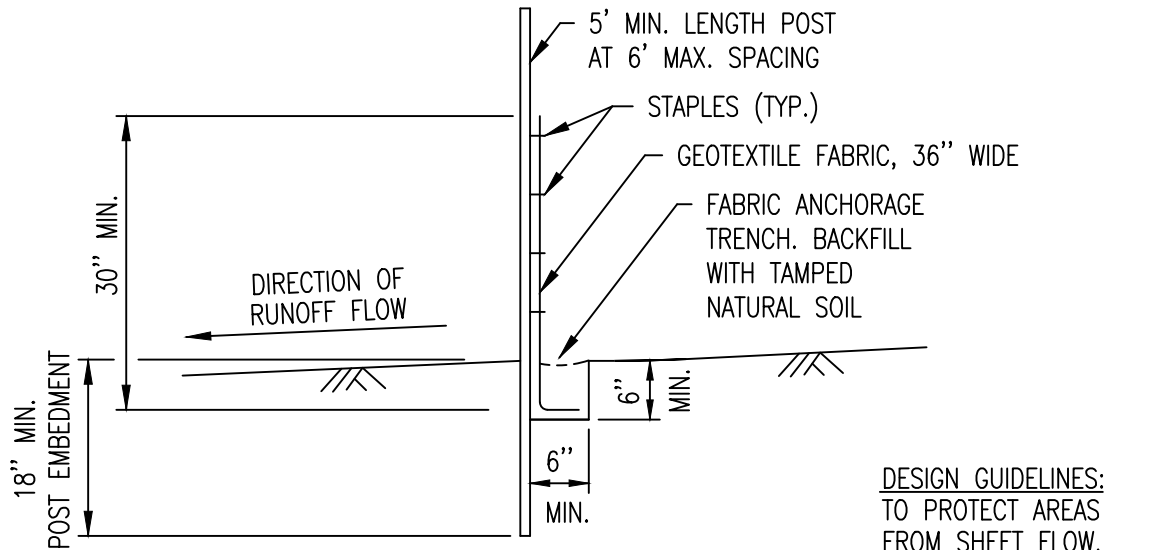


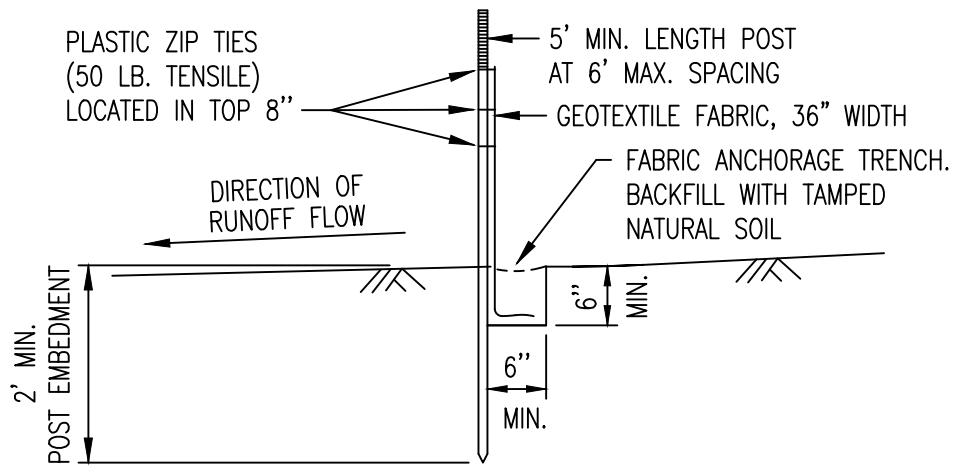
SILT FENCE TYPE MS  
(MACHINE SLICED)



SILT FENCE TYPE PA  
(PREASSEMBLED)

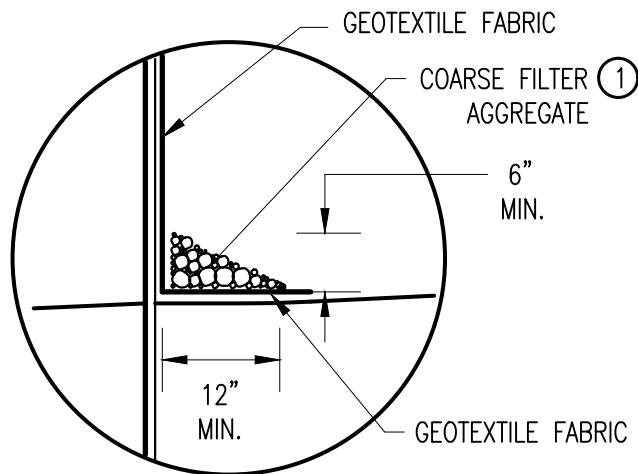
DEPARTMENT OF PUBLIC WORKS  
CITY OF ROCHESTER, MINNESOTA  
**SILT FENCE DETAILS**  
**TYPES MS AND PA**

*Dylan S. Dahl*  
CITY ENGINEER



**SILT FENCE TYPE HI  
(HAND INSTALLED)**

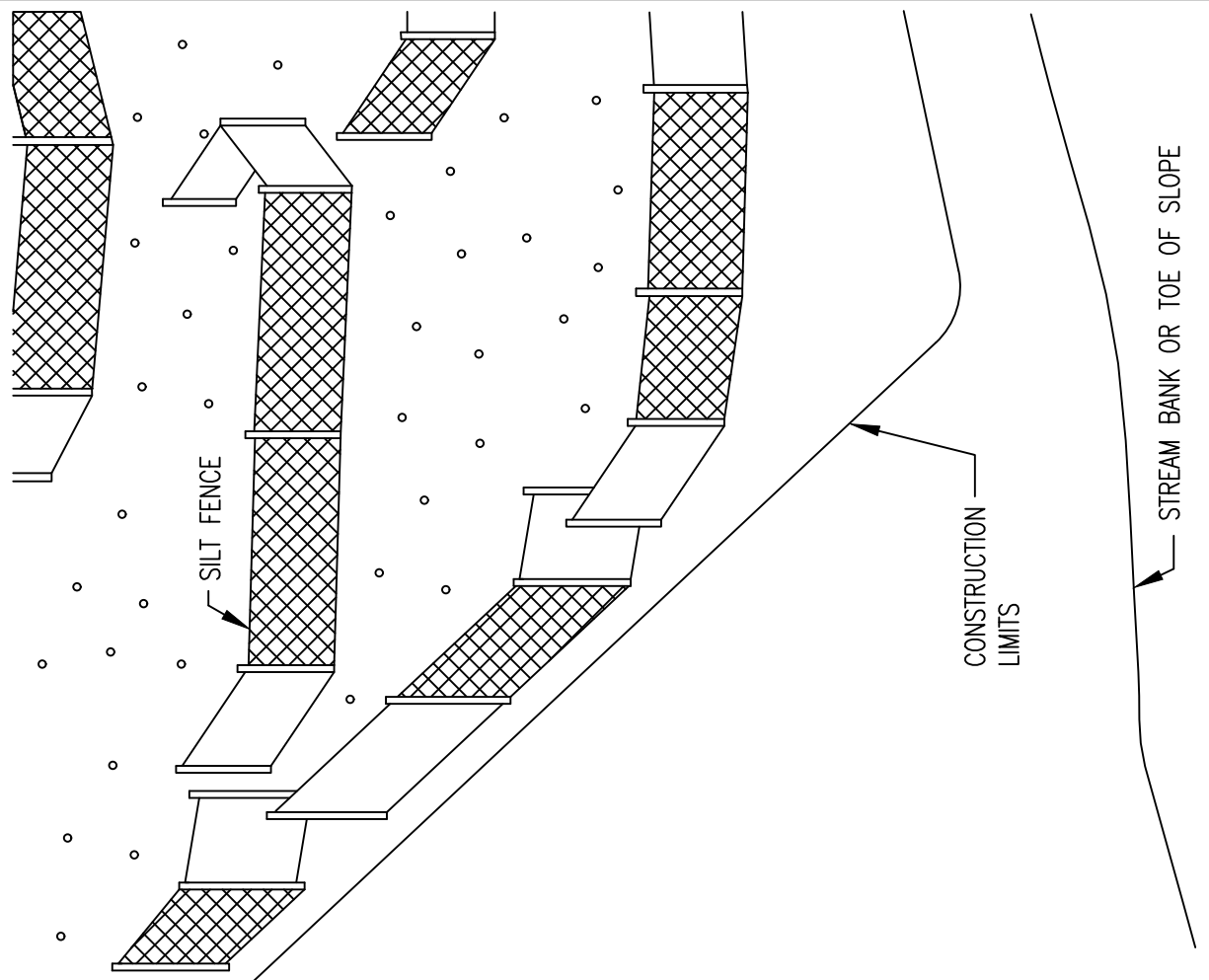
DESIGN GUIDELINES:  
TO PROTECT AREAS  
FROM SHEET FLOW.  
MAXIMUM CONTRIBUTING  
AREA: 1 ACRE



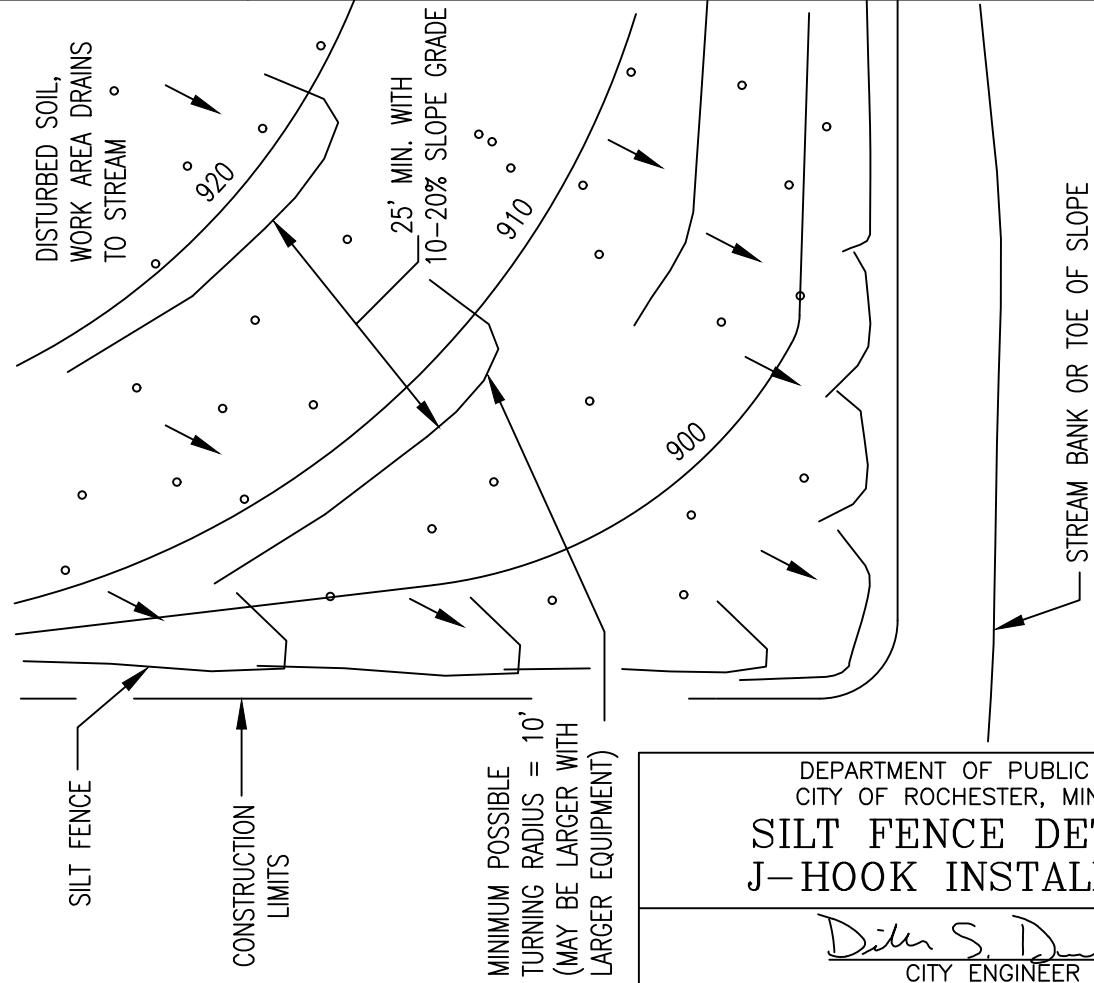
**OPTIONAL METHOD**

① COARSE FILTER AGGREGATE (MN/DOT SPEC. 3149)  
SHALL BE INCIDENTAL.

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA			
<b>SILT FENCE DETAILS</b>			
<i>Dylan S. Dahl</i> CITY ENGINEER			
SHT 2 OF 3 SHTS	DATE REVISED 1/1/23	PLATE NO. 7-01	REV. F



PERSPECTIVE VIEW



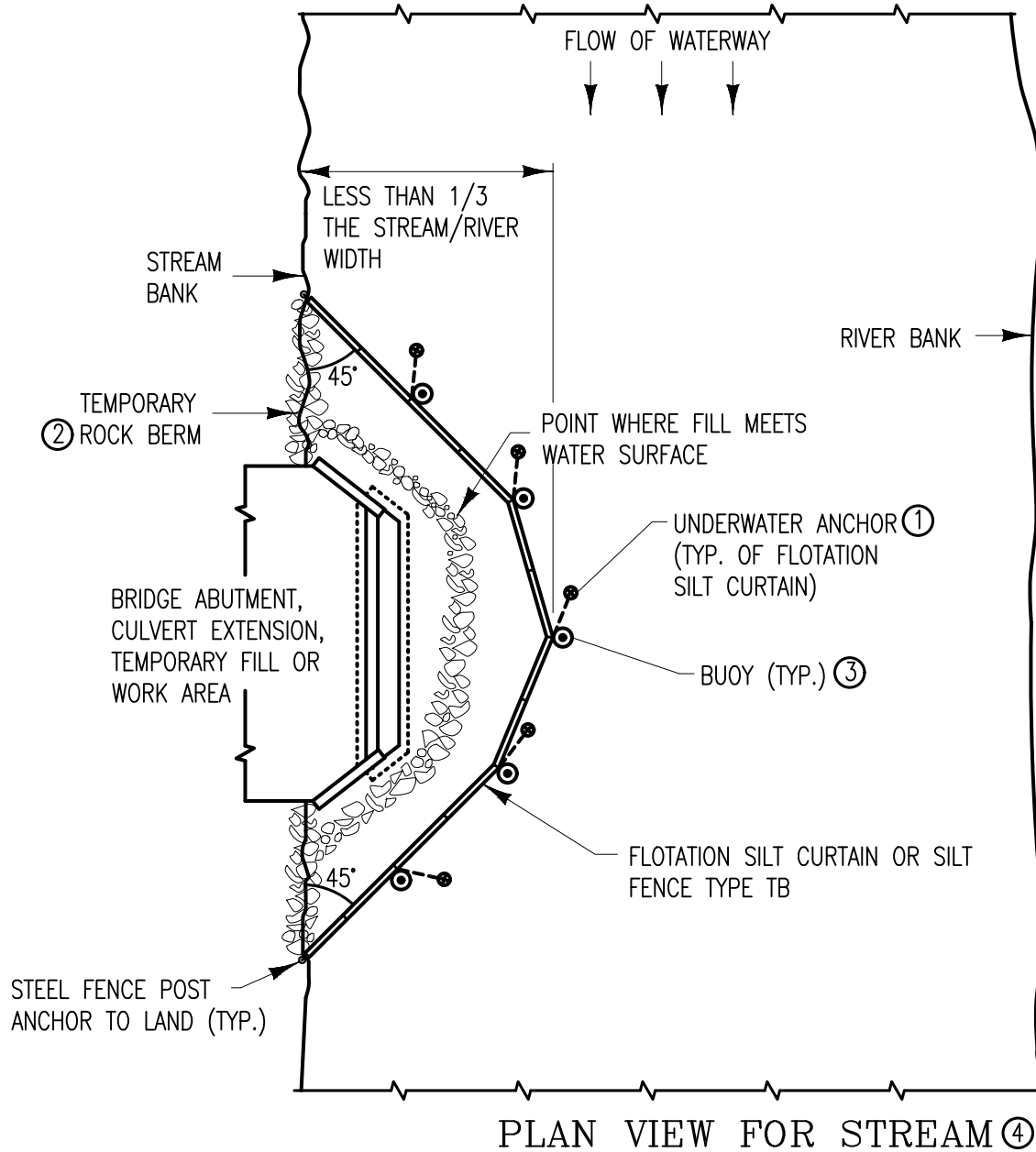
PLAN VIEW

DEPARTMENT OF PUBLIC WORKS  
 CITY OF ROCHESTER, MINNESOTA  
**SILT FENCE DETAILS—  
 J-HOOK INSTALLATION**

*Dimitri S. Dinkel*  
 CITY ENGINEER

REFERENCE: MN/DOT SPEC. 2573 & 3886

SHT 3 OF 3 SHTS	DATE REVISED 1/1/23	PLATE NO. 7-01	REV. F
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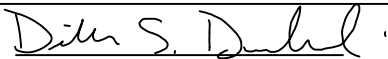


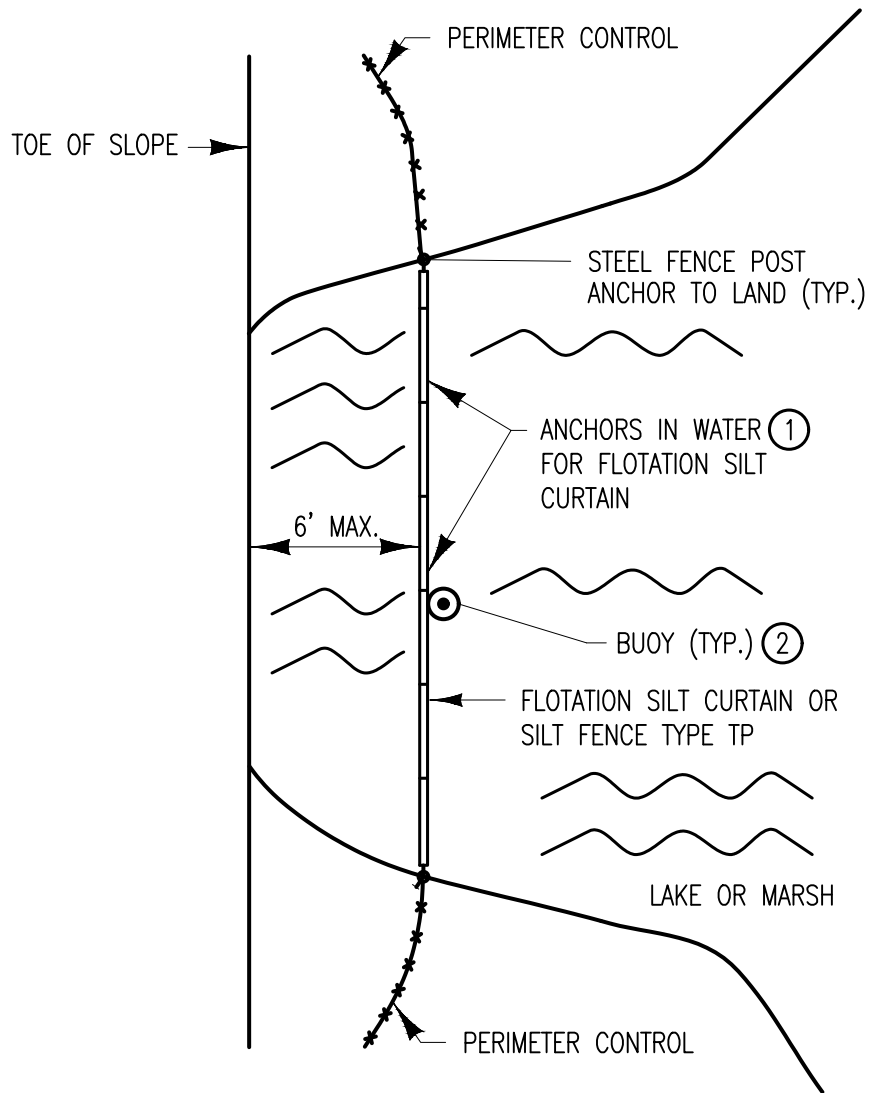
PLAN VIEW FOR STREAM ④

NOTES:

SEE MN/DOT SPECS. 2573, 3886, 3887 & 3893.

- ① FOR ANCHOR SPACING AND WEIGHT REQUIREMENTS, SEE MN/DOT SPEC. 2573.
- ② IN AREAS WHERE THE PLAN CALLS FOR RIPRAP AT A BRIDGE, CULVERT, OR SLOPE, A TEMPORARY ROCK BERM CONSTRUCTED FROM THE RIPRAP CAN BE USED TO PROVIDE ADDITIONAL PROTECTION. WHEN THE WORK IS COMPLETE THE RIPRAP CAN THEN BE MOVED TO THE PERMANENT LOCATION INDICATED IN THE PLANS. THE TEMPORARY ROCK BERM IS INCIDENTAL.
- ③ ON U.S. COAST GUARD OR OTHER MOTORIZED WATERWAYS, BUOYS ARE REQUIRED TO MARK THE ENDS AND SPECIAL AREAS FOR VISIBILITY. PLACE BUOYS AS REQUIRED FOR NAVIGATIONAL PURPOSES.
- ④ SILT CURTAIN SHALL BE REMOVED WHEN THE AREA CONTRIBUTING DIRECT RUNOFF HAS BEEN TEMPORARILY OR PERMANENTLY STABILIZED. SILT CURTAIN SHALL ALSO BE REMOVED BEFORE WINTER IF ICE UP OR ICE FLOW IS ANTICIPATED.

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA <b>PLAN VIEW FOR          FLOTATION SILT CURTAIN-          MOVING WATER</b>			
 CITY ENGINEER			
SHT 1 OF 6 SHTS	DATE REVISED 4/15/21	PLATE NO. 7-02	REV. D

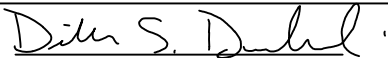


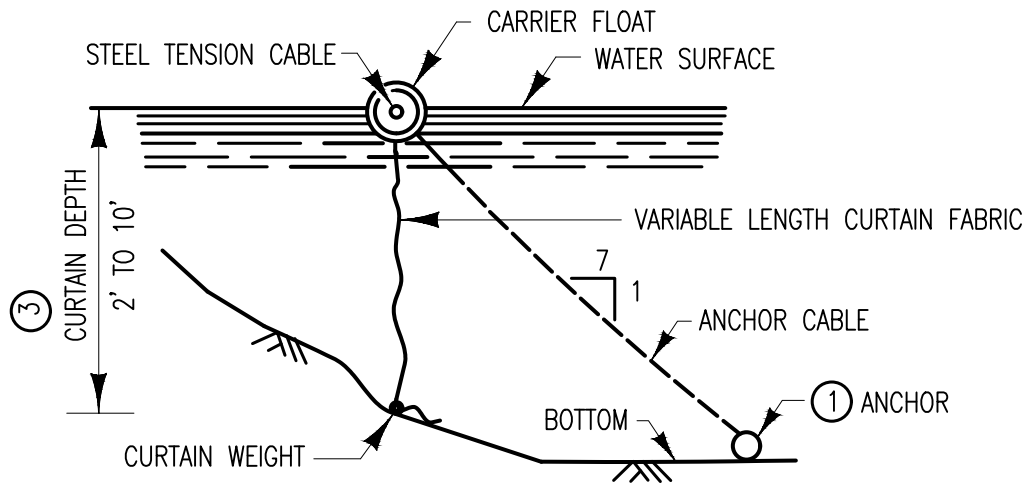
PLAN VIEW FOR LAKE OR MARSH (3)

NOTES:

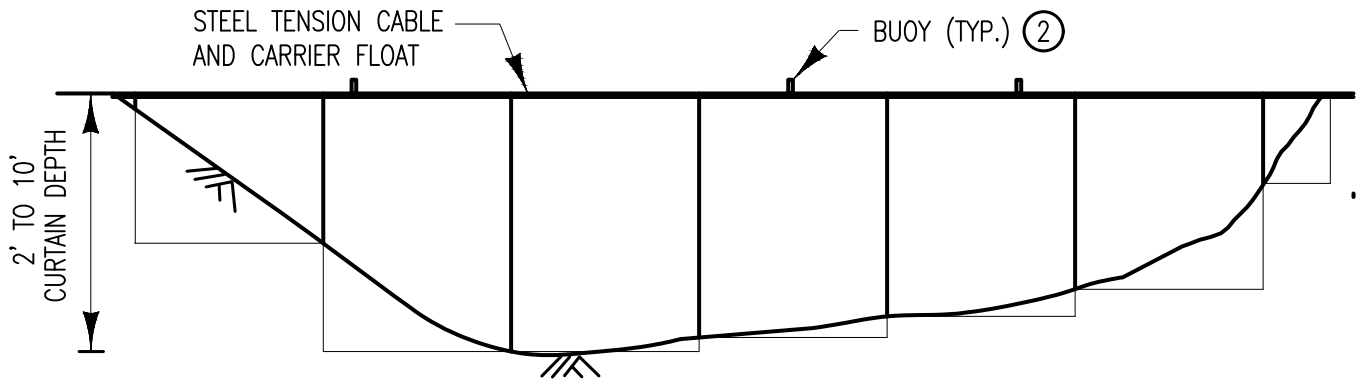
SEE MN/DOT SPECS. 2573, 3886, 3887 & 3893.

- (1) FOR ANCHOR SPACING AND WEIGHT REQUIREMENTS, SEE MN/DOT SPEC. 2573.
- (2) ON U.S. COAST GUARD OR OTHER MOTORIZED WATERWAYS, BUOYS ARE REQUIRED TO MARK THE ENDS AND SPECIAL AREAS FOR VISIBILITY. PLACE BUOYS AS REQUIRED FOR NAVIGATIONAL PURPOSES.
- (3) SILT CURTAIN SHALL BE REMOVED WHEN THE AREA CONTRIBUTING DIRECT RUNOFF HAS BEEN TEMPORARILY OR PERMANENTLY STABILIZED. SILT CURTAIN SHALL ALSO BE REMOVED BEFORE WINTER IF ICE UP OR ICE FLOW IS ANTICIPATED.

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA <b>PLAN VIEW FOR          FLOTATION SILT CURTAIN-          STILL WATER</b>			
 CITY ENGINEER			
SHT 2 OF 6 SHTS	DATE REVISED 4/15/21	PLATE NO. 7-02	REV. D



FLOTATION SILT CURTAIN

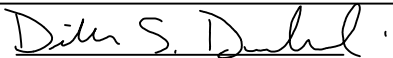


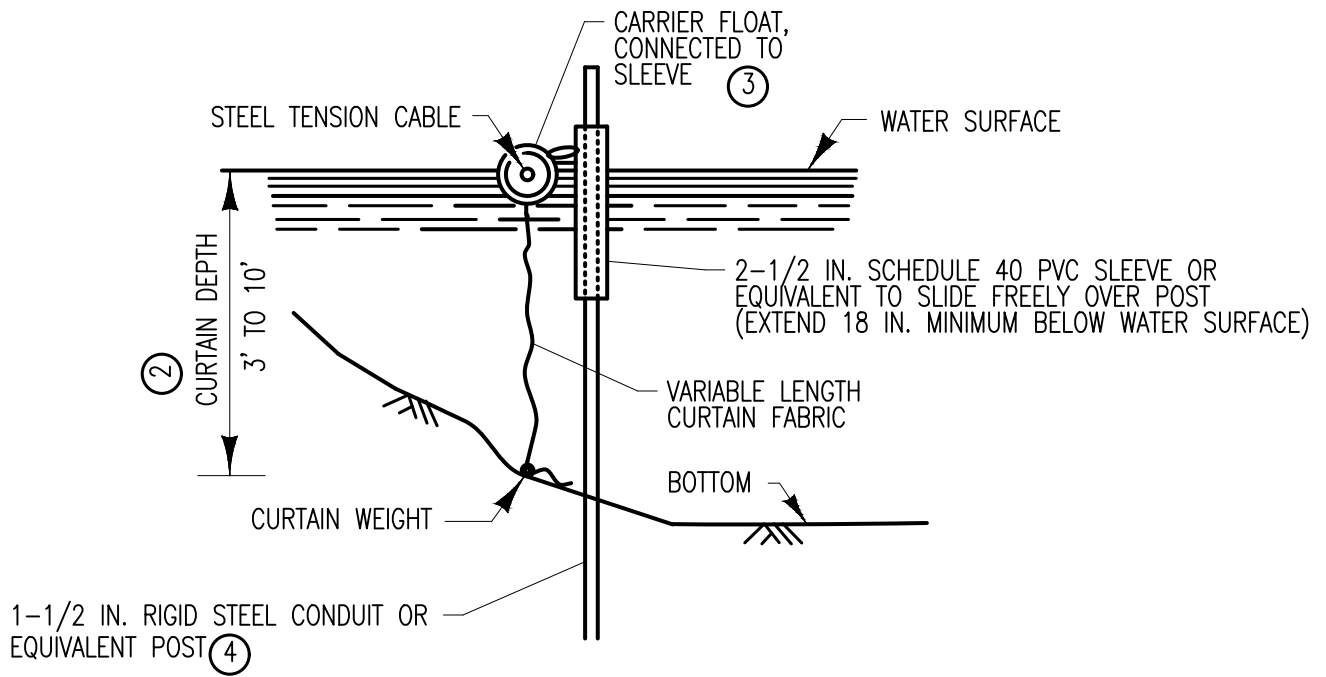
FRONT VIEW FOR FLOTATION SILT CURTAIN

NOTES:

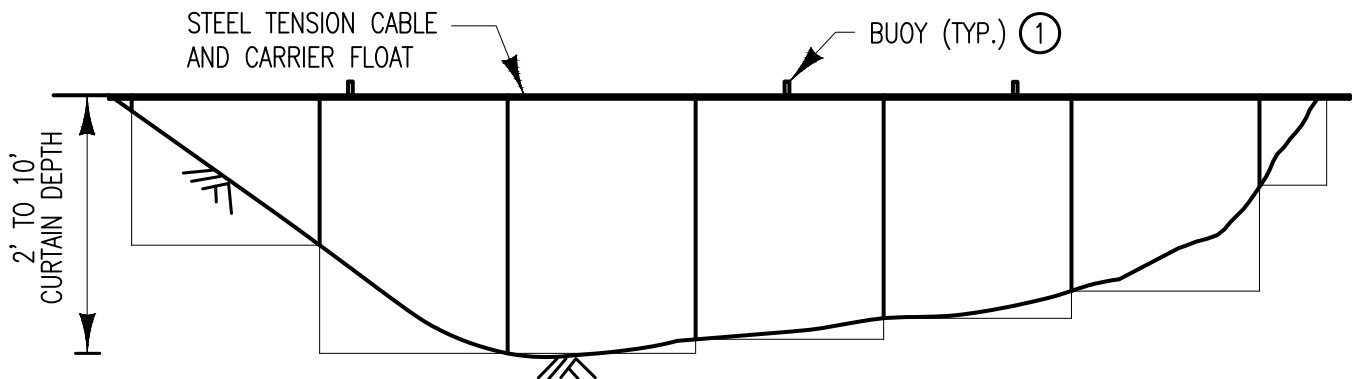
SEE MN/DOT SPECS. 2573, 3886, 3887 & 3893.

- ① FOR ANCHOR SPACING AND WEIGHT REQUIREMENTS, SEE SPEC. 2573.
- ② ON U.S. COAST GUARD OR OTHER MOTORIZED WATERWAYS, BUOYS ARE REQUIRED TO MARK THE ENDS AND SPECIAL AREAS FOR VISIBILITY. PLACE BUOYS AS REQUIRED FOR NAVIGATIONAL PURPOSES.
- ③ MINIMUM WATER DEPTH APPLIES TO THE DEEPEST POINT ALONG THE FLOTATION SILT CURTAIN OR SILT FENCE TYPE TB FOR DETERMINING APPLICABILITY OF FLOTATION SILT CURTAIN OR SILT FENCE TYPE TB.

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA <b>FLOTATION SILT CURTAIN—          WORK AREA &amp; STILL WATER</b>			
 CITY ENGINEER			
SHT 3 OF 6 SHTS	DATE REVISED 4/15/21	PLATE NO. 7-02	REV. D



### ALTERNATE FLOTATION SILT CURTAIN

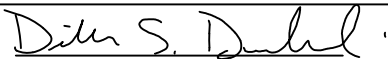


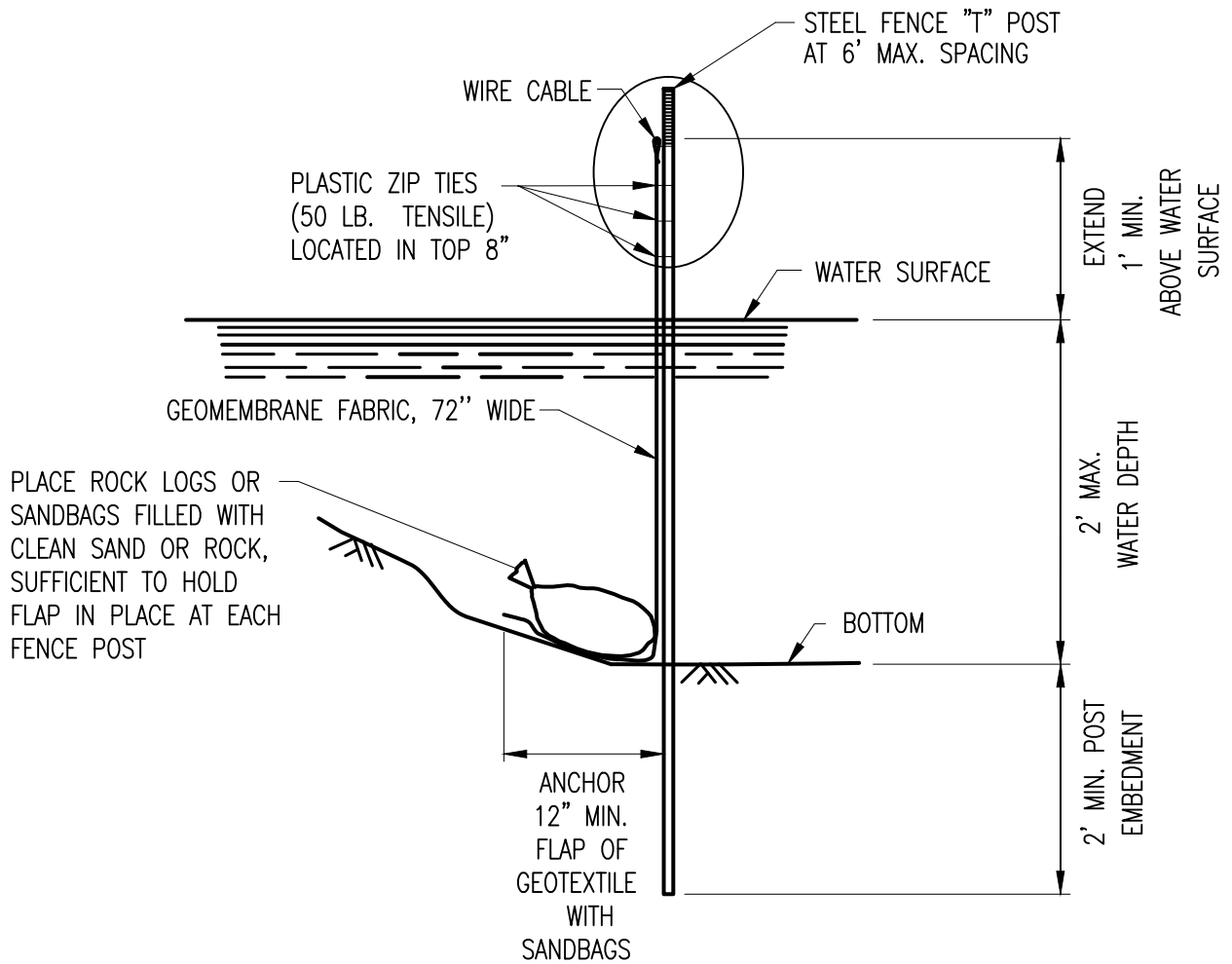
### FRONT VIEW FOR FLOTATION SILT CURTAIN

**NOTES:**

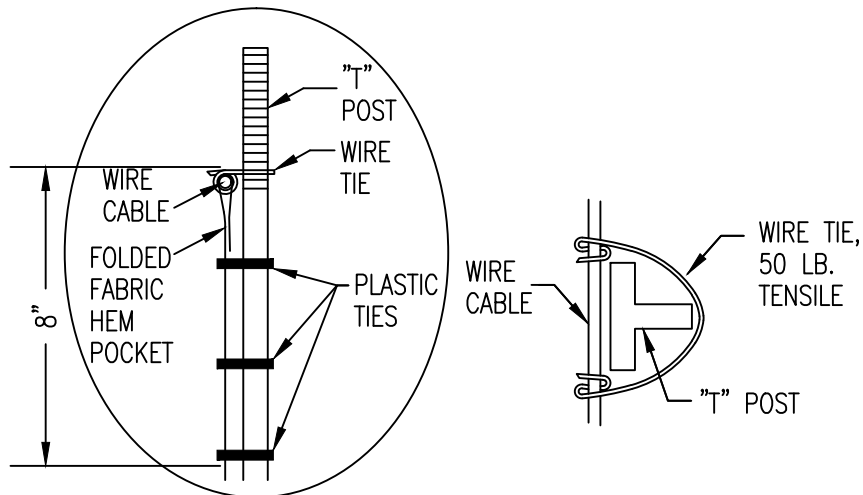
SEE MN/DOT SPECS. 2573, 3886, 3887 & 3893.

- ① ON U.S. COAST GUARD OR OTHER MOTORIZED WATERWAYS, BUOYS ARE REQUIRED TO MARK THE ENDS AND SPECIAL AREAS FOR VISIBILITY. PLACE BUOYS AS REQUIRED FOR NAVIGATIONAL PURPOSES.
- ② MINIMUM WATER DEPTH APPLIES TO THE DEEPEST POINT ALONG THE FLOTATION SILT CURTAIN OR SILT FENCE TYPE TB FOR DETERMINING APPLICABILITY OF FLOTATION SILT CURTAIN OR SILT FENCE TYPE TB.
- ③ ANCHOR FLOAT MUST BE CONNECTED SECURELY TO SLEEVE WITH A MINIMUM TENSILE STRENGTH OF 100 LBS. CONNECTION METHOD MUST ALLOW FOR SLEEVE TO MOVE FREELY ON POST.
- ④ PROVIDE SUFFICIENT NUMBER OF POST ANCHORS TO MAINTAIN SILT CURTAIN POSITION.

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA <b>ALT. SECTIONAL VIEW          FLOTATION SILT CURTAIN</b>			
 CITY ENGINEER			
SHT 4 OF 6 SHTS	DATE REVISED 4/15/21	PLATE NO. 7-02	REV. D



### SILT FENCE TYPE TB ①



### FABRIC/CABLE POST CONNECTION

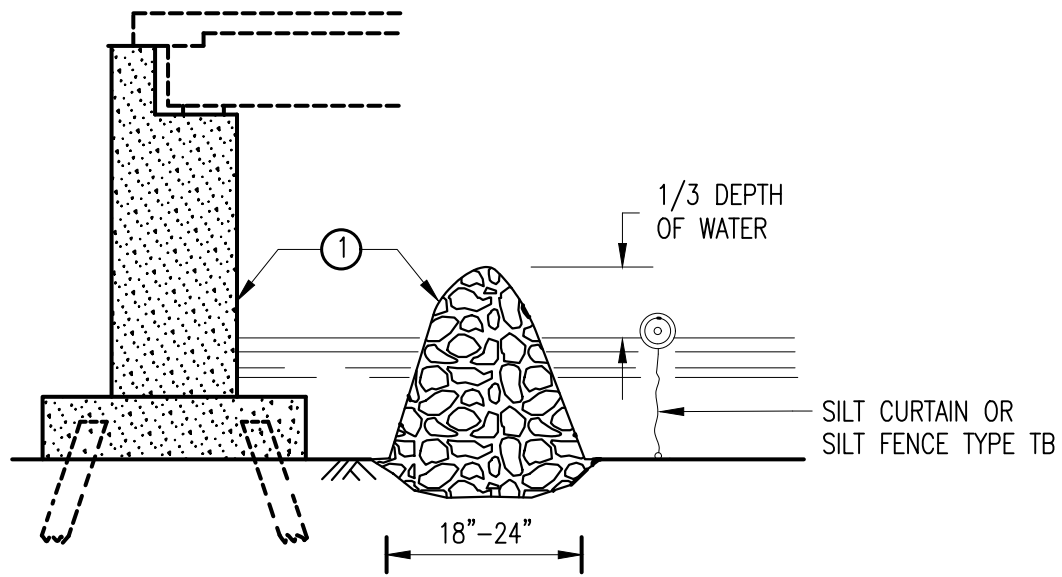
**NOTES:**

SEE MN/DOT SPECS. 2573, 3886, 3887 & 3893.

- ① EMBED POST INTO BOTTOM A MINIMUM OF 40% OF THE WATER DEPTH (INCLUDING WAVE HEIGHT), BUT IN NO CASE SHALL EMBEDMENT BE LESS THAN 2 FEET.

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA			
<b>SILT FENCE TYPE TB</b>			
<i>Dylan S. Dahl</i> CITY ENGINEER			
SHT 5 OF 6 SHTS	DATE REVISED 4/15/21	PLATE NO. 7-02	REV. D





**TEMPORARY ROCK BERM  
FOR SEDIMENT CONTROL**

**INSTALLATION GUIDELINES  
SILT FENCE TYPE TB**

MINIMUM WATER DEPTH: 1 FOOT  
 MAXIMUM WATER DEPTH: 3 FEET  
 MAXIMUM WATER VELOCITY: 5 FEET/SECOND

**INSTALLATION GUIDELINES ②  
FLOTATION SILT CURTAIN  
TYPE: STILL WATER**

MINIMUM WATER DEPTH: 3 FEET  
 MAXIMUM WATER DEPTH: 10 FEET  
 MAXIMUM WATER VELOCITY: 2 FEET/SECOND  
 MAXIMUM WAVE HEIGHT: 1 FOOT

**INSTALLATION GUIDELINES ②  
FLOTATION SILT CURTAIN  
TYPE: MOVING WATER**

MINIMUM WATER DEPTH: 3 FEET  
 MAXIMUM WATER DEPTH: 10 FEET  
 MAXIMUM WATER VELOCITY: 5 FEET/SECOND  
 MAXIMUM WAVE HEIGHT: 2 FEET

NOTES:

SEE MN/DOT SPECS. 2573, 3886, 3887 & 3893.

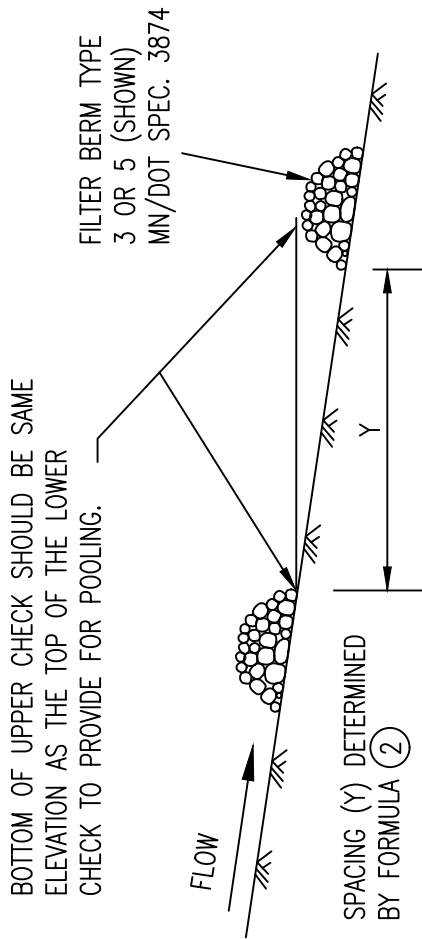
① IN AREAS WHERE THE PLAN CALLS FOR RIPRAP AT A BRIDGE, CULVERT, OR SLOPE, A TEMPORARY ROCK BERM CONSTRUCTED FROM THE RIPRAP CAN BE USED TO PROVIDE ADDITIONAL PROTECTION. WHEN THE WORK IS COMPLETE THE RIPRAP CAN THEN BE MOVED TO THE PERMANENT LOCATION INDICATED IN THE PLANS. THE TEMPORARY ROCK BERM IS INCIDENTAL.

② MINIMUM WATER DEPTH APPLIES TO THE DEEPEST POINT ALONG THE FLOTATION SILT CURTAIN OR SILT FENCE TYPE TB FOR DETERMINING APPLICABILITY OF FLOTATION SILT CURTAIN OR SILT FENCE TYPE TB.

DEPARTMENT OF PUBLIC WORKS  
 CITY OF ROCHESTER, MINNESOTA  
**FLOTATION SILT CURTAIN—  
 DESIGN GUIDELINES**

*Dylan S. Dahl*  
 CITY ENGINEER

SHT 6 OF 6 SHTS	DATE REVISED 4/15/21	PLATE NO. 7-02	REV. D
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**DITCH CHECK SPACING (1)**

**NOTES**

SEE MN/DOT SPECS. 2573, 3601, 3733 & 3874

(1) ROCK DITCH CHECKS PLACED WITHIN THE CLEAR ZONE ARE TO BE 18" OR LESS IN HEIGHT. A 1:6 APPROACH AND DEPARTURE SLOPE SHALL BE PROVIDED.

(2) APPROXIMATE SPACING BETWEEN EACH DITCH CHECK SHOULD BE DETERMINED FROM SPACING FORMULA:

$$(FT.) = Y = \frac{\text{DITCH CHECK HEIGHT (FT)}}{\% \text{ CHANNEL SLOPE}} \times 100$$

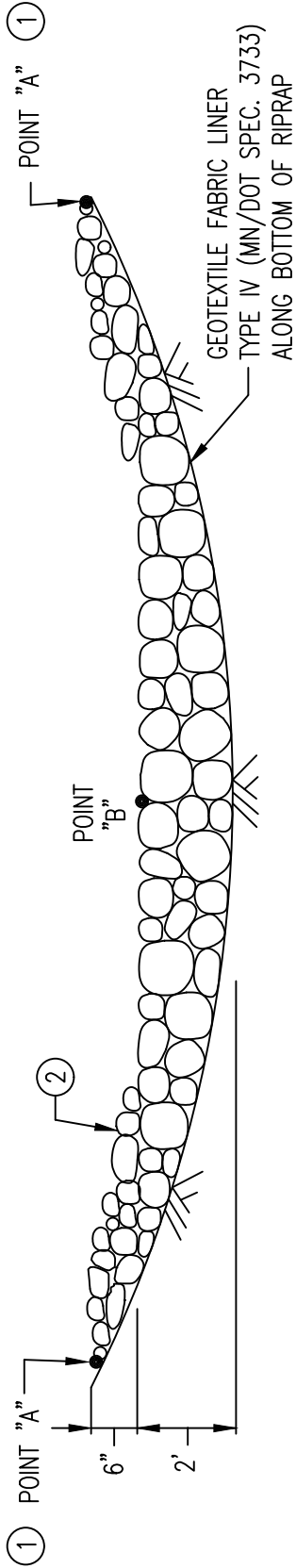
GENERAL DESIGN GUIDELINES		
DITCH CHECK TYPE	ROCK WEEPER	ROCK CHECK
STORM FREQUENCY:	5 YR. - 24 HR.	5 YR. - 24 HR.
MAX. FLOW VELOCITY:	12 FT./SEC	12 FT./SEC
MAX. DITCH GRADE:	3% - 5%	3% - 5%
MAX. DRAINAGE AREA:	4+ ACRE	4+ ACRE

DEPARTMENT OF PUBLIC WORKS  
CITY OF ROCHESTER, MINNESOTA

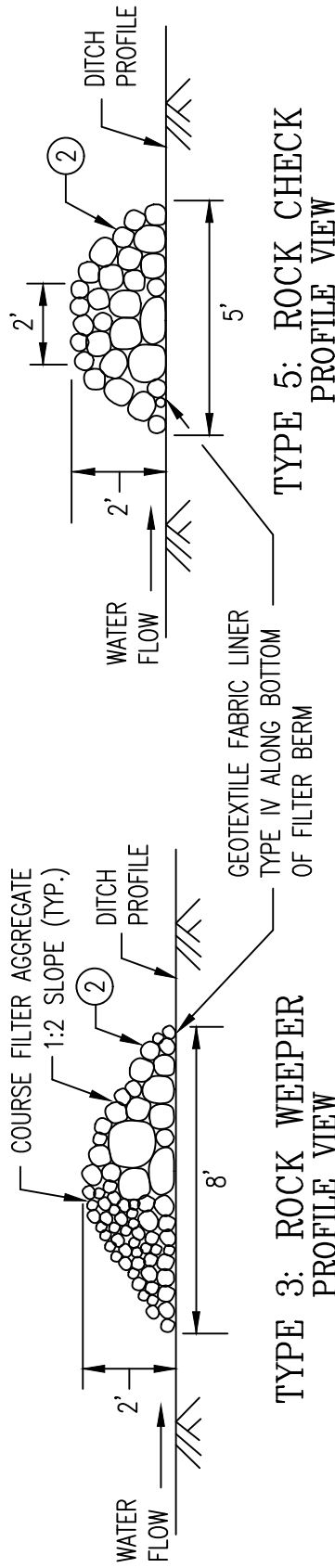
**TEMP. SEDIMENT CONTROL  
FILTER BERMS**

*Dylan S. Dahl*  
CITY ENGINEER

SHT 1 OF 2 SHTS	DATE REVISED 4/15/21	PLATE NO. 7-03	REV. E
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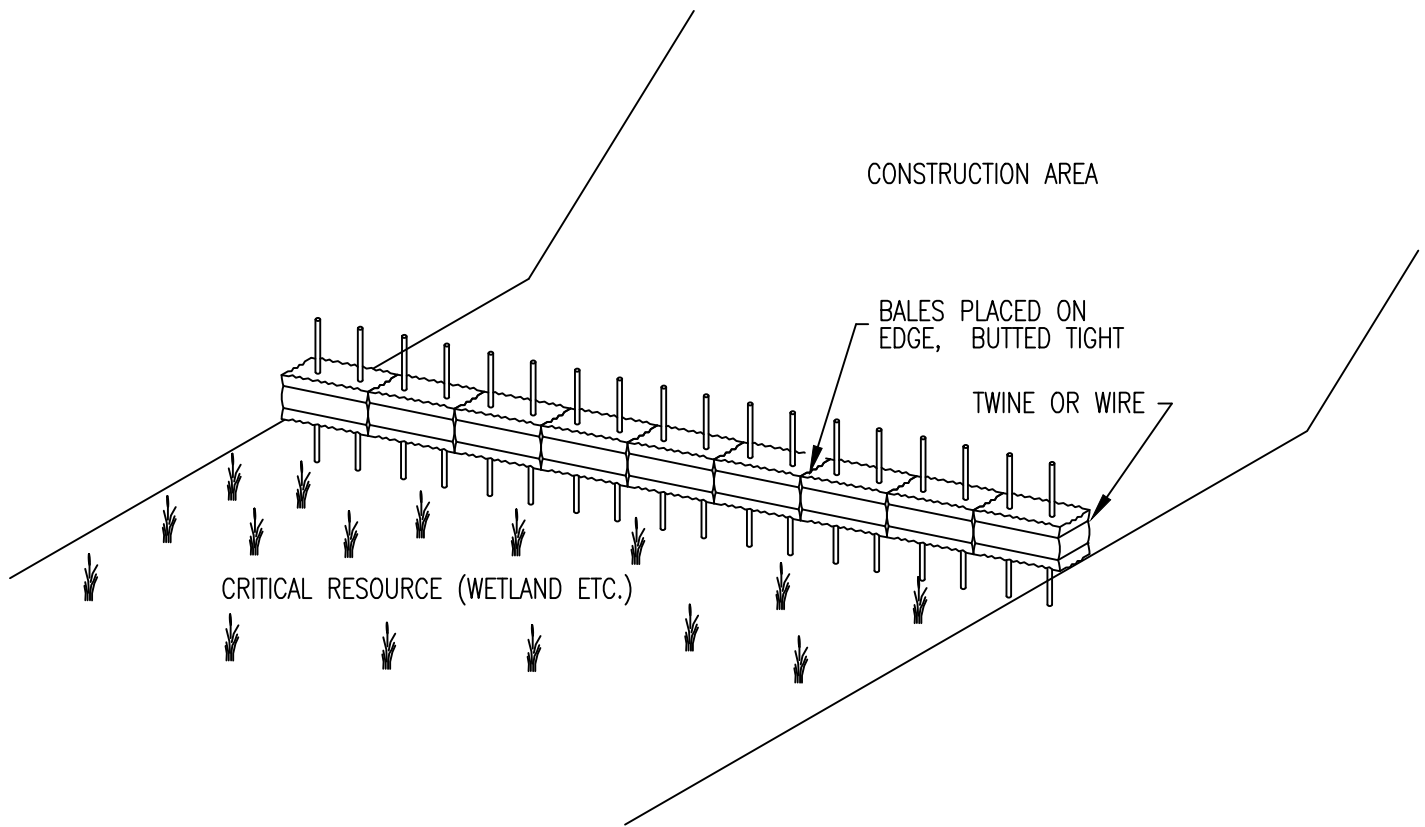
**CROSS SECTION (ROCK WEEPER AND ROCK CHECK) (3) (4)**  
 (ONLY FOR USE OUTSIDE OF CLEAR ZONE)



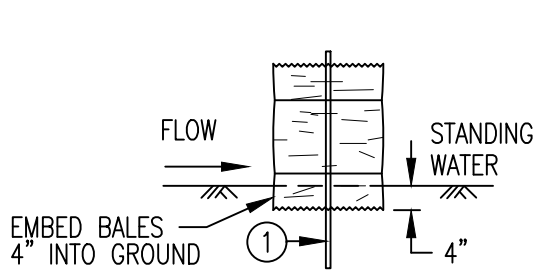
**NOTES**

- SEE MN/DOT SPECS. 2573, 3601, 3733, & 3874.  
SEE SHEET 1 FOR DITCH CHECK SPACING.
- ① POINT "A" MUST BE A MINIMUM OF 6 INCHES HIGHER THAN POINT "B" TO ENSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS.
- ② RIPRAP (MN/DOT SPEC. 3601) ROCK WEEPER - CLASS I, ROCK CHECK - CLASS II
- ③ ROCK DITCH CHECKS PLACED WITHIN THE CLEAR ZONE ARE TO BE 18" OR LESS IN HEIGHT. A 1:6 APPROACH AND DEPARTURE SLOPE SHALL BE PROVIDED.
- ④ DITCH GRADE 3%-5% MAX. FLOW VELOCITY 12 FT./SEC.

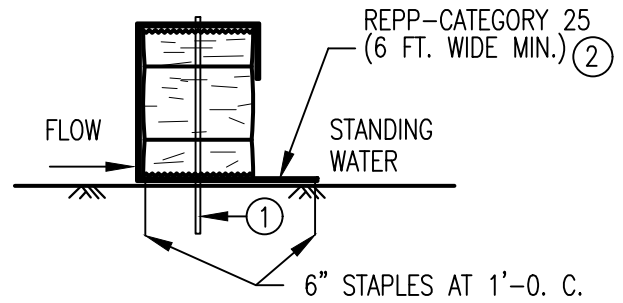
DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA <b>TEMP. SEDIMENT CONTROL          TYPES 3 &amp; 5 DITCH CHECKS</b>			
 CITY ENGINEER			
SHT 2 OF 2 SHTS	DATE REVISED 4/15/21	PLATE NO. 7-03	REV. E



**BALE BARRIERS**  
TO BE USED FOR CRITICAL PERIMETER CONTROL AREAS



**EMBEDMENT METHOD**



**REPP (BLANKET) METHOD  
(ALTERNATE)**

**BALE BARRIER DETAIL ③**  
APPROX. BALE SIZE: 14" X 18" X 36" LONG

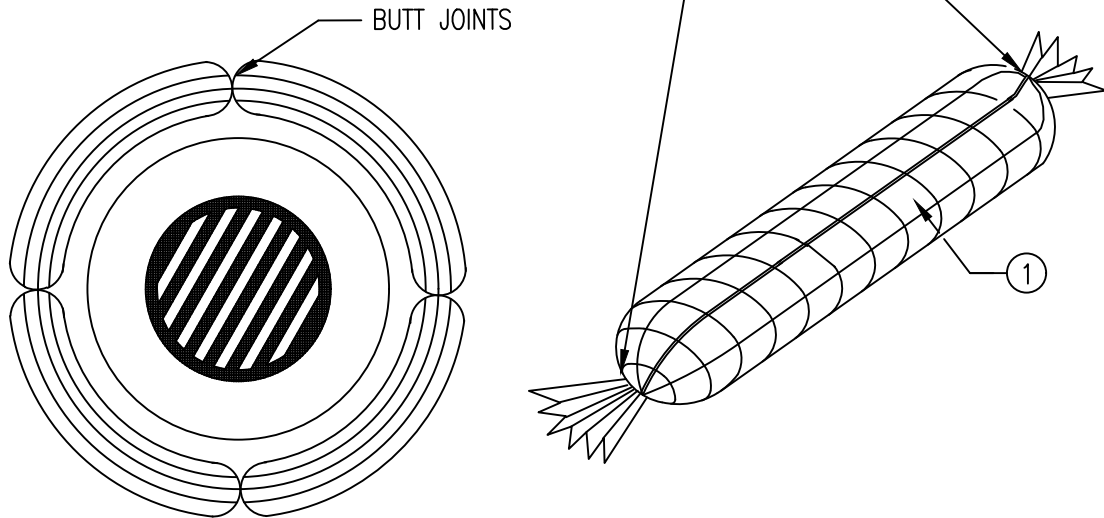
**NOTES**

- SEE MN/DOT SPEC. 2573
- ① TWO 2" X 2" WOOD STAKES OR REINFORCING BARS IN EACH BALE EMBEDDED 10" MINIMUM IN THE GROUND.
- ② INSTEAD OF TRENCHING, PLACE BALE ON THE REPP (BLANKET) AND WRAP BLANKET AROUND THE BALE. PLACE STAKE THROUGH BALE AND BLANKET.
- ③ TO BE USED FOR CRITICAL PERIMETER CONTROL AREAS WHERE STANDING WATER OCCURS (6" MAXIMUM DEPTH). BALES SHALL CONSIST OF TYPE 1 MULCH OF APPROX. 14" X 18" X 36" LONG. BALES SHALL BE PLACED ON EDGE AND BUTTED TIGHT TO ADJACENT BALES.

REPP=ROLLED EROSION PREVENTION PRODUCT

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA			
<b>BALE BARRIERS</b>			
<i>Dimitri S. Dahl</i> CITY ENGINEER			
SHT 1 OF 1 SHTS	DATE REVISED 4/15/21	PLATE NO. 7-04	REV. E

ENDS SECURELY CLOSED TO PREVENT LOSS OF OPEN GRADED AGGREGATE FILL. SECURED WITH 50 PSI. ZIP TIE.

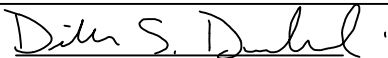


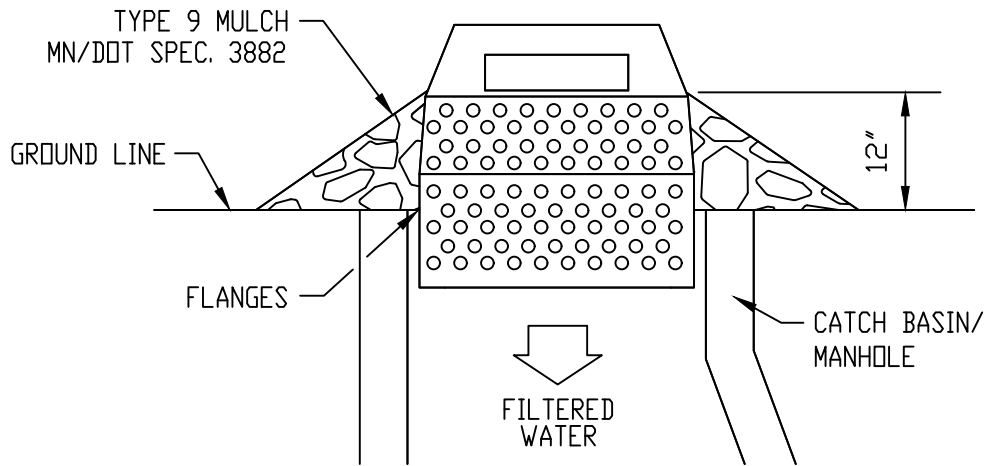
**NOTES**

SEE MN/DOT SPEC. 2573

MANUFACTURED ALTERNATIVES LISTED ON MN/DOT'S APPROVED PRODUCTS LIST MAY BE SUBSTITUTED.

- ① GEOTEXTILE SOCK BETWEEN 4-10 FEET LONG AND 4-6 INCH DIAMETER. THE SEAM IS TO BE JOINED BY TWO ROWS OF STITCHING WITH A PLASTIC MESH BACKING OR PROVIDE A HEAT BONDED SEAM (OR APPROVED EQUIVALENT). FILL ROCK LOG WITH OPEN GRADED AGGREGATE CONSISTING OF SOUND DURABLE PARTICLES OF COARSE AGGREGATE CONFORMING TO MN/DOT SPEC. 3137 TABLE 3137-1; CA-3 GRADATION.

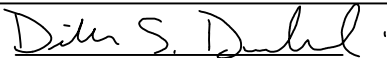
DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA <b>INLET PROTECTION-          ROCK LOG/COMPOST LOG</b>			
 CITY ENGINEER			
SHT 1 OF 5 SHTS	DATE REVISED 4/15/21	PLATE NO. 7-05	REV. E

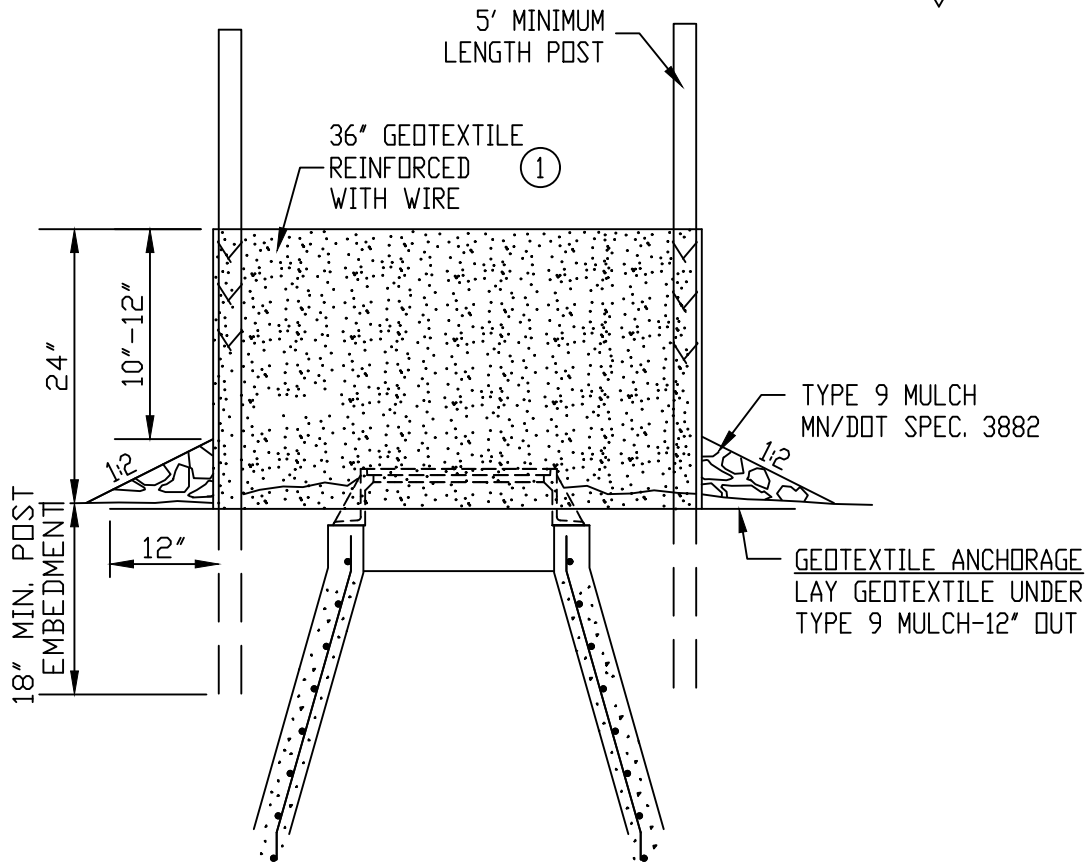
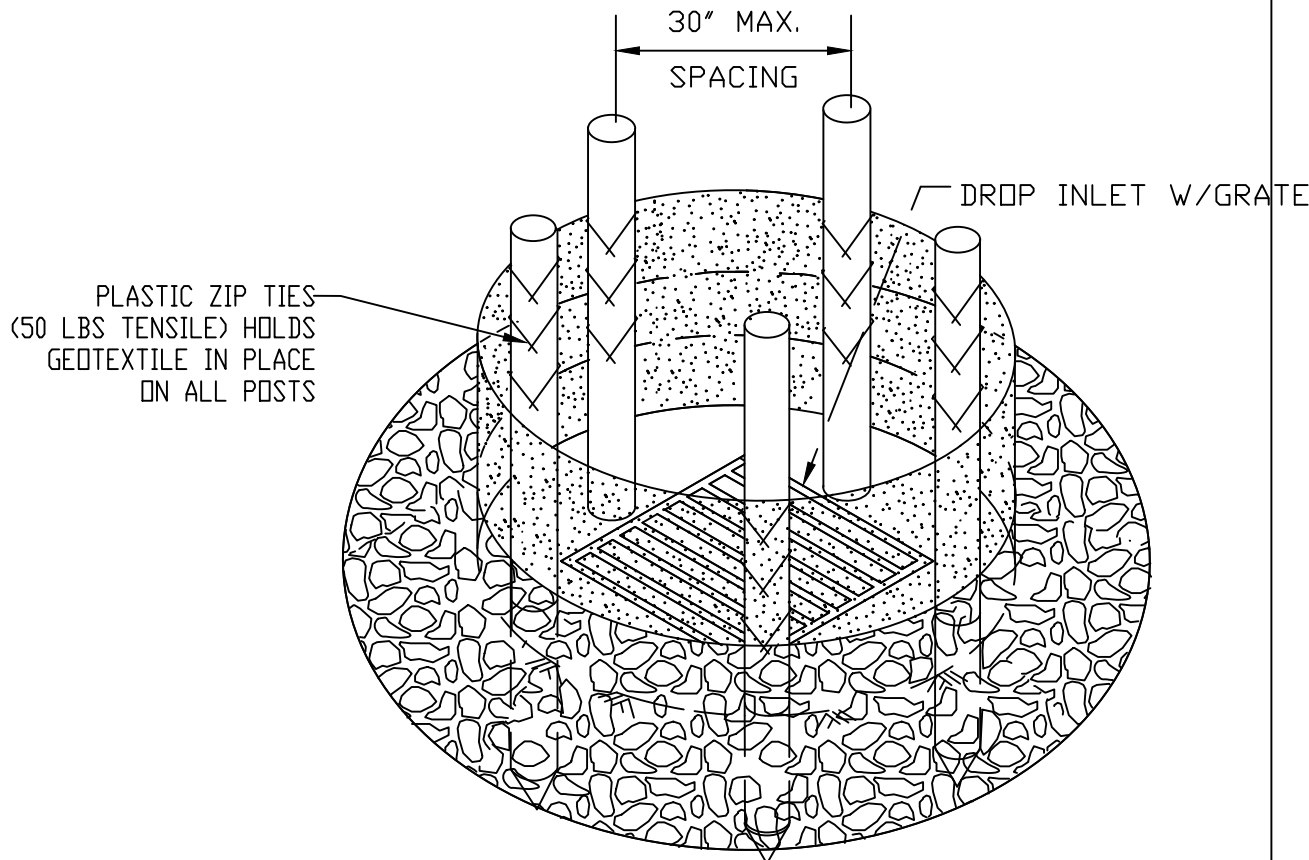


### SEDIMENT CONTROL INLET HAT

**NOTE:**

THE SEDIMENT CONTROL BARRIER SHALL BE A METAL OR PLASTIC/POLYETHYLENE RISER SIZED TO FIT INSIDE THE CATCH BASIN/MANHOLE; HAVE PERFORATIONS TO ALLOW FOR WATER INFILTRATION; HAVE AN OVERFLOW OPENING, FLANGES AND A LID/COVER.

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA <b>INLET PROTECTION—</b> <b>SEDIMENT CONTROL INLET HAT</b>			
 CITY ENGINEER			
SHT 2 OF 5 SHTS	DATE REVISED 4/15/21	PLATE NO. 7-05	REV. E



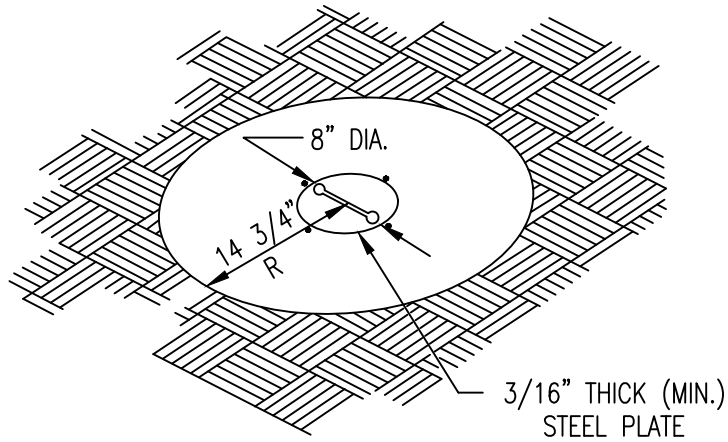
**NOTES:**

- ① ALL GEOTEXTILE USED FOR INLET PROTECTION SHALL BE MONOFILAMENT IN BOTH DIRECTIONS, MEETING MN/DOT SPEC. 3886.
2. USE WHERE INLET DRAINS AN AREA WITH SLOPES AT 1:3 OR LESS.

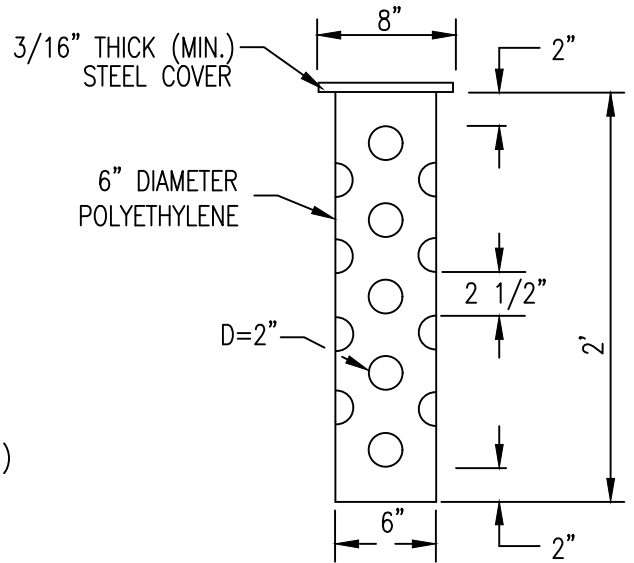
DEPARTMENT OF PUBLIC WORKS  
 CITY OF ROCHESTER, MINNESOTA  
**INLET PROTECTION—  
 SILT FENCE RING &  
 ROCK FILTER BERM**

*Dylan S. Dahl*  
 CITY ENGINEER

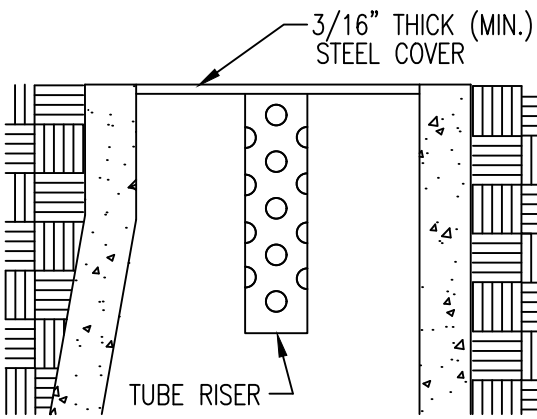
SHT 3 OF 5 SHTS	DATE REVISED 4/15/21	PLATE NO. 7-05	REV. E
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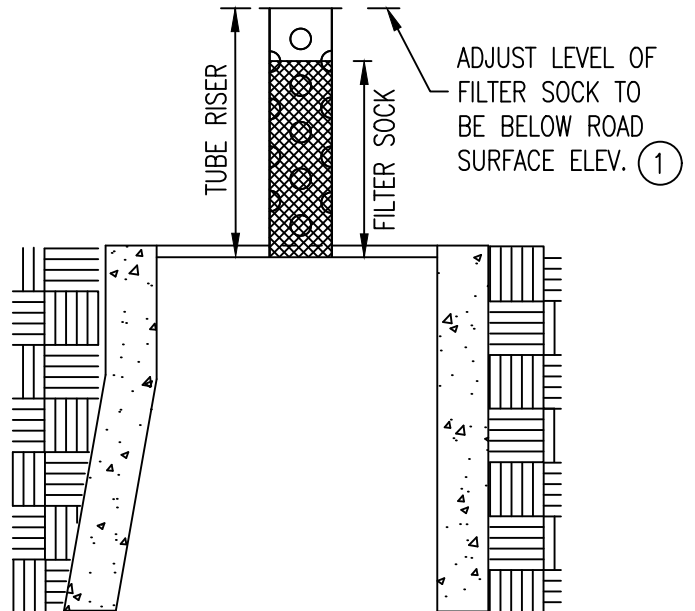
PERSPECTIVE VIEW



TUBE RISER



SECTION  
(DOWN POSITION)



SECTION  
(UP POSITION)

**NOTES**

SEE MN/DOT SPEC. 2573

- ① SOCK HEIGHT MUST NOT BE SO HIGH AS TO SLOW DOWN WATER FILTRATION TO CAUSE FLOODING OF THE ROADWAY.

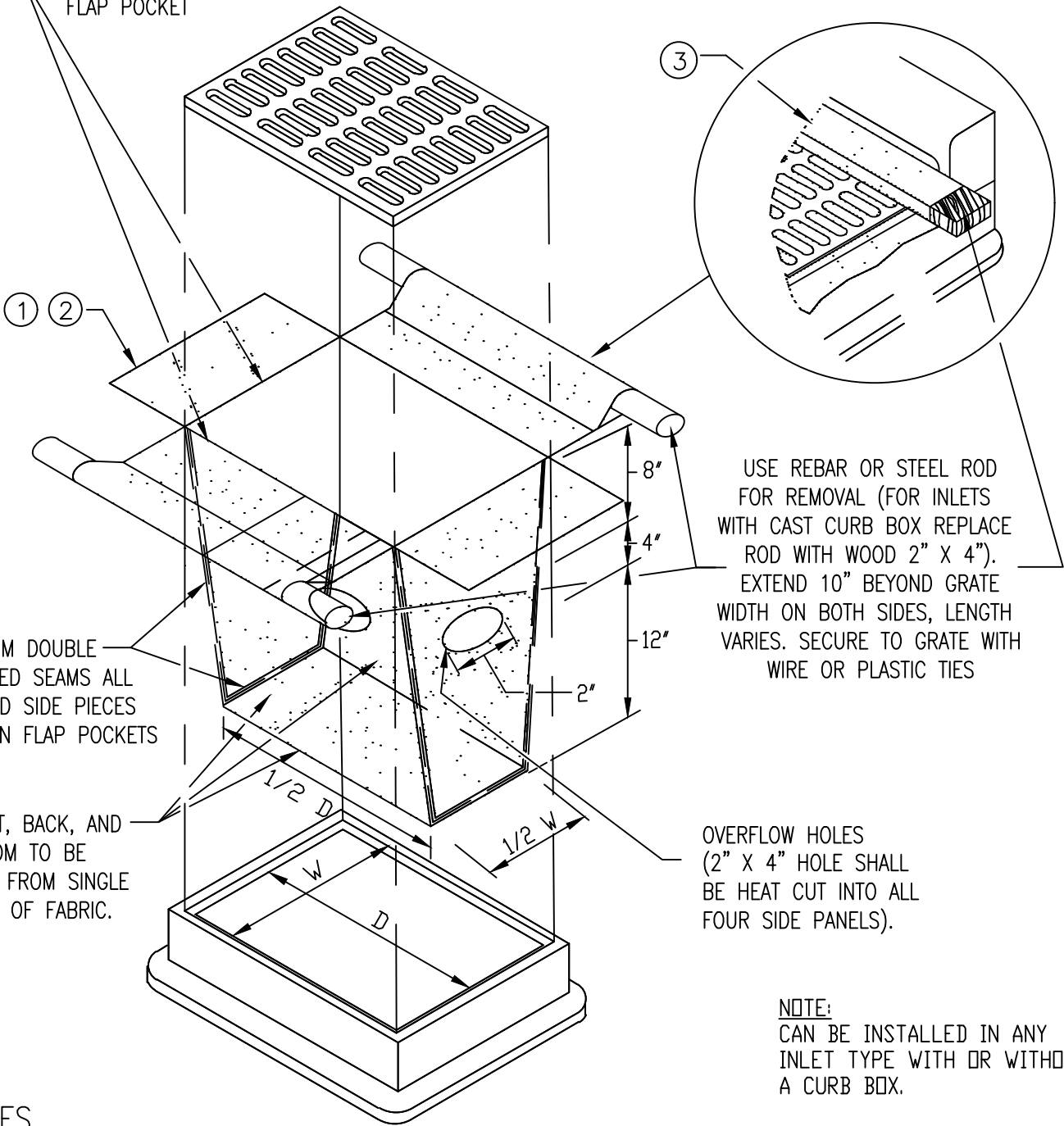
DEPARTMENT OF PUBLIC WORKS  
CITY OF ROCHESTER, MINNESOTA  
**INLET PROTECTION—  
POP-UP HEAD**

*Dylan S. Dahl*  
CITY ENGINEER

SHT 4 OF 5 SHTS	DATE REVISED 4/15/21	PLATE NO. 7-05	REV. E
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INLET SPECIFICATIONS AS PER THE PLAN  
DIMENSION LENGTH AND WIDTH TO MATCH  
FLAP POCKET



USE REBAR OR STEEL ROD FOR REMOVAL (FOR INLETS WITH CAST CURB BOX REPLACE ROD WITH WOOD 2" X 4"). EXTEND 10" BEYOND GRATE WIDTH ON BOTH SIDES, LENGTH VARIES. SECURE TO GRATE WITH WIRE OR PLASTIC TIES

MINIMUM DOUBLE STITCHED SEAMS ALL AROUND SIDE PIECES AND ON FLAP POCKETS

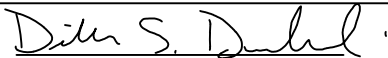
FRONT, BACK, AND BOTTOM TO BE MADE FROM SINGLE PIECE OF FABRIC.

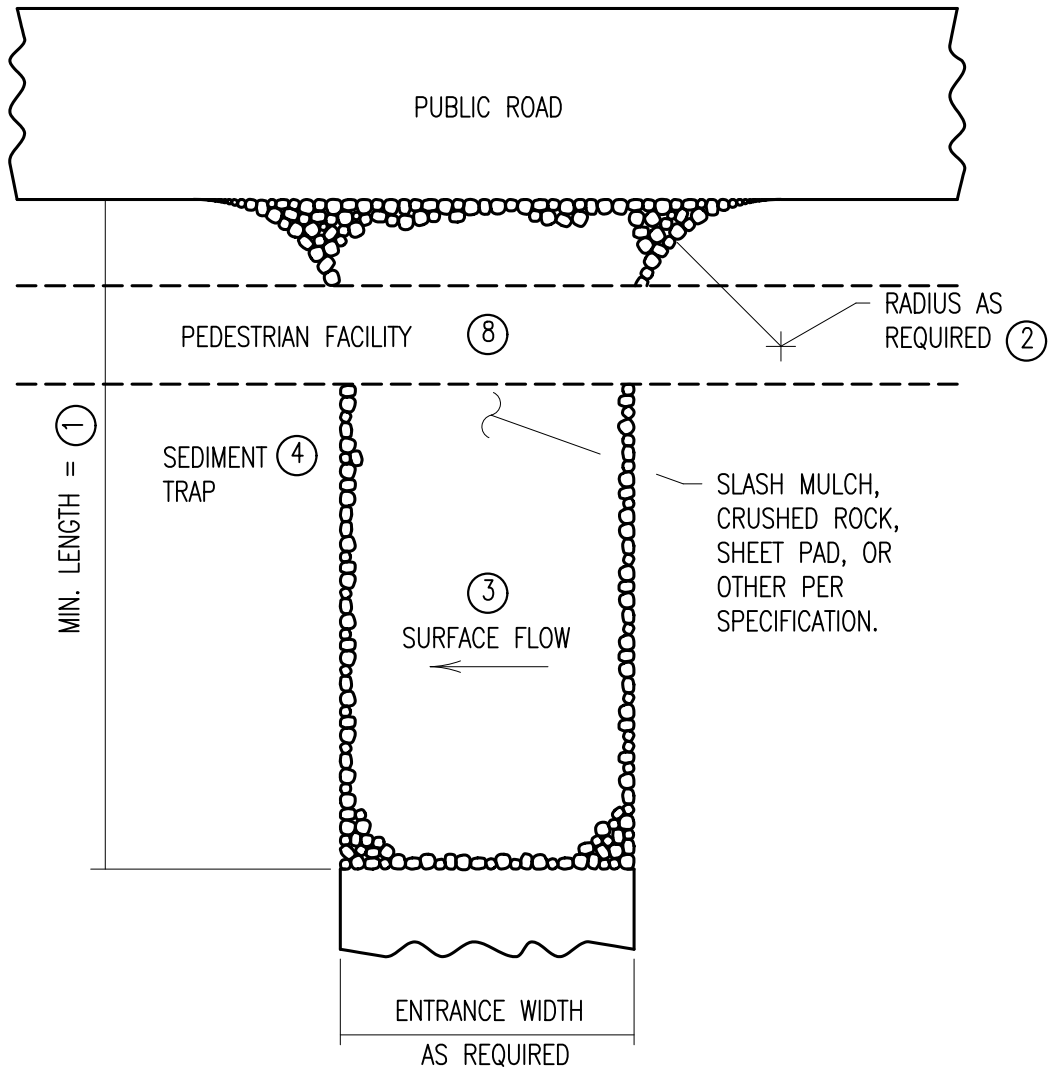
OVERFLOW HOLES (2" X 4" HOLE SHALL BE HEAT CUT INTO ALL FOUR SIDE PANELS).

**NOTE:**  
CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX.

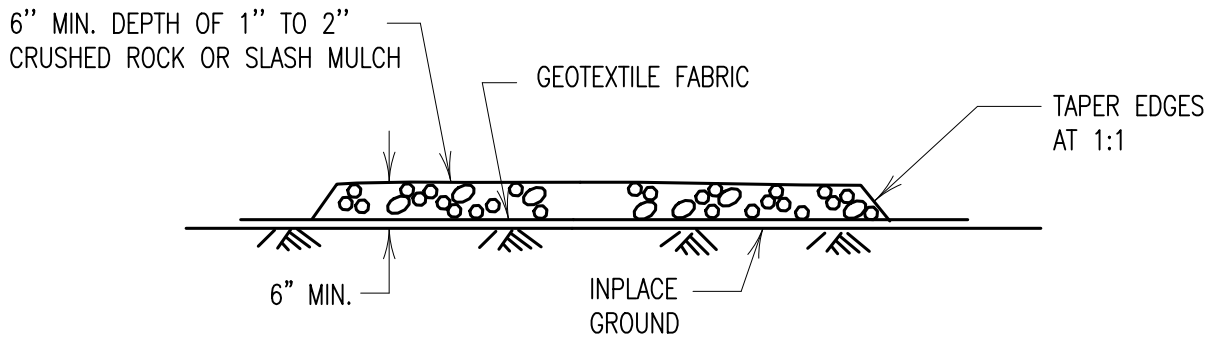
**NOTES**

- ① ALL GEOTEXTILE USED FOR INLET PROTECTION SHALL BE MONOFILAMENT IN BOTH DIRECTIONS, MEETING MN/DOT SPEC. 3886.
- ② FINISHED SIZE, INCLUDING POCKETS WHERE REQUIRED SHALL EXTEND A MINIMUM OF 10 INCHES AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- ③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2 IN. X 4 IN. OR USE A ROCK SOCK OR SAND BAGS IN PLACE OF THE FLAP POCKETS.
- 4 INSTALLATION NOTES: DO NOT INSTALL FILTER BAG INSERT IN INLETS SHALLOWER THAN 30 IN., MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE. THE PLACED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE OF 3" BETWEEN THE INLET WALLS AND THE BAG MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES. WHERE NECESSARY THE CONTRACTOR SHALL CLINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" SIDE CLEARANCE.

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA <b>INLET PROTECTION-                  FILTER BAG INSERT</b>			
 CITY ENGINEER			
SHT 5 OF 5 SHTS	DATE REVISED 4/15/21	PLATE NO. 7-05	REV. E



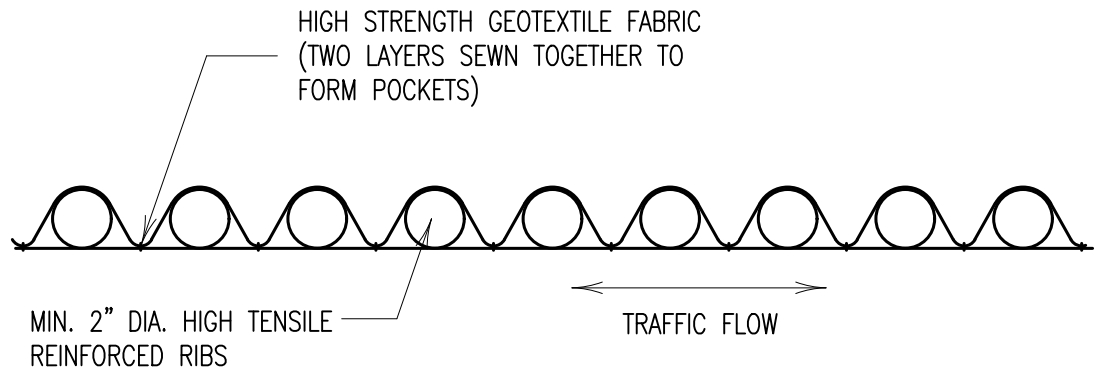
SLASH MULCH, CRUSHED ROCK, OR SHEET PAD CONSTRUCTION EXIT (5) (7)



SLASH MULCH OR CRUSHED ROCK

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA <b>SLASH MULCH, CRUSHED ROCK,          OR SHEET PAD          CONSTRUCTION EXITS</b>			
<i>Dylan S. Dahl</i> CITY ENGINEER			
SHT 1 OF 3 SHTS	DATE REVISED 1/1/23	PLATE NO. 7-06	REV. F

SEE SHEET 2 OF 3 FOR DETAIL NOTES

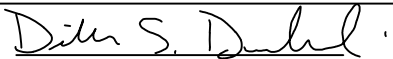


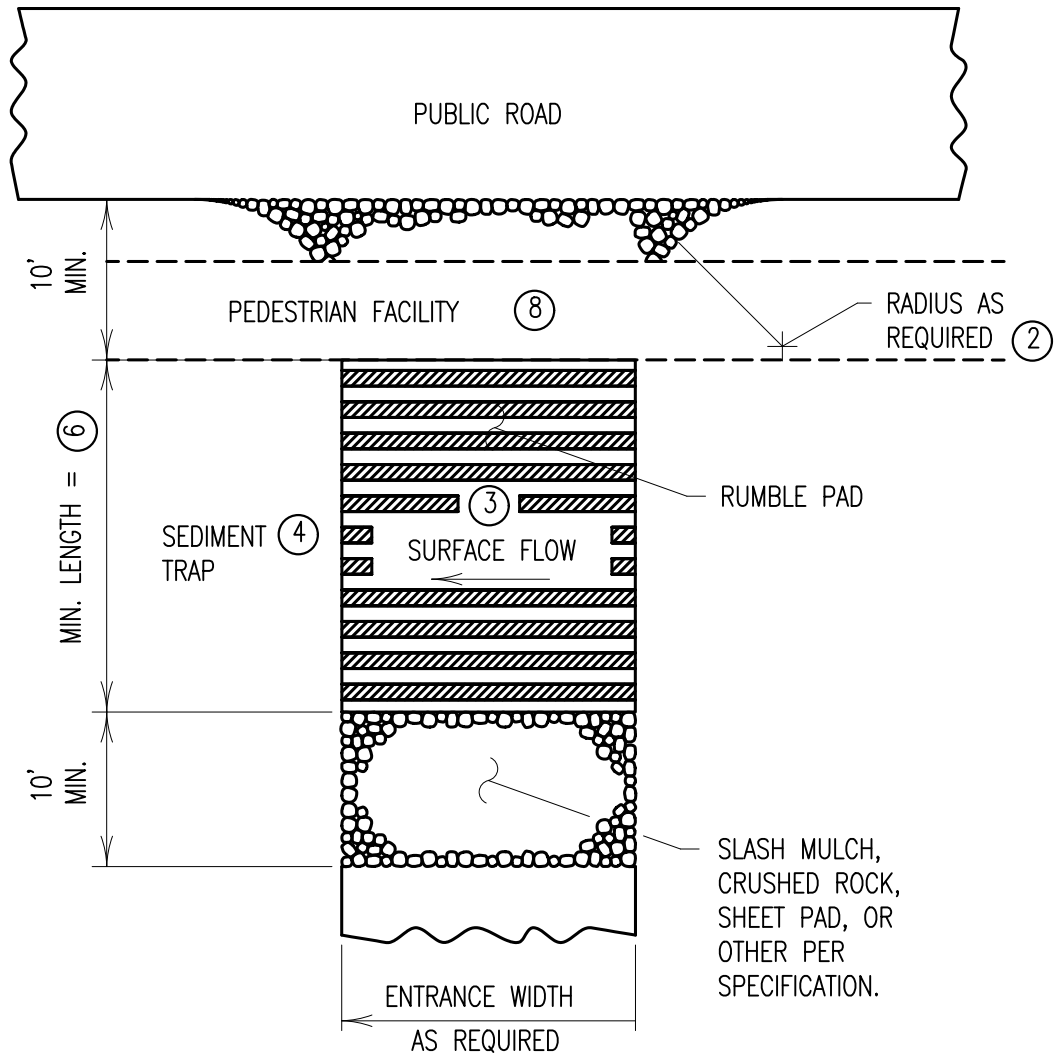
**SHEET PAD**

**NOTES:**

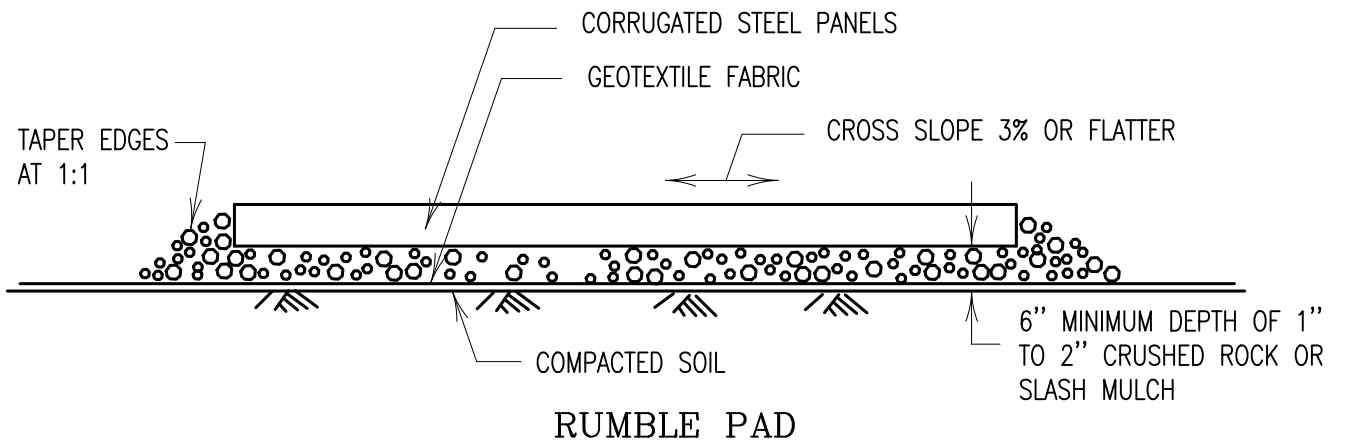
SEE MN/DOT SPECS. 2573 & 3882.

- ① MINIMUM LENGTH SHALL BE THE GREATER OF 50 FEET OR A LENGTH SUFFICIENT TO ALLOW A MINIMUM OF 5 TIRE ROTATIONS ON THE PROVIDED PAD. MINIMUM LENGTH SHALL BE CALCULATED USING THE LARGEST TIRE WHICH WILL BE USED IN TYPICAL OPERATIONS.
- ② PROVIDE RADIUS OR WIDEN PAD SUFFICIENTLY TO PREVENT VEHICLE TIRES FROM TRACKING OFF OF PAD WHEN LEAVING SITE.
- ③ IF RUNOFF FROM DISTURBED AREAS FLOWS TOWARD CONSTRUCTION EXITS, PREVENT RUNOFF FROM DRAINING DIRECTLY TO PUBLIC ROAD OVER CONSTRUCTION EXIT BY CROWNING THE EXIT OR SLOPING TO ONE SIDE. IF SURFACE GRADING IS INSUFFICIENT, PROVIDE OTHER MEANS OF INTERCEPTING RUNOFF.
- ④ IF RUNOFF FROM CONSTRUCTION EXITS WILL DRAIN OFF OF PROJECT SITE, PROVIDE SEDIMENT TRAP WITH STABILIZED OVERFLOW.
- ⑤ IF A TIRE WASH OFF IS REQUIRED THE CONSTRUCTION EXITS SHALL BE GRADED TO DRAIN THE WASH WATER TO A SEDIMENT TRAP.
- ⑥ MINIMUM LENGTH OF RUMBLE PAD SHALL BE 20 FEET, OR AS REQUIRED TO REMOVE SEDIMENT FROM TIRES. IF SIGNIFICANT SEDIMENT IS TRACKED FROM THE SITE, THE RUMBLE PAD SHALL BE LENGTHENED OR THE DESIGN MODIFIED TO PROVIDE ADDITIONAL VIBRATION. WASH-OFF LENGTH SHALL BE AS REQUIRED TO EFFECTIVELY REMOVE CONSTRUCTION SEDIMENT FROM VEHICLE TIRES.
- ⑦ MAINTENANCE OF CONSTRUCTION EXITS SHALL OCCUR WHEN THE EFFECTIVENESS OF SEDIMENT REMOVAL HAS BEEN REDUCED. MAINTENANCE SHALL CONSIST OF REMOVING SEDIMENT AND CLEANING THE MATERIALS OR PLACING ADDITIONAL MATERIAL (SLASH MULCH OR CRUSHED ROCK) OVER SEDIMENT FILLED MATERIAL TO RESTORE EFFECTIVENESS.
- ⑧ EXISTING PEDESTRIAN FACILITY SHALL BE MAINTAINED TO PROVIDE A PASSABLE SURFACE FOR PEDESTRIANS.
9. CLEAN PAVED STREETS AND PEDESTRIAN FACILITIES AT THE END OF EACH WORKING DAY, OR MORE FREQUENTLY AS NECESSARY TO PROVIDE SAFETY TO THE TRAVELING PUBLIC.

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA <b>TEMP. SEDIMENT CONTROL          CONSTRUCTION EXITS</b>			
 CITY ENGINEER			
SHT 2 OF 3 SHTS	DATE REVISED 1/1/23	PLATE NO. 7-06	REV. F



**RUMBLE PAD  
CONSTRUCTION EXIT (5)(7)**

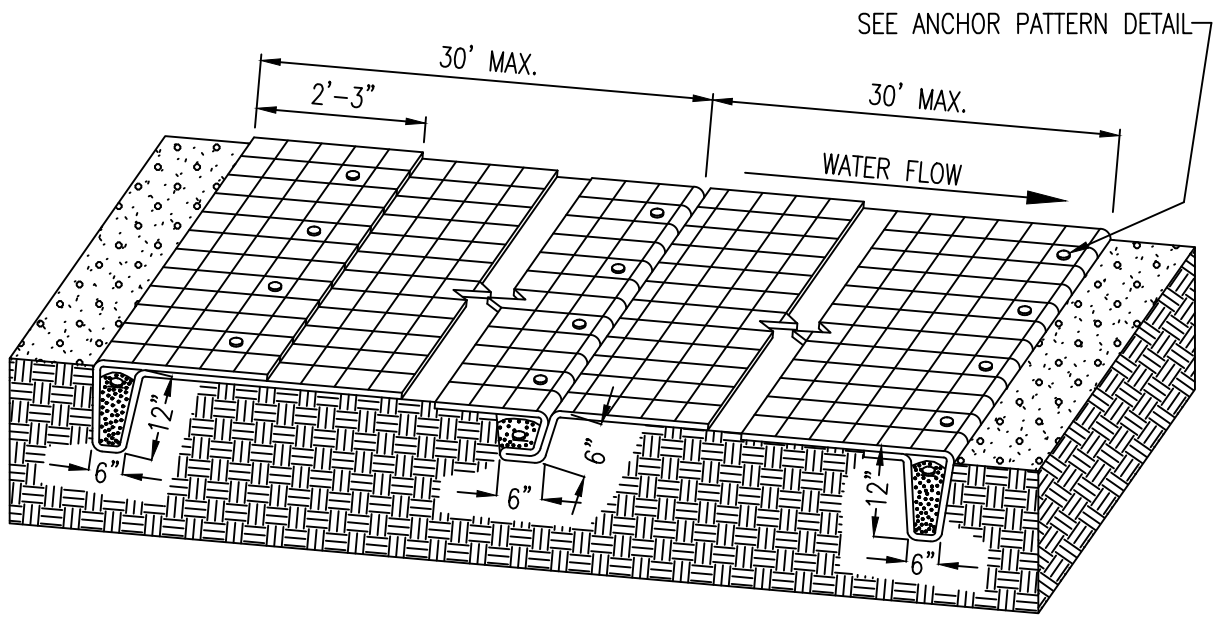


DEPARTMENT OF PUBLIC WORKS  
CITY OF ROCHESTER, MINNESOTA  
**RUMBLE PAD  
CONSTRUCTION EXITS**

*Dylan S. Dahl*  
CITY ENGINEER

SEE SHEET 2 OF 3 FOR DETAIL NOTES

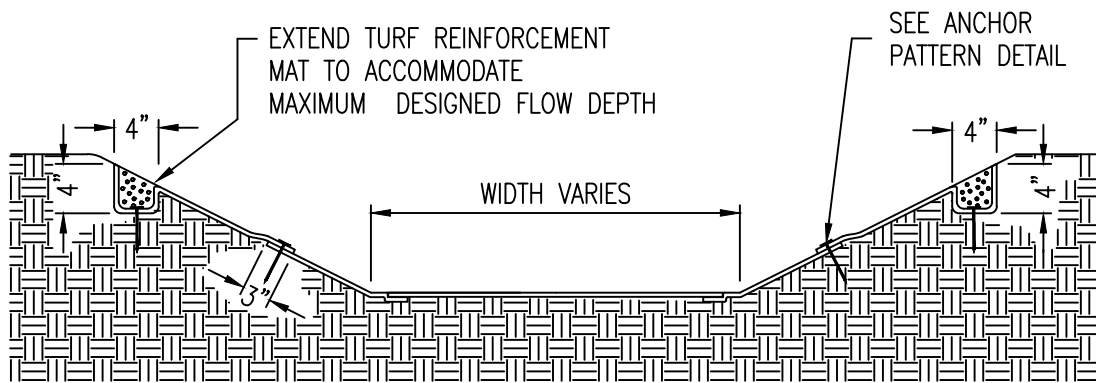
SHT 3 OF 3 SHTS	DATE REVISED 1/1/23	PLATE NO. 7-06	REV. F
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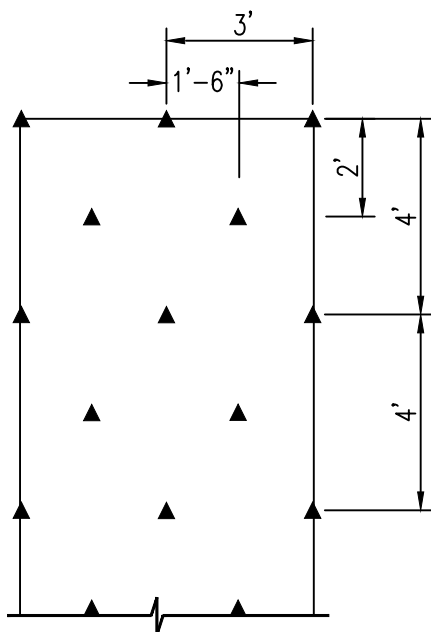
TERMINAL CHANNEL  
ANCHOR TRENCH

INTERMITTENT  
CHECK SLOT

INITIAL CHANNEL  
ANCHOR TRENCH

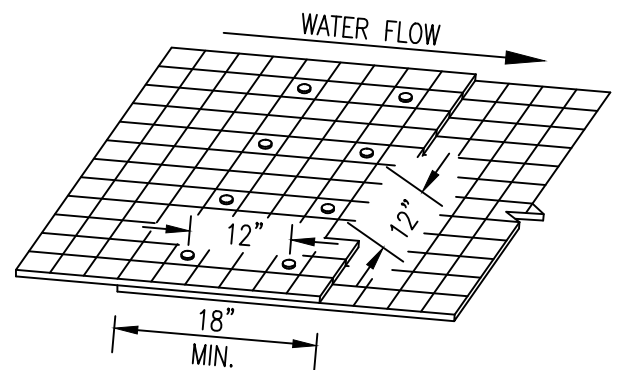


TYPICAL CHANNEL LAYOUT



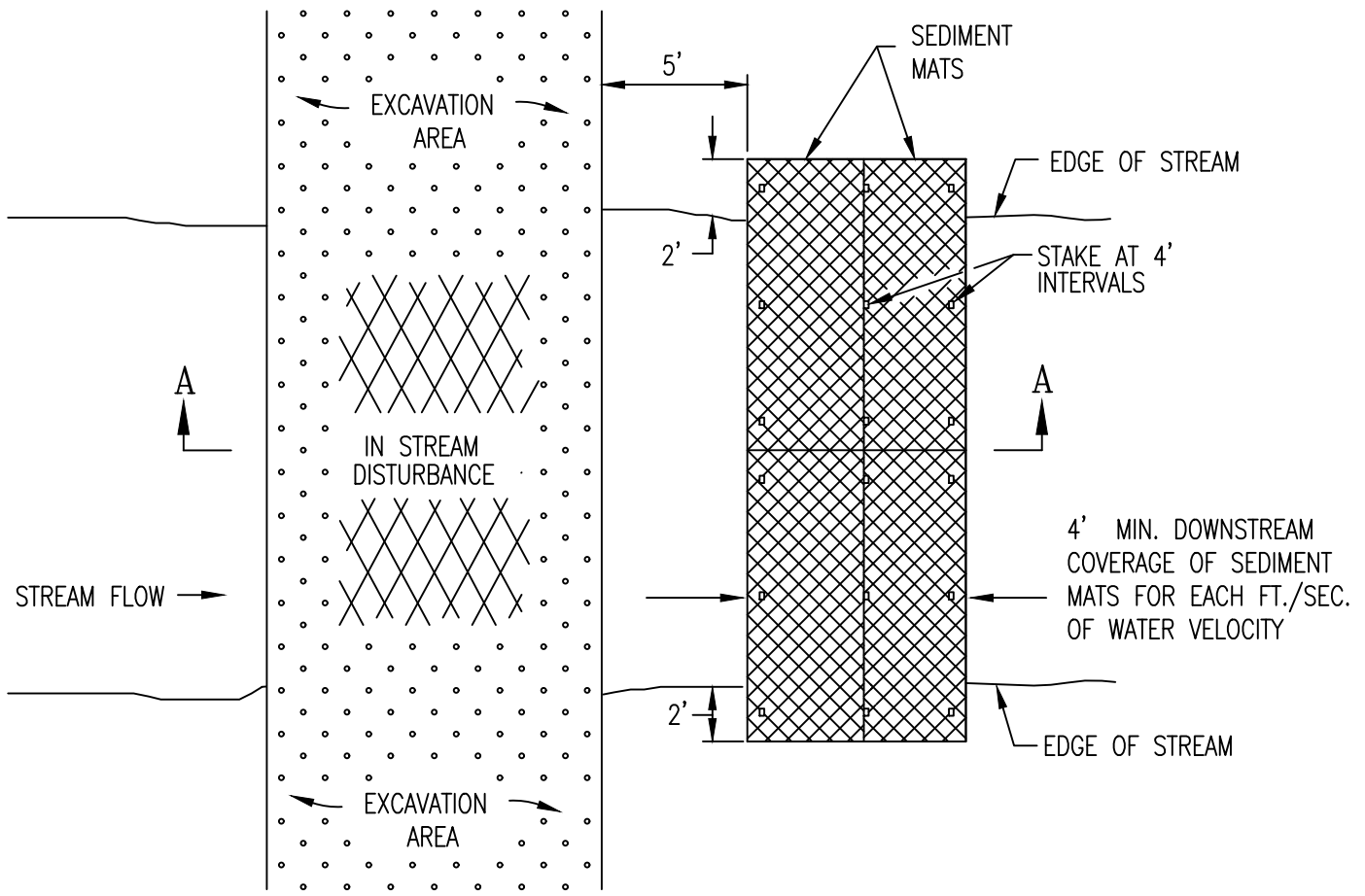
ANCHOR PATTERN

PATTERN AS SHOWN OR PER MANUFACTURER REQUIREMENTS, WHICHEVER IS MORE STRINGENT.

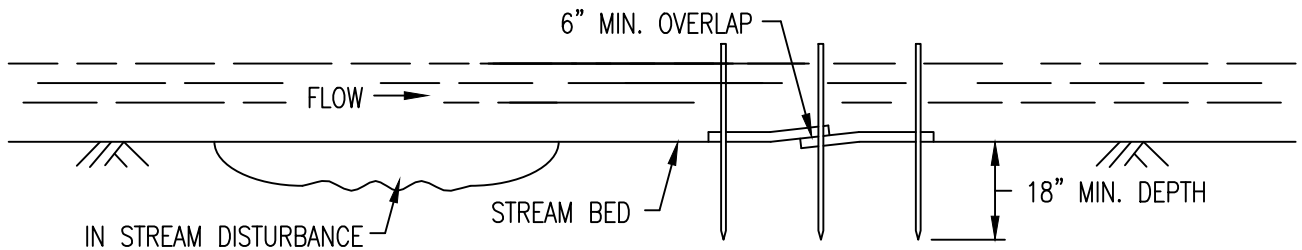


ANCHOR PATTERN  
AT LAP JOINTS

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA <b>TURF REINFORCEMENT          MAT FOR CHANNELS</b>			
<i>Douglas L. Nelson</i> ASST. CITY ENGINEER		<i>Reuel W. Frenn</i> DIRECTOR	
SHT 1 OF 1 SHTS	DATE REVISED 4/16/01	PLATE NO. 7-07	REV. A



PLAN VIEW



SECTION A-A

**DESIGN GUIDELINES:**

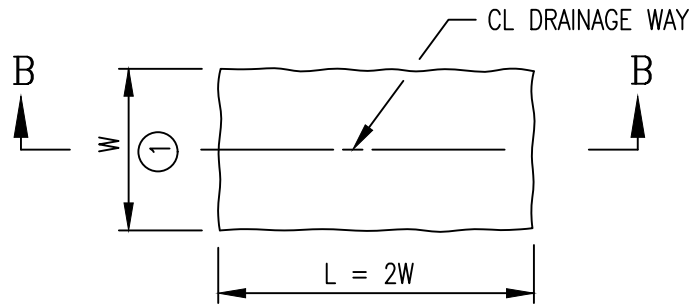
MAXIMUM FLOW VELOCITY: 5 FEET/SECOND  
 MAXIMUM FLOW DEPTH: 2 FEET

**NOTES**

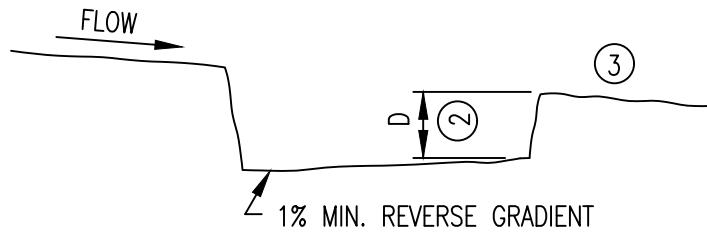
SEE MN/DOT SPEC. 2573

- ① THIS DETAIL MAY NOT BE ACCEPTABLE FOR WORK ON PUBLIC WATERS, SEE GENERAL PUBLIC WATERS PERMIT (GP) 2004-0001.

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA			
<b>SEDIMENT MAT</b>			
<i>Douglas Nelson</i> ASST. CITY ENGINEER		<i>Keith W. Frenn</i> DIRECTOR	
SHT 1 OF 1 SHTS	DATE REVISED 1/20/17	PLATE NO. 7-08	REV. B



PLAN



SECTION B-B

**NOTES**

SEE SPECS. 2573

- ① W=10 FEET MINIMUM, 20 FEET MAXIMUM
- ② D=2 FEET
- ③ LOCATION OF DOWNSTREAM TEMPORARY SEDIMENT CONTROL DEVICE.

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA			
<b>SEDIMENT TRAP DETAIL</b>			
<i>Douglas Nelson</i> ASST. CITY ENGINEER		<i>Reed W. Frenn</i> DIRECTOR	
SHT 1 OF 1 SHTS	DATE REVISED 6/15/07	PLATE NO. 7-09	REV. A