

RINCONADA POINT - UNIT IV
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
IMPROVEMENTS FOR
GRADING, PAVING, & CITY UTILITIES

INDEX TO DRAWINGS

SHEET No.	DESCRIPTION	SHEET No.	DESCRIPTION
1	COVER SHEET	9	COMPOSITE UTILITY PLAN
2	SUBDIVISION PLAT	10	ELLIOTT RD., ELLIOTT CT., GILLINGHAM RD., MINGE RD. SEWER AND WATER PLAN & PROFILE
3	SUBDIVISION PLAT	11	TRAFFIC SIGNAL CONTROLLER CABINET & PEDESTAL FOUNDATION DETAILS
4	GRADING & DRAINAGE PLAN	12	TRAFFIC SIGNAL PULL BOX DETAILS
5	TYPICAL STREET CROSS-SECTIONS - POND INLET STRUCTURE DETAILS	13	TRAFFIC SIGNAL LOOP DETECTOR DETAILS
6	COMPOSITE PAVING PLAN		
7	ELLIOTT RD., ELLIOTT CT., GILLINGHAM RD., MINGE RD., PAVING PLAN & PROFILE		
8	OURAY RD. N.W. PAVING PLAN & PROFILES		
8A.	OURAY RD. STRIPING PLAN		

UTILITY COMPANY CONTACTS

CITY OF ALBUQUERQUE (Water & Sanitary Sewer) Bill Otto PWD/Utility Development P.O. Box 1293 Albuquerque, NM 87103 (505) 768-2718	PNM Jim Vann 4201 Edith Blvd. NE Albuquerque, New Mexico 87107 (505) 848-3426	GAS CO. Debbie O'Callaghan 4625 Edith Blvd., NE Albuquerque, New Mexico 87107 (505) 761-7705	US WEST COMMUNICATIONS Norma Carrillo 201 Third Street P.O. Box 1355, Sta. 952 Albuquerque, New Mexico 87103 (505) 245-8706	AT&T Ishmael Pantoja 111 Third St., NW Albuquerque, New Mexico 87103 (505) 842-2806	JONES INTERCABLE Karen Shore 4611 Montbel Pl., NE Albuquerque, NM 87125-7138 (505) 761-6220
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ABBREVIATIONS:

AC - ASBESTOS CEMENT	DD - DEFLECT DOWN	FO - FIBER OPTIC CABLE	PRC - POINT OF REVERSE CURVATURE	SAS - SANITARY SEWER
ARV - AIR/VACUUM RELEASE VALVE	DIP - DUCTILE IRON PIPE	G - GAS	PRV - PRESSURE RELIEF VALVE	SD - STORM DRAIN
B - BASELINE	DU - DEFLECT UP	HP - HIGH PRESSURE	PT - POINT OF TANGENCY	TC - TOP OF CURB
BCT - BEGIN CROWN TRANSITION	E - EXISTING	I - INSTALL	PUE - PUBLIC UTILITY EASEMENT	T - TELEPHONE
C - CONSTRUCT	ECT - END CROWN TRANSITION	LP - LIGHT POLE	R/REL - REMOVE & RELOCATE	TL - TRAFFIC LIGHT
CAV - COMBINATION AIR VALVE	EMD - ELECTRONIC METEL DETECTOR	NH - MANHOLE	R/RPLC - REMOVE & REPLACE	TP - TOP OF PIPE
CCP - CONCRETE CYLINDER PIPE	F/F - FACE TO FACE	NMUI - NEW MEXICO UTILITIES, INC.	PVC - POLY VINYL CHLORIDE	UE - UNDERGROUND ELECTRIC
CL - CENTERLINE	F/F - FEET/FOOT	PC - POINT OF CURVATURE	R - REMOVE	VCP - VITRIFIED CLAY PIPE
COA - CITY OF ALBUQUERQUE	FH - FIRE HYDRANT	PCC - POINT OF COMPOUND CURVATURE	REL - RELOCATE	VER - VERIFY LOCATION
	FL - FLOW LINE	POC - POINT ON CURVE	ROW - RIGHT-OF-WAY	W OR WL - WATERLINE
		PP - POWER POLE		X - CROSSING

WARNING

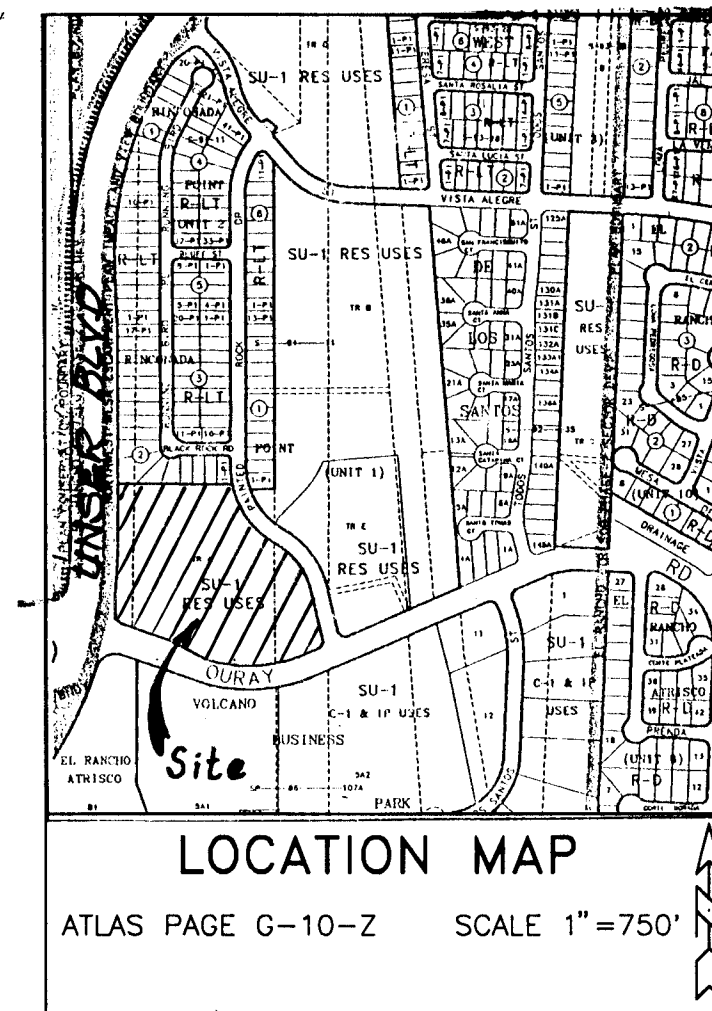
THE ENGINEER HAS UNDERTAKEN LIMITED FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.

WARNING

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.

WARNING

THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, ARE INTENDED FOR USE ON THIS PROJECT AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF GORDAN & ASSOCIATES, INC. IN THE EVENT OF UNAUTHORIZED USE, THE USER ASSUMES ALL RESPONSIBILITY AND LIABILITY WHICH RESULTS.

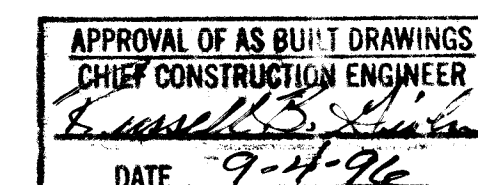


GENERAL NOTES

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED WITH UPDATE NO. 6.
2. CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER, AND SHALL BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEY SECTION. WHEN A CHANGE IS MADE IN ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.
4. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
5. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS AND EXISTING PAVEMENT. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
6. THE CONTRACTOR SHALL CONTACT WATER SYSTEMS DIVISION (857-8200) FIVE (5) WORKING DAYS PRIOR TO NEEDING SHUT-OFF OR TURN-ON OF VALVES. ONLY CITY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
7. RESTRAINED JOINTS ARE REQUIRED AT ALL WATER LINE BENDS, TEES, CAPS AND GATE VALVES.
8. THE PUBLIC WATER LINE MUST BE A MINIMUM OF 18" ABOVE THE SEWER LINE AT ALL CROSSINGS.
9. THE CONTRACTOR SHALL FURNISH EMD'S ON ALL WATER AND SEWER SERVICE STUBS, CAPS AND PLUGS.
10. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
11. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
12. TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
13. SIDEWALKS AND WHEELCHAIR RAMP WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
14. IF CURB IS DEPRESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
15. ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
16. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET. ALL NEW STRIPING SHALL BE PLASTIC AS PER CITY STANDARDS.
17. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24 HOUR CONSTRUCTION NOTICE

BY LASON
SCANNED BY

1 2 3 4 5 6 7 8 9 10 11 12 13 1 15
26-1-174933.19 31 10/19/96



REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
APPROVAL OF REVISIONS							

	GORDAN AND ASSOCIATES CONSULTING ENGINEERS 1300 LUISA, SUITE 21 SANTA FE, NEW MEXICO (505) 882-2687 FAX (505) 882-3808	APPROVED FOR CONSTRUCTION CITY ENGINEER 4/12/96
PROJECT NUMBER 4933.93		SHEET 1 OF 13

CURVE TABLE

CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
C1	1479.70	172.13	172.03	N 03°34'15" E	06°19'54"
C2	126.00	278.49	278.19	S 89°44'55" E	49°59'52"
C3	270.00	223.38	212.06	S 36°31'03" E	47°24'06"
C4	30.00	41.89	38.57	S 27°11'00" W	80°00'00"
C5	519.54	381.54	171.02	S 08°11'04" W	42°04'14"
C6	75.00	42.77	42.20	N 54°13'43" W	32°40'33"
C7	300.00	248.19	241.18	N 36°11'03" W	47°24'06"
C8	300.00	130.85	128.82	N 43°10'10" W	24°59'29"
C9	385.44	175.84	173.07	S 84°49'52" W	35°17'45"
C10	278.00	59.20	59.09	N 06°18'42" E	12°20'06"
C11	235.00	80.12	80.71	N 09°43'39" W	18°46'12"
C12	450.00	118.99	118.65	N 69°26'43" W	15°09'03"
C13	180.00	91.16	90.19	S 47°51'42" E	29°01'01"
C14	180.00	105.53	104.93	N 63°32'56" W	33°35'30"
C15	75.00	33.80	33.66	N 20°47'52" E	41°08'07"
C16	120.00	86.28	84.43	N 69°15'27" W	41°11'46"
C17	75.00	63.88	61.97	N 85°44'33" E	48°44'48"
C18	75.00	22.08	22.81	S 78°31'14" E	20°40'16"
C19	75.00	60.27	58.66	N 87°47'39" E	46°02'32"
C20	326.04	28.15	27.94	S 18°08'36" E	13°34'45"
C21	25.00	51.40	42.81	S 13°53'08" W	11°47'53"
C22	52.00	16.36	16.29	N 78°11'50" W	18°01'31"
C23	38.00	31.26	31.13	N 78°19'41" W	18°17'12"
C24	28.00	4.08	4.08	N 08°39'49" W	02°21'05"
C25	38.00	11.55	11.54	S 86°48'05" W	06°45'09"
C26	38.00	36.93	36.71	S 79°39'50" W	21°36'20"
C27	38.00	1.20	1.20	S 61°29'08" W	02°43'06"
C28	75.00	23.53	23.87	S 88°04'06" W	53°58'03"
C29	141.50	12.21	12.21	N 67°28'15" W	04°56'46"
C30	141.50	38.93	38.93	N 77°11'34" W	14°33'15"
C31	141.50	13.29	13.28	N 67°09'55" W	05°22'51"
C32	105.50	24.17	24.11	S 83°17'36" E	13°07'30"
C33	40.00	40.89	36.93	S 29°48'45" E	03°50'17"
C34	38.00	5.94	5.94	S 15°22'33" W	03°28'25"
C35	38.00	22.92	22.87	S 06°56'50" W	13°24'02"
C36	203.00	11.55	11.55	S 01°25'52" E	03°19'22"
C37	203.00	15.42	15.36	N 09°04'52" E	08°49'45"
C38	203.00	17.47	17.46	S 15°32'44" E	04°55'12"
C39	25.00	18.65	18.23	S 03°21'59" W	02°45'45"
C40	25.00	4.38	4.38	N 28°48'00" W	10°02'45"
C41	40.00	32.69	31.79	S 11°22'36" W	46°49'38"
C42	40.00	22.86	22.53	S 28°24'43" E	32°45'00"
C43	40.00	22.86	22.53	S 61°08'59" E	32°45'00"
C44	40.00	16.23	16.61	S 89°31'00" E	23°57'34"
C45	25.00	21.54	20.88	S 76°48'19" E	49°22'31"
C46	25.00	1.49	1.49	S 62°34'31" E	03°24'26"
C47	203.00	33.98	33.94	S 33°29'31" E	06°30'31"
C48	203.00	14.46	14.48	S 60°19'45" E	04°04'55"
C49	473.00	31.45	31.45	N 64°36'12" E	03°54'49"
C50	473.00	32.31	32.30	S 68°08'12" E	03°54'49"
C51	473.00	33.58	33.59	S 72°02'39" E	04°04'03"
C52	473.00	33.58	33.59	S 72°02'39" E	04°04'03"
C53	308.44	5.99	5.99	S 78°04'38" E	01°08'42"
C54	308.44	33.57	33.55	S 61°45'06" E	06°14'09"
C55	308.44	33.57	33.55	S 61°45'06" E	06°14'09"
C56	308.44	33.57	33.55	S 61°45'06" E	06°14'09"
C57	308.44	43.00	42.96	N 78°42'08" E	07°59'11"
C58	308.44	40.51	40.48	N 78°42'08" E	07°59'11"
C59	308.44	43.71	43.71	S 64°44'05" E	10°07'45"
C60	519.54	115.13	114.90	S 23°31'55" W	12°41'00"
C61	519.54	41.38	41.37	S 82°09'44" W	04°33'48"
C62	519.54	41.38	41.37	S 82°09'44" W	04°33'48"
C63	519.54	41.42	41.41	N 08°43'39" W	04°34'04"
C64	519.54	41.61	41.60	N 04°08'57" W	04°34'20"
C65	519.54	41.85	41.84	N 28°12'09" W	04°34'37"
C66	519.54	41.91	41.90	N 74°55'01" W	04°37'19"
C67	519.54	16.92	16.92	S 69°19'21" W	01°15'19"
C68	519.54	16.92	16.92	S 69°19'21" W	01°15'19"
C69	1479.70	35.16	35.16	N 05°38'03" E	01°21'41"
C70	1479.70	35.09	35.09	N 04°16'29" E	01°21'31"
C71	1479.70	35.09	35.09	N 04°16'29" E	01°21'31"
C72	1479.70	35.01	35.01	N 01°33'58" E	01°21'20"
C73	1479.70	16.63	16.63	N 00°33'58" E	00°30'39"
C74	25.00	28.94	28.68	S 84°21'11" E	81°44'53"
C75	25.00	40.44	40.15	N 76°35'28" E	23°38'31"
C76	38.00	38.31	38.07	S 80°23'06" E	22°42'02"
C77	32.00	8.16	8.15	S 23°40'43" E	08°59'16"
C78	32.00	10.60	10.60	S 84°45'11" E	11°41'00"
C79	32.00	81.60	73.48	N 45°11'29" E	89°54'20"
C80	157.00	18.20	18.19	N 03°04'56" W	06°38'31"
C81	157.00	148.74	144.15	N 33°43'17" W	54°39'11"
C82	157.00	18.20	18.19	N 03°04'56" W	06°38'31"
C83	427.00	61.81	61.75	N 66°31'00" W	08°17'35"
C84	252.00	42.26	42.26	S 62°50'09" W	26°51'29"
C85	252.00	19.23	19.23	S 10°17'33" W	04°22'24"
C86	252.00	35.02	34.99	S 04°07'30" W	07°57'42"
C87	252.00	35.02	35.02	S 02°16'42" E	04°50'43"
C88	252.00	17.00	17.00	S 06°38'03" E	03°51'58"
C89	25.00	20.80	20.21	S 32°41'19" E	47°40'22"
C90	40.00	42.14	42.22	S 33°21'59" E	60°17'28"
C91	40.00	20.88	20.59	S 21°11'11" W	34°45'03"
C92	40.00	24.28	23.89	S 58°59'07" W	34°45'03"
C93	40.00	25.25	24.83	N 87°33'31" W	38°09'41"
C94	40.00	22.02	21.74	N 83°42'39" W	31°15'18"
C95	40.00	22.02	21.74	N 22°10'14" W	31°15'18"
C96	40.00	24.12	23.76	N 10°52'46" E	34°18'22"
C97	40.00	12.14	12.02	N 14°14'51" E	27°44'48"
C98	75.00	4.60	4.59	N 04°55'41" E	10°39'20"
C99	268.00	30.69	30.68	N 07°14'49" W	02°54'09"
C100	268.00	21.08	21.09	N 02°04'11" W	02°54'09"
C101	268.00	21.53	21.53	N 02°10'17" E	04°08'25"
C102	268.00	35.33	35.30	N 07°40'48" E	06°47'31"
C103	268.00	7.80	7.80	N 14°48'25" E	01°24'51"
C104	75.00	44.36	44.36	N 38°21'09" W	10°13'48"
C105	262.44	86.57	86.18	S 81°21'57" W	18°54'00"
C106	226.44	51.68	51.67	S 69°32'59" W	04°44'58"
C107	52.00	34.91	34.91	S 27°11'00" W	80°00'00"
C108	326.04	24.05	24.04	S 57°19'57" E	04°13'33"
C109	326.04	78.60	78.11	S 49°18'46" E	14°48'44"
C110	5.00	5.89	5.89	S 42°20'00" E	10°07'45"
C111	40.00	1.89	1.89	S 54°53'03" E	08°12'42"
C112	326.04	4.40	4.40	S 38°49'55" E	08°48'24"
C113	263.72	58.85	58.85	S 69°01'26" W	17°59'53"
C114	1479.70	7.60	7.60	N 02°39'03" E	00°17'39"

SCANNED BY
BY LASON

LINE TABLE

LINE	DIRECTION	DISTANCE
L1	S 67°11'00" W	51.77
L2	N 12°40'00" W	43.68
L3	S 67°11'00" W	30.48
L4	N 12°48'45" E	84.22
L5	N 07°08'15" E	54.11
L6	N 62°22'12" W	58.12
L7	S 45°38'49" W	15.88
L8	N 45°15'10" W	0.60
L9	N 89°51'21" W	40.80
L10	N 84°46'23" E	16.14
L11	N 64°46'23" E	71.36
L12	S 07°08'39" W	16.50
L13	S 07°08'39" W	16.50
L14	S 89°45'11" E	1.22
L15	N 64°46'23" E	35.09
L16	N 45°10'44" W	13.97
L17	N 52°23'43" W	10.03
L18	N 17°05'50" W	10.03
L19	N 45°14'19" E	34.66
L20	N 37°59'19" W	34.43
L21	N 32°58'19" E	34.93
L22	N 01°27'31" W	65.78
L23	S 05°53'30" E	86.15
L24	S 64°11'14" E	13.62
L25	S 19°21'26" W	12.98

LOT AREAS (SQUARE FEET)

BLOCK 1	BLOCK 2
1 6376	1 4864
2 3500	2 4863
3 3500	3 3870
4 3500	4 4500
5 3503	5 5681
6 3575	6 3613
7 3509	7 3781
8 3632	8 4645
9 3503	9 6504
10 10939	10 5832
11 7185	11 4901
12 5270	12 4246
13 5251	13 3796
14 5265	14 3643
15 3509	15 3524
16 5463	16 4486
17 5808	17 5570
18 5672	18 6149
19 12454	19 3524
20 6382	20 3603
21 4273	21 3507
22 4155	22 3506
23 4027	23 3596
24 4025	24 4797
25 4036	
26 4718	
27 4400	
28 4325	
29 4208	
30 4134	
31 4088	
32 4622	

PLAT OF
RINCONADA POINT UNIT 4
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
NOVEMBER 1995

LEGAL DESCRIPTION

Being that certain parcel of land situated within the Town of Atrisco Grant, within Section 3 (as projected), Township 10 North, Range 2 East, New Mexico Principal Meridian, Albuquerque, Bernalillo County, New Mexico, and being identified as Tract A, Rinconada Point Unit 1, as said Tract A is shown and designated on "VACATION AND REPLAT COMPRISED OF A PORTION OF TRACT 6-A AND ALL OF TRACT 7-A-1, EL RANCHO ATRISCO PHASE 1, RINCONADA POINT UNIT 1, SITUATE WITHIN TOWN OF ATRISCO GRANT, PROJECTED SECTION 3, T10N, R2E, N.M.P.M., CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO", filed in the Office of the County Clerk, Bernalillo County, New Mexico, on August 30, 1994, in Volume 34C, Folio 289, and being more particularly described by meets and bounds survey as follows:

Beginning at the southeast corner of the parcel of land herein described being a point at the intersection of the easterly right of way line of Unser Blvd. NW and the northerly right of way line of Ouray Rd. NW, whence the ACS Control Station "2-65" bears N. 52° 15' 34" W., 865.84 feet distance; thence,

N. 00° 14' 19" E., 93.71 feet distance to a point on curve; thence,

Northeasterly, 172.13 feet distance along the arc of a curve bearing to the left (said arc having a radius of 1,479.70 feet, a central angle of 06° 39' 54" and a chord which bears N. 03° 34' 16" E., 172.03 feet distance) to the point of tangency; thence,

N. 00° 14' 19" E., 228.25 feet distance to the northwest corner of the parcel of land herein described; thence,

S. 85° 51' 21" E., 421.95 feet distance to the northeast corner of the parcel of land herein described being a point on the westerly right of way line of Painted Rock Drive NW and a point on curve; thence,

Southeasterly, 278.49 feet distance along the arc of a curve bearing to the left (said arc having a radius of 326.04 feet, a central angle of 48° 56' 22" and a chord which bears S. 35° 44' 55" E., 270.10 feet distance) to the point of reverse curvature; thence,

Southeasterly, 223.38 feet distance along the arc of a curve bearing to the right (said arc having a radius of 270.00 feet, a central angle of 47° 24' 06" and a chord which bears S. 36° 31' 03" E., 217.06 feet distance) to the point of tangency; thence,

S. 12° 49' 00" E., 186.78 feet distance to the point of curvature; thence,

Southeasterly, 41.89 feet distance along the arc of a curve bearing to the right (said arc having a radius of 30.00 feet, a central angle of 80° 00' 00" and a chord which bears S. 27° 11' 00" W., 38.57 feet distance) to the point of tangency being the southeast corner of the parcel of land herein described and a point on the northerly right of way line of Ouray Rd. NW; thence,

S. 67° 11' 00" W., 51.77 feet distance to the point of curvature; thence,

Southwesterly, 381.54 feet distance along the arc of a curve bearing to the right (said arc having a radius of 519.54 feet, a central angle of 42° 04' 36" and a chord which bears S. 88° 13' 18" W., 373.02 feet distance) to a point; thence,

N. 62° 22' 12" W., 150.18 feet distance to a point; thence,

N. 70° 44' 24" W., 166.24 feet distance to a point on curve; thence,

Northwesterly, 42.77 feet distance along the arc of a curve bearing to the right (said arc having a radius of 75.00 feet, a central angle of 32° 40' 33" and a chord which bears N. 54° 13' 43" W., 42.20 feet distance) to the southwest corner and point of beginning of the parcel of land herein described and containing 386,952 square feet (8.8832 acres), more or less.

NOTES:

- BEARINGS SHOWN ARE NEW MEXICO STATE PLANE GRID BEARINGS (CENTRAL ZONE).
- DISTANCES ARE GROUND DISTANCES.
- ALL PROPERTY CORNERS SHOWN WILL BE MARKED WITH A P.K. NAIL W/SHINER, SCRIBED

PLAT OF
RINCONADA POINT UNIT 4-
 ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
 NOVEMBER 1995

FALLS
 USGS BRASS TABLET
 NEW MEXICO STATE PLANE
 COORDINATE SYSTEM
 (CENTRAL ZONE) (NAD 1927)
 T=1503.24149
 X=358.66134
 G=0.9996673
 G.S. = -0718'33"

RINCONADA POINT UNIT 1
 FILED: 8/20/94
 (94C, 289)

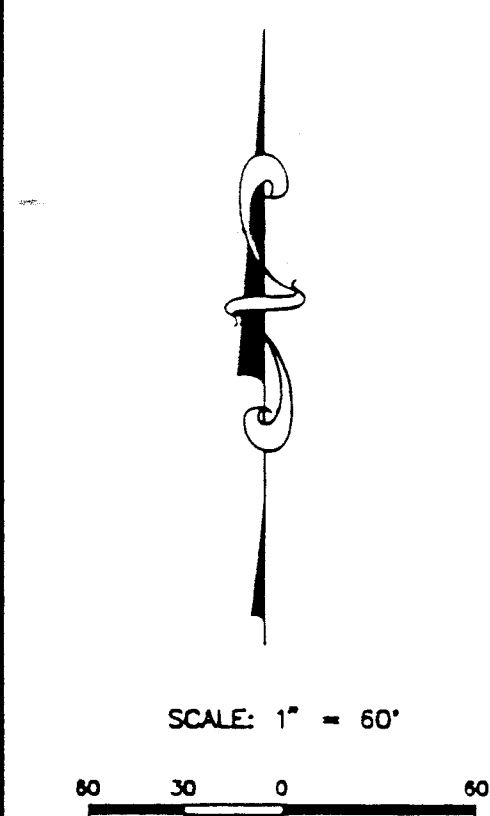
PERMANENT SLOPE ESMT.
 PARCEL 10
 DOC. #91040658
 FILED: 5/23/91
 (91-8, 9035-9038)
 PERMANENT SLOPE ESMT.
 DOC. #9981387
 FILED: 9/20/89
 (MSC.790A, 825-827)

EXIST. 200' P.W. ESMT.
 FILED: 1/13/59, (459-647)
 FILED: 2/18/57, (377-388)

10' P.U.E. & EXIST.
 10' P.W. & MTL.
 BELL ESMT.
 FILED: 2/27/87
 (C33-11)

10' P.U.E. & EXIST.
 10' P.W. & MTL.
 BELL ESMT.
 FILED: 2/27/87
 (C33-11)

NOTE:
 IN APPROVING THIS PLAT, PLAINS ELECTRIC GENERATION AND
 TRANSMISSION COOPERATIVE, INC. DOES NOT WAIVE OR RELEASE
 ANY EASEMENT OR EASEMENT RIGHTS WHICH MAY HAVE BEEN
 GRANTED BY PRIOR PLAT, REPLAT, OR OTHER DOCUMENT WHICH
 ARE NOT SHOWN ON THIS PLAT.



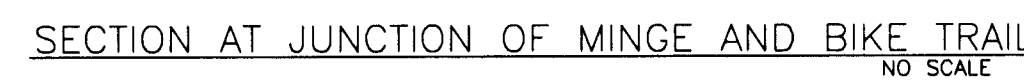
SCANNED BY
 BYLASON

2-20
 USGS BRASS TABLET
 NEW MEXICO STATE PLANE
 COORDINATE SYSTEM
 (CENTRAL ZONE) (NAD 1927)
 T=1499.06446
 X=358.66072
 G=0.9996684
 G.S. = -0718'33"

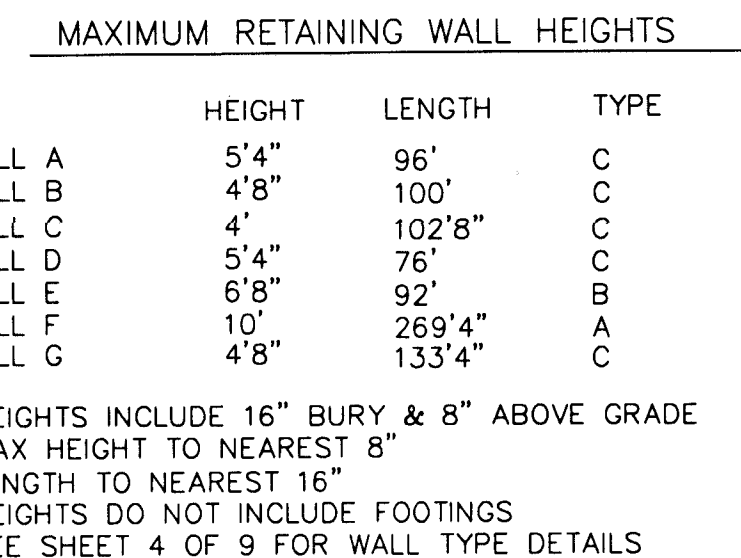
POINT OF BEGINNING
 LEGAL DESCRIPTION

26-41-37-19-17-15-13-11-9-7-5-3-1

1. CROSS LOT DRAINAGE WILL NOT BE PERMITTED.
2. ALL DRAINAGE SWALES AND YARD AREAS SHALL HAVE MINIMUM SLOPES OF 1% IN THE DIRECTIONS INDICATED BY THE FLOW ARROWS AND MAXIMUM SLOPES OF 3 HORIZ. TO 1 VERT.
3. BUILDING PADS SHALL BE SET AT LEAST 0.2' ABOVE THE HIGHEST ELEVATION OF ADJACENT SWALES.
4. DRIVEWAYS SHALL SLOPE TOWARD THE STREETS AT A MINIMUM SLOPE OF 1% AND A MAXIMUM SLOPE OF 14%.
5. USEABLE BACKYARD AREAS SHALL SLOPE AWAY FROM BUILDING PADS AT A GRADE BETWEEN 1% AND 5%.
6. CARE SHALL BE TAKEN TO DIRECT THE DRAINAGE FROM EACH LOT THROUGH THE COMMON DRAINAGE EASEMENTS TO THE STREETS. RUNOFF SHALL NOT BE PERMITTED TO CROSS FROM ONE LOT ONTO ANOTHER.
7. WHERE YARD GRADES OF ADJACENT LOTS AT PROPERTY LINES CAN NOT BE MATCHED USING THE ABOVE CRITERIA, RETAINING WALLS SHALL BE PROVIDED AS NECESSARY TO ACCOMMODATE THE GRADE DIFFERENTIALS.

[illegible]

PRISMOIDAL METHOD	
ORIGINAL SURFACE	existing
FINAL SURFACE	final-grade
FILL COMPACTION FACTOR	30 % SWELL
RAW CUT VOLUME	13072.55 CY
RAW FILL VOLUME	13954.44 CY
CMP FILL VOLUME	18140.77 CY
REQ'D IMPORT	5068.22 CY



NOTE:
THE CONTRACTOR SHALL OBTAIN A TOPSOIL
DISTURBANCE PERMIT PRIOR TO GRADING.

APPROVAL ROUGH GRADING	
DATE .	
3-6-96	<i>Anna Calagura</i>
 GORDAN AND ASSOCIATES CONSULTING ENGINEERS 1300 LUJAN, SUITE 21 SANTA FE, NEW MEXICO (505) 962-2567 FAX (505) 962-3906	

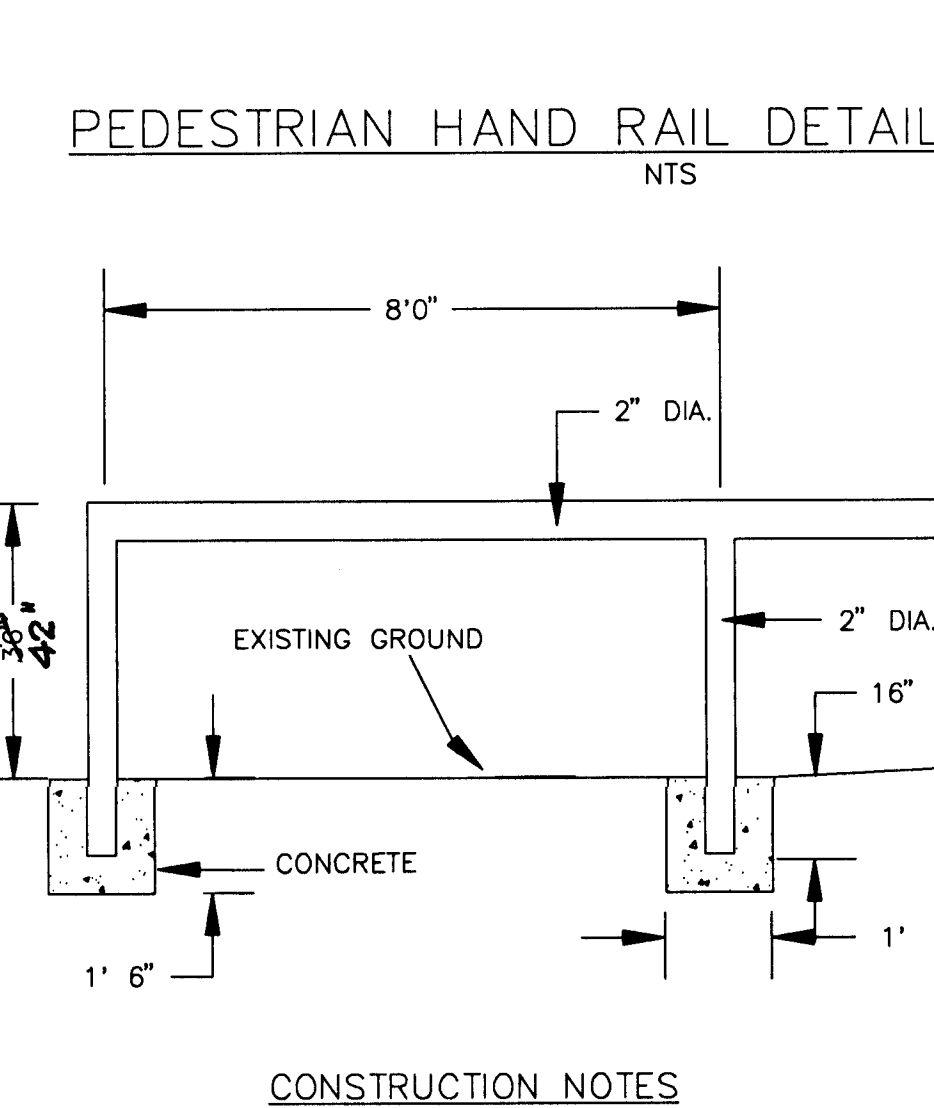
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

RINCONADA POINT, UNIT IV
GRADING AND DRAINAGE PLAN

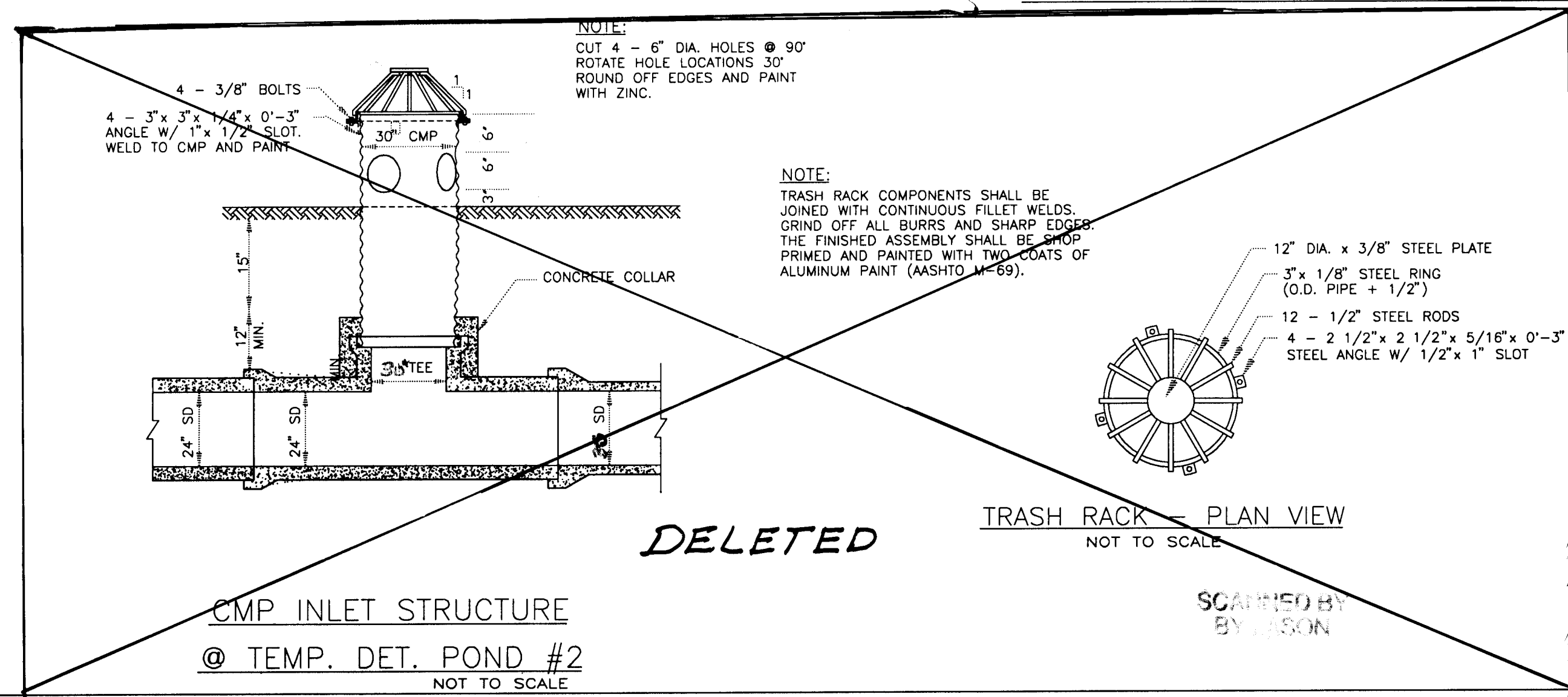
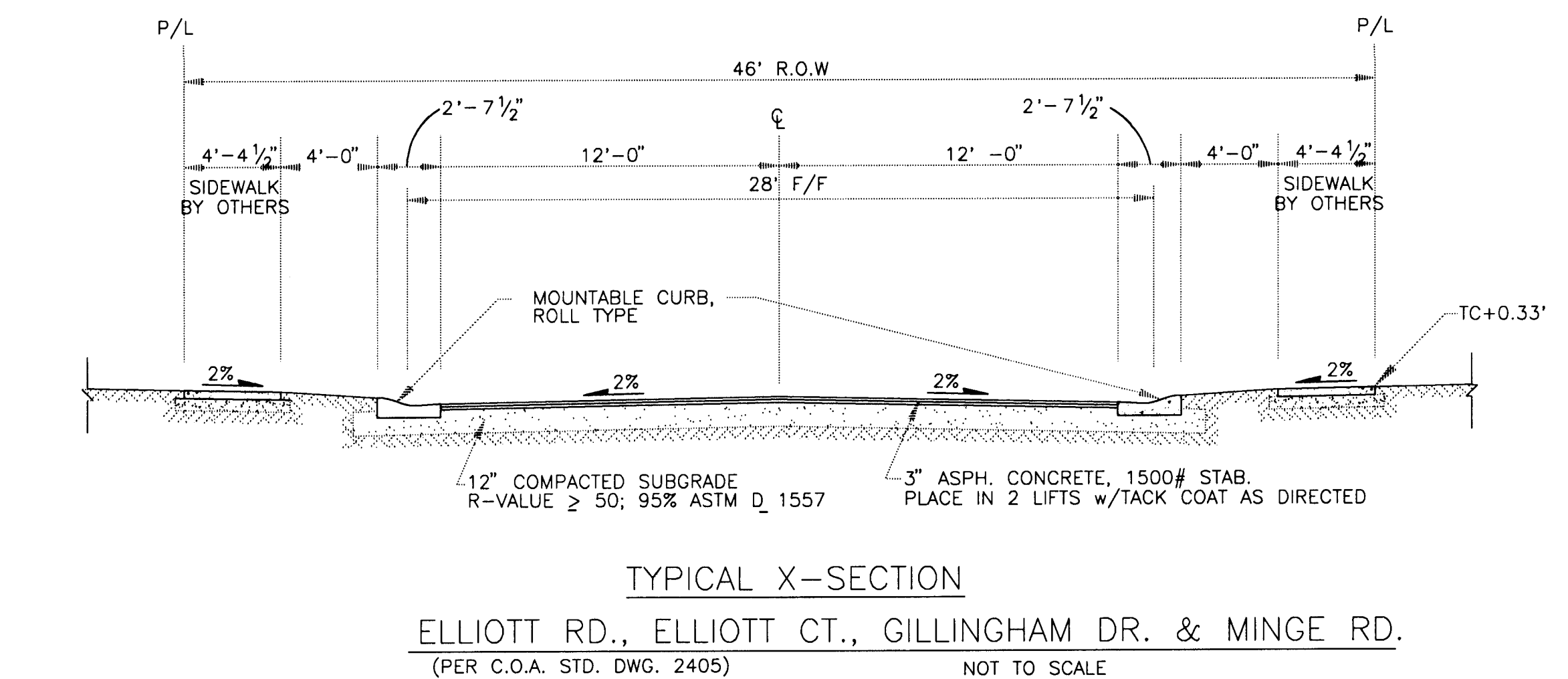
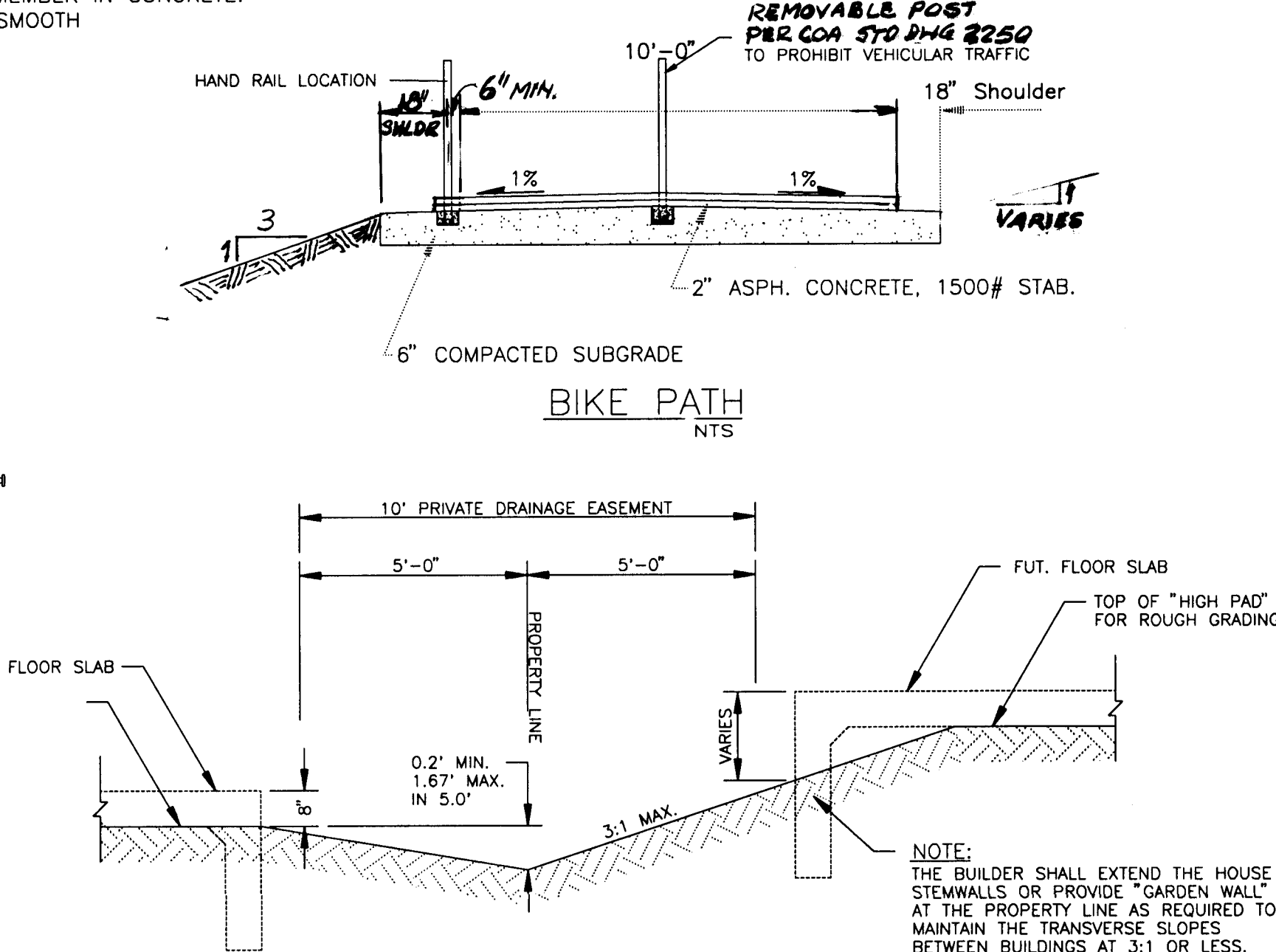
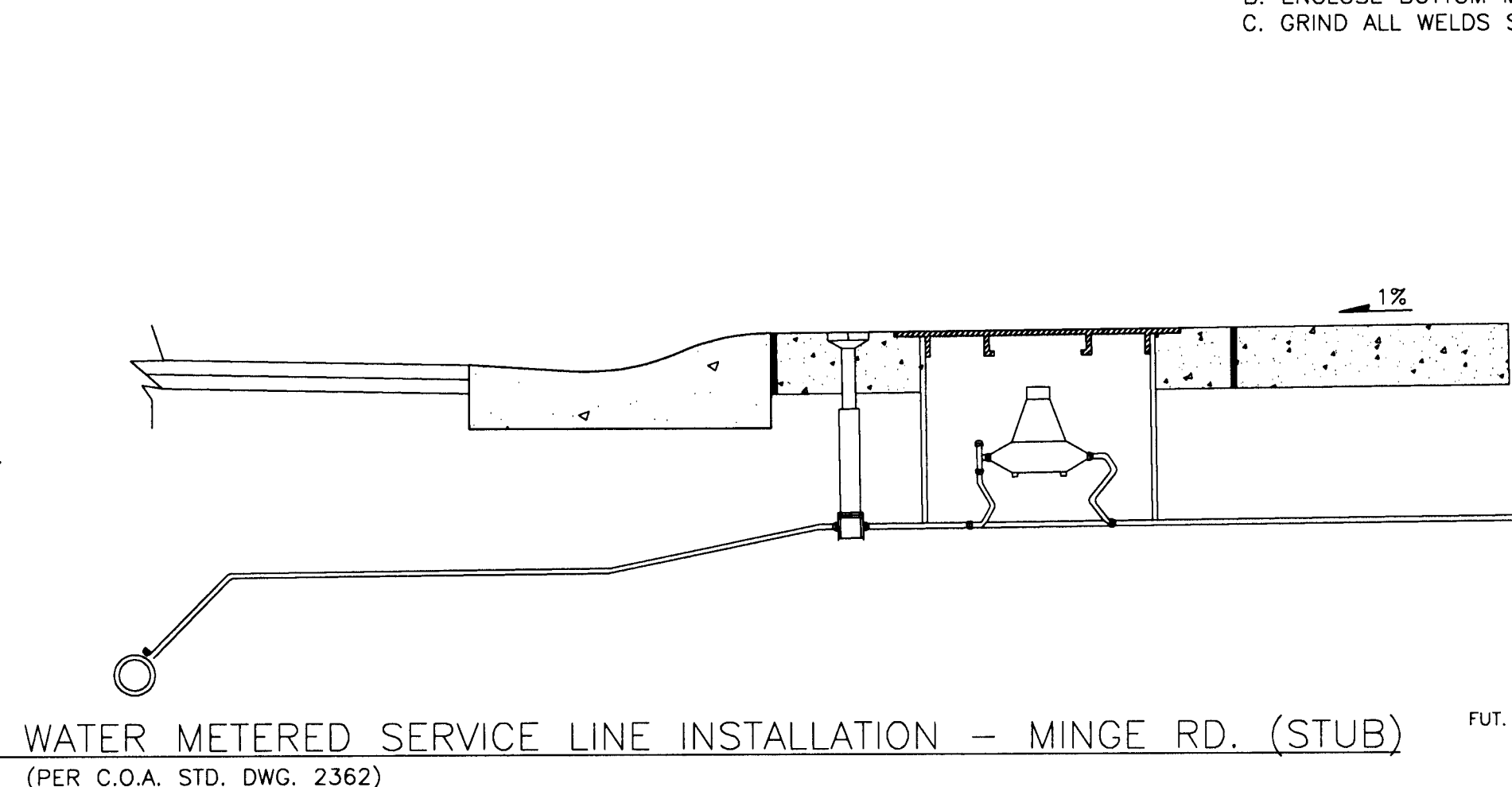
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIR	<i>B.G. Goodley</i>	<i>4-10-96</i>	WATER	<i>Reginald</i>	<i>3-29-96</i>
TRANS. DEV.	<i>NK XB</i>	<i>3-14-96</i>	WASTEWATER	"	"
HYDROLOGY	<i>D. Selma</i>	<i>3-6-96</i>	CONST. COORD.		
<i>Parks</i>	<i>D. Selma</i>	<i>3-6-96</i>			
DRAWING NO	4933.93	MAP NO. G-10	SHEET 4	OF 13	

SCANNED BY
BY LASON

ENGINEER'S SEAL		SURVEY INFORMATION		FIELD NOTES		BENCH MARKS		AS BUILT INFORMATION	
		NO.	BY	ALBUQUERQUE SURVEYING CO.	DATE	DATE	DATE	DATE	DATE
REMARKS	NO.	DATE	BY	ACS ALUMINUM CAP "2-69" IN A 2" IRON PIPE 1" ABOVE GROUND. 0.7' FROM END OF PAVEMENT ON DUNAY RD. AT THE TOP OF DAM. ELEVATION = 5334.50 MSL.					
REVISIONS	DRAWINGS VERIFICATION BY <u>CDR / JLM</u> DATE <u>2-2-20</u> CORRECTED BY <u>2-2-20</u> MICRO-FILM INFORMATION								
DESIGNED BY JCH	RECORDED BY _____ DATE _____								
DRAWN BY JCH	NO. _____								
CHECKED BY TRG	DATE 11-95								
	DATE 11-95								
	DATE 11-95								

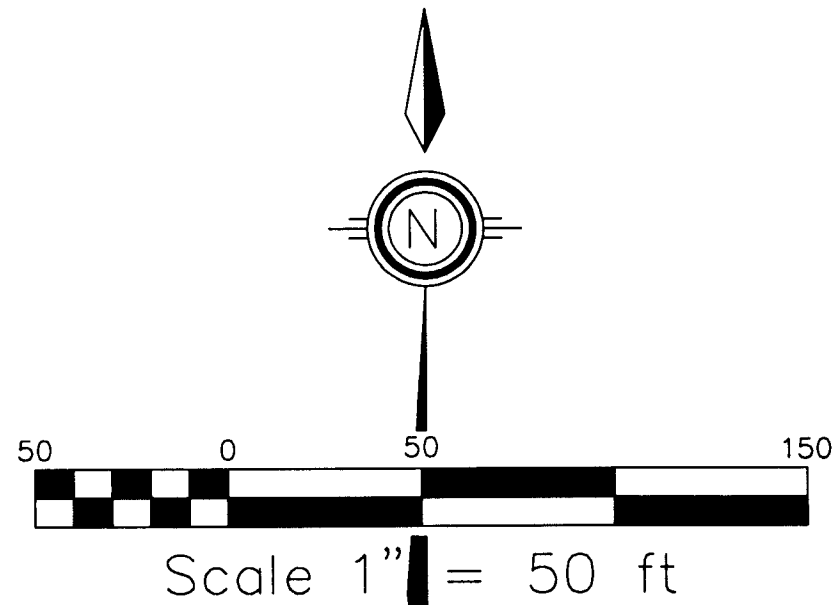


1. CROSS LOT DRAINAGE WILL NOT BE PERMITTED.
2. ALL DRAINAGE SWALES AND YARD AREAS SHALL HAVE MINIMUM SLOPES OF 1% IN THE DIRECTIONS INDICATED BY THE FLOW ARROWS AND MAXIMUM SLOPES OF 3 HORIZ. TO 1 VERT.
3. BUILDING PADS SHALL BE SET AT LEAST 0.2' ABOVE THE HIGHEST ELEVATION OF ADJACENT SWALES.
4. DRIVEWAYS SHALL SLOPE TOWARD THE STREETS AT A MINIMUM SLOPE OF 1% AND A MAXIMUM SLOPE OF 2%.
5. USEABLE BACKYARD AREAS SHALL BE AT LEAST 30'x25', AND SHALL SLOPE AWAY FROM THE BUILDING PADS AT A GRADE BETWEEN 1% AND 5%.
6. CARE SHALL BE TAKEN TO DIRECT THE DRAINAGE FROM EACH LOT THROUGH THE COMMON DRAINAGE EASEMENTS TO THE STREETS. RUNOFF SHAL NOT BE PERMITTED TO CROSS FROM ONE LOT TO ANOTHER.
7. WHERE YARD GRADES OF ADJACENT LOTS AT PROPERTY LINES CAN NOT BE MATCHED USING THE ABOVE CRITERIA, RETAINING WALLS SHALL BE PROVIDED IF NECESSARY TO MAINTAIN THE GRADE DIFFERENTIALS.
8. PONDS MAINTAINED BY THE H.O.A.



ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION		
		FIELD NOTES		ACS ALUMINUM CAP "5-LB" AT N.E. CORNER OF CENTRAL AVE. AND 110 TH. ST. S.W.		CONTRACTOR: J.C.1		
		NO.	BY	DATE	WORK		STARTED BY: C.A. / J.M. DATE	
			ALBUQUERQUE SURVEYING CO.		ACCEPTANCE BY: C.A. / J.M. DATE			
			AND		VERIFICATION BY: C.A. / J.M. DATE			
REMARKS		T.R. MANN & ASSOCIATES (PHOTOGRAMMETRY)		DRAWINGS		CORRECTED BY: C.A. / J.M. DATE		
DESIGNED BY JCH		DATE 8-95		MICRO-FILM INFORMATION		RECORDED BY: NO.		
DRAWN BY JCH		DATE 8-95						
CHECKED BY TRG		DATE 8-95						
ALBUQUERQUE DEPARTMENT GROUP UNIT IV SECTIONS DETAILS DETAILS								
APPROVALS		ENGINEER		DATE				
WATER		R. CORD ANTONIO		2/29/96				
COORD.		"		"				
SHEET 5 OF 13								

RINCONADA POINT UNIT 1

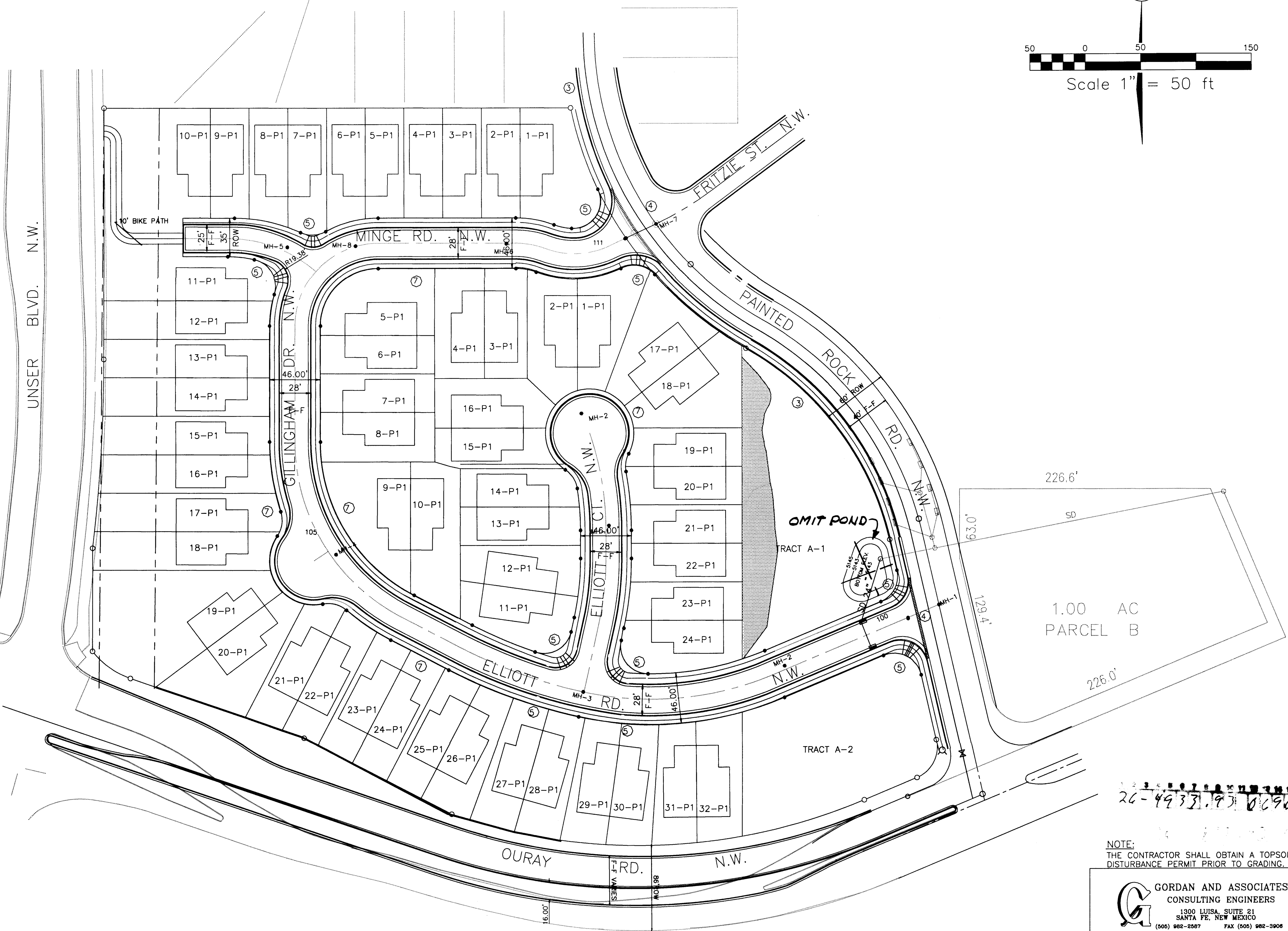


LEGEND

WATER VALVE	EXISTING	NEW
FIRE HYDRANT		
MANHOLE		
STREET LIGHT		
CATCH BASINS		
WATER METERS		

KEYNOTES:

- ③ 4' SIDEWALK (BY OTHERS).
④ CONCRETE VALLEY GUTTER PER STD. DWG. 2420.
⑤ WHEEL CHAIR RAMP PER STD. DWG. 2441, CASE II.
⑦ 4' SIDEWALK DEFERRED



26-49331.19-0000

NOTE:
THE CONTRACTOR SHALL OBTAIN A TOPSOIL DISTURBANCE PERMIT PRIOR TO GRADING.

GORDAN AND ASSOCIATES
CONSULTING ENGINEERS
1300 LUISA, SUITE 21
SANTA FE, NEW MEXICO
(505) 982-2587 FAX (505) 982-3908

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

RINCONADA POINT, UNIT IV
COMPOSITE PAVING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIR	<i>[Signature]</i>	4-10-91	WATER	<i>[Signature]</i>	2-29-91
TRANS. DEV.	<i>[Signature]</i>	3-14-96	WASTEWATER	"	"
HYDROLOGY	<i>[Signature]</i>	3-6-96	CONST. COORD.		
DRAWING NO.	4933.93	MAP NO. G-10	SHEET 6 OF 13		

AS BUILT INFORMATION			
CONTRACTOR	DATE	NO.	DATE
STATED BY	DATE	NO.	DATE
ACCEPTANCE BY	DATE	NO.	DATE
FIELD CORRECTION BY	DATE	NO.	DATE
REVISIONS	DATE	NO.	DATE
CORRECTED BY	DATE	NO.	DATE
RECORDED BY	DATE	NO.	DATE

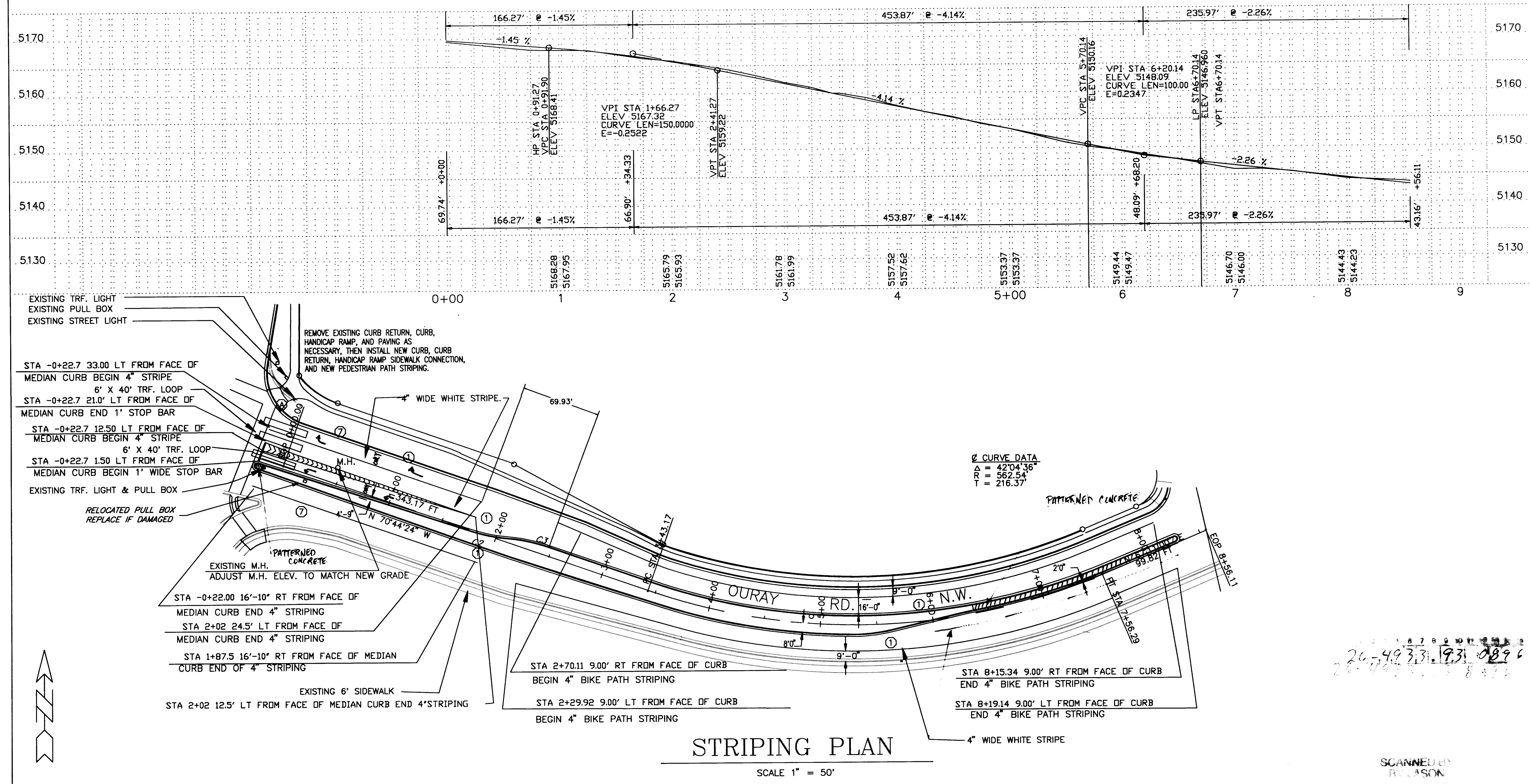
BENCH MARKS			
ACS ALUMINUM CAP 12-08" IN A 2" IRON PIPE	DATE	NO.	DATE
DURAY RD. AT THE TOP OF DIAM.	DATE	NO.	DATE
ELEVATION = 5334.50 MSL	DATE	NO.	DATE

SURVEY INFORMATION			
FIELD NOTES	DATE	NO.	DATE
BY	DATE	NO.	DATE
ALBUQUERQUE SURVEYING CO.	DATE	NO.	DATE

ENGINEER'S SEAL
[Signature]
STATE OF NEW MEXICO
EXPIRATION DATE 11-95
NO. 3977

REVISIONS			
NO.	DATE	BY	REMARKS
1	11-95	JCH	DESIGN
2	11-95	JCH	
3	11-95	TRG	

SCANNED BY
BY LASON



- | NUMBER | IC | T | FT | R | FT | L | FT | IC | FT |
|--------|-----------|--------|--------|--------|--------|---|----|----|----|
| C1 | 42°05'30" | 216.46 | 413.26 | 562.54 | 404.03 | L | FT | IC | FT |
| C2 | 34°40'32" | 173.12 | 350.54 | 355.61 | 330.51 | L | FT | IC | FT |
| C3 | 24°02'40" | 121.30 | 370.54 | 339.43 | 337.68 | L | FT | IC | FT |
| C4 | 19°23'22" | 25.63 | 150.00 | 60.76 | 60.52 | L | FT | IC | FT |
| C5 | 07°44'25" | 10.15 | 150.00 | 20.26 | 20.25 | L | FT | IC | FT |
| C6 | 11°19'54" | 14.88 | 150.00 | 23.67 | 23.62 | L | FT | IC | FT |
| C9 | 18°00'00" | 6.23 | 2.00 | 6.26 | 4.00 | L | FT | IC | FT |
| C10 | 04°45'37" | 13.16 | 150.00 | 12.46 | 12.46 | L | FT | IC | FT |
| C11 | 10°01'32" | 17.20 | 150.00 | 26.23 | 26.21 | L | FT | IC | FT |
| C12 | 13°04'59" | 15.59 | 150.00 | 34.25 | 34.18 | L | FT | IC | FT |
| C13 | 11°51'56" | 23.49 | 150.00 | 31.06 | 31.01 | L | FT | IC | FT |
| C14 | 8°00'00" | 15.49 | 28.00 | 39.10 | 36.00 | L | FT | IC | FT |
| C15 | 18°00'00" | 6.28 | 2.00 | 6.28 | 4.00 | L | FT | IC | FT |
| C16 | 09°59'23" | 48.99 | 560.54 | 97.5 | 97.61 | L | FT | IC | FT |

SURVEY INFORMATION		BENCH MARKS	AS BUILT INFORMATION	
NO.	FIELD NOTES		CONTRACTOR NO.	DATE
	BY	DATE		
	ALBUQUERQUE SURVEYING CO. AND T.R. MANN & ASSOC. (PHOTOGRAMMETRY)	3-95	6	
	ACS ALUMINUM CAP "5-LB" AT N.E. CORNER OF CENTRAL AVE. AND 110 TH. ST. S.W. ELEVATION = 5301.89 MSL.		CONTRACTOR NOTED BY C.D. J.M.	DATE
			INSPECTION'S SPECIFIED BY C.D. J.M.	DATE
			VERIFICATION BY C.D. J.M.	DATE
			CORRECTED BY	DATE
			RECORDED BY	DATE
			NO.	

ENGINEER'S SEAL

 3/14/96

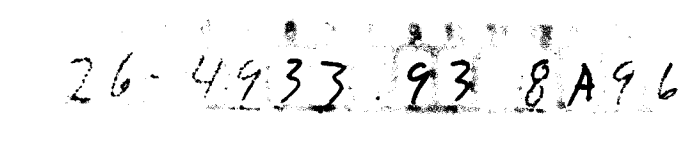
[illegible]

GORDAN AND ASSOCIATES
CONSULTING ENGINEERS
1300 LUISA, SUITE 21
SANTA FE, NEW MEXICO
(505) 982-2557 FAX (505) 982-3908

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

RINCONADA POINT, UNIT IV
OURAY RD.
STREET PLAN, PROFILE & CROSS SECTION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIR	<i>BA Baskin</i>	<i>1-10-96</i>	WATER	<i>N/A RLS</i>	
TRANS. DEV.	<i>BA Baskin</i>	<i>3-18-96</i>	WASTEWATER	<i>■</i>	
HYDROLOGY	<i>N/A SMC</i>	<i>3-18-96</i>	CONST. COORD.		
<i>Parks</i>	<i>HA DS</i>	<i>8-10-96</i>			
DRAWING NO.	4933.93	MAP NO. G-10	SHEET 8	OF 13	



KEYNOTES

- ① STANDARD CURB & GUTTER PER STD. DWG. 2415.
- ② STANDARD MEDIAN CURB & GUTTER PER STD DWG 2415.
- ③ 4' CONCRETE SIDEWALK.
- ④ CONCRETE VALLEY GUTTER PER STD. DWG. 2420.
- ⑤ WHEEL CHAIR RAMP PER STD. DWG. 2441, CASE II.
- ⑥ EXISTING 6' CONCRETE SIDEWALK

[illegible]

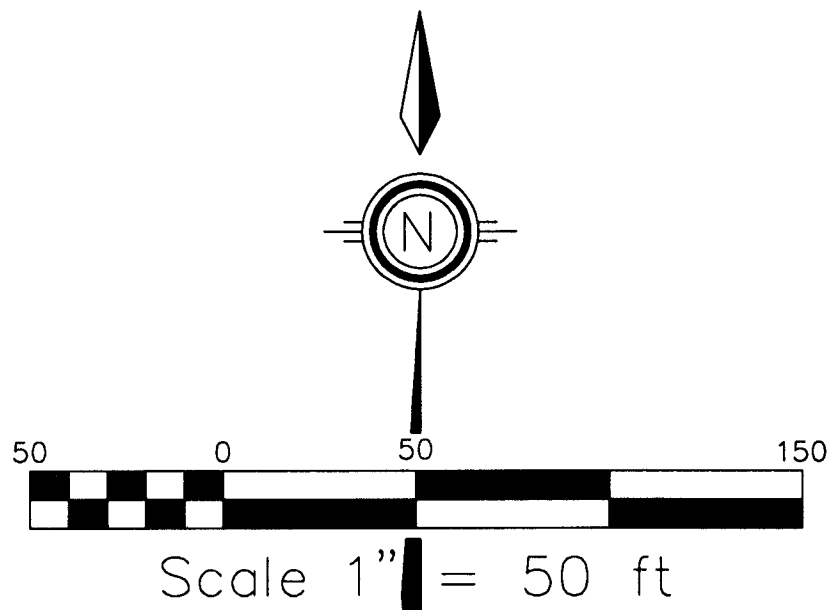
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP

RINCONADA POINT, UNIT IV

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIR	<i>S. S. Smiley</i>	3-10-96	WATER	<i>N/A Red</i>	
TRANS. DEV.	<i>S. S. Smiley</i>	3-14-96	WASTEWATER	"	
HYDROLOGY	<i>N/A Smc</i>	3-18-96	CONST. COORD.		
<i>Frank</i>	<i>D. Selma</i>	3-11-96			

DRAWING NO.	4933.93	MAP NO.	G-10	SHEET	8A	OF	13
-------------	---------	---------	------	-------	----	----	----

RINCONADA POINT UNIT 1



LEGEND

	EXISTING	NEW
WATER VALVE	X	X
FIRE HYDRANT	Q	Q
MANHOLE	o	o
STREET LIGHT	+	+
CATCH BASINS	■	■
WATER METERS	■	■

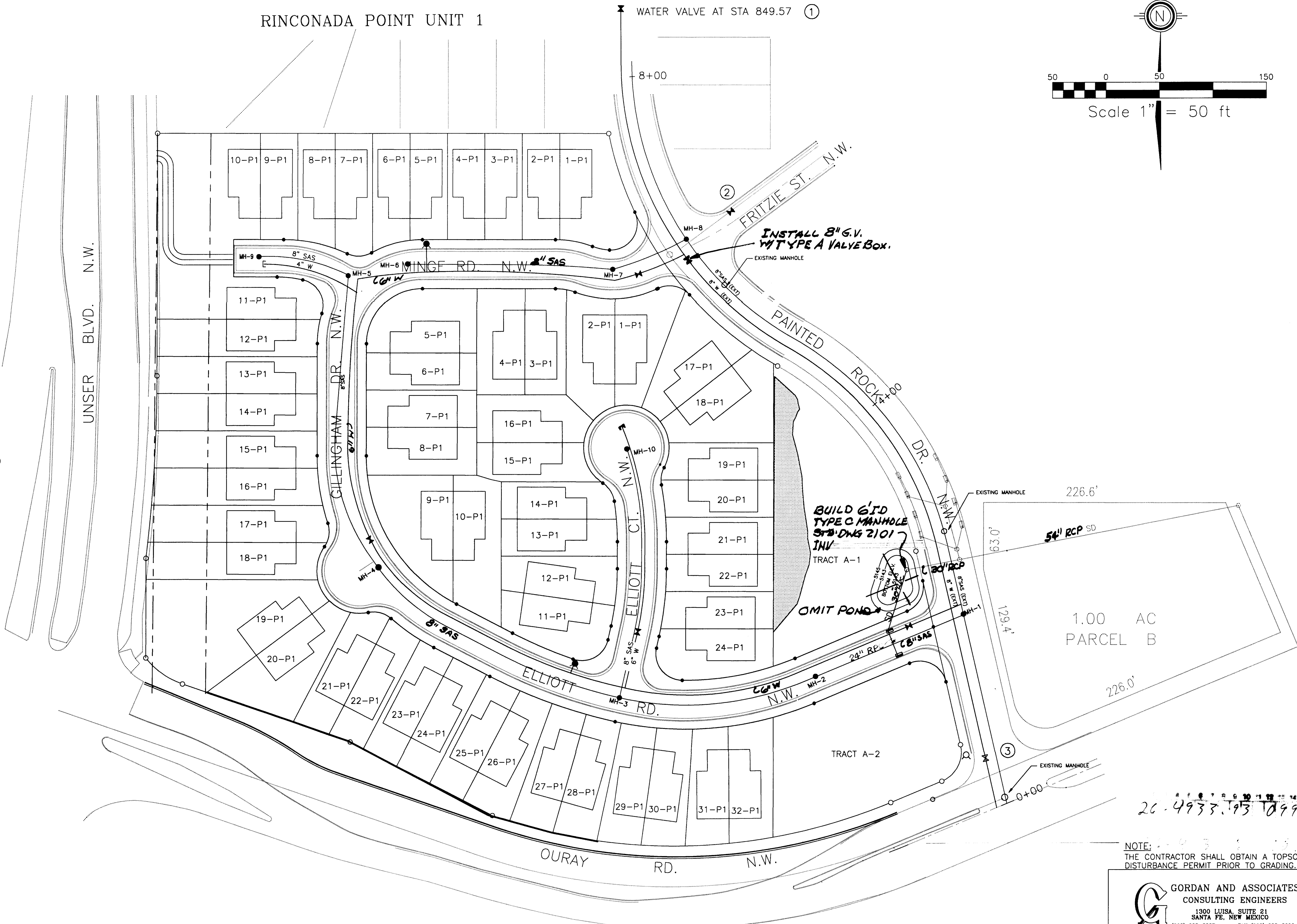
WATER SHUT-OFF PLAN

LOCATION	DESCRIPTION	CLOSE VALVE
①	SOUTH BOUND LANE PAINTED ROCK DR. 220' N FROM FRITZIE INTERSECTION	(760)
②	SOUTH WEST BOUND LANE FRITZIE DR. 50' NE FROM PAINTED ROCK DR. INTERSECTION	NO NUMBER CURRENTLY ASSIGNED
③	SOUTH BOUND LANE PAINTED ROCK DR. 45' N FROM OURAY INTERSECTION	(831)

THRUST RESTRAINT DESIGN SUMMARY

SIZE, TYPE, FITTING	RESTRAINED LENGTH(S)
1+00 6" PVC 22.5 H-BEND	Lr = 6'
2+00 6" PVC 45 H-BEND	Lr = 12'
4+00 PVC TEE 6" RUN x 6" BRANCH	Lrn = 10' Lbr = 11'
5+00 PVC TEE 8" RUN x 6" BRANCH	Lrn = 8' Lbr = 9'
6+00 6" PVC VALVE/D.END	Lrn = 62'

NOTES:
PRESSURE=150 PSI/1.5 SAFETY FACTOR
DEPTH OF BURY=3'.
ALL FIRE HYDRANTS SHALL BE INSTALLED WITH
RESTRAINED JOINTS FROM THE TEE AT THE MAIN
TO THE HYDRANT FLANGE.



26-4933.93-10996

NOTE:
THE CONTRACTOR SHALL OBTAIN A TOPSOIL
DISTURBANCE PERMIT PRIOR TO GRADING.

GORDAN AND ASSOCIATES
CONSULTING ENGINEERS
1300 LUISA, SUITE 21
SANTA FE, NEW MEXICO
(505) 968-2567 FAX (505) 968-3908

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

RINCONADA POINT, UNIT IV
COMPOSITE UTILITY PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIR	<i>[Signature]</i>	3-10-96	WATER	<i>[Signature]</i>	3-29-96
TRANS. DEV.	<i>[Signature]</i>	3-14-96	WASTEWATER	<i>[Signature]</i>	"
HYDROLOGY	<i>[Signature]</i>	3-6-96	CONST. COORD.		
<i>[Signature]</i>	HIA	3-6-96			

DRAWING NO. 4933.93

MAP NO. G-10

SHEET 9 OF 13

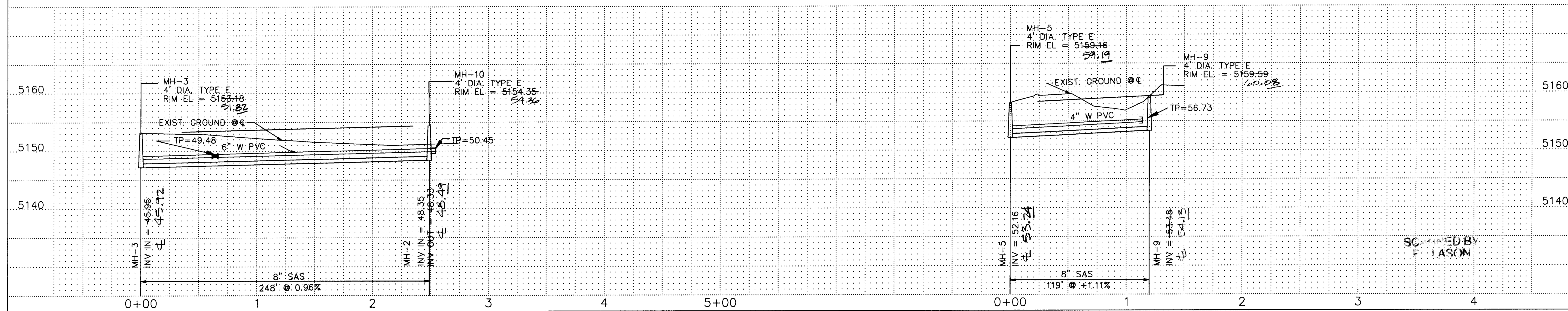
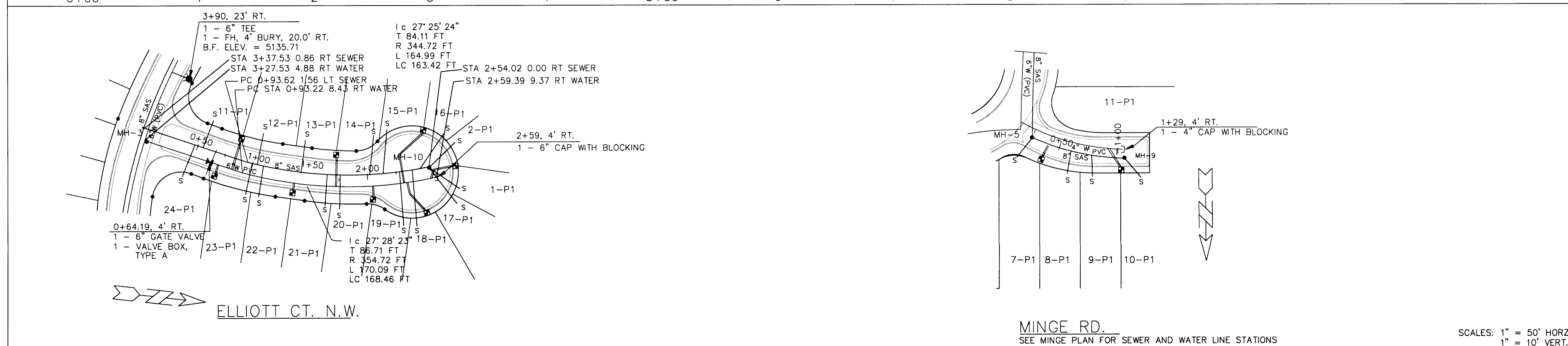
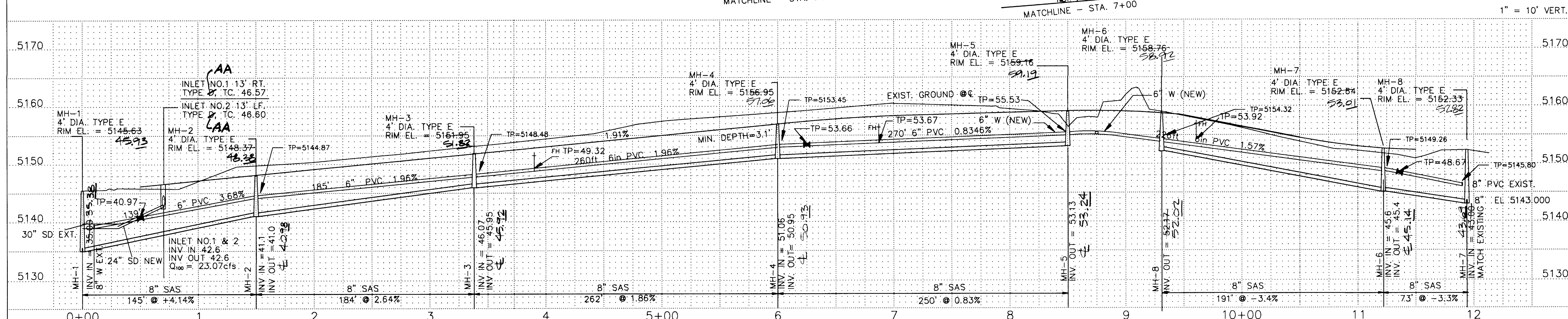
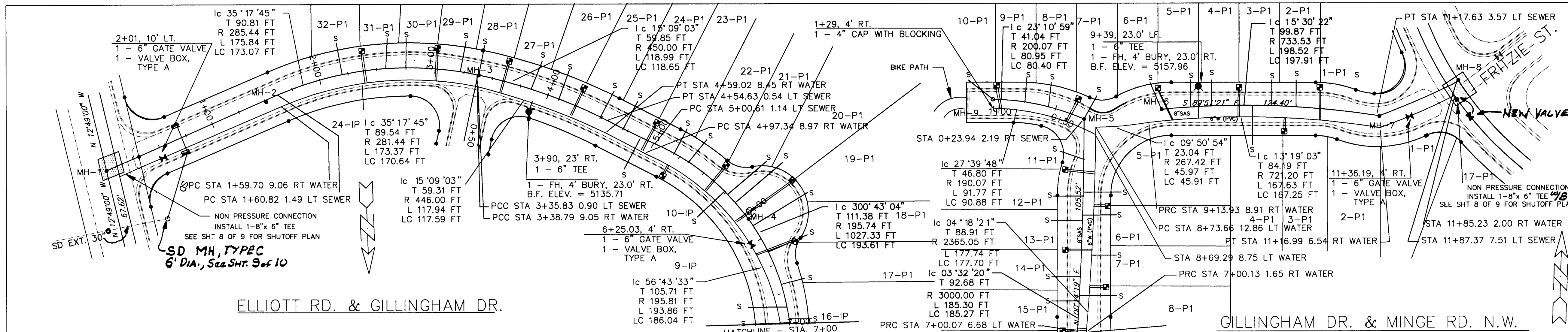
AS BUILT INFORMATION	
CONTRACTOR	NCL
WORK ORDER NO.	100
INSPECTOR	COB
ACCEPTANCE BY	COB
DATE	3/17
VERIFICATION BY	COB
DATE	3/17
DRAWINGS	2LD
CHECKED BY	2LD
DATE	3/17
MICRO-FILM INFORMATION	
RECORDED BY	
DATE	

BENCH MARKS	
ACS ALUMINUM CAP	2-G9" IN A 2" IRON PIPE
DATE	11-95
SURVEY INFORMATION	
FIELD NOTES	DATE 11-95
BY	ALBUQUERQUE SURVEYING CO
NO.	ELEVATION = 5334.50 MSL

REGISTERED PROFESSIONAL ENGINEER
STATE OF NEW MEXICO
NO. 3977
R. GORDON

REVISIONS	
NO.	DATE
1	11-95
2	11-95
3	11-95

SCANNED BY
BY LASON



SEWER SERVICE LOCATIONS

LOT	STATION	MAX. INV. ELEV. AT PL
1-IP	10+86	50.0
2-IP	10+41	50.3
3-IP	10+22	51.6
4-IP	9+71	52.9
5-IP	9+52	54.3
6-IP	9+07	55.2
7-IP	0+23	54.0
8-IP	0+60	54.0
9-IP	0+77	55.1
10-IP	1+20	55.4
4-IP	10+07	51.6
3-IP	10+57	50.3

GILLINGHAM RD.

11-IP	8+50	55.3
12-IP	8+16	55.2
13-IP	7+98	55.5
14-IP	7+48	55.3
15-IP	7+27	55.0
16-IP	6+79	54.9
17-IP	6+67	54.0
18-IP	6+27	54.4
19-IP	6+11	54.4
5-IP	8+30	55.4
6-IP	7+84	55.6
7-IP	7+67	55.3
8-IP	7+17	55.1
9-IP	5+74	54.8
10-IP	4+89	51.5

ELLIOTT RD.

20-IP	5+87	54.1
21-IP	5+77	54.1
22-IP	5+34	53.8
23-IP	5+20	52.5
24-IP	4+71	51.9
25-IP	4+49	51.2
26-IP	4+10	50.5
27-IP	3+85	49.9
28-IP	3+38	49.3
29-IP	3+22	48.6
30-IP	2+75	48.0
31-IP	2+58	48.4
32-IP	2+20	46.2

ELLIOTT CT.

1-IP	MH-2	48.4
2-IP	MH-2	48.4
11-IP	0+57	46.6
12-IP	1+06	47.1
13-IP	1+43	47.5
14-IP	2+02	48.1
15-IP	2+12	48.2
16-IP	MH-2	48.4
17-IP	MH-2	48.4
18-IP	MH-2	48.4
19-IP	2+30	48.3
20-IP	1+76	47.8
21-IP	1+65	47.7
22-IP	1+09	47.1
23-IP	1+00	47.0
24-IP	0+47	46.5

AS BUILT INFORMATION

CONTRACTOR	DATE	BY	REVISIONS
WORK	DATE	BY	REVISIONS
STAKED BY	DATE	BY	REVISIONS
ACCEPTANCE BY	DATE	BY	REVISIONS
FIELD INFORMATION	DATE	BY	REVISIONS
DRAWINGS	DATE	BY	REVISIONS
CORRECTED BY	DATE	BY	REVISIONS
RECORDED BY	DATE	BY	REVISIONS
NO.	DATE	BY	REVISIONS

BENCH MARKS

ACS ALUMINUM CAP "5-LB" AT N.E. CORNER OF CENTRAL AVE. AND 110 TH. ST. S.W. ELEVATION = 5301.89 MSL.

ENGINEER'S SEAL

REMOVE AND REPLACE EXISTING RESIDENTIAL STREET PAVEMENT AS REQUIRED.

NOTES

- SEE SHT 4 OF 9 FOR METER BOX DETAIL
- SEE SHT 8 OF 9 FOR WATER VALVE SHUT-OFF PLAN

REVISIONS

NO.	DATE	REMARKS	BY
DESIGNED	DATE	REVISIONS	BY
DRAWN	DATE	REVISIONS	BY
CHECKED	DATE	REVISIONS	BY

ENGINEER'S SEAL

STATE OF NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
No. 5971
J. R. GORDON

GORDAN AND ASSOCIATES CONSULTING ENGINEERS

1300 LUISA, SUITE 21
SANTA FE, NEW MEXICO
(505) 962-2587 FAX (505) 962-3808

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP

RINCONADA, UNIT IV

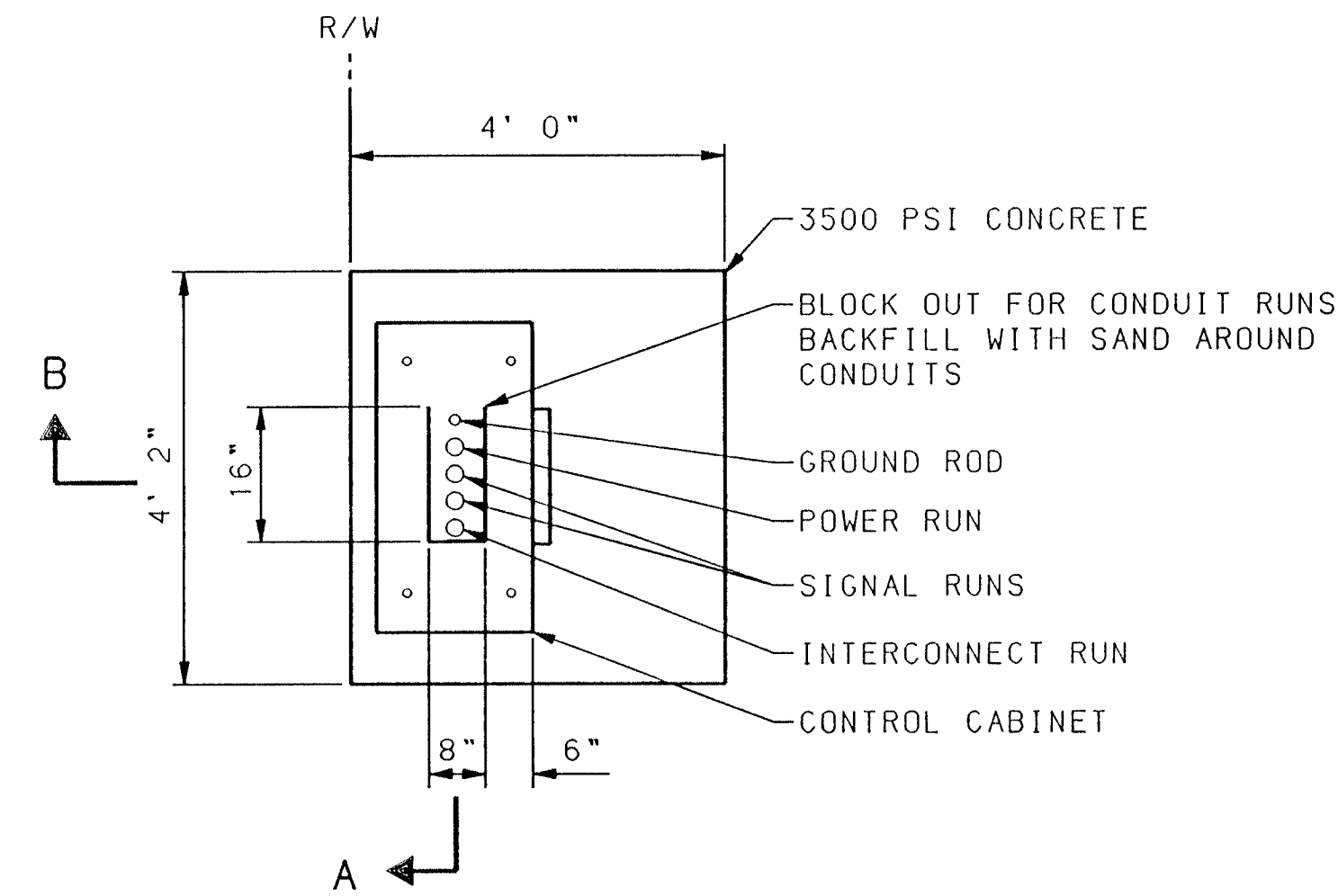
ELLIOTT RD., ELLIOTT CT., GILLINGHAM RD., MINGE RD. SEWER AND WATER PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIR	J. R. Gordon	3-11-96	WATER	J. R. Gordon	3-11-96
TRANS. DEV.	NA	3-14-96	WASTEWATER	NA	3-14-96
HYDROLOGY	SCOTT D. BAYSON	3-6-96	CONST. COORD.	NA	3-6-96

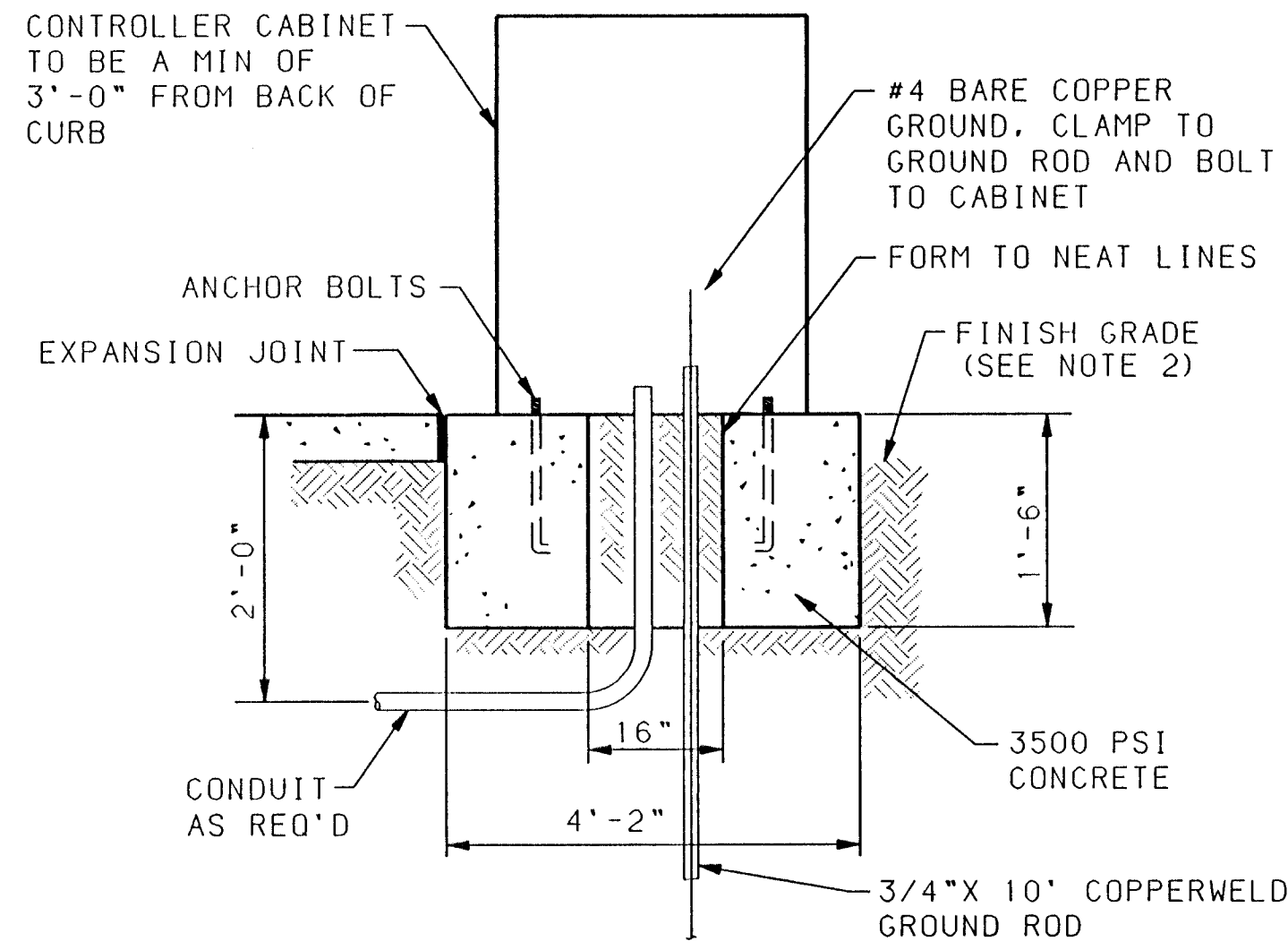
DRAWING NO. 4933.93

MAP NO. G-10

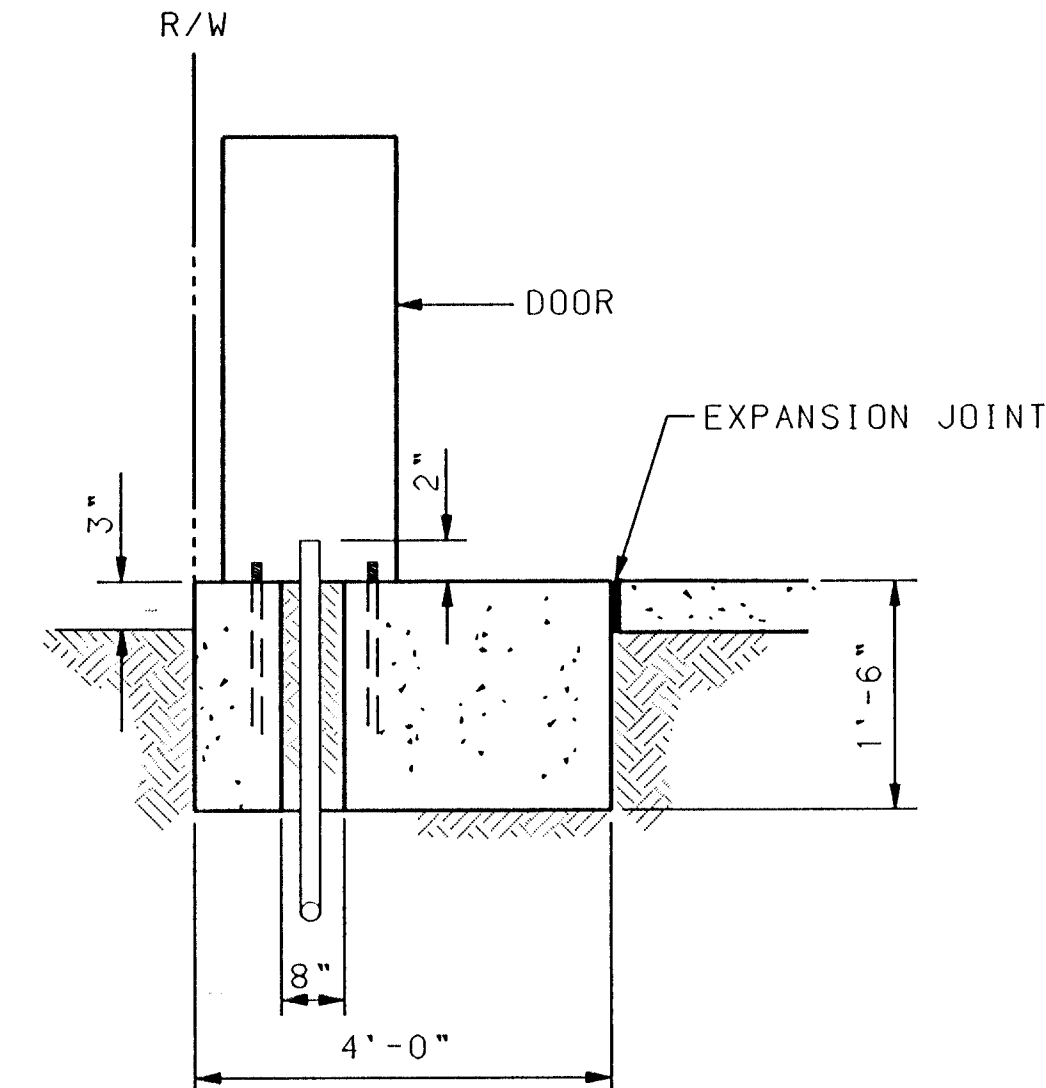
SHEET 10 OF 13



PLAN



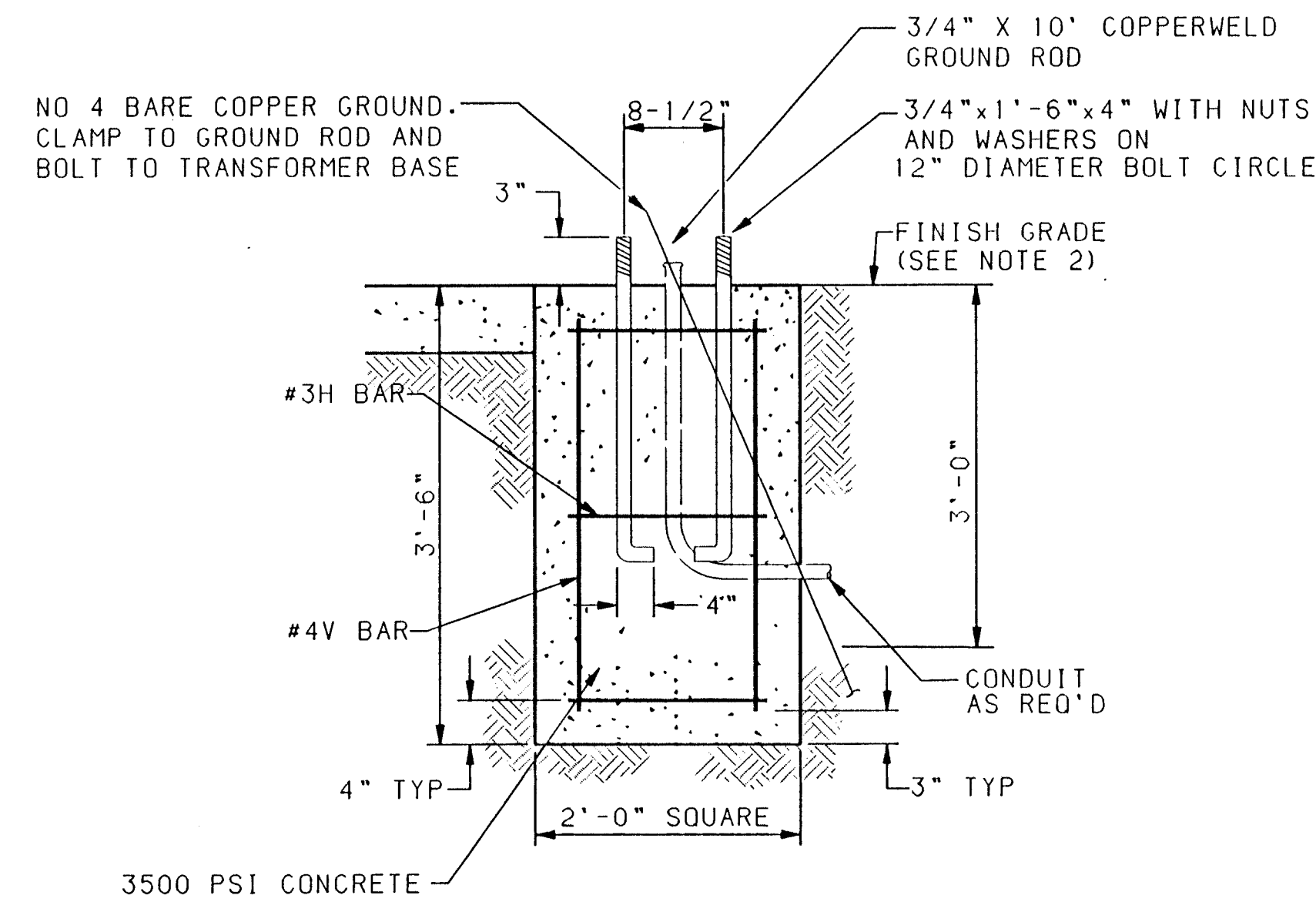
SECTION A



SECTION B

CONTROLLER FOUNDATION DETAIL

IN THE EVENT THE SUPPLIED CABINET WOULD OVERLAP THE SIDES OF ABOVE FOUNDATION. THE FOUNDATION SHALL BE INCREASED IN SIZE AS DIRECTED BY THE ENGINEER.

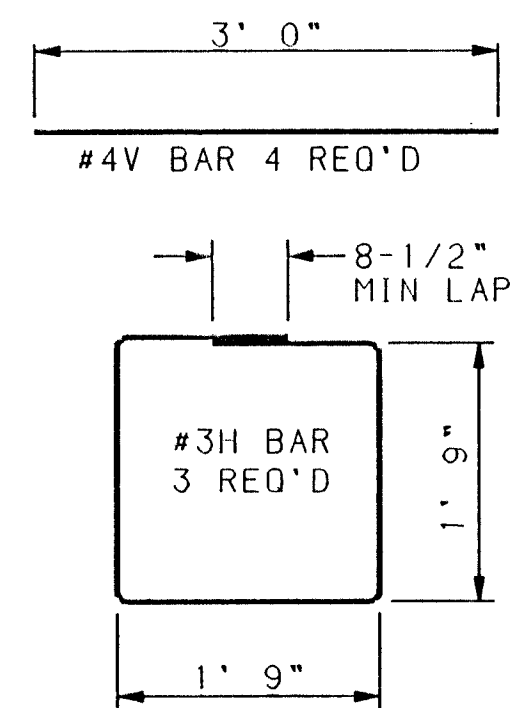


PEDESTAL FOUNDATION DETAIL

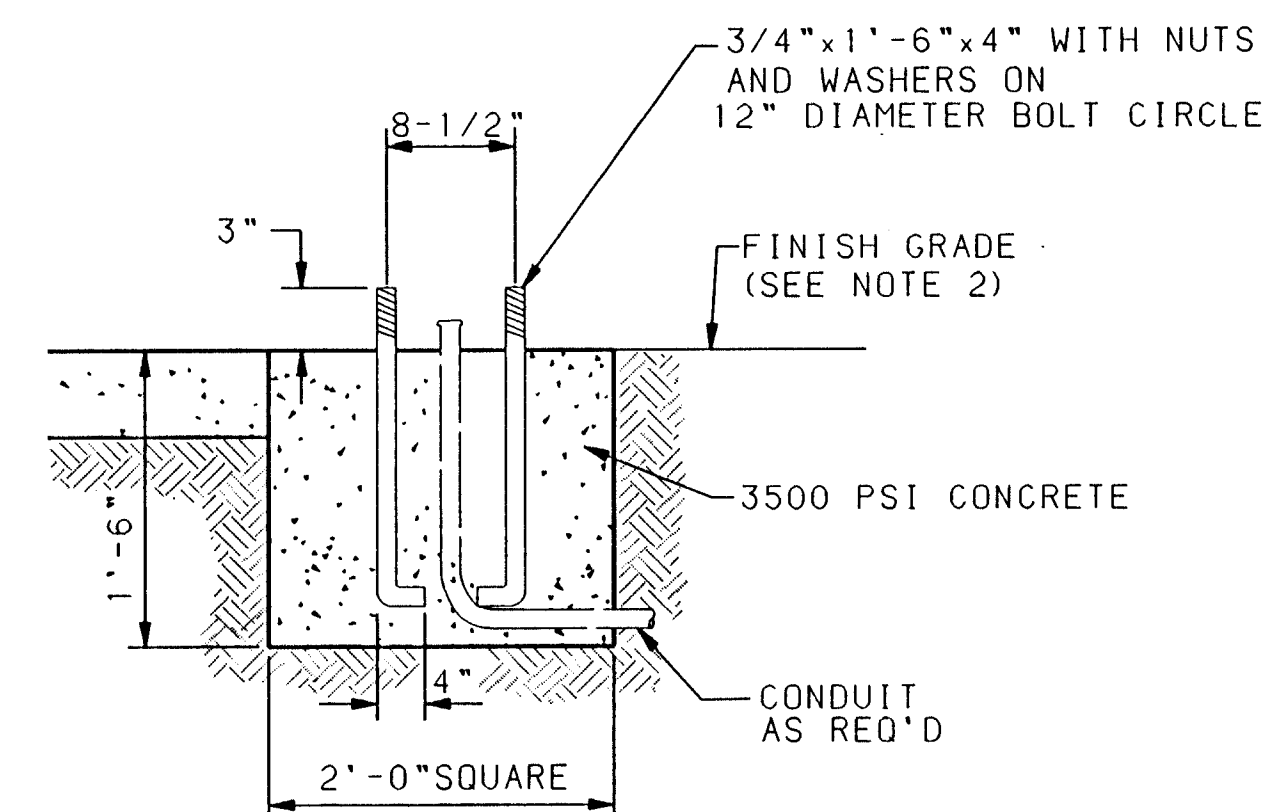
ESTIMATED QUANTITIES

FOUNDATION TYPE	3500 PSI CONCRETE CU YD	REINFORCING BARS POUNDS
PEDESTAL FOUNDATION	0.52	17
CONTROLLER FOUNDATION (TYPE M & P)	0.88	--
SPLICE CABINET FOUNDATION	0.13	--

(FOR CONTRACTORS INFORMATION ONLY)



REINFORCING STEEL



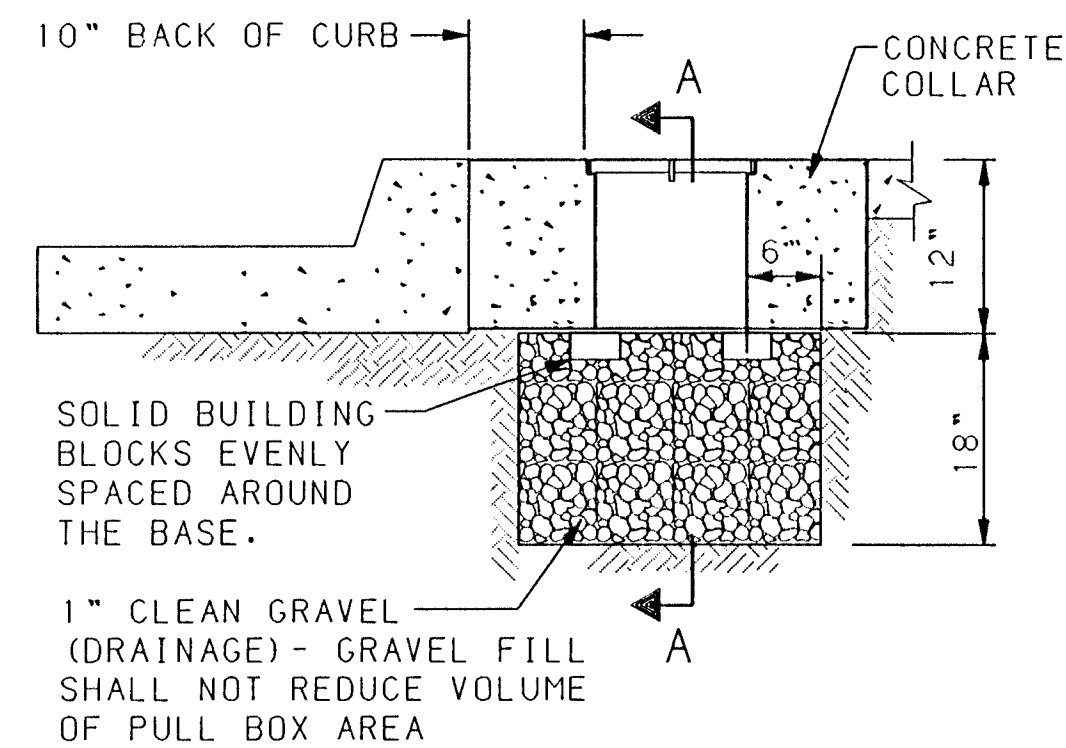
SPLICE CABINET FOUNDATION DETAIL

TRAFFIC SIGNAL FOUNDATION NOTES

- ALL FOUNDATIONS SHALL INCLUDE COPPERWELD GROUND RODS. ALL GROUND RODS SHALL BE 3/4" Φ x 10'-0" AND WILL BE CONSIDERED INCIDENTAL TO THE FOUNDATION BID ITEMS.
- FINISHED GRADE FOR ALL FOUNDATIONS TO BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. FOUNDATIONS MAY BE SLOPED TO MATCH SIDEWALKS. SLOPES SHALL CONFORM TO THE AMERICANS WITH DISABILITIES ACT REQUIREMENTS.

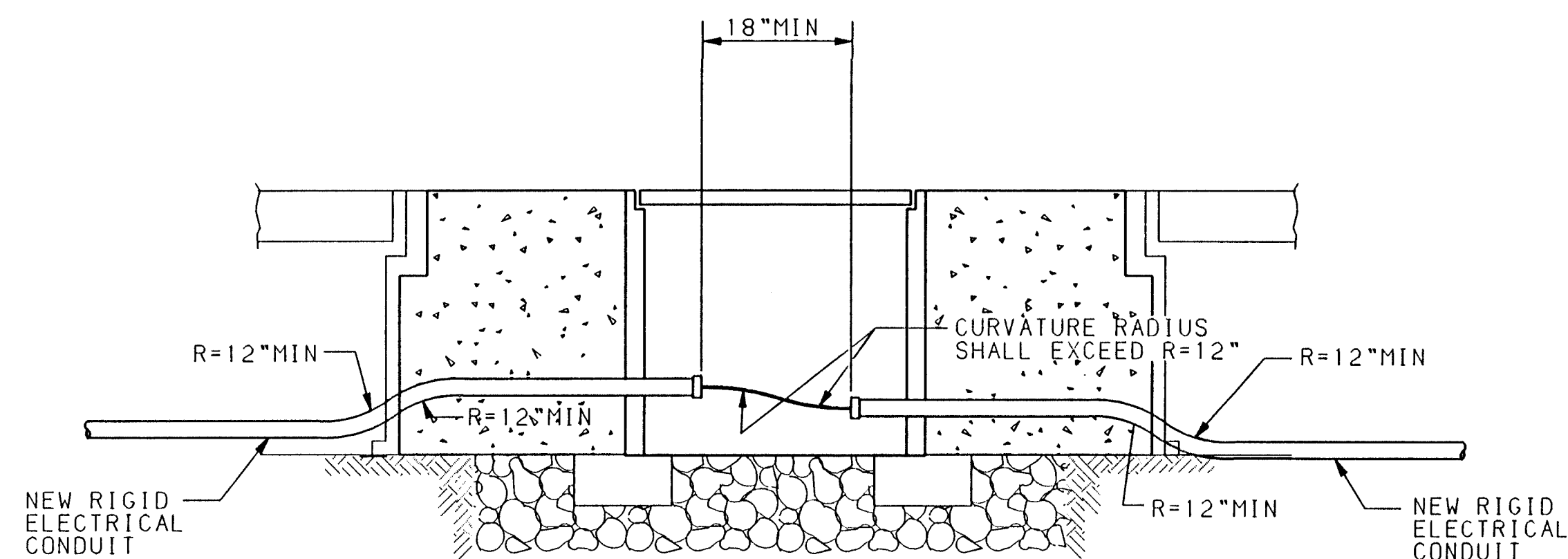
SCANNED BY
B. LASON

CITY OF ALBUQUERQUE PUBLIC WORKS ENGINEERING		TITLE: TRAFFIC SIGNAL CONTROLLER CABINET & PEDESTAL FOUNDATION DETAILS	
APPROVALS	ENGINEER	DATE	APPROVALS
ORC CHAIRMAN	3/10/96	1-10-96	WATER
TRANSPORTATION	3-14-96	3-14-96	WASTE WATER
HYDROLOGY	N/A	3-6-96	TRAF. OPER.
DRAWING NO.	4933.93	MAP NO.	8-10
SHEET 11 OF 13		TS-15A	



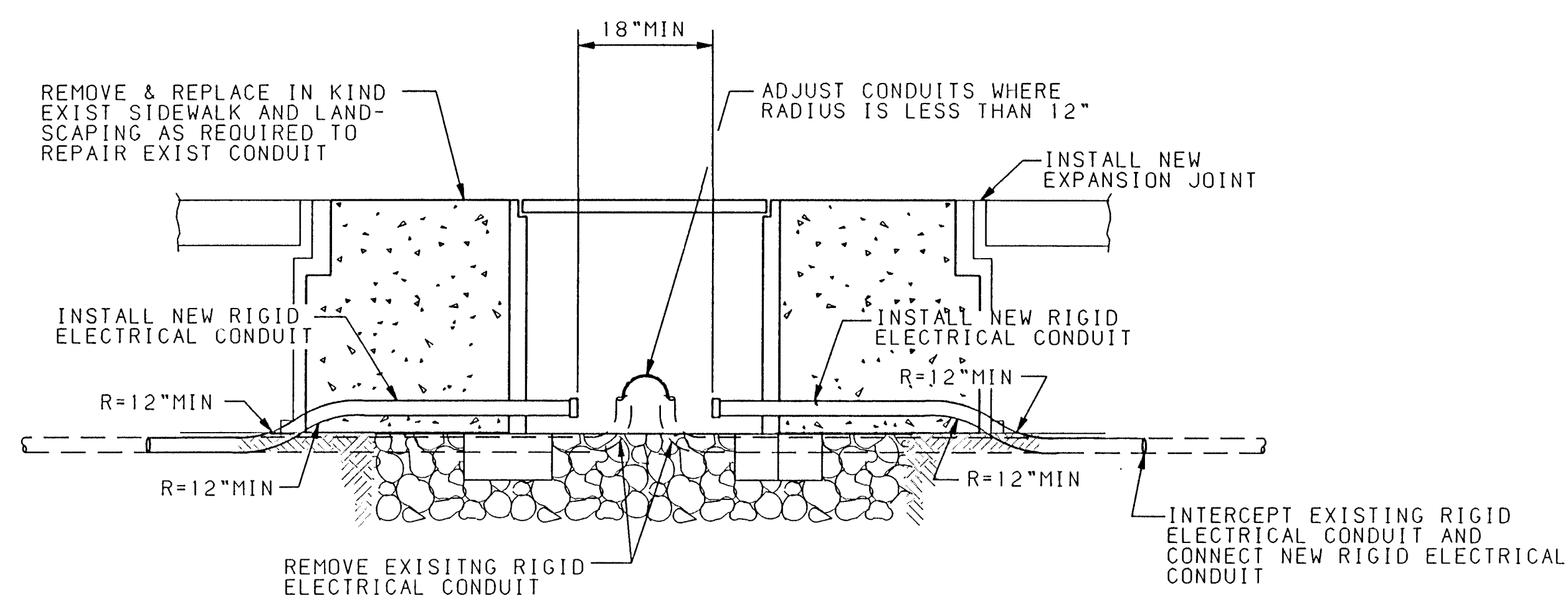
TYPICAL PULLBOX INSTALLATION

NOTE: SEE "CONCRETE COLLAR DETAILS"

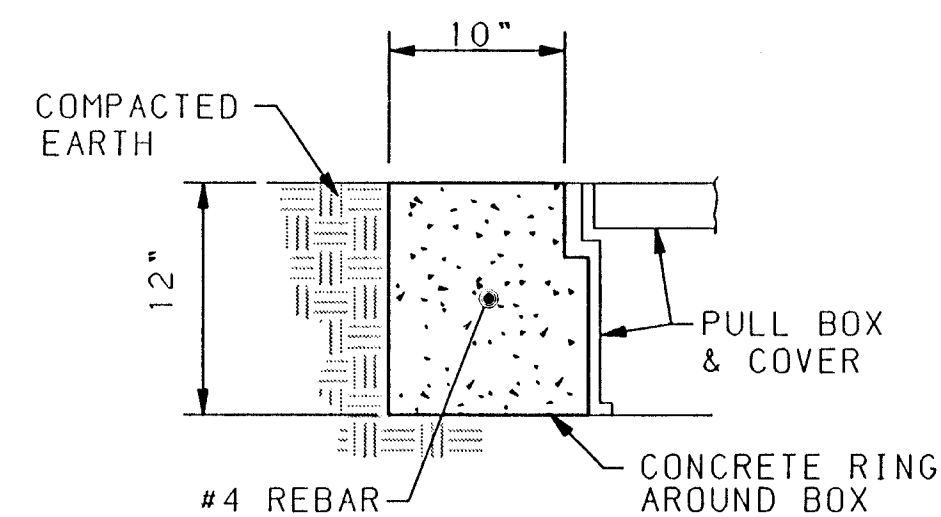


SECTION A-A

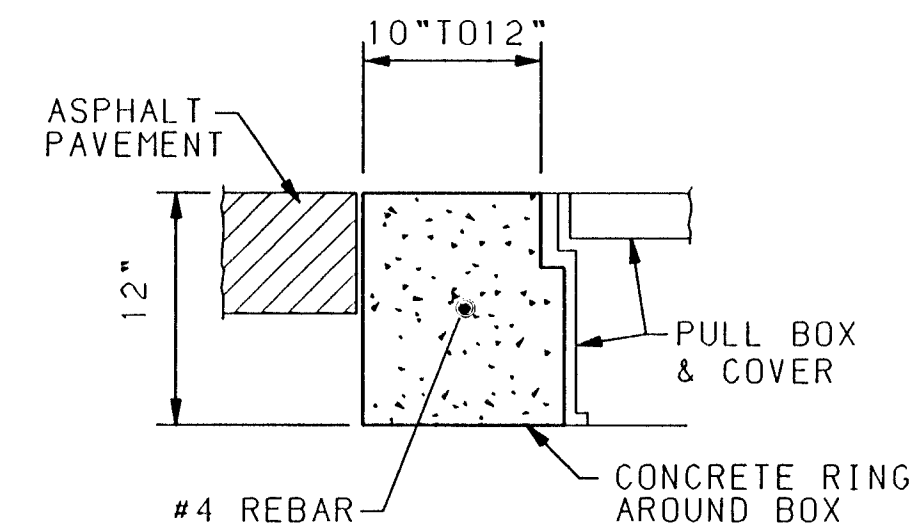
TRAFFIC SIGNAL PULLBOX (TYPICAL) NEW CONDUIT INSTALLATION



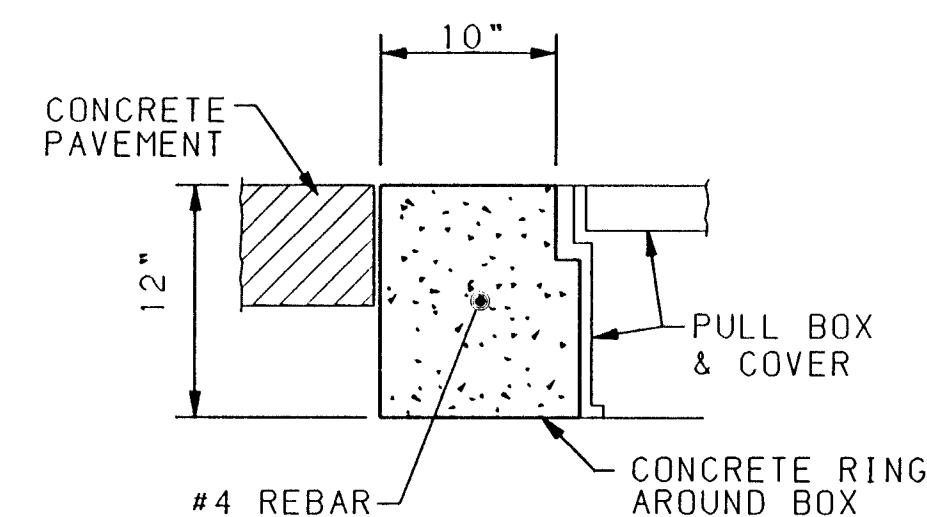
TRAFFIC SIGNAL PULLBOX (TYPICAL) RETROFIT INSTALLATION



IN COMPACTED EARTH



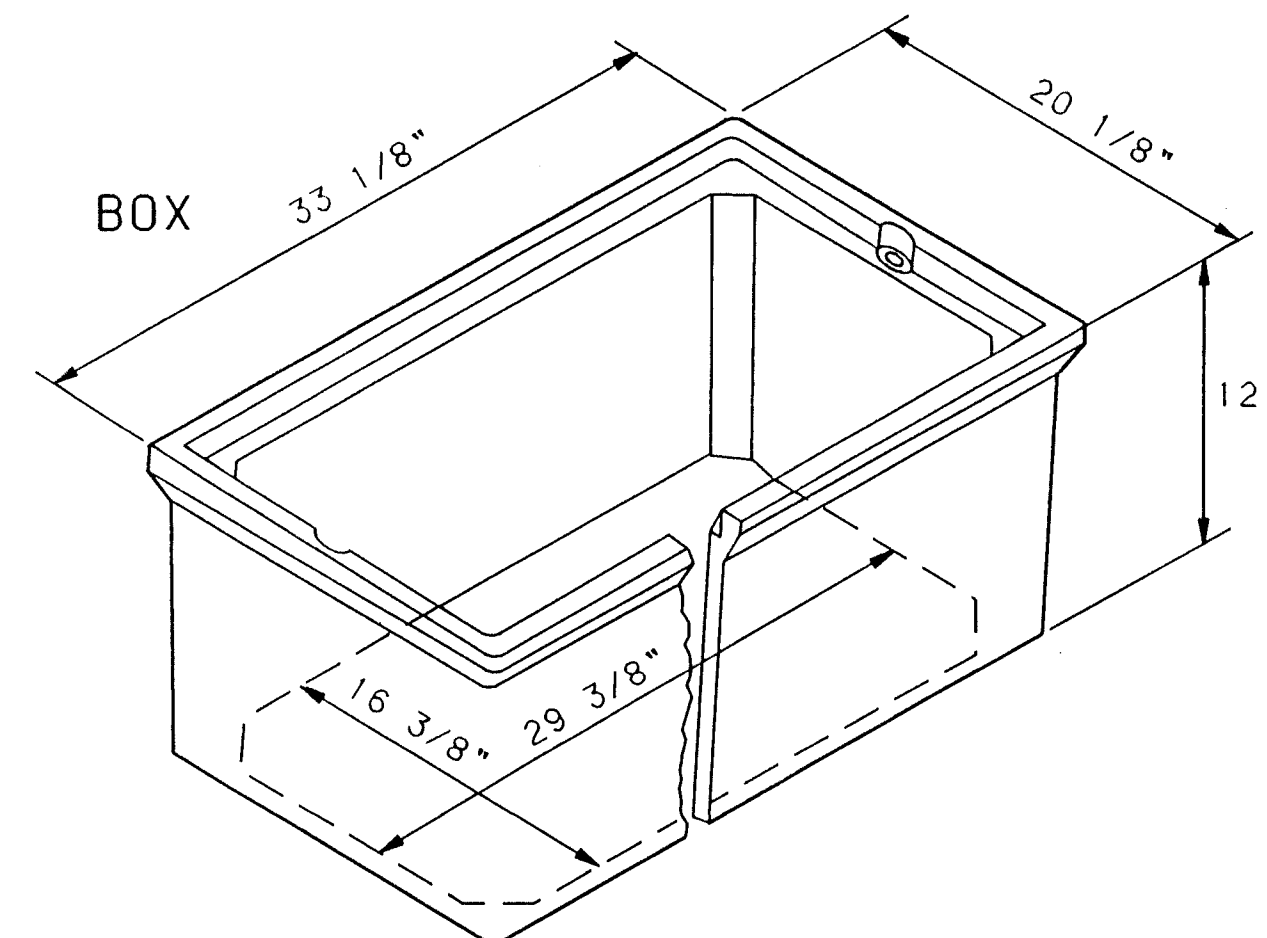
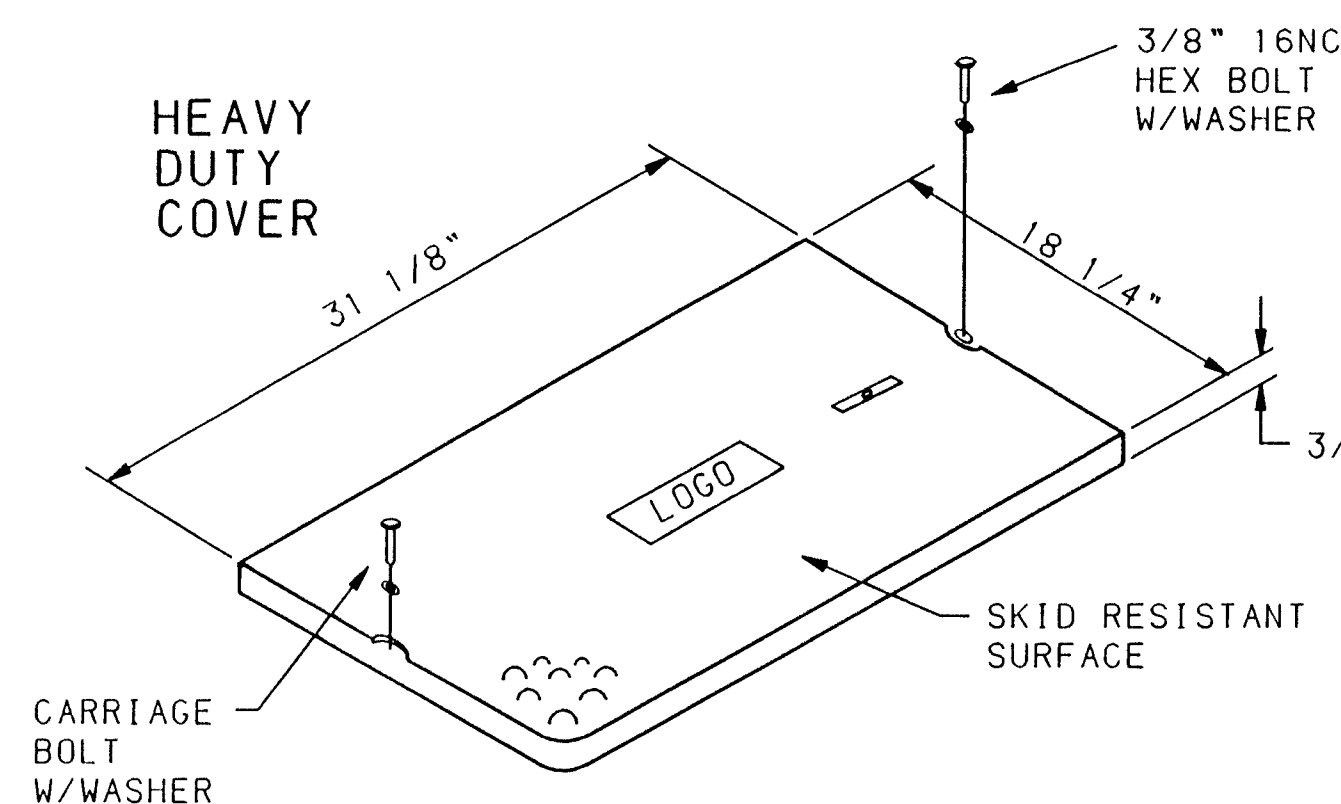
IN ASPHALT PAVEMENTS



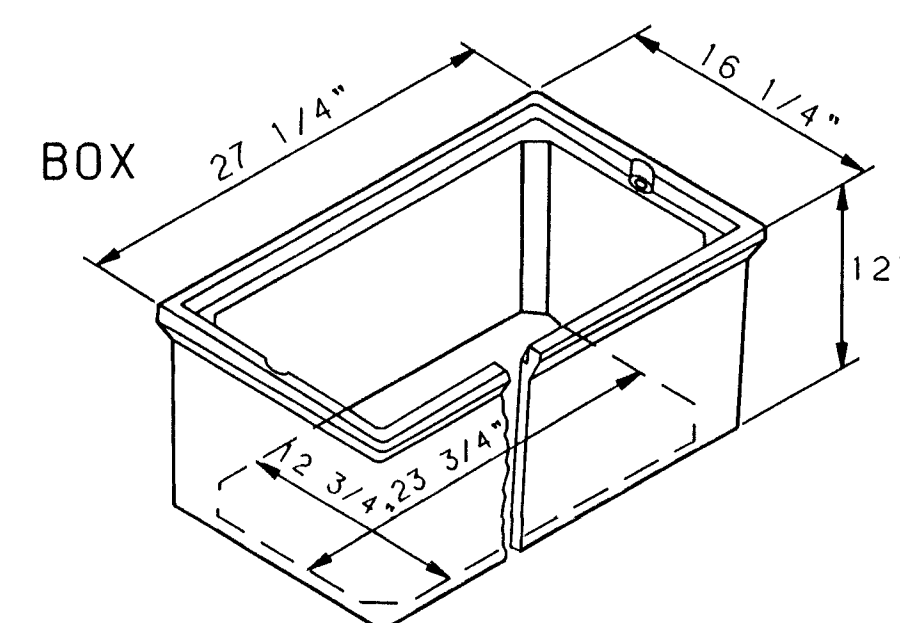
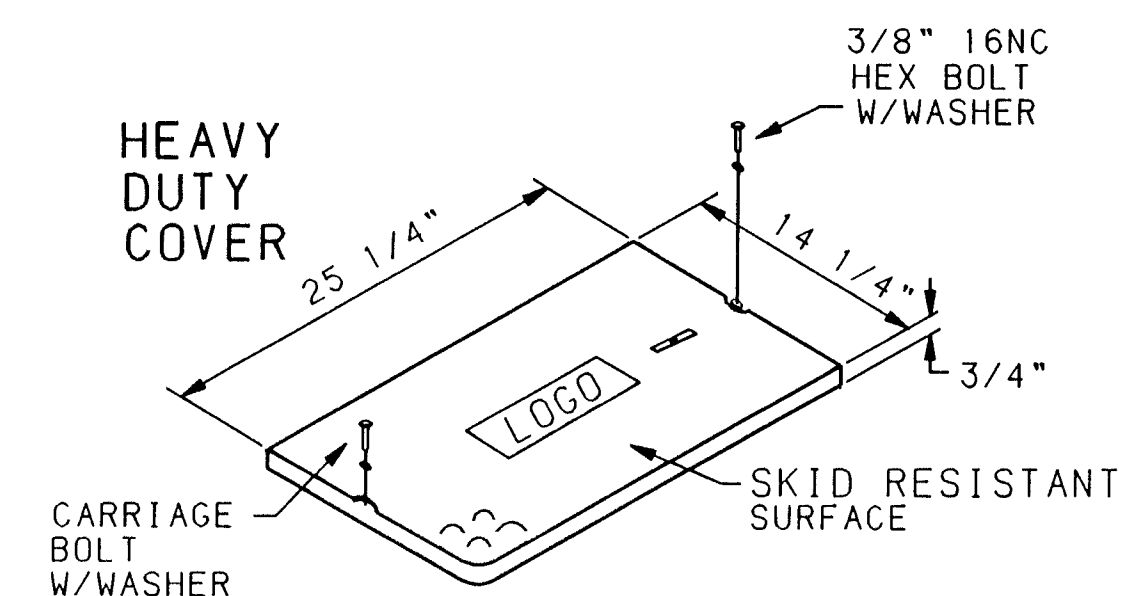
IN CONCRETE PAVEMENTS

CONCRETE COLLAR DETAILS

NOTE: THE CONCRETE COLLAR FOR THE PULL BOXES WILL BE CONSIDERED INCIDENTAL TO THE TO THE PULL BOX BID ITEMS.



LARGE PULL BOX



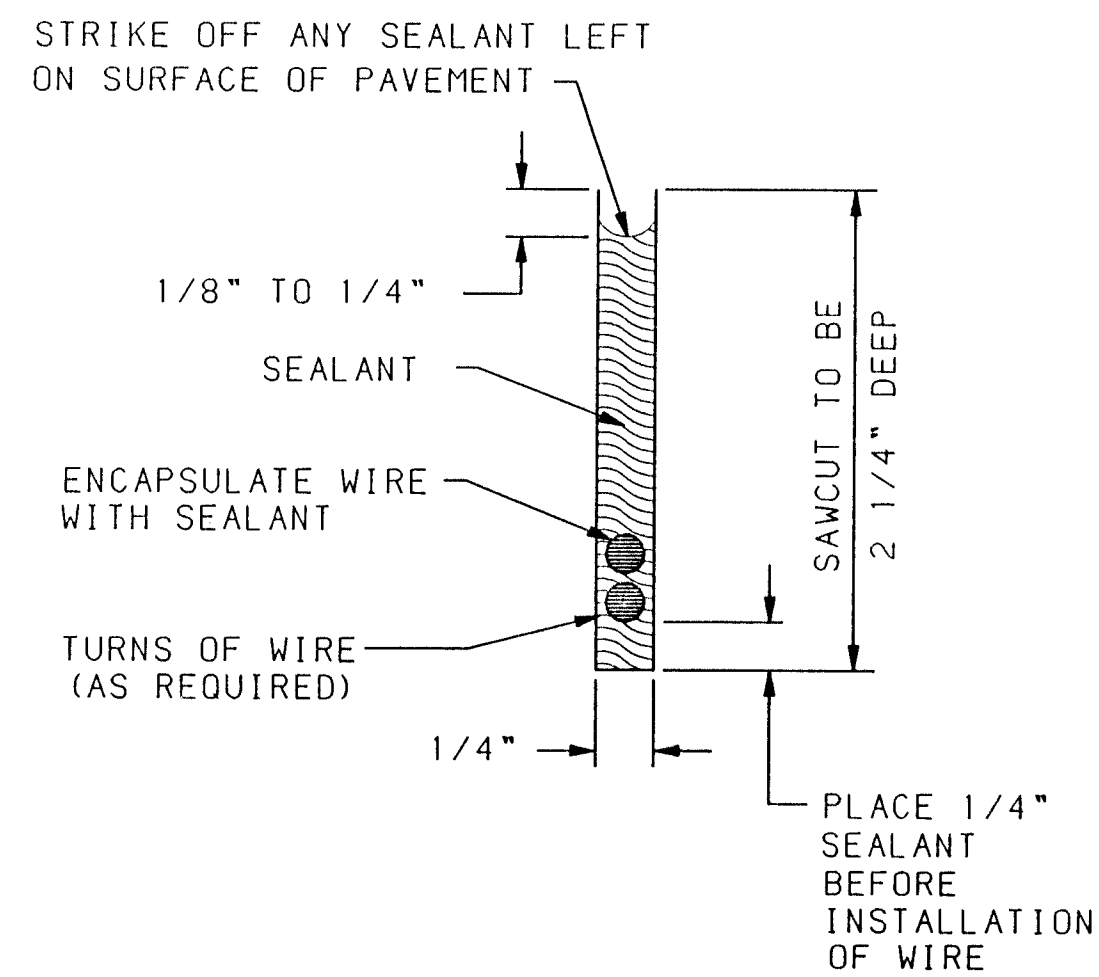
STANDARD PULL BOX

PULL BOX DETAILS

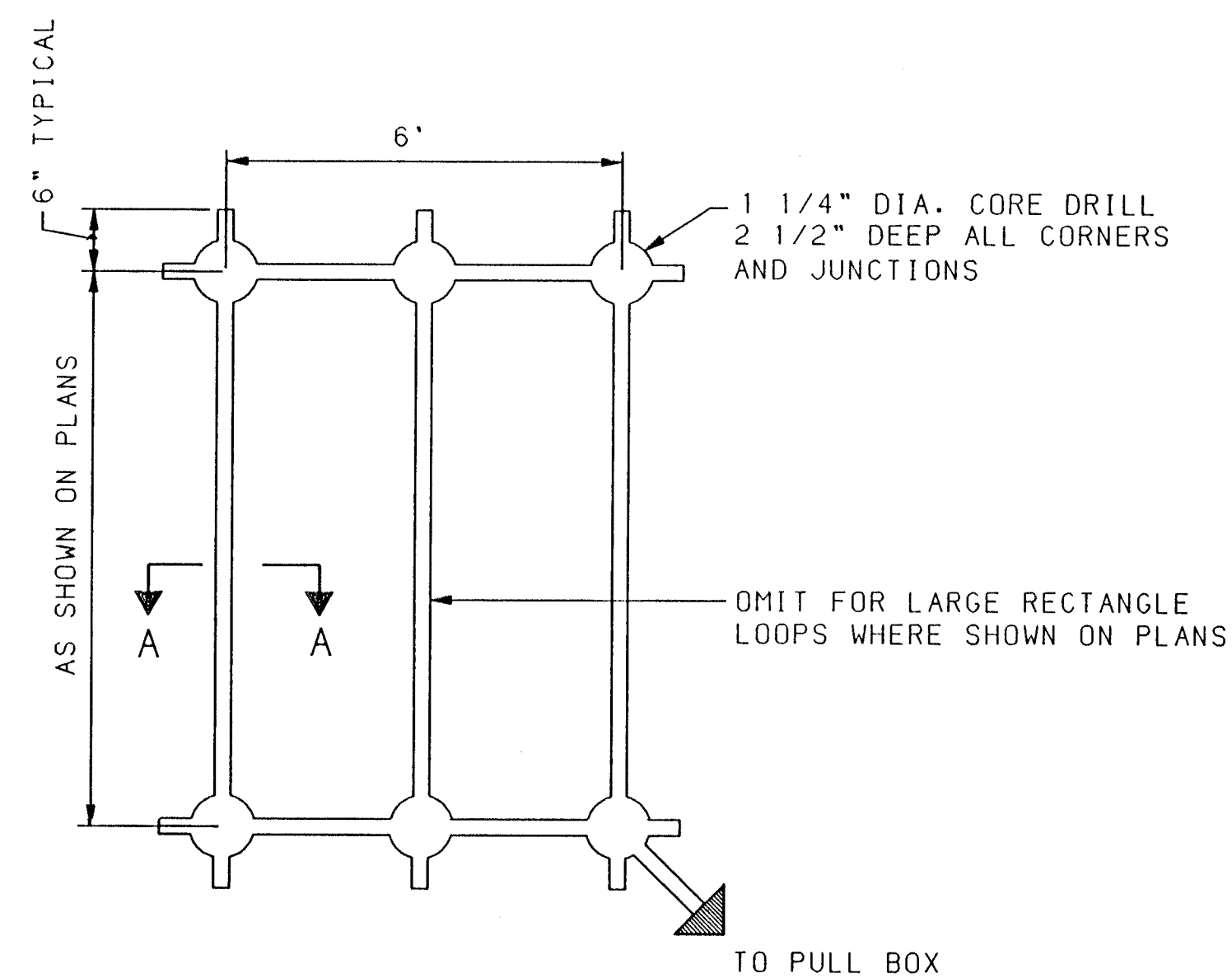
NOTES FOR HEAVY DUTY REINFORCED POLYMER MORTAR PULL BOXES AND COVERS

1. MATERIAL TO BE AN AGGREGATE CONSISTING OF SAND AND GRAVEL BOUND TOGETHER WITH A POLYMER AND REINFORCED WITH A HEAVY WEAVE FIBERGLASS. THE MATERIAL MUST HAVE THE FOLLOWING MECHANICAL PROPERTIES: COMPRESSIVE STRENGTH-11,000 PSI, TENSILE STRENGTH-1700 PSI, FLEXURAL STRENGTH-7500 PSI.
2. ALL PULL BOX COVERS SHALL BE HEAVY DUTY REINFORCED POLYMER MORTAR, HAVING A SERVICE LOAD OF 15,000 LBS. OVER A 10" SQUARE (150 PSI). NO CONCRETE OR STEEL COVERS WILL BE ACCEPTABLE.
3. ELECTRICAL PULL BOX (SMALL) SHALL BE A HEAVY DUTY REINFORCED POLYMER MORTAR PULL BOX AND COVER MEASURING 12-7/8"x12-7/8"x3/4".

CITY OF ALBUQUERQUE PUBLIC WORKS ENGINEERING		TITLE: TRAFFIC SIGNAL PULL BOX DETAILS	
APPROVALS	ENGINEER	DATE	APPROVALS
DRG CHAIRMAN	<i>[Signature]</i>	1-11-96	WATER
TRANSPORTATION	<i>[Signature]</i>	3-14-96	WASTE WATER
HYDROLOGY	<i>[Signature]</i>	3-6-96	TRAF. OPER.
DRAWING NO. 4933.93		SHEET 12 OF 13	

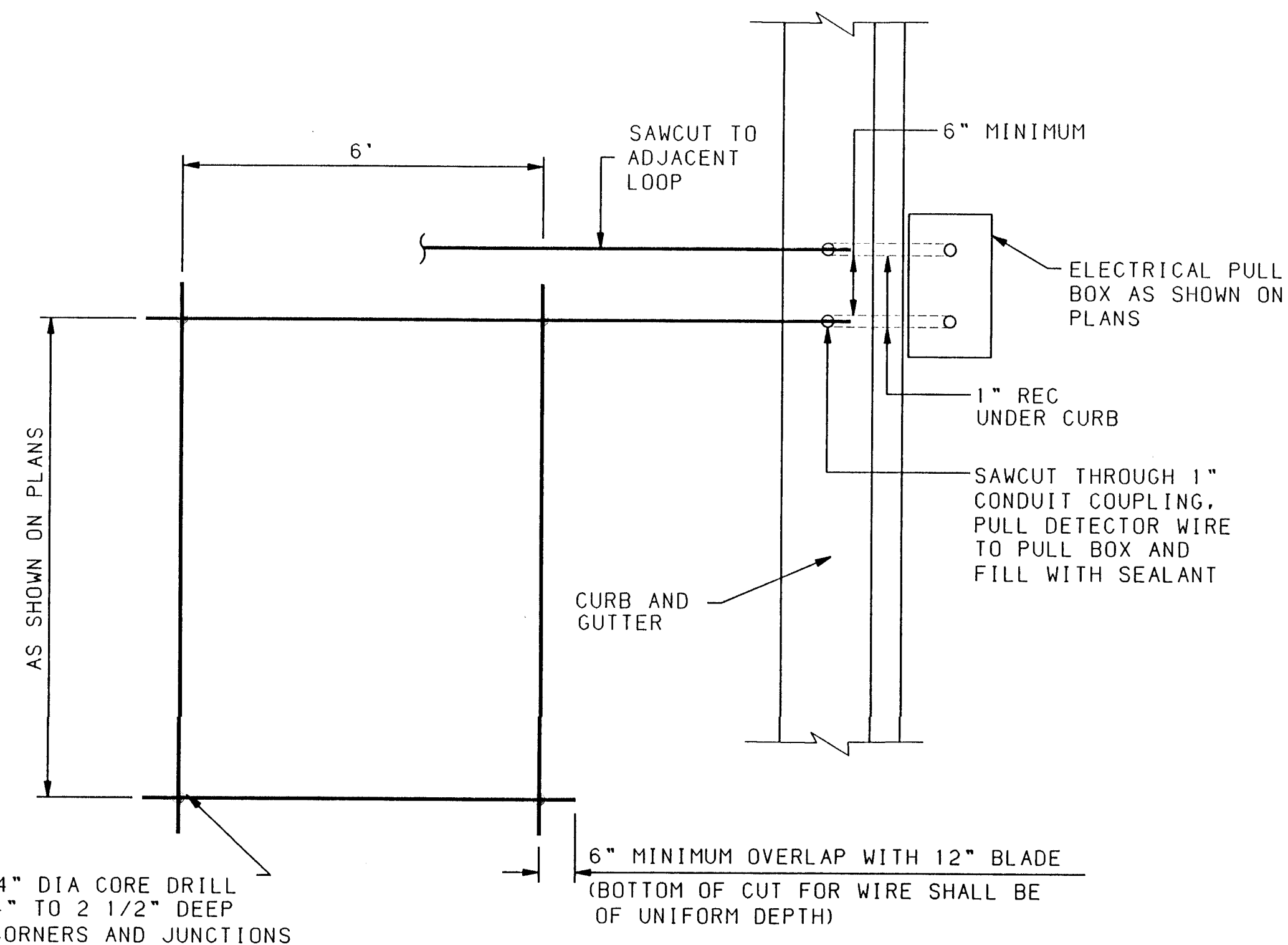


SECTION A-A

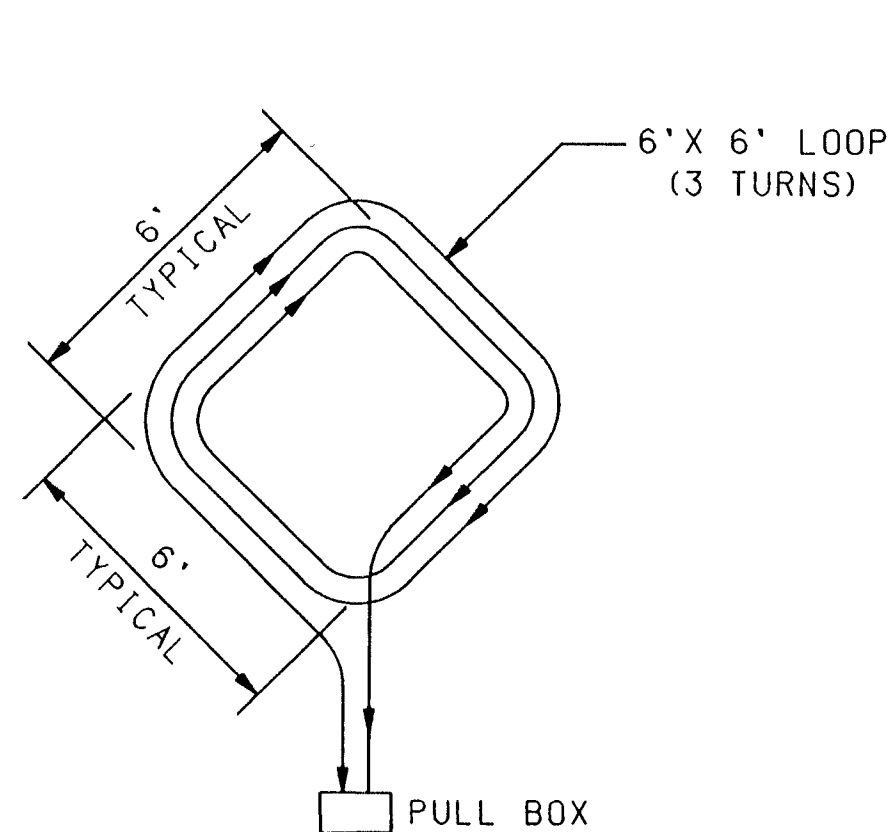


PLAN VIEW

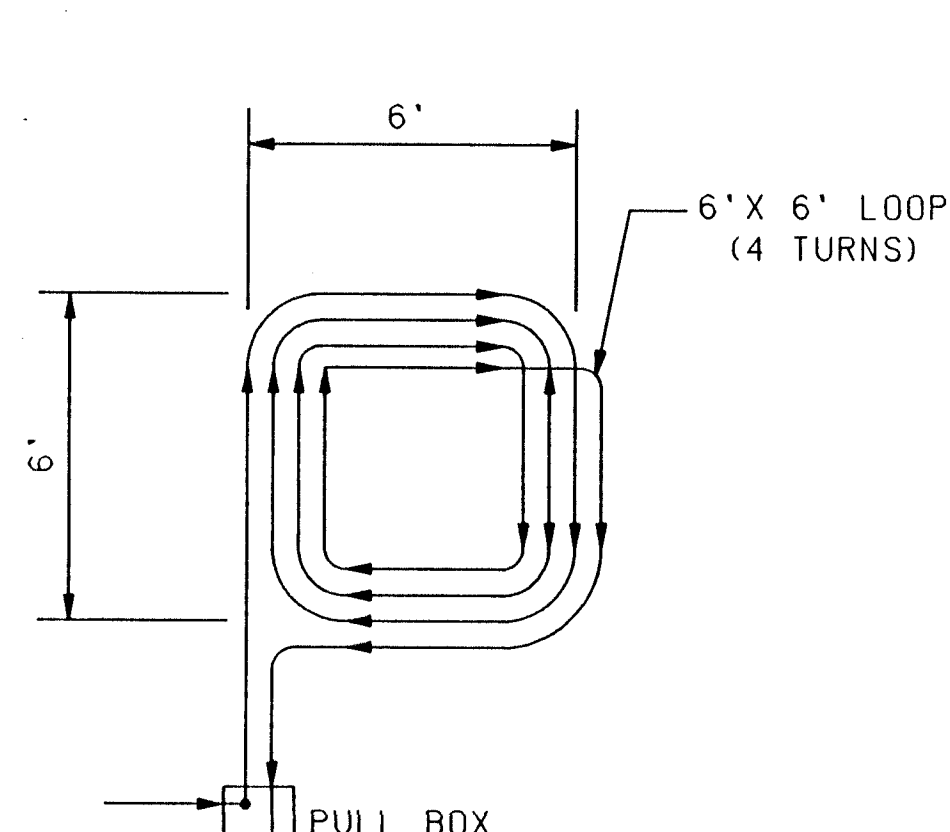
TYPICAL ROADWAY LOOP SAWCUT DETAIL



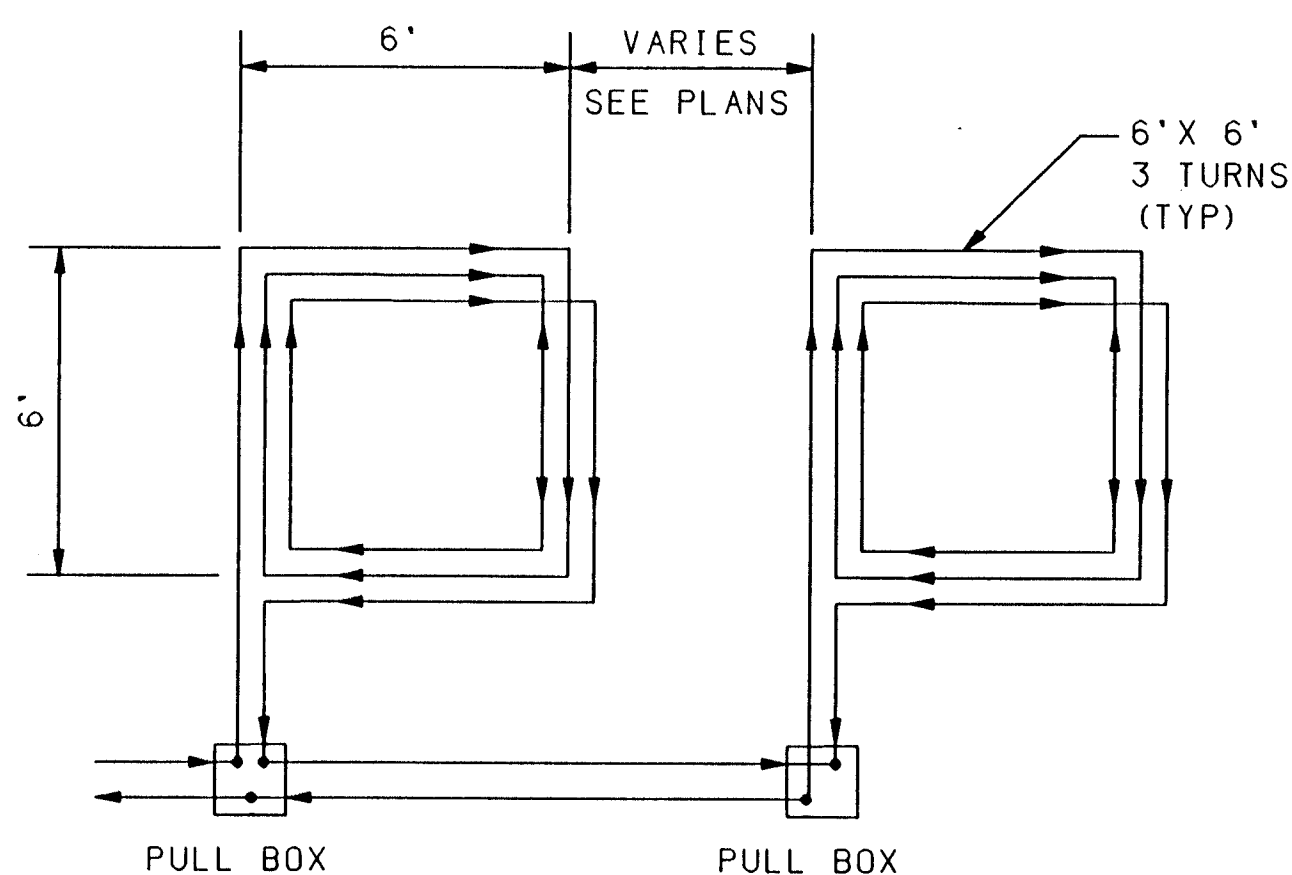
PLAN VIEW



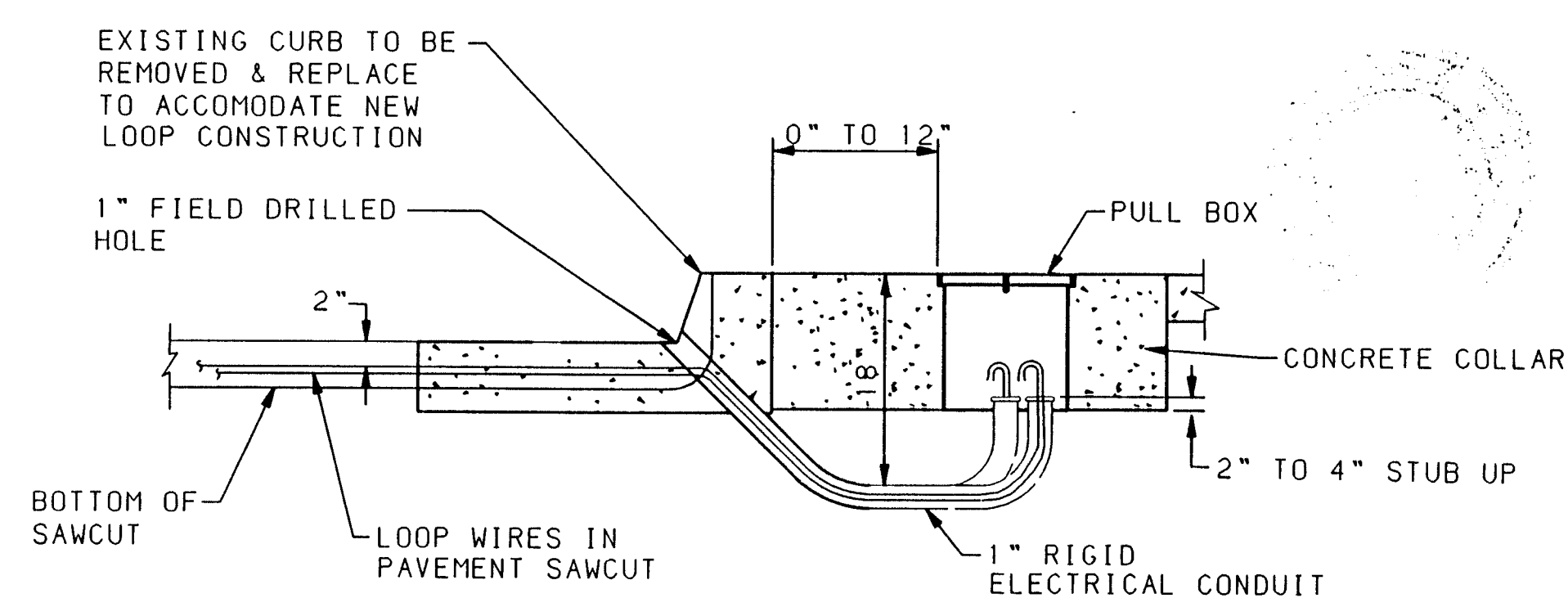
EXTEND CALL LOOP WIRING DETAIL



SYSTEM LOOP WIRING DETAIL

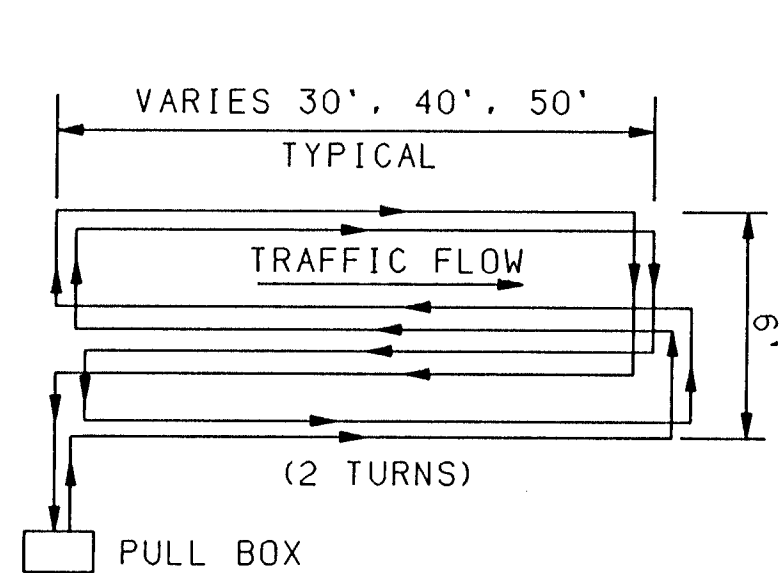


SERIES LOOP WIRING DETAIL

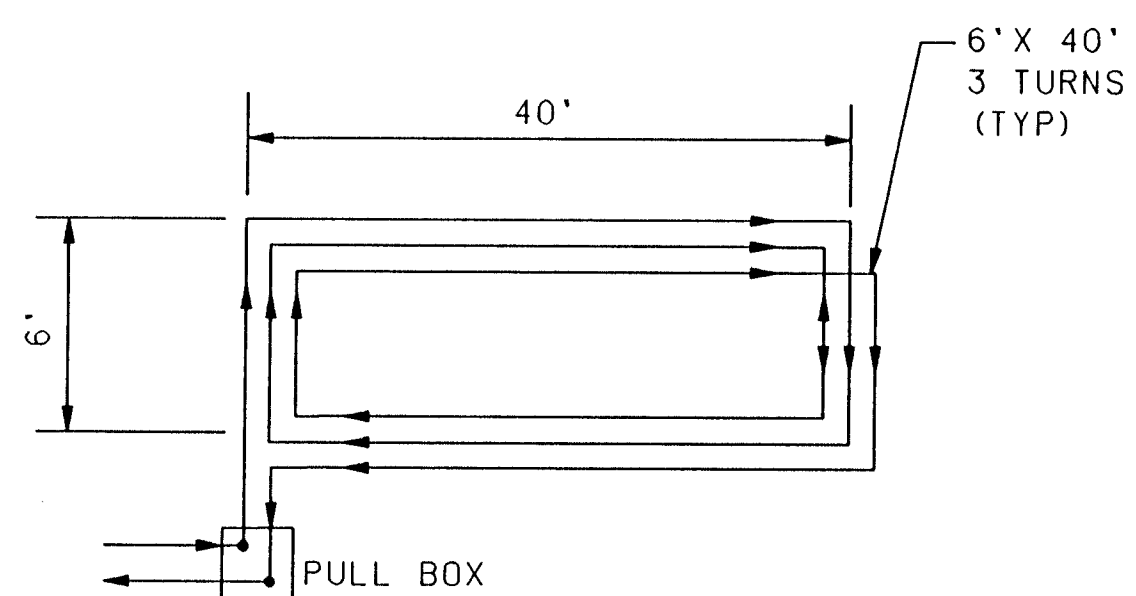


SECTION

LOOP WIRE TERMINATION DETAILS



QUADRUPOLE LOOP WIRING DETAIL



LARGE RECTANGULAR LOOP WIRING DETAIL

NOTES

1. WIRES MUST BE WOUND IN THE DIRECTION SHOWN.
2. QUADRUPOLE LOOPS SHALL HAVE 2 TURNS.
3. EXTEND CALL LOOPS SHALL HAVE 3 TURNS.
4. SYSTEM DETECTOR LOOPS SHALL HAVE 4 TURNS.
5. LARGE RECTANGLE LOOPS SHALL HAVE 3 TURNS.

LOOP DETECTOR NOTES

1. ALL LOOP DETECTOR WIRE SHALL BE NO. 14 AWG STRANDED COPPER WIRE WITH CROSSLINKED POLYETHYLENE INSULATION (INDUSTRY TYPE XHHW) CONFORMING TO THE REQUIREMENTS OF I.M.S.A. SPECIFICATIONS NO 51-3 1984. BACKER ROD SHALL NOT BE USED IN THE INSTALLATION OF LOOP (EXCEPT PIECES LESS THAN 12" WHICH MAY BE PLACED OVER THE WIRE AT THE SAW CUT CORNERS TO HOLD THE WIRE. A 1/4" LAYER OF SEALANT SHALL BE PLACED IN THE SAW CUT BEFORE PLACEMENT OF THE WIRE AND THEN THE WIRE SHALL BE ENCAPSULATED WITH SEALANT. HOT-MELT RUBBERIZED ASPHALT LOOP DETECTOR SEALANT MANUFACTURED BY CRAFCO SHALL BE AN ACCEPTABLE SEALANT ALTERNATE.
2. ALL LOOP LEAD IN CABLES SHALL BE TAGGED AT CABINET TO IDENTIFY EACH CABLE BY LOOP AND AND PHASE NUMBER.
3. GROUND LOOP LEAD IN CABLE SHIELDING IN CONTROL CABINET.
4. SEPARATE 1" RIGID ELECTRICAL CONDUITS ARE REQUIRED FOR EACH PAIR OF DETECTOR WIRES.

CITY OF ALBUQUERQUE PUBLIC WORKS ENGINEERING					
TITLE: TRAFFIC SIGNAL LOOP DETECTOR DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	J. A. B. B. B.	4-10-94	WATER	N/A	
TRANSPORTATION	R. B. B. B.	3-14-94	WASTE WATER		
HYDROLOGY	N/A	3-6-94	TRAF. OPER.		
DRAWING NO. 4933.93		MAP NO. 6-10		SHEET 13 OF 13 TS-17A	