

POND # 2
NOT TO SCALE

** NOTE: 2 YR. STORM EVENT PASSES THROUGH 3-1/2" W.Q.V. ORIFICE.

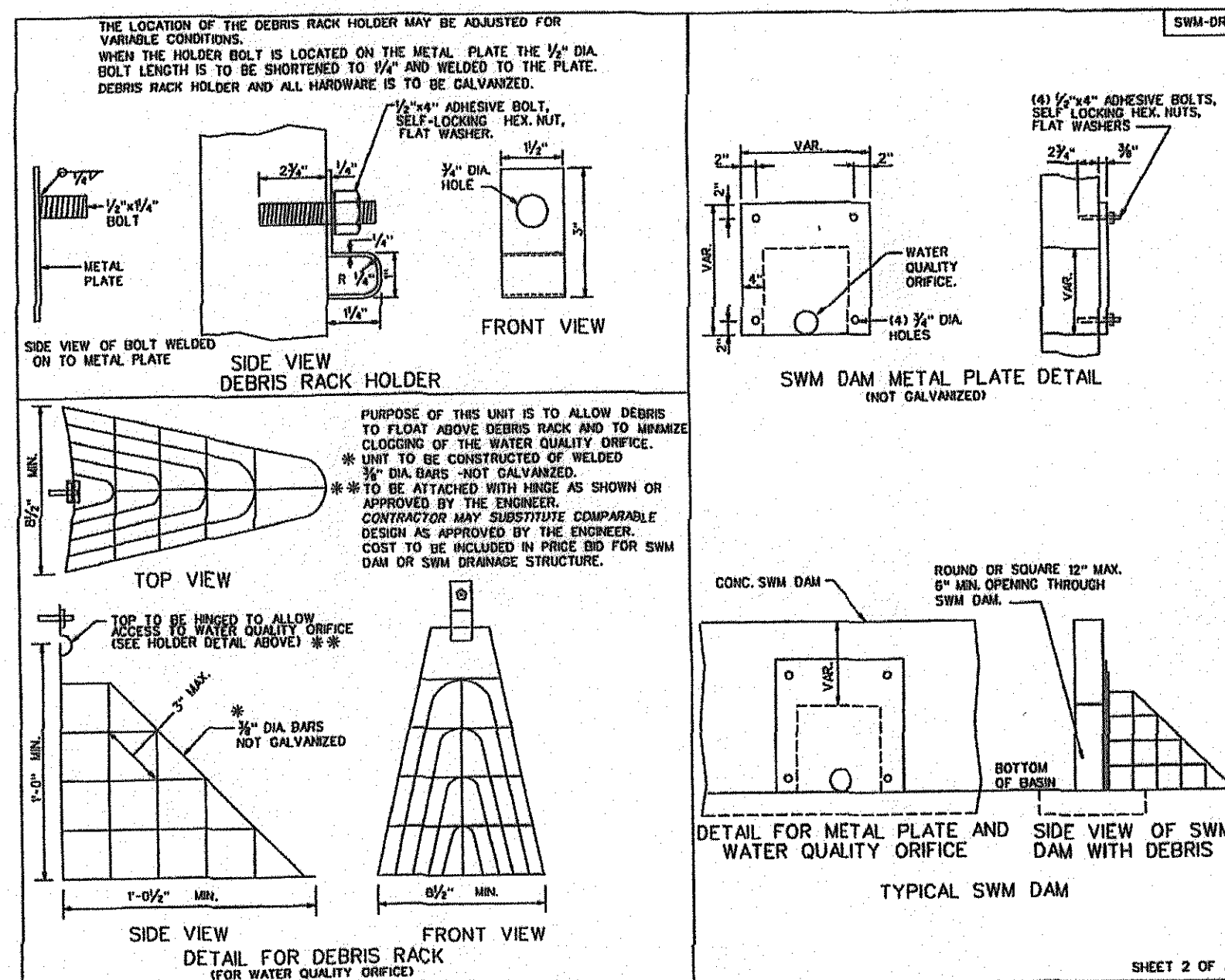
EXTEND PERMANENT STAMPEDE TO TOP OF BERM DURING USE AS ST. UPON CONVERSION TO PERM. SWM FACILITY SET CREST & INSTALL WEIR AS SHOWN
 MIN. 8' BERM
 TOP OF BERM = 971.00
 1.0' CLAY LINER
 TOP OF PERM SPILLWAY = 969.55
 3:1
 4.0' DIA. VDOT B-1 BASE
 PIPE CARRIES Q10 3.0 CFS
 INV = 963.9
 2%
 32 LF TO OUTFALL 15" RCP CL III @ 1.16%
 1.5' 3500 PSI CONC. BELOW INV.
 PERMANENT TOP-FLAT TOP SLAB WITH MANHOLE COVER WITH CONVERSION TO PERM. SWM FACILITY.
 3.5'L x 0.4' DEEP VERTICAL RECTANGULAR WEIR KNOCKOUT FOR PERM. SWM CONVERSION
 1.0' FREEBOARD
 100 YR. WSE = 970.00
 Q100 = 8.7 CFS
 10 YR. WSE = 969.53
 2 YR. WSE = 969.15**
 3.5'
 W.Q.V. = 969.15
 EW-1PC * SEE NOTE
 SLOPE BEYOND ENDWALL
 INV=964.00
 TEMPORARILY PLUG 3-1/2" ORIFICE
 2.0 LF-15" RCP CL III @ 4.76% - Q10=3.0 CFS
 FLOW

2. SEE SHEET C2.01 FOR PROFILE INFORMATION.

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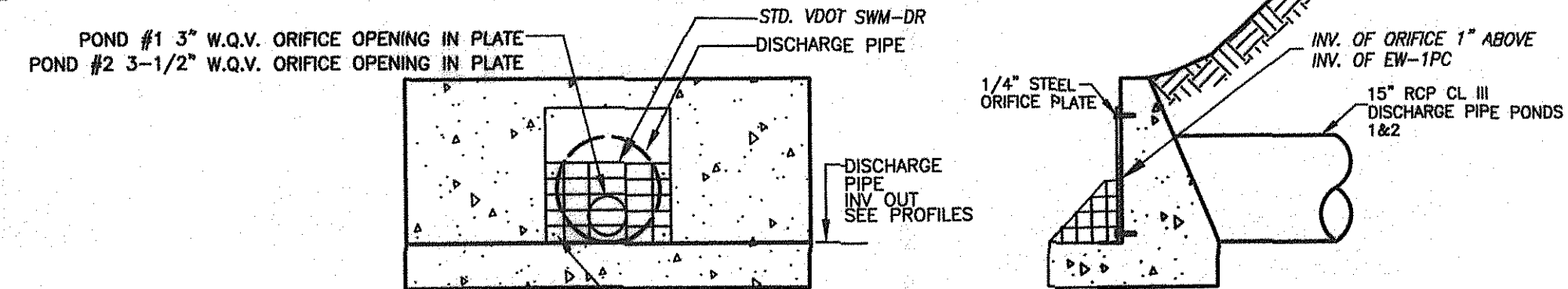
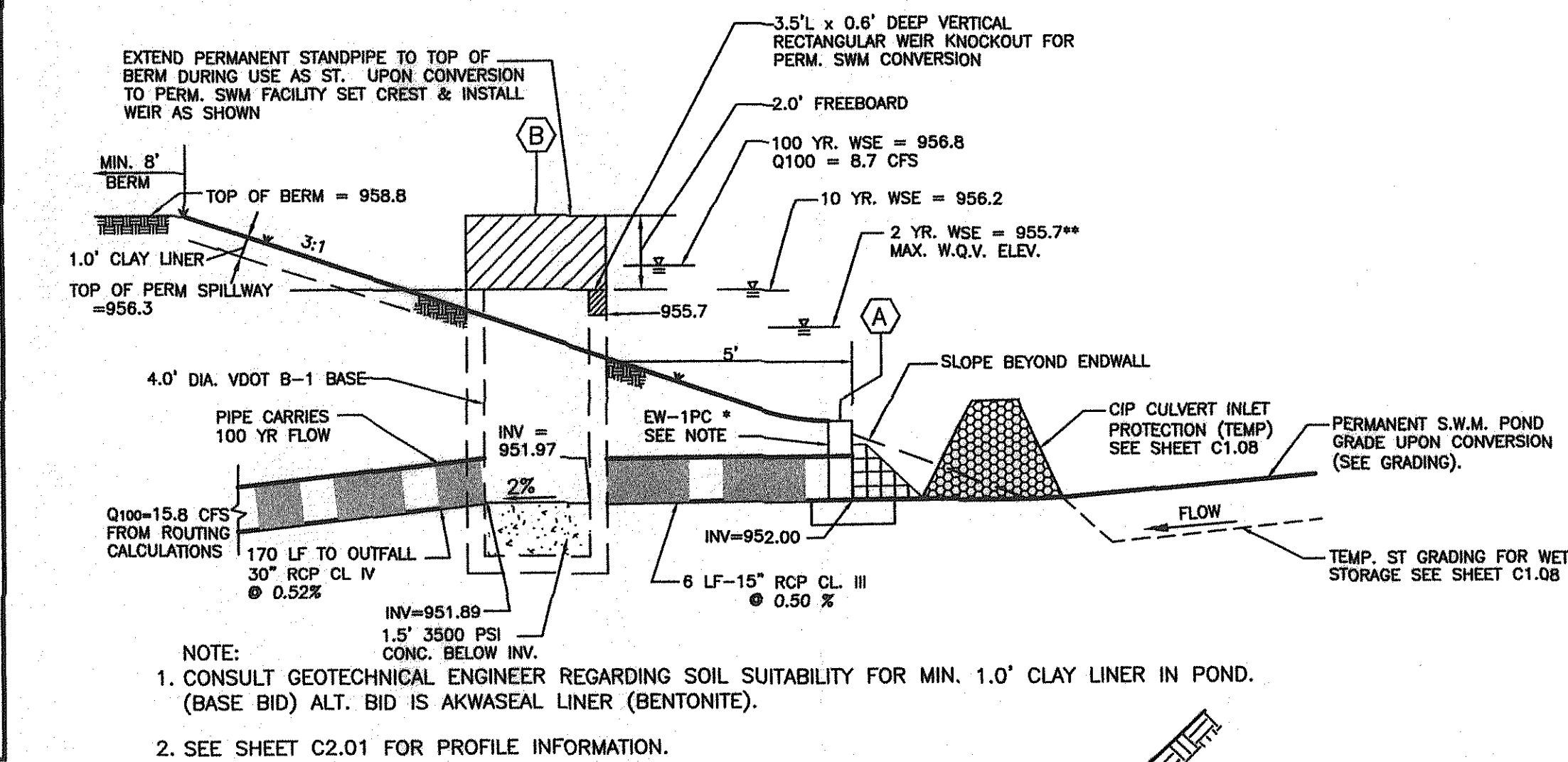
NOTE:
SLOPE SPILLWAY BOTTOM 1% TOWARD OUTFALL
SIDE OF BERM.

STRUCTURE-- STRUCTURE	STRUCTURE DESCRIPTION
D - E	32 LF-15" RCP CL III @ 1.16% EW-1
E	STANDPIPE 4.0' DIA VDOT B-1 BASE
E - F	2.1 LF-15" RCP CL III @ 4.76% EW-1

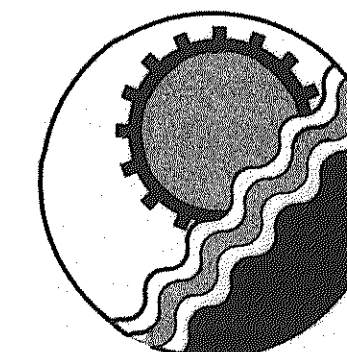
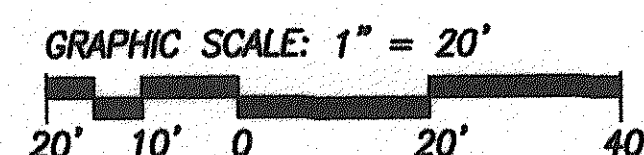
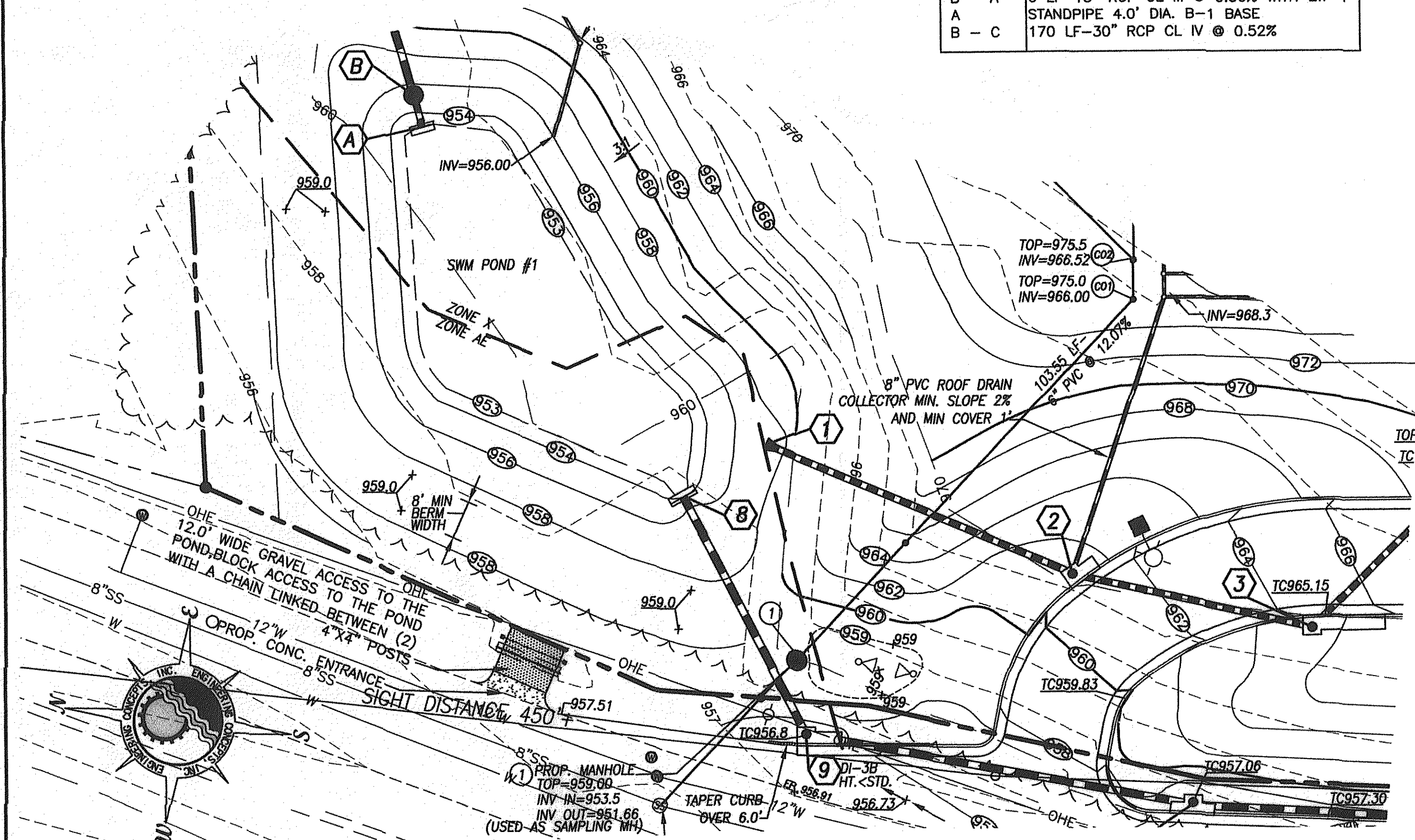


POND # 1
NOT TO SCALE

** NOTE: 2 YR. STORM EVENT PASSES THROUGH 3" W.Q.V. ORIFICE.



STRUCTURE- STRUCTURE	STRUCTURE DESCRIPTION
B - A	6 LF-15" RCP CL III @ 0.50% WITH EW-1
A	STANDPIPE 4.0' DIA. B-1 BASE
B - C	170 LF-30" RCP CL IV @ 0.52%



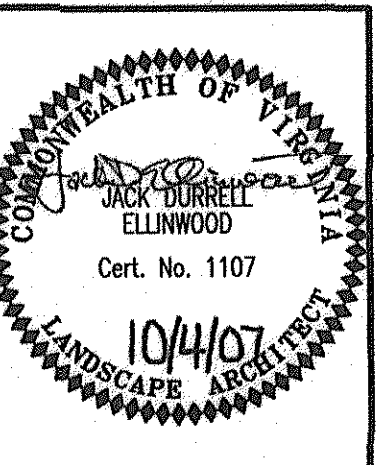
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3	10.04.07	drb/jde	city	09.26.07
2	09.06.07	drb/jde	city	08.30.07
1	07.30.07	drb/jde	city	06.04.07

revisions

date	May 30, 2007
project	0612200
designed	JDE
drawn	DRB
checked	JDE

**RODRIGUEZ
RIPLEY
MADDUX
MOTLEY
ARCHITECTS**



BRBH - HOLLINS ROAD PROJECT

SWM FACILITY GRADING PLAN

sheet 9

C1.07

of