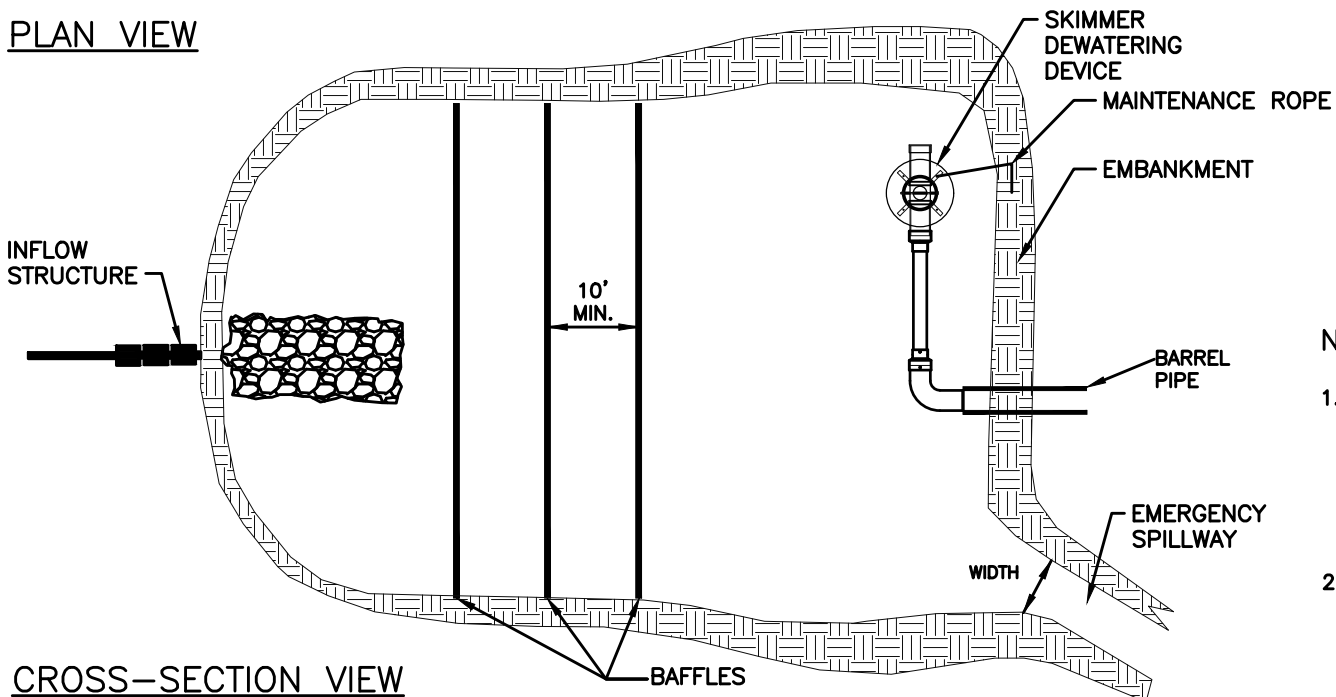
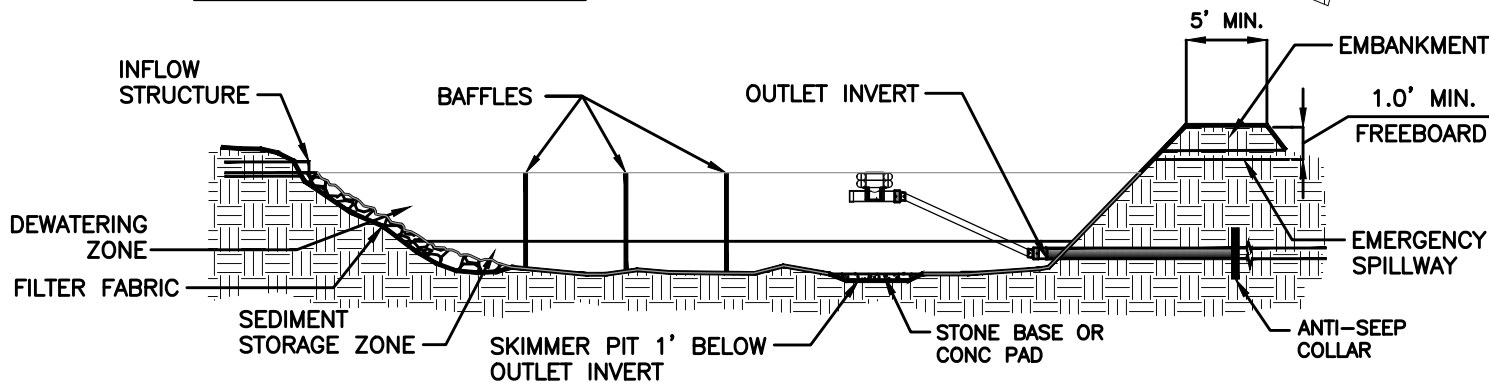


SKIMMER SEDIMENT BASIN DESIGN CRITERIA	
MIN. LENGTH TO WIDTH RATIO	2:1
MAX. LENGTH TO WIDTH RATIO	6:1
MIN. VOLUME REQUIRED	1800 CU. FT. (67 CU. YD.) PER AC. DISTURBED
SURFACE AREA REQUIRED	325 SQ. FT. PER CFS Q10
MINIMUM DEWATERING TIME	48 HRS
MAXIMUM DEWATERING TIME	120 HRS

PLAN VIEW



CROSS-SECTION VIEW



NOTES:

1. REFER TO MS4 FOR ADDITIONAL DESIGN SPECIFICATIONS REGARDING SKIMMER SEDIMENT BASINS.
2. INSTALL SKIMMER PARALLEL TO BANK FOR EASE OF INSPECTION.

* IF EQUAL ALLOWED MUST CONFIRM MEETS FLOW RATE RANGE SPECIFIED.

NOT TO SCALE

DATA BLOCK

BASIN NO.	DRAINAGE AREA (ACRES)	DISTURBED AREA (ACRES)	Q ₁₀ (C.F.S.)	BASIN VOLUME		BASIN SURFACE AREA		OUTLET INVERT (ELEV.)	BARREL PIPE (SIZE)	EMERGENCY SPILLWAY (ELEV.)	EMERGENCY SPILLWAY (WIDTH)	SKIMMER SIZE	SKIMMER ORIFICE DIAMETER	SKIMMER MANUFACTURER	EQUAL ALLOWED *		SKIMMER FLOW RATE	
				REQUIRED (C.F.)	PROVIDED (C.F.)	REQUIRED (C.F.)	PROVIDED (C.F.)								YES	NO	MIN.	MAX.



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TEMPORARY SKIMMER SEDIMENT BASIN

REV 8/9/18