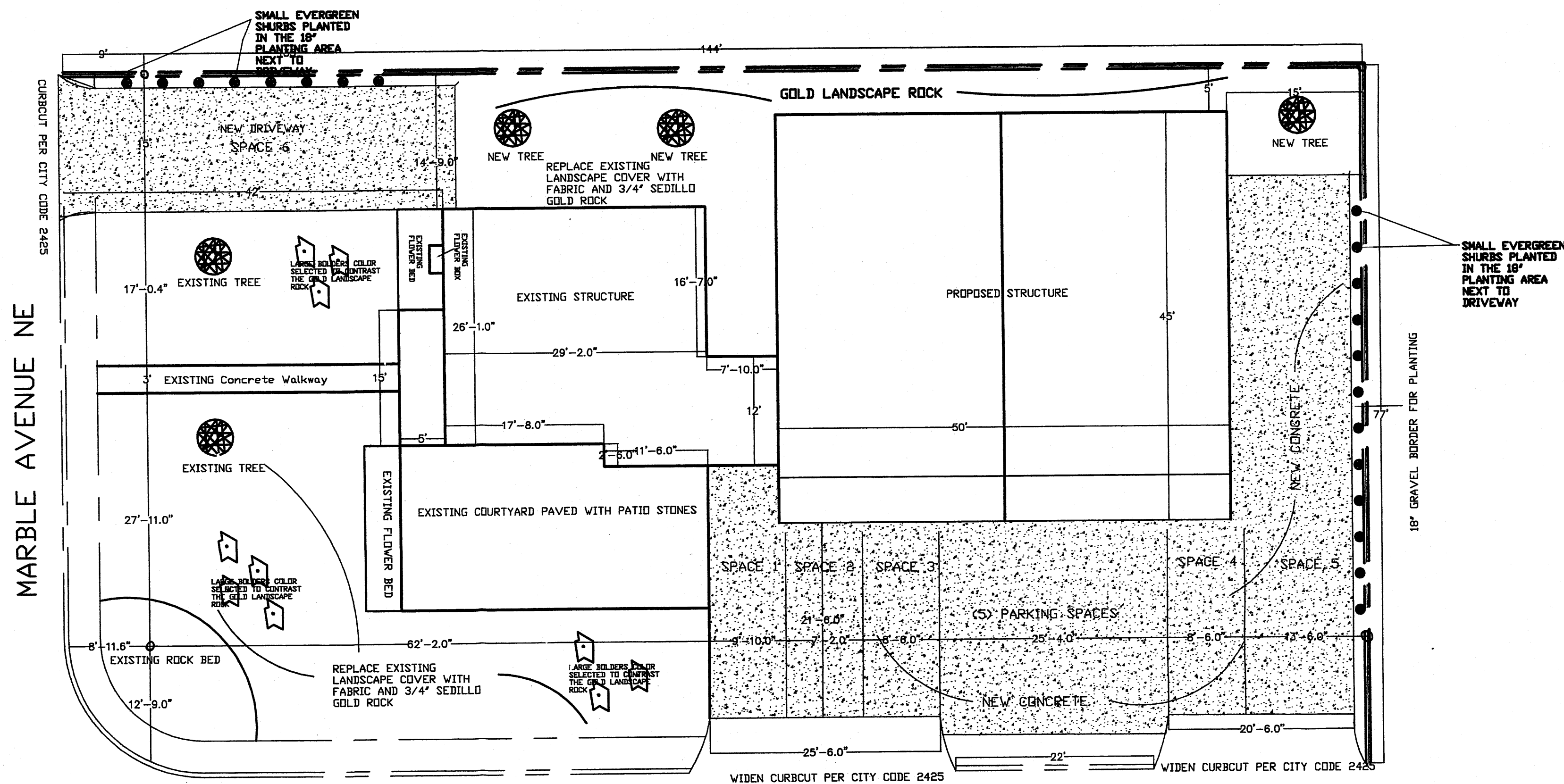
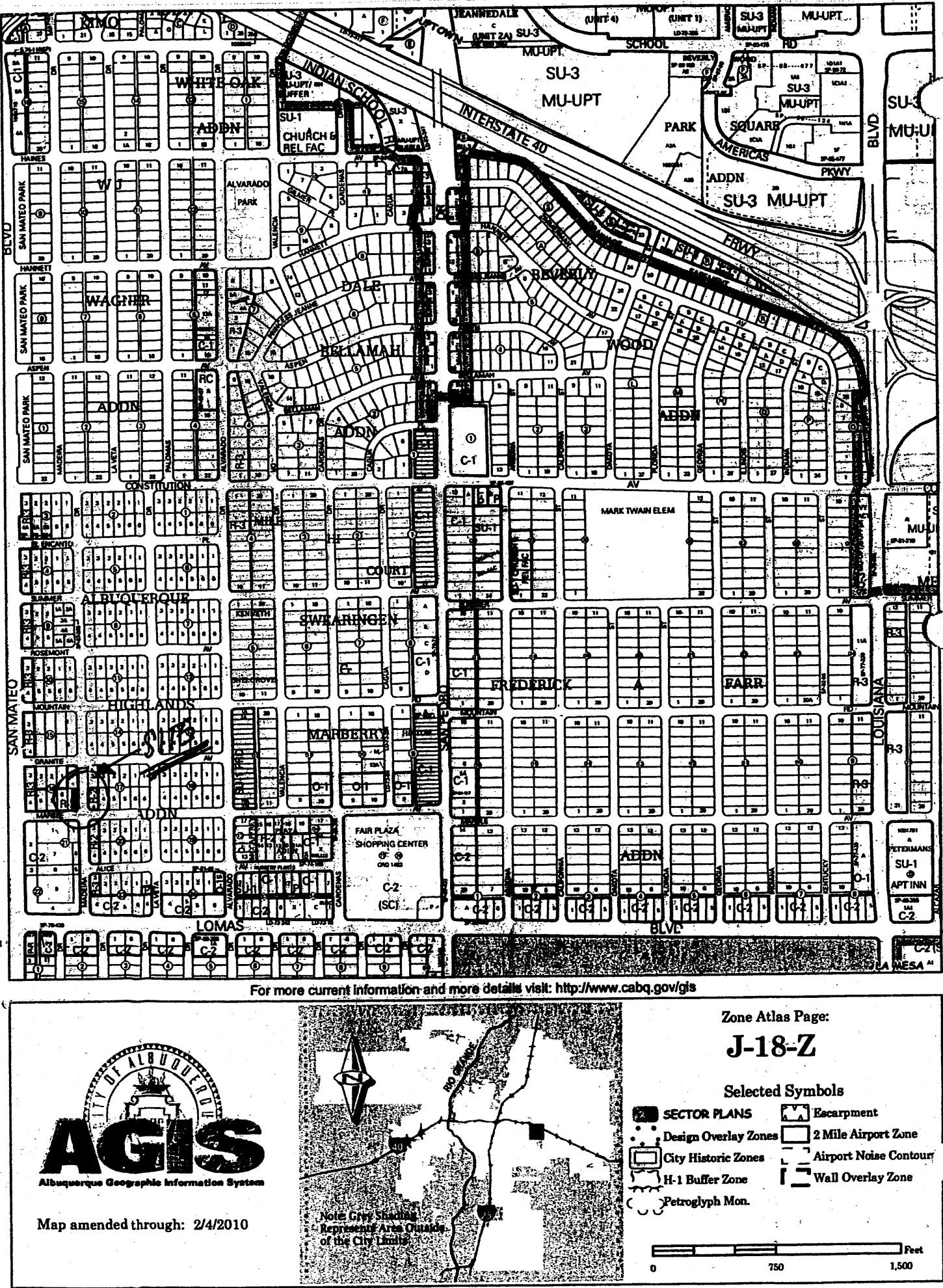


PARKING CALCULATIONS	
NUMBER OF BATHROOMS	3
NUMBER OF SPARES REQUIRED PER BATHROOM	1.5
NUMBER OF SPACES REQUIRED (ROUNDED UP)	5
NUMBER OF SPACES PROVIDED	6



PROPOSED LANDSCAPE/ PARKING PLAN



Public infrastructure shown on these plans for information only and not part of approval. Separate DRC/Permit approval and Work Order required.

ALL WHEELCHAIR RAMPS LOCATED WITHIN THE PUBLIC RIGHT OF WAY MUST HAVE TRUNCATED DOMES.



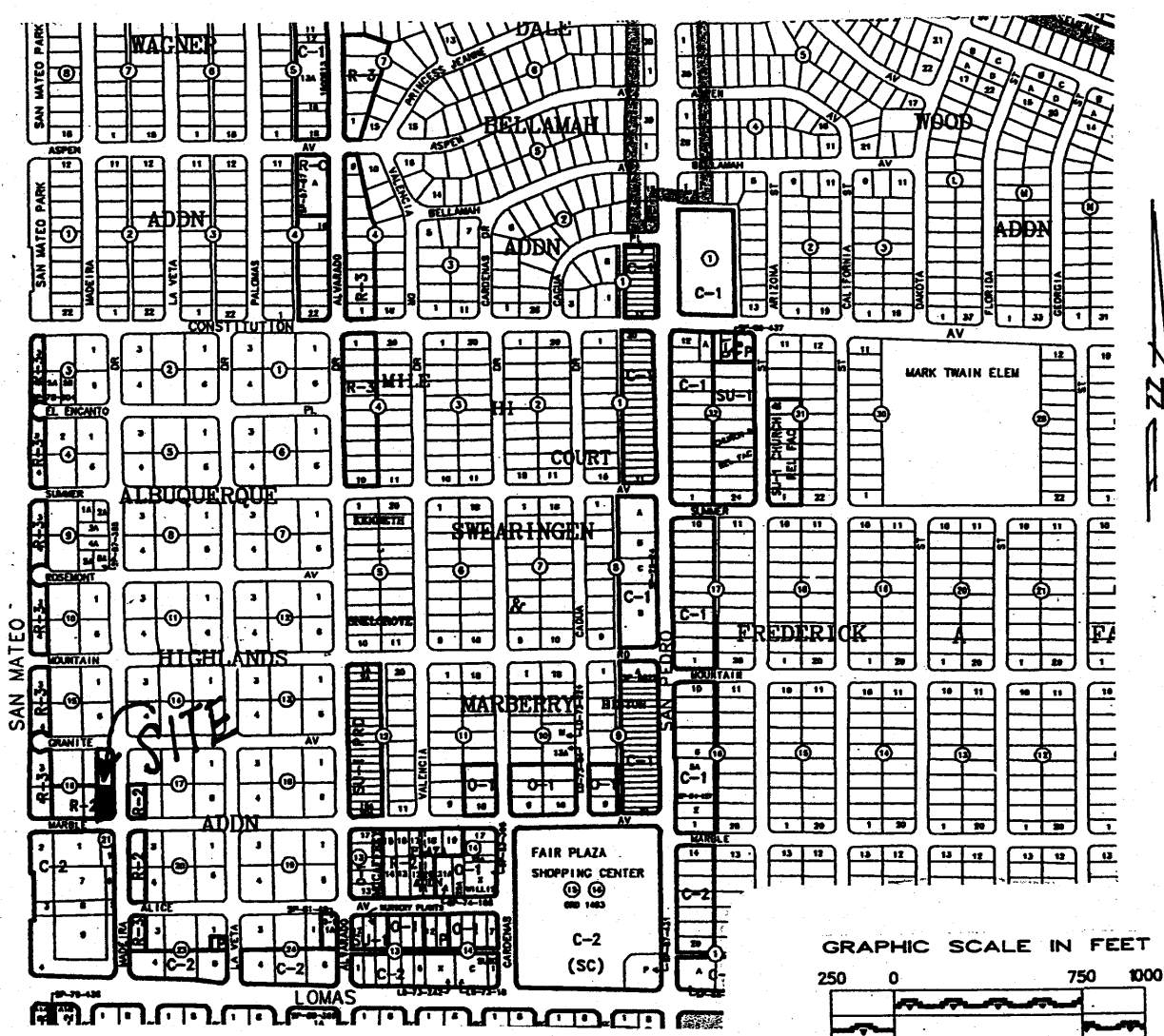
TRAFFIC CIRCULATION LAYOUT APPROVED
Signed: [Signature] Date: 05-03-11

AREA	SF
LOT	10368
EXISTING BLDG	873
NEW BUILDING	2250
NEW CONCRETE	2745
LANDSCAPE AREA	4500

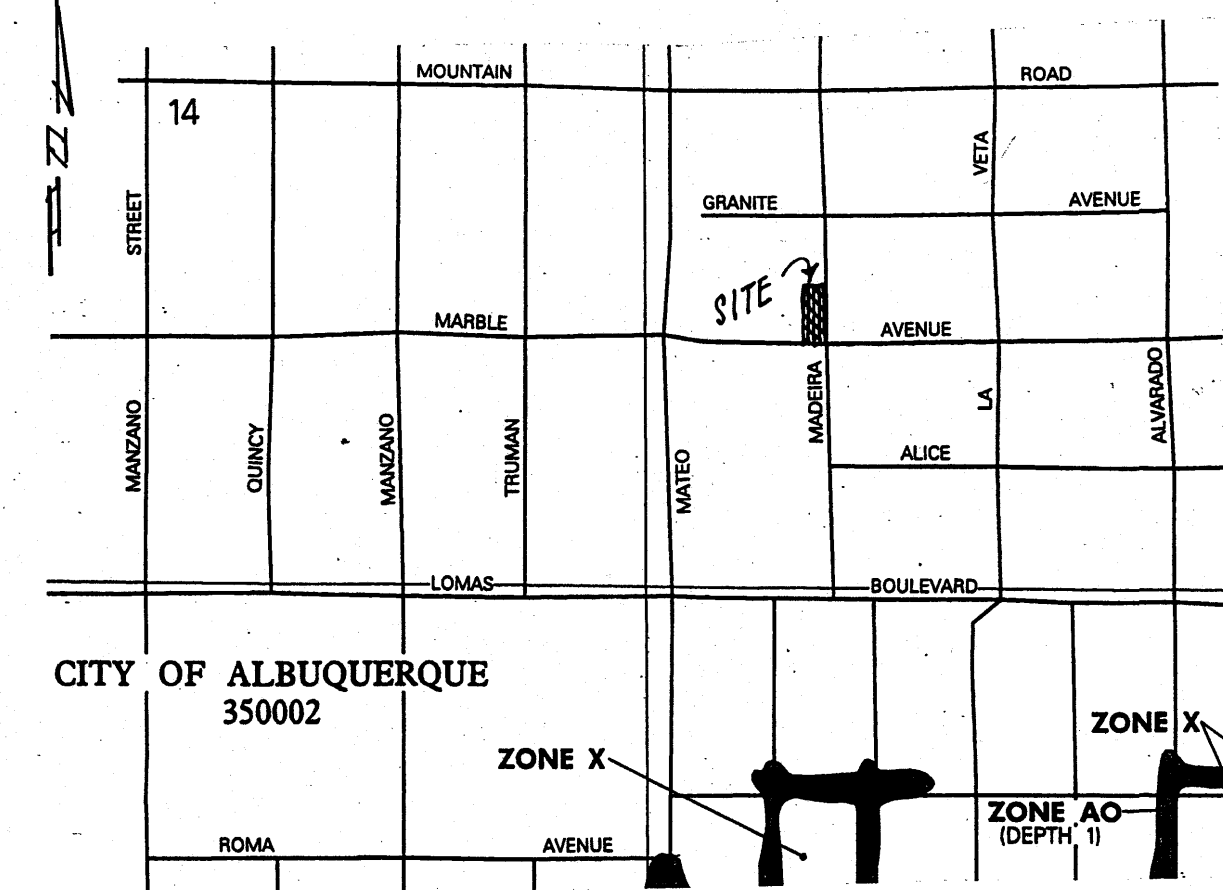
T.C.L. PLAN

DUPLEX ADDITION
 5321 MARBLE ST. NE
 ALBUQUERQUE N.M. 87110
 LOT 6 BLOCK 16 ALBQ Highlands
 LANDSCAPE PLAN

1 of 9



Zone Atlas Page J-18-Z



F.E.M.A. PANEL 354 OF 825

EROSION CONTROL MEASURES:

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR MANAGEMENT OF STORM RUNOFF DURING CONSTRUCTION. HE SHALL ENSURE THAT THE FOLLOWING MEASURES ARE TAKEN:

- 1) ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY CONSTRUCTION OF BERMS, DIKES, SWALES, PONDS, AND OTHER TEMPORARY GRADING AS REQUIRED TO PREVENT STORM RUNOFF FROM LEAVING THE SUBJECT SITE AND ENTERING ADJACENT PROPERTIES.
- 2) ADJACENT PUBLIC RIGHT-OF-WAYS SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUNOFF FROM THE SUBJECT SITE. NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER PUBLIC STREET RIGHT-OF-WAYS.
- 3) THE CONTRACTOR SHALL IMMEDIATELY AND THOROUGHLY REMOVE ANY AND ALL SEDIMENT FROM PUBLIC STREETS THAT HAS BEEN ERODED FROM THE SUBJECT SITE AND DEPOSITED THEREON.

CONSTRUCTION NOTES:

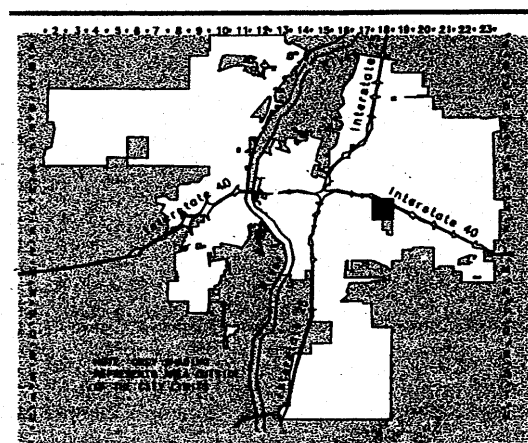
- 1) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 260-1990 FOR THE ACTUAL FIELD LOCATION OF THE EXISTING SURFACE OF SUB-SURFACE UTILITIES.
- 2) PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION(S) OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM OF DELAY.
- 3) ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- 4) ALL CONSTRUCTION WITHIN PUBLIC STREET RIGHT-OF-WAY(S) SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE/BERNALILLO COUNTY STANDARDS AND PROCEDURES.

LEGEND:

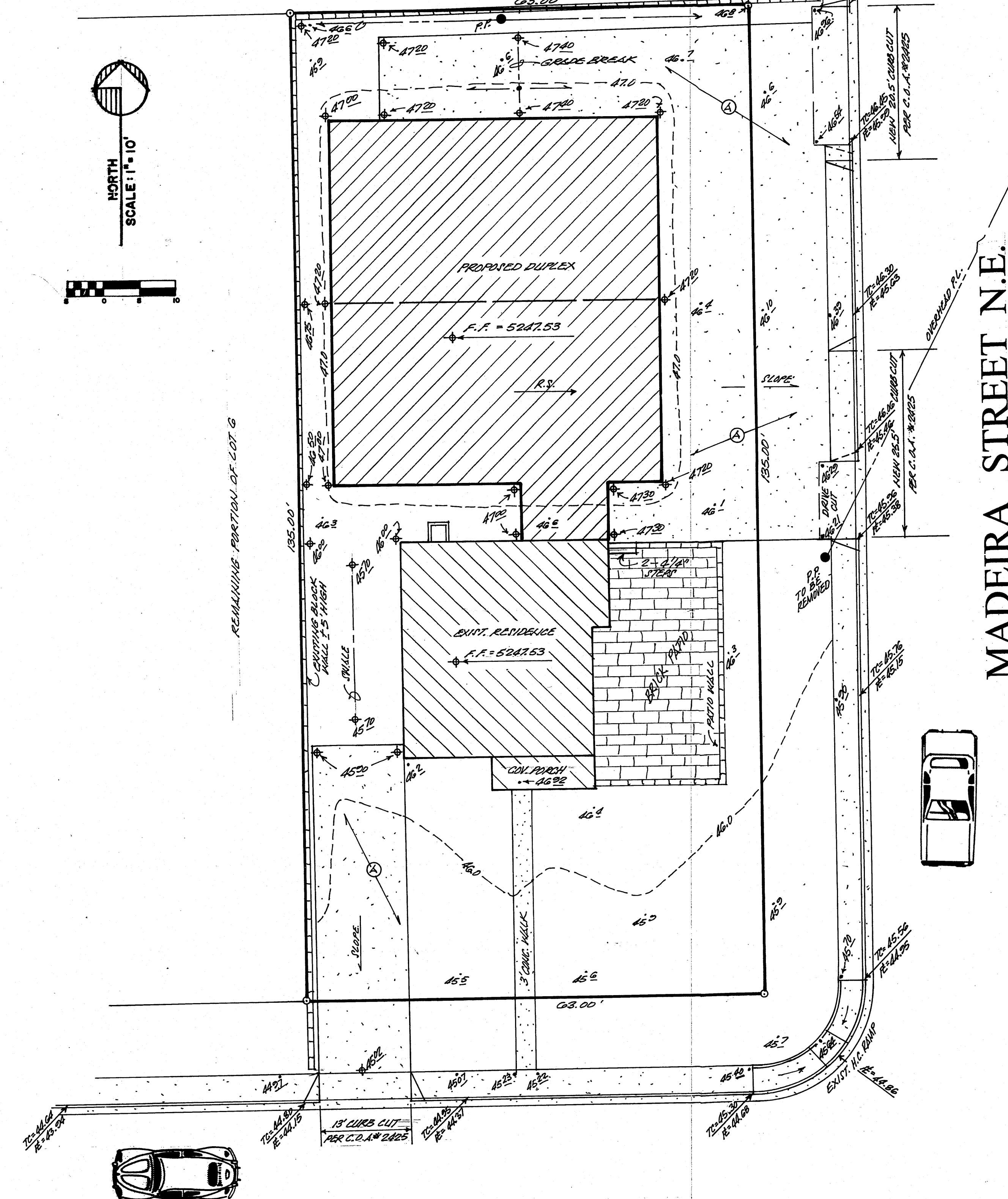
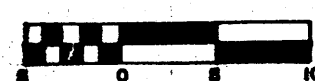
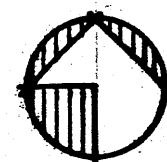
TOP OF CURB ELEVATION = 70'-44.25'
CURB FLOWLINE ELEVATION = 70'-44.10'
EXISTING SPOT ELEVATION = 70'-45.00'
EXISTING CONTOUR ELEVATION = 70'-45.00'
PROPOSED SPOT ELEVATION = 70'-47.00'
PROPOSED CONTOUR ELEVATION = 70'-47.00'
PROPOSED OR EXISTING CONCRETE SURFACE = 70'-47.00'
EXISTING FENCE LINE = 70'-47.00'

GENERAL NOTES:

- 1) NO PERIMETER BOUNDARY CORNERS HAVE BEEN FIELD ESTABLISHED PER THIS SURVEY OF THE SUBJECT PROPERTY.
- 2) NO SEARCH HAS BEEN MADE FOR EASEMENTS OF RECORD OTHER THAN SHOWN HEREON.



LOCATION MAP



MARBLE AVENUE N.E.

MADEIRA STREET N.E.

Zone	Treatment			
	A	B	C	D
1	1.29 (0.00, 0.34)	2.29 (0.00, 0.78)	2.87 (0.47, 1.48)	4.27 (1.48, 2.88)
2	1.68 (0.00, 0.38)	2.28 (0.00, 0.68)	3.14 (0.80, 1.71)	4.70 (1.88, 3.14)
3	1.87 (0.00, 0.58)	2.80 (0.21, 1.18)	3.45 (0.78, 2.00)	5.02 (2.04, 3.59)
4	2.80 (0.00, 0.87)	2.80 (0.21, 1.48)	3.79 (1.00, 2.39)	5.02 (2.17, 3.87)

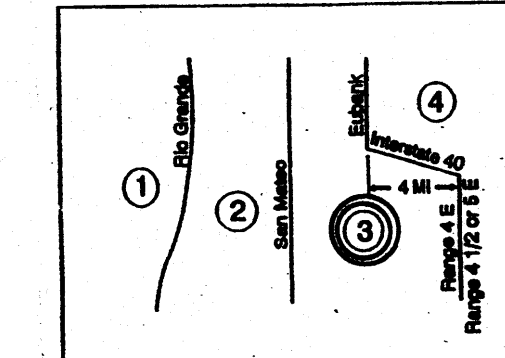
Zone	Intensity	
	Intensity	100-Yr. (2-Yr. 10-Yr.)
1	4.70 (1.84, 2.14)	
2	5.08 (2.04, 2.41)	
3	5.38 (2.21, 3.05)	
4	5.81 (2.24, 2.83)	

A-1 PRECIPITATION ZONES

Bernalillo County's four precipitation zones are indicated in TABLE A-1 and on FIGURE A-1.

TABLE A-1. PRECIPITATION ZONES	
Zone	Location
1	West of the Rio Grande
2	Between the Rio Grande and San Mateo
3	Between San Mateo and Eubank, North of Interstate 40; and between San Mateo and the East boundary of Range 4 East, South of Interstate 40
4	East of Eubank, North of Interstate 40; and East of the East boundary of Range 4 East, South of Interstate 40

FIGURE A-1



Where a watershed extends across a zone boundary, use the zone which contains the larger portion of the watershed.

DPM SECTION 22.2 - HYDROLOGY

January, 1999

TABLE A-4. LAND TREATMENTS	
Treatment	Land Condition
A	Soil uncompacted by human activity with 0 to 10 percent slopes. Native grasses, weeds and shrubs in typical densities with minimal disturbance to grazing, groundwater and infiltration capacity. Cattle, horses, and sheep.
B	Irrigated lawns, parks and golf courses with 0 to 10 percent slopes. Native grasses, weeds and shrubs, and soil uncompacted by human activity with slopes greater than 10 percent and less than 20 percent. Cattle, horses, and sheep.
C	Soil compacted by human activity. Minimal vegetation. Unpaved parking, roads, trails. Most vacant lots. Gravel or rock on plastic (except landscaping). Irrigated lawns and parks with slopes greater than 10 percent. Native grasses, weeds and shrubs, and soil uncompacted by human activity with slopes at 20 percent or greater. Native grass, weed and shrub areas with clay or clay loam soils and other soils of very low permeability as classified by SCS Hydrologic Soil Group D.
D	Impervious areas, pavement and roofs.

Most watersheds contain a mix of land treatments. To determine proportional treatments, measure respective subareas. In lieu of specific measurement for treatment D, the area percentages in TABLE A-5 may be employed.

Drainage Comments:

As shown on the Vicinity Map hereon, the subject site is located at the Northwest corner of the intersection of Marble Avenue N.E. and Madeira Street N.E., in the City of Albuquerque, New Mexico.

The subject site presently has an existing residential structure thereon, the proposal plan is to construct an attached "Duplex Addition" and associated improvements thereto.

The subject site, 1.) does not lie within a designated Floodplain (Re: F.E.M.A. Panel 354 of 825), 2.) does not contribute to the offsite flows of adjacent properties, 3.) does not accept offsite flows from adjacent properties, 4.) will not have an adverse affect to downstream properties by free discharging developed flows.

Drainage Calculations:

Per Section 22.2, Hydrology of the Development Process Manual, Volume 2, Design Criteria for the City of Albuquerque, Bernalillo County, New Mexico.

Site Area: 8,505.0 sq. ft., (0.20 ac.)

Precipitation Zone: Three (3), Table A-1

Peak Intensity: In./Hr. at Tc = Twelve (12) Minutes, (100-Yr. / 6 Hr.) = 5.38, Table A-10.

"Land Treatment Method" for calculation of "Qp", Tables A-8 & A-9.

"Land Treatment Factors", Table A-4.

Existing Conditions:

TREATMENT	AREA/ACRES	FACTOR	CFS
C	0.16	X	3.45 = 0.55
D	0.04	X	5.02 = 0.20

"Qp" = 0.75 CFS

Proposed Conditions:

TREATMENT	AREA/ACRES	FACTOR	CFS
C	0.06	X	3.45 = 0.21
D	0.14	X	5.02 = 0.70

"Qp" = 0.91 CFS

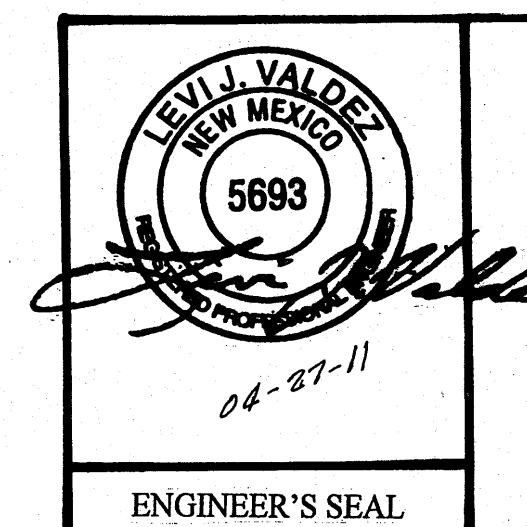
*INCREASE = 0.16 CFS

Legal Description:

E'ly 63' OF Lot 6, Block 16, ALBUQUERQUE HIGHLANDS ADDITION, Albuquerque, New Mexico, (J-18-Z).

Bench Mark Reference:

A.E.S. Station "24-J18", Elevation = 5232.58; Project T.B.M. as shown on plan hereon.



GRADING AND DRAINAGE PLAN

A PROPOSED
DRAINAGE PLAN
FOR
A DUPLEX ADDITION AT
5321 MARBLE STREET N.E.
ALBUQUERQUE, NEW MEXICO
APRIL, 2011