

SCANNED BY
PLANNING

PUBLIC IMPROVEMENT PLANS FOR OLD UNSER BLVD. ALBUQUERQUE, NEW MEXICO

JUNE 2006
REVISED MAY 2008

PREPARED FOR:
JAMES CRABTREE
6460 MOJAVE NW
ALBUQUERQUE, NM 87120

PREPARED BY:
ISAACSON & ARFMAN, P.A.
128 MONROE ST. NE
ALBUQUERQUE, NM 87108

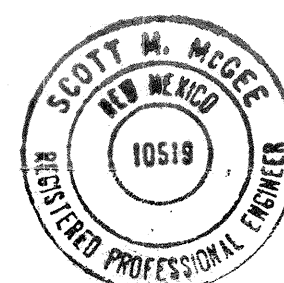
INDEX TO DRAWINGS

SHEET NO.	TITLE
1	COVER SHEET
2	PLAT
3	GRADING AND DRAINAGE PLAN
4	OLD UNSER BLVD.--PAVING PLAN & PROFILE

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Scott M. McGee of the firm of Isaacson & Arfman, P.A., 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 Anthony L. Harris, NMPS number 11463.

Scott M. McGee 12/2/08
Scott M. McGee NMPE No. 10519



APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY ENGINEER
Paul O. Harris
DATE 03-25-2007

SURVEYOR'S CERTIFICATION

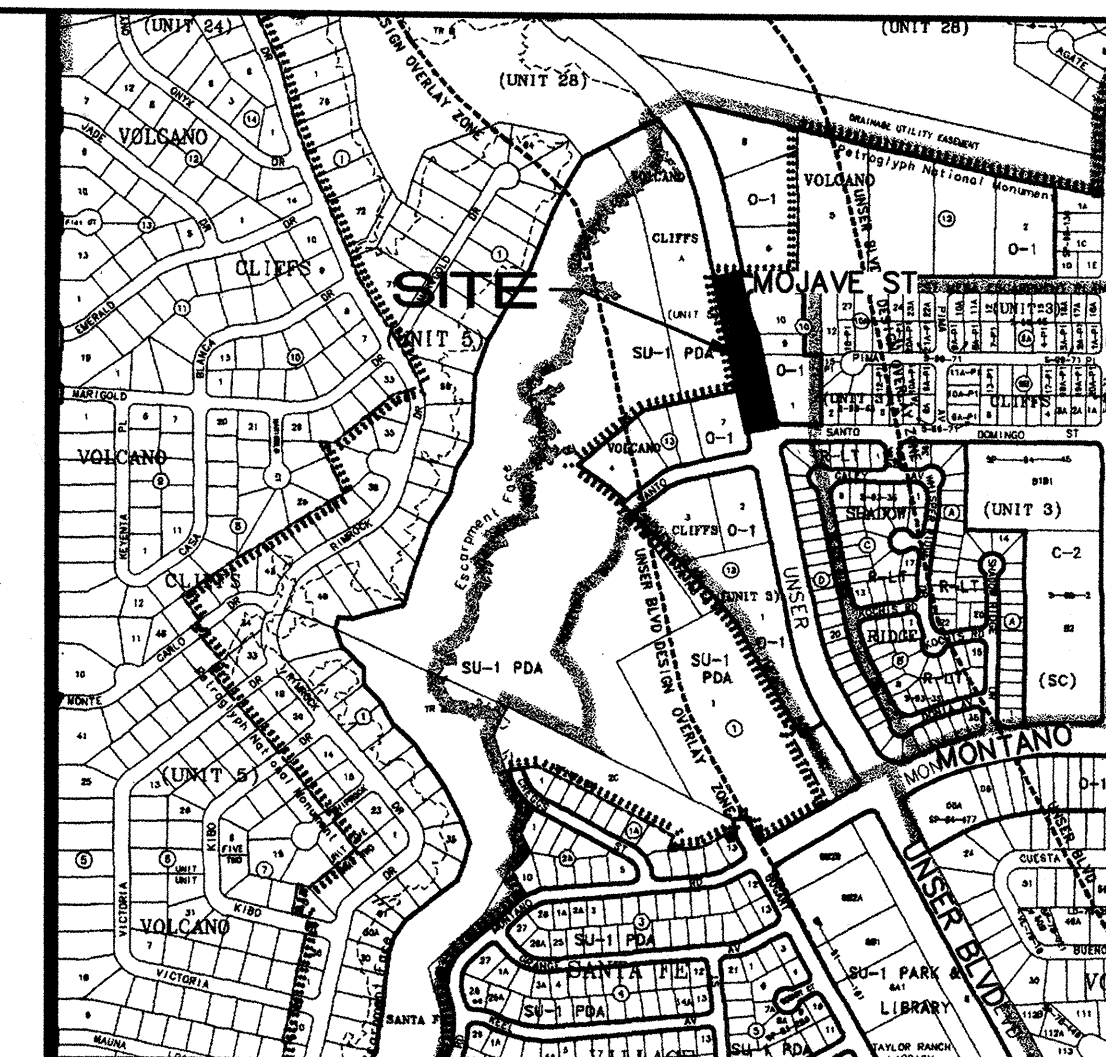
"I ANTHONY L. HARRIS, A DULY QUALIFIED REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE 'AS-BUILT' INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM FIELD CONSTRUCTION AND 'AS-BUILT' SURVEYS PERFORMED BY ME OR UNDER MY SUPERVISION, THAT THE 'AS-BUILT' INFORMATION SHOWN ON THESE DRAWINGS WAS ADDED BY ME OR MY SUPERVISION, AND THAT THIS 'AS-BUILT' INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF." SURVEYS SOUTHWEST LTD. IS NOT RESPONSIBLE FOR ANY OF THE DESIGN CONCEPTS, CALCULATIONS, ENGINEERING, OR INTENT OF THE RECORD DRAWINGS.

Anthony L. Harris 12-1-08
ANTHONY L. HARRIS, NMPS 11463 DATE



GENERAL NOTES

- 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 AMENDED WITH UPDATE NO. 7, INCLUDING AMENDMENT 1.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE & VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM DELAY.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, NIM ONE CALL SYSTEMS, INC. @ 260-1990 FOR LOCATION OF EXISTING UTILITIES.
- CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL TRAFFIC. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS, AND ORDERS OF ANY PUBLIC BODY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY, AND TO PROTECT THEM FROM DAMAGE, INJURY, OR LOSS. CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY THE CONDITIONS AND PROGRESS OF THE WORK, ALL NECESSARY SAFEGUARDS FOR SAFETY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS, THROUGHOUT THE DURATION OF THE PROJECT. CONTRACTOR SHALL ADHERE TO SECTION 19 OF THE GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, AS AMENDED WITH UPDATE NO. 7.
- THE CONTRACTOR AGREES THAT HE SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER & ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- TRAFFIC CONTROL: FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADING ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO LOCATION AS EXISTING OR AS SHOWN IN THIS PLAN SET.
- WHEN ADJUTING EXISTING PAVEMENT TO NEW, SAWCUT EXISTING PAVEMENT TO A STRAIGHT EDGE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE FIELD ENGINEER. REMOVAL OF BROKEN OR CRACKED PAVEMENT WILL ALSO BE REQUIRED.
- EXISTING CURB AND GUTTER NOT TO BE REMOVED UNDER THE CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM 90% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY SECTION 701.14.2 AND STANDARD DRAWING NUMBER 2315.2465 6/12/08
- THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY OR PRIVATE ROADWAY EASEMENTS SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET OR INTO ANY PUBLIC DRAINAGE FACILITY.
- 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 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.
- ALL WATER VALVE BOXES MANHOLES IN THE STREET CONSTRUCTION ARE TO BE ADJUSTED TO FINISH GRADE AND WILL BE MEASURED AND PAID PER EACH.
- CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY.
- CONTRACTOR SHALL ASSIST THE ENGINEER/INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF RECORD DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- 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.
- PNM WILL PROVIDE AT NO COST TO THE CITY OR THE CONTRACTOR THE REQUIRED PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECESSARY BY PNM WHILE THE CONTRACTOR IS EXPOSING PNM'S CABLES. HOWEVER, THE CONTRACTOR SHALL BE CHARGED THE TOTAL COST ASSOCIATED WITH REPAIRS TO ANY DAMAGED CABLES OR FOR ANY COST ASSOCIATED WITH SUPPORTING OR RELOCATING THE POLES AND CABLES DURING CONSTRUCTION.
- WARNING--EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES, IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.
- ANY WORK OCCURRING WITHIN A FULLY DEVELOPED ARTERIAL ROADWAY REQUIRES 24 HR. CONSTRUCTION.
- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART P.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

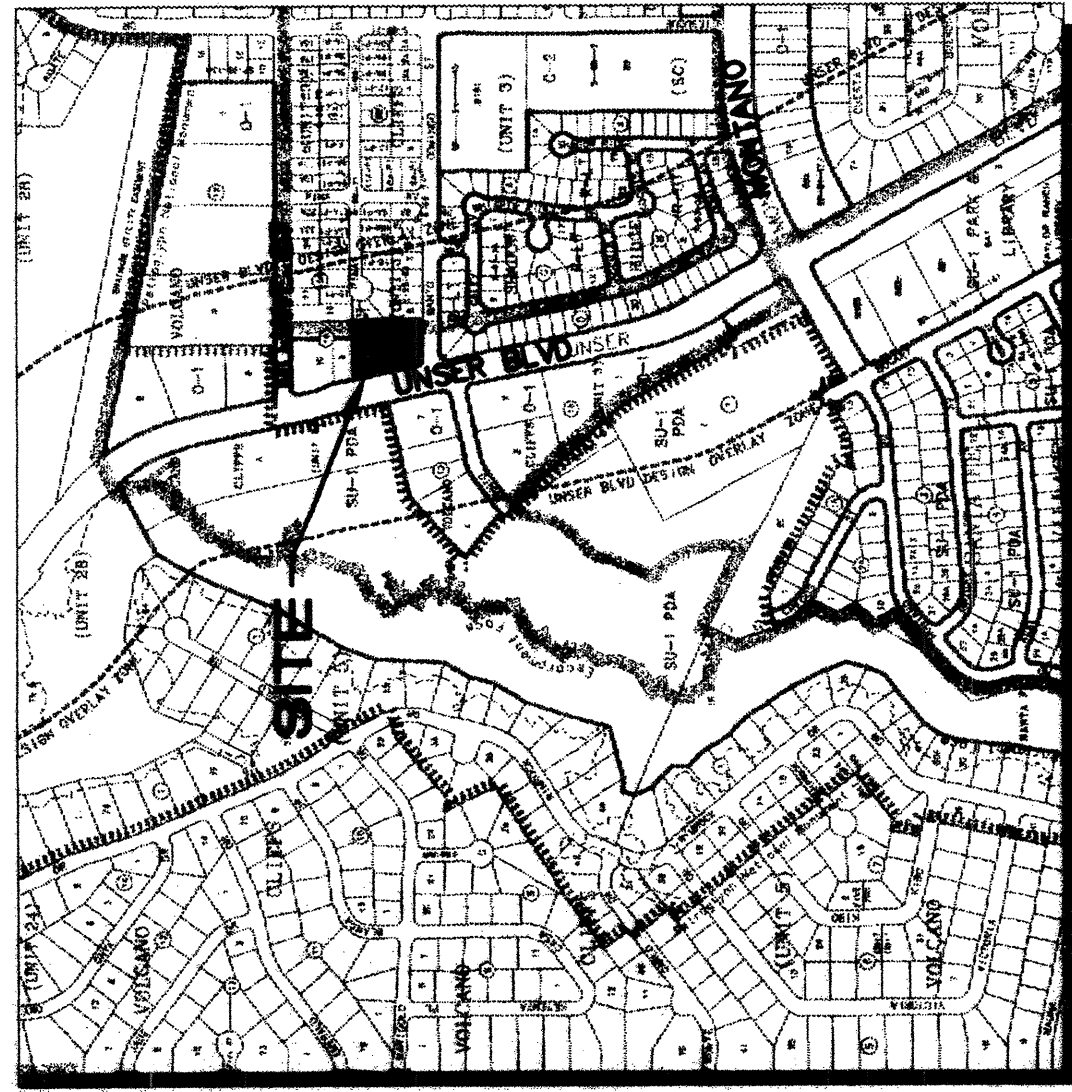


E-10 1"=750'±
VICINITY MAP

REV.	SHEETS	CITY ENGINEER	DATE	USER	DEPARTMENT	DATE	USER	DEPARTMENT	DATE
ENGINEERS' STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE		*****	
 Scott M. McGee 6/19/06 5/08/08		DRC Chairman		[Signature]		[Date]		APPROVED FOR CONSTRUCTION	
		Transportation		[Signature]		[Date]			
		Water/Wastewater		[Signature]		[Date]			
		Hydrology		[Signature]		[Date]			
		Constr. Mngmt.		[Signature]		[Date]			
Constr. Coord.		[Signature]		[Date]				City Engineer Date	
DMD TRAILS		[Signature]		[Date]					
City Project No.		720182		Sheet		1		Of 4	

DRB NO. 1002949

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque, New Mexico 87108
Ph. 505-268-8828 Fax. 505-268-2632
1286.1CVR.DWG.dpl 06.07.06



VICINITY MAP

E-10 1"=780'

SUBDIVISION DATA / NOTES

- Total Number of Existing Lots: 1
- Total Number of Lots created: 8
- Gross Subdivision Acreage: 1.1954 AC.
- Total Mileage of Full Width Streets Created: .023
- Bearings are New Mexico State Plane Grid Bearings (Central Zone - NAD 1927).
- Distances are ground distances.
- Bearings and distances in parenthesis are record.
- Beats of boundary are the following plots (and documents) of record entitled:

LOT OF BLOCKS 7-A, 8-A, 8-B, 8-C, 9-A, 9-B AND 10-A VOLCANO CLIFFS SUBDIVISION, UNIT 3, (12/10/98, 98C-346)

PLAT FOR MOJAVE TOWNHOMES (10/12/2001, BK2001 P6278)

all being records of Bernalillo County, New Mexico.

9. Field Survey performed August, 2003.

10. Unless otherwise noted all corner points are Set 1/2" Rebar with cap

11. City Standard Utility Note is:

City of Albuquerque Water and Sanitary Sewer Services to Petroglyph Park, Bernalillo County, New Mexico, coordinated with the Public Works Department, City of Albuquerque.

12. Centerline (in lieu of R/W) monumentation to be installed at all centerline P.C's, P.T's, angle points and street intersections prior to acceptance of subdivision street improvement. Centerline monumentation shall consist of a standard four-inch (4") aluminum alloy cap set in concrete. City of Albuquerque, "Centerline Monumentation", Survey Marker, "Do Not Disturb", PLS #7472.

THIS IS TO CERTIFY THAT THE ABOVE ARE CURRENT AND
PAID ON UPS & LOGO 042 265 192 105 21
PROPERTY OWNER OF RECORD
JAMES J. CRABTREE
BERNALILLO COUNTY TREASURER



13. Current zoning: 0-1.

JAKE ARGUELLES, JR. - LAND SURVEYING
2912 SAN YGNACIO RD SW
ALBUQUERQUE, NM 87121
(505)975-0988

1388PT1.DWGRev 06/13/04

LEGAL DESCRIPTION

A tract of land situate in Section 27, Township 11 North, Range 2 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, being all of LOT 1, BLOCK 10A, VOLCANO CLIFFS SUBDIVISION, UNIT 3, as the same is shown on a plat designated as PLAT 1, BLOCK 10A, VOLCANO CLIFFS SUBDIVISION, UNIT 3, filed for record in the office of the County Clerk of Bernalillo County, New Mexico, on December 10, 1998, in Volume 98C, Folio 346.

DISCLOSURE STATEMENT

The intent of this plat is to subdivide the subject lot into eight residential lots, to dedicate public right-of-way and to grant those easements necessary to serve the residential development.

FREE CONSENT AND DEDICATION

The subdivision shown herein is with the free consent and in accordance with the desires of the undersigned Owner(s) and/or Proprietor(s) thereof and said Owner(s) and/or Proprietor(s) do hereby dedicate all streets and public rights-of-way shown herein to the City of Albuquerque in fee simple with warranty covenants and do hereby grant: all access, utility and drainage easements shown herein including the right to construct, operate, inspect, and maintain facilities therein; and all public utility easements shown herein for the common and joint use of gas, electrical power and communication services for overhead and/or buried distribution lines, conduits, and pipes for underground and/or overhead utilities where shown or indicated, and the right to trim interfering trees and shrubs. Said Owner(s) and/or Proprietor(s) do hereby consent to all of the foregoing and do hereby certify that this subdivision is their free act and deed.

OWNER

[Signature]
Diana K. Crabtree
Diana K. Crabtree
5/17/04
Date

ACKNOWLEDGMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

My Commission Expires: 4/22/07
Notary Public
Ruth T. Lozano

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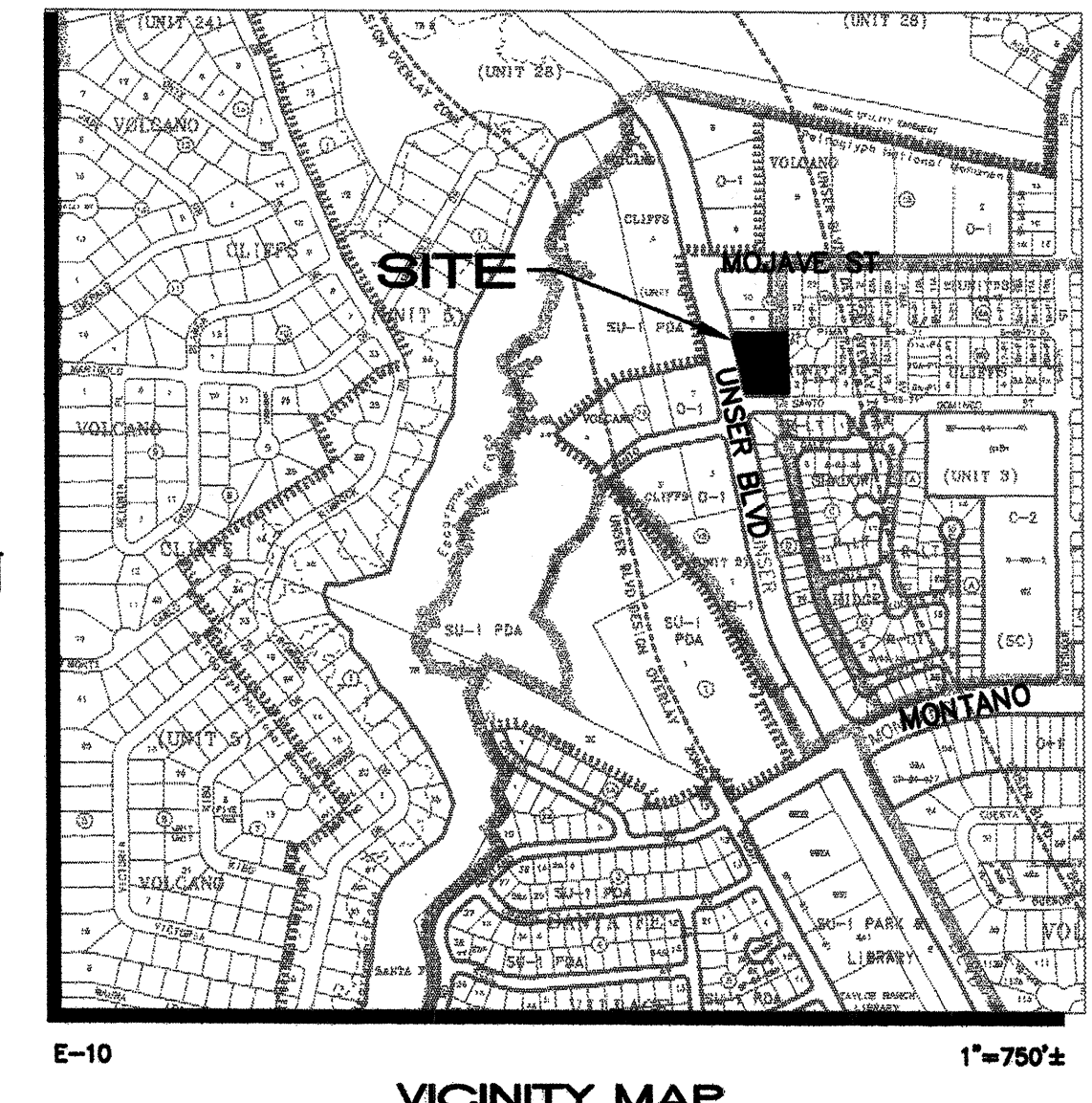
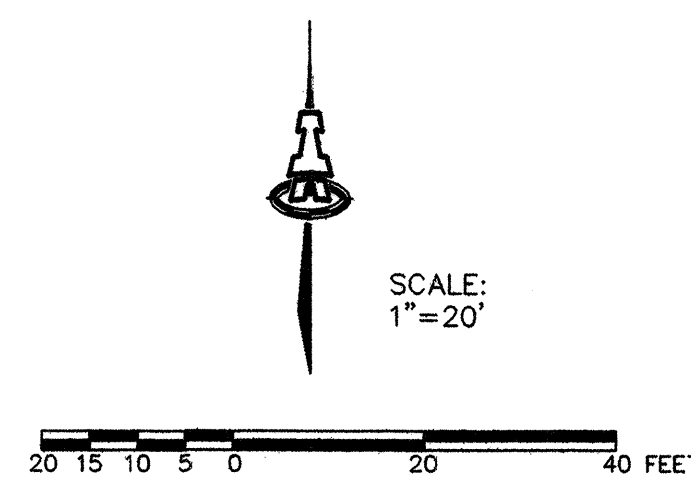
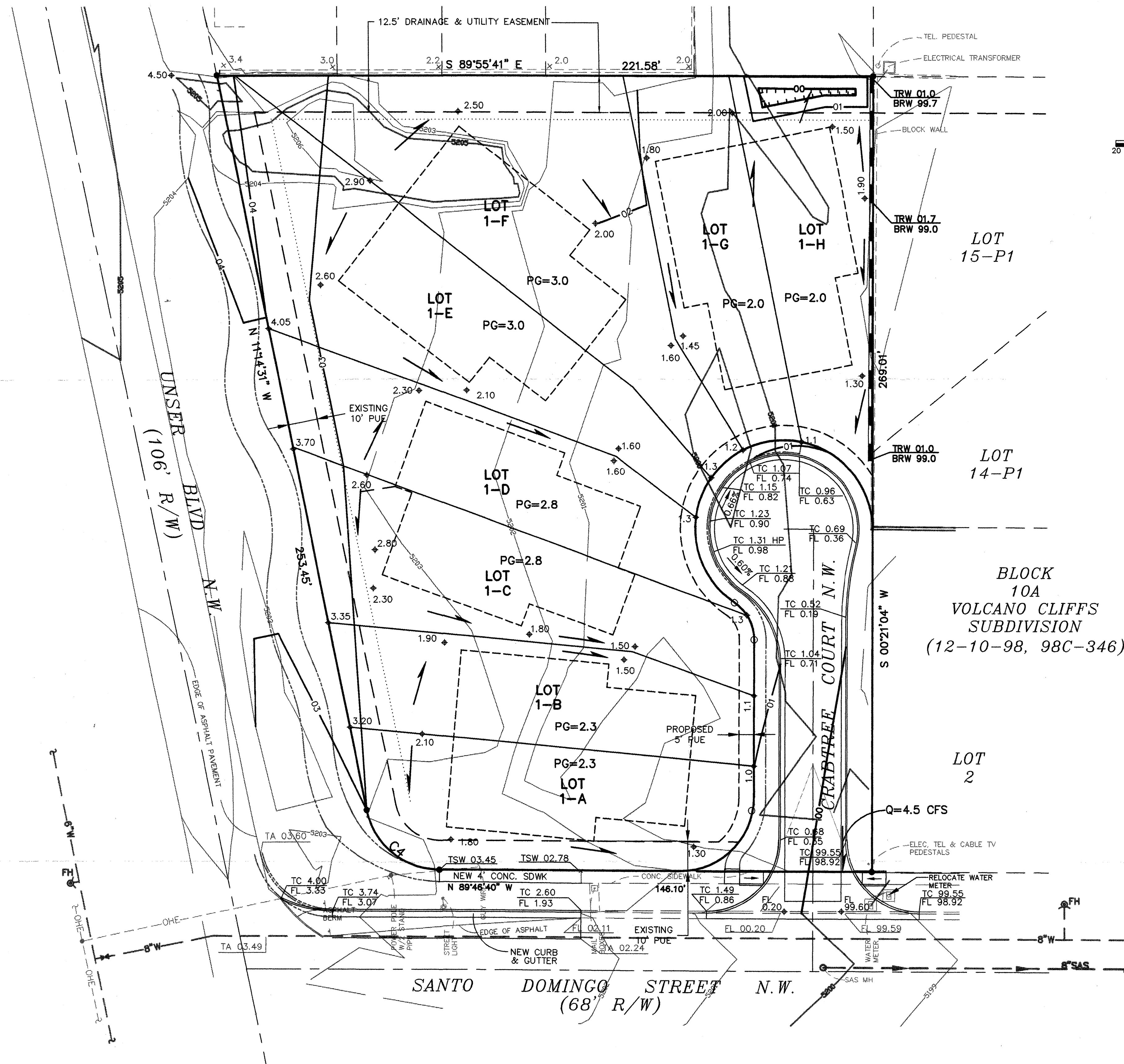
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LEGAL DESCRIPTION: LOT 1, BLOCK 10A, UNIT 3, VOLCANO CLIFFS SUBDIVISION.

AREA: 1.19 ACRES

BENCHMARK: ACS BM "3-E10" LOCATED WEST OF THE INTERSECTION OF UNSER BLVD. AND SANTO DOMINGO NW. ELEV. = 5312.12

FLOOD ZONE DESIGNATION: PANEL 112 OF THE FEMA FLOODPLAIN MAP INDICATES THIS SITE IS WITHIN ZONE X WHICH IS DETERMINED TO BE OUTSIDE THE 500-YR FLOODPLAIN.

SITE SOILS: THE SCS SOIL SURVEY OF BERNALILLO COUNTY CLASSIFIES THIS SITE AS BLUEPOINT-KOKAN ASSOCIATION WHICH IS A LOAMY FINE SAND IN HYDROLOGIC SOIL GROUP 'A'.

EXISTING CONDITIONS: THE SITE IS UNDEVELOPED AND SLOPES TO THE EAST AT 3 PERCENT. RUNOFF ENTERS SANTO DOMINGO ST. AT THE SOUTHEAST CORNER AND IS CARRIED EAST TO TESUQUE DRIVE. SURFACE FLOW IS THEN CARRIED NORTH TO INLETS WHICH ROUTE STORM DRAIN FLOW TO THE BOCA NEGRA ARROYO.

EXISTING HYDROLOGY:
PRECIPITATION ZONE: 1
LAND TREATMENT: 100% A
 $Q_{100} = (1.29 \text{ CFS/AC})(1.19 \text{ AC}) = 1.5 \text{ CFS}$

PROPOSED CONDITIONS: EIGHT TOWNHOMES ARE PROPOSED WITH FOUR DUPLEX UNITS. AN IMPERVIOUS SURFACE IS PROPOSED FOR THE INTERNAL PUBLIC ACCESS EXTENDING TO THE NORTHERLY UNITS. RUNOFF WILL BE CARRIED SOUTH WITHIN THIS PUBLIC STREET AND WILL DISCHARGE TO SANTO DOMINGO NW. BACKYARD PONDING IS PROPOSED FOR LOT 1-H, WHILE ALL DEVELOPED FLOWS WILL BE REQUIRED TO DISCHARGE TO CRABTREE COURT NW.

PROPOSED HYDROLOGY:
LAND TREATMENT: 10% B, 25% C, 65% D
 $Q_{100} = (0.12)(2.03) + (0.30)(2.87) + (0.77)(4.37) = 4.5 \text{ CFS}$

STREET CAPACITY: SANTO DOMINGO ST. WAS COMPLETED BY SAD 219. USING A 38-FT WIDTH AND A 2.7% SLOPE, DPM PLATE 22.3 D-2 GIVES A HALF-STREET CAPACITY OF 23 CFS FOR 0.5 FT DEPTH. THE CONTRIBUTING AREA, FROM UNSER BLVD EAST TO TESUQUE DRIVE, ON THE SOUTH SIDE OF MOJAVE IS ONLY 3.5 ACRES. AT AN ESTIMATED RESIDENTIAL UNIT RUNOFF RATE OF 3.6 CFS/ACRE, THE MAXIMUM FLOW RATE IN THE NORTH GUTTER OF SANTO DOMINGO ST. IS 12.6 CFS.

CONCLUSION: THIS SITE DEVELOPMENT WILL NOT ADVERSELY IMPACT ANY DOWNSTREAM FACILITIES AND SHOULD BE ALLOWED TO DISCHARGE FREELY TO SANTO DOMINGO NW.

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C4	25.00	34.27	20.44	31.65	N 50°30'36" W	78°32'09"

- LEGEND**
- 5200— EXISTING CONTOUR
 - 52— PROPOSED CONTOUR
 - ◆78.3 PROPOSED SPOT ELEVATION
 - FLOW ARROW
 - PG=01.2 PAD GRADE ELEVATION
 - TC= TOP OF CURB ELEVATION
 - FL= FLOWLINE
 - INV=72.5 INVERT ELEVATION
 - PROPOSED RETAINING WALL
 - TRW= TOP OF RETAINING WALL
 - BRW= BOTTOM OF RETAINING WALL

PETROGLYPH PARK

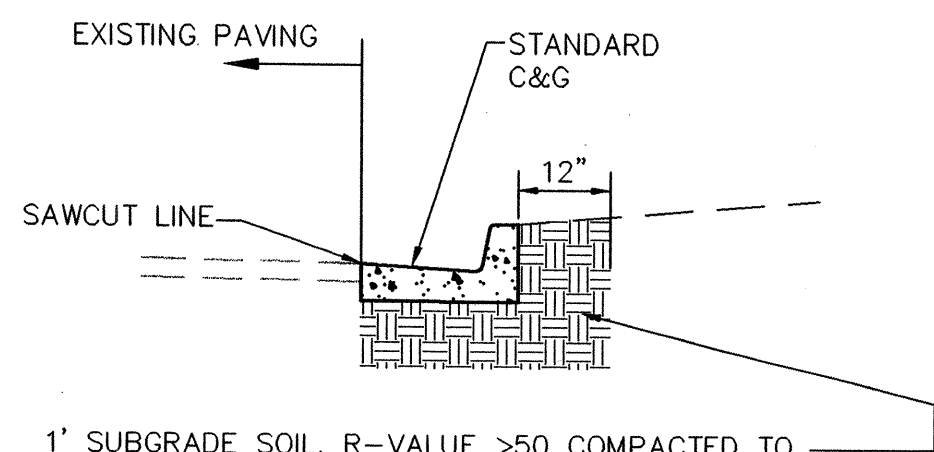
GRADING & DRAINAGE PLAN

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
1228 Monroe Street N.E.
Albuquerque, New Mexico

1286GRD.DWG

1/12/04

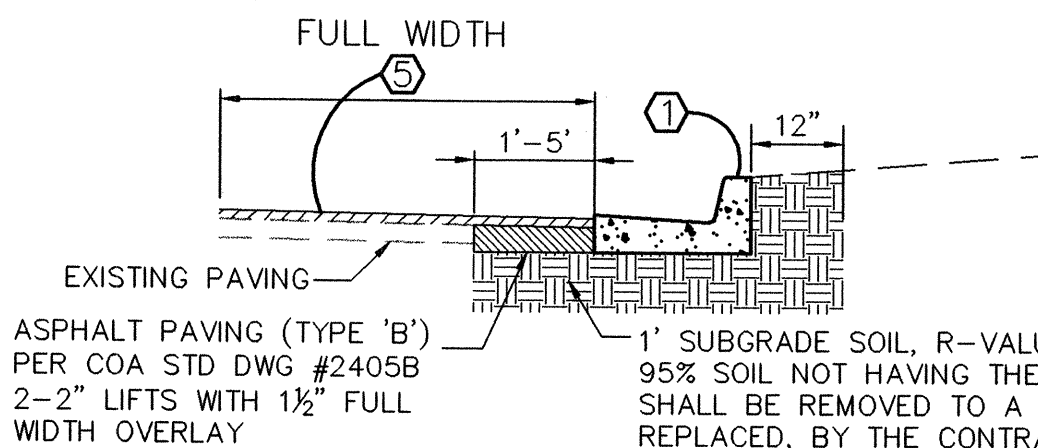
SHEET 3 OF 4



1' SUBGRADE SOIL, R-VALUE >50 COMPACTED TO 95% SOIL NOT HAVING THE MINIMUM R-VALUE OF 50 SHALL BE REMOVED TO A DEPTH OF 2 FT. AND REPLACED, BY THE CONTRACTOR, WITH SUITABLE MATERIAL OR A PAVEMENT SECTION SHALL BE DESIGNED BY THE GEOTECHNICAL CONSULTANT ACCOMMODATING THE EXISTING R-VALUE PER CITY STANDARD SPECIFICATIONS.

NEAT CURB & GUTTER PLACEMENT DETAIL

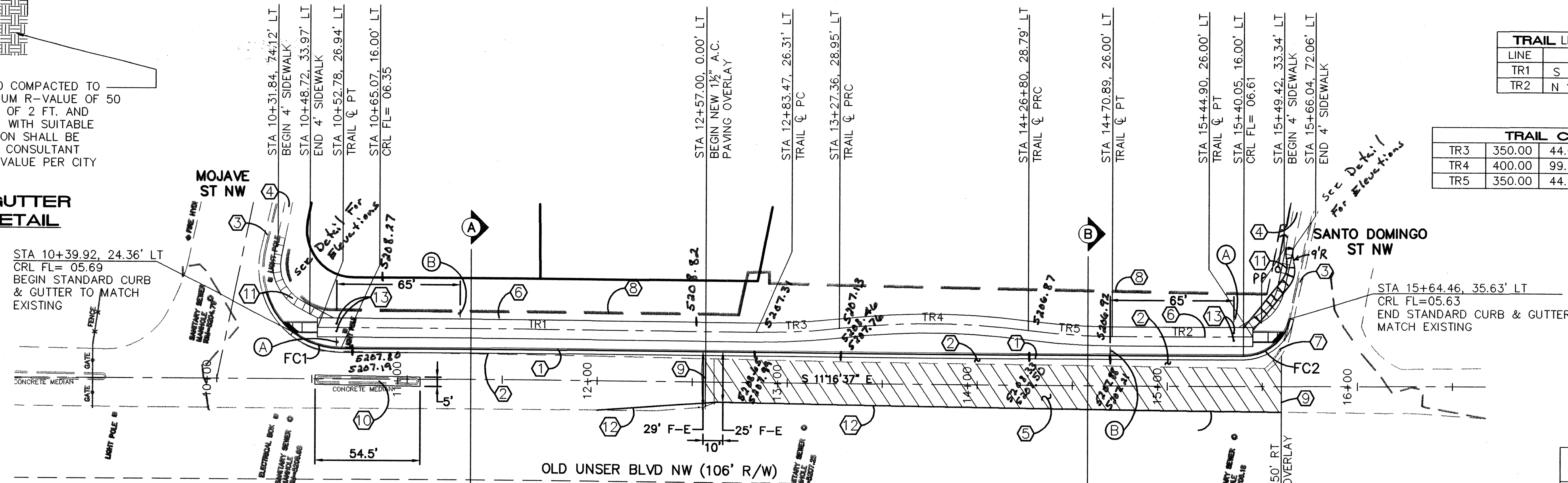
STA 10+39.92, 24.36' LT
CRL FL= 05.69
BEGIN STANDARD CURB & GUTTER TO MATCH EXISTING



ASPHALT PAVING (TYPE 'B')
PER COA STD DWG #2405B
2-2" LIFTS WITH 1 1/2" FULL WIDTH OVERLAY
1' SUBGRADE SOIL, R-VALUE >50 COMPACTED TO 95% SOIL NOT HAVING THE MINIMUM R-VALUE OF 50 SHALL BE REMOVED TO A DEPTH OF 2 FT. AND REPLACED, BY THE CONTRACTOR, WITH SUITABLE MATERIAL OR A PAVEMENT SECTION SHALL BE DESIGNED BY THE GEOTECHNICAL CONSULTANT ACCOMMODATING THE EXISTING R-VALUE PER CITY STANDARD SPECIFICATIONS.

PAVEMENT PLACEMENT WITH OVERLAY DETAIL

NOTE: EXISTING STREET LIGHT POLE AT STATION 10+67.24, 25.00' LT TO BE REMOVED BY PNM AND CITY CREWS.

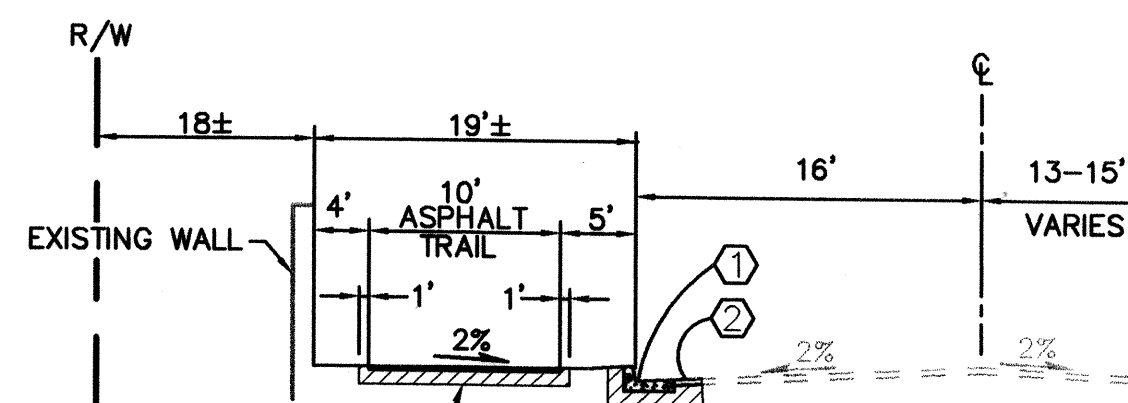


CURVE	RADIUS	LENGTH	DELTA	CHD BRG
FC1	42.00	27.15	37°02'29"	S 07°14'37" W
FC2	25.00	33.86	77°36'07"	S 50°04'40" E

LINE	BEARING	DISTANCE
TR1	S 11°07'14" E	233.81
TR2	N 11°16'37" W	74.01

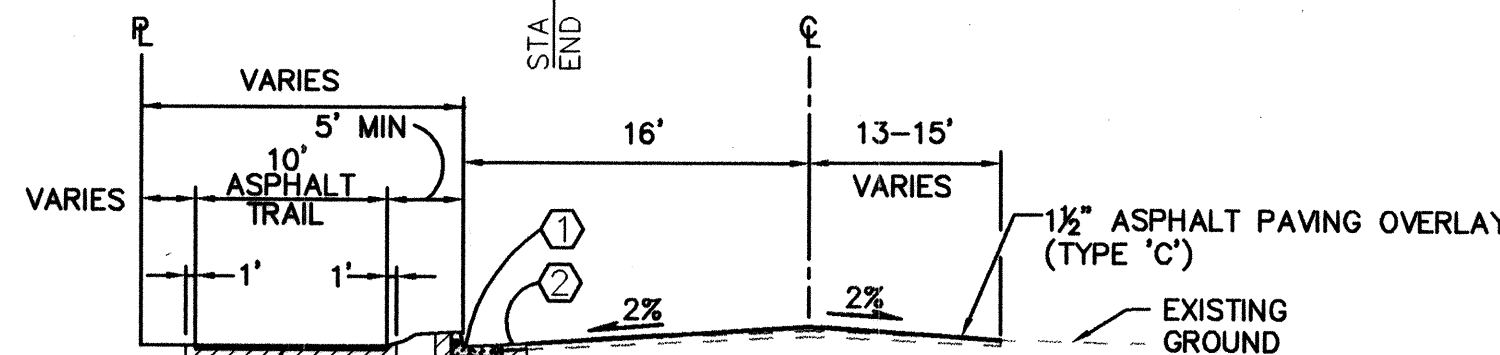
TRAIL	RADIUS	LENGTH	DELTA	CHD BRG
TR3	350.00	44.00	7°12'09"	S 14°43'18" E
TR4	400.00	99.70	14°16'53"	N 11°10'56" W
TR5	350.00	44.20	7°14'08"	S 07°39'33" E

SIGN KEY	
A	R5-3 (18"x18")
B	W2-1 (18"x18")



ROAD SECTION A-A

NTS
(APPLIES FROM NORTH END TO STA 12+57)

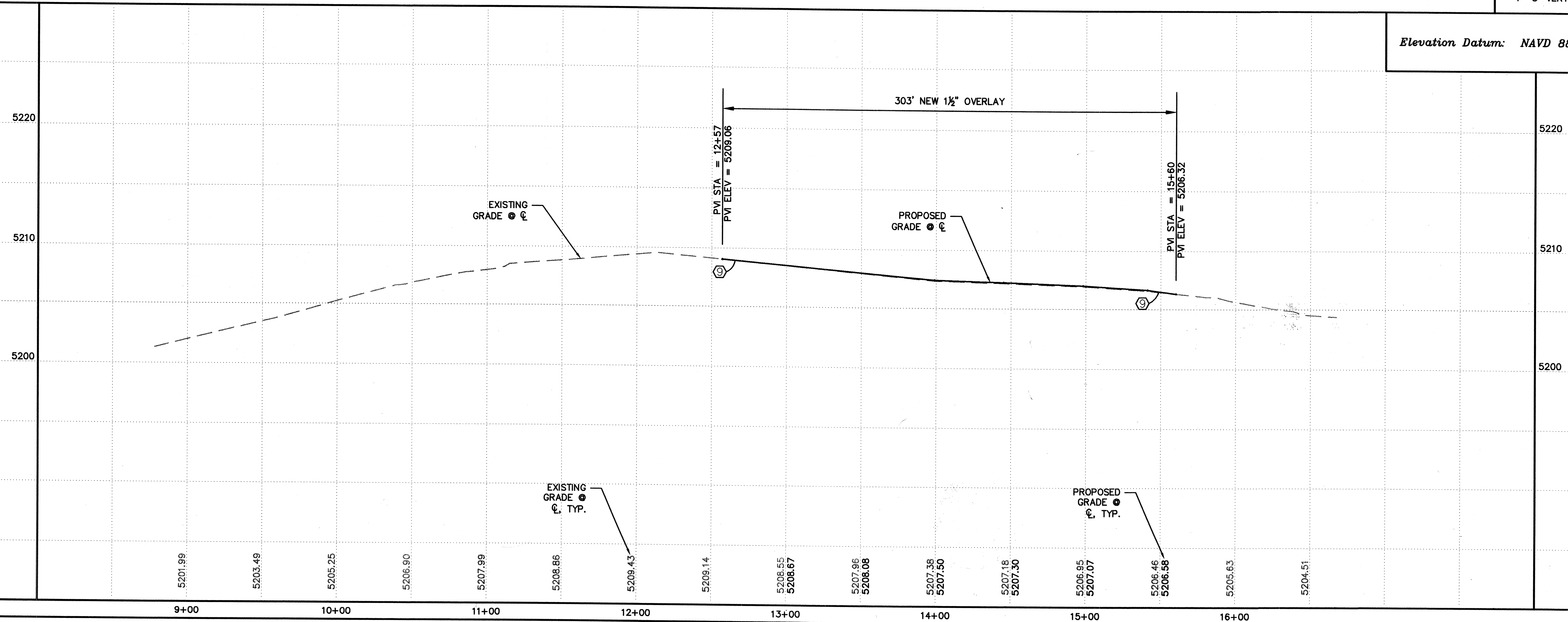


ROAD SECTION B-B

NTS
(APPLIES FROM STA 12+57 TO STA 15+60)

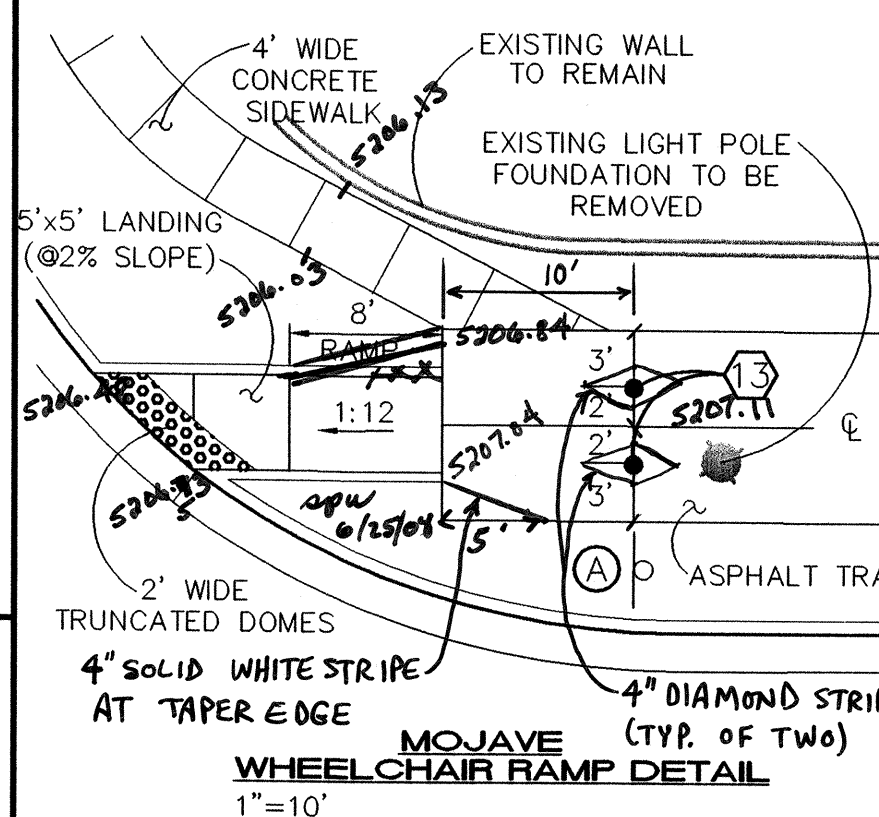
SCALES:
1"=40' HOR.
1"=5' VERT.

Elevation Datum: NAVD 88

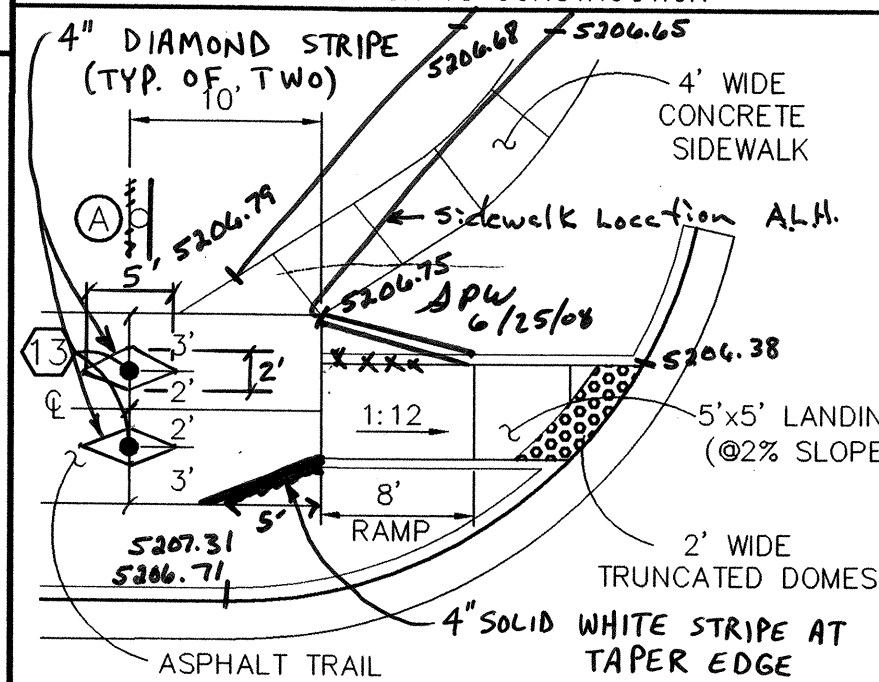


KEYED CONSTRUCTION NOTES

- BUILD STANDARD CURB & GUTTER PER COA STD. DWG. #2415A AND SUBGRADE DETAIL.
- SAWCUT EXISTING ASPHALT & REMOVE PAVING TO THE EAST. PLACE NEW A.C. PAVING BETWEEN SAWCUT LINE AND NEW CURB PER PAVEMENT SECTION AS NEEDED. NEW CURB CAN BE PLACED NEAT AGAINST ASPHALT CUT.
- EXISTING STANDARD CURB & GUTTER TO REMAIN.
- EXISTING 4' WIDE CONCRETE SIDEWALK TO REMAIN.
- NEW 1 1/2" ASPHALT PAVING OVERLAY TYPE C OVER TACK COAT.
- NEW 10' WIDE ASPHALT TRAIL PER COA STD. DWG. #2415B WITH 4" WIDE YELLOW BROKEN (3' LONG WITH 9' GAP) CENTER STRIPING.
- REMOVE & DISPOSE 24 LF STD CURB & GUTTER.
- EXISTING WALL TO REMAIN.
- PROVIDE SMOOTH-RIDING CONNECTION TRANSITION AT STA. 12+57 AND STA. 15+60 TO MATCH EXISTING PAVEMENT ELEVATIONS. REMOVE AND DISPOSE OF 10LF EXISTING PAVING OR MILL EXISTING SURFACE TO 1 1/2" DEPTH.
- REMOVE & DISPOSE EXISTING PC CONCRETE MEDIAN. REPLACE WITH A.C. PAVEMENT (30 S.Y.) SECTION SHOWN. STRIPE OUT AREA (4'X50') WITH YELLOW PLASTIC STRIPING.
- BUILD NEW 4' WIDE SIDEWALK PER COA STD DWG #2430.
- PLACE 4" SOLID WHITE STRIPE FROM STA 12+00, 15' RT TO STA 12+67, 10' RT AND ALONG PAVEMENT EDGE FROM STA 12+67 TO STA 15+60.
- INSTALL 2 REMOVABLE BOLLARDS WITH RUBBER SHOCK PER COA STD DWG #2250 ON 4' CENTER.



NOTE:
INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION



SANTO DOMINGO WHEELCHAIR RAMP DETAIL
1"=10'

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque, New Mexico 87108
Ph. 505-268-8828 Fax. 505-268-2632
1286.1PVI.DWG.rth 06.20.06

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **ATRISCO AVENUE IMPROVEMENTS
OLD UNSER BLVD
PAVING PLAN & PROFILE**

Design Review Committee: **APPROVED** JUL 2 2 2008
City Engineer Approval: **APPROVED** AUG 2 9 2008
City Project No.: **720182**

Zone Map No.: **E-10-Z**
Sheet: **4R** Of **4**

REVISIONS
NO. DATE REMARKS
DESIGNED BY: **SMM** DATE: **02/08**
DRAWN BY: **SMM** DATE: **02/08**
CHECKED BY: **SMM** DATE: **02/08**