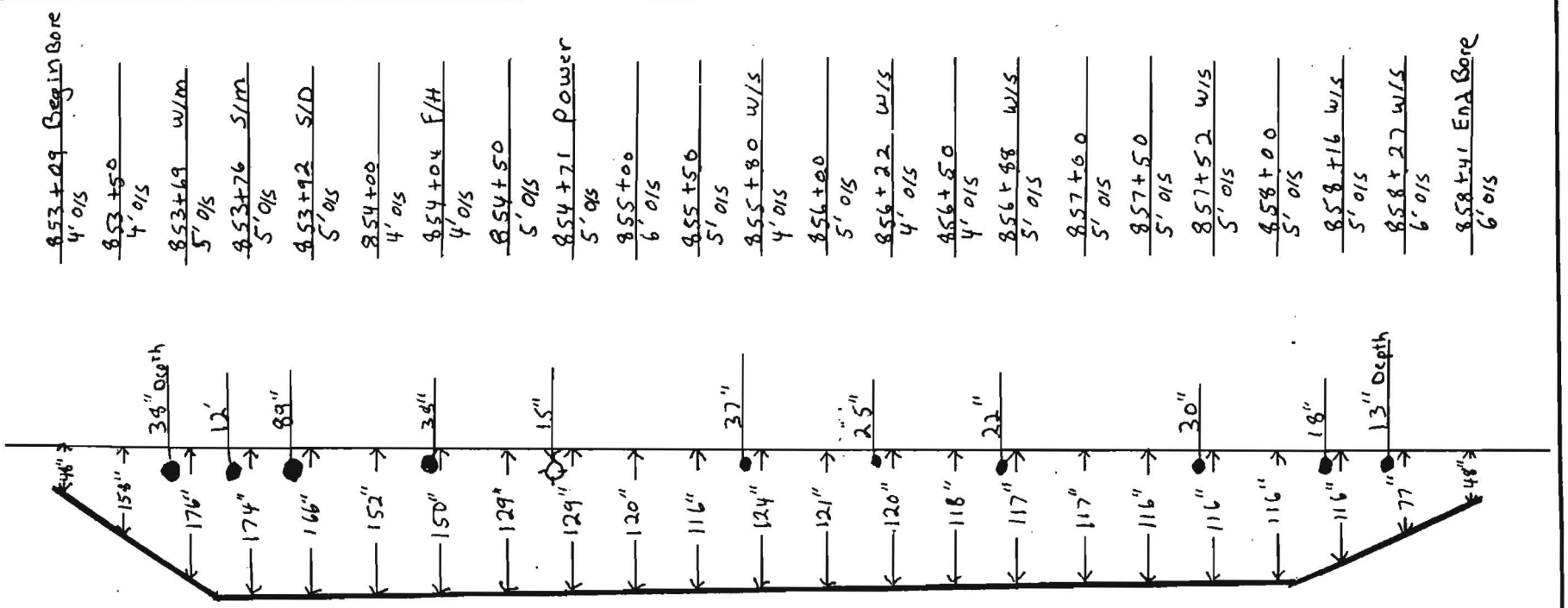
COUNTY: Sonoma

DUCT CONFIGURTION: 2- 1.5 1- 1.25

CONTRACTOR: M G E

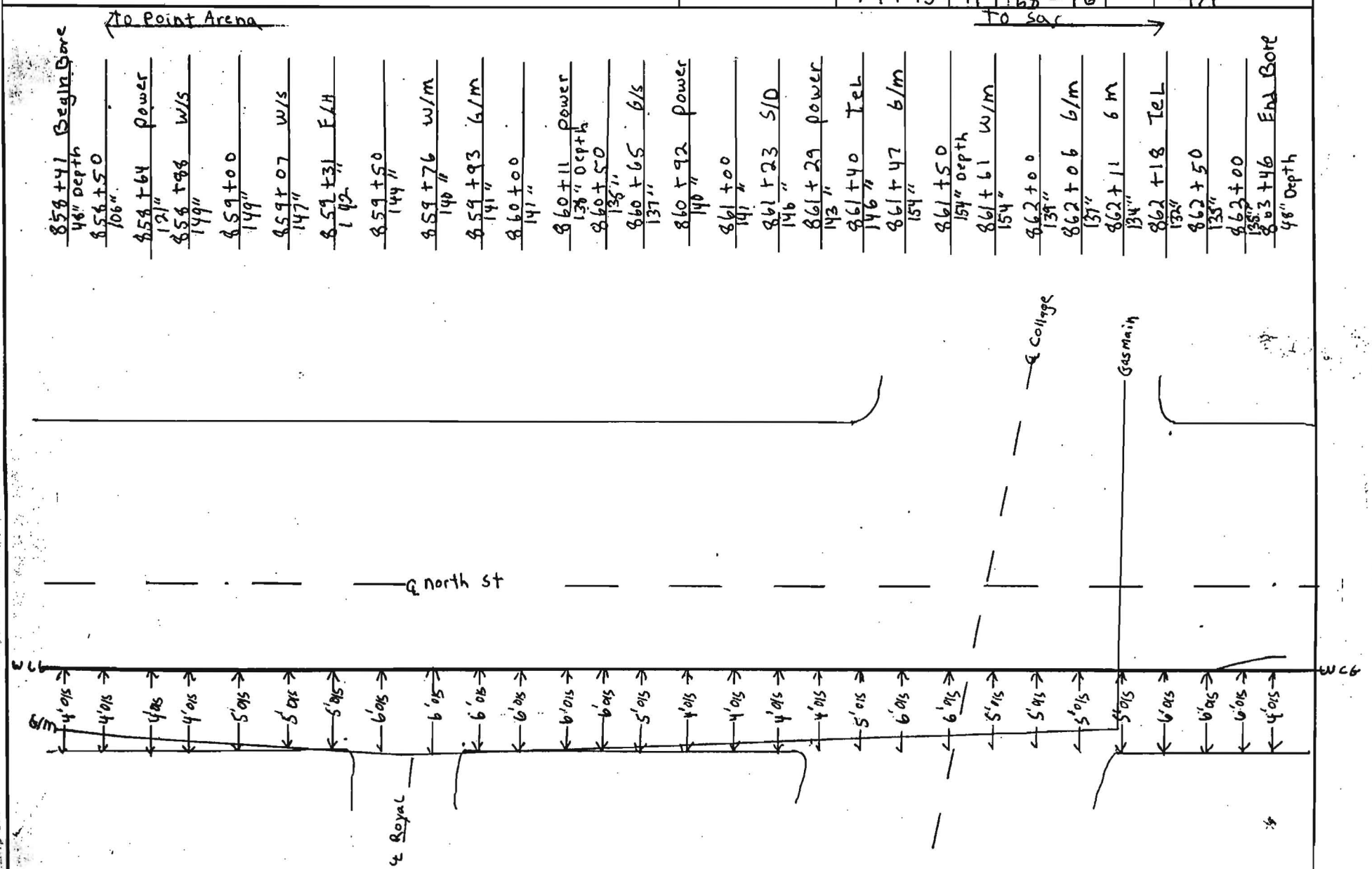
INSPECTOR: Berchtold

Williams CONSTRUCTION AS-BUILT DOCUMENTATION		PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
	11-9-00	99 P 154-11	167 - 168	4A



NOTES:	COUNTY:	CONTRACTOR:
w/m = watermain s/m = sewer main s/d = storm drain w/s water service	Sonoma	M G E
	DUCT CONFIGURTION:	INSPECTOR:
	2- 1.5 1- 1.25	Berchtold

Williams	CONSTRUCTION AS-BUILT DOCUMENTATION	11-3-00	PROJECT # 99P154-11	DWG/ALIGNMENT SHEET # 168-169	SPREAD # 4A



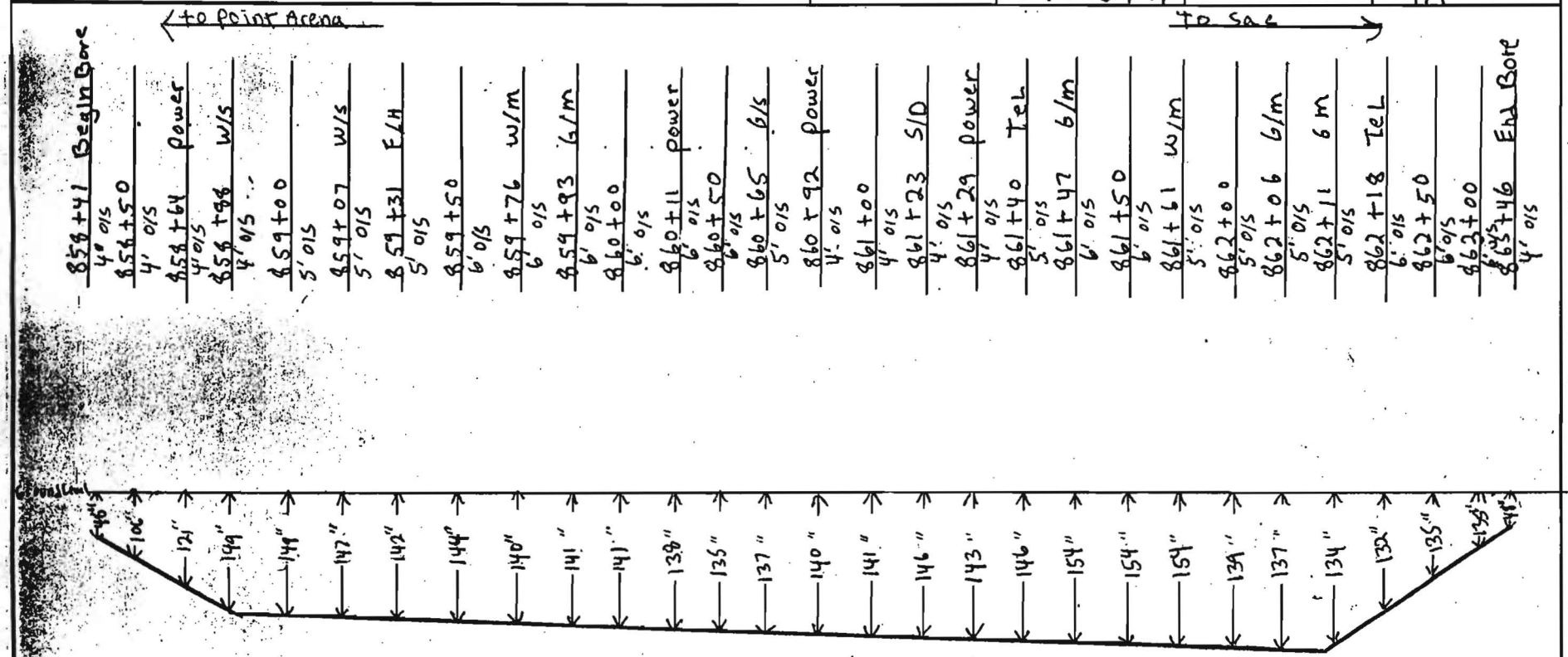
NOTES:
W/S = water service F/H = Fire
W/M = water main G/M = Gas main G/S = Gas service
S/D = Storm drain OFF sets From west curb

COUNTY:	CONTRACTOR:
Sonoma	M G E
DUCT CONFIGURTION:	INSPECTOR:
2 1.5 1 1.25	Berchtold

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

11-15-00	PROJECT # 99P154-11	DWG/ALIGNMENT SHEET # 168-169	SPREAD # 4A



NOTES: W/S = water service F/H = Fire
W/m = water main G/m = Gas main G/S = Gas service
S/D = storm drain

COUNTY: Sonoma

CONTRACTOR: M G E

DUCT CONFIGURTION: 2 1.5 1 1.25

INSPECTOR: Berchtold

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

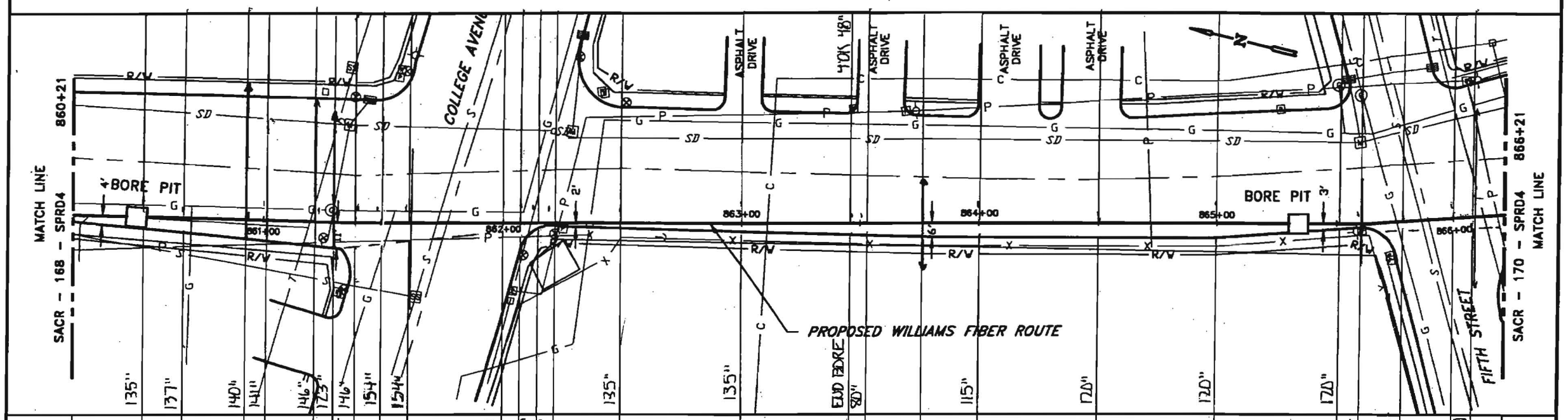
860+70 GAS LINE
861+18 15' LT. WATER VALVE
861+25 7' RT. UTILITY BOX
861+32 39' RT. UTILITY BOX
861+33 35' LT. WATER VALVE
861+34 30' RT. UTILITY BOX
861+34 39' RT. WATER VALVE
861+35 28' RT. UTILITY BOX
861+35 39' LT. STORM MH
861+36 52' LT. SANITARY MH
861+37 24' LT. WATER VALVE
861+54 GAS LINE
861+54 59' LT. UTILITY BOX
861+55 63' LT. UTILITY BOX
861+56 6' RT. WATER VALVE
861+56 6' RT. WATER VALVE
861+59 WATER LINE
861+59 63' LT. UTILITY BOX
861+71 43' LT. WATER VALVE
861+73 SEWER LINE
861+82 8' RT. WATER VALVE
861+84 7' LT. WATER VALVE
861+85 WATER LINE
862+03 32' RT. UTILITY BOX
862+04 28' RT. UTILITY BOX
862+06 15' RT. FIRE HYDRANT
862+09 12' RT. UTILITY BOX
862+22 7' RT. UTILITY BOX
862+25 38' LT. STORM MH
862+33 GAS LINE
862+37 45' RT. CATCH BASIN
862+41 53' RT. POWER POLE
862+41 53' LT. UTILITY BOX
862+43 53' LT. UTILITY BOX
862+52 50' LT. UTILITY BOX
862+68 6' RT. GUY
863+10 TV LINE
863+46 46' LT. UTILITY BOX
863+69 46' LT. UTILITY BOX
863+73 46' LT. LIGHT POLE
865+26 46' LT. UTILITY BOX
865+54 59' LT. CATCH BASIN
865+58 34' RT. LIGHT POLE
865+58 34' LT. STORM MH
865+60 3' RT. UTILITY BOX
865+62 3' RT. WATER VALVE
865+71 13' RT. UTILITY BOX
865+72 18' RT. UTILITY BOX
865+75 GAS LINE
865+85 SEWER LINE
865+88 60' LT. WATER VALVE
865+94 62' LT. CATCH BASIN
866+02 4' RT. WATER LINE
866+04 56' LT. WATER VALVE
866+12 TEL. LINE
866+19 48' LT. FIRE HYDRANT

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

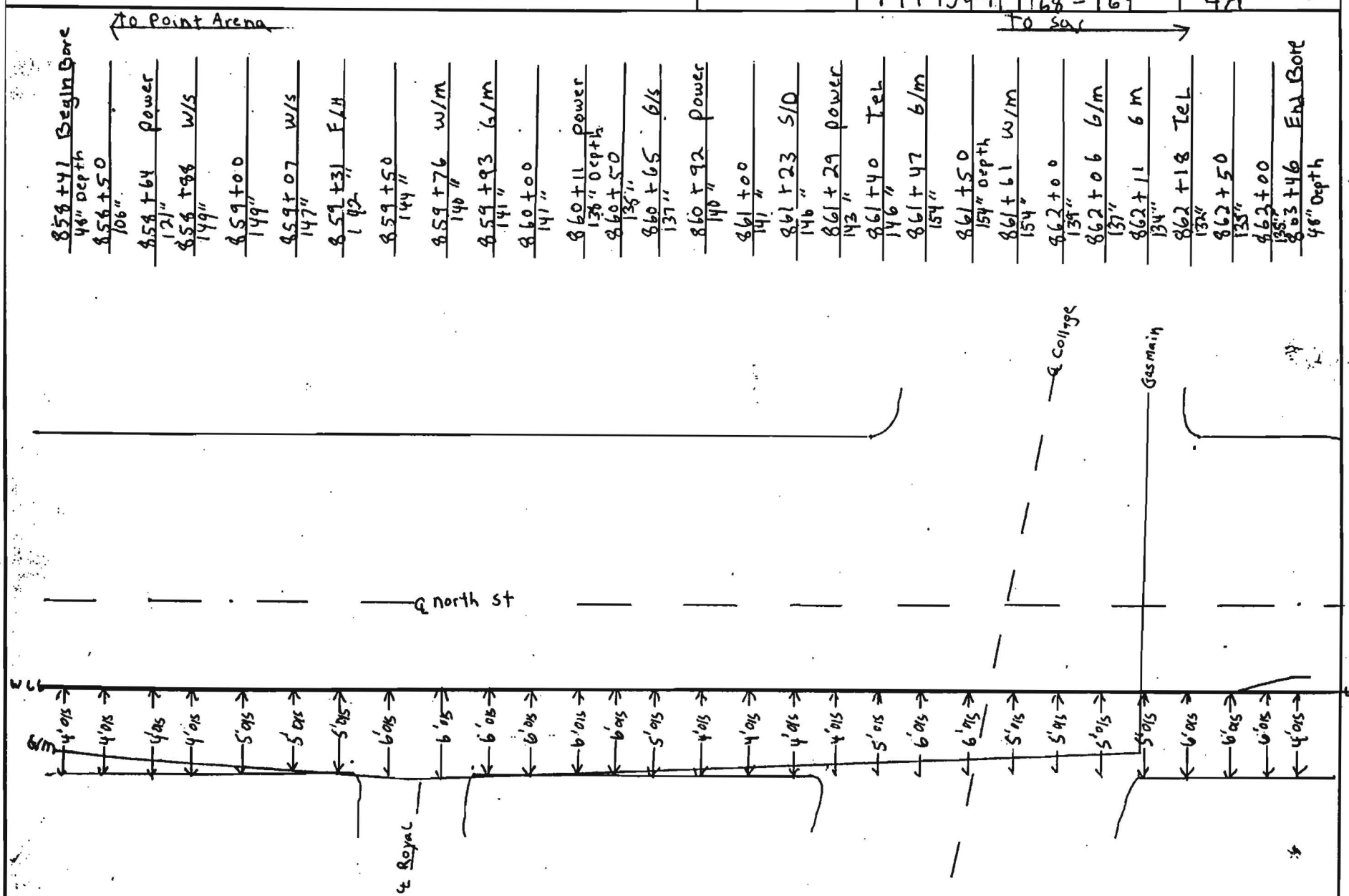


| 860+21 | | |

Willian

CONSTRUCTION AS-BUILT DOCUMENTATION

11 - 00	99P154-11	168 - 169	4A



NOTES:
W/S = water service F/H = Fire
W/M = water main G/M = Gas main G/S = Gas service
S/D = storm drain OFF sets From west curb

COUNTY: Sonoma

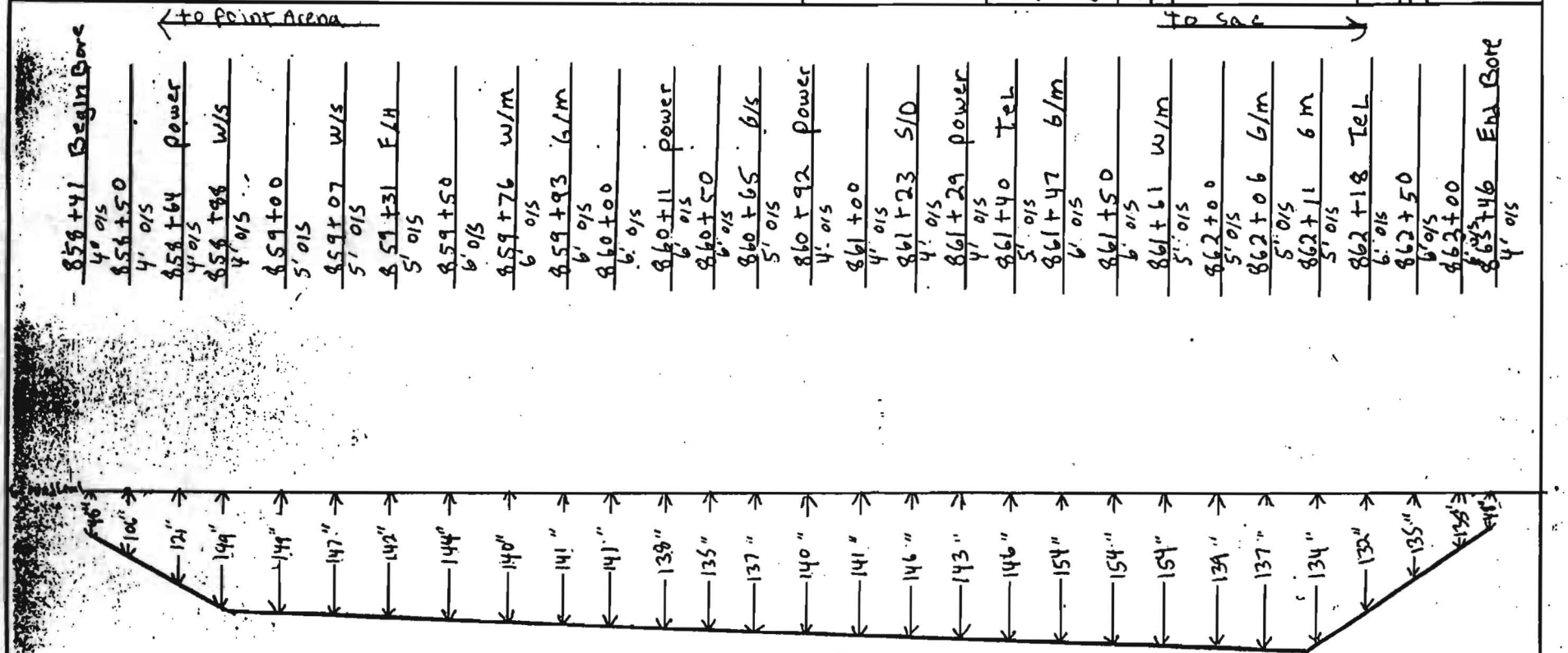
CONTRACTOR: M G E

DUCT CONFIGURTION: 2 1.5 1 1.25

INSPECTOR: Berchtold

Williams **CONSTRUCTION AS-BUILT DOCUMENTATION**

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-15-00	99P154-11	168-169	4A



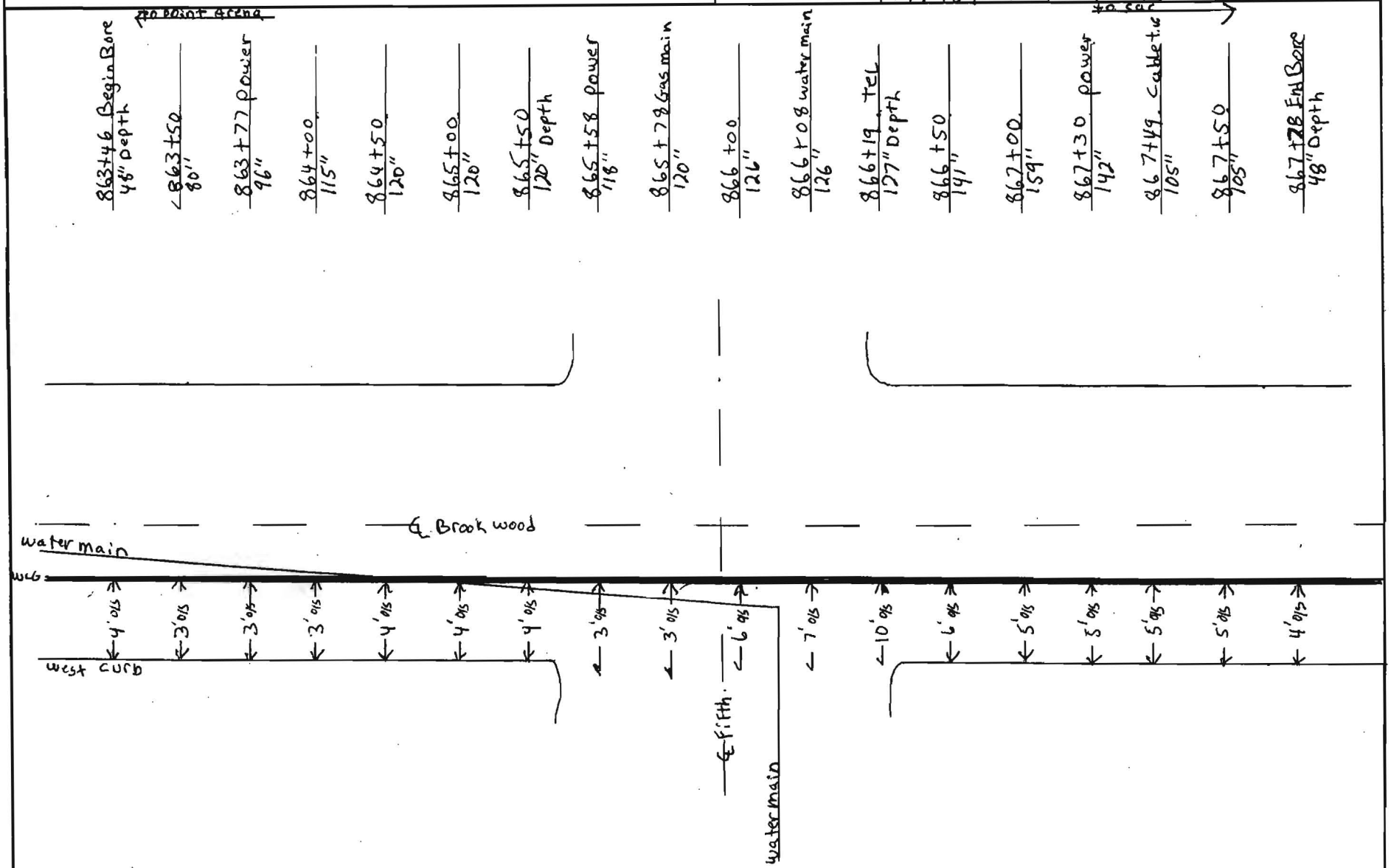
NOTES:
W/S = Water service F/H = Fire
W/M = Water main G/M = Gas main G/S = Gas service
S/D = Storm drain

COUNTY:	CONTRACTOR:
Sonoma	M G E
DUCT CONFIGURTION:	INSPECTOR:
2 1.5 1 1.25	Berchtold

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

11-1-00	PROJECT # 990154-11	DWG/ALIGNMENT SHEET # 169-170	SPREAD # 4A



NOTES: OFFSets From west curb of Brookwood	COUNTY: Sonoma	CONTRACTOR: M G E
	DUCT CONFIGURTION: 2-1.5 | 1.25	INSPECTOR: Berchtold

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

DATE	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-11-00	99P154-11	169-170	4A

863+46 Begin Bore 4'o/s

863+50 3'o/s

863+77 power 3'o/s

864+00 3'o/s

864+50 4'o/s

865+00 4'o/s

865+50 4'o/s

865+58 power 3'o/s

865+78 Gas main 3'o/s

866+00 6'o/s

866+08 water main 7'o/s

866+19 tel 10'o/s

866+50 6'o/s

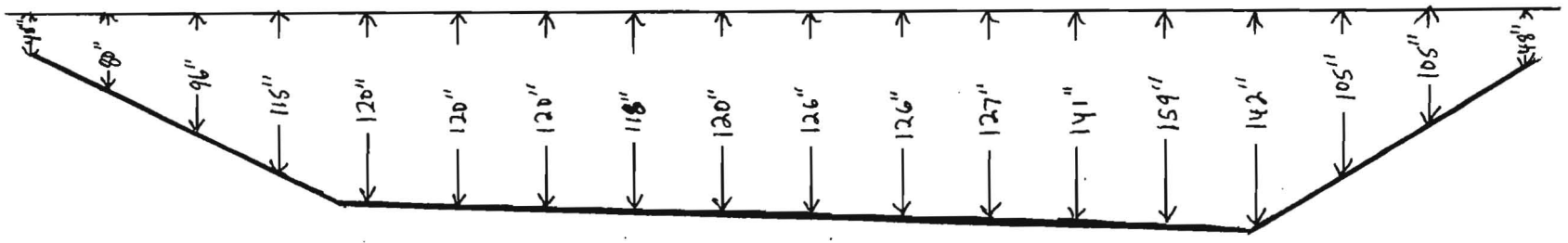
867+00 5'o/s

867+30 power 5'o/s

867+49 cable tv 5'o/s

867+50 5'o/s

867+78 End Bore 4'o/s



NOTES: OFF Sets From west curb of Brookwood

COUNTY: Sonoma

CONTRACTOR: M G E

DUCT CONFIGURTION: 2-1.5 1 1.25

INSPECTOR: Berchtold

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

866+12 TEL. LINE
866+12 58' LT. LIGHT POLE
866+15 9' LT. WATER VALVE
866+18 POWER LINE
866+18 28' RT. WATER VALVE
866+28 13' RT. UTILITY BOX
866+30 15' RT. UTILITY BOX
866+32 TV LINE

867+24 9' RT. UTILITY BOX

867+35 TV LINE
867+36 9' RT. UTILITY BOX
867+37 POWER LINE
867+38 63' LT. UTILITY BOX
867+41 62' LT. UTILITY BOX
867+76 MANHOLE 4'DIS
GARY BERCHTOLD 11.17.00

867+98 8' RT. UTILITY BOX

868+28 8' RT. LIGHT POLE
868+27 TEL LINE

868+43 21' RT. LIGHT POLE
868+44 15' RT. UTILITY BOX
868+44 43' LT. UTILITY BOX
868+45 20' RT. UTILITY BOX

868+65 1' RT. WATER LINE

868+71 5' RT. WATER LINE

868+82 45' LT. UTILITY BOX
868+86 44' LT. UTILITY BOX
868+88 43' LT. UTILITY BOX
868+96 44' RT. WATER VALVE
869+00 4' RT. SEWER LINE
869+02 85' RT. UTILITY BOX
869+03 50' LT. UTILITY BOX

869+16 4' RT. WATER LINE
869+18 91' RT. UTILITY BOX
869+18 84' RT. WATER VALVE
869+19 58' RT. MANHOLE
869+23 81' RT. UTILITY BOX
869+28 72' RT. UTILITY BOX
869+31 73' RT. GAS LINE
869+35 5' RT. UTILITY BOX
869+36 76' RT. WATER VALVE
869+45 57' LT. WATER VALVE
869+46 51' LT. WATER VALVE

869+71 11' LT. UTILITY BOX
869+74 9' LT. UTILITY BOX

869+83 28' RT. STORM MH

869+84 8' LT. UTILITY BOX
869+85 4' LT. UTILITY BOX
870+02 88' RT. SANITARY MH

870+21 8' LT. UTILITY BOX

870+43 CL DRIVEWAY

870+72 43' RT. WATER VALVE
870+74 44' RT. WATER VALVE
870+75 45' RT. WATER VALVE
870+83 76' RT. UTILITY BOX
870+83 DRIVEWAY
870+83 76' RT. WATER VALVE
870+84 95' RT. MANHOLE
870+88 8' LT. UTILITY BOX
870+89 87' RT. UTILITY BOX
871+02 TEL. LINE
871+13 8' LT. UTILITY BOX
871+21 76' RT. UTILITY BOX

871+39 10' LT. UTILITY BOX
871+36 MANHOLE 7'DIS
GARY BERCHTOLD 11.17.00

871+82 6' LT. CATCH BASIN

872+15 13' LT. UTILITY BOX

872+27 28' LT. UTILITY BOX
872+27 74' RT. UTILITY BOX

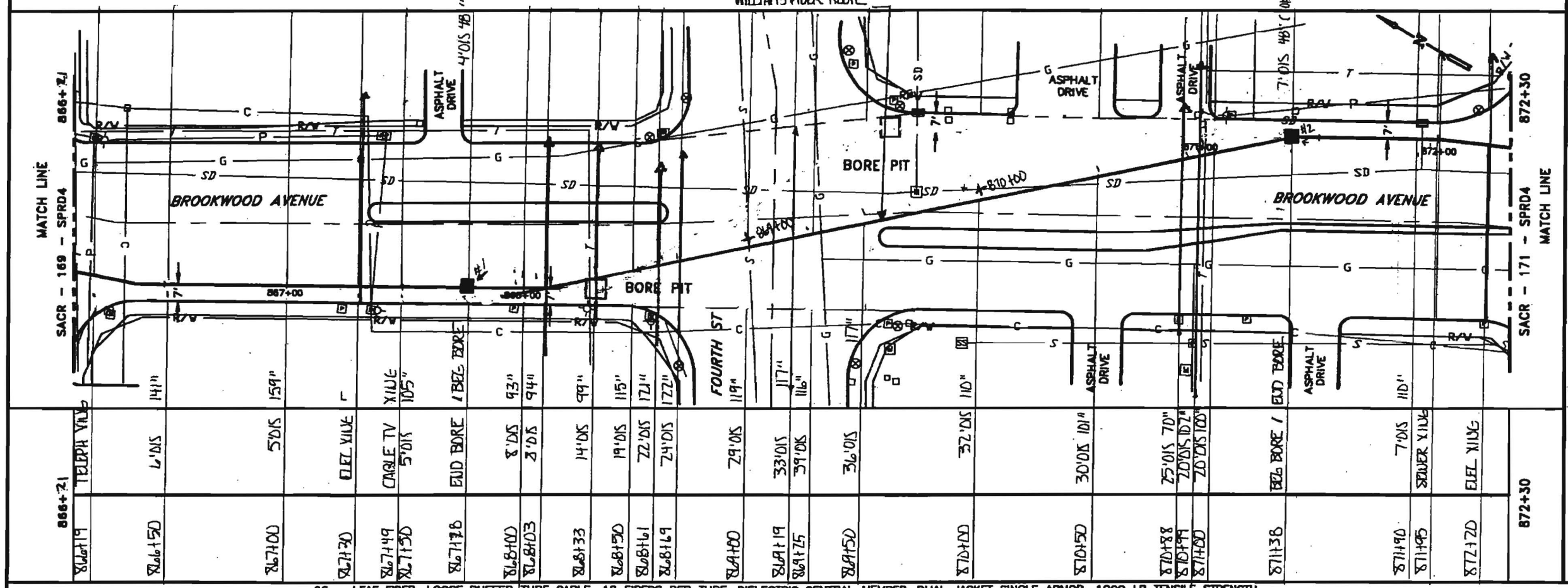
ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

WILLIAMS FIBER ROUTE



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)

866+21 TELEPH VAULT
866+19
866+50
2.11
2-1.5" HDPE
1-1.25" HDPE
GARY BERCHTOLD
11.11.00
MGE
866+30 ELEC VAULT
866+49 CTV VAULT

867+00
867+78
867+78
871+38
360'
2.11
2-1.5" HDPE
1-1.25" HDPE
GARY BERCHTOLD
11.13.00
MGE
* 868+03 ELEC
* 868+33 ELEC
* 868+61 ELEC
* 868+69 ELEC
* 869+19 WATER
* 869+75 GAS
* 870+88 ELEC
* 870+99 ELEC

IN BLACK 1.25 HDPE
6GA. TRACER WIRE
GLORIA TAYLOR
7-9-01

871+38
872+30
92'
2.11
2-1.5" HDPE
1-1.25" HDPE
GLORIA TAYLOR
11.07.00
MGE
* 871+95 SEWER TRANS.
* 872+20 ELEC

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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
- Township Line
- Section Line
- 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.L.P. Black Iron Pipe
- G.I.P. Galvanized Iron Pipe
- Edge of Pavement
- Edge of Gravel
- Face of Curb
- F.L. Fog Line and/or White Line
- Region Site
- P.G.P./Util.
- 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

1-800-582-8068

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	SSJ	3/27
2	REVISED RUNNING LINE	MW	6/16
3	REVISED RUNNING LINE	MW	10/20

CABLE DESCRIPTION
- CABLE FIBER COUNT MFR. TYPE OF GLASS
- CABLE REEL NO.
- SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
- INNERDUCT & TYPE (COND/SMOOTH/COLOR)
- STEEL PIPE SIZE
- PVC

FUTURE USE PLACE
- FUTURE-2
- FUTURE-3
- FUTURE-4

COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

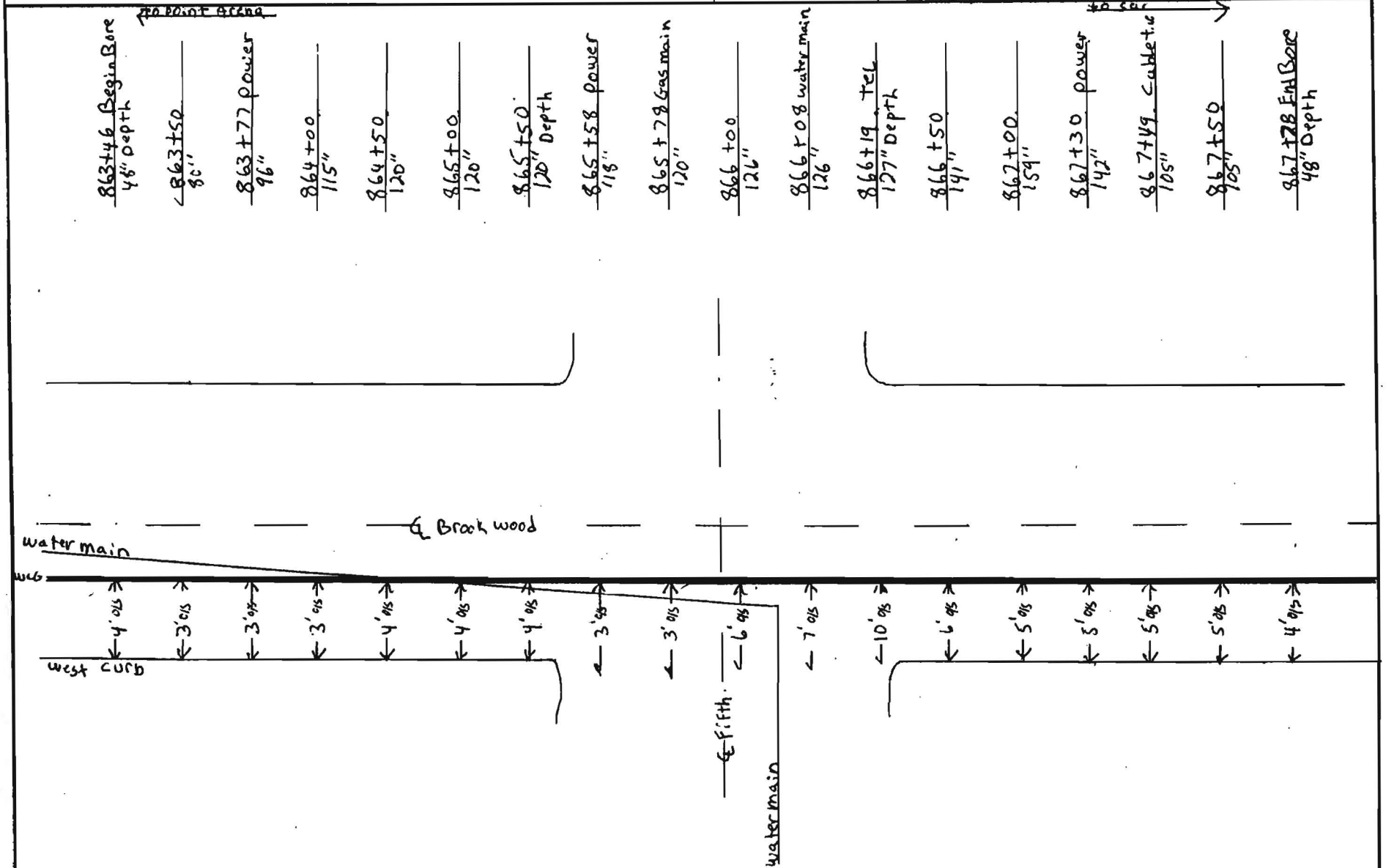
DRAWN BY : BJV	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
APP. : 4113	LOC. CODE :
HORIZONTAL SCALE (1mm = 1mm) :	1"=60'
VERTICAL SCALE (1mm) :	
VERTICAL SCALE (1mm) :	
MAP PROJECTION :	

DRAWING NUMBER : SACR-170-SPRD4

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
99P154-11	169-170	4A



NOTES: OFFSets From west curb of Brookwood

COUNTY: Sonoma

CONTRACTOR: M G E

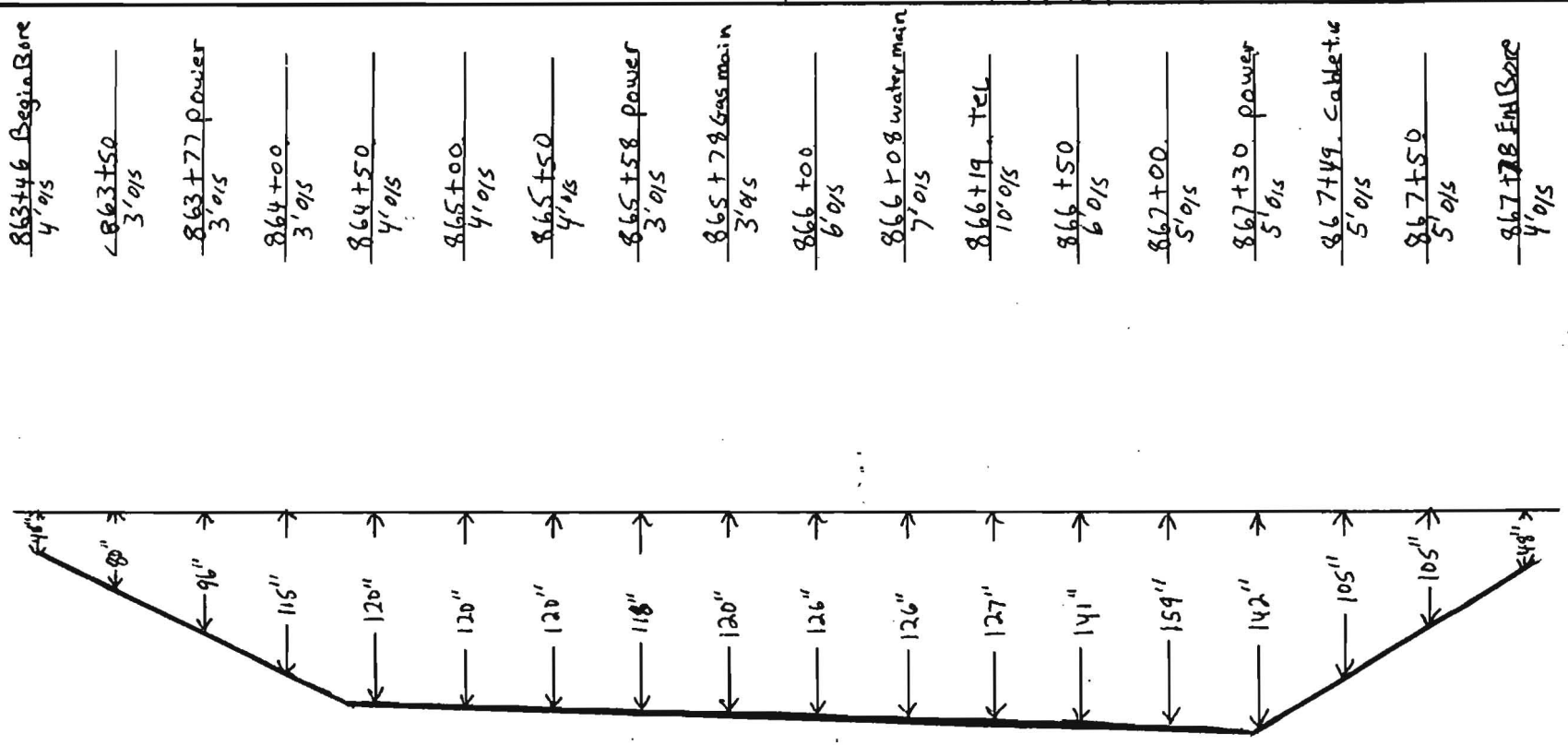
DUCT CONFIGURTION: 2 · 1.5 | 1.25

INSPECTOR: Berchtold

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-1-00	99P154-11	169-170	4A



NOTES: OFF Sets From ouest curb of Brookwood

COUNTY: Sonoma

CONTRACTOR: M G E

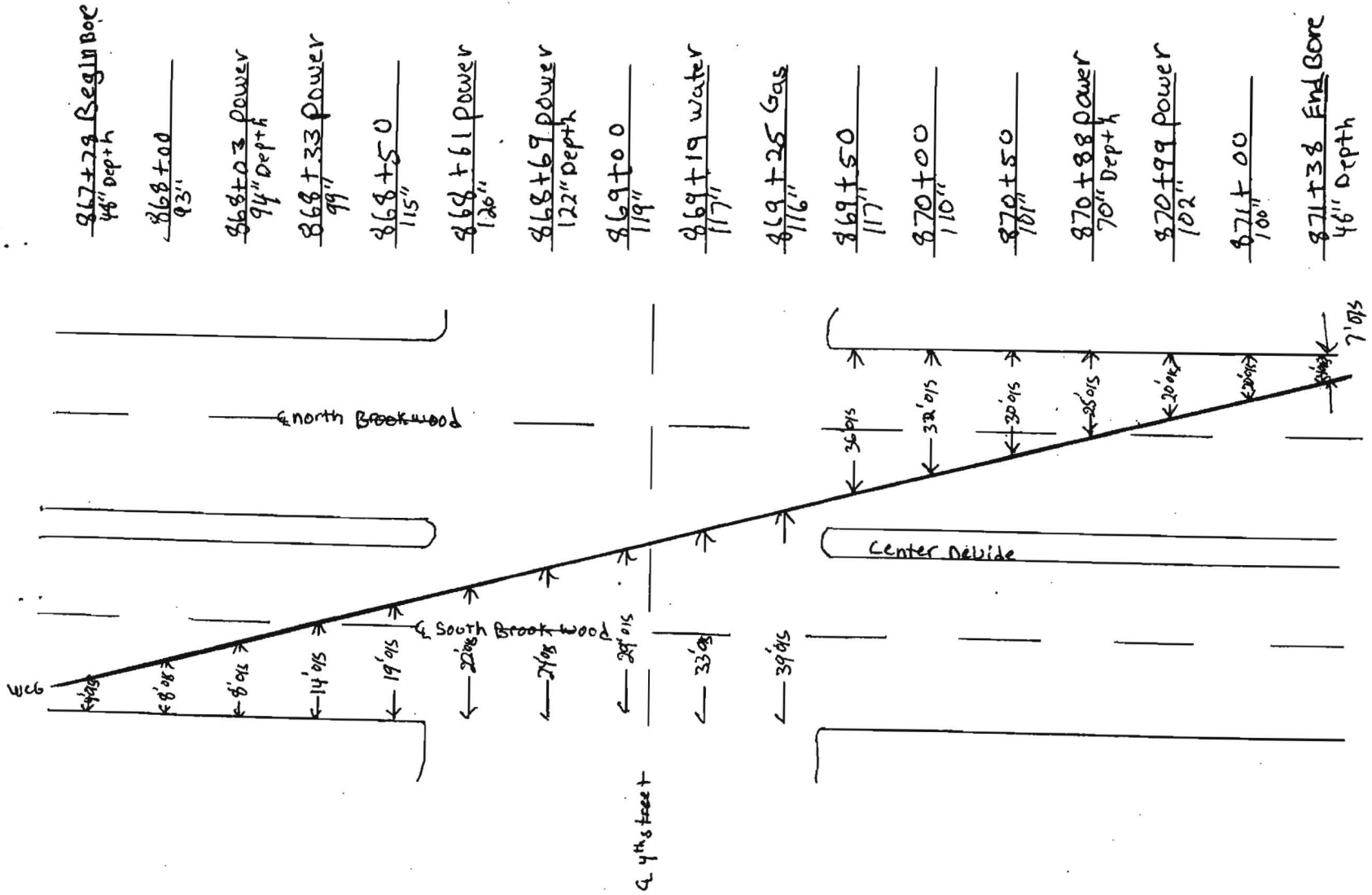
DUCT CONFIGURTION: 2 · 1.5 1 1.25

INSPECTOR: Berchtold

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

DATE	PROJECT #		
11-13-00	99P154-11	170	4A



NOTES: OFFsets 867+79 From south Brookwood to 869+25 From curb 869+50 to 871+38 north Brookwood curb

COUNTY:	CONTRACTOR:
Sonoma	M G E
DUCT CONFIGURTION:	INSPECTOR:
2 1.5 1 1.25	Berchtold

CONSTRUCTION AS-BUILT DOCUMENTATION

DATE	PROJECT #		
11-15-00	99P164-11	170	4A

867+29 Begin Bore
4' O/S

868+00
8' O/S

868+03 Power
8' O/S

868+33 Power
14' O/S

868+50
19' O/S

868+61 Power
22' O/S

868+69 Power
24' O/S

869+00
29' O/S

869+19 Water
33' O/S

869+25 Gas
39' O/S

869+50
36' O/S

870+00
32' O/S

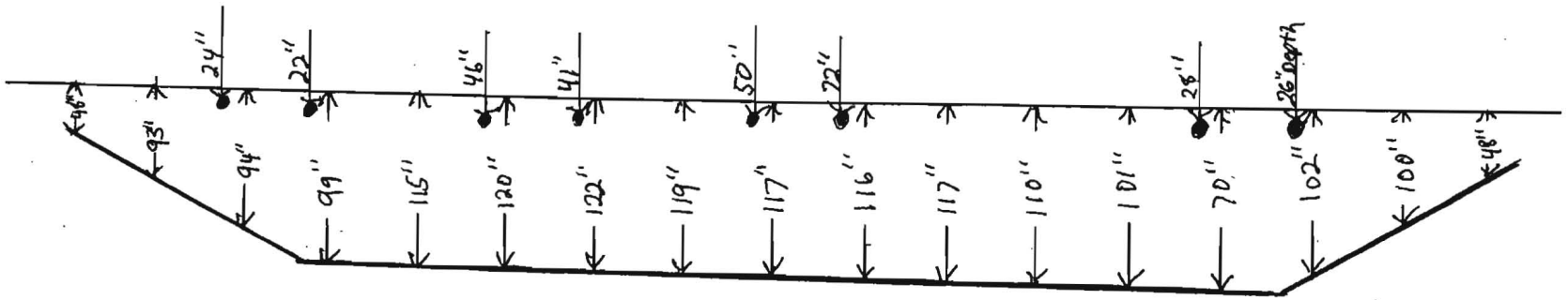
870+50
30' O/S

870+88 Power
25' O/S

870+99 Power
20' O/S

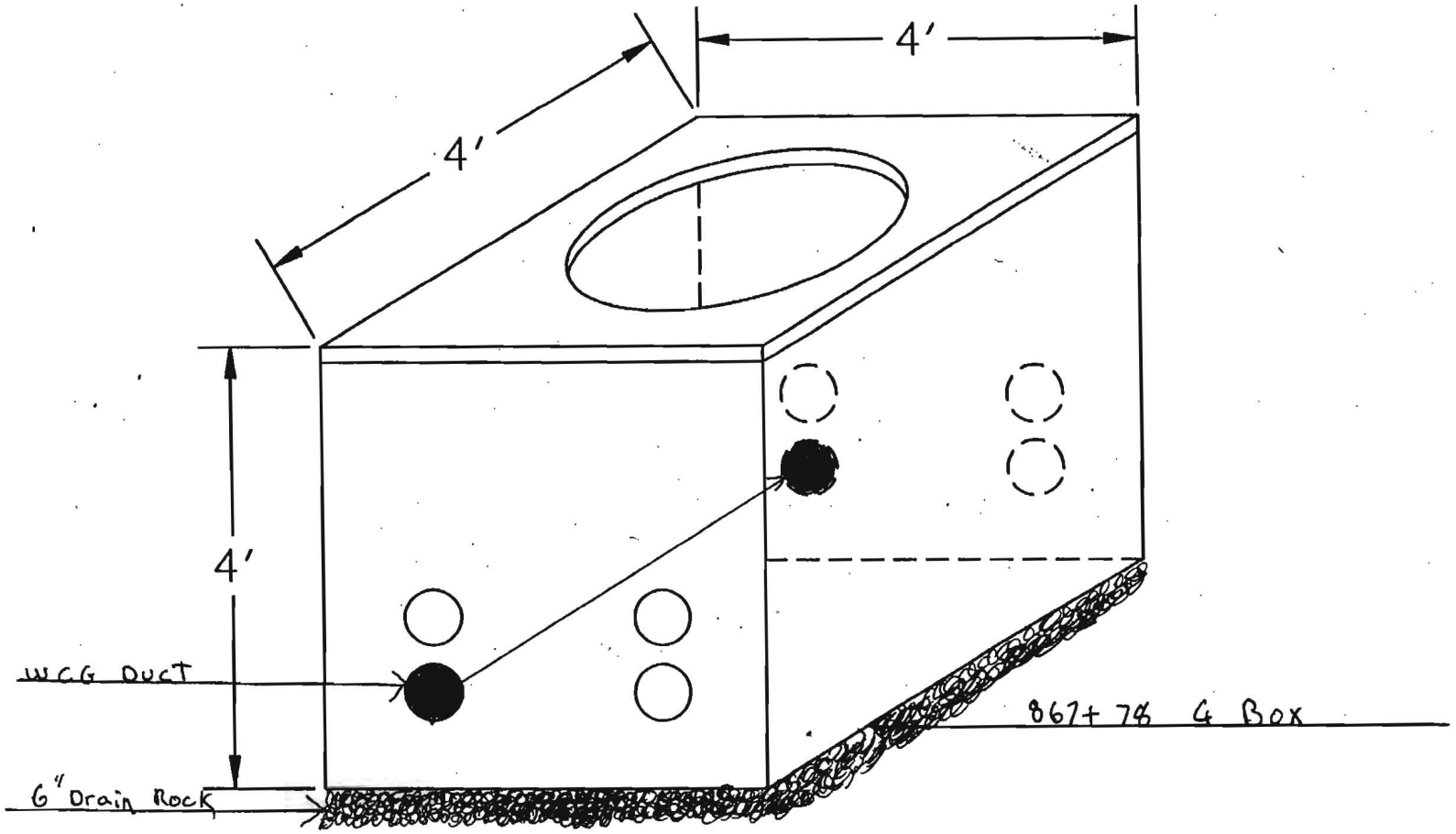
871+00
20' O/S

871+38 End Bore
4' O/S



NOTES:	COUNTY:	CONTRACTOR:
	Sonoma	MGE
	DUCT CONFIGURTION:	INSPECTOR:
	2 1.5 1 1.25	Berchtold

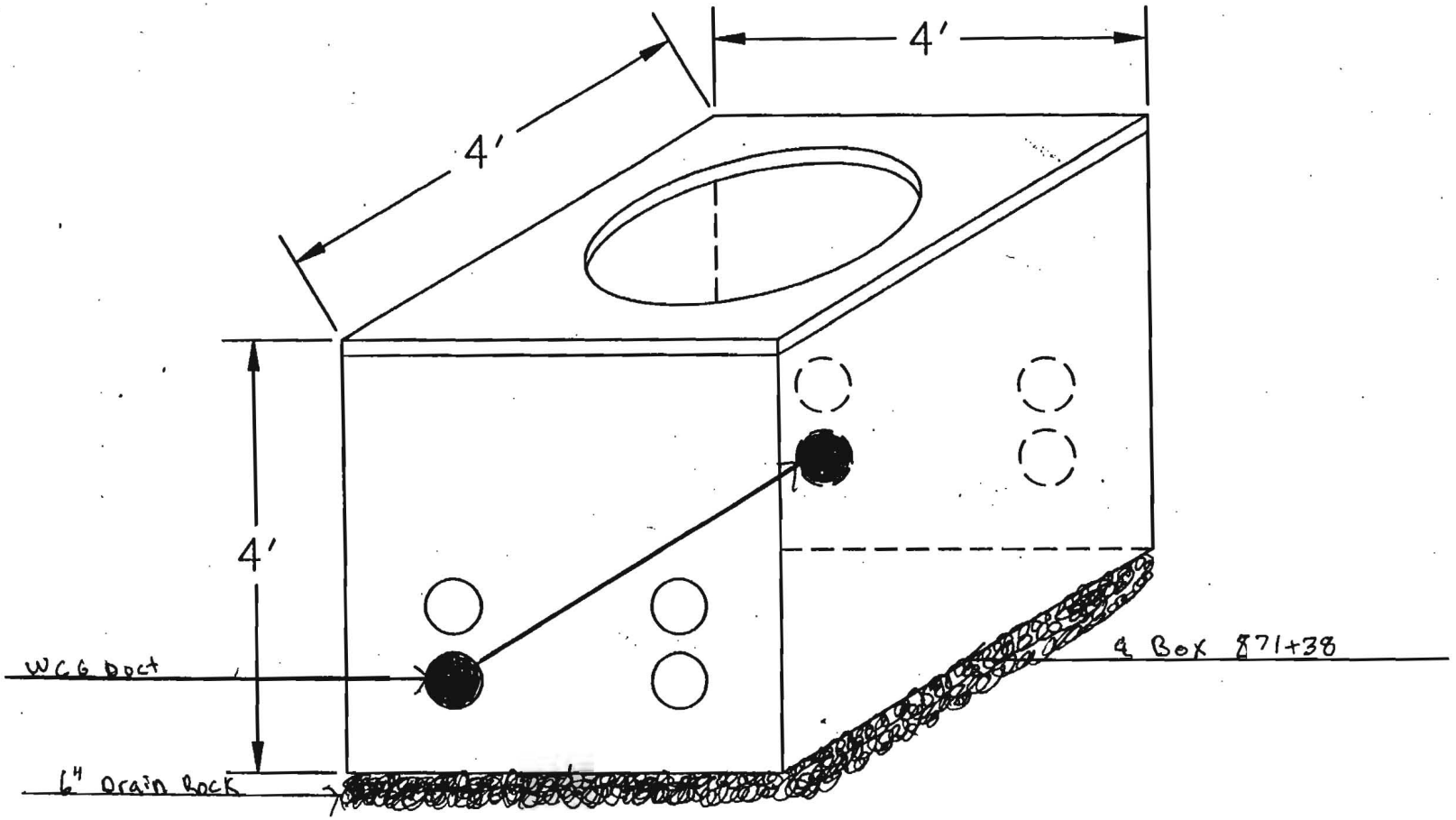
WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION	DATE: 11-14-00	PROJECT: 990154-11	DWG/ALIGNMENT SHEET# 170	SPREAD # 4 A



NOTES: 1120004 slurry around Box.	COUNTY: Sonoma	CONTRACTOR: M G E.
PAGE OF	DUCT CONFIGURATION: 2 1.5 1 1.25	INSPECTOR: Berchtold

WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
11-17-00	99P154-11	170	4A

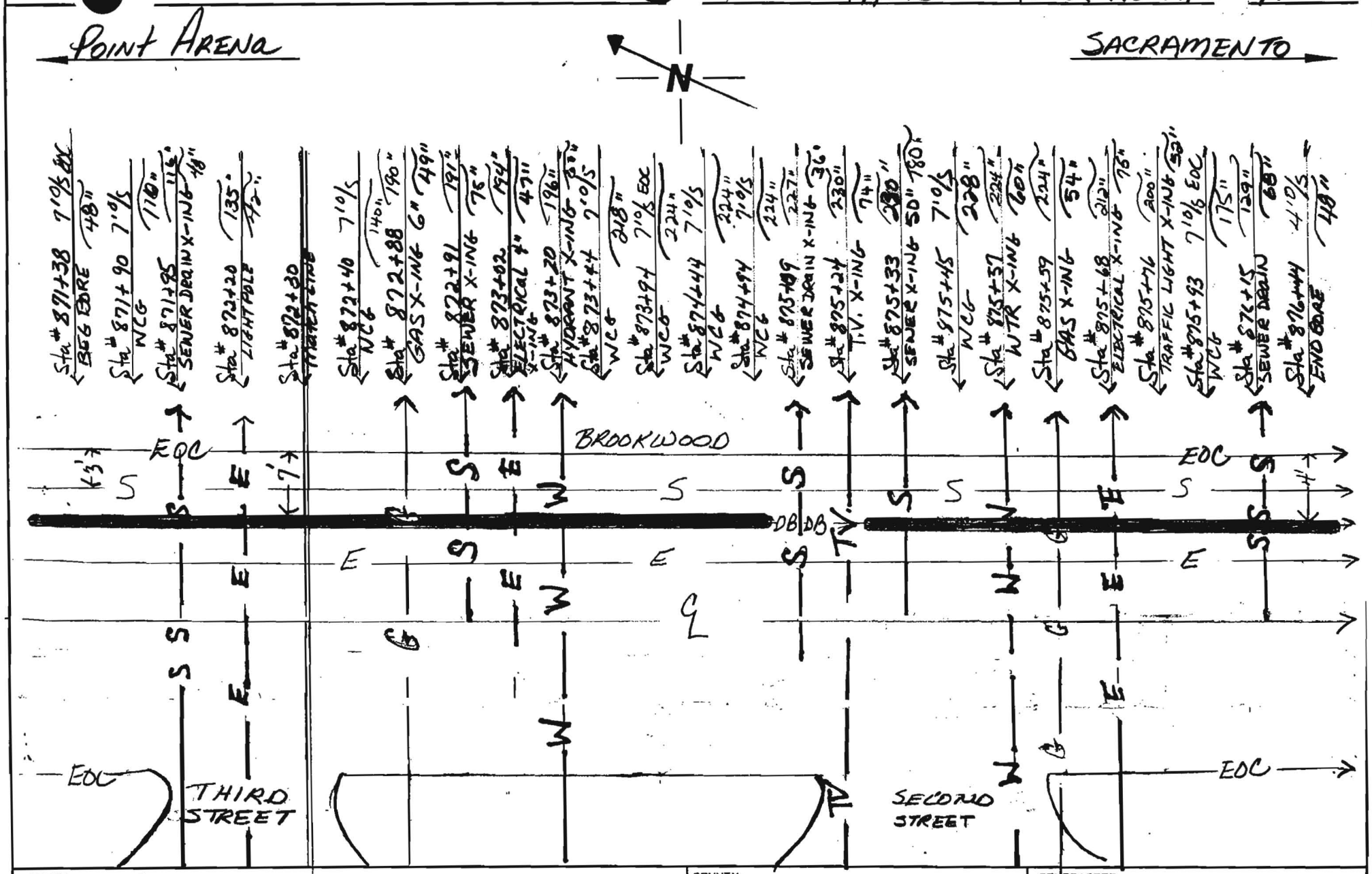


NOTES: 1120004 slurry around Box

PAGE OF

COUNTY:	CONTRACTOR:
Sonoma	MGE
DUCT CONFIGURATION:	INSPECTOR:
2-1.5 1-1.25	Berchtold

Williams CONSTRUCTION AS-BUILT DOCUMENTATION	DATE: 11-7-00	PROJECT: 99P154.11	DWG/ALIGNMENT SHEET #: SACR 170-171	SPREAD #: 4A



NOTES: 506' BORE	COUNTY: Sonoma	CONTRACTOR: MGE
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: GLORIA TABOR

Williams CONSTRUCTION AS-BUILT DOCUMENTATI

DATE:

PROJECT: 99P154.11

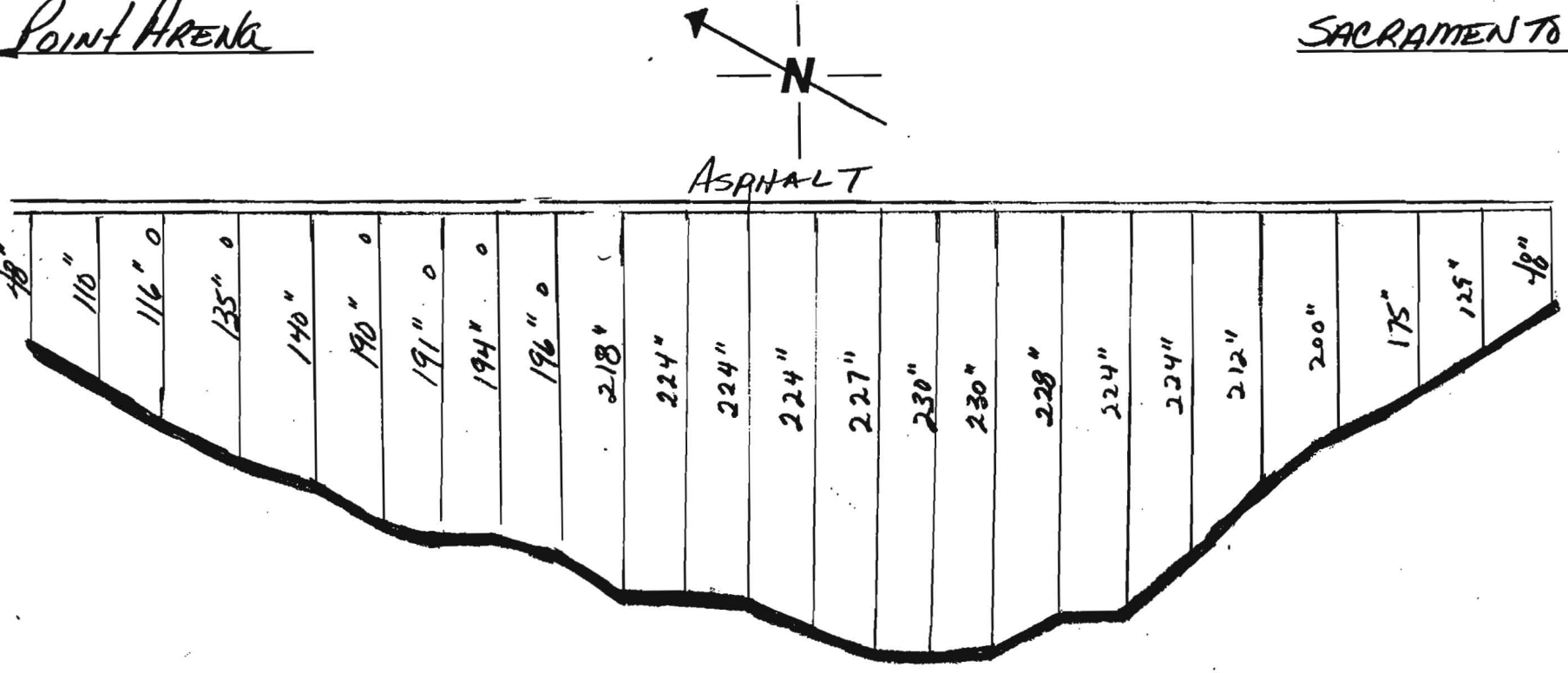
DWG/ALIGNMENT SHEET#: SACR 178-17.

SPREAD #: 4A

POINT ARENA

SACRAMENTO

N



Sta # 871+38 7"/s EOC
BEG BORE 48"

Sta # 871+90 2"/s EOC
WC6 110"

Sta # 871+95 116"
SEWER DRAIN X-ING 48"

Sta # 872+20 135"
LIGHT POLE X-ING 48"

Sta # 872+40 2"/s EOC
WC6 140"

Sta # 872+88 190"
GAS X-ING 6" 49"

Sta # 872+91 191"
SEWER X-ING 75"

Sta # 873+02 194"
ELECTRICAL 4" 47"

Sta # 873+20 196"
HYDRANT X-ING 20"

Sta # 873+44 2"/s EOC
WC6 218"

Sta # 873+94 7"/s EOC
WC6 224"

Sta # 874+44 2"/s EOC
WC6 224"

Sta # 874+94 7"/s EOC
WC6 224"

Sta # 875+09 227"
SEWER X-ING 30"

Sta # 875+24 239"
T.V. X-ING 74"

Sta # 875+38 230"
SEWER X-ING 30" 180"

Sta # 875+45 2"/s EOC
WC6 228"

Sta # 875+52 224"
WTR X-ING 20"

Sta # 875+59 132"
GAS X-ING 34"

Sta # 875+69 212"
ELECTRICAL X-ING 75"

Sta # 875+76 200"
TRAFFIC LIGHT X-ING 51"

Sta # 873+93 7"/s EOC
WC6 175"

Sta # 876+15 128"
SEWER DRAIN 68"

Sta # 876+44 7"/s EOC
END BORE 48"

NOTES: 506' BORE

COUNTY: SONOMA

CONTRACTOR: MGE

DUCT CONFIGURATION: (2) 1 1/2 (1) 1 1/4 H.D.P.E.

INSPECTOR: GLORIA TABOR

PAGE OF

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

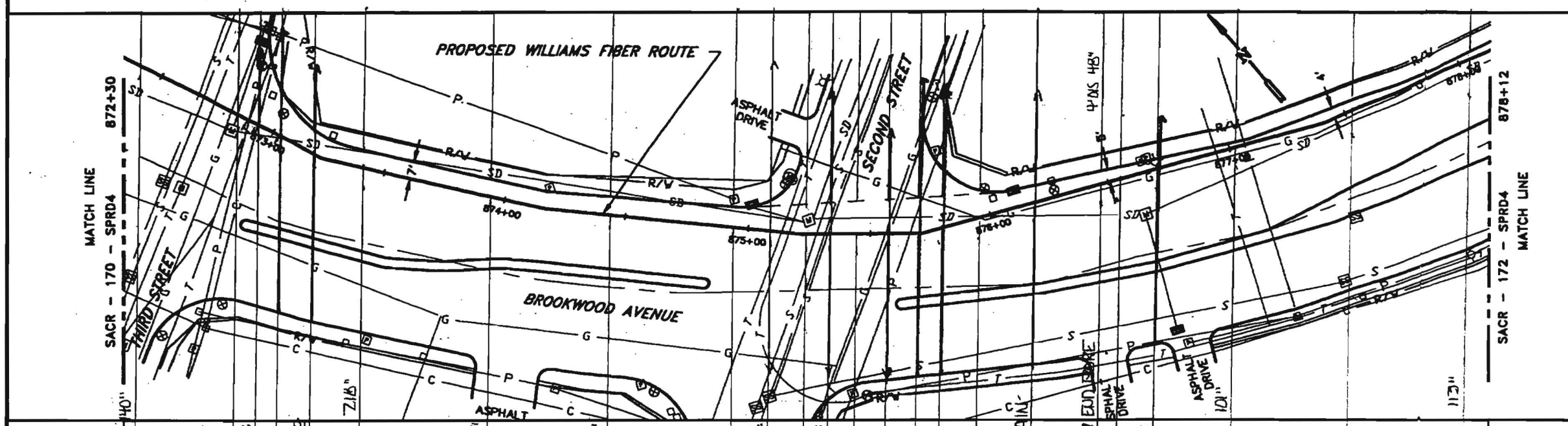
872+41 77' RT. UTILITY BOX
872+46 86' RT. UTILITY BOX
872+48 84' RT. UTILITY BOX
872+50 31' LT. WATER VALVE
872+54 WATER LINE
872+60 83' RT. WATER VALVE
872+61 86' RT. WATER VALVE
872+63 83' RT. WATER VALVE
872+68 SEWER LINE
872+70 57' RT. SANITARY MH
872+73 TEL. LINE
872+75 76' RT. SANITARY MH
872+77 74' RT. UTILITY BOX
872+81 GAS LINE
873+53 STORM DRAIN
873+83 21' LT. UTILITY BOX
873+84 6' RT. STORM MH
873+85 35' LT. UTILITY BOX
873+88 POWER LINE
873+93 TV LINE
873+98 94' RT. UTILITY BOX
874+06 78' RT. UTILITY BOX
874+11 83' RT. UTILITY BOX
874+11 92' RT. UTILITY BOX
874+12 WATER LINE
874+12 6' LT. FIRE HYDRANT
874+13 71' RT. UTILITY BOX
874+17 17' LT. WATER VALVE
874+18 7' LT. WATER VALVE
874+18 8' LT. UTILITY BOX
874+57 67' RT. UTILITY BOX
874+74 53' RT. WATER VALVE
874+82 69' RT. UTILITY BOX
874+83 11' LT. UTILITY BOX
875+01 8' LT. CATCH BASIN
875+13 TEL. LINE
875+14 22' LT. GAS VALVE
875+14 23' LT. GAS VALVE
875+16 TEL. LINE
875+21 39' RT. WATER VALVE
875+25 5' LT. STORM MH
875+28 SEWER LINE
875+30 35' RT. WATER VALVE
875+30 35' RT. WATER VALVE
875+32 35' RT. WATER VALVE
875+33 SEWER LINE
875+45 WATER LINE
875+55 GAS LINE
875+55 TEL. LINE
875+83 64' LT. WATER VALVE
875+82 64' LT. WATER VALVE
875+85 30' LT. UTILITY BOX
875+90 31' LT. UTILITY BOX
875+92 58' LT. GUY
876+00 19' LT. UTILITY BOX
876+02 6' LT. UTILITY BOX
876+11 LT. CATCH BASIN
876+27 3' LT. UTILITY BOX
876+27 6' LT. UTILITY BOX
876+60 16' RT. STORM MH
876+60 65' RT. CATCH BASIN
876+64 4' LT. UTILITY BOX
876+70 2' LT. LIGHT POLE
876+83 2' RT. GAS LINE
877+06 1' RT. POWER LINE
877+31 64' RT. SANITARY MH
877+99 30' RT. WATER VALVE
878+00 30' RT. WATER VALVE

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



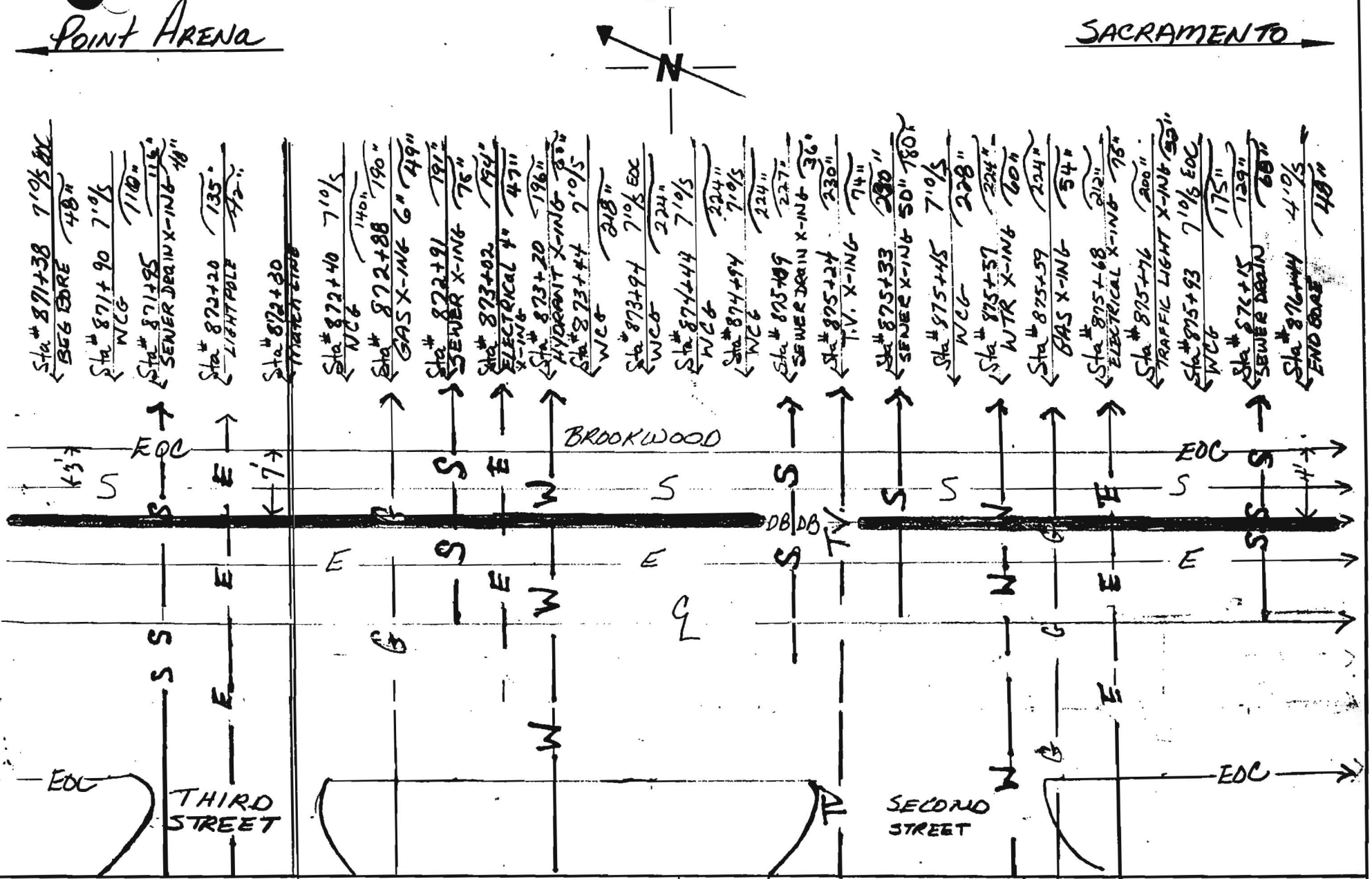
| | | |

Williams CONSTRUCTION AS-BUILT DOCUMENTATI

DATE:	PROJECT:	DWG/ALIGNMENT SHEET #:	SPREAD #:
11-1-02	99P154.11	SACR 170-171	4A

Point Arena

SACRAMENTO



NOTES:	COUNTY:	CONTRACTOR:
506' BORE	Sonoma	MGE
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: GLORIA TABOR

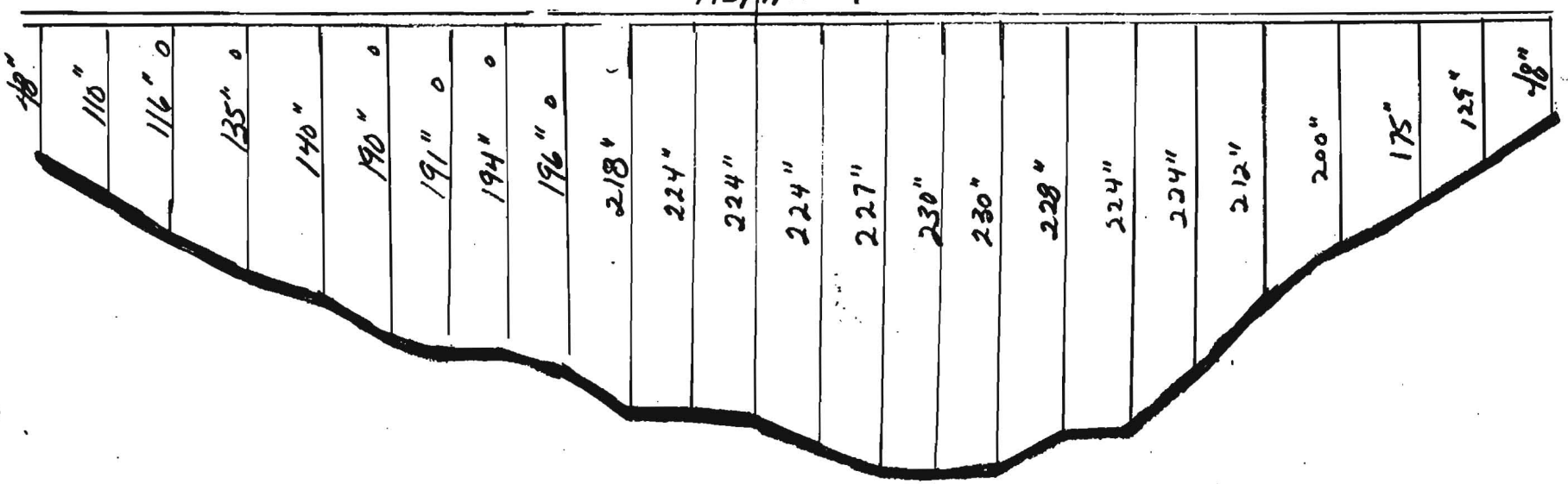
Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE: | PROJECT: 99P154.11 | DWG/ALIGNMENT SHEET #: SACR 170-17 | SPREAD #: 4A

POINT ARENA

N

SACRAMENTO



Sta # 871+38 BEG BORE 48" 7'% EOC
Sta # 871+90 WCG 110" 2'% EOC
Sta # 871+95 SEWER DRAIN X-ING 116" 48"
Sta # 872+20 LIGHT POLE X-ING 135" 42"
Sta # 872+40 WCG 140" 2'% EOC
Sta # 872+88 GAS X-ING 6" 190"
Sta # 872+91 SEWER X-ING 49" 191" 75"
Sta # 873+02 ELECTRICAL 4" 194" 42"
Sta # 873+20 HYDRANT X-ING 196" 60"
Sta # 873+44 WCG 218" 2'% EOC
Sta # 873+48 WCG 224" 7'% EOC
Sta # 874+44 WCG 224" 7'% EOC
Sta # 874+94 WCG 224" 7'% EOC
Sta # 875+09 SEWER X-ING 36" 227"
Sta # 875+21 T.V. X-ING 230" 74"
Sta # 875+38 SEWER X-ING SD 230" 180"
Sta # 875+45 WCG 228" 7'% EOC
Sta # 875+52 WTR X-ING 10" 224"
Sta # 875+59 GAS X-ING 224" 54"
Sta # 875+70 ELECTRICAL X-ING 212" 125"
Sta # 875+76 TRAFFIC LIGHT X-ING 200" 48"
Sta # 876+93 WCG 175" 7'% EOC
Sta # 876+15 SEWER DRAIN 125" 48"
Sta # 876+41 END BORE 48" 7'% EOC

NOTES: 506' BORE

COUNTY: Sonoma

CONTRACTOR: MGE

DUCT CONFIGURATION: (2) 1½ (I) 1¼ H.D.P.E.

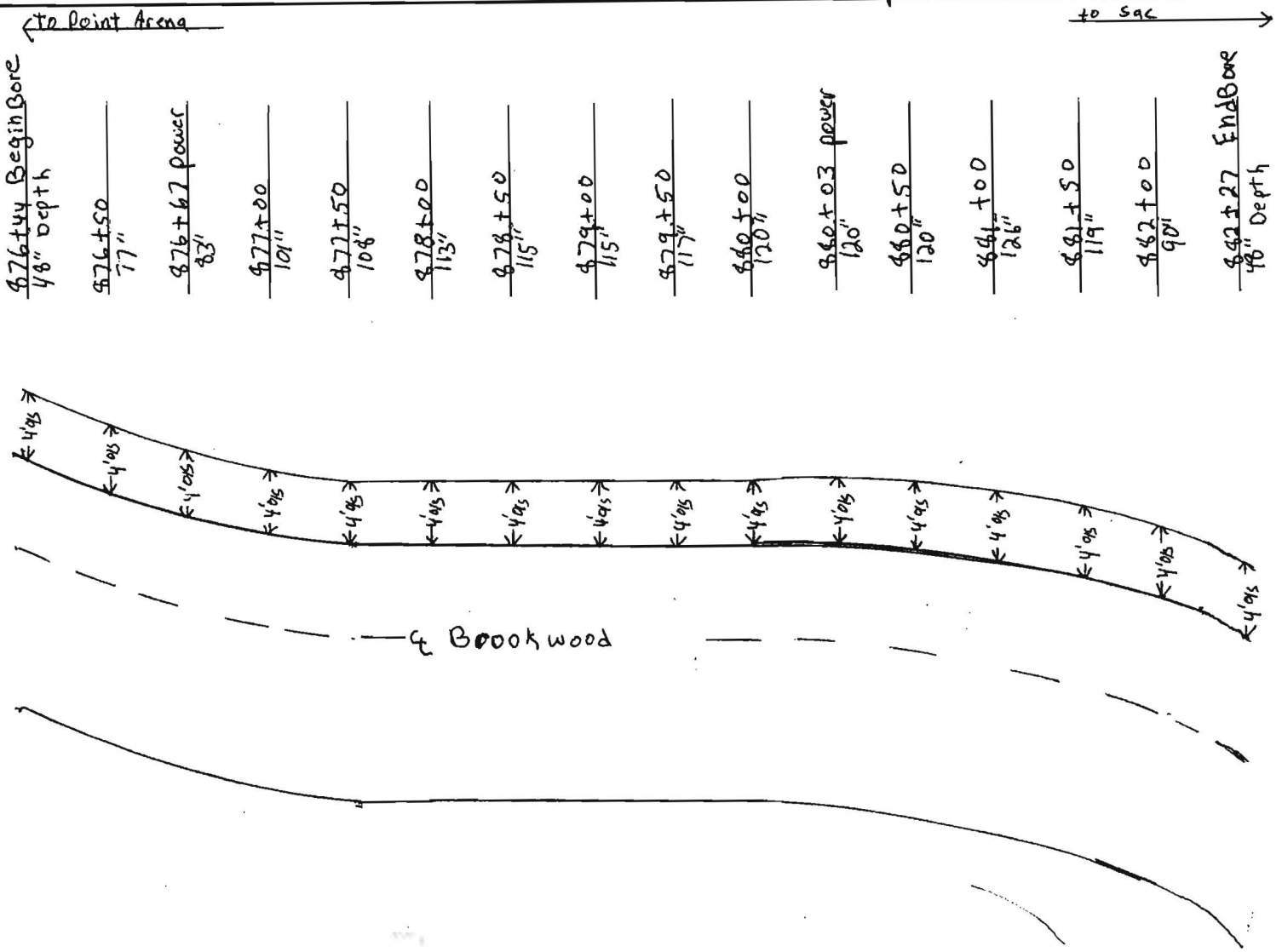
INSPECTOR: GLORIA TABOR

PAGE OF

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-10-00	99P154-11	171-172	4A

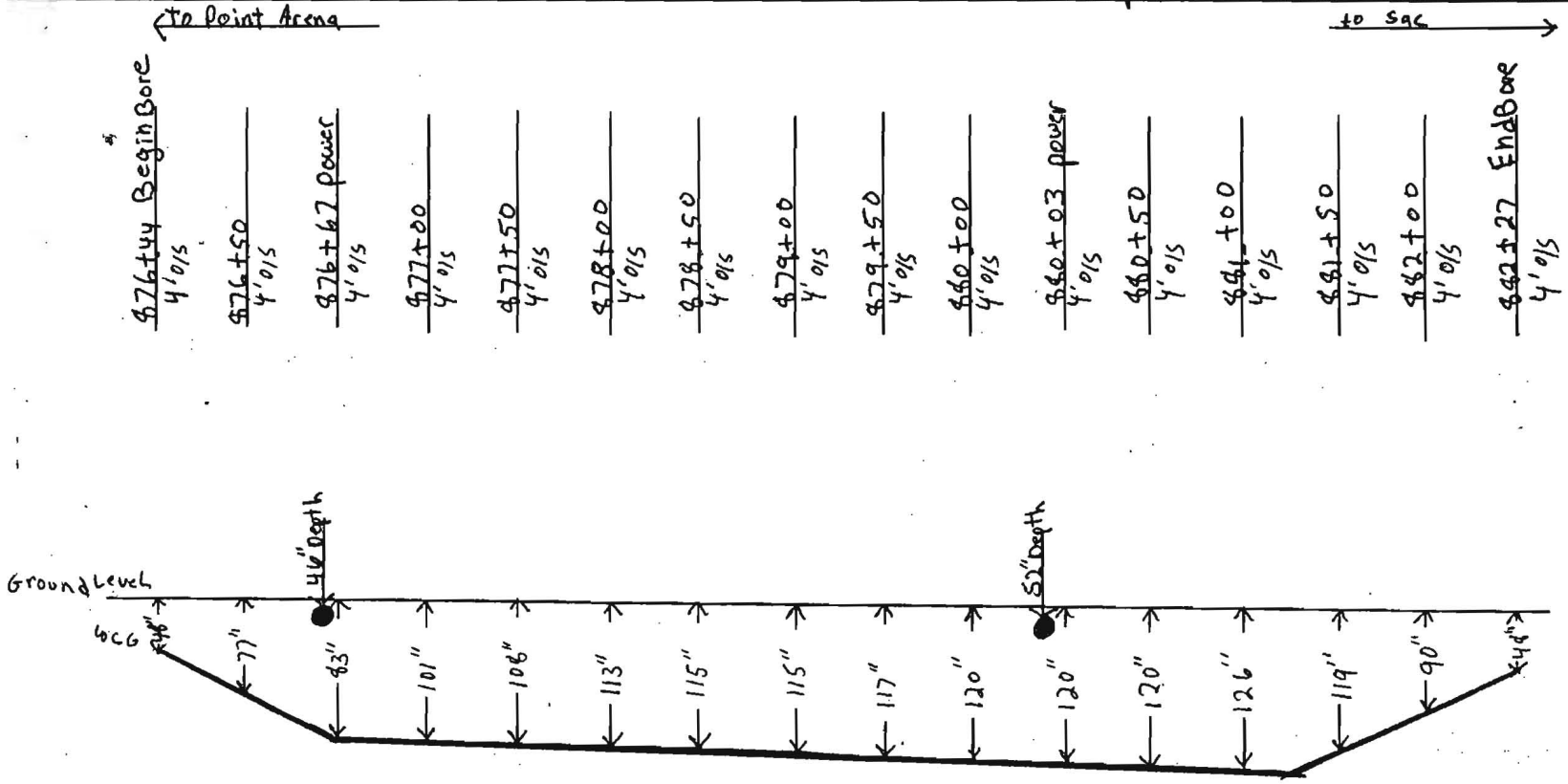


NOTES:	COUNTY:	CONTRACTOR:
OFFsets From East curb of Brookwood	Sonoma	M G E
	DUCT CONFIGURTION:	INSPECTOR:
	2 1.5 1 1.25	Berchtold

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-10-00	99Q154-11	171-172	4A



NOTES: OFF Sets From East Curb of Brookwood

COUNTY: Sonoma

CONTRACTOR: M G E

DUCT CONFIGURTION: 2 1.5 1 1.25

INSPECTOR: Berchtold

OWNERSHIP: COUNTY OF SONOMA

FIBER STATIONING

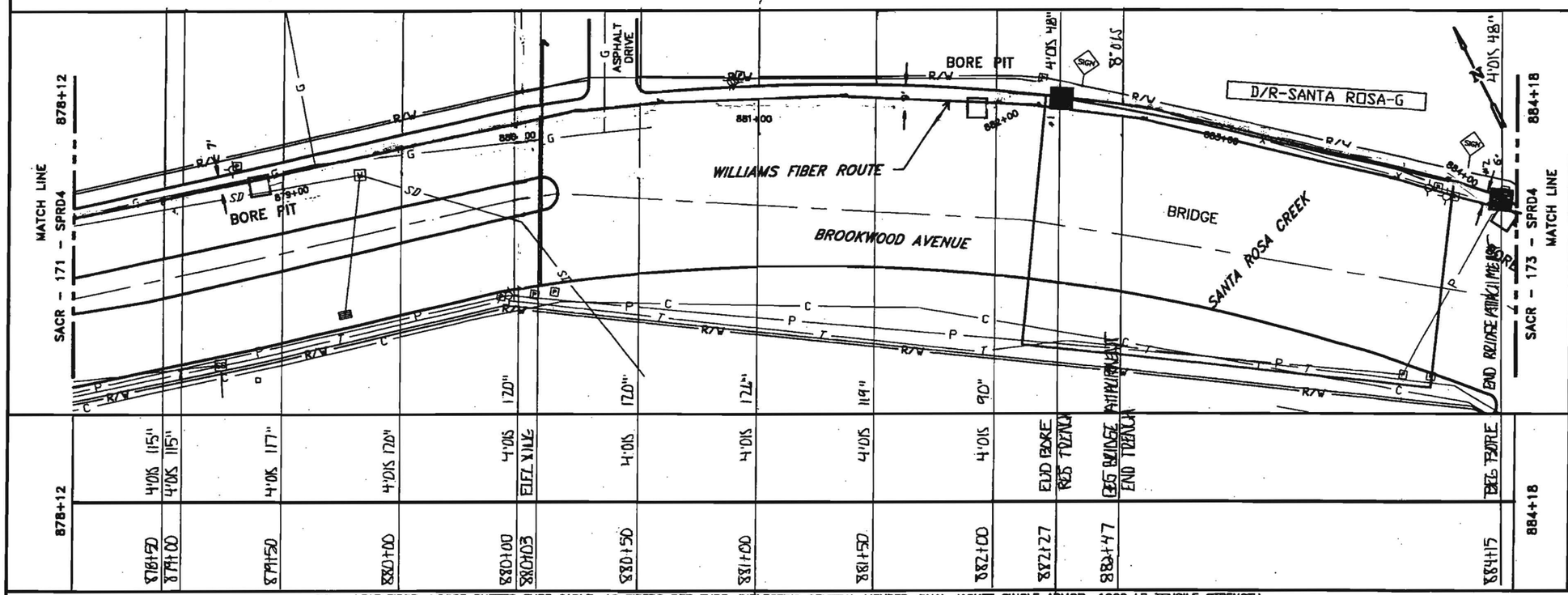
878+53 89' RT. FIRE HYDRANT
878+62 70' RT. SANITARY MH
878+75 36' RT. WATER VALVE
878+78 33' RT. WATER VALVE
878+80 8' LT. LIGHT POLE
878+82 9' LT. UTILITY BOX
879+11 59' RT. CATCH BASIN
879+28 26' RT. WATER VALVE
879+30 25' RT. WATER VALVE
879+31 5' RT. STORM MH
879+99 1' LT. TEL LINE
880+37 5' LT. GAS LINE
880+40 4' LT. CL DRIVEWAY
880+80 10' LT. LIGHT POLE
880+81 10' LT. LIGHT POLE
880+84 12' LT. UTILITY BOX
882+22 1' LT. UTILITY BOX
882+30 3' RT. UTILITY BOX
882+33 4' RT. UTILITY BOX
882+38 2' LT. SIGN
882+15 MANHOLE
GLORIA TABOR 3-7-01
883+89 5' RT. LIGHT POLE
883+92 5' RT. UTILITY BOX
883+99 6' RT. LIGHT POLE
884+02 5' RT. UTILITY BOX
884+04 10' RT. POWER LINE
884+18 8' LT. UTILITY BOX

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
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)

878+12	882+27	882+47		884+15
882+27	882+47	884+15		884+18
415'	20'	168"		31
Z.11	TRENCH	ARTBEAM/EQUIPMENT		Z.11
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
GARY BERCHTOLD	GLORIA TABOR	GLORIA TABOR		GARY BERCHTOLD
11_10_00	3-7-01	3-7-01		11_15_00
MGE	TIDWELL	TIDWELL		MGE
* 880+03 EIFEL XING				

IN BLACK 1.25" HDPE
GEA. TRACER WIRE
GLORIA TABOR
7-9-01

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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the 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.I.P. Galvanized Iron Pipe
- Edge of Pavement
- Edge of Gravel
- Face of Curb
- P.L. Prop 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
3	REVISED RUNNING LINE	MW	10/20

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

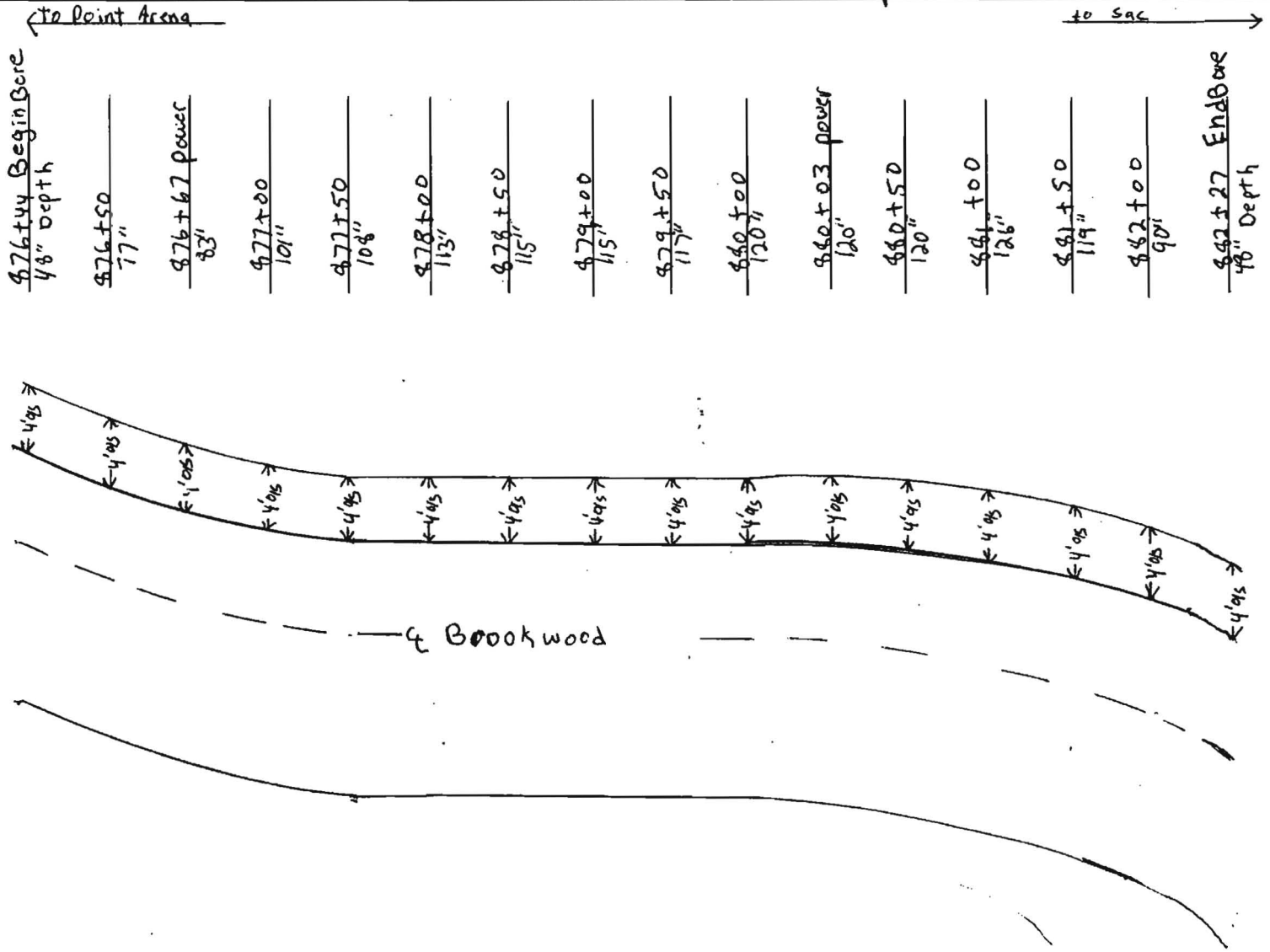
POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROT) :	1"=50'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-172-SPRD4

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

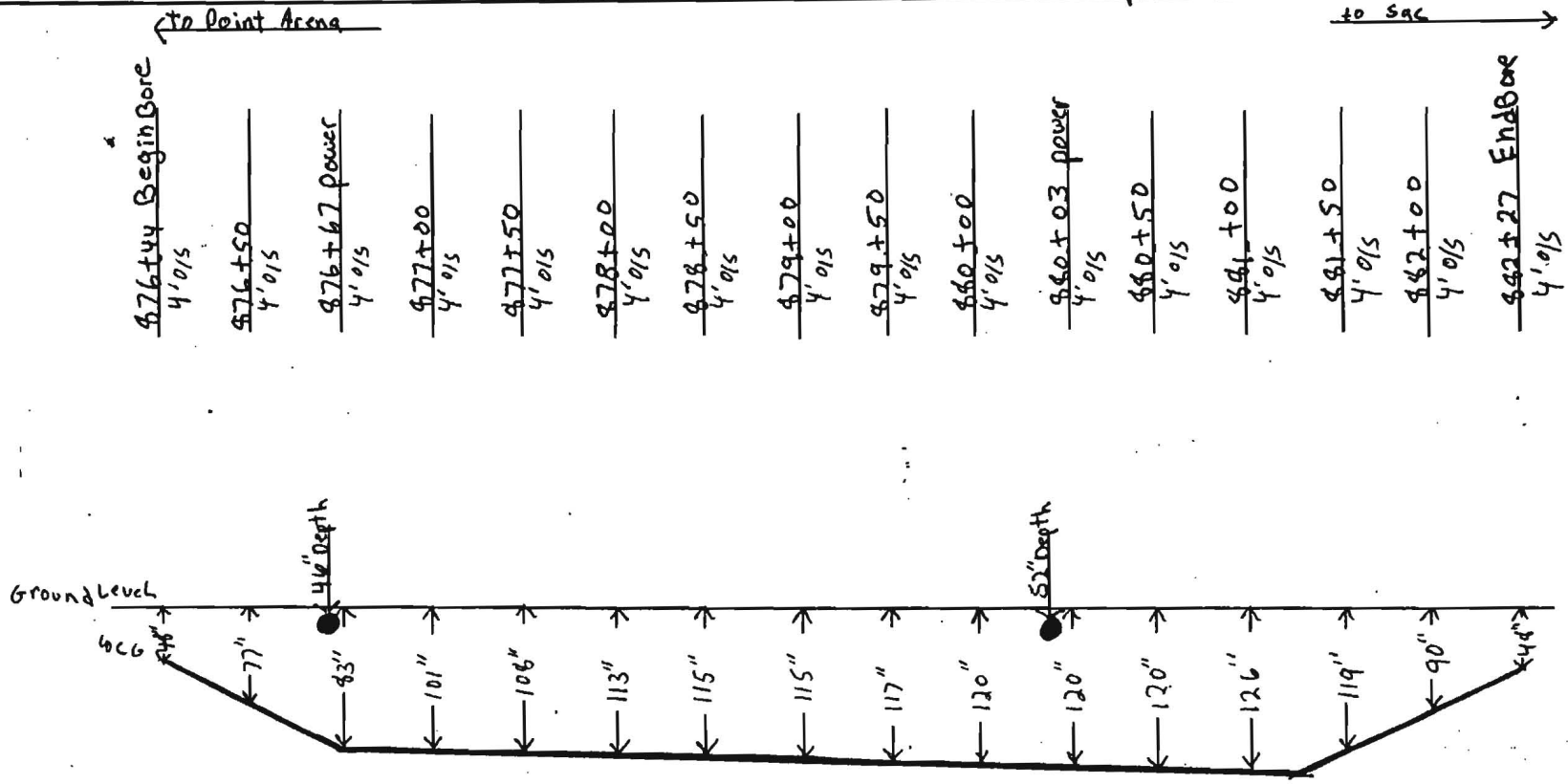
	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-10-00	99p154-11	171-172	4A



NOTES:	COUNTY:	CONTRACTOR:
OFFsets From East curb of Brookwood	Sonoma	M G E
	DUCT CONFIGURTION:	INSPECTOR:
	2 1.5 1 1.25	Berchtold

Williams – CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-10-00	99Q154-11	171-172	4A



NOTES: OFF Sets From East Curb of Brookwood

COUNTY: Sonoma

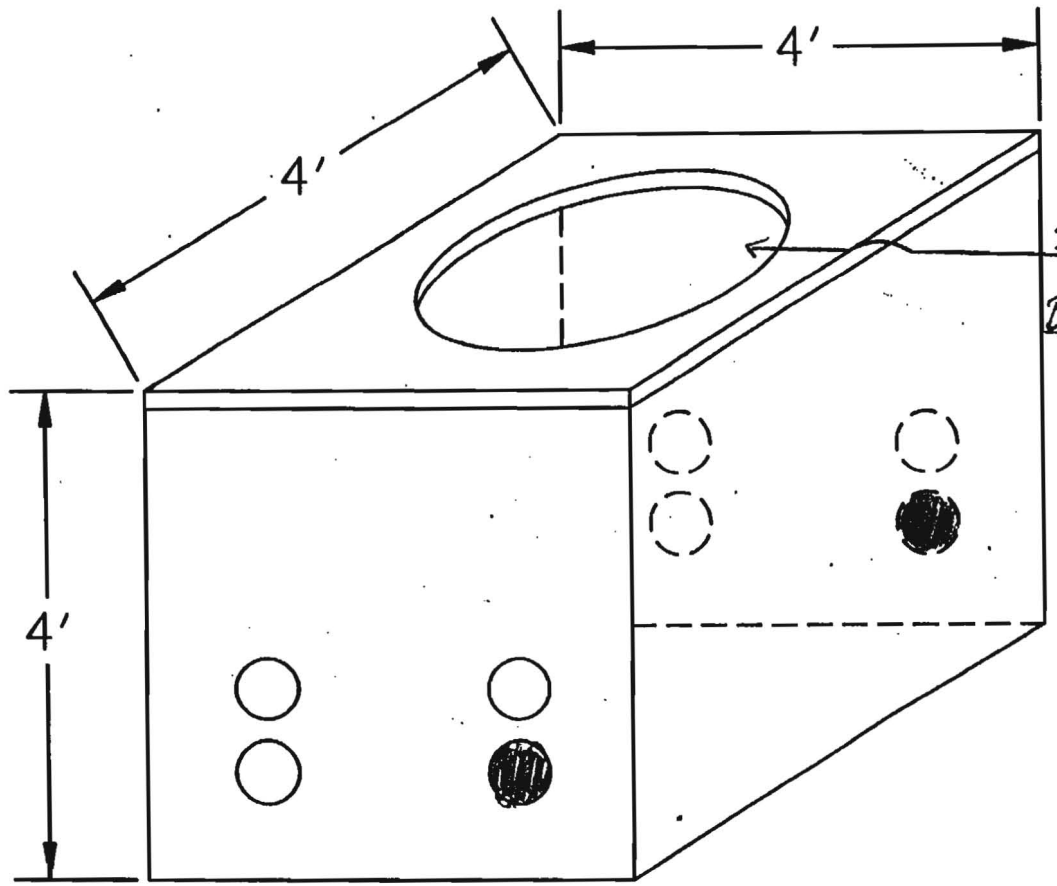
CONTRACTOR: M G E

DUCT CONFIGURTION: 2 1.5 1 1.25

INSPECTOR: Berchtold

WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
3-7-01	99P154.11	172	4A



Sta # 882+27 4'0's EOP

Brookwood & Santa Rosa Creek

NOTES: FIELD SIDE ENTRANCE

COUNTY: Sonoma

CONTRACTOR: TIDWELL

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

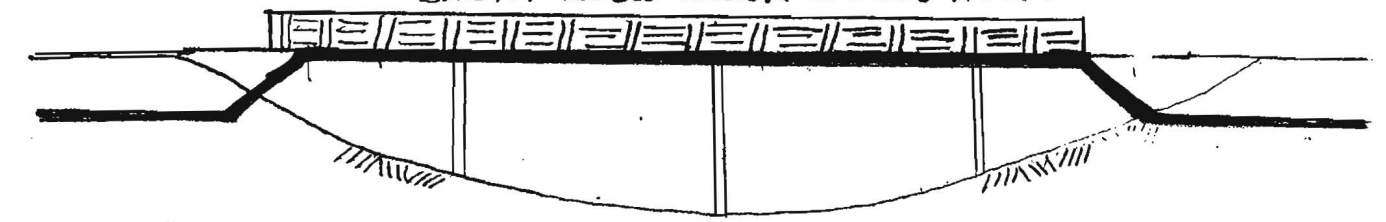
INSPECTOR: GLORIA TABOR

PAGE OF

W[illegible]MS CONSTRUCTION AS-BUILT DOCUMENTAT[illegible]	DATE: 3-7-01	PROJECT: P99154.11	DWG/ALIGNMENT SHEET# 172	SPREAD # 4A

POINT ARENA ← N → SACRAMENTO

SANTA ROSA CREEK BRIDGE ATTC.



STA # 882+47 42'9" ℄ BEG STEEL 48"

STA # 883+70 WC6

STA # 883+20 WC6

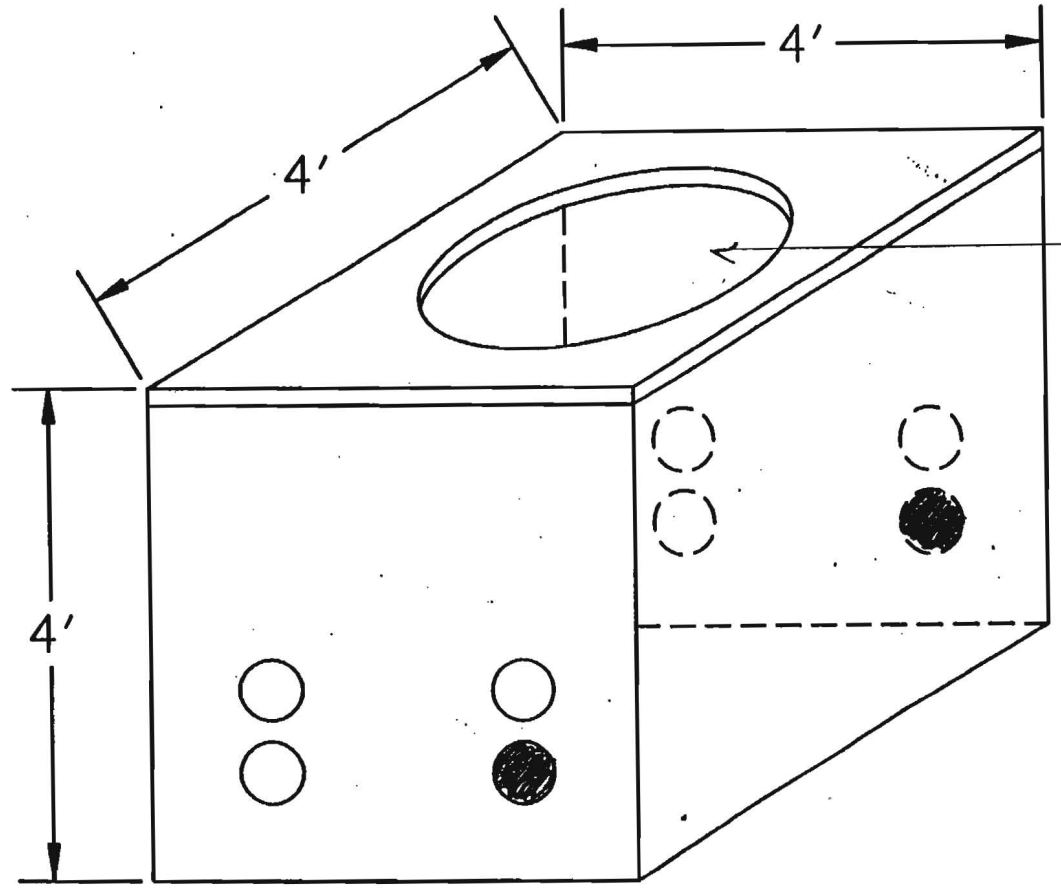
STA # 883+70 WC6

STA # 884+07 42'9" ℄ END STEEL 48"

NOTES:	COUNTY:	CONTRACTOR:
160' 6" STEEL CASING INSTALLED	Sonoma	TIDWELL
PAGE OF	DUCT CONFIGURATION: 6" STEEL CASING	INSPECTOR: GLORIA TABOR

WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	BVG/ALIGNMENT SHEET#	SPREAD #
3-7-01	99P154.11	172	4A



Sta~~:~~ 884+15 4'0's EOP

BROOKWOOD ~ Santa Rosa CREEK

NOTES: FIELD SIDE ENTRANCE

PAGE OF

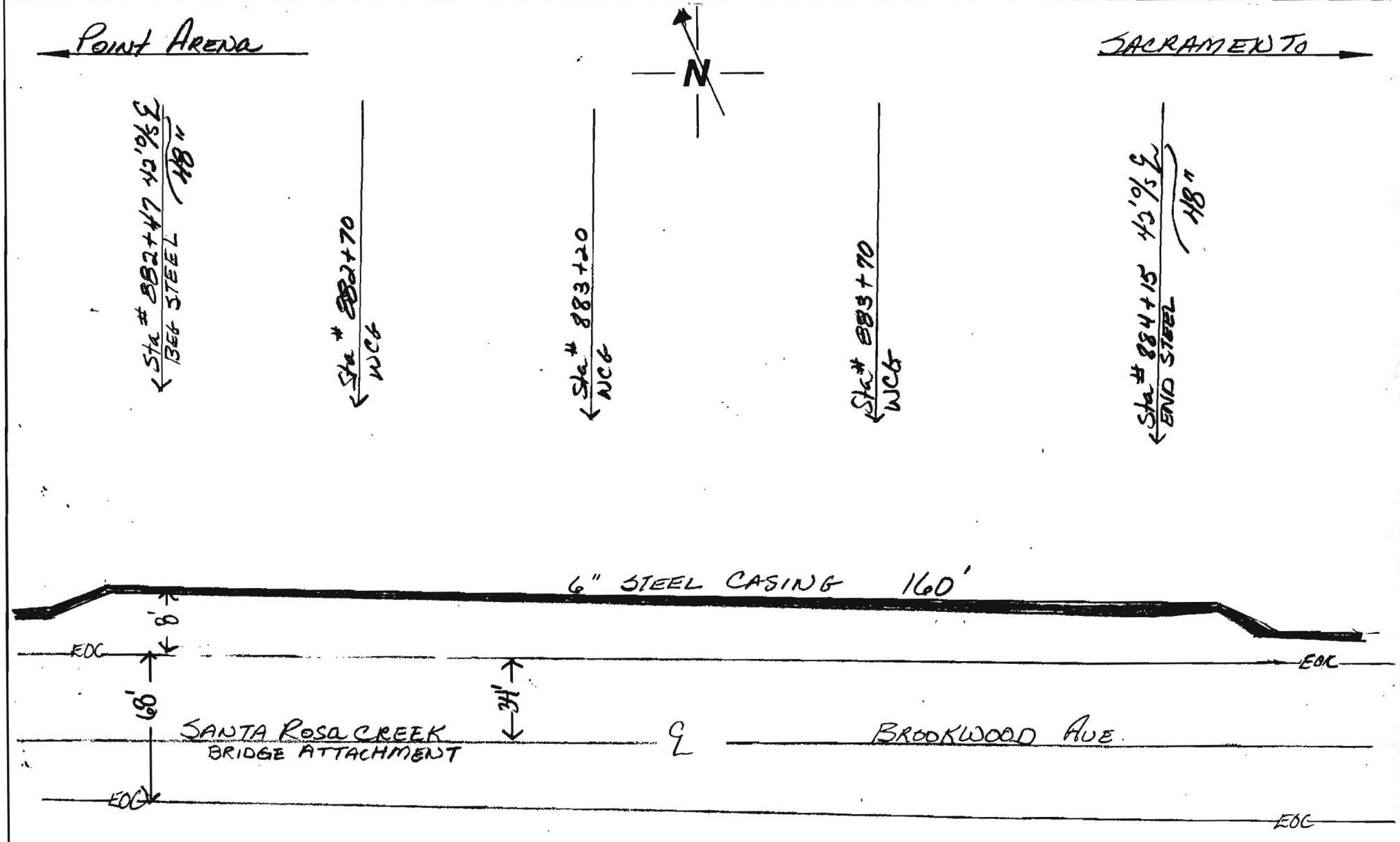
COUNTY: Sonoma

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

CONTRACTOR: TIDWELL

INSPECTOR: GLORIA TABOR

Williams CONSTRUCTION AS-BUILT DOCUMENTATION	DATE: 3-7-01	PROJECT: P99154.11	DWG/ALIGNMENT SHEET #: 172	SPREAD #: 4A

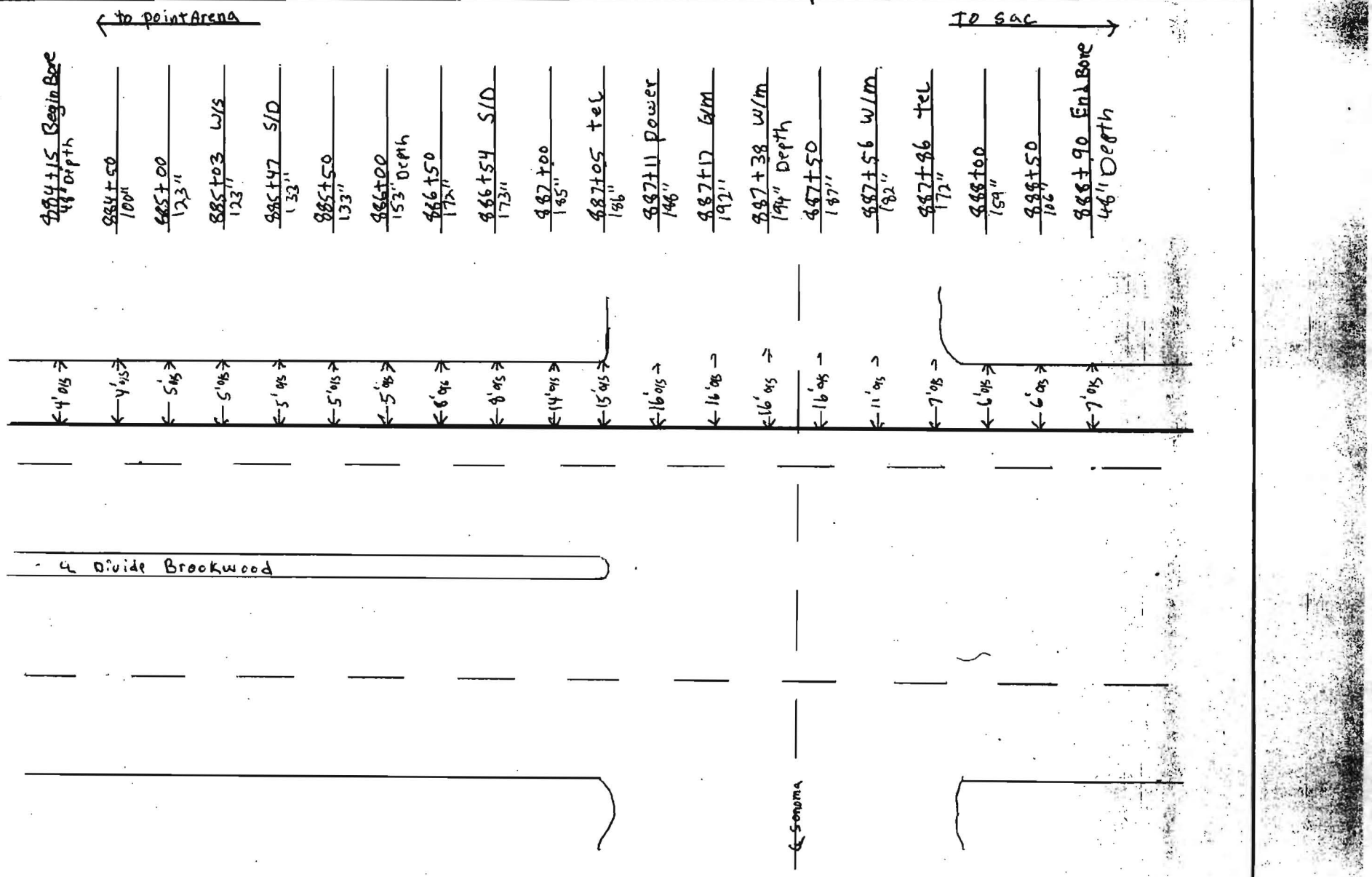


NOTES: 160' 6" STEEL CASING Installed SANTA ROSA CREEK BRIDGE ATTACHMENT.	COUNTY: Sonoma	CONTRACTOR: TIDWELL
PAGE OF	DUCT CONFIGURATION: 6" STEEL CONDUIT	INSPECTOR: GLORIA TABOR

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-15-00	99p154-11	172-173	4A



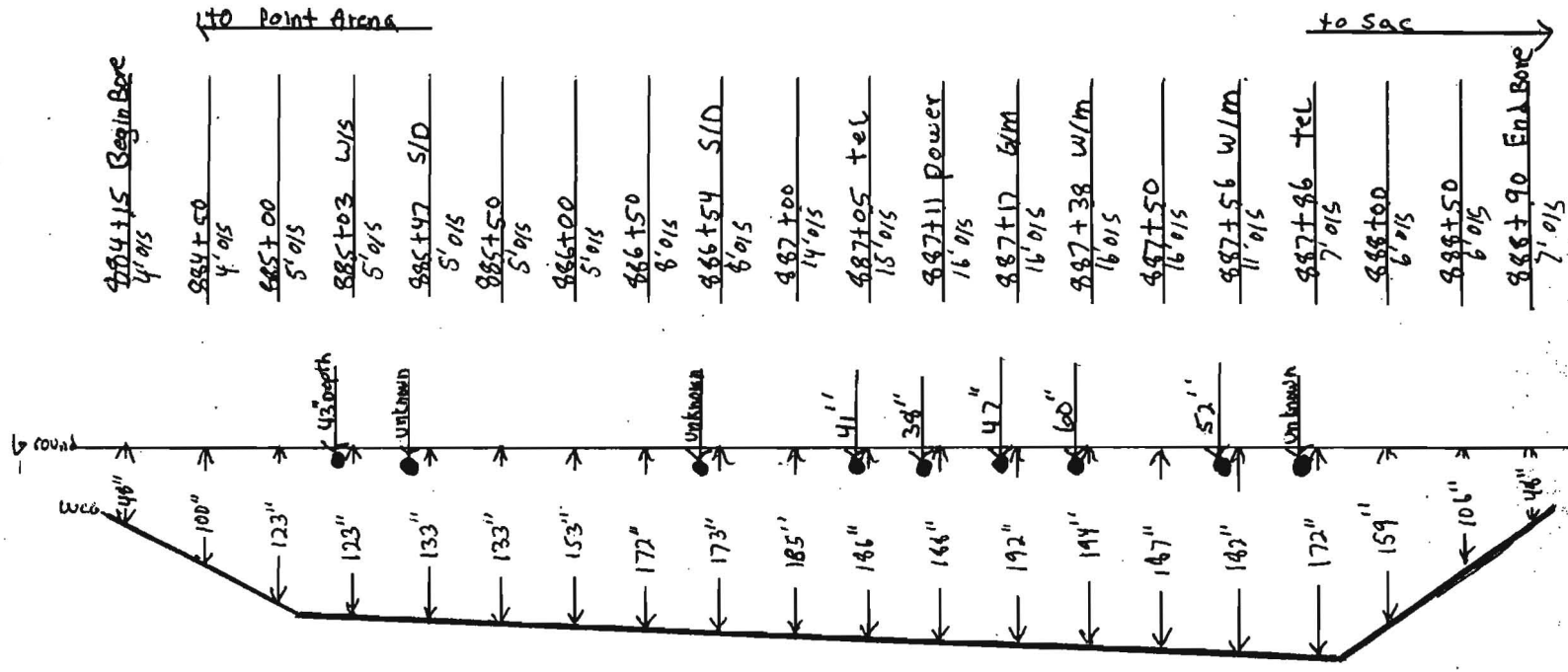
NOTES:
W/S = Water Service S/D = Storm Drain
W/M = Water Main G/S = Gas Main

COUNTY:	CONTRACTOR:
Sonoma	MGE
DUCT CONFIGURTION:	INSPECTOR:
2 1.5 1.1.25	Berchtold

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-15-00	99D154-11	172-173	4A



NOTES:
w/s = water service s/d = storm drain
w/m = water main g/s = gas main

COUNTY: Sonoma

DUCT CONFIGURTION: 2 1.5 1 1.25

CONTRACTOR: MGE

INSPECTOR: Berchtold

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

884+48 8' LT. UTILITY BOX
884+49 53' RT. WATER VALVE
884+50 10' LT. UTILITY BOX

884+89 CL DRIVEWAY

884+88 48' RT. WATER VALVE

884+98 70' RT. FIRE HYDRANT
884+99 10' LT. WATER VALVE
884+98 64' RT. UTILITY BOX
885+02 49' RT. WATER VALVE
885+06 48' RT. WATER VALVE
885+07 67' RT. WATER VALVE

885+34 55' RT. STORM MH
885+35 61' RT. CATCH BASIN

885+53 CL DRIVEWAY
885+56 19' RT. CATCH BASIN

886+60 STORM DRAIN

886+76 68' RT. LIGHT POLE
886+78 74' RT. UTILITY BOX
886+78 61' RT. UTILITY BOX
886+90 4' LT. CATCH BASIN
886+83 TV LINE
886+89 POWER LINE
886+96 69' RT. UTILITY BOX
887+02 29' LT. UTILITY BOX
887+02 35' LT. TEL. LINE
887+03 80' RT. UTILITY BOX
887+05 POWER LINE
887+09 76' RT. LIGHT POLE
887+14 84' RT. CATCH BASIN
887+41 WATER LINE
887+45 SEWER LINE
887+47 21' RT. SANITARY MH
887+50 54' LT. WATER VALVE
887+50 14' LT. WATER VALVE
887+51 WATER LINE
887+52 37' RT. WATER VALVE
887+52 55' RT. SANITARY MH
887+55 25' RT. WATER VALVE
887+55 30' RT. WATER VALVE
887+58 49' RT. WATER VALVE
887+65 53' LT. UTILITY BOX
887+71 25' LT. UTILITY BOX
887+71 29' LT. LIGHT POLE
887+72 POWER LINE
887+72 19' LT. WATER VALVE
887+73 24' RT. WATER VALVE
887+75 36' RT. WATER VALVE
887+77 TEL. LINE
887+78 23' RT. WATER VALVE
887+83 55' RT. CATCH BASIN
887+84 58' RT. UTILITY BOX
887+84 79' RT. WATER VALVE
887+84 63' RT. WATER VALVE
887+87 57' RT. UTILITY BOX
887+87 4' LT. UTILITY BOX
887+88 36' RT. UTILITY BOX
888+01 30' RT. UTILITY BOX
888+23 GAS LINE
888+23 6' LT. UTILITY BOX
888+83 37' RT. UTILITY BOX
888+83 39' RT. UTILITY BOX
889+03 GAS LINE
889+08 4' LT. UTILITY BOX

9881190 MMANOZ
GLORIA TABOR 2-5-01

889+44 CL DRIVEWAY

889+58 4' LT. WATER VALVE
889+60 4' LT. WATER VALVE
889+64 14' RT. SANITARY MH

889+76 34' RT. WATER VALVE

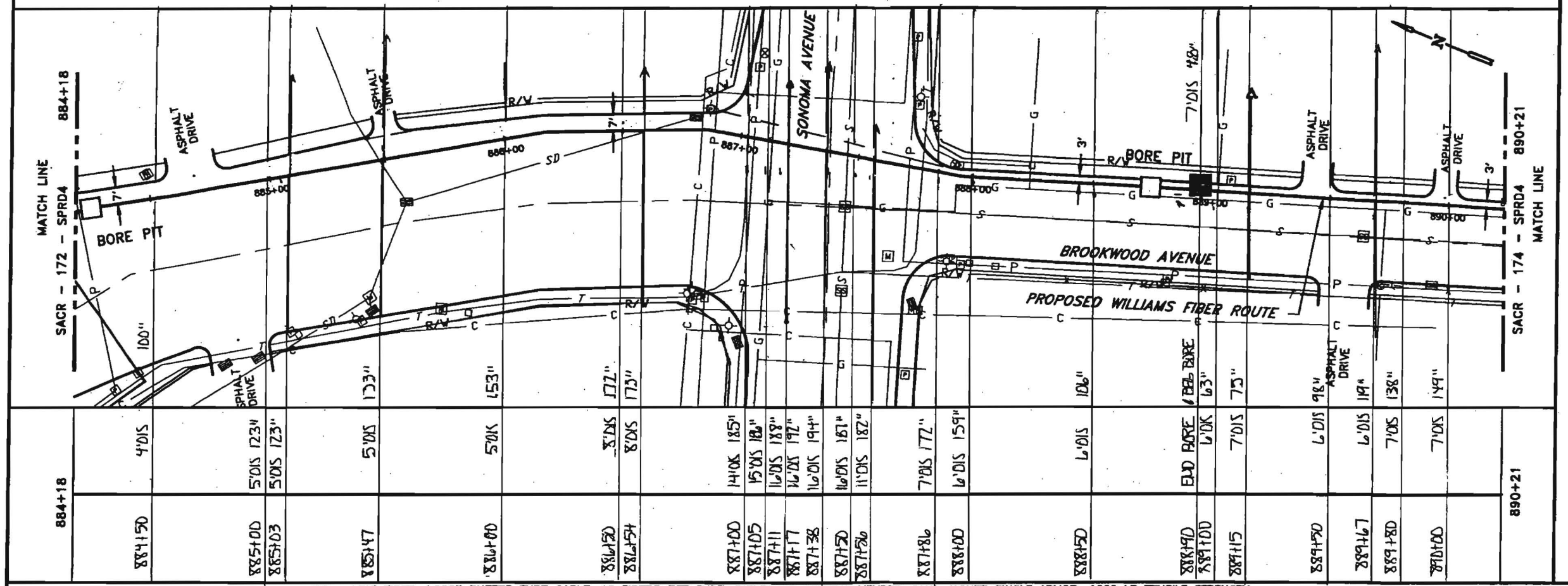
889+84 33' RT. CATCH BASIN
889+98 CL DRIVEWAY
890+02 34' RT. POWER POLE

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

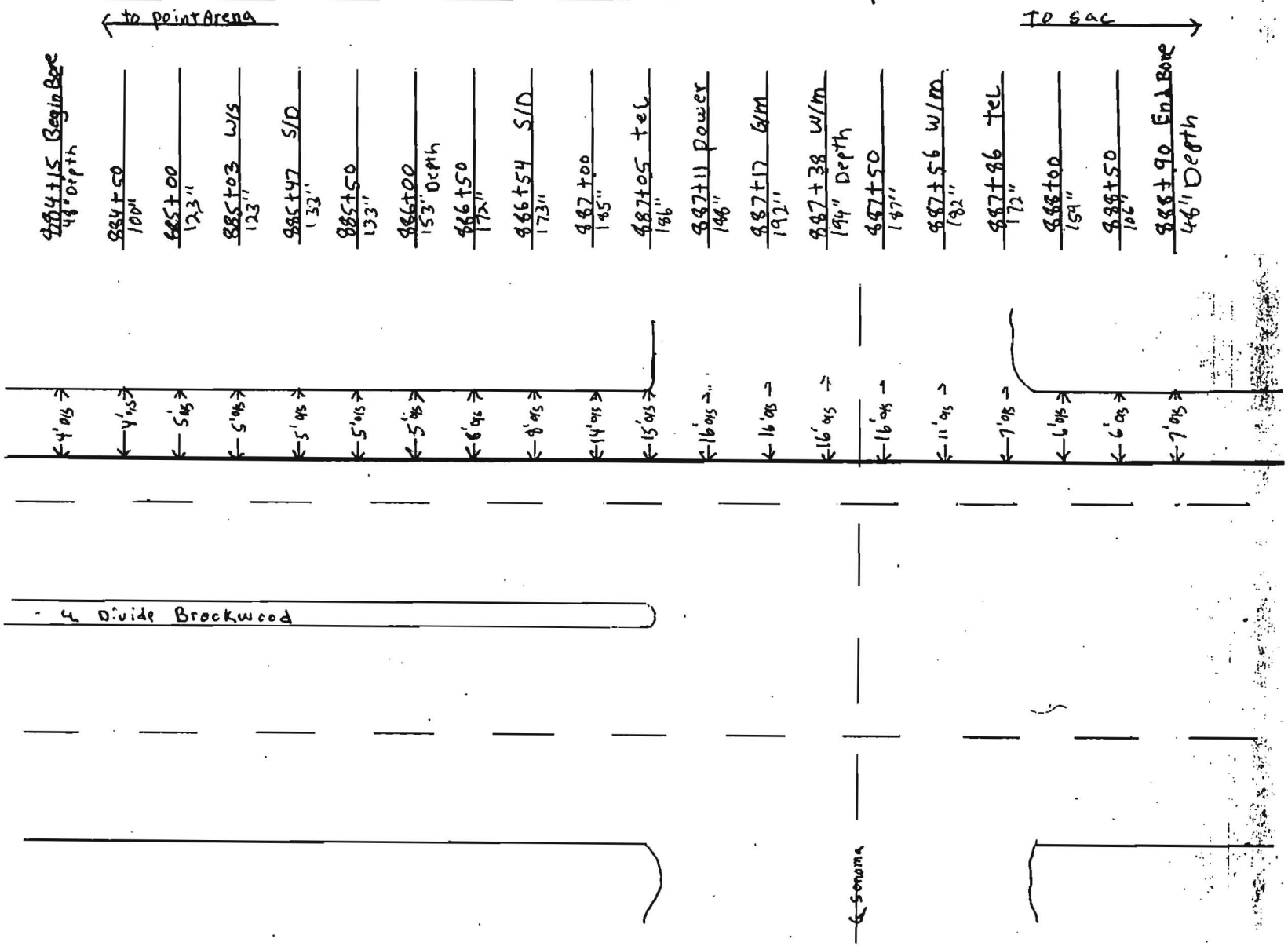


| 884+18 | | |

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-15-00	990154-11	172-173	44



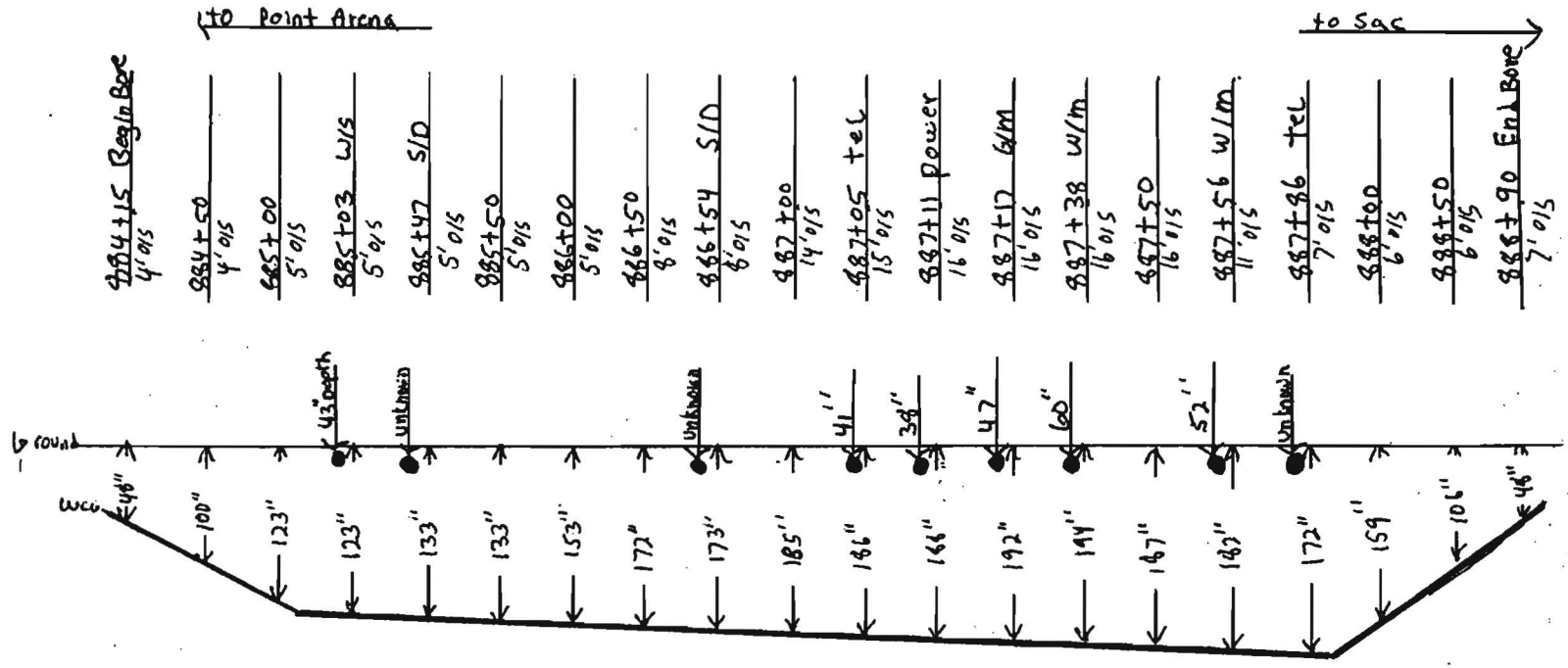
NOTES:
w/s = water service S/D = Storm Drain
w/m = water main G/S = Gas main

COUNTY:	CONTRACTOR:
Sonoma	MGF
DUCT CONFIGURTION:	INSPECTOR:
2 1.5 1.1.25	Berchtold

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-15-00	99p154-11	172 - 173	4A



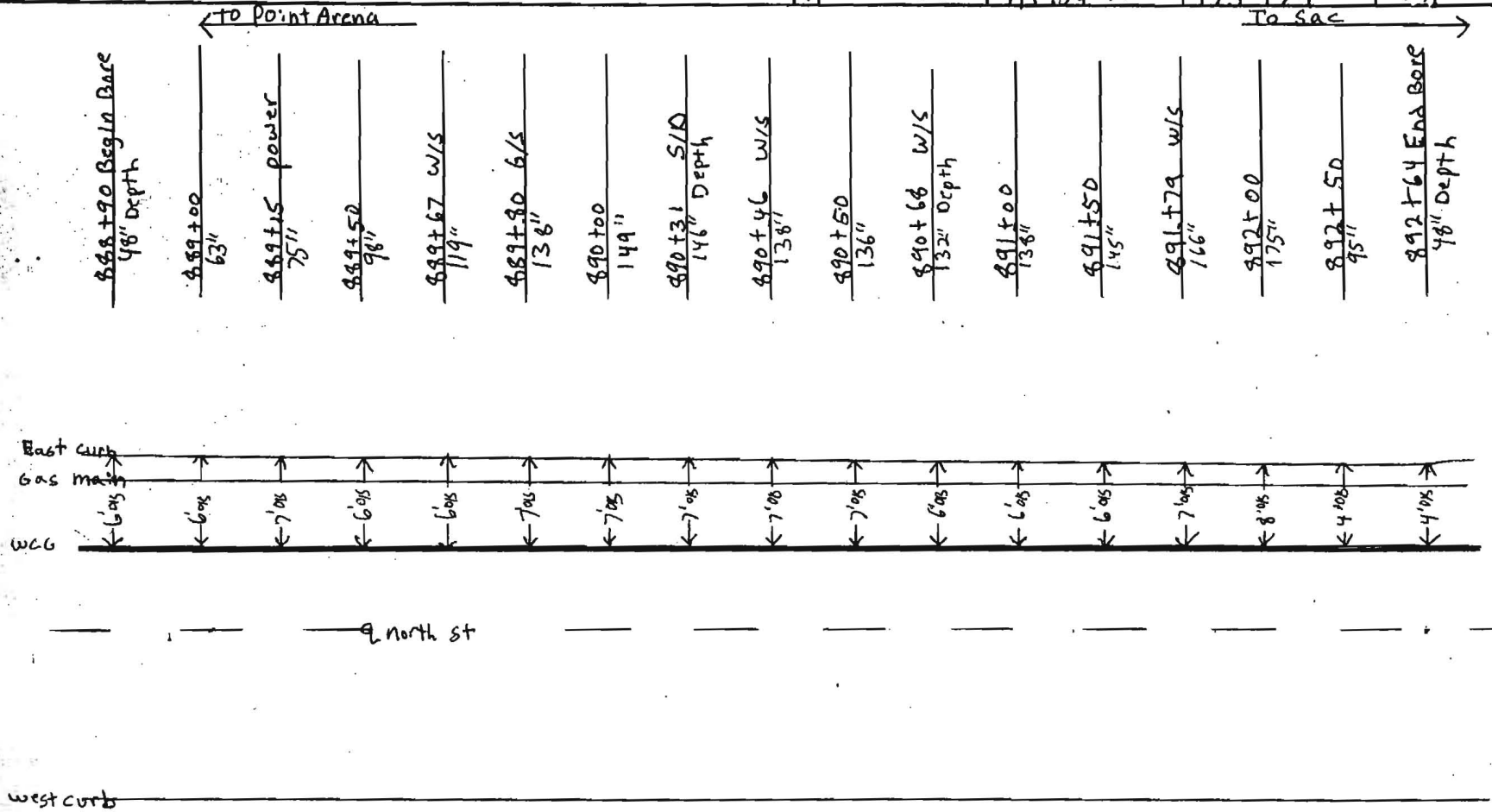
NOTES:
w/s = water service s/d = storm drain
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COUNTY:	CONTRACTOR:
Sonoma	MGE
DUCT CONFIGURTION:	INSPECTOR:
2 1.5 1 1.25	Berchtold

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-17-00	99P154-11	173-174	4A



NOTES: W/S = Water Service G/S = Gas Service
S/D = Storm Drain

COUNTY: Sonoma

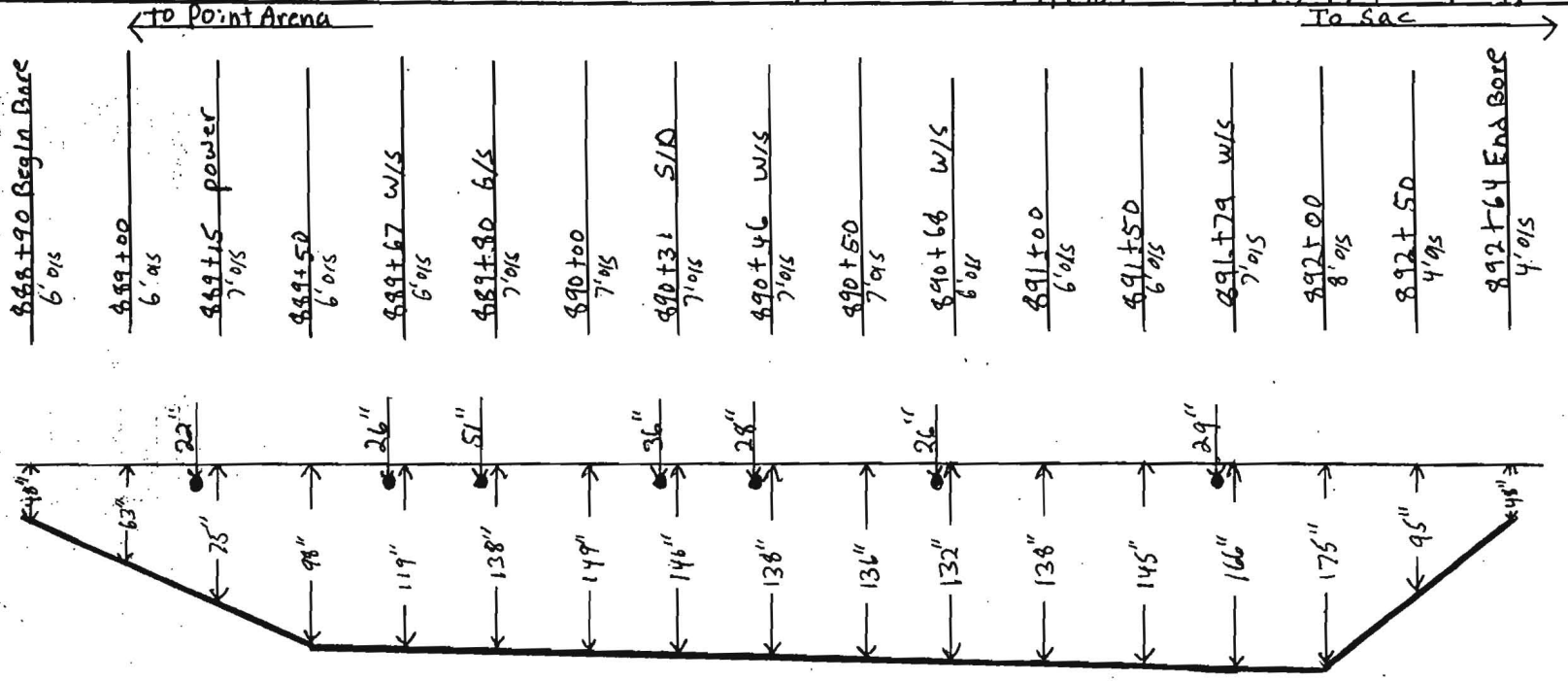
CONTRACTOR: MGE

DUCT CONFIGURTION:

INSPECTOR:

Williams **CONSTRUCTION AS-BUILT DOCUMENTATION**

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11- -00	99P154-11	173-174	4A



NOTES:	COUNTY:	CONTRACTOR:
w/s = water Service G/S = Gas service S/D = storm Drain	Sonoma	MGE
	DUCT CONFIGURTION:	INSPECTOR:

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

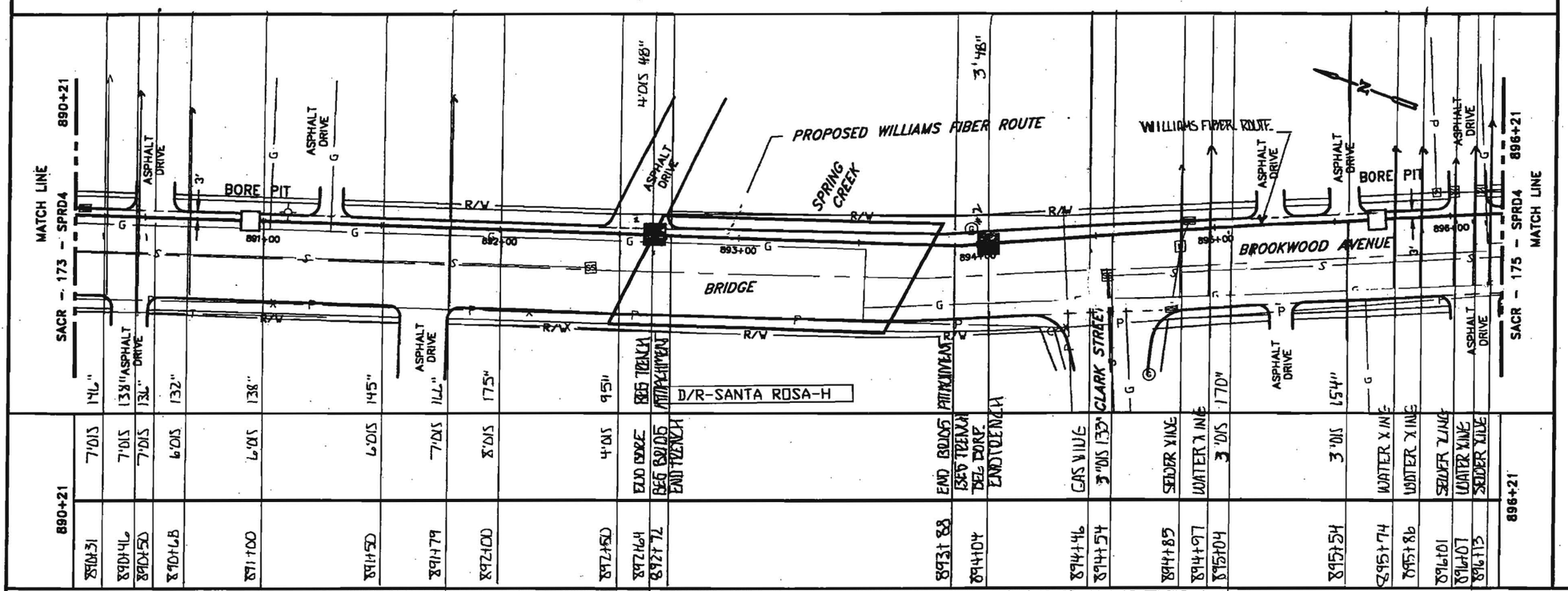
890+24 2' LT. CATCH BASIN
890+37 3' LT. WATER VALVE
890+53 CL DRIVEWAY
890+60 4' LT. WATER VALVE
891+03 GAS LINE
891+05 34' RT. POWER POLE
891+10 4' LT. LIGHT POLE
891+28 CL DRIVEWAY
891+28 GAS LINE
891+69 5' LT. WATER VALVE
891+71 19' RT. WATER VALVE
892+38 14' RT. SANITARY MH
892+55 CL DRIVEWAY
892+64 MANHOLE #1 ELORIA TABOR 3-30-01
893+98 6' LT. GAS VALVE
894+04 MANHOLE #2 ELORIA TABOR 3-30-01
894+22 STORM DRAIN
894+30 6' RT. WATER VALVE
894+35 37' RT. POWER POLE
894+35 48' RT. FIRE HYDRANT
894+35 54' RT. WATER VALVE
894+37 11' LT. TEL. POLE
894+42 48' RT. WATER VALVE
894+48 39' RT. WATER VALVE
894+53 17' RT. SANITARY MH
894+79 32' RT. CATCH BASIN
894+85 6' RT. STORM MH
894+89 3' LT. CATCH BASIN
894+98 5' LT. WATER VALVE
895+23 CL DRIVEWAY
895+54 CL DRIVEWAY
895+63 34' RT. WATER VALVE
895+74 4' LT. WATER VALVE
895+87 11' RT. WATER VALVE
895+94 9' LT. UTILITY BOX
896+02 10' LT. SANITARY MH
896+07 CL DRIVEWAY
896+07 4' LT. WATER VALVE
896+12 9' LT. SANITARY MH
896+14 GAS LINE

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
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)

890+21	892+64	892+72	893+88	894+04	
892+64	892+72	893+88	894+04	896+21	
243'	8'	116'	16'	217'	
2.11 2-1.5" HDPE 1-1.25" HDPE GARY BERGHTOLD 11.17.00 MGE *890+31 SEWER *890+46 WATER *890+68 WATER *891+79 WATER	TRENCH 2-1.5" HDPE 1-1.25" HDPE GLORIA TABOR 3-30-01 TIDWELL	BRIDGE ATTACHMENT 2-1.5" HDPE 1-1.25" HDPE GLORIA TABOR 3-30-01 TIDWELL	TRENCH 2-1.5" HDPE 1-1.25" HDPE GLORIA TABOR 3-30-01 TIDWELL	2.11 2-1.5" HDPE 1-1.25" HDPE GLORIA TABOR 11.18.00 MGE *894+46 GAS XING *894+85 SEWER XING *894+97 WATER XING *895+74 WATER XING *895+86 WATER XING *896+01 SEWER XING *896+07 WATER XING *896+13 SEWER XING	

IN BLACK 1.25" HDPE
6GA TRACER WIRE
GLORIA TABOR
7-9-01

Notes:

1. Coble 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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- MR 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 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
- Fiber Marker
- Water Inlet

WILLIAMS
EMERGENCY NOTIFICATION NUMBER
1-800-562-9069

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
3	REVISED RUNNING LINE	MW	10/20

CABLE DESCRIPTION
CABLE FIBER COUNT MFR. TYPE OF GLASS
CABLE REEL NO.
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH

PIPE & INNERDUCT PLACEMENT
INNERDUCT & TYPE (COIL/SMOOTH/COLOR)
STEEL PIPE SIZE
PVC

FUTURE UNIT PLACE
FUTURE-2
FUTURE-3
FUTURE-4

COMMUNICATIONS GROUP
Network Services

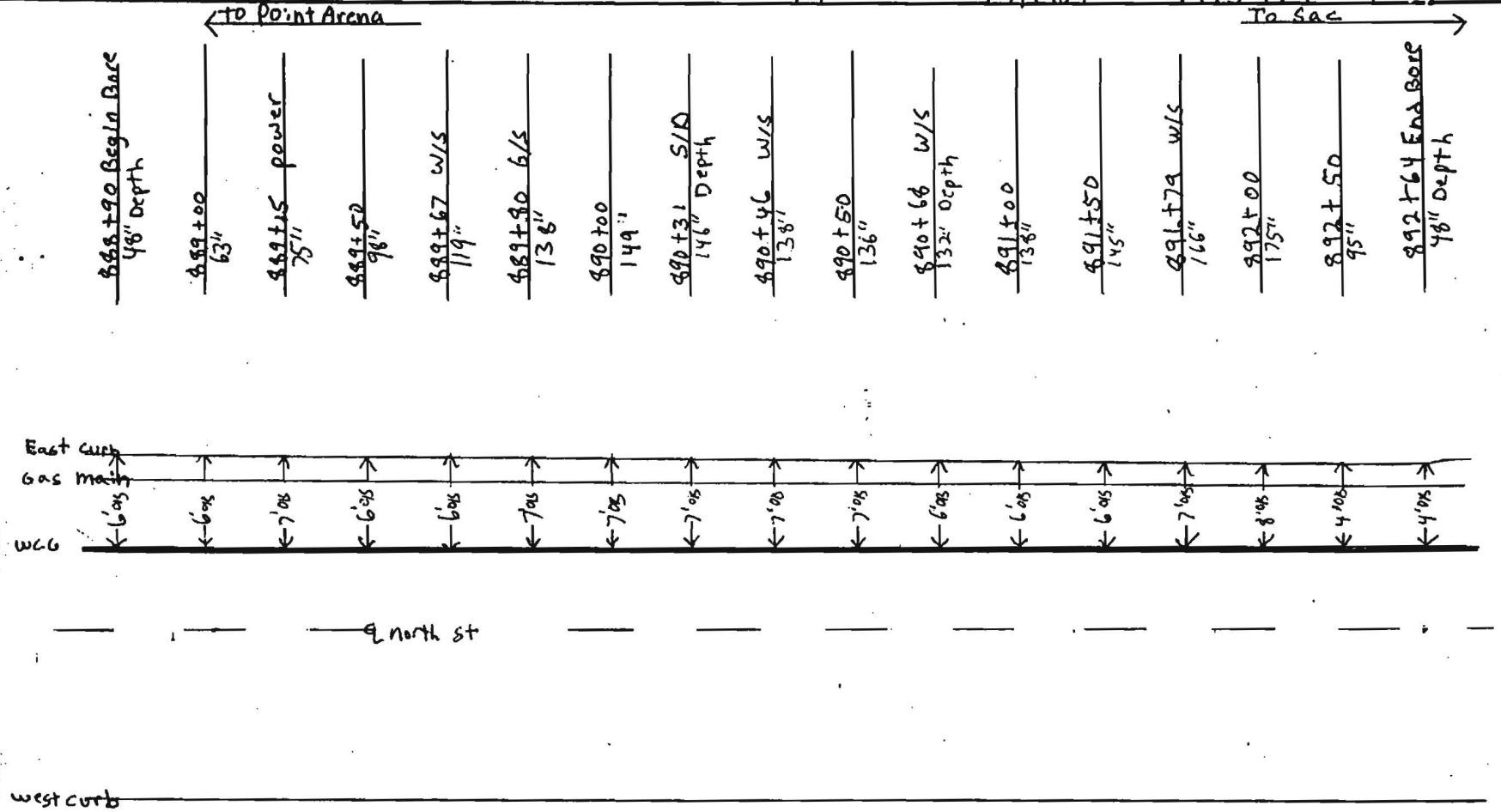
POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=50'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-174-SPRD4

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-17-00	99P154-11	173-174	4A



NOTES: W/S = water service G/S = Gas service
S/D = storm Drain

COUNTY: Sonoma

DUCT CONFIGURTION:

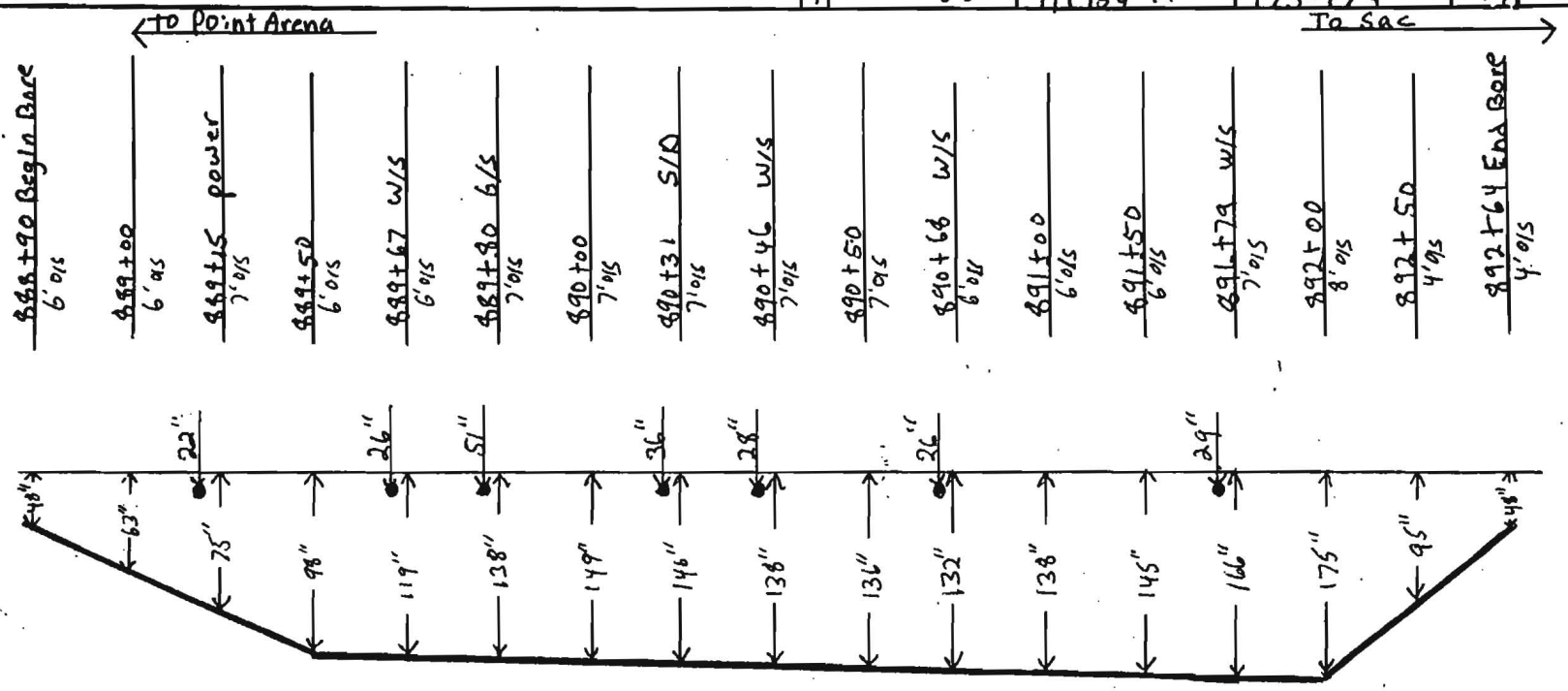
CONTRACTOR: MGE

INSPECTOR:

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11- -00	99P154-11	173-174	4A



NOTES: w/s = water service G/S = Gas service
S/D = storm Drain

COUNTY: Sonoma

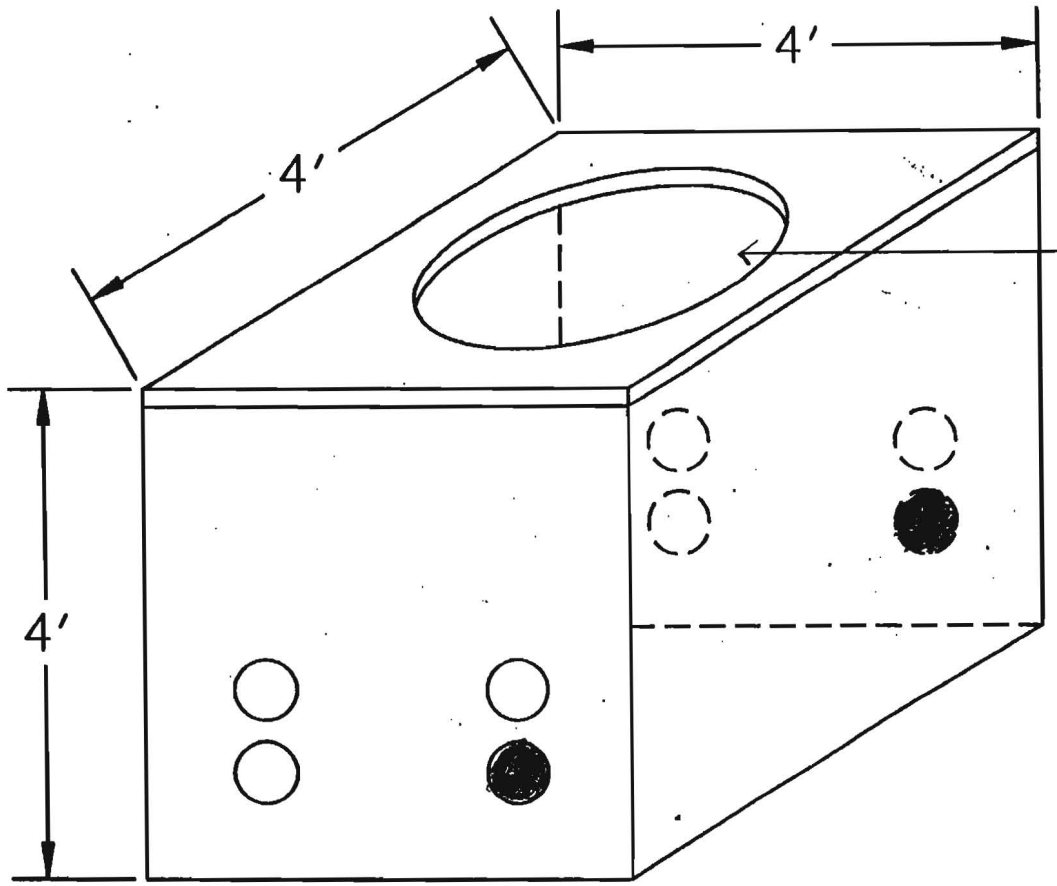
DUCT CONFIGURTION:

CONTRACTOR: MGE

INSPECTOR:

WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
3-5-01	P99154.11	173	4A



STA # 888+90

Sonoma & Brookwood

NOTES: ENTRANCE FIELD SIDE

PAGE OF

COUNTY: Sonoma

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

CONTRACTOR: M.G.E.

INSPECTOR: GLORIA TABOR

Williams **CONSTRUCTION AS-BUILT DOCUMENTAT**

DATE:	PROJECT:	DWG/ALIGNMENT SHEET #	SPREAD #
3-30-01	99P154.11	174	4A

POINT ARENA

SACRAMENTO

N

Sta # 892+44 4' ℄ EOC
WC6 TBOX

Sta # 892+72
BEG STEEL 6"

Sta # 893+88
END STEEL 6"

Sta # 894+04 3' ℄ EOC
WC6 BOX

127'

SPRING CREEK BRIDGE ATTACHMENT

4'

EOC

3'

EOC

℄ BROOKWOOD AVE.

34'

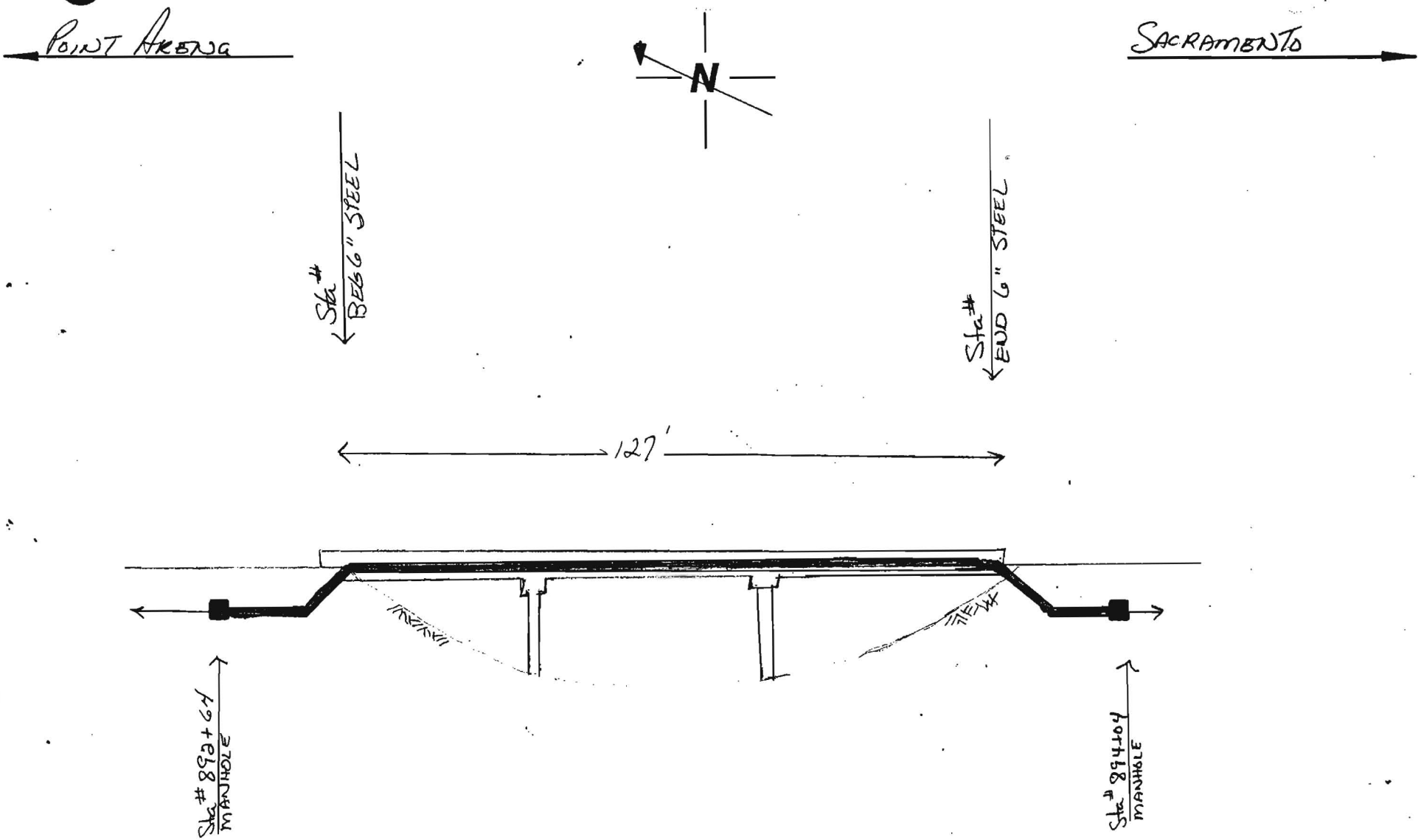
17'

EOC

EOC

NOTES:	COUNTY:	CONTRACTOR:
BRIDGE ATTACHMENT SPRING CREEK SANTA ROSA ON BROOKWOOD 6" STEEL CASING	SONOMA	TIDWELL
127' BRIDGE ATTACHMENT Steel	DUCT CONFIGURATION:	INSPECTOR:
PAGE OF	6" STEEL CASING	GLORIA TABOR

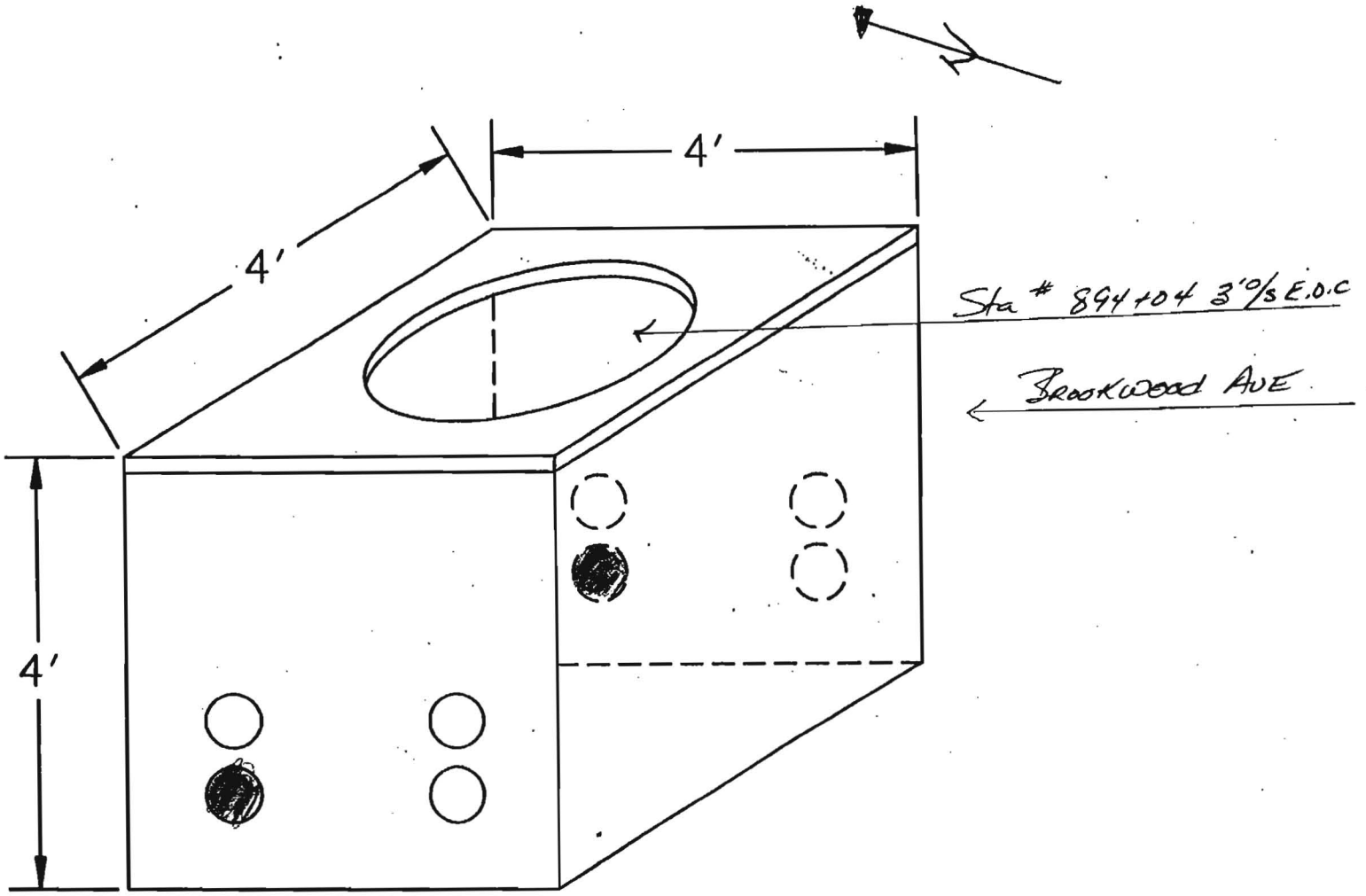
W ems CONSTRUCTION AS-BUILT DOCUMENTAT	DATE: 3-30-01	PROJECT: 99P154.11	DWG/ALIGNMENT SHEET# 174	SPREAD # 4A



NOTES: SPRING CREEK BRIDGE ATTACHMENT ON BROOKWOOD AVE. IN SANTA ROSA 6" GIP. CASING 127' PAGE OF	COUNTY: Sonoma	CONTRACTOR: TIDWELL
	DUCT CONFIGURATION: 6" STEEL CASING	INSPECTOR: GLORIA TABOR

WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
3-30-01	99P54.11	174	4A



NOTES: Box at String Creek
Santa Rose

PAGE OF

COUNTY: Sonoma

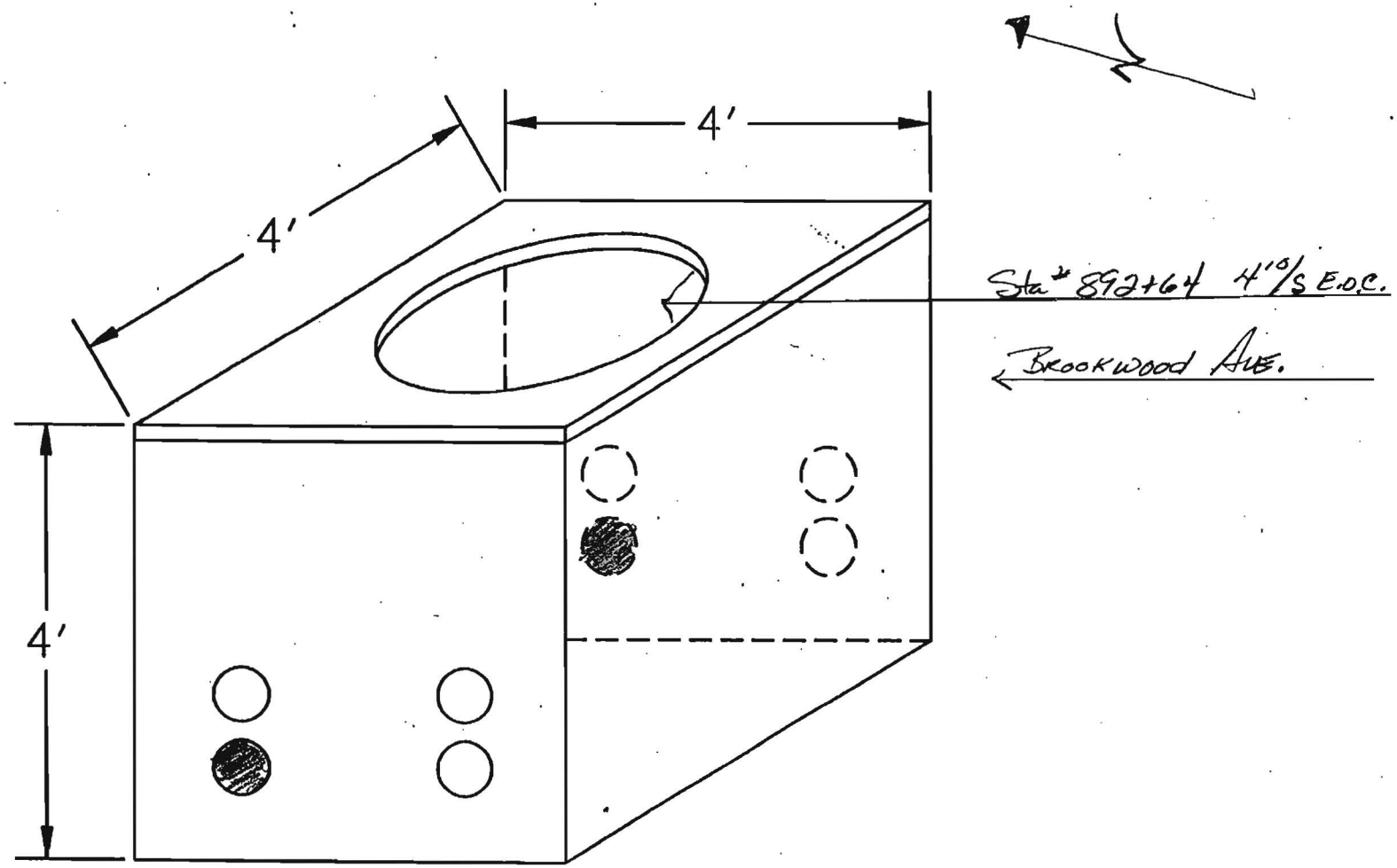
DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

CONTRACTOR: Tidwell

INSPECTOR: Gloria Tabor

WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
3-3001	99P154.11	174	4A

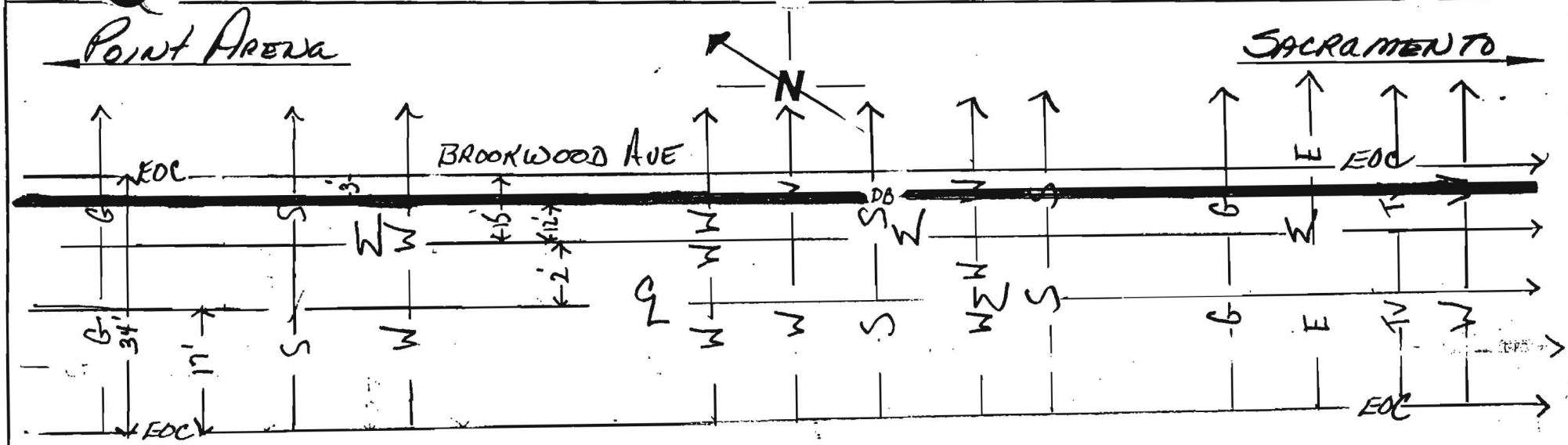


NOTES: BOXES AT SPRINGCREEK SANTA ROSA FIELD SIDE ENTERANCE

PAGE OF

COUNTY:	CONTRACTOR:
Sonoma	TIDWELL
DUCT CONFIGURATION:	INSPECTOR:
(2) 1½ (1) 1¼ H.D.P.E	GLORIA TABOR

W[illegible]MS CONSTRUCTION AS-BUILT DOCUMENTATI[illegible] | DATE: 11-18-80 | PROJECT: 99P154.11 | DWG/ALIGNMENT SHEET#: SACR 174-17[illegible] | READ #: 4A



Sta # 894+04 3'0/S
BEG BORE 48"

Sta # 894+46 (126")
GAS X-ING 3" (36")

Sta # 894+54 3'0/S
WCG (133")

Sta # 894+85 (170")
SEWER X-ING (88")

Sta # 894+97 (170")
WTR X-ING (33" 1")

Sta # 895+04 3'0/S
WCG (170")

Sta # 895+54 3'0/S
WCG (154")

Sta # 895+74 (144")
WTR X-ING (33")

Sta # 895+86 (150")
HYDRANT 4" (36")

Sta # 896+01 (142")
SEWER X-ING (36")

Sta # 896+07 (130")
WTR X-ING 1" (33")

Sta # 896+43 (130")
SEWER X-ING (36")

Sta # 896+21
MATCH LINE

Sta # 897+27 (122")
GAS X-ING (24")

Sta # 897+27 (122")
ELEC X-ING 48"

Sta # 897+27 (122")
TELEPHONE X-ING

Sta # 897+44 (122")
WTR X-ING 1" (33")

Sta # 897+70 3'0/S
END BORE 48"

NOTES:
522' BORE

COUNTY:
SONOMA

CONTRACTOR:
MGE

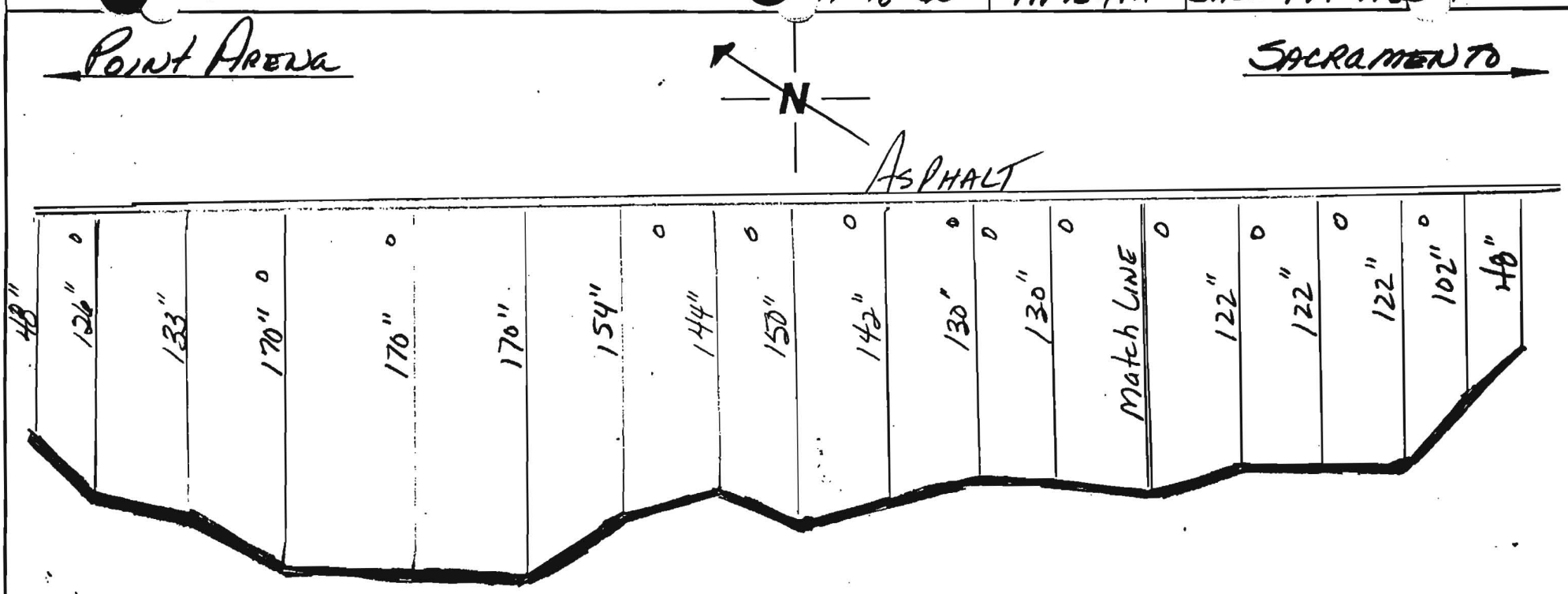
DUCT CONFIGURATION:
(2) 1½ (1) 1¼ H.D.P.E

INSPECTOR:
GLORIA TABOR.

PAGE OF

W[illegible]MS CONSTRUCTION AS-BUILT DOCUMENTAT[illegible]

DATE: 11-18-80 | PROJECT: 99P154.11 | DWG/ALIGNMENT SHEET #: SACR 174-175 | SPREAD #: 4A



NOTES:
572' BORE

COUNTY:
SONOMA

CONTRACTOR:
MGE

DUCT CONFIGURATION:
2) 1½ (1) 1¼ H.D.P.E

INSPECTOR:
GLORIA TAYLOR.

PAGE OF

OWNERSHIP: COUNTY OF SONOMA

FIBER STATIONING

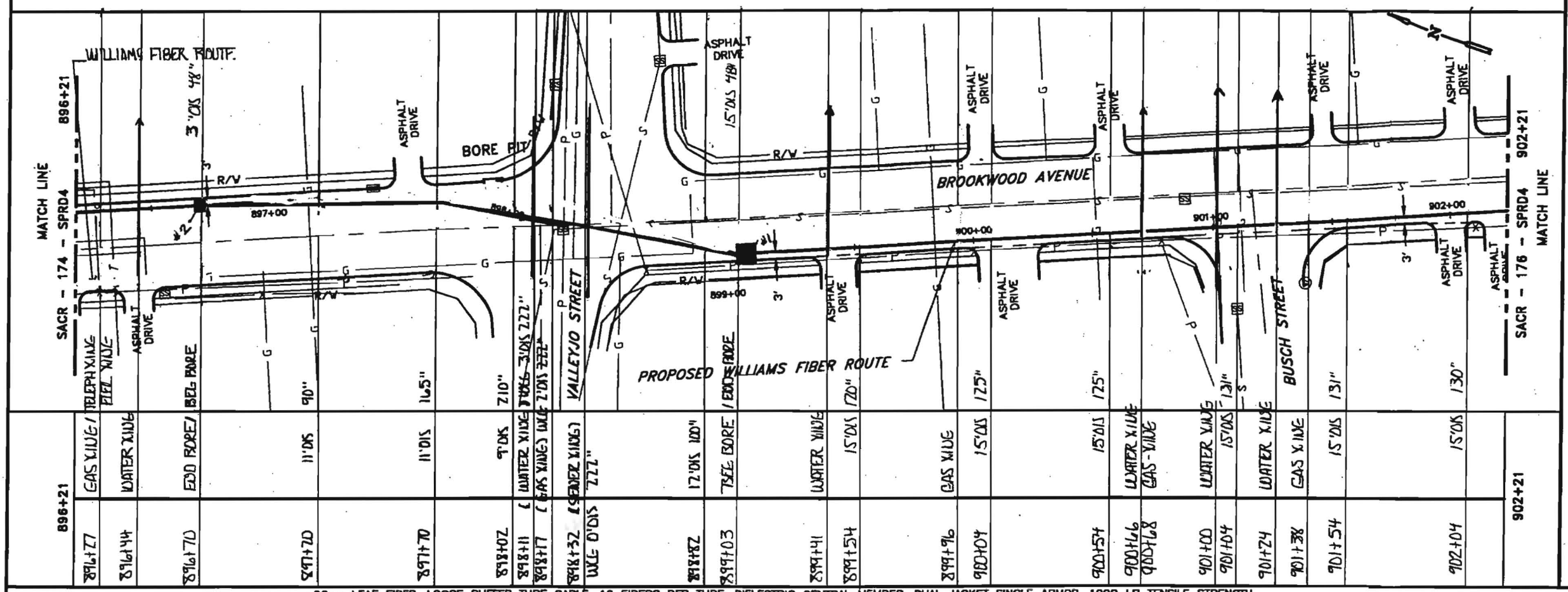
896+15 GAS LINE	
896+27	POWER LINE
896+27	33' RT. POWER POLE
896+34	TEL. LINE
896+42	4' LT. WATER VALVE
896+54	35' RT. SANITARY MH
896+55	34' RT. WATER VALVE
	STUB TO WILLIAMS MANHOLE
	GLORIA TABOR 1.18.01
897+16	GAS LINE
897+43	2' LT. CATCH BASIN
897+58	CL DRIVEWAY
897+77	13' RT. WATER VALVE
898+07	58' RT. FIRE HYDRANT
898+13	57' RT. WATER VALVE
898+19	35' RT. WATER VALVE
898+25	POWER LINE
898+29	GAS LINE
898+45	17' LT. WATER VALVE
898+47	68' LT. SANITARY MH
898+55	POWER LINE
898+56	SEWER LINE
898+73	10' LT. WATER VALVE
898+78	7' LT. GAS LINE
	STUB TO WILLIAMS MANHOLE
	GLORIA TABOR 1.18.01
899+36	6' RT. WATER VALVE
899+42	CL DRIVEWAY
899+84	GAS LINE
899+99	4' RT. POWER POLE
900+10	8' RT. WATER VALVE
900+14	CL DRIVEWAY
900+51	GAS LINE
900+56	4' RT. GUY
900+63	8' RT. WATER VALVE
900+75	33' LT. WATER VALVE
900+77	4' RT. POWER POLE
900+89	12' LT. SANITARY MH
900+93	19' LT. WATER VALVE
900+99	28' RT. FIRE HYDRANT
901+01	GAS LINE
901+03	26' RT. WATER VALVE
901+08	34' RT. SANITARY MH
901+12	GAS LINE
901+17	CL BUSCH ST.
901+21	10' RT. WATER VALVE
901+32	33' LT. GAS VALVE
901+37	24' RT. GAS VALVE
901+91	33' LT. WATER VALVE
901+99	CL DRIVEWAY
902+09	5' RT. POWER POLE
902+18	CL DRIVEWAY

#2 ROAD STATIONING #1

← POINT ARENA

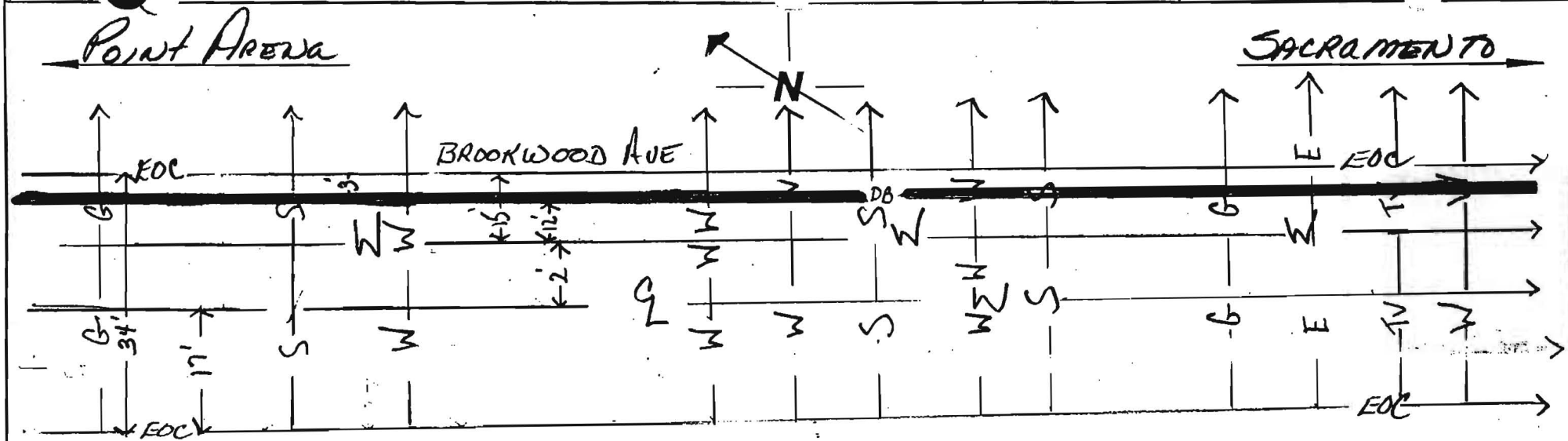
CITY OF SANTA ROSA
SONOMA COUNTY
CALIFORNIA

SACRAMENTO →


MATCH LINE
SACR - 174 - SPRD4
896+21
WILLIAMS FIBER ROUTE
3' OHS 48"
ASPHALT DRIVE
BORE PIT
R/W
897+00
898+00
899+00
900+00
901+00
902+00
15' OHS 48"
BROOKWOOD AVENUE
VALLEJO STREET
BUSCH STREET
PROPOSED WILLIAMS FIBER ROUTE
SACR - 176 - SPRD4
MATCH LINE
TELEPHONE/FIBER
GAS X'WISE/WATER X'WISE
EDD BORE
90"
11' OHS
11' OHS
9' OHS
7'10"
11' OHS
11' OHS
15' OHS
12' OHS
15' OHS
15' OHS
15' OHS
15' OHS
15' OHS
15' OHS
15' OHS
13'1"
13'1"
13'1"
13'0"
15' OHS
15' OHS
15' OHS
15' OHS
15' OHS
15' OHS
15' OHS

W[illegible]MS CONSTRUCTION AS-BUILT DOCUMENTATI[illegible]

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	READ #
11-18-00	99P154.11	SACR 174-178	4A



Sta# 894+04 3'0/S
Bore Bore 48"

Sta# 894+46 136"
GAS X-ING 3" 36"

Sta# 894+54 3'0/S
WCG 133"

Sta# 894+85 126"
SEWER X-ING 88"

Sta# 894+57 170"
WTR X-ING 33" 1"

Sta# 895+04 3'0/S
WCG 170"

Sta# 895+54 3'0/S
WCG 154"

Sta# 895+74 144"
WTR X-ING 33"

Sta# 895+86 150"
HYDRANT 4" 36"

Sta# 896+01 142"
SEWER X-ING 36"

Sta# 896+07 130"
WTR X-ING 3" 33"

Sta# 896+43 130"
SEWER X-ING 36"

Sta# 896+21
match line

Sta# 896+27 122"
GAS X-ING 34"

Sta# 896+27 122"
ELEC X-ING 48"

Sta# 896+27 132"
TELEPHONE X-ING 65"

Sta# 896+44 102"
WTR X-ING 1" 33"

Sta# 896+70 3'0/S
END BORE 48"

NOTES:
572' BORE

COUNTY:
Sonoma

CONTRACTOR:
MGE

DUCT CONFIGURATION:
(2) 1½ (1) 1¼ H.D.P.E

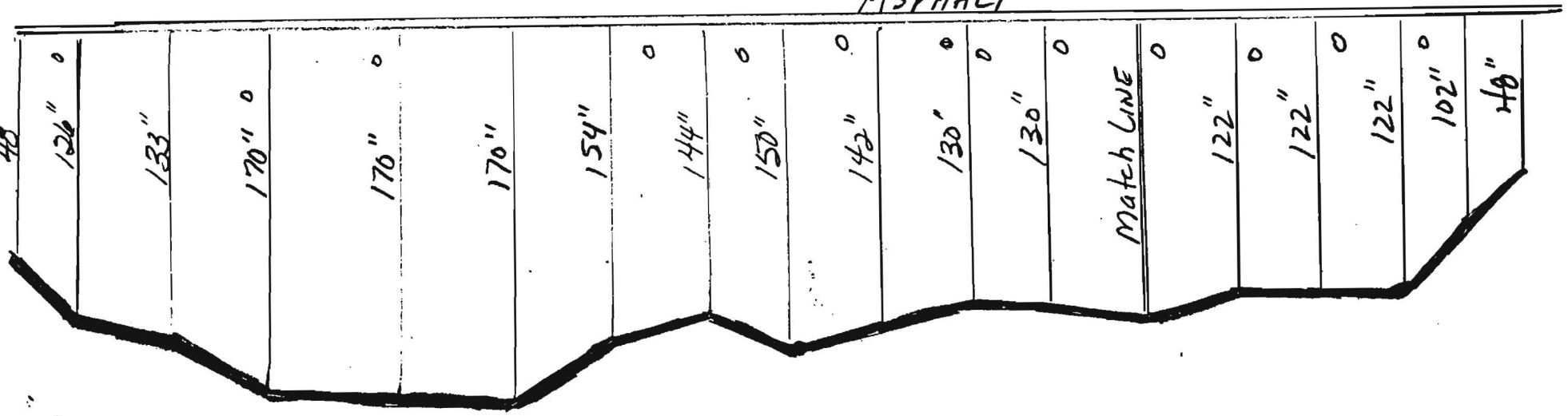
INSPECTOR:
GLORIA TABOR.

PAGE OF

W●rns CONSTRUCTION AS-BUILT DOCUMENTAT●

DATE: 11-18-80 | PROJECT: 9AP154.11 | DWG/ALIGNMENT SHEET#: SACR 174-17● | SPREAD #: 4A

Point Arena ← N → Sacramento



Sta# 894+04 15°/s Bac Bore 48"
Sta# 894+46 136" GAS X-ING 3" 36"
Sta# 894+54 15°/s WCG 133"
Sta# 894+85 120" SEWER X-ING 8" 8"
Sta# 894+97 170" WTR X-ING 33" 1"
Sta# 895+04 15°/s WCG 170"
Sta# 895+54 15°/s WCG 154"
Sta# 895+74 144" WTR X-ING 33"
Sta# 895+86 150" HYDRANT 4" 36"
Sta# 896+01 142" SEWER X-ING 36"
Sta# 896+07 130" WTR X-ING 1" 33"
Sta# 896+43 130" SEWER X-ING 36"
Sta# 896+21 Match Line
Sta# 896+27 122" GAS X-ING 24"
Sta# 896+27 122" ELEC X-ING 48"
Sta# 896+27 102" TELEPHONE X-ING 8"
Sta# 896+44 102" WTR X-ING 1" 33"
Sta# 895+20 15°/s END BORE 48"

NOTES: 572' BORE

COUNTY: Sonoma

CONTRACTOR: MGE

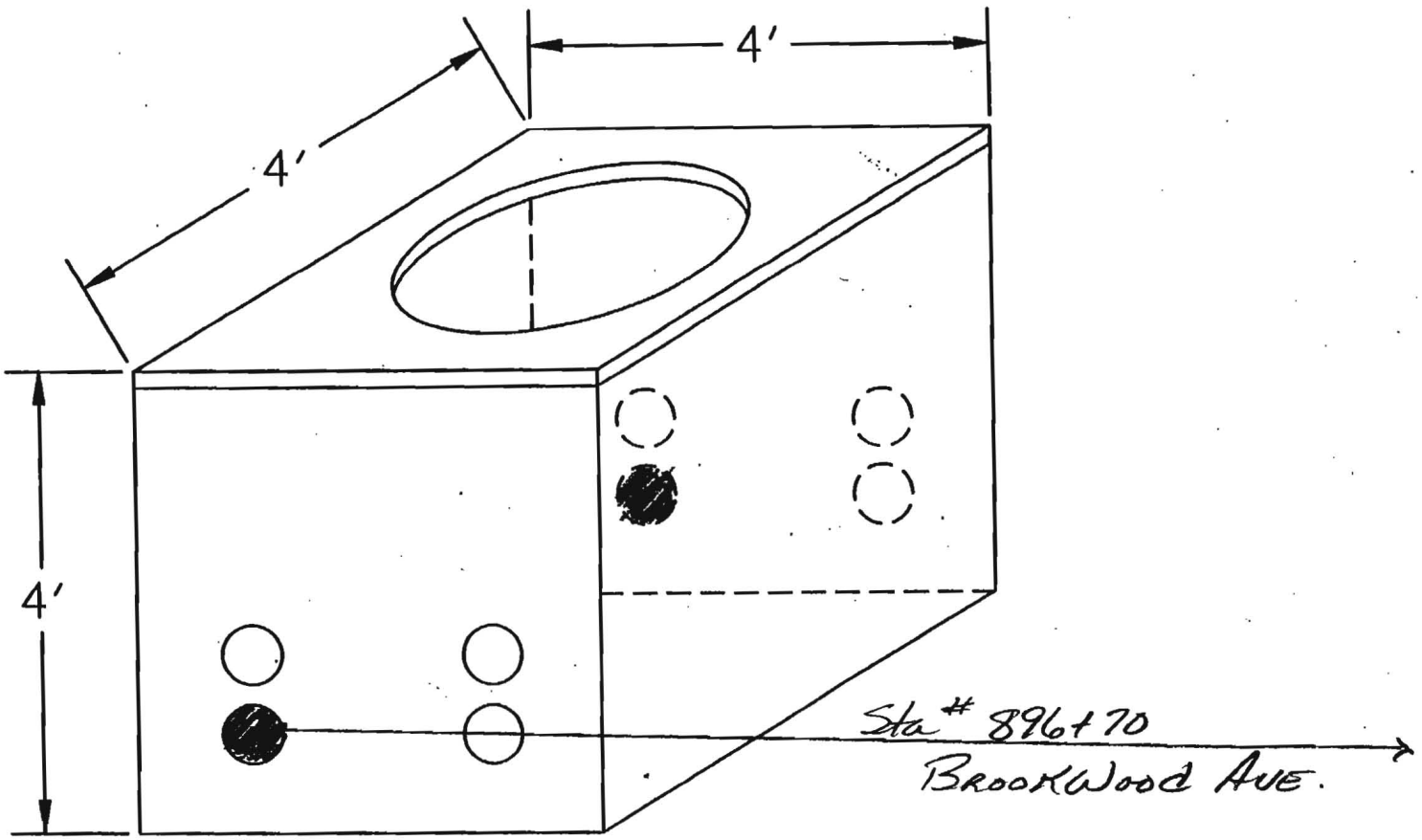
DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E

INSPECTOR: Gloria Taylor.

PAGE OF

WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
1-18-01	P99154.11	175	4A



NOTES: ENTRANCE ON FIELDSIDE

COUNTY: Sonoma

CONTRACTOR: MGE

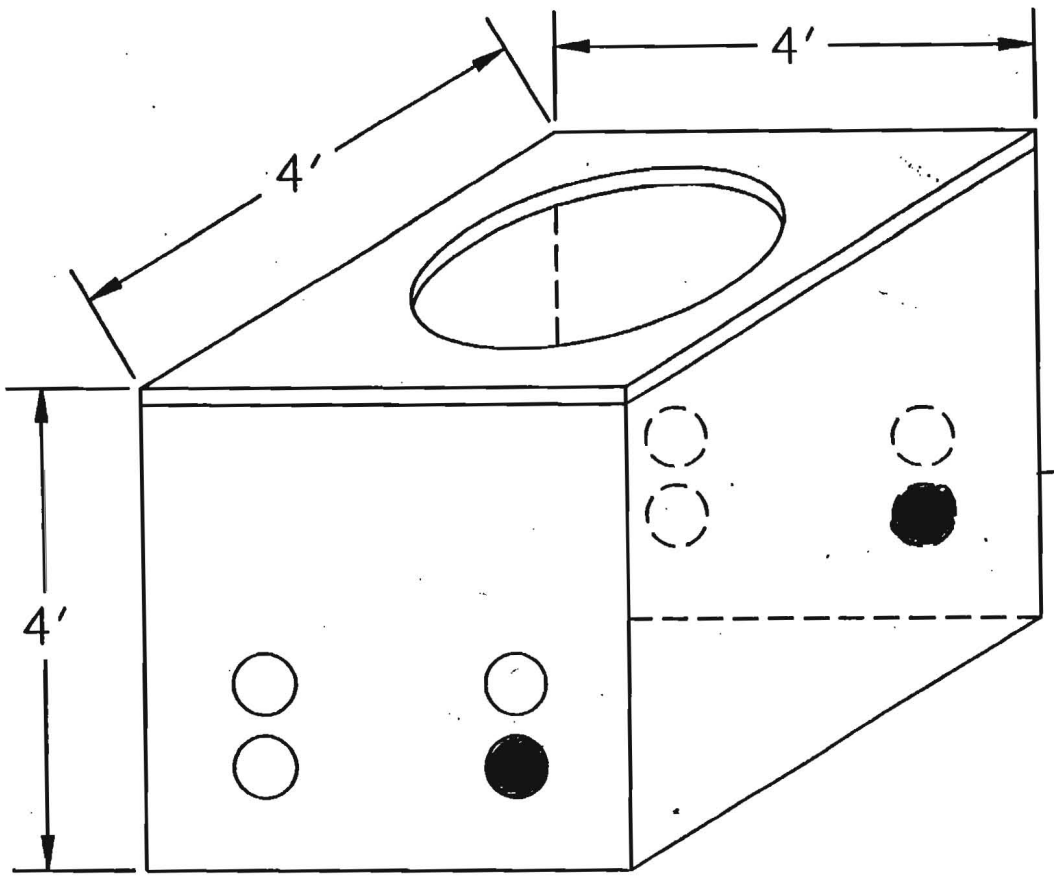
DUCT CONFIGURATION: (2) 1½ (1) 1¼ N.D.P.E.

INSPECTOR: GLORIA TABOR

PAGE OF

WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
1-18-01	P99154.11	175	4A



Sta # 899+03 15'0/S
BROOKWOOD AVE.

NOTES: FIELD SIDE ENTERANCE

COUNTY: Sonoma

CONTRACTOR: MGE

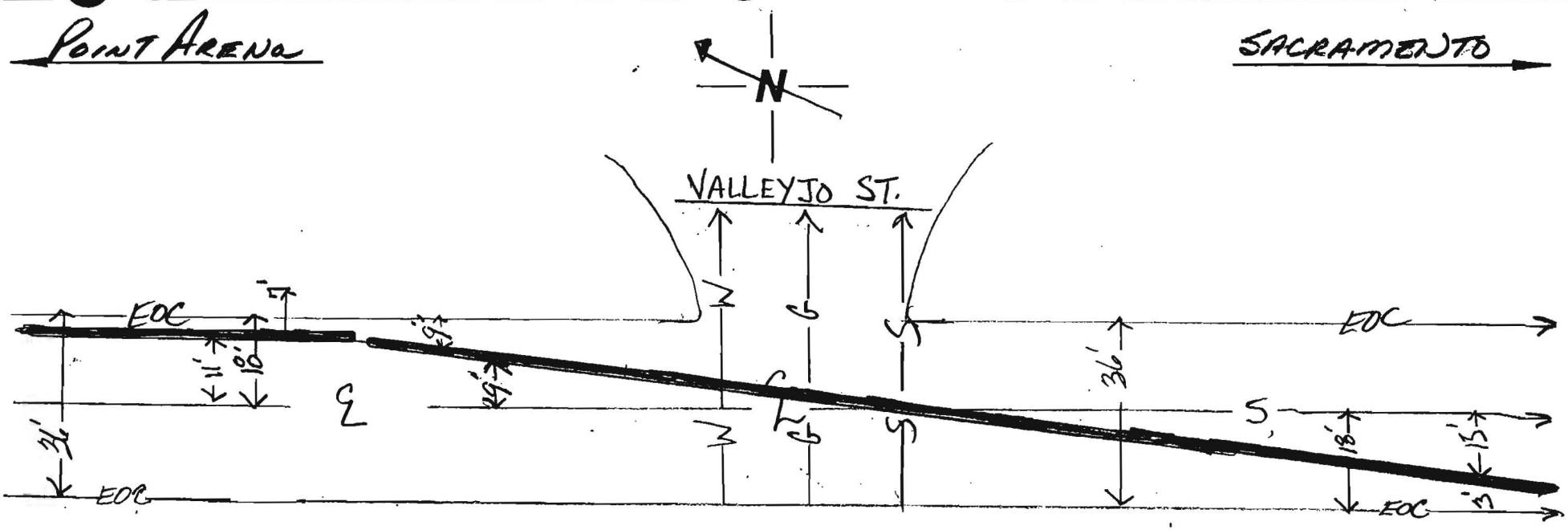
DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR: GLORIA TABOR

PAGE OF

Williams **CONSTRUCTION AS-BUILT DOCUMENTATION**

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
1-16-01	99D154.11	175	4A



Sta # 896+70 11°/s ℄ BEG BORE 48" ⌐

Sta # 897+20 11°/s ℄ WCG 90"

Sta # 897+70 11°/s ℄ WCG 165"

Sta # 898+02 9°/s ℄ WCG 210"

Sta # 898+11 3°/s 222" WTR X-ING 36"

Sta # 898+17 2°/s 222" GAS X-ING 28"

Sta # 898+32 0°/s 222" SEWER X-ING 60"

Sta # 898+82 12°/s ℄ WCG 180"

Sta # 899+03 15°/s ℄ END BORE 48"

NOTES:

233' BORE

PAGE OF

COUNTY: Sonoma

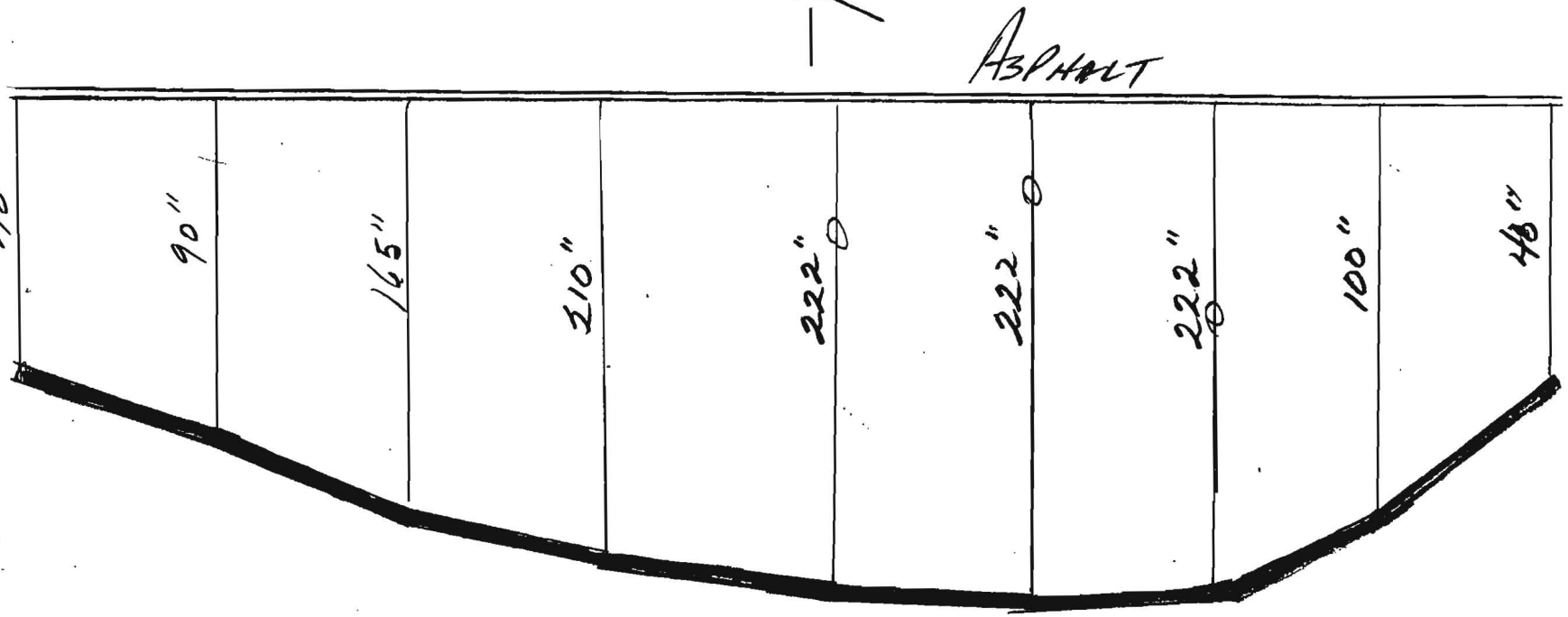
DUCT CONFIGURATION: (2) 1½ (1) 1¼ N.D.P.E.

CONTRACTOR: M.G.E.

INSPECTOR: GLORIA TABOR

Williams CONSTRUCTION AS-BUILT DOCUMENTATION	DATE: 1-16-01	PROJECT: P99154.11	DWG/ALIGNMENT SHEET: 175	SPREAD #: 4A

POINT ARENA ← N → SACRAMENTO



Sta # 896+70 11 1/2°
BEG BORE 48"

Sta # 897+20 11 1/2°
WC6 90"

Sta # 897+70 11 1/2°
WC6 165"

Sta # 898+02 9 1/2°
WC6 210"

Sta # 898+11 222"
WTR X-ING 36"

Sta # 898+17 222"
GAS X-ING 28"

Sta # 898+32 222"
SEWER X-ING 60"

Sta 898+82 15 1/2°
WC6 100"

Sta # 899+03 15 1/2°
END BORE 48"

NOTES:

233' TBORE

PAGE OF

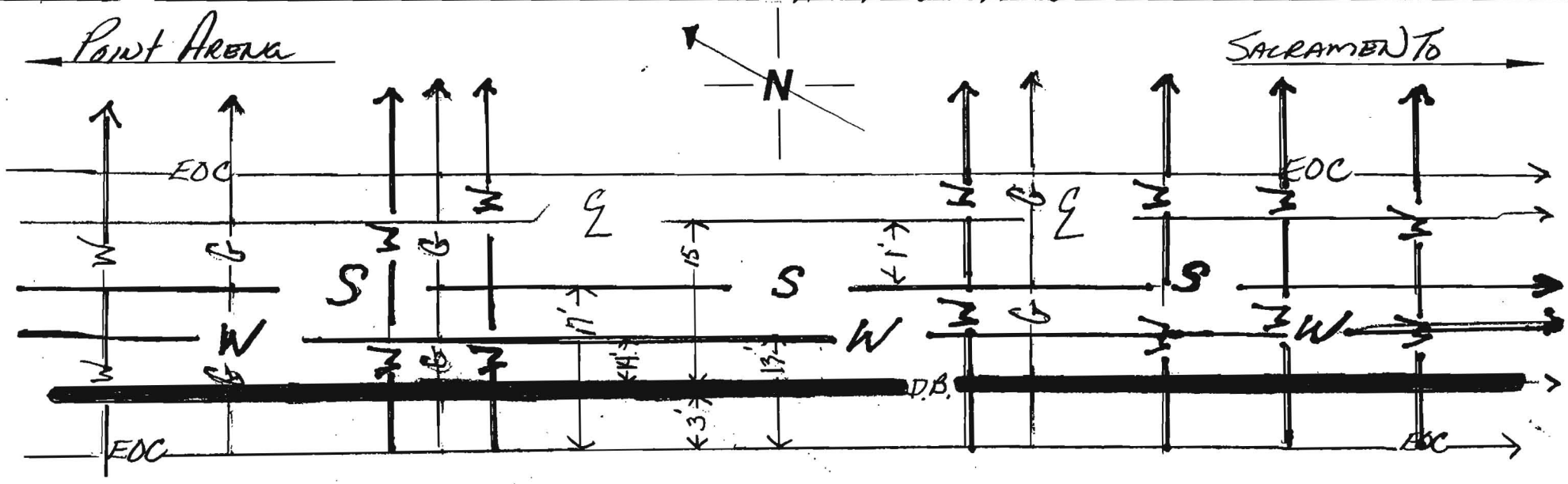
COUNTY: SONOMA

DUCT CONFIGURATION: (2) 1 1/2 (1) 1 1/4 H.D.P.E

CONTRACTOR: MGE

INSPECTOR: GLORIA TABOR

W[illegible]ms CONSTRUCTION AS-BUILT DOCUMENTAT[illegible]	DATE: 11-17-00	PROJECT: 99P154.11	DWG/ALIGNMENT SHEET#: SACR 175-176	SPREAD #: 4A



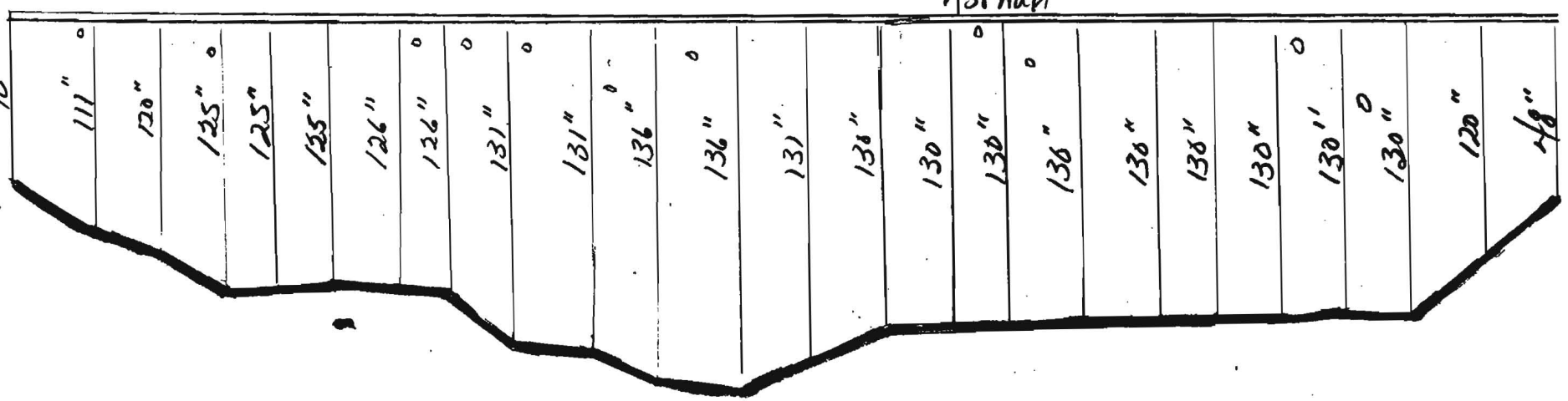
Sta # 899+03 15"/S
BORE 48"
Sta # 899+41 111"
WTR X-ING 25" 1"
Sta # 899+54 15"/S
WCG 120"
Sta # 899+96 125"
GAS X-ING 1" 25"
Sta # 900+04 15"/S
WCG 125"
Sta # 900+54 15"/S
WCG 125"
Sta # 900+66 126"
WTR X-ING 35" 1"
Sta # 900+68 126"
GAS X-ING 1" 32"
Sta # 901+00 131"
HYDRANT 4" 36"
Sta # 901+04 15"/S
WCG 131"
Sta # 901+24 136"
WTR 36" X-ING 88"
Sta # 901+38 136"
GAS 4" X-ING 36"
Sta # 901+54 15"/S
WCG 131"
Sta # 902+04 15"/S
WCG 130"
Sta # 902+54 15"/S
WCG 130"
Sta # 902+64 130"
WTR X-ING 19"
Sta # 902+69 130"
GAS X-ING 29"
Sta # 903+03 15"/S
WCG 130"
Sta # 903+08 130"
WTR X-ING 36" 1"
Sta # 903+53 15"/S
WCG 130"
Sta # 903+84 130"
HYDRANT X-ING 10" 50"
Sta # 904+02 15"/S
WCG 130"
Sta # 904+52 120"
WTR X-ING 40" 100"
Sta # 905+00 15"/S
END BORE 48"

NOTES: 597' BORE	COUNTY: Sonoma	CONTRACTOR: MGE
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: GLORIA TABOR

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET #:	SPREAD #:
11-17-00	99P154.11	SACR 175-170	4A

Point Arena ← N → Sacramento



Sta # 899+03 15°/s
Bell Bore 48"

Sta # 899+41
WTR x-ing
111"
25" 1°

Sta # 899+54 15°/s
WCG
120"

Sta # 899+96
GAS x-ing 1"
125"
25"

Sta # 900+04 15°/s
WCG
135"

Sta # 900+54 15°/s
WCG
125"

Sta # 900+66
WTR x-ing 1"
136"

Sta # 900+68
GAS x-ing 1"
26"
131"

Sta # 901+00
Hydrant 4"
36"

Sta # 901+04 15°/s
WCG
131"

Sta # 901+24
WTR x-ing
136"
88"

Sta # 901+38
GAS x-ing
136"
36"

Sta # 901+54 15°/s
WCG
131"

Sta # 902+04 15°/s
WCG
130"

Sta # 902+54 15°/s
WCG
130"

Sta # 902+66
WTR x-ing
130"
19"

Sta # 902+69
GAS x-ing
130"
29"

Sta # 903+03 15°/s
WCG
130"

Sta # 903+08
WTR x-ing
130"
36" 1°

Sta # 903+53 15°/s
WCG
130"

Sta # 903+84
Hydrant x-ing 10"
130"
50°

Sta # 904+02 15°/s
WCG
130"

Sta # 904+52
WTR x-ing 4D"
120"
100"

Sta # 905+00 15°/s
End Bore
48"

NOTES: 597' BORE

COUNTY: Sonoma

CONTRACTOR: M&E

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR: GLORIA TABOR

PAGE OF

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

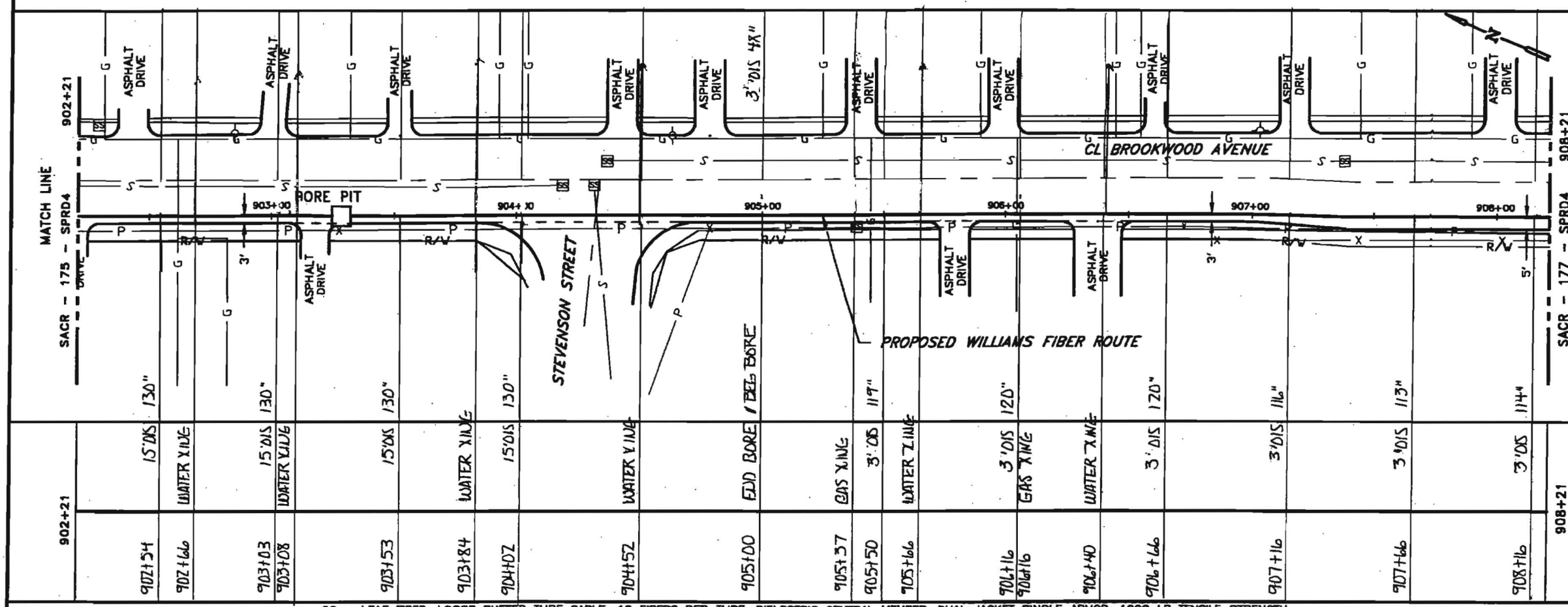
902+29 37' LT. SANITARY MH
902+58 33' LT. WATER VALVE
902+82 4' RT. WATER VALVE
903+04 4' RT. WATER VALVE
903+17 CL DRIVEWAY
903+23 35' LT. WATER VALVE
903+27 6' RT. POWER POLE
903+76 29' LT. WATER VALVE
903+83 4' RT. FIRE HYDRANT
903+83 11' LT. WATER VALVE
903+84 19' LT. WATER VALVE
904+18 11' LT. SANITARY MH
904+27 34' LT. WATER VALVE
904+31 12' LT. SANITARY MH
904+38 21' LT. SANITARY MH
904+49 11' RT. WATER VALVE
904+78 5' RT. POWER POLE
904+84 33' LT. WATER VALVE
905+38 4' RT. SANITARY MH
905+44 GAS LINE
905+52 33' LT. WATER VALVE
905+61 4' RT. WATER VALVE
905+79 CL DRIVEWAY
906+04 GAS LINE
906+14 33' LT. WATER VALVE
906+19 4' RT. WATER VALVE
906+37 CL DRIVEWAY
906+88 34' LT. WATER VALVE
906+71 4' RT. POWER POLE
907+02 34' LT. LIGHT POLE
907+30 34' LT. WATER VALVE
907+37 22' LT. SANITARY MH
907+88 34' LT. WATER VALVE

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



902+21																								908+21
	15'DIS	130"	15'DIS	130"	15'DIS	130"		130"		117"	120"		120"	116"	113"	114"		3'DIS					
	WATER XING		WATER XING		WATER XING		WATER XING		EXIST BORE / ELEC BORE	GAS XING	3'DIS	WATER Z LINE	3'DIS	GAS XING	WATER Z LINE	3'DIS								
902+34	902+66		903+03	903+08	903+53	903+84	904+02	904+52	905+00	905+37	905+50	905+66	906+16	906+16	906+40	906+66	907+16	907+66	908+16					

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)

902+21
905+00
279'
2.11
2-1.5" HDPE
1-1.25" HDPE
GLORIA TABOR
11-17-00
+902+66 WATER XING
+904+49 GAS XING
+905+78 WATER XING
+903+84 WATER XING
+904+52 WATER XING

905+00
908+21
321'
2.11
2-1.5" HDPE
1-1.25" HDPE
GLORIA TABOR
11-18-00
MGE
+905+37 GAS XING
+905+66 WATER XING
+906+16 GAS XING
+906+40 WATER XING

IN BLACK 1.25" HDPE
CGA TRACER WIRE
GLORIA TABOR
7-5-01

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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the 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
3	REVISED RUNNING LINE	MW	10/20

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	

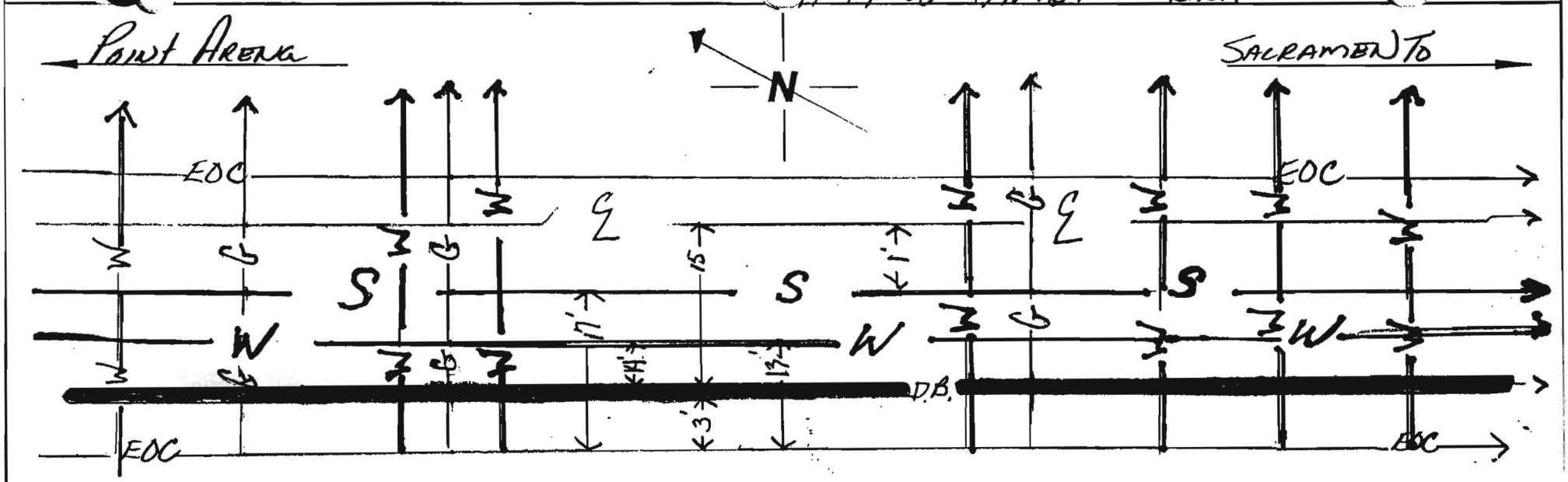
WILLIAMS COMMUNICATIONS GROUP Midcontinent Operations

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=50'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-176-SPRD4

WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#:	SPREAD #:
11-17-00	990154.11	SACR 175-176	44A



Sta # 899+03 15'%
Bore Bore 48"

Sta # 899+41 111"
WTR X-ING 25" 1"

Sta # 899+54 15'%
WCG 120"

Sta # 899+96 125"
GAS X-ING 1" 25"

Sta # 900+04 15'%
WCG 135"

Sta # 900+54 15'%
WCG 125"

Sta # 900+66 126"
WTR X-ING 35" 1"

Sta # 900+68 Lake"
GAS X-ING 1" 26"

Sta # 901+00 131"
HYDRANT 42" 36"

Sta # 901+04 15'%
WCG 131"

Sta # 901+24 136"
WTR 36" 88"
X-ING

Sta # 901+38 136"
GAS 4" 36"
X-ING

Sta # 901+54 15'%
WCG 131"

Sta # 902+04 15'%
WCG 130"

Sta # 902+54 15'%
WCG 130"

Sta # 902+66 130"
WTR X-ING 19"

Sta # 902+69 130"
GAS X-ING 29"

Sta # 903+03 15'%
WCG 130"

Sta # 903+08 130"
WTR X-ING 36" 1"

Sta # 903+53 15'%
WCG 130"

Sta # 903+84 130"
HYDRANT X-ING 10" 50"

Sta # 904+02 15'%
WCG 130"

Sta # 904+52 120"
WTR X-ING 40" 100"

Sta # 905+00 15'%
END BORE 48"

NOTES: 547' BORE

COUNTY: Sonoma

CONTRACTOR: MGE

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

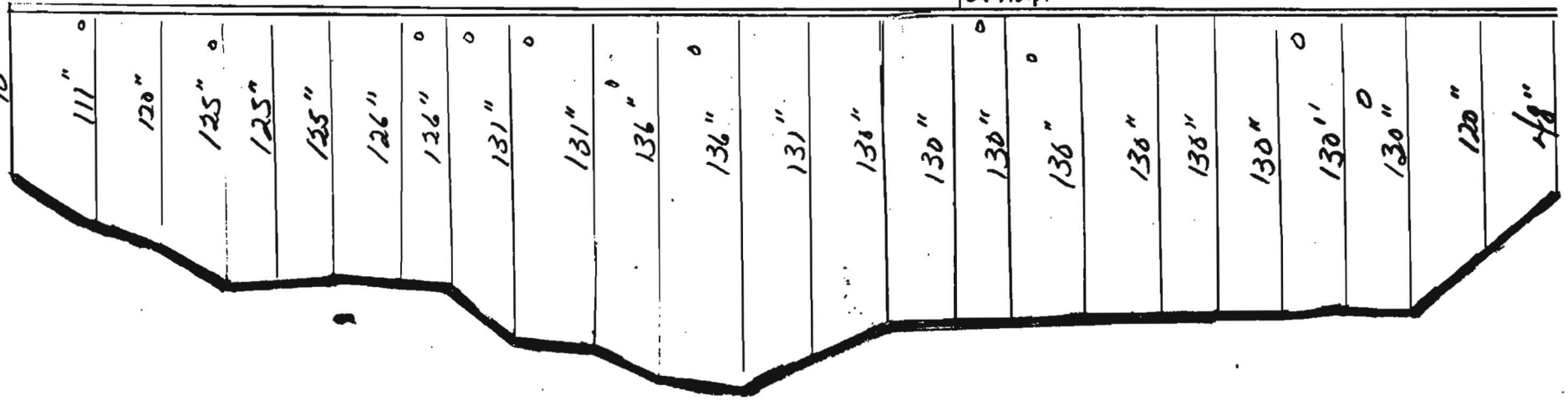
INSPECTOR: GLORIA TABOR

PAGE OF

W[illegible]MS CONSTRUCTION AS-BUILT DOCUMENTAT[illegible]

DATE: 11-17-00 | PROJECT: 990154.11 | DWG/ALIGNMENT SHEET #: SACR 175-176 | SPREAD #: 4A

Point Arena ← N → Sacramento



Sta * 899+03 15'⅛ 48" Bore
Sta * 896+41 111" 25" 1" WTR X-ING
Sta * 895+54 15'⅛ 120" WCG
Sta * 895+96 125" 25" 1" GAS X-ING
Sta * 900+04 15'⅛ 135" WCG
Sta * 900+54 15'⅛ 125" WCG
Sta * 900+66 126" 1" WTR X-ING
Sta * 900+68 126" 25" 1" GAS X-ING
Sta * 901+00 131" 26" 4" HYDRANT 36"
Sta * 901+04 15'⅛ 131" WCG
Sta * 901+24 136" 36" 88° WTR X-ING
Sta * 901+38 136" 36" GAS X-ING
Sta * 901+54 15'⅛ 131" NCG
Sta * 902+04 15'⅛ 130" NCG
Sta * 902+54 15'⅛ 130" WCG
Sta * 902+66 130" 19° WTR X-ING
Sta * 902+69 130" 29° GAS X-ING
Sta * 903+03 15'⅛ 130" NCG
Sta * 903+08 130" 36" 1" WTR X-ING
Sta * 903+53 15'⅛ 130" NCG
Sta * 903+84 130" 50° HYDRANT X-ING
Sta * 904+02 15'⅛ 130" WCG
Sta * 904+52 120" 40" 100° WTR X-ING
Sta * 905+00 15'⅛ 48" END BORE

NOTES: 547' BORE

COUNTY: Sonoma

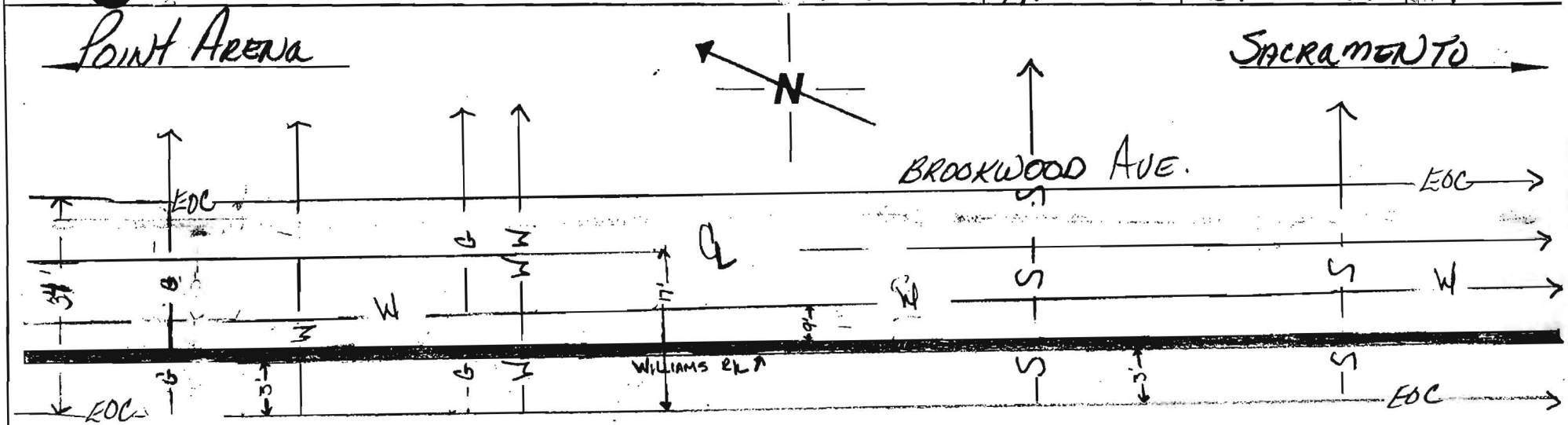
CONTRACTOR: MGE

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR: GLORIA TABOR

PAGE OF

VI ns CONSTRUCTION AS-BUILT DOCUMENTA	DATE: 11-18-00	PROJECT: 99P154.11	DWG/ALIGNMENT SHEET: SACR 176-177	SPREAD #: 4A



Sta 905+00 15°/s
BEG BORE 48"

Sta #905+37 90°
GAS X-ING 1" 25"

Sta #905+50 15°/s
WC6 119"

Sta #905+66 116"
WTR X-ING 1" 22"

Sta #906+16 15°/s
WC6 120"

Sta #906+16 120"
GAS X-ING 1" 35"

Sta #906+40 120"
WTR X-ING 1" 21"

Sta #906+66 15°/s
WC6 120"

Sta #907+16 15°/s
WC6 116"

Sta #907+66 15°/s
WC6 113"

Sta #908+16 15°/s
WC6 114"

Sta #908+21
match LINE

Sta #908+66 15°/s
WC6 112"

Sta #908+98 116"
SEWER X-ING 48"

Sta #909+16 15°/s
WC6 116"

Sta #909+66 15°/s
WC6 110"

Sta #910+16 15°/s
WC6 102"

Sta #910+41 93"
SEWER X-ING 36"

Sta #910+66 15°/s
WC6 78"

Sta #910+72 15°/s
END BORE 48"

NOTES:

PAGE OF

COUNTY: Sonoma

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

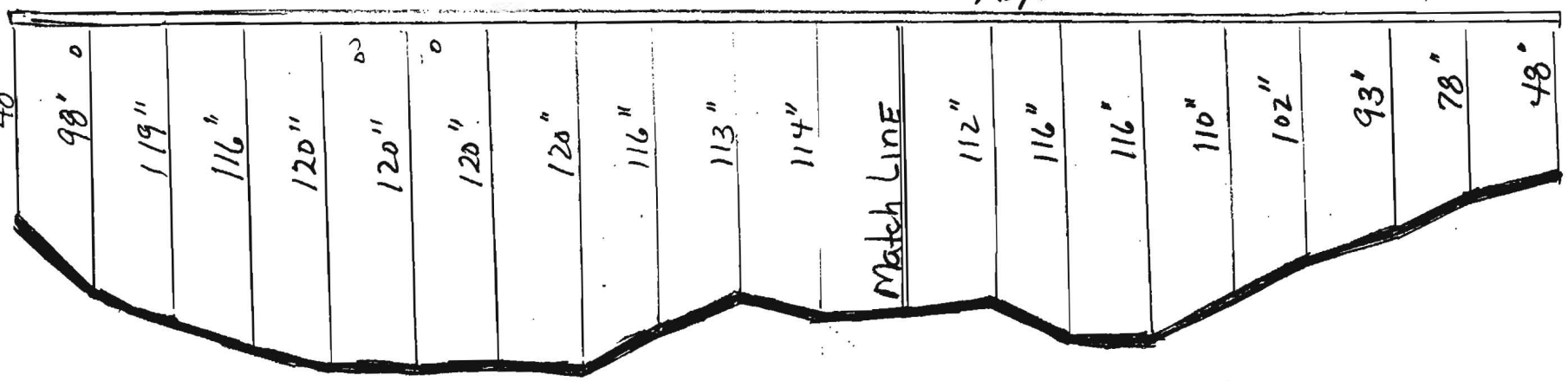
CONTRACTOR: MGE

INSPECTOR: GLORIA TABOR

NORTHERN CROSS CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#:	SPREAD #:
11-18-00	99P154.11	SACR 176-177	4A

POINT ARENA ← N → SACRAMENTO



Sta 905+00 15'0/s BEG BORE 48"
Sta #905+37 98' GAS x-ING 1" 25"
Sta #905+50 15'0/s NCG 119"
Sta #905+66 116" WTR x-ING 1" 22"
Sta #906+16 15'0/s WCG 120"
Sta #906+16 120" GAS x-ING 1" 25"
Sta #906+40 120" WTR x-ING 1" 21"
Sta #906+66 15'0/s WCG 120"
Sta #907+16 15'0/s WCG 116"
Sta #907+66 15'0/s WCG 113"
Sta #908+16 15'0/s WCG 114"
Sta #908+21 MATCH LINE
Sta #908+66 15'0/s WCG 112"
Sta #908+88 116" SEWER x-ING 48"
Sta #909+16 15'0/s WCG 116"
Sta #909+76 15'0/s WCG 110"
Sta #910+16 15'0/s WCG 102"
Sta #910+41 93" SEWER x-ING 36"
Sta #910+96 15'0/s WCG 78"
Sta #910+22 15'0/s END BORE 48"

NOTES:

COUNTY: Sonoma

CONTRACTOR: MGE

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR: GLORIA TABOR

PAGE OF

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

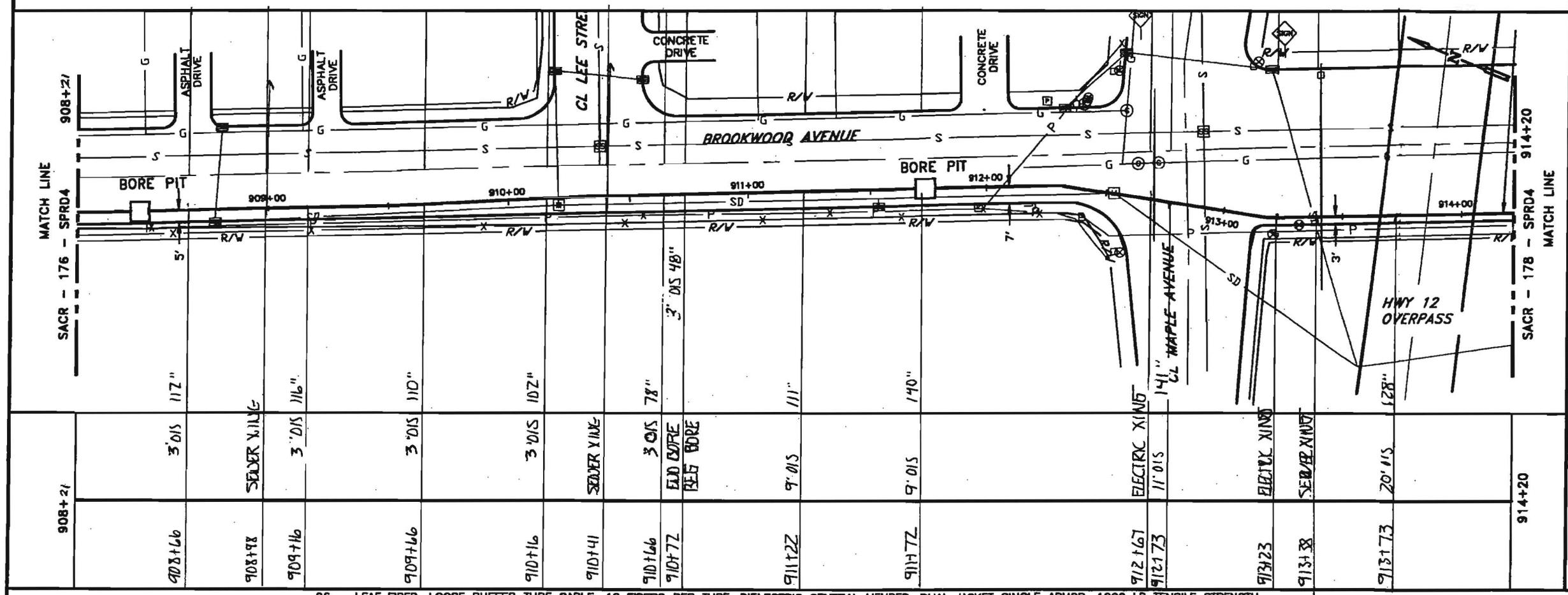
908+51 35' LT. WATER VALVE
908+77 STORM DRAIN
908+77 5' RT. CATCH BASIN
908+81 34' LT. CATCH BASIN
910+15 6' LT. WATER VALVE
910+18 70' LT. WATER VALVE
910+20 STORM DRAIN
910+20 2' RT. STORM MH
910+24 40' LT. WATER VALVE
910+37 21' LT. SANITARY MH
911+84 34' LT. WATER VALVE
911+96 8' RT. UTILITY BOX
912+24 WATER LINE
912+24 8' RT. FIRE HYDRANT
912+25 34' RT. UTILITY BOX
912+33 3' RT. STORM DRAIN
912+36 37' LT. UTILITY BOX
912+41 11' RT. UTILITY BOX
912+47 50' LT. UTILITY BOX
912+56 23' RT. UTILITY BOX
912+59 23' RT. UTILITY BOX
912+67 1' LT. WATER VALVE
912+69 8' RT. WATER LINE
912+70 8' RT. STORM DRAIN
912+85 31' LT. SANITARY MH
912+89 16' LT. WATER VALVE
912+92 4' RT. SEWER LINE
912+94 28' LT. WATER VALVE
913+03 60' LT. UTILITY BOX
913+05 62' LT. UTILITY BOX
913+07 59' LT. WATER VALVE
913+20 61' RT. UTILITY BOX
913+25 65' LT. SIGN
913+31 31' RT. UTILITY BOX
913+37 STORM DRAIN
913+41 58' LT. UTILITY BOX

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
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)

908+21
910+72
231'

2-11
2-1.5" HDPE
1-1.25" HDPE
GLORIA TABOR
11-18-00
± 908+98 SEWER X WIRE
± 910+41 SEWER X WIRE

IN BLACK 1.25" HDPE
USA TRACER WIRE
GLORIA TABOR
7-9-01

910+72
914+20
348'

BORE
2-1.5" HDPE
1-1.25" HDPE
GLORIA TABOR
3-29-01
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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the 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
- EB 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

1-800-582-9068

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-845-2255

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
3	REVISED RUNNING LINE	MW	10/20

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	

COMMUNICATIONS GROUP
Network Services

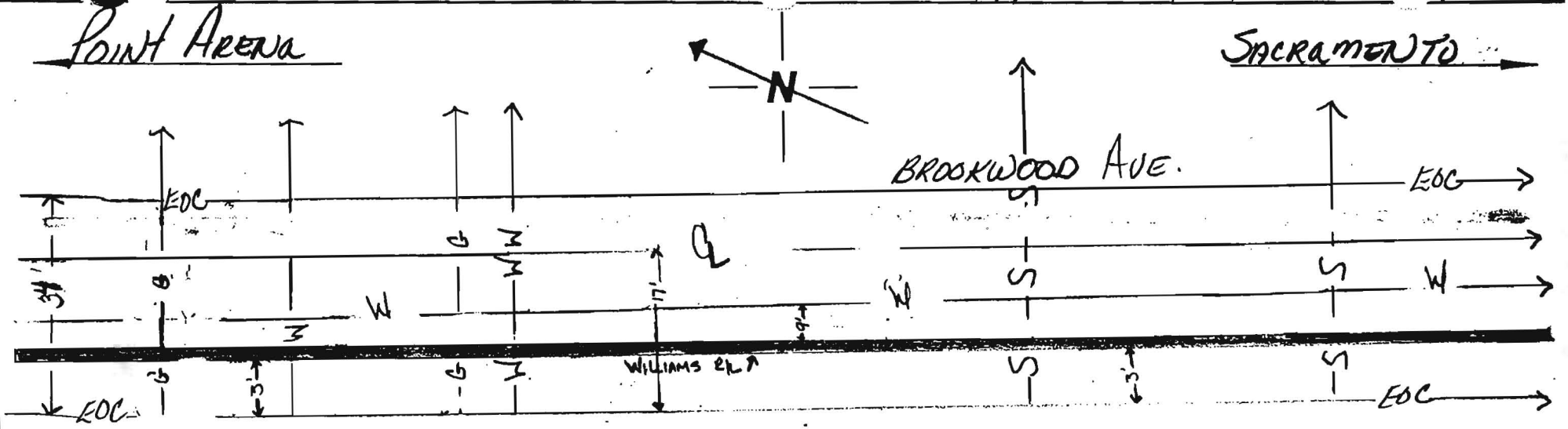
POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=50'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-177-SPRD4

W[redacted]ns CONSTRUCTION AS-BUILT DOCUMENTAT[redacted] | DATE: 11-18-00 | PROJECT: 99P154.11 | DWG/ALIGNMENT SHEET#: SACR 176-177 | SPREAD #: 4A

POINT ARENA

SACRAMENTO



Sta 905+00 15'0/s BEG BORE 48"

Sta #905+37 38' GAS X-ING 1" 25"

Sta #905+50 15'0/s NCG 114"

Sta #905+66 116" WTR X-ING 1" 22"

Sta #906+16 15'0/s WCG 120"

Sta #906+16 120" GAS X-ING 1" 35"

Sta #906+40 120" WTR X-ING 1" 21"

Sta #906+66 15'0/s WCG 120"

Sta #907+16 15'0/s WCG 116"

Sta #907+66 15'0/s WCG 113"

Sta #908+16 15'0/s WCG 114"

Sta #908+21 MATCH LINE

Sta #908+66 15'0/s WCG 112"

Sta #908+88 116" SEWER X-ING 48"

Sta #909+16 15'0/s WCG 116"

Sta #909+46 15'0/s WCG 110"

Sta #910+16 15'0/s WCG 102"

Sta #910+41 92" SEWER X-ING 36"

Sta #910+66 15'0/s WCG 78"

Sta #910+22 15'0/s END BORE 48"

NOTES:

COUNTY: Sonoma

CONTRACTOR: MGE

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR: GLORIA TABOR

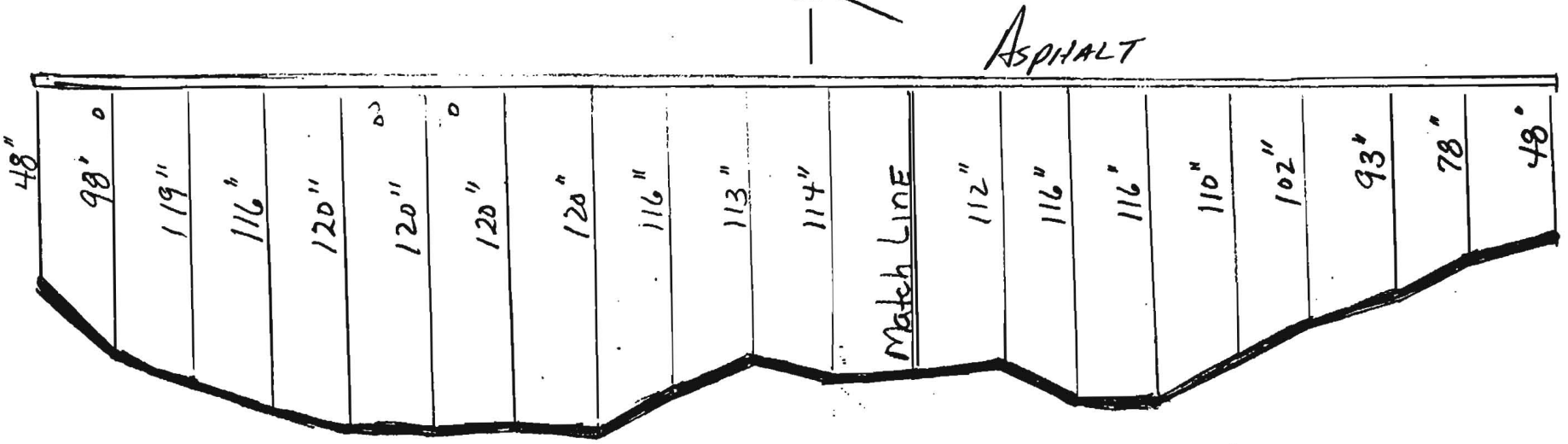
PAGE OF

W●ms CONSTRUCTION AS-BUILT DOCUMENTATI● | DATE: 11-18-00 | PROJECT: 99P154.11 | DWG/ALIGNMENT SHEET #: SACR 176-177 | READ #: 4A

Point Arena

N

Sacramento



Sta 905+00 15'0/s BEG BORE 48"
Sta #905+37 GAS x-ING 1" 25" 78"
Sta 905+50 15'0/s NCG 119"
Sta #905+66 WTR x-ING 1" 22" 116"
Sta #906+16 15'0/s WCG 120"
Sta #906+16 GAS x-ING 1" 35" 120"
Sta #906+40 WTR x-ING 1" 21" 120"
Sta #906+66 15'0/s WCG 120"
Sta #907+16 15'0/s WCG 116"
Sta #907+66 15'0/s WCG 113"
Sta #908+16 15'0/s WCG 114"
Sta 908+21 Match LINE
Sta #908+66 15'0/s WCG 112"
Sta #908+98 SEWER x-ING 48" 116"
Sta #909+16 15'0/s WCG 116"
Sta #909+46 15'0/s WCG 118"
Sta #910+16 15'0/s WCG 102"
Sta #910+41 SEWER x-ING 36" 93"
Sta #910+66 15'0/s WCG 78"
Sta #910+22 15'0/s END BORE 48"

NOTES:

PAGE OF

COUNTY: Sonoma

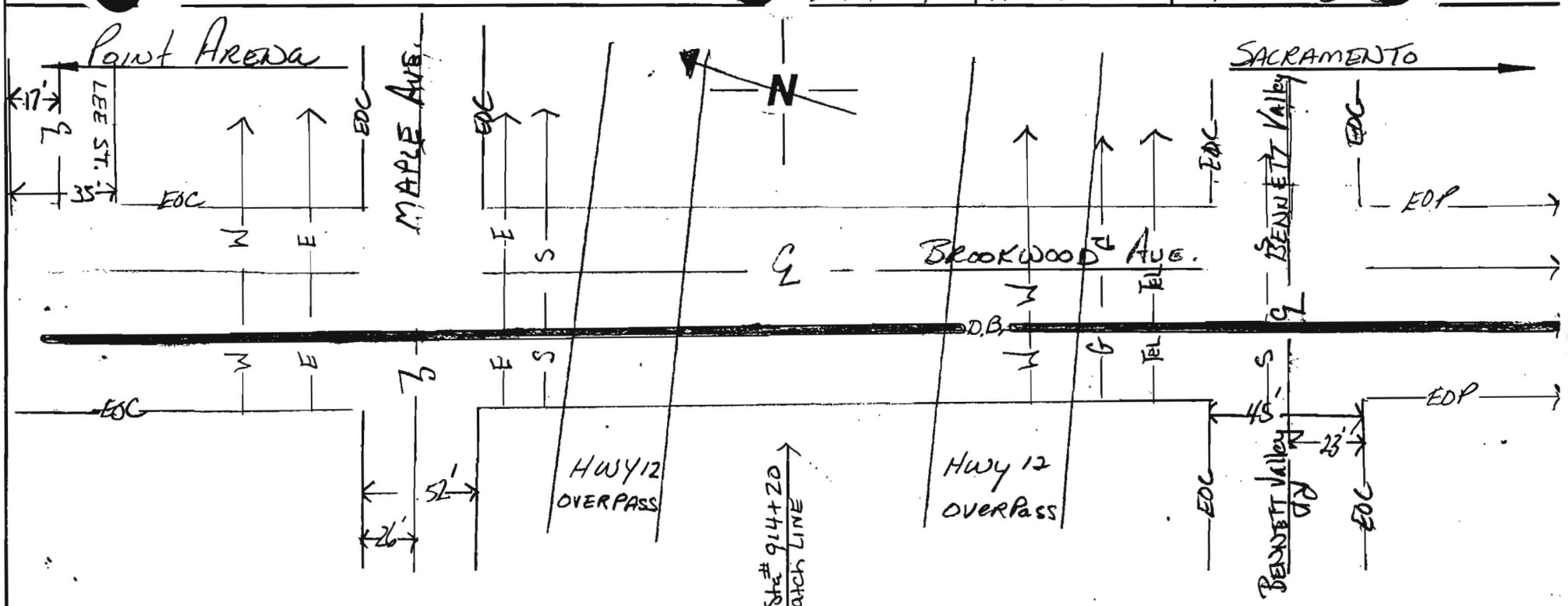
CONTRACTOR: MGE

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR: GLORIA TABOR

Williams **CONSTRUCTION AS-BUILT DOCUMENTATION**

DATE:	PROJECT:	DWG/ALIGNMENT SHEET #:	SPREAD #:
3-29-01	99P154.11	177-178	4A



Sta # 910+72 3'/s EOC
FLEX BORE 48"
Sta # 911+22 9'/s EOC
WC6 111"
Sta # 911+72 9'/s EOC
WC6 140"
Sta # 912+24 138"
FIRE HYDRANT 84"
Sta # 912+67 141"
POWER X-ING 85"
Sta # 912+23 11'/s EOC
WC6 141"
Sta # 913+23 21'/s EOC
WC6 158"
Sta # 913+23 158"
ELEC. X-ING 36"
Sta # 913+29 144"
SEWER X-ING 85"
Sta # 913+23 20'/s EOC
WC6 138"
Sta # 913+23
HWY 12 BEG LEG
Sta # 914+02
HWY 12 END LEG
Sta # 914+23 26 BEG
WC6 122
Sta # 914+41
BEG HWY 12 LEG
Sta # 914+82
END HWY LEG
Sta # 915+24 20'/s EOC
WC6 138"
Sta # 915+84 134"
WTR X-ING 58"
Sta # 915+86 134"
GAS X-ING 81"
Sta # 915+96 134"
TELX-ING 48"
Sta # 916+24 3'/s EOP
WC6 133"
Sta # 916+53 134"
SEWER X-ING 36"
Sta # 916+74 12'/s E
WC6
Sta # 917+24 12'/s E
WC6
Sta # 917+58 12'/s E
END BORE 48"

NOTES: 6E 6" BORE Pulled 5" H.D.P.E CASING (2) 1½ (1) 1¼ H.D.P.E.

COUNTY: Sonoma

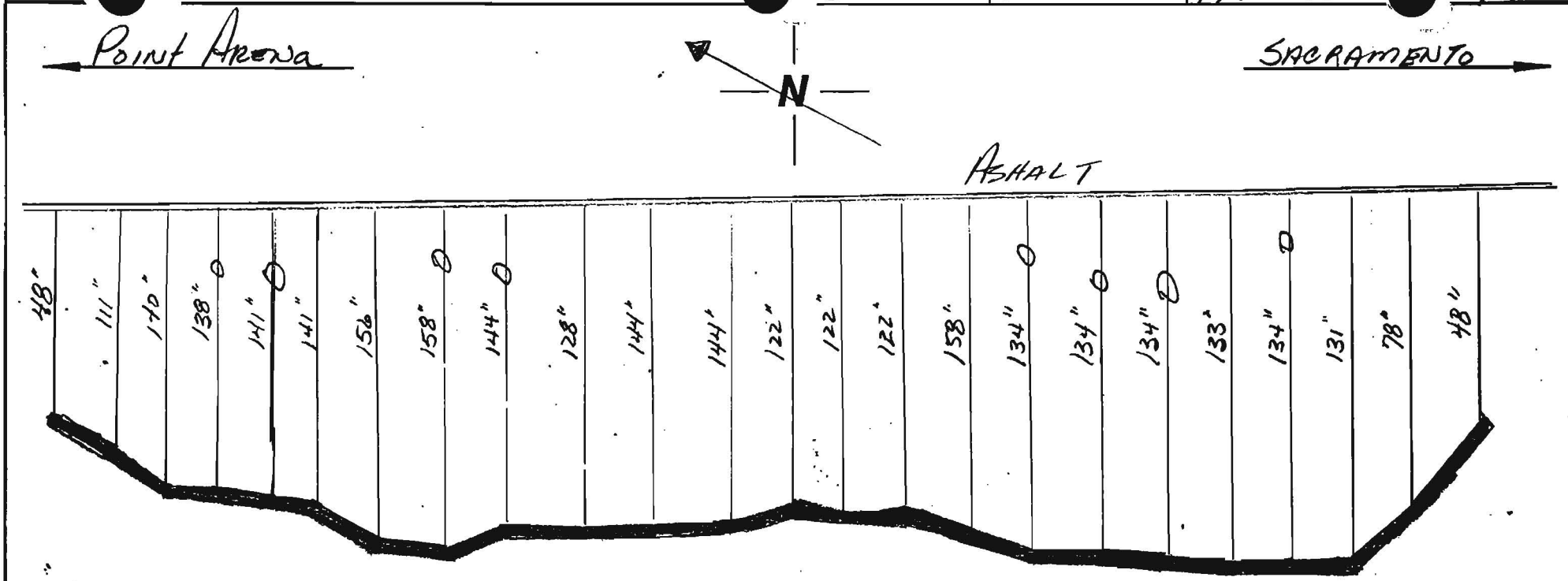
CONTRACTOR: TIDWELL

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E

INSPECTOR: Gloria TAGOR

PAGE OF

Williams CONSTRUCTION AS-BUILT DOCUMENTAT | DATE: 3-27-01 | PROJECT: 99P154.11 | DRAWING NO. SHEET NO.: 177 - 178 | 44



NOTES: 686' B&RE Pulled 5" H.D.P.E. CASING (2) 1½ (1) 1¼ H.D.P.E.

COUNTY: Sonoma

DUCT CONFIGURATION: (2) 1½ (1) 1¼ 5" H.D.P.E. CASING

CONTRACTOR: TIDWELL

INSPECTOR: GLORIA TAJR

PAGE OF

Poplin, Jerry

From: Jim Dickey [jdickey@carlilemacy.com]
Sent: Wednesday, November 06, 2002 12:45 PM
To: Poplin, Jerry
Subject: RE: redlines

Jerry,

Thanks for you help on this, Please mail to this address.

Jim Dickey
Carlile Macy
15 Third Street
Santa Rosa, CA 95401

Thanks again

Jim

-----Original Message-----
From: Poplin, Jerry [mailto:Jerry.Poplin@wcg.com]
Sent: Wednesday, November 06, 2002 10:43 AM
To: Jim Dickey
Subject: RE: redlines

I have located the books with the right redlines in them. Please give me an address to send copies to you and we will try to get out next week.

-----Original Message-----
From: Jim Dickey [mailto:jdickey@carlilemacy.com]
Sent: Tuesday, November 05, 2002 10:02 AM
To: Poplin, Jerry
Subject: RE: redlines

Jerry,

thanks for the update.

Jim

-----Original Message-----
From: Poplin, Jerry [mailto:Jerry.Poplin@wcg.com]
Sent: Tuesday, November 05, 2002 8:00 AM
To: Jim Dickey
Subject: RE: redlines

We are have every book of redlines except for the spread in question, it has been misplaced here in tulsa. We are trying to get the information from the field fvor our records , then we will be able to share.

-----Original Message-----
From: Jim Dickey [mailto:jdickey@carlilemacy.com]
Sent: Thursday, October 31, 2002 4:14 PM

To: Poplin, Jerry
Subject: RE: redlines

Jerry,

I am looking for any information that you have for Petaluma Hill Road, north of Kawana Springs Road, then Aston Ave to Brookwood Ave. And Brookwood Ave north to Highway 12.

thanks
Jim

-----Original Message-----
From: Poplin, Jerry [mailto:Jerry.Poplin@wcg.com]
Sent: Thursday, October 31, 2002 2:12 PM
To: Jim Dickey
Subject: RE: redlines

I have located a few books. Tell me one more time exactly what you are looking for and i will see if we can find it in what I have. Be as specific as you can. Thanks.

-----Original Message-----
From: Jim Dickey [mailto:jdickey@carlilemacy.com]
Sent: Thursday, October 31, 2002 4:10 PM
To: Poplin, Jerry
Subject: RE: redlines

Jerry,
Have you found any information regarding those redlines?

Thanks,
Jim

-----Original Message-----
From: Poplin, Jerry [mailto:Jerry.Poplin@wcg.com]
Sent: Monday, October 21, 2002 7:00 AM
To: Jim Dickey
Subject: RE: redlines

yes, tech for wcg.

-----Original Message-----
From: Jim Dickey [mailto:jdickey@carlilemacy.com]
Sent: Monday, October 21, 2002 9:00 AM
To: Poplin, Jerry
Subject: RE: redlines

Jerry,

Do you mean a Tech for WCG? the Cities don't have any information on the facilities.

Jim

-----Original Message-----
From: Poplin, Jerry [mailto:Jerry.Poplin@wcg.com]
Sent: Monday, October 21, 2002 6:00 AM
To: jdickey@carlilemacy.com
Subject: redlines

We are still looking for the redline information. If you know the local tech in the area, it may be quicker to get it from him. If you do not have that name let me know and I will track down who that may be.

Williams COMMUNICATIONS

Network – Operations
One Technology Center
Mail Drop TC9
P.O. Box 22064

November 7, 2002

COPY

Mr. Jim Dickey
Carlile Macey
15 Third Street
Santa Rosa, CA 95401

Re: Request for Utility Location Verification
Santa Rosa County, CA; Petaluma Hill Road, North of Kawana Springs Road; Aston Ave. to Brookwood Ave., and Brookwood Ave. North to Highway 12
Williams Project No.: UR-1942

Dear Mr. Dickey:

This letter is written in response to your request to Jerry Poplin for information on Williams' facilities in the referenced area. Williams Communications does have facilities within your defined area. However, without a review of your plan drawings, it is impossible to determine the impact of your project on those facilities. We will appreciate an opportunity to review your plans as soon as they become available.

Enclosed are "redline" drawings: Point Arena to Sacramento, sheets SACR-178-SPRD4 through SACR-193-SPRD4. These redlines are supplied for ***informational purposes only.*** **Please contact our Outside Plant Coordinator, Anne Supik at 650-224-5235, to make arrangements for positive location of our facilities.**

Please address all future correspondence concerning this project or other projects to the undersigned at:

Williams Communications, LLC
Relocations, Network Operations
Attention: Judith S. Lake, TC-9
One Technology Center
Tulsa, Oklahoma 74103

Williams Communications, LLC
Judith.Lake@wcg.com

Direct Dial 918/547-9919
Facsimile 918/547-8018

Thank you for your consideration in bringing this matter to our attention. Should you require further information, please advise.

Sincerely,

Williams Communications, LLC

COPY

Judith S. Lake
Operations - Relocations

Enclosure

xc: Jerry Poplin
Anne Supik

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

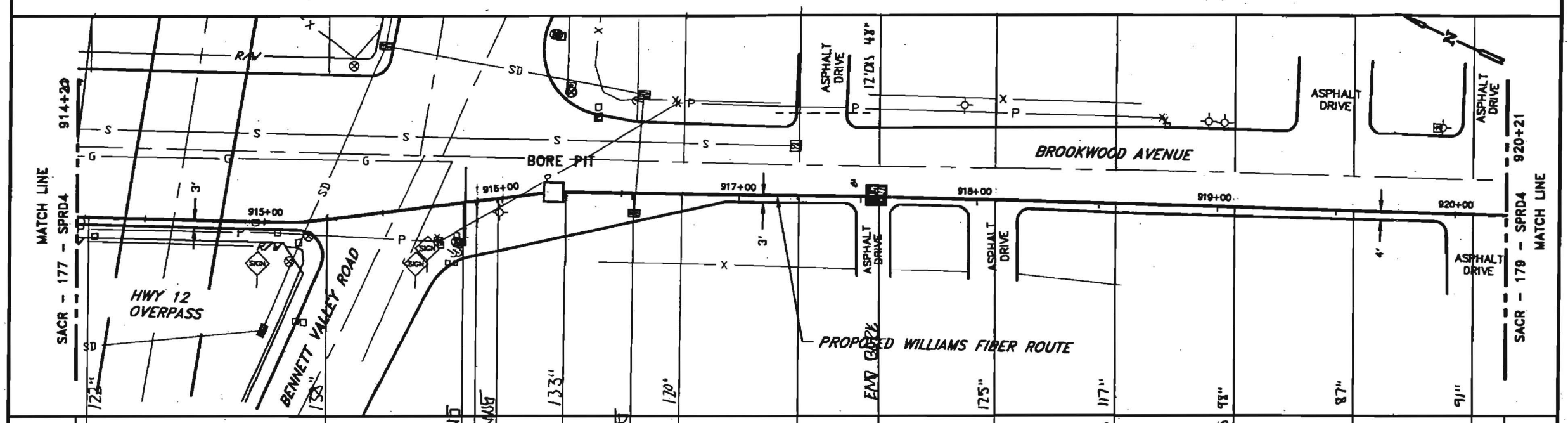
914+28 7' RT. UTILITY BOX
914+98 4' RT. SIGN
915+00 45' RT. CATCH BASIN
915+05 4' RT. UTILITY BOX
915+11 16' RT. UTILITY BOX
915+13 7' RT. UTILITY BOX
915+18 STORM DRAIN
915+18 6' RT. UTILITY BOX
915+44 61' LT. UTILITY BOX
915+58 66' LT. CATCH BASIN
915+60 32' RT. SIGN
915+65 28' RT. WATER VALVE
915+69 6' RT. WATER VALVE
915+70 GAS LINE
915+72 14' RT. POWER POLE
915+74 23' RT. UTILITY BOX
915+78 21' RT. GUY
915+78 24' RT. UTILITY BOX
915+79 15' RT. UTILITY BOX
915+80 16' RT. UTILITY BOX
915+81 20' RT. GUY
916+27 40' LT. UTILITY BOX
916+27 43' LT. UTILITY BOX
916+33 76' LT. MANHOLE
916+35 79' LT. MANHOLE
916+38 35' LT. WATER VALVE
916+39 31' LT. UTILITY BOX
916+53 30' LT. GUY
916+55 6' RT. CATCH BASIN
916+55 13' RT. WATER VALVE
916+56 STORM DRAIN
916+58 38' LT. CATCH BASIN
916+72 37' LT. POWER POLE
917+85 1' LT. CL DRIVEWAY
917+58 MANHOLE
GLORIA TABOR 3-19-01
917+93 39' LT. LIGHT POLE
918+06 1' LT. CL DRIVEWAY
918+85 35' LT. LIGHT POLE
919+01 35' LT. LIGHT POLE
920+13 CL DRIVEWAY

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



914+21																		920+21
	20'DIS		20'DIS		WATER XING	133"	SEWER XING	120°		END BORE	125"	117"	98"	87"	91"			
					GAS XING				12'DIS	BEG. BORE	12'DIS	12'DIS	12'DIS	12'DIS	12'DIS			
914+23		915+24		915+84	TELEPHONE XING	3'DIS		12'DIS										
				915+86			916+53		916+74	917+24	917+58	918+08	918+58	919+08	919+58	920+08		

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" BLUE, 1-1.5" ORANGE HDPE

914+20	917+58
917+58	920+21
338'	263'
BORE	2.11
2-1.5" HDPE	2-1.5" HDPE
1 1.25" HDPE	1-1.25" HDPE
GLORIA TABOR	DUKE SMITH
3-29-01	1-9.00
TIDWELL	M&E
	IN BLACK 1.25" HDPE
	GGA TRACER WIRE
	GLORIA TABOR
	7-9-01

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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the 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
- 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
- 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
3	REVISED RUNNING LINE	MW	10/20

CABLE DESCRIPTION

- CABLE FIBER CORE/ MFR. 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

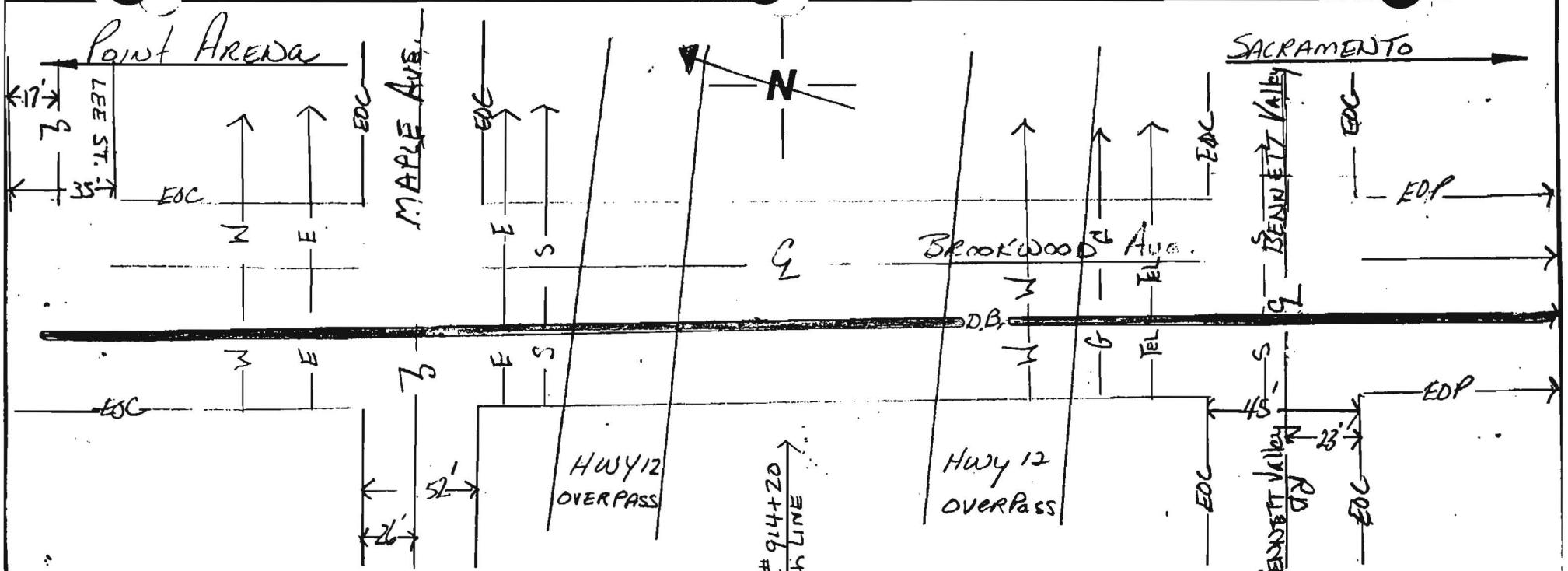
COMMUNICATIONS GROUP
Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (GRID & PROF) :	1"=30'
VERTICAL SCALE (GRID) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-178-SPRD4

W●●ms CONSTRUCTION AS-BUILT DOCUMENTAT●●

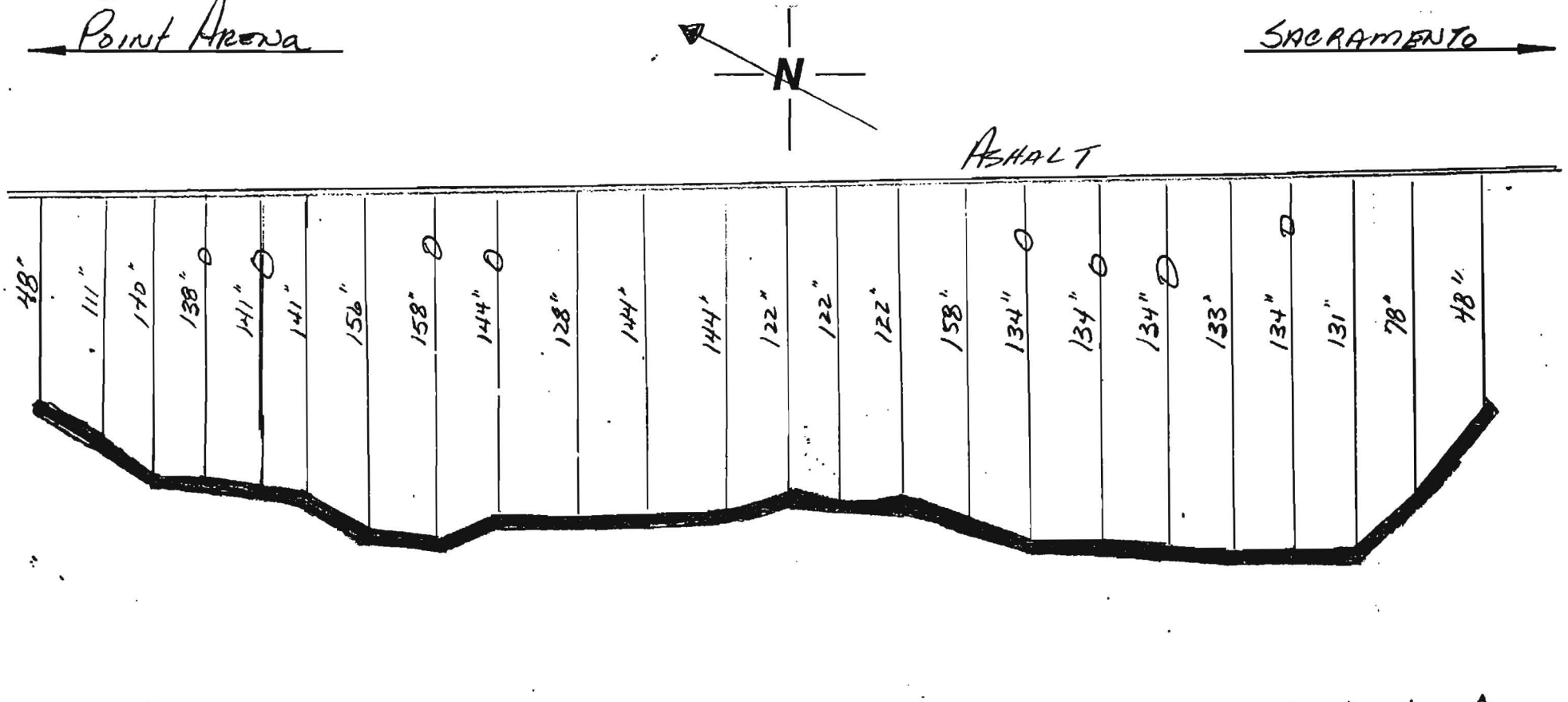
DATE:	PROJECT:	DWG/ALIGNMENT SHEET #	SPREAD #
3-29-01	99P134.11	177-178	4A



Sta # 910+72 3'½ EOC
REC BORE 48"
Sta # 911+22 9'½ EOC
WCG 111"
Sta # 911+72 9'½ EOC
WCG 140"
Sta # 912+24 138"
FIRE HYDRANT 84"
Sta # 912+67 141"
POWER X-ING 85"
Sta # 912+23 11'½ EOC
WCG 141"
Sta # 913+23 21'½ EOC
WCG 158"
Sta # 913+23 158"
ELEC X-ING 36"
Sta # 913+39 144"
SEWER X-ING 85"
Sta # 913+23 20'½ EOC
WCG 138"
Sta # 913+23
HWY 12 BEG LEG
Sta # 914+02
HWY 12 END LEG
Sta # 914+23 25 EOC
WCG 122
Sta # 914+41
BEG HWY 12 LEG
Sta # 914+82
END HWY LEG
Sta # 915+24 20'½ EOC
WCG 138"
Sta # 915+84 134"
WTR X-ING 58"
Sta # 915+86 134"
GAS X-ING 81"
Sta # 915+56 134"
TEL X-ING 68"
Sta # 916+24 3'½ EOP
WCG 133"
Sta # 916+53 134"
SEWER X-ING 39"
Sta # 916+74 12'½ ℄
WCG
Sta # 917+24 12'½ ℄
WCG
Sta # 917+58 12'½ ℄
END BORE 48"

NOTES: 6E 6' BORE PULLED 5" H.D.P.E CASING (2) 1½ (1) 1¼ H.D.P.E.	COUNTY: Sonoma	CONTRACTOR: TIDWELL
	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E	INSPECTOR: Gloria TAGOR
PAGE OF		

Williams CONSTRUCTION AS-BUILT DOCUMENTAT | 3-24-01 | 49P/154.11 | 177 - 178 | 44



NOTES: 686' BORE PULLED 5" H.D.P.E. CASING (2) 1½ (1) 1¼ H.D.P.E.

COUNTY: Sonoma

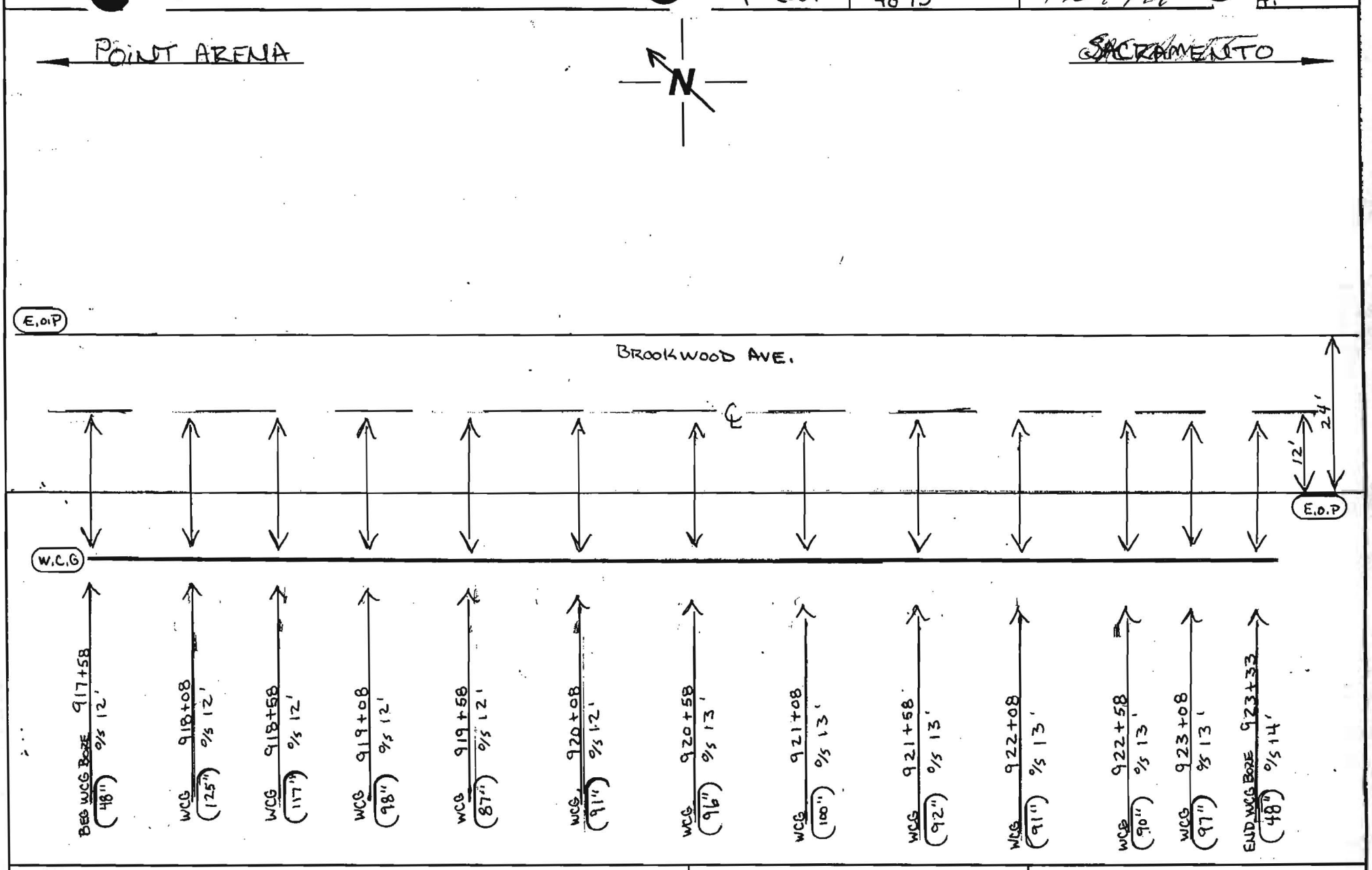
CONTRACTOR: TIDWELL

DUCT CONFIGURATION: (2) 1½ (1) 1¼ 5" H.D.P.E. CASING

INSPECTOR: GLORIA TAYLOR

PAGE OF

W[illegible]MS CONSTRUCTION AS-BUILT DOCUMENTATI[illegible]	DATE: 7-9-2001	PROJECT: 4875	DWG/ALIGNMENT SHEET #: 178 & 179	SPREAD #: A.



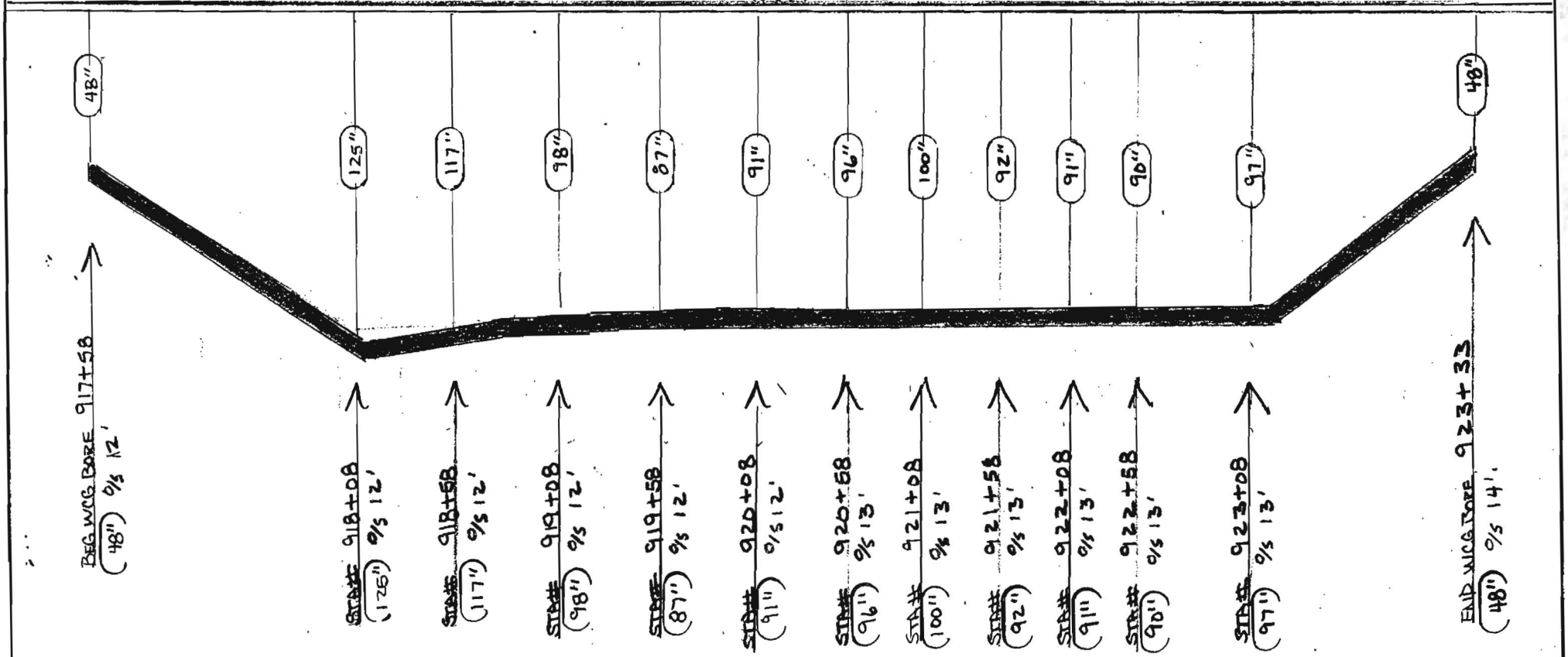
NOTES: PULLED IN 575' OF 2.11 2-1½ AND 1-1¼ HDPE	COUNTY:	CONTRACTOR: MGE UNDERGROUND - CON.
	DUCT CONFIGURATION: 1-1.5" BLUE, 1-1.5" ORANGE, 1-1.25" BLACK	INSPECTOR: CLINT SMITH
PAGE OF		

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET #	SPREAD #
1-9-2001	4875	178 AND 179	

POINT ARENA ← N → SACRAMENTO

BROOKWOOD AVE



NOTES: PULLED IN 575' OF 2.11 2-1½ AND 1-1¼ HDPE

PAGE OF

COUNTY:

DUCT CONFIGURATION:

CONTRACTOR: MGE UNDERGROUND - CON.

INSPECTOR: CLINT SMITH

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

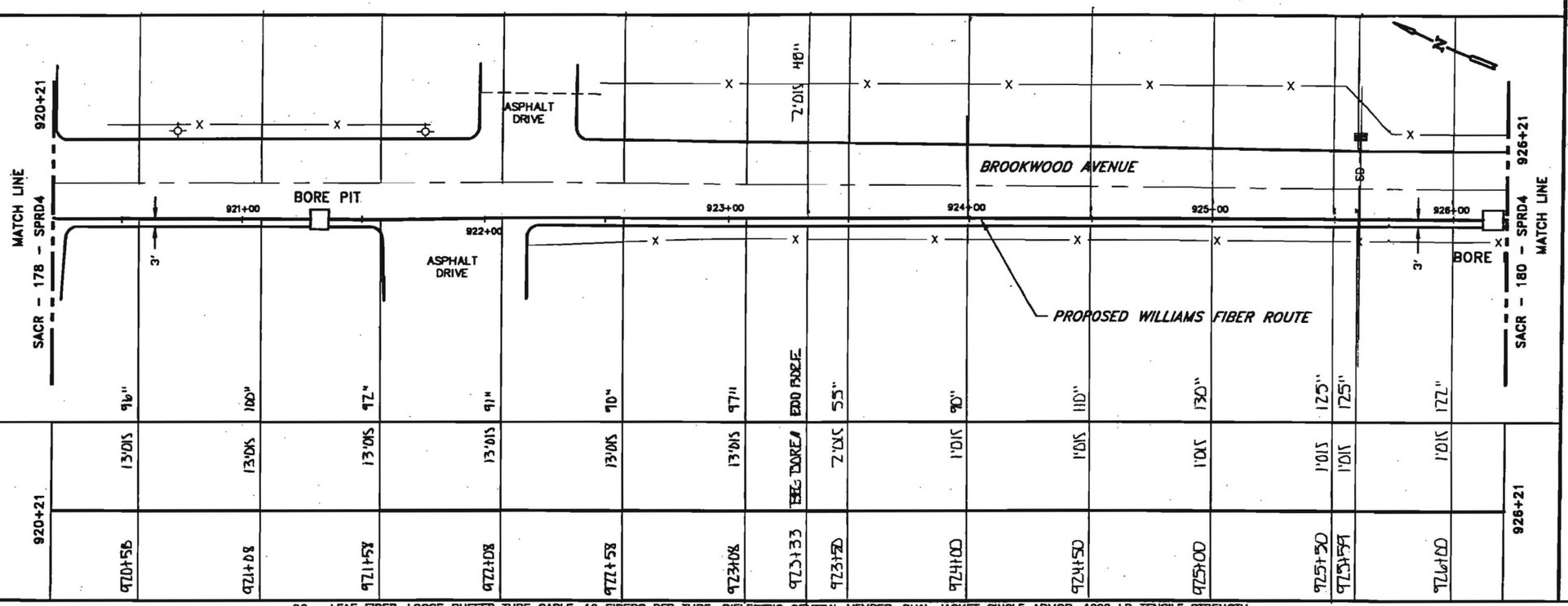
921+75 35' LT. LIGHT POLE
921+87 CL DRIVEWAY
921+97 51' LT. CULVERT
922+47 50' LT. CULVERT
925+58 STORM DRAIN
925+58 32' LT. CATCH BASIN

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
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)

920+21
923+33
312'
2-11
2-1.5" HDPE
1-1.25" HDPE
CLINT SMITH
1-9-01
MGE

923+33
926+21
285'
2-11
2-1.5" HDPE
1-1.25" HDPE
GARY BERCHTOLD
11-21-00
MGE
925+59 STORM DRAIN.

DIS TAKEN FROM EDGE OF PAVEMENT

IN BLACK 1.25" HDPE
GGA. TRACER WIRE
GLODIA TABOR
7-9-01

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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Mkr. 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
3	REVISED RUNNING LINE	MW	10/20

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

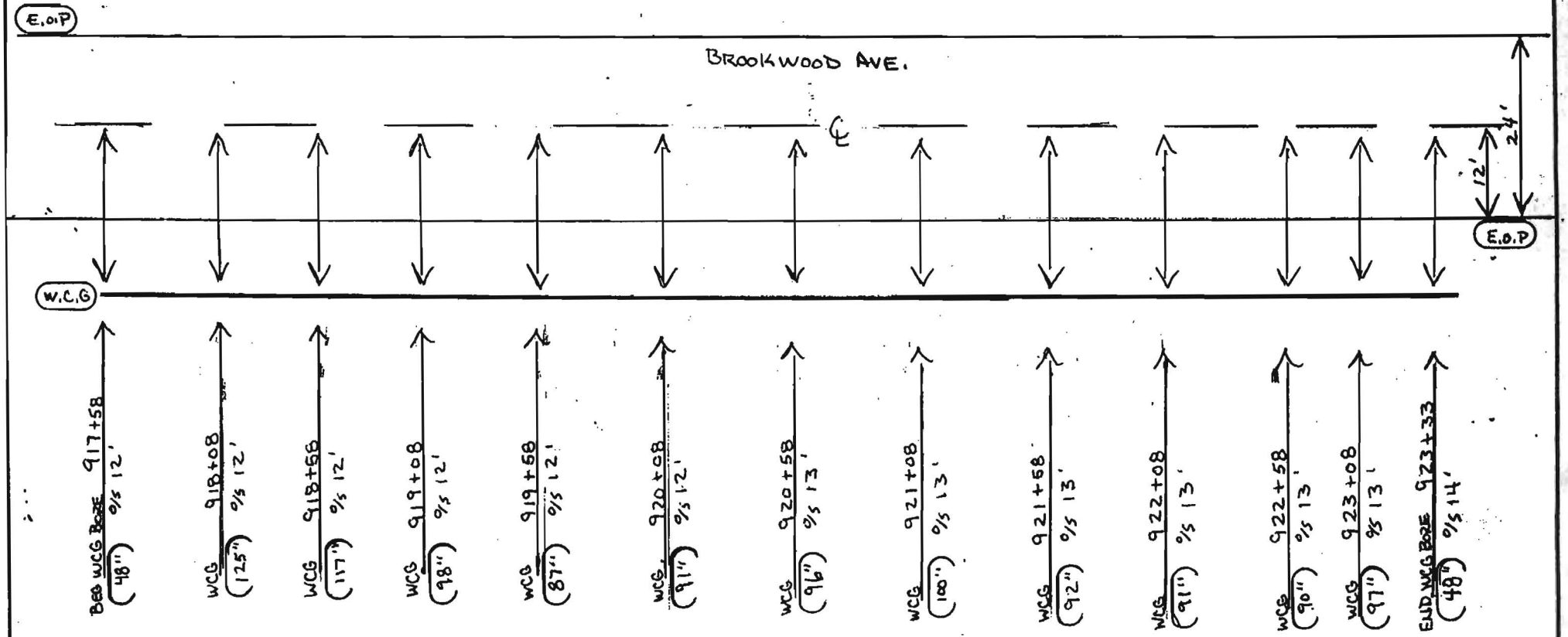
POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : DAV	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=50'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-179-SPRD4

WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION

DATE	PROJECT	DWG/ALIGNMENT SHEET #	BREAD #
7-9-2001	4875	178 & 179	2.

POINT ARENA ← N → SACRAMENTO



NOTES: PULLED IN 575' OF 2.11 2-1½ AND 1-1¼ HDPE

COUNTY:

DUCT CONFIGURATION: 1-1.5" BLUE, 1-1.5" ORANGE, 1-1.25" BLACK

CONTRACTOR: MGE UNDERGROUND - COLL.

INSPECTOR: CLINT SMITH

PAGE OF

Williams **CONSTRUCTION AS-BUILT DOCUMENTAT**

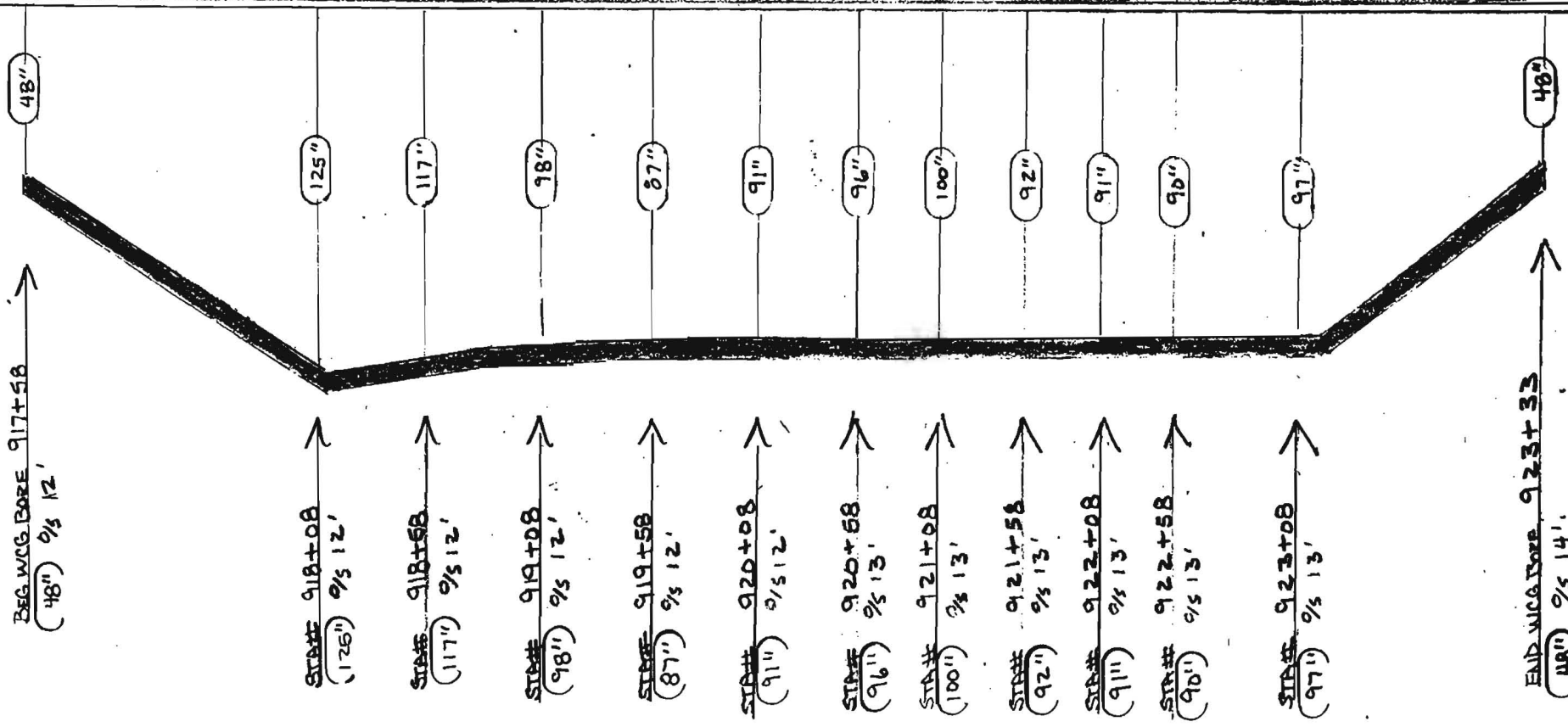
DATE	PROJECT	DWG/ALIGNMENT SHEET #	ORIG #
1-9-2001	4875	178 AND 179	

POINT ARENA

N

SACRAMENTO

BROOKWOOD AVE



NOTES: PULLED IN 575' OF 2.11 2-1½ AND 1-1¼ HDPE

COUNTY:

CONTRACTOR: MGE UNDERGROUND - CON.

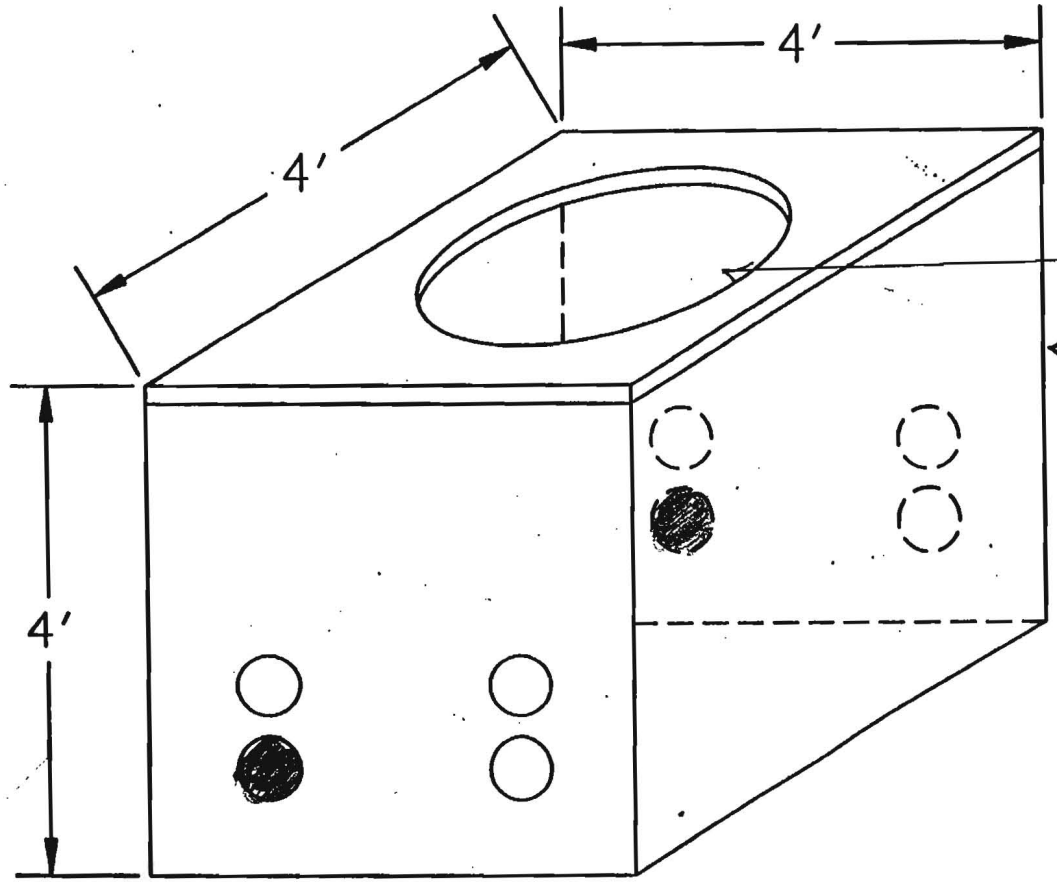
DUCT CONFIGURATION:

INSPECTOR: CLINT SMITH

PAGE OF

WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
4-2-01	99P154.11	178	4A



Sta # 917+58 12 o'clock

BROOKWOOD & BENNETT

NOTES: ENTRANCE ON ROADSIDE OF BROOKWOOD & BENNETT VALLEY RD.

PAGE OF

COUNTY: Sonoma

DUCT CONFIGURATION: (2) 1½ (1) 1¼ N.P.E.

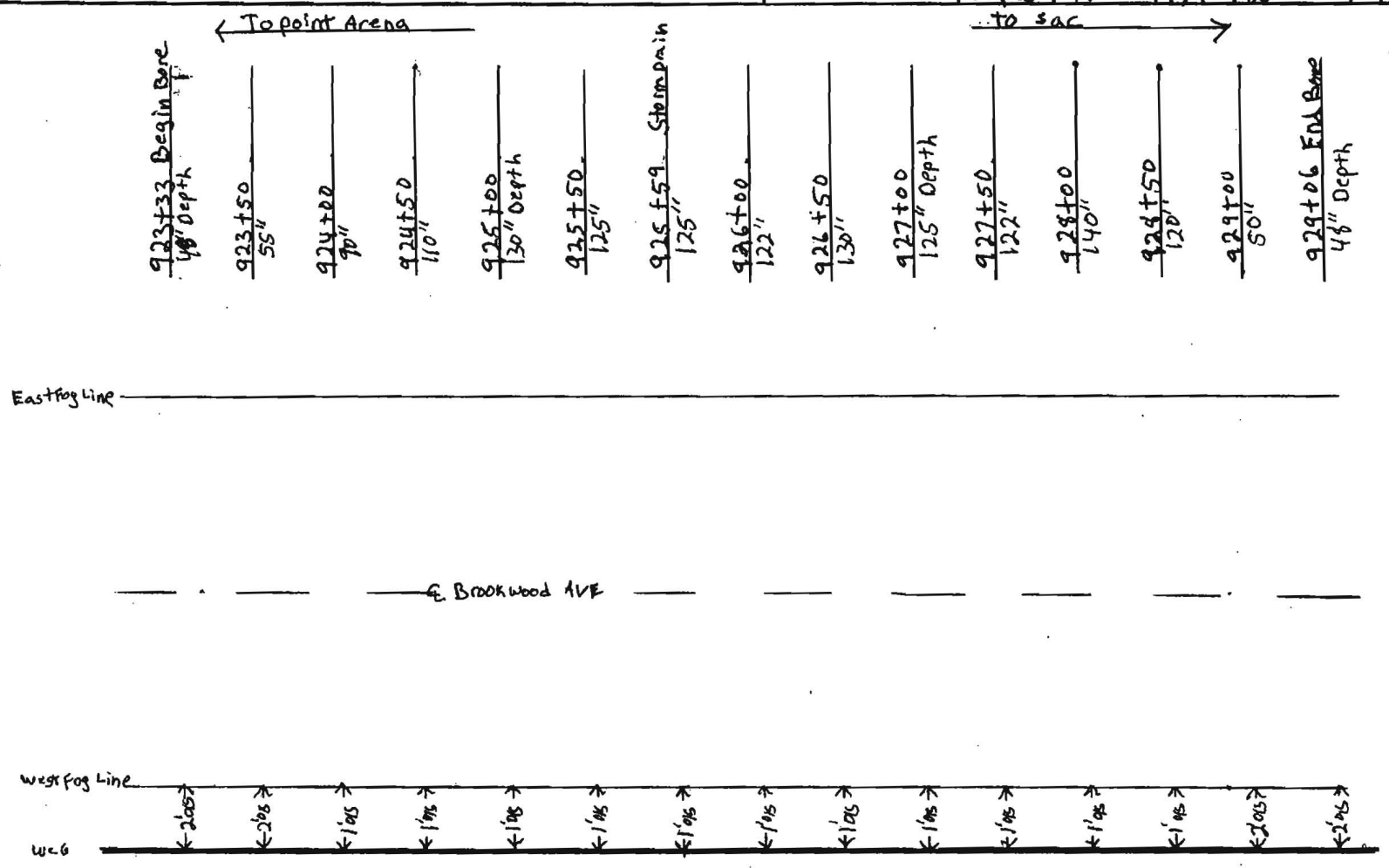
CONTRACTOR: T. DWELL

INSPECTOR: GLORIA TABOR

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-21-00	99p154-11	179-180	4A

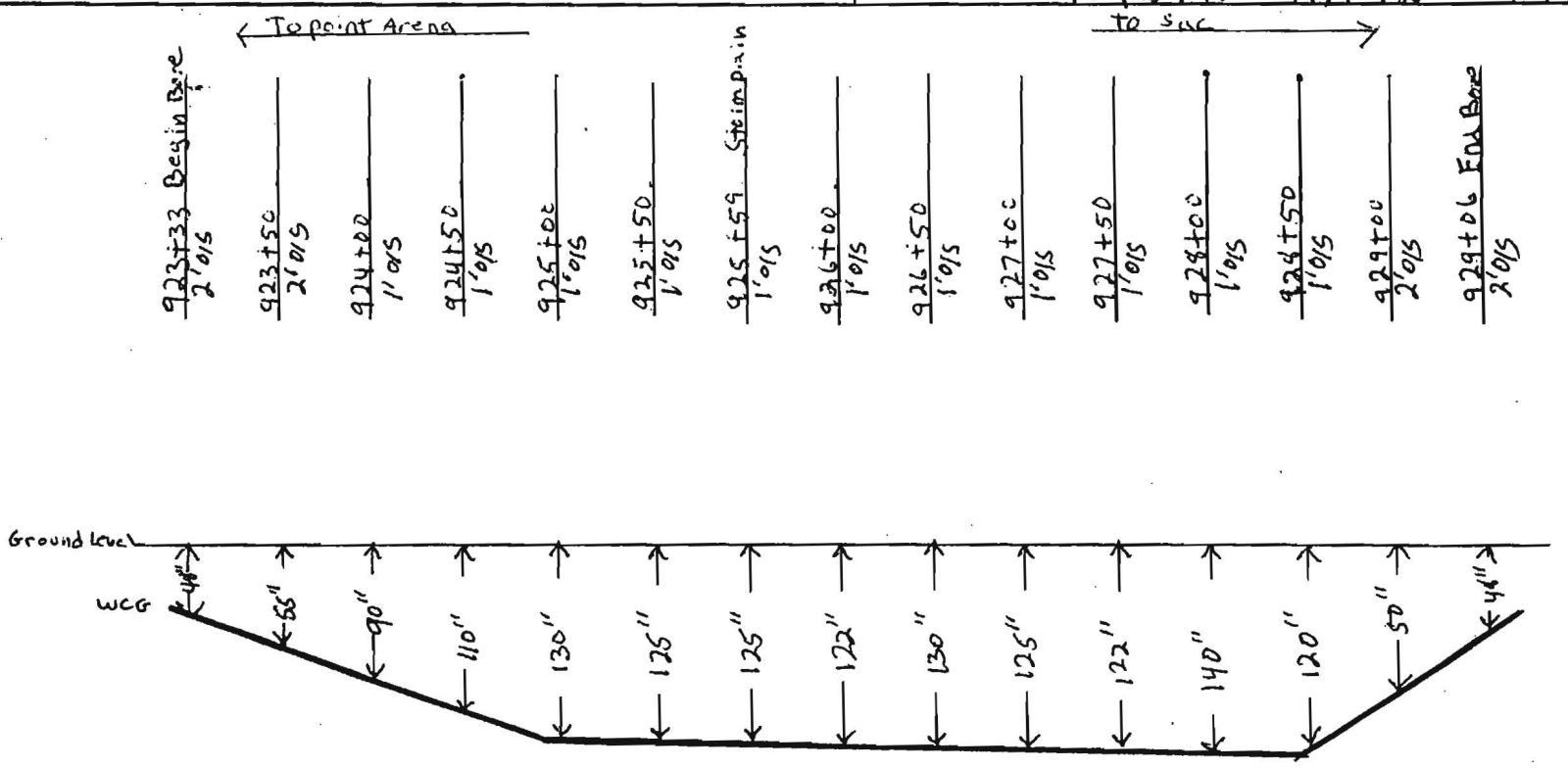


NOTES:	COUNTY:	CONTRACTOR:
	Sonoma	M G E
	DUCT CONFIGURTION:	INSPECTOR:

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-21-00	99P154-11	179-180	4A



NOTES:	COUNTY:	CONTRACTOR:
	Sonoma	M&E
	DUCT CONFIGURTION:	INSPECTOR

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

927+01 CL DRIVEWAY

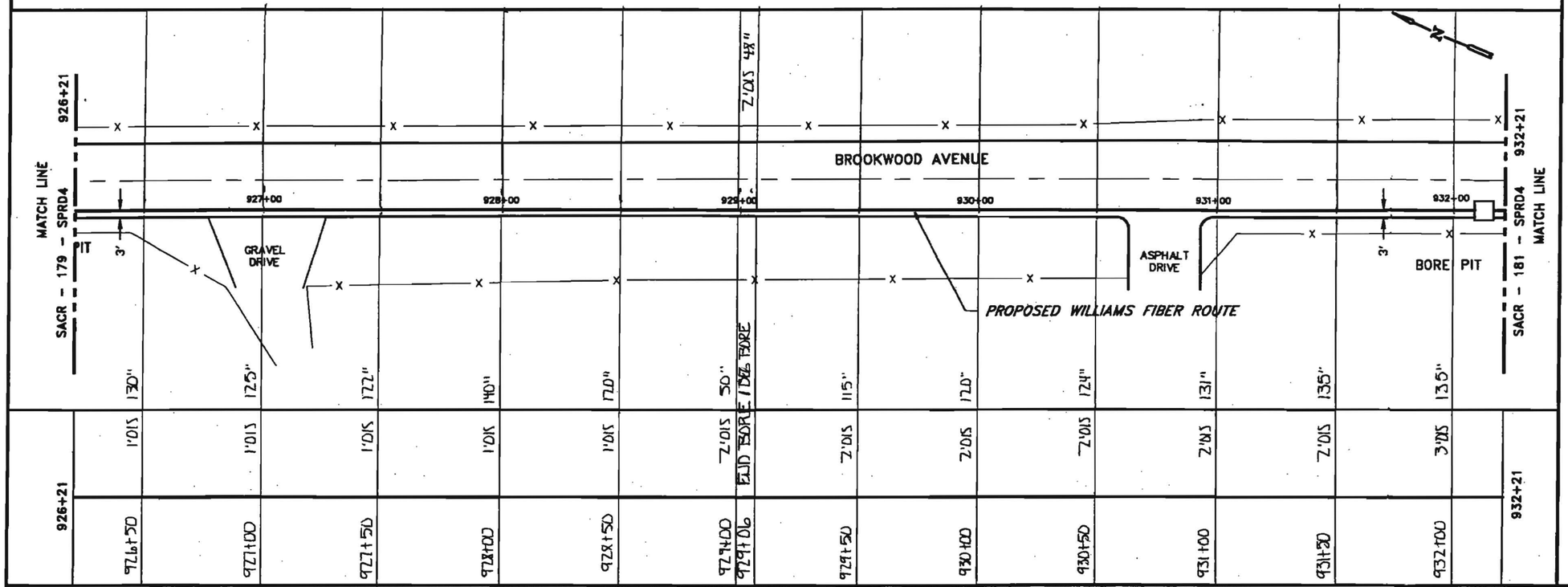
930+78 CL DRIVEWAY

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
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)

926+21
929+06
285'
2.11
2-1.5" HDPE
1-1.25" HDPE
GARY BERCHTOLD
11.21.00
MGE

929+06
932+21
315'
2-1.5" HDPE
1-1.25" HDPE
GARY BERCHTOLD
11.20.00
MGE
7.11

IN BLACK 1.25" HDPE
66A TRACER WIRE
GLORIA TABOD
7-9-01

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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- Near 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
3	REVISED RUNNING LINE	MW	10/20

CABLE DESCRIPTION
- CABLE FIBER COUNT MFR. 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

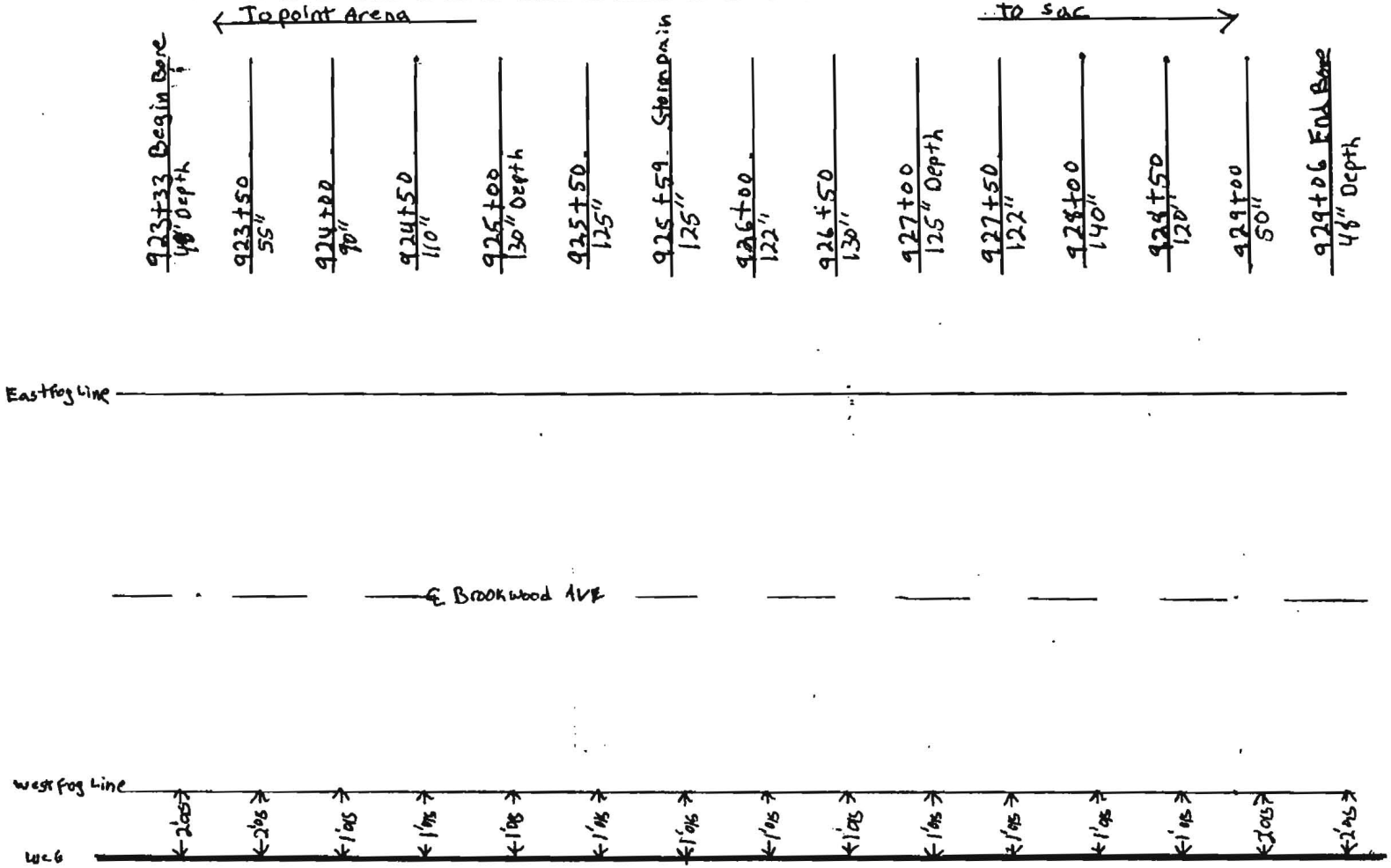
POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=50'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR–180–SPRD4

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-21-00	99Q154-11	179-180	4A

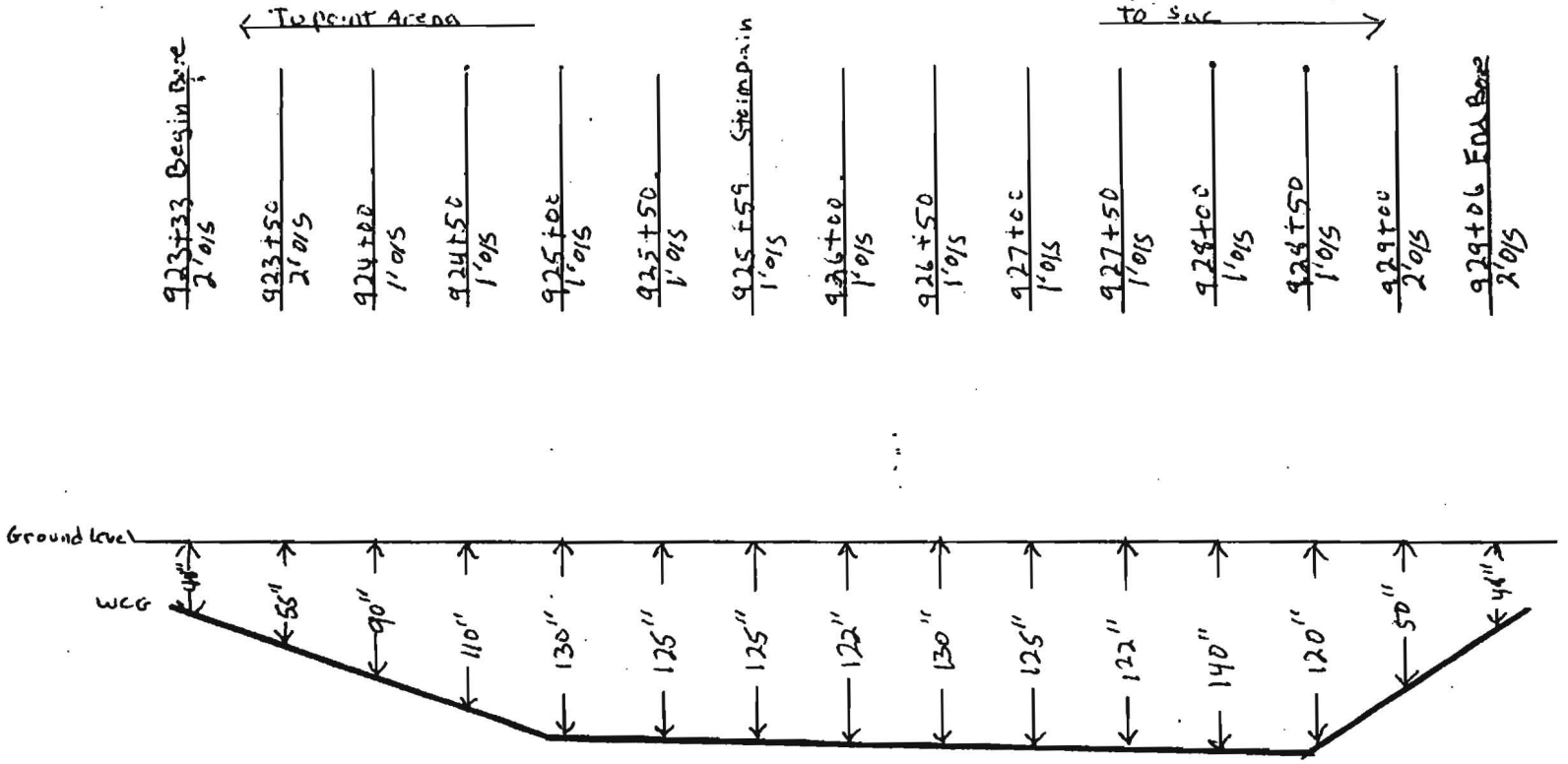


NOTES:	COUNTY:	CONTRACTOR:
	Sonoma	M&E
	DUCT CONFIGURTION:	INSPECTOR:

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-21-00	99Q154-11	179-180	4A

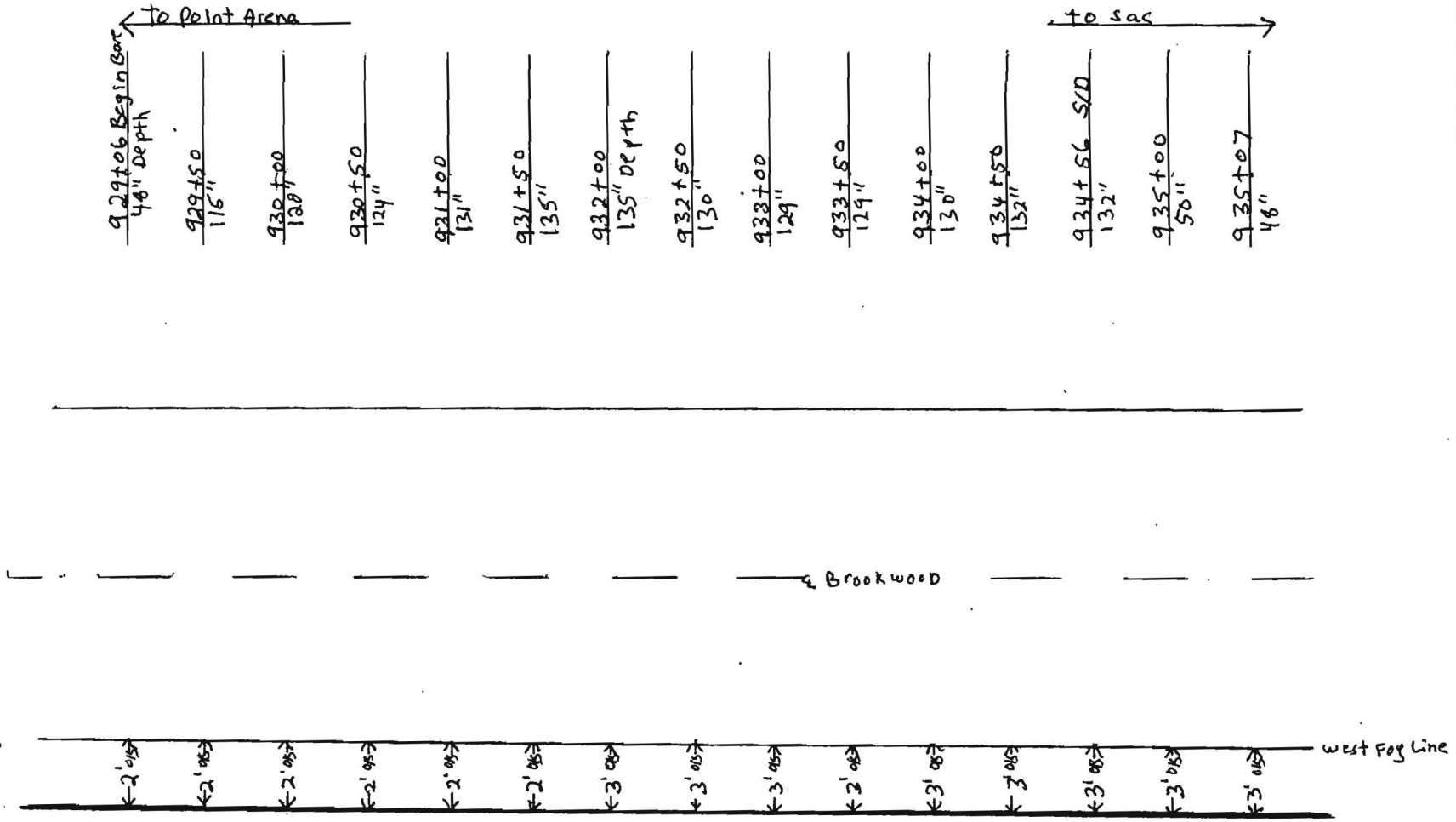


NOTES:	COUNTY:	CONTRACTOR:
	Sonoma	M&E
	DUCT CONFIGURTION:	INSPECTOR

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-20-00	99P154-11	180-181	4A



NOTES: BFF Sets From west Fog Line

COUNTY: Sonoma

CONTRACTOR: mGE

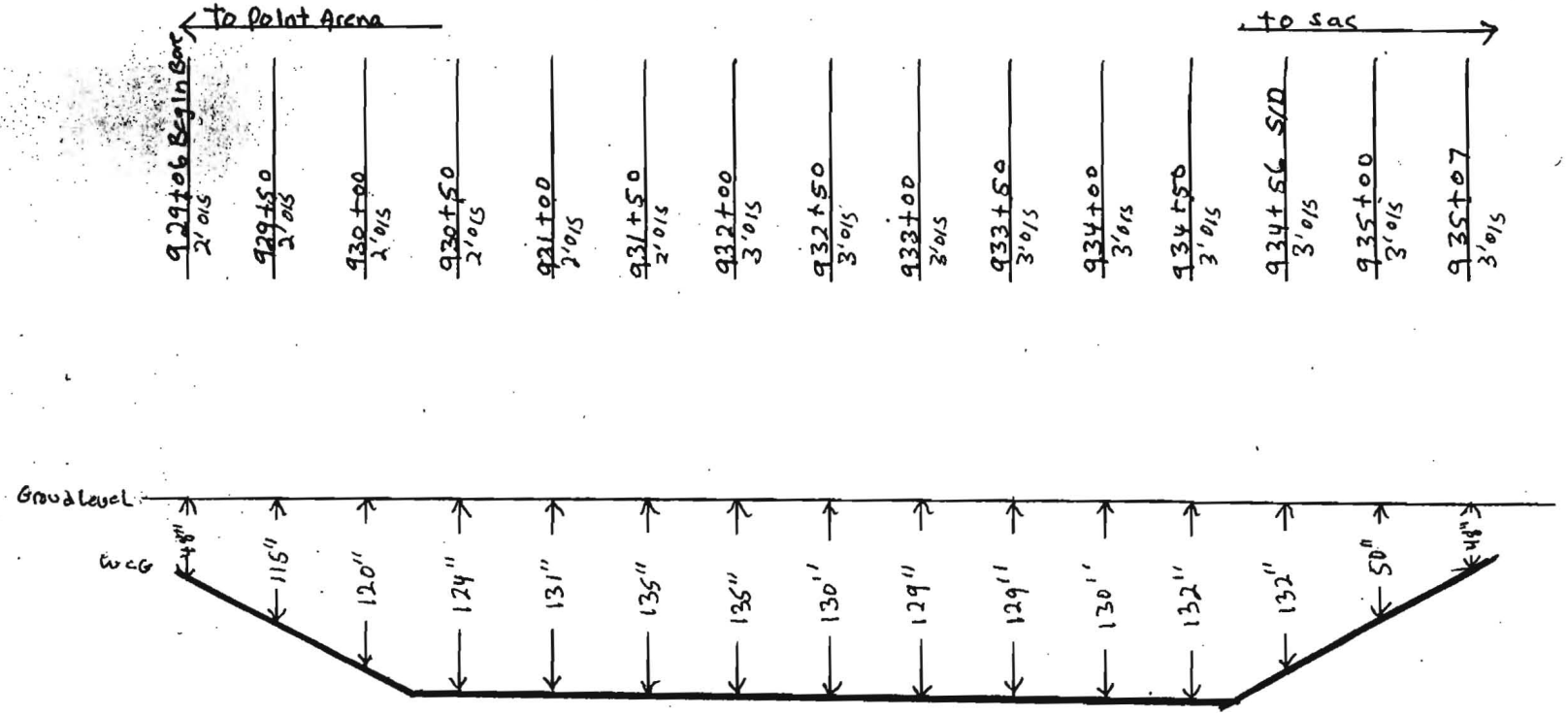
DUCT CONFIGURTION:

INSPECTOR:

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-20-00	99P154-11	180-181	4A



NOTES:	COUNTY:	CONTRACTOR:
	Sonoma	mGE
	DUCT CONFIGURTION:	INSPECTOR:

OWNERSHIP: COUNTY OF SONOMA

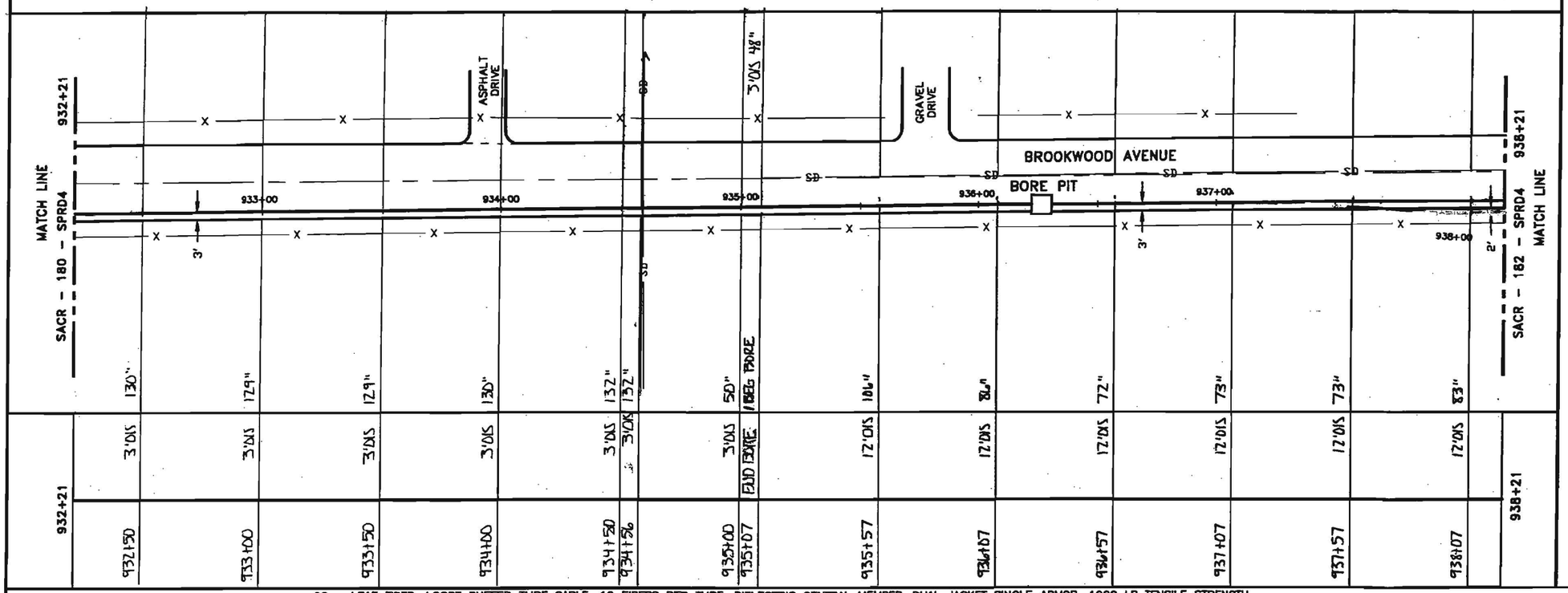
FIBER STATIONING

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



130"	129"	129"	130"	132"	132"	50"	108"	84"	72"	73"	73"	83"	
3'OLS	3'OLS	3'OLS	3'OLS	3'OLS	3'OLS	3'OLS	12'OLS	12'OLS	12'OLS	12'OLS	12'OLS	12'OLS	
932+21	932+50	933+00	933+50	934+00	934+50	934+56	935+00	935+07	935+57	936+07	936+57	937+07	937+57	938+07	938+21

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

932+21
935+07
28'
2.11
2-1.5" HDPE
1-1.25" HDPE
GARY BERCHTOLD
11-20-00
MGE
934+26 SEDER

← OLS TAKEN FROM EDGE OF PAVEMENT

IN BLACK 1.25 HDPE
6GA TRACER WIRE
GLORIA TABOR
7-9-01

935+07
938+21
314'
2.11
2-1.5" HDPE
1-1.25" HDPE
GLORIA TABOR
1-8-00
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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the county.

AID CAD

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- New Fiber Cable
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- City Limits
- R/W Line
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- CL Road
- CL RR Tracks
- Fence
- Oil Pipeline
- Gas Pipeline
- Power Line
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- San. Sewer
- Storm Drain
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- BI.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
- 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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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
3	REVISED RUNNING LINE	MW	10/20

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

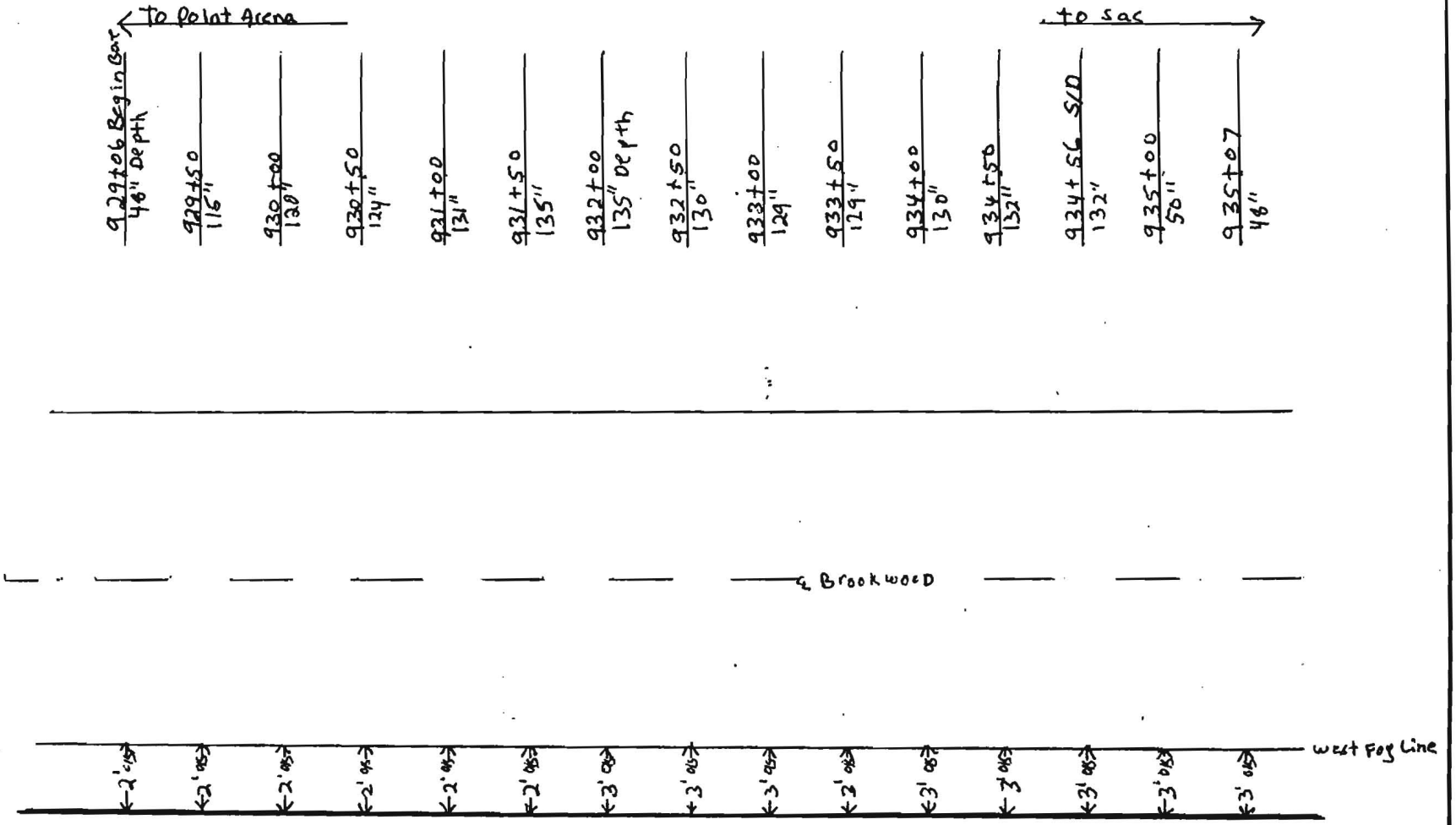
DRAWN BY :	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=50'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	

DRAWING NUMBER : SACR-181-SPRD4

Williams

CONSTRUCTION AS-BUILT DOCUMENTATION

	PROJECT #	DWG/ALIGNMENT SHEET #	SPREAD #
11-20-00	99P154-11	180-181	4A



NOTES: BFF Sets From west Fog Line

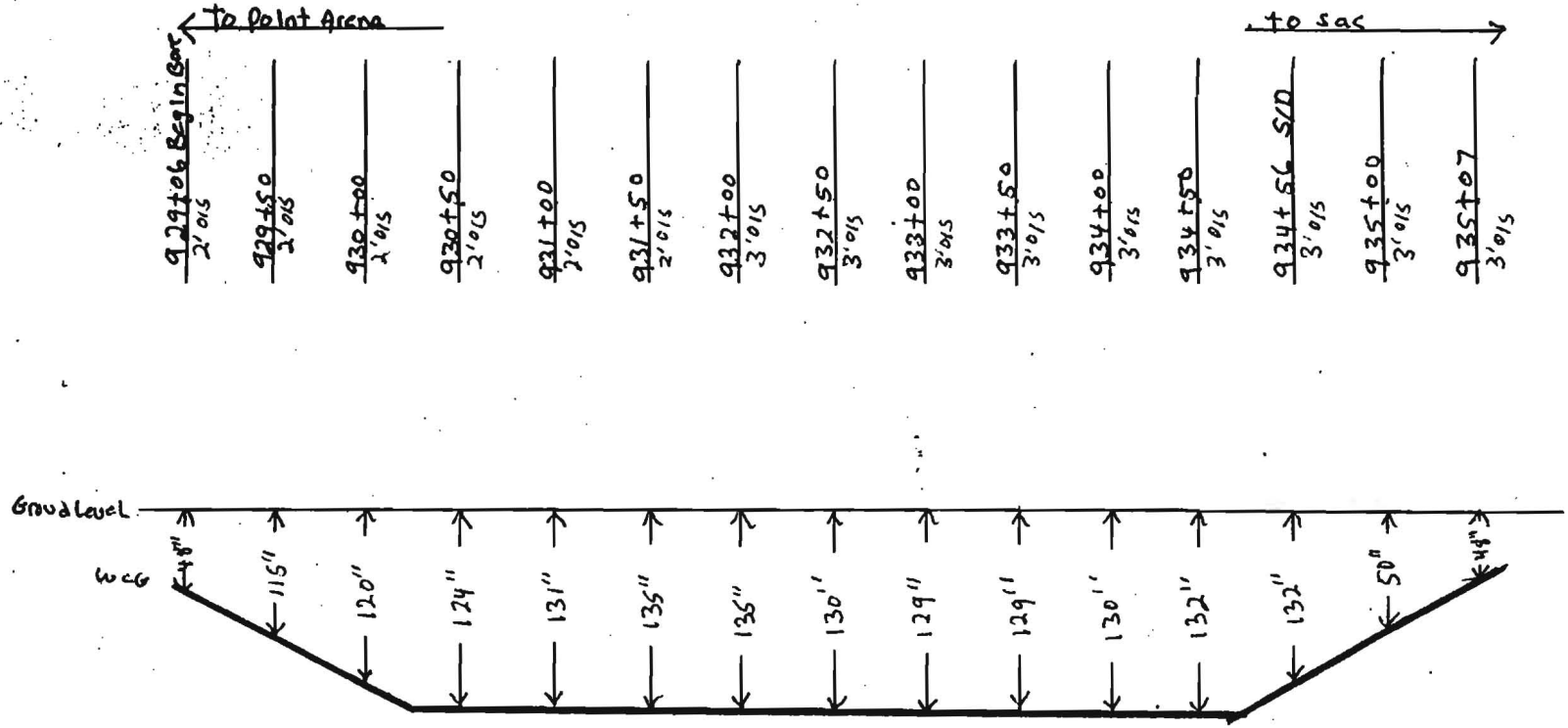
COUNTY: Sonoma

DUCT CONFIGURTION:

CONTRACTOR: MGE

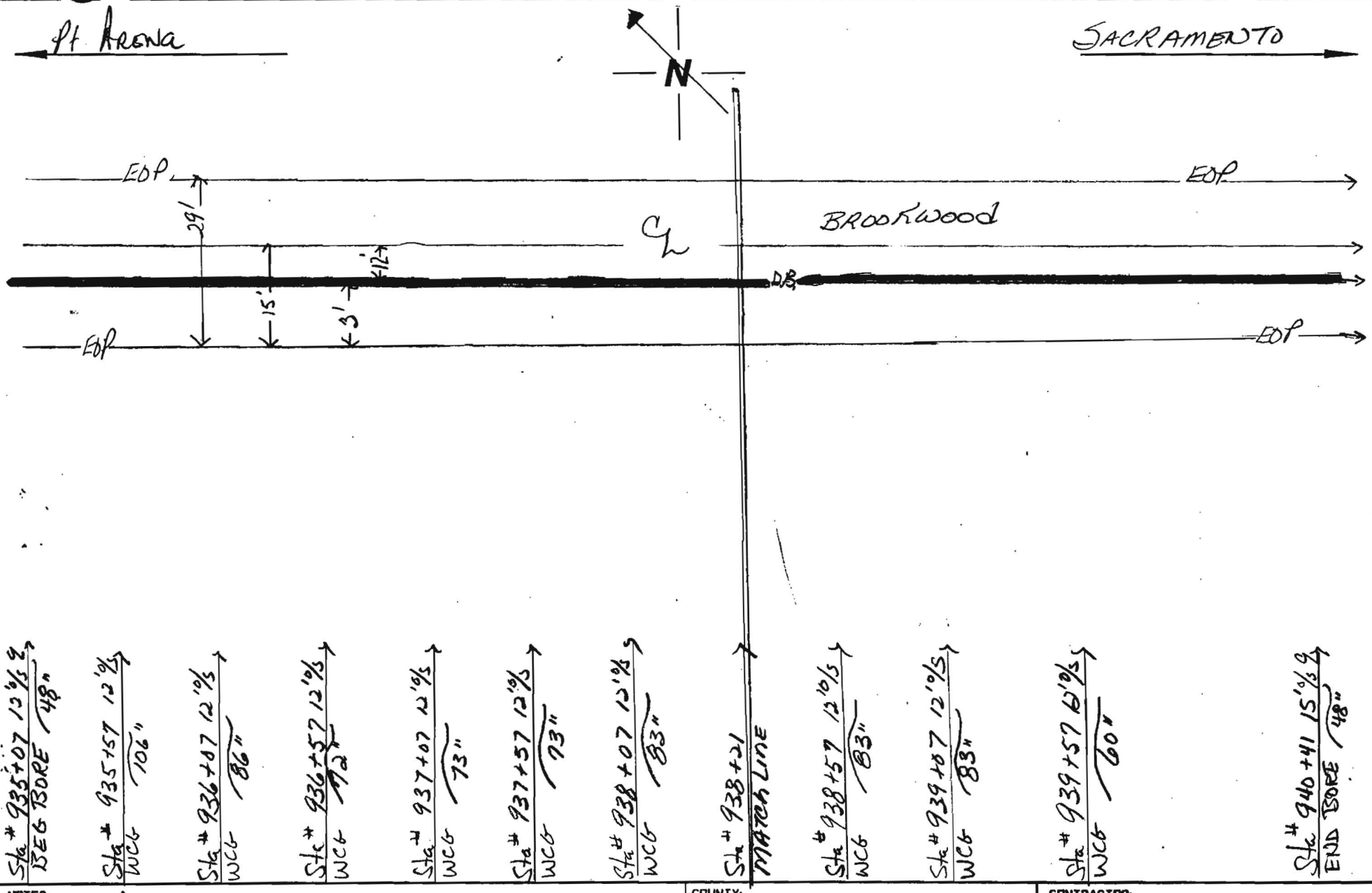
INSPECTOR:

Williams	CONSTRUCTION AS-BUILT DOCUMENTATION	11-20-00	PROJECT # 99P154-11	DWG/ALIGNMENT SHEET # 180-181	SPREAD # 4A



NOTES:	COUNTY: Sonoma	CONTRACTOR: MGE
	DUCT CONFIGURTION:	INSPECTOR:

NORTHSTAR CONSTRUCTION AS-BUILT DOCUMENTATION	DATE: 1-8-00	PROJECT: 99P154.11	DWG/ALIGNMENT SHEET#: 181-182	SPREAD #: 4A

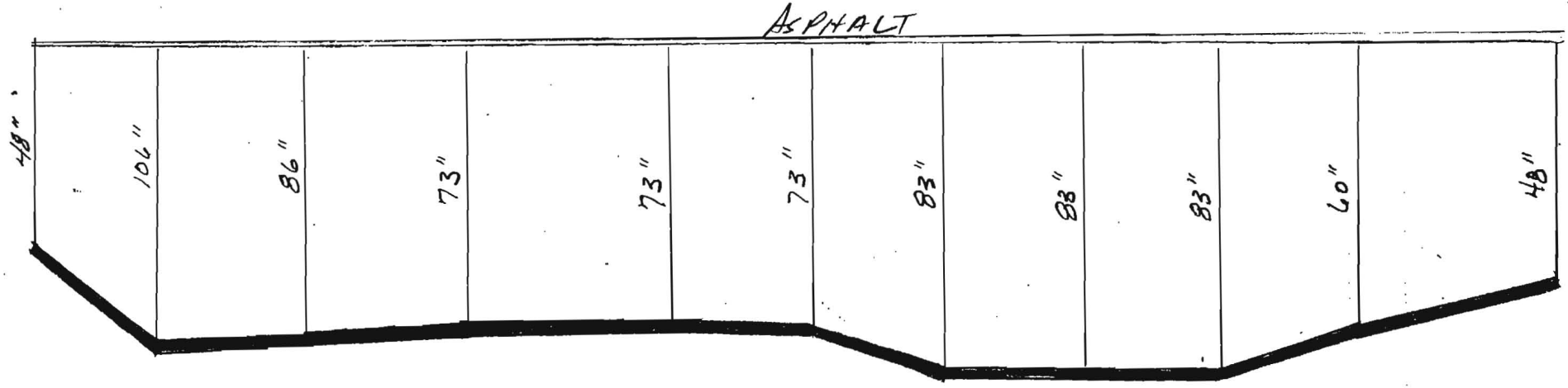


NOTES:	COUNTY:	CONTRACTOR:
534' BORE	Sonoma	MGE
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E	INSPECTOR: GLORIA TABOR

Williams **CONSTRUCTION AS-BUILT DOCUMENTATION**

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#:	SPREAD #:
1-8-00	99P154.11	181 - 182	4A

Pt. Arena ← N → Sacramento



Sta # 935+07 12½ BEG BORE 48"

Sta # 935+57 12½ WC6 106"

Sta # 936+07 12½ WC6 86"

Sta # 936+57 12½ WC6 73"

Sta # 937+07 12½ WC6 73"

Sta # 937+57 12½ WC6 73"

Sta # 938+07 12½ WC6 83"

Sta # 938+57 12½ WC6 83"

Sta # 939+07 12½ WC6 83"

Sta # 939+57 12½ WC6 60"

Sta # 940+41 15½ END BORE 48"

NOTES:

534' BORE

PAGE OF

COUNTY: Sonoma

DUCT CONFIGURATION: (2) 1½ (1) 1¼

CONTRACTOR: MGE

INSPECTOR: GLORIA TABOR

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

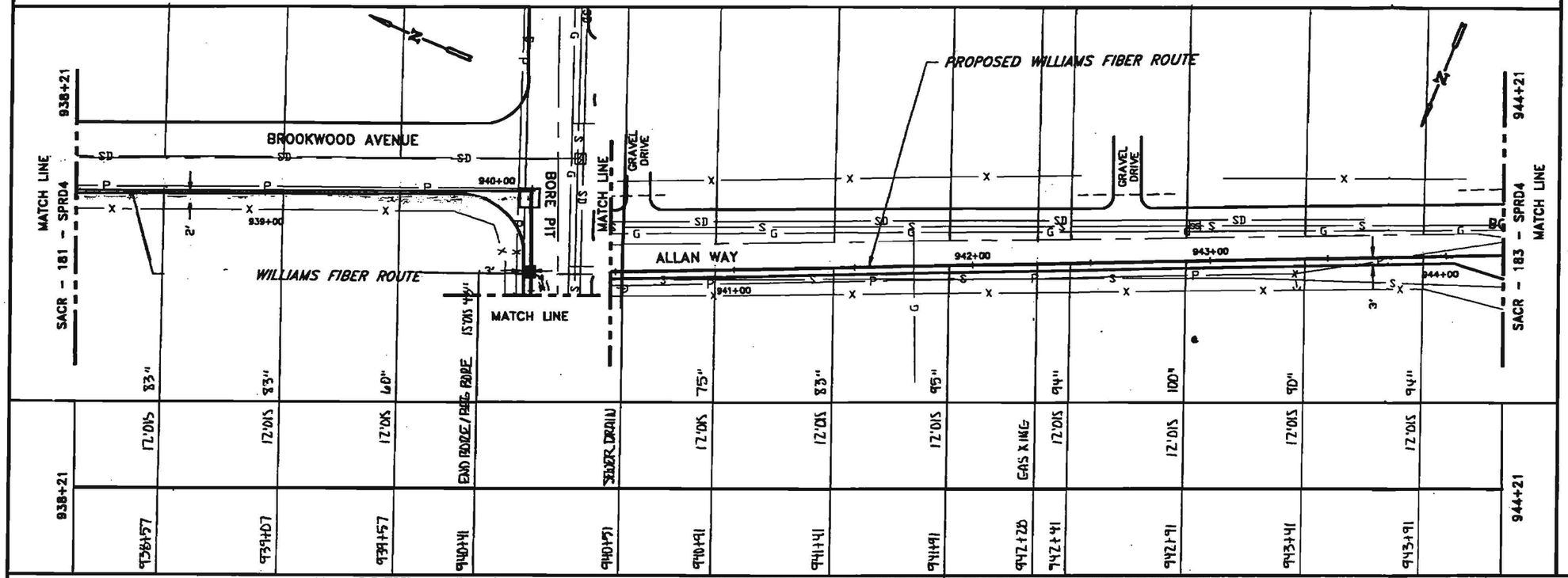
940+08 SEWER LINE | 940+33 5' RT. POWER POLE | 940+54 7' RT. GUY, 940+61 LIKE MANHOLE, GLORIA TABOR 1-16-01 | 941+75 GAS LINE | 942+83 14' LT. SANITARY MH | 943+35 8' RT. POWER POLE, 943+36 13' RT. GUY | 944+05 27' LT. CULVERT

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



938+21	17.0'/5	17.0'/5	17.0'/5	END RIDGE / BEG. RIDGE	SLIDER DRAIN	17.0'/5	17.0'/5	17.0'/5	GAS X-ING	17.0'/5	17.0'/5	17.0'/5	17.0'/5		944+21		
	938+57	939+07	939+57	940+41	940+71	941+41	941+41	941+41	942+25	942+41	942+91	943+41	943+91				
	83"	83"	60"	ISTAS 4th		75"	83"	95"		94"	100"	90"	94"				

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" BLUE, 1-1.5" HDPE ORANGE

938+21		941+41
941+41		944+21
220'		380'
7.11 2-1.5" HDPE 1-1.25" HDPE GLORIA TABOR 1-8-00 MGE	IN BLACK 1.25" HDPE GEA. TRACER WIRE GLORIA TABOR 7-5-01	7.11 2-1.5" HDPE 1-1.25" HDPE GLORIA TABOR 1-11-01 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.
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5. Areas under pavement will be bored unless other methods are approved by the county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Mist. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- CL Road
- CL RR Tracks
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- Oil Pipeline
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- 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

1-800-362-9089

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
3	REVISED RUNNING LINE	MW	10/20

CABLE FIBER COUNT MFR. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
CONDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & CONDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE USE PLACE
FUTURE-3	
FUTURE-4	

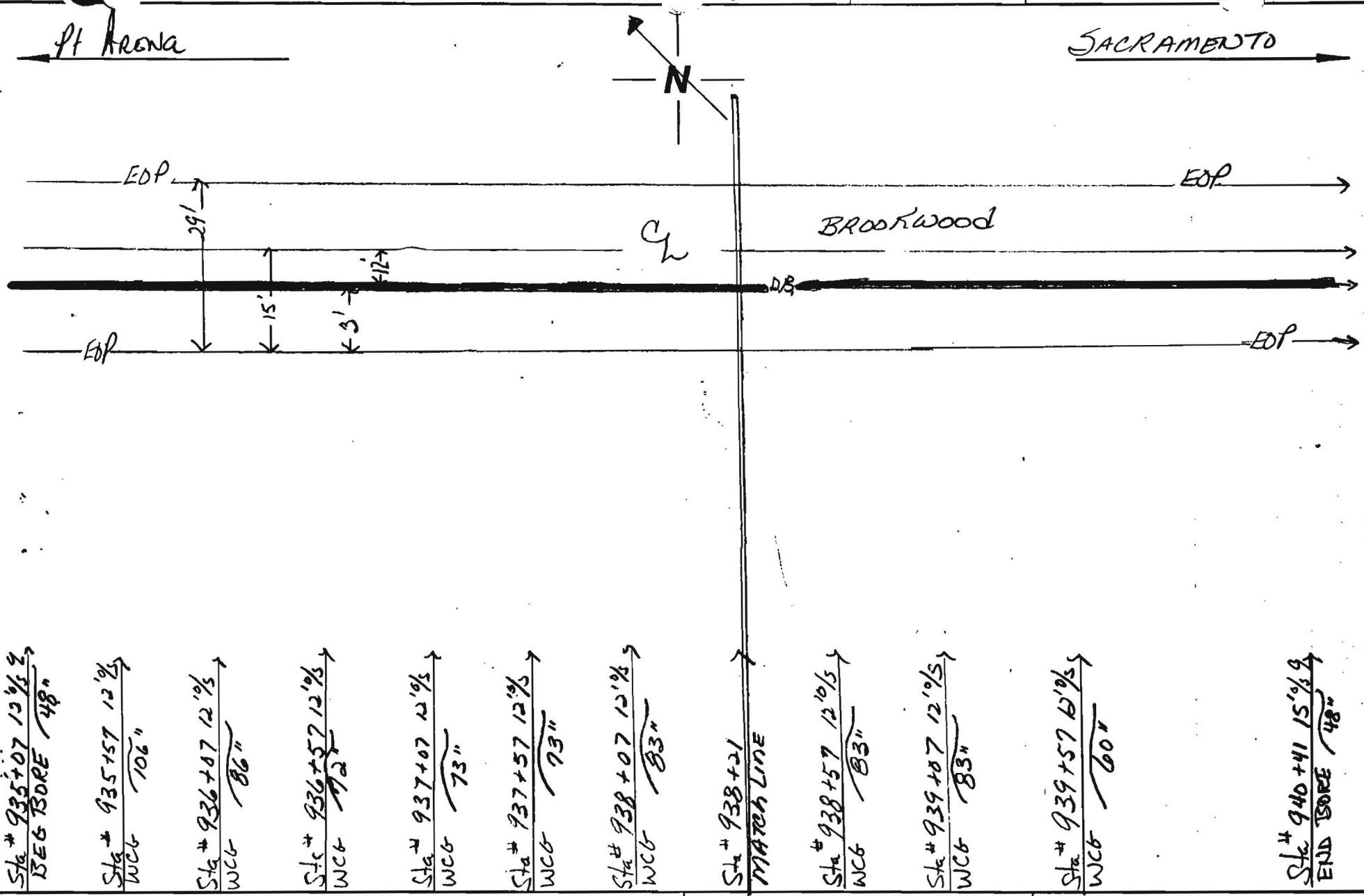
COMMUNICATIONS GROUP
Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : BAY	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
APE : 4113	LOC. CODE :
HORIZONTAL SCALE (PWR & FIBR) :	1"=50'
VERTICAL SCALE (PWR) :	
VERTICAL SCALE (FIBR) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-182-SPRD4

W[illegible]MS CONSTRUCTION AS-BUILT DOCUMENTATI[illegible]

DATE:	PROJECT:	DWG/ALIGNMENT SHEET #	SPREAD #
1-8-00	99P154.11	181 - 182	4A



NOTES:

534' BORE

PAGE OF

COUNTY: Sonoma

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E

CONTRACTOR: MGE

INSPECTOR: GLORIA TABOR

W[illegible]MS CONSTRUCTION AS-BUILT DOCUMENTATI[illegible]

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
1-8-00	99P154.11	181 - 182	NA

Pt Arena

N

SACRAMENTO

ASPHALT

48" | 106" | 86" | 73" | 73" | 73" | 83" | 83" | 83" | 60" | 48"

Sta # 935+07 12'½ BEG BORE 48"

Sta # 935+57 12'0½ WC6 106"

Sta # 936+07 12'½ WC6 86"

Sta # 936+57 12'½ WC6 73"

Sta # 937+07 12'0½ WC6 73"

Sta # 937+57 12'0½ WC6 73"

Sta # 938+07 12'0½ WC6 83"

Sta # 938+57 12'0½ WC6 83"

Sta # 939+07 12'0½ WC6 83"

Sta # 939+57 12'0½ WC6 60"

Sta # 940+41 15'0½ END BORE 48"

NOTES:

534' BORE

PAGE OF

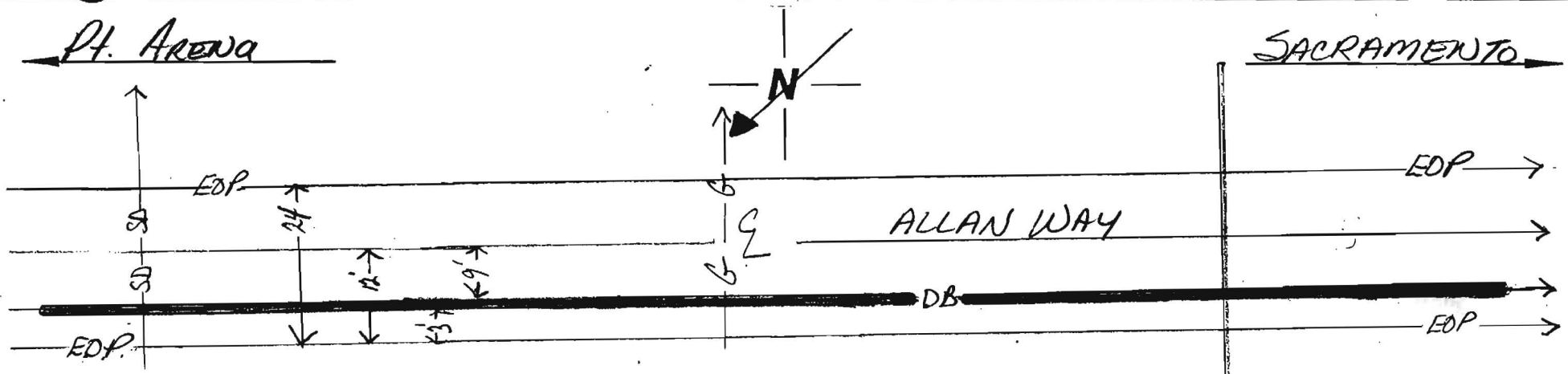
COUNTY: Sonoma

DUCT CONFIGURATION: (2) 1½ (1) 1¼

CONTRACTOR: MGE

INSPECTOR: GLORIA TABOR

Williams CONSTRUCTION AS-BUILT DOCUMENTATION	DATE: 1-11-00	PROJECT: 99P154.11	DWG/ALIGNMENT SHEET #: 182-183	SPREAD #: 4A



Sta # 946+41 15°/s ℄ Beg Bore 48"

Sta # 946+51 12.5°/s ℄ Sewer Drain X-ing 24" DD. 60" 36"

Sta # 940+91 12.5°/s ℄ WC6 75"

Sta # 941+41 12°/s ℄ WC6 83"

Sta # 941+91 12°/s ℄ WC6 95"

Sta # 942+28 92" Gas X-ing 1" 28"

Sta # 942+41 12°/s ℄ WC6 94"

Sta # 942+91 12°/s ℄ WC6 100"

Sta # 943+41 12°/s ℄ WC6 90"

Sta # 943+91 12°/s ℄ WC6 94"

Sta # 944+21 Match Line

Sta # 944+41 12°/s ℄ WC6 106"

Sta # 944+87 12.5°/s ℄ End Bore 48"

NOTES: 446' BORE

PAGE OF

COUNTY: Sonoma

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

CONTRACTOR: MBE.

INSPECTOR: Gloria Tabor

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#:	SPREAD #:
1-11-00	99P154.11	182-183	4A

Pt. Arena

N

Sacramento

Asphalt

48" 69" 75" 83" 95" 92" 94" 100" 90" 106" 48"

Sta # 940+41 15'8 ℄ BEG BORE (48")

Sta # 940+51 12'8 ℄ SEWER D x-ING 20'32" (69")

Sta # 940+91 12'8 ℄ WCB (75")

Sta # 941+41 13'8 ℄ WCB (83")

Sta # 941+91 13'8 ℄ WCB (95")

Sta # 942+28 (92") BASX-ING 1" (28")

Sta # 942+41 13'8 ℄ WCB (94")

Sta # 942+91 13'8 ℄ WCB (100")

Sta # 943+41 12'8 ℄ WCB (90")

Sta # 944+41 12'8 ℄ WCB (106")

Sta # 944+87 12'8 ℄ END BORE (48")

NOTES:

446' BORE

PAGE OF

COUNTY: Sonoma

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E

CONTRACTOR: MGE.

INSPECTOR: GLORIA TABOR.

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

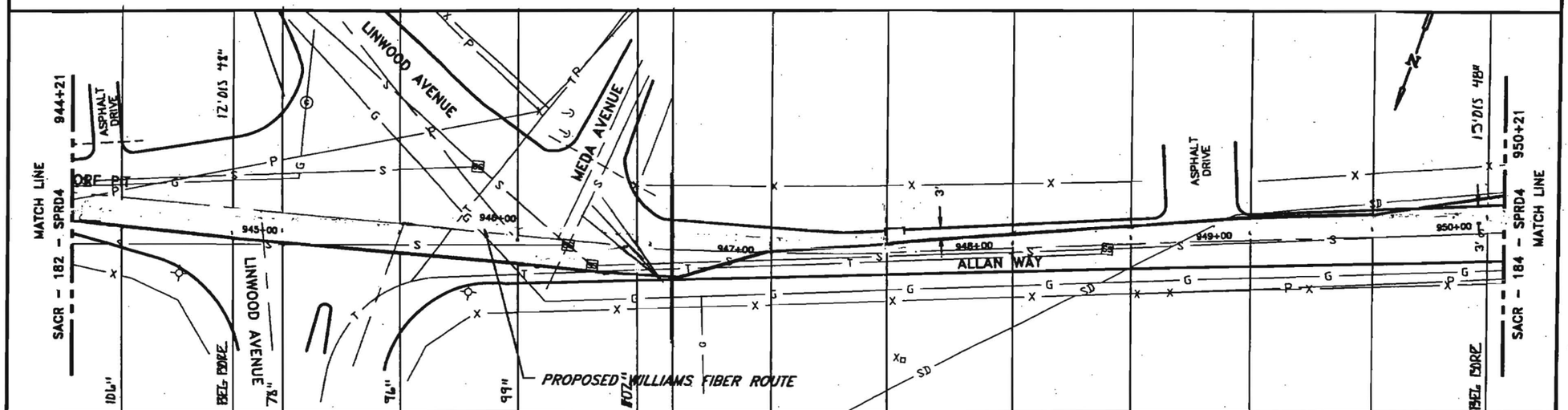
944+49 29' LT. CULVERT
944+86 24' RT. LIGHT POLE
945+02 40' LT. WATER VALVE
945+17 48' LT. WATER VALVE
945+82 TEL. LINE
945+89 27' RT. LIGHT POLE
945+91 GAS LINE
945+91 24' LT. SANITARY MH
946+15 48' LT. POWER POLE
946+28 WATER LINE
946+28 38' LT. GUY
946+29 5' RT. SANITARY MH
946+29 48' LT. GUY
946+32 SEWER LINE
946+34 13' LT. WATER VALVE
946+34 33' RT. WATER METER
946+40 14' RT. SANITARY MH
946+52 24' RT. WATER METER
947+65 49' RT. POWER POLE
947+68 51' RT. UTILITY BOX
948+54 8' RT. SANITARY MH
948+67 27' RT. POWER POLE
948+95 CL DRIVEWAY
949+02 STORM DRAIN
948+83 28' RT. FIRE HYDRANT
949+85 15' RT. WATER VALVE
949+79 15' RT. WATER VALVE

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
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

944+21		944+87	950+14
944+87		950+14	950+21
66'		527'	7'
Z.11 2-1.5" HDPE 1-1.25" HDPE GLORIA TAADR 1_11_00 MGE	IN BLACK 1.25" HDPE CGA - TRACER WIRE GLORIA TACOR 7-9-01	Z.11 2-1.5" HDPE 1-1.25" HDPE GLORIA TAADR 1_16_01 MGE	Z.11 2-1.5" HDPE 1-1.25" HDPE GLORIA TAADR 1_9_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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Mile. Road Sign
- Non 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
- Region Site
- P.O.P./Int.
- 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
3	REVISED RUNNING LINE	MW	10/20

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

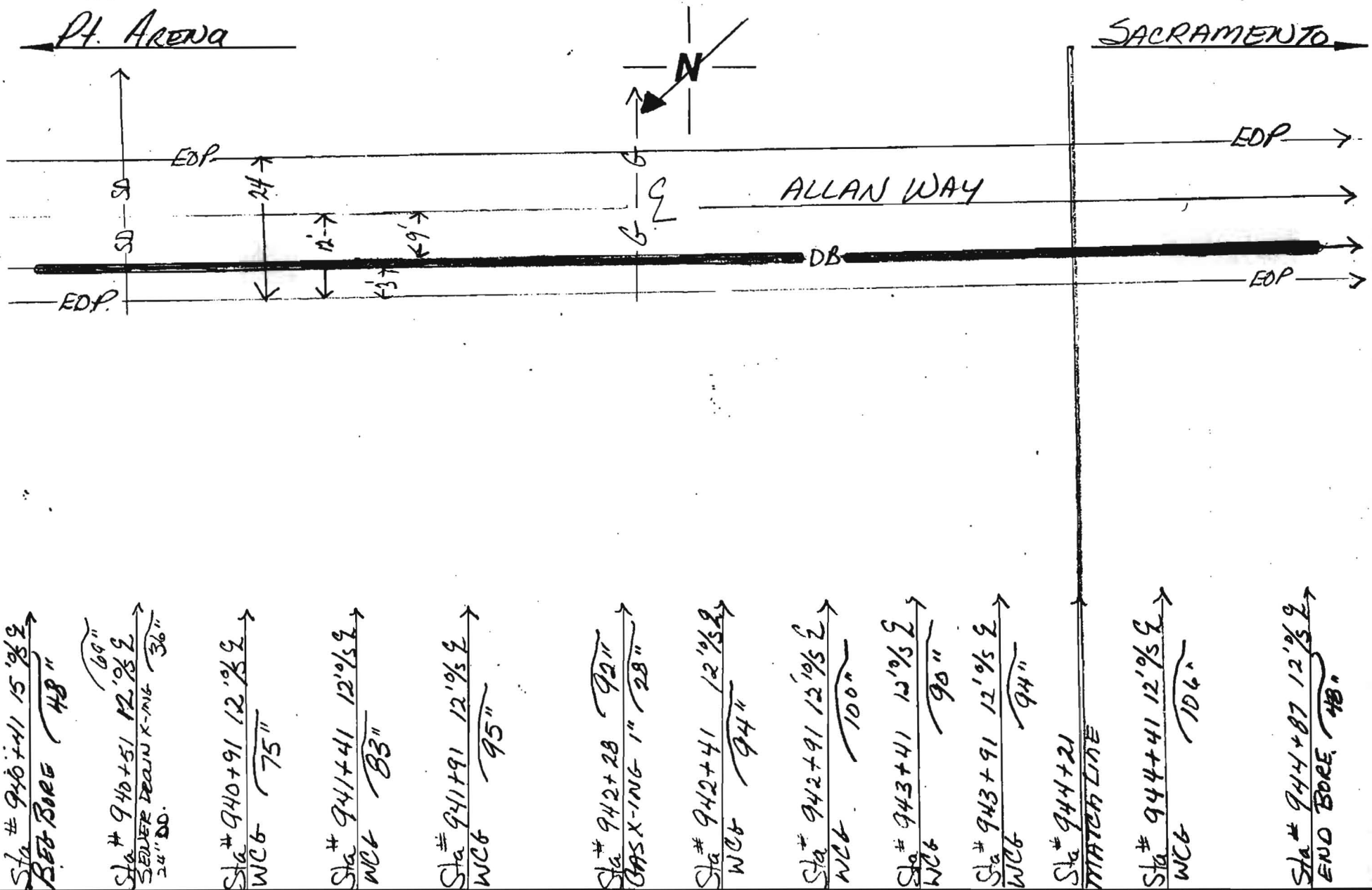
WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=50'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-183-SPRD4

W[illegible]ms CONSTRUCTION AS-BUILT DOCUMENTATI[illegible]

DATE:	PROJECT:	DWG/ALIGNMENT SHEET #	SPREAD #
1-11-00	99P154.[illegible]	182 - 183	4A



NOTES:

446' BORE

PAGE OF

COUNTY: SONOMA

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

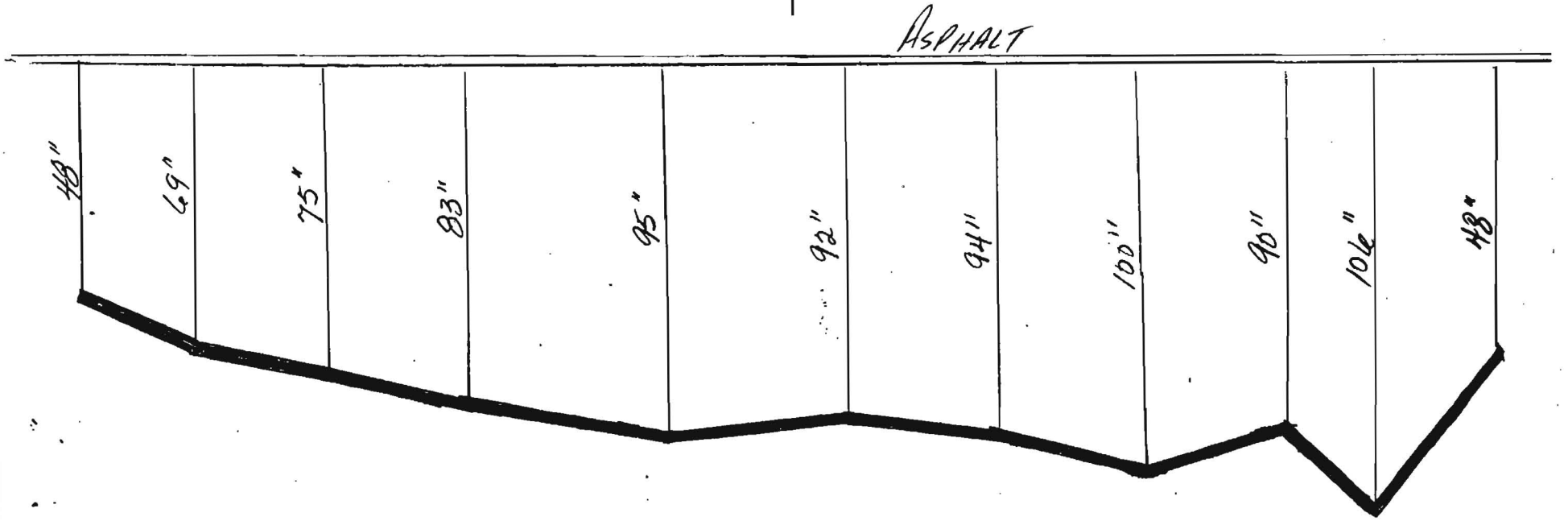
CONTRACTOR: MBE.

INSPECTOR: GLORIA TABOR

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE: 1-11-00 | PROJECT: 44754.1 | DWG/ALIGNMENT SHEET #: 182-163 | SPREAD #: HA

PT. ARENA ← N → SACRAMENTO



Sta # 940+41 15'½℄ BOR BORE 48"

Sta # 940+51 12'½℄ SEWER D X-ING 20"/32"

Sta # 940+91 12'½℄ WC6 175"

Sta # 941+41 12'½ WC6 83"

Sta # 941+91 12'½℄ WC6 95"

Sta # 942+28 92" GAS X-ING 1" 28"

Sta # 942+41 12'½℄ WC6 94"

Sta # 942+91 12'½℄ WC6 100"

Sta # 943+41 12'½℄ WC6 90"

Sta # 944+41 12'½℄ WC6 106"

Sta # 944+87 11½℄ END BORE 48"

NOTES: 476' BORE

COUNTY: Sonoma

CONTRACTOR: MGE.

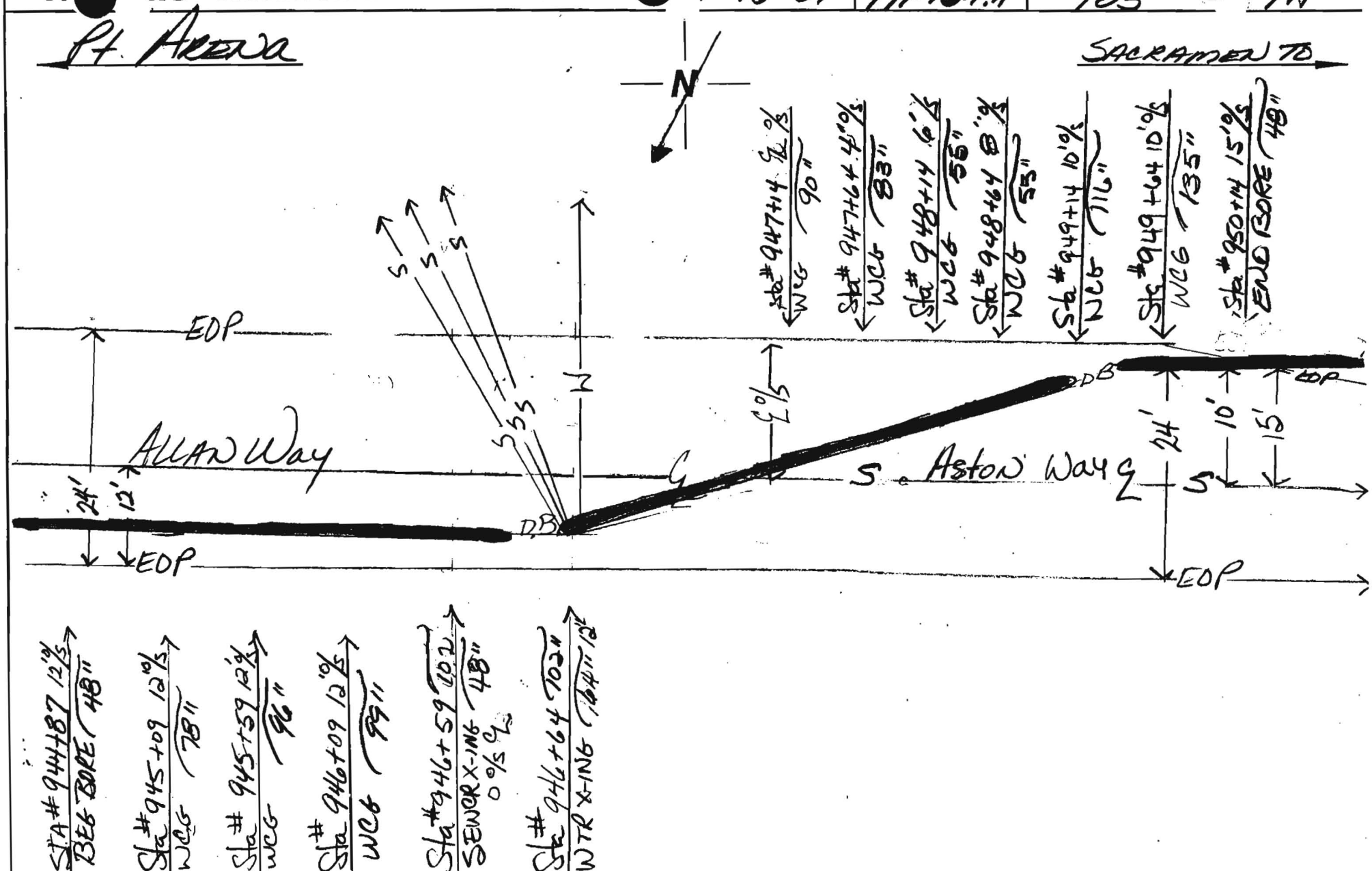
DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR: GLORIA TABOR.

PAGE OF

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET #:	SPREAD #:
1-16-01	99P154.11	183	4A



NOTES:
CORNER OF ALLAN Way & Aston Way

PAGE OF

COUNTY: Sonoma

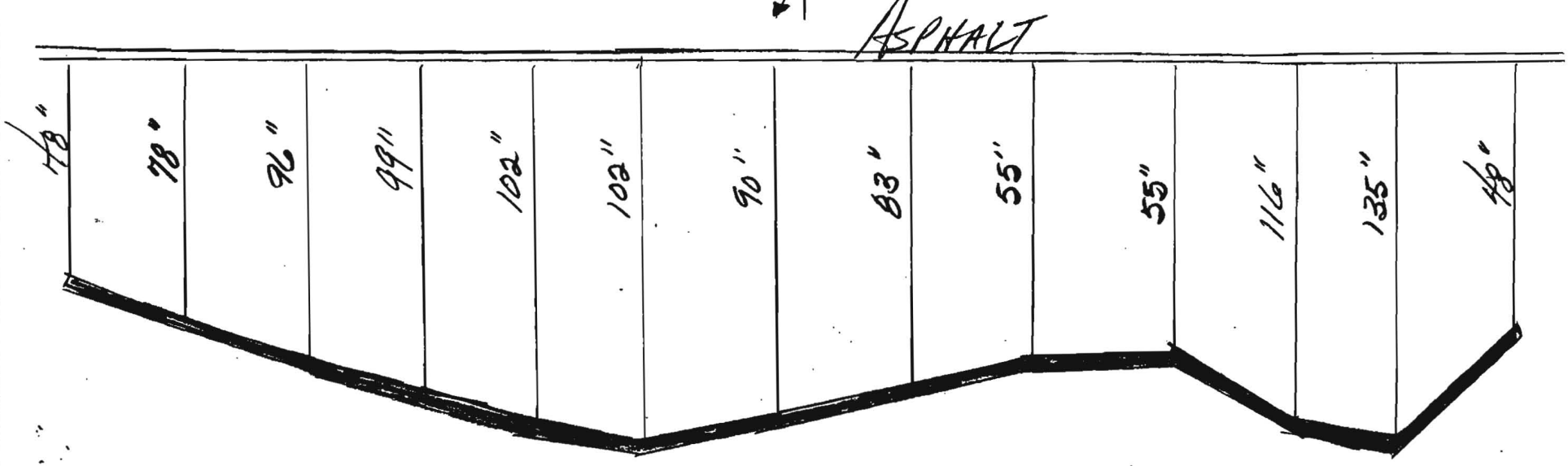
CONTRACTOR: MGE

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR: GLORIA TABOR

Williams CONSTRUCTION AS-BUILT DOCUMENTAT	DATE: 1-16-01	PROJECT: 99P154.11	DWG/ALIGNMENT SHEET # 183	SPREAD # 4A

POINT AREIVA ← N → SACRAMENTO



Sta # 944+89 12"/S 48" BED BORE

Sta # 945+09 12"/S 78" WCG

Sta # 945+59 12"/S 96" WCG

Sta # 946+09 12"/S 99" WCG

Sta # 946+59 2"/S 102" SEWER X-ING

Sta # 946+64 2"/S 102" WTR X-ING

Sta # 947+14 2"/S 90" WCG

Sta # 947+64 4.1"/S 83" WCG

Sta # 948+14 6"/S 55" WCG

Sta # 948+64 8"/S 65" WCG

Sta # 949+14 10"/S 116" WCG

Sta # 949+64 10"/S 135" WCG

Sta # 950+14 15"/S 48" END BORE

NOTES:

COUNTY: Sonoma

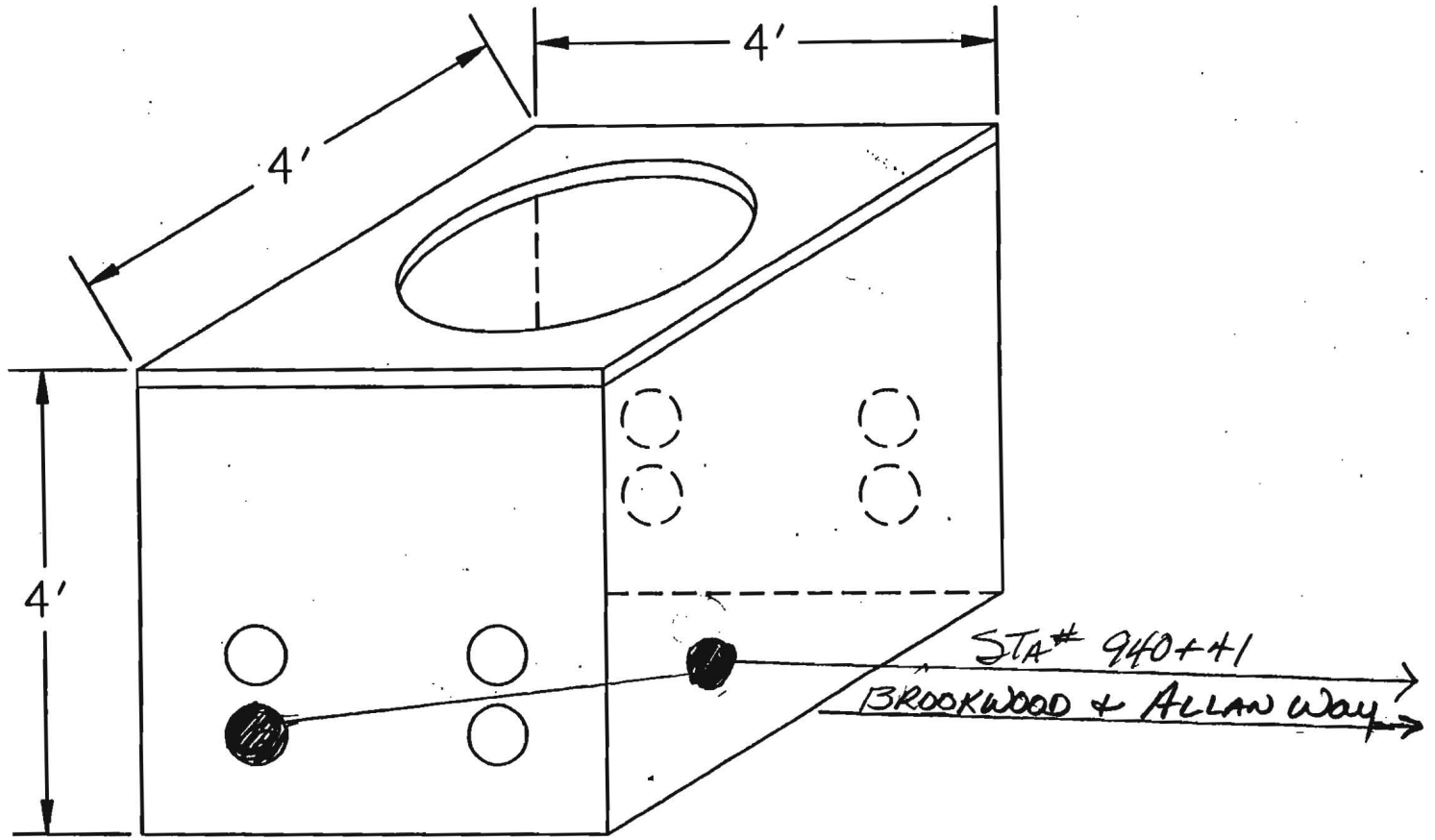
CONTRACTOR: MGE

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E

INSPECTOR: GLORIA TABOR

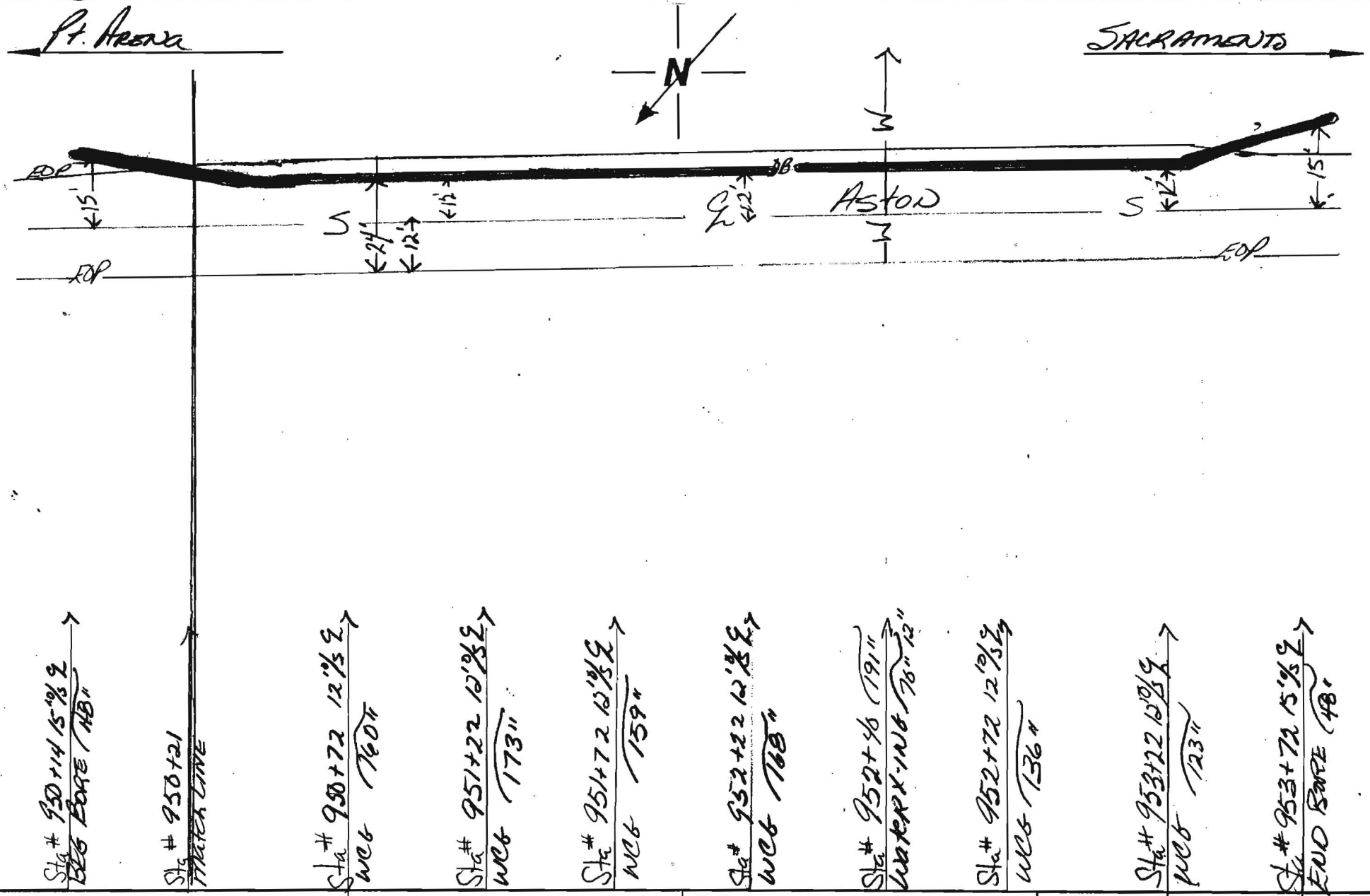
PAGE OF

WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION	DATE: 1-16-01	PROJECT: 99P154.11	DWG/ALIGNMENT SHEET#: 182	SPREAD #: 4A



NOTES: CORNOR OF BROORWOOD & ALLAN WAY	COUNTY: SONOMA	CONTRACTOR: M.G.E.
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: GLORIA TABOR

Williams CONSTRUCTION AS-BUILT DOCUMENTATION	DATE: 1-9-00	PROJECT: 99P154.11	DWG/ALIGNMENT SHEET#: 183-184	SPREAD #: 4A



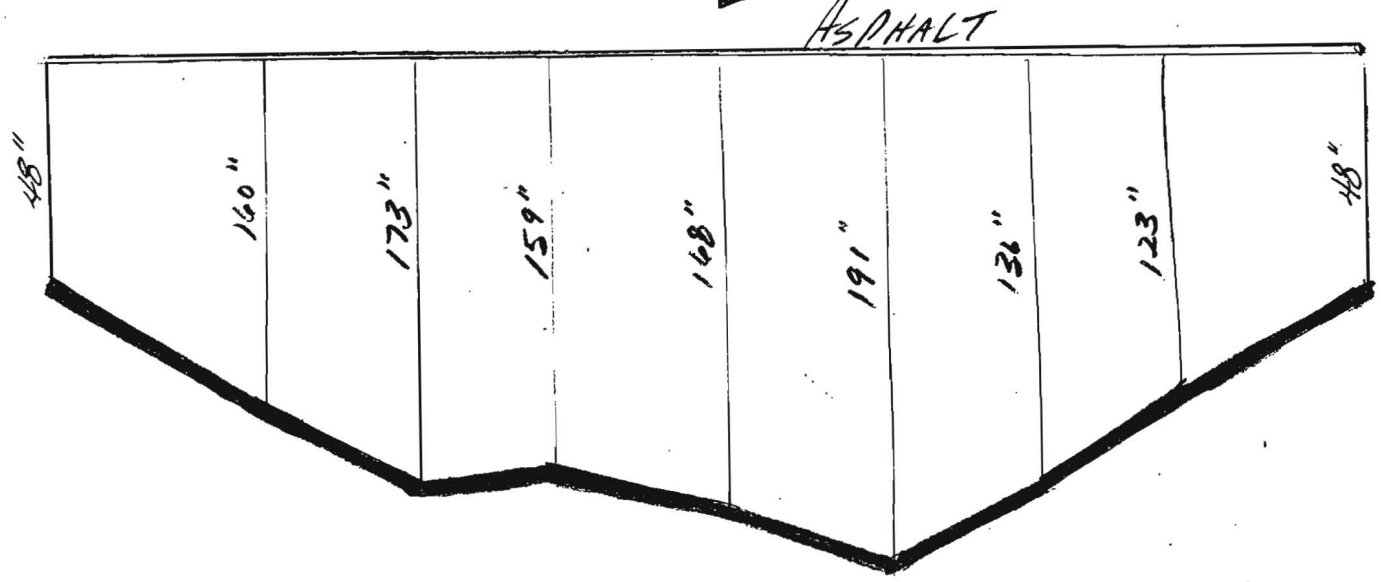
NOTES:	COUNTY:	CONTRACTOR:
358' BORE	Sonoma	M.G.E.
	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: GLORIA TABOR
PAGE OF		

Williams CONSTRUCTION AS-BUILT DOCUMENTAT	DATE: 1-9-00	PROJECT: 99P154.11	DWG/ALIGNMENT SHEET #: 183-184	SPREAD #: 4A

Pt. Arena

N

SACRAMENTO



Sta #950+14 15°S/E
BEGIN BORE 48"

Sta #950+72 12°S/E
WCB 160"

Sta #951+22 12°S/E
WCB 173"

Sta #951+22 12°S/E
WCB 159"

Sta #952+22 12°S/E
WCB 168"

Sta #952+48 191"
WTR X-ING 12" 70"

Sta #952+73 12°S/E
WCB 136"

Sta #953+22 12°S/E
WCB 123"

Sta #953+72 15°S/E
END BORE 48"

NOTES:	COUNTY:	CONTRACTOR:
358' Bore	Sonoma	MGE
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1½ H.D.P.E.	INSPECTOR: GLORIA TABOR

OWNERSHIP: COUNTY OF SONOMA

FIBER STATIONING

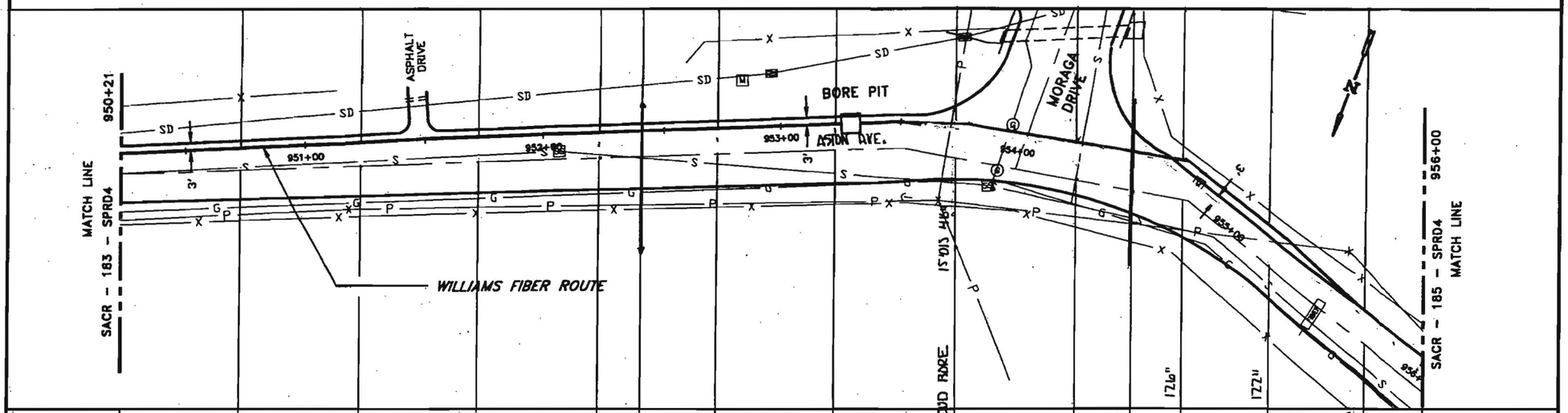
951+16 27' RT. POWER POLE
951+42 16' LT. CULVERT
951+51 17' LT. CULVERT
952+06 6' RT. SANITARY MH
952+08 WATER LINE
952+09 13' RT. WATER VALVE
952+83 19' LT. MANHOLE
952+86 21' LT. CATCH BASIN
953+70 29' RT. POWER POLE
953+71 38' LT. CATCH BASIN
953+86 40' LT. HEADWALL
953+92 14' RT. GAS VALVE
953+93 GAS LINE
953+98 5' LT. GAS VALVE
953+98 16' RT. FIRE HYDRANT
953+97 28' RT. FIRE HYDRANT
954+25 15' RT. FIRE HYDRANT
954+28 SEWER LINE
954+27 70' LT. FIRE HYDRANT
954+29 73' LT. FIRE HYDRANT
954+36 66' LT. CATCH BASIN
954+36 50' LT. HEADWALL
954+39 71' LT. FIRE HYDRANT
954+78 1' LT. MANHOLE
955+45 18' LT. POWER POLE

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



950+21	12'0IS 140"	12'0IS 173"	12'0IS 159"	12'0IS 168"	WATER XING	12'0IS 136"	12'0IS 123"	BEG BORE / END BORE	GAS XING	WATER XING	15'0IS	13'0IS	13'0IS 122"	956+00
950+72	951+22	951+72	952+22	952+40	952+72	953+22	953+72	954+25	954+49	954+71	955+21	955+71		

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

950+21			953+22
953+72			956+00
351'			778'
2.11			2.11
2-1.5" HDPE			2-1.5" HDPE
1-1.25" HDPE			1-1.25" HDPE
GLORIA TABOR			GLORIA TABOR
1-9-01			1-18-01
MEE			MGE

IN BLACK 1.25" HDPE
GSA TRACER WIRE
GLORIA TABOR
7-9-01

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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the 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
- 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
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9069

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-845-2255

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
3	REVISED RUNNING LINE	MW	10/20

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

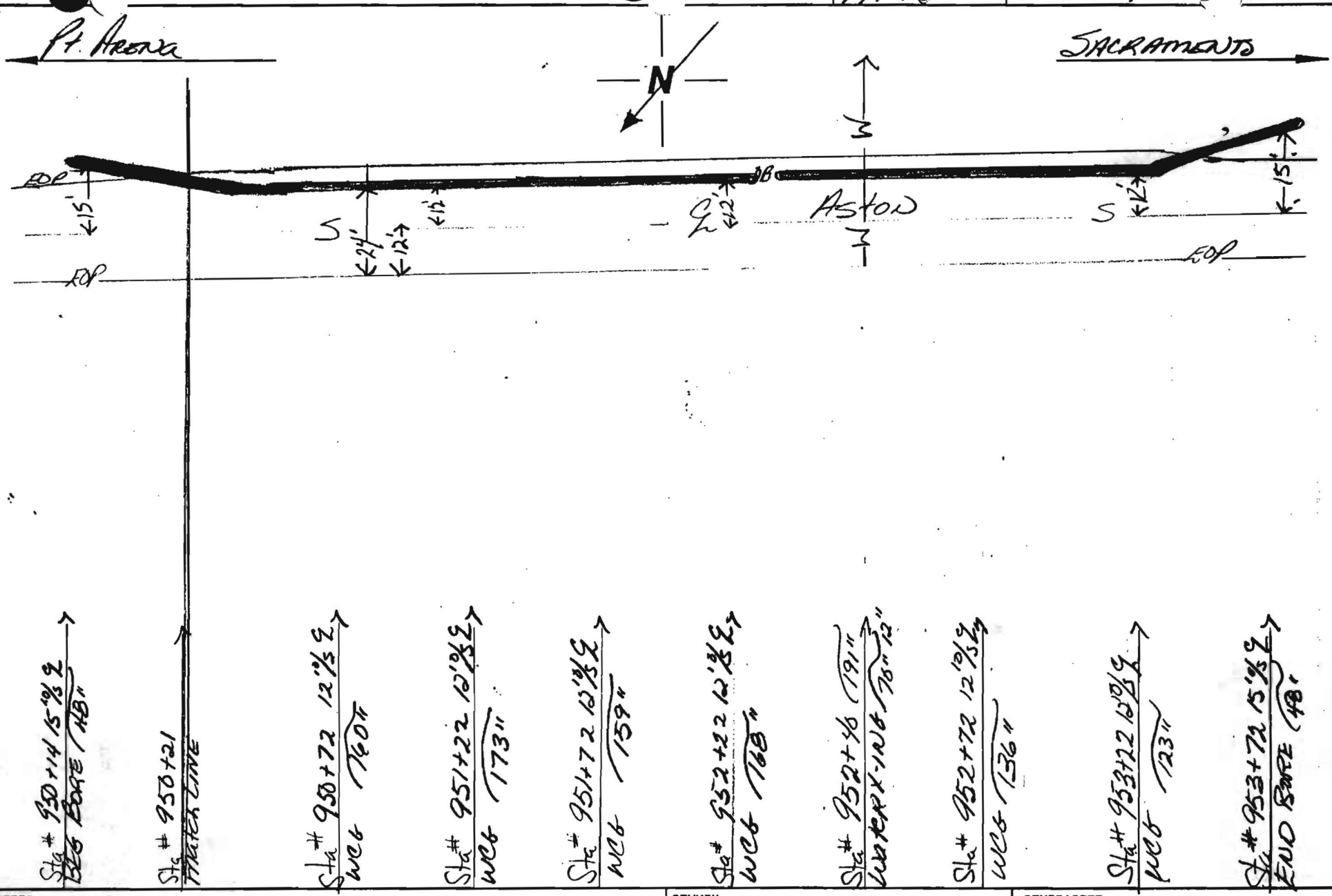
WILLIAMS COMMUNICATIONS GROUP
Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : BRV	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=30'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-184-SPRD4

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET #:	PREAD #:
1-9-00	99-15[illegible]	183-184	4A



NOTES:
358' BORE

COUNTY:
Sonoma

CONTRACTOR:
M.G.E.

DUCT CONFIGURATION:
(2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR:
GLORIA TABOR

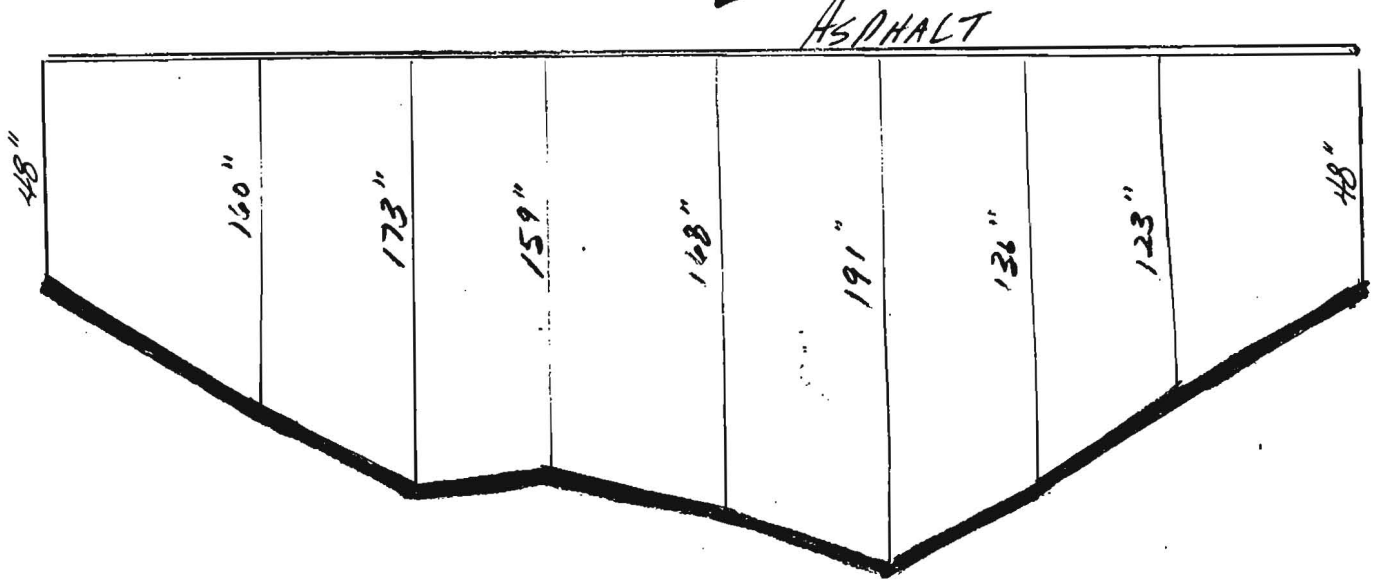
PAGE OF

WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION	DATE: 1-9-00	PROJECT: 99P154.11	DWG/ALIGNMENT SHEET#: 183-184	SPREAD #: 4A

Pt. Arena

N

Sacramento



Sta #950+14 15"ϕ SR Bore 48"

Sta #950+72 12"ϕ WCB 160"

Sta #951+22 12"ϕ WCB 173"

Sta #951+22 12"ϕ WCB 159"

Sta #952+22 12"ϕ WCB 148'

Sta #952+48 191" WTR X-ING 12" 70"

Sta #952+72 12"ϕ WCB 136"

Sta #953+22 12"ϕ WCB 123"

Sta #953+72 15"ϕ END BORE 48"

NOTES:	COUNTY:	CONTRACTOR:
358' Bore	Sonoma	NGE
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: Gloria Tabor

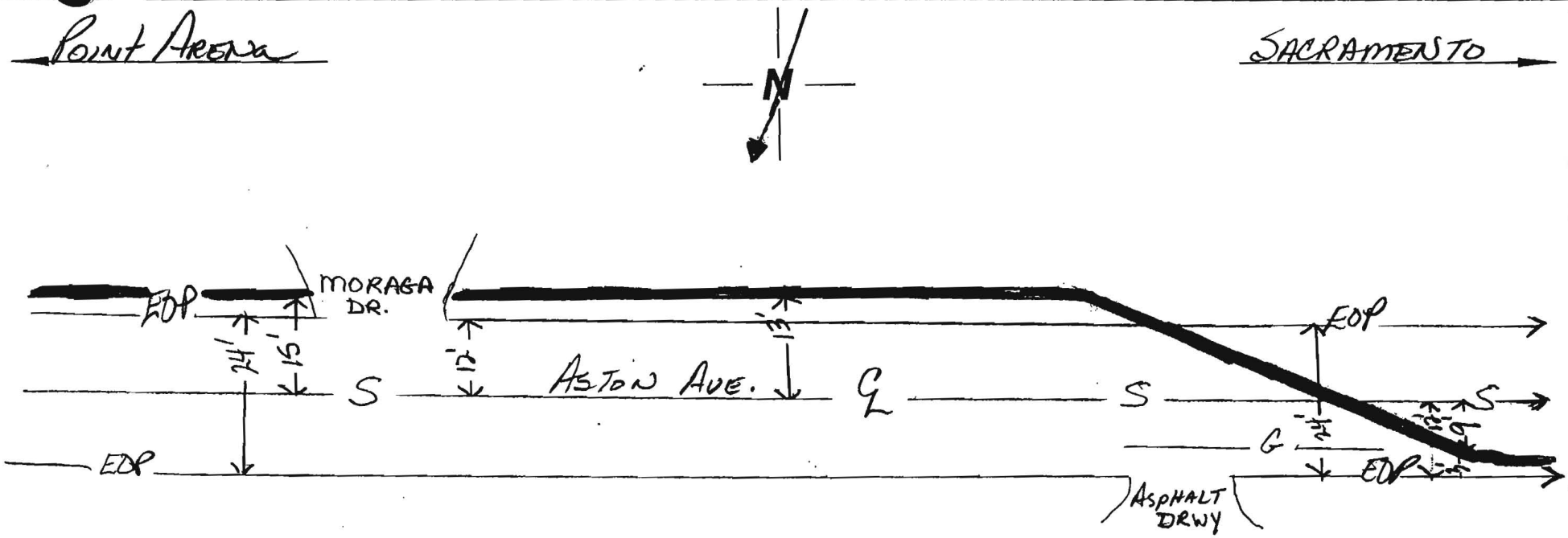
Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:

PROJECT: P99154.11

DWG/ALIGNMENT SHEET: 184-185

SPREAD #: 4A



Sta # 953+72 15'% ℄ BEG BORE (48")

Sta # 954+25 (133") GAS x-ING 3" (37")

Sta # 954+89 (135") ELTRA x-ING 6" (60")

Sta # 954+71 15'% ℄ WCG (126")

Sta # 955+21 13'% ℄ WCG (122")

Sta # 955+71 13'% ℄ WCG (122")

Sta # 955+99 MATCH LINE

Sta # 956+21 13'% ℄ WCG (123")

Sta # 956+71 13'% ℄ WCG (110")

Sta # 957+21 13'% ℄ WCG (110")

Sta # 957+71 13'% ℄ WCG (114")

Sta # 958+21 13'% ℄ WCG (122")

Sta # 958+71 13'% ℄ WCG (123")

Sta # 959+21 13'% ℄ WCG (138")

Sta # 959+58 0% ℄ SEWER x-ING ? (126")

Sta # 960+12 9'% ℄ END BORE (48")

NOTES:

646' BORE

COUNTY: Sonoma

CONTRACTOR: MGE

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E

INSPECTOR: GLORIA TABOR

PAGE OF

NORTHSTAR **CONSTRUCTION AS-BUILT DOCUMENTATION**

DATE:

PROJECT: P99154.11

DWG/ALIGNMENT SHEET#: 184 - 185

THREAD #: 4A

POINT ARENA ← N → SACRAMENTO

ASPHALT — ASTON AVE.

48" 133" 135" 126" 122" 122" 123" 110" 140" 114" 122" 123" 138" 125" 48"

Sta # 953+72 15'%S BOREBORE 48"

Sta # 954+26 133 GAS X-ING 8" 37°

Sta # 954+48 135" WTR X-ING 60"

Sta # 954+71 13'%S WCG 126"

Sta # 955+21 13'%S WCG 122"

Sta # 955+71 13'%S WCG 122"

Sta # 956+21 13'%S WCG 123"

Sta # 956+71 13'%S WCG 110"

Sta # 957+21 13'%S WCG 110"

Sta # 957+71 13'%S WCG 114"

Sta # 958+21 13'%S WCG 122"

Sta # 958+71 13'%S WCG 123"

Sta # 959+21 13'%S WCG 138" 125"

Sta # 959+58 0%S SEWER X-ING 60"

Sta # 960+12 9'0%S END BORE 48"

640' BORE

NOTES:

COUNTY: Sonoma

CONTRACTOR: MGE

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR: GLORIA TABOR

PAGE OF

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

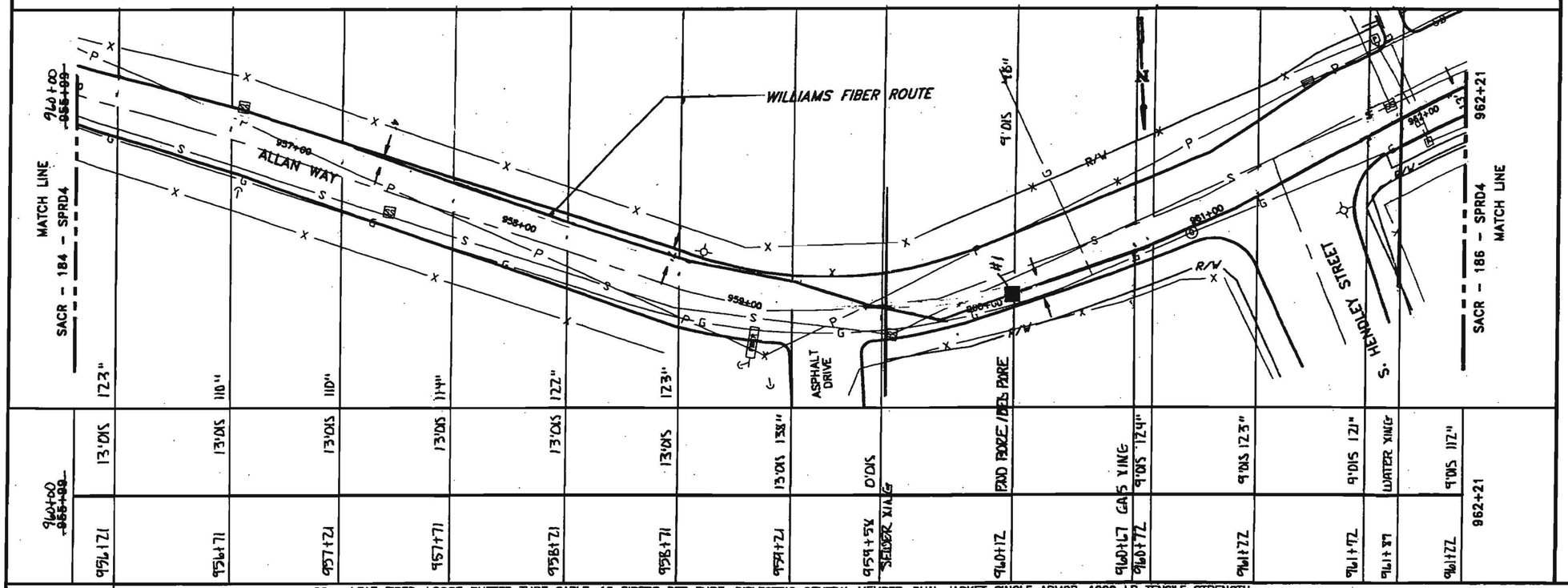
956+74 4' LT. SANITARY MH
956+82 27' RT. GUY
957+46 17' RT. SANITARY MH
958+46 WATER LINE
958+77 9' LT. LIGHT POLE
958+86 WATER LINE
958+93 16' LT. FENCE COR.
959+03 31' RT. GUY
959+12 24' RT. POWER POLE
959+17 37' RT. GUY
959+19 5' LT. WATER VALVE
959+20 12' LT. WATER VALVE
959+22 14' LT. WATER VALVE
959+28 4' LT. FIRE HYDRANT
959+33 13' LT. TEL. POLE
959+43 5' LT. WATER VALVE
959+69 26' LT. FENCE COR.
960+67 GASLINE
960+78 16' LT. GAS LINE
960+82 DEG MANHOLE
(GLORIA TABOR 1.23.01)
960+91 9' RT. GAS VALVE
961+26 17' LT. WATER LINE
961+39 LT. WATER VALVE
961+50 16' LT. WATER VALVE
961+64 17' LT. WATER VALVE
961+81 27' LT. CATCH BASIN
961+84 30' RT. WATER VALVE
961+87 4' LT. SANITARY MH
961+93 32' LT. UTILITY BOX
961+97 15' RT. UTILITY BOX
961+98 22' LT. GAS LINE

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
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, 1-1.5" BLUE, 1-1.5" ORANGE HDPE

956+80	960+17
960+17	962+21
417'	259'
2.11	2.11
2-1.5" HDPE	2-1.5" HDPE
1-1.25" HDPE	1-1.25" HDPE
GLORIA TABOR	MGE
1.18.01	1.22.01
MGE	

IN BLACK 1.25" HDPE
GGA - TERRIE WIPE
GLORIA TABOR
7-9-01

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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the 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 and/or White Line
- Region 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
3	REVISED RUNNING LINE	MW	10/20

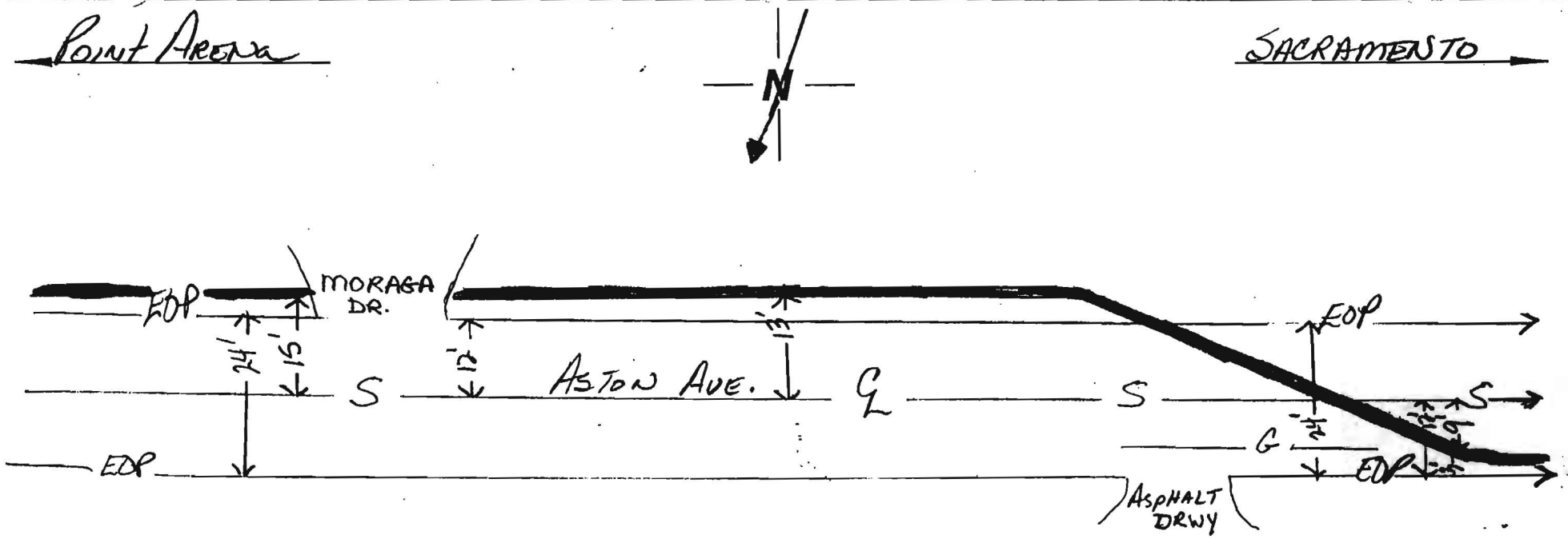
CABLE FIBER COUNT MFG. TYPE OF GLASS	CABLE DESCRIPTION
CABLE REEL NO.	
SPLICE TO SPLICE CABLE LENGTH & COIL LENGTH	
INNERDUCT & TYPE (CORR/SMOOTH/COLOR)	PIPE & INNERDUCT PLACEMENT
STEEL PIPE SIZE	
PVC	
FUTURE-2	FUTURE UNIT PLACE
FUTURE-3	
FUTURE-4	

WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=30'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-185-SPRD4

W[illegible]ns CONSTRUCTION AS-BUILT DOCUMENTAT[illegible]	DATE:	PROJECT: P99154.11	DWG/ALIGNMENT SHEET#: 184-185	READ #: 4A



Sta # 953+22 15'%℄ BEG BORE 48"

Sta # 954+25 133" GAS x-ING 3" 37"

Sta # 954+49 135" WTR x-ING 6" 60"

Sta # 954+71 15'%℄ WCG 126"

Sta # 955+21 13'%℄ WCG 122"

Sta # 955+71 13'%℄ WCG 122"

Sta # 955+99 MATCH LINE

Sta # 956+21 13'%℄ WCG 123"

Sta # 956+71 13'%℄ WCG 110"

Sta # 957+21 13'%℄ WCG 110"

Sta # 957+71 13'%℄ WCG 114"

Sta # 958+21 13'%℄ WCG 122"

Sta # 958+71 13'%℄ WCG 123"

Sta # 959+21 13'%℄ WCG 138"

Sta # 959+58 0%℄ SEWER x-ING ? 135"

Sta # 960+12 9'%℄ END BORE 48"

NOTES: 646' BORE	COUNTY: Sonoma	CONTRACTOR: MGE
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼ A.D.P.E	INSPECTOR: GLORIA TABOR

W[illegible]MS CONSTRUCTION AS-BUILT DOCUMENTATI[illegible]

DATE:

PROJECT: P99154.11

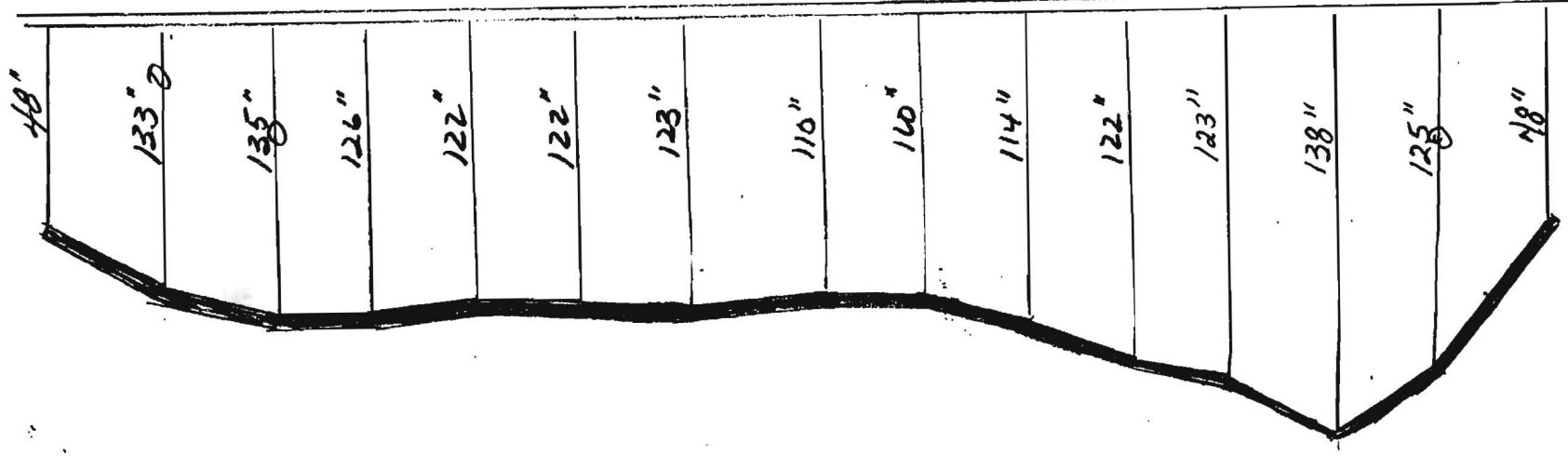
DWG/ALIGNMENT SHEET#: 184 - 185

READ #: 4A

POINT ARENA ← N → SACRAMENTO

ASPHALT

ASTON AVE.



Sta # 953+72 13'%S
BOREBORE 48"

Sta # 954+25 133
GAS X-ING 8" 37°

Sta # 954+49 135"
WTR X-ING 60"

Sta # 954+71 13'%S
WCG 126"

Sta # 955+21 13'%S
WCG 122"

Sta # 955+71 13'%S
WCG 122"

Sta # 956+21 13'%S
WCG 123"

Sta # 956+71 13'%S
WCG 110"

Sta # 957+21 13'%S
WCG 110"

Sta # 957+71 13'%S
WCG 114"

Sta # 958+24 13'%S
WCG 122"

Sta # 958+71 13'%S
WCG 123"

Sta # 959+21 13'%S
WCG 138" 125"

Sta # 959+58 0%S
SEWER X-ING 60"

Sta # 960+12 9'0½S
END BORES 48"

NOTES: 640' BORE

COUNTY: Sonoma

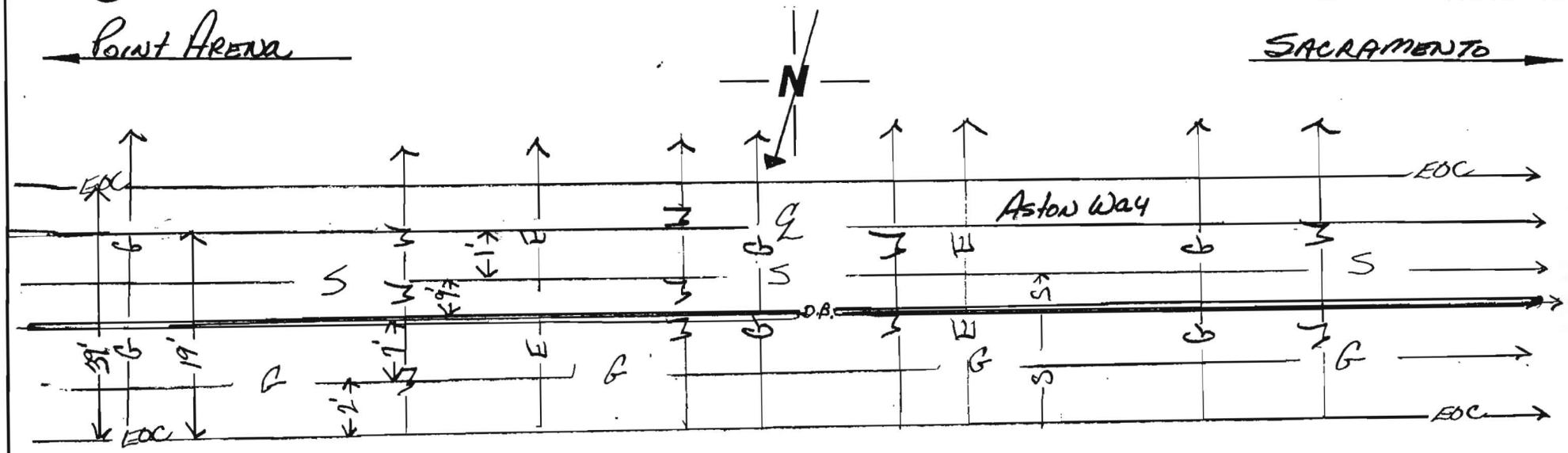
CONTRACTOR: MGE

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR: GLORIA TABOR

PAGE OF

Williams CONSTRUCTION AS-BUILT DOCUMENTATION	DATE: 1-22-01	PROJECT: P99154.11	DWG/ALIGNMENT SHEET: 185-186	SPREAD #: HA



Sta # 960+12 9°/S ℄ BEG BORE 48"
Sta # 960+67 (154") GAS X-ING 1" (36")
Sta # 960+72 9°/S ℄ WC6 124"
Sta # 961+22 9°/S ℄ WC6 123"
Sta # 961+72 9°/S ℄ WC6 121"
Sta # 961+89 117" WTR X-ING 6" ↓
Sta # 962+22 9°/S ℄ WC6 112"
Sta # 962+48 111" ELEC X-ING 3" (33")
Sta # 962+72 9°/S ℄ WC6 115"
Sta # 962+85 116" WTR X-ING 4" (33")
Sta # 963+02 109" GAS X-ING 1" (36")
Sta # 963+22 10°/S ℄ WC6 109"
Sta # 963+51 120" WTR X-ING 2" (41")
Sta # 963+61 122" ELEC X-ING 55°
Sta # 963+65 122" SEWER D X-ING ?
Sta # 963+72 10°/S ℄ WC6 98"
Sta # 964+17 98" GAS X-ING 1" (36")
Sta # 964+22 10°/S ℄ WC6 101"
Sta # 964+35 101" WTR X-ING 1" (36")
Sta # 964+72 10°/S ℄ WC6 114"
Sta # 965+15 10°/S ℄ END BORE 48"

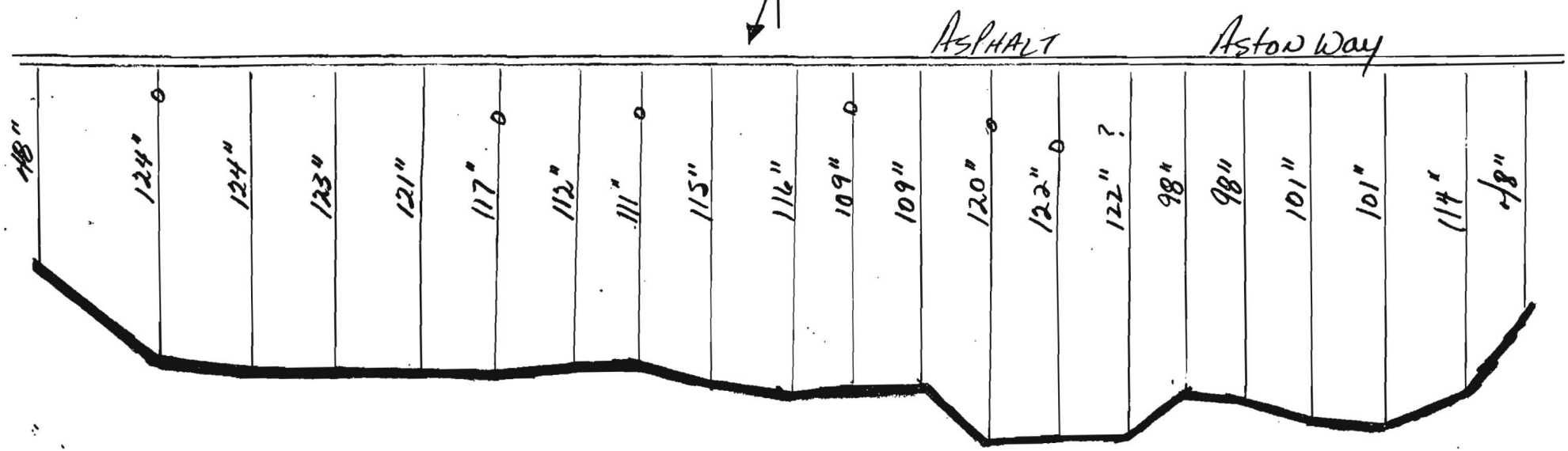
Sta # 961+22 MATCH LINE

NOTES:	COUNTY:	CONTRACTOR:
503' BORE	Sonoma	M.G.E.
	DUCT CONFIGURATION:	INSPECTOR:
PAGE OF	(2) 1½ (1) 1¼ H.D.P.E.	GLORIA TABOR

Williams **CONSTRUCTION AS-BUILT DOCUMENTAT**

DATE:	PROJECT:	DWG/ALIGNMENT SHEET:	SPREAD #:
1-22-01	99154.11	185-186	4A

Point Arena ← N → SACRAMENTO



Sta # 960+12 9.0% ↓ BEG BORE 48"
Sta # 960+67 124" PAS-WG 1" 36"
Sta # 960+72 9.0% ↓ WCG 124"
Sta # 961+22 9.0% ↓ WCG 103"
Sta # 961+72 9.0% ↓ WCG 124"
Sta # 961+89 117" WTR-WG 6" 43"
Sta # 962+22 9.0% ↓ WCG 112"
Sta # 962+48 111" ELEC-WG-3" 83"
Sta # 962+72 9.0% ↓ WCG 115"
Sta # 962+95 116" WTR-WG 4" 34"
Sta # 963+02 109" GAS-WG 1" 36"
Sta # 963+22 10.0% ↓ WCG 109"
Sta # 963+51 120" WTR-WG 2" 41"
Sta # 963+61 122" ELEC-WG 55"
Sta # 963+65 122" ? SEWER DR-WG ?
Sta # 963+72 10.0% ↓ WCG 98"
Sta # 964+17 98" GAS-WG 1" 36"
Sta # 964+22 WCG 101"
Sta # 964+35 101" WTR-WG 36"
Sta # 964+72 10.0% ↓ WCG 114"
Sta # 965+15 10.0% ↓ END BORE 48"

NOTES:
503' BORE

PAGE OF

COUNTY: Sonoma

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

CONTRACTOR: M.G.E.

INSPECTOR: GLORIA TABOR

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

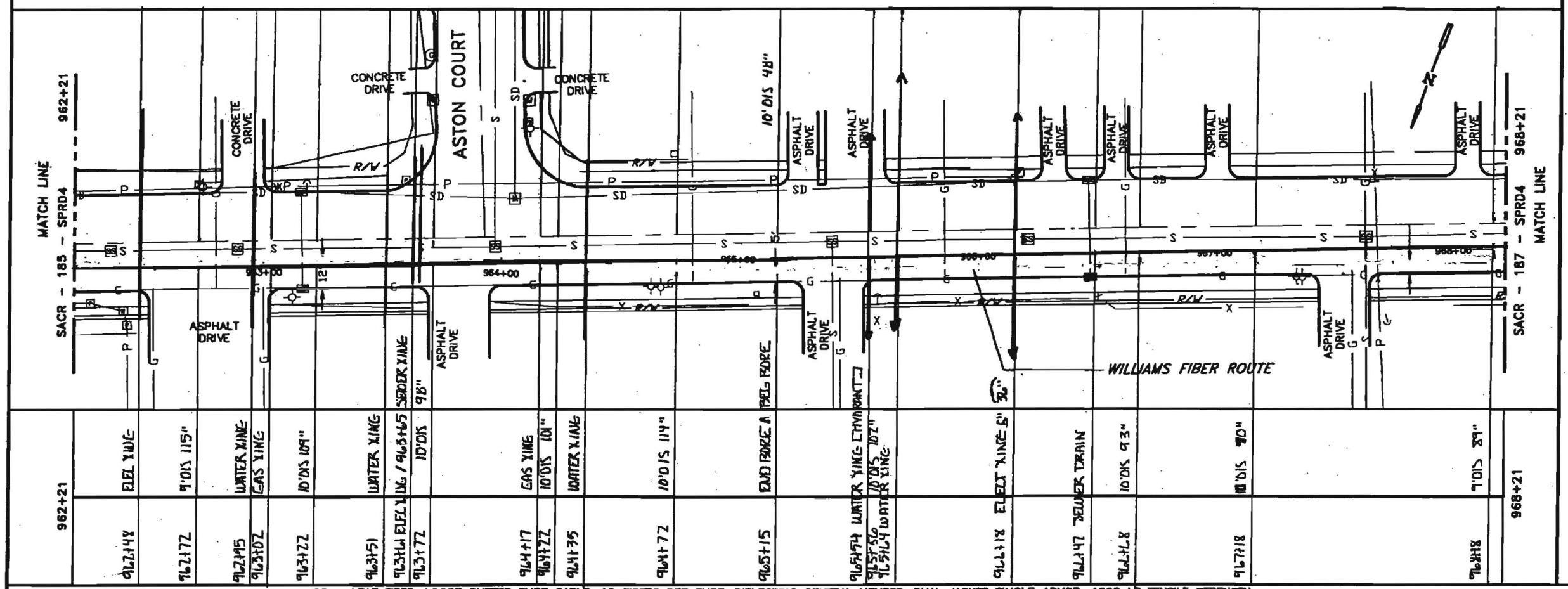
962+27 17' RT. UTILITY BOX
962+35 4' LT. SANITARY MH
962+40 21' RT. UTILITY BOX
962+42 28' LT. WATER VALVE
962+48 22' LT. WATER VALVE
962+50 12' LT. WATER VALVE
962+73 31' LT. UTILITY BOX
962+74 30' LT. LIGHT POLE
962+77 14' LT. WATER VALVE
962+89 4' LT. SANITARY MH
963+01 13' LT. WATER VALVE
963+01 13' RT. WATER VALVE
963+11 15' RT. LIGHT POLE
963+15 11' RT. CATCH BASIN
963+15 27' LT. CATCH BASIN
963+17 32' LT. GUY
963+60 32' LT. UTILITY BOX
963+70 84' LT. GAS VALVE
963+71 66' LT. MANHOLE
963+84 13' LT. WATER VALVE
963+86 16' LT. WATER VALVE
963+98 63' LT. STORM MH
964+04 26' LT. STORM MH
964+08 56' LT. UTILITY BOX
964+08 86' LT. MANHOLE
964+09 85' LT. LIGHT POLE
964+31 25' LT. WATER LINE
964+31 34' LT. FIRE HYDRANT
964+32 18' LT. WATER VALVE
964+33 18' LT. WATER VALVE
964+62 8' RT. LIGHT POLE
964+70 46' LT. UTILITY BOX
964+78 28' LT. GAS LINE
964+83 28' LT. WATER VALVE
964+83 35' LT. WATER VALVE
964+84 20' LT. WATER VALVE
965+07 9' RT. UTILITY BOX
965+14 20' LT. WATER VALVE
965+15 6' RT. WATER VALVE
965+26 29' LT. CL. DRIVEWAY
965+37 11' LT. SANITARY MH
965+47 30' LT. CL. DRIVEWAY
965+54 19' LT. WATER VALVE
965+56 5' RT. FIRE HYDRANT
965+56 21' RT. POWER POLE
965+63 6' RT. WATER VALVE
965+63 20' LT. WATER VALVE
965+65 20' LT. WATER VALVE
965+87 36' LT. WATER VALVE
966+09 30' LT. POWER LINE
966+17 6' RT. WATER VALVE
966+17 39' LT. UTILITY BOX
966+20 11' LT. SANITARY MH
966+23 27' LT. WATER VALVE
966+24 30' LT. WATER VALVE
966+38 30' LT. POWER LINE
966+45 30' LT. STORM DRAIN
966+46 4' RT. CATCH BASIN
966+46 35' LT. CATCH BASIN
966+56 30' LT. CL. DRIVEWAY
966+59 6' RT. WATER VALVE
966+59 12' RT. WATER VALVE
966+60 19' LT. WATER VALVE
966+60 30' LT. GAS LINE
966+84 21' LT. WATER VALVE
966+84 30' LT. WATER LINE
966+84 38' LT. WATER VALVE
967+00 30' LT. CL. DRIVEWAY
967+33 5' RT. LIGHT POLE
967+35 5' RT. LIGHT POLE
967+60 30' LT. GAS LINE
967+61 10' LT. SANITARY MH
967+68 6' RT. POWER POLE
967+69 24' RT. GUY
967+75 37' LT. WATER VALVE
968+05 30' LT. CL. DRIVEWAY

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



962+21	ELEC XING	GAS XING	WATER XING	ELEC XING / 963+45	SEBASTOPOL AVE	GAS XING	WATER XING	EXIST FIBER & TRACER	ELEC XING	SEWER DRAIN			968+21
	9'DIS 115"	WATER XING	10'DIS 109"	WATER XING	98"								
		GAS XING			10'DIS	10'DIS 101"	10'DIS 114"	10'DIS 102"	10'DIS 96"	10'DIS 93"	10'DIS 110"	10'DIS 89"	
962+21	963+48	963+72	963+85 963+07	963+51	963+34 963+72	964+17	964+22 964+35	964+72	965+15	965+74	966+18	967+18	968+18

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

962+21		965+15
965+15		968+21
294'		30L'
2.11 2-1.5" HDPE 1-1.25" HDPE GLORIA TABOR 1-22-01 MGE	IN BLACK 1.25" HDPE GGA. TRACER WIRE GLORIA TABOR 1-9-01	2.11 2-1.5" HDPE 1-1.25" HDPE GLORIA TABOR 1-23-01 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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Miss. Road Sign
- New Fiber Cable
- Terminate 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.L.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
- Region 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 :

1-800-227-2800

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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
3	REVISED RUNNING LINE	MW	10/20

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	

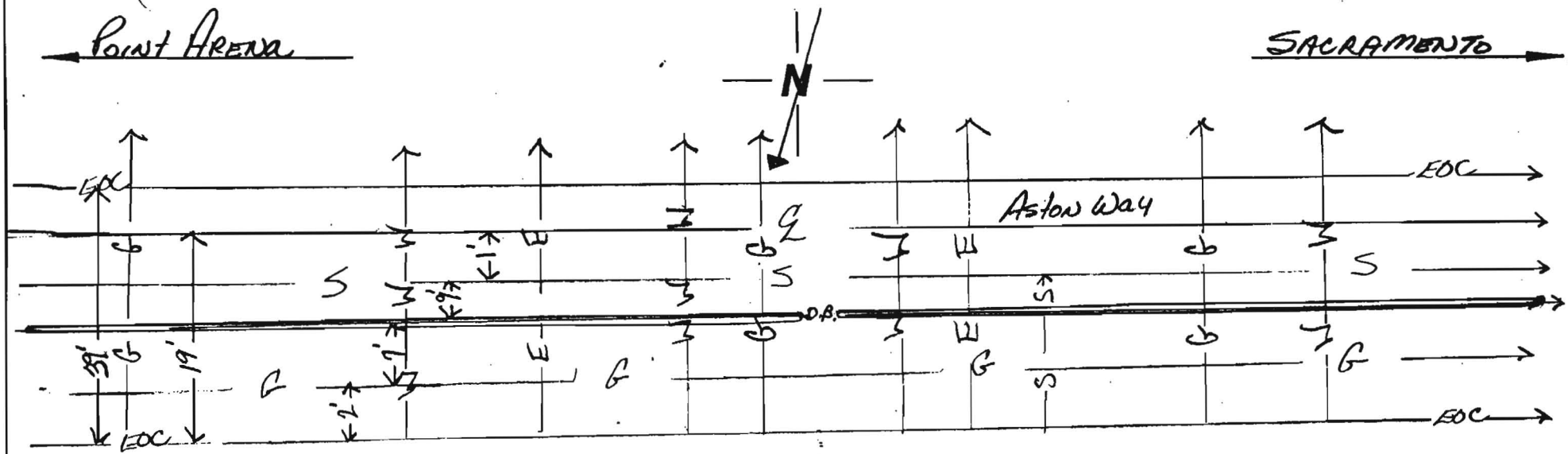
WILLIAMS COMMUNICATIONS GROUP Midcontinent Operations

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : BKV	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (PLAN & PROF) :	1"=30'
VERTICAL SCALE (PLAN) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-186-SPRD4

W[illegible]ms CONSTRUCTION AS-BUILT DOCUMENTATI[illegible]

DATE	PROJECT	DWG ACCEPTED SHEET #	READ #
1-22-01	P991341.11	185 - 186	HA



Sta # 960+12 9'0"S ℄ BEG BORE 118"
Sta # 960+67 GAS X-ING 1" 134" 30°
Sta # 960+72 9'0"S ℄ WC6 124"
Sta # 961+22 9'0"S ℄ WC6 123"
Sta # 961+72 9'0"S ℄ WC6 121"
Sta # 961+89 WTR X-ING 6" 117" 42
Sta # 962+22 9'0"S ℄ WC6 112"
Sta # 962+48 ELEC X-ING 3" 111" 33"
Sta # 962+72 9'0"S ℄ WC6 115"
Sta # 962+95 WTR X-ING 4" 114" 33"
Sta # 963+02 GAS X-ING 1" 109" 36"
Sta # 963+22 10'0"S ℄ WC6 109"
Sta # 963+61 WTR X-ING 2" 120" 41"
Sta # 963+61 ELEC X-ING 122" 55°
Sta # 963+65 SEWER D X-ING ? 122"
Sta # 963+72 10'0"S ℄ WC6 98"
Sta # 964+17 98"
Sta # 964+22 GAS X-ING 1" 36" 10'0"S ℄
Sta # 964+25 WC6 101"
Sta # 964+25 WTR X-ING 1" 101" 36°
Sta # 964+72 10'0"S ℄ WC6 114"
Sta # 965+15 10'0"S ℄ END BORE 118"

Sta # 961+22 MATCH LINE

NOTES:
503' BORE

COUNTY:
Sonoma

CONTRACTOR:
M.G.E.

DUCT CONFIGURATION:
(2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR:
GLORIA TABOR

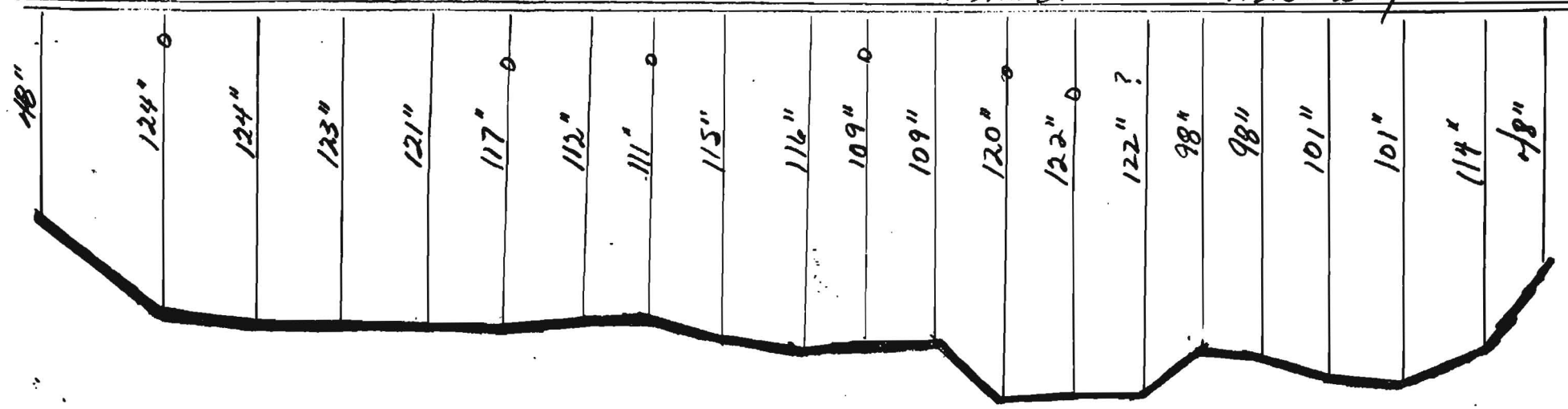
PAGE OF

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE	PROJECT	DWG/ALIGNMENT SHEET #	SPREAD #
1-22-01	9913A.11	53 156	4A

POINT ARENA ← N → SACRAMENTO

ASPHALT — Aston Way



Sta # 960+12 9.0% G
BEG BORE 48"

Sta # 960+67 124"
BAS X-ING 1" 36°

Sta # 960+72 9.0% G
WCG 124"

Sta # 961+22 9.0% G
WCG 123"

Sta # 961+72 9.0% G
WCG 121"

Sta # 961+89 117"
WTR X-ING 6" 45°

Sta # 962+22 9.0% G
WCG 112"

Sta # 962+48 111"
ELEC X-ING 3" 83°

Sta # 962+72 9.0% G
WCG 115°

Sta # 962+95 116°
WTR X-ING 4" 34°

Sta # 963+02 109"
GAS X-ING 1" 36°

Sta # 963+22 10.0% G
WCG 109"

Sta # 963+51 120"
WTR X-ING 4" 41°

Sta # 963+61 122"
ELEC X-ING 55°

Sta # 963+65 122"
SEWER X-ING ?

Sta # 963+72 10.0% G
WCG 98"

Sta # 964+17 98"
GAS X-ING 1" 36°

Sta # 964+22
WCG 101"

Sta # 964+35 101"
WTR X-ING 36°

Sta # 964+72 10.0% G
WCG 114"

Sta # 965+15 10.0% G
END BORE 48"

NOTES: 503' BORE

COUNTY: Sonoma

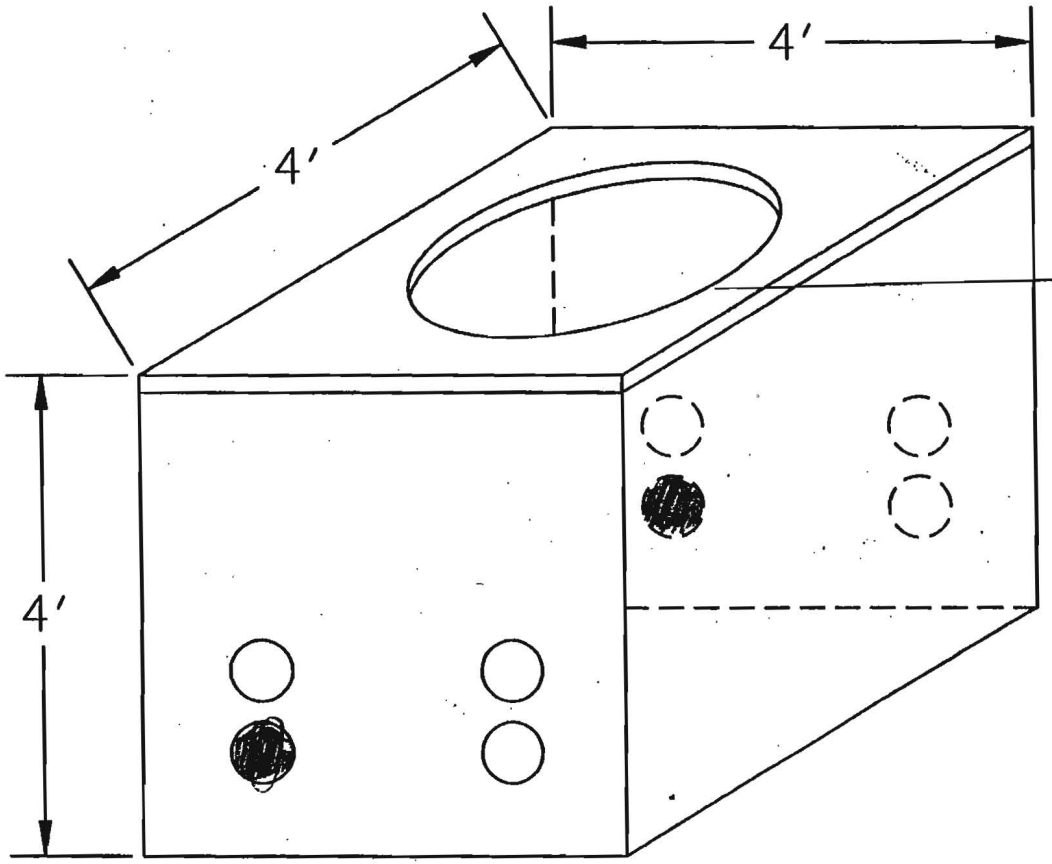
CONTRACTOR: M.G.E.

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR: GLORIA TABOR

PAGE OF

WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION	DATE: 1-23-01	PROJECT: P99154.11	DWG/ALIGNMENT SHEET# 185	SPREAD # 4A

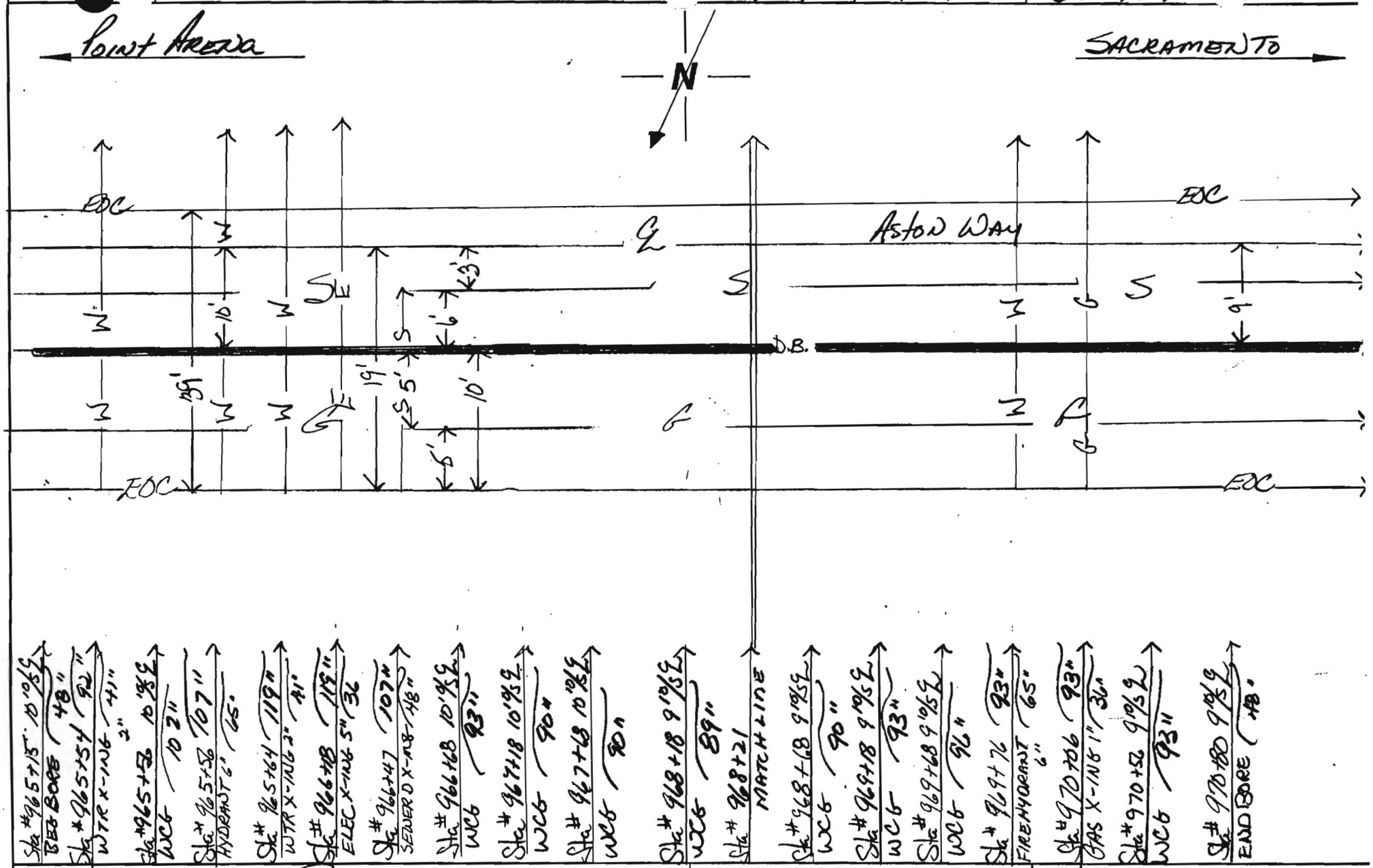


Sta # 960+12 9'0"S Lg

NOTES: SET M/H @ Sta 960+12 9'0"S Q AND SLURRIED	COUNTY: Sonoma	CONTRACTOR: MGE
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E	INSPECTOR: GLORIA TABOR

Williams **CONSTRUCTION AS-BUILT DOCUMENTATION**

DATE:	PROJECT:	DWG/ALIGNMENT SHEET:	SPREAD:
1-24-01	P99154.11	186 - 187	4A



NOTES: 576.5' BORE

COUNTY: Sonoma

CONTRACTOR: M.G.E.

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR: GLORIA TABOR

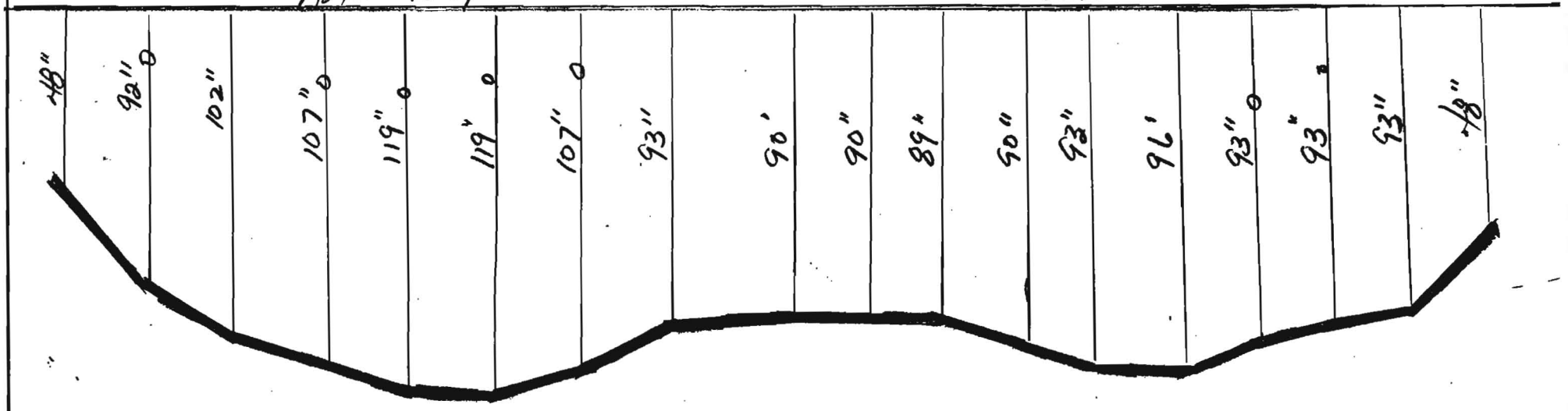
PAGE OF

Williams CONSTRUCTION AS-BUILT DOCUMENTAT

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
1-24-01	P99154.11	186-187	4A

Point Arena ← N → SACRAMENTO

Aston Way — Asphalt



Sta # 965+15 10"%
BEG BORE 48"

Sta #965+54 92"
WTR X-ING 2" (41")

Sta #965+98 10"%
WCB 102"

Sta #965+38 107"
WTR HYDRANT-ING 6"

Sta #965+64 119"
WTR X-ING 3" 41"

Sta #966+18 119"
ELEC X-ING 5" 36"

Sta #966+47 107"
SEWER X-ING 48"

Sta #966+68 10"%
WCB 93"

Sta #967+18 9"%
WCB 90"

Sta #967+68 9"%
WCB 90"

Sta #968+18 9"%
WCB 89"

Sta #968+68 9"%
WCB 90"

Sta #969+18 9"%
WCB 93"

Sta #969+68 9"%
WCB 96"

Sta #969+76 93"
FIRE HYDRANT L 25"

Sta #970+06 93"
GAS X-ING 1" 36"

Sta #970+50 9"%
WCB 93"

Sta #970+88 9"%
END BORE 48"

NOTES:
565' BORE

COUNTY:
Sonoma

CONTRACTOR:
MGE

DUCT CONFIGURATION:
(2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR:
GLORIA TABOR

PAGE OF

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

968+28 6' RT. WATER VALVE
968+28 12' RT. WATER VALVE
968+28 21' LT. WATER VALVE
968+33 40' LT. MANHOLE
968+47 30' LT. GAS VALVE
968+49 30' LT. WATER LINE
968+49 30' LT. WATER VALVE
968+50 37' LT. WATER VALVE
968+65 30' LT. CL. DRIVEWAY

968+79 17' RT. GUY
968+83 29' LT. GAS LINE

968+91 30' LT. CL. DRIVEWAY

969+08 5' RT. WATER VALVE
969+03 30' LT. GAS LINE
969+05 7' RT. LIGHT POLE
969+09 38' LT. UTILITY BOX
969+12 37' LT. LIGHT POLE
969+20 37' LT. WATER VALVE
969+21 21' LT. WATER VALVE

969+35 36' LT. UTILITY BOX
969+38 37' LT. POWER POLE
969+44 13' LT. SANITARY MH
969+44 29' LT. SEWER LINE
969+67 29' LT. WATER VALVE
969+68 8' RT. WATER VALVE
969+68 21' LT. WATER VALVE
969+67 5' RT. WATER VALVE
969+76 5' RT. FIRE HYDRANT
969+80 22' LT. WATER VALVE
969+81 35' LT. CL. DRIVEWAY
969+87 20' LT. CL. DRIVEWAY
969+98 29' LT. GAS LINE

970+37 5' RT. LIGHT POLE
970+38 29' LT. CL. DRIVEWAY
970+41 5' RT. LIGHT POLE
970+52 38' LT. UTILITY BOX
970+53 43' LT. CATCH BASIN

970+64 29' LT. CL. DRIVEWAY
970+66 29' LT. GAS LINE

970+81 38' LT. WATER VALVE

971+05 2' RT. CATCH BASIN
971+05 29' LT. STORM DRAIN
971+05 35' LT. CATCH BASIN
971+09 37' LT. POWER POLE
971+18 38' LT. UTILITY BOX

971+35 28' LT. CL. DRIVEWAY
971+36 29' LT. GAS LINE

971+60 21' LT. WATER VALVE
971+62 39' LT. WATER VALVE

971+83 29' LT. CL. DRIVEWAY

971+84 37' LT. LIGHT POLE
971+87 38' LT. WATER VALVE
971+88 8' RT. LIGHT POLE
971+88 22' LT. WATER VALVE
971+98 41' LT. UTILITY BOX
972+10 41' RT. WATER VALVE
972+10 20' LT. WATER VALVE

972+31 28' LT. GAS LINE

972+64 28' LT. CL. DRIVEWAY

972+70 15' LT. SANITARY MH

972+88 5' RT. WATER VALVE
972+88 20' LT. WATER VALVE
972+89 21' LT. WATER VALVE
972+98 28' LT. GAS LINE

973+36 5' RT. LIGHT POLE
973+36 7' RT. LIGHT POLE
973+38 28' LT. GAS LINE
973+43 38' LT. WATER VALVE

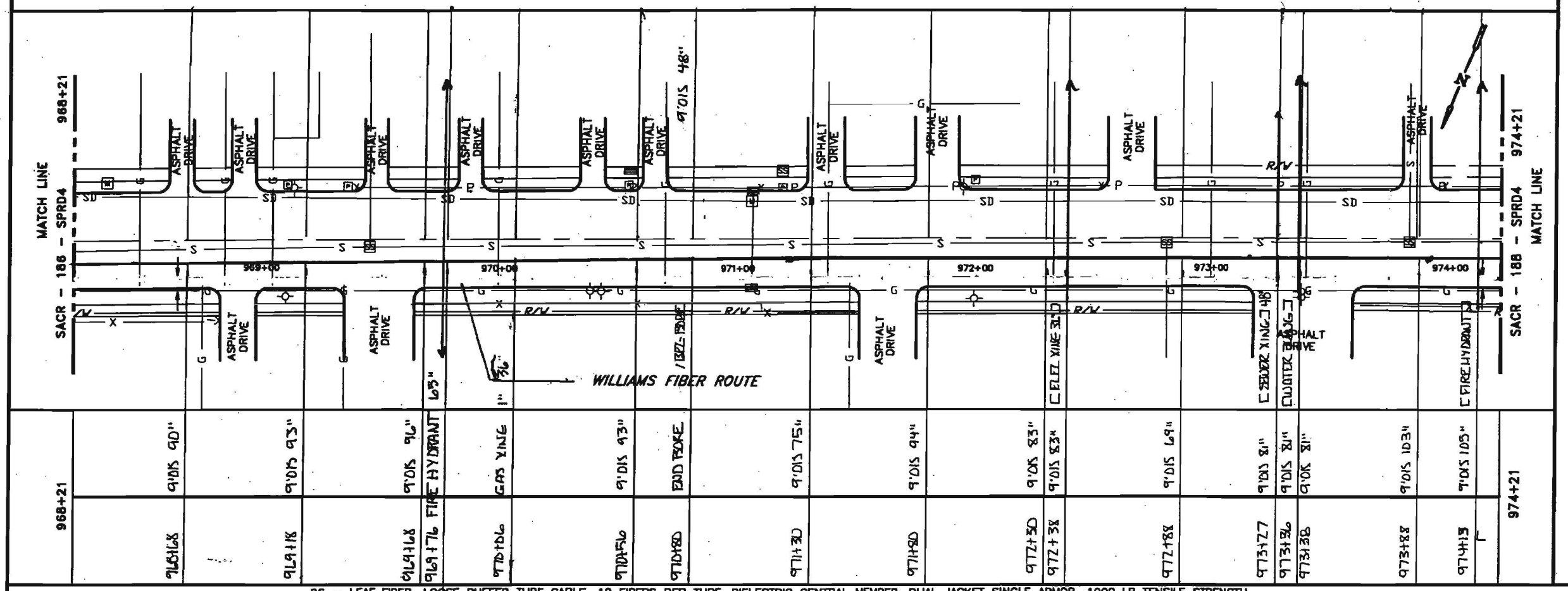
973+66 4' RT. FIRE HYDRANT
973+69 17' LT. WATER VALVE
973+74 22' LT. WATER VALVE
973+81 15' LT. SANITARY MH
973+81 28' LT. SEWER LINE
973+84 28' LT. CL. DRIVEWAY
973+95 38' LT. POWER POLE

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
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 1-1.25" HDPE SLATE 1-1.5" HDPE ORANGE

968+21		970+80
970+80		974+21
259'		341'
2-11 2-1.5" HDPE 1-1.25" HDPE GLORIA TABOR 1.23.01 MGE	IN BLACK 1.25" HDPE GSA - TRACER WIRE GLORIA TABOR 7-9-01	2-11 2-1.5" HDPE 1-1.25" HDPE GLORIA TABOR 7.5.01 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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- River Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- C.L. Road
- C.L. RR Tracks
- Fence
- Oil 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
- PL Pavg 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
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-562-9069

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
3	REVISED RUNNING LINE	MW	10/20

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

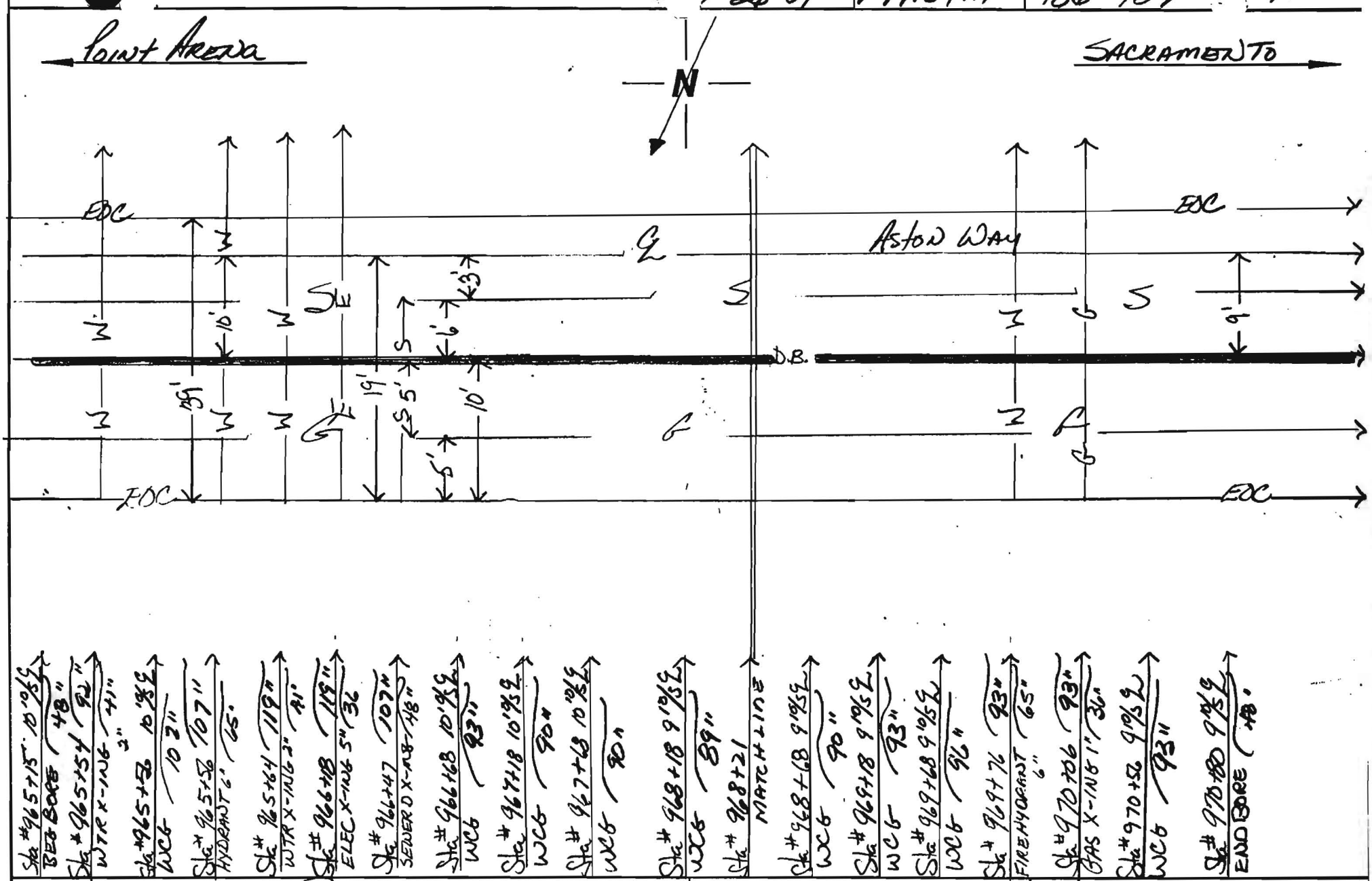
COMMUNICATIONS GROUP
Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=50'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-187-SPRD4

W[illegible]ms CONSTRUCTION AS-BUILT DOCUMENTAT[illegible]

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
1-24-01	P99154.11	186 - 187	4A



NOTES: 565' BORE

COUNTY: Sonoma

CONTRACTOR: M.G.E.

DUCT CONFIGURATION: (2) 1½ (1) 1¼ N.D.P.E.

INSPECTOR: GLORIA TABOR

PAGE OF

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE: 1-24-01 | PROJECT: P99154.11 | DWG/ALIGNMENT SHEET#: 186-187 | SPREAD #: 4A

Point Arena ← N → Sacramento



NOTES:
565' BORE

COUNTY: Sonoma

CONTRACTOR: MGE

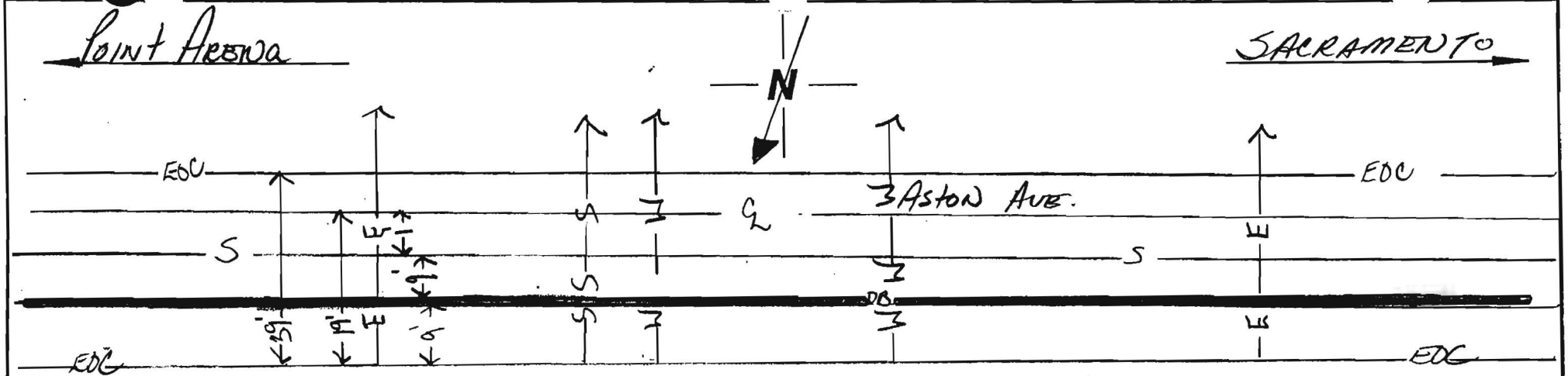
DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR: GLORIA TABOR

PAGE OF

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE: | PROJECT: P99154.11 | DWG/ALIGNMENT SHEET#: 187-188 | SPREAD #: 4A



Sta# 970+80 9°1/2 ℄ BEG BORE 48"

Sta# 971+30 9°1/2 ℄ WC1 75"

Sta# 971+80 9°1/2 ℄ WC6 94"

Sta# 972+30 9°1/2 ℄ WC6 83"

Sta# 972+38 83" ELEC X-ING 31'

Sta# 972+88 8°1/2 ℄ WC6 69"

Sta# 973+27 89" SEWER X-ING 48'

Sta# 973+36 81" WTR X-ING 10" 62'

Sta# 973+38 9°1/2 ℄ WC6 81"

Sta# 973+88 9°1/2 ℄ WC6 163"

Sta# 974+13 105" FIRE HYDRANT 54"

Sta# 974+21 MATCHLINE

Sta# 974+38 9°1/2 ℄ WC6 101"

Sta# 974+88 9°1/2 ℄ WC6 95"

Sta# 975+23 89" ELEC X-ING 36"

Sta# 975+38 5°1/2 ℄ WC6 72"

Sta# 975+52 9°1/2 ℄ END BORE 48"

NOTES:
472' BORE

COUNTY: Sonoma

CONTRACTOR: MGE

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR: GLORIA TABOR

PAGE OF

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:

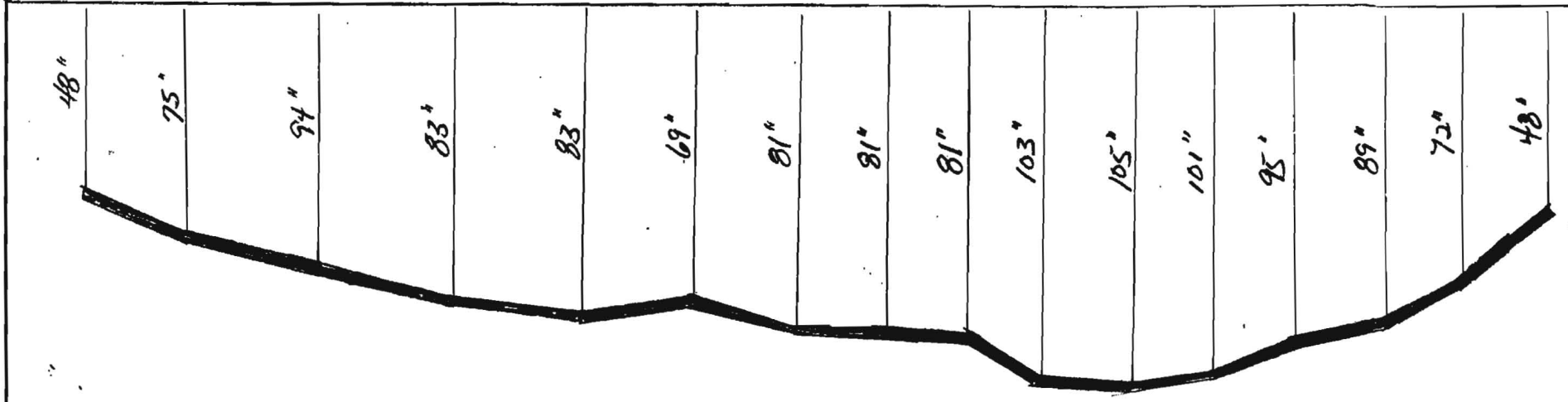
PROJECT: P99154.11

DWG/ALIGNMENT SHEET#: 187-188

READ #: 4A

Point Arena ← N → Sacramento

Asphalt



Sta # 970+80 9°%E BEG BORE 48"

Sta # 971+30 9°%E WCB 75"

Sta # 971+80 9°% WCB 94"

Sta # 972+30 9°%E WCB 83"

Sta # 972+38 88" ELECT-INC 36"

Sta # 972+88 9°%E WCB 69"

Sta # 973+27 84" SEWER-INC 48"

Sta # 973+36 81" WTR X-ING 10" 63"

Sta # 973+38 9°%E WCB 81"

Sta # 973+88 9°%E WCB 103"

Sta # 974+13 105" FIRE HYDRANT 54"

Sta # 974+38 9°%E WCB 101"

Sta # 974+88 9°%E WCB 95"

Sta # 975+33 89" ELECT-INC 36"

Sta # 975+38 9°%E WCB 72"

Sta # 975+52 9°%E END BORE 48"

NOTES:

472' BORE

COUNTY: Sonoma

CONTRACTOR: MGE

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR: GLORIA TABOR

PAGE OF

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

974+54 22' LT. WATER VALVE
974+60 28' LT. CL. DRIVEWAY
974+78 28' LT. GAS LINE
974+84 6' RT. LIGHT POLE
974+84 36' LT. WATER VALVE
974+86 40' LT. UTILITY BOX
974+90 38' LT. LIGHT POLE
975+25 28' LT. CL. DRIVEWAY
975+31 28' LT. TEL. LINE
975+37 MANHOLE
GLORIA TABOR 3-5-01
975+58 16' LT. SANITARY MH
975+62 37' LT. UTILITY BOX
975+66 39' LT. UTILITY BOX
975+72 36' LT. POWER POLE
975+73 28' LT. GAS LINE
975+92 7' RT. WATER VALVE
976+15 28' LT. GAS LINE
976+15 39' LT. WATER VALVE
976+17 7' RT. LIGHT POLE
976+57 26' LT. CL. DRIVEWAY
976+62 7' RT. WATER VALVE
976+75 36' LT. WATER VALVE
977+04 28' LT. CL. DRIVEWAY
977+11 6' RT. WATER VALVE
977+15 36' LT. POWER POLE
977+18 4' RT. CATCH BASIN
977+18 26' LT. CATCH BASIN
977+18 33' LT. STORM DRAIN
977+18 33' LT. CATCH BASIN
977+24 37' LT. UTILITY BOX
977+28 28' LT. GUY
977+41 6' RT. WATER VALVE
977+45 39' LT. UTILITY BOX
977+56 9' RT. LIGHT POLE
977+65 6' RT. FIRE HYDRANT
977+68 29' LT. CL. DRIVEWAY
977+67 21' LT. WATER VALVE
978+28 30' LT. GAS LINE
978+27 7' RT. UTILITY BOX
978+55 7' RT. UTILITY BOX
978+60 29' LT. STORM DRAIN
978+60 34' LT. CATCH BASIN
978+61 5' RT. CATCH BASIN
978+67 7' RT. UTILITY BOX
978+67 11' RT. UTILITY BOX
978+68 37' LT. UTILITY BOX
978+75 51' LT. UTILITY BOX
978+77 18' RT. UTILITY BOX
978+83 48' RT. WATER VALVE
978+83 50' RT. WATER VALVE
978+88 29' LT. TEL. LINE
978+41 9' LT. SANITARY MH
978+43 3' LT. SANITARY MH
978+49 3' RT. WATER VALVE
978+54 39' RT. WATER VALVE
978+57 3' RT. WATER VALVE
978+58 3' LT. SEWER LINE
978+58 26' LT. STORM DRAIN
978+58 37' LT. TEL. LINE
978+62 37' RT. UTILITY BOX
978+62 34' RT. UTILITY BOX
978+81 20' RT. UTILITY BOX
978+83 48' LT. UTILITY BOX
978+83 25' LT. MANHOLE
979+85 6' LT. UTILITY BOX
979+86 44' LT. CATCH BASIN
979+97 47' LT. UTILITY BOX
980+03 46' LT. WATER VALVE
979+30 ELOY DOOR 24'005
ELOY ROOF 24'005

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
SONOMA COUNTY
CALIFORNIA

SACRAMENTO →

MATCH LINE
SACR – 189 – SPRD4
980+20

MATCH LINE
SACR – 187 – SPRD4
974+21

ASTON AVE
ASTON WAY
WILLIAMS FIBER ROUTE
ASPHALT DRIVE
CONCRETE DRIVE
R/W
975+00
976+00
977+00
978+00

974+21 | 975+52 | 979+30

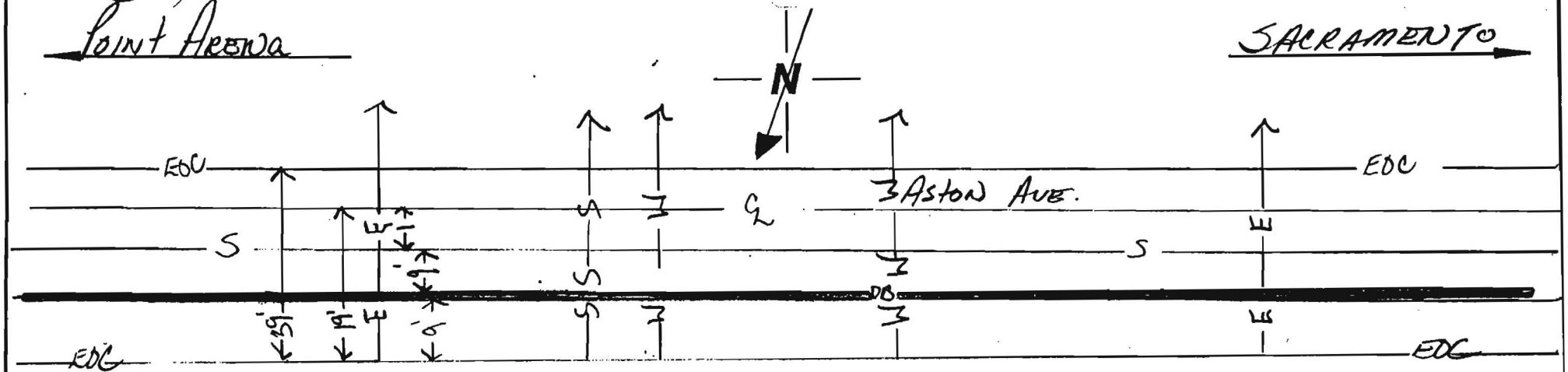
| | | |

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE: | PROJECT: P99154.11 | DWG ALIGNMENT SHEET #: 187-188 | DRAWING #: 4A

Point Arena

SACRAMENTO



Sta # 970+80 9°15' ℄ BEG BORE 48"

Sta # 971+30 9°15' ℄ WC6 75"

Sta # 971+80 9°15' ℄ WC6 94"

Sta # 972+30 9°15' ℄ WC6 83"

Sta # 972+38 83" ELEC X-ING 36"

Sta # 972+88 8°15' ℄ WC6 69"

Sta # 973+27 89° SEWER X-ING 48"

Sta # 973+36 81" WTR X-ING 10" 630

Sta # 973+38 9°15' ℄ WC6 81"

Sta # 973+88 9°15' ℄ WC6 103"

Sta # 974+13 105" FIRE HYDRANT 54"

Sta # 974+21 MATCHLINE

Sta # 974+38 9°15' ℄ WC6 101"

Sta # 974+88 9°15' ℄ WC6 95"

Sta # 975+33 89° ELEC X-ING 36"

Sta # 975+38 9°15' ℄ WC6 72"

Sta # 975+52 9°15' ℄ END BORE 48"

NOTES:
472' BORE

PAGE OF

COUNTY: Sonoma

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

CONTRACTOR: MGE

INSPECTOR: GLORIA TABOR

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:

PROJECT: 044154.11

DWG/ALIGNMENT SHEET #: 187-188

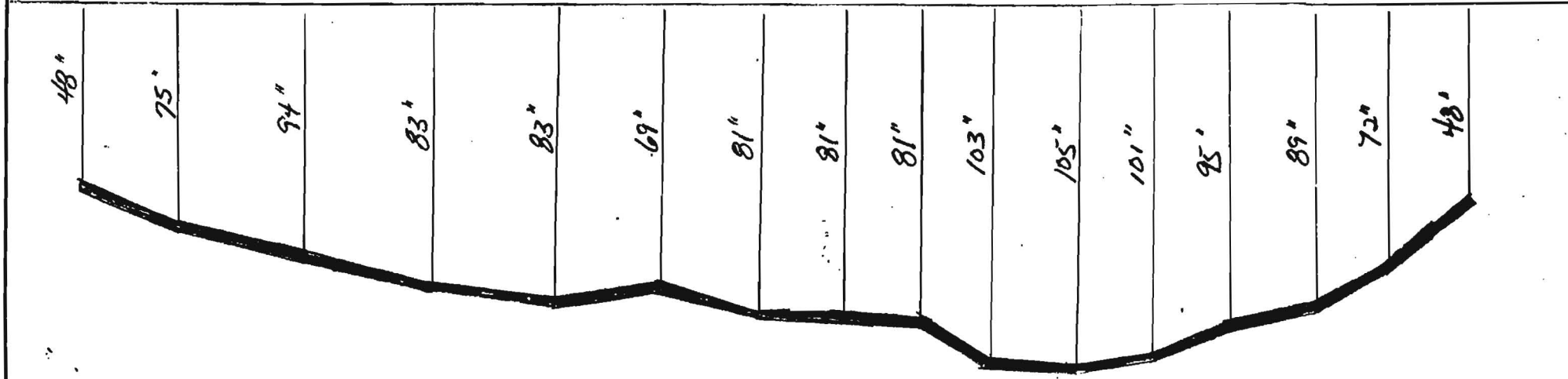
THREAD #: 4A

POINT ARENA

N

SACRAMENTO

ASPHALT



Sta # 970+80 9'0"S
BEG BORE 48"

Sta # 971+30 9'0"S
WC6 75"

Sta # 971+80 9'0"S
WC6 94"

Sta # 972+30 9'0"S
WC6 83"

Sta # 972+38 88"
ELEC X-ING 36"

Sta # 972+88 9'0"S
WC6 69"

Sta # 973+27 81'
SEWER X-ING 48"

Sta # 973+36 81'
WTR X-ING 16" 63"

Sta # 973+38 9'0"S
WC6 81"

Sta # 973+88 9'0"S
WC6 103"

Sta # 974+13 105"
FIRE HYDRANT 6"

Sta # 974+38 9'0"S
WC6 101"

Sta # 974+88 9'0"S
WC6 95"

Sta # 975+33 89"
ELEC X-ING 36"

Sta # 975+38 9'0"S
WC6 72"

Sta # 975+52 9'0"S
END BORE 48"

NOTES:

472' BORE

PAGE OF

COUNTY: Sonoma

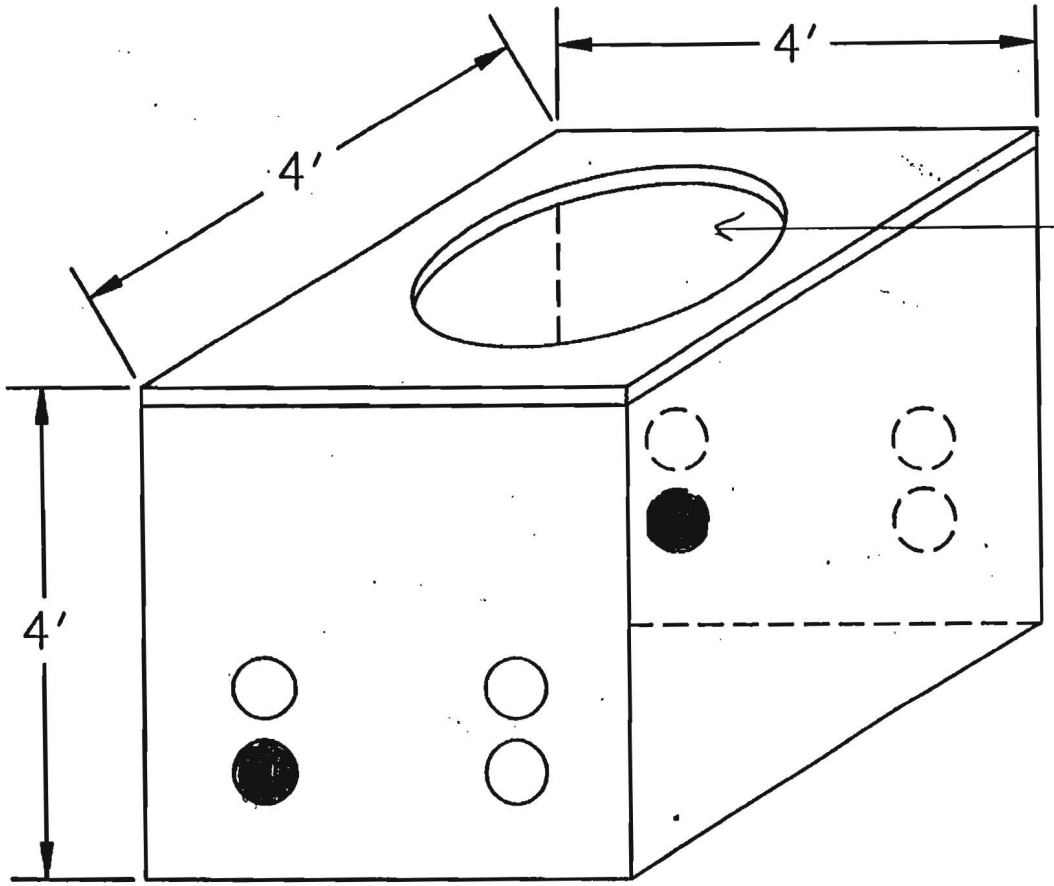
CONTRACTOR: MGE

DUCT CONFIGURATION: (2) 1 1/2 (1) 1 1/4 H.D.P.E.

INSPECTOR: GLORIA TABOR

WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
3-5-01	P99154.11	186	4A



N

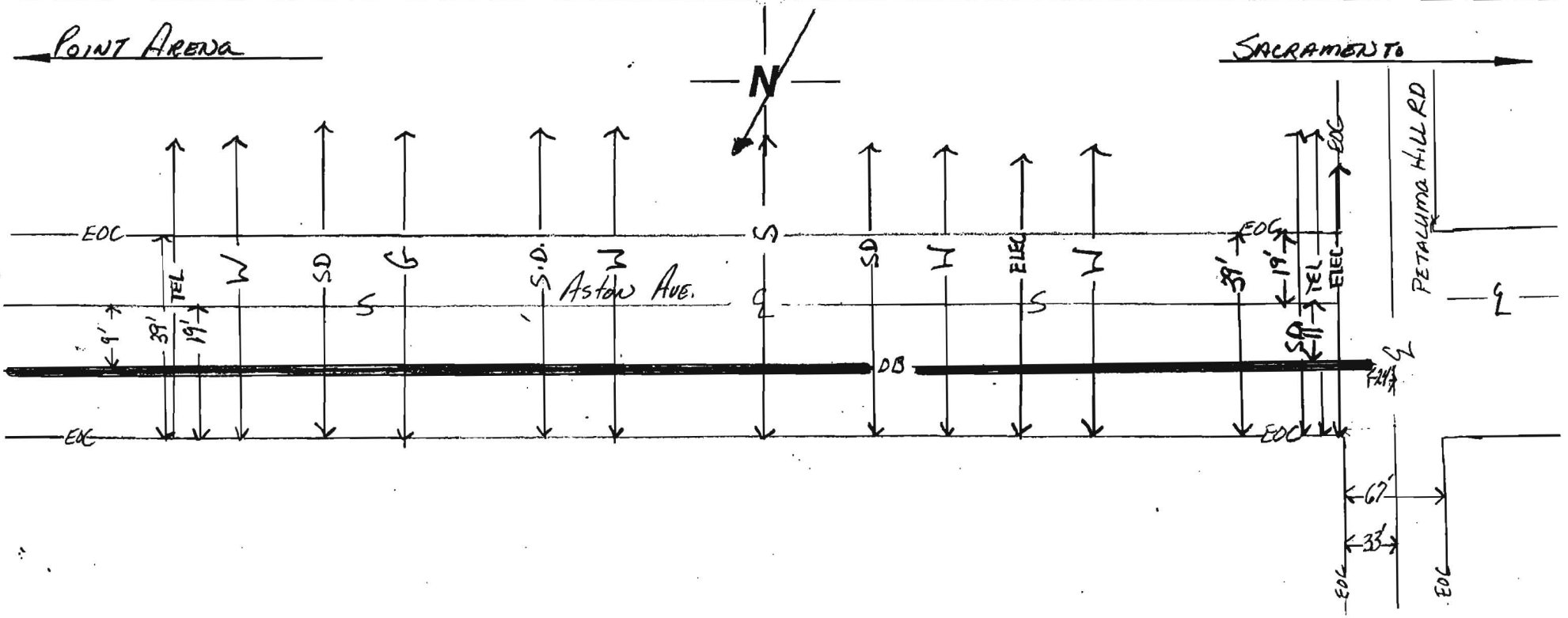
Sta # 975+37 9"½ Q

Aston Way

NOTES:	COUNTY:	CONTRACTOR:
FIELD SIDE ENTRANCE	Sonoma	M.G.E.
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: GLORIA TABOR

W[illegible]ms CONSTRUCTION AS-BUILT DOCUMENTATI[illegible]

DATE:	PROJECT:	DWG/ALIGNMENT SHEET #	PREAD #
2-13-01	899154.11	188	4A



Sta # 975+52 5°½ ℄ BEG BORE 48"

Sta # 976+02 5°½ ℄ WC6 94"

Sta # 976+06 TEL X-ING 94"

Sta # 976+32 87" WTR X-ING 36"

Sta # 976+35 87" SEWER DRAIN

Sta # 976+45 87" GAS X-ING 37"

Sta # 976+52 5°½ ℄ WC6 87"

Sta # 976+55 111" SEWER DRAIN

Sta # 976+70 111" WTR X-ING 45"

Sta # 976+70 9°½ ℄ WC6 115"

Sta # 977+05 117" SEWER X-ING ?

Sta # 977+20 9°½ ℄ WC6 117"

Sta # 977+25 117" SEWER DRAIN

Sta # 977+47 133" WTR X-ING 36"

Sta # 977+63 133" ELEC X-ING 34"

Sta # 977+73 153" HYDRANT 41" 61"

Sta # 978+19 11°½ ℄ WC6 157"

Sta # 978+69 11°½ ℄ WC6 141"

Sta # 978+69 141" SEWER DRAIN

Sta # 978+86 108" TEL X-ING 61"

Sta # 978+89 108" ELEC X-ING 63"

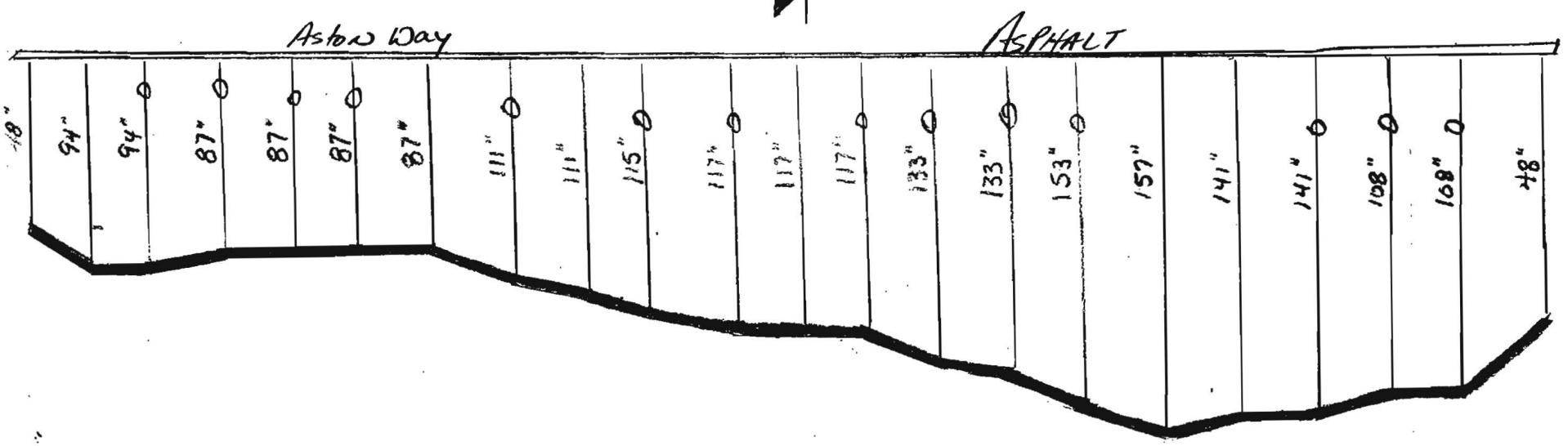
Sta # 979+30 24°½ ℄ END BORE 48"

NOTES:	COUNTY:	CONTRACTOR:
378' BORE	Sonoma	M.G.E.
24°½ ℄ OF PETALUMA HILL RD (END BORE)	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: GLORIA TABOR
PAGE OF		

W[illegible]MS CONSTRUCTION AS-BUILT DOCUMENTATI[illegible]

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
2-13-01	P99154.11	188	4A

POINT AREYES ← N → SACRAMENTO



Sta # 975+52 5'0/S ℄ BEG BORE 48"
Sta # 976+02 5'0/S ℄ WCB 94"
Sta # 976+06 94" TEL X-ING
Sta # 976+32 87" WTR X-ING 36"
Sta # 976+35 87" SEWER DRAIN
Sta # 976+45 87" GAS X-ING 37"
Sta # 976+52 5'0/S ℄ WCB 87"
Sta # 976+55 111" SEWER DRAIN
Sta # 976+70 111" WTR X-ING 45"
Sta # 976+70 5'0/S ℄ WCB 115"
Sta # 977+05 117" SEWER X-ING
Sta # 977+20 5'0/S ℄ WCB 117"
Sta # 977+25 117" SEWER DRAIN
Sta # 977+47 133" WTR X-ING 36"
Sta # 977+63 133" ELEC X-ING 34"
Sta # 977+23 153" HYDRANT 4" 61"
Sta # 978+19 11'0/S ℄ WCB 159"
Sta # 978+69 11'0/S ℄ WCB 141"
Sta # 978+69 141" SEWER DRAIN
Sta # 978+86 108" TEL X-ING 61"
Sta # 978+89 108" ELEC X-ING 63"
Sta # 979+30 24'0/S ℄ END BORE 48"

NOTES:
378' BORE.
24'0/S ℄ OF PETALUMA HILL RD.

PAGE OF

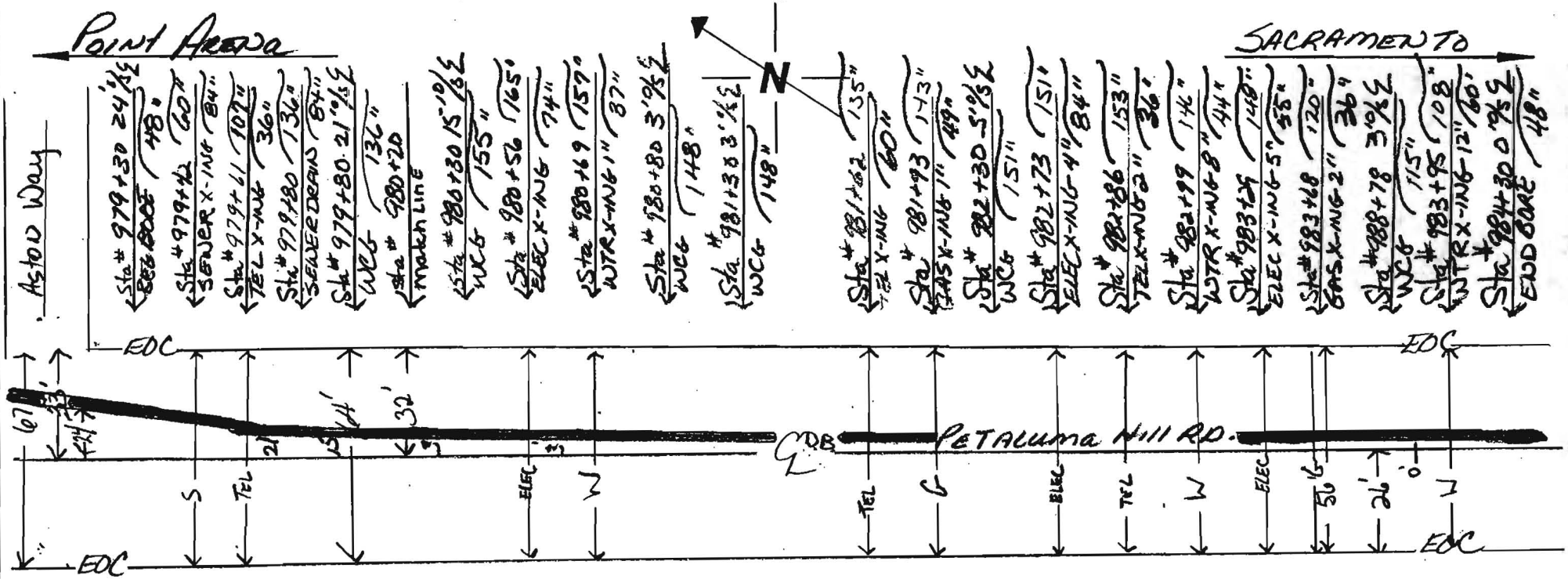
COUNTY: SONOMA

DUCT CONFIGURATION: (2) 1½ (1) 1½ H.D.P.E.

CONTRACTOR: M.G.E.

INSPECTOR: GLORIA TABOR

Williams CONSTRUCTION AS-BUILT DOCUMENTATION	DATE: 2-15-01	PROJECT: P99154.11	DWG/ALIGNMENT SHEET #: 188-189	SPREAD #: 4A



NOTES:	COUNTY:	CONTRACTOR:
500' BORE	Sonoma	M.G.E
	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: GLORIA TABOR
PAGE OF		

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE: 2-15-01 | PROJECT: P99154.11 | DWG/ALIGNMENT SHEET#: 188-189 | SPREAD #: 4A

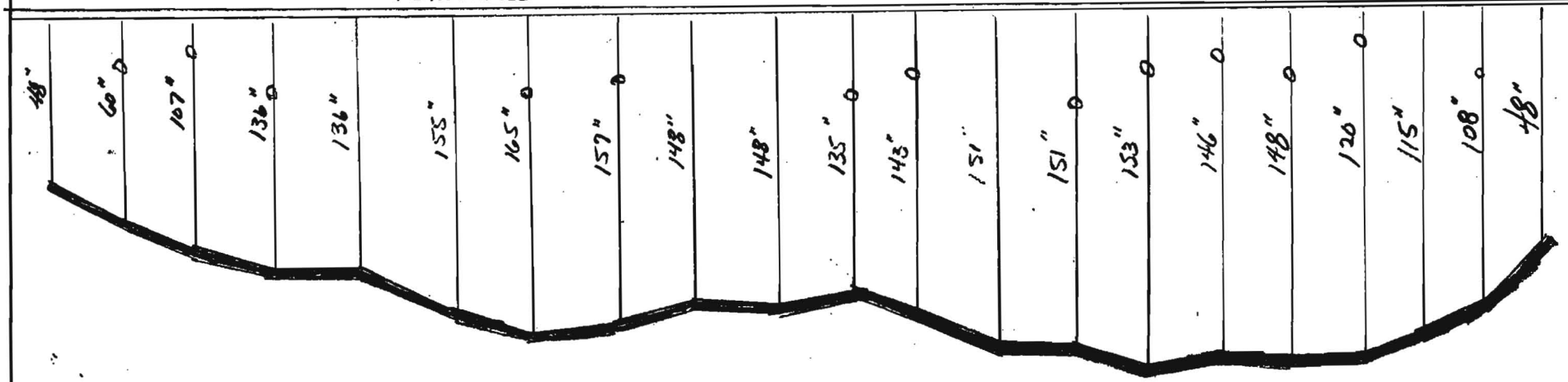
POINT ARENA

N

SACRAMENTO

PETALUMA HILL RD.

ASPHALT



Sta # 979+30 24"/S
ELE BORE
48"

Sta # 979+42
SEWER-INS
60"
84"

Sta # 979+61
TEL X-INS
107"
36"

Sta # 979+80
SD X-INS
136"
84"

Sta # 979+80 01"/S
WCS
136"

Sta # 980+30 15"/S
WCS
155"

Sta # 980+56
ELEC X-INS
165"
74"

Sta # 980+69
WTR X-INS 1"
152"
39"

Sta # 980+80 3"/S
WCS
148"

Sta # 981+30 3"/S
WCS
148"

Sta # 981+62
TEL X-INS
135"
60"

Sta # 981+93
GAS X-INS 1"
143"
49"

Sta # 982+80
WCS
151"

Sta # 982+73
ELECX-INS
151"
84"

Sta # 982+86
TEL X-INS 2"
153"
36"

Sta # 982+99
WTR X-INS 8"
146"
44"

Sta # 983+29
ELEC X-INS 5"
148"
58"

Sta # 983+63
GAS X-INS 2"
120"
36"

Sta # 983+28 3"/S
WCS
115"

Sta # 983+95
WTR X-INS 12" Cu.
108"
108"

Sta # 984+30 01"/S
END BORE
48"

NOTES:

500' BORE.

PAGE OF

COUNTY: Sonoma

DUCT CONFIGURATION: (2) 1½ (1) 1¼ N.D.P.E.

CONTRACTOR: MGE

INSPECTOR: GLORIA TABOR

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

980+25 9' LT. SANITARY MH
980+30 24' RT. UTILITY BOX
980+35 25' RT. UTILITY BOX

980+51 59' LT. MANHOLE
980+52 20' RT. WATER VALVE
980+55 60' LT. MANHOLE
980+56 51' LT. UTILITY BOX
980+59 52' LT. UTILITY BOX
980+70 47' LT. WATER VALVE

981+26 CL DRIVEWAY

981+39 19' RT. WATER VALVE
981+43 20' RT. WATER VALVE
981+48 22' RT. MANHOLE

981+80 20' RT. UTILITY BOX
981+63 23' RT. UTILITY BOX
981+85 23' RT. UTILITY BOX
981+70 GAS LINE

981+92 19' RT. WATER VALVE
981+92 47' LT. WATER VALVE
982+01 47' LT. LIGHT POLE

982+12 47' LT. UTILITY BOX
982+13 50' LT. UTILITY BOX

982+25 CL DRIVEWAY

982+58 51' LT. WATER VALVE
982+64 49' LT. UTILITY BOX

982+72 20' RT. FIRE HYDRANT
982+77 49' LT. UTILITY BOX
982+83 23' RT. UTILITY BOX
982+90 24' RT. UTILITY BOX

983+01 48' LT. WATER VALVE
983+02 55' LT. WATER VALVE

983+14 1' RT. WATER VALVE
983+20 10' RT. SANITARY MH
983+22 SEWER LINE
983+23 45' LT. GUY
983+24 8' LT. SANITARY MH
983+31 47' LT. POWER POLE
983+32 50' LT. UTILITY BOX
983+35 45' LT. CATCH BASIN
983+37 STORM DRAIN
983+52 GAS LINE

983+64 19' RT. LIGHT POLE

984+01 45' LT. WATER VALVE

984+18 SEWER LINE
984+18 6' RT. MANHOLE
984+19 6' RT. MANHOLE
984+30 GLORIA TABOR 3-5-01
984+46 13' RT. CULVERT

984+66 6' RT. WATER VALVE
984+69 4' RT. GAS LINE
984+71 20' RT. WATER VALVE
984+76 40' LT. UTILITY BOX
984+81 5' RT. CL DRIVEWAY
984+84 25' RT. UTILITY BOX
984+87 26' RT. CULVERT
984+89 22' RT. UTILITY BOX
984+90 25' RT. WATER VALVE
984+90 26' RT. UTILITY BOX

985+13 25' RT. CULVERT
985+14 29' RT. MANHOLE

985+27 12' RT. CL DRIVEWAY
985+34 31' LT. UTILITY BOX
985+40 31' LT. UTILITY BOX
985+41 27' RT. CULVERT
985+43 29' LT. UTILITY BOX
985+45 14' RT. TEL. LINE
985+45 36' LT. CATCH BASIN
985+52 28' LT. LIGHT POLE

985+82 22' RT. WATER VALVE

985+92 15' RT. WATER VALVE

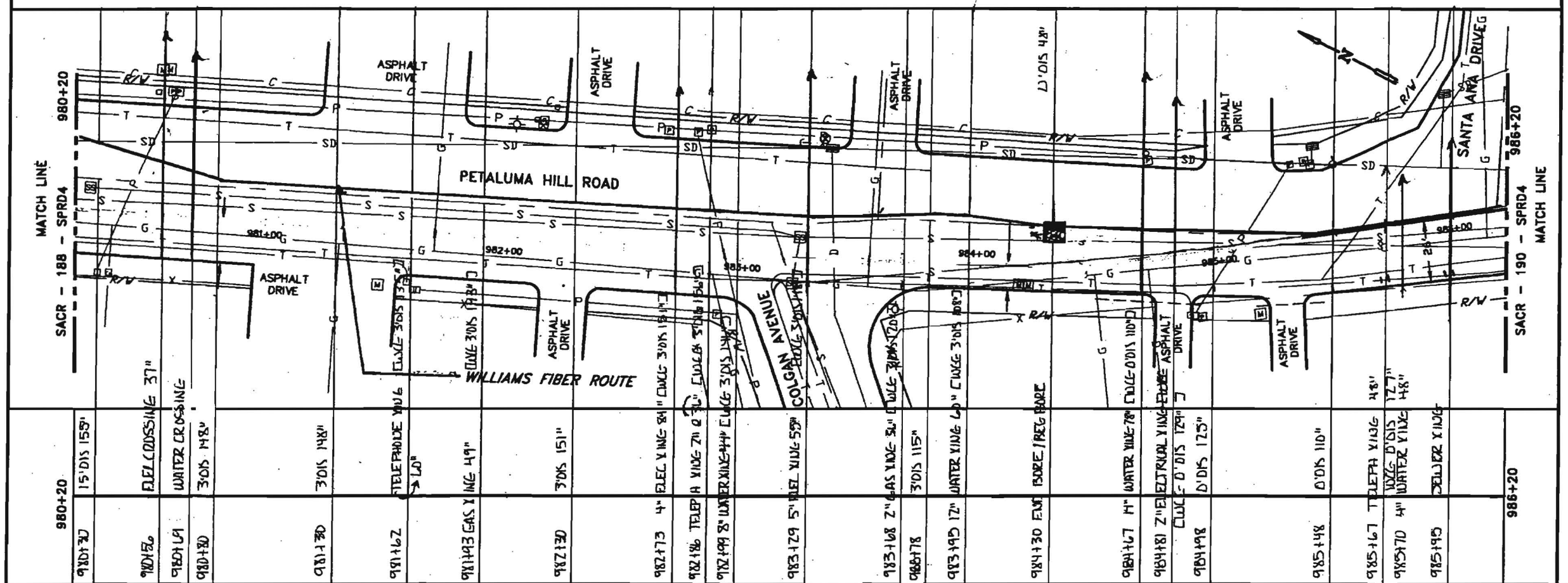
986+00 25' RT. WATER VALVE
986+02 50' LT. CATCH BASIN

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
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

980+20
984+30
410'
2-1.25" HDPE
2-1.5" HDPE
GLORIA TABOR
2.15.01
MGE

984+30
986+20
190'
2-1.0
2-1.5" HDPE
1-1.25" HDPE
GLORIA TABOR
2.2.01
MGE

IN BLACK 1.25 HDPE
GGA TRACER WIRE
GLORIA TABOR
7-9-01

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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the 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./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

1-800-562-9069

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
3	REVISED RUNNING LINE	MW	10/20

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

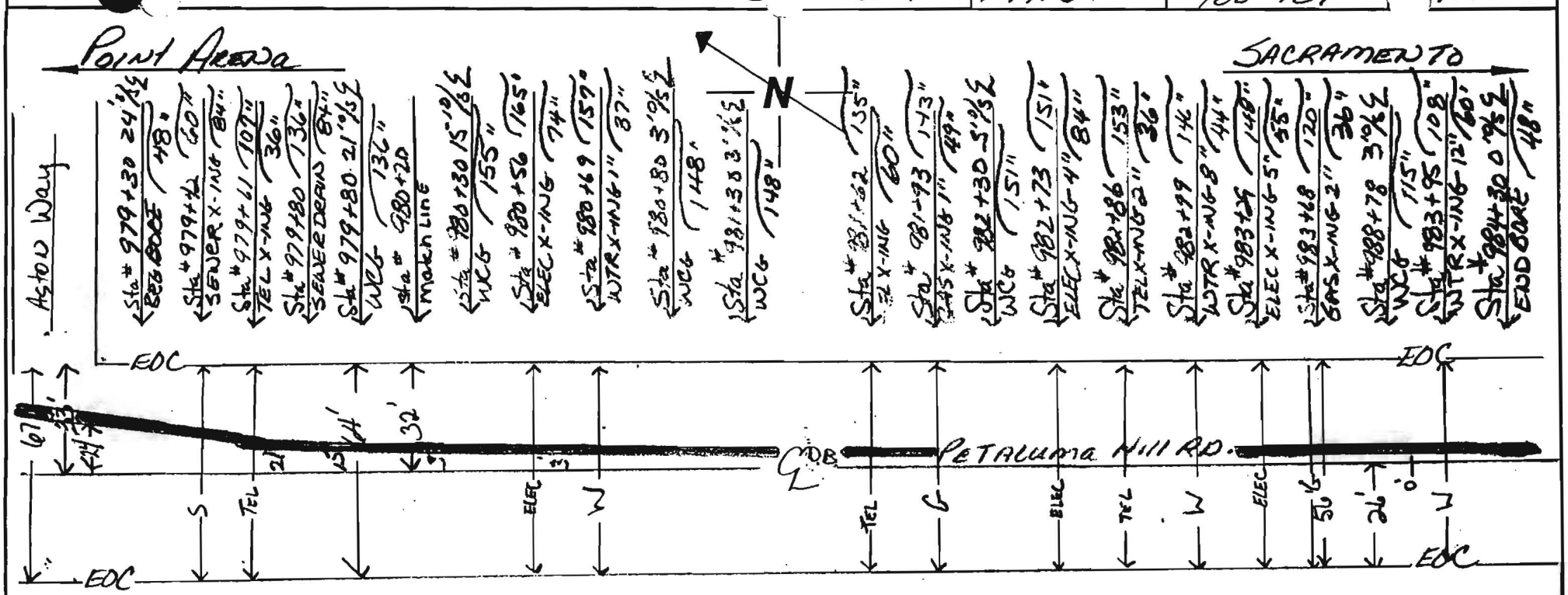
COMMUNICATIONS GROUP
Midcont Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=30'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-189-SPRD4

W[redacted]MS CONSTRUCTION AS-BUILT DOCUMENTATI[redacted]

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
2-15-01	P99154.11	188 - 189	4A



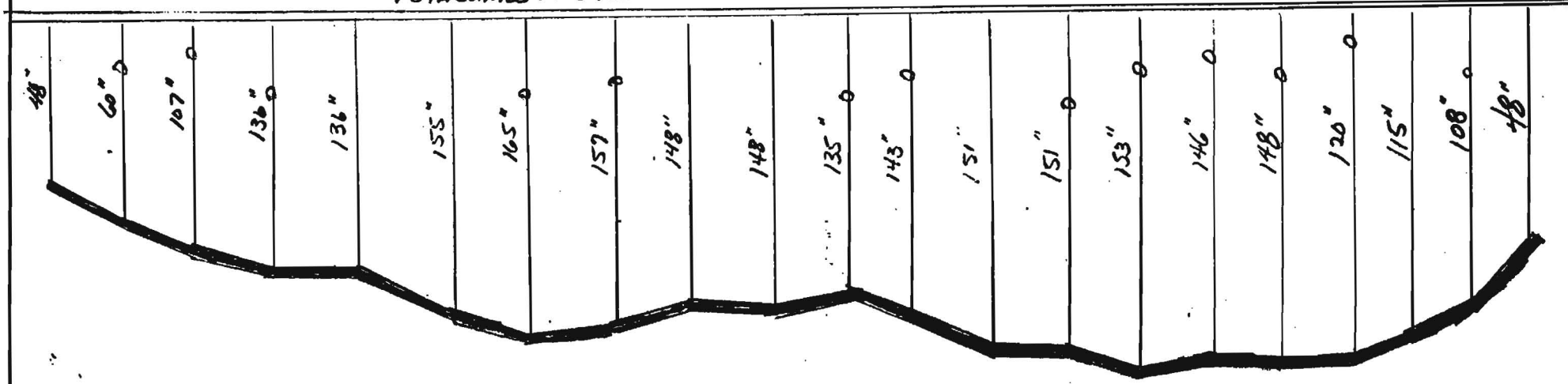
NOTES:	COUNTY:	CONTRACTOR:
500' BORE	Sonoma	M.G.E
	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: GLORIA TABOR
PAGE OF		

WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET #	READ #
2-15-01	P99154.11	188-189	4A

POINT ARENA ← N → SACRAMENTO

PETALUMA HILL RD. — ASPHALT



Sta # 979+30 24.3% LT — 48"
Sta # 979+42 — 60" — SEWER-INC — 84"
Sta # 979+61 — 107" — TEL X-ING — 30"
Sta # 979+80 — 136" — SD X-ING — 84"
Sta # 979+80 21.8% LT — WC6 — 36"
Sta # 980+30 15.1% LT — WC6 — 155"
Sta # 980+50 — 165" — ELEC X-ING — 94"
Sta # 980+69 — 157" — WTR X-ING 1" — 39"
Sta # 980+80 2.1% LT — WC6 — 148"
Sta # 981+30 3.1% LT — WC6 — 148"
Sta # 981+62 — 135" — TEL X-ING — 60"
Sta # 981+93 — 143" — GAS X-ING 1" — 49"
Sta # 982+80 — WC6 — 151"
Sta # 982+73 — 151" — ELECX-ING — 84"
Sta # 982+86 — 153" — TEL X-ING 2" — 36"
Sta # 982+99 — 146" — WTR X-ING 1" — 44"
Sta # 983+29 — 148" — ELEC X-ING 5" — 56"
Sta # 983+63 — 120" — GAS X-ING 2" — 36"
Sta # 983+78 3.1% LT — WC6 — 115"
Sta # 983+95 — 108" — WTR X-ING 12" — 60"
Sta # 984+30 0.1% LT — END BORE — 48"

NOTES:

50' BORE.

PAGE OF

COUNTY: Sonoma

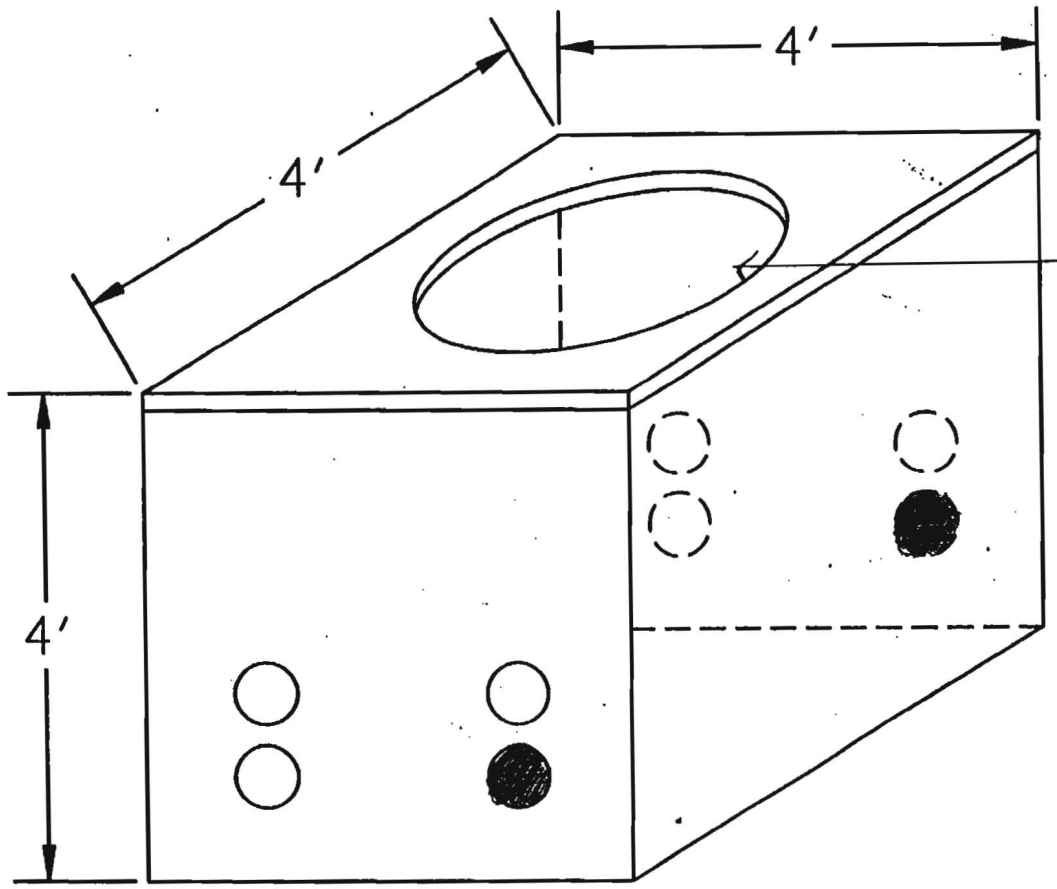
CONTRACTOR: MGE

DUCT CONFIGURATION: (2) 1½ (1) 1¼ N.D.P.E.

INSPECTOR: GLORIA TABOR

WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
3-5-01	P99154.11	189	4A

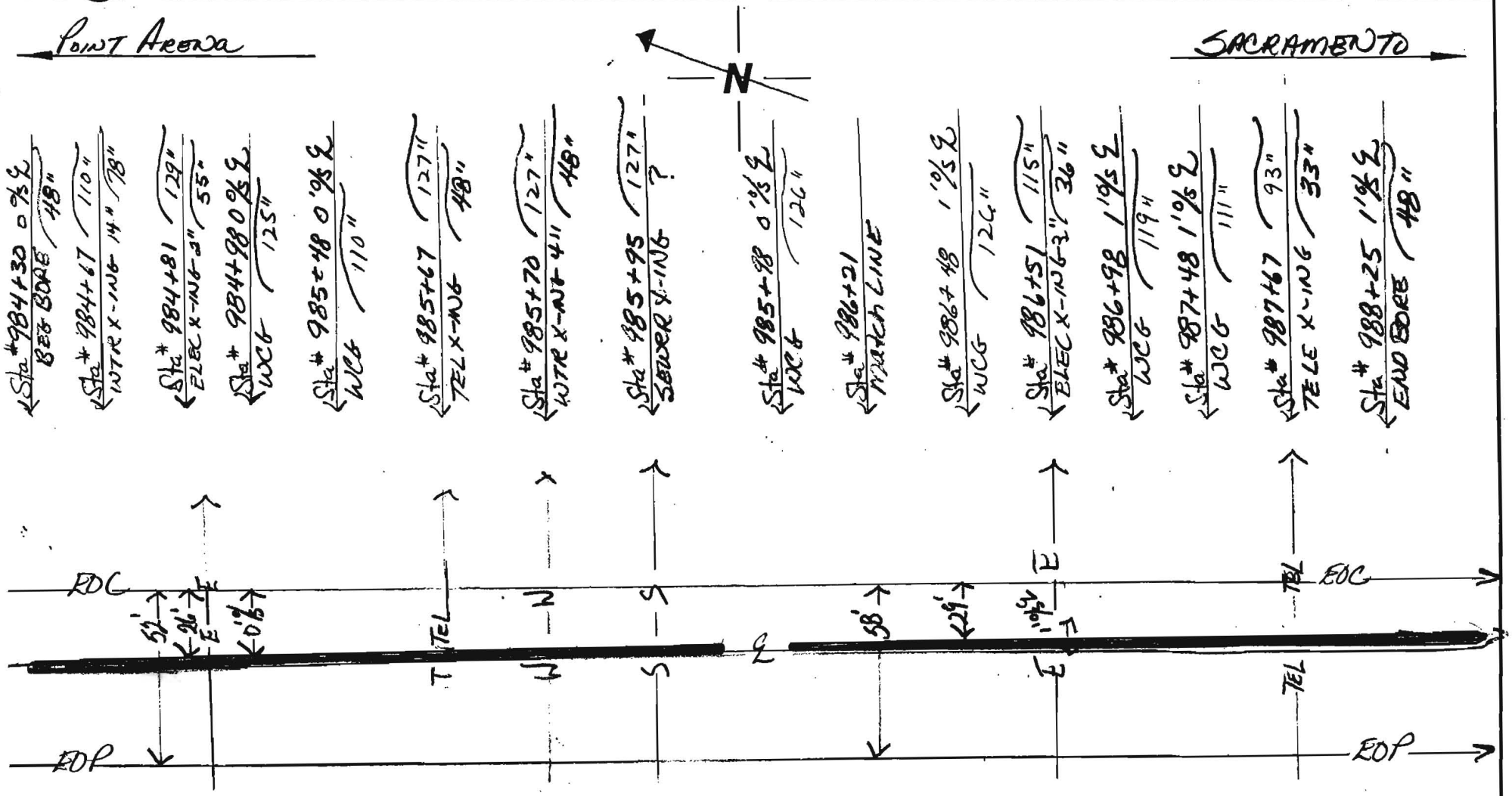


STA ± 984+30 0'0/SL
PETALUMA HILL RD.

NOTES: FIELD SIDE ENTRANCE	COUNTY: Sonoma	CONTRACTOR: M.G.E
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: GLORIA TABOR

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

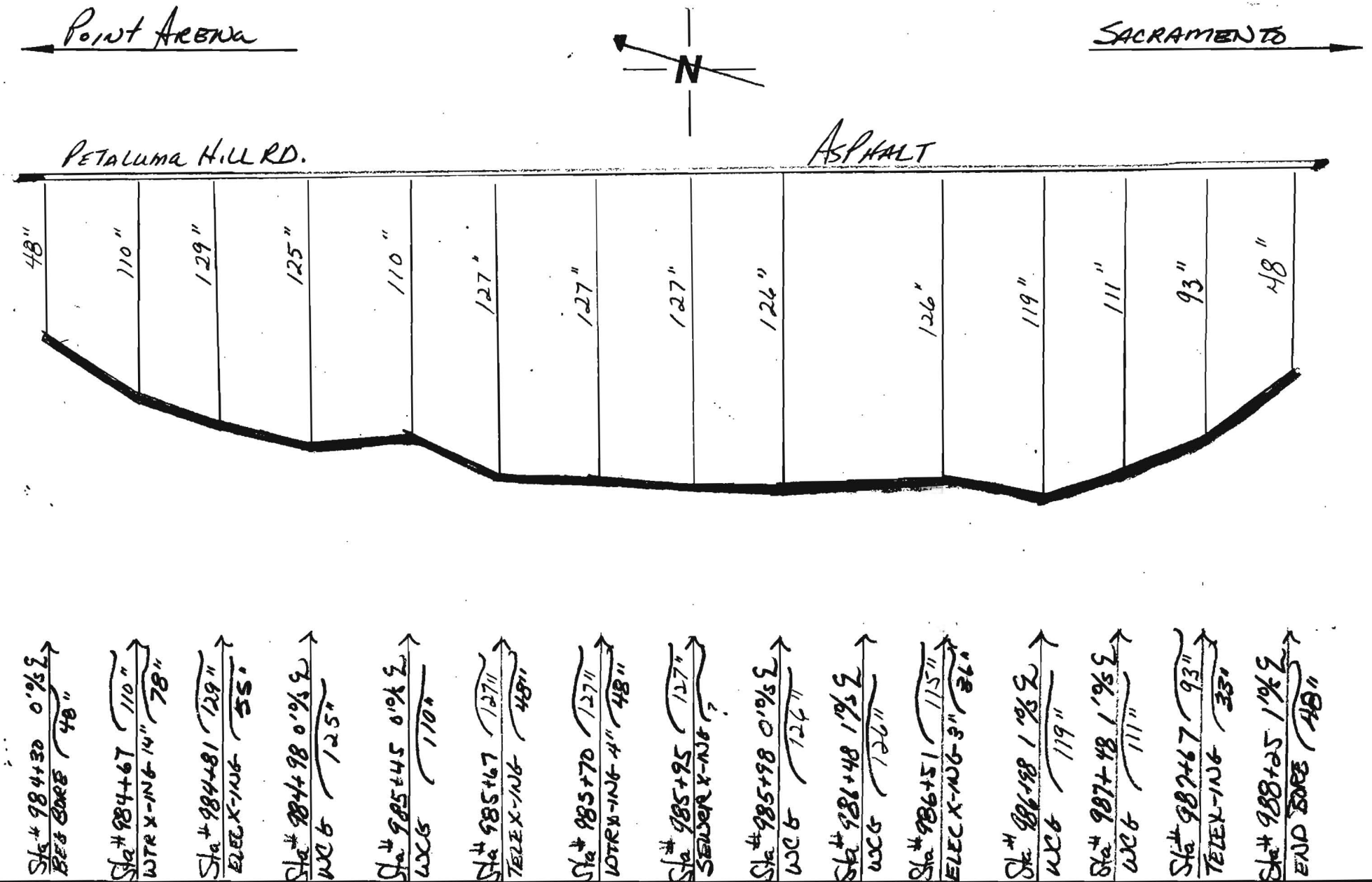
DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	READ #
2-2-01	P99154.11	189 - 190	LA



NOTES:	COUNTY:	CONTRACTOR:
395' BORE	Sonoma	M.G.E
	DUCT CONFIGURATION:	INSPECTOR:
PAGE OF	(2) 1½ (1) ¼ H.D.P.E.	GLORIA TABOR

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#:	READ #:
2-2-01	P99154.11	189-190	4A



NOTES:
395' BORE

COUNTY:
Sonoma

CONTRACTOR:
MGE

DUCT CONFIGURATION:
(2) 1½ (1) 1¼

INSPECTOR:
GLORIA TABOR

PAGE OF

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

986+28 17' RT. SANITARY MH
986+33 SANITARY MH
986+39 13' RT. STORM MH
986+41 20' LT. GAS LINE
986+49 8' RT. SANITARY MH
986+50 34' RT. POWER POLE
986+52 21' LT. LIGHT POLE
986+55 25' RT. STORM MH
986+56 72' LT. LIGHT POLE
986+70 31' RT. CULVERT

986+78 20' RT. CL. DRIVEWAY
986+83 31' LT. UTILITY BOX
986+85 33' LT. UTILITY BOX
986+88 31' RT. CULVERT
986+88 29' LT. CATCH BASIN

987+07 39' RT. WATER VALVE
987+09 41' RT. WATER VALVE
987+14 31' LT. UTILITY BOX
987+20 22' RT. CL. DRIVEWAY

987+33 21' RT. GAS LINE
987+36 31' RT. CULVERT

987+74 31' RT. CULVERT
987+78 42' RT. WATER VALVE

987+89 22' RT. CL. DRIVEWAY

988+02 31' RT. CULVERT
988+03 36' LT. UTILITY BOX
988+04 33' LT. UTILITY BOX
988+08 30' LT. UTILITY BOX
988+16 31' RT. CULVERT

988+30 22' RT. CL. DRIVEWAY

988+48 32' RT. CULVERT

989+02 23' RT. GAS LINE

989+09 42' LT. UTILITY BOX
989+11 26' LT. CATCH BASIN
989+13 43' LT. UTILITY BOX
989+17 41' RT. WATER VALVE
989+23 31' RT. CULVERT
989+23 31' LT. GUY
989+32 23' LT. CL. DRIVEWAY
989+38 23' LT. LIGHT POLE
989+39 30' LT. LIGHT POLE
989+48 30' LT. POWER POLE
989+52 31' RT. CULVERT

989+77 31' RT. CULVERT
989+80 42' RT. WATER VALVE
989+81 33' RT. WATER VALVE
989+83 42' RT. WATER VALVE
989+90 23' RT. CL. DRIVEWAY
990+00 40' RT. GUY
990+05 31' RT. CULVERT
990+06 41' RT. POWER POLE
990+10 31' RT. GUY
990+21 23' RT. GAS LINE

990+47 31' RT. CULVERT

990+66 22' RT. CL. DRIVEWAY
990+75 37' RT. POWER POLE
990+79 20' RT. SANITARY MH
990+78 30' LT. LIGHT POLE

990+99 38' RT. GUY

991+15 54' LT. CATCH BASIN

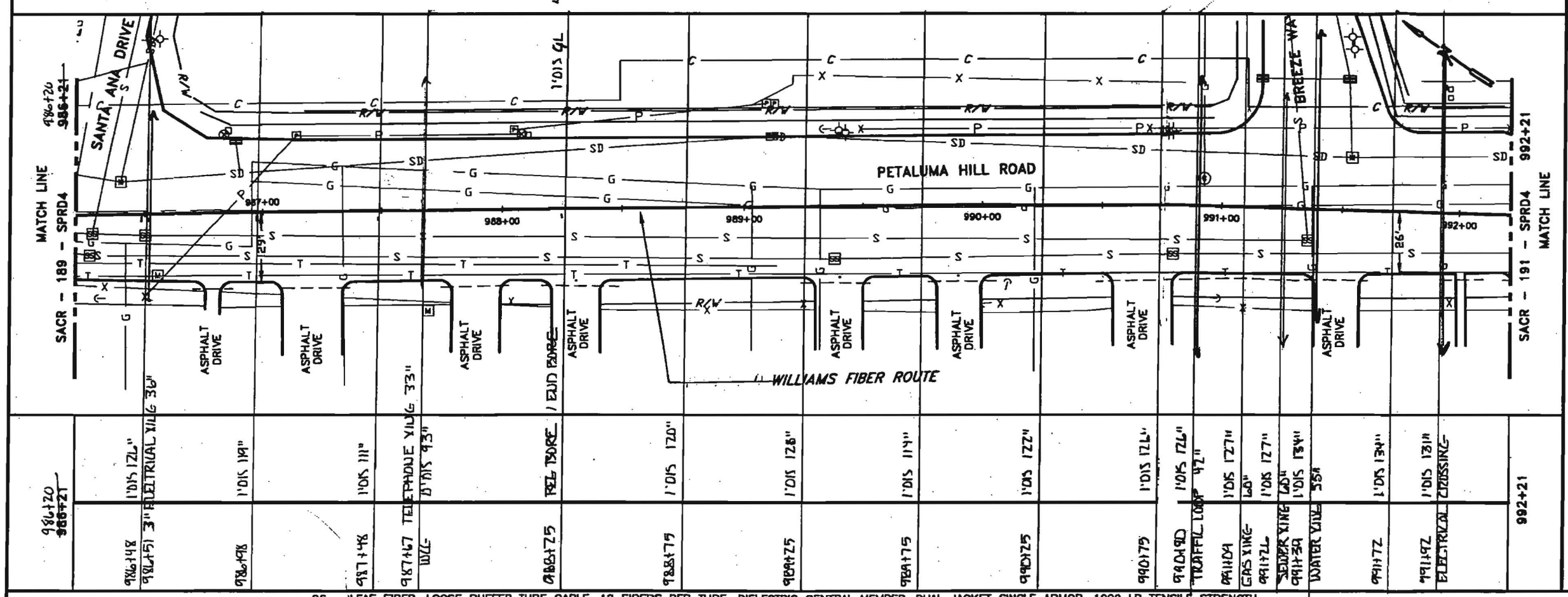
991+35 39' RT. WATER VALVE
991+36 12' RT. SANITARY MH
991+36 20' RT. GAS LINE
991+36 31' RT. WATER VALVE
991+39 49' LT. WATER VALVE
991+44 29' RT. WATER VALVE
991+45 26' RT. WATER VALVE
991+48 20' RT. CL. DRIVEWAY
991+50 31' LT. CATCH BASIN
991+51 22' LT. LIGHT POLE
991+52 56' LT. FIRE HYDRANT
991+52 66' LT. LIGHT POLE
991+61 29' RT. CULVERT
991+83 19' RT. GAS LINE
991+84 27' RT. CULVERT
991+86 50' LT. UTILITY BOX
992+10 36' RT. POWER POLE
RR?+1A 27' RT. CULVERT
RR?+1A 27' RT. CULVERT

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
SONOMA COUNTY
CALIFORNIA

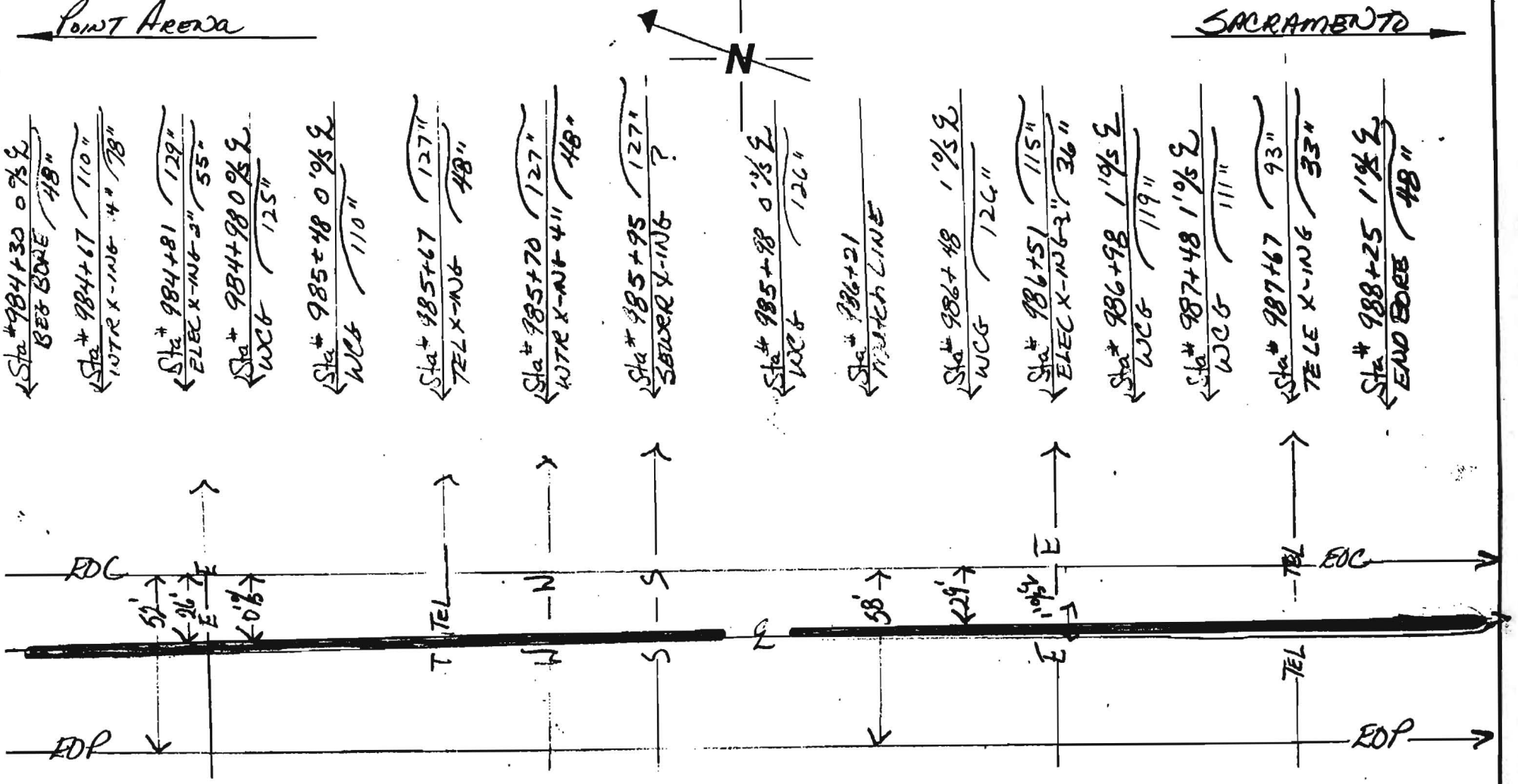
SACRAMENTO →



| | | |

Williams **CONSTRUCTION AS-BUILT DOCUMENTATION**

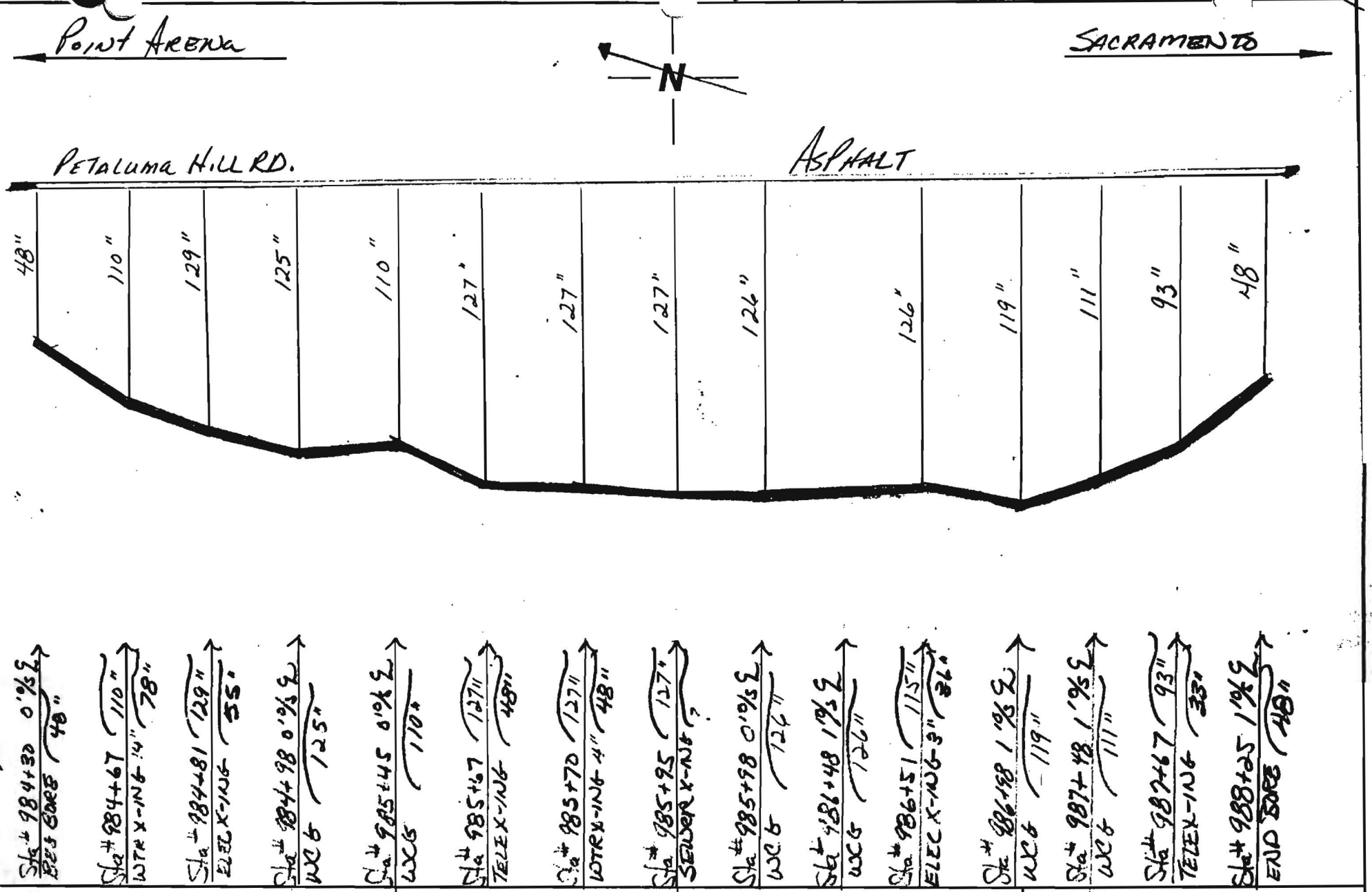
DATE:	PROJECT:	DWG/ALIGNMENT SHEET #:	PLAN #:
2-2-01	P99154.11	189 - 190	LA



NOTES: 395' BORE	COUNTY: Sonoma	CONTRACTOR: M.G.E
	DUCT CONFIGURATION: (2) 1 1/2 (1) 1 1/4 H.D.P.E.	INSPECTOR: GLORIA TABOR
PAGE OF		

Williams **CONSTRUCTION AS-BUILT DOCUMENTATION**

DATE:	PROJECT:	DWG/ALIGNMENT SHEET #:	READ IN:
2-2-01	G99154.11	189-190	4A



NOTES:
395' BORE

COUNTY:
Sonoma

CONTRACTOR:
MGE

DUCT CONFIGURATION:
(2) 1½ (1) 1¼

INSPECTOR:
GLORIA TABOR

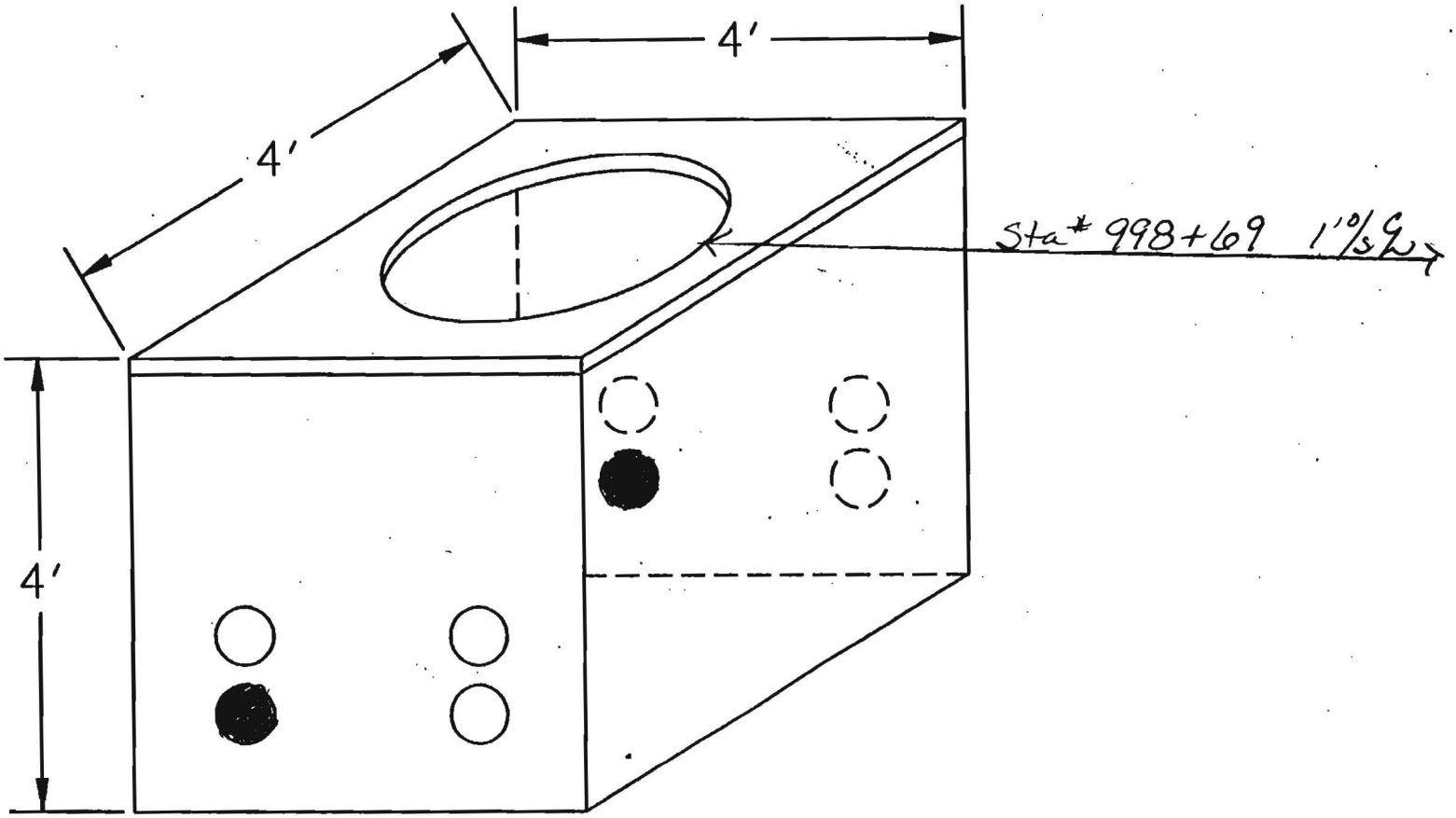
PAGE OF

WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION	DATE: 1-30-01	PROJECT: P99154,11	DWG/ALIGNMENT SHEET#: 192	SPREAD #: 4A

POINT ARENA

N

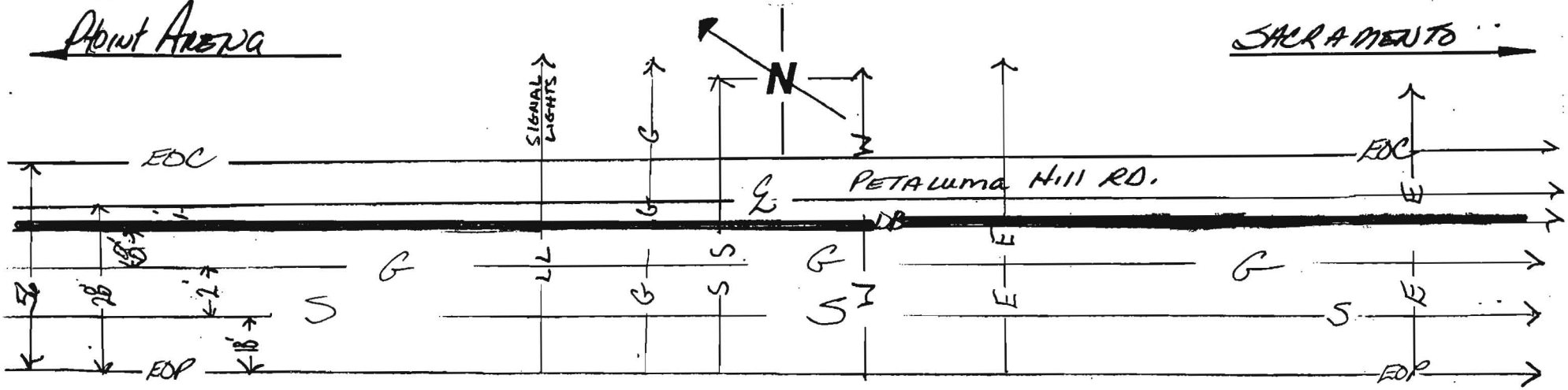
SACRAMENTO



NOTES: ENTER BOX on EASTSIDE OF ℄	COUNTY: Sonoma	CONTRACTOR: M.G.E.
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: GLORIA TABOR

Williams CONSTRUCTION AS-BUILT DOCUMENTAT

DATE	PROJECT	DWG/ALIGNMENT SHEET #	CREW #
1-24-01	P99154.11	190-191	4A



Sta #888+25 1½℄ Bor Bore 548'

Sta #888+75 1½℄ WCG 120"

Sta #889+25 1½℄ WCG 128"

Sta #889+75 1½℄ WCG 114"

Sta #990+25 1½℄ WCG 122"

Sta #990+75 1½℄ WCG 126"

Sta #990+98 126" Traffic Loop 45"

Sta #991+09 127" Gas X-ing 40"

Sta #991+26 127" Sewer X-ing 60"

Sta #991+39 134" WTR 8" X-ing 55°

Sta #991+72 1½℄ WCG 134"

Sta #991+92 131" Elec X-ing 37°

Sta #992+21 Match Line

Sta #992+42 1½℄ WCG 111"

Sta #992+52 1½℄ WCG 111"

Sta #993+42 1½℄ WCG 100"

Sta #993+59 85" Elec X-ing 37°

Sta #993+73 1½℄ End Bore 548'

NOTES:
548' BORE

COUNTY:
Sonoma

CONTRACTOR:
M.G.E.

DUCT CONFIGURATION:
(2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR:
GLORIA TABOR

PAGE OF

W[redacted]ns CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	READ
7-24-01	199154.11	190-191	4A

POINT AREna

SACRAMENTO

N

ASPHALT

PETALUMA HILL RD.

48" 120" 128" 114" 122" 126" 126" 127" 127" 134" 134" 131" 111" 111" 100" 85" 48"

Sta# 988+25 1½ S
BEG BORE 48"

Sta# 988+75 1¼ S
WCG 120"

Sta# 989+25 1¼ S
WCG 128"

Sta# 989+75 1¼ S
WCG 114"

Sta# 990+25 1¼ S
WCG 122"

Sta# 990+75 1¼ S
WCG 126"

Sta# 990+90 (126"
TRAFFIC LOOP (42"

Sta# 991+09 (127"
GAS 2" X-ING 60"

Sta# 991+26 127"
SEWER X-ING 60"

Sta# 991+39 134"
WTR X-ING 8" 65"

Sta# 991+72 1¼ S
WCG 134"

Sta# 991+92 131"
ELEC X-ING 37"

Sta# 992+42 1¼ S
WCG 111"

Sta# 992+92 1¼ S
WCG 111"

Sta# 993+42 1¼ S
WCG 100"

Sta# 993+59 (85"
ELEC X-ING 37"

Sta# 993+73 1¼ S
END BORE 48"

NOTES:
548' BORE

COUNTY:
Sonoma

CONTRACTOR:
M.G.E.

DUCT CONFIGURATION:
(2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR:
GLORIA TABOR

PAGE OF

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

992+18 35' LT. POWER POLE
992+32 17' RT. CL DRIVEWAY
992+40 14' RT. SANITARY MH
992+45 26' RT. CULVERT
992+58 17' RT. GAS LINE
992+64 26' RT. CULVERT
992+70 36' LT. LIGHT POLE
992+81 17' RT. CL DRIVEWAY
992+83 17' RT. GAS LINE
992+83 25' RT. CULVERT
993+17 26' RT. CULVERT
993+31 17' RT. CL DRIVEWAY
993+42 48' LT. UTILITY BOX
993+44 34' RT. POWER POLE
993+61 26' RT. CULVERT
993+64 17' RT. GAS LINE

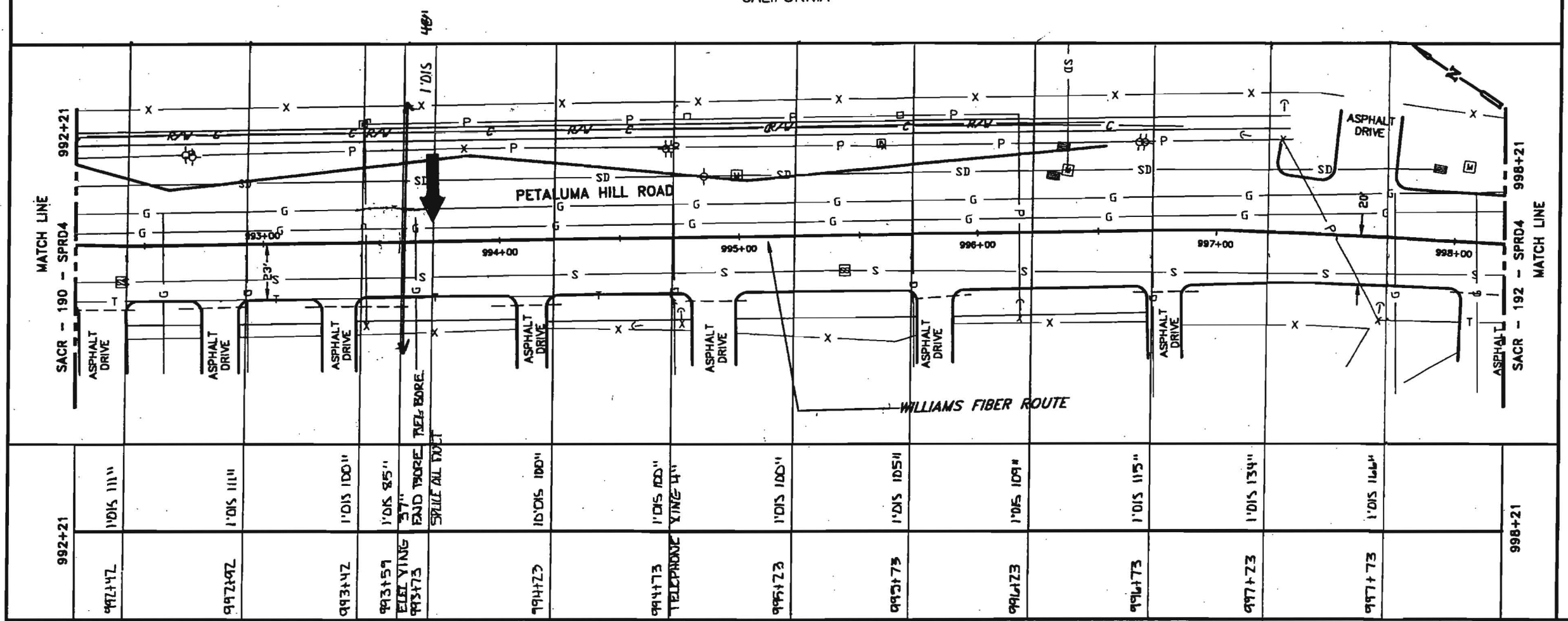
993+65 38' LT. POWER POLE
993+86 27' RT. CULVERT
994+01 26' RT. WATER VALVE
994+12 17' RT. CL DRIVEWAY
994+24 26' RT. CULVERT
994+56 36' RT. GUY
994+71 36' LT. LIGHT POLE
994+73 17' RT. GAS LINE
994+75 30' RT. GUY
994+76 36' RT. POWER POLE
994+77 26' RT. CULVERT
994+79 49' LT. UTILITY BOX
994+85 25' LT. LIGHT POLE
994+89 17' RT. CL DRIVEWAY
994+98 24' LT. MANHOLE
995+02 26' RT. CULVERT
995+43 14' RT. SANITARY MH
995+58 38' LT. UTILITY BOX
995+60 36' LT. POWER POLE
995+67 49' LT. UTILITY BOX
995+73 17' RT. GAS LINE
995+74 26' RT. CULVERT
995+82 17' RT. CL DRIVEWAY
995+88 37' RT. WATER VALVE
995+97 25' RT. CULVERT
996+17 26' RT. BOWER POLE
996+31 23' LT. CATCH BASIN
996+35 35' LT. CATCH BASIN
996+64 25' RT. CULVERT
996+67 36' RT. GAS LINE
996+73 19' RT. CL DRIVEWAY
996+77 19' RT. CL DRIVEWAY
996+93 24' RT. CULVERT
997+09 40' LT. GUY
997+26 36' LT. POWER POLE
997+26 54' LT. GUY
997+68 33' RT. POWER POLE
997+69 27' RT. GAS LINE
997+75 17' RT. WATER VALVE
997+87 30' LT. LT. WATER VALVE
997+92 29' RT. CATCH BASIN
997+99 21' RT. CULVERT
998+10 15' RT. GAS LINE
998+18 15' RT. CL DRIVEWAY

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



992+21	992+47	992+97	993+42	993+59	993+73	994+23	994+73	995+23	995+73	996+23	996+73	997+23	997+73	998+21
	1'DIS 111"	1'DIS 111"	1'DIS 100"	1'DIS 85"	37" END BORE	SPLICE ALL FIBER	10'DIS 100"	1'DIS 100"	TELEPHONE 4"	1'DIS 100"	1'DIS 105"	1'DIS 109"	1'DIS 115"	1'DIS 134"	1'DIS 146"	
					ELEV YING 993+73											

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

992+21	993+73
993+73	998+18
152'	496'
2-11	2-11
2-1.5" HDPE	2-1.5" HDPE
1-1.25" HDPE	1-1.25" HDPE
GLORIA TABOR	GLORIA TABOR
1.22_01	1.23_01
MEE	MEE

IN BLACK 1.25 HDPE
CSA TRACER WIRE
GLORIA TABOR
7-9-01

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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the county.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Mkr. Road Sign
- New Fiber Cable
- Township Line
- City Limits
- R/W Line
- River/Stream
- C. Road
- C. 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
- 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
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-562-9088

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
3	REVISED RUNNING LINE	MW	10/20

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 USE PLACE
- FUTURE-2
- FUTURE-3
- FUTURE-4

WILLIAMS COMMUNICATIONS GROUP Network Services

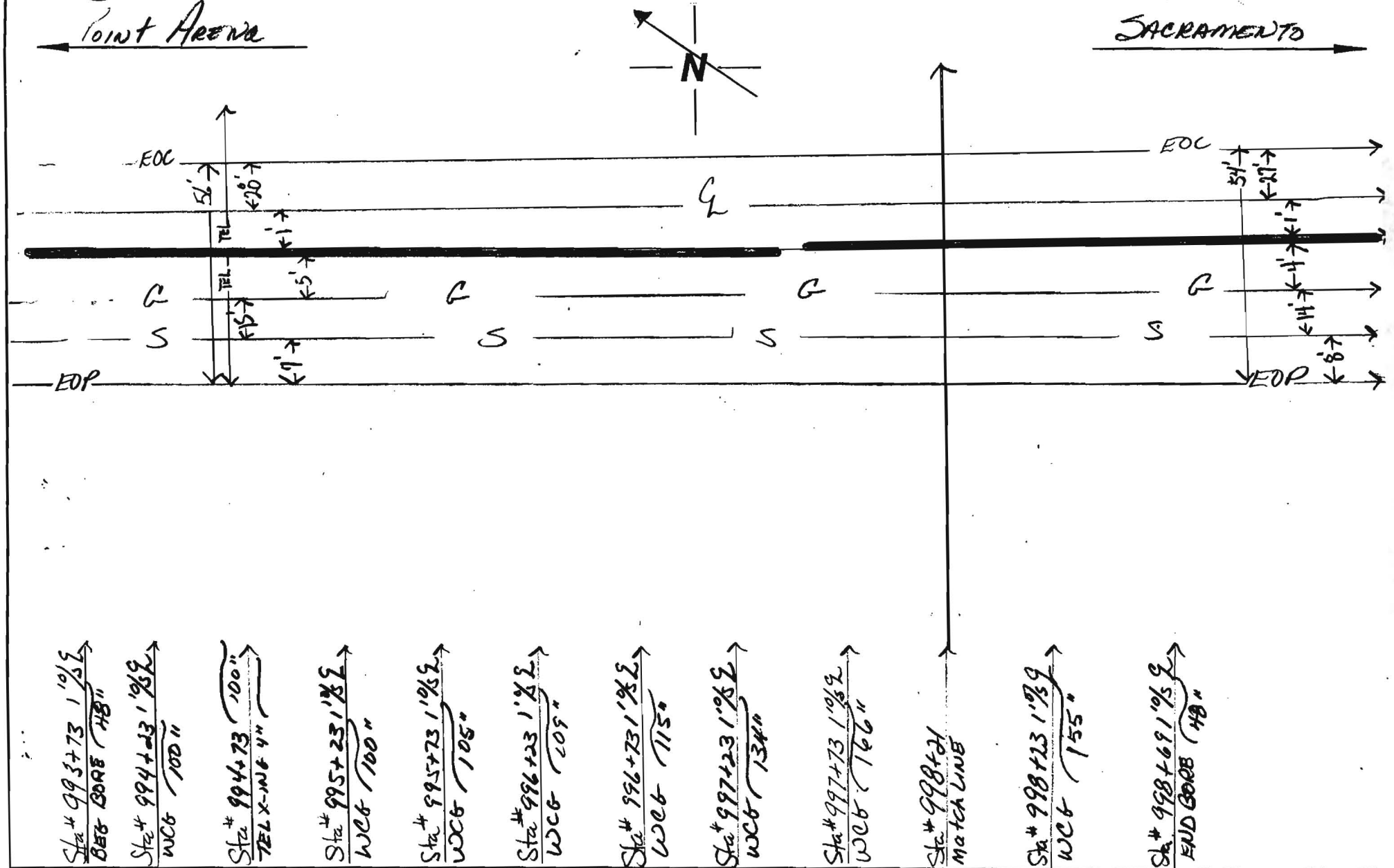
POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY :	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PRNT) :	1"=50'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PRNT) :	
MAP PROJECTION :	

DRAWING NUMBER : SACR-191-SPRD4

Williams CONSTRUCTION AS-BUILT DOCUMENTAT

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
1-24-01	P99154.11	191-192	4A



NOTES:
496' Bore

COUNTY:
Sonoma

CONTRACTOR:
M.G.E.

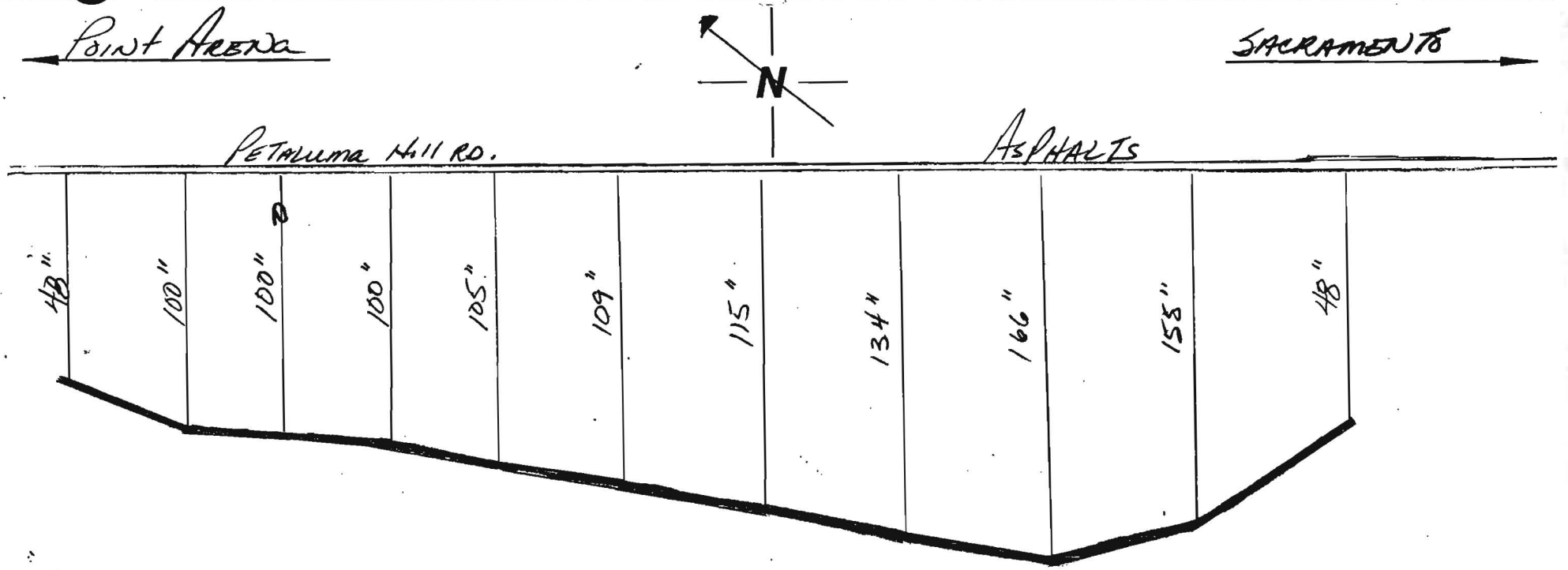
DUCT CONFIGURATION:
(2) 1½(1) 1¼ H.D.P.E.

INSPECTOR:
Gloria Tabor

PAGE OF

Williams CONSTRUCTION AS-BUILT DOCUMENTAT

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
1-24-01	99154.11	191 - 192	4A



NOTES:
496' BORE

COUNTY: Sonoma

CONTRACTOR: M.C.E.

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR: GLORIA TABOR

PAGE OF

OWNERSHIP: COUNTY OF SONOMA

FIBER STATIONING

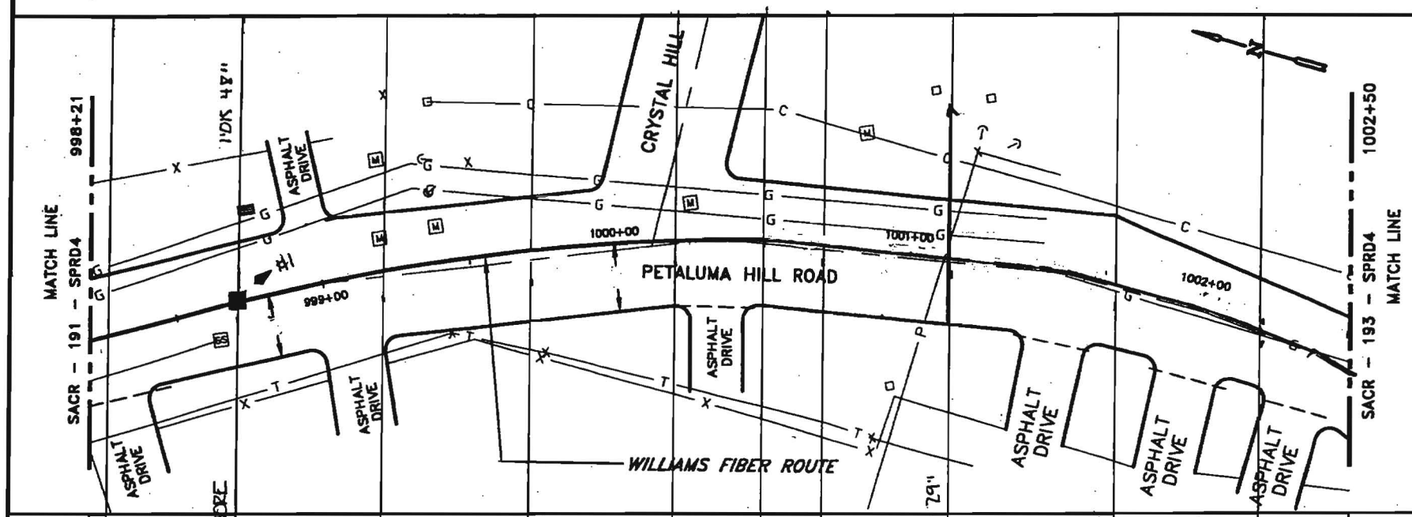
998+33 44' LT. WATER VALVE
998+42 21' RT. CULVERT
998+63 10' RT. SANITARY MH
998+80 30' LT. CATCH BASIN
999+06 20' RT. CL DRIVEWAY
999+28 57' LT. POWER POLE
999+35 13' RT. WATER VALVE
999+35 24' RT. FIRE HYDRANT
999+38 35' LT. GUY
999+39 24' LT. GUY
999+41 23' RT. POWER POLE
999+42 54' LT. UTILITY BOX
999+53 33' LT. POWER POLE
999+81 39' LT. FIRE HYDRANT
999+81 1'DIS CL WLC MANHOLE
GLORIA TABOR 1.30_01
1000+20 20' RT. CULVERT
1000+33 17' RT. CL DRIVEWAY
1000+46 21' RT. CULVERT
1000+91 63' RT. POWER POLE
1000+96 45' RT. UTILITY BOX
1001+03 53' LT. UTILITY BOX
1001+18 35' LT. POWER POLE
1001+18 42' LT. GUY
1001+20 53' LT. UTILITY BOX
1001+28 38' LT. GUY
1001+37 24' RT. CULVERT
1001+52 19' RT. CL DRIVEWAY
1001+64 25' RT. CULVERT
1001+87 27' RT. CULVERT
1002+00 19' RT. CL DRIVEWAY
1002+14 28' RT. CULVERT
1002+28 76' RT. POWER POLE
1002+29 29' RT. CULVERT
1002+38 17' RT. CL DRIVEWAY
1002+50 29' RT. CULVERT

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
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 BLUE 1-1.5" HDPE BLUE 1-1.5" HDPE ORANGE

998+23	999+69
998+69	1002+50
46'	381'
Z-11	Z-11
Z-1.5" HDPE	Z-1.5" HDPE
1-1.25" HDPE	1-1.25" HDPE
GLORIA TABOR	GLORIA TABOR
1.23_01	1.29_01
MGE	MGE

IN BLACK 1.25" HDPE
GGA TRACER WIRE
GLORIA TABOR
7-9-01

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 existing utilities as located by USA and potholing.
5. Areas under pavement will be bored unless other methods are approved by the 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
3	REVISED RUNNING LINE	MW	10/20

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

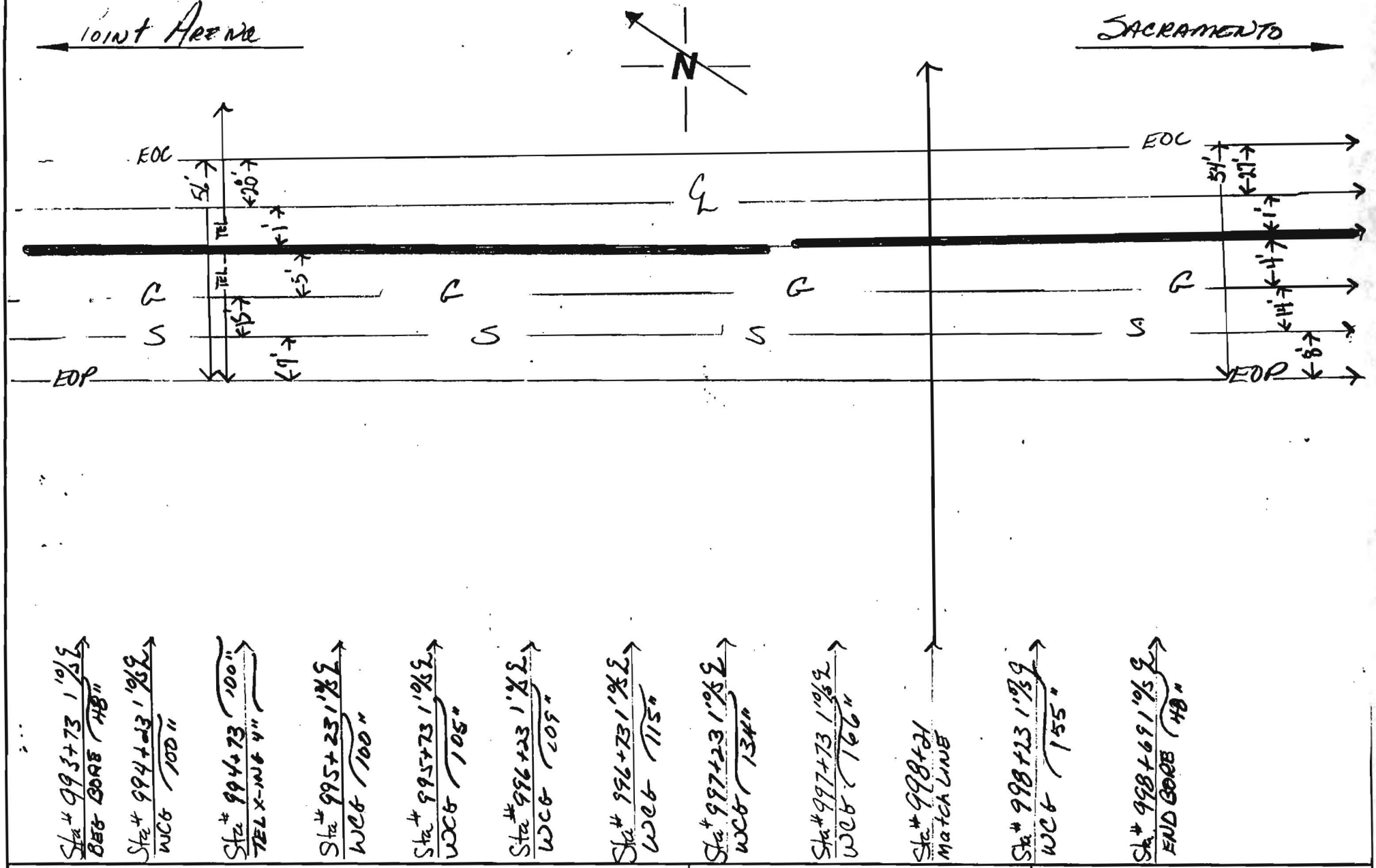
WILLIAMS COMMUNICATIONS GROUP Midwest Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY : B&V	DATE : 03/10/00
CHECKED BY : MW	DATE : 10/20/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (DWG & PROF) :	1"=50'
VERTICAL SCALE (DWG) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-192-SPRD4

Williams CONSTRUCTION AS-BUILT DOCUMENTAT

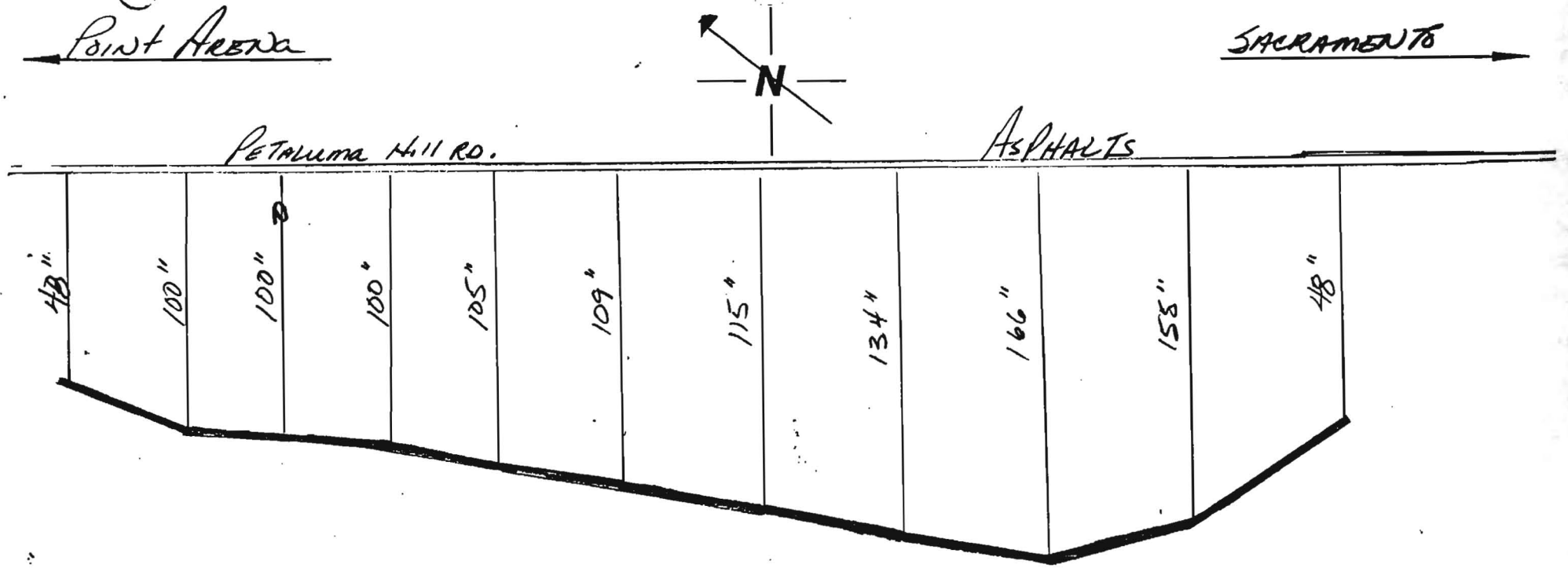
DATE:	PROJECT:	DWG/ALIGNMENT SHEET #	SPREAD #
1-24-01	P79154.11	191-192	4A



NOTES:	COUNTY:	CONTRACTOR:
496' BORE	SONOMA	M.G.E.
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: BLODIA TABOR

W[illegible]ms CONSTRUCTION AS-BUILT DOCUMENTATI[illegible]

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#	SPREAD #
1-28-01	99154.11	191 - 192	4A



Sta # 993+73 1"ø S
B&C Bore 48"

Sta # 994+23 1"ø S
WC6 100"

Sta # 994+23 1"ø S
TEL x-ING 90° 38'
WC6 100"

Sta # 995+23 1"ø S
WC6 100"

Sta # 995+23 1"ø S
WC6 105"

Sta # 996+23 1"ø S
WC6 109"

Sta # 996+73 1"ø S
WC6 115"

Sta # 997+23 1"ø S
WC6 134"

Sta # 997+73 1"ø S
WC6 166"

Sta # 998+23 1"ø S
WC6 155"

Sta # 998+69 1"ø S
END BORE 48"

NOTES:
496' BORE

PAGE OF

COUNTY:
Sonoma

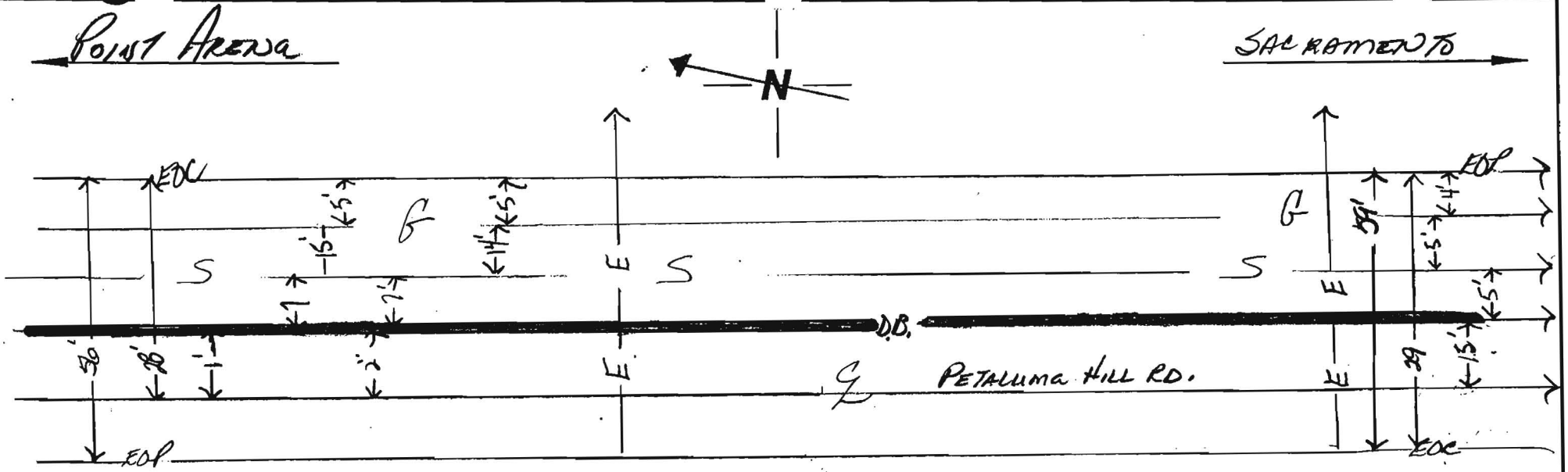
DUCT CONFIGURATION:
(2) 1½ (1) 1¼ H.D.P.E.

CONTRACTOR:
M.C.E.

INSPECTOR:
GLORIA THIBOR

Williams **CONSTRUCTION AS-BUILT DOCUMENTATION**

DATE: 1-29-01 | PROJECT: P99154.11 | DWG/ALIGNMENT SHEET #: 192 - 193 | READ #: 44



Sta # 998+69 1.0% ↓ BEG BORE 48"

Sta # 999+19 2.0% ↓ WC6 102'

Sta # 999+69 2.0% ↓ WC6 107"

Sta # 1000+19 2.0% ↓ WC6 114"

Sta # 1000+69 2.0% ↓ WC6 110"

Sta # 1001+13 119" ELEC X-ING 3'-4" 39'

Sta # 1001+69 2.0% ↓ WC6 116"

Sta # 1002+19 2.0% ↓ WC6 106"

Sta # 1002+50 MATCH LINE

Sta # 1002+69 2.0% ↓ WC6 160"

Sta # 1003+19 2.0% ↓ WC6 100"

Sta # 1003+69 4.0% ↓ WC4 97"

Sta # 1004+16 97" ELEC X-ING 39"

Sta # 1004+86. 15.0% ↓ END BORE 48"

NOTES:
590' BORE

PAGE OF

COUNTY: SONOMA

CONTRACTOR: MGE

DUCT CONFIGURATION: (2) 1½ (1) 1¼ HDPE

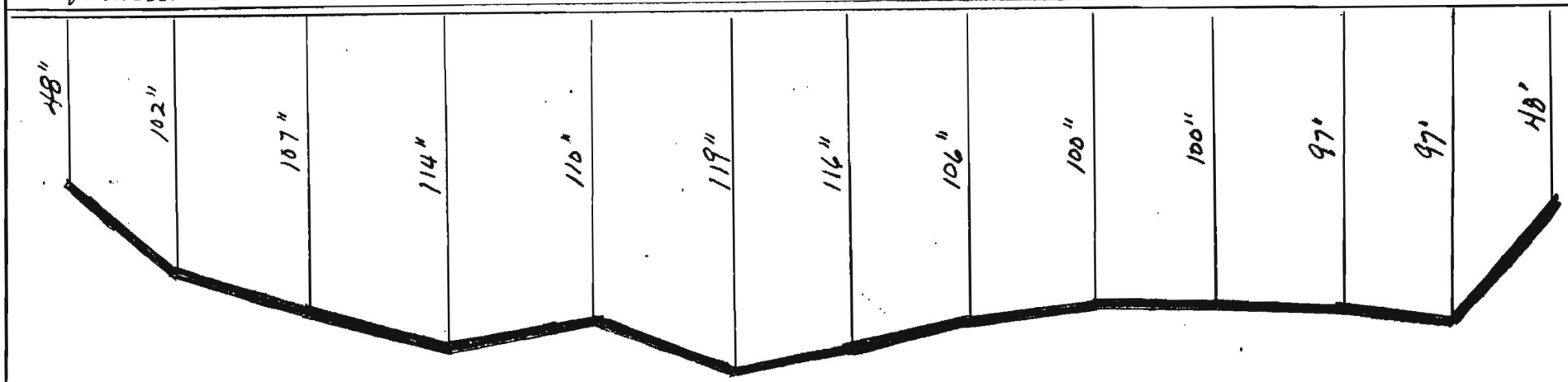
INSPECTOR: GLORIA TABOR

Williams **CONSTRUCTION AS-BUILT DOCUMENTATION**

DATE:	PROJECT:	DWG/ALIGNMENT SHEET #:	LEAD #:
7-29-01	P99154.11	192 - 193	4A

POINT AREOA ← N → SACRAMENTO

PETALUMA HILL RD. — ASPHALT



Sta # 998+69 1'% ℄ BEG BORE 48"

Sta # 999+19 2'% ℄ WC6 102"

Sta # 999+69 2'% ℄ WC6 107"

Sta # 1000+19 2'% ℄ WC6 114"

Sta # 1000+69 2'% ℄ WC6 110"

Sta # 1001+13 119" EXIT X-ING 3"-4" 39"

Sta # 1001+69 2'% ℄ WC6 116"

Sta # 1002+19 2'% ℄ WC6 106"

Sta # 1002+69 2'% ℄ WC6 100"

Sta # 1003+19 2'% ℄ WC6 100"

Sta # 1003+69 1'% ℄ WC6 97"

Sta # 1004+16 97" EXIT X-ING 39"

Sta # 1004+86 15'% ℄ END BORE 48"

NOTES:	COUNTY:	CONTRACTOR:
590' BORE	Sonoma	MGE
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E	INSPECTOR: GLORIA TABOR

OWNERSHIP

COUNTY OF SONOMA

FIBER STATIONING

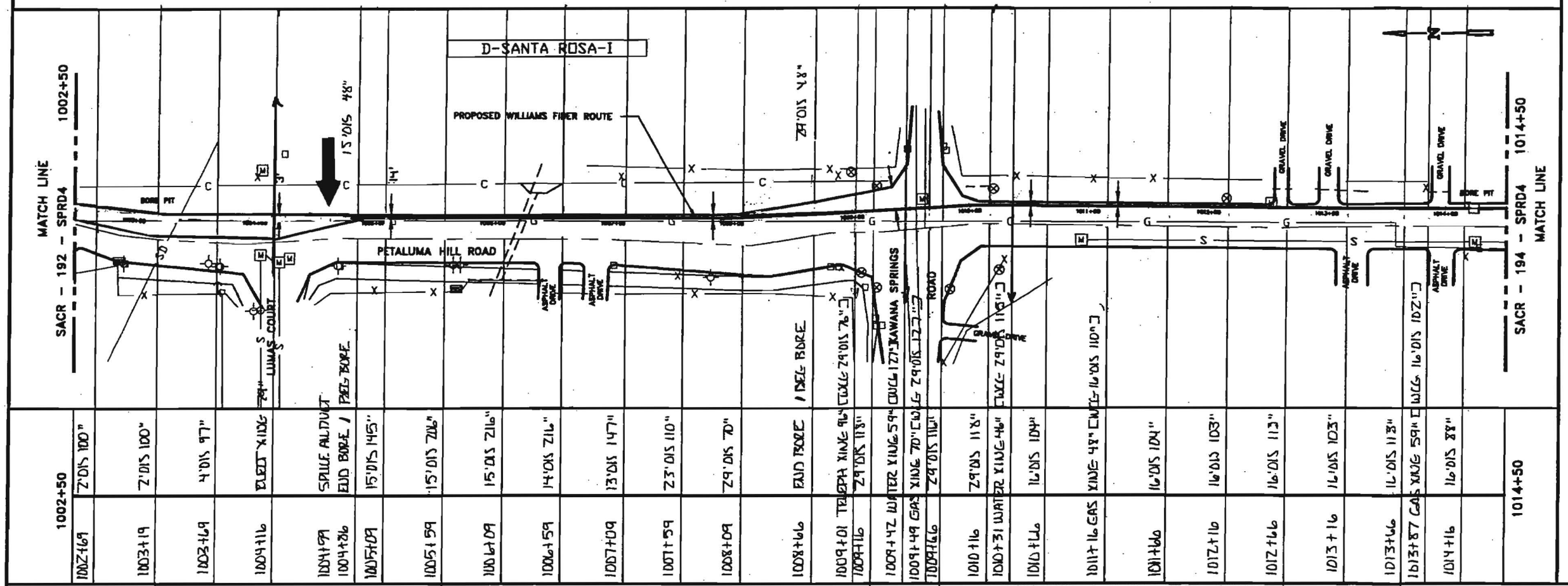
1002+51 29' RT. CULVERT
1002+90 39' RT. CATCH BASIN
1002+94 41' RT. LIGHT POLE
1002+97 41' RT. UTILITY BOX
1003+08 4' RT. GAS LINE
1003+37 STORM DRAIN
1003+61 36' RT. LIGHT POLE
1003+62 26' RT. WATER VLAVE
1003+65 36' RT. WATER VLAVE
1003+67 39' RT. FIRE HYDRANT
1003+68 27' RT. WATER VLAVE
1003+69 40' RT. UTILITY BOX
1003+70 65' RT. POWER POLE
1003+71 40' RT. LIGHT POLE
1003+85 26' RT. WATER VLAVE
1003+98 26' RT. WATER VLAVE
1003+99 77' RT. LIGHT POLE
1004+01 33' LT. POWER POLE
1004+04 32' RT. SANITARY MH
1004+05 36' LT. MANHOLE
1004+05 77' RT. LIGHT POLE
1004+11 45' RT. WATER VLAVE
1004+20 37' RT. SANITARY MH
1004+24 52' LT. UTILITY BOX
1004+28 34' RT. SANITARY MH
1004+38 26' RT. WATER VLAVE
1004+38 61' RT. WATER VLAVE
1004+70 40' RT. LIGHT POLE
1004+72 40' RT. UTILITY BOX
1005+01 56' RT. POWER POLE
1005+49 33' RT. WATER VLAVE
1005+67 28' RT. LIGHT POLE
1005+68 67' RT. WATER VLAVE
1005+70 52' RT. CATCH BASIN
1005+73 39' RT. WATER VLAVE
1006+10 48' RT. LIGHT POLE
1006+10 51' RT. HEADWALL
1006+37 20' LT. HEADWALL
1006+80 28' RT. WATER VLAVE
1007+00 39' RT. UTILITY BOX
1007+55 48' RT. POWER POLE
1007+82 49' RT. LIGHT POLE
1008+80 44' RT. UTILITY BOX
1008+88 45' RT. UTILITY BOX
1008+89 30' LT. POWER POLE
1008+89 45' RT. FIRE HYDRANT
1008+92 45' RT. UTILITY BOX
1009+00 35' RT. UTILITY BOX
1009+08 63' RT. UTILITY BOX
1009+08 74' RT. WATER VLAVE
1009+08 78' RT. WATER VLAVE
1009+16 89' RT. UTILITY BOX
1009+16 96' RT. UTILITY BOX
1009+18 63' RT. UTILITY BOX
1009+21 96' RT. UTILITY BOX
1009+22 20' LT. UTILITY BOX
1009+22 75' RT. WATER VLAVE
1009+50 49' LT. UTILITY BOX
1009+60 7' LT. MANHOLE
1009+72 129' RT. POWER POLE
1009+77 GAS LINE
1009+79 49' LT. UTILITY BOX
1009+80 88' RT. UTILITY BOX
1009+82 46' LT. CULVERT
1009+87 15' LT. CULVERT
1010+15 10' LT. CULVERT
1010+29 24' RT. POWER POLE
1011+03 23' LT. POWER POLE
1012+15 7' LT. UTILITY BOX
1012+52 3' LT. MANHOLE
1012+53 15' LT. CULVERT
1012+60 CL DRIVEWAY
1012+69 15' LT. CULVERT
1012+88 15' CL DRIVEWAY
1013+01 CL DRIVEWAY
1013+32 14' LT. CULVERT
1013+84 17' LT. POWER POLE
1013+87 13' LT. CULVERT
1013+95 CL DRIVEWAY
1014+03 14' LT. CULVERT
1014+16 40' RT. POWER POLE
1014+23 27' RT. MANHOLE

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



1002+50	1003+19	1003+69	1004+16	1004+99	1005+59	1006+09	1006+59	1007+09	1007+59	1008+09	1008+46	1009+01	1009+16	1009+47	1009+49	1009+66	1010+16	1010+31	1010+46	1011+16	1011+66	1012+16	1012+66	1013+16	1013+46	1013+87	1014+16	1014+50
2'DIS 100"	2'DIS 100"	4'DIS 97"	BURIED X'INGS	SPLICE ALT DUCT END BORE /	15'DIS 145"	15'DIS 206"	15'DIS 216"	14'DIS 216"	13'DIS 147"	23'DIS 110"	29'DIS 70"	END BORE	TELEPHA X'INGS 96"	29'DIS 118"	WATER X'INGS 54"	GAS X'INGS 70"	29'DIS 110"	29'DIS 118"	WATER X'INGS 46"	16'DIS 104"	GAS X'INGS 48"	16'DIS 104"	16'DIS 103"	16'DIS 113"	16'DIS 103"	16'DIS 113"	GAS X'INGS 54"	16'DIS 88"	

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 1-1.5" BLUE HDPE 1-1.5" ORANGE HDPE

1002+50	1004+86	1008+66
1004+86	1008+66	1014+50
236'	380'	584'
2-1.1	2-1.1	2-1.1
1-1.25" HDPE	1-1.25" HDPE	2-1.5" HDPE
2-1.5" HDPE	1-1.5" HDPE	1-1.25" HDPE
GLORIA TABOR	GLORIA TABOR	GLORIA TABOR
1-29-01	1-30-01	1-31-01
MGE	MGE	MGE

WAS UNDER ADJUSTED DRIVES

IN BLACK 1.25" HDPE
GSA TRAFFIC WIRE
GLORIA TABOR
7-9-01

NOTE:

1. CONDUIT DEPTH TO BE @ A MINIMUM OF 42".
2. CONDUIT WILL HAVE A MINIMUM OF 2' CLEARANCE WHEN CROSSING FOREIGN UTILITIES.
3. CABLE TO BE INSTALLED UNDER CROSS CULVERTS.
4. STREET CROSSINGS WILL BE BORED.
5. NO EXCAVATION WITHIN FILL SLOPES OF ROAD SECTION.
6. EXACT LOCATION OF BORE PITS TO BE ADJUSTED TO AVOID EXISTING UTILITIES AS LOCATED BY USA AND POTHOLING.
7. AREAS UNDER PAVEMENT WILL BE BORED UNLESS OTHER METHODS ARE APPROVED BY CITY/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 and/or White Line
- Region Site
- P.O.P./Jct.
- Handhole Splice
- Handhole
- Manhole Splice
- Manhole
- SIS 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
3	REVISED RUNNING LINE	MW	10/25

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	

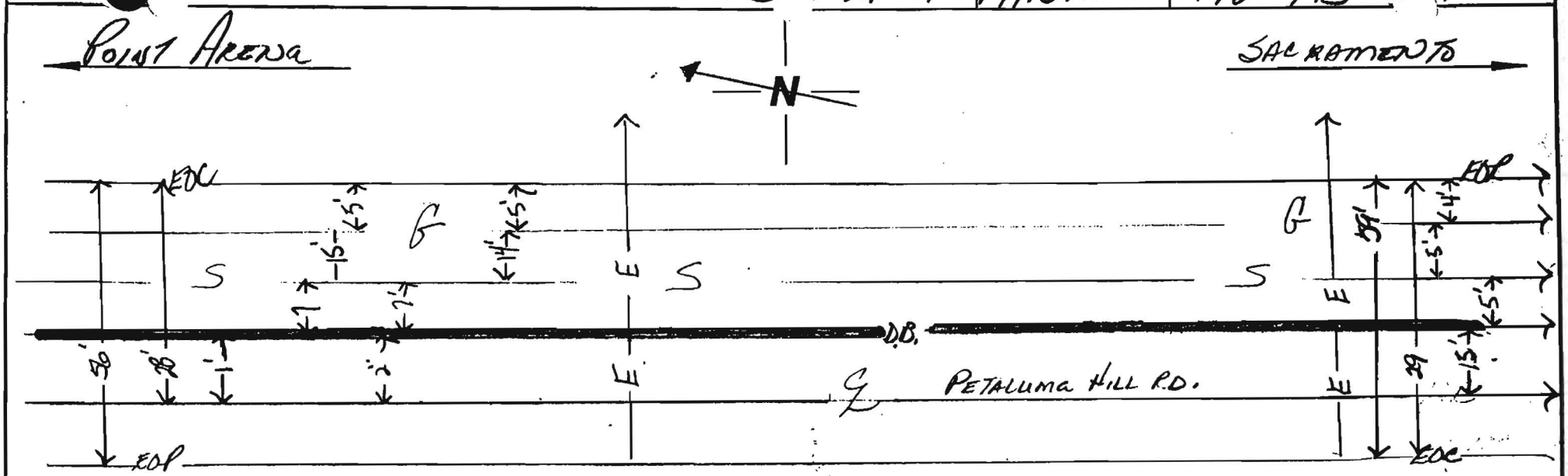
COMMUNICATIONS GROUP
Network Services

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-193-SPRD4

Williams **CONSTRUCTION AS-BUILT DOCUMENTATION**

DATE	PROJECT	DWG/ALIGNMENT SHEET #	SPREAD #
1-29-01	P99154.11	192 - 193	4A



Sta # 998+69 1.0% ℄ BEG BORE 48"

Sta # 999+17 2.0% ℄ WC6 102"

Sta # 999+69 2.0% ℄ WC6 107"

Sta # 1000+19 2.0% ℄ WC6 114"

Sta # 1000+69 2.0% ℄ WC6 110"

Sta # 1001+13 119" ELEC X-ING 3'-4" 39"

Sta # 1001+69 2.0% ℄ WC6 116"

Sta # 1002+19 2.0% ℄ WC6 106"

Sta # 1002+50 MATCH LINE

Sta # 1002+69 2.0% ℄ WC6 106"

Sta # 1003+19 2.0% ℄ WC6 100"

Sta # 1003+69 4.0% ℄ WC6 97"

Sta # 1004+16 97" ELEC X-ING 39"

Sta # 1004+86.15 0% ℄ END BORE 48"

NOTES:
590' BORE

PAGE OF

COUNTY: SONOMA

DUCT CONFIGURATION: (2) 1½ (1) 1¼ X-L.D.P.E.

CONTRACTOR: MGE

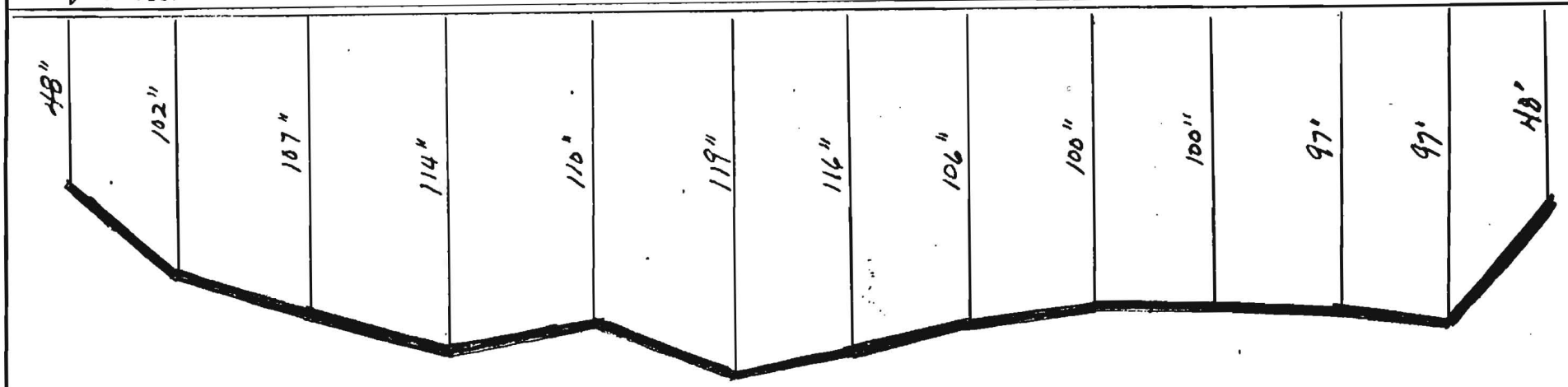
INSPECTOR: GLORIA TABOR

Williams **CONSTRUCTION AS-BUILT DOCUMENTATION**

DATE	PROJECT	DWG/ALIGNMENT SHEET #	READ #
1-29-01	P99154.11	192 - 193	4A

POINT AREDA ← N → SACRAMENTO

PETALUMA HILL RD. — ASPHALT



Sta 998+69 1'% ℄ BEG BORE 48"

Sta 999+19 2'% ℄ WCB 102"

Sta 999+69 2'% ℄ WCB 107"

Sta 1000+19 2'% ℄ WCB 114"

Sta 1000+69 2'% ℄ WCB 110"

Sta 1001+13 119" ELEC X-ING 3"-4" 99"

Sta 1001+69 2'% ℄ WCB 116"

Sta 1002+19 2'% ℄ WCB 106"

Sta 1002+69 2'% ℄ WCB 100"

Sta 1003+19 2'% ℄ WCB 100"

Sta 1003+69 1'% ℄ WCB 97"

Sta 1004+16 97" ELEC X-ING 39"

Sta 1004+82 15'% ℄ END BORE 48"

NOTES:
590' BORE

COUNTY:
Sonoma

CONTRACTOR:
MGE

DUCT CONFIGURATION:
(2) 1½ (1) 1¼ H.D.P.E

INSPECTOR:
GLORIA TABOR

PAGE OF

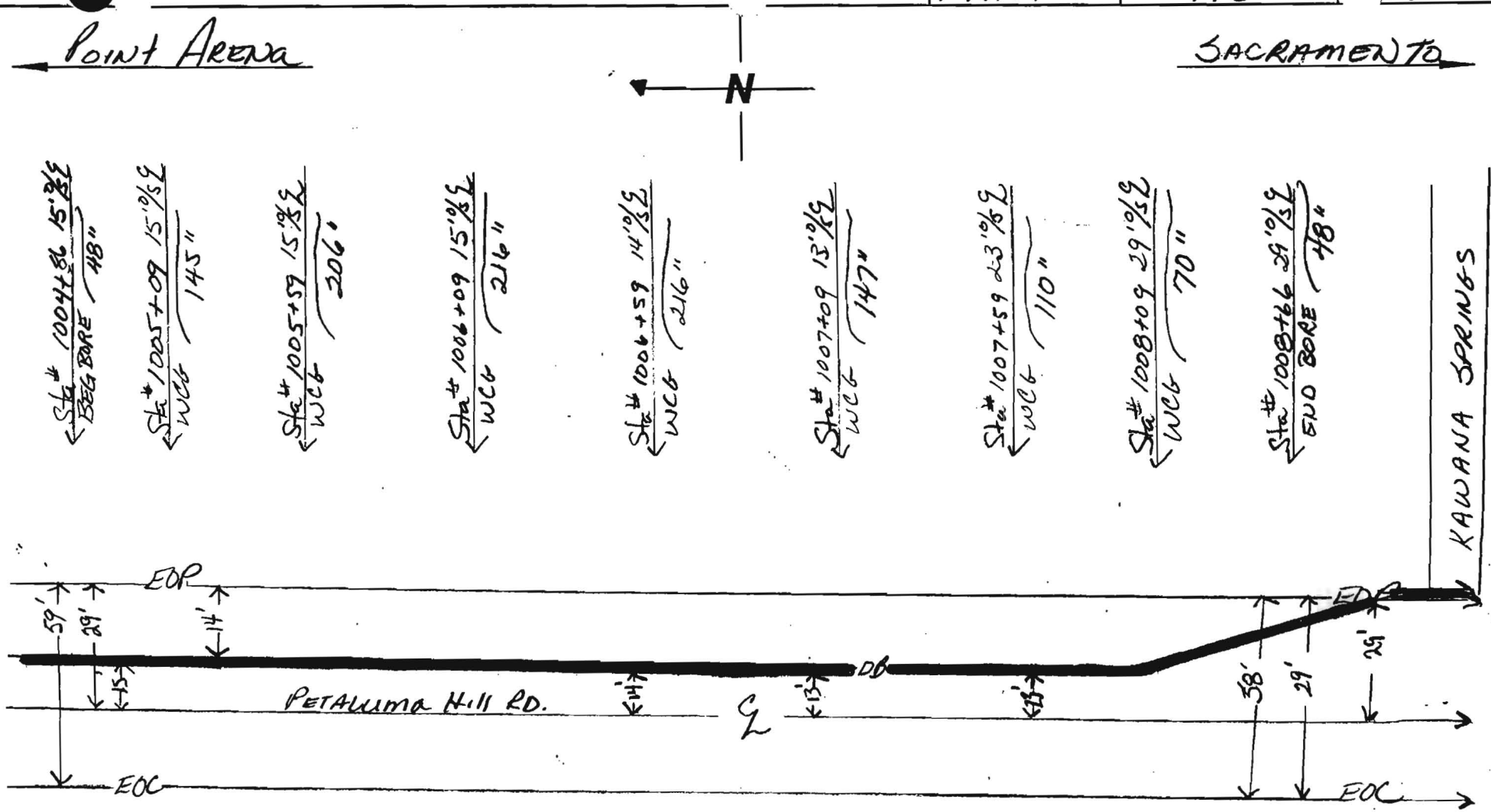
WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:

PROJECT: P99154.11

DWG/ALIGNMENT SHEET #: 193

SPREAD #: 4A



NOTES:

407' BORE

PAGE OF

COUNTY: Sonoma

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

CONTRACTOR: M.G.E.

INSPECTOR: GLORIA TABOR

W[illegible]MS CONSTRUCTION AS-BUILT DOCUMENTAT[illegible]

DATE:

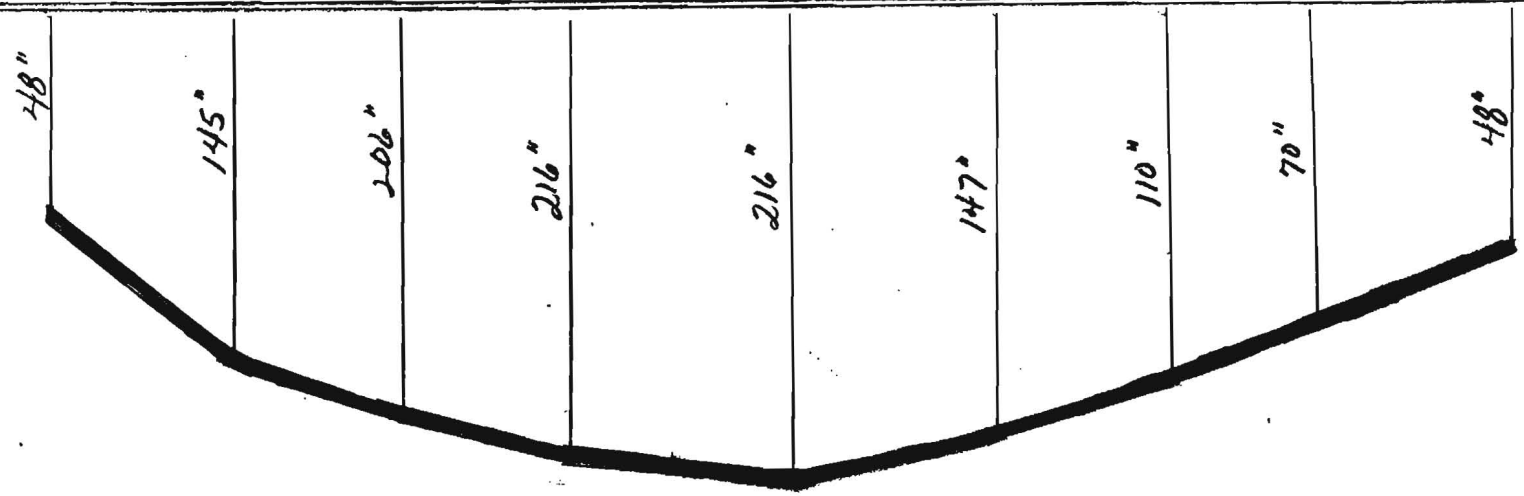
PROJECT: P99154.11

DWG/ALIGNMENT SHEET#: 193

SPREAD #: 4A

POINT AREna ← N → SACRAMENTO

PETALUMA HILL RD. — ASPHALT



Sta # 1004+59 15.0%S/S → 48" — BORE

Sta # 1005+09 15.0%S/S → WEB → 145"

Sta # 1005+59 15.0%S/S → WEB → 206"

Sta # 1006+09 15.0%S/S → WEB → 216"

Sta # 1006+59 14.0%S/S → WEB → 216"

Sta # 1007+09 13.0%S/S → WEB → 147"

Sta # 1007+58 23.0%S/S → WEB → 110"

Sta # 1008+09 29.0%S/S → WEB → 70"

Sta # 1008+46 29.0%S/S → END BORE → 48"

NOTES:

407' BORE

COUNTY: Sonoma

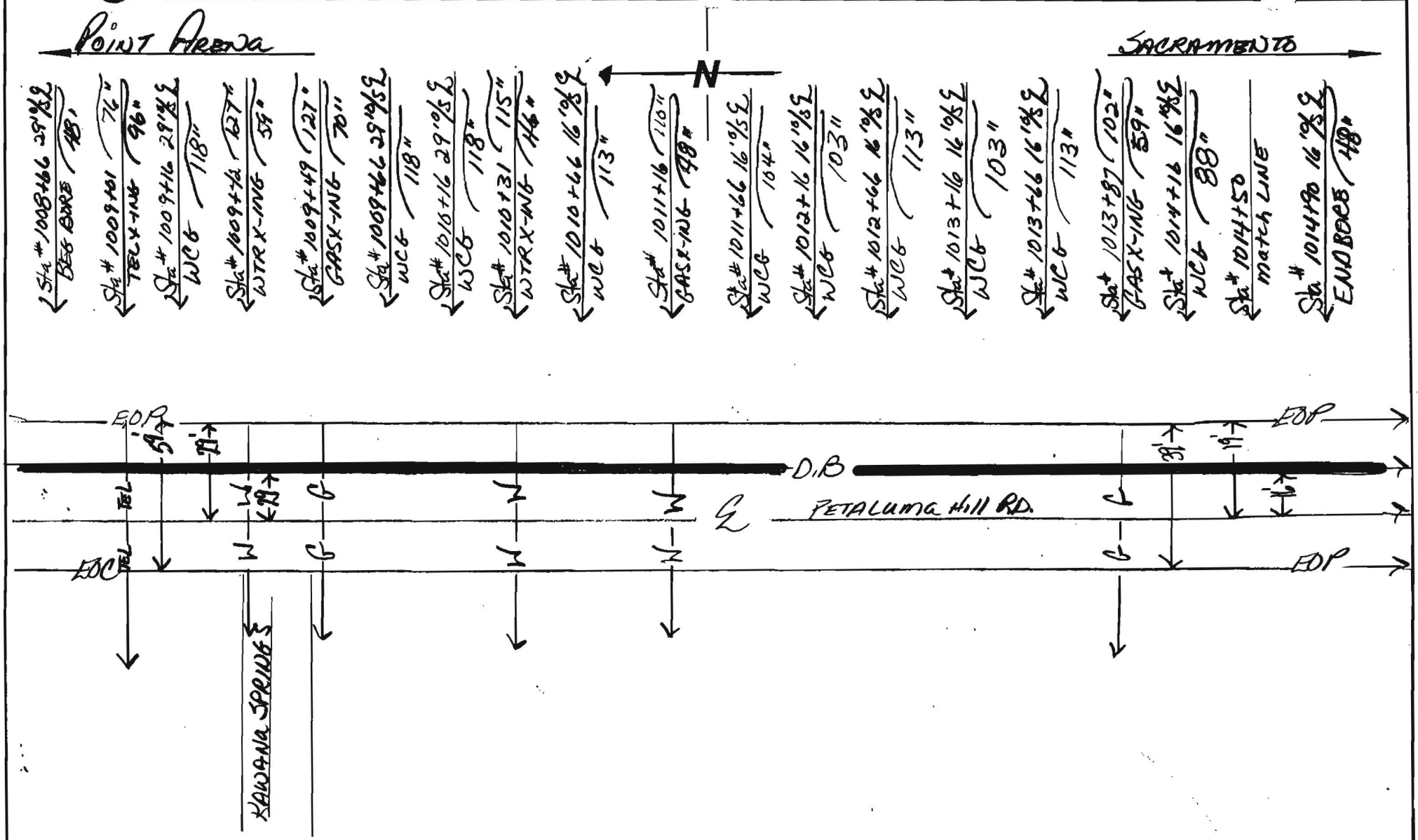
CONTRACTOR: M.G.E.

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR: GLORIA TABOR

PAGE OF

Williams CONSTRUCTION AS-BUILT DOCUMENTATION	DATE: 1-31-01	PROJECT: P99154.11	DWG/ALIGNMENT SHEET #: A3-194	SPREAD #: YA

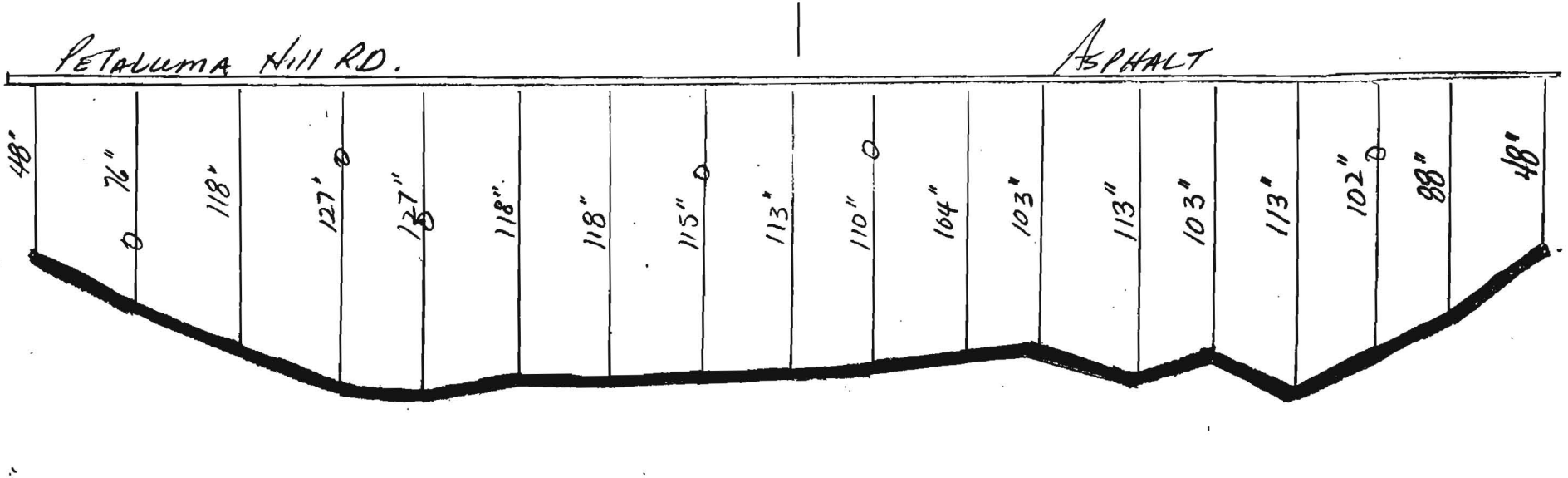


NOTES:	COUNTY:	CONTRACTOR:
624' BORE.	Sonoma	M.G.E.
	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: GLORIA TABOR
PAGE OF		

W[illegible]MS CONSTRUCTION AS-BUILT DOCUMENTATI[illegible]

DATE:	PROJECT:	DWG/ALIGNMENT SHEET#:	READ IN
1-31-01	P9915H.11	193 - 194	HA

Point Arena ← N → Sacramento



Sta# 1008+46 29.0%S 48"
Sta# 1009+01 76" TEL X-ING 96'
Sta# 1009+14 25.0%S WC6 118"
Sta# 1009+42 127' WTRX-ING 59'
Sta# 1009+45 127' GASX-ING 70"
Sta# 1009+66 25.0%S WC6 118"
Sta# 1010+16 29.0%S WC6 118"
Sta# 1010+31 115" WTRX-ING 46"
Sta# 1010+66 16.0%S WC6 113"
Sta# 1011+16 116" GASX-ING 48"
Sta# 1011+66 16.0%S WC6 104"
Sta# 1012+16 16.0%S WC6 103"
Sta# 1012+66 16.0%S WC6 113"
Sta# 1013+16 16.0%S WC6 103"
Sta# 1013+66 16.0%S WC6 113"
Sta# 1013+87 102" GASX-ING 59"
Sta# 1014+16 16.0%S WC6 88"
Sta# 1014+90 16.0%S END BORE 48"

NOTES:
624' Bore

COUNTY:
Sonoma

CONTRACTOR:
M.G.E.

DUCT CONFIGURATION:
(2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR:
Gloria Tabor

PAGE OF

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

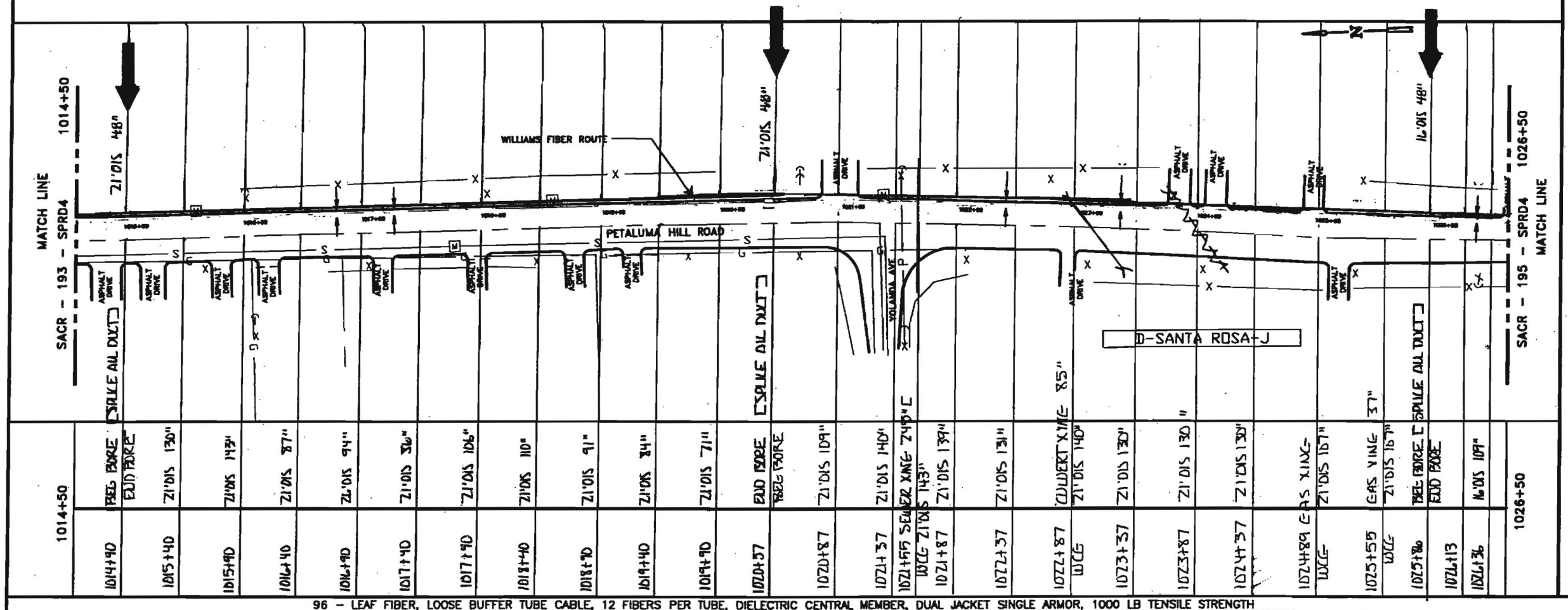
1015+50 6' LT. MANHOLE
1015+56 41' RT. POWER POLE
1015+81 21' LT. GUY
1015+82 15' LT. POWER POLE
1015+87 83' RT. GUY
1015+88 99' RT. POWER POLE
1015+89 41' RT. CULVERT
1016+19 41' RT. CULVERT
1016+85 42' RT. POWER POLE
1017+67 30' RT. MANHOLE
1017+76 40' RT. CULVERT
1017+94 13' LT. POWER POLE
1017+96 40' RT. CULVERT
1018+35 43' RT. POWER POLE
1018+50 6' LT. MANHOLE
1018+64 39' RT. CULVERT
1018+70 39' RT. CULVERT
1018+95 40' RT. CULVERT
1019+36 40' RT. CULVERT
1019+61 42' RT. POWER POLE
1020+55 21' LT. GUY
1020+55 45' RT. POWER POLE
1020+56 27' LT. GUY
1020+88 CL. DRIVEWAY
1021+25 6' LT. MANHOLE
1021+40 21' LT. POWER POLE
1021+41 27' LT. GUY
1021+47 104' RT. GUY
1021+47 119' RT. POWER POLE
1021+97 45' RT. POWER POLE
1022+65 22' LT. POWER POLE
1022+99 47' RT. POWER POLE
1023+02 16' LT. SEWER
1023+73 CL. DRIVEWAY
1023+95 48' RT. POWER POLE
1024+05 CL. DRIVEWAY
1024+18 50' RT. CULVERT
1024+87 CL. DRIVEWAY
1025+23 47' RT. POWER POLE
1025+26 29' LT. POWER POLE
1026+27 47' RT. POWER POLE
1026+28 53' RT. GUY

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
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" HDPE ORANGE

1014+50 to 1019+90	1014+90 to 1020+37	1020+37 to 1025+86	1025+86 to 1026+50
- 40'	547'	549'	64'
2-1.1 2-1.5" HDPE 1-1.25" HDPE GLORIA TABOR 1.31.01 MGE	2-1.1 2-1.5" HDPE 1-1.25" HDPE GLORIA TABOR 1.19.01 MGE	2-1.1 2-1.5" HDPE 1-1.25" HDPE GLORIA TABOR 1.23.01 MGE	2-1.1 2-1.5" HDPE 1-1.25" HDPE GLORIA TABOR 1.20.01 MGE

IN BLACK 1.25" HDPE
6GA TEPCAR WIRE
GLORIA TABOR
7-9-01

NOTE:

1. CONDUIT DEPTH TO BE @ A MINIMUM OF 42".
2. CONDUIT WILL HAVE A MINIMUM OF 2' CLEARANCE WHEN CROSSING FOREIGN UTILITIES.
3. CABLE TO BE INSTALLED UNDER CROSS CULVERTS.
4. STREET CROSSINGS WILL BE BORED.
5. NO EXCAVATION WITHIN FILL SLOPES OF ROAD SECTION.
6. EXACT LOCATION OF BORE PITS TO BE ADJUSTED TO AVOID EXISTING UTILITIES AS LOCATED BY USA AND POTHOLING.
7. AREAS UNDER PAVEMENT WILL BE BORED UNLESS OTHER METHODS ARE APPROVED BY CITY/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
- 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

1-800-562-9069

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	6/18
3	REVISED RUNNING LINE	MW	10/25

CABLE DESCRIPTION

- CABLE FIBER COUNT MFR. 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

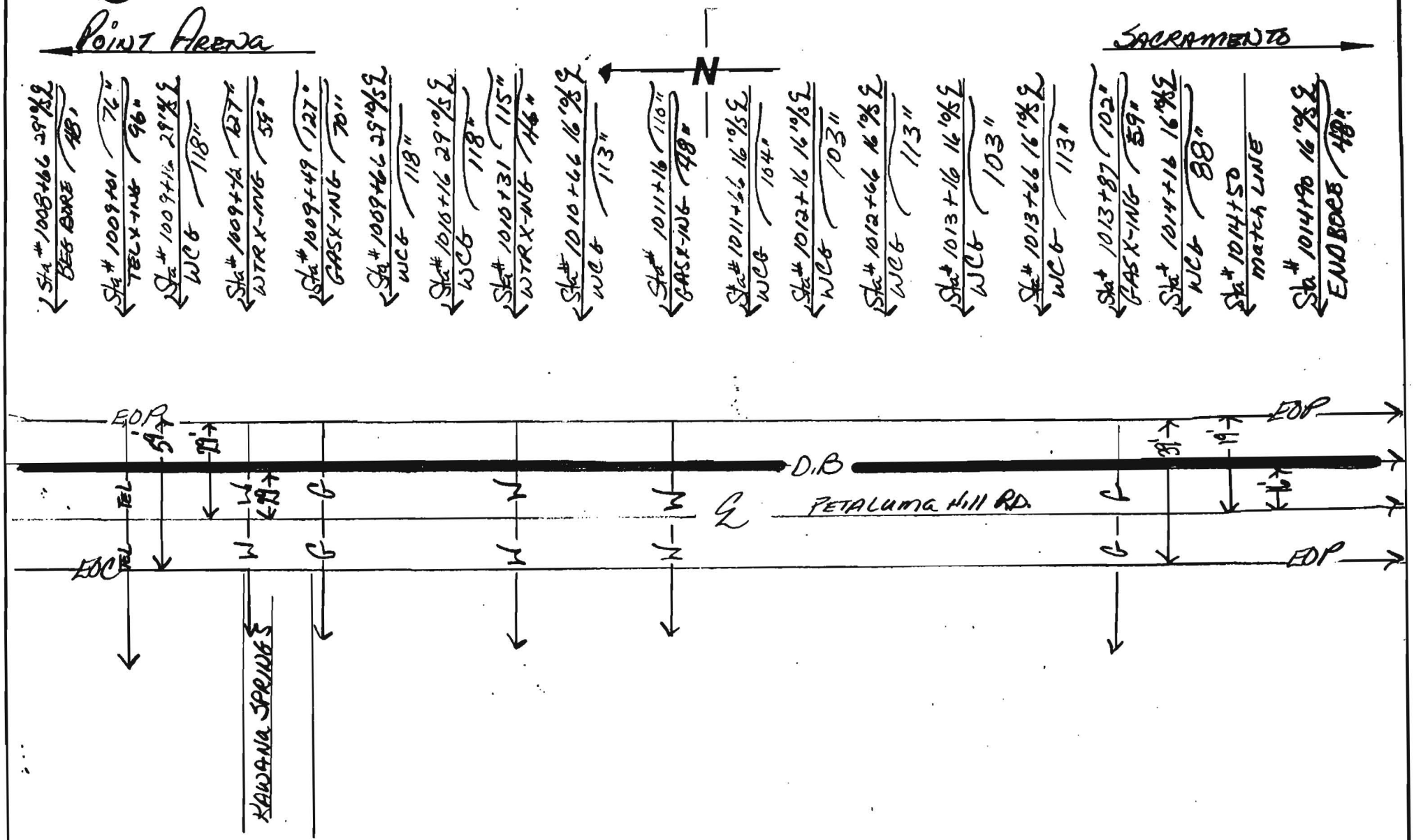
WILLIAMS COMMUNICATIONS GROUP Network Services

POINT ARENA TO SACRAMENTO CABLE ROUTE

DRAWN BY :	DATE : 03/10/00
CHECKED BY : BEV	DATE : 03/10/00
APPROVED BY :	DATE :
APPROVED BY :	DATE :
AFE : 4113	LOC. CODE :
HORIZONTAL SCALE (PLAN & PROF) :	1"=100'
VERTICAL SCALE (PLAN) :	
VERTICAL SCALE (PROF) :	
MAP PROJECTION :	
DRAWING NUMBER :	SACR-194-SPRD4

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET #	SPREAD #
1-31-01	P991H.11	A3-194	1A



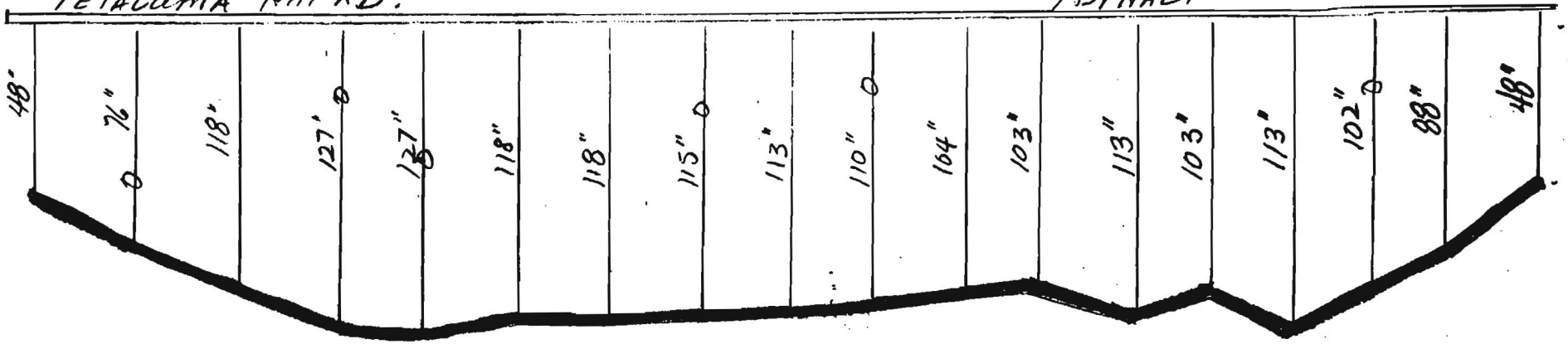
NOTES:	COUNTY:	CONTRACTOR:
624' BORE.	Sonoma	M.G.E.
	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: GLORIA TABOR
PAGE OF		

Williams **CONSTRUCTION AS-BUILT DOCUMENTATION**

DATE: 1-31-01 | PROJECT: P99154.11 | DWG/ALIGNMENT SHEET #: 193 - 194 | READ #: 4A

Point Arena ← N → Sacramento

Petaluma Hill Rd. — Asphalt



Sta# 1008+66 29.0%S — 48" — BEG BORE
Sta# 1005+01 — 76" — 72L X-INS — 96"
Sta# 1009+16 25.0%S — WC6 — 118"
Sta# 1009+42 — 127" — WTRX-INS — 59"
Sta# 1009+45 — 127" — GASX-INS — 70"
Sta# 1009+66 29.0%S — WC6 — 118"
Sta# 1010+16 29.0%S — WC6 — 118"
Sta# 1010+31 — 115" — WTRX-INS — 46"
Sta# 1010+66 16.0%S — WC6 — 113"
Sta# 1011+16 — 110" — GASX-INS — 48"
Sta# 1011+66 16.0%S — WC6 — 104"
Sta# 1012+16 16.0%S — WC6 — 103"
Sta# 1012+66 16.0%S — WC6 — 113"
Sta# 1013+16 16.0%S — WC6 — 103"
Sta# 1013+66 16.0%S — WC6 — 113"
Sta# 1013+87 — 102" — GASX-INS — 59"
Sta# 1014+16 16.0%S — WC6 — 88"
Sta# 1014+95 16.0%S — END BORE — 48"

NOTES: 624' Bore

COUNTY: Sonoma

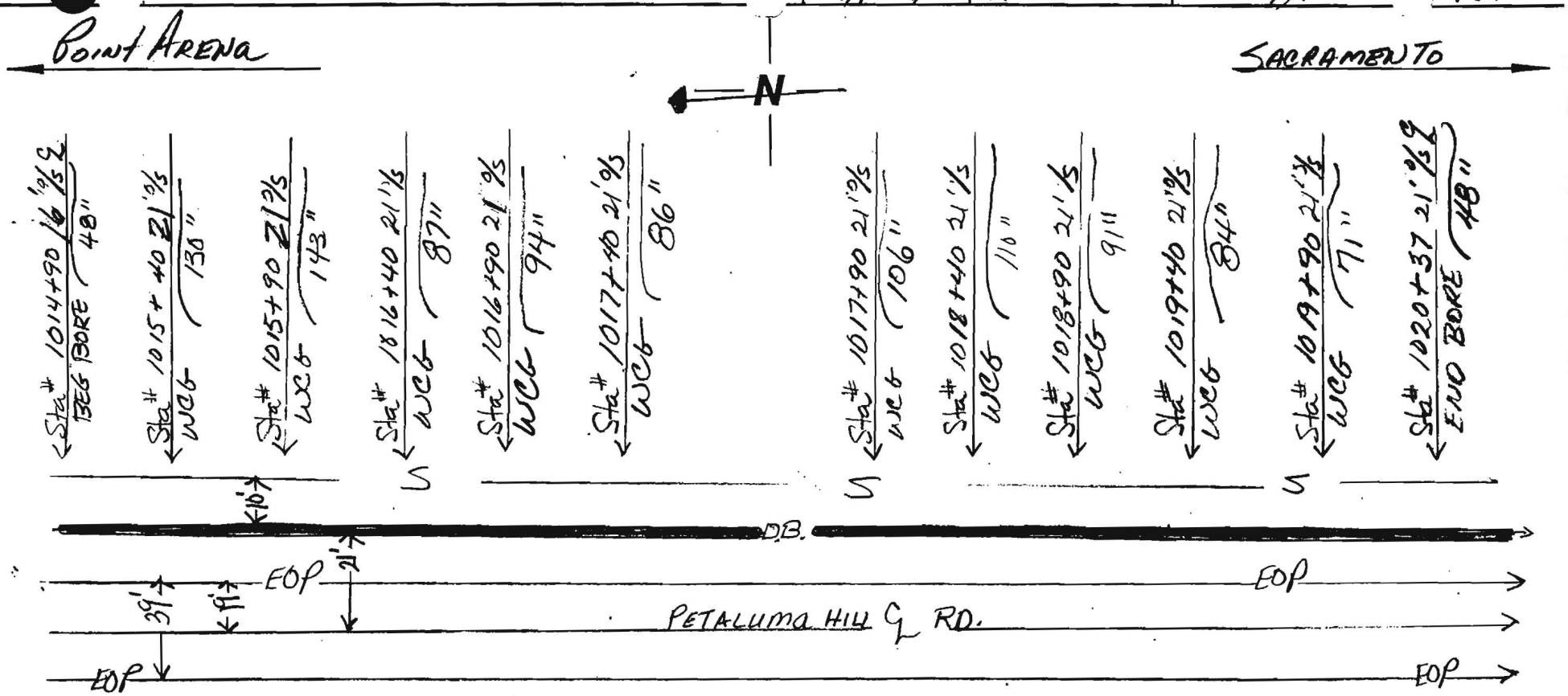
CONTRACTOR: M.G.E.

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR: Gloria Tabor

PAGE OF

Williams CONSTRUCTION AS-BUILT DOCUMENTAT	DATE: 1-19-01	PROJECT: P99154.11	DWG/ALIGNMENT SHEET: 194	SPREAD #: 4A

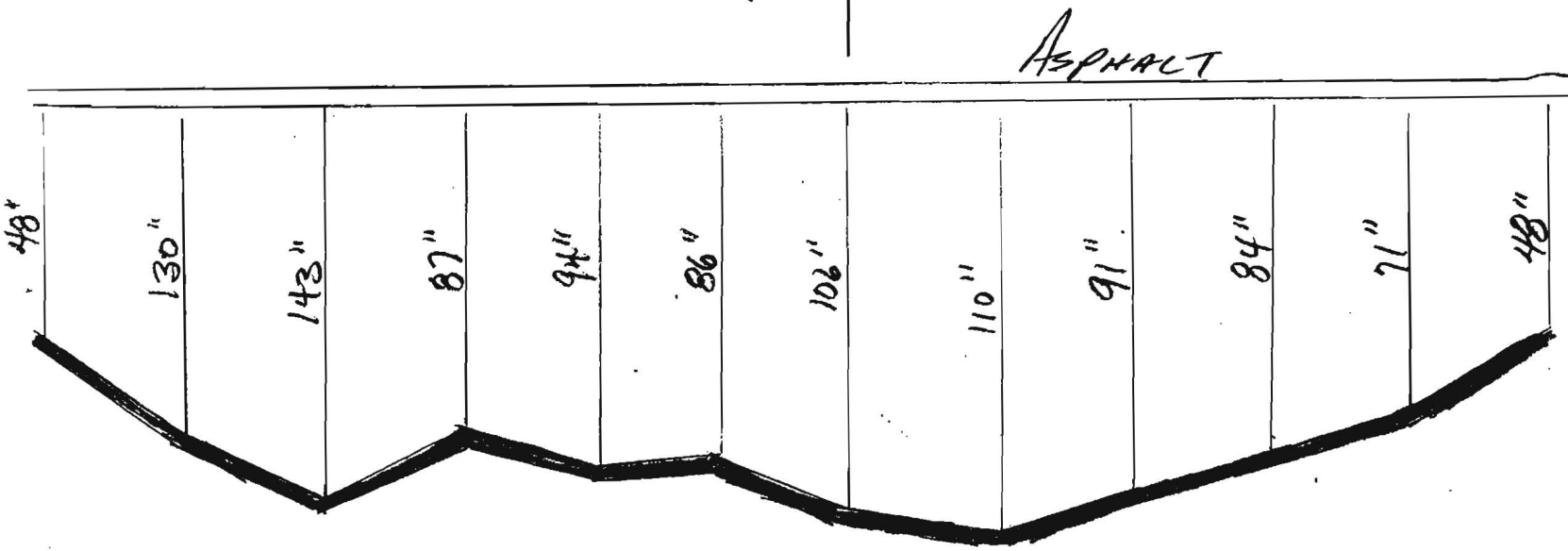


NOTES:	COUNTY:	CONTRACTOR:
547' BORE	Sonoma	M.G.E.
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: GLORIA TABOR

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

DATE:	PROJECT:	DWG/ALIGNMENT SHEET #:	SPREAD #:
1-19-01	P99154.11	194	4A

Point Arena ← N → SACRAMENTO



Sta # 1014+90 46'15"
BEG BORE 48"

Sta # 1015+40 21'2S
WC6 130"

Sta # 1015+90 21'0S
WC6 143"

Sta # 1016+40 21'0S
WC6 87"

Sta # 1016+90 21'9S
WC6 94"

Sta # 1017+40 21'9S
WC6 86"

Sta # 1017+90 21'2S
WC6 106"

Sta # 1018+40 21'1S
WC6 110"

Sta # 1018+90 21'2S
WC6 91"

Sta # 1019+40 21'2S
WC6 84"

Sta # 1019+90 21'2S
WC6 71"

Sta # 1020+37 21'0S
END BORE 48"

NOTES:
547' BORE

COUNTY:
Sonoma

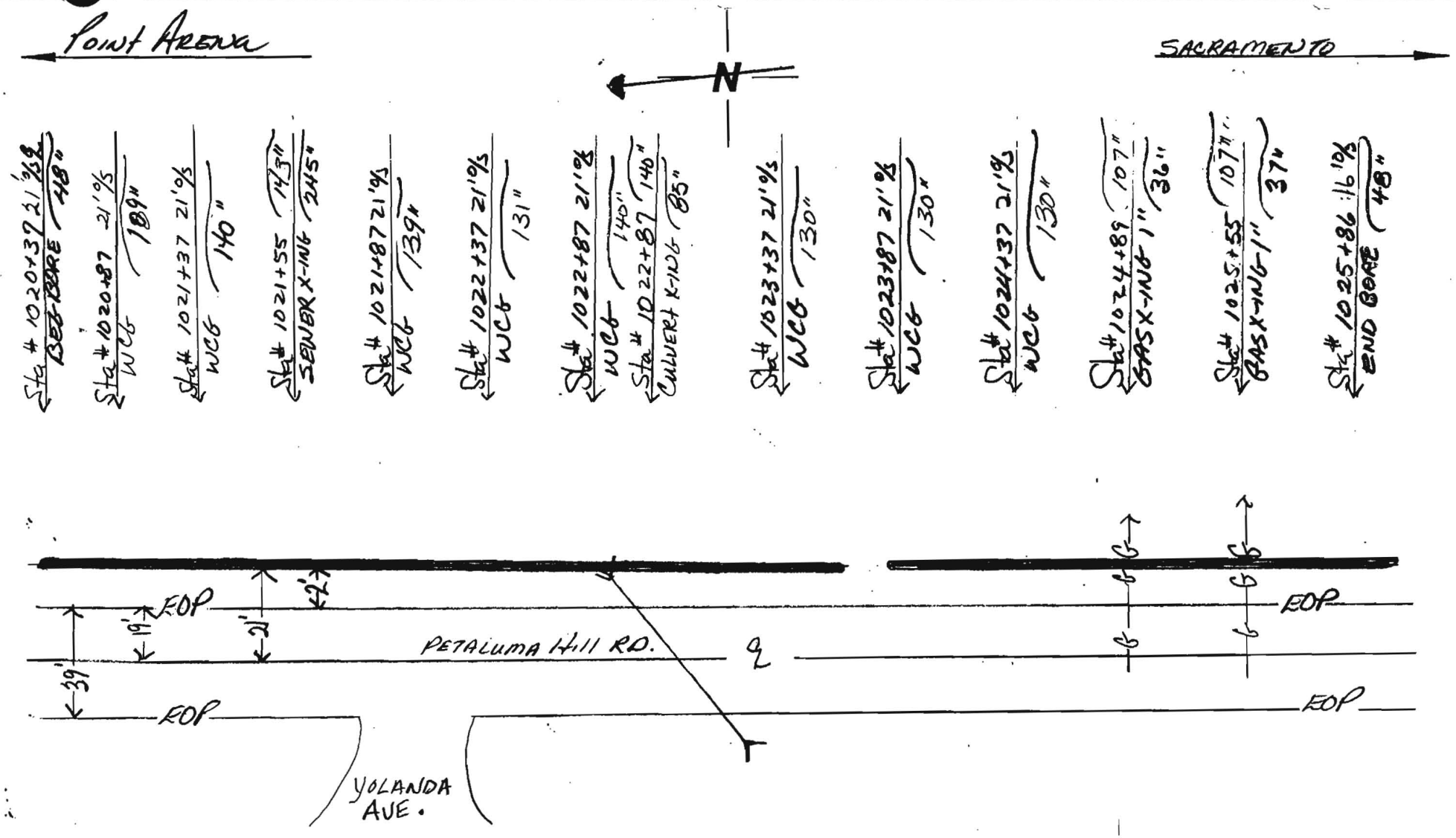
CONTRACTOR:
M.G.E.

DUCT CONFIGURATION:
(2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR:
GLORIA TABOR

PAGE OF

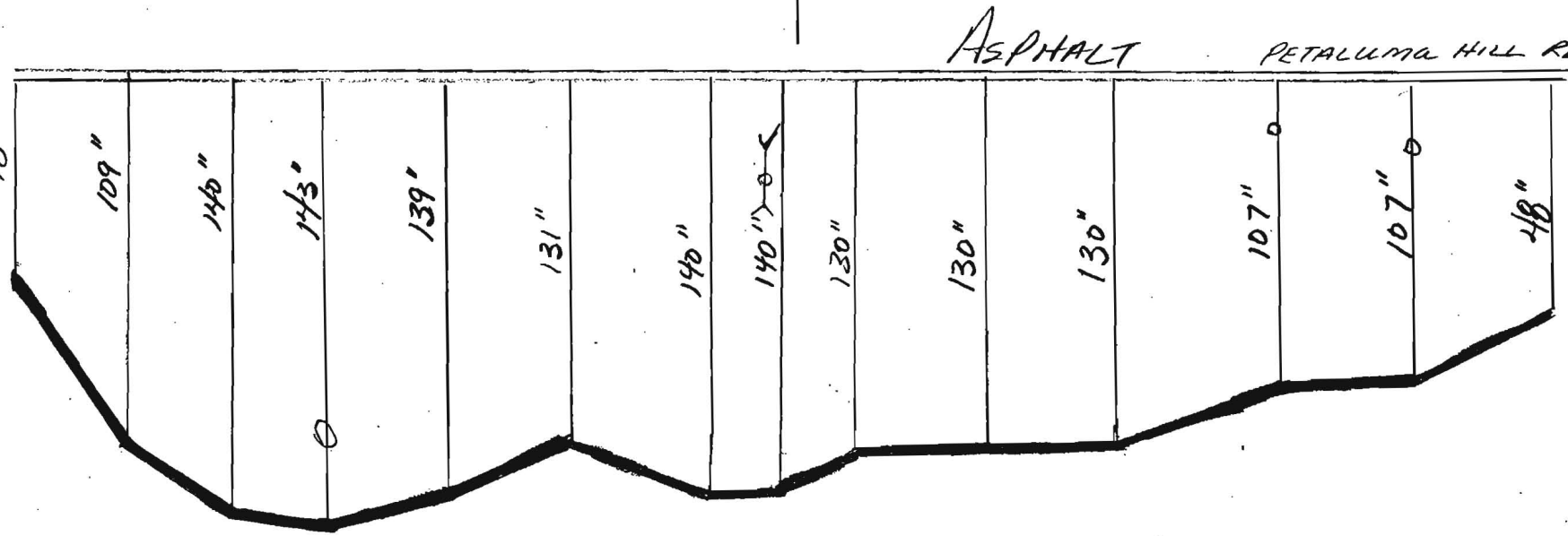
Williams CONSTRUCTION AS-BUILT DOCUMENTAT	DATE: 1-23-01	PROJECT: P99154.11	DWG/ALIGNMENT SHEET: 194	SPREAD #: 4A



NOTES:	COUNTY:	CONTRACTOR:
549' BORE	Sonoma	MGE
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E	INSPECTOR: GLORIA TABOR

Williams CONSTRUCTION AS-BUILT DOCUMENTATION	DATE: 1-23-01	PROJECT: P99154.11	DWG/ALIGNMENT SHEET#: 194	SPREAD #: 4A

Point Arena ← N → Sacramento



Sta # 1020+37 21°/s BEG BORE 48"

Sta # 1020+87 21°/s WC6 109"

Sta # 1021+37 21°/s WC6 146"

Sta # 1021+55 143" SEWER X-ING 245"

Sta # 1021+87 21°/s WC6 139"

Sta # 1022+37 21°/s WC6 131"

Sta # 1022+87 21°/s WC6 140"

Sta # 1022+87 140" Culvert X-ING (85" 140"

Sta # 1023+37 21°/s WC6 130"

Sta # 1023+87 21°/s WC6 130"

Sta # 1024+37 21°/s WC6 130"

Sta # 1024+87 107" GAS X-ING 1" 36'

Sta # 1025+55 107" GAS X-ING 1" 37"

Sta # 1025+82 21°/s END BORE 48"

NOTES:	COUNTY:	CONTRACTOR:
549' BORE	Sonoma	M.G.E.
	DUCT CONFIGURATION:	INSPECTOR:
PAGE OF	(2) 1½ (1) 1¼ H.D.P.E.	Gloria Tabor

Williams CONSTRUCTION AS-BUILT DOCUMENTATION

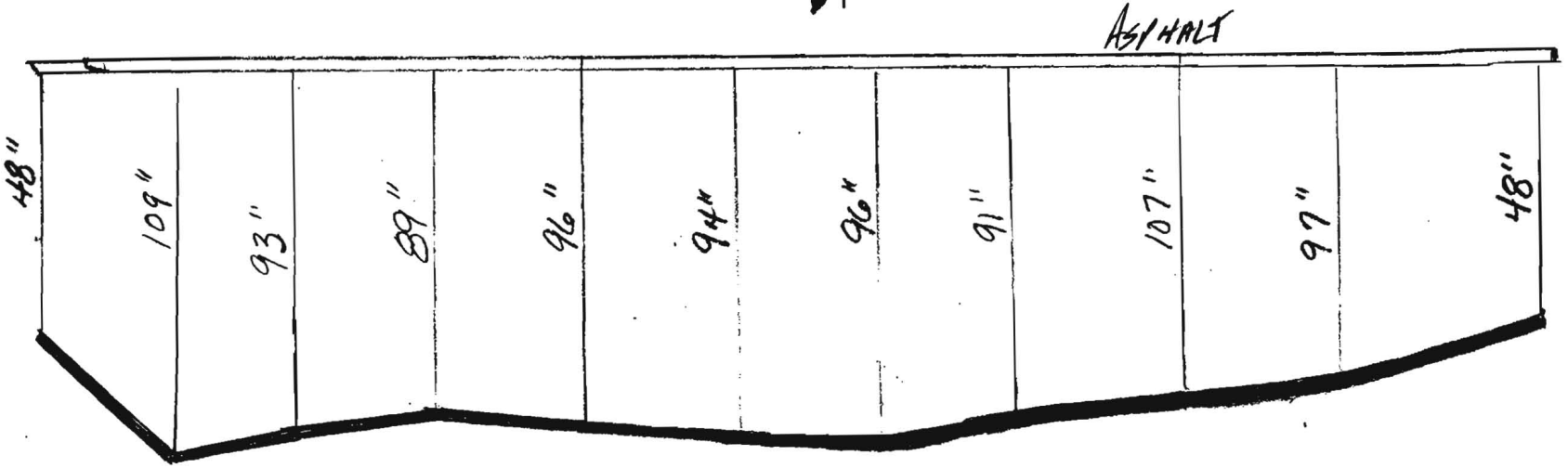
DATE:

PROJECT: P99154.11

DWG/ALIGNMENT SHEET: 194-195

SPREAD #: 4A

Point Arena ← N → Sacramento



Sta # 1025+86 16'8" ℄ BOR BORE 48"

Sta # 1026+36 16'8" WCG 109"

Sta # 1026+86 16'8" WCG 93"

Sta # 1027+36 16'8" WCG 89"

Sta # 1027+71 96" BASE-INCH 1" 37"

Sta # 1027+86 16'9" WCG 94"

Sta # 1028+36 16'9" WCG 96"

Sta # 1028+86 0°52' WCG 91"

Sta # 1029+36 15'0"52' WCG 107"

Sta # 1029+86 12'8"52' WCG 97"

Sta # 1030+26 17'8"52' END BORE 48"

NOTES: 440' BORE

COUNTY: Sonoma

CONTRACTOR: M.G.E.

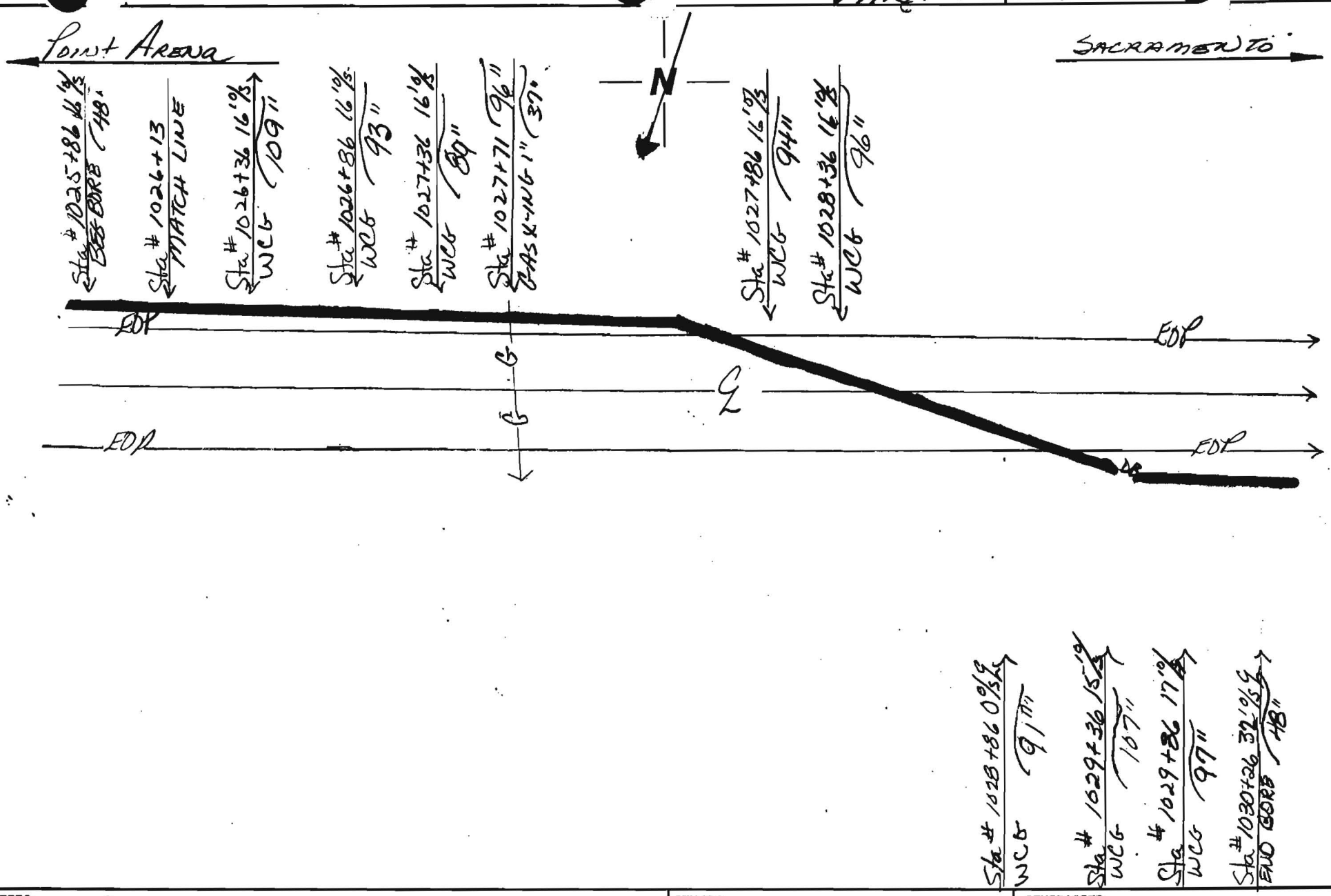
DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E

INSPECTOR: Gloria Tabor

PAGE OF

Williams **CONSTRUCTION AS-BUILT DOCUMENTATION**

P99154.11 | 194-195 | 4A



NOTES: 440' BORE

PAGE OF

COUNTY: Sonoma

DUCT CONFIGURATION: (2) 1½ (1) 1¼

CONTRACTOR: MGE

INSPECTOR: GLORIA TABOR

OWNERSHIP | COUNTY OF SONOMA

FIBER STATIONING

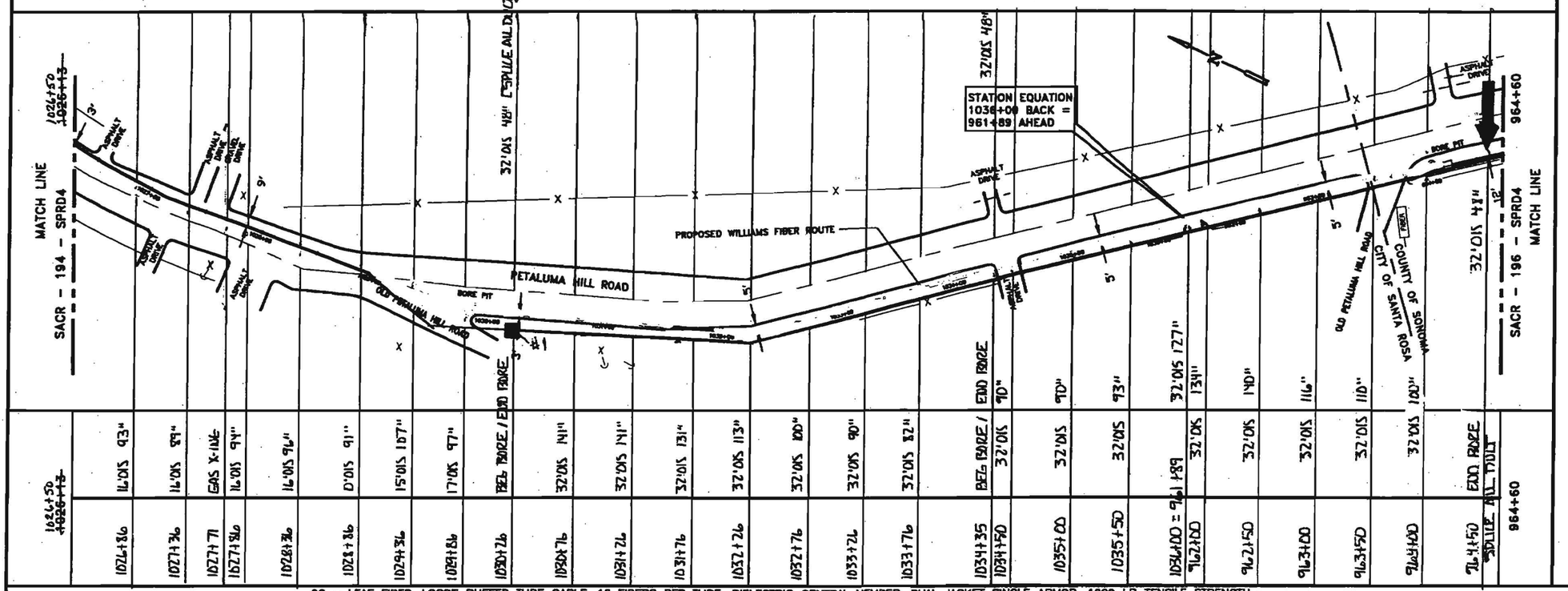
1026+27 47' RT. POWER POLE
1026+28 53' RT. GUY
1026+52 CL DRIVEWAY
1027+40 CL DRIVEWAY
1027+56 CL DRIVEWAY
1027+67 50' RT. GUY
1027+68 40' RT. POWER POLE
1027+73 25' LT. POWER POLE
1029+43 48' RT. POWER POLE
1030+99 24' RT. POWER POLE
1031+03 36' RT. GUY
1031+28 34' RT. GUY
1034+32 57' LT. CULVERT
1034+46 CL DRIVEWAY
1034+62 58' LT. CULVERT
963+77 6' RT. GUY
963+85 4' RT. POWER POLE
964+03 7' LT. GUY
964+04 5' LT. GUY
964+07 64' LT. CULVERT
964+47 63' LT. CULVERT

ROAD STATIONING

← POINT ARENA

CITY OF SANTA ROSA
SONOMA COUNTY
CALIFORNIA

SACRAMENTO →



1024+50 +1026+13	16°01'93"	16°01'89"	GAS X-ING	16°01'94"	16°01'94"	0°01'91"	15°01'187"	17°01'97"	BEG RANGE / END RANGE	32°01'N1"	32°01'141"	32°01'131"	32°01'113"	32°01'100"	32°01'90"	32°01'82"	BEG RANGE / END RANGE	90"	32°01'S	32°01'S	32°01'S	32°01'S	32°01'S
1024+36	1027+36	1027+71	1027+96	1028+36	1024+36	1029+36	1029+86	1030+26	1030+76	1031+76	1032+26	1032+76	1033+26	1033+76	1034+35	1034+50	1035+00	1035+50	1034+00 = 961+89	962+00	962+50	963+00	963+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" BLACK HDPE, 1-1.5" BLUE HDPE, 1-1.5" ORANGE HDPE

1024+50		1030+26	1034+35
1030+26		1034+35	964+50
376'		409'	426'
Z.11 2-1.5" HDPE 1-1.25" HDPE GLORIA TABOR 1_20_01 MGE	IN BLACK 1.25" HDPE 6GA. TRACER WIRE GLORIA TABOR 7-9-01	Z.11 2-1.5" HDPE 1-1.25" HDPE GLORIA TABOR 1_17_01 MGE	Z.11 2-1.5" HDPE 1-1.25" HDPE GLORIA TABOR 1_16_01 MGE

NOTE:

1. CONDUIT DEPTH TO BE @ A MINIMUM OF 42".
2. CONDUIT WILL HAVE A MINIMUM OF 2" CLEARANCE WHEN CROSSING FOREIGN UTILITIES.
3. CABLE TO BE INSTALLED UNDER CROSS CULVERTS.
4. STREET CROSSINGS WILL BE BORED.
5. NO EXCAVATION WITHIN FILL SLOPES OF ROAD SECTION.
6. EXACT LOCATION OF BORE PITS TO BE ADJUSTED TO AVOID EXISTING UTILITIES AS LOCATED BY USA AND POTHOLING.
7. AREAS UNDER PAVEMENT WILL BE BORED UNLESS OTHER METHODS ARE APPROVED BY CITY/COUNTY.

LEGEND

- Interstate Hwy.
- U.S. Hwy.
- State Hwy.
- County Road
- RR Mile Mkr.
- Misc. Road Sign
- Nor 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
- 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
- Fiber Marker
- Water Inlet

WILLIAMS

EMERGENCY NOTIFICATION NUMBER

1-800-582-9068

CAUTION

WILLIAMS LOCATE # FOR COUNTY, STATE
1-888-945-2256

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

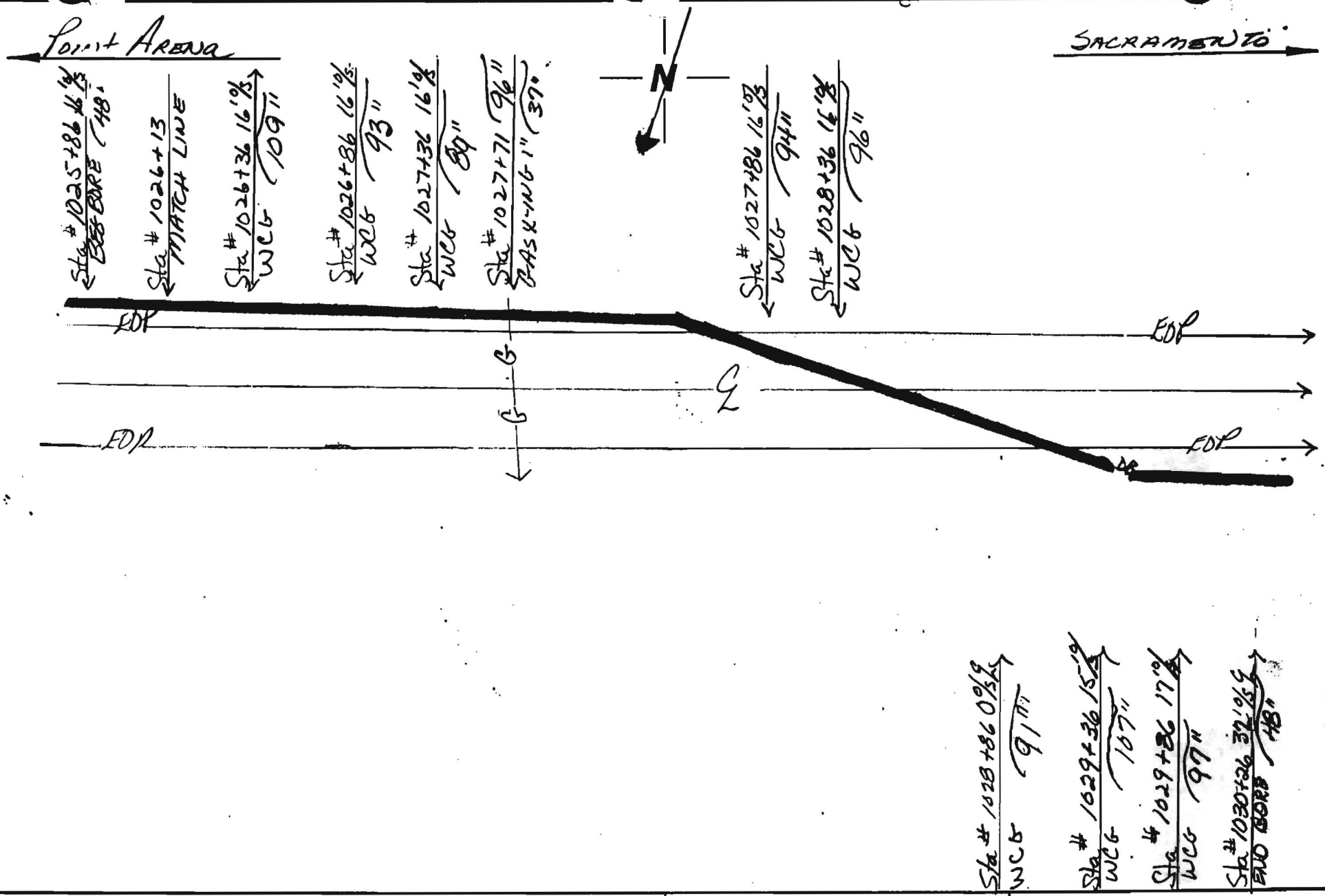
REV. NO.	DESCRIPTION	BY	DATE
1	COMPLETE DRAWING CHANGES	SDJ	3/27
2	REVISED RUNNING LINE	MW	6/18
3	REVISED RUNNING LINE	MW	10/25

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-195-SPRD4



NOTES:	COUNTY:	CONTRACTOR:
446' BORE	SONOMA	MGE
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼	INSPECTOR: GLORIA TABOR

Williams **CONSTRUCTION AS-BUILT DOCUMENTA**

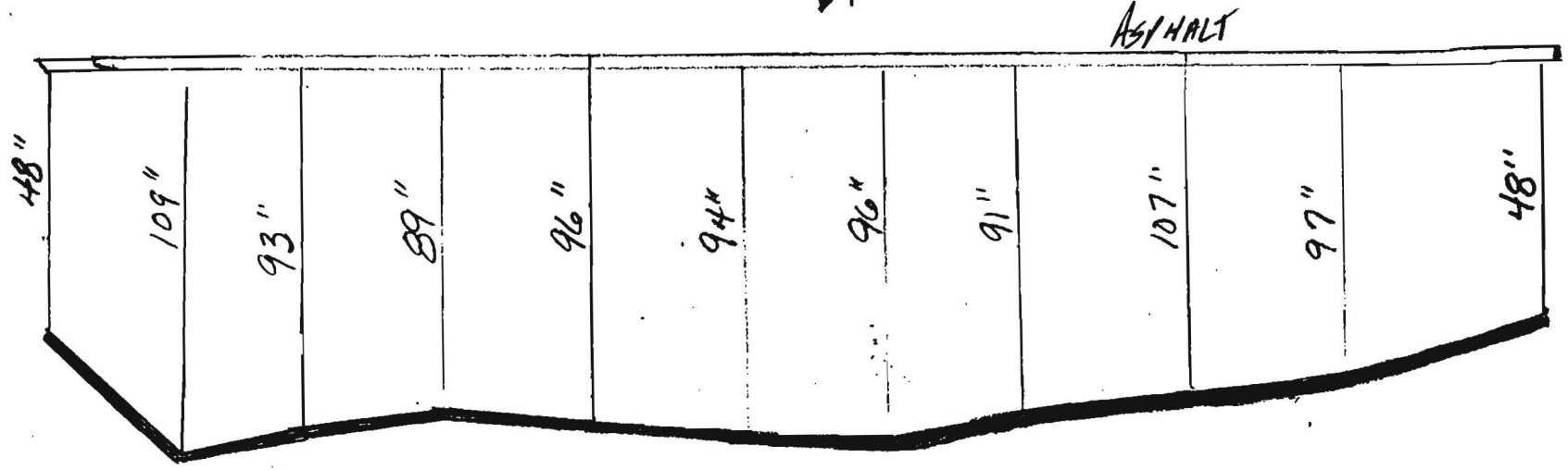
DATE:

PROJECT: P99134.11

DWG/ALIGNMENT SHEET #: 194-195

SPREAD #: 4A

Point Arena ← N → Sacramento



Sta # 1025+86 16'2½ E
Exit Bore 48"

Sta # 1026+36 16'2½
WCG 109"

Sta # 1026+86 16'2½
WCG 93"

Sta # 1027+36 16'2½
WCG 89"

Sta # 1027+71 96"
3½"x1½" 37"

Sta # 1027+86 16'2½
WCG 94"

Sta # 1028+36 16'2½
WCG 96"

Sta # 1028+86 0°½ Z
WCG 91"

Sta # 1029+36 15'½ Z
WCG 107"

Sta # 1029+86 17'½ Z
WCG 97"

Sta # 1030+26 17'½ Z
Exit Bore 48"

NOTES: 440' Bore

COUNTY: Sonoma

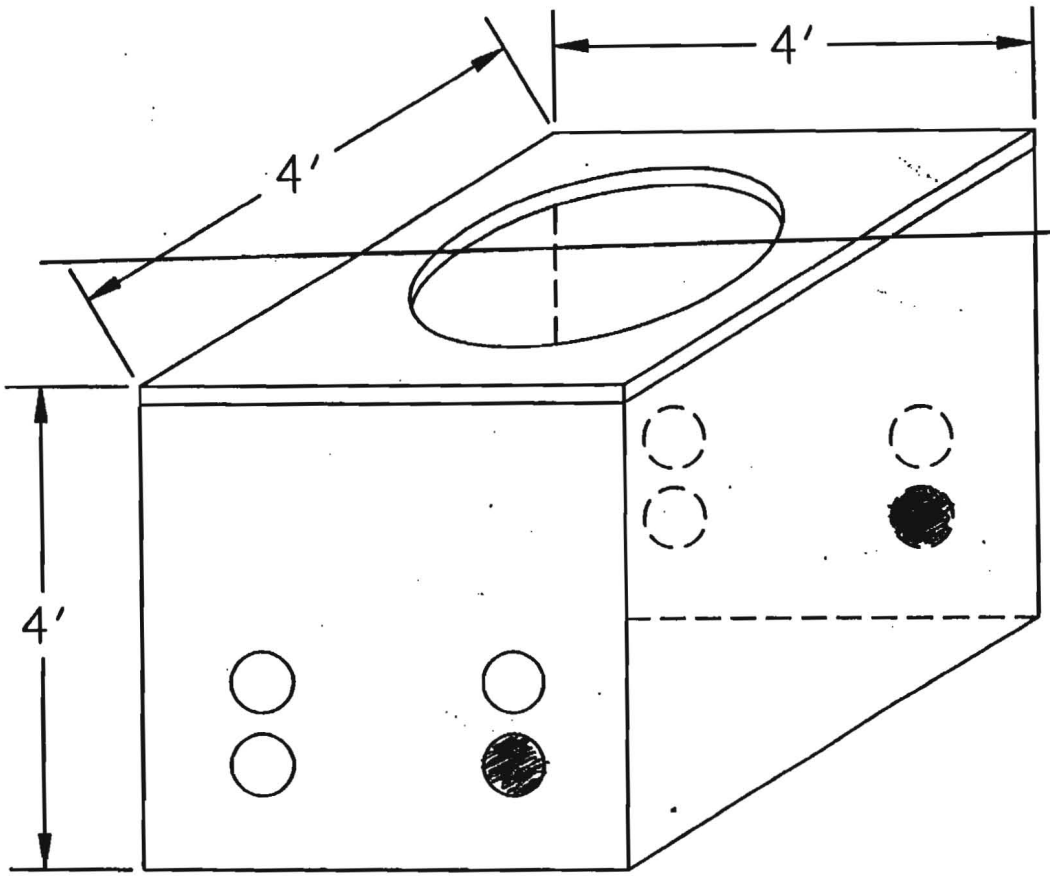
CONTRACTOR: M.G.M.

DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E

INSPECTOR: Gloria Tabor

PAGE OF

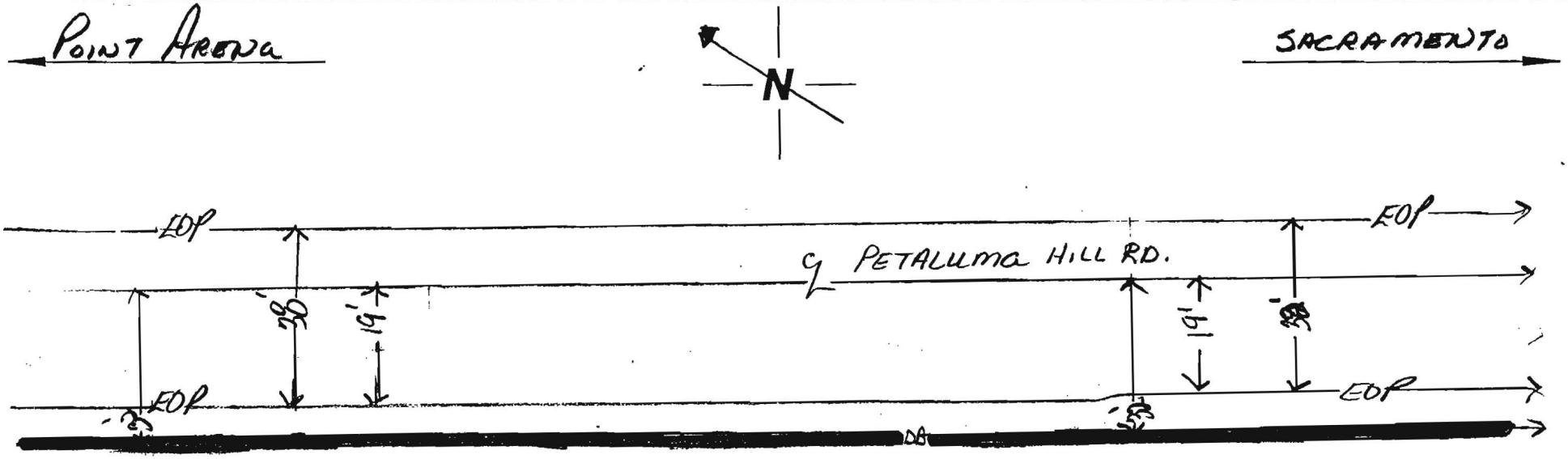
WILLIAMS CONSTRUCTION AS-BUILT DOCUMENTATION	DATE: 2-3-01	PROJECT: P99154.11	DWG/ALIGNMENT SHEET#: 195	SPREAD #: 4A



Sta # 1030+26 17°0/s E

NOTES: ENTERED BOX ON FIELD SIDE PETALUMA HILL RD.	COUNTY: Sonoma	CONTRACTOR: MGE
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: GLORIA TABOR

W[redacted]NS CONSTRUCTION AS-BUILT DOCUMENTATI[redacted] | DATE: 1-17-01 | PROJECT: P99154.11 | DWG/ALIGNMENT SHEET #: 195 | SPREAD #: 4A



Sta # 1030+26 32'0/S
BEG BORE 48"

Sta # 1030+76 32'0/S
WCG 141"

Sta # 1031+26 32'0/S
WCG 141"

Sta # 1031+76 32'0/S
WCG 131"

Sta # 1032+26 32'0/S
WCG 113"

Sta # 1032+76 32'0/S
WCG 100"

Sta # 1033+26 32'0/S
WCG 98"

Sta # 1033+76 32'0/S
WCG 82"

Sta # 1034+35 32'0/S
END BORE 48"

NOTES:
409' BORE

COUNTY:
Sonoma

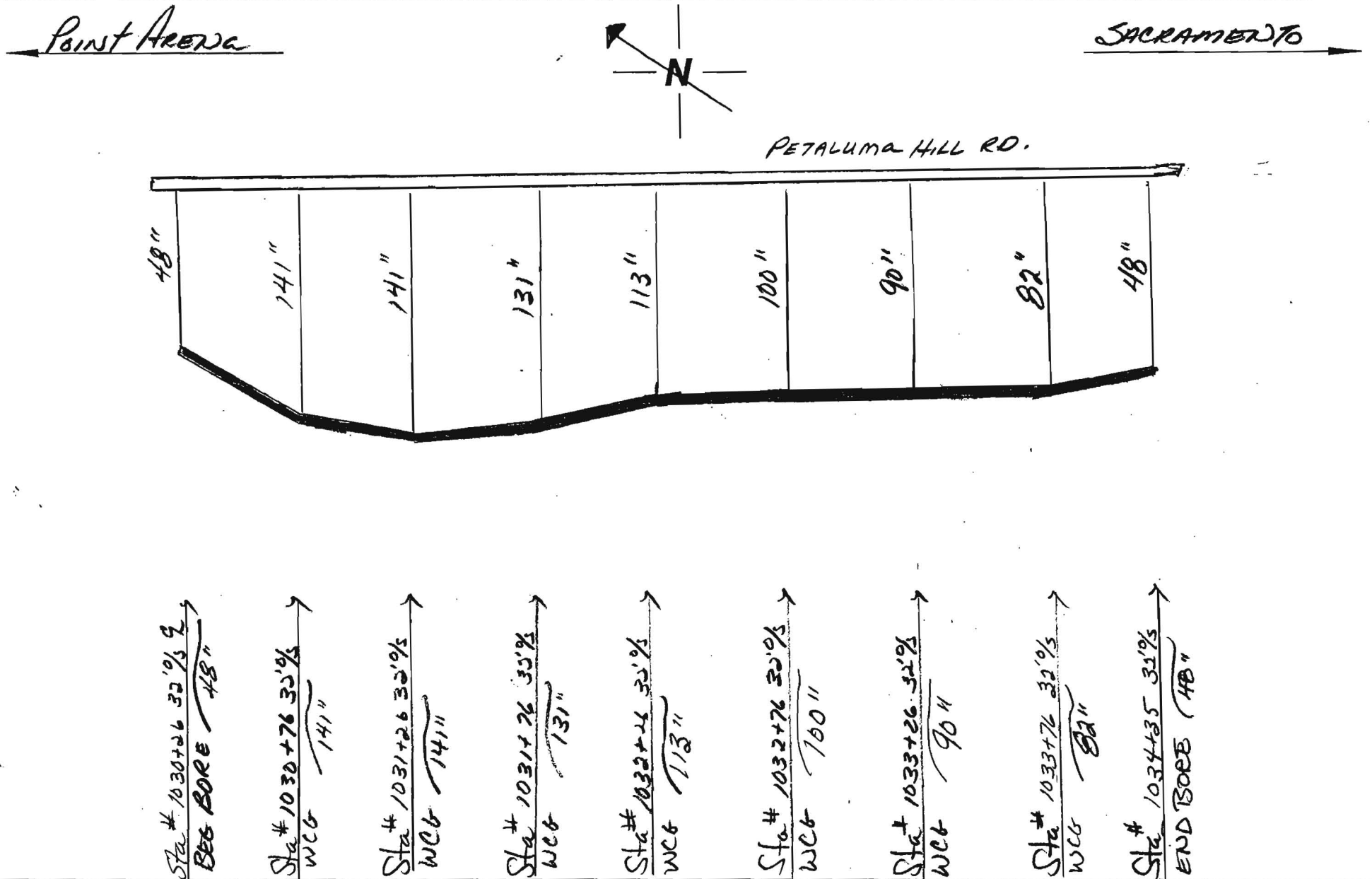
CONTRACTOR:
MGE

DUCT CONFIGURATION:
(2) 1½ (1) 1¼ H.D.P.E.

INSPECTOR:
GLORIA TABOR

PAGE OF

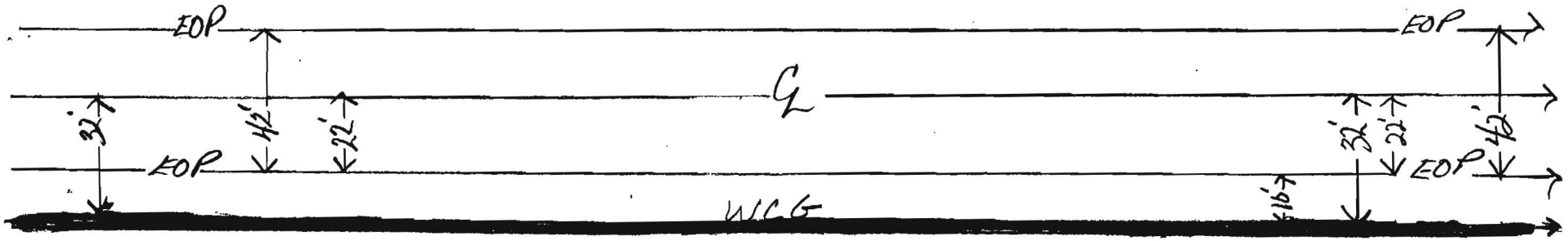
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NOTES:	COUNTY:	CONTRACTOR:
409' BORE	Sonoma	MGE
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: GLORIA TABOR

Williams CONSTRUCTION AS-BUILT DOCUMENTA	DATE: 1-16-01	PROJECT: PP154.11	DWG/ALIGNMENT SHEET: 195	SPREAD #: 4A

Point Arena ← N → SACRAMENTO



Sta # 1034+35 32'/s
BEG BORE 48"

Sta # 1034+50 32'/s
WCG 90"

Sta # 1035+00 32'/s
WCG 90"

Sta # 1035+50 32'/s
WCG 93"

Sta # 1036+00 32'/s
WCG 120"

Sta # 961+89 30'/s
WCG 127"

Sta # 962+00 30'/s
WCG 134"

Sta # 962+50 30'/s
WCG 140"

Sta # 963+00 30'/s
WCG 116"

Sta # 963+50 32'/s
WCG 110"

Sta # 964+00 32'/s
WCG 103"

Sta # 964+50 32'/s
END BORE 48"

NOTES: 426' BORE

EQUATION 1036+00 = 961+89

PAGE OF

COUNTY: Sonoma

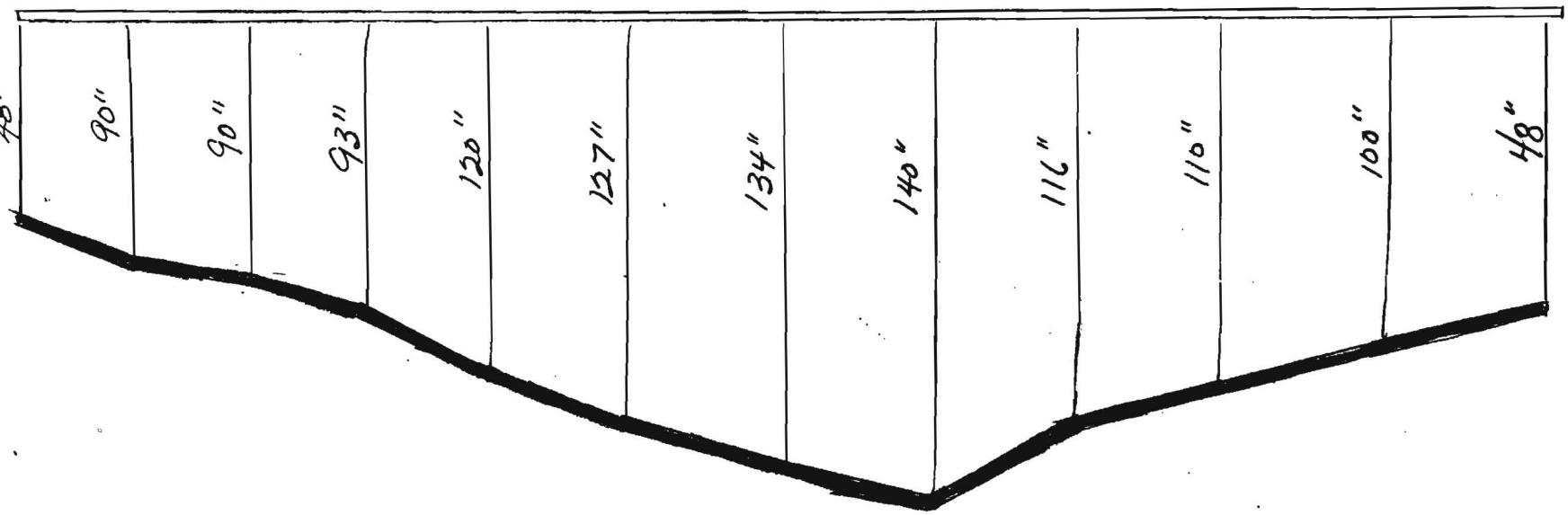
DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E

CONTRACTOR: MGE

INSPECTOR: GLORIA TABOR

Williams CONSTRUCTION AS-BUILT DOCUMENTA	DATE: 1-16-01	PROJECT: P99154.11	DWG/ALIGNMENT SHEET: 195	SPREAD #: 4A

POINT ARENA ← N → SACRAMENTO



Sta # 1034+35 32.0% BEG BORE 48"

Sta # 1034+50 32.0% WC6 90"

Sta # 1035+00 32.0% WC6 90"

Sta # 1035+50 32.0% WC6 93"

Sta # 1036+00 32.0% WC6 120"

Sta # 961+89 33.0% WC6 127"

Sta # 962+00 33.0% WC6 134"

Sta # 962+50 32.0% WC6 140"

Sta # 963+00 32.0% WC6 116"

Sta # 963+50 32.0% WC6 110"

Sta # 964+00 32.0% WC6 100"

Sta # 964+50 32.0% END BORE 48"

426' BORE

NOTES: EQUATION 1036+00 = 961+89	COUNTY: Sonoma	CONTRACTOR: MGE
PAGE OF	DUCT CONFIGURATION: (2) 1½ (1) 1¼ H.D.P.E.	INSPECTOR: GLORIA TABOR