

DROP INLET PROTECTION

APPLICATION NOTES:

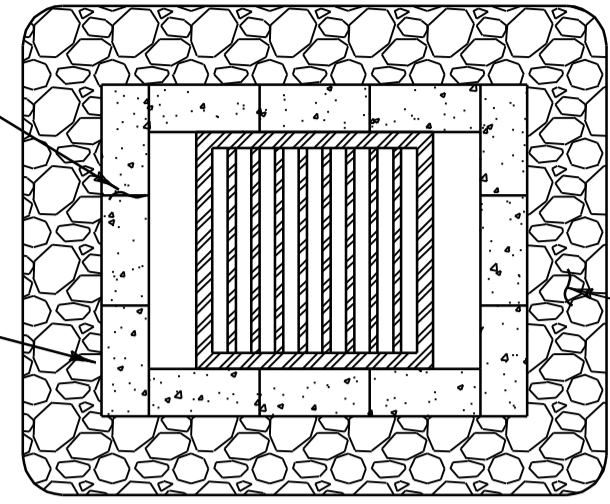
- A. THE PRIMARY PURPOSE OF DRAINAGE STRUCTURE INLET PROTECTION IS TO PREVENT SEDIMENT FROM ENTERING A DRAINAGE SYSTEM BY PONDING WATER WHICH ALLOWS SEDIMENT TO FALL OUT OF SUSPENSION.
- B. THESE EXAMPLES OF DROP INLET PROTECTION ARE NOT INTENDED FOR USE ON GRADES. ON GRADE THEY MAY CAUSE WATER TO BYPASS THE STRUCTURE, CREATING ADDITIONAL EROSION OR FLOODING.
- C. POSSIBLE MODIFICATIONS FOR USE ON GRADE INCLUDE ADDING A BERM DOWNSTREAM OF THE INLET TO CREATE PONDING. CHECK DAMS MAY ALSO BE USED UPSTREAM OF THE INLET TO SLOW VELOCITIES.

GENERAL NOTES:

1. THE TOP OF THE INLET PROTECTION SHALL BE SET AT THE MAXIMUM DESIRED WATER LEVEL, BASED ON FIELD LOCATION AND CONDITIONS.
2. MEASURES SHALL BE INSPECTED EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF A STORM EVENT GREAT ENOUGH TO CAUSE WATER TO LEAVE THE CONSTRUCTION SITE.
3. MEASURES SHALL BE CLEANED AND REPAIRED AS NEEDED, SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION REACHES ONE-HALF OF THE MEASURE HEIGHT. SEDIMENT SHALL BE DISPOSED OF AS UNSUITABLE MATERIAL.
4. PAYMENT FOR MONITORING INLET PROTECTION SHALL BE MADE UNDER THE MONITORING EROSION PREVENTION & SEDIMENT CONTROL PLAN ITEM.
5. PAYMENT FOR MAINTAINING INLET PROTECTION SHALL BE MADE UNDER THE FIELD MAINTENANCE OF EROSION PREVENTION & SEDIMENT CONTROL PLAN ITEM, UNLESS IN THE OPINION OF THE RESIDENT ENGINEER, MAINTENANCE IS REQUIRED DUE TO POOR INSTALLATION PRACTICES, WHEREAS IT WILL THEN BE REPAIRED AT THE CONTRACTORS SOLE EXPENSE.

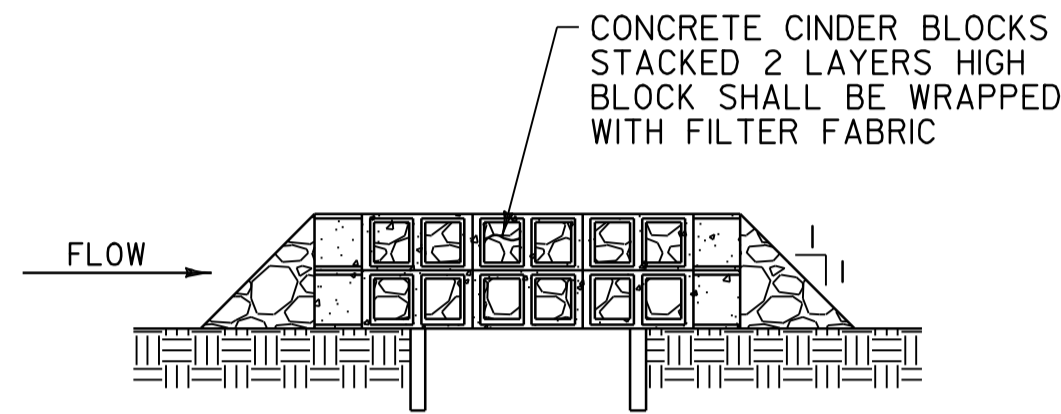
PLACE CONCRETE "CINDER" BLOCKS AROUND THE DRAINAGE STRUCTURE SO THAT OPEN AREAS OF BLOCKS ALLOW FLOW TO REACH THE GRATE.

PLACE FILTER FABRIC AROUND THE CONCRETE BLOCKS TO PREVENT CRUSHED STONE FROM ENTERING OPEN AREAS OF BLOCKS.



STONEFILL, TYPE I (MOD. - INLET PROTECTION)

PLAN



CONCRETE CINDER BLOCKS STACKED 2 LAYERS HIGH BLOCK SHALL BE WRAPPED WITH FILTER FABRIC

SECTION

ROCK BARRIER DROP INLET PROTECTION TEMPORARY PAVED AREAS

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

TEMPORARY EROSION PREVENTION & SEDIMENT CONTROL DETAILS #3

SURVEYED BY L.R.S.C. DATE 10/04
 DRAWN BY C.A.K. DATE 4/05
 SQUAD LEADER D.E.G.
 DESIGN FILE NO. /pave/98b098/pb098.dgn
 IPARM FILE pdl04escd3.dgn DATE PLOTTED \$DATE\$
 PROJ. NAME WALLINGFORD
 PROJ. NO. NH 2108(I)S & STP EHO4(6)
 SHEET 98 OF 110 SHEETS

DATUM
 VERTICAL NAVD 88
 HORIZONTAL NAD 83 (1996)