

SCANNED BY
PLANNING

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26-7762-81-071

CONSTRUCTION PLANS FOR MARNA LYNN TOWNHOMES SUBDIVISION ALBUQUERQUE, NEW MEXICO

INDEX

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RECORD DRAWINGS

I, Gilbert Aldaz of the firm of Applied Engineering & Surveying, Inc., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer, that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This certification is based on site inspections by me or personnel under my direction.



THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

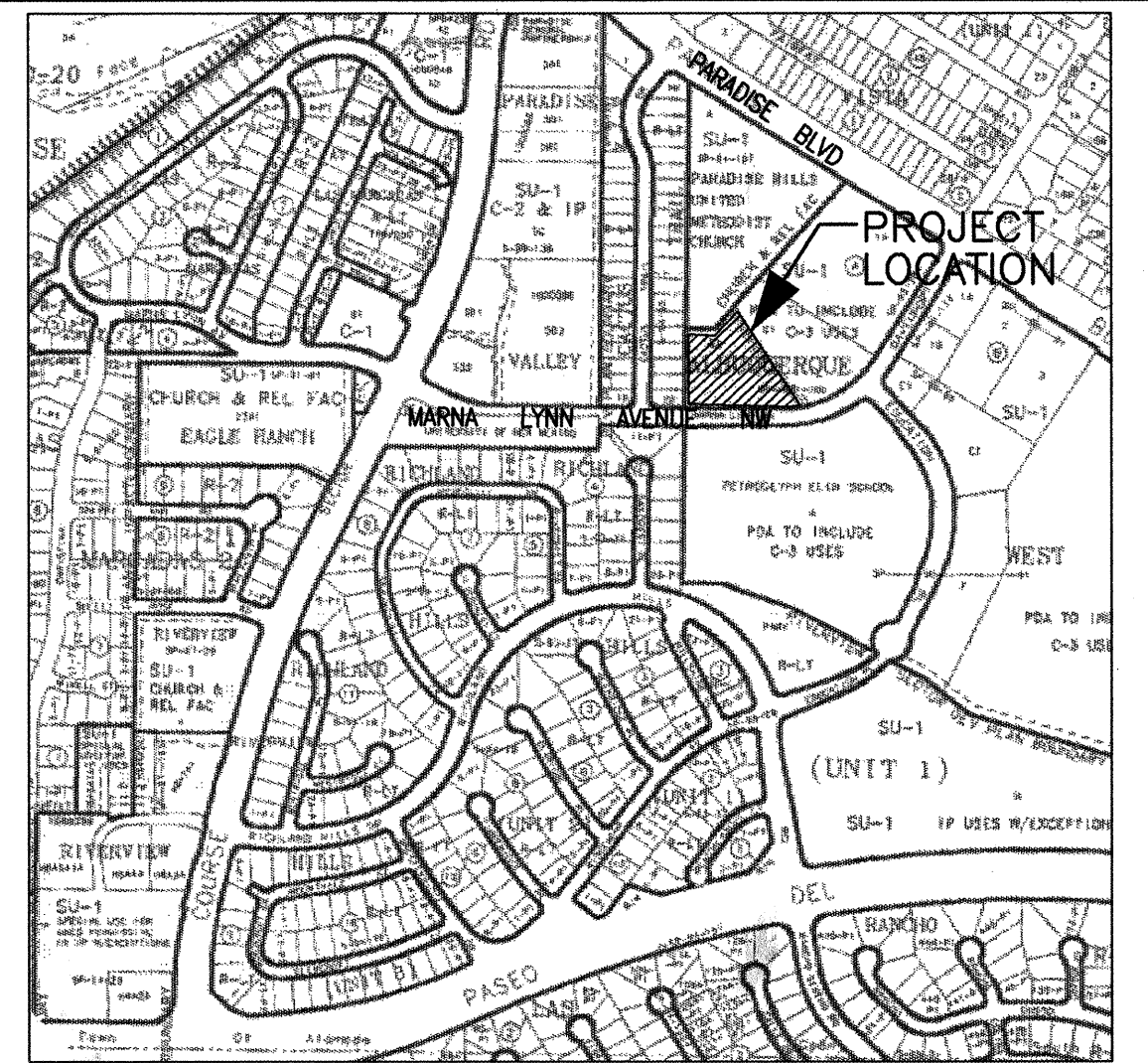
- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☐ SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER 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 DAMAGE AFTER APPROVAL BY THE CITY ENGINEER OR WORK COMPLETED BY THE CONTRACTOR.

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
James L. Bingham
DATE: 2-22-07

APPLIED Engineering & Surveying, Inc.
1605 BLAIR DRIVE NE
ALBUQUERQUE, NEW MEXICO 87112
PHONE (505)237-1456

DRB - 1004530



VICINITY MAP (C-12)



GENERAL NOTES 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 AS REVISED THROUGH UPDATE #7.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) AND DETERMINE LOCATION OF EXISTING UTILITIES.
- PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTION. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.
- ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC. WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.
- THE 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 CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE STANDARD SPECIFICATIONS.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- NEW MEXICO UTILITIES, INC. WILL BE NOTIFIED BY THE CONTRACTOR SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER FACILITIES.
- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART P.
- ALL UTILITY WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH NEW MEXICO UTILITIES, INC. SPECIFICATIONS FOR WATER AND WASTEWATER FACILITIES (MOST RECENT REVISIONS). THE CONTRACTOR SHALL NOTIFY NEW MEXICO UTILITIES (898-2661) THREE (3) WORKING DAYS PRIOR TO BEGINNING THE CONSTRUCTION OF THE UTILITIES.

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC Chairman	<u>James L. Bingham</u>	4-20-06	APPROVED FOR CONSTRUCTION		
		Transportation	<u>James L. Bingham</u>	2/20/06			
		Water/Wastewater	<u>James L. Bingham</u>	2/13/06			
		Hydrology	<u>Bradley L. Bingham</u>	2/17/06			
		Parks	<u>Bradley L. Bingham</u>	4/25/06			
CITY PROJECT No.		776281		Sheet		Of	
				1		5	

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N.T.S.

ZONE MAP
C-12-Z

Vicinity Map

SUBDIVISION DATA / NOTES

1. PLAT WAS COMPILED USING EXISTING RECORD DATA & ACTUAL FIELD SURVEY.
2. BEARINGS ARE NEW MEXICO STATE PLANE GRID BEARINGS, CENTRAL ZONE, NAD 1927, AND ARE BASED ON ACS CONTROL MONUMENT 3-812 AND 3-C11, AS SHOWN HEREON.
3. DISTANCES ARE GROUND DISTANCES.
4. PLAT SHOWS ALL EASEMENTS OF RECORD.
5. BEARINGS AND DISTANCES IN PARENTHESES () PER THE PLAT OF ALBUQUERQUE WEST, UNIT 1, FILED IN BERNALILLO COUNTY, NEW MEXICO ON APRIL 19, 1996 IN VOLUME 98C, FOLIO 167.
6. GROSS AREA: 1.7182 ACRES
7. NUMBER OF EXISTING TRACTS: 1
8. NUMBER OF LOTS CREATED: 13
9. PROPERTY IS ZONED SU-1 FOR PDX INCL. C-3 USES.
10. CENTERLINE VALUE OF RIGHT-OF-WAY MONUMENTATION TO BE INSTALLED AT ALL CENTERLINE P.C.S. PTS. ANGLE POINTS AND STREET INTERSECTIONS PRIOR TO ACCEPTANCE OF SUBDIVISION STREET IMPROVEMENTS AND WILL CONSIST OF A STANDARD FOUR-INCH (4") ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENTATION", "SURVEY MARKER", "DO NOT DISTURB", "15.0 #6669".
11. CITY OF ALBUQUERQUE WATER AND SANITARY SEWER SERVICE TO MARNA LYNN AVENUE TOWNHOUSES MUST BE VERIFIED AND COORDINATED WITH THE PUBLIC WORKS DEPARTMENT, CITY OF ALBUQUERQUE.

THIS IS TO CERTIFY THAT TAXES ARE CURRENT & PAID ON
PROPERTY OWNER OF RECORD:
BERNALILLO COUNTY TREASURER'S OFFICE:

LEGAL DESCRIPTION
TRACT LETTERED C-12, OF ALBUQUERQUE WEST, UNIT 1, 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 APRIL 19, 1996 IN VOLUME 98C, FOLIO 167.

FREE CONSENT

THE UNDERSIGNED OWNERS (AND PROPRIETORS) OF THE PROPERTY DESCRIBED HEREON DO HEREBY CONSENT TO THE PLATING OF SAID PROPERTY AS SHOWN HEREON AND THE SAME IS WITH THE FREE CONSENT OF ALL OWNERS AND PROPRIETORS OF SAID PROPERTY, AND THE SAME IS NOT SUBJECT TO ANY OTHER EASEMENTS OR INTERESTS AS SHOWN AND DO HEREBY DEDICATE STREET RIGHT-OF-WAY TO THE CITY OF ALBUQUERQUE IN FEE SIMPLE WITH WARRANTY COVENANTS.

OWNERS SIGNATURE: _____ DATE: _____
ACKNOWLEDGMENT: _____ TRACT: _____
STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS
THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS _____ DAY OF _____, 2008.
BY: _____
MY COMMISSION EXPIRES: _____ NOTARY PUBLIC

PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS SHOWN ON THIS PLAT ARE GRANTED FOR THE COMMON AND JOINT USE OF:
1. THE PUBLIC SERVICE COMPANY OF NEW MEXICO ELECTRIC SERVICES FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF OVERHEAD AND UNDERGROUND ELECTRICAL LINES, TRANSFORMERS, POLES AND ANY OTHER EQUIPMENT, FITTINGS, STRUCTURES AND RELATED FACILITIES REASONABLY NECESSARY TO PROVIDE ELECTRICAL SERVICE.

2. THE PUBLIC SERVICE COMPANY OF NEW MEXICO GAS SERVICES FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF OVERHEAD AND UNDERGROUND GAS LINES, VALVES AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE NATURAL GAS SERVICES.

3. QUEST FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF ALL BURIED AND AERIAL COMMUNICATION LINES, VALVES AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE COMMUNICATION SERVICES, INCLUDING BUT NOT LIMITED TO ABOVE GROUND PEDESTALS AND CLOSURES.

4. COMCAST CABLE FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF SUCH LINES, CABLE AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE CABLE TV SERVICE.

INCLUDED IS THE RIGHT TO BUILD, REBUILD, RECONSTRUCT, LOCATE, RELOCATE, CHANGE, REMOVE, MODIFY, RENEW, OPERATE, AND MAINTAIN FACILITIES FOR THE PURPOSES DESCRIBED ABOVE, SO LONG AS THEY DO NOT INTERFERE WITH THE USE OF THE PROPERTY FOR THE PURPOSES SET FORTH HEREIN. NO BUILDING, SIGN, POOL, OR BUSHES WHICH INTERFERE WITH THE PURPOSES SET FORTH HEREIN. NO BUILDING, SIGN, POOL, (ABOVEGROUND OR SUBSURFACE), HOT TUB, CONCRETE OR WOOD POOL, DECKING, OR OTHER STRUCTURE THEREON. PROPERTY OWNERS SHALL BE SOLELY RESPONSIBLE FOR CORRECTING ANY VIOLATIONS OF NATIONAL ELECTRIC SAFETY CODE CAUSED BY CONSTRUCTION OF POOLS, DECKING, OR ANY STRUCTURES ADJACENT TO, WITHIN, OR NEAR EASEMENTS SHOWN ON THIS PLAT.

PNM ELECTRIC AND GAS SERVICES EASEMENT RELEASE, APPROVAL

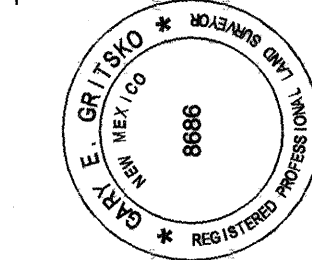
PNM Electric and Gas Services does hereby release, waive, quitclaim and discharge its right, interest and claims in the easements (granted by prior plat, report or document) shown to us, located on this plat.

PNM ELECTRIC AND GAS SERVICES

STATE OF NEW MEXICO
COUNTY OF BERNALILLO SS

The foregoing instrument was acknowledged before me this _____ day of _____, 2008.

Notary Public: _____ My commission expires: _____



Gary E. Gribble
New Mexico Professional Surveyor, 8886

SURVEYS SOUTHWEST LTD.

333 LOMAS BLVD., N.E.
ALBUQUERQUE, NEW MEXICO
87102
PHONE: (505) 998-0303
FAX: (505) 998-0306

TI1N R2E SEC. 13

PLAT OF

LAS MIRADAS TOWNHOUSES

PROJECTED SECTION 13, T. 11 N., R. 2 E., N.M.P.M.,

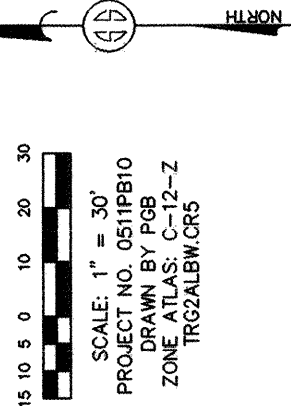
TOWN OF ALAMEDA GRANT

CITY OF ALBUQUERQUE

BERNALILLO COUNTY, NEW MEXICO

NOVEMBER 2005

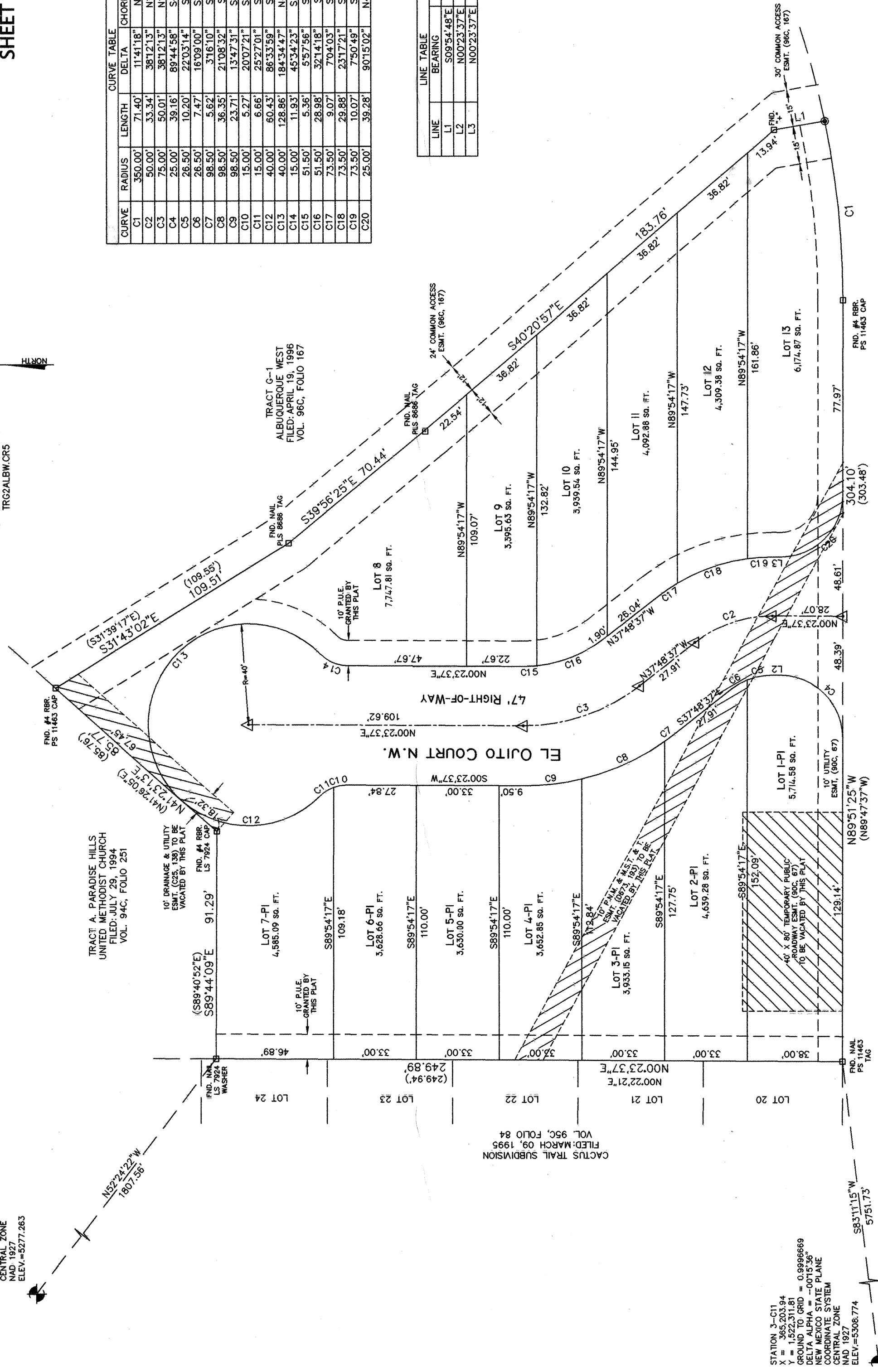
SHEET 2 OF 2



STATION 1+00.00
Z = 1000.00
DELTA = 152.54587
DELTA ALPHA = -0.986671
DELTA BETA = -0.071256
COORDINATE SYSTEM
NAD 1927
ELEV = 5277.263

CURVE	RADIUS	LENGTH	DELTA	CHORD	BEARING	CHORD LENGTH
C1	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C2	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C3	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C4	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C5	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C6	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C7	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C8	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C9	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C10	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C11	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C12	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C13	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C14	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C15	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C16	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C17	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C18	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C19	75.00'	50.01'	381.21°	N182.42°30'W		32.21'
C20	75.00'	50.01'	381.21°	N182.42°30'W		32.21'

LINE	BEARING	LENGTH
L1	S09°54.48'E	20.53'
L2	N00°23.37'E	3.28'
L3	N00°23.37'E	2.85'



MARNA LYNN AVENUE N.W.
60' Right-of-Way

MONUMENT LEGEND
△ - CENTERLINE MONUMENT
□ - FOUND CONTROL STATION AS NOTED
◇ - FOUND MONUMENT AS NOTED
● - SET 1/2" REBAR W/YELLOW PLASTIC CAP STAMPED "CITY OF ALBUQUERQUE" UNLESS OTHERWISE NOTED

SURVEYS SOUTHWEST LTD.

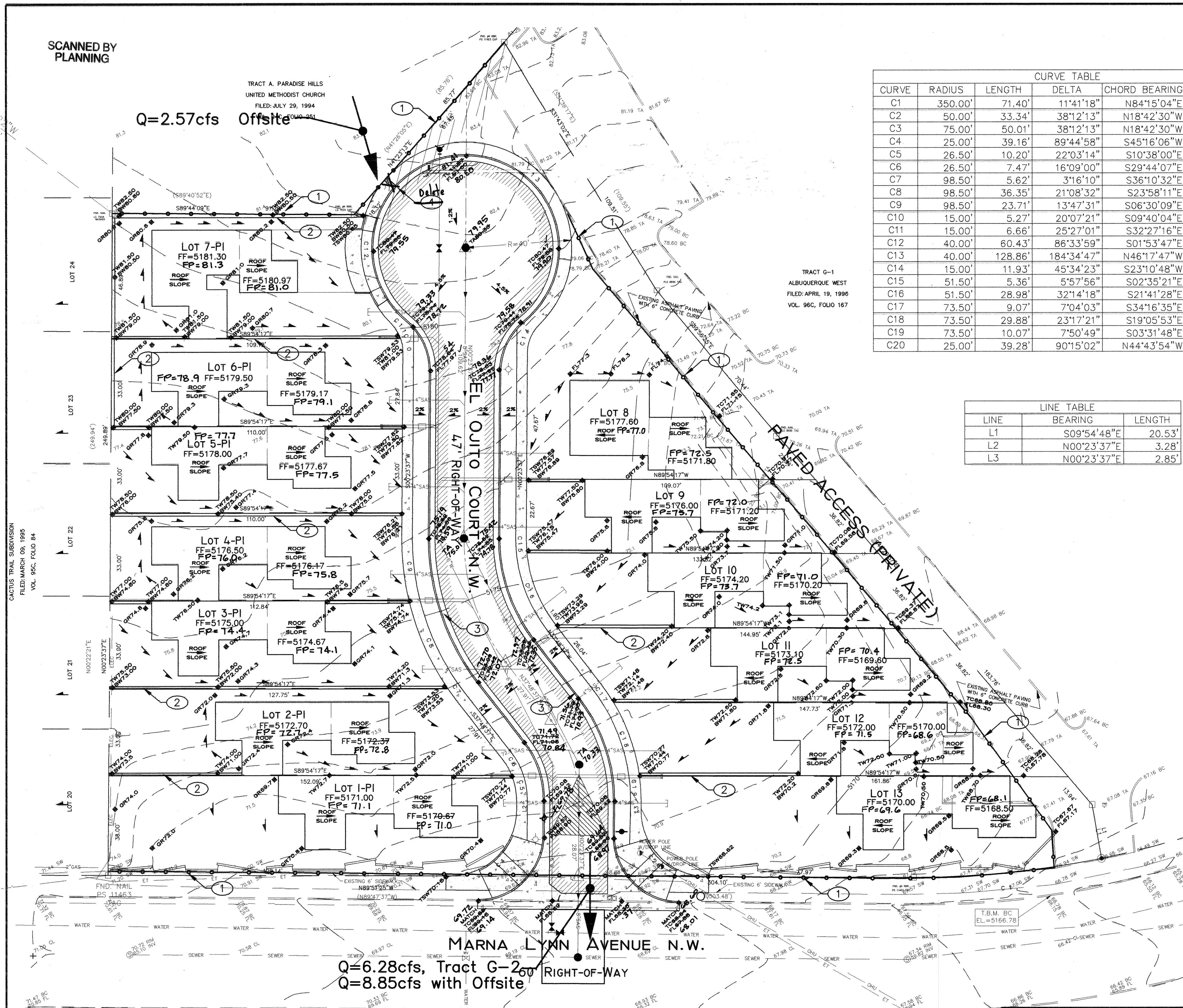
333 LOMAS BLVD., N.E.
ALBUQUERQUE, NEW MEXICO
87102
PHONE: (505) 998-0303
FAX: (505) 998-0306

TI1N R2E SEC. 13

TITLE: MARNA LYNN SUBDIVISION
SURVEY PLAT MAPS

City Project No. 776281 Zone Map No. C-12 Sheet 2 Of 5

SCANNED BY
PLANNING



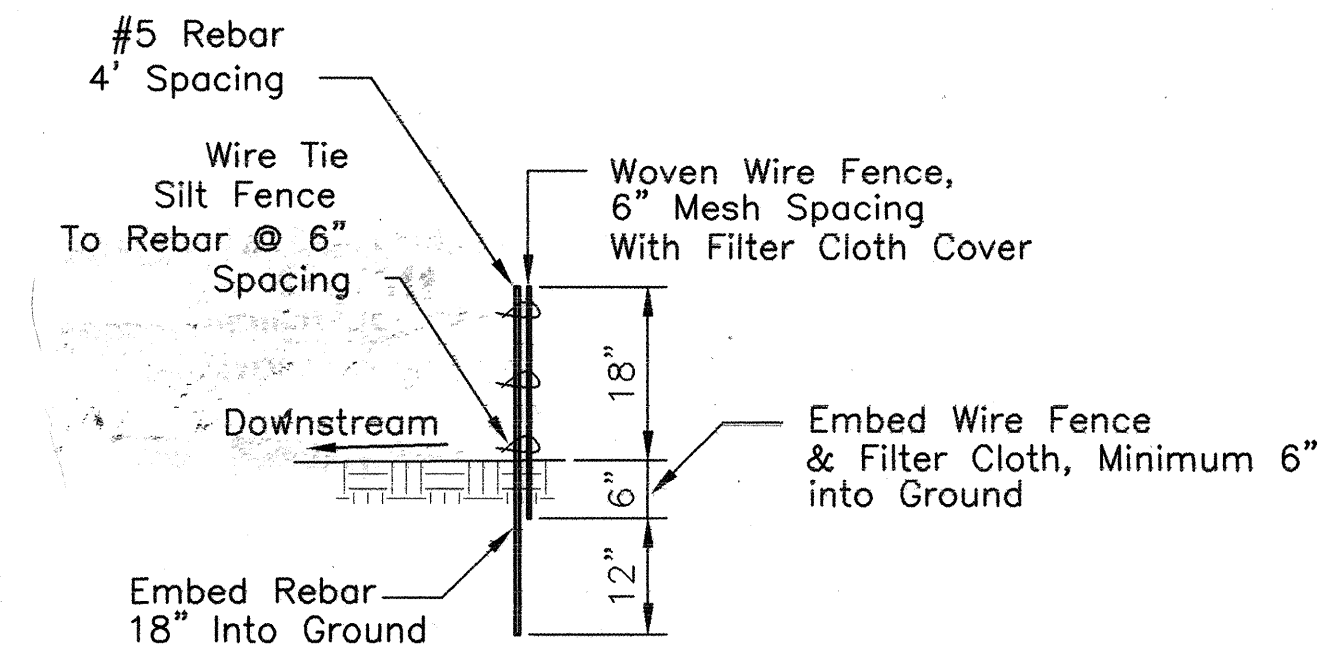
CURVE TABLE				
CURVE	RADIUS	LENGTH	DELTA	CHORD BEARING
C1	350.00'	71.40'	11°41'18"	N84°15'04"E
C2	50.00'	33.34'	38°12'13"	N18°42'30"W
C3	75.00'	50.01'	38°12'13"	N18°42'30"W
C4	25.00'	39.16'	89°44'58"	S45°16'06"W
C5	26.50'	10.20'	22°03'14"	S10°38'00"E
C6	26.50'	7.47'	16°09'00"	S29°44'07"E
C7	98.50'	5.62'	3°16'10"	S36°10'32"E
C8	98.50'	36.35'	21°08'32"	S23°58'11"E
C9	98.50'	23.71'	13°47'31"	S06°30'09"E
C10	15.00'	5.27'	20°07'21"	S09°40'04"E
C11	15.00'	6.66'	25°27'01"	S32°27'16"E
C12	40.00'	60.43'	86°33'59"	S01°53'47"E
C13	40.00'	128.86'	184°34'47"	N46°17'47"W
C14	15.00'	11.93'	45°34'23"	S23°10'48"W
C15	51.50'	5.36'	5°57'56"	S02°35'21"E
C16	51.50'	28.98'	32°14'18"	S21°41'28"E
C17	73.50'	9.07'	7°04'03"	S34°16'35"E
C18	73.50'	29.88'	23°17'21"	S19°05'53"E
C19	73.50'	10.07'	7°50'49"	S03°31'48"E
C20	25.00'	39.28'	90°15'02"	N44°43'54"W

LINE TABLE		
LINE	BEARING	LENGTH
L1	S09°54'48"E	20.53'
L2	N00°23'37"E	3.28'
L3	N00°23'37"E	2.85'

LOTS 1 THROUGH 13 MARNA LYNN AVENUE TOWNHOMES

CONSTRUCTION NOTES:

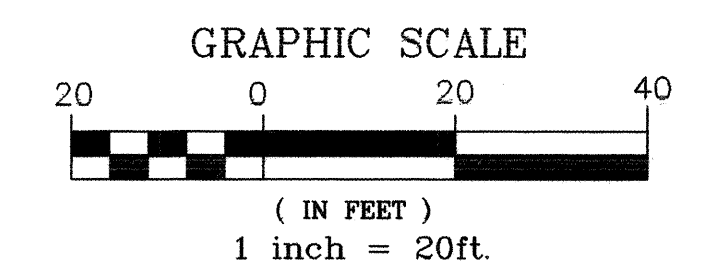
- PROVIDE SILT FENCE PER DETAIL SHOWN ON THIS SHEET ALONG PERIMETER OF ENTIRE CONSTRUCTION SITE. CONTRACTOR SHALL MAINTAIN SILT FENCE THROUGHOUT CONSTRUCTION UNTIL SUCH TIME THAT FINAL INSPECTION PERFORMED BY CITY OF ALBUQUERQUE OR PERMANENT STABILIZATION HAS BEEN ESTABLISHED.
- CONSTRUCT RETAINING WALL PER GRADES SHOWN.
- CONSTRUCT STANDARD CURB AND GUTTER PER CITY STD. DWG. 2415A.
- CONSTRUCT 18" WIDE SIDEWALK CULVERT PER CITY STD. DWG. 2236



SILT FENCE DETAIL

SCALE: 1/2" = 1'-0"

UTILITY PRECAUTIONS
THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.



APPLIED ENGINEERING AND
SURVEYING, INC.
ENGINEERS AND PLANNERS
1600 Red Drive NE
Albuquerque, New Mexico 87112
Office: (505) 237-1444

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **GRADING AND DRAINAGE PLAN
MARNA LYNN AVENUE TOWNHOMES**

Design Review Committee City Engineer Approval

For Information
Only

City Project No.

776281

Zone Map No.

C-12

Sheet

3

Of

5

LEGEND

 5360	NEW CONTOUR GRADE		NEW GRADE BREAK
 5362	EXISTING CONTOUR GRADE		EXISTING GRADE ELEVATION
	DRAINAGE FLOW DIRECTION	 GR56.0	NEW GRADE ELEVATION
 TC62.50	NEW TOP OF CURB ELEVATION	 FL55.3	FLOWLINE GRADE ELEVATION
 FL62.00	NEW FLOWLINE OF CURB ELEVATION	 TW95.1	NEW TOP OF WALL ELEVATION
 TA60.11	NEW TOP OF ASPHALT ELEVATION	 BW93.1	NEW BOTTOM OF WALL ELEVATION
 TSW61.87	NEW TOP OF SIDEWALK ELEVATION	 TOC93.1	NEW TOP OF CONCRETE ELEVATION
	DRAINAGE SWALE	 FP	AS-BUILT PADE L

GRADING PLAN

SCALE: 1" = 20'

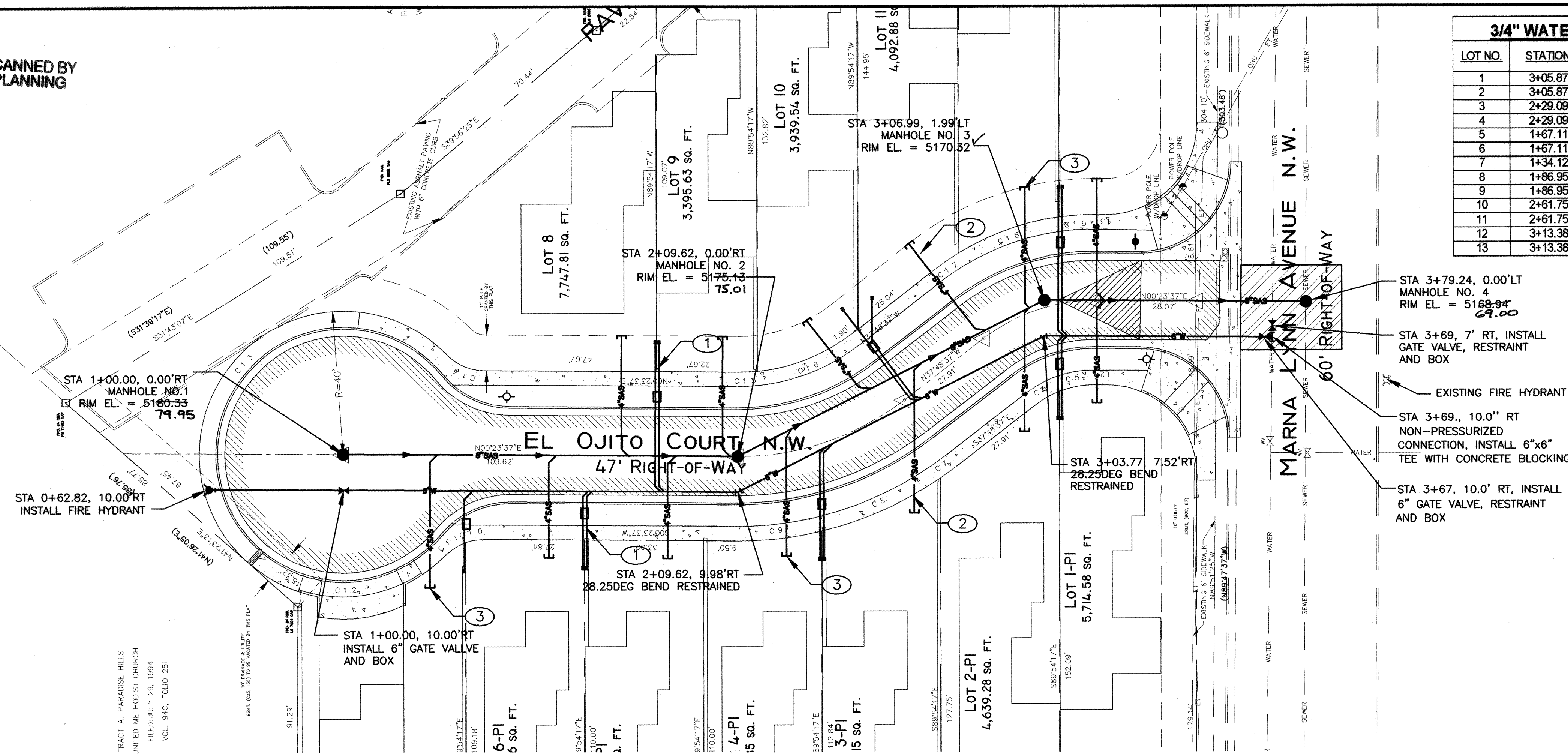
DRAINAGE CERTIFICATION

As indicated by the as-built information shown hereon, Marna Lynn Avenue Townhomes Subdivision Grading and Drainage plan has been constructed in substantial compliance with the approved Grading and Drainage Plan. This Certification is presented in fulfillment of drainage requirements requested by the City of Albuquerque. The information shown hereon has been obtained by me or under my direct supervision and is true and correct to the best of my knowledge and belief.

Gilbert Aldaz, NMPE 10848

09-01-06
Date

SCANNED BY
PLANNING



SAS & WATER PLAN - EL OJITO COURT NW

SCALE: 1" = 20'

3/4" WATER METER SERVICES		
LOT NO.	STATION	OFFSET TO CENTER OF METER BOX
1	3+05.87	16.5' FROM CENTERLINE
2	3+05.87	16.5' FROM CENTERLINE
3	2+28.09	16.5' FROM CENTERLINE
4	2+28.09	16.5' FROM CENTERLINE
5	1+67.11	16.5' FROM CENTERLINE
6	1+67.11	16.5' FROM CENTERLINE
7	1+34.12	16.5' FROM CENTERLINE
8	1+86.95	16.5' FROM CENTERLINE
9	1+86.95	16.5' FROM CENTERLINE
10	2+61.75	16.5' FROM CENTERLINE
11	2+61.75	16.5' FROM CENTERLINE
12	3+13.38	16.5' FROM CENTERLINE
13	3+13.38	16.5' FROM CENTERLINE

4" SANITARY SEWER SERVICES				
LOT NO.	STATION	OFFSET	LENGTH OF SERVICE TO STUB FROM MAIN	INVERT AT STUB
1	3+21.35	28.47 RT	28.34	65.74
2	2+80.42	27.42 RT	33.73	65.55
3	2+46.55	27.91 RT	40.61	65.29
4	2+19.55	28.48 RT	34.45	70.17
5	1+90.25	28.48 RT	28.44	71.55
6	1+57.27	28.48 RT	28.44	73.1
7	1+24.32	35.82 RT	36.67	74.8
8	1+77.14	33.50 LT	33.50	72.25
9	2+05.23	33.50 LT	33.50	70.95
10	2+45.11	33.50 LT	25.55	68.77
11	2+87.14	33.50 LT	31.85	67.19
12	3+08.87	33.50 LT	33.89	65.55
13	3+21.03	33.50 LT	33.50	65.84

MECHANICAL RESTRAINT NOTES:

TEES - PVC PIPE			
Branch Size 6"			
Nom. Pipe Size	L ₁ =5'	L ₁ =10'	L ₁ =15'
6"	43'	21'	FJO

FJO: RESTRAINT REQUIRED AT FITTING JOINT ONLY
L₁ = LENGTH OF PIPE ALONG THE RUN THAT IS FREE OF JOINTS.

HORIZONTAL BENDS - PVC PIPE			
Bend Angle			
Nom. Pipe Size	11 deg	22.5 deg	45 deg
6"	3'	5'	11'

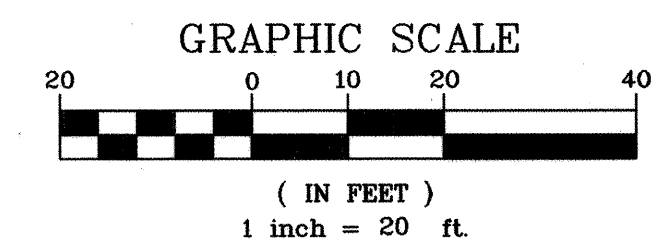
DEAD ENDS GATE VALVES OR END CAPS PVC PIPE	
Nom. Pipe Size	Restrained Length L
4"	46'
6"	65'

APPROVED
HYDRANT(S) ONLY
SIGNATURE & DATE

CONSTRUCTION NOTES:

- INSTALL 3/4" WATER METER SERVICES.
- INSTALL 4" SANITARY SEWER SERVICE LINE.
- ELECTRONIC MARKER DISKS (EMD'S) SHALL BE INSTALLED ON WATERLINE AND SEWERLINE APPURTENANCES.

RECORD DRAWINGS



APPLIED ENGINEERING AND SURVEYING, INC.
ENGINEERS AND PLANNERS
602 Star Drive NE
Albuquerque, New Mexico 87112
Phone: (505) 237-1455

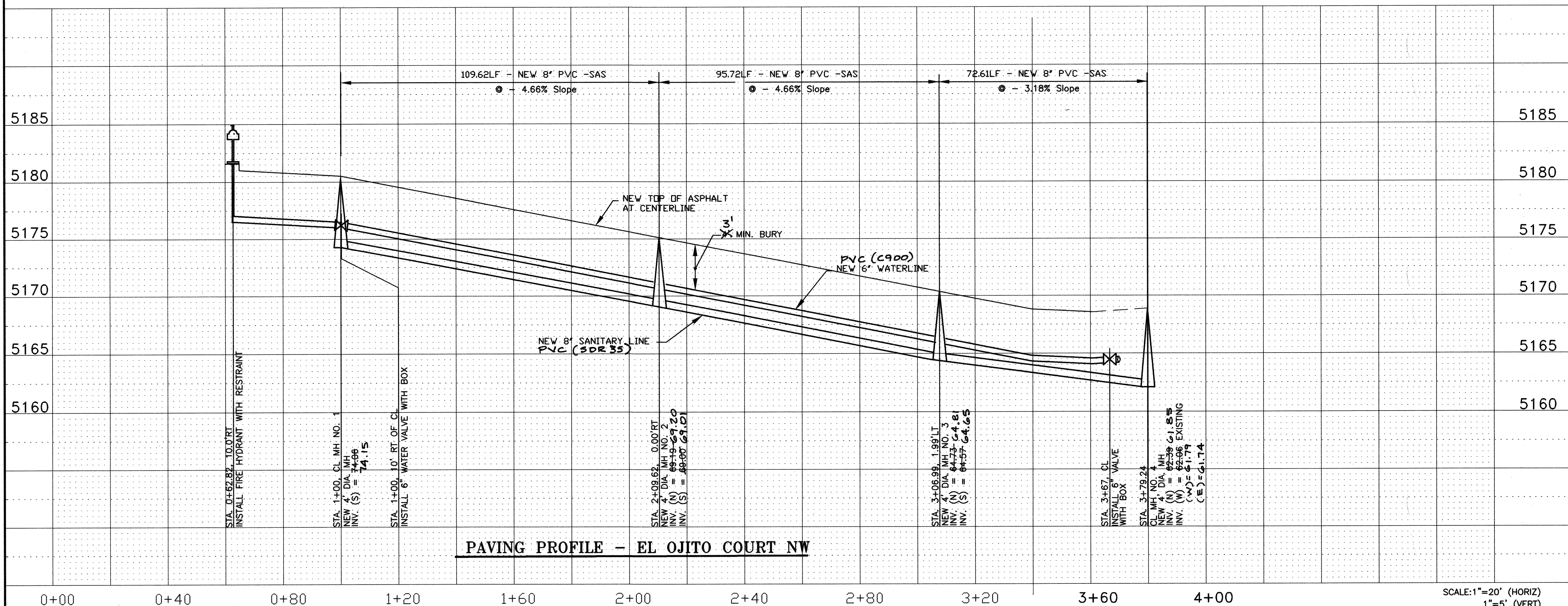
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **MARNA LYNN SUBDIVISION
WATER AND SEWER, EL OJITO COURT NW**

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APR 20 2006	APR 25 2006		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		

City Project No. 776281 Zone Map No. C-12 Sheet 4 Of 5

PAVING PROFILE - EL OJITO COURT NW



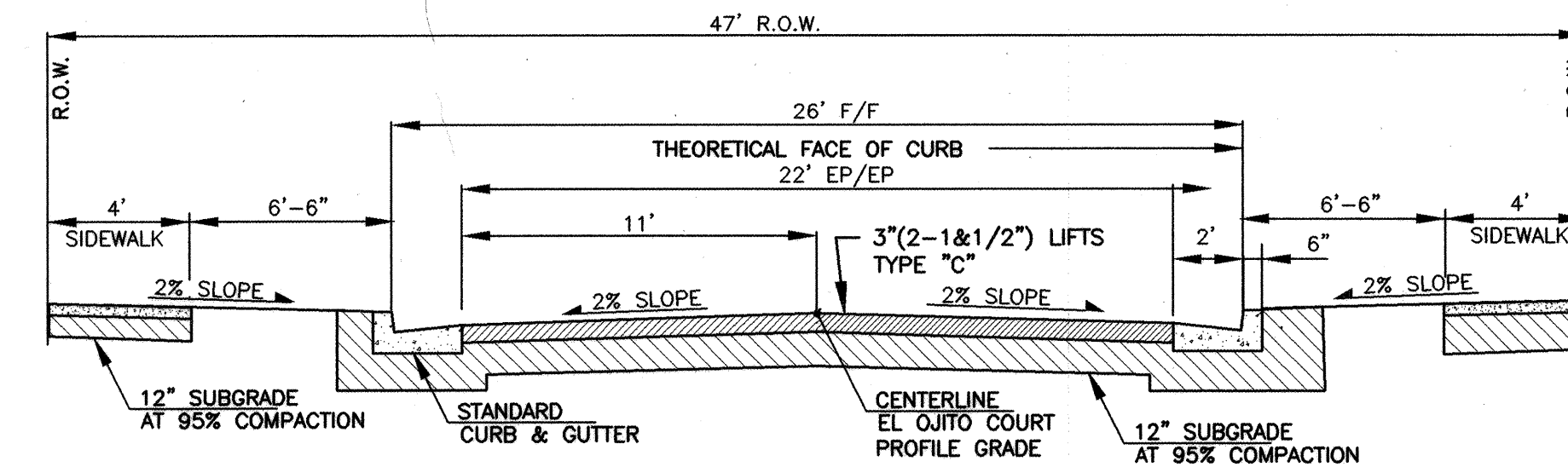
SCALE: 1" = 20' (HORIZ)
1" = 5' (VERT)

NUMBER	RADIUS	DELTA	ARC	TAN
1	25.00'	50°42'14"	22.12'	11.85'
2	25.00'	90°00'02"	39.27'	25.00'
③	35.00'	281°36'41"	172.03'	

QUARTER POINT ELEV.		
	<u>TC</u>	<u>FL</u>
1	5168.88	5168.21
2	5169.01	5168.34
3	5169.29	5168.62

R-VALUE SUBGRADE NOTE:

R VALUE IN ROADWAY FOR SUBGRADE MATERIAL MUST BE GREATER THAT 50, IF NOT THE CONTRACTOR SHALL REMOVE UNSUITABLE SUBGRADE MATERIAL AND IMPORT SUITABLE FILL MATERIAL TO A DEPTH OF 24" AND TO EXCEED AN R VALUE OF 50.

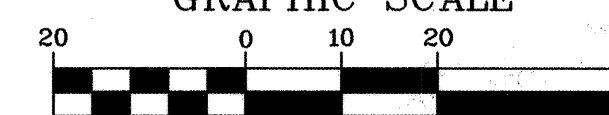


TYPICAL RESIDENTIAL STREET PAVING
SECTION PER C.O.A. DWG. 2405A,
FLEXIBLE PAVEMENT SECTION

SCALE: 1" = 5'

CONSTRUCTION NOTES:

- ① CONSTRUCT STANDARD CURB & GUTTER PER COA STD. DWG. 2415A.
- ② CONSTRUCT 6' WIDE CONCRETE VALLEY GUTTER PER COA STD. DWG. 2420.
- ③ CONSTRUCT (WHEELCHAIR) CURB ACCESS RAMP, CASE II PER COA STD. DWG. 2441 WITH TRUNCATED DOMES AT LANDING.
- ④ CONSTRUCT 4' WIDE SIDEWALK PER SIDEWALK DETAILS PER COA STD. DWG. 2430 (DEFERRED)
- ⑤ REMOVE EXISTING CURB AND GUTTER FROM STA 3+58.21, 38.01'RT TO STA 3+58.33, 38.21'LT
- ⑥ REMOVE EXISTING 6' WIDE SIDEWALK FROM STA 3+54.35, 49.97'RT TO STA 3+54.58, 49.20'LT
- ⑦ INSTALL W14-2 SIGN WITH POST (NO OUTLET) AT STA 3+31.83, 16.22'LT
- ⑧ INSTALL STREET LIGHT AND POLE AT STA 1+45.36, 16.0'LT TO CENTER OF FOUNDATION PER CITY STD. DWG. 2580 AND 2581.
- ⑨ INSTALL STREET LIGHT AND POLE AT STA 3+35.09, 16.0'RT TO CENTER OF FOUNDATION PER CITY STD. DWG. 2580 AND 2581.
- ⑩ ~~INSTALL 18" WIDE SIDEWALK CULVERT AT STA 0+77.35, 26.62'RT PER CITY STD. DWG. 2236.~~ **NOT USED**
- ⑪ APPROXIMATE LIMITS OF ASPHALT REMOVAL AND REPLACEMENT LIMITS, RECONSTRUCT PER COA STD. DWG. 2465, USE TYPE "C" GRAPHIC SCALE.



(IN FEET)
1 inch = 20 ft.

**APPLIED ENGINEERING AND
SURVEYING, INC.**
ENGINEERS AND PLANNERS

1605 Blair Drive NE
Office: (505) 237-1456

Albuquerque, New Mexico 87112
Facsimile: (505) 237-1456

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: MARNA LYNN SUBDIVISION
 PAVING PLAN, EL OJITO COURT NW

Design-Review Committee

City Engineer Approval

Mo./Day/Yr.

Mo./Day/Yr.

APPROVE
APR 20 2006
DESIGN
REVIEW COMMITTEE

APPROVED
APR 25 2006
CITY ENGINEER

Last Design Update																																											
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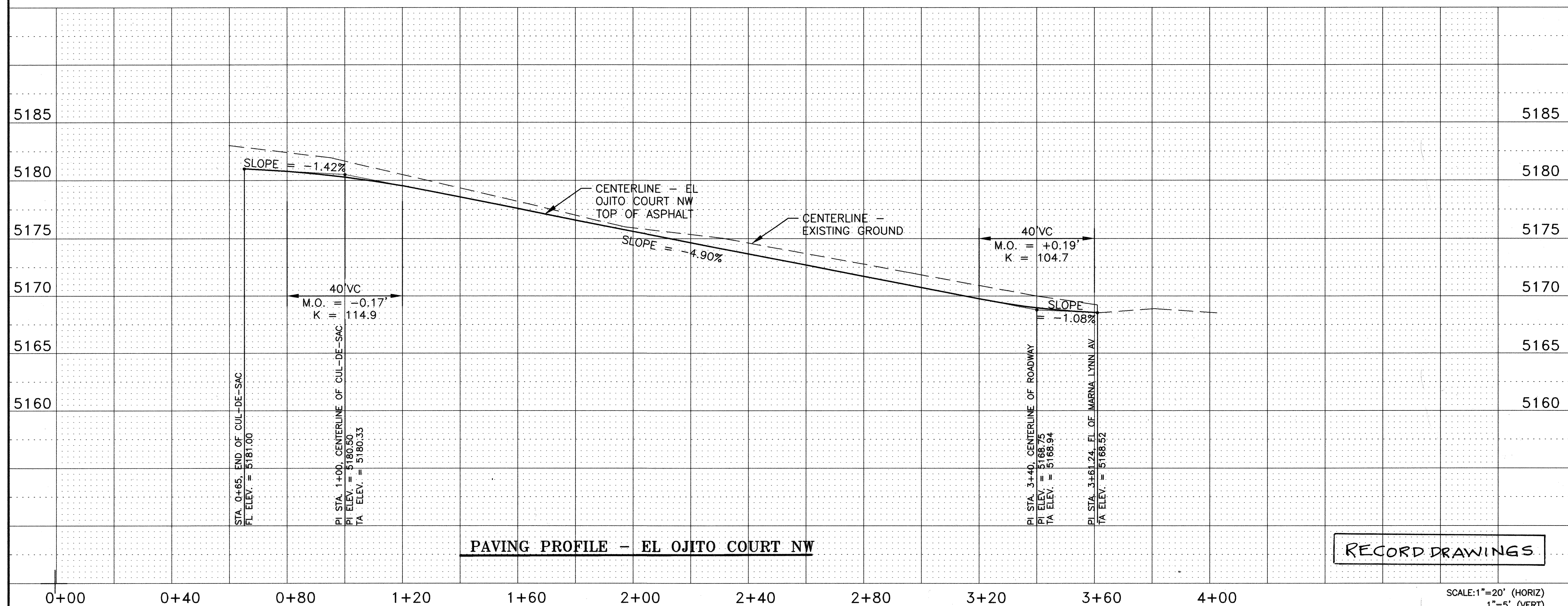
City Project No. _____

776281

Zone Map No.
C-12

Sheet	Of
5	

1



PAVING PROFILE - EL OJITO COURT NW

RECORD DRAWINGS

SCALE: 1"=20' (HORIZ)
1"=5' (VERT)