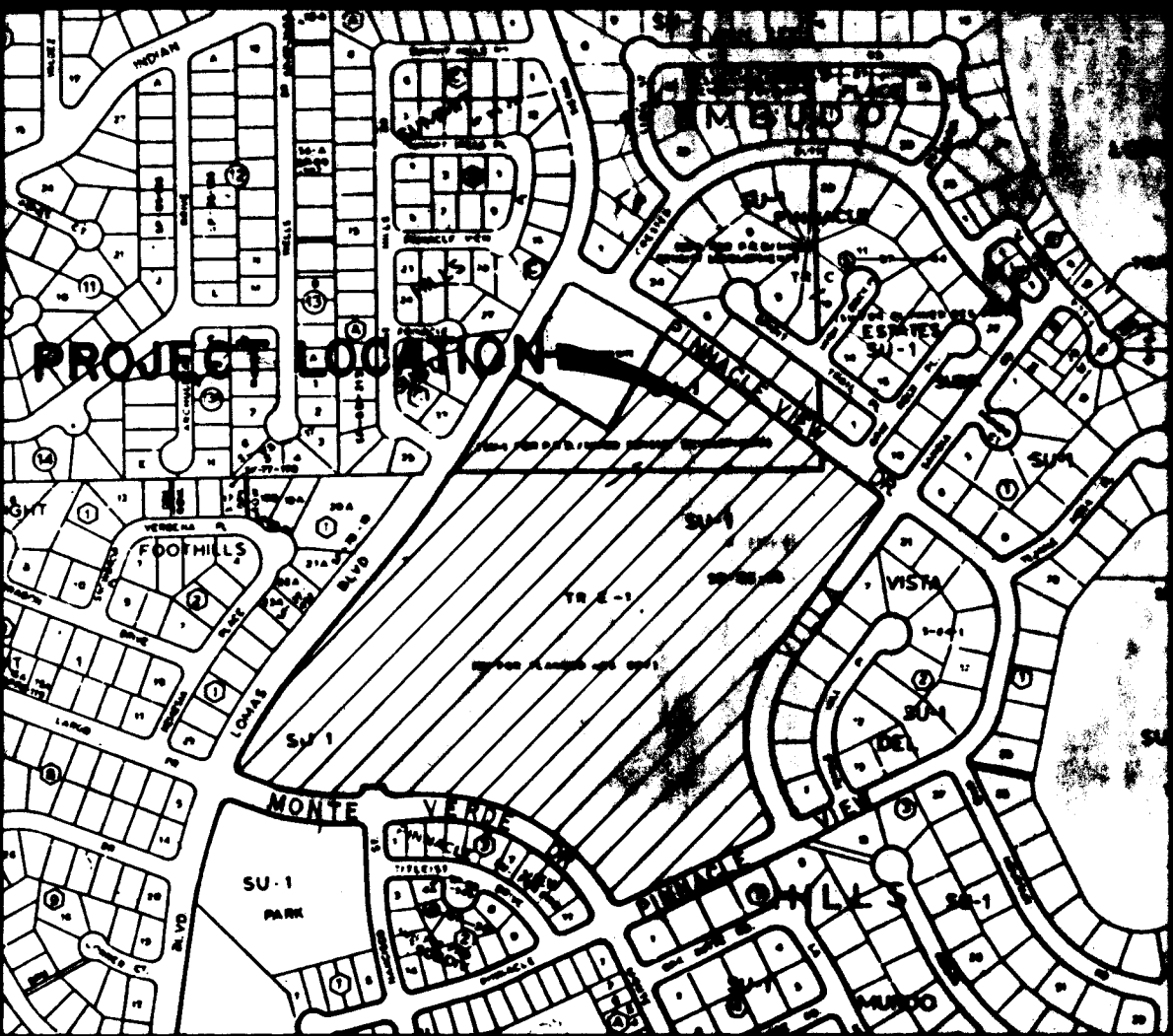


CONSTRUCTION PLANS
FOR
CANYON HILLS SUBDIVISION
PHASES 1 AND ~~X~~
ALBUQUERQUE, NEW MEXICO

INDEX	
SHEET NUMBER	DESCRIPTION
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9	OVERALL UTILITY PLAN
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17	MIMBRES CANYON PLACE/SANDIA MANOR RESERVOIR - PHASE 2
18	CABALLO CANYON DRIVE - PHASE 2
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23	WHITE RIM PLACE - PHASE 1
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VICINITY MAP
NOT TO SCALE
J-25

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.
- 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.
- 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 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.

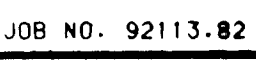
APPROVAL OF AS BUILT DRAWINGS
CITY ENGINEER
Russell B. Smith
DATE 12-6-99

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 4518.900193

SCANNED BY
BY LASON

BHT JOB NO. 92113.01

7, 8, 15, 16	11/3/92	10/29/92			
REV SHEETS	CITY ENGINEER	DATE	USER/DEPARTMENT	DATE	USER/DEPARTMENT
APPROVAL OF REVISIONS					
			APPROVED FOR CONSTRUCTION <i>Russell B. Smith</i> 11-3-92 C.E.		
PROJECT NUMBER			SHEET 1 OF 30		
4518.90					



SHEET 2 OF 3 SHEETS



SUBDIVISION DATA

- ## NOTES

- ### DISCLOSURE STATEMENT

PUBLIC UTILITY EASEMENTS

A. The Public Service Company of New Mexico for the installation, maintenance, and service of overhead and underground electrical lines, transformers, and other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical service.

- included is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate, and maintain facilities for the purposes described above, together with the right to use the easement for the purposes of installing sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes that interfere with the use of the easement. The easement shall also include the right to install, maintain, and remove a sign, pole (above ground or subsurface), hot tub, concrete or wood pool decking, or other structure shall be erected or constructed on the easement, and when any such structure is erected thereon, the Property owner shall be solely responsible for correcting any violations of National Electric Safety Code caused by construction of poles, decking, or any structures on the easement. The easement shall not include the right to place

A certain tract of land situate within Section 14, T10N, R4E, N.M.P.M., in the City of Albuquerque, Bernalillo County, New Mexico, being TRACT "E-1", EMBUDO HILLS, as the same is shown and designated on the plat filed for record in the office of the County Clerk of Bernalillo County, New Mexico on February 18, 1986, in Volume C29, folio 131.

PLAT NUMBER

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID
ON UPC# _____
PROPERTY OWNER OF RECORD:

BERNALILLO COUNTY TREASURER'S OFFICE DATE

Centerline (in lieu of R/W) monumentation to be installed at all centerline PC's, PT's, angle points and street intersections prior to acceptance of subdivision street improvements and will consist of a four-inch (4") aluminum alloy cast stamped "City of Albuquerque, Centerline Monument, Do Not Disturb, P.L.S. No. 5978".

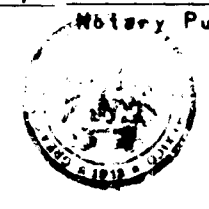
FREE CONSENT AND DEDICATION

CENTEX REAL ESTATE CORPORATION
Richard Mallett
Richard Mallett, President
Centex Real Estate Corporation

The foregoing instrument was acknowledged before me this 16th day of August, 1992 by Richard Mallet, President, Centex Real Estate Corporation

My Commission Expires 6/24/96 Frieda J. Valdez
Notary Public

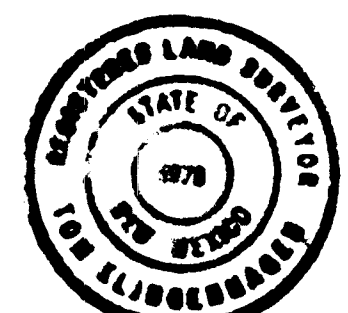
My Commission Expires 6/24/96



I, Thomas G. Klingshagen, a registered Professional New Mexico Surveyor, certify that this plat was prepared by me or under my supervision; shows all easements of record; meets the minimum requirements for monumentation and surveys contained in the Albuquerque Subdivision Ordinance, and is true and accurate to the best of my knowledge and belief.

Tom Klingenhagen
Thomas G. Klingenhagen
New Mexico Surveyor 5978

Behannen-Huston, Inc.
Courtyard I
7500 Jefferson Street, N.E.
Albuquerque, New Mexico 87109



JOB NO. 92113.82



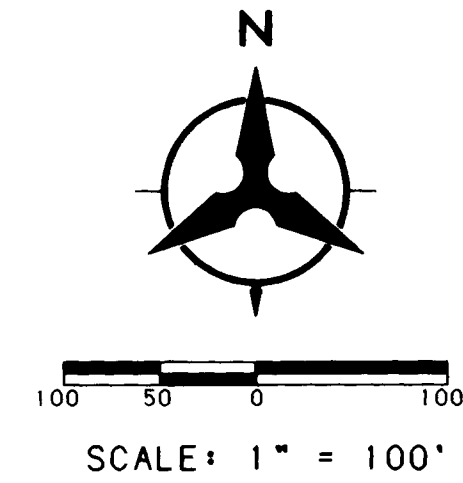
SCANNED BY
BY LASON

CURVE DATA

NUMBER	ARC	RADIUS	DELTA	CHORD	CHORD BEARING	TANGENT
C1	39.43	25.00	90°21'47"	35.47	S07°11'09"E	25.16
C2	450.09	410.00	62°53'52"	427.83	S06°32'48"W	250.75
C3	39.27	25.00	90°00'00"	35.36	S20°05'52"W	25.00
C4	37.85	25.00	86°44'23"	34.34	N11°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	N80°29'51"W	55.77
C10	42.33	25.00	97°00'38"	37.45	N21°59'32"W	28.26
C11	424.37	1559.44	15°35'30"	423.06	N34°18'33"E	213.50
C12	564.79	2901.52	11°09'10"	563.90	N36°31'43"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"	186.45	N27°15'01"E	94.89
C15	33.41	600.00	11°11'25"	33.40	N01°10'45"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°21'38"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	673.14	27°52'14"	324.22	S63°12'20"W	167.03
C21	113.02	673.14	9°37'13"	112.89	S44°27'37"E	56.65
C22	98.51	75.00	75°15'06"	91.58	S77°16'34"E	57.81
C23	187.67	673.14	15°58'26"	187.06	S57°15'26"E	94.45
C24	124.20	179.00	39°45'17"	121.72	N45°13'13"E	64.72
C25	160.04	1250.00	7°20'00"	158.93	N41°39'48"E	70.02
C26	94.04	75.00	71°50'15"	88.00	N02°05'07"E	54.33
C27	202.49	120.00	96°40'49"	179.31	N79°17'33"E	134.88
C28	101.84	120.00	48°53'28"	98.81	N55°15'52"E	54.21
C29	100.65	120.00	48°03'21"	97.72	S76°23'43"E	53.50
C30	100.65	120.00	48°03'21"	97.72	S76°23'43"E	53.50
C31	37.88	25.00	86°48'36"	34.36	N43°49'14"W	23.65
C32	37.88	25.00	86°48'36"	34.36	N43°49'14"W	23.65
C33	19.06	25.00	43°41'27"	18.61	S70°55'45"W	10.02
C34	186.67	25.00	102°22'55"	184.60	N41°56'34"E	10.02
C35	19.06	25.00	43°41'27"	18.61	S65°22'49"E	10.02
C36	37.46	25.00	85°51'12"	34.05	N49°50'52"E	23.25
C37	147.04	625.00	14°47'04"	147.59	N42°02'02"E	74.32
C38	44.94	25.00	102°59'08"	39.13	N31°00'35"W	31.42
C39	151.40	25.00	216°02'19"	150.88	N54°31'43"E	24.84
C40	44.94	25.00	102°59'08"	39.13	N82°51'48"E	31.42
C41	15.46	625.00	1°25'02"	15.46	S32°04'44"E	7.73
C42	19.06	25.00	43°41'27"	18.61	N01°56'34"E	10.02
C43	186.67	25.00	267°22'54"	184.60	S57°15'26"E	10.02
C44	19.06	25.00	43°41'27"	18.61	S54°38'00"W	10.02
C45	39.27	25.00	90°00'00"	35.36	N77°47'17"E	25.00
C46	170.00	40.00	245°30'10"	68.03	S64°32'23"W	15.47
C47	27.71	25.00	5°10'12"	26.31	S64°32'23"W	15.47
C48	92.71	273.83	17°18'12"	92.40	S24°10'12"W	41.67
C49	84.09	25.00	89°03'14"	83.83	S25°12'40"E	23.01
C50	94.72	696.14	7°47'44"	94.64	S73°14'35"E	47.43
C51	38.65	25.00	88°34'56"	34.92	N66°21'49"E	23.01
C52	145.07	25.00	93°18'17"	144.60	S25°12'40"E	23.01
C53	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C54	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C55	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C56	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C57	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C58	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C59	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C60	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C61	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C62	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C63	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C64	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C65	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C66	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C67	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C68	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C69	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C70	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C71	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C72	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C73	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C74	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C75	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C76	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C77	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C78	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C79	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C80	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C81	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C82	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C83	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C84	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C85	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C86	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C87	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C88	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C89	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C90	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C91	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C92	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C93	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C94	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C95	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C96	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C97	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C98	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C99	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C100	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C101	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C102	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C103	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C104	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C105	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C106	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C107	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C108	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C109	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C110	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C111	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C112	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C113	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C114	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C115	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C116	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C117	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C118	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C119	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C120	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C121	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C122	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C123	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C124	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C125	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C126	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C127	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C128	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C129	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02
C130	19.06	25.00	43°41'27"	18.61	N51°08'02"E	10.02

TANGENT DATA

NUMBER	BEARING	DISTANCE
T1	S24°54'08"E	62.60
T2	N89°21'18"W	78.45
T3	S89°10'09"W	50.00
T4	S89°30'09"W	55.00
T5	N70°29'51"W	75.77
T6	N30°57'08"E	97.49
T7	S64°08'00"E	67.62
T8	S32°57'09"W	18.00
T9	N64°39'24"W	18.00
T10	S58°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	S32°47'17"E	29.60
T17	S32°47'17"W	15.92
T18	N32°47'17"E	16.13
T19	S32°47'17"W	17.96
T20	S32°47'17"W	5.94
T21	S32°53'13"W	18.84
T22	S32°47'17"W	29.11
T23	S37°59'44"W	1.98
T24	S37°59'44"W	4.06
T25	N37°59'44"E	5.53
T26	N55°15'35"W	10.59
T27	S32°47'17"E	5.19
T28	S37°15'40"W	18.44
T29	S00°24'57"E	24.41
T30	S28°29'53"E	28.14
T31	S69°08'58"E	12.53
T32	S57°12'43"E	11.52
T33	N62°08'15"E	20.25
T34	N32°57'11"E	25.00
T35	S32°47'17"E	5.19
T36	S52°00'16"E	55.43
T37	S59°02'52"E	97.39
T38	S59°02'52"E	116.15
T39	S59°02'52"E	85.00
T40	S59°02'52"E	65.00
T41	S59°02'52"E	65.00
T42	N10°18'16"W	76.71
T43	S45°18'53"W	60.00
T44	N10°18'16"W	19.74
T45	N05°19'24"E	48.15
T46	N27°12'50"E	116.15
T47	N28°39'47"E	70.37
T48	S28°39'47"E	65.17
T49	S28°39'47"W	5.13
T50	S27°21'53"W	60.15
T51	S27°21'53"W	78.49
T52	S05°19'24"W	17.39
T53	S05°19'24"W	30.76
T54	S10°18'16"W	80.20
T55	S10°18'16"W	80.20
T56	N32°47'17"E	82.00
T57	N32°47'17"E	82.00
T58	N32°47'17"E	55.00
T59	N32°47'17"E	55.00
T60	S32°47'17"E	65.00
T61	S32°47'17"E	65.00
T62	N26°04'16"E	60.41
T63	N26°04'16"E	65.45
T64	N26°04'16"E	60.41
T65	N14°53'04"E	70.03
T66	N34°53'04"E	65.04
T67	N34°53'04"E	65.04
T68	N34°53'04"E	65.04
T69	N34°53'04"E	86.51
T70	N34°53'04"E	86.51
T71	S34°53'04"E	65.10
T72	S34°53'04"E	38.37
T73	S34°53'12"E	31.66
T74	S34°53'12"E	38.37
T75	S26°04'16"E	91.58
T76	S26°04'16"E	73.61
T77	S26°04'16"E	30.62
T78	N37°59'44"E	65.16
T79	N37°59'44"E	65.16
T80	N37°59'44"E	60.00
T81	N37°59'44"E	60.00
T82	N37°59'44"E	104.50
T83	N37°59'44"E	46.47
T84	N37°59'44"E	92.43
T85	N37°59'44"E	66.88
T86	N37°59'44"E	66.88
T87	N45°19'53"E	66.64
T88	N45°19'53"E	66.64
T89	N40°39'57"E	72.89
T90	N37°59'44"E	36.35
T91	N37°59'44"E	36.35
T92	N37°59'44"E	36.35
T93	N40°39'57"E	14.34
T94	N40°39'57"E	58.55
T95	N45°19'53"E	65.00
T96	N45°19'53"E	65.00
T97	N45°19'53"E	60.00
T98	S57°02'51"E	25.00
T99	S52°00'16"E	18.44
T100	S52°00'16"E	18.44
T101	S52°00'16"E	56.11
T102	S52°00'16"E	87.00
T103	S57°02'51"E	70.00
T104	S57°02'51"E	70.00
T105	S57°02'51"E	60.00
T106	S57°02'51"E	60.00
T107	S57°02'51"E	37.52
T108	S52°00'16"E	27.63
T109	S52°00'16"E	27.63
T110	S52°00'16"E	70.00
T111	S52°00'16"E	70.00
T112	S52°00'16"E	65.00
T113	S52°00'16"E	78.41
T114	N30°57'08"E	97.49
T115	N30°57'08"E	70.00
T116	N30°57'08"E	66.65
T117	N30°57'08"E	66.65
T118	S37°59'44"W	18.43
T119	S37°59'44"W	9.24
T120	N43°30'02"E	13.40
T121	S37°41'37"W	40.32
T122	N37°59'02"E	13.40
T123	S02°53'03"E	40.00
T124	S46°26'22"W	44.04
T125	S08°06'22"E	14.00
T126	S12°02'41"E	13.97
T127	S12°02'41"E	40.01
T128	S12°02'41"E	40.01
T129	N32°47'17"E	14.10



SCANNED BY
BY LASON

BHI JOB NO. 92113.01

USERNAME: CDP\09211301.PAD
FILENAME: EXIST.GRF

2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 4518.900493



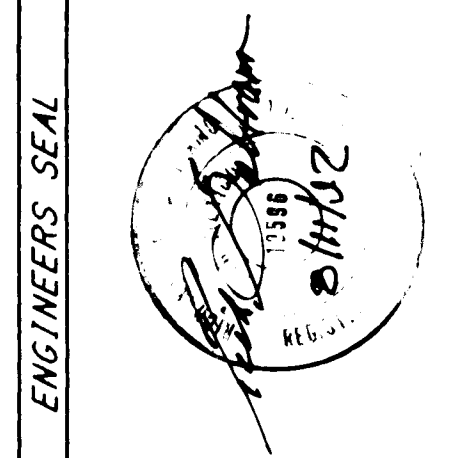
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP



TITLE: CANYON HILLS SUBDIVISION
EXISTING TOPOGRAPHY

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.	<i>[Signature]</i>	8-10-92	WASTE WATER	N/A RWK	8-27-92
HYDROLOGY	<i>[Signature]</i>	7-8-92			

PROJECT NO. 4518.90 MAP NO. J-23 SHEET 4 OF 30



REVISIONS	BY	DATE
DESIGN		5/92
REVISIONS		5/92
DESIGNED BY	RLB	5/92
DRAWN BY	NH.SAR	5/92
CHECKED BY	RLB	5/92

SURVEY INFORMATION

FIELD NOTES

NO. BY DATE

BENCH MARKS

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

AS BUILT INFORMATION

CONTRACTOR J.R. HALE

SUPERVISOR

INSPECTOR

DATE 11-11-92

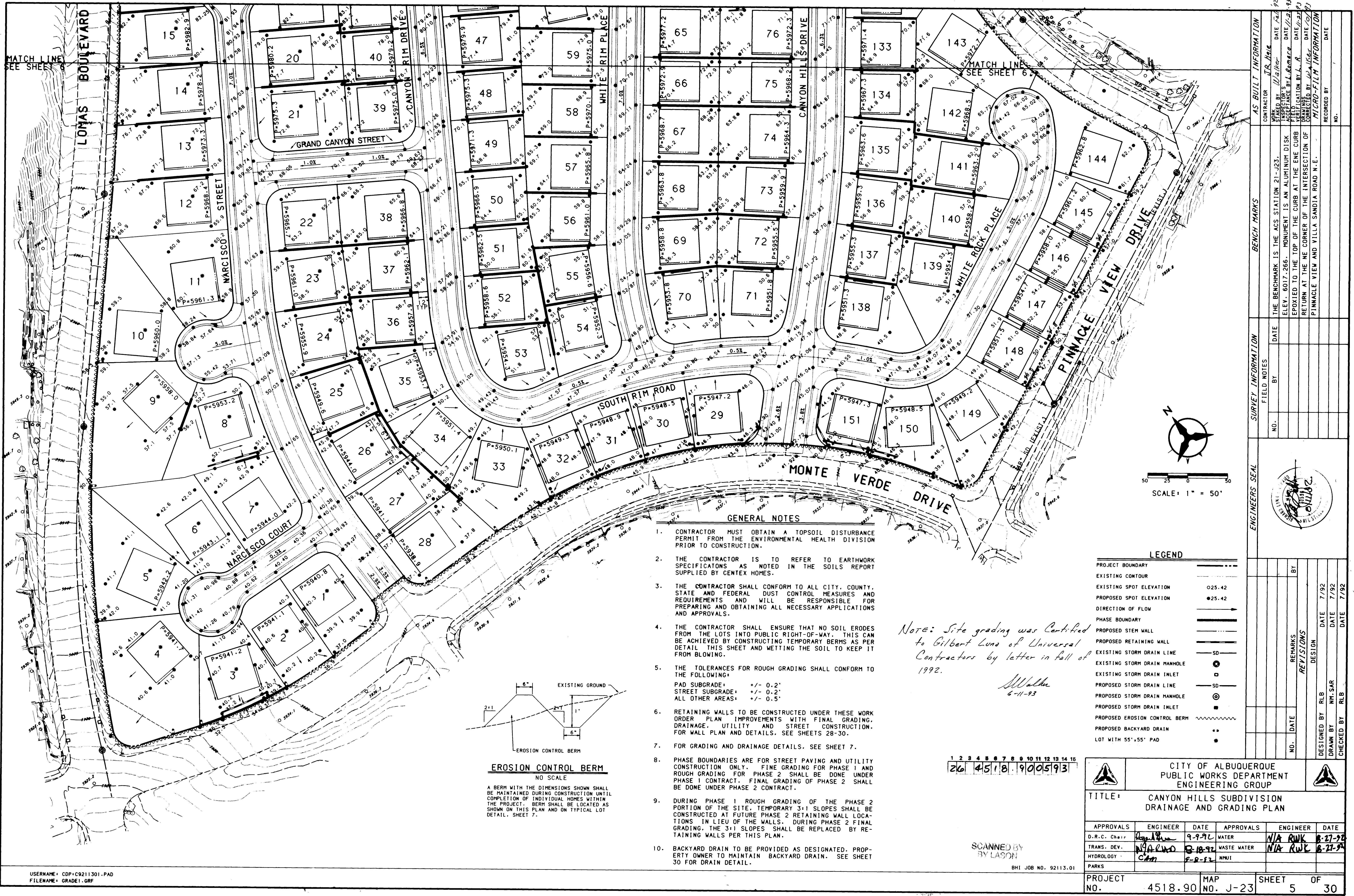
DATE 11-11-92

DATE 11-11-92

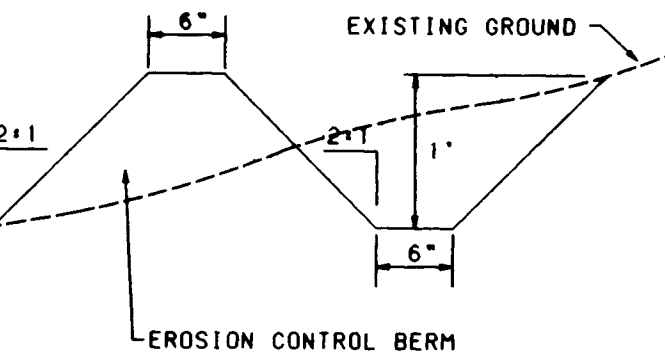
DATE 11-11-92

DATE 11-11-92

DATE 11-11-92

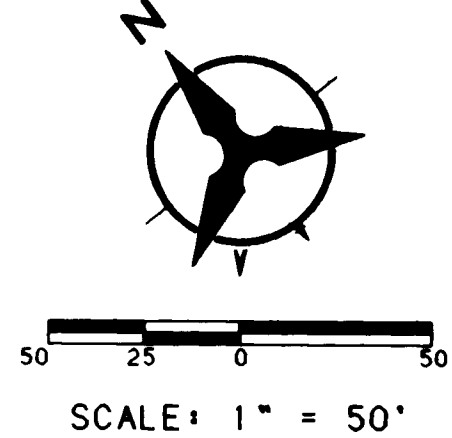


- GENERAL NOTES**
1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
 2. THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATIONS AS NOTED IN THE SOILS REPORT SUPPLIED BY CENTEX HOMES.
 3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, 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 SHEETS 28-30.
 7. FOR GRADING AND DRAINAGE DETAILS, SEE SHEET 7.
 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 30 FOR DRAIN DETAIL.



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 7.



LEGEND

PROJECT BOUNDARY	---
EXISTING CONTOUR	---
EXISTING SPOT ELEVATION	○25.42
PROPOSED SPOT ELEVATION	●25.42
DIRECTION OF FLOW	→
PHASE BOUNDARY	---
PROPOSED STEM 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	•

Note: Site grading was Certified to Gilbert Lons of Universal Contractors by letter in fall of 1992.

SWalkin
6-11-93

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 4518 900593

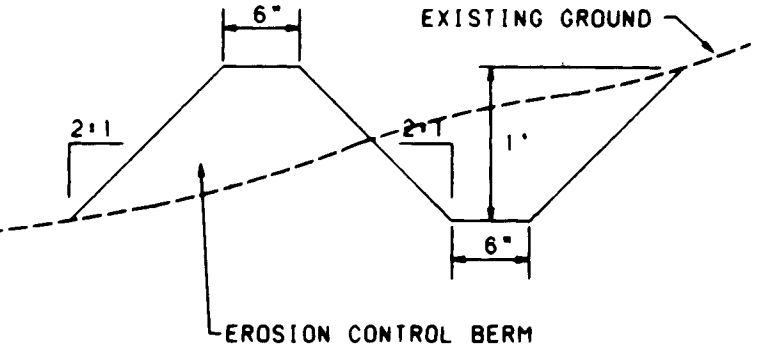
SCANNED BY LASON
BHT JOB NO. 92113.01

ENGINEER'S SEAL		AS BUILT INFORMATION	
		CONTRACTOR: J.R. Hink	
REVISIONS		DATE: 11/2/92	
NO.	DATE	REMARKS	DATE
1	7/92	DESIGN	7/92
2	7/92	DESIGN	7/92
3	7/92	DESIGN	7/92
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 DRAINAGE AND GRADING PLAN			
APPROVALS	ENGINEER	DATE	APPROVALS
D.R.C. Chair	<i>[Signature]</i>	9-9-92	WATER
TRANS. DEV.	<i>[Signature]</i>	8-18-92	WASTE WATER
HYDROLOGY	<i>[Signature]</i>	8-2-92	NMUI
PARKS			
PROJECT NO.	4518.90	MAP NO.	J-23
SHEET 5		OF 30	

Note: Site grading was Certified to Gilbert Luna of Universal Contractors by letter in fall of 1992. Walker 6-11-93

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: $\pm 0.2'$
STREET SUBGRADE: $\pm 0.2'$
ALL OTHER AREAS: $\pm 0.5'$
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 SHEETS 28-30.
7. FOR GRADING AND DRAINAGE DETAILS, SEE SHEET 7.
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.
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10. BACKYARD DRAIN TO BE PROVIDED AS DESIGNATED. PROPERTY OWNER TO MAINTAIN BACKYARD DRAIN. SEE SHEET 30 FOR DRAIN DETAIL.



EROSION CONTROL BERM

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 7.

LEGEND

- PROJECT BOUNDARY
- EXISTING CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- DIRECTION OF FLOW
- PHASE BOUNDARY
- PROPOSED STEM 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 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

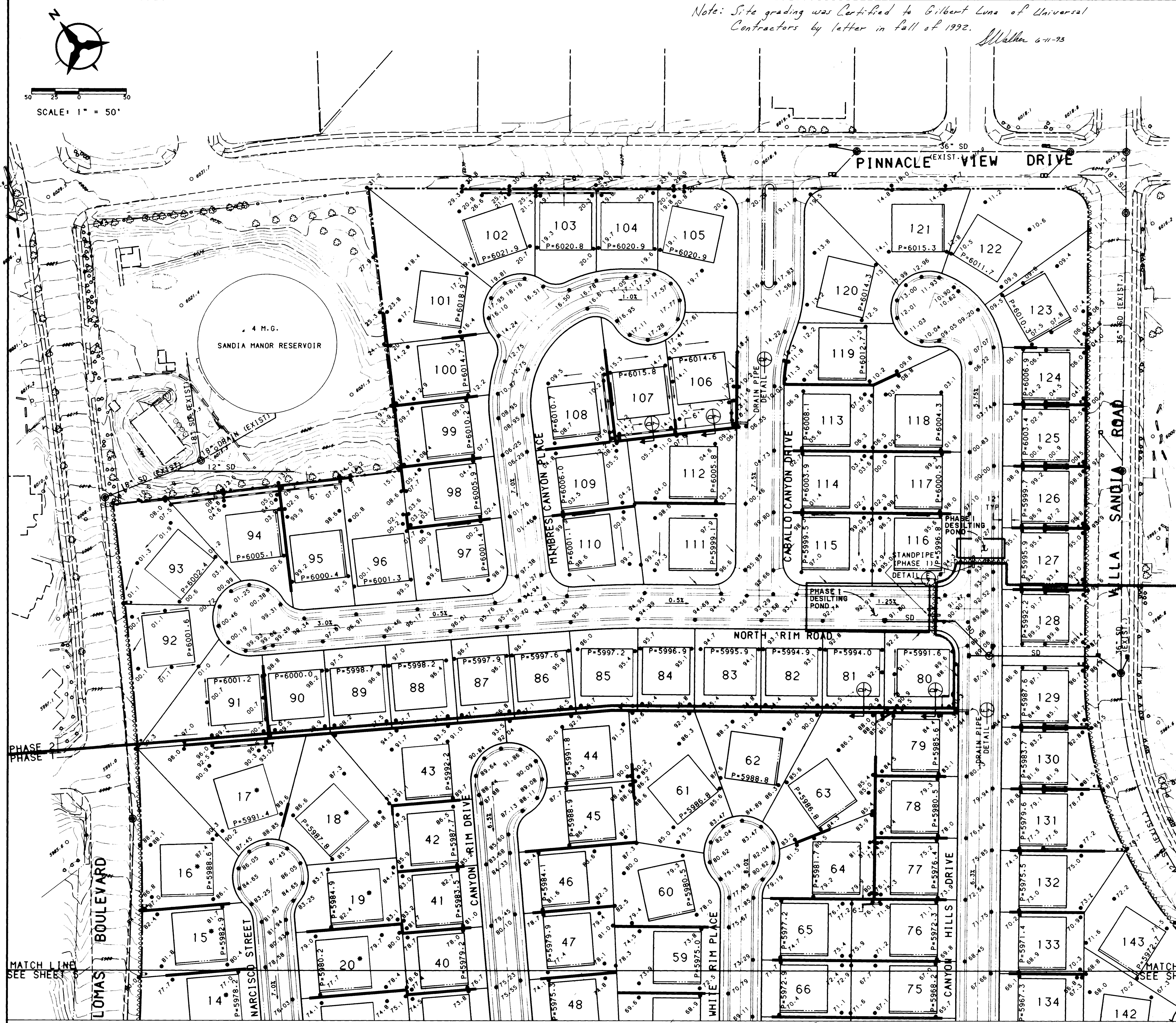


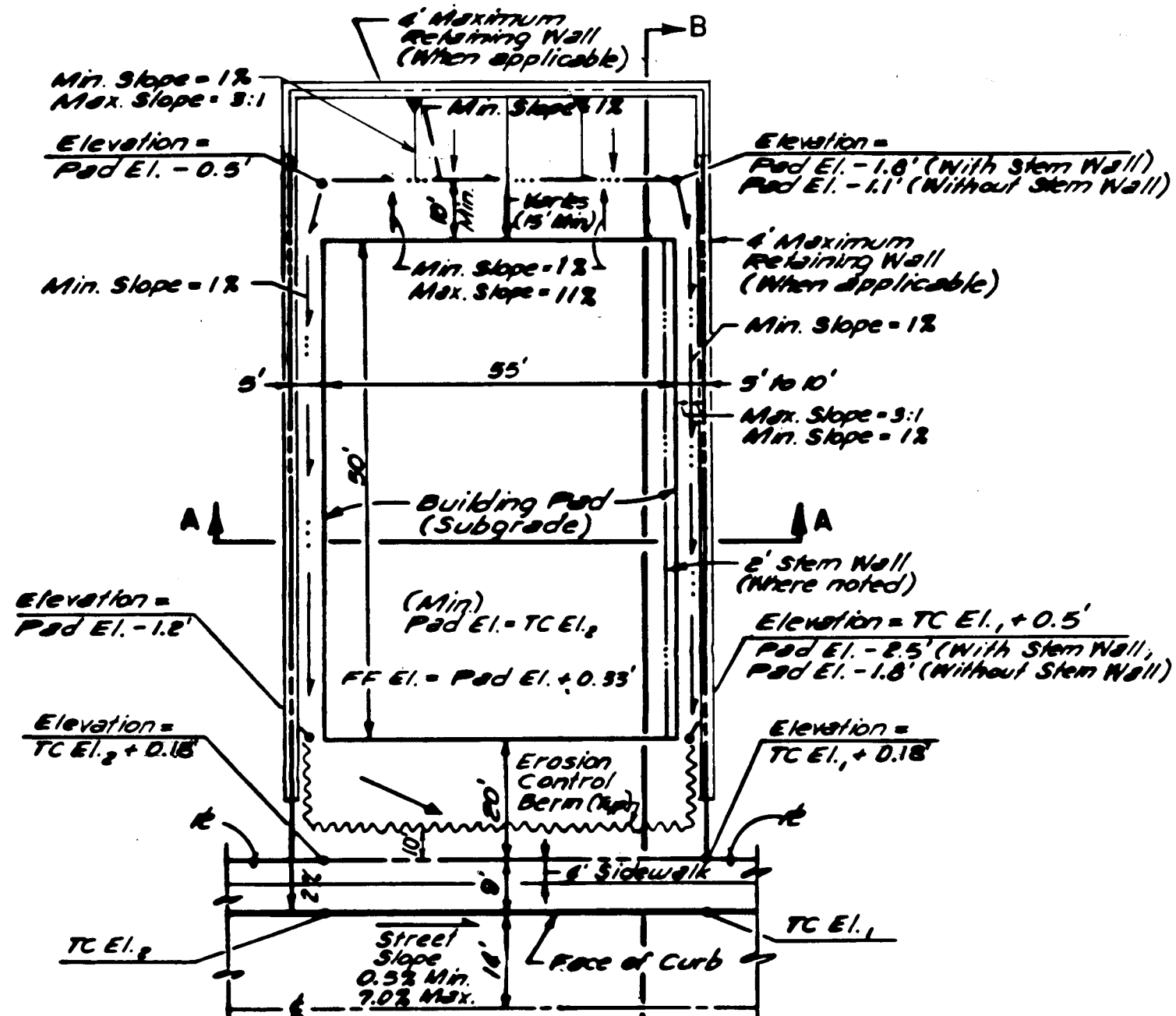
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: CANYON HILLS SUBDIVISION
DRAINAGE AND GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Ronald A. Luna	9-9-92	WATER	N/A R.W.K.	8-27-92
TRANS. DEV.	N/A	8-18-92	WASTE WATER	N/A R.W.K.	8-27-92
HYDROLOGY	C.M.	8-8-92			

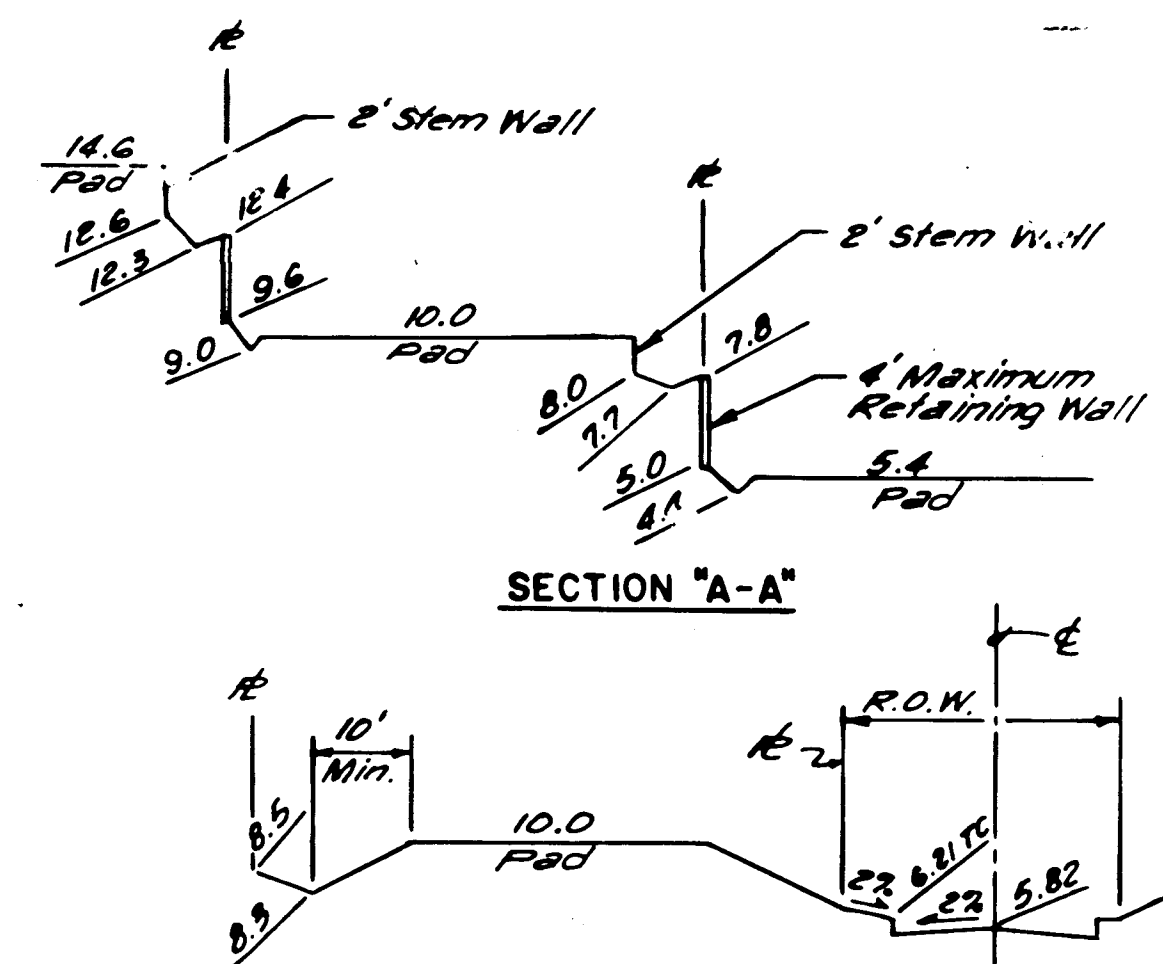
PROJECT NO.	MAP NO.	SHEET OF
4518.90	J-23	6 30



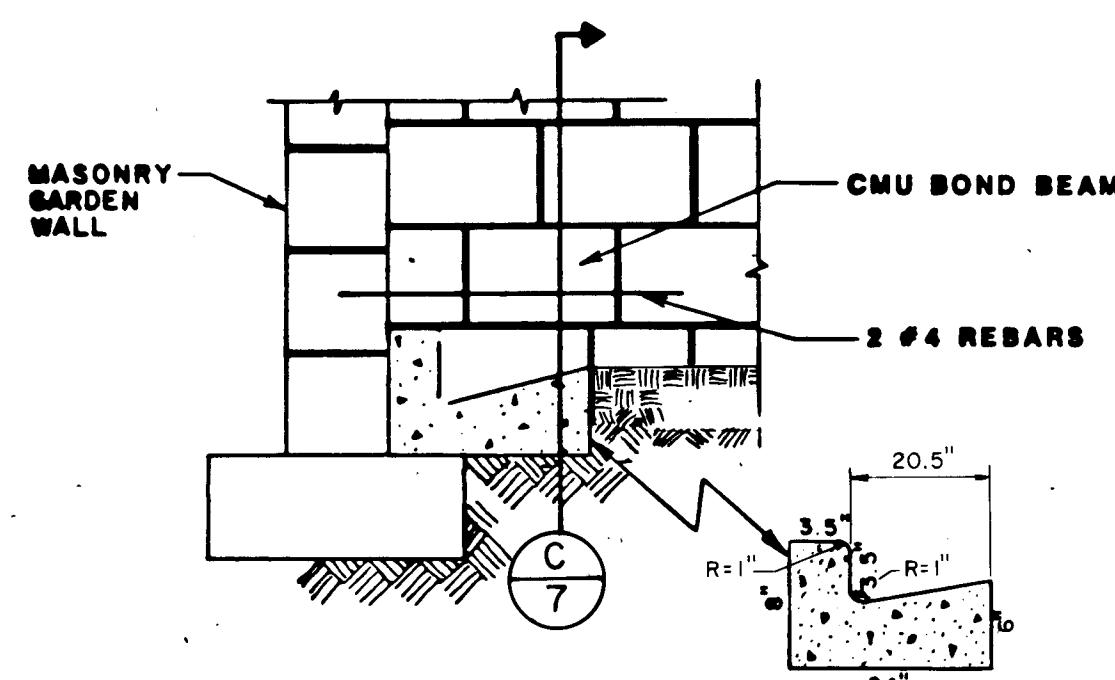


- NOTES:
1. Side and rear yard drainage allowed when side or rear yard is adjacent to R.O.W. Deep holes shall be provided in side or rear property walls when walls are adjacent to R.O.W.
 2. Driveway Slope = 10% Max.
 3. No cross-lot drainage allowed except as noted.

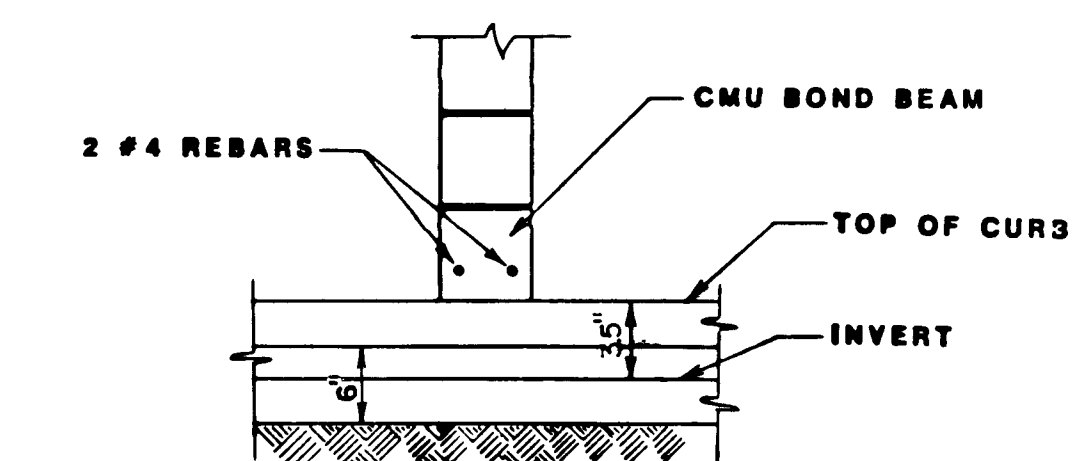
TYPICAL LOT GRADING
NOT TO SCALE



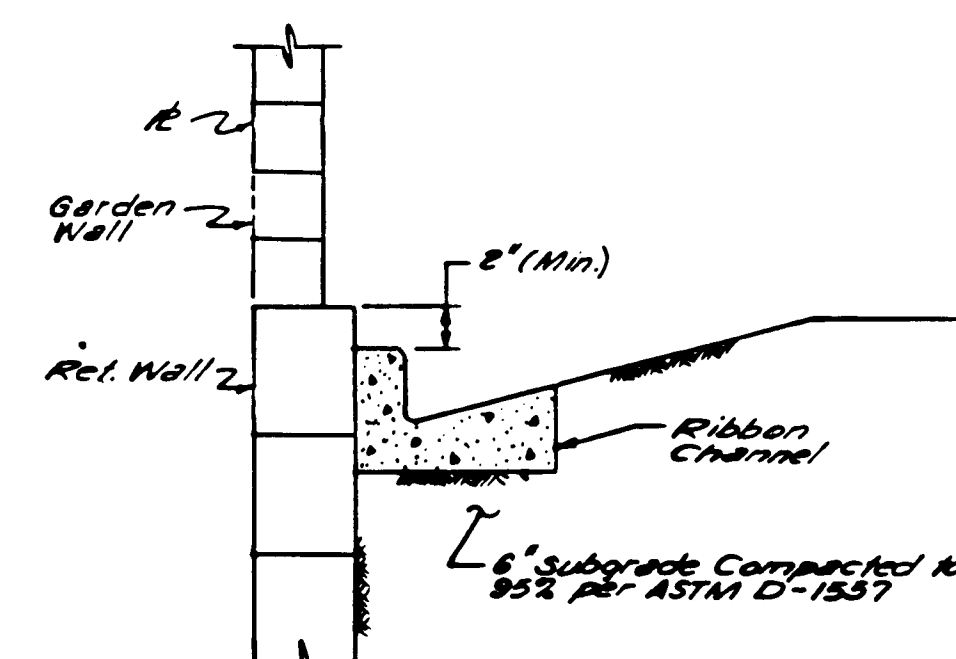
TYPICAL LOT GRADING
NOT TO SCALE



REAR YARD RUNDOWN DETAIL
NO SCALE

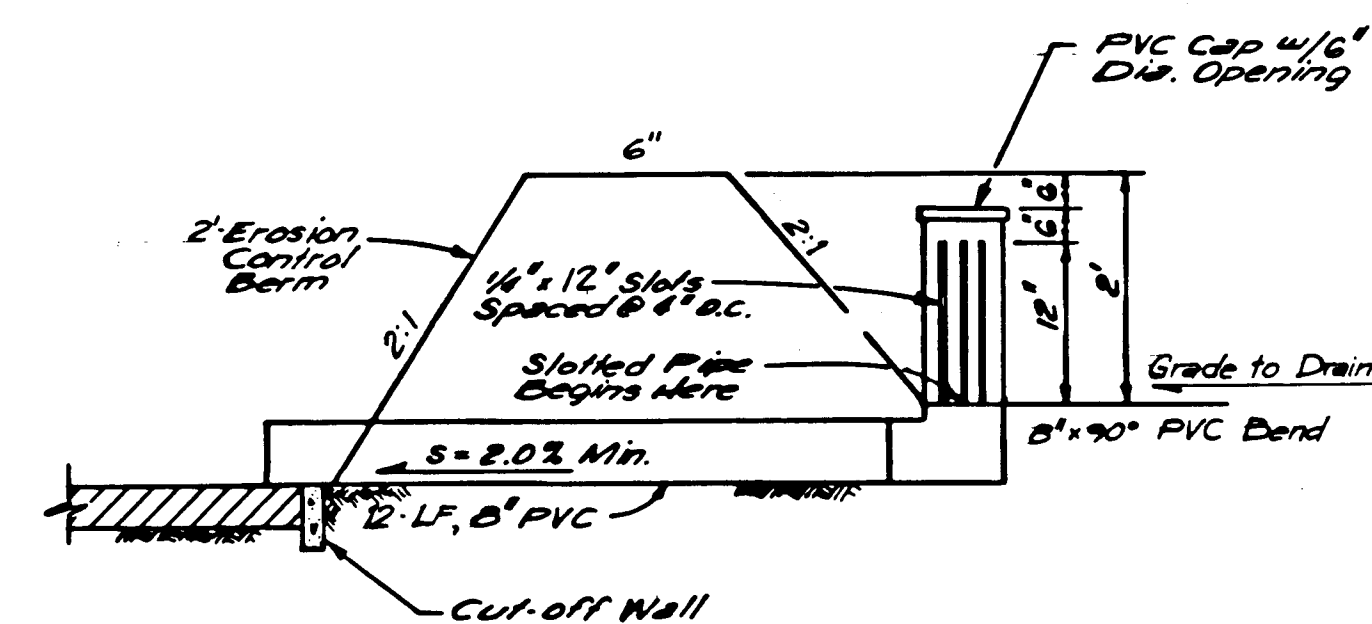
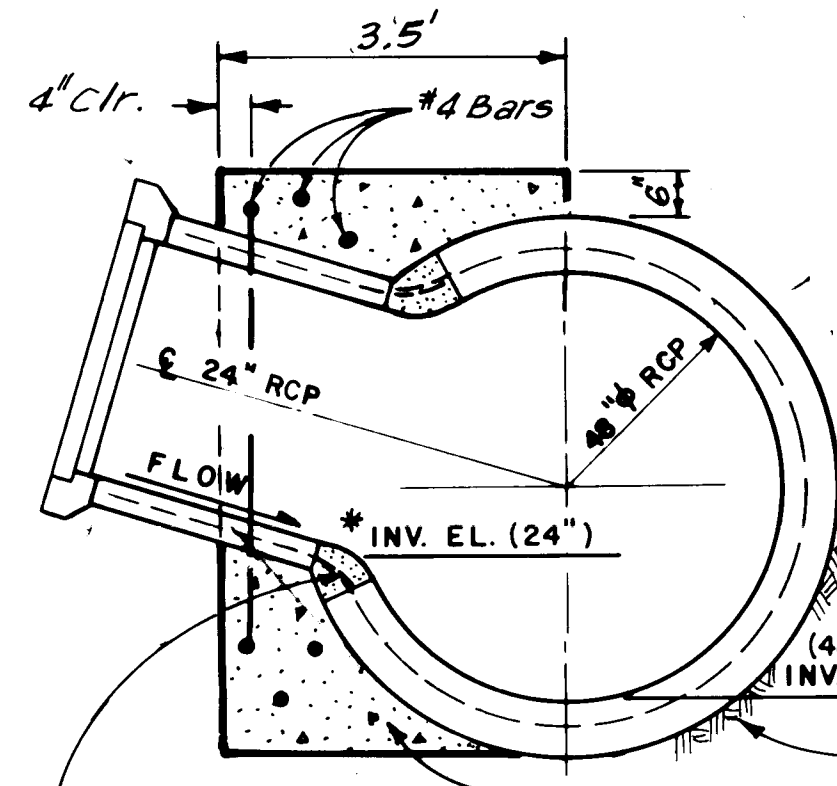
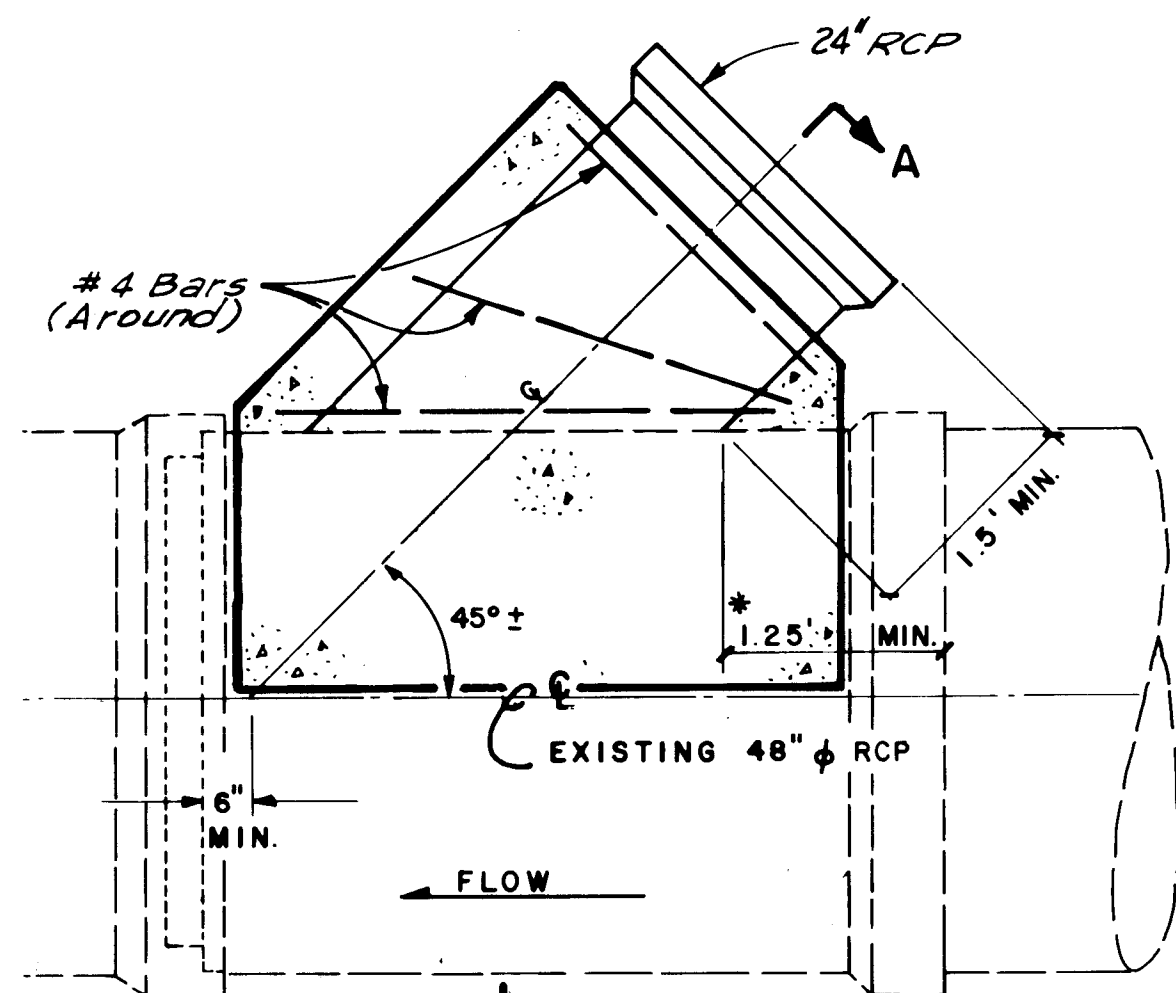


SECTION C
NO SCALE

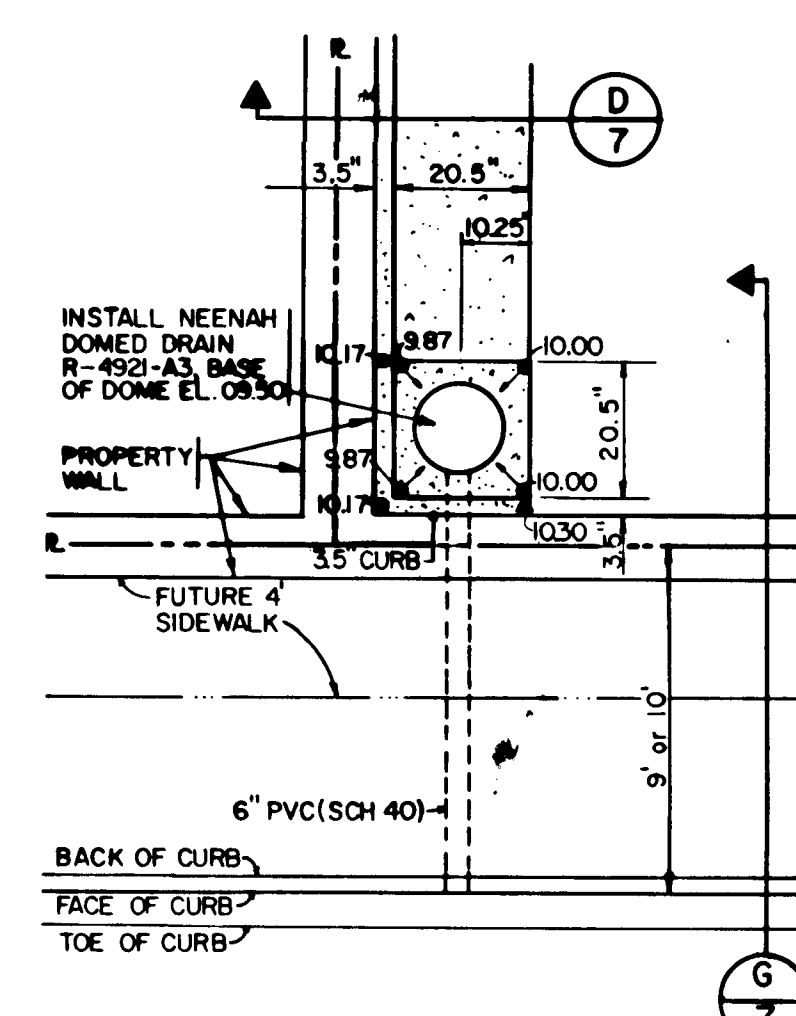


RIBBON CHANNEL SECTION D
NO SCALE

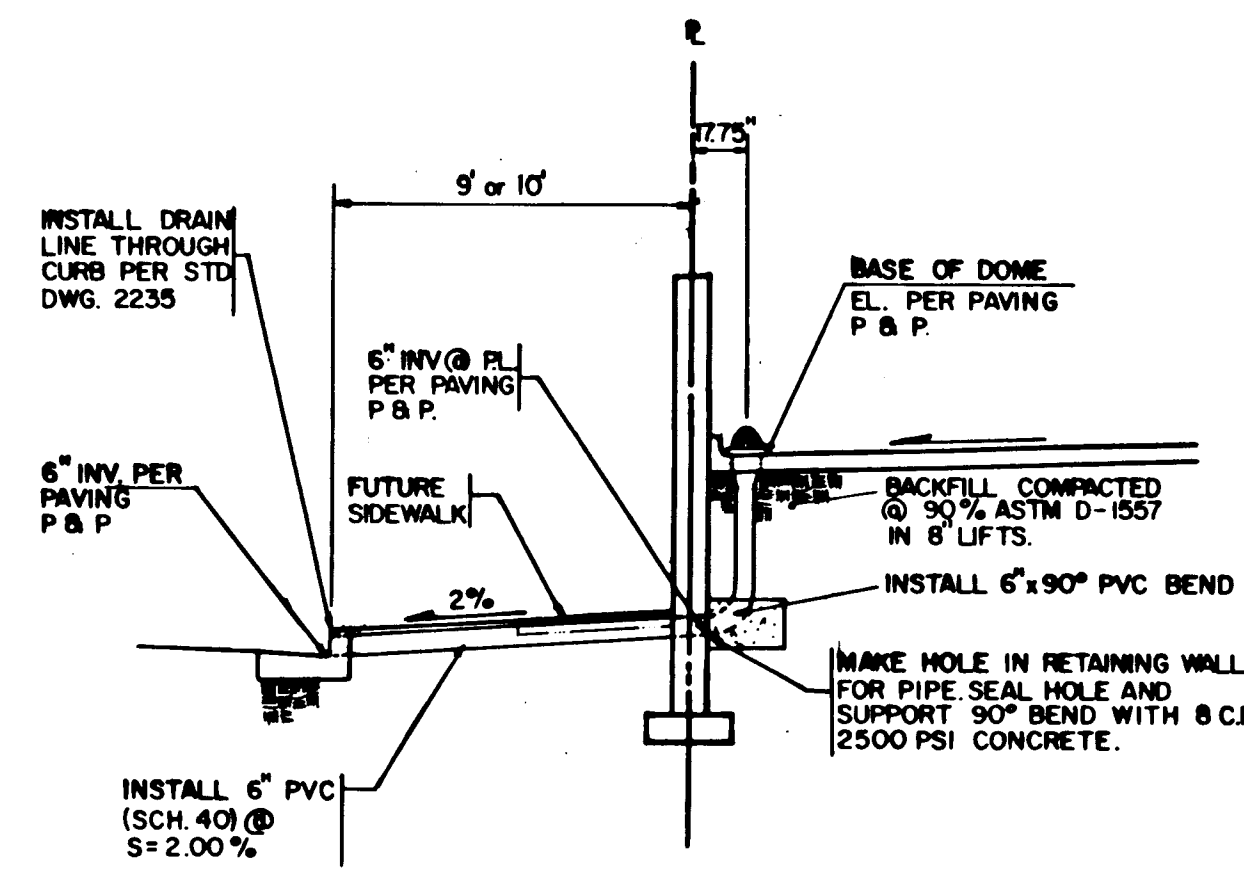
- * CONTRACTOR TO FIELD VERIFY 48" INVERT AND BELL LOCATION PRIOR TO STORM DRAIN CONSTRUCTION, AND ADJUST CONNECTOR PIPE ALIGNMENT AS REQUIRED. CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO MAKING ADJUSTMENTS.



STANDPIPE DETAIL E
NO SCALE



DRAIN PIPE PLAN F
N.T.S.



DRAIN PIPE ELEVATION G
N.T.S.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	CONTRACTOR	DATE	NO.	BY	NO.	BY
J. R. J. & S.	11/1/93	J. R. J. & S.	11/1/93				

FIELD NOTES		REVISIONS		DESIGN		DATE	
NO.	BY	NO.	BY	NO.	BY	DATE	DATE

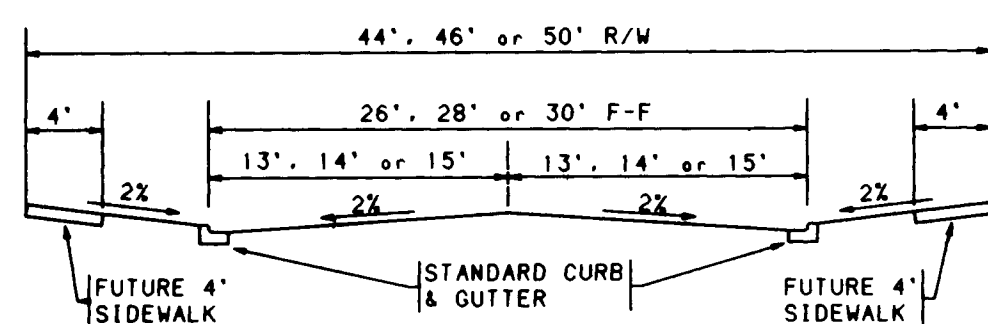


REVISIONS		DESIGN		DATE	
NO.	DATE	NO.	DATE	DATE	DATE

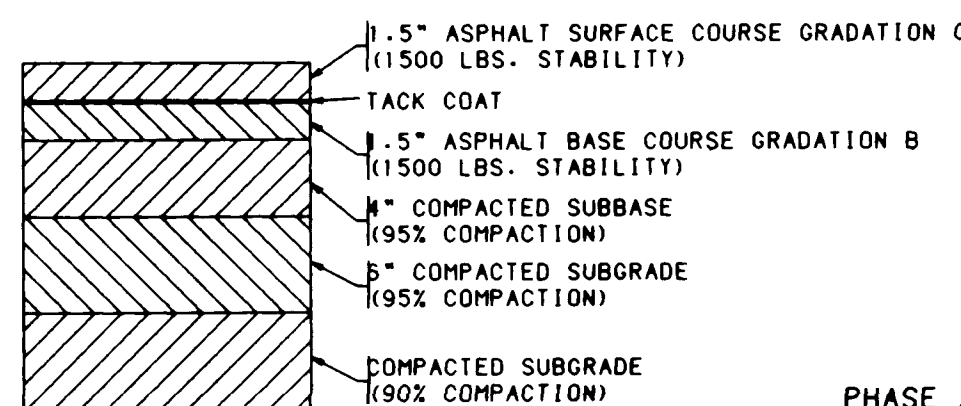
24 4518 900793

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: CANYON HILLS SUBDIVISION DRAINAGE & GRADING DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Rogel Aron	9-9-92	WATER	N/A RWK	8-27-92
TRANSPORTATION	N/A RAO	8-8-92	WASTE WATER	N/A RWK	8-27-92
HYDROLOGY	C. R. M.	8-8-92			
DRAWING NO.	4518.90	MAP NO.	J-23	SHEET	7 OF 30

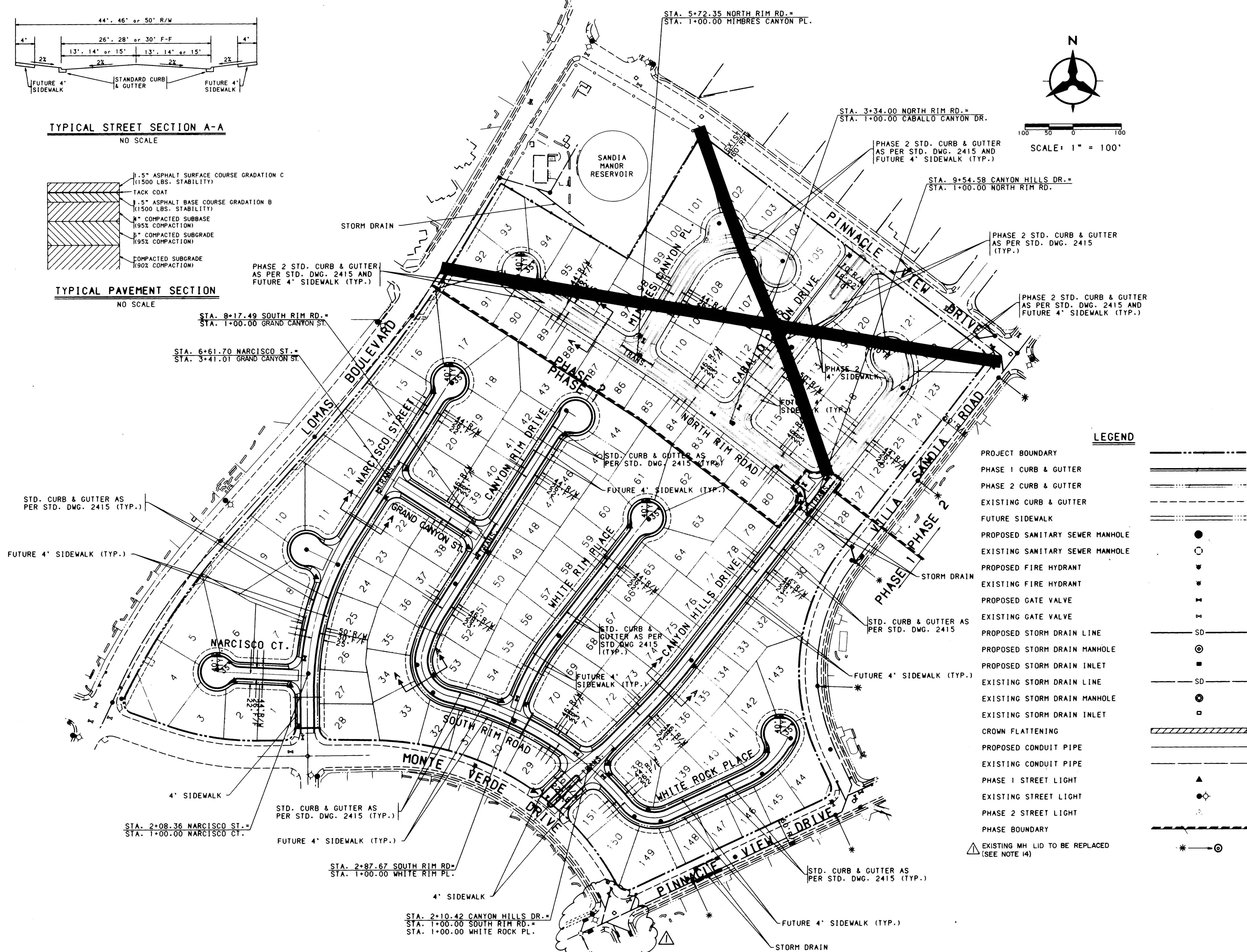
SCANNED BY LASON



TYPICAL STREET SECTION A-A
NO SCALE



TYPICAL PAVEMENT SECTION
NO SCALE



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	SD ---
PROPOSED STORM DRAIN MANHOLE	●
PROPOSED STORM DRAIN INLET	+
EXISTING STORM DRAIN LINE	SD ---
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	---
EXISTING MH LID TO BE REPLACED (SEE NOTE 14)	* → ○

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4"x4"x5" POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
13. THE FOLLOWING PERSONS SHALL BE NOTIFIED AT LEAST TWO BUSINESS DAYS PRIOR TO INSTALLING UTILITY CONDUIT CROSSINGS:

COMPANY	PHONE	CONTACT
PHM	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.

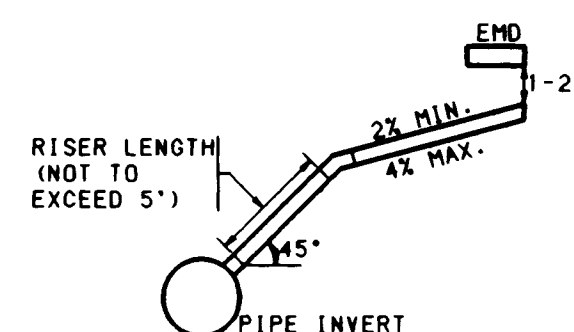
14. THE CONTRACTOR SHALL REMOVE AND REPLACE SELECTED EXISTING STORM DRAIN MANHOLE LIDS WITH VENTED LIDS PER NEENAH R-1664 OR APPROVED EQUAL. THE LIDS TO BE REPLACED ARE ON THE STORM DRAIN MANHOLES WITHIN PINNACLE VIEW DRIVE, FROM THE WESTERLY CUL-DE-SAC AT THE LOMAS DESILTING BASIN, TO VILLA SANDIA ROAD FROM PINNACLE VIEW DRIVE TO PINNACLE VIEW DRIVE. TOTAL LIDS TO BE REPLACED: 8

26 4518.900893

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE: CANYON HILLS SUBDIVISION OVERALL PAVING PLAN			
APPROVALS	ENGINEER	DATE	ENGINEER
D.R.C. Chair	8/27/92	8/27/92	8/27/92
TRANS. DEV.	8/27/92	8/27/92	8/27/92
HYDROLOGY	8/27/92	8/27/92	8/27/92
PROJECT NO.	4518.90	MAP NO.	J-23
SHEET	8	OF	30

TYPICAL UTILITY SERVICE LOCATION

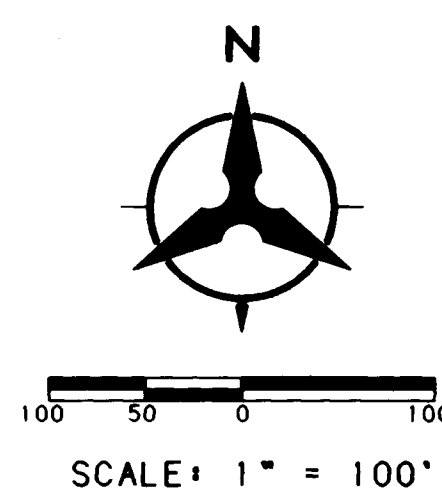
NO SCALE



SERVICE RISER DETAIL

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

USERNAME: CDP\9211301.PAD
FILENAME: UTILITY.GRF



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	—S—
PROPOSED WATER LINE	—W—
EXISTING WATER LINE	—W—
PROPOSED WATER METER SERVICE	—WM—
PROPOSED STORM DRAIN LINE	—SD—
EXISTING STORM DRAIN LINE	—SD—
PHASE BOUNDARY	---

NOTES

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11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SANDCUT ONLY).
12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
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	ELFEBO GARCIA
GAS CO.	761-7770	LEO APODACA
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 NON-PRESSURE CONNECTION	1011, A102
B. PINNACLE VIEW NON-PRESSURE CONNECTION	922, 520C



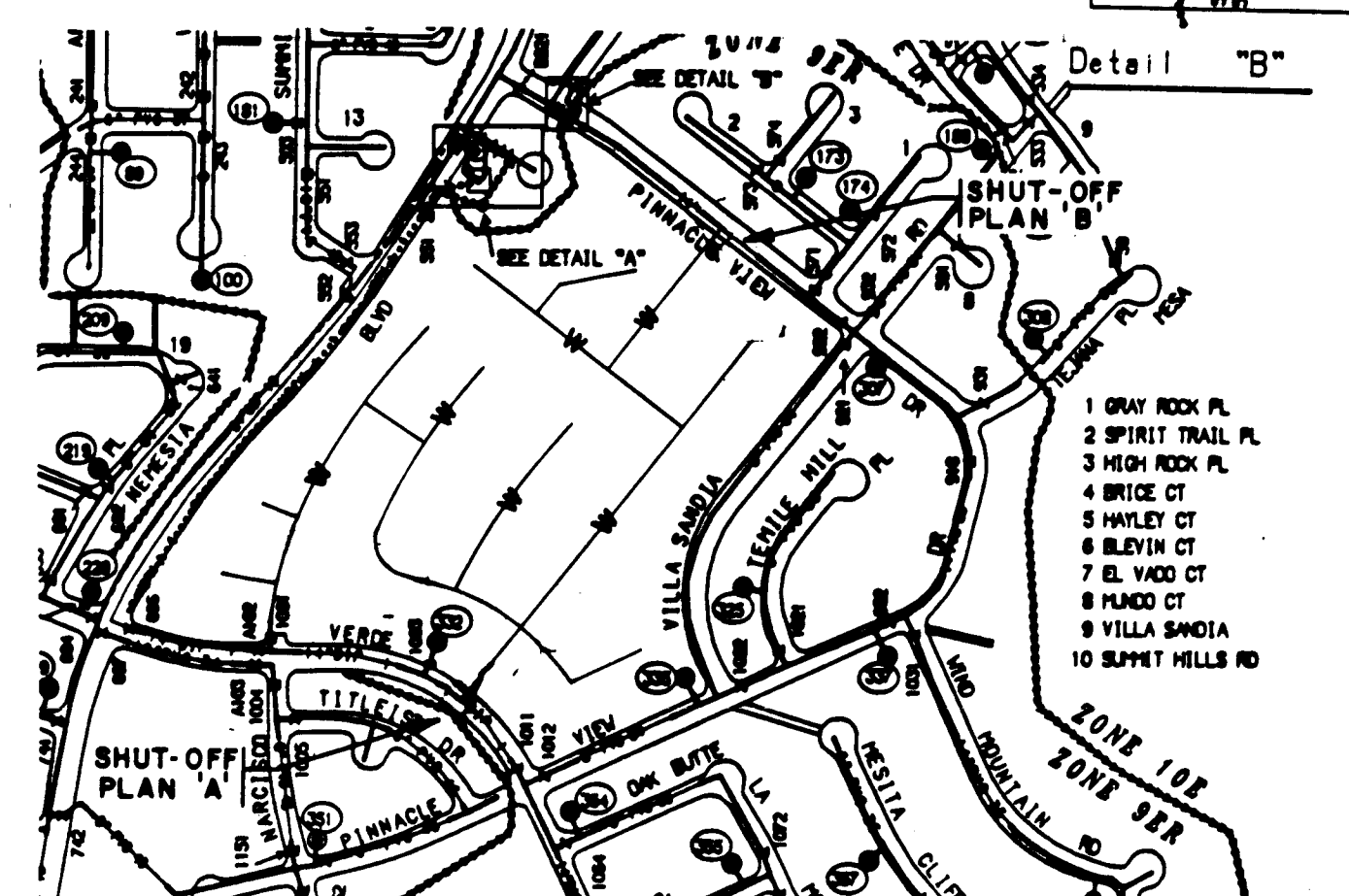
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: CANYON HILLS SUBDIVISION
OVERALL UTILITY PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	R.W. Kane	9-9-92	WATER	R.W. Kane	8-27-92
TRANS. DEV.	N.R. RHO	8-8-92	WASTE WATER	R.W. Kane	8-27-92
HYDROLOGY	C.M.	8-8-92			

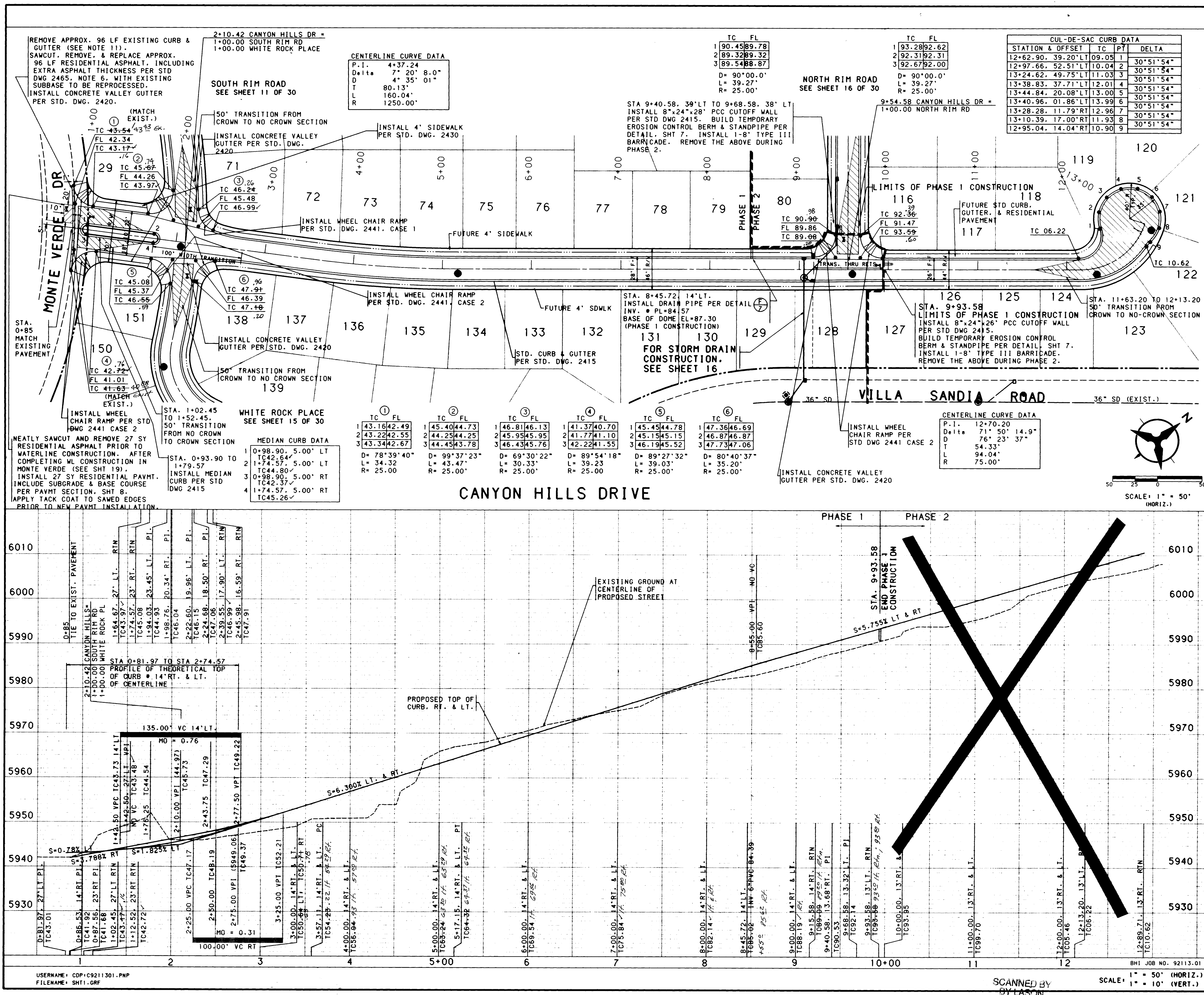
PROJECT NO.	MAP NO.	SHEET OF
4518.90	J-23	9 30

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEERS SEAL	
CONTRACTOR	DATE	INSPECTOR	DATE	FIELD NOTES	BY	NO.	DATE
J.R. Price	8-27-92	Walker	8-27-92				
THE BENCHMARK IS THE ACS STATION 21-J23.							
ELEV. 6017.266. MONUMENT IS AN ALUMINUM DISK							
EXPLOD 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.							
MICRO-FILM INFORMATION		RECORD BY		NO.		DATE	



SCANNED BY
BY LASON

BHI JOB NO. 92113.01



NOTES

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AS BUILT INFORMATION

CONTRACTOR	J.R. Walker	DATE	10/1/93
INSPECTOR'S	W. Walker	DATE	10/1/93
ACCEPTANCE BY	K. Romo	DATE	10/1/93
VERIFICATION BY	L.R.	DATE	10/1/93
DRAWN BY	W. Walker	DATE	10/1/93
RECORDED BY	W. Walker	DATE	10/1/93

ENGINEERS SEAL

STEPHEN E. WALKER
PROFESSIONAL SURVEYOR
6-11-93

REVISIONS

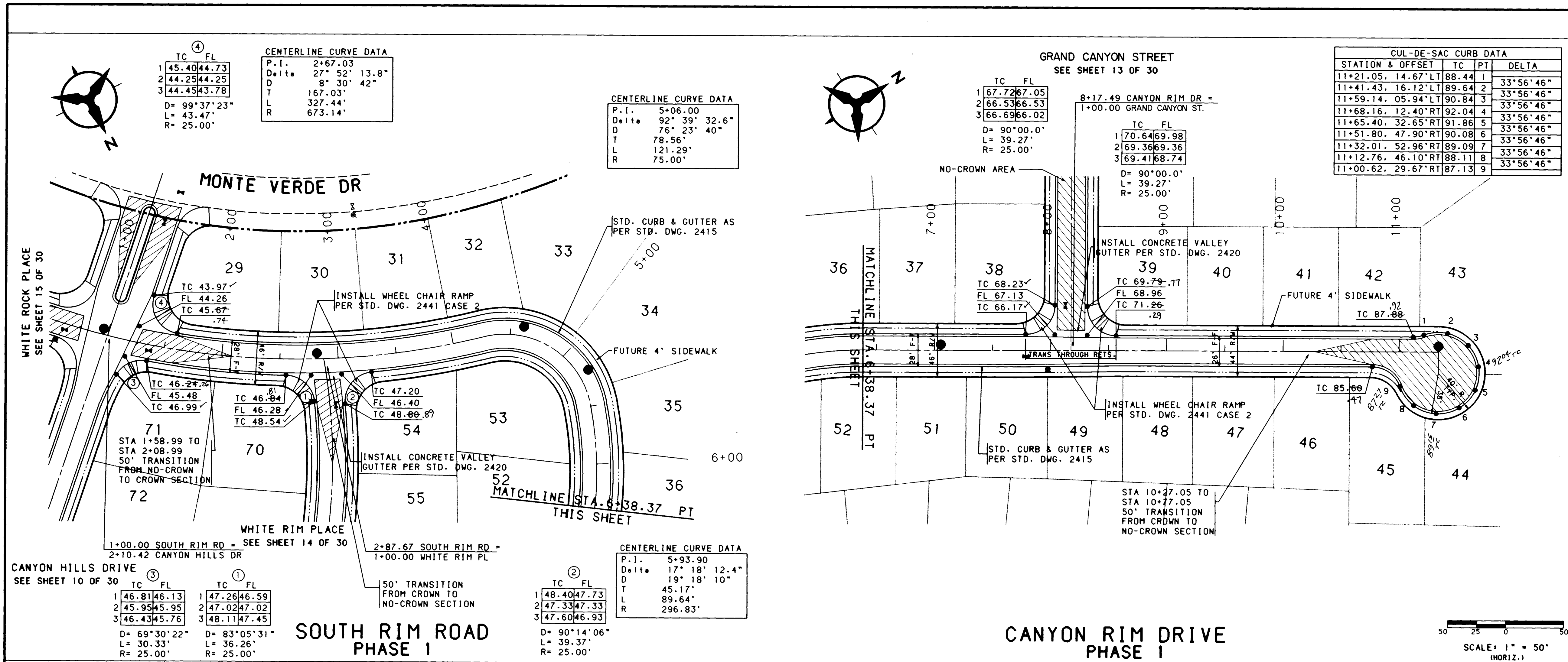
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100	10/1/93	DESIGN

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP**

**TITLE: CANYON HILLS SUBDIVISION
PAVING PLAN & PROFILE
CANYON HILLS DRIVE**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	R. Walker	9-9-92	WATER	NA RWK	8-27-92
TRANS. DEV.	R. Walker	8-8-92	WASTE WATER	NA RWK	8-27-92
HYDROLOGY	C.R.N.	7-8-92			

PROJECT NO. 4518.90 MAP NO. J-23 SHEET 10 OF 30



NOTES

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AS BUILT INFORMATION

CONTRACTOR	DATE	BY	DATE
J.R. Hall	11/14/93		

BEACH MARKS

NO.	DATE	BY	DATE

SURVEY INFORMATION

NO.	DATE	BY	DATE

ENGINEERS SEAL

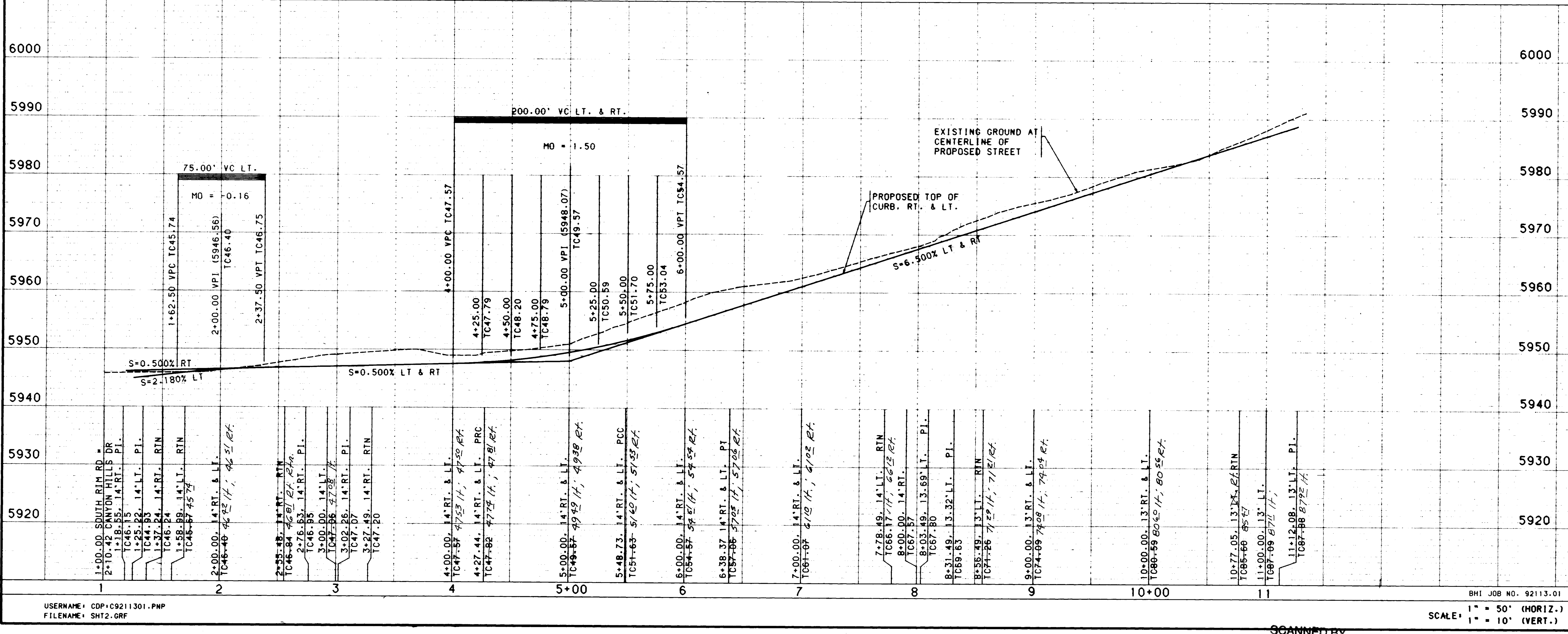
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP

TITLE: CANYON HILLS SUBDIVISION PAVING PLAN & PROFILE SOUTH RIM ROAD/CANYON RIM DRIVE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	9-9-92	WATER	N/A	RWK	8-27-92
TRANS. DEV.	8-18-92	WASTE WATER	N/A	RWK	8-27-92
HYDROLOGY	8-28-92				

DESIGNED BY RLB **DATE** 7/92 **CHECKED BY** RLB **DATE** 7/92

PROJECT NO. 4518.90 **MAP NO.** J-23 **SHEET** 11 **OF** 30

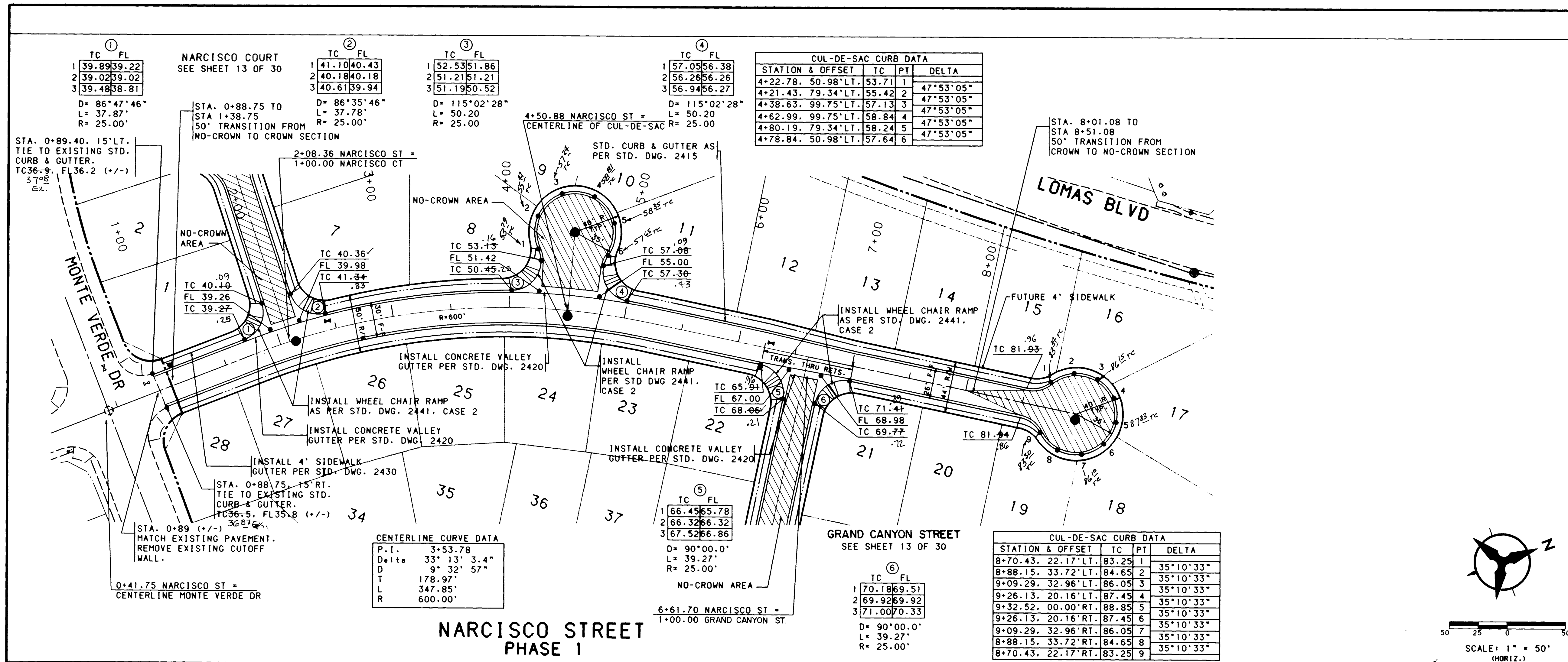


REVISIONS

NO.	DATE	BY	REMARKS

DESIGNED BY RLB **DATE** 7/92 **CHECKED BY** RLB **DATE** 7/92

PROJECT NO. 4518.90 **MAP NO.** J-23 **SHEET** 11 **OF** 30



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AS BUILT INFORMATION

CONTRACTOR	DATE	BY

BENCH MARKS

NO.	DATE	BY

FIELD NOTES

NO.	DATE	BY

ENGINEER'S SEAL

REVISIONS

NO.	DATE	REMARKS

DESIGNED BY RLB **DATE** 7/92
DRAWN BY NH/SAR **DATE** 7/92
CHECKED BY RLB **DATE** 7/92

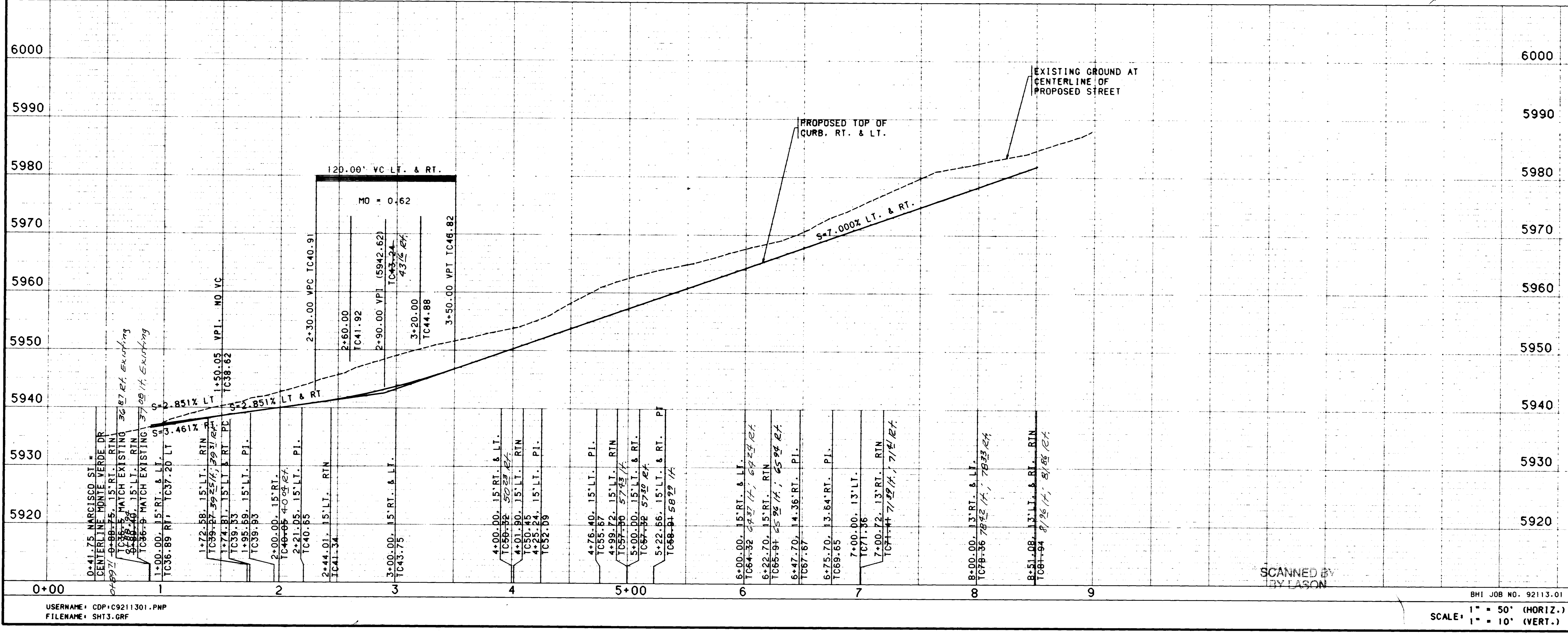
CITY OF ALBUQUERQUE
PUBLIC WORKS DIVISION
ENGINEERING GROUP

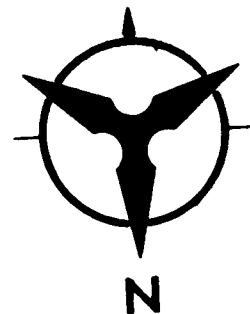
TITLE: CANYON HILLS SUBDIVISION
PAVING PLAN & PROFILE
NARCISCO STREET

APPROVALS

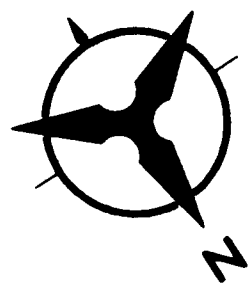
ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	9-9-92	WATER	N/A RWK	8-27-92
TRANS. DEV.	8-18-92	WASTE WATER	N/A RWK	8-27-92
HYDROLOGY	CAM	9-8-92		

PROJECT NO. 4518.90 **MAP NO.** J-23 **SHEET** 12 **OF** 30





TC	FL
1 38.89	39.22
2 39.02	39.02
3 39.48	38.81
D= 86°47'46"	
L= 37.87'	
R= 25.00'	



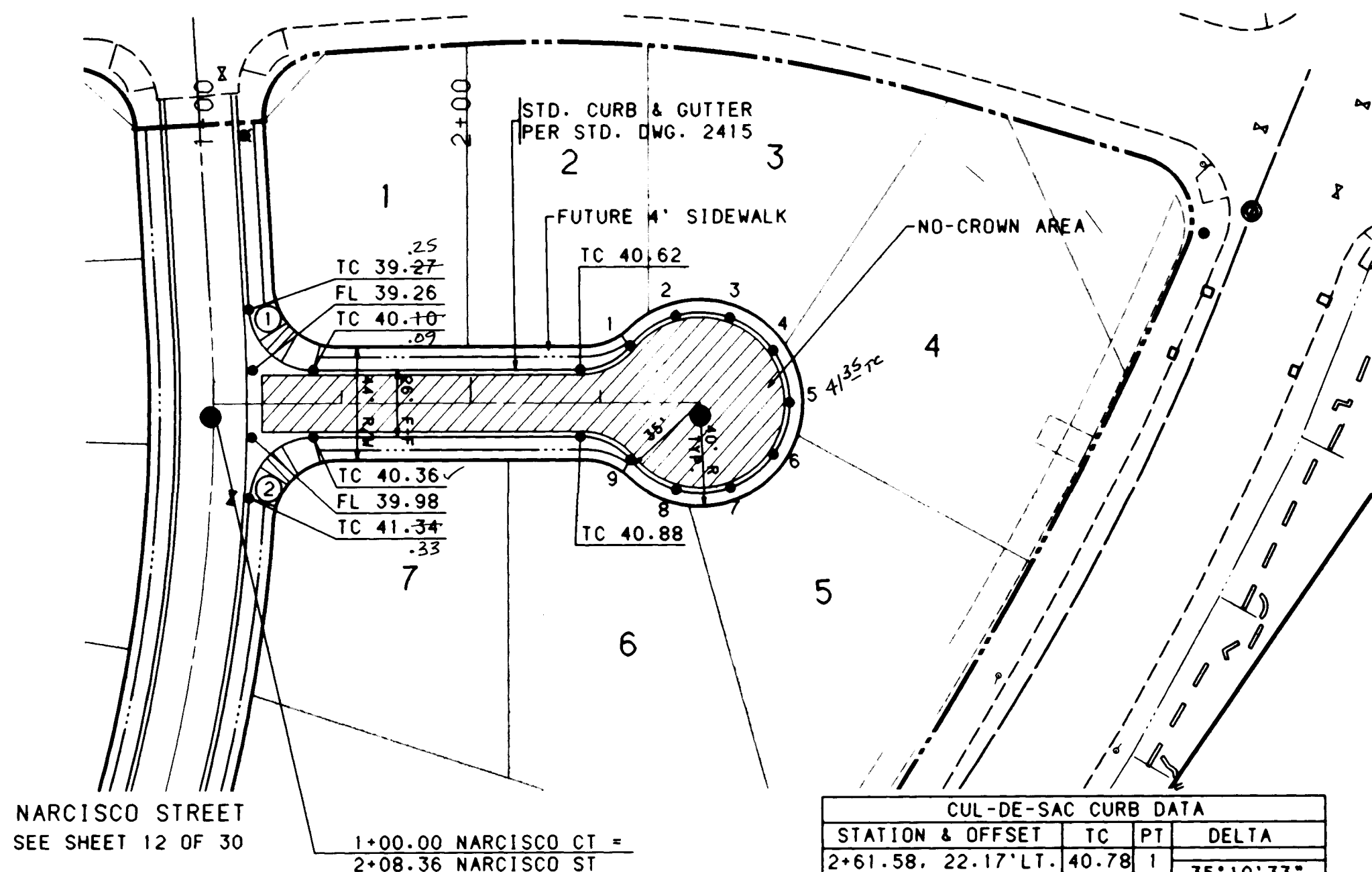
TC	FL
1 67.72	67.05
2 66.53	66.53
3 66.69	66.02
D= 90°00'0"	
L= 39.27'	
R= 25.00'	

TC	FL
1 66.45	65.78
2 66.32	66.32
3 67.52	66.86
D= 90°00'0"	
L= 39.27'	
R= 25.00'	

NARCISCO STREET
SEE SHEET 12 OF 30

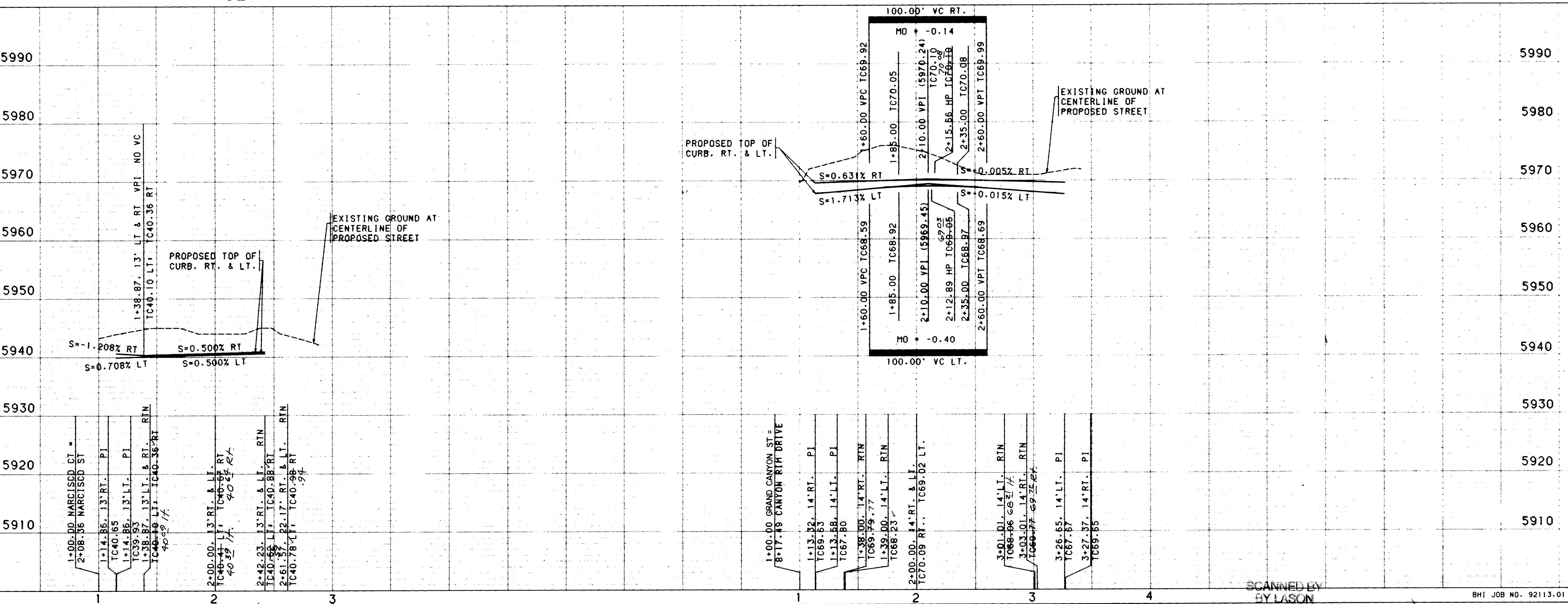
CANYON RIM DRIVE
SEE SHEET 11 OF 30

STD. CURB & GUTTER
PER STD. DWG. 2415



NARCISCO COURT PHASE 1

GRAND CANYON STREET PHASE 1



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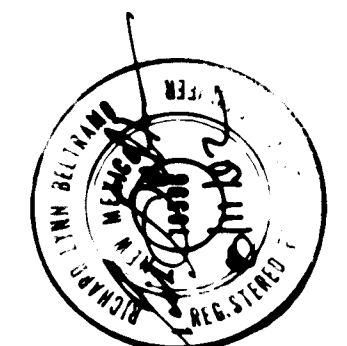
SCALE: 1" = 50'
(HORIZ.)

AS BUILT INFORMATION			
CONTRACTOR	J.B. HALL	DATE	11/23/93
DESIGNED BY	W. Walker	DATE	11/23/93
INSP. BY	W. Walker	DATE	11/23/93
FIELD VERIFICATION BY	W. Walker	DATE	11/23/93
RECORDED BY	W. Walker	DATE	11/23/93
MICRO-FILM INFORMATION			
NO.		DATE	

BENCH MARKS			
THE BENCHMARK IS THE ACS STATION 21-223.			
ELEV. 6017.266.			
EXPLORED TO THE TOP OF THE CURB AT THE ENE CORNER OF THE INTERSECTION OF PINNACLE VIEW AND VILLA SANDIA ROAD N.E.			

SURVEY INFORMATION			
FIELD NOTES	DATE	BY	NO.

ENGINEERS SEAL			
DESIGNED BY	RLB	DATE	7/92
DRAWN BY	NT.SAR	DATE	7/92
CHECKED BY	RLB	DATE	7/92

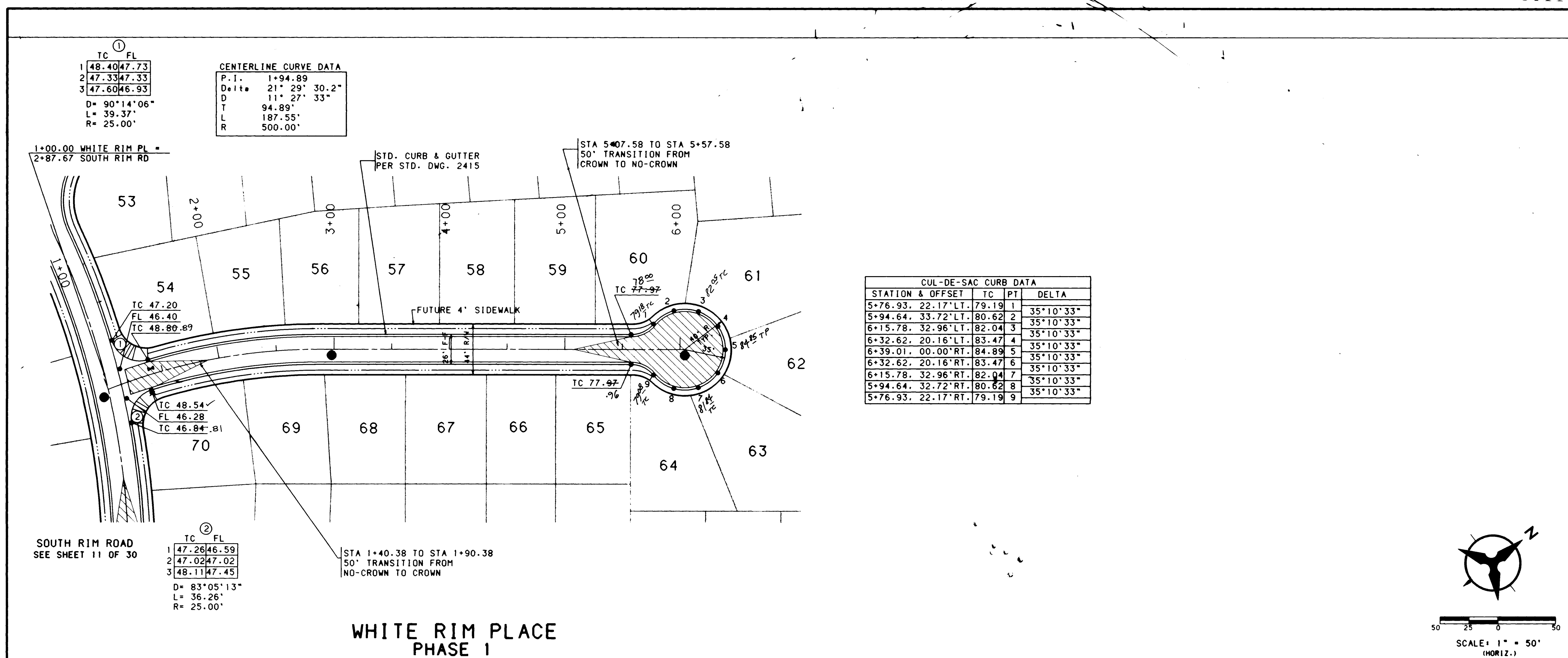


"AS BUILT" (FOR CONSTRUCTION AND VERTICAL LOCATION ONLY)



26 4518.90 13 93

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: CANYON HILLS SUBDIVISION PAVING PLAN & PROFILE NARCISCO COURT/BANDELIER STREET					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chief	W. Walker	9-9-92	WATER	N/A	RWK 8-27-92
TRANS. DEV.	W. Walker	9-9-92	WASTE WATER	N/A	RWK 8-27-92
HYDROLOGY	CAM	9-9-92			
PROJECT NO. 4518.90		MAP NO. J-23		SHEET 13 OF 30	



NOTES

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AS BUILT INFORMATION

CONTRACTOR	DATE	BY	DATE	BY

BENCH MARKS

NO.	DATE	BY	DATE	BY

SURVEY INFORMATION

NO.	DATE	BY	DATE	BY

ENGINEERS SEAL

REVISIONS

NO.	DATE	REVISIONS

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

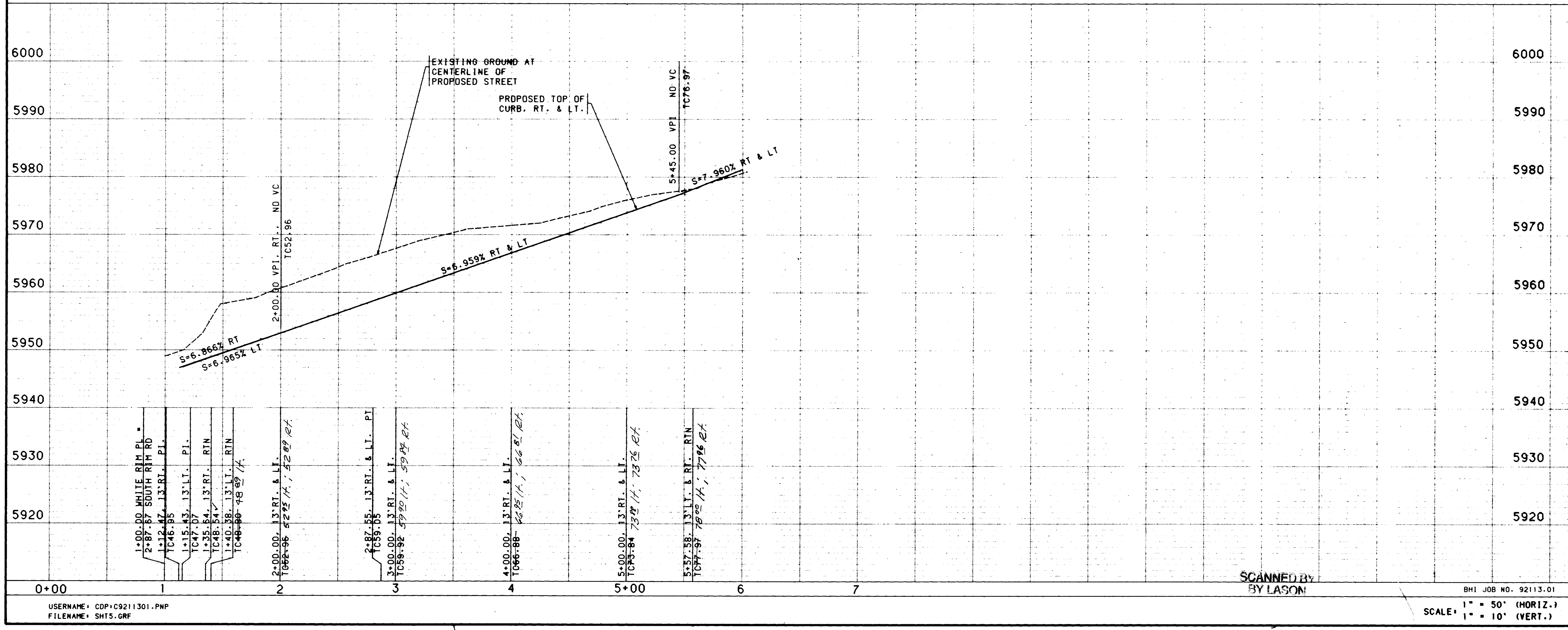
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

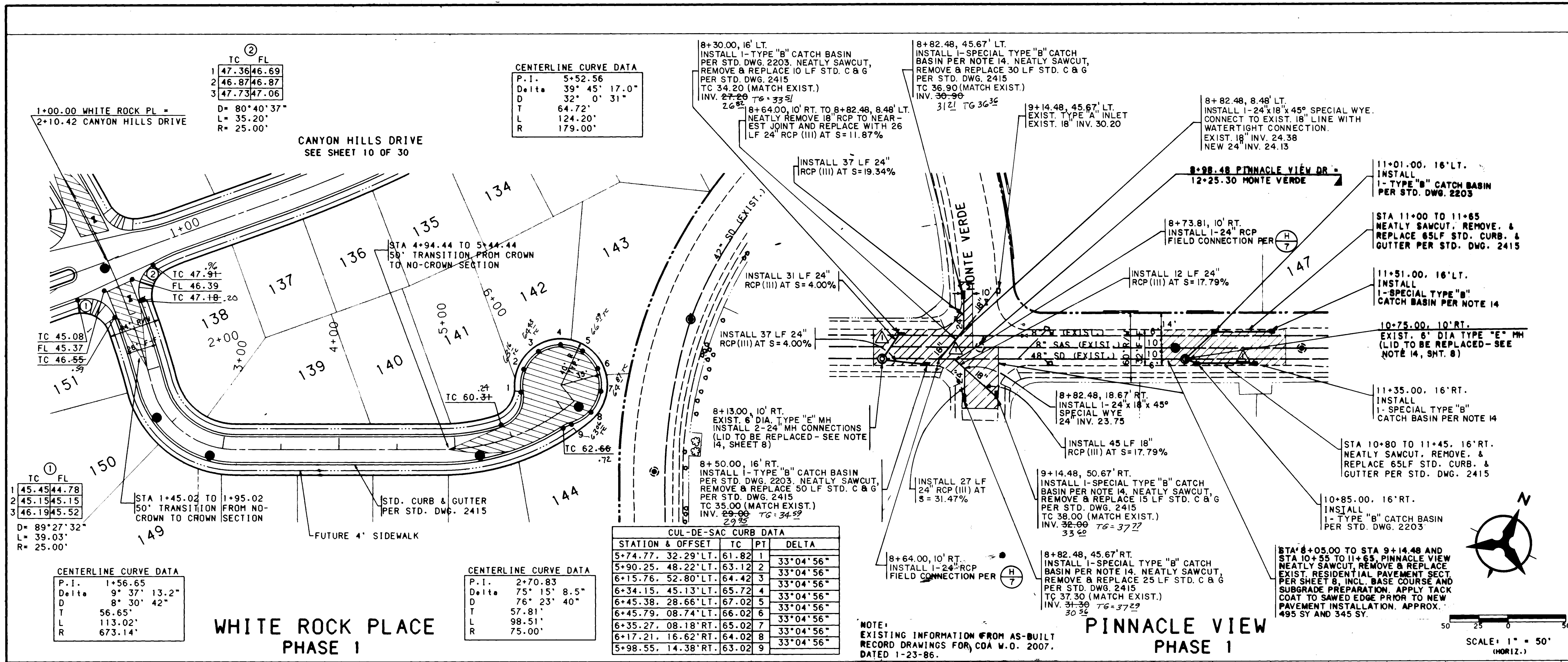
TITLE: CANYON HILLS SUBDIVISION
PAVING PLAN & PROFILE
WHITE RIM PLACE

APPROVALS

ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	9.9.92	WATER	N/A RWF	8-27-92
TRANS. DEV.	9.8.92	WASTE WATER	N/A RWF	8-27-92
HYDROLOGY	9-8-92			

PROJECT NO. 4518.90 **MAP NO.** J-23 **SHEET** 14 **OF** 30





NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADIUS SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
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- ALL STORM INLET GRATES SHALL BE THE ALTERNATE GRATE PER STD. DWG. 2221.
- SPECIAL TYPE "B" CATCH BASIN SHALL CONSIST OF A TYPE "B" CATCH BASIN PER STD. DWG. 2203 WITH A TYPE "A" 4" UP-STREAM CURB OPENING PER STD. DWG. 2201 AND PER SECTION E-E STD. DWG. 2202.

AS BUILT INFORMATION

CONTRACTOR	DATE	INSPECTOR	DATE
AS BUILT	11/11/93	AS BUILT	11/11/93

ENGINEERS SEAL

REVISIONS

NO.	DATE	REMARKS
1	9-28-92	REVISED STORM DRAIN (CHANGE ORDER 1)

DESIGNED BY RLB **DATE** 7/92
DRAWN BY M.SAR **DATE** 7/92
CHECKED BY RLB **DATE** 7/92

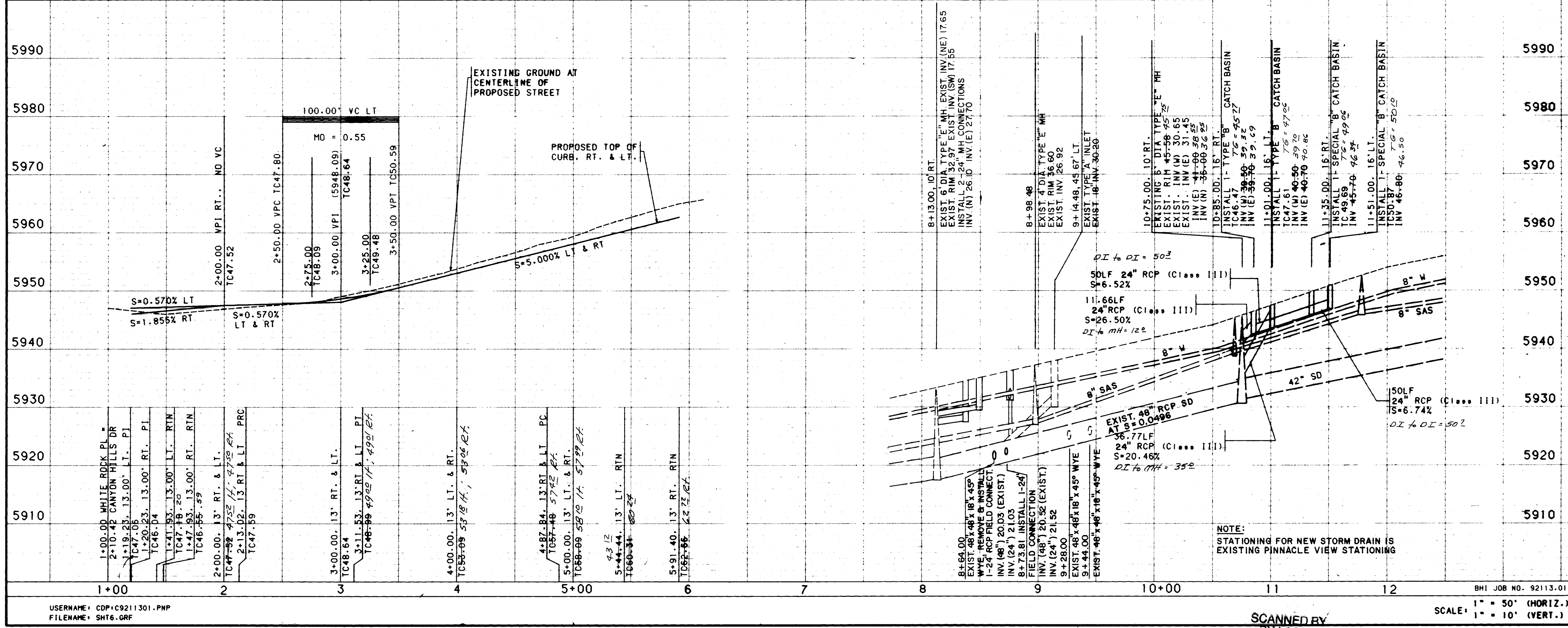
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

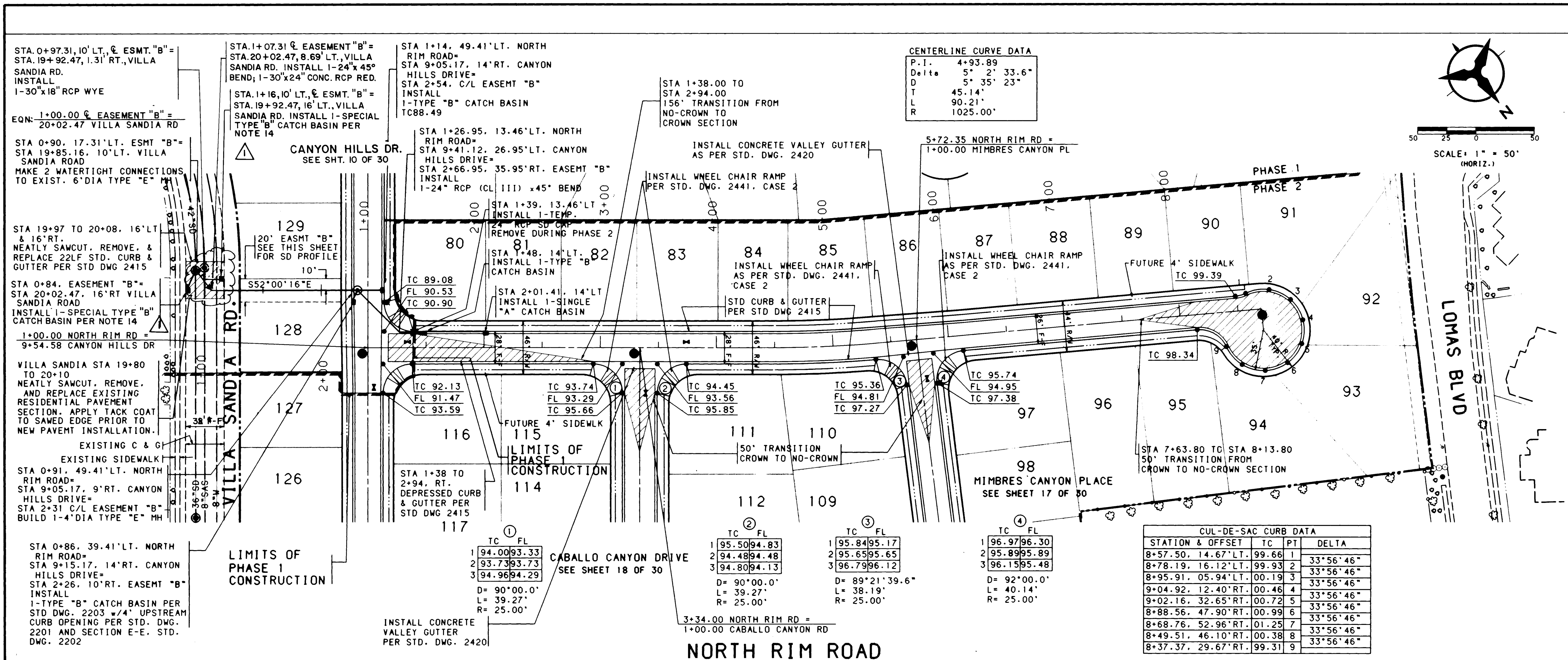
TITLE: CANYON HILLS SUBDIVISION
PAVING AND STORM DRAIN PLAN & PROFILE
WHITE ROCK PLACE/PINNACLE VIEW DRIVE

APPROVALS

ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	9-9-92	WATER	N/A	8-27-92
TRANS. DEV.	8-19-92	WASTE WATER	N/A	8-27-92
HYDROLOGY	8-2-92			

PROJECT NO. 4518.90 **MAP NO.** J-23 **SHEET** 15 **OF** 30





NOTES

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AS BUILT INFORMATION

CONTRACTOR	DATE	INSPECTOR	DATE
TRC	11/14/93	Walker	11/14/93

BENCH MARKS

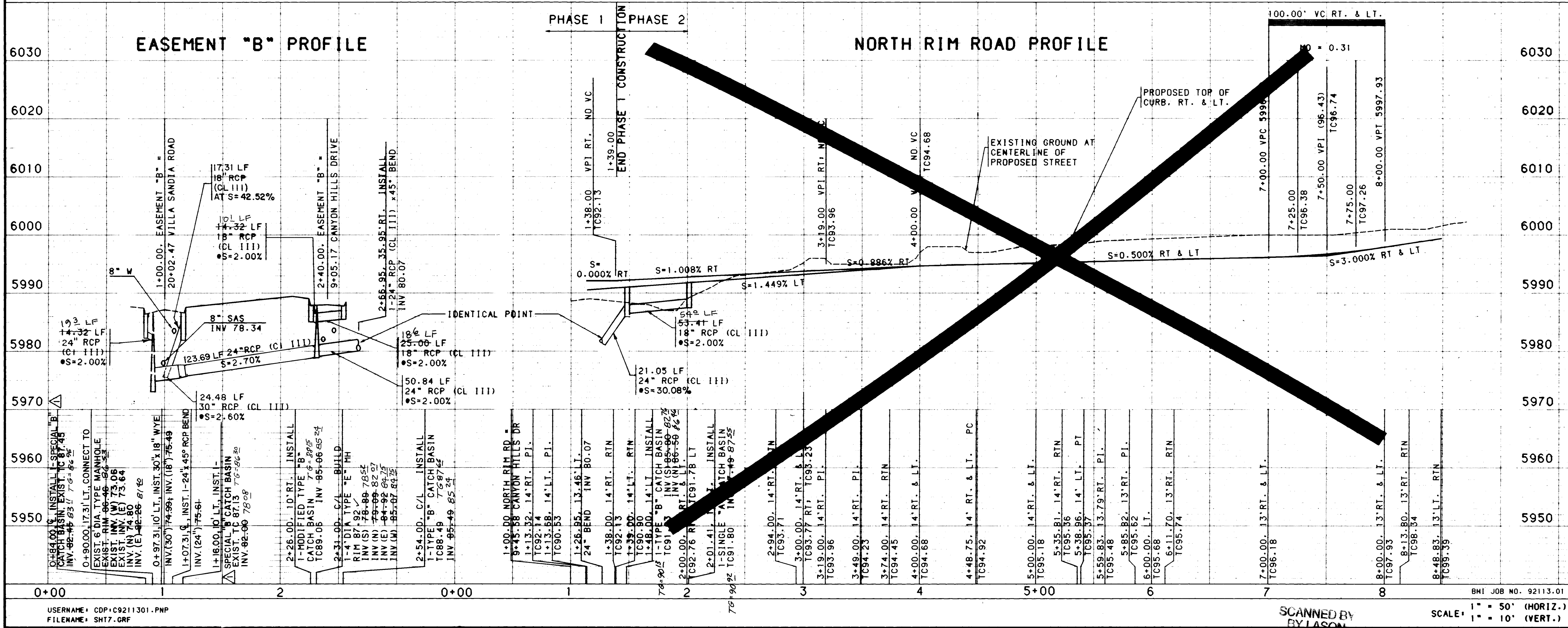
DATE	BY	FIELD NOTES
11/14/93	Walker	THE BENCHMARK IS THE ACS STATION 21-J23. ELEV. 5017.266. MONUMENT IS AN ALUMINUM DISK EXPOSED TO THE TOP OF THE CURB AT THE END OF RETURN AT THE NE CORNER OF THE INTERSECTION OF PINNACLE VIEW AND VILLA SANDIA ROAD N.E.

SURVEY INFORMATION

DATE	BY	FIELD NOTES
11/14/93	Walker	THE BENCHMARK IS THE ACS STATION 21-J23. ELEV. 5017.266. 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.

ENGINEERS SEAL

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



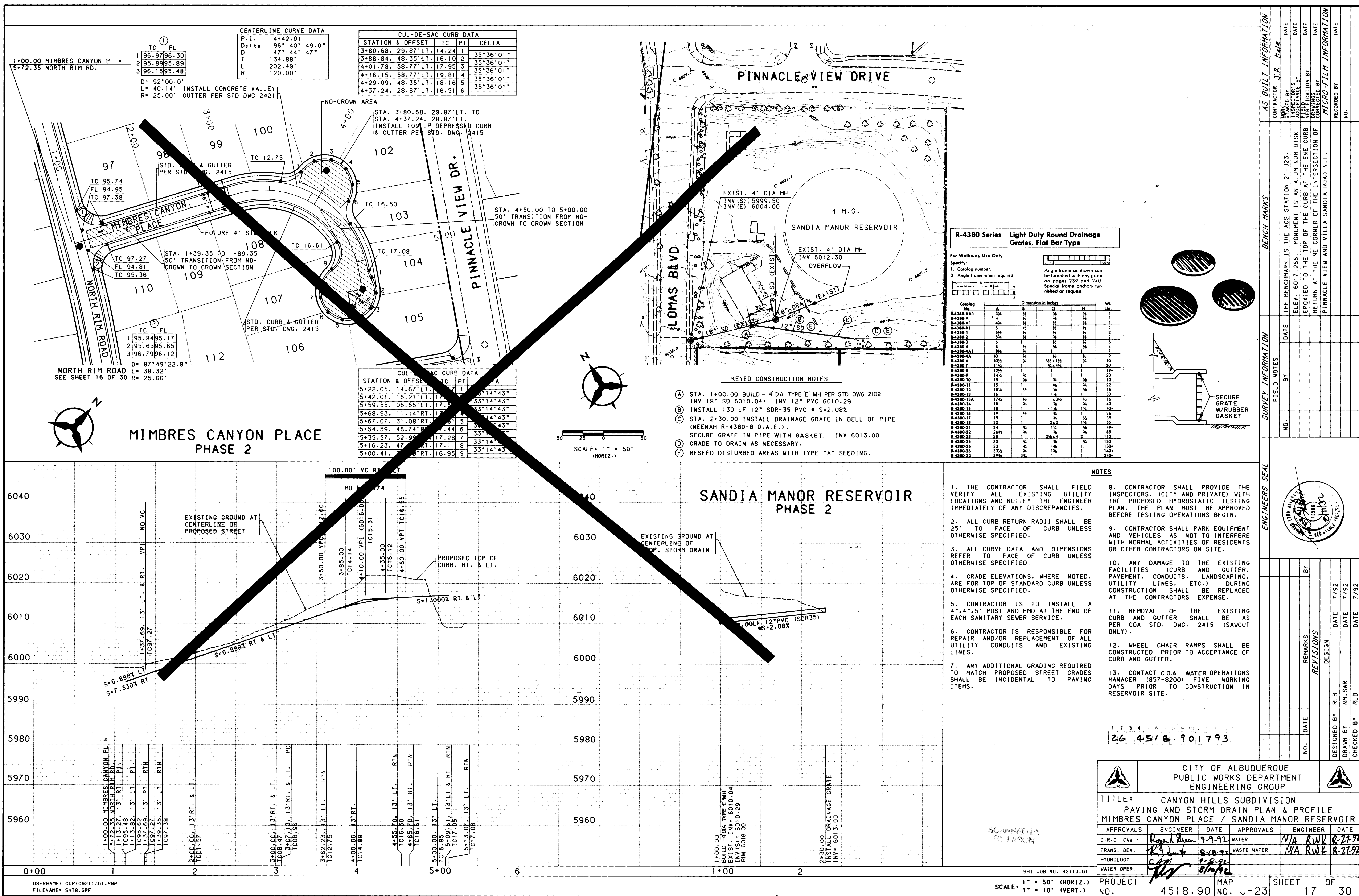
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

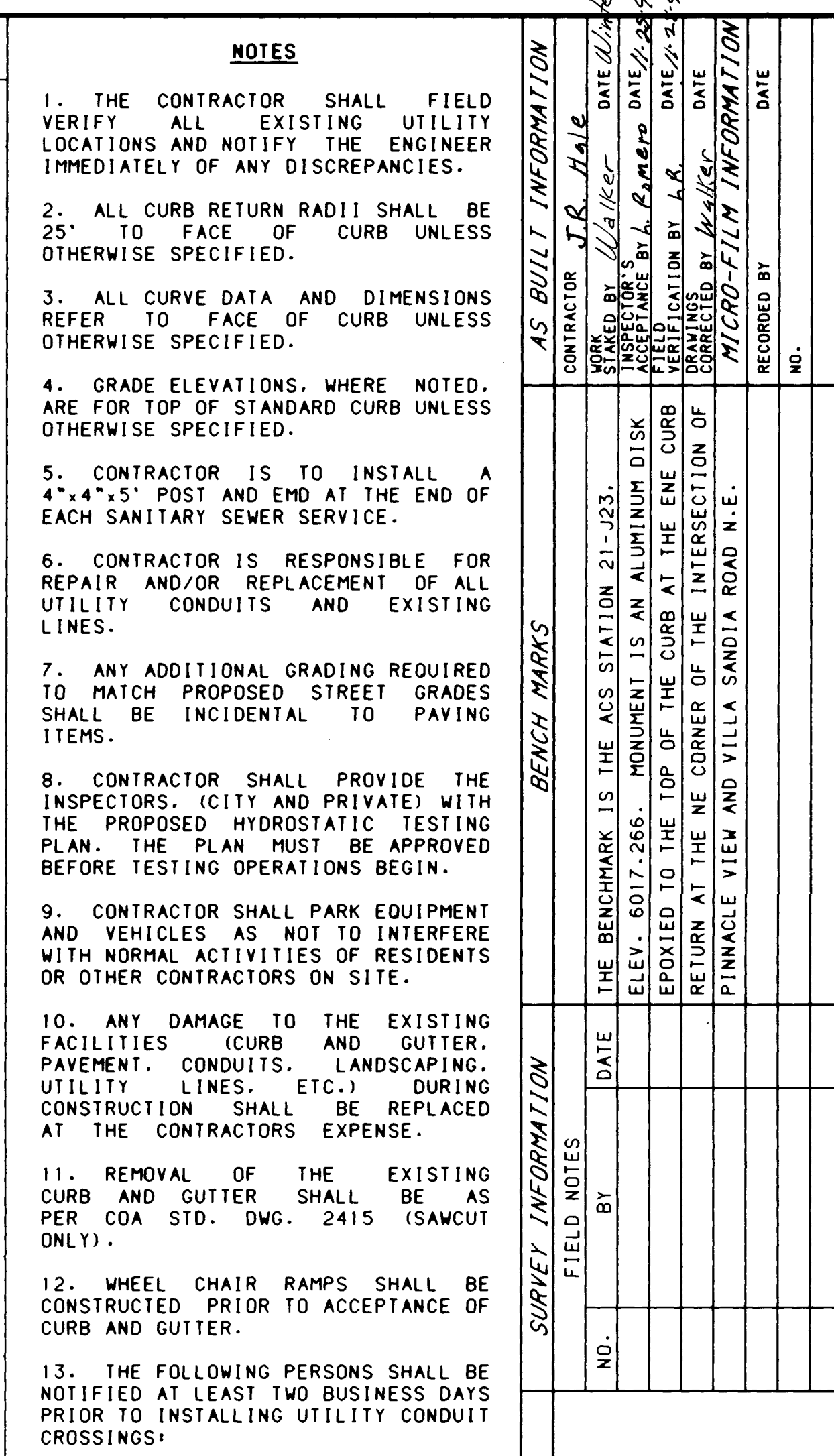
TITLE: CANYON HILLS SUBDIVISION
PAVING AND STORM DRAIN PLAN & PROFILE
NORTH RIM ROAD

APPROVALS

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

PROJECT NO. 4518.90 MAP NO. J-23 SHEET 16 OF 30





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

ENGINEERS SEAL

MAXIMUM HORIZONTAL
ANGLE OF INCLINATION ONLY

6-11-93

1 2 3 4 5 6 7 8 9 10 11 12 13 14
26 4518.90 1993

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:

CANYON HILLS SUBDIVISION
UTILITY PLAN & PROFILE
CANYON HILLS DRIVE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>Roger D. ...</i>	9-9-92	WATER	<i>R.W. Kame</i>	8-27-92
TRANS. DEV.	<i>NK #10</i>	8-18-92	WASTE WATER	<i>R.W. Kame</i>	8-27-92
HYDROLOGY	<i>CAH</i>	8-8-92			

PROJECT

NO.

4518.90

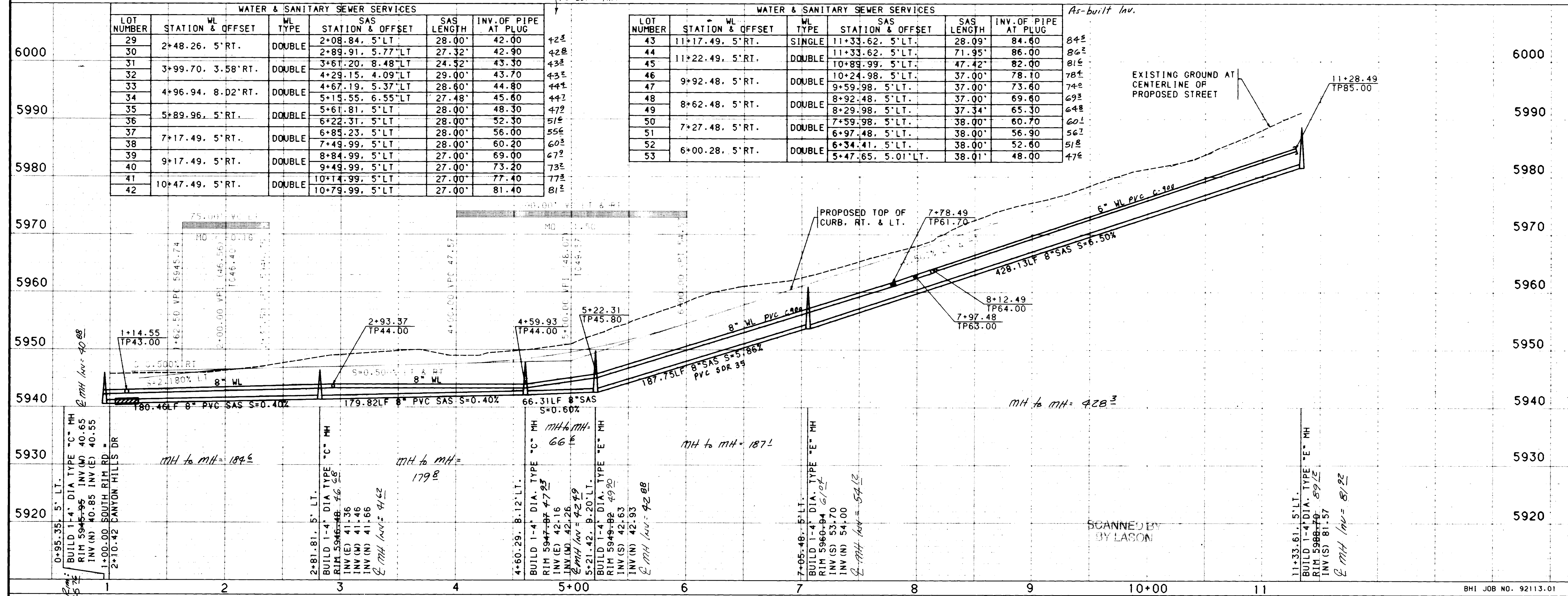
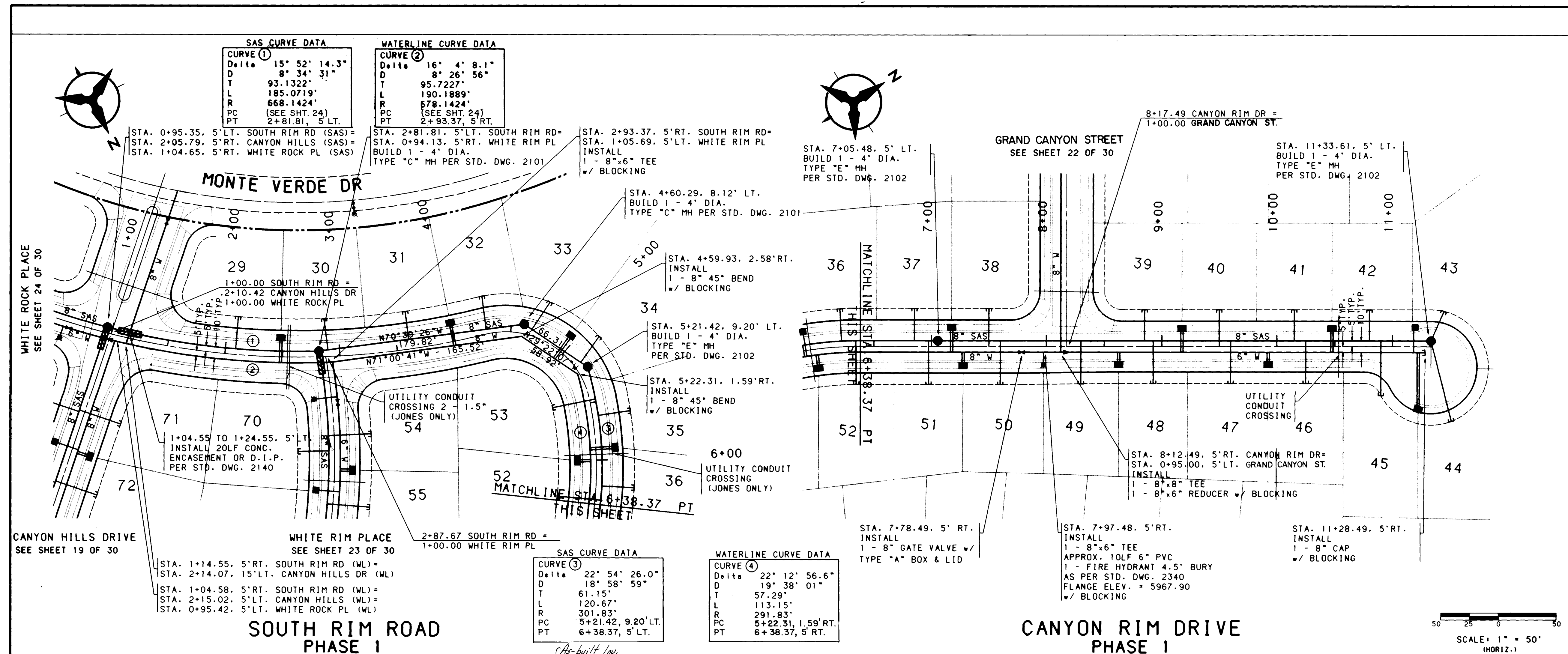
MAP

NO. J-23

SHEET

OF

19 30



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

AS-BUILT INFORMATION

CONTRACTOR: *DA Hale*
 DATE: *11/1/93*
 INSPECTOR: *DA Hale*
 DATE: *11/1/93*
 VERIFICATION BY: *DA Hale*
 DATE: *11/1/93*
 MICRO-FILM INFORMATION
 RECORDED BY: *DA Hale*
 DATE: *11/1/93*

BENCH MARKS

THE BENCHMARK IS THE ACS STATION 21-423.
 ELEV. 6017.266'. MONUMENT IS AN ALUMINUM DISK EXPOSED TO 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

DATE: *11/1/93*
 BY: *DA Hale*
 NO. *1*

ENGINEERS SEAL

STEPHEN E. WALKER
 6-11-93
 26 4518.90 2093

COMPANY PHONE CONTACT

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

REVISIONS

NO.	DATE	REMARKS
1	11/1/93	DESIGN
2	11/1/93	DESIGN
3	11/1/93	DESIGN

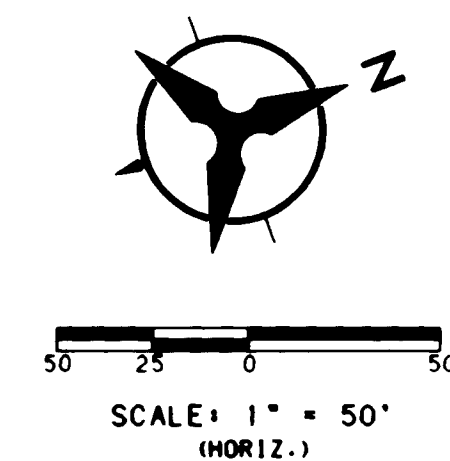
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP

TITLE: CANYON HILLS SUBDIVISION UTILITY PLAN & PROFILE SOUTH RIM ROAD/CANYON RIM DRIVE

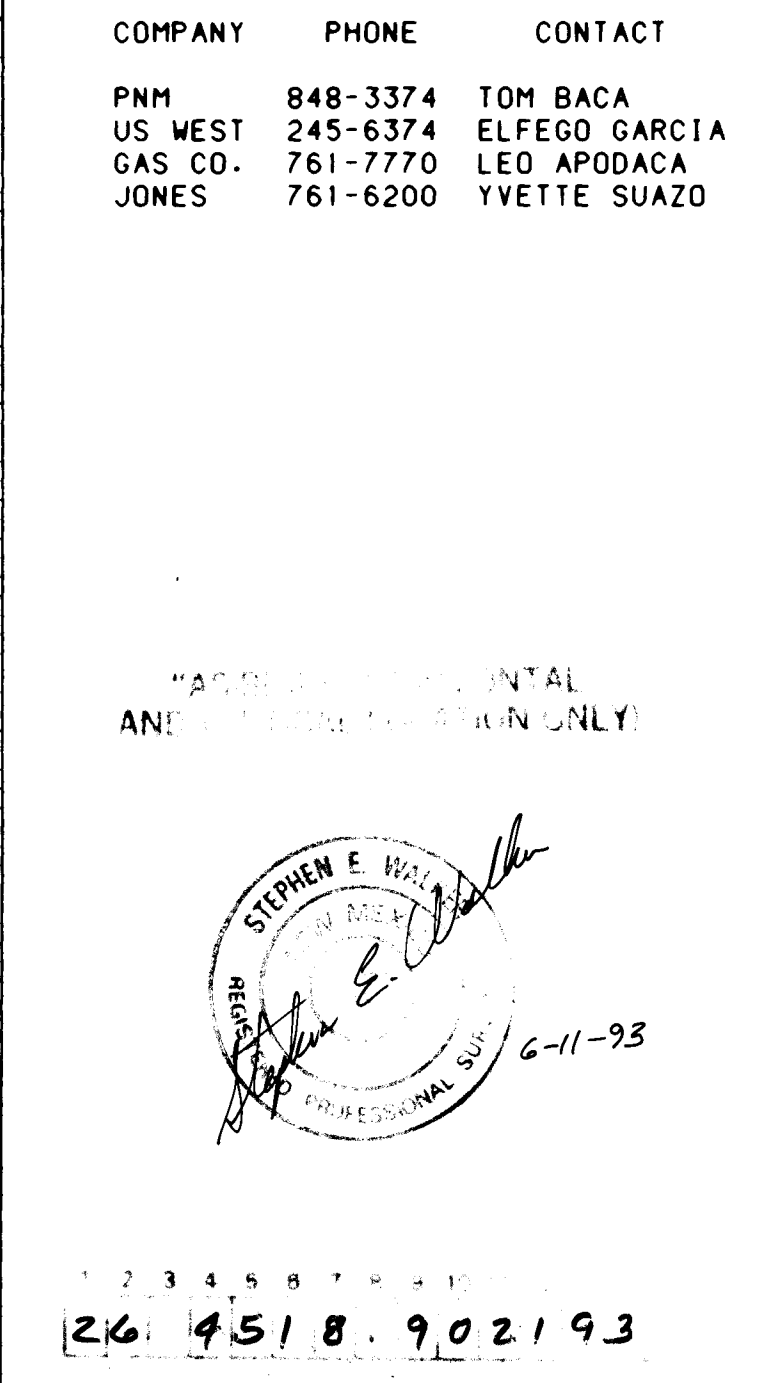
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>Rough Area</i>	9-9-92	WATER	<i>R.W. Kame</i>	8-27-92
TRANS. DEV.	<i>N.A.R.D.</i>	8-18-92	WASTE WATER	<i>R.W. Kame</i>	8-27-92
HYDROLOGY	<i>CAN</i>	8-8-92			

PROJECT MAP SHEET

NO. 4518.90 NO. J-23 20 OF 30

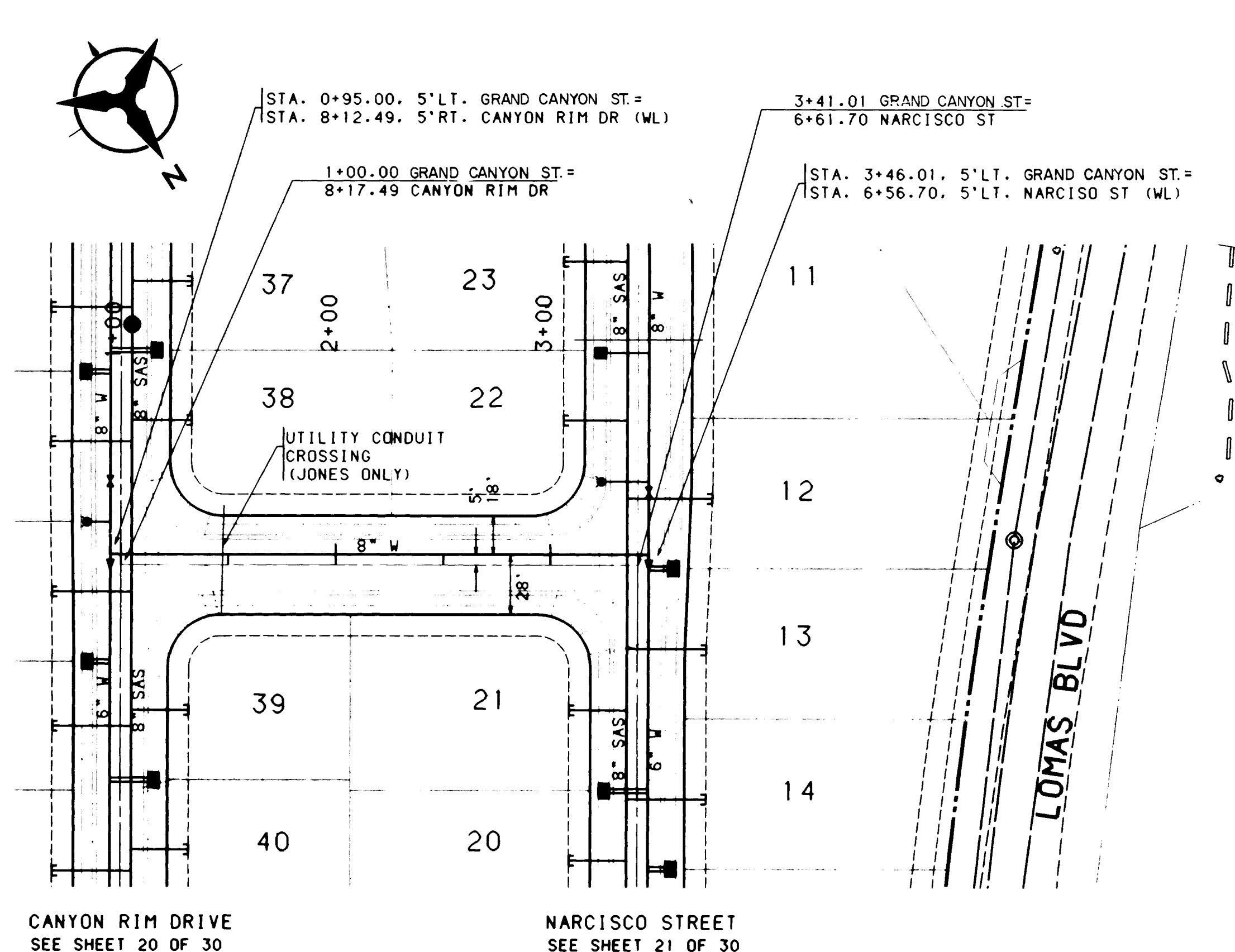
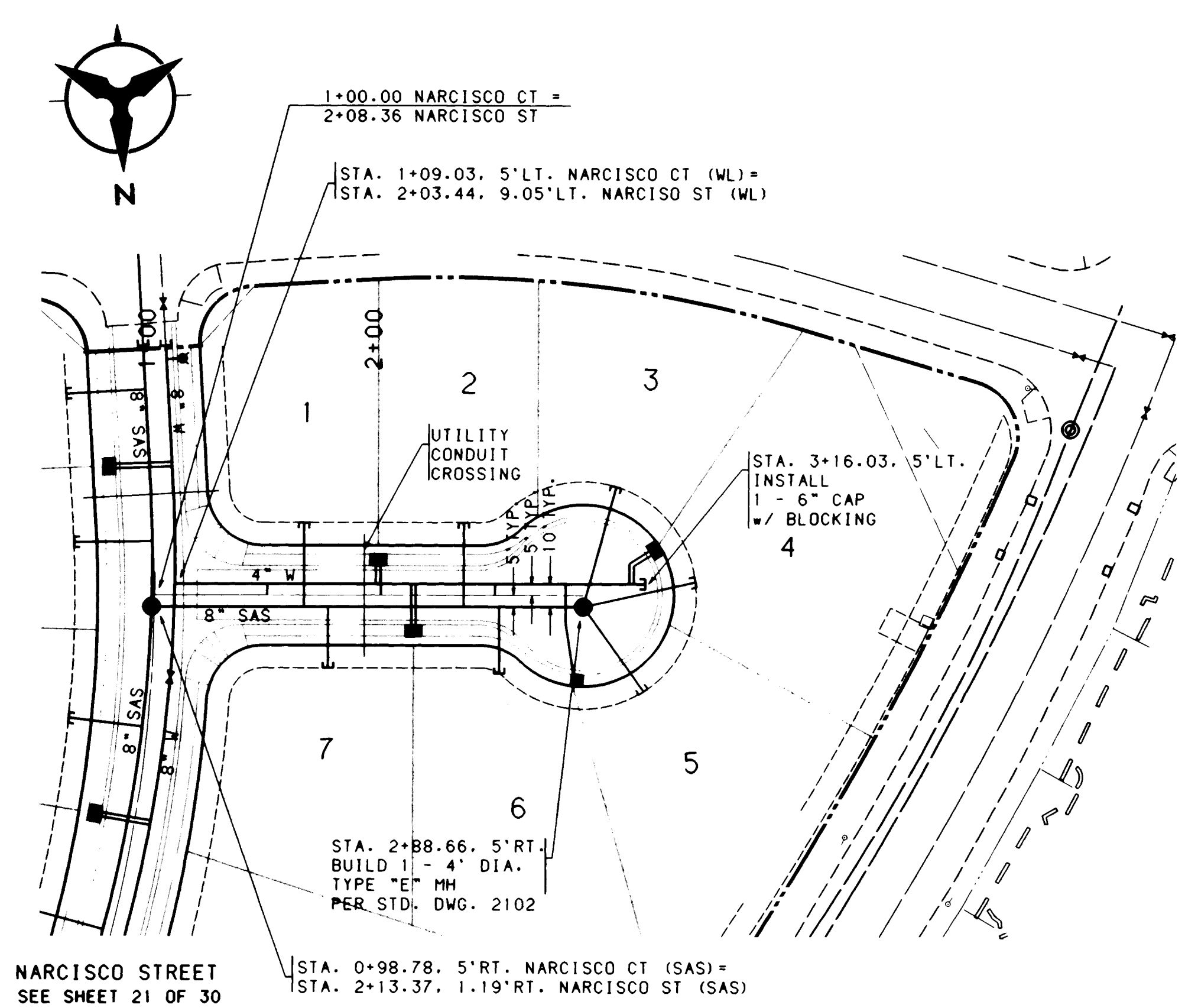


COMPANY	PHONE	CONTACT
PNM	848-3374	TOM BACA
US WEST	245-6374	ELFEGO GARCIA
GAS CO.	761-7770	LEO APODACA
JONES	761-6200	YVETTE SUAZO



WATER & SANITARY SEWER SERVICES						
LOT NUMBER	STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	INV. OF PIPE AT PLUG	
8			4+50.81, 67.62' LT.	50.00'	50.70	558
9	4+41.97, 79.44' LT.	DOUBLE	4+50.81, 67.62' LT.	50.00'	52.80	531
10			4+50.81, 67.62' LT.	50.00'	54.30	538
11	4+42.06, 86.67' LT.	DOUBLE	4+50.82, 59.62' LT.	49.36'	53.60	539
12			6+30.59, 5' RT.	39.70'	61.90	622
13	6+53.10, 5' LT.	DOUBLE	7+00.59, 5' RT.	37.01'	67.30	668
14			7+70.59, 5' RT.	37.00'	72.00	725
15	8+03.09, 5' LT.	DOUBLE	8+40.59, 5' RT.	37.00'	76.90	775
16			8+97.52, 5' RT.	54.89'	81.20	802
17	9+13.70, 5' LT.	DOUBLE	8+97.52, 5' RT.	51.23'	83.60	835
18			8+97.52, 5' RT.	46.11'	83.00	815
19	9+06.70, 5' LT.	DOUBLE	8+69.20, 5' RT.	36.20'	79.20	787
20			7+99.20, 5' RT.	27.00'	74.40	745
21	7+56.69, 5' LT.	DOUBLE	7+29.20, 5' RT.	27.00'	69.40	697
22	5+62.70, 5' LT.	SINGLE	5+94.20, 5' RT.	30.00'	59.60	594
23			5+20.13, 5' RT.	30.00'	54.20	543
24	4+03.86, 5.07' LT.	DOUBLE	4+41.54, 4.72' RT.	30.28'	49.00	492
25			3+57.97, 3.88' RT.	31.12'	43.00	432
26	3+07.89, 6.88' LT.	DOUBLE	2+66.53, 2.36' RT.	32.65'	38.50	372
27			1+84.57, 0.48' RT.	34.54'	35.30	351
28	1+51.19, 10' LT.	DOUBLE	1+17.66, CENTERLINE	35.00'	32.90	325

		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP									
TITLE: CANYON HILLS SUBDIVISION UTILITY PLAN & PROFILE NARCISO STREET											
APPROVALS		ENGINEER		DATE		APPROVALS		ENGINEER		DATE	
D.R.C. Chair		Reginald Moore		9-9-92		WATER		R.W. Kame		8-27-92	
TRANS. DEV.		NPA RAO		8-18-92		WASTE WATER		R.W. Kame		8-27-92	
HYDROLOGY		CAM		8-8-92							
PROJECT NO. 4518.90				MAP NO. J-23		SHEET 21		OF 30			

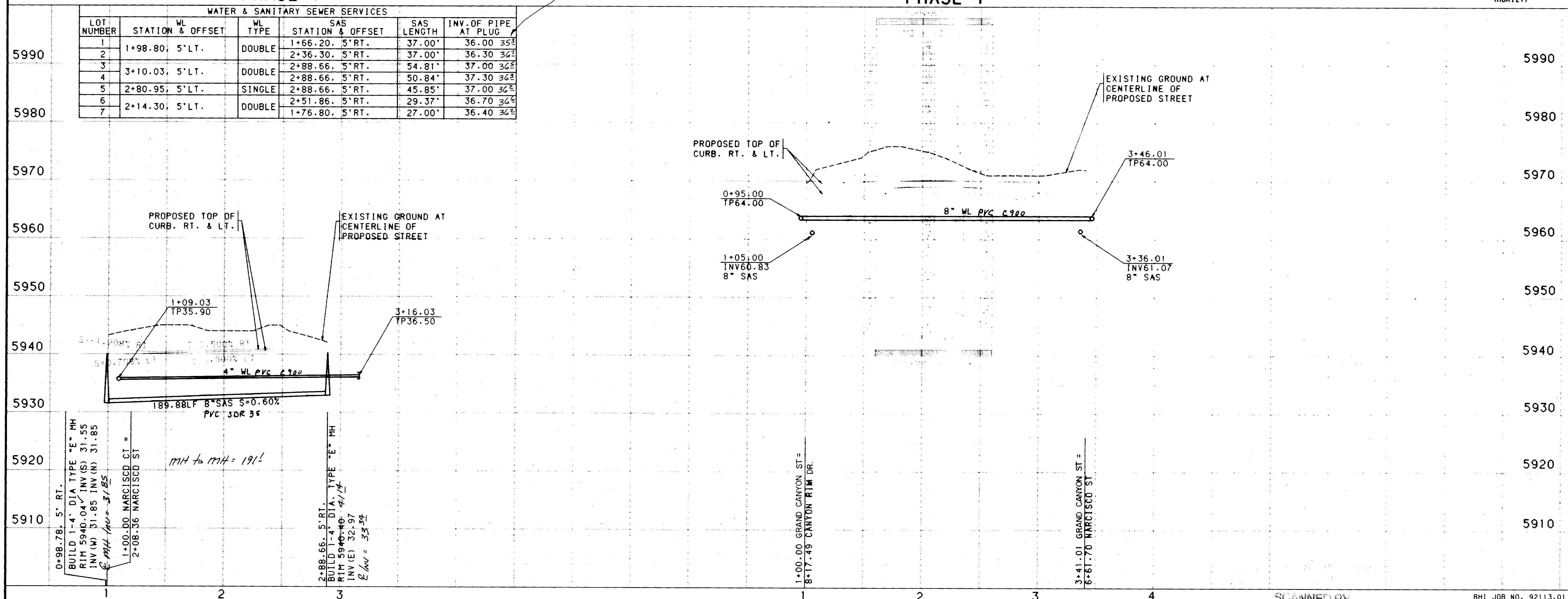


NARCISCO COURT PHASE 1

GRAND CANYON STREET PHASE 1

SCALE: 1" = 50' (HORIZ.)

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	INV. OF PIPE AT PLUG
5990	1+98.80, 5'LT.	DOUBLE	1+66.20, 5'RT.	37.00'	36.00 353
2	2+36.30, 5'RT.		2+36.30, 5'RT.	37.00'	36.30 362
3	3+10.03, 5'LT.	DOUBLE	2+88.66, 5'RT.	54.81'	37.00 363
4	2+80.95, 5'LT.	SINGLE	2+88.66, 5'RT.	50.84'	37.30 363
5	2+14.30, 5'LT.	DOUBLE	2+88.66, 5'RT.	45.85'	37.00 362
6			2+51.86, 5'RT.	29.37'	36.70 364
7			1+76.80, 5'RT.	27.00'	36.40 362



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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

26 4518 90 2293

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: CANYON HILLS SUBDIVISION
UTILITY PLAN & PROFILE
NARCISCO COURT/BANDELIER STREET

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Roger Khan	9-9-92	WATER	R.W. Kane	8-27-92
TRANS. DEV.	W. R. RAO	8-18-92	WASTE WATER	R.W. Kane	8-27-92
HYDROLOGY	CAM	9-8-92			

PROJECT NO. 4518.90 MAP NO. J-23 SHEET 22 OF 30

AS BUILT INFORMATION

CONTRACTOR J.A. Hale

WORK STARTED BY J.A. Hale DATE 11/1/93

ACCEPTANCE BY L. Amador DATE 11/23/93

FIELD CHECKED BY J.A. Hale DATE 11/23/93

DRAWINGS CORRECTED BY W. R. RAO DATE 11/23/93

RECORDED BY MICHAEL FILM INFORMATION

BENCH MARKS

THE BENCHMARK IS THE ACS STATION 21-123. ELEV. 6017.266. 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.

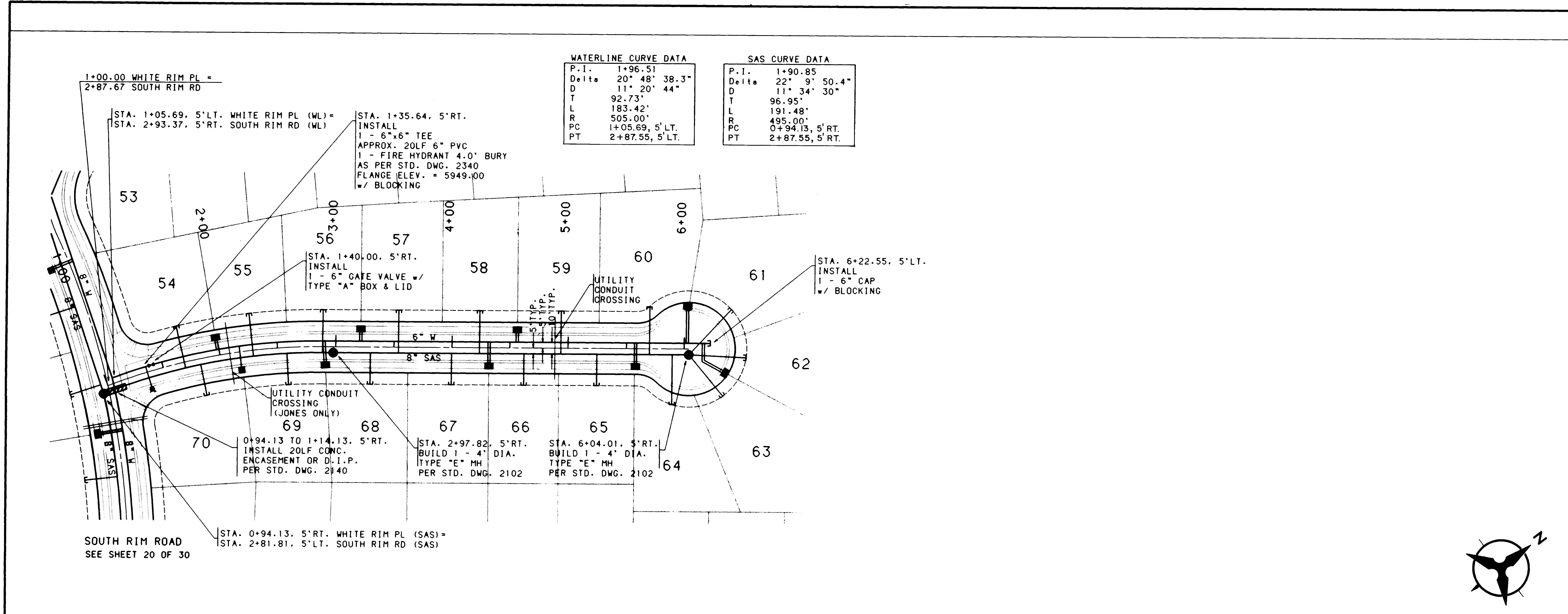
SURVEY INFORMATION

FIELD NOTES

NO.	DATE	BY

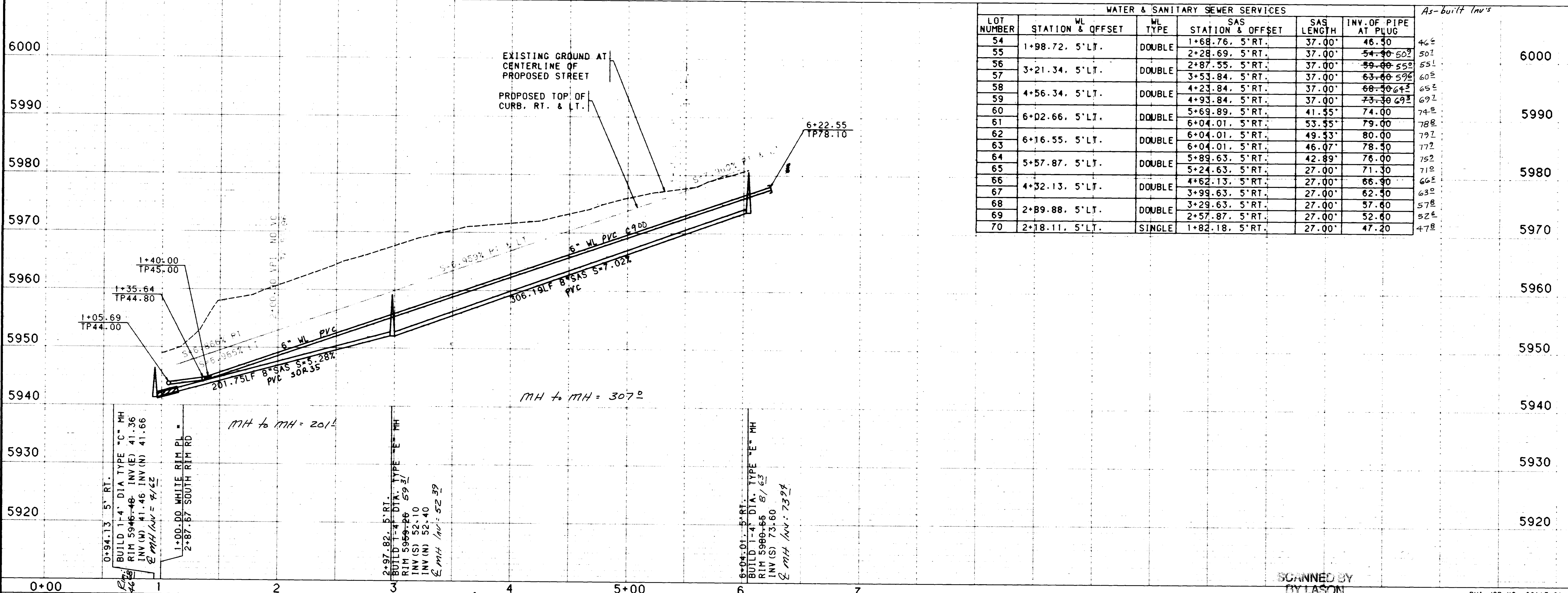
ENGINEERS SEAL

STEPHEN E. WALLACE
REGISTERED PROFESSIONAL SURVEYOR
6-11-93

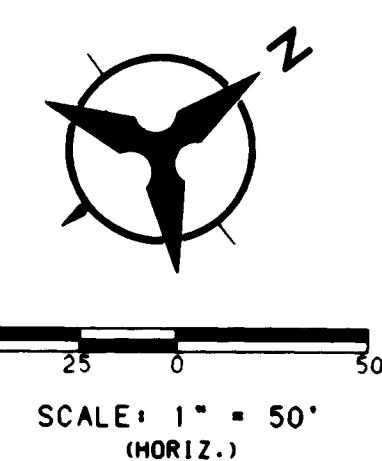


WATERLINE CURVE DATA				SAS CURVE DATA			
P.I.	1+96.51	P.I.	1+90.85	P.I.	1+90.85	P.I.	1+90.85
Delta	20° 48' 38.3"	Delta	22° 9' 50.4"	Delta	22° 9' 50.4"	Delta	22° 9' 50.4"
D	11° 20' 44"	D	11° 34' 30"	D	11° 34' 30"	D	11° 34' 30"
T	92.73'	T	96.95'	T	96.95'	T	96.95'
L	183.42'	L	191.48'	L	191.48'	L	191.48'
R	505.00'	R	495.00'	R	495.00'	R	495.00'
PC	1+05.69, 5' LT.	PC	0+94.13, 5' RT.	PC	0+94.13, 5' RT.	PC	0+94.13, 5' RT.
PT	2+87.55, 5' LT.	PT	2+87.55, 5' RT.	PT	2+87.55, 5' RT.	PT	2+87.55, 5' RT.

WHITE RIM PLACE
PHASE 1



WATER & SANITARY SEWER SERVICES						As-built Inv's
LOT NUMBER	STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	INV. OF PIPE AT PLUG	
54	1+98.72, 5' LT.	DOUBLE	1+68.76, 5' RT.	37.00'	46.30	46.5
55			2+28.69, 5' RT.	37.00'	54.40	50.1
56			2+87.55, 5' RT.	37.00'	59.40	55.1
57	3+21.34, 5' LT.	DOUBLE	3+53.84, 5' RT.	37.00'	63.40	60.5
58			4+23.84, 5' RT.	37.00'	68.40	65.5
59	4+56.34, 5' LT.	DOUBLE	4+93.84, 5' RT.	37.00'	73.30	69.1
60			5+69.89, 5' RT.	41.55'	74.00	74.5
61	6+02.66, 5' LT.	DOUBLE	6+04.01, 5' RT.	53.55'	79.00	78.8
62			6+04.01, 5' RT.	49.43'	80.00	79.1
63	6+16.55, 5' LT.	DOUBLE	6+04.01, 5' RT.	46.07'	78.30	77.2
64			5+89.63, 5' RT.	42.89'	76.00	75.2
65	5+57.87, 5' LT.	DOUBLE	5+24.63, 5' RT.	27.00'	71.30	71.0
66			4+62.13, 5' RT.	27.00'	66.90	66.5
67	4+32.13, 5' LT.	DOUBLE	3+99.63, 5' RT.	27.00'	62.50	63.5
68			3+29.63, 5' RT.	27.00'	57.60	57.8
69	2+89.88, 5' LT.	DOUBLE	2+57.87, 5' RT.	27.00'	52.40	52.4
70	2+18.11, 5' LT.	SINGLE	1+82.18, 5' RT.	27.00'	47.40	47.8



- 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.
 4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
 5. CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
 6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
 8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
 9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
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 11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
 12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
 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 ELFEBO GARCIA
GAS CO. 761-7770 LEO APODACA
JONES 761-6200 YVETTE SUAZO

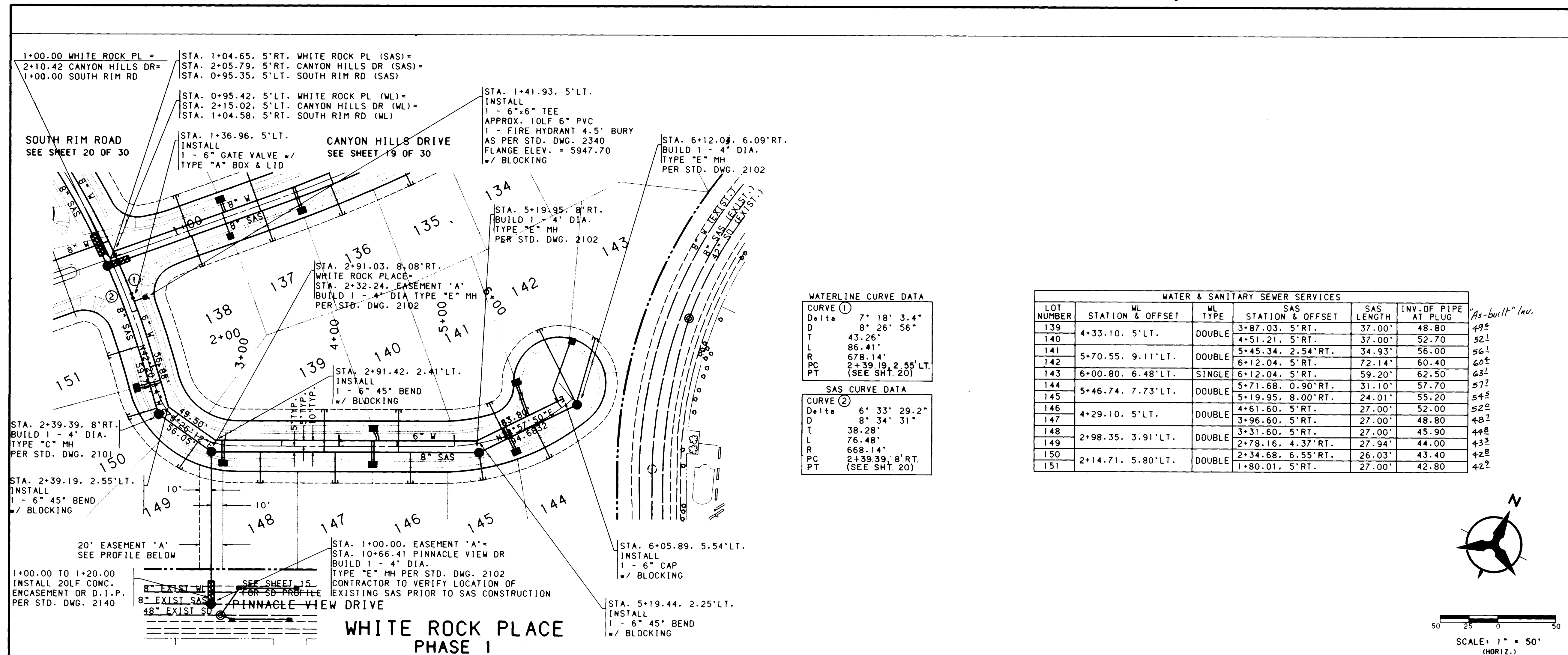
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: CANYON HILLS SUBDIVISION
UTILITY PLAN & PROFILE
WHITE RIM PLACE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chief	R.W. Kane	9-9-92	WATER	R.W. Kane	8-27-92
TRANS. DEV.	M.A. RHO	8-18-92	WASTE WATER	R.W. Kane	8-27-92
HYDROLOGY	CRN	8-2-92			

PROJECT NO. 4518.90 MAP NO. J-23 SHEET 23 OF 30



NOTES

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COMPANY PHONE CONTACT

PNM 848-3374 TOM BACA

US WEST 245-6374 ELFEOD GARCIA

GAS CO. 761-7770 LEO APDACA

JONES 761-6200 YVETTE SUAZO

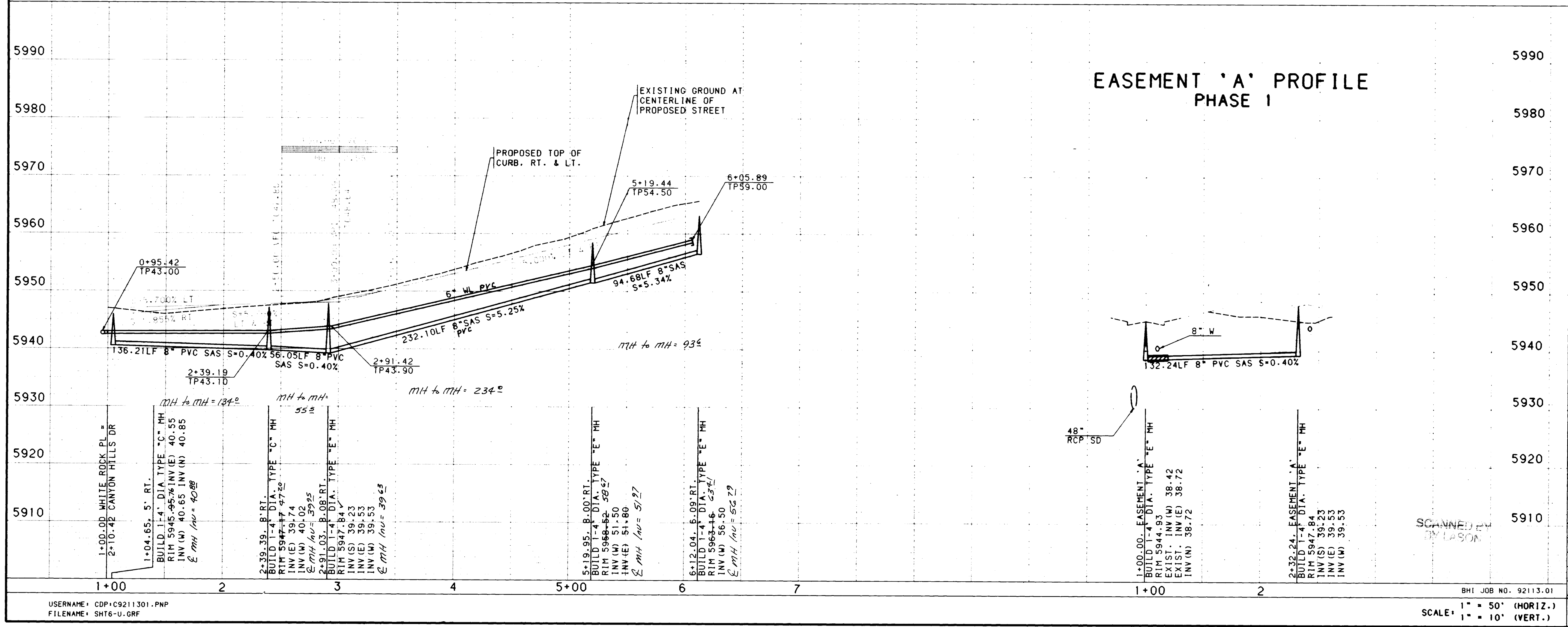
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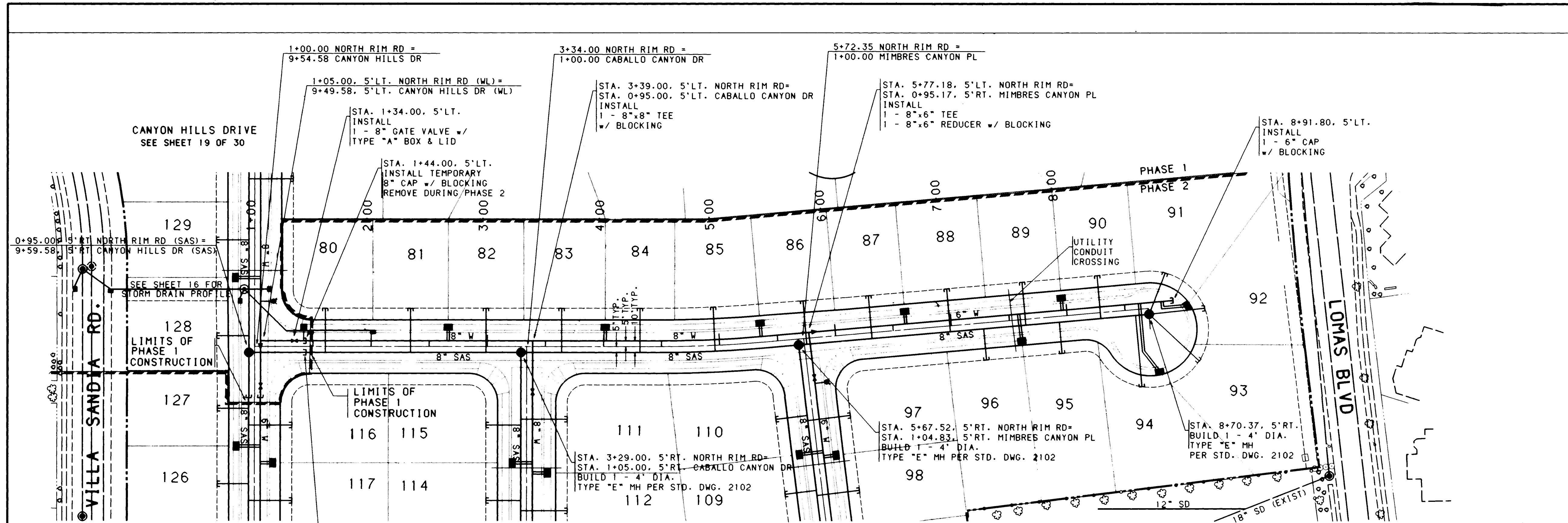
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: CANYON HILLS SUBDIVISION
UTILITY PLAN & PROFILE
WHITE ROCK PLACE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	R. W. Kane	9-9-92	WATER	R. W. Kane	8-27-92
TRANS. DEV.	N. R. W.	8-18-92	WASTE WATER	R. W. Kane	8-27-92
HYDROLOGY	C.M.	9-8-92			

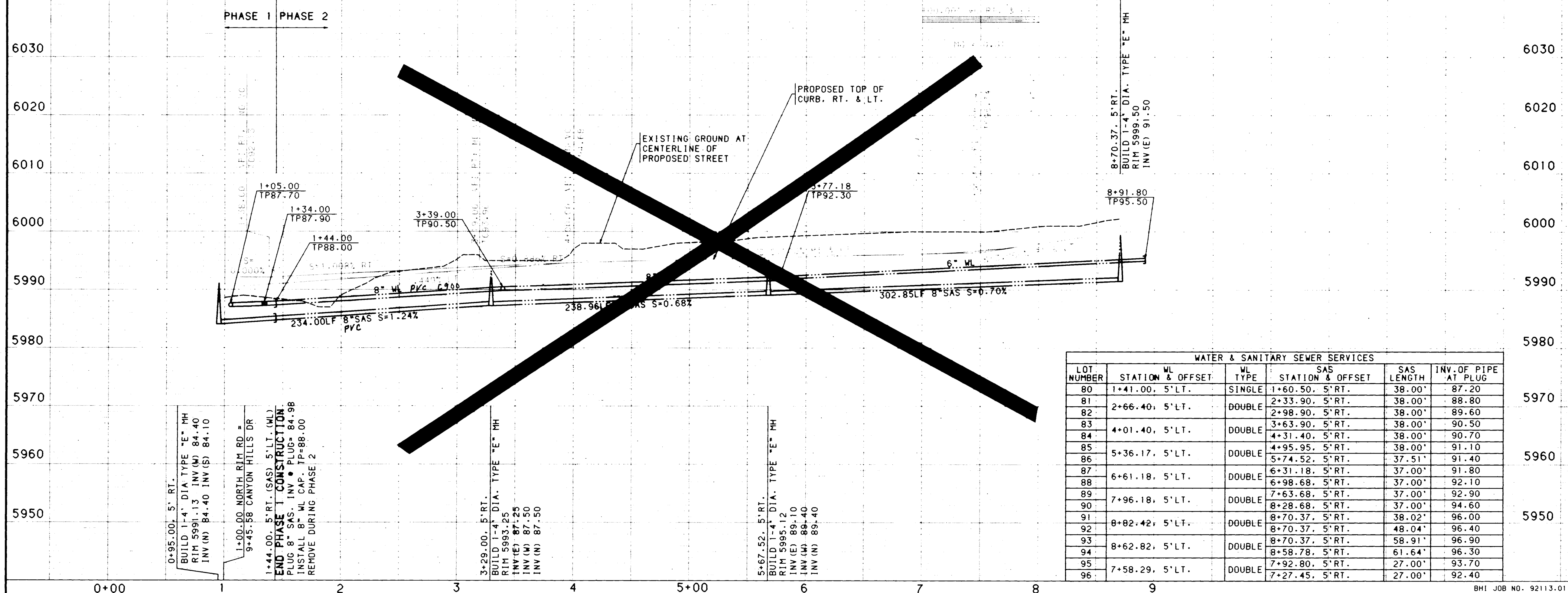
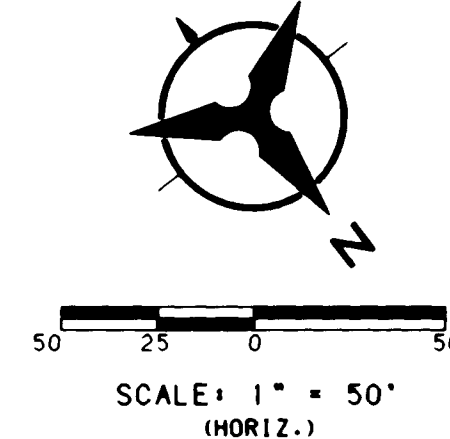
PROJECT NO. 4518.90 MAP NO. J-23 SHEET 24 OF 30





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' LT.	
PT	5+38.96, 5' RT.		PT	5+38.96, 5' LT.	

NORTH RIM ROAD



WATER & SANITARY SEWER SERVICES					
LOT NUMBER	STATION & OFFSET	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			3+63.90, 5' RT.	38.00'	90.50
84	4+01.40, 5' LT.	DOUBLE	4+31.40, 5' RT.	38.00'	90.70
85			4+95.95, 5' RT.	38.00'	91.10
86	5+36.17, 5' LT.	DOUBLE	5+74.52, 5' RT.	37.51'	91.40
87			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

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AS BUILT INFORMATION

CONTRACTOR	DATE

BENCH MARKS

CONTRACTOR	DATE

FIELD NOTES

NO.	DATE	BY

ENGINEERS SEAL

REVISIONS

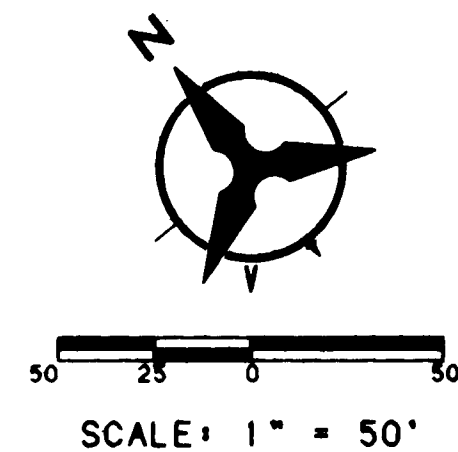
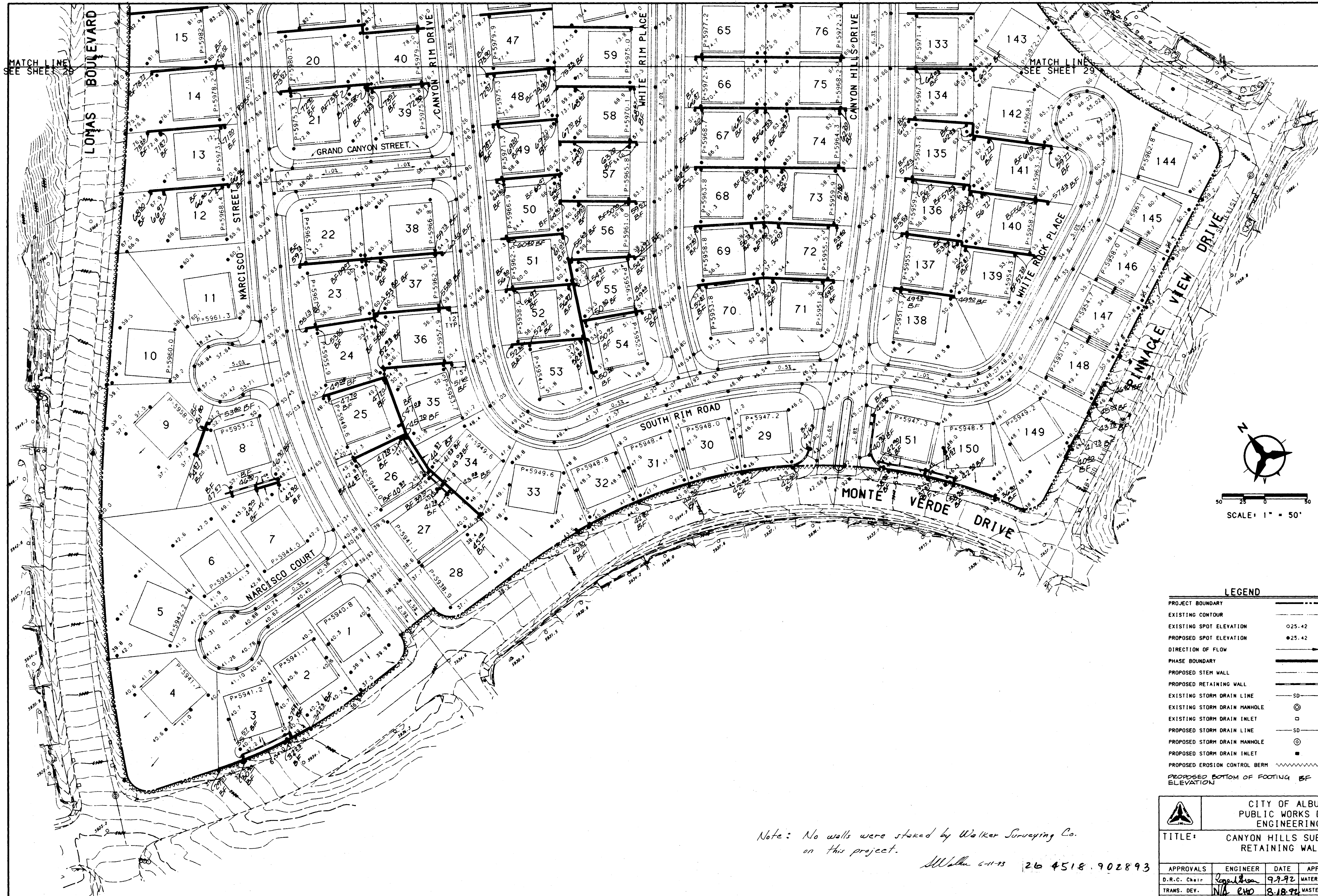
NO.	DATE	REMARKS

DESIGNED BY RLB **DATE** 7/92
DRAWN BY NH.SAR **DATE** 7/92
CHECKED BY RLB **DATE** 7/92

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

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	R.W. Kane	9-9-92	WATER	R.W. Kane	9-21-92
TRANS. DEV.	N.A. R.W.	9-9-92	WASTE WATER	R.W. Kane	9-21-92
HYDROLOGY	C.A.N.	9-8-92			

PROJECT NO. 4518.90 **MAP NO.** J-23 **SHEET** 25 **OF** 30



LEGEND	
PROJECT BOUNDARY	---
EXISTING CONTOUR	---
EXISTING SPOT ELEVATION	○ 25.42
PROPOSED SPOT ELEVATION	● 25.42
DIRECTION OF FLOW	→
PHASE BOUNDARY	---
PROPOSED STEM WALL	---
PROPOSED RETAINING WALL	---
EXISTING STORM DRAIN LINE	SD
EXISTING STORM DRAIN MANHOLE	⊙
EXISTING STORM DRAIN INLET	□
PROPOSED STORM DRAIN LINE	SD
PROPOSED STORM DRAIN MANHOLE	⊙
PROPOSED STORM DRAIN INLET	■
PROPOSED EROSION CONTROL BERM	~~~~~
PROPOSED BOTTOM OF FOOTING	BF
ELEVATION	

Note: No walls were staked by Walker Surveying Co. on this project.

W. Walker 6-11-93 26 4518.902893

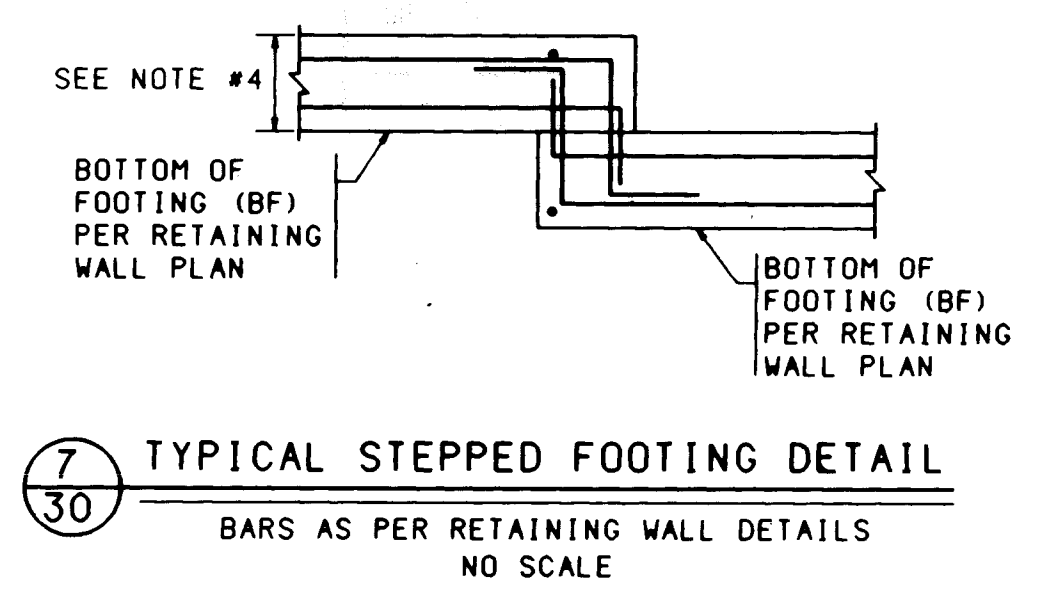
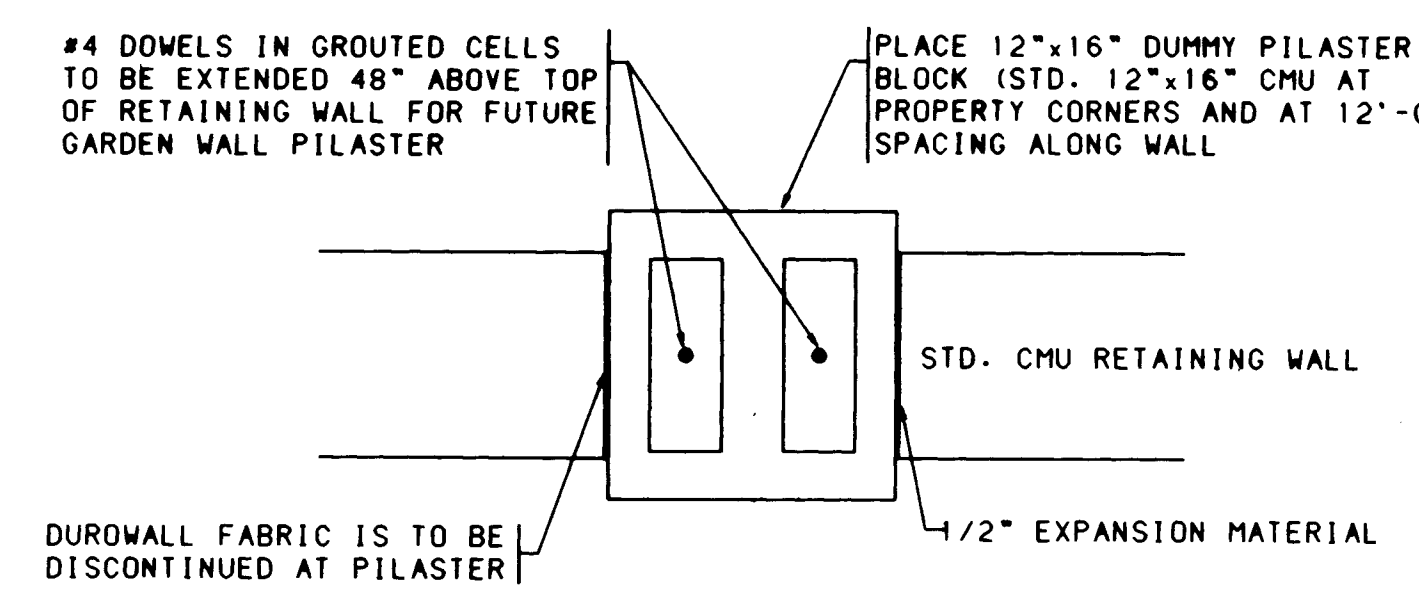
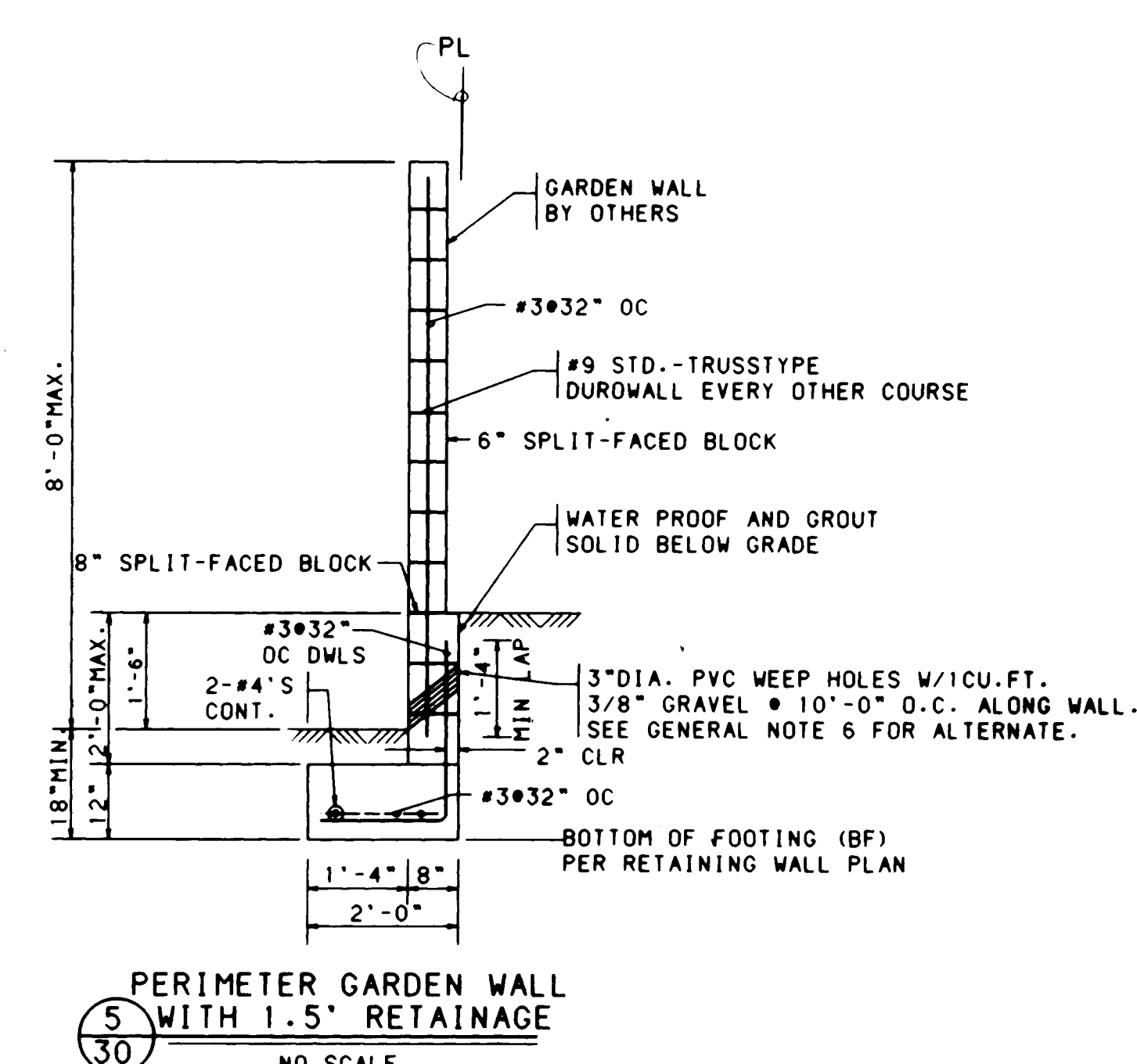
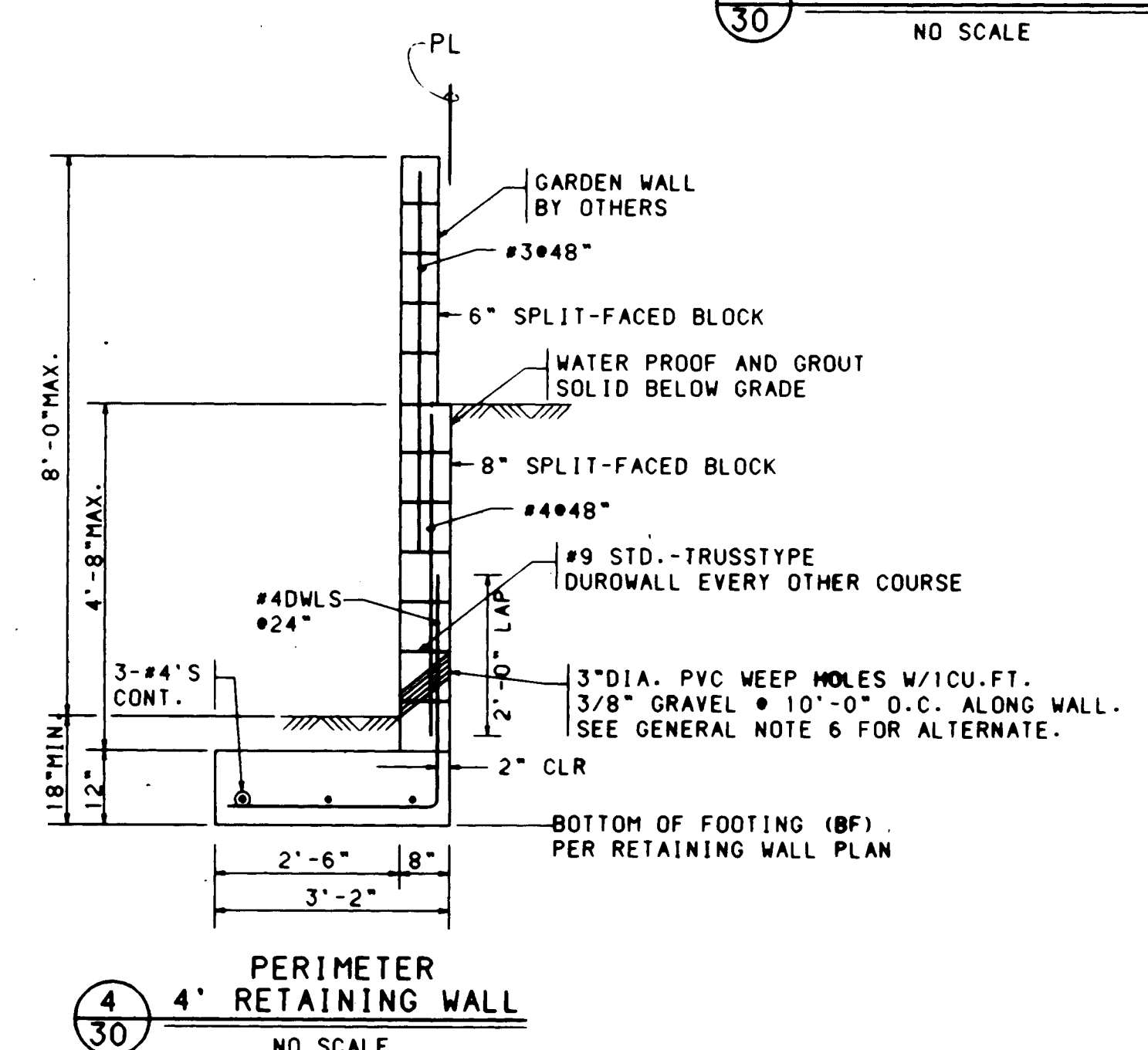
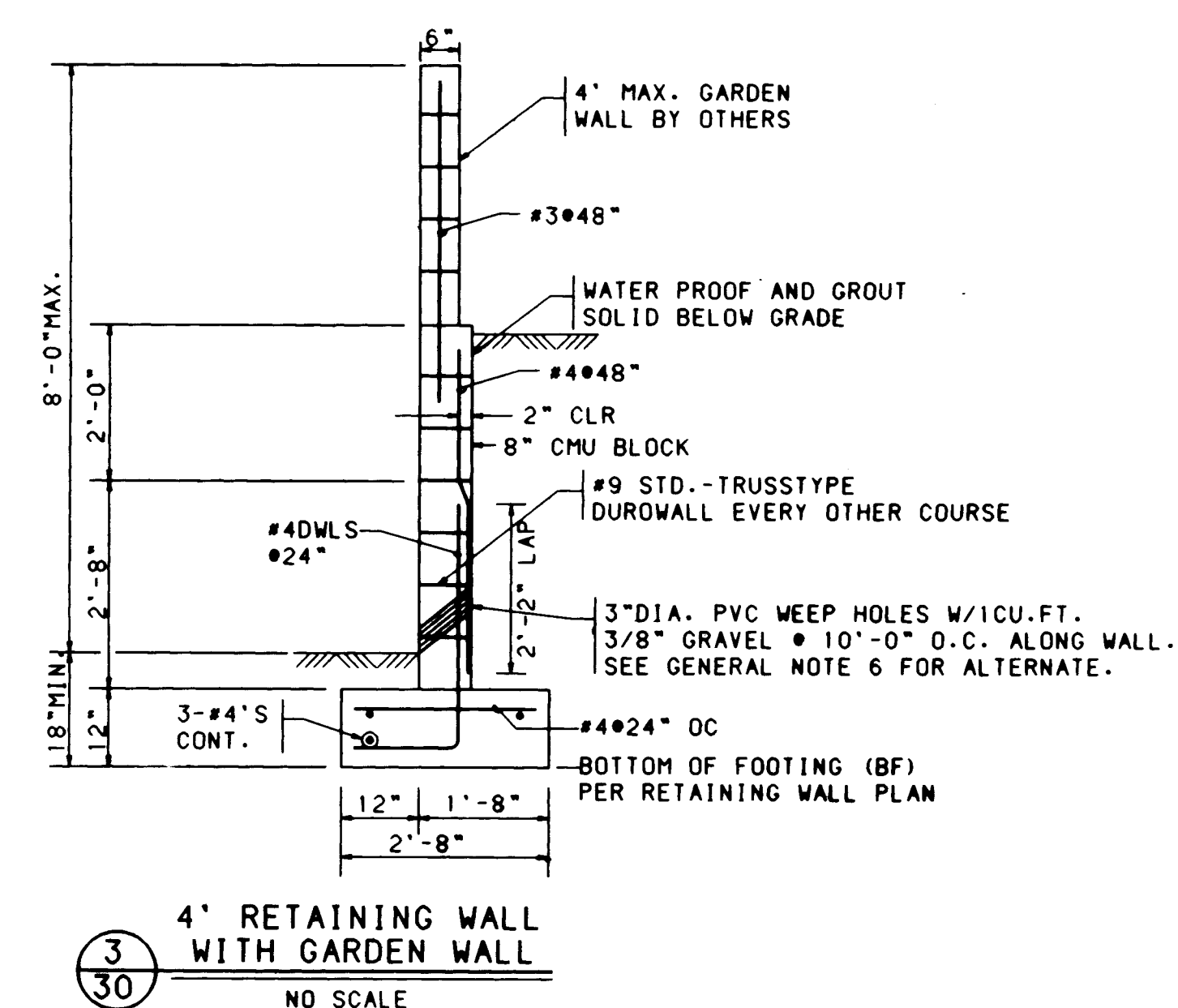
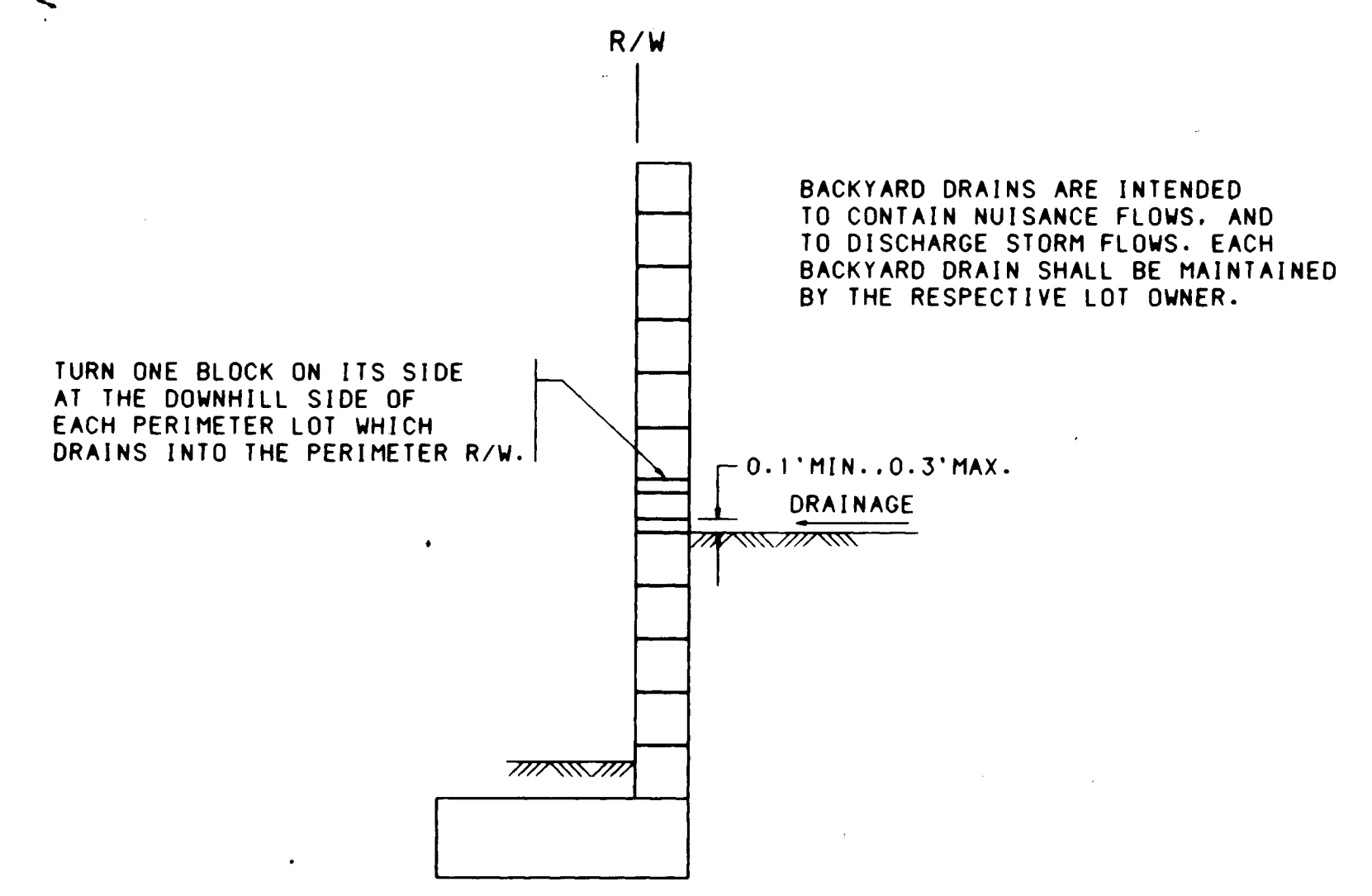
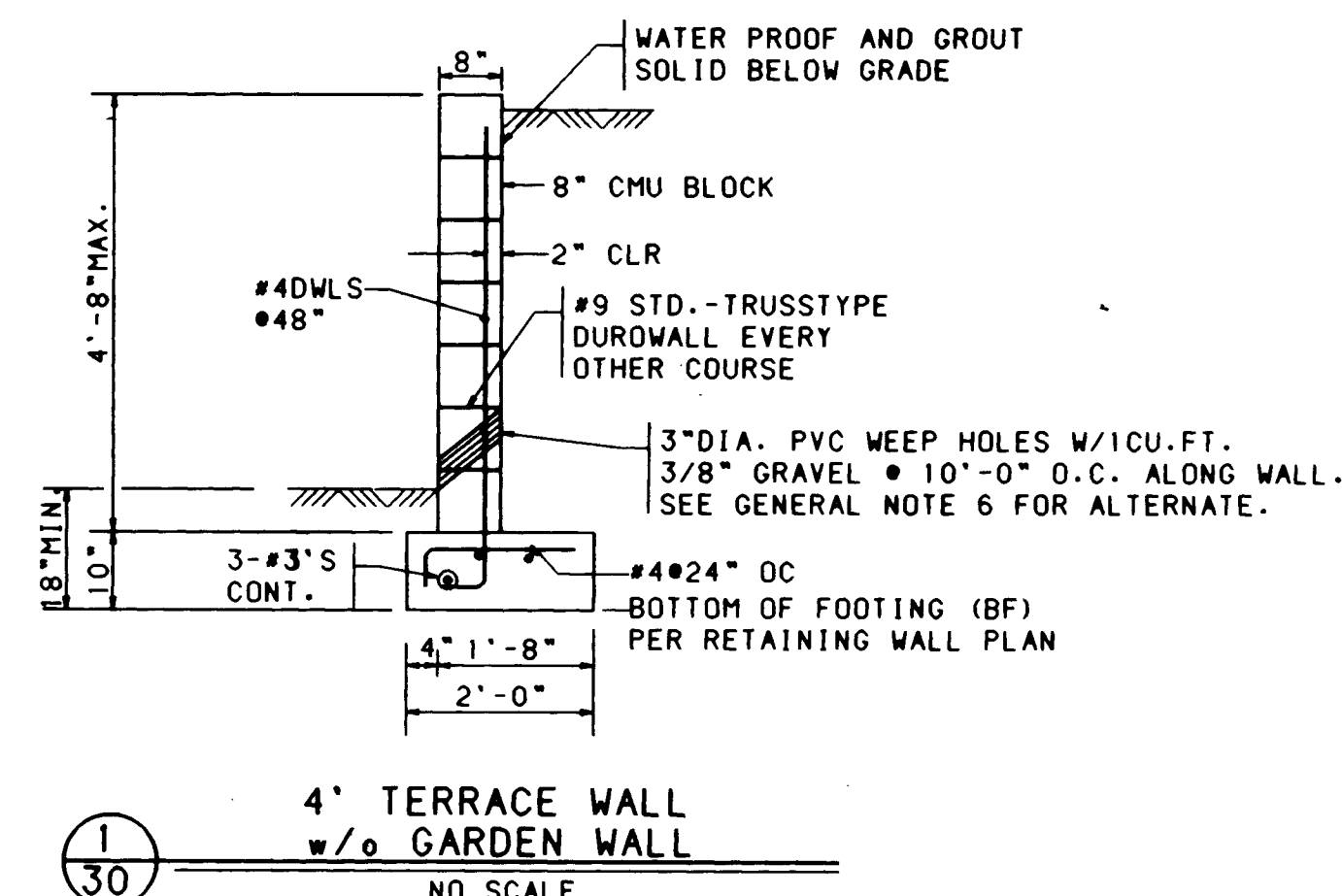
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TITLE: CANYON HILLS SUBDIVISION RETAINING WALL PLAN																							
APPROVALS		ENGINEER		DATE		APPROVALS		ENGINEER		DATE													
D.R.C. Chair		Kopelshon		9-9-92		WATER		N/A RWK		8-27-92													
TRANS. DEV.		N/A CWO		8-18-92		WASTE WATER		N/A RWK		8-27-92													
HYDROLOGY		CWO		9-2-92		HNUJ																	
PARKS																							
PROJECT NO. 4518.90				MAP NO. J-23				SHEET 28				OF 30											



Stallen 6-11-93

		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
		TITLE: CANYON HILLS SUBDIVISION RETAINING WALL PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE		
D.R.C. Chair	<i>[Signature]</i>	9-9-72	WATER	N/A	RWK	8-7-72	
TRANS. DEV.	N/A LHO	8-18-72	WASTE WATER	N/A	RWK	8-7-72	
HYDROLOGY	CAM	9-8-72	NHUI				
PARKS							
PROJECT NO.		4518.90	MAP NO. J-23		SHEET 29 OF 30		

[illegible]



GENERAL NOTES (RETAINING WALL CONST.)

- 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 ($\pm 3\%$) MOISTURE CONTENT AND COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557.
- 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.
- VERTICAL CONTROL JOINTS WITH PVC INSERTS 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.
- MINIMUM LAP SPICE 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.
- CONSTRUCTION OF RETAINING WALLS SHALL CONFORM TO REQUIREMENTS OF THE UNIFORM BUILDING CODE.
- OMISSION OF A VERTICAL MORTAR JOINT ON FIRST COURSE AT 48" O.C. MAY BE USED FOR WEEP HOLES.
- 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 M = 1500 PSI (GROUTED)
REINFORCEMENT = 60 ASTM A-615
- 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.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CODE ADMINISTRATION APPROVAL AND FEES ASSOCIATED WITH IT.
- REINFORCING NOT CORRECTLY PLACED SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- WALLS WITH NO RETAINAGE ARE NOT ADDRESSED BY THESE PLANS.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 4518 903093

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: CANYON HILLS SUBDIVISION
RETAINING WALL DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chief	Robert H. H. H.	9-9-92	WATER	N/A RWK	8-27-92
TRANS. DEV.	N/A CWO	8-18-92	WASTE WATER	N/A RWK	8-27-92
HYDROLOGY	C.H.	8-2-92			

PROJECT NO. 4518.90 MAP NO. J-23 SHEET 30 OF 30

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