

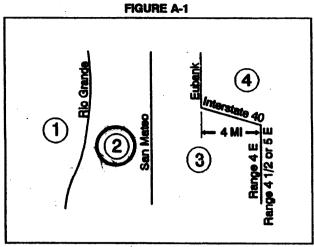
ASPHALT PAVED DRIVE

LOT" 4-A"

PROPOSED NEW

ASPHALT PAVING

TABLE A-9. PEAK DISCHARGE (cfs/acre)								
		Treatment						
Zone	A	В	С	D				
1	1.29	2.03	2.87	4.37				
	[0.00, 0.24]	[0.03, 0.76]	[0.47, 1.49]	[1.69, 2.89]				
2	1.56	2.28	3.14	4.70				
	[0.00, 0.38]	[0.08, 0.95]	[0.60, 1.71]	[1.86, 3.14]				
3	1.87	2.60	3.45	5.02				
	[0.00, 0.58]	[0.21, 1.19]	[0.78, 2.00]	[2.04, 3.39]				
4	2.20	2.92	3.73	5.25				
	[0.05, 0.87]	[0.38, 1.45]	{ 1.00, 2.26 }	[2.17, 3.57]				



West of the Rio Grande

of interstate 40

Between the Rio Grande and San Mateo

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

TABLE A-1. PRECIPITATION ZONES

Between San Mateo and Eubank, North of Interstate 40; and

East of Eubank, North of Interstate 40; and East of the East

boundary of Range 4 East, South of Interstate 40

etween San Mateo and the East boundary of Range 4 East, South

A.1 PRECIPITATION ZONES

FIGURE A-1.

Zone Location

2

DPM SECTION 22.2 - HYDROLOGY January, 1993

Land Condition 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.
Native grasses, weeds and shrubs in typical densities with minimal disturbance to grading, groundcover and infiltration capacity.
Croplands. Unlined arroyos.
rrigated lawns, parks and golf courses with 0 to 10 percent slopes Native grasses, weeds and shrubs, and soil uncompacted by huma activity with slopes greater than 10 percent and less than 20 perce
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 greate than 10 percent. Native grasses, weeds and shrubs, and soil uncompacted by human activity with slopes at 20 percent or great Native grass, weed and shrub areas with clay or clay loam soils a other soils of very low permeability as classified by SCS Hydrologi Soil Group D.
Impervious areas, pavement and roofs.

DRAINAGE COMMENTS:

AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS LOCATED ON THE NORTH SIDE OF HAWKINS STREET, N.E. APPROXIMATELY 500.0' EAST OF JEFFERSON STREET, N.E., IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

extends across a zone boundary,

use the zone

the largest portion of the

which contains

THE SUBJECT SITE IS PRESENTLY AN UNDEVELOPED INFILL SITE; THE PROPOSED PLAN IS FOR THE PURPOSE OF PAVING SAID SITE.

THE SUBJECT SITE, 1.) DOES NOT LIE WITHIN A DESIGNATED FLOODPLAIN, 2.) DOES NOT ACCEPT OFFSITE FLOWS FROM ADJACENT PROPERTIES, 3.) DOES CONTRIBUTE MINIMAL OFFSITE FLOWS TO THE PROPERTY THAT LIES IMMEDIATELY WEST OF AND ADJACENT TO THE SUBJECT SITE (THESE FLOWS WILL BE REDIRECTED AND WILL NOT CONTRIBUTE OFF-SITE FLOWS TO SAID ADJACENT PROPERTY), 4.) IS TO FREE-DISCHARGE DEVELOPED FLOWS INTO THE HAWKINS STREET N.E. RIGHT-OF-WAY; SAID FLOWS WILL HAVE NO ADVERSE IM-PACT TO DOWNSTREAM PROPERTIES.

CALCULATIONS:

TREATMENT

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: 0.77 ACRE

PRECIPITATION ZONE: TWO (2), TABLE A-1

PEAK INTENSITY: IN./HR. AT T_C = TWELVE (12) MINUTES, 100-YR. = 5.05, TABLE A-10 LAND TREATMENT METHOD FOR CALCULATION OF "Q ", TABLES A-8 & A-9. "LAND TREATMENT FACTORS", TABLE A-4.

FACTOR

EXISTING CONDITIONS:

С	0.77	X	3.14	=	2.4
$Q_p'' = 2.42 \text{ CFS}$					
PROPOSED CONDITIONS	<u>5:</u>				
TREATMENT	AREA/ACRES		FACTOR		CFS
C	0.07	X	3.14	=	0.2
D	0.70	X	4.70	-	3.2

AREA/ACRES

$"Q_p" = 3.51 \text{ CFS}$

**** INCREASE = 1.09 CFS

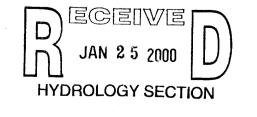
LEGAL DESCRIPTION:

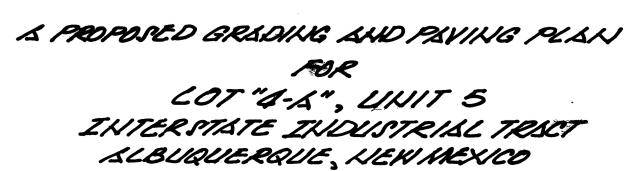
LOT "4-A", UNIT FIVE (5), INTERSTATE INDUSTRIAL TRACT, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

CONSTRUCTION NOTES

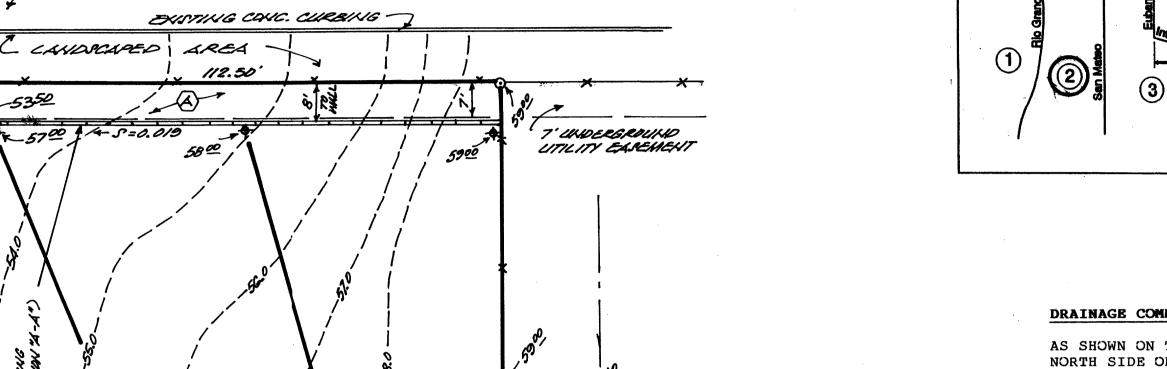
- 1.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 260-1990 FOR LOCATION OF EXISTING OVERHEAD OR SUBSURFACE UTILITIES.
- 2.) PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS;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

NOTE: ALL WORK WITHIN PUBLIC EASEMENT SHALL BE PER-FORMED UNDER SEPARATE PERMIT.





JANUARY, 2000



LOT "5-A"



ACS STATION "7-D17", (SURVEY MONUMENTS CONTROL BOOK PAGE D-111); M.S.L.D. ELEVATION = 5166.92, (PROJECT T.B.M. AS SHOWN ON THE PLAN HEREON).

GENERAL NOTES:

- 1.) NO PERIMETER BOUNDARY CORNERS HAVE BEEN FIELD ESTABLISHED OR VERIFIED PER THIS SURVEY FOR GRADING AND DRAINAGE AS SHOWN ON THE PLAN HEREON.
- 2.) NO SEARCH HAS BEEN MADE FOR EASEMENTS OF RECORD WITHIN THE SUBJECT SITE OTHER THAN MAY BE SHOWN ON THE PLAN HEREON.

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 PLANS MUST BE SUBMITTED AT THE TIME OF APPLI-CATION OF THIS PERMIT.
- 2.) ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR 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, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- 4.) PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCT-IONS, SHOULD A CONFLICT EXIST, THE CONTARCTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RE-SOLVED WITH A MINIMUM AMOUNT OF DELAY.
- 5.) BACKFILL COMPACTION SHALL BE ACCORDING TO ARTERIAL STREET USE.
- 6.) MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY

OF THE OWNER OF THE PROPERTY SERVED.

CONSTRUCTION NOTES:

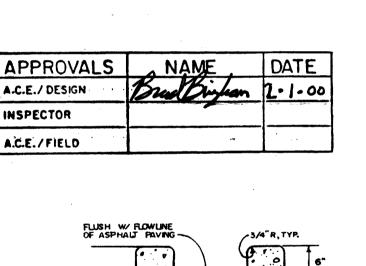
- 1.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 260-1990 FOR LOCATION OF EXIST-
- 2.) PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS: SHOULD A CONFLICT EXIST, THE CONTRACTOR 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 PRO-

- 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 RE-QUIRED 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 THROUGHLY REMOVE ANY AND ALL SEDIMENT WITHIN PUBLIC STREETS THAT HAS BEEN ERODED FROM THE SITE

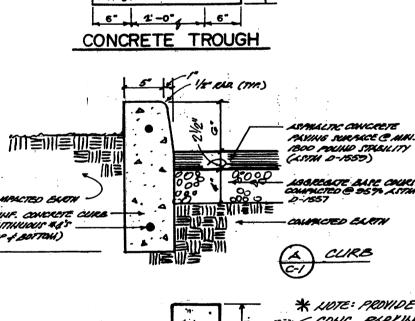
LEGEND:

TOP OF CURB ELEVATION = TC = 53.56 CURB FLOWLINE ELEVATION = /E=52.85 EXISTING SPOT ELEVATION = -- 536 EXISTING CONTOUR ELEVATION = -----PROPOSED SPOT ELEVATION = \$\square5700 PROPOSED CONTOUR ELEVATION = 56.00 PROPOSED OR EXISTING CONCRETE SURFACE = []

EXISTING FENCE LINE = -x x

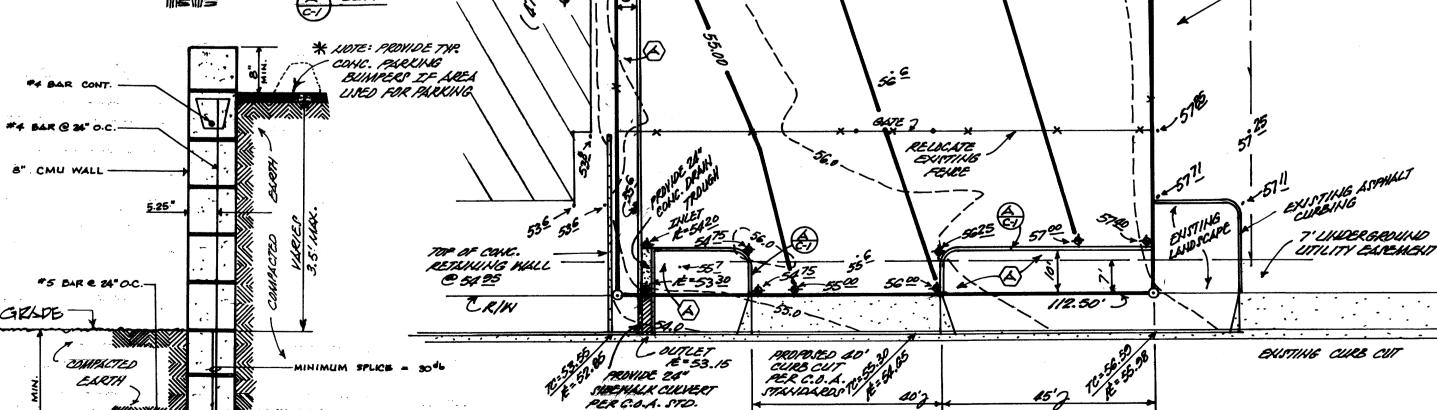


10 5 0 10 20



SECTION "A-A"

NOT TO SCALE



HAKKKIKIS

DHG. # 2236

--- "G € 12" O.C.

* PROTECT T.B.M.C MAIL & SHINER IN ASPHALT, ELEVATION = 5/56./0

--570---

ENGINEER'S SEAL