

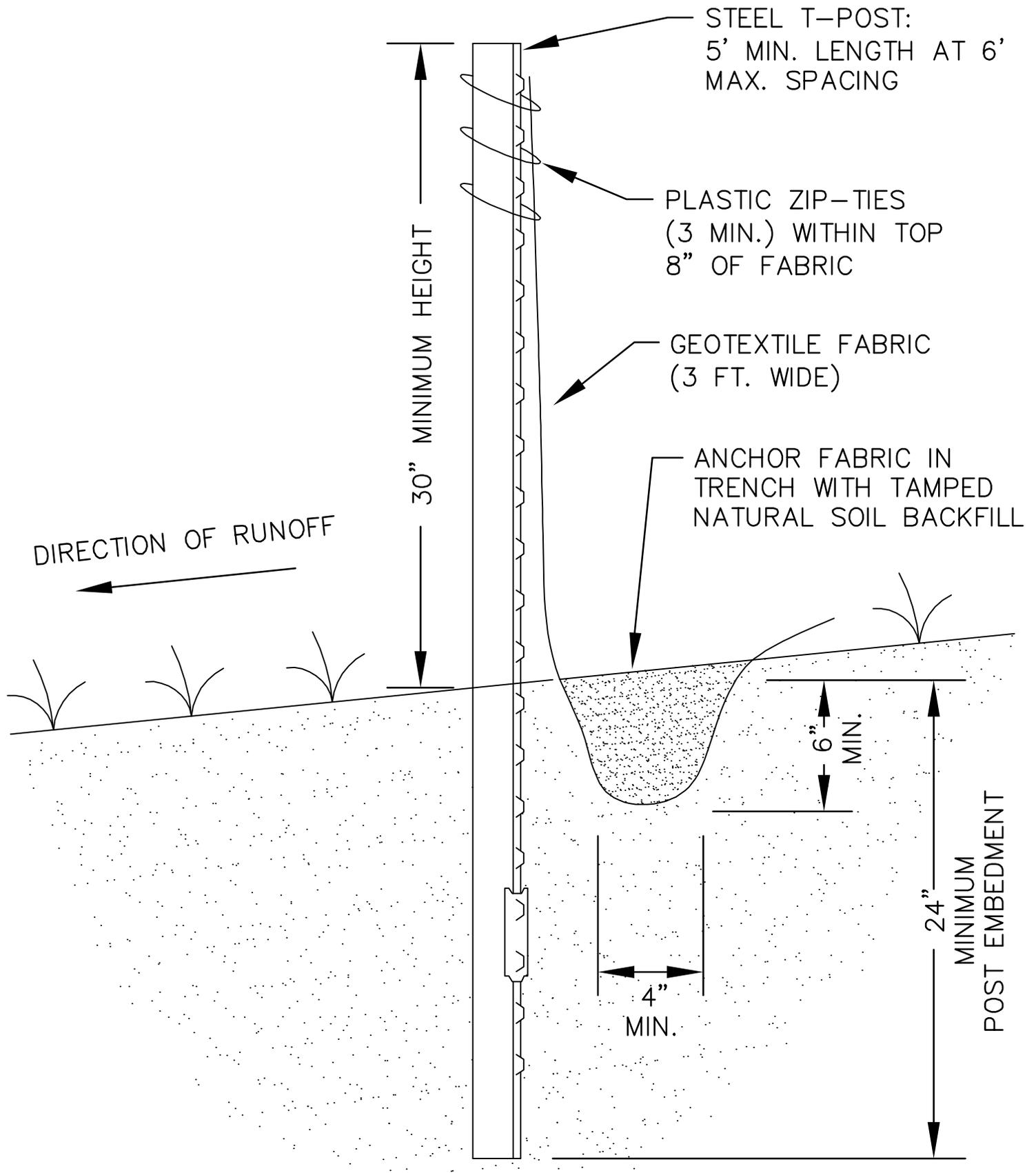
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CITY ENGINEER REG 23110

TEMPORARY WIMCO™
INLET PROTECTION
OR APPROVED EQUAL

City of Golden Valley

GV-EC-010



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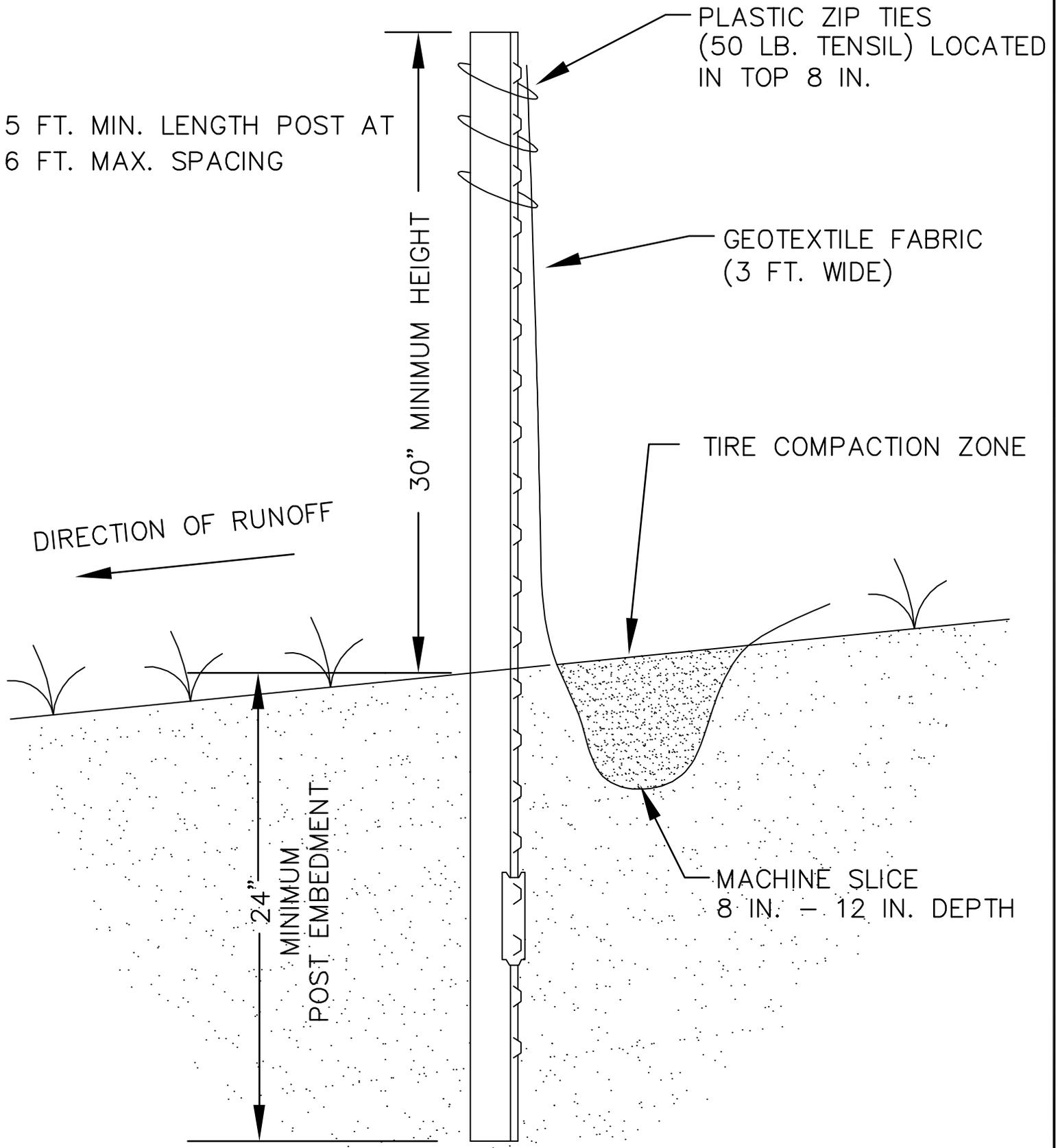
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CITY ENGINEER REG 23110

INSTALLATION OF HEAVY
DUTY SILT FENCE

City of
Golden Valley

GV-EC-020



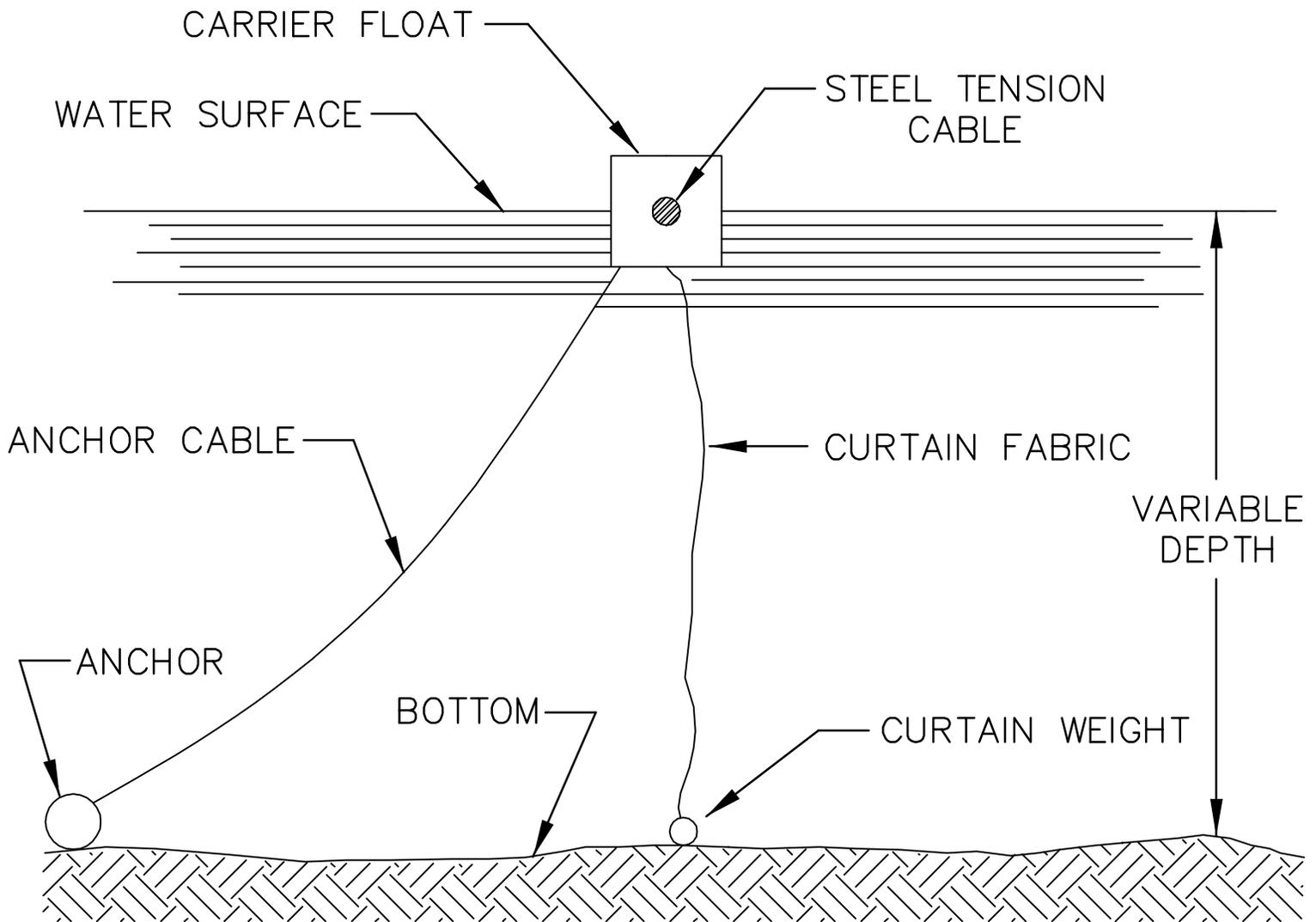
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INSTALLATION OF MACHINE
SLICED SILT FENCE

City of
Golden Valley

GV-EC-030



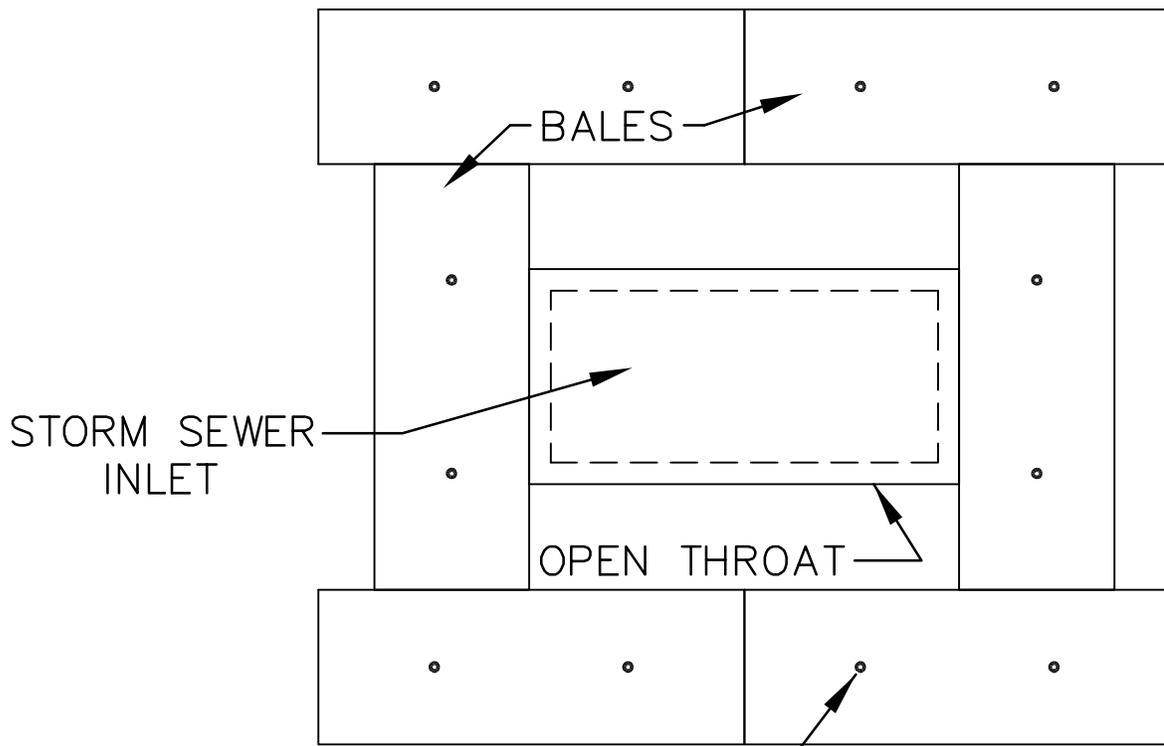
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FLOTATION SILT
CURTAIN

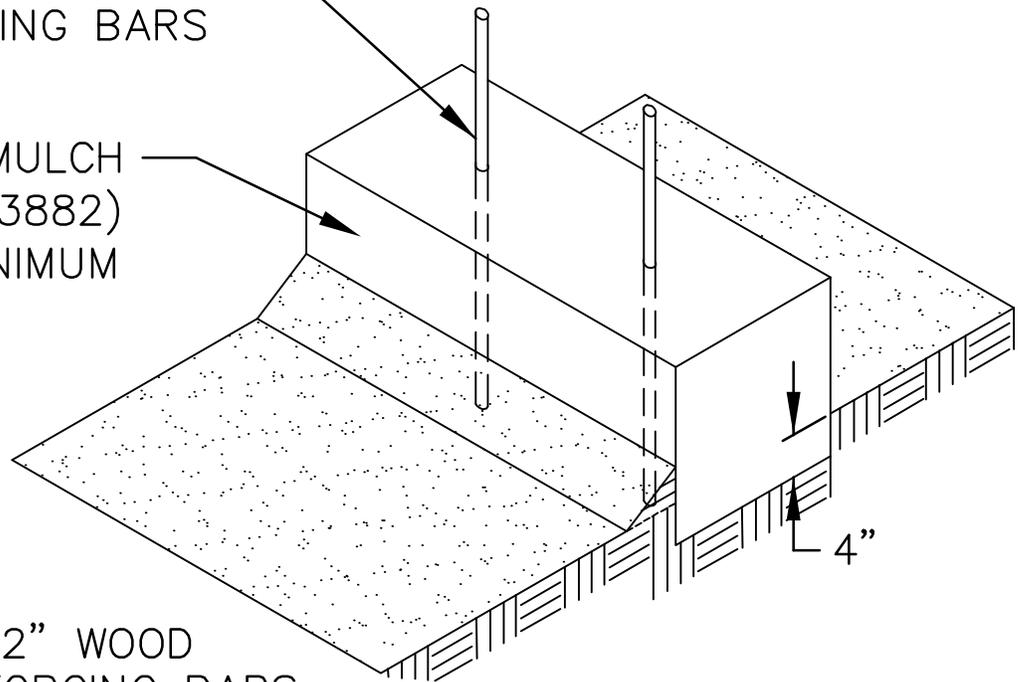
City of
Golden Valley

GV-EC-040



2" x 2" WOOD STAKES
OR REINFORCING BARS

BALE, TYPE 1 MULCH
(MNDOT SPEC. 3882)
14"x18"x36" MINIMUM



NOTE: TWO 2" x 2" WOOD
STAKES OR REINFORCING BARS
IN EACH BALE AND EMBEDDED IN
THE GROUND 10" MINIMUM DEPTH

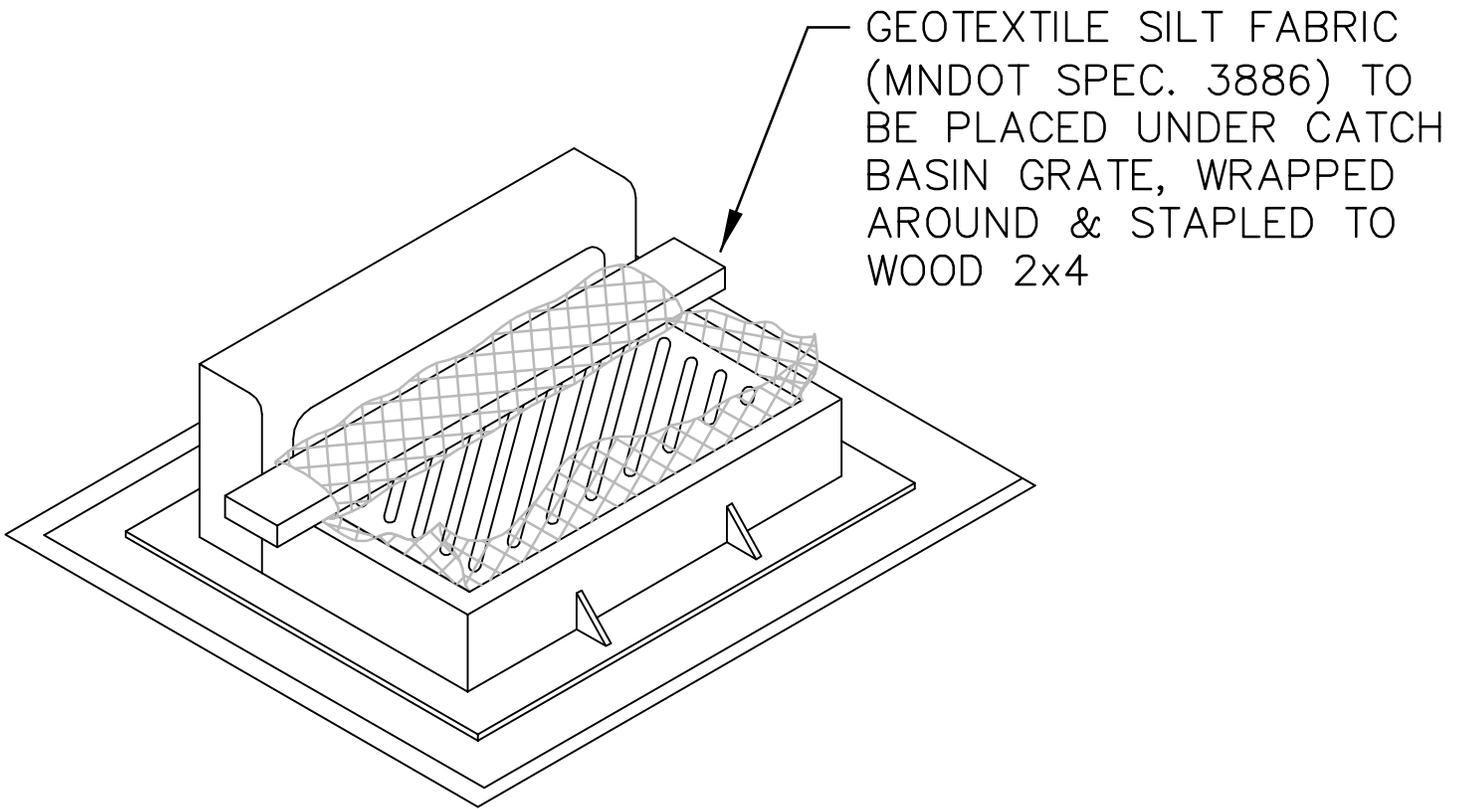
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BALE CHECK TO
PROTECT STORM
SEWER INLETS

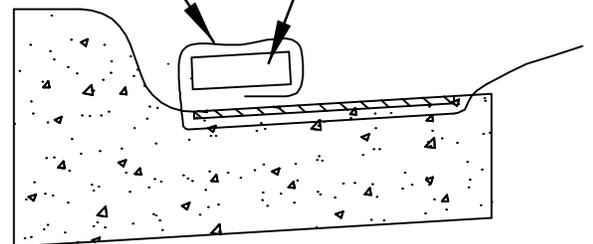
City of
Golden Valley

GV-EC-050



GEOTEXTILE SILT FABRIC (MNDOT SPEC. 3886)

WOOD 2x4



NOTE:
 THE CONTRACTOR SHALL PLACE AND MAINTAIN EROSION CONTROL AROUND CATCH BASINS AS DIRECTED BY ENGINEER UNTIL TURF HAS BEEN ESTABLISHED

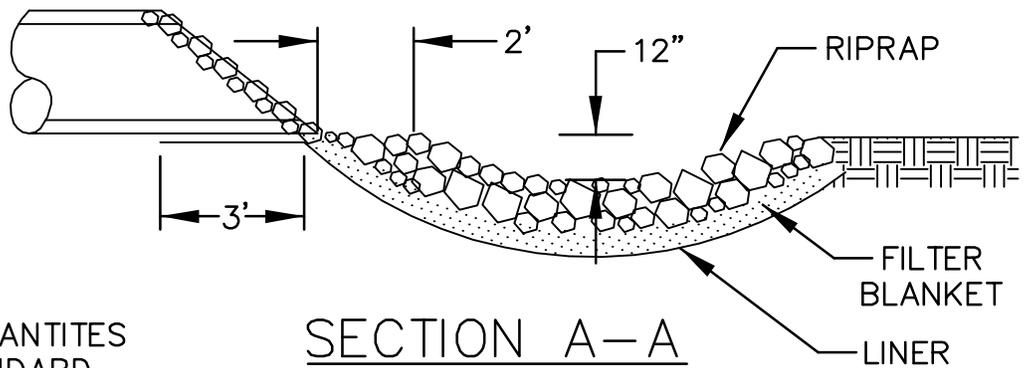
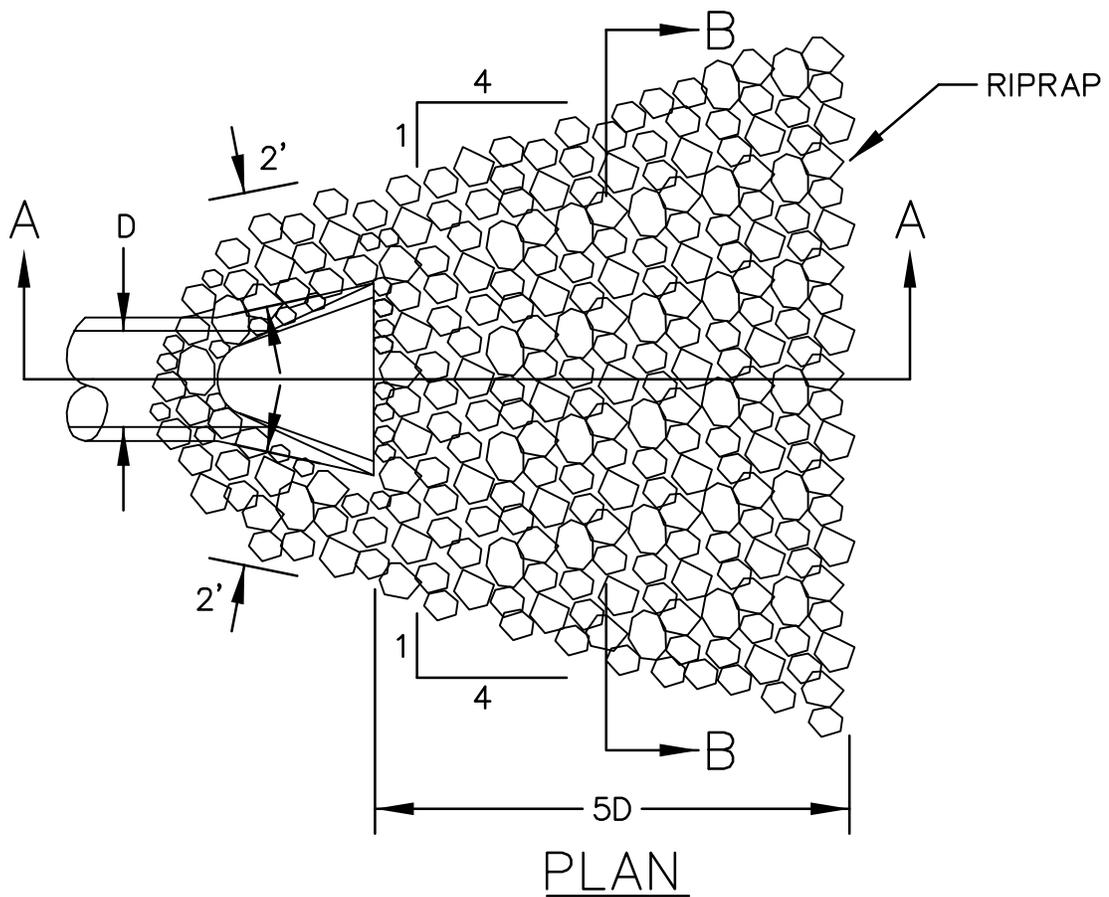
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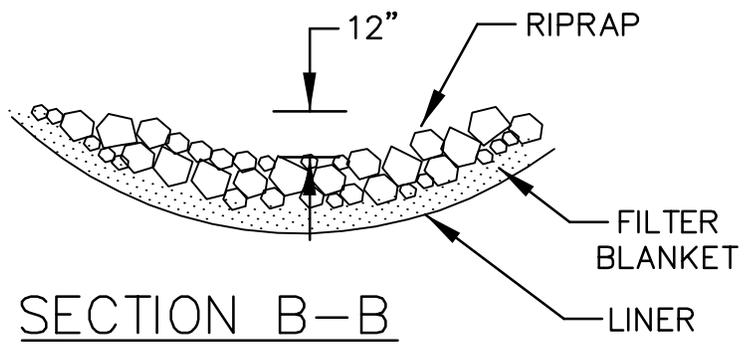
GEOTEXTILE CATCH
 BASIN FILTER

City of
Golden Valley

GV-EC-060



SECTION A-A



SECTION B-B

NOTE:

FOR EXACT RIPRAP QUANTITIES REFER TO MNDOT STANDARD PLATES M3133B, 3133C, AND 3134C.

GRANULAR FILTER BLANKET OR GEOTEXTILE FABRIC, TYPE IV (MNDOT SPEC. 3733) REQUIRED UNDER RIPRAP.

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**RIPRAP AT
OUTLETS**

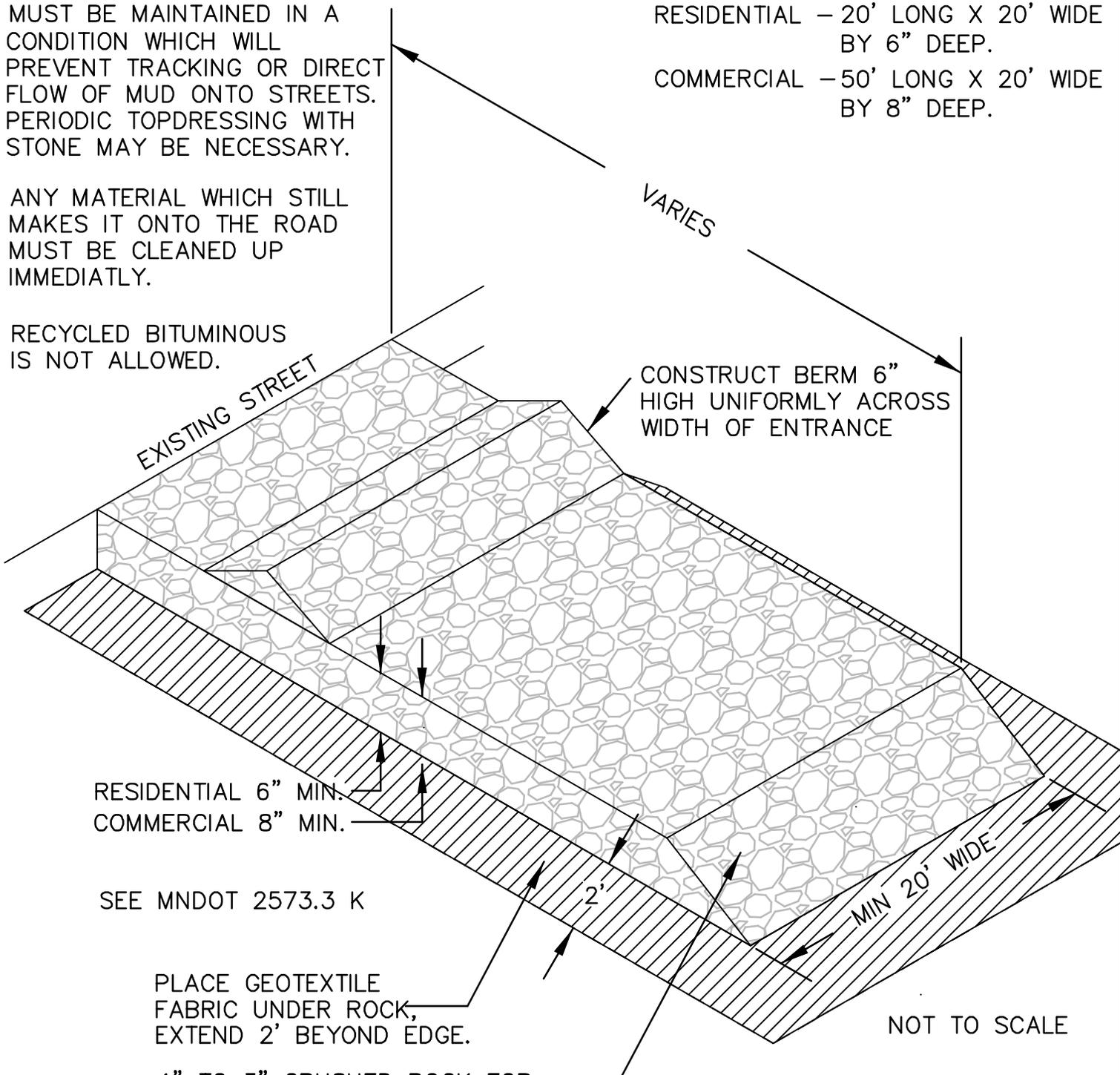
City of **Golden Valley**
GV-EC-070

NOTES:

- A) MUST BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR DIRECT FLOW OF MUD ONTO STREETS. PERIODIC TOPDRESSING WITH STONE MAY BE NECESSARY.
- B) ANY MATERIAL WHICH STILL MAKES IT ONTO THE ROAD MUST BE CLEANED UP IMMEDIATELY.
- C) RECYCLED BITUMINOUS IS NOT ALLOWED.

MINIMUM DIMENSIONS

- RESIDENTIAL – 20’ LONG X 20’ WIDE BY 6” DEEP.
- COMMERCIAL – 50’ LONG X 20’ WIDE BY 8” DEEP.



RESIDENTIAL 6" MIN.
COMMERCIAL 8" MIN.

SEE MNDOT 2573.3 K

PLACE GEOTEXTILE FABRIC UNDER ROCK, EXTEND 2' BEYOND EDGE.

1" TO 3" CRUSHED ROCK FOR RESIDENTIAL CONSTRUCTION ENTRANCE. (MNDOT CA-1 or CA-2 COURSE AGGREGATE)

3" TO 6" CRUSHED ROCK FOR COMMERCIAL CONSTRUCTION ENTRANCE. (MNDOT CA-1 or CA-2 COURSE AGGREGATE)

NOT TO SCALE

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ROCK
CONSTRUCTION
ENTRANCE

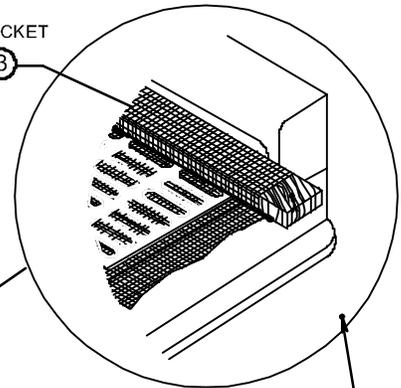
City of Golden Valley

GV-EC-080

INLET SPECIFICATIONS AS PER THE PLAN
DIMENSION LENGTH AND WIDTH TO MATCH

FLAP POCKET

③



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

①

③

GEOTEXTILE FABRIC, TYPE FF

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

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

8"

4"

12"

12"

4" X 6" OVAL HOLE SHALL BE HEAT CUT INTO ALL FOUR SIDE PANELS.

FABRIC BAG

(CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE) ②

DO NOT INSTALL INLET PROTECTION IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE. TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4' FROM THE BOTTOM OF THE BAG.

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- ① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10' AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- ② FOR INLET PROTECTION, WITH CURB BOX, AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
- ③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2"x4".

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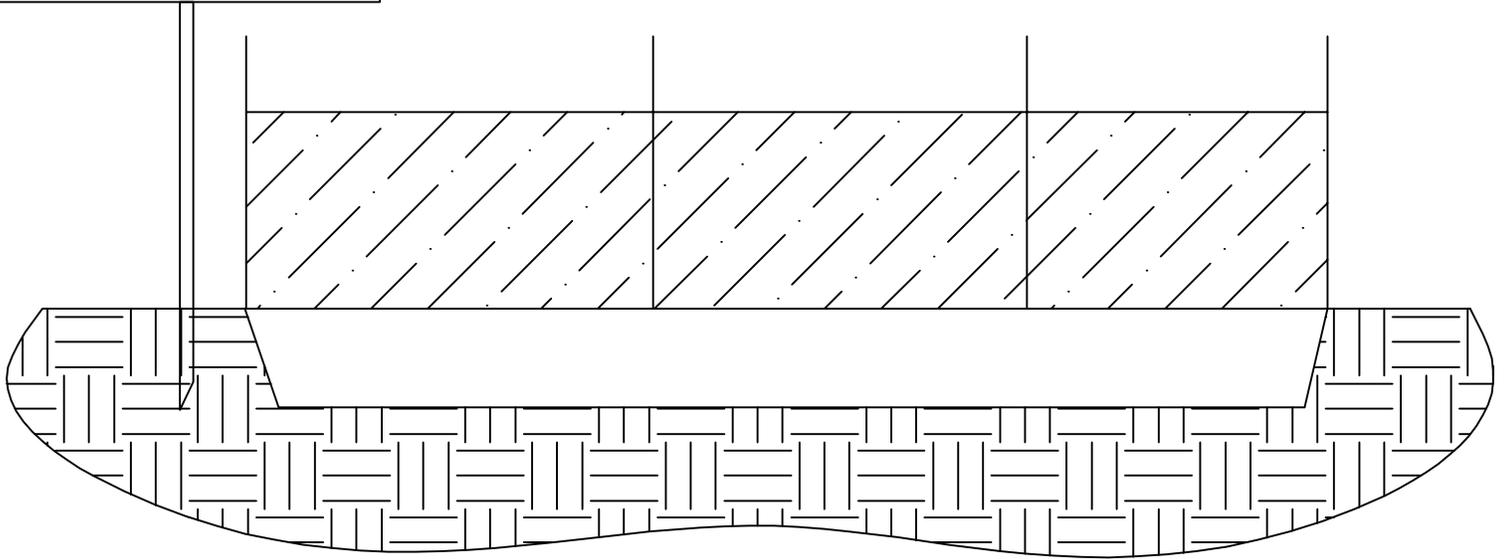
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FAST FLOW INLET BAG TO PROTECT STORM INLETS

City of Golden Valley
GV-EC-090

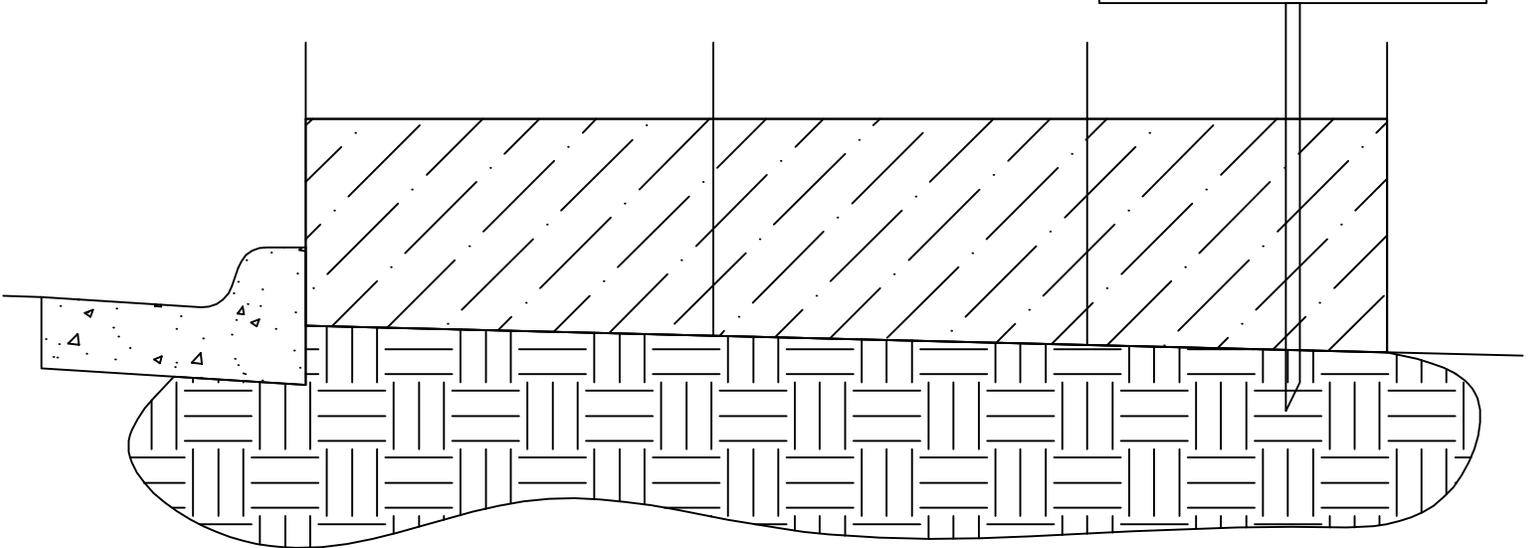
OPEN AREA:
THE AREA MUST BE CLEARLY MARKED, A MINIMUM
SIZE OF 10'x10' AND 6" BELOW EXISTING SURFACE.
THE PERIMETER MUST BE PROTECTED WITH SILT
FENCE (SEE DETAIL GV-EC-010)

CONCRETE WASHOUT
AREA



BEHIND CURB:
THE AREA MUST BE CLEARLY MARKED, A MINIMUM SIZE
OF 10'x10' AND 6" BELOW CURB, SLOPING AWAY FROM
THE STREET. THE PERIMETER MUST BE PROTECTED
WITH SILT FENCE (SEE DETAIL GV-EC-010)

CONCRETE WASHOUT
AREA



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CONCRETE
WASHOUT AREA

City of Golden Valley

GV-EC-100