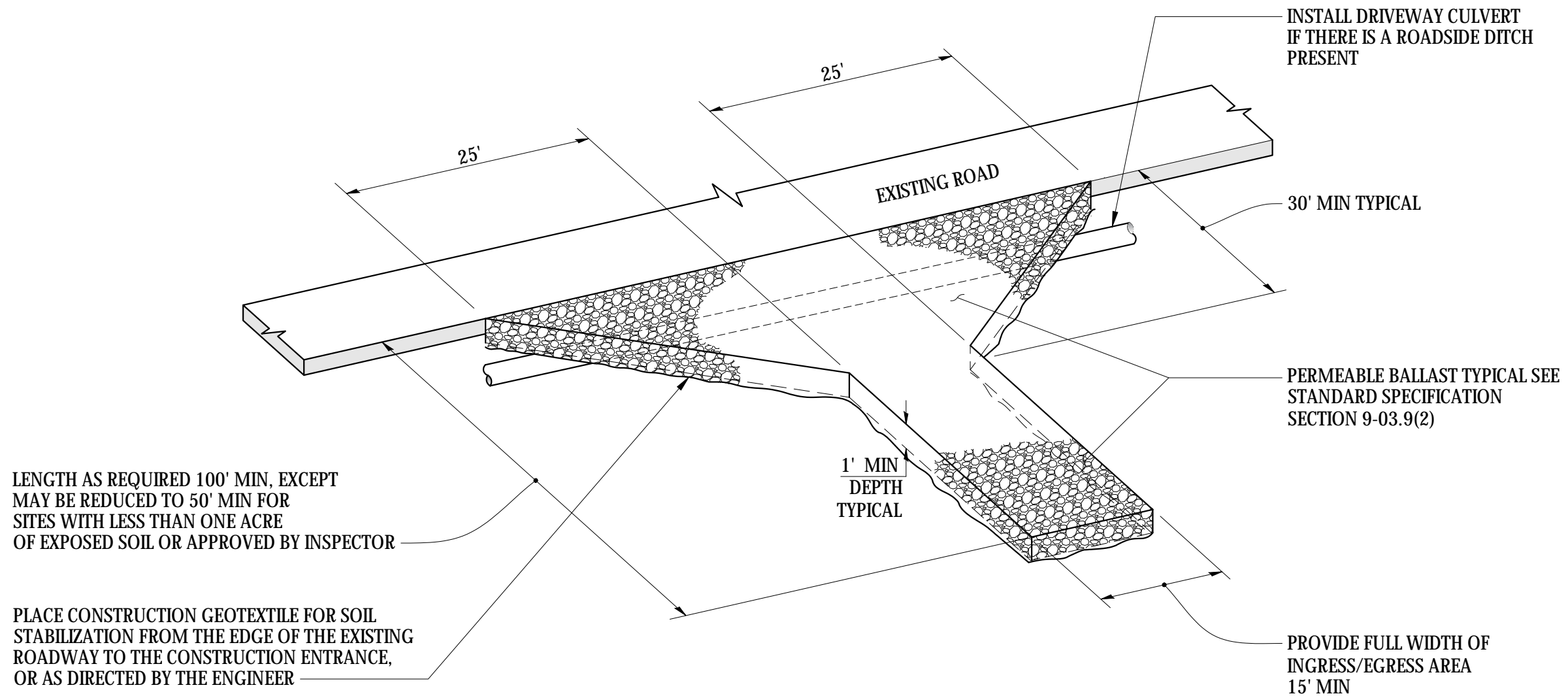


**200 EROSION AND SEDIMENTATION CONTROL**

- 201 Construction Access
- 205 Temporary Pipe Slope Drain
- 207 Triangular Sediment Filter Dikes
- 208 Excavated Inlet Protection
- 210 Storm Drain Inlet Protection
- 212 Inlet Fabric Fence Filter
- 214 Temporary Silt Fence

**NOTES**

1. STABILIZED CONSTRUCTION ENTRANCE SHALL MEET THE REQUIREMENTS OF WSDOT STANDARD SPECIFICATION SECTION 8-01.3(7).



**ISOMETRIC VIEW  
CONSTRUCTION ENTRANCE**

WSDOT STD PLAN I-80.10-02 ACCEPTABLE SUBSTITUTE



**CITY OF EVERETT**  
PUBLIC WORKS DEPARTMENT

City Engineer RYAN SASS	Section Manager HEATHER GRIFFIN	CAD Manager PAUL WILHELM	Drawn By ESH	Current Rev Date 04/03/2017
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**CONSTRUCTION ACCESS**

**201**

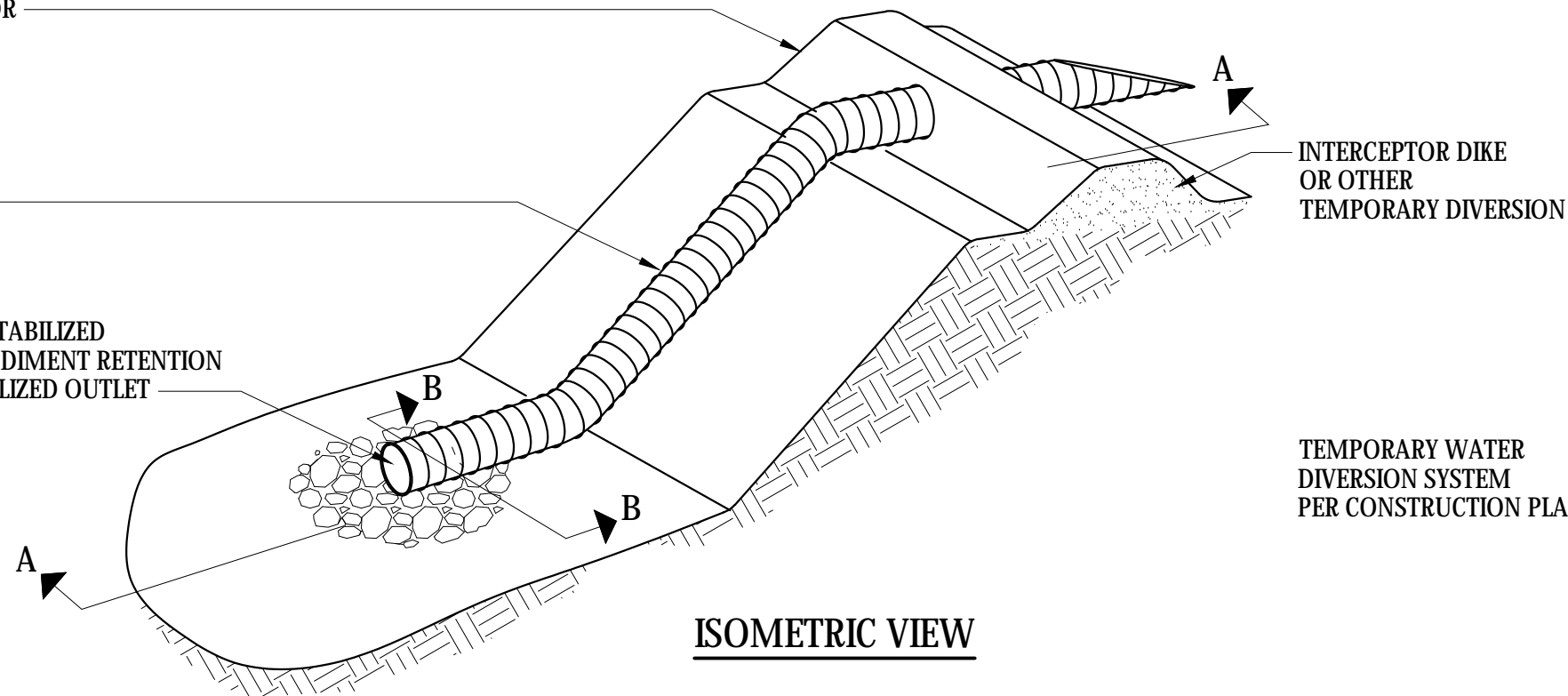
**NOTES**

1. INLET AND ALL SECTIONS MUST BE SECURELY FASTENED TOGETHER WITH GASKETED WATERTIGHT FITTINGS.

DIKE MATERIAL COMPACTED 90%  
MODIFIED PROCTOR

CPEP OR  
EQUIVALENT PIPE

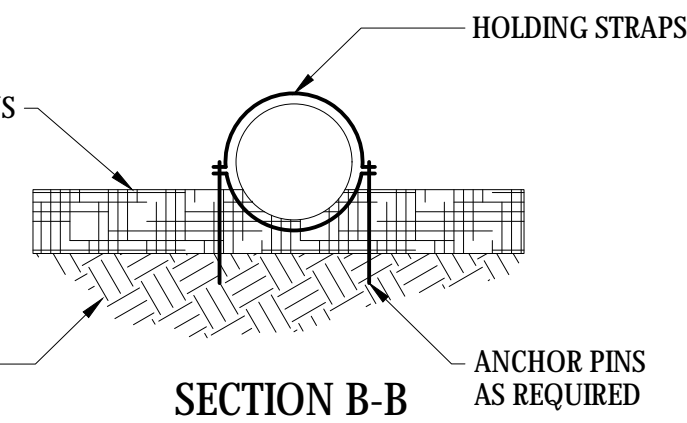
DISCHARGE TO A STABILIZED  
WATERCOURSE, SEDIMENT RETENTION  
FACILITY, OR STABILIZED OUTLET



INTERCEPTOR DIKE  
OR OTHER  
TEMPORARY DIVERSION

TEMPORARY WATER  
DIVERSION SYSTEM  
PER CONSTRUCTION PLANS

EXISTING GROUND



**ISOMETRIC VIEW**

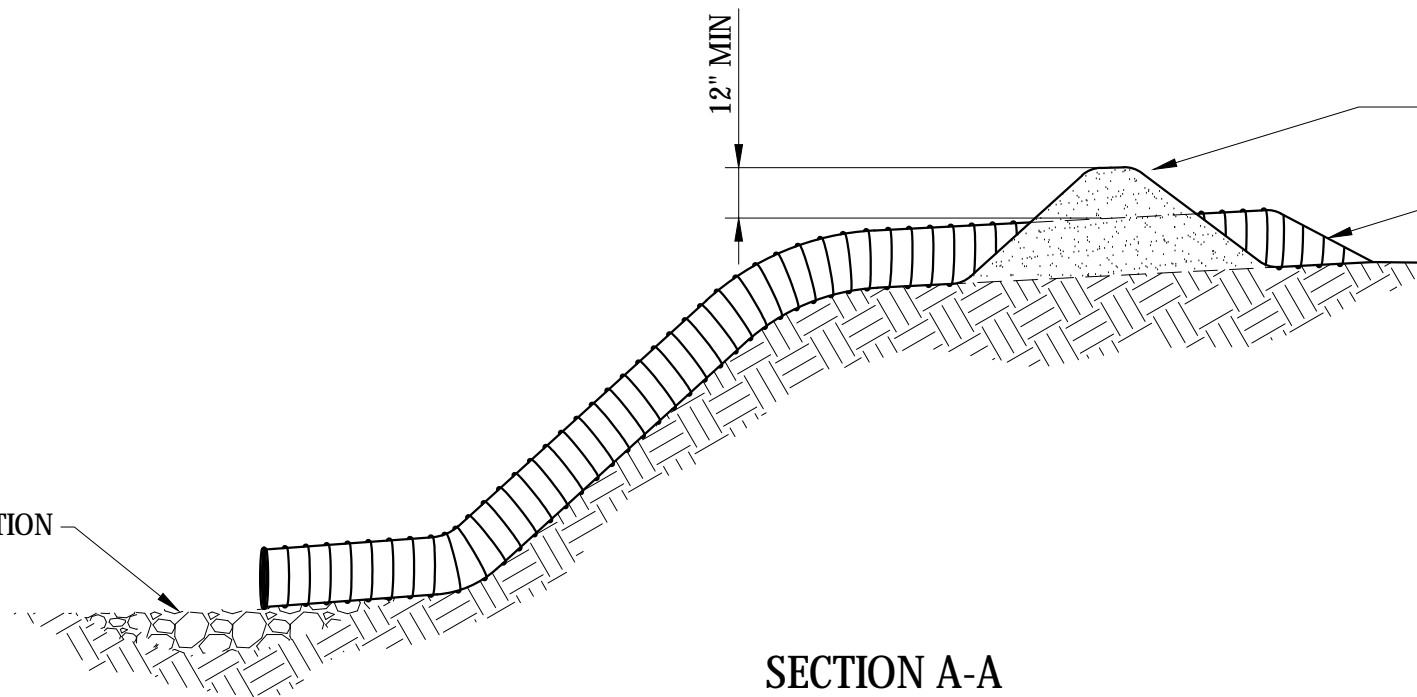
**SECTION B-B**

12" MIN


INTERCEPTOR DIKE OR OTHER  
TEMPORARY DIVERSION

STANDARD FLARED END SECTION

PROVIDE RIPRAP PAD OR  
EQUIVALENT ENERGY DISSIPATION

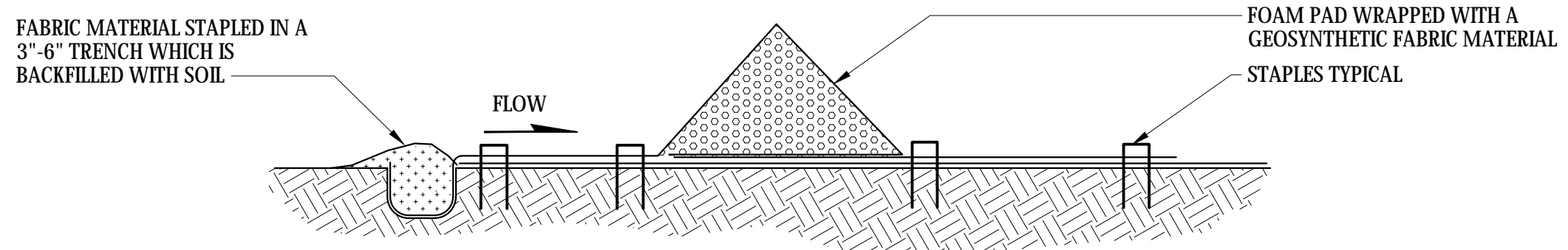
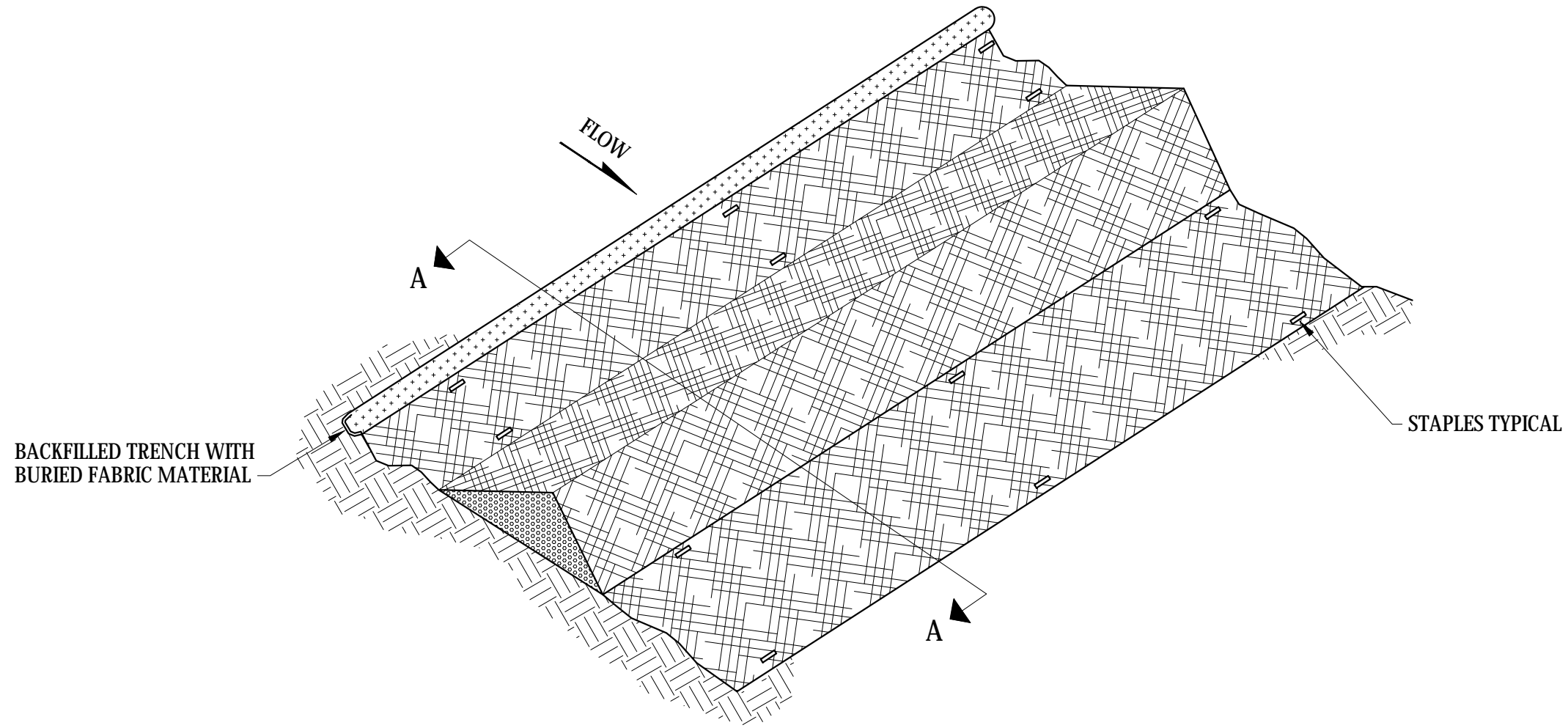


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 PLOTTED: 1/23/2019 4:27 PM

		<b>CITY OF EVERETT</b> PUBLIC WORKS DEPARTMENT	
City Engineer RYAN SASS	Section Manager HEATHER GRIFFIN	CAD Manager PAUL WILHELM	Drawn By ESH
TITLE <b>TEMPORARY PIPE SLOPE DRAIN</b>			Current Rev Date <b>12/30/2016</b> STANDARD DRAWING No. <b>205</b>


**NOTES**

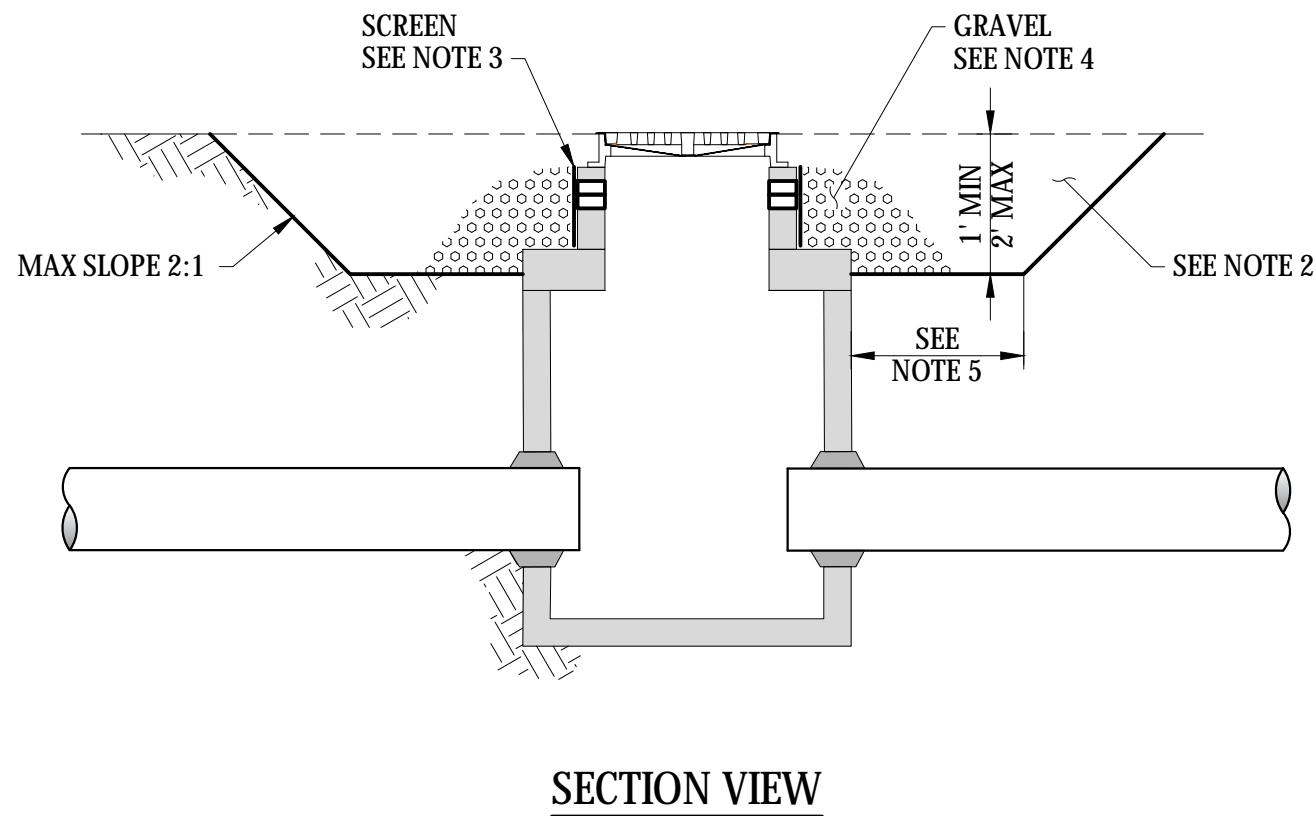
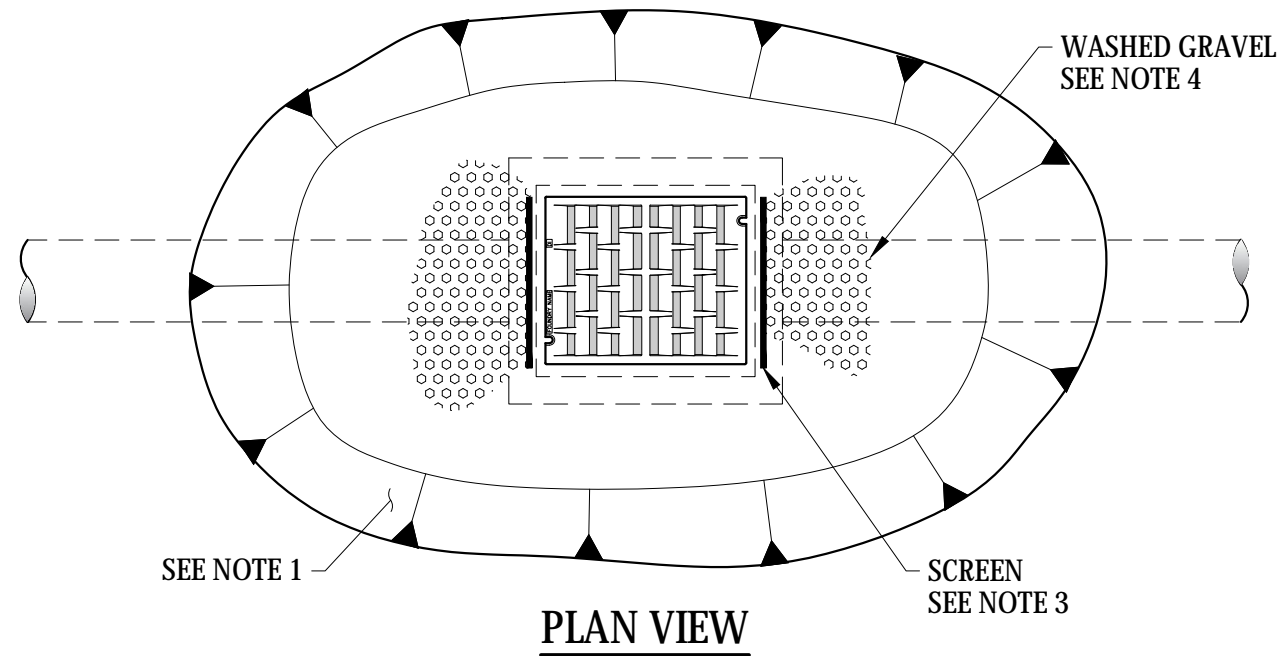
1. PROVIDE 8 LINEAL FEET PER 1 CFS RUNOFF.



**CROSS SECTION A-A**

T:\ACAD\EPS-COE DESIGN & CONSTR SPECS FOR DEVELOPMENT\IN-WORK STD207.DWG  
 PLOTTED: 1/23/2019 4:27 PM


		<b>CITY OF EVERETT</b> PUBLIC WORKS DEPARTMENT	
City Engineer RYAN SASS	Section Manager HEATHER GRIFFIN	CAD Manager PAUL WILHELM	Drawn By ESH
TITLE <b>TRIANGULAR SEDIMENT                  FILTER DIKES</b>			Current Rev Date <b>12/30/2016</b> STANDARD DRAWING No. <b>207</b>

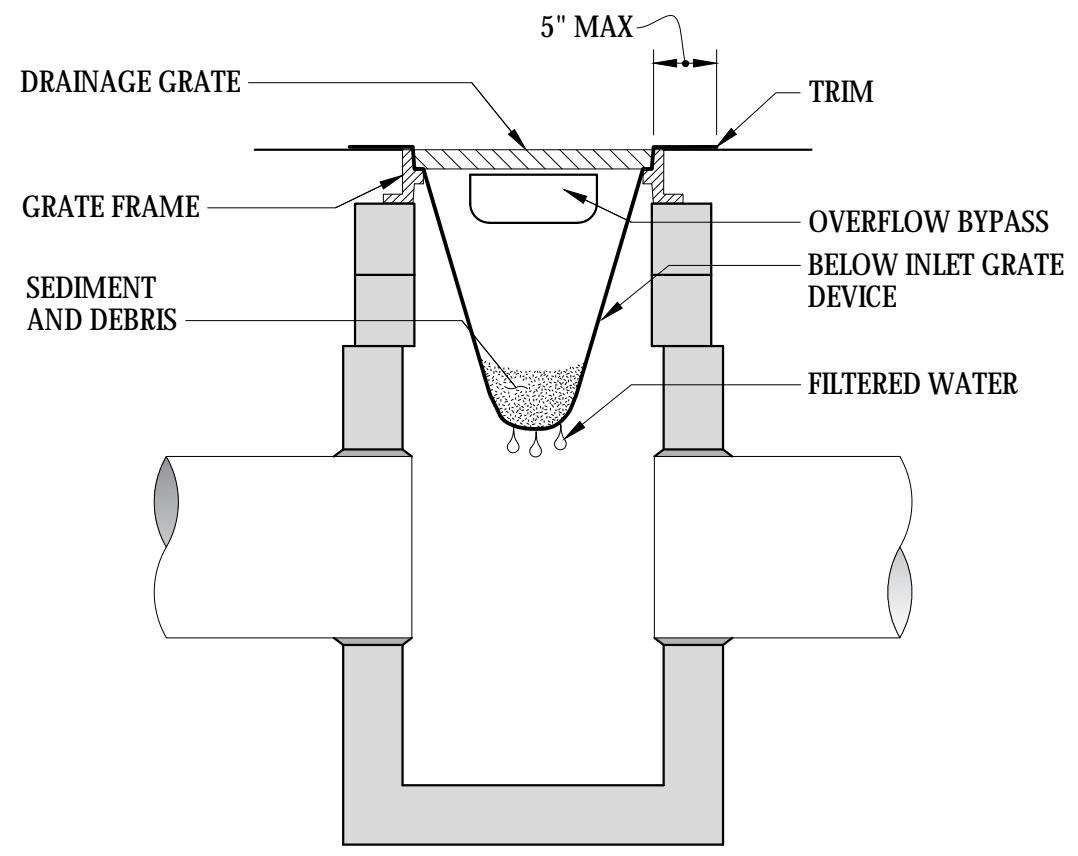


## NOTES

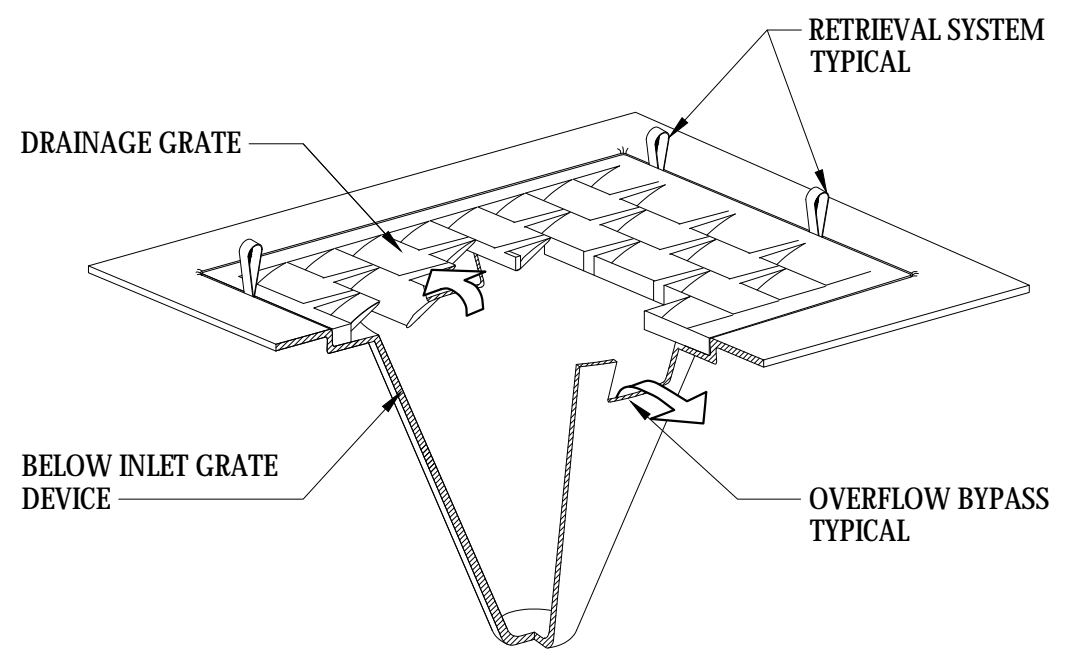
1. SHAPE OF SUMP AREA MAY VARY TO FIT DRAINAGE AREA AND TERRAIN. MODIFY AS NECESSARY TO ENSURE SATISFACTORY TRAPPING OF SEDIMENT. HALF-CIRCLE SUMP MAY BE USED WHEN CURB AND GUTTER ARE INSTALLED DURING STREET CONSTRUCTION.
2. CLEAN OUT WHEN SEDIMENT REACHES 6" BELOW GRATE.
3. TEMPORARILY LEAVE OUT BLOCK. 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.

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 PLOTTED: 1/23/2019 4:28 PM

 <b>CITY OF EVERETT</b> PUBLIC WORKS DEPARTMENT		City Engineer <b>RYAN SASS</b>		Section Manager <b>HEATHER GRIFFIN</b>	CAD Manager <b>PAUL WILHELM</b>	Drawn By <b>ESH</b>	Current Rev Date <b>03/17/2017</b>
		TITLE <b>EXCAVATED INLET PROTECTION</b>					



**SECTION VIEW**



**ISOMETRIC VIEW**

**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).

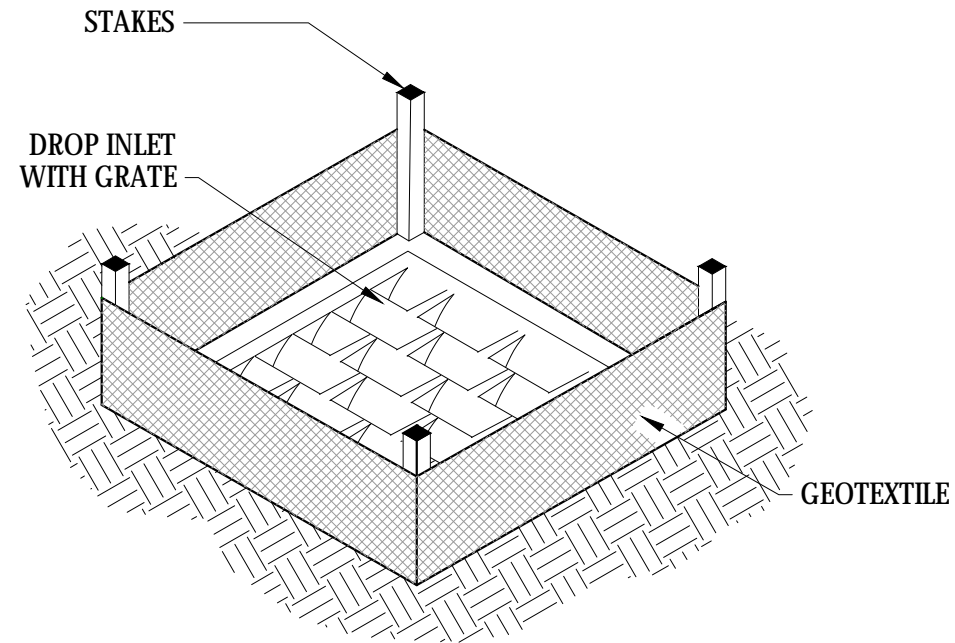
WSDOT STD PLAN I-40.20-00 ACCEPTABLE SUBSTITUTE IF MAINTENANCE MEETS NOTES 1-5

		<b>CITY OF EVERETT</b> PUBLIC WORKS DEPARTMENT	
		City Engineer RYAN SASS	Section Manager HEATHER GRIFFIN
TITLE <b>STORM DRAIN INLET PROTECTION</b>			Current Rev Date <b>12/30/2016</b> <small>STANDARD DRAWING No.</small> <b>210</b>

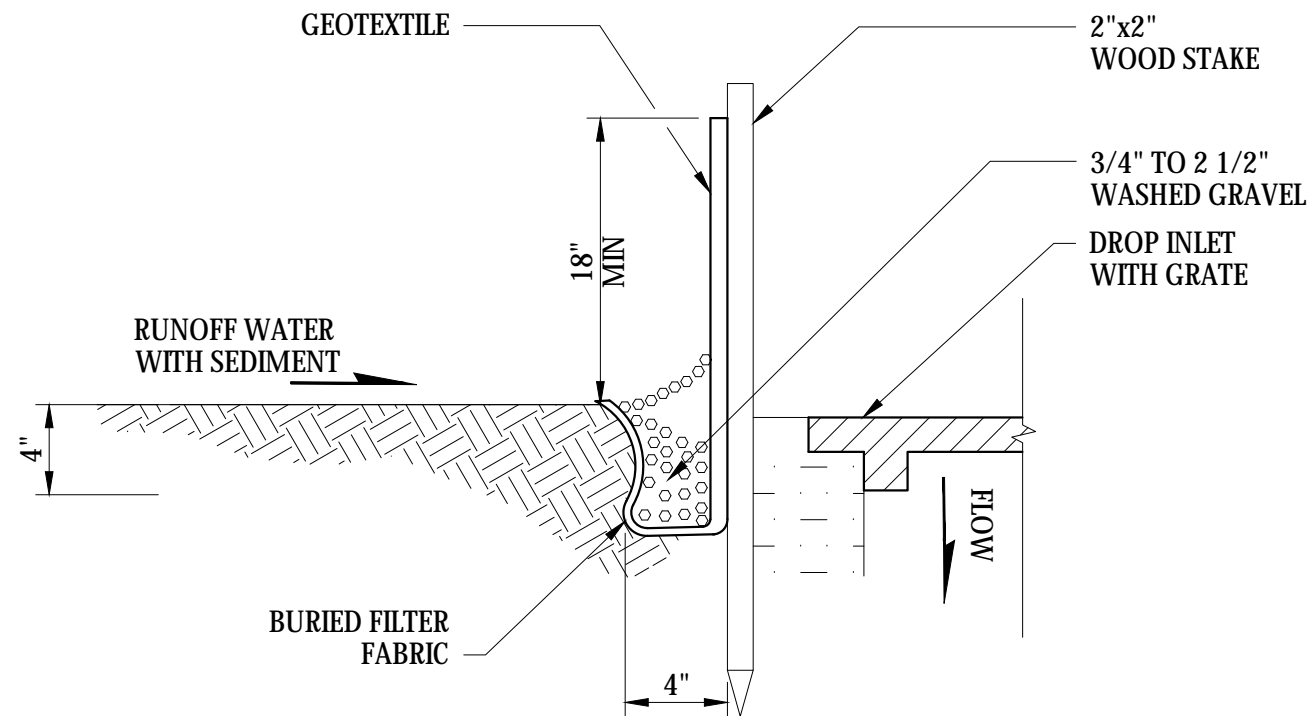
T:\ACAD\EPS-COE DESIGN & CONSTR SPECS FOR DEVELOPMENT\IN-WORK\STD210.DWG  
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**NOTES**

1. ALL FILTER FABRIC SHALL BE GEOTEXTILE FOR TEMPORARY SILT FENCE. SEE WSDOT STANDARD SPECIFICATION 9-33.2(1) TABLE 6.




**ISOMETRIC VIEW**



**SECTION VIEW**

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		<b>CITY OF EVERETT</b> PUBLIC WORKS DEPARTMENT	
City Engineer RYAN SASS	Section Manager HEATHER GRIFFIN	CAD Manager PAUL WILHELM	Drawn By ESH
TITLE <b>INLET FABRIC FENCE FILTER</b>			Current Rev Date <b>12/30/2016</b> STANDARD DRAWING No. <b>212</b>

ATTACH IN A MANNER THAT ASSURES FABRIC IS FIRMLY HELD BY THE BACKUP SUPPORT IN A WAY THAT REDUCES THE POTENTIAL FOR FABRIC TEARING

BACKUP SUPPORT

BACKFILLED & COMPACTED NATIVE SOIL

GEOTEXTILE

FLOW

BURY GEOTEXTILE IN TRENCH

POST SEE WSDOT STANDARD SPECIFICATIONS 8-01.3(9)A

FASTEN GEOTEXTILE TO POST EVERY 6" IN O.C.

2'-0" MIN

SELF-LOCKING TIE-NYLONE 6/6 (MIN GRADE) 120# MIN TENSILE STRENGTH, UV STABILIZED

4"

2'-0" MIN

**TYPICAL INSTALLATION DETAIL**

GEOTEXTILE FOR SILT FENCE SEE STANDARD SPECIFICATION SECTION 9-33.2 (1), TABLE 6

SHEET FLOW (TYPICAL)

SEE NOTE 1

PROTECTED AREA

INSTALL BACKUP SUPPORT FOR THE GEOTEXTILE SEE STANDARD SPECIFICATION SECTION 8.01.3(9)A

6'-0" MAX SPACING PROTECTED AREA

TYPICAL SILT FENCE WITH BACKUP SUPPORT

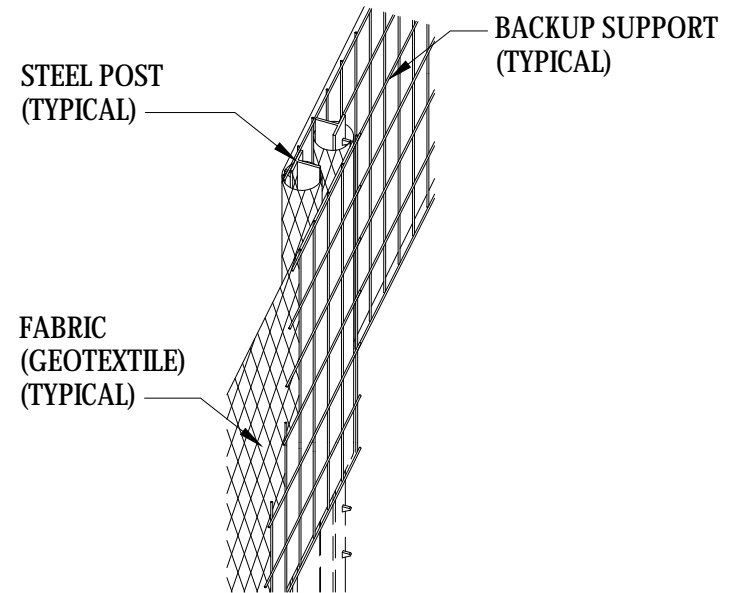
**ISOMETRIC**

SEE NOTE 1

PROTECTED AREA

**NOTES**

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.



SPLICED FENCE SECTIONS SHALL BE CLOSE ENOUGH TOGETHER TO PREVENT SILT LADEN WATER FROM ESCAPING THROUGH THE FENCE AT THE OVERLAP.

**SPLICE DETAIL**

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



**CITY OF EVERETT**  
PUBLIC WORKS DEPARTMENT

City Engineer RYAN SASS	Section Manager HEATHER GRIFFIN	CAD Manager PAUL WILHELM	Drawn By ESH	Current Rev Date 03/17/2017
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**TEMPORARY SILT FENCE**

**214**