

# GENERAL CONSTRUCTION NOTES

1. ANY WORK TO BE PERFORMED WITHIN THE MIDDLE RIO GRANDE CONSERVANCY DISTRICT (MRGCD) RIGHT-OF-WAY SHALL BE CLOSELY COORDINATED WITH THE MRGCD, ENGINEERING DEPARTMENT AND APPROPRIATE FIELD OFFICE. PHONE: (505) 241-6734.
2. NO WORK IS TO BE DONE ON FACILITIES OR STRUCTURES BELONGING TO OR OPERATED BY THE MRGCD, BETWEEN MARCH 1 AND OCTOBER 31 INCLUSIVE. HOWEVER, WORK MAY BE PERMITTED BY THE MRGCD IF IT CAN BE SHOWN THAT THE WORK WILL NOT INTERFERE WITH OPERATIONS OF THE MRGCD FACILITY. ALL WORK TO BE DONE WITHIN THE MRGCD FACILITY MUST BE APPROVED BY THE MRGCD, ENGINEER PRIOR TO COMMENCING WORK.
3. THE CONTRACTOR SHALL NOT STORE EQUIPMENT, NEW MATERIALS OR DEBRIS WITHIN DISTRICT RIGHT-OF-WAY WHICH MAY INTERFERE WITH OPERATIONS AND MAINTENANCE OF THE MRGCD FACILITY.
4. THE CONTRACTOR SHALL NOT SERVICE VEHICLES OR EQUIPMENT WITHIN MRGCD, RIGHT-OF-WAY.
5. SEEDING OF DISTURBED AREAS WITHIN MRGCD, RIGHT-OF-WAYS IS REQUIRED PER THE MRGCD, SEEDING SPECIFICATION.
6. THE CONTRACTOR MUST MAINTAIN A MINIMUM COVER OF 3' OVER ALL CULVERT CROSSINGS USED TO ACCESS THE PROJECT SITE.
7. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING AND/OR REPLACEMENT OF ANY STRUCTURES REMOVED AND/OR DAMAGED DUE TO THE CONTRACTOR'S ACTIVITIES WITHIN THE DISTRICT'S RIGHT-OF-WAY. SHOULD ANY TURNOUT, CULVERT PIPES OR STRUCTURES REQUIRE REPLACEMENT DUE TO LEAKAGE AND/OR DAMAGE BY THE CONTRACTOR, NEW TURNOUTS AND NEW CULVERT PIPES AND OR NEW STRUCTURES SHALL REPLACE THE DAMAGED ITEM. REPAIRS AND/OR REPLACEMENTS WITHIN THE DISTRICT'S RIGHT-OF-WAY MUST COMPLY WITH THE DISTRICT'S SPECIFICATIONS.
8. ALL DAMAGED CULVERT CROSSINGS AND CULVERT CROSSINGS REMOVED AND/OR DISTURBED MUST BE RESTORED AND/OR REPLACED TO THE SATISFACTION OF THE MRGCD, AND COMPLY WITH MRGCD, SPECIFICATIONS.
9. ALL SALVAGEABLE CULVERTS, IRRIGATION GATES, ETC. MUST BE RETURNED TO THE MRGCD.
10. THE CONTRACTOR IS RESPONSIBLE FOR EXECUTING A "SPECIAL USE LICENSE AGREEMENT" WITH THE MRGCD, PRIOR TO CONSTRUCTION.

## HYDROLOGY CALCULATIONS

ALBUQUERQUE, NM DPM (JANUARY, 1993) CRITERIA - SIMPLE PROCEDURE

PRECIPITATION ZONE 1 - PER DPM 222  
100 - YR Design Storm (P) Depth (in)  
17 6.7 2.41 4.64  
181 220 2.66 3.2 10day 3.61

EXISTING CONDITIONS	TREATMENT	TRTMT	AREA	P6	Q	Q	V6	V24	V4day	V10day
CLASS	%	(AC)	(IN/AC)	(CF8/AC)	(CF8)	(CF)	(CF)	(CF)	(CF)	(CF)
A	0	0	0.44	129	0	0	0	0	0	0
B	25.3	0.209	0.61	2.03	0.424	5.08	5.08	5.08	5.08	5.08
C	25.3	0.209	0.39	2.81	0.600	7.51	7.51	7.51	7.51	7.51
D	49.4	0.403	1.51	4.31	1.181	29.25	36.08	42.91	51.07	51.07
TOTALS:	100	0.821			2.811	41.84	48.67	55.50	63.66	

## LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION
- FLOW DIRECTION ARROW
- SWALE DIRECTION
- FF FINISHED FLOOR
- FG FINISHED GRADE
- TC TOP OF CONCRETE
- FL FLOWLINE
- TA TOP OF ASPHALT
- TG TOP OF GRADE
- INV INVERT
- 97.99 AS-BUILT ELEVATION
- 97.53 AS-BUILT ELEVATION
- 97.50 AS-BUILT ELEVATION

## LEGAL DESCRIPTION

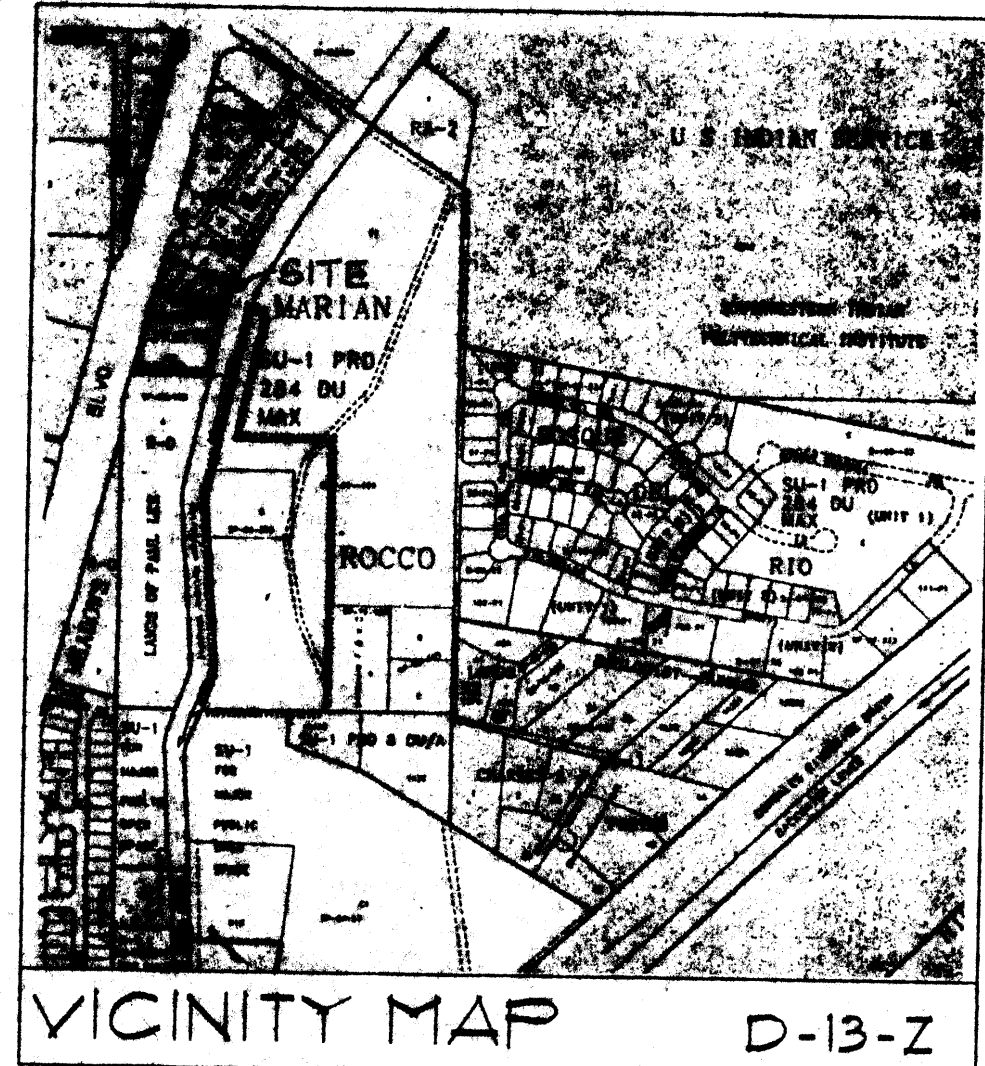
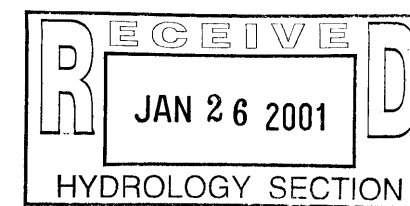
LOT NUMBERED ONE (1) OF BOSQUE DEL PUEBLO, A SUBDIVISION IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT THEREOF FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON JULY 31, 1999, IN VOLUME C39, FOLIO 121.

## BENCHMARK INFORMATION

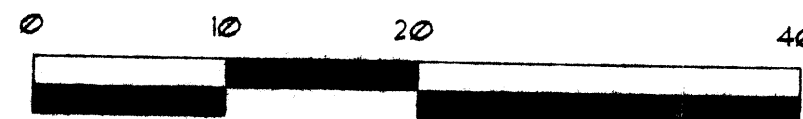
1. ACS MONUMENT 6-D12, LOCATED ON THE EASTERLY RIGHT OF WAY OF NM 448, 6,000 FT. NE OF THE INTERSECTION OF LA ORILLA, MBL ELEVATION 4991.442, OBTAINED FROM CITY OF ALBUQUERQUE MONUMENT REFERENCE.
2. TEMPORARY BENCHMARK (TBM) ESTABLISHED ON TOP OF REBAR LOCATED AT THE NORTHEAST CORNER OF THE PARCEL AS SHOWN.

## KEYED NOTES

1. 4'-0" BREAK IN RAISED CURB
2. PAVED ROUNDOFF
3. REFUSE ENCLOSURE - SEE 5/C2
4. 4" SAS SERVICE
5. WATER SERVICE
6. NEW ASPHALT PAVING - SEE 4/C2
7. 4000 PSI CONCRETE WALK WITH EXPANSION JOINTS PER 6/C2
8. NEW DRIVE PAD PER CITY OF ALBUQUERQUE STANDARD DRAWING 2426
9. 6" CONCRETE PAD AND APRON - SEE 5/C2
10. GRAVEL WALKWAY
11. SAUCUT, REMOVE AND REPLACE CONCRETE PAVING AFTER NEW DRAIN LINE IS INSTALLED, SEE DETAIL 5/C2.
12. 4'-0" DIAMETER MANHOLE PER DETAIL 5/C2. INVERT ELEV. IN = 94.21, INVERT. ELEV. OUT = 94.11



N



## GRADING, DRAINAGE & UTILITY PLAN

SCALE: 1" = 10'

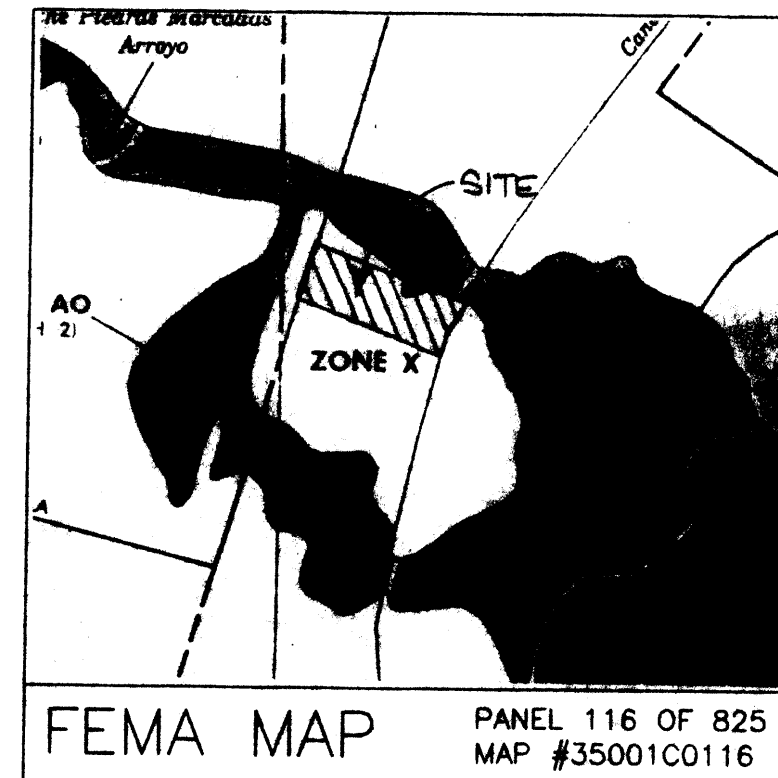
## ENGINEER'S CERTIFICATION

I, MIKE J. WALLA P.E., DO HEREBY CERTIFY THAT I HAVE REVIEWED THE "AS-BUILT" TOPOGRAPHIC SURVEY INFORMATION PROVIDED HERE AND PERFORMED A SITE VISIT TO VERIFY THE CONSTRUCTION OF SITE IS IN SUBSTANTIAL COMPLIANCE WITH THE DESIGN INTENT OF THE ORIGINAL GRADING AND DRAINAGE PLAN. REVISIONS TO THE ORIGINAL DESIGN WERE MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ORIGINAL APPROVED DESIGN.

MIKE J. WALLA, P.E. 11/24/01  
DATE

## AS-BUILT SURVEY

"AS-BUILT" ELEVATIONS INDICATED ON THIS DRAWING WERE PROVIDED BY LARRY W. MEDRANO P.S. OF PRECISION SURVEYING, INC. THIS WORK WAS PERFORMED AFTER SUBSTANTIAL COMPLETION OF CONSTRUCTION ON JANUARY 24, 2001.



AMAFCA REVIEW

10-27-00  
DATE

Walla Structural Engineering  
1103 Indian School Road NE, Suite 210  
Albuquerque, New Mexico 87110  
888-550-5500 • Fax: 505-255-5500

BIKEWORLD WEST  
NEW SALES AND SERVICE BLDG.  
LOT 1 BOSQUE DEL PUEBLO

REVISIONS  
DATE  
9 MARCH 2000  
JOB NUMBER  
BIKE-001  
DRAWN BY  
KEL

C1