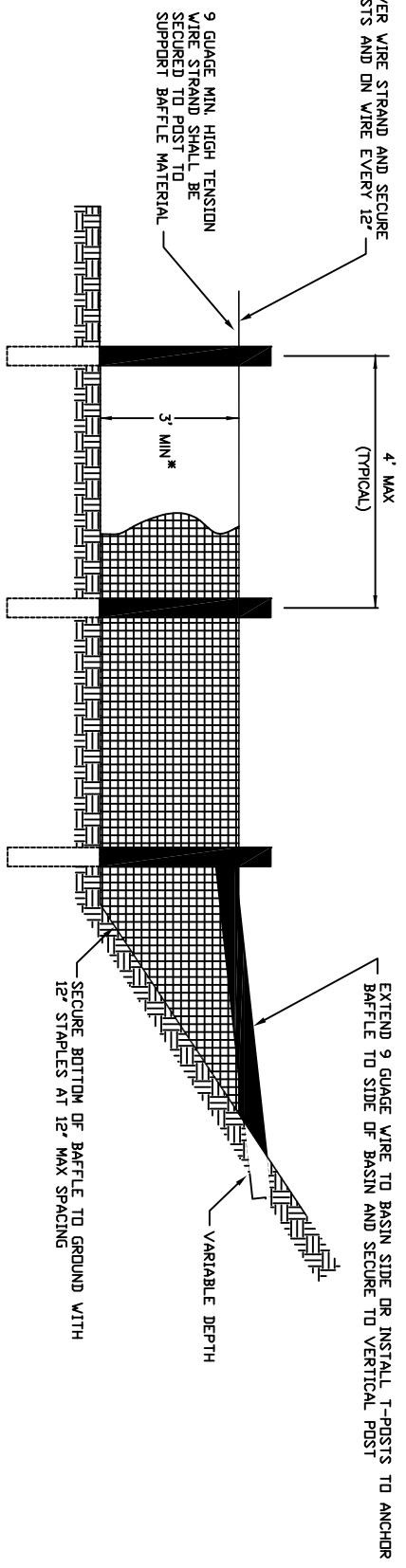
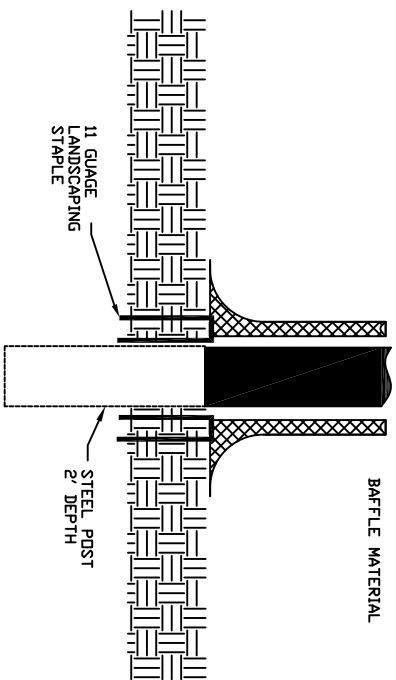


DRAPE BAFFLE MATERIAL OVER WIRE STRAND AND SECURE WITH PLASTIC TIES AT POSTS AND ON WIRE EVERY 12"



* 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 POROUS 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 NCDENR PLANNING AND DESIGN MANUAL SECTION 6.6.5 FOR ADDITIONAL SPECIFICATIONS AND BAFFLE INSTALLATION.

REFERENCE: NCDENR PLANNING AND DESIGN MANUAL, MAY 2013 ②

REVISIONS	
NO.	DATE
1	05/08
2	01/15

BAFFLE INSTALLATION

CITY OF MONROE
UNION COUNTY
NORTH CAROLINA

PREPARED BY:

ENGINEERING DEPARTMENT

FILE: 1/Maps-Details/Detail Manual/Details
DRAWN BY: DKO DATE: 04-20-04
CHECKED BY: JNL SCALE: N.T.S.

DETAIL 03.13.02

