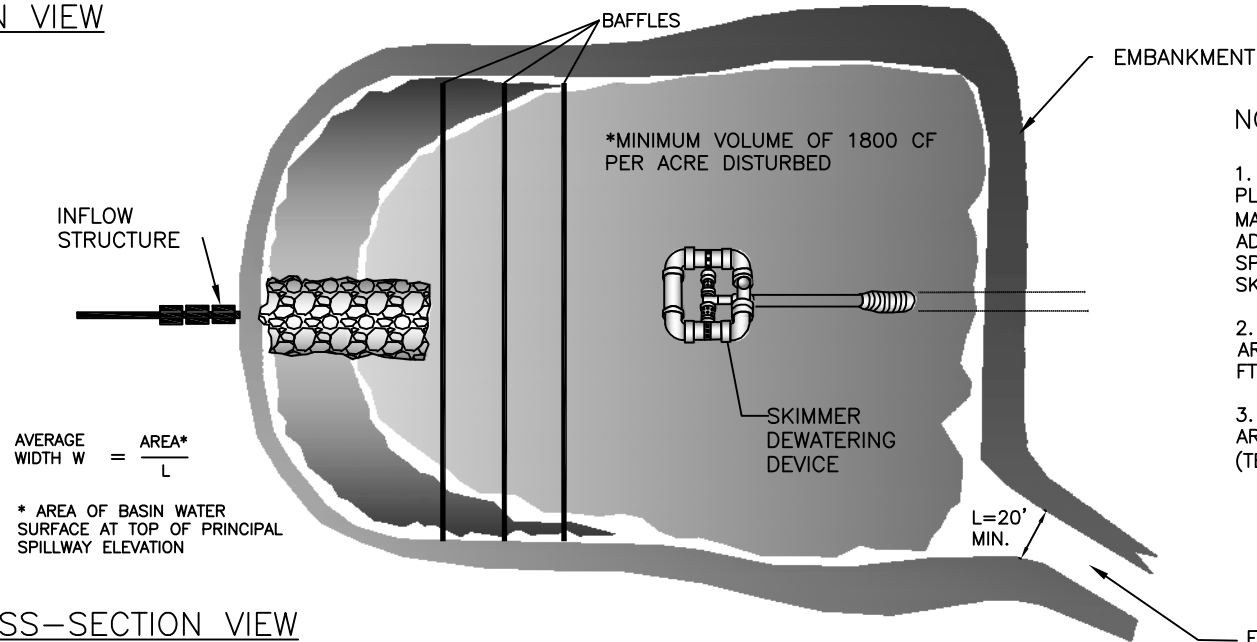


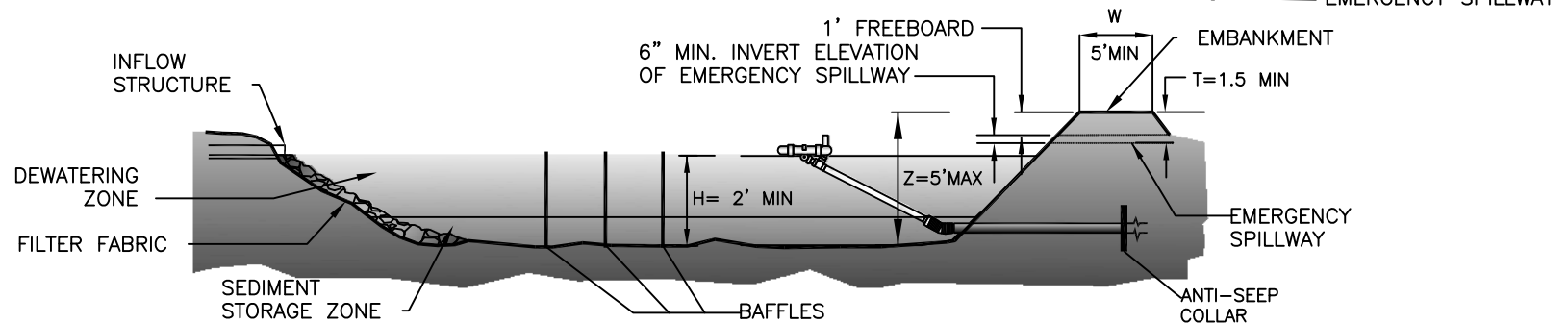
PLAN VIEW



NOTES:

1. REFER TO NCDENR PLANNING AND DESIGN MANUAL SECTION #6.64 FOR ADDITIONAL DESIGN SPECIFICATIONS REGARDING SKIMMER SEDIMENT BASINS.
2. MINIMUM SURFACE AREA REQUIRED IS 325 SQ FT PER CFS Q10.
3. USE FOR DRAINAGE AREA NOT EXCEEDING 10 (TEN) ACRES.

CROSS-SECTION VIEW



MINIMUM LENGTH TO WIDTH RATIO: 2:1
MAXIMUM LENGTH TO WIDTH RATIO: 6:1

DATA BLOCK

BASIN	DRAINAGE AREA (ACRES)	DENUDE AREA (ACRES)	Q ₁₀	BASIN VOLUME		BASIN SURFACE AREA		CLEANOUT DEPTH (FT.) H/2	H (FEET)	Z (FEET)	L (FEET)	T (FEET)	W (FEET)	SKIMMER PIPE DIAMETER	SKIMMER ORIFICE DIAMETER
				REQUIRED (CUBIC FT.)	PROVIDED (CUBIC FT.)	REQUIRED (SQ FT.)	PROVIDED (SQ FT.)								

REFERENCE: NCDENR PLANNING AND DESIGN MANUAL, JUNE 2006

REVISIONS		
NO.	DATE	DESCRIPTION



SKIMMER SEDIMENT BASIN

CITY OF MONROE
UNION COUNTY NORTH CAROLINA
PREPARED BY:
ENGINEERING DEPARTMENT

FILE: I:/Maps-Details/Detail Manual/Details
DRAWN BY: DKO DATE: 05/2008
CHECKED BY: JNL SCALE: N.T.S.
DETAIL 03.08.02