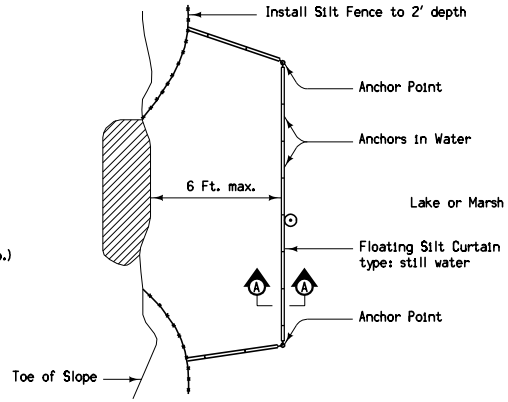


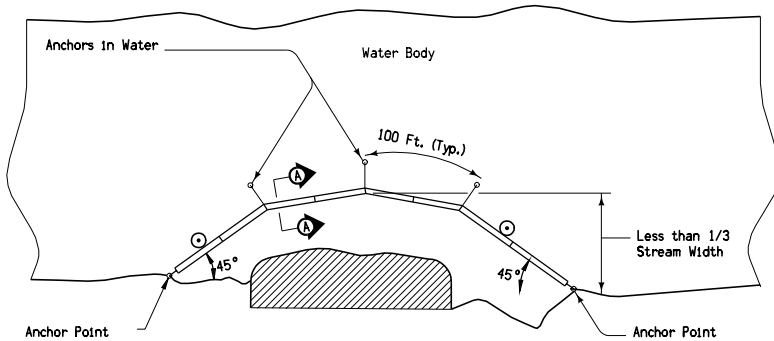
**PLAN VIEW, MOVING WATER:
MAJOR ENCROACHMENT**

LEGEND

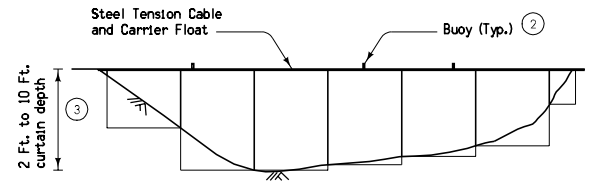
- ⊙ Buoy ②
- ▨ Work Area
- ⇐ Direction of Flow



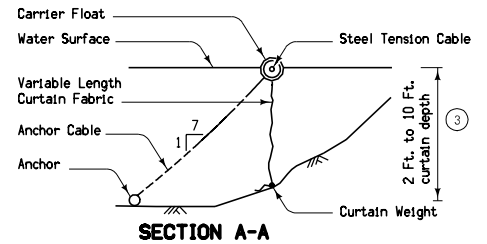
PLAN VIEW (STILL WATER)



**PLAN VIEW, MOVING OR
STILL WATER: CONTAINMENT**



**FLOATING SILT CURTAIN -
TYPE: MOVING WATER AND STILL WATER**



SECTION A-A

Keep silt curtain as close to work area as possible.

- ① May be used when work area encroaches less than 1/4 of the width of stream.
- ② On U.S. Coast Guard or other motorized waterways, buoy are required to mark the ends and special areas for visibility. Place buoys as required for navigational purposes.
- ③ Silt Curtain height includes expected water depth plus wave height to a maximum of 10'.

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<i>Deanna Macfild</i> APPROVED BY DESIGN METHODS ENGINEER	
FLOATING SILT CURTAIN	

This drawing covers flotation silt curtain used for containing suspended sediment in an area of open water. The following types are provided for the specified uses:



- Still Water, Lakes or large bodies of water with little to no current.
- Major Encroachment, Moving Water, Streams and Rivers.
- Containment, Moving or Still Water.

anchors and weights are to be as recommended by manufacturer. Floatation silt curtain shall be constructed of fabric fastened to a flotation carrier and weighted along the bottom edge. Depth of curtain shall be as indicated in the Plans. Depth of curtain shall refer to the dimension of the curtain fabric extending below the flotation, i.e. hanging in the water. The flotation silt curtain shall conform to the table. Upon completion of the work the curtain shall be removed in a manner that will prevent re-suspension of sediment into the water.

FLOATING SILT CURTAIN REQUIREMENTS

	TYPE	
	Still Water	Moving Water
Curtain Fabric Material Type	Impermeable vinyl-nylon laminate	Impermeable vinyl-coated nylon
Mass per square yard	18 oz	22 oz
Grab Tensile Strength ASTM D 4632 (B)	300 lbs	500 lbs
Depth of Curtain (A)	From 2-10 feet	From 2-10 feet
Flotation	6 inches diameter Marine quality expanded polystyrene	8 inches diameter Marine quality expanded polystyrene
Net Buoyancy, per foot	13 lbs	20 lbs
Top Load Carrying Components	Fabric Only	Fabric plus 5/16 inch galvanized steel cable 9800 lb min. break strength
Ballast, lbs per foot, min.	0.7 lb/foot enclosed 1/4 inch galvanized chain	1.1 lb/foot enclosed 5/16 inch galvanized chain
Connection Between Sections	Laced grommets	Aluminum collar reinforced quick disconnects

(A) As specified in the Contract
 (B) Minimum average roll value.

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FLOATING SILT CURTAIN	