

THOR HELICAL CRACK STITCHING BAR

1/4"(6mm) dia. x39"long



- MATERIAL: AUSTENITIC STAINLESS STEEL, GRADE 304, AVAILABLE IN GRADE 316, AS SPECIAL ORDER.
- ULTIMATE TENSILE STRENGTH: 1486kip/in² - 177.7 kip/in²
- GROUT: WHD-60 GROUT IS A CEMENTITIOUS THIXOTROPIC, SHRINK COMPENSATED GROUT FORMULATED WITH A SPECIAL BLEND OF POLYMERIC REINFORCING RESINS THAT BOND STEEL TO MASONRY AND MASONRY TO MASONRY.

CRACK STITCHING INSTALLATION SPECS:

CRACK STITCHING TO BE PERFORMED USING 1/4 INCH (6MM) X 39 INCHES LONG, STAINLESS STEEL, GRADE 304 THOR HELICAL CRACK STITCHING BARS, AS MANUFACTURED BY THOR HELICAL.

* CRACK STITCHING WORK SHALL BE PERFORMED BY A THOR CERTIFIED INSTALLER.

FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS AND METHODS, AND CONSULT WITH ENGINEER FOR INTERPRETATION OF ANY CONFLICTS.

SEQUENCE OF INSTALLATION:

- CUT SLOT INTO THE HORIZONTAL MORTAR JOINT TO A DEPTH OF 1-1/2 INCHES. CUT SLOT 20 INCHES ON BOTH SIDES OF CRACK.
- HEIGHT OF SLOT SHALL BE EQUAL TO FULL HEIGHT OF THE HORIZONTAL MORTAR JOINT.
- REMOVE ALL MORTAR AND DUST FROM THE SLOTS AND THOROUGHLY, FLUSH WITH WATER.
- INJECT WHD-60 ' GROUT, HIGH PERFORMANCE GROUT', AND FILL SLOT WITH APPROXIMATELY 3/8 INCH TO 1/2" INCH DEEP INTO THE BACK OF THE JOINT.
- IN HOT CONDITIONS ENSURE THE MASONRY WALL IS WELL WETTED OR PRIMED TO PREVENT PREMATURE DRYING OF THE WHD-60 GROUT DUE TO DE-WATERING. WET THE SLOT JUST PRIOR TO INJECTING THE WHD-60 GROUT.
- INSERT 1/4 INCH (6mm) DIA. CRACK STITCHING BAR IN SLOT. HELICAL BAR SHALL EXTEND 19.5 INCHES MIN. ON BOTH SIDES OF THE CRACK.
- IF TWO OR MORE ADJACENT CRACKS ARE BEING STITCHED TOGETHER PLACE CRACK STITCHING BAR 19.5 INCHES BEYOND OUTER CRACK INCHES.
- VERTICAL SPACING BETWEEN HELICAL BARS SHALL NOT EXCEED 24 INCHES.
- WHERE CRACKS ARE LESS THAN 18 INCHES FROM A CORNER CONTINUE HELICAL BAR AROUND CORNER OF THE WALL FOR A MINIMUM OF 15 INCHES AND BOND INTO ADJOINING WALL. IF REQUIRED LENGTH EXCEEDS 39 INCHES USE THOR LONG BARS AND CUT TO LENGTH.
- INJECT A SECOND BEAD OF WHD-60 GROUT OVER THE EXPOSED HELICAL BAR AND PACK IT INTO THE SLOT USING FINGER TRUWEL. INJECT ADDITIONAL WHD-60 GROUT, IF NECESSARY. LEAVE 3/4 INCH SPACE FOR POINTING
- POINT THE OPENING IN THE SLOT (MORTAR JOINT) WITH SUITABLE MATCHING MORTAR.
- ANY MISSING OR POOR QUALITY MASONRY MUST BE REPLACED.
- PATCH CRACK WITH SILICONE BUILDING SEALANT OR OTHER PATCHING MATERIAL THAT MATCHES BRICK AND FOLLOW MANUFACTURER'S INSTRUCTIONS.

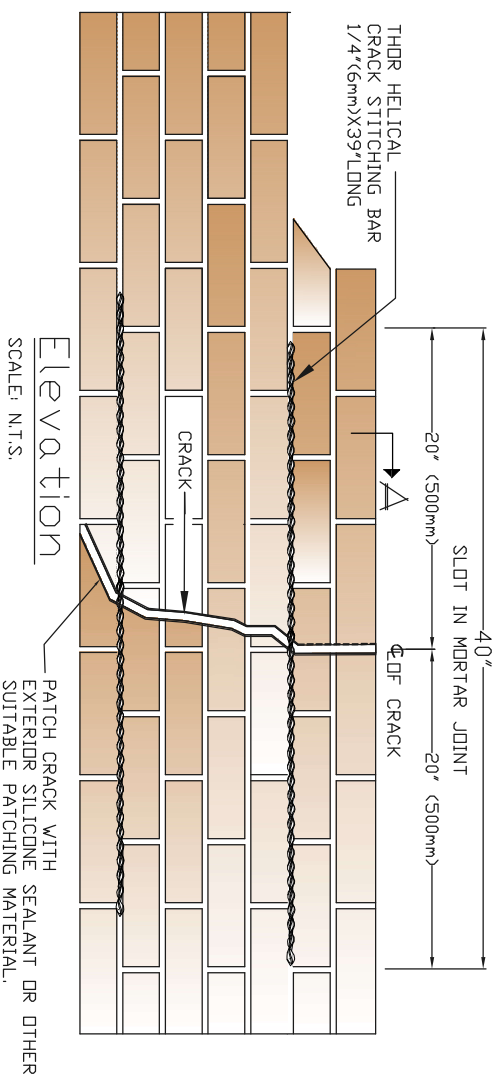
CAT.NO.: M60-1000-A2

DATE: January 2, 2017 SCALE: Not To Scale

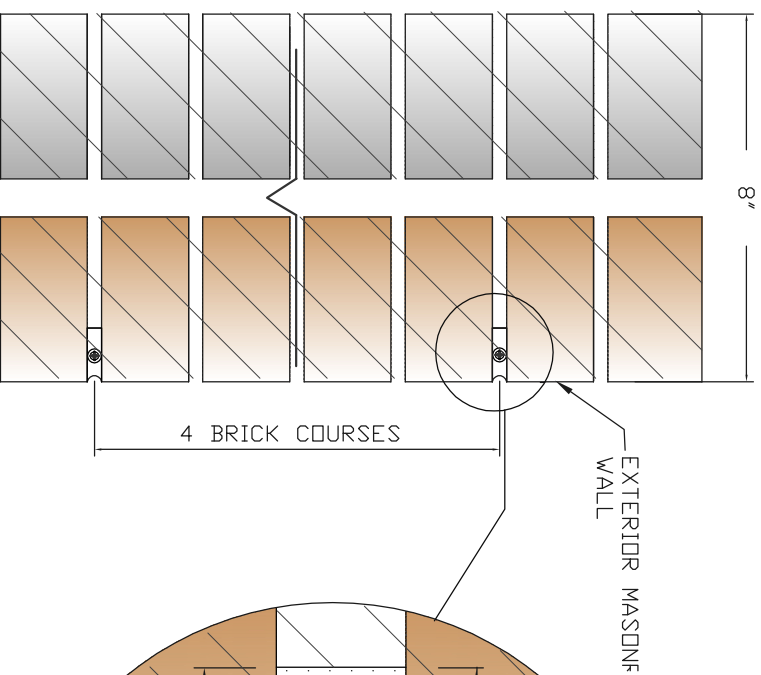
Drawing No.:

PROJECT: TYPICAL DETAIL

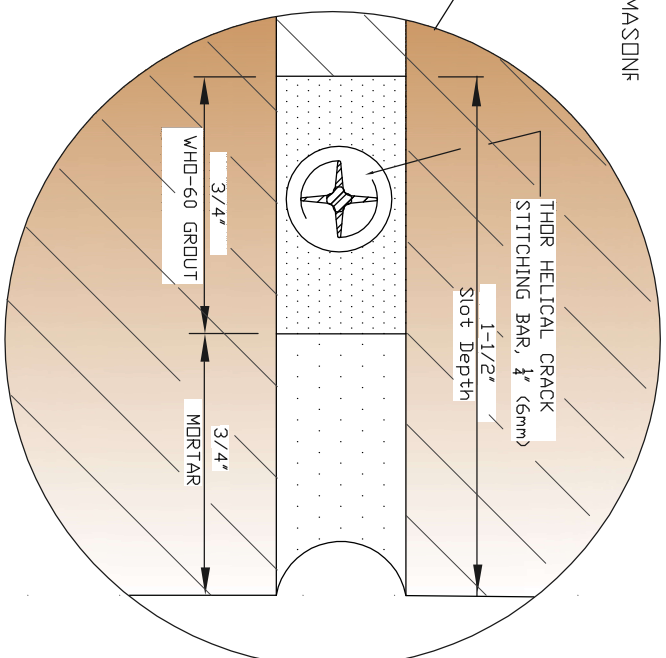
C-201



Elevation
SCALE: N.T.S.



Section A
SCALE: N.T.S.



Joint Detail
SCALE: N.T.S.

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