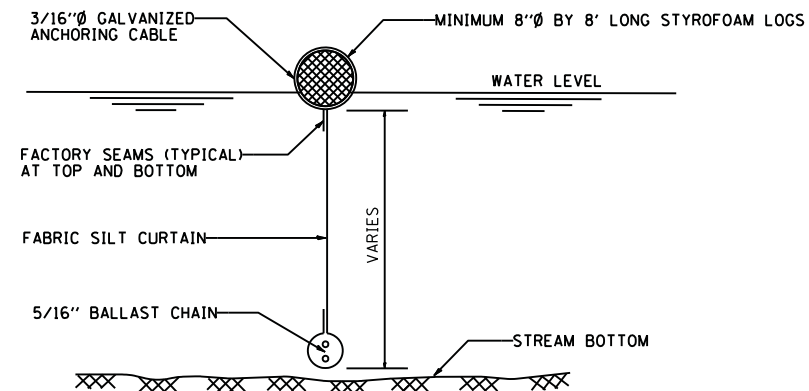


ELEVATION



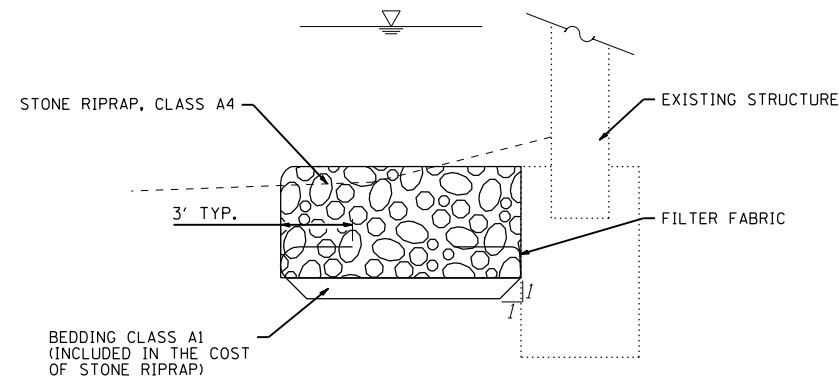
SECTION A-A

FLOTATION BOOM

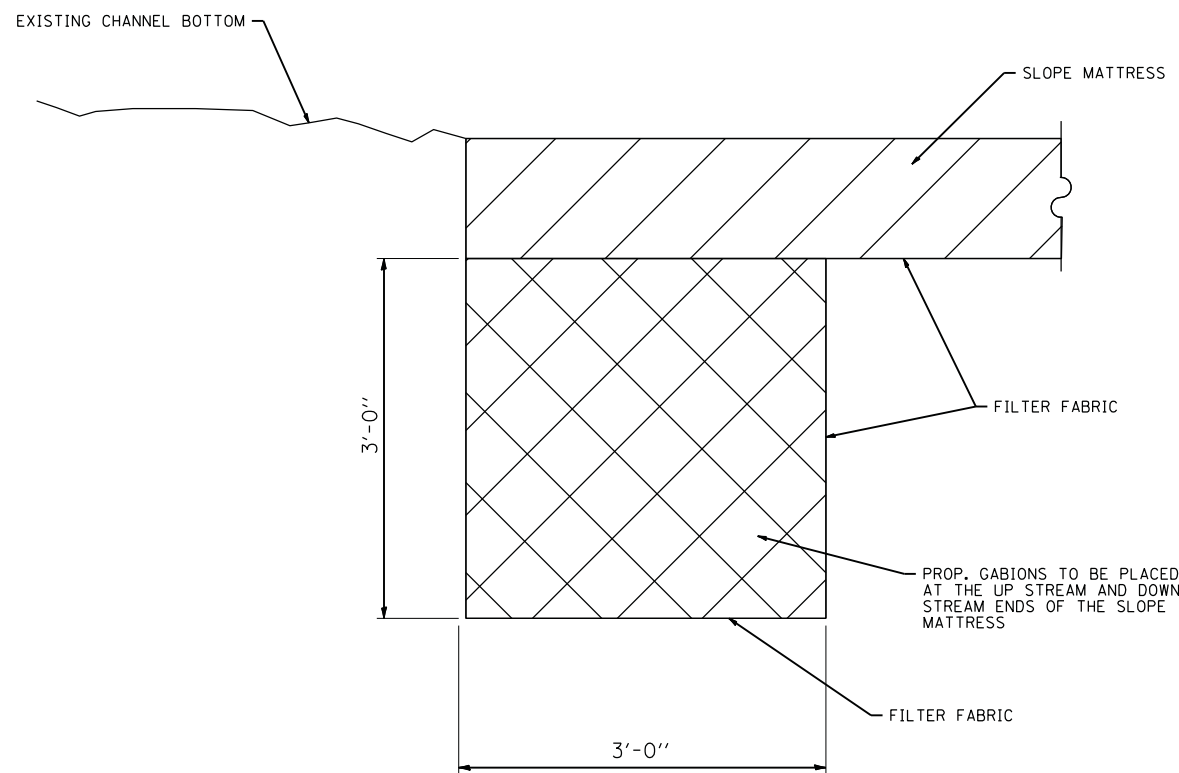
NOTES:

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



MATRESS ANCHORING DETAIL

COMPANY NAME: #COMPANY_NAME/
 PROJECT CONTACT: #PROJECT_CONTACT/
 DATE PLOTTED: 2/15/2012 4:24:17 PM
 FILE NAME: 86100196.03-drt-05.dgn
 PLOT DRIVER: pdfcut
 PEN TABLE: standard-trans.tbl



| | | |
|-----------------------|----------------|-----------|
| USER NAME = JGuerr | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = N/A | CHECKED - | REVISED - |
| PLOT DATE = 2/15/2012 | DATE - 2/15/12 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DEWATERING SYSTEM DETAILS
 SCOUR COUNTERMEASURES - VARIOUS LOCATION**

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

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------------------------------|------------|--------|--------------------|-----------|
| 2857 | 2011-214-1 | COOK | 12 | 12 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 6OR55 | |