

* IF THE TEMPORARY SEDIMENT BASIN WILL BE CONVERTED TO A PERMANENT STORMWATER BASIN OF GREATER DEPTH, THE BAFFLE HEIGHT SHOULD BE BASED ON THE POOL DEPTH DURING USE AS A TEMPORARY SEDIMENT BASIN.

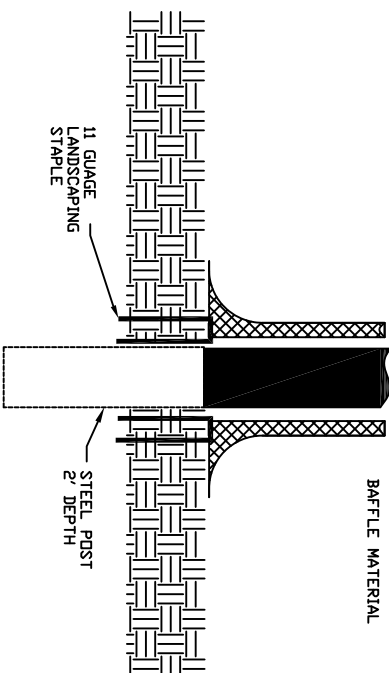
NOTE:
INSTALL THREE (3) COIR FIBER BAFFLES IN BASINS AT DRAINAGE OUTLETS WITH A SPACING OF 1/4 THE BASIN LENGTH. TWO (2) COIR FIBER BAFFLES CAN BE INSTALLED IN THE BASINS LESS THAN 20 FT IN LENGTH WITH A SPACING OF 1/3 THE BASIN LENGTH.

NOTES:

1. STEEL POSTS SHOULD BE DRIVEN TO A DEPTH OF 24" WITH MAXIMUM SPACING OF 4 FT APART.
2. WOOD POSTS ARE NOT ACCEPTABLE
3. USE STAPLES 1' APART TO ATTACH FABRIC TO "HOG WIRE" VERTICALLY AND HORIZONTALLY
4. CONSTRUCT BAFFLES UP THE SIDES OF THE TRAP OR BASIN BANKS SO WATER DOES NOT FLOW AROUND THE STRUCTURES.
5. BAFFLES SHOULD BE MADE OF PERDUS MATERIAL, JUTE OR COIR. SEDIMENT FENCING USED AS BAFFLES IS NOT ALLOWED.
6. 3 BAFFLES FOR LARGE TRAPS/BASINS. IF <20 FT IN LENGTH, 2 BAFFLES.
7. REFER TO NC DENR PLANNING AND DESIGN MANUAL SECTION 6.65 FOR ADDITIONAL SPECIFICATIONS AND BAFFLE INSTALLATION.

MAINTENANCE:

INSPECT BAFFLES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
BE SURE TO MAINTAIN ACCESS TO THE BAFFLES. SHOULD THE FABRIC OF A BAFFLE COLLAPSE, TEAR, DECOMPOSE, OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.
REMOVE SEDIMENT DEPOSITS WHEN IT REACHES HALF FULL TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE BAFFLES.
TAKE CARE TO AVOID DAMAGING THE BAFFLES DURING CLEANOUT. SEDIMENT DEPTHS SHOULD NEVER EXCEED HALF THE DESIGNED STORAGE DEPTH.
AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED, REMOVE ALL BAFFLE MATERIALS AND UNSTABLE SEDIMENT DEPOSITS, BRING THE AREA TO GRADE, AND STABILIZE IT.



REFERENCE: NC DENR PLANNING AND DESIGN MANUAL, MAY 2013 ②

REVISIONS		CITY OF MONROE		FILE: I:/Maps-Details/Detail Manual/Details	
NO.	DATE	DESCRIPTION	UNION COUNTY	DRAWN BY: DKO	DATE: 04-20-04
1	05/08	UPDATE PER NC DENR	NORTH CAROLINA	CHECKED BY: INL	SCALE: N.T.S.
2	01/15	UPDATE PER NC DENR		DETAIL 03.13.02	



BAFFLE INSTALLATION

ENGINEERING DEPARTMENT
PREPARED BY: