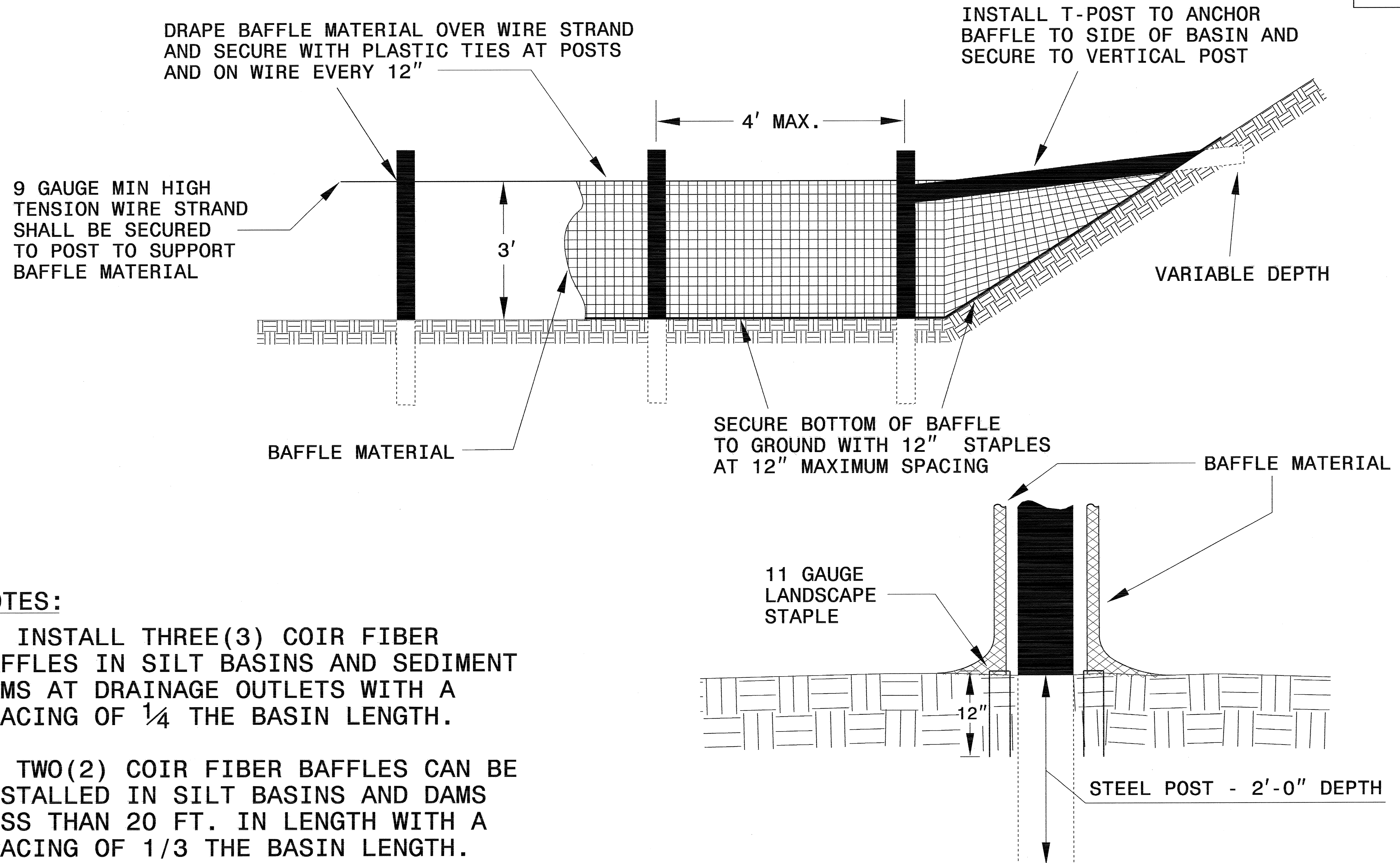


PROJECT REFERENCE NO. B-4600	SHEET NO. EC-2
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

COIR FIBER BAFFLE DETAIL



NOTES:

1. INSTALL THREE(3) COIR FIBER BAFFLES IN SILT BASINS AND SEDIMENT DAMS AT DRAINAGE OUTLETS WITH A SPACING OF $\frac{1}{4}$ THE BASIN LENGTH.

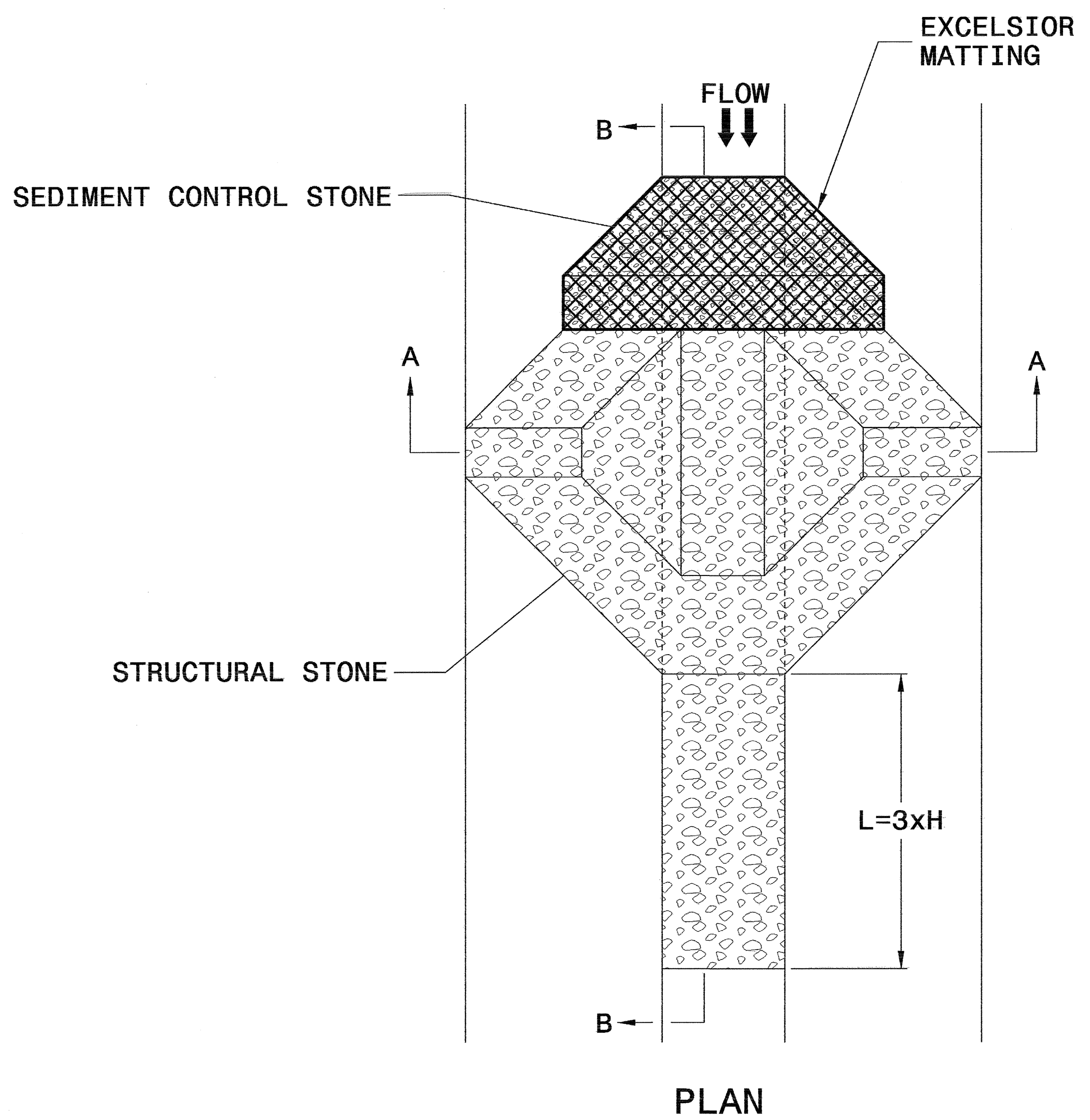
2. TWO(2) COIR FIBER BAFFLES CAN BE INSTALLED IN SILT BASINS AND DAMS LESS THAN 20 FT. IN LENGTH WITH A SPACING OF $\frac{1}{3}$ THE BASIN LENGTH.

3. TOP HEIGHT OF COIR FIBER BAFFLES SHALL NOT BE BELOW BASE OF EMERGENCY SPILLWAY ELEVATION.

BAFFLE MATERIAL SHALL BE SECURED TO THE BOTTOM AND SIDES OF BASIN USING 12" LANDSCAPE STAPLES

PROJECT REFERENCE NO. B-4600	SHEET NO. EC-2A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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

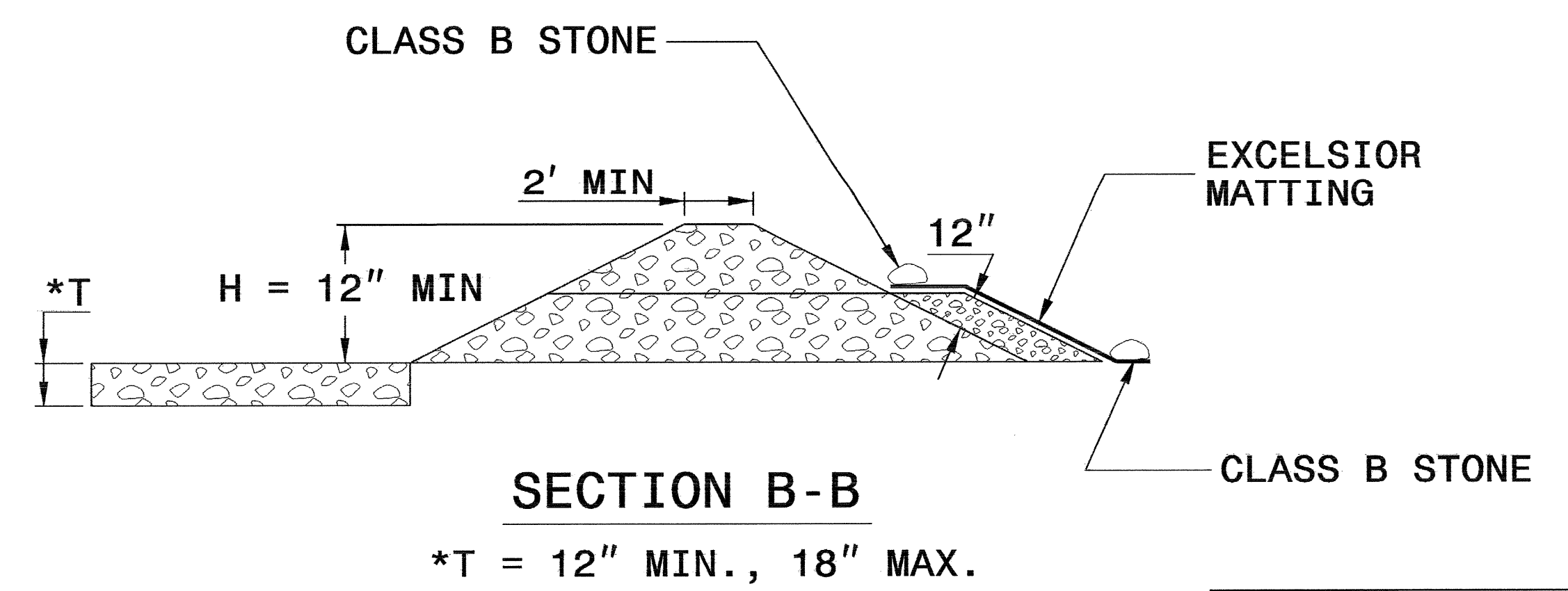
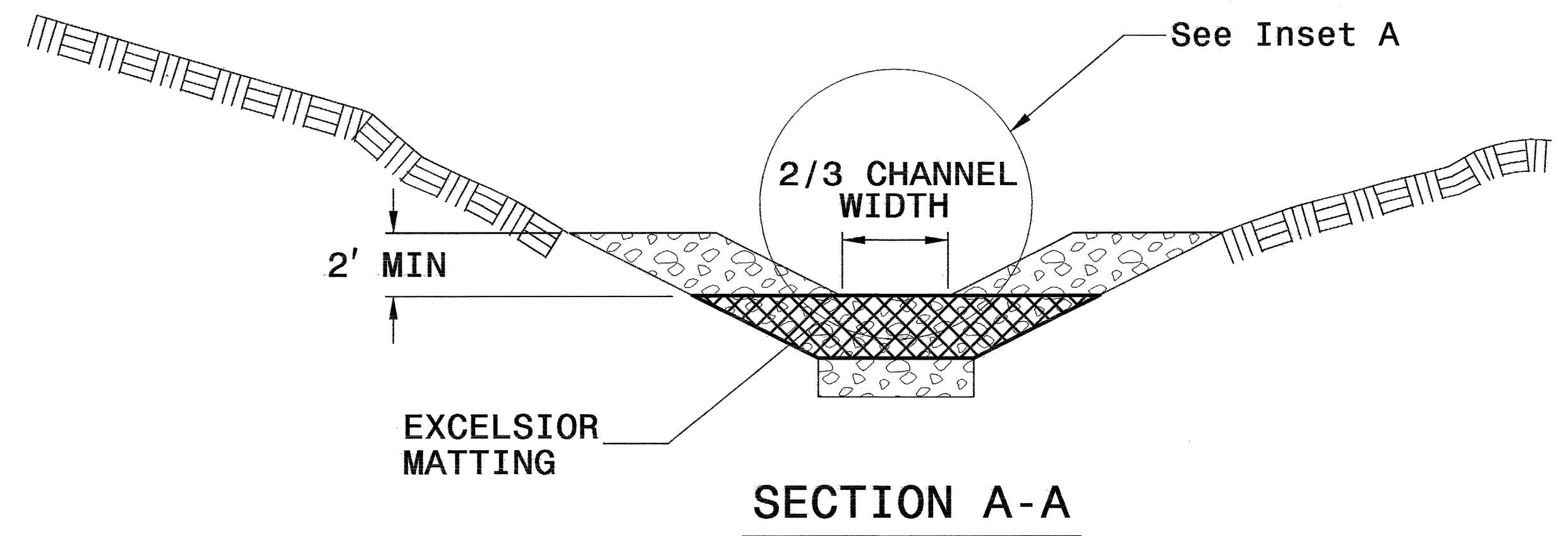
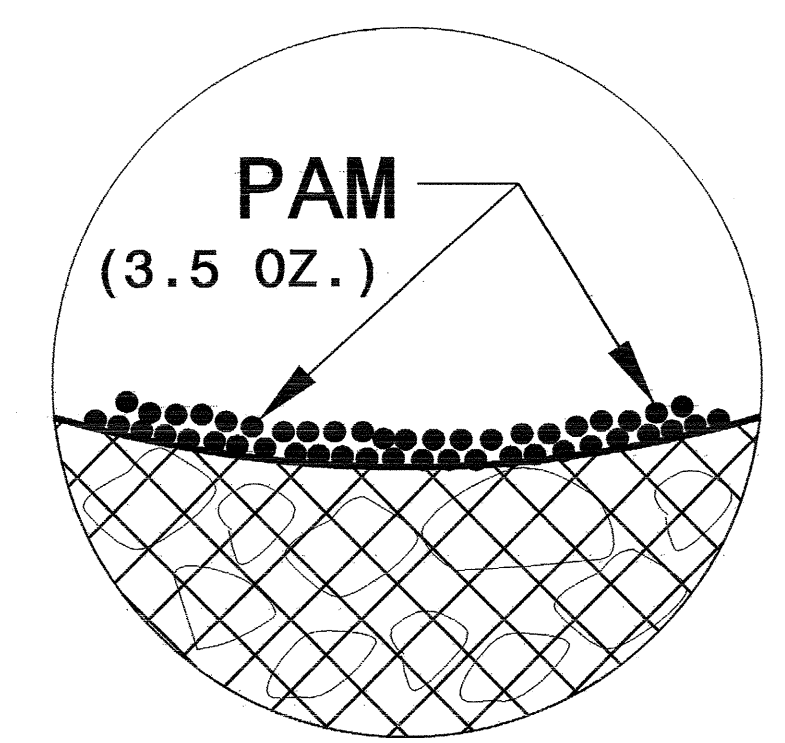


NOTES

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.

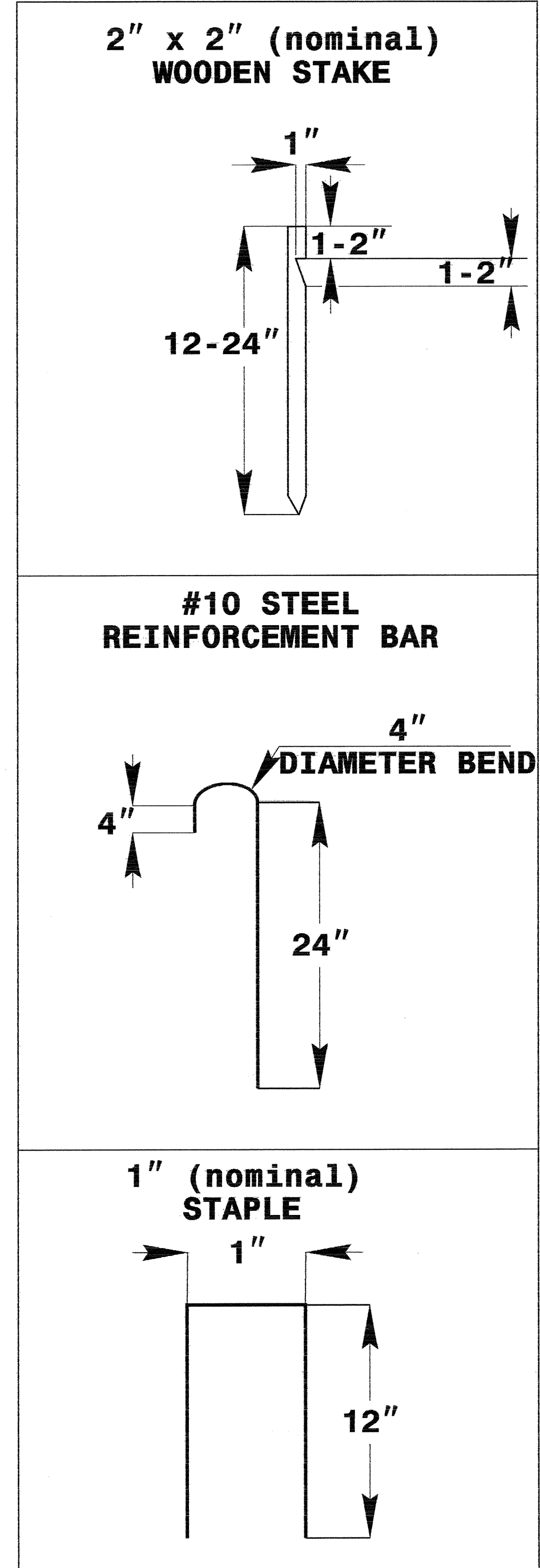
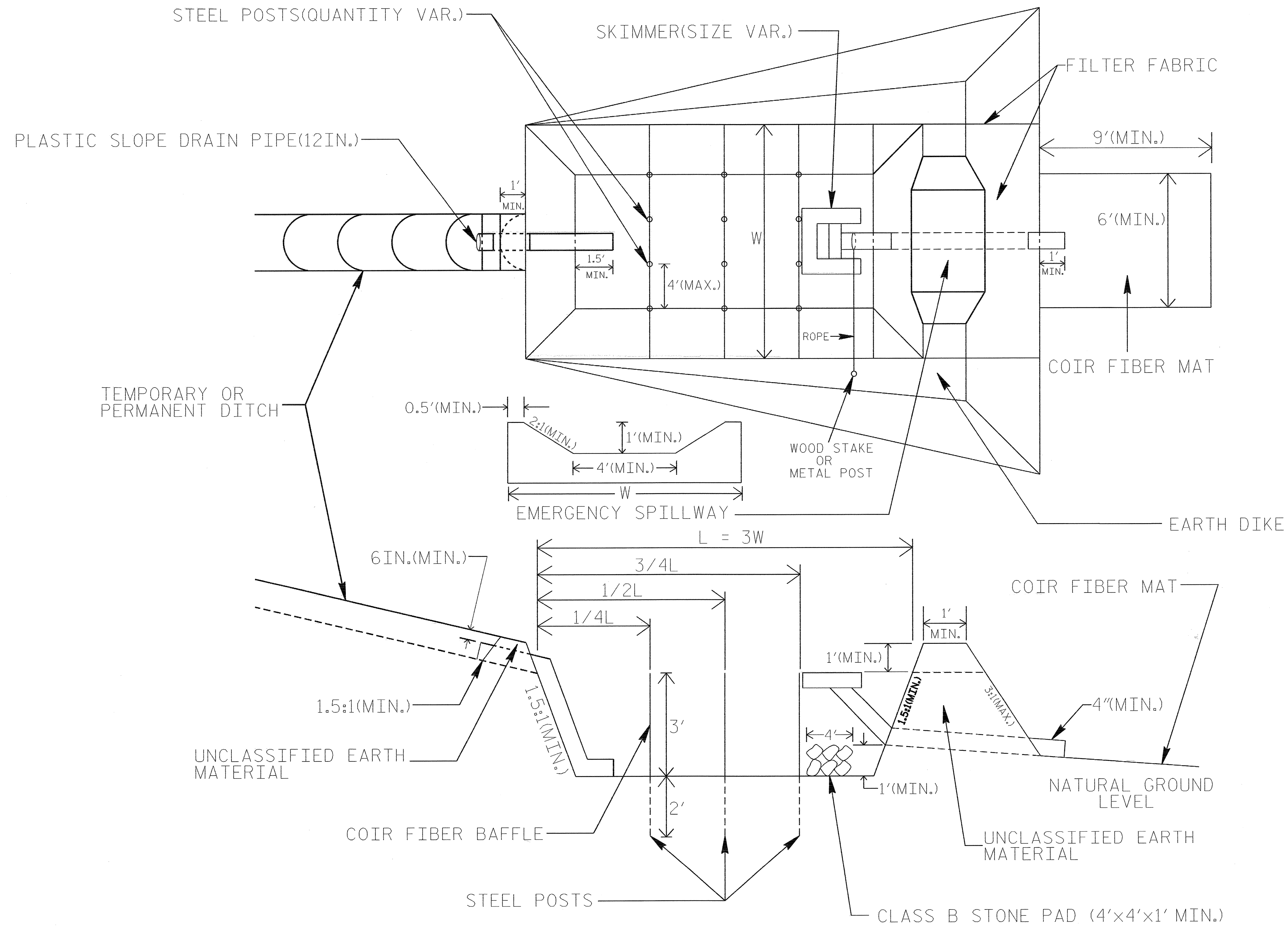
INITIALLY APPLY 3.5 OUNCES OF POLYACRYLAMIDE (PAM) TO TOP OF MATTING SECTION AND AFTER EVERY RAINFALL EVENT THAT EQUALS OR EXCEEDS 0.50 INCHES.



NOT TO SCALE

SKIMMER BASIN WITH BAFFLES DETAIL

PROJECT REFERENCE NO. B-4600	SHEET NO. EC-2B
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



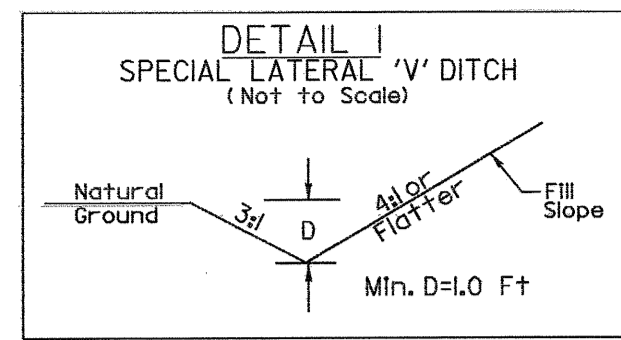
COIR FIBER MAT ANCHOR OPTIONS

NOTES

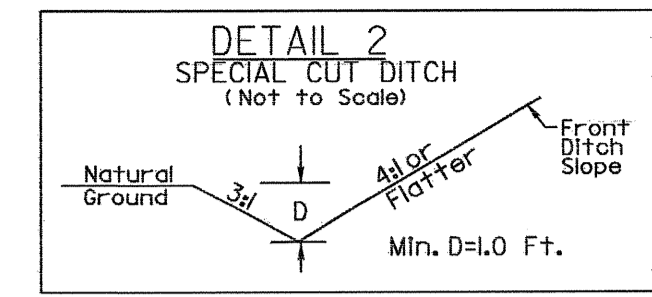
1. SEED AND PLACE MATTING FOR EROSION CONTROL ON INTERIOR SIDESLOPES.
2. LIMIT EARTH DIKE HEIGHT TO 5 FT.
3. THE MINIMUM BASIN WIDTH SHALL BE 9 FT.
4. DETERMINE EMERGENCY SPILLWAY LENGTH (FT.) USING $Q/0.8$, WHERE Q IS FLOW RATE (CFS) INTO BASIN.

NOT TO SCALE

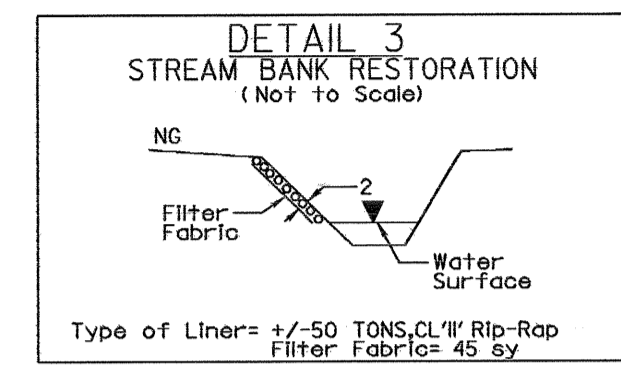
PROJECT REFERENCE NO. B-4600	SHEET NO. EC-4/CONST.5
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



FROM STA. 11+90 TO STA. 14+35 -L- LT
FROM STA. 15+56 TO STA. 16+00 -L- RT

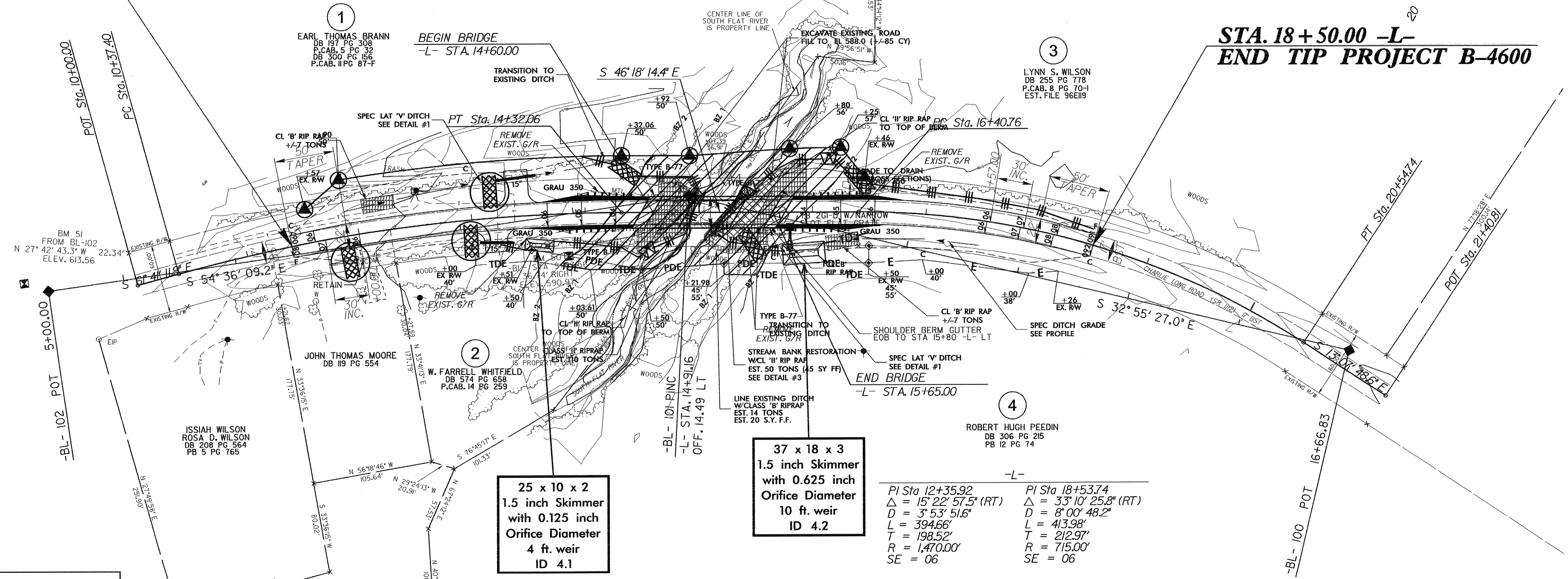


FROM STA. 16+00 TO STA. 17+50 -L- RT



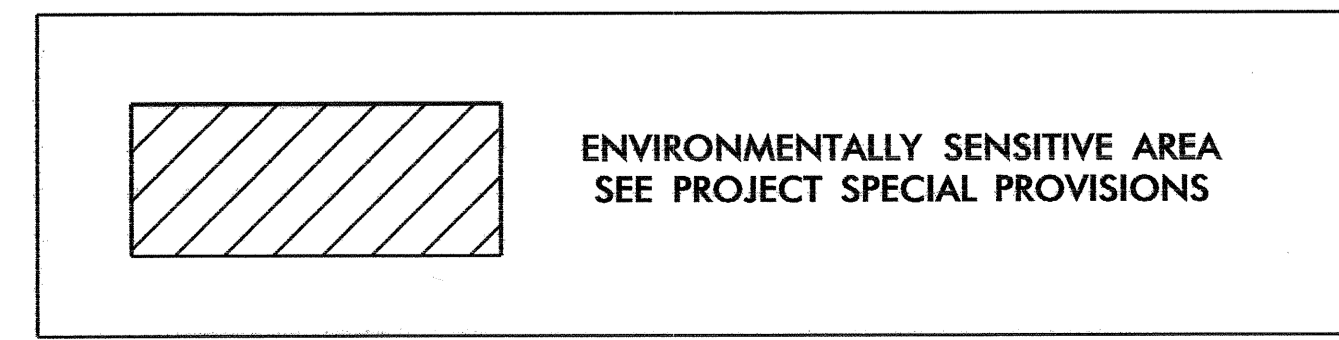
**STA. 11+40.00 -L-
BEGIN TIP PROJECT B-4600**

**STA. 18+50.00 -L-
END TIP PROJECT B-4600**



CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 4

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.



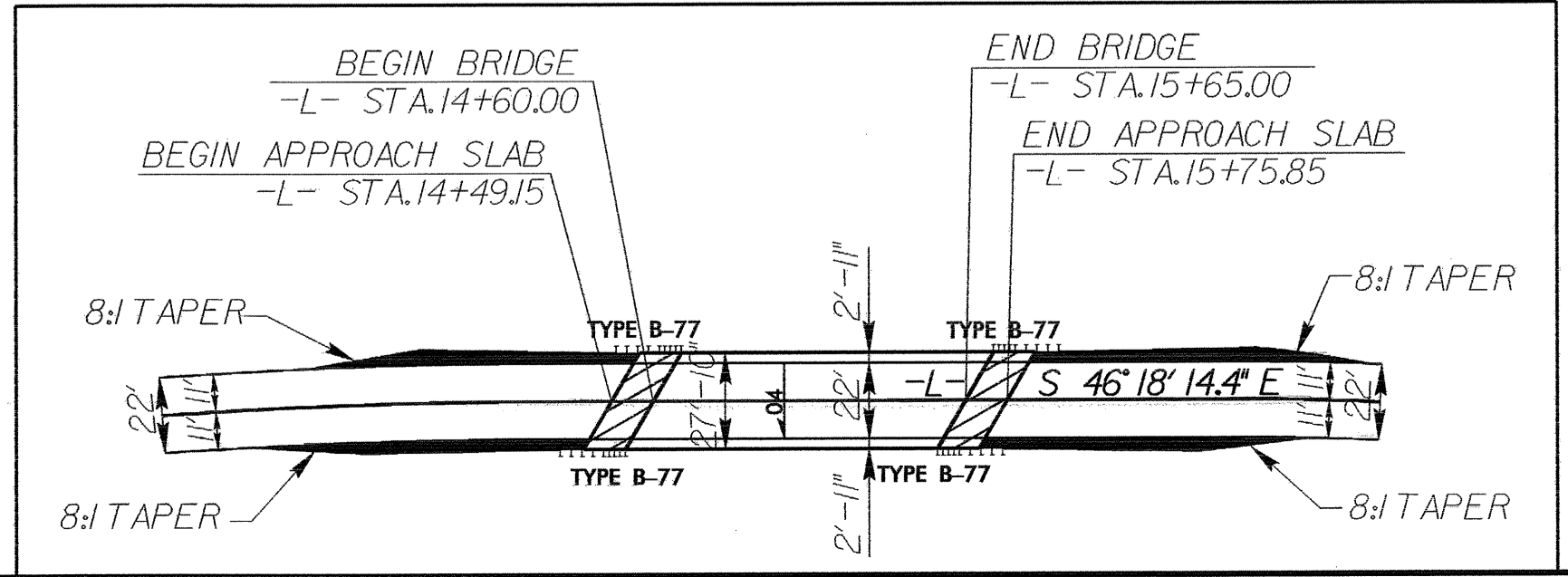
25 x 10 x 2
1.5 inch Skimmer
with 0.125 inch
Orifice Diameter
4 ft. weir
ID 4.1

37 x 18 x 3
1.5 inch Skimmer
with 0.625 inch
Orifice Diameter
10 ft. weir
ID 4.2

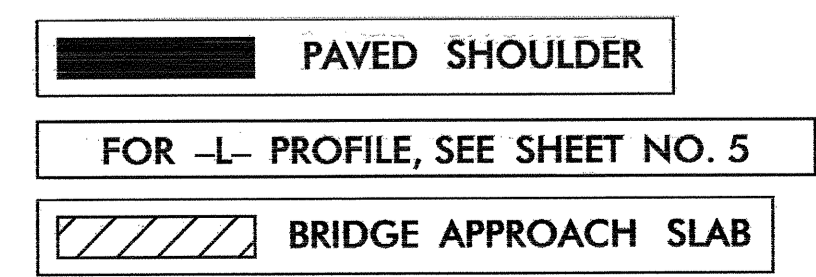
PI Sta 12+35.92
 $\Delta = 15' 22' 57.5''$ (RT)
D = 3' 53' 51.6"
L = 394.66'
T = 198.52'
R = 1,470.00'
SE = 06

PI Sta 18+53.74
 $\Delta = 33' 10' 25.8''$ (RT)
D = 8' 00' 48.2"
L = 413.98'
T = 212.97'
R = 715.00'
SE = 06

RELATIONSHIP OF PROP. BRIDGE TO PAVEMENT



NOTE:
UTILIZE SPECIAL STILLING BASIN AND/OR SKIMMER
BASIN AS STILLING BASIN WHERE APPLICABLE.

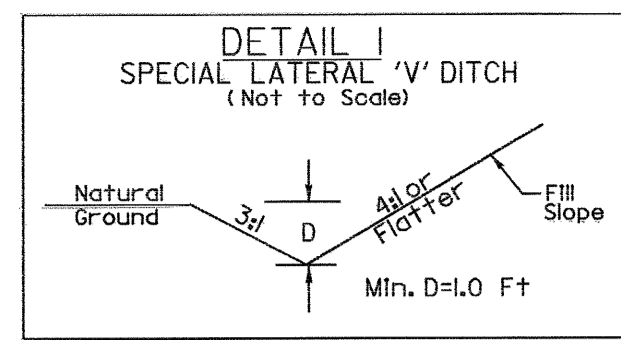


REVISIONS
 R/W REV. 07/16/09 (BMJ) 1. RECONNECTING DRIVEWAYS AND ADDING DRIVEWAY PIPES FOR PARCELS 1 AND 2.
 2. UPDATING PROPERTY OWNER NAME, PLAT AND DEED BOOK INFORMATION FOR PARCELS 1 THRU 3.
 3. ADDING PDE -L- STA. 14+92.50 LT. TO STA. 15+80.56 LT. AND -L- STA. 14+50.50 RT. TO STA. 15+21.98, 45' RT. FOR PARCELS 1 THRU 4.
 R/W REV. 09/10/09 (BMJ) 1. CHANGING PDE TO R/W -L- STA. 14+92.50 LT. TO -L- STA. 16+46. EX. R/W LT. FOR PARCELS 1 AND 3.

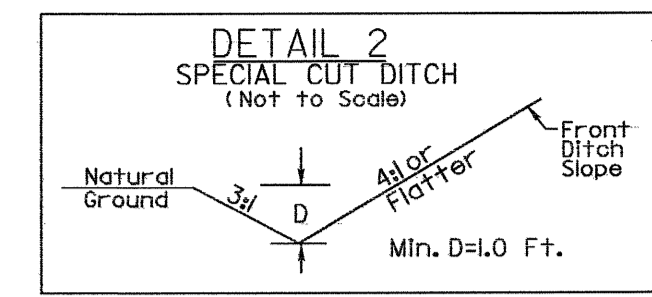
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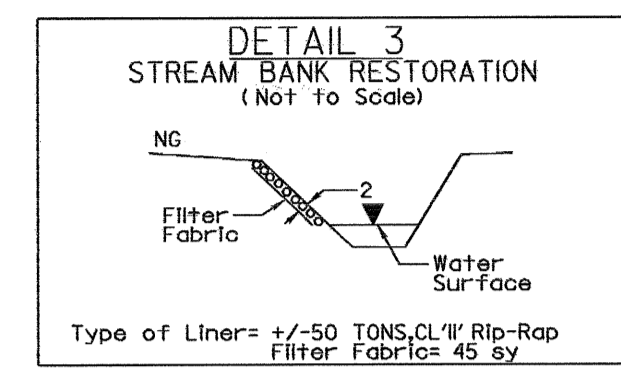
PROJECT REFERENCE NO. B-4600	SHEET NO. EC-5/CONST.5
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



FROM STA. 11+90 TO STA. 14+35 -L- LT
FROM STA. 15+56 TO STA. 16+00 -L- RT

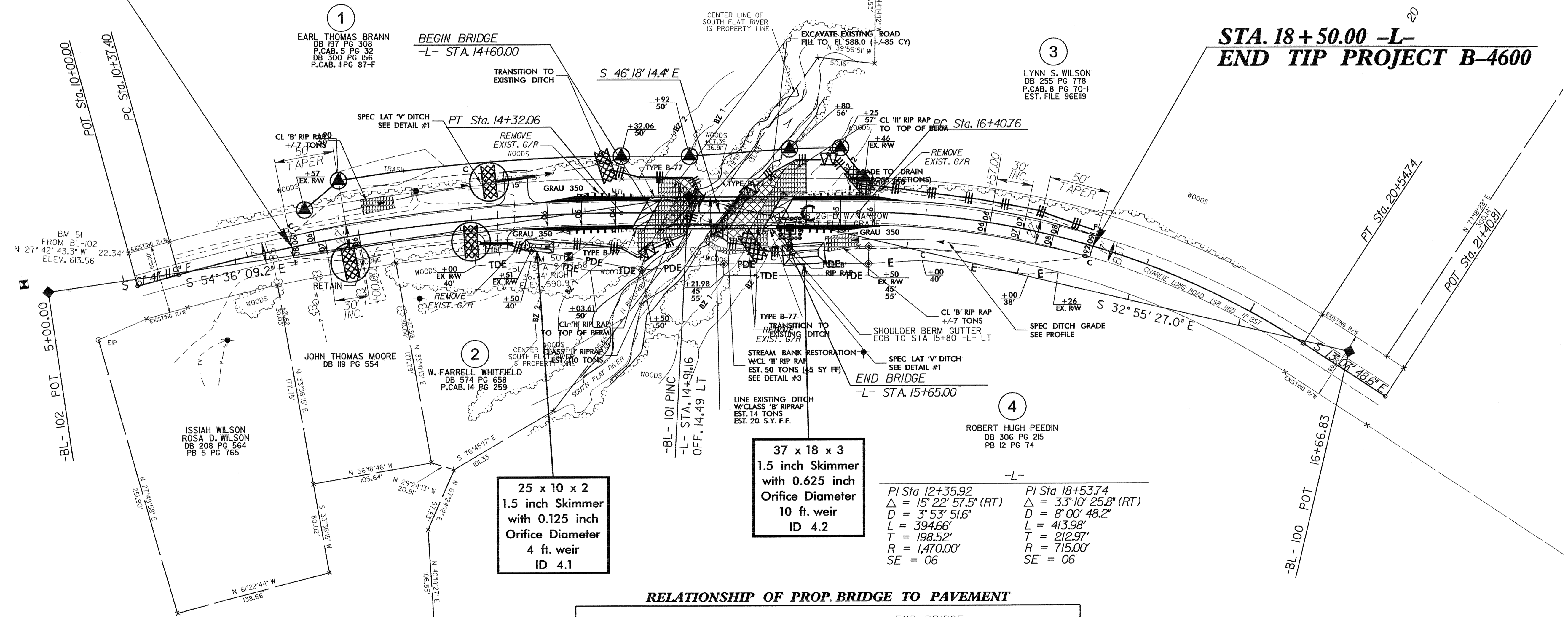


FROM STA. 16+00 TO STA. 17+50 -L- RT



**STA. 11+40.00 -L-
BEGIN TIP PROJECT B-4600**

**STA. 18+50.00 -L-
END TIP PROJECT B-4600**

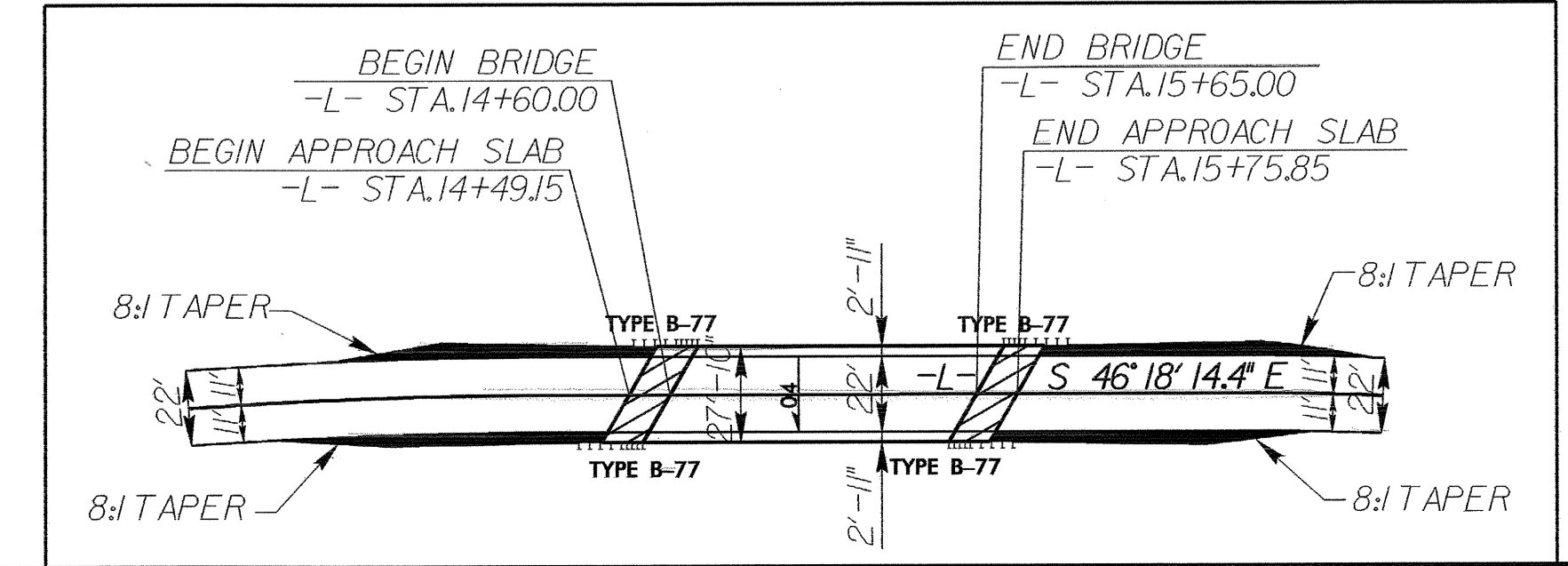


**25 x 10 x 2
1.5 inch Skimmer
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4 ft. weir
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with 0.625 inch
Orifice Diameter
10 ft. weir
ID 4.2**

-L-
PI Sta 12+35.92 PI Sta 18+53.74
 $\Delta = 15^{\circ} 22' 57.5''$ (RT) $\Delta = 33^{\circ} 10' 25.8''$ (RT)
 $D = 3^{\circ} 53' 51.6''$ $D = 8^{\circ} 00' 48.2''$
 $L = 394.66'$ $L = 413.98'$
 $T = 198.52'$ $T = 212.97'$
 $R = 1,470.00'$ $R = 715.00'$
 $SE = 06$ $SE = 06$

RELATIONSHIP OF PROP. BRIDGE TO PAVEMENT



NOTE:
UTILIZE SPECIAL STILLING BASIN AND/OR SKIMMER
BASIN AS STILLING BASIN WHERE APPLICABLE.

- PAVED SHOULDER
- FOR -L- PROFILE, SEE SHEET NO. 5
- BRIDGE APPROACH SLAB

REVISIONS
 R/W REV. 07/16/09 (EMU) 1. RECONNECTING DRIVEWAYS AND ADDING DRIVEWAY PIPES FOR PARCELS 1 AND 2.
 2. UPDATING PROPERTY OWNER NAME, PLAT AND DEED BOOK INFORMATION FOR PARCELS 1 THRU 3.
 3. ADDING PDE -L- STA. 14+92.50 LT. TO STA. 15+80.56 LT. AND -L- STA. 14+50.50 RT. TO STA. 15+21.98, 45 RT. FOR PARCELS 1 THRU 4.
 R/W REV. 09/10/09 (EMU) 1. CHANGING PDE TO R/W -L- STA. 14+92.50 LT. TO -L- STA. 16+46. EX. R/W LT. FOR PARCELS 1 AND 3.

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