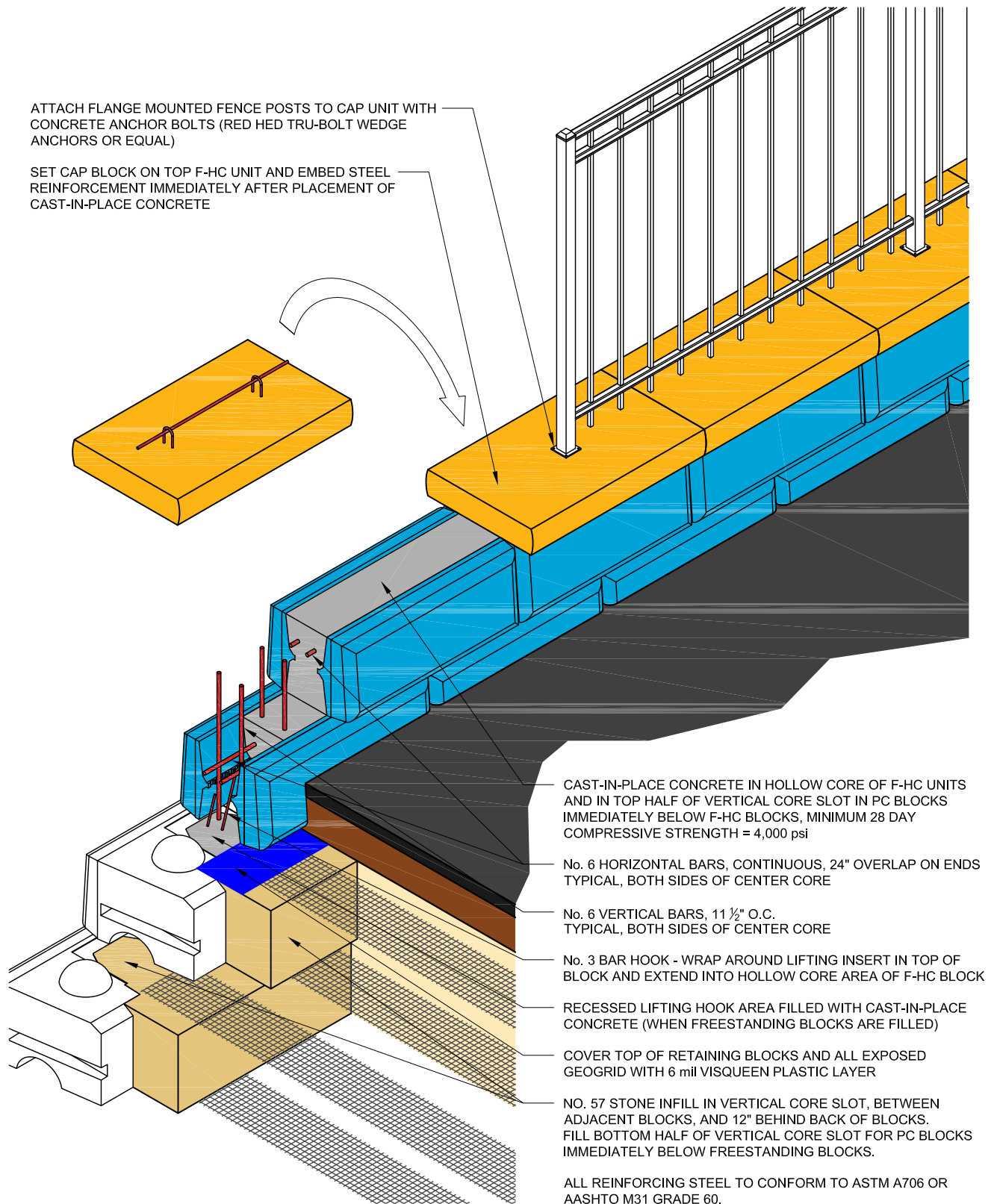


ATTACH FLANGE MOUNTED FENCE POSTS TO CAP UNIT WITH CONCRETE ANCHOR BOLTS (RED HED TRU-BOLT WEDGE ANCHORS OR EQUAL)

SET CAP BLOCK ON TOP F-HC UNIT AND EMBED STEEL REINFORCEMENT IMMEDIATELY AFTER PLACEMENT OF CAST-IN-PLACE CONCRETE



CAST-IN-PLACE CONCRETE IN HOLLOW CORE OF F-HC UNITS AND IN TOP HALF OF VERTICAL CORE SLOT IN PC BLOCKS IMMEDIATELY BELOW F-HC BLOCKS, MINIMUM 28 DAY COMPRESSIVE STRENGTH = 4,000 psi

No. 6 HORIZONTAL BARS, CONTINUOUS, 24" OVERLAP ON ENDS TYPICAL, BOTH SIDES OF CENTER CORE

No. 6 VERTICAL BARS, 11 1/2" O.C. TYPICAL, BOTH SIDES OF CENTER CORE

No. 3 BAR HOOK - WRAP AROUND LIFTING INSERT IN TOP OF BLOCK AND EXTEND INTO HOLLOW CORE AREA OF F-HC BLOCK

RECESSED LIFTING HOOK AREA FILLED WITH CAST-IN-PLACE CONCRETE (WHEN FREESTANDING BLOCKS ARE FILLED)

COVER TOP OF RETAINING BLOCKS AND ALL EXPOSED GEOGRID WITH 6 mil VISQUEEN PLASTIC LAYER

NO. 57 STONE INFILL IN VERTICAL CORE SLOT, BETWEEN ADJACENT BLOCKS, AND 12" BEHIND BACK OF BLOCKS. FILL BOTTOM HALF OF VERTICAL CORE SLOT FOR PC BLOCKS IMMEDIATELY BELOW FREESTANDING BLOCKS.

ALL REINFORCING STEEL TO CONFORM TO ASTM A706 OR AASHTO M31 GRADE 60.

DRAWN BY: J. JOHNSON

APPROVED BY:

DATE: 01/18/17

SHEET: 1 OF 2

TITLE:

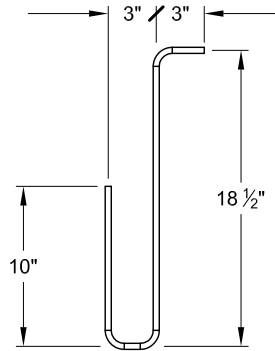
F-HC FREESTANDING BLOCK COPING WITH FENCE ATTACHMENT

FILE: F-HC Coping with Fence Attachment R-Anchor Option 011817.dwg

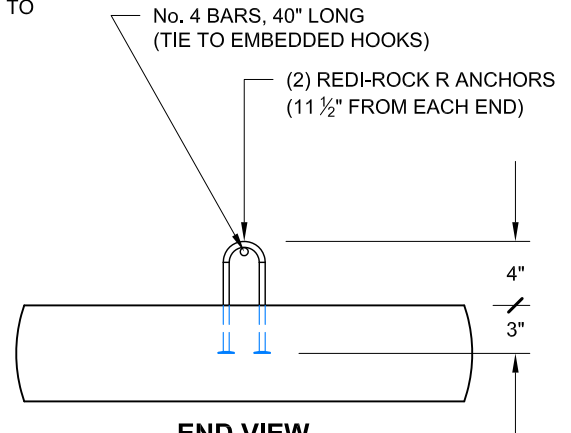
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ALL REINFORCING STEEL TO CONFORM TO
ASTM A706 OR AASHTO M31 GRADE 60.

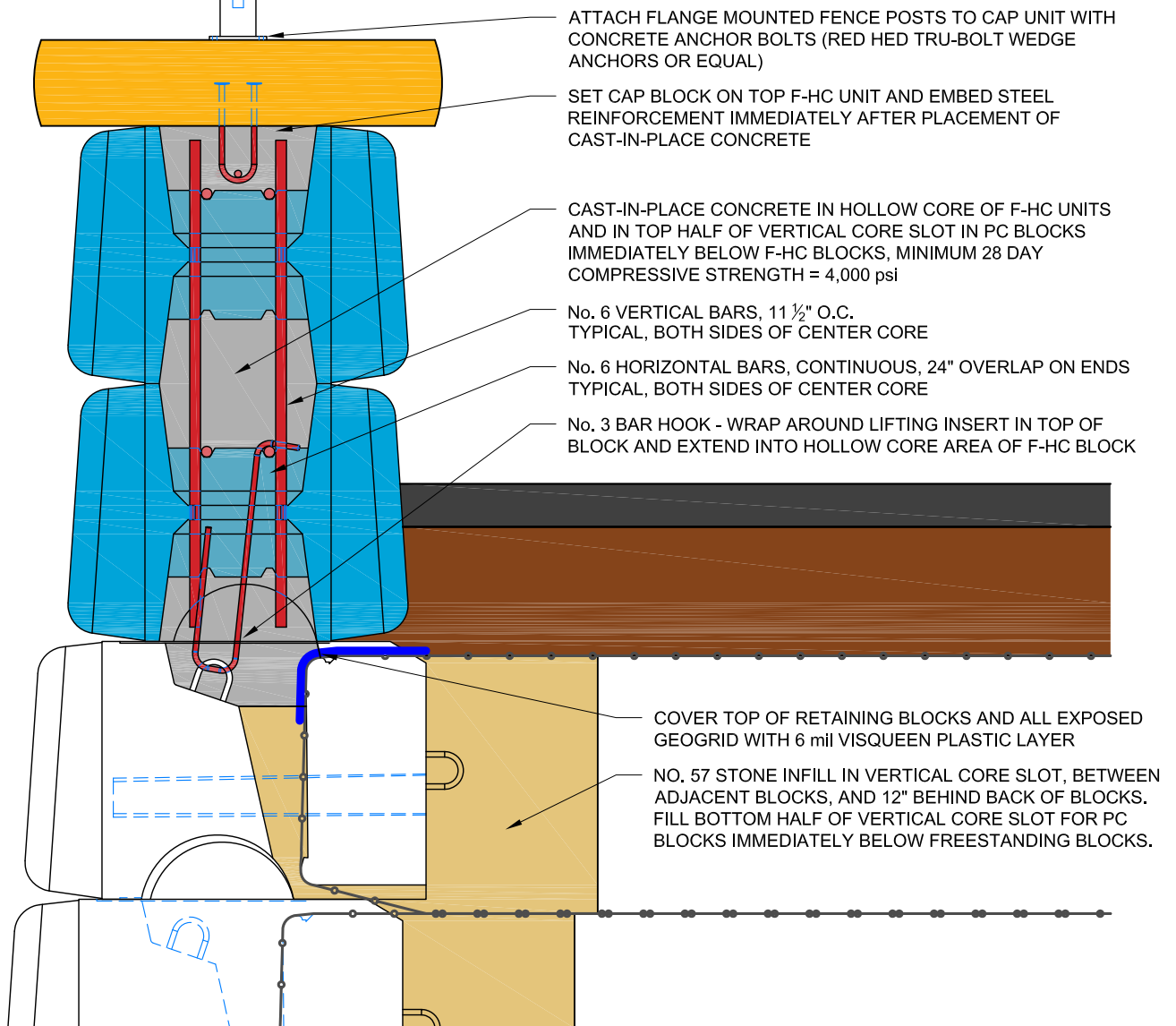


BEND DETAIL
NO. 3 REBAR HOOKS



END VIEW

CAP BLOCK CAST WITH R-ANCHORS (SPECIALTY BLOCK)



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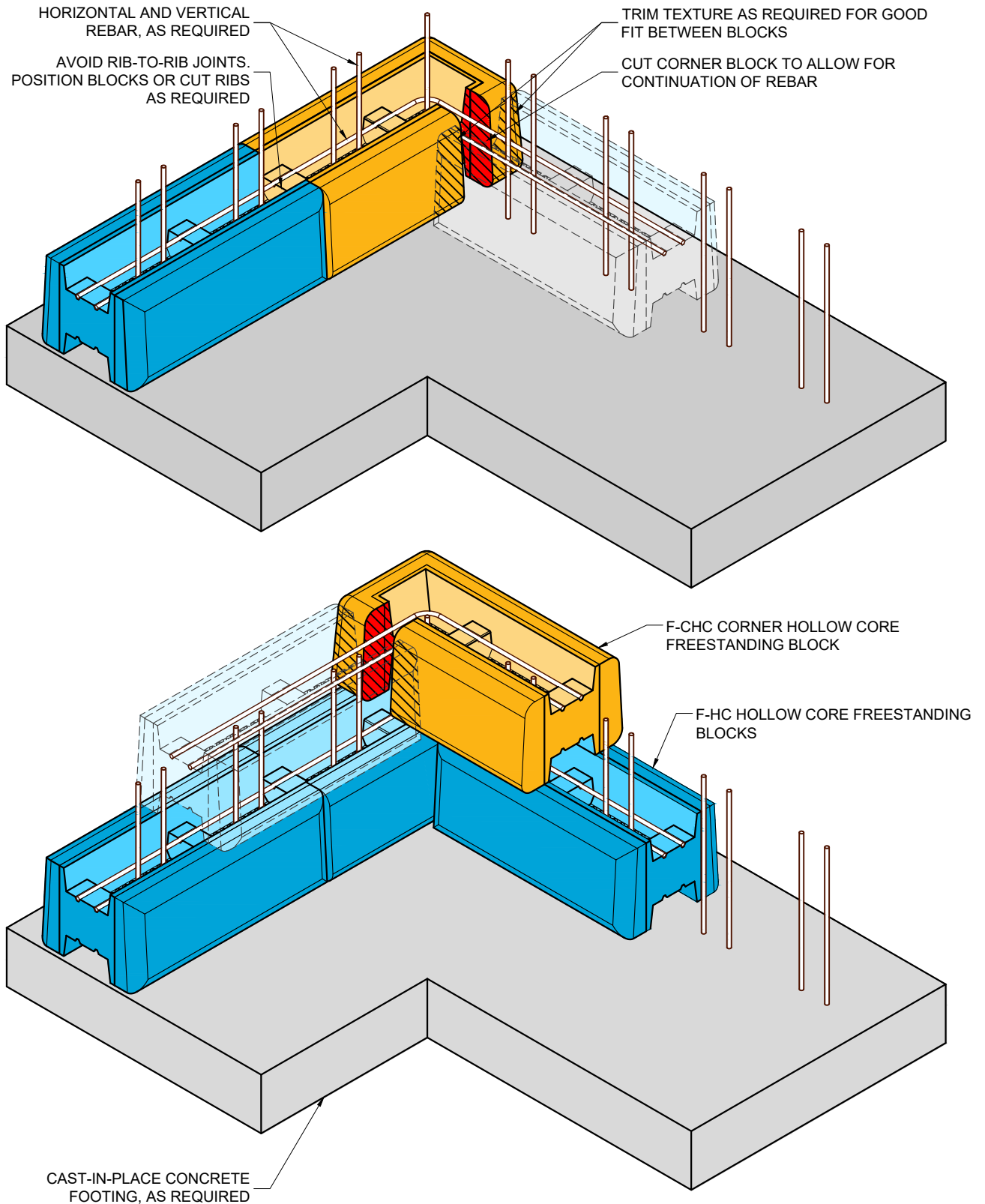
TITLE:

F-HC FREESTANDING BLOCK COPING WITH FENCE ATTACHMENT

FILE: F-HC Coping with Fence Attachment R-Anchor Option 011817.dwg

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DATE: 12/20/17

SHEET: 1 of 1

TITLE:

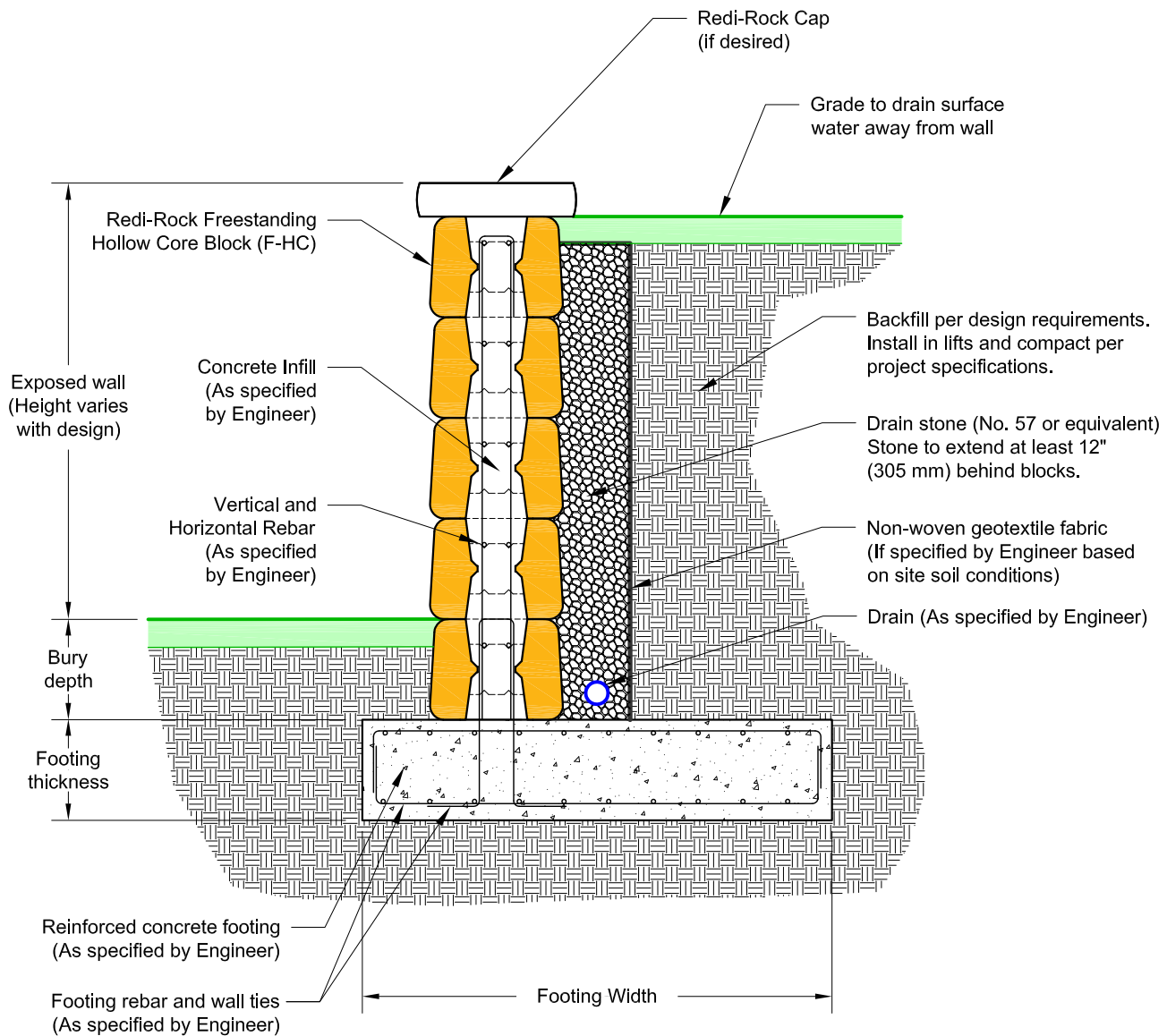
F-HC FREESTANDING BLOCK CONTINUOUS CORNER DETAIL

FILE: F-HC Corner Details 122017.dwg

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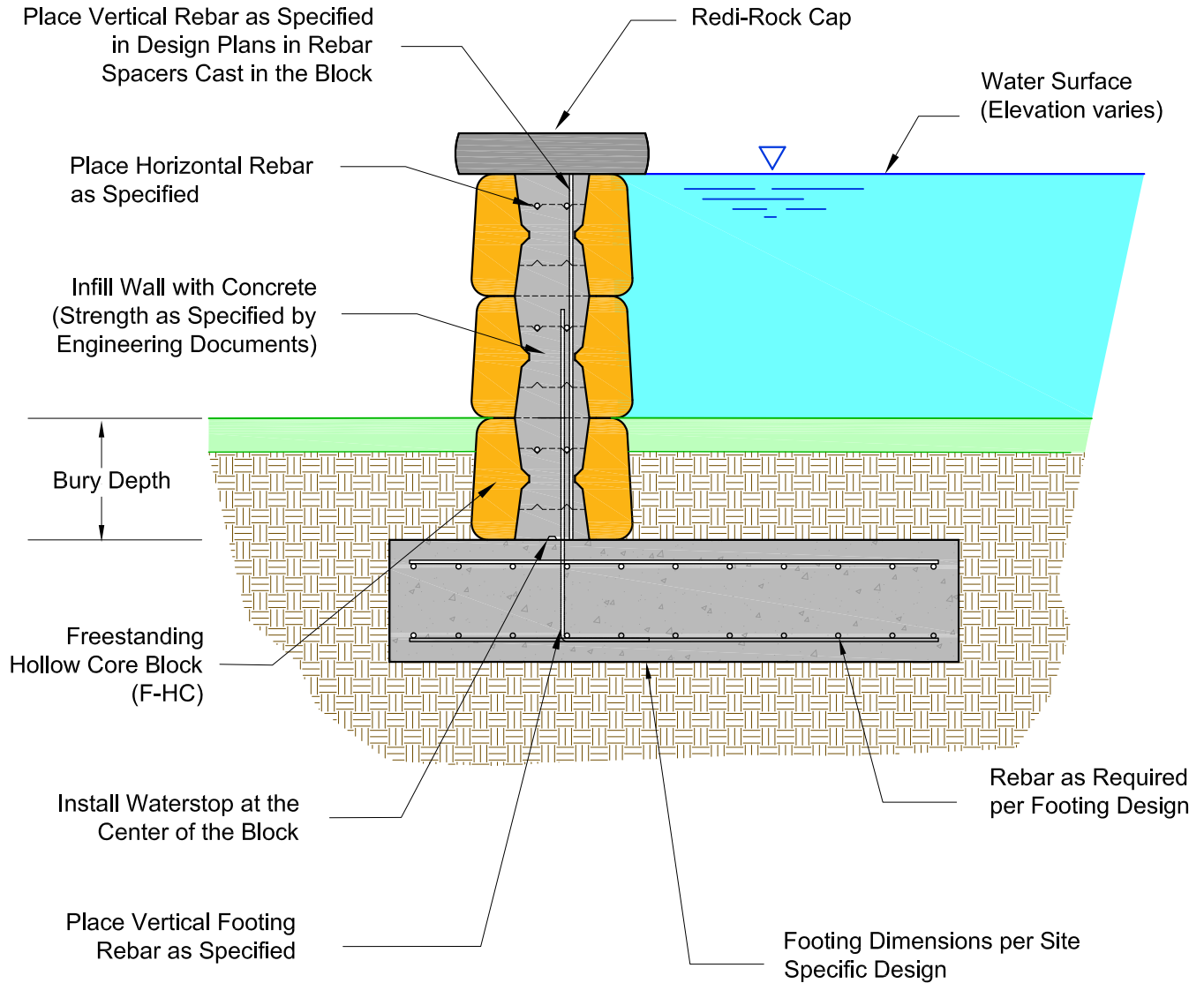
TYPICAL CANTILEVER WALL SECTION



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DRAWN BY: M. Walz	TITLE: Typical Cantilever Wall Section	REDI-ROCK 05481 US 31 SOUTH, CHARLEVOIX, MI 49720 (866) 222-8400 ext 3010 • engineering@redi-rock.com www.redi-rock.com
APPROVED BY: J. Johnson		
DATE: 30MAY2017		
SHEET: 1 of 1	FILE: F-HC Typical Cantilever Wall Section 053017.dwg	

CONCEPTUAL FLOOD CONTROL WALL

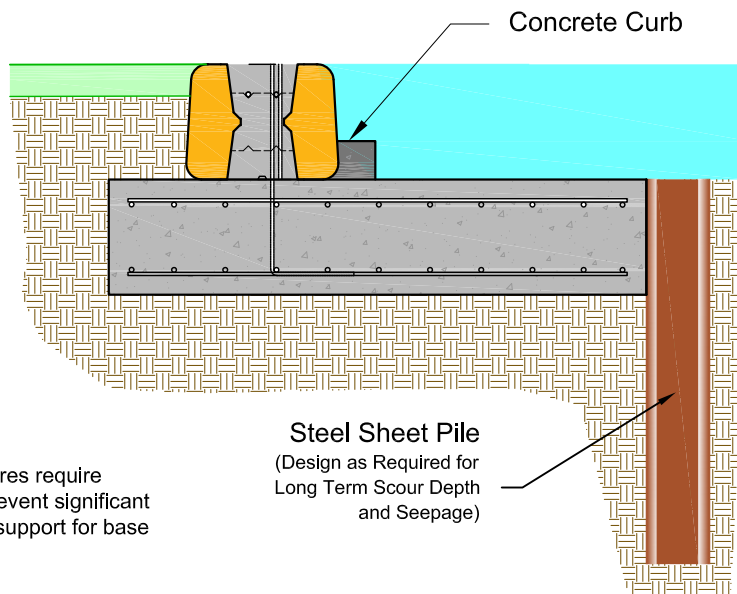
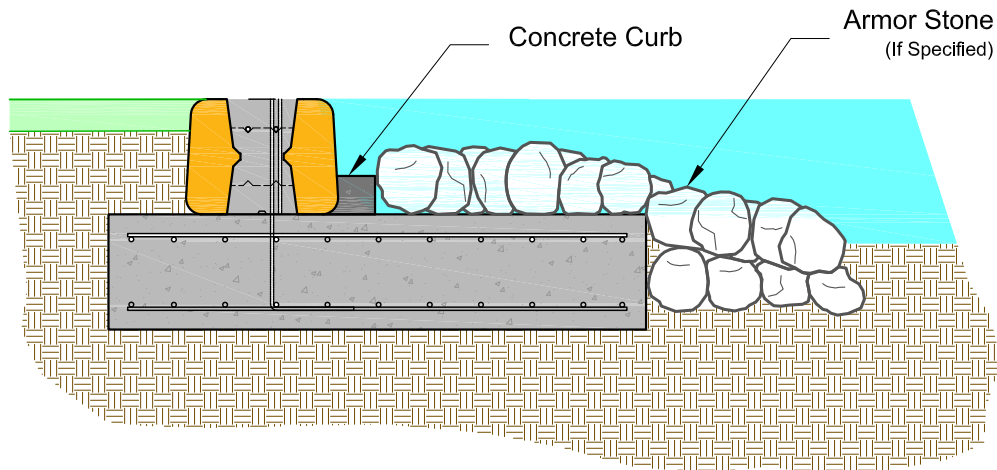
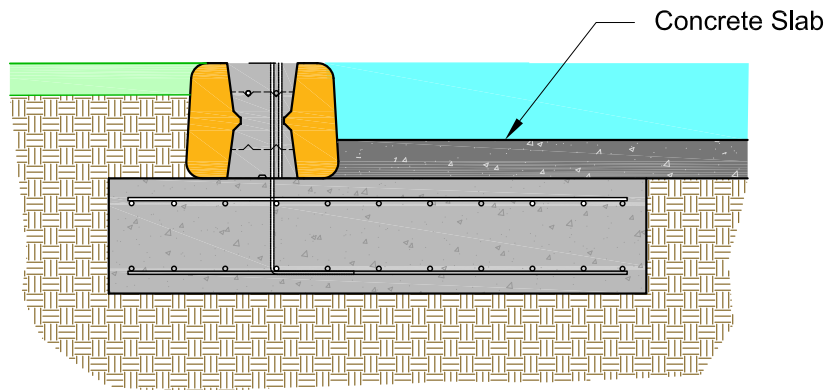


NOTE: Degree of water tightness depends on many factors. Slight seepage through joints can be expected using standard construction practices. See www.Redi-Rock.com for more information on flood control walls including detailed notes from full scale demonstration project testing.

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DRAWN BY:	D. Cerminaro	TITLE:	Conceptual Flood Control Wall Section	REDI-ROCK 05481 US 31 SOUTH, CHARLEVOIX, MI 49720 (866) 222-8400 ext 3010 • engineering@redi-rock.com www.redi-rock.com
APPROVED BY:	J. Johnson			
DATE:	20 December 2017			
SHEET:	1 of 2	FILE: F-HC Conceptual Flood Control Wall Section 122017.dwg		

OPTIONAL BASE DETAILS FOR FLOOD CONTROL WALLS



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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DRAWN BY: D. Cerminaro

APPROVED BY: J. Johnson

DATE: 20 December 2017

SHEET: 2 of 2

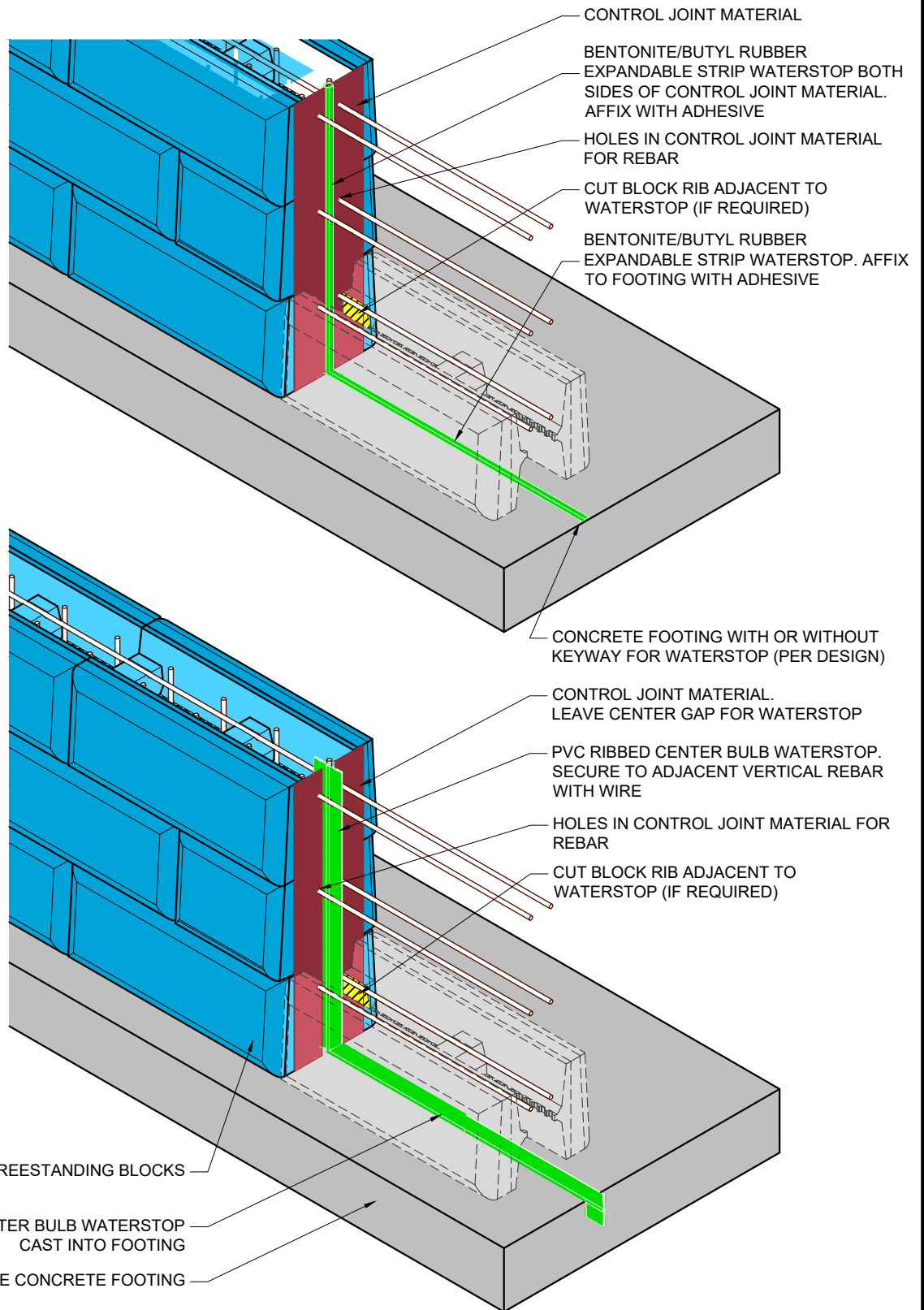
TITLE:

Optional Base Details for Flood Control Walls

FILE: F-HC Conceptual Flood Control Wall Section 122017.dwg

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TITLE:

F-HC FREESTANDING BLOCK WATERSTOP OPTIONS

FILE: F-HC Waterstop Options 122017.dwg

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