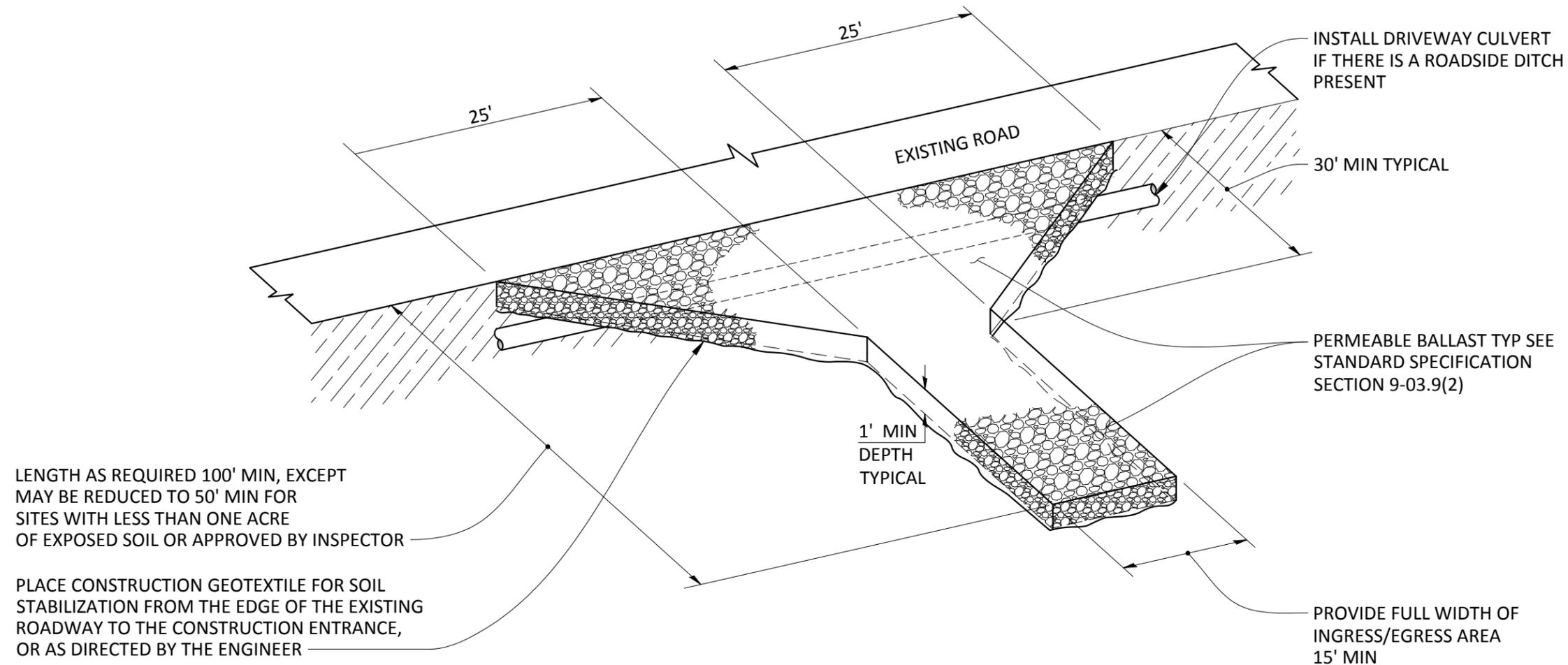


NOTES

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



**ISOMETRIC VIEW
CONSTRUCTION ENTRANCE**

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WSDOT STD PLAN I-80.10-02 ACCEPTABLE SUBSTITUTE



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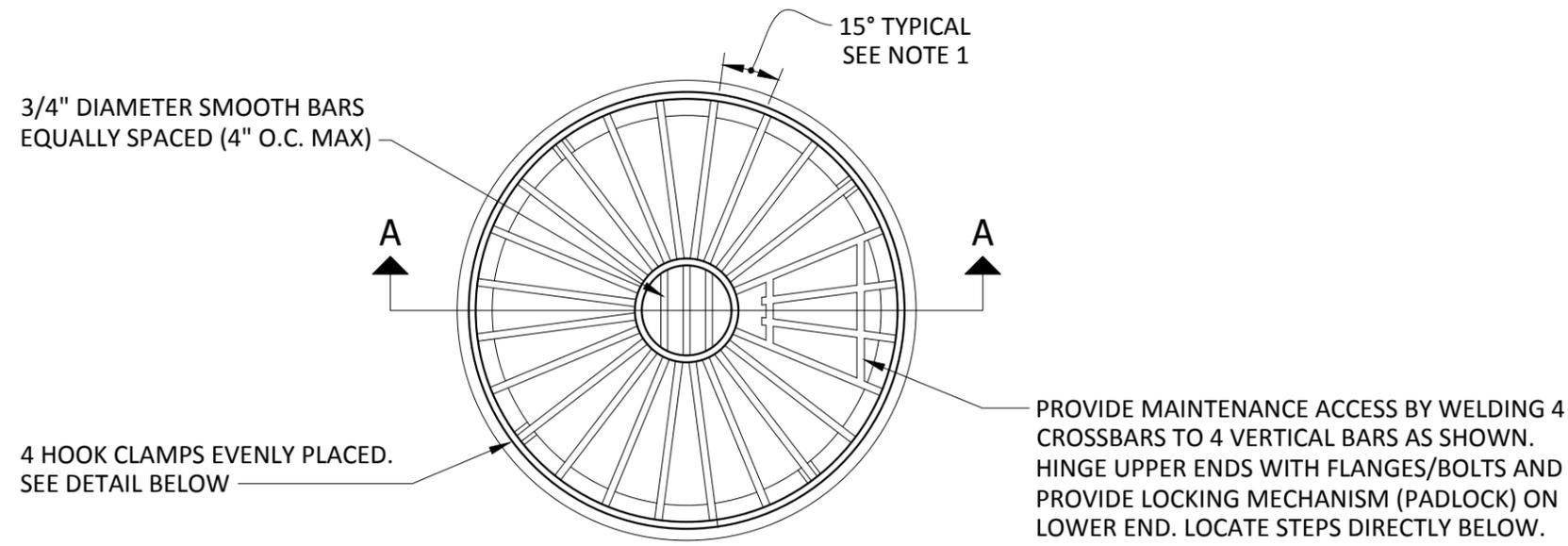
CONSTRUCTION ACCESS

201

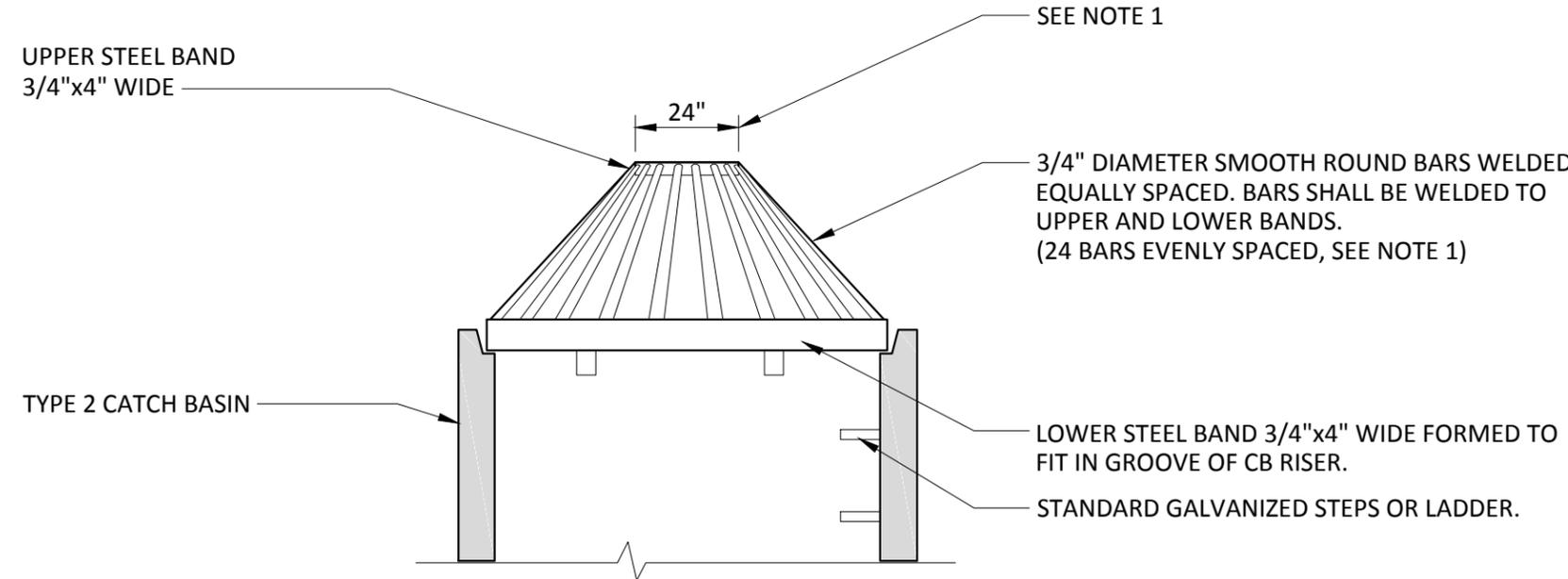
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NOTES

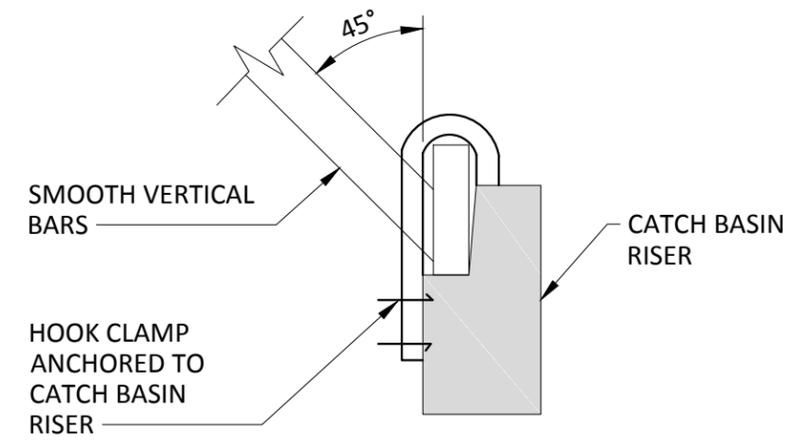
1. DIMENSIONS ARE FOR ILLUSTRATION ON 54" DIAMETER CATCH BASIN. FOR DIFFERENT DIAMETER CATCH BASINS ADJUST TO MAINTAIN 45 DEGREE ANGLE ON "VERTICAL BARS AND 7" O.C. MAXIMUM SPACING OF BARS AROUND LOWER STEEL BAND.
2. METAL PARTS MUST BE CORROSION RESISTANT; STEEL BARS MUST BE GALVANIZED.
3. THIS DEBRIS BARRIER IS ALSO RECOMMENDED FOR USE ON THE INLET TO ROADWAY CROSS-CULVERTS WITH HIGH POTENTIAL FOR DEBRIS COLLECTION (EXCEPT ON TYPE 2 STREAMS).



PLAN VIEW



SECTION A-A



HOOK CLAMP DETAIL

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 CITY OF EVERETT EVERETT PUBLIC WORKS DEPARTMENT				
City Engineer RYAN SASS	Section Manager HEATHER GRIFFIN	CAD Manager PAUL WILHELM	Drawn By ESH	Current Rev Date 12/30/2016
TITLE TYPE 2 DEBRIS CAGE				STANDARD DRAWING No. 203

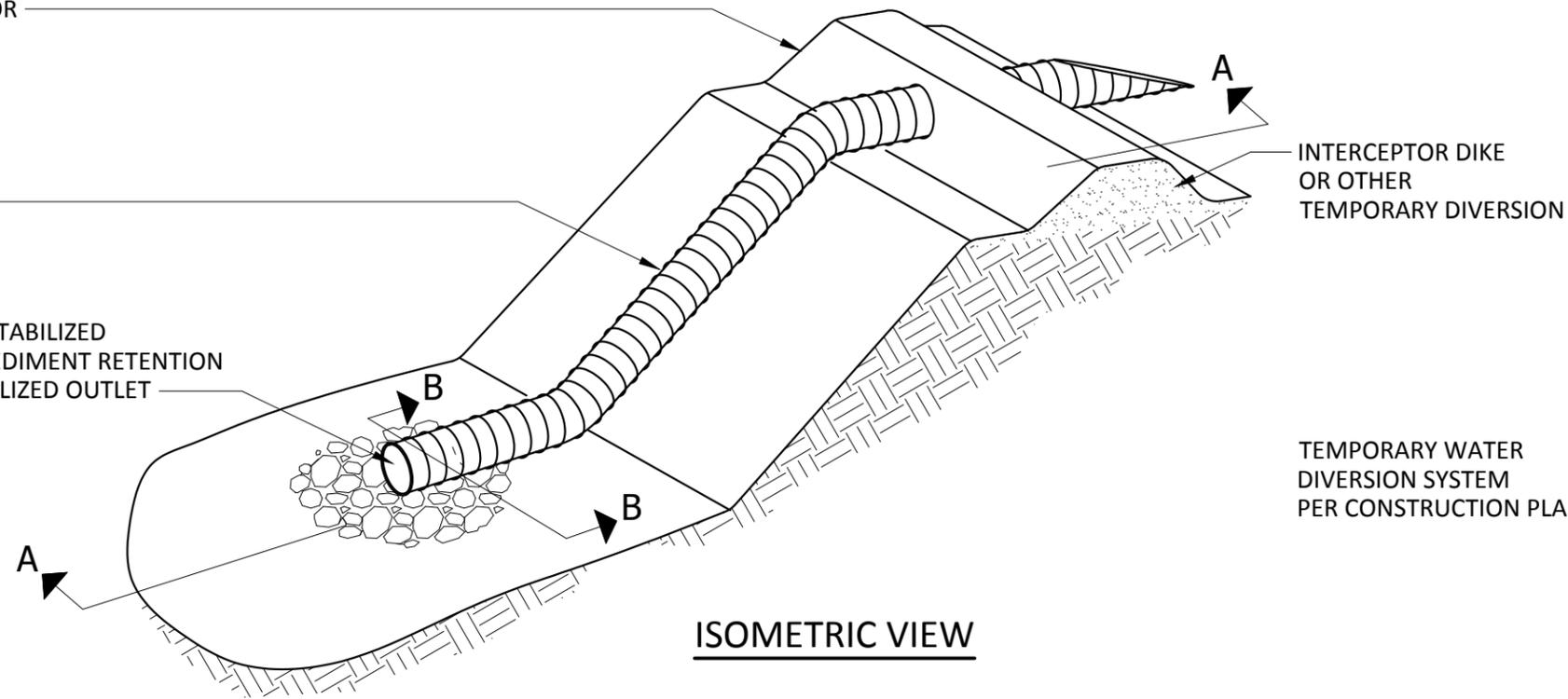
NOTES

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

DIKE MATERIAL COMPACTED 90%
MODIFIED PROCTOR

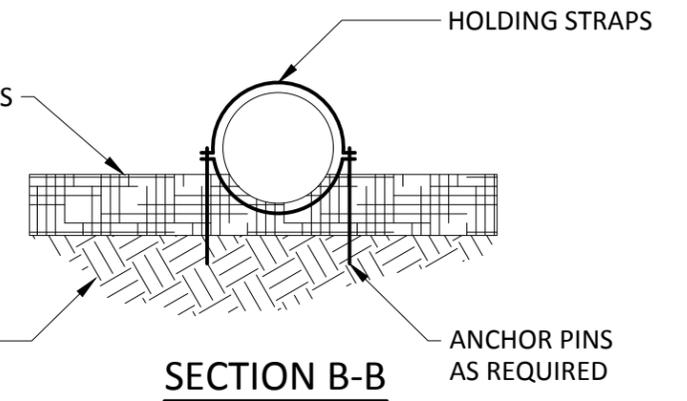
CPEP OR
EQUIVALENT PIPE

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



TEMPORARY WATER
DIVERSION SYSTEM
PER CONSTRUCTION PLANS

EXISTING GROUND

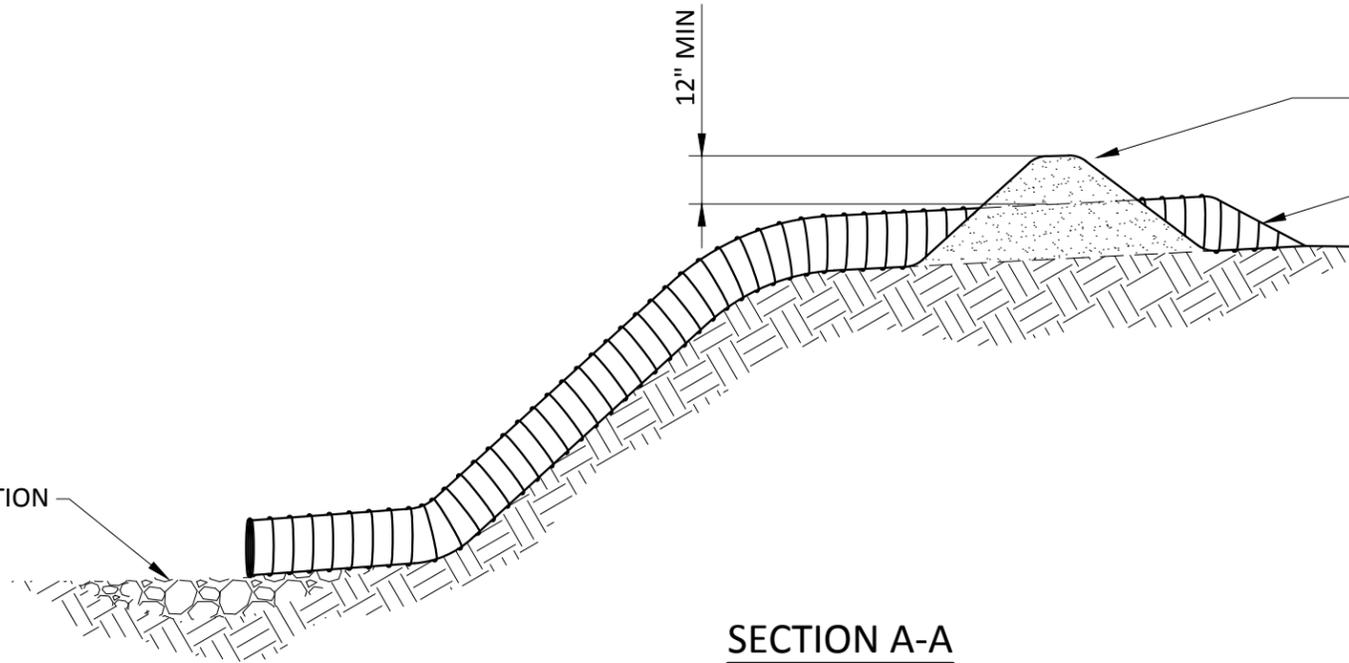


12" MIN

INTERCEPTOR DIKE OR OTHER
TEMPORARY DIVERSION

STANDARD FLARED END SECTION

PROVIDE RIPRAP PAD OR
EQUIVALENT ENERGY DISSIPATION



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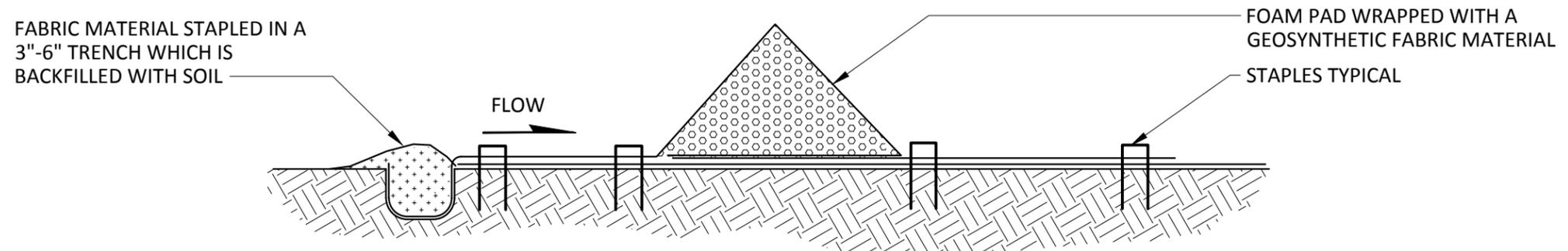
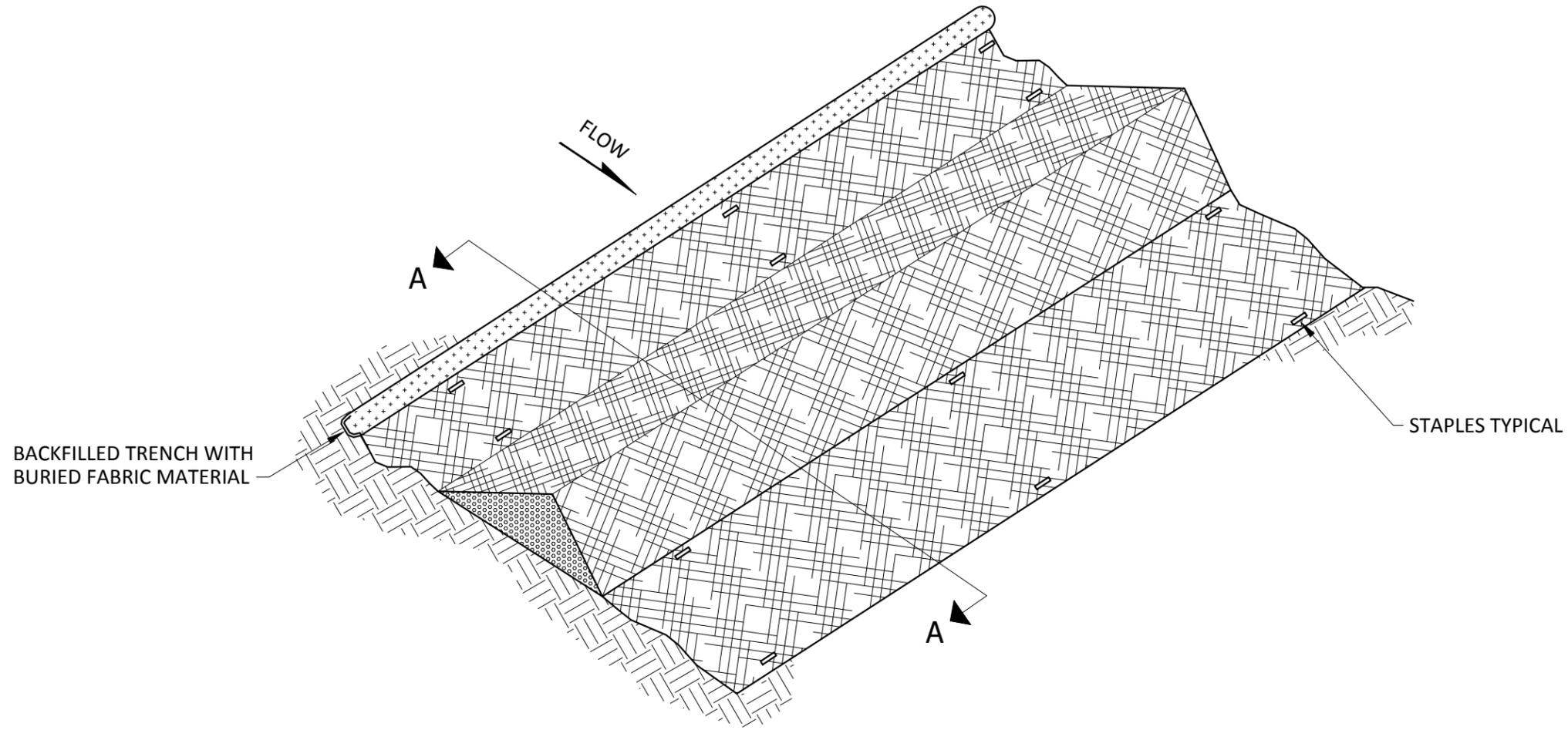
TITLE TEMPORARY PIPE SLOPE DRAIN	STANDARD DRAWING No. 205
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DRAFT

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NOTES

1. PROVIDE 8 LINEAL FEET PER 1 CFS RUNOFF.

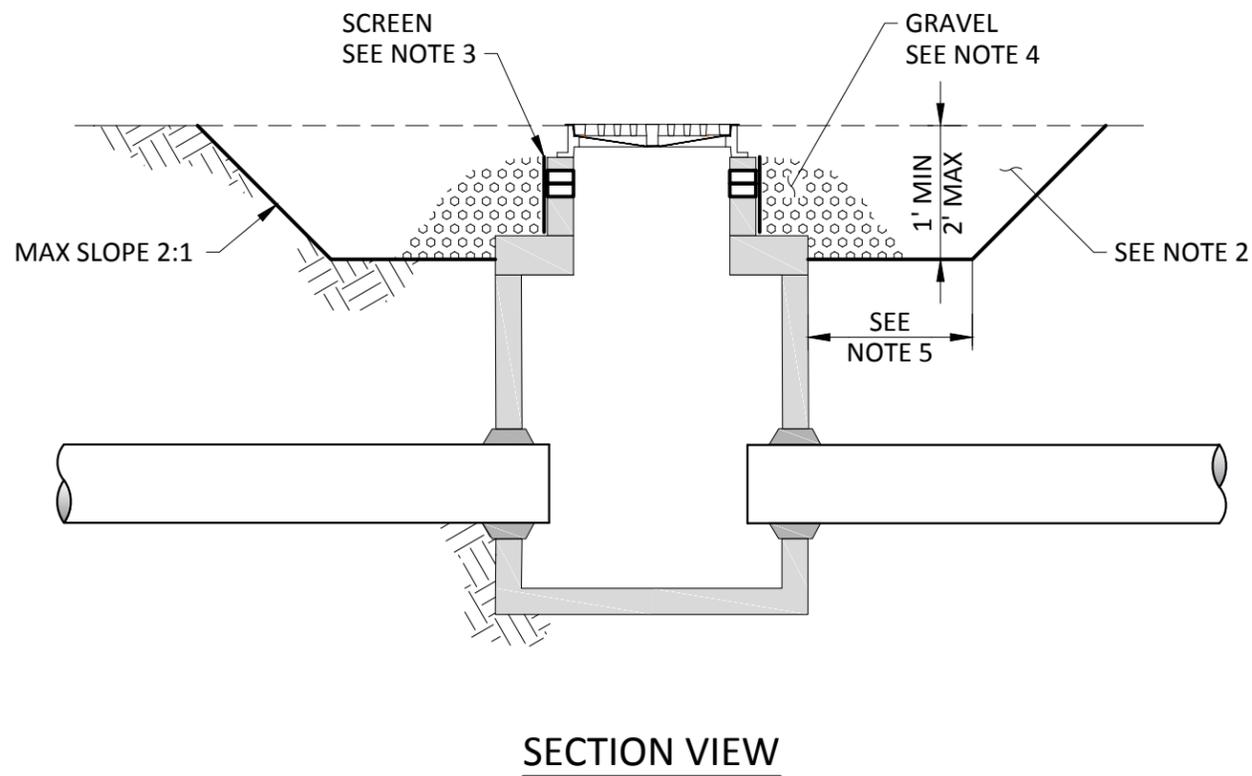
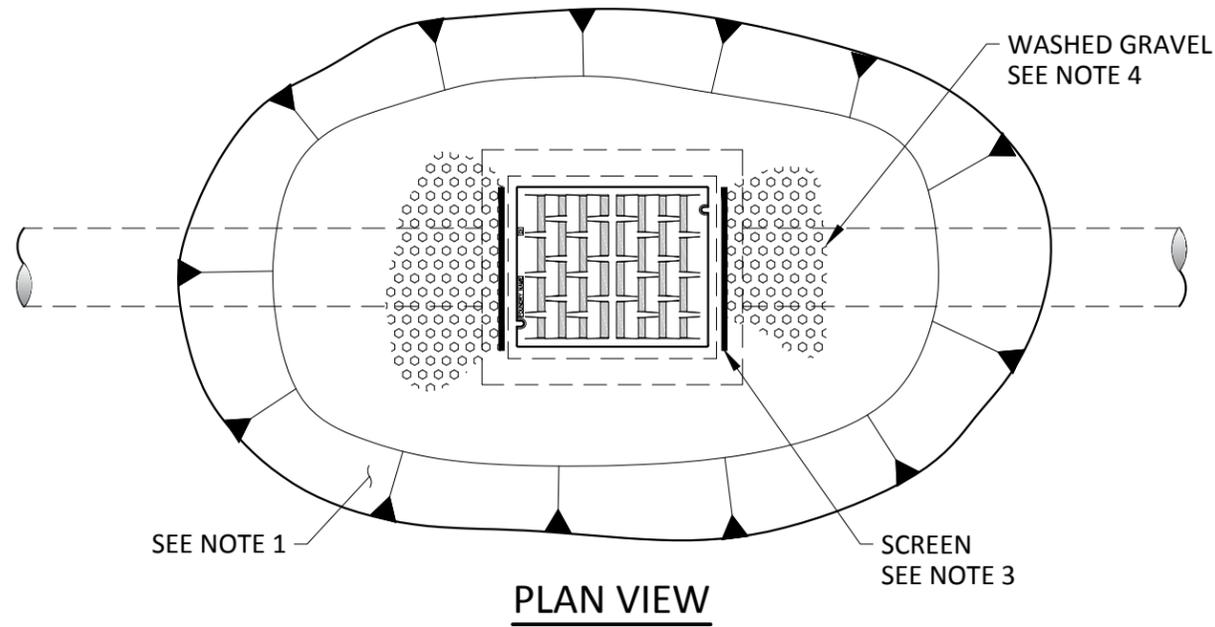


CROSS SECTION A-A

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

DRAFT



NOTES

1. SHAPE OF SEDIMENTATION POND MAY VARY TO FIT DRAINAGE AREA AND TERRAIN. MODIFY AS NECESSARY TO ENSURE SATISFACTORY TRAPPING OF SEDIMENT. HALF-CIRCLE POND 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 WASHED GRAVEL IN FRONT OF SCREEN TO FILTER SEDIMENT.
5. SIZE POND BASED ON EXPECTED FLOWS DURING CONSTRUCTION.
6. TO PREVENT SEDIMENTATION FROM ENTERING STORM DRAINAGE SYSTEM AT CATCH BASIN/INLETS DURING CONSTRUCTION.

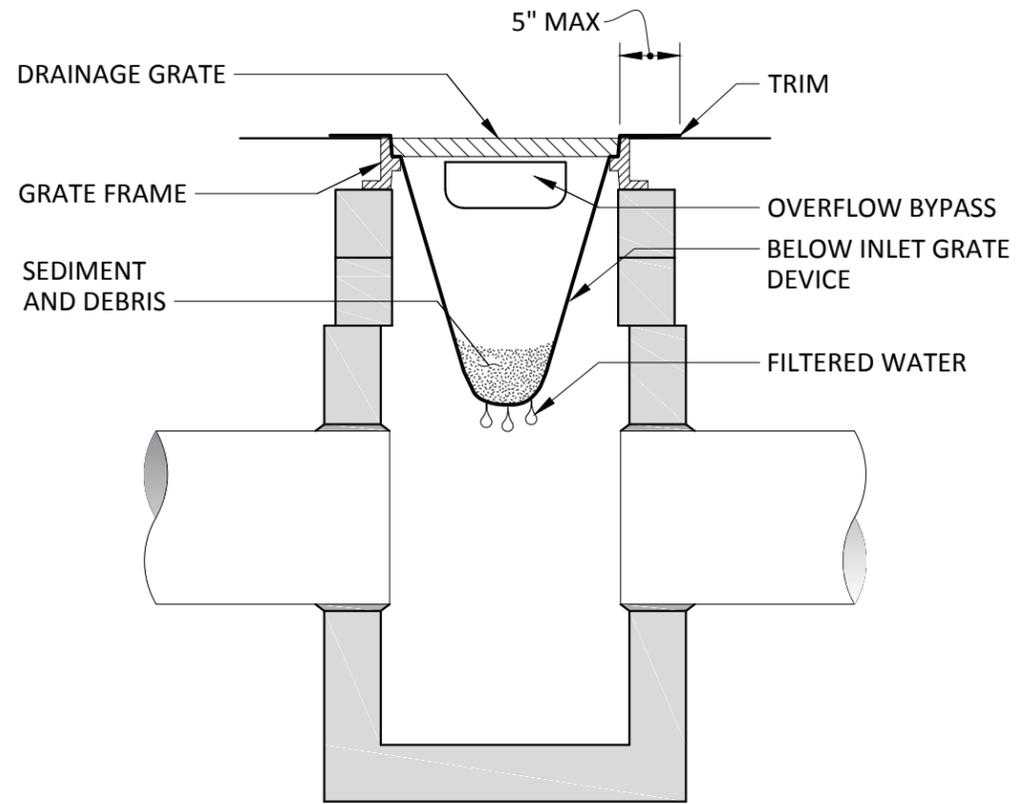
T:\ACAD\EPS-COE DESIGN & CONSTR SPECS FOR DEVELOPMENT\IN-WORK\STD208.DWG
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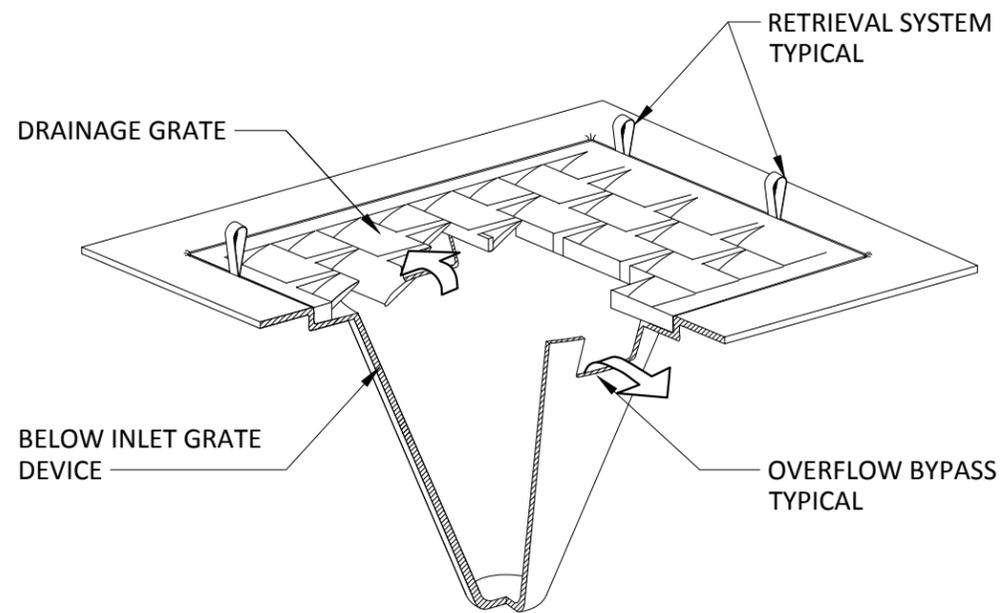
City Engineer RYAN SASS	Section Manager HEATHER GRIFFIN	CAD Manager PAUL WILHELM	Drawn By ESH	Current Rev Date 12/30/2016
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TITLE EXCAVATED DROP INLET	STANDARD DRAWING No. 208
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DRAFT



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



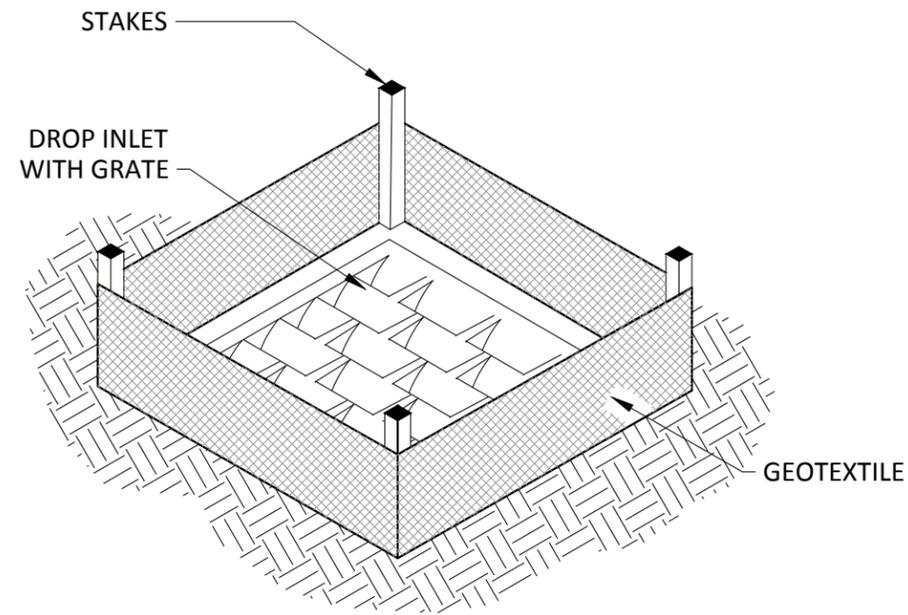
City Engineer RYAN SASS	Section Manager HEATHER GRIFFIN	CAD Manager PAUL WILHELM	Drawn By ESH	Current Rev Date 12/30/2016
TITLE STORM DRAIN INLET PROTECTION				STANDARD DRAWING No. 210

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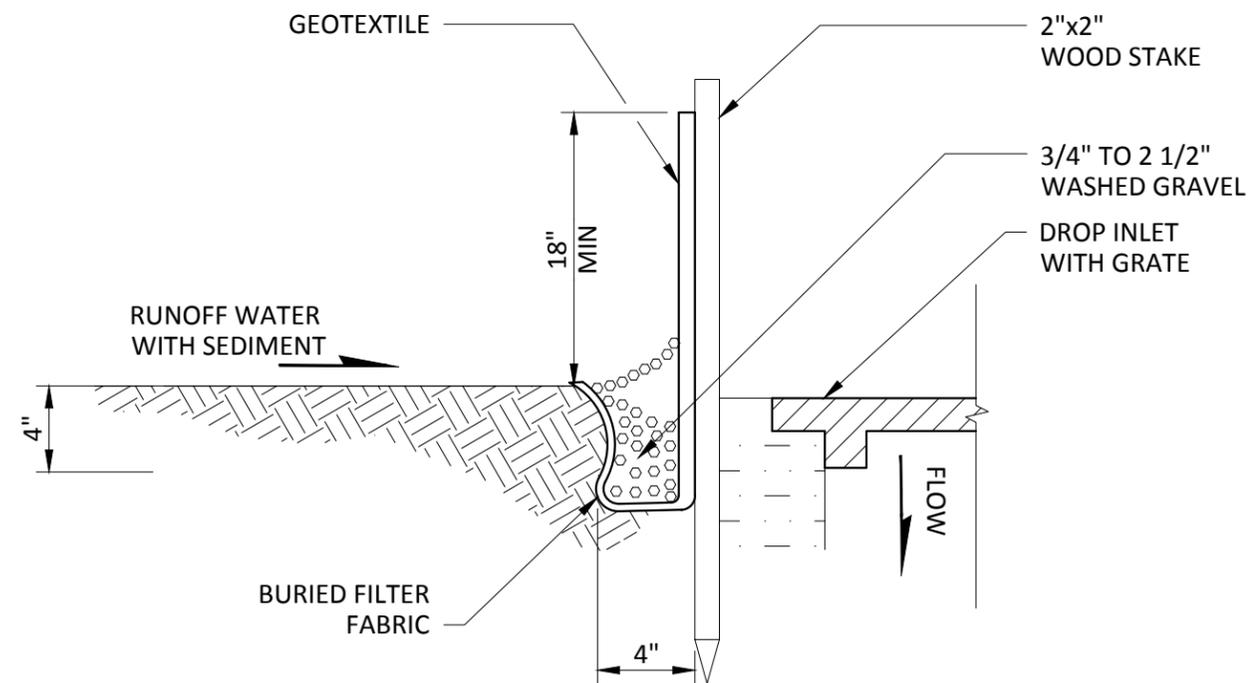
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NOTES

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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City Engineer RYAN SASS	Section Manager HEATHER GRIFFIN	CAD Manager PAUL WILHELM	Drawn By ESH
TITLE INLET FABRIC FENCE FILTER			Current Rev Date 12/30/2016 STANDARD DRAWING No. 212

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

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

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

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

BACKUP SUPPORT

BACKFILLED & COMPACTED NATIVE SOIL

GEOTEXTILE

FLOW

BURY GEOTEXTILE IN TRENCH

2'-0" MIN

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

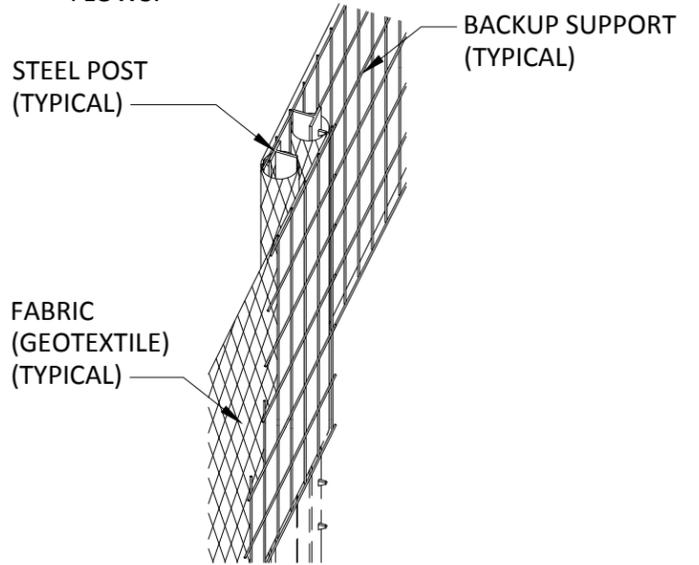
ISOMETRIC

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 THE PROJECT ENGINEER APPROVES THE INSTALLATION.
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 CONCENT-RATING 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
EVERETT PUBLIC WORKS DEPARTMENT

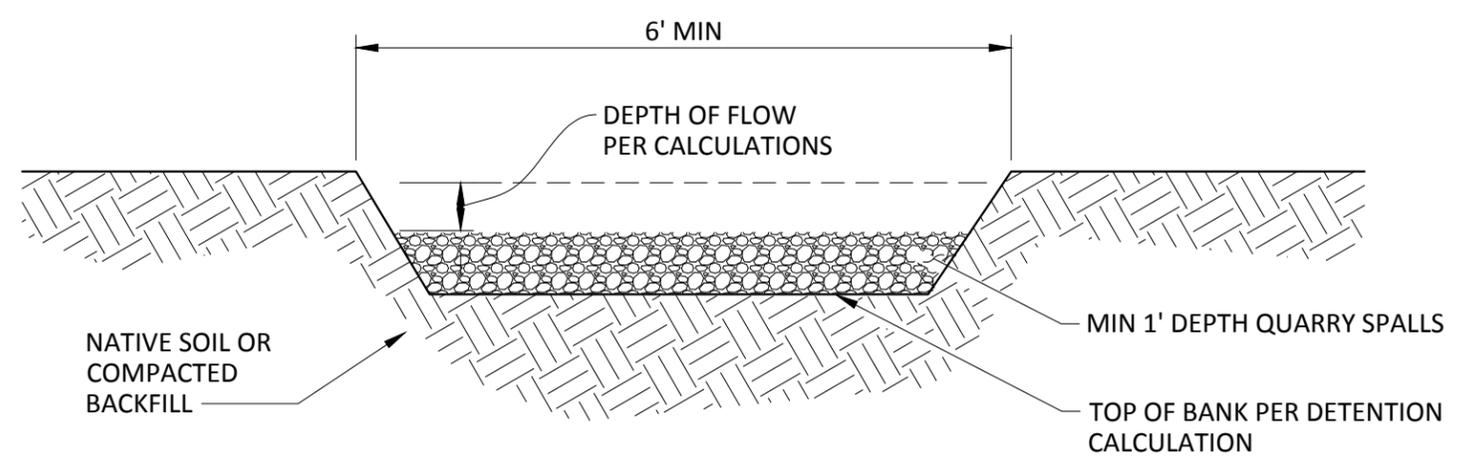
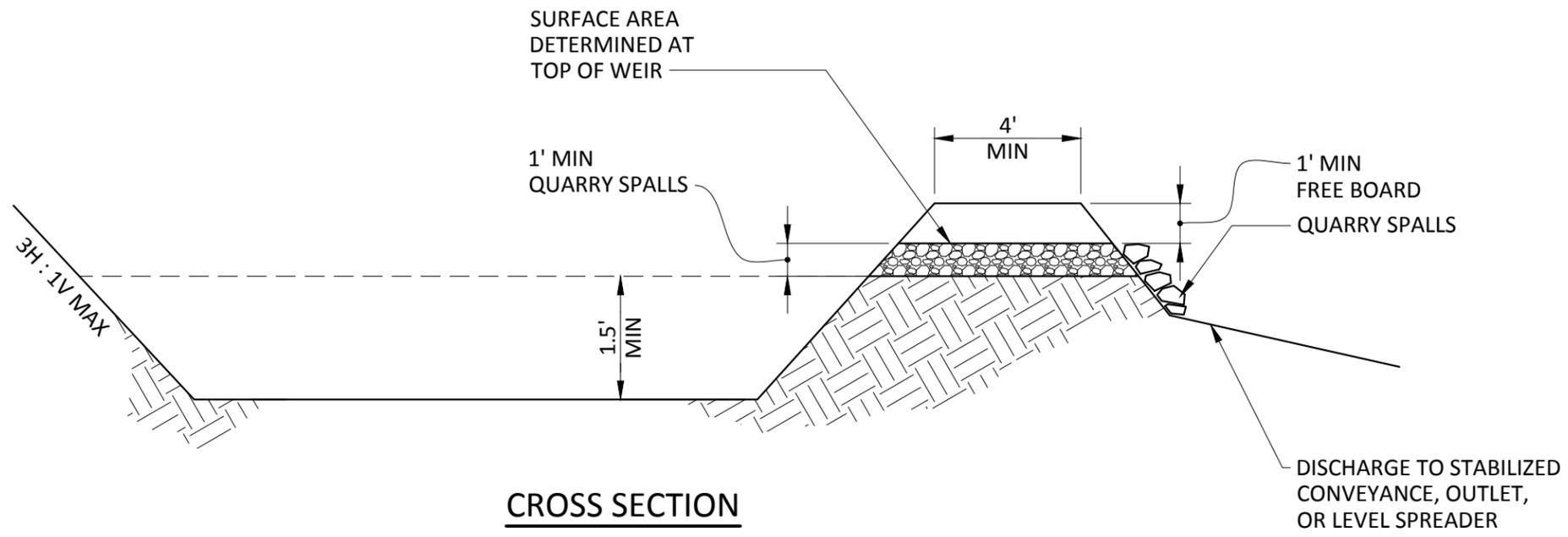
City Engineer RYAN SASS	Section Manager HEATHER GRIFFIN	CAD Manager PAUL WILHELM	Drawn By ESH	Current Rev Date 12/30/2016
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TEMPORARY SILT FENCE

214

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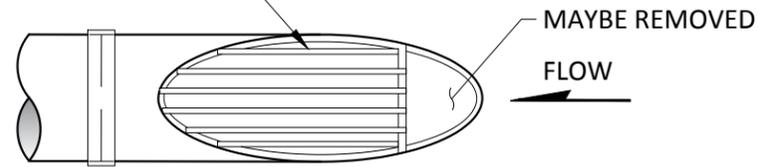
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 CITY OF EVERETT EVERETT PUBLIC WORKS DEPARTMENT		City Engineer RYAN SASS	Section Manager HEATHER GRIFFIN	CAD Manager PAUL WILHELM	Drawn By ESH	Current Rev Date 12/30/2016
TITLE EMERGENCY POND OVER FLOW						STANDARD DRAWING No. 216

NOTES

1. CMP END SECTION SHOWN. MAY USE CPEP SMOOTH INTERIOR.
2. ALL STEEL PARTS MUST BE GALVANIZED AND ASPHALT COATED (TREATMENT 1 OR BETTER).

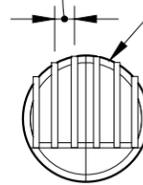
3/4" DIA SMOOTH BARS WITH ENDS
WELDED TO BAR FRAME



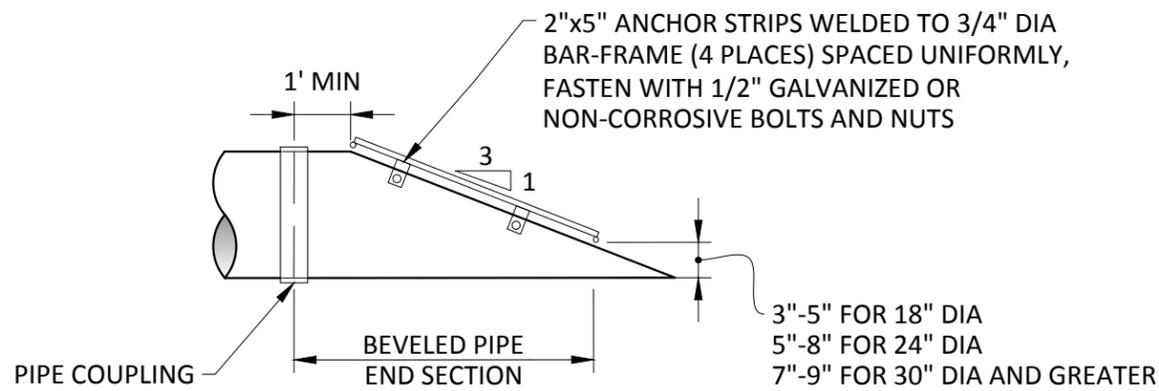
PLAN VIEW

4" O.C. MAX
BAR SPACING

3/4" DIA BAR-FRAME



END VIEW



SIDE VIEW

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TITLE			Current Rev Date 12/30/2016
PIPE END DEBRIS BARRIER			STANDARD DRAWING No. 217

DRAFT