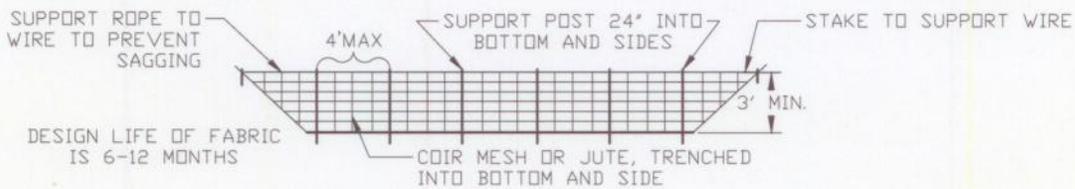
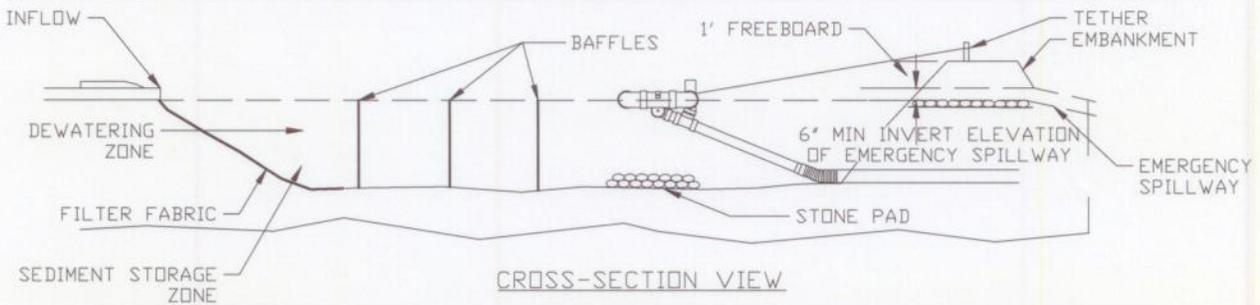


PERSPECTIVE VIEW



BAFFLE DETAIL



CROSS-SECTION VIEW

DESIGN CRITERIA

PRIMARY SPILLWAY:	TRAPEZOIDAL SPILLWAY WITH IMPERMEABLE MEMBRANE
MAXIMUM DRAINAGE AREA:	10 ACRES
MINIMUM VOLUME:	1800 CU FT PER ACRE OF DISTURBED AREA
MINIMUM SURFACE AREA:	325 SQ FT PER CFS OF Q10 PEAK FLOW
MINIMUM L/W RATIO:	2:1
MINIMUM L/W RATIO:	6:1
MINIMUM DEPTH:	2 FEET
DEWATERING MECHANISM:	SKIMMER
DEWATERING TIME:	2 DAYS MIN. 5 DAYS MAX.
BAFFLES REQUIRED:	3 MINIMUM (COIR OR JUTE) MESH
DESIGN LIFE:	3 YEARS MAX

NOTE:

1. SEE NCDENR EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL FOR CONDITIONS WHERE PRACTICE APPLIES; PLANNING CONSIDERATION & DESIGN CRITERIA.