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PLANNING

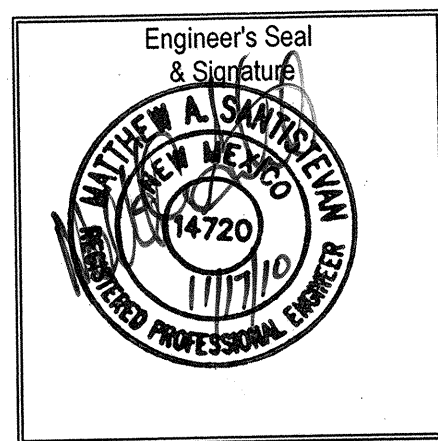
CONSTRUCTION PLANS FOR WIDENING BLACK ARROYO BLVD ALBUQUERQUE, NEW MEXICO

INDEX

SHEET NUMBER	DESCRIPTION
1	COVER SHEET
2	SURVEY CONTROL
3	OVERALL PAVING PLAN
4	BLACK ARROYO BLVD & UNSER BLVD PAVING PLAN
5	STORM DRAIN PROFILES

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Matthew A. Santistevan of the firm of Bohannon Huston, 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 shown on these drawings (Widening Black Arroyo Blvd.) 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 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 the contractors, Salls Brothers Construction, Inc. and their surveyor, Russ P. Hugg, NMPS No. 9750.

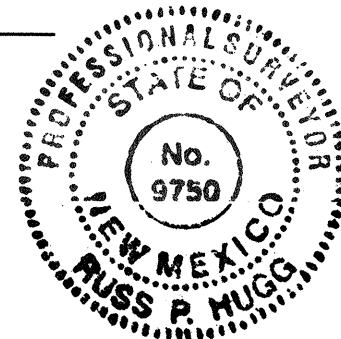


RECORD DRAWINGS

SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, 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 and correct to the best of my knowledge and belief.

Russ P. Hugg
NMPS No. 9750
NOVEMBER 9, 2010



APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
Date: 3-30-2011

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
2. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
3. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION ENGINEER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERE TO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

4. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION ENGINEER.

5. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.

6. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.

7. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE)

8. ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED BY THE CONTRACTOR PER PLAN.

9. THE CONTRACTOR SHALL FOLLOW THE CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN PROVIDED HEREIN. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.

10. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.

11. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.

12. ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.

13. WHEN ABUTTING NEW CURB AND GUTTER TO EXISTING PAVEMENT, A 1' WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE CURB AND GUTTER SHALL BE SAWCUT, REMOVED, AND REPLACED AS PER THE STANDARD SPECIFICATIONS.

14. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, WHEELCHAIR RAMPS, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER COA STANDARDS, AT HIS OWN EXPENSE.

15. RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATIONS. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUTED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.

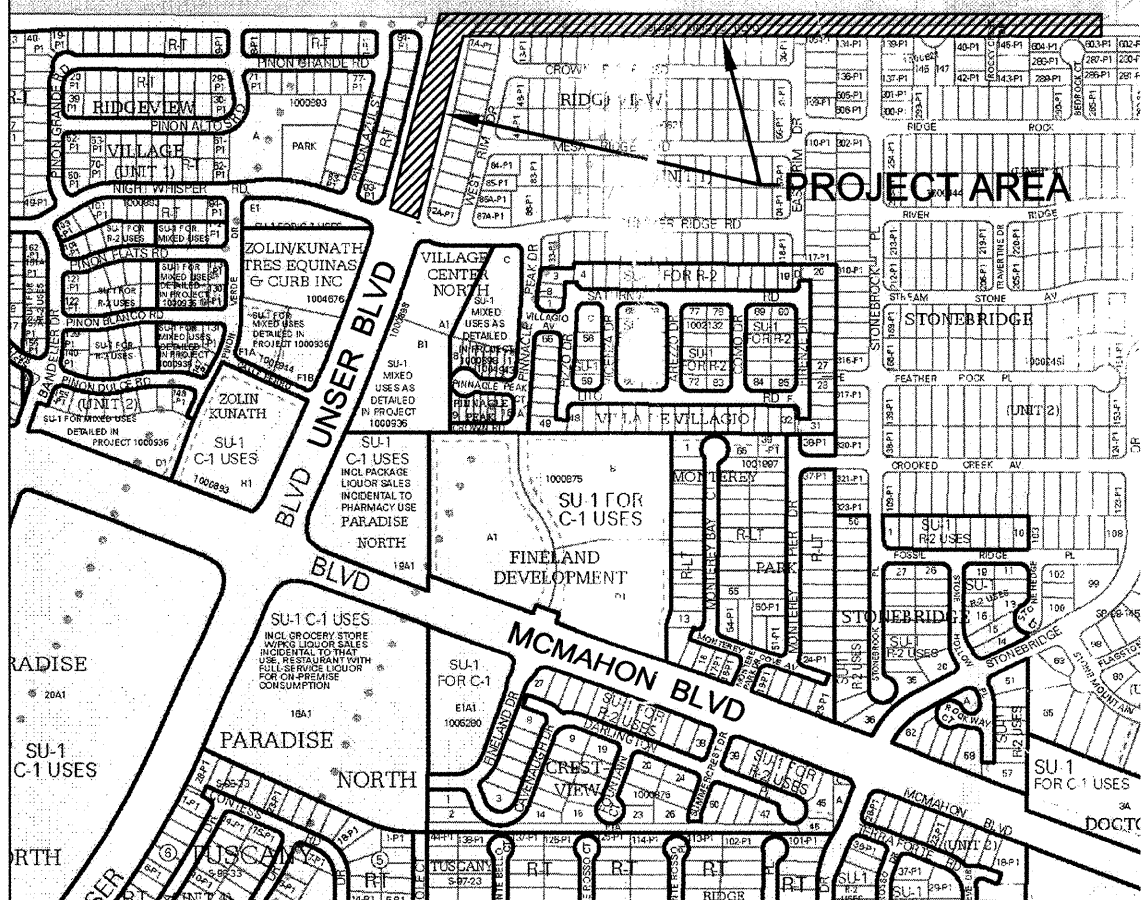
16. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.652 Subpart P. 658 11-17-09

17. CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL CONSTRUCTION SIGNAGE UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.

18. ALL SWPPP EROSION CONTROL MEASURES MUST BE REMOVED FROM THE RIGHT OF WAY PRIOR TO FINAL ACCEPTANCE.

Bohannon Huston

Courtyard | 7500 Jefferson St NE Albuquerque, NM 87109-4335
ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES



VICINITY MAP
ZONE MAP A-11 & A-12

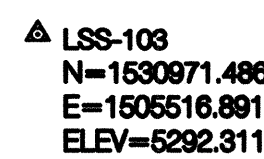
NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. 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, INCLUDING AMENDMENT #1.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
4. 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 IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. SEVEN (7) 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.
6. ALL WORK EFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO ENSURE 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 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.
9. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. CONTRACTOR SHALL COORDINATE WITH THE ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY (957-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY ABOQUA PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION SEVEN (7) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.

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.
- ☒ 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.

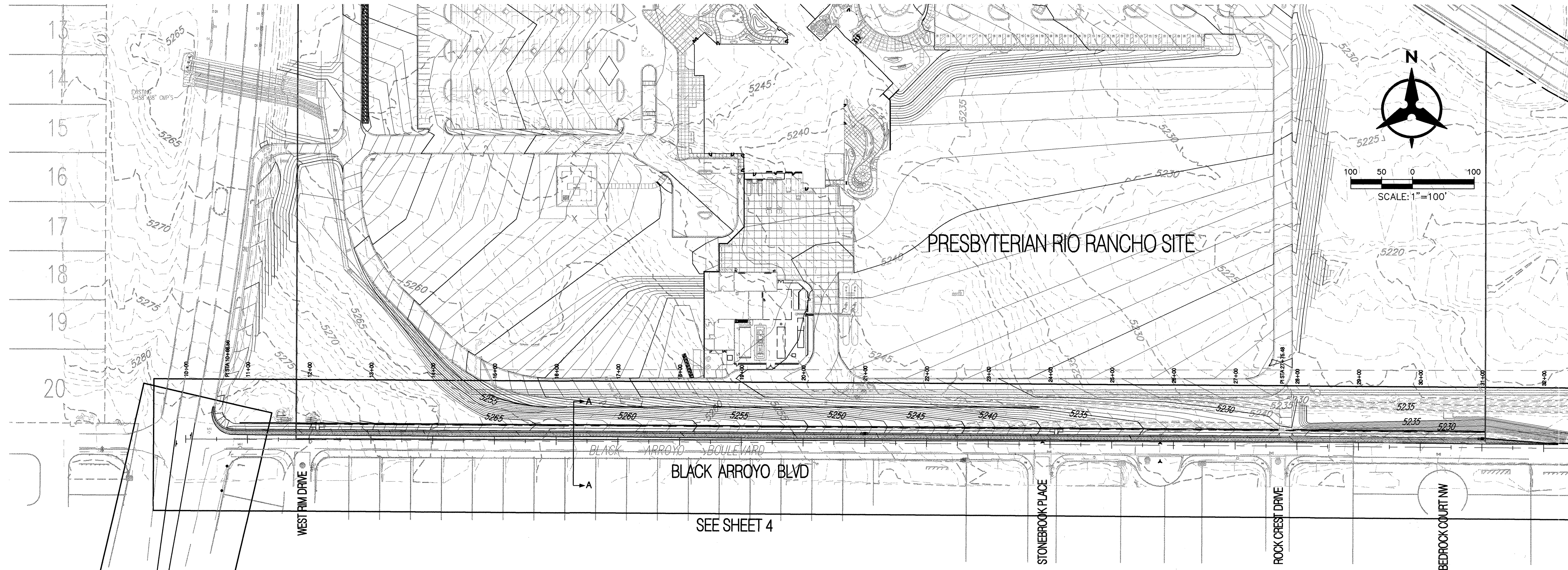
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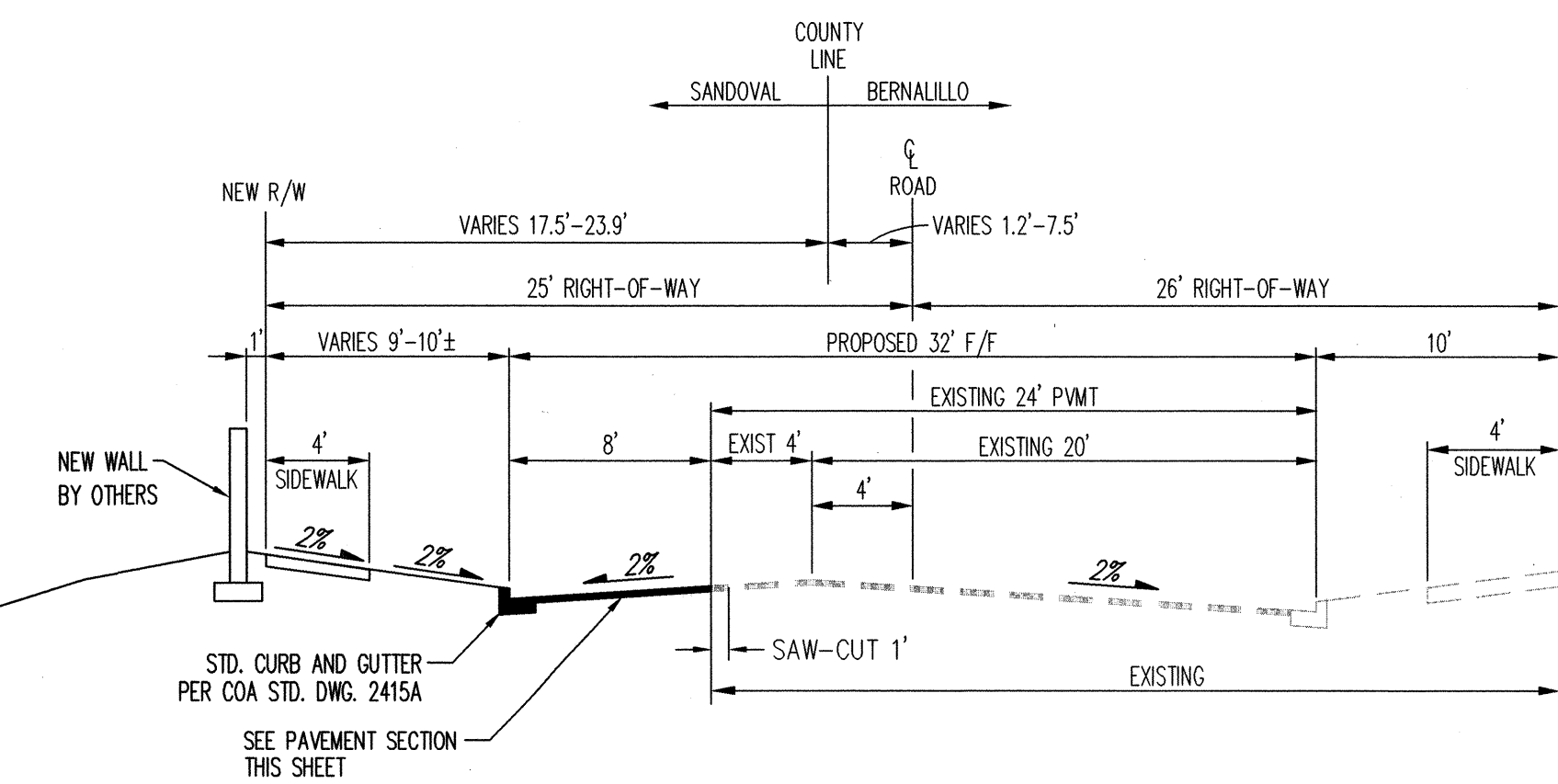
RECORD DRAWINGS

Bohannan			Huston						No.	Date	Designed By:	Checked By:	
Court yard 7800 Jefferson St NE Albuquerque, NM 87109-4395													
ENGINEERING ▴ SPATIAL DATA ▴ ADVANCED TECHNOLOGIES													
						CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT							
WIDENING BLACK ARROYO BLVD SURVEY CONTROL													
Design Review Committee			City Engineer Approval			Last Design Update		Mo./Day/Yr.		Mo./Day/Yr.			
 NOV 18 2009 DESIGN REVIEW COMMITTEE			 JUN 30 2010 CITY ENGINEER										
City Project No.			Zone Map No.			Sheet		Of					
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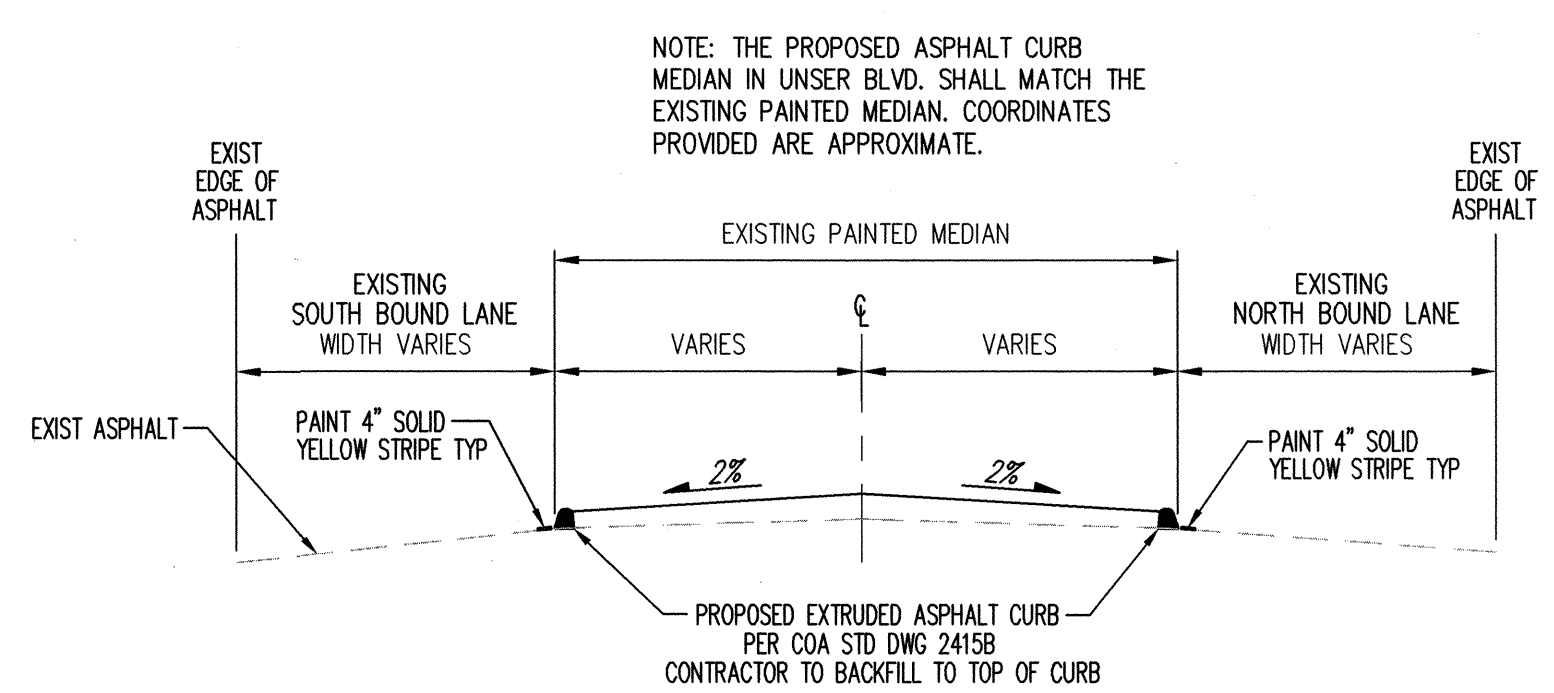


- GENERAL NOTES**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
 4. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 5. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
 6. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
 7. ANY DAMAGE TO THE EXISTING FACILITIES, (C&G), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
 8. REMOVAL OF THE EXISTING C&G SHALL BE AS PER COA STD. DWG. 2415 (SAWOUT ONLY).
 9. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
 11. MH RIMS & CATCH BASIN INLET ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT ELEVATIONS.
 12. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND TRANSMISSION GAS LINES. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED.
 13. CONTRACTOR SHALL REMOVE ALL CONFLICTING EXISTING PAVEMENT MARKINGS. ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING TO A WIDTH EQUAL TO TWICE THE WIDTH OF THE STRIPING OR MARKING TO BE REMOVED PER COA STD SPECS.

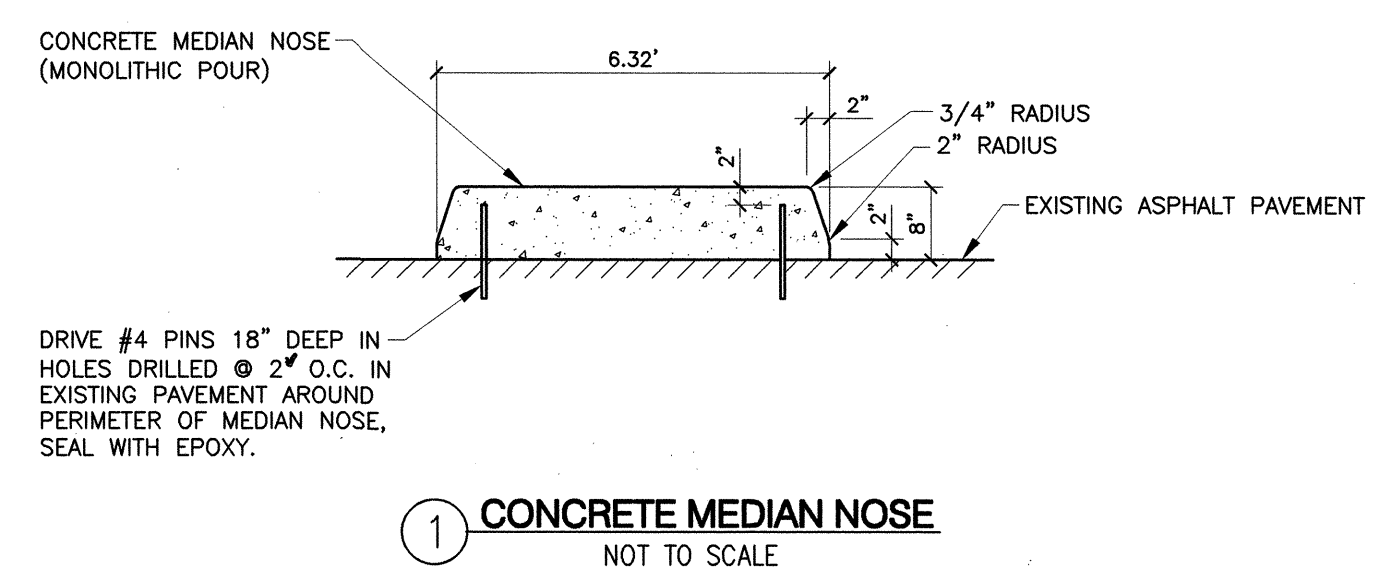
RECORD DRAWINGS



BLACK ARROYO BLVD. SECTION A-A
NOT TO SCALE

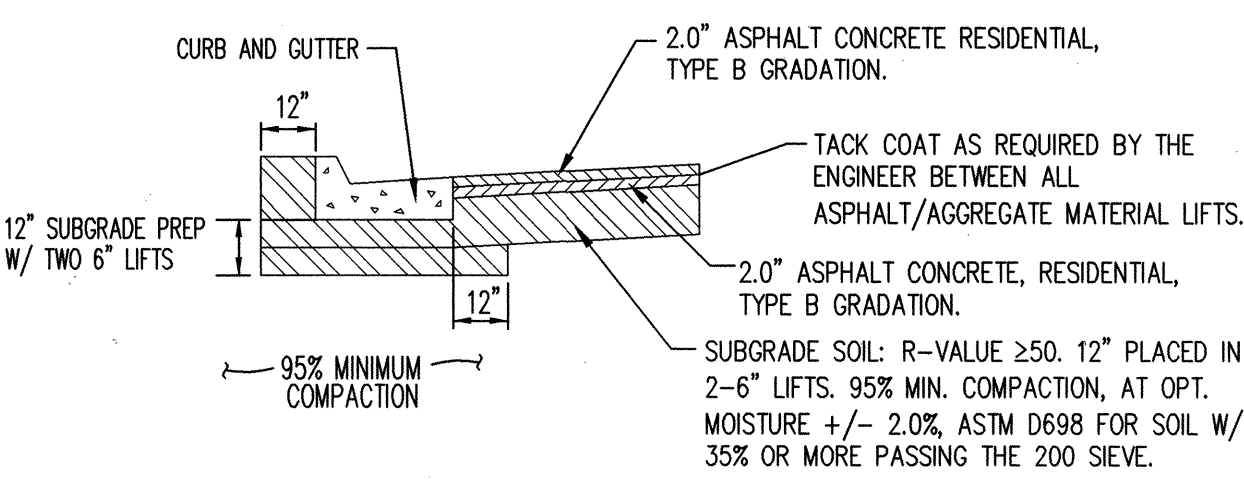


UNSER BLVD. SECTION B-B
NOT TO SCALE



1 CONCRETE MEDIAN NOSE
NOT TO SCALE

- PAVEMENT SECTION NOTES:**
1. SOIL NOT HAVING AN R-VALUE OF 250 SHALL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED BY THE CONTRACTOR WITH SUITABLE MATERIAL OR A PAVEMENT SECTION SHALL BE DESIGNED BY THE CONSULTANT ACCOMMODATING THE EXISTING R-VALUE PER COA STANDARD SPECS.
 2. FINISH SURFACES OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT THE COMPACTION MOISTURE RANGE, OR A PRIME COAT APPLIED, AS REQUIRED BY THE ENGINEER UNTIL NEXT/FINAL SURFACING IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION ARE COMPLETED.



2 BLACK ARROYO BLVD. PAVEMENT SECTION
(PER COA STD DWG 2405B)
PAVEMENT SECTION OBTAINED FROM COA PROJECT NO. 657982

AS-BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	DATE	BY	DATE	N.G.S. CONTROL SURVEY MONUMENT	DATE	BY	DATE	NO.	DATE	BY	DATE	NO.	DATE	BY	DATE
DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	NEW MEXICO STATE PLANE COORDINATES	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10
DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	CENTRAL ZONE (NAD 83) AS PUBLISHED	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10
DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	Y = 1,530,466.034	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10
DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	X = 1,505,019.995	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10
DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	ELEVATION = 5,292.311 (NGVD 29)	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10	DATE 11/10

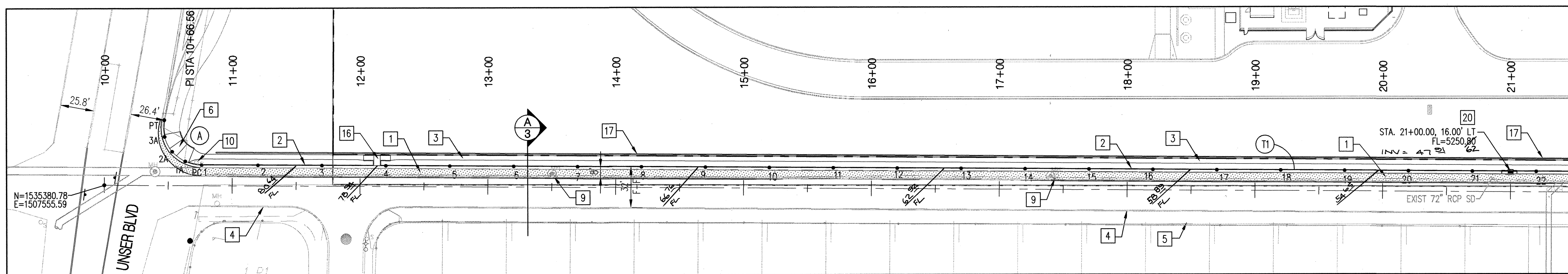
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
WIDENING BLACK ARROYO BLVD
OVERALL PAVING PLAN

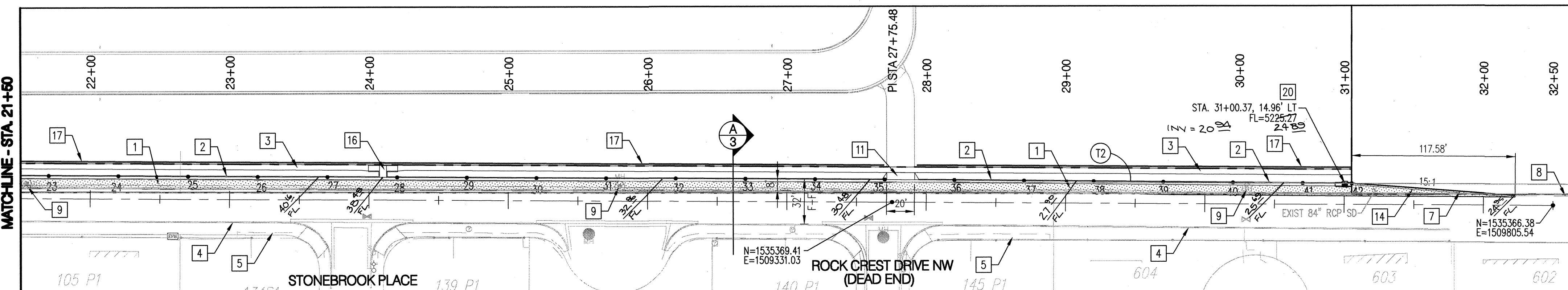
Design Review Committee
APPROVED
NOV 1 8 2009
DESIGN REVIEW COMMITTEE

City Engineer Approval
APPROVED
JUN 30 2010
CITY ENGINEER

City Project No. 677783
Zone Map No. A-11& A-12
Sheet 3 of 5



BLACK ARROYO BLVD



STATION	OFFSET	ELEVATION
10+70.16	16.00' LT	5281.06
11+20.16	16.00' LT	5280.99
11+70.16	16.00' LT	5280.24
12+20.16	16.00' LT	5278.63
12+70.16	16.00' LT	5276.29
13+20.16	16.00' LT	5273.52
13+70.16	16.00' LT	5270.75
14+20.16	16.00' LT	5268.39
14+70.16	16.00' LT	5266.63
15+20.16	16.00' LT	5265.31
15+70.17	16.00' LT	5264.26
16+20.17	16.00' LT	5263.55
16+70.17	16.00' LT	5262.60
17+20.17	16.00' LT	5261.66
17+70.17	16.00' LT	5260.67
18+20.17	16.00' LT	5259.53
18+70.17	16.00' LT	5258.17
19+20.17	16.00' LT	5256.64
19+70.17	16.00' LT	5255.32
20+20.18	16.00' LT	5253.89
20+70.18	16.00' LT	5252.06

STATION	OFFSET	ELEVATION
22+20.18	16.00' LT	5249.94
22+70.18	16.00' LT	5248.03
23+20.18	16.00' LT	5246.04
23+70.18	16.00' LT	5243.99
24+20.18	16.00' LT	5241.94
24+70.18	16.00' LT	5239.90
25+20.19	16.00' LT	5237.76
25+70.19	16.00' LT	5235.22
26+20.19	16.00' LT	5232.76
26+70.19	16.00' LT	5231.86
27+20.19	16.00' LT	5230.25
27+70.19	15.86' LT	5229.34
28+20.19	15.70' LT	5228.46
28+70.20	15.54' LT	5227.75
29+20.20	15.38' LT	5227.13
30+20.20	15.22' LT	5226.23
30+70.20	15.06' LT	5225.55
31+05.33	14.94' LT	5225.22

NOTE: FLOWLINE ELEVATIONS SHOWN FOR CURB & GUTTER SHALL BE FIELD VERIFIED AGAINST EXISTING CROSS SLOPES & TYPICAL SECTIONS PROVIDED. ANY DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.

ID	BEARING	LENGTH
T1	S89°38'00"E	1699.35'
T2	S89°27'00"E	329.83'

SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, 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 and correct to the best of my knowledge and belief.

Russ P. Hugg
NMPs No. 9750
November 9, 2010

STATION	NORTHING	EASTING
50	1535406.88	1507570.90
51	1535078.77	1507513.33
52	1534841.87	1507456.70
53	1534805.04	1507445.49
54	1534806.88	1507439.45
55	1534813.00	1507441.18
56	1535090.63	1507498.84
57	1535410.78	1507541.94

ID	RADIUS	ARC	DELTA	TANGENT
C1	2000.00'	243.72'	06°58'55"	122.01'
C2	3.16'	9.92'	180°00'00"	-----
C3	2000.00'	283.80'	08°07'49"	142.14'

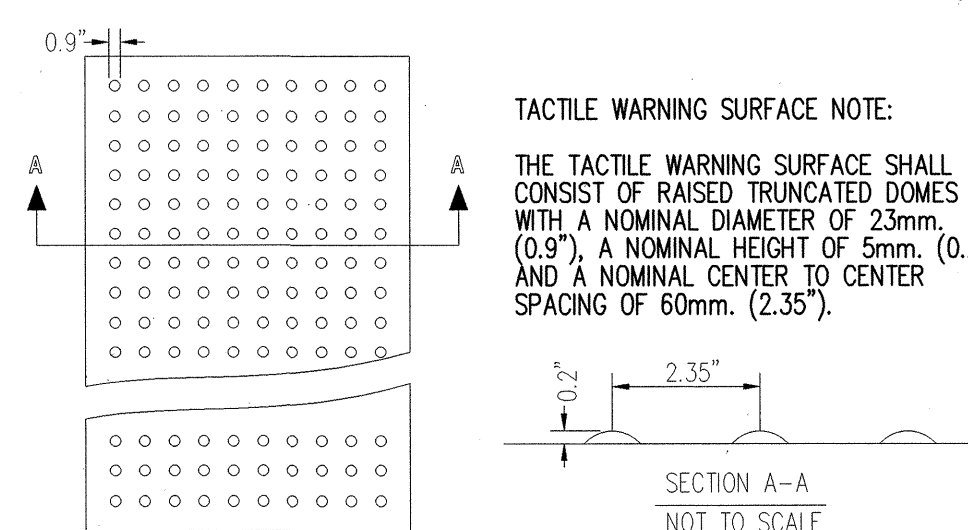
NOTE: ALL COORDINATES AND CURVE DATA ARE TO THE FACE OF CURB. ASPHALT CURB LOCATION IS APPROXIMATE. ASPHALT CURB SHALL MATCH EXISTING PAINTED MEDIAN.

CONTRACTOR SHALL INSTALL ADA TACTILE WARNING DEVICES ON NEW CURB RAMP. THE WARNING DEVICES SHALL BE CAST-IN-PLACE WITH TRUNCATED DOME TACTILE CUES. THE COLOR MUST BE SAFETY YELLOW. CONTACT THE CITY OF ALBUQUERQUE ENGINEER FOR AN APPROVED LIST OF VENDORS AND PRODUCTS. DESIGN PER ADA GUIDELINES. SUBMIT SPECIFICATIONS TO COA CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.

ADA TACTILE WARNING DEVICES

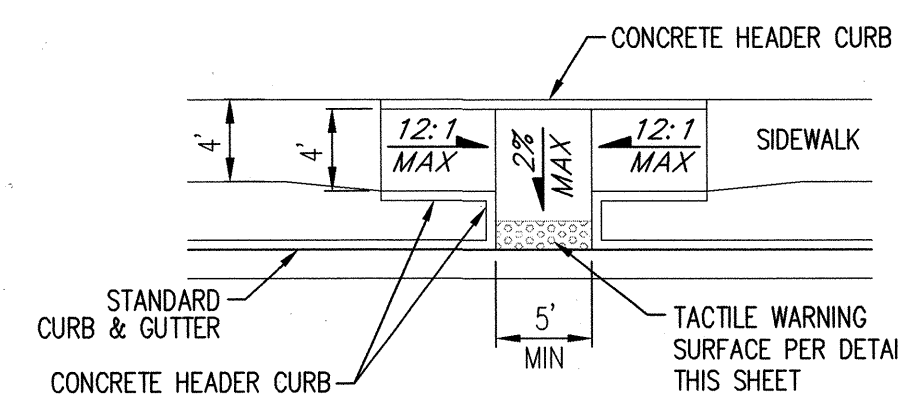
NOT TO SCALE

RECORD DRAWINGS



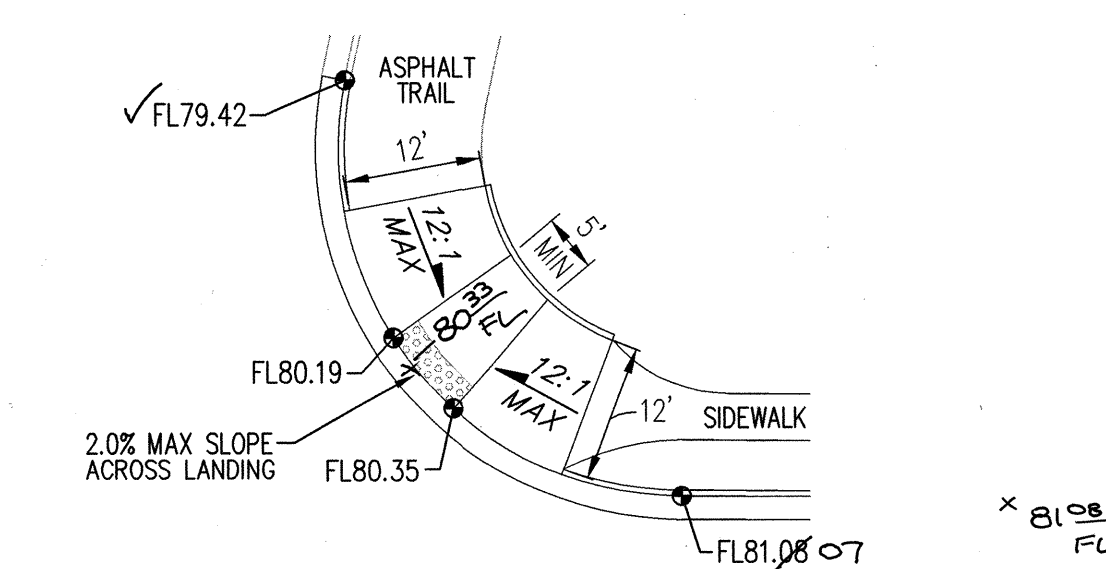
TACTILE WARNING SURFACE

NOT TO SCALE



1 CURB RAMP DETAIL

NOT TO SCALE



2 CURB RAMP DETAIL

NOT TO SCALE

GRADING NOTES

- EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN IN THESE PLANS.
- THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.
- EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.
- IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.
- THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY. THIS SHOULD BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS OR SILT FENCE AT THE PROPERTY LINES AND WETTING THE SOIL TO PROTECT IT FROM WIND EROSION.
- PAVING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS.
- VERIFY ALL ELEVATIONS SHOWN ON PLAN FROM BASIS OF ELEVATION CONTROL STATION PRIOR TO BEGINNING CONSTRUCTION.
- ALL EXISTING MANHOLES, VALVE COVERS & OTHER UTILITY APPURTENANCES WHICH ARE TO REMAIN SHALL BE ADJUSTED TO NEW GRADE AS REQUIRED.

KEYED NOTES

- BUILD 4" RESIDENTIAL PAVEMENT PER BLACK ARROYO BLVD PAVEMENT SECTION ON DETAIL 2, SHEET 3.
- BUILD STANDARD CURB AND GUTTER PER COA STD 2415A.
- BUILD 4' WIDE CONCRETE SIDEWALK PER COA STD DWG 2430.
- EXISTING CURB AND GUTTER.
- EXISTING SIDEWALK.
- BUILD CURB RAMP PER COA STD DWG 2441 (CASE II) AND DETAIL 2 THIS SHEET, WITH ADA TACTILE WARNING DEVICES PER DETAIL THIS SHEET.
- BUILD ASPHALT CURB PER COA STD DWG 2415B.
- EXISTING EDGE OF ASPHALT.
- ADJUST EXISTING MANHOLE TO GRADE.
- EXISTING SIGN TO REMAIN.
- BUILD 20' WIDE DRIVE PAD PER COA STD DWG 2425 STARTING AT STA. 27+71.55.
- CONCRETE MEDIAN NOSE, SEE DETAIL 1, SHEET 3. PAINT FACE OF MEDIAN NOSE YELLOW FROM THE PC TO THE PT.
- INSTALL NEW SIGN.
- PAINT 4" WIDE SOLID WHITE STRIPE ALONG ASPHALT CURB.
- PAINT 4" WIDE SOLID YELLOW STRIPE ALONG ASPHALT CURB.
- BUILD CURB RAMP PER DETAIL 1 THIS SHEET, WITH ADA TACTILE WARNING DEVICES PER DETAIL THIS SHEET.
- WALL TO BE CONSTRUCTED BY OTHERS.
- MATCH EXISTING MEDIAN CURB.
- BUILD MEDIAN CURB FROM PC TO PT PER COA STD DWG 2415B.
- BUILD TYPE "C" SINGLE GRATE STORM INLET PER COA STD DWG 2205. CONNECT TO EXISTING RCP STORM DRAIN WITH 12" CLASS III RCP. SEE SHEET 5 FOR PROFILE & CONNECTION DETAIL.

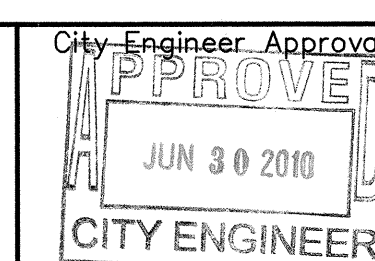
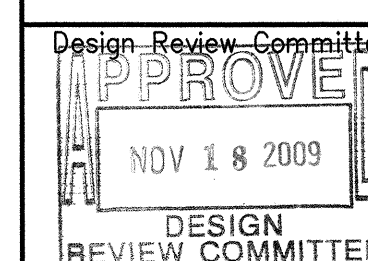
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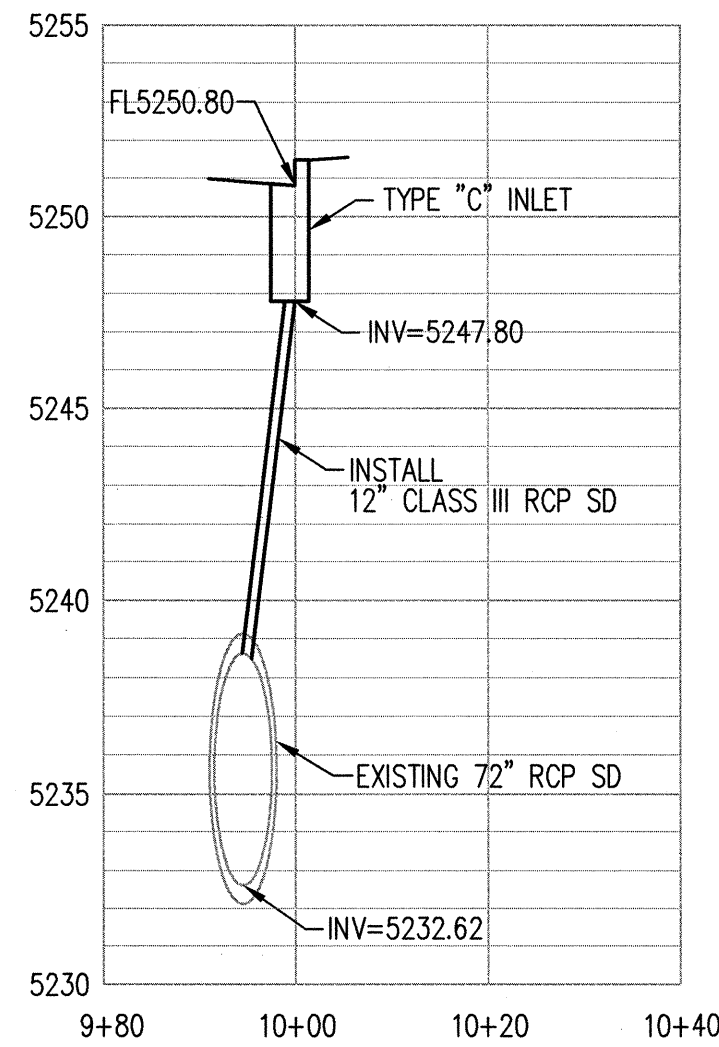


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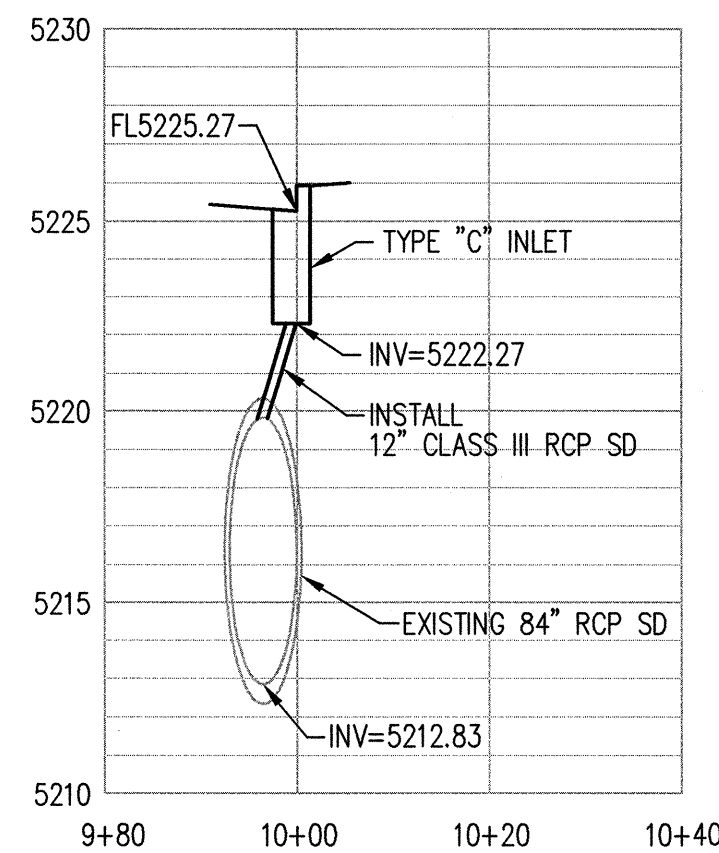
**WIDENING BLACK ARROYO BLVD
BLACK ARROYO BLVD & UNSER BLVD PAVING PLAN**



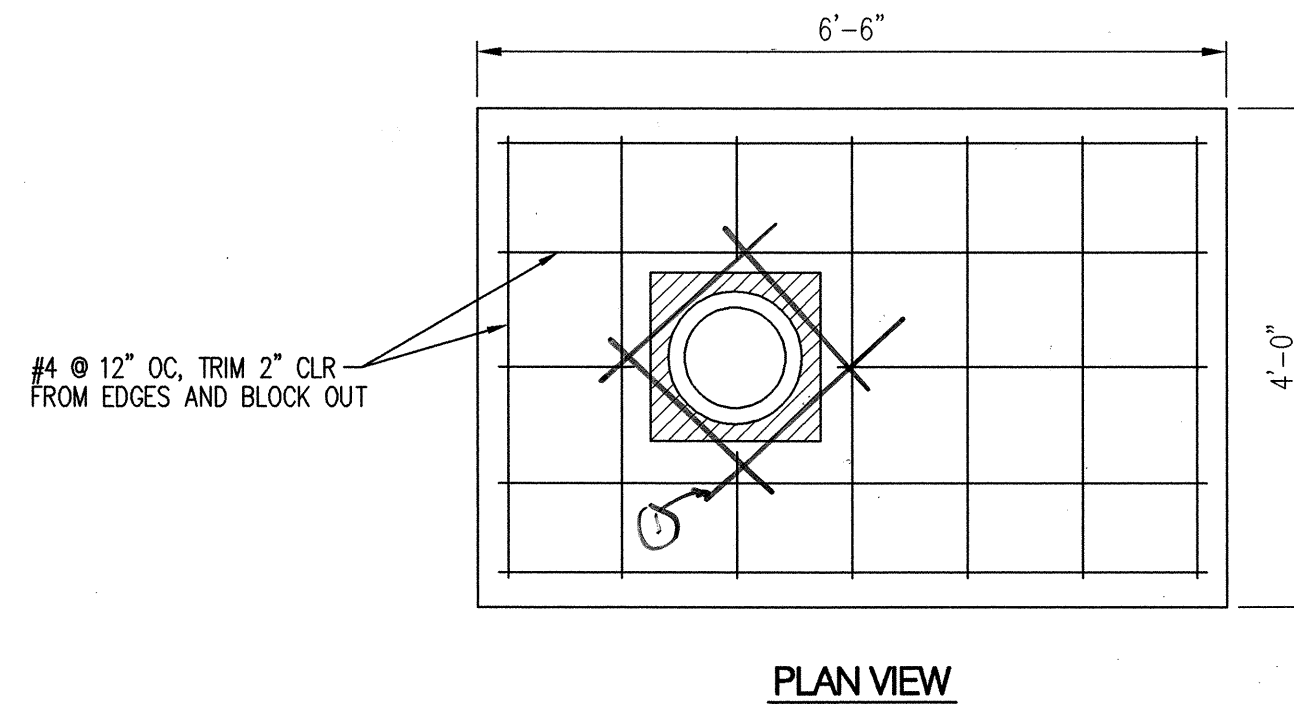
City Project No. 677783 Zone Map No. A-11& A-12 Sheet 4 Of 5



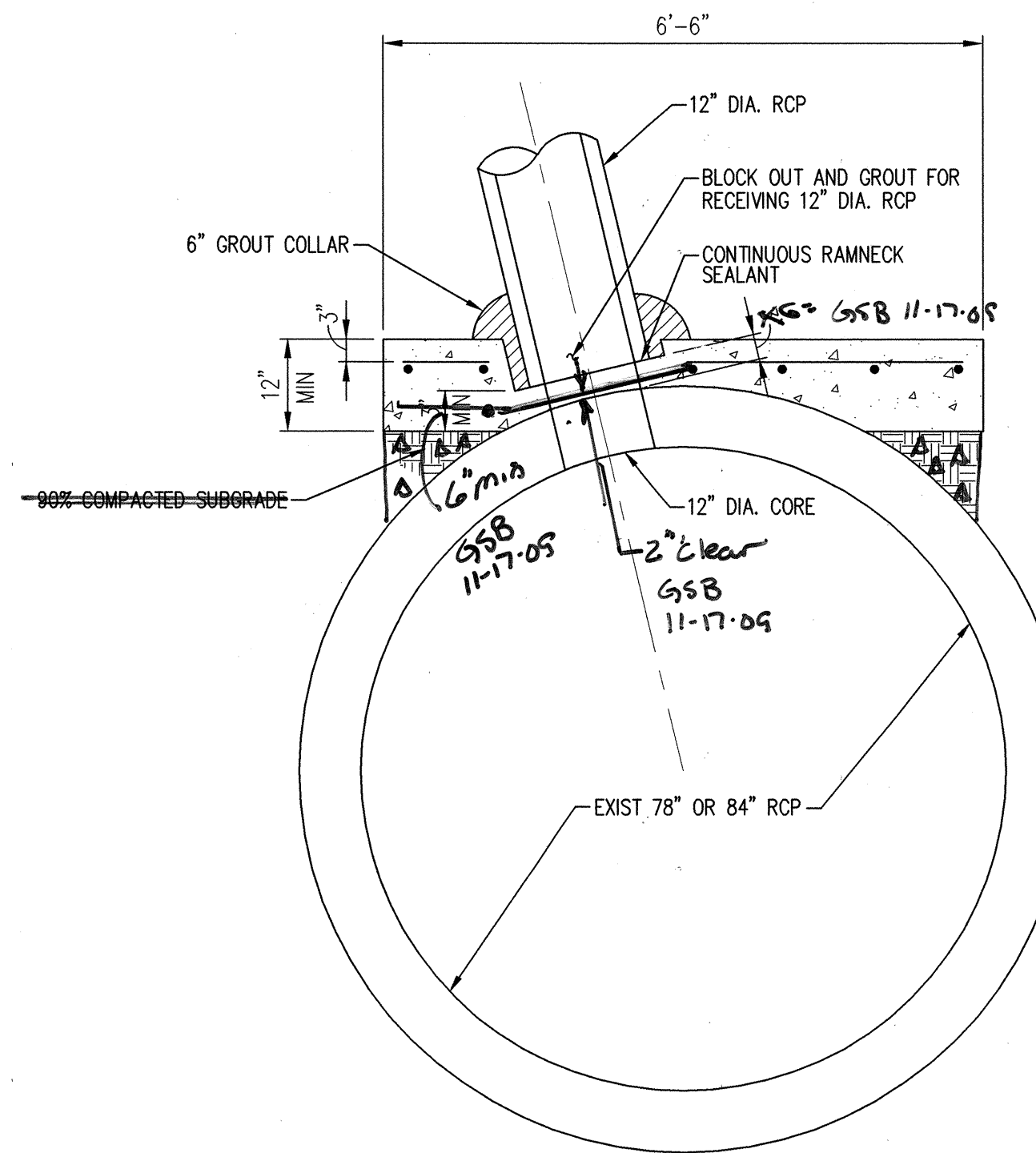
TYPE 'C' INLET @ STA. 21+00



TYPE 'C' INLET @ STA. 31+00.37



① 4-#4 x 24' long - GSB 11-17-09



① RCP CONNECTION DETAIL
NOT TO SCALE

RECORD DRAWINGS

Bohannon & Huston
Court yard | 7600 Jefferson St. NE Albuquerque, NM 87109-4335
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

WIDENING BLACK ARROYO BLVD
STORM DRAIN PROFILES



Last Design Update

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

City Project No. 677783 Zone Map No. A-11& A-12 Sheet 5 Of 5