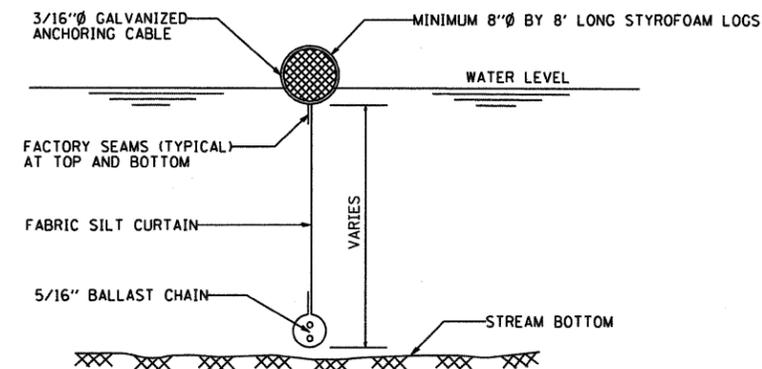


ELEVATION



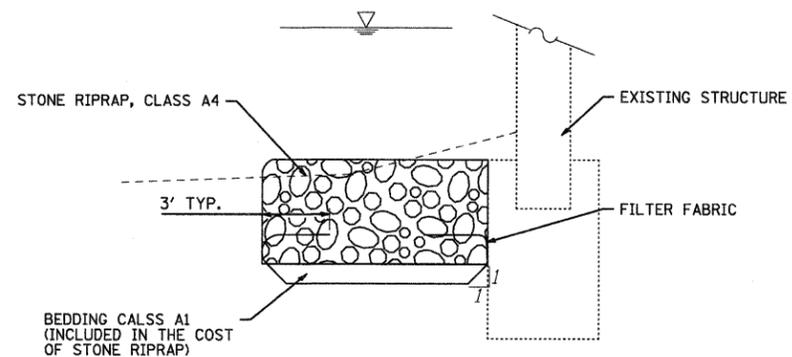
SECTION A-A

FLOTATION BOOM

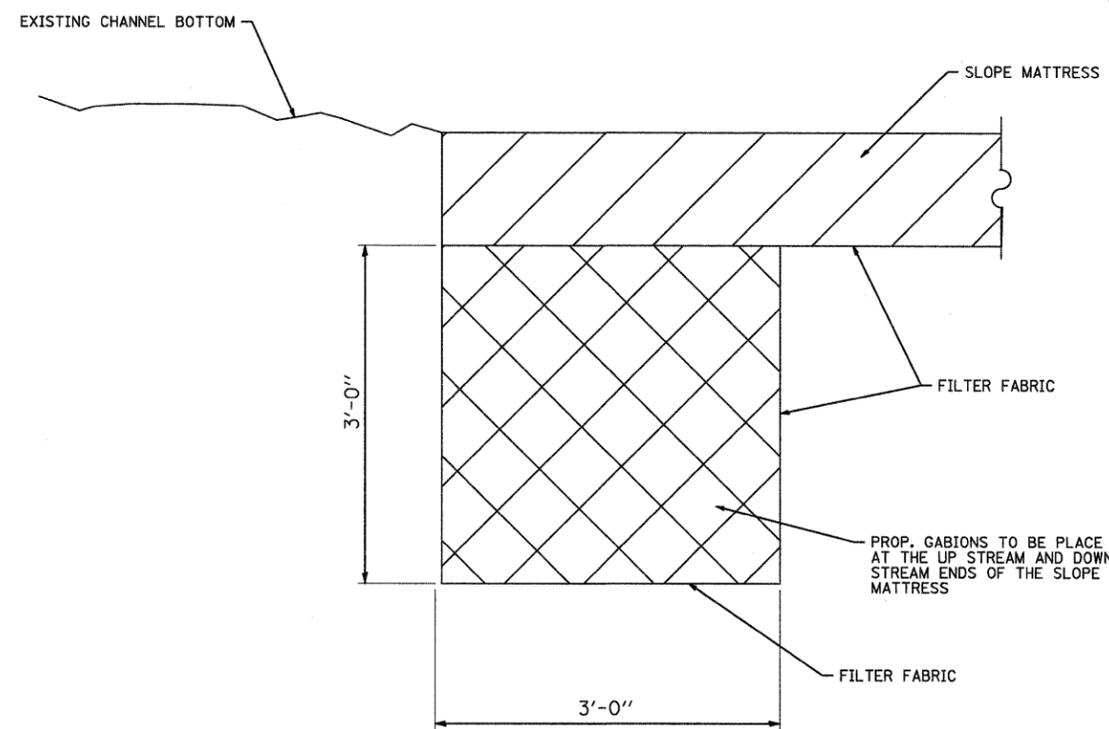
NOTES:

1. FLOTATION BOOM SHALL BE ANCHORED TO PREVENT DRIFT SHOREWARD OR DOWNSTREAM. ANCHORAGES SHALL BE INSTALLED ON BOTH SHORE AND STREAM SIDE.
2. SHORE ANCHORS SHALL CONSIST OF A POST WITH DEADMAN OR APPROVED EQUAL. STREAM ANCHORS SHALL BE SUFFICIENT SIZE TO STABILIZE THE BARRIER WITH NUMBER AND SPACING DEPENDENT ON WATERWAY VELOCITIES.
3. FABRIC SECTIONS SHALL BE CONNECTED END TO END WITH MINIMUM 5/8" DIAMETER POLYPROPYLENE ROPE
4. DESIGN OF BOOM AND ANCHORAGE SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. BOTTOM OF BOOM SHALL REACH BOTTOM OF WATERWAY USING ONE OR TWO VERTICAL SECTIONS AS REQUIRED.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED. CONTRACTOR SHALL REMOVE THE BOOM AT COMPLETION OF WORK IN A MANNER THAT WILL PREVENT SILTATION OF THE WATERWAY.

APPLICATION: FLOTATION BOOMS TO BE USED TO CONTROL EROSION, TURBIDITY AND DEBRIS WHEN WORKING IN WATERWAYS.



FILTER FABRIC/ RIPRAP DETAIL



MATTRESS ANCHORING DETAIL

COMPANY NAME: #/COMPANY/NAME/ HRGreen  
 PROJECT CONTACT: #/PROJECT/CONTACT/ HRGreen  
 CLIENT: #/CLIENT/ HRGreen  
 DATE PLOTTED: 7/21/2011 4:41:52 PM  
 FILE NAME: 06100196.03-det-05.dgn  
 PLOT DRIVER: pcfplot  
 STANDARD: TRANS.TBL



USER NAME = JGuerr1	DESIGNED -	REVISED -
PLOT SCALE = N/A	DRAWN -	REVISED -
PLOT DATE = 7/21/2011	CHECKED -	REVISED -
	DATE = 7/21/11	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DETAILS  
 SCOUR COUNTERMEASURES

SCALE: N/A SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2010-077-I	VAR.	21	21
CONTRACT NO.			60L65	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				