HYDROLOGY

L19/D16
ONE PLAN

L19/D16

1 PLAN

SERVICE CIRCUIT, INC. PARCEL "A"

N

Scale: 1" = 20'

EXISTING BUILDING

VEHICLE POWER LINE

Edge of Dirt Pile

PROPOSED ASPHALT

AREA IV

TRAILER

Exist Block Wall

SHED

PROPOSED BUILD FF=5395.25

Grade to Drain

Build Ridge

SHED FF=5394.13

Grade New Pond

Exist Block Wall

Pens

New Gutter

EXIST BUILD FF=5394.09

AREA II

AREA III

Existing Gutter

Overhang

SHED

Planter

EXIST. BUILD FF=5395.22

AREA I

Brick

Brick Driveway

Exist. Pipe

EXIST. BUILD FF=5393.63

Exist Block Wall

T.B.M. Manhole Rim Elev. 5395.24

VIRGINA

S.E.

STREET

EXIST. TRAILER COURT

AREA V

A

A

Water Surface 5391.3

5' Mountain States Telephone and Telegraph Company Underground Easement (Filing Date 9-15-80, Bk 798, P.P. 448 / 165)

AREA VII

AREA VIII

Grade New Pond

Pens

New Gutter

EXIST. BUILD FF=5395.04

AREA IX

AREA X

EXISTING BUILDING

AREA VI

3-6" dia PVC Pipes
1-4" dia PVC Pipe

Invert 90.0

Water Surface 5391.3

New Trench Thru Sidewalk w Steel Cover

AREA XI

Existing Asphalt Parking

Curb Cut

Sidewalk

Property Line

5' Berm

Level

-0.5% (min)

Existing Ground

Invert 89.3

Construct Sidewalk Culvert as per City of Albuquerque DWG. "K-16" Extend from face of Curb to Property Line

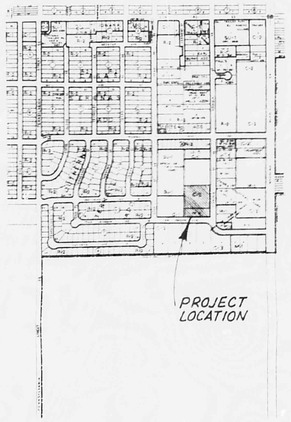
SAN JOAQUIN AVENUE S.E.

T.B.M. Manhole Rim Elev. 5393.48

SECTION "A-A"

LEGEND

5392	Existing Contour
(92.0)	New Contour
•92.8	Existing Spot Elev.
×92.8	New Spot Elev.
	Fence



VICINITY MAP

Zone Atlas L-19

APPROVED FOR DRAINAGE
8-10-82
DATE
SIGNATURE TITLE
ADVISE DRAINAGE INSPECTOR WHEN GRADING EXECUTED

GRADING & DRAINAGE NOTES:
The main pond and west property line berm shall be constructed prior to disturbing the soil surface on any other portion of the project

TOPOGRAPHY NOTES:
1) Origin of Elevation: ACS BM 8-L20-5402.03
2) Date of Survey: March, 1982

Note: Grading & Drainage Topo by J.J. Bordenave

REGISTERED PROFESSIONAL LAND SURVEYOR 5110 NEW MEXICO JEAN J. BORDENAVE

ADAM, HAMLYN, ANDERSON
PRINTED
AUG 9 1982

Existing Topography by O.T. Morrison L.S. #1010

Engineers File No. AC 82517

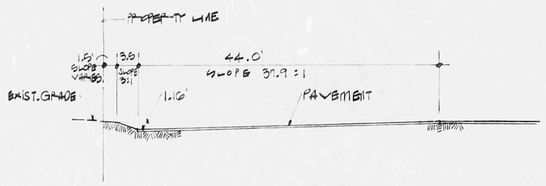
L19/D16

HYDROLOGY

L19/D19
ONE PLAN

L19/D19

1 PLAN



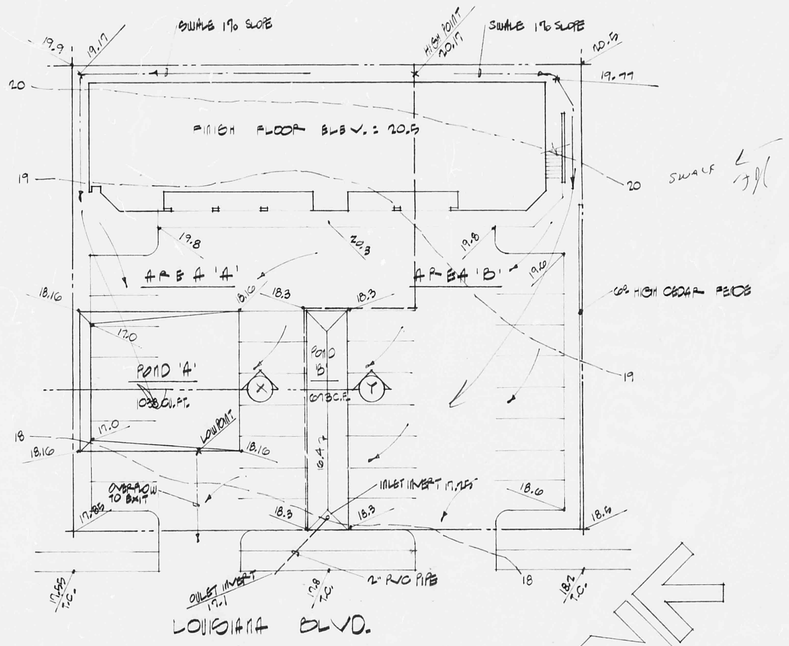
POND CROSS-SECTION (X)

1.9' DEEP

POND CROSS-SECTION (Y)

DRAINAGE CALCULATIONS:	
AREA 'A':	
BUILDING AREA:	3605 SQ.FT.
CONCRETE WALKS:	380
PAVING:	6120
TOTAL IMPERVIOUS:	10,105 SQ.FT.
POND REQ'D: 10,105 x 0.1 = 1011 CU.FT.	
AREA 'B':	
BUILDING AREA:	1476 SQ.FT.
CONCRETE WALKS:	290
PAVING:	4872
TOTAL IMPERVIOUS:	6638 SQ.FT.
POND REQ'D: 6638 x 0.1 = 663 CU.FT.	

APPROVED FOR DRAINAGE
6-17-91
DATE
SIGNATURE TITLE
APPROVED BY: DRAINAGE INSPECTOR
DATE EXECUTED



DRAINAGE PLAN 1" = 20'-0"

NOTE:
SEE SITE PLAN FOR CORRECT DIMENSIONS

No ponding required, all runoff must be routed thru the driveway on an approved curb-cut. ~~This submittal shall replace on the originally approved drainage plan on this office~~

L19/D19