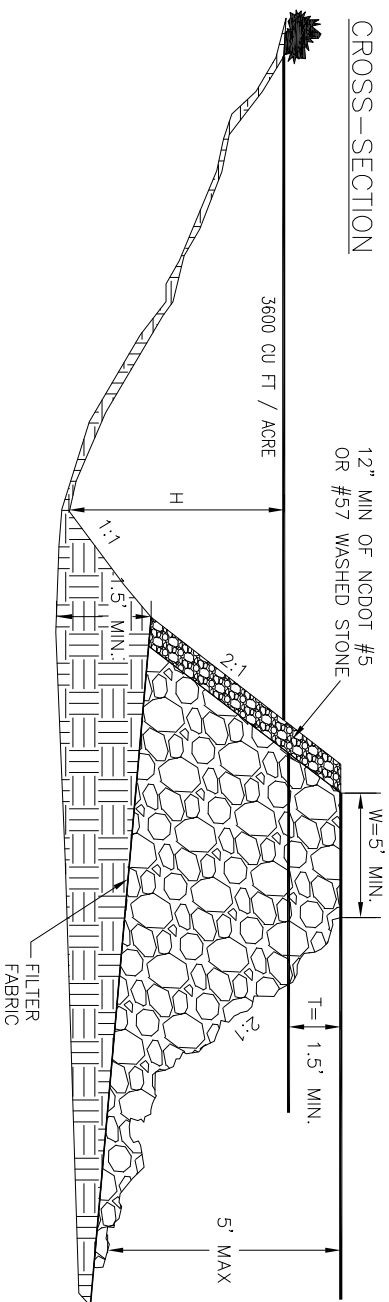
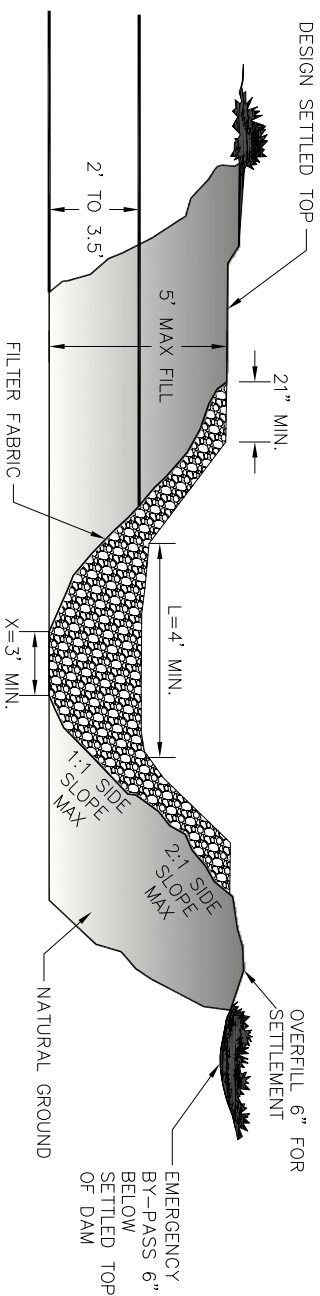


TEMPORARY SEDIMENT TRAP DESIGN CRITERIA	
DRAINAGE AREA (ACRES)	< 5 AC.
MIN. LENGTH TO WIDTH RATIO	2:1
MIN. VOLUME REQUIRED (CU. FT. PER AC. DISTURBED)	3600
SURFACE AREA REQUIRED (SQ. FT. PER CFS @10)	435



**PLAN VIEW**



DESIGN OF SPILLWAYS	
DRAINAGE AREA (ACRES)	WEIR LENGTH (FT.)
1	4.0
2	6.0
3	8.0
4	10.0
5	12.0

<sup>1</sup> DIMENSIONS SHOWN ARE MINIMUM

**MAINTENANCE**

INSPECT TEMPORARY SEDIMENT TRAPS AT LEAST WEEKLY AND AFTER EACH PERIOD OF SIGNIFICANT RAINFALL (1/2" OR GREATER). REMOVE SEDIMENT AND RESTORE TRAP TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP. PLACE THE SEDIMENT THAT IS REMOVED IN A DESIGNATED DISPOSAL AREA AND REPLACE THE PART OF GRAVEL FACING THAT IS IMPAIRED BY SEDIMENT.

CHECK THE STRUCTURE FOR DAMAGE FROM EROSION OF PIPING. PERIODICALLY CHECK THE DEPTH OF THE SPILLWAY TO ENSURE IT IS A MINIMUM OF 1.5 FT. BELOW THE LOW POINT OF THE EMBANKMENT. IMMEDIATELY FILL ANY SETTLEMENT OF THE EMBANKMENT TO SLIGHTLY ABOVE DESIGN GRADE. ANY RIP RAP DISPLACED FROM THE SPILLWAY MUST BE REPLACED IMMEDIATELY.

AFTER ALL SEDIMENT-PRODUCING AREAS HAVE BEEN PERMANENTLY STABILIZED, REMOVE THE STRUCTURE AND ALL UNSTABLE SEDIMENT. SMOOTH THE AREA TO BLEND WITH THE ADJOINING AREAS AND STABILIZE PROPERLY.

**DETAIL NOT TO SCALE**

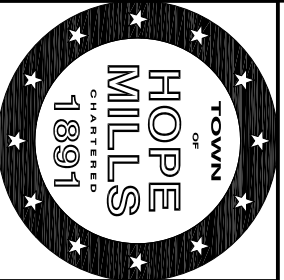
**NOTE:**

PLEASE REFER TO NCSOPM SECTION #6.60 FOR ADDITIONAL DESIGN SPECIFICATIONS REGARDING TEMPORARY SEDIMENT TRAPS.

**TEMPORARY SEDIMENT TRAP**

**EROSION CONTROL**

Detail EC-3



Town of Hope Mills, North Carolina

February 28, 2015 Original