



NOTES:

1. THE CUTOFF TRENCH DIMENSIONS SHALL BE DIRECTED BY THE ENGINEER AND DEPICTED ON THE CONSTRUCTION DRAWINGS.
2. WHEN EXCAVATING ANY TYPE OF TRENCH, ALL PRECAUTIONS AND PROTECTIVE SYSTEMS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION MUST BE EMPLOYED.
3. NO MORE TRENCH LENGTH SHOULD BE EXCAVATED THAN CAN BE FEASIBLY BACKFILLED AND COVERED WITHIN ONE DAY.
4. TRENCHES WIDER THAN 12 INCHES ARE RECOMMENDED FOR COMPOSITE BENTONITE AGGREGATE (AQUABLOK) PLACEMENT IN LIFTS OF 12 INCHES OR MORE IN DEPTH.
5. THE TRENCH DEPTH SHOULD EXTEND A MINIMUM OF 12 INCHES VERTICALLY INTO LOW PERMEABILITY RESIDUAL SOIL.
6. SOIL COVER ABOVE TRENCH TO FINISH GRADE SHALL BE DIRECTED BY ENGINEER, WITH 6 IN. TO 12 IN. RECOMMENDED.
7. SEE "DAM / LEVEE ENHANCEMENT" APPLICATION TECH SHEET BY AQUABLOK, LTD. FOR MORE INFORMATION.

QUANTITY SCHEDULE		
TRENCH WIDTH		IN.
TRENCH DEPTH (OVERALL)		FT.
MINUS COVER SOIL		IN.
TRENCH LENGTH		FT.
TOTAL CF		CF
TOTAL CY		FT.
TONS (TCF X 0.0425)		TONS



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CUTOFF (CORE) TRENCH DETAIL FOR SEEPAGE  
CONTROL/ENHANCEMENT OF LEVEES/DAMS  
(NOT TO SCALE)

PROJECT NO.: AQB105	SUBMITTAL DATE: FEBRUARY 2021
CAD DWG FILE: AQB105.100.0037	PLOT DATE: 2/12/2021



**Bowman**  
Construction  
Supply Inc.



**Quick**  
Supply Co.



**Cascade**  
GEOSYNTHETICS

## LOCATIONS & CONTACT INFO

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## SOLUTIONS WE SUPPLY

### GEOSYNTHETICS

Filter Fabrics

Stabilization Fabrics

Geogrids

- Road Grids
- Wall Grids
- Slope Stabilization

Specialty Fabrics

Composite Geomembranes

- GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

### SEDIMENT CONTROL

Inlet Protection

- Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks

- Triangle Silt Dike
- GeoRidge

Perimeter Protection

- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment

- Polymer-Based & Natural Flocculants

Sediment Basin Skimmers

Dewatering Bags

Trackout Control

- FODS
- Rumble Grates

Turbidity Curtains

### EROSION CONTROL

Basic Hydraulically Applied Mulches

- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically

Applied Products

- BFM
- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

Vegetation Establishment

- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

### STORMWATER MANAGEMENT

Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

Water Quantity

- Modular Underground Storage Systems
- Chamber Detention Systems

Drainage

- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

Inlet Structures

- PVC
- Drain Basins, In-Line Drains
- Landscape

Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

### SPECIALTY

Natural & Synthetic Coir Fiber Logs

Vegetated Reinforced Soil Slopes

Soil Anchors

Root Barrier System

AquaBlok

Muscle Wall

We are full line distributors of construction materials for all project types. Contact us for assistance with a project. From specification and development to installation and completion, we're here to help with all of your site solution needs.

**GEOSYNTHETICS | EROSION CONTROL | STORMWATER MANAGEMENT  
SEDIMENT CONTROL | REVEGETATION & SOIL AMENDMENTS**