

[illegible]

NOTICE TO CONTRACTORS

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION.
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 NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO 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 CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (268-2251) 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 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 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.

APPROVAL OF AS BUILT DRAWING
CHIEF CONSTRUCTION ENGINEER
[Signature]
DATE 2-24-95

△	5, 25	<i>Rog. J. Khan</i>	<i>8/4/92</i>	<i>✓A</i>	—	<i>Meredith M.</i>	<i>BROOKLYN</i>		
REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE		
APPROVAL OF REVISIONS									

DATE	USER	DEPARTMENT
APPROVAL OF REVISIONS		



BOHANNAN HUSTON INC.
ALBUQUERQUE, NEW MEXICO
ENGINEERS PLANNERS PHOTOGRAMMETRISTS

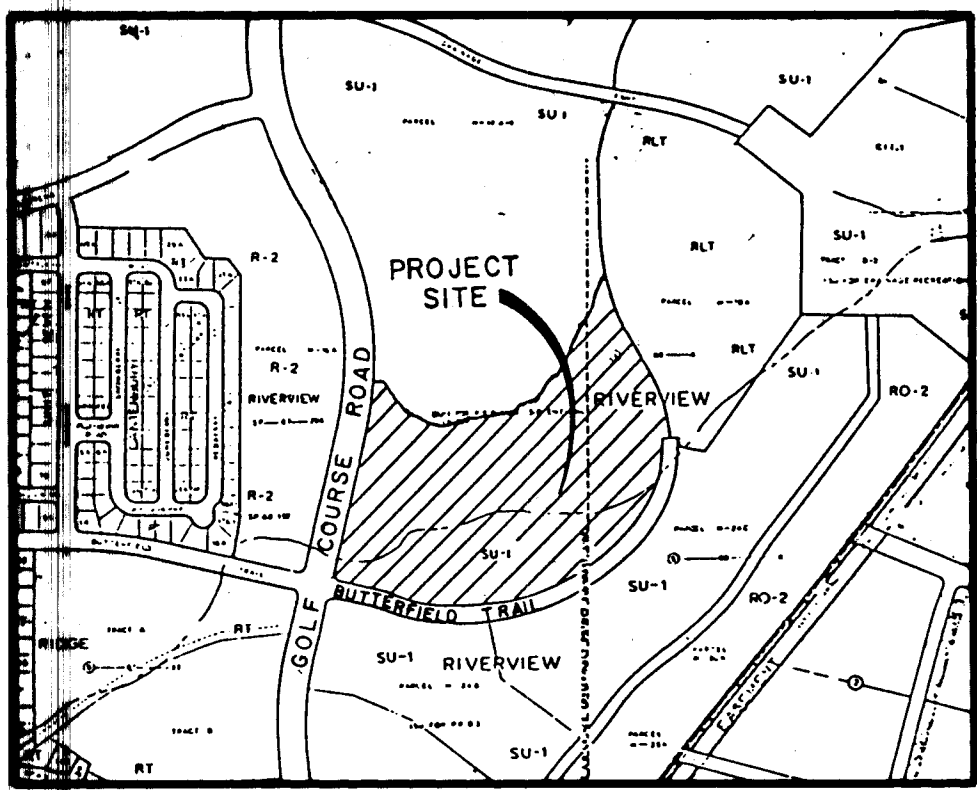
Reginald H. ...
7-12-34 C.F.

4460.90

SHEET 1 OF 26

INDEX	
SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
2	PLAT
3-4	FINAL GRADING AND DRAINAGE PLAN
5	PAVING PLAN
6	UTILITY PLAN
	PAVING & STORM DRAIN PLAN AND PROFILE
7-8	BUTTERFIELD TRAIL
9	CALLE NORTENA
10-11	LOS METATES ROAD
12-13	RIO COLORADO ROAD
14	RIO SALADO DRIVE
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25	OFFSITE GRADING PLAN
26	NMSHTD CONCRETE BOX CULVERT DETAILS

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26		44	60					900	193					



LOCATION MAP
ZONE ATLAS INDEX MAP D-12
NOT TO SCALE

SUBDIVISION DATA

1. NRB No.
2. Zone Atlas Index Map D-12.
3. Zone Subdivision Acreage: 17,8586 Acres.
4. Total number of parcels created: 67 Lots, 1 Parcel.
5. This plat shows existing easements.
6. Date of Survey: February, 1992.
7. Record bearings and distances are shown in parentheses.
8. Dedicated Street Right-of-Way: 3,8507 Acres.
9. All lots marked "PI" shall meet the off-street parking criteria of the City of Albuquerque Comprehensive Zoning Code.

NOTES

1. Site is located within Section 24, T11N, R2E, N.M.P.M.
2. Bearings are New Mexico State Plane Grid Bearings (Central Zone).
3. Distances are ground distances.
4. A prior agreement for utility of infrastructure improvements is associated with improvement requirements identified by and referenced within the Riverview Sector Development Plan. This document was filed on July 15, 1986 in Misc. Bk. 372A, page 304-316 as Document No. 86-64321.

DISCLOSURE STATEMENT

The purpose of this Replat is to subdivide Parcel H-17A-1B1 into two (2) lots and grant easements.

PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS shown on this plat are ten (10) feet wide and are for the common joint use of:

- A. The Public Service Company of New Mexico for the installation, maintenance, and service of overhead and underground electrical lines, transformers, and other equipment, structures and related facilities reasonably necessary to provide electrical service.
- B. The Gas Company of New Mexico for the installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
- C. U.S. West for the installation, maintenance and service of all buried and aerial communication lines, and other related equipment and facilities reasonably necessary to provide communication services, including but not limited to above ground pedestals and closures.
- D. Jones Interchange for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included in the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate, and maintain facilities for the purpose described above, together with free access to, from, and over said easements, including sufficient working area, space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purpose set forth herein. No building, sign, pool (above ground or subsurface), hot tub, concrete or wood pool decking, or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of National Electric Safety Code caused by construction of pools, decking, or structures adjacent to or near easements shown on this plat.

DESCRIPTION

A certain tract of land situated within Section 24, T11N, R2E, N.M.P.M., City of Albuquerque, Bernalillo County, New Mexico, being Parcel H-17A-1B1, RIVERVIEW ESTATES, as the same is shown and designated on the plat thereof filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 20, 1992, in Volume 92C, folio 95.

FREE CONSENT AND DEDICATION

The foregoing Replat of that certain tract of land being a portion of Section 24, T11N, R2E, N.M.P.M., within the City of Albuquerque, Bernalillo County, New Mexico, being Parcel H-17A-1B1, RIVERVIEW ESTATES, as the same is shown and designated on the plat thereof filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 20, 1992, in Volume 92C, folio 95, and now hereon shown and comprising RIVERVIEW ESTATES, is with free consent and in accordance with the desires of the undersigned owner(s) and/or proprietor(s) thereof, and said owner(s) and/or proprietor(s) do hereby dedicate Tract A to the City of Albuquerque as Open Space and do also hereby dedicate additional road right-of-way and Public Pedestrian Access right-of-way, and do hereby grant all easements as shown on this plat. Electrical Power and Communication easements are reserved for buried distribution lines, conduits, and pipes for underground utilities, and other related equipment where shown or indicated, and including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs.

PASEO DEL NORTE JOINT VENTURE
A New Mexico General Partnership

Robert M. Murphy, President
Sandia Peak Tram Company
Managing Agent for Paseo Del Norte Joint Venture
State of New Mexico
County of Bernalillo

The foregoing instrument was acknowledged before me this _____ day of _____, 1992, by Robert M. Murphy, President of Sandia Peak Company, managing agent for Paseo Del Norte Joint Venture.

My Commission Expires: _____

Notary Public

APPROVALS

PLAT NUMBER _____

PLANNING DIRECTOR DATE _____

CITY ENGINEER DATE _____

A.M.A.F.C.A. DATE _____

TRAFFIC ENGINEER DATE _____

CITY SURVEYOR DATE _____

PROPERTY MANAGEMENT DATE _____

UTILITY DEVELOPMENT DEPARTMENT DATE _____

PARKS AND RECREATION DEPARTMENT DATE _____

PUBLIC SERVICE COMPANY OF NEW MEXICO DATE _____

U.S. WEST COMMUNICATIONS DATE _____

GAS COMPANY OF NEW MEXICO DATE _____

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID

ON UPC# _____

PROPERTY OWNER OF RECORD# _____

BERNALILLO COUNTY TREASURER'S OFFICE DATE _____

SURVEYOR'S CERTIFICATION

I, A. Dwin Weaver, 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.

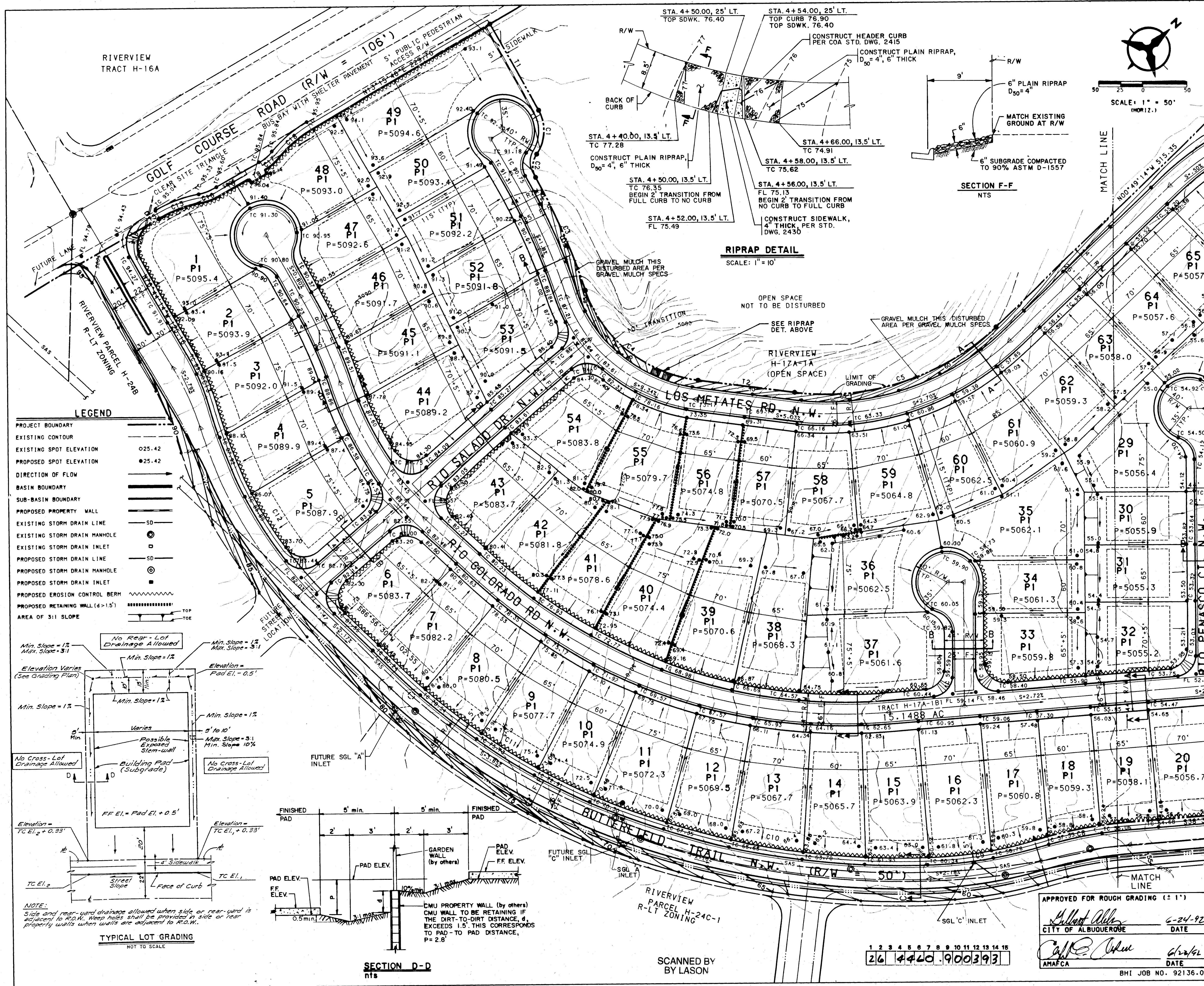
Behannon-Huston, Inc.
Courtney I.
7500 Jefferson Street N.E.
Albuquerque, New Mexico 87109

A. Dwin Weaver
New Mexico Surveyor 6544
Date: _____

PLAT OF
RIVERVIEW ESTATES
ALBUQUERQUE, NEW MEXICO
JUNE, 1992

CURVE DATA

NUMBER	ARC	RADIUS	DELTA	CHORD	CHORD BEARING	TANGENT
C1	50.90	45.00	64°49'18"	48.23	S44°19'40"E	28.58
C2	138.87	810.00	9°14'51"	81.98	S89°30'45"E	10.61
C3	172.28	155.00	63°40'54"	163.24	N82°30'35"E	96.26
C5	247.13	275.00	51°29'22"	238.90	N24°55'27"E	132.61
C6	75.34	1029.00	4°25'04"	79.32	S89°14'17"E	34.32
C7	39.27	25.00	90°00'00"	35.36	S06°28'49"E	25.00
C8	108.25	525.00	11°48'52"	108.06	S32°38'45"E	178.88
C9	121.47	475.00	14°39'07"	121.14	S34°03'53"E	61.07
C10	352.70	890.58	22°41'27"	350.40	S52°44'10"E	186.52
C11	267.30	501.11	30°33'40"	264.14	N77°46'37"E	136.81
C12	181.35	722.53	22°51'37"	181.35	S75°30'42"E	146.08
C13	76.81	309.00	14°14'29"	76.81	N89°36'59"E	30.60
C14	85.85	320.00	17°00'00"	85.85	N81°44'14"E	30.60
C15	49.46	140.00	20°14'25"	49.20	N23°22'58"E	24.99
C16	21.20	60.00	20°14'25"	21.09	N03°08'33"E	10.71
C17	21.20	60.00	20°14'25"	21.09	N03°08'33"E	10.71
C18	49.46	140.00	20°14'25"	49.20	N03°08'33"E	24.99
C19	152.40	788.00	11°04'51"	152.16	S71°11'24"E	76.40
C20	196.73	177.00	63°40'54"	186.76	N82°30'35"E	109.82
C21	52.47	177.00	17°52'52"	55.02	S74°35'25"E	27.85
C22	141.49	177.00	45°48'01"	137.75	N73°34'09"E	74.77
C23	266.90	297.00	15°21'23"	258.01	N24°55'27"E	143.22
C24	197.51	303.00	37°20'55"	194.03	N17°51'13"E	102.41
C25	110.55	515.00	12°14'38"	109.85	S70°36'30"E	55.24
C26	180.07	361.10	28°34'20"	178.21	S78°46'20"E	91.95
C27	151.55	320.00	21°02'58"	151.55	S85°36'16"E	76.80
C28	107.44	361.10	17°02'53"	107.05	N87°32'10"E	54.12
C29	506.40	600.00	48°21'29"	491.24	N62°45'46"E	269.39
C30	93.38	40.00	133°45'10"	73.57	S53°32'41"E	83.67
C31	19.06	25.00	43°41'27"	18.61	N81°25'27"E	10.02
C32	93.47	493.00	2°15'46"	93.47	S75°35'58"E	9.74
C33	32.96	309.00	6°06'41"	32.94	N73°40'54"E	16.49
C34	75.38	493.00	8°47'03"	75.31	S70°04'33"E	37.86
C35	32.64	501.11	3°43'56"	32.64	N64°21'43"E	16.33
C36	43.55	309.00	9°07'49"	43.31	N66°13'33"E	21.96
C37	10.22	493.00	1°11'15"	10.22	S85°05'24"E	5.11
C38	40.63	393.00	6°18'50"	40.63	S84°00'00"E	20.37
C39	70.51	501.11	8°03'42"	70.45	N70°15'31"E	35.31
C40	34.65	250.00	8°34'18"	33.38	S39°49'26"E	22.42
C41	41.60	250.00	9°00'00"	39.96	S78°26'45"E	36.42
C42	72.70	501.11	8°18'45"	72.46	N78°56'25"E	36.42
C43	41.60	250.00	9°00'00"	39.96	N45°29'54"E	27.34
C44	37.04	250.00	8°45'47"	33.74	N44°30'06"E	22.86
C45	47.06	622.00	4°20'05"	47.05	N84°46'27"E	23.54
C46	39.52	722.53	2°52'47"	39.52	S84°50'47"E	23.54
C47	29.52	722.53	2°20'28"	29.28	S85°46'16"E	14.76
C48	64.39	622.00	5°55'53"	64.36	N79°38'28"E	32.22
C49	80.86	722.53	5°55'53"	80.81	N81°25'31"E	40.47
C50	82.76	622.00	5°46'54"	82.74	N73°47'05"E	31.41
C51	70.77	622.00	5°46'54"	70.75	S84°50'47"E	35.40
C52	57.93	622.00	5°10'10"	57.91	N68°13'33"E	28.89
C53	69.88	722.53	6°40'09"	69.85	N62°13'24"E	36.24
C54	72.40	622.00	6°40'09"	72.36	N62°13'24"E	36.24
C55	2.40	622.00	6°40'09"	2.39	S85°23'07"E	1.44
C56	32.88	722.53	2°36'27"	32.88	S85°23'07"E	16.44
C57	62.74	622.00	5°46'54"	62.71	N55°59'37"E	31.39
C58	75.72	890.58	4°52'17"	75.69	S84°51'05"E	37.88
C59	67.55	622.00	6°13'22"	67.52	N49°59'54"E	33.81
C60	61.96	622.00	6°13'22"	61.96	S84°50'47"E	41.02
C61	57.90	622.00	5°19'59"	57.87	N44°13'14"E	26.87
C62	70.77	622.00	5°19'59"	70.75	S84°50'47"E	35.40
C63	70.42	890.58	4°31'50"	70.40	S43°39'21"E	35.23
C64	42.25	622.00	4°31'50"	42.25	N62°13'24"E	36.24
C65	71.17	475.00	8°35'07"	71.11	S37°05'53"E	16.13
C66	15.05	250.00	8°35'07"	15.05	S43°39'21"E	25.17
C67	50.29	475.00	6°04'00"	50.27	S29°46'19"E	20.10
C68	60.46	250.00	6°35'54"	60.43	S31°44'27"E	30.26
C69	42.25	475.00	6°35'54"	42.19	S36°47'47"E	15.17
C70	39.26	250.00	89°58'10"	35.35	N63°34'06"E	24.99
C71	37.33	250.00	89°58'10"	33.98	N44°13'14"E	26.87
C72	41.18	250.00	84°23'14"	36.68	N89°46'38"E	26.99
C73	13.83	400.00	62°48'45"	13.83	N47°25'07"E	24.41
C74	49.58	400.00	71°00'45"	46.46	S34°41'08"E	28.54
C75	16.39	400.00	71°00'45"	16.39	S89°46'38"E	26.99
C76	27.71	250.00	63°30'10"	26.31	S78°46'50"E	15.47
C77	37.36	250.00	89°58'10"	33.98	N44°13'14"E	26.87
C78	26.35	400.00	38°01'28"	26.06	N86°02'29"E	13.78
C79	42.25	400.00	61°32'40"	42.25	N73°34'09"E	74.77
C80	95.23	400.00	36°24'36"	74.28	S34°47'47"E	100.03
C81	5.26	400.00	73°1'49"	5.25	S73°39'59"E	49.12
C82	98.01	578.00	9°42'57"	97.80	S43°26'30"E	37.74
C83	75.38	578.00	9°42'57"	75.33	S52°02'08"E	37.74
C84	81.19	578.00	8°02'55"	81.13	S59°47'45"E	40.66
C85	87.01	578.00	8°37'31"	86.93	S68°07'58"E	37.77
C86	75.13	578.00	7°28'37"	75.37	S76°11'00"E	37.77
C87	70.81	578.00	7°01'09"	70.77	S83°25'55"E	35.45
C88	41.60	250.00	9°00'00"	39.96	N45°29'54"E	27.34
C89	42.73	250.00	9°55'09"	37.71	S51°01'17"E	28.72
C90	66.33	339.10	11°32'45"	66.22	N64°14'45"E	34.28
C91	23.60	339.10	3°59'13"	23.59	N66°28'47"E	11.80
C92	42.44	537.00	4°31'41"	42.43	N66°45'01"E	21.23
C93	19.06	250.00	7°29'32"	19.06	N72°45'37"E	35.16
C94	2.10	537.00	0°13'26"	2.10	N76°37'06"E	1.02
C95	19.06	250.00	43°41'26"	18.61	N84°33'05"E	10.02
C96	14.84	400.00	21°15'14"	14.75	S43°39'59"E	7.51
C97	78.45	400.00	112°22'32"	66.47	S89°31'09"E	59.72
C98	81.55	400.00	116°48'40"	68.14	S44°51'52"E	65.03
C99	54.06	400.00	77°26'23"	50.04	S52°15'38"E	32.07
C100	6.22	250.00	14°50'00"	6.20	S83°51'20"E	3.12
C101	40.29	475.00	6°04'00"	40.27	S29°46'19"E	20.06
C102	60.46	250.00	6°35'54"	60.43	S31°44'27"E	30.26
C103	42.25	250.00	6°35'54"	42.25	N62°13'24"E	36.24
C104	22.80	199.00	6°35'31"	22.88	N86°56'44"E	11.46
C105	32.42	250.00	74°16'39"	42.56	N77°20'35"E	19.84
C106	42.64	199.00	18°18'46"	42.64	N62°03'12"E	32.06
C107	42.64	199.00	12°16'39"	42.56	N77°20'35"E	19.40
C108	63.60	199.00	18°18'46"	63.60	N62°03'12"E	32.06
C109	7.74	199.00	2°13'41"	7.74	S51°46'58"E	3.87
C110	6.75	319.00	10°59'09"	6.75	N43°57'48"E	30.68
C111	61.17	319.00	11°00'10"	61.07	N43°57'48"E	30.68
C112	61.38	319.00	10°59'15"	61.17	N21°12'30"E	28.34
C113	61.38	319.00	11°00'10"	61.17	N43°57'48"E	30.72
C114	33.12	319.00	9°56'57"	33.11	N02°09'13"E	16.58
C115	61.95	281.00	12°37'57"	61.83	N05°29'44"E	31.01
C116	87.47	281.00	17°50'03"	87.11	N20°43'44"E	41.09
C117	45.08	250.00	103°19'29"	39.22	N81°18'31"E	31.61
C118	40.87	1029.00	2°15'52"	40.66	S48°09'00"E	25.00
C119	40.87	1029.00	2°15'52"	40.66	S48°09'00"E	25.00
C120	30.39	501.11	5°45'42"	30.27	S85°29'58"E	25.22
C121	30.39	501.11	5°45'42"	30.27	N85°12'30"E	25.22
C122	30.39	501.11	5°45'42"	30.27	N85°12'30"E	25.22
C123	193.35	325.00	34°05'12"	190.51	N16°13'22"E	99.63
C124	193.35	325.00	34°05'12"	190.51	N16°13'22"E	99.63
C125	176.62	400.00	255°11'17"	63.10	S36°58'46"E	0.00
C126	176.62	400.00	255°11'17"	63.10	N16°13'22"E	0.00
C127	176.62	400.00	243°50'10"	68.03	S31°13'10"E	0.00



SEE NOTE #4

TYPICAL STEPPED FOOTING DETAIL
NO SCALE

PLACE 12"x16" DUMMY PILASTER BLOCK (STD. 12"x16" CMU AT PROPERTY CORNERS AND AT 12'-0" SPACING ALONG WALL)

PILASTER DETAIL
NO SCALE

OPTION: #3x48" OR EXTEND #5 TO TOP OF WALL

3' RETAINING WALL
NO SCALE

GRAVEL MULCH SPECIFICATION

All seeding with gravel mulch shall conform to the City of Albuquerque Standard Specifications for Public Works Construction, latest edition, Section No. 1011. Seeding, Class 'A'. Materials and operations for Class A Seeding shall be used unless the required operations become impossible to conduct safely. Use the same seed mix as on Sheet 25 of these plans.

The following specifications shall be added to Section 1011.3.4:

- Gravel mulch shall be substituted for hay mulch.
- Gravel mulch shall be 1 1/2" to 2" river run gravel obtainable by local sources. Seed shall be applied at the rate specified above. Gravel shall be mixed with 10% clean native soils, "not containing extraneous debris that are detrimental to plant growth or seed germination", and applied in a 2" mulch layer.

AS BUILT INFORMATION

CONTRACTOR: *Unlabeled*

STATION: IS A STANDARD USGS BRASS TABLE

STAMPED: "JUNE 1969" SET IN CONCRETE

PROJECT: 0.2 FEET ABOVE GROUND, LOCATED 489 FEET WEST OF THE INTERSECTION OF SAN ANTONIO DRIVE AND TENNYSON STREET, AND 35 FEET NORTH OF RIGHT-OF-WAY LINE OF SAN ANTONIO DRIVE.

RECORDED BY: *Unlabeled*

DATE: 6-15-92

ELEV.: 6009.155'

ENGINEER'S SEAL

REVISIONS

NO.	DATE	REMARKS
1	6/30/92	ADD FUTURE DRAIN INLETS

APPROVALS

ENGINEER	DATE	APPROVALS	ENGINEER	DATE
<i>Robert Allen</i>	7/7/92	WATER	<i>N/A</i>	
<i>N/A</i>		WASTE WATER	<i>N/A</i>	
<i>N/A</i>			<i>N/A</i>	

APPROVED FOR ROUGH GRADING (2")

Robert Allen 6-24-92
CITY OF ALBUQUERQUE
DATE

Robert Allen 6/24/92
DATE

AMAFCA

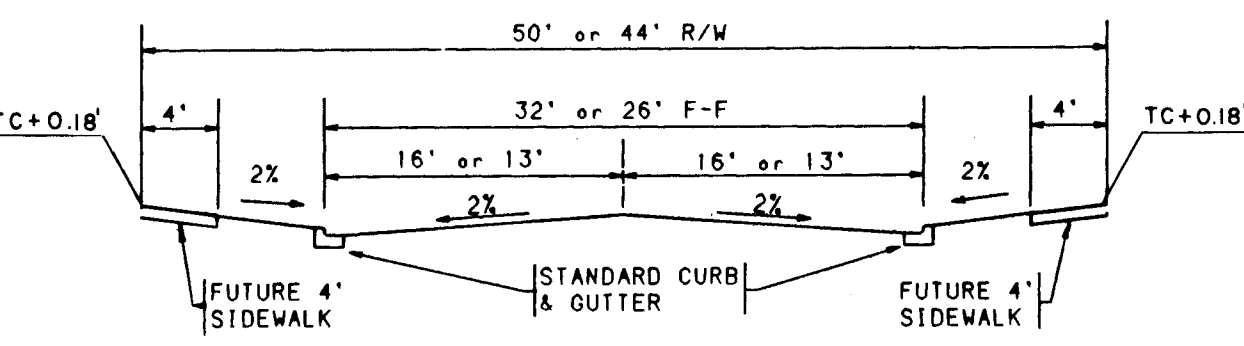
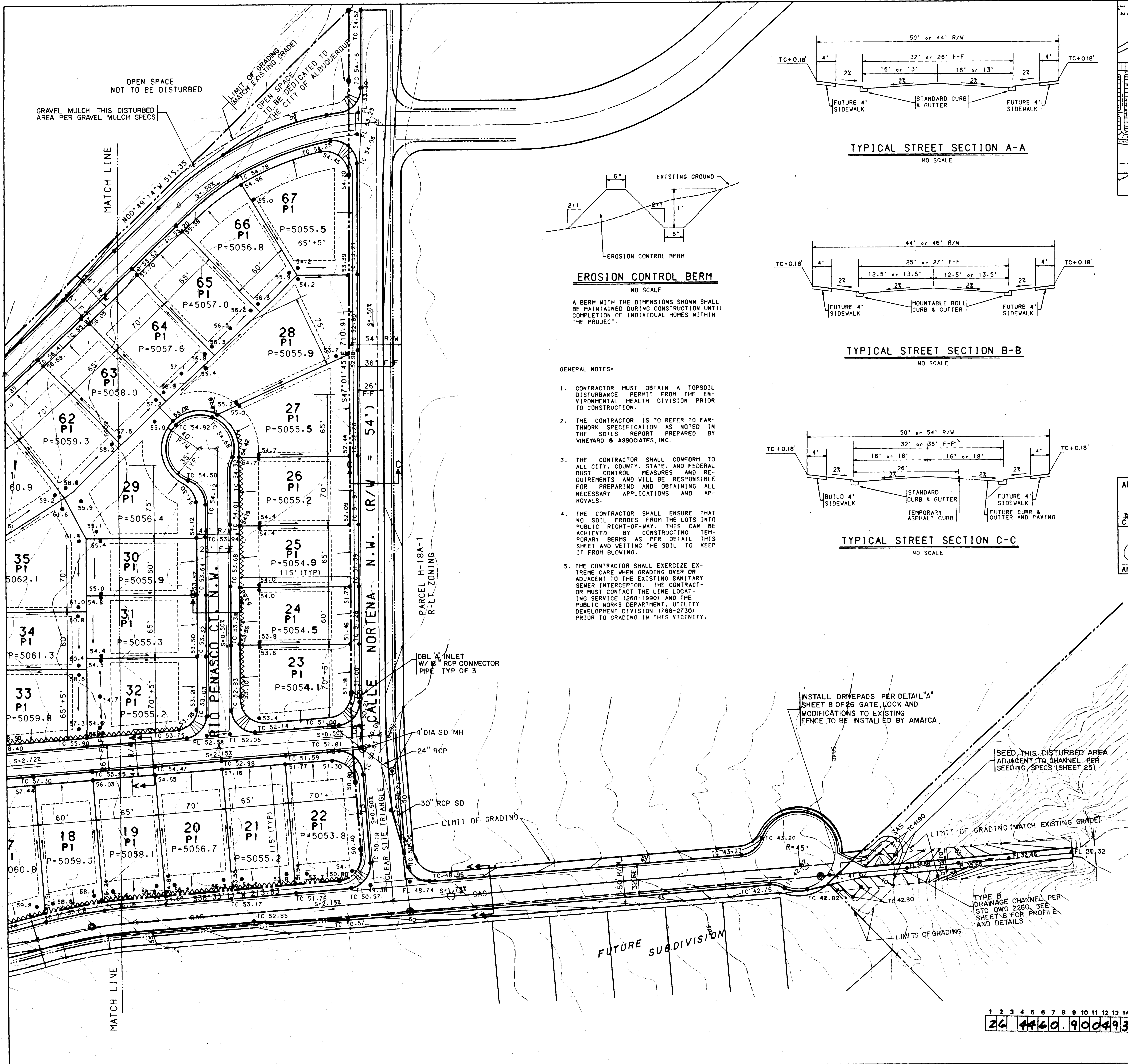
BH1 JOB NO. 92136-01

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

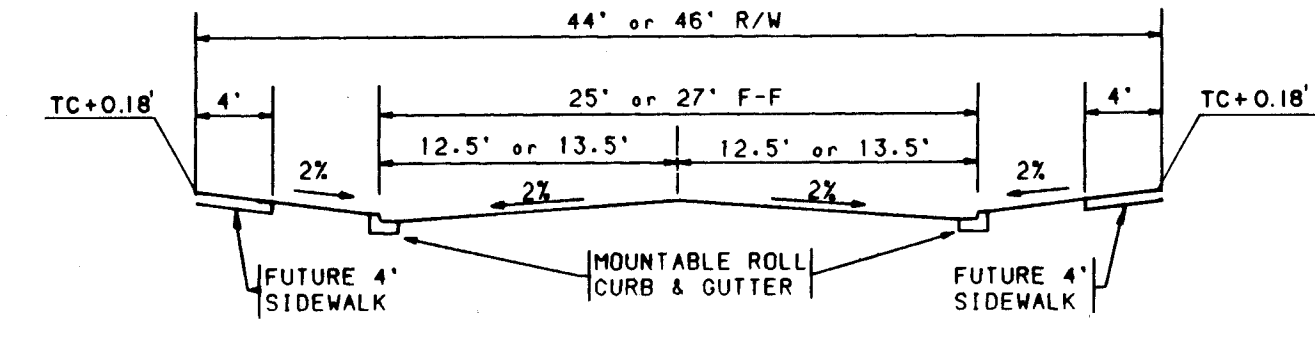
RIVERVIEW ESTATES SUBDIVISION
FINAL GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	<i>Robert Allen</i>	7/7/92	WATER	<i>N/A</i>	
TRANSPORTATION	<i>N/A</i>		WASTE WATER	<i>N/A</i>	
HYDROLOGY	<i>N/A</i>			<i>N/A</i>	

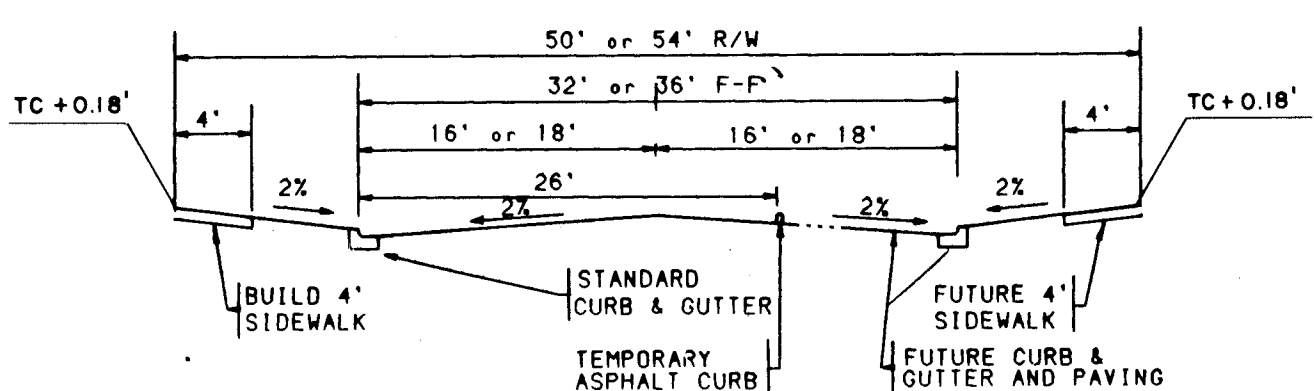
DRAWING NO. 4460.90 MAP NO. D-12 SHEET 3 OF 25



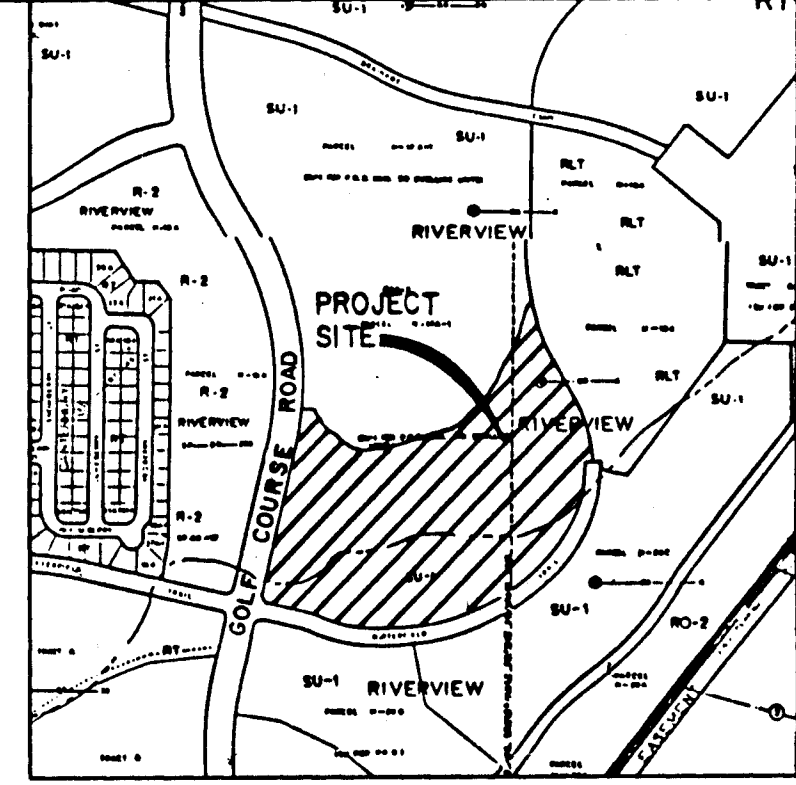
TYPICAL STREET SECTION A-A
NO SCALE



TYPICAL STREET SECTION B-B
NO SCALE



TYPICAL STREET SECTION C-C
NO SCALE



LOCATION MAP
ZONE ATLAS MAP NO. C-12, D-12
NO SCALE

LEGEND

PROJECT BOUNDARY	---
EXISTING CONTOUR	---
EXISTING SPOT ELEVATION	○25.42
PROPOSED SPOT ELEVATION	●25.42
DIRECTION OF FLOW	→
BASIN BOUNDARY	---
SUB-BASIN BOUNDARY	---
PROPOSED PROPERTY 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	---

APPROVED FOR ROUGH GRADING (± 1')
[Signature] 6-24-92
CITY OF ALBUQUERQUE DATE
[Signature] 6/24/92
AMAFCA DATE

- 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 (1-3%) 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.
 3. 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 DOWEL 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 SECTION 24. LOWLIFT GROUTING METHOD.
 6. OMISSION OF A VERTICAL MORTAR JOINT ON FIRST COURSE AT 48" O.C. SHALL BE USED FOR WEEP HOLES. WHITE SLUMP BLOCK WITH MINIMUM COMPRESSIVE STRENGTH OF 1500 PSI MAY BE SUBSTITUTED FOR STANDARD CMU GRADE N.
 7. DESIGN DATA
BLOCK WEIGHT 12" = 130 PSF
BLOCK WEIGHT 8" = 85 PSF
SOIL WEIGHT = 120 PCF
EQUIV. FLUID PRESSURE = 32 PCF
SOIL BEARING PRESSURE = 1500 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.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
STATION IS A STANDARD USGS BRASS TABLE		STAMPED "TUMBLE 1969" SET IN CONCRETE		DATE		NO.	
CONTRACTOR <i>[Signature]</i>		INSPECTOR <i>[Signature]</i>		DATE		NO.	
PROJECT NO. 4460.90		PROJECT LOCATION 489 FEET WEST OF THE INTERSECTION OF SAN ANTONIO DRIVE AND TENNIS STREET, AND 35 FEET NORTH OF RIGHT-OF-WAY LINE OF SAN ANTONIO DRIVE.		DATE		NO.	
ELEV. = 6009.155'		DATE		DATE		DATE	
RECORDED BY		NO.		REMARKS		BY	
DESIGNED BY JPK / KLD		DATE 5/92		REVISIONS		BY	
DRAWN BY TSG		DATE 5/92		DESIGN		BY	
CHECKED BY JPK		DATE 5/92		NO. DATE		BY	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

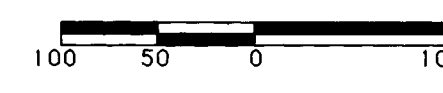
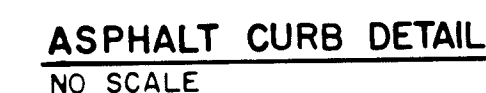
RIVERVIEW ESTATES SUBDIVISION
FINAL GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>[Signature]</i>	7/1/92	WATER	<i>[Signature]</i>	
TRANSPORTATION	<i>[Signature]</i>		WASTE WATER	<i>[Signature]</i>	
HYDROLOGY	<i>[Signature]</i>	7/2/92			
AMAFCA	<i>[Signature]</i>	7-2-92			

DRAWING NO. 4460.90 MAP NO. D-12 SHEET 4 OF 25

BHI JOB NO. 92136.01

DESIGNED BY JPK / KLD
DRAWN BY TSG
CHECKED BY JPK



SCALE: 1" = 100'

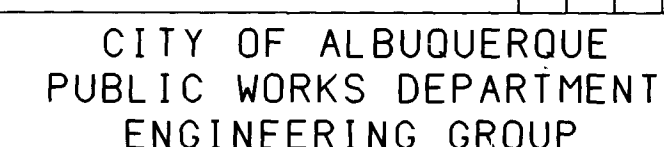
BHI JOB NO. 92136.01

2	3	4	5	6	7	8	9	10	11	12	13	14	15
26	44	60	90	05	93								

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 EMD 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.

2	7/28/92	REVISE STREET LIGHTS	JPK
Δ	6/30/92	ADD FUTURE DROP INLETS	JPK
NO.	DATE	REMARKS	BY
<i>REVISONS</i>			
DESIGN			
DESIGNED BY JPK			DATE 5/90
DRAWN BY JAQ			DATE 5/90

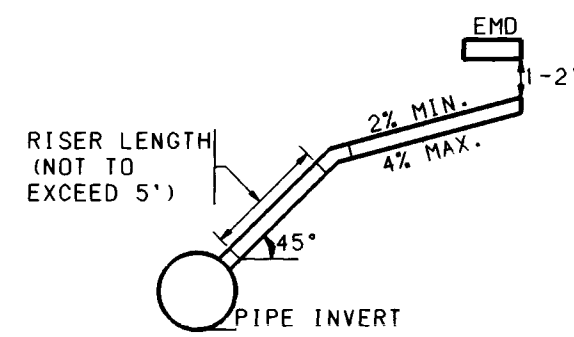
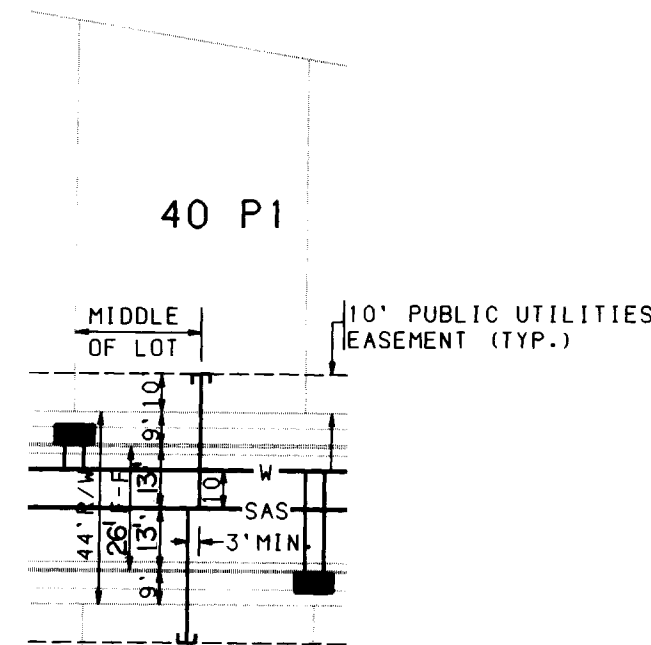


TITLE:	RIVERVIEW ESTATES PAVING PLAN
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APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>[Signature]</i>	7-7-92	WATER	<i>[Signature]</i>	6-22-92
TRANSPORTATION	<i>[Signature]</i>	6-25-92	WASTE WATER	<i>[Signature]</i>	"
HYDROLOGY	<i>[Signature]</i>	7-02-92			

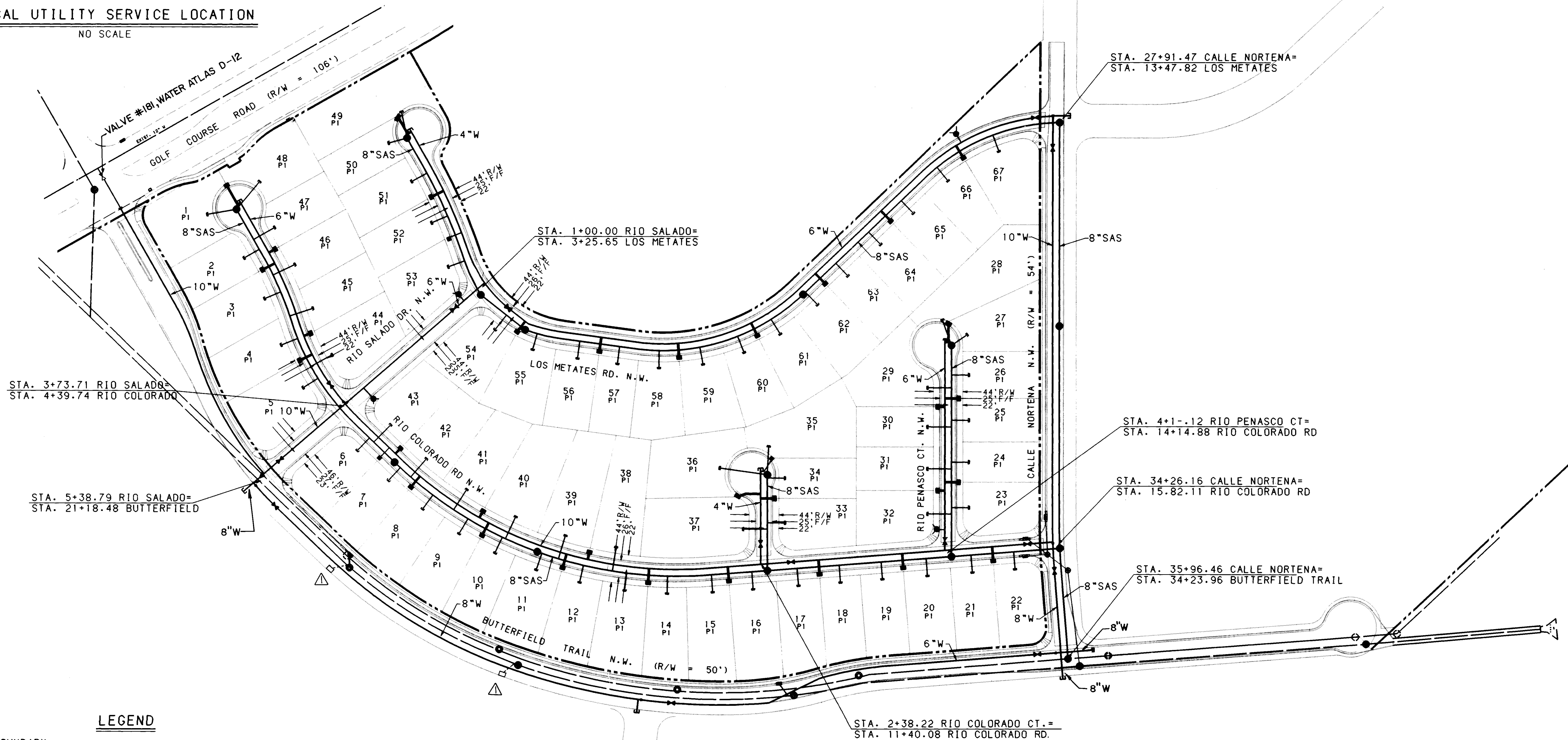
DRAWING NO.	4460.90	MAP NO.	D-12	SHEET 5 OF 26
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SCANNED BY
BY LASON



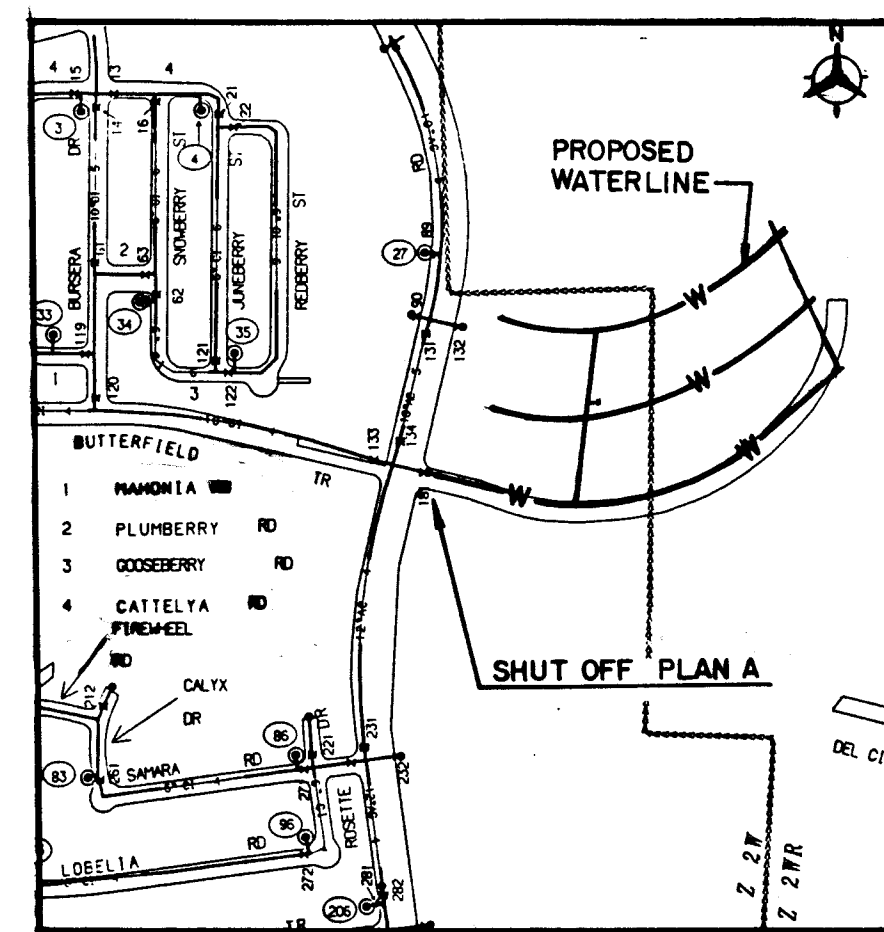
SERVICE RISER DETAIL
(SERVICE CONNECTION & INSTALLATION TO CONFORM TO COA STD. DWG. 2134. USE CI SOIL PIPE ONLY)

TYPICAL UTILITY SERVICE LOCATION
NO SCALE



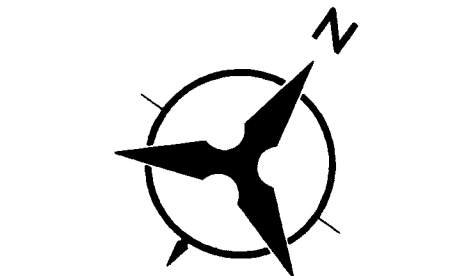
LEGEND

PROJECT BOUNDARY	---
PROPOSED 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	---
EXISTING STORM DRAIN LINE	SD



WATER VALVE SHUT OFF PLAN
NO SCALE MAP D-12

26 4460.90 06 93

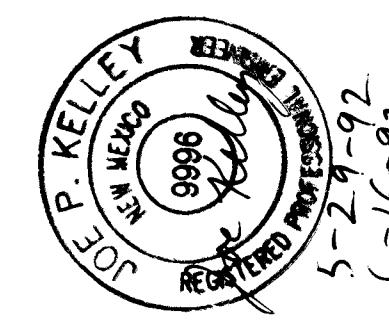


SCALE: 1" = 100'
BHI JOB NO. 92136.01

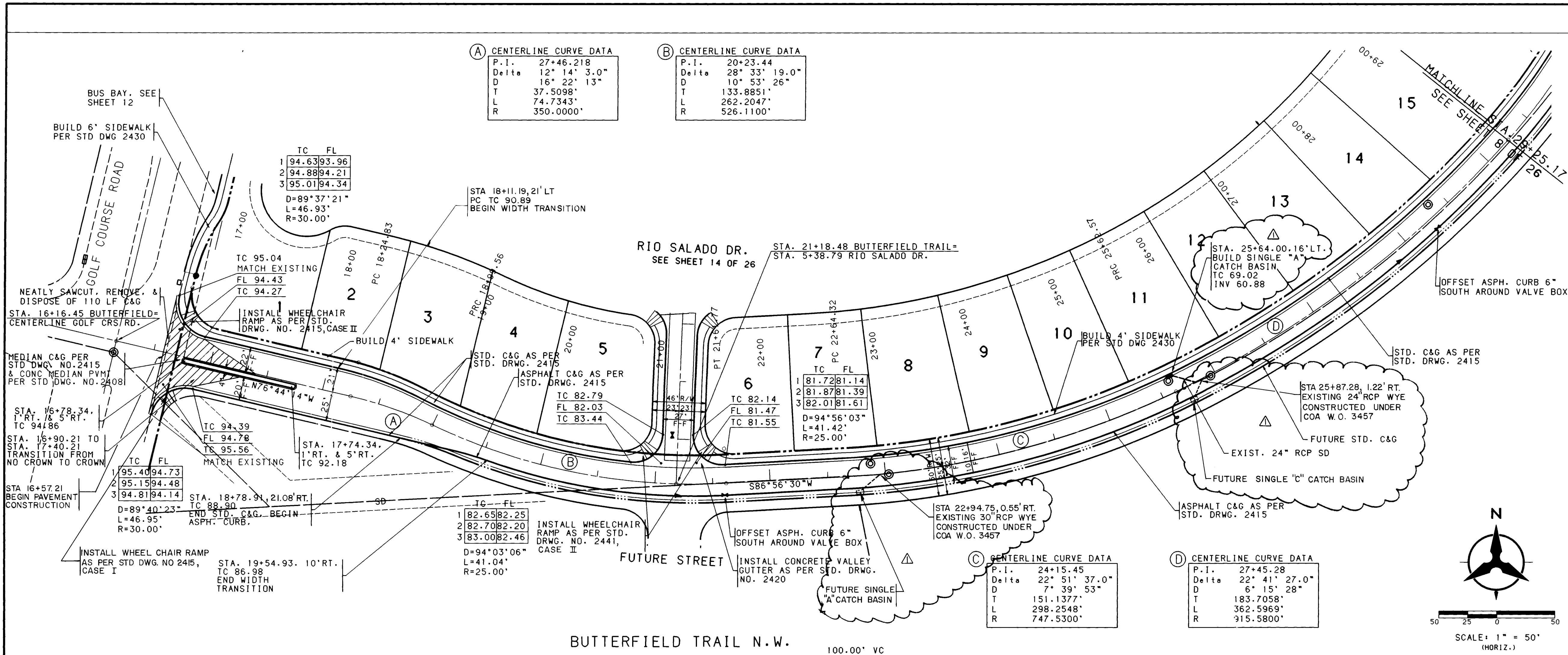
- NOTES**
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 11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
 12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

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: PWDM/WATER SYSTEMS DIVISION (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN.
CLOSE VALVES
A) GOLF COURSE RD 181

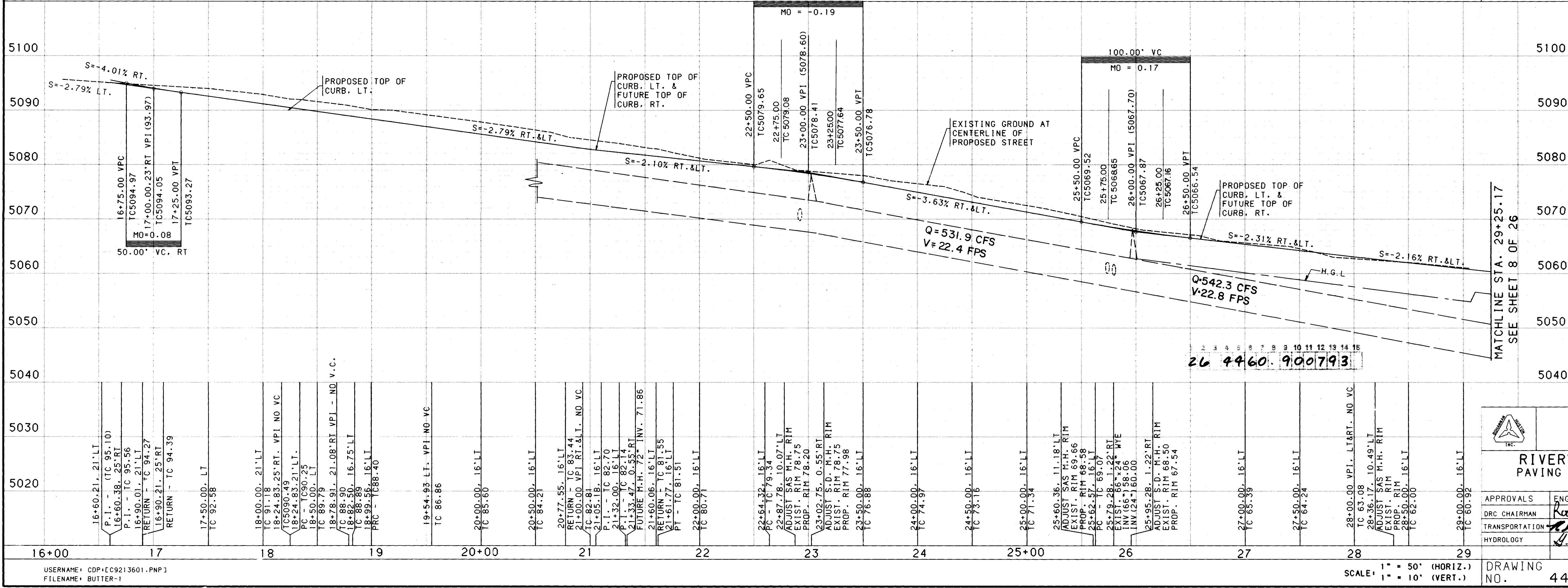
AS BUILT INFORMATION			
CONTRACTOR	DATE	BY	NO.
INSPECTOR'S	DATE	BY	NO.
FIELD LOCATION BY	DATE	BY	NO.
CORRECTED BY	DATE	BY	NO.
MICRO-FILM INFORMATION			
RECORDED BY	DATE	BY	NO.
NO.	DATE	BY	NO.



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE: RIVERVIEW ESTATES SUBDIVISION UTILITY PLAN			
APPROVALS	ENGINEER	DATE	APPROVALS
DRC CHAIRMAN	7-7-92	WATER	6-22-92
TRANSPORTATION	6-25-92	WASTE WATER	
HYDROLOGY	7-02-92		
DRAWING NO.	4460.90	MAP NO.	D-12
SHEET	6	OF	26



- NOTES**
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 12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.



ENGINEER'S SEAL

AS-BUILT INFORMATION

CONTRACTOR *Universal*

INSPECTOR *Universal*

DATE *7-1-92*

STATION *29+25.17*

TABLET *STAMPED "HUGHES, 1954"*

CONCRETE POST *PROJECTING 0.3 FT. ABOVE THE GROUND. TO REACH THE STATION FROM THE INTERSECTION OF CENTRAL AVE. AND COORS GO NORTH OF THIS POINT TO A FENCED-IN PRAIRIE ON THE WEST SIDE OF COORS RD ELEV. 5049.93*

NO. *80201*

DATE *6/90*

BY *JPK*

REMARKS

DESIGN

DATE *4/92*

DESIGNED BY *JPK/KLD*

DRAWN BY *ORC/ISG*

CHECKED BY *JPK*

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

ENGINEERING

RIVERVIEW ESTATES SUBDIVISION

PAVING AND STORM DRAIN PLAN & PROFILE

BUTTERFIELD TRAIL

APPROVALS

ENGINEER *7-7-92*

DATE *7-7-92*

WATER

TRANSPORTATION *7-7-92*

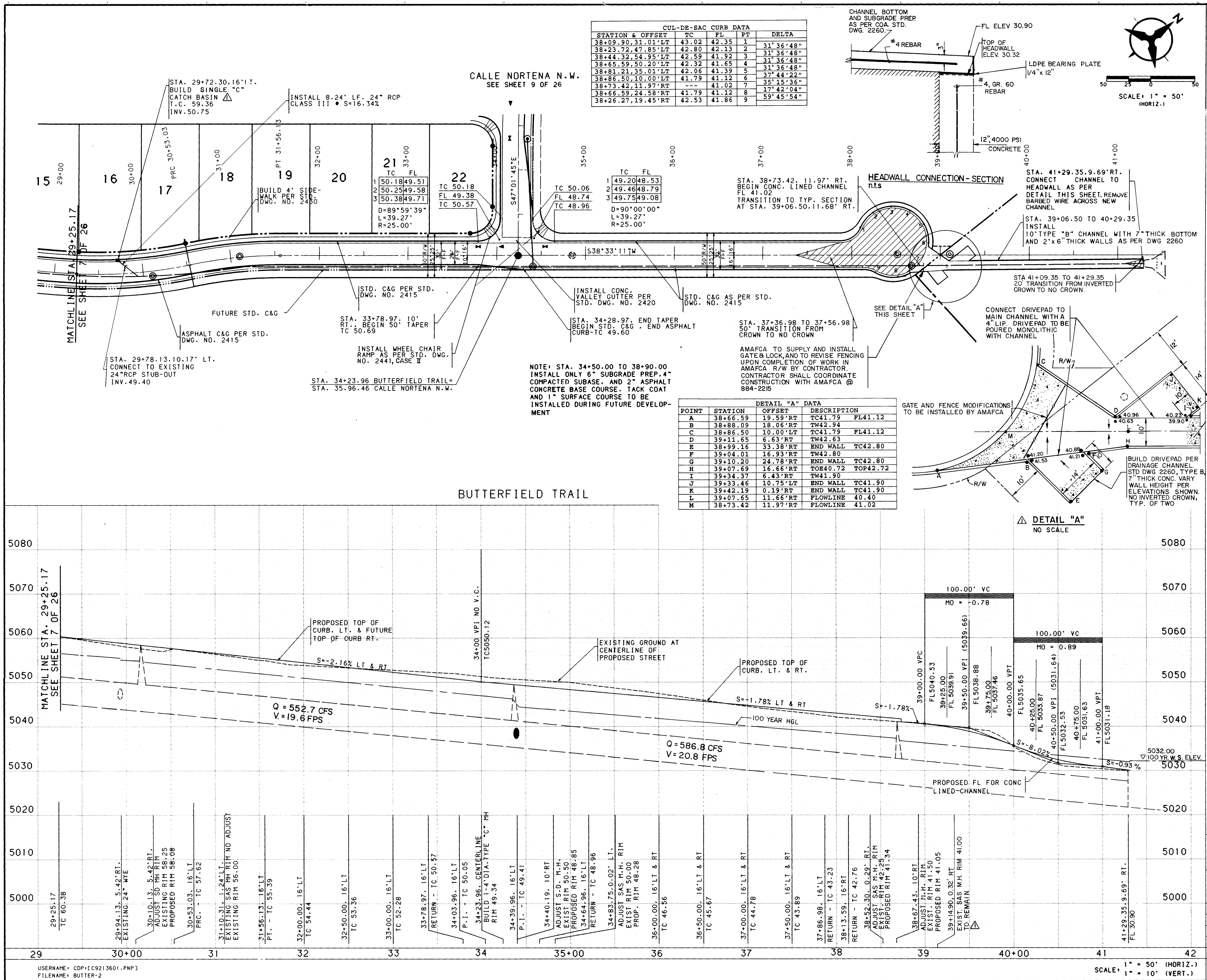
WASTE WATER

HYDROLOGY *7-02-92*

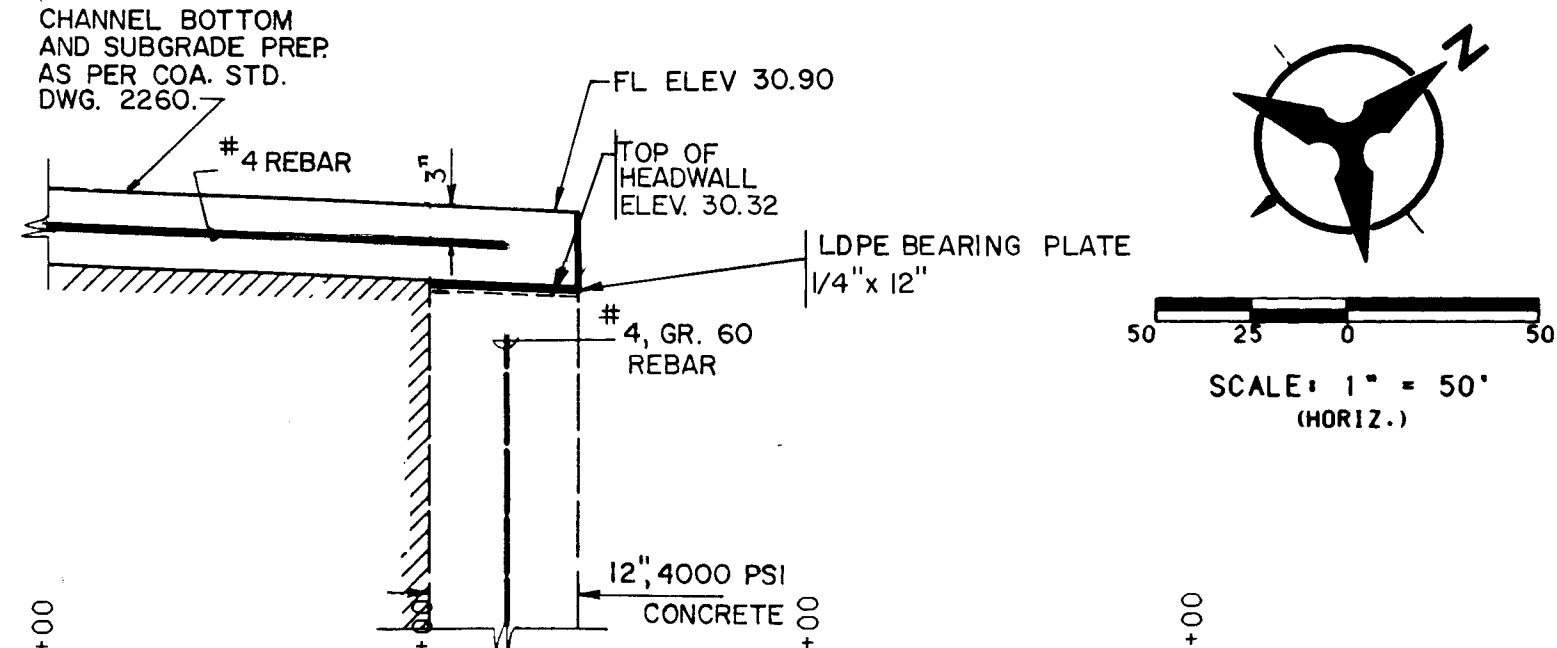
DRAWING NO. *4460.90*

MAP NO. *D-12*

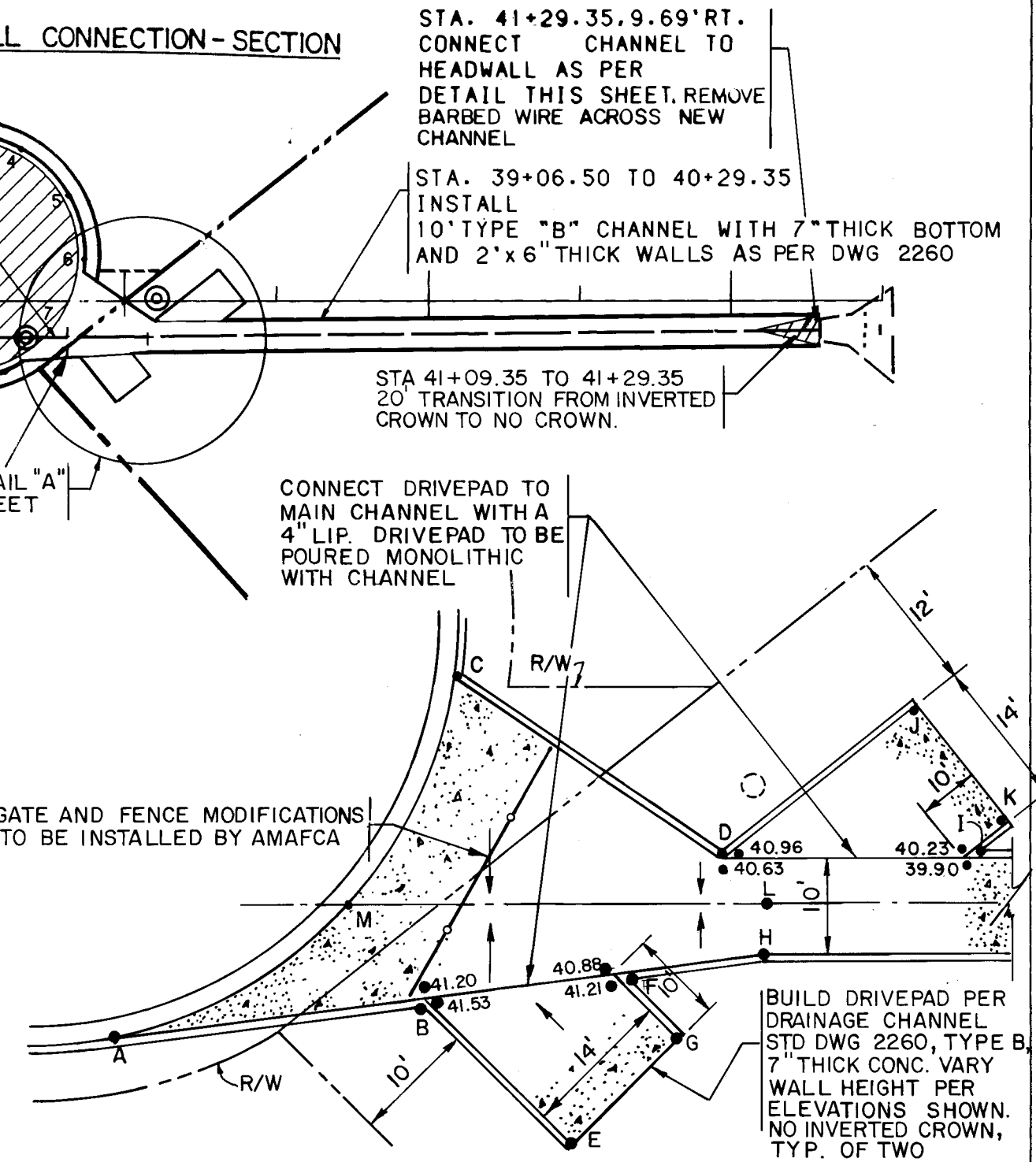
SHEET *7* **OF** *26*



CUL-DE-SAC CURB DATA				
STATION & OFFSET	TC	FL	RT	DELTA
38+09.90, 31.01' LT	43.02	42.35	1	31' 36" 48"
38+23.72, 47.85' LT	42.80	42.13	2	31' 36" 48"
38+44.32, 54.95' LT	42.59	41.92	3	31' 36" 48"
38+65.59, 50.20' LT	42.32	41.65	4	31' 36" 48"
38+81.21, 35.01' LT	42.06	41.39	5	31' 36" 48"
38+86.50, 10.00' LT	41.79	41.12	6	35' 15" 36"
38+73.42, 11.97' RT	41.79	41.12	7	17' 42" 04"
38+66.59, 24.58' RT	41.79	41.12	8	17' 42" 04"
38+26.27, 19.45' RT	42.53	41.86	9	59' 45" 54"



DETAIL "A" DATA				
POINT	STATION	OFFSET	DESCRIPTION	
A	38+66.59	19.59' RT	TC41.79	FL41.12
B	38+88.09	18.06' RT	TW42.94	
C	38+86.50	10.00' LT	TC41.79	FL41.12
D	39+11.65	6.63' RT	TW42.63	
E	38+99.16	33.38' RT	END WALL	TC42.80
F	39+04.01	16.93' RT	TW42.80	
G	39+10.20	24.78' RT	END WALL	TC42.80
H	39+07.69	16.66' RT	TOB40.72	TOP42.72
I	39+34.37	6.43' RT	TW41.90	
J	39+33.46	10.75' LT	END WALL	TC41.90
K	39+42.19	0.19' RT	END WALL	TC41.90
L	39+07.65	11.66' RT	FLOWLINE	40.40
M	38+73.42	11.97' RT	FLOWLINE	41.02



DETAIL "A"
NO SCALE

NOTES

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- REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAMCUT ONLY).
- WHEEL CHAIR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

AS-BUILT INFORMATION

CONTRACTOR: *[Signature]*
STATIONED BY: *[Signature]*
INSPECTOR: *[Signature]*
DATE: 6-24-92
FIELD VERIFICATION BY: *[Signature]*
DATE: 6-24-92

BENCH MARKS

STATION MARK IS A STANDARD US&GS BRASS TABLET, STAMPED "HUGHES, 1954". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE THE GROUND. TO REACH THE STATION FROM THE INTERSECTION OF CENTRAL AVE. AND COORS GO NORTH OF THIS POINT TO A FENCED-IN PRAIRIE ON THE WEST SIDE OF COORS RD ELEV. 5049.93

ENGINEER'S SEAL

JOSE P. KELLEY
9996
REGISTERED PROFESSIONAL ENGINEER
5-24-92
6-16-92
6-22-92

REVISIONS

NO.	DATE	REMARKS
1	6/30/92	REVISED PROPOSED INLET & DETAIL "A"

DESIGNED BY: JPK/KLD
DRAWN BY: ORG/TSC
CHECKED BY: JPK

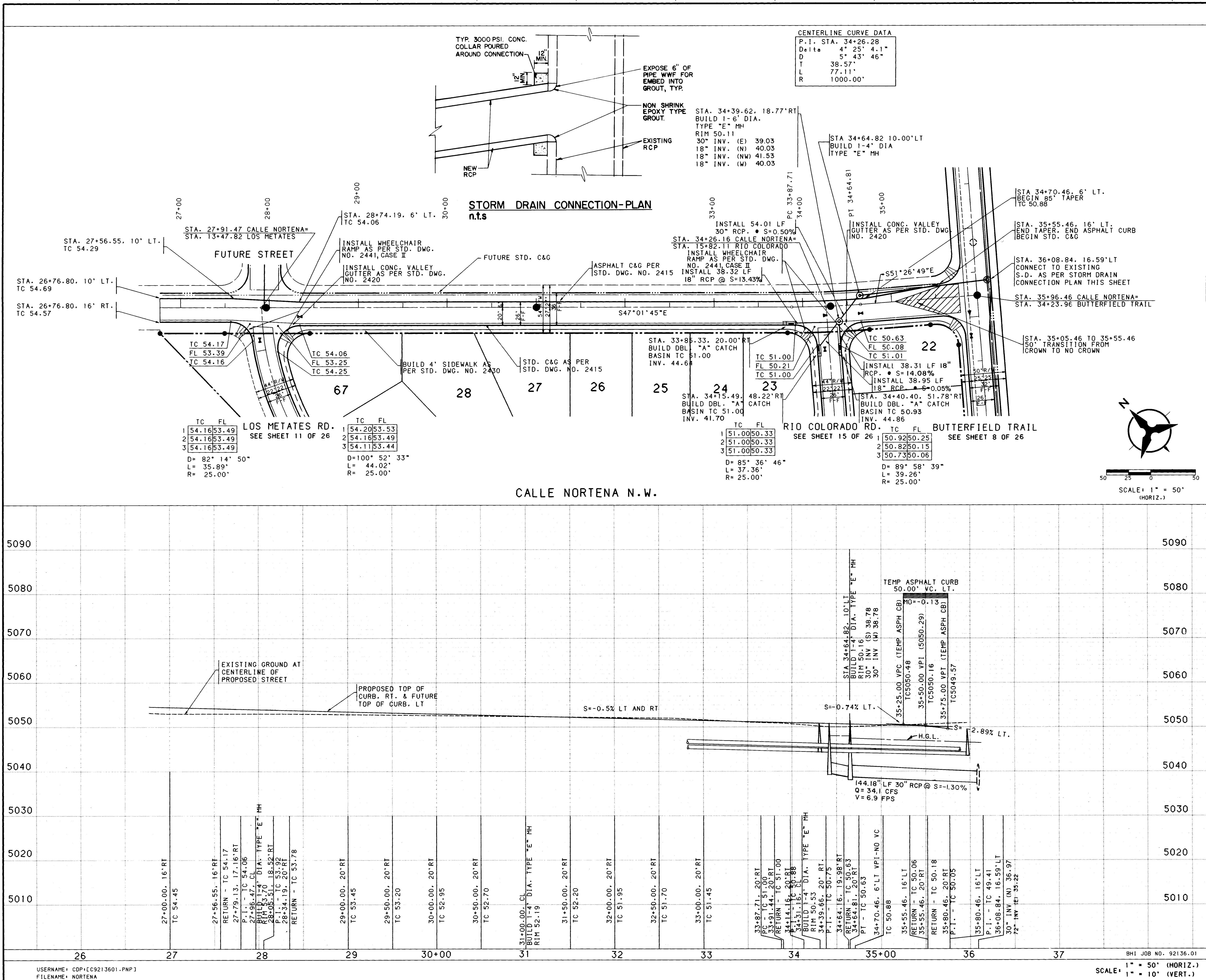
DATE: 5/92
DATE: 5/92
DATE: 5/92

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING**

**RIVERVIEW ESTATES SUBDIVISION
PAYING PLAN & PROFILE
BUTTERFIELD TRAIL**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	<i>[Signature]</i>	7-7-92	WATER	<i>[Signature]</i>	6-24-92
TRANSPORTATION	<i>[Signature]</i>	6-25-92	WASTE WATER	<i>[Signature]</i>	6-24-92
HYDROLOGY	<i>[Signature]</i>	7-02-92	A.M.A.F.C.A.	<i>[Signature]</i>	6-24-92

DRAWING NO. 4460.90
MAP NO. D-12
SHEET 8 OF 26



NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADI SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
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12. WHEEL CHAIR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

AS-BUILT INFORMATION

CONTRACTOR: *Handwritten*

INSPECTOR'S: *Handwritten*

DATE: *Handwritten*

DATE: *Handwritten*

DATE: *Handwritten*

DATE: *Handwritten*

BENCH MARKS

STATION MARK IS A STANDARD USC&GS BRASS

TABLET, STAMPED "HUGHES 1954", SET IN TOP OF

A CONCRETE POST PROJECTING 0.3 FT. ABOVE THE

GROUND. TO REACH THE STATION FROM THE

INTERSECTION OF CENTRAL AVE. AND COORS GO

NORTH OF THIS POINT TO A FENCED-IN PRAIRIE

ON THE WEST SIDE OF COORS RD ELEV. 5049.93

SURVEY INFORMATION

FIELD NOTES

NO. BY DATE

90201 BHI PHOTOGRAMMETRY 6/20/90

ENGINEER'S SEAL

REMARKS

REVISIONS

DESIGN

NO. DATE

DESIGNED BY JPK/KLD

DRAWN BY OR

CHECKED BY JPK

DATE 5/92

DATE 5/92

DATE 5/92

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

ENGINEERING

RIVERVIEW ESTATES SUBDIVISION

PAVING AND STORM DRAIN PLAN & PROFILE

CALLE NORTENA

APPROVALS

ENGINEER

DATE

APPROVALS

ENGINEER

DATE

DRG CHAIRMAN

TRANSPORTATION

HYDROLOGY

DATE 7-7-92

DATE 6-23-92

DATE 7-02-92

WATER

WASTE WATER

26 4460.900993

USERNAME: CDP\LC9213601.PNP

FILENAME: NORTENA

SCALE: 1" = 50' (HORIZ.)

1" = 10' (VERT.)

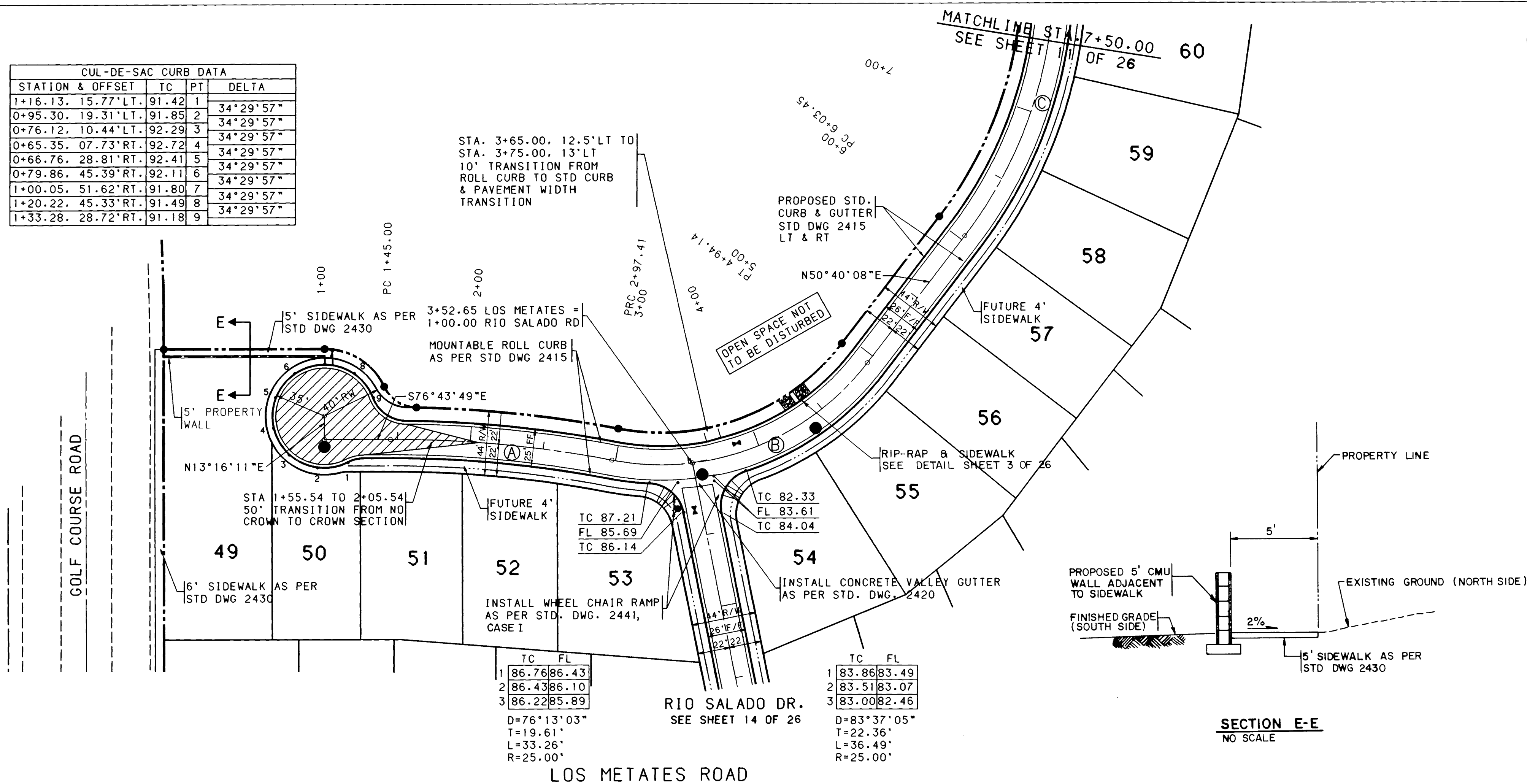
DRAWING NO. 4460.90

MAP NO. D-12

SHEET 9 OF 26

SCANNED BY LASON

CUL-DE-SAC CURB DATA				
STATION & OFFSET	TC	PI	DELTA	
1+16.13, 15.77' LT, 91.42	1		34°29'57"	
0+95.30, 19.31' LT, 91.85	2		34°29'57"	
0+76.12, 10.44' LT, 92.29	3		34°29'57"	
0+65.35, 07.73' RT, 92.72	4		34°29'57"	
0+66.76, 28.81' RT, 92.41	5		34°29'57"	
0+79.86, 45.39' RT, 92.11	6		34°29'57"	
1+00.05, 51.62' RT, 91.80	7		34°29'57"	
1+20.22, 45.33' RT, 91.49	8		34°29'57"	
1+33.28, 28.72' RT, 91.18	9		34°29'57"	

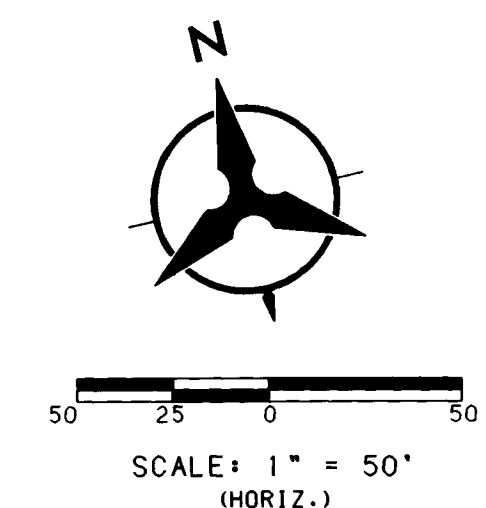


A CENTERLINE CURVE DATA	
P.I. STA.	2+21.44
Delta	11° 4' 52.5"
D	7° 16' 15"
T	76.4403'
L	152.4039'
R	788.0075'

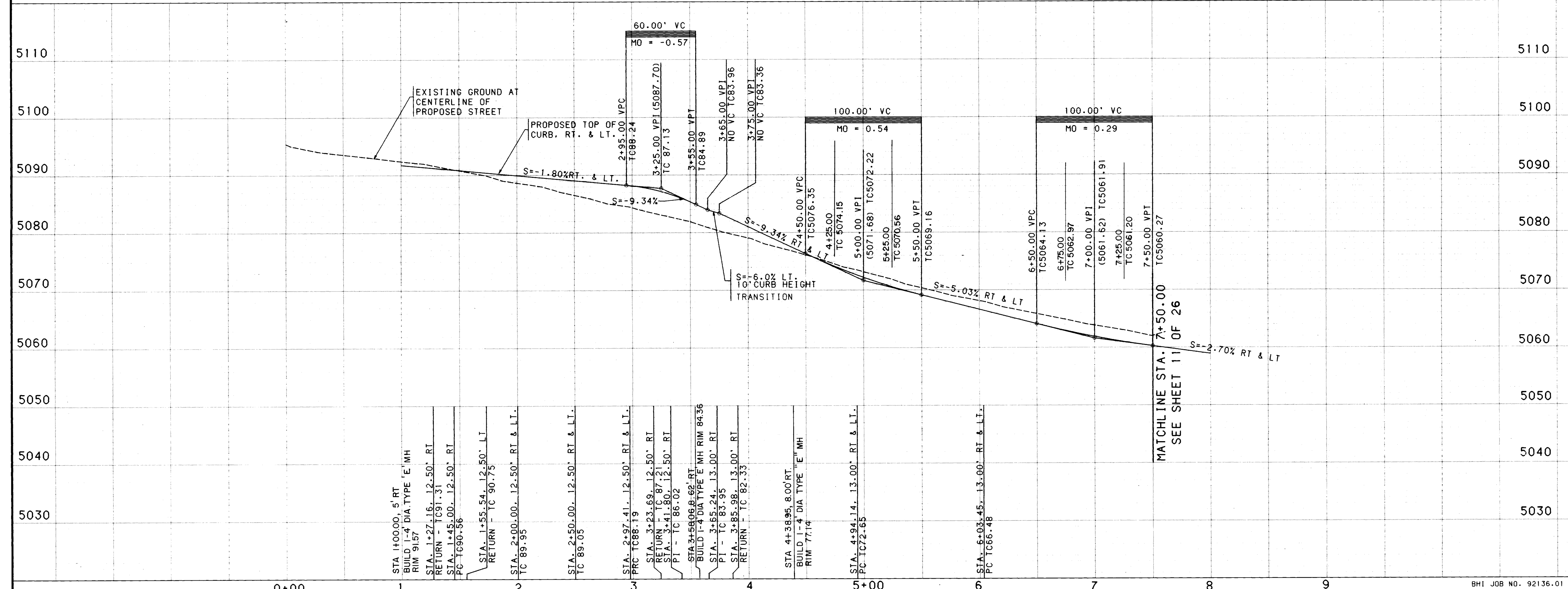
B CENTERLINE CURVE DATA	
P.I. STA.	4+07.33
Delta	63° 40' 53.7"
D	32° 22' 14"
T	109.9192'
L	196.7273'
R	177.0000'

C CENTERLINE CURVE DATA	
P.I. STA.	6+84.16
Delta	30° 24' 19.0"
D	19° 17' 29"
T	80.7078'
L	157.6096'
R	296.9999'

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SECTION E-E
NO SCALE



ENGINEER'S SEAL

JOE P. KELLEY
REGISTERED PROFESSIONAL ENGINEER
No. 9986
State of New Mexico
5-29-92

REVISIONS

NO.	DATE	REMARKS
1	6-15-92	DESIGN

DESIGNED BY: JPK/KLD
DRAWN BY: OR
CHECKED BY: JPK

DATE 5/92
DATE 5/92
DATE 5/92

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING**

**RIVERVIEW ESTATES SUBDIVISION
PAVING PLAN & PROFILE
LOS METATES ROAD**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Ronald Khan	7-7-92	WATER	ADD	6-22-92
TRANSPORTATION	ADD	6-15-92	WASTE WATER	ADD	..
HYDROLOGY	St. Allen	7-02-92			

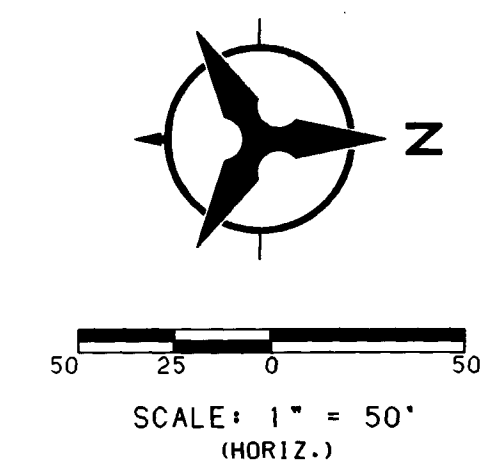
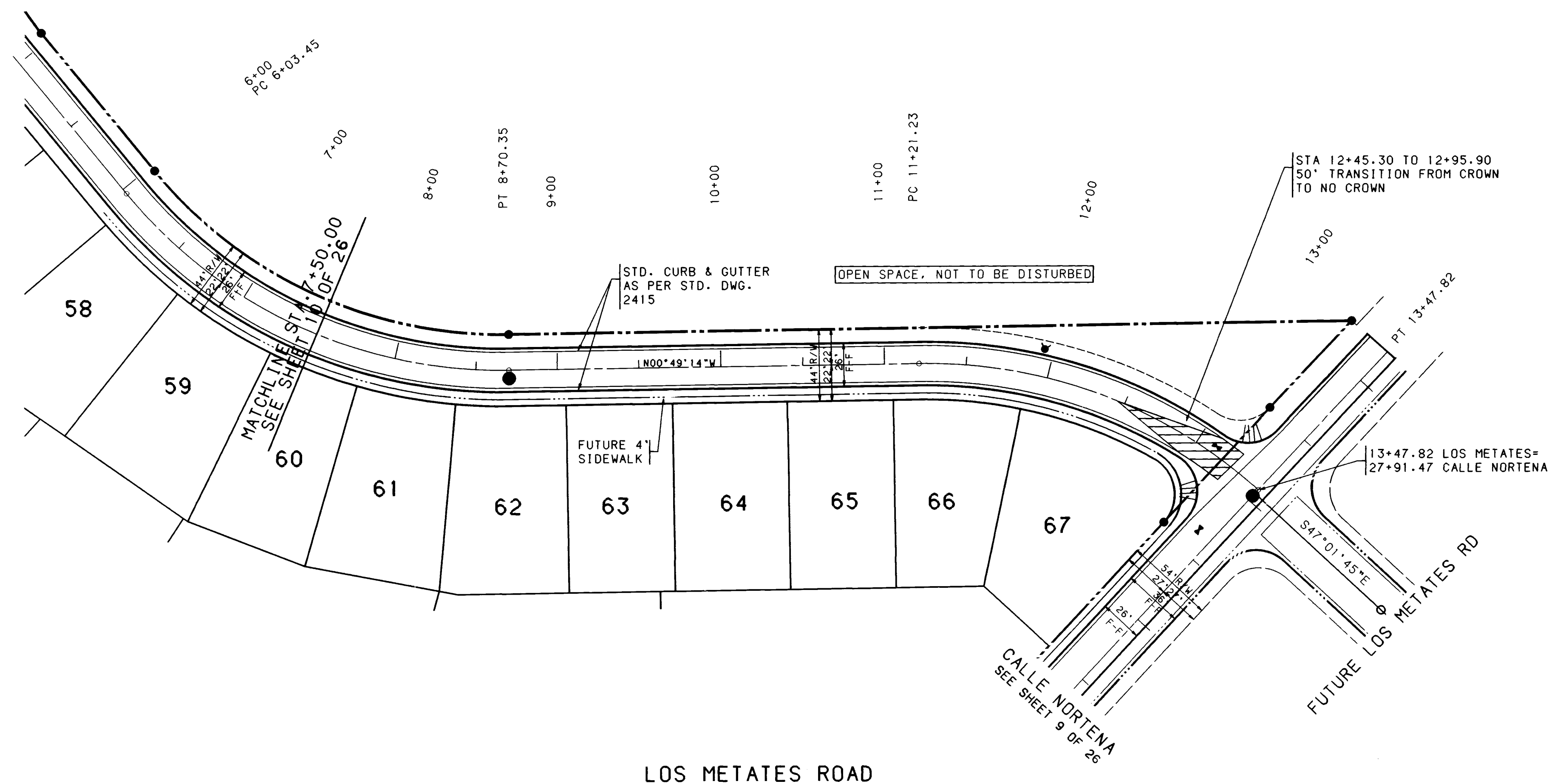
APPROVALS: ENGINEER DATE APPROVALS ENGINEER DATE

DRAWING NO. 4460.90 MAP NO. D-12 SHEET 10 OF 26

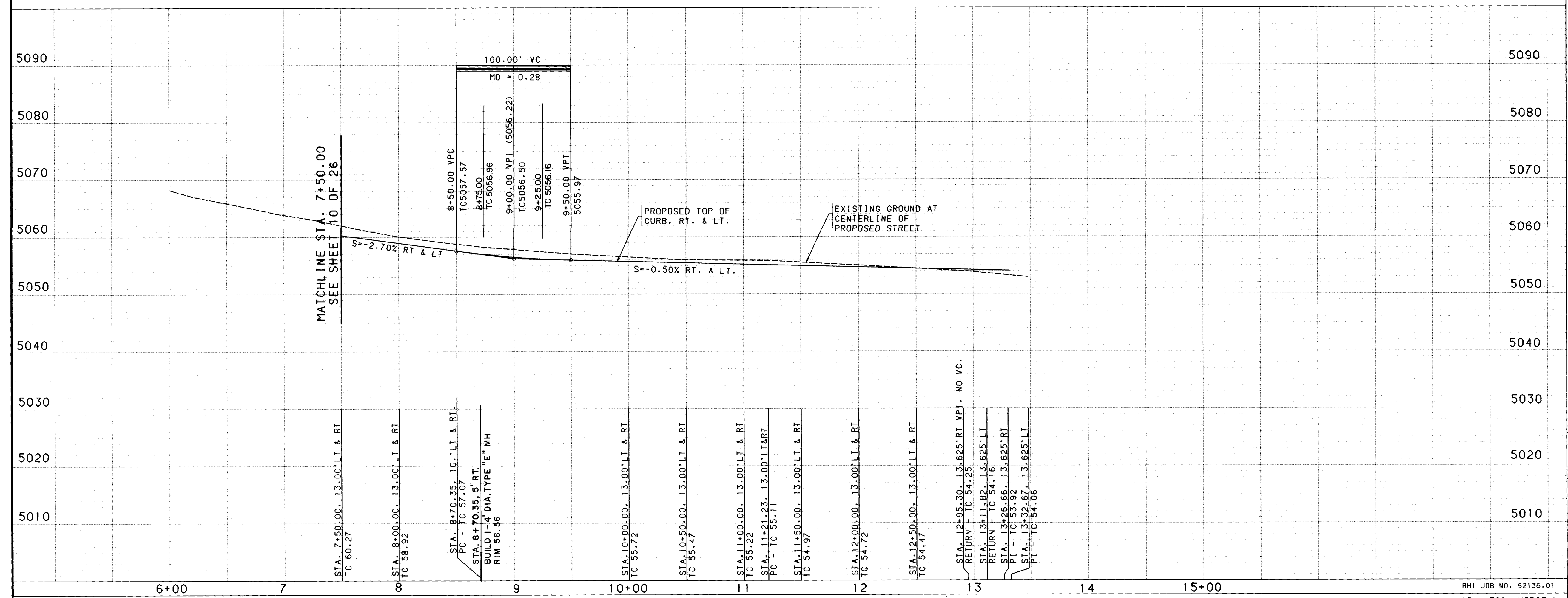
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FILENAME: METATES-1.GRF

BHI JOB NO. 92136.01
SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

SCANNED BY
BY LASON



LOS METATES ROAD



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AS-BUILT INFORMATION

CONTRACTOR	INSPECTOR	DATE
STATION	DATE	DATE

BENCH MARKS

STATION	MARK	DATE
1000	STANDARD USC&GS BRASS	6-20-90

FIELD NOTES

NO.	BY	DATE
90201	BHI PHOTOGRAPHY	6-20-90

ENGINEER'S SEAL

JOE P. KELLEY
REGISTERED PROFESSIONAL ENGINEER
NO. 9996
STATE OF NEW YORK
EXPIRATION DATE 6-16-92

REVISIONS

NO.	DATE	REMARKS	BY
1	7-7-92	DESIGN	ADL

APPROVALS

ENGINEER	DATE	APPROVALS	ENGINEER	DATE
TRANSPORTATION	7-7-92	WATER	ADL	6-27-92
HYDROLOGY	7-02-92	WASTE WATER	ADL	

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING**

**RIVERVIEW ESTATES SUBDIVISION
PAVING PLAN & PROFILE
LOS METATES ROAD**

26 4460.90 / 193

USERNAME: CDP\FC9213601.PNP
FILENAME: METATES-2.GRF

BHI JOB NO. 92136.01

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

DRAWING NO. 4460.90

MAP NO. D-12

SHEET 11 OF 26

SCANNED BY LASON

NOTE: 5 TREES SHALL BE INSTALLED
ALONG GOLF COURSE ROAD PER
STREET TREE ORDINANCE

BUS BAY CURVE DATA				
PT	DELTA	R	L	T
1	19°56'43"	150.00'	52.22'	26.38'
2	20°03'18"	50.00'	17.50'	8.84'
3	19°33'27"	50.00'	17.07'	8.62'
4	20°09'10"	150.00'	52.76'	26.66'

CENTERLINE CURVE DATA				
P.I. STA.	2+33.35			
Delta	12° 14' 4.0"			
D	11' 7' 31"			
T	55.1942'			
L	109.9686'			
R	515.0000'			

CENTERLINE CURVE DATA				
P.I. STA.	3+80.03			
Delta	28° 33' 19.0"			
D	15' 51' 60"			
T	91.8957'			
L	179.9713'			
R	361.1100'			

CENTERLINE CURVE DATA				
P.I. STA.	8+17.88			
Delta	48° 21' 52.6"			
D	9' 32' 57"			
T	269.4281'			
L	506.4732'			
R	600.0000'			

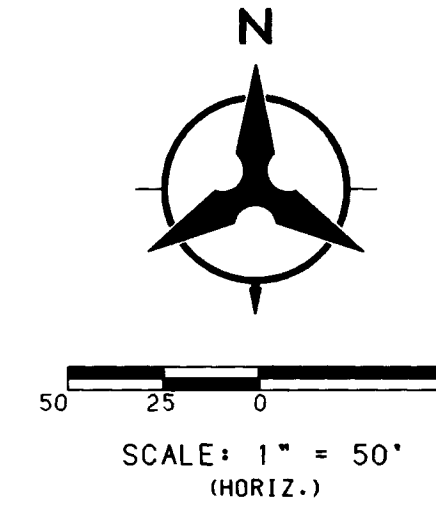
CUL-DE-SAC CURB DATA				
STATION & OFFSET	TC	PT	DELTA	
1+27.32, 21.88' RT.	90.80	1	35°19'46"	
1+09.64, 33.65' RT.	90.95	2	35°19'46"	
0+88.41, 33.02' RT.	91.10	3	35°19'46"	
0+71.45, 20.24' RT.	91.20	4	35°19'46"	
0+65.00, 00.00' RT.	91.30	5	35°19'46"	
0+71.45, 20.24' LT.	91.20	6	35°19'46"	
0+88.41, 33.02' LT.	91.10	7	35°19'46"	
1+09.64, 33.65' LT.	90.95	8	35°19'46"	
1+27.32, 21.88' LT.	90.80	9	35°19'46"	

TC FL				
1	84.04	83.71		
2	84.14	83.81		
3	84.38	84.05		
D= 95°57'57"				
L= 41.87'				
R= 25.00'				

TC FL				
1	82.55	82.00		
2	82.77	82.32		
3	82.93	82.55		
D= 95°06'49"				
L= 41.50'				
R= 25.00'				

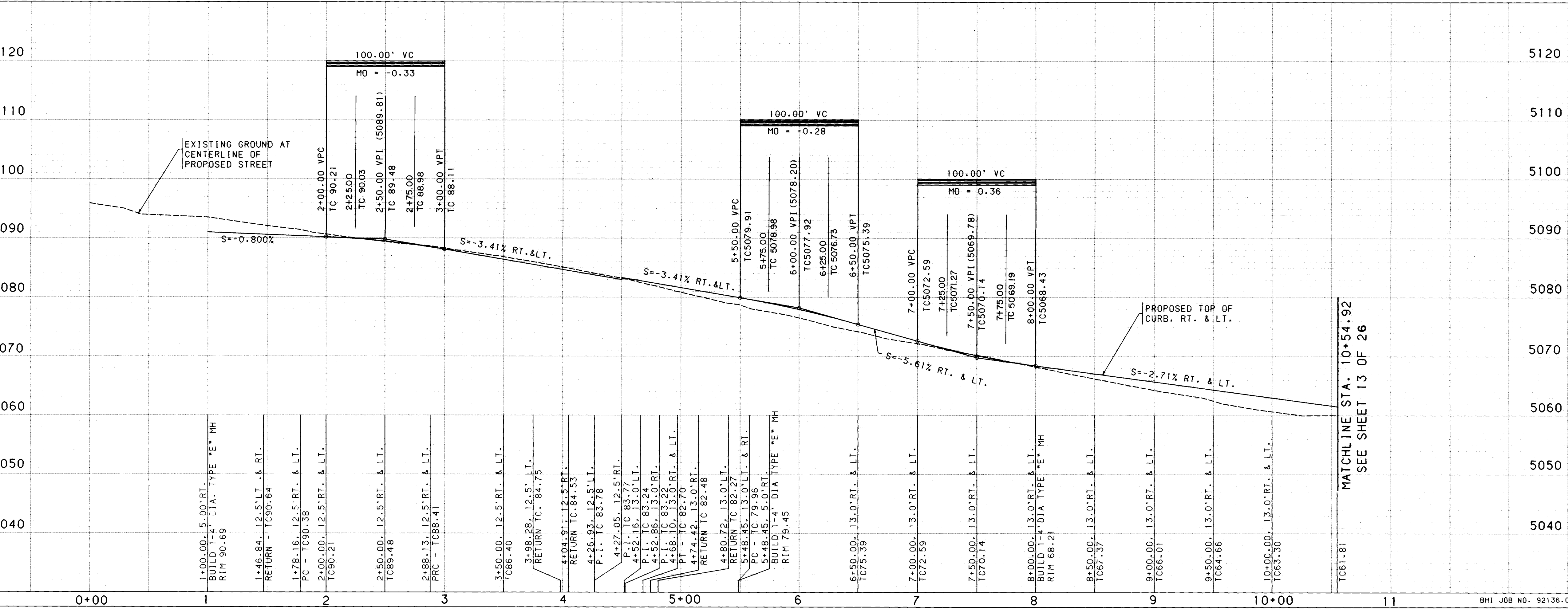
TC FL				
1	83.89	83.55		
2	84.02	83.61		
3	84.23	83.71		
D= 94°03'06"				
L= 41.04'				
R= 25.00'				

TC FL				
1	82.66	82.11		
2	82.80	82.36		
3	82.91	82.53		
D= 94°56'03"				
L= 41.42'				
R= 25.00'				



SECTION G-G

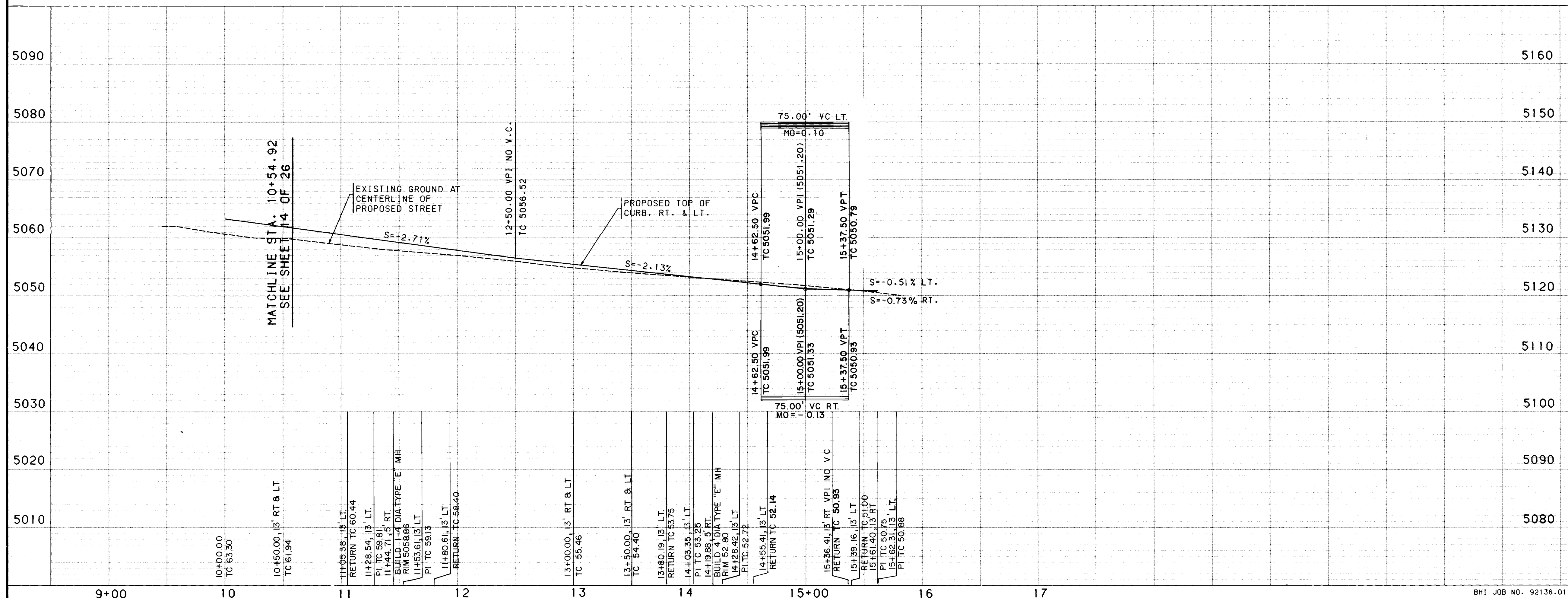
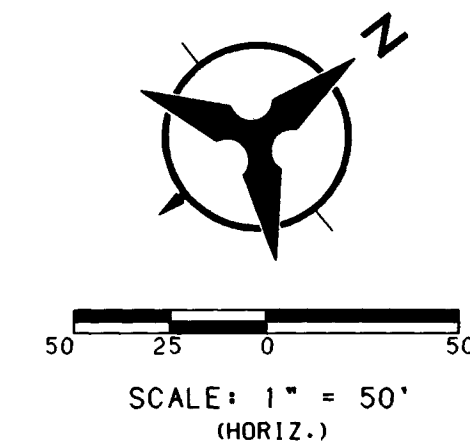
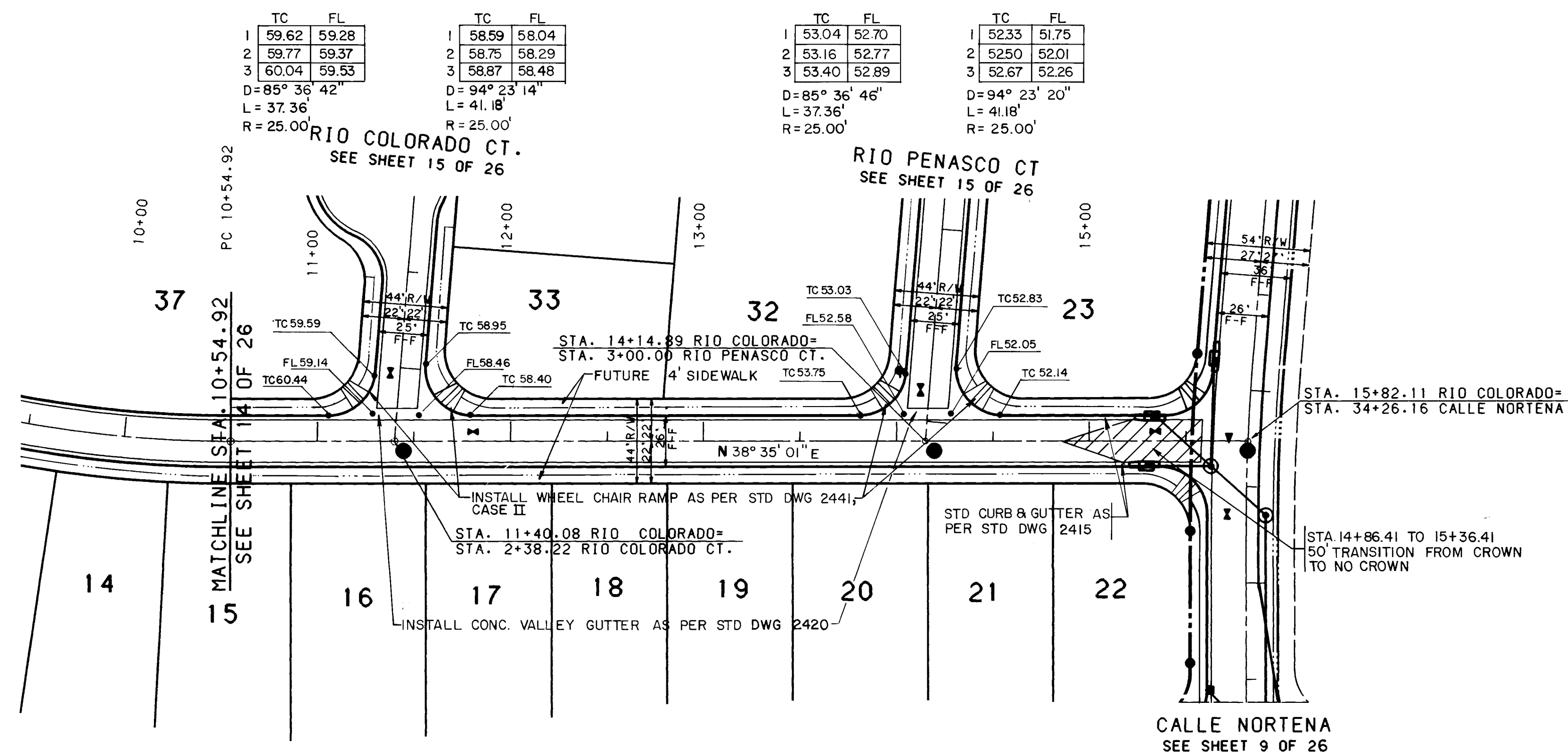
RIO COLORADO RD.



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ENGINEER'S SEAL		AS-BUILT INFORMATION		
	NO. DATE	CONTRACTOR	DATE	
		STATION MARK IS A STANDARD USGCS BRASS	DATE	
		TABLET, STAMPED "HUGHES-1954", SET IN TOP OF	DATE	
		A CONCRETE POST PROJECTING 0.3 FT. ABOVE THE	DATE	
REVISIONS		PICTURE-FILM INFORMATION		
DESIGNED BY JPK/KLD		CORRECTED BY		
DRAWN BY DBO/TSG		RECORDED BY		
CHECKED BY JPK		NO.		

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING					
RIVERVIEW ESTATES SUBDIVISION PAVING PLAN & PROFILE RIO COLORADO ROAD					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>[Signature]</i>	7-92	WATER	<i>[Signature]</i>	7-92
TRANSPORTATION	<i>[Signature]</i>	6-92	WASTE WATER	<i>[Signature]</i>	6-92
HYDROLOGY	<i>[Signature]</i>	7-92			
DRAWING NO. 4460.90		MAP NO. D-12		SHEET 12 OF 26	



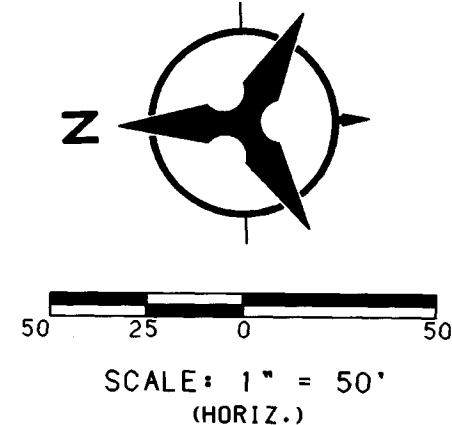
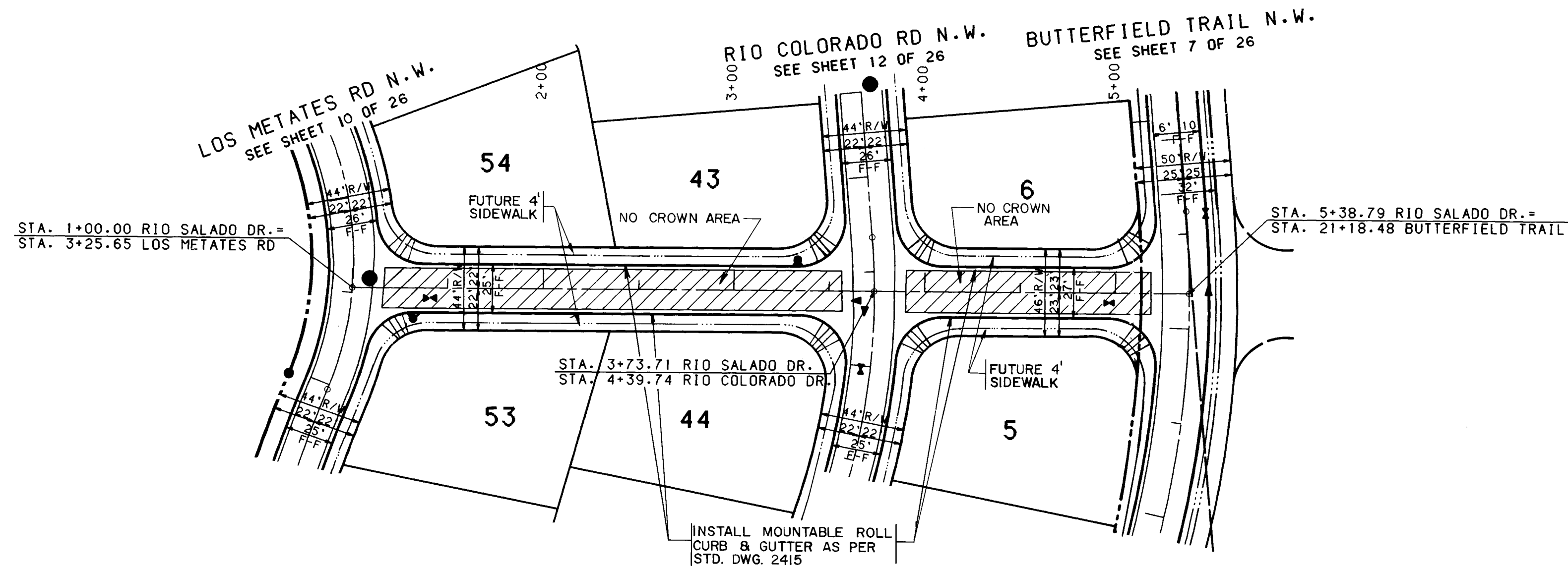
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AS-BUILT INFORMATION			
CONTRACTOR	DATE	BY	NO.
JOHN KELLEY	5-29-92	REVISIONS	DESIGN
DESIGNED BY	JPK/HLD	DATE	5/92
DRAWN BY	DR/TSG	DATE	5/92
CHECKED BY	JPK	DATE	5/92

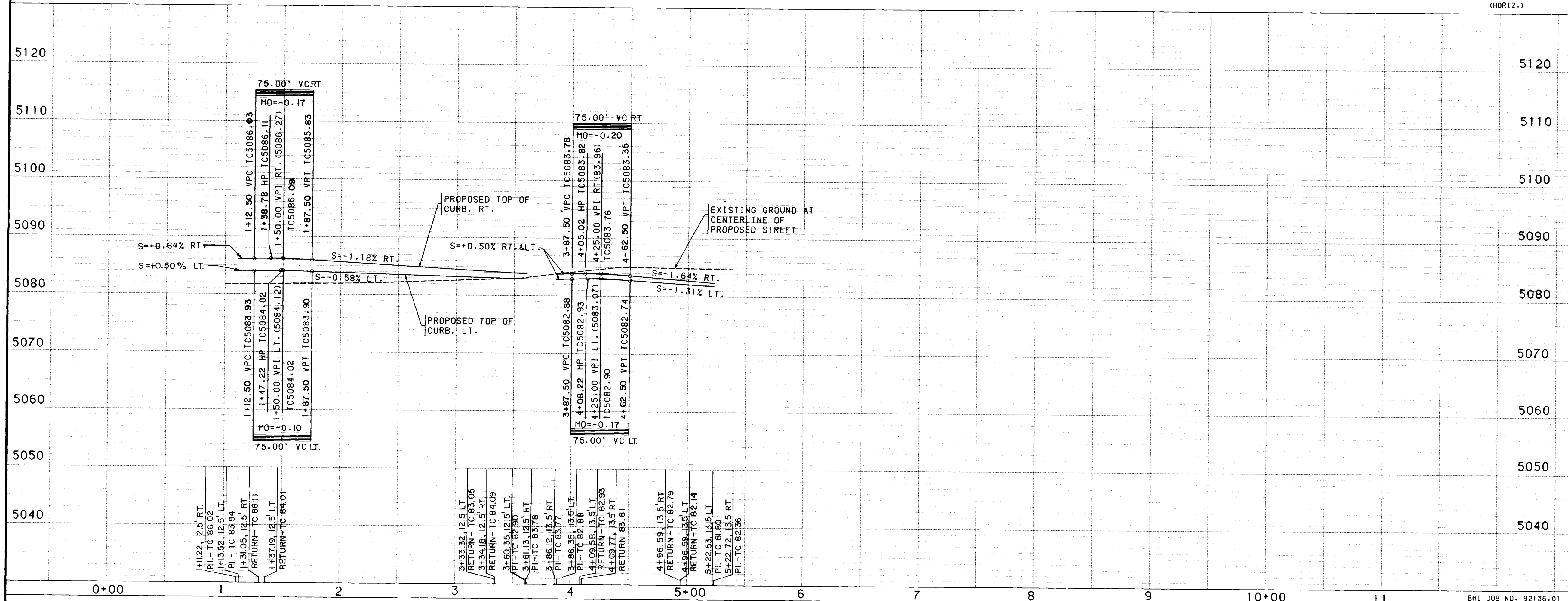
ENGINEER'S SEAL			
NO.	DATE	BY	REMARKS
90201	6-20-92	BHL	PHOTOGRAMMETRY

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING			
RIVERVIEW ESTATES SUBDIVISION PAVING PLAN & PROFILE RIO COLORADO ROAD			
APPROVALS	ENGINEER	DATE	APPROVALS
DRG CHAIRMAN	Ronald D. Hoon	7-7-92	WATER
TRANSPORTATION	A. D. Dwyer	6-23-92	WASTE WATER
HYDROLOGY	K. Kelly	7-02-92	

DRAWING NO. 4460.90			
MAP NO. D-12		SHEET 13 OF 26	



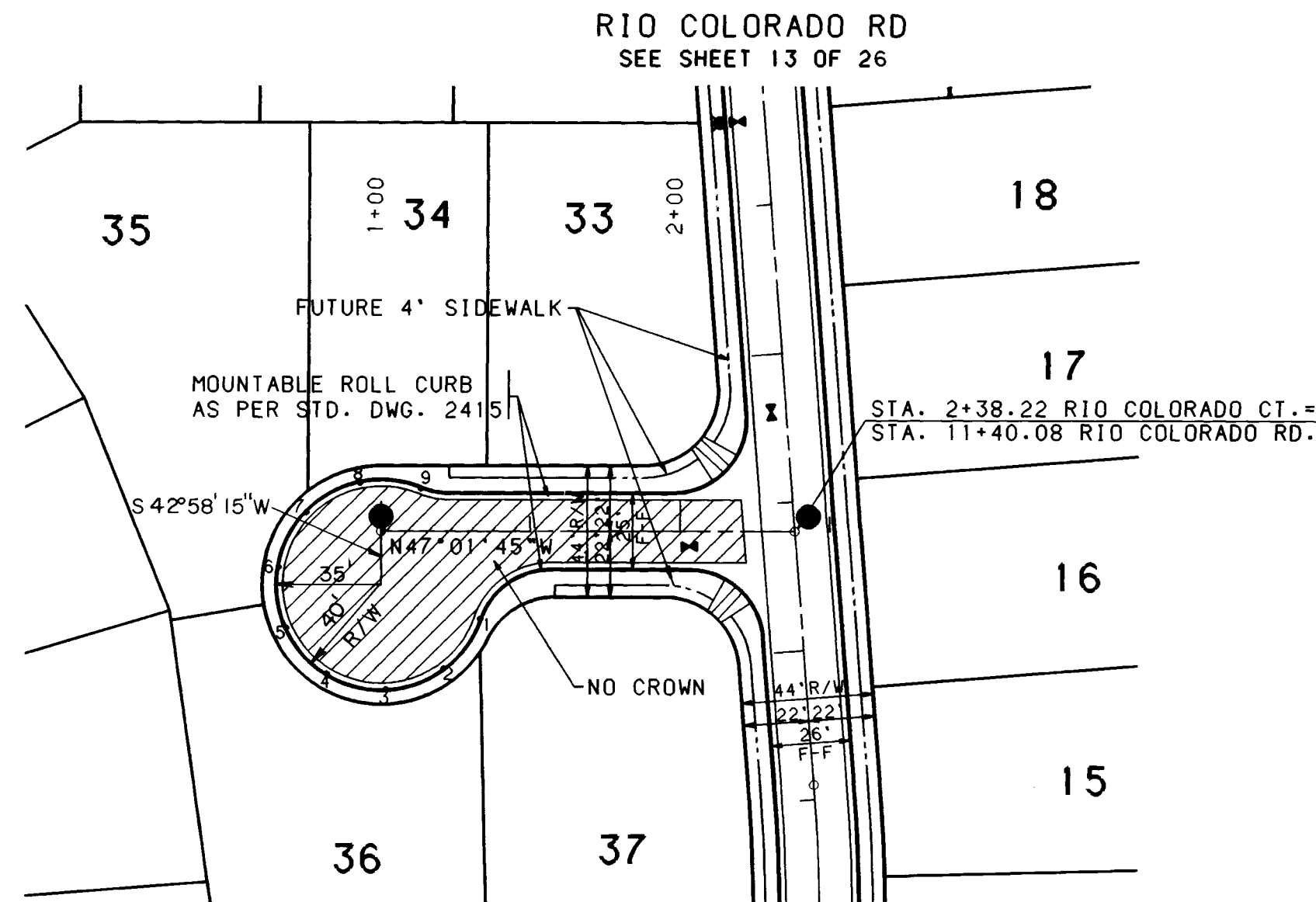
RIO SALADO DR.



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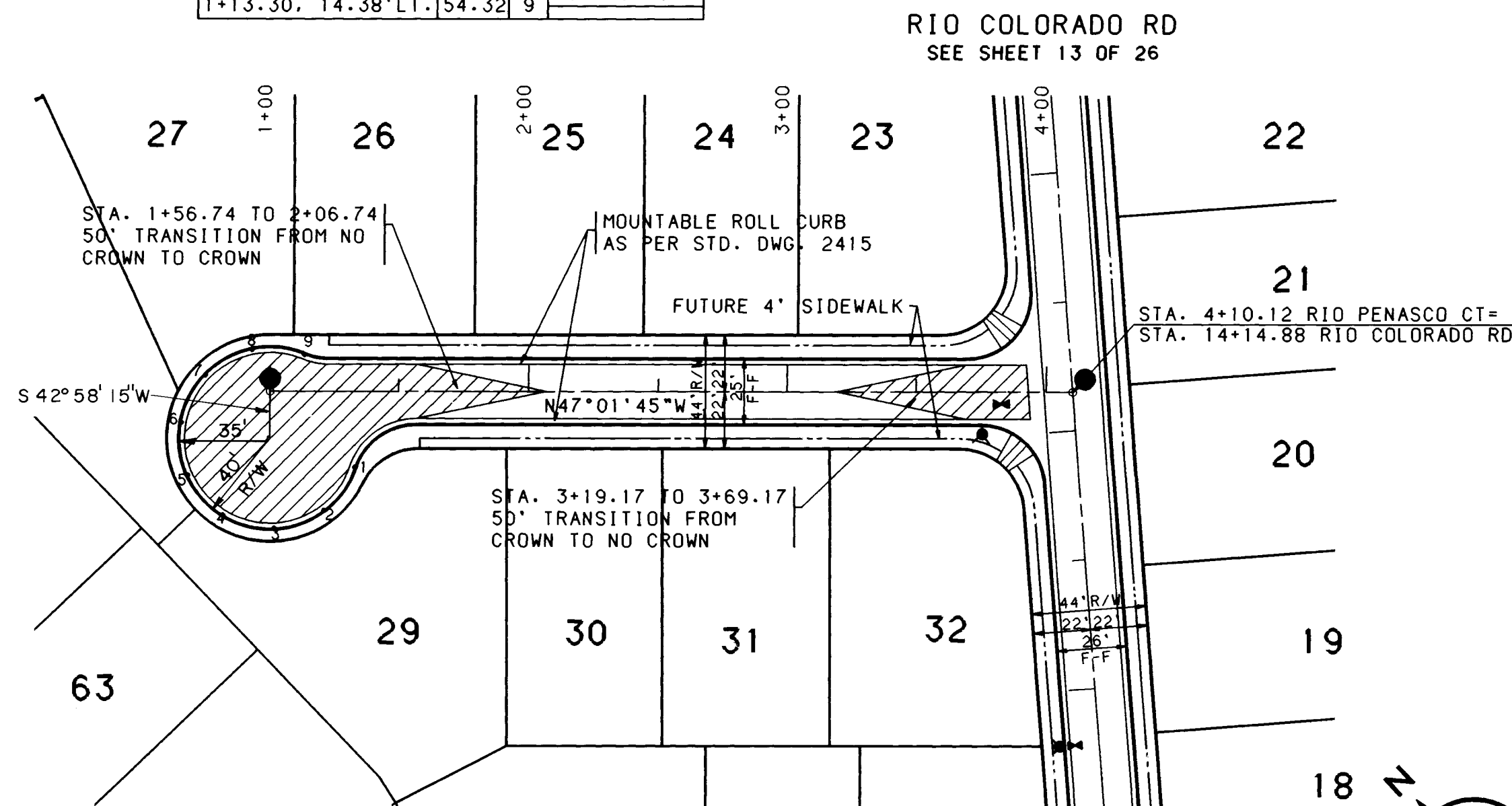
ENGINEER'S SEAL				AS-BUILT INFORMATION			
NO. 90201 BHI PHOTOGRAMMETRY 6-20-90				CONTRACTOR'S SEAL			
DATE 5-29-92				NO. 90201 BHI PHOTOGRAMMETRY 6-20-90			
REMARKS				DATE 5-29-92			
DESIGNED BY JPK/KLD				DATE 5/92			
CHECKED BY JPK				DATE 5/92			
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING							
RIVERVIEW ESTATES SUBDIVISION PAVING PLAN & PROFILE RIO SALADO DR.							
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE		
DRC CHAIRMAN	Rogel Rios	7-1-92	WATER	Alfonso	6-22-92		
TRANSPORTATION	5. J. J. J.	6-22-92	WASTE WATER				
HYDROLOGY	J. J. J.	7-02-92					
DRAWING NO. 4460.90				MAP NO. D-12 SHEET 14 OF 26			

CUL-DE-SAC CURB DATA			
STATION & OFFSET	TC	PT	DELTA
1+33.10, 29.34*RT.	59.99	1	34°10'15"
1+21.00, 46.00*RT.	60.11	2	34°10'15"
1+01.64, 52.96*RT.	60.23	3	34°10'15"
0+81.72, 47.85*RT.	60.11	4	34°10'15"
0+68.11, 33.43*RT.	59.99	5	34°10'15"
0+65.51, 12.03*RT.	59.87	6	34°10'15"
0+74.82, 6.31*LT.	59.73	7	34°10'15"
0+92.82, 16.26*LT.	59.58	8	34°10'15"
1+13.30, 14.38*LT.	59.44	9	34°10'15"

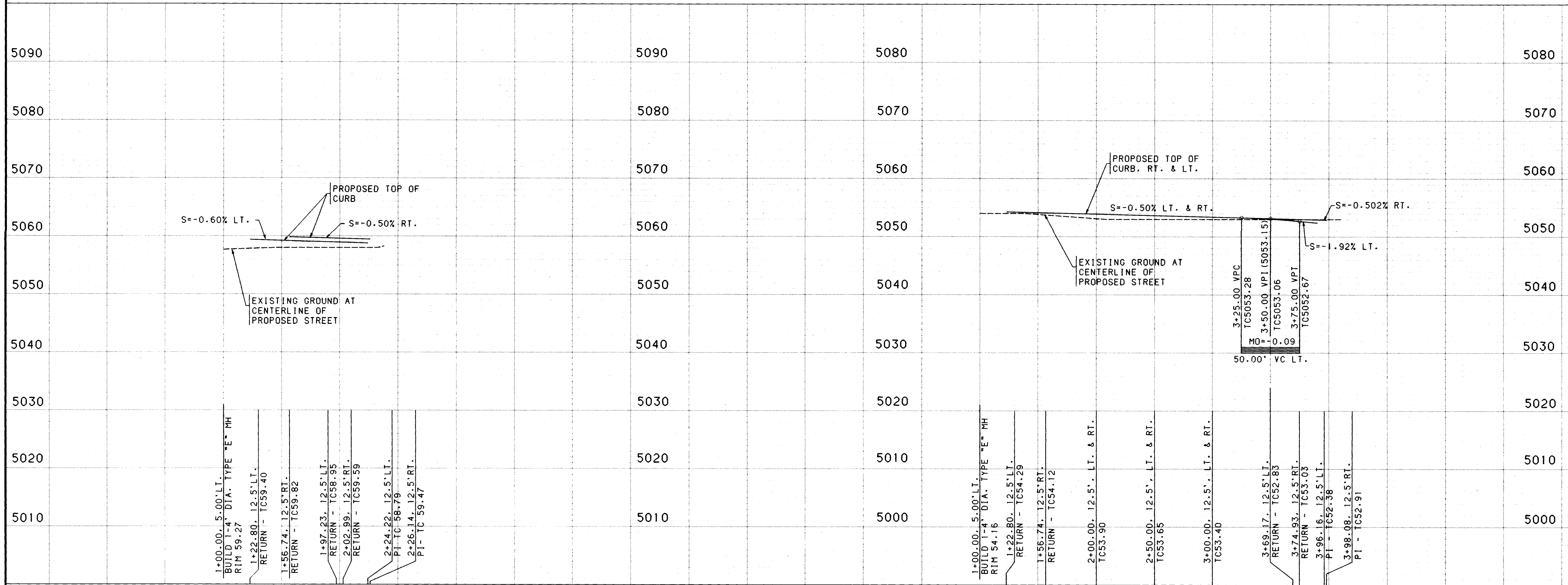
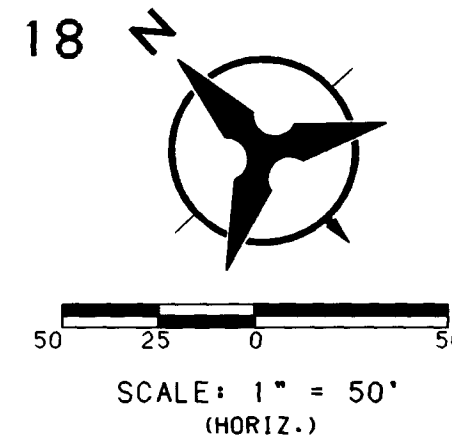


RIO COLORADO CT

CUL-DE-SAC CURB DATA			
STATION & OFFSET	TC	PT	DELTA
1+33.10, 29.34*RT.	54.50	1	34°10'15"
1+21.00, 46.00*RT.	54.76	2	34°10'15"
1+01.64, 52.96*RT.	55.02	3	34°10'15"
0+81.72, 47.85*RT.	54.92	4	34°10'15"
0+68.11, 33.43*RT.	54.80	5	34°10'15"
0+65.51, 12.03*RT.	54.68	6	34°10'15"
0+74.82, 6.31*LT.	54.56	7	34°10'15"
0+92.82, 16.26*LT.	54.44	8	34°10'15"
1+13.30, 14.38*LT.	54.32	9	34°10'15"



RIO PENASCO CT.



- 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.
 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.

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	STATION MARK IS A STANDARD USGCS BRASS TABLET, STAMPED "HUGHES, 1954", SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE THE GROUND. TO REACH THE STATION FROM THE INTERSECTION OF CENTRAL AVE. AND COORS GO NORTH OF THIS POINT TO A FENCED-IN PRAIRIE ON THE WEST SIDE OF COORS RD ELEV. 5049.93	NO.	DATE	REMARKS	DESIGNED BY	DATE
INSPECTOR'S ACCEPTANCE	DATE		BY	DATE	REVISIONS	DRAWN BY	DATE
DATE	DATE				DESIGN	CHECKED BY	DATE

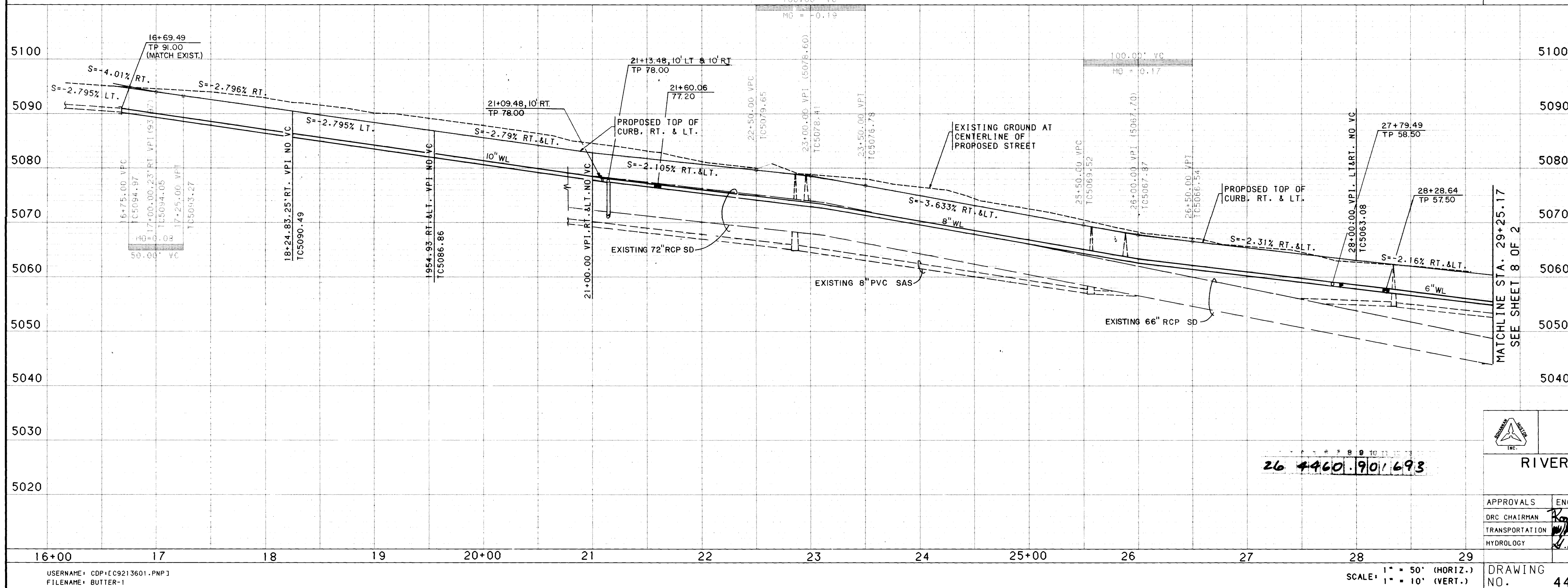
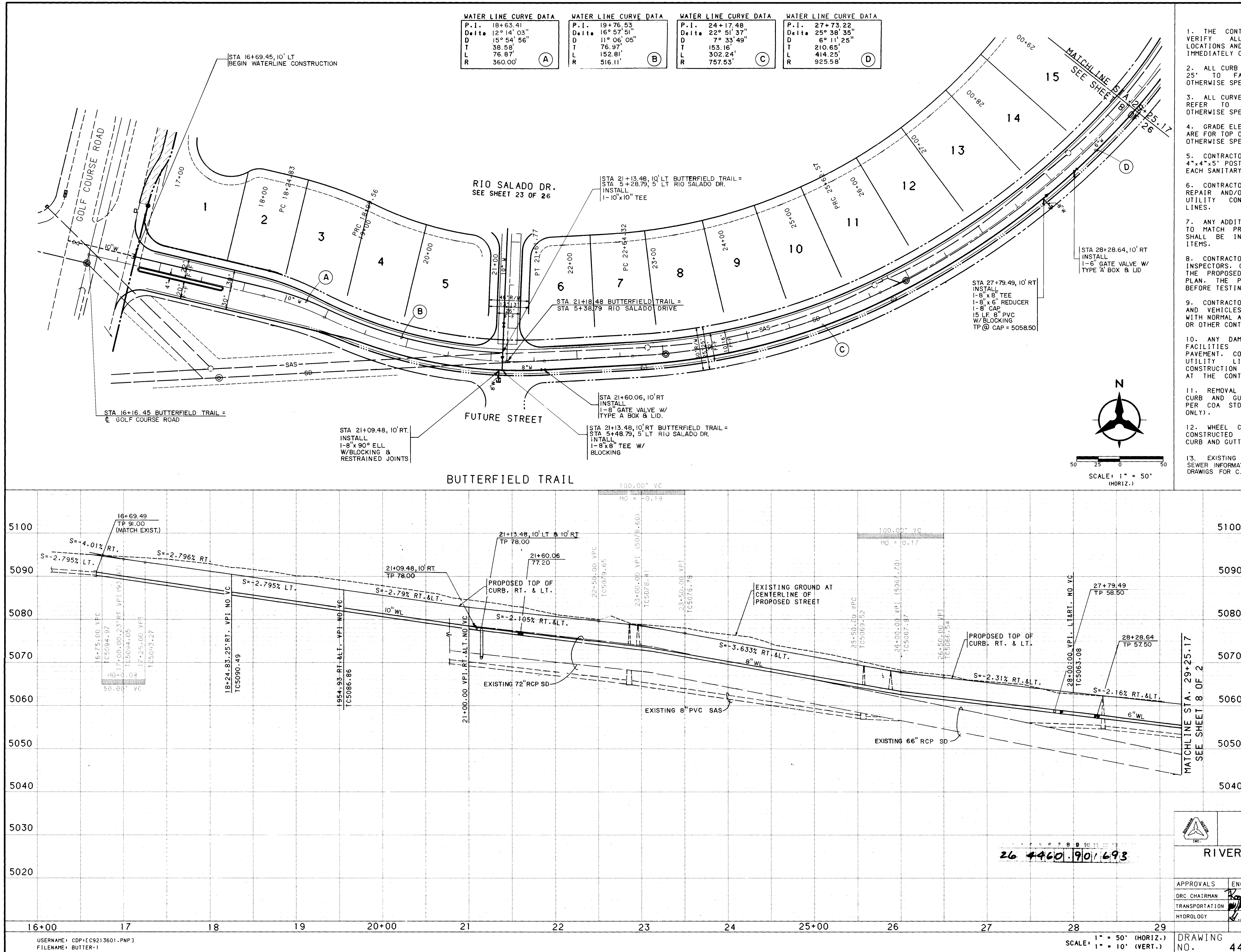
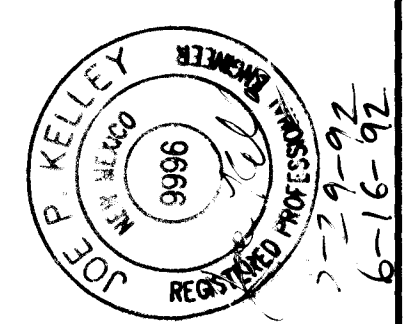
26 4460.901593

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING			
RIVERVIEW ESTATES SUBDIVISION PAVING PLAN & PROFILE RIO COLORADO CT / RIO PENASCO CT			
APPROVALS	ENGINEER	DATE	APPROVALS
DRG CHAIRMAN	Rogelio	7-1-92	WATER
TRANSPORTATION	Rogelio	7-2-92	WASTE WATER
HYDROLOGY	Rogelio	7-2-92	
DRAWING NO. 4460.90		MAP NO. D-12	
SHEET 15		OF 26	

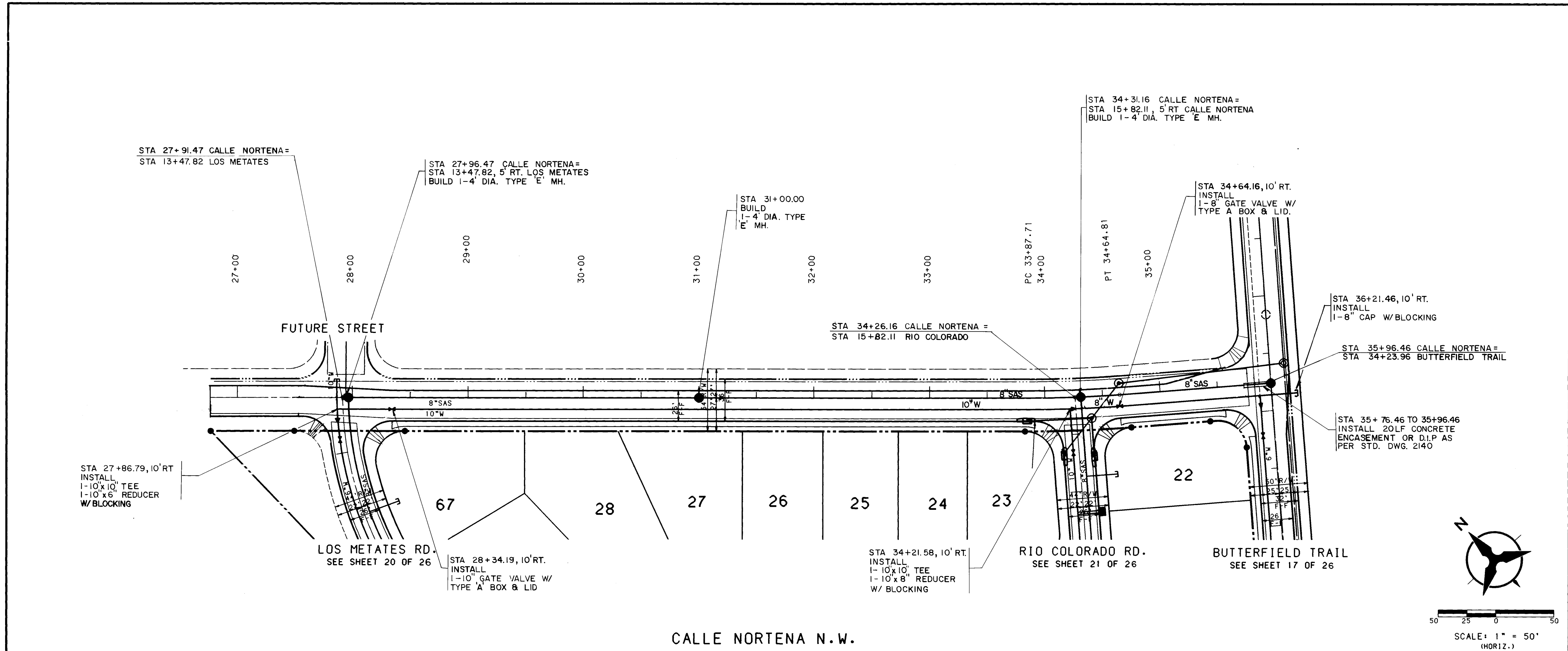
WATER LINE CURVE DATA		WATER LINE CURVE DATA		WATER LINE CURVE DATA		WATER LINE CURVE DATA	
P.I.	18+63.41	P.I.	19+76.53	P.I.	24+17.48	P.I.	27+73.22
Delta	12° 14' 03"	Delta	16° 57' 51"	Delta	22° 51' 37"	Delta	25° 38' 35"
D	15° 54' 56"	D	11° 06' 05"	D	7° 33' 49"	D	6° 11' 25"
T	38.58'	T	76.97'	T	153.16'	T	210.65'
L	76.87'	L	152.81'	L	302.24'	L	414.25'
R	360.00'	R	516.11'	R	757.53'	R	925.58'
(A)		(B)		(C)		(D)	

- NOTES**
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 - WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
 - EXISTING STORM DRAIN AND SANITARY SEWER INFORMATION TAKEN FROM RECORD DRAWINGS FOR C.O.A. W.O. 3314 AND 3457.

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	STATION MARK	DATE	NO.	BY	NO.	BY
DATE	DATE	TABLET, STAMPED "HUGHES 1984", SET IN TOP OF	DATE	90201	REMARKS	DATE	DATE
DATE	DATE	A CONCRETE POST PROJECTING 0.3 FT. ABOVE THE	DATE		DESIGN	DATE	DATE
DATE	DATE	GROUND. TO REACH THE STATION FROM THE	DATE		DESIGNED BY	DATE	DATE
DATE	DATE	INTERSECTION OF CENTRAL AVE. AND COORS GO	DATE		DRAWN BY	DATE	DATE
DATE	DATE	NORTH OF THIS POINT TO A FENCED-IN PRAIRIE	DATE		CHECKED BY	DATE	DATE
DATE	DATE	ON THE WEST SIDE OF COORS RD ELEV. 5049.93	DATE				



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING					
RIVERVIEW ESTATES SUBDIVISION UTILITY PLAN & PROFILE BUTTERFIELD TRAIL					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	Ronald R. R. R.	7-7-92	WATER	William C. R. R.	6-22-92
TRANSPORTATION	W. R. R.	6-25-92	WASTE WATER	R. R.	
HYDROLOGY	R. R.	7-02-92			
DRAWING NO.	4460.90	MAP NO.	D-12	SHEET	16 OF 26



NOTES

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12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

AS-BUILT INFORMATION

CONTRACTOR	DATE
STATION MARK	DATE
TABLET	DATE
FIELD	DATE
DRAWINGS	DATE
CORRECTED BY	DATE
RECORDED BY	DATE
NO.	NO.

ENGINEER'S SEAL

NO. DATE

REVISIONS

DESIGNED BY JPK/KLD DATE 5/92

DRAWN BY OR DATE 5/92

CHECKED BY JPK DATE 5/92

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

RIVERVIEW ESTATES SUBDIVISION
UTILITY PLAN & PROFILE
CALLE NORTENA

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	7-1-92	7-1-92	WATER	7-22-92	7-22-92
TRANSPORTATION	7-1-92	7-1-92	WASTE WATER	7-1-92	7-1-92
HYDROLOGY	7-1-92	7-1-92			

DRAWING NO. 4460.90 MAP NO. D-12 SHEET 18 OF 26

WATER LINE CURVE DATA									
P.I.	STA 2+18.60								
Delta	10° 36' 18"								
D	7° 13' 30"								
T	73.60'								
L	146.73'								
R	793.01'								(A)

WATER LINE CURVE DATA									
P.I.	STA 4+58.55								
Delta	32° 39' 51"								
D	30° 09' 20"								
T	55.67'								
L	108.32'								
R	190.00'								(B)

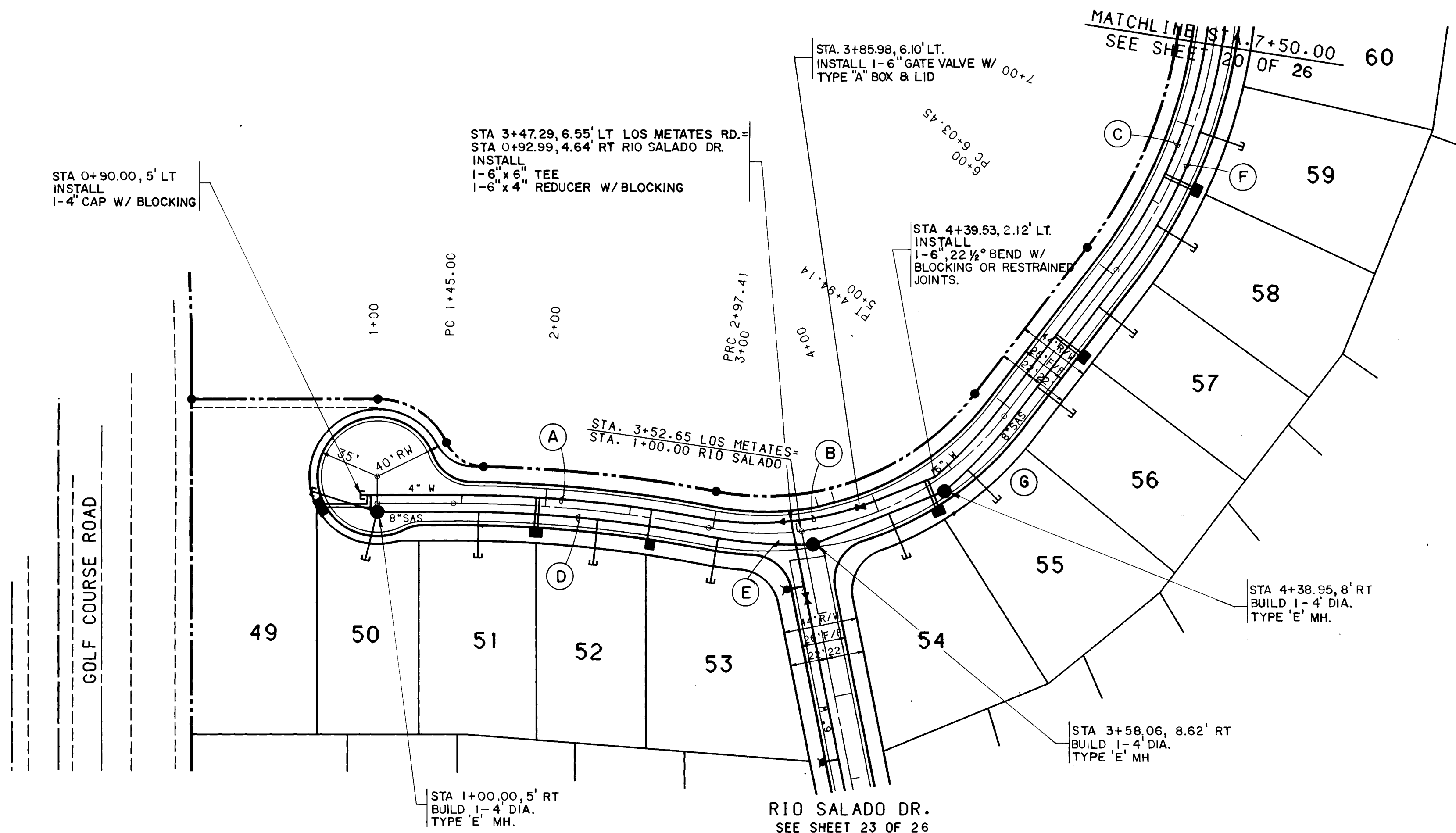
WATER LINE CURVE DATA									
P.I.	STA 6+34.95								
Delta	51° 29' 22"								
D	19° 37' 19"								
T	140.81'								
L	262.41'								
R	292.00'								(C)

SAS CURVE DATA									
P.I.	STA 2+20.96								
Delta	11° 04' 52"								
D	7° 14' 03"								
T	75.96'								
L	151.44'								
R	783.01'								(D)

SAS CURVE DATA									
P.I.	STA 3+29.01								
Delta	13° 06' 30"								
D	20° 50' 05"								
T	31.60'								
L	62.92'								
R	275.00'								(E)

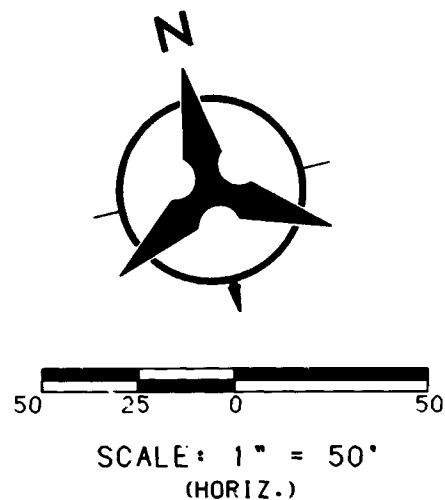
SAS CURVE DATA									
P.I.	STA 6+39.77								
Delta	51° 29' 22"								
D	18° 58' 20"								
T	145.63'								
L	271.40'								
R	302.00'								(F)

SAS CURVE DATA									
P.I.	STA 4+67.63								
Delta	11° 54' 34"								
D	20° 50' 05"								
T	28.68'								
L	57.16'								
R	275.00'								(G)

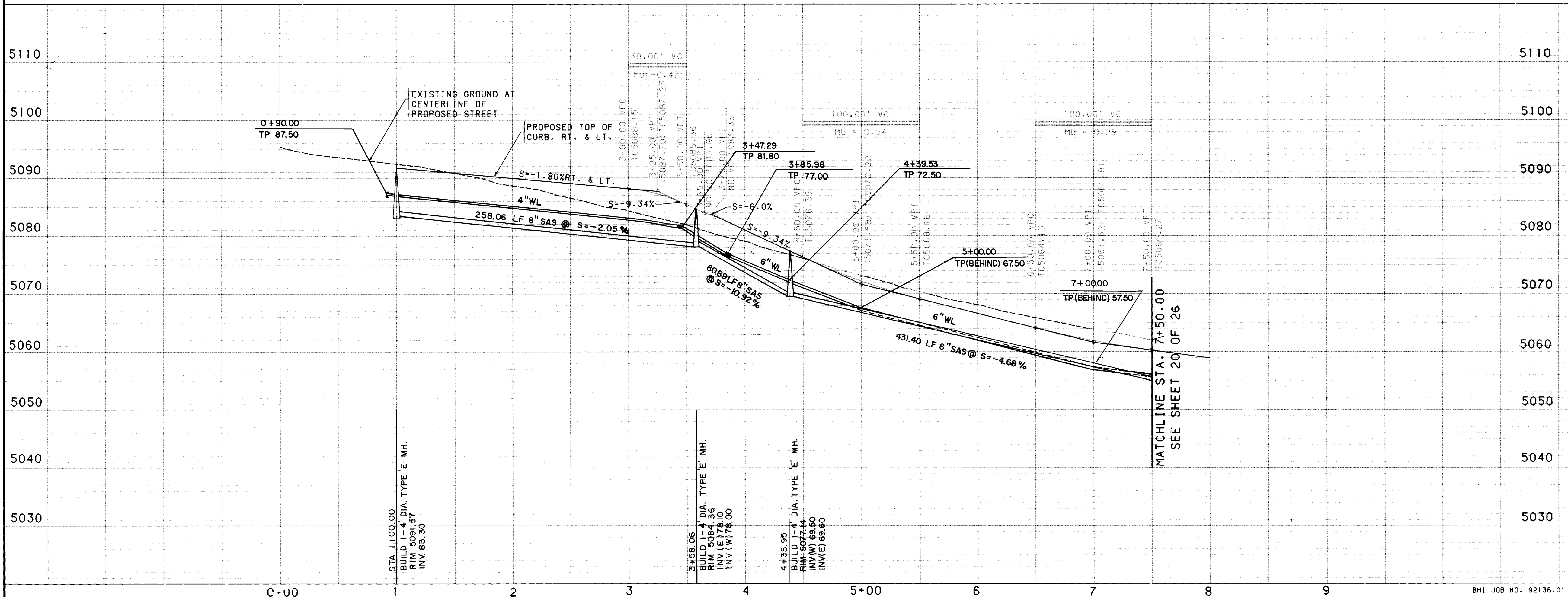


WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION AND OFFSET	WL TYPE	SAS STATION AND OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
49	0+64.30, 5' LT.	DOUBLE	1+00.00, MH	40'	88.00
50			1+00.00, MH	27'	87.50
51	1+95.13, 5' LT.	DOUBLE	1+59.72, 5' RT	27'	86.50
52			2+28.35, 5' RT	27'	85.00
53	2+61.57, 5' LT.	SINGLE	2+92.63, 5' RT	27'	83.50
54			4+04.97, 3.57' RT	29'	76.00
55	0+99.00, 5' LT.	DOUBLE	4+56.93, 6.36' RT	27'	71.50
56			5+18.94, 5' RT	27'	67.00
57	5+50.62, 5' LT.	DOUBLE	5+80.25, 5' RT	27'	63.50
58			6+38.06, 5' RT	27'	60.50
59	6+66.68, 5' LT.	DOUBLE	6+98.26, 5' RT	27'	57.60

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 12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
 13. ALL WATER SERVICE AND METERS SHALL BE 3/4".



LOS METATES ROAD

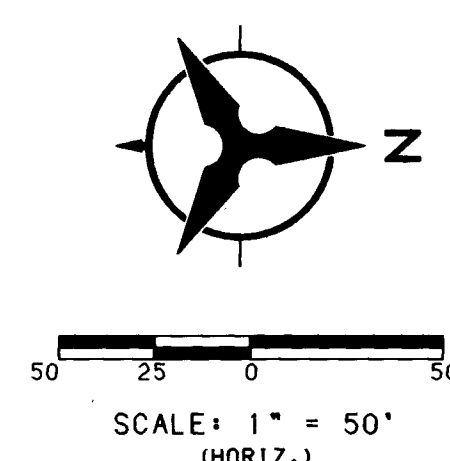


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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING					
RIVERVIEW ESTATES SUBDIVISION UTILITY PLAN & PROFILE LOS METATES ROAD					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>[Signature]</i>	7-7-92	WATER	<i>[Signature]</i>	6-22-92
TRANSPORTATION	<i>[Signature]</i>	6-25-92	WASTE WATER	<i>[Signature]</i>	..
HYDROLOGY	<i>[Signature]</i>	7-02-92			

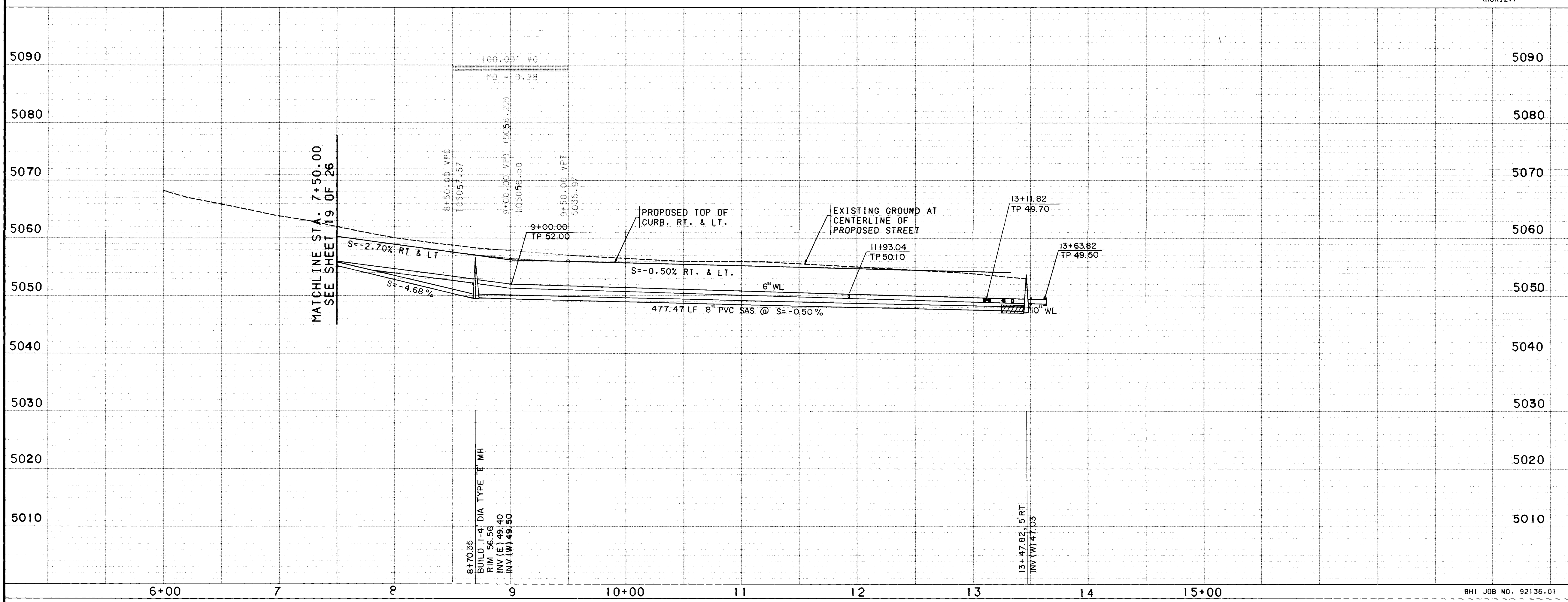
DRAWING NO.	4460.90	MAP NO.	D-12	SHEET	19	OF	26
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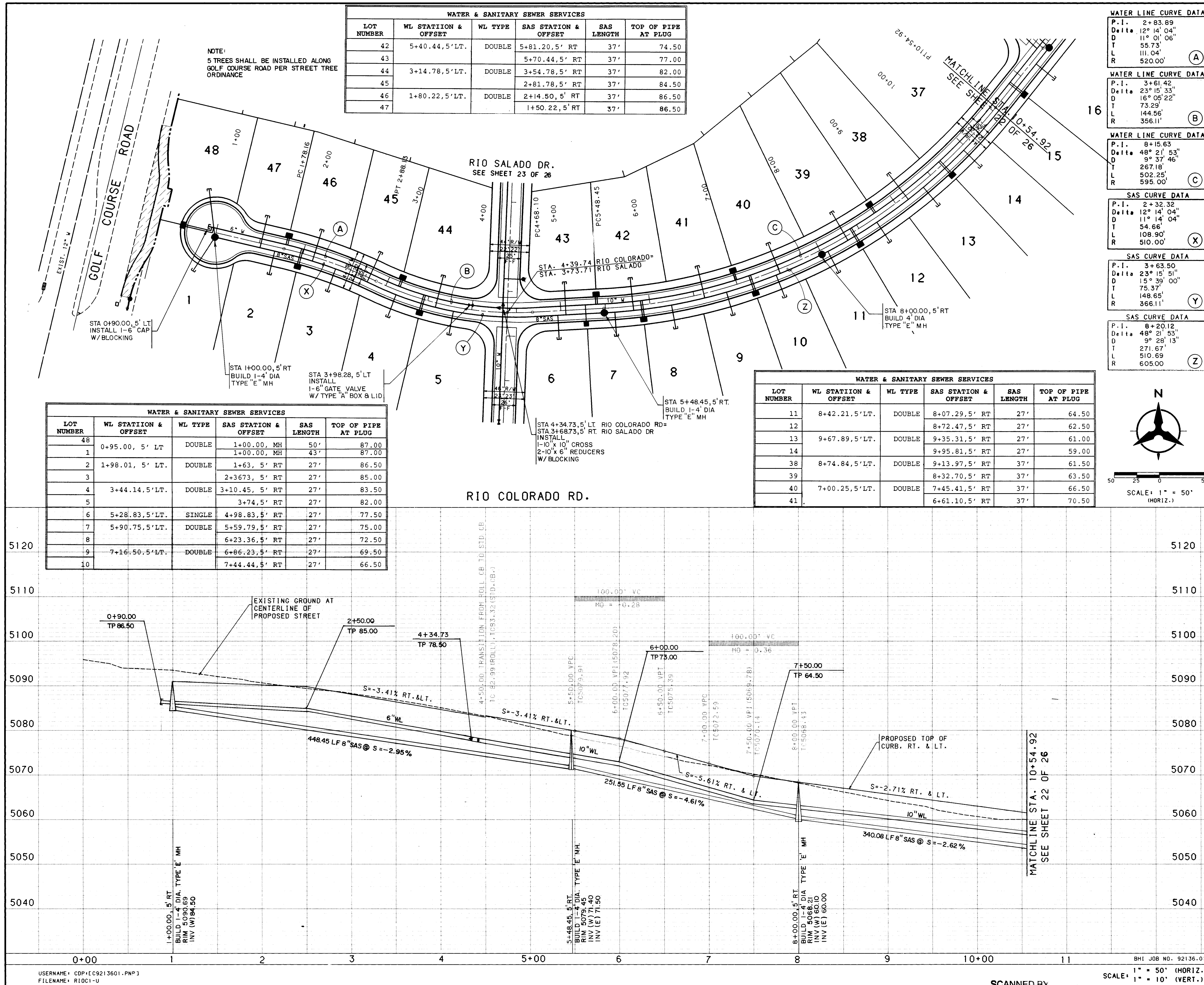
SCANNED BY
BY LASON



WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
60	7+87.48,5'LT	DOUBLE	7+56.16,5'RT	27'	56.40
61			8+11.00,5'RT	27'	54.50
62	9+05.19,5'LT	DOUBLE	8+77.35,5'RT	27'	53.00
63			9+37.69,5'RT	27'	52.00
64	10+40.19,5'LT	DOUBLE	10+05.19,5'RT	27'	51.50
65			10+72.69,5'RT	27'	51.50
66	11+88.04,5'LT	DOUBLE	11+46.62,5'RT	27'	51.00
67			12+41.67,5'RT	27'	50.50

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13. ALL WATER SERVICES AND METERS SHALL BE 3/4".

[illegible]



WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
42	5+40.44, 5' LT.	DOUBLE	5+81.20, 5' RT	37'	74.50
43			5+70.44, 5' RT	37'	77.00
44	3+14.78, 5' LT.	DOUBLE	3+54.78, 5' RT	37'	82.00
45			2+81.78, 5' RT	37'	84.50
46	1+80.22, 5' LT.	DOUBLE	2+14.50, 5' RT	37'	86.50
47			1+50.22, 5' RT	37'	86.50

WATER LINE CURVE DATA					
P.I.	2+83.89				
Delta	12° 14' 04"				
D	11' 0' 06"				
T	55.73'				
L	111.04'				
R	520.00'				

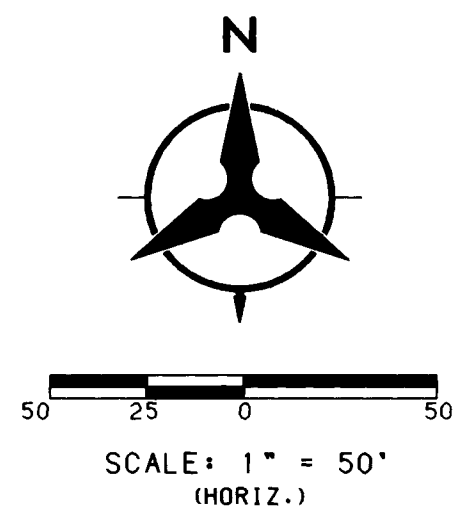
WATER LINE CURVE DATA					
P.I.	3+61.42				
Delta	23° 15' 33"				
D	16' 05' 22"				
T	73.29'				
L	144.56'				
R	356.11'				

WATER LINE CURVE DATA					
P.I.	8+15.63				
Delta	48° 21' 53"				
D	9' 37' 46"				
T	267.19'				
L	502.25'				
R	595.00'				

SAS CURVE DATA					
P.I.	2+32.32				
Delta	12° 14' 04"				
D	11' 0' 06"				
T	54.66'				
L	108.90'				
R	510.00'				

SAS CURVE DATA					
P.I.	3+63.50				
Delta	23° 15' 51"				
D	15' 39' 00"				
T	75.37'				
L	148.65'				
R	366.11'				

SAS CURVE DATA					
P.I.	8+20.12				
Delta	48° 21' 53"				
D	9' 28' 13"				
T	271.67'				
L	510.69'				
R	605.00'				



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 13. ALL WATER SERVICES SHALL BE 3/4".

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
48					
1	0+95.00, 5' LT	DOUBLE	1+00.00, MH	50'	87.00
2	1+98.01, 5' LT.	DOUBLE	1+00.00, MH	43'	87.00
3			1+63, 5' RT	27'	86.50
4	3+44.14, 5' LT.	DOUBLE	2+3673, 5' RT	27'	85.00
5			3+10.45, 5' RT	27'	83.50
6			3+74, 5' RT	27'	82.00
7	5+28.83, 5' LT.	SINGLE	4+98.83, 5' RT	27'	77.50
8	5+90.75, 5' LT.	DOUBLE	5+59.79, 5' RT	27'	75.00
9	7+16.50, 5' LT.	DOUBLE	6+23.36, 5' RT	27'	72.50
10			6+86.23, 5' RT	27'	69.50
			7+44.44, 5' RT	27'	66.50

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
11	8+42.21, 5' LT.	DOUBLE	8+07.29, 5' RT	27'	64.50
12			8+72.47, 5' RT	27'	62.50
13	9+67.89, 5' LT.	DOUBLE	9+35.31, 5' RT	27'	61.00
14			9+95.81, 5' RT	27'	59.00
38	8+74.84, 5' LT.	DOUBLE	9+13.97, 5' RT	37'	61.50
39			8+32.70, 5' RT	37'	63.50
40	7+00.25, 5' LT.	DOUBLE	7+45.41, 5' RT	37'	66.50
41			6+61.10, 5' RT	37'	70.50

26 4460.902193

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

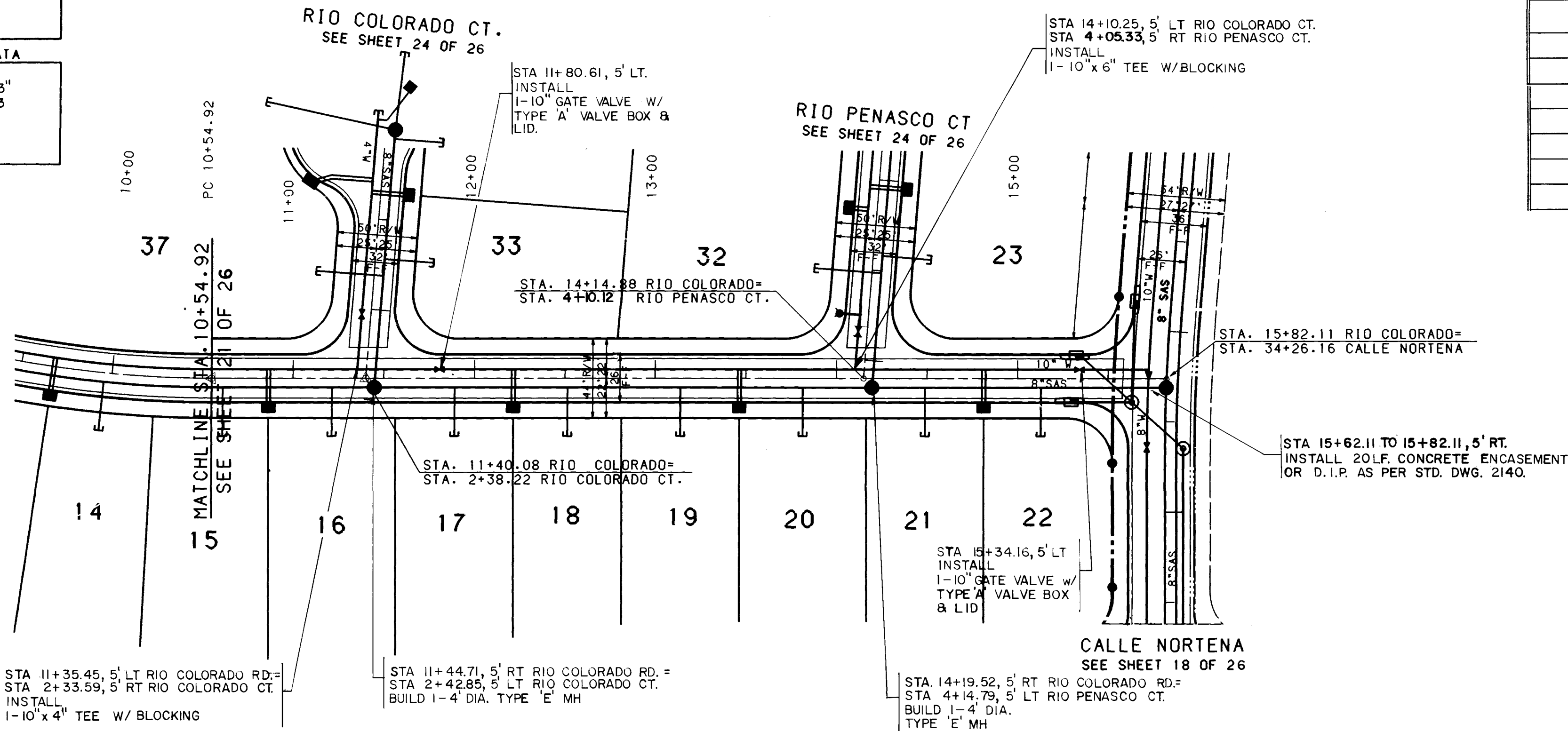
RIVERVIEW ESTATES SUBDIVISION
UTILITY PLAN & PROFILE
RIO COLORADO ROAD

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>Roger Arce</i>	7-7-92	WATER	<i>N. Wilson</i>	6-22-92
TRANSPORTATION	<i>R. L. H.</i>	6-25-92	WASTE WATER	<i>R. L. H.</i>	..
HYDROLOGY	<i>S. Wilson</i>	7-21-92			

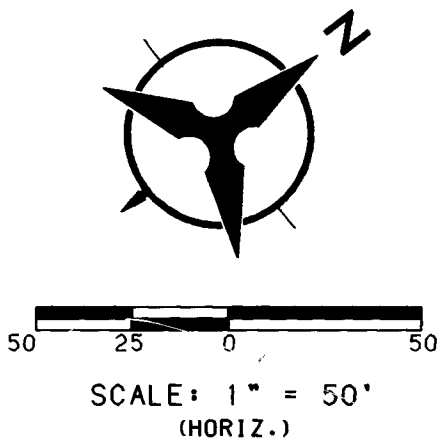
DRAWING NO. 4460.90 MAP NO. D-12 SHEET 21 OF 26

WATER LINE CURVE DATA	
P.I.	8+20.12
Delta	48° 21' 53"
D	9° 37' 46"
T	267.18'
L	502.25'
R	595.00'

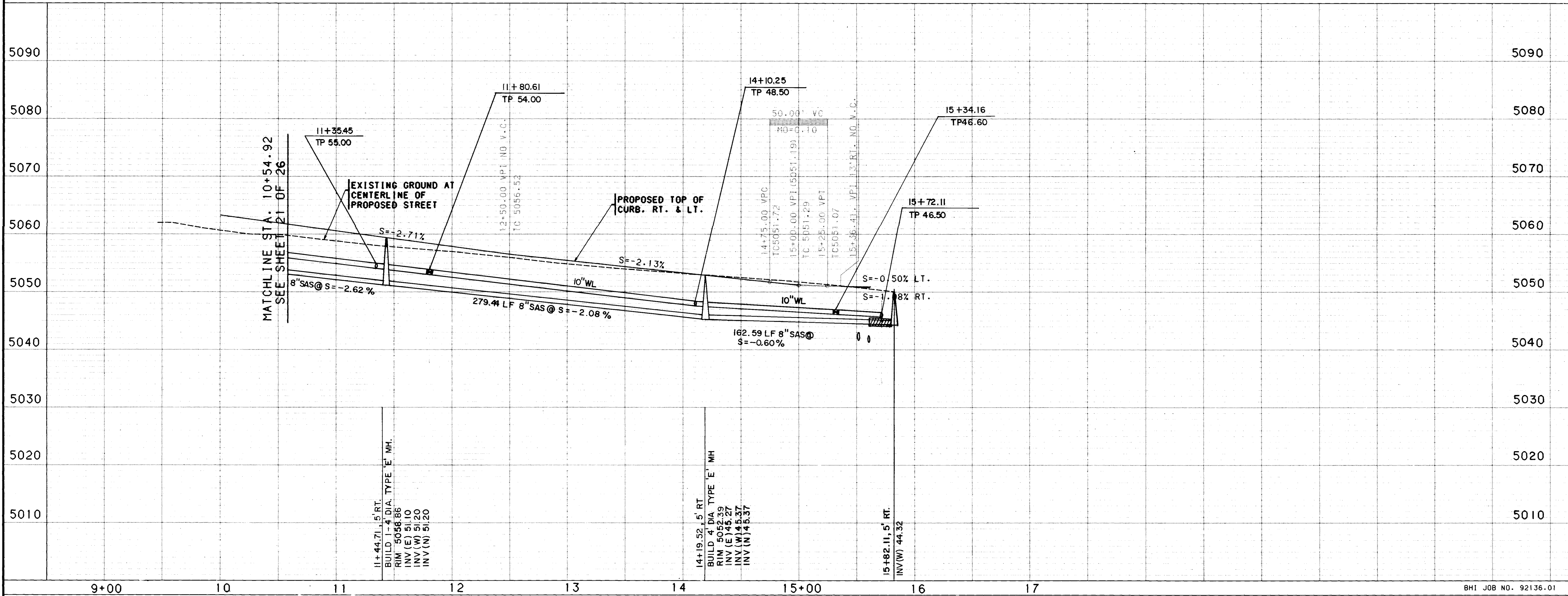
SAS CURVE DATA	
P.I.	8+15.63
Delta	48° 21' 53"
D	9° 28' 13"
T	271.67'
L	510.69'
R	605.00'



WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
15	10+86.38, 5' LT.	DOUBLE	10+55.06, 5' RT.	27'	57.50
16			11+21.38, 5' RT.	27'	55.50
17	12+21.38, 5' LT.	DOUBLE	11+88.88, 5' RT.	27'	54.00
18			12+51.38, 5' RT.	27'	52.50
19	13+46.38, 5' LT.	DOUBLE	13+13.88, 5' RT.	27'	51.00
20			13+81.38, 5' RT.	27'	49.50
21	14+81.38, 5' LT.	DOUBLE	14+48.88, 5' RT.	27'	48.50
22			15+08.90, 5' RT.	27'	47.00

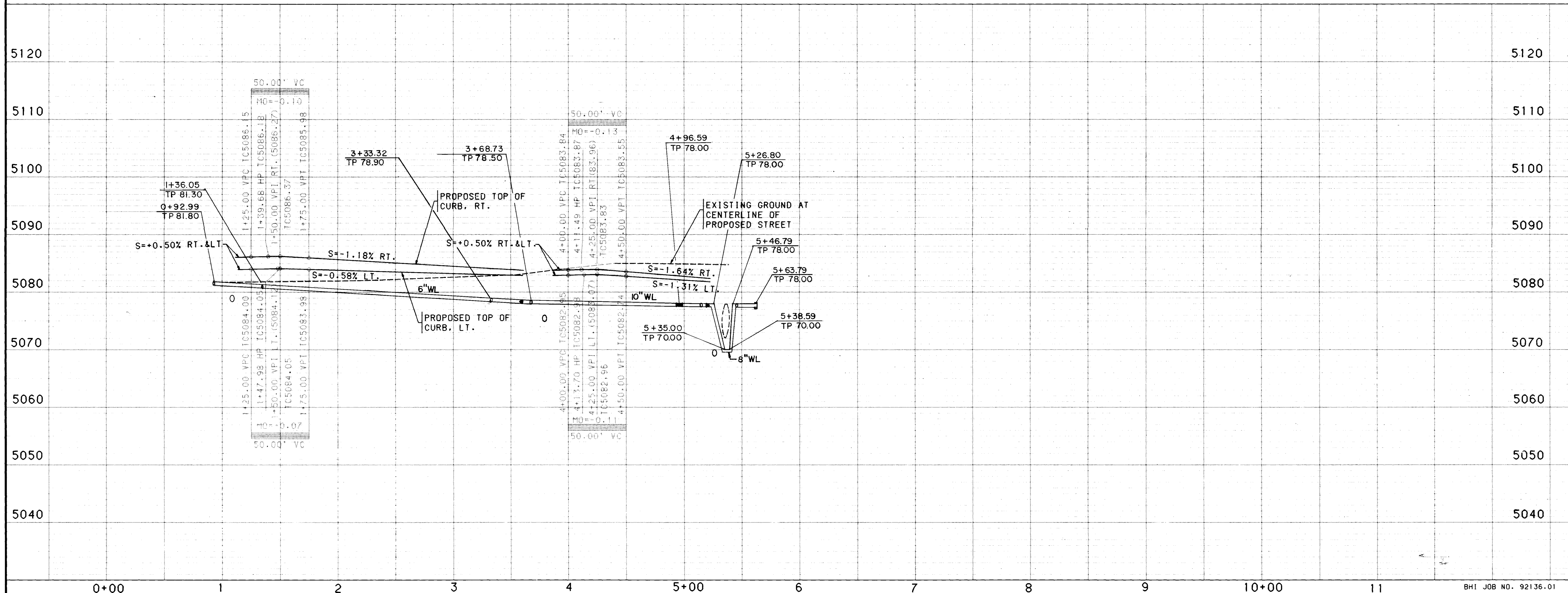
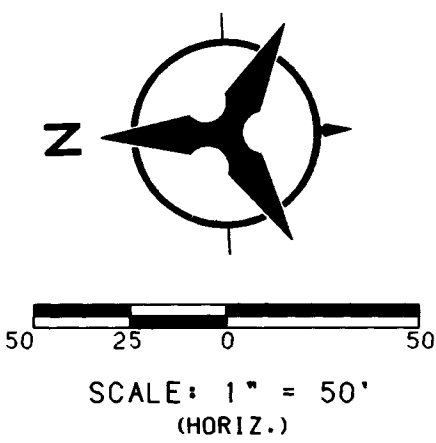
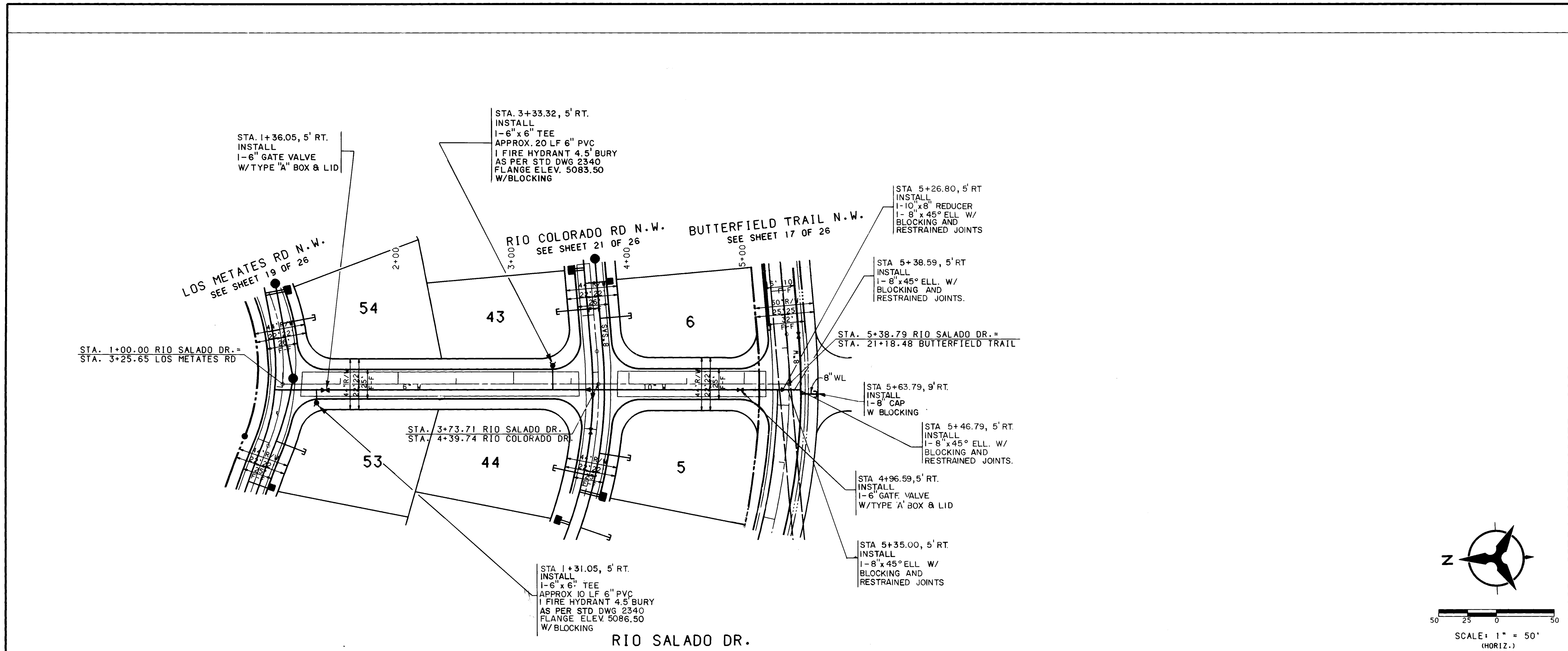


- NOTES**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 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 EMD 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.
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ENGINEER'S SEAL		REVISIONS		DESIGN	
NO.	DATE	NO.	DATE	NO.	DATE
90201	6/20/90				
REMARKS		BY		DATE	
				5/92	
				5/92	
				5/92	

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING					
RIVERVIEW ESTATES SUBDIVISION UTILITY PLAN & PROFILE RIO COLORADO ROAD					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	R. R. R. R.	7-7-92	WATER	R. R. R. R.	7-7-92
TRANSPORTATION	R. R. R. R.	7-7-92	WASTE WATER	R. R. R. R.	7-7-92
HYDROLOGY	R. R. R. R.	7-7-92			
DRAWING NO.		MAP NO.		SHEET OF	
4460.90		D-12		22 26	



NOTES

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AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	STATION MARK	DATE	NO.	BY	NO.	DATE
CONTRACTOR	DATE	STATION MARK	DATE	90201	BHI PHOTOGRAMMETRY	6-20-90	

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

MICRO-FILM INFORMATION	
RECORDED BY	DATE

26 4460.902393

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

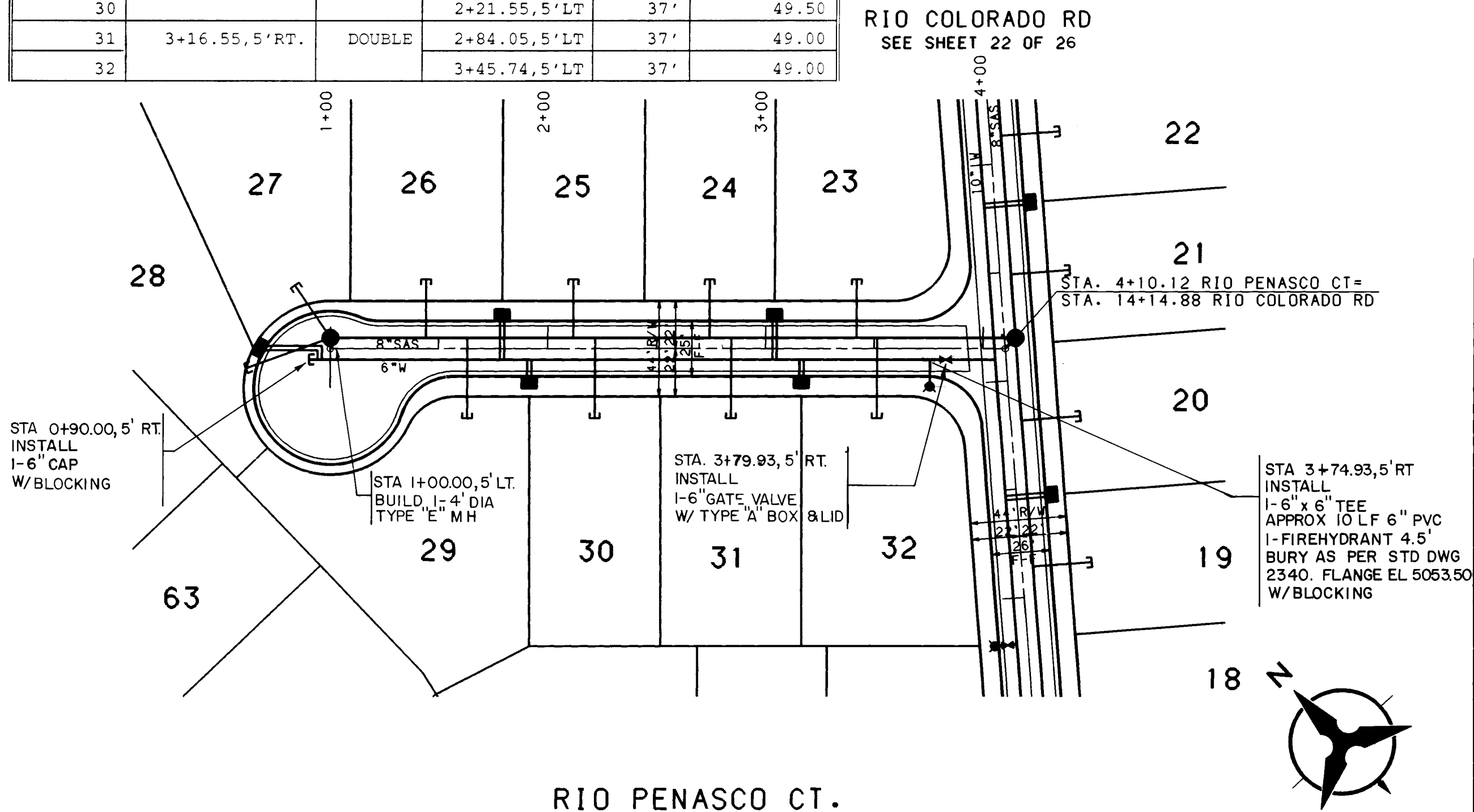
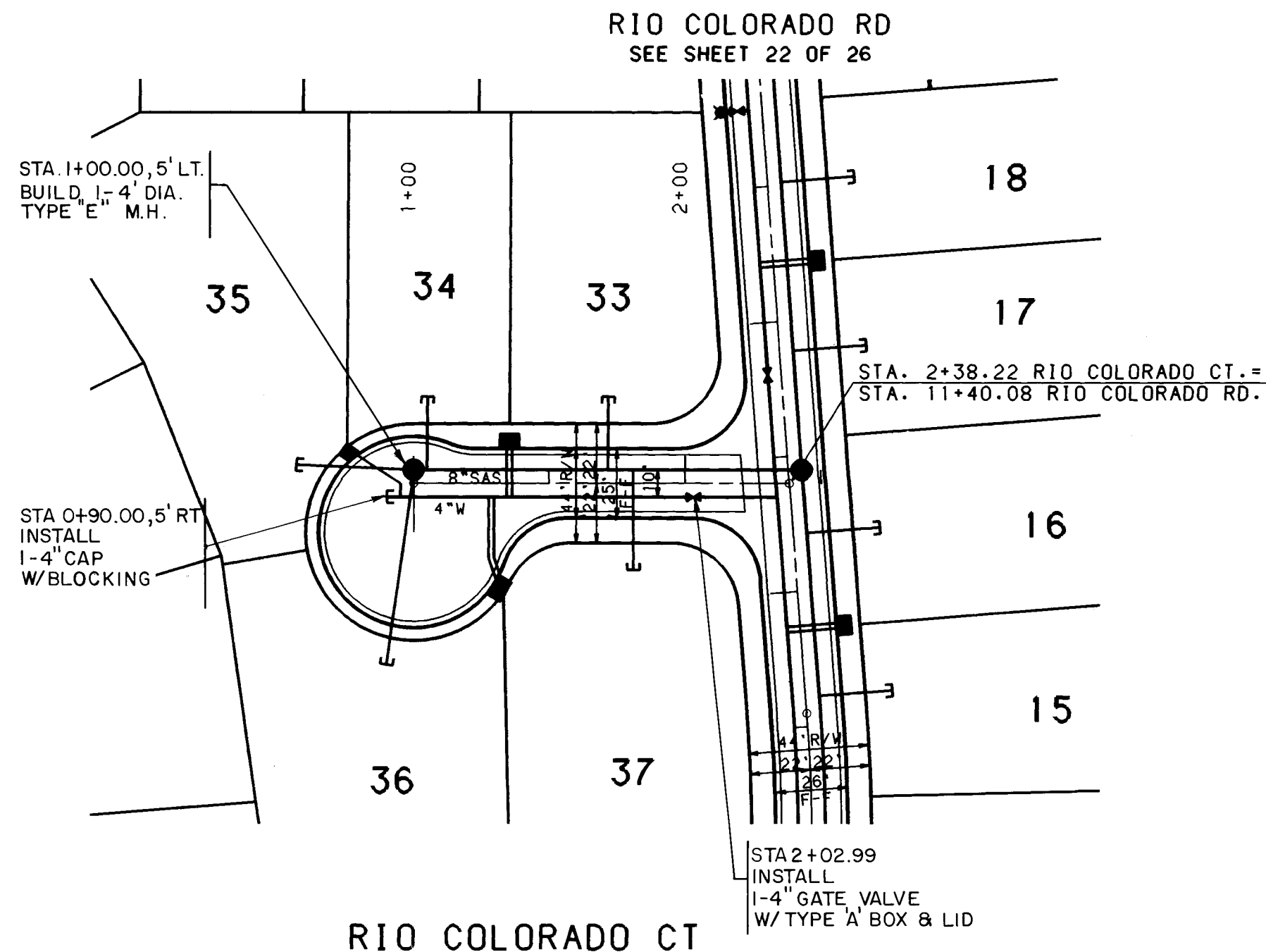
RIVERVIEW ESTATES SUBDIVISION
UTILITY PLAN & PROFILE
RIO SALADO DR.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Robert J. [Signature]	7-7-92	WATER	MLH	6-22-92
TRANSPORTATION	A. [Signature]	6-23-92	WASTE WATER	MLH	
HYDROLOGY	A. [Signature]	7-02-92			

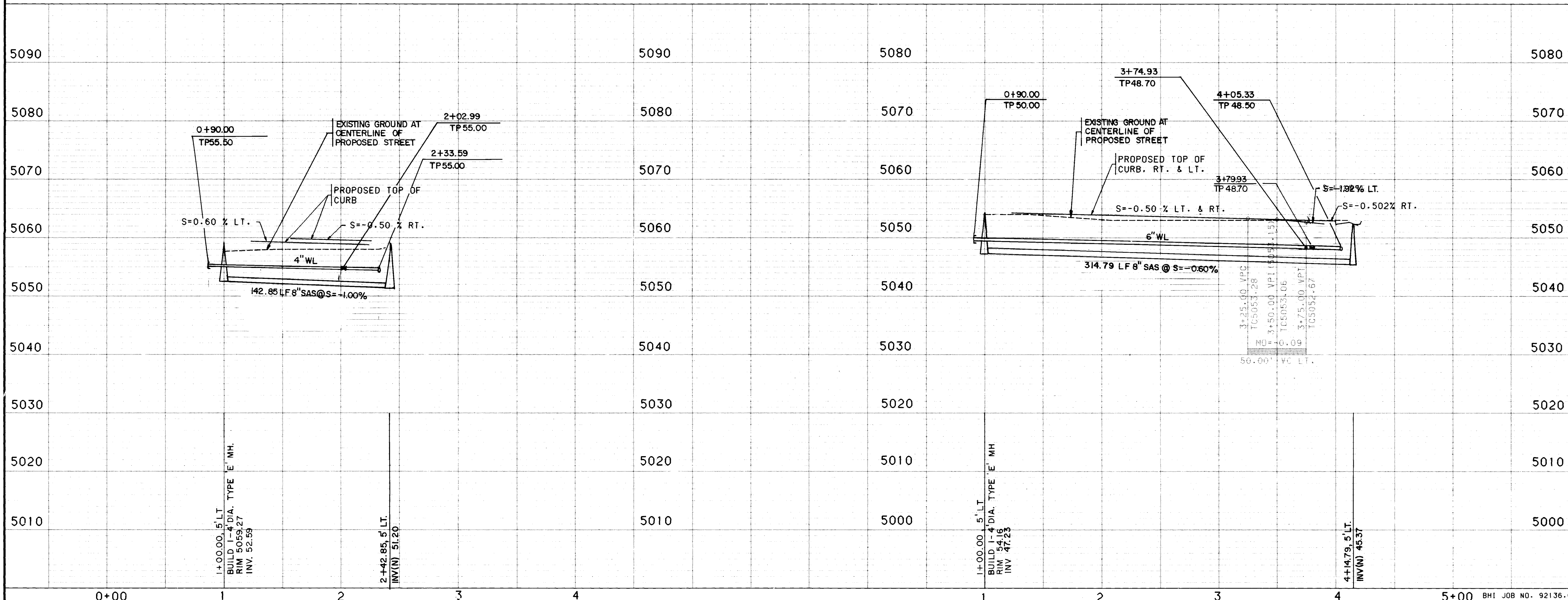
DRAWING NO.	MAP NO.	SHEET	OF
4460.90	D-12	23	26

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
33	1+35.36, 5' RT.	DOUBLE	1+72.36, 5' LT	27'	55.00
34			1+05.36, 5' LT	27'	55.50
35	0+95.5, 5' RT.	SINGLE	1+00.00, MH	43'	56.00
36	1+28.36, 5' RT.	DOUBLE	1+00.00, MH	72'	56.00
37			1+81.36, 5' LT	37'	55.50

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
23	3+04.06, 5' RT.	DOUBLE	3+36.62, 5' LT	27'	49.00
24			2+74.06, 5' LT	27'	49.00
25	1+79.06, 5' RT.	DOUBLE	2+11.56, 5' LT	27'	49.50
26			1+44.06, 5' LT	27'	50.00
27	0+95.00, 5' RT.	DOUBLE	1+00.00, MH	30'	50.50
28			1+00.00, MH	40'	51.00
29	1+91.55, 5' RT.	DOUBLE	1+62.55, 5' LT	37'	50.00
30			2+21.55, 5' LT	37'	49.50
31	3+16.55, 5' RT.	DOUBLE	2+84.05, 5' LT	37'	49.00
32			3+45.74, 5' LT	37'	49.00



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ENGINEER'S SEAL

REVISIONS

NO.	DATE	REMARKS	BY
1	5-29-92	DESIGN	JPK
2	6-16-92	REVISED	JPK

DESIGNED BY: JPK/KLD
DRAWN BY: OR
CHECKED BY: JPK

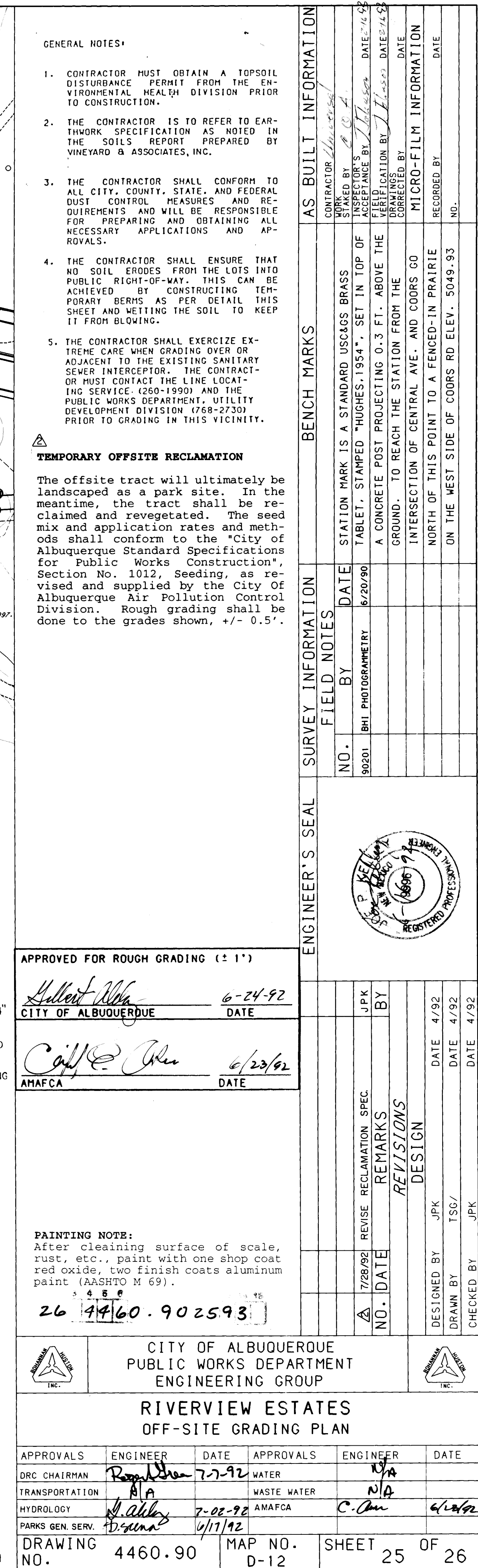
DATE: 5/92
DATE: 5/92
DATE: 5/92

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

RIVERVIEW ESTATES SUBDIVISION
UTILITY PLAN & PROFILE
RIO COLORADO CT / RIO PENASCO CT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
ORC CHAIRMAN	Robert Allen	7-7-92	WATER	Allen	6-22-92
TRANSPORTATION	John C. Allen	6-25-92	WASTE WATER	Allen	
HYDROLOGY	John C. Allen	7-02-92			

DRAWING NO. 4460.90
MAP NO. D-12
SHEET 24 OF 26



DESIGN NO.	CLEAR SPAN	CLEAR HEIGHT	REINFORCING BARS															DIMENSIONS										QUANTITIES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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h	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing	Size	Length	Spacing