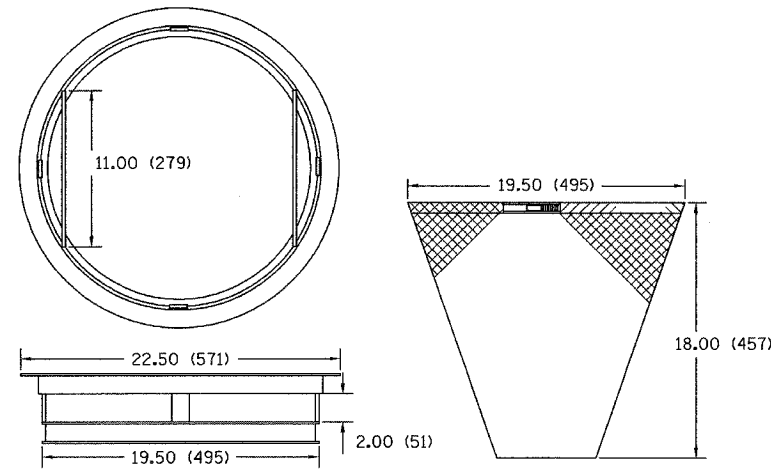
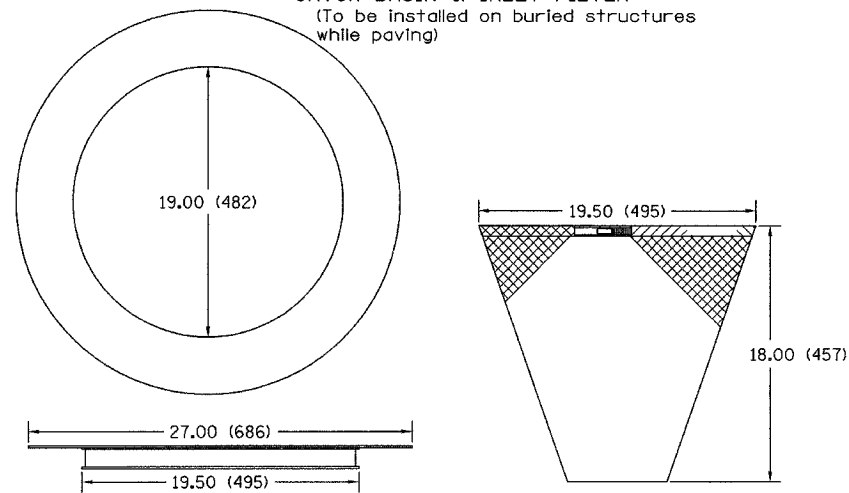


TYPE I INLET FILTER



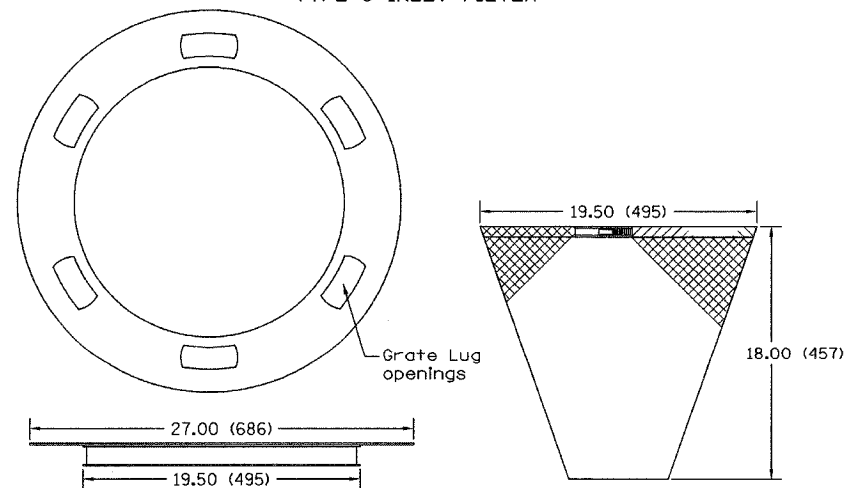
NOTES:  
 FRAME: Top ring shall be fabricated from 1 1/4"(31.7) x 1 1/4"(31.7) x 1/8"(3.1) angle. Base ring shall be fabricated from 1 1/2"(38.1) x 1/2"(12.7) x 1/8"(3.1) channel. Handles and suspension brackets shall be fabricated from 1 1/4"(31.7) x 1/4"(6.3) flat stock. Domestic steel conforming to ASTM-A36.  
 SEDIMENT BAGS: Shall be fabricated from 4 oz./sq. yd.(0.142 L/SQ M) non-woven polypropylene geotextile and shall be reinforced with polyester mesh. The bag shall be secured to the base ring with a stainless steel strap and lock.

CATCH BASIN & INLET FILTER  
 (To be installed on buried structures while paving)



NOTES:  
 FRAME: Flange shall be fabricated from 1/8"(3.1) flat stock. Base ring shall be fabricated from 1 1/2"(38.1) x 1/2"(12.7) x 1/8"(3.1) channel. Domestic steel conforming to ASTM-A36.  
 SEDIMENT BAG: Shall be fabricated from 4 oz./sq. yd.(0.142 L/SQ M) non-woven polypropylene geotextile and shall be reinforced with polyester mesh. The bag shall be secured to the base ring with a stainless steel strap and lock.

TYPE 8 INLET FILTER

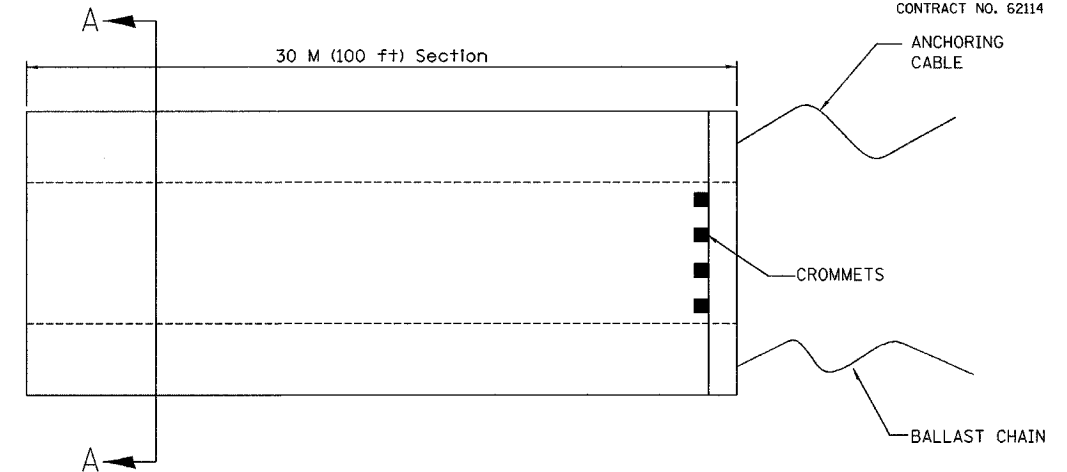


NOTES:  
 FRAME: Flange shall be fabricated from 1/8"(3.1) flat stock. Base ring shall be fabricated from 1 1/2"(38.1) x 1/2"(12.7) x 1/8"(3.1) channel. Domestic steel conforming to ASTM-A36.  
 SEDIMENT BAG: Shall be fabricated from 4 oz./sq. yd.(0.142 L/SQ M) non-woven polypropylene geotextile and shall be reinforced with polyester mesh. The bag shall be secured to the base ring with a stainless steel strap and lock.

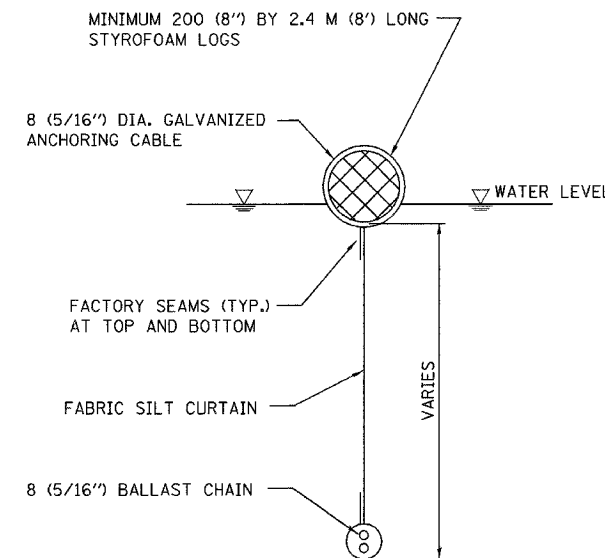
INLET FILTERS

NOTE: ALL UNITS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	241
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			



ELEVATION  
 NOT TO SCALE



SECTION A-A  
 NOT TO SCALE

NOTES:

- SILT CURTAIN SHALL BE ANCHORED TO PREVENT DRIFT SHOREWARD OR DOWNSTREAM. ANCHORAGES SHALL BE INSTALLED ON BOTH SHORE AND STREAM SIDE.
- 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 CURRENT VELOCITIES
- FABRIC SECTIONS SHALL BE CONNECTED END TO END WITH MINIMUM 8 (5/16") DIAMETER POLYPROPYLENE ROPE.
- DESIGN OF CURTAIN 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.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED. THE CONTRACTOR SHALL REMOVE THE BOOM AT COMPLETION OF WORK IN A MANNER THAT WILL PREVENT SILTATION OF THE WATERWAY.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

APPLICATION: SILT CURTAIN TO BE USED TO CONTROL SILT AND DEBRIS WHEN WORKING IN WATERWAYS.

SEDIMENT CONTROL,  
 SILT CURTAIN DETAIL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**EROSION CONTROL DETAILS**

SCALE NONE  
 DATE 07/05  
 DRAWN BY ACE/CAD  
 CHECKED BY TAE

