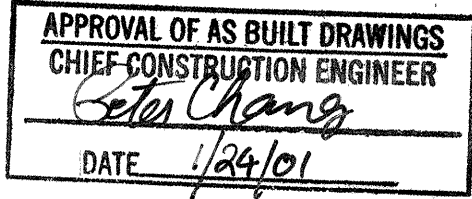


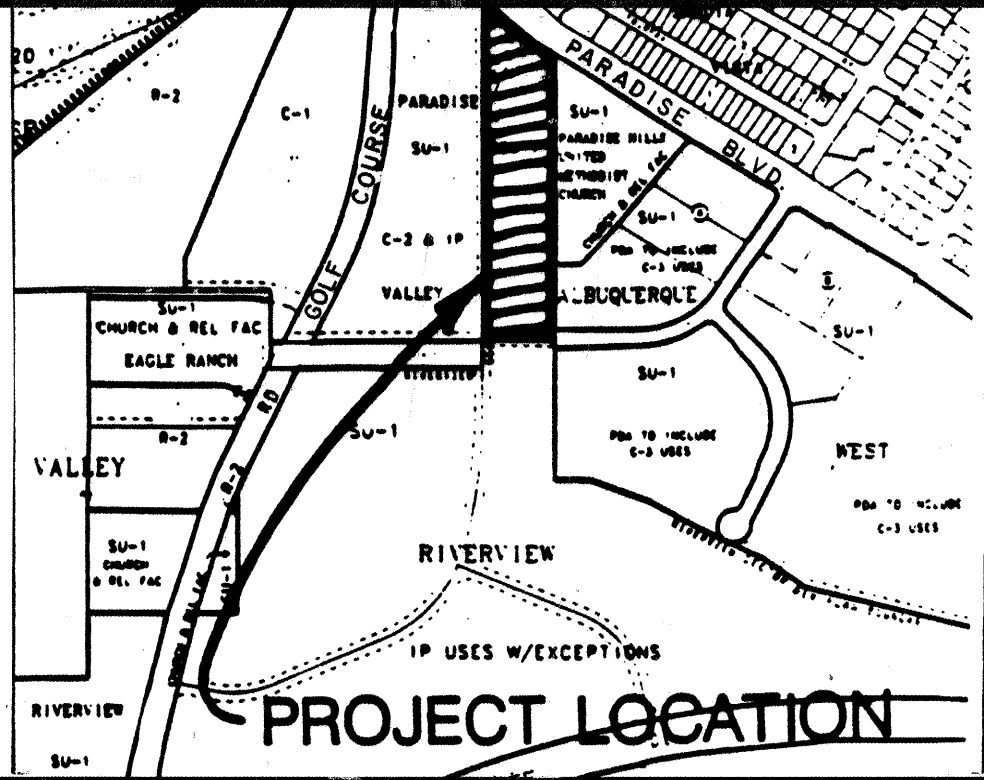
CONSTRUCTION PLANS
FOR
CACTUS TRAIL SUBDIVISION

ALBUQUERQUE, NEW MEXICO

INDEX	
SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
2	PLAT
3	FINAL GRADING AND DRAINAGE PLAN
4	PAVING PLAN
	PAVING PLAN AND PROFILE
5	CACTUS TRAIL ROAD
6	CACTUS TRAIL ROAD
7	UTILITY PLAN
	UTILITY PLAN AND PROFILE
8	CACTUS TRAIL ROAD
9	CACTUS TRAIL ROAD



Construction at Paradise Blvd
must be accomplished before
or after the work at Paradise Blvd
& Golf Course Road for the Golf
Course Storm Drain Project
Contact Construction Engineering
768-3623 *[Signature]*



VICINITY MAP
NOT TO SCALE
C-12

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 (THROUGH UPDATE #4), AND NEW MEXICO UTILITIES, INC. SPECIFICATIONS FOR WATER & WASTEWATER FACILITIES.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- THE CONTRACTOR SHALL NOTIFY NEW MEXICO UTILITIES, INC. (898-2661) THREE WORKING DAYS PRIOR TO BEGINNING THE CONSTRUCTION OF THE 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 BARRICADE PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYING SECTION. 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 STANDARD SPECIFICATIONS.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☐ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

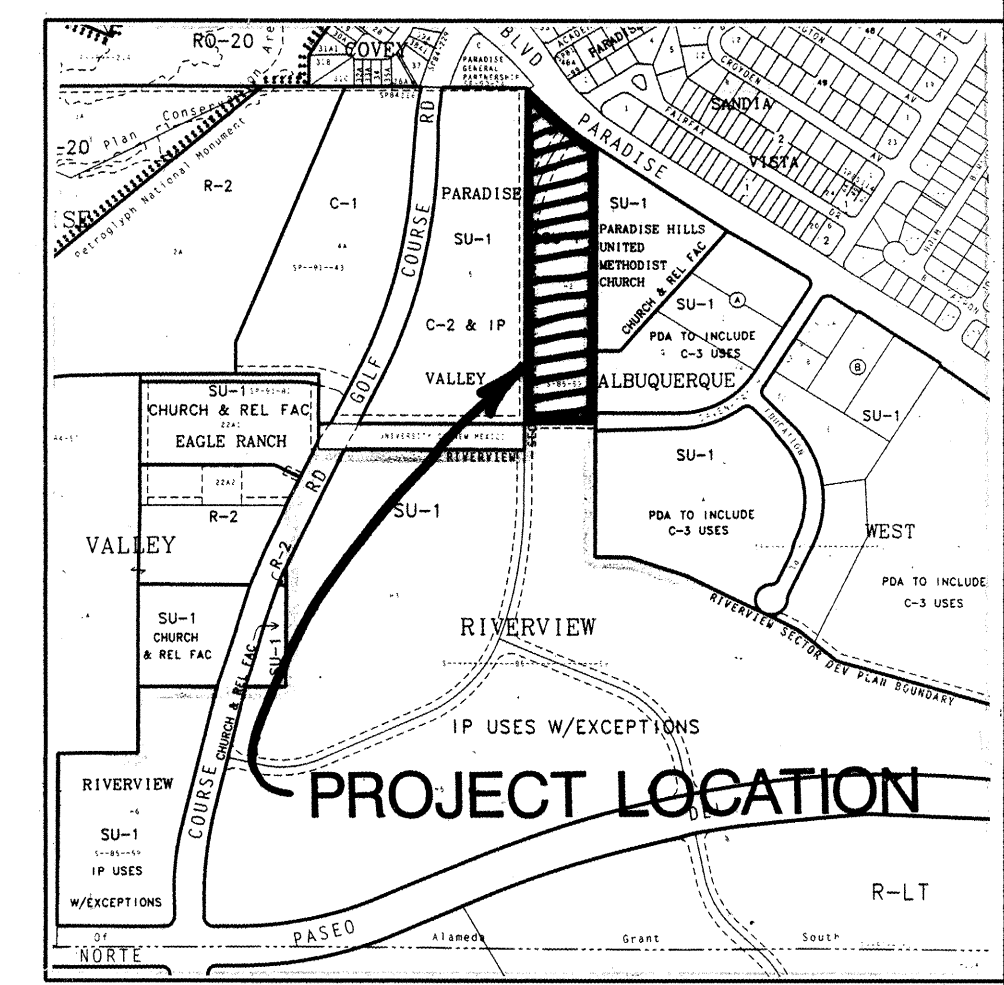
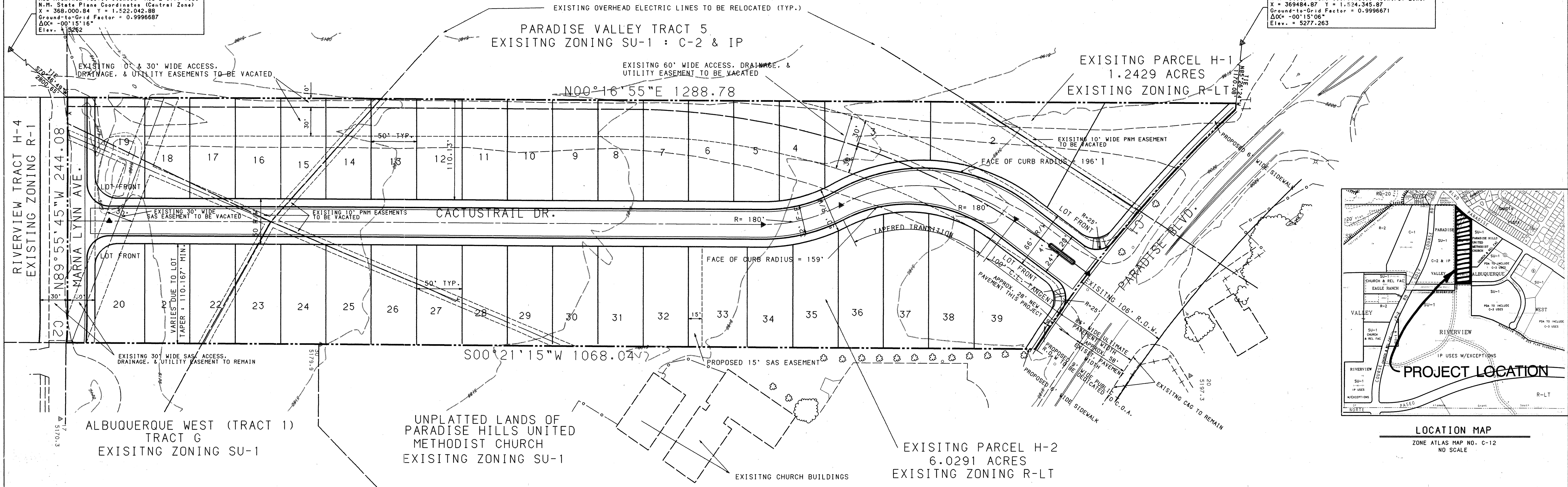
REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

APPROVAL OF REVISIONS

	 BOHANNAN HUSTON INC. ALBUQUERQUE, NEW MEXICO ENGINEERS PLANNERS PHOTOGRAMMETRISTS	APPROVED FOR CONSTRUCTION <i>[Signature]</i> C.E.
DRAWING NUMBER 5072.90		SHEET 01 OF 9

ACS Aluminum Tablet stamped "ACS 2-C11, 1986"
N.M. State Plane Coordinates (Central Zone)
X = 368,000.84 Y = 1,522,042.88
Ground-to-Grid Factor = 0.9996687
ΔOC = -00°15'16"
Elev. = 5272

ACS Aluminum Tablet stamped "ACS 3-B12, 1986"
N.M. State Plane Coordinates (Central Zone)
X = 369484.87 Y = 1,524,345.87
Ground-to-Grid Factor = 0.9996671
ΔOC = -00°15'06"
Elev. = 5277.263



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

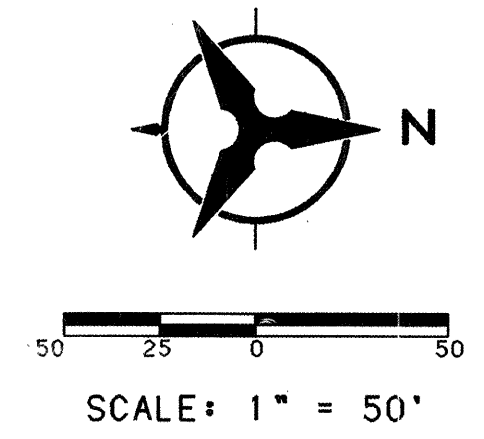
CURVE DATA						
NUMBER	ARC	RADIUS	DELTA	CHORD	CHORD BEARING	TANGENT
C1	346.30	1401.14	14°09'40"	345.42	S50°01'50"E	174.04
C2	26.20	380.00	3°56'59"	26.19	N87°57'15"W	13.10
TANGENT DATA						
NUMBER	BEARING	DISTANCE				
T1	S89°07'54"E	5.79				

LEGEND	
PROJECT BOUNDARY	---
PROPOSED CURB & GUTTER	==
EXISTING CURB & GUTTER	- - - -
EASEMENT LINE	- - - -
EXISTING BUILDING	---
EXISTING TREE OR SHRUB	⊗
PROPOSED FIRE HYDRANT	⊙
EXISTING CONTOUR	5192
EXISTING INDEX CONTOUR	5185
EXISTING SPOT ELEVATION	---
EXISTING ELECTRIC LINE	---
PROPOSED LOT PROPERTY LINE	---
EXISTING POWER POLE	---

- GENERAL NOTES:
- EXISTING ZONING: RLT
PROPOSED ZONING: NO CHANGE
PROPOSED DEVELOPMENT: SINGLE FAMILY DETACHED RESIDENTIAL
 - TOTAL ACREAGE: 7.272 ACRES
NUMBER OF LOTS: 39
PROPOSED DENSITY: 5.36 D.U./AC
 - MINIMUM LOT DIMENSIONS: 50' X 110'
MINIMUM LOT AREA: 5500 S.F.
 - ALL STREETS AND DRAINAGE IMPROVEMENTS ARE TO BE PUBLIC, TO BE DEDICATED FOR MAINTENANCE TO THE CITY OF ALBUQUERQUE.
 - ALL SANITARY SEWER AND WATER UTILITIES IN THE STREET R.O.W. ARE TO BE PUBLIC, TO BE DEDICATED FOR MAINTENANCE TO NEW MEXICO UTILITIES INC.
- Cleve Matthews* 8/15/94
SANDIA PROPERTIES LTD., OWNER DATE

- SURVEY NOTES:
- ALL BOUNDARY CORNERS SHOWN () WILL BE MARKED BY A 5/8" REBAR WITH A PLASTIC CAP STAMPED "P.L.S. 5978".
 - ALL STREET CENTERLINE POINTS SHOWN (▲) WILL BE MARKED BY A 4" ALUMINUM DISK STAMPED "P.L.S. 6544".
 - THE SUBDIVISION BOUNDARY WILL BE TIED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM AS SHOWN.
 - BASIS OF BEARINGS WILL BE NMSP GRID BEARINGS.
 - DISTANCES SHALL BE GROUND DISTANCES.
 - MONUMENTS WILL BE OFFSET AT ALL POINTS OF CURVATURE, POINTS OF TANGENCY, STREET INTERSECTIONS, AND ALL OTHER ANGLE POINTS IF REQUIRED TO AVOID SEWER MANHOLES.
- APPROVED FOR MONUMENTATION AND STREET NAMES
Neil Chase 08/15/94
CITY SURVEYOR DATE

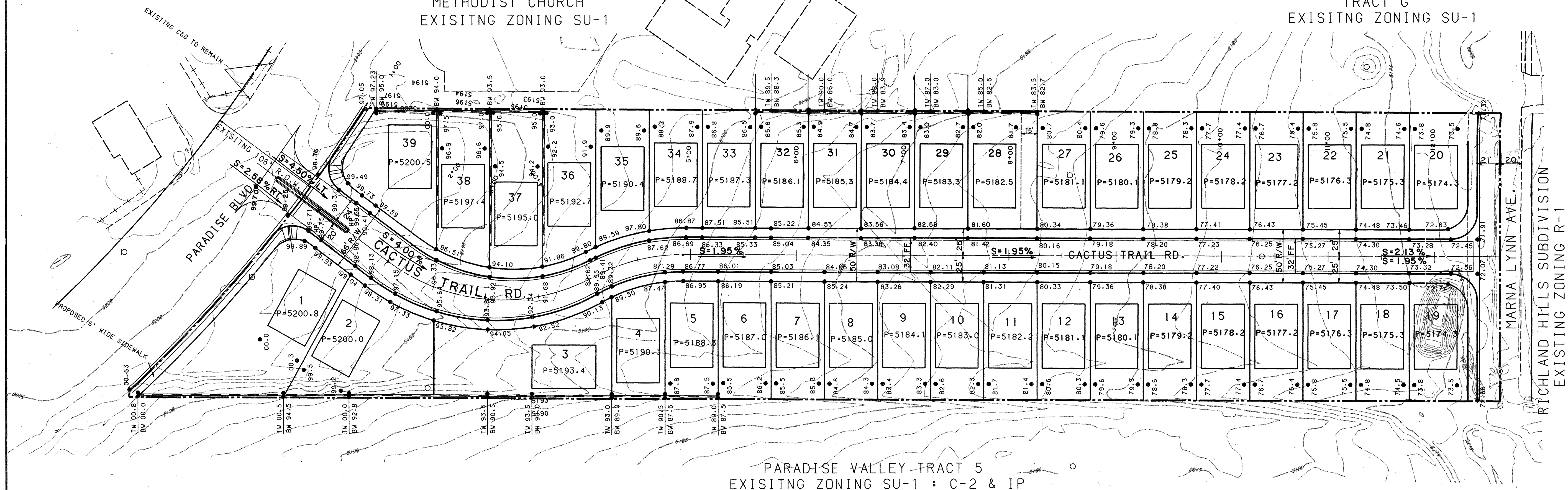
PRELIMINARY PLAT
RIVERVIEW : TRACTS H-1 & H-2
CACTUS TRAIL SUBDIVISION
ALBUQUERQUE, NEW MEXICO
JULY 1994



SCANNED BY
MESA REPRO

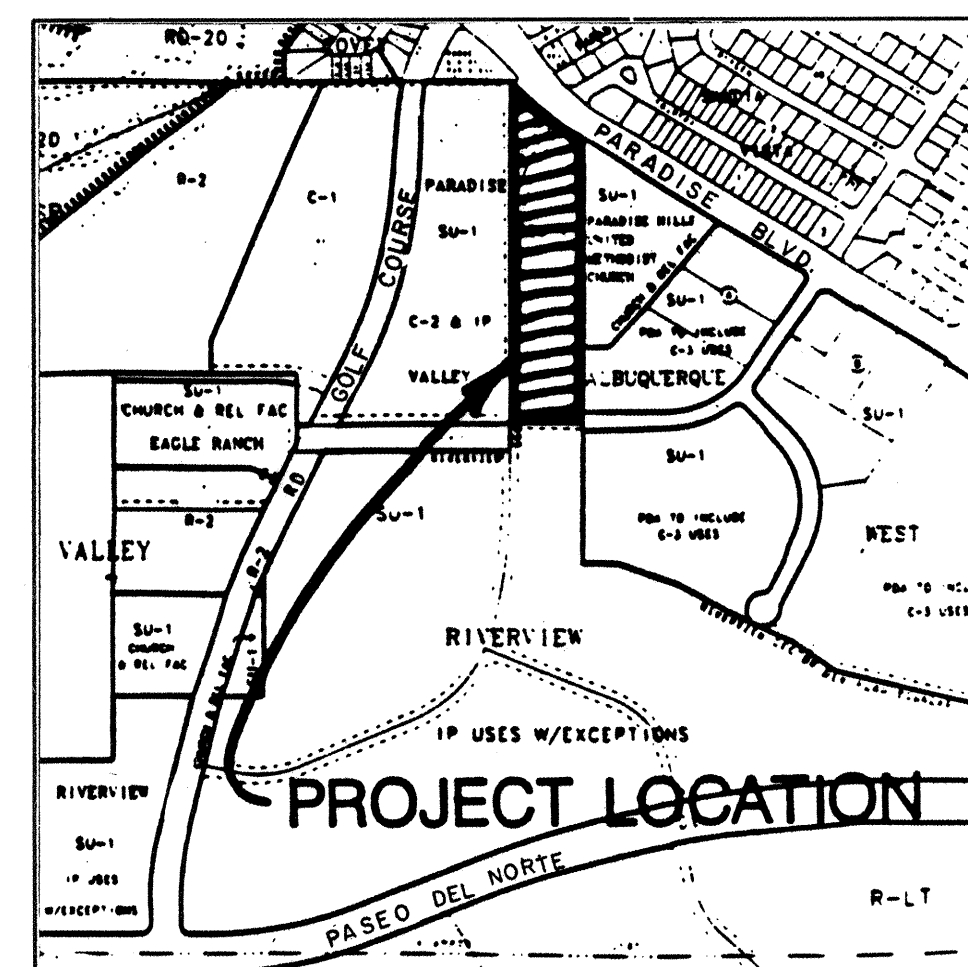
UNPLATTED LANDS OF
PARADISE HILLS UNITED
METHODIST CHURCH
EXISTING ZONING SU-1

ALBUQUERQUE WEST (TRACT 1)
TRACT G
EXISTING ZONING SU-1

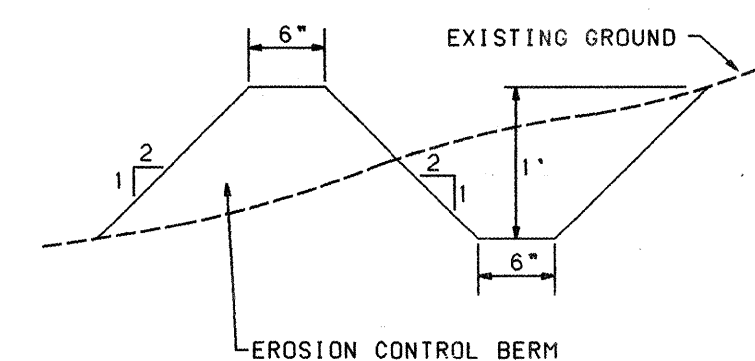


LEGAL DESCRIPTION:
TRACTS H-1 AND H-2, RIVERVIEW SUBDIVISION

- EROSION CONTROL PLAN:
- A. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE CITY OF ALBUQUERQUE, ENVIRONMENTAL HEALTH DIVISION, PRIOR TO CONSTRUCTION.
- B. CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS, PERMITS AND APPROVALS.
- C. ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY EROSION CONTROL BERMS AS PER DETAIL THIS SHEET AND WETTING THE SOIL REGULARLY TO KEEP IT FROM BLOWING.

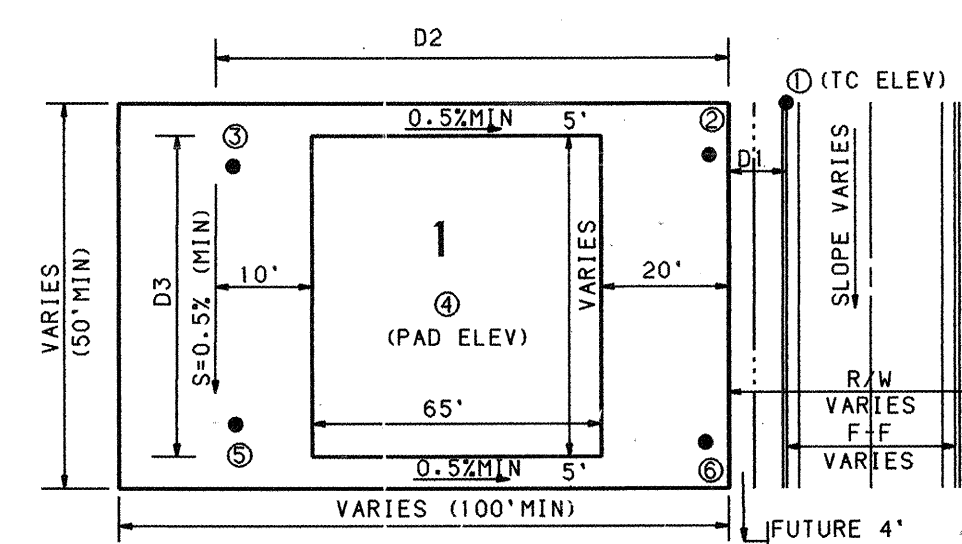


LOCATION MAP
ZONE ATLAS MAP NO. C-12
NO SCALE



EROSION CONTROL PLAN
NO SCALE

A BERM WITH THE DIMENSIONS SHOWN SHALL BE MAINTAINED DURING CONSTRUCTION UNTIL COMPLETION OF INDIVIDUAL HOMES WITHIN THE PROJECT.



TYPICAL LOT GRADING PLAN

NO SCALE

TO SET SPOT ② - MULTIPLY D1 BY 2% AND ADD TO SPOT ① ON HIGH SIDE OF STREET

TO SET SPOT ③ - MULTIPLY D2 BY 0.5% AND ADD TO SPOT ②

TO SET SPOT ④ - ADD 0.5' TO SPOT ③ AND ROUND TO NEAREST 0.5'

TO RESET SPOT ③ - SUBTRACT 0.5' FROM SPOT ④

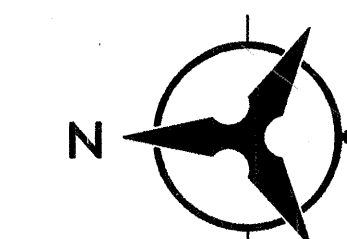
TO SET SPOT ⑤ - MULTIPLY D3 BY 0.5% AND SUBTRACT FROM SPOT ④

(CHECK SLOPE FROM SPOT ⑤ TO SPOT ⑥ TO BE MIN 0.5%)

LEGEND

PROJECT BOUNDARY	
EXISTING CONTOUR	
EXISTING SPOT ELEVATION	○19.25
PROPOSED SPOT ELEVATION	●05.70
DIRECTION OF FLOW	 S=2.564%
BASIN BOUNDARY	
SUB-BASIN BOUNDARY	
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	
STREET FLOW	 $Q_s = 5.0CF$
PIPE FLOW	 $Q_p = 5.0CF$
SHEET FLOW	 $Q = 5.5CFS$

*ALL FLOWS SHOWN ARE 100 YEAR EVENT



SCALE: 1" = 50'

APPROVED FOR ROUGH GRADING ($\pm 1'$)

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

CACTUS TRAIL SUBDIVISION
GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.G. Gooding	11-22-94	WATER	ESR	10/31/94
TRANSPORTATION	N. R. H. H.	11-02-93	WASTE WATER		
HYDROLOGY	F. H.	11-02-94			

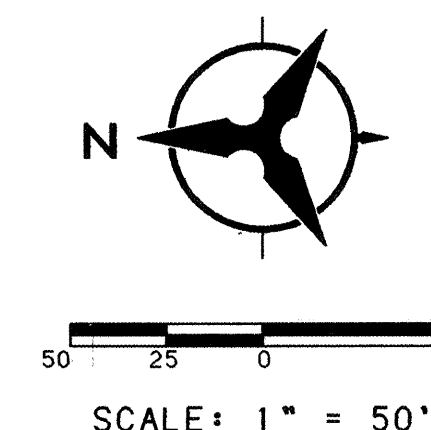
DRAWING NO.	5072.90	MAP NO.	C-12	SHEET	3	OF	9
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BHI JOB NO. 94172.41

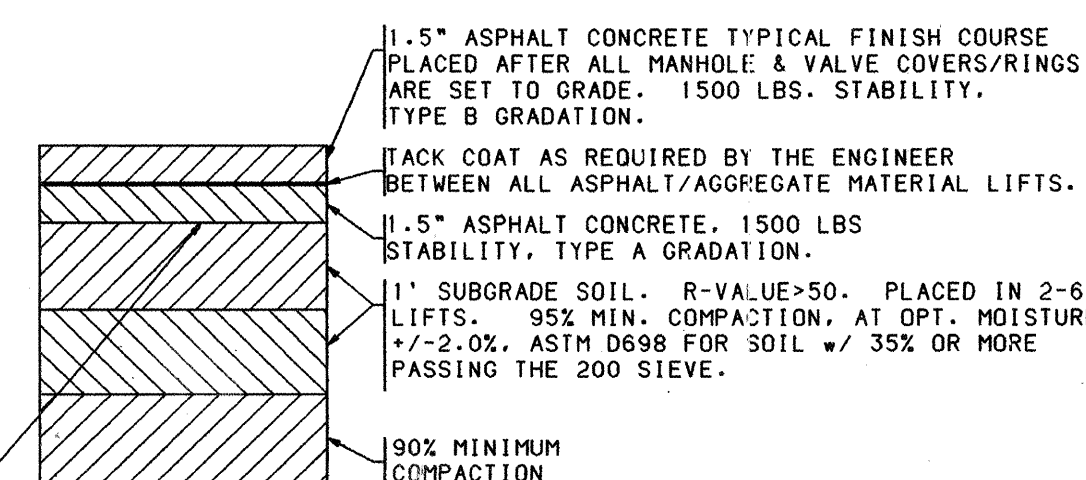
Copyright Bohannon-Huston, Inc. 1994

SERNAME: CDP:[C9417201.PAD]
ILENAME: CTSTRL.GRF

ALBUQUERQUE WEST (TRACT 1)
TRACT G
EXISTING ZONING SU-1



TYPICAL STREET SECTION A-A
NO. SCALE



TYPICAL SUBDIVISION PAVEMENT SECTION

NOTE: REFER TO COA STD DWG 2406

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 |
|---------|----------|--------------|
| PNM | 848-3374 | TOM BACA |
| US WEST | 245-6694 | BECKY OLESEN |
| GAS CO. | 761-7770 | LEO APODACA |
| JONES | 761-6200 | YVETTE SUAZO |

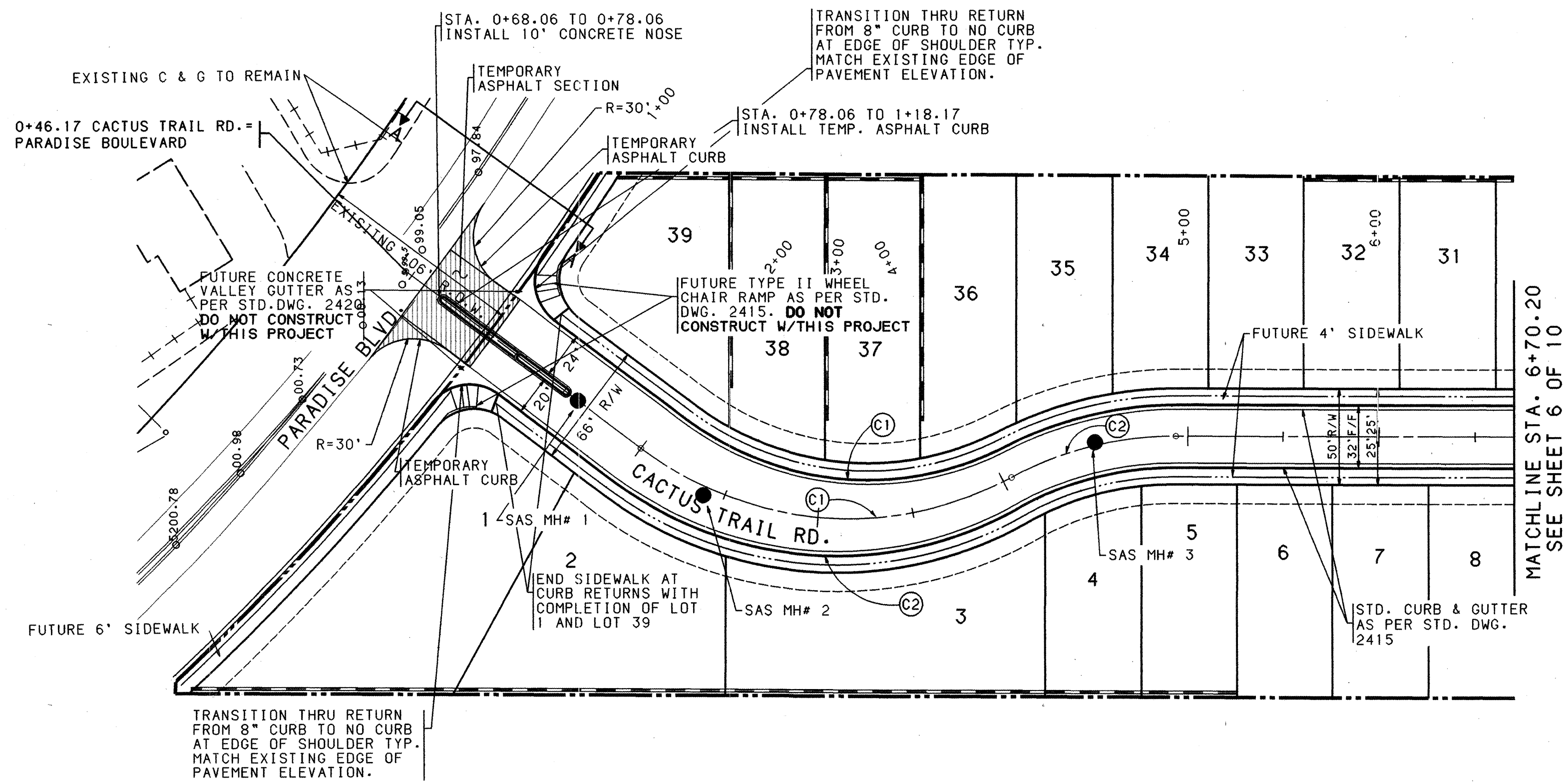
[illegible]

		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
CACTUS TRAIL SUBDIVISION PAVING PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>B.G. Goodwin</i>	<i>11-22-94</i>	WATER	<i>GBL</i>	<i>10/21/94</i>
TRANSPORTATION	<i>Rhoads</i>	<i>11-22-94</i>	WASTE WATER		
HYDROLOGY	<i>29x</i>	<i>11-22-94</i>			
DRAWING NO.		MAP NO.		SHEET	
5072-90		C-12		4 OF 9	

BHI JOB NO. 94172.41

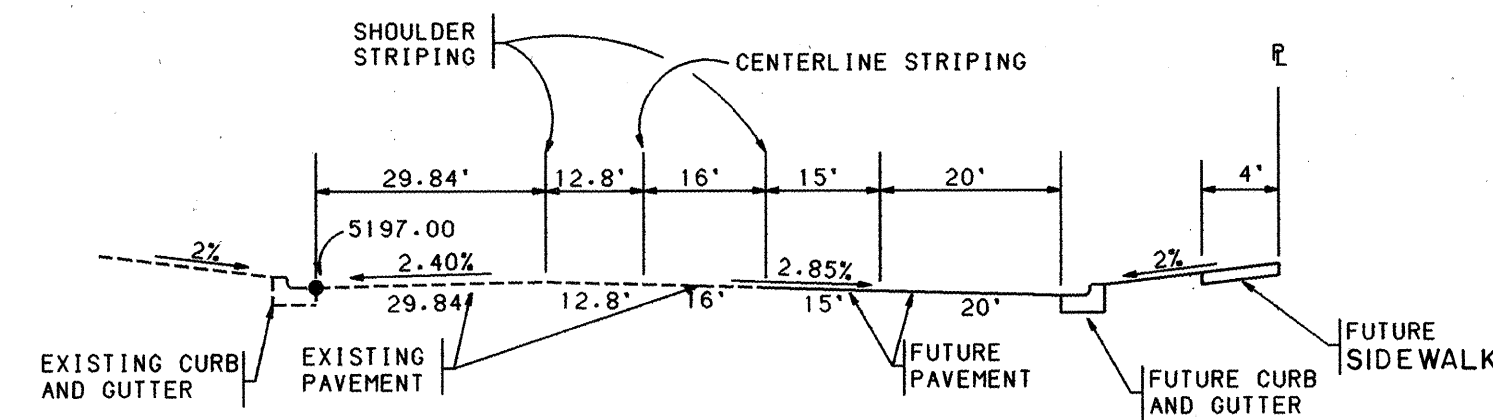
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FILENAME: PAVING.GRF

Copyright Bohannon-Huston, Inc. 1994 DATE: OCT. 26, 1994

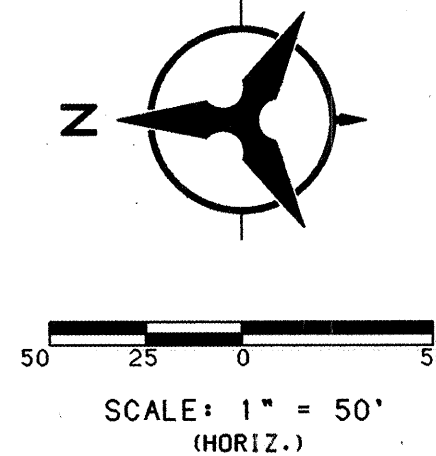


CURB CURVE TABLE							
CURVE	PI STA.	DELTA		SWEEP	TANGENT	LENGTH	RADIUS
C1	3+61.59	64°	2' 35.8"	36° 10' 38"	99.05'	177.03'	158.38'
C2	3+24.53	66°	4' 21.8"	29° 8' 23"	127.87'	226.75'	196.63'

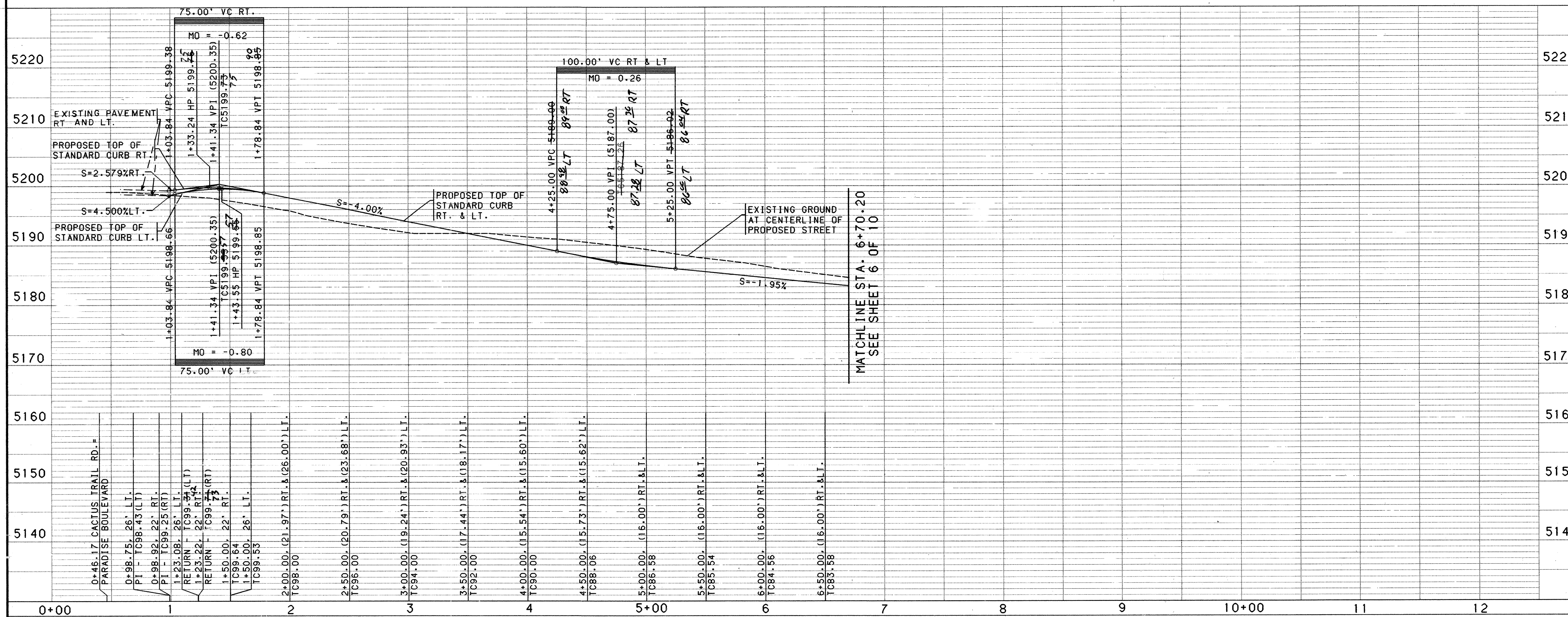
CENTERLINE CURVE TABLE						
CURVE	P1 STA.	DELTA	SWEEP	TANGENT	LENGTH	RADIUS
C1	3+14.99	65° 8' 44.1"	31° 49' 52"	114.99'	204.66'	180.00'
C2	3+06.46	28° 21' 40.9"	31° 49' 52"	45.48'	89.10'	180.00'



PARADISE BLVD. STREET SECTION A-A
NO SCALE



CACTUS TRAIL RD.



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



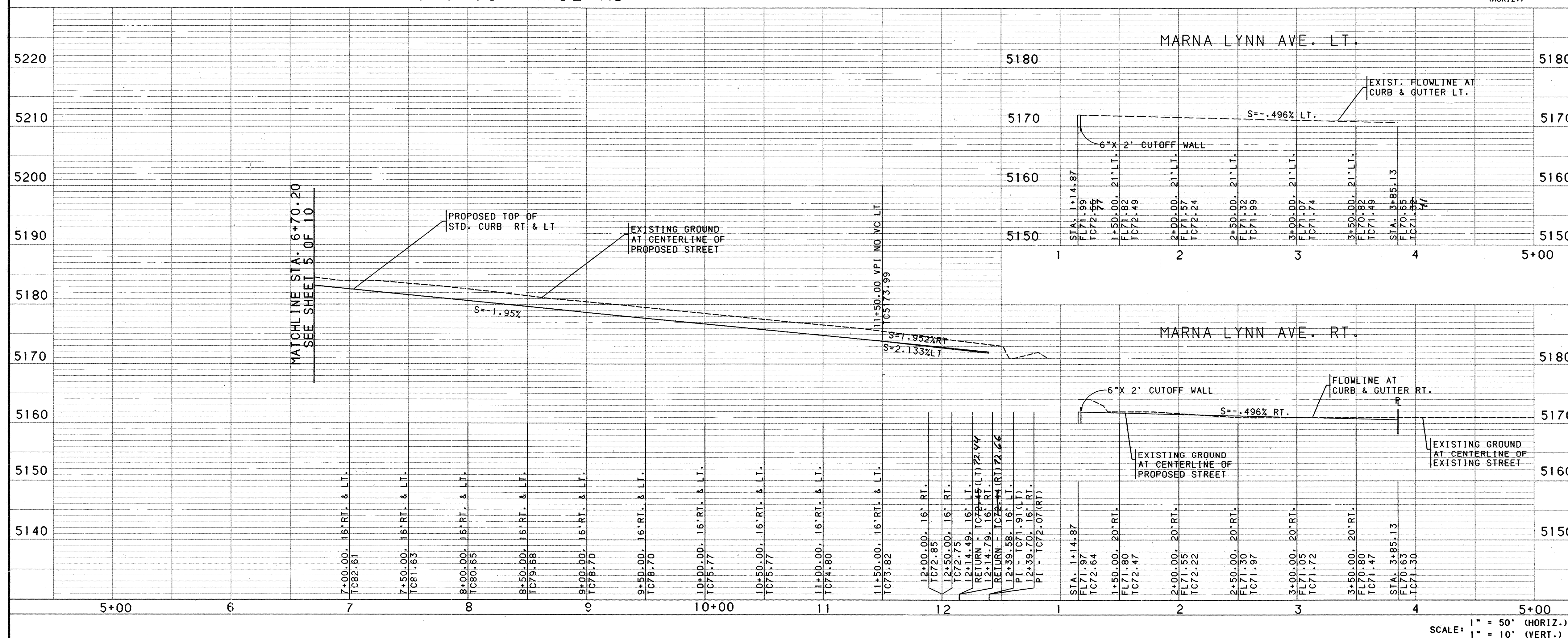
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

CACTUS TRAIL SUBDIVISION
PAVING PLAN & PROFILE
CACTUS TRAIL RD. STA 0+46.17 - 6+70.20

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>B. B. Kordley</i>	11-22-94	WATER	<i>GSR</i>	10/31/94
TRANSPORTATION	<i>D. D. D. D.</i>	11-02-94	WASTE WATER		
HYDROLOGY	<i>3/94</i>	11-18-94			

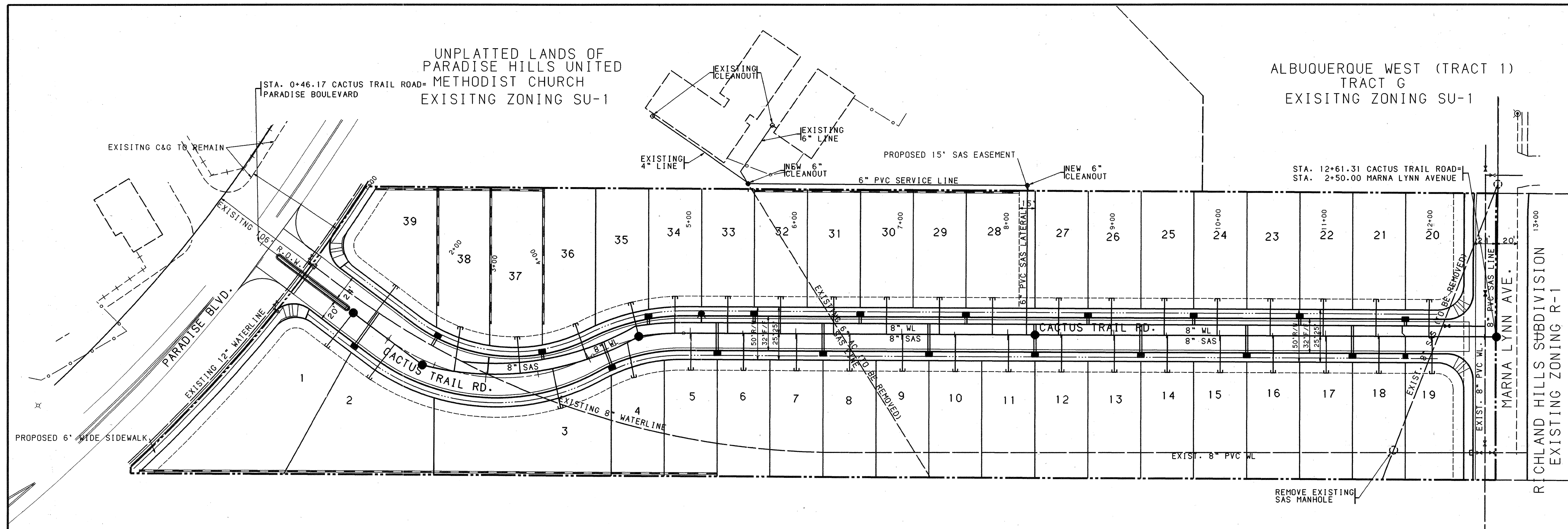
DRAWING NO.	5072.90
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MAP NO. C-12	SHEET 5	OF 9
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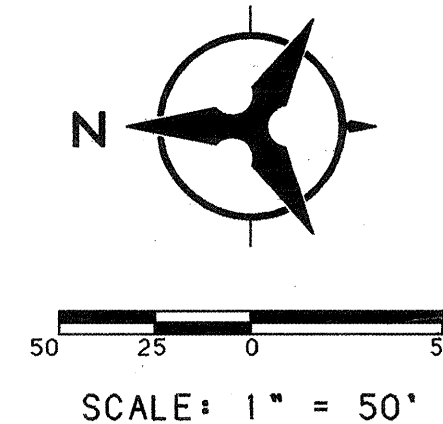


- | | | | | | |
|--|--------------------|---|-------------|---|----------------|
|  | | CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING | |  | |
| CACTUS TRAIL SUBDIVISION
PAVING PLAN & PROFILE
CACTUS TRAIL RD. STA 6+70.20 - 13+11.31 | | | | | |
| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
| DRC CHAIRMAN | <i>Ed. Gooding</i> | <i>11-22-94</i> | WATER | <i>ESR</i> | <i>12/1/94</i> |
| TRANSPORTATION | <i>W. Bouck</i> | <i>11-02-94</i> | WASTE WATER | | |
| HYDROLOGY | <i>zjs</i> | <i>11-19-94</i> | | | |
| DRAWING NO. | 5072.90 | MAP NO. | C-12 | SHEET | 6 OF 9 |
| Copyright Behan-Houston, Inc. 1994
DATE: OCT. 26, 1994 | | | | | |

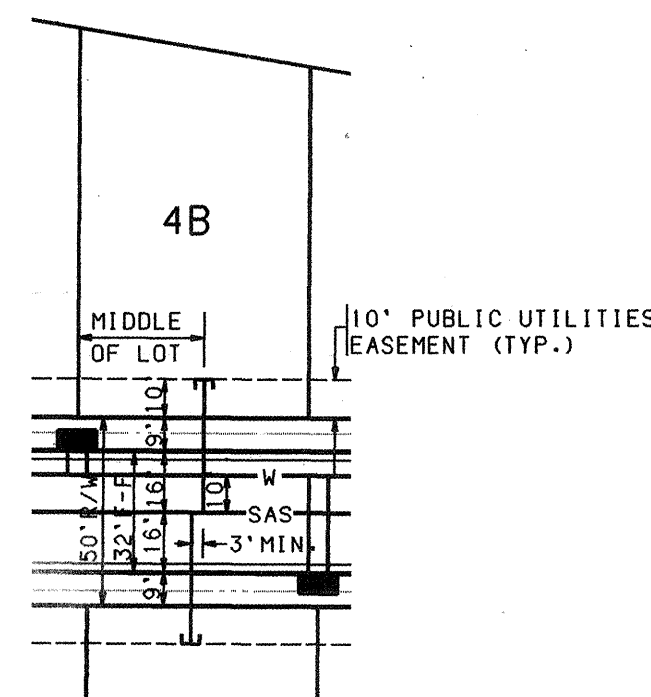
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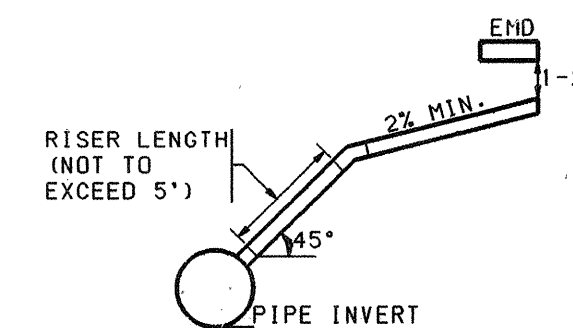
PARADISE VALLEY TRACT 5
EXISTING ZONING SU-1 : C-2 & IP



LEGEND	
PROJECT BOUNDARY	---
PROPOSED CURB & GUTTER	==
EXISTING CURB & GUTTER	- - -
FUTURE SIDEWALK	----
PROPOSED SANITARY SEWER LINE	— SAS —
PROPOSED SANITARY SEWER MANHOLE	●
PROPOSED SANITARY SEWER SERVICE	—
EXISTING SANITARY SEWER LINE	— SAS —
EXISTING SANITARY SEWER MANHOLE	○
PROPOSED WATER LINE	— W —
PROPOSED GATE VALVE	⋈
PROPOSED FIRE HYDRANT	⊙
PROPOSED WATER METER SERVICE	—
EXISTING WATER LINE	— W —
EXISTING GATE VALVE	⋈
EXISTING FIRE HYDRANT	⊙
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	□



TYPICAL UTILITY SERVICE LOCATION
NO SCALE



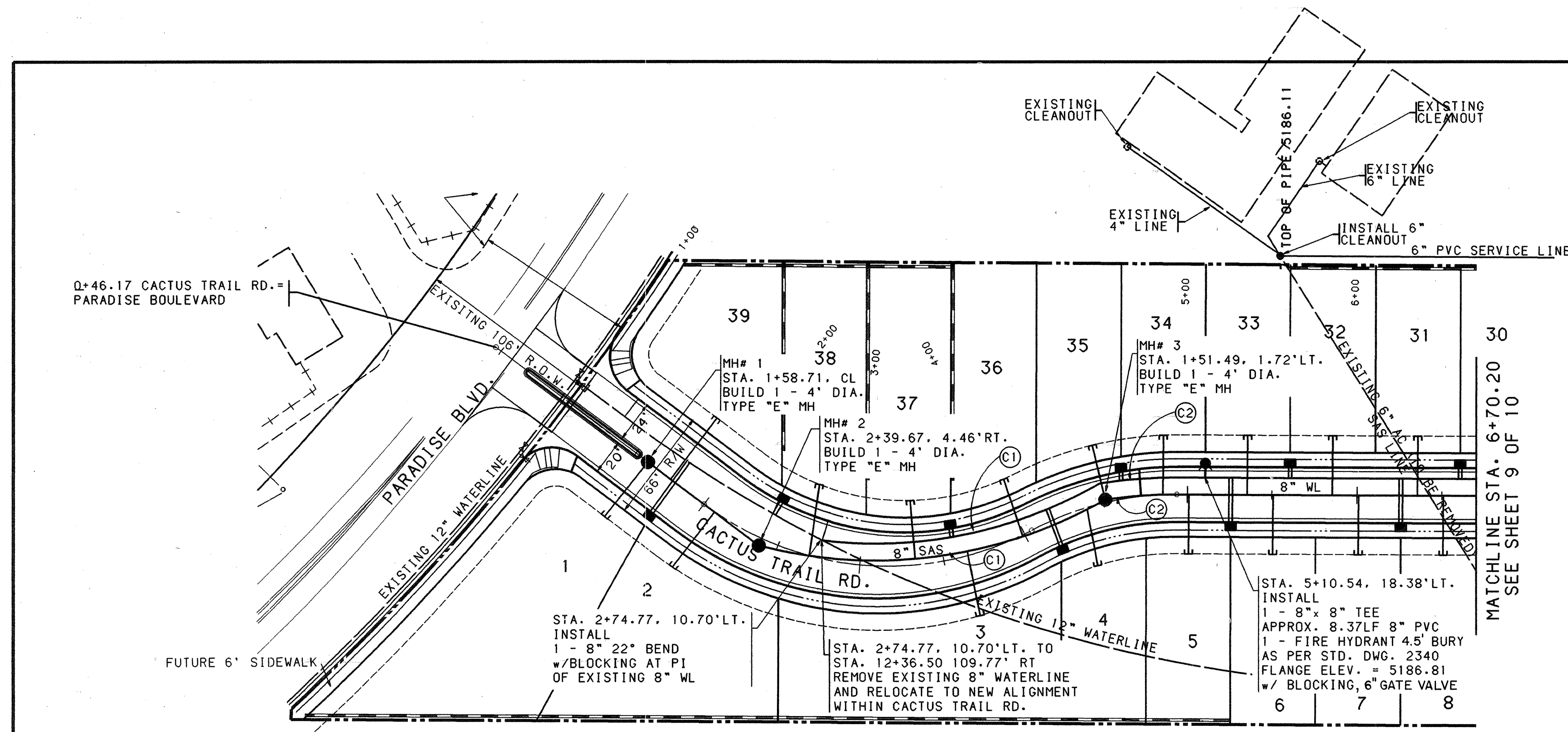
SERVICE RISER DETAIL
(SERVICE CONNECTION & INSTALLATION TO CONFORM TO COA STD. DWG. 2134, USE CI SOIL PIPE ONLY)

NOTES

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

COMPANY	PHONE	CONTACT
PNM	848-3374	TOM BACA
US WEST	245-6694	BECKY OLESEN
GAS CO.	761-7770	LEO APODACA
JONES	761-6200	YVETTE SUAZO

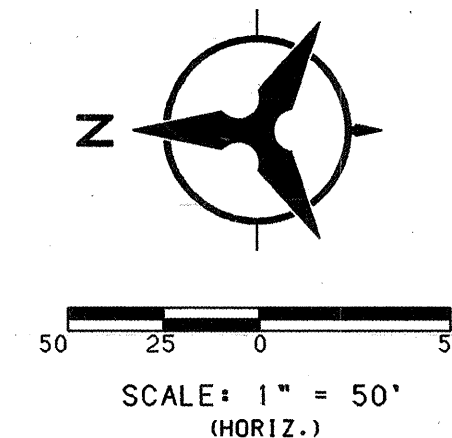
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
CACTUS TRAIL SUBDIVISION UTILITY PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B. J. B. B.	11-22-94	WATER	G. S.	10/1/94
TRANSPORTATION	N. R. R.	11-02-94	WASTE WATER	R. B.	10-28-94
HYDROLOGY	J. P.	11-14-94	N.M.U.I.		
DRAWING NO.	5072.90	MAP NO. C-12	SHEET 7	OF 9	



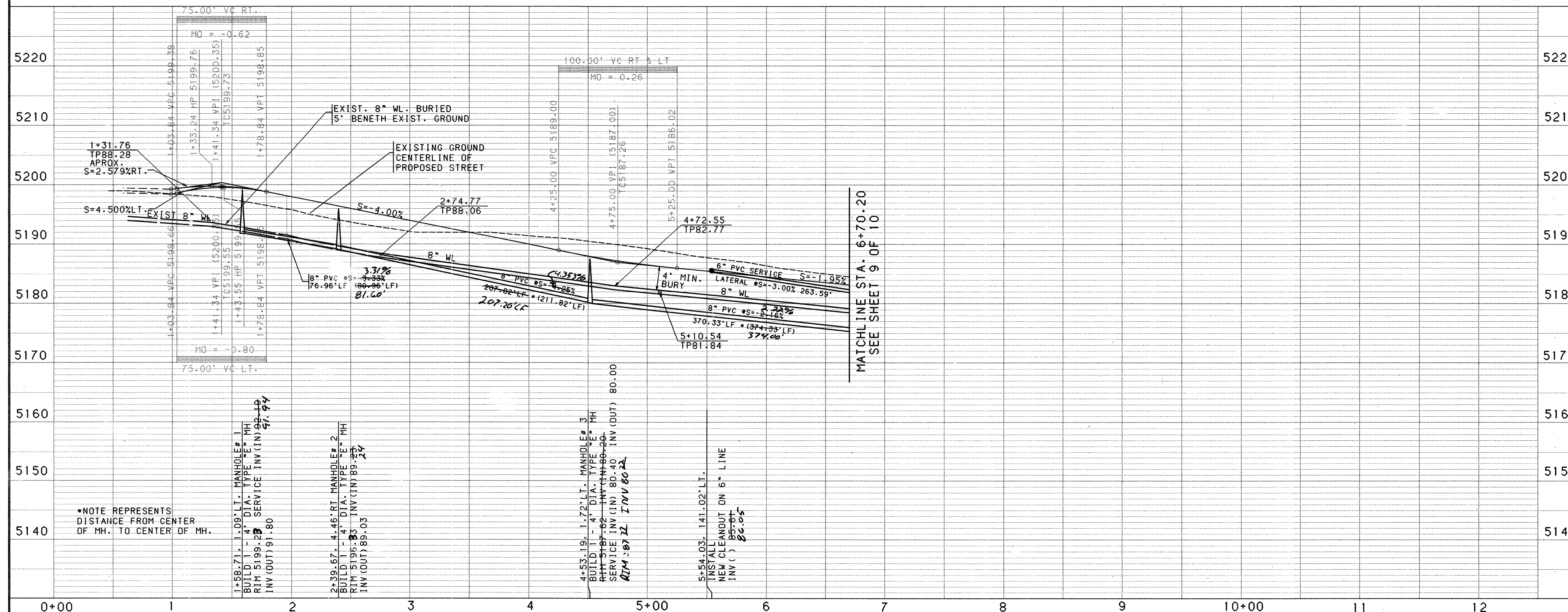
WATERLINE CURVE TABLE						
CURVE	PI STA.	DELTA	SWEET	TANGENT	LENGTH	RADIUS
C1	3+44.59	36° 43' 31.7"	21° 37' 16"	87.96'	169.86'	265.00'
C2	2+88.85	9° 13' 26.1"	20° 6' 14"	22.99'	45.88'	285.00'

SANITARY SEWER LINE CURVE TABLE						
CURVE	PI STA.	DELTA	SWEET	TANGENT	LENGTH	RADIUS
C1	3+50.86	44° 1' 44.4"	20° 50' 05"	111.19'	211.32'	275.00'
C2	2+88.17	8° 50' 37.2"	20° 50' 05"	21.27'	42.45'	275.00'

WATER & SANITARY SEWER SERVICES						
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG	
1	1+77.57, 14.89' RT.	DOUBLE	1+58.71, 1.09' RT (MH)	42.00'	94.05' 4"	
2			2+07.64, CENTERLINE	40.72'	92.39' 2"	
3			3+64.59, 2.59' RT.	38.65'	95.00' 8"	
4	4+18.29, 7.31' RT.	DOUBLE	4+39.59, 1.09' RT.	33.76'	92.59' 2"	
5			5+00.81, CENTERLINE	35.00'	91.38' 4"	
6	5+25.60, 10' RT.	DOUBLE	5+50.67, CENTERLINE	35.00'	79.00' 8"	
7			6+00.81, CENTERLINE	35.00'	78.02' 8"	
8	6+25.60, 10' RT.	DOUBLE	6+50.81, CENTERLINE	35.00'	77.74' 7"	
30			SEE SHEET 9 OF 9	---	---	
31	6+60.61, 10' LT.	DOUBLE	6+35.48, CENTERLINE	35.00'	78.07' 8"	
32			5+85.48, CENTERLINE	35.00'	79.13' 8"	
33	5+60.61, 10' LT.	DOUBLE	5+35.47, CENTERLINE	35.00'	80.23' 8"	
34			4+85.48, CENTERLINE	34.77'	81.30' 2"	
35	4+62.35, 10.96' LT.	DOUBLE	4+51.49, 1.72' LT (MH)	32.91'	82.07' 2"	
36			3+98.43, .78' LT.	35.63'	84.38' 2"	
37	3+57.60, 13.02' LT.	DOUBLE	3+33.12, 3.70' LT.	34.45'	87.09' 8"	
38			2+69.42, CENTERLINE	42.45'	90.61' 8"	
39	2+40.39, 16' LT.	DOUBLE	1+75.46, CENTERLINE	45.00'	93.59' 7"	



CACTUS TRAIL RD.



NOTES

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- ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO INSTALL A 4"x4"x5" POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
- REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
- WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

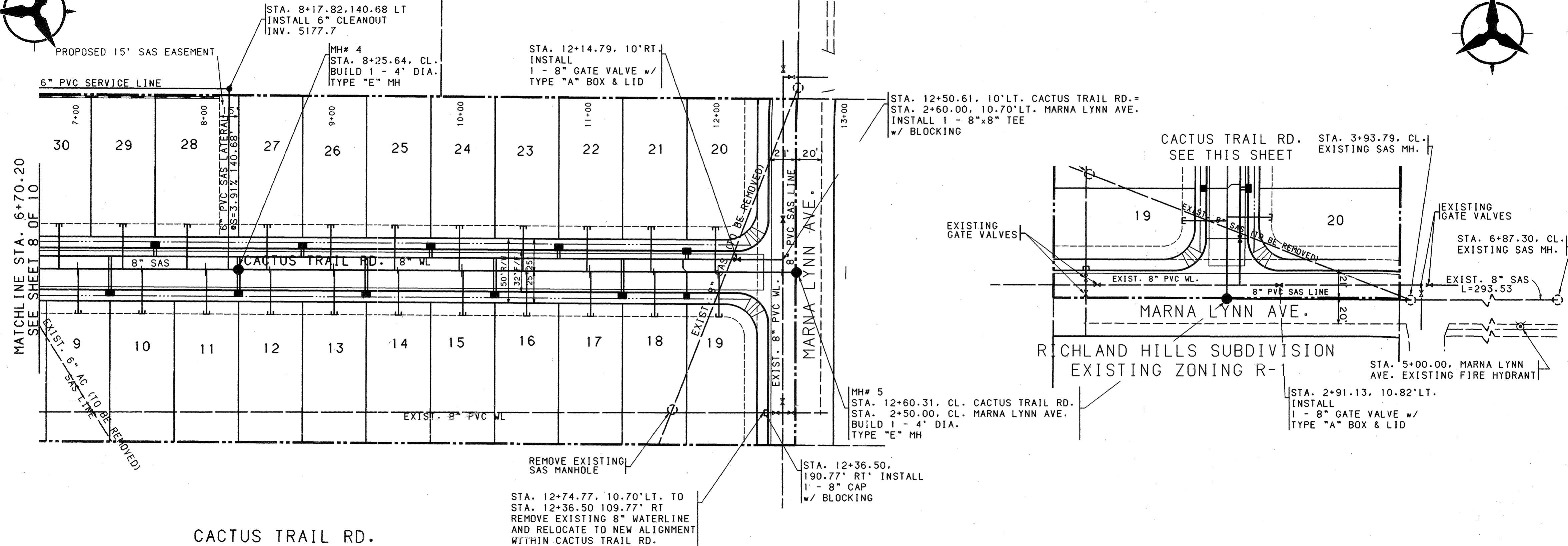
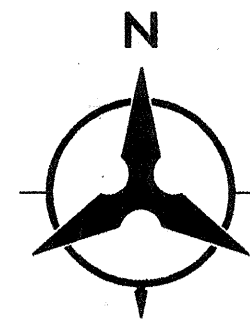
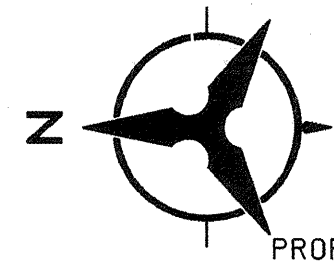
CACTUS TRAIL SUBDIVISION
UTILITY PLAN & PROFILE
CACTUS TRAIL RD. STA 0+46.17 - 6+70.20

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	<i>[Signature]</i>	11-22-94	WATER	<i>[Signature]</i>	11-21-94
TRANSPORTATION	<i>[Signature]</i>	11-02-94	WASTE WATER	<i>[Signature]</i>	11-02-94
HYDROLOGY	<i>[Signature]</i>	11-18-94	N.W.U.I.	<i>[Signature]</i>	11-18-94

DRAWING NO. 5072.90

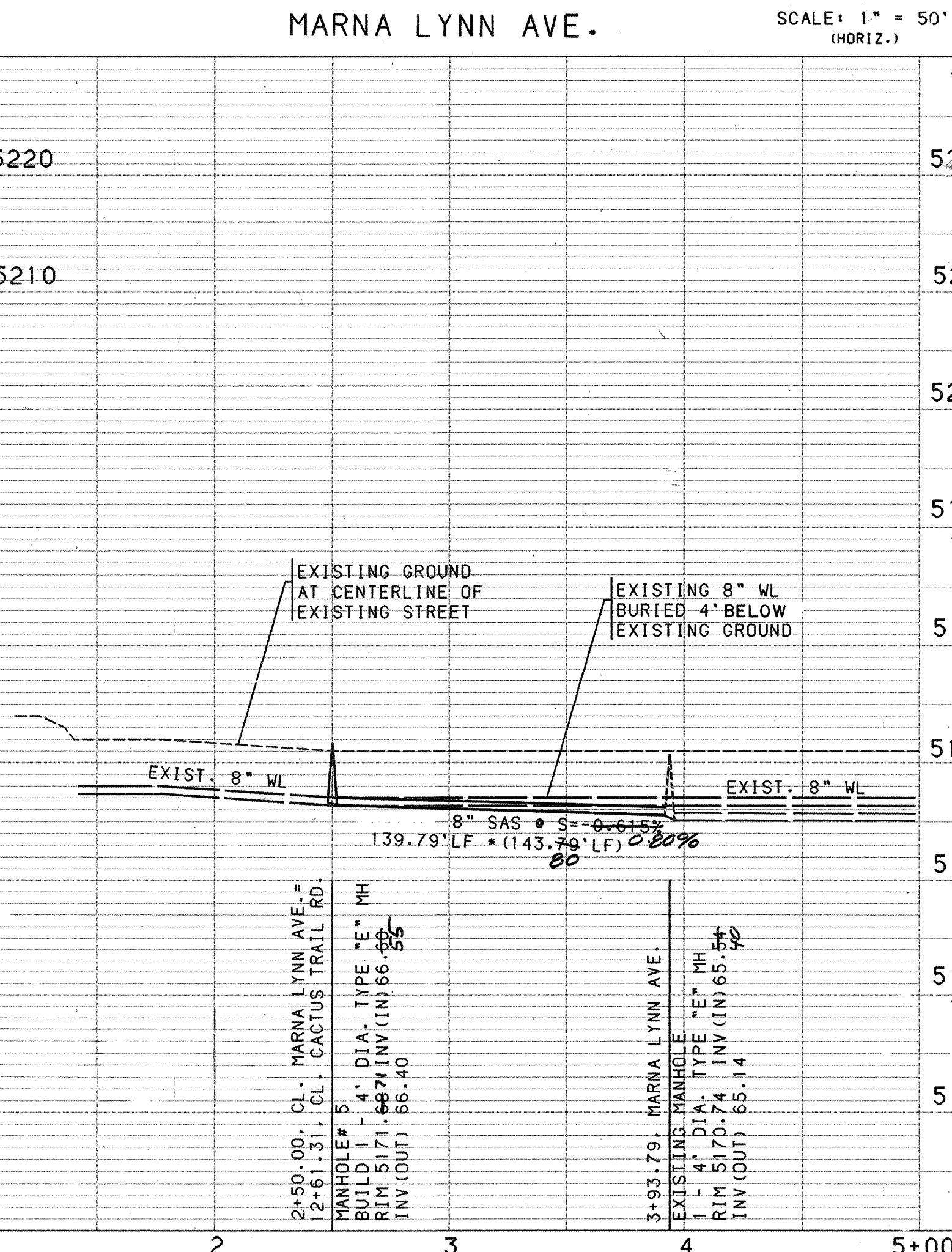
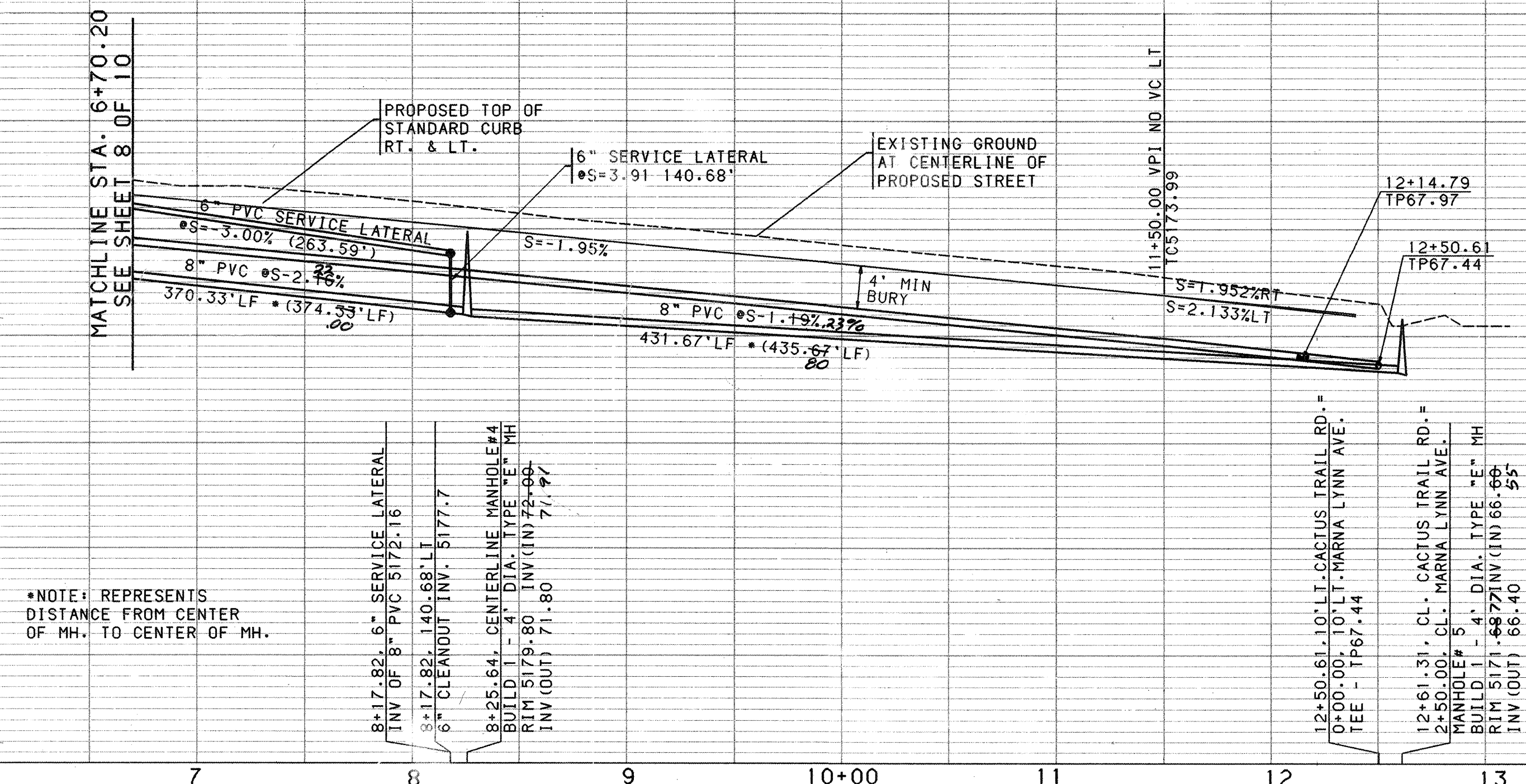
MAP NO. C-12

SHEET 8 OF 9



WATER & SANITARY SEWER SERVICES				
LOT NUMBER	STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	TOP OF PIPE AT PLUG
9	7+25.60, 10' RT.	DOUBLE	7+00.81, CENTERLINE	70.66
10	8+25.61, 10' RT.	DOUBLE	7+50.67, CENTERLINE	70.68
11	9+25.61, 10' RT.	DOUBLE	8+00.81, CENTERLINE	70.74
12	10+25.61, 10' RT.	DOUBLE	8+50.81, CENTERLINE	70.85
13	11+25.61, 10' RT.	DOUBLE	9+00.68, CENTERLINE	70.95
14	12+25.61, 10' RT.	DOUBLE	9+50.81, CENTERLINE	71.06
15	13+25.61, 10' RT.	DOUBLE	10+00.81, CENTERLINE	71.17
16	14+25.61, 10' RT.	DOUBLE	10+50.68, CENTERLINE	71.17
17	15+25.61, 10' RT.	DOUBLE	11+00.81, CENTERLINE	71.28
18	16+25.61, 10' RT.	DOUBLE	11+50.81, CENTERLINE	71.38
19	17+25.61, 10' RT.	DOUBLE	12+00.81, CENTERLINE	71.49

WATER & SANITARY SEWER SERVICES				
LOT NUMBER	STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	TOP OF PIPE AT PLUG
20	11+75.61, 10' LT.	DOUBLE	11+97.81, CENTERLINE	70.72
21	12+75.61, 10' LT.	DOUBLE	11+47.81, CENTERLINE	70.82
22	13+75.61, 10' LT.	DOUBLE	10+97.81, CENTERLINE	70.91
23	14+75.61, 10' LT.	DOUBLE	10+47.68, CENTERLINE	71.01
24	15+75.61, 10' LT.	DOUBLE	9+97.81, CENTERLINE	71.10
25	16+75.61, 10' LT.	DOUBLE	9+47.81, CENTERLINE	71.20
26	17+75.61, 10' LT.	DOUBLE	8+97.68, CENTERLINE	71.29
27	18+75.61, 10' LT.	DOUBLE	8+47.81, CENTERLINE	71.39
28	19+75.61, 10' LT.	DOUBLE	7+85.48, CENTERLINE	71.48
29	20+75.61, 10' LT.	DOUBLE	7+35.48, CENTERLINE	71.57
30	SEE SHEET 8 OF 9	---	6+85.48, CENTERLINE	71.66



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AS-BUILT INFORMATION		BENCH MARKS		CONTRACTOR	
CONTRACTOR	STATION IS A 1/4" ALUMINUM DISK	STAMPED "AS BUILT"	2-C12", SET ON TOP OF	INSPECTED BY	DATE
DATE	LOCATED AT THE INTERSECTION OF PARADISE	DATE	HILLS BLVD. AND DAVENPORT ST. N.W. IN	DATE	DATE
DATE	THE N.W. QUADRANT OF THE INTERSECTION	DATE	ELEVATION = 5175.786	DATE	DATE

ENGINEER'S SEAL		SURVEY INFORMATION	
NO.	BY	DATE	DATE
NO.	BY	DATE	DATE

REVISIONS		DESIGN	
NO.	DATE	REMARKS	DATE
NO.	DATE	REMARKS	DATE

DESIGNED BY	DATE	10/94
DRAWN BY	DATE	10/94
CHECKED BY	DATE	10/94

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

CACTUS TRAIL SUBDIVISION
UTILITY PLAN & PROFILE
CACTUS TRAIL RD. STA 6+70.20 - 12+85.84

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	DATE	11-22-94	WATER	DATE	11-22-94
TRANSPORTATION	DATE	11-22-94	WASTE WATER	DATE	11-22-94
HYDROLOGY	DATE	11-22-94	N.M.U.I.	DATE	11-22-94

DRAWING NO. 5072.90 MAP NO. C-12 SHEET 9 OF 9