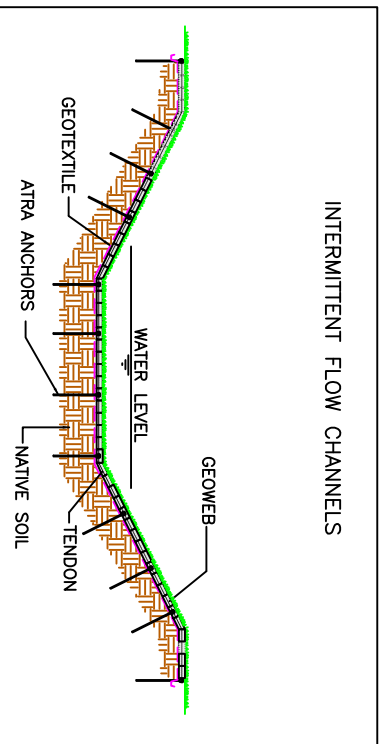
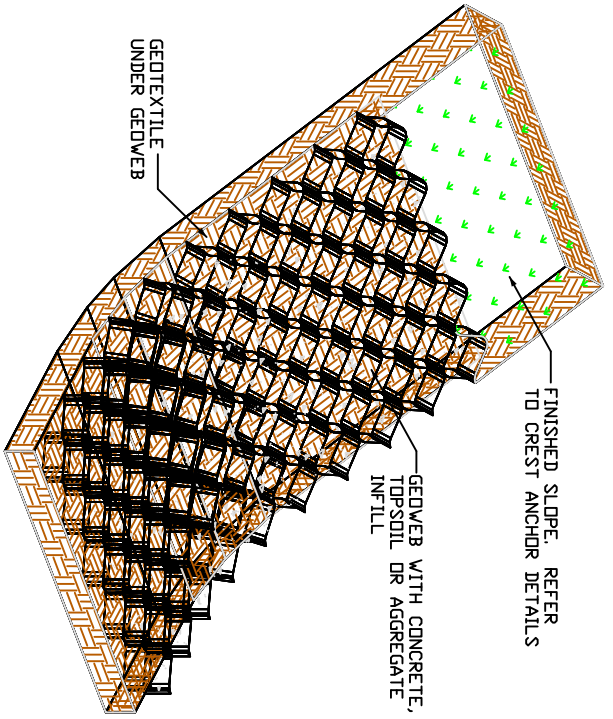


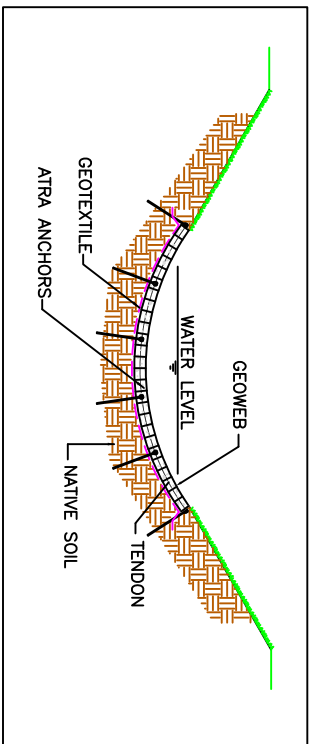
CONSTANT FLOW CHANNELS
CONCRETE FILLED CHANNEL PROTECTION SYSTEM



INTERMITTENT FLOW CHANNELS
SOIL FILLED (GRASS) CHANNEL PROTECTION SYSTEM



PARTIAL ISOMETRIC CHANNEL SYSTEM



DITCH PROTECTION SYSTEM

GENERAL GUIDELINES FOR SELECTION OF INFILL MATERIALS:

- SOIL INFILL WITH VEGETATED COVER
 - PEAK VELOCITY OF 26 FPS AND 15.9 PSF OF SHEAR.
 - SOIL INFILL WITH EROSION CONTROL BARRIER OR TURF REINFORCEMENT MAT
 - PEAK VELOCITY BASED ON ECB OR TRM CHARACTERISTICS.
 - STONE INFILL
 - PEAK VELOCITY BASED ON SLOPE GRADIENT AND AGGREGATE SIZE.
 - CONSULT PRESTO GEOSYSTEMS FOR AGGREGATE SIZING.
 - CONCRETE INFILL
 - PEAK VELOCITY OVER 40 FPS AND 21 PSF OF SHEAR. MAXIMUM
 - UNDETERMINED THROUGH TESTING.
- NOTE:
1. VELOCITY VALUES BASED ON GEOWEB TESTING AT COLORADO STATE UNIVERSITY. TESTING DOCUMENTS AVAILABLE BY REQUEST.
 2. ANCHOR REQUIREMENTS AND INFILL SELECTION SHOULD BE DESIGNED ON A PROJECT SPECIFIC BASIS.

- NOTES:
1. GEOWEB SECTIONS SHALL BE FILLED WITH THE SPECIFIED MATERIAL WHICH IS SUITABLE FOR THE HYDRAULIC CONDITIONS.
 2. GEOWEB ANCHORAGE SHALL BE AS SPECIFIED AND ADEQUATE TO PREVENT SLIDING.
 3. ATRA ANCHOR LENGTH AND PATTERN SHALL BE AS SPECIFIED.
 4. TENDON TYPE AND PATTERN SHALL BE AS SPECIFIED.
 5. PROVIDE GEOTEXTILE SEPARATION LAYER AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

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| <p>GENUINE GEOWEB® CHANNEL PROTECTION SYSTEM</p> | | | |
| <p>PRESTO® GEOWEB® AND ATRA® ARE REGISTERED TRADEMARKS OF PRESTO PRODUCTS.</p> | | | |
| DATE | JUNE 2013 | FILE NAME | GWCHTF.DWG |
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