

CONSTRUCTION PLANS

FOR

TRAMWAY HIGHLANDS SUBDIVISION, PHASE I

ROADWAY & UTILITY DESIGN

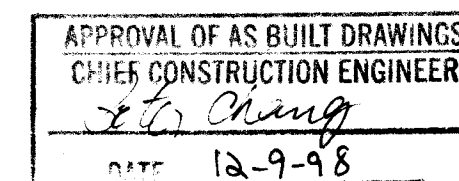
CITY OF ALBUQUERQUE
NEW MEXICO
NOVEMBER 1997

FW

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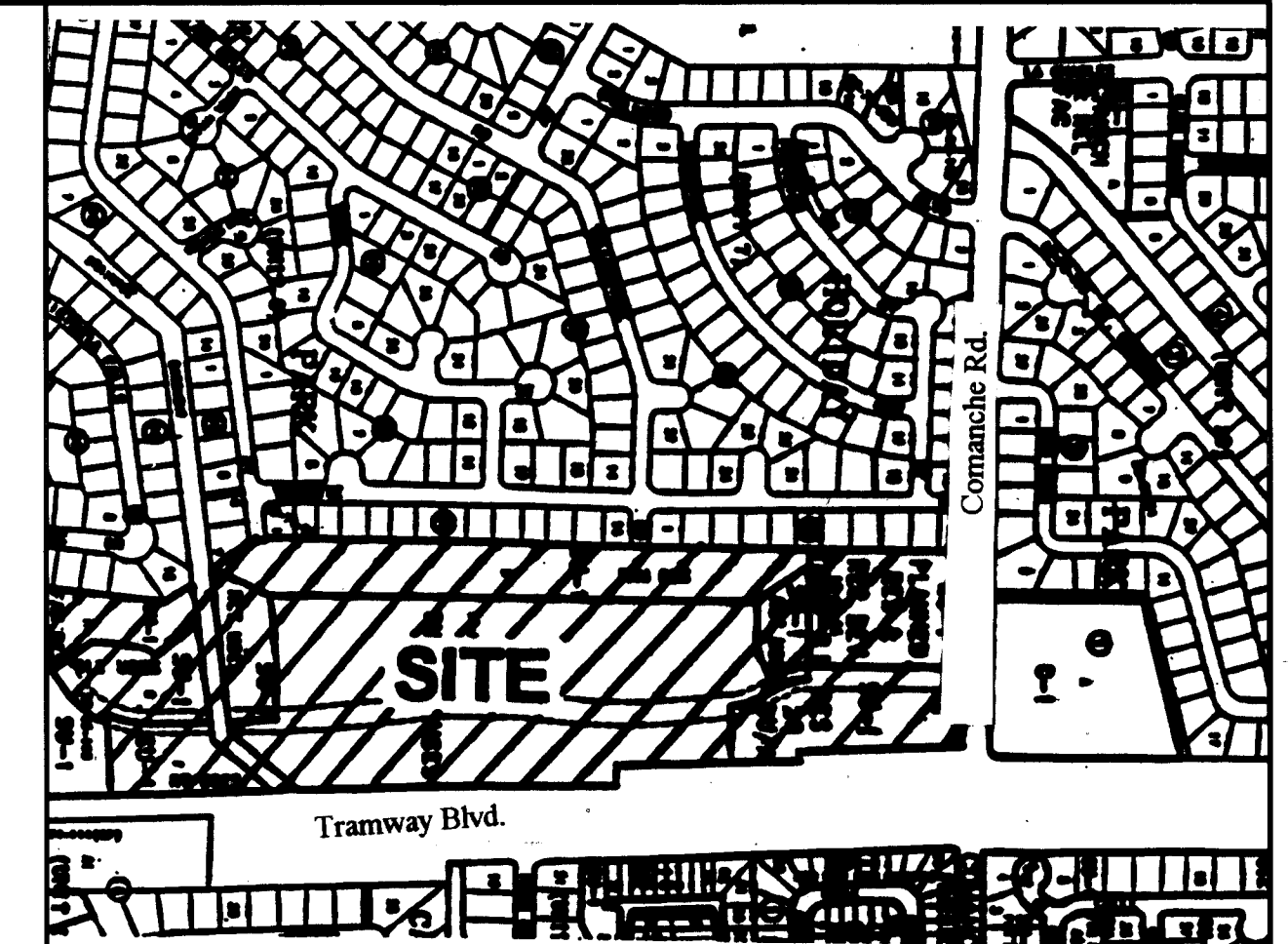
COA INSPECTOR: RON RUTLEDGE

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DRB #97-140

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1/980054/9654TTL.DWG/BDG/11-11-97



VICINITY MAP ZONE ATLAS G-22-Z

SCALE NONE

NOTICE TO CONTRACTORS

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 (UPDATE #6).

2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) FOR LOCATION OF EXISTING UTILITIES.

3. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.

4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATIONS DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.

6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.

7. CONTRACTOR SHALL NOTIFY THE 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 NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF 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 THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THIS PROJECT THAT IS NOT SHOWN ON THE PLAN AND IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT THE DESIGNER'S EXPENSE.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.

☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.

☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.

☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.

☐ IF CURB IS DEPRESSIONED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

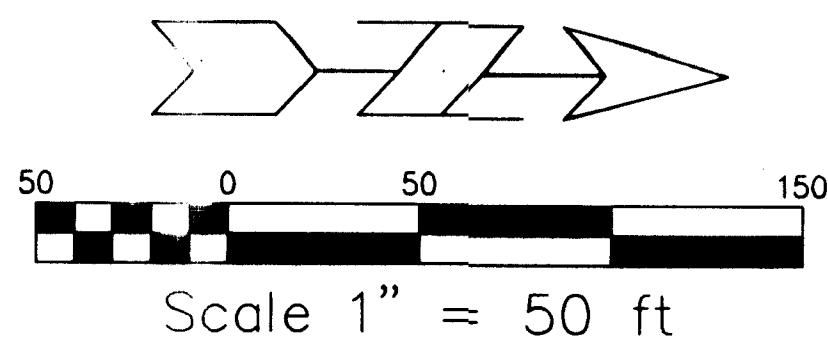
RECORD DRAWING	
DATE: 10/15/98	DRAFTED BY: TIERRA WEST DEV.
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.	

TIERRA WEST, LLC
4421 McLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	APPROVED FOR CONSTRUCTION		
		DRC Chairman	<i>[Signature]</i>	11/2/98	<i>[Signature]</i> 11/2/98 City Engineer Date		
		Transportation	<i>[Signature]</i>	12-2-97			
		Water/Wastewater	<i>[Signature]</i>	12-2-97			
		Hydrology	<i>[Signature]</i>	12-2-97			
		C.I.P.	<i>[Signature]</i>	12-2-97			
		Constr. Mngmt.	<i>[Signature]</i>	12-5-97			
		Constr. Coord.	<i>[Signature]</i>	12-5-97			
CITY PROJECT NO.		SHEET					
578181		1 OF 45					

CLANNED BY
BY LASON

11-18-97

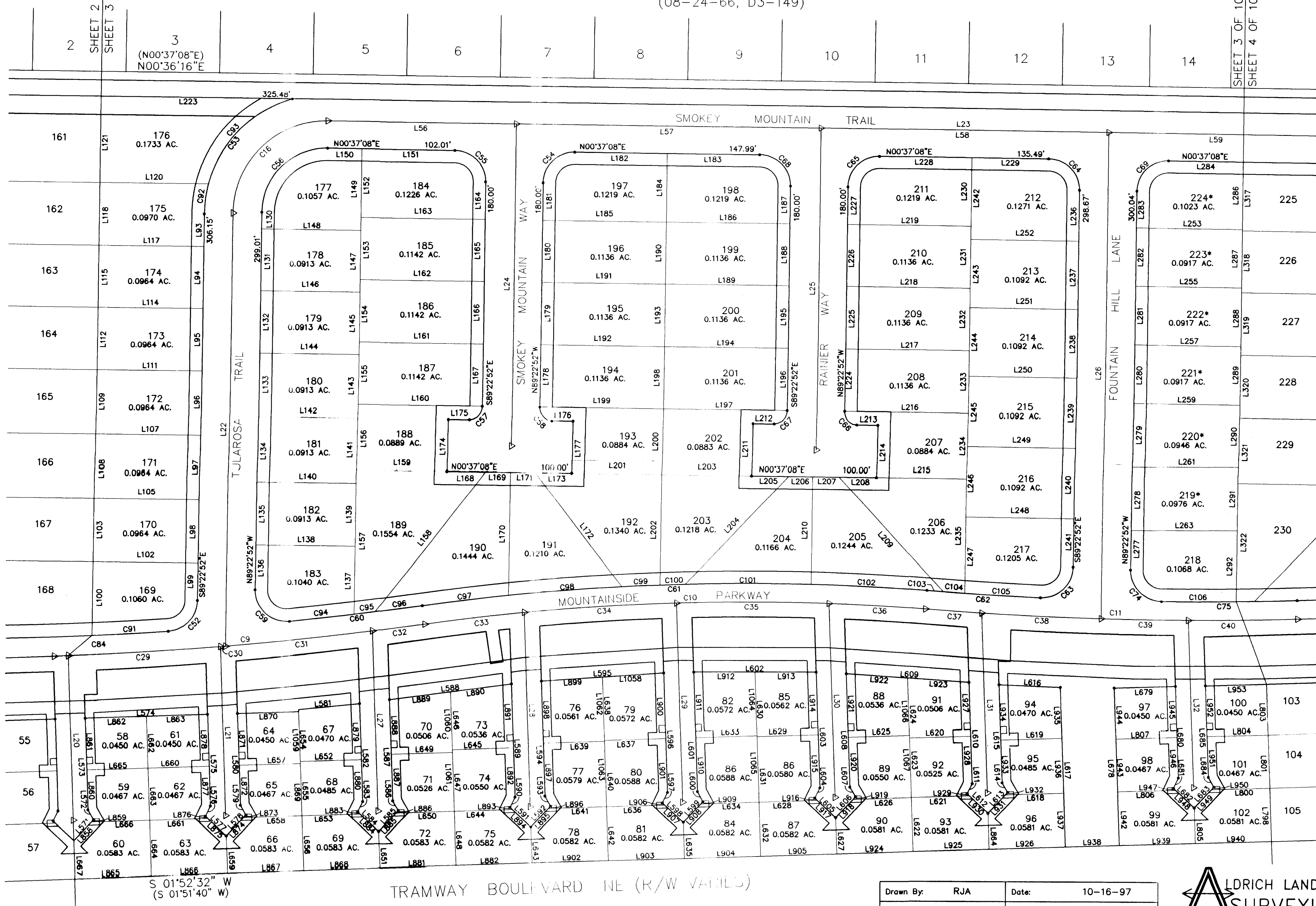


SEE SHEETS 5, 6, 7 & 9
FOR EASEMENT DATA.

SEE SHEET 8 OF 10 AND
SHEET 9 OF 10 FOR LINE
AND CURVE DATA.

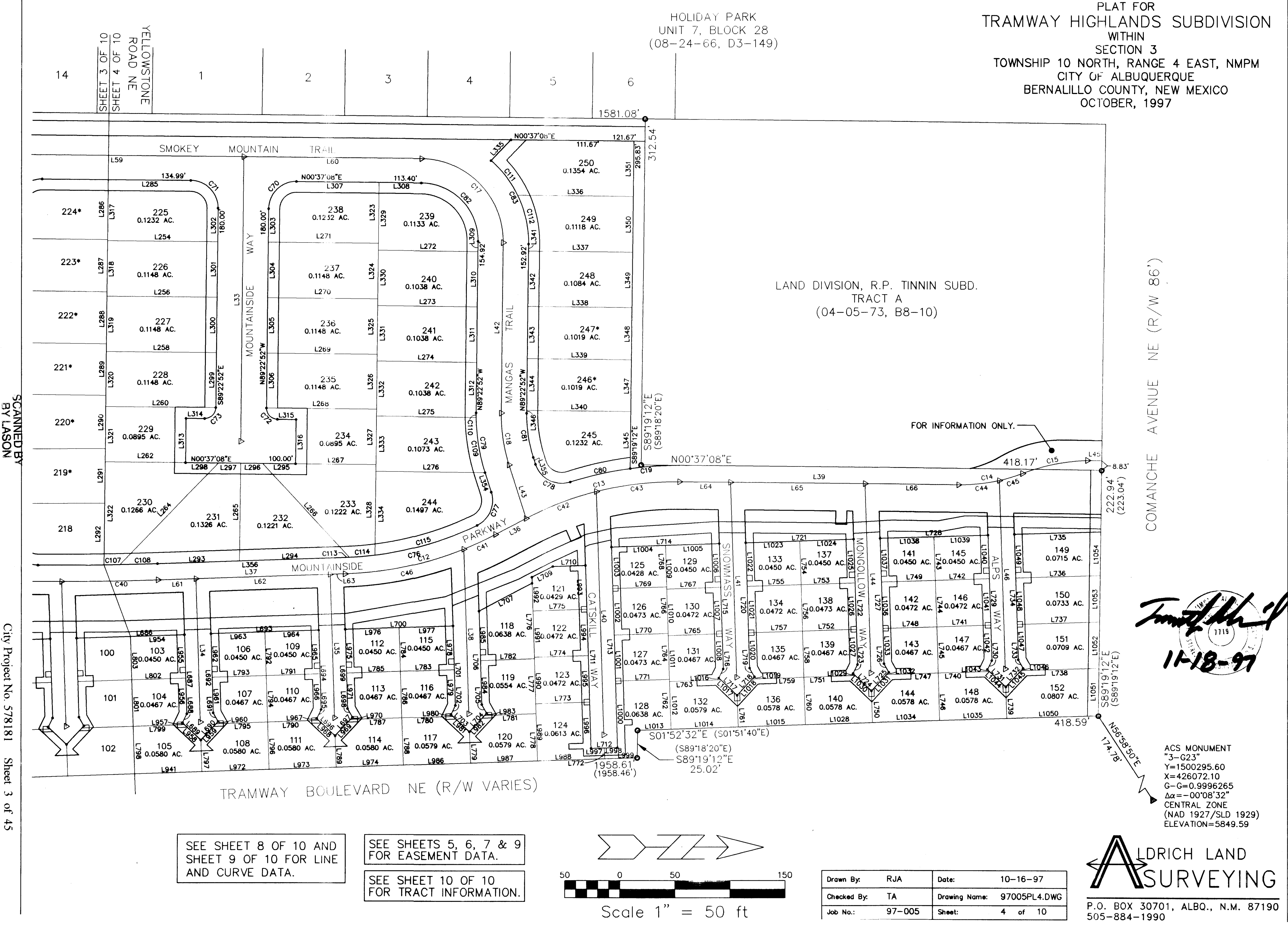
SEE SHEET 10 OF 10
FOR TRACT INFORMATION.

PLAT FOR
TRAMWAY HIGHLANDS SUBDIVISION
WITHIN
SECTION 3
TOWNSHIP 10 NORTH, RANGE 4 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
OCTOBER, 1997



Drawn By:	RJA	Date:	10-16-97
Checked By:	TA	Drawing Name:	97005PL3.DWG
Job No.:	97-005	Sheet:	3 of 10

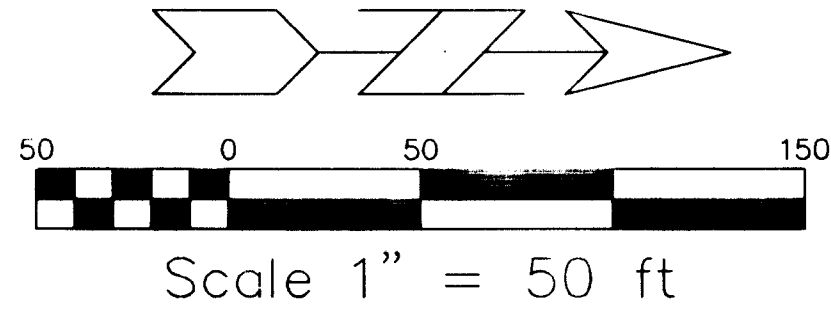
ALDRICH LAND
SURVEYING
P.O. BOX 16701, ALBU., N.M. 87190
505-884-1990



SEE SHEET 8 OF 10 AND
SHEET 9 OF 10 FOR LINE
AND CURVE DATA.

SEE SHEETS 5, 6, 7 & 9
FOR EASEMENT DATA.

SEE SHEET 10 OF 10
FOR TRACT INFORMATION.



Drawn By:	RJA	Date:	10-16-97
Checked By:	TA	Drawing Name:	97005PL4.DWG
Job No.:	97-005	Sheet:	4 of 10

ALDRICH LAND
SURVEYING
P.O. BOX 30701, ALBU., N.M. 87190
505-884-1990

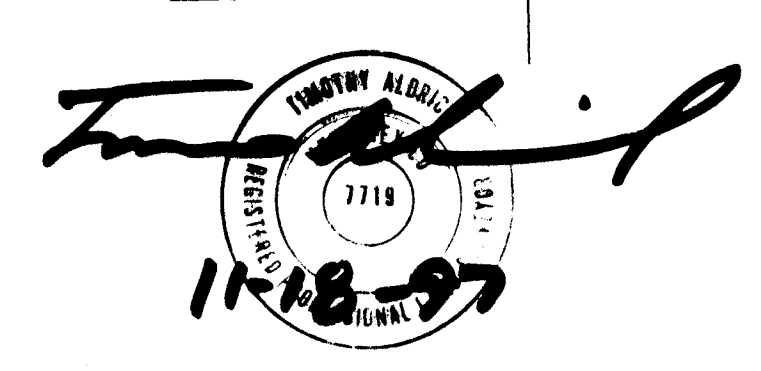


- EASEMENT DATA
- PUBLIC WATERLINE AND SANITARY SEWER EASEMENT (GRANTED BY THIS PLAT)
- 10' PUBLIC UTILITY EASEMENT (GRANTED BY THIS PLAT)
- 7' PUBLIC UTILITY EASEMENT (GRANTED BY THIS PLAT)
- 20' PRIVATE LANDSCAPE BUFFER AND PUBLIC DRAINAGE EASEMENT (GRANTED BY THIS PLAT)

SEE SHEET 9 OF 10 FOR EASEMENT DETAILS.

SEE SHEET 10 OF 10 FOR TRACT INFORMATION.

PLAT FOR
TRAMWAY HIGHLANDS SUBDIVISION
WITHIN
SECTION 3
TOWNSHIP 10 NORTH, RANGE 4 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
OCTOBER, 1997



TRAMWAY BOULEVARD NE (R/W VARIES)

Scale 1" = 50 ft

EASEMENT CENTERLINE DATA	
LINE	DIRECTION
100	N89°22'52"W
101	N89°22'52"W
102	N89°22'52"W
103	N89°22'52"W
104	N89°22'52"W
105	N89°22'52"W
106	N89°22'52"W
107	N89°22'52"W
108	N89°22'52"W
109	N89°22'52"W
110	N89°22'52"W
111	N89°22'52"W
112	N89°22'52"W
113	N89°22'52"W
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120	N89°22'52"W
121	N89°22'52"W
122	N89°22'52"W
123	N89°22'52"W
124	N89°22'52"W
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129	N89°22'52"W
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142	N89°22'52"W
143	N89°22'52"W
144	N89°22'52"W
145	N89°22'52"W
146	N89°22'52"W
147	N89°22'52"W
148	N89°22'52"W
149	N89°22'52"W
150	N89°22'52"W
151	N89°22'52"W
152	N89°22'52"W

FOR INFORMATION ONLY.

COMANCHE AVENUE NE (R/W 66')

Drawn By	RJA	Date	10-16-97
Checked By	TA	Drawing Name	97005PL4.DWG
Job No.	97-005	Sheet	7 of 10

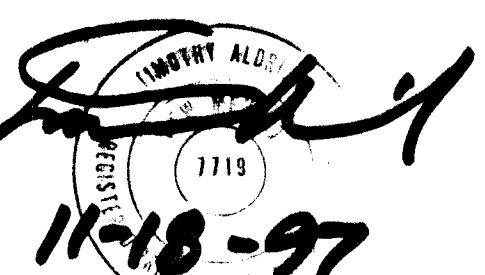
ALDRICH LAND
SURVEYING
P.O. BOX 30701, ALBU., N.M. 87190
505-884-1990

LINE TABLE

LINE	DIRECTION	DISTANCE
100	N89°22'52"W	50.00
101	N89°22'52"W	50.00
102	N89°22'52"W	50.00
103	N89°22'52"W	50.00
104	N89°22'52"W	50.00
105	N89°22'52"W	50.00
106	N89°22'52"W	50.00
107	N89°22'52"W	50.00
108	N89°22'52"W	50.00
109	N89°22'52"W	50.00
110	N89°22'52"W	50.00
111	N89°22'52"W	50.00
112	N89°22'52"W	50.00
113	N89°22'52"W	50.00
114	N89°22'52"W	50.00
115	N89°22'52"W	50.00
116	N89°22'52"W	50.00
117	N89°22'52"W	50.00
118	N89°22'52"W	50.00
119	N89°22'52"W	50.00
120	N89°22'52"W	50.00
121	N89°22'52"W	50.00
122	N89°22'52"W	50.00
123	N89°22'52"W	50.00
124	N89°22'52"W	50.00
125	N89°22'52"W	50.00
126	N89°22'52"W	50.00
127	N89°22'52"W	50.00
128	N89°22'52"W	50.00
129	N89°22'52"W	50.00
130	N89°22'52"W	50.00
131	N89°22'52"W	50.00
132	N89°22'52"W	50.00
133	N89°22'52"W	50.00
134	N89°22'52"W	50.00
135	N89°22'52"W	50.00
136	N89°22'52"W	50.00
137	N89°22'52"W	50.00
138	N89°22'52"W	50.00
139	N89°22'52"W	50.00
140	N89°22'52"W	50.00
141	N89°22'52"W	50.00
142	N89°22'52"W	50.00
143	N89°22'52"W	50.00
144	N89°22'52"W	50.00
145	N89°22'52"W	50.00
146	N89°22'52"W	50.00
147	N89°22'52"W	50.00
148	N89°22'52"W	50.00
149	N89°22'52"W	50.00
150	N89°22'52"W	50.00
151	N89°22'52"W	50.00
152	N89°22'52"W	50.00

PLAT FOR
TRAMWAY HIGHLANDS SUBDIVISION
WITHIN
SECTION 3
TOWNSHIP 10 NORTH, RANGE 4 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
OCTOBER, 1997

SCANNED BY
City Project No. 578181 Sheet 5 of 15



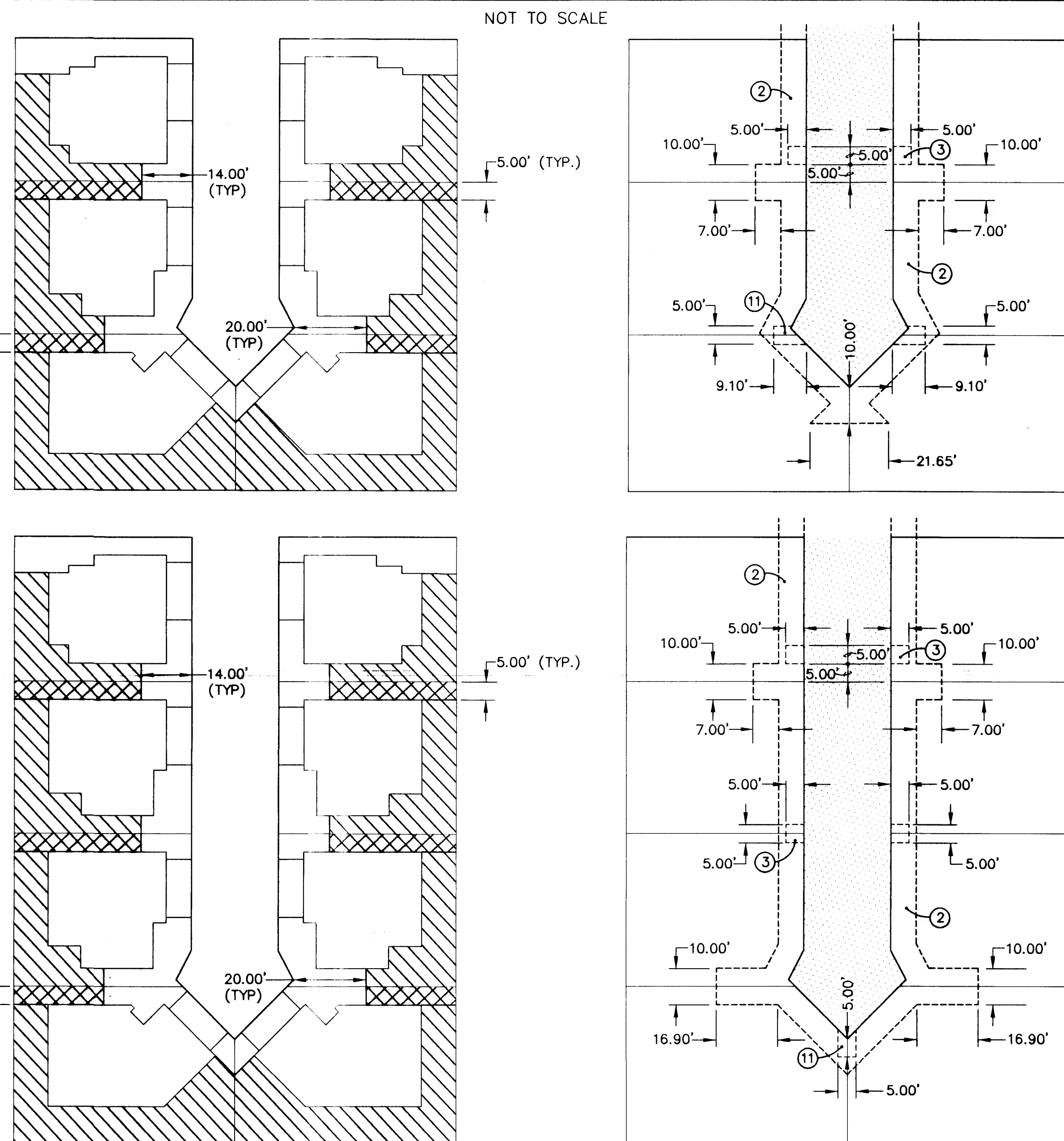
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Checked By	TA	Drawing Name	97005PL8.DWG
Job No.	97-005	Sheet	8 of 10

ALDRICH LAND
SURVEYING
P.O. BOX 30701, ALBU., N.M. 87190
505-884-1990

CURVE TABLE

CURVE	LENGTH	DELTA	RADIUS	TANGENT	DIRECTION	CHORD
C1	132.00	30°41'12"	284.86	71.14	S37°32'02"W	137.41
C2	183.17	40°54'22"	256.33	87.28	S28°16'57"W	189.97
C3	39.27	90°00'00"	25.00	25.00	S38°41'14"E	35.36
C4	155.89	77°04'44"	240.00	86.68	N33°10'06"E	152.85
C5	30.53	28°32'38"	62.00	15.58	N69°28'58"W	30.22
C6	45.86	27°07'27"	64.00	24.01	N65°58'12"W	44.97
C7	218.23	54°07'40"	231.00	118.03	N25°12'02"E	210.20
C8	28.40	14°10'00"	114.00	14.37	N00°42'17"W	28.41
C9	288.08	08°35'58"	2739.99	148.19	N04°58'40"W	287.93
C10	401.68	12°27'57"	1846.22	220.64	N01°51'41"W	400.86
C11	298.08	08°35'58"	2739.99	148.19	N01°51'41"W	297.93
C12	142.52	28°32'38"	62.00	15.58	N69°28'58"W	141.26
C13	59.18	21°44'14"	136.00	28.95	N101°43'59"W	58.83
C14	117.81	08°35'58"	2739.99	148.19	N01°51'41"W	116.97
C15	117.81	08°35'58"	2739.99	148.19	N01°51'41"W	116.97
C16	47.73	18°13'48"	150.00	24.07	N81°50'14"E	47.52
C17	45.08	08°23'31"	608.40	22.58	N03°30'42"E	45.04
C18	60.92	14°32'33"	240.00	30.62	N44°59'43"E	60.75
C19	94.75	22°37'11"	240.00	48.00	N28°52'52"E	94.13
C20	87.91	21°48'18"	231.00	44.46	N41°51'21"E	87.38
C21	108.73	08°35'58"	2739.99	148.19	N01°51'41"W	107.73
C22	21.58	08°27'18"	231.00	10.80	N00°48'58"E	21.58
C23	8.37	08°13'17"	114.00	8.37	N00°48'58"E	8.37
C24	20.15	10°17'43"	114.00	10.10	N02°48'25"W	20.13
C25	11.38	08°17'47"	2739.99	5.69	N02°48'25"W	11.38
C26	122.04	02°33'07"	2739.99	61.03	N03°22'31"W	122.03
C27	41.11	08°35'58"	2739.99	22.00	N04°58'40"W	41.11
C28	42.34	02°33'07"	2739.99	21.17	N07°36'02"W	42.34
C29	122.04	03°47'19"	1846.22	61.06	N03°42'42"W	122.05
C30	122.04	03°47'19"	1846.22	61.06	N03°42'42"W	122.05
C31	77.35	02°44'01"	1846.22	38.88	N03°10'17"E	77.34
C32	45.18	02°05'41"	2739.99	22.59	N01°51'41"W	45.18
C33	85.62	01°58'58"	2739.99	47.81	N02°25'38"E	85.61
C34	69.80	01°58'58"	2739.99	34.90	N02°25'38"E	69.80
C35	87.48	01°48'46"	2739.99	43.75	N02°56'48"W	87.48
C36	31.74	02°12'57"	613.16	15.86	N02°56'48"W	31.73
C37	78.14	14°52'08"	283.40	38.29	N08°48'57"W	75.83
C38	21.92	08°03'48"	158.00	11.00	N17°05'12"W	21.94
C39	110.83	07°04'58"	25.00	24.41	N44°10'34"W	108.25
C40	36.87	08°37'44"	25.00	24.41	N44°10'34"W	34.93
C41	18.50	08°37'44"	25.00	9.70	N00°29'34"W	18.50
C42	184.86	26°47'46"	40.00	9.70	N00°29'34"W	184.86
C43	36.27	90°00'00"	25.00	25.00	N44°52'52"W	35.36
C44	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C45	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C46	107.17	02°15'17"	2724.99	53.59	N08°58'03"W	107.16
C47	404.96	12°27'57"	1846.22	220.64	N01°51'41"W	404.96
C48	81.07	08°35'58"	2739.99	47.81	N01°51'41"W	80.99
C49	40.57	08°35'58"	2739.99	22.00	N04°58'40"W	40.57
C50	36.27	90°00'00"	25.00	25.00	N44°52'52"W	35.36
C51	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C52	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C53	36.27	90°00'00"	25.00	25.00	N44°52'52"W	35.36
C54	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C55	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C56	107.17	02°15'17"	2724.99	53.59	N08°58'03"W	107.16
C57	404.96	12°27'57"	1846.22	220.64	N01°51'41"W	404.96
C58	81.07	08°35'58"	2739.99	47.81	N01°51'41"W	80.99
C59	40.57	08°35'58"	2739.99	22.00	N04°58'40"W	40.57
C60	36.27	90°00'00"	25.00	25.00	N44°52'52"W	35.36
C61	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C62	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C63	36.27	90°00'00"	25.00	25.00	N44°52'52"W	35.36
C64	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C65	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C66	107.17	02°15'17"	2724.99	53.59	N08°58'03"W	107.16
C67	404.96	12°27'57"	1846.22	220.64	N01°51'41"W	404.96
C68	81.07	08°35'58"	2739.99	47.81	N01°51'41"W	80.99
C69	40.57	08°35'58"	2739.99	22.00	N04°58'40"W	40.57
C70	36.27	90°00'00"	25.00	25.00	N44°52'52"W	35.36
C71	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C72	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C73	36.27	90°00'00"	25.00	25.00	N44°52'52"W	35.36
C74	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C75	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C76	107.17	02°15'17"	2724.99	53.59	N08°58'03"W	107.16
C77	404.96	12°27'57"	1846.22	220.64	N01°51'41"W	404.96
C78	81.07	08°35'58"	2739.99	47.81	N01°51'41"W	80.99
C79	40.57	08°35'58"	2739.99	22.00	N04°58'40"W	40.57
C80	36.27	90°00'00"	25.00	25.00	N44°52'52"W	35.36
C81	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C82	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C83	36.27	90°00'00"	25.00	25.00	N44°52'52"W	35.36
C84	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C85	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C86	107.17	02°15'17"	2724.99	53.59	N08°58'03"W	107.16
C87	404.96	12°27'57"	1846.22	220.64	N01°51'41"W	404.96
C88	81.07	08°35'58"	2739.99	47.81	N01°51'41"W	80.99
C89	40.57	08°35'58"	2739.99	22.00	N04°58'40"W	40.57
C90	36.27	90°00'00"	25.00	25.00	N44°52'52"W	35.36
C91	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C92	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C93	36.27	90°00'00"	25.00	25.00	N44°52'52"W	35.36
C94	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C95	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C96	107.17	02°15'17"	2724.99	53.59	N08°58'03"W	107.16
C97	404.96	12°27'57"	1846.22	220.64	N01°51'41"W	404.96
C98	81.07	08°35'58"	2739.99	47.81	N01°51'41"W	80.99
C99	40.57	08°35'58"	2739.99	22.00	N04°58'40"W	40.57
C100	36.27	90°00'00"	25.00	25.00	N44°52'52"W	35.36
C101	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C102	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C103	36.27	90°00'00"	25.00	25.00	N44°52'52"W	35.36
C104	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C105	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C106	107.17	02°15'17"	2724.99	53.59	N08°58'03"W	107.16
C107	404.96	12°27'57"	1846.22	220.64	N01°51'41"W	404.96
C108	81.07	08°35'58"	2739.99	47.81	N01°51'41"W	80.99
C109	40.57	08°35'58"	2739.99	22.00	N04°58'40"W	40.57
C110	36.27	90°00'00"	25.00	25.00	N44°52'52"W	35.36
C111	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C112	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C113	36.27	90°00'00"	25.00	25.00	N44°52'52"W	35.36
C114	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C115	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C116	107.17	02°15'17"	2724.99	53.59	N08°58'03"W	107.16
C117	404.96	12°27'57"	1846.22	220.64	N01°51'41"W	404.96
C118	81.07	08°35'58"	2739.99	47.81	N01°51'41"W	80.99
C119	40.57	08°35'58"	2739.99	22.00	N04°58'40"W	40.57
C120	36.27	90°00'00"	25.00	25.00	N44°52'52"W	35.36
C121	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C122	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C123	36.27	90°00'00"	25.00	25.00	N44°52'52"W	35.36
C124	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C125	15.71	90°00'00"	10.00	10.00	N44°52'52"W	14.14
C126	107.17	02°15'17"	2724.99	53.59	N08°58'03"W	107.16
C127	404.96	12°27'57"	1846.22	220.64	N01°51'41"W	404.96
C128	81.07	08°35'58"	2739.99	47.81	N01°51'41"W	80.99
C129	40.57	08°35'58"	2739.99	22.00	N04°58'40"W	40.57
C130	36.27	90°00'00"	25.00	25.00	N44°52'52"W	35.36

EASEMENT DETAILS



- EASEMENT DATA
- BACKYARD AREA (TYP.)
 - SIDEYARD EASEMENT (GRANTED BY THIS PLAT)
 - PUBLIC UTILITY EASEMENT (GRANTED BY THIS PLAT)
 - 5' x 5' PUBLIC WATERLINE EASEMENT (GRANTED BY THIS PLAT)
 - PUBLIC WATERLINE EASEMENT (GRANTED BY THIS PLAT)

Drawn By:	RJA	Date:	10-16-97
Checked By:	TA	Drawing Name:	97005PL9.DWG
Job No.:	97-005	Sheet:	9 of 10

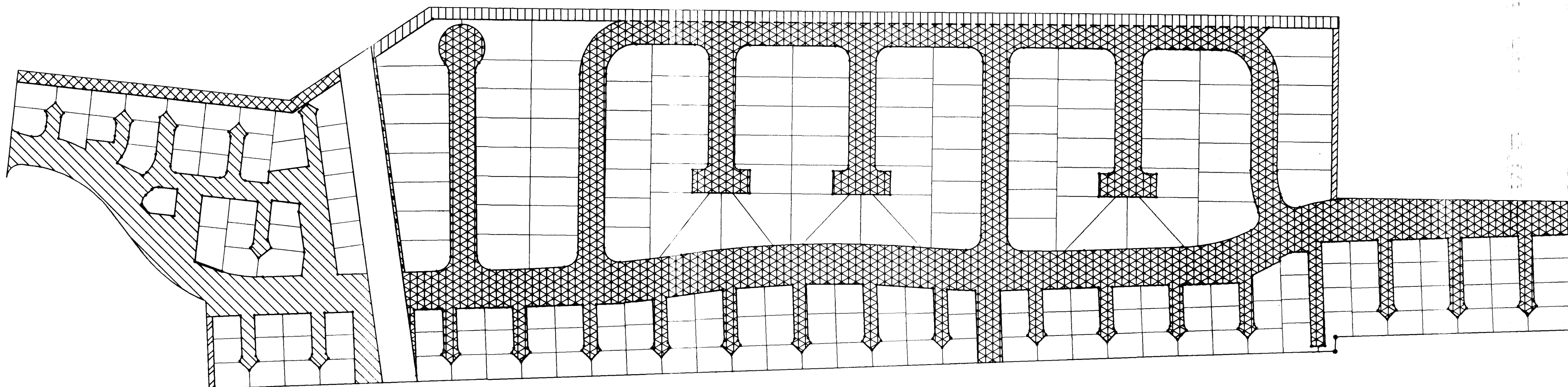
[Signature]
11-18-97

ALDRICH LAND SURVEYING
P.O. BOX 30701, ALBQ., N.M. 87190
505-884-1990

- TRACT "A" (2.1401 AC.)
COMMON AREA, PRIVATE ACCESS, PRIVATE PEDESTRIAN ACCESS AND PRIVATE PEDESTRIAN ACCESS (GRANTED BY THIS PLAT)
- TRACT "B" (0.3670 AC.)
COMMON AREA, PRIVATE PEDESTRIAN ACCESS, PRIVATE PEDESTRIAN ACCESS AND PRIVATE LANDSCAPE BUFFER (GRANTED BY THIS PLAT)
- TRACT "C" (0.0440 AC.)
COMMON AREA, PRIVATE PEDESTRIAN ACCESS AND PRIVATE PEDESTRIAN ACCESS (GRANTED BY THIS PLAT)
- TRACT "D" (7.9427 AC.)
COMMON AREA, PRIVATE ACCESS, PRIVATE PEDESTRIAN ACCESS AND PRIVATE PEDESTRIAN ACCESS (GRANTED BY THIS PLAT)
- TRACT "E" (0.7816 AC.)
COMMON AREA, PRIVATE PEDESTRIAN ACCESS, PRIVATE PEDESTRIAN ACCESS AND PRIVATE LANDSCAPE BUFFER (GRANTED BY THIS PLAT)
- TRACT "F" (0.0289 AC.)
COMMON AREA, PRIVATE PEDESTRIAN ACCESS, PRIVATE PEDESTRIAN ACCESS AND PRIVATE LANDSCAPE BUFFER (GRANTED BY THIS PLAT)
- TRACT "G" (0.0684 AC.)
COMMON AREA, PRIVATE PEDESTRIAN ACCESS AND PRIVATE PEDESTRIAN ACCESS (GRANTED BY THIS PLAT)

PLAT FOR
TRAMWAY HIGHLANDS SUBDIVISION
WITHIN
SECTION 3
TOWNSHIP 10 NORTH, RANGE 4 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
OCTOBER, 1997

TRACTS

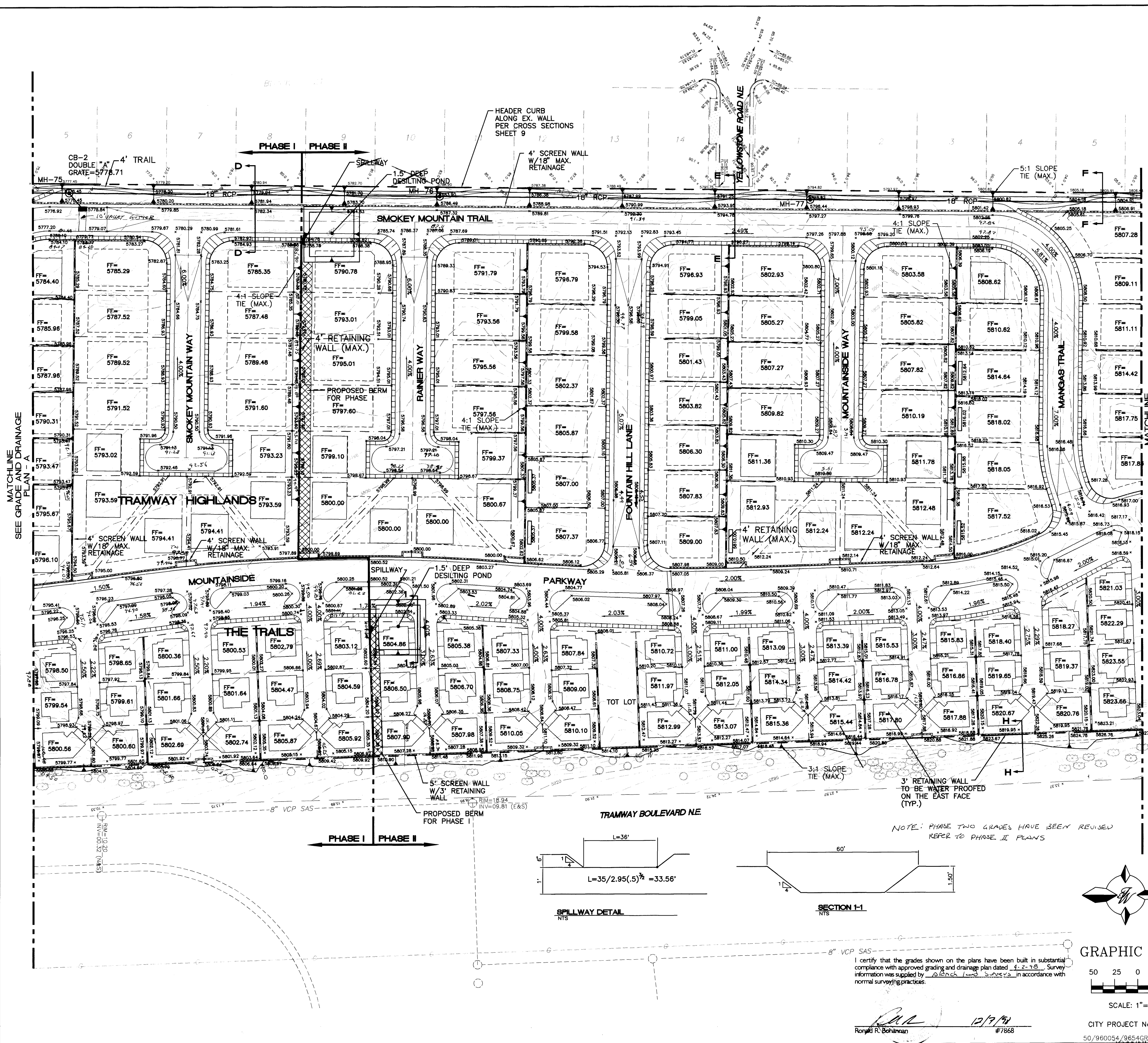


NOTE:
MAINTENANCE OF COMMON AREA, PRIVATE ACCESS, PRIVATE PEDESTRIAN ACCESS, PRIVATE PEDESTRIAN ACCESS AND PRIVATE LANDSCAPE BUFFER AREAS, FACILITIES AND IMPROVEMENTS SHALL BE MAINTAINED BY THE TRAMWAY HIGHLANDS HOMEOWNERS ASSOCIATION.

Drawn By:	RJA	Date:	10-16-97
Checked By:	TA	Drawing Name:	97005PL9.DWG
Job No.:	97-005	Sheet:	10 of 10

[Signature]
11-18-97

ALDRICH LAND SURVEYING
P.O. BOX 30701, ALBQ., N.M. 87190
505-884-1990



SECTION A-A
NTS

SECTION B-B
NTS

BERM DETAIL
NTS

SECTION I-I
NTS

GRAPHIC SCALE

50 25 0 25 50

SCALE: 1"=50'

NOTES

1. SEE SHEET 10 FOR CROSS SECTIONS.
2. SEE GRADING AND DRAINAGE PLAN - A FOR BENCH MARK.

RECORD DRAWING

DATE: 12/15/97 DRAFTED BY: JLD
TERRA WEST DEV.

THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.

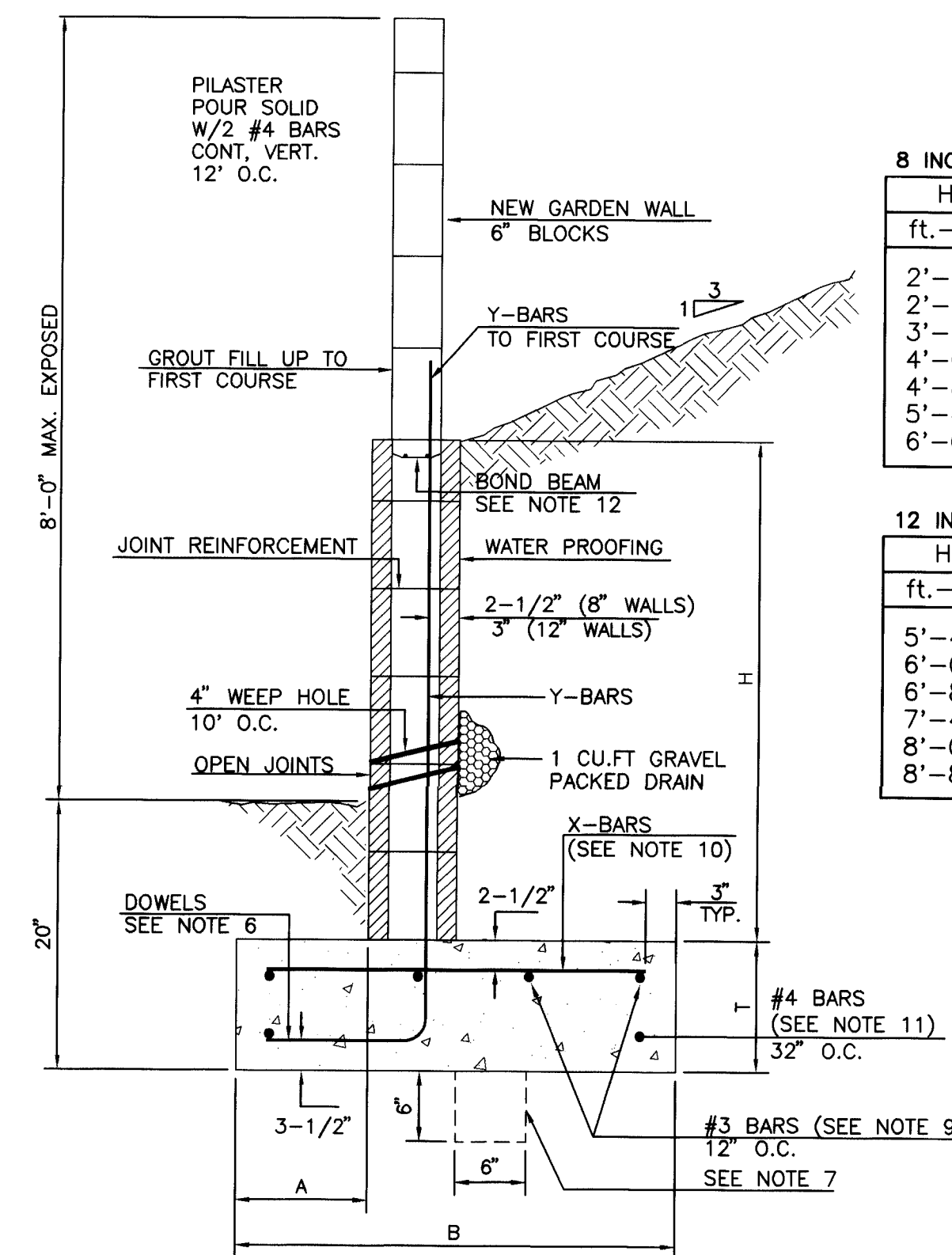
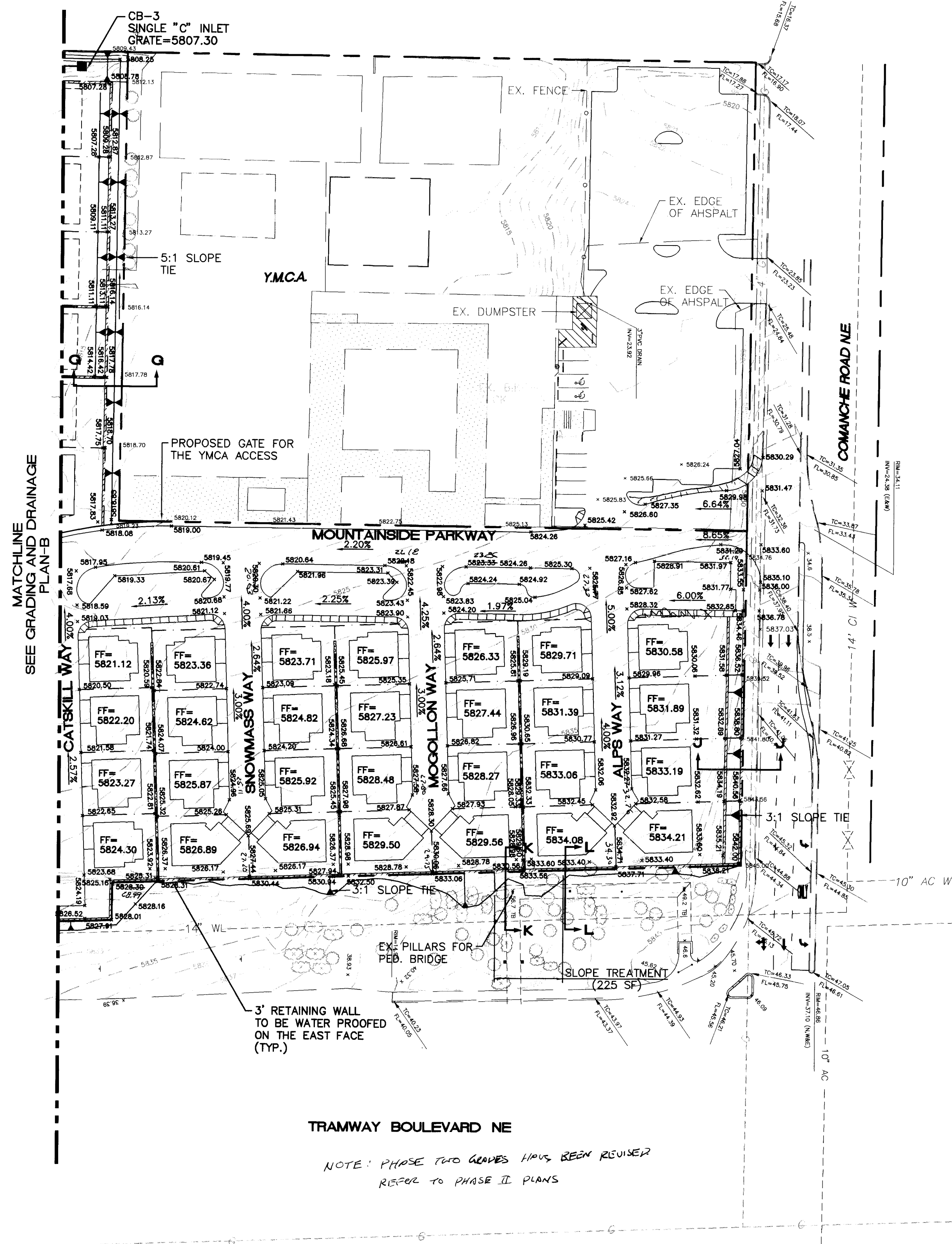
ENGINEER'S SEAL RONALD R. BOHANNAN P.E. #7868	TRAMWAY HIGHLANDS SUBDIVISION	DRAWN BY BDG
	GRADING AND DRAINAGE PLAN - B	DATE 4-23-97
	TERRA WEST, LLC 4421 McLEOD ROAD, N.E., SUITE D ALBUQUERQUE, NEW MEXICO 87109 (505)883-7592	9654GRB.DWG
	SHEET # 8 OF 45	JOB # 960054

NOTE: PHASE TWO GRADES HAVE BEEN REVISED REFER TO PHASE II PLANS

CITY PROJECT No. 578181

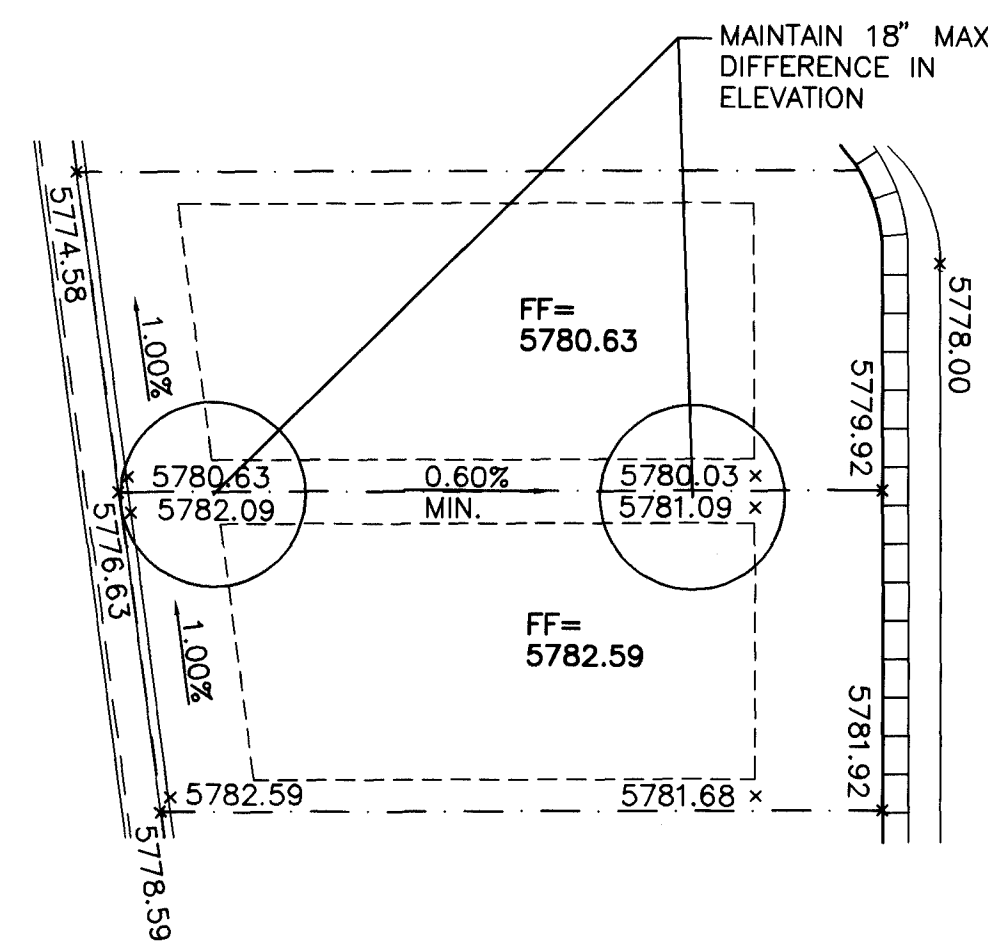
50/960054/9654GRB.DWG/BDG/12-01-97/

BY LASON



RETAINING WALL DETAIL

NOT TO SCALE

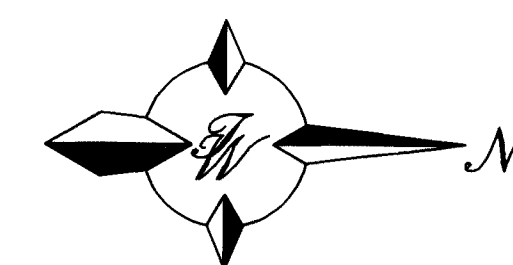


TYPICAL LOT LAYOUT

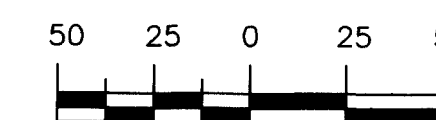
NOT TO SCALE

I certify that the grades shown on the plans have been built in substantial compliance with approved grading and drainage plan dated 4-2-95. Survey information was supplied by Albrecht & Sons in accordance with normal surveying practices.

Ronald R. Bohannan 12/2/97 #7868



GRAPHIC SCALE



SCALE: 1"=50'

CITY PROJECT No. 578181

50/960054/9654GRC.DWG/BDG/12-02-97/

8 INCH REINFORCED CONCRETE MASONRY WALL

H	X	A	B	T	Y-BARS	X-BARS
ft.-in.	ft.-in.	in.	ft.-in.	in.		
2'-0"	1'-1"	8"	2'-4"	9"	#3 @32" O.C.	
2'-8"	1'-9"	8"	2'-9"	9"	#4 @32" O.C.	#3 @27" O.C.
3'-4"	2'-5"	8"	2'-4"	9"	#3 @32" O.C.	#3 @27" O.C.
4'-0"	3'-1"	10"	2'-9"	9"	#4 @32" O.C.	#3 @27" O.C.
4'-8"	3'-10"	12"	3'-4"	10"	#5 @32" O.C.	#3 @27" O.C.
5'-4"	4'-6"	14"	3'-8"	10"	#4 @16" O.C.	#4 @30" O.C.
6'-0"	5'-3"	16"	4'-2"	12"	#6 @24" O.C.	#4 @25" O.C.

12 INCH REINFORCED CONCRETE MASONRY WALL

H	X	A	B	T	Y-BARS	X-BARS
ft.-in.	ft.-in.	in.	ft.-in.	in.		
5'-4"	4'-8"	14"	3'-8"	10"	#4 @24" O.C.	#3 @25" O.C.
6'-0"	5'-4"	15"	4'-2"	12"	#4 @16" O.C.	#4 @30" O.C.
6'-8"	6'-0"	16"	4'-6"	12"	#6 @24" O.C.	#4 @22" O.C.
7'-4"	6'-8"	18"	4'-10"	12"	#5 @16" O.C.	#5 @26" O.C.
8'-0"	7'-4"	20"	5'-4"	12"	#7 @24" O.C.	#5 @21" O.C.
8'-8"	8'-0"	20"	5'-8"	12"	#7 @16" O.C.	#5 @21" O.C.

GENERAL NOTES:

- ALL CONCRETE IS TO BE 4000 PSI @ 28 DAYS.
- MINIMUM COMPACTION UNDER FOOTINGS IS TO BE 95% PER ASTM D 1557 FOR A DEPTH OF 12" MOISTURE CONTENT IS TO BE $\pm 2.0\%$.
- BACK FILL AGAINST WALLS IS TO BE HAND-PLACED AND COMPACTED.
- ALL BARS ARE TO BE GRADE 60, ASTM 615.
- TRUSS TYPE DUR-O-WALL EVERY OTHER COURSE.
- DOWELS SHALL BE AT LEAST EQUAL IN SIZE AND SPACING TO V-BARS, SHALL PROJECT A MINIMUM OF 30 BAR DIA. INTO THE FILLED BLOCK CORES, AND SHALL EXTEND TO THE TOE OF THE FOOTING.
- PROVIDE KEY FOR 8" AND 12" WALLS WHERE H EXCEEDS 6'-0" HEIGHT.
- USE EITHER EXPANSION JOINTS ON 20' CENTERS OR PILASTERS EVERY 16'.
- #3 BARS TO BE USED ON WALLS EXCEEDING 2'-8" HEIGHT.
- #4 BARS TO BE USED ON WALLS EXCEEDING 2'-8" HEIGHT.
- #4 BARS TO BE USED ON WALLS SMALLER THAN 3'-4" FOR WALLS UNDER 3'-4", 2-#4 BARS FOR WALLS UNDER 5'-4", 2-#5 BARS FOR WALLS OVER 5'-4".

RECORD DRAWING

DATE: 10/15/95 DRAFTED BY: BDG TIERRA WEST DEV.
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.

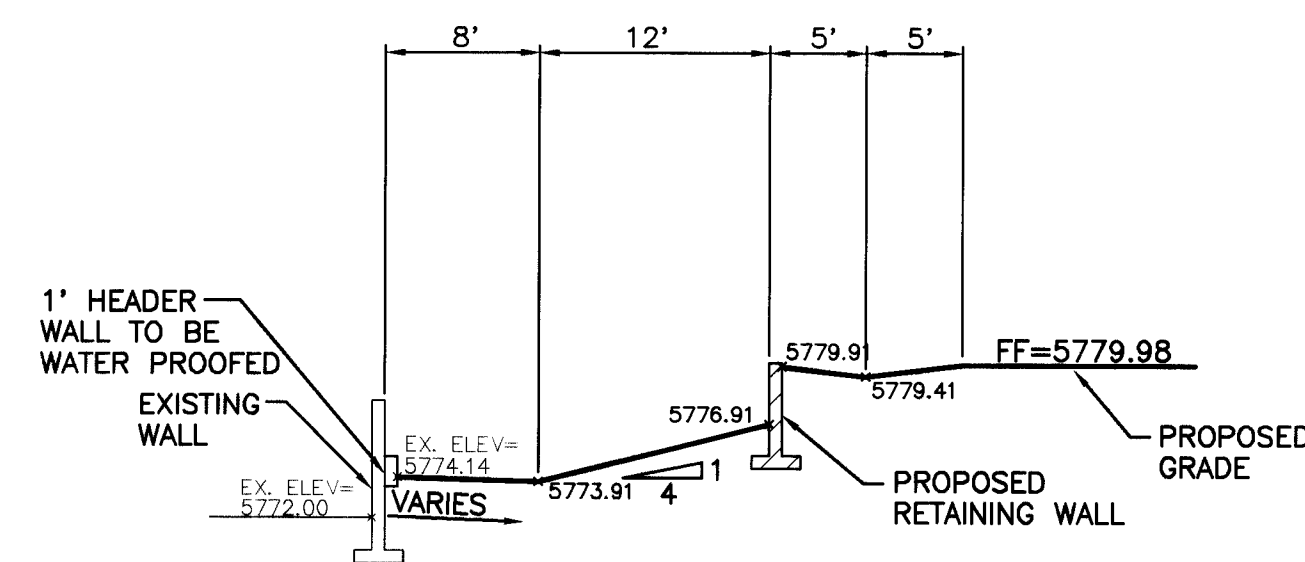
LEGEND

- EXISTING SAS MANHOLE
- EXISTING METER
- EXISTING VALVE W/BOX
- EXISTING FIRE HYDRANT
- EXISTING AIR RELEASE VALVE
- EXISTING REDUCER
- EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
- EXISTING CURB & GUTTER
- EXISTING CONTOUR (MAJOR)
- EXISTING CONTOUR (MINOR)
- BOUNDARY LINE
- EASEMENT
- LIMITS OF TOP OF EXISTING SLOPE
- PROPOSED SIDEWALK
- PROPOSED TRAIL

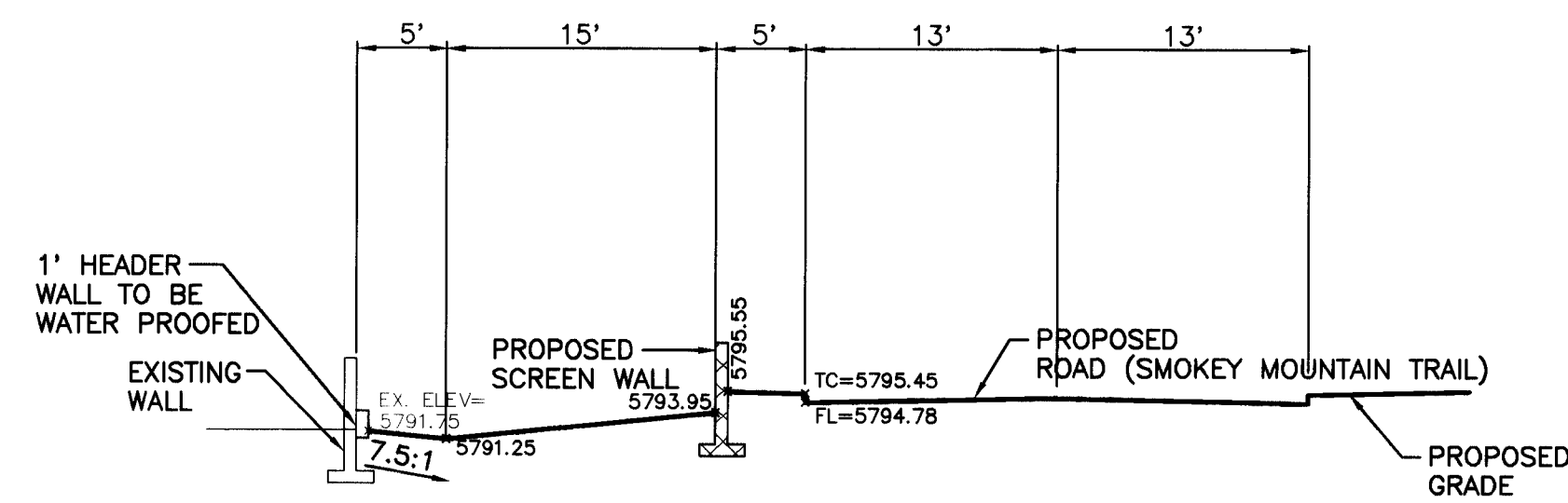
NOTE:

- SEE SHEET 10 FOR CROSS SECTIONS
- SEE GRADING AND DRAINAGE PLAN - A FOR BENCH MARK.

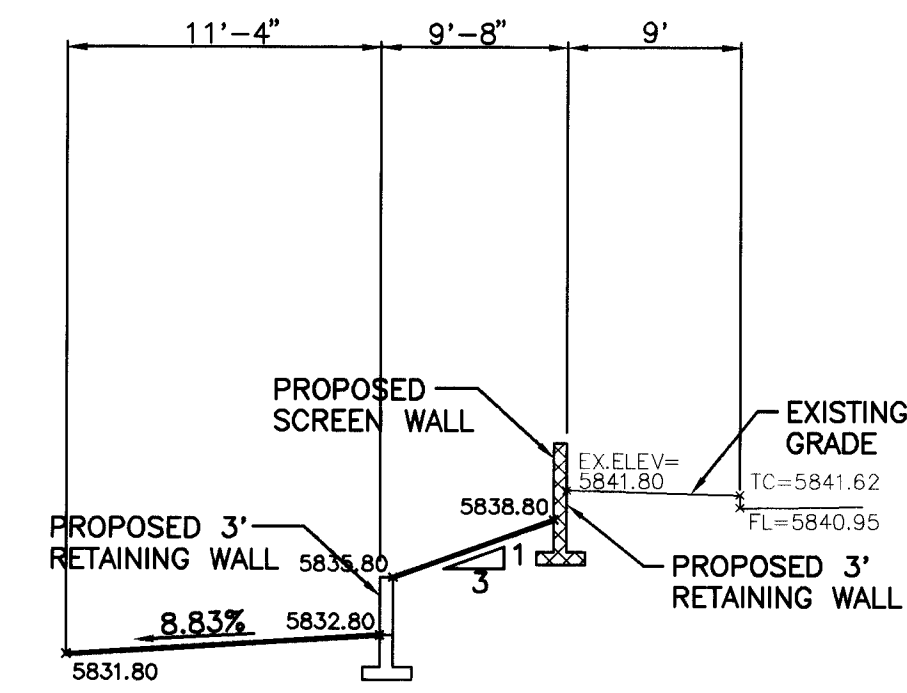
ENGINEER'S SEAL RONALD R. BOHANNAN P.E. #7868	TRAMWAY HIGHLANDS SUBDIVISION		DRAWN BY BDG
	GRADING AND DRAINAGE PLAN - C		DATE 4-23-97
	TIERRA WEST, LLC 4421 McLEOD ROAD, N.E., SUITE D ALBUQUERQUE, NEW MEXICO 87109 (505)883-7592		SHEET # OF 9 OF 45
			JOB # 960054



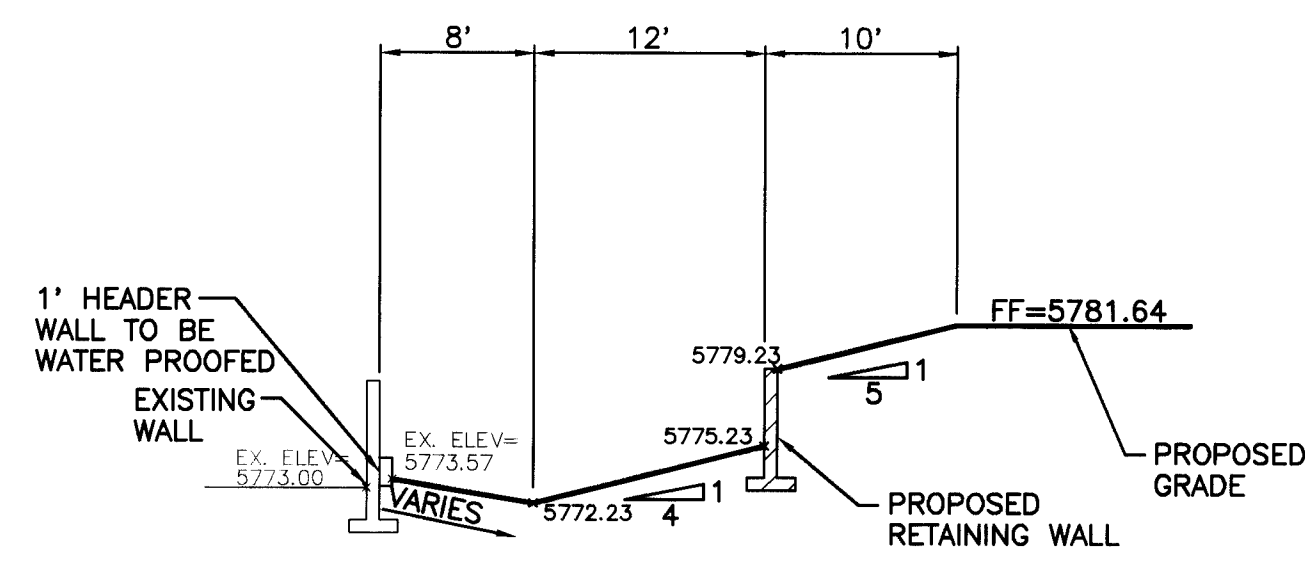
SECTION A-A



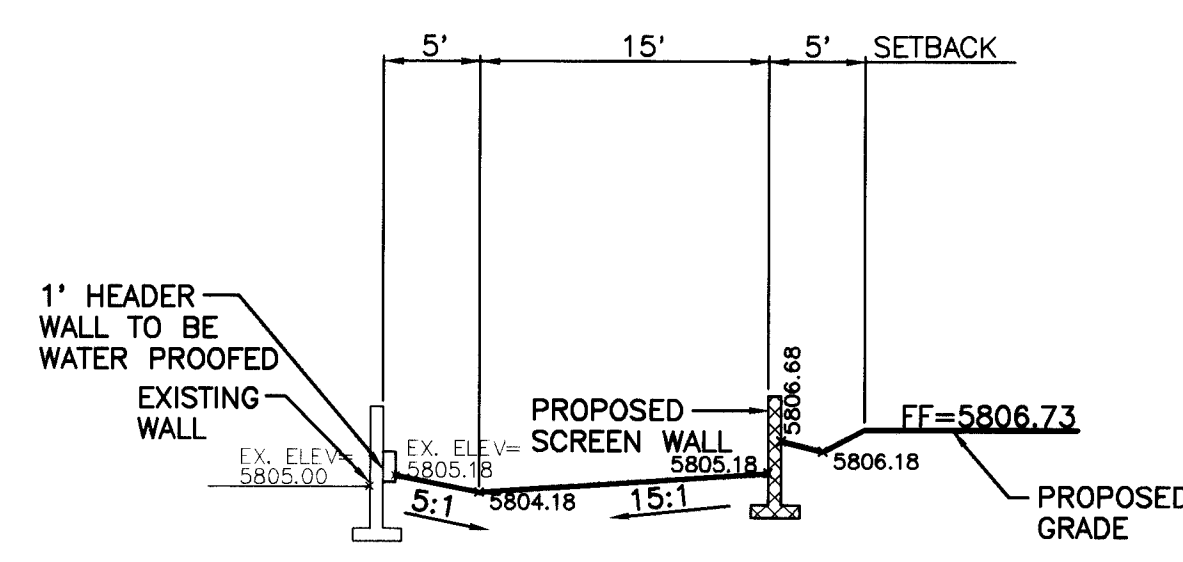
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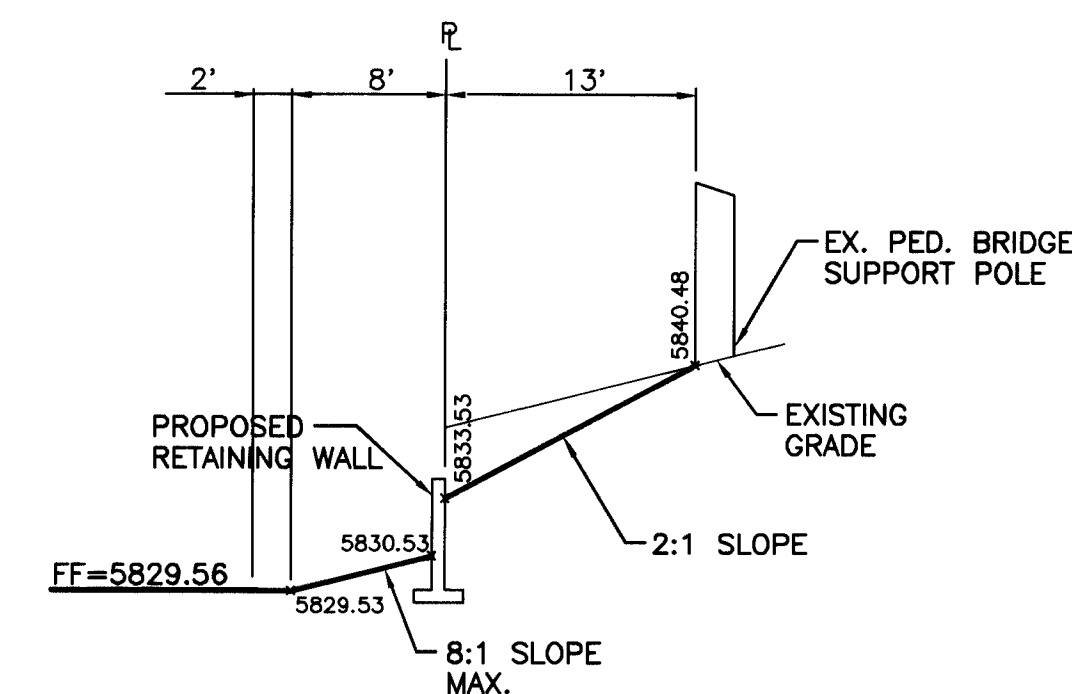
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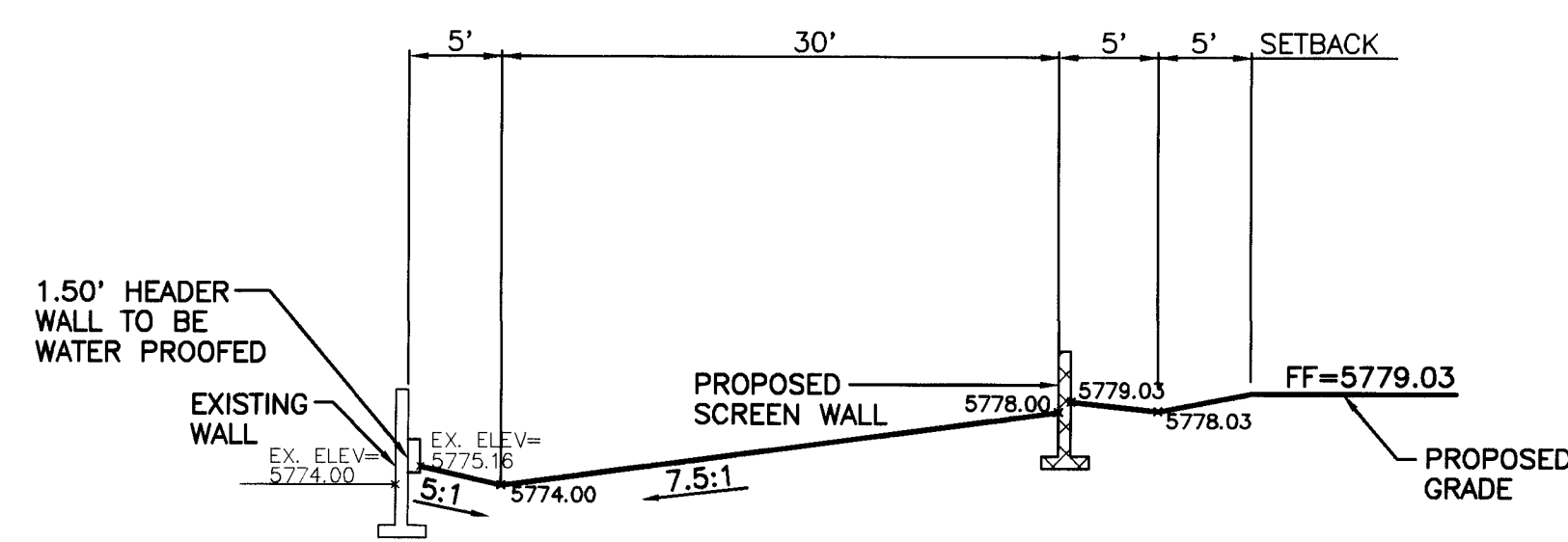
SECTION B-B



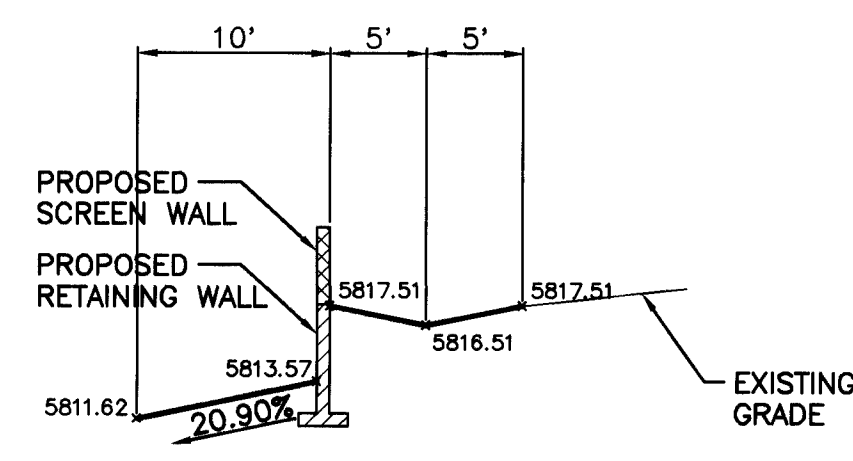
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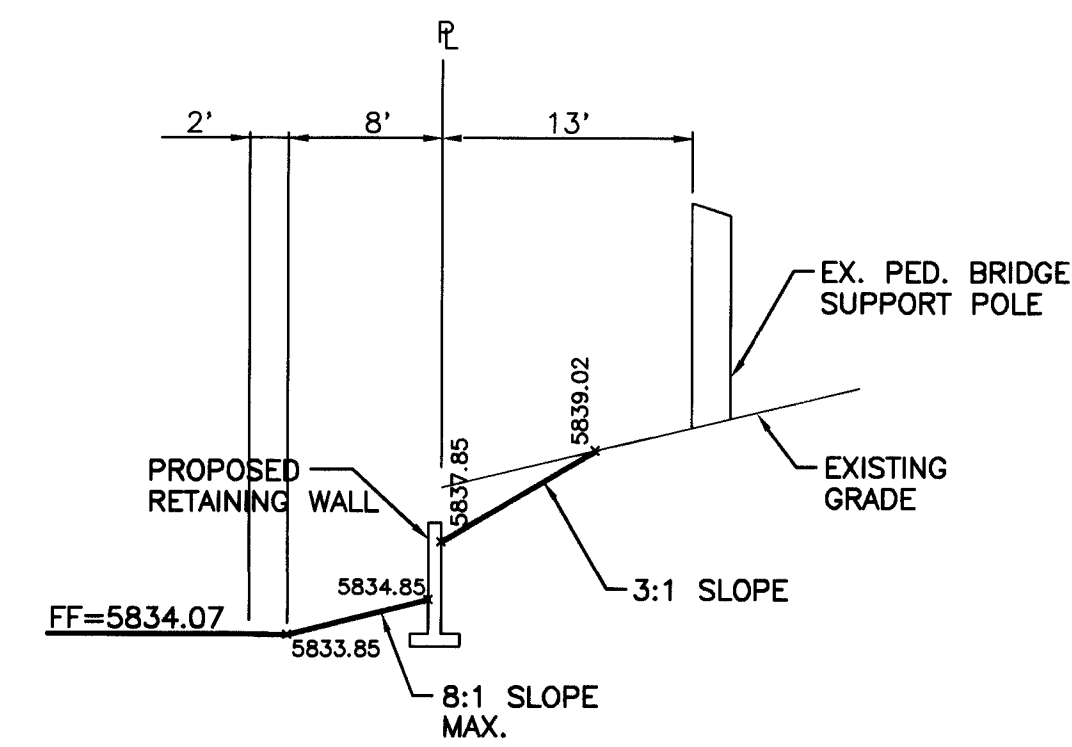
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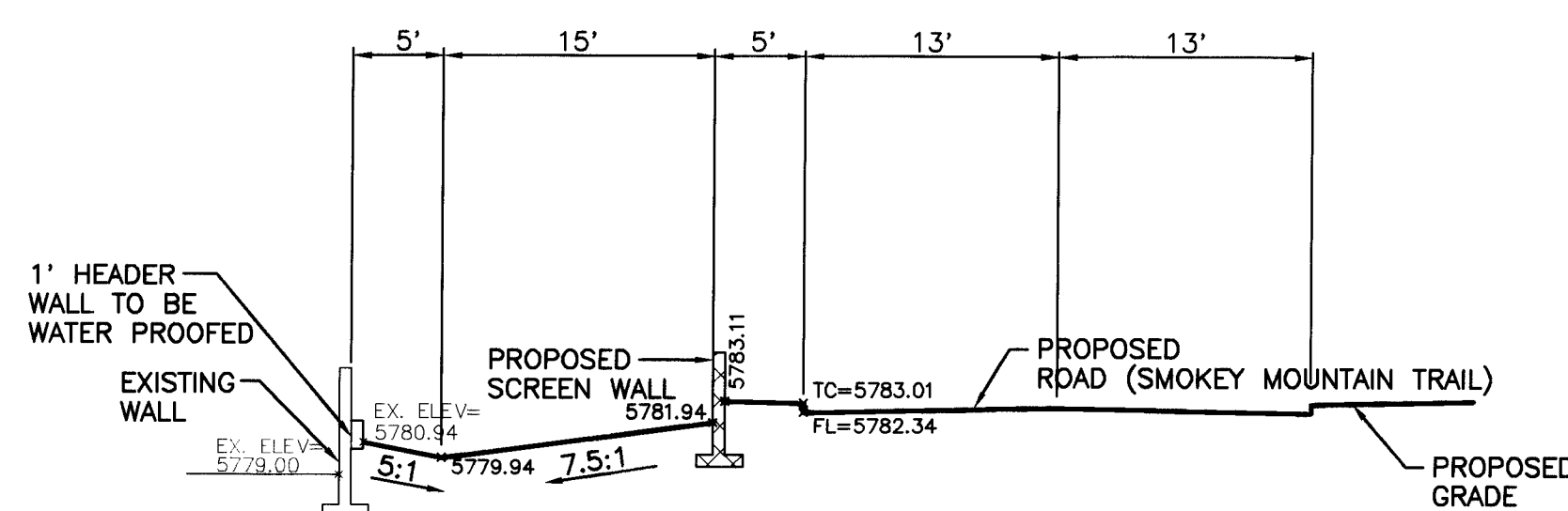
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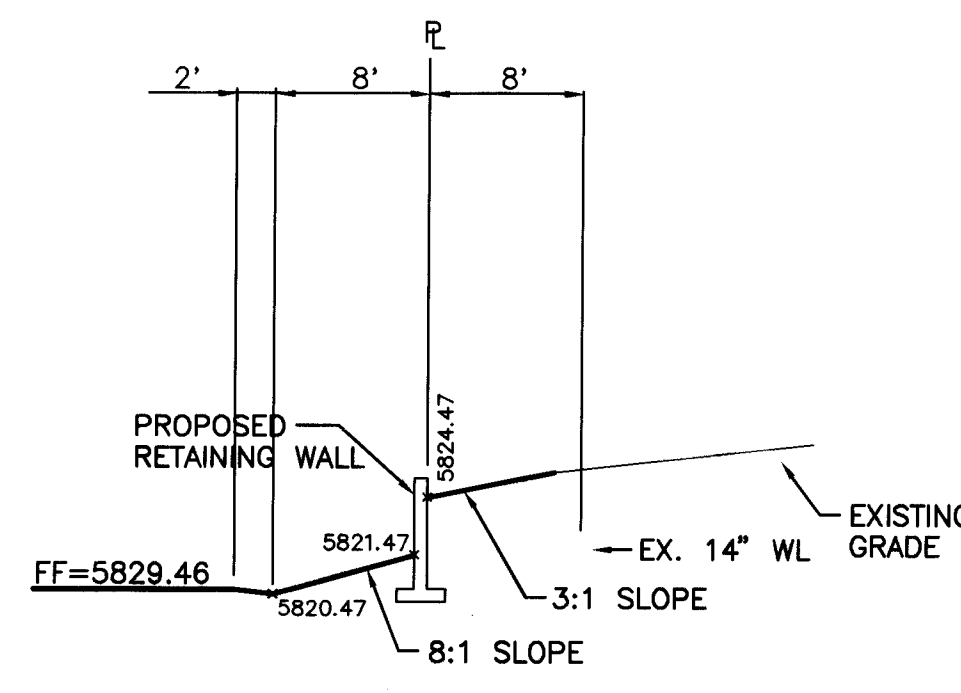
SECTION G-G



SECTION L-L

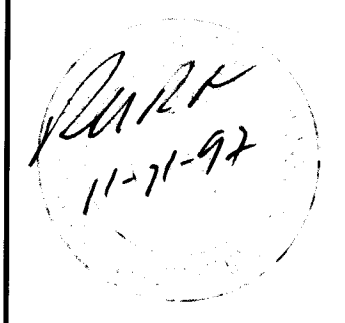


SECTION D-D



SECTION H-H

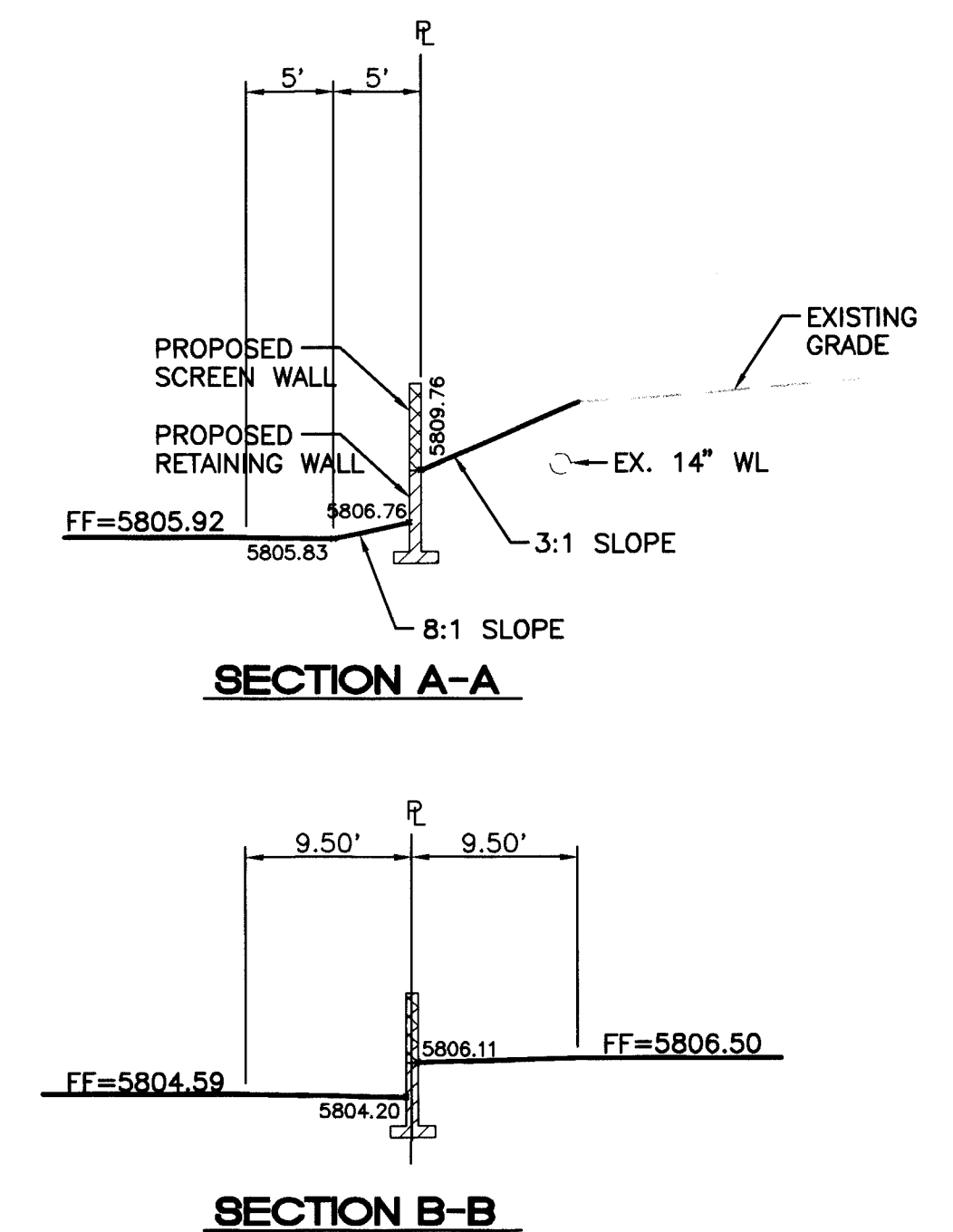
SCALE: 1" = 10'

ENGINEER'S SEAL  RONALD R. BOHANNAN P.E. #7868	TRAMWAY HIGHLANDS SUBDIVISION	DRAWN BY BDG
	CROSS SECTIONS	DATE 4-23-97
	TIERRA WEST, LLC 4421 McLEOD ROAD, N.E., SUITE D ALBUQUERQUE, NEW MEXICO 87109 (505)883-7592	SECT. DWG
		SHEET # OF 10 45 JOB # 960054

CITY PROJECT No. 578181

10/960054/SECT.DWG/BDG/11-04-97

SCANNED BY
LASON



---	EX. 1" ML	EXISTING WATER LINE
---	---	EXISTING CONTOUR (MAJOR)
---	---	EXISTING CONTOUR (MINOR)
---	---	BOUNDARY LINE
---	---	EASEMENT
---	---	LIMITS OF TOP OF EXISTING SLOPE
---	---	PROPOSED SIDEWALK
---	---	PROPOSED RETAINING WALL
---	---	PROPOSED SCREEN WALL

NOTE:

1. GARAGES WILL HAVE A 4" STEP FROM THE ENTRANCE OF THE HOUSE WITH A 2" DROP ACROSS THE FLOOR.
2. SEE GRADING AND DRAINAGE PLAN C FOR RETAINING WALL DETAIL.
3. MAINTAIN A MINIMUM OF 0.50% SLOPE IN THE YARD AREAS.

SCALE: 1"=10'

TIERRA WEST, LLC
4421 McLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE:	<i>TRAMWAY HIGHLANDS SUBDIVISION</i> <i>TYPICAL CLUSTER UNIT DETAIL GRADING</i>

DESIGN REVIEW COMMITTEE

APPROVED

JAN - 2 1968

DESIGN
REVIEW COMMITTEE

	CITY ENGINEER APPROVAL
--	------------------------

LAST DESIGN UPDATE

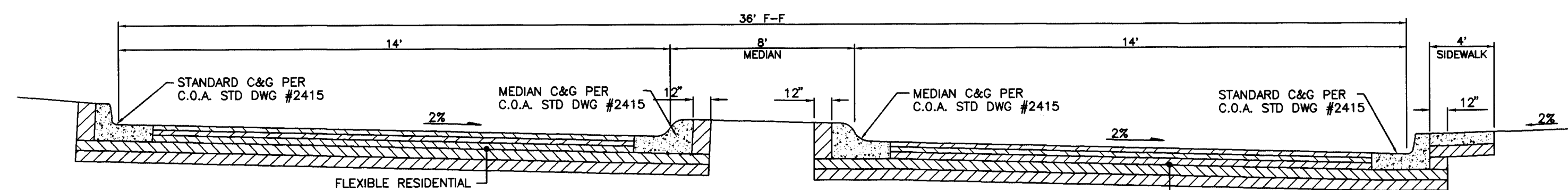
CITY PROJECT NO.

		3	
	ZONE MAP NO.		

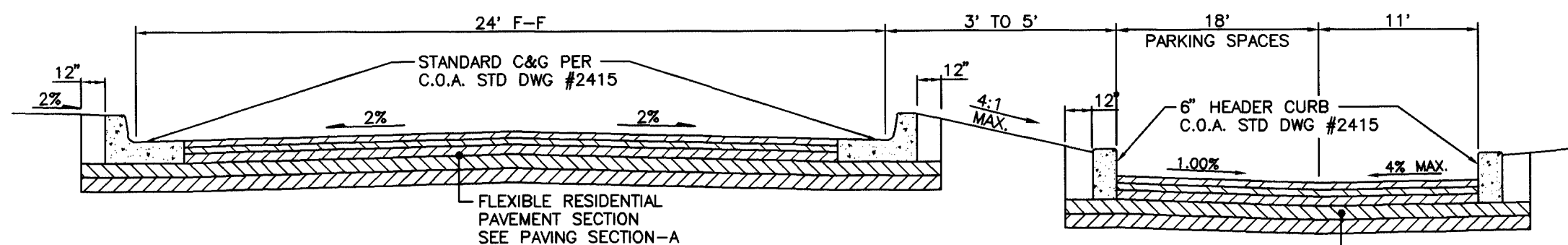
O.	SHEET	12	OF	45
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SCANNED BY
BY LASON

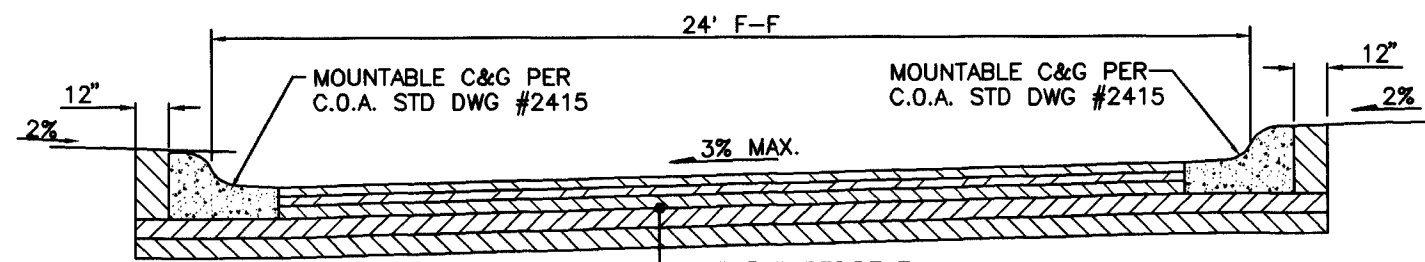
				ENGINEER'S SEAL		SURVEY INFORMATION				BENCH MARKS		AS BUILT INFORMATION			
						FIELD NOTES				ACS "2-G23"		CONTRACTOR Sundance Mechanical			
						NO.	BY	DATE	CENTRAL STATION DATA	WORKED BY Albrecht Landers	DATE "98"				
									NM STATE PLANE COORDINATES	INSPECTOR'S ACCEPTANCE BY Tierco West	DATE "98"				
		REMARKS		BY				Central Zone		FIELD VERIFICATION BY Tierco West		DATE "98"			
		NO.		DATE				X=426140.55		DRAWINGS CORRECTED BY Tierco West		DATE "98"			
								Y=1497438.88		M/CRO-FILM INFORMATION					
		DESIGNED BY		RRB		DATE 9-97		G-G=0.9996289		RECORDED BY		DATE			
		DRAWN BY		BDG		DATE 9-97		Da=-00708.31"		NO.					
		CHECKED BY		RRB		DATE 9-97		ELEV=5799.00				Acc. Rel. Info. Inspector			



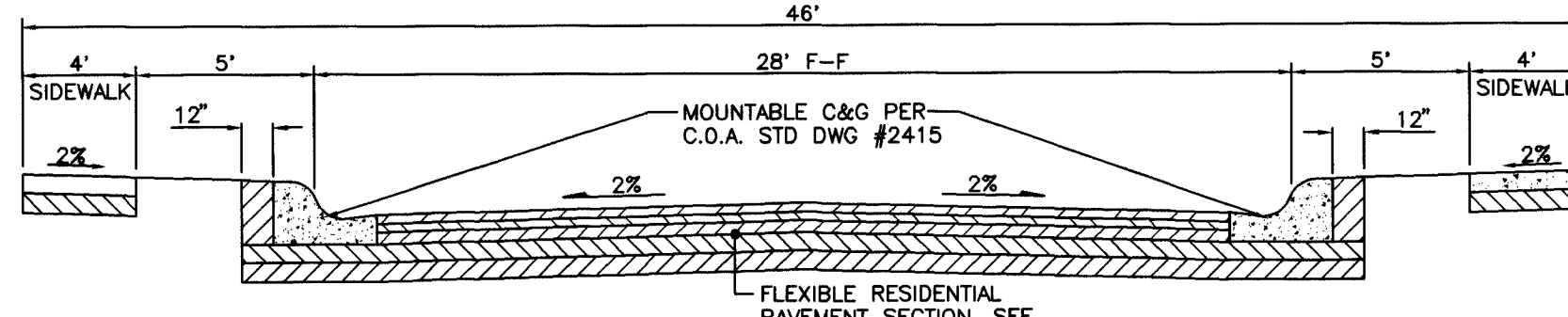
SECTION A-A
TYPICAL STREET SECTION W/MEDIAN
N.T.S.



SECTION B-B
TYPICAL STREET SECTION
N.T.S.



SECTION C-C
TYPICAL 24' STREET SECTION
N.T.S.



SECTION D-D
TYPICAL 28' STREET SECTION W/ MOUNTABLE C+G
N.T.S.

TACK COAT AS REQUIRED BY THE ENGINEER BETWEEN ALL ASPHALT/AGGREGATE MATERIAL LIFTS.

2" ASPHALT CONCRETE, 1800 LBS. STABILITY, TYPE B GRADATION.

FINISH SURFACE OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT COMPACTION MOISTURE RANGE, OR PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/FINAL SURFACE IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION IS COMPLETED.

1" SUBGRADE SOIL, R-VALUE>50. PLACED IN 2-6" COMPACTED LIFTS. 95% MIN. COMPACTION, AT OPT. MOISTURE, TO +4% ASTM D1557, OR OPT. MOISTURE, TO +4% ASTM D698 FOR SOIL W/35% OR MORE MATERIAL PASSING THE NO. 200 SIEVE. SOIL NOT HAVING THE MIN. R-VALUE OF 50, SHALL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED BY THE CONTRACTOR WITH SUITABLE MATERIAL OR A PAVEMENT SHALL BE DESIGNED BY TIERRA WEST, LLC ACCOMMODATING THE EXISTING R-VALUE PER C.O.A. STANDARD SPECIFICATIONS.

2" ASPHALT CONCRETE TYPICAL FINISH COURSE PLACED AFTER ALL MANHOLES, VALVES, COVERS/RINGS ARE SET TO GRADE, 1800 LBS. 1500 LBS. STABILITY TYPE B GRADATION.

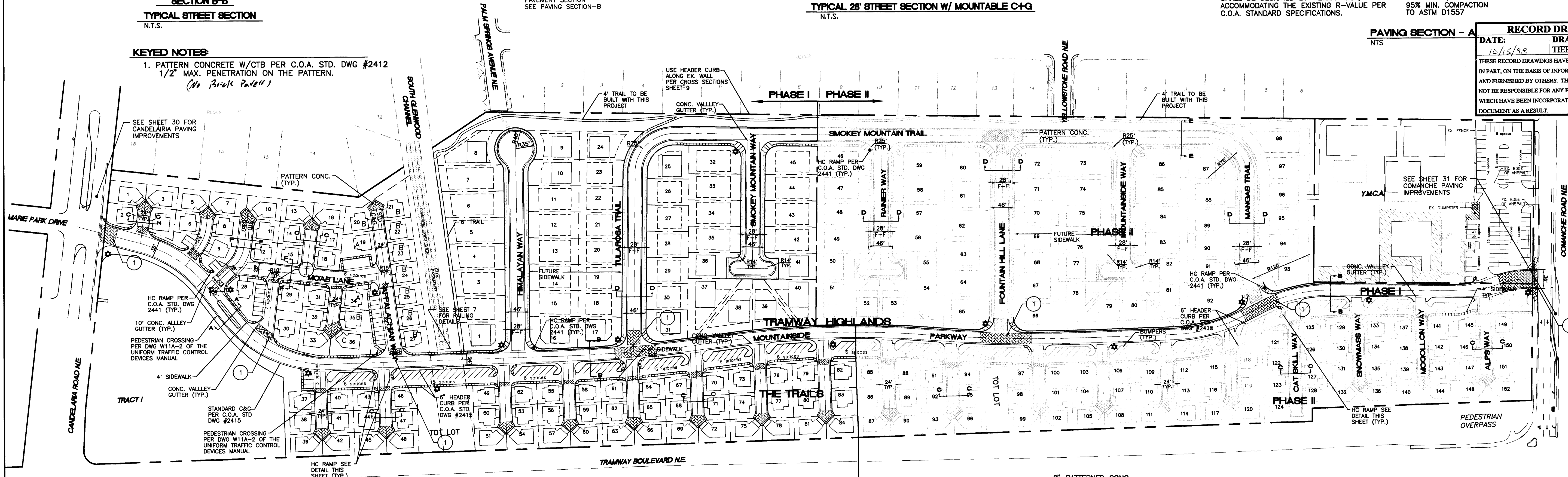
MOUNTABLE C&G OR STANDARD C&G PER C.O.A. STD DWG #2415 SEE P&P SHEETS

CONSTRUCTION JOINT 90% MIN. COMPACTION. 2-6" LIFTS, SUBGRADE SOIL 95% MIN. COMPACTION TO ASTM D1557

COMPACTED SUBGRADE TO 90% ASTM D1557

KEY NOTES:

1. PATTERN CONCRETE W/CTB PER C.O.A. STD. DWG #2412 1/2" MAX. PENETRATION ON THE PATTERN.
(No Buck Pattern)



RECORD DRAWING
DATE: 10/15/93
DRAFTED BY: R.W. TIERRA WEST DEV.
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.

PAVING SECTION - A N.T.S.

TACK COAT AS REQUIRED BY THE ENGINEER BETWEEN ALL ASPHALT/AGGREGATE MATERIAL LIFTS.

1-8" ASPHALT CONCRETE, 1500 LBS. STABILITY, TYPE B GRADATION.

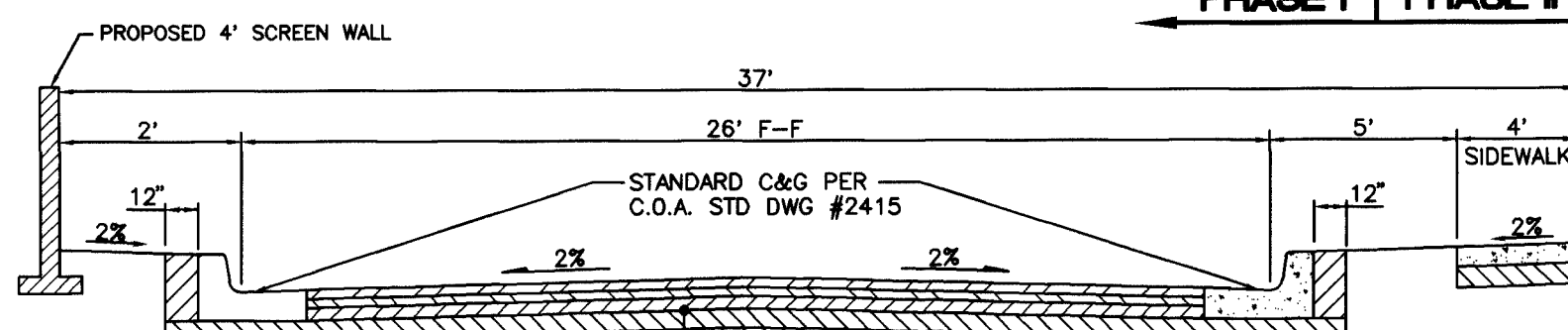
FINISH SURFACE OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT COMPACTION MOISTURE RANGE, OR PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/FINAL SURFACE IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION IS COMPLETED.

1" SUBGRADE SOIL, R-VALUE>50. PLACED IN 2-6" COMPACTED LIFTS. 95% MIN. COMPACTION, AT OPT. MOISTURE, TO +4% ASTM D1557, OR OPT. MOISTURE, TO +4% ASTM D698 FOR SOIL W/35% OR MORE MATERIAL PASSING THE NO. 200 SIEVE. SOIL NOT HAVING THE MIN. R-VALUE OF 50, SHALL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED BY THE CONTRACTOR WITH SUITABLE MATERIAL OR A PAVEMENT SHALL BE DESIGNED BY TIERRA WEST, LLC ACCOMMODATING THE EXISTING R-VALUE PER C.O.A. STANDARD SPECIFICATIONS.

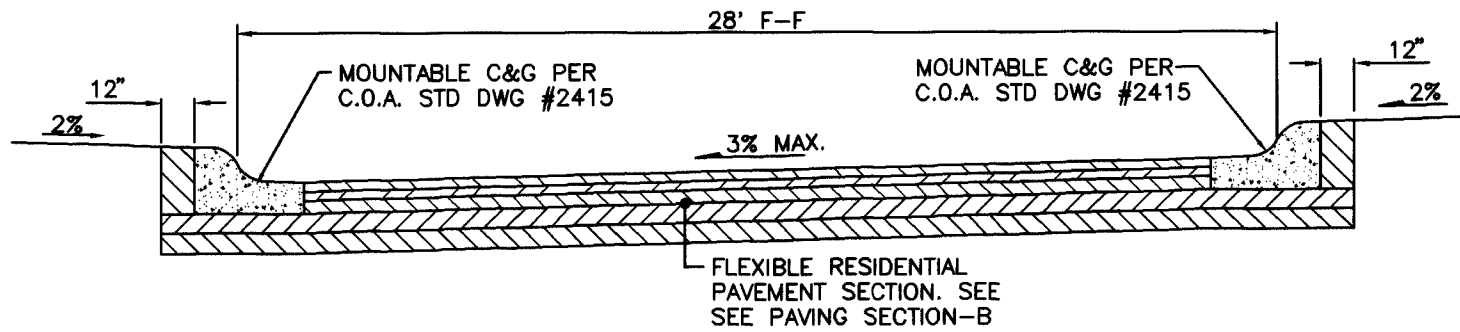
MOUNTABLE C&G OR STANDARD C&G PER C.O.A. STD DWG #2415 SEE P&P SHEETS

CONSTRUCTION JOINT 90% MIN. COMPACTION. 2-6" LIFTS, SUBGRADE SOIL 95% MIN. COMPACTION TO ASTM D1557

PAVING SECTION - B N.T.S.



SECTION E-E
TYPICAL 28' STREET SECTION
N.T.S.



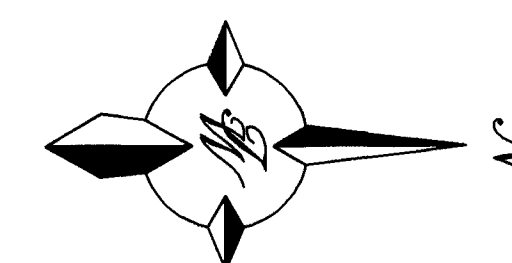
SECTION F-F
TYPICAL 28' STREET SECTION
N.T.S.

NOTES:

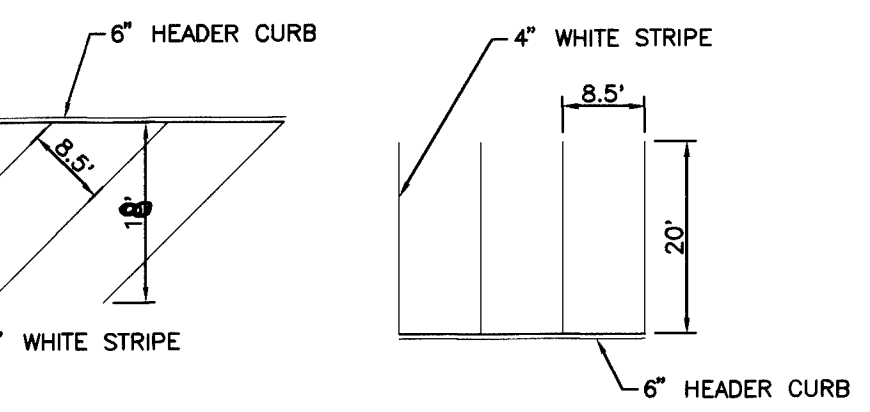
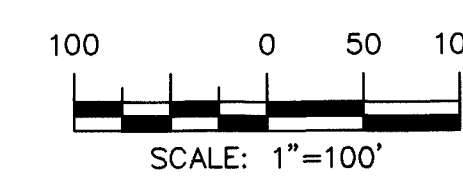
1. ALL HC RAMP ARE TO BE CASE I AS PER C.O.A. STD. DWG 2441.
2. ALL CONCRETE VALLEY GUTTERS ARE TO BE PER C.O.A. STD DWG 2420.
3. ALL CONCRETE ALLEY GUTTERS ARE TO BE PER C.O.A. STD DWG 2415.
4. SEE PAVING PLAN & PROFILE SHEETS FOR LOCATION OF STANDARD C&G AND MOUNTABLE C&G
5. SCREENED AREA IS TO BE BUILT AS PART OF PHASE II
6. ALL STANDARD C&G WILL BE BUILT W/1" GUTTER INSTEAD OF 2" GUTTER

LEGEND

BOUNDARY	---
LOT LINES	----
PROPOSED SIDEWALK	=====
FUTURE SIDEWALK	-----
EXIST. EASEMENT	----
EXIST. CURB	----
SETBACK	----
PROPOSED STREET LIGHTS	*
PROPOSED PATTERN CONC.	=====



GRAPHIC SCALE



PARKING SPACE DETAILS N.T.S.

8" PATTERNED CONC. 1/2" MAX. PENETRATION ON PATTERN

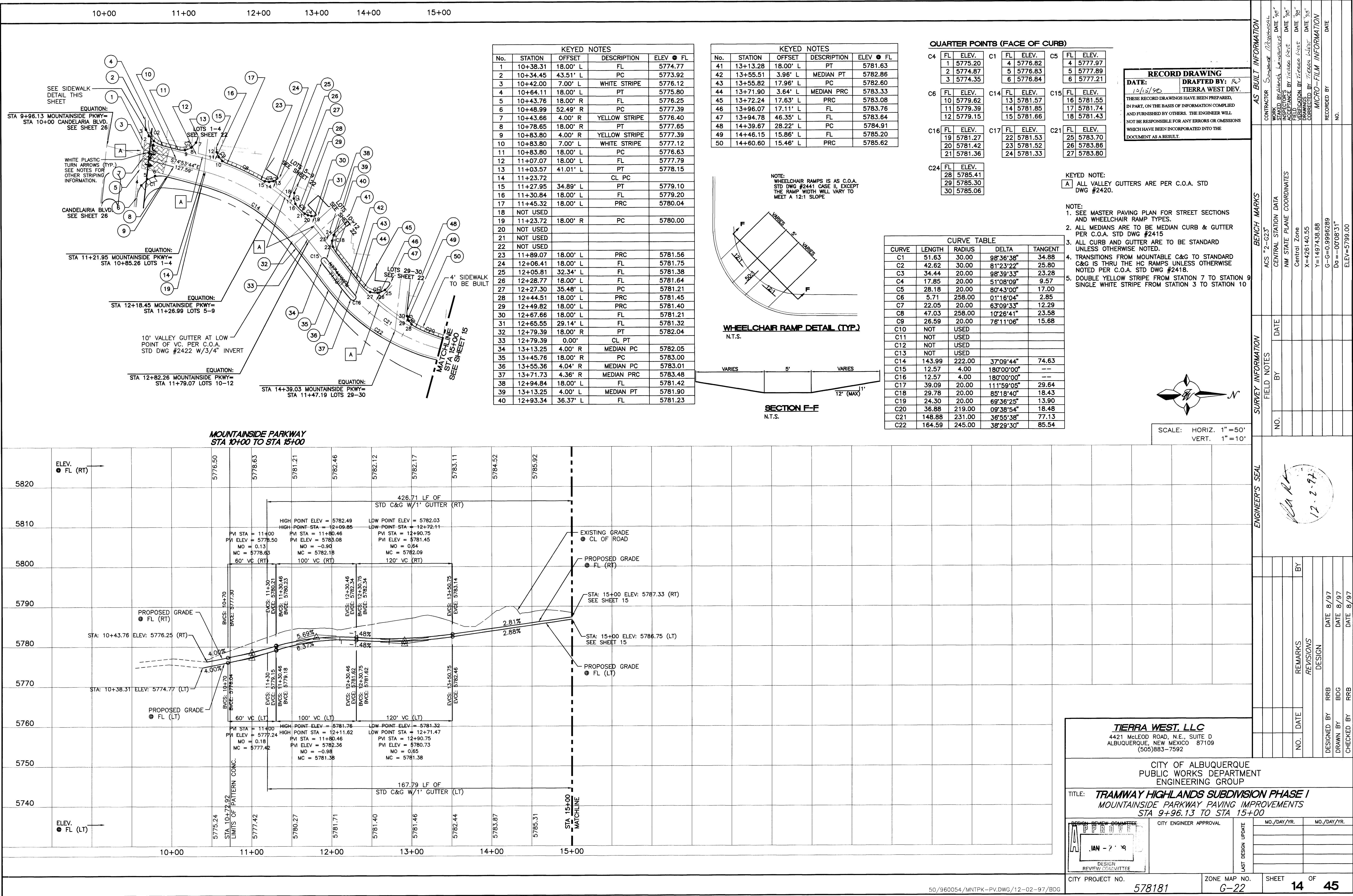
1" SUBGRADE SOIL, R-VALUE>50. PLACED IN 2-6" COMPACTED LIFTS. 95% MIN. COMPACTION, AT OPT. MOISTURE, TO +4% ASTM D1557, OR OPT. MOISTURE, TO +4% ASTM D698 FOR SOIL W/35% OR MORE MATERIAL PASSING THE NO. 200 SIEVE. SOIL NOT HAVING THE MIN. R-VALUE OF 50, SHALL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED BY THE CONTRACTOR WITH SUITABLE MATERIAL OR A PAVEMENT SHALL BE DESIGNED BY TIERRA WEST, LLC ACCOMMODATING THE EXISTING R-VALUE PER C.O.A. STANDARD SPECIFICATIONS.

PATTERNED CONCRETE SECTION N.T.S. (FOR ALL STUB STREETS)

TIERRA WEST, LLC
4421 MCLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP
TITLE: **TRAMWAY HIGHLANDS SUBDIVISION PHASE I**
MASTER PAVING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
JAN - 2 1993			
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
578181	G-22	13	45

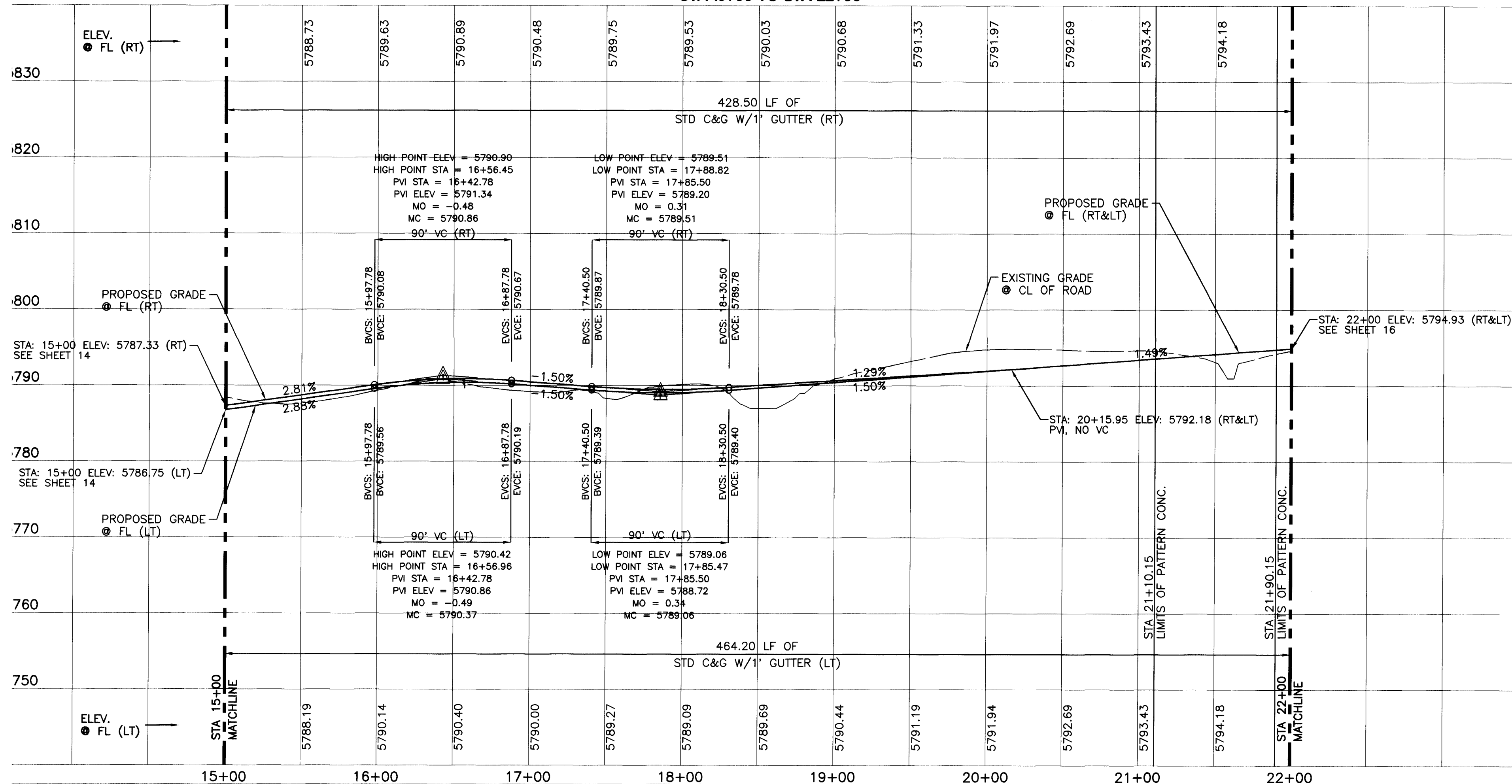
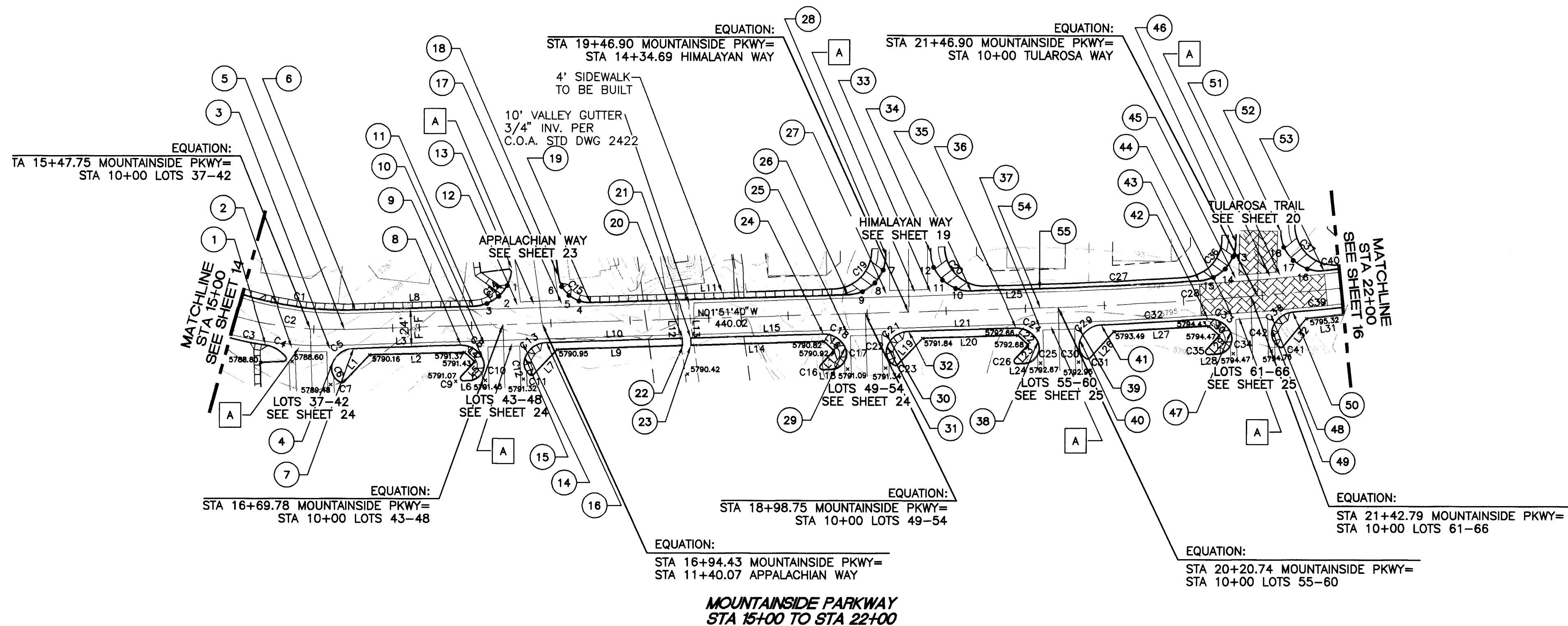


15+00 16+00 17+00 18+00 19+00 20+00 21+00 22+00

QUARTER POINTS (FACE OF CURB)

C14	FL	ELEV.	C15	FL	ELEV.	C19	FL	ELEV.
1		5789.85	4		5789.76	7		5790.81
2		5790.40	5		5790.00	8		5790.67
3		5790.36	6		5789.57	9		5790.44

C20	FL	ELEV.	C36	FL	ELEV.	C37	FL	ELEV.
10		5791.24	13		5794.19	16		5794.56
11		5791.21	14		5793.98	17		5794.54
12		5791.17	15		5793.77	18		5794.52



KEYED NOTES				
No.	STATION	OFFSET	DESCRIPTION	ELEV. @ FL
1	15+21.72	13.26' R	PRC	5787.94
2	15+37.43	12.78' R	FL	5788.38
3	15+60.25	12.19' R	FL	5789.02
4	15+62.10	20.21' R	PCC	5789.19
5	15+69.34	0.00	CL PT	
6	15+76.74	12.00' L	PT	5788.96
7	15+74.78	12.00' R	PT	5789.43
8	16+42.78	12.00' R	PC	5790.86
9	16+56.55	21.06' R	PCC	5791.12
10	16+57.78	12.00' R	FL	5790.90
11	16+51.32	12.00' L	PC	5790.41
12	16+79.09	12.00' L	FL	5790.30
13	16+76.28	35.51' L	FL	5789.40
14	16+81.78	12.00' R	FL	5790.75
15	16+83.03	21.00' R	PCC	5790.98
16	16+96.78	12.00' R	PT	5790.53
17	17+07.25	12.00' L	FL	5789.89
18	17+05.36	29.91' L	PC	5789.24
19	17+25.25	12.00' L	PT	5789.62
20	17+83.00	12.00' R	FL	5789.52
21	17+88.00	12.00' R	FL	5789.51
22	17+83.00	17.00' R	FL	5790.44
23	17+88.00	17.00' R	FL	5790.43
24	18+71.75	12.00' R	PC	5790.32
25	18+86.75	12.00' R	FL	5790.51
26	18+87.93	12.00' L	PC	5790.26
27	19+12.34	12.00' L	FL	5790.62
28	19+12.92	36.40' L	PT	5791.00
29	18+85.50	21.00' R	PCC	5790.74
30	19+10.75	12.00' R	FL	5790.82
31	19+12.01	21.00' R	PCC	5791.02
32	19+25.75	12.00' R	PT	5791.01
33	19+40.35	12.00' L	FL	5791.04
34	19+40.96	37.60' L	PC	5791.30
35	20+08.74	12.00' L	PT	5791.43
36	19+93.74	12.00' R	PC	5791.89
37	20+08.74	12.00' R	FL	5792.09
38	20+07.49	21.00' R	PCC	5792.32
39	20+32.64	12.00' R	FL	5792.43
40	20+33.68	21.16' R	PCC	5792.63

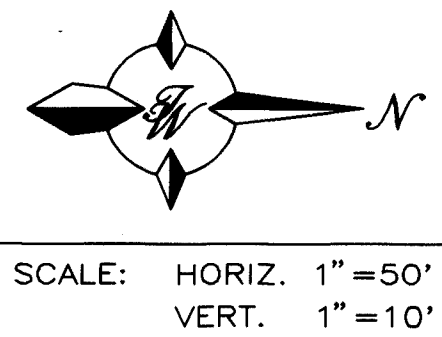
KEYED NOTES				
No.	STATION	OFFSET	DESCRIPTION	ELEV. @ FL
41	20+47.37	12.00' R	PRC	5792.65
42	21+14.72	12.00' R	PRC	5793.65
43	21+10.73	12.00' L	PRC	5793.60
44	21+30.24	12.00' R	FL	5793.89
45	21+33.91	12.00' L	FL	5793.94
46	21+35.97	34.88' L	PT	5794.31
47	21+28.49	21.32' R	PCC	5794.12
48	21+54.17	12.00' R	PC	5794.24
49	21+54.22	22.06' R	FL	5794.44
50	21+68.26	12.00' R	PRC	5794.45
51	21+62.15	12.00' L	FL	5794.36
52	21+64.94	39.61' L	PC	5794.68
53	21+90.15	12.00' L	PRC	5794.78
54	20+09.36	0.00'	CL PC	
55	20+09.36	12.00' L	FL	5792.08

- KEYED NOTE:
A ALL VALLEY GUTTERS ARE PER C.O.A. STD DWG #2420.
- NOTE:
1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE STANDARD UNLESS OTHERWISE NOTED.
3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMPS UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2418.

LINE TABLE		
LINE	LENGTH	BEARING
L1	23.49	N46°37'10"W
L2	60.10	N01°37'10"W
L3	68.00	S01°51'40"E
L4	8.50	N43°22'50"E
L5	12.13	S46°37'10"E
L6	3.55	N01°37'10"W
L7	21.76	N46°51'40"W
L8	74.58	N01°51'40"W
L9	79.34	N01°51'40"W
L10	86.23	S01°51'40"E
L11	162.68	S01°51'40"E
L12	5.00	N88°08'20"E
L13	5.00	N88°08'20"E
L14	83.95	N01°51'40"W
L15	83.75	S01°51'40"E
L16	8.50	N43°08'20"E
L17	12.13	S46°51'40"E
L18	5.53	N01°51'40"W
L19	22.98	N46°51'40"W
L20	60.10	N01°51'40"W
L21	67.99	S01°51'40"E
L22	8.50	N43°08'20"E
L23	12.13	S46°51'40"E
L24	4.70	N01°51'40"W
L25	43.41	S01°51'40"E
L26	22.58	S48°17'03"E
L27	60.10	S03°17'03"E
L28	5.52	S03°17'03"E
L29	12.13	N48°17'03"W
L30	8.50	S41°42'57"W
L31	23.55	N05°47'46"W
L32	22.92	N50°47'45"W

CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	72.81	219.00	19°02'56"	219.00
C2	69.34	231.00	17°11'53"	231.00
C3	23.00	245.00	05°22'44"	245.00
C4	15.38	20.00	44°03'57"	20.00
C5	16.37	15.00	62°32'37"	15.00
C6	15.93	10.00	91°16'15"	10.00
C7	2.48	2.00	70°56'39"	2.00
C8	17.45	15.00	66°59'53"	15.00
C9	4.71	2.00	135°00'09"	2.00
C10	19.82	10.00	113°34'37"	10.00
C11	3.03	2.00	86°44'30"	2.00
C12	12.54	10.00	71°50'12"	10.00
C13	17.39	15.00	66°25'19"	15.00
C14	35.19	25.00	80°38'27"	25.00
C15	29.32	20.00	83°59'23"	20.00
C16	4.71	2.00	135°00'00"	2.00
C17	19.82	10.00	113°34'41"	10.00
C18	17.39	15.00	66°25'19"	15.00
C19	38.67	25.00	88°37'49"	25.00
C20	39.87	25.00	91°22'11"	25.00
C21	17.39	15.00	66°25'18"	15.00
C22	14.36	10.00	82°15'22"	10.00
C23	2.66	2.00	76°19'20"	2.00
C24	17.39	15.00	66°25'19"	15.00
C25	19.82	10.00	113°34'41"	10.00
C26	4.71	2.00	135°00'00"	2.00
C27	100.92	2727.99	02°07'11"	2727.99
C28	190.64	2739.99	03°59'11"	2739.99
C29	17.52	15.00	66°56'26"	15.00
C30	13.62	10.00	78°03'26"	10.00
C31	2.81	2.00	80°37'48"	2.00
C32	67.65	2753.93	01°24'27"	2753.93
C33	17.70	15.00	67°37'22"	15.00
C34	19.75	10.00	113°09'24"	10.00
C35	4.71	2.00	135°00'04"	2.00
C36	37.26	25.00	85°24'01"	25.00
C37	42.00	25.00	96°15'36"	25.00
C38	18.49	15.00	70°36'30"	15.00
C39	31.88	2751.26	00°39'50"	2751.26
C40	9.80	2727.99	00°12'21"	2727.99
C41	2.74	2.00	78°37'12"	2.00
C42	13.33	10.00	76°23'02"	10.00

RECORD DRAWING
DATE: 10/15/98
DRAFTED BY: RWD
TIERRA WEST DEV.
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPLIED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.

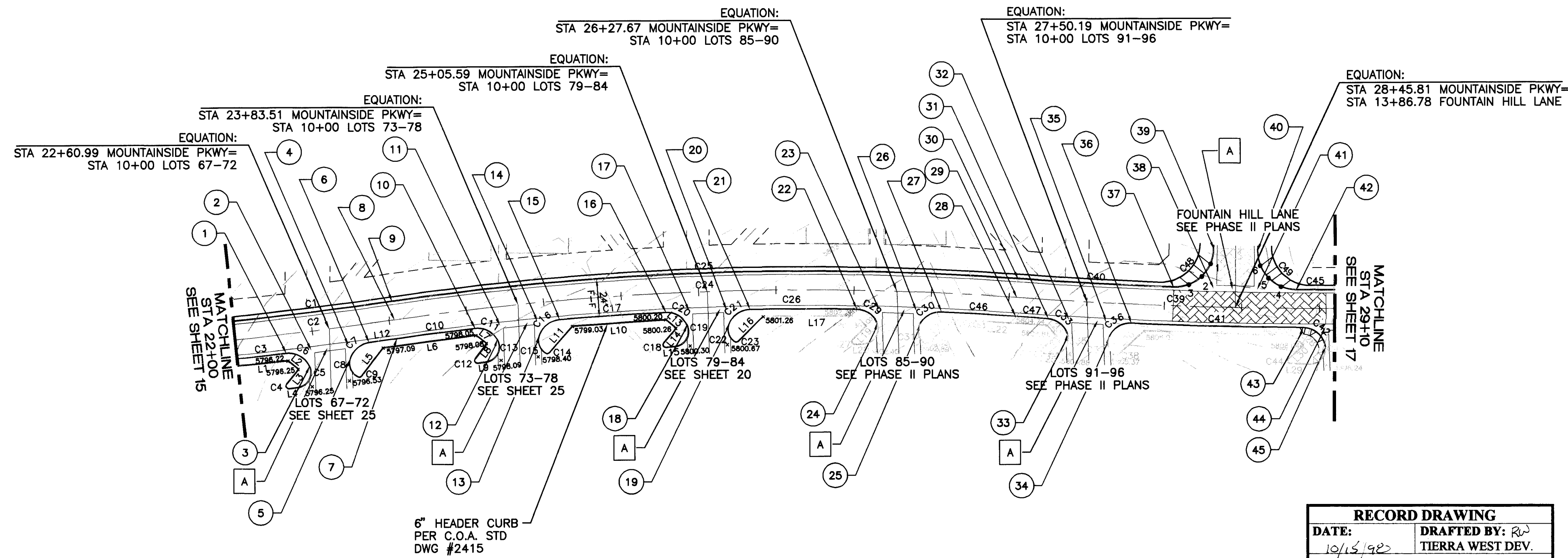


TIERRA WEST, LLC
4421 McLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP
TITLE: **TRAMWAY HIGHLANDS SUBDIVISION PHASE I**
MOUNTAINSIDE PARKWAY PAVING IMPROVEMENTS
STA 15+00 TO STA 22+00

DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL		LAST DESIGN UPDATE	
APPROVE	IAN - 2 '9			MO./DAY/YR.	MO./DAY/YR.
DESIGN REVIEW COMMITTEE					

SCANNED BY
BY LASON



KEYED NOTES				
No.	STATION	OFFSET	DESCRIPTION	ELEV @ FL
41	28+59.70	12.00' L	FL	5806.37
42	28+84.82	12.00' L	PRC	5806.87
43	28+89.71	12.00' R	PRC	5806.97
44	29+04.04	12.00' R	FL	5807.26
45	29+04.36	24.47' R	PCC	5807.76

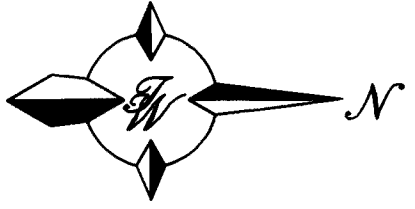
NOTE:

1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE STANDARD UNLESS OTHERWISE NOTED.
3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMP UNLESS OTHERWISE NOTED PER C.O.A. SD DWG #2418.

QUARTER POINTS (FACE OF CURB)

C48	FL	ELEV.	C49	FL	ELEV.
	1	5806.01		4	5806.62
	2	5805.91		5	5806.55
	3	5805.55		6	5806.48

LINE TABLE		
LINE	LENGTH	BEARING
L1	32.45	N05°47'46"W
L2	8.50	N39°12'14"E
L3	12.13	S50°47'46"E
L4	5.40	N05°47'46"W
L5	22.71	S52°31'14"E
L6	60.10	N07°31'14"W
L7	8.50	S37°28'46"W
L8	12.13	N52°31'14"W
L9	5.49	S07°31'14"E
L10	60.24	N03°51'17"W
L11	22.56	S48°51'17"E
L12	18.10	N07°53°09"W
L13	8.41	S41°08'43"W
L14	12.13	N48°51'17"W
L15	5.47	S03°51'17"E
L16	22.60	S44°57'20"E
L17	59.98	N00°02'40"E
L18	8.59	S45°02'40"W
L19	12.13	N44°57'20"W
L20	5.46	S00°02'40"W
L21	22.80	S41°14'37"E
L22	59.73	S03°45'23"W
L23	8.77	S48°45'23"W
L24	12.13	N41°14'37"W
L25	5.47	S03°45'23"W
L26	22.83	S42°51'06"E
L27	96.17	N20°08°54"E
L28	8.52	N43°41'43"E
L29	12.53	N20°08°54"E
L30	12.64	S42°51'06"E



SCALE: HORIZ. 1"=50'
VERT. 1"=10'

TIERRA WEST, LLC
4421 McLEOD ROAD, N.E., SUITE
ALBUQUERQUE, NEW MEXICO 87
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

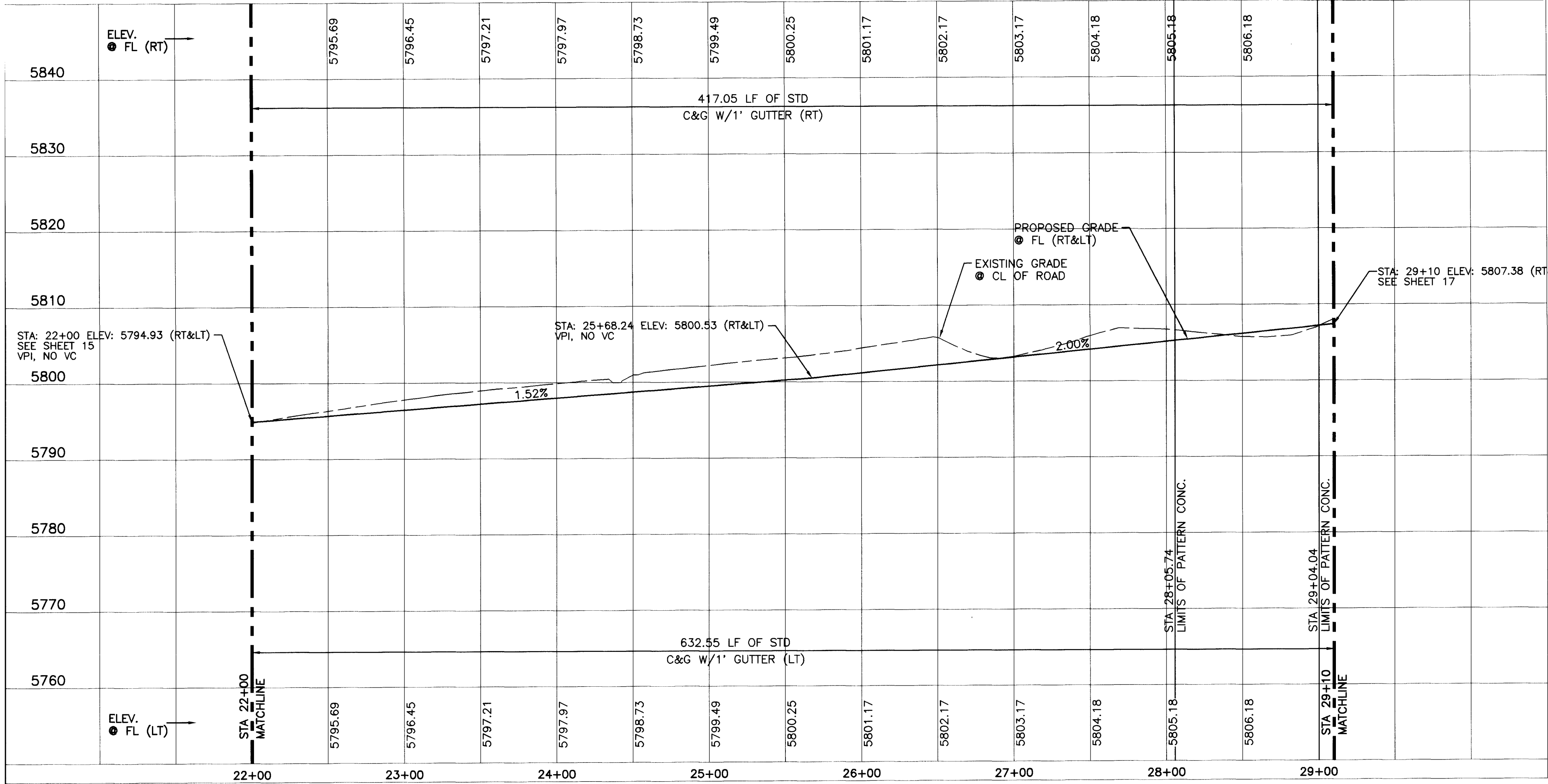
TITLE: **TRAMWAY HIGHLANDS SUBDIVISION**
MOUNTAINSIDE PARKWAY PAVING IMPROVEMENTS
STA 22+00 TO STA 29+10

DESIGN REVIEW COMMITTEE  DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE <table> <tr> <th>MO./DAY/YR.</th> <th>MO./DAY/YR.</th> </tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table>	MO./DAY/YR.	MO./DAY/YR.								
	MO./DAY/YR.		MO./DAY/YR.									

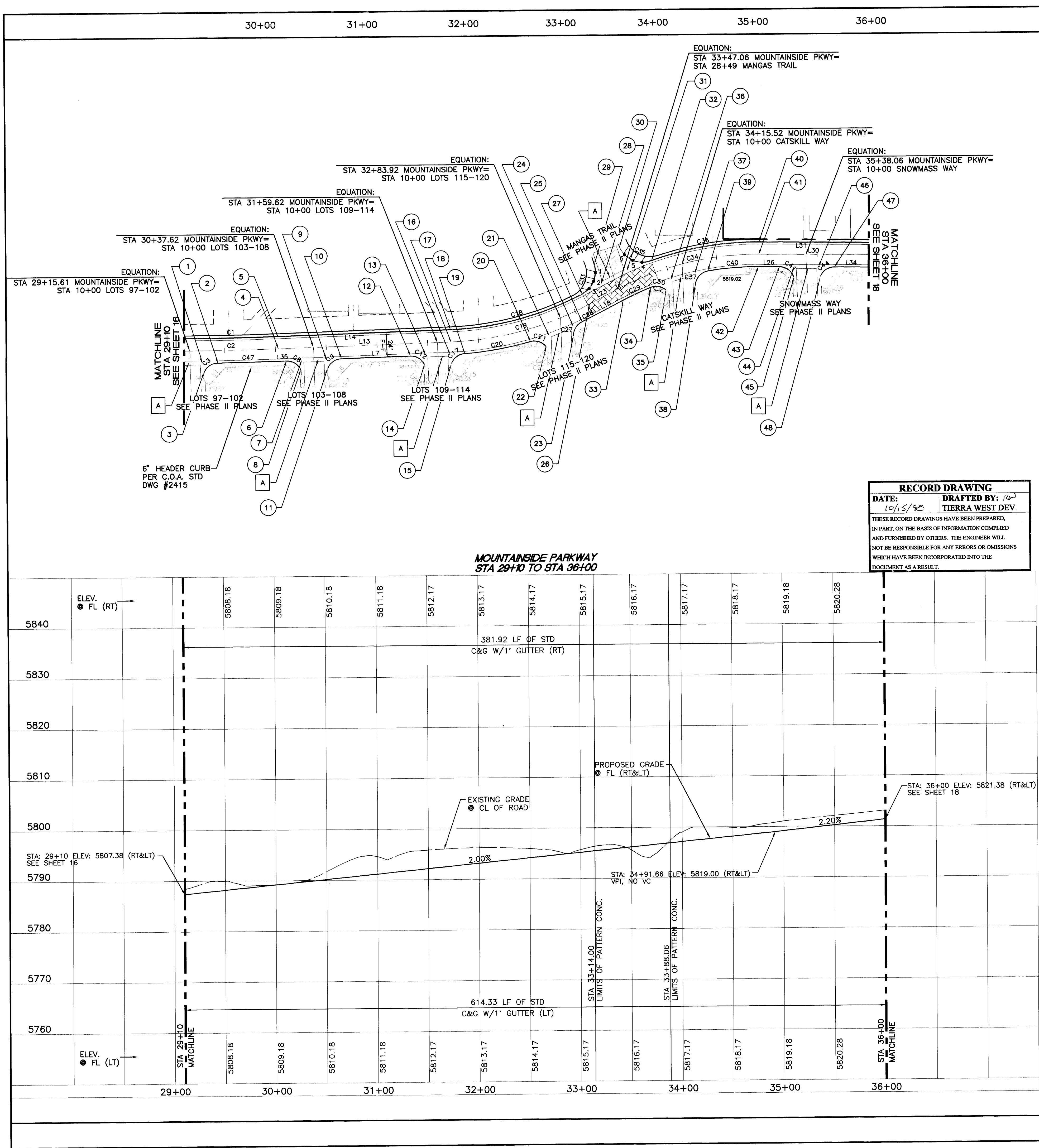
CITY PROJECT NO. 578181	ZONE MAP NO. G-22	SHEET 16 OF 45
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CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	102.86	2727.99	02°09'37"	51.44
C2	103.33	2739.99	02°09'39"	51.67
C3	31.81	2751.26	00°39'45"	15.90
C4	4.71	2.00	134°59'44"	4.83
C5	19.24	10.00	110°15'08"	14.35
C6	18.47	15.00	70°32'51"	10.61
C7	17.37	15.00	66°19'54"	9.80
C8	13.88	10.00	79°29'55"	8.32
C9	2.75	2.00	78°48'16"	1.64
C10	50.58	1834.22	01°34'48"	25.29
C11	16.96	15.00	64°46'19"	9.51
C12	4.71	2.00	135°00'01"	4.83
C13	19.94	10.00	114°13'19"	15.46
C14	2.80	2.00	80°11'04"	1.68
C15	13.33	10.00	76°22'02"	7.86
C16	17.67	15.00	67°29'35"	10.02
C17	68.59	1834.22	02°08'34"	34.30
C18	4.71	2.00	134°59'57"	4.83
C19	19.91	10.00	114°05'49"	15.43
C20	16.94	15.00	64°42'56"	9.50
C21	17.04	15.00	65°04'21"	9.57
C22	13.80	10.00	79°03'45"	8.25
C23	2.79	2.00	79°51'15"	1.67
C24	401.68	1846.22	122°57'57"	201.64
C25	404.29	1858.22	122°57'57"	202.95
C26	68.60	1834.22	02°08'34"	34.30
C27	4.71	2.00	134°59'48"	4.83
C28	19.90	10.00	114°01'09"	15.40
C29	16.98	15.00	64°50'55"	9.53
C30	16.64	15.00	63°34'19"	9.30
C31	14.40	10.00	82°31'14"	8.77
C32	2.72	2.00	78°01'17"	1.62
C33	17.32	15.00	66°09'29"	9.77
C34	4.71	2.00	135°00'28"	4.83
C35	19.84	10.00	113°39'41"	15.30
C36	17.74	15.00	67°44'47"	10.07
C37	14.00	10.00	80°11'30"	8.42
C38	2.71	2.00	77°43'56"	1.61
C39	204.98	2739.99	04°17'11"	102.54
C40	100.28	2727.99	02°06'22"	50.15
C41	110.68	2733.25	02°19'13"	55.35
C42	20.98	15.00	80°09'19"	12.62
C43	17.71	10.00	101°29'40"	12.24
C44	4.71	2.00	135°00'00"	4.83
C45	25.12	2727.99	00°31'39"	12.56
C46	47.81	1834.22	01°29'36"	23.90
C47	20.88	2751.99	00°26'05"	10.44
C48	39.99	25.00	91°38'48"	25.73
C49	39.27	25.00	90°00'25"	25.00

SCANNED BY 50/960054/MNTPK-PV2.DWG/12-01-97/BDG



RECORD DRAWING	
DATE: 10/15/98	DRAFTED BY: RW TIERRA WEST DEV.
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.	



KEYED NOTES				
No.	STATION	OFFSET	DESCRIPTION	ELEV. ● FL
1	29+27.95	12.00' R	FL	5807.74
2	29+43.21	12.00' R	PRC	5808.04
3	29+29.50	21.20' R	PCC	5808.11
4	30+03.09	0.00'	CL PT	
5	30+03.09	12.00' L	PT	5809.24
6	30+10.62	12.00' R	PRC	5809.39
7	30+25.63	12.00' R	FL	5809.69
8	30+24.43	21.14' R	PCC	5810.06
9	30+49.63	12.00' R	FL	5810.17
10	30+64.41	12.00' R	PT	5810.47
11	30+50.88	21.00' R	PCC	5810.53
12	31+32.62	12.00' R	PC	5811.83
13	31+47.62	12.00' R	FL	5812.13
14	31+46.37	21.00' R	PCC	5812.49
15	31+72.69	21.19' R	PCC	5812.89
16	31+71.62	12.00' R	FL	5812.61
17	31+73.09	0.00'	CL PC	
18	31+73.09	12.00' L	PC	5812.64
19	31+85.55	12.00' R	PRC	5812.89
20	32+48.89	12.00' R	PRC	5814.15
21	32+67.49	12.00' R	FL	5814.52
22	32+61.73	21.19' R	PCC	5814.94
23	32+88.54	21.31' R	PCC	5815.38
24	32+92.01	12.00' R	FL	5815.01
25	33+01.43	12.00' R	PCC	5815.20
26	33+15.67	0.00'	CL PT	
27	33+14.00	12.00' L	PRC	5815.45
28	33+34.97	12.00' L	FL	5815.87
29	33+38.60	32.65' L	PT	5816.14
30	33+65.84	36.58' L	PC	5816.69
31	33+62.69	12.00' L	FL	5816.42
32	33+88.06	12.00' L	PRC	5816.93
33	33+47.12	12.00' R	PC	5816.11
34	33+77.91	12.00' R	PRC	5816.73
35	33+92.14	19.68' R	PCC	5817.55
36	33+99.87	12.00' R	FL	5817.17
37	34+25.55	12.00' R	FL	5817.68
38	34+23.28	23.52' R	PCC	5818.15
39	34+39.25	12.00' R	PRC	5817.95
40	34+91.66	12.00' L	PT	5819.00

KEYED NOTES				
No.	STATION	OFFSET	DESCRIPTION	ELEV. ● FL
41	34+91.66	0.00'	CL PT	
42	34+91.66	12.00' R	PT	5819.00
43	35+12.21	12.00' R	PC	5819.45
44	35+26.57	12.00' R	FL	5819.77
45	35+26.50	22.45' R	PCC	5820.19
46	35+50.59	12.00' R	FL	5820.30
47	35+66.26	12.00' R	PT	5820.64
48	35+52.51	21.00' R	PCC	5820.66

KEYED NOTE:
[A] ALL VALLEY GUTTERS ARE PER C.O.A. STD DWG #2420.

NOTE:
1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE STANDARD UNLESS OTHERWISE NOTED.
3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMPS UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2418.

QUARTER POINTS (FACE OF CURB)		
C33	FL	ELEV.
1	5815.93	
2	5815.92	
3	5815.66	
C35	FL	ELEV.
4	5816.68	
5	5816.63	
6	5816.58	

LINE TABLE		
LINE	LENGTH	BEARING
L1	22.32	S46°18'17"E
L2	60.10	S01°18'17"E
L3	8.50	N43°41'43"E
L4	12.13	S46°18'17"E
L5	5.86	S01°18'17"E
L6	23.55	S46°51'40"E
L7	68.22	S01°51'40"E
L8	60.10	S01°51'40"E
L9	8.50	N43°08'20"E
L10	12.13	S46°51'40"E
L11	3.55	N01°51'40"W
L12	22.38	S54°58'06"E
L13	170.00	N01°51'40"W
L14	170.00	S01°51'40"E
L15	60.29	S10°08'46"E
L16	8.50	S35°03'54"W
L17	10.74	N54°56'06"W
L18	35.17	S27°36'31"E
L19	72.12	N26°15'33"W
L20	3.54	N26°15'33"W
L21	12.13	S71°15'33"E
L22	8.50	N18°44'27"E
L23	31.45	N27°36'31"W
L24	24.00	S48°31'01"E
L25	60.10	S03°31'01"E
L26	20.55	N00°37'08"E
L27	3.14	S03°31'01"E
L28	12.13	N48°31'01"W
L29	8.50	S41°28'59"W
L30	108.34	N00°37'08"E
L31	108.34	S00°37'08"W
L32	23.57	S44°22'52"E
L33	23.62	S00°37'08"E
L34	33.74	S00°37'08"W
L35	7.53	S01°51'40"E
L36	20.20	N71°15'33"W

CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	92.64	2727.99	01°56'45"	46.33
C2	93.09	2739.99	01°56'48"	46.55
C3	17.57	15.00	67°07'36"	9.95
C4	13.32	10.00	76°20'12"	7.86
C5	2.87	2.00	82°13'56"	1.75
C6	4.71	2.00	135°00'00"	4.83
C7	19.82	10.00	113°34'20"	15.27
C8	17.54	15.00	66°59'02"	9.93
C9	17.39	15.00	66°25'19"	9.82
C10	15.42	10.00	88°22'34"	9.72
C11	2.45	2.00	70°12'07"	1.41
C12	17.39	15.00	66°25'19"	9.82
C13	4.71	2.00	135°00'00"	4.83
C14	19.82	10.00	113°34'41"	15.28
C15	2.00	2.00	57°18'37"	1.09
C16	18.75	10.00	107°26'49"	13.62
C17	17.29	15.00	66°01'05"	9.75
C18	135.51	301.16	25°46'51"	68.92
C19	142.57	313.16	26°05'06"	72.54
C20	65.76	325.65	11°34'15"	32.99
C21	17.28	15.00	66°00'25"	9.74
C22	19.76	10.00	113°12'37"	15.17
C23	2.66	348.16	00°26'15"	1.33
C24	4.93	2.00	141°07'50"	5.67
C25	3.41	1.99	98°20'10"	2.30
C26	10.86	10.12	61°28'44"	6.02
C27	17.41	15.00	66°31'11"	9.84
C28	10.99	325.16	01°56'10"	5.49
C29	29.54	281.39	06°00'50"	14.78
C30	16.28	15.00	62°10'14"	9.04
C31	19.75	10.00	113°09'54"	15.16
C32	4.71	2.00	134°59'48"	4.83
C33	34.89	25.00	79°58'08"	20.97
C34	144.55	293.40	28°13'39"	73.77
C35	37.91	25.00	86°52'42"	23.67
C36	107.84	305.40	20°13'57"	54.49
C37	20.46	15.00	78°09'45"	12.18
C38	13.36	10.00	76°33'06"	7.89
C39	2.24	2.00	64°11'29"	1.25
C40	50.27	281.52	10°13'52"	25.20
C41	18.94	15.00	72°21'34"	10.97
C42	18.06	10.00	103°30'17"	12.69
C43	4.71	2.00	134°59'52"	4.83
C44	17.39	15.00	66°25'19"	9.82
C45	15.47	10.00	88°36'36"	9.76
C46	2.44	2.00	69°58'05"	1.40
C47	60.15	2751.99	01°15'08"	30.07

TIERRA WEST, LLC
4421 McLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **TRAMWAY HIGHLANDS SUBDIVISION PHASE I**
MOUNTAINSIDE PARKWAY PAVING IMPROVEMENTS
STA 29+10 TO STA 36+00

DESIGN REVIEW COMMITTEE
APPROVED
JAN - 2019

CITY ENGINEER APPROVAL
[Signature]
DATE: 1/2-2-19

DESIGNED BY: RRB
DRAWN BY: BDG
CHECKED BY: RRB

DATE: 8/97
DATE: 8/97
DATE: 8/97

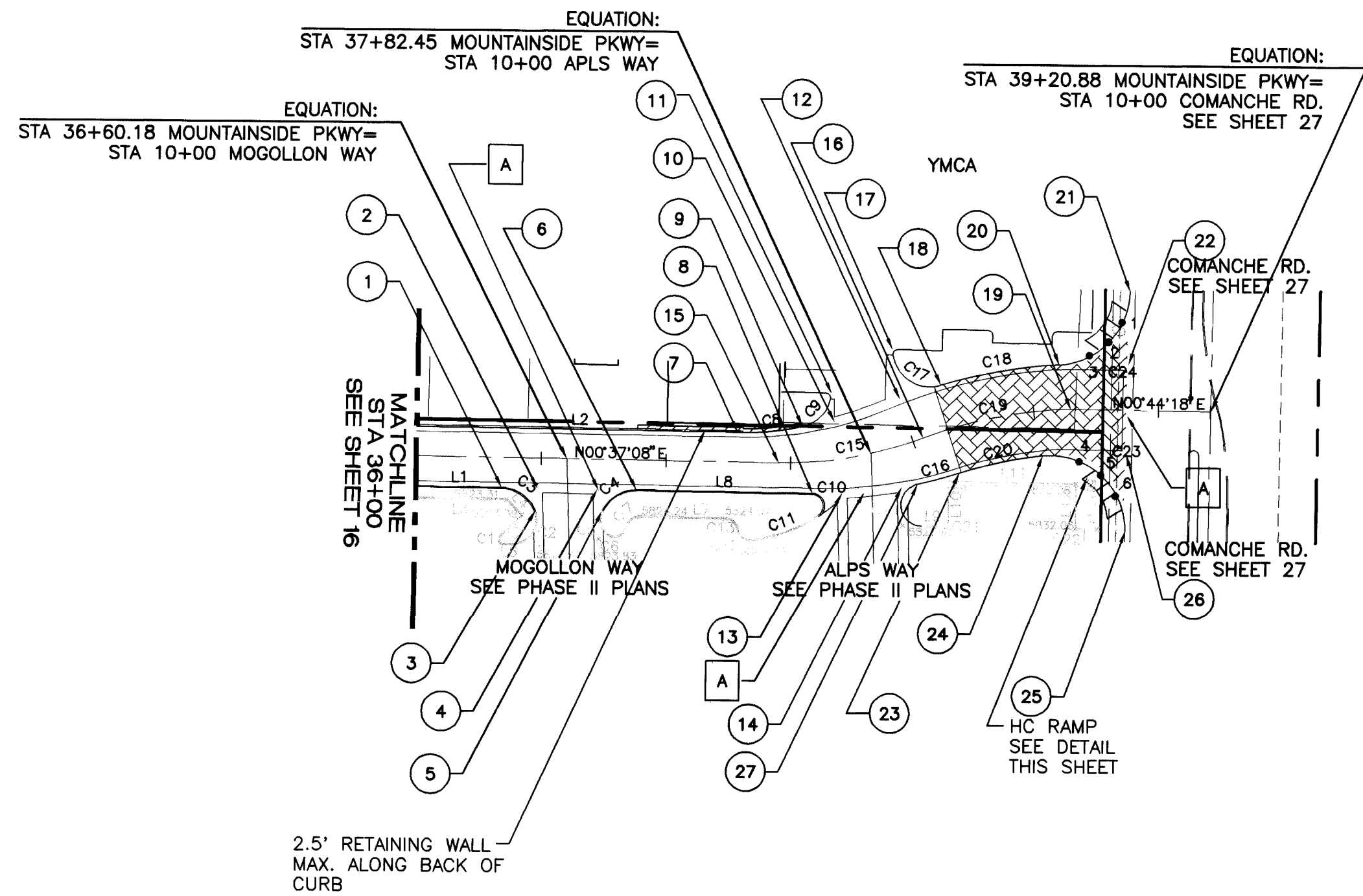
CITY PROJECT NO. **578181**

ZONE MAP NO. **G-22**

SHEET **17** OF **45**

RECORD DRAWING
DATE: 10/15/90 DRAFTED BY: [Signature]
TIERRA WEST DEV.
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPLIED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.

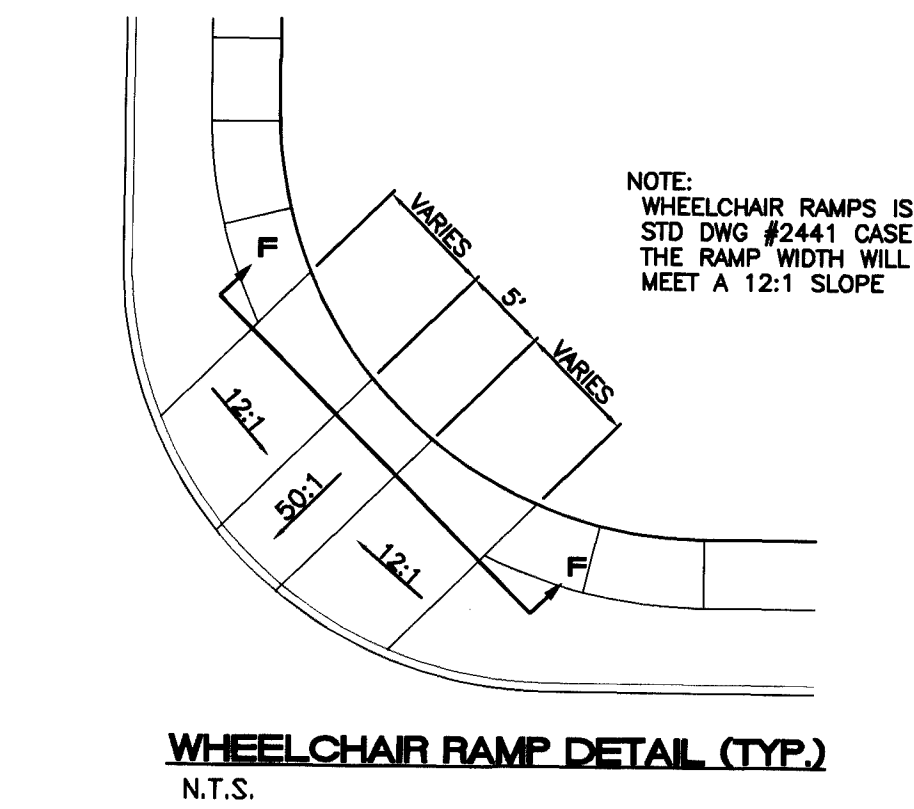
36+00 37+00 38+00 39+00 40+00 41+00



CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	4.71	2.00	135°00'00"	4.83
C2	19.82	10.00	113°34'41"	15.28
C3	17.39	15.00	66°25'19"	9.82
C4	16.92	15.00	64°37'22"	9.49
C5	10.15	8.00	72°40'15"	5.88
C6	10.68	5.00	122°21'46"	9.09
C7	6.95	5.00	79°39'24"	4.17
C8	23.88	100.00	13°40'55"	12.00
C9	16.53	15.00	63°09'16"	9.22
C10	12.67	5.00	145°13'41"	15.97
C11	29.38	61.00	27°35'54"	14.98
C12	7.76	5.00	88°54'14"	4.91
C13	7.13	5.00	81°43'49"	4.33
C14	24.75	8.50	166°51'21"	73.78
C15	59.18	156.00	21°44'14"	29.95
C16	17.18	174.00	05°39'25"	8.60
C17	25.49	15.00	97°21'54"	17.06
C18	48.26	200.00	13°49'29"	24.25
C19	60.41	182.00	19°01'08"	30.49
C20	34.36	164.00	12°00'11"	17.24
C21	3.14	2.00	90°00'00"	2.00
C22	3.14	2.00	89°52'50"	2.00
C23	50.75	30.00	96°55'03"	33.86
C24	45.02	30.00	85°58'35"	27.96

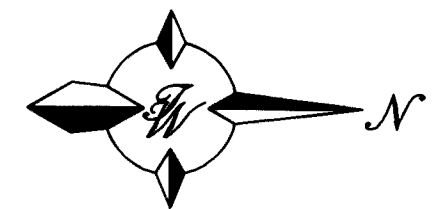
LINE TABLE		
LINE	LENGTH	BEARING
L1	34.30	S00°37'08"W
L2	130.78	S00°37'08"W
L3	36.46	S00°37'08"W
L4	8.50	S45°37'08"W
L5	12.13	N44°22'52"W
L6	3.57	S00°37'08"W
L7	34.27	N00°37'08"E
L8	70.59	S00°37'08"W
L9	8.58	S00°37'08"W
L10	16.00	S89°22'52"E
L11	51.00	S00°37'08"W
L12	15.99	S89°22'52"E

KEYED NOTES				
No.	STATION	OFFSET	DESCRIPTION	ELEV. @ FL
1	36+34.42	12.00' R	PC	5822.18
2	36+48.66	12.00' R	FL	5822.45
3	36+48.05	21.00' R	PCC	5822.83
4	36+72.69	12.00' R	FL	5822.98
5	36+74.82	20.57' R	PCC	5823.35
6	36+88.37	12.00' R	PRC	5823.34
7	37+30.78	12.00' L	PC	5827.09
8	37+57.95	12.56' R	PC	5825.65
9	37+55.38	14.54' L	PCC	5828.25
10	37+69.58	15.32' L	FL	5827.05
11	37+70.24	26.79' L	FL	5825.58
12	38+00.57	17.93' L	FL	5828.87
13	37+68.80	13.69' R	FL	5826.12
14	37+90.69	16.06' R	FL	5827.14
15	37+45.20	0.00'	CL PC	
16	38+04.39	0.00'	CL PRC	
17	38+05.20	37.72' L	FL	5828.15
18	38+17.12	18.00' L	PRC	5829.94
19	38+64.80	0.00'	CL PT	
20	38+61.04	18.00' L	PRC	5832.42
21	38+87.67	47.66' L	PT	5830.29
22	38+87.56	18.00' L	FL	5833.60
23	38+13.72	18.00' R	PRC	5828.24
24	38+51.84	18.00' R	PCC	5830.04
25	38+87.67	48.75' R	PT	5835.10
26	38+87.56	18.00' R	FL	5831.47
27	37+96.54	16.71' R	PRC	5827.42



SECTION F-F
N.T.S.

RECORD DRAWING
DATE: 10/15/98
DRAFTED BY: RGL
TIERRA WEST DEV.
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SCALE: HORIZ. 1"=50'
VERT. 1"=10'

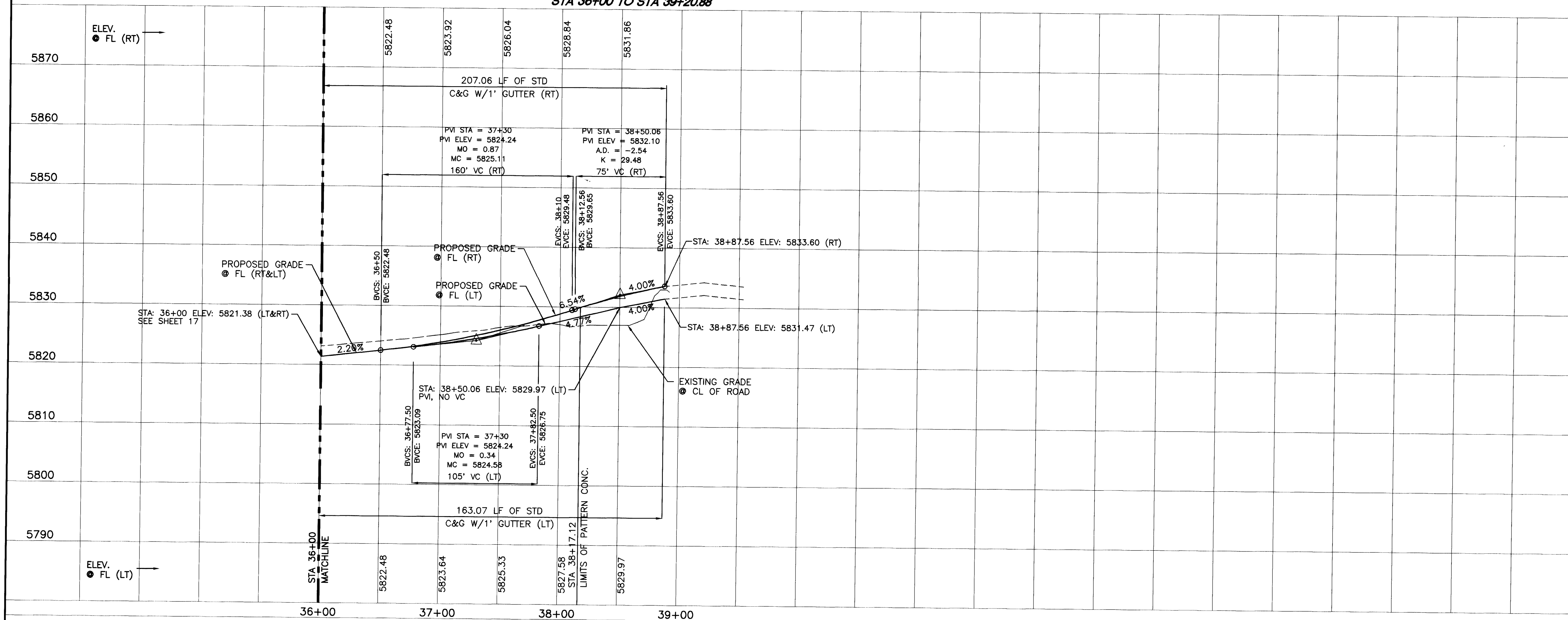
KEYED NOTE:
[A] ALL VALLEY GUTTERS ARE PER C.O.A. STD
DWG #2420.

- NOTE:
1. SEE MASTER PAVING PLAN FOR STREET SECTIONS
AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE STANDARD
UNLESS OTHERWISE NOTED.
3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD
C&G IS THRU THE HC RAMPS UNLESS OTHERWISE
NOTED PER C.O.A. STD DWG #2418.

QUARTER POINTS (FACE OF CURB)

C24	FL	ELEV.	C23	FL	ELEV.
1	5831.95		4	5830.91	
2	5832.53		5	5832.10	
3	5833.10		6	5833.29	

MOUNTAINSIDE PARKWAY
STA 36+00 TO STA 39+20.88



TIERRA WEST, LLC
4421 McLEOD ROAD, N.E., SUITE D
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP
TITLE: **TRAMWAY HIGHLANDS SUBDIVISION PHASE I**
MOUNTAINSIDE PARKWAY PAVING IMPROVEMENTS
STA 36+00 TO STA 39+20.88

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
IAN - 2' 79			
DESIGN REVIEW COMMITTEE			

CITY PROJECT NO. 578181 ZONE MAP NO. G-22 SHEET 18 OF 45

SCANNED BY JASON 50/960054/MNTPK-PV4.DWG/12-01-97/BDC

QUARTER POINTS (FACE OF CURB)

KEYED NOTE:
A ALL VALLEY GUTTERS ARE PER C.O.A. STD
DWG #2420.

NOTE:

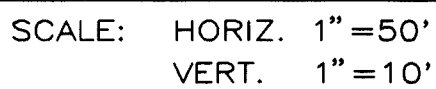
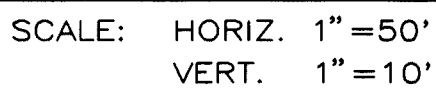
1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMP UNLESS OTHERWISE NOTED PER C.O.A. SD DWG #24118.

**QUARTER POINTS (FACE OF CURB)**

KEYED NOTE:
 [A] ALL VALLEY GUTTERS ARE PER C.O.A. STD
 DWG #2420.

NOTE:

1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMP UNLESS OTHERWISE NOTED PER C.O.A. SD DWG #2418.



ENGINEER'S SEAL

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE:	<i>TRAMWAY HIGHLANDS SUBDIVISION PHASE I PAVING IMPROVEMENTS HIMALAYAN WAY / SMOKEY MOUNTAIN WAY</i>

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

ZONE MAP NO
G-22

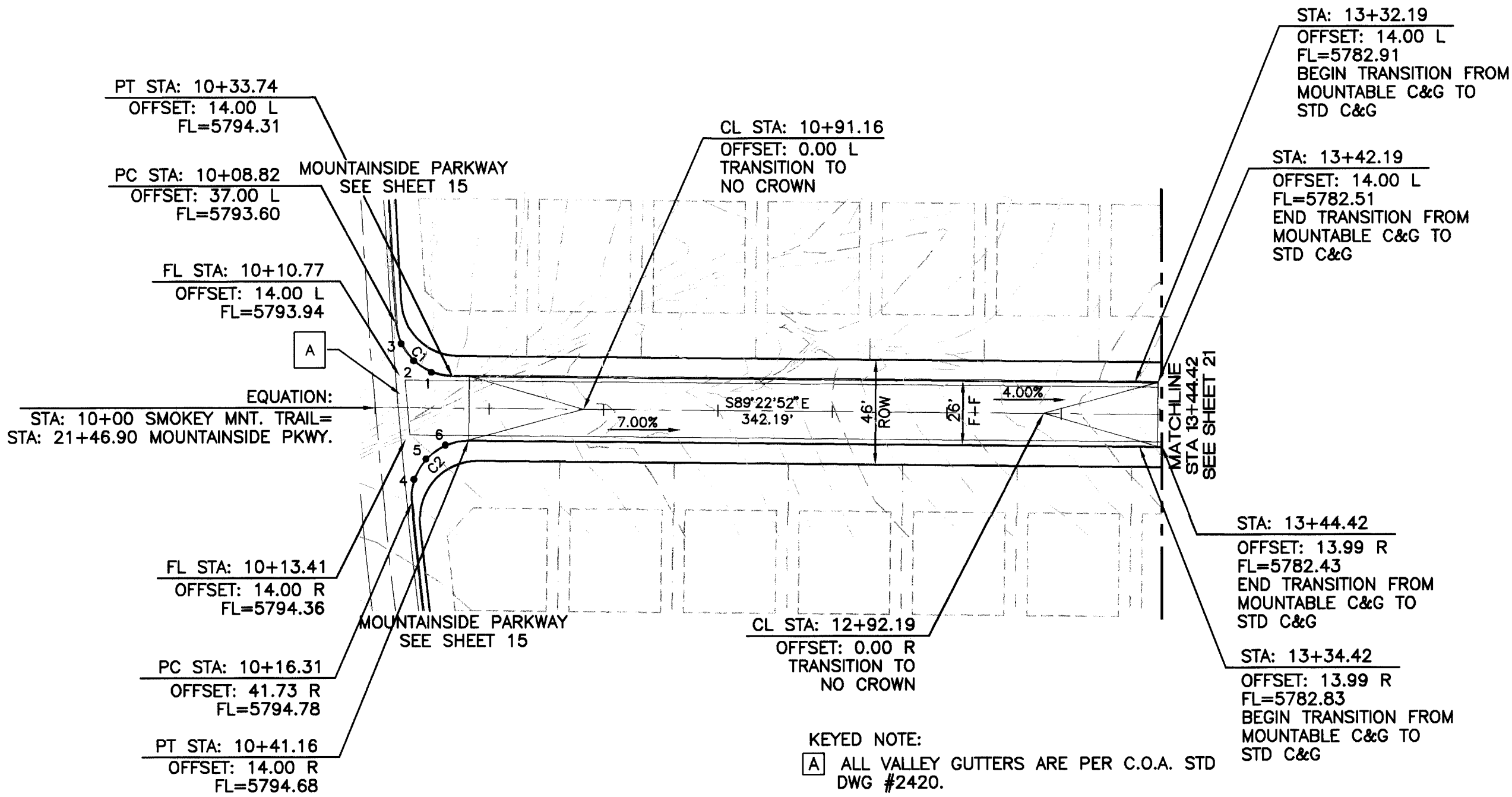
SHEET	19	OF	45
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10+00 11+00 12+00 13+00

CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	37.26	25.00	85°24'01"	23.07
C2	42.00	25.00	96°15'38"	27.89

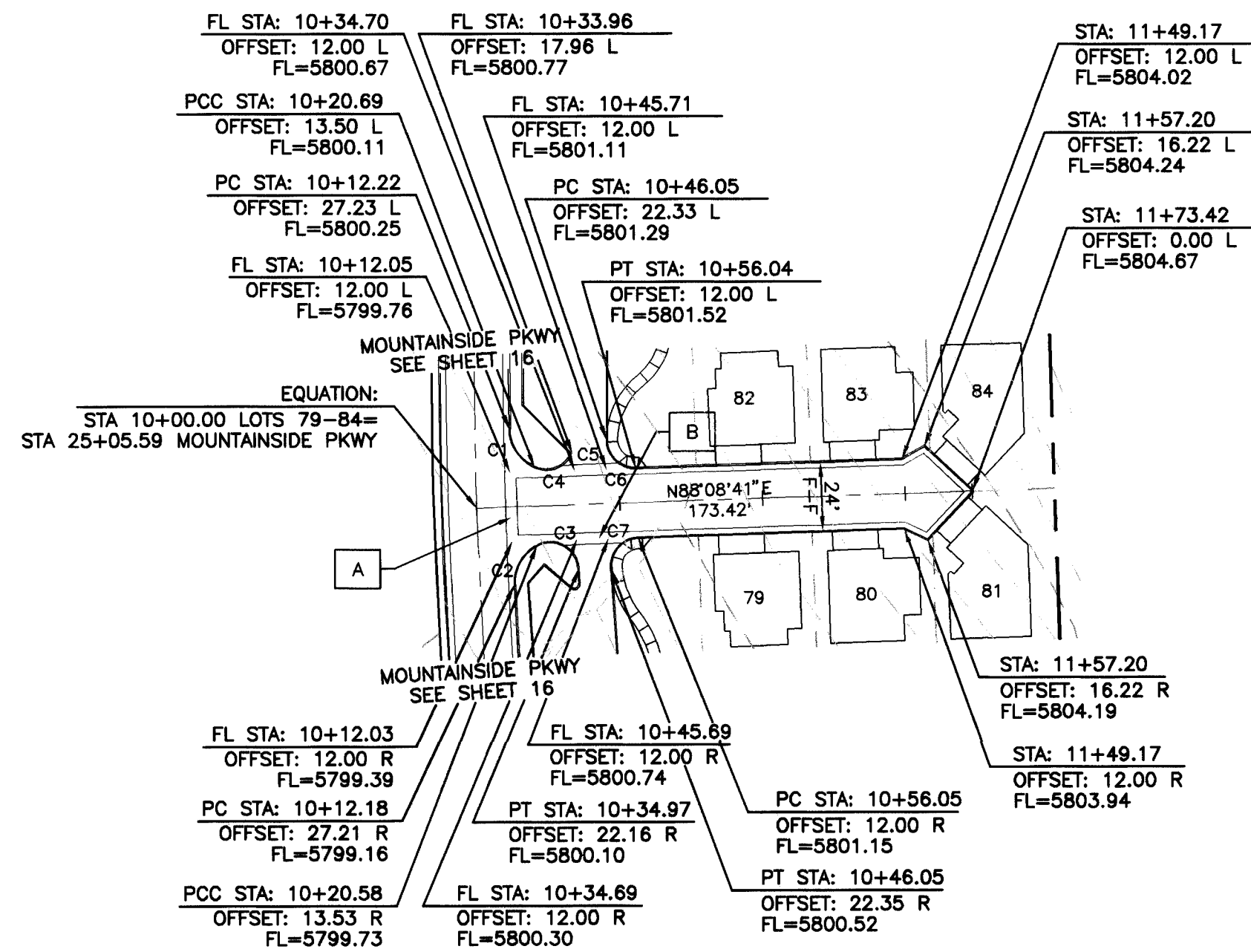
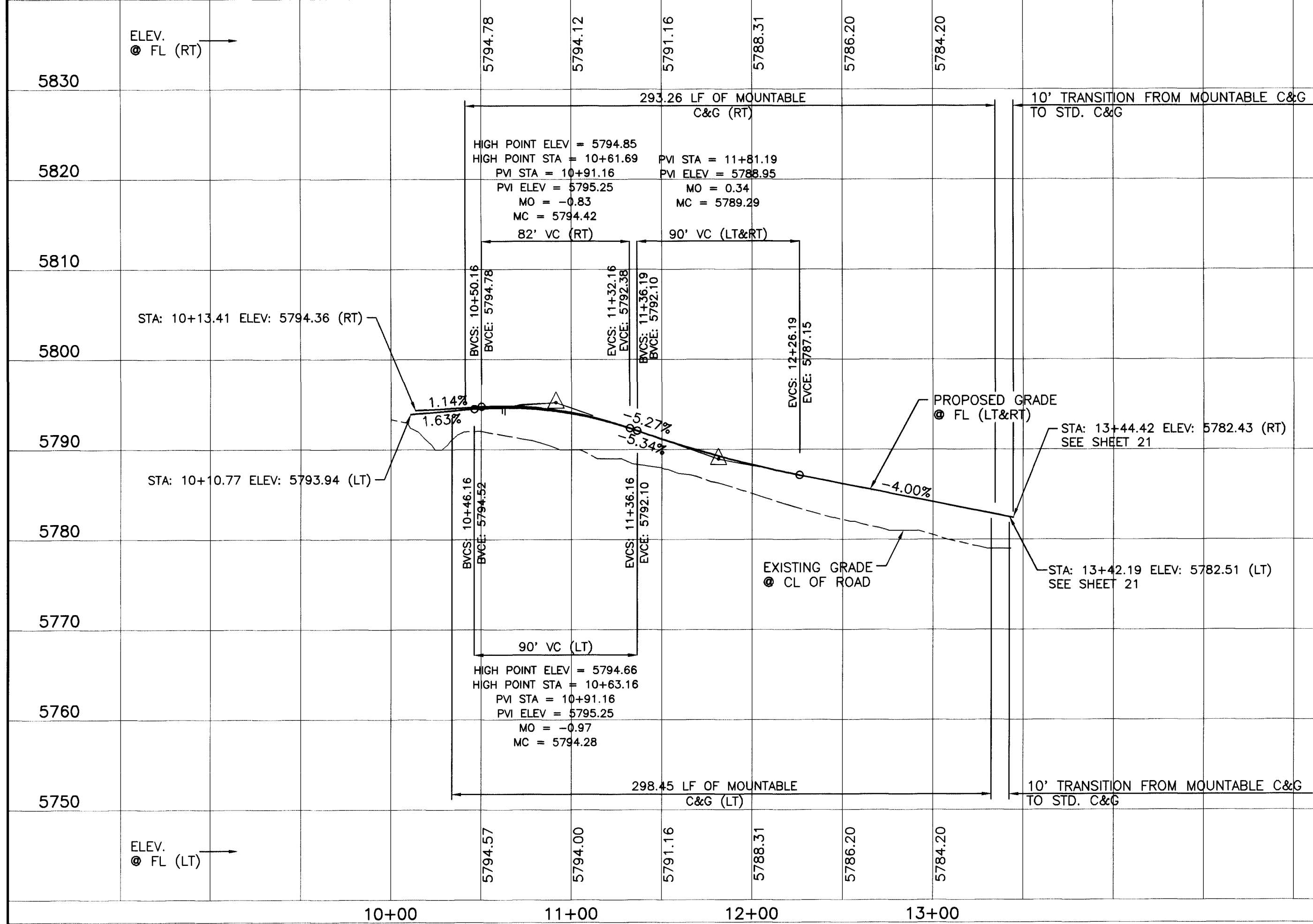
QUARTER POINTS (FACE OF CURB)

C1	FL	ELEV.	C2	FL	ELEV.
1	5794.19		4	5794.56	
2	5793.98		5	5794.54	
3	5793.77		6	5794.52	



- NOTE:
- SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
 - ALL CURB AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
 - TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMPS UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2418.

TULAROSA TRAIL
STA 10+00 TO STA 13+44.42



CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	17.04	15.00	65°04'21"	9.57
C2	16.94	15.00	64°42'56"	9.50
C3	19.91	10.00	114°05'49"	15.43
C4	13.80	10.00	79°03'45"	8.25
C5	2.79	2.00	79°51'15"	1.67
C6	16.04	10.00	91°54'19"	10.34
C7	16.06	10.00	91°59'37"	10.35

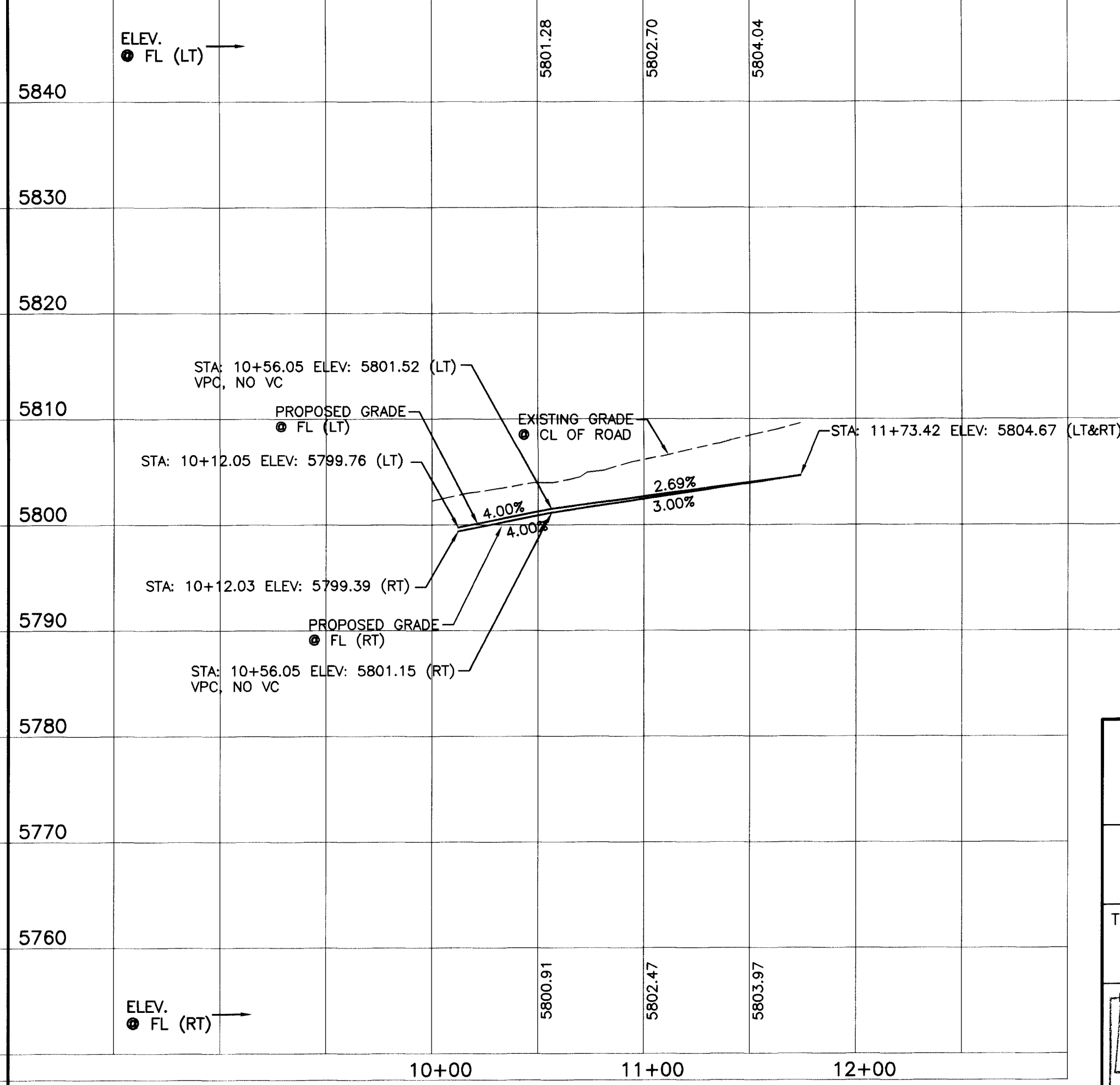
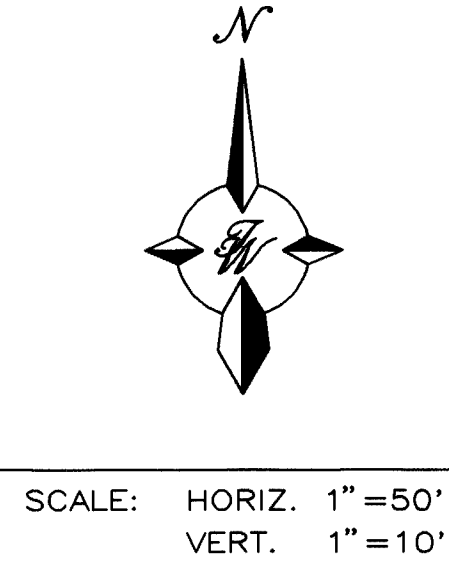
- KEYED NOTE:
- [A] ALL VALLEY GUTTERS ARE PER C.O.A. STD DWG #2420.
- [B] ALLEY GUTTERS ARE PER C.O.A. STD DWG #2415.
- NOTE:
- SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
 - ALL CURB AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
 - TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMPS UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2418.

RECORD DRAWING

DATE: 10/15/10 DRAFTED BY: RW

TIERRA WEST DEV.

THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.



TIERRA WEST, LLC
4421 McLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TRAMWAY HIGHLANDS SUBDIVISION PHASE I
PAVING IMPROVEMENTS
TULAROSA TRAIL / LOTS 79-84

DESIGN REVIEW COMMITTEE

APPROVED

JAN - 2 10 10

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

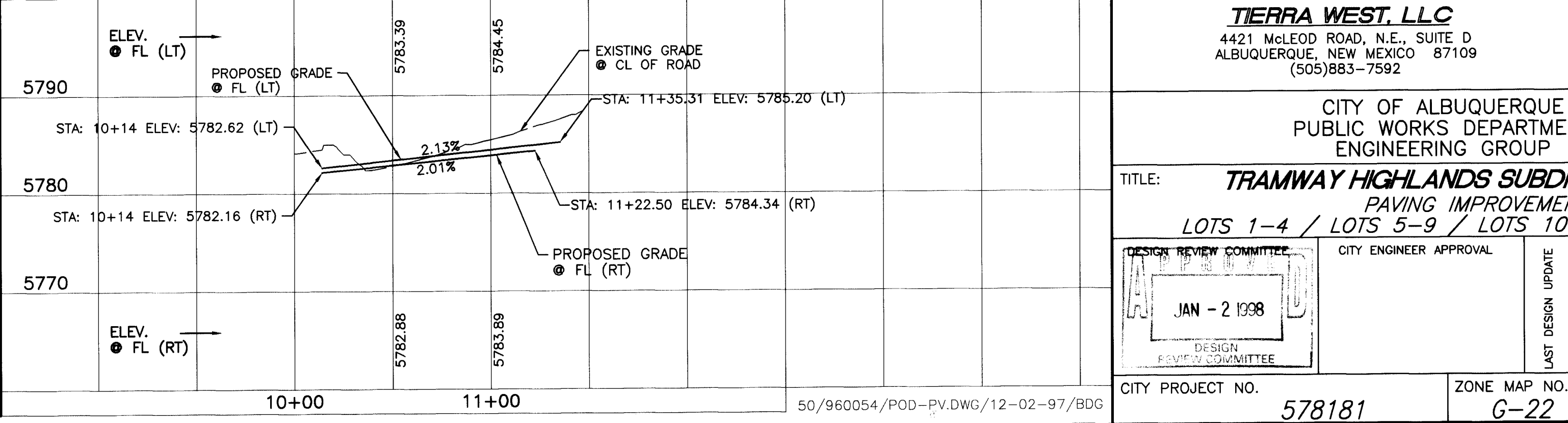
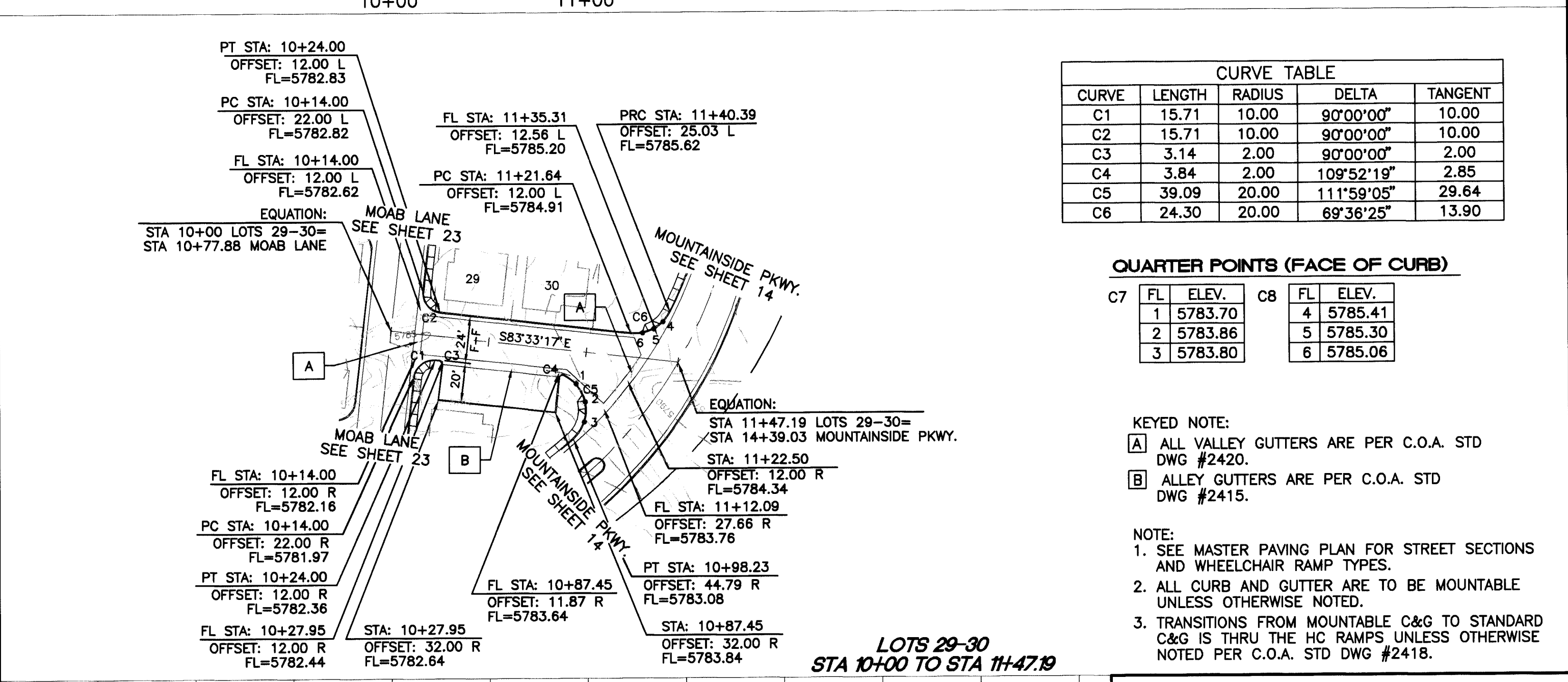
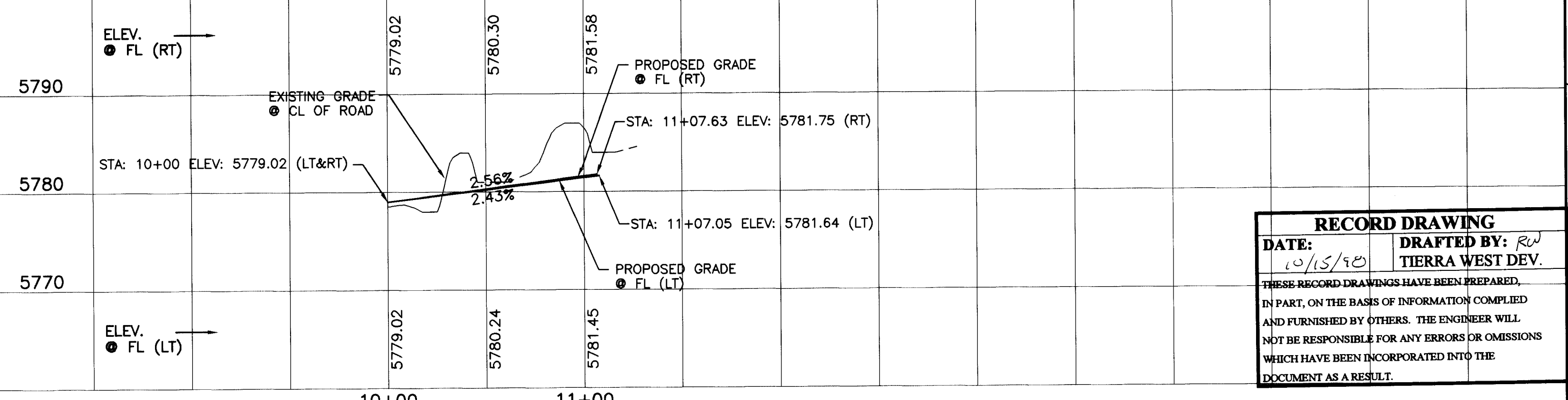
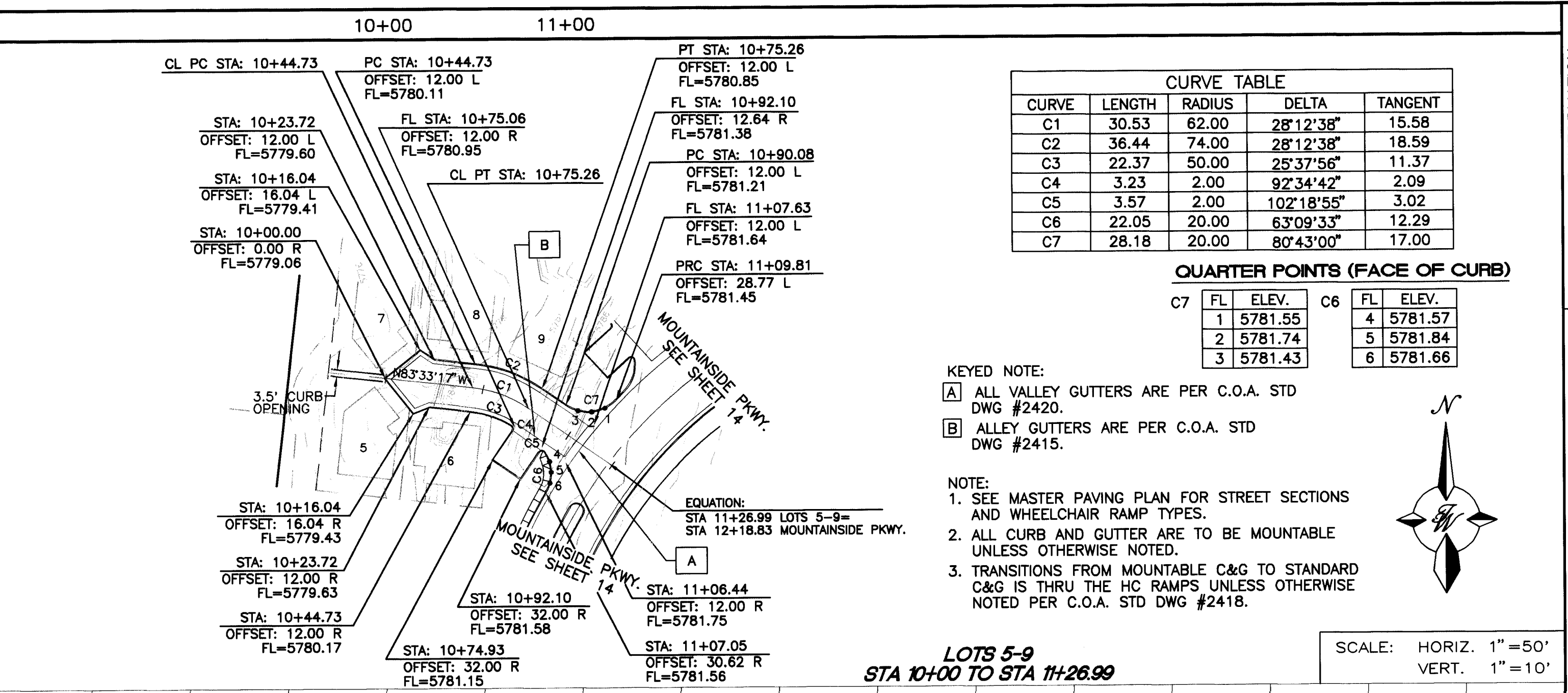
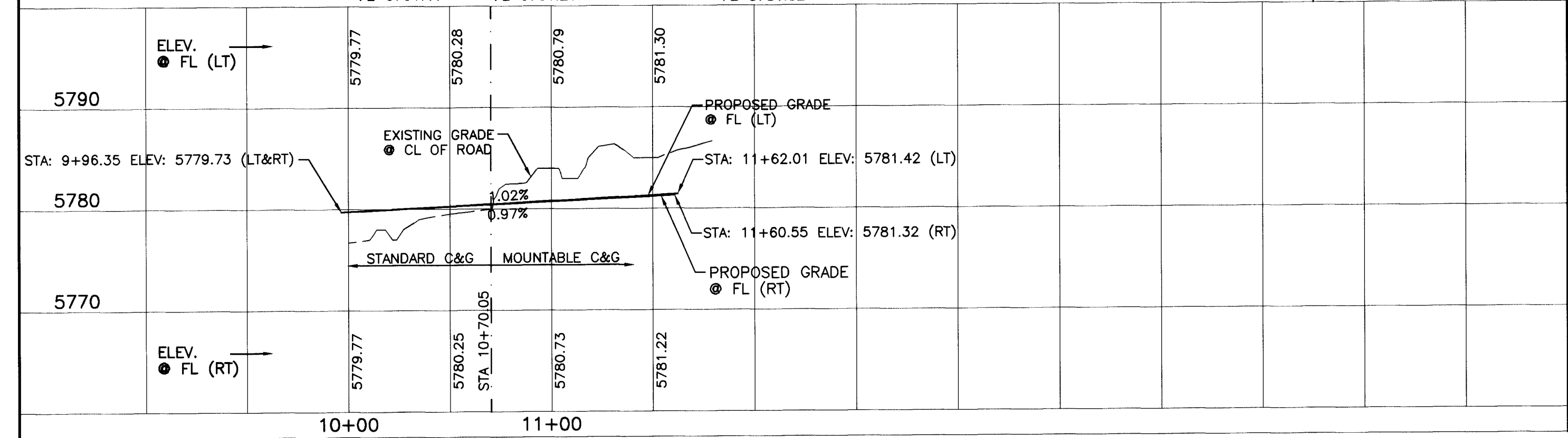
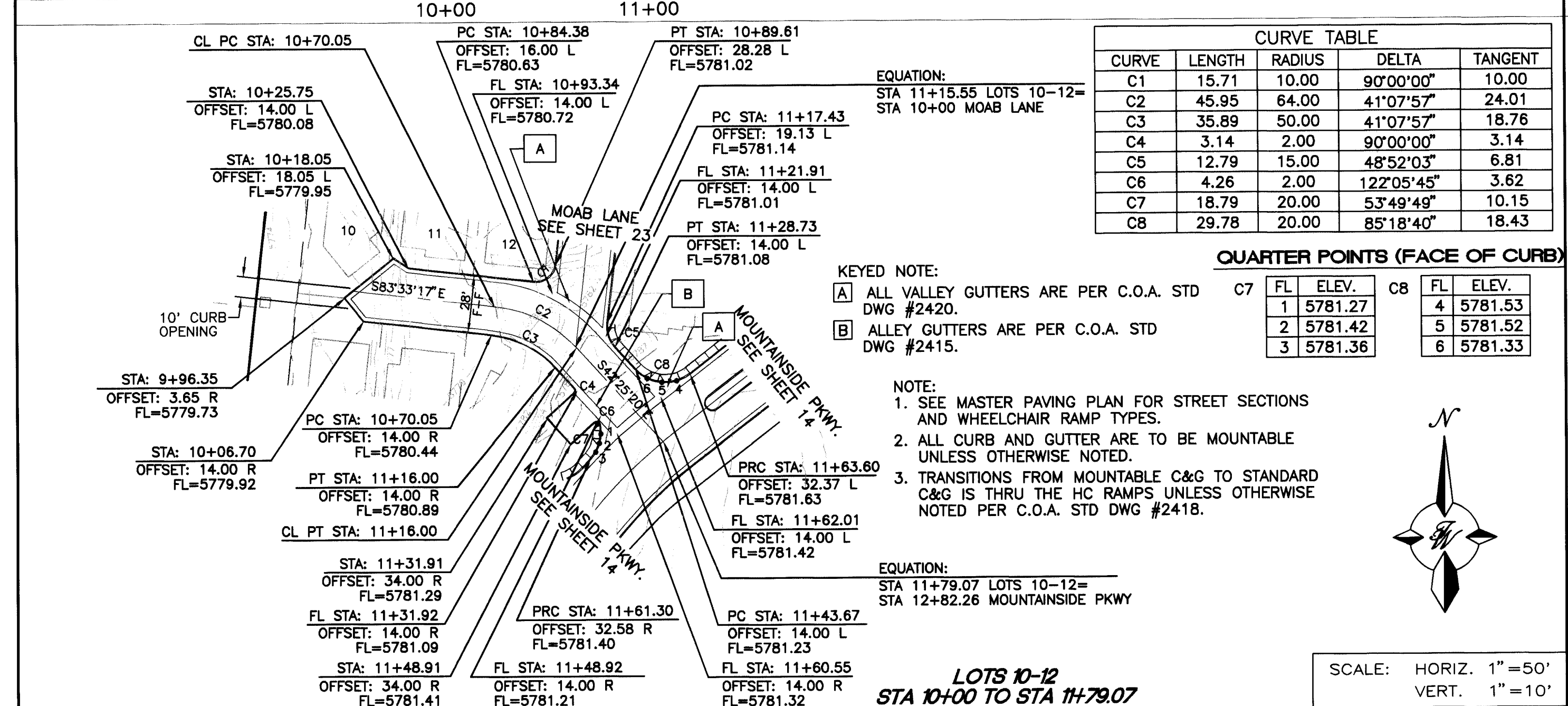
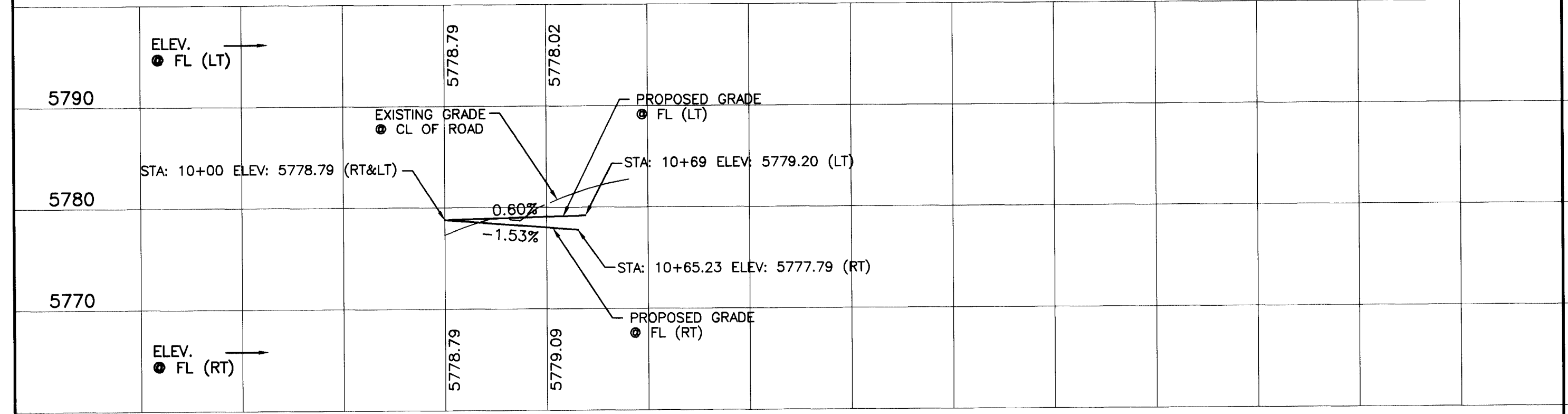
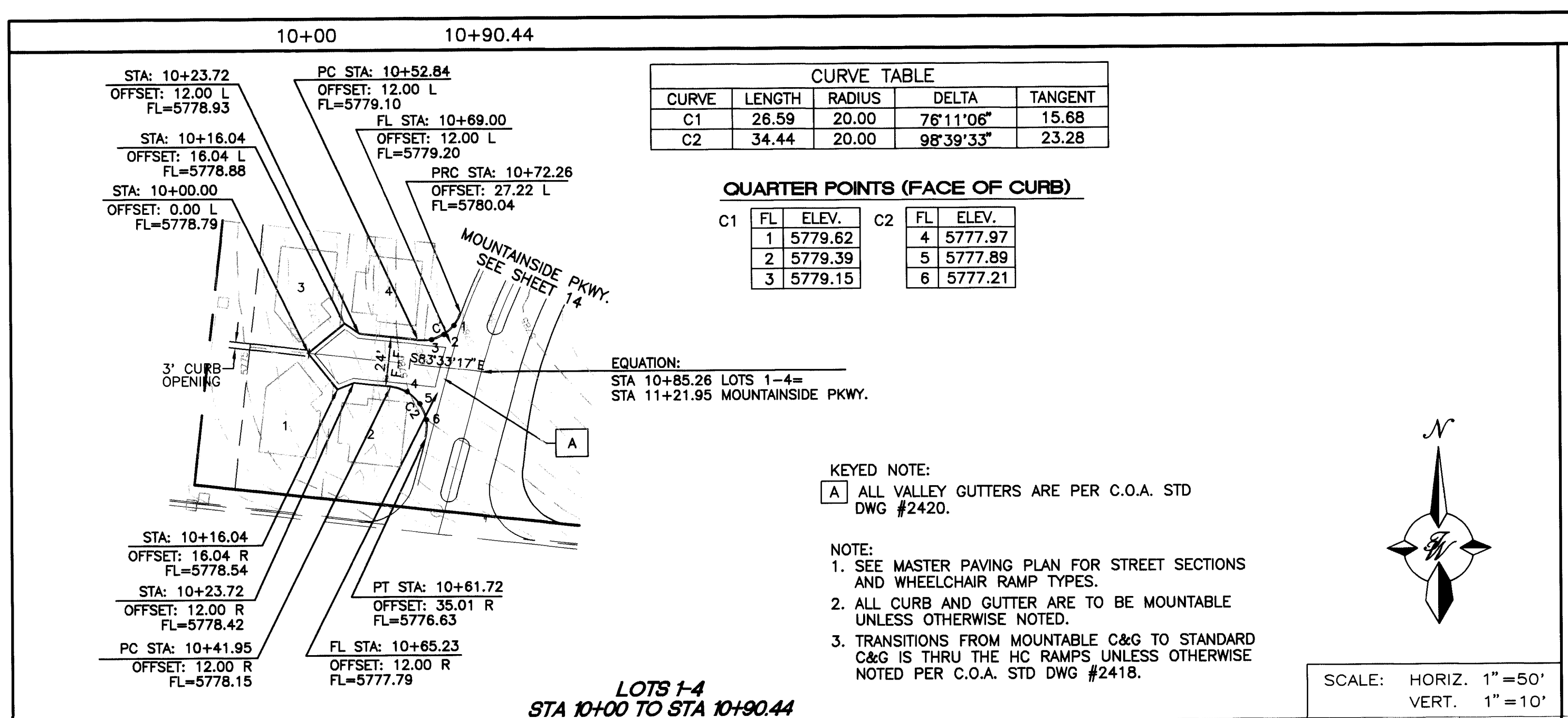
MO./DAY/YR.

MO./DAY/YR.

CITY PROJECT NO. 578181

ZONE MAP NO. G-22

SHEET 20 OF 45



CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	30.53	62.00	28°12'38"	15.58
C2	36.44	74.00	28°12'38"	18.59
C3	22.37	50.00	25°37'56"	11.37
C4	3.23	2.00	92°34'42"	2.09
C5	3.57	2.00	102°18'55"	3.02
C6	22.05	20.00	63°09'33"	12.29
C7	28.18	20.00	80°43'00"	17.00

QUARTER POINTS (FACE OF CURB)

C7	FL	ELEV.	C6	FL	ELEV.
	1	5781.55		4	5781.57
	2	5781.74		5	5781.84
	3	5781.43		6	5781.66

- KEYED NOTE:
[A] ALL VALLEY GUTTERS ARE PER C.O.A. STD DWG #2420.
[B] ALLEY GUTTERS ARE PER C.O.A. STD DWG #2415.
- NOTE:
1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMPS UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2418.

RECORD DRAWING
DATE: 10/15/10
DRAFTED BY: RW
TIERRA WEST DEV.
THESE RECORD DRAWINGS HAVE BEEN PREPARED IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.

CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	15.71	10.00	90°00'00"	10.00
C2	15.71	10.00	90°00'00"	10.00
C3	3.14	2.00	90°00'00"	2.00
C4	3.84	2.00	109°52'19"	2.85
C5	39.09	20.00	111°59'05"	29.64
C6	24.30	20.00	69°36'25"	13.90

QUARTER POINTS (FACE OF CURB)

C7	FL	ELEV.	C8	FL	ELEV.
	1	5783.70		4	5785.41
	2	5783.86		5	5785.30
	3	5783.80		6	5785.06

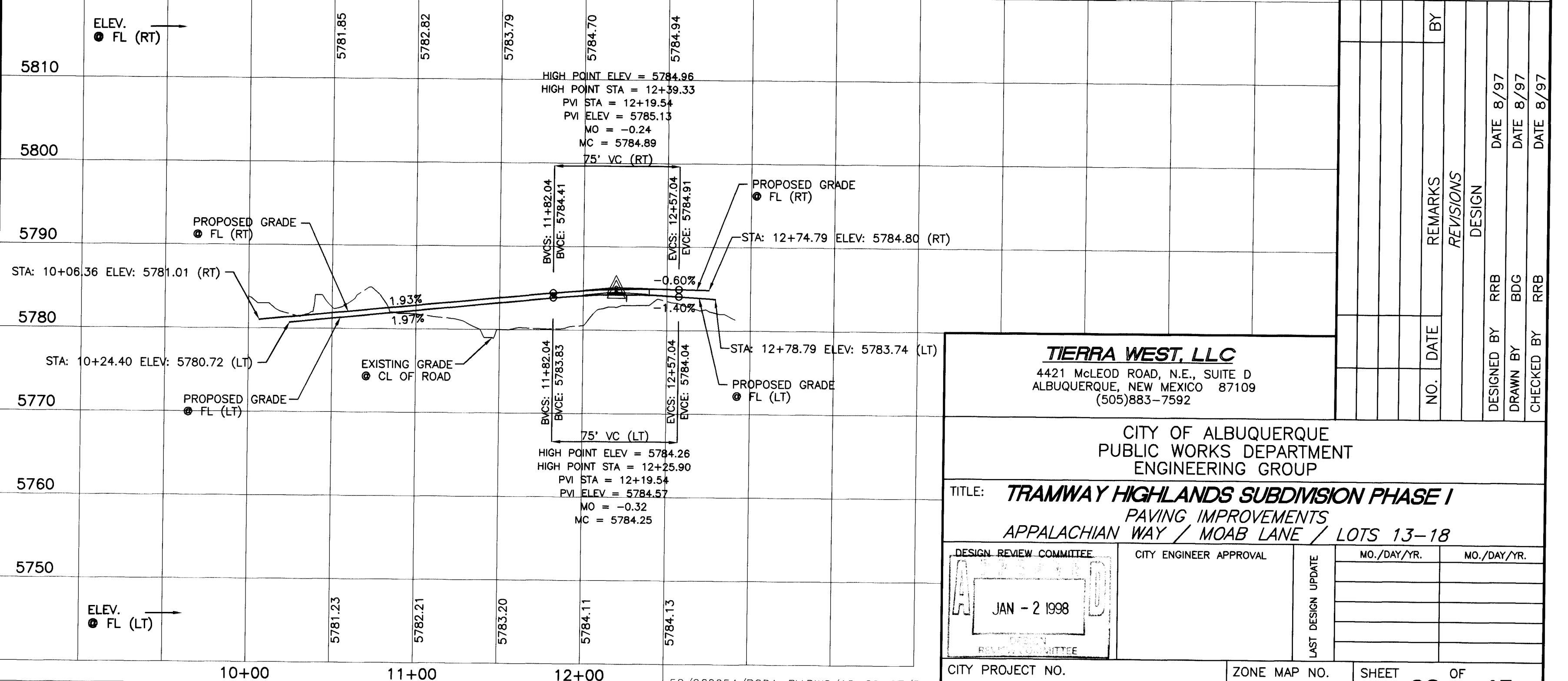
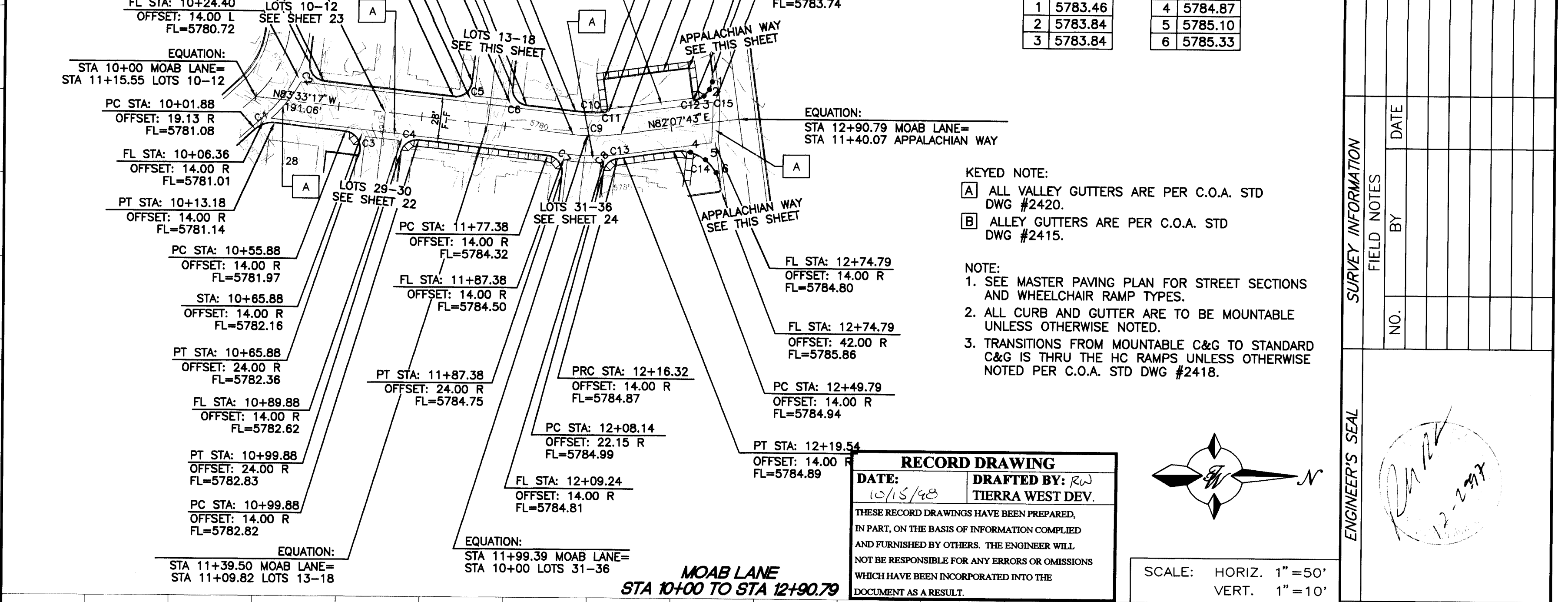
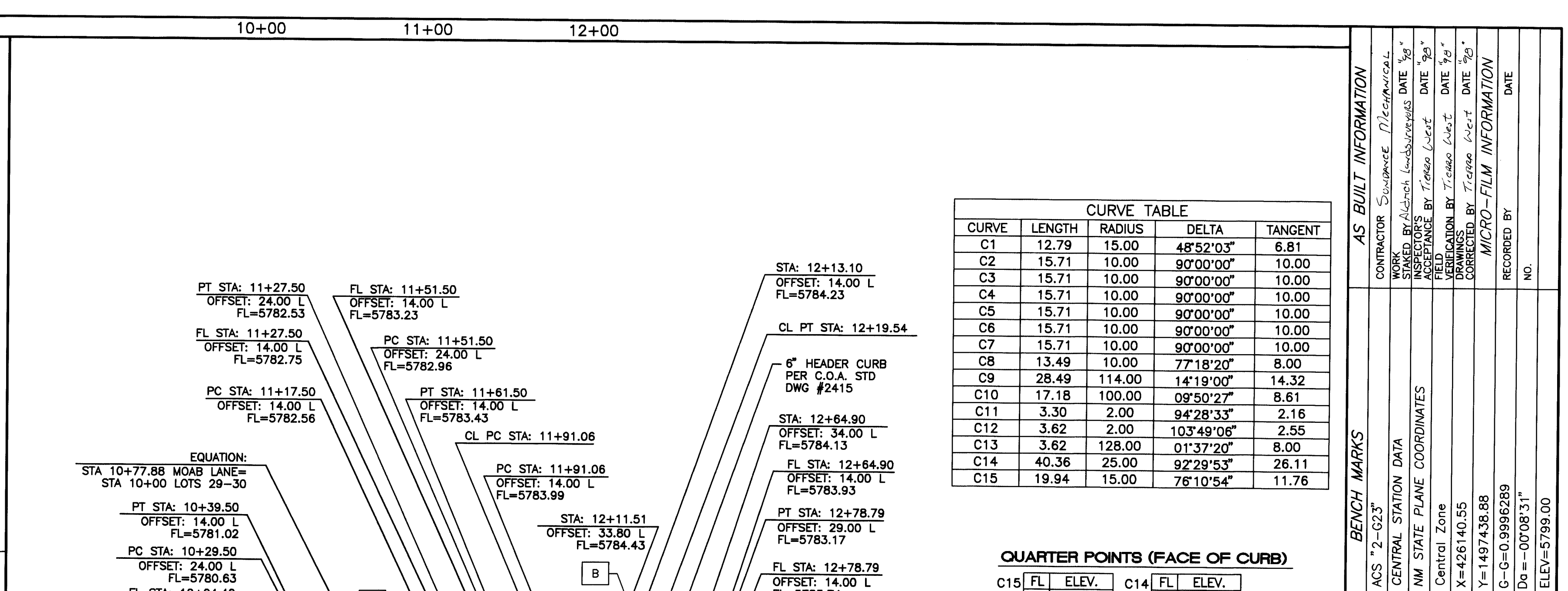
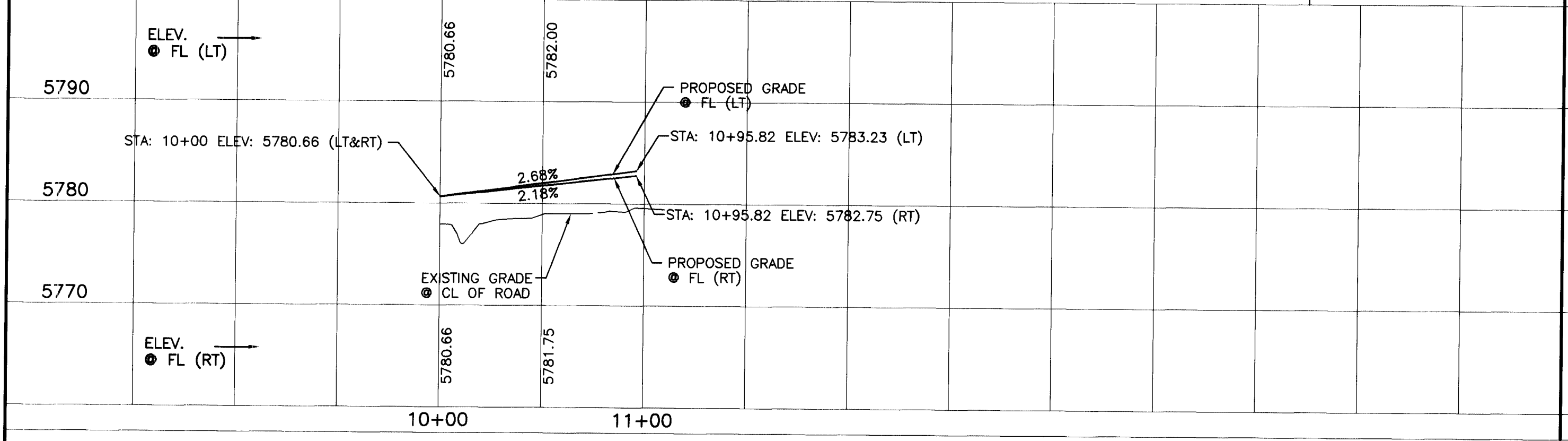
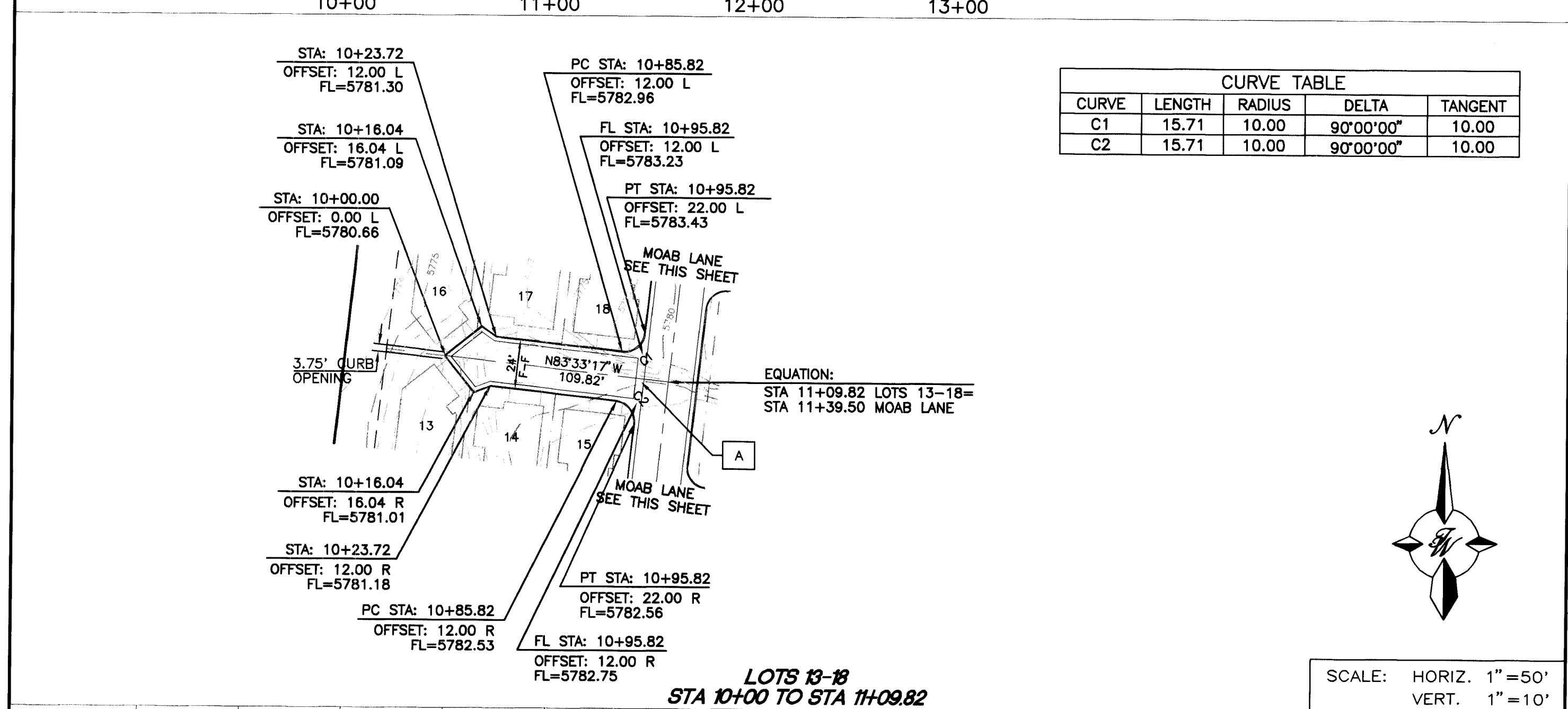
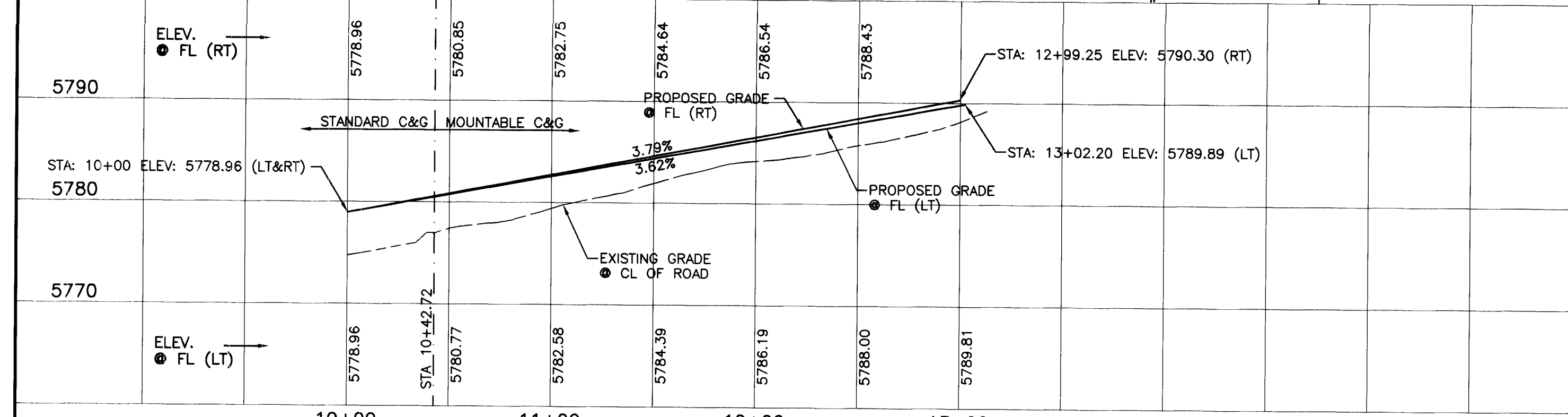
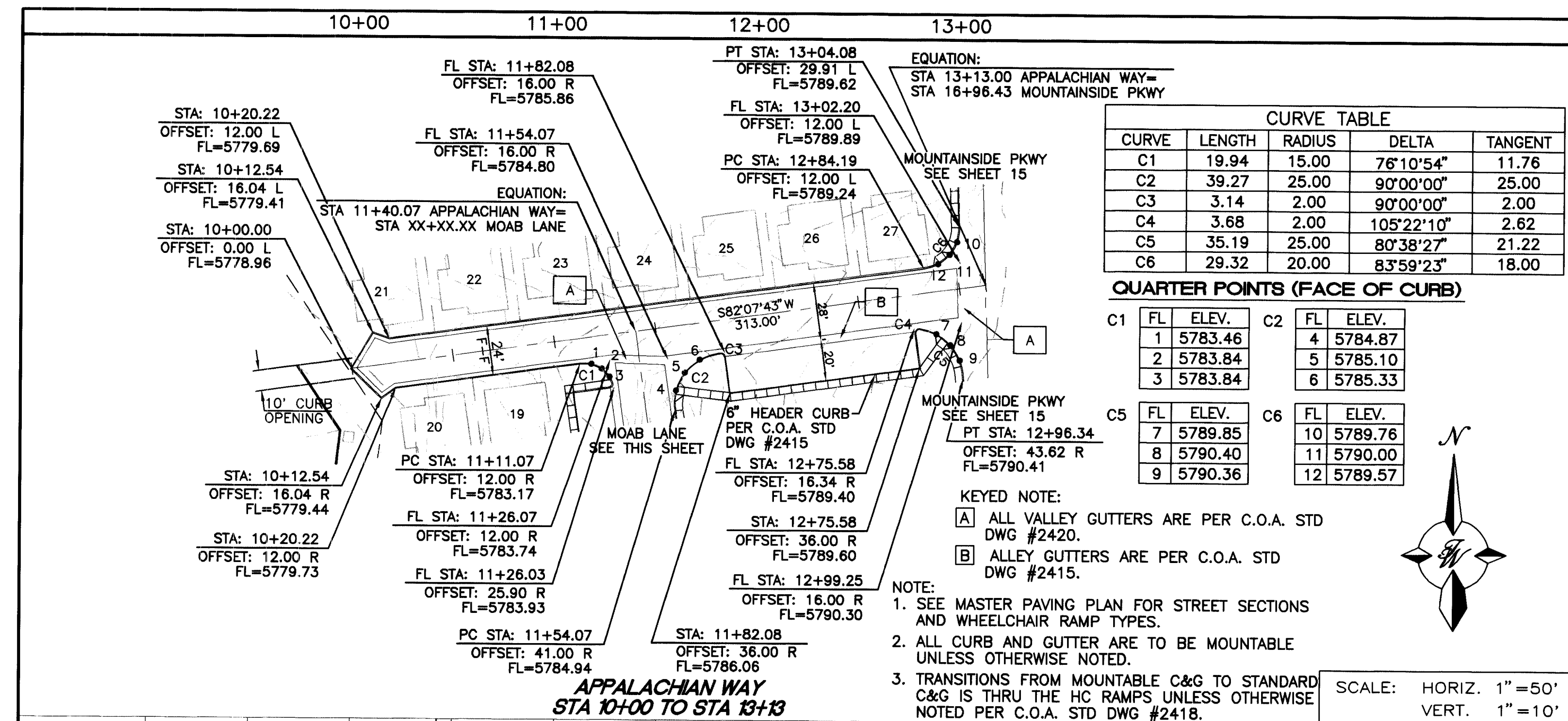
- KEYED NOTE:
[A] ALL VALLEY GUTTERS ARE PER C.O.A. STD DWG #2420.
[B] ALLEY GUTTERS ARE PER C.O.A. STD DWG #2415.
- NOTE:
1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **TRAMWAY HIGHLANDS SUBDIVISION PHASE I**
PAVING IMPROVEMENTS
LOTS 1-4 / LOTS 5-9 / LOTS 10-12 / LOTS 29-30

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO./DAY/YR.	NO./DAY/YR.
JAN - 2 1998			
DESIGN REVIEW COMMITTEE			



CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	19.94	15.00	76°10'54"	11.76
C2	39.27	25.00	90°00'00"	25.00
C3	3.14	2.00	90°00'00"	2.00
C4	3.68	2.00	105°22'10"	2.62
C5	35.19	25.00	80°38'27"	21.22
C6	29.32	20.00	83°59'23"	18.00

QUARTER POINTS (FACE OF CURB)

C1	FL	ELEV.	C2	FL	ELEV.
1	5783.46		4	5784.87	
2	5783.84		5	5785.10	
3	5783.84		6	5785.33	

CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	12.79	15.00	48°52'03"	6.81
C2	15.71	10.00	90°00'00"	10.00
C3	15.71	10.00	90°00'00"	10.00
C4	15.71	10.00	90°00'00"	10.00
C5	15.71	10.00	90°00'00"	10.00
C6	15.71	10.00	90°00'00"	10.00
C7	15.71	10.00	90°00'00"	10.00
C8	13.49	10.00	77°18'20"	8.00
C9	28.49	114.00	14°19'00"	14.32
C10	17.18	100.00	09°50'27"	8.61
C11	3.30	2.00	94°28'33"	2.16
C12	3.62	2.00	103°49'06"	2.55
C13	3.62	128.00	01°37'20"	8.00
C14	40.36	25.00	92°29'53"	26.11
C15	19.94	15.00	76°10'54"	11.76

QUARTER POINTS (FACE OF CURB)

C15	FL	ELEV.	C14	FL	ELEV.
1	5783.46		4	5784.87	
2	5783.84		5	5785.10	
3	5783.84		6	5785.33	

KEYED NOTE:
 [A] ALL VALLEY GUTTERS ARE PER C.O.A. STD DWG #2420.
 [B] ALLEY GUTTERS ARE PER C.O.A. STD DWG #2415.

NOTE:
 1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
 2. ALL CURB AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
 3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMPS UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2418.

RECORD DRAWING
 DATE: 10/15/10
 DRAFTED BY: R.W.
 TIERRA WEST DEV.
 THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.

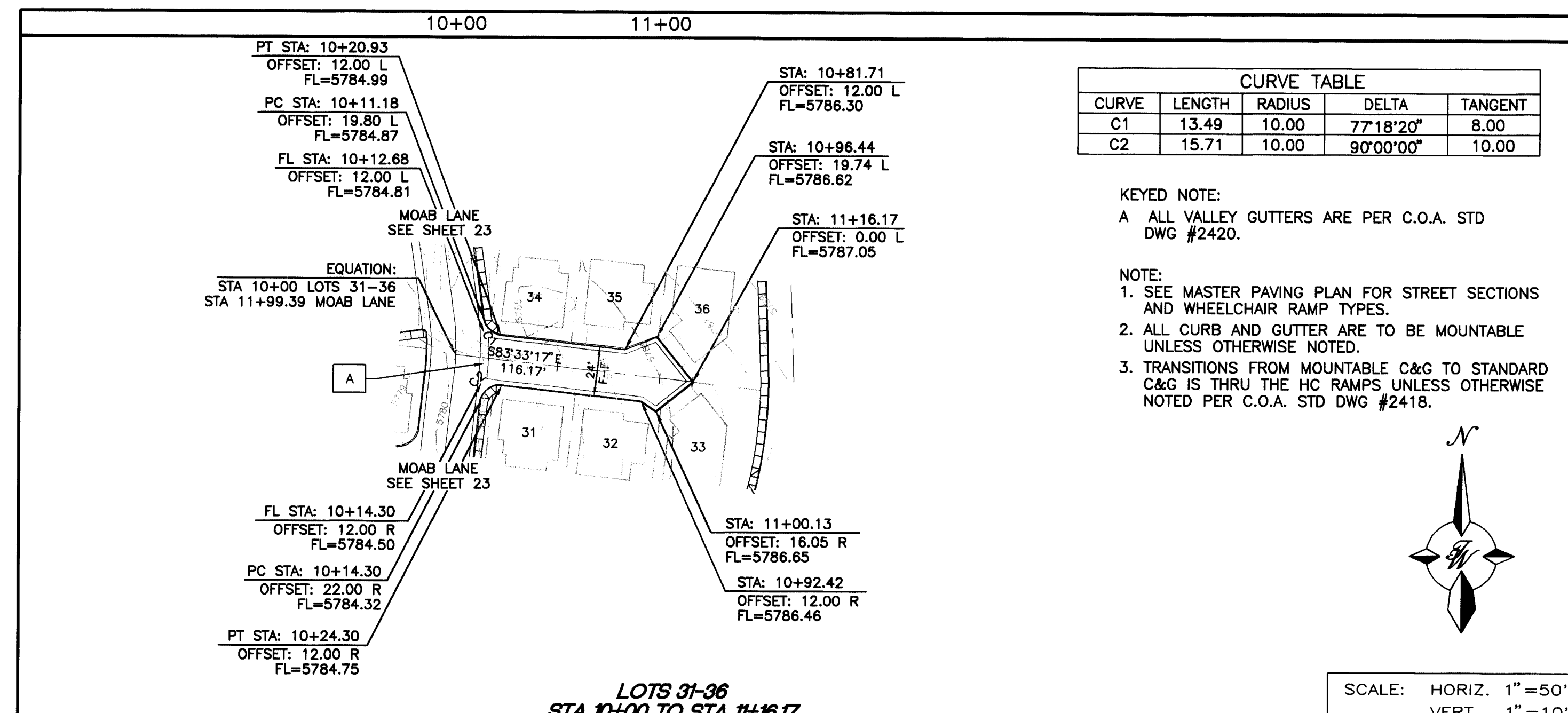
TIERRA WEST, LLC
 4421 McLEOD ROAD, N.E., SUITE D
 ALBUQUERQUE, NEW MEXICO 87109
 (505)883-7592

CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 ENGINEERING GROUP

TITLE: TRAMWAY HIGHLANDS SUBDIVISION PHASE I
 PAVING IMPROVEMENTS
 APPALACHIAN WAY / MOAB LANE / LOTS 13-18

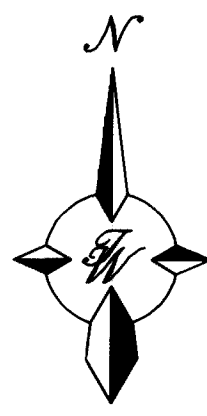
DESIGN REVIEW COMMITTEE
 CITY ENGINEER APPROVAL
 LAST DESIGN UPDATE
 JAN - 2 1998

CITY PROJECT NO. 578181
ZONE MAP NO. G-22
SHEET 23 OF 45

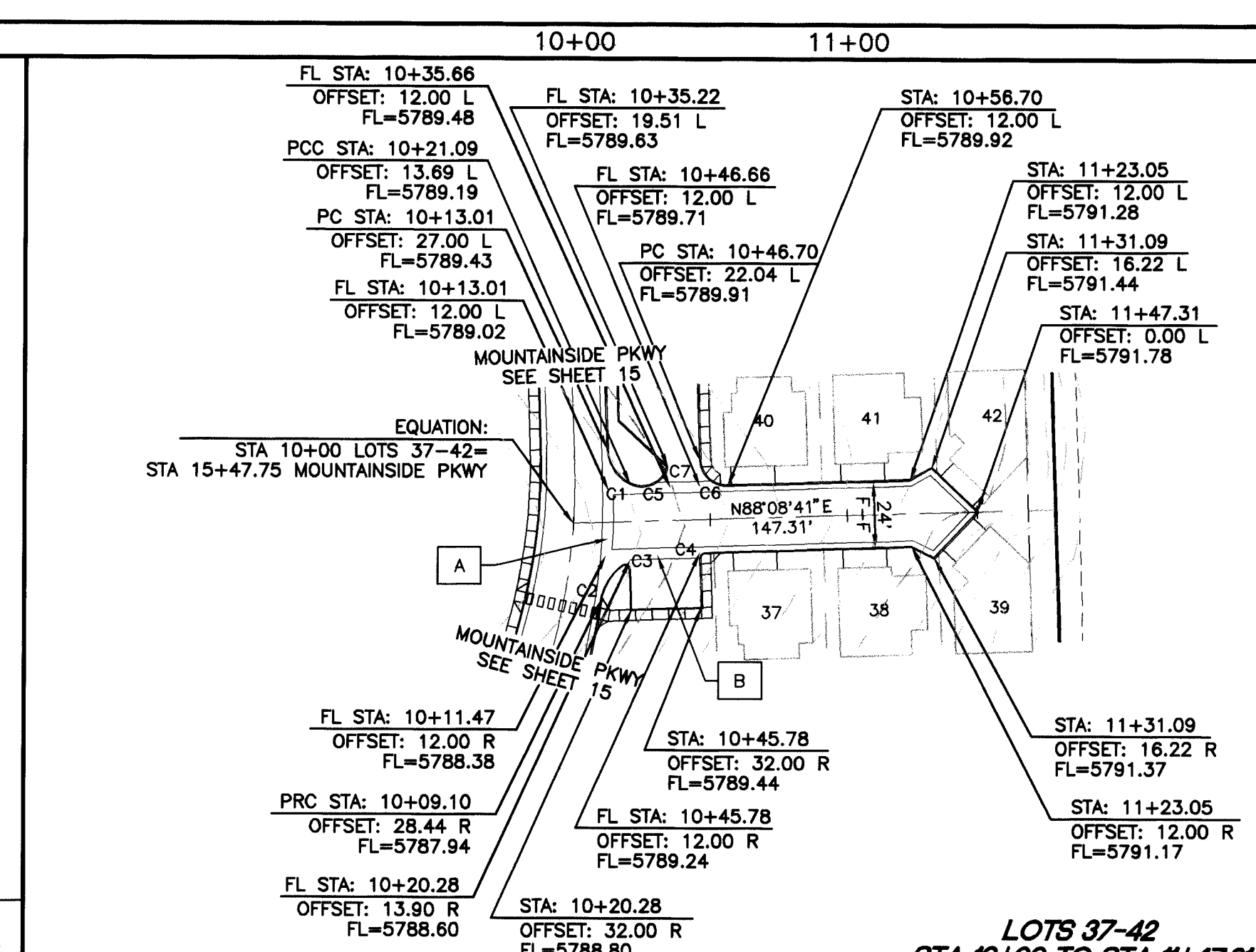
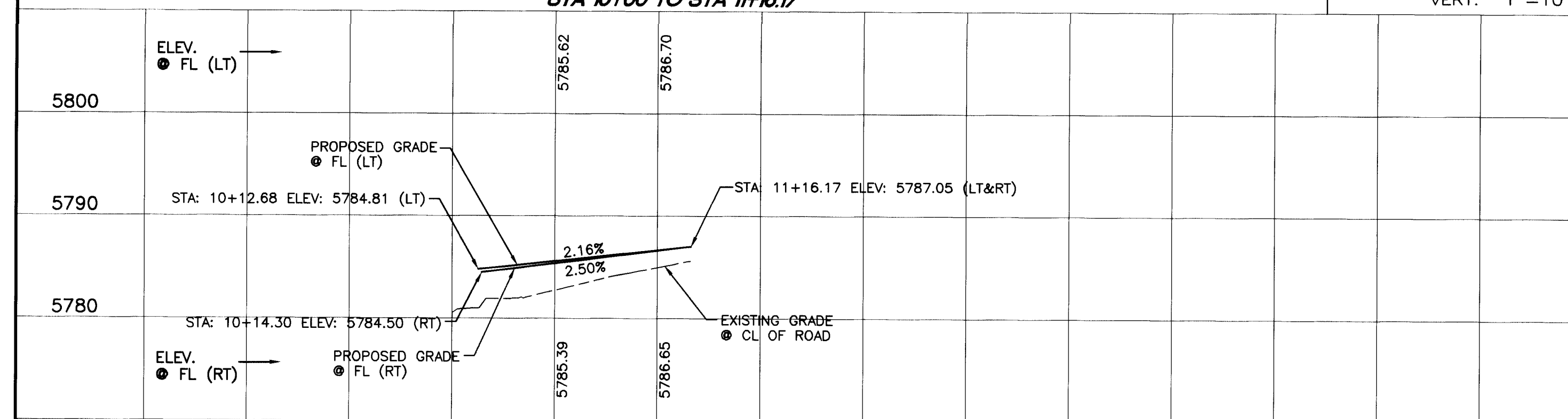


CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	13.49	10.00	77°18'20"	8.00
C2	15.71	10.00	90°00'00"	10.00

- KEYED NOTE:
A ALL VALLEY GUTTERS ARE PER C.O.A. STD DWG #2420.
- NOTE:
1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
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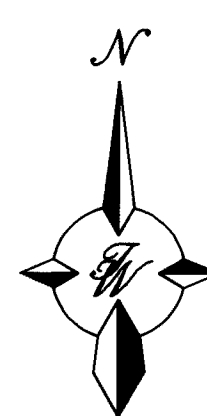


SCALE: HORIZ. 1"=50'
VERT. 1"=10'

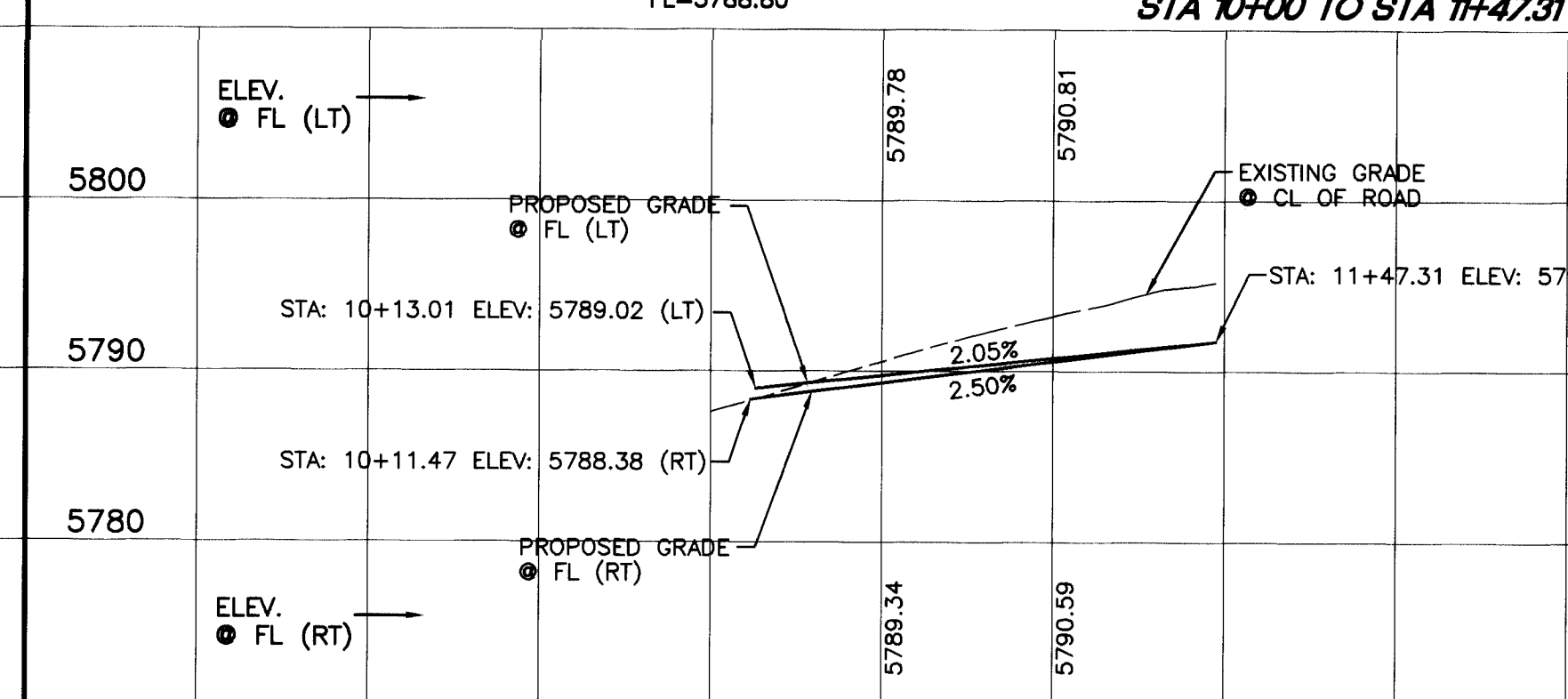


CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	16.37	15.00	62°32'37"	9.11
C2	15.38	20.00	44°03'57"	8.09
C3	4.39	2.00	125°41'07"	3.90
C4	3.14	2.00	90°00'00"	2.00
C5	15.93	10.00	91°16'15"	10.22
C6	15.75	10.00	90°14'09"	10.04
C7	2.48	2.00	70°56'39"	1.43

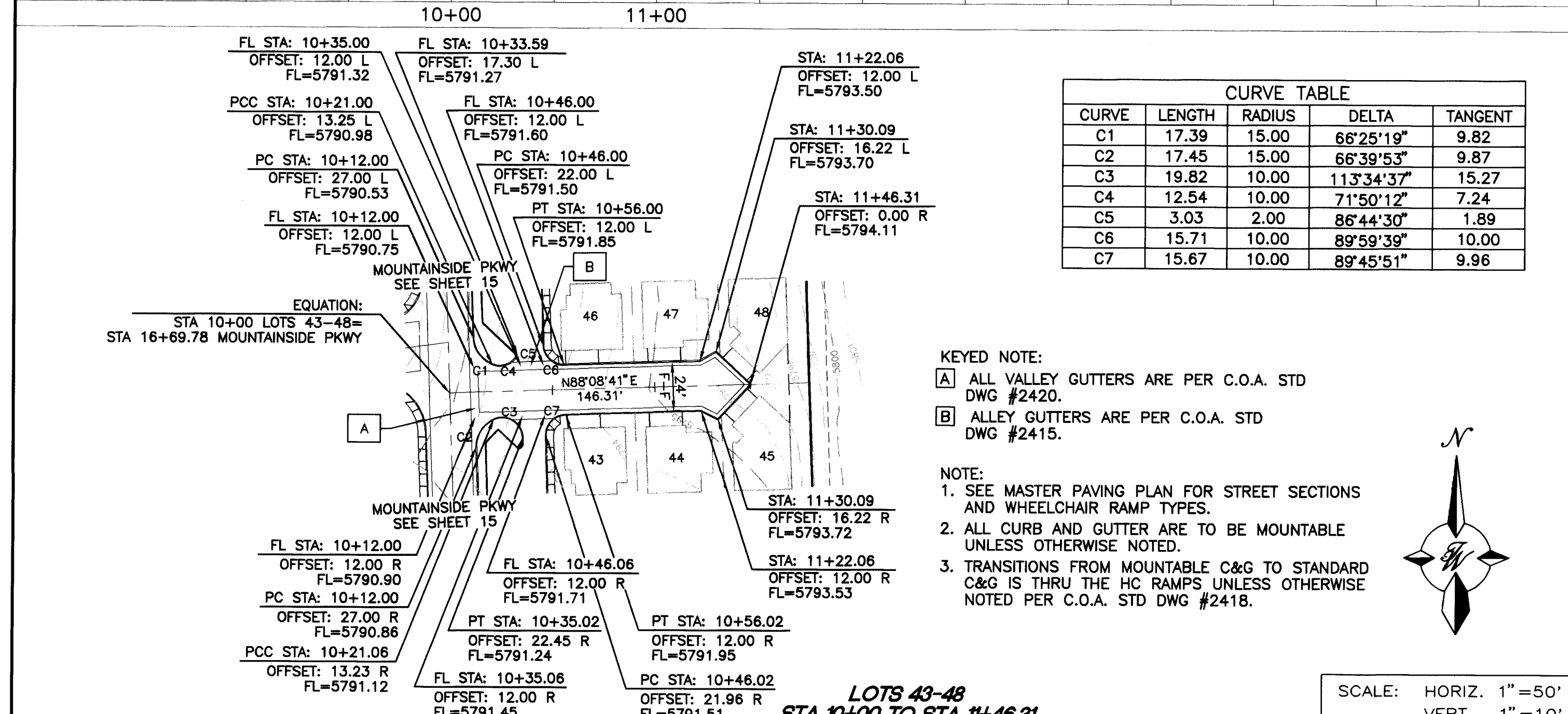
- KEYED NOTE:
A ALL VALLEY GUTTERS ARE PER C.O.A. STD DWG #2420.
B ALLEY GUTTERS ARE PER C.O.A. STD DWG #2415.
- NOTE:
1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMPS UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2418.



SCALE: HORIZ. 1"=50'
VERT. 1"=10'

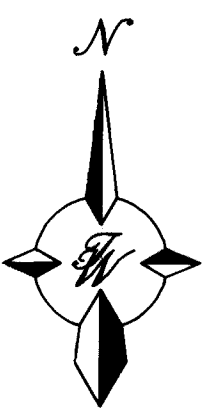


RECORD DRAWING
DATE: 10/15/98
DRAFTED BY: [Signature]
TIERRA WEST DEV.
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.

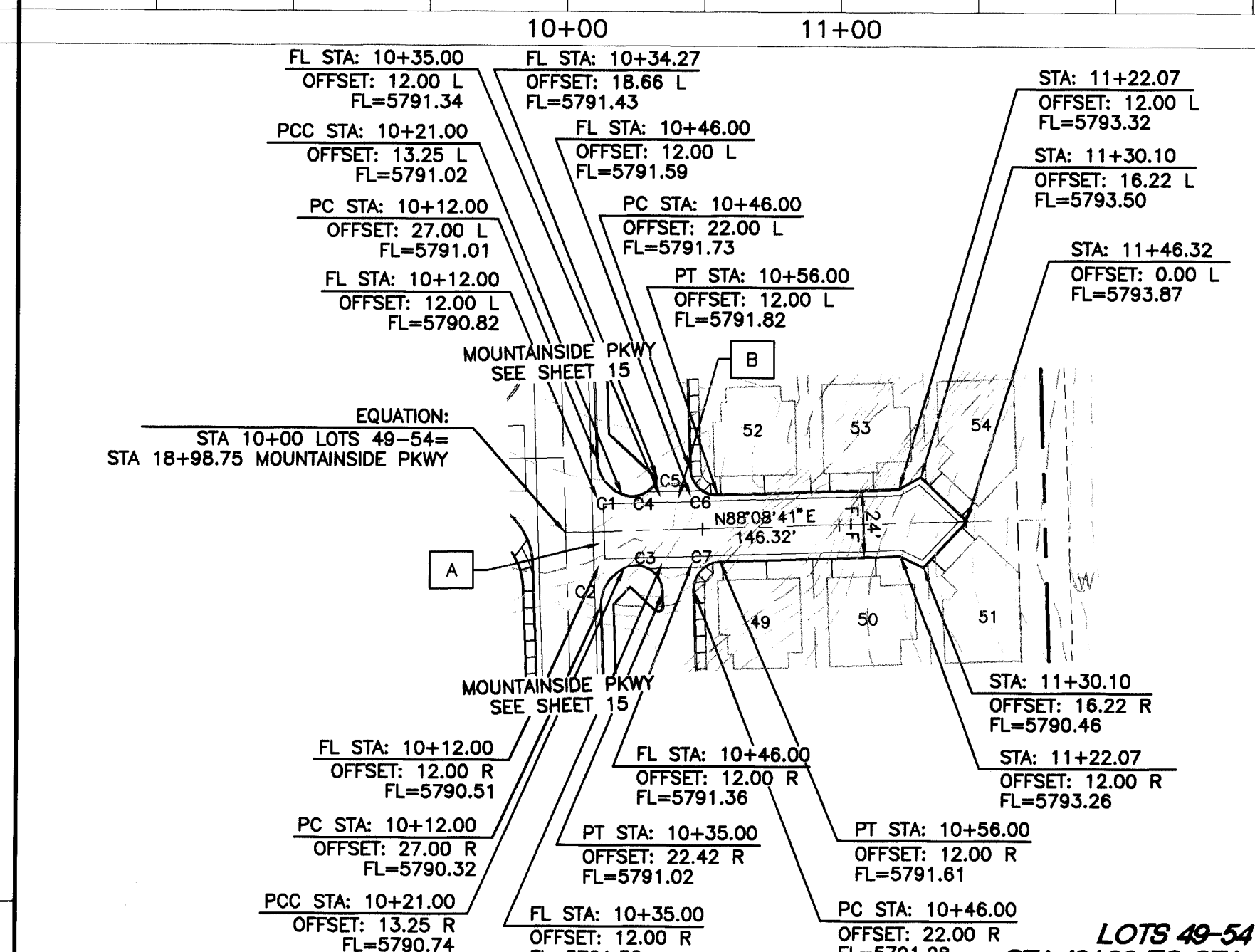
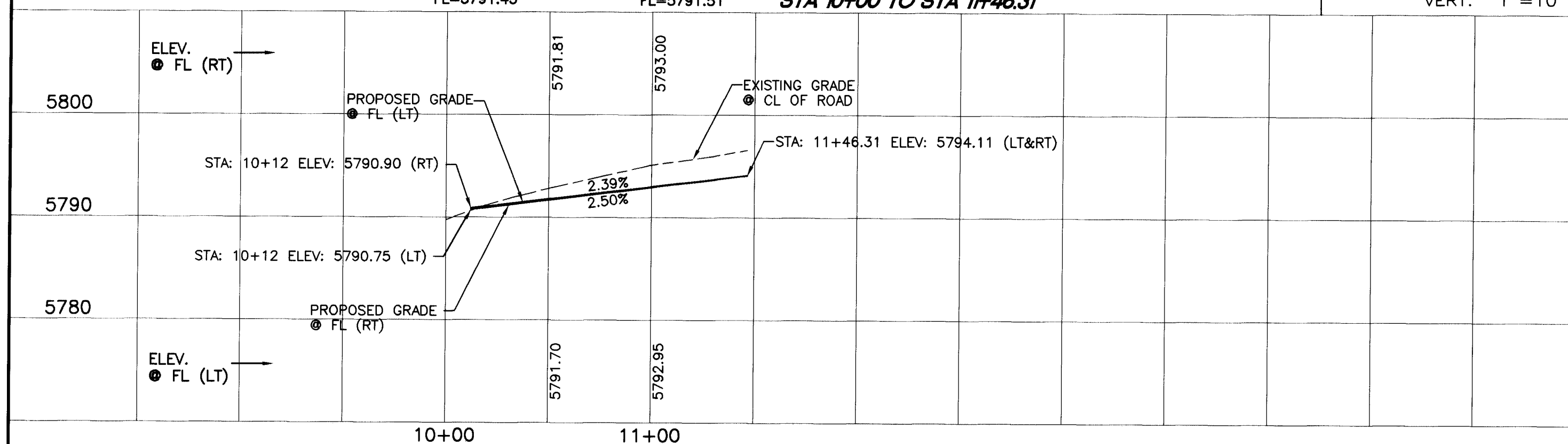


CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	17.39	15.00	66°25'19"	9.82
C2	17.45	15.00	66°39'53"	9.87
C3	19.82	10.00	113°34'37"	15.27
C4	12.54	10.00	71°50'12"	7.24
C5	3.03	2.00	86°44'30"	1.89
C6	15.71	10.00	89°59'39"	10.00
C7	15.67	10.00	89°45'51"	9.96

- KEYED NOTE:
A ALL VALLEY GUTTERS ARE PER C.O.A. STD DWG #2420.
B ALLEY GUTTERS ARE PER C.O.A. STD DWG #2415.
- NOTE:
1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMPS UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2418.

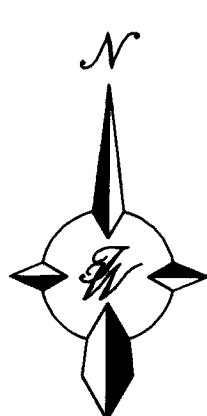


SCALE: HORIZ. 1"=50'
VERT. 1"=10'

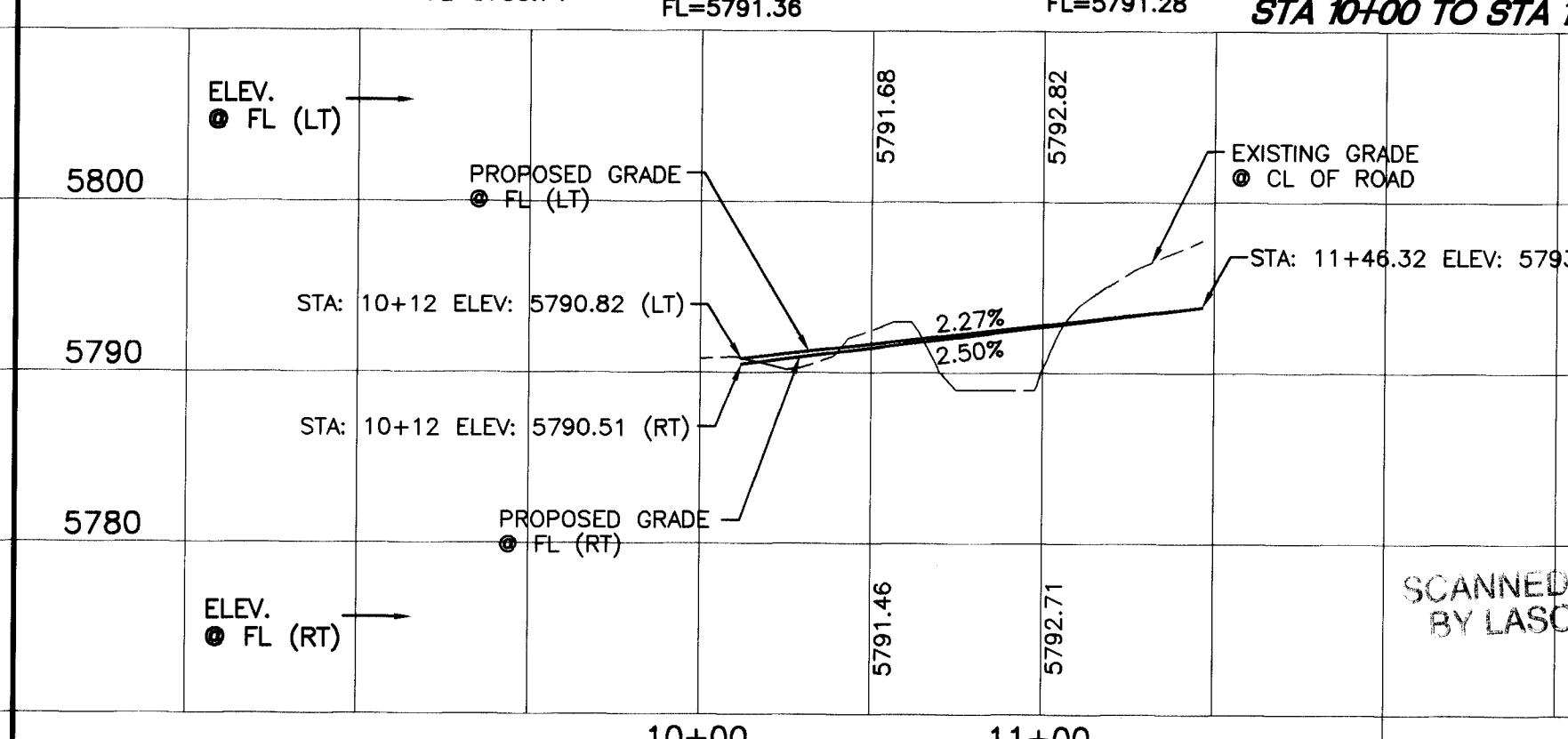


CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	17.39	15.00	66°25'18"	9.82
C2	17.39	15.00	66°25'19"	9.82
C3	19.82	10.00	113°34'41"	15.28
C4	14.36	10.00	82°15'22"	8.73
C5	2.66	2.00	76°19'20"	1.57
C6	15.71	10.00	90°00'00"	10.00
C7	15.71	10.00	90°00'00"	10.00

- KEYED NOTE:
A ALL VALLEY GUTTERS ARE PER C.O.A. STD DWG #2420.
B ALLEY GUTTERS ARE PER C.O.A. STD DWG #2415.
- NOTE:
1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMPS UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2418.



SCALE: HORIZ. 1"=50'
VERT. 1"=10'



TIERRA WEST, LLC
4421 MCLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

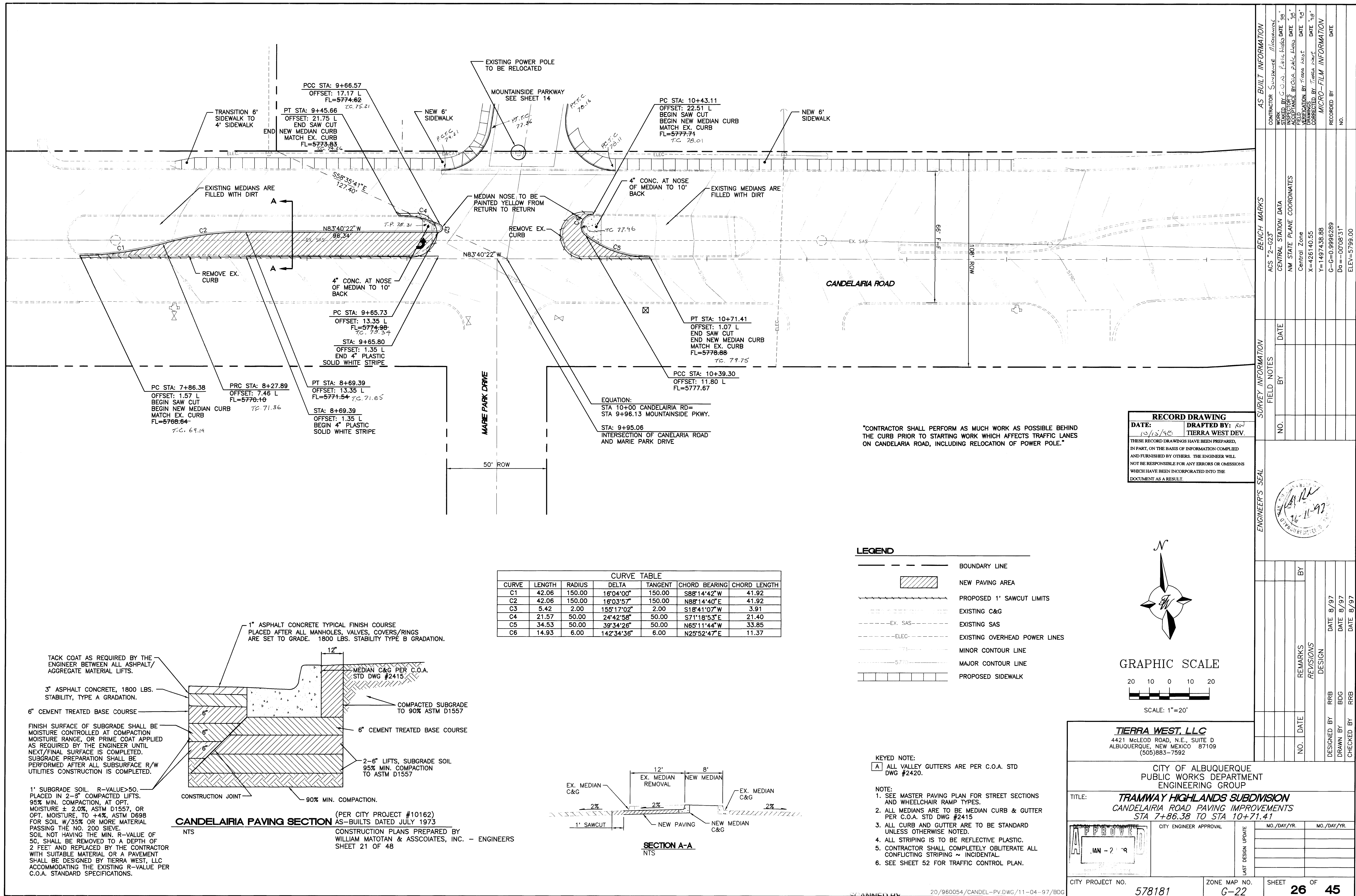
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

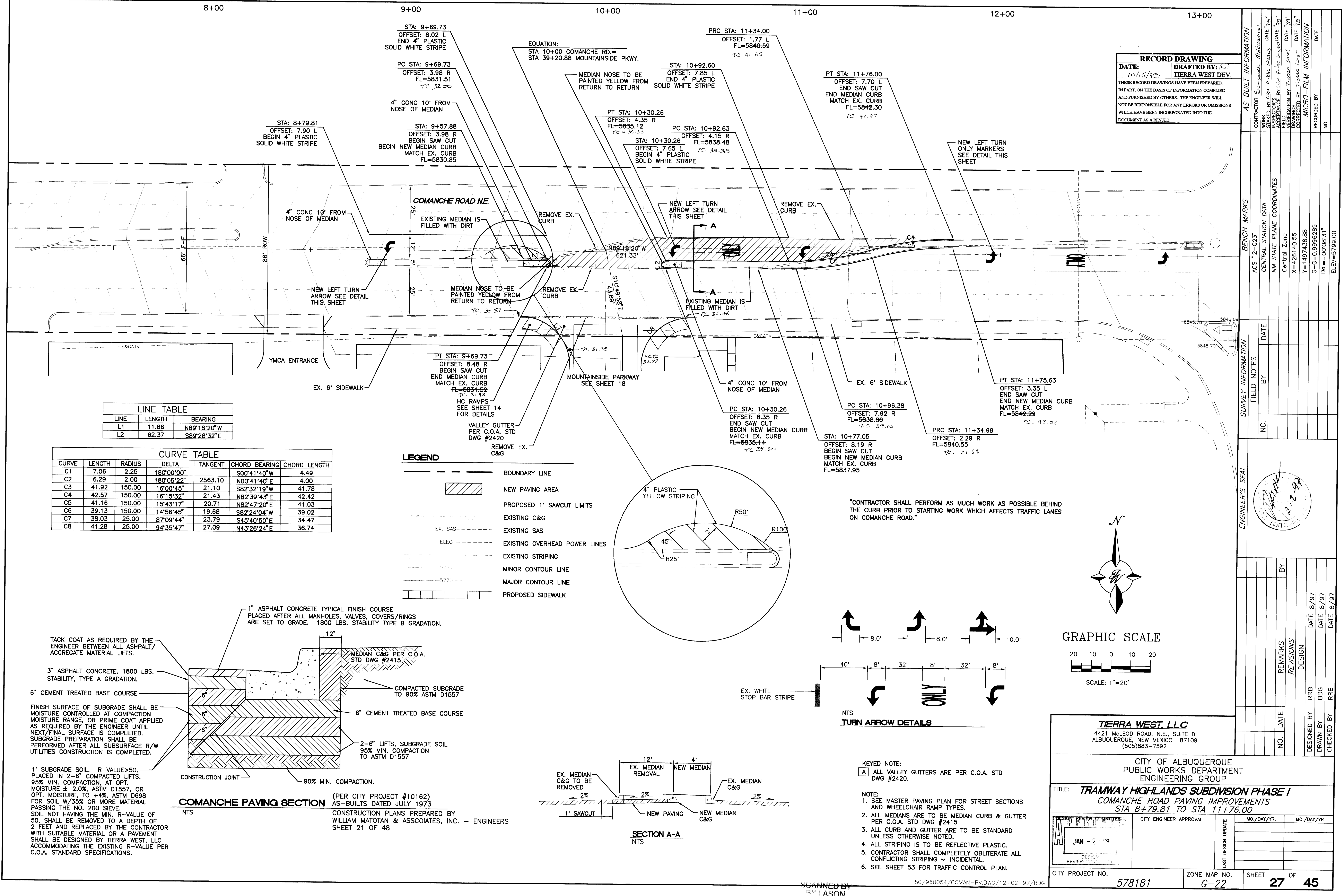
TITLE: **TRAMWAY HIGHLANDS SUBDIVISION PHASE I**
PAVING IMPROVEMENTS
LOTS 31-36 / LOTS 37-42 / LOTS 43-48 / LOTS 49-54

DESIGNED BY: RRB
DRAWN BY: RRB
CHECKED BY: RRB

DATE: 8/97
DATE: 8/97
DATE: 8/97

CITY PROJECT NO. 578181
ZONE MAP NO. G-22
SHEET 24 OF 45



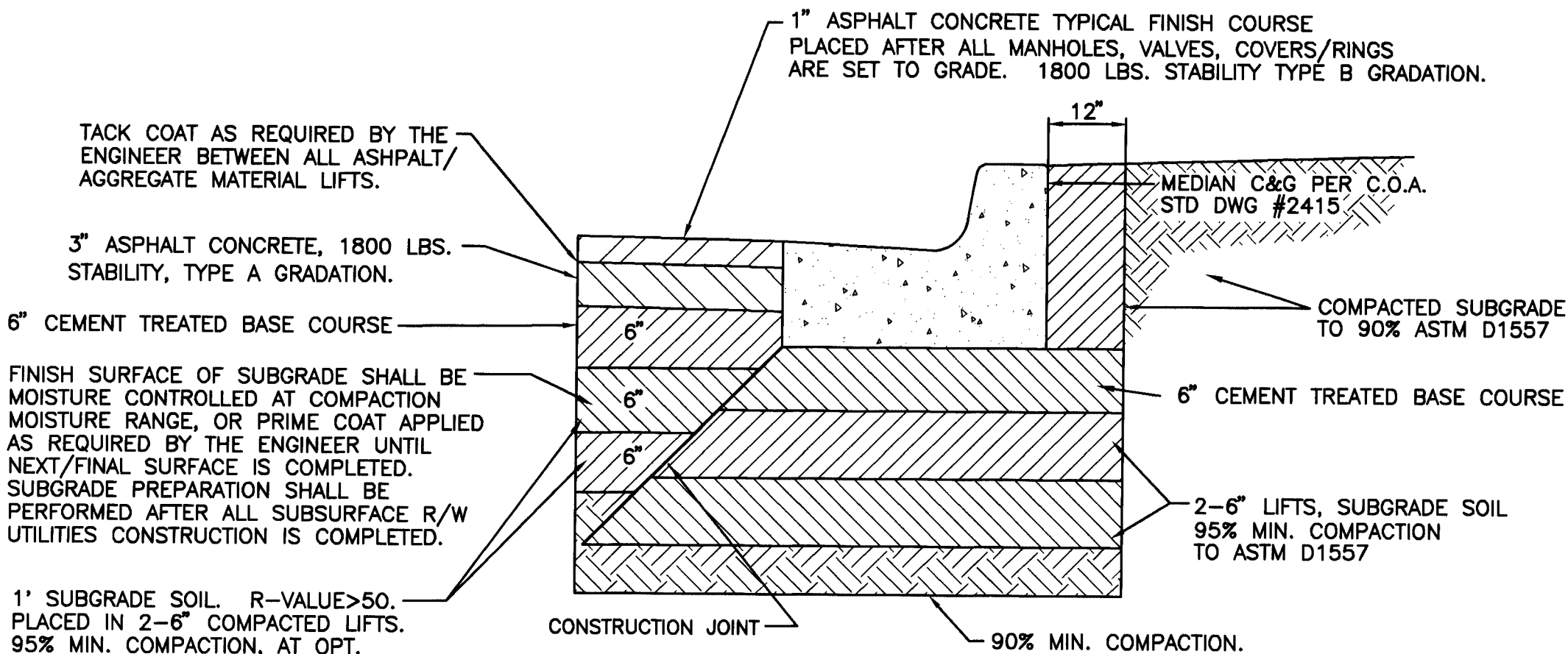


LINE TABLE		
LINE	LENGTH	BEARING
L1	11.86	N89°18'20"W
L2	62.37	S89°28'32"E

CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD BEARING	CHORD LENGTH
C1	7.06	2.25	180°00'00"	4.49	S00°41'40"W	4.49
C2	6.29	2.00	180°05'22"	2563.10	N00°41'40"E	4.00
C3	41.92	150.00	16°00'45"	21.10	S82°32'19"W	41.78
C4	42.57	150.00	16°15'32"	21.43	N82°39'43"E	42.42
C5	41.16	150.00	15°43'17"	20.71	N82°47'20"E	41.03
C6	39.13	150.00	14°56'45"	19.68	S82°44'04"W	39.02
C7	38.03	25.00	87°09'44"	23.79	S45°40'50"E	34.47
C8	41.28	25.00	94°35'47"	27.09	N43°26'24"E	36.74

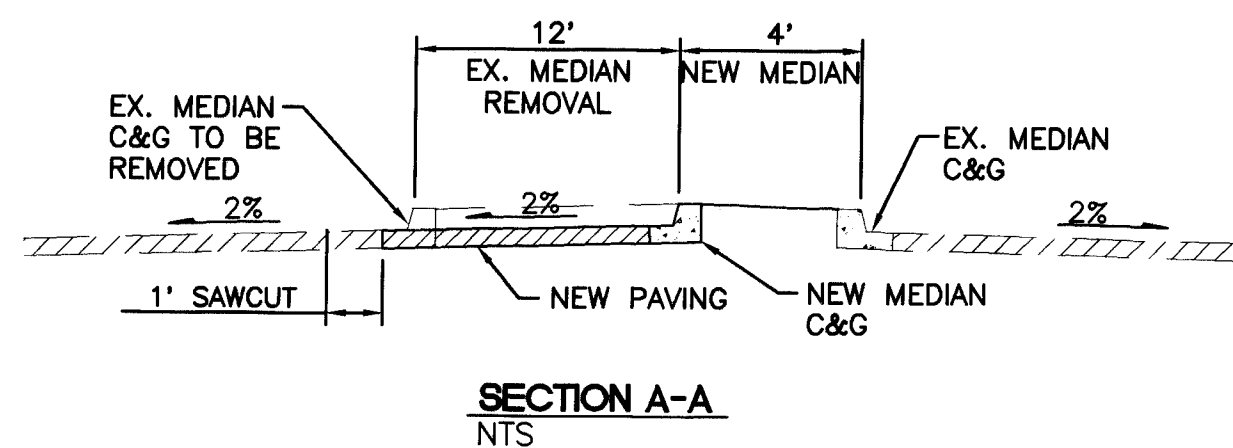
LEGEND

- BOUNDARY LINE
- NEW PAVING AREA
- PROPOSED 1' SAWCUT LIMITS
- EXISTING C&G
- EXISTING SAS
- EXISTING OVERHEAD POWER LINES
- EXISTING STRIPING
- MINOR CONTOUR LINE
- MAJOR CONTOUR LINE
- PROPOSED SIDEWALK



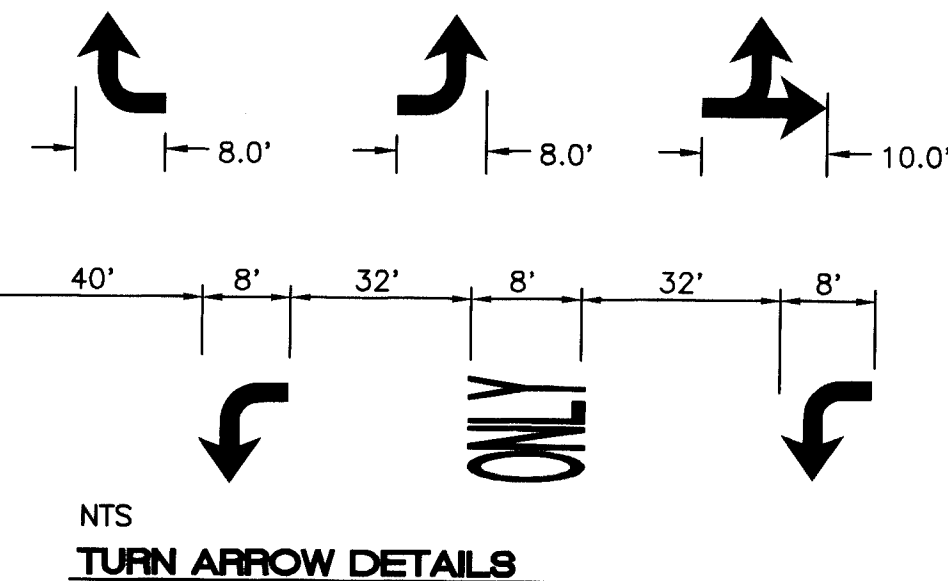
COMANCHE PAVING SECTION

(PER CITY PROJECT #10162)
AS-BUILTS DATED JULY 1973
CONSTRUCTION PLANS PREPARED BY
WILLIAM MATOTAN & ASSOCIATES, INC. - ENGINEERS
SHEET 21 OF 48



SECTION A-A

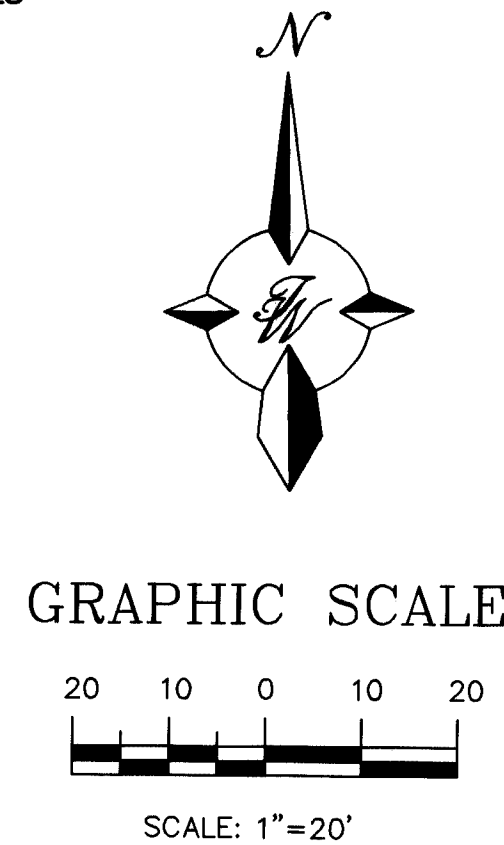
"CONTRACTOR SHALL PERFORM AS MUCH WORK AS POSSIBLE BEHIND THE CURB PRIOR TO STARTING WORK WHICH AFFECTS TRAFFIC LANES ON COMANCHE ROAD."



KEYED NOTE:
[A] ALL VALLEY GUTTERS ARE PER C.O.A. STD DWG #2420.

- NOTE:
- SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
 - ALL MEDIANS ARE TO BE MEDIAN CURB & GUTTER PER C.O.A. STD DWG #2415
 - ALL CURB AND GUTTER ARE TO BE STANDARD UNLESS OTHERWISE NOTED.
 - ALL STRIPING IS TO BE REFLECTIVE PLASTIC.
 - CONTRACTOR SHALL COMPLETELY OBLITERATE ALL CONFLICTING STRIPING ~ INCIDENTAL.
 - SEE SHEET 53 FOR TRAFFIC CONTROL PLAN.

RECORD DRAWING
DATE: 10/15/2019
DRAFTED BY: R.W.
TIERRA WEST DEV.
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TIERRA WEST, LLC
4421 McLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **TRAMWAY HIGHLANDS SUBDIVISION PHASE I**
COMANCHE ROAD PAVING IMPROVEMENTS
STA 8+79.81 TO STA 11+76.00

DESIGNED BY: RRB
DRAWN BY: BDG
CHECKED BY: RRB

DATE: 8/97
DATE: 8/97
DATE: 8/97

CITY PROJECT NO. **578181**
ZONE MAP NO. **G-22**
SHEET **27** OF **45**

BOUNDARY

LOT LINE

EXISTING SANITARY SEWER LINE

EXISTING SANITARY SEWER MANHOLE

EXISTING WATERLINE

EXISTING VALVE

EASEMENT

EXISTING C&G

SETBACK

PROPOSED SAS LINE

PROPOSED SAS MANHOLE

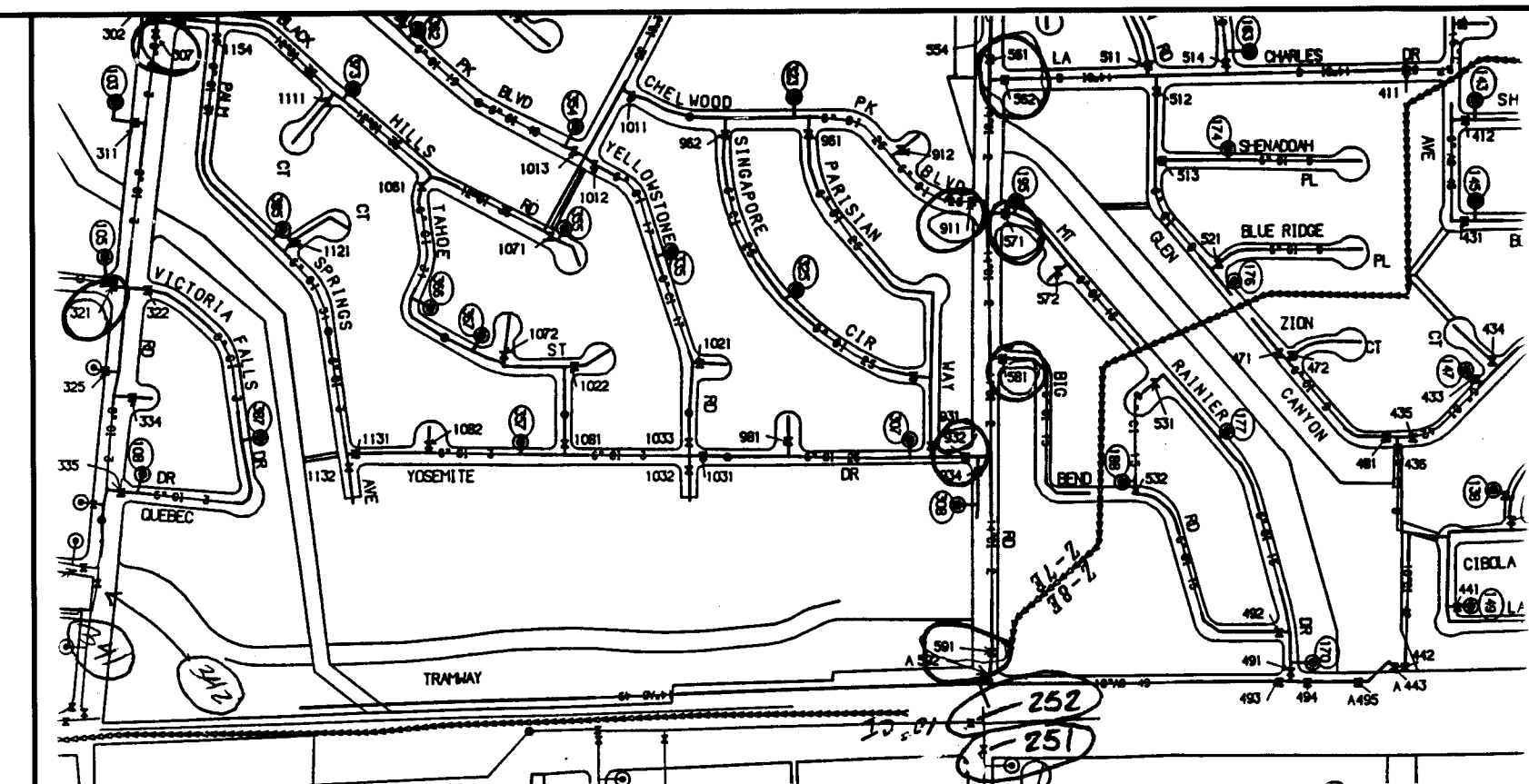
PROPOSED WATERLINE

PROPOSED VALVE

PROPOSED STORM SEWER MANHOLE

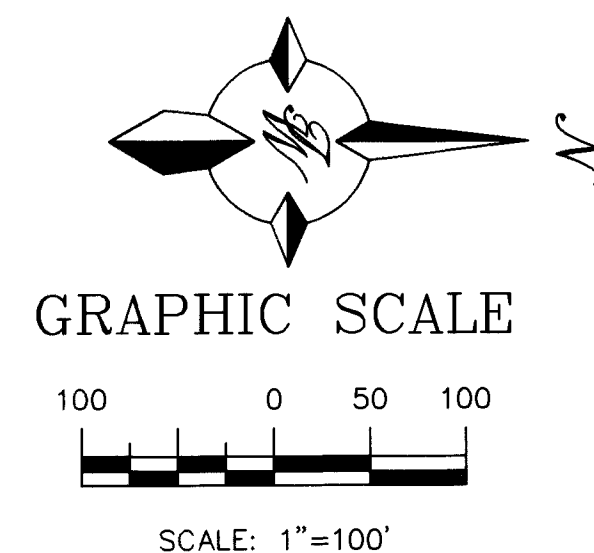
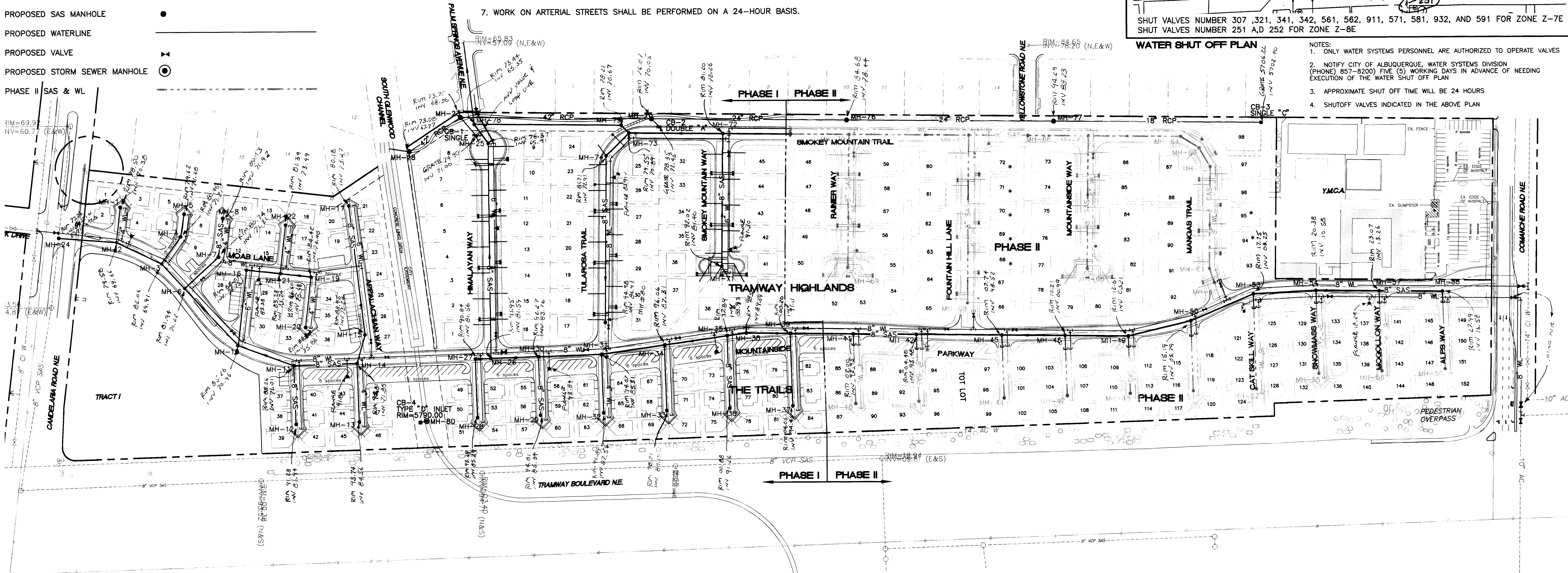
PHASE II SAS & WL

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.



NOTES:

1. ONLY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES
2. NOTIFY CITY OF ALBUQUERQUE, WATER SYSTEMS DIVISION (PHONE) 857-8200 FIVE (5) WORKING DAYS IN ADVANCE OF NEEDING EXECUTION OF THE WATER SHUT OFF PLAN
3. APPROXIMATE SHUT OFF TIME WILL BE 24 HOURS
4. SHUTOFF VALVES INDICATED IN THE ABOVE PLAN



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DESIGN REVIEW COMMITTEE

APPROVE

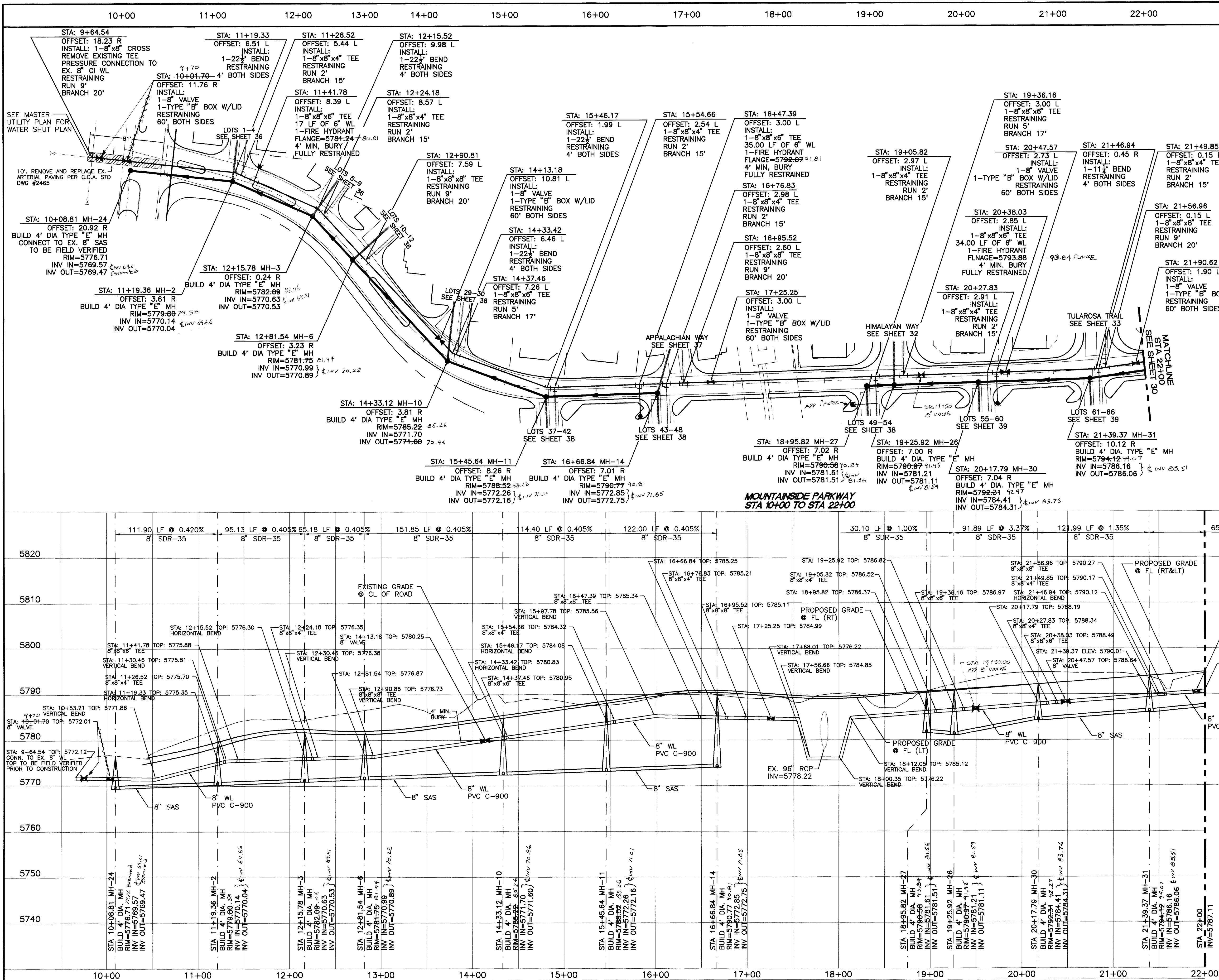
JAN - 2 1983

DESIGN
REVIEW COMMITTEE

CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

SURVEY INFORMATION			BENCH MARKS		AS BUILT INFORMATION			
NO.	FIELD NOTES		CENTRAL STATION DATA	NM STATE PLANE COORDINATES	CONTRACTOR	SURVEYANCE TECHNIQUE		
	BY	DATE				WORK PERFORMED BY CGS PUBLIC WORKS	DATE "96"	
			ACS "2-923"		INSPECTION ACCEPTANCE BY CGS PUBLIC WORKS	DATE "96"		
			Central Zone		FIELD VERIFICATION BY Tidcoast West	DATE "98"		
			X=426140.55		DRAWINGS CORRECTED BY Tidcoast West	DATE "98"		
			Y=1497438.88		MICRO-FILM INFORMATION			
			G-G=0.9996289		RECORDED BY	DATE		
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			ELEV=5799.00					

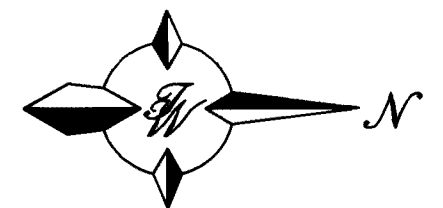
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RECORD DRAWING
DATE: 10/15/93
DRAFTED BY: RLD
TIERRA WEST DEV.
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.

NOTE:
1. SEE MASTER UTILITY PLAN FOR SANITARY SEWER SERVICE CONNECTION DETAILS.
2. ALL FIRE HYDRANTS ARE BUILD C.O.A. STD DWG #2340 W/BLOCKING

CAUTION:
EXISTING UTILITIES THAT ARE NOT SHOWN, IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.



SCALE: HORIZ. 1"=50'
VERT. 1"=10'

AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	SWANSON (Mechanical)	STATION	DATE	ACS "2"-G23"	CENTRAL STATION DATA	DATE	NO.	FIELD NOTES	DATE	BY	NO.				
STAKED BY	CON. Public Works	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE				
INSPECTED BY	CON. Public Works	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	REMARKS	REVISIONS	DESIGN	BY
VERIFIED BY	CON. Public Works	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	NO.	DATE	DATE	DATE
CORRECTED BY	CON. Public Works	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DESIGNED BY	RRB	DATE	8/97
RECORDED BY	CON. Public Works	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DRAWN BY	BOG	DATE	8/97
NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	CHECKED BY	RRB	DATE	8/97

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4421 McLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

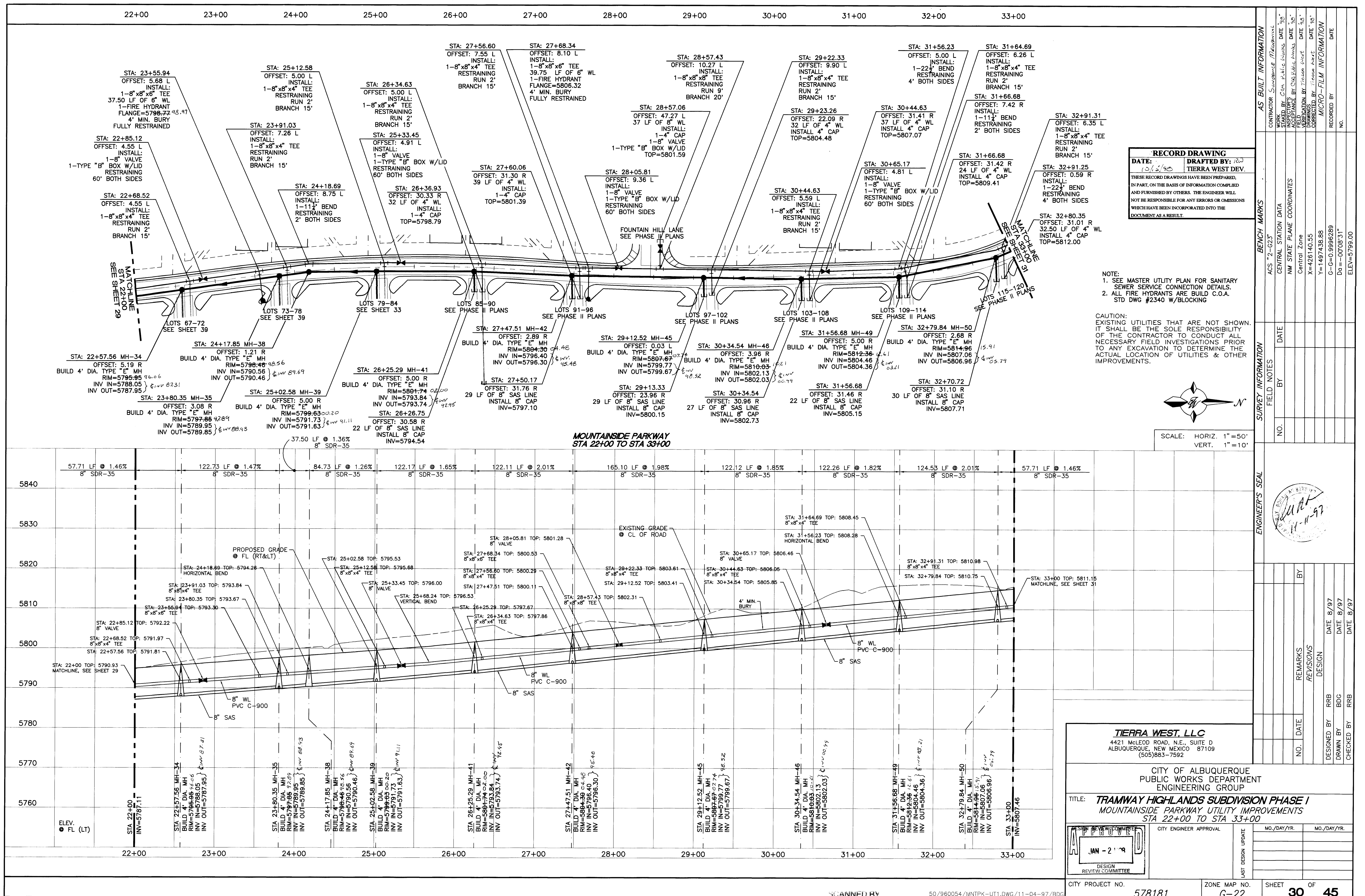
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

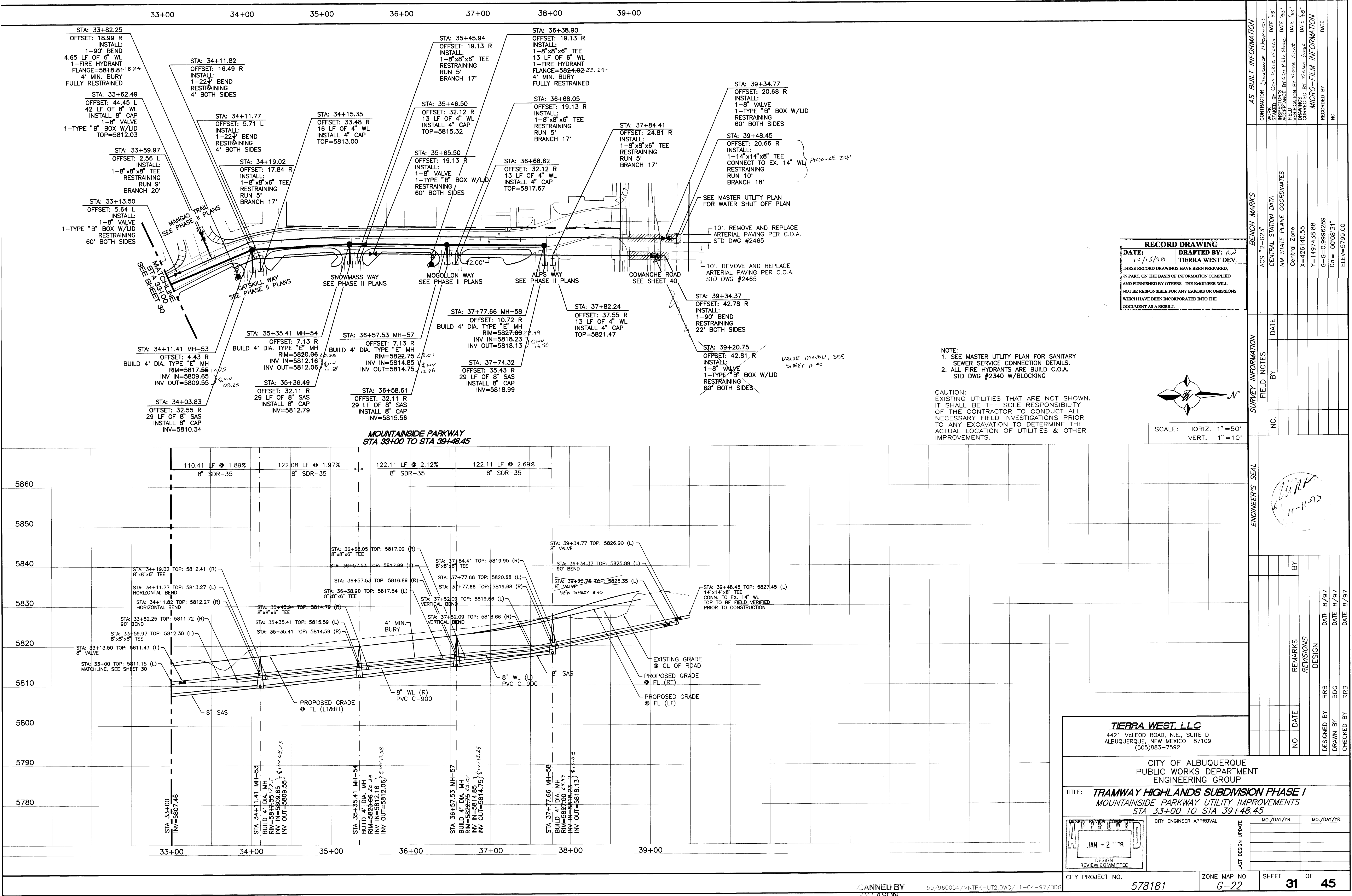
TITLE: **TRAMWAY HIGHLANDS SUBDIVISION PHASE I**
MOUNTAINSIDE PARKWAY UTILITY IMPROVEMENTS
STA 10+00 TO STA 22+00

DESIGNER: [Signature]
REVIEWER: [Signature]

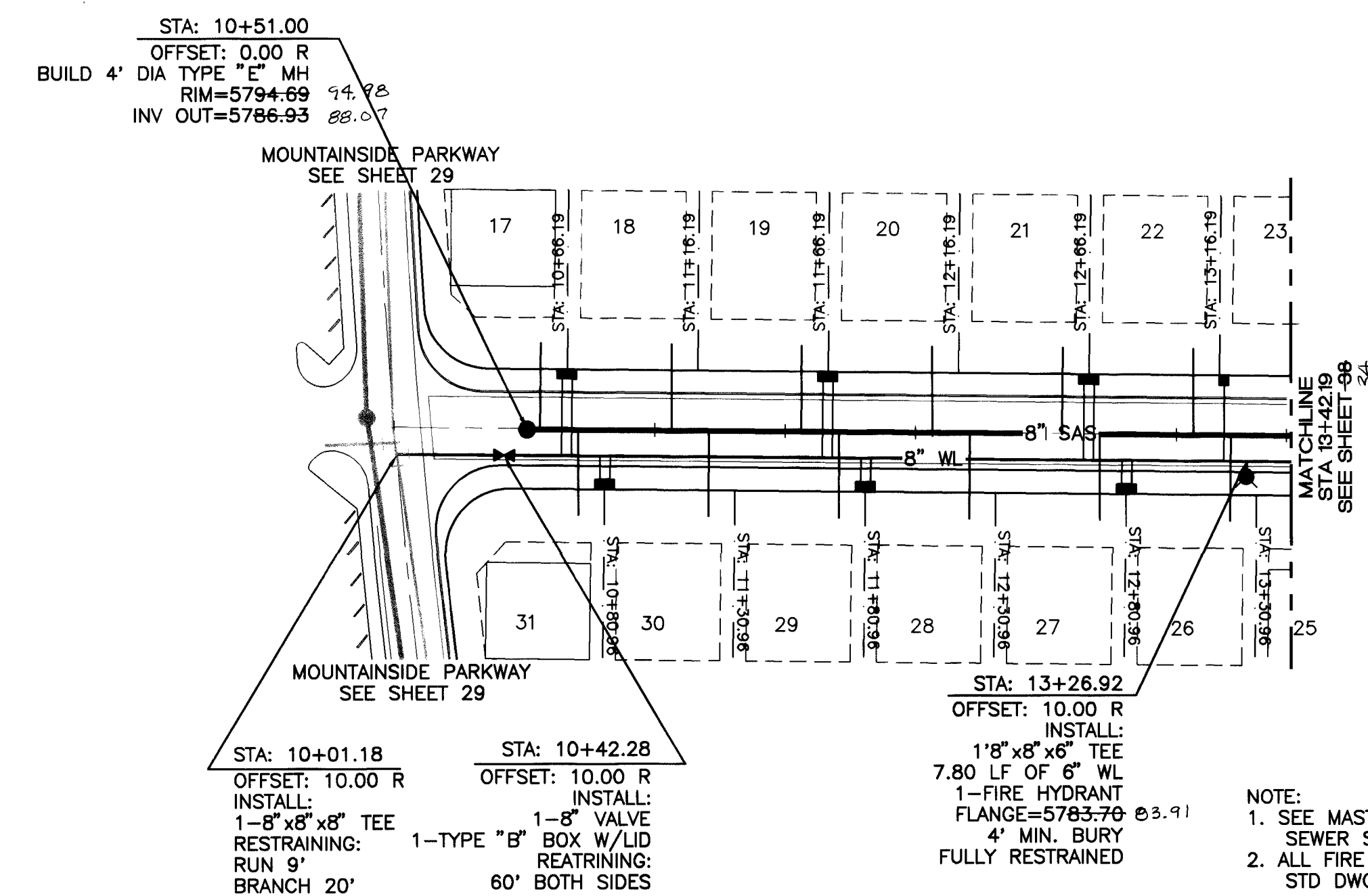
CITY ENGINEER APPROVAL: [Signature]
LAST DESIGN UPDATE: [Signature]

CITY PROJECT NO. **578181** ZONE MAP NO. **G-22** SHEET **29** OF **45**





<u>WL TABLE</u>		
LOT #	STATION	SERVICE
17&18	10+66.19	DOUBLE
19&20	11+66.19	DOUBLE
21&22	12+66.19	DOUBLE
23	13+16.19	SINGLE
26&27	12+80.96	DOUBLE
28&29	11+80.96	DOUBLE
30&31	10+80.96	DOUBLE



TULAROSA TRAIL
STA 9+89.36 TO STA 13+42.19

* END OF SERVICE LINE

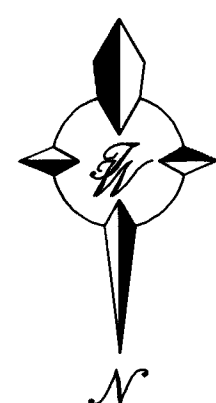
SAS TABLE

LOT #	STATION*	LF	INV.*	ELEV. * PL
17	10+56.19	33	5789.14	5795.14
18	11+06.19	33	5788.20	5794.20
19	11+56.19	33	5785.21	5791.21
20	12+06.19	33	5782.53	5788.53
21	12+56.19	33	5780.46	5786.46
22	13+06.19	33	5778.46	5784.46
26	13+20.87	33	5777.87	5783.87
27	12+70.87	33	5779.87	5785.87
28	12+20.87	33	5782.82	5788.82
29	11+70.87	33	5784.35	5790.35
30	11+20.87	33	5787.56	5793.56
31	10+70.96	33	5789.31	5795.31

NOTE:

1. SEE MASTER UTILITY PLAN FOR SANITARY SEWER SERVICE CONNECTION DETAILS.
2. ALL FIRE HYDRANTS ARE BUILD C.O.A. STD DWG #2340 W/BLOCKING

CAUTION:
EXISTING UTILITIES THAT ARE NOT SHOWN.
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS.



SCALE: HORIZ. 1"=50'
VERT. 1"=10'

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* @ END OF SERVICE LINE
      SAS TABLE

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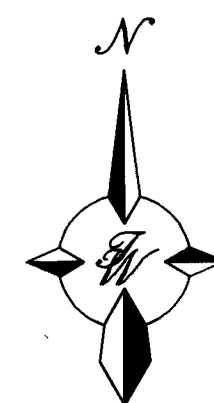
LOT #	STATION*	LF	INV.*	ELEV. @ PL
79	10+80.10	16	5796.20	5802.10
80	11+12.38	16	5797.17	5803.17
81	11+65.94	22	5798.78	5804.78
82	10+83.10	22	5796.58	5802.58
83	11+35.10	25	5797.97	5803.97
84	11+65.94	26	5798.80	5804.80

LOT #	STATION	SERVICE
79	10+89.14	SINGLE
80&81	11+59.10	DOUBLE
82	10+89.14	SINGLE
83&84	11+59.10	DOUBLE

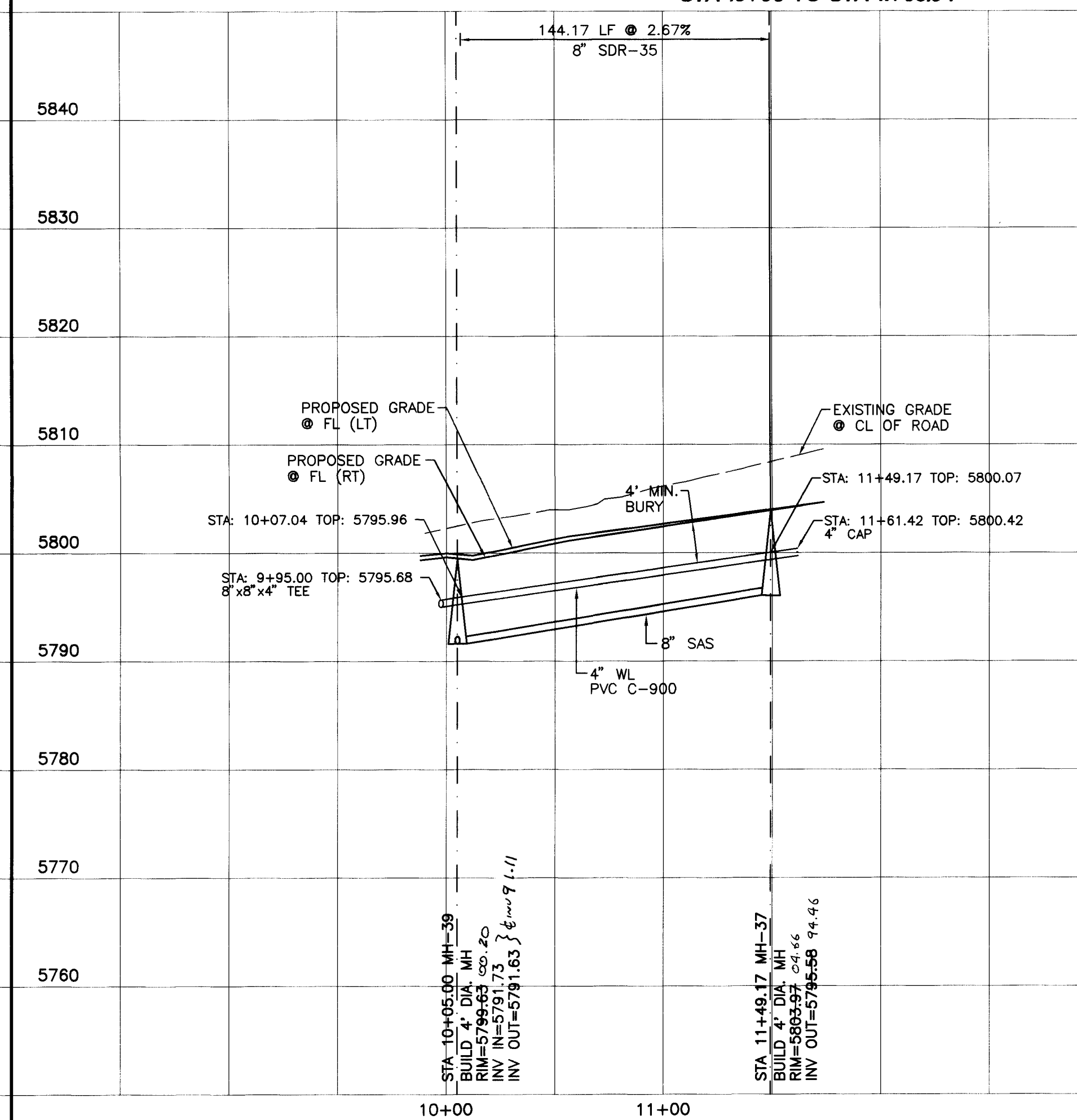
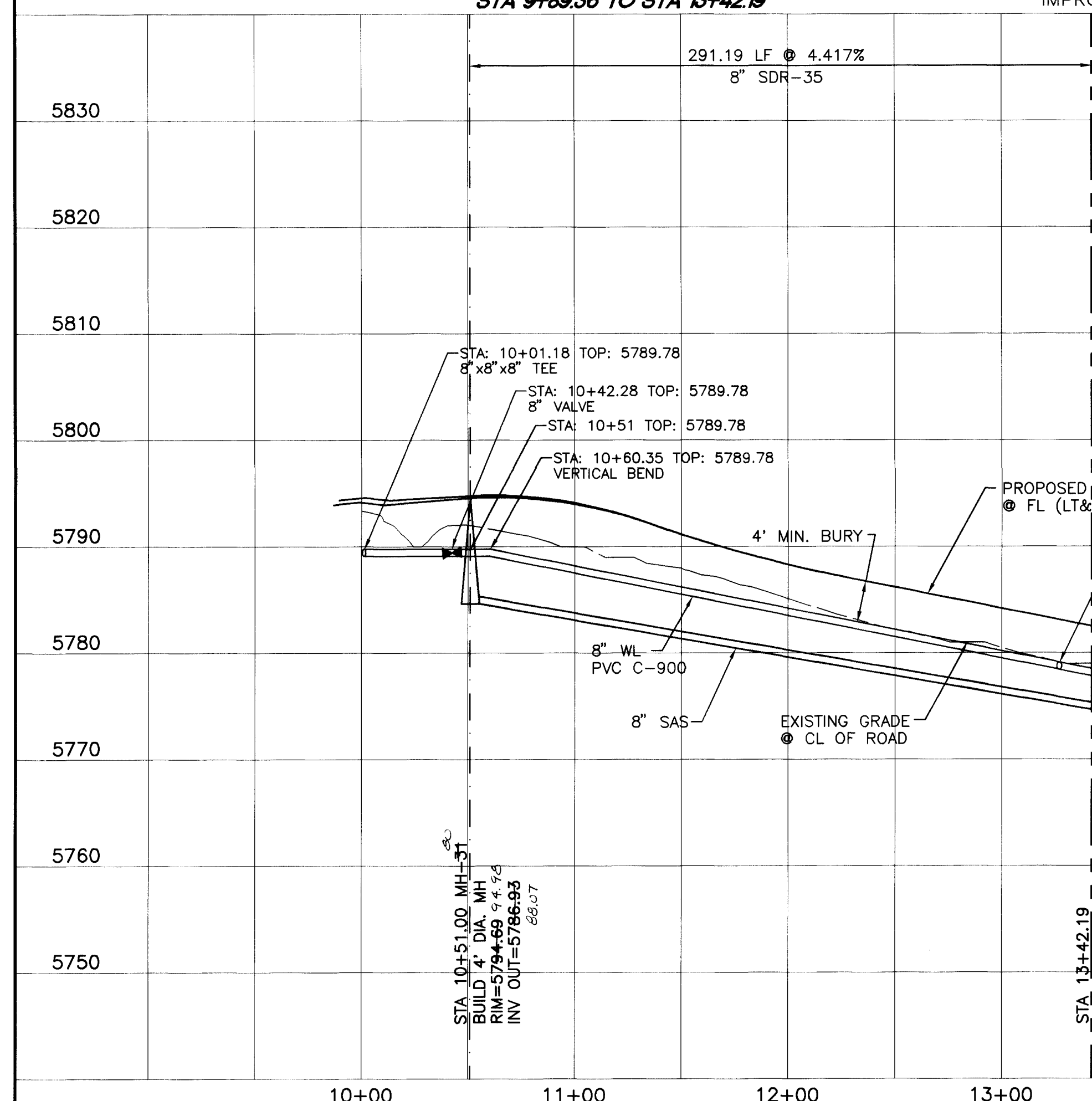
RECORD DRAWING	
DATE: 10/15/90	DRAFTED BY: RW TIERRA WEST DEV.
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NOTE:
1. SEE MASTER UTILITY PLAN FOR SANITARY
SEWER SERVICE CONNECTION DETAILS.
2. ALL FIRE HYDRANTS ARE BUILD C.O.A.
STD DWG #2340 W/BLOCKING

CAUTION:
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IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS.



SCALE: HORIZ. 1"=50'
VERT. 1"=10'



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(505)883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ***TRAMWAY HIGHLANDS SUBDIVISION PHASE I***
UTILITY IMPROVEMENTS
TULAROSA TRAIL / LOTS 79-84

DESIGN REVIEW COMMITTEE

APPROVE

IAN - 2 1988

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

AST DESIGN UPDATE

BY	REMARKS	DATE	NO.
REVSIONS			
DESIGN			
	RRB	DESIGNED BY	DATE 8/97
	BDG	DRAWN BY	DATE 8/97
	BBB	CHECKED BY	DATE 8/97

/97

2000

RRE

DESIGNED

10

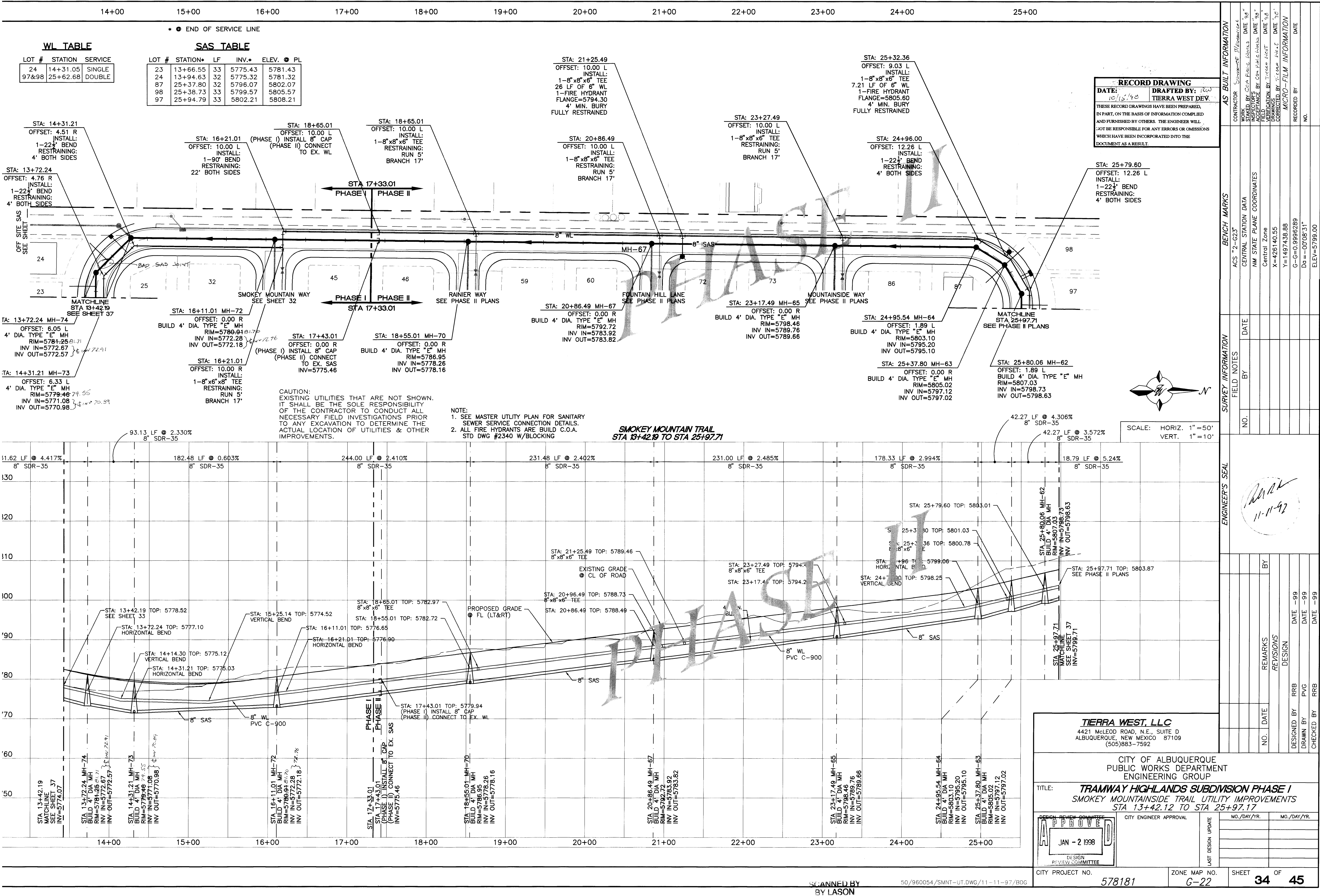
D./DAY

44

CITY PROJECT NO.	578181
------------------	--------

ZONE MAP NO
G-22

SHEET **33** OF **45**



WL TABLE

LOT #	STATION	SERVICE
24	14+31.05	SINGLE
97&98	25+62.68	DOUBLE

SAS TABLE

LOT #	STATION*	LF	INV.*	ELEV. @ PL
23	13+66.55	33	5775.43	5781.43
24	13+94.63	32	5775.32	5781.32
87	25+37.80	32	5796.07	5802.07
98	25+38.73	33	5799.57	5805.57
97	25+94.79	33	5802.21	5808.21

RECORD DRAWING

DATE: 10/15/10 DRAFTED BY: TWD
TIERRA WEST DEV.

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AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	Subcontract	MECHANICAL	WORK	STAKED BY	C&G	DATE	DATE	NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
INSPECTOR'S	DATE	DATE	DATE	FIELD	DATE	DATE	DATE	NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
VERIFICATION	DATE	DATE	DATE	DATE	DATE	DATE	DATE	NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
CORRECTED	DATE	DATE	DATE	DATE	DATE	DATE	DATE	NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
RECORDED	DATE	DATE	DATE	DATE	DATE	DATE	DATE	NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
NO.	DATE	DATE	DATE	DATE	DATE	DATE	DATE	NO.	DATE	BY	NO.	DATE	BY	NO.	DATE

TIERRA WEST, LLC
4421 McLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

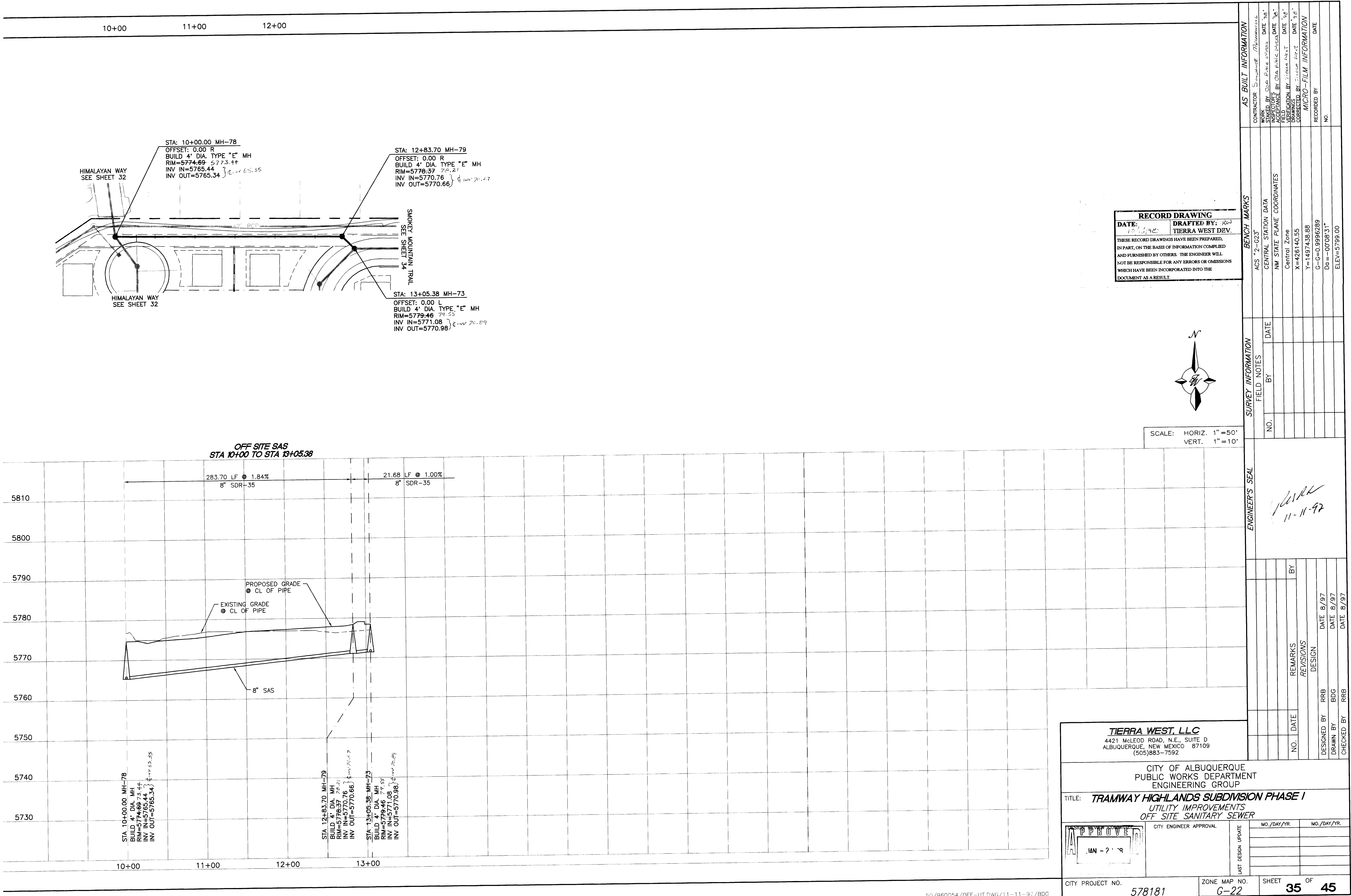
TITLE: **TRAMWAY HIGHLANDS SUBDIVISION PHASE I**
SMOKEY MOUNTAIN TRAIL UTILITY IMPROVEMENTS
STA 13+42.12 TO STA 25+97.17

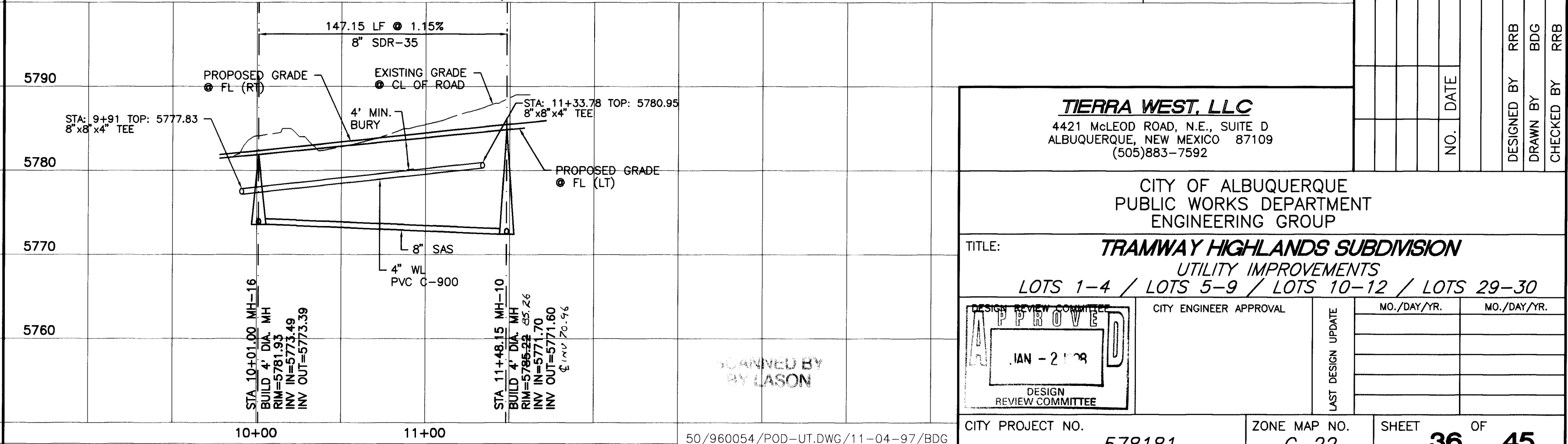
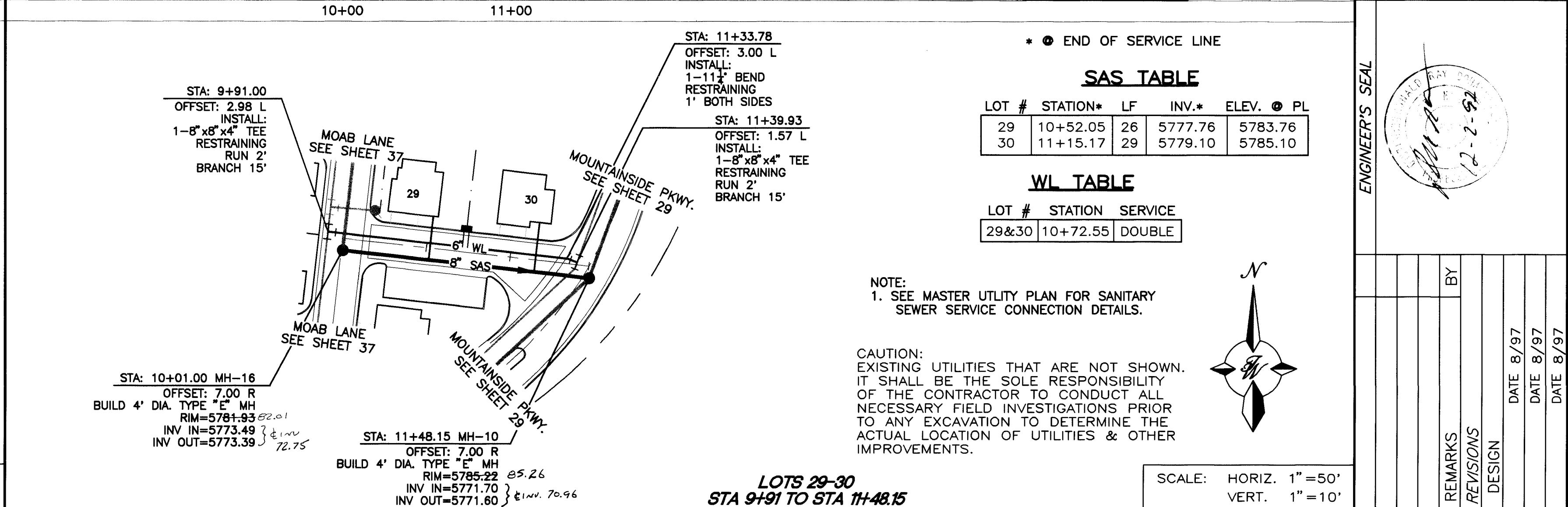
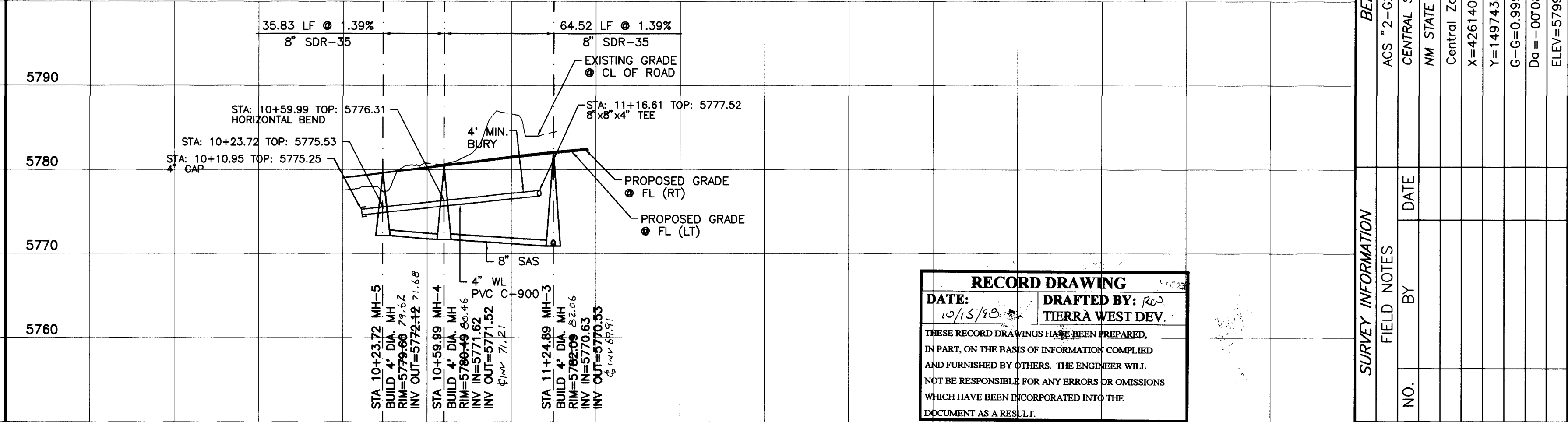
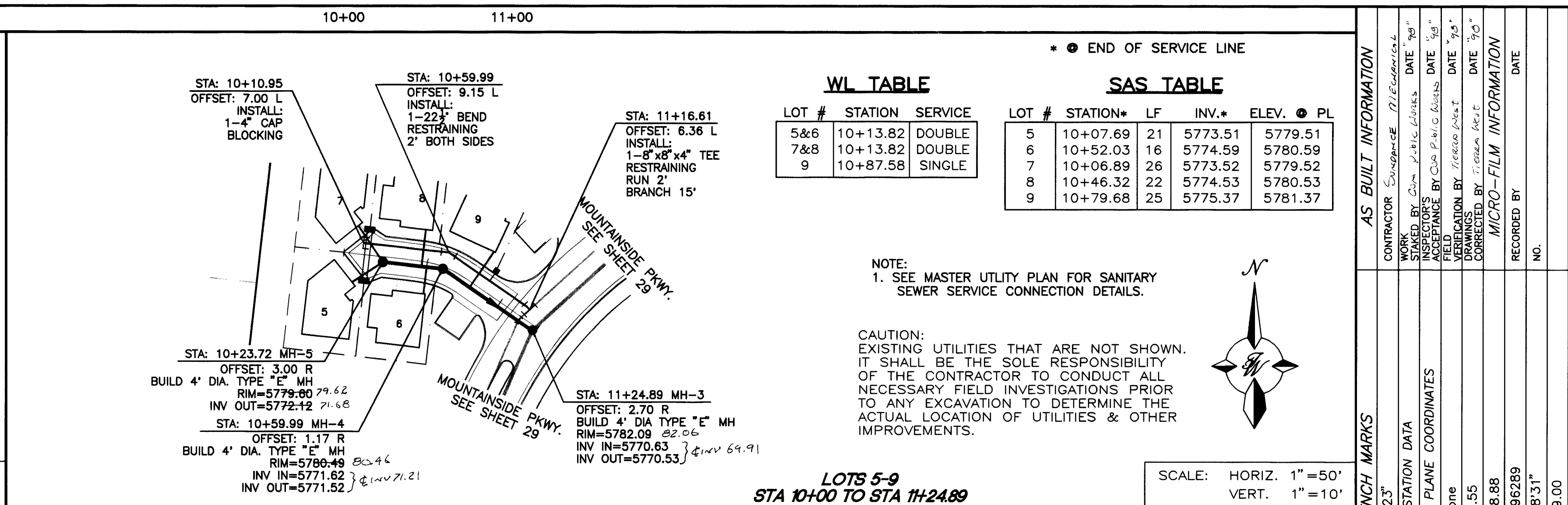
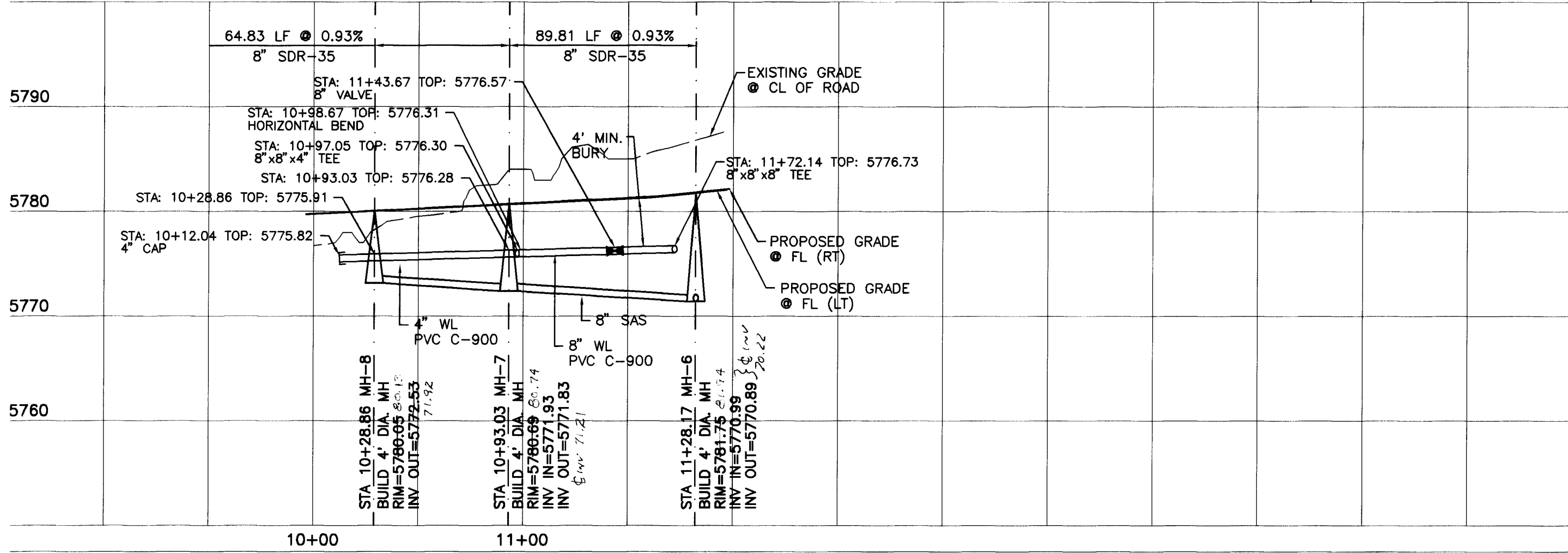
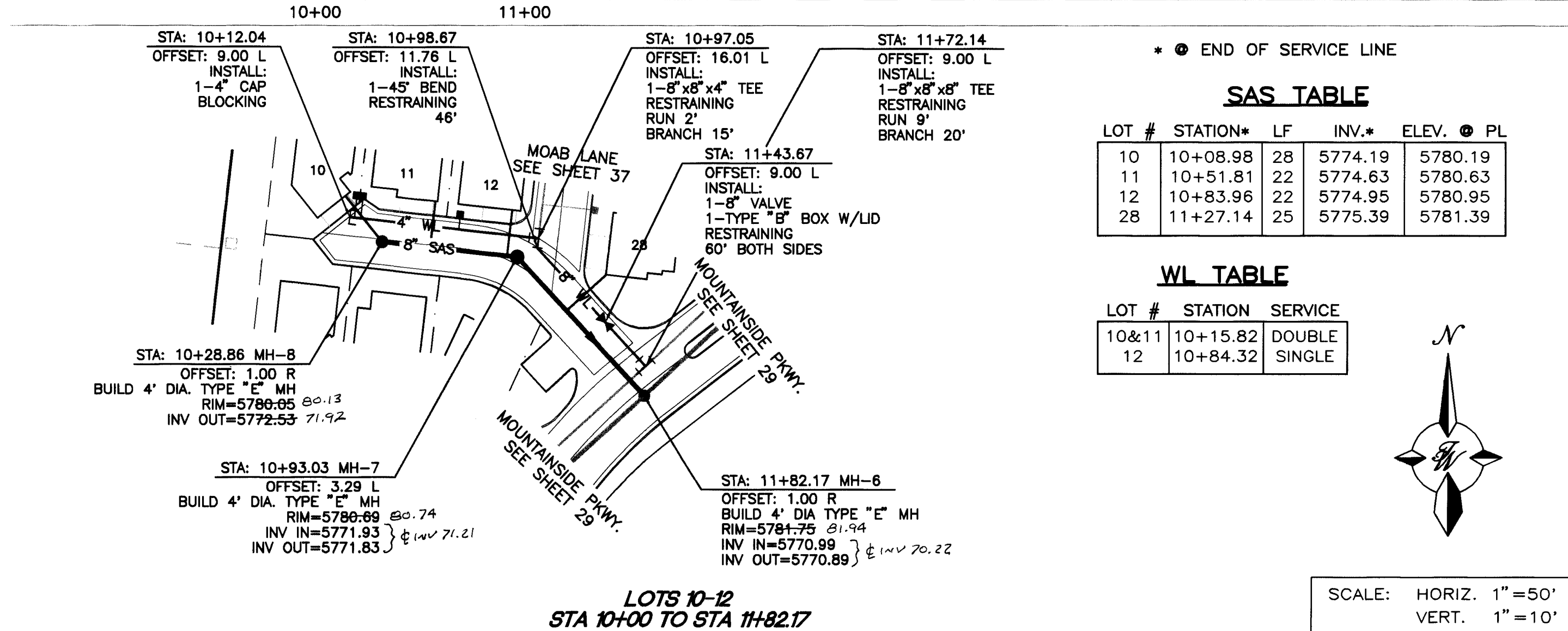
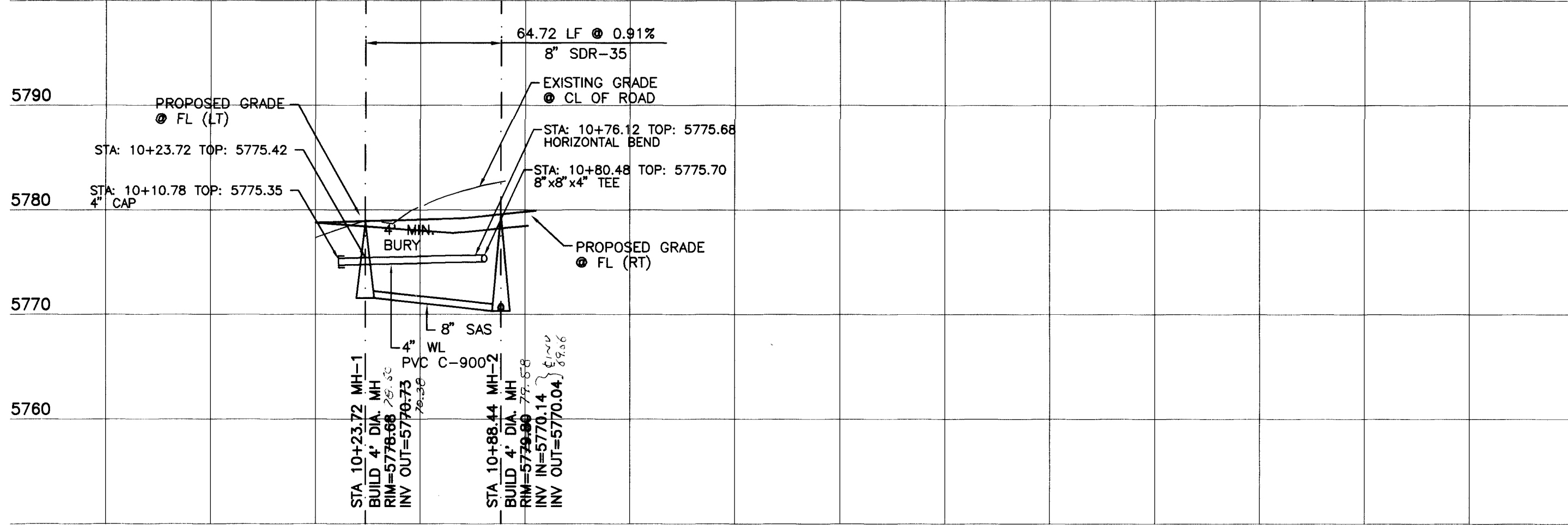
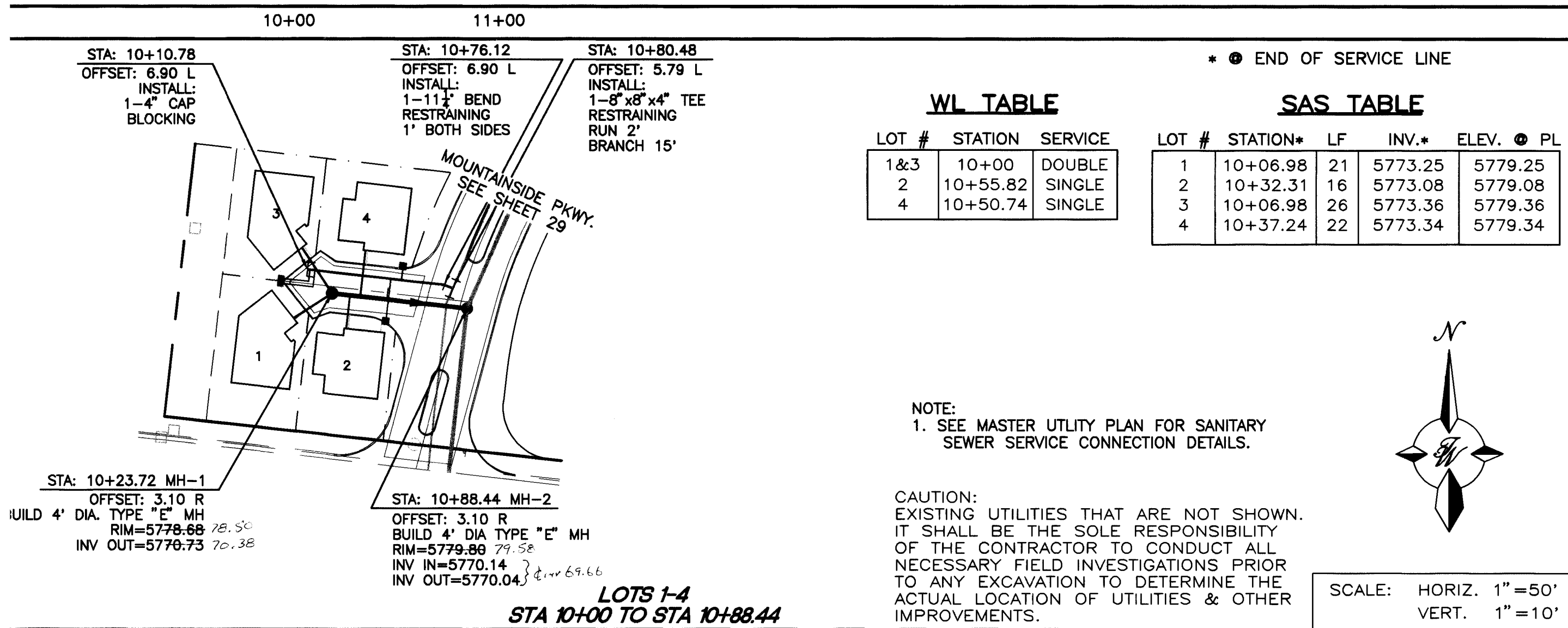
DESIGN REVIEW COMMITTEE
APPROVE
JAN - 2 1998
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL
MO./DAY/YR. MO./DAY/YR.

DESIGNED BY: RRB DATE: -99
DRAWN BY: PVG DATE: -99
CHECKED BY: RRB DATE: -99

CITY PROJECT NO. **578181** ZONE MAP NO. **G-22** SHEET **34** OF **45**

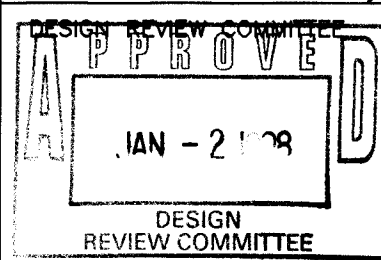


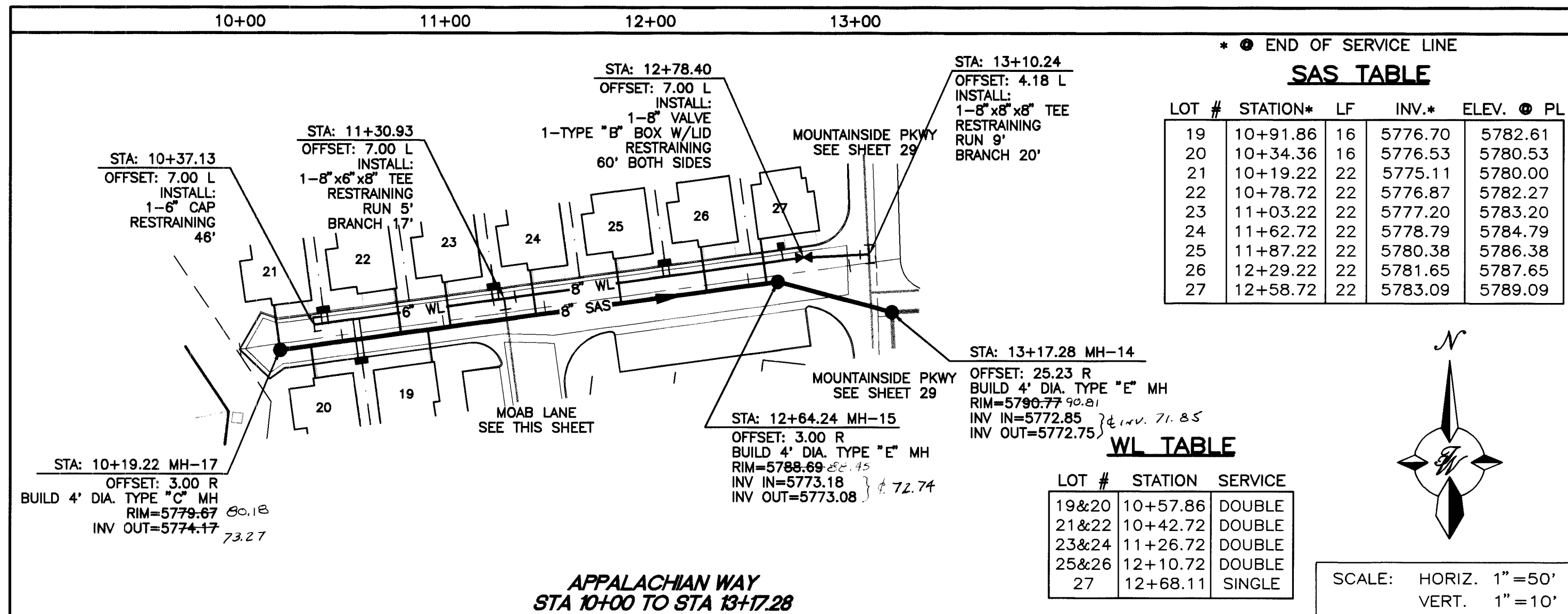


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(505)883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **TRAMWAY HIGHLANDS SUBDIVISION**
UTILITY IMPROVEMENTS
LOTS 1-4 / LOTS 5-9 / LOTS 10-12 / LOTS 29-30



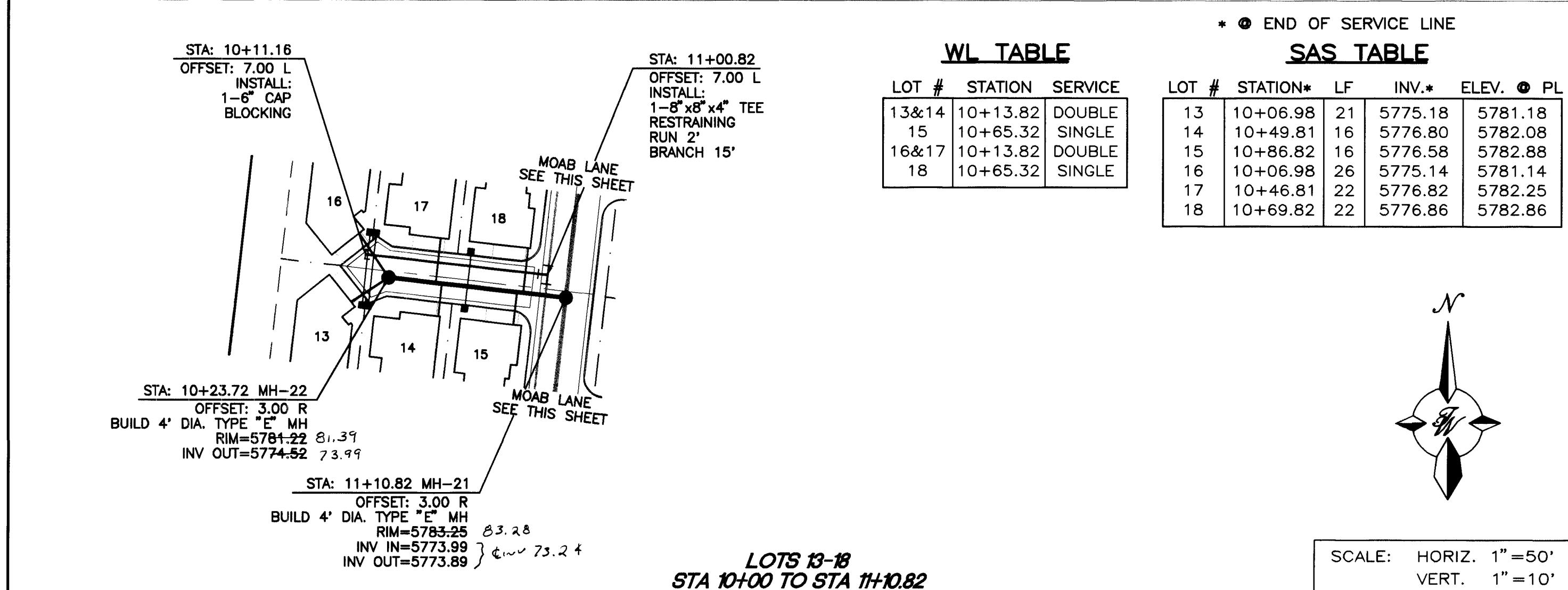
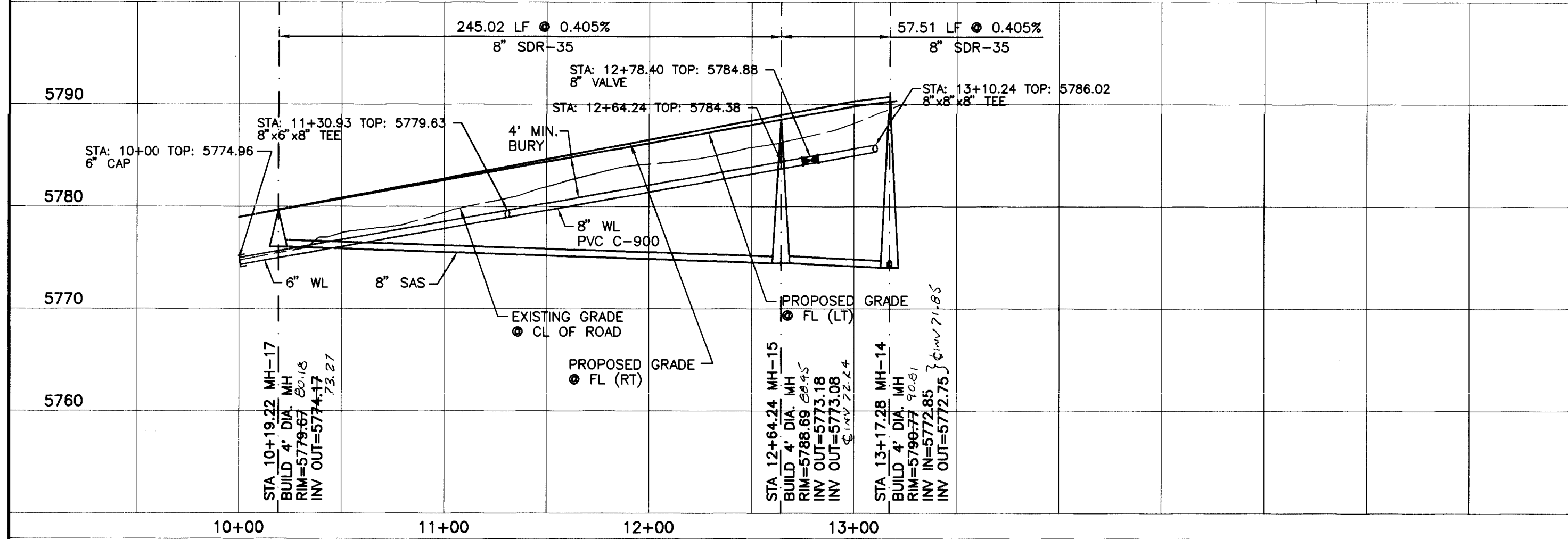


• END OF SERVICE LINE

LOT #	STATION*	LF	INV.*	ELEV. • PL
19	10+91.86	16	5776.70	5782.61
20	10+34.36	16	5776.53	5780.53
21	10+19.22	22	5775.11	5780.00
22	10+78.72	22	5776.87	5782.27
23	11+03.22	22	5777.20	5783.20
24	11+62.72	22	5778.79	5784.79
25	11+87.22	22	5780.38	5786.38
26	12+29.22	22	5781.65	5787.65
27	12+58.72	22	5783.09	5789.09

WL TABLE

LOT #	STATION	SERVICE
19&20	10+57.86	DOUBLE
21&22	10+42.72	DOUBLE
23&24	11+26.72	DOUBLE
25&26	12+10.72	DOUBLE
27	12+68.11	SINGLE

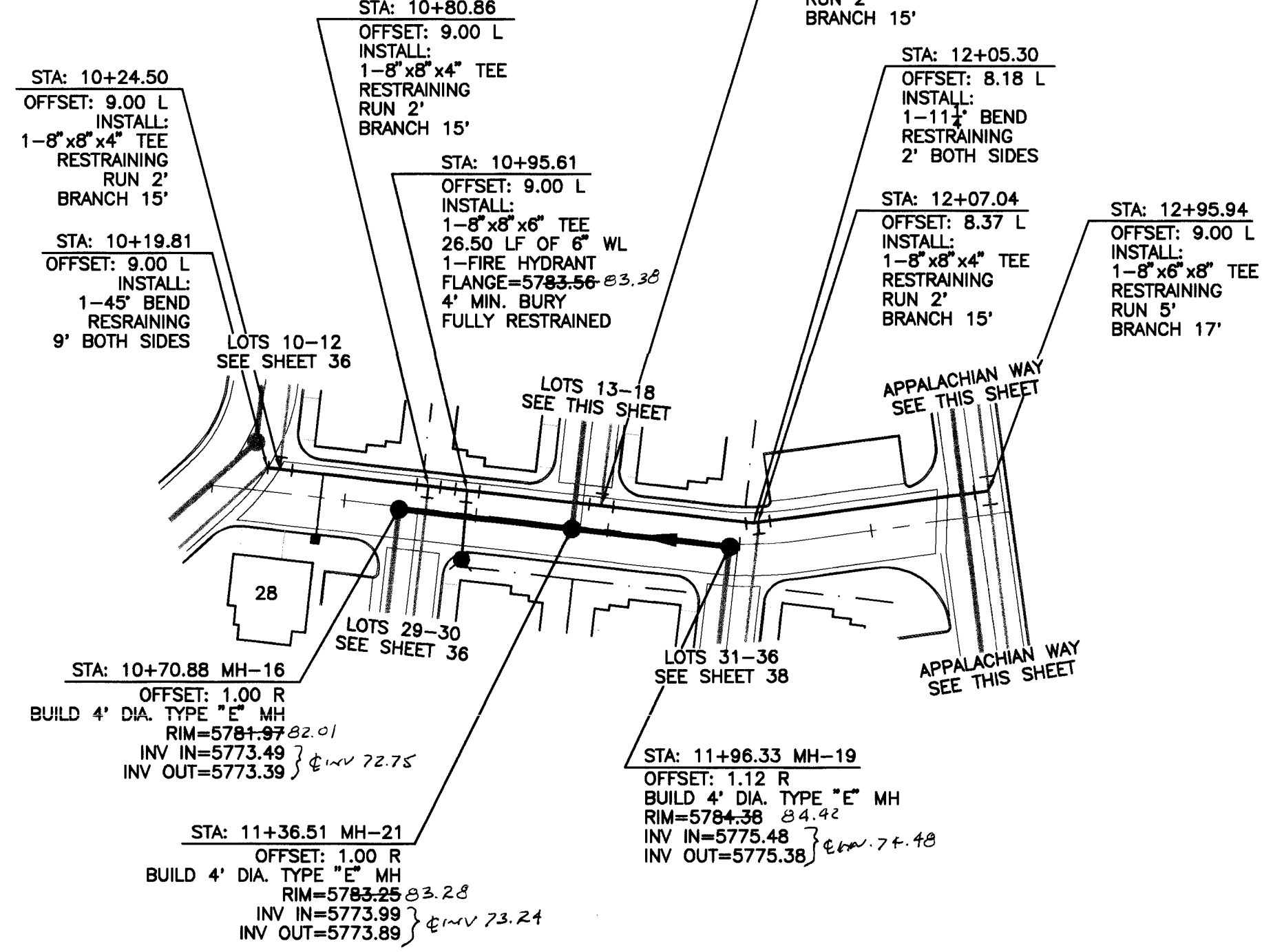
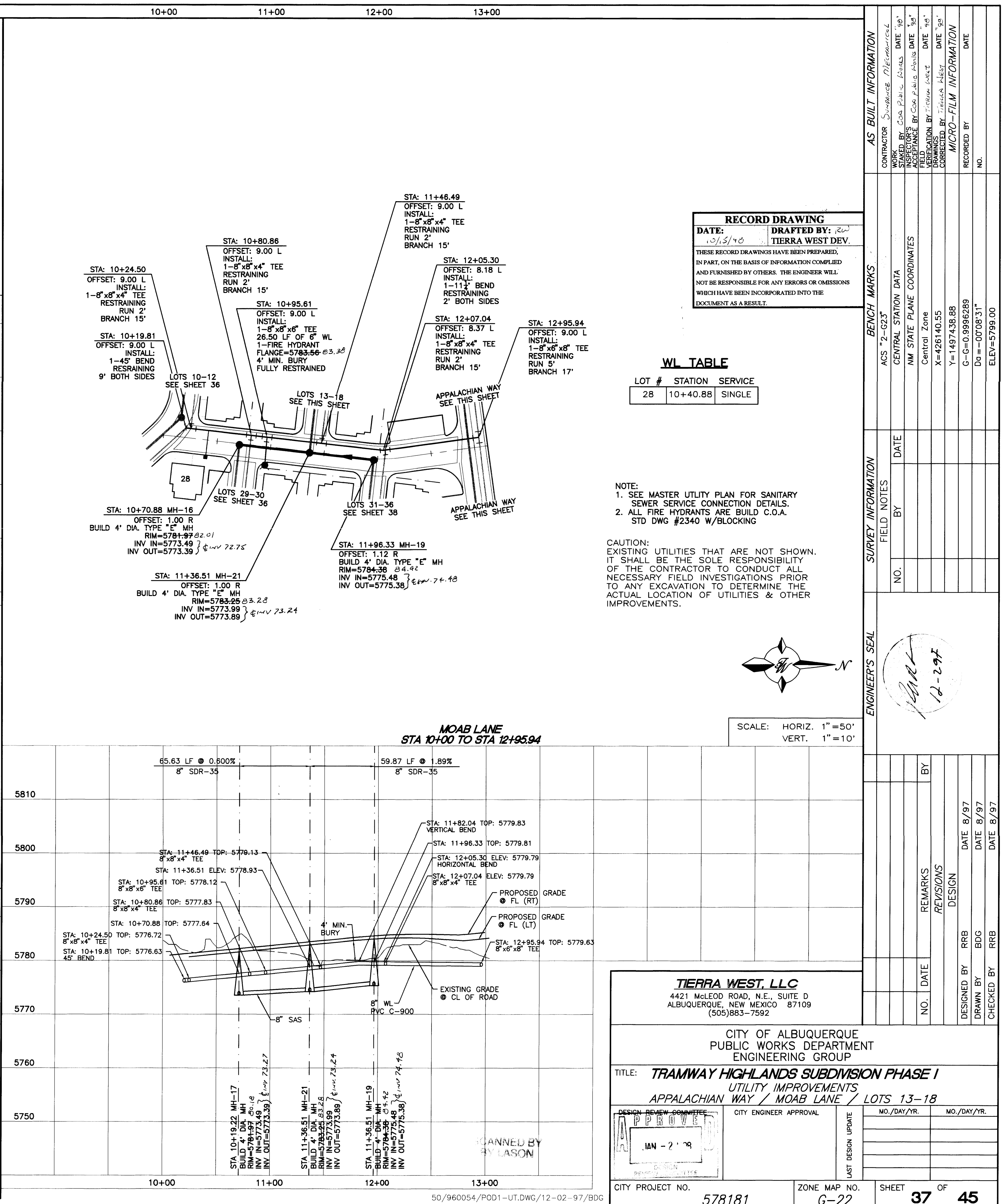
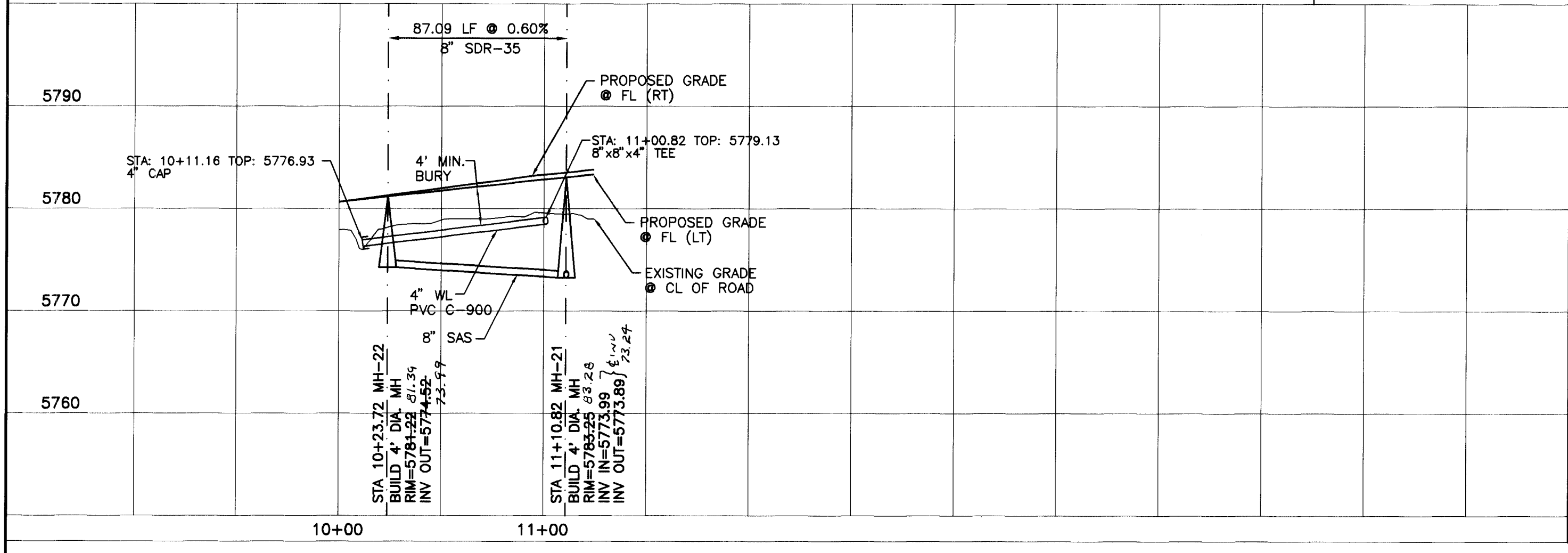


WL TABLE

LOT #	STATION	SERVICE
13&14	10+13.82	DOUBLE
15	10+65.32	SINGLE
16&17	10+13.82	DOUBLE
18	10+65.32	SINGLE

• END OF SERVICE LINE

LOT #	STATION*	LF	INV.*	ELEV. • PL
13	10+06.98	21	5775.18	5781.18
14	10+49.81	16	5776.80	5782.08
15	10+86.82	16	5776.58	5782.88
16	10+06.98	26	5775.14	5781.14
17	10+46.81	22	5776.82	5782.25
18	10+69.82	22	5776.86	5782.86



TERRA WEST, LLC
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ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **TRAMWAY HIGHLANDS SUBDIVISION PHASE I**
UTILITY IMPROVEMENTS
APPALACHIAN WAY / MOAB LANE / LOTS 13-18

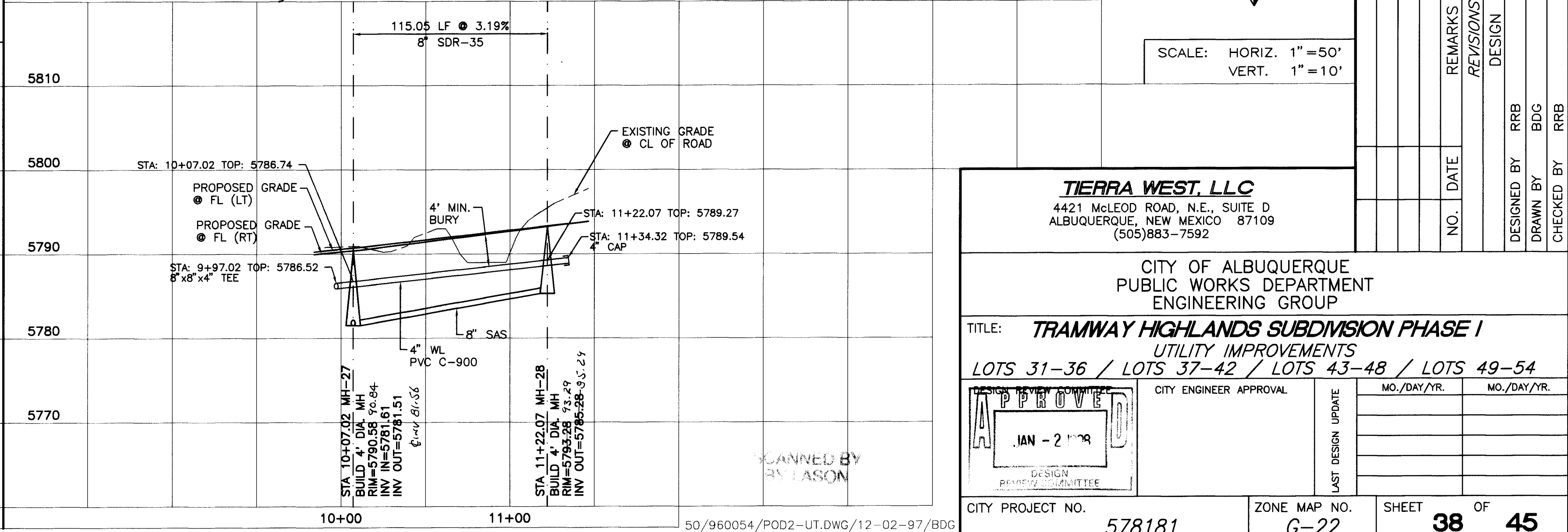
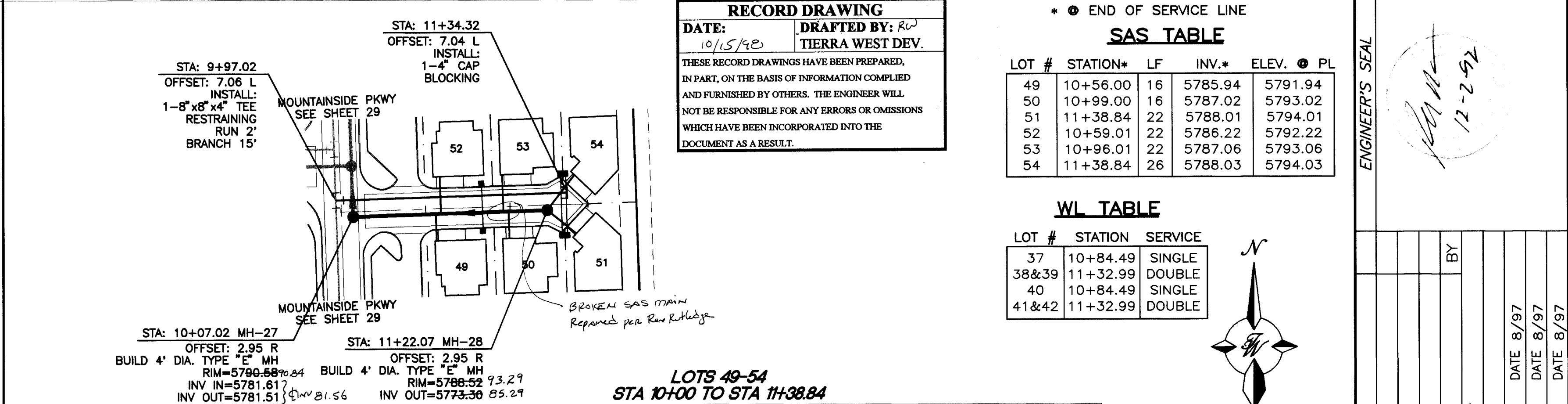
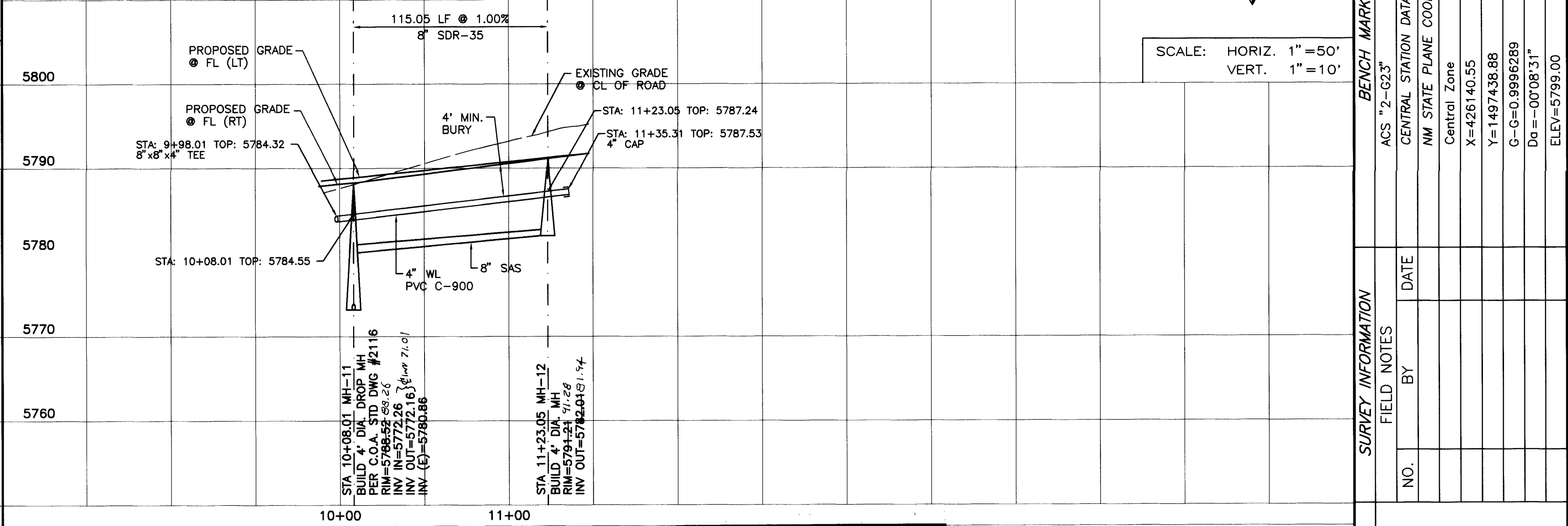
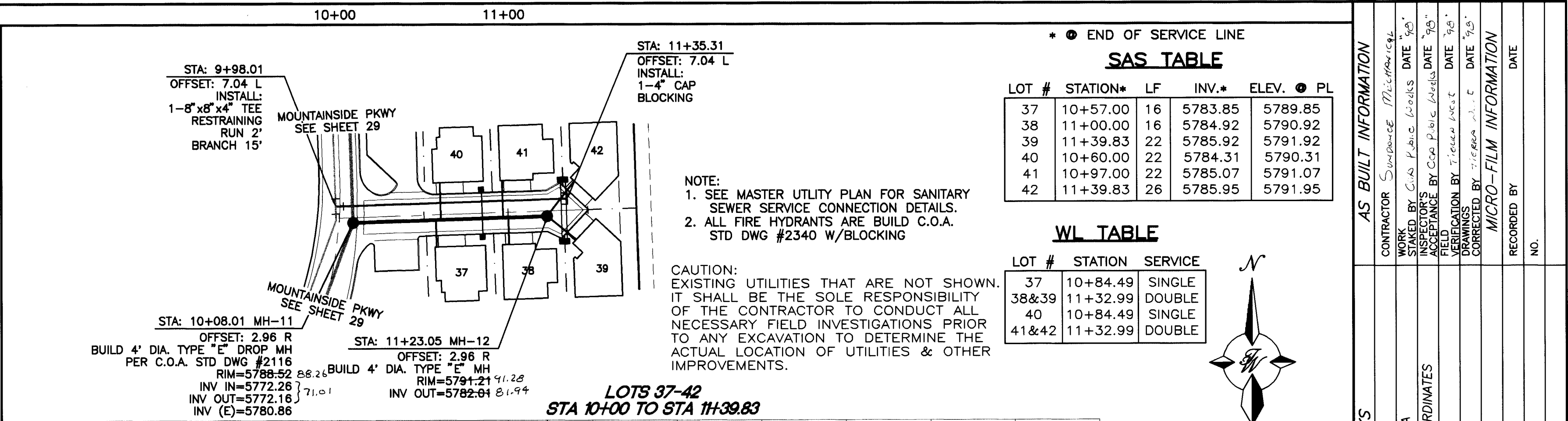
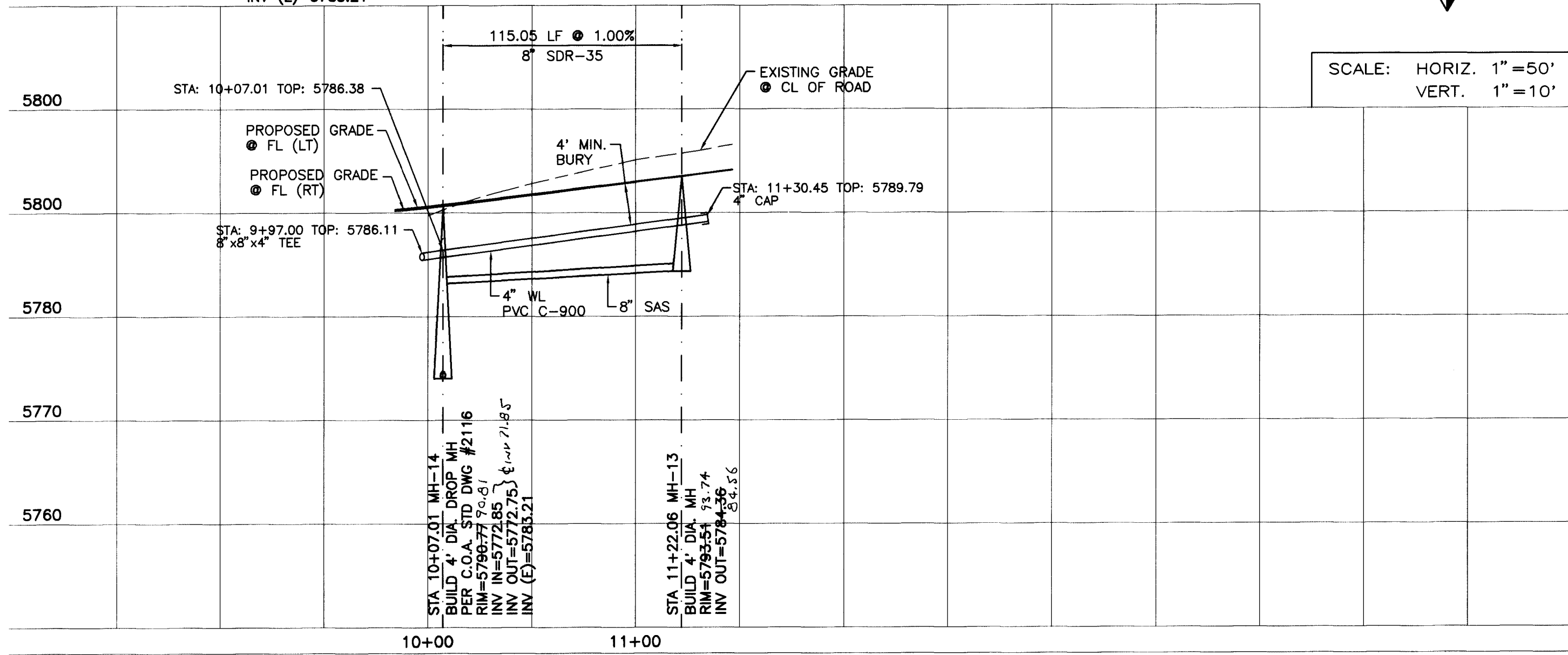
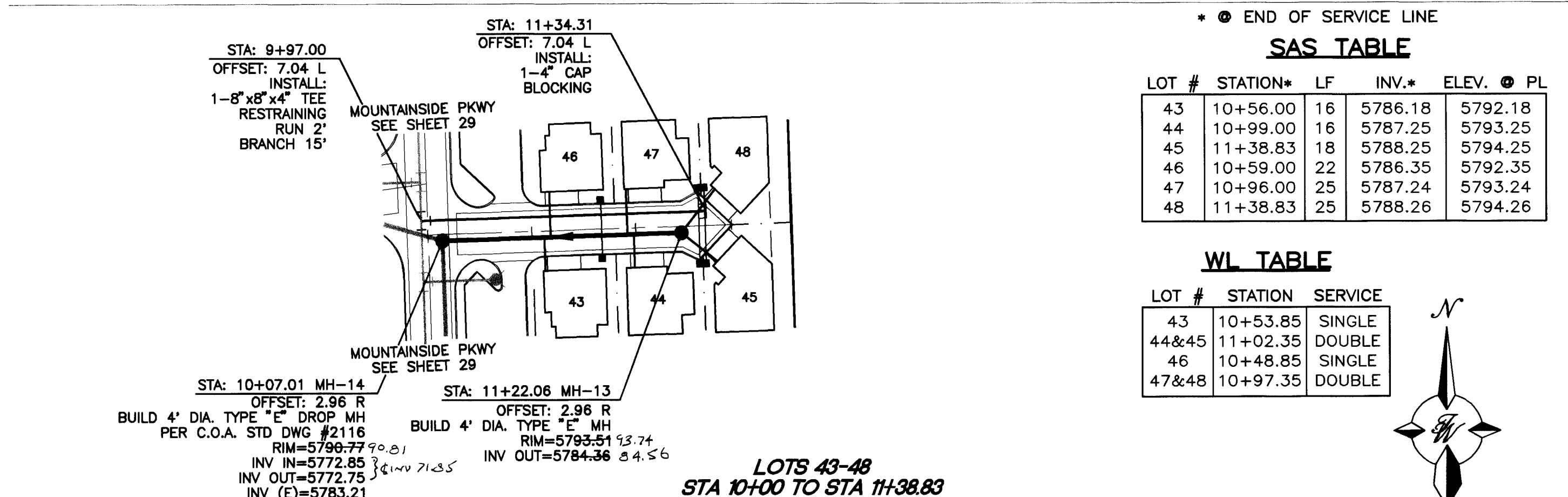
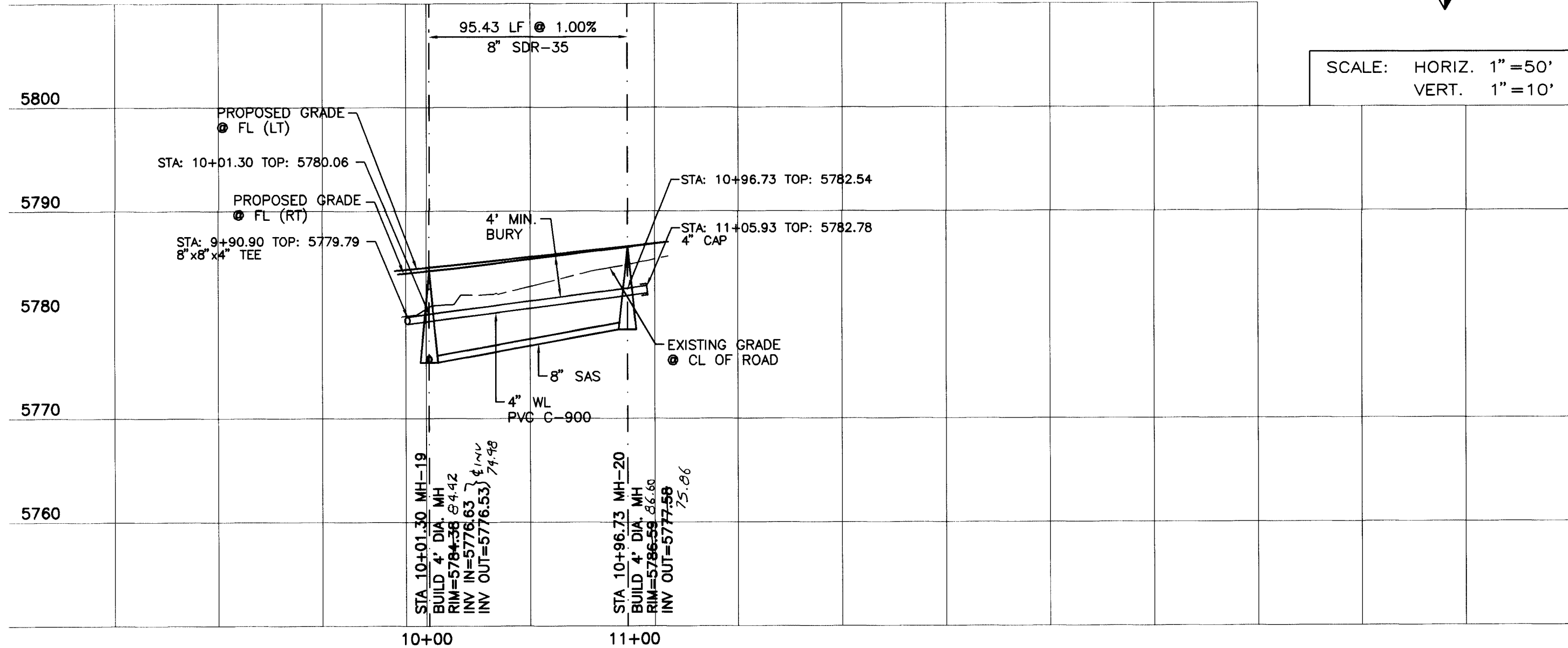
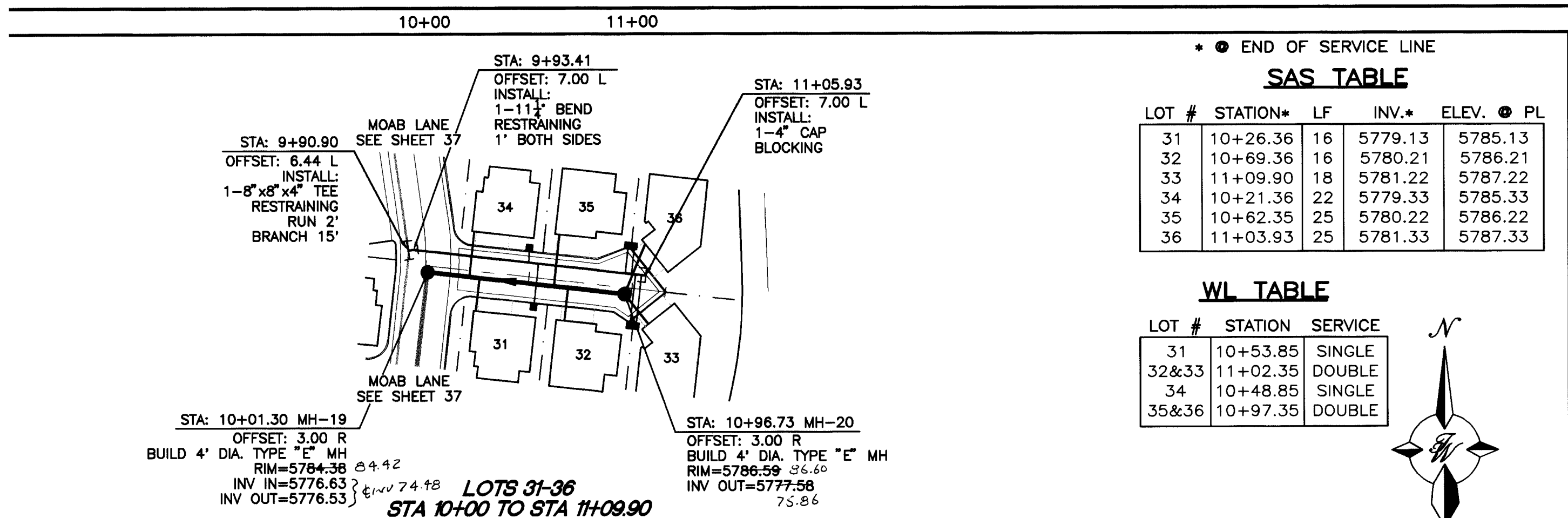
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DRAWN BY: BDG DATE: 8/97
CHECKED BY: RRB DATE: 8/97

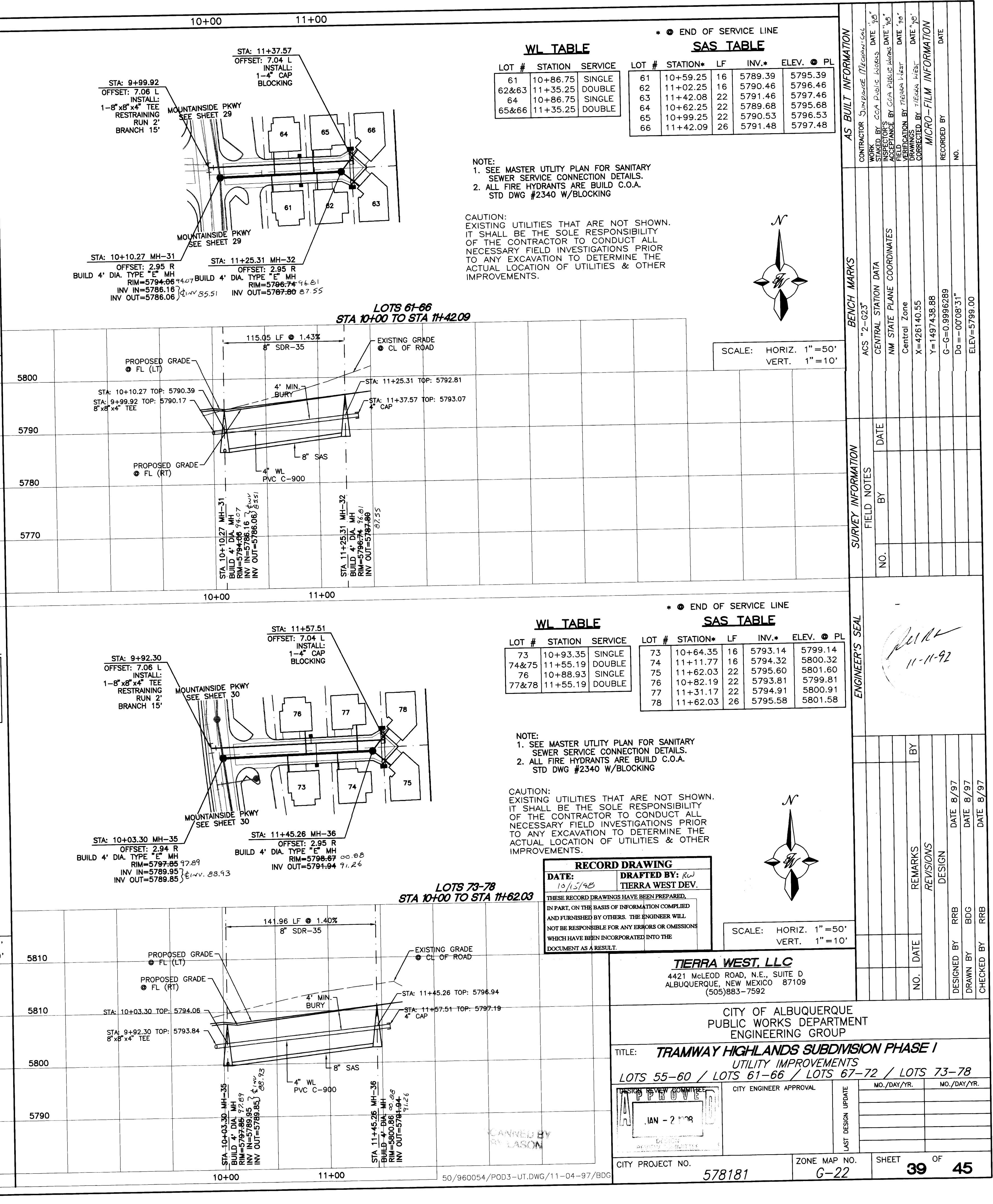
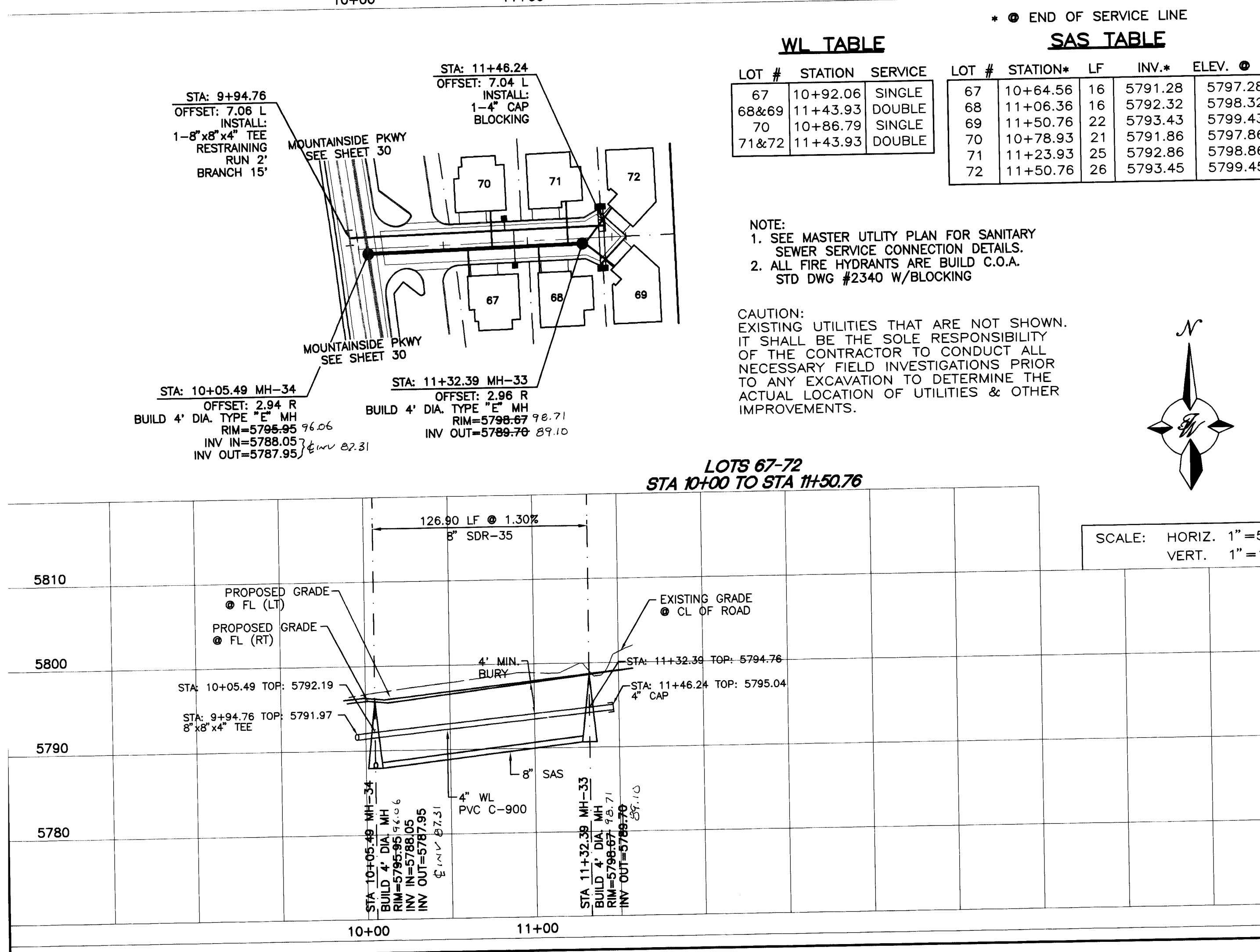
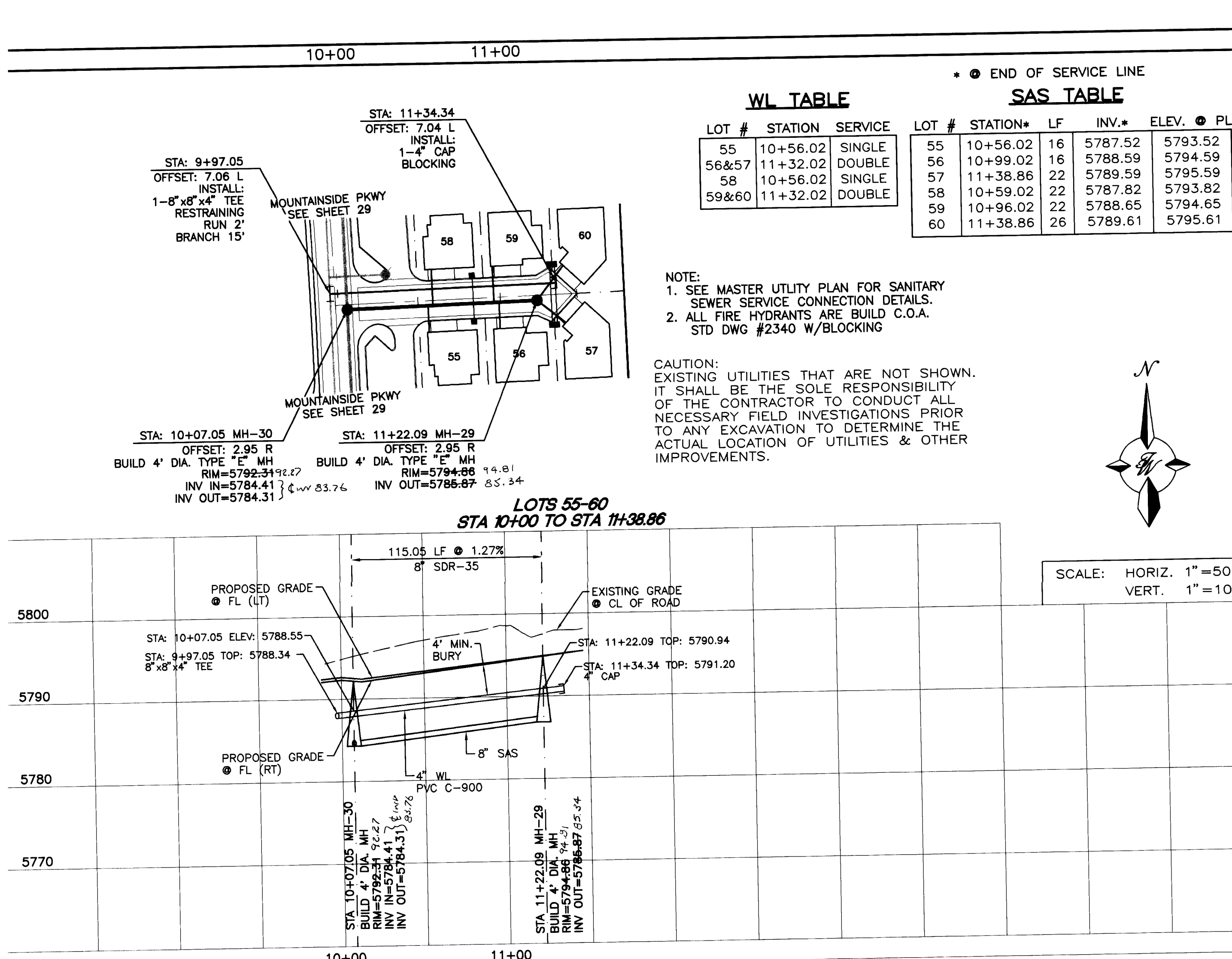
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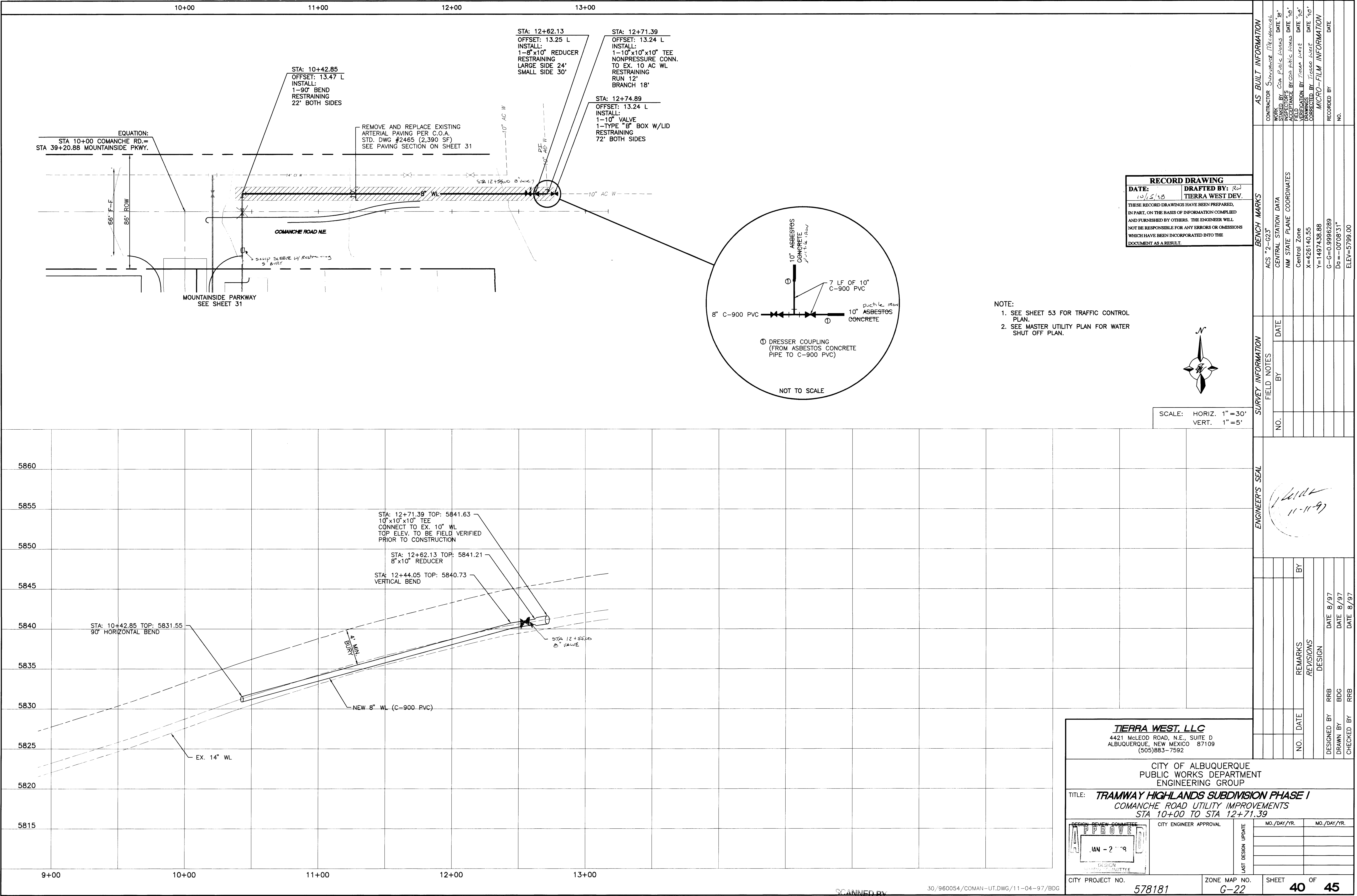
578181

6-22

37 OF 45

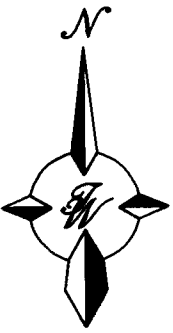






RECORD DRAWING
DATE: 10/5/20 DRAFTED BY: RW
TIERRA WEST DEV.
THESE RECORD DRAWINGS HAVE BEEN PREPARED,
IN PART, ON THE BASIS OF INFORMATION COMPILED
AND FURNISHED BY OTHERS. THE ENGINEER WILL
NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS
WHICH HAVE BEEN INCORPORATED INTO THE
DOCUMENT AS A RESULT.

- NOTE:
1. SEE SHEET 53 FOR TRAFFIC CONTROL PLAN.
2. SEE MASTER UTILITY PLAN FOR WATER SHUT OFF PLAN.



SCALE: HORIZ. 1"=30'
VERT. 1"=5'

AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	Subcontract	Mechanical	WORK	ACS "2-C23"	CENTRAL STATION DATA	DATE	NO.	FIELD	NOTES	BY	DATE	NO.	REMARKS	BY	DATE
INSPECTOR'S	BY	DATE	FIELD	NM STATE PLANE COORDINATES	Central Zone										
VERIFICATION	BY	DATE	FIELD	X=426140.55	Y=1497438.88										
CORRECTED	BY	DATE	FIELD	G-G=0.9996289	Da=-0008'31"										
MICRO-FILM INFORMATION				REVISIONS				DESIGN				CHECKED BY			
RECORDED BY				DESIGNED BY				DRAWN BY				DATE 8/97			
NO.				CHECKED BY				DATE 8/97				DATE 8/97			

TIERRA WEST, LLC
4421 McLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **TRAMWAY HIGHLANDS SUBDIVISION PHASE I**
COMANCHE ROAD UTILITY IMPROVEMENTS
STA 10+00 TO STA 12+71.39

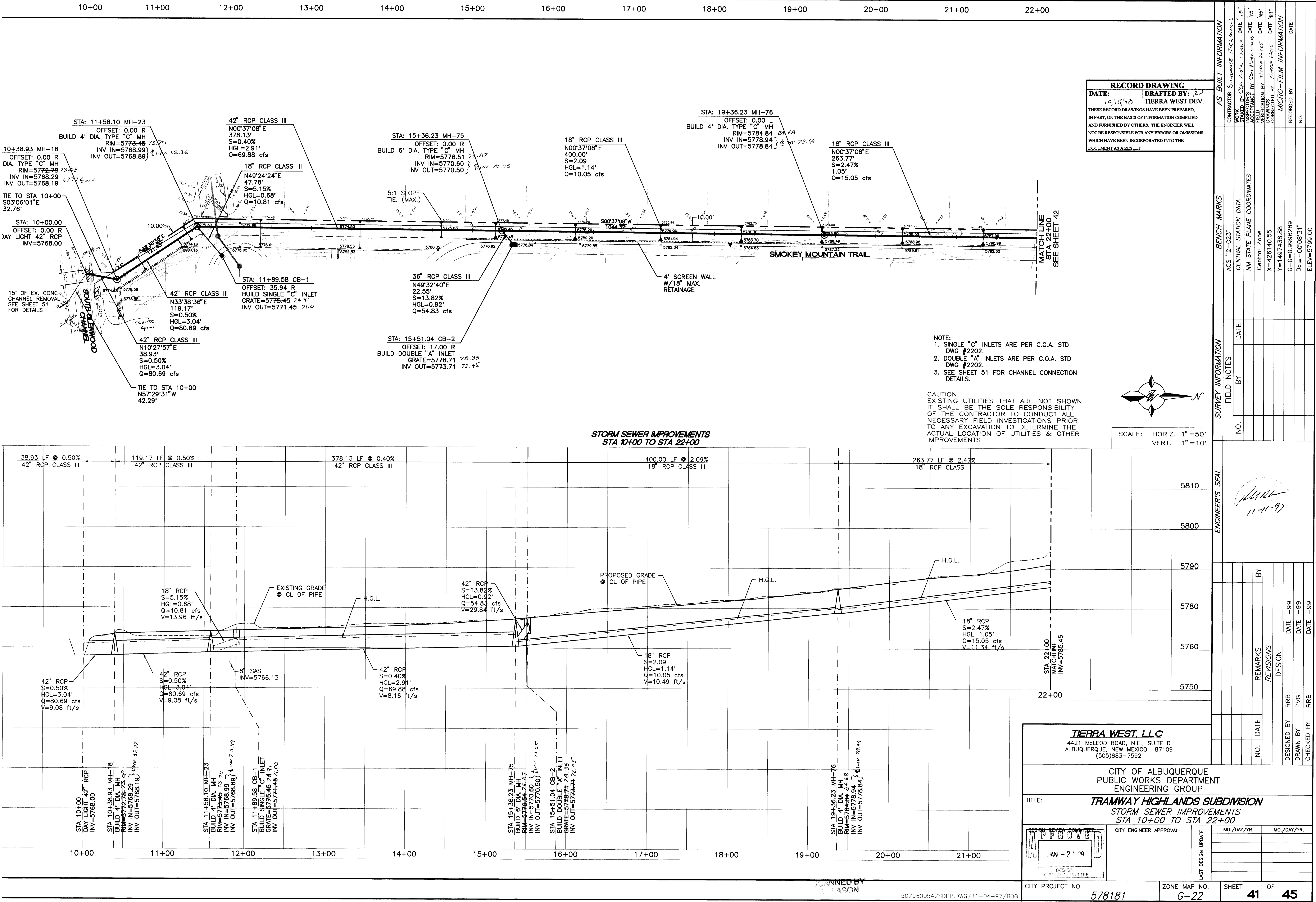
DESIGN REVIEW COMMITTEE
APPROVED
IAN - 2 - 09

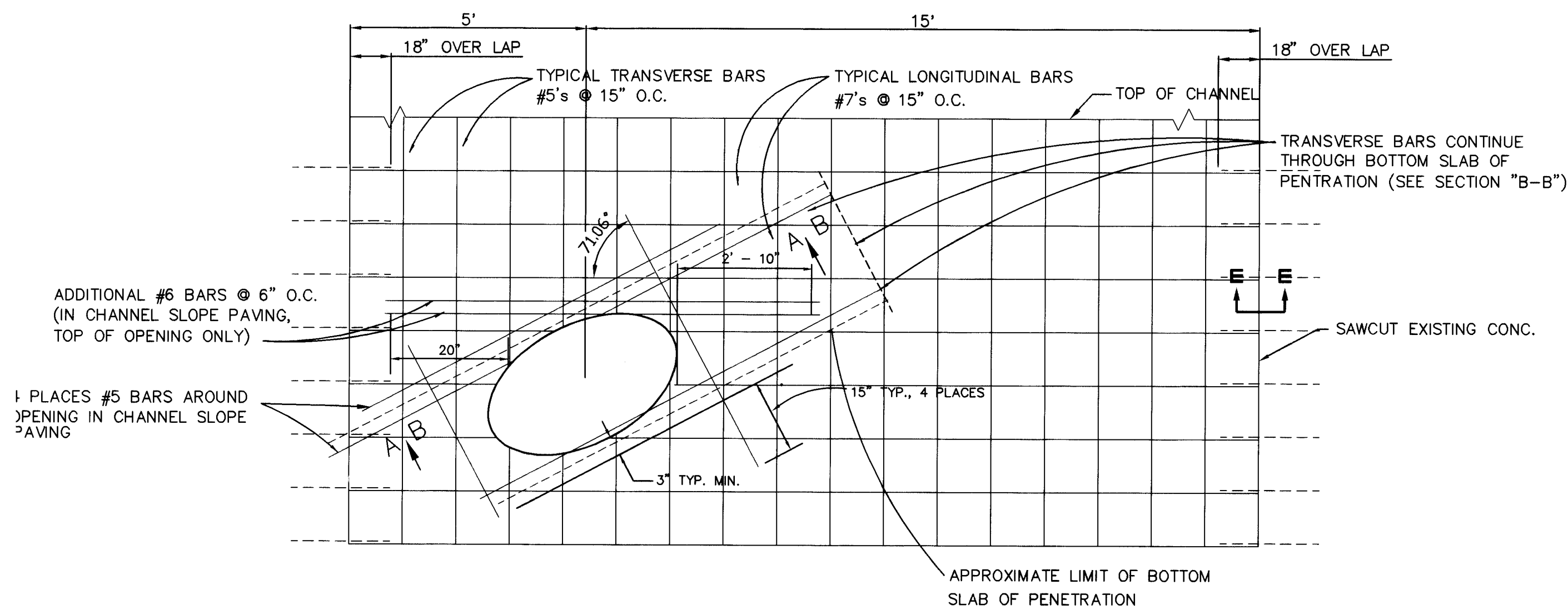
LAST DESIGN UPDATE

CITY PROJECT NO. 578181

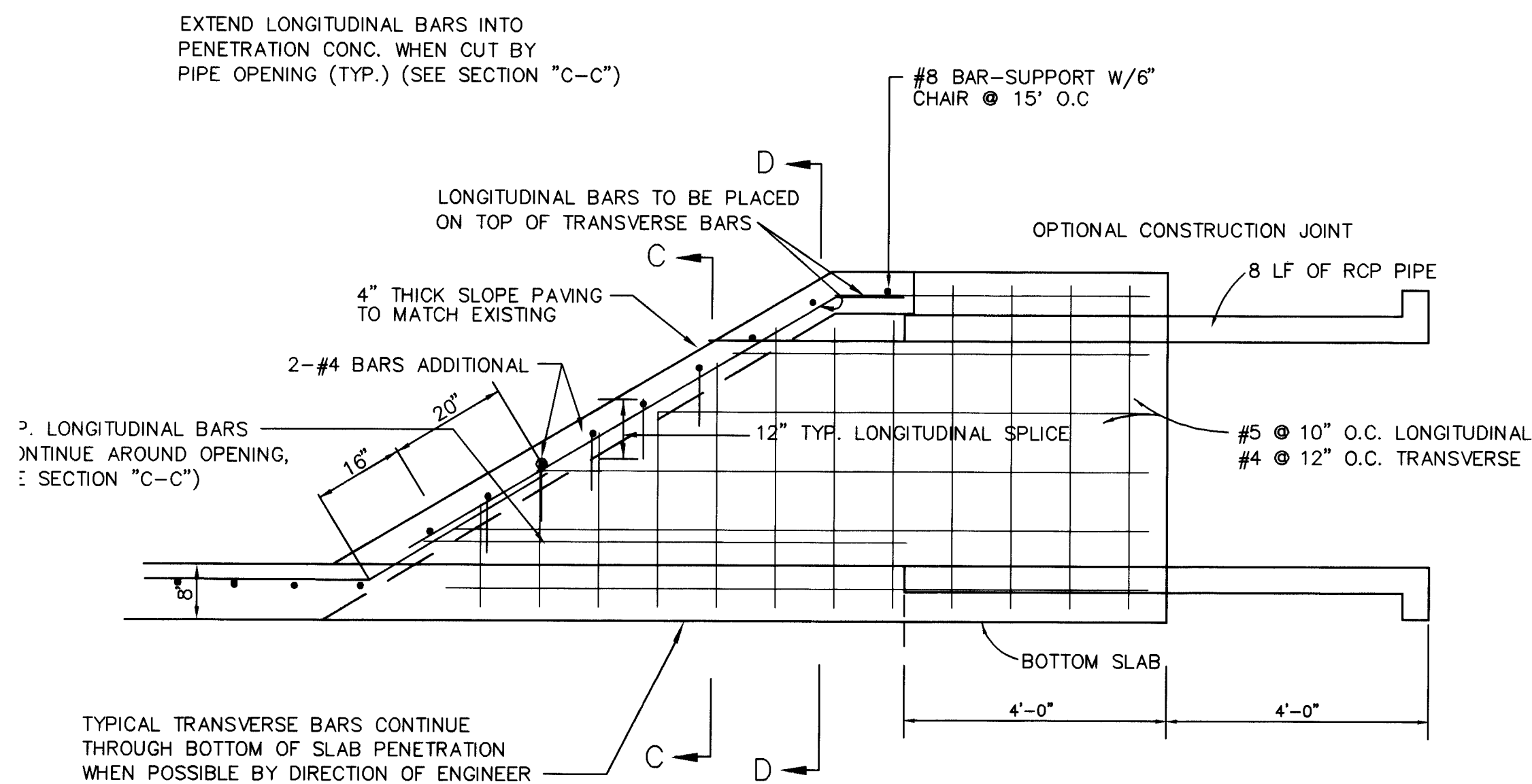
ZONE MAP NO. G-22

SHEET 40 OF 45

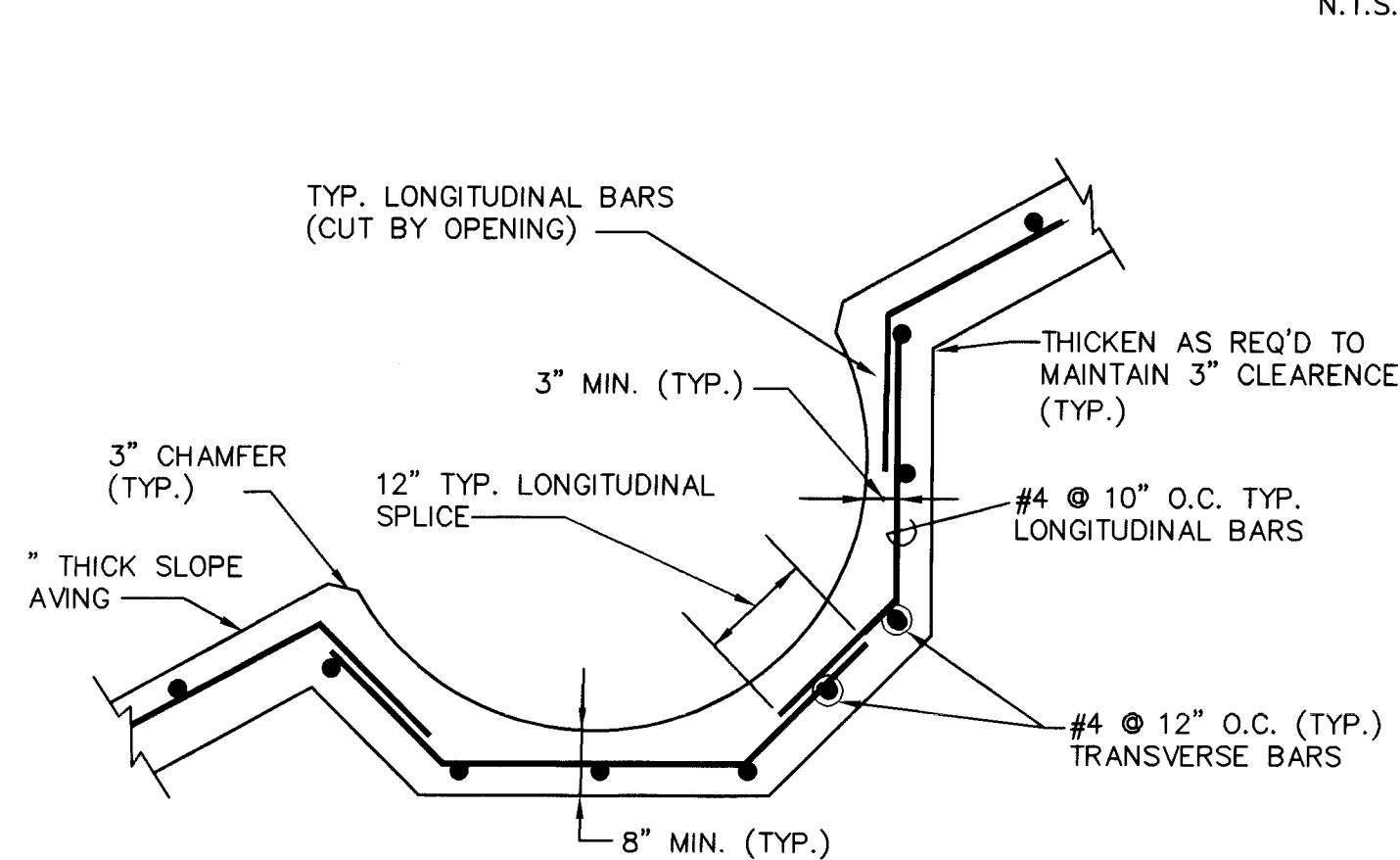




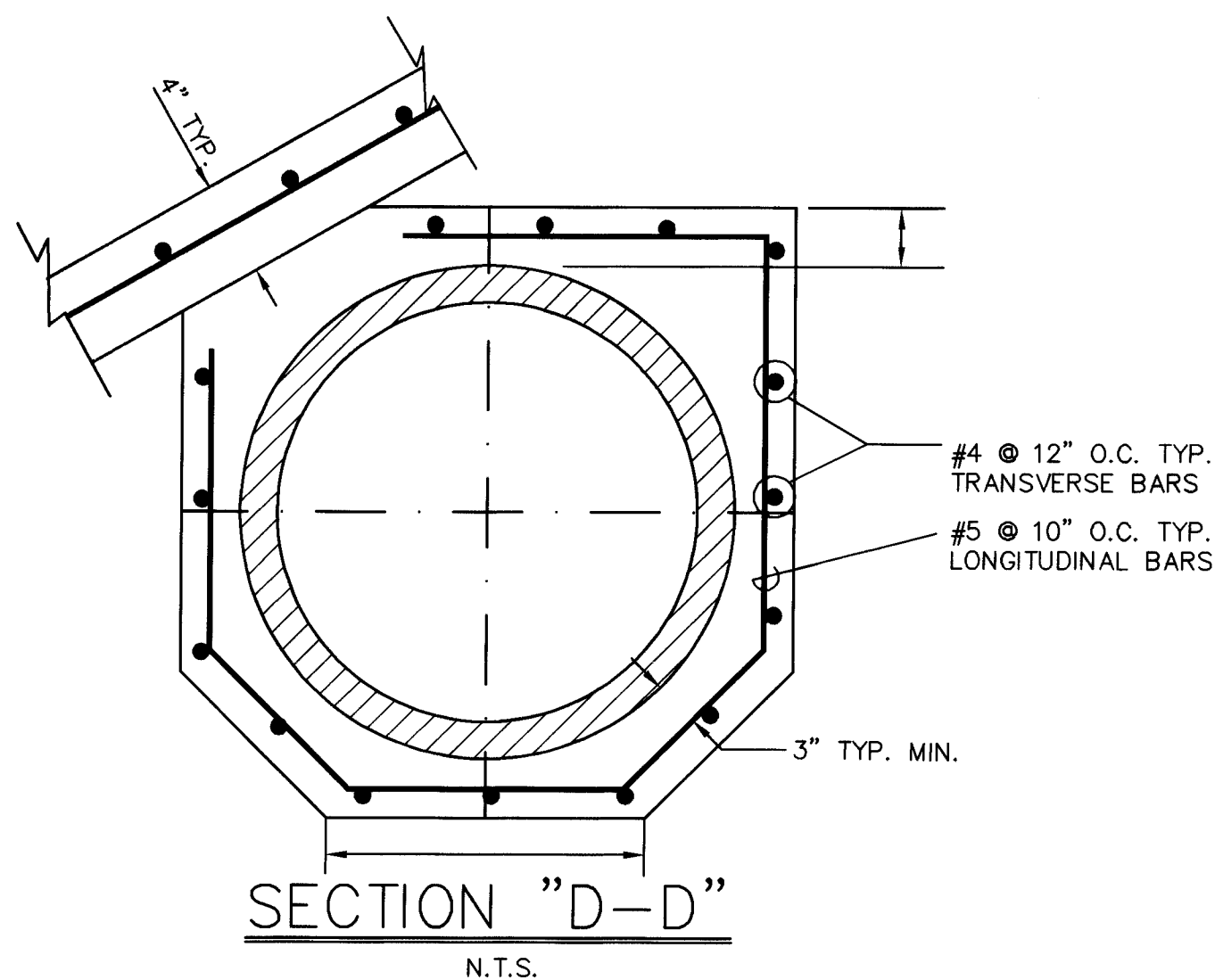
PLAN VIEW
71.06° PIPE PENETRATION
N.T.S.



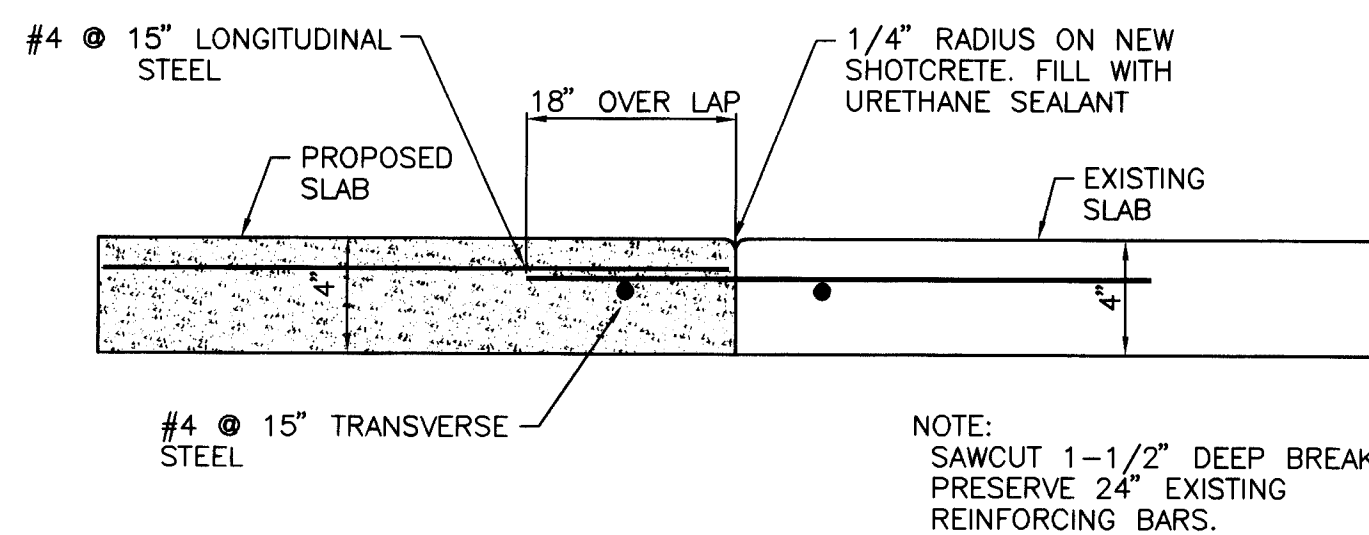
SECTION "B-B"
N.T.S.



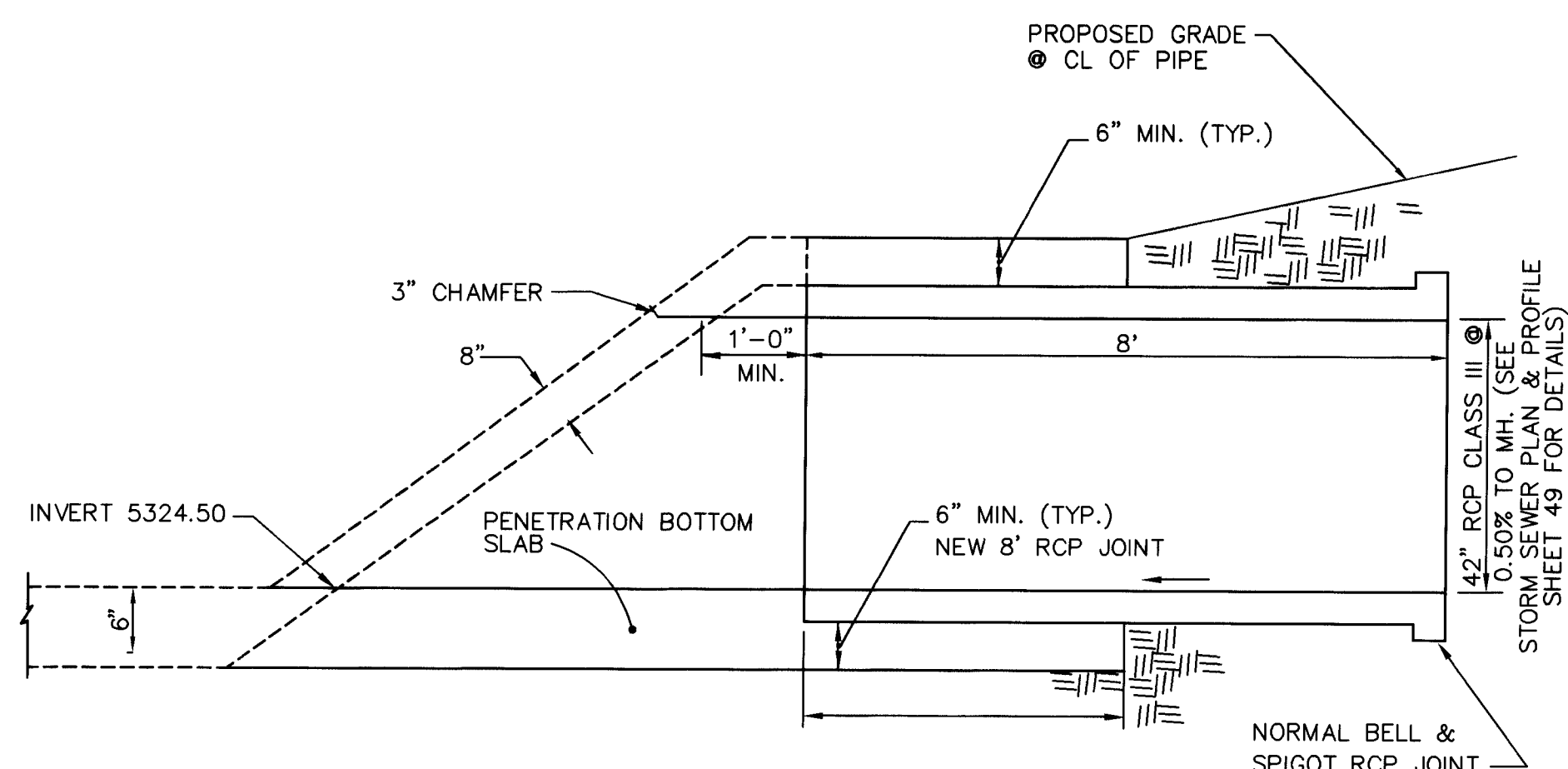
SECTION "C-C"
N.T.S.



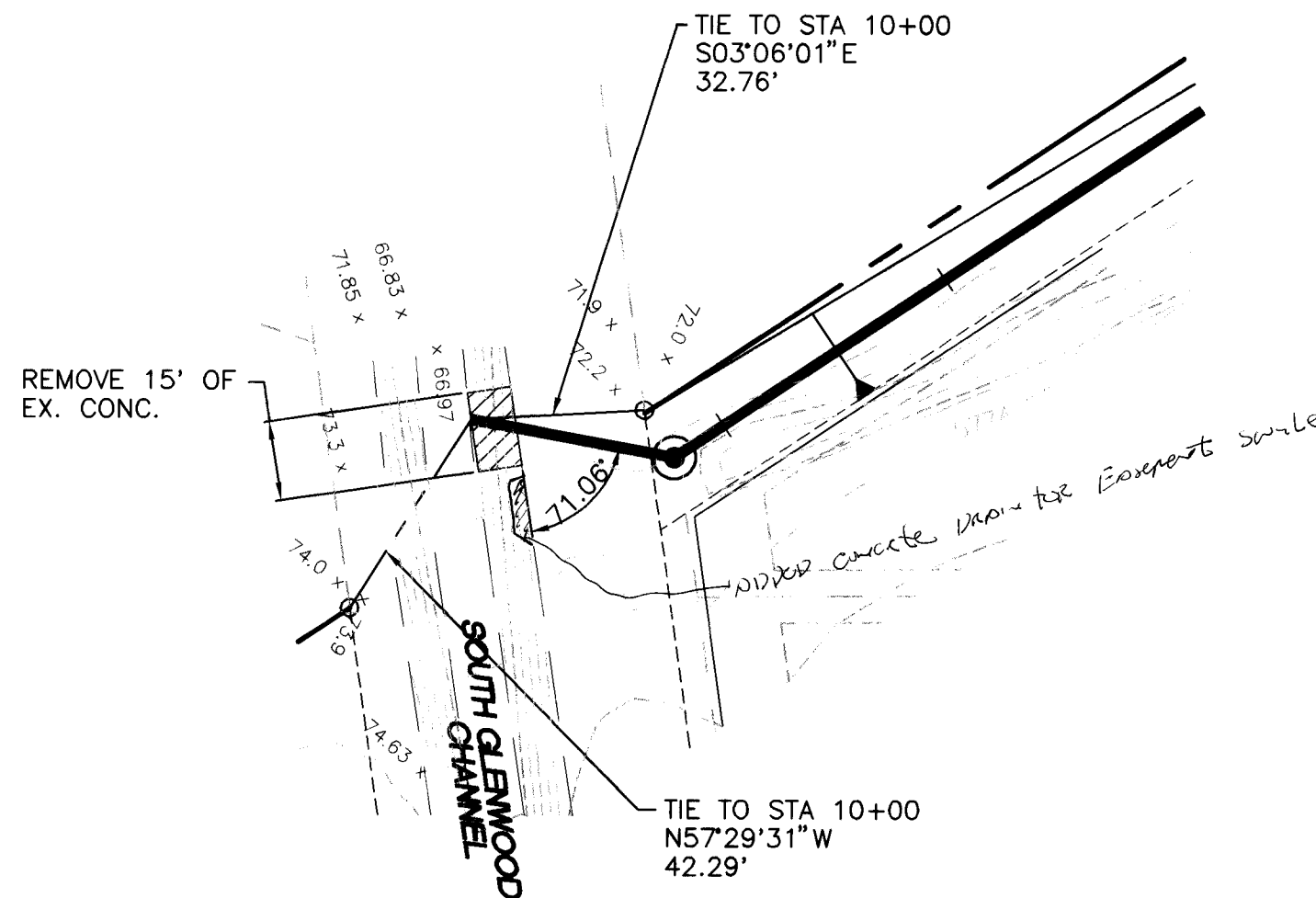
SECTION "D-D"
N.T.S.



SECTION "E-E"



SECTION "A-A"
SEE SECTION B-B FOR REINFORCING
N.T.S.



- NOTES:
1. ALL SUBGRADE AND BACKFILL PLACED AT 95% MODIFIED PROCTOR. MOISTURE AT OPTIMUM TO PLUS 3% OF OPTIMUM.

RECORD DRAWING
DATE: 10/15/19
DRAFTED BY: TJ
TIERRA WEST DEV.
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.

AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	Surface Mechanical	INSPECTED BY	CSA Public Works	DATE	9/15/19	CENTRAL STATION DATA	ACS "2-G23"	NO.	BY	DATE	NO.	NO.	BY	DATE	NO.
APPROVED BY	CSA Public Works	DATE	9/15/19	INSPECTOR'S	DATE	NM STATE PLANE COORDINATES									
APPROVED BY	CSA Public Works	DATE	9/15/19	APPROVED BY	DATE	Central Zone									
APPROVED BY	CSA Public Works	DATE	9/15/19	APPROVED BY	DATE	X=426140.55									
APPROVED BY	CSA Public Works	DATE	9/15/19	APPROVED BY	DATE	Y=1497438.88									
APPROVED BY	CSA Public Works	DATE	9/15/19	APPROVED BY	DATE	G-G=0.9996289									
APPROVED BY	CSA Public Works	DATE	9/15/19	APPROVED BY	DATE	Da=-0008'31"									
APPROVED BY	CSA Public Works	DATE	9/15/19	APPROVED BY	DATE	ELEV=5799.00									

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ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **TRAMWAY HIGHLANDS SUBDIVISION**
CHANNEL CONNECTION DETAILS

DESIGN REVIEW COMMITTEE
APPROVED
IAN - 2/19/19
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL
LAST DESIGN UPDATE

MO./DAY/YR.
MO./DAY/YR.

DESIGNED BY RRB
DATE 3-96

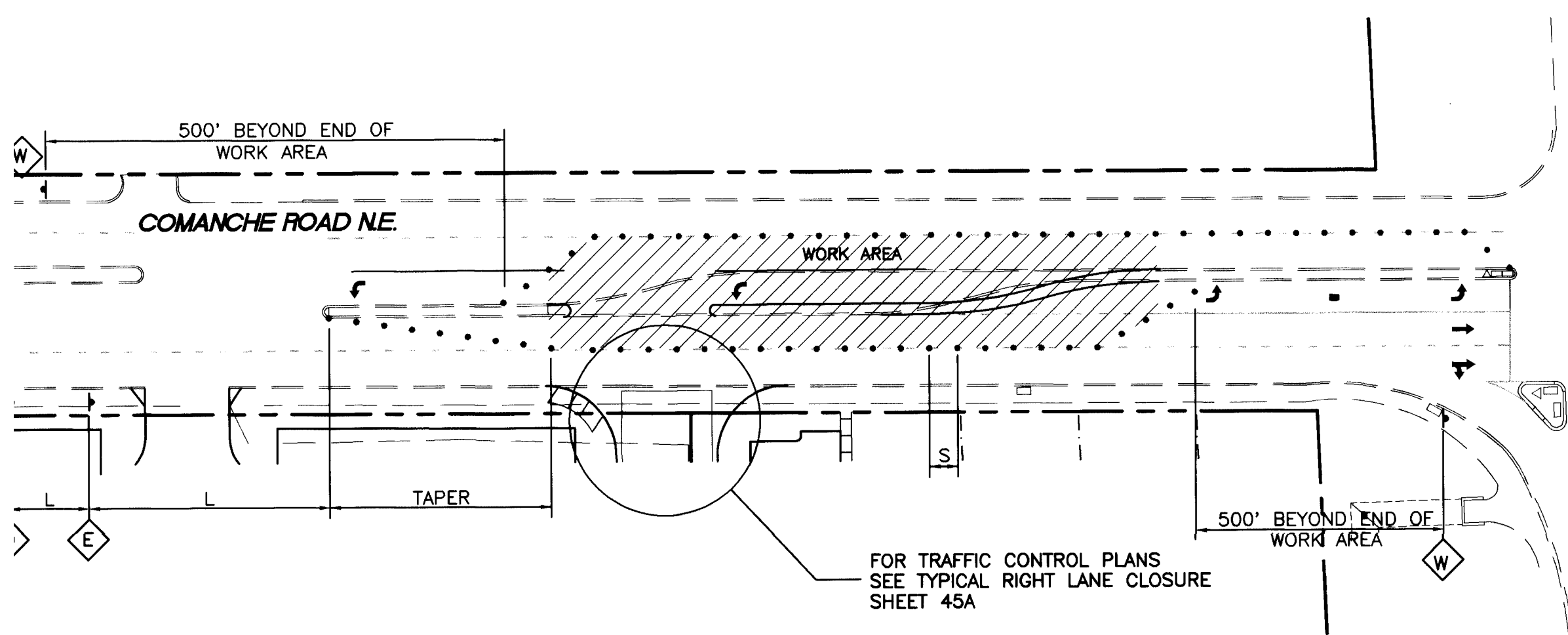
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DATE 3-96

CHECKED BY RRB
DATE 3-96

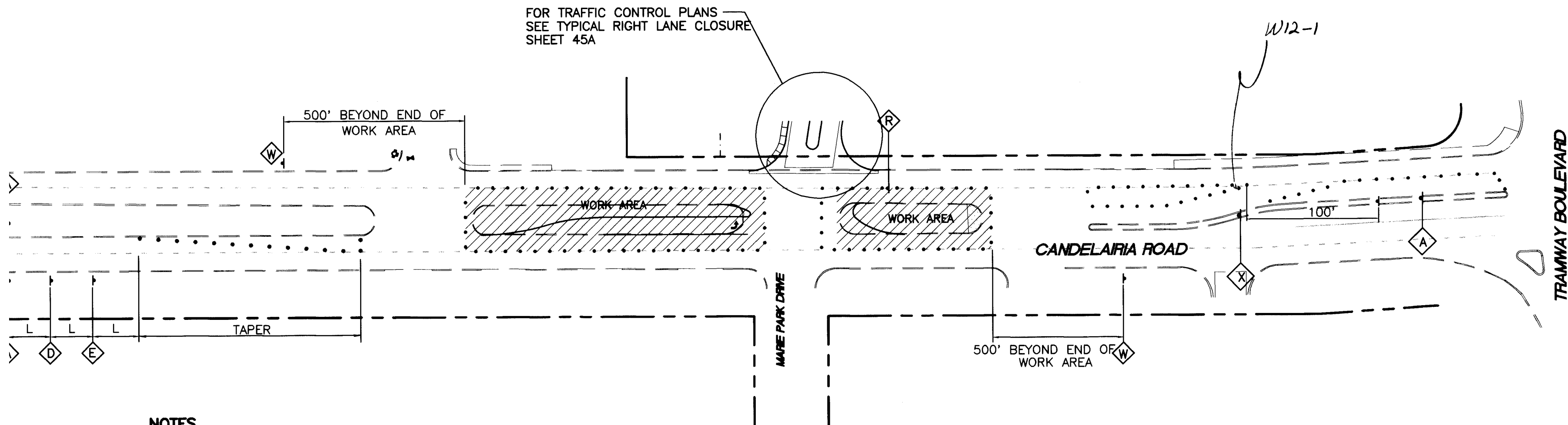
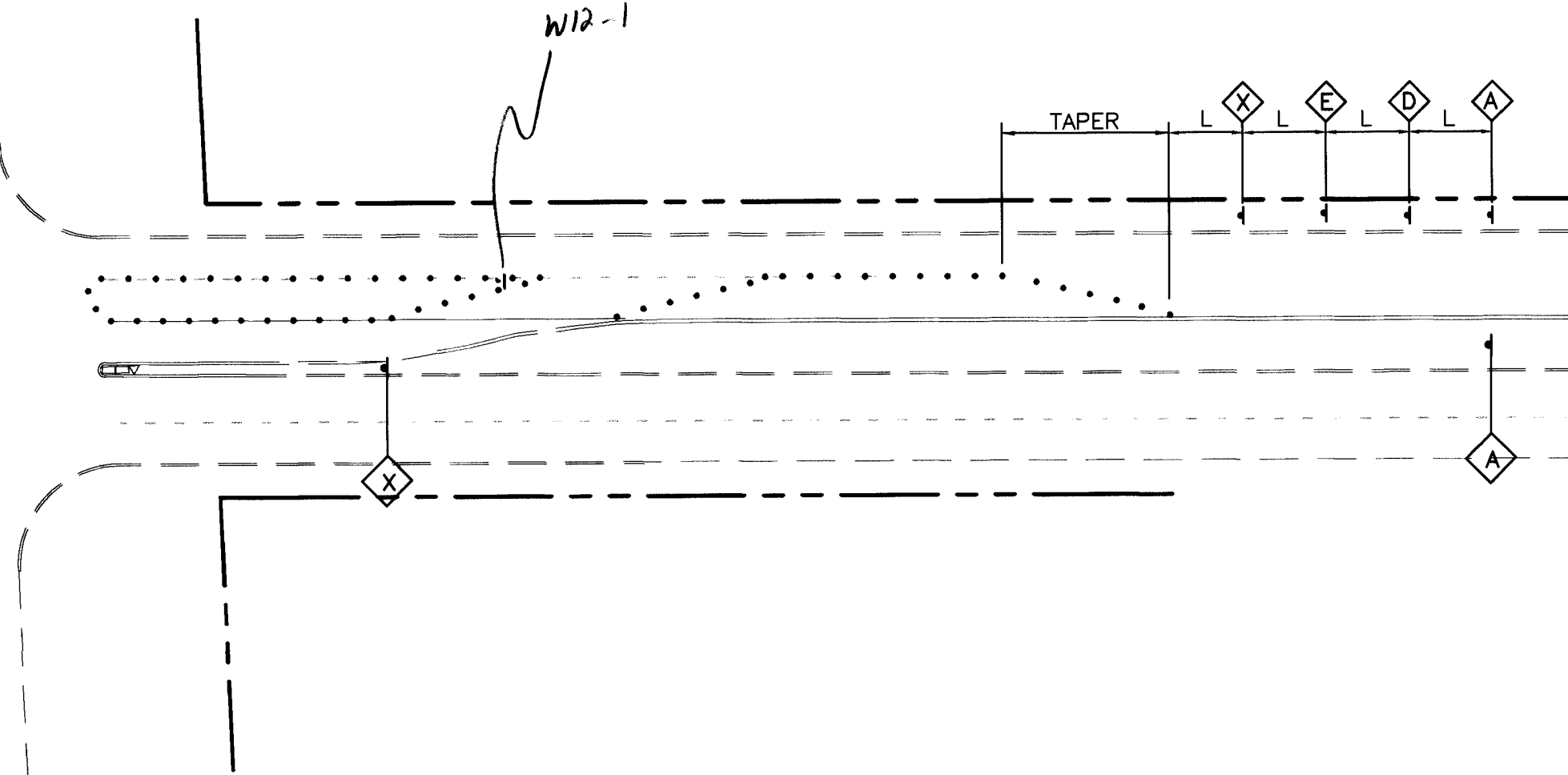
CITY PROJECT NO. **578181**

ZONE MAP NO. **G-22**

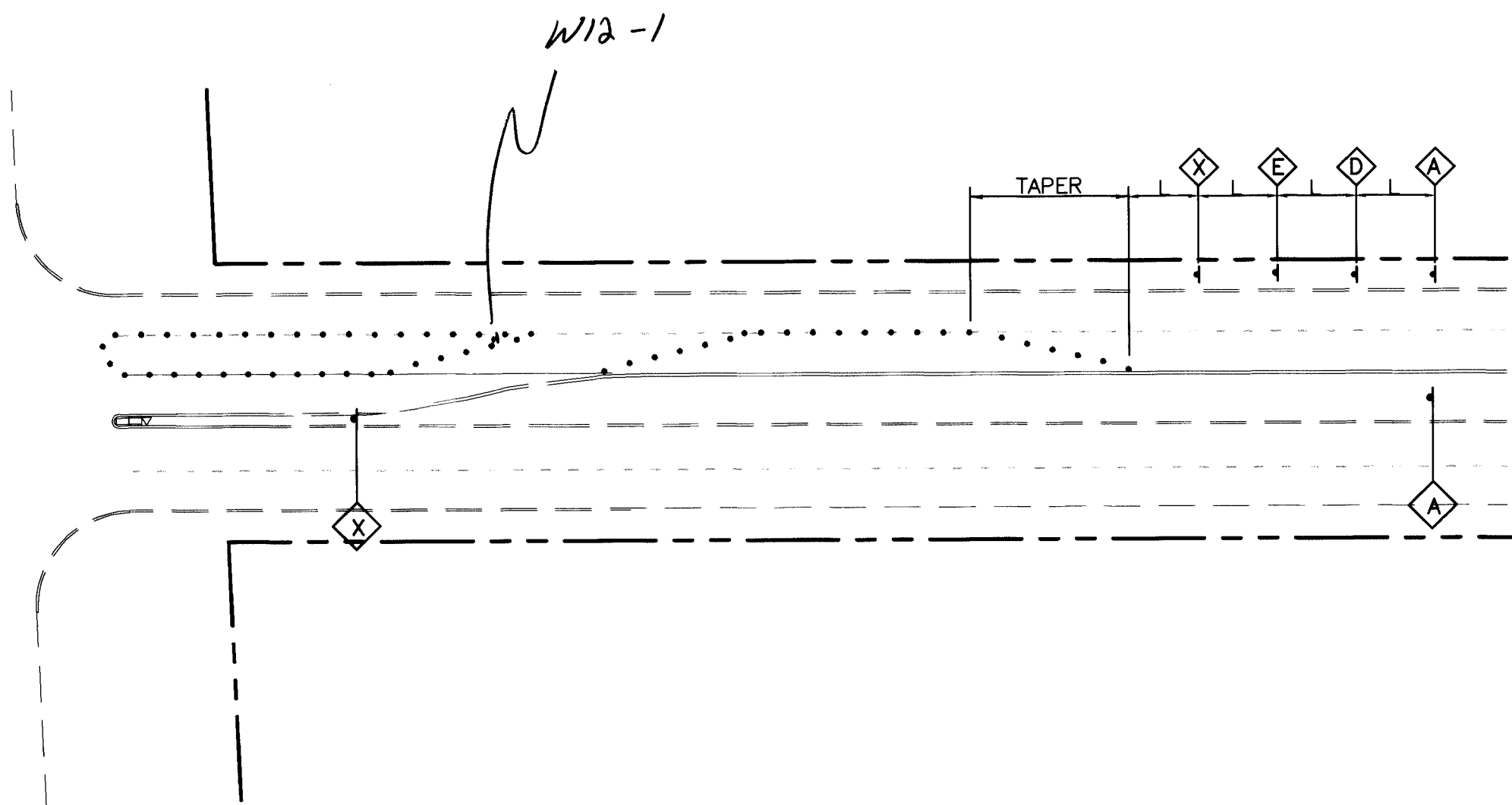
SHEET **43** OF **45**



TRAMWAY BOULEVARD



TRAMWAY BOULEVARD



NOTES

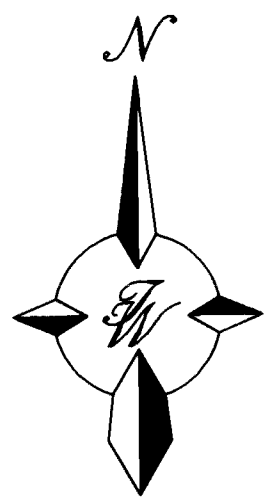
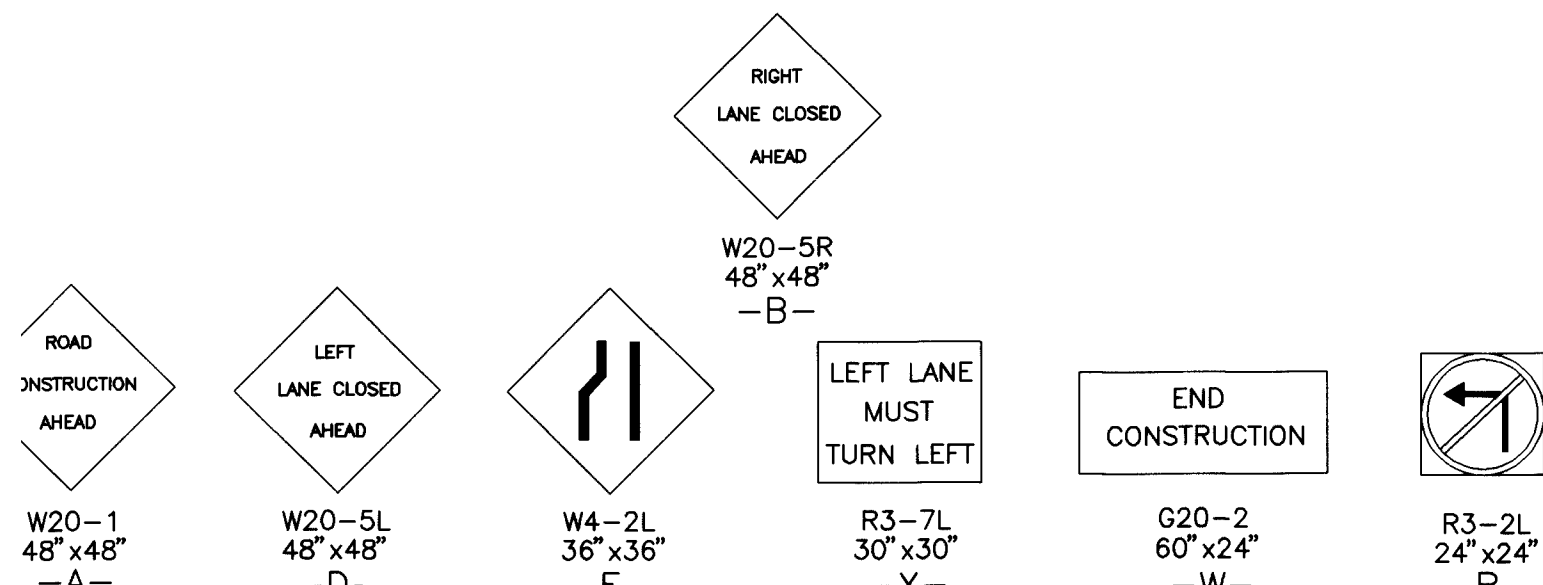
1. ALL ADVANCE WARNING SIGNS ARE TO BE DOUBLE INDICATED WHENEVER MEDIANS ARE ARE PRESENT
2. REFER TO SHEET 45A FOR TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES AND SEE SHEET 45B FOR SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS.
3. ALL WORK AFFECTING TRAFFIC LANES IN CANDELARIA AND COMANCHE SHALL BE PREFORMED CONTINUOUSLY BETWEEN THE HOURS OF 9:00 A.M. AND 4:00 P.M., AND TRAFFIC LANES SHALL BE OPENED TO TRAFFIC AT THE END OF EACH WORK DAY. A TOTAL OF SEVEN CALENDAR DAYS WILL ALLOW FOR ALL WORK INVOLVING BARRICADING OF CANDELARIA .
4. CONTRACTOR SHALL PERFORM AS MUCH WORK AS POSSIBLE BEHIND THE CURB PRIOR TO STARTING WORK WHICH AFFECTS TRAFFIC LANES ON CANDELARIA AND COMANCHE ROAD, INCLUDING RELOCATION OF POWER POLE.
5. 3 WORKING DAYS ARE ALLOWED FOR MEDIAN WORK AN CANDELARIA AND COMANCHE ROAD.

TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (FEET)			MAXIMUM DISTANCE BETWEEN DEVICES (FEET)	MINIMUM NUMBER OF DEVICES REQUIRED
	10' LANE	11' LANE	12' LANE		
25	104	115	125	25	6
30	150	165	185	30	7
35	204	225	245	35	8
40	267	293	320	40	9
45	450	495	540	45	13
50	500	550	600	50	13
55	550	605	660	55	13

LEGEND

- WORK AREA
- TRAFFIC SIGN (SEE THIS SHEET FOR DESIGNATION)
- WARNING SIGN
- DISTANCE BETWEEN SIGNS-A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- SPACING BETWEEN BARRICADES-A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
- TAPER LENGTH - ON CHART AT LEFT
- TANGENT LENGTH - IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET



TIERRA WEST, LLC 4421 McLEOD ROAD, N.E., SUITE D ALBUQUERQUE, NEW MEXICO 87109 (505)883-7592	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: TRAMWAY HIGHLANDS SUBDIVISION TRAFFIC CONTROL PLAN CANDELAIRIA ROAD / COMANCHE ROAD	
DESIGN REVIEW COMMITTEE APPROVE IAN - 2 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL LAST DESIGN UPDATE MO./DAY/YR. MO./DAY/YR.
CITY PROJECT NO. 578181	ZONE MAP NO. G-22
SHEET 44 OF 45	



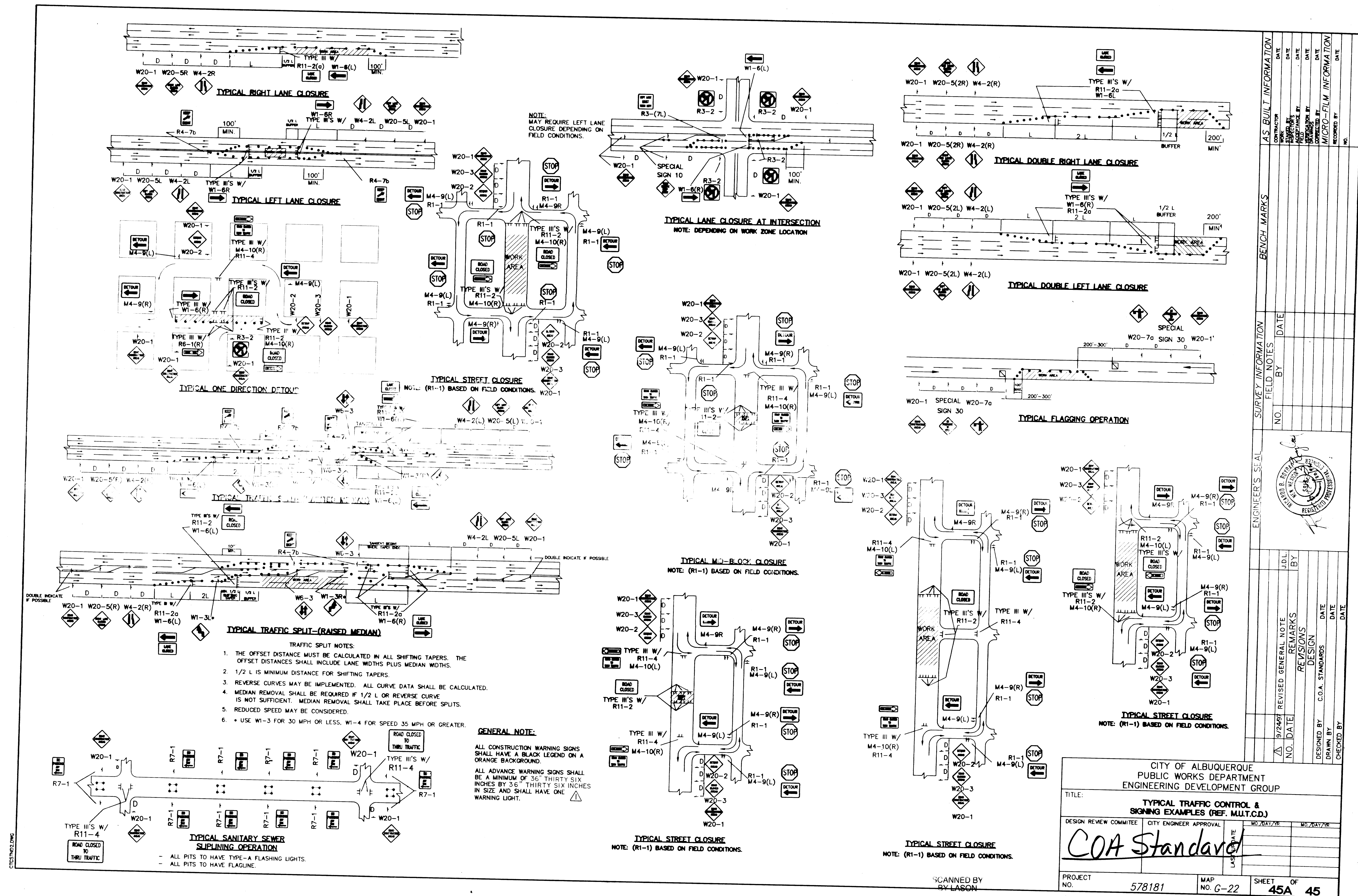
- ## NOTES

END
CONSTRUCTION

TAPER REQUIREMENTS

	SHEET	OF
--	-------	----

DIVISION ✓ NAME	
MO./DAY/YR.	MO./DAY/YR.
SHEET OF 45 45	



CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.

2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24-HOUR PER DAY BASIS UNTIL COMPLETED.

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELLED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

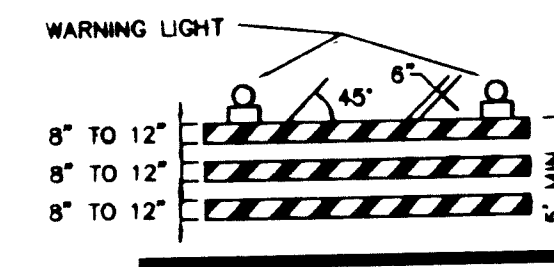
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

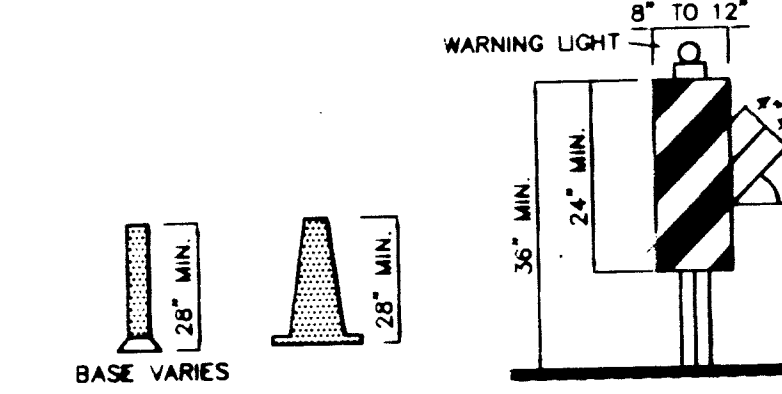
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D.

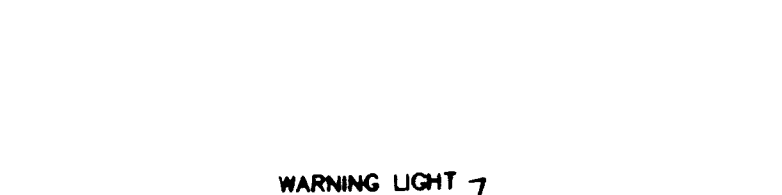
27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY.



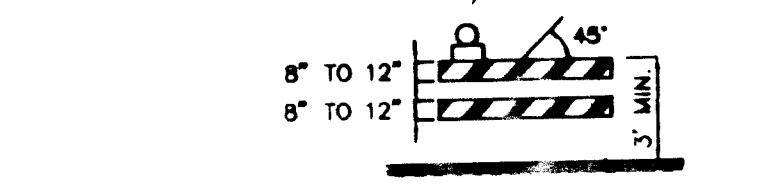
TYPE II BARRICADE



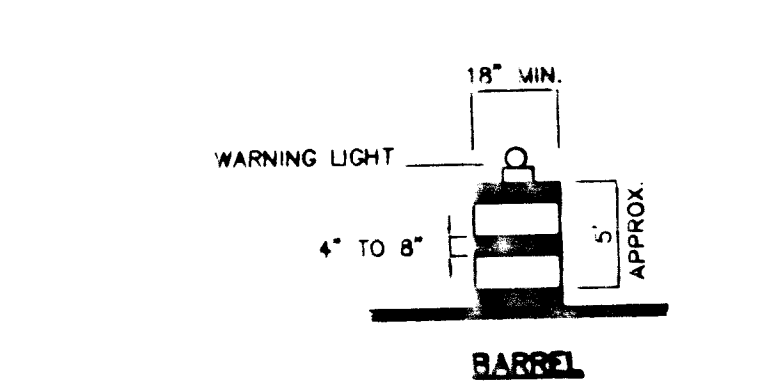
VERTICAL PANEL



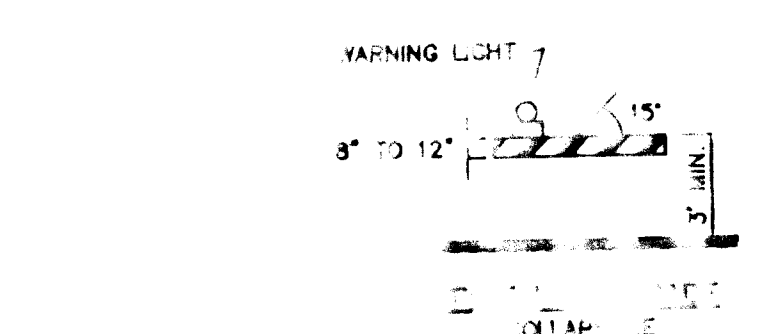
HIGH LEVEL WARNING DEVICE



TYPE II BARRICADE



BARRICADE



TRAFFIC CONTROL ELEMENTS

LEGEND

- WORK AREA
- BARRICADE - TYPE I, TYPE II, OR BARREL
- BARRICADE - TYPE III
- VERTICAL PANEL
- WARNING SIGN
- DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET FLAGMAN POSITION
- SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
- TAPER LENGTH - SEE CHART BELOW
- THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (L) (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED LIMIT (MPH)	MINIMUM DISTANCE IN FEET	MINIMUM DISTANCE IN FEET
PER HOUR	TO SPEED LIMIT SIGN	TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

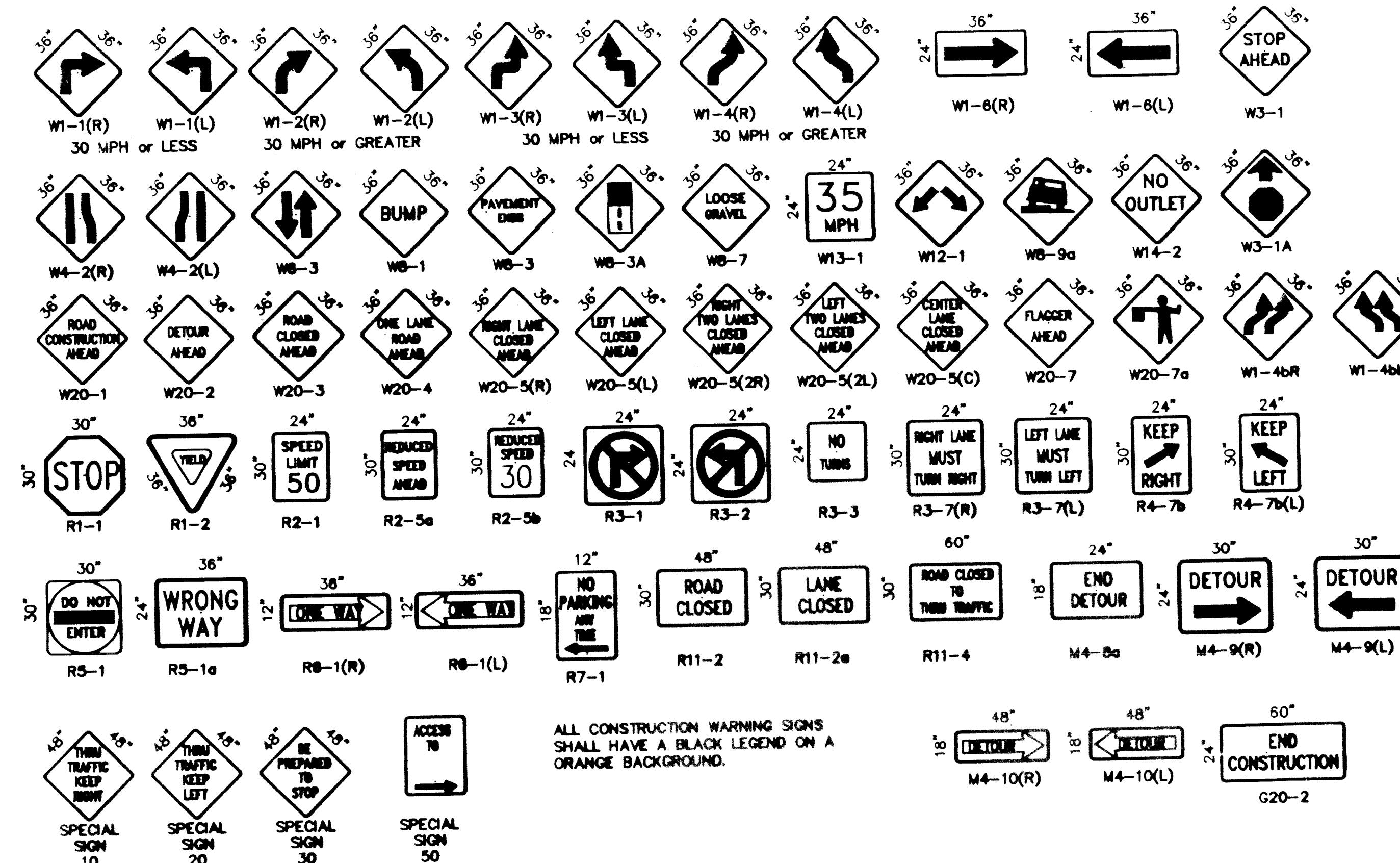
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	L =
40 MPH OR LESS	$L = \frac{WS^2}{60}$
45 MPH OR GREATER	$L = W \times S$

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

SIGN FACE DETAILS



SCANNED BY LASON

AS-BUILT INFORMATION		BENCH MARKS		VEHICLE INFORMATION		ENGINEER'S SIGNATURE	
CONTRACTOR	DATE	CONTRACTOR	DATE	VEHICLE	DATE	ENGINEER'S SIGNATURE	DATE
DESIGNED BY	DATE	DESIGNED BY	DATE	VEHICLE	DATE	ENGINEER'S SIGNATURE	DATE
APPROVED BY	DATE	APPROVED BY	DATE	VEHICLE	DATE	ENGINEER'S SIGNATURE	DATE
RECORDED BY	DATE	RECORDED BY	DATE	VEHICLE	DATE	ENGINEER'S SIGNATURE	DATE
NO.		NO.		VEHICLE	DATE	ENGINEER'S SIGNATURE	DATE

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
COA Standard	
PROJECT NO.	MAP NO.
578181	G-22
SHEET OF	45B 45