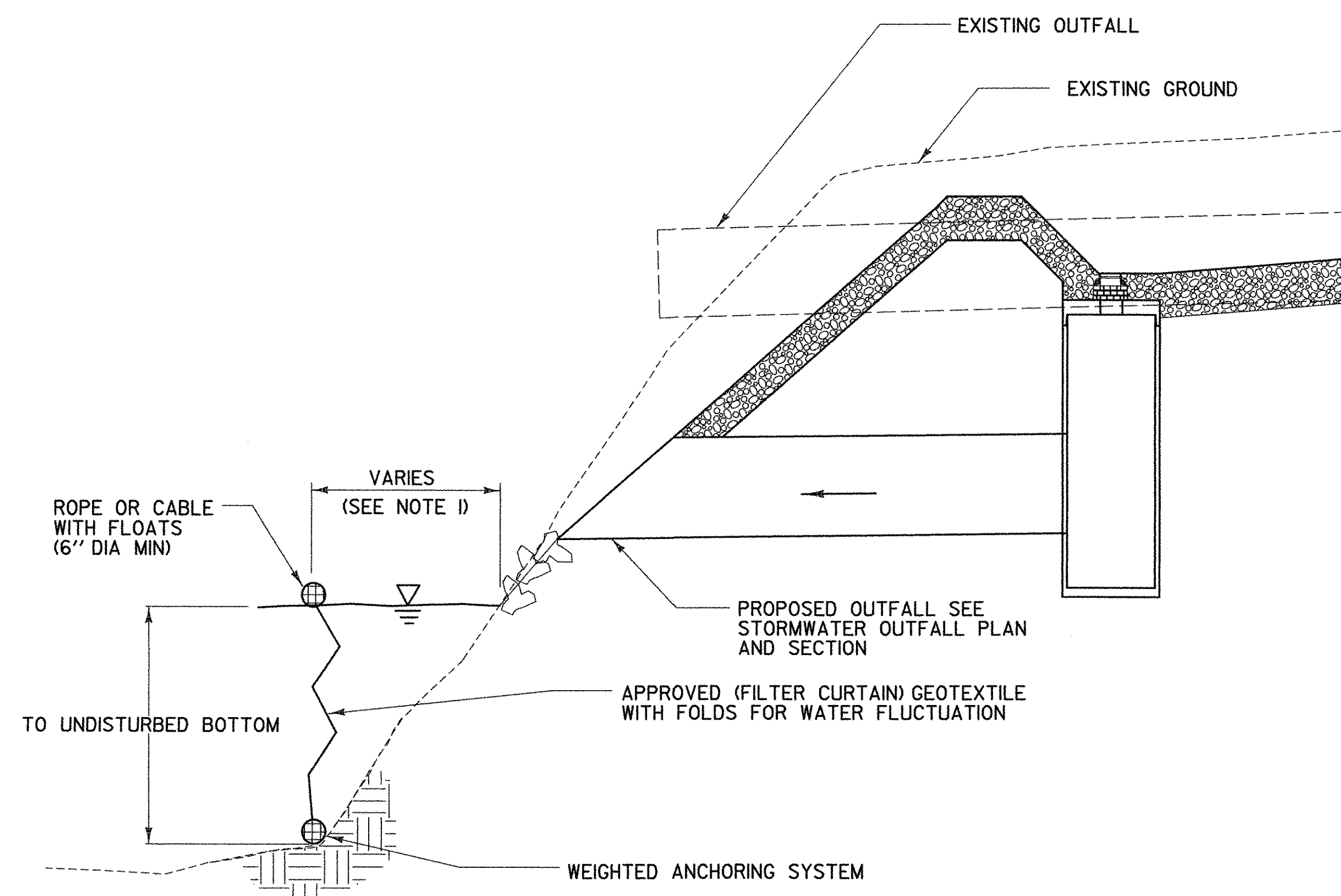


FILTER CURTAIN ELEVATION



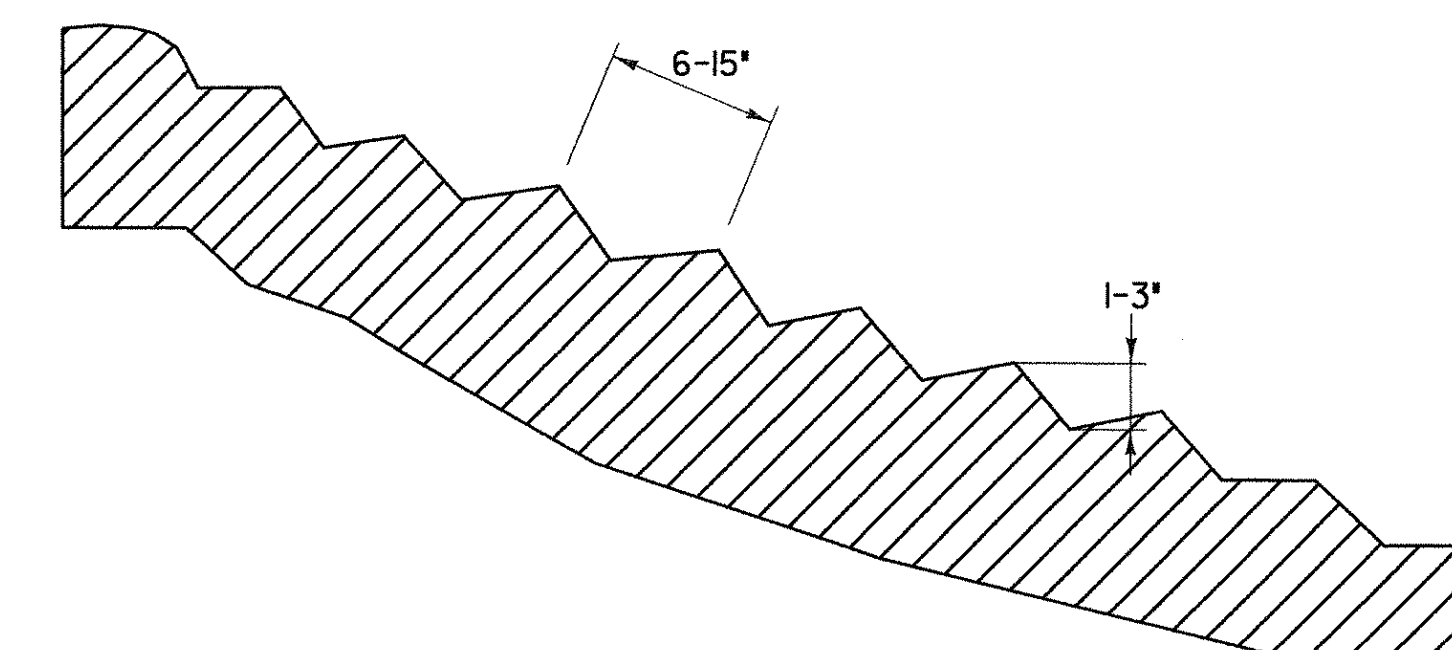
FILTER CURTAIN APPLICATION DETAIL

APPLICATION NOTES:

- A. THE PURPOSE OF A FILTER CURTAIN IS TO SEPARATE WORK AREAS IN OR ADJACENT TO WATERS, TO PREVENT SEDIMENT FROM ENTERING THE WATERS.
- B. FILTER CURTAIN SHALL NOT BE PLACED ACROSS A FLOWING WATERWAY, OR IN A WATERWAY WITH STREAM VELOCITIES GREATER THAN 1.5 FT/SEC.
- C. FILTER CURTAIN SHALL NOT BE PLACED AT THE OUTLET OF A CULVERT OR DITCH UNLESS THE VELOCITY DOES NOT EXCEED 1.5 FT/SEC.

GENERAL NOTES:

1. THE FILTER CURTAIN SHALL BE PLACED AS CLOSE TO THE WORK AS POSSIBLE WITHOUT INTERFERING WITH CONSTRUCTION OPERATIONS.
2. THE FILTER CURTAIN SHALL BE A MAXIMUM OF 100 FEET LONG BETWEEN ANCHORS. LAST SECTION SHALL TERMINATE A MINIMUM OF 10 FEET BEYOND THE LIMIT OF DISTURBANCE.
3. THE CONTRACTOR SHALL MONITOR THE FILTER CURTAIN, TAKING INTO ACCOUNT WEATHER PATTERNS AND PREVAILING WIND DIRECTIONS THAT MAY AFFECT WATER LEVELS, VELOCITY AND MOVEMENT OF THE FILTER CURTAIN.
4. THE FILTER CURTAIN SHALL BE REMOVED BY SLOWLY PULLING TOWARD THE SHORE TO MINIMIZE ESCAPE OF SEDIMENTS INTO THE WATERWAY.
5. THE WEIGHTED ANCHOR SYSTEM SHALL BE A TYPE THAT ALLOWS THE CURTAIN TO CONFORM TO THE CONTOUR ON THE BOTTOM OF THE WATERWAY.
6. STYROFOAM BLOCK SIZE AND BUOYANCY REQUIREMENTS SHALL BE AS MANDATED BY MANUFACTURER'S REQUIREMENTS BASED ON WEIGHT AND LENGTH OF CURTAIN.
7. ATTACH STRESS PLATES TO FABRIC AND CABLE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS BASED ON SITE-SPECIFIC CONDITIONS.
8. STAKE/ANCHOR FLOATING SILT CURTAIN AT CORNERS AND AT SPACINGS IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
9. ANCHOR FLOATING SILT CURTAIN ON LAND AT LOCATIONS UPSTREAM AND DOWNSTREAM OF CONSTRUCTION AREAS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
10. PAYMENT FOR INSTALLATION AND REMOVAL OF FILTER CURTAIN SHALL BE MADE UNDER THE GEOTEXTILE FOR FILTER CURTAIN ITEM.
11. PAYMENT FOR MONITORING FILTER CURTAIN SHALL BE MADE UNDER THE MONITORING EROSION & SEDIMENT CONTROL PLAN ITEM.
12. PAYMENT FOR MAINTAINING FILTER CURTAIN SHALL BE MADE UNDER THE FIELD MAINTENANCE OF EROSION & SEDIMENT CONTROL PLAN ITEM, UNLESS MAINTENANCE IS REQUIRED DUE TO POOR INSTALLATION PRACTICES.



1. THE CONTRACTOR SHALL IMMEDIATELY ROUGHEN ALL DISTURBED SOIL SURFACES TO THE SATISFACTION OF THE ENGINEER BY THE USE OF TRACK DRIVEN BULLDOZERS, SHEEPSFOOT ROLLERS OR OTHER APPROVED METHODS. THE ROUGHENED GROOVES SHALL BE PARALLEL TO THE CONTOURS.
2. THE CONTRACTOR SHALL APPLY DUST CONTROL MEASURES OVER EXPOSED SURFACES NOT INTENDED TO BE VEGETATED. HAY MULCH SHALL BE APPLIED OVER THOSE SURFACES INTENDED BE VEGETATED.

SURFACE ROUGHENING DETAILS

DATUM	
VERTICAL	NGVD 1929
HORIZONTAL	N/A

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