

STANDARD
CONSTRUCTION
DETAILS

EROSION
CONTROL

JANUARY 2022



PUBLIC WORKS & ENGINEERING SERVICES

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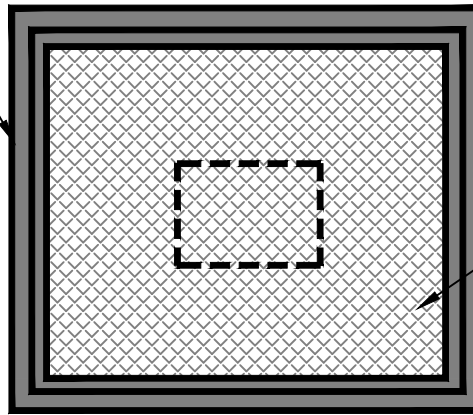
EROSION CONTROL

GRATE INLET PROTECTION (IN PAVEMENT)

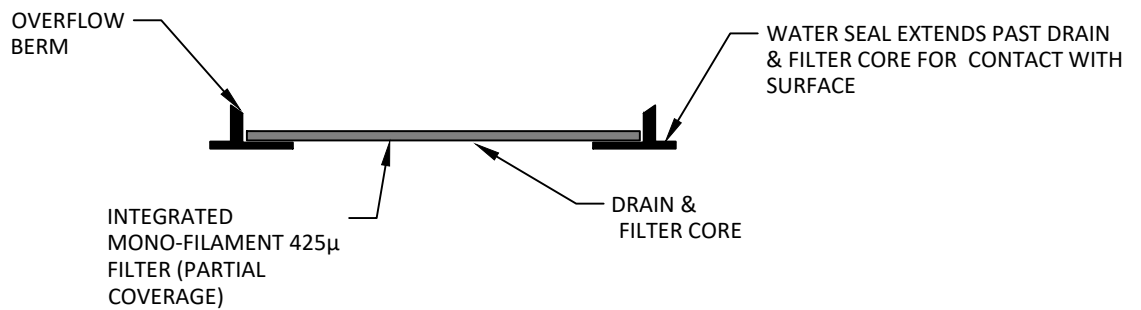
SD-EC01

1. EROSION CONTROL GENERAL NOTES ARE IN THE TOWN OF ADDISON GENERAL CONSTRUCTION NOTES DOCUMENT.
2. STRUCTURAL AND NON-STRUCTURAL CONTROLS MAY BE USED FOR CONTROLLING POLLUTANTS FOR STORM WATER DISCHARGES FROM SMALL AND LARGE SITES.
3. STRUCTURAL CONTROLS SHALL COMPLY WITH DETAILS AND SPECIFICATIONS IN THE LATEST EDITION OF THE NCTCOG OR ISWM TECHNICAL MANUALS, AND THESE TOWN DETAILS. WHEN THE DETAILS / SPECIFICATIONS ARE IN CONFLICT, THESE TOWN DETAILS / SPECIFICATIONS SHALL GOVERN.
4. STANDARD DETAILS CONTAINED HEREIN ARE THE MINIMUM STANDARDS, MORE STRINGENT CRITERIA MAY BE REQUIRED AT THE DIRECTION OF PUBLIC WORKS AND ENGINEERING SERVICES.

A TEMPORARY OR SEMI-PERMANENT SEDIMENT AND DEBRIS FILTER MADE OF HIGH DENSITY POLYETHYLENE (HDPE) WITH A PERIMETER BERM AND AN INTEGRATED FILTER



PORTION OF FILTER REMOVED FOR HIGH-FLOW BYPASS. MINIMUM 20% OF SURFACE AREA.



NOTES:

1. DO NOT REMOVE GRATE. LAY INLET PROTECTION ON TOP OF GRATE. INLET PROTECTION SHALL EXTEND AT LEAST 3 INCHES BEYOND GRATE FRAME IN EACH DIRECTION.
2. ALLOWABLE ANCHOR METHODS:
 - 2.1. ATTACH WITH 16-GAUGE TIE WIRE. AT EACH CORNER OF INLET PROTECTION, FEED ONE END OF WIRE DOWN THRU INLET PROTECTION, AROUND GRATE BAR, AND BACK-UP THRU INLET PROTECTION. ABOVE GROUND, PULL TIGHT AND TWIST WIRES SEVERAL TIMES. CUT OFF EXCESS (FIG. 1).
 - 2.2. PLACE SMALL SNAKE BAGS OR EQUIVALENT (GRAVEL BAGS) CONTAINING CLEAN, PEA-SIZED GRADED GRAVEL AROUND PERIMETER OF INLET PROTECTION (FIG.2)
 - 2.3. PLACE TRAFFIC CONE ON TOP OF INLET PROTECTION (FIG. 3). FOR BETTER PERFORMANCE AND DURABILITY INSTALL WITH ADHESIVE CAULK. THIS ADHESIVE SHOULD PEEL OFF EASILY WHEN INLET PROTECTION IS REMOVED.

FIG. 1

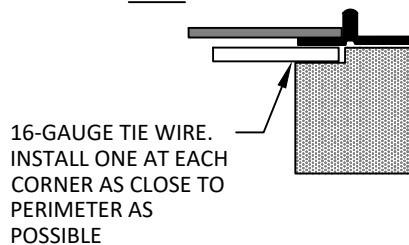


FIG. 2

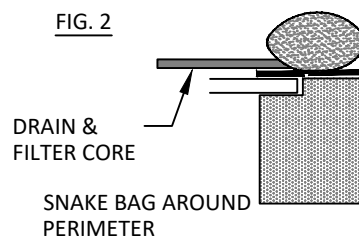
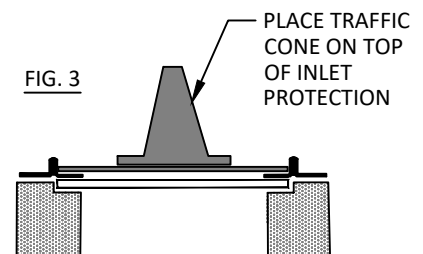


FIG. 3



GRATE INLET PROTECTION (IN PAVED AREAS)