

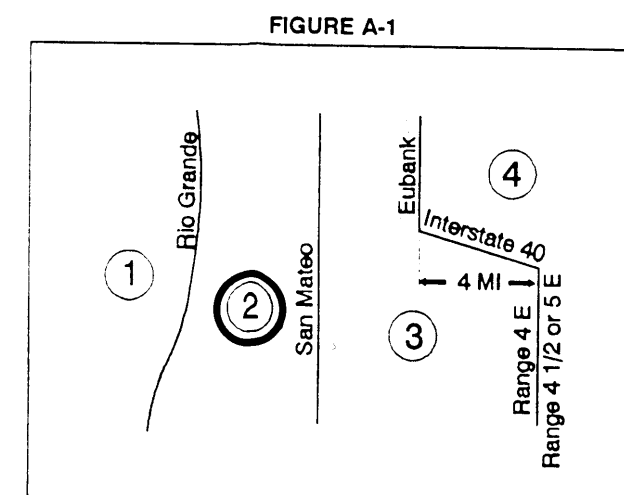
TABLE A-10. PEAK INTENSITY (IN/HR at $t_p = 0.2$ hour)		
Zone	Intensity	100-YR [2-YR, 10-YR]
1	4.70	[1.84, 3.14]
2	5.05	[2.04, 3.41]
3	5.38	[2.21, 3.65]
4	5.61	[2.34, 3.83]

TABLE A-9. PEAK DISCHARGE (cfs/acre)				
Zone	Treatment			
	A	B	C	D
1	1.29 [0.00, 0.24]	2.03 [0.03, 0.76]	2.87 [0.47, 1.49]	4.37 [1.89, 2.89]
2	1.56 [0.00, 0.39]	2.28 [0.08, 0.95]	3.14 [0.80, 1.71]	4.70 [1.88, 3.14]
3	1.87 [0.00, 0.58]	2.60 [0.21, 1.19]	3.45 [0.78, 2.00]	5.02 [2.04, 3.39]
4	2.20 [0.05, 0.87]	2.92 [0.38, 1.45]	3.73 [1.00, 2.28]	5.25 [2.17, 3.57]

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



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

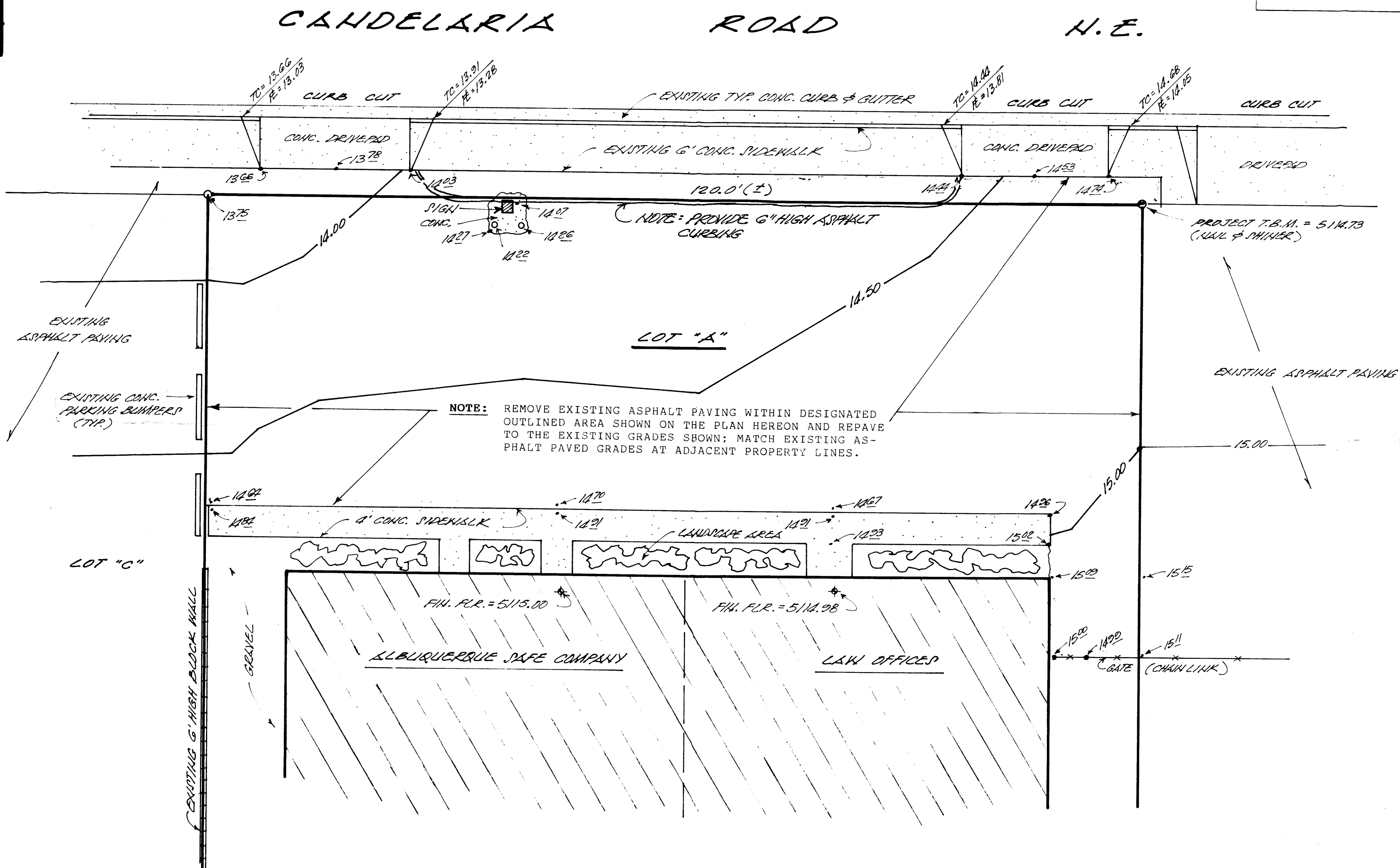
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TABLE A-4. LAND TREATMENTS	
Treatment	Land Condition
A	Soil uncompacted by human activity with 0 to 10 percent slopes. Native grasses, weeds and shrubs in typical densities with minimal disturbance to grading, groundcover and infiltration capacity. Croplands. Unlined 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.

LEGEND:

TOP OF CURB ELEVATION = $TC = 13.66$
CURB FLOWLINE ELEVATION = $FL = 13.23$
EXISTING SPOT ELEVATION = $SE = 13.25$
EXISTING CONTOUR ELEVATION = $CE = 14.00$
PROPOSED SPOT ELEVATION = $(SAME AS EXISTING)$
PROPOSED CONTOUR ELEVATION = $(SAME AS EXISTING)$
PROPOSED OR EXISTING CONCRETE SURFACE = $(DASHED LINE)$
EXISTING FENCE LINE = $(DASHED LINE)$



DRAINAGE COMMENTS:

AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS LOCATED ON THE SOUTH SIDE OF CANDELARIA ROAD, N.E. APPROXIMATELY 250.0' EAST OF THE INTERSECTION OF SAID CANDELARIA ROAD, N.E. AND RICHMOND DRIVE, N.E., IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, (CITY ZONE ATLAS MAP "H-16-2").

THE SUBJECT SITE, 1.) CONSISTS OF A FULLY DEVELOPED COMMERCIAL PROPERTY THAT IS TO HAVE THE FRONT PARKING AREA AS SHOWN AND DESIGNATED ON THE PLAN HEREON REPAVED TO THE EXISTING GRADES, 2.) DOES NOT CONTRIBUTE TO OFFSITE FLOWS OF ADJACENT PROPERTIES, 3.) DOES NOT ACCEPT OFFSITE FLOWS FROM ADJACENT PROPERTIES, 4.) DOES NOT LIE ADJACENT TO AN EXISTING NATURAL OR ARTIFICIAL WATER COURSE, AND 5.) DOES NOT LIE WITHIN A DESIGNATED FLOOD-PLAIN.

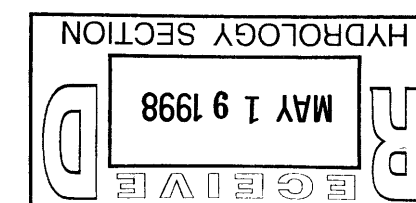
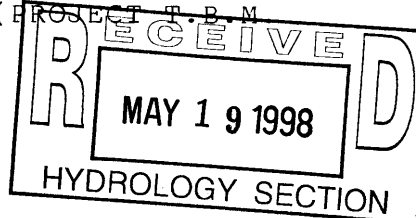
NOTE: THERE WILL BE NO INCREASE OF STORM WATER RUNOFF CREATED BY THE REPAVED OF THE SUBJECT ASPHALT PAVED AREA.

LEGAL DESCRIPTION:

LOT "A" IN BLOCK "C", OF THE DUKE CITY INDUSTRIAL AREA ADDITION, AN ADDITION TO THE CITY OF ALBUQUERQUE, NEW MEXICO.

BENCH MARK REFERENCE:

ACS STATION "2-G16", LOCATED AT THE NORTHWEST INTERSECTION OF CANDELARIA ROAD, N.E. AND THE A.M.A.F.C.A. NORTH DIVER-SION CHANNEL; M.S.L.D. ELEVATION = 5112.36, (PROJECT E.B.M. AS SHOWN ON THE PLAN HEREON).



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 OR 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.

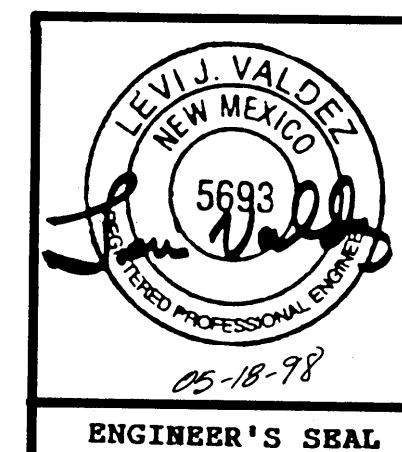
EROSION CONTROL MEASURES:

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR MANAGEMENT OF STORM RUNOFF 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 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.

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



A DRAINAGE AND PAVING PLAN
OF FRONT PARKING AREA OF
ALBUQUERQUE SAFE COMPANY
(320A CANDELARIA ROAD, N.E.)
ALBUQUERQUE, NEW MEXICO
MAY, 1998