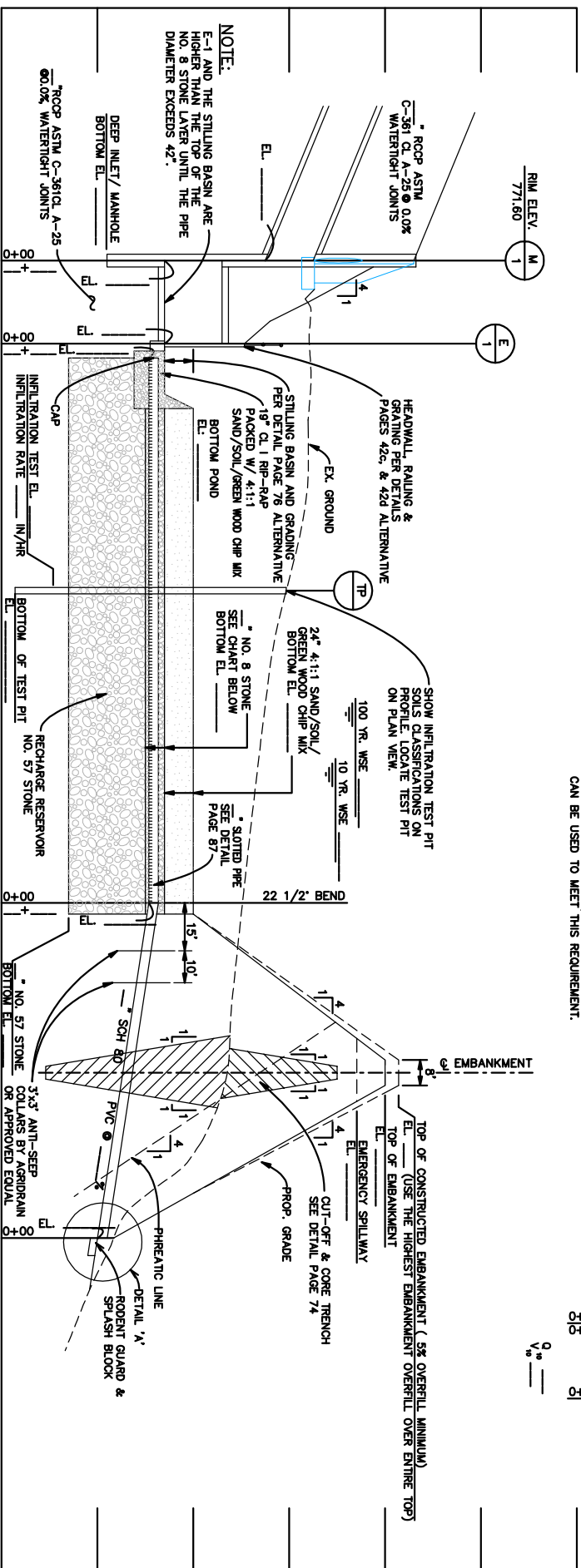


# CARROLL COUNTY POND - SAND FILTER POND WITHOUT RISER PRINCIPAL SPILLWAY PROFILE MODIFIED FOR 2' FILTER MEDIA R/R PRACTICE

DETAIL 'A'

**VERY IMPORTANT:**  
IF THE UNDERDRAIN DISCHARGES INTO THE STREAM BUFFER  
V<sub>50</sub> MAY NOT EXCEED 2 FT/SEC AT THE EDGE OF THE BUFFER  
PER C.C. WPA IV CSB2. A 10 FT FLAT SECTION OF  
OVERSIZED UNDERDRAIN, STANDARD REDUCER AND BEND  
CAN BE USED TO MEET THIS REQUIREMENT.



73 (AMENDED)

STONE DEPTH PER UNDERDRAIN DIAMETER	MINIMUM NO. 8 STONE DEPTH
4"	10"
6"	14"
8"	18"
10"	22"

REVISED FOR R/R DESIGN

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 SWM Program Engineer  
 DISTRIBUTED FOR COMMENT MAY 3, 2010  
 COMMENTS RECEIVED AT C.C. SURVEYORS  
 MTG. NOV 20, 2013. REVISED TO ADD CHART  
 EFFECTIVE DATE: MARCH 20, 2014