

GENERAL NOTES:

- _ 1.) NO PERIMETER BOUNDARY CORNERS HAVE BEEN FIELD ESTABLISHED PER THIS SURVEY OF THE SUBJECT PROPERTY.
- 2.)

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 THROUGHLY 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 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 CON-CERNING CONSTRUCTION SAFETY AND HEALTH.
- 4.) ALL CONSTRUCTION WITHIN PUBLIC STREET RIGHT-OF-WAY(S) SHALL BE PERFORM-ED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE/BERNALILLO COUNTY STANDARDS AND PROCEDURES.

LEGEND:

TOP OF CURB ELEVATION = 70=15.02 CURB FLOWLINE ELEVATION = # 14.35

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

Park Park A. P. S. Markey, N. S.		·						
TABLE A-9. PEAK DISCHARGE (cfs/acre)								
	Treatment			100-YR [2-YR, 10-YR]				
Zone	Α	В	С	D				
1	1,29 [0.00, 0.24]	2.03 [0.03, 0.76]	2.87 [0.47, 1.49]	4.37 [1.69, 2.89]				
2	1.56 [0.00, 0.38]	2.28 [0.08, 0.95]	3.14 [0.60, 1.71]	4.70 [1.86, 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	2.92 [0.38, 1.45]	3.73 [1.00, 2.26]	5.25 [2.17, 3.57]				

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Soil Group D.

TABLE A-4. LAND TREATMENTS 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. Cropiands. Unlined arroyos.

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. 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

Impervious areas, pavement and roots. lost 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.

IABIL	A-10. PEAK INTENSITY (IN/HR at t	100-YR
Zone	Intensity	[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]	

LEGAL DESCRIPTION:

TRACT "X-2", INTERSTATE INDUSTRIAL TRACTS, UNITS III AND IV, TO THE CITY OF ALBUOUEROUE, BERNALILLO COUNTY, NEW MEXICO.

BENCH MARK REFERENCE:

ACS STATION "10-D17", M.S.L.D. ELEVATION = 5109.28; PROJECT T.B.M. AS SHOWN ON THE PLAT HEREON.

DRAINAGE COMMENTS:

AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS LOCATED ON THE NORTH SIDE OF ELLISON STREET, N.E. BETWEEN JEFFERSON STREET N.E. AND WASHINGTON STREET, N.E., IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

THE SUBJECT SITE IS PRESENTLY A PARTIALLY DEVELOPED "M-1" ZONED PROPERTY; THE PROPOSED PLAN IS TO HAVE ALL OF THE EXISTING ASPHALT PAVING REMOVED BECAUSE OF ITS DETERIORATED CONDITION AND BE REPAVED; THERE WILL BE NO INCREASE IN THE PAVED AREAS; HOWEVER, THERE WILL BE MINOR GRADE REVISIONS TO THE EXISTING GRADES TO BETTER SURFACE FLOW SAID RUN-OFF. THERE WILL BE NO RE-DIRECTION OF EXIST-ING SURFACE FLOWS.

CALCULATIONS:

TREATMENT

PER SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2., DESIGN CRITERIA FOR THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, DATED JAN-UARY 1993.

SITE AREA: 2.20 ACRES

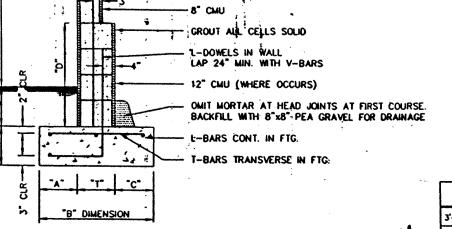
PRECIPITATION ZONE: TWO (2)

PEAK INTENSITY: IN./HR. AT T = 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.

EXISTING AND PROPOSED CONDITIONS:

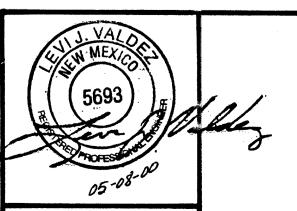
2.) NO SEARCH HAS BEEN MADE FOR EASEMENTS OF RECORD OTHER THAN SHOWN HEREON.	CURB FLOWLINE ELEVATION = A=10.35 EXISTING SPOT ELEVATION =	4 2.20 2.92 3.73 5.25 [0.05, 0.87] [0.38, 1.45] [1.00, 2.26] [2.17, 3.57]	C D	0.78 X 1.42 X	$ \begin{array}{rcl} \hline $	
	PROPOSED CONTOUR ELEVATION = -15.60	480'±	$ Q_p = 9.$ $ EXISTING CONC. CURBING$	<u>12</u> CFS		
		EXISTING GREAVEL			•	
LOCATION MAP						MAY 1 0 2000 D
EXITING BUILDING EXITING	ig gesver	existing wave nouse suinding	<u>s</u>	SVEL C	S TYP COME. CUR	
					E.E.T.	
1425	FIN. FLR. = 5/20.20 152 160 1612	1620 - 1610 1620 - 1620	1605 1632 100 TIND 1 100 WALK.		10:15.71 10:15.06	
TRACT "X-1" 15.0	TRACT "X-2	G 5 160	IG.00 EXISTING PERSONNE PROPERTY IS NACL IS NA	7.0-	70-15-02	
EXISTING IS.S. T. BOO 19.5	SES SO ISSO ISSO ISSO ISSO ISSO ISSO ISS	EXISTING SPEED E (TVP.)	S ANNAUT BUNT	-/6.5 50 /5 ⁵⁸	Summe Summe	
1280 ASSO DUTTILE GRAVEL	PRIMILE SUSE PRIMILE SUSE AF ANNIALE 1525 1525	15/7	NOTE: PROVIDE C" HIGH (ROULED ASSMALT CURAING WINESE SHOWN THUS (1500) 15.00 15.00	1075	70=14.40 RE-13.84	
	1585			1445	Te=13.89 RE=13.30	
	PROVIDE HEW CONC. SLAB FOR TRASH BIN ENCLOSURE CONSTRUCTION NOTES EXISTING LOCATION ACKEN SHALL BE COMPACTED TO 95% ALD D. BACKEN	480'± EXISTING RETAINING OF ADTACENT PROPERTY	HG WALL FOR LOWER GRADE PERTY	PROTECT T.B.M.@ PROPERTY CORNER CAP IN PLACE ELEV. = 5/14.34	EXISTING 24" CONC. DENIN TROUGH	
GROUT ALL CELLS SOLIO 2. ALL CONCRETE SHALL F	ACKFILL SHALL BE COMPACTED TO 95% M.D.D. BACKFILL SPICUOUS CONTENT OF ORGANIC MATTER AND/OR CLAY HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF LL BE DEFORMED BARS WITH A MINIMUM TENSILE STRENGTH 60).					



RETAINING WALL

RETAINING WALL TABLE OF DIMENSIONS AND REINFORCING 3'-4" TO 6'-0" 1'-2" 12" 1'-10" 4'-0" 3'-4" #5 • 16" O.C. #5 • 16" O.C. 4 #4 #4 • 48" O.C. 2'-0" TO 3'-4" 12" 12" 12" 3'-0" 2'-8" #5 • 48" O.C. #4 • 48" O.C. 3 #4 #4 • 48" O.C. 0 TO 2'-0" 6" 8" 12" 2'-6" 1'-0" #4 • 24" O.C. #4 • 24" O.C. 3 #4 #4 • 48" O.C.

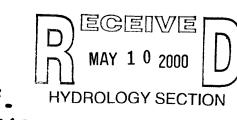




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ENGINEER'S SEAL

A PROPOSED RE-PAVING PLAN 4111 ELLISON ST. N.E.



ALBUQUERQUE, HEN MEXICO MAY, 2000