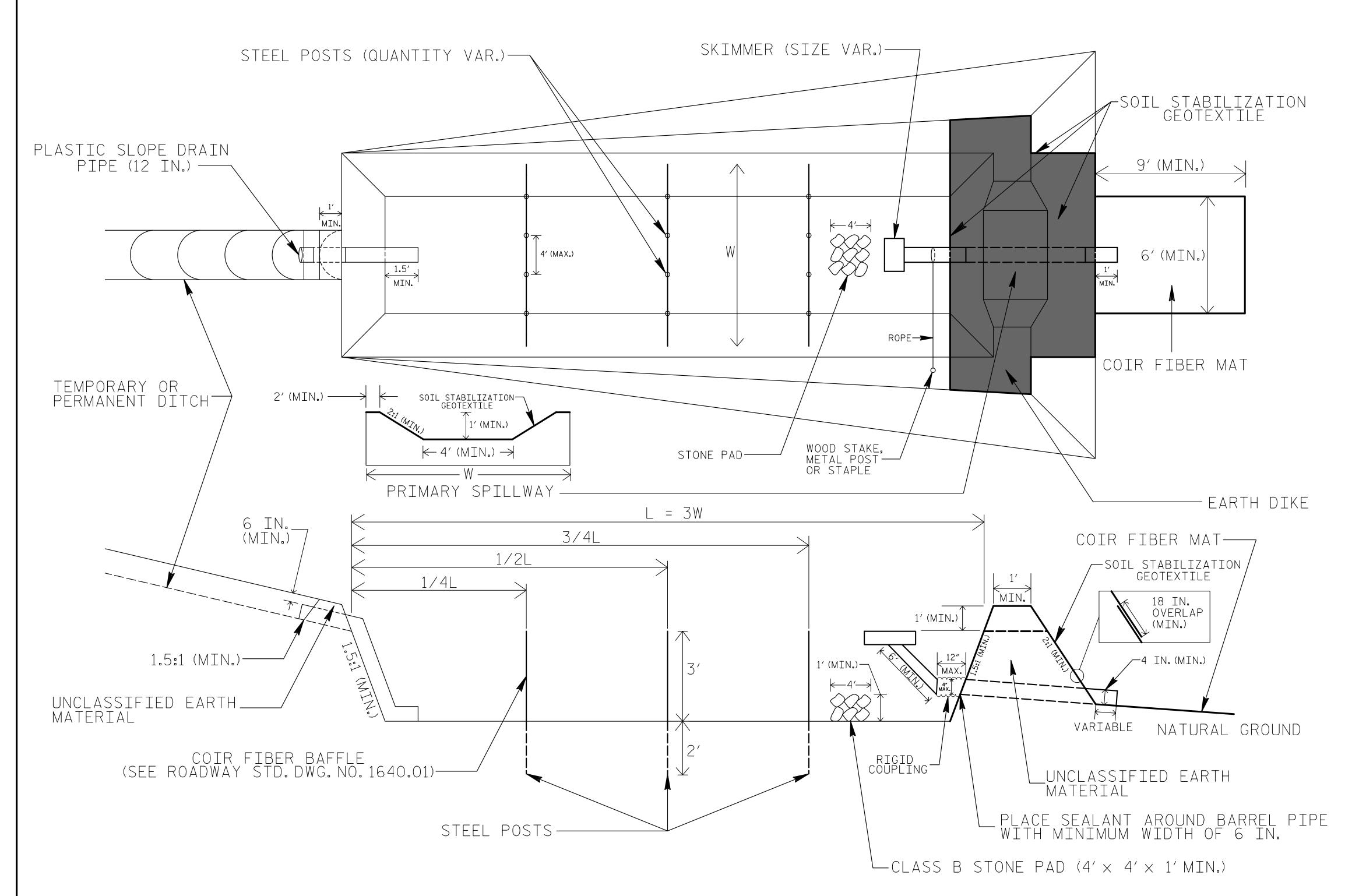
	ITR	HNTB NORTH CAROLINA, P.C. 343 E. Six Forks Road, Suite 200
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		Raleigh, North Carolina 27609 NC License No: C-1554
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PROJECT REFERENCE NO. SHEET NO. U-2524D EC-2D R/W SHEET NO.

ROADWAY DESIGN ENGINEER HYDRAULICS ENGINEER

SKIMMER BASIN WITH BAFFLES DETAIL



2" x 2" (nominal) WOODEN' STAKE 1-2 12-24" #10 STEEL REINFORCEMENT BAR **▶**DIAMETER BEND 24" 1" (nominal) STAPLE

COIR FIBER MAT ANCHOR OPTIONS

NOT TO SCALE

NOTES

- 1. SEED AND PLACE MATTING FOR EROSION CONTROL ON INTERIOR AND EXTERIOR SIDESLOPES.
- 2. LIMIT EARTH DIKE HEIGHT TO 5 FT.

- 3. FOR BASIN DEPTH OF 3 FT., THE MINIMUM BASIN WIDTH SHALL BE 9 FT.
 4. DETERMINE PRIMARY SPILLWAY WEIR LENGTH (FT.) USING Q/O.8, WHERE Q IS FLOW RATE (CFS) INTO BASIN.
 5. PLASTIC SLOPE DRAIN PIPE AT INLET OF BASIN MAY BE REPLACED BY FILTRATION GEOTEXTILE OR TARP AS DIRECTED.
- 6. SOIL STABILIZATION GEOTEXTILE FOR PRIMARY SPILLWAY SHALL BE ONE CONTINUOUS PIECE OF MATERIAL OR OVERLAPPED 18 IN. (MIN.).