

NOTES:

1. INSTALL PERIMETER EROSION CONTROL. THE CITY WILL ACCEPT SILT FENCE, TOPSOIL BERMS, VEGETATED BUFFER STRIPS, FIBER LOGS, COMPOST BERMS, COMPOST LOGS, SHREDDED WOOD MULCH BERMS, AND ROCK BERMS.
2. INSTALL APPROVED INLET PROTECTION AT THE FIRST CATCHBASIN DOWNSTREAM FROM CONSTRUCTION SITE. (SEE PLATE NO. EC-04)
3. INSTALL EROSION CONTROL MEASURES NO LATER THAN THE SAME DAY THE HOUSE FOUNDATION IS BACKFILLED.
4. MAINTAIN EROSION CONTROL MEASURES UNTIL ALL TURF IS ESTABLISHED.
5. INSTALL A SILT FENCE "J" HOOK AT DRIVEWAY FOR A MINIMUM OF 4'.
6. SWEEP SILT TRACKED ONTO THE STREET THE SAME DAY USING A WATER-BASED SWEEPER.
7. THE CITY WILL ACCEPT THE FOLLOWING TEMPORARY EROSION CONTROL MEASURES FOR SOIL STABILIZATION: MULCH (STRAW, SHREDDED WOOD, OR COMPOST), SPRAYED MULCH, HYDROMULCH, TACKIFIER, AND EROSION CONTROL BLANKET. USE MnDOT APPROVED SEED MIXES FOR TEMPORARY STABILIZATION.
8. INSTALL TEMPORARY EROSION CONTROL MEASURES, SEEDING, OR SOD WITHIN 7 CALENDAR DAYS ON ERODIBLE SURFACES NOT ACTIVELY WORKED ON.
9. FAILURE TO INSTALL OR MAINTAIN EROSION CONTROL WILL RESULT IN ISSUANCE OF AN "EROSION CONTROL VIOLATION." FAILURE TO COMPLY WITH THE VIOLATION NOTICE MAY RESULT IN THE ISSUANCE OF A "STOP WORK ORDER."

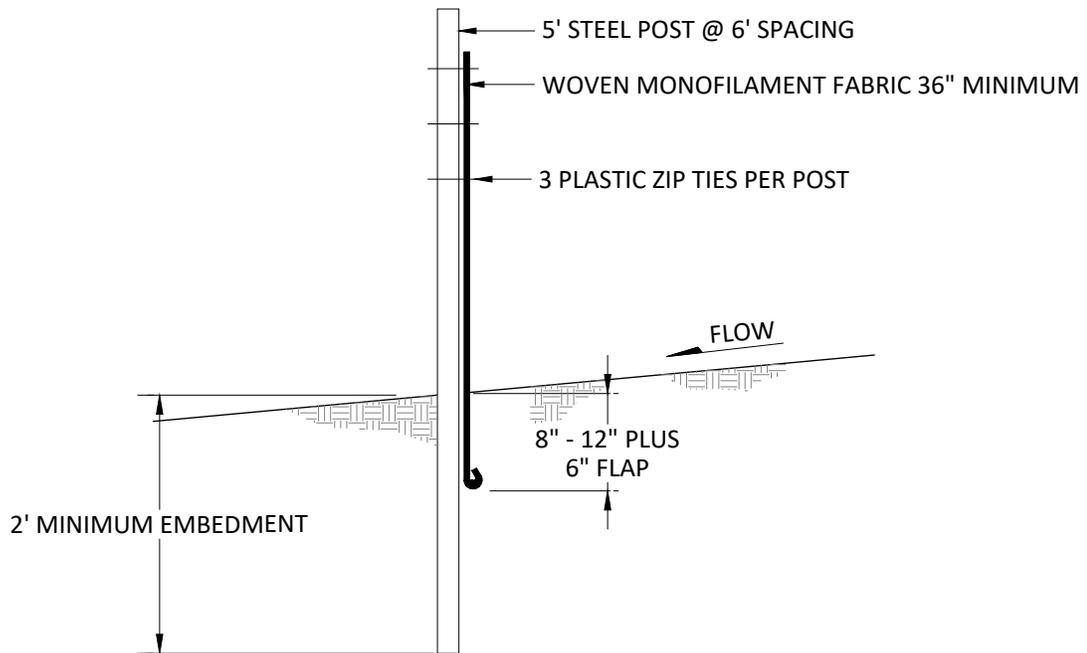


CITY OF INVER GROVE HEIGHTS
PUBLIC WORKS ENGINEERING DIVISION
**EROSION CONTROL FOR
RESIDENTIAL LOTS**

Plate No.

EC-01

Revised 02/23



MACHINE SLICED SILT FENCE

NOTES:

1. THE CITY WILL ALLOW WOOD POSTS IN NON-CRITICAL AREAS. SPACE WOOD POST AT MAXIMUM 4' APART.
2. USE STEEL POSTS WHEN HEAVY DUTY SILT FENCE IS SPECIFIED.
3. CLEAN OR REPLACE SILT FENCE WHEN SILT DEPTH IS 1/2 HEIGHT OF FABRIC OR WHEN SILT FENCE BECOMES NONFUNCTIONAL.



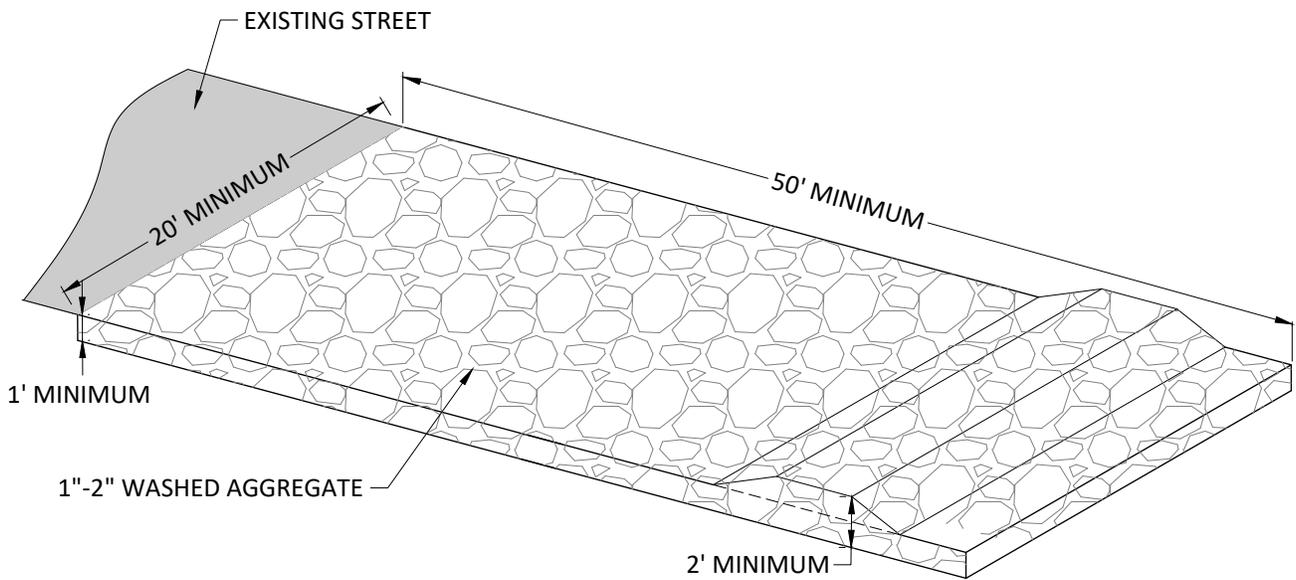
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PUBLIC WORKS ENGINEERING DIVISION

SILT FENCE

Plate No.

EC-02

Revised 02/23



NOTES:

1. CONSTRUCT STABILIZED CONSTRUCTION EXIT PRIOR TO CONSTRUCTION ACTIVITY.
2. CLEAN, MAINTAIN, OR REPLENISH AGGREGATE AS NECESSARY.
3. SWEEP SILT TRACKED ONTO THE STREET THE SAME DAY BY A WATER BASED SWEEPER.
4. FOR RESIDENTIAL CONSTRUCTION, THE CONTRACTOR MAY USE CLASS 5 AS A STABILIZED CONSTRUCTION EXIT. THE CONTRACTOR MAY ALSO MODIFY THE LENGTH OF A CONSTRUCTION ENTRANCE AND MAY ELIMINATE A 1' HIGH RIDGE.
5. GEOTEXTILE FABRIC MAY BE USED UNDER THE ROCK TO PREVENT MIGRATION OF THE UNDERLYING SOIL INTO THE STONE.

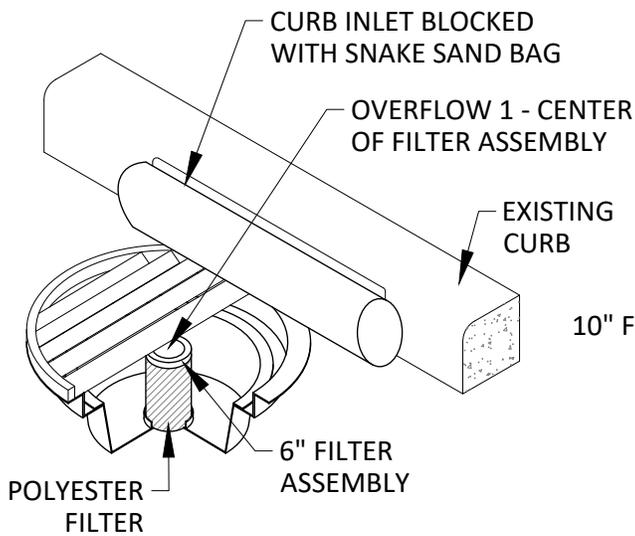


CITY OF INVER GROVE HEIGHTS
 PUBLIC WORKS ENGINEERING DIVISION
**STABILIZED
 CONSTRUCTION EXIT**

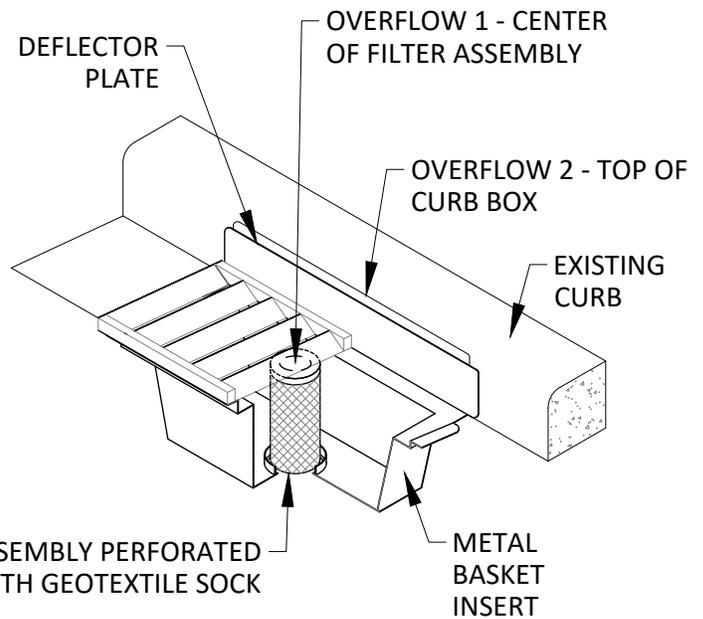
Plate No.

EC-03

Revised 02/23



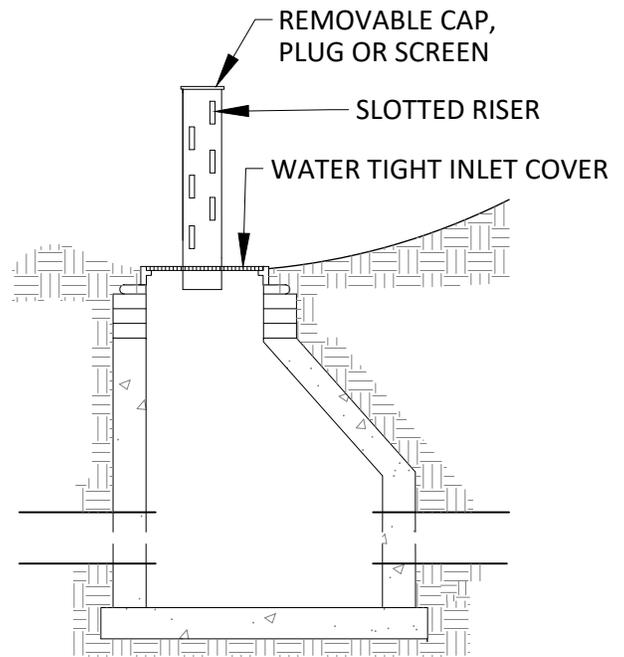
CURB AND GUTTER MODEL CG 3250



CURB AND GUTTER MODEL CG 3067

NOTES:

1. INSTALL STORM DRAIN INLET PROTECTION AT ALL EXISTING INLETS WITHIN OR DOWNSTREAM OF OPEN CONSTRUCTION AREAS. IMMEDIATELY PROTECT NEW INLETS AFTER INSTALLATION.
2. LEAVE INLET PROTECTION IN UNTIL SURROUNDING AREAS ARE ESTABLISHED OR UNTIL DIRECTED BY ENGINEER.
3. REMOVE INLET PROTECTION WHEN THERE IS FROST IN THE GROUND AND REINSTALL WHEN THE GROUND THAWS.
4. SEALING THE STORM SEWER INLET WITH FABRIC IS NOT AN APPROVED METHOD OF INLET PROTECTION.



SLOTTED RISER INLET FILTER

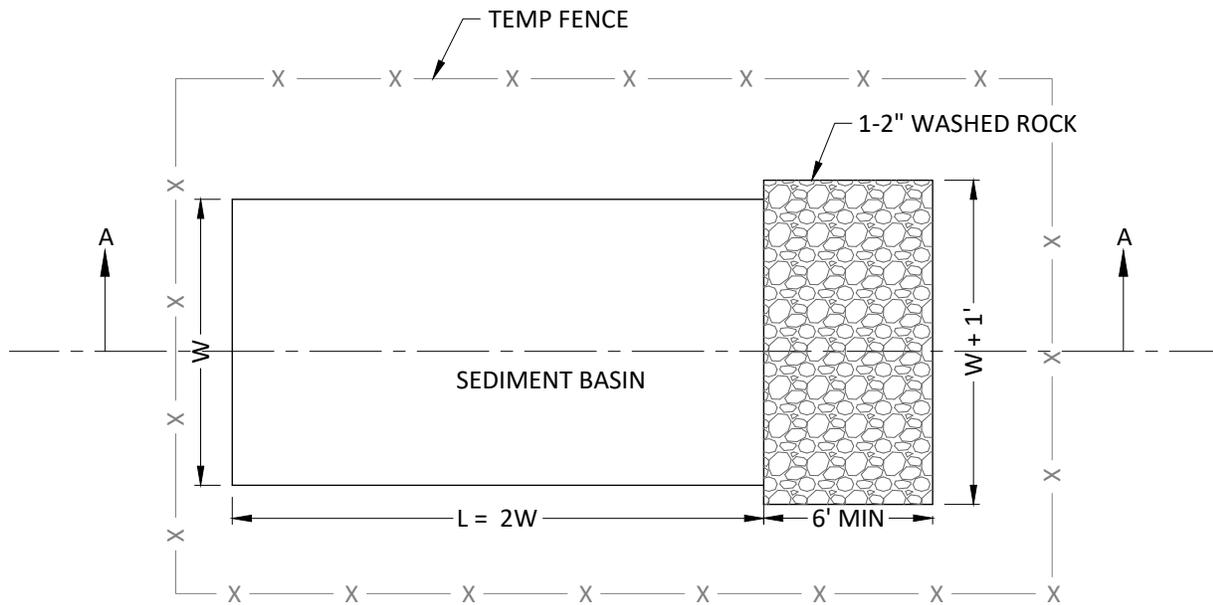


CITY OF INVER GROVE HEIGHTS
PUBLIC WORKS ENGINEERING DIVISION
**STORM WATER
INLET PROTECTION**

Plate No.

EC-04

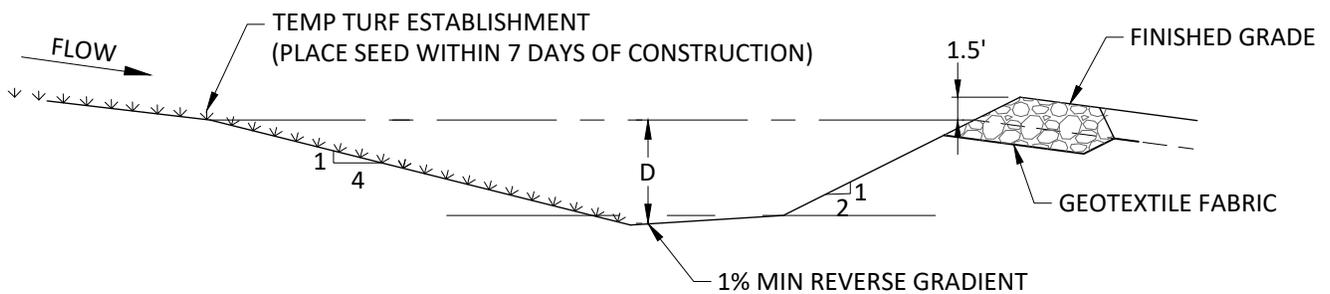
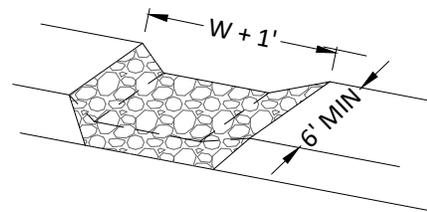
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PLAN VIEW

NOTE:

D = 3' MIN, 5' MAX
 W = 10' MIN



SECTION A-A



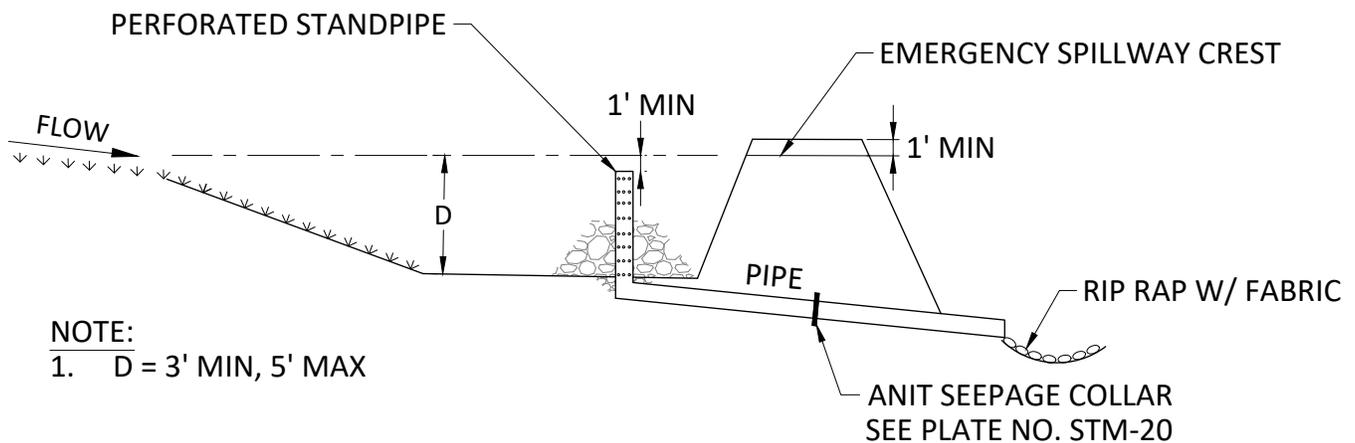
CITY OF INVER GROVE HEIGHTS
 PUBLIC WORKS ENGINEERING DIVISION

**TEMPORARY SEDIMENT BASIN
 WITH OVERFLOW SPILLWAY**

Plate No.

EC-05

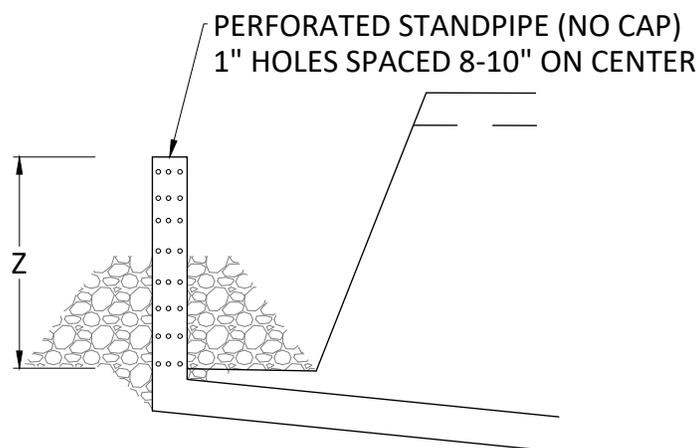
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NOTE:

1. D = 3' MIN, 5' MAX

SECTION VIEW



STAND PIPE DETAIL

NOTES:

1. PLACE 1 $\frac{1}{2}$ " CLEAR ROCK AT A DEPTH OF $\frac{1}{3}$ TO $\frac{2}{3}$ HEIGHT OF RISER PIPE (Z).
2. USE PERFORATED STANDPIPE WITH THE SAME DIAMETER AS OUTLET PIPE.



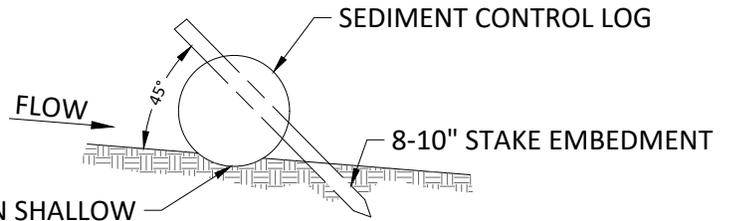
CITY OF INVER GROVE HEIGHTS
PUBLIC WORKS ENGINEERING DIVISION

**TEMPORARY SEDIMENT BASIN
WITH OUTLET PIPE**

Plate No.

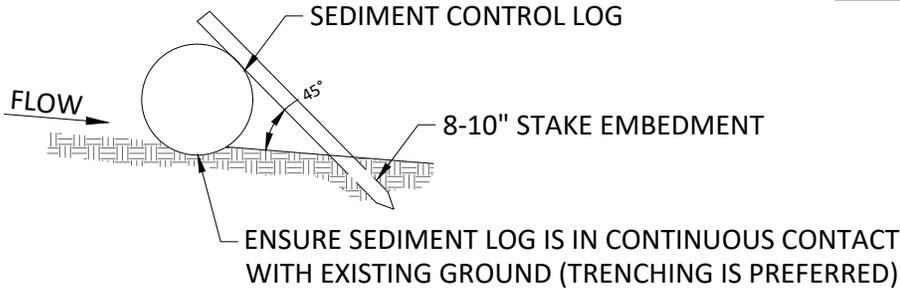
EC-06

Revised 02/23



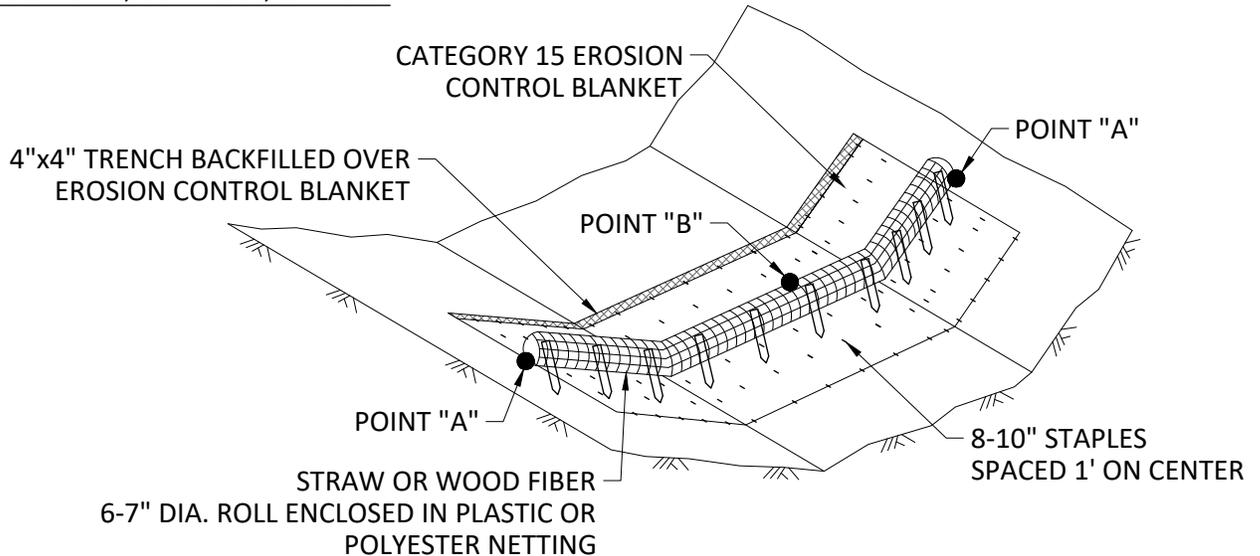
PLACE SEDIMENT CONTROL LOG IN SHALLOW TRENCH (1-2" DEPTH). ENSURE LOG IS IN FULL CONTACT WITH EXISTING GROUND

TYPES: STRAW, WOOD FIBER, OR COIR



ENSURE SEDIMENT LOG IS IN CONTINUOUS CONTACT WITH EXISTING GROUND (TRENCHING IS PREFERRED)

TYPES: WOOD CHIP, COMPOST, OR ROCK



NOTES:

1. POINT 'A' SHALL BE A MINIMUM OF 6 INCHES HIGHER THAN POINT 'B' TO ENSURE WATER FLOWS OVER THE BIOROLL AND DOES NOT FLANK THE EDGES AND CAUSE EROSION.
2. DITCH CHECK SPACING SHALL BE DETERMINED FROM THE FOLLOWING FORMULA:

$$\text{APPROXIMATE SPACING OF DITCH CHECKS (FT)} = \frac{\text{DITCH CHECK HEIGHT (FT)} * 100}{\text{CHANNEL SLOPE (\%)}}$$
3. USE 1"x2"x24" LONG WOOD STAKES (NO REBAR) AND SPACE AT MAXIMUM 1' APART.
4. DRIVE STAKES THROUGH THE BACK HALF OF SEDIMENT LOG AT A 45° ANGLE WITH TOP OF STAKE POINTING UPSTREAM. EMBED STAKE INTO THE GROUND BY 8-10".

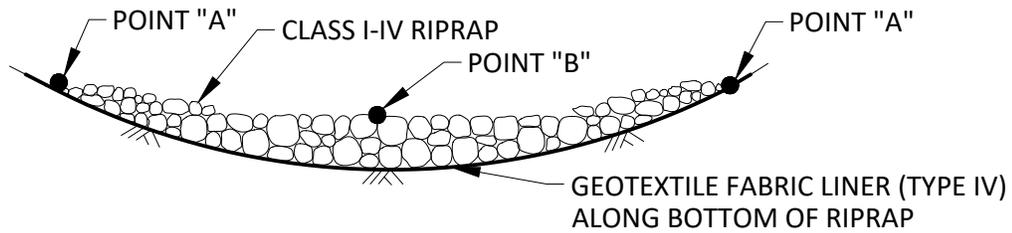


CITY OF INVER GROVE HEIGHTS
 PUBLIC WORKS ENGINEERING DIVISION
**SEDIMENT CONTROL LOG
 INSTALLATION**

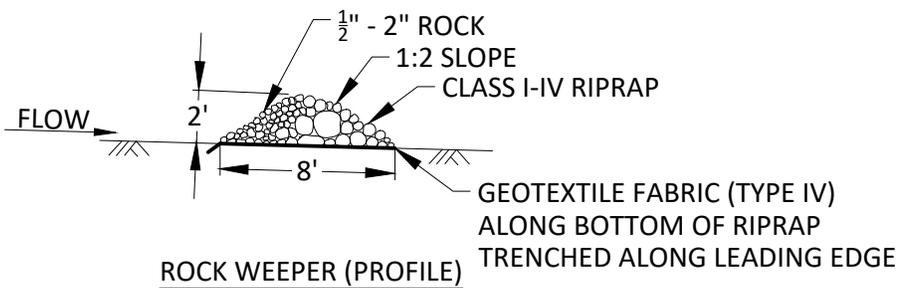
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EC-07

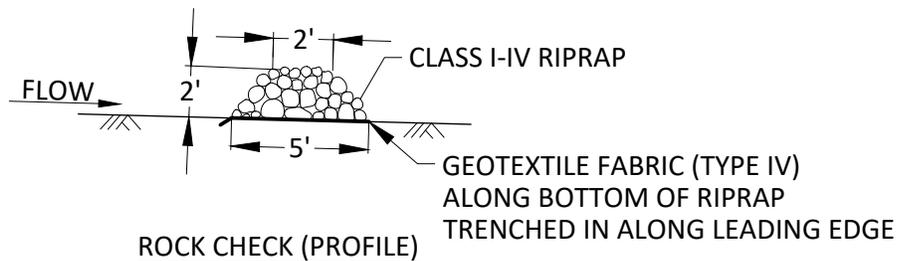
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CROSS SECTION (ROCK WEEPER AND ROCK CHECK)



ROCK WEEPER (PROFILE)



ROCK CHECK (PROFILE)

NOTES:

1. USE ROCK WEEPER FOR SEDIMENT FILTRATION. USE ROCK CHECK FOR VOLUME CONTROL
2. ENSURE POINT "A" IS A MIN OF 6" ABOVE POINT "B" SO THAT WATER FLOWS OVER THE DITCH CHECK AND DOES NOT FLANK THE EDGES AND CAUSE EROSION
3. DETERMINE DITCH CHECK SPACING FROM THE FOLLOWING FORMULA:

$$\text{APPROXIMATE SPACING OF DITCH CHECKS (FT)} = \frac{\text{DITCH CHECK HEIGHT (FT)} \times 100}{\% \text{ CHANNEL SLOPE}}$$

