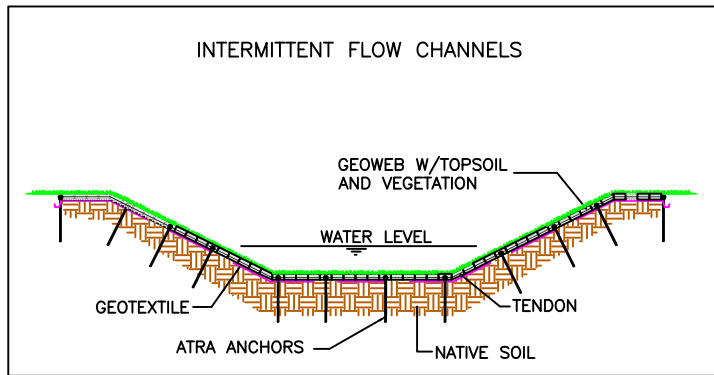
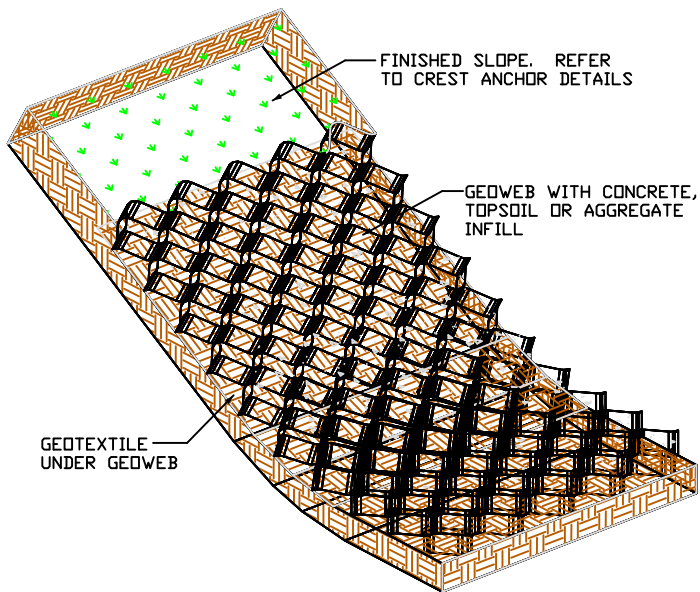


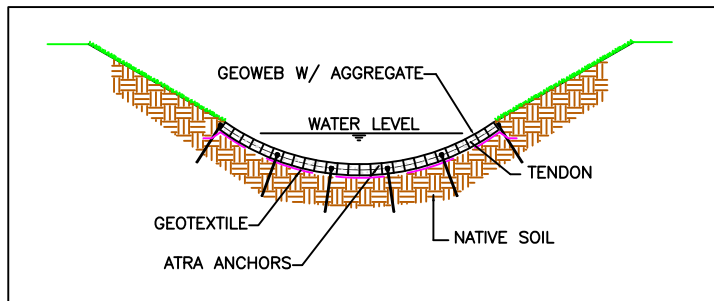
CONCRETE FILLED CHANNEL PROTECTION SYSTEM



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.



**PRESTO® PRODUCTS CO.**  
670 NORTH PERKINS STREET  
APPLETON, WI 54914  
920-738-1328  
WWW.PRESTOGEO.COM

**GENUINE GEOWEB®  
CHANNEL PROTECTION SYSTEM**

PRESTO®, GEOWEB® AND ATRA® ARE REGISTERED TRADEMARKS OF PRESTO PRODUCTS.

DATE	NOVEMBER 2019	FILE NAME	GWCH1F.DWG
SCALE	NTS	SHEET	1
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