

REFERENCE DRAWINGS			
NO.	DATE	DESCRIPTION	Drawn by / Dessiné par
1	2022/10/19	ISSUED FOR ADDENDUM 1	
0	2022/09/28	ISSUED FOR TENDER	

REVISIONS			
NO.	DATE	DESCRIPTION	Drawn by / Dessiné par
A		A Detail number / A Numéro de détail	
B		B Sheet number / B Sur feuille numero	

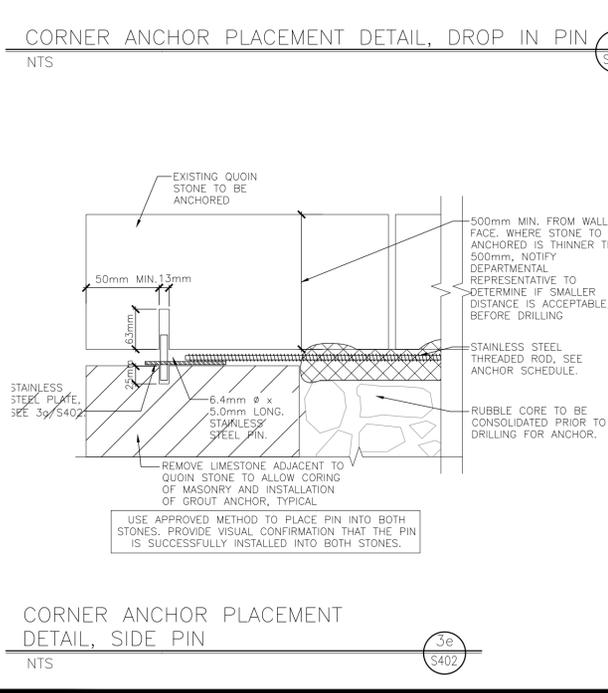
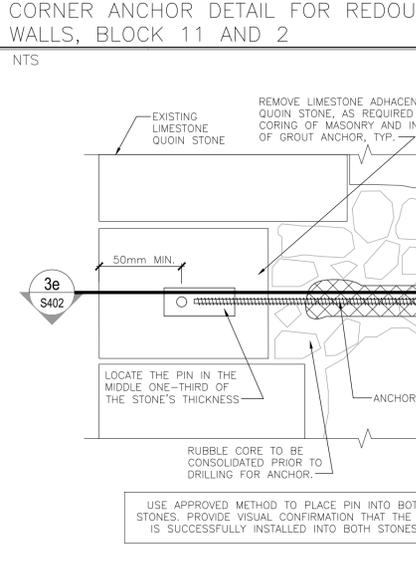
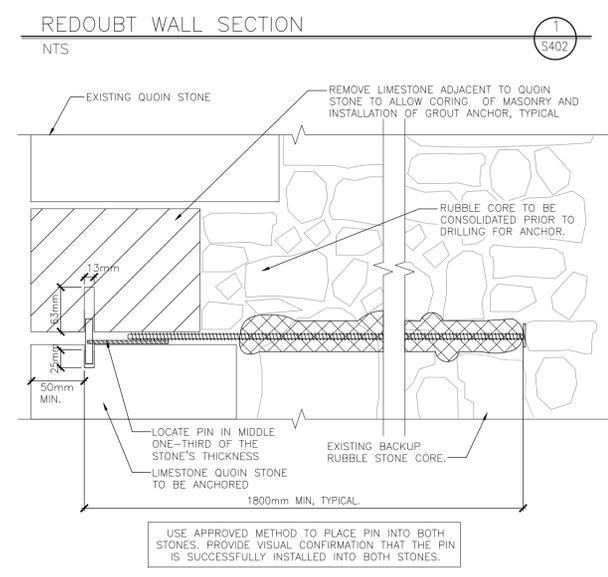
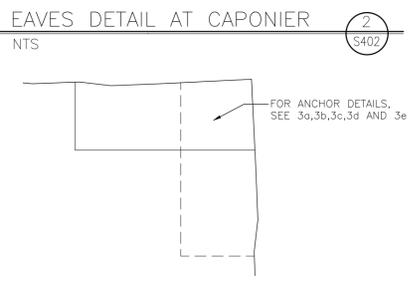
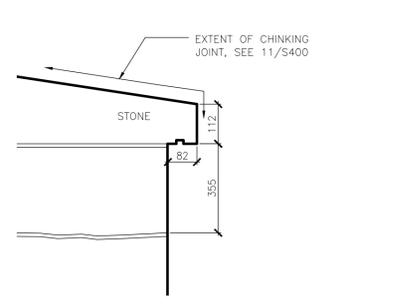
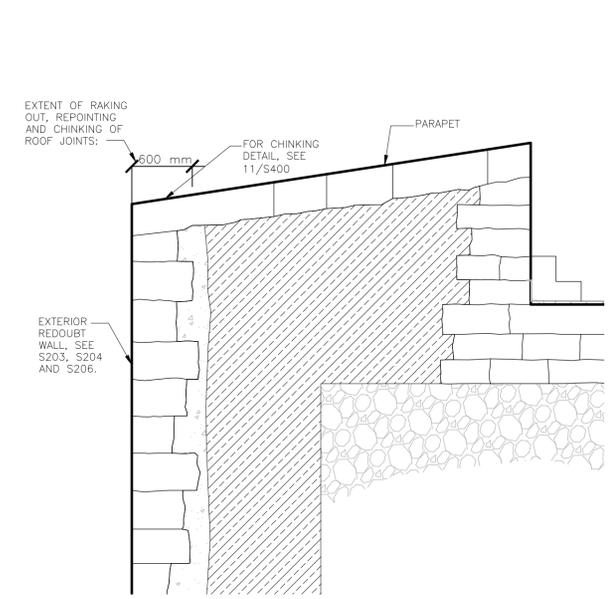
Linear dimensions in millimeters / Dimensions linéaires en millimètres



Project title / Titre du projet
FORT HENRY 2023 MASONRY REHABILITATION
REDOUBT BLOCKS 1,2 & 11

Drawing title / Titre du dessin
MASONRY REPAIR SECTIONS

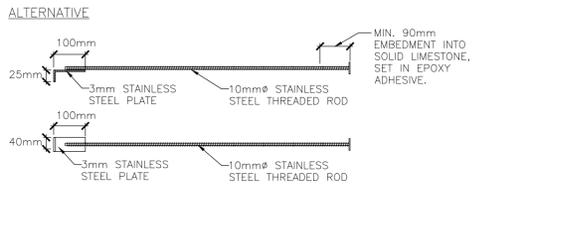
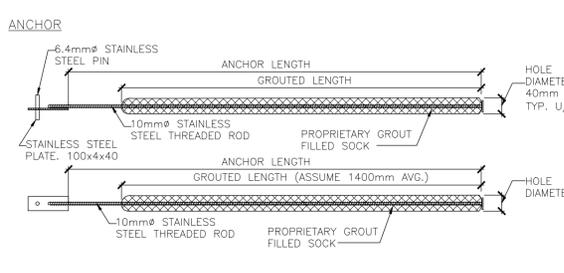
Plot Scale / Echelle 1:1 (A1 Plot Size)	
Drawn by/ Dessiné par C.P.	Date
Field Recording by / Releve-Terminé par N.M. & J.C.	Date 2022/05/23
Approved by / Approuvé par J.C.	Date 2022/09/28
Checked by/ Vérifié par J.C.	Date 2022/09/28
Project No./ No. du projet 22216	Asset No. 22216
Drawing Re No./No. du Dessin 22216-S402-RO1	Sheet No./ Feuille No. S402



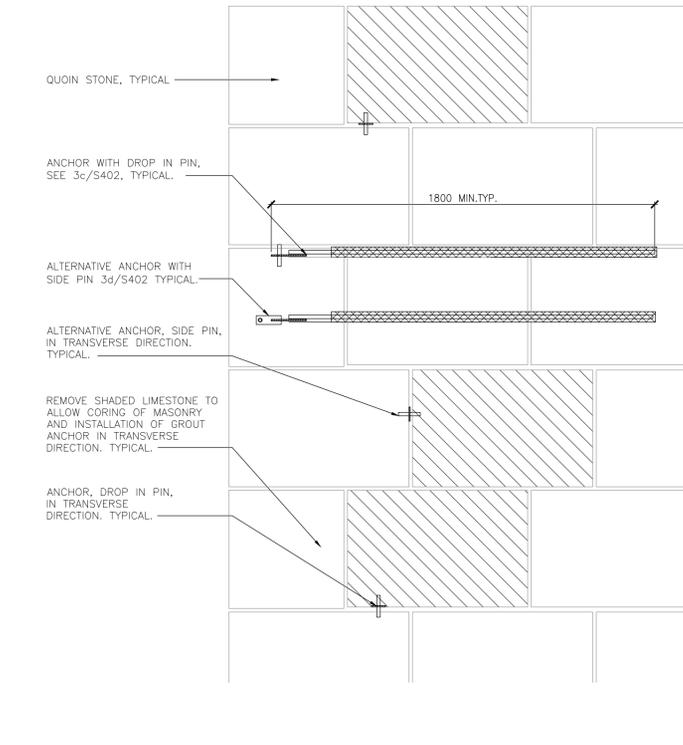
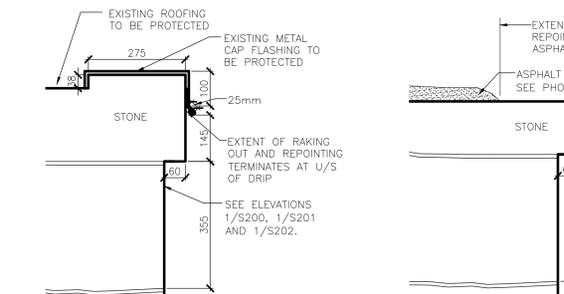
CORNER ANCHORS
NOTE: ALL ANCHORS TO BE SPACED AT 1200mm c/c EACH DIRECTION UNLESS NOTED OR IDENTIFIED ON SITE BY THE DEPARTMENTAL REPRESENTATIVE. PROVIDE #600mm BETWEEN ANCHORS IN OPPOSITE DIRECTIONS WHERE POSSIBLE.

ALL ANCHORS ARE TO BE INSTALLED INTO THE TOP OF THE QUIN STONES WITH A DROP IN PIN, AS DETAILED IN 3c/S402. IF THE ORIENTATION OF THE STONES DOES NOT ALLOW FOR THE SPECIFIED SPACING TO BE MAINTAINED, ANCHORS MAY BE INSTALLED WITH A SIDE PIN, AS DETAILED IN 3d/S402, AT THE DISCRETION OF THE DEPARTMENTAL REPRESENTATIVE.

1. IDENTIFY PROPOSED LOCATION OF ANCHORS AND STONE REMOVALS TO DEPARTMENTAL REPRESENTATIVE PRIOR TO BEGINNING REMOVALS.
2. REMOVE SHADED LIMESTONE AS REQUIRED SUFFICIENT TO CORE HOLE INTO QUIN STONE, SEE 3b/S402.
3. PERFORM CONSOLIDATION. SEE GENERAL NOTES ON DRAWING S101.
4. DRILL 40mmØ CORE TO A MINIMUM DEPTH OF 1800mm. LOCATE THE CORE APPROXIMATELY 500mm FROM THE WALL FACE IN THE DIRECTION OF DRILLING. WHERE WINDOWS OR DOORS INTERFERE WITH THE SPECIFIED DEPTH, DRILL CORE TO A DEPTH 300mm SHORTER THAN THE DISTANCE TO THE FACE OF THE JAMB STONE. CONFIRM LENGTH WITH DEPARTMENTAL REPRESENTATIVE PRIOR TO DRILLING.
5. CORE THE STONES TO RECEIVE THE ANCHOR PIN AND INSTALL THE ANCHOR AS DETAILED. ADDITIONAL REMOVALS OF LIMESTONE MAY BE REQUIRED TO PLACE THE PIN PROPERLY.
6. RESET THE LIMESTONE AS DETAILED.



ANCHOR INSTALLATION PROCEDURES 3a S402

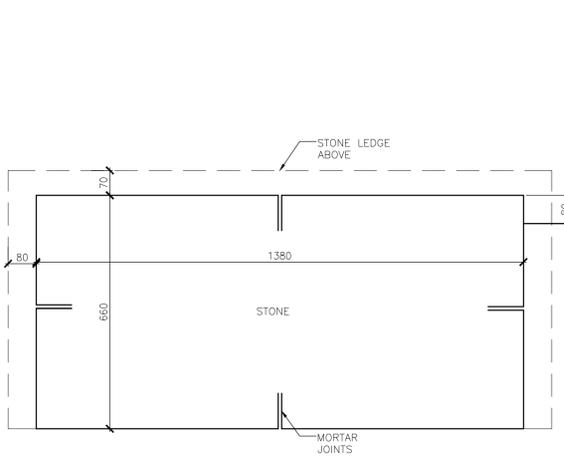


CORNER ANCHORS 3b S402

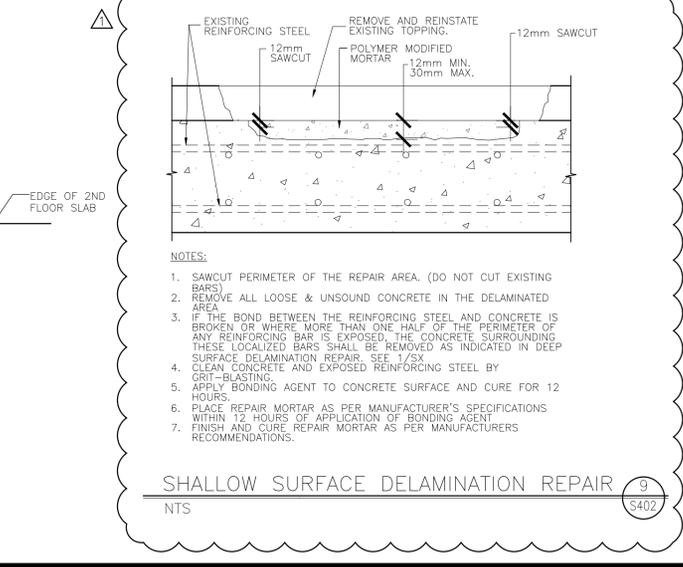
TOP OF INTERIOR WALL 5 S402

SECOND FLOOR EDGE DETAIL 6 S402

EDGE OF WINDOW/DOOR DETAIL 8 S402



TYPICAL STONE COLUMN SECTION 7 S402



SHALLOW SURFACE DELAMINATION REPAIR 9 S402

- NOTES:
1. SAWCUT PERIMETER OF THE REPAIR AREA. (DO NOT CUT EXISTING BARS)
 2. REMOVE ALL LOOSE & UNSOUND CONCRETE IN THE DELAMINATED AREA
 3. IF THE BOND BETWEEN THE REINFORCING STEEL AND CONCRETE IS BROKEN OR WHERE MORE THAN ONE HALF OF THE PERIMETER OF ANY REINFORCING BAR IS EXPOSED, THE CONCRETE SURROUNDING THESE LOCALIZED BARS SHALL BE REMOVED AS INDICATED IN DEEP SURFACE DELAMINATION REPAIR. SEE 1/FSX
 4. CLEAN CONCRETE AND EXPOSED REINFORCING STEEL BY GRIT-BLASTING.
 5. APPLY BONDING AGENT TO CONCRETE SURFACE AND CURE FOR 12 HOURS.
 6. PLACE REPAIR MORTAR AS PER MANUFACTURER'S SPECIFICATIONS WITHIN 12 HOURS OF APPLICATION OF BONDING AGENT
 7. FINISH AND CURE REPAIR MORTAR AS PER MANUFACTURERS RECOMMENDATIONS.