HYDROLOGY K13/D11 1 PLAN

K13/D11

1 PLAN

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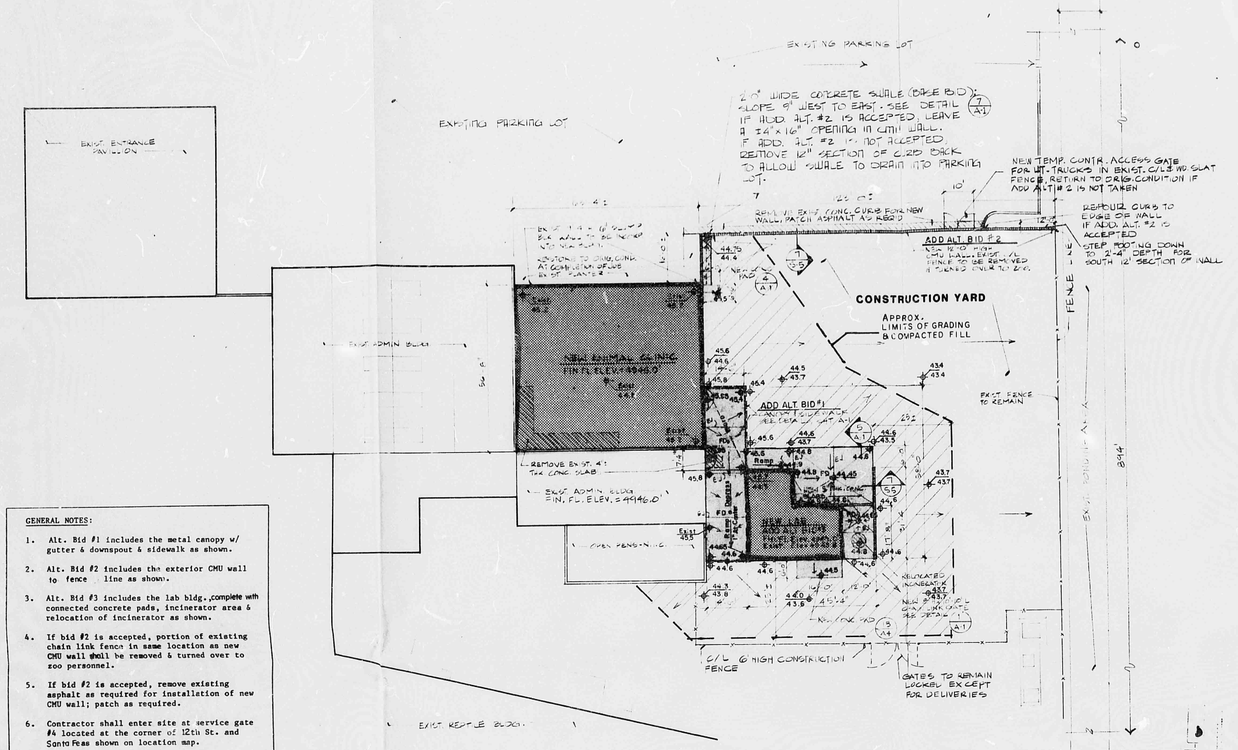
CITY OF ALBUQUERQUE



SITE PLAN

1" = 20'-0"

GENERAL NOTES:

1. Alt. Bid #1 includes the metal canopy w/ gutter & downspout & sidewalk as shown.
2. Alt. Bid #2 includes the exterior CMU wall to fence line as shown.
3. Alt. Bid #3 includes the lab bldg., complete with connected concrete pads, incinerator area & relocation of incinerator as shown.
4. If bid #2 is accepted, portion of existing chain link fence in same location as new CMU wall shall be removed & turned over to zoo personnel.
5. If bid #2 is accepted, remove existing asphalt as required for installation of new CMU wall; patch as required.
6. Contractor shall enter site at service gate #4 located at the corner of 12th St. and Santa Fe as shown on location map.
7. Contractor shall verify all dimensions before beginning work & shall notify architect of any discrepancies.

LEGEND

- NEW CONSTRUCTION - SEE NOTES FOR ALTERNATE BID #1 & #3.
- NEW CONCRETE WORK (EXTERIOR)
- EXIST. CONCRETE PAD TO BE REMOVED
- NEW SPOT ELEVATION / EXISTING SPOT ELEVATION
- NEW SPOT ELEVATION
- EXISTING CHAIN LINK FENCE
- NEW 2'-0" HIGH CMU WALL

DRAINAGE CALCULATIONS

Pond size required (see original calc.) = 13,776 CF
Pond size actual built = 15,310 CF

2.45" for 6 hour period (100 yr. storm)

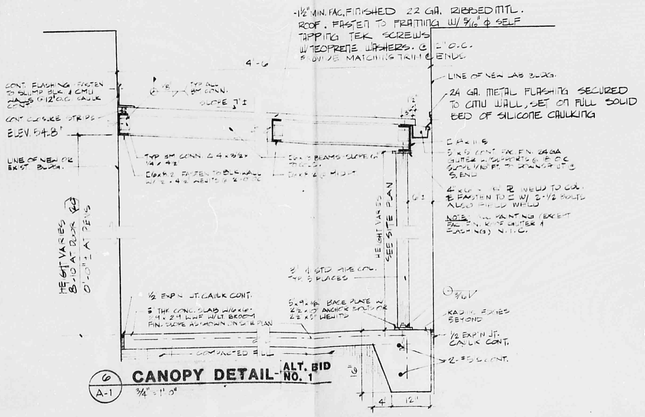
Runoff Coefficients	= unimproved area	21080 SF	
Roofs	.95	building area	5275 SF
Asphalt Paving	.8		
Land unimproved	.5		
Area Park.lots 64176 SF			

Existing Conditions

ParkingLot run off	= 64176 sf x .8 x 2.45/12	=	10482
unimproved land	= 21080 sf x .5 x 2.45/12	=	2152
	TOTAL		12,634 CF

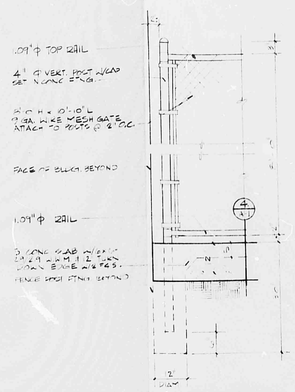
New Conditions

Parking Lot runoff	= 64176 sf x .80 x 2.45/12	=	10482
New Building	= 5275 sf x .95 x 2.45/12	=	1023
unimproved area	= 1580 sf x .5 x 2.45/12	=	1613
	TOTAL		13118 CF



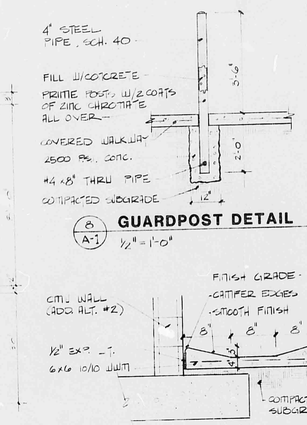
6 / A-1 **CANOPY DETAIL - ALT. BID NO. 1**

3/4" = 1'-0"



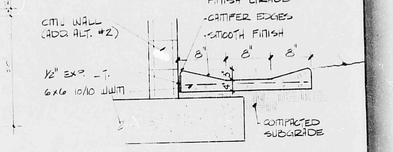
1 / A-1 **CHAIN LINK GATE DETAIL**

1/4" = 1'-0"



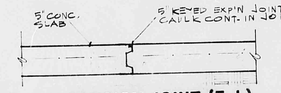
6 / A-1 **GUARDPOST DETAIL**

½" = 1'-0"



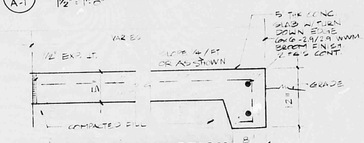
7 / A-1 **SWALE DETAIL**

3/4" = 1'-0"



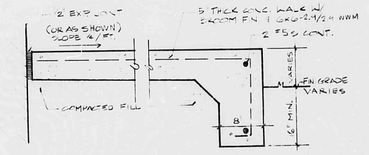
3 / A-1 **EXPANSION JOINT (E.J.)**

1½" = 1'-0"



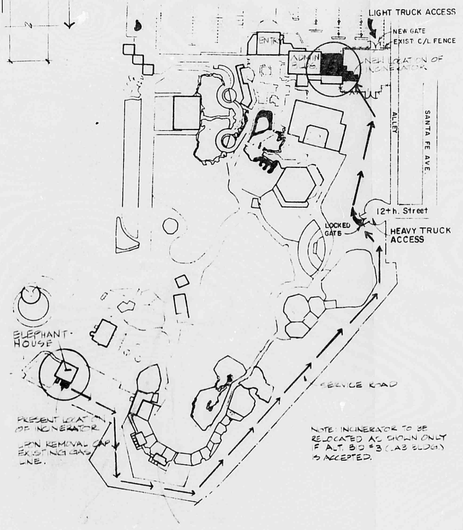
4 / A-1 **CONC. PAD SECTION**

1½" = 1'-0"



5 / A-1 **SIDEWALK SECTION - ALT. BID NO. 1**

1½" = 1'-0"



CONTRACTS ACCESS ROUTE & INCINERATOR RELOCATION PLAN

NOT TO SCALE

REVISED FOR DRAINAGE 9/6/84 - ACS

RIO GRANDE ZOO
CITY OF ALBUQUERQUE
ANIMAL CLINIC & LAB

SITE PLAN & DETAILS

STATE OF NEW MEXICO — DALE L. CRAWFORD — # 357 — REGISTERED ARCHITECT

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DRAWN BY KM	CHKD BY DLC
DATE 8/1/84	SHT. NO. A-1

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