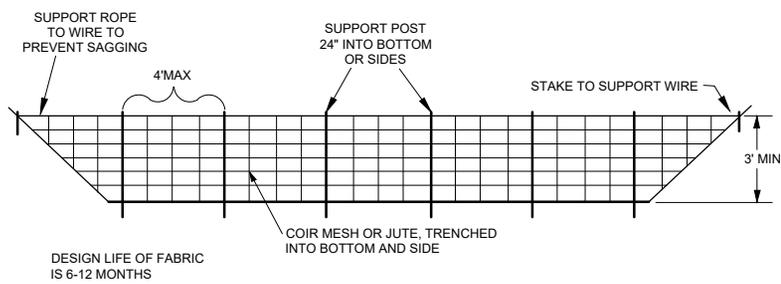


BAFFLE DETAIL



DESIGN CRITERIA

SUMMARY:	TEMPORARY SEDIMENT BASIN
PRIMARY SPILLWAY:	RISER / BARREL PIPE
MAXIMUM DRAINAGE AREA:	100 ACRES MAX.
MINIMUM SEDIMENT STORAGE VOLUME:	1800 CUBIC FEET PER ACRE OF DISTURBED AREA
MINIMUM SURFACE AREA:	435 SQUARE FEET PER CFS OF Q ₂₅ PEAK INFLOW
MINIMUM L/W RATIO:	2:1
MAXIMUM L/W RATIO:	6:1
MINIMUM DEPTH:	2 FEET
DEWATERING MECHANISM:	SKIMMER ATTACHED TO BOTTOM OF RISER
MINIMUM DEWATERING TIME:	24 HOURS
BAFFLES REQUIRED:	3 MINIMUM
DESIGN LIFE:	3 YEARS MAX
DAM HEIGHT:	15 FEET OR LESS FROM TOP OF DAM TO LOW POINT OF DOWNSTREAM TOE.

NOTE:
SEE NC DEQ EROSION and SEDIMENT CONTROL PLANNING and DESIGN MANUAL.



**TOWN OF INDIAN TRAIL
STANDARD DETAIL**

SKIMMER SEDIMENT BASIN

REVISIONS	Scale
	Not To Scale
	Revision Date
	02/2021
	Detail #
	EC_12.02