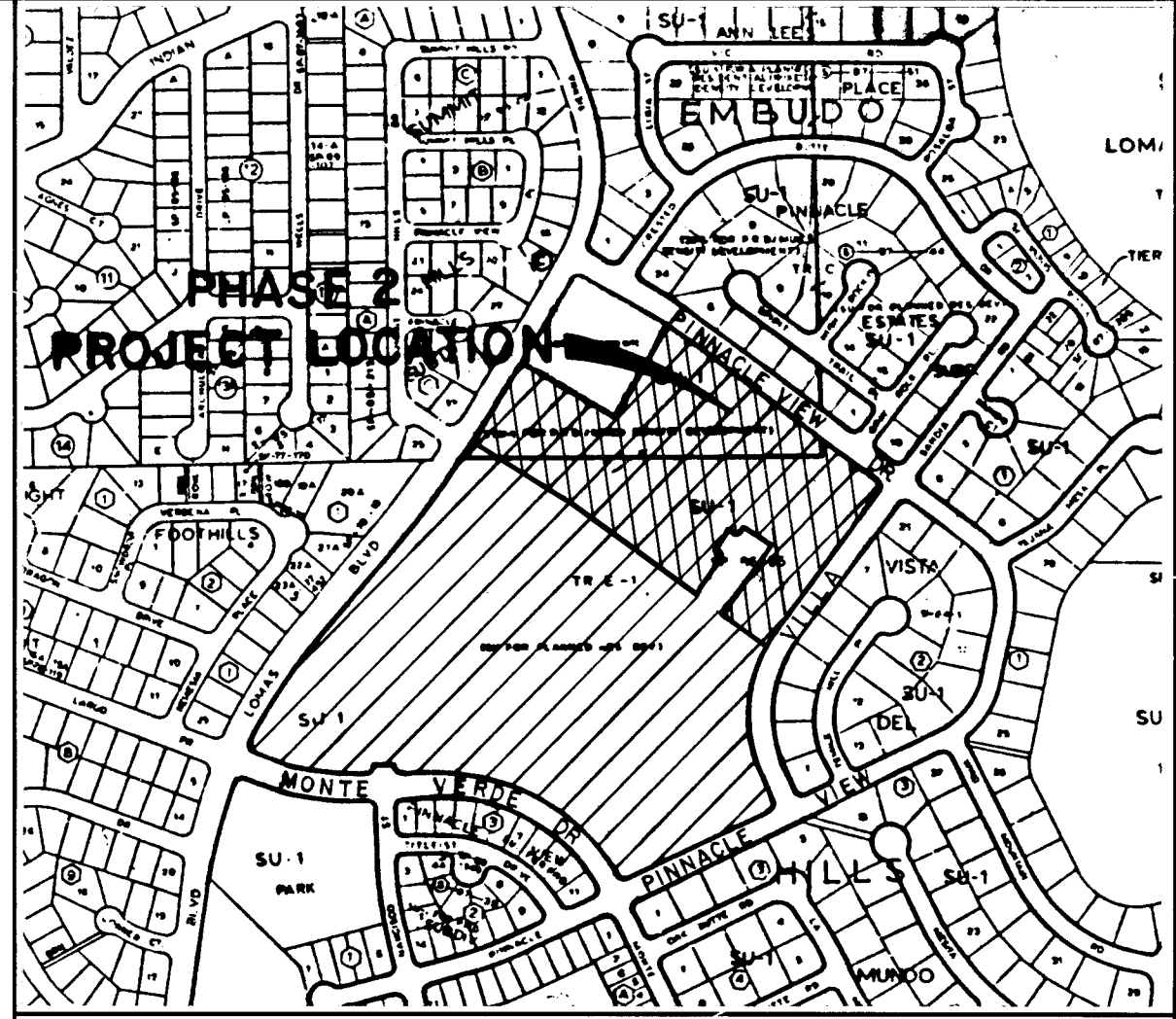


CONSTRUCTION PLANS FOR



VICINITY MAP
NOT TO SCALE
J-23

NOTICE TO CONTRACTORS

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACTOR 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.
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL ADVISE THE ENGINEER OR SURVEYOR IMMEDIATELY THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
4. 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 BARRICADE PERMIT FROM THE CONSTRUCTION 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.
5. 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 ENGINEER WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OR 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.
- ☐ JACK 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 DERESSED 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.

SCANNED BY
BY LASON

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
Russell B. Luhn
DATE 2-4-94

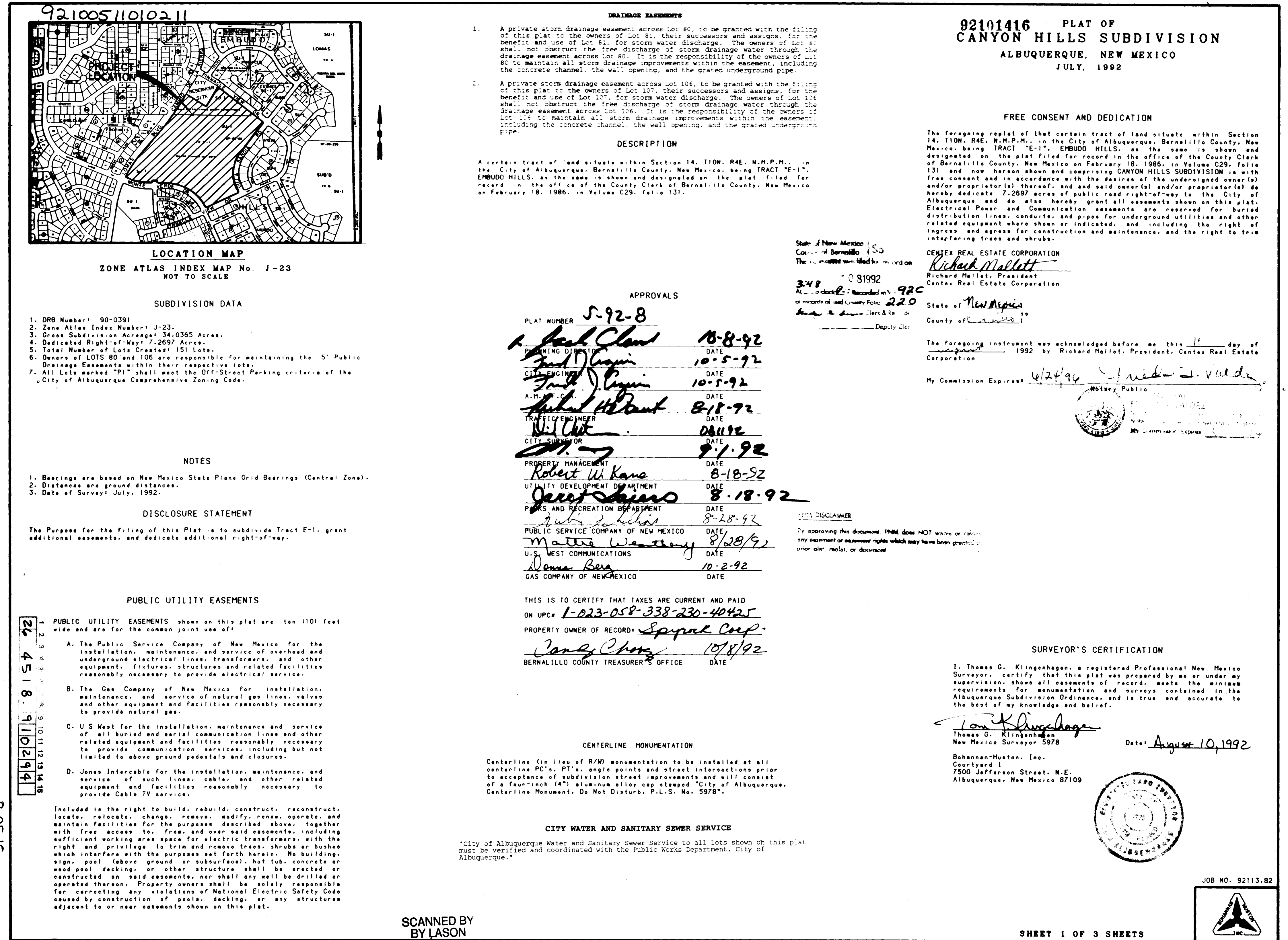
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REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
APPROVAL OF REVISIONS							

APPROVAL OF REVISIONS

	 BOHANNAN HUSTON INC. ALBUQUERQUE, NEW MEXICO ENGINEERS PLANNERS PHOTOGRAMMETRISTS	APPROVED FOR CONSTRUCTION <i>Ricardo E. Bly...</i> 7/2/93 C.E.
	PROJECT NUMBER 4518.91	SHEET 1 of 16

BHI JOB NO. 93164.01



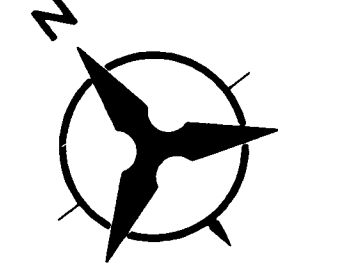
92101416 PLAT OF
CANYON HILLS SUBDIVISION
ALBUQUERQUE, NEW MEXICO
JULY, 1992

CURVE DATA

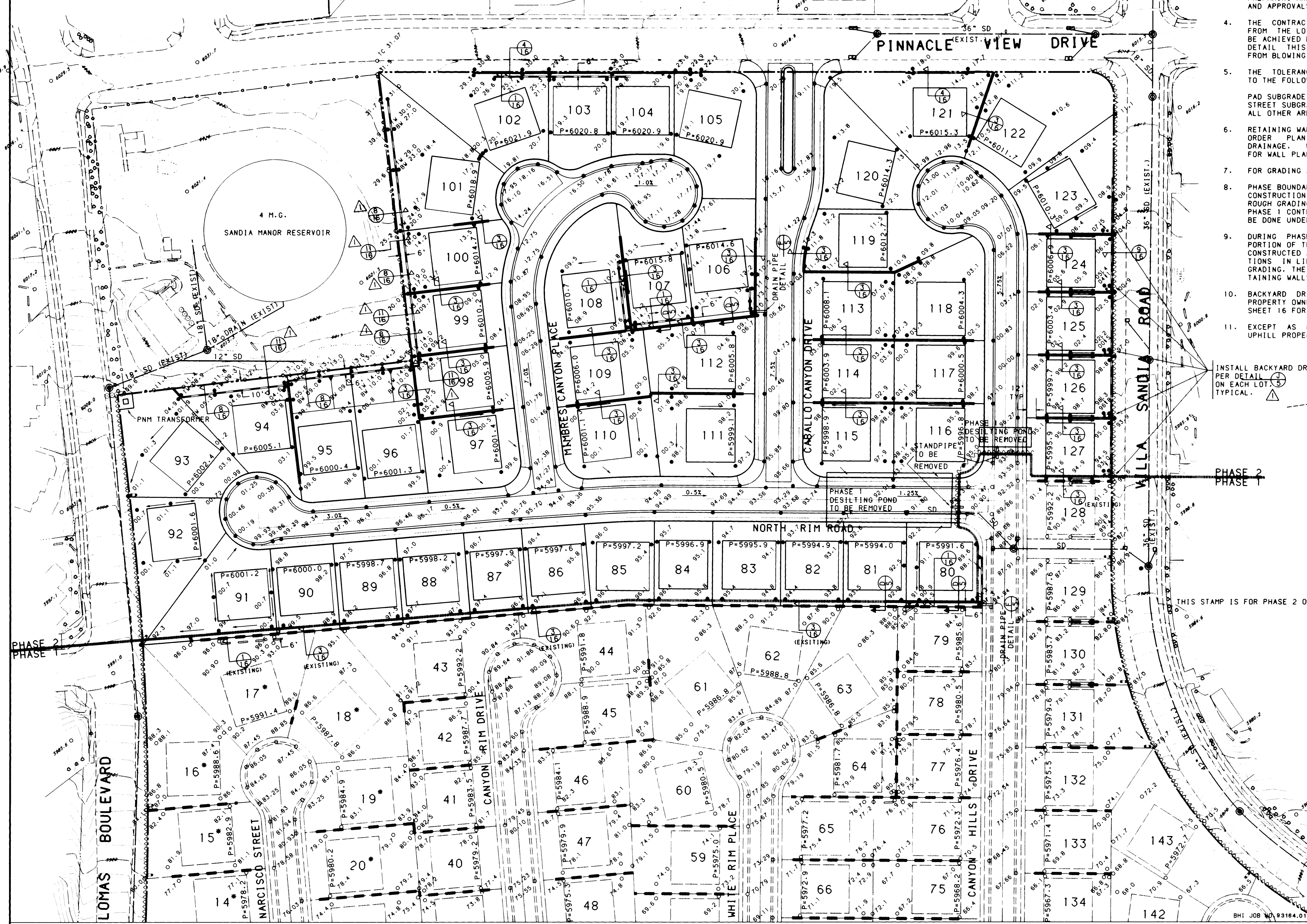
NUMBER	ARC	RADIUS	DELTA	CHORD	CHORD BEARING	TANGENT
C1	39.43	25.00	90°21'47"	35.42	S07°11'09"E	25.16
C2	456.09	410.00	62°53'52"	427.83	S06°32'48"W	250.75
C3	39.27	25.00	90°00'00"	35.36	S00°05'52"W	25.00
C4	37.85	25.00	88°44'23"	34.34	N71°31'57"W	23.62
C5	496.48	563.14	50°30'48"	480.56	N53°25'10"W	265.68
C6	127.43	683.68	10°40'44"	127.24	N84°00'56"W	63.90
C7	38.77	25.00	88°51'27"	35.00	N44°55'34"W	24.51
C8	39.27	25.00	90°00'00"	35.36	S44°30'09"W	25.00
C9	189.59	543.13	20°00'00"	188.63	N00°28'51"W	95.77
C10	42.33	25.00	97°00'38"	37.45	N21°59'32"W	28.26
C11	424.37	1559.44	15°35'30"	423.08	N34°18'33"E	213.50
C12	564.78	2801.52	11°08'10"	563.80	N36°31'45"E	283.29
C13	347.71	600.00	33°12'13"	342.86	N16°11'10"E	178.89
C14	187.55	500.00	21°29'30"	186.61	N52°15'05"E	94.89
C15	33.41	600.00	3°11'25"	33.40	N01°10'46"E	16.71
C16	242.52	600.00	23°09'32"	240.87	N14°21'14"E	122.94
C17	71.78	600.00	6°51'16"	71.74	N29°12'38"E	35.93
C18	89.64	296.83	17°18'12"	89.30	S24°10'12"W	45.17
C19	121.29	75.00	92°39'29"	108.50	S30°48'41"E	78.56
C20	327.44	675.14	27°52'14"	324.22	S63°12'20"E	167.03
C21	113.02	673.14	9°37'13"	112.89	S44°27'37"E	57.81
C22	98.51	75.00	75°13'06"	91.77	S77°03'08"E	57.81
C23	139.77	673.14	11°53'48"	139.52	S71°11'33"E	70.14
C24	187.57	673.14	15°58'26"	187.06	S57°15'26"E	94.45
C25	124.20	179.00	39°45'17"	121.72	N45°15'15"E	64.22
C26	160.04	1250.00	7°20'09"	159.93	N41°39'48"E	80.13
C27	94.04	75.00	71°50'15"	88.00	N02°05'07"E	54.33
C28	202.49	100.00	96°40'48"	179.31	N79°17'33"E	134.88
C29	101.84	120.00	48°37'28"	98.81	N55°15'52"E	54.21
C30	100.85	120.00	48°03'21"	97.72	S54°23'43"E	53.50
C31	80.21	100.00	51°02'33"	80.21	N54°31'33"E	45.13
C32	37.88	25.00	86°48'36"	34.36	N43°49'14"E	23.65
C33	19.06	25.00	43°41'27"	18.61	N49°50'52"E	10.02
C34	186.67	40.00	26°22'55"	57.85	N02°46'28"E	0.00
C35	19.06	25.00	43°41'27"	18.61	S65°22'49"E	10.02
C36	37.48	25.00	85°33'42"	34.36	N43°49'14"E	23.65
C37	147.94	625.00	13°33'42"	147.59	N13°42'07"E	74.32
C38	44.94	25.00	102°59'08"	39.13	N31°00'35"E	31.42
C39	151.40	625.00	1°25'02"	151.40	N31°00'35"E	31.42
C40	44.94	25.00	102°59'07"	39.13	N82°51'48"E	31.42
C41	15.46	625.00	1°25'02"	15.46	N10°56'34"E	10.02
C42	19.06	25.00	43°41'27"	18.61	N10°56'34"E	10.02
C43	186.67	40.00	26°22'54"	57.85	S77°12'44"E	0.00
C44	19.06	25.00	43°41'27"	18.61	N49°50'52"E	24.94
C45	39.27	25.00	90°00'00"	35.36	N12°12'43"E	25.00
C46	39.27	25.00	90°00'00"	35.36	S77°12'43"E	25.00
C47	170.00	25.00	243°30'10"	68.03	N51°27'38"E	0.00
C48	27.71	25.00	63°30'12"	26.31	S64°32'23"W	15.47
C49	82.71	273.83	17°18'22"	82.40	S24°47'17"W	41.67
C50	84.09	52.00	83°20'09"	80.54	S45°13'23"E	18.32
C51	94.72	686.14	7°47'44"	94.64	S73°14'35"E	47.43
C52	58.85	25.00	216°51'18"	58.85	N47°07'42"E	29.94
C53	145.07	52.00	15°55'23"	144.60	N30°02'02"E	73.01
C54	19.06	25.00	43°41'27"	18.61	N16°09'02"E	10.02
C55	186.67	40.00	26°22'55"	57.85	S59°50'28"E	0.00
C56	19.06	25.00	43°41'27"	18.61	S59°50'28"E	0.00
C57	136.87	478.00	16°24'20"	136.40	S29°47'34"E	68.90
C58	152.99	1048.00	83°20'09"	152.87	N10°08'13"E	22.30
C59	108.31	696.14	8°54'52"	108.20	S57°24'25"E	54.26
C60	31.34	25.00	216°51'18"	31.34	N54°31'33"E	45.13
C61	25.92	150.00	9°53'56"	25.88	N50°16'49"E	12.99
C62	157.10	1227.00	7°20'08"	156.99	N41°39'48"E	78.66
C63	39.27	25.00	90°00'00"	35.36	N07°47'17"E	25.00
C64	88.31	1002.00	5°02'59"	88.28	N54°31'43"W	44.18
C65	170.00	40.00	243°30'09"	68.03	N64°42'14"E	0.00
C66	27.71	25.00	63°30'12"	26.31	S64°32'23"W	15.47
C67	40.14	25.00	92°00'01"	35.97	N76°57'08"E	25.89
C68	64.31	142.00	25°26'58"	63.77	N43°55'38"E	32.72
C69	25.92	150.00	9°53'56"	25.88	N50°16'49"E	12.99
C70	114.59	40.00	184°04"00"	79.23	N79°34'36"E	287.06
C71	25.91	150.00	9°53'56"	25.88	N50°16'49"E	12.99
C72	62.90	142.00	25°22'53"	62.39	S85°03'29"E	31.98
C73	165.55	40.00	237°08'18"	70.26	S66°12'06"W	0.00
C74	35.37	25.00	90°00'00"	35.36	N07°47'17"E	25.00
C75	124.45	98.00	72°45'37"	116.26	N79°17'57"W	72.20
C76	38.12	25.00	87°21'38"	34.53	N12°14'31"E	23.87
C77	80.36	1048.00	83°20'09"	80.34	N10°08'13"E	22.30
C78	39.27	25.00	90°00'00"	35.36	N62°59'44"E	25.00
C79	39.27	25.00	90°00'00"	35.36	N07°47'17"E	25.00
C80	39.11	25.00	89°38'13"	35.24	S82°48'51"W	24.84
C81	55.08	150.00	21°02'22"	54.77	S48°30'55"W	27.85
C82	55.08	150.00	21°02'22"	54.77	N07°47'17"E	25.00
C83	39.27	25.00	90°00'00"	35.36	S07°00'16"E	25.00
C84	39.27	25.00	90°00'00"	35.36	N62°59'44"E	25.00
C85	43.22	25.00	90°00'00"	38.03	N11°31'47"W	29.30
C86	144.67	40.00	207°13'17"	77.75	N42°33'21"E	0.00
C87	121.62	97.00	71°50'15"	113.81	S02°05'07"W	70.27
C88	162.99	1275.00	83°20'09"	162.87	N10°08'13"E	81.60
C89	18.03	150.00	6°53'12"	18.02	S41°53'15"W	9.03
C90	36.44	40.00	83°35'18"	36.44	N54°31'33"E	45.13
C91	65.82	695.14	5°25'29"	65.79	S42°21'44"E	32.93
C92	69.61	53.00	75°15'09"	64.71	S77°16'34"E	40.85
C93	39.27	25.00	90°00'00"	35.36	N07°47'17"E	25.00
C94	32.98	25.00	75°35'03"	30.64	N01°34'06"E	19.39
C95	162.36	40.00	232°34'01"	71.73	N69°03'35"E	0.00
C96	139.46	201.00	39°45'17"	136.68	S45°13'23"E	72.67
C97	127.40	97.00	75°15'06"	118.44	N77°16'33"W	74.77
C98	50.80	65.14	42°28'12"	50.79	N63°53'06"E	22.72
C99	39.51	25.00	89°32'55"	35.52	N89°23'40"W	25.24
C100	39.02	40.00	89°24'57"	35.17	S00°37'24"W	24.75
C101	563.14	563.14	90°00'00"	563.14	N07°47'17"E	25.00
C102	55.77	563.14	5°40'26"	54.74	N53°00'31"W	27.91
C103	34.39	25.00	78°49'23"	31.74	N84°44'34"E	20.54
C104	25.43	85.00	100°30'27"	25.43	N04°55'21"W	30.06
C105	249.24	650.14	21°57'52"	247.71	N68°09'31"E	126.17
C106	158.49	98.00	92°39'31"	141.77	S07°48'42"W	74.77
C107	36.59	319.83	17°18'12"	36.22	N24°10'12"W	48.66
C108	39.27	25.00	90°00'00"	35.36	N12°12'43"E	25.00
C109	39.27	25.00	90°00'00"	35.36	N07°47'17"E	25.00
C110	333.22	575.00	33°12'13"	328.58	S16°11'10"W	171.43
C111	9.71	40.00	13°54'52"	9.69	S56°02'28"W	4.88
C112	39.27	25.00	90°00'00"	35.36	N07°47'17"E	25.00
C113	36.64	40.00	52°28'38"	35.37	N04°52'47"W	19.72
C114	54.19	40.00	77°37'12"	50.14	N60°10'07"E	32.17
C115	26.17	40.00	37°29'12"	25.71	S62°16'41"E	13.57
C116	68.34	625.00	6°15'54"	68.31	N10°03'13"E	34.21
C117	79.59	625.00	7°17'46"	79.54	N16°50'04"E	39.85
C118	32.82	40.00	47°00'49"	31.91	N58°59'45"W	17.40
C119	39.25	40.00	56°13'26"	37.70	N07°22'37"E	21.37
C120	45.44	40.00	243°42'06"	45.04	S63°16'57"E	25.53
C121	33.88	40.00	48°31'33"	32.87	S69°54'24"E	19.12
C122	4.23	40.00	6°03'47"	4.23	N07°52'17"E	2.12
C123	52.64	40.00	75°24'59"	48.93	S32°51'50"E	30.92
C124	48.70	40.00	69°45'42"	45.75	S74°33'05"E	27.78
C125	41.32	40.00	54°51'31"	39.51	S10°04'28"E	22.72
C126	39.76	40.00	56°37'25"	38.15	S48°00'01"W	21.80
C127	63.85	40.00	91°27'23"	57.28	N78°30'58"E	41.03
C128	73.10	28.00	243°42'06"	73.10	S63°16'57"E	51.85
C129	33.05	40.00	47°20'41"	32.12	S72°37'06"W	17.54
C130	35.99	273.83	7°31'50"	35.96	S29°03'33"W	18.02

TANGENT DATA

NUMBER	BEARING	DISTANCE
T1	S24°54'08"E	62.60
T2	N69°21'18"W	79.45
T3	S89°30'09"W	50.00
T4	S89°30'09"W	55.00
T5	N70°28'51"W	78.77
T6	N30°57'08"E	97.49
T7	S64°08'00"E	87.62
T8	S32°57'09"E	18.00
T9	N64°39'24"W	18.00
T10	S56°10'00"W	18.00
T11	S57°12'44"E	18.00
T12	S52°22'03"E	25.00
T13	S37°37'57"W	18.00
T14	S89°30'09"W	25.00
T15	S87°13'32"E	29.47
T16	N32°47'17"E	29.60
T17	S32°47'17"E	15.92
T18	S32°47'17"E	16.13
T19	S32°47'17"E	17.96
T20	S32°47'17"E	5.94
T21	S32°47'17"E	24.41
T22	S32°47'17"E	29.11
T23	S37°59'44"E	1.98
T24	S37°59'44"E	4.08
T25	S37°59'44"E	5.53
T26	N56°15'35"E	10.59
T27	S37°59'44"E	70.81
T28	S37°59'44"E	18.44
T29	S37°59'44"E	65.11
T30	S59°02'52"E	85.00
T31	S59°02'52"E	85.00
T32	S59°02'52"E	85.00
T33	S59°02'52"E	85.00
T34	S59°02'52"E	85.00
T35	S59°02'52"E	85.00
T36	S59°02'52"E	85.00
T37	S59°02'52"E	85.00
T38	S59°02'52"E	85.00
T39	S59°02'52"E	85.00
T40	S59°02'52"E	85.00
T41	S59°02'52"E	85.00
T42	S59°02'52"E	85.00
T43	S59°02'52"E	85.00
T44	S59°02'52"E	85.00
T45	S59°02'52"E	85.00
T46	S59°02'52"E	85.00
T47	S59°02'52"E	85.00
T48	S59°02'52"E	85.00
T49	S59°02'52"E	85.00
T50	S59°02'52"E	85.00
T51	S59°02'52"E	85.00
T52	S59°02'52"E	85.00

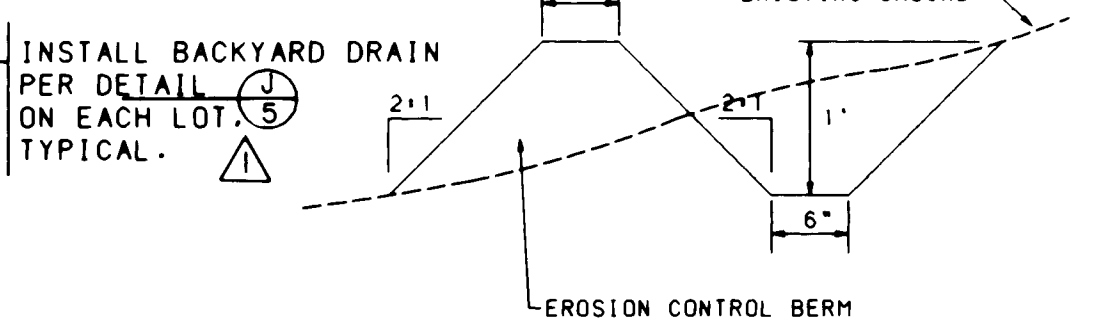


SCALE: 1" = 50'



GENERAL NOTES

1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATIONS AS NOTED IN THE SOILS REPORT SUPPLIED BY CENTEX HOMES.
3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DETAIL THIS SHEET AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
5. THE TOLERANCES FOR ROUGH GRADING SHALL CONFORM TO THE FOLLOWING:
PAD SUBGRADE: +/- 0.2'
STREET SUBGRADE: +/- 0.2'
ALL OTHER AREAS: +/- 0.5'
6. RETAINING WALLS TO BE CONSTRUCTED UNDER THESE WORK ORDER PLAN IMPROVEMENTS WITH FINAL GRADING, DRAINAGE, UTILITY AND STREET CONSTRUCTION. FOR WALL PLAN AND DETAILS, SEE SHEET 16.
7. FOR GRADING AND DRAINAGE DETAILS, SEE SHEET 5.
8. PHASE BOUNDARIES ARE FOR STREET PAVING AND UTILITY CONSTRUCTION ONLY. FINE GRADING FOR PHASE 1 AND ROUGH GRADING FOR PHASE 2 SHALL BE DONE UNDER PHASE 1 CONTRACT. FINAL GRADING OF PHASE 2 SHALL BE DONE UNDER PHASE 2 CONTRACT.
9. DURING PHASE 1 ROUGH GRADING OF THE PHASE 2 PORTION OF THE SITE, TEMPORARY 3:1 SLOPES SHALL BE CONSTRUCTED AT FUTURE PHASE 2 RETAINING WALL LOCATIONS IN LIEU OF THE WALLS. DURING PHASE 2 FINAL GRADING, THE 3:1 SLOPES SHALL BE REPLACED BY RETAINING WALLS PER THIS PLAN.
10. BACKYARD DRAIN TO BE PROVIDED AS DESIGNATED. PROPERTY OWNER TO MAINTAIN BACKYARD DRAIN. SEE SHEET 16 FOR DRAIN DETAIL.
11. EXCEPT AS NOTED, HOUSES SHALL BE LOCATED 5' FROM UPHILL PROPERTY LINE.



EROSION CONTROL BERM

NO SCALE
A BERM WITH THE DIMENSIONS SHOWN SHALL BE MAINTAINED DURING CONSTRUCTION UNTIL COMPLETION OF INDIVIDUAL HOMES WITHIN THE PROJECT. BERM SHALL BE LOCATED AS SHOWN ON THIS PLAN AND ON TYPICAL LOT DETAIL, SHEET 5.

LEGEND

- PROJECT BOUNDARY
- EXISTING CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- DIRECTION OF FLOW
- PHASE BOUNDARY
- EXISTING RETAINING WALL
- PROPOSED RETAINING WALL
- EXISTING STORM DRAIN LINE
- EXISTING STORM DRAIN MANHOLE
- EXISTING STORM DRAIN INLET
- PROPOSED STORM DRAIN LINE
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- PROPOSED EROSION CONTROL BERM
- PROPOSED BACKYARD DRAIN

LOT WITH 55'x55' PAD
26 4518 910494



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: CANYON HILLS SUBDIVISION, PHASE 2
DRAINAGE AND GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	6-29-93	WATER	N/A RWK	5-11-93
TRANS. DEV.	N/A LHO	5-26-93	WASTE WATER	N/A RWK	5-11-93
HYDROLOGY	CAM	5-11-93			

PROJECT NO.	4518.91	MAP NO.	J-23	SHEET	4	OF	16
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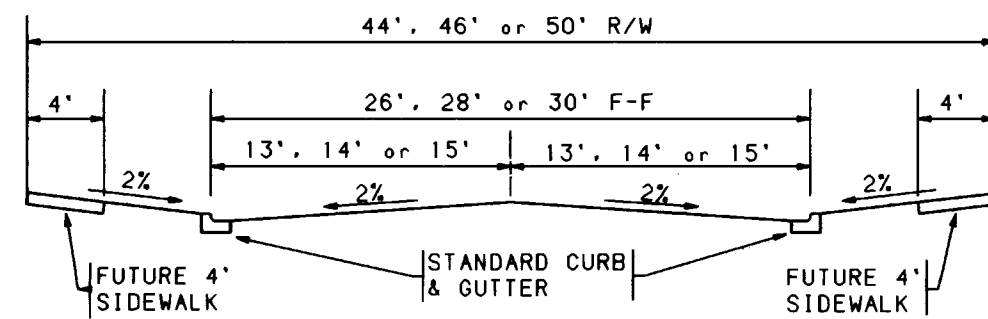
SCANNED BY
BY LASON

AS BUILT INFORMATION			
CONTRACTOR	J.A. Hale	DATE	6-2-93
INSPECTOR	J.R. Hale	DATE	6-2-93
INSPECTOR	B.L. Romero	DATE	6-2-93
FIELD ENGINEER	B.L. Romero	DATE	6-2-93
REVISIONS	DATE	BY	
MICRO-FILM INFORMATION			
RECORDED BY		DATE	
NO.			

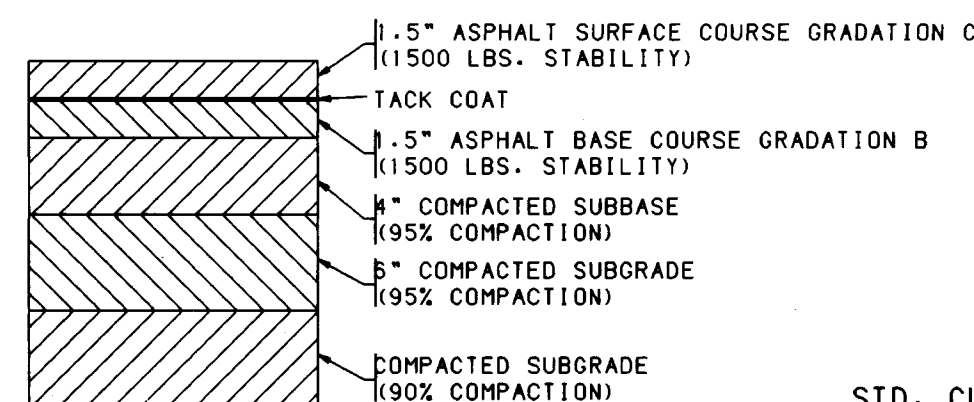
SURVEY INFORMATION			
FIELD NOTES	DATE	BY	
NO.			

ENGINEER'S SEAL			
<i>[Signature]</i>			
4-29-93			

DESIGNED BY	RLB	DATE	7/92
DRAWN BY	NP, SAR	DATE	7/92
CHECKED BY	RLB	DATE	7/92



TYPICAL STREET SECTION A-A
NO SCALE



TYPICAL PAVEMENT SECTION
NO SCALE

STA. 8+17.49 SOUTH RIM RD.=
STA. 1+00.00 BANDELIER ST.

STA. 6+61.70 NARCISCO ST.=
STA. 3+41.01 BANDELIER ST.

STA. 2+08.36 NARCISCO ST.=
STA. 1+00.00 NARCISCO CT.

STA. 2+87.67 SOUTH RIM RD.=
STA. 1+00.00 WHITE RIM PL.

STA. 2+10.42 CANYON HILLS DR.=
STA. 1+00.00 SOUTH RIM RD.=
STA. 1+00.00 WHITE ROCK PL.

STA. 5+72.35 NORTH RIM RD.=
STA. 1+00.00 MIMBRES CANYON PL.

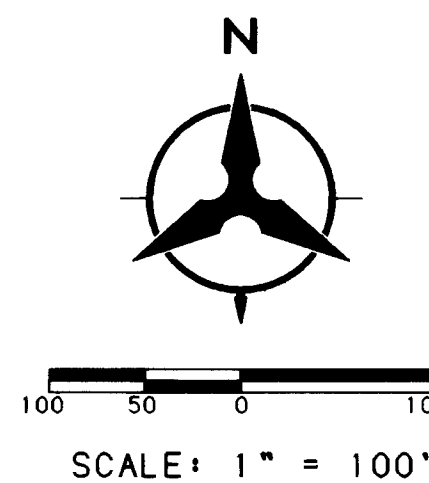
STA. 3+34.00 NORTH RIM RD.=
STA. 1+00.00 CABALLO CANYON DR.

STD. CURB & GUTTER
AS PER STD. DWG. 2415 AND
FUTURE 4' SIDEWALK (TYP.)

STA. 9+54.58 CANYON HILLS DR.=
STA. 1+00.00 NORTH RIM RD.

STD. CURB & GUTTER
AS PER STD. DWG. 2415
(TYP.)

STD. CURB & GUTTER
AS PER STD. DWG. 2415 AND
FUTURE 4' SIDEWALK (TYP.)



LEGEND

- PROJECT BOUNDARY
- PHASE 1 CURB & GUTTER
- PHASE 2 CURB & GUTTER
- EXISTING CURB & GUTTER
- FUTURE SIDEWALK
- PROPOSED SANITARY SEWER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED FIRE HYDRANT
- EXISTING FIRE HYDRANT
- PROPOSED GATE VALVE
- EXISTING GATE VALVE
- PROPOSED STORM DRAIN LINE
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- EXISTING STORM DRAIN LINE
- EXISTING STORM DRAIN MANHOLE
- EXISTING STORM DRAIN INLET
- CROWN FLATTENING
- PROPOSED CONDUIT PIPE
- EXISTING CONDUIT PIPE
- PHASE 1 STREET LIGHT
- EXISTING STREET LIGHT
- PHASE 2 STREET LIGHT
- PHASE BOUNDARY

- NOTES**
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 - ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 - ALL CURVE 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"x4"x5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
 - CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 - 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 CONTRACTORS EXPENSE.
 - REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
 - WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
 - THE FOLLOWING PERSONS SHALL BE NOTIFIED AT LEAST TWO BUSINESS DAYS PRIOR TO INSTALLING UTILITY CONDUIT CROSSINGS:
- | COMPANY | PHONE | CONTACT |
|---------|----------|---------------|
| PNM | 848-3374 | TOM BACA |
| US WEST | 245-6374 | ELFEBO GARCIA |
| GAS CO. | 761-7770 | LEO APODACA |
| JONES | 761-6200 | YVETTE SUAZO |

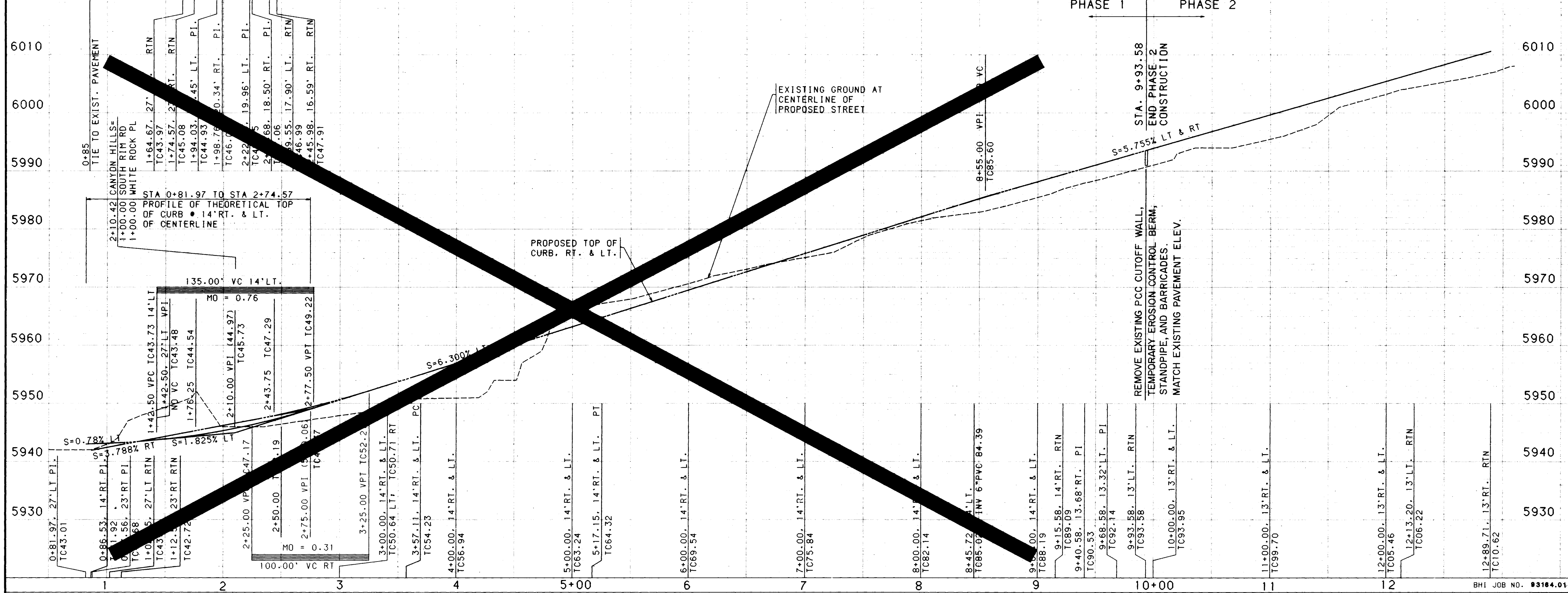
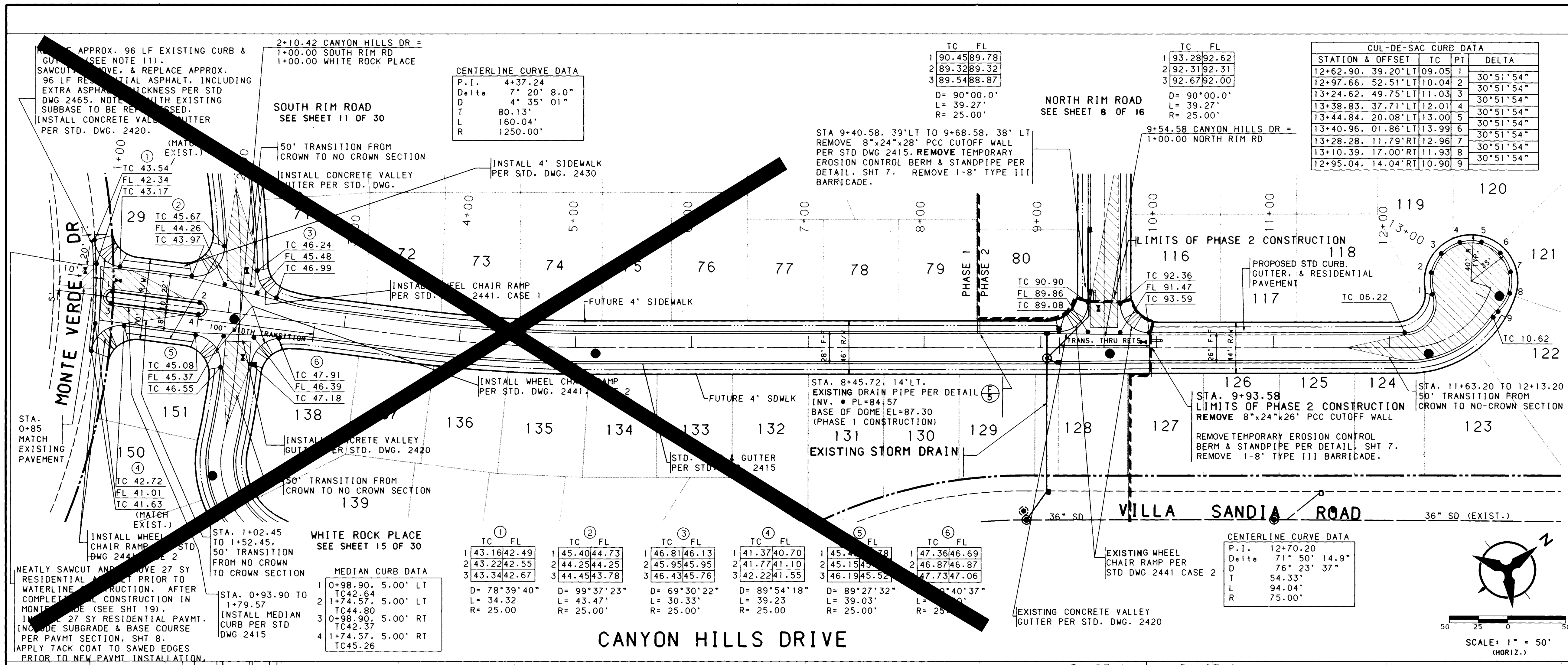
PERIMETER SIDEWALKS AND LANDSCAPING IMPROVEMENTS WILL BE SPECIFIED BY A SEPARATE PLAN SET AND CONSTRUCTED UNDER A SEPARATE CONTRACT.



THIS STAMP IS FOR PHASE 2 ONLY

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: CANYON HILLS SUBDIVISION, PHASE 2 OVERALL PAVING PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	6-7-93	WATER	N/A R.W.K.	5-11-93
TRANS. DEV.	<i>[Signature]</i>	5-11-93	WASTE WATER	N/A R.W.K.	5-11-93
HYDROLOGY	C.A.M.	5-11-93			
DESIGNED BY RLB.JPK DATE 7/92			DRAWN BY NM.SAR DATE 7/92		
CHECKED BY RLB DATE 7/92					
PROJECT NO. 4518.91		MAP NO. J-23		SHEET 6 OF 16	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
20 4518.91 10694



NOTES

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CUL-DE-SAC CURB DATA

STATION & OFFSET	TC	PT	DELTA
12+62.90, 39.20' LT	09.05	1	30°51'54"
12+97.66, 52.51' LT	10.04	2	30°51'54"
13+24.62, 49.75' LT	11.03	3	30°51'54"
13+38.83, 37.71' LT	12.01	4	30°51'54"
13+44.84, 20.08' LT	13.00	5	30°51'54"
13+40.96, 01.86' LT	13.99	6	30°51'54"
13+28.28, 11.79' RT	12.96	7	30°51'54"
13+10.39, 17.00' RT	11.93	8	30°51'54"
12+95.04, 14.04' RT	10.90	9	30°51'54"

CENTERLINE CURVE DATA

P.I. 12+70.20
Delta 71° 50' 14.9"
D 76' 23' 37"
T 54.33'
L 94.04'
R 75.00'

AS BUILT INFORMATION

CONTRACTOR J.S. JUNE
INSPECTED BY J.H. ELY
ACCEPTANCE BY L. REMERZ
DATE 9-12-99
DATE 2-12-99
DATE 4-12-99
DATE 6-12-99
DATE 8-12-99
DATE 10-12-99
DATE 12-12-99

FIELD NOTES

NO. 1
DATE 3/24/99
BY [Signature]

ENGINEERS SEAL

REVISIONS

NO.	DATE	REMARKS
1	3/24/99	MODIFIED PLANS FOR PHASE 2

DESIGNED BY RLB
DRAWN BY NM, SAR
CHECKED BY RLB

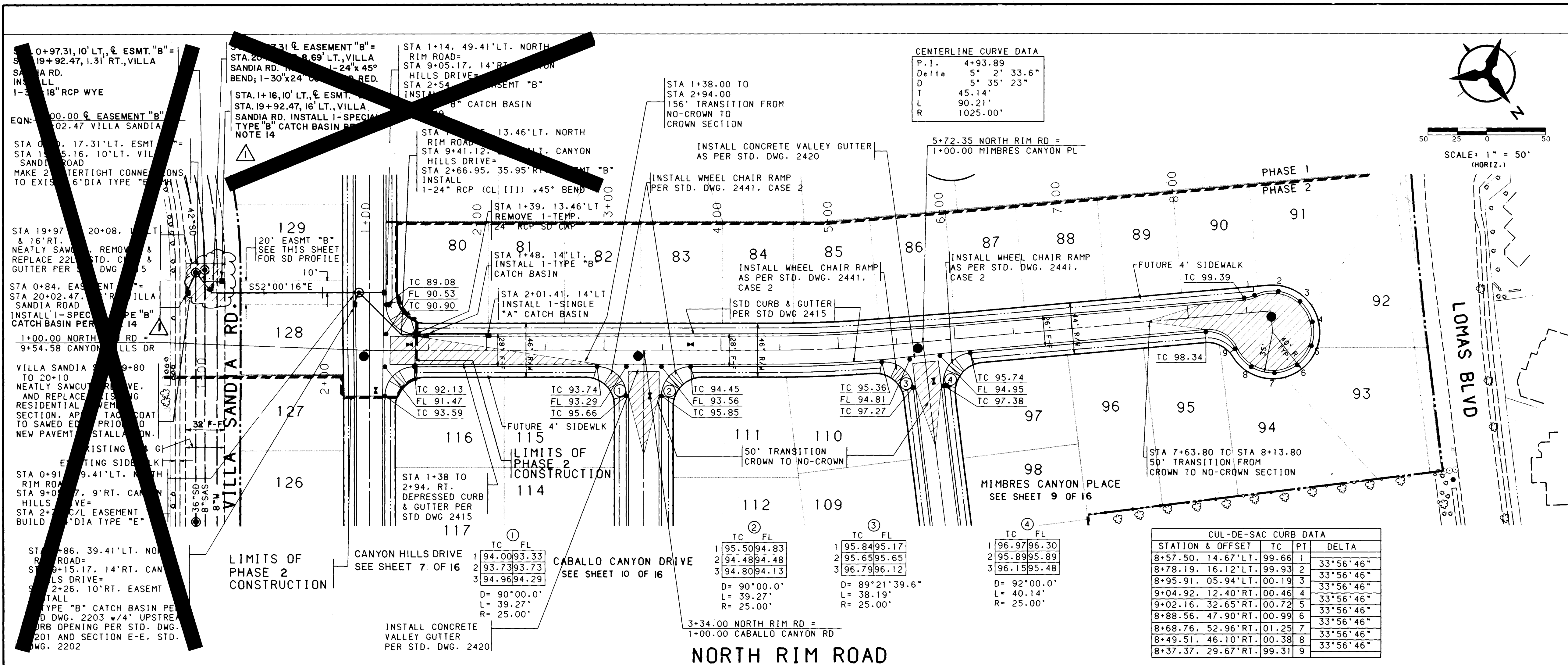
DATE 7/92
DATE 7/92
DATE 7/92

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

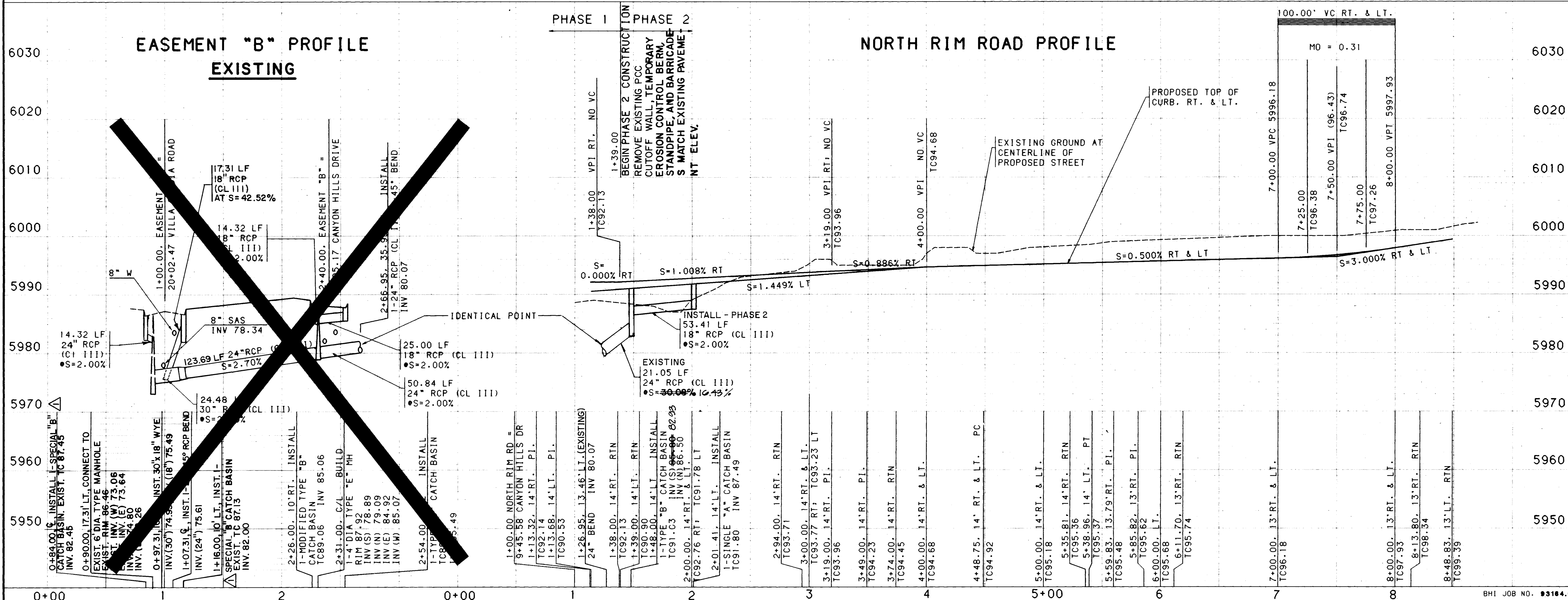
TITLE: CANYON HILLS SUBDIVISION, PHASE 2
PAVING PLAN & PROFILE
CANYON HILLS DRIVE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Randy Chen	9-9-99	WATER	N/A RWK	8-27-99
TRANS. DEV.	Tommy	8-8-99	WASTE WATER	N/A RWK	8-27-99
HYDROLOGY	CAM	7-8-99			

PROJECT NO. **4518.91** MAP NO. J-23 SHEET 7 OF 16



- NOTES**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
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 12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
 13. ALL STORM INLET GRATES SHALL BE THE ALTERNATE GRATE PER STD. DWG. 2221.



ENGINEERS SEAL

THIS STAMP IS FOR PHASE 2 ONLY

3/24/93 MODIFIED PLANS FOR PHASE 2

9/28/92 ADD TYPE 'B' INLETS (CHANGE ORDER 1)

NO. DATE

DESIGNED BY RLB DATE 7/92

DRAWN BY N.M.SAR DATE 7/92

CHECKED BY RLB DATE 7/92

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

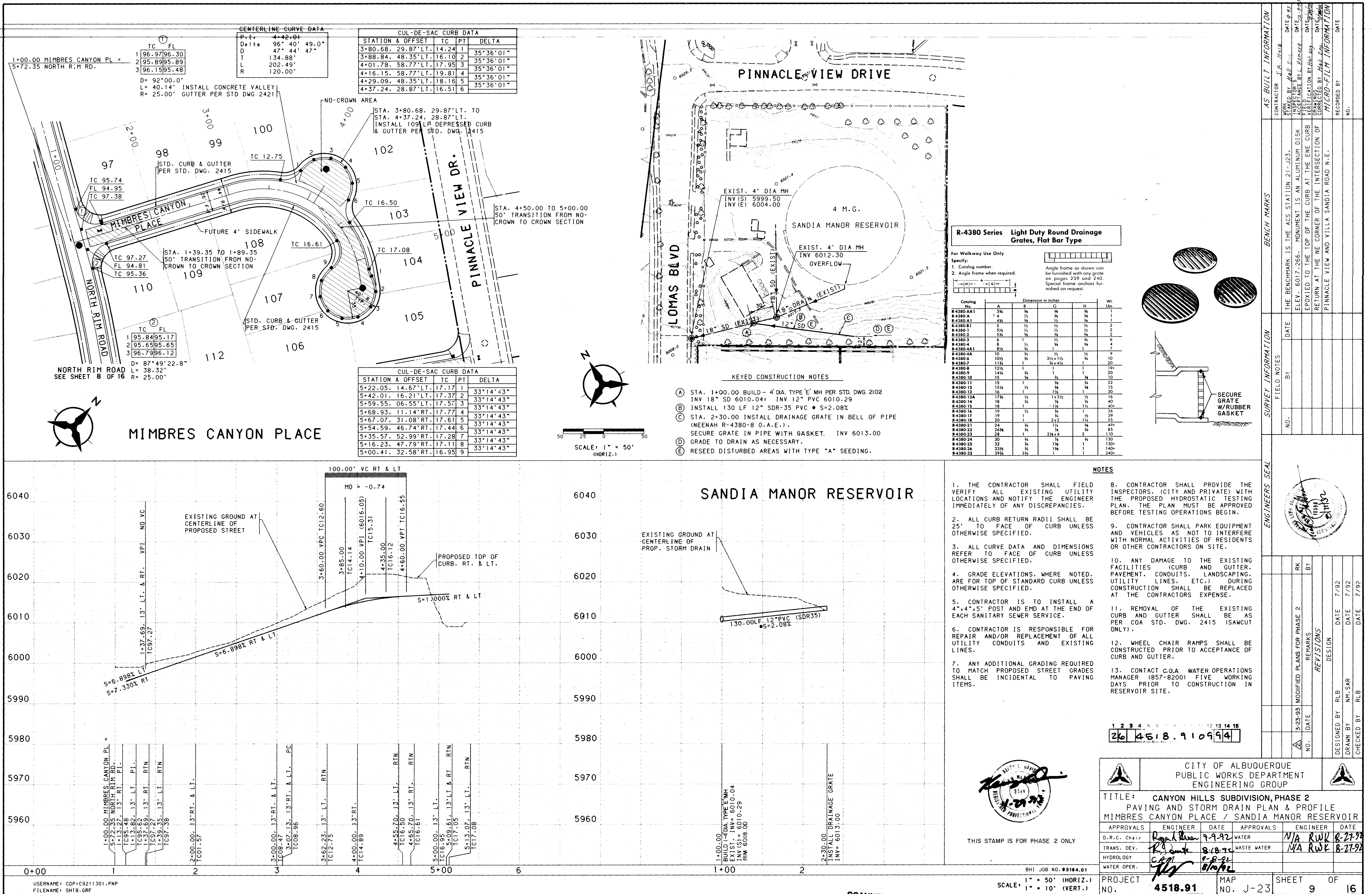
TITLE: CANYON HILLS SUBDIVISION, PHASE 2
PAVING AND STORM DRAIN PLAN & PROFILE
NORTH RIM ROAD

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Rogelio	9-9-92	WATER	N/A RWK	8-27-92
TRANS. DEV.	Rogelio	8-18-92	WASTE WATER	N/A RWK	8-27-92
HYDROLOGY	C.M.	9-8-92			

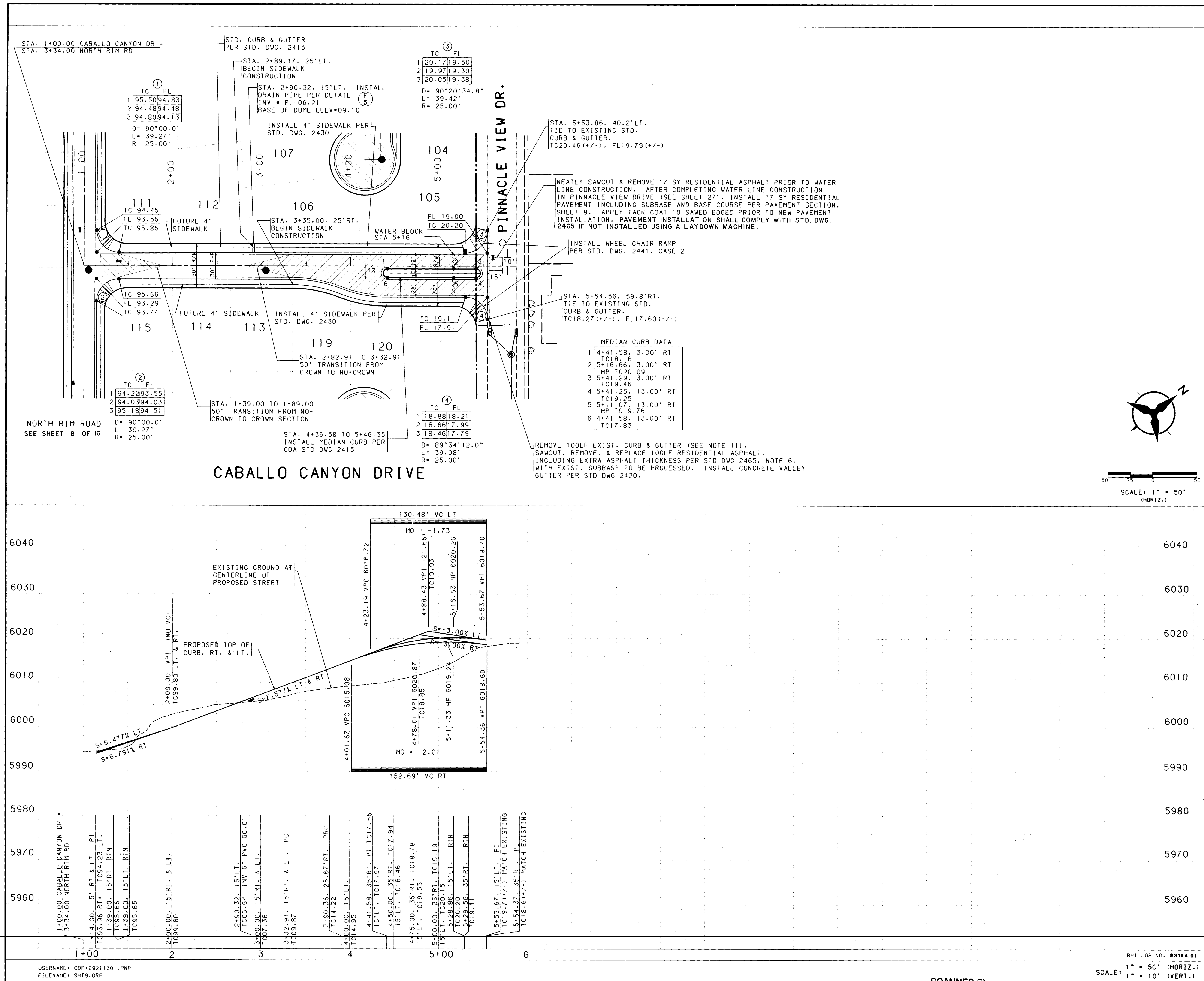
PROJECT NO. 4518.91

MAP NO. J-23

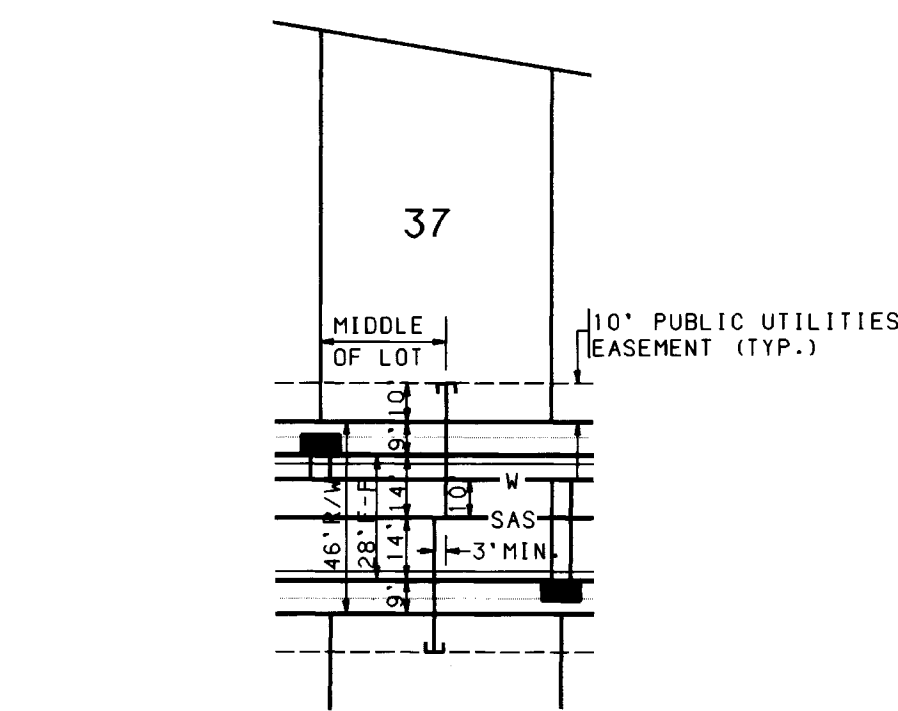
SHEET 8 OF 16



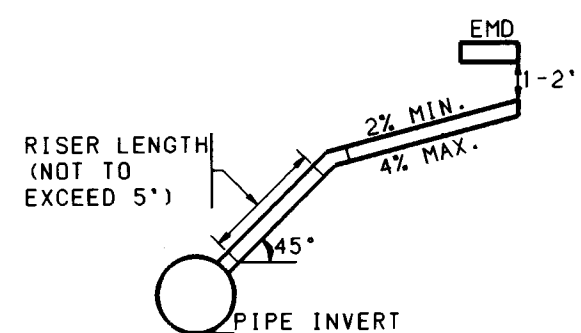
SCANNED BY
BY LASON



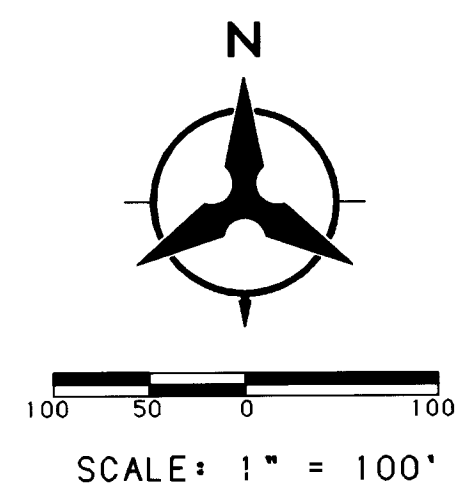
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AS BUILT INFORMATION			
CONTRACTOR: <i>[Signature]</i> DATE: 7/92			
WORK: <i>[Signature]</i> DATE: 7/92			
DESIGNED BY: <i>[Signature]</i> DATE: 7/92			
DRAWN BY: <i>[Signature]</i> DATE: 7/92			
CHECKED BY: <i>[Signature]</i> DATE: 7/92			
BENCH MARKS			
THE BENCHMARK IS THE ACS STATION 21-J23, ELEV. 6017.286. MONUMENT IS AN ALUMINUM DISK EXPOSED TO THE TOP OF THE CURB AT THE ENE CURB RETURN AT THE NE CORNER OF THE INTERSECTION OF PINNACLE VIEW AND VILLA SANDIA ROAD N.E.			
SURVEY INFORMATION			
FIELD NOTES: <i>[Signature]</i> DATE: 7/92			
NO. BY DATE			
1. 18.88 18.21			
2. 18.66 17.99			
3. 18.46 17.79			
4. 18.88 18.21			
5. 18.66 17.99			
6. 18.46 17.79			
ENGINEERS SEAL			
<i>[Seal]</i>			
THIS STAMP IS FOR PHASE 2 ONLY			
26 4518.911094			
CITY OF ALBUQUERQUE			
PUBLIC WORKS DEPARTMENT			
ENGINEERING GROUP			
TITLE: CANYON HILLS SUBDIVISION, PHASE 2			
PAVING PLAN & PROFILE			
CABALLO CANYON DRIVE			
APPROVALS			
ENGINEER: <i>[Signature]</i> DATE: 7/92			
DATE: 7/92			
WATER: <i>[Signature]</i> DATE: 7/92			
WASTE WATER: <i>[Signature]</i> DATE: 7/92			
HYDROLOGY: <i>[Signature]</i> DATE: 7/92			
PROJECT NO. 4518.91			
MAP NO. J-23			
SHEET 10 OF 16			



TYPICAL UTILITY SERVICE LOCATION



SERVICE RISER DETAIL
(SERVICE CONNECTION & INSTALLATION TO CONFORM TO COA STD. DWG. 2134. USE C1 SOIL PIPE ONLY)



SCALE: 1" = 100'

LEGEND	
PROJECT BOUNDARY	---
PHASE 1 CURB & GUTTER	=====
PHASE 2 CURB & GUTTER	=====
EXISTING CURB & GUTTER	-----
FUTURE SIDEWALK	-----
PROPOSED SANITARY SEWER MANHOLE	●
EXISTING SANITARY SEWER MANHOLE	○
PROPOSED FIRE HYDRANT	●
EXISTING FIRE HYDRANT	○
PROPOSED GATE VALVE	+
EXISTING GATE VALVE	+
EXISTING STORM DRAIN MANHOLE	⊙
PROPOSED SANITARY SEWER LINE	— SAS —
EXISTING SANITARY SEWER LINE	— SAS —
PROPOSED SANITARY SEWER SERVICE	—
PROPOSED WATER LINE	— W —
EXISTING WATER LINE	— W —
PROPOSED WATER METER SERVICE	—
PROPOSED STORM DRAIN LINE	— SD —
EXISTING STORM DRAIN LINE	— SD —
PHASE BOUNDARY	---

NOTES

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13. THE FOLLOWING PERSONS SHALL BE NOTIFIED AT LEAST TWO BUSINESS DAYS PRIOR TO INSTALLING UTILITY CONDUIT CROSSINGS:

COMPANY	PHONE	CONTACT
PNM	848-3374	TOM BACA
US WEST	245-6374	ELFEGO GARCIA
GAS CO.	761-7770	LEO APDACA
JONES	761-6200	YVETTE SUAZO

WATER SHUT-OFF REQUIREMENTS:

CONTRACTOR WILL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH THE COMPLETION OF THIS PROJECT.

AT LEAST THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT PWD/WATER SYSTEMS DIVISION (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN.

UTILITY LINES, ETC.) DURING

WATER SHUT-OFF PLAN:

	CLOSE VALVES
A. MONTE VERDE	1011, 1012
B. PINNACLE VIEW	922, 520C
NON-PRESSURE CONNECTION AND NEW VALVE (4BB)	571, 512B
	517B

26 4518.911114

AS BUILT INFORMATION

CONTRACTOR: J.R. Hale
DRAWN BY: J.R. Hale
CHECKED BY: J.R. Hale
DATE: 4-29-93

BENCH MARKS

THE BENCHMARK IS THE ACS STATION 21-J23. ELEV. 6017.266. MONUMENT IS AN ALUMINUM DISK EXPOSED TO THE TOP OF THE CURB AT THE END OF RETURN AT THE NE CORNER OF THE INTERSECTION OF PINNACLE VIEW AND VILLA SANDIA ROAD N.E.

SURVEY INFORMATION

FIELD NOTES

NO. BY DATE

ENGINEERS SEAL

REVISIONS

NO.	DATE	REMARKS	DESIGNED	DATE	DRAWN	DATE	CHECKED	DATE
1	7/92	MODIFIED PLANS FOR PHASE 2	RLB	7/92	ML	7/92	RLB	7/92

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: CANYON HILLS SUBDIVISION
OVERALL UTILITY PLAN

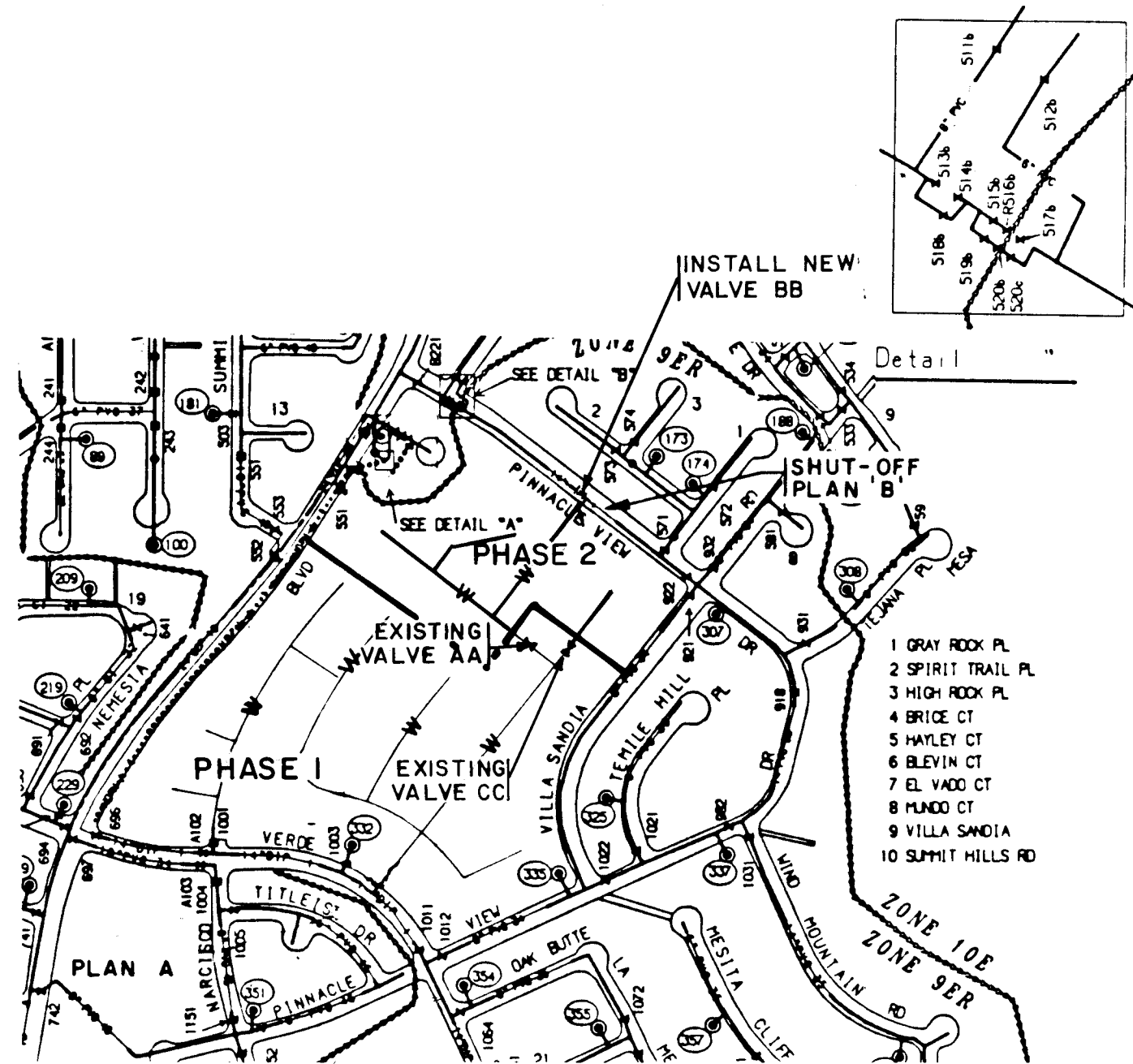
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	R.W. Kane	6-7-93	WATER	R.W. Kane	5-16-93
TRANS. DEV.	R.W. Kane	5-26-93	WASTE WATER	R.W. Kane	5-11-93
HYDROLOGY	L. Am	5-11-93			

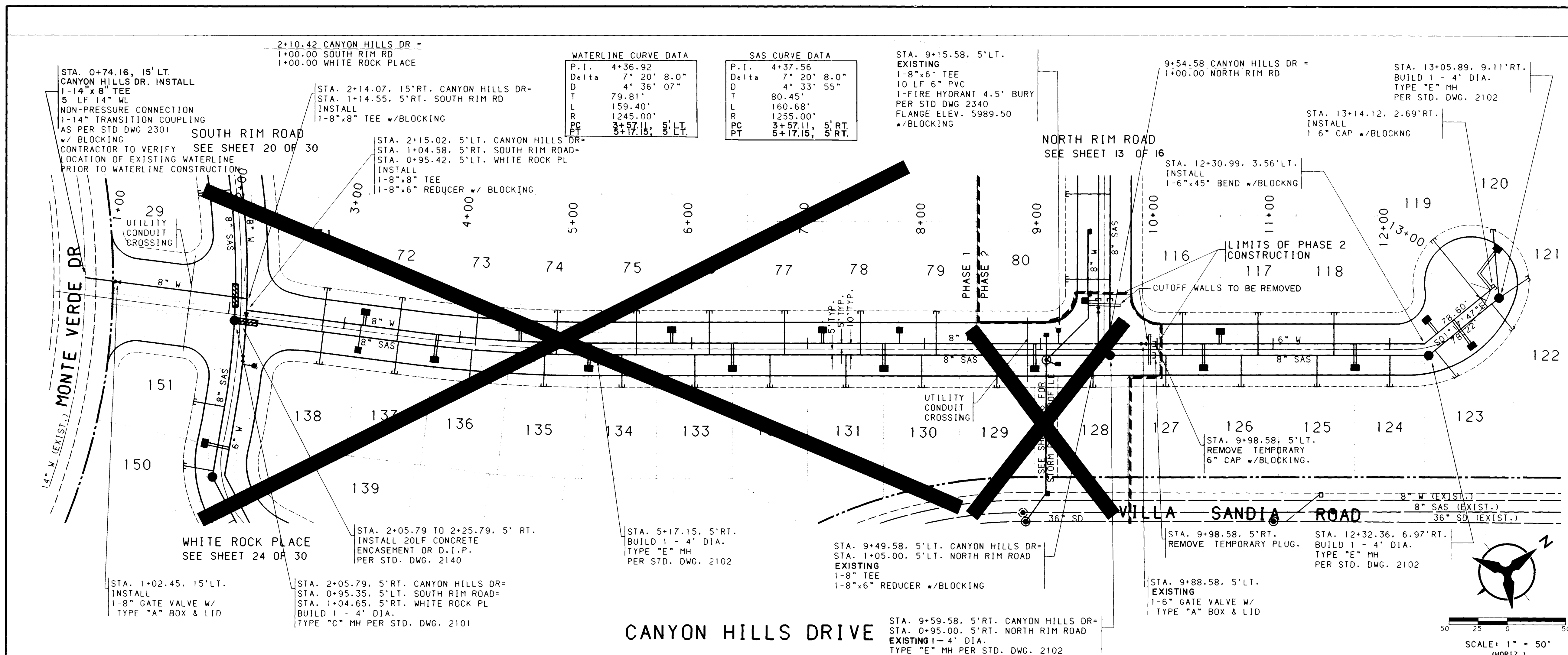
PROJECT NO. 4518.91

MAP NO. J-23

SHEET 11

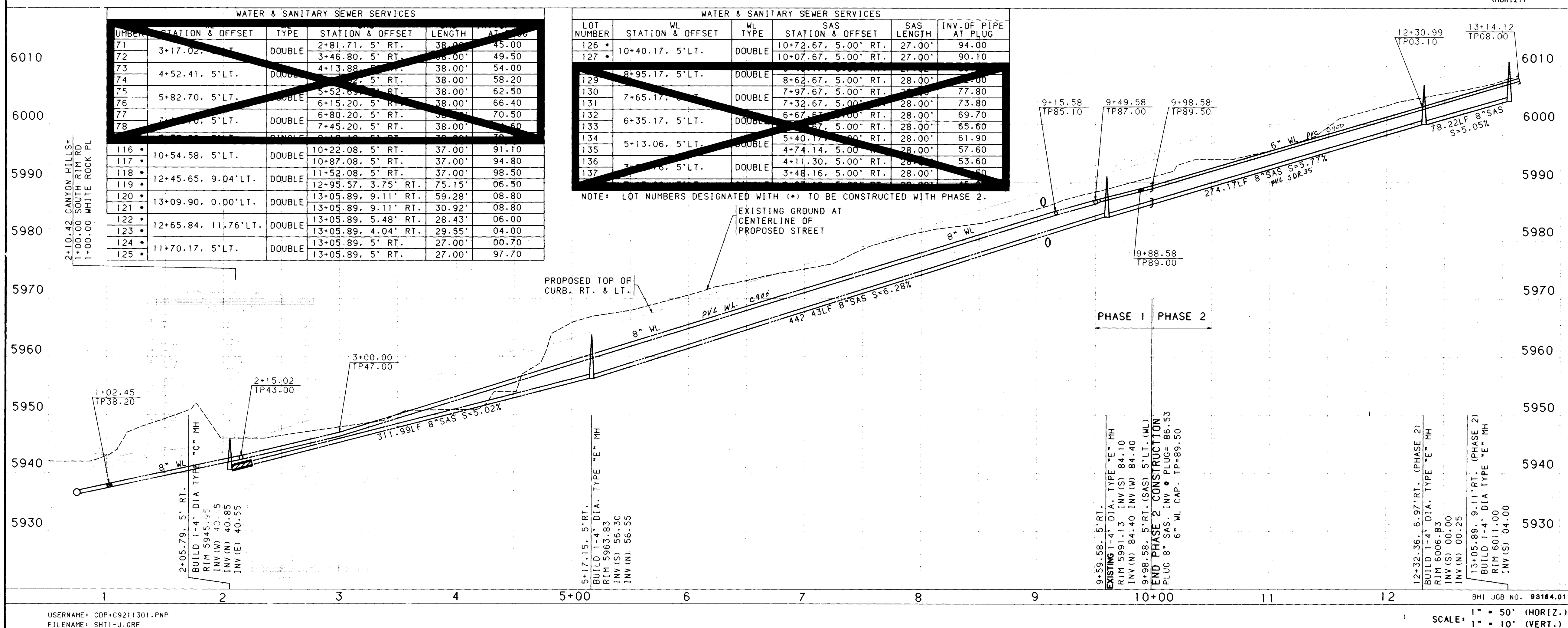
16





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 - THE FOLLOWING PERSONS SHALL BE NOTIFIED AT LEAST TWO BUSINESS DAYS PRIOR TO INSTALLING UTILITY CONDUIT CROSSINGS:

COMPANY	PHONE	CONTACT
PNM	848-3374	TOM BACA
US WEST	245-6374	ELFEBO GARCIA
GAS CO.	761-7770	LEO APDACA
JONES	761-6200	YVETTE SUAZO



ENGINEERS SEAL

THIS STAMP IS FOR PHASE 2 ONLY

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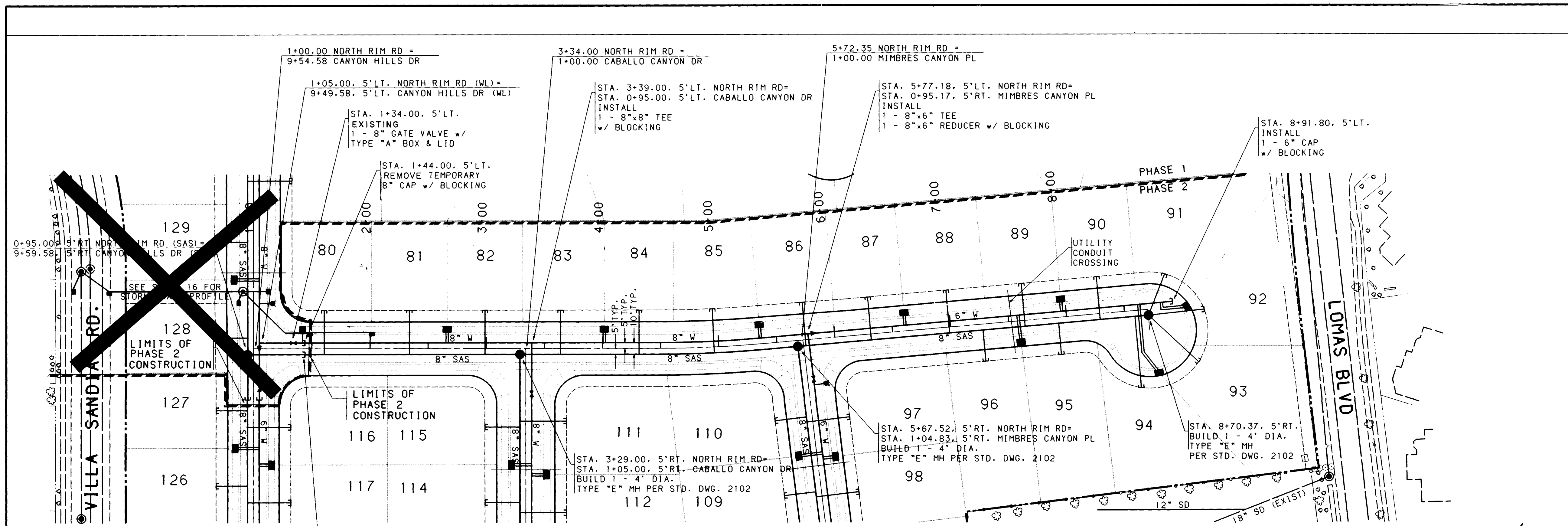
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: CANYON HILLS SUBDIVISION, PHASE 2
UTILITY PLAN & PROFILE
CANYON HILLS DRIVE

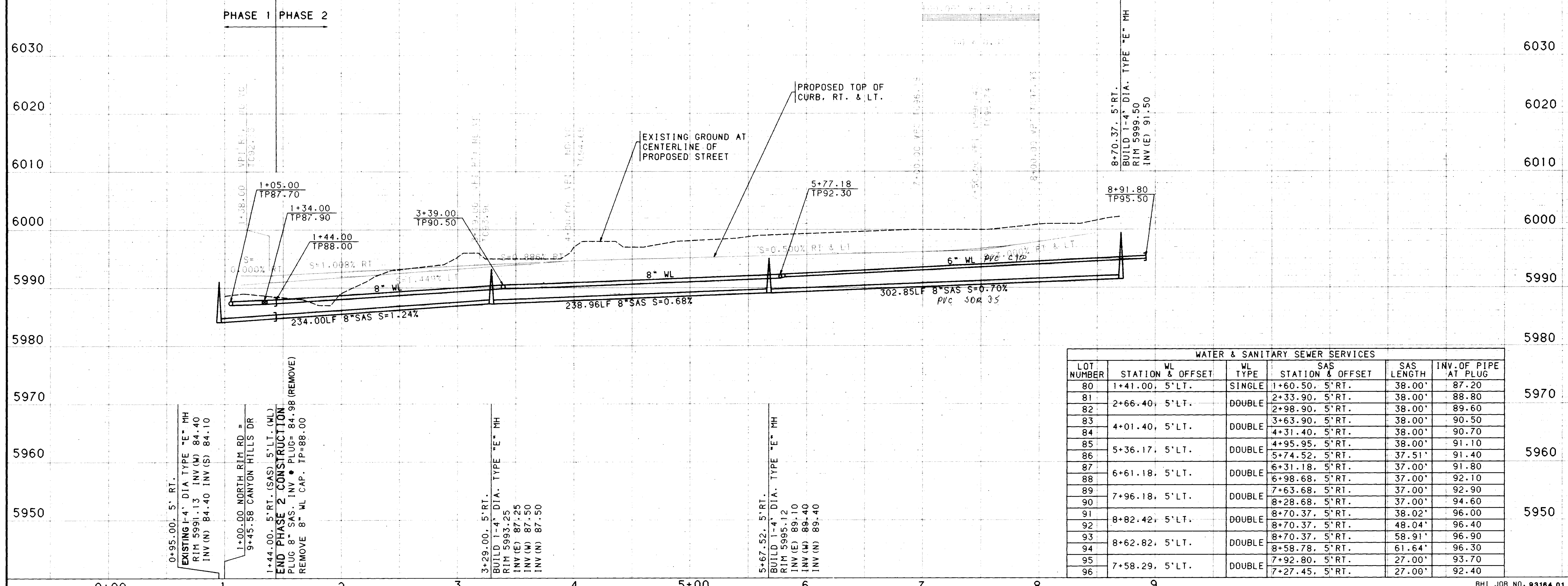
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D.R.C. Chair	Rogelio	9-9-92	WATER	R.W. Kame	8-27-92
TRANS. DEV.	NK 40	8-18-92	WASTE WATER	R.W. Kame	8-27-92
HYDROLOGY	CAH	8-8-92			

DESIGNED BY: RLB
DRAWN BY: NM, SAR
CHECKED BY: RLB

DATE: 7/92
DATE: 7/92
DATE: 7/92



SAS CURVE DATA		WATERLINE CURVE DATA	
P.I.	4+94.11	P.I.	4+93.66
Delta	5° 2' 33.6"	Delta	5° 2' 33.6"
D	5' 33' 46"	D	5' 37' 02"
T	45.36'	T	44.91'
L	90.65'	L	89.77'
R	1030.00'	R	1020.00'
PC	4+48.75, 5' RT.	PC	4+48.75, 5' RT.
PT	5+38.96, 5' RT.	PT	5+38.96, 5' RT.



WATER & SANITARY SEWER SERVICES					
LOT NUMBER	STATION	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	INV. OF PIPE AT PLUG
80	1+41.00, 5' LT.	SINGLE	1+60.50, 5' RT.	38.00'	87.20
81	2+66.40, 5' LT.	DOUBLE	2+33.90, 5' RT.	38.00'	88.80
82			2+98.90, 5' RT.	38.00'	89.60
83	4+01.40, 5' LT.	DOUBLE	3+63.90, 5' RT.	38.00'	90.50
84			4+31.40, 5' RT.	38.00'	90.70
85	5+36.17, 5' LT.	DOUBLE	4+95.95, 5' RT.	38.00'	91.10
86			5+74.52, 5' RT.	37.51'	91.40
87	6+61.18, 5' LT.	DOUBLE	6+31.18, 5' RT.	37.00'	91.80
88			6+98.68, 5' RT.	37.00'	92.10
89	7+96.18, 5' LT.	DOUBLE	7+63.68, 5' RT.	37.00'	92.90
90			8+28.68, 5' RT.	37.00'	94.60
91	8+82.42, 5' LT.	DOUBLE	8+70.37, 5' RT.	38.02'	96.00
92			8+70.37, 5' RT.	48.04'	96.40
93	8+62.82, 5' LT.	DOUBLE	8+70.37, 5' RT.	58.91'	96.90
94			8+58.78, 5' RT.	61.64'	96.30
95	7+58.29, 5' LT.	DOUBLE	7+92.80, 5' RT.	27.00'	93.70
96			7+27.45, 5' RT.	27.00'	92.40

- NOTES**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURB RETURN RADIUS SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
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JONES	761-6200	YVETTE SUAZO

ENGINEERS SEAL

THIS STAMP IS FOR PHASE 2 ONLY

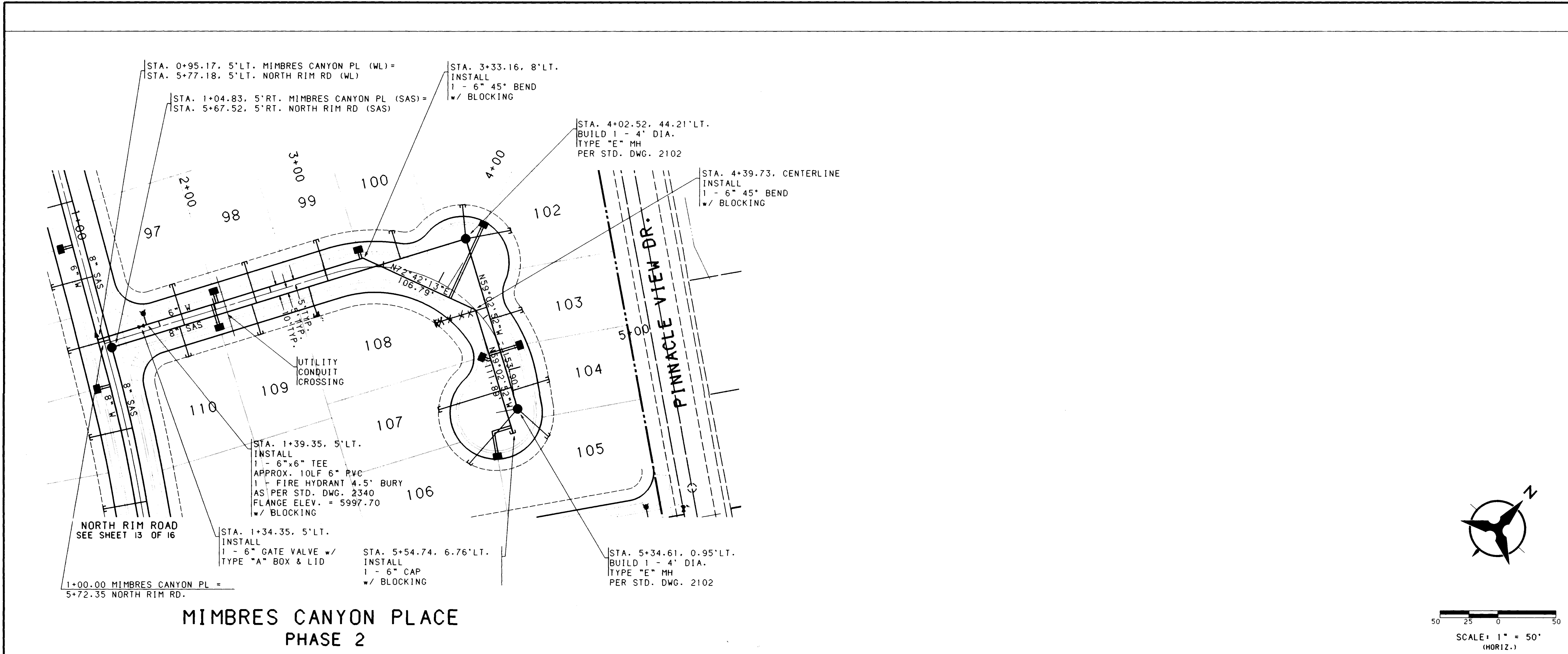
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

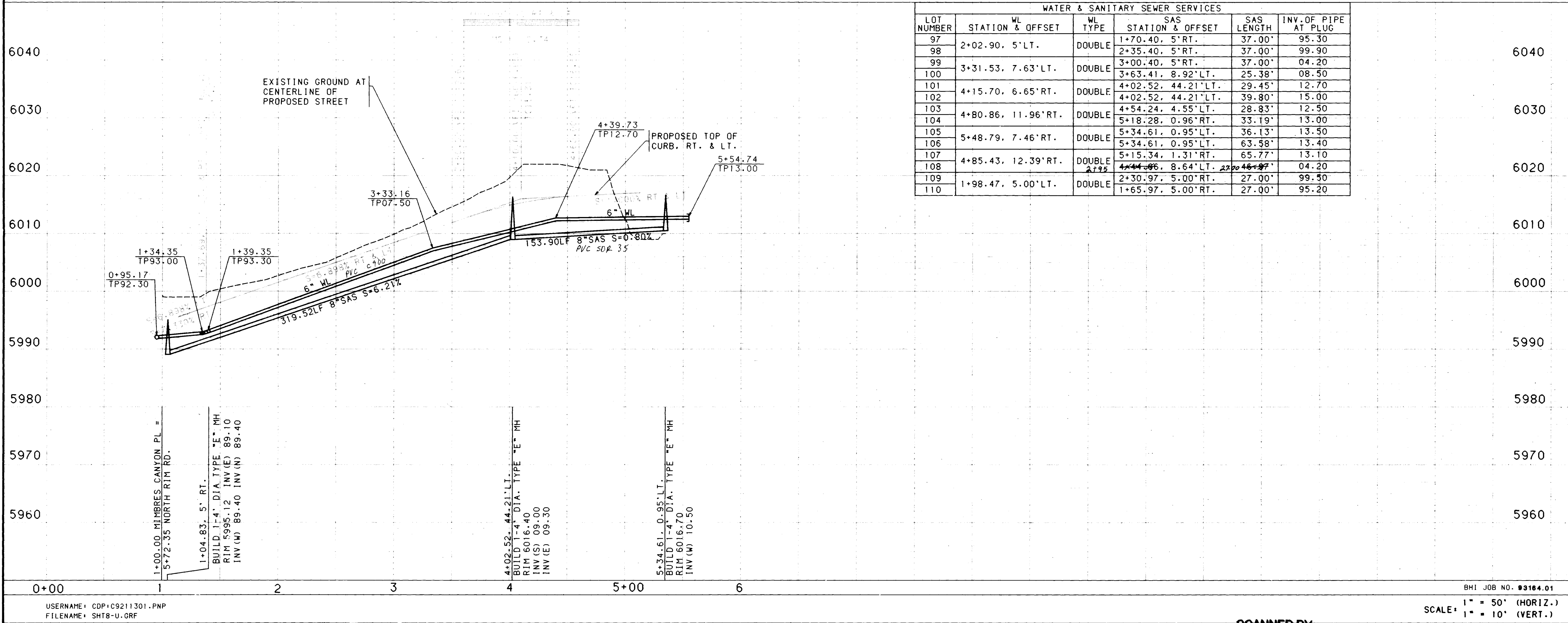
TITLE: CANYON HILLS SUBDIVISION, PHASE 2
UTILITY PLAN & PROFILE
NORTH RIM ROAD

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	R.W. Kane	8-27-92	WATER	R.W. Kane	8-27-92
TRANS. DEV.	N.A. 240	8-27-92	WASTE WATER	R.W. Kane	8-27-92
HYDROLOGY	C.A.N.	8-27-92			

PROJECT NO. 4518.91 MAP NO. J-23 SHEET 13 OF 16



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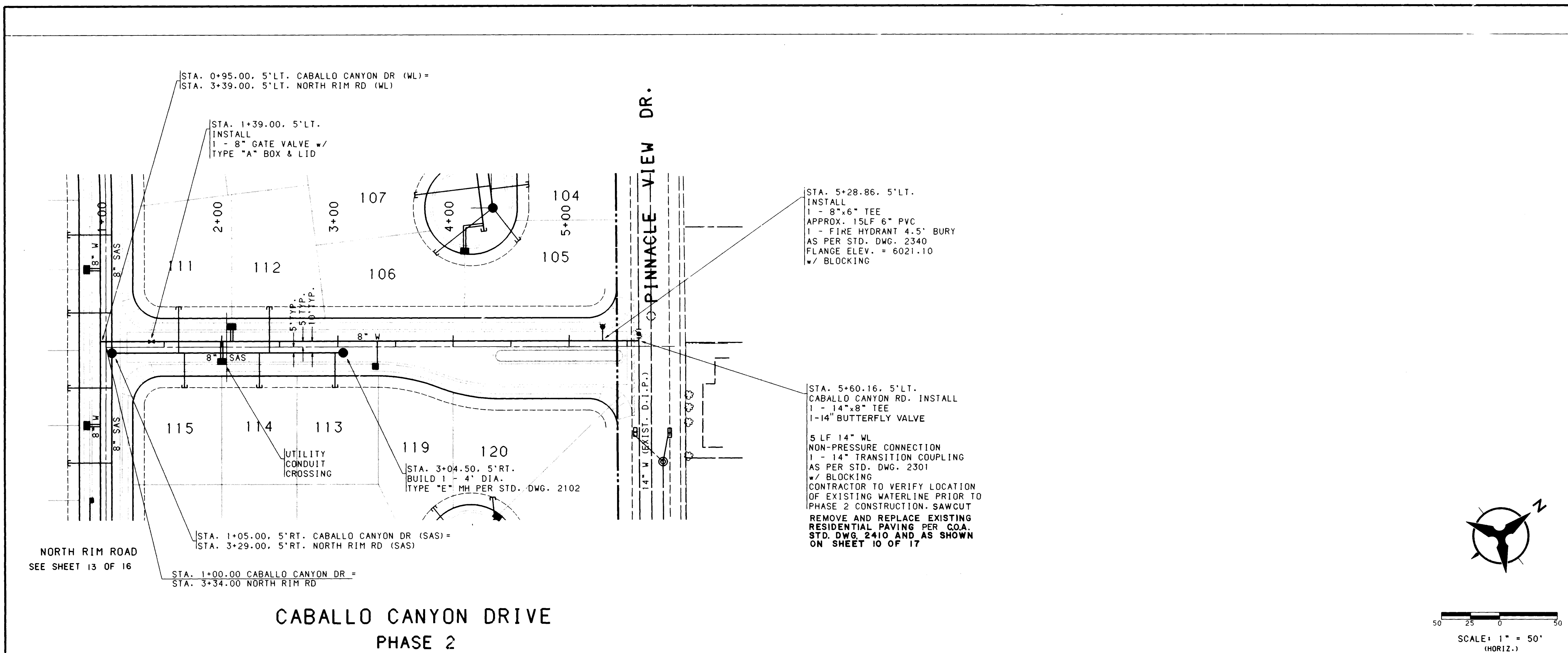


WATER & SANITARY SEWER SERVICES

LOT NUMBER	STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	INV. OF PIPE AT PLUG
97	2+02.90, 5' LT.	DOUBLE	1+70.40, 5' RT.	37.00'	95.30
98			2+35.40, 5' RT.	37.00'	99.90
99	3+31.53, 7.63' LT.	DOUBLE	3+00.40, 5' RT.	37.00'	04.20
100			3+63.41, 8.92' LT.	25.38'	08.50
101	4+15.70, 6.65' RT.	DOUBLE	4+02.52, 44.21' LT.	29.45'	12.70
102			4+02.52, 44.21' LT.	39.80'	15.00
103	4+80.86, 11.96' RT.	DOUBLE	4+54.24, 4.55' LT.	28.83'	12.50
104			5+18.28, 0.96' RT.	33.19'	13.00
105			5+34.61, 0.95' LT.	36.13'	13.50
106	5+48.79, 7.46' RT.	DOUBLE	5+34.61, 0.95' LT.	63.58'	13.40
107			5+15.34, 1.31' RT.	65.77'	13.10
108	4+85.43, 12.39' RT.	DOUBLE	4+44.86, 8.64' LT.	27.00'	04.20
109			2+30.97, 5.00' RT.	27.00'	99.50
110	1+98.47, 5.00' LT.	DOUBLE	1+65.97, 5.00' RT.	27.00'	95.20

REVISIONS

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- ALL CURVE 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"x4"x5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- 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 CONTRACTORS EXPENSE.
- REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
- WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- THE FOLLOWING PERSONS SHALL BE NOTIFIED AT LEAST TWO BUSINESS DAYS PRIOR TO INSTALLING UTILITY CONDUIT CROSSINGS:

COMPANY	PHONE	CONTACT
PNM	848-3374	TOM BACA
US WEST	245-6374	ELFEBO GARCIA
GAS CO.	761-7770	LEO APODACA
JONES	761-6200	YVETTE SUAZO

AS BUILT INFORMATION

CONTRACTOR	DATE	DATE	DATE	DATE
BY	DATE	DATE	DATE	DATE

BENCH MARKS

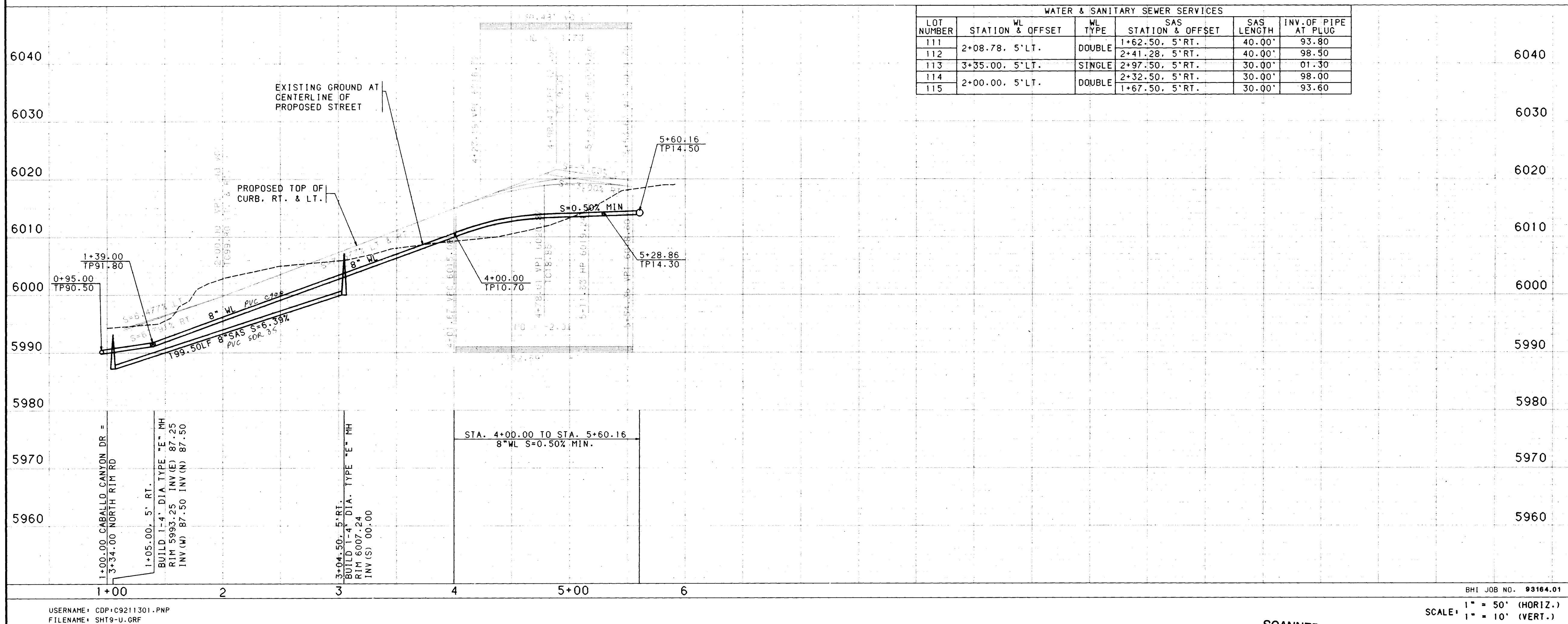
THE BENCHMARK IS THE ACS STATION 21-223.	DATE
ELEV. 6017.266. MONUMENT IS AN ALUMINUM DISK	DATE
EXPOSED TO THE TOP OF THE CURB AT THE ENE CURB	DATE
RETURN AT THE NE CORNER OF THE INTERSECTION OF	DATE
PINNACLE VIEW AND VILLA SANDIA ROAD N.E.	DATE

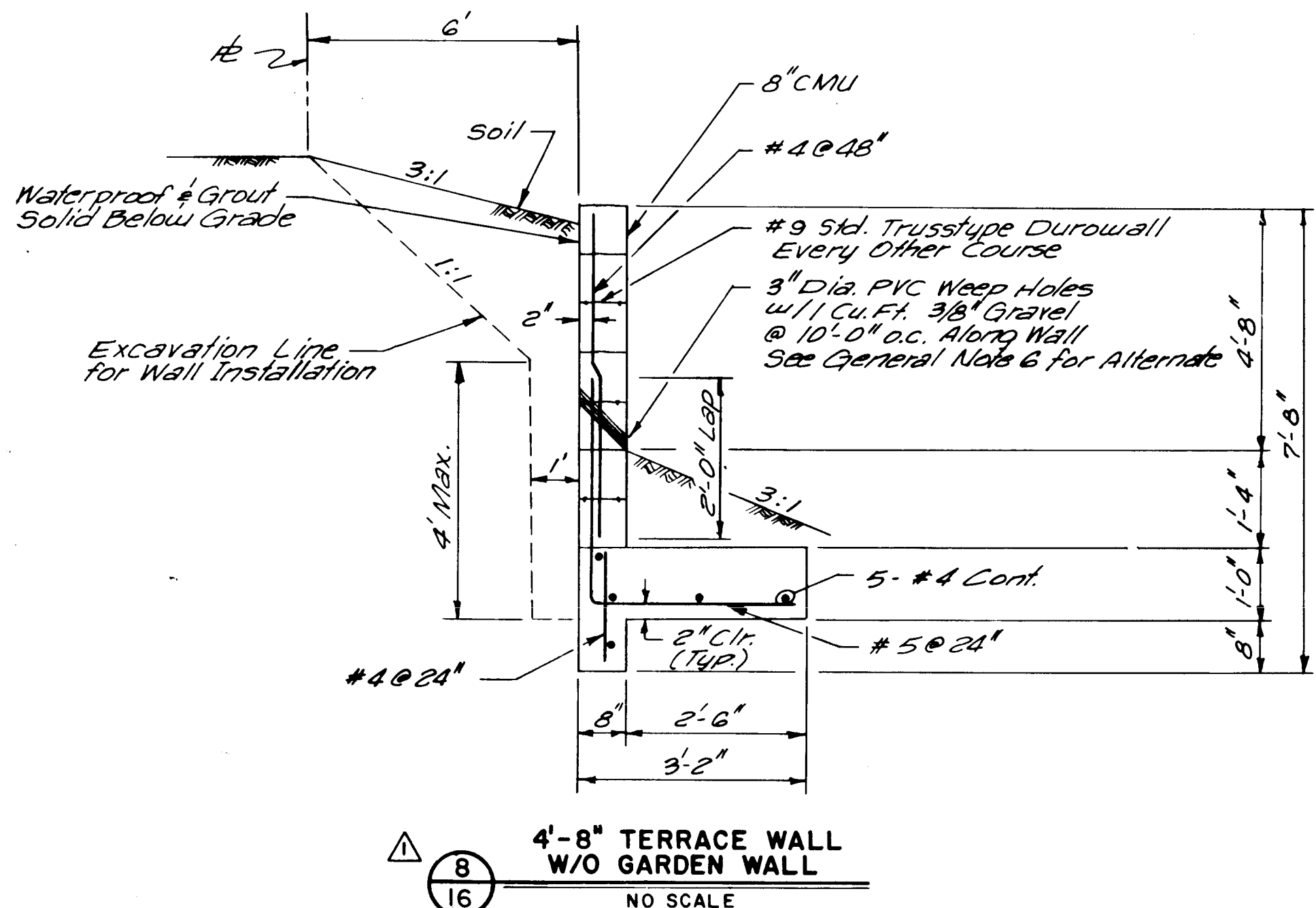
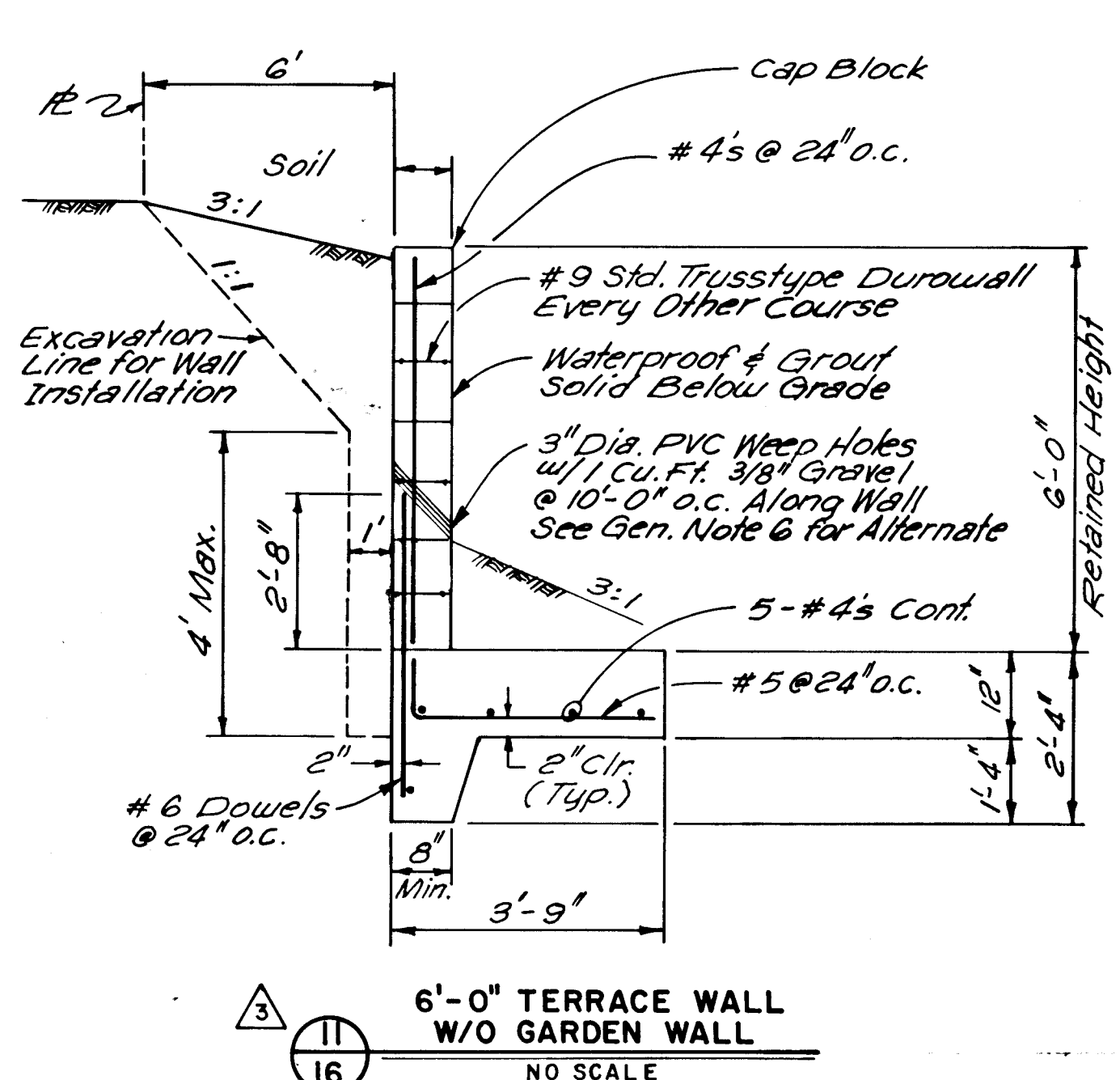
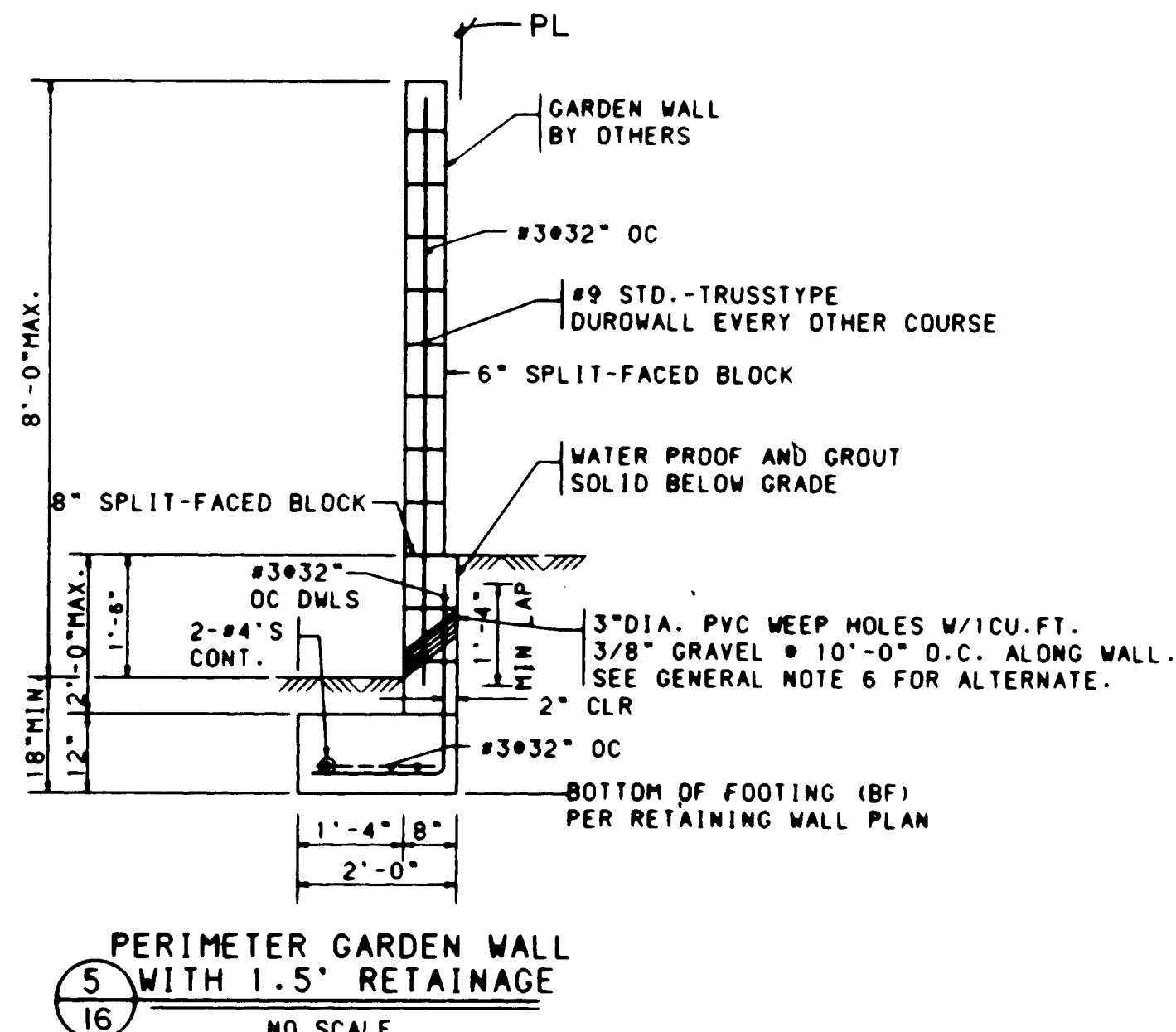
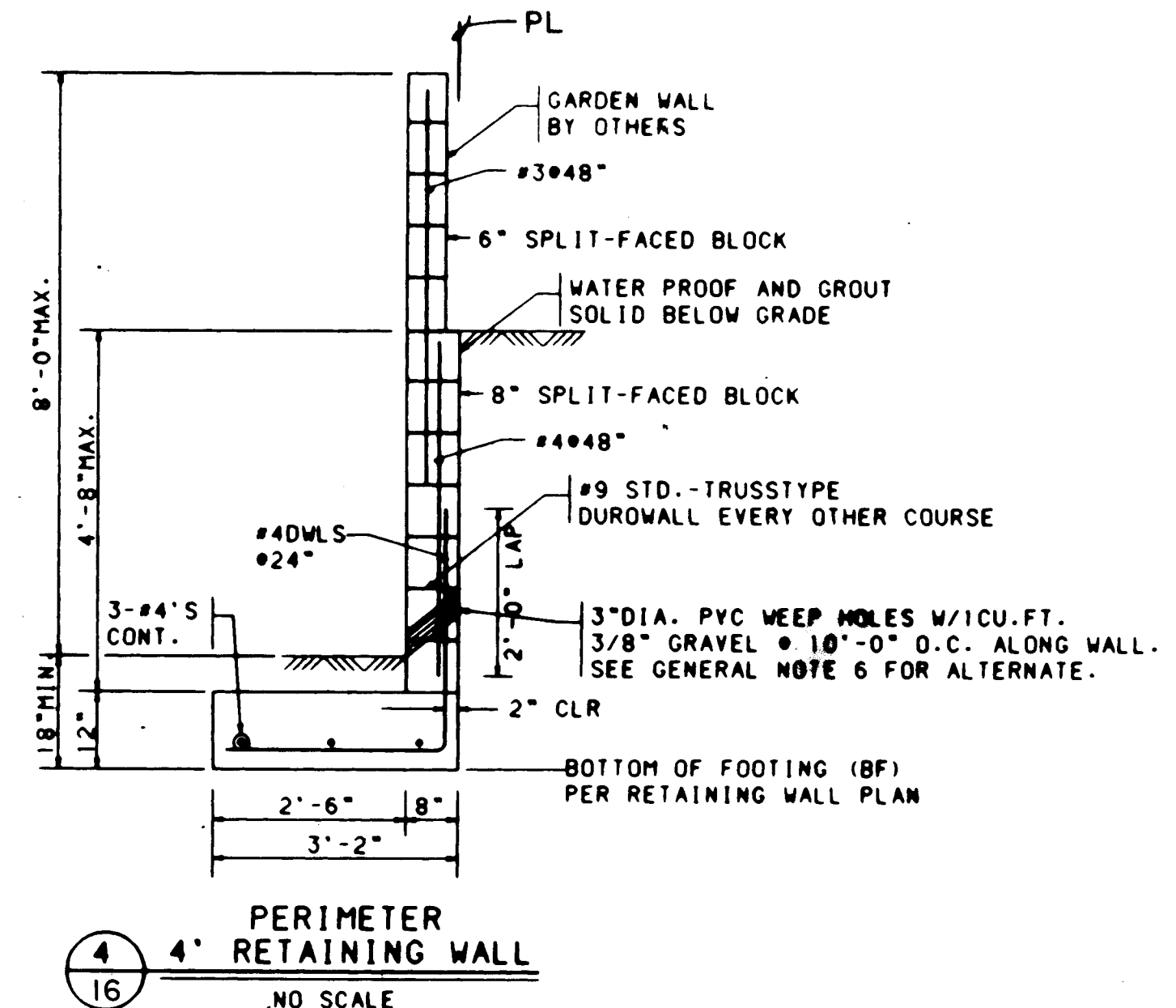
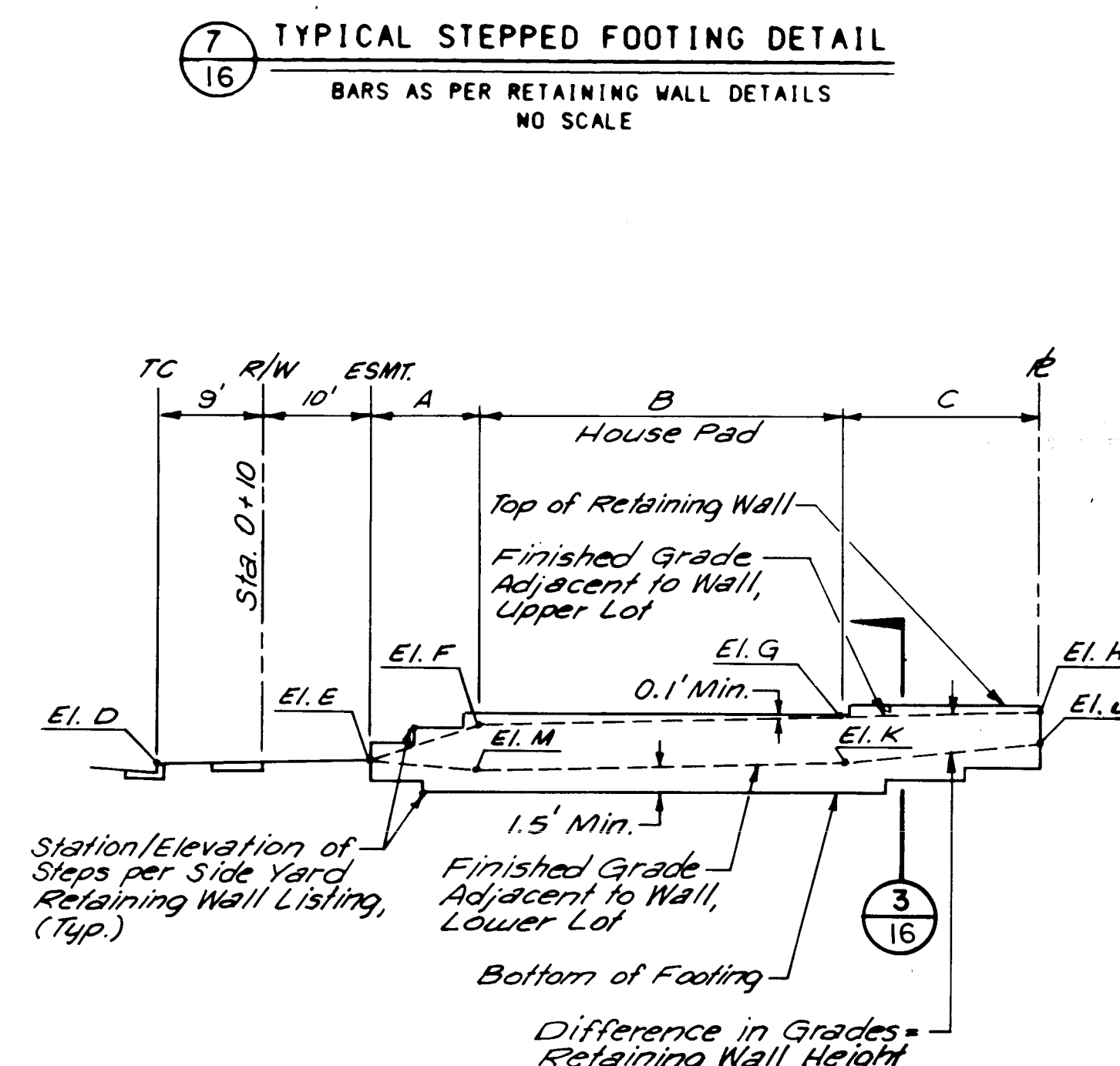
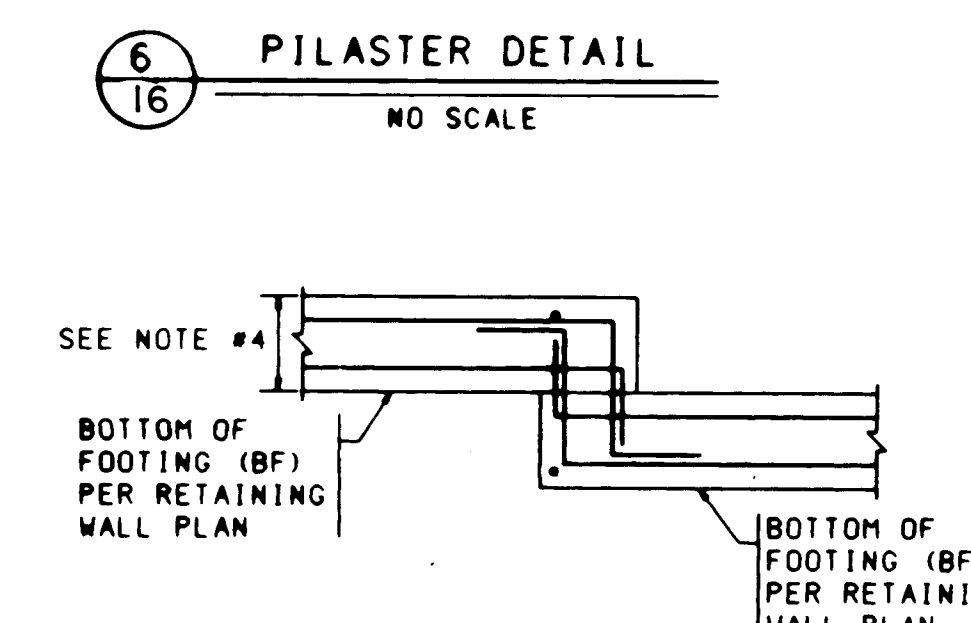
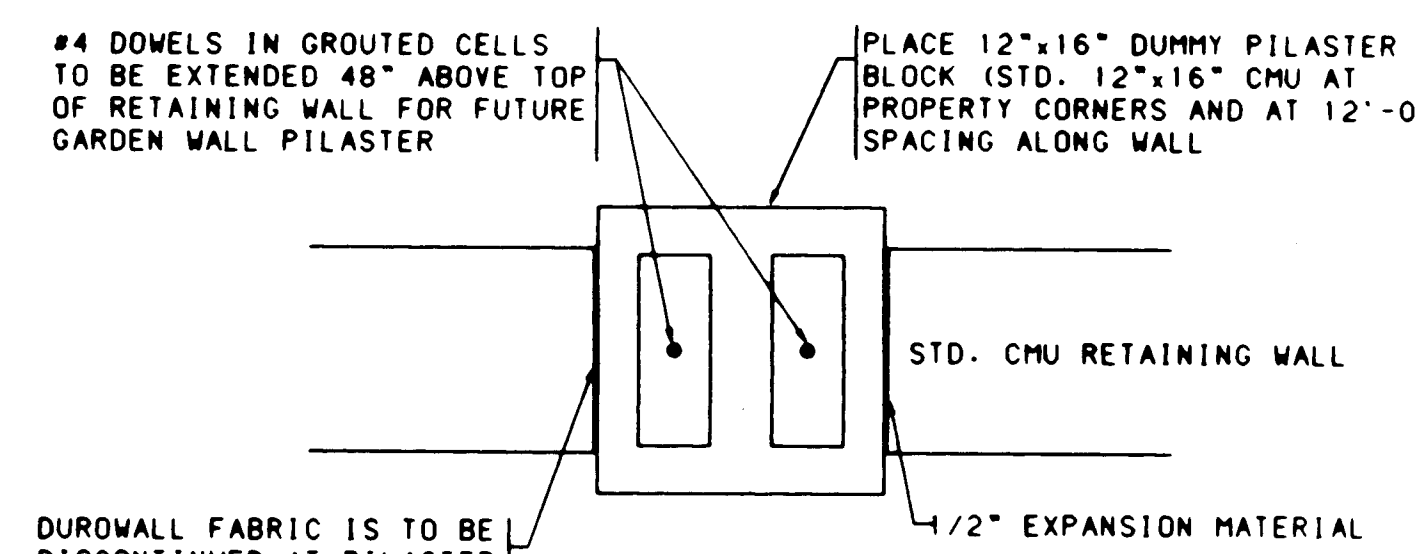
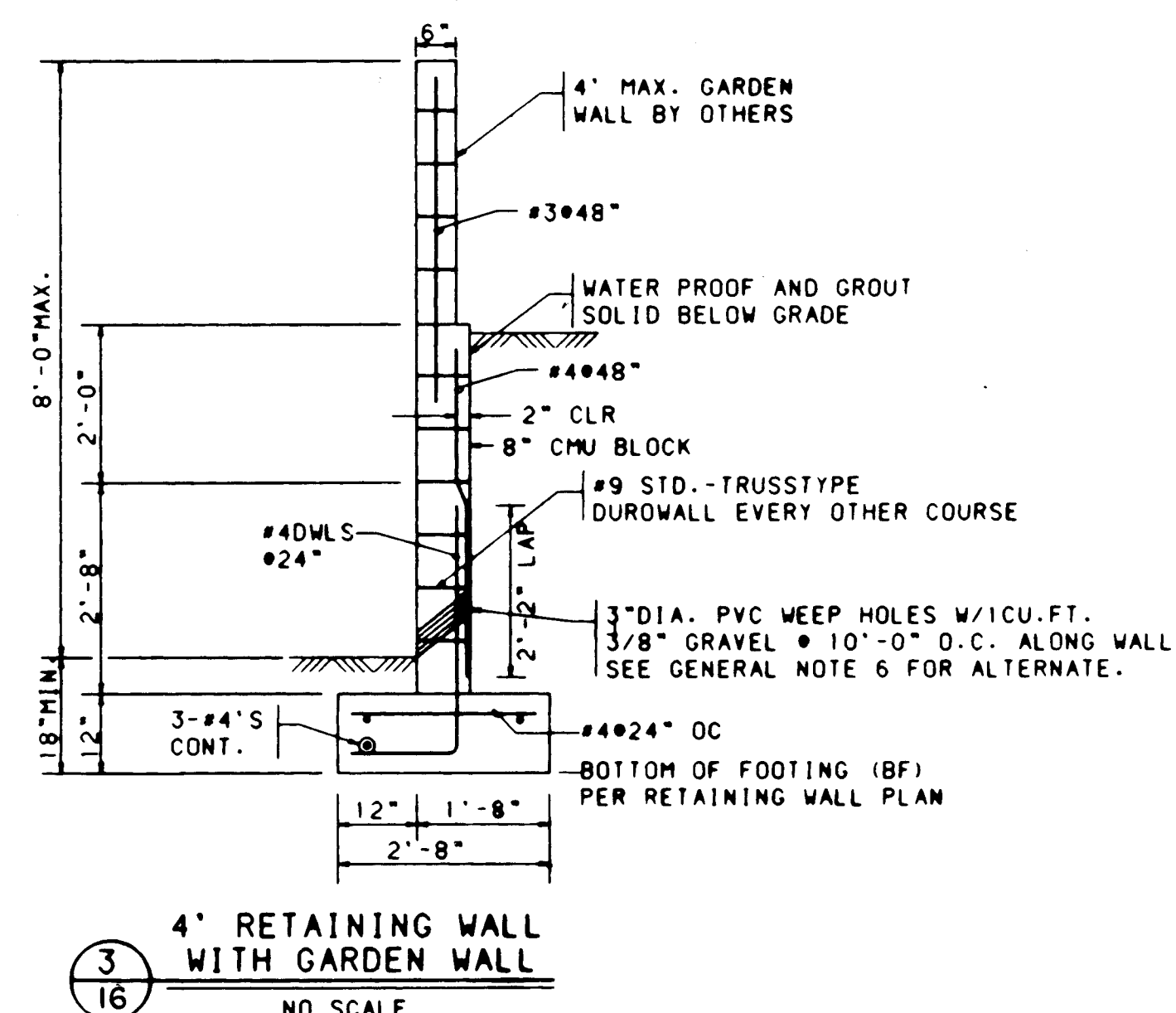
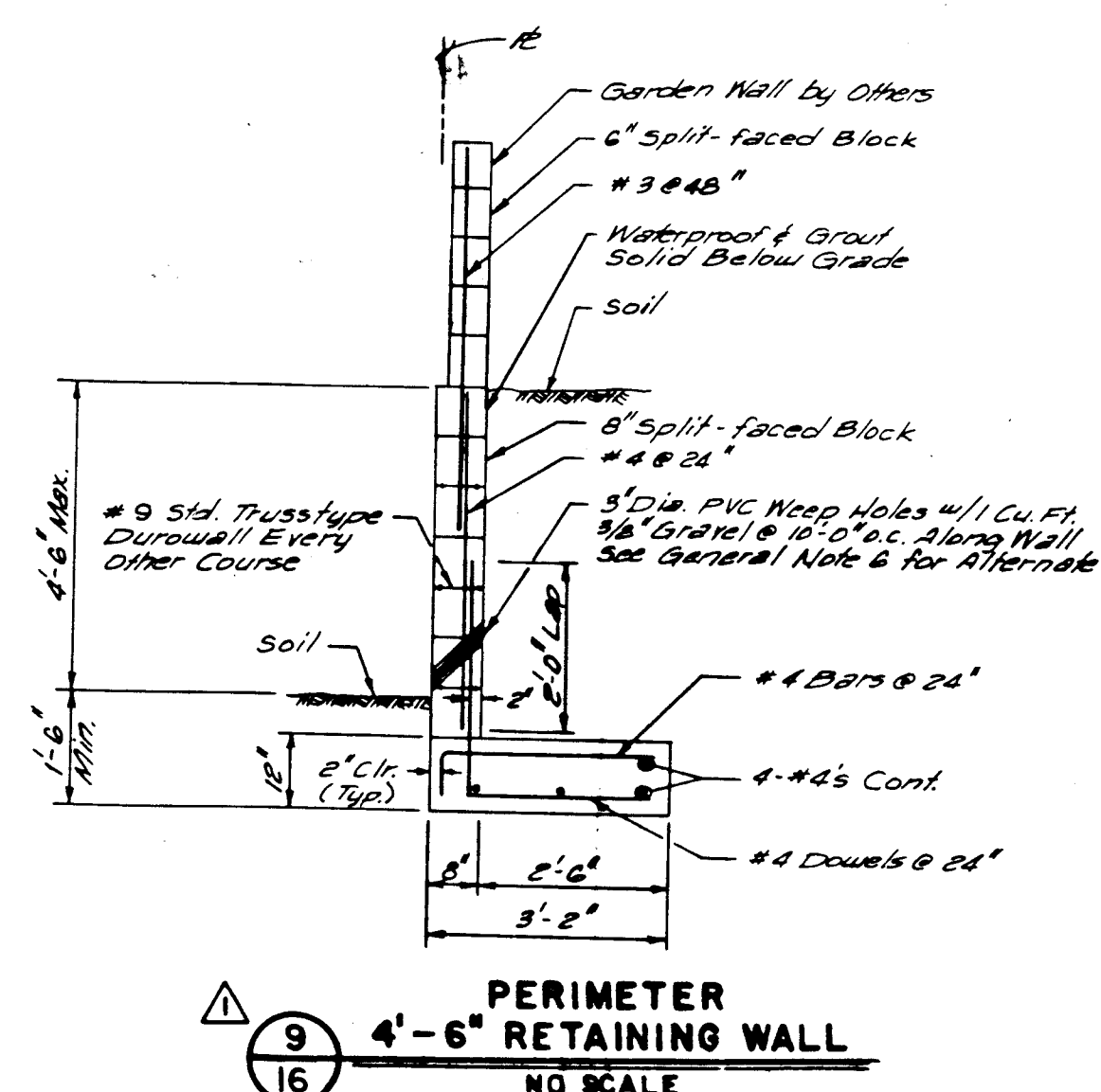
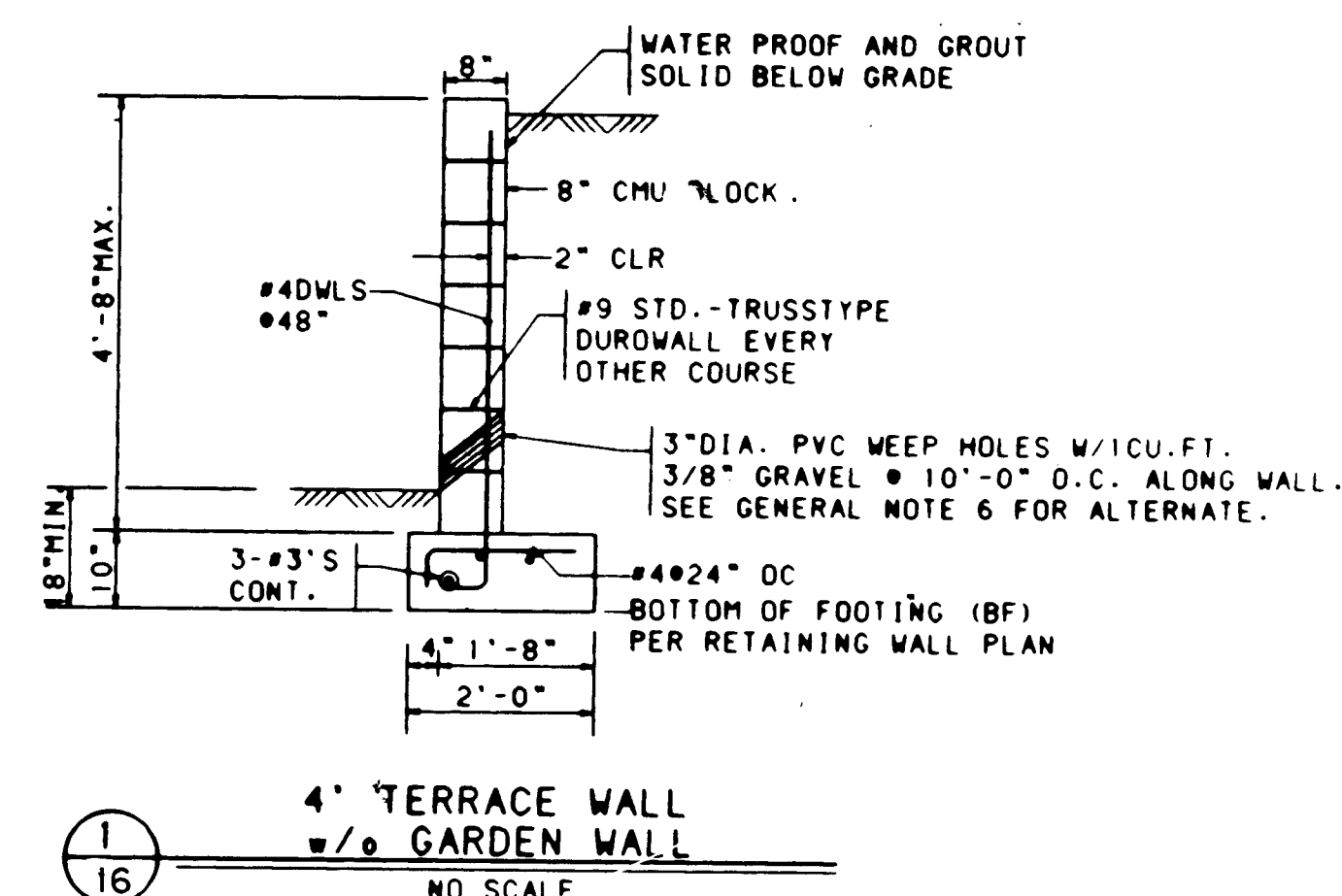
SURVEY INFORMATION

FIELD NOTES	DATE	BY
NO.	DATE	BY

ENGINEERS SEAL

DESIGNED BY: RLB DATE: 7/92
DRAWN BY: NM.SAR DATE: 7/92
CHECKED BY: RLB DATE: 7/92





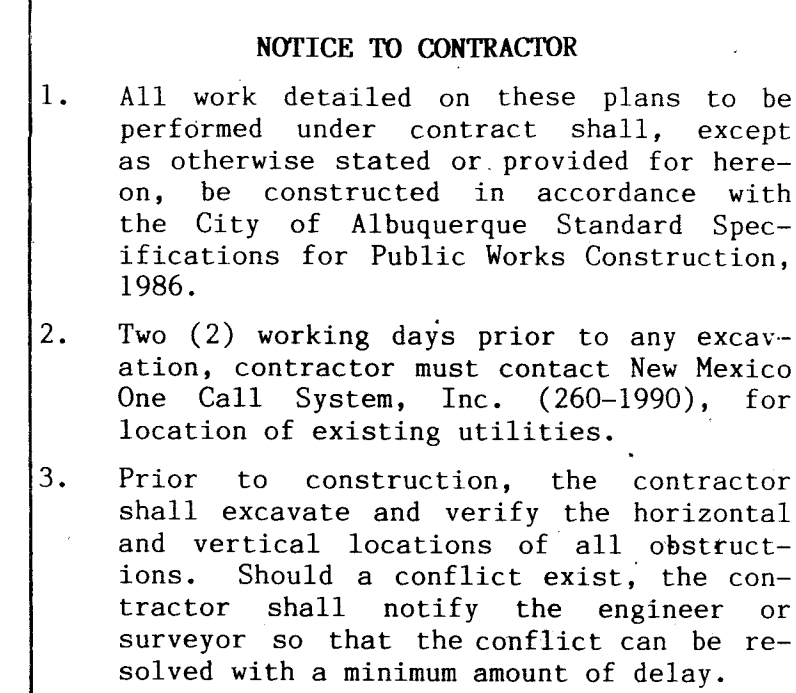
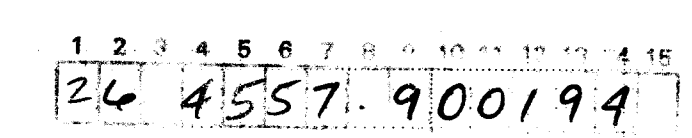
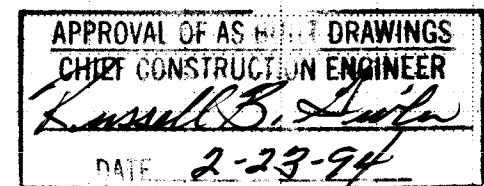
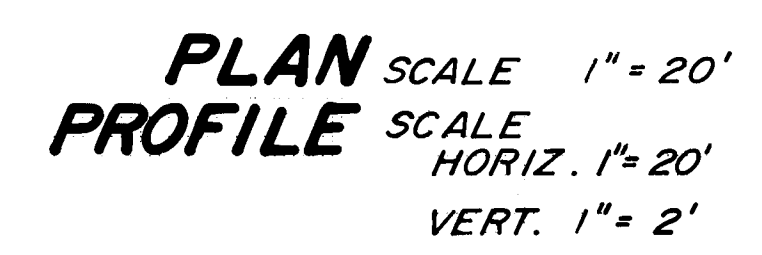
- GENERAL NOTES (RETAINING WALL CONST.)

1. RETAINING WALL FOOTINGS SHOULD BE EMBEDDED A MINIMUM OF EIGHTEEN INCHES BELOW LOWEST ADJACENT GRADE PRIOR TO PLACING FOOTINGS. THE EXPOSED SOILS SHOULD BE SCARIFIED TO A DEPTH OF EIGHT (8") INCHES. MOISTURE CONDITIONED TO A NEAR OPTIMUM (1:32) MOISTURE CONTENT AND COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557.
2. RETAINING WALL SHALL NOT BE BACK-FILLED UNTIL AT LEAST 7 DAYS AFTER PLACING OF FINAL GROUT LEVEL WHERE HEAVY EQUIPMENT IS USED IN BACKFILLING. SUCH EQUIPMENT SHOULD NOT APPROACH CLOSER TO THE TOP OF THE WALL THAN A DISTANCE EQUAL TO THE HEIGHT OF THE WALL. CARE SHOULD BE TAKEN TO AVOID EXERTING IMPACT FORCES ON THE WALL AS COULD BE CAUSED BY A LARGE MASS OF MOVING EARTH.

SLOPES UP AWAY FROM WALLS SHOULD NOT EXCEED 5:1.
3. VERTICAL CONTROL JOINTS WITH PVC INTERLOCK SHALL BE PLACED AT INTERVALS NOT TO EXCEED 30'-0" ON CENTER. PILASTERS MAY BE SUBSTITUTED FOR CONTROL JOINTS WHEN PLACED AT 12'-0" INTERVALS. PILASTERS SHALL BE PLACED AT EVERY SIDE LOT LINE INTERSECTION. DISCONTINUE DUROWALL EACH SIDE OF PILASTERS.
4. MINIMUM LAP SPlice ON REINFORCING BARS SHALL BE 30 BAR DIAMETERS OR 1'-4" MINIMUM. REINFORCEMENT OF A SIZE AND SPACING OTHER THAN THAT GIVEN IN THE TABLES MAY BE USED PROVIDING SUCH OTHER REINFORCEMENT FURNISHES AN AREA OF STEEL AREA AT LEAST EQUAL TO THAT GIVEN IN THE TABLE.
5. CONSTRUCTION OF RETAINING WALLS SHALL CONFORM TO REQUIREMENTS OF THE UNIFORM BUILDING CODE.
6. OMISSION OF A VERTICAL MORTAR JOINT ON FIRST COURSE AT 48" O.C. MAY BE USED FOR WEEP HOLES.
7. DESIGN DATA
BLOCK WEIGHT 12" = 130 PSF
BLOCK WEIGHT 8" = 85 PSF
SOIL WEIGHT = 120 PCF
EQUIV. FLUID PRESSURE = 30 PCF
SOIL BEARING PRESSURE = 2000 PCF
(1/3 INCREASE FOR WIND/SEISMIC)
COEFFICIENT OF FRICTION = 0.4
PASSIVE SOIL PRESSURE = 300 PCF
CONCRETE F'C (28 DAYS) = 3000 PSI
GROUT STRENGTH = 2000 PSI
CMU GRADE N = 1500 PSI (GROUTED)
REINFORCEMENT = 60 ASTM A-615
8. CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO CONCRETE FOOTING POUR FOR INSPECTION OF COMPACTION UNDER FOOTING, FOOTING DEPTH AND WIDTH AND WALL STEEL AND SPACING. FINAL INSPECTION OF FOOTING AND WALL WILL BE REQUIRED.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR CODE ADMINISTRATION APPROVAL AND FEES ASSOCIATED WITH IT.
10. REINFORCING NOT CORRECTLY PLACED SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST TO THE OWNER.
11. WALLS WITH NO RETAINAGE ARE NOT ADDRESSED BY THESE PLANS.

						ENGINEER'S SEAL						SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		A		5/8/93		ADDED SECTION II, DELETED SECT. 2		KD									
		A		3/31/93		MODIFIED PLANS FOR PHASE 2		RK									
		A		1-6-93		ADDED SECTIONS 8, 9 AND 10		JPK									
		NO.		DATE		REMARKS		BY									
REVISIONS																	
DESIGN																	
DESIGNED BY		RLB		DATE		7/92											
DRAWN BY		NH-SAR		DATE		7/92											
CHECKED BY		RLB		DATE		7/92											

		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
		TITLE: CANYON HILLS SUBDIVISION, PHASE 2 RETAINING WALL DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE		
D.R.C. Chair	<i>[Signature]</i>	9-9-92	WATER	N/A RWK	8-27-92		
TRANS. DEV.	N/A EWO	8-10-92	WASTE WATER	N/A RWK	8-27-92		
HYDROLOGY	<i>[Signature]</i>	9-2-92					
PROJECT NO. 4518-91			MAP NO. J-23		SHEET 16 OF 16		

[illegible]