

SYMBOL
 —▶—▶—▶
 NOT TO SCALE

$$X = \frac{H (ft)}{\text{SLOPE (ft/ft)}}$$

CONSTRUCTION SPECIFICATIONS

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

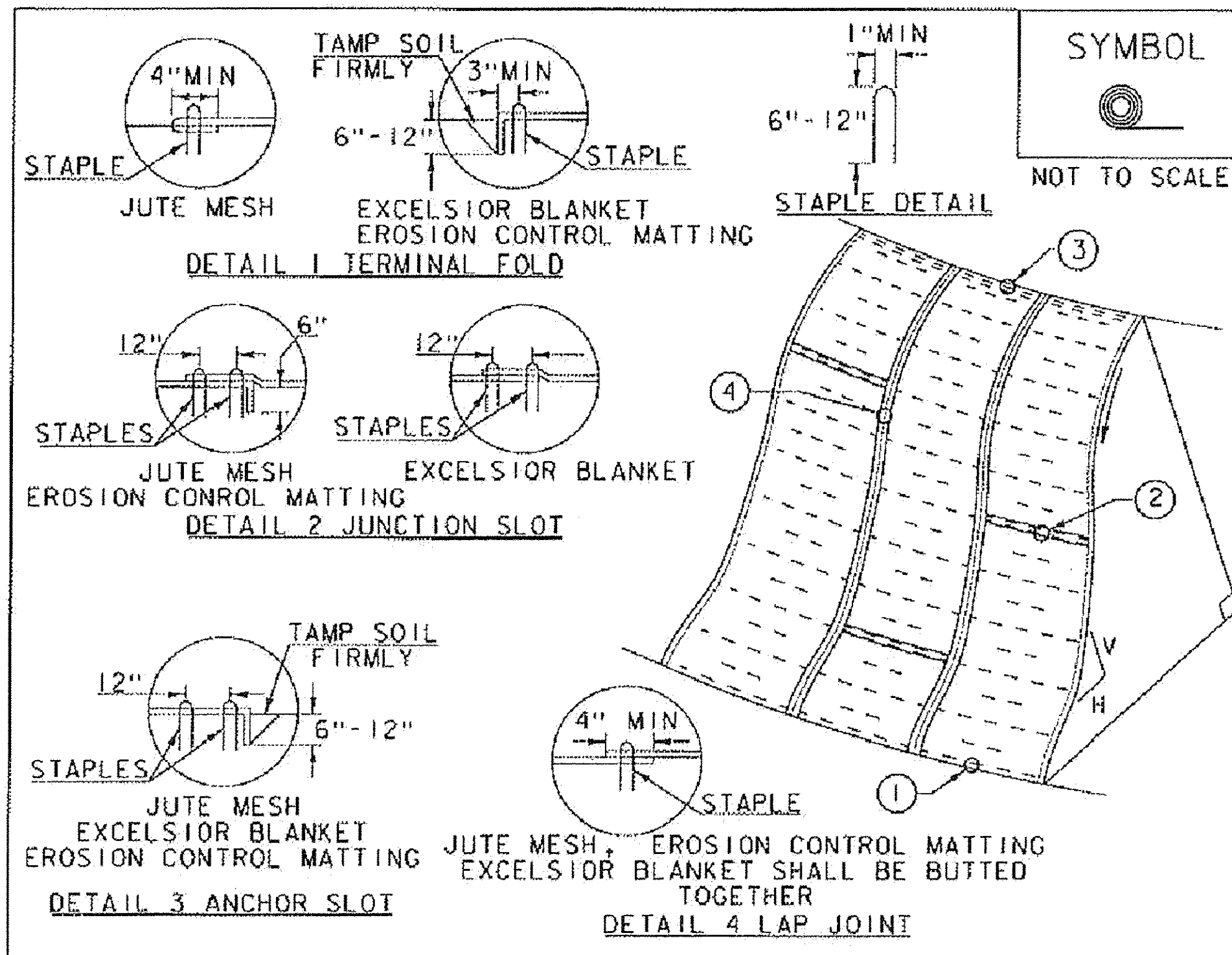
ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC
 ORIGINALLY DEVELOPED BY USDA-NRCS
 VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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.

REVISIONS	
MARCH 21, 2008	WHF
JANUARY 8, 2009	WHF

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



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CONSTRUCTION SPECIFICATIONS

1. APPLY TO SLOPES GREATER THAN 3H:1V OR WHERE NECESSARY TO AID IN ESTABLISHING VEGETATION.
2. APPLY FERTILIZER, LIME SEED PRIOR TO PLACING MATTING.
3. STAPLES ARE TO BE PLACED ALTERNATELY, IN COLUMNS APPROXIMATELY 2' APART AND IN ROWS APPROXIMATELY 3' APART. APPROXIMATELY 175 STAPLES ARE REQUIRED PER 4' X 225' ROLL OF MATERIAL AND 125 STAPLES ARE REQUIRED PER 4' X 150' ROLL OF MATERIAL.
4. DISTURBED AREAS SHALL BE SMOOTHLY GRADED. EROSION CONTROL MATERIAL SHALL BE PLACED LOOSELY OVER GROUND SURFACE. DO NOT STRETCH.
5. ALL TERMINAL ENDS AND TRANSVERSE LAPS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.

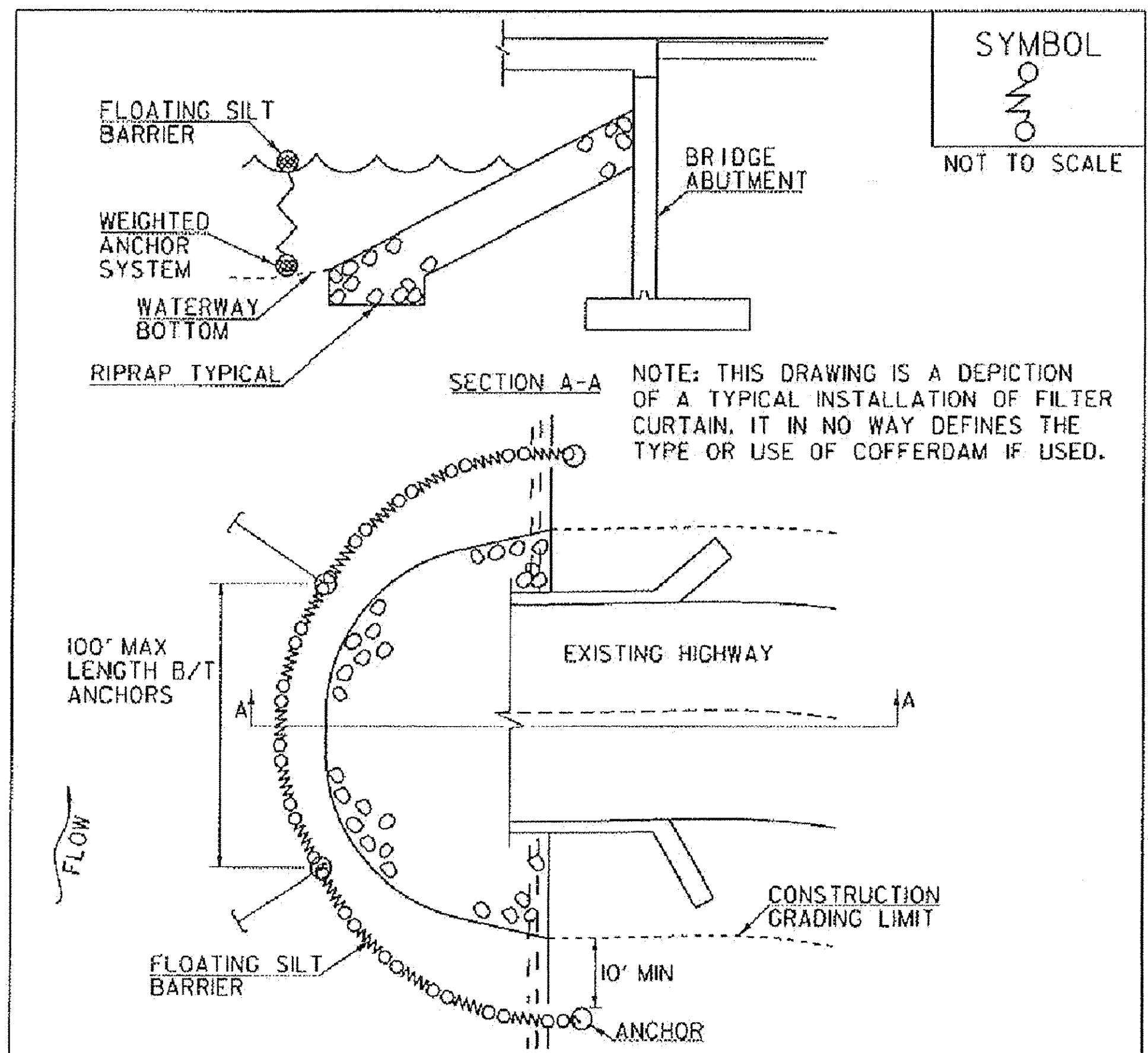
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ROLLED EROSION CONTROL PRODUCT (RECP) SIDE SLOPE

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

REVISIONS	
APRIL 16, 2007	JMF
JANUARY 13, 2009	WHF

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 AND AS SHOWN IN THE PLANS FOR TEMPORARY EROSION MATTING (PAY ITEM 653.20) OR PERMANENT EROSION MATTING (PAY ITEM 653.20).



SYMBOL
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CONSTRUCTION SPECIFICATIONS

1. FILTER CURTAIN SHALL NOT BE PLACED ACROSS A FLOWING WATERWAY, OR IN A WATERWAY WITH STREAM VELOCITIES GREATER THAN 1.5 FEET/SECOND.
2. MAXIMUM 100' LENGTH BETWEEN ANCHORS.
3. LAST SECTION SHALL TERMINATE A MINIMUM OF 10' BEYOND LIMIT OF DISTURBANCE.
4. THE WEIGHTED ANCHOR SYSTEM SHALL BE A TYPE WHICH ALLOWS THE CURTAIN TO CONFORM TO THE BOTTOM OF THE WATERWAY.
5. THE CURTAIN SHALL BE REMOVED BY SLOWLY PULLING TOWARD THE SHORE MINIMIZING THE ESCAPE OF SEDIMENTS INTO WATERWAY.

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

FILTER CURTAIN

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

REVISIONS	
APRIL 1, 2008	WHF
JANUARY 13, 2009	WHF
SEPTEMBER 4, 2009	WHF

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 649 FOR GEOTEXTILE FOR FILTER CURTAIN (PAY ITEM 649.61).

EPSC LAYOUT PLAN SYMBOLOGY LEGEND

- PROJECT BOUNDARY FENCE**
- PDF — PDF PROJECT DEMARCATION FENCE
 - BF — BF BARRIER FENCE

- EPSC MEASURES**
- ONNOONNOONNO FILTER CURTAIN
 - SILT FENCE
 - SILT FENCE WOVEN WIRE
 - ▶—▶—▶ CHECK DAM
 - ▨ DISTURBED AREAS REQUIRING RE-VEGETATION
 - ▩ EROSION MATTING

- ENVIRONMENTAL RESOURCES**
- WETLAND BOUNDARY
 - RIPARIAN BUFFER ZONE
 - SOIL TYPE BOUNDARY
 - T&E THREATENED & ENDANGERED SPECIES
 - HAZ — HAZ HAZARDOUS WASTE AREA
 - AG — AG AGRICULTURAL LAND
 - HABITAT — HABITAT FISH & WILDLIFE HABITAT
 - FLOOD PLAIN — FLOOD PLAIN
 - STORM WATER
 - USDA FOREST SERVICE LANDS
 - WILDLIFE HABITAT SUIT/CONN

- ARCHEOLOGICAL & HISTORIC**
- ARCH — ARCHEOLOGICAL BOUNDARY
 - HISTORIC DIST — HISTORIC DISTRICT BOUNDARY
 - HISTORIC — HISTORIC AREA
 - Ⓜ HISTORIC STRUCTURE

- UTILITY SYMBOLOGY**
- AER E&T — AREAL ELECTRIC & TELEPHONE
 - E — AREAL ELECTRIC
 - UE — UNDERGROUND ELECTRIC
 - UT — UNDERGROUND TELEPHONE
 - UC — UNDER GROUND TV
 - G — GAS LINE
 - W — WATER LINE

- CONSTRUCTION FEATURES**
- — TOE OF SLOPE CUT OR FILL
 - ⊗ ⊗ ⊗ ⊗ STONE FILL, TYPE III
 - ⊗ ⊗ ⊗ ⊗ STONE FILL, TYPE II
 - ⊗ ⊗ ⊗ ⊗ STONE FILL, TYPE I



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10/16/12
 EROSION CONTROL PLAN

PROJECT NAME: WARREN
 PROJECT NUMBER: BRF 013-4 (14)
 FILE NAME: s78f242erod1s.dgn
 PROJECT LEADER: J. LACROIX
 DESIGNED BY: J. STANLEY
 EPSC DETAILS SHEET 1

PLOT DATE: 27-JUL-2012
 DRAWN BY: G. ROKES
 CHECKED BY: J. STANLEY
 SHEET 34 OF 83