



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

July 17, 1995

J. Arsenio Martinez
George T. Rodriguez Devel. Consultant
12800 San Juan NE
Albuquerque, NM 87123

RE: DRAINAGE PLAN FOR AN ADDITION TO DESERT GREEN EQUIPMENT,
INC. (D18-D8F) ENGINEER'S STAMP DATED 7/7/95.

Dear Mr. Martinez:

Based on the information provided on your July 7, 1995 submittal, the above referenced site is approved for Building Permit.

Please be advised that a separate permit is required for construction within City Right-of-Way. A copy of this approval letter must be on hand when applying for the excavation permit.

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

Prior to Certificate of Occupancy release, Engineer Certification per the D.P.M. checklist will be required.

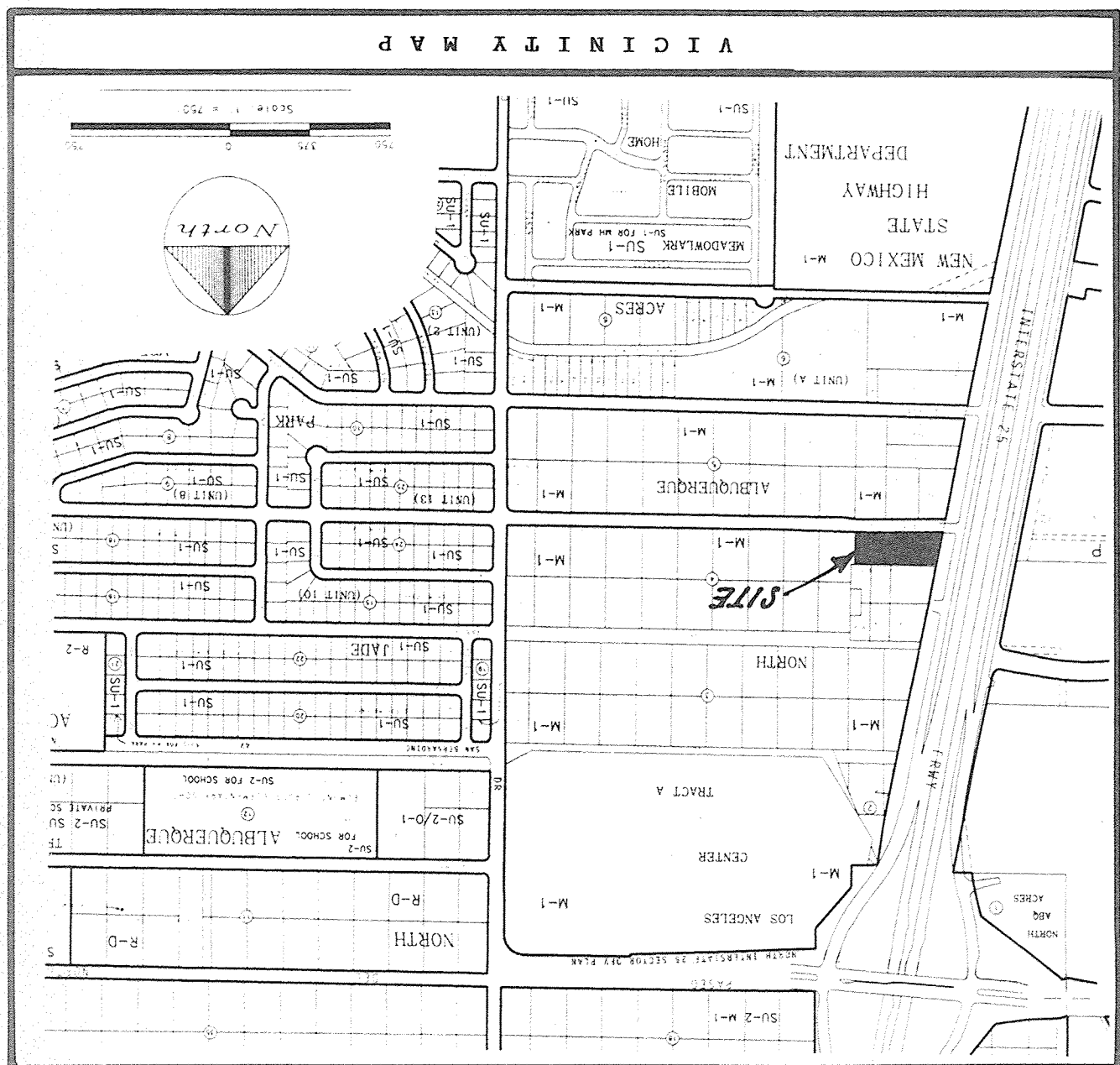
If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

Bernie J. Montoya, CE
Engineering Associate

BJM/dl

c: Andrew Garcia
Arlene Portillo
File

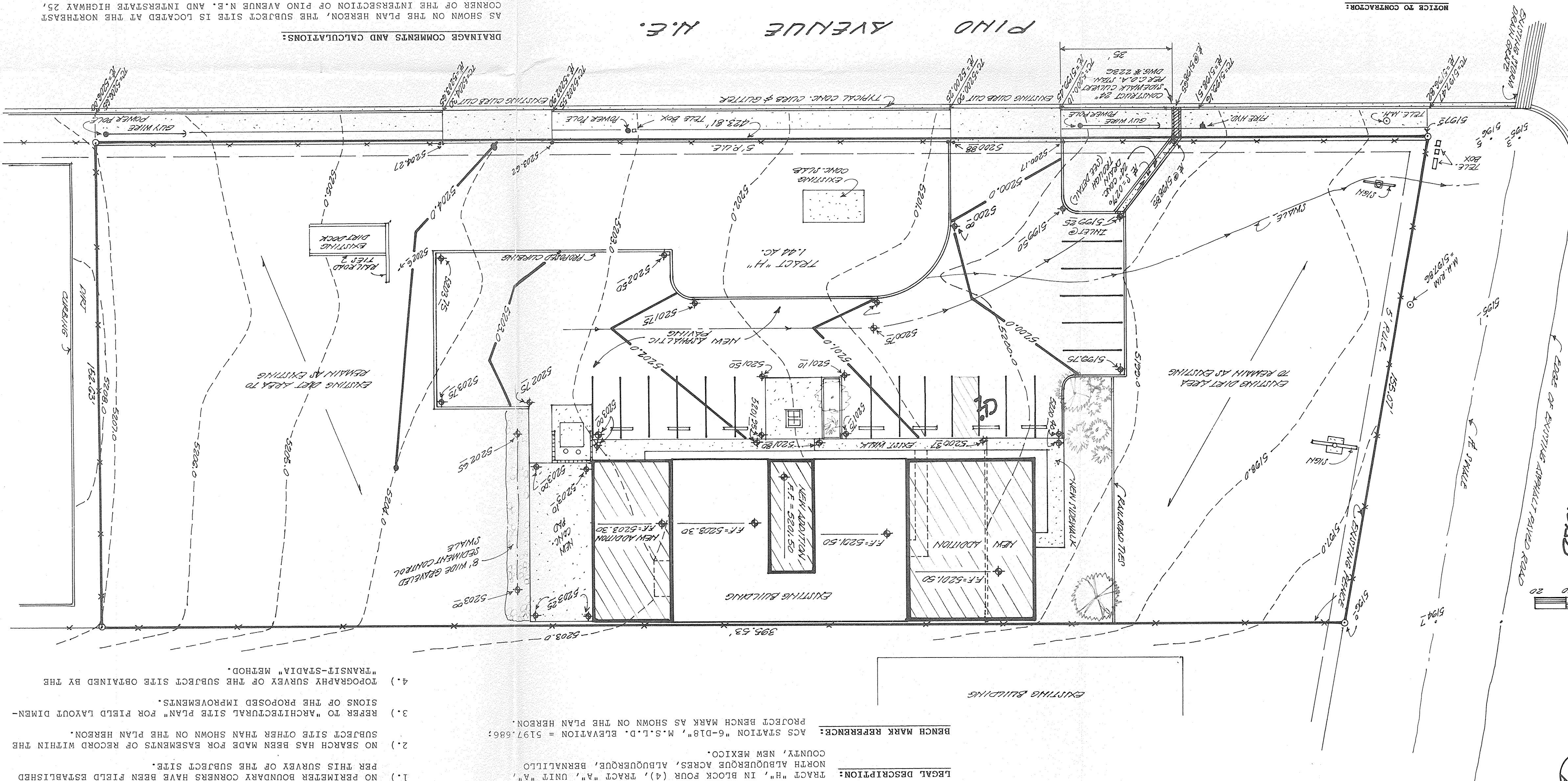


Bernillo County's four precipitation zones are indicated in TABLE A-1 and on

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
4	East of Eubank, North of Interstate 40, and East of the East boundary of Range 4 East, South of Interstate 40

[illegible]

Treatment	Land Condition
A	Soil incorporated by plow many years with 10 to 15 percent aspen
B	Compacted, plowed aspen
C	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
D	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
E	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
F	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
G	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
H	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
I	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
J	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
K	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
L	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
M	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
N	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
O	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
P	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
Q	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
R	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
S	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
T	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
U	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
V	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
W	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
X	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
Y	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen
Z	Ungrazed aspen, wind and golf courses with 10 to 15 percent aspen



LEGAL DESCRIPTION:	BENCH MARK REFERENCE:
TRACT "N", IN BLOCK FOUR (4), TRACT "A", UNIT "A", NORTH ALBUQUERQUE ACRES, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.	ACS STATION "6-108", M.S.L.D. ELEVATION = 5197.686; PROJECT BENCH MARK AS SHOWN ON THE PLAN HEREON.
1.) NO PERMETER BOUNDARY CORNERS HAVE BEEN FIELD ESTABLISHED PER THIS SURVEY OF THE SUBJECT SITE.	2.) NO SEARCH HAS BEEN MADE FOR BASEMENTS OF RECORD WITHIN THE SUBJECT SITE OTHER THAN SHOWN ON THE PLAN HEREON.
	3.) REFER TO "ARCHITECTURAL SITE PLAN" FOR FIELD LAYOUT DIMEN- SIONS OF THE PROPOSED IMPROVEMENTS.
	4.) "TOPOGRAPHY SURVEY OF THE SUBJECT SITE OBTAINED BY THE "TRANSIT-STADIA" METHOD.

AS SHOWN ON THE PLAN HEREON, THE SUBJECT SITE IS LOCATED AT THE NORTHEAST CORNER OF THE INTERSECTION OF PINO AVENUE N.E. AND INTERSTATE HIGHWAY 25, (EAST FRONTAGE ROAD), IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, (CITY ZONE ATLAS MAP NO. "D-18-7").

THE SUBJECT LOT, 1.) IS AN EXISTING PARTIALLY DEVELOPED COMMERCIAL PROPERTY, 2.) DOES NOT WITHIN A DESIGNATED FLOODPLAIN, 3.) DOES NOT ADJACENT OFFICIAL FLOWS FROM ADJACENT PROPERTIES, 4.) DOES NOT AT THE PRESENT TIME, AND WILL NOT, CONTRIBUTE TO OFFICIAL FLOWS OF THE ADJACENT PROPERTIES, 5.) PROPOSED FREE-DISCHARGE OF DEVELOPED FLOWS WILL NOT HAVE AN ADVERSE AFFECT TO DOWNSTREAM PROPERTIES.

CALCULATIONS:

DESIGN CRITERIA FOR THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO,
DER SECTION 22.2, HYDROLOGI OF THE DEVELOPMENT PROCESS (MAY 1993), SECTION 2,
DATED JANUARY, 1993.

SITE AREA: 1.44 ACRES

PRECIPITATION ZONE: THREE (3)

PEAK INTENSITY: 5.38

EXISTING CONDITIONS:

TREATMENT		AREA/ACRES	FACTOR	CFS
C		1.34	X	3.45
D		0.10	X	5.02
=				
4.62				
CFS				
PROPOSED DEVELOPED CONDITIONS:				
TREATMENT		AREA/ACRES	FACTOR	CFS
C		0.93	X	3.45
D		0.51	X	5.02
=				
3.21				
CFS				
* INCREASE = 0.65 CFS				
* D = 5.77 CFS				

NOTE: IT IS RECOMMENDED THAT THE OWNER(S) OF THE SUBJECT PROPERTY CONTACT THE NEW MEXICO STATE HIGHWAY DEPARTMENT TO CLEAN AND PROPERLY MAINTAIN THE EXISTING DRAINAGE SWALE THAT LIES IMMEDIATELY WEST OF AND ADJACENT TO THE SUBJECT PROPERTY.

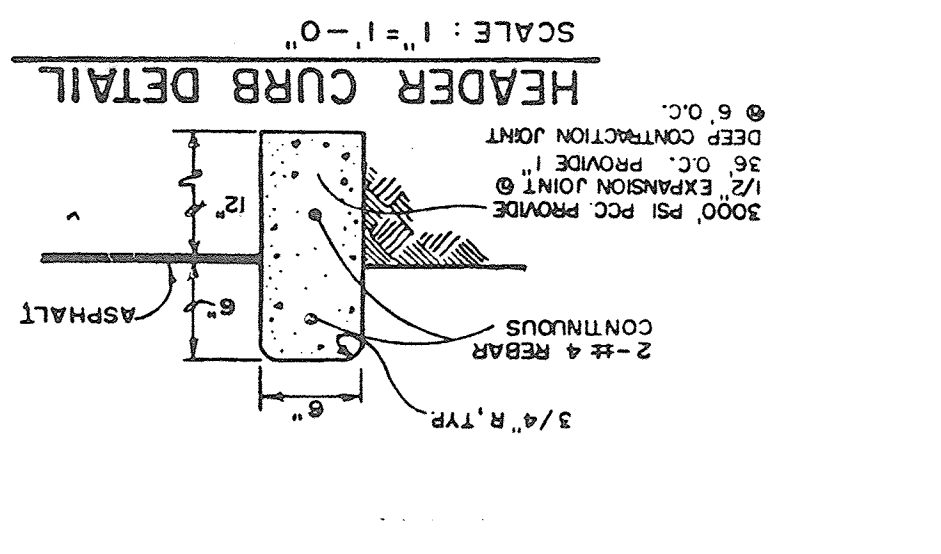
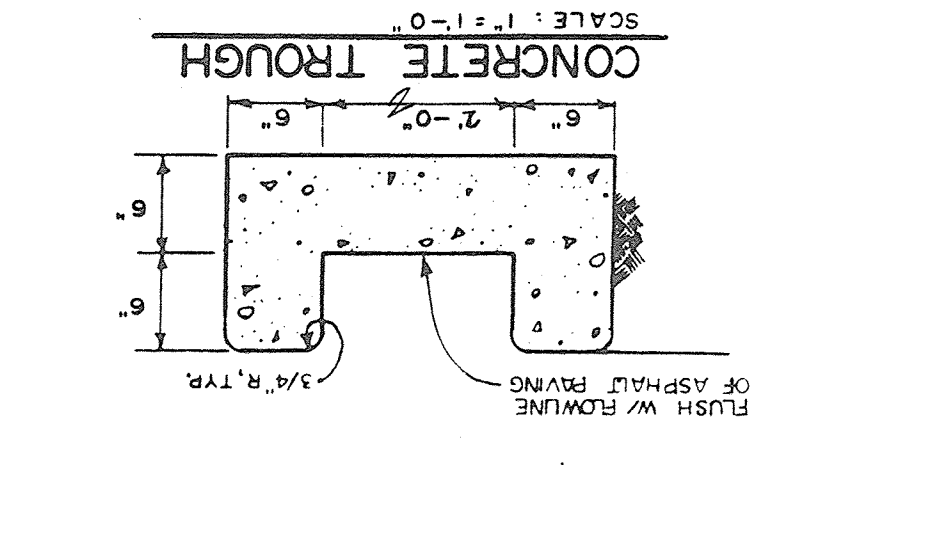


TABLE A-6. PEAK DISCHARGE (cusec)			
Zone	Treatment		10-yr D
	A	B	
1	0.00, 0.24	0.03, 0.76	0.27
	0.03, 0.28	0.03, 0.28	0.02
	0.08, 0.98	0.08, 0.98	0.02
2	0.158	0.14	0.02
	0.00, 0.38	0.00, 1.71	0.02
	1.66, 3.14	0.02	0.02
4	0.00, 0.87	0.02, 2.00	0.02
	0.00, 0.87	0.02, 1.95	0.02
	0.27, 2.57	0.27, 2.57	0.02

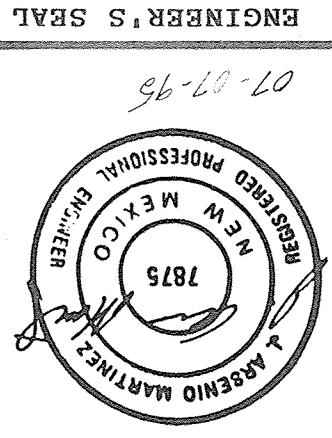
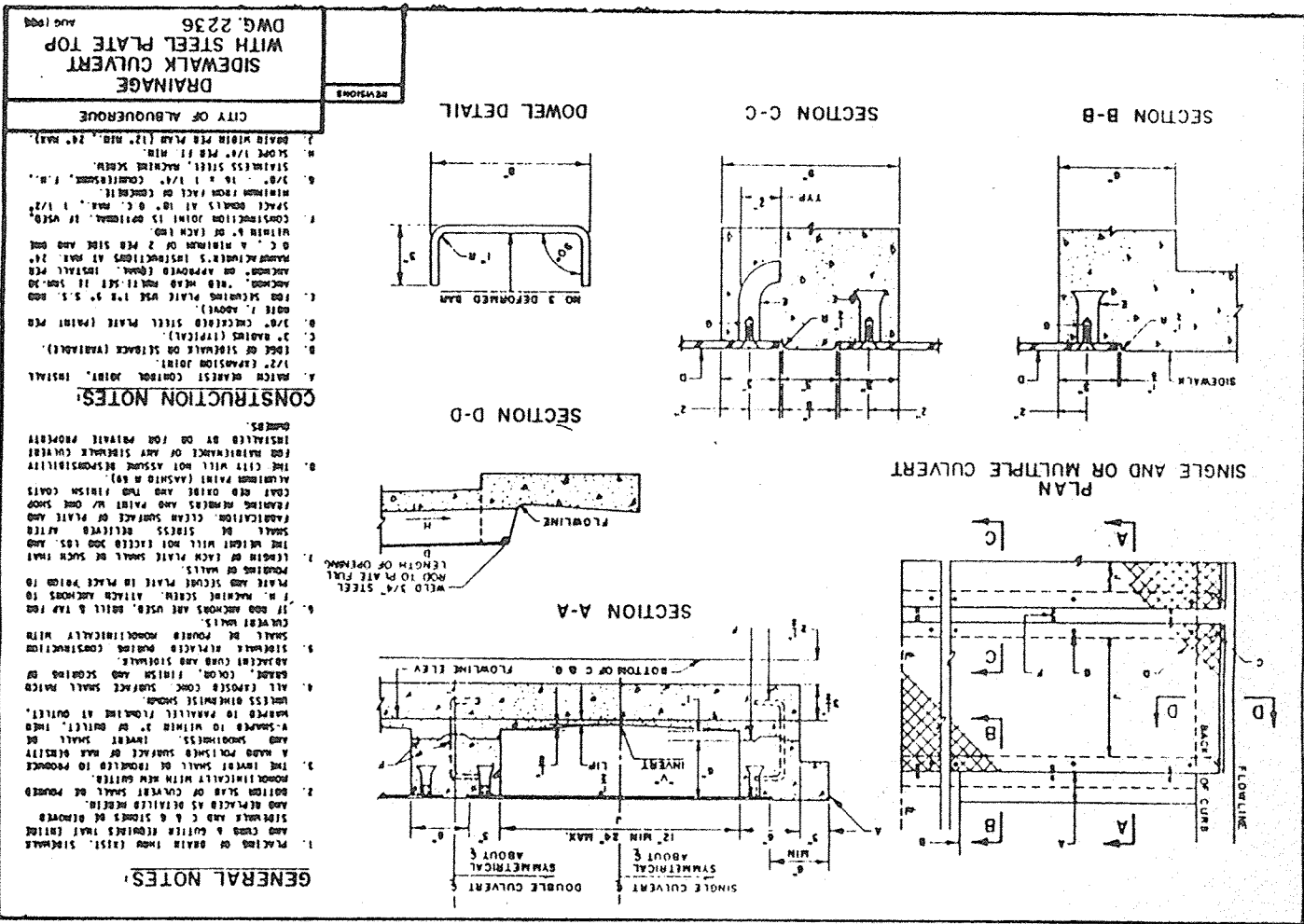
TABLE A-10. PEAK INTENSITY (INWR AT $t_p = 0.2$ hour)	
Zone	Intensity [2-YR, 10-YR]
1	4.70 [1.84, 3.14]
2	5.05 [2.04, 3.41]
3	5.38 [2.21, 3.65]
4	5.81 [2.34, 3.83]

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

APPROVALS	NAME	DATE
Hydrology	B. Madala	12/17/15
INSPECTOR		
A.C.E./FIELD		

[illegible]

- 1.) ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY CONSTRUCTION OF BARRIERS, DITCHES, PONDERS 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 THEREA.



A PROPOSED DRAINAGE PLAN
FOR
DESERT GREEN EQUIPMENT,
5225 PINO AVE. N.E.
ALBUQUERQUE, NEW MEXICO
JULY, 1995