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BY PLN

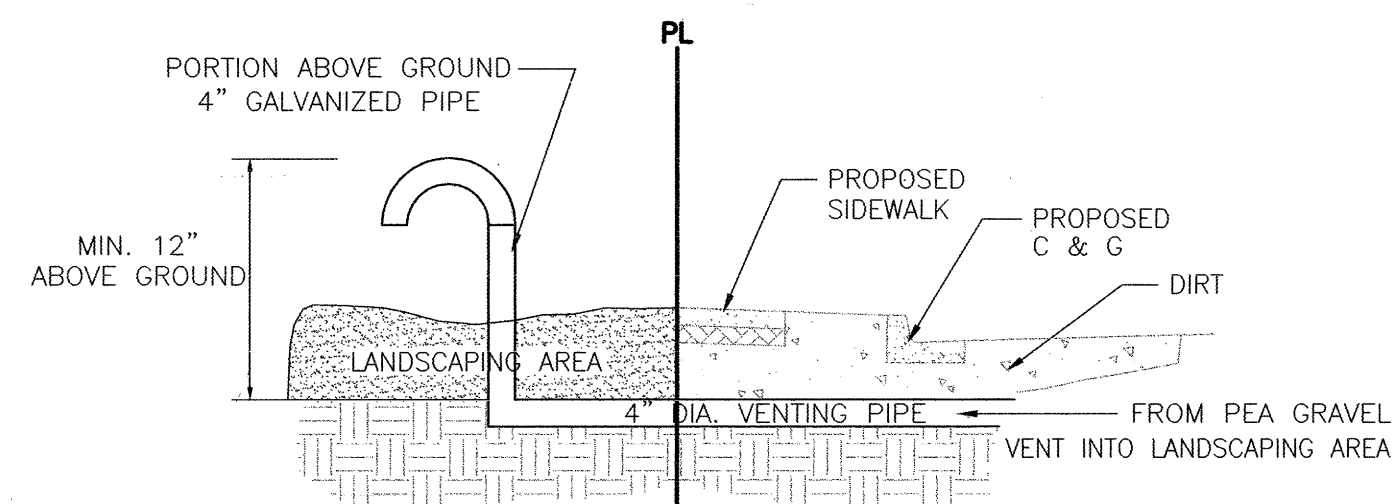
CONSTRUCTION PLANS FOR

SAN MATEO BLVD. AT BEVERLY HILLS AVENUE

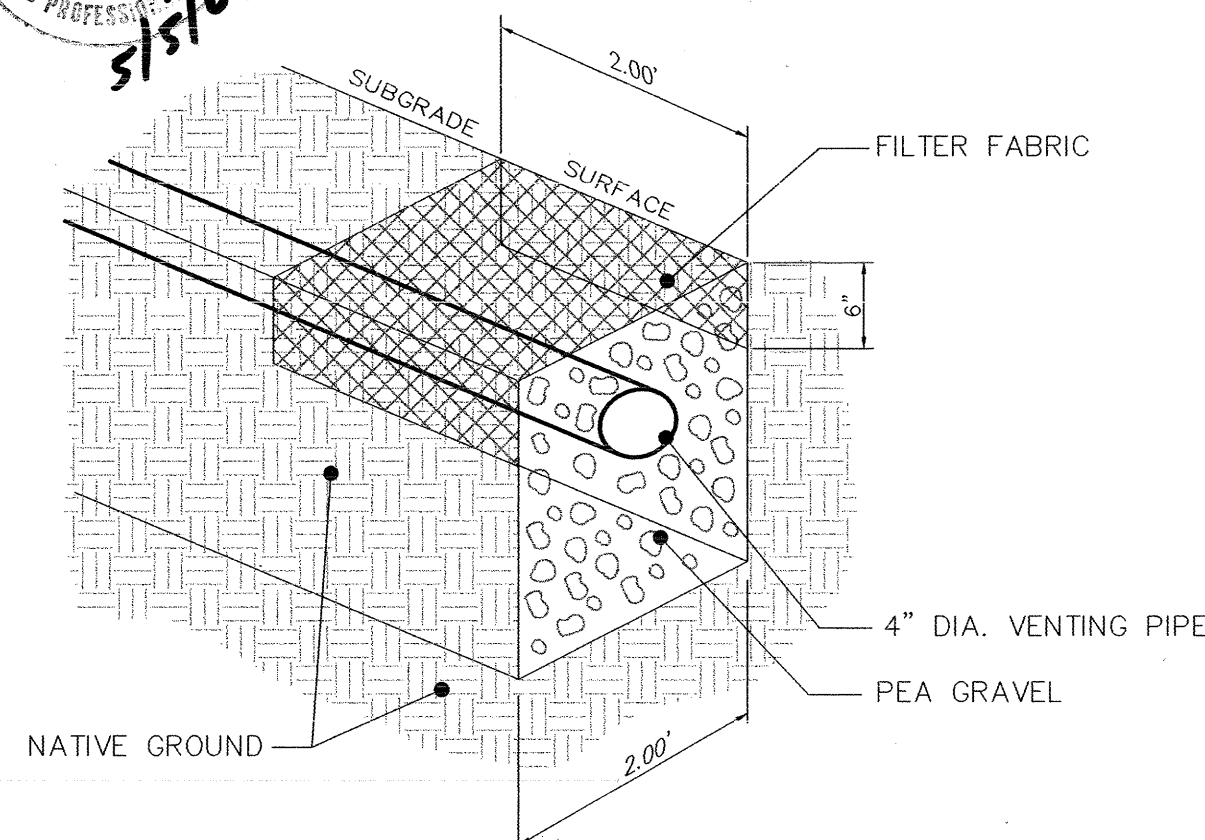
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PAVING AND UTILITY SERVICES IMPROVEMENTS

CITY OF ALBUQUERQUE NEW MEXICO MAY 2004



EXHAUST OUTLET DETAIL
NTS.



DETAIL LANDFILL GAS BARRIER
NTS.

NOTES :

- 1- LANDFILL GAS MITIGATION MEASURES ASSOCIATED WITH THE UTILITY TRENCHES WILL CONSIST OF A 2-FOOT BY 2-FOOT 95% COMPACTION PLUG THAT SHALL EXTEND THE FULL HEIGHT OF THE TRENCH. FILTER FABRIC WILL BE PLACED OVER THE GRAVEL. THIS PEA GRAVEL SYSTEM WILL ALLOW LANDFILL GASES THAT MAY MIGRATE ALONG THE UTILITY TRENCH TO VENT TO THE ATMOSPHERE. ONE PEA GRAVEL BARRIER WILL BE REQUIRED WITHIN THE FIRE HYDRANT, ONE PEA GRAVEL BARRIER WILL BE REQUIRED ALONG THE 3/4-INCH DIAMETER WATER SERVICE LINE, ONE PEA GRAVEL BARRIERS WILL BE REQUIRED ALONG THE SANITARY SEWER LINE. SEE THIS SHEET FOR DETAIL LANDFILL GAS BARRIER TO BE USED ON ALL THE UTILITY LINES.
- 2- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
- 3- ALL TRASH ENCOUNTERED IN R.O.W. MUST BE REMOVED, SO THERE IS NO TRASH BELOW PIPE LINES. THIS INCLUDES ALL INFRASTRUCTURE PIPING. REMOVE TRASH DOWN TO NATIVE SOIL.

LANDFILL DISCLOSURE STATEMENT:

THE SUBJECT PROPERTY IS LOCATED NEAR A FORMER LANDFILL. DUE TO THE SUBJECT PROPERTY BEING NEAR A FORMER LANDFILL CERTAIN PRECAUTIONARY MEASURES MAY NEED TO BE TAKEN TO ENSURE THE HEALTH AND SAFETY OF THE PUBLIC. RECOMMENDATIONS MADE BY A PROFESSIONAL ENGINEER WITH EXPERTISE IN LANDFILLS AND LANDFILL GAS ISSUES (AS REQUIRED BY MOST CURRENT VERSION OF THE "INTERIM GUIDELINES" FOR DEVELOPMENT WITHIN 1000 FEET OF "LANDFILLS") SHALL BE CONSULTED PRIOR TO DEVELOPMENT OF THE SITE.

AEDD SPECIAL REQUIREMENT:

THERE ARE SPECIAL REQUIREMENTS FOR THE INSTALLATION OF UTILITY AND INFRASTRUCTURE LINES AS REQUIRED BY THE PROFESSIONAL ENGINEER WITH LANDFILL GAS EXPERTISE IN HIS REPORT ENTITLED: "PHASE I AND II ENVIRONMENTAL SITE ASSESSMENT LOTS 1, 2 & 3 OF BLOCK 5, TRACT A, UNIT B NORTH ALBUQUERQUE ACRES, ALBUQUERQUE, NEW MEXICO" DATED JUNE 26, 2002.

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE: 3/8/2006
BRUNN WOLFE P.E.

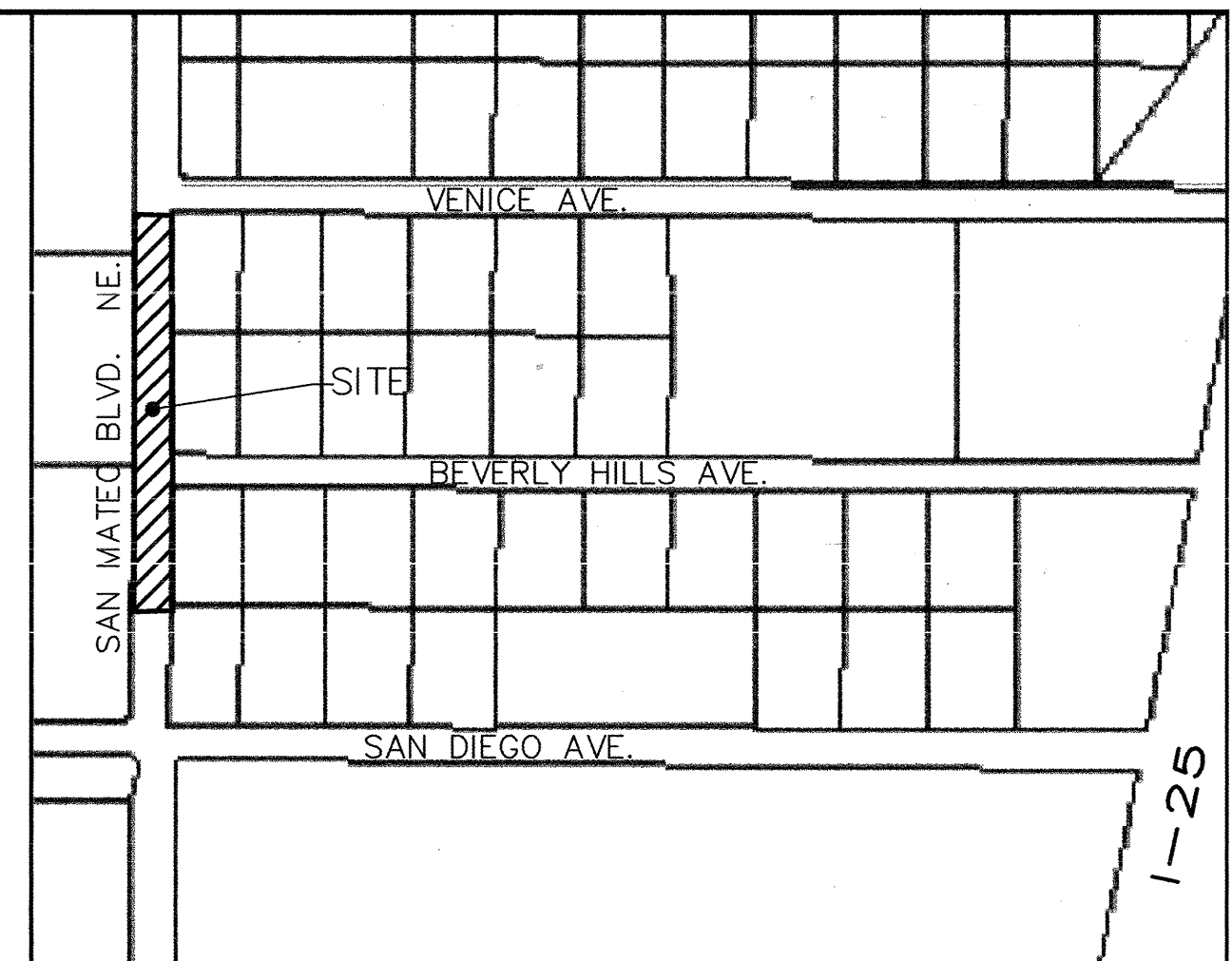
RECORD DRAWING

I, SHAHAB BIAZAR, OF THE FIRM OF ADVANCED ENGINEERING, 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 9/1/04
ADVANCED ENGINEERING & CONSULTING, LLC

TRAFFIC CONTROL PLAN

- USE COA TRAFFIC CONTROL PLAN.
- USE TYPICAL RIGHT LANE CLOSURE FOR CONSTRUCTION.
- TWO-WAY TRAFFIC ON SAN MATEO BLVD. MUST BE MAINTAINED AT ALL TIMES.



VICINITY MAP ZONE ATLAS B-18-Z

N.T.S. NOTICE TO CONTRACTORS SCALE NONE

1. 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).
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
3. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.
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 OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. 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 BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.
6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
7. 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 DESIGNERS EXPENSE.
8. 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.

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.

DRB CASE NUMBER 1002786



REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC Chairman				6-8-04	
		Transportation				5/17/04	
		Water/Wastewater				5/17/04	
		Hydrology				5/17/04	
		C.I.P.				6-8-04	
		Constr. Coord.				7-09-04	
		ENV. Health					
		CITY PROJECT NO.		722082		SHEET	
						1 OF 3	

General Notes

Area Lot 01 = 0.863 Acres (37,596.78 Sq.Ft.)
Area Lot 02 = 0.838 Acres (36,504.00 Sq.Ft.)
Area Lot 03 = 0.728 Acres (31,707.00 Sq.Ft.)

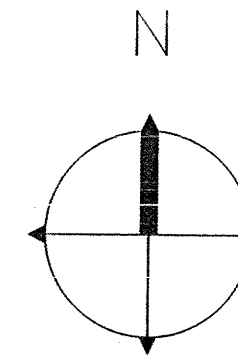
Total Site Area 2.429 Acres (105,807.78 Sq.Ft.)

All Buildings are single story, 2 Bldgs per Lot
Typical Building Area = 6000 Sq.Ft.
Each building contains 2 ea. Office/ Warehouse Units
Each Office/ Warehouse Unit = 3000 Sq.Ft.

Lot Coverage
Lot 01 (12,000/37,596.78) = 32%
Lot 02 (12,000/36,504.00) = 33%
Lot 03 (12,000/31,707.00) = 38%

Parking Requirements
Typical Office Area = 990 Sq.Ft.
Rqd. 1 space/200 sq.ft = 5 Spaces
Typical Warehouse = 1963 Sq.Ft.
Rqd. 1 Space/2000 sq.ft = 1 Space

Required Parking per Office/Wrhs = 6 Spaces
Total quantity Office/Wrhs Units = 2 ea.
Total required parking all units = 12 Spaces
Total Parking Provided = 26 Spaces
Handicapped Spaces Required = 2 ea.
Handicapped Spaces Provided = 2 ea.

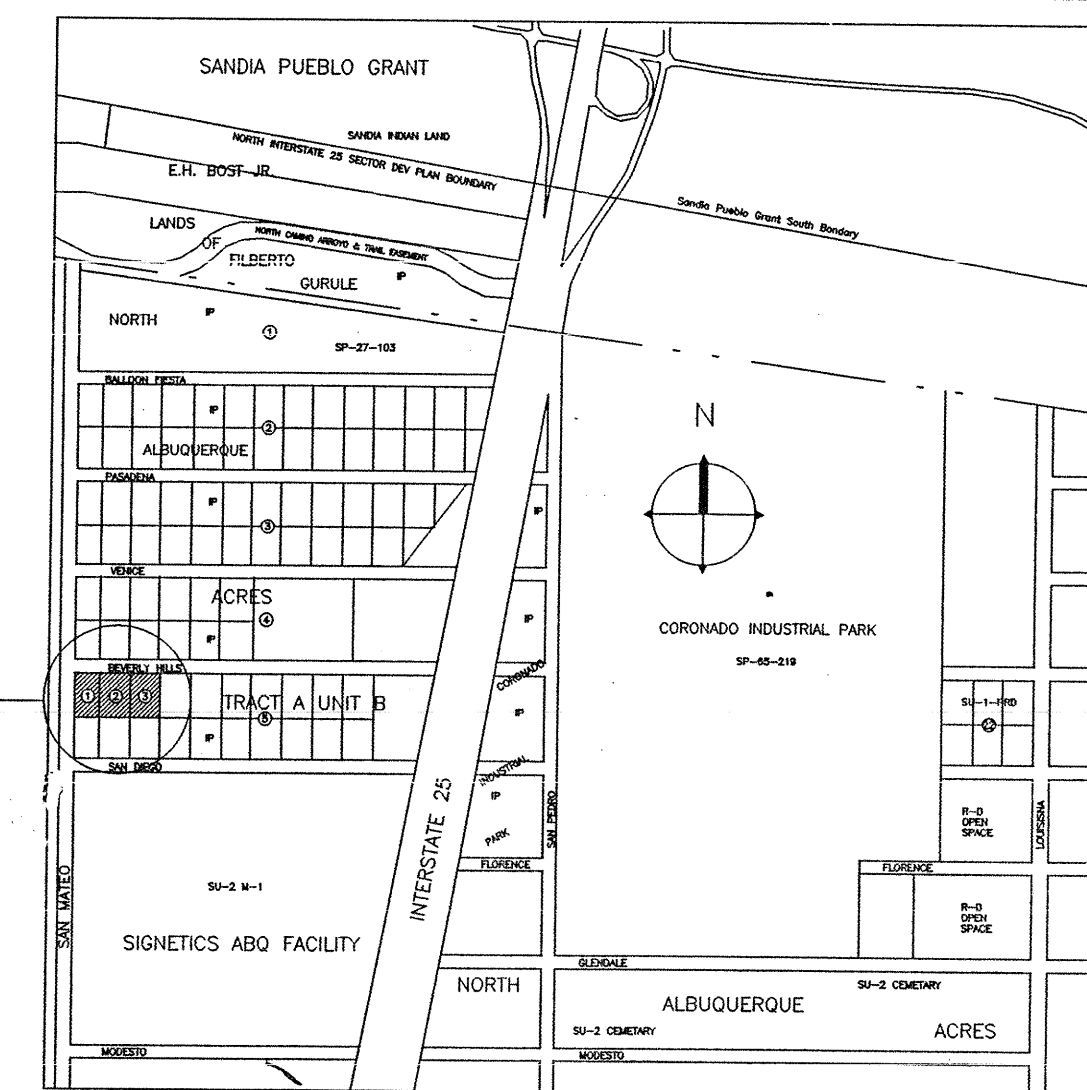


Scale: 1" = 20 FT.

Lots 1,2 & 3, Block 5, Tract A, Unit B
North Albuquerque Acres
Projected Section 13, T. 11 N., R. 3 E., NMPM
City of Albuquerque
Bernalillo County, New Mexico

INTERIM GUIDELINES FOR DEVELOPMENT WITHIN 1000 FEET OF LANDFILLS
(Revised August 28, 2001)

The subject property is located (near, on) a (former, existing) landfill. Due to the subject property being (on, near) a former landfill, certain precautionary measures may need to be taken to ensure the health and safety of the public. Recommendations made by a professional engineer with expertise in landfill and landfill gas issues (as required by the most current version of the "Interim Guidelines for Development within 1000 feet of Landfills") shall be consulted prior to development of the site.



VICINITY MAP
Zone Atlas Page B-18-Z
Map Amended through April 03, 2002

DRAWN BY:

CHECKED BY:

REVISION DATE:

Site Development Plan
for Building Permit

Site Plan

San Mateo Blvd. NE

San Mateo Blvd. NE

N 00°00'54" W

Unimproved Property

Lot 02 'A'
0.8380 Acres

Lot 03 'A'
0.7279 Acres

Unimproved Property

DRB Site Development Plan Approval

Project Number #1002786

Application Number 040RB-00036

Date 1-21-04

Date 3/12/04

Date 1/21/04

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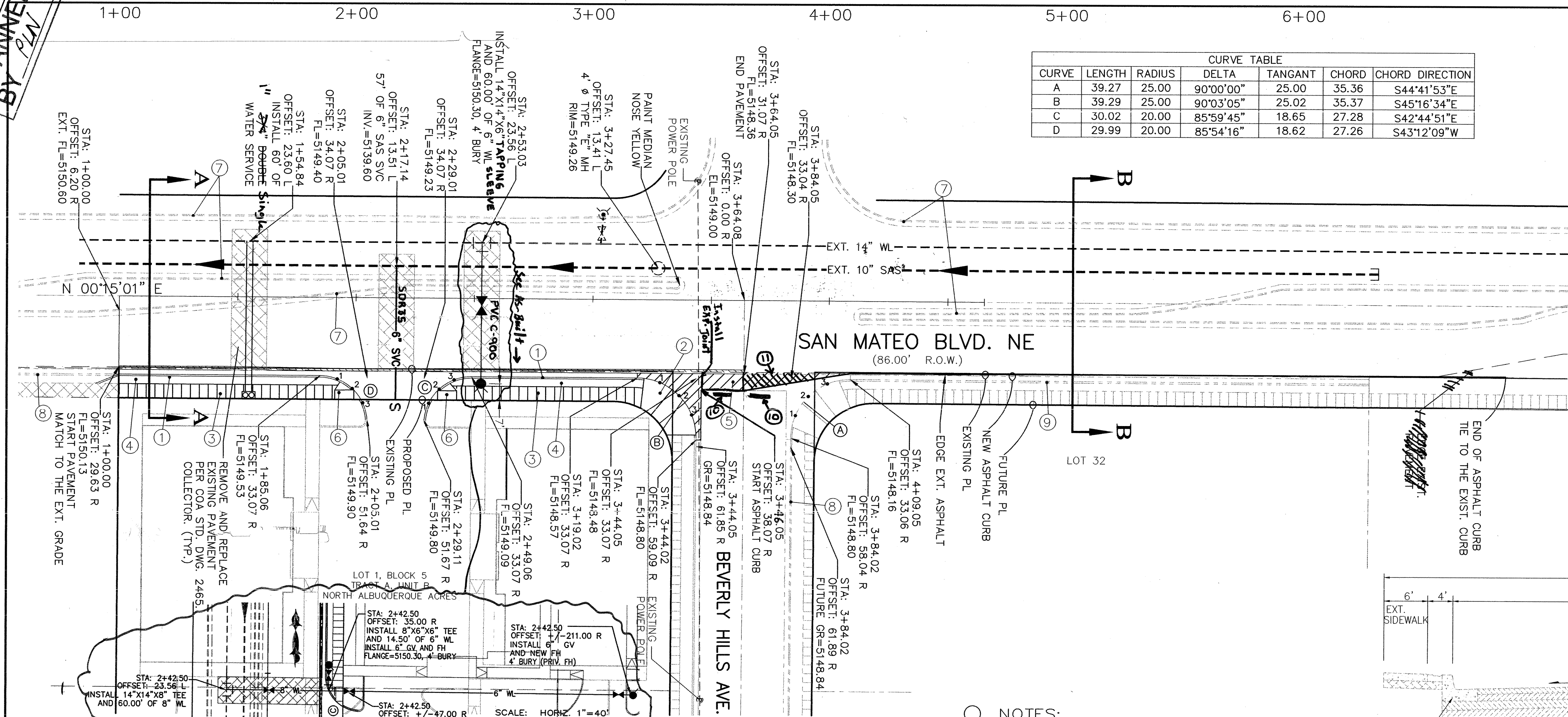
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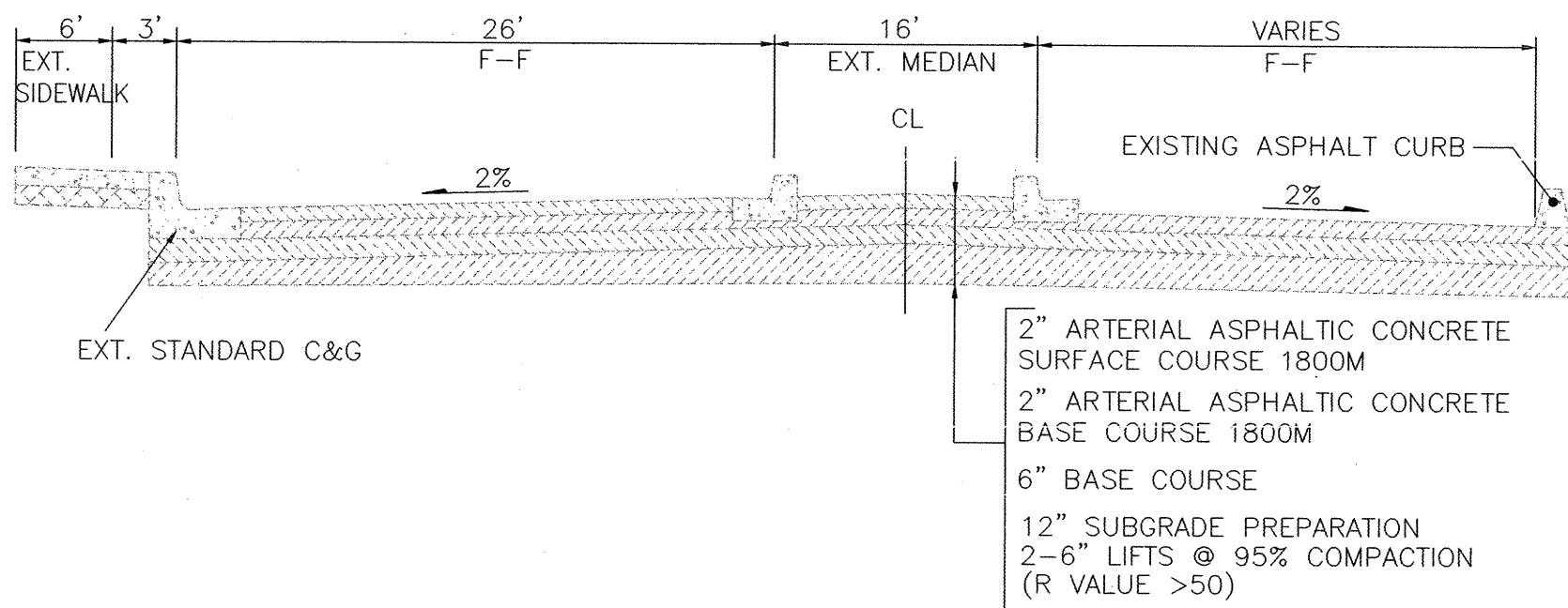
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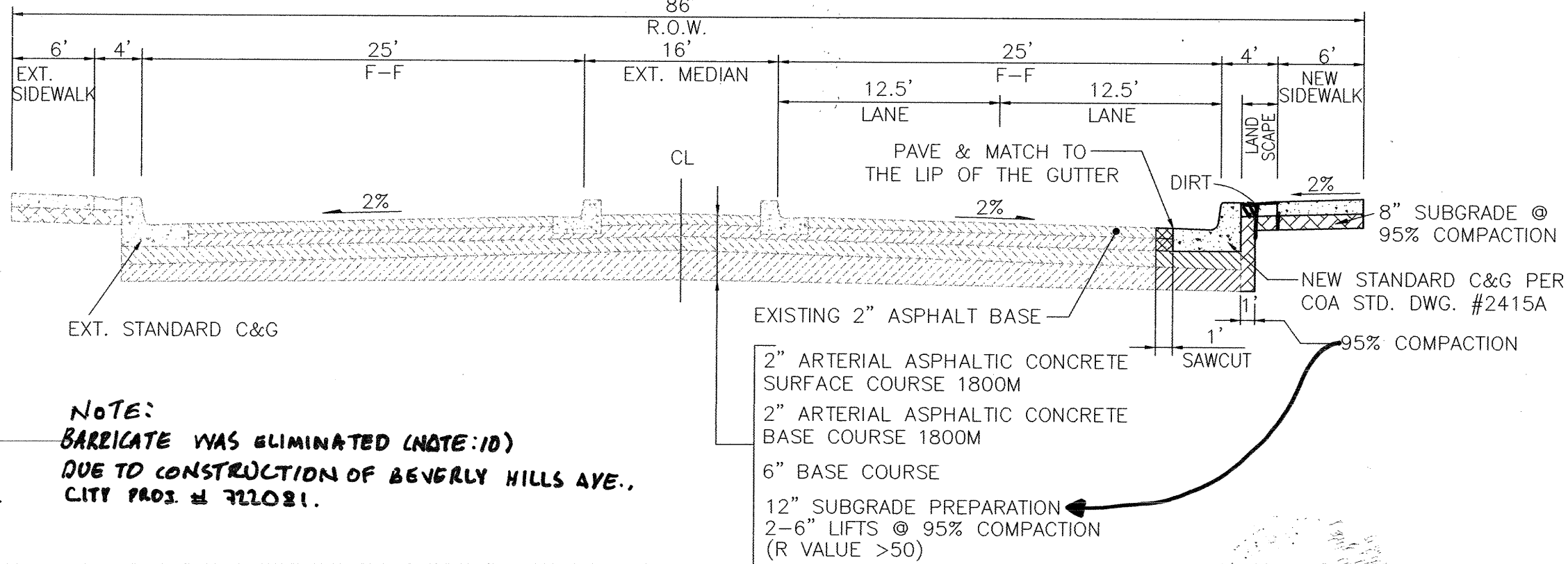
CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD
A	39.27	25.00	90°00'00"	25.00	35.36
B	39.29	25.00	90°03'05"	25.02	35.37
C	30.02	20.00	85°59'45"	18.65	27.28
D	29.99	20.00	85°54'16"	18.62	27.26



"SECTION B-B"
EXIST. SAN MATEO BLVD.
PER CITY PROJECT 4988.90
N.T.S.

COA STD DWG #S TO BE USED FOR THIS PROJECT:

- 1- WATER METERED BOX INSTALLATION PER COA. STD. DWG 2361, 2366, 2368.
- 2- WATER METERED SERVICE LINE INSTALLATION PER COA. STD. DWG 2362.
- 3- WATER VALVE BOXES PER COA. STD. DWG 2326 & 2328.
- 4- SAS SERVICE LINES PER COA. STD. DWG 2125. (FOR ON-SITE SHARED SERVICE)
- 5- FIRE HYDRANT PER COA. STD. DWG 2340.



"SECTION A-A"
SAN MATEO BLVD.
PER CITY PROJECT 4988.90
N.T.S.

NOTES:

1. STANDARD CURB AND GUTTER PER COA STANDARD DRAWING 2415A.
2. ALL OFF SITE CURB AND GUTTER ARE STANDARD CURB AND GUTTER.
3. NEW 6" SIDEWALKS PER COA STANDARD DRAWING 2430.
4. NEW LANDSCAPING AREA.
5. NEW 6" VALLEY GUTTER PER COA STANDARD DRAWING 2420.
6. NEW UNIDIRECTIONAL WHEEL CHAIR RAMP PER COA STANDARD DRAWING 2426.
7. EXISTING CURB AND GUTTER.
8. FUTURE CURB AND GUTTER.
9. NEW TEMPORARY ASPHALT CURB PER COA STANDARD DRAWING 2415B.
10. ~~INSTALL TEMP. PAVING PER COA STANDARD DRAWING 2415B. (3" ASPHALT)~~
11. ~~INSTALL TEMP. PAVING PER COA STANDARD DRAWING 2415B. (3" ASPHALT)~~

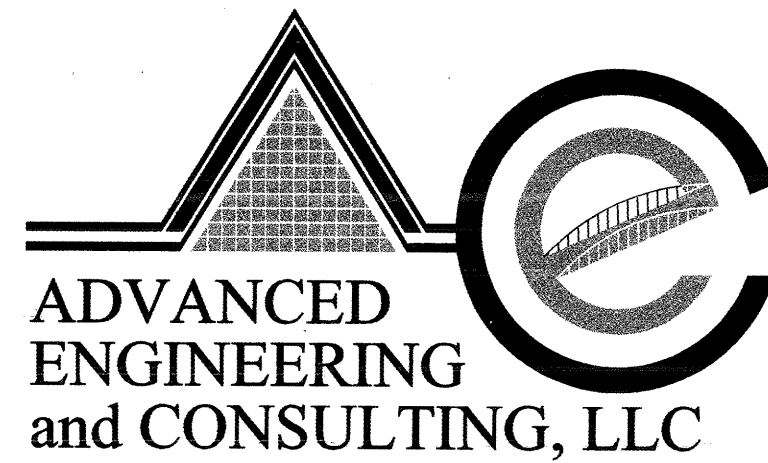
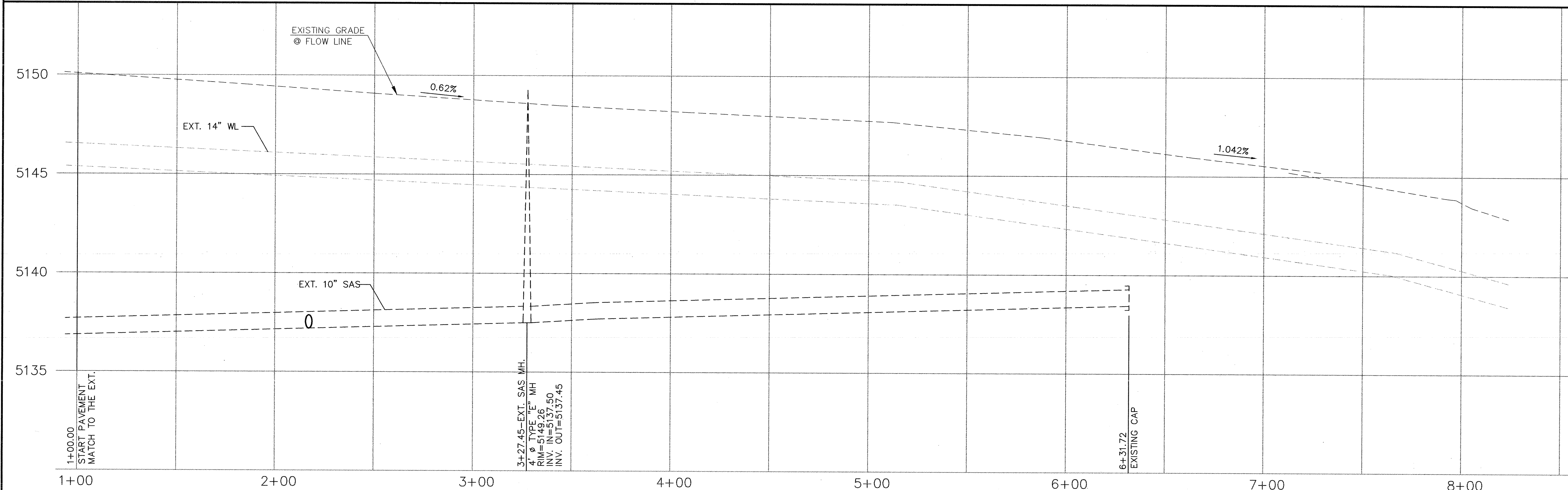
STA: 1+00.00 TO 8+00.00

NOTES:

- ALL STATIONING IS CENTERLINE STATIONING.
- STATION 1+00.00 IS AT INTERSECTION OF SAN MATEO CENTERLINE AND SOUTH BOUNDARY LINE OF LOT 1.
- PEA GRAVEL VENTING SYSTEM NEEDS TO BE INSTALLED ALONG STORM SEWER PIPE AT 50' ON CENTER. THE VENTING FOR THIS SYSTEM NEEDS TO BE INSTALLED WITHIN SAN MATEO MEDIAN.

QUARTER POINTS

A	FL	ELEV.	B	FL	ELEV.
A	1	48.57	B	1	48.53
	2	48.40		2	48.58
	3	48.23		3	48.64
C	1	49.51	D	1	49.46
	2	49.33		2	49.50
	3	49.16		3	49.65



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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP
TITLE: **SAN MATEO BLVD. AT BEVERLY HILLS AVE.**
PAVING & UTILITY SERVICE IMPROVEMENTS

DESIGN (REVIEW) COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
JUN - 8 2004	JUN - 9 2004		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		