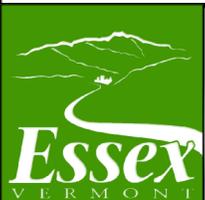


NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT TRACKED, SPILLED, OR WASHED ONTO PUBLIC RIGHTS-OF-WAY SHALL BE REMOVED IMMEDIATELY BY THE CONTRACTOR.
2. THE USE OF CALCIUM CHLORIDE OR WATER MAY BE NECESSARY TO CONTROL DUST. PROVIDE APPROPRIATE TRANSITION BETWEEN STABILIZED CONSTRUCTION ENTRANCE AND PUBLIC RIGHT-OF-WAY.
3. A TEMPORARY CROSS CULVERT SHALL BE INSTALLED AS REQUIRED, OR AS DIRECTED BY THE TOWN, IF THE ENTRANCE SPANS AN EXISTING SWALE/DITCH. THE TEMPORARY CULVERT SHALL ONLY BE REMOVED WHEN THE PERMANENT CULVERT HAS BEEN INSTALLED.



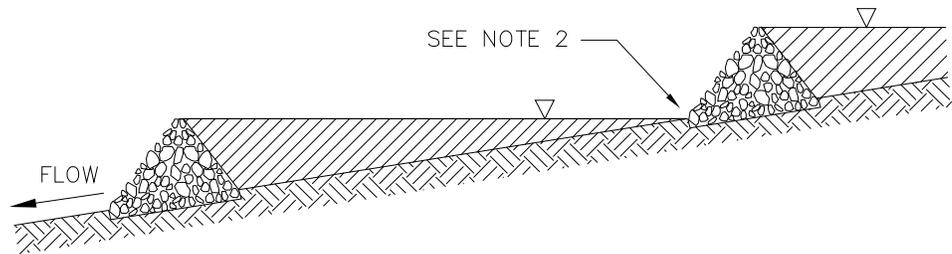
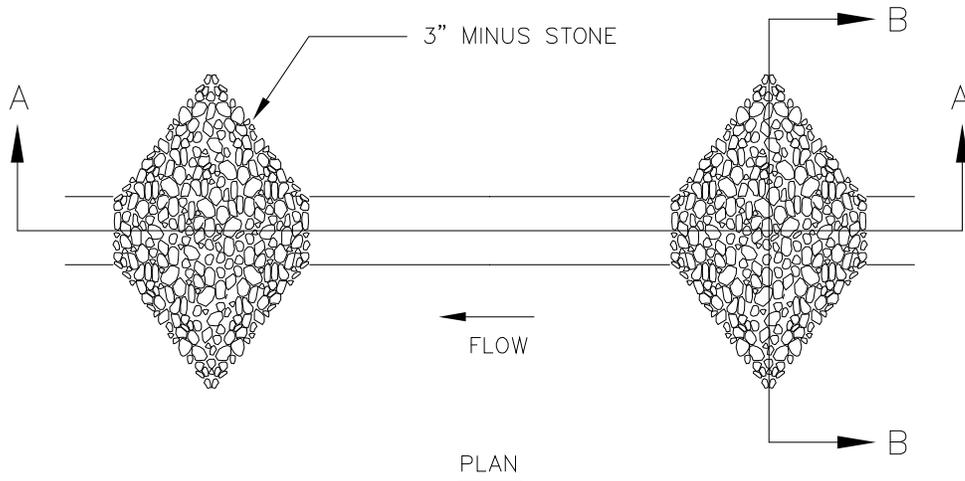
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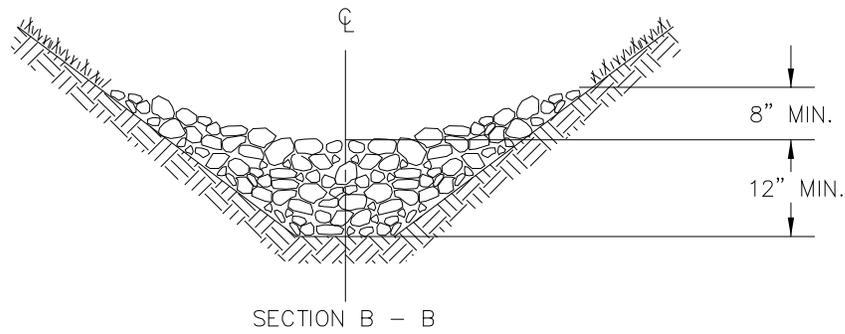
**STABILIZED CONSTRUCTION
ENTRANCE**

Detail No: 500.01
Scale: NOT TO SCALE
Date: JAN. 2017

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SECTION A - A



SECTION B - B

NOTES:

1. THE CONTRACTOR SHALL MAINTAIN THE GRASS LINED SWALES AND STONE CHECK DAMS THROUGHOUT CONSTRUCTION. THE DAMS SHALL BE MAINTAINED AFTER EACH STORM EVENT. ANY DAMAGE OR EROSION SHALL BE REPAIRED IMMEDIATELY.
2. PLACE DOWNSTREAM CHECK DAM SO THAT THE TOP CENTER OF THE DAM IS LEVEL WITH THE FINISH GRADE AT THE BASE OF THE CLOSEST UPSTREAM DAM.



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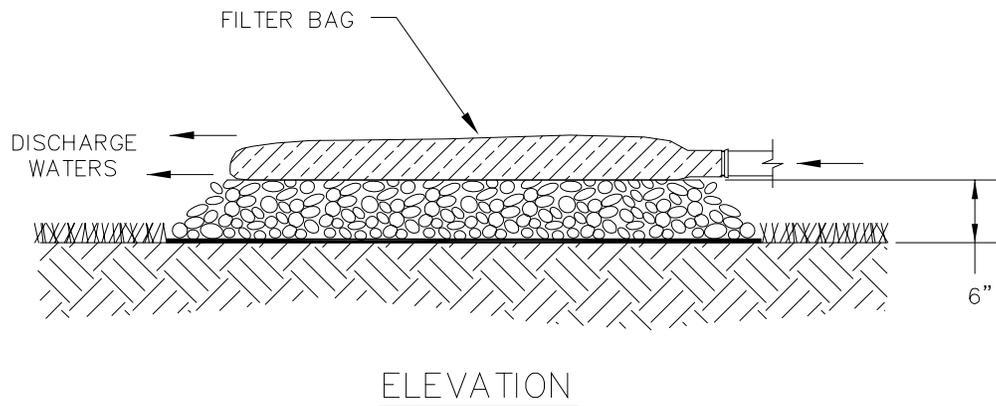
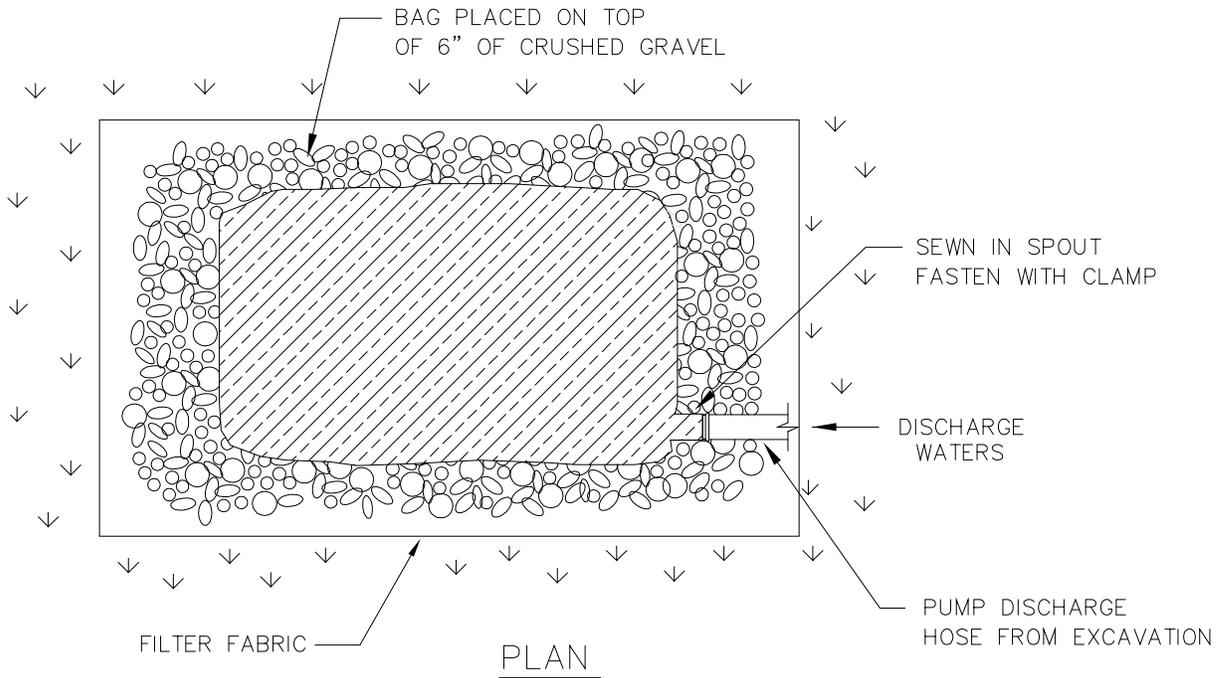
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STONE CHECK DAM

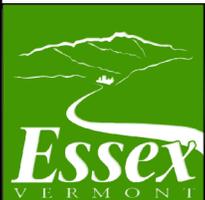
Detail No: 500.02
Scale: NOT TO SCALE
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NOTES:

1. DISCHARGE WATER ONTO A GRASSED LINED SWALE, GRASS FIELD OR INTO A SECONDARY SEDIMENT CONTAINMENT SYSTEM.
2. IF FILTER BAG IS PLACED ON A LEVEL PLANE, CONSTRUCT A CONTAINMENT BERM AROUND BAG TO DIRECT DISCHARGE AWAY FROM CONSTRUCTION AREA.
3. BAG CONTENTS SHALL BE DISPOSED OF IN AN APPROVED AREA WHEN THE BAG CAN NO LONGER EFFECTIVELY FILTER SEDIMENT OR ALLOW FLOW TO PASS AT A REASONABLE RATE.



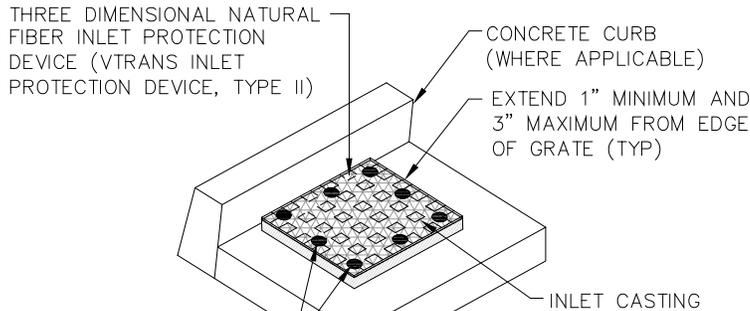
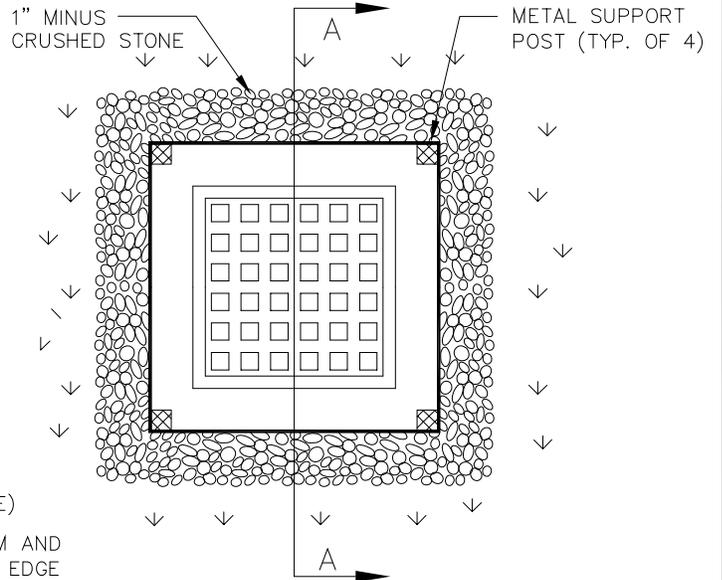
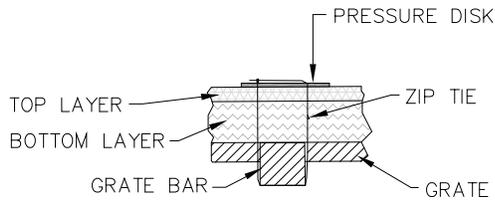
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STANDARD SPECIFICATIONS FOR CONSTRUCTION

SEDIMENT CONTAINMENT
FILTER BAG

Detail No: 500.03
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THREE DIMENSIONAL NATURAL FIBER INLET PROTECTION DEVICE (VTRANS INLET PROTECTION DEVICE, TYPE II)

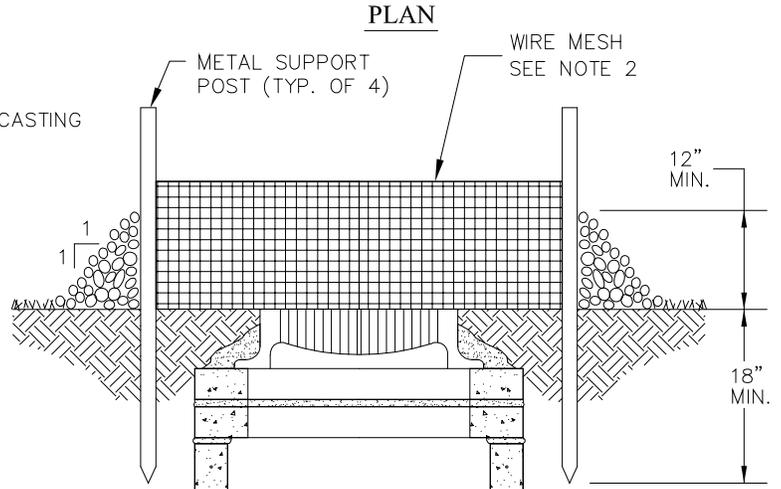
CONCRETE CURB (WHERE APPLICABLE)

EXTEND 1" MINIMUM AND 3" MAXIMUM FROM EDGE OF GRATE (TYP)

INLET CASTING

SECURE USING 3-1/2" DIA. PRESSURE DISKS AND 175# PLASTIC TIES FASTENED TO INLET GRATE (TYP)

INLET PROTECTION (TYPE II)
NTS



NOTES:

1. THE CONTRACTOR SHALL MAINTAIN THE ROCK BARRIER INLET PROTECTION THROUGHOUT CONSTRUCTION. THE ROCK BARRIERS SHALL BE MAINTAINED AFTER EACH STORM EVENT. ANY DAMAGE OR EROSION SHALL BE REPAIRED IMMEDIATELY.
2. WIRE MESH WITH 1/2" MAXIMUM OPENINGS. SECURE MESH TIGHTLY TO METAL POSTS BEFORE PLACEMENT OF CRUSHED STONE.
3. CONCRETE CINDER BLOCKS SHALL BE PLACED AROUND THE DRAIN AREA SUCH THAT OPEN AREAS OF BLOCKS ALLOW FLOW TO GRATE. WIRE MESH WITH 1/2" MAXIMUM OPENINGS SHALL BE PLACED AROUND THE CONCRETE BLOCKS TO PREVENT CRUSHED STONE FROM WASHING INTO STRUCTURE.
4. THE CONTRACTOR SHALL MAINTAIN ALL INLET PROTECTION DEVICES THROUGH THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL REMOVE ALL SEDIMENT AND CONSTRUCTION DEBRIS FROM ALL CATCH BASINS WITHIN THE AREAS OF CONSTRUCTION.



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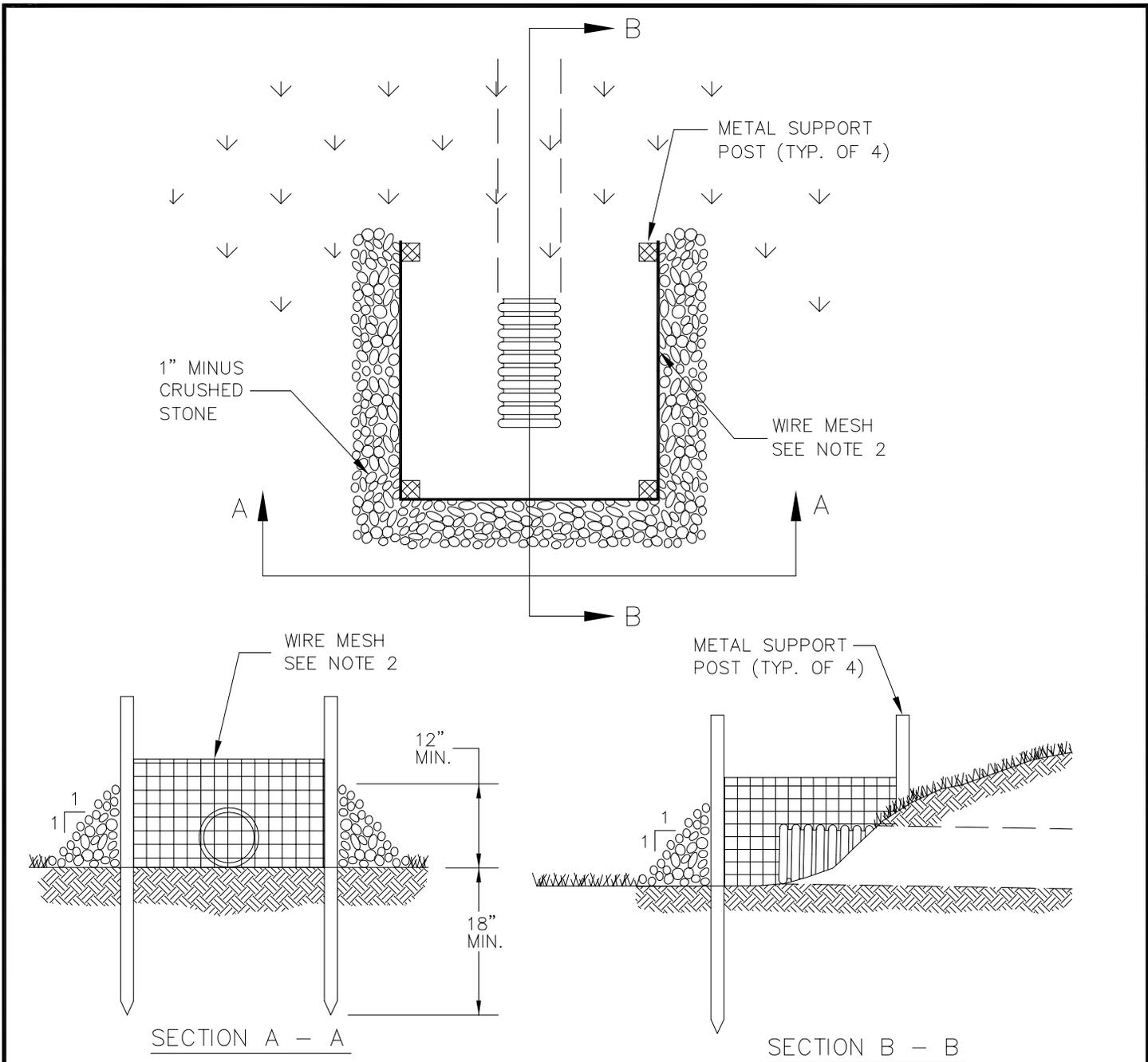
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**DRAINAGE INLET PROTECTION
DETAILS**

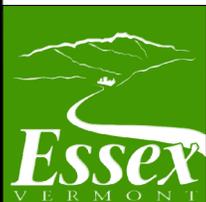
Detail No: 500.04
Scale: NOT TO SCALE
Date: JAN. 2017

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NOTES:

1. THE CONTRACTOR SHALL MAINTAIN THE CULVERT INLET PROTECTION THROUGHOUT CONSTRUCTION. THE CULVERT INLETS SHALL BE MAINTAINED AFTER EACH STORM EVENT. ANY DAMAGE OR EROSION SHALL BE REPAIRED IMMEDIATELY.
2. WIRE MESH WITH 1/2" MAXIMUM OPENINGS. SECURE MESH TIGHTLY TO METAL POSTS BEFORE PLACEMENT OF CRUSHED STONE.
3. THE CONTRACTOR SHALL MAINTAIN ALL INLET PROTECTION THROUGH THE DURATION OF THE PROJECT.



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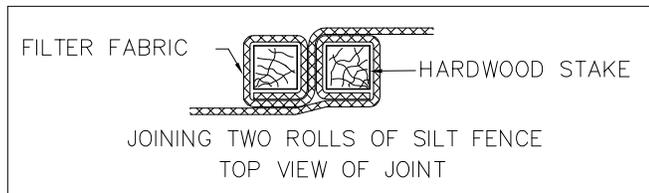
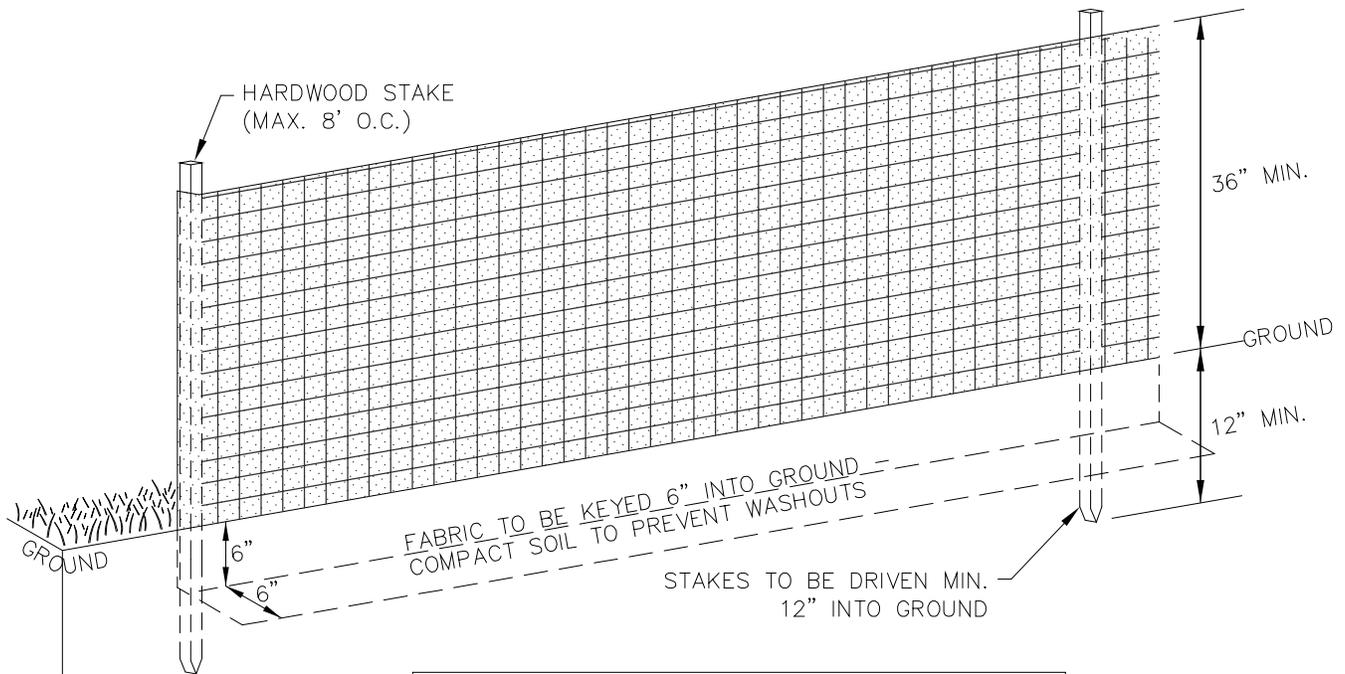
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**CULVERT INLET
PROTECTION**

Detail No: 500.05
 Scale: NOT TO SCALE
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EROSION CONTROL SPECIFICATIONS

1. PRIOR TO THE BEGINNING OF CONSTRUCTION OR EARTHMOVING, THE CONTRACTOR SHALL INSTALL A CONTINUOUS ROW OF SILT FENCE AT THE LIMIT OF DISTURBANCE AS SHOWN ON THE PROJECT PLANS.
2. TO ENSURE PROPER FUNCTION, THE SILT FENCE SHALL BE PROPERLY INSTALLED. THIS INCLUDES DRIVING THE POSTS TO A DEPTH OF 12 INCHES, KEYING THE SILT FENCE FABRIC 6 INCHES INTO THE GROUND, AND COMPACTING THE SOIL OVER THE KEYED-IN PORTION OF THE FABRIC. USE ONLY MANUAL METHODS OF INSTALLATION WITHIN WETLANDS AND BUFFER ZONES.
3. THE SILT FENCE SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION OF THE PROJECT AND UNTIL ESTABLISHMENT OF VEGETATION SUFFICIENT TO PREVENT SOIL EROSION. AFTER WORK IS COMPLETE AND THE DISTURBED SOIL HAS BEEN STABILIZED, THE CONTRACTOR SHALL REMOVE ALL SILT FENCE FROM THE SITE.
4. PROPER SILT FENCE MAINTENANCE SHALL INCLUDE INSPECTIONS AT REGULAR INTERVALS AND AFTER EVERY HEAVY RAINFALL TO ENSURE THAT THERE ARE NO BROKEN POSTS, FABRIC TEARS, WASHOUTS OF THE BOTTOM EDGE OF THE FABRIC, OR EXCESSIVE SEDIMENT ACCUMULATION. ANY DAMAGE OR DEFECTS SHALL BE REPAIRED IMMEDIATELY. SEDIMENT ACCUMULATION OF MORE THAN ONE-QUARTER THE HEIGHT OF THE FABRIC SHALL BE REMOVED AND PLACED IN AN APPROPRIATE AREA OUTSIDE WETLANDS AND BUFFER ZONES.
5. THE CONTRACTOR SHALL INSTALL SILT FENCE AT OTHER LOCATIONS AS NEEDED.



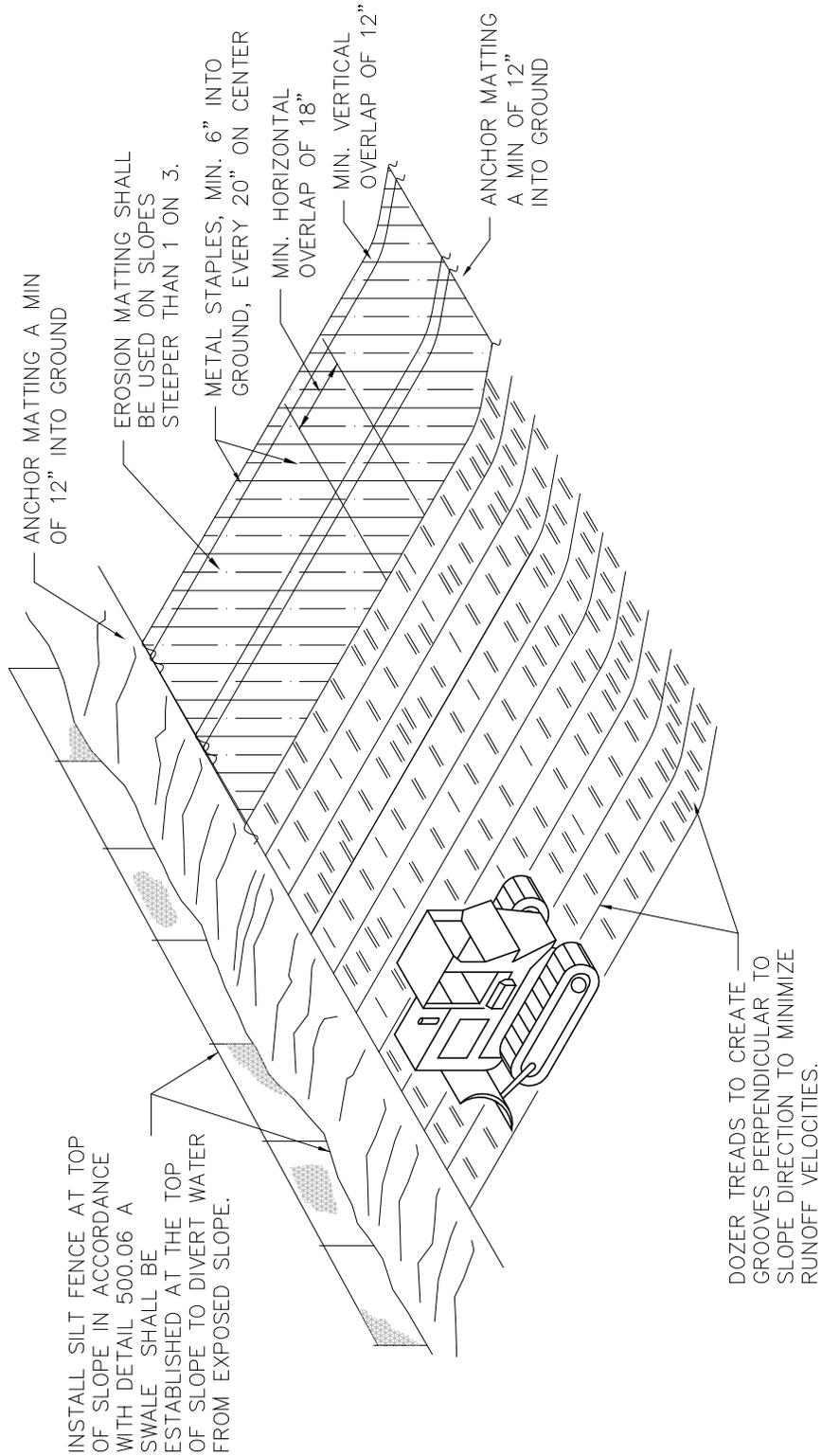
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SILT FENCE

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INSTALL SILT FENCE AT TOP OF SLOPE IN ACCORDANCE WITH DETAIL 500.06 A SWALE SHALL BE ESTABLISHED AT THE TOP OF SLOPE TO DIVERT WATER FROM EXPOSED SLOPE.

TOWN OF ESSEX, VERMONT
 STANDARD SPECIFICATIONS FOR CONSTRUCTION

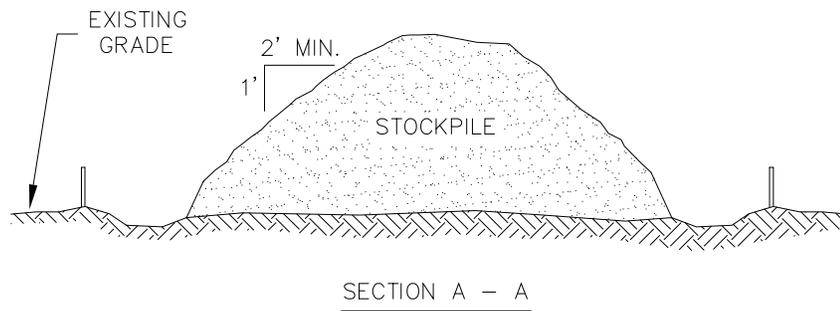
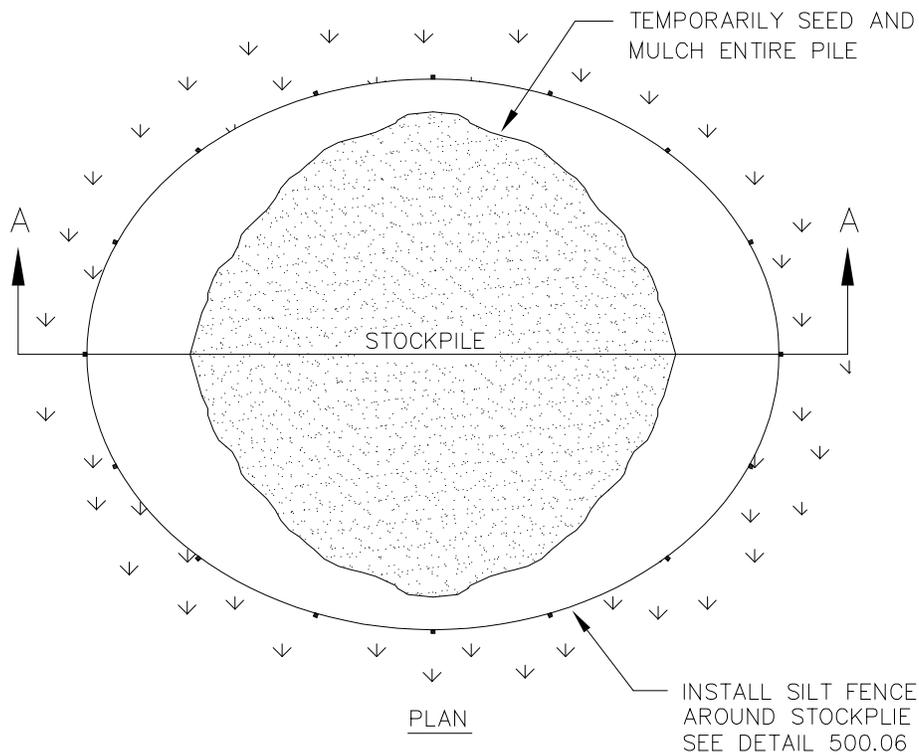
SLOPE STABILIZATION

Detail No: 500.07
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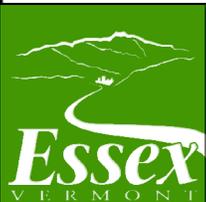


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NOTES:

1. THE CONTRACTOR SHALL MAINTAIN THE SILT FENCE SURROUNDING THE STOCKPILE THROUGHOUT CONSTRUCTION. THE SILT FENCE SHALL BE MAINTAINED AFTER EACH STORM EVENT. ANY DAMAGE OR EROSION SHALL BE REPAIRED IMMEDIATELY.
2. REFERENCE SECTION 300 OF THESE SPECIFICATIONS FOR CONSTRUCTION FOR FURTHER EROSION CONTROL REQUIREMENTS.



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TOWN OF ESSEX, VERMONT
STANDARD SPECIFICATIONS FOR CONSTRUCTION

STOCKPILE EROSION
PROTECTION

Detail No:	500.08
Scale:	NOT TO SCALE
Date:	JAN. 2017

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