HYDROLOGY K13/D4 3 PLANS

K13/D4

3 PLANS

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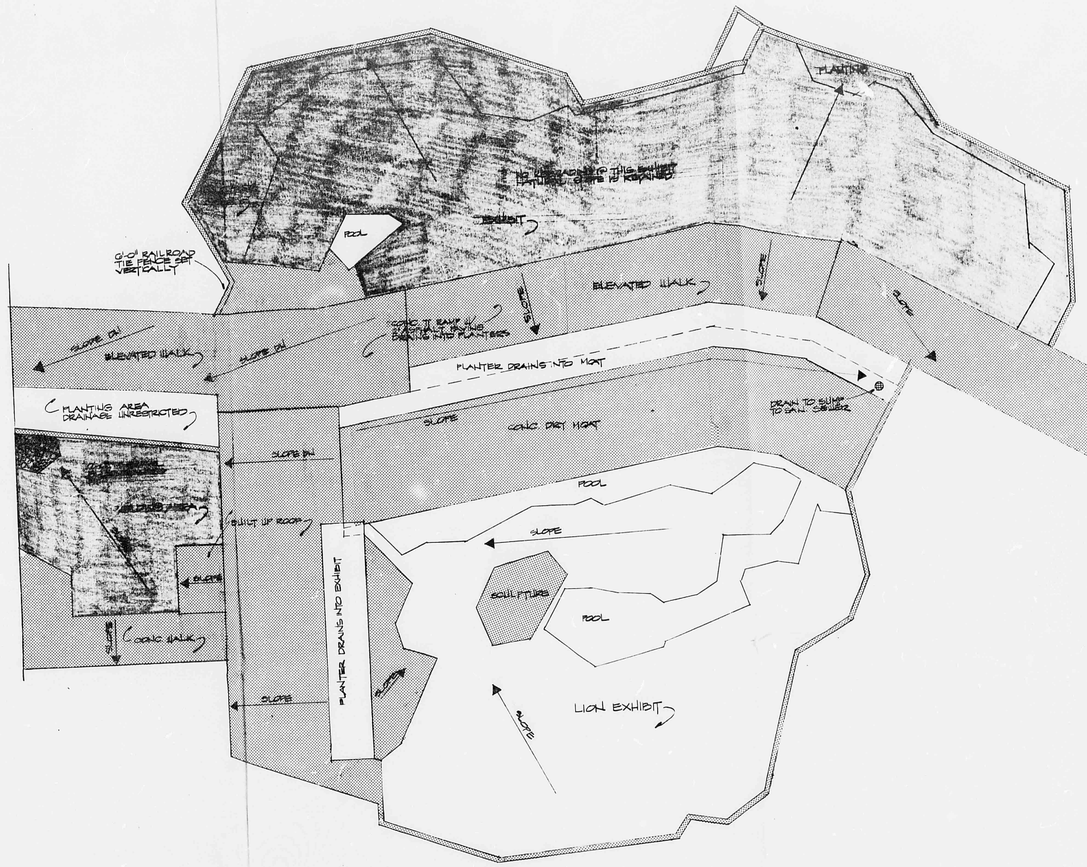
DRAINAGE NOTES

1. All grades slope down in the direction of the arrows.

2. Dotted areas are impervious.
   A. Walkways generally drain into planting areas which serve as ponding for this runoff. These ponded landscaping strips will be filled with sandy soil for maximum drainage. 8" high minimum stem walls at the fronts of the exhibits will prevent overflow into the exhibit area.
   B. Roofs generally drain at a slope of 1:12 to the rear of the exhibit and from there to the existing asphalt roadbed and natural ponding areas at the rear of the exhibit.
   C. Concrete dry moat will contain water from two planters and the lion exhibit. The dry moat will be drained into the sanitary sewer by means of a sump pump at the lowest end (see details, sht. M-4).

3. Colored areas are pervious with contained drainage.
   A. Exhibit areas with landscaping and grass over a two foot layer of decomposed granite or sand consistently slope toward the front of the exhibit near the visitor's walk. Any excess water that may run off at these exhibits will be directed to a landscaped ponding area or to a 2'-0' deep gravel filled drain where it can be held until it can seep into the ground naturally.

4. White areas are pervious and have controlled or unrestricted drainage.
   A. The lion exhibit and two contiguous planters drain into the concrete dry moat where runoff can be pumped into the sanitary sewer.
   B. Pools will retain any water that falls into them, being protected with an overflow drain into the sanitary sewer.
   C. The small planting area near the holding area will retain its natural grading and will continue to drain to its natural, existing ponded area outside the exhibit.



DRAINAGE PLAN 1/8"=1'-0"

STATE OF NEW MEXICO
NO. 3041
JOSE A. PACHECO, JR.
CHARLES GRAHAM
NO. 343
REGISTERED ARCHITECT

pacheco and graham · architects

CARNIVORE EXHIBITS

RIO GRANDE ZOO, ALBUQUERQUE, NEW MEXICO

DRAINAGE PLAN

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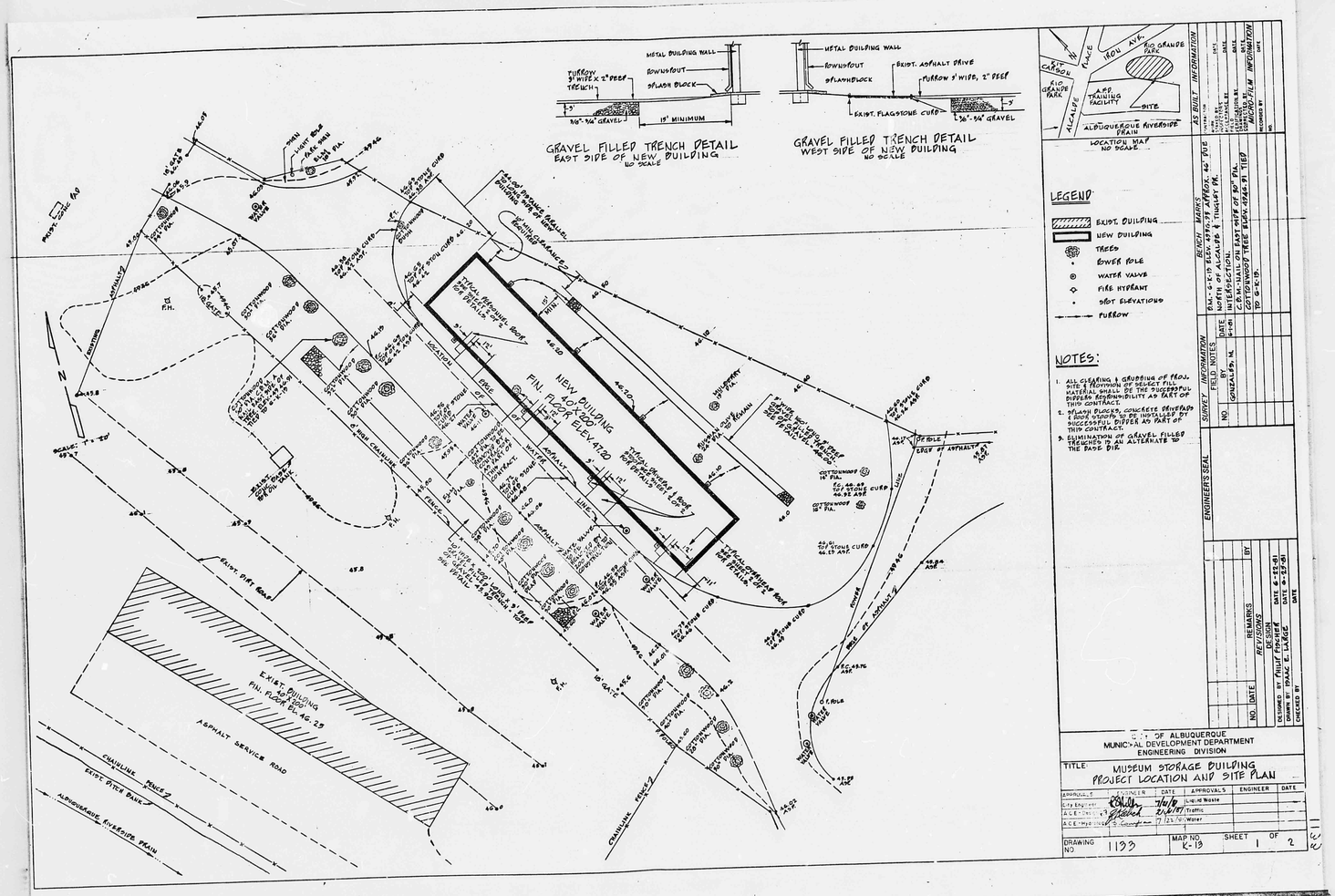
B

A



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B

A

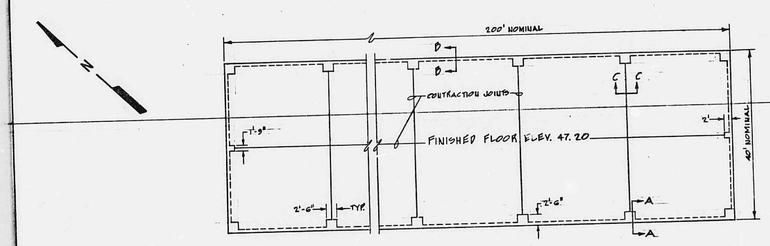
B 5

A 12

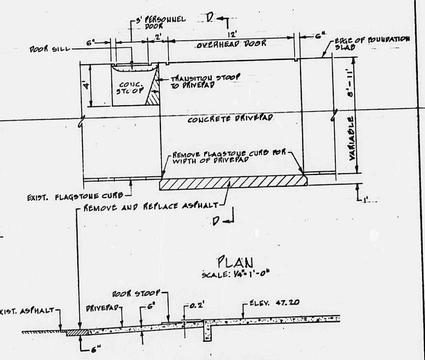
CITY OF ALBUQUERQUE

NOTES:

1. THIS IS A SUGGESTED FOUNDATION PLAN TO BE USED FOR ESTIMATING PURPOSES AND TO INDICATE FINISHED FLOOR ELEVATION. THE SUCCESSFUL BIDDER IS REQUIRED TO SUBMIT A FOUNDATION PLAN FOR THE BUILDING AND OTHER NECESSARY CONSTRUCTION DRAWINGS PREPARED AND STAMPED BY AN ARCHITECT REGISTERED IN THE STATE OF NEW MEXICO FOR APPROVAL BY MUNICIPAL AGENCIES HAVING CODE JURISDICTION.

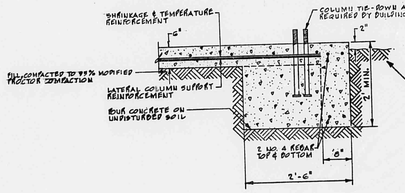


FOUNDATION PLAN
SCALE: 1" = 1'-0"

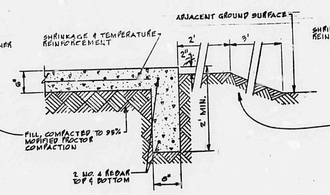


PLAN
SCALE: 1/4" = 1'-0"

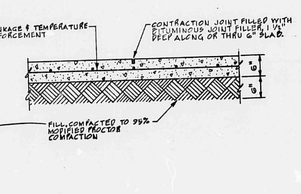
SECTION D-D
NO SCALE



SECTION A-A
SCALE: 1" = 1'-0"



SECTION D-D
SCALE: 1" = 1'-0"



SECTION C-C
SCALE: 1" = 1'-0"

AS BUILT INFORMATION
CHECKED BY
DATE
REVISED BY
DATE
REVISED BY
DATE
CONSTRUCTION BY
DATE
CONTRACTOR BY
DATE
MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

BENCH MARKS
B.M. G.K. 19 ELEV. 46.87
ALUMINUM CAP IN CURB NORTH OF ALCALDE PL. S.W.
AND TINSLEY PK. S.W.

SURVEY INFORMATION
FIELD NOTES
NO. 165 BD
BY
DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY: E. FISCHER DATE 6-22-81
DRAWN BY: DAVID F. LARGE DATE 7-2-81
CHECKED BY: DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: MUSEUM STORAGE BUILDING
SUGGESTED FOUNDATION AND
FLOOR SLAB DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/6/81	Solid Waste		
A.C.E. Traffic		2/6/81	Traffic		
A.C.E. Transportation		7/21/81	Water		

DRAWING NO. 1133 | MAP NO. K-19 | SHEET 2 OF 2

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