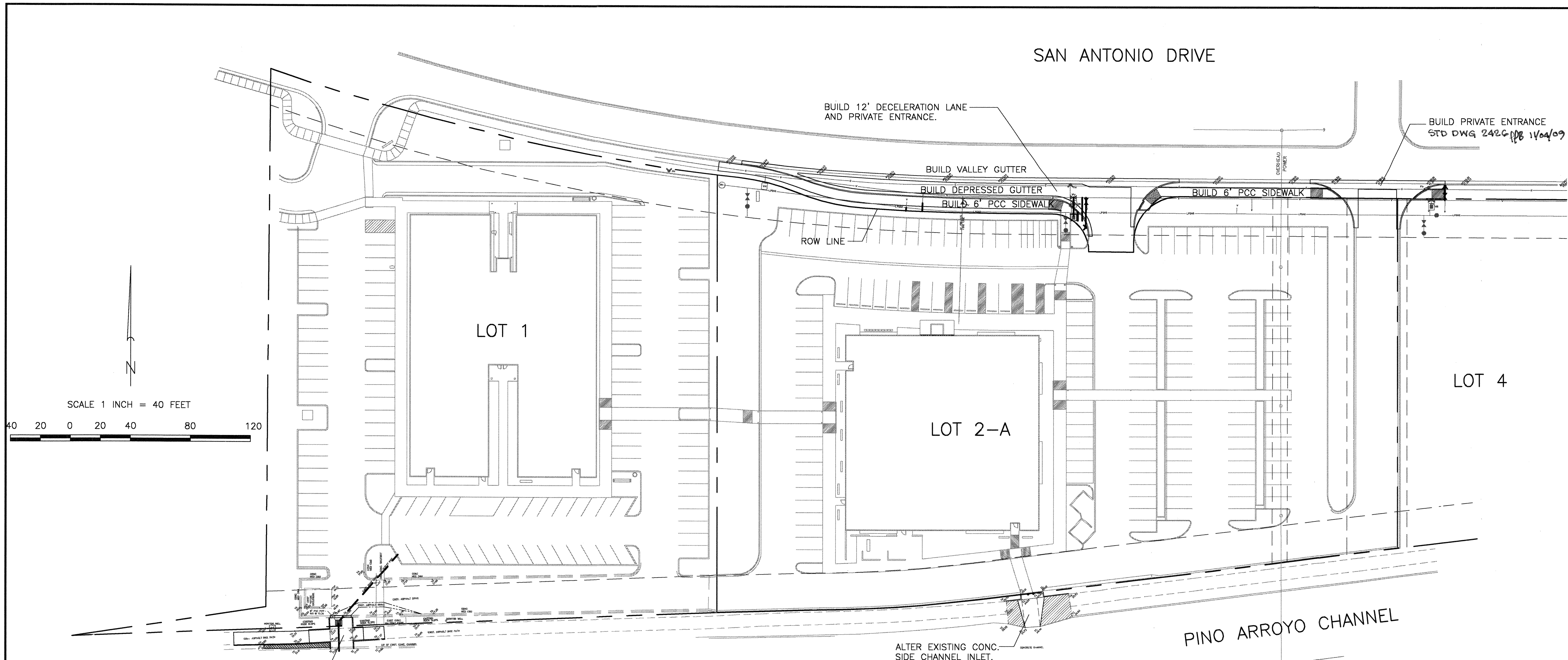


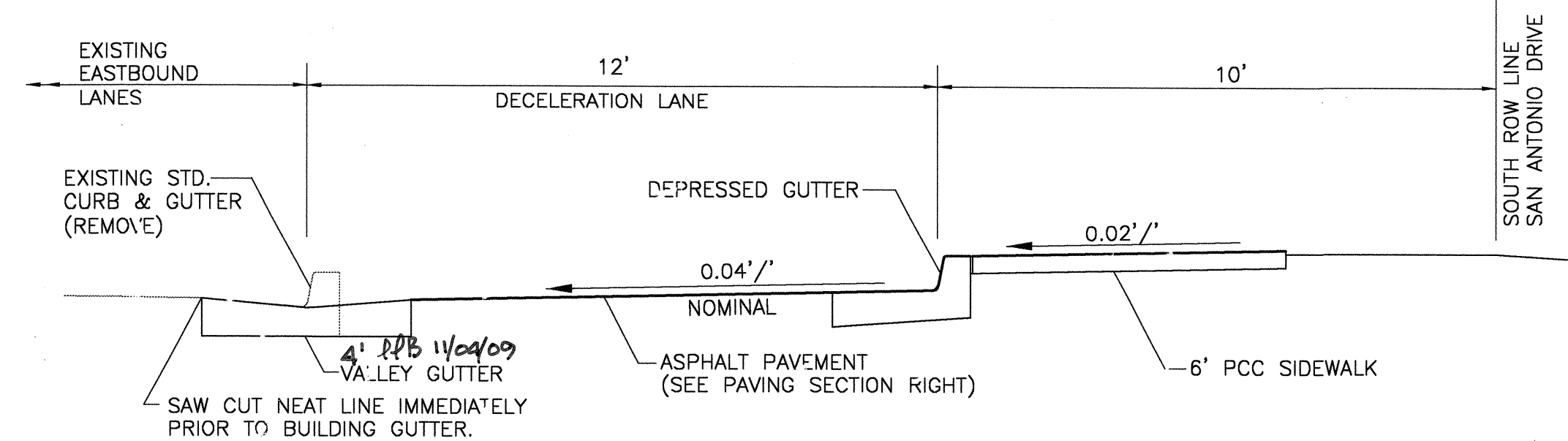
REV.	SHEETS	CITY ENGR.	DATE	USER DEPT.	DATE	USER DEPT.	DATE	
		APPROVAL	ENGINEER	DATE				
		DRC CHAIRMAN	<i>M. Cardall</i>	<i>12-2-09</i>	APPROVED FOR CONSTRUCTION  ENGINEER DATE			
		TRANSPORTATION	<i>[Signature]</i>	<i>1-28-09</i>				
		WATER/WASTEWATER	<i>[Signature]</i>	<i>11-4-09</i>				
		HYDROLOGY	<i>Linda S. Chan</i>	<i>11-4-09</i>				
		ENVIRONMENTAL HEALTH	<i>Jungmin Kim</i>	<i>11-5-09</i>				
	CONSTR. MNGMT.							
	CONSTR. COORD.							
CITY PROJECT NO. 735184					SHEET OF			
					1	6		



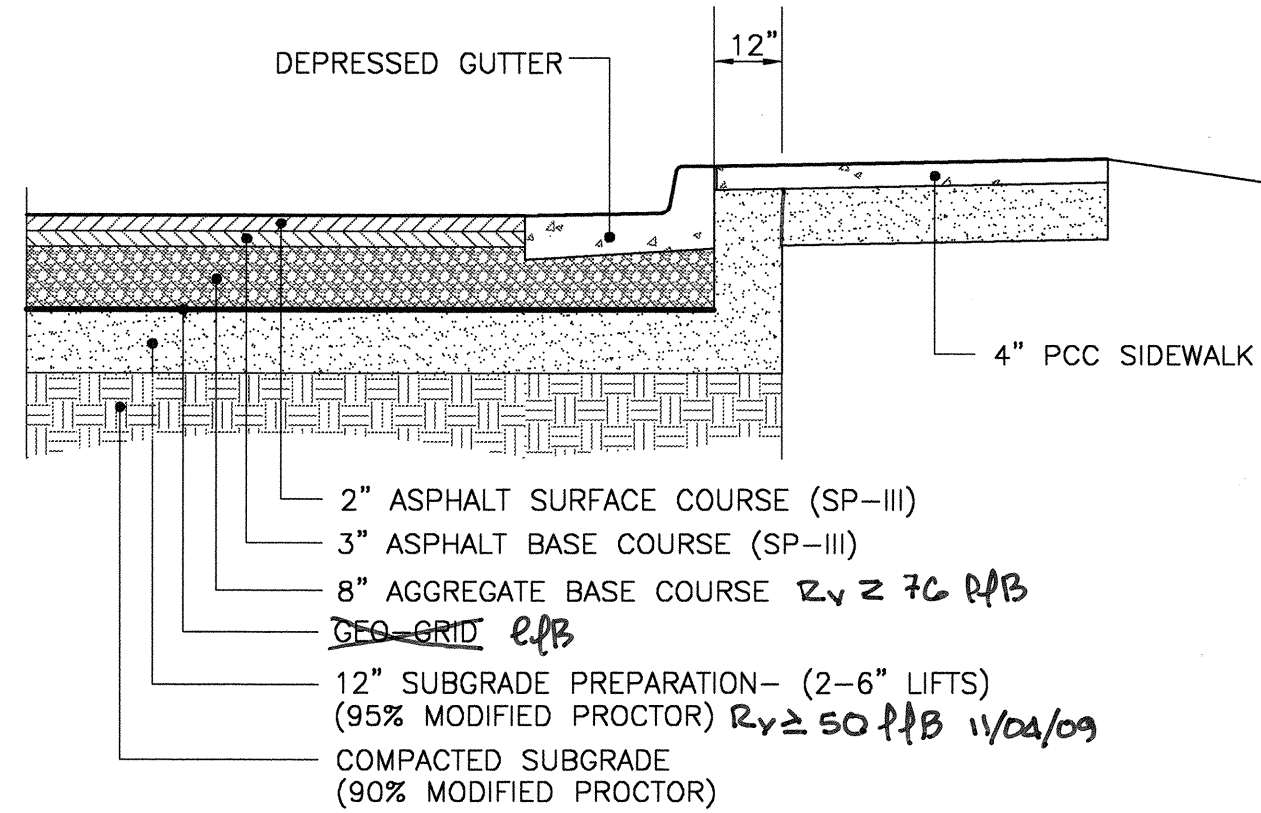
BUILD NEW CONC. SIDE CHANNEL
INLET, TYPE SGL. 'D' CATCH BASIN,
w/ 6\"/>

ALTER EXISTING CONC.
SIDE CHANNEL INLET.

PINO ARROYO CHANNEL



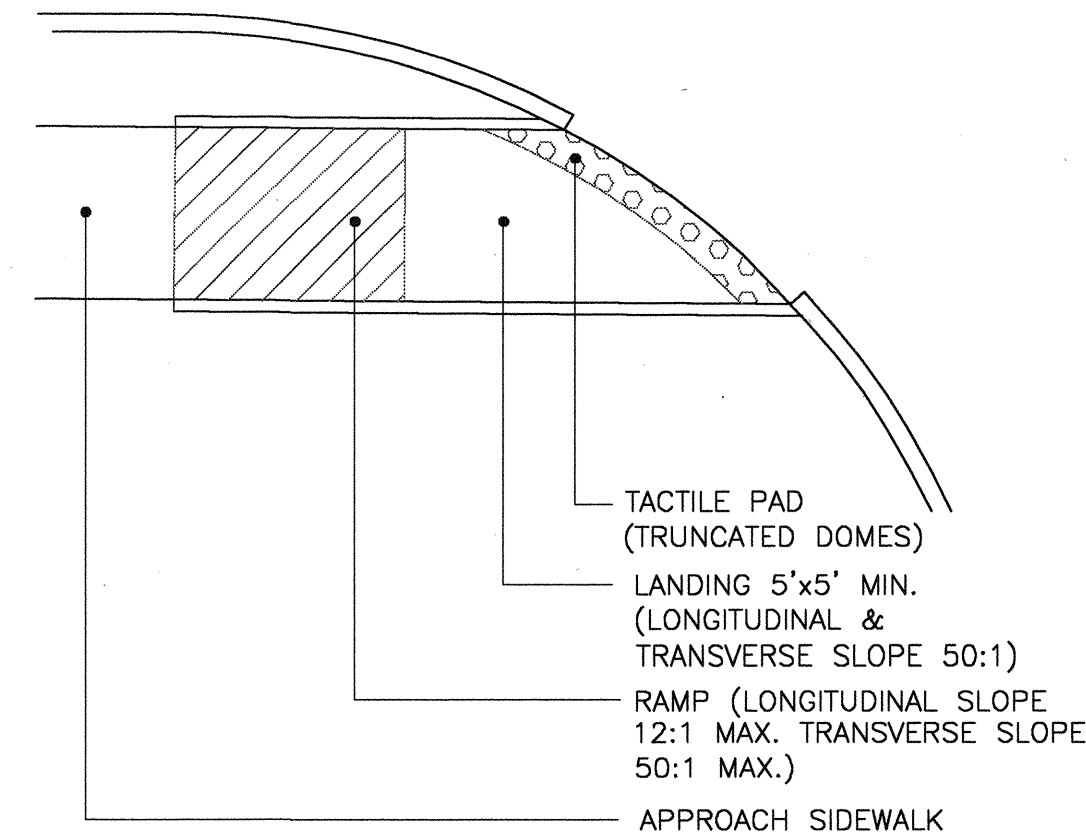
DECELERATION LANE SECTION
N.T.S.



NOTE:
SUBGRADE MATERIAL WITHIN 2 FEET OF THE
SURFACE SHALL HAVE AN R VALUE IN EXCESS
OF 50.

TYPICAL PAVING SECTION
N.T.S.

PAVING SECTION DESIGN PER CITY OF
ALBUQUERQUE PROJECT NO. 3533.



NOTES:
1. DESIGN PER ADA GUIDELINES.
2. SUBMIT SPECIFICATIONS OF PROPOSED
PRODUCT TO CONSTRUCTION ENGINEER
FOR EVALUATION PRIOR TO CONSTRUCTION.

TYPICAL HC RAMP
N.T.S.

LEGEND

TBM	TEMPORARY BENCHMARK
FF	FINISH FLOOR
FG	FINISH GRADE
FL	FLOWLINE
TA	TOP OF ASPHALT
TCP	TOP OF CONCRETE
TC	TOP OF CURB
TP	TOP OF EARTH PAD
TS	TOP OF SIDEWALK
TW	TOP OF WALL
FH	FIRE HYDRANT
WM	WATER METER
WV	WATER VALVE
MH	MANHOLE
CB	CATCH BASIN GRATE
GM	GAS METER
GV	GAS VALVE
LP	LIGHT POLE
PP	POWER POLE
LPSAS	LOW PRESS. SANITARY SEWER
W	WATER
G	GAS
V	VENT

RECORD DRAWING

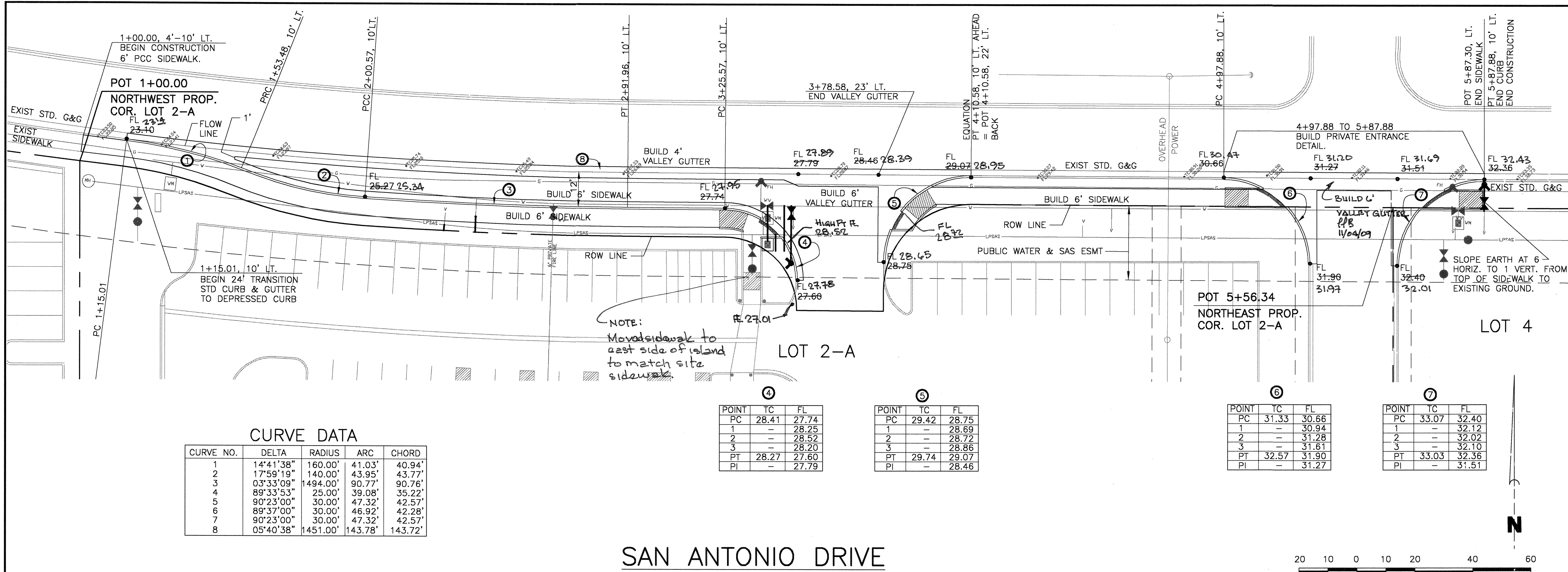
XXXX	EXISTING SPOT ELEVATION
XX.XX	PROPOSED SPOT ELEVATION
XX.XX	RECORD SPOT ELEVATION
-----LPSAS-----	EXISTING FACILITIES

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP

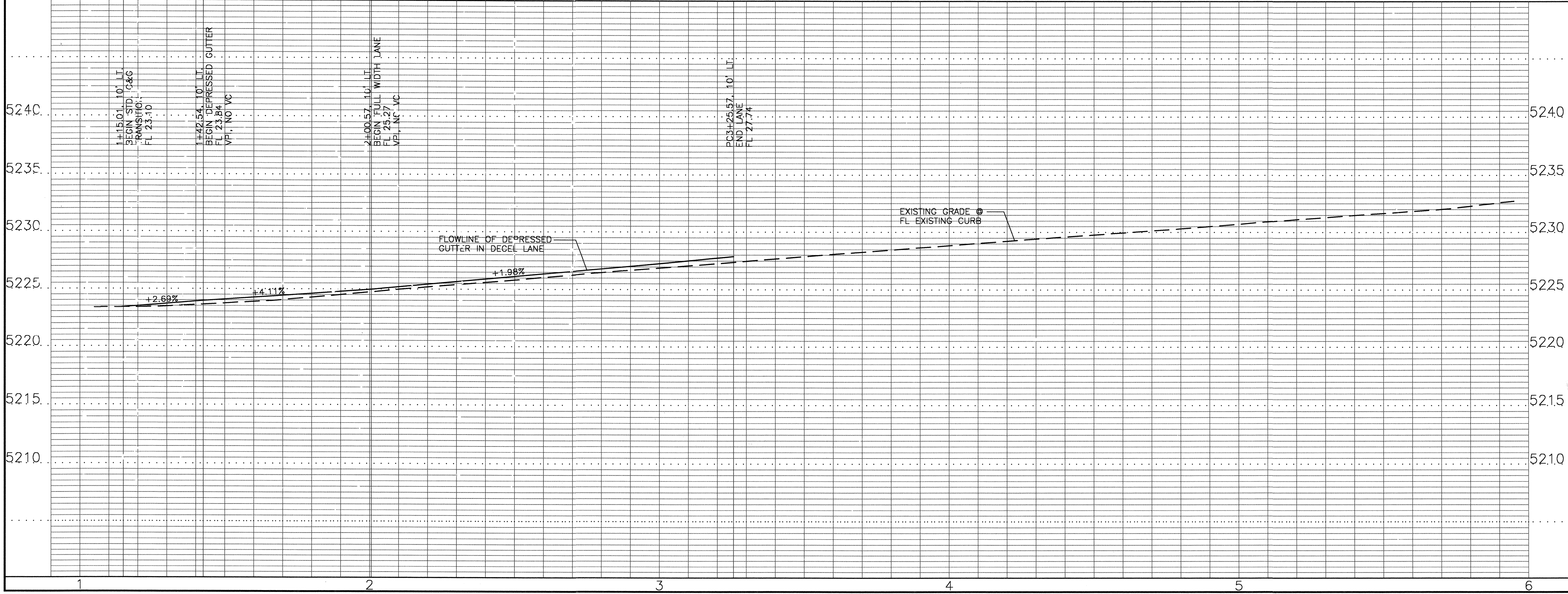
TITLE PROJECT LAYOUT

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO/DAY/YEAR	MO/DAY/YEAR
APPROVED DEC 02 2009 DESIGN REVIEW COMMITTEE	APPROVED CITY ENGINEER		
CITY PROJECT NO. 735184	ZONE MAP NO. E-18	SHEET 3	OF 6

ENGINEER'S SEAL		CONTRACT INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	REMARKS	BY	FIELD NOTES		NO.	DATE
				11/07	BY		
DESIGNED BY BORDENAVE DESIGNS		DATE 08/09		1 3/4" ALUMINUM DISK IN THE TOP OF TRAFFIC LIGHT		ELC.: 5266.765 (NGVD 29)	
DRAWN BY METO		DATE 08/09		BASE IN THE SSW QUADRANT OF SAN PEDRO DR. AND		1 3/4" ALUMINUM DISK IN THE TOP OF TRAFFIC LIGHT	
CHECKED BY JUB		DATE 09/09		SAN ANTONIO DR. NE ON THE SOUTHEAST CORNER OF		INSPECTOR'S	
				THE BASE AND STAMPED ACS BM, 18-E-18.		FIELD	
						DATE	
						VERIFICATION BY Bordenave Date: 9/24/10	
						CORRECTED BY Bordenave Date: 10/6/10	
						MICRO-FILM INFORMATION	
						RECORDED BY	
						DATE	
						NO.	



- NOTES**
- SEE SHEET 2 FOR PLAT DIMENSIONS.
 - SEE SHEET 3 FOR PAVING LAYOUT PLAN (OVERALL STREET PLAN) AND TYPICAL STREET SECTIONS INCLUDING RELATIONSHIP TO RIGHT-OF-WAY LINES.
 - STATIONING IS ALONG THE SOUTH ROW LINE OF SAN ANTONIO DRIVE. OFFSETS ARE MEASURED PERPENDICULAR TO THE ROW LINE.
 - ALL PAVING DIMENSIONS ARE MEASURED TO THEORETICAL FACE OF CURB UNLESS OTHERWISE STATED.
 - STANDARD DRAWINGS
 - CURB AND GUTTER - 2415A, 2415B
 - PRIVATE ENTRANCE - 2428
 - VALLEY GUTTER - 2420
 - SIDEWALK - 2430
 - 4' VALLEY GUTTER - 2421



AS BUILT INFORMATION

CONTRACTOR	DATE	BY
STAB PAVING	08/09	DATE

BENCH MARKS

MARK	ELEV.	DATE
ACS 18-E18	5266.765	11/04/09

SURVEY INFORMATION

NO.	DATE	BY
8110507/BASLINE FIELD SERV	11/07	DATE

ENGINEER'S SEAL

PROFESSIONAL ENGINEER
NO. 5110
NEW MEXICO
BORDENAVE

RECORD DRAWING

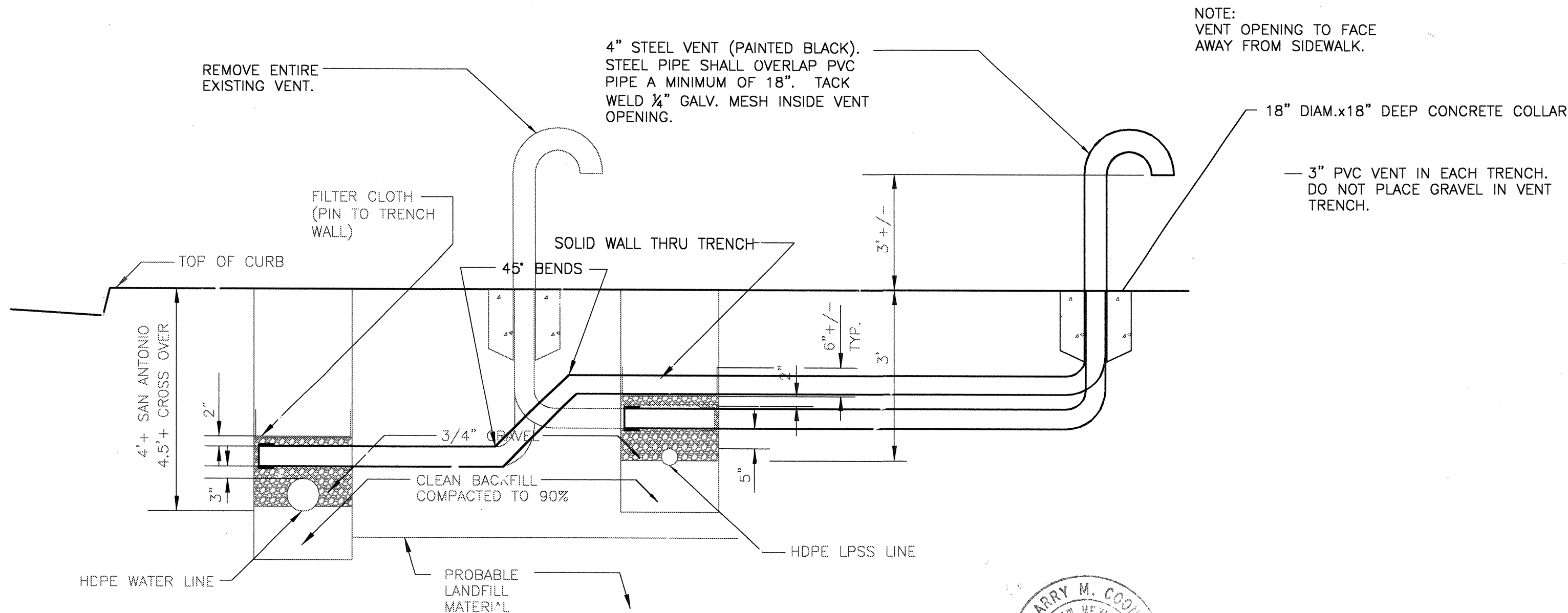
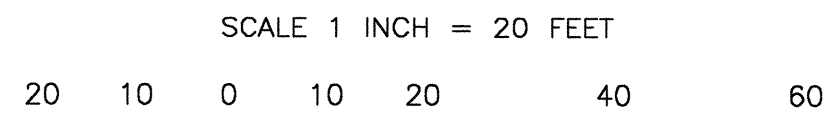
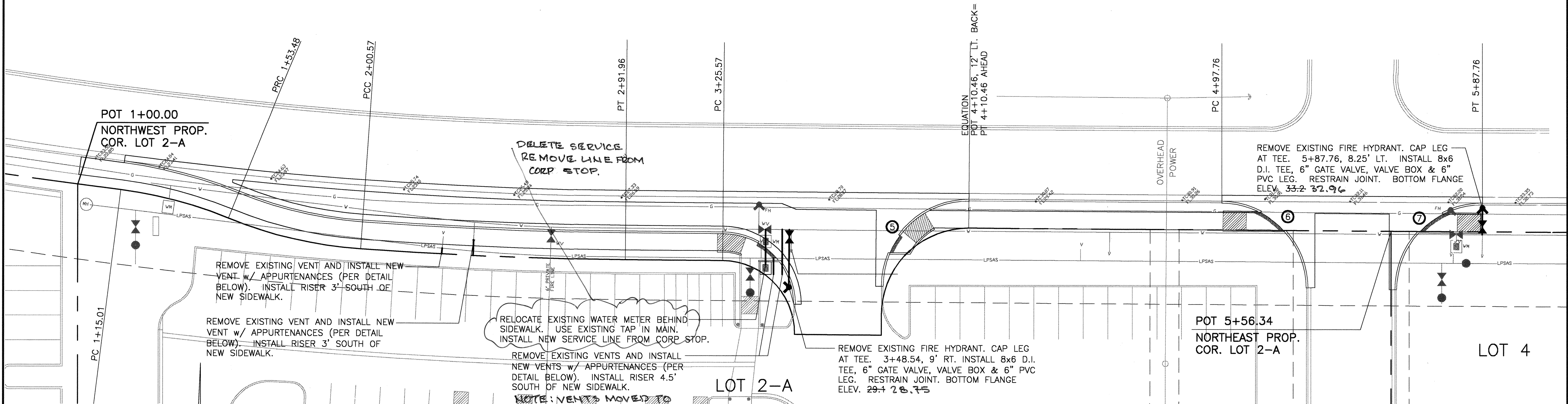
**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP**

TITLE
SAN ANTONIO DR.
STREET PLAN AND PROFILE

DESIGN REVIEW COMMITTEE
APPROVED
DEC 02 2009
DESIGN REVIEW COMMITTEE

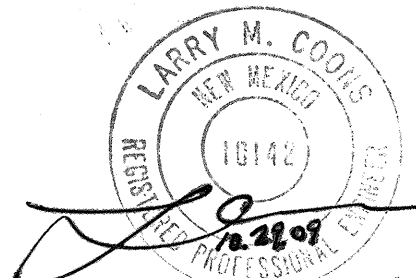
CITY ENGINEER
APPROVED
CITY ENGINEER

PROJECT NO. 735184
ZONE MAP NO. E-18
SHEET 4 OF 6

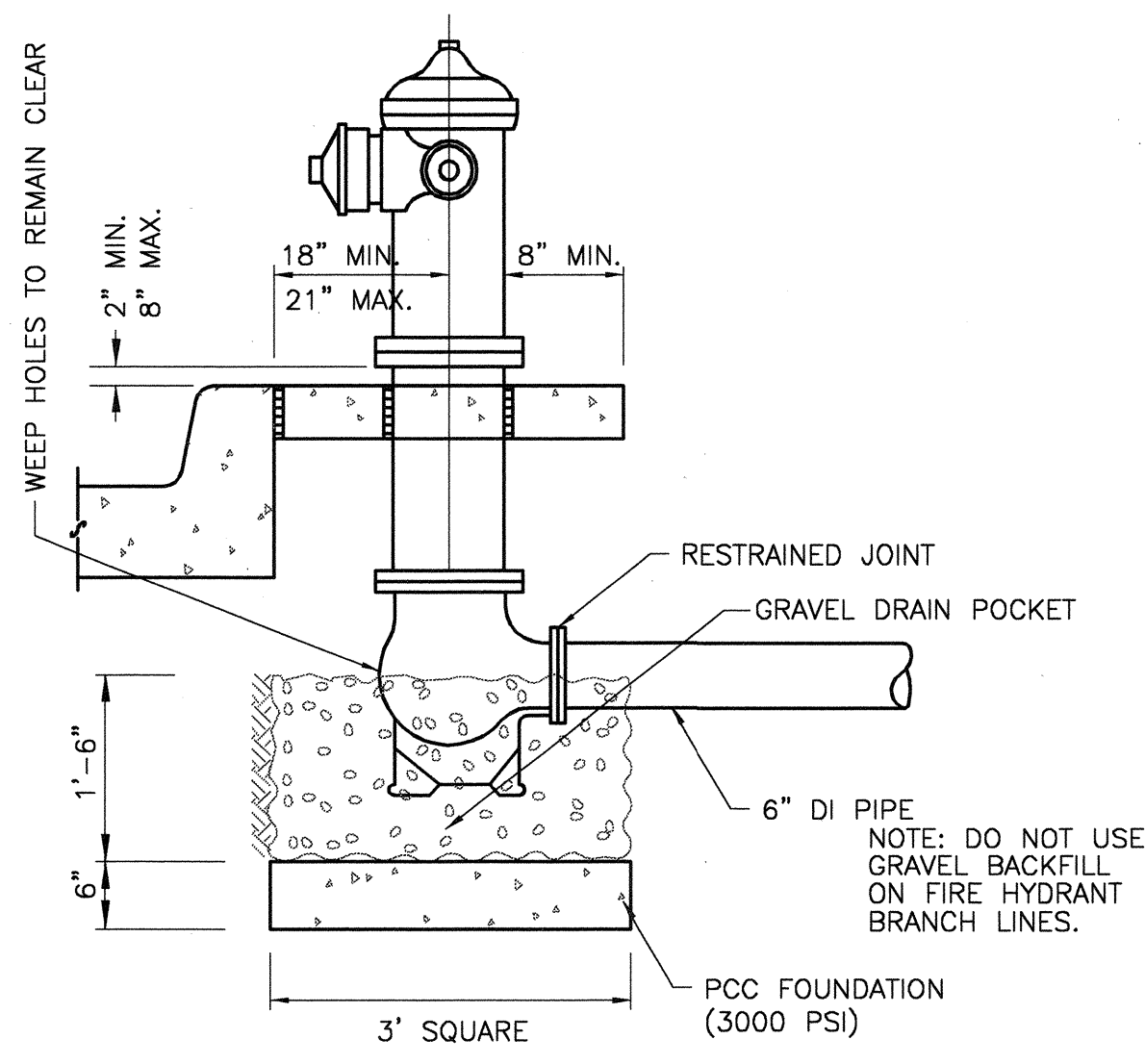


- NOTES:**
- APPROXIMATE DEPTH TO TOP OF LANDFILL MATERIAL IS 5'.
 - HORIZONTAL PORTION OF VENT PIPE SHALL BE PERFORATED (1/2" HOLES) WITHIN TRENCH PRISM AND SOLID WALLED WHEN PERPENDICULAR OR VERTICAL TO TRENCHES. PERFORATIONS SHALL BE AT 90° LOCATIONS AND STAGGERED AT 4" SPACING ALONG PIPE.
 - 3/4" GRAVEL SHALL BE CLEAN, UNCRUSHED, RIVER RUN STONE (NON-LIMESTONE). FILTER CLOTH SHALL BE MIRAFI 140N OR APPROVED EQUAL AND SHALL BE PINNED TO TRENCH WALLS AT NO MORE THAN 12" SPACING.
 - RELOCATE VENTS PER DIMENSIONS SHOWN ON LAYOUT.

TYPICAL TRENCHES & VENTS IN LANDFILL
N.T.S.



FOR LOCATION AND DETAIL
OF VENTS, ONLY



ROTATE FIRE HYDRANTS TO FACE CURB

FIRE HYDRANT DETAIL
N.T.S.

NOTES

- SEE SHEET 2 FOR PLAT DIMENSIONS.
- SEE SHEET 3 FOR PROJECT LAYOUT PLAN.
- STATIONING IS ALONG THE CONSTRUCTION CENTERLINE. OFFSETS ARE MEASURED PERPENDICULAR TO THE CONSTRUCTION CENTERLINE.
- ALL UTILITY DIMENSIONS ARE MEASURED TO CENTER OF PIPE HORIZONTALLY AND EITHER TOP OF PIPE FOR PRESSURE FLOW LINES OR INVERT OF PIPE FOR GRAVITY FLOW LINES UNLESS OTHERWISE STATED.

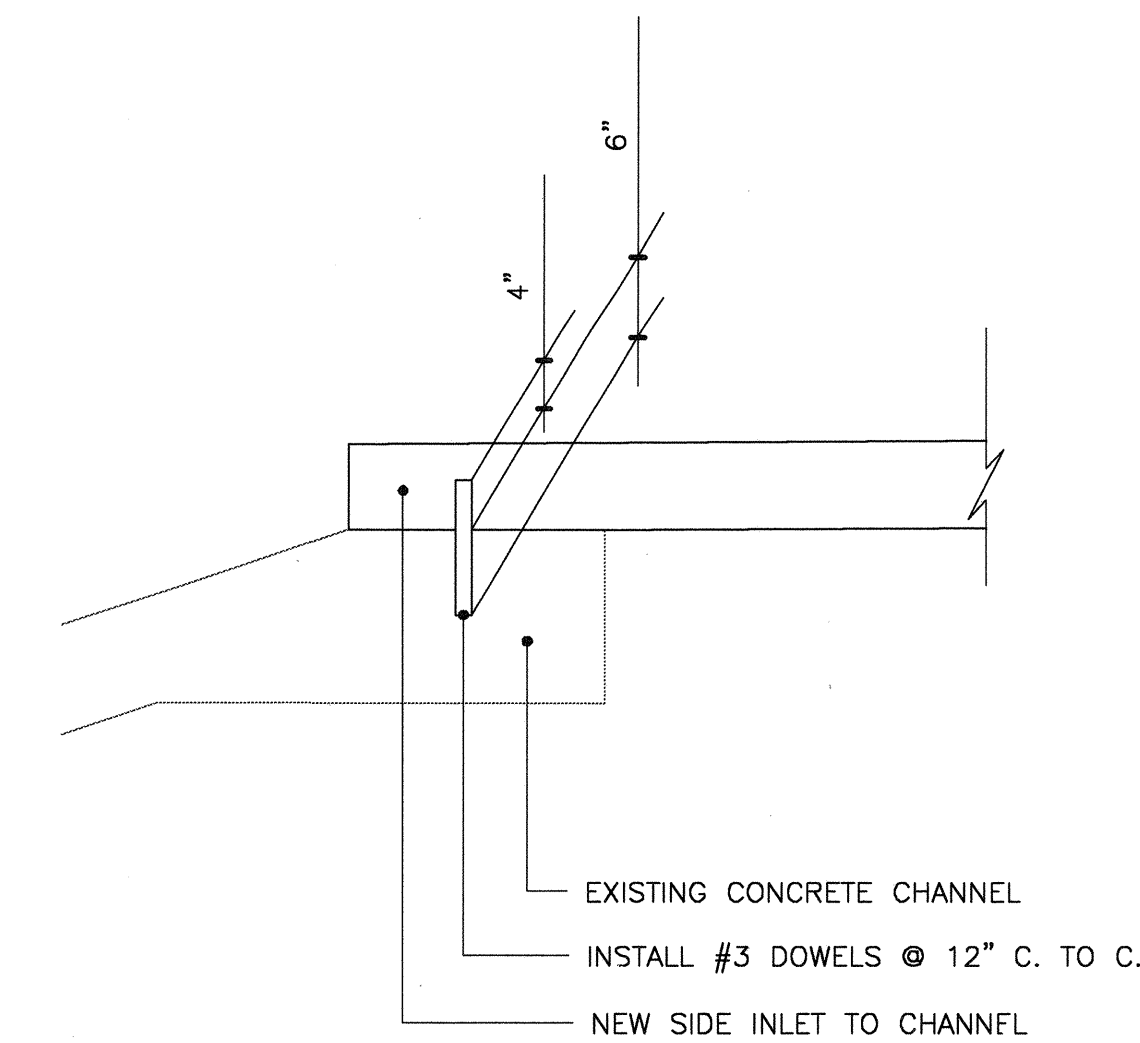
WATER VALVE BOX -2326, 2328
SERVICE LINES 1 1/2"-2" METER -2361, 2363, 2367

AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	SUN STATE MECHANICAL	WORK STAGED BY	DATE 02/10/10	CONTRACTOR	SUN STATE MECHANICAL	WORK STAGED BY	DATE 02/10/10	NO.	BY	DATE	FIELD NOTES	NO.	BY	DATE	FIELD NOTES
ACCEPTANCE BY	DATE	ACCEPTANCE BY	DATE	1 3/4" ALUMINUM DISK IN THE TOP OF TRAFFIC LIGHT	ELEV. 5286.765 (NGVD 29)	1 3/4" ALUMINUM DISK IN THE TOP OF TRAFFIC LIGHT	ELEV. 5286.765 (NGVD 29)	BT10507/BASELINE FIELD SERV	11/07						
REVISIONS	DATE	REVISIONS	DATE	SAN ANTONIO DR. NE ON THE SOUTHEAST CORNER OF		SAN ANTONIO DR. NE ON THE SOUTHEAST CORNER OF									
CITY ENGINEER	DATE	CITY ENGINEER	DATE	THE BASE AND STAMPED ACS BM. 18-E18.		THE BASE AND STAMPED ACS BM. 18-E18.									
RECORDED BY	DATE	RECORDED BY	DATE												

RECORD DRAWING

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE SAN ANTONIO DR. WATER & VENTS PLAN			
DESIGN REVIEW COMMITTEE	ENGINEER REVIEW & APPROVAL	MO/DAY/YEAR	MO/DAY/YEAR
APPROVED DEC 02 2009 DESIGN REVIEW COMMITTEE	APPROVED CITY ENGINEER		
PROJECT NO. 735184	ZONE MAP NO. E-18	SHEET 5	OF 6

11



SCALE 1 INCH = 10 FEET

10 5 0 5 10 20 30

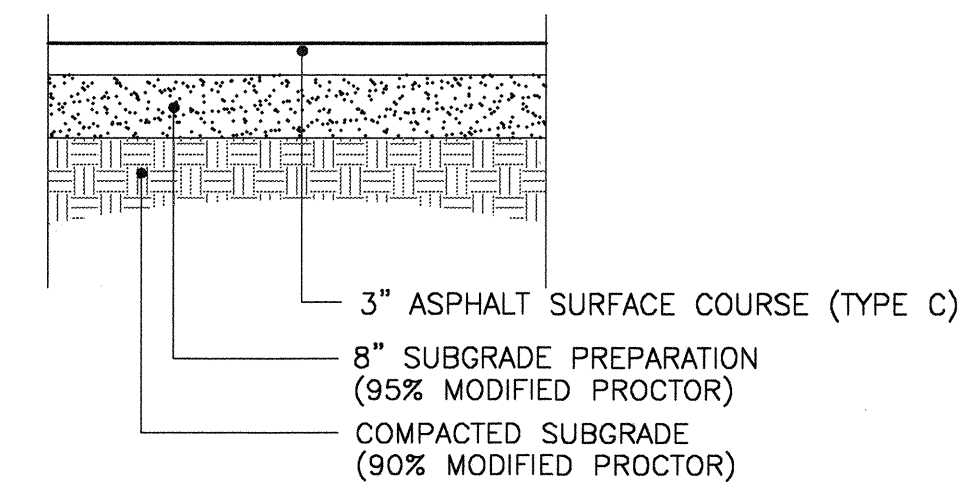
NOTE: SEE DOWELING DETAIL AT RIGHT

REMOVE EXISTING ASPHALT BIKE PATH.
REPLACE WITH REGRADED ASPHALT BIKE
PATH AND CONC. CURB PER GRADES SHOWN.

PLACE 4" CONCRETE PAVEMENT ON HATCHED AREA. TOP OF PAVING TO MATCH TOP OF CHANNEL LINING ON SOUTH EDGE AND BE 3" BELOW TOP OF CURB ON NORTH EDGE.

REMOVE EXISTING ASPHALT BIKE PATH.
REPLACE WITH CONCRETE INLET AND
CONC. CURB PER GRADES SHOWN.

CORE 5" HORIZ. HOLE IN SIDE OF EXISTING CONC. CHANNEL. INSTALL 6" PVC PIPE FROM CATCH BASIN OUTLET THRU BORED HOLE IN CHANNEL. CUT END OF PIPE TO BE FLUSH WITH CHANNEL WALL. FILL ANNULAR RING BETWEEN PIPE AND CHANNEL WITH AN ELASTOMERIC JOINT SEALANT. PIPE INV. ELEV. AT CHANNEL 12.50.



ASPHALT MIX DESIGN TO USE CITY OF ALBUQUERQUE AGGREGATE CLASS SHOWN.

6" PCC CHANNEL LINING AND REINFORCEMENT
PER COA STD. DET. 2260

12" SUBGRADE PREPARATION— (2-6" LIFTS)
(95% MODIFIED PROCTOR)

COMPACTED SUBGRADE
(90% MODIFIED PROCTOR)

CHANNEL SIDE INLET – LOT 2A

RECORD DRAWING

TITLE					PINO ARROYO CHANNEL SIDE CHANNEL INLETS				
DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL			MO/DAY/YEAR		NO/DAY/YEAR		
APPROVED DEC 02 2009 DESIGN REVIEW COMMITTEE		APPROVED CITY ENGINEER							

CITY PROJECT NO. **735184**

ZONE MAP NO.
E-18

SHEET 6 OF 6