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EXISTING ROAD

25'

25'

1' MIN
DEPTH
TYPICAL

EXCEPT MAY BE REDUCED TO 50' MIN FOR SITES WITH LESS THAN ONE ACRE OF EXPOSED SOIL OR APPROVED BY INSPECTOR

PLACE CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION FROM THE EDGE OF THE EXISTING ROADWAY TO THE CONSTRUCTION ENTRANCE, OR AS DIRECTED BY THE ENGINEER

INSTALL DRIVEWAY CULVERT IF THERE IS A ROADSIDE DITCH PRESENT

30' MIN TYPICAL

PERMEABLE BALLAST TYPICAL SEE STANDARD SPECIFICATION SECTION 9-03.9(2)

PROVIDE FULL WIDTH OF INGRESS/EGRESS AREA 15' MIN

NOTES

1. STABILIZED CONSTRUCTION ENTRANCE SHALL MEET THE REQUIREMENTS OF WSDOT STANDARD SPECIFICATION SECTION 8-01.317.

ISOMETRIC VIEW
CONSTRUCTION ENTRANCE
ISOMETRIC VIEW

SECTION A-A

DIKE MATERIAL COMPACTED 90%
MODIFIED PROCTOR

CP EP OR
EQUIVALENT PIPE

DISCHARGE TO A STABILIZED
WATERCOURSE, SEDIMENT RETENTION
FACILITY, OR STABILIZED OUTLET

INTERCEPTOR DIKE
OR OTHER
TEMPORARY DIVERSION

PROVIDE RIPRAP PAD OR
EQUIVALENT ENERGY DISSIPATION

SECTION B-B

HOLDING STRAPS
ANCHOR PINS
AS REQUIRED

EXISTING GROUND

TEMPORARY WATER
DIVERSION SYSTEM
PER CONSTRUCTION PLANS

NOTE

1. INLET AND ALL SECTIONS MUST BE SECURELY
FASTENED TOGETHER WITH GASKETED WATERTIGHT
FITTINGS.
1. PROVIDE 8 LINEAL FEET PER 1 CFS RUNOFF.

NOTES

FABRIC MATERIAL STAPLED IN A 3'-6" TRENCH WHICH IS BACKFILLED WITH SOIL

CROSS SECTION A-A

FLOW

BACKFILLED TRENCH WITH BURIED FABRIC MATERIAL

FOAM PAD WRAPPED WITH A GEOSYNTHETIC FABRIC MATERIAL

STAPLES TYPICAL
NOTES

1. SHAPE OF SUMP AREA MAY VARY TO FIT DRAINAGE AREA AND TERRAIN. MODIFY AS NECESSARY TO ENSURE SATISFACTORY TRAPPING OF SEDIMENT. HALF-CIRCLE SUMP MAY BE USED WHEN CURB AND GUTTER ARE INSTALLED DURING STREET CONSTRUCTION.

2. CLEAN OUT WHEN SEDIMENT REACHES 6" BELOW GRATE.

3. TEMPORARILY LEAVE OUT BLOCK. COVER OPENING WITH WIRE SCREEN. SIZE SCREEN TO RETAIN GRAVEL.

4. PLACE 3/8" MINUS WASHED GRAVEL IN FRONT OF SCREEN TO FILTER SEDIMENT.

5. SIZE SUMP BASED ON EXPECTED FLOWS DURING CONSTRUCTION.

6. TO PREVENT SEDIMENTATION FROM ENTERING STORM DRAINAGE SYSTEM AT CATCH BASIN/INLETS DURING CONSTRUCTION.
NOTES

1. CATCH BASIN INSERTS SHALL BE REMOVED AT THE END OF THE PROJECT.

2. CATCH BASIN INSERTS ARE ONLY TO BE INSTALLED IN DRAINAGE DEVICES PER THE MANUFACTURER’S RECOMMENDATIONS. CATCH BASIN INLET INSERTS SHALL BE INSTALLED IN CURB INLETS.

3. CATCH BASIN INSERTS SHALL BE INSTALLED PRIOR TO CLEARING AND GRADING ACTIVITY, OR UPON PLACEMENT OF A NEW CATCH BASIN.

4. SEDIMENT SHALL BE REMOVED FROM THE UNIT WHEN IT BECOMES ONE THIRD FULL OR IN ACCORDANCE WITH THE MANUFACTURER’S INSTRUCTIONS.

5. SEDIMENT REMOVAL SHALL BE ACCOMPLISHED BY REMOVING THE INLET INSERTS, EMPTYING, AND RE-INSTALLING IT INTO THE CATCH BASIN. DO NOT WASH SEDIMENT INTO STORM DRAINS WHILE CLEANING.

6. SIZE THE BELOW INLET GRATE DEVICE (BIGD) FOR THE STORM WATER STRUCTURE IT WILL SERVICE.

7. THE BIGD SHALL HAVE A BUILT-IN HIGH-FLOW RELIEF SYSTEM (OVERFLOW BYPASS).

8. THE RETRIEVAL SYSTEM MUST ALLOW REMOVAL OF THE BIGD WITHOUT SPILLING THE COLLECTED MATERIAL.

9. PERFORM MAINTENANCE IN ACCORDANCE WITH STANDARD SPECIFICATION 8-01.3(15).

WSDOT STD PLAN I-40.20-00 ACCEPTABLE SUBSTITUTE IF MAINTENANCE MEETS NOTES 1-5

CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

STORM DRAIN INLET PROTECTION

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NOTES

1. ALL FILTER FABRIC SHALL BE GEOTEXTILE FOR TEMPORARY SILT FENCE. SEE WSDOT STANDARD SPECIFICATION 9-33.2(1) TABLE 6.
1. Install the ends of the silt fence to point slightly upslope to prevent sediment from flowing around the ends of the fence.

2. Perform maintenance in accordance with WSDOT standard specifications 8-01.3(9)A and 8-01.3(15).

3. Splices shall never be placed in low spots or sump locations. If splices are located in low or sump areas, the fence may need to be reinstalled unless otherwise approved.

4. Install silt fencing parallel to mapped contour lines.

5. During excavation, minimize disturbing the ground around trench as much as is feasible, and smooth surface following excavation to avoid concentrating flows. Compaction must be adequate to prevent undercutting flows.

NOTES

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**SPLICE DETAIL**

WSDOT STD PLAN I-30.10-02 ACCEPTABLE SUBSTITUTE EXCEPT STEEL POST REQUIRED