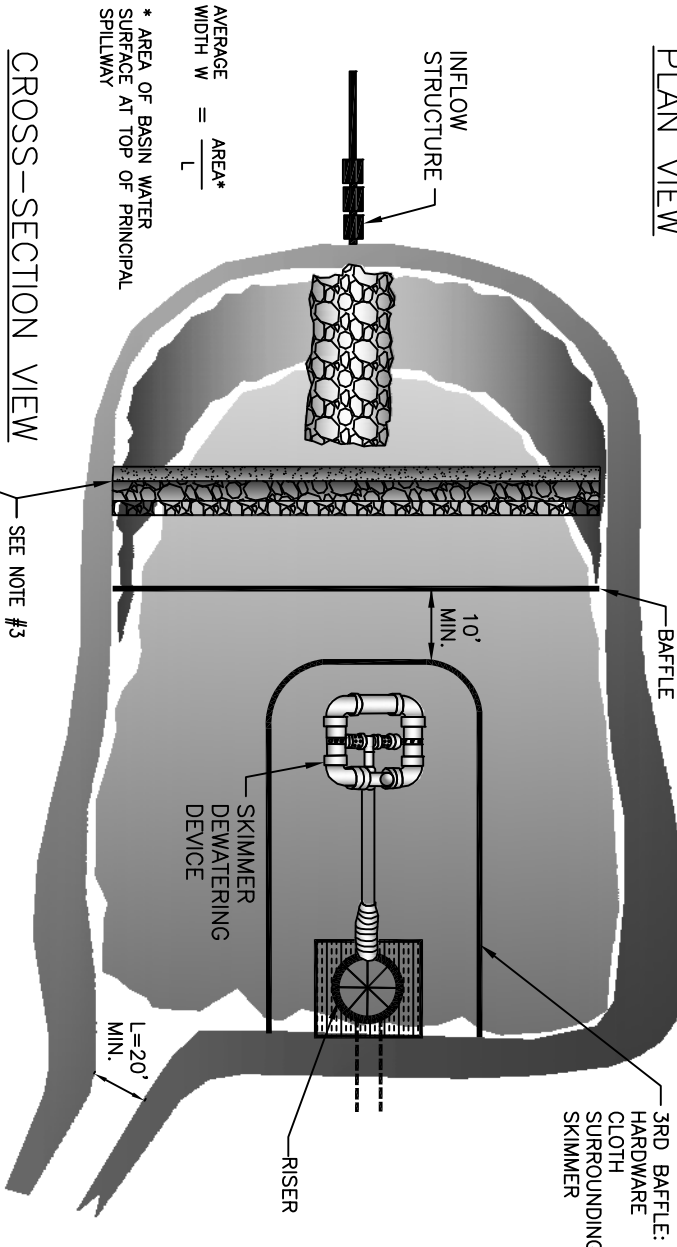
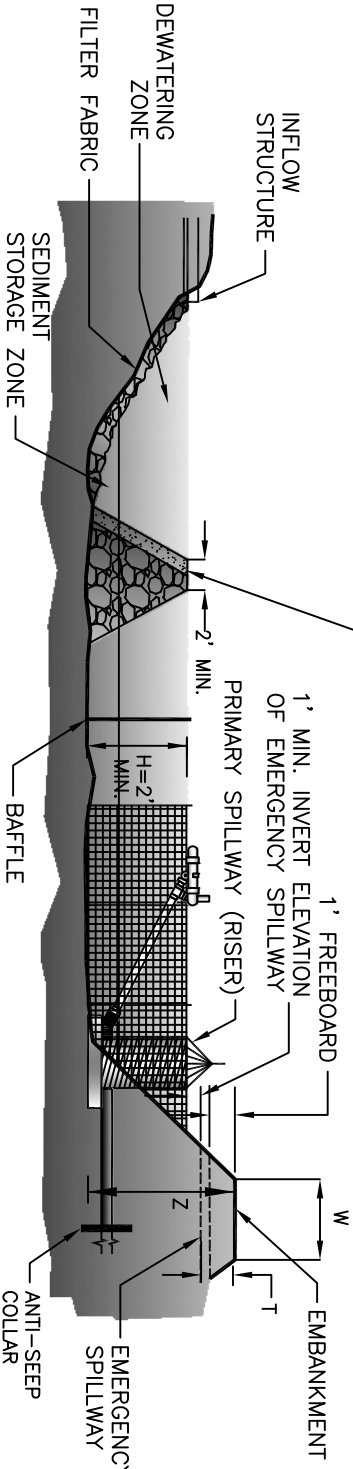


SEDIMENT BASIN DESIGN CRITERIA	
DRAINAGE AREA (ACRES)	>10 AC. <100 AC.
MIN. LENGTH TO WIDTH RATIO	2:1
MAX. LENGTH TO WIDTH RATIO	6:1
MIN. VOLUME REQUIRED	1800 (CU. FT. PER AC. DISTURBED)
SURFACE AREA REQUIRED	435 (SQ. FT. PER CFS Q10)

PLAN VIEW



CROSS-SECTION VIEW



- NOTES:
1. REFER TO NCESCPDM SECTION #6.61 FOR ADDITIONAL DESIGN SPECIFICATIONS REGARDING SEDIMENT BASINS.
 2. REFER TO STD. #30.19 FOR BAFFLE SPACING AND INSTALLATION.
 3. FIRST BAFFLE IS TO BE CONSTRUCTED OF RIP-RAP AND #5 WASHED STONE, WITH A MIN. HEIGHT OF 3' AND MIN. TOPWIDTH OF 2'.
 4. FLASHBOARD RISER IS NOT PERMITTED.

DATA BLOCK

BASIN NO.	DRAINAGE AREA (ACRES)	DEVELOPED AREA (ACRES)	BASIN VOLUME		BASIN SURFACE AREA		CLEANOUT DEPTH H/2 (FT.)	H (FEET)	L (FEET)	T (FEET)	W (FEET)	Z (FEET)	SKIMMER PIPE DIAMETER	SKIMMER ORIFICE DIAMETER
			REQUIRED (C.F.)	PROVIDED (C.F.)	REQUIRED (C.F.)	PROVIDED (C.F.)								
			Q ₁₀											

NOT TO SCALE