

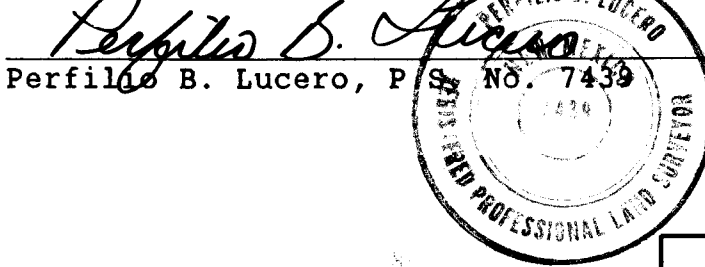
CONSTRUCTION PLANS
FOR
HIGH DESERT SUBDIVISION
PHASE 1-D
(MASTERPLAN WATERLINE EXTENSIONS)
ALBUQUERQUE, NEW MEXICO

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SURVEYOR'S CERTIFICATION

"I, Perfilio B. Lucero, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the 'as-built' information shown on these drawings was obtained from field construction and 'as-built' surveys performed by me or under my supervision, that the 'as-built' information shown on these drawings was added by me or under my supervision and that this 'as-built' information is true and correct to the best of my knowledge and belief. Lucero & Associates is not responsible for any of the design concepts, calculations, engineering or content of the record drawings.

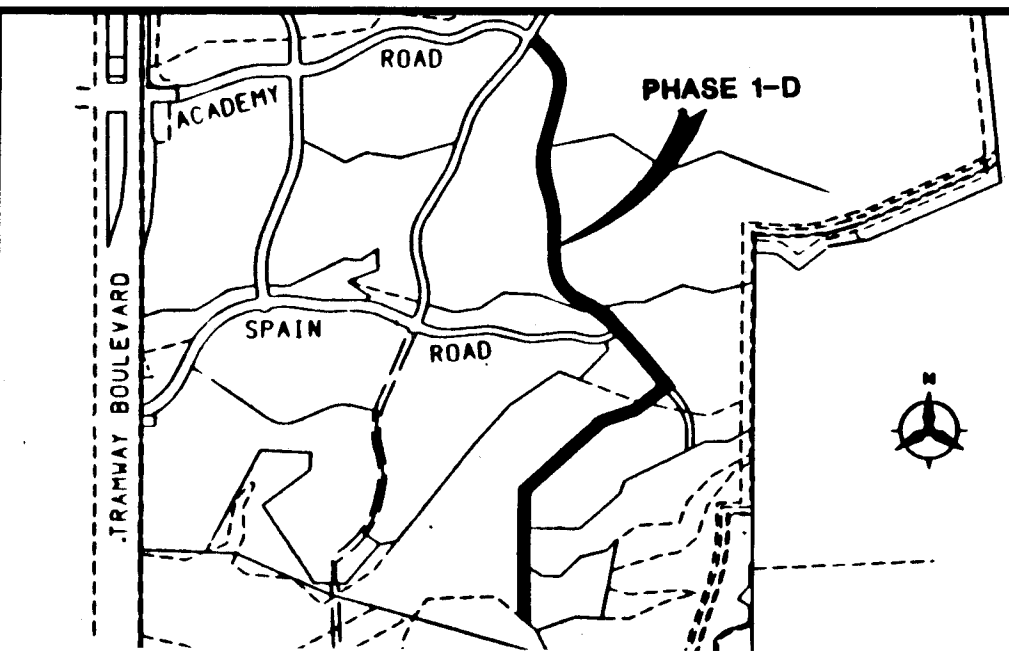
Perfilio B. Lucero 7/17/95
Perfilio B. Lucero, P.E. No. 7439 Date



APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
James R. Topmiller
DATE 8-3-95

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-4809.194 01/95

BHI JOB NO. 93127.42



VICINITY MAP
NOT TO SCALE
E-23 & F-23

NOTICE TO CONTRACTORS

- 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 AND SHALL INCLUDE UPDATE No. 4 REVISIONS, DELETIONS, AND ADDITIONS DATED JAN. 28, 1993.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- 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.
- THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION 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 SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR 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.

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 DEPRESSED 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.
- ☐ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

APPROVAL OF REVISIONS

		APPROVED FOR CONSTRUCTION <i>James R. Topmiller</i> C.E.
PROJECT NUMBER 4809.94		SHEET 1 OF 13

93133004

PLAT OF
HIGH DESERT
ALBUQUERQUE
NEW MEXICO
JUNE, 1993

State of New Mexico | SS
County of Bernalillo
This instrument was filed for record on

203 23 1993 93C
of records of said County Folio 328
D. J. Macdonald, Clerk & Recorder
Deputy Clerk

NOTES

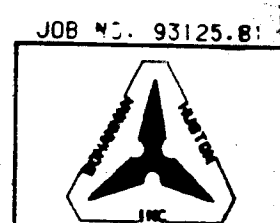
1. OS-1 is dedicated to the City of Albuquerque in fee simple, as Public Open Space with the filing of this plat. The City of Albuquerque, its successors and assigns, will not develop this property. This property will remain in a natural and open condition with natural vegetation except for a non-motorized vehicular, pedestrian and equestrian trail easement of 20' vehicles and except as otherwise provided in the Bernalillo County/Albuquerque Comprehensive Plan, Trails and Bikeway Facilities Plan, applicable Arroyo Plans and any Open Space Facility Plan adopted and/or amended from time to time by the City. This property is subject to an existing drainage easement held by AMAFCA, Albuquerque Academy, Inc., or its successors and assigns, will have the right to injunctive relief if this property is used by the City of Albuquerque, or its successors or assigns, contrary to the uses provided by this plat.
2. A floating trail easement for a non-motorized vehicular and pedestrian trail is granted to the City of Albuquerque with the filing of this plat. The location of the trail easement will be within OS-2. If and when the City of Albuquerque desires to locate a trail within OS-2, the design and improvement by the City of Albuquerque, location, trail width, buffer width and other terms of this trail easement will be determined at a later date by agreement among and between the City of Albuquerque, AMAFCA and Albuquerque Academy, Inc., or its successors and assigns. The parties will consider the City of Albuquerque's (I) design standards for comparable trails, including, without limitation, buffer width and relevant topography, (II) the use or potential use of the property by the underlying landowner, and (III) the cost of construction of the trail. If after determination of the terms of the trail, including the location of the trail, there exists a need for relocation of the trail, the City of Albuquerque, AMAFCA and Albuquerque Academy, Inc., or its successors or assigns, will mutually agree on a new location for the trail easement.
3. A floating trail easement for a non-motorized vehicular and pedestrian trail and a floating parking lot easement (not to exceed twenty (20) vehicles) are granted to the USDA Forest Service with the filing of this plat. The location of the trail easement and the parking lot easement will be within OS-3. If and when the USDA Forest Service desires to locate a trail within OS-3, the design and improvement by the USDA Forest Service, location, trail width, buffer width, parking lot design and other terms of this trail and parking lot easement will be determined at a later date by agreement among and between the USDA Forest Service, AMAFCA and Albuquerque Academy, Inc., or its successors and assigns. The parties will consider the USDA Forest Service's (I) design standards for comparable trails, including, without limitation, buffer width, and relevant topography, (II) the use or potential use of the property by the underlying landowner, and (III) the cost of construction of the trail and parking lot. If after determination of the terms of the trail and the parking lot, including the location of the trail or the parking lot, there exists a need for relocation of the trail or the parking lot, the USDA Forest Service, AMAFCA and Albuquerque Academy, Inc., or its successors or assigns, will mutually agree on a new location for the trail easement or the parking lot easement.

NOTES

4. A floating trail easement for a non-motorized vehicular, pedestrian and equestrian trail is granted to the City of Albuquerque with the filing of this plat. The location of the trail easement will be within OS-4. If and when the City of Albuquerque desires to locate a trail within OS-4, the design and improvement by the City of Albuquerque, location, trail width, buffer width and other terms of this trail easement will be determined at a later date by agreement among and between the City of Albuquerque, AMAFCA and Albuquerque Academy, Inc., or its successors and assigns. The parties will consider the City of Albuquerque's (I) design standards for comparable trails, including, without limitation, buffer width, relevant topography, (II) the use or potential use of the property by the underlying landowner, and (III) the cost of construction of the trail. If after determination of the terms of the trail, including the location of the trail, there exists a need for relocation of the trail, the City of Albuquerque, AMAFCA and Albuquerque Academy, Inc., or its successors or assigns, will mutually agree on a new location for the trail easement.
5. OS-5 is dedicated to the City of Albuquerque in fee simple, as Public Open Space with the filing of this plat. The City of Albuquerque, its successors and assigns, will not develop this property and this property will remain in a natural and open condition with natural vegetation, except as otherwise provided in the Bernalillo County/Albuquerque Comprehensive Plan, Trails and Bikeway Facilities Plan, applicable Arroyo Plans and any Open Space Facility Plan adopted and/or amended from time to time by the City. This property is subject to trail easement that has been granted to the USDA Forest Service, Albuquerque Academy, Inc., or its successors and assigns, will have the right to injunctive relief if this property is used by the City of Albuquerque, or its successors or assigns, contrary to the uses provided by this plat.
6. OS-6 is dedicated by the City of Albuquerque in fee simple, as Public Open Space with the filing of this plat. The City of Albuquerque, its successors and assigns, will not develop this property and this property will remain in a natural and open condition with natural vegetation, except as otherwise provided in the Bernalillo County/Albuquerque Comprehensive Plan, Trails and Bikeway Facilities Plan, applicable Arroyo Plans and any Open Space Facility Plan adopted and/or amended from time to time by the City. Albuquerque Academy, Inc., or its successors and assigns, will have the right to injunctive relief if this property is used by the City of Albuquerque, or its successors or assigns, contrary to the uses provided by this plat.
7. OS-7 is existing Public Open Space owned by the City of Albuquerque. Any trail located within OS-7 will be a non-motorized vehicular, pedestrian and equestrian trail. If and when the City of Albuquerque desires to locate a trail within OS-7, the design and improvement by the City of Albuquerque, location, trail width, buffer width and other features and terms of the trail will be determined by agreement among and between the City of Albuquerque, AMAFCA and Albuquerque Academy, Inc., or its successors and assigns. The parties will consider the City of Albuquerque's (I) design standards for comparable trails, including, without limitation, buffer width, and relevant topography, (II) the use or potential use of the property by the underlying landowner, (III) the cost of construction of the trail, (IV) Bernalillo County/Albuquerque Comprehensive Plan, Trail and Bikeway Facilities Plan, applicable Arroyo Plans, and any the City and (V) the timing, consistency, continuity, and compatibility of trails within the trails system within property on this plat. If after determination of the terms of the trail, including the location of the trail, there exists a need for relocation of the trail, the City of Albuquerque, AMAFCA and Albuquerque Academy, Inc., or its successors or assigns, will mutually agree on a new location for the trail easement.

SCANNED BY
BY LASON

1 2 3 4 5 6 7 8 9 10 11 12



93133004

PLAT OF
HIGH DESERT
ALBUQUERQUE
NEW MEXICO
JUNE, 1993State of New Mexico) SS
County of Bernalillo)
This instrument was filed for record on23 1993
of records of said County.Clerk & Recorder
Deputy Clerk

CURVE DATA

NUMBER	ARC	RADIUS	DELTA	CHORD	CHORD BEARING	TANGENT
C1	20.58	40.00	29°28'47"	20.35	N06°16'14"W	10.52
C2	31.44	22.00	81°52'22"	28.83	N19°55'33"W	19.08
C3	11.79	12.00	56°18'27"	11.32	N32°42'30"E	6.42
C4	27.81	58.00	27°31'50"	27.71	N07°12'09"W	14.15
C5	33.56	28.00	68°40'35"	31.59	N15°22'44"E	19.13
C6	9.00	10.00	51°35'27"	8.70	N23°55'18"E	4.83
C7	42.32	150.00	29°55'31"	41.93	N15°20'41"E	21.56
C8	77.22	150.00	29°55'31"	76.37	N43°33'53"W	39.49
C9	2.15	2.00	61°33'35"	2.05	N89°05'36"W	1.19
C10	48.69	28.32	98°30'18"	42.91	N70°37'14"W	32.87
C11	8.00	8.00	90°00'00"	7.71	N63°01'18"E	4.40
C12	40.34	25.00	92°27'07"	36.10	N05°35'18"W	26.09
C13	7.73	10.00	44°16'50"	7.54	N21°30'10"E	4.07
C14	73.54	35.00	120°23'28"	60.74	N16°33'09"E	61.10
C15	16.25	15.00	81°41'18"	15.38	N45°54'14"E	8.96
C16	12.22	20.00	35°07'27"	12.03	N02°26'39"W	6.31
C17	29.97	60.00	28°37'00"	29.66	N05°38'22"W	15.30
C18	36.78	30.00	80°33'25"	36.74	N08°51'35"W	18.45
C19	50.04	70.00	40°57'20"	48.98	N05°54'37"W	26.14
C20	26.68	50.00	30°34'32"	26.37	N00°43'14"W	13.67
C21	44.05	52.00	48°32'23"	42.75	N08°15'42"E	23.45
C22	29.91	45.00	50°45'58"	29.58	N02°08'55"E	29.51
C23	51.17	38.00	77°09'15"	47.39	N10°20'35"E	30.31
C24	66.49	261.62	14°33'41"	66.31	N56°12'02"E	33.42
C25	61.72	32.52	7°41'18"	61.52	N43°54'46"E	30.95
C26	64.83	50.00	74°17'18"	60.38	N37°12'00"E	37.88
C27	104.23	528.00	11°18'36"	104.06	S64°44'44"E	52.28
C27	(104.23)	(528.00)	(11°18'36")	(104.06)	(S64°44'44"E)	(52.28)
C28	209.21	472.00	23°23'57"	207.52	N07°37'14"E	104.56
C29	21.51	50.00	24°29'10"	21.35	S51°52'37"W	10.93
C29	(21.51)	(50.00)	(24°29'10")	(21.35)	(S51°52'37"W)	(10.93)
C30	426.98	688.12	35°33'11"	420.16	N43°30'44"E	220.61
C31	49.18	155.00	7°48'17"	49.14	N59°18'10"E	24.63
C32	608.36	626.50	55°33'11"	584.73	N54°36'17"E	330.57
C33	39.27	25.00	90°00'00"	35.36	S52°34'27"W	25.00
C34	39.27	25.00	90°00'00"	35.36	S52°34'27"W	25.00
C35	102.84	360.94	16°19'27"	102.49	S89°24'54"E	51.77
C36	110.33	686.04	9°12'52"	110.21	S85°51'37"E	55.28
C37	223.91	523.40	24°30'38"	222.20	S78°12'43"E	113.69
C38	39.27	25.00	90°00'00"	35.36	S00°00'00"E	25.00
C39	37.85	25.00	86°44'34"	34.34	N67°24'54"E	23.62
C40	280.64	580.50	27°41'58"	277.92	S83°03'48"E	143.12
C41	122.02	372.31	6°41'18"	121.56	N81°43'51"E	61.56
C42	149.11	434.31	19°40'16"	148.38	S86°10'18"E	75.30
C43	127.26	372.31	19°40'16"	126.64	S86°12'55"E	64.25
C44	176.64	331.06	30°44'55"	175.51	N88°12'08"E	91.01
C45	35.54	25.00	83°54'58"	35.52	S02°51'49"E	25.38
C46	196.38	420.42	26°45'46"	194.60	S13°14'29"E	100.01
C47	178.90	476.42	20°30'56"	177.85	N10°37'04"E	90.52
C48	139.23	390.00	19°01'32"	138.59	N49°54'12"W	40.26
C49	397.62	337.88	77°27'27"	375.04	S89°24'54"E	125.48
C50	204.47	557.12	21°01'41"	203.32	N07°13'20"W	103.40
C51	39.25	25.00	89°57'41"	35.34	N13°31'32"W	24.98
C52	484.91	580.00	47°54'07"	470.51	N7°54'07"E	257.88
C53	293.62	580.00	29°00'19"	290.49	N30°33'51"E	150.03
C54	220.34	330.00	N88°15'23"	216.27	N74°11'42"W	104.43
C55	107.85	320.00	19°18'39"	107.34	N83°40'04"E	54.44
C56	14.32	122.50	6°41'51"	14.31	N45°03'03"E	7.50
C57	107.27	420.00	14°38'31"	106.98	S67°26'44"E	53.93
C58	151.45	380.00	22°50'09"	150.45	S63°20'41"E	76.74
C59	260.87	380.00	39°20'01"	255.78	S19°40'00"E	135.81
C60	291.83	520.00	32°09'17"	288.01	S23°15'22"E	148.87
C61	46.85	144.00	18°38'25"	46.64	S02°08'28"E	23.63
C62	35.34	156.00	12°58'53"	35.27	S04°58'14"E	17.75
C63	39.65	25.00	90°02'02"	35.62	S41°54'49"W	25.38
C64	216.49	692.50	17°54'43"	215.61	S80°23'28"E	109.14
C65	137.94	391.00	20°12'47"	137.23	S81°32'30"W	69.69
C66	14.32	122.50	6°41'51"	14.31	S88°17'58"W	7.17
C67	54.99	586.00	5°22'37"	54.97	S87°38'21"W	27.52
C68	104.64	100.00	59°57'21"	99.93	N59°41'40"W	57.68
C69	46.02	166.00	15°53'08"	45.88	S14°05'12"W	23.16
C70	22.40	595.00	2°09'25"	22.40	S63°16'54"W	11.20
C71	28.23	310.00	5°13'02"	28.22	S64°48'43"W	14.22
C72	152.45	391.00	22°20'24"	151.49	S56°15'02"W	77.21
C73	193.97	607.50	18°17'38"	193.15	S35°56'01"W	97.82
C74	622.31	717.50	49°41'39"	602.98	S27°13'24"W	372.25
C75	39.12	25.00	89°38'51"	35.25	S37°14'48"W	24.85
C76	457.46	916.43	28°36'04"	452.73	S06°43'25"W	233.60
C77	304.32	773.43	22°32'39"	302.36	S09°45'07"W	154.15
C78	38.89	25.00	89°07'58"	35.09	S46°05'11"E	24.62
C79	188.04	601.50	17°54'43"	187.28	N80°23'28"E	94.79
C80	39.27	25.00	90°00'00"	35.36	S52°34'27"W	25.00
C81	128.76	451.94	16°19'27"	128.33	N89°24'54"E	64.82
C82	95.70	595.04	9°12'52"	95.59	N59°51'37"W	47.95
C83	177.84	614.40	16°35'02"	177.22	N74°11'42"W	89.54
C84	300.03	21.00	401.98	35.36	S69°02'36"E	25.00
C85	259.97	401.40	37°06'28"	255.45	S09°23'23"W	134.73
C86	365.41	483.40	43°18'41"	356.77	S08°35'29"W	191.93
C87	155.87	774.99	11°31'26"	155.61	S24°29'06"W	78.20
C88	150.66	839.00	18°47'43"	149.43	S31°56'47"E	74.43
C89	131.27	670.65	11°12'53"	131.06	S37°03'44"W	65.84
C90	39.25	25.00	89°57'41"	35.34	S13°31'32"E	24.98
C91	365.18	568.00	56°12'47"	350.44	S86°52'46"E	199.14
C92	241.34	34.00	40°30'01"	235.00	N45°03'03"E	7.50
C93	339.22	509.00	38°11'04"	332.98	N86°09'19"E	176.18
C94	269.33	598.50	25°47'02"	267.07	N75°07'28"E	136.99
C95	39.27	25.00	89°57'41"	35.34	S13°31'32"E	24.98
C96	322.02	864.43	21°20'38"	320.16	N10°21'07"E	162.80
C97	412.04	825.43	28°36'04"	407.77	N06°43'25"E	210.41
C98	39.43	25.00	90°22'34"	35.47	N21°08'41"W	25.16
C99	240.38	513.50	26°49'16"	238.19	N79°44'36"W	122.43

CURVE DATA

NUMBER	ARC	RADIUS	DELTA	CHORD	CHORD BEARING	TANGENT
C100	140.38	428.31	18°46'43"	139.75	N85°44'31"E	70.92
C101	129.89	378.31	19°40'16"	129.25	N86°10'18"W	65.59
C102	146.40	428.31	19°35'01"	145.68	N86°12'55"W	73.92
C103	210.24	275.00	43°48'11"	205.16	S81°40'29"W	110.56
C104	43.62	25.00	90°59'50"	38.30	N08°46'33"E	19.79
C105	145.59	348.30	23°56'58"	144.53	S52°11'56"E	73.87
C106	481.22	408.68	67°27'56"	453.90	S30°26'27"E	272.89
C107	178.41	486.12	21°01'07"	177.07	S02°15'20"E	96.22
C108	363.61	581.24	35°50'35"	357.71	N00°11'08"W	187.98
C109	413.18	309.00	76°36'48"	383.08	S20°11'59"E	244.09
C110	39.29	25.00	90°02'19"	35.37	N76°28'28"E	25.02
C111	145.16	741.65	11°12'53"	144.93	S73°03'54"E	71.81
C112	320.98	768.00	23°56'47"	318.65	N30°41'47"E	162.87
C113	170.15	845.99	11°31'26"	169.87	N24°29'06"E	85.37
C114	131.04	472.40	14°18'41"	129.77	N08°35'29"E	163.74
C115	305.95	472.00	37°06'28"	300.63	N05°22'23"E	158.56
C116	39.14	25.00	89°42'30"	35.27	N46°22'27"W	24.87
C117	235.07	507.50	26°32'21"	232.98	S75°30'07"W	119.68
C118	386.55	480.00	38°11'04"	375.43	S86°09'19"E	200.76
C119	190.85	270.00	40°30'01"	186.91	S84°59'51"W	99.61
C120	435.50	439.72	56°44'47"	417.92	N86°52'46"W	237.49
C121	39.29	25.00	90°02'19"	35.37	S76°28'28"W	25.02
C122	425.55	509.00	47°54'07"	413.26	S07°30'14"W	226.10
C123	183.13	509.00	20°36'51"	182.14	S26°45'14"E	92.57
C124	172.93	259.00	38°15'23"	169.74	S74°11'42"E	89.83
C125	131.65	491.00	19°18'39"	131.16	S73°40'04"E	66.52
C126	40.40	509.00	45°51'33"	396.61	N83°03'29"E	215.32
C127	125.41	491.00	14°38'03"	125.07	N67°26'44"E	63.05
C128	374.16	309.00	69°22'42"	351.72	N36°46'13"E	213.87
C129	212.13	309.00	39°20'01"	207.99	N19°40'10"W	110.44
C130	390.04	509.00	37°48'49"	383.00	N20°25'36"W	202.42
C131	175.24	539.37	18°36'57"	174.47	N79°07'08"E	88.40
C132	131.65	491.00	19°18'39"	131.16	N73°40'04"E	66.52
C133	385.07	589.93	48°04'31"	373.88	N71°38'31"E	244.73
C134	250.65	585.57	24°31'22"	248.72	N59°52'56"E	127.26
C135	277.45	2062.26	7°42'30"	277.24	N68°17'22"E	138.93
C136	48.28	430.41	49°14'57"	46.25	S84°30'49"E	24.16
C137	371.68	432.41	49°14'57"	360.35	S60°49'49"E	198.20
C138	152.35	619.20	14°05'49"	151.96	S66°56'15"E	76.56
C139	39.29	25.00	90°02'19"	35.37	N80°14'29"E	295.10
C140	81.11	119.20	7°30'17"	80.80	N07°42'59"E	40.61
C141	267.08	380.98	40°09'59"	261.65	N67°02'50"E	139.29
C142	80.01	1447.69	3°10'00"	80.00	N88°42'49"E	40.02
C143	484.89	1449.69	19°09'51"	482.63	S80°07'15"E	244.73
C144	454.30	993.28	26°12'19"	450.35	N83°32'15"E	231.19
C145	80.18	995.28	4°36'57"	80.16	N80°56'53"W	40.11
C146	60.99	993.28	3°31'08"	60.98	S76°52'51"W	30.51
C147	34.82	993.28	3°42'06"	34.82	S84°00'00"W	23.74
C148	167.15	474.37	20°11'21"	166.29	N79°54'20"E	87.82
C149	160.38	355.00	25°53'07"	159.02	N82°45'13"E	81.58
C150	371.65	442.93	48°04'31"	360.84	N71°39'31"E	197.55
C151	35.41	604.57	15°01'22"	35.40	N82°45'13"E	81.58
C152	275.30	2046.26	7°42'30"	275.09	N68°17'22"E	137.86
C153	353.73	448.41	55°40'32"	317.49	S87°43'37"E	236.80
C154	25.88	555.20	78°08'08"	709.30	N83°32'15"E	441.60
C155	278.30	996.98	40°09'59"	279.00	N83°32'15"E	149.44
C156	571.25	1465.69	22°19'51"	567.64	S81°42'15"E	289.29
C157	585.72	977.28	34°20'22"	576.96	S87°42'31"E	301.95
C158	585.22	977.28	34°20'22"	576.96	S87°42'31"E	301.95
C159	585.75	927.28	34°20'22"	577.47	S87°42'31"E	286.50
C160	590.73	1515.69	22°19'51"	587.00	S81°42'15"E	289.29
C161	313.35	446.98	40°09'59"	306.98	N87°02'50"E	163.40
C162	259.00	509.00	40°09'59"	259.00	N87°02'50"E	163.40
C163	484.32	498.41	55°40'32"	465.49	N87°43'37"E	263.22
C164	268.57	1996.26	7°42'30"	268.37	N68°17'22"E	134.49
C165	39.44	604.57	15°01'22"	39.43	S66°56'15"E	76.56
C166	329.70	392.93	48°04'31"	320.11	S59°39'31"E	177.25
C170	82.97	405.00	25°53'07"	181.42	N82°45'13"E	93.08
C171	49.53	424.37	20°11'21"	148.76	N79°54'20"E	75.55
C172	41.50	424.37	20°11'21"	148.76	N79°54'20"E	75.55
C173	125.38	440.00	16°19'35"	124.95	S77°58'27"W	63.12
C174	523.19	2062.55	14°32'01"	521.79	N07°16'20"E	263.01
C175	56.55	516.00	6°16'46"	56.52	N03°08'44"E	28.95
C176	53.04	516.00	6°16'46"	53.02	N03°08'44"E	28.95
C177	307.08	700.00	25°08'06"	304.63	S23°34'22"E	156.05
C178	335.94	700.00	27°29'49"	332.72	S02°44'36"E	171.27
C179	39.55	604.57	15°01'22"	39.54	S66°56'15"E	76.56
C180	204.32	313.55	37°20'10"	200.72	S85°26'36"E	105.93
C181	252.32	250.00	57°49'37"	241.74	N84°18'20"E	138.08
C182	683.61	2521.53	15°32'00"	681.51	N07°47'06"E	349.91
C183	31.31	2521.53	15°32'00"	31.30	N07°47'06"E	349.91
C184	49.00	582.00	4°49'27"	48.99	S66°41'07"E	24.52
C185	97.33	580.00	38°37'12"	97.21	N21°15'15"E	48.78
C186	97.33	580.00	38°37'12"	97.21	N21°15'15"E	48.78
C187	117.82	309.00	02°04'54"	117.81	N73°08'50"E	80.64
C188	117.82	309.00	02°04'54"	117.81	N73°08'50"E	80.64
C189	138.31	380.00	20°51'14"	137.55	S41°30'30"E	69.93
C190	138.31	380.00	20°51'14"	137.55	S41°30'30"E	69.93
C191	17.79	166.00	06°08'22"	17.78	N00°40'27"E	8.90
C192	56.09	591.00	05°26'18"	56.07	N00°14'21"E	28.07
C193	70.00	717.50	05°35'23"	69.97	S29°34'53"W	35.03
C194	97.33	40.40	90°02'19"	97.32	N76°28'28"E	25.02
C195	08.69	472.40	13°10'58"	108.45	N17°27'08"E	54.59
C196	36.03	419.30	4°55'26"	36.02	N61°42'42"E	18.03
C197	18.11	419.30	4°55'26"	18.10	N61°42'42"E	18.03
C198	56.73	476.42	18°50'55"	56.02	N30°47'59"W	79.08
C199	94.87	331.00	16°25'20"	94.55	N64°37'00"E	47.76

GENERAL NOTES

1. WHEN CONFLICTS EXIST BETWEEN THE "STANDARD SPECIFICATIONS" AND THE "PLANS" ("PLANS" SHALL MEAN THE SHEETS NUMBERED 1 OF 13 THROUGH 13 OF 13 ENTITLED "CONSTRUCTION PLANS FOR HIGH DESERT SUBDIVISION, PHASE I-D"). THE CONSTRUCTION OBSERVER SHALL BE NOTIFIED IMMEDIATELY FOR RESOLUTION. IN GENERAL, THE PLANS SHALL GOVERN.
2. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS GOVERNING CONSTRUCTION SAFETY AND HEALTH.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION OBSERVER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
4. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE FOR LOCATION OF EXISTING UTILITIES.
5. ALL ELECTRICAL, TELEPHONE, CABLE TV, AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS.
6. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN IN SERVICE, ALL EXISTING UTILITIES.
7. THE CONTRACTOR SHALL BE REQUIRED TO CONFINE ITS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR PUBLIC RIGHT-OF-WAY TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. THE CONTRACTOR SHALL AT ALL TIMES TRY TO MINIMIZE THE DISTURBANCE TO THE EXISTING VEGETATION.
8. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, TOPSOIL DISTURBANCE AND EXCAVATION PERMITS, ETC.)
9. ALL TRENCHES AND EXCAVATIONS SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED ACCORDING TO OSHA CONSTRUCTION SAFETY AND HEALTH STANDARDS. JOB SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. BLASTING USING EXPLOSIVES SHALL NOT BE PERMITTED. THE USE OF OTHER TECHNIQUES SHALL BE DONE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER AND THE CITY OF ALBUQUERQUE.
11. CONTRACTOR SHALL OBTAIN A COPY OF SOILS REPORT FROM THE CONSTRUCTION OBSERVER PRIOR TO BEGINNING CONSTRUCTION.
12. ALL STATIONING IS BASED ON STREET CENTERLINE, UNLESS OTHERWISE NOTED.

WATERLINES REQUIREMENTS

1. WATERLINE CROSSINGS OF THE BEAR CANYON ARROYO SHALL INCLUDE ONE 4" PVC FILLED WITH GROUT ABOVE THE 36" WATERLINE FROM PRUDENT LINE TO PRUDENT LINE AS SPECIFIED IN THE PLANS. THE 4" PVC WILL SERVE AS A WARNING SIGN IF THE 16" OR/AND 36" WATERLINES ARE UNCOVERED BY A FLOOD OR EXCAVATION IN THE AREA.
2. TEMPORARY WATERLINE CONNECTIONS FOR CONSTRUCTION PURPOSES SHALL BE INCIDENTAL TO THE PROJECT.
3. THE CONTRACTOR SHALL RETURN ALL REMOVED WATERINES AND FITTINGS TO THE CITY WATER UTILITIES DEPARTMENT (PINO YARDS).

CONSTRUCTION SIGNING: UNLESS GOVERNED BY A SPECIFIC PLAN, THE FOLLOWING NOTES APPLY:

- A. ALL BARRICADES AND SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST DIVISION EDITION.
- B. CONTRACTOR SHALL PREPARE A CONSTRUCTION SIGNING PLAN AND OBTAIN APPROVAL OF SUCH PLAN FROM THE CITY OF ALBUQUERQUE, TRAFFIC DIVISION, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
- C. CONTRACTOR SHALL MAINTAIN ALL BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADES AT THE END AND BEGINNING OF EACH DAY.

SPECIAL NOTES FOR CONTRACTOR - CORPS 404 PERMIT REQUIREMENTS:

THE FOLLOWING CONDITIONS WERE PLACED ON THE PROJECT BY THE CORP OF ENGINEERS, SECTION 404, NATIONWIDE PERMIT:

1. AVOID DISTURBANCE TO THE GRAMA GRASS CACTUS WHEREVER POSSIBLE.
2. PROTECT FISH AND WILDLIFE RESOURCES

A. STORE FUELS, LUBRICANTS, HYDRAULIC FLUIDS AND OTHER PETROCHEMICALS OUTSIDE THE 100-YEAR FLOODPLAIN.

B. INSPECT CONSTRUCTION EQUIPMENT DAILY TO ENSURE THAT NO LEAKS OR DISCHARGES OR LUBRICANTS, HYDRAULIC FLUIDS OR FUELS OCCUR IN THE AQUATIC OR RIPARIAN ECOSYSTEM, AND

C. CONTAIN PETROCHEMICAL SPILLS, INCLUDING CONTAMINATED SOIL, AND DISPOSE AT AN UPLAND SITE.
3. CONSTRUCTION WITHIN 200 FEET OF ARCHEOLOGICAL SITES ELIGIBLE FOR THE NATIONAL REGISTER OF HISTORIC PLACES (LA 86078, LA 86079, LA 99727) WILL NOT BEGIN UNTIL AFTER THE CROPS HAS NOTIFIED YOU THAT COORDINATION WITH THE NEW MEXICO STATE HISTORIC PRESERVATION OFFICER IS COMPLETE.
4. THE CORPS WILL BE NOTIFIED IMMEDIATELY IF ANY PREVIOUSLY UNDISCOVERED CULTURAL RESOURCES ARE ENCOUNTERED DURING ANY CONSTRUCTION OPERATIONS. CONSTRUCTION WILL CEASE IN THE IMMEDIATE VICINITY OF THE RESOURCE UNTIL THE SIGNIFICANCE AND DISPOSITION OF THE RESOURCE HAS BEEN EVALUATED IN ACCORDANCE WITH CODE OF FEDERAL REGULATIONS 36 (CFR) 800.11.

MISCELLANEOUS NOTES:

1. ALL BOULDERS ENCOUNTERED DURING THE COURSE OF CONSTRUCTION SHALL BE PRESERVED AND PLACE LINEARLY (DO NOT "PILE") ALONG THE ADJACENT RIGHT-OF-WAY FOR LATER USE IN LANDSCAPING WORK.
2. CONTRACTOR SHALL MAINTAIN IN PLACE ALL EXISTING FENCES AND KEEP ALL GATES LOCKED AT NIGHT AND WHEN NOT PRESENT ON SITE.

WATERLINE RECLAMATION NOTES

1. SEE SUPPLEMENT SPECIFICATION BOOKLET ENTITLED "HIGH DESERT SUBDIVISION PHASE I-C RESTORATION AND ENHANCEMENT PLAN" FOR RESTORATION AND ENHANCEMENT PLAN SPECIFICATIONS.
2. ALL DISTURBED AREAS SHALL BE RESTORED IN ACCORDANCE WITH THE SPECIFICATIONS PROVIDED IN THE ABOVE MENTIONED SPECIFICATION BOOKLET.
3. WORK AREAS SHALL BE LIMITED TO DESIGNATED ROAD RIGHT-OF-WAY AND WATERLINE EASEMENTS AS SHOWN ON THE PLANS. WORK OUTSIDE OF THE RIGHT-OF-WAY OR WATERLINE EASEMENTS IN EITHER CITY OPEN SPACE OR HIGH DESERT PROPERTY IS NOT ALLOWED WITHOUT WRITTEN CONSENT FROM CITY OPEN SPACE DIVISION AND HIGH DESERT INVESMENT CORPORATION.
4. COMMENTS OR QUESTIONS CONCERNING THE RESTORATION SPECIFICATIONS SHALL BE DIRECTED TO EITHER THE CONSTRUCTION OBSERVER OR THE LANDSCAPE ARCHITECT.
5. ANY SUBSTITUTION OF PLANT SEED MATERIAL MUST BE APPROVED BY THE CONSTRUCTION OBSERVER. ADDITIONALLY, IF THE SUBSTITUTE MATERIAL IS TO BE USED IN CITY OPEN SPACE IT MUST BE APPROVED BY CITY OPEN SPACE DIVISION.
6. THE CONTRACTOR SHALL WARRANTY THE RELCAMATION WORK FOR A PERIOD OF TWO (2) GROWING SEASONS, CONTINGENT UPON ACCEPTANCE BY HIGH DESERT AND THE CITY OPEN SPACE DIVISION.

CONSTRUCTION ACCESS:

1. THE PHASE I-D CONTRACTOR SHALL TAKE ACCESS ONLY FROM THE ACADEMY/TRAMWAY OR SPAIN /TRAMWAY INTERSECTIONS. ACCESS THROUGH THE HIGH DESERT DEVELOPMENT MUST BE COORDINARED AND APPROVED BY THE HIGH DESERT INVESTMENT CORP.
2. DURING CONSTRUCTION OF THE WATERLINES, ACCESS MUST BE MAINTAINED ACROSS THE EXISTING BLADED ROADWAY RUNNING EAST/WEST AND EAST OF IMPERATA STREET. THIS ROAD IS USED BY A RESIDENT WHO LIVES EAST OF THE HIGH DESERT EAST BOUNDARY. SCHOOL BUSES ALSO USE THIS ROAD TO ACCESS A CLASSROOM FACILITY EAST OF THE HIGH DESERT DEVELOPMENT. EQUIPMENT CROSSING SIGNS AND STOP SIGNS SHOULD BE MAINTAINED BY THE CONTRACTOR AT THIS LOCATION. CONTRACTORS SHOULD COORDINATE WITH HIGH DESERT CORPORATION REGARDING ACCESS & TRAFFIC CONTROL AT THIS EXISTING ROADWAY.
3. CONTRACTOR IS NOT ALLOWED TO DRIVE BEYOND STA 27+00.00 (SEE SHT 13 OF 13) THE 16" AND 36" SHUT-OFF VALVES WILL BE ACCESSED THROUGH GLEENWOOD HILLS ONLY.

EXISTING UTILITIES:

ACCESS FOR THE WATERLINE WORK IS FROM HIGH DESERT STREET ONLY. NO ACCESS IS ALLOWED FROM THIS SOUTH END OF THE WATERLINE PROJECT. THESE DRAWINGS REFLECT INFORMATION ON UTILITIES GATHERED BY SITE INSPECTION, DISCUSSIONS WITH LOCAL UTILITIES, ENGINEERING OFFICIALS, AND PREVIOUS CONSTRUCTION DRAWINGS PROVIDED TO OR OBTAINED BY THE ENGINEER. IT IS POSSIBLE THAT THE EXACT LOCATION OF LINES IN THE IMMEDIATE VICINITY OF THE PROJECT MAY BE SLIGHTLY DIFFERENT FROM THE LOCATION SHOWN ON THIS DRAWING. IF ADDITIONAL LINES ARE ENCOUNTERED, THEY SHALL BE EXPOSED AND IDENTIFIED BY THIS CONTRACTOR. WHERE ADDITIONAL LINES AND/OR DIFFERING LOCATIONS ARE ENCOUNTERED, THIS CONTRACTOR SHALL REQUEST THAT THE ENGINEER MAKE A RULING AS TO ANY NECESSARY CHANGE OF MATERIALS, RE-ROUTING, ABANDONING OR RELOCATING OF SUCH LINES. GAS COMPANY, PNM, US WEST AND/OR CABLE TV SHALL BE THE SOLE AUTHORITY IN RULING ON THE DISPOSITION OF THEIR EXISTING LINES. ALL LINES ENCOUNTERED THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED TO CLEAR CONSTRUCTION (IF ACTIVE) AND SHALL BE REMOVED (IF INACTIVE) BY THIS CONTRACTOR UNDER THIS CONTRACT. ALL BIDDERS ARE CAUTIONED TO INVESTIGATE SITE CONDITIONS BEFORE SUBMITTING THEIR BIDS. ALL EXISTING PIPING SHALL HAVE A MINIMUM EARTH COVERAGE AND DEPTHS SHALL BE ADJUSTED AS REQUIRED TO PROVIDE MINIMUM COVERAGE DUE TO NEW GRADES OR CONSTRUCTION. CONTRACTOR SHALL PAY FOR ANY AND ALL COSTS OF PERMITS, LINE EXTENSIONS, FIRELINES, METER INSTALLATION, ETC., AS REQUIRED BY LOCAL GOVERNING UTILITIES ENGINEERING OFFICIALS.

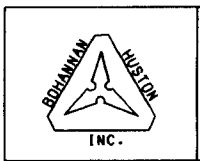
EROSION CONTROL MEASURES:

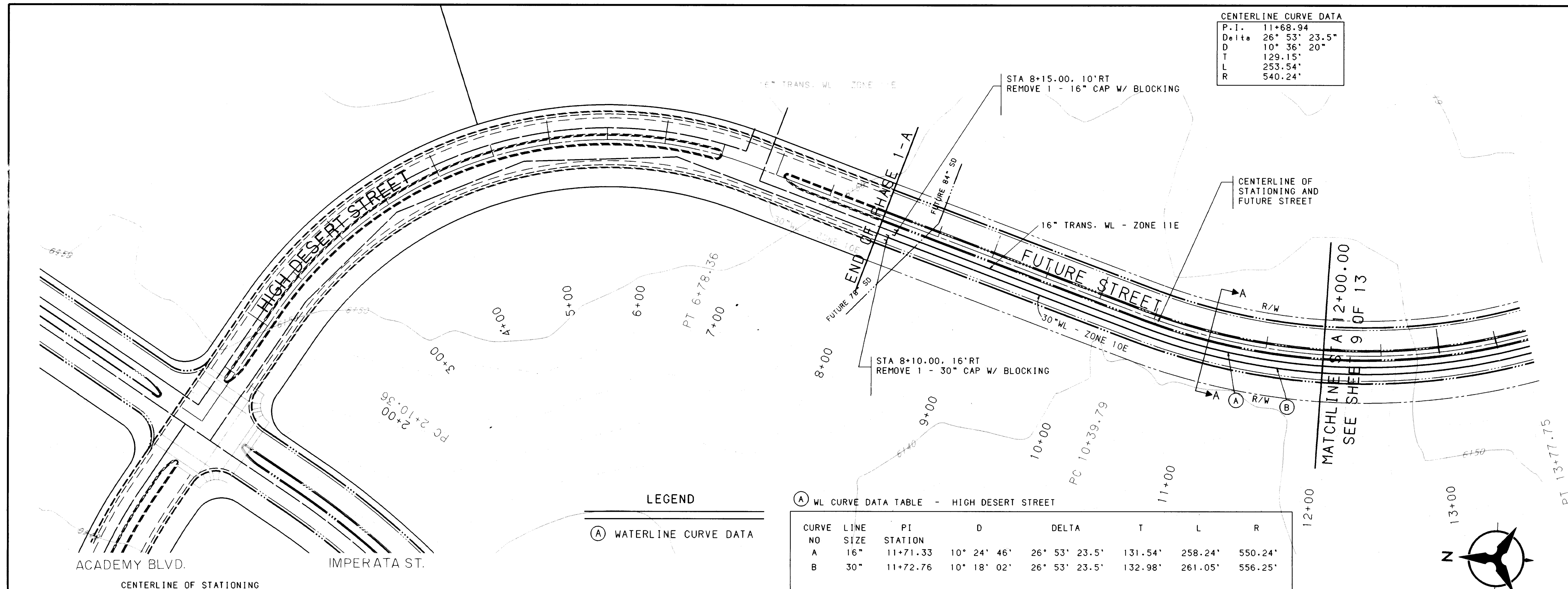
1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY. THIS MAY BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE CONSTRUCTION LIMITS AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
2. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
3. THE CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION. THE COST OF REQUIRED EROSION CONTROL MEASURES SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT COST.
4. DURING THE MONTHS OF JULY, AUGUST, OR SEPTEMBER, ANY GRADING WITHIN OR ADJACENT OF A WATERCOURSE DEFINED AS A MAJOR FACILITY SHALL PROVIDE FOR EROSION CONTROL AND THE SAFE PASSAGE OF THE 10-YEAR DESIGN STORM RUNOFF DURING THE CONSTRUCTION PHASE.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-410091 99 0695

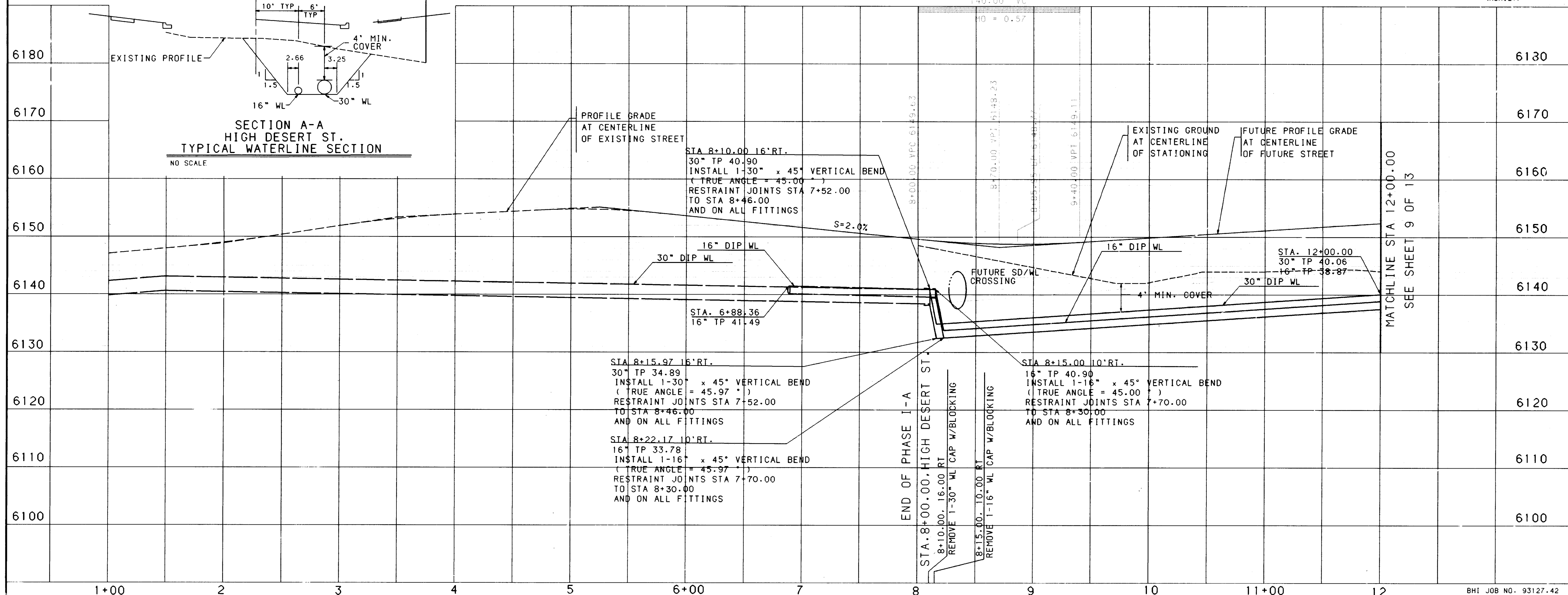
SCANNED BY
BY LASON

BHI JOB NO. 93127.42

		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
HIGH DESERT SUBDIVISION PHASE I-D GENERAL NOTES					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>B. G. Gaby</i>	11-17-94	WATER	<i>Leah Cohen</i>	<i>11-17-94</i>
TRANSPORTATION	<i>N/A</i>	9-23-94	WASTE WATER	<i>Leah Cohen</i>	<i>11-17-94</i>
HYDROLOGY	<i>N/A</i>	9-23-94			
DRAWING NO.		4809.94		MAP NO.	E23.F23
				SHEET	6 OF 13



PHASE 1- D
HIGH DESERT STREET - WATER LINE



NOTES

- ALL CURB DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- CONTRACTOR SHALL HAVE PROPOSED CURB STAKED PRIOR TO SETTING FINAL FIRE HYDRANT LOCATION. ANY SUBSEQUENT RELOCATION OF A FIRE HYDRANT TO CONFORM TO ACTUAL CURB LOCATIONS AND CITY OF ALBUQUERQUE STANDARD DETAILS SHALL BE MADE AT CONTRACTOR'S EXPENSE.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION, AS AMENDED WITH UPDATE #4.
- ALL 16" BUTTERFLY VALVES SHALL BE CLASS 250.

CONTRACTOR: MCC INC
DESIGNED BY: LUCERO & ASSOC
CHECKED BY: BHI
DATE: 6/94

FIELD LOCATION BY: BHI
DATE: 6/94

REVISIONS
NO. DATE
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2009-07-09 2009-07-09 2009-07-09 2009-07-09 2009-07-09 2009-07-09 2009-07-09 2009-07-09 2009-07-09 2009-07-09 2009-07-09 2009-07-09 2009-07-09 2009-07-09 2009-07-09

DESIGNED BY: MPE
DRAWN BY: SV. MPE
CHECKED BY: JRT

DATE: 6/94
DATE: 6/94
DATE: 6/94

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

HIGH DESERT SUBDIVISION PHASE 1-D
WATER LINE PLAN & PROFILE
HIGH DESERT ST. STA. 8+00 TO STA. 12+00

APPROVALS
ENGINEER: [Signature]
DATE: 7-17-94
TRANSPORTATION: [Signature]
DATE: 9-23-94
HYDROLOGY: [Signature]
DATE: 9-23-94

DRAWING NO. 4809.94
MAP NO. E-23.F-23
SHEET 8 OF 13

CENTERLINE CURVE DATA						
P.I.	11+68.94					
Delta	26° 53' 23.5"					
D	10' 36' 20"					
T	129.15'					
L	253.54'					
R	540.24'					

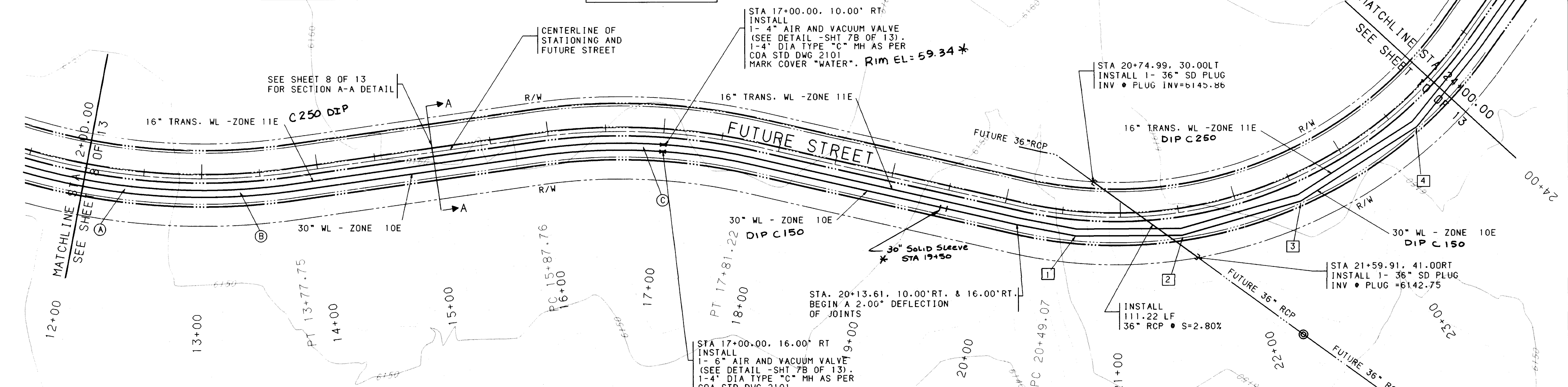
CENTERLINE CURVE DATA						
P.I.	13+35.63					
Delta	8° 57' 8.1"					
D	10' 36' 16"					
T	42.30'					
L	84.42'					
R	540.30'					

CENTERLINE CURVE DATA						
P.I.	16+85.69					
Delta	21° 1' 41.0"					
D	10' 52' 11"					
T	97.83'					
L	193.46'					
R	527.12'					

CENTERLINE CURVE DATA						
P.I.	20+31.36					
Delta	5° 31' 31.5"					
D	15' 34' 59"					
T	17.74'					
L	35.46'					
R	367.68'					

CENTERLINE CURVE DATA						
P.I.	22+69.74					
Delta	61° 56' 24.3"					
D	15' 34' 59"					
T	220.66'					
L	397.48'					
R	367.68'					

* = AS-BUILT INFORMATION
P.B.L. 06/22/95

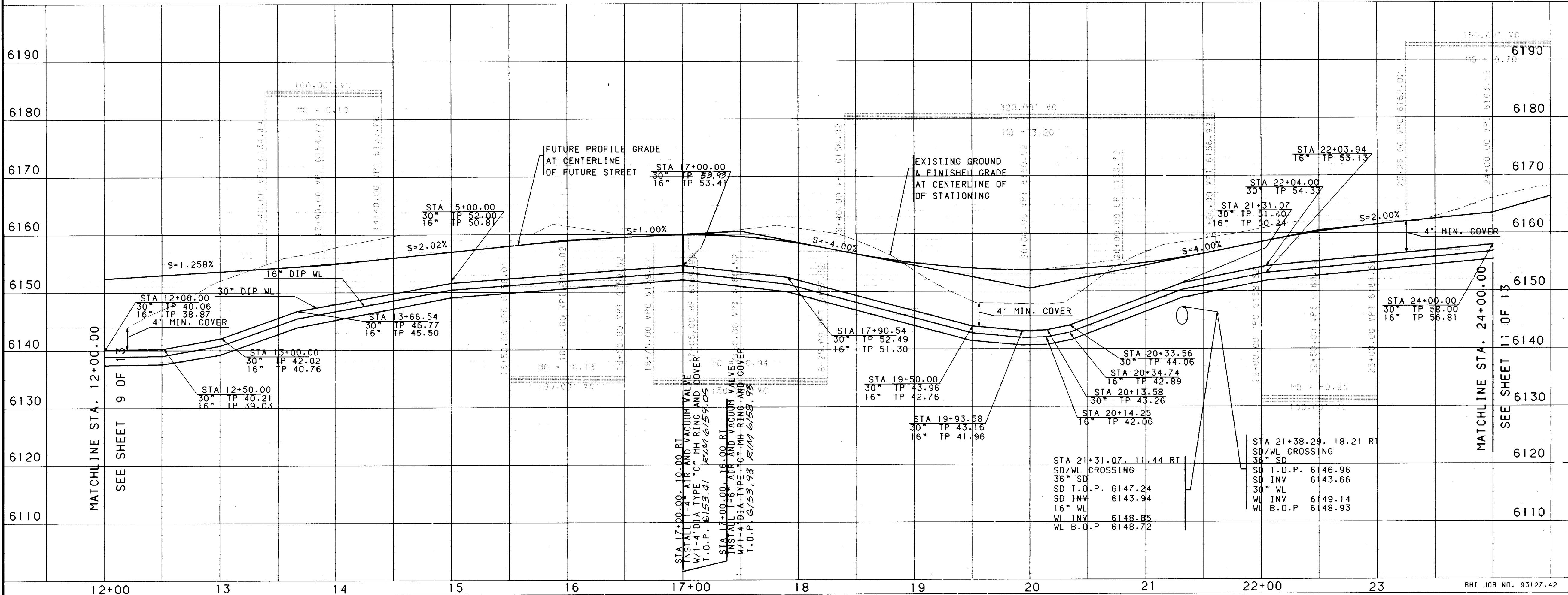


WATERLINE CURVE DATA TABLE						
CURVE No.	LINE SIZE	P.I. STATION	D	DELTA	T	L
A	16" WL	12+22.79	10' 24' 46"	15' 20' 25.20"	74.10'	147.32'
B	30" WL	12+23.60	10' 18' 02"	15' 20' 25.20"	74.91'	148.93'
C	16" WL	13+36.41	10' 24' 46"	8' 57' 11.70"	43.07'	85.98'
D	30" WL	13+36.88	10' 18' 02"	8' 57' 11.70"	43.55'	86.92'
E	16" WL	16+83.74	11' 04' 48"	21' 01' 41.00"	95.97'	189.79'
F	30" WL	16+82.62	11' 12' 36"	21' 01' 41.00"	94.86'	187.58'

LEGEND	
I	WATERLINE BEND DATA
A	WATERLINE CURVE DATA

PHASE 1-D HIGH DESERT ST. - WATER LINE

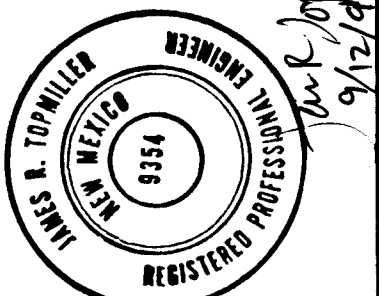
WATERLINE BEND TABLE						
BEND No.	BEND SIZE	TRUE ANGLE	STATION	OFFSET	MIN. DISTANCE TO NEAREST JOINT	
1	16" X 11 1/4"	11.25°	20+63.51	11.70' RT	2.00'	
2	30" X 11 1/4"	11.25°	20+63.50	17.72' RT	4.00'	
3	16" X 11 1/4"	15.64°	21+51.36	14.16' RT	4.00'	
4	30" X 11 1/4"	15.64°	21+49.98	19.73' RT	4.00'	
5	30" X 11 1/4"	16.83°	22+51.36	14.16' RT	4.00'	
6	30" X 11 1/4"	16.83°	22+51.39	20.22' RT	4.00'	
7	16" X 22 1/2"	18.25°	23+64.02	14.38' RT	4.00'	
8	30" X 22 1/2"	18.25°	23+64.05	20.46' RT	8.00'	



NOTES

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- CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- CONTRACTOR SHALL HAVE PROPOSED CURB STAKED PRIOR TO SETTING FINAL FIRE HYDRANT LOCATION. ANY SUBSEQUENT RELOCATION OF A FIRE HYDRANT TO CONFORM TO ACTUAL CURB LOCATIONS AND CITY OF ALBUQUERQUE STANDARD DETAILS SHALL BE MADE AT CONTRACTOR'S EXPENSE.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION, AS AMENDED WITH UPDATE #4.
- ALL 16" BUTTERFLY VALVES SHALL BE CLASS 250.

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	MCC INC.	TABLET STAMPED	"TUMBLE 1989" SET IN CONCRETE LOCATED APPROXIMATELY 489 FEET WEST AND 35 FEET NORTH OF THE INTERSECTION OF TENNYSON STREET AND SAN ANTONIO DRIVE.	DATE	10/12/94	NO.	10/12/94
WORKED BY	Lucas, J. Assoc.	DATE	10/12/94	NO.	10/12/94	NO.	10/12/94
INSPECTED BY	BH1	DATE	10/12/94	NO.	10/12/94	NO.	10/12/94
FILED BY	BH1	DATE	10/12/94	NO.	10/12/94	NO.	10/12/94
RECORDED BY	P.B.L.	DATE	10/12/94	NO.	10/12/94	NO.	10/12/94
DATE	10/12/94	DATE	10/12/94	DATE	10/12/94	DATE	10/12/94
NO.	10/12/94	NO.	10/12/94	NO.	10/12/94	NO.	10/12/94



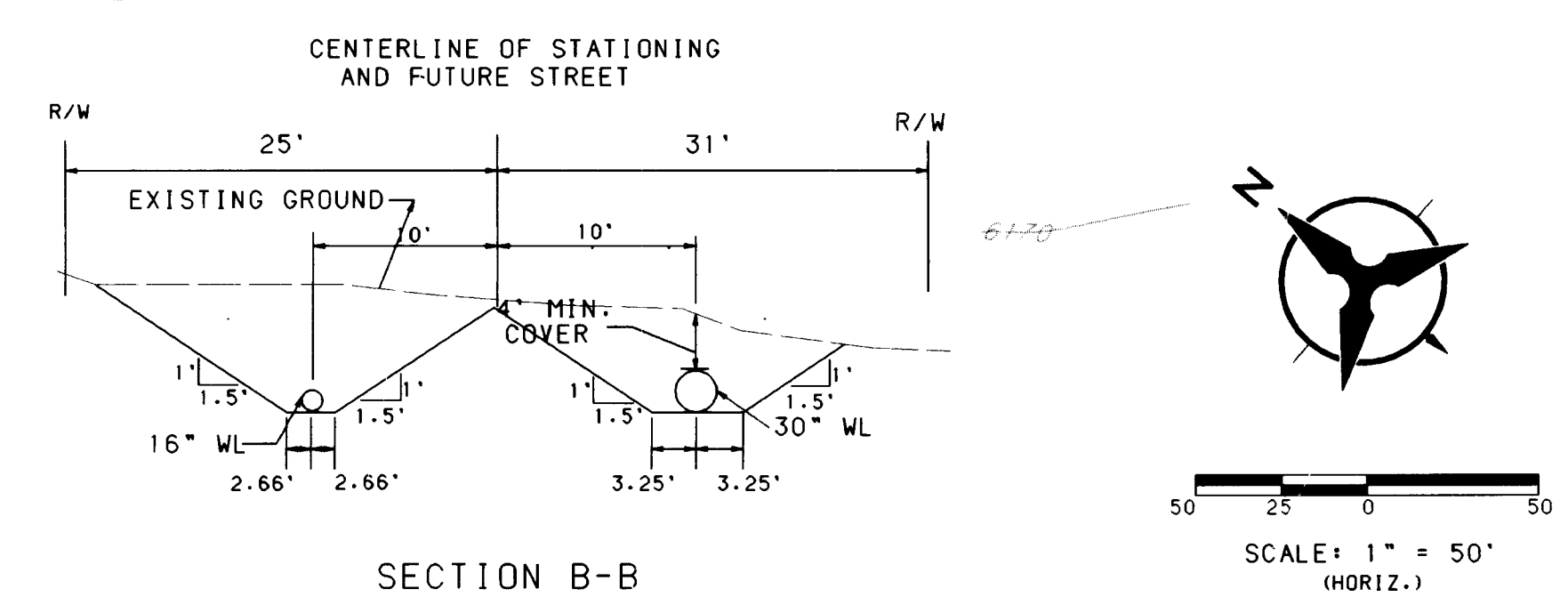
SCANNED BY
BY LASON

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-91091.99 0915

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

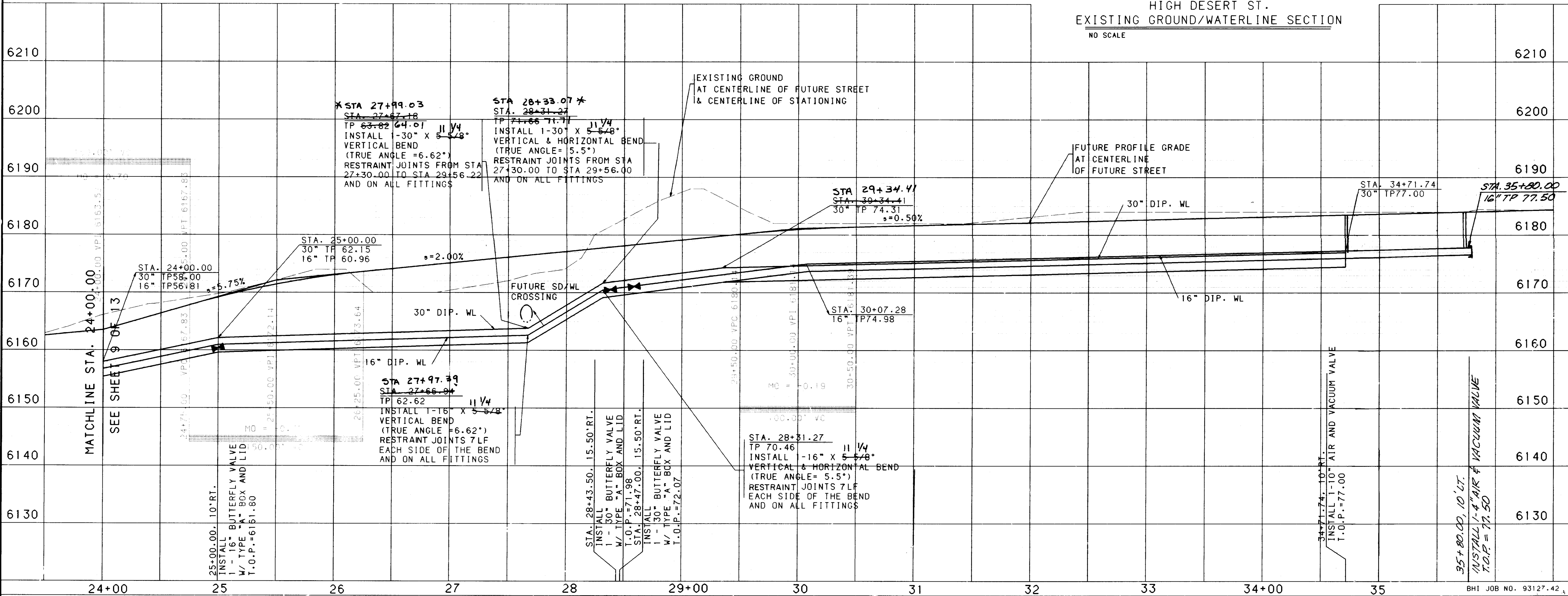
HIGH DESERT SUBDIVISION PHASE 1-D
WATER LINE PLAN & PROFILE
HIGH DESERT ST. STA. 12+00 TO STA. 24+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DR. CHAIRMAN	11-17-94	WATER			
TRANSPORTATION	9-23-94	WASTE WATER			
HYDROLOGY	9-23-94				



WATERLINE BEND TABLE						
BEND NUMBER	BEND SIZE	TRUE ANGLE	STATION	OFFSET	MIN. DISTANCE TO NEAREST JOINT	
1	16" x 11 1/4"	7.60°	26+09.68	10.00' RT.	4.00'	
1	30" x 11 1/4"	7.60°	26+09.68	16.30' RT.	4.00'	
2	16" x 11 1/4"	14.16°	27+12.62	10.00' RT.	4.00'	
2	30" x 11 1/4"	27.13.44	28+17.39	10.00' RT.	4.00'	
3	16" x 22 1/2"	25.50°	28+27.39	10.18' RT.	4.00'	
4	16" x 22 1/2"	24.69°	28+71.28	10.00' LT.	4.00'	

PHASE 1-D
HIGH DESERT STREET - WATER LINE



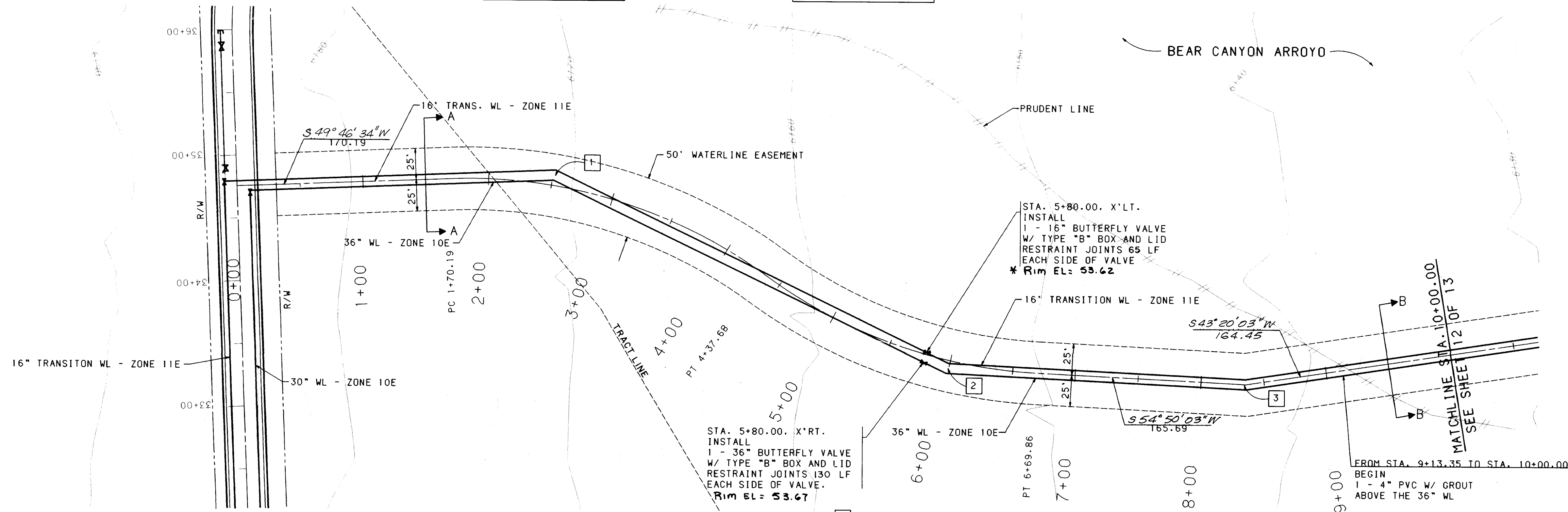
- NOTES
1. ALL CURB DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 2. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
 3. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
 4. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAYING ITEMS.
 5. CONTRACTOR SHALL PROVIDE THE INSPECTORS (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
 6. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
 7. ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
 8. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
 9. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 10. CONTRACTOR SHALL HAVE PROPOSED CURB STAKED PRIOR TO SETTING FINAL FIRE HYDRANT LOCATION. ANY SUBSEQUENT RELOCATION OF A FIRE HYDRANT TO CONFORM TO ACTUAL CURB LOCATIONS AND CITY OF ALBUQUERQUE STANDARD DETAILS SHALL BE MADE AT CONTRACTOR'S EXPENSE.
 11. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION, AS AMENDED WITH UPDATE #4.
 12. ALL 16" BUTTERFLY VALVES SHALL BE CLASS 250.

[illegible]

CENTERLINE CURVE DATA	
P.I.	3+09.15
Delta	38° 18' 54.5"
D	14° 19' 26"
T	138.96'
L	267.49'
R	400.00'

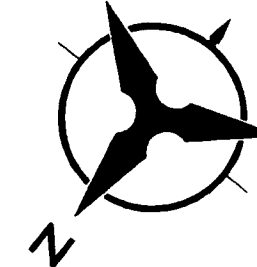
CENTERLINE CURVE DATA	
P.I.	5+57.14
Delta	33° 15' 25.1"
D	14° 19' 26"
T	119.46'
L	232.18'
R	400.00'

* As-built Information
P.B.L. 6/22/95



WATERLINE BEND TABLE

BEND NUMBER	BEND SIZE	TRUE ANGLE	STATION	OFFSET	MIN. DISTANCE TO NEAREST JOINT
1	16" X 22 1/2"	28.17°	2+51.48	12.49' LT.	5.00'
1	36" X 22 1/2"	28.17°	2+51.13	1.24' LT.	10.00'
2	16" X 22 1/2"	23.11°	5+98.85	10.45' RT.	5.00'
2	36" X 22 1/2"	23.16°	5+99.05	2.29' RT.	10.00'
3	16" X 11 1/4"	11.50°	8+36.35	3.92' RT.	4.00'
3	36" X 11 1/4"	11.50°	8+36.35	3.92' LT.	6.00'



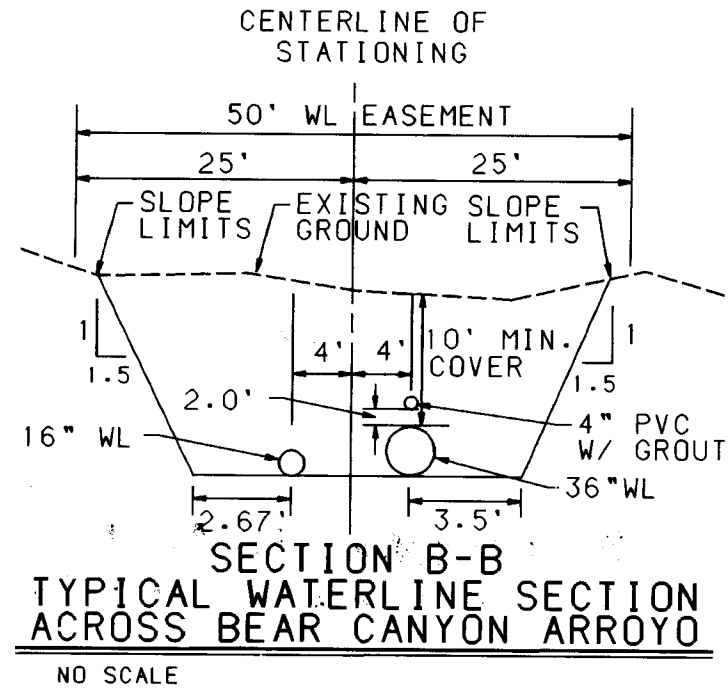
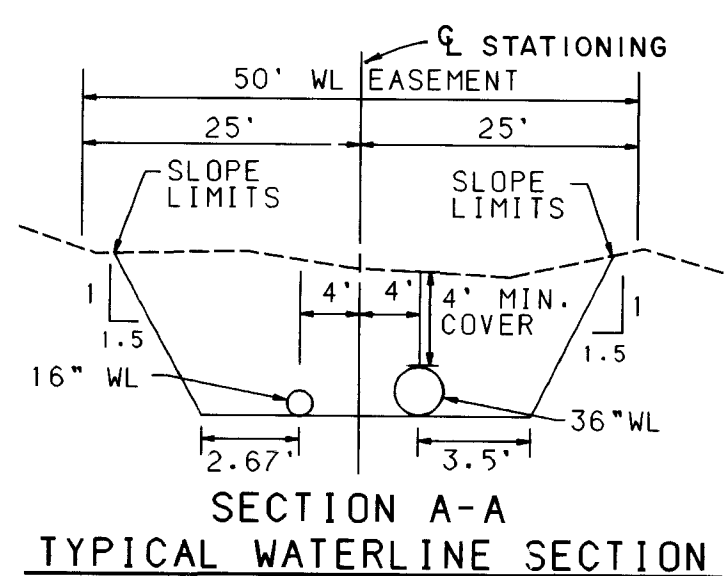
SCALE: 1" = 50' (HORIZ.)

PHASE 1-D WATER LINE

LEGEND	
[Symbol]	WATERLINE BEND DATA

NOTES

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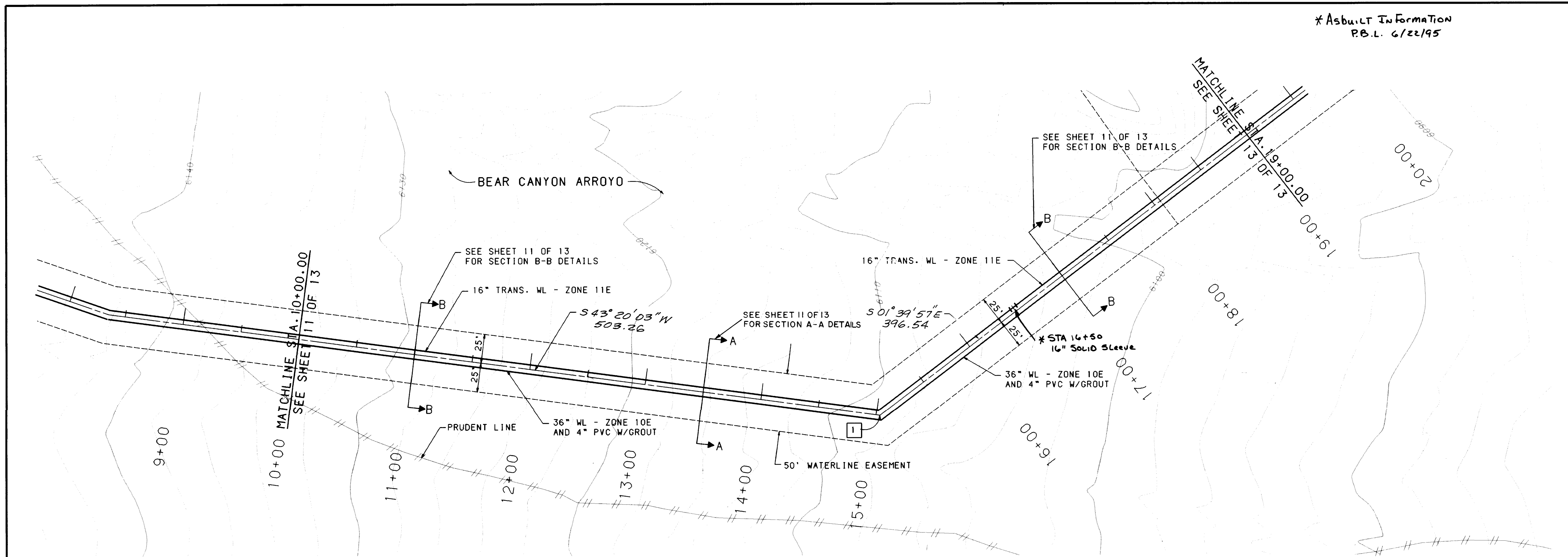


CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING
HIGH DESERT SUBDIVISION PHASE 1-D
WATER LINE PLAN & PROFILE
STA. 0+00 TO STA. 10+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B. G. Kelly	11-17-94	WATER		
TRANSPORTATION	A. J. R. R.	9-23-94	WASTE WATER		
HYDROLOGY	A. J. R. R.	9-23-94			

DRAWING NO. 4809.94 MAP NO. E-23 F-23 SHEET 11 OF 13

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-4809.94 9/9/95

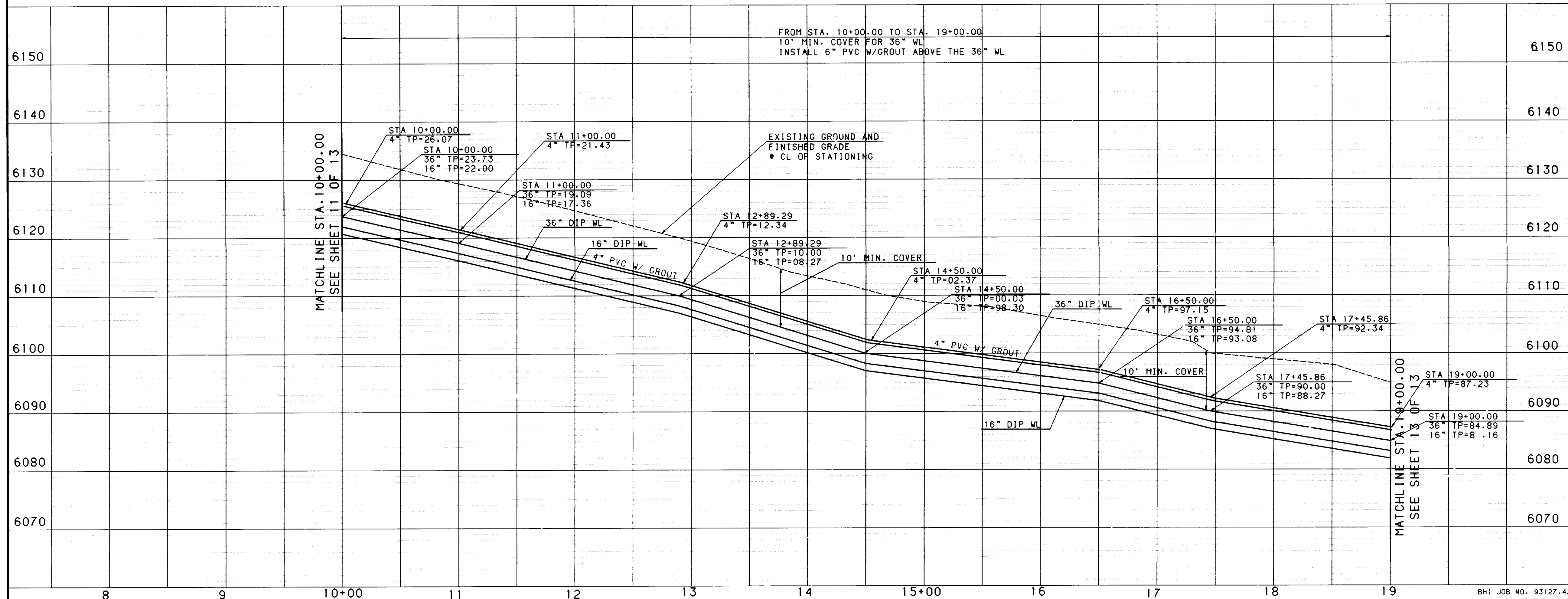
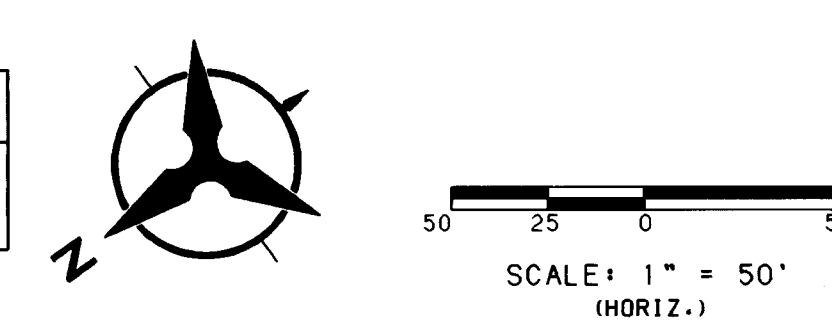


LEGEND

1	WATERLINE BEND DATA
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PHASE 1-D
WATER LINE

1 WATERLINE BEND TABLE					
BEND NUMBER	BEND SIZE	TRUE ANGLE	STATION	OFFSET	MIN. DISTANCE TO NEAREST JOINT
1	16" X 45°	45°	15+01.60 & 15+04.91	4.00' LT	10.00'
1	36" X 45°	45°	S14° 56' 09" E, 4.33' FROM STA 15+03.26 CL	---	15.00'



* Asbuilt Information
P.B.L. 6/22/95

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AS-BUILT INFORMATION

CONTRACTOR	MCC INC.
STAKED BY	Lucero & Assoc.
ACCEPTANCE BY	BHI
DATE	6/22/95
FIELD LOCATION BY	BHI
DATE	6/22/95
DRAWINGS	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	DATE
RECORDED BY	DATE
NO.	DATE

SURVEY INFORMATION

FIELD NOTES	
NO.	DATE
BY	

ENGINEER'S SEAL

REVISIONS

NO.	DATE	REMARKS
1	6/22/95	DESIGN

DESIGNED BY: HPE
DRAWN BY: SV, HPE
CHECKED BY: DATE 6/94

SCANNED BY BY LASON

2021-10-09 11:29

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

HIGH DESERT SUBDIVISION PHASE I-D
WATER LINE PLAN & PROFILE
STA. 10+00 TO STA. 19+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	6/22/95	11-17-94	WATER	6/22/95	
TRANSPORTATION	6/22/95	9-13-94	WASTE WATER	6/22/95	
HYDROLOGY	6/22/95	9-22-94			

DRAWING NO. 4809.94
MAP NO. E-23 F-23
SHEET 12 OF 13

* AS-BUILT IN FORMATION
P.B.L. 6/22/95

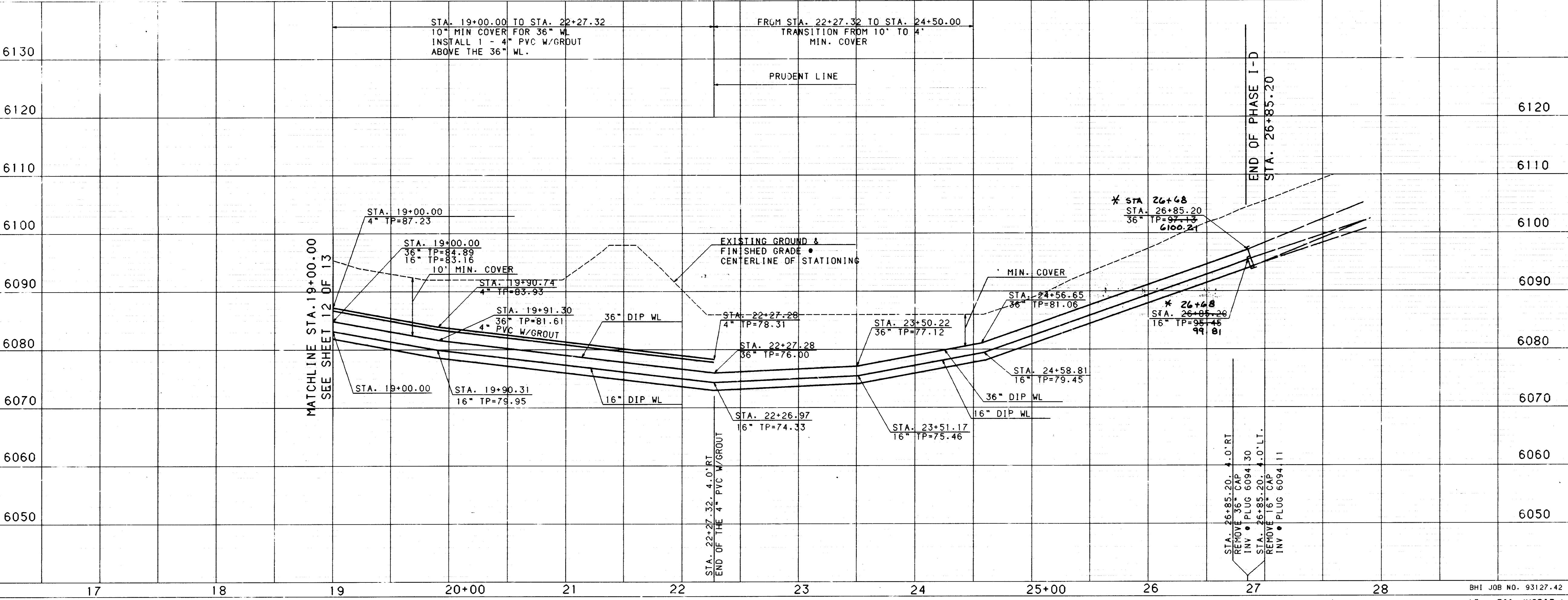
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11. ALL WORK DATA THESE PLANS TO BE FIELD VERIFIED BY THE CONTRACTOR. ANY OTHER WORK NOT SHOWN HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1ST EDITION, AS AMENDED WITH UPDATE #4.
12. ALL 16" BUTTERFLY VALVES SHALL BE CLASS 250.

WATERLINE BEND TABLE					
BEND NUMBER	BEND SIZE	TRUE ANGLE	STATION	OFFSET	MIN. DISTANCE TO NEAREST JOINT
1	16" X 5 5/8"	6.75°	21+28.59	3.50' LT	4
1	36" X 5 5/8"	6.75°	S52°08'47"E, 5.67'		4
			FROM STA. 21+33.05, CL		
2	16" X 22 1/2"	20.92°	26+59.90 & 26+61.38		4
2	36" X 22 1/2"	20.92°	S17°29'05"E, 4.07'		10
			FROM STA. 26+60.64, CL		

PHASE I-D
WATER LINE

LEGEND
1 WATERLINE BEND DATA



ENGINEER'S SEAL

REVISIONS

NO.	DATE	BY	REMARKS
1	6/94		DESIGN

DESIGNED BY: MPE
DRAWN BY: SV, MPE
CHECKED BY:

DATE: 6/94
DATE: 6/94
DATE: 6/94

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

HIGH DESERT SUBDIVISION PHASE I-D
WATER LINE PLAN & PROFILE
STA. 19+00 TO STA. 27+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DR. CHAIRMAN					
TRANSPORTATION					
HYDROLOGY					

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

DRAWING NO. 4809.94
MAP NO. E-23.F-23
SHEET 13 OF 17