

**CONSTRUCTION SPECIFICATIONS**

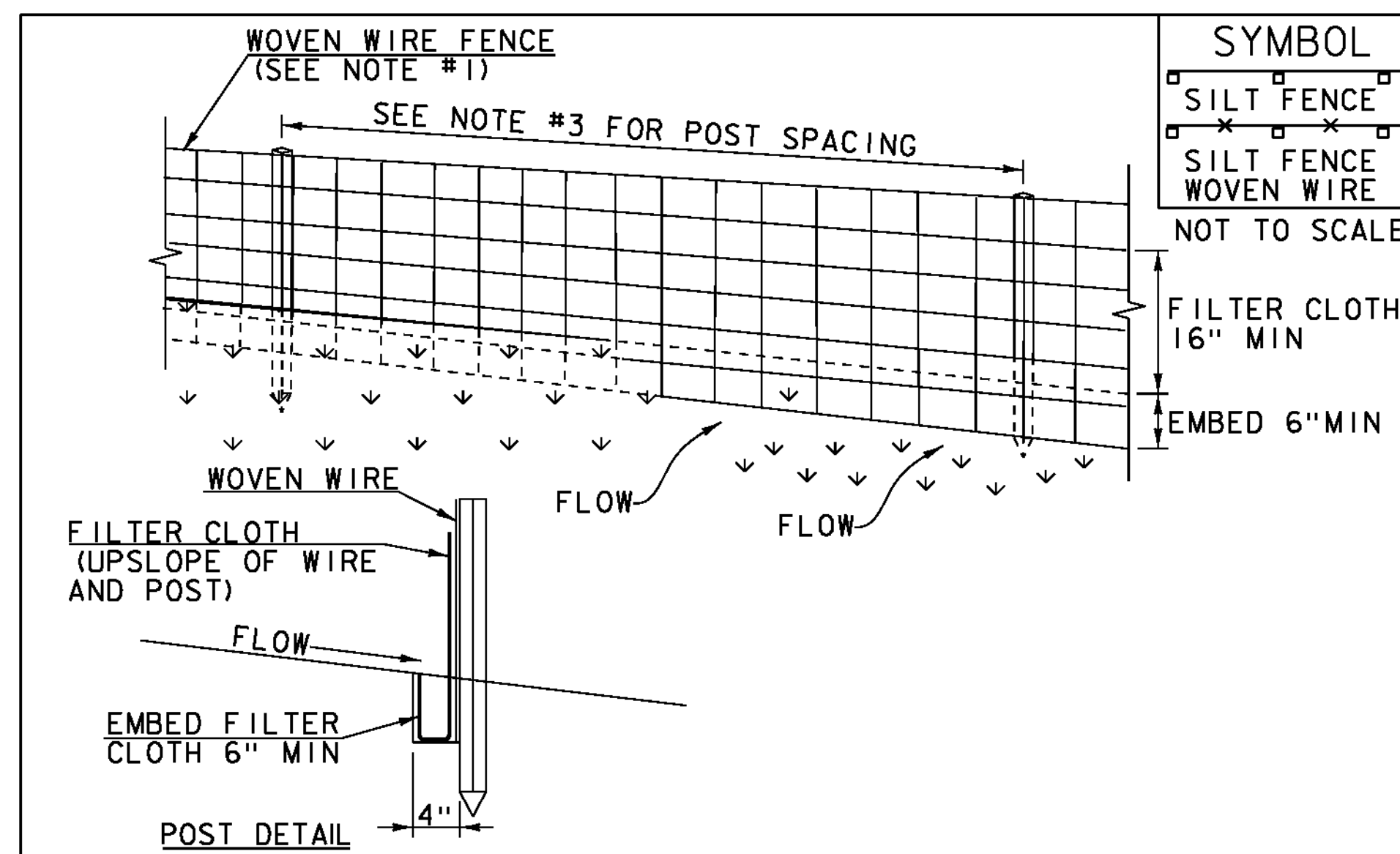
- USE 2" TO 3" STONE. FILTERING STONE SHALL BE 3/4".
- PLACE STONE OVER GEOTEXTILE.
- ONCE THE AREAS UPSTREAM FROM THE CHECK DAM ARE STABILIZED WITH VEGETATION, THE SEDIMENT TRAPPED BEHIND THE DAM SHALL BE DISPOSED OF IN AN APPROVED WASTE AREA.
- THE CHECK DAM(S) SHALL BE FLATTENED AND GRADED IN A MANNER WHICH PROTECTS THE AREA FROM EROSION AND CHANNEL BLOCKAGE. (GEOTEXTILE MUST BE REMOVED).
- THE GEOTEXTILE MUST BE DISPOSED OF APPROPRIATELY.
- THE AREA CONTRIBUTING TO THE CHECK DAM SHALL NOT EXCEED 4 ACRES.

ADAPTED FROM DETAILS PROVIDED BY: ILLINOIS USDA-NRCS  
ORIGINALLY DEVELOPED BY USDA-NRCS

**PIPE INLET PROTECTION**

REVISIONS	
MARCH 6, 2008	WHF
JANUARY 13, 2009	WHF

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 FOR INLET PROTECTION DEVICE, TYPE I (PAY ITEM 653.40).



**CONSTRUCTION SPECIFICATIONS**

- WOVEN WIRE REINFORCED FENCE IS REQUIRED WITHIN 100' UPSLOPE OF RECEIVING WATERS WHEN THE PROJECT FALLS UNDER A CONSTRUCTION STORMWATER PERMIT. WOVEN WIRE SHALL BE A MIN. 14 GAUGE WITH A 6" MAX. MESH OPENING.
- FILTER CLOTH SHALL BE EITHER FILTER X, MIRAF1100X, STABILINKA T140N OR APPROVED EQUIVALENT.
- POST SPACING FOR WIRE-BACKED FENCE SHALL BE 10' MAXIMUM. FOR FILTER-CLOTH FENCE, WHEN ELONGATION IS >50%, POST SPACING SHALL NOT EXCEED 4' AND WHEN ELONGATION IS <50%, POST SPACING SHALL NOT EXCEED 6'.
- WOVEN WIRE FENCE IS TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES. FILTER CLOTH IS TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY 6" AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN SEDIMENT REACHES HALF OF FABRIC HEIGHT.

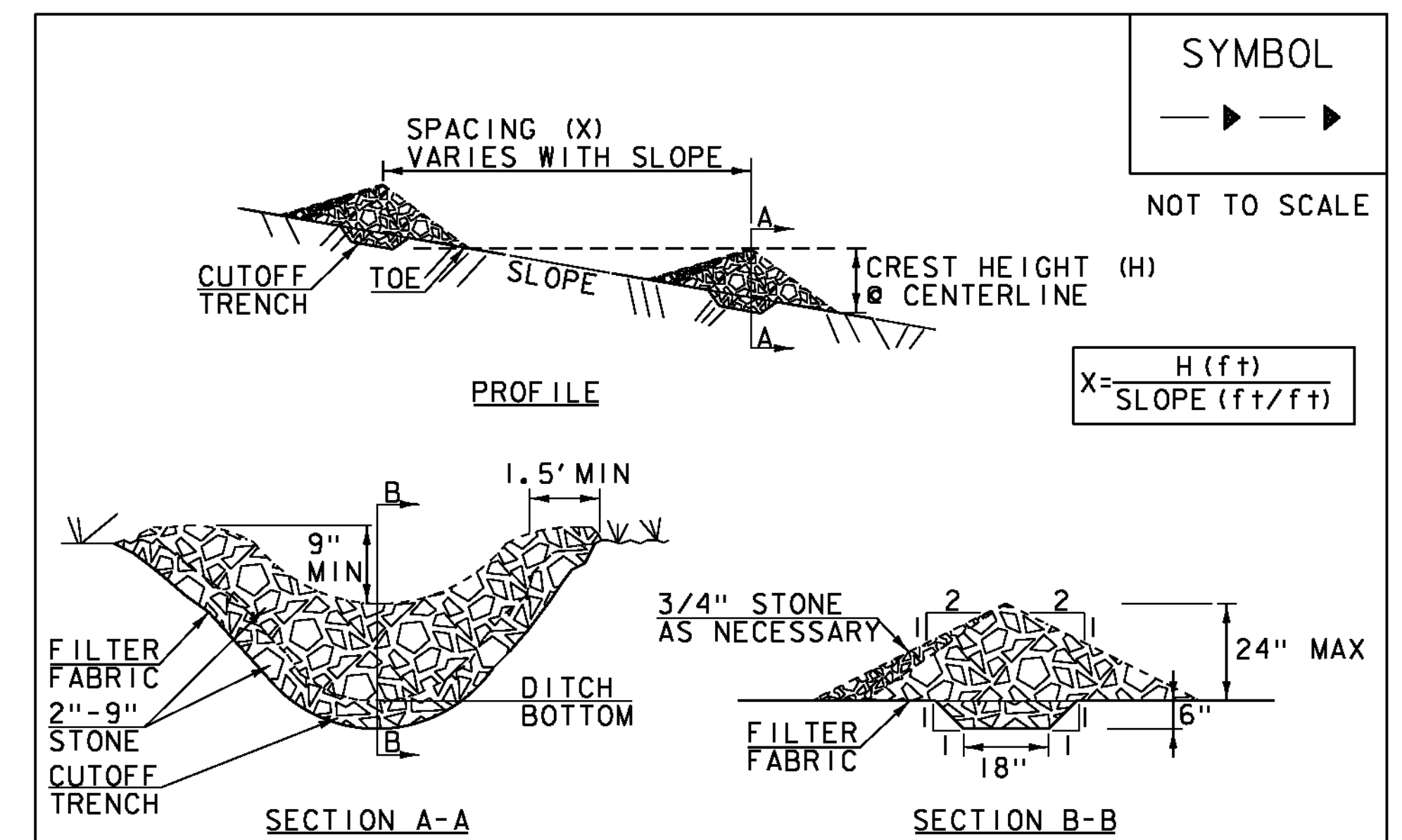
ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC  
ORIGINALLY DEVELOPED BY USDA-NRCS  
VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**SILT FENCE**

NOTES:  
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- "FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 649 AND AS SHOWN IN THE PLANS FOR GEOTEXTILE FOR SILT FENCE (PAY ITEM 649.5I) OR GEOTEXTILE FOR SILT FENCE, WOVEN WIRE REINFORCED (PAY ITEM 649.5I5).

REVISIONS	
MARCH 21, 2008	WHF
DECEMBER 11, 2008	WHF
JANUARY 13, 2009	WHF



**CONSTRUCTION SPECIFICATIONS**

- STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION.
- CHECK DAMS SHALL BE SPACED SO THAT THE ELEVATION OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION AS THE TOE OF THE UPSTREAM DAM.
- 3/4" FILTERING STONE MAY BE ADDED TO THE FACE OF THE CHECK DAM AS NECESSARY.
- EXTEND THE STONE A MINIMUM OF 1.5' BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
- PROTECT CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.
- MAXIMUM DRAINAGE AREA 2 ACRES.

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC  
ORIGINALLY DEVELOPED BY USDA-NRCS  
VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**CHECK DAM**

NOTES:  
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- "FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 FOR TEMPORARY STONE CHECK DAM, TYPE I (PAY ITEM 653.25)

REVISIONS	
MARCH 21, 2008	WHF
JANUARY 8, 2009	WHF

**EPSC LAYOUT PLAN SYMBOLOGY LEGEND**

<p><b>PROJECT BOUNDARY FENCE</b></p> <p>PDF — PD PROJECT DEMARCATION FENCE</p> <p>BF — *-*-* B BARRIER FENCE</p> <p><b>EPSC MEASURES</b></p> <p>ONNOONNOONNK FILTER CURTAIN</p> <p>———— SILT FENCE</p> <p>———— SILT FENCE WOVEN WIRE</p> <p>———— CHECK DAM</p> <p>———— DISTURBED AREAS REQUIRING RE-VEGETATION</p> <p>———— EROSION MATTING</p>	<p><b>ENVIRONMENTAL RESOURCES</b></p> <p>———— WETLAND BOUNDARY</p> <p>———— RIPARIAN BUFFER ZONE</p> <p>———— SOIL TYPE BOUNDARY</p> <p>———— T&amp;E THREATENED &amp; ENDANGERED SPECIES</p> <p>HAZ — HAZ HAZARDOUS WASTE AREA</p> <p>AG — AG AGRICULTURAL LAND</p> <p>HABITAT — HABITAT FISH &amp; WILDLIFE HABITAT</p> <p>FLOOD PLAIN — FLOOD PLAIN FLOOD PLAIN</p> <p>———— STORM WATER</p> <p>———— USDA FOREST SERVICE LANDS</p> <p>———— WILDLIFE HABITAT SUIT/CONN</p>	<p><b>ARCHEOLOGICAL &amp; HISTORIC</b></p> <p>ARCH — ARCHEOLOGICAL BOUNDARY</p> <p>HISTORIC DIST. — HISTORIC DISTRICT BOUNDARY</p> <p>HISTORIC — HISTORIC AREA</p> <p>(H) HISTORIC STRUCTURE</p> <p><b>UTILITY SYMBOLOGY</b></p> <p>AER E&amp;T — AREAL ELECTRIC &amp; TELEPHONE</p> <p>E — AREAL ELECTRIC</p> <p>UE — UNDERGROUND ELECTRIC</p> <p>UT — UNDERGROUND TELEPHONE</p> <p>UC — UNDER GROUND TV</p> <p>G — GAS LINE</p> <p>W — WATER LINE</p>	<p><b>CONSTRUCTION FEATURES</b></p> <p>○ — TOE OF SLOPE CUT OR FILL</p> <p>■ — STONE FILL, TYPE II</p> <p>■ — STONE FILL, TYPE I</p>
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PROJECT NAME: BARRE TOWN	PLOT DATE: 09-OCT-2012
PROJECT NUMBER: BRF 6100(7)	DRAWN BY: R. PELLETT
FILE NAME: s06j002epsc_details.dgn	DESIGNED BY: J. SALVATORI
PROJECT LEADER: J. LACROIX	CHECKED BY: J. SALVATORI
EPSC DETAILS I	SHEET 66 OF 70