

FILE NAME:

DATE:

DESCRIPTION:

PROJECT No:

ADDRESS:

NOTES :

HELIFIX INSTALLATION PROCEDURES

INSTALL HELIFIX STAINLESS STEEL TIES INTO EXTERIOR 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).

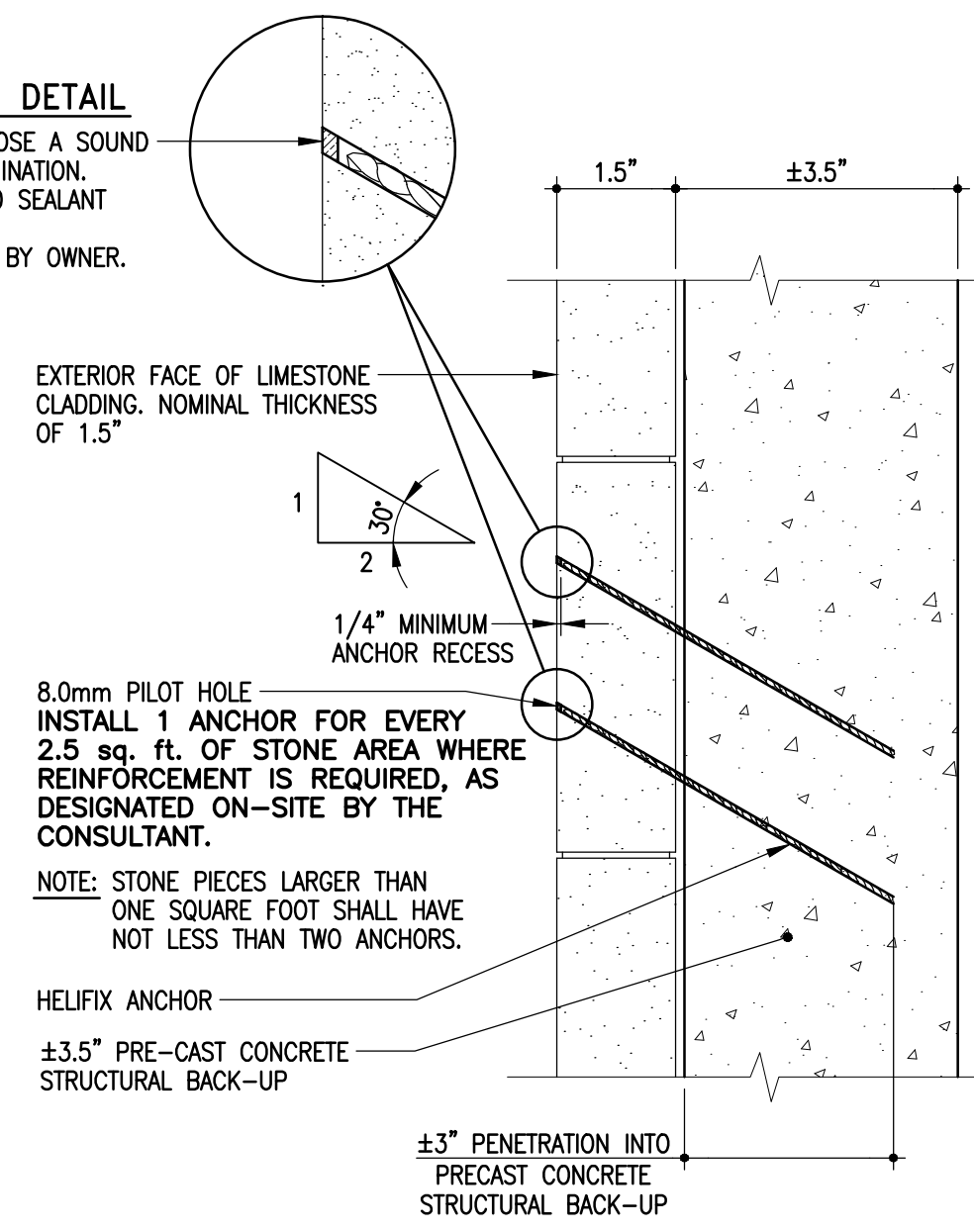
- NOTE: A DRYFIX SUPPORT TOOL MAY BE REQUIRED WHEN INSTALLING LONGER LENGTHS OF HELIFIX TIE INTO DENSE CONCRETE UNITS.

- 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.

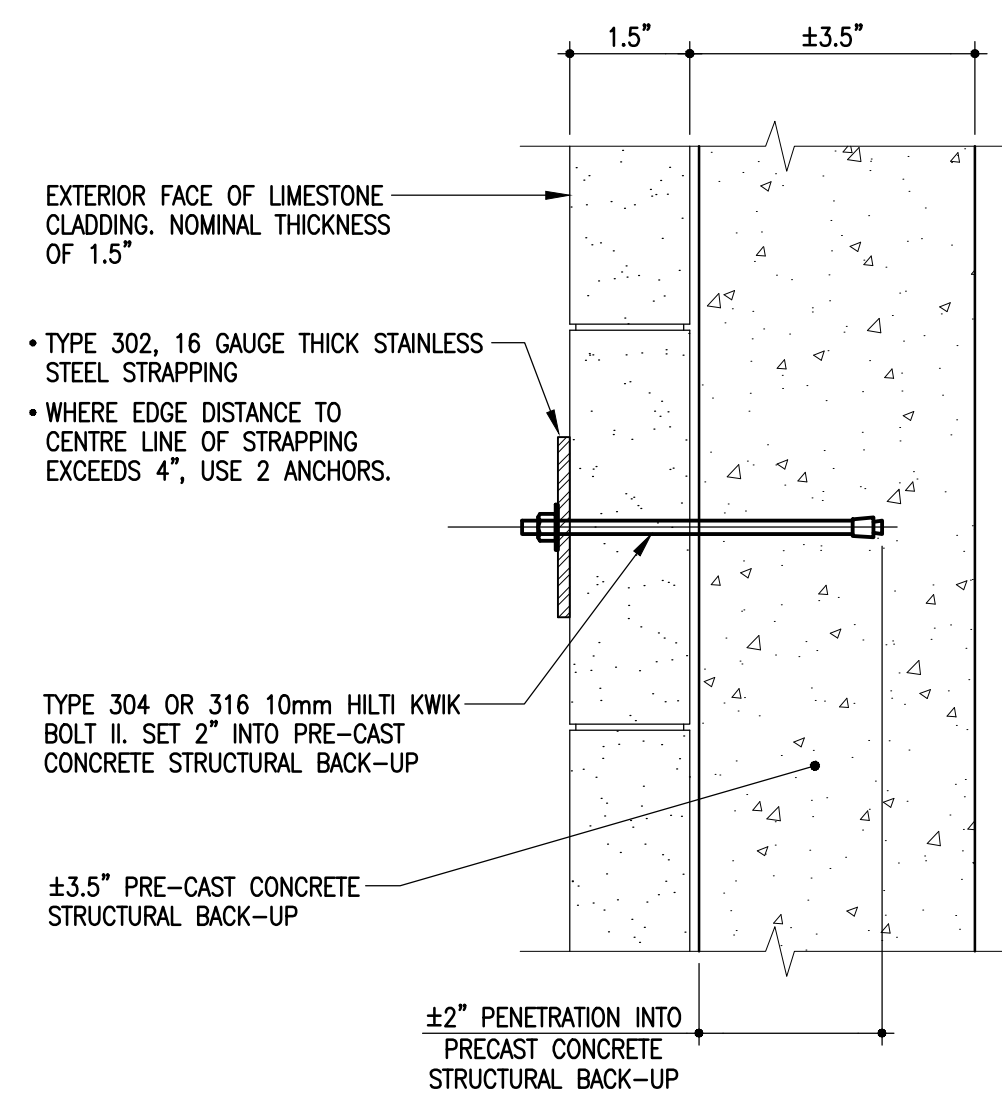
- CONTRACTOR TO OBTAIN ALL RELEVANT DRILL BITS AND SETTING TOOLS FROM HELIFIX CORPORATION OF NORTH AMERICA LIMITED.
- SEE SPECIFICATION REGARDING FURTHER INFORMATION WITH RESPECT TO METHODS AND MATERIALS.

WEATHER SEALING DETAIL

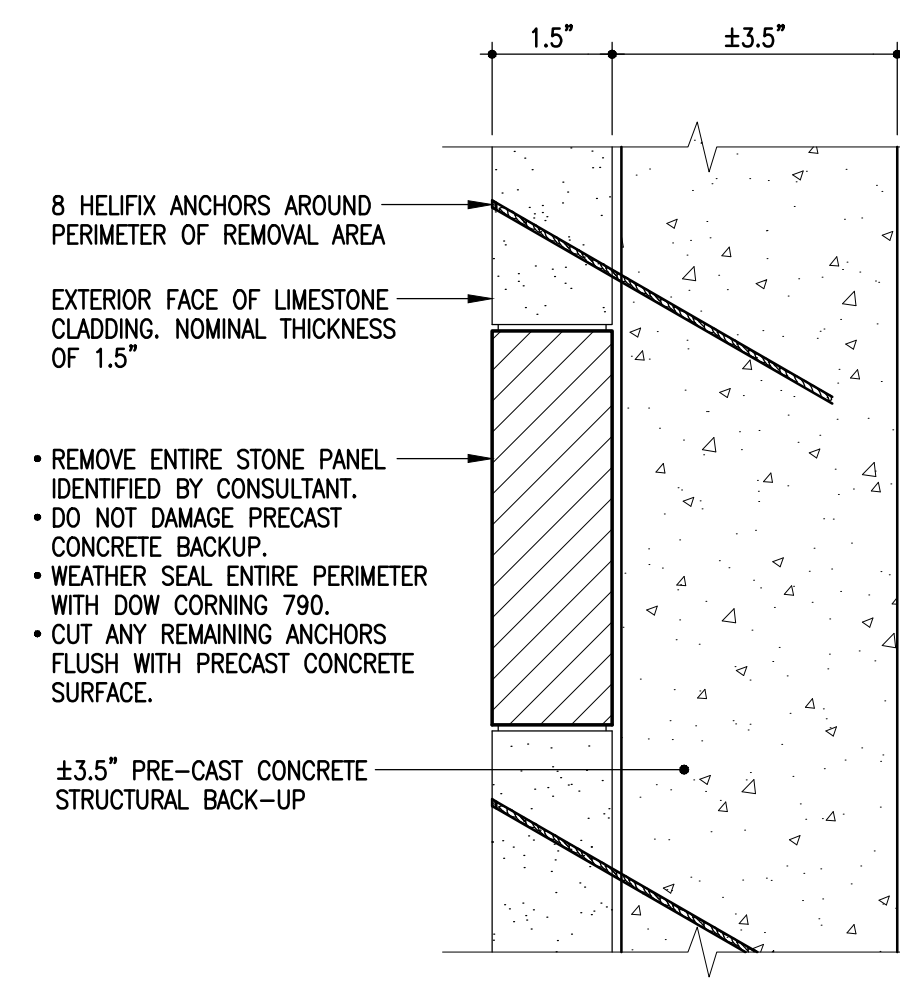
- CLEAN SUBSTRATE TO EXPOSE A SOUND SURFACE FREE OF CONTAMINATION.
- INSTALL DOW CORNING 790 SEALANT DRY TOOLING ONLY.
- COLOUR TO BE APPROVED BY OWNER.



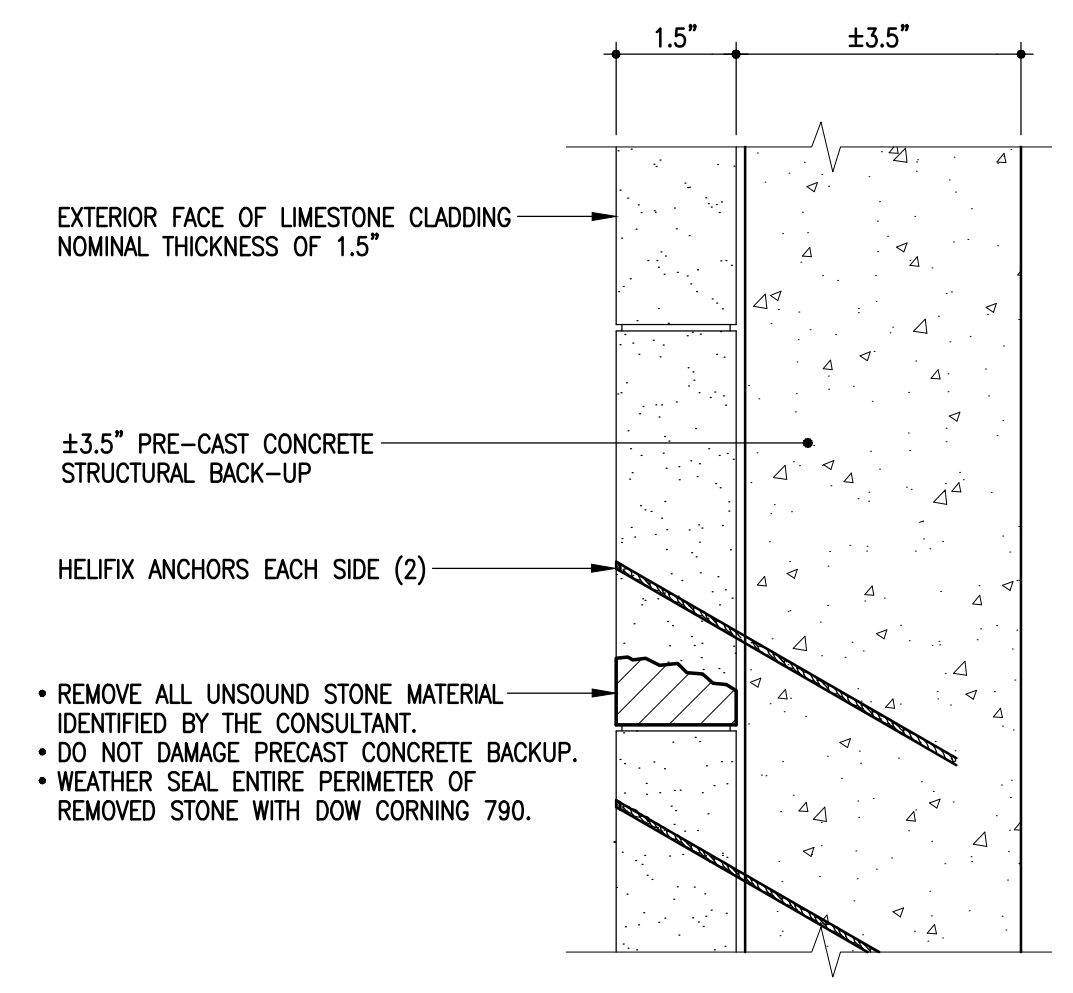
A HELIFIX ANCHOR DETAIL
SK-2 N.T.S. UNIT PRICE



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

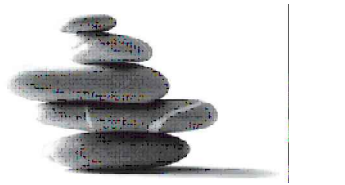


C STONE PANEL REMOVAL
SK-2 N.T.S. UNIT PRICE



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

300-275 Carlton Street
Winnipeg, Manitoba R3C 5R6
T 204-943-7501
F 204-943-7507
2014-1061



Crosier Kilgour & Partners Ltd.
CONSULTING STRUCTURAL ENGINEERS

NO.	REVISION/DESCRIPTION	BY	DATE
1	ISSUED FOR BID	SWW	9/25

DRAWN BY	CHECKED BY	APPROVED
JSR	SWW	JAW

DATE: 2014.09.25 USER APPROVAL

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

PROJECT
PUBLIC SAFETY BUILDING
151 PRINCESS STREET
2014 CLADDING STABILIZATION
WINNIPEG, MANITOBA

SHEET TITLE
DETAILS AND NOTES

SCALE	PROJECT NO.	SHEET NO.
AS NOTED	2014-1061	SK-2

DRAWING SHEET SIZE: 24x36 PLOT 1:1