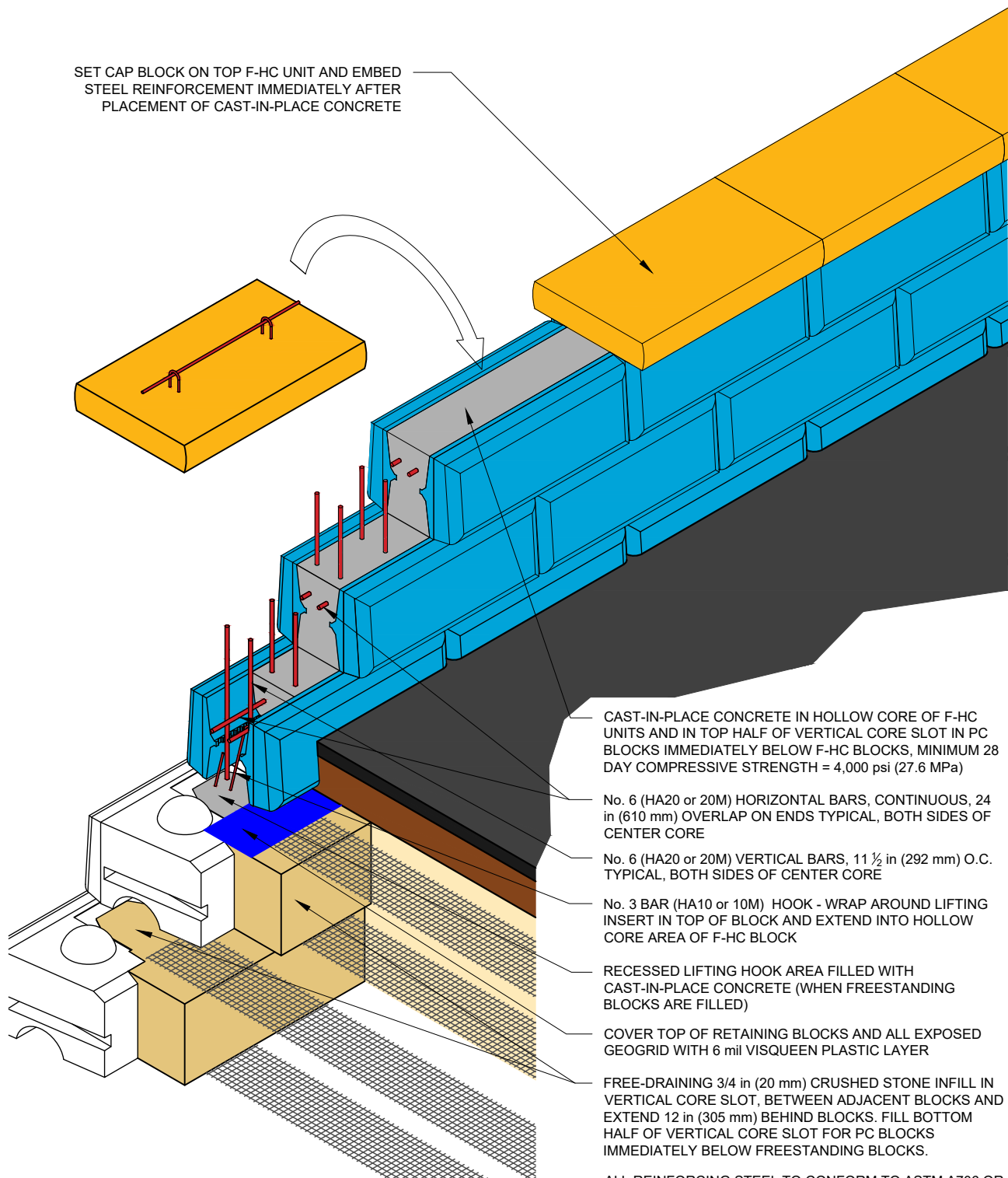


SET CAP BLOCK ON TOP F-HC UNIT AND EMBED
STEEL REINFORCEMENT IMMEDIATELY AFTER
PLACEMENT OF CAST-IN-PLACE CONCRETE



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 (27.6 MPa)

No. 6 (HA20 or 20M) HORIZONTAL BARS, CONTINUOUS, 24
in (610 mm) OVERLAP ON ENDS TYPICAL, BOTH SIDES OF
CENTER CORE

No. 6 (HA20 or 20M) VERTICAL BARS, 11 1/2 in (292 mm) O.C.
TYPICAL, BOTH SIDES OF CENTER CORE

No. 3 BAR (HA10 or 10M) 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

FREE-DRAINING 3/4 in (20 mm) CRUSHED STONE INFILL IN
VERTICAL CORE SLOT, BETWEEN ADJACENT BLOCKS AND
EXTEND 12 in (305 mm) BEHIND 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.

NOTE: METRIC BAR SIZES ARE GIVEN AS AN
APPROXIMATION TO THE US EQUIVALENT. METRIC
SPACING AND BAR SIZE SHOULD BE DESIGNED TO MEET
REGIONAL CODE REQUIREMENTS.

DRAWN BY: JJ/NL/EGS

APPROVED BY: LBR

DATE: 24JUN2026

SHEET: 1 OF 2

TITLE:

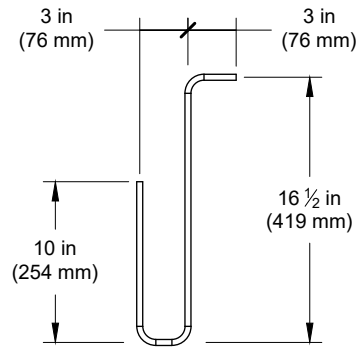
F-HC FREESTANDING BLOCK COPING

FILE: F-HC Coping R-Anchor Option 24JUN2026.dwg

REDI-ROCK

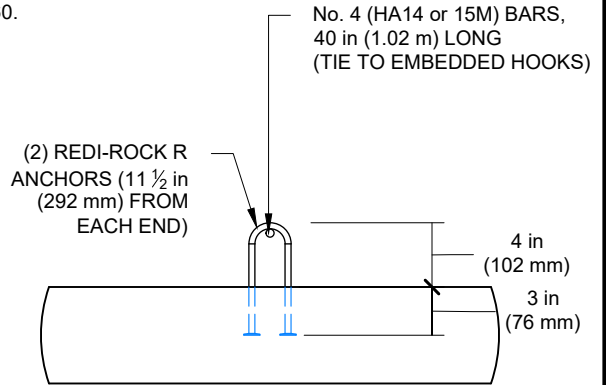
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ALL REINFORCING STEEL TO CONFORM TO
ASTM A706 OR AASHTO M31 GRADE 60.



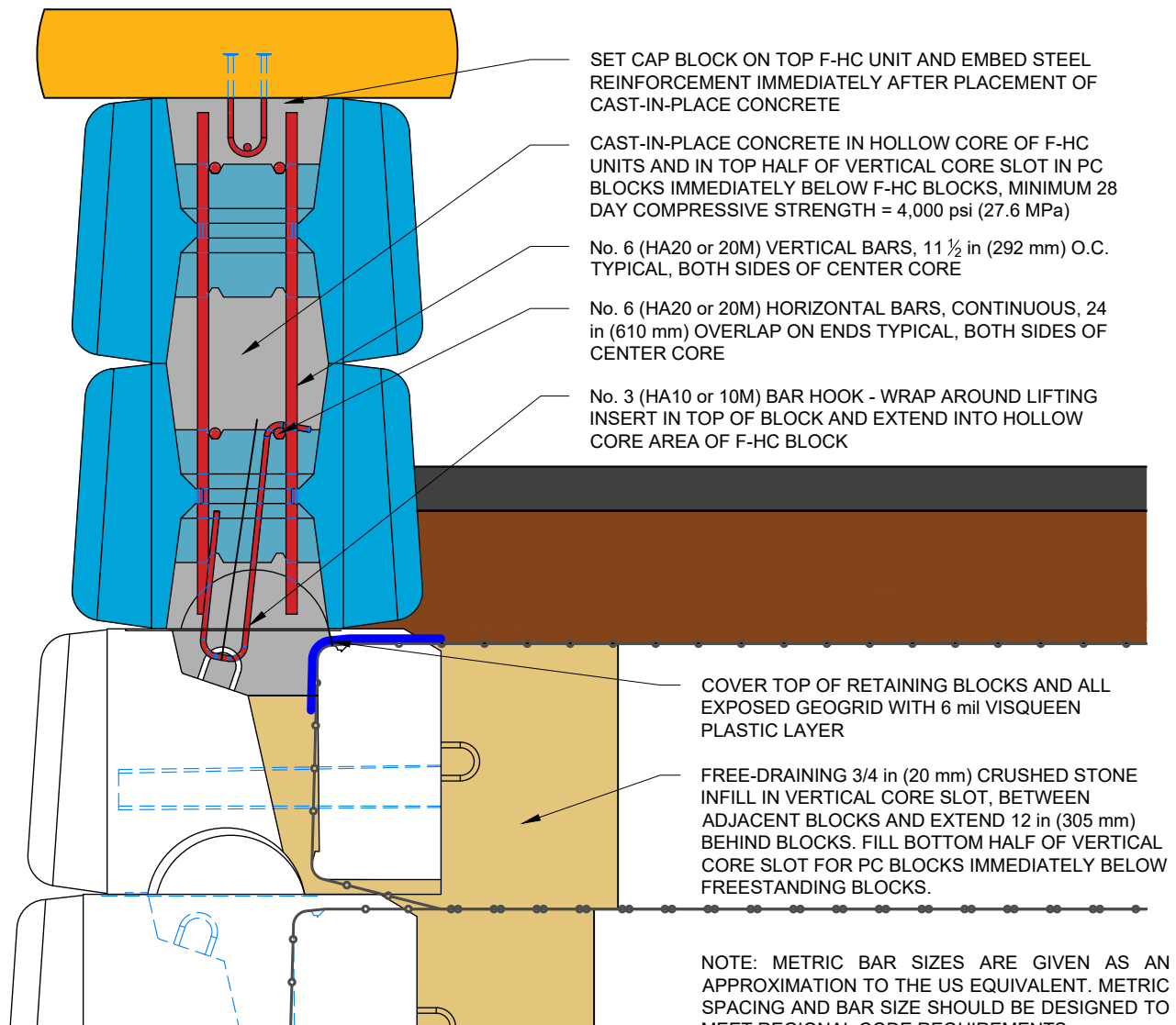
BEND DETAIL

NO. 3 (HA10 or 10M) REBAR
HOOKS



END VIEW

CAP BLOCK CAST WITH R-ANCHORS (SPECIALTY BLOCK)



NOTE: METRIC BAR SIZES ARE GIVEN AS AN APPROXIMATION TO THE US EQUIVALENT. METRIC SPACING AND BAR SIZE SHOULD BE DESIGNED TO MEET REGIONAL CODE REQUIREMENTS.

DRAWN BY: JJ/NL/EGS

APPROVED BY: LBR

DATE: 24JUN2026

SHEET: 2 OF 2

TITLE:

F-HC FREESTANDING BLOCK COPING

FILE:

F-HC Coping R-Anchor Option 24JUN2026.dwg

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