

- NOTICE TO CONTRACTOR:**
- 1.) AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THIS PLAN MUST BE SUBMITTED AT THE TIME OF APPLICATION OF THIS PERMIT.
 - 2.) ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATION - PUBLIC WORKS CONSTRUCTION - 1985.
 - 3.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1980) FOR LOCATION OF EXISTING UTILITIES.
 - 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 SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
 - 5.) BACKFILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
 - 6.) MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.

APPROVALS	NAME	DATE
A.C.E./DESIGN	E. Montoya	6/4/94
INSPECTOR		
A.C.E./FIELD		

A.1 PRECIPITATION ZONES

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

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

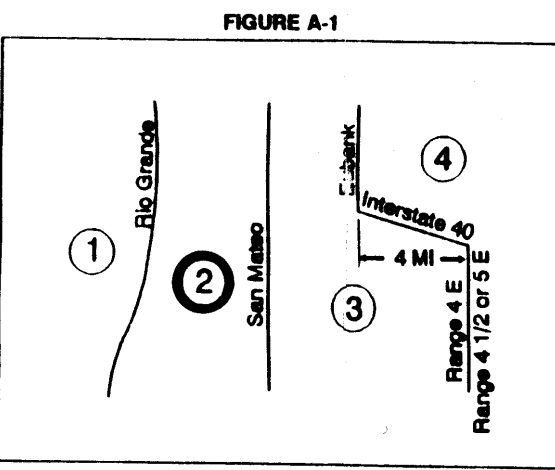


TABLE A-4. LAND TREATMENTS

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, groundcover 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 area percentages in TABLE A-5 may be employed.

NOTE: ALL WORK WITHIN PUBLIC EASEMENT SHALL BE PERFORMED UNDER SEPARATE PERMIT.

DRAINAGE COMMENTS:

AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS LOCATED AT THE NORTHEAST CORNER OF THE INTERSECTION OF WALTER STREET N.E. AND COPPER AVENUE N.E. IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

THE SUBJECT PROJECT SITE IS PRESENTLY IMPROVED WITH AN EXISTING BUILDING THAT IS BEING UTILIZED AS AN ELDERLY CARE FACILITY; THIS SUBJECT PLAN IS FOR A PROPOSED 768.0 SQUARE FOOT BUILDING ADDITION WITH ADDITIONAL IMPROVEMENTS FOR SAID FACILITY.

THE PROPOSED IMPROVEMENTS ARE TO FREE-DISCHARGE AS SHOWN ON THE PLAN HEREON; EXISTING ROOF DRAINS ARE TO REMAIN AS EXISTING.

CALCULATIONS:

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

SITE AREA: 6,745.0 SQ. FT. = 0.15 ACRES
 PRECIPITATION ZONE: ZONE TWO (2), TABLE A-1.
 PEAK INTENSITY: IN./HR. AT $T_c = 12$ MINUTES, 100-YR. = 5.05
 LAND TREATMENT METHOD FOR CALCULATION OF " Q_p "
 "LAND TREATMENT FACTORS", TABLE A-4.

EXISTING CONDITIONS:

TREATMENT	AREA/ACRES	FACTOR	CFS
C	0.03	X 3.14	= 0.09
D	0.12	X 4.70	= 0.56

" Q_p " = 0.65 CFS

PROPOSED CONDITIONS:

TREATMENT	AREA/ACRES	FACTOR	CFS
C	0.01	X 3.14	= 0.03
D	0.14	X 4.70	= 0.66

" Q_p " = 0.69 CFS

INCREASE = 0.04 CFS

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

LEGAL DESCRIPTION: LOT 20, BLOCK 24, HUNING HIGHLAND ADDITION, ALBUQUERQUE, NEW MEXICO.

BENCH MARK REFERENCE: STATION "I-25-25", M.S.L. ELEVATION = 5068.41; PROJECT BENCH MARK AS SHOWN HEREON.

CONSTRUCTION NOTES:

- 1.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 260-1980 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 BERM, 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.

LEGEND:

- T.C. = 03.76
 R. = 03.13
- 03 — = TOP OF CURB ELEVATION
 - 03 — = CURB FIN LINE ELEVATION
 - 03 — = EXISTING OR PROPOSED CONCRETE
 - 03 --- = EXISTING CONTOUR
 - 03 --- = PROPOSED CONTOUR
 - 03 — = EXISTING FENCE
 - 03 — = PROPOSED FENCE ELEVATION
 - 03 — = PROPOSED LIMIT OF NEW PAVING
 - 03 — = PROPOSED 6" HIGH BLOCK WALL
 - 03 — = EXISTING CONC. RETAINING WALL

A PROPOSED DRAINAGE PLAN FOR A PROPOSED ADDITION LOCATED AT 200 WALTER STREET N.E. ALBUQUERQUE, NEW MEXICO MAY, 1994

RECEIVED
MAY 27 1994

