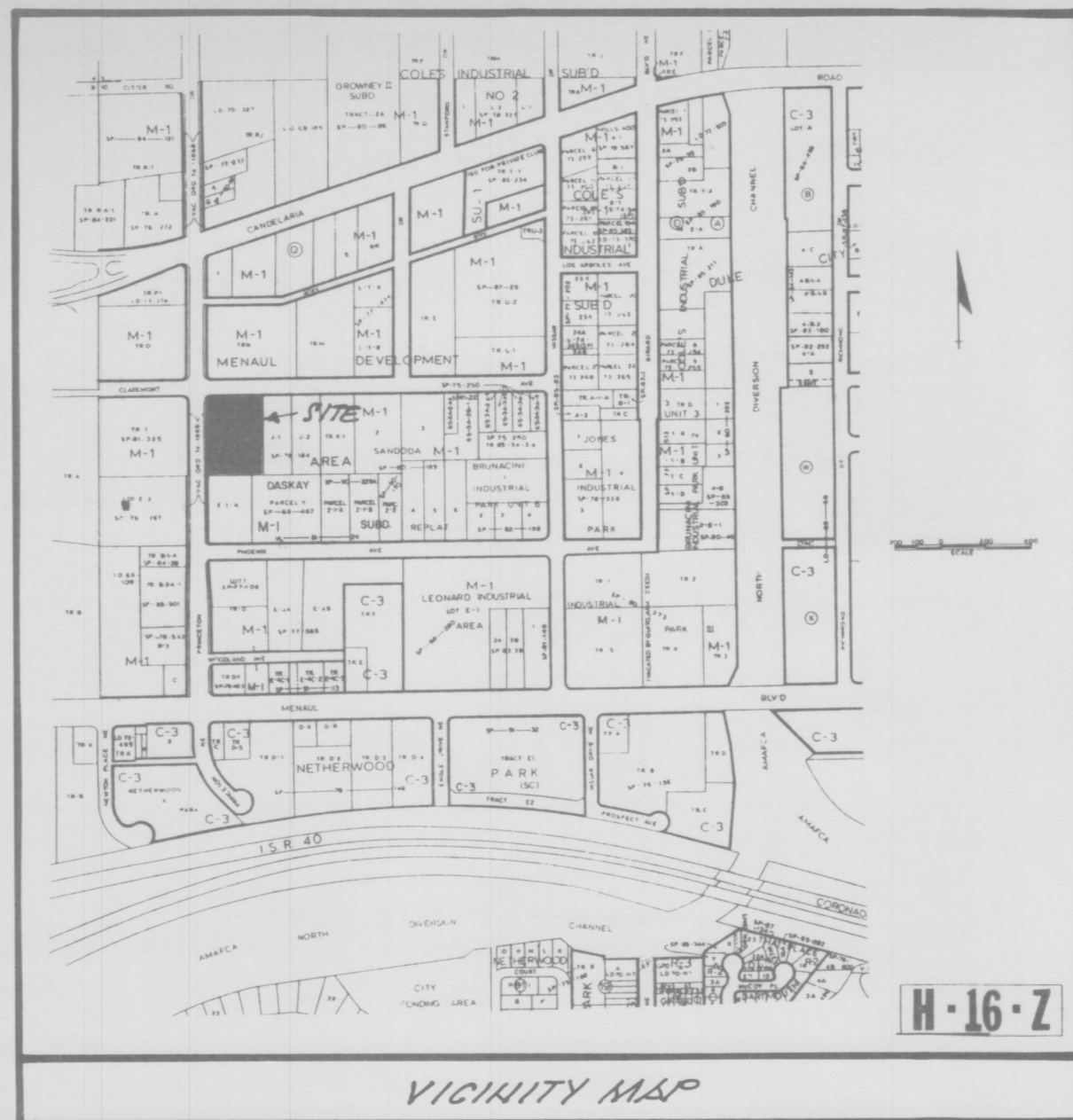




LEGEND:

EXISTING CONTOUR = --- 84.0 ---

EXISTING SPOT ELEVATION = * 84.1 *

PROPOSED CONTOUR = --- 84.0 ---

PROPOSED SPOT ELEVATION = * 84.50 *

EXISTING FENCE LINE = --- X ---

2" ASPHALTIC CONCRETE SURFACE COURSE, 1500 # STABILITY

6" SUBGRADE COMPACTED @ 95% A.S.T.M. D-1557

TYPICAL PAVEMENT SECTION

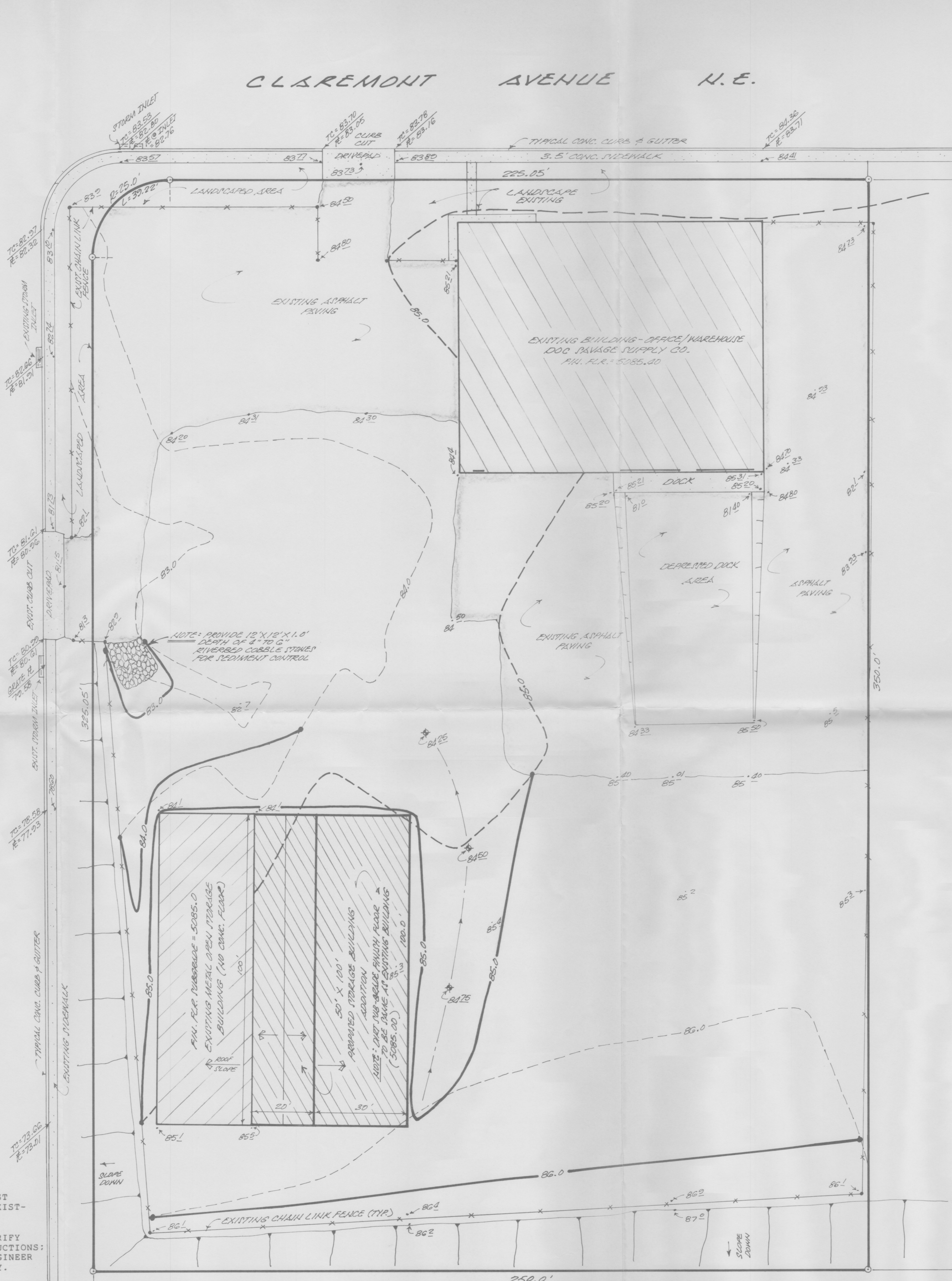
SCALE 1" = 1'-0"

NOTE: THIS ASPHALT PAVING DETAIL SHALL BE USED AS A MINIMUM REQUIREMENT WHERE AND WHEN ASPHALT PAVED AREA(S) IS DESIRED; RECOMMENDATION OF SOILS REPORT OF THIS SUBJECT SITE BE PROVIDED.

CONSTRUCTION NOTES:

- 1.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 765-1234 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.

NOTE: ANY PROPOSED CONSTRUCTION OF BUILDING STRUCTURES, GRADING, OR PAVING, SHALL BE IN CONFORMANCE WITH RECOMMENDATIONS OUTLINED IN SOILS REPORT(S) OF SAID PROJECT SITE.



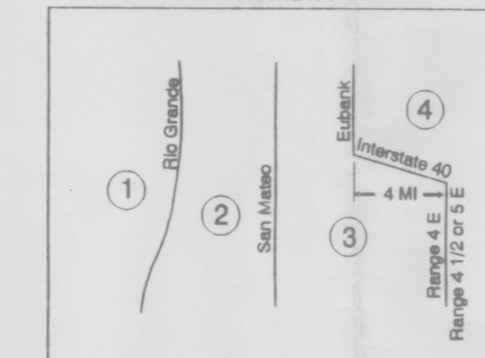
NOTE: THE EXISTING STORAGE BUILDING AND PROPOSED BUILDING ADDITION ARE TO HAVE FIELD LOCATED ROOF GUTTERS WITH DOWNSPOUTS THAT WILL DISCHARGE ONTO CONCRETE SPLASH BLOCKS TO DISSIPATE ENERGY PRIOR TO RELEASE TO PROPOSED GRADING SHOWN ON THE PLAN HEREON.

A.1 PRECIPITATION ZONES

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

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

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 (clean 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.

DRAINAGE COMMENTS AND CALCULATIONS:

AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS LOCATED AT THE SOUTHEAST CORNER OF PRINCETON DRIVE N.E. AND CLAREMONT AVENUE, N.E., IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, (CITY ZONE ATLAS MAP "H-16-Z").

THE SUBJECT SITE, 1.) IS PRESENTLY A DEVELOPED COMMERCIAL LOT, 2.) DOES NOT LIE WITHIN A DESIGNATED FLOODPLAIN, 3.) DOES NOT LIE ADJACENT TO A NATURAL OR ARTIFICIAL WATER COURSE, 4.) DOES NOT CONTRIBUTE TO OFFSITE FLOWS OF ADJACENT PROPERTIES, 5.) DOES NOT ACCEPT OFFSITE FLOWS FROM ADJACENT PROPERTIES, 6.) OUTLETS EXISTING FLOWS THROUGH EXISTING DRIVEWAYS AS FREE-DISCHARGE, 7.) WILL CONTINUE TO FREE-DISCHARGE SAID FLOWS IN THE PROPOSED DEVELOPED CONDITION AS SHOWN ON THE PLAN HEREON.

THE PURPOSE OF THIS PLAN IS TO DESIGNATE THE PROPOSED STORAGE-WAREHOUSE BUILDING ADDITION TO BE CONSTRUCTED TO THE EXISTING OPEN STORAGE METAL BUILDING THAT IS SHOWN ON THE PLAN HEREON.

CALCULATIONS:

PER SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2., DESIGN CRITERIA FOR THE CITY OF ALBUQUERQUE, NEW MEXICO, (PART 'A'), DATED JANUARY 1993.

SITE AREA: 87,367.0 SQ. FT. (±), (2.01 ACRES)

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

PEAK INTENSITY: IN./HR. AT T_c = TWELVE (12) MINUTES (100-YR./6 HR.) = 5.05

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
A	0.00	X	1.56 = 0.00
B	0.00	X	2.28 = 0.00
C	1.21	X	3.14 = 3.80
D	0.80	X	4.70 = 3.76

" Q_p " = 7.56 CFS

PROPOSED DEVELOPED CONDITIONS:

TREATMENT	AREA/ACRES	FACTOR	CFS
A	0.00	X	1.56 = 0.00
B	0.00	X	2.28 = 0.00
C	1.10	X	3.14 = 3.45
D	0.91	X	4.70 = 4.28

" Q_p " = 7.73 CFS

*** INCREASE = 0.17 CFS

BENCH MARK REFERENCE:

ACS STATION "12-H16", A BRASS CAP MONUMENT LOCATED AT THE SOUTHEAST INTERSECTION OF CANDELARIA ROAD N.E. AND PRINCETON N.E.; M.S.L.D. ELEVATION = 5088.32; PROJECT BENCH MARK AS SHOWN ON THE PLAN HEREON.

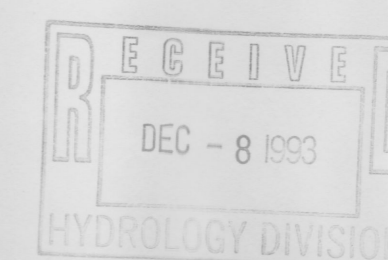
LEGAL DESCRIPTION:

TRACT LETTERED "H", OF THE MENAUL DEVELOPMENT AREA, AN ADDITION TO THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

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:

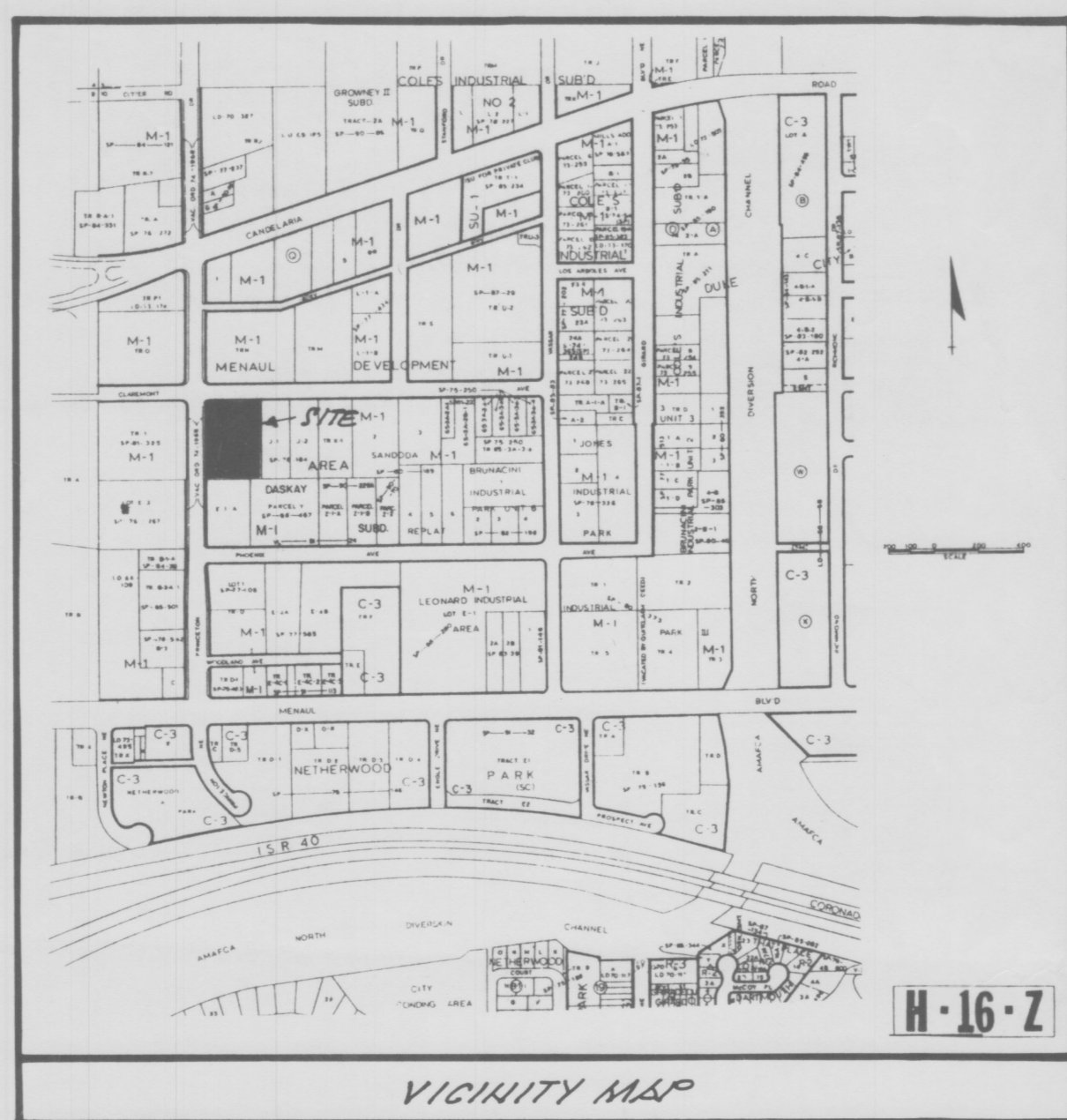
- 1.) ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY CONSTRUCTION OF BERMS, DIKES, SWALES, PONDS, AND OTHER TEMPORARY GRADING AS REQUIRED TO PREVENT STORM RUNOFF FROM LEAVING THE SITE AND ENTERING ADJACENT PROPERTIES.
- 2.) ADJACENT PUBLIC RIGHT-OF-WAYS SHALL BE PROTECTED AT ALL TIMES FROM STORM 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.



ENGINEER'S SEAL

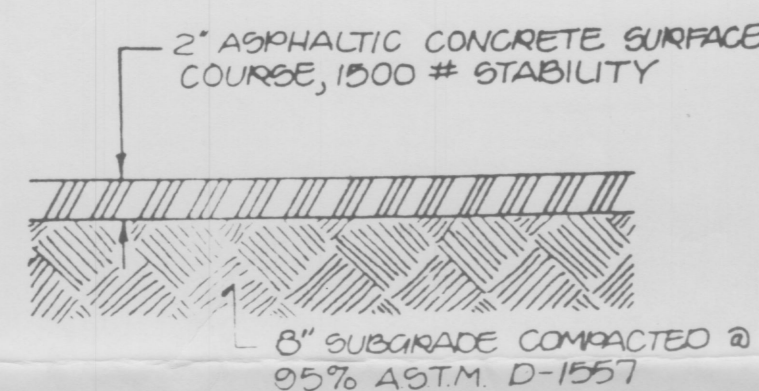
PROPOSED DRAINAGE PLAN
FOR A
STORAGE BUILDING ADDITION FOR
DOC SAVAGE SUPPLY CO.
2110 CLAREMONT AVENUE N.E.
ALBUQUERQUE, NEW MEXICO
DECEMBER, 1993

93113



LEGEND:

EXISTING CONTOUR	=	---	84.0
EXISTING SPOT ELEVATION	=	▲	84.1
PROPOSED CONTOUR	=	---	84.0
PROPOSED SPOT ELEVATION	=	▲	84.50
EXISTING FENCE LINE	=	---	X



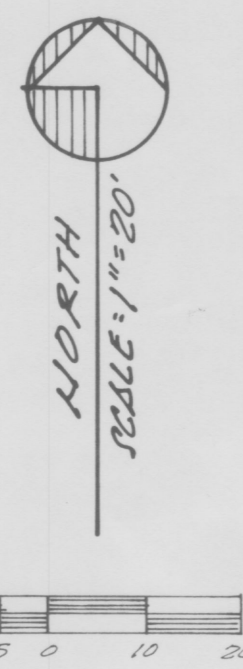
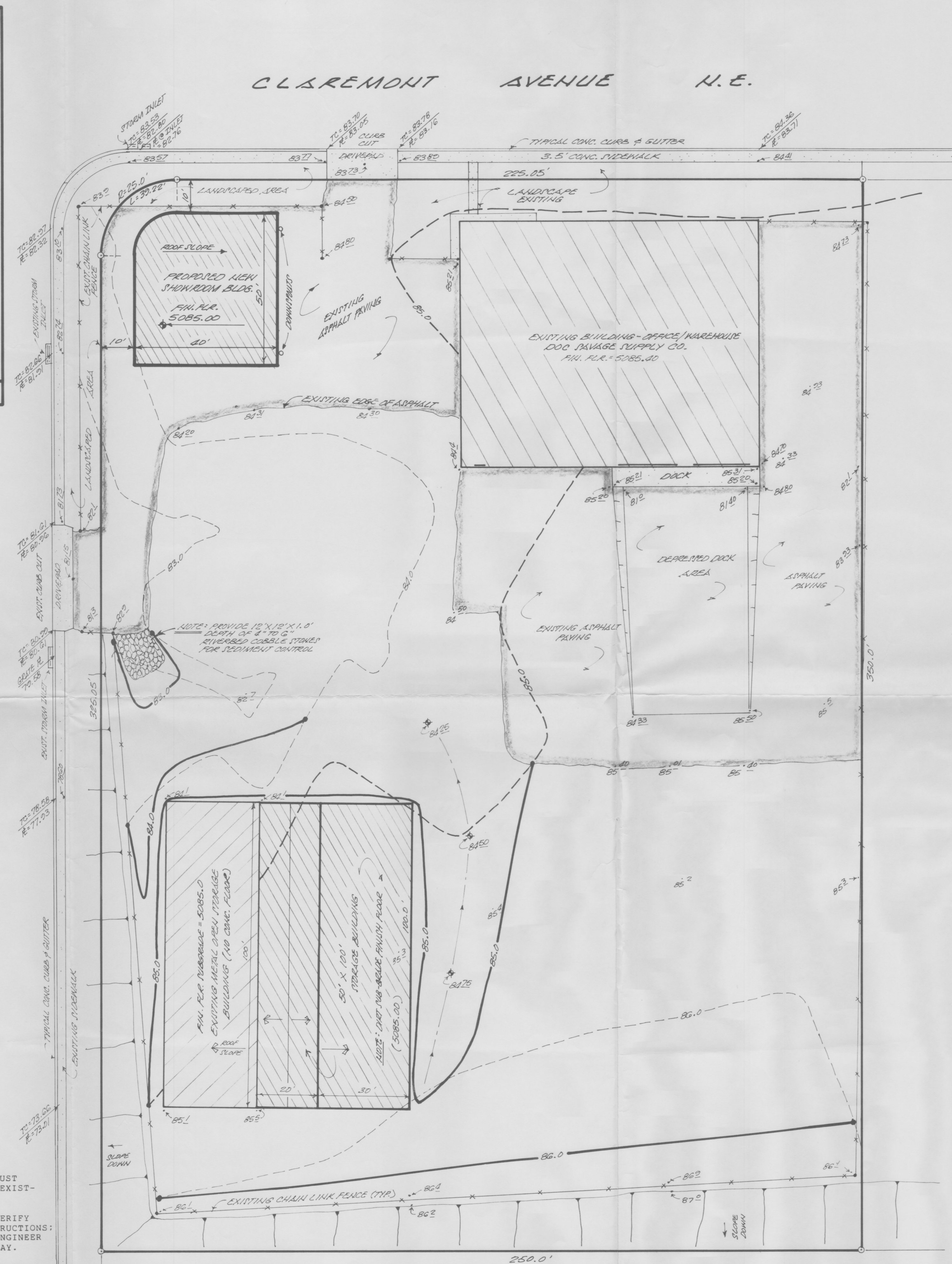
TYPICAL PAVEMENT SECTION
SCALE 1" = 1'-0"

NOTE: THIS ASPHALT PAVING DETAIL SHALL BE USED AS A MINIMUM REQUIREMENT WHERE AND WHEN ASPHALT PAVED AREA(S) IS DESIRED; RECOMMENDATION OF SOILS REPORT OF THIS SUBJECT SITE BE PROVIDED.

CONSTRUCTION NOTES:

- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 260-1290 FOR LOCATION OF EXISTING UTILITIES.
- 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.
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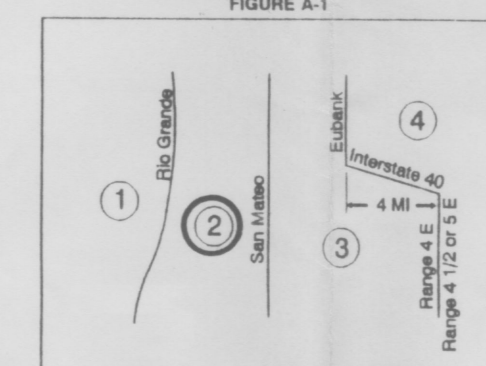


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FIGURE A-1



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DPM SECTION 22.2 - HYDROLOGY
January, 1993 Page A-4

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C	Soil compacted by human activity. Minimal vegetation. Unpaved parking, roads, trails. Most arroyos. 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.
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THE PURPOSE OF THIS PLAN IS TO SHOW THE LOCATION OF THE PROPOSED NEW "SHOWROOM BUILDING" THAT IS TO BE CONSTRUCTED OVER WHAT IS NOW EXISTING ASPHALT PAVING; THERE WILL BE NO INCREASE OF IMPERVIOUS AREA'S.

CALCULATIONS:

PER SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2., DESIGN CRITERIA FOR THE CITY OF ALBUQUERQUE, NEW MEXICO, (PART 'A'), DATED JANUARY 1993.

SITE AREA: 87,367.0 SQ. FT. (+), (2.01 ACRES)

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

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C	1.21	X	3.14 = 3.80
D	0.80	X	4.70 = 3.76

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D	0.91	X	4.70 = 4.28

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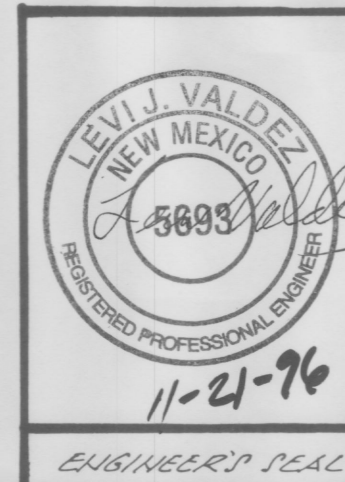
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THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR MANAGEMENT FOR STORM RUN-OFF DURING CONSTRUCTION; HE SHALL INSURE THAT THE FOLLOWING MEASURES ARE TAKEN:

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PROPOSED DRAINAGE PLAN
FOR A
A PROPOSED SHOWROOM BUILDING FOR
DOC SAVAGE SUPPLY CO.
2110 CLAREMONT AVENUE N.E.
ALBUQUERQUE, NEW MEXICO
NOVEMBER, 1996

