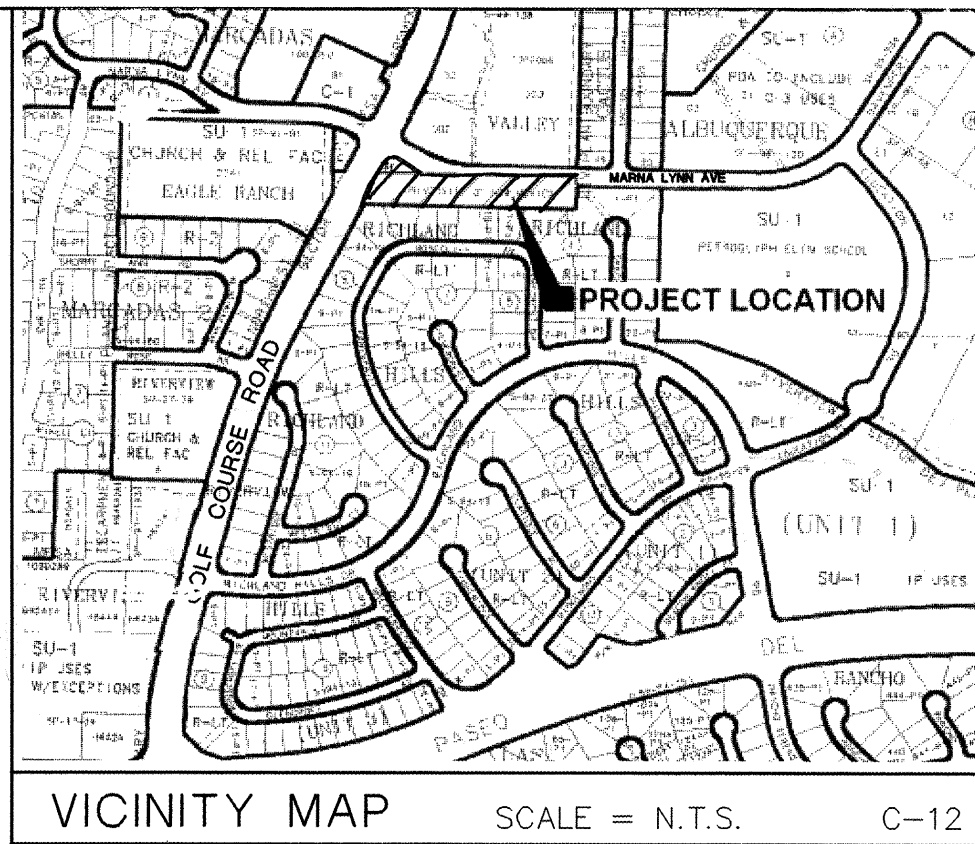


MARNA LYNN SUBDIVISION

AMERI-CONTRACTORS
ALBUQUERQUE, NM

SEPTEMBER 20, 2004



INDEX OF DRAWINGS

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ENGINEERS CERTIFICATION:

I, Martin J. Garcia OF THE FIRM OF ABQ ENGINEERING, 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, WHILE SOMEONE FROM ABQ ENGINEERING, INC. WAS ON SITE, APPROVED BY THE CITY ENGINEER, AND THAT THE ORIGINAL DESIGN INTENT OF THE APPROVED PLANS HAS BEEN MET, EXCEPT AS NOTED BY ME ON THE AS-BUILT CONSTRUCTION DRAWINGS. THE CERTIFICATION IS BASED ON SITE INSPECTIONS BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY JOSQUIN ARGUELLES (SURVEYOR NAME) NMPS NUMBER 7472 (P.S.#).

SURVEYORS CERTIFICATION:

I, Josquin Arguelles NEW MEXICO PROFESSIONAL SURVEYOR NUMBER 7472 HEREBY CERTIFY THAT THE AS-BUILT INFORMATION SHOWN HEREON IS THE RESULT OF AN ACTUAL FIELD SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE SAME IS TRUE OR CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Signature [Signature]
NMPS No. 7472
Date 6-08-05
2006 PROFESSIONAL LAND SURVEYOR

ABQ
Engineering,
Inc.

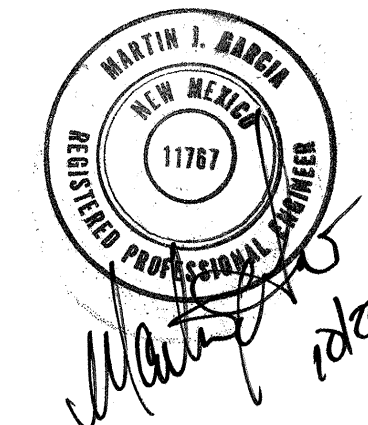
•Engineers • Planners
•Construction Services
6739 Academy Rd NE, Suite 130
Albuquerque, NM 87109
505-255-7802 FAX 505-255-7902
ABQ NO. 24004

APPROVED: [Signature] 10-20-07
NEW MEXICO UTILITIES INC.

DRB# 1003187

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE 11/20/04

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.



REV.	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC Chairman		<u>[Signature]</u>		11-10-04	
		Transportation		<u>[Signature]</u>		11/04/04	
		Water/Wastewater		<u>[Signature]</u>		11/9/04	
		Hydrology		<u>[Signature]</u>		9/22/04	
		Parks		<u>[Signature]</u>		11/24/01	
		Constr. Coord.		<u>[Signature]</u>		11-10-04	
		Envir. Health					
		City Project No.					
		746081					
		Sheet		Of			
		1		9			

APPROVED FOR CONSTRUCTION
[Signature] 11/20/04
CITY ENGINEER DATE

General Notes

1. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) AND DETERMINE LOCATION OF EXISTING UTILITIES.
2. PRIOR TO ANY 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 THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.
3. ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC., WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.
4. 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 GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS UPDATE NO. 7.
5. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES A TWENTY-FOUR HOUR CONSTRUCTION TIME.
6. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE CITY TRAFFIC ENGINEER AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF WORK. PLANS SHALL BE PREPARED IN ACCORDANCE WITH MUTCD REQUIREMENTS AND BY CERTIFIED PERSONNEL AND MUST BE APPROVED PRIOR TO COMMENCEMENT OF WORK ON THE PROJECT.
7. SUBJECT TO THE APPROVED TRAFFIC CONTROL PLAN, AT LEAST ONE LANE SHALL BE OPEN TO TRAFFIC AT ALL TIMES. CONTRACTOR SHALL PROVIDE PROPER SIGNAGE AND FLAGMAN AND SHALL MAINTAIN THE TRAFFIC LANE IN SUCH A MANNER AS TO ASSURE PROPER SAFETY TO THE TRAVELING PUBLIC ON ALL AFFECTED ROADS. THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL PRIVATE AND PUBLIC PROPERTY AT ALL TIMES, EXCEPT WHEN GRADING, EXCAVATION AND BACKFILL OPERATIONS ARE BEING CONDUCTED IMMEDIATELY IN FRONT OF THE PROPERTY, IN WHICH CASE ACCESS WILL NOT BE DENIED FOR MORE THAN 4 HOURS WITHOUT APPROVAL BY THE CITY.
8. TRAFFIC LANES PROVIDED DURING CONSTRUCTION SHALL BE MAINTAINED, IN SUCH A CONDITION UNDER ALL WEATHER CONDITIONS, SO AS TO PERMIT THE REASONABLE PASSAGE OF PASSENGER VEHICLES, AND SHALL BE KEPT GRADED AND SMOOTH, AND WATERED SEVERAL TIMES DAILY TO CONTROL DUST.
9. SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR WILL SUBMIT A DETAILED CONSTRUCTION SCHEDULE TO THE CITY CONSTRUCTION COORDINATION DIVISION. TWO (2) DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR WILL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF SPECIFICATIONS.
10. THE SPECIFICATIONS USED FOR THIS PROJECT ARE THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1994 EDITION, UPDATE NO. 7.
11. THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, BUT NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.

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 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 REQUESTER 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.

12. ALL WATER VALVE BOXES MANHOLES IN THE STREET CONSTRUCTION ARE TO BE ADJUSTED TO FINISH GRADE AND WILL BE MEASURED AND PAID PER EACH.
13. SUBGRADE PREPARATIONS UNDER SIDEWALKS AND DRIVE PADS, AND SUBGRADE AND SUBBASE PREPARATION UNDER CURB AND GUTTER IS CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF SUCH, AND NO DIRECT PAYMENT SHALL BE MADE FOR THOSE ITEMS OF WORK.
14. ALL EXCAVATION WILL BE GOVERNED BY FEDERAL, STATE AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
15. ALL SIGNS AND CODING WILL BE IN ACCORDANCE WITH THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS" CURRENT EDITION PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION.
16. WHEN ABUTTING NEW PAVEMENT TO EXISTING INTERSECTING STREETS, SAW CUT EXISTING PAVEMENT TO A STRAIGHT LINE AND AT RIGHT ANGLES AND REMOVE ANY BROKEN OR CRACKED PAVEMENT. NO DIRECT PAYMENT WILL BE MADE FOR SAW CUTTING.
17. CONTRACTOR WILL MAKE ALL WATER VALVES AND MANHOLES ACCESSIBLE TO NEW MEXICO UTILITIES INC. AT ALL TIMES.
18. CONTRACTOR WILL CONFINE HIS WORK WITHIN THE CONSTRUCTION EASEMENT LIMITS AND/OR RIGHT-OF-WAY, OR PROVIDE COPIES OF AGREEMENTS WITH ADJACENT LANDOWNERS TO THE CITY OF ALBUQUERQUE.
19. THE CONTRACTOR AGREES TO TAKE NECESSARY SAFETY PRECAUTIONS AS REQUIRED BY FEDERAL, STATE AND LOCAL AUTHORITIES TO PROTECT PEDESTRIAN AND VEHICULAR TRAFFIC IN THE CONSTRUCTION AREA, WHICH INCLUDE BUT ARE NOT LIMITED TO: MAINTAINING ADEQUATE WARNING SIGNS, BARRICADES, LIGHTS, GUARD FENCES, WALKS AND BRIDGES.
21. TACK COAT FOR SURFACE COURSE REQUIREMENTS WILL BE DETERMINED BY THE FIELD ENGINEER.
22. PERMANENT PAVEMENT STRIPING AND MARKINGS WILL BE PLACED BY THE CONTRACTOR. ROAD SHALL NOT BE OPENED TO THE TRAFFIC UNTIL IT IS STRIPED. ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
23. ALL ASPHALTIC CONCRETE SHALL BE MINIMUM 1800 LB. STABILITY AND COMPACTED TO 93%-97% MODIFIED MARSHALL DENSITY UNLESS OTHERWISE NOTED ON THE PLANS.
24. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
25. CONTRACTOR SHALL COORDINATE WITH NEW MEXICO UTILITIES (898-2661) THREE (3) WORKING DAYS PRIOR TO UTILITY EXCAVATION OR ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR TIMING AND COORDINATION OF WATER SHUTOFF. EXISTING VALVES TO BE OPERATED BY NMUI PERSONNEL ONLY.
26. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART P.
27. FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
28. ALL UTILITY WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH NEW MEXICO UTILITIES INC. SPECIFICATIONS FOR WATER AND WASTEWATER FACILITIES (MOST RECENT VERSION).
29. ALL FITTINGS ON WATER LINES SHALL HAVE CONCRETE BLOCKING AS NOTED ON PLANS. ALL FIRE HYDRANT LEGS SHALL BE 6" DUCTILE IRON AND SHALL HAVE RESTRAINED JOINTS AS NOTED ON PLANS.

ABQ
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Inc.

E. gineers · Planners
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ABQ No. 24004

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: MARNA LYNN SUBDIVISION
GENERAL NOTES

Design Review Committee

APPROVED

NOV 10 2004

DESIGN REVIEW COMMITTEE

City Engineer Approval

APPROVED

NOV 12 2004

CITY ENGINEER

Last Design Update

Mo./Day/Yr.	Mo./Day/Yr.

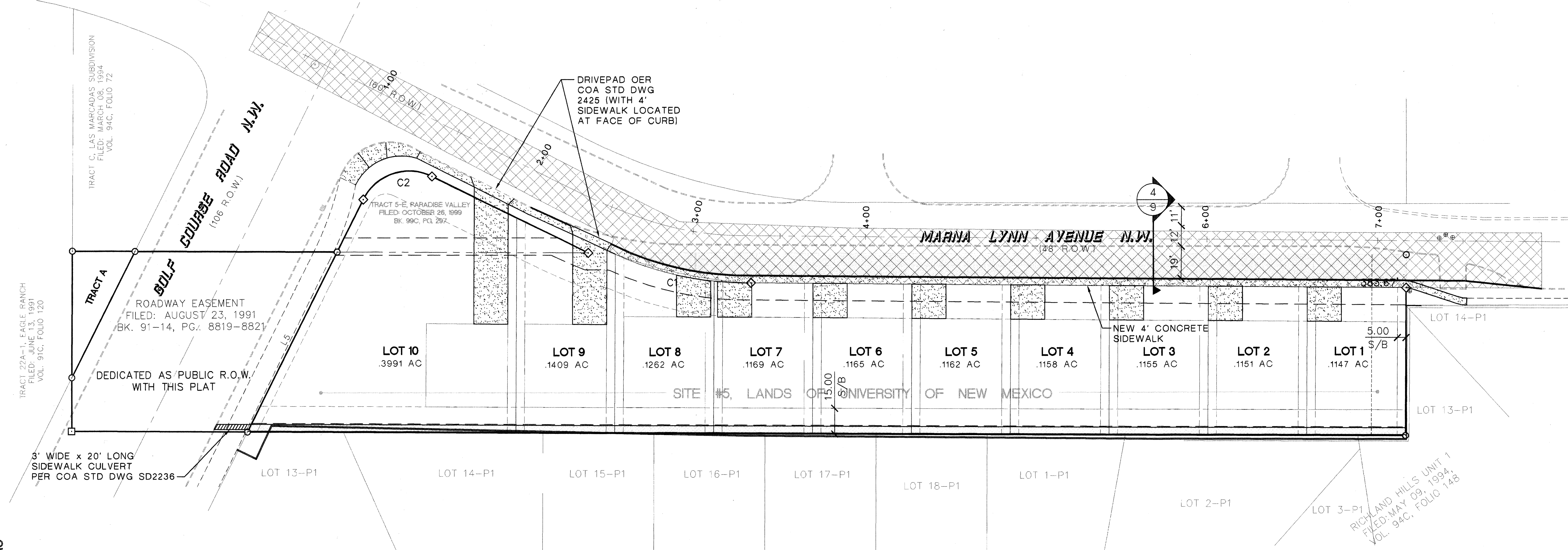
City Project No. 746081

Zone Map No. F-11

SHEET 2 OF 9

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REMARKS REVISIONS		DESIGN		NO. DATE		NO. DATE		NO. DATE	
CONTRACTOR CUSTOMER DATE		THE STATION MARK IS A STANDARD ACS BRASS TABLET STAMPED "3-B12" SET FLUSH WITH THE LAVA ROCK OUTCROPPING. X = 369484.87 Y = 1524345.87 Z = 5277.26 NOV 1929		FIELD NOTES BY DATE				BY		DATE 9/20/2004		DESIGNED BY M. GARCIA		RECORDED BY		NO.	
INSPECTOR'S ACCEPTANCE DATE										DATE 9/20/2004		DRAWN BY F. PHILLIPS		RECORDED BY		NO.	
DRAWINGS CORRECTED BY DATE										DATE 9/20/2004		CHECKED BY M. GARCIA					

SCANNED BY
MESA REPRO

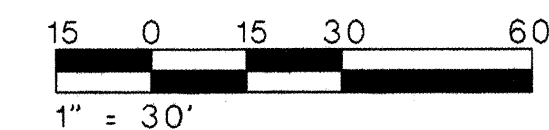


PAVING PLAN

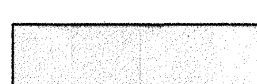
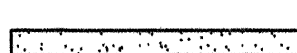
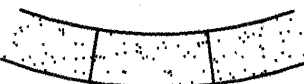
SCALE: 1" = 30'



NORTH

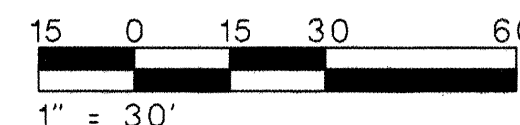


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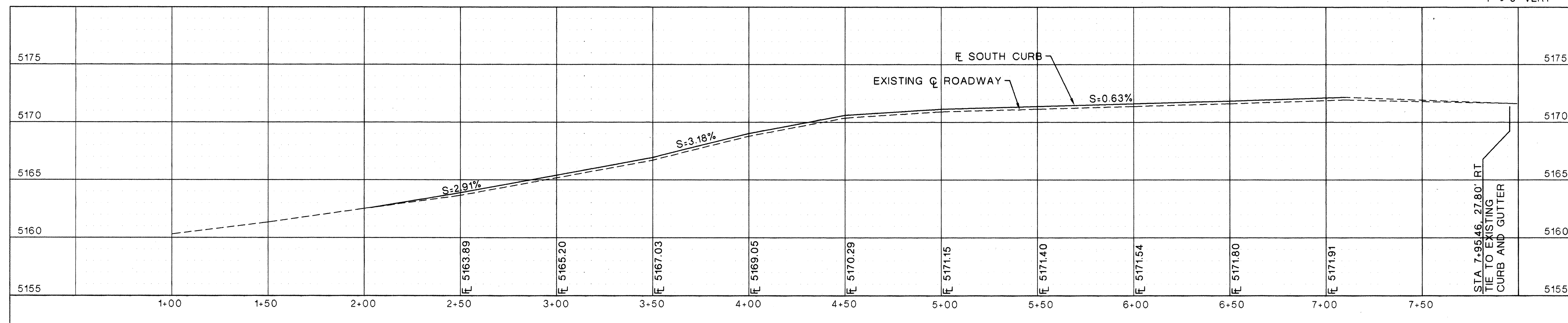
- | | |
|---|--|
|  | EXISTING CONTOUR |
|  | LIMITS OF SETBACK |
|  | EASEMENT GRANTED BY PLAT |
|  | ASPHALT PAVING
SEE PLAT FOR EASEMENT |
|  | CONCRETE DRAINAGE CHANNEL |
|  | EXISTING CURB AND GUTTER |
|  | NEW CONCRETE SIDEWALK/DRIVEPAD |
|  | WHEEL CHAIR RAMP
RAMP PER C.O.A STD. DWG. 2441. |
|  | ROW |
|  | RIGHT OF WAY |
|  | LIMITS OF WORK AREA |

[illegible]

SCANNED BY
MESA REPRO

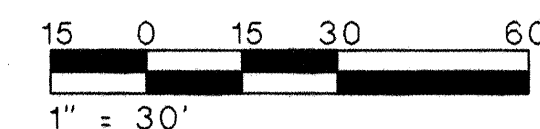


SCALE: 1" = 30' HORIZ
1" = 5' VERT



- A. STA 2+07.76 TO STA 7+96.13 REMOVE EXISTING SOUTH CURB
- B. SAWCUT ASPHALT FOR CLEAN JOINT.
- C. FOR MARNA LYNN STRIPING PLAN, SEE SHEET 9.

EXISTING CONTOUR
LIMITS OF SETBACK
SWALE
EASEMENT GRANTED BY PLAT
RETAINING WALL. SEE SHEET 9, DETAIL 7
PROPOSED SPOT ELEVATION
EXISTING SPOT ELEVATION
ASPHALT PAVING
SEE PLAT FOR EASEMENT
CONCRETE
CONCRETE DRAINAGE CHANNEL
TA
TOP OF ASPHALT



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ABQ NO. 24004

TITLE: MARNA LYNN SUBDIVISION
ROADWAY PLAN AND PROFILE

City Engineer Approval

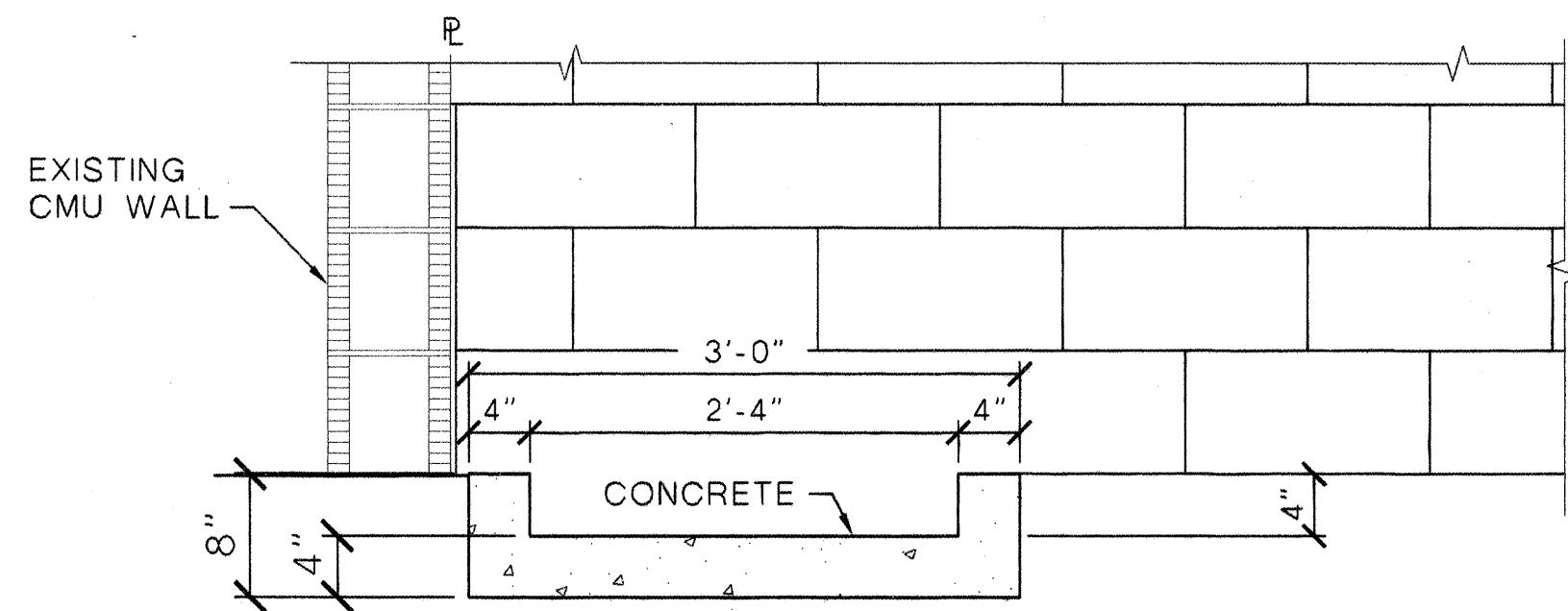
APPROVED

NOV 12 2004

CITY ENGINEER

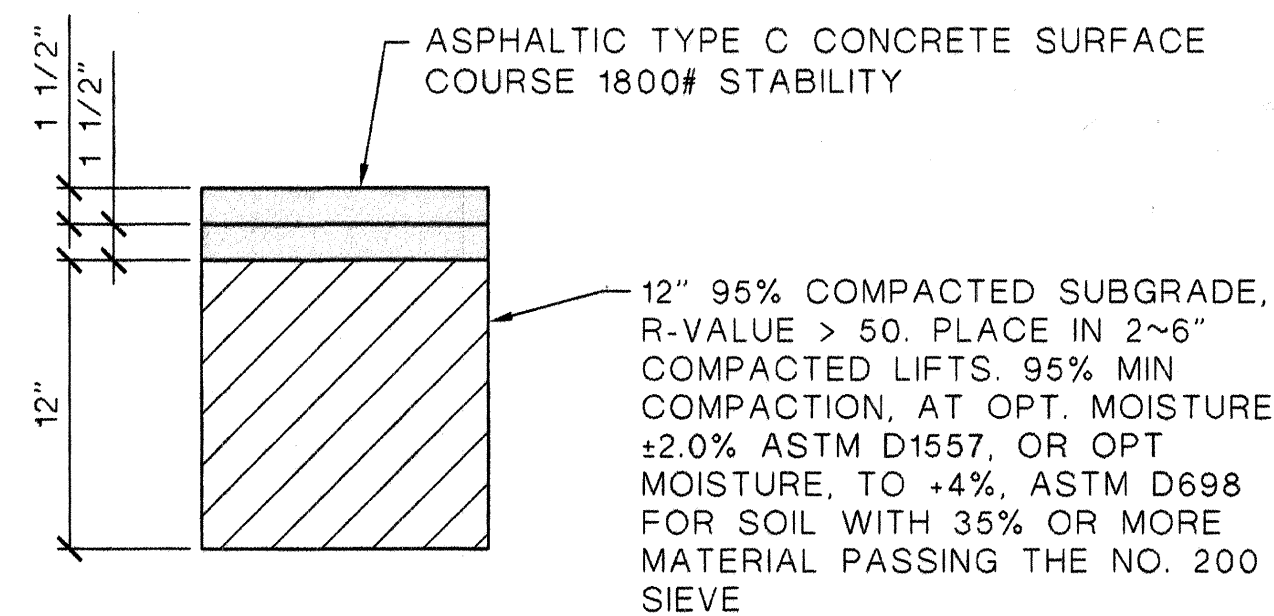
Zone Map No.
F-11

SHEET	7	OF	9
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CONCRETE CHANNEL DETAIL

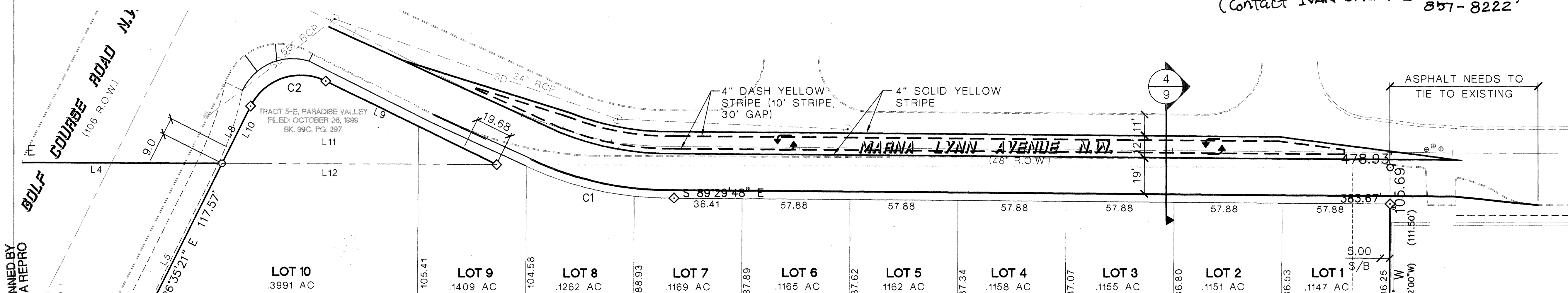
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ASPHALT DETAIL (COA STD DWG 2405A)

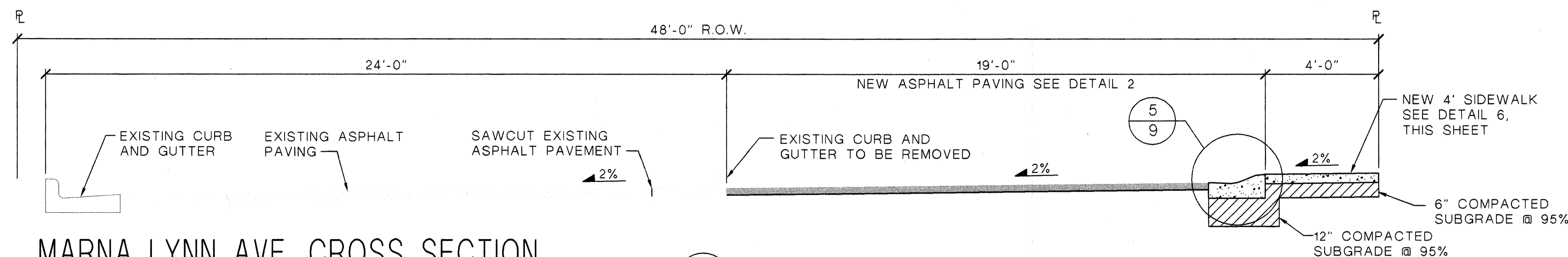
SCALE: 1/2" = 1'-0"

Note: Prior to striping contact Traffic Operations
(Contact IVAN CHAVEZ 857-8000)
857-8222



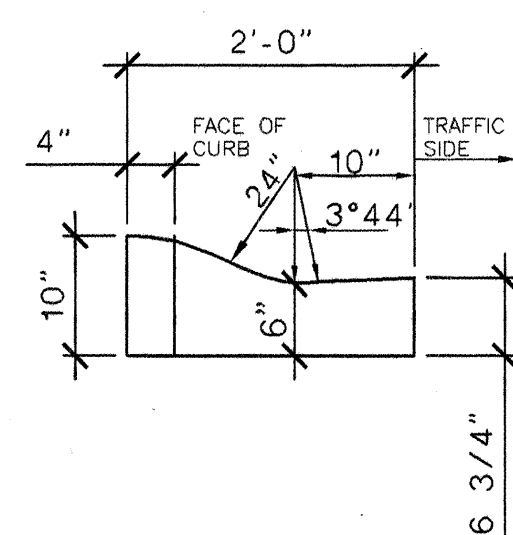
STRIPING PLAN - MARNA LYNN AVE

SCALE: 3/8" = 1'-0"



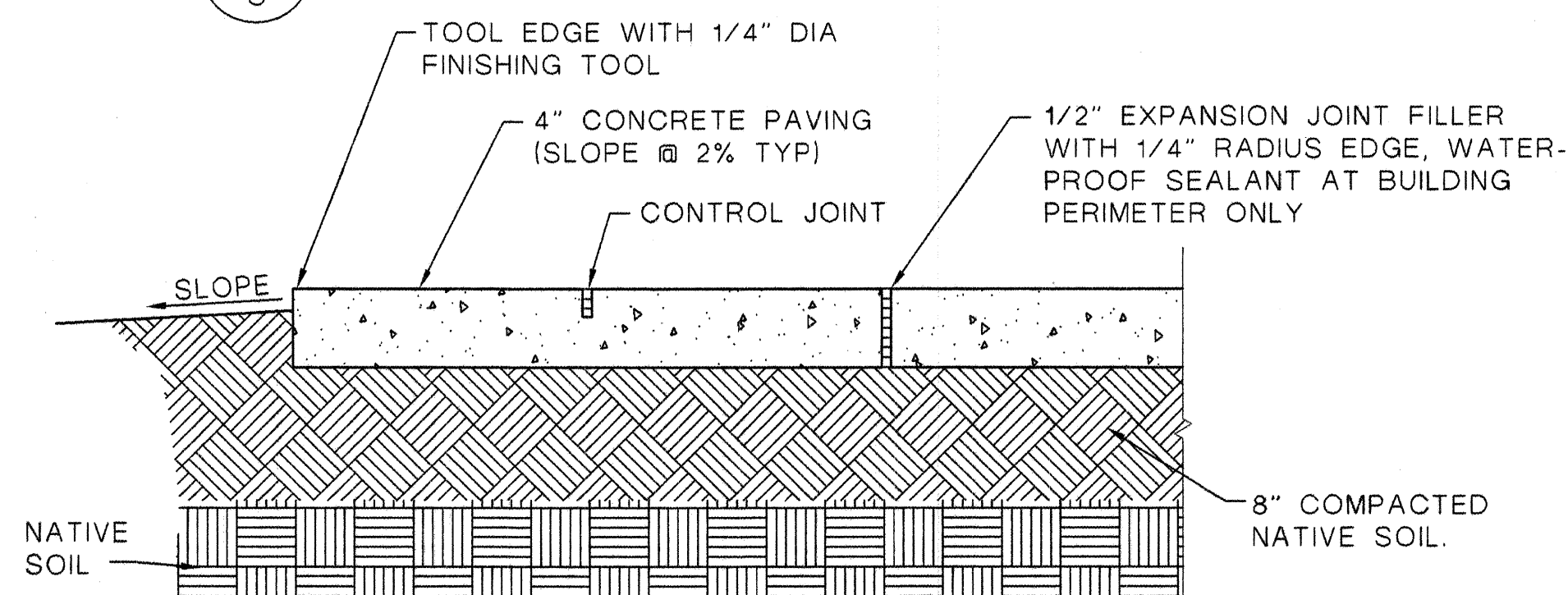
MARNA LYNN AVE. CROSS SECTION

SCALE: 3/8" = 1'-0"



MOUNTABLE CURB DETAIL
COA STD DWG 2415A

SCALE: 3/4" = 1'-0"



NOTE: PROVIDE TRANSVERSE CONTROL JOINTS AT INTERVALS NOT EXCEEDING 6'-0" ON CENTER. PROVIDE CENTERLINE CONTROL JOINTS IN SIDEWALK WIDER THAN 8'-0". SPACING OF CENTERLINE CONTROL JOINTS SHALL NOT EXCEED 6'-0" OR AS SHOWN ON PLANS. PROVIDE EXPANSION JOINTS AT INTERVALS NOT EXCEEDING 20'-0" ON CENTER WHERE WALK DOES NOT ABUT CURB.

SIDEWALK DETAIL (COA STD DWG 2430)

SCALE: 3/4" = 1'-0"

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	THE STATION MARK IS A STANDARD ACS BRASS TABLET	DATE	FIELD NOTES	DATE		
WORK ORDER NO.	DATE	STAMPED "3-B12" SET FLUSH WITH THE LAVA ROCK OUTCROPPING.	DATE	BY	DATE		
INSPECTOR'S ACCEPTANCE BY	DATE	X = 369494.87 Y = 1.524,345.87 Z = 5277.26	DATE	NO.	DATE	REMARKS	REVISIONS
VERIFICATION BY	DATE	NGVD 1929	DATE				
DRAWINGS CORRECTED BY	DATE		DATE				
MICRO-FILM INFORMATION	DATE		DATE				
RECORDED BY	DATE		DATE				
NO.							

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: MARNA LYNN SUBDIVISION
TYPICAL SECTIONS AND DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED NOV 10 2004 DESIGN REVIEW COMMITTEE	APPROVED NOV 12 2004 CITY ENGINEER			

City Project No. 746081 Zone Map No. F-11 SHEET 9 OF 9