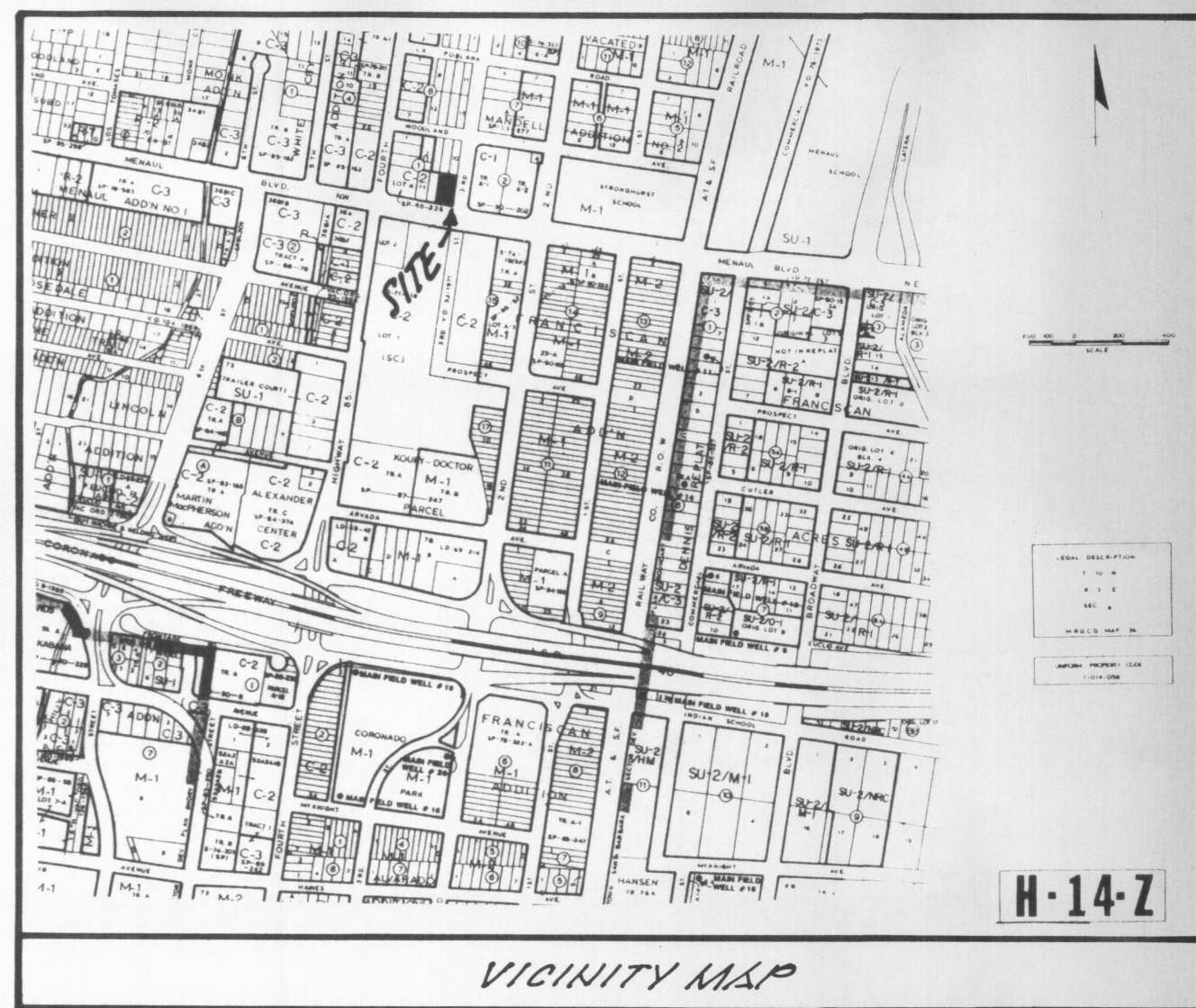




GENERAL NOTES:

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

CONSTRUCTION NOTES:

- 1.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 755-1234 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 BERMS, 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.

LANDSCAPE LEGEND

EXISTING ARIZONA SAGE TREE (8'-10" HIGH)

PROPOSED ARIZONA SAGE TREE (8'-10" HIGH)
2" CALIPER MIN.

YUCCA PENDULA

LEGEND:

T.C. = 66.48 = TOP OF CURB ELEVATION

E. = 66.87 = CURB FLOW LINE ELEVATION

GG = EXISTING OR PROPOSED CONCRETE

--- GG --- = EXISTING CONTOUR

--- GG --- = PROPOSED CONTOUR

GG.50 = EXISTING FENCE

GG.50 = PROPOSED FENCE ELEVATION

GG.50 = PROPOSED LIMIT OF NEW PAVING

Ⓐ = PROVIDE 6.0' CONCRETE SIDEWALK

TYPICAL PAVEMENT SECTION

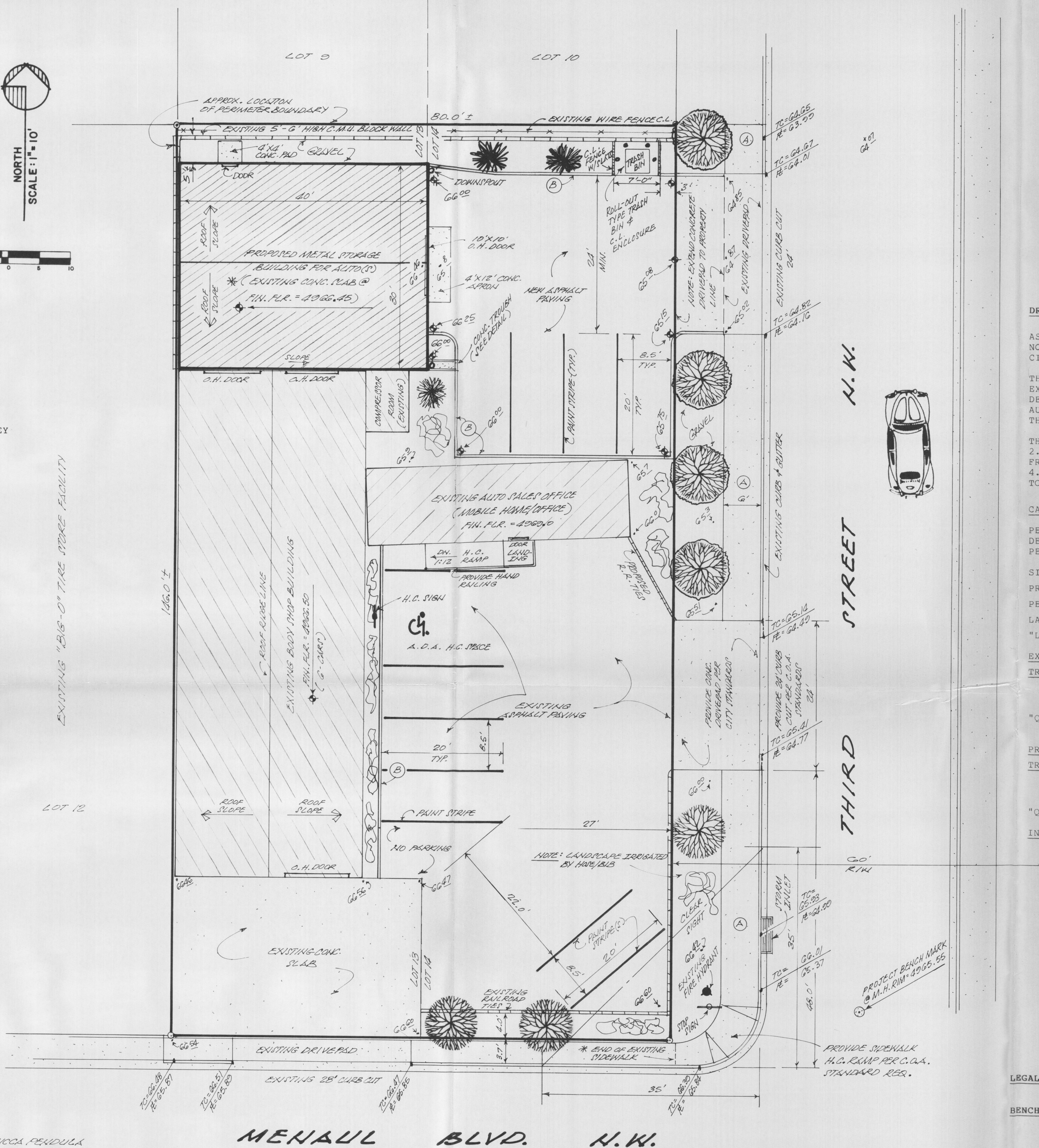
SCALE: 1" = 1'-0"

HEADER CURB DETAIL

SCALE: 1" = 1'-0"

CONCRETE TROUGH

SCALE: 1" = 1'-0"

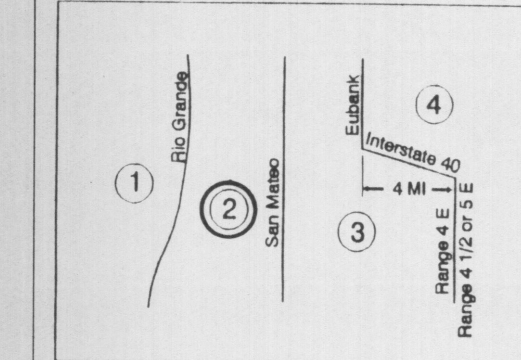


A.1 PRECIPITATION ZONES

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 watershed.

DPM SECTION 22-2: HYDROLOGY
January, 1993 Page A-4

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. Unflooded areas.
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.

DRAINAGE COMMENTS:

AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS LOCATED AT THE NORTHWEST INTERSECTION OF MENAUL BLVD. N.W. AND THIRD STREET N.W., IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, (ZONE ATLAS "H-14-2").

THE SUBJECT SITE CONSISTS OF AN EXISTING DEVELOPED COMMERCIAL PROPERTY WITH EXISTING BUILDING(S) AND ASSOCIATED IMPROVEMENTS; THE SUBJECT PLAN IS INTENDED FOR THE PROPOSED CONSTRUCTION OF A 30' X 40' METAL BUILDING FOR A PRIVATE AUTO STORAGE FACILITY TOGETHER WITH THE NECESSARY ASSOCIATED IMPROVEMENTS THERETO.

THE SUBJECT SITE, 1.) DOES NOT ACCEPT OFFSITE FLOWS FROM ADJACENT PROPERTIES, 2.) DOES NOT CONTRIBUTE TO OFFSITE FLOWS OF ADJACENT PROPERTIES, 3.) WILL FREE DISCHARGE BOTH THE EXISTING AND PROPOSED RUNOFF CREATED FROM SAID SITE, 4.) DOES NOT LIE WITHIN A DESIGNATED FLOODPLAIN, 5.) DOES NOT LIE ADJACENT TO A NATURAL OR ARTIFICIAL WATER COURSE.

CALCULATIONS:

PER SECTION 22-2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2., DESIGN CRITERIA FOR THE CITY OF ALBUQUERQUE, NEW MEXICO, JANUARY 1993, AND PER "BERNALILLO COUNTY STORM DRAINAGE ORDINANCE NO. 90-6".

SITE AREA = 0.28 ACRE (1/4)

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_p ", TABLES A-8 & A-9.

"LAND TREATMENT FACTORS", TABLE A-4.

EXISTING CONDITIONS:

TREATMENT	AREA/ACRES	FACTOR	CFS
C	0.10	X 3.14	= 0.31
D	0.18	X 4.70	= 0.85

" Q_p " = 1.16 CFS

PROPOSED CONDITIONS:

TREATMENT	AREA/ACRES	FACTOR	CFS
C	0.02	X 3.14	= 0.06
D	0.26	X 4.70	= 1.22

" Q_p " = 1.28 CFS

INCREASE OF " Q_p " = 0.12 CFS

LEGAL DESCRIPTION: LOTS 13 AND 14, BLOCK ONE (1), MANDELL ADDITION, ALBUQUERQUE, NEW MEXICO.

BENCH MARK REFERENCE: NMHSC/ACS STATION "NM 47-13", LOCATED AT THE INTERSECTION OF SECOND STREET N.W. AND MENAUL BLVD. N.W., M.S.L.D. ELEVATION = 4968.392, (PROJECT B.M. AS SHOWN).

APPROVALS:

TRANSPORTATION DEVELOPMENT C.O.A.

ZONING DEPT. C.O.A.

HYDROLOGY DEPARTMENT C.O.A.

ENGINEERING DEPARTMENT C.O.A.

GRADING/DRAINAGE & SITE PLAN
FOR A PROPOSED BUILDING ADDITION FOR
AUTO MASTERS AUTO SALES
303 MENAUL N.W.
ALBUQUERQUE, NEW MEXICO
MAY, 1994

RECEIVED
JUN 23 1994
HYDROLOGY DIVISION

JOSE MARTINEZ
7875
REGISTERED PROFESSIONAL ENGINEER
06-20-94
ENGINEER'S SEAL