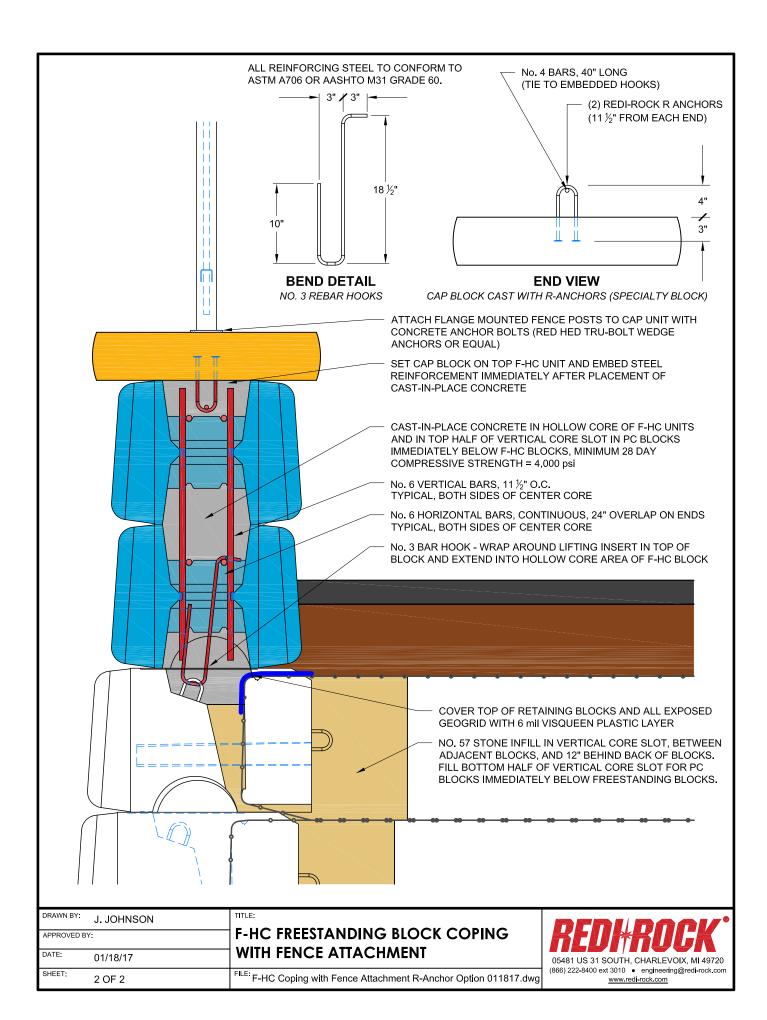
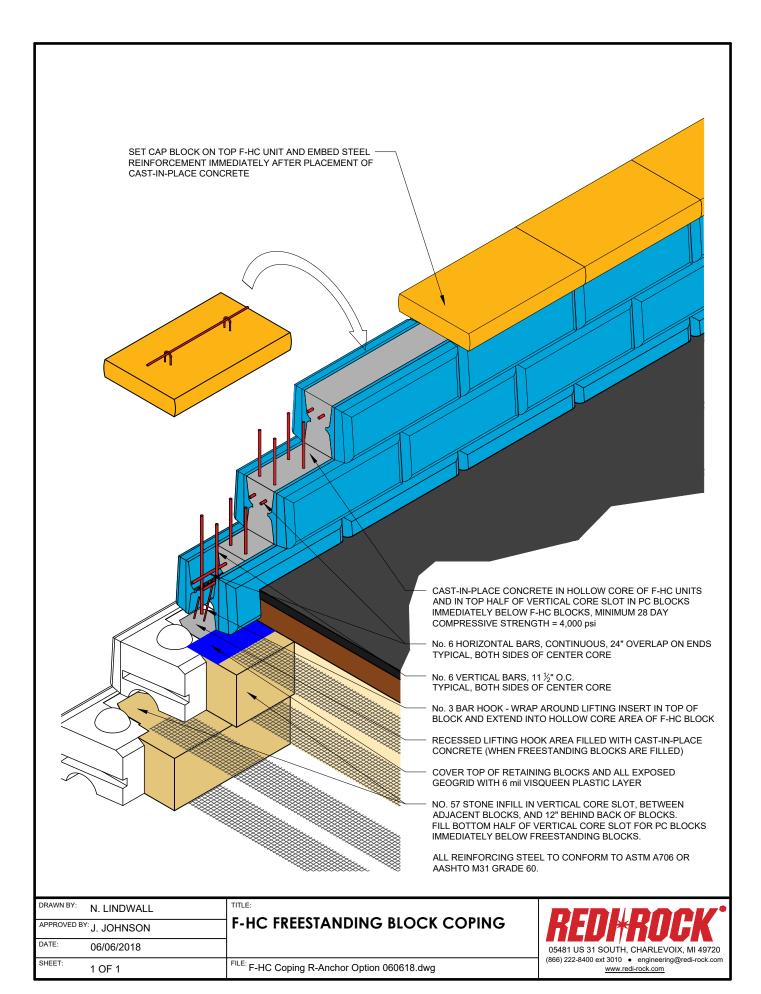
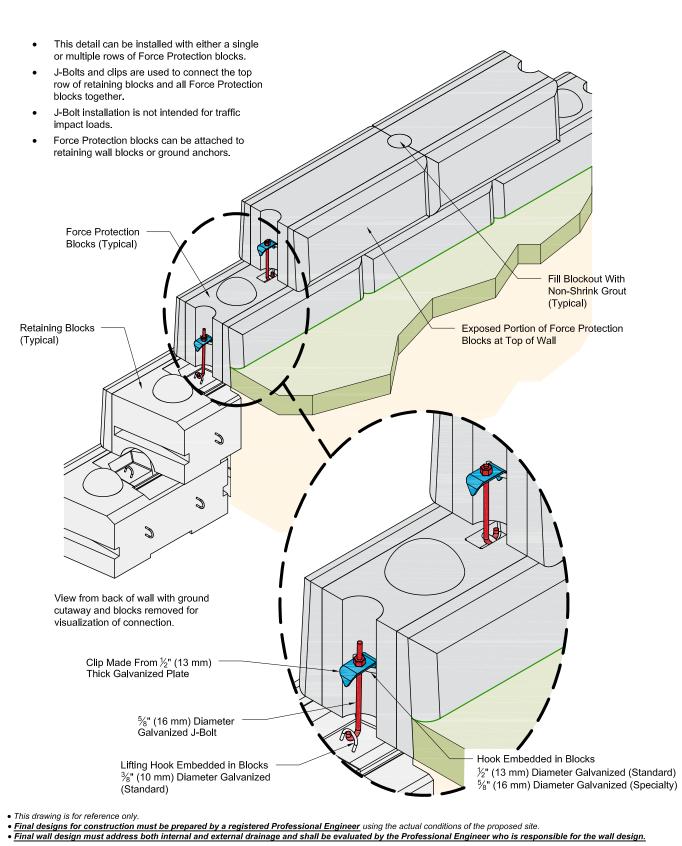


J. JOHNSON APPROVED BY:	F-HC FREESTANDING BLOCK COPING
DATE: 01/18/17	WITH FENCE ATTACHMENT
SHEET: 1 OF 2	FILE: F-HC Coping with Fence Attachment R-Anchor Option 011817.dwg



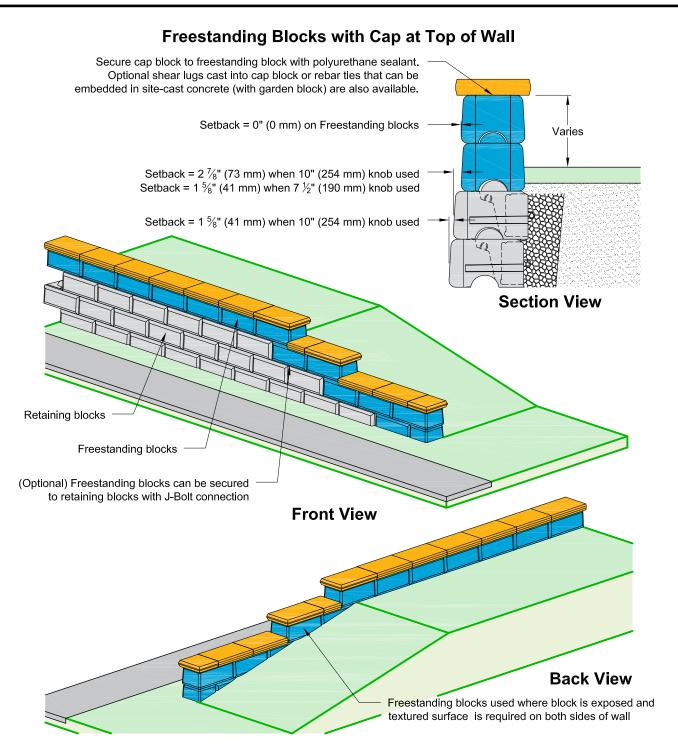






DRAWN BY: APPROVED BY: DATE:	J. JOHNSON J. JOHNSON FEB. 7, 2015	FORCE PROTECTION COPING WITH J-BOLTS
SHEET:	1 of 1	FILE: FS Coping w Force Protection 020715.dwg





One-component, highly flexible, non-priming, gun grade, high performance elastomeric polyurethane sealant shall have movement of plus or minus 25% per ASTM C719, tensile strength greater than 200 psi (1.4 MPa) per ASTM D412, and adhesion to peel on concrete greater than 20 PLI per ASTM C794. Apply sealant in one and one half-inch (1.5") (38 mm) diameter round "hersey kiss" shaped dollops located in two rows at the top of the Freestanding blocks at 8" (203 mm) on center.

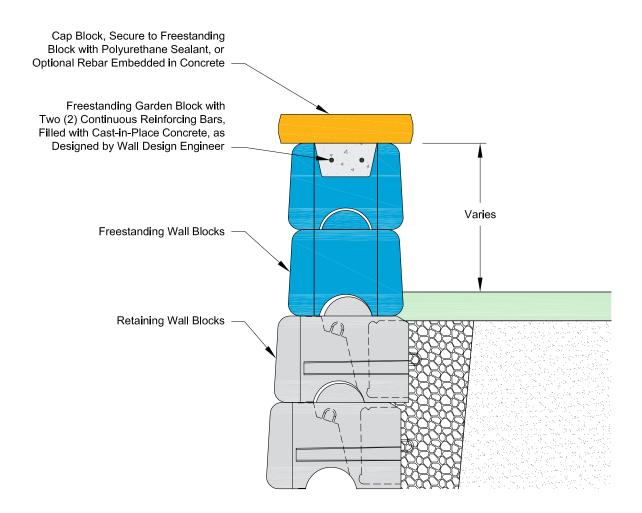
This drawing is for reference only. Determination of the suitability and/or manner of use of any details contained in this document is the sole responsibility of the design engineer of record. Final project designs, including all construction details, shall be prepared by a licensed professional engineer using the actual conditions of the proposed site.

DIOWIN DT.	JRJ	111122	
APPROVED BY:	JRJ		
DATE:	06-22-2015		
SHEET:	1 of 1	FILE:	3 F

Freestanding Blocks with Cap at Top of Wall

3 Freestanding Blocks with Cap at Top of Wall 062215.dwg





Section View

Sealant Adhesive: One-component, highly flexible, non-priming, gun grade, high performance elastomeric polyurethane sealant shall have movement of plus or minus 25% per ASTM C719, tensile strength greater than 200 psi (1.4 MPa) per ASTM D412, and adhesion to peel on concrete greater than 20 PLI per ASTM C794. Apply sealant in one and one half-inch (1.5") (38 mm) diameter round "hersey kiss" shaped dollops located in two rows at the top of the Freestanding blocks at 8" (203 mm) on center.

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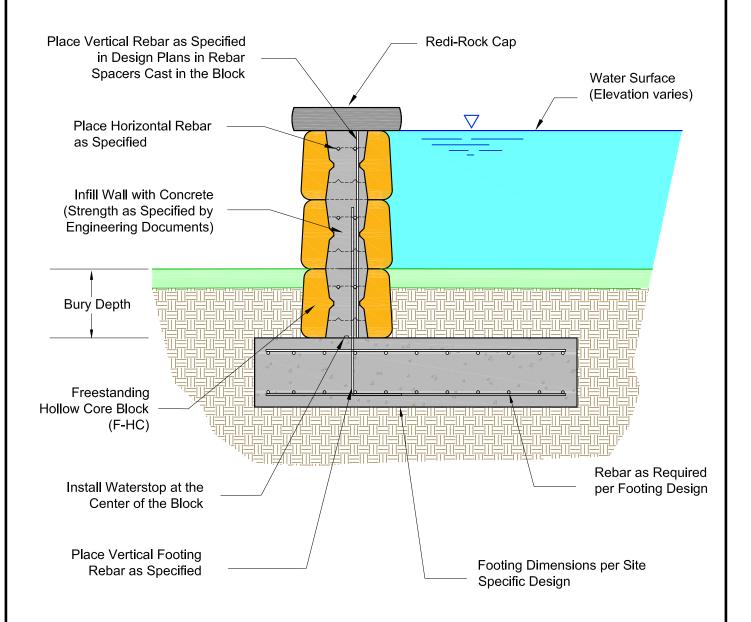
DRAWN BY:	BWL	TITLE:
APPROVED BY:	JRJ	
DATE:	01-14-2016	
SHEET:	1 of 1	FILE:

Freestanding Bond Beam at Top of Wall

Freestanding Bond Beam at Top of Wall 011416.dwg



CONCEPTUAL FLOOD CONTROL WALL



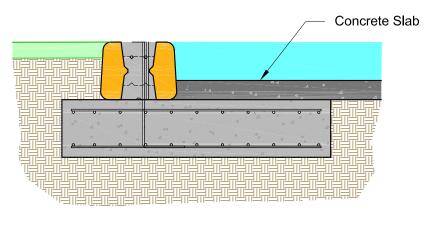
NOTE: Degree of water tightness depends on many factors. Slight seepage through joints can be expected using standard construction practices. See www.Redi-Rock.com for more information on flood control walls including detailed notes from full scale demonstration project testing.

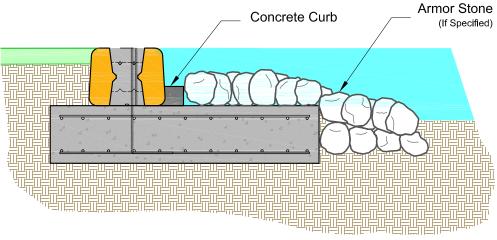
This drawing is for reference only. Determination of the suitability and/or manner of use of any details contained in this document is the sole responsibility of the design engineer of record. Final project designs, including all construction details, shall be prepared by a licensed professional engineer using the actual conditions of the proposed site. Final wall design must address both internal and external drainage and all modes of wall stability.

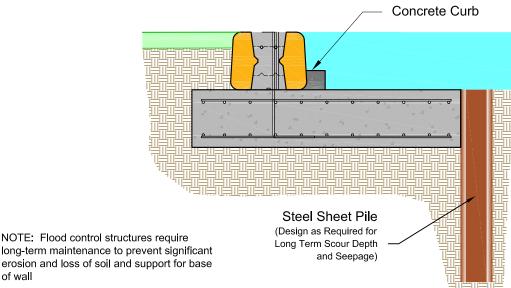
DRAWN BY:	D. Cerminaro	Conceptual Flood Control
APPROVED BY:	J. Johnson	Conceptual Flood Control
DATE:	20 December 2017	Wall Section
SHEET:	1 of 2	FILE: F-HC Conceptual Flood Control Wall Section 122017.dwg



OPTIONAL BASE DETAILS FOR FLOOD CONTROL WALLS







long-term maintenance to prevent significant erosion and loss of soil and support for base of wall

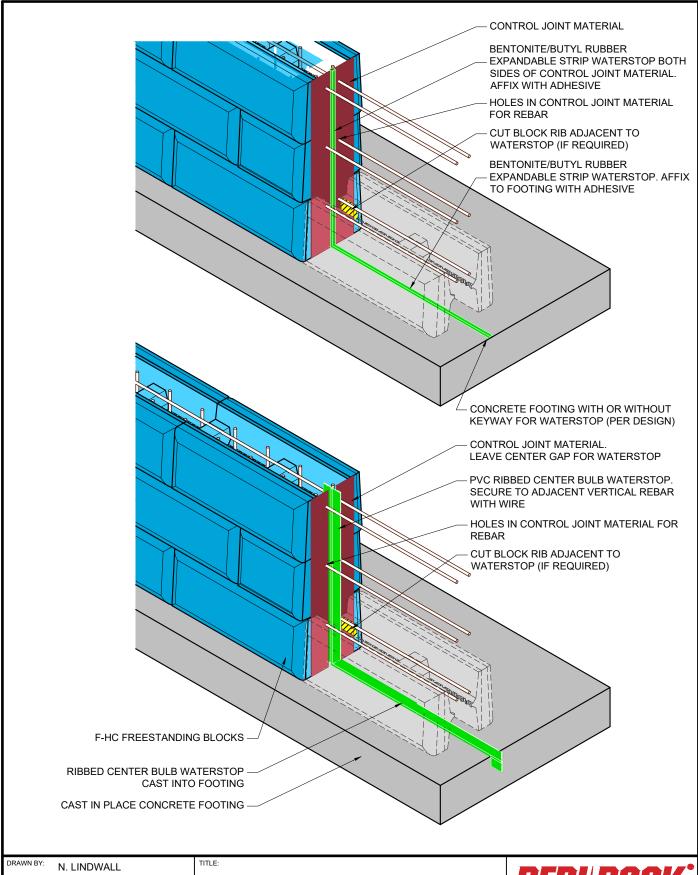
This drawing is for reference only. Determination of the suitability and/or manner of use of any details contained in this document is the sole responsibility of the design engineer of record. Final project designs, including all construction details, shall be prepared by a licensed professional engineer using the actual conditions of the proposed site. Final wall design must address both internal and external drainage and all modes of wall stability.

DRAWN BY:	D. Cerminaro	
APPROVED BY:	J. Johnson	
DATE:	20 December 2017	
SHEET:	2 of 2	FI

Optional Base Details for Flood Control Walls

ILE: F-HC Conceptual Flood Control Wall Sect**i**on 122017.dwg

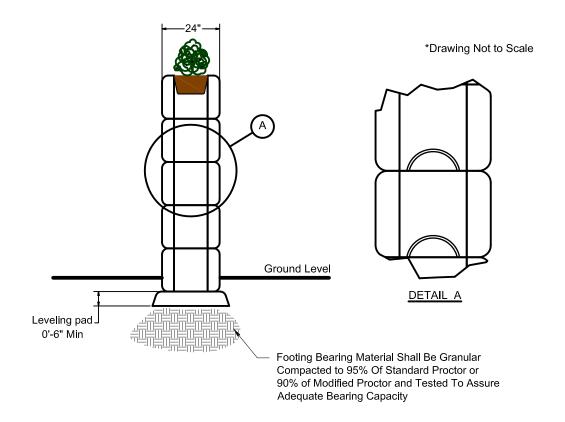




DRAWN BY:	N. LINDWALL	THE EDECTANDING DIOCK
APPROVED	BY: J. JOHNSON	F-HC FREESTANDING BLOCK
DATE:	12/20/17	WATERSTOP OPTIONS
SHEET:	1 of 1	FILE: F-HC Waterstop Options 122017.dwg



Freestanding Perimeter Wall

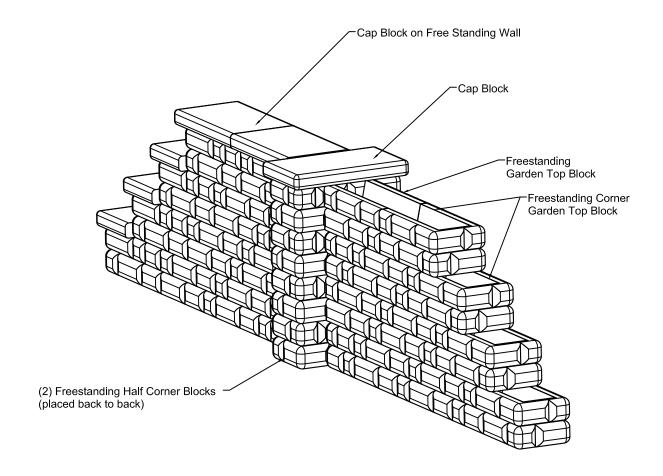


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DRAWN BY:	JRJ	TITLE:	
APPROVED BY:	JRJ	Freestanding Perimeter Wall	
DATE:	06-22-2015		
SHEET:	1 of 1	1 Freestanding Perimeter Wall 062215.dwg	



Freestanding Pilaster Wall



This sketch shows two options: On the near side of Pilaster, Freestanding Garden Blocks for vegetation, and solid cap blocks on the far side of the pilaster.

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.

	JRJ	TITLE:		
APPROVED BY:	JRJ		Freestanding Pilaster Wall	
DATE:	06-22-2015		Ğ	
SHEET:	1 of 1	FILE:	2 Freestanding Pilaster Wall 062215.dwg	

