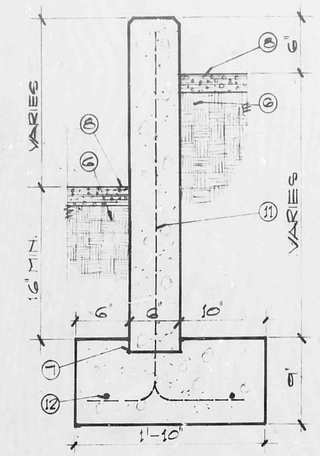
HYDROLOGY

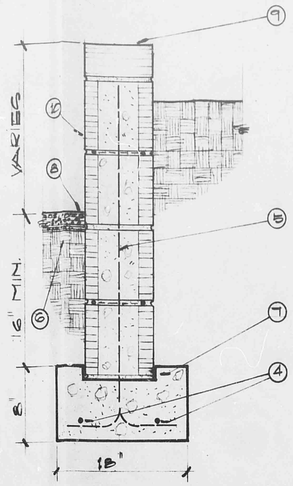
F18/D42

TWO PLANS

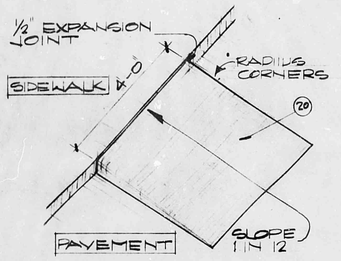
NO DOCUMENT



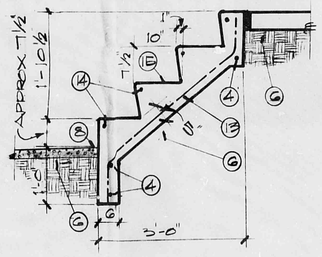
3 C-1 CONC. RET WALL TYP. 1 1/2" = 1'-0"



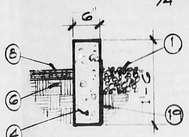
2 C-1 CONC. BLOCK RET. WALL TYP. 1 1/2" = 1'-0"



5 C-1 CONCRETE WHEELCHAIR RAMP NO SCALE



4 C-1 CONC. STEPS 3/4" = 1'-0"



6 C-1 CURB DETAIL 3/4" = 1'-0"

LANDSCAPING

= JUNIPER TREES 10' - 15'

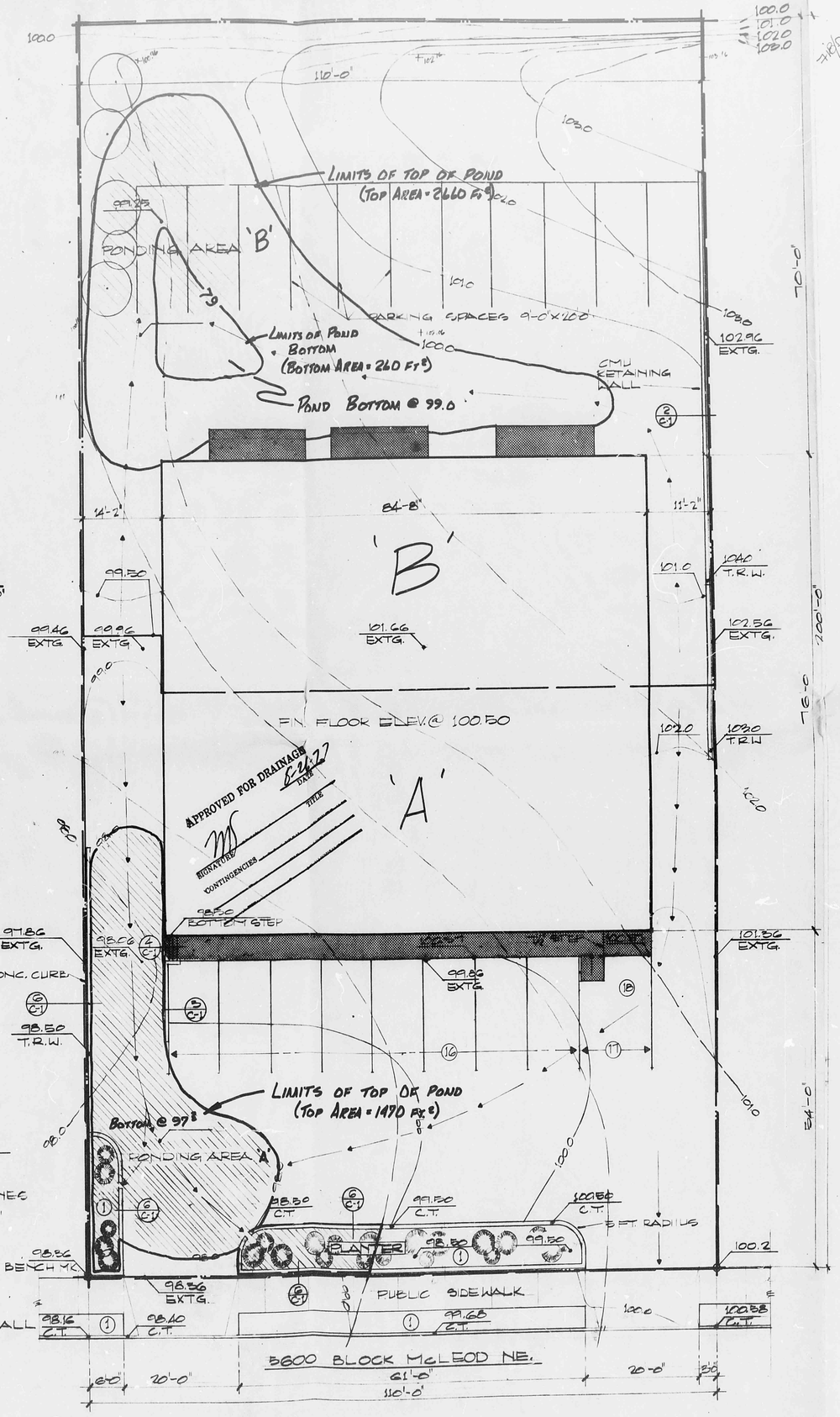
= 5 GAL. TALL JUNIPERS

CALCULATED PARKING DATA

TOT LOT AREA IN FT.² = 11904
REQ. LANDSCAPING FT.² = 893

LEGEND

- 00.0 = SPOT ELEVATION FINISHED GRADE
- 00.0 = GRADED CONTOUR LINES
- 00.0 = EXISTING " "
- = PONDING AREA
- = DRAINAGE FLOW LINES
- 00.0 C.T. = CURB TOP
- 00.0 T.R.W. = TOP OF RETAINING WALL
- = CONCRETE



1 C-1 PLOT PLAN 1" = 10'

NOTE STRIP

1. ALL PLANTERS TO HAVE 3/4"-1 1/2" RIVER RUN GRAVEL AS GROUND COVER
2. ALL DIMENSIONS RELATE TO FOUNDATIONS ON SHT S-1.
3. PONDING INVERT.
4. #4 REBAR CONT.
5. #5 VERT REBAR @ 16" O.C. GROUT CELLS FULL. DURA-WALL @ 16" O.C.
6. 6" COMPACTED SUBGRADE
7. 1 1/2" DEPRESSED KEY
8. 2" ASPHALT PAVING ON PRIME COAT, ON 6" COMPACTED SUBGRADE
9. 4" x 8" x 16" CAP BLOCK
10. 8" x 8" x 16" C.M.U.
11. #5 VERT. BAR @ 16" O.C.
12. 2-#3 CONT
13. 6x6-0/10 W.W.F.
14. #4 NOSE BAR
15. CARBORUNDUM GRIT, TYPICAL @ ALL TREADS
16. PARK SPACES 9' x 18' W/2' WIDE PAINTED LINES
17. HANDICAPPED PARKING, 12' x 18'
18. WHEEL CHAIR RAMP, SEE DET. #5, SHT C-1
19. POLYETHYLENE SHEET TO EXTEND 2'-0" BELOW GRADE ON PLANTER (WEST) SIDE OF CURB
20. CONC., ROUGH BROOM FINISH

LEGAL DESCRIPTION

TRACT 'W' OF THE LAND OF ASSOCIATED INVESTORS A CO-PARTNERSHIP WITHIN NW 1/4 SEC. 36, T. 11N, R. 3E N.M.P.M. WITHIN ELENA GALLEGOS GRANT, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

James W. Miller AIA Architecture / Planning
3225B Candelaria Rd NE Albuquerque, New Mexico 87107

APRIL 77

PLOT PLAN

OFFICES FOR C & W ASSOC.
5600 McLEOD RD. NE.
ALBUQUERQUE, N.M.

DRAWN BY: J.A. PARKER

C1

F18/D42 (2)

F18/042

SHEET 1A

DRAINAGE CALCULATIONS: PONDING REQ. 1894 CU.FT. CONC. CURB

DRAINAGE AREA #2

RUN OFF

PERVIOUS AREA 1000 SF x $\frac{2.4}{12}$ x 0.4 = 80 CU. FT.

IMPERVIOUS AREA 6150 SF x $\frac{2.4}{12}$ x .9 = 1107 CU. FT.

TOTAL 1187 CU. FT.

POND #2 - 25' x 38' x 1.25' = 1187 CU.FT.

DRAINAGE AREA #1

RUN OFF.

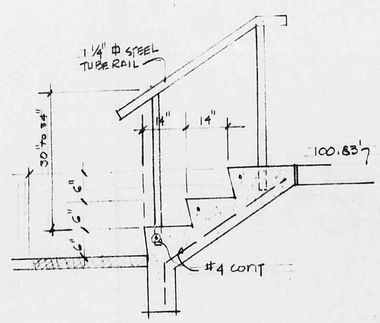
PERVIOUS AREA 1120 SF x $\frac{2.4}{12}$ x 0.4 = 89.6 CU. FT.

IMPERVIOUS AREA ~~5625~~ 5625 SF. x $\frac{2.4}{12}$ x 0.9 = ~~1818~~ 1818 CU.FT.

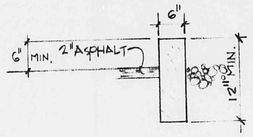
TOTAL ~~1907~~ 1907.6 CU.FT.

POND #1 26' x 56' x .5' = 728 CU.FT.

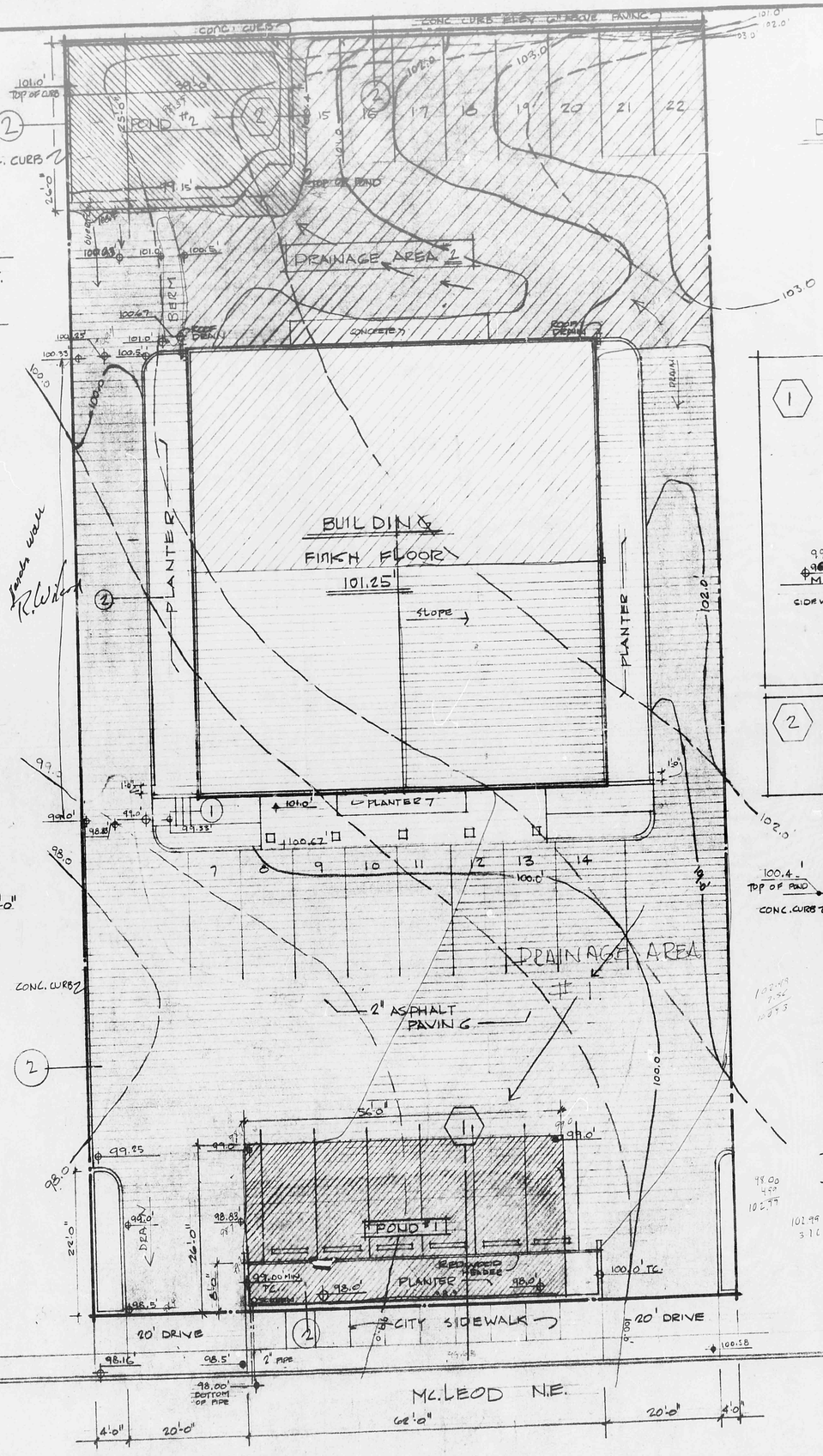
TOTAL PONDING PROVIDED 1915 CU. FT.



1 CONC. STEPS SCALE 3/4"=1'-0"



2 CURB DETAIL



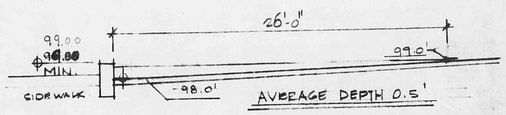
DRAINAGE & LANDSCAPE PLAN
SCALE 1"=10'-0"

DRAINAGE CALCULATIONS

LOT AREA	22,000 S.F.
LANDSCAPING	986 S.F.
PAVING	13078 S.F.
BUILDING & WALKS	5864 S.F.
TOTAL IMPERVIOUS AREA	18942 S.F.
PONDING REQUIRED	1894 CU. FT.

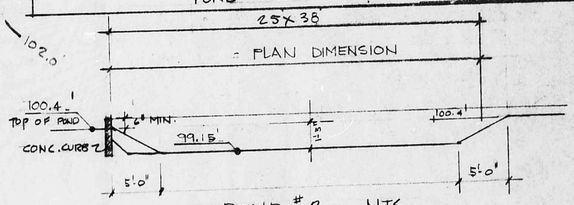
1 DRAINAGE AREA #1
VOLUME OF RUN OFF
1107 CU.FT.

POND #1 = 26' x 56' x .5 = 728 CU.FT.



2 DRAINAGE AREA #2
RUN OFF 1187 CU. FT.

POND # 2 = 25' x 38' x 1.25' = 1187 CU.FT.



POND #2 N.T.S.

POND AREA
DRAINAGE AREA #2
PAVING DRAINAGE AREA #
NEW GRADES
EXISTING GRADES

LANDSCAPE & DRAINAGE PLAN

JOHN VANDERPOL architect
11601 Elwood Place NE
ALBUQUERQUE, NEW MEXICO 87112
298 7323

APPROVED FOR DRAINAGE
10-29-79
ADVISE DRAINAGE ENGINEER WHEN GRADING BEGINS
SATISFIED CO-017-0641 OK 10-26-79