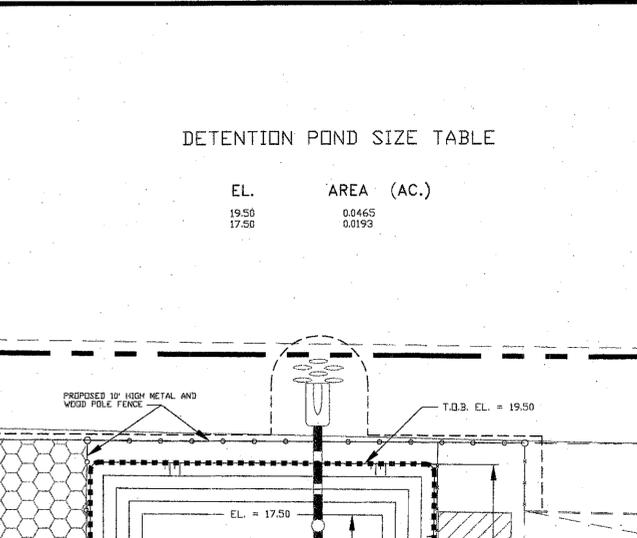
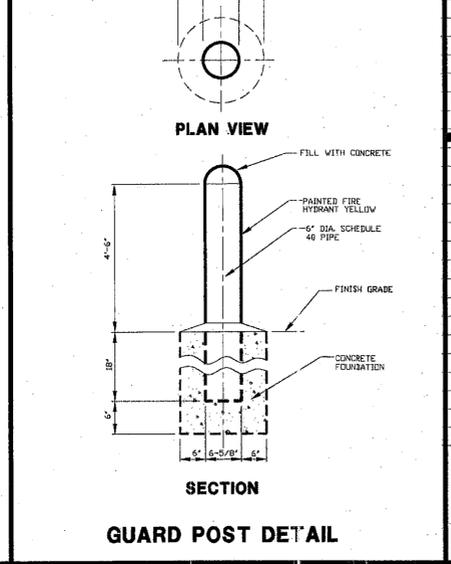


DETENTION POND SIZE TABLE

E.L.	AREA (AC.)
19.50	0.0465
17.50	0.0193



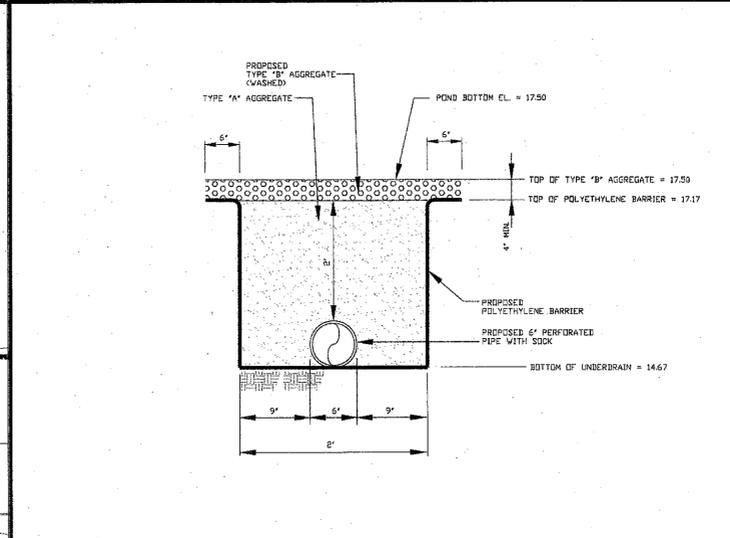
UNDERDRAIN NOTES

TYPE "A" AGGREGATE: FILTER AGGREGATE FOR UNDERDRAINS SHALL CONSIST OF WASHED MATERIAL MEETING F.O.D.T. WASHED SHALE & LIMESTONE SHALL NOT BE USED FOR FILTER AGGREGATE. PERMEABILITY OF THE AGGREGATE SHALL BE 2.5 FT/HR. MINIMUM.

TYPE "B" AGGREGATE: 3/4" TO 1" STONE, RIVER GRAVEL, OR EQUAL (NO LIMESTONE, MARL, OR SIMILAR MATERIAL).

UNDERDRAIN: THE UNDERDRAIN SHALL BE SLOTTED CORRUGATED POLYETHYLENE PIPE ASTM F-405-77 OR A.A.S.H.T.O. M-252 HAVING A MINIMUM SLOTTED AREA OF 1.50 IN/FT. OF PIPE MANUFACTURED BY A.D.S. OR HANCOCK. PIPE SHALL BE FACTORY PRE-WRAPPED WITH FILTER FABRIC.

TESTING: THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH SIEVE ANALYSIS & PERCOLATION TEST RESULTS PERFORMED BY AN INDEPENDENT TESTING LABORATORY PRIOR TO DELIVERY OF THE FILTER AGGREGATE MATERIAL ON SITE. FAILURE TO MEET THE SPECIFIED PERMEABILITY OR SIEVE ANALYSIS WILL BE CAUSE FOR REJECTION OF THE MATERIAL.



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