This drawing is for illustrative purposes only and should not be used for construction without the signature of a registered professional engineer.

Diamond Pro® Straight Face Retaining Wall System

Typical Groundwater Intrusion Cross Section

- **CAP BLOCK**
- **GRADE SURFACE TO PREVENT PONDING**
- **DIAMOND PRO® BLOCK**
- **12" (MIN) OF FREE-DRAINING AGGREGATE**
- **7°**
- **FINISHED GRADE**
- **FILTER FABRIC**
- **BLANKET DRAIN 6" MINIMUM**
- **4" Ø DRAIN TILE (EL. VARIES)**
- **GEOSYNTHETIC REINFORCEMENT LENGTH**
- **CHIMNEY DRAIN (EXTEND TOP 0.7H OR MAXIMUM ELEV. OF GROUNDWATER RISE)**

Scale: 3/8" = 1'-0"

Drawn by: SB

Date: 1/19/2016

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