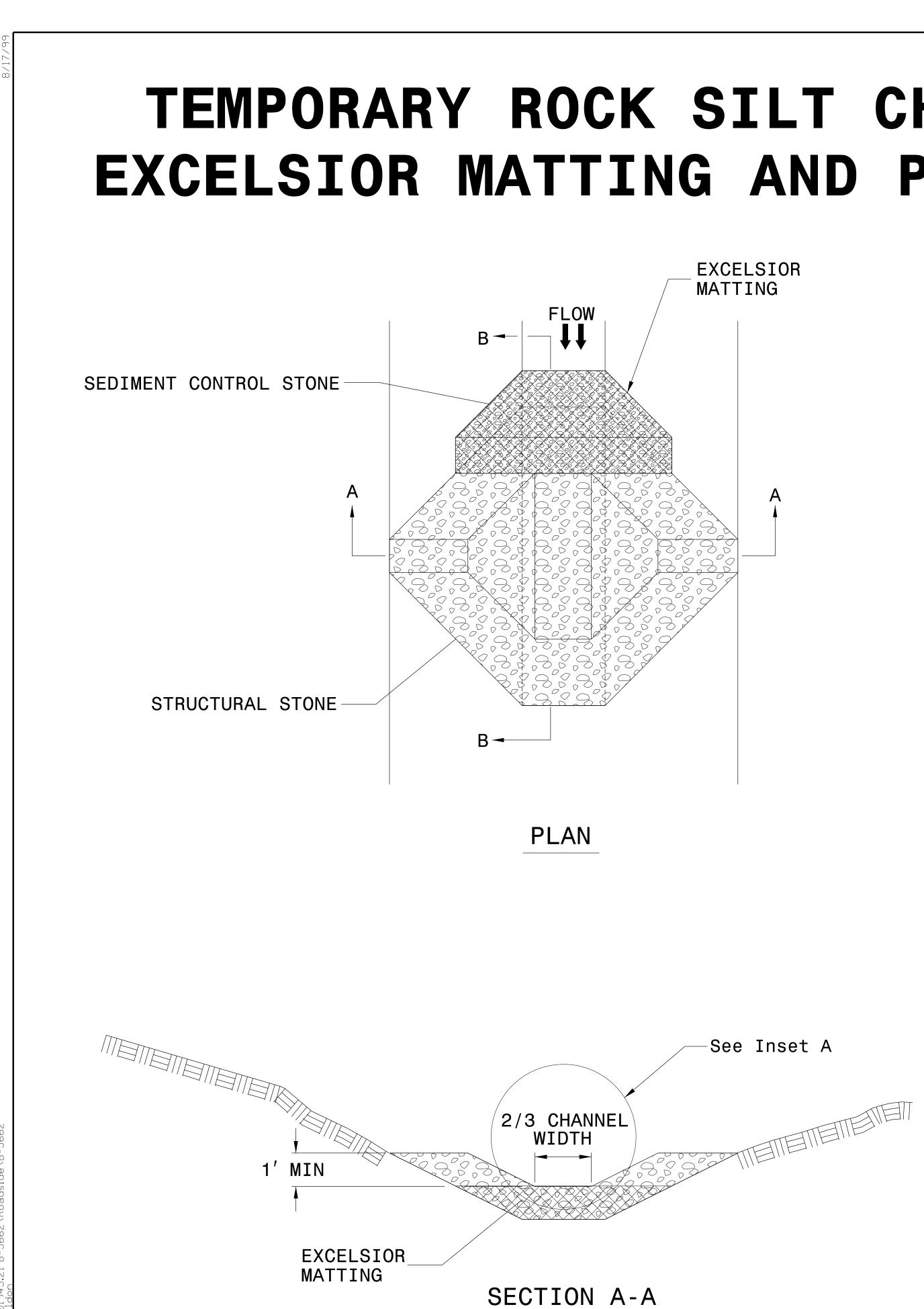


| STATE | STATI | PROJECT REFERENCE NO. | SHEET TOTAL NO. SHEETS |
|--|---|---|--|
| N.C | a | B-5662 | EC-1 |
| | | F. A. PROJ. NO. | DESCRIPTION |
| | | | P.E. ROW/UTIL |
| 45 | 917.3.1 | | CONSTR. |
| | | | |
| | | | |
| | | | |
| | | DIMENT CONT | |
| | | | <u>Symbol</u> TSD |
| | | | |
| | | | |
| 1622.01 Te | mporary Berms | and Slope Drains | |
| | | | |
| | | | XXXXX |
| M a | tting and Poly | acrylamide (PAM) | (XXX) |
| | | | |
| Wa | ttle//Coir Fil | oer Wattle | |
| | | | |
| | | | |
| | | | |
| 1630.04 Sti | lling Basin | Sediment Irap Iype-1 | |
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| | | | |
| 1632.03 | Туре С | | |
| Ski | mmer Basin | | D |
| Tie | red Skimmer: | Basin | |
| Inf | iltration Basir | | |
| | | THIS PROJECT | CONTAINS |
| | | EROSION CONT | |
| | | GRUBBING P | |
| | | CONSTRU | CTION. |
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| wings | | | |
| english standards | | oadway Standard Drawing | |
| english standards | on – Raleigh, N. | oadway Standard Drawing C., dated January 2018 ar erence hereby are conside | nd the latest |
| english standards nt of Transportati plicable to this p | on – Raleigh, N. roject and by ref | C., dated January 2018 are conside | nd the latest red a part of |
| english standards nt of Transportati plicable to this pr sion Control De ilt Fence | on – Raleigh, N. roject and by ref tail 16 16 | C., dated January 2018 and erence hereby are conside 32.01 Rock Inlet Sedimo 32.02 Rock Inlet Sedimo | nd the latest red a part of ent Trap Type A ent Trap Type B |
| english standards nt of Transportati plicable to this pr sion Control De | on – Raleigh, N. roject and by ref tail 16 16 nce 16 | C., dated January 2018 and erence hereby are conside 32.01 Rock Inlet Sedime | nd the latest red a part of ent Trap Type A ent Trap Type B ent Trap Type C Silt Check Type A |
| | 45 45 45 45 45 45 45 45 45 45 45 45 45 4 | STATE PROJ. NO. 45617.1.1 45617.2.1 45917.3.1 EROSION AND SE Std. [#] Description 1630.03 Temporary Silt D 1630.05 Temporary Divers 1605.01 Temporary Silt F 1606.01 Special Sediment (1622.01 Temporary Berms 1630.02 Silt Basin Type I 1633.01 Temporary Rock Temporary Rock Matting and Poly 1633.02 Temporary Rock 1634.02 Temporary Rock 1634.01 Temporary Rock 1634.02 Temporary Rock 1635.01 Rock Pipe Inlet 1635.01 Rock Pipe Inlet 1635.02 Rock Pipe Inlet 1630.04 Stilling Basin 1632.03 Type A 1632.03 Type C Skimmer Basin Tiered Skimmer | 45617.1.1 45617.2.1 45917.3.1 45917.3.1 45917.3.1 511 45917.3.1 522 5231 5232 5232 5232 5232 5232 5241 |

1634.02 Temporary Rock Sediment Dam Type B 1635.01 Rock Pipe Inlet Sediment Trap Type A 1635.02 Rock Pipe Inlet Sediment Trap Type B 1640.01 Coir Fiber Baffle 1645.01 Temporary Stream Crossing

1630.04 Stilling Basin 1630.05 Temporary Diversion 1630.06 Special Stilling Basin 1631.01 Matting Installation



TEMPORARY ROCK SILT CHECK TYPE 'A' WITH EXCELSIOR MATTING AND POLYACRYLAMIDE (PAM)

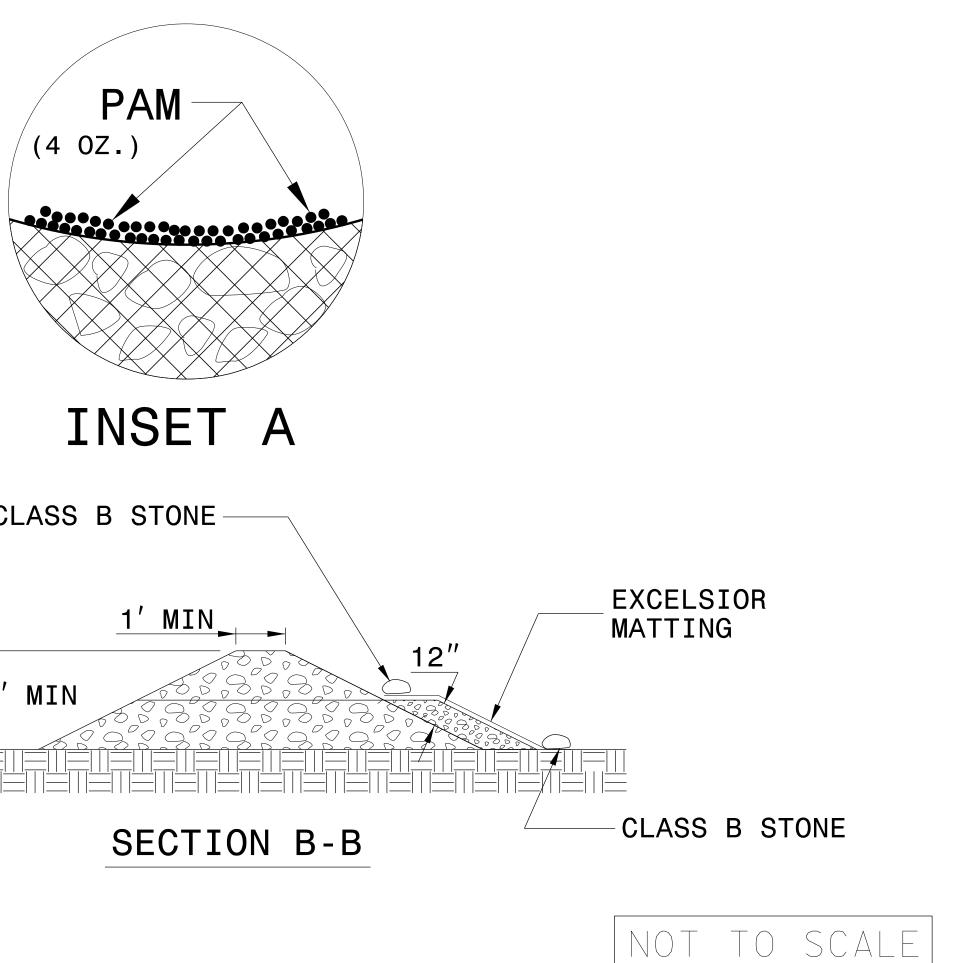
NOTES:

INSTALL TEMPORARY ROCK SILT CHECK TYPE A IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1633.01.

USE EXCELSIOR FOR MATTING MATERIAL AND ANCHOR MATTING SECTION AT TOP AND BOTTOM WITH CLASS B STONE.

PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH ROCK SILT CHECK.

INITIALLY APPLY 4 OUNCES OF POLYACRYLAMIDE (PAM) TO TOP OF MATTING SECTION AND AFTER EVERY RAINFALL EVENT THAT EQUALS OR EXCEEDS 0.50 INCHES.



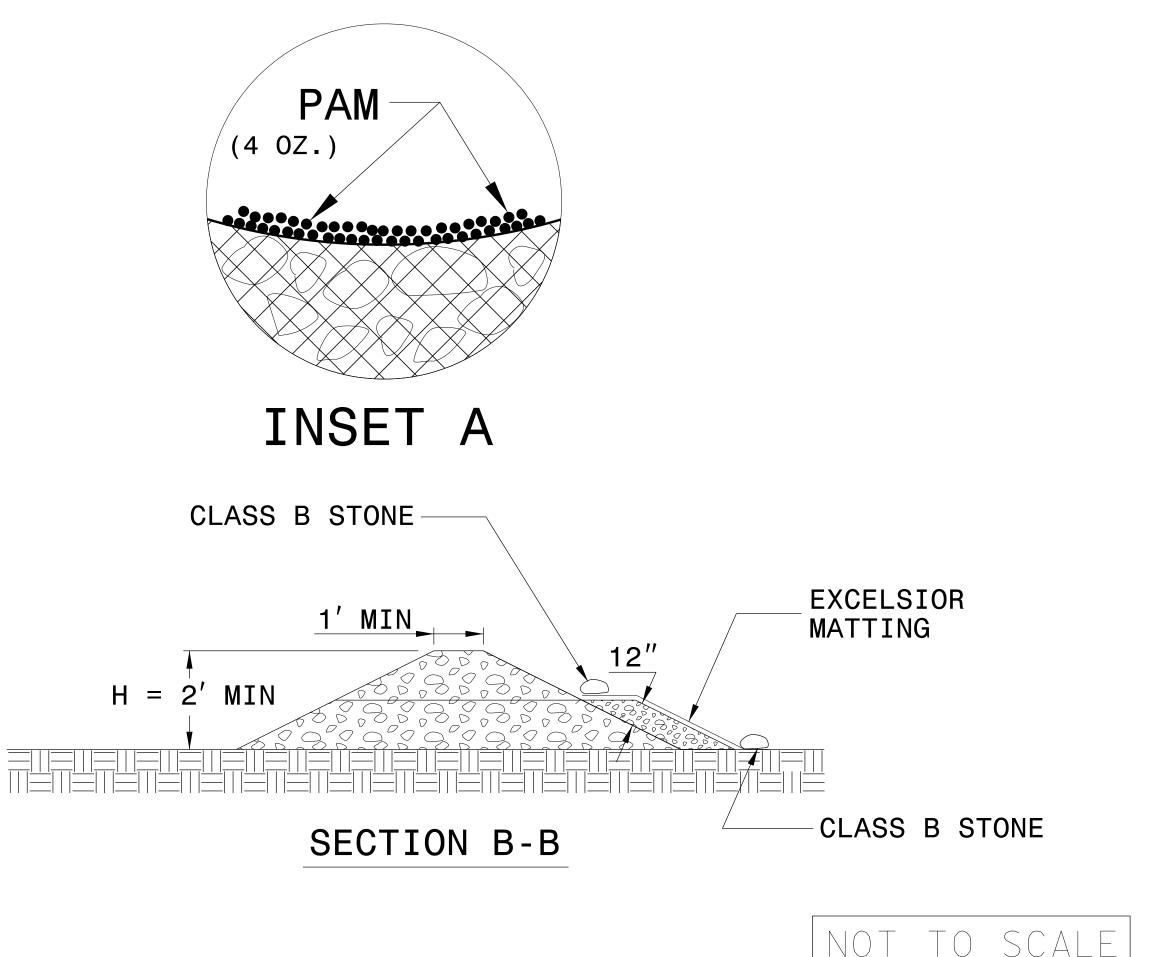
PROJECT REFERENCE NO.

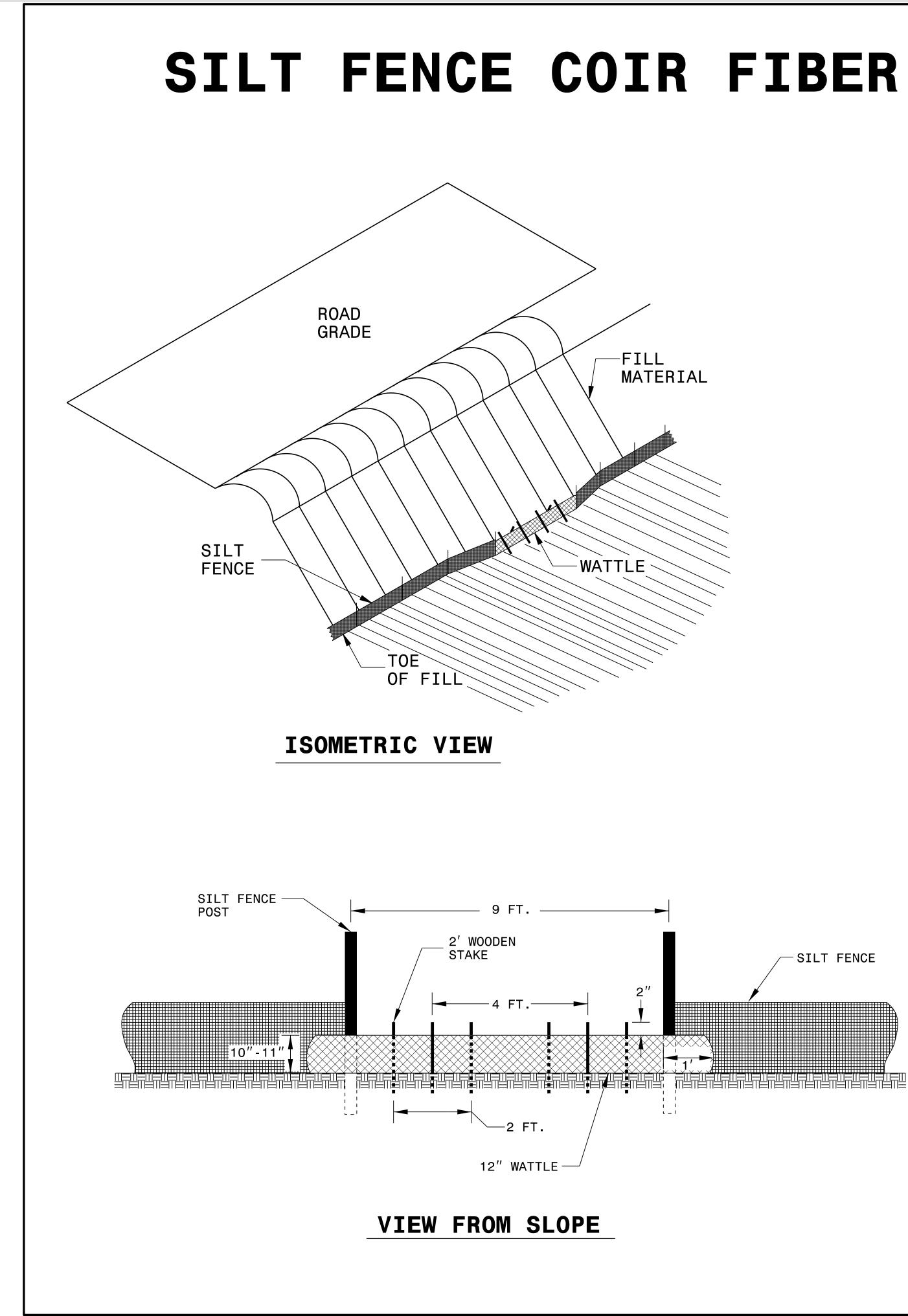
B - 5662

R/W SHEET NO.

SHEET NO.

EC-2





SILT FENCE COIR FIBER WATTLE BREAK DETAIL

NOTES:

LENGTH OF 10 FT.

EXCAVATE A 1 TO 2 INCH TRENCH FOR WATTLE TO BE PLACED.

DO NOT PLACE WATTLE ON TOE OF SLOPE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

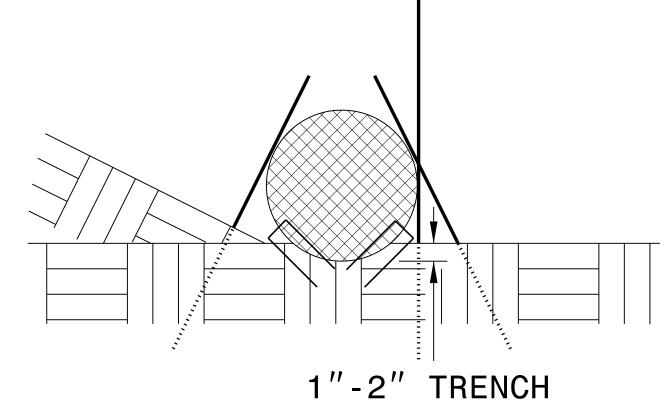
INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO GROUND.

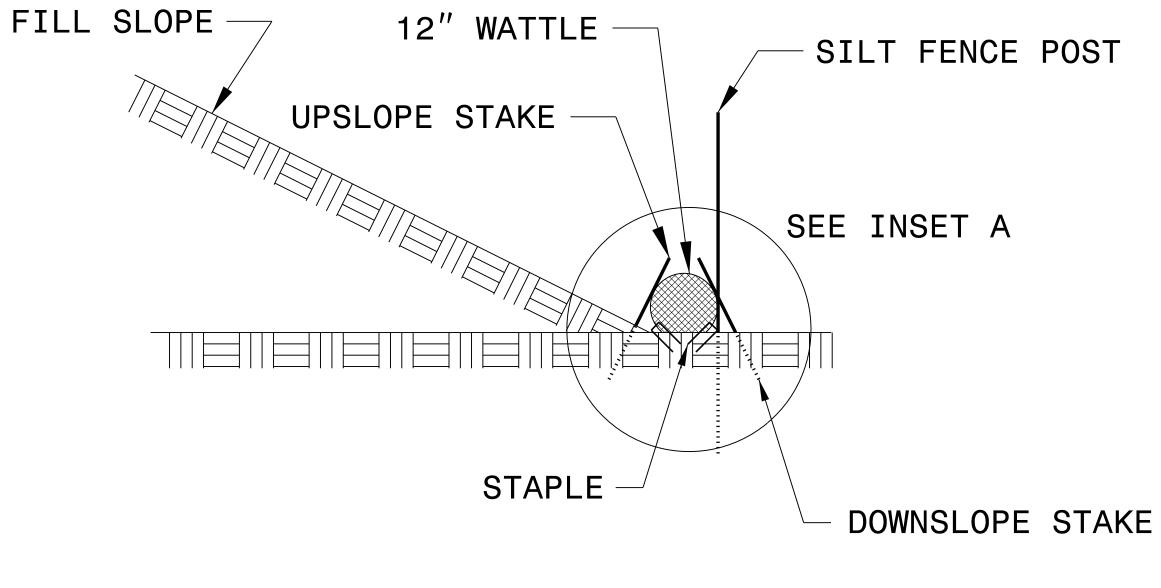
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

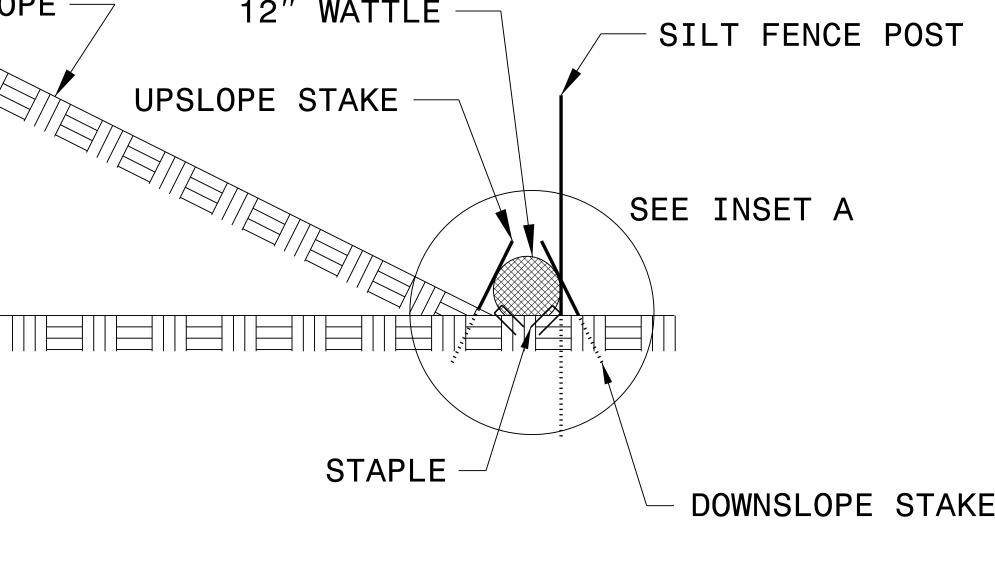
INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

WATTLE INSTALLATION CAN BE ON OUTSIDE OF THE SILT FENCE AS DIRECTED. INSTALL TEMPORARY SILT FENCE IN ACCORDANCE WITH SECTION 1605 OF THE STANDARD SPECIFICATIONS.

INSET A







| PROJECT REFERENCE NO. | SHEET NO. |
|-----------------------|-----------|
| B-5662 | EC-2A |
| R/W SHEET NO. | |

USE MINIMUM 12 IN. DIAMETER COIR FIBER (COCONUT FIBER) WATTLE AND

SIDE VIEW

SITE DESCRIPTION

PERIMETER DIKES, SWALES, DITCHES AND

HIGH QUALITY WATER (HQW) ZONES

SLOPES STEEPER THAN 3:1

SLOPES 3:1 OR FLATTER

ALL OTHER AREAS WITH SLOPES FLATTER

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

SOIL STABILIZATION TIMEFRAMES

| | STABILIZATION TIME | 7// |
|-------------|--------------------|-----------------------|
| SLOPES | 7 DAYS | NONE |
| | 7 DAYS | NONE |
| | 7 DAYS | IF SLOPES Not stee |
| | 14 DAYS | 7 DAYS F Length. |
| ER THAN 4:1 | 14 DAYS | NONE, EXC |
| | | |

| PROJECT REFERENCE NO. | SHEET NO. |
|-----------------------|-----------|
| B-5662 | EC-3 |
| R/W SHEET NO. | |

IMEFRAME EXCEPTIONS

ES ARE IO'OR LESS IN LENGTH AND ARE EEPER THAN 2:1,14 DAYS ARE ALLOWED. FOR SLOPES GREATER THAN 50' IN

(CEPT FOR PERIMETERS AND HQW ZONES.

