THE PRIMARY PURPOSE OF DRAINAGE STRUCTURE INLET PROTECTION IS TO PREVENT SEDIMENT FROM ENTERING A DRAINAGE SYSTEM BY PREVENTING WATER BAGS ALLOW SEDIMENT TO FALL OUT OF SUSPENSION.

GRAVEL BAGS ARE FILLED WITH CLEAN STONE RATHER THAN SAND TO PREVENT SEDIMENT FROM ENTERING A DRAINAGE SYSTEM IF BAGS ARE DAMAGED DURING USE.

THE TOP OF THE INLET PROTECTION SHALL BE SET AT THE MAXIMUM DESIRED WATER LEVEL BASED ON FIELD LOCATION AND CONDITIONS.

APPLICATION NOTES:

C. B. A.

1. APPROVED SILT FENCE GEOTEXTILES ARE LISTED IN THE DEPARTMENT'S APPROVED LIST. ALL GEOTEXTILES SHALL BE SECURED TO POSTS AND FRAME.

2. SPACE SILT FENCE POSTS EIGHT HUNDRED SEVENTY MILLIMETERS APART WITH A MAXIMUM SPACING OF 1.2M. POSTS ARE HAMMERED INTO THE GROUND. THE TOPS OF POSTS MAY BE SECURED IN STIFF GEOTEXTILES TO PREVENT SUBMERSION.

3. SILT FENCE GEOTEXTILES SHALL BE FRESHLY SHAPED AND INSTALLED. GEOTEXTILE SHALL BE SECURED TO POSTS AND FRAME.

4. GRAVEL BAGS SHALL BE DURABLY BAGGED AND PROPERLY INSTALLED. GRAVEL BAGS SHALL BE FULL TO THE OUTSIDE DIAMETER PLUS EIGHT HUNDRED THIRTY MILLIMETERS. GRAVEL BAGS SHALL BE TIED AND THE BANDS TIED TO POSTS IN THE FIELD. FOR INSTALLATION IN THE FIELD, GEOTEXTILE SHALL BE INSERTED. GRAVEL BAGS SHALL LAP THE JOINTS BETWEEN THE BAGS IN THE FIELD. OVERLAP GEOTEXTILE TO ELIMINATE ANY OPENING.

5. MEASURES SHALL BE PROTECTED EVERY SEVEN (7) CALENDAR DAYS AFTER EACH RAINFALL OF 12MM OR MORE WITHIN A 24 HOUR PERIOD, OR DAILY DURING PROLONGED RAINFALL. MEASURES SHALL BE CLEANED AND REPAIRED AS REQUIRED.

6. SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION REACHES ONE-HALF OF THE MEASURED AREA. SEDIMENT SHALL BE DISPOSED OF AS UNSUITABLE MATERIAL.

MAXIMUM DRAINAGE AREA FOR DRAINAGE STRUCTURE INLET PROTECTION IS ONE ACRE.

DRAINAGE STRUCTURE INLET PROTECTION - TEMPORARY

GRANULAR BAGS

DRAINAGE STRUCTURE INLET PROTECTION - TEMPORARY

SILT FENCE GEOTEXTILE ATTACHED TO WOOD POST AND FRAME (SEE NOTES 1 AND 2)

SILT FENCE GEOTEXTILE ATTACHED TO WOOD POST AND FRAME (SEE NOTE 2)

GEOTEXTILE BURIED (SEE NOTE 3)

SOFTWOOD POST

38x89 NOMINAL

MAXIMUM DRAINAGE AREA FOR DRAINAGE STRUCTURE INLET PROTECTION IS ONE ACRE.

THE MEASURED AREA, SEDIMENT SHALL BE DISPOSED OF AS UNSUITABLE MATERIAL.

MAXIMUM DRAINAGE AREA FOR DRAINAGE STRUCTURE INLET PROTECTION IS ONE ACRE.

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