

THOR HELICAL LONG BAR
 1/4" (6mm) dia. x 23' long
 (CUT TO LENGTH IN FIELD)



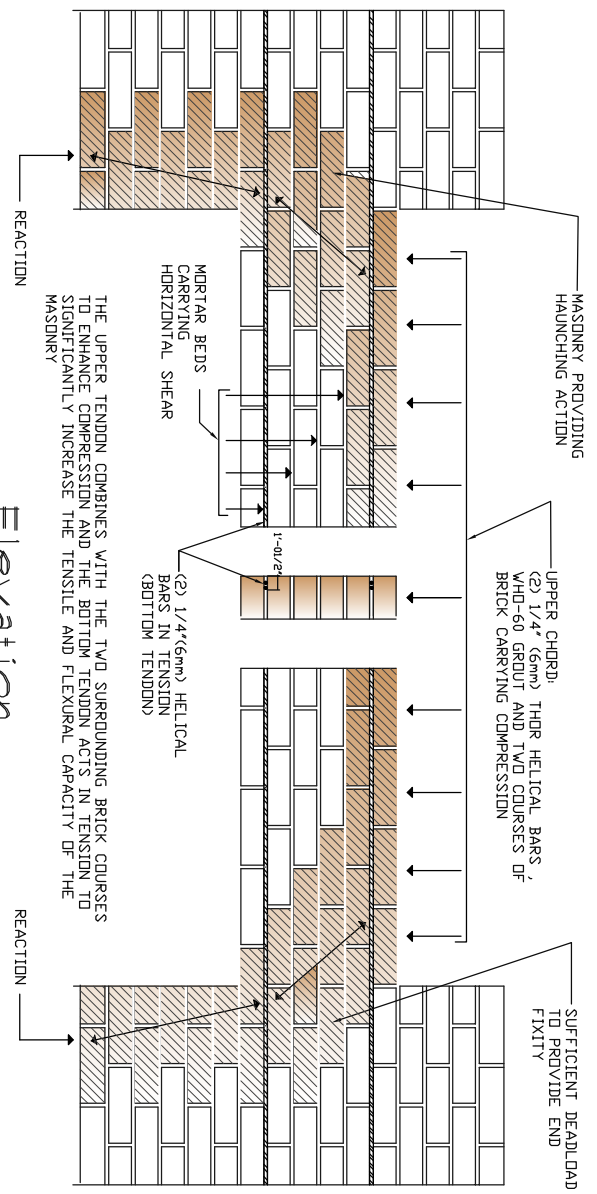
- MATERIAL: AUSTENITIC STAINLESS STEEL, GRADE 304 AVAILABLE IN GRADE 316, AS SPECIAL ORDER
- ULTIMATE TENSILE STRENGTH: 152k/1m² - 174 k/1m²
- GROUT: WHO-60 GROUT MANUFACTURED BY THOR HELICAL. HIGH PERFORMANCE MASONRY REPAIR GROUT IS A CEMENTITIOUS THIXOTROPIC, SHRINK COMPENSATED GROUT FORMULATED WITH A SPECIAL BLEND OF POLYMERIC REINFORCING RESINS THAT BOND STEEL TO MASONRY AND MASONRY TO MASONRY.
- LINTEL REPAIR 7 BEAMING INSTALLATION SPECS
- LINTEL REPAIR TO BE PERFORMED USING 3/8" (6mm) X ---" LONG, STAINLESS STEEL, GRADE 304 "THOR HELICAL LONG BARS" AS MANUFACTURED BY THOR HELICAL.

* LINTEL REPAIR AND BEAMING WORK SHALL BE PERFORMED BY A THOR CERTIFIED INSTALLER.

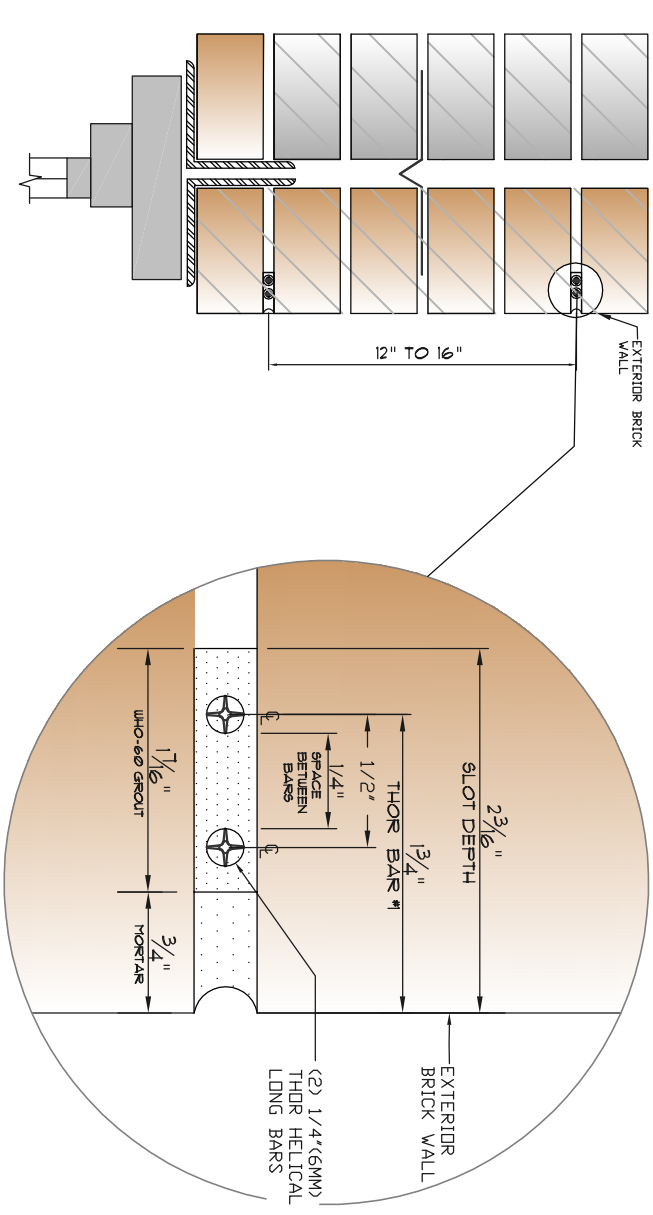
FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS AND METHODS AND CONSULT WITH ENGINEER FOR INTERPRETATION OF ANY CONFLICTS.

SEQUENCE OF INSTALLATION IS AS FOLLOWS:

1. CUT TWO SLOTS INTO THE HORIZONTAL MORTAR JOINT OF APPROPRIATE DEPTH AND LENGTH. SLOTS TO EXTEND 20" (500mm) BEYOND THE EDGE OF OPENING ON BOTH SIDES OF OPENING.
2. HEIGHT OF SLOT SHALL BE EQUAL TO FULL HEIGHT OF THE HORIZONTAL MORTAR JOINT.
3. REMOVE ALL MORTAR AND DUST FROM THE SLOTS AND THOROUGHLY FLUSH WITH WATER.
4. CUT "THOR HELICAL LONG BARS" TO REQUIRED LENGTH. TOTAL LENGTH OF BAR IS DETERMINED BY MEASURING THE OPENING AND ADDING 40" TO THE OPENING WIDTH. THE RESULTING TOTAL IS THE REQUIRED LENGTH FOR THE BARS.
5. PUMP BEAD OF 'WHO-60' GROUT, HIGH PERFORMANCE GROUT TO REAR OF SLOT, FILLING IT EVENLY TO APPROXIMATELY HALF FULL.
6. IN HOT CONDITIONS ENSURE THE MASONRY WALL IS WET OR PRIMED TO PREVENT PREMATURE DRYING OF THE WHO-60 DUE TO DE-WATERING. WET THE SLOT JUST PRIOR TO INJECTING THE 'WHO-60 GROUT'.
7. INSERT 1/4" (6mm) DIAMETER "THOR HELICAL LONG BAR" IN SLOT AND PUSH INTO THE GROUT TO THE APPROPRIATE DEPTH. TROWEL DISPLACED GROUT TO FULLY ENCAPSULATE THE BAR.
8. PUMP SECOND BEAD OF GROUT TO BELOW FACE OF BRICKWORK.
9. INSERT AND PUSH A SECOND LONG HELICAL BAR INTO GROUT ENSURING BARS ARE AT LEAST (10mm) APART. TROWEL GROUT TO FULLY ENCAPSULATE THE BAR AND LEAVE 3/4" SPACE FOR POINTING
10. POINT THE OPENING IN THE SLOT WITH SUITABLE MATCHING MORTAR.
11. ANY MISSING OR POOR QUALITY MASONRY MUST BE REPLACED.



Elevation
 SCALE: N.T.S.



Section A
 SCALE: N.T.S.

Joint Detail
 SCALE: N.T.S.

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DATE: January 2, 2017	SCALE: Not To Scale	L-210
PROJECT: TYPICAL DETAIL		

1/4" (6mm) x 23' LONG - CAT. NO.: M60-7000-A2