

CONSTRUCTION NOTES:

- 1.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 765-1234 FOR LOCATION OF EXISTING UTILITIES.
- 2.) PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION 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 APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- 4.) ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.

EROSION CONTROL MEASURES:

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR MANAGEMENT FOR STORM RUN-OFF DURING CONSTRUCTION; HE SHALL INSURE 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 SITE AND ENTERING ADJACENT PROPERTIES.
- 2.) ADJACENT PUBLIC RIGHT-OF-WAYS SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUNOFF FROM THE SITE. NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER PUBLIC STREETS.
- 3.) THE CONTRACTOR SHALL IMMEDIATELY AND THOROUGHLY REMOVE ANY AND ALL SEDIMENT WITHIN PUBLIC STREETS THAT HAS BEEN ERODED FROM THE SITE AND DEPOSITED THERE.

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 WITHIN THE SUBJECT SITE OTHER THAN THOSE SHOWN ON THE PLAT OF RECORD.
- 3.) REFER TO "ARCHITECTURAL SITE PLAN" FOR FIELD LAYOUT OF THE PROPOSED IMPROVEMENTS.
- 4.) TOPOGRAPHY SURVEY OBTAINED BY "TRANSIT-STADIA" METHOD.

LEGEND:

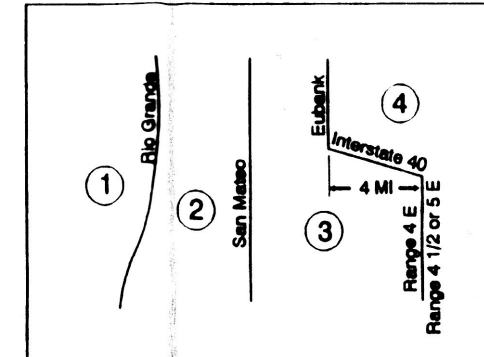
- T.C. 19.45 = TOP OF CURB ELEVATION
- R. 18.80 = CURB RUN LINE ELEVATION
- 22 --- = EXISTING OR PROPOSED CONCRETE
- 22.0 --- = EXISTING CONTOUR
- 22.0 --- = PROPOSED CONTOUR
- 21.75 --- = EXISTING FENCE
- 21.75 --- = PROPOSED FENCE ELEVATION
- 21.75 --- = PROPOSED LIMITS OF NEW PAVING

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 largest portion of the watershed.

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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 grading, groundwater and infiltration capacity. Croplands. Unfilled arroyos.
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.
C	Soil compacted by human activity. Minimal vegetation. Unpaved parking, roads, trails. Most vacant lots. Gravel or rock on plastic (desert 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 areal percentages in TABLE A-5 may be employed.

DRAINAGE COMMENTS AND CALCULATIONS:

AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS LOCATED ON THE SOUTH SIDE OF LINN AVENUE N.E. BETWEEN DOROTHY STREET N.E. AND SHIRLEY STREET N.E., IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, (ZONE ATLAS MAP "L-21-Z").

THE SUBJECT SITE, 1.) IS NOT LOCATED WITHIN A DESIGNATED FLOOD-PLAIN (RE: FEMA panel 37 OF 50), 2.) IS PRESENTLY AN UNDEVELOPED VACANT LOT, 3.) DOES NOT LIE ADJACENT TO A NATURAL OR ARTIFICIAL WATER COURSE, 4.) PRESENTLY CONTRIBUTES TO THE OFFSITE FLOWS OF THE PROPERTY LYING IMMEDIATELY WEST OF AND ADJACENT TO THE SUBJECT LOT, 5.) PRESENTLY ACCEPTS AND WILL CONTINUE TO ACCEPT OFFSITE FLOWS FROM THE PROPERTY LYING IMMEDIATELY SOUTH OF AND ADJACENT TO THE SUBJECT SITE, THESE OFFSITE FLOWS WILL BE ROUTED THROUGH THE PROPOSED CONCRETE TROUGH SHOWN ON THE PLAN HEREON AND WILL BE DISCHARGED INTO LINN AVENUE N.E., 6.) ALL DEVELOPED FLOWS WILL BE DISCHARGED THROUGH THE PROPOSED DRIVEPADS AND INTO SAID LINN AVENUE N.E..

CALCULATIONS:

PER SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2, DESIGN CRITERIA FOR THE CITY OF ALBUQUERQUE, NEW MEXICO, DATED: JANUARY - 1993.

SITE AREA: 15,000.00 SQ. FT. (0.34 ACRE)

PRECIPITATION ZONE: THREE (3)

PEAK INTENSITY: "I" = 5.38

EXISTING CONDITIONS:

TREATMENT	AREA/ACRES	FACTOR	CFS
A	0.00	X	1.87 = 0.00
B	0.00	X	2.60 = 0.00
C	0.34	X	3.45 = 1.17
D	0.00	X	5.02 = 0.00

"Q_D" = 1.17 CFS

PROPOSED DEVELOPED CONDITIONS:

TREATMENT	AREA/ACRES	FACTOR	CFS
A	0.00	X	1.87 = 0.00
B	0.00	X	2.60 = 0.00
C	0.04	X	3.45 = 0.14
D	0.30	X	5.02 = 1.51

"Q_D" = 1.65 CFS

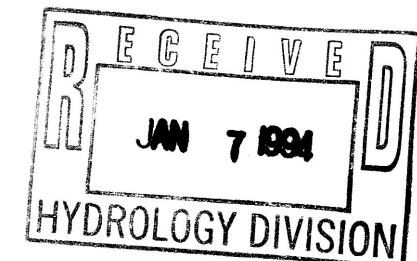
*** INCREASE = 0.48 CFS

LEGAL DESCRIPTION:

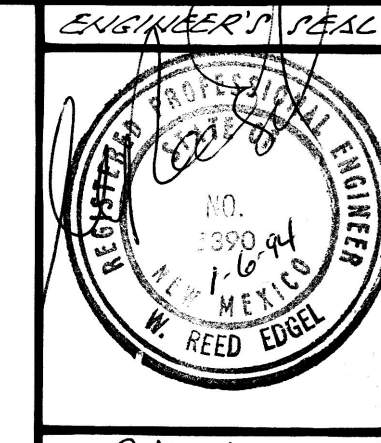
LOTS 22 & 23, IN BLOCK 4, EAST CENTRAL BUSINESS ADDITION, TO THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

BENCH MARK REFERENCE:

ACS STATION "NM BER. 3", M.S.L.D. ELEVATION = 5486.945; PROJECT BENCH MARK AS SHOWN ON THE PLAN HEREON.



A PROPOSED GRADING AND DRAINAGE PLAN FOR PROPOSED IMPROVEMENTS ON LOTS 22 & 23, BLOCK 4 EAST CENTRAL BUSINESS ADDITION ALBUQUERQUE, NEW MEXICO DECEMBER, 1993



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