

# CONSTRUCTION PLANS

## FOR

# LEGACY CHURCH / CENTRAL AVE.

CURB & GUTTER/PAVEMENT IMPROVEMENTS

CITY OF ALBUQUERQUE  
NEW MEXICO  
SEPTEMBER 2006

### INDEX TO DRAWINGS

- TITLE SHEET
- CENTRAL AVENUE PAVEMENT PLAN & PROFILE SHEET

### TRAFFIC CONTROL PLAN

USE COA STD DWG# 2801 TO 2808  
FOR TRAFFIC CONTROL PLAN.

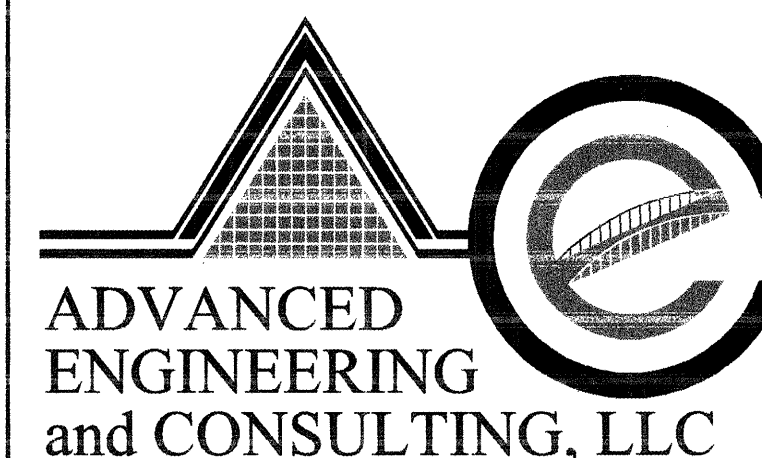
#### RECORD DRAWING

I, SHAHAB BIAZAR, OF THE FIRM OF ADVANCED ENGINEERING AND CONSULTING, LLC, 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 AND 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 AND SURVEY INFORMATION PROVIDED BY LEONARD MARTINEZ OF ADVANCED ENGINEERING, NMPS NUMBER 8901.

SHAHAB BIAZAR, PE  
NMPE NO. 13479  
DATE 4/17/07  
Advanced Eng. & Cons., LLC

APPROVED AS RECORD DRAWINGS  
DESIGN REVIEW SECTION  
CITY CONSTRUCTION ENGINEER  
Paul J. Silva  
DATE 08-28-2007

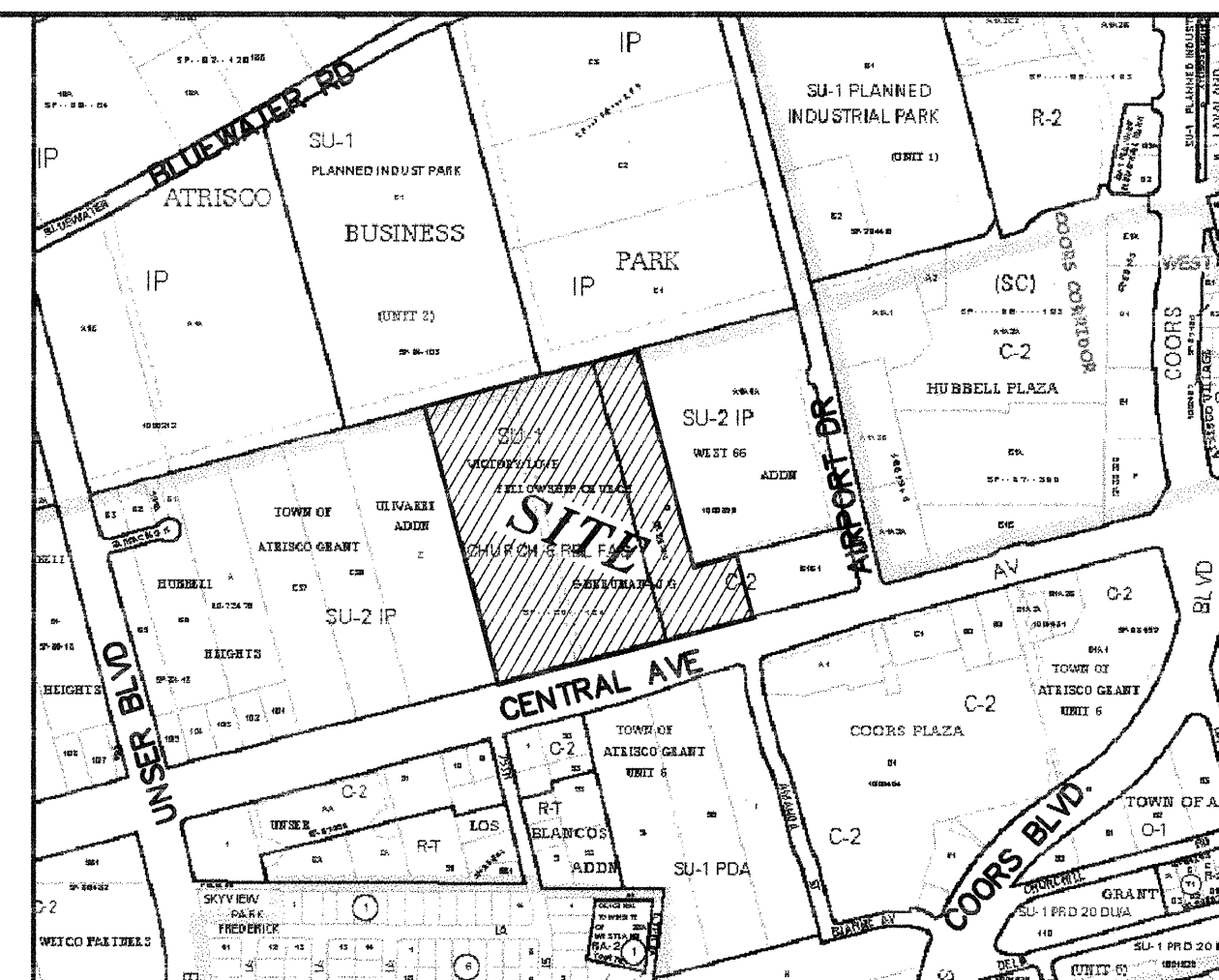
DRB CASE NUMBER 1000418



ADVANCED  
ENGINEERING  
and CONSULTING, LLC

4416 ANAHEIM AVE., NE  
ALBUQUERQUE, NEW MEXICO 87113  
(505)899-5570

DRAWING: 200642-TITLE DRAWN BY: SBB DATE: 09-08-06



VICINITY MAP ZONE ATLAS K-10-Z

#### N.T.S.

#### 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 (UPDATE #7 INCLUDING AMENDMENT 1).
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION 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.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING OF 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 (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING TO LOCATION 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 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. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THIS PROJECT THAT IS NOT SHOWN ON THE PLAN AND IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT THE DESIGNER'S EXPENSE.
- 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.
- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART F.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, NOT LIMITED TO, HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.
- TACK COAT FOR SURFACE COURSE REQUIREMENTS WILL BE DETERMINED BY THE ENGINEER.
- PERMANENT PAVEMENT STRIPING AND MARKINGS WILL BE PLACED BY THE CONTRACTOR. THE ROAD SHALL NOT BE OPENED TO THE TRAFFIC UNTIL IT IS STRIPPED. ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF HOT PLASTICS OR COLD PLASTIC IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY.
- ALL WATER VALVE BOXES/MANHOLES IN THE STREET CONSTRUCTION ARE TO BE ADJUSTED TO FINISH GRADE AND WILL BE MEASURED AND PAID PER EACH.
- 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 (898-2261) THREE (3) WORKING DAYS PRIOR TO BEGINNING THE CONSTRUCTION OF THE UTILITIES.
- THE CONTRACTOR SHALL COORDINATE WITH WATER SYSTEMS DIVISION (857-8200) SEVEN (7) WORKING DAYS PRIOR TO ANY WORK WHICH MAY AFFECT THE EXISTING CITY PUBLIC WATER OR SEWER UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR TIMING AND COORDINATION OF WATER SHUTOFF. EXISTING CITY VALVES TO BE OPERATOR BY CITY PERSONNEL ONLY. REFER TO SECTION 18 OF THE STANDARD SPECIFICATIONS.
- ELECTRONIC MARKER DISKS (EMD) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7.
- PRIVATE STREETS REQUIRE STREET NAME SIGNS, STOP SIGNS, AND ANY NECESSARY STRIPING (DEVELOPER'S RESPONSIBILITY).
- ALL WATER VALVE BOXES/MANHOLES IN THE STREET CONSTRUCTION ARE TO BE ADJUSTED TO FINISH GRADE AND WILL BE MEASURED AND PAID PER EACH.
- 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 FOLLOWING NOTES ALSO APPLY WHEN CHECKED

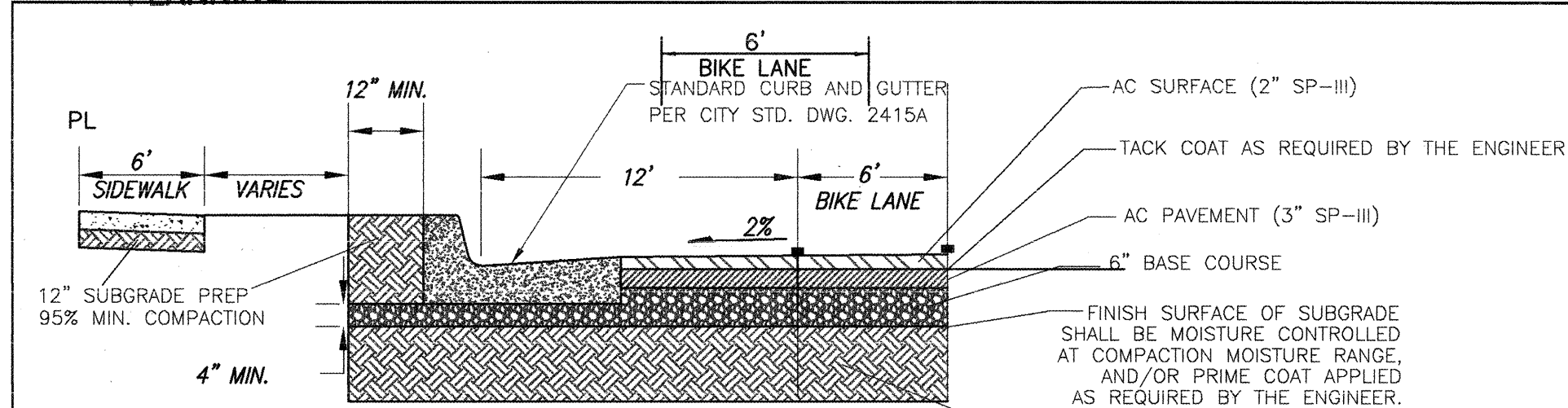
- ☐ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE DESIGN ENGINEER.
- ☐ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER 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.

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC Chairman		9/30/06		APPROVED FOR CONSTRUCTION	
		Transportation		9/27/06			
		Water/Wastewater		9/19/06			
		Hydrology		9-19-06			
C.I.P.							
Constr. Coord.							
CITY PROJECT NO.				740981		SHEET 1 OF 2	

RECORD DRAWINGS

7409.81



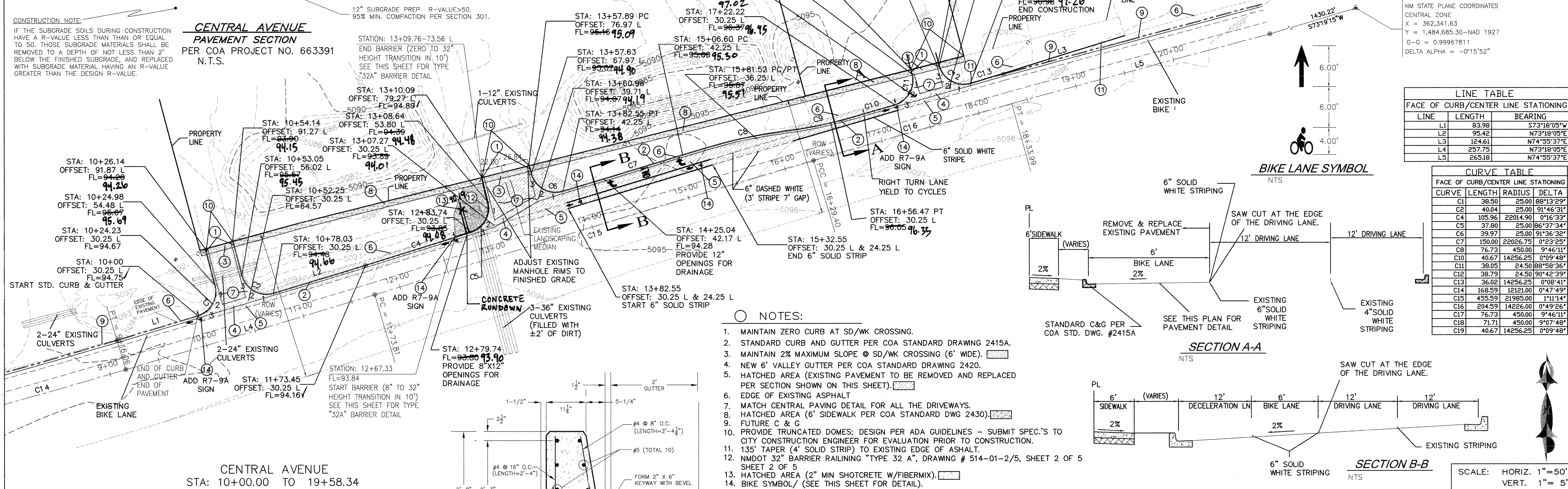


CONSTRUCTION NOTE:





IF THE SUBGRADE SOILS DURING CONSTRUCTION HAVE A R-VALUE LESS THAN OR EQUAL TO 50. THOSE SUBGRADE MATERIALS SHALL BE REMOVED TO A DEPTH OF NOT LESS THAN 2' BELOW THE FINISHED SUBGRADE, AND REPLACED WITH SUBGRADE MATERIAL HAVING AN R-VALUE GREATER THAN THE DESIGN R-VALUE.

CENTRAL AVENUE  
PAVEMENT SECTION  
PER COA PROJECT NO. 663391  
N.T.S.

STATION: 13+09.76-73.56  
END BARRIER (ZERO TO 32  
HEIGHT TRANSITION IN 10')  
SEE THIS SHEET FOR TYPE  
"32A" BARRIER DETAIL



- NOTES:

1. MAINTAIN ZERO CURB AT SD/WK CROSSING.
2. STANDARD CURB AND GUTTER PER COA STANDARD DRAWING 2415A.
3. MAINTAIN 2% MAXIMUM SLOPE @ SD/WK CROSSING (6' WIDE). 
4. NEW 6' VALLEY GUTTER PER COA STANDARD DRAWING 2420.
5. HATCHED AREA (EXISTING PAVEMENT TO BE REMOVED AND REPLACED PER SECTION SHOWN ON THIS SHEET). 
6. EDGE OF EXISTING ASPHALT
7. MATCH CENTRAL PAVING DETAIL FOR ALL THE DRIVEWAYS.
8. HATCHED AREA (6' SIDEWALK PER COA STANDARD DWG 2430). 
9. FUTURE C & G
10. PROVIDE TRUNCATED DOWNS; DESIGN PER ADA GUIDELINES - SUBMIT SPEC.'S TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
11. 135° TAPER (4' SOLID STRIP) TO EXISTING EDGE OF ASPHALT.
12. NMDOT 32" BARRIER RAILING "TYPE 32 A", DRAWING # 514-01-2/5, SHEET 2 OF 5
13. HATCHED AREA (2" MIN SHOTCRETE W/FIBERMIX). 
14. BIKE SYMBOL/ (SEE THIS SHEET FOR DETAIL).

QUARTER POINTS

(C1)	FL	ELEV.
95.26	1	5095.44
	2	5095.21
	3	5094.98

(C2)	FL	ELEV.
94.99	1	5094.76
	2	5095.03
	3	5095.30

(C5)	FL	ELEV.
94.16	1	5094.14
	2	5094.81
	3	5093.87

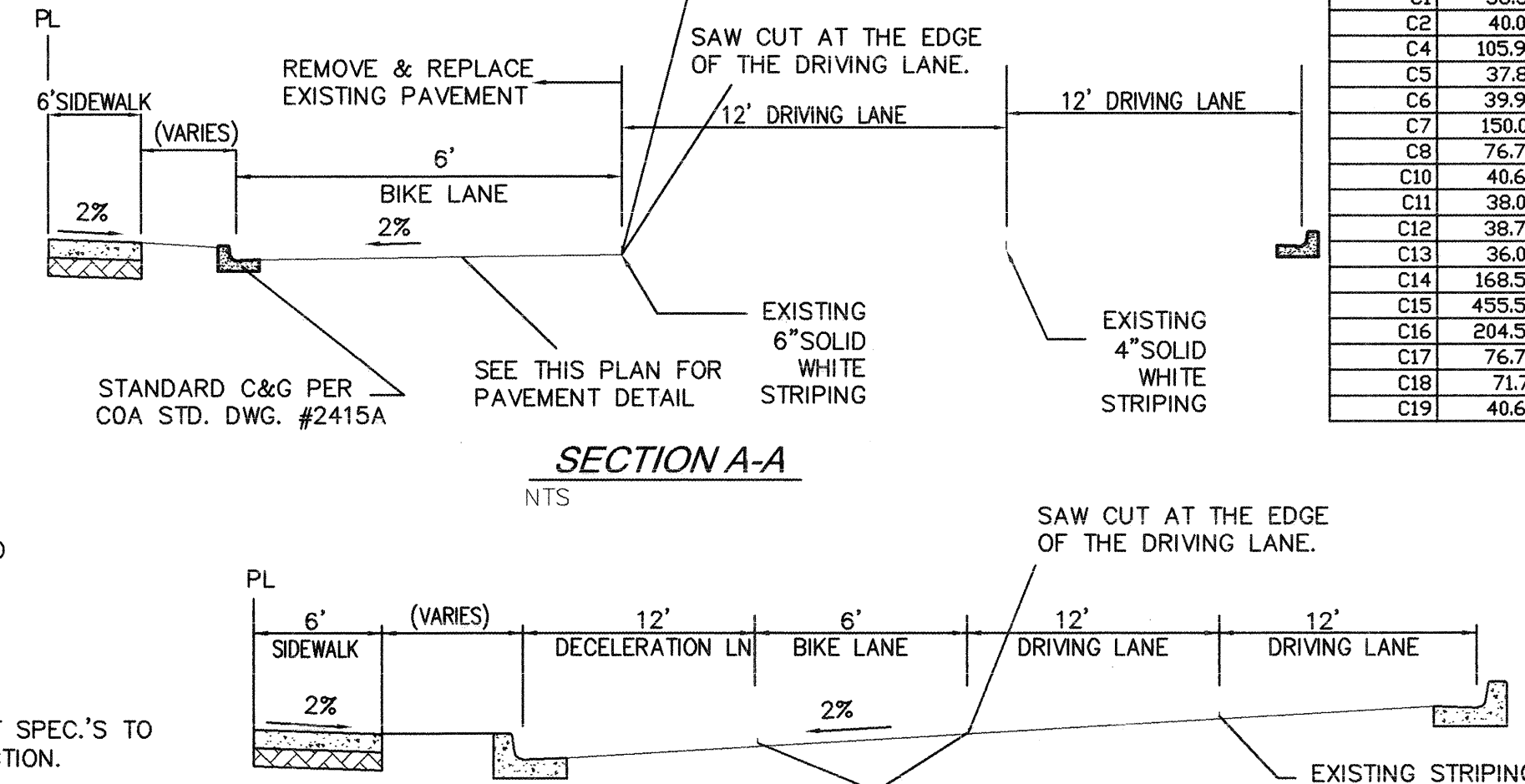
(C6)	FL	ELEV.	(C11)	FL	ELEV.	(C12)	FL	ELEV.
	1	5094.37		1	5097.27		1	5097.18
✓	2	5094.61	91.2.9	2	<del>5097.97</del>	91.32	2	<del>5097.38</del>
	3	5094.84		3	5097.67		3	5097.58

ACS MONUMENT "5-K10-1989"  
NM STATE PLANE COORDINATE  
CENTRAL ZONE  
X = 362,341.63  
Y = 1,484,685.30-NAD 192  
G-G = 0.99967811  
DELTA ALPHA = -0°15'52"

LINE TABLE		
FACE OF CURB/CENTER LINE STATIONING		
LINE	LENGTH	BEARING
L1	83.98	S73°18'05"W
L2	95.42	N73°18'05"E
L3	124.61	N74°55'37"E
L4	257.75	N73°18'05"E
L5	265.18	N74°55'37"E

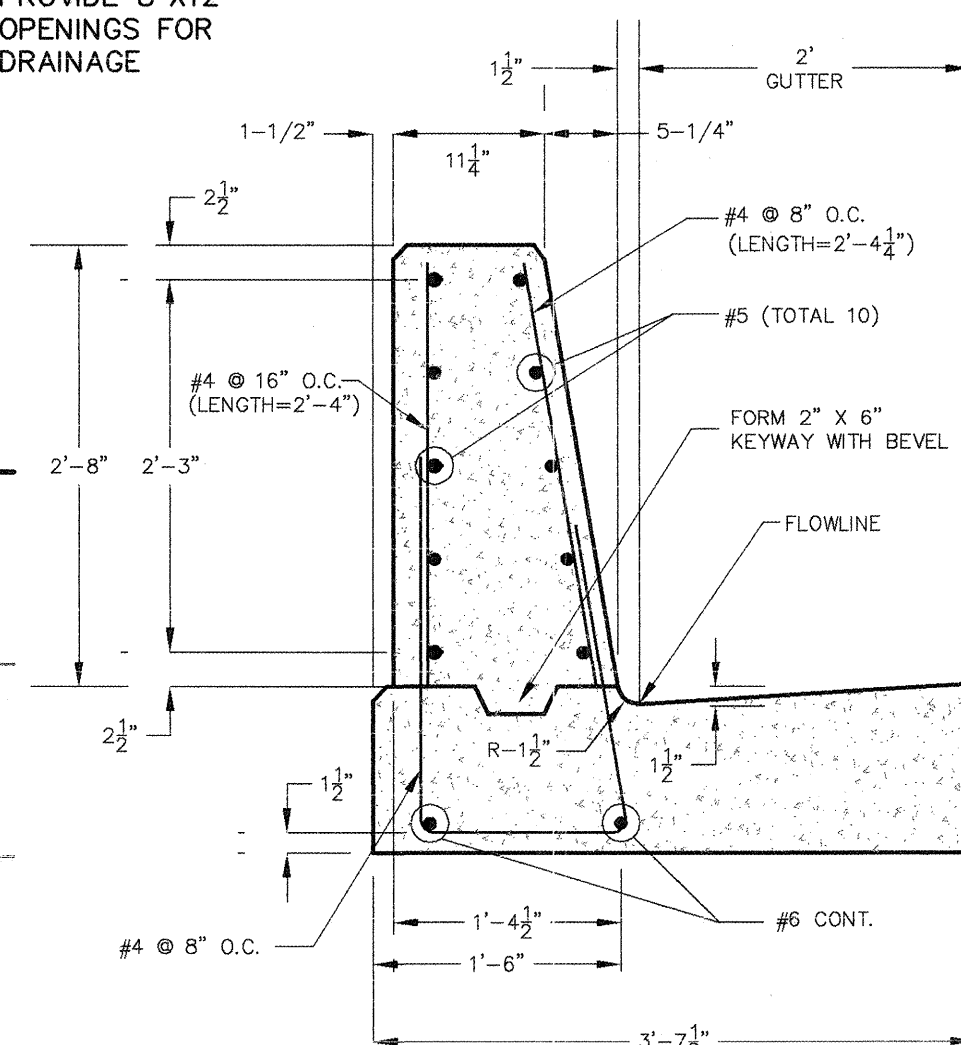
CURVE TABLE				
FACE OF CURB/CENTER LINE STATIONING				
CURVE	LENGTH	RADIUS	DELTA	
C1	39.50	25.00	88°12'30"	
C2	40.04	25.00	71°14'55"31"	
C4	105.96	22014.90	0°16'33"	
C5	37.80	25.00	86°37'34"	
C6	39.97	25.00	91°36'32"	
C7	156.00	22026.75	0°23'25"	
C8	76.73	450.00	9°46'11"	
C10	40.67	14256.25	0°09'48"	
C11	38.05	24.50	89°59'32"	
C12	38.79	24.50	90°42'39"	
C13	36.02	14256.25	0°08'41"	
C14	168.59	12121.00	0°47'49"	
C15	455.59	21985.00	1°11'14"	
C16	204.99	14226.00	0°49'26"	
C17	76.73	450.00	9°46'11"	
C18	71.71	450.00	9°01'48"	
C19	40.67	14256.25	0°09'48"	

SECTION A-A


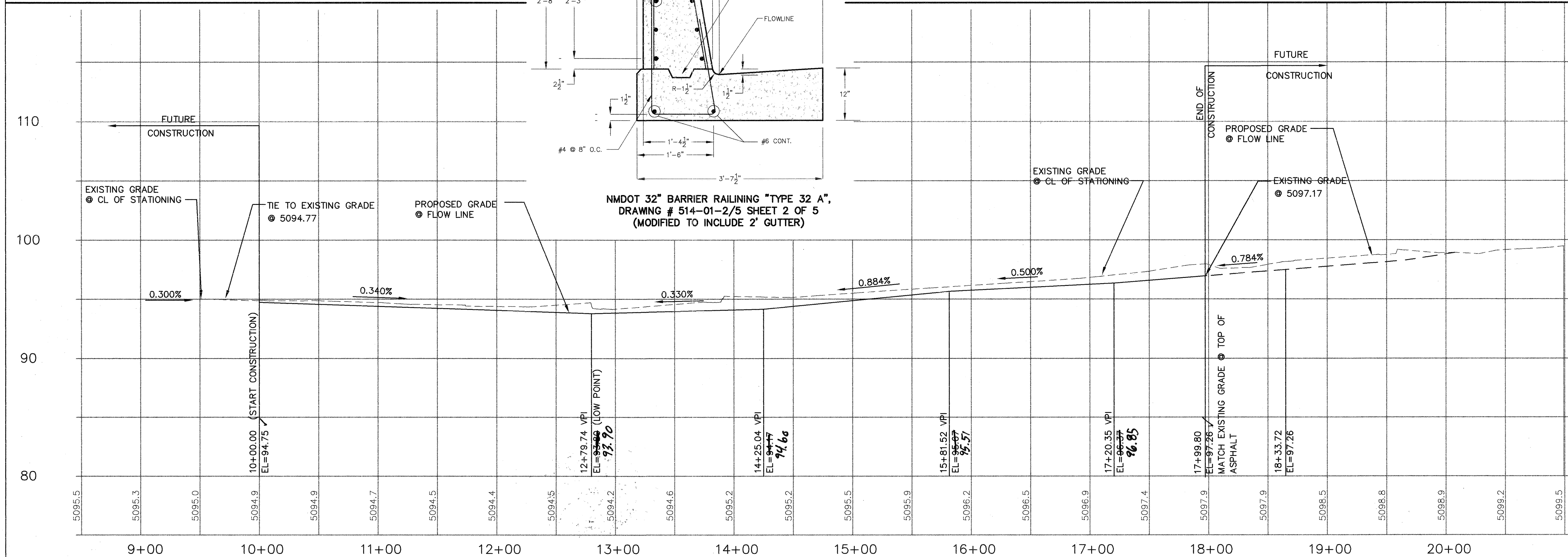


*SECTION B-B*

SCALE: HORIZ. 1"=50'  
VERT. 1"= 5'



NMDOT 32" BARRIER RAILING "TYPE 32 A",  
DRAWING # 514-01-2/5 SHEET 2 OF 5  
(MODIFIED TO INCLUDE 2' GUTTER)



ADVANCED  
ENGINEERING  
and CONSULTING, LLC


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(505)899.5570

BERNALILLO COUNTY  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

LEGACY CHURCH  
CURB AND GUTTER IMPROVEMENTS

TITLE:

DESIGN REVIEW COMMITTEE  
APPROVE  
SEP 29 2006  
DESIGN REVIEW COMMITTEE



CITY ENGINEER APPROVAL  
APPROVED  
NOV 28 2006  
CITY ENGINEER

CITY PROJECT NO.

ZONE MAP NO	
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7.

ZONE MAP NO.  
K-10-7

DRAWING: 200642-P&amp;P-PAVING

DATE: 09-06-06

740981

ZONE MAP NO.  
K-10-7

2	2
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## RECORD DRAWINGS