CONCEPTUAL FLOOD CONTROL WALL

1. Place Vertical Rebar as Specified in Design Plans in Rebar Spacers Cast in the Block
2. Redi-Rock Cap
3. Water Surface (Elevation varies)
4. Place Horizontal Rebar as Specified
5. Infill Wall with Concrete (Strength as Specified by Engineering Documents)
6. Bury Depth
7. Freestanding Hollow Core Block (F-HC)
8. Install Waterstop at the Center of the Block
9. Place Vertical Footing Rebar as Specified
10. Footing Dimensions per Site Specific Design
11. Rebar as Required per Footing Design

NOTE: Degree of water tightness depends on many factors. Slight seepage through joints can be expected using standard construction practices. See www.Redi-Rock.com for more information on flood control walls including detailed notes from full scale demonstration project testing.

This drawing is for reference only. Determination of the suitability and/or manner of use of any details contained in this document is the sole responsibility of the design engineer of record. Final project designs, including all construction details, shall be prepared by a licensed professional engineer using the actual conditions of the proposed site. Final wall design must address both internal and external drainage and all modes of wall stability.
NOTE: Flood control structures require long-term maintenance to prevent significant erosion and loss of soil and support for base of wall.

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