

HELIFIX INSTALLATION PROCEDURES

INSTALL HELIFIX STAINLESS STEEL TIES INTO EXISTING STONE CLADDING. (DRYFIX TECHNIQUE) AT SPECIFIED SPACING. PATCH ALL PENETRATIONS TO MATCH EXISTING SURFACE USING DOW CORNING 790 SEALANT.

- A 8.0mm ENTRY HOLE SHALL BE PREDRILLED THROUGH THE EXISTING STONE PANEL AND CONTINUOUSLY DRILLED INTO THE PRE-CAST CONCRETE STRUCTURAL BACK-UP TO A HORIZONTAL PENETRATION DEPTH OF NOT LESS THAN 3.00". THIS DRILL PROCEDURE IS TO BE CARRIED OUT BY MEANS OF A HIGH SPEED ELECTRIC HAMMER DRILL (3 JAW CHUCK TYPE).

- NOTE: A DRYFIX SUPPORT TOOL MAY BE REQUIRED WHEN INSTALLING LONGER LENGTHS OF HELIFIX TIE INTO DENSE CONCRETE UNITS.

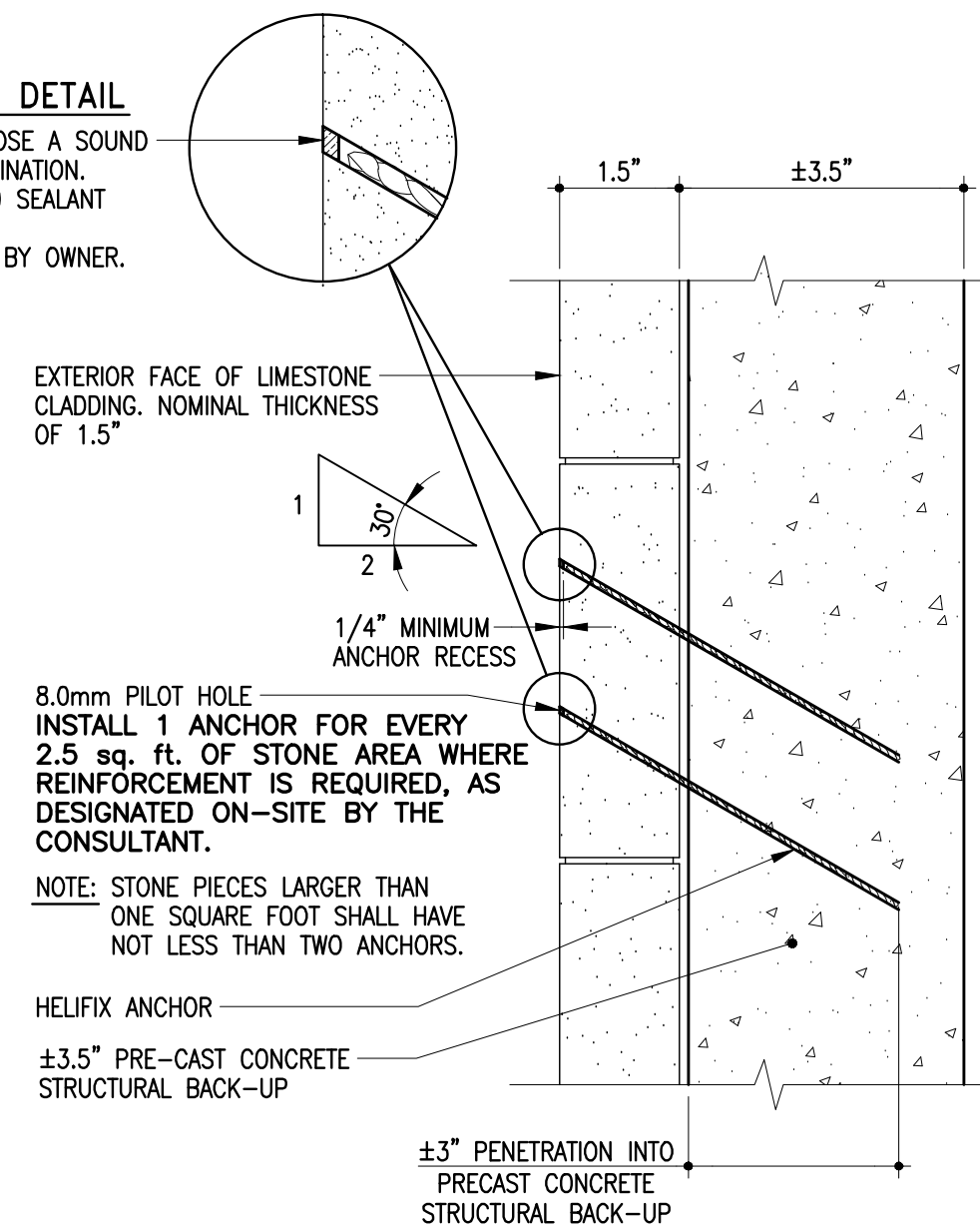
- THE 10mm HELIFIX 304 STAINLESS STEEL ANCHOR SHALL THEN BE DRIVEN INTO POSITION WITH A HELIFIX "DRYFIX" POWER TOOL MOUNTED ON AN S.D.S. TYPE CONCRETE HAMMER DRILL AND RECESSED 1/4" FROM THE SURFACE. THE STONE SHALL THEN BE PATCHED AT THE LOCATIONS OF THE PENETRATIONS TO MATCH EXISTING ADJACENT STONE SURFACE AS PER SPECIFICATIONS.

- CONTRACTOR TO OBTAIN ALL RELEVANT DRILL BITS AND SETTING TOOLS FROM HELIFIX CORPORATION OF NORTH AMERICA LIMITED.

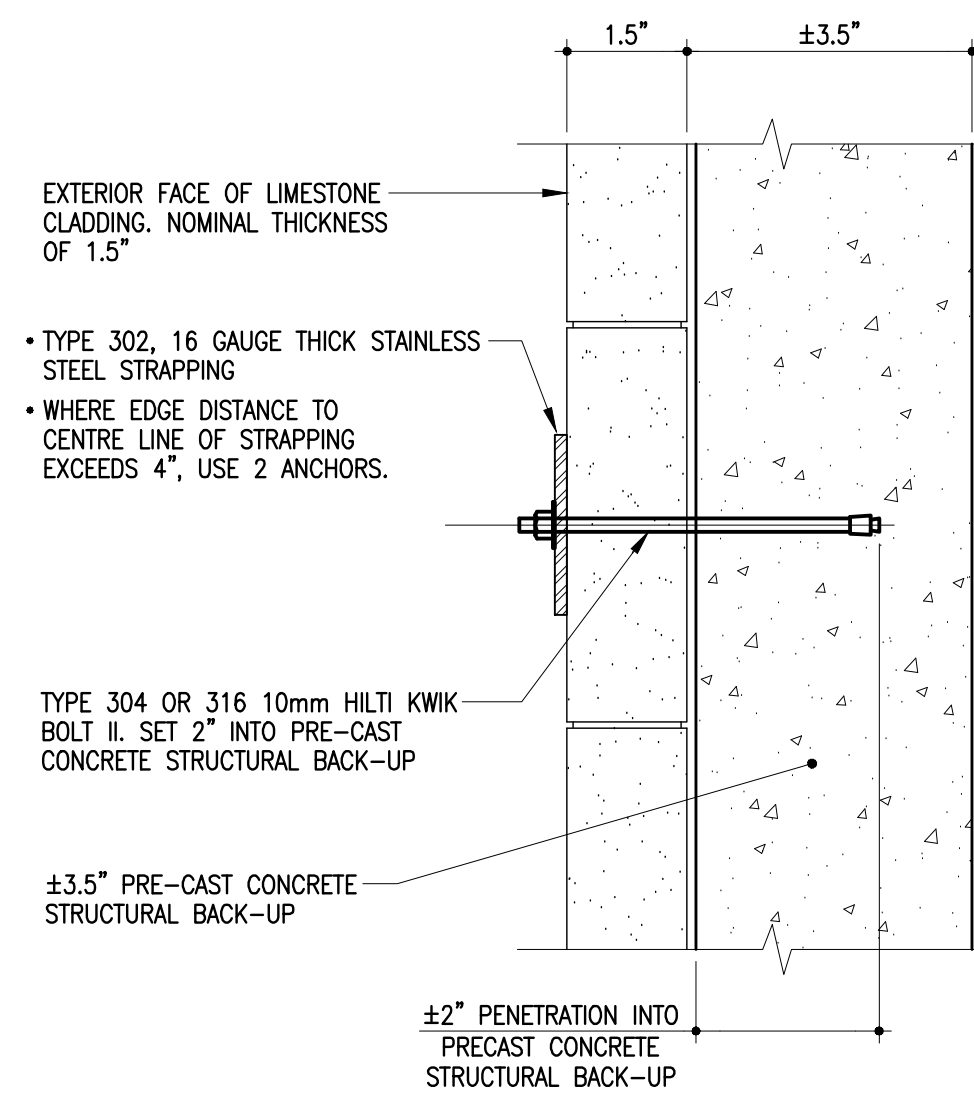
- SEE SPECIFICATION REGARDING FURTHER INFORMATION WITH RESPECT TO METHODS AND MATERIALS.

WEATHER SEALING DETAIL

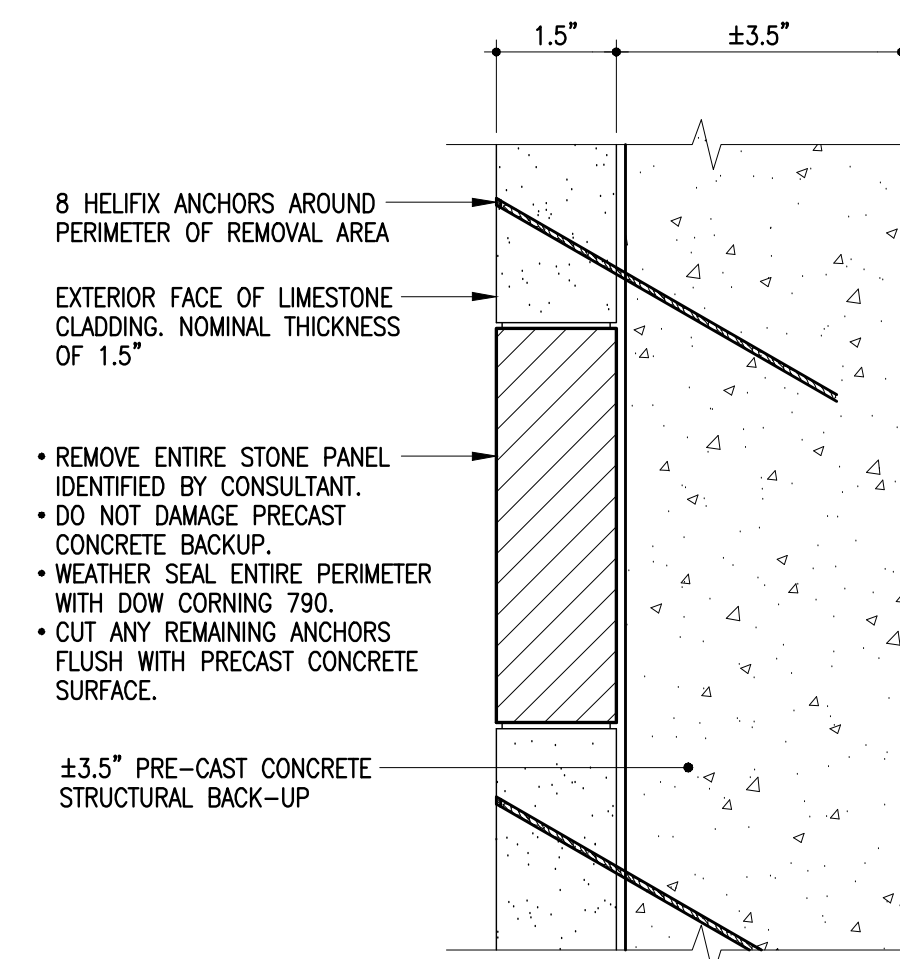
- CLEAN SUBSTRATE TO EXPOSE A SOUND SURFACE FREE OF CONTAMINATION.
- INSTALL DOW CORNING 790 SEALANT DRY TOOLING ONLY.
- COLOUR TO BE APPROVED BY OWNER.



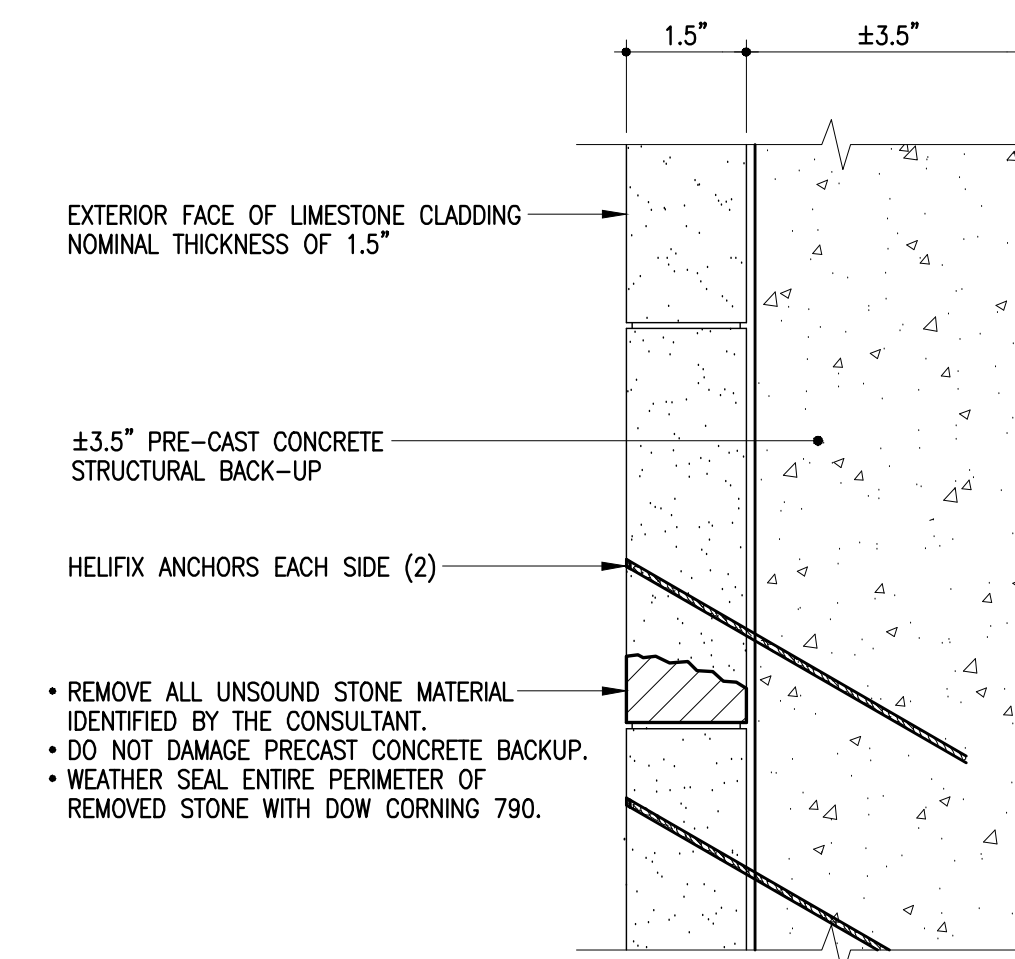
A HELIFIX ANCHOR DETAIL
SK-2 N.T.S. UNIT PRICE



B HILTI KWIK BOLT 3 STRAPPING DETAIL
SK-2 N.T.S. UNIT PRICE



C STONE PANEL REMOVAL
SK-2 N.T.S. UNIT PRICE



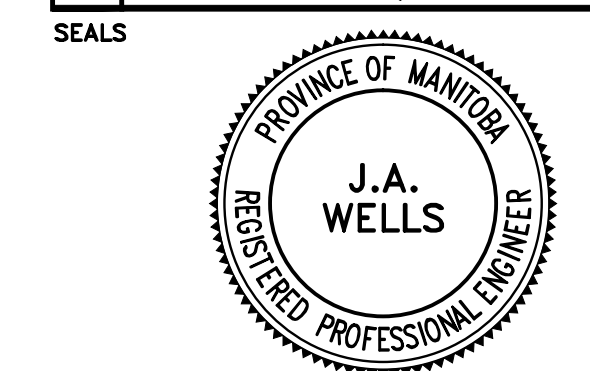
D REMOVAL OF SECTIONS OF STONE PANEL
SK-2 N.T.S. UNIT PRICE

300-275 Carlton Street
Winnipeg, Manitoba R3C 5R6
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F 204. 943. 7507
2010-0299



Crosier Kilgour & Partners Ltd.
CONSULTING STRUCTURAL ENGINEERS

NO.	REVISION/DESCRIPTION	BY	DATE
1	ISSUED FOR TENDER	MDC	04.06.10



DRAWN BY	CL	CHECKED BY	APPROVED
		USER APPROVAL	

CITY OF WINNIPEG
PLANNING, PROPERTY & DEVELOPMENT DEPARTMENT
CIVIC ACCOMMODATIONS DIVISION
300 - 65 GARRY ST. R3C 4K4



PROJECT
PUBLIC SAFETY BUILDING
151 PRINCESS STREET
2010 CLADDING STABILIZATION
WINNIPEG, MANITOBA

SHEET TITLE
DETAILS AND NOTES

SCALE	PROJECT NO.	SHEET NO.
AS NOTED	2010-0299	SK-2