

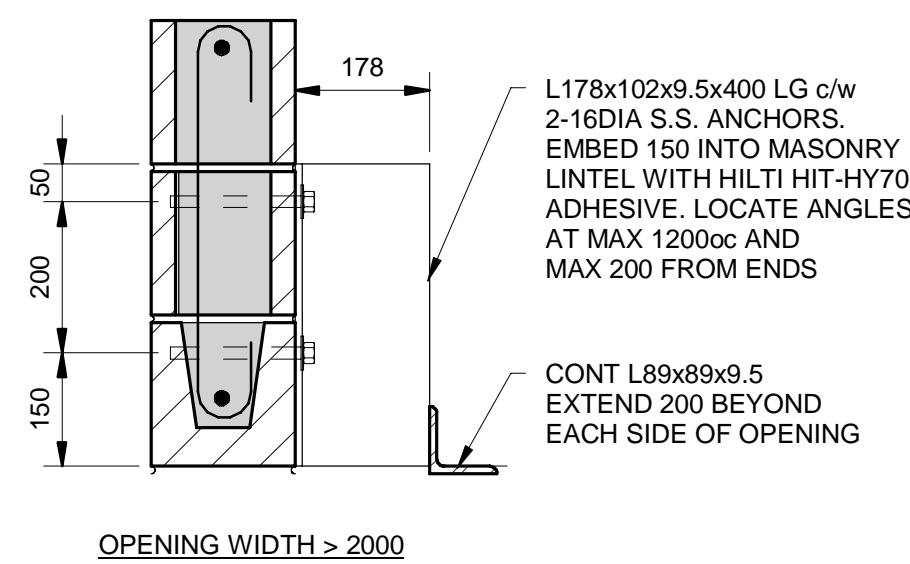
11 MAKE-UP AIR AT TBU43+000 - ROOF PLAN

Scale: 1 : 50

NOTES:

- REFER TO DRAWING S1.00 FOR STRUCTURAL NOTES
- REFER TO ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF DOORS
- REFER TO MECHANICAL DRAWINGS FOR SIZE AND LOCATIONS OF LOUVERS
- MASONRY WALL REINFORCING
 - COREFILL AND REINFORCE WITH 1-15M VERTICAL FULL HEIGHT AT MAX 1000cc UNLESS NOTED OTHERWISE
 - INSTALL HORIZONTAL JOINT REINFORCING AT 400cc. LAP REINFORCING MINIMUM 2 CROSSWIRE LOCATIONS
 - REFER TO TYPICAL DETAILS ON THIS DRAWING FOR REINFORCING REQUIREMENTS AT WALL INTERSECTIONS AND CONTROL JOINTS
 - VERTICAL REINFORCING TO BE PROVIDED ABOVE AND BELOW OPENINGS.
 - ALL VERTICALS REINFORCING TO BE CONTINUOUS LAP WITH CLASS B TENSION SPLICE WHERE REQUIRED
 - MASONRY WALL REINFORCING SHALL BE INSPECTED BY ENGINEER PRIOR TO GROUTING
- /// DENOTES MASONRY LINTEL. REFER TO SCHEDULE ON THIS DRAWING
- PROVIDE MASONRY CONTROL JOINTS ON ONE SIDE OF ALL OPENINGS LESS THAN 2.0m IN WIDTH, AND BOTH SIDES OF OPENINGS LARGER THAN 2.0m IN WIDTH
- NON-LOAD BEARING WALL BELOW

LOOSE ANGLE LINTEL SCHEDULE	
OPENING WIDTH	ANGLE SIZE
0 - 1200	L89x89x9.5
1200 - 1600	L127x89x9.5 (LLV)
1600 - 2000	L152x89x9.5 (LLV)
> 2000	REFER TO DETAIL

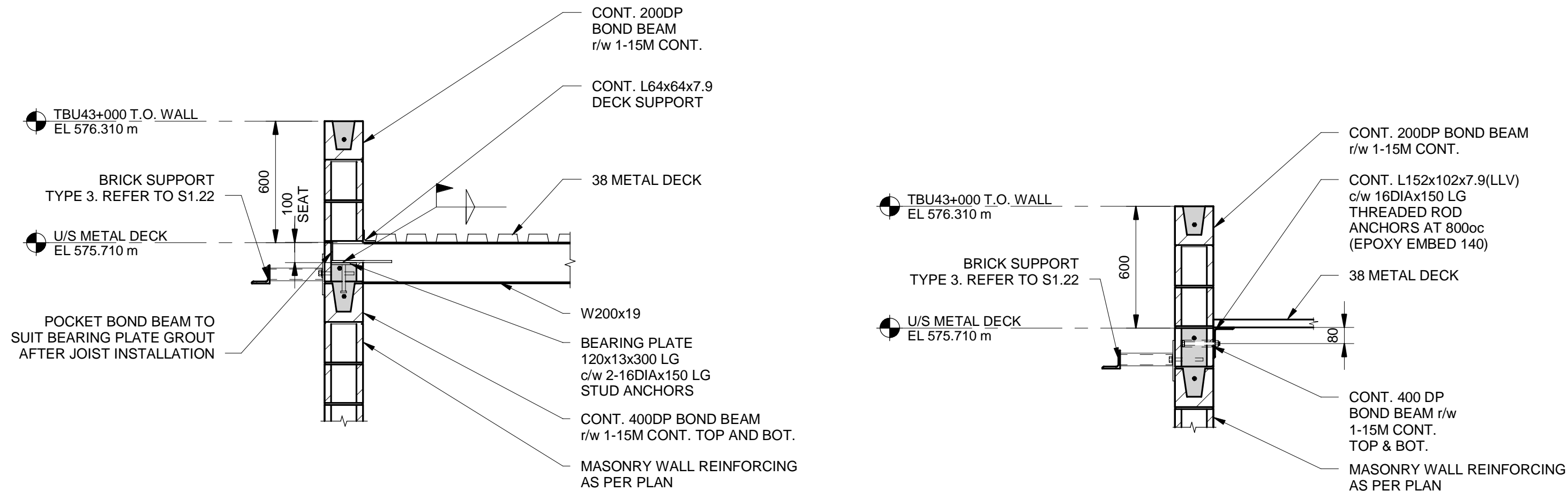
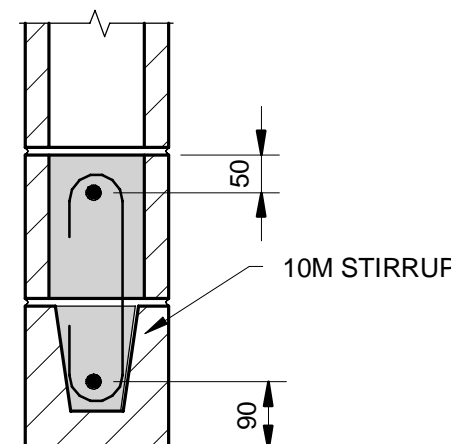


NOTES:

- LOCATE OVER ALL DOORS, WINDOWS, AND MECHANICAL OPENINGS
- FOR LINTELS OVER WINDOWS INCREASE HORIZONTAL LEG TO 127
- ANGLE TO SEAT MINIMUM 200 BEYOND EACH SIDE OF OPENING
- ALL MATERIAL TO BE HOT-DIPPED GALVANIZED

MASONRY LINTEL SCHEDULE				
OPENING WIDTH	LINTEL SIZE		REINFORCING	
	WIDTH	HEIGHT	TOP	BOTTOM
0 - 800	190	200	-	1-15M
800 - 2000	190	400	1-15M	1-20M
2000 - 3000	190	600	1-15M	1-20M

- LINTEL TO BEAR MINIMUM 200 BEYOND EACH SIDE OF OPENING
- WHERE REINFORCING IS REQUIRED TOP AND BOTTOM, PROVIDE 10M STIRRUPS AT 200cc FOR FULL LENGTH OF LINTEL

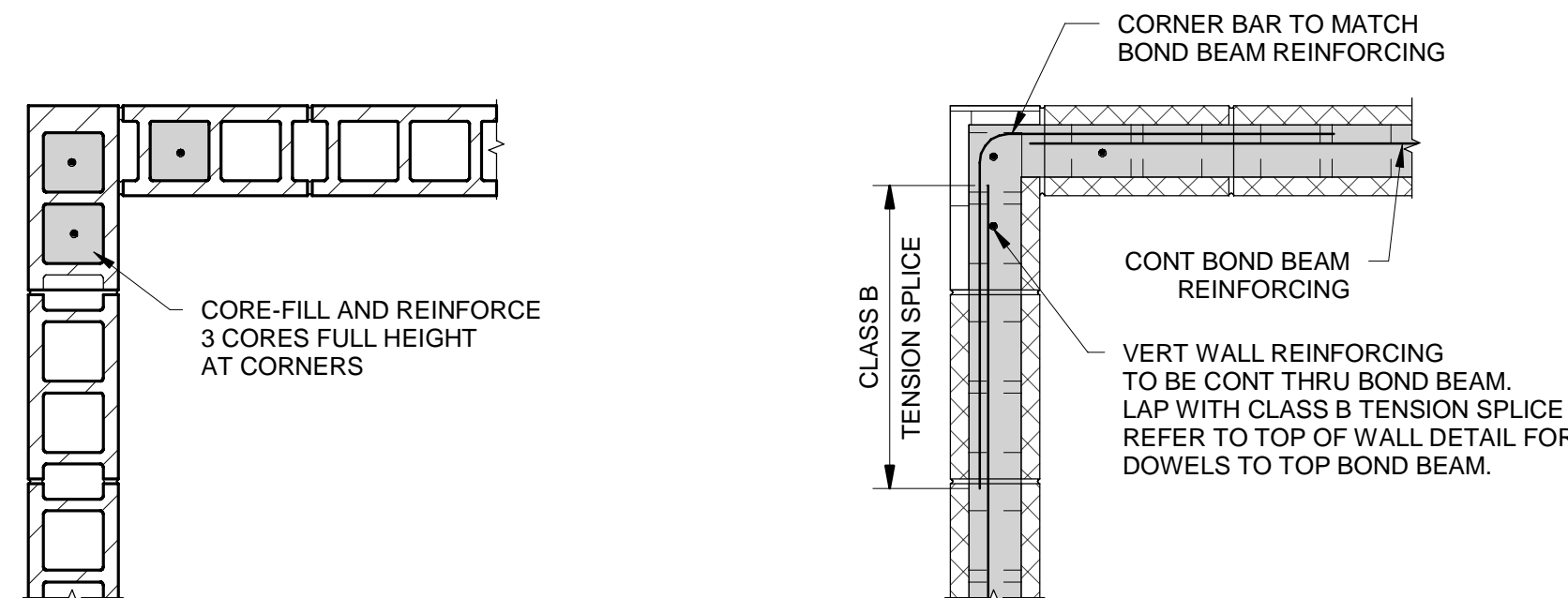


2 DETAIL

S1.12 Scale: 1 : 20

3 DETAIL

S1.12 Scale: 1 : 20

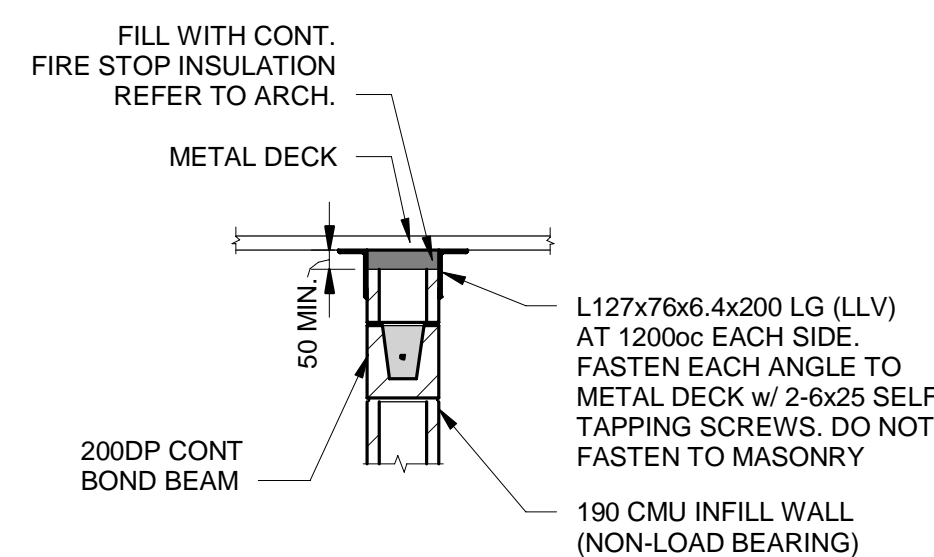


VERTICAL REINFORCING

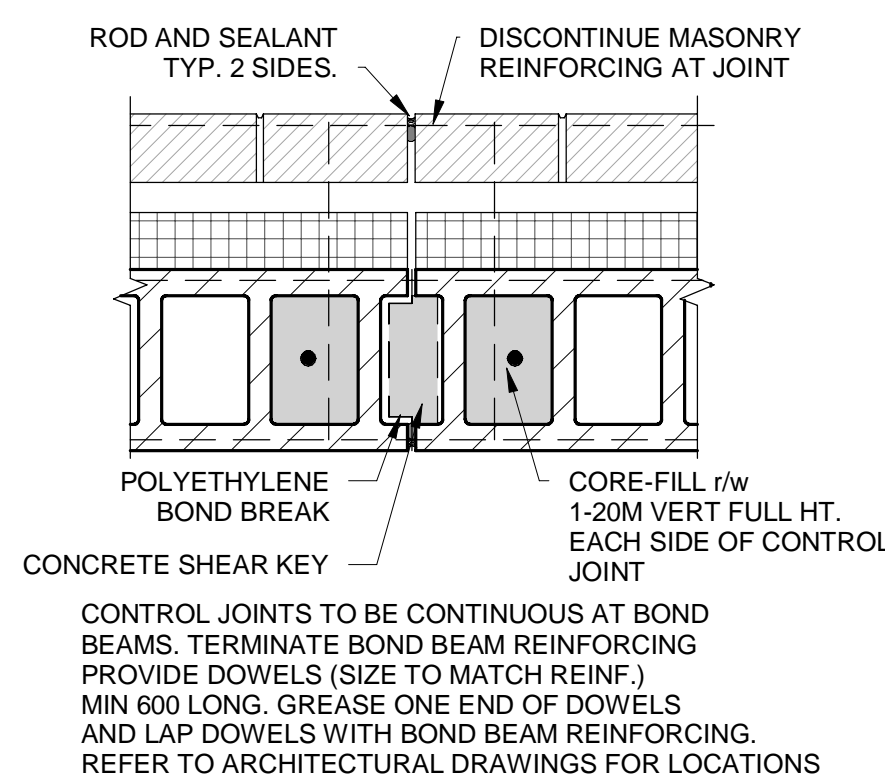
HORIZONTAL REINFORCING

TYPICAL MASONRY WALL INTERSECTION

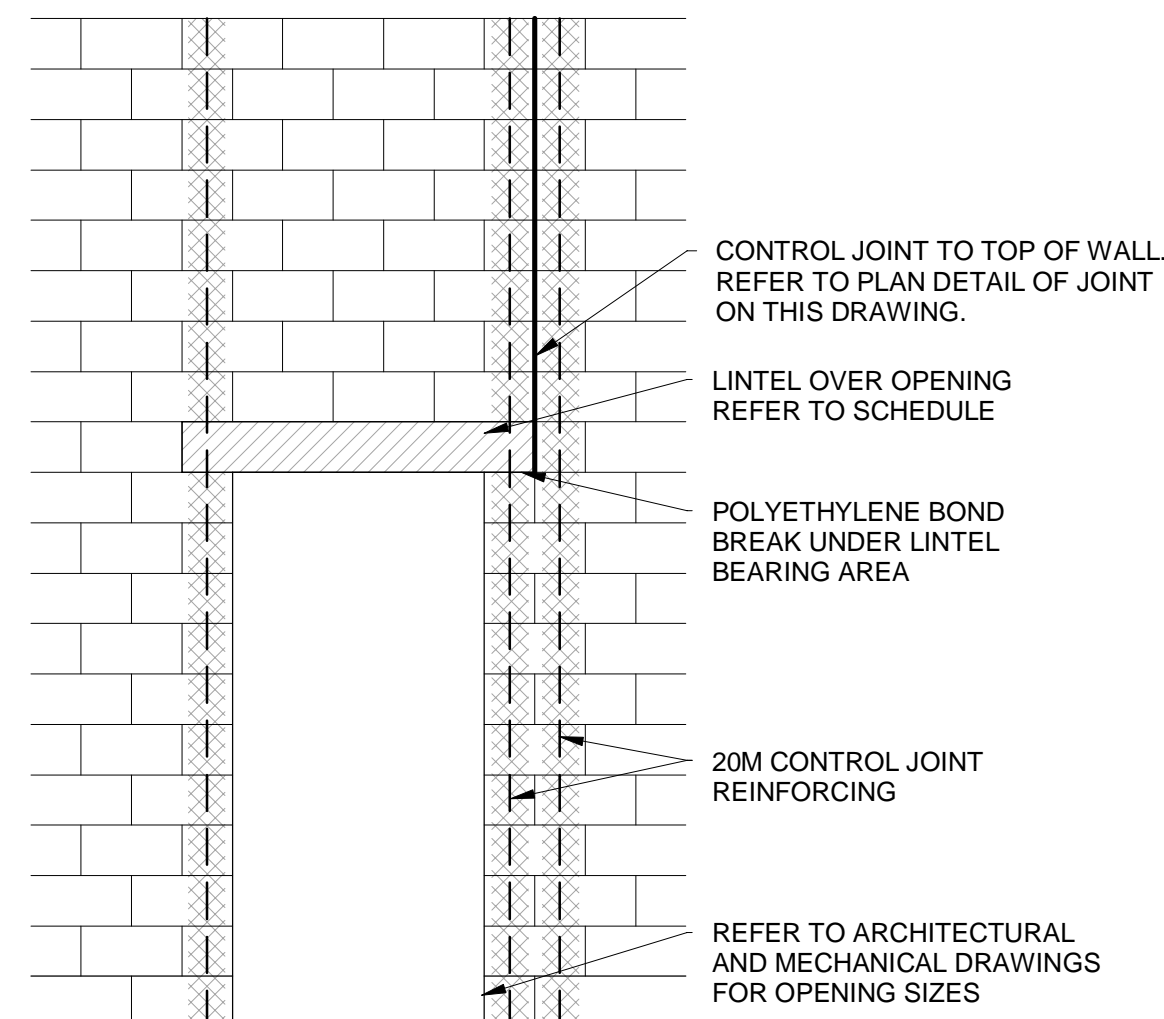
TOP OF MASONRY WALL REINFORCING DETAIL



NON-LOAD BEARING MASONRY WALL AT U/S OF METAL DECK



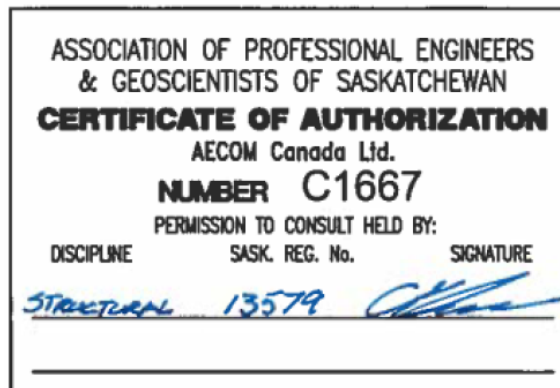
MASONRY WALL CONTROL JOINT



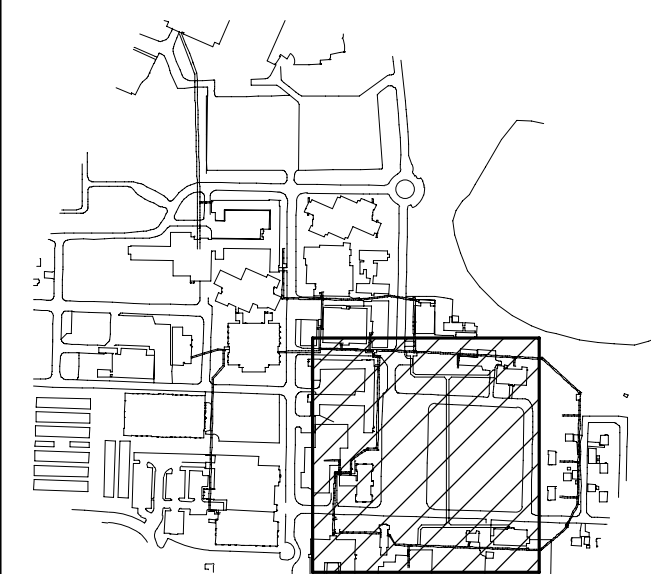
MASONRY CONTROL JOINT AT OPENINGS

TENDER

NOT FOR CONSTRUCTION



Key Plan



Revision	Description	Date
E	Issued For Tender	19/09/30
D	Issued For 99% Review	19/06/21
C	Issued For 85% Review	19/03/15
B	Issued For 50% Review	18/11/13
A	Not Issued	-

Client

Public Works and Government Services Canada

Project Title

Tunnel Revitalization

Designed by

C. Klemmer

Drawn by

O. Muaz

Approved by

B. Wolfater

PW/GSC Project Manager

J. Dayman

Drawing Title

Package 1-TBU43 - Building
Structural
Plan, Details And Standard Details

Project no.	Drawing no.	Revision no.
1004259	S1.12	E