STEEL T-POST: 5' MIN. LENGTH AT 6' MAX. SPACING

PLASTIC ZIP-TIES (3 MIN.) WITHIN TOP 8" OF FABRIC

GEOTEXTILE FABRIC (3 FT. WIDE)

ANCHOR FABRIC IN TRENCH WITH TAMPED NATURAL SOIL BACKFILL

DIRECTION OF RUNOFF

30" MINIMUM HEIGHT

24" MINIMUM POST EMBEDMENT

4" MIN.

6" MIN.
5 FT. MIN. LENGTH POST AT 6 FT. MAX. SPACING

PLASTIC ZIP TIES (50 LB. TENSIL) LOCATED IN TOP 8 IN.

GEOTEXTILE FABRIC (3 FT. WIDE)

DIRECTION OF RUNOFF

30” MINIMUM HEIGHT

TIRE COMPACtion ZONE

24” MINIMUM POST EMBEDMENT

MACHINE SLICE 8 IN. – 12 IN. DEPTH
STORM SEWER INLET

OPEN THROAT

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
GEOTEXTILE SILT FABRIC (MNDOT SPEC. 3886) TO BE PLACED UNDER CATCH BASIN GRATE, WRAPPED AROUND & STAPLED TO WOOD 2x4

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

SECTION A–A

SECTION B–B
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.

CONSTRUCT BERM 6” HIGH UNIFORMLY ACROSS WIDTH OF ENTRANCE

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)
**FAST FLOW INLET BAG TO PROTECT STORM INLETS**

**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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**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, WITH EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.


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

**USE REBAR OR STEEL ROD FOR REMOVAL OR FOR INLETS WITH CAST CURB BOX USE WOOD 2"X4", EXTEND 10" BEYOND GRATE WIDTH ON BOTH SIDES, LENGTH VARIES, SECURE TO GRATE WITH WIRE OR PLASTIC TIES**

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

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**APPROVED DECEMBER 31, 2015**

CITY ENGINEER REG 23110

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)

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)