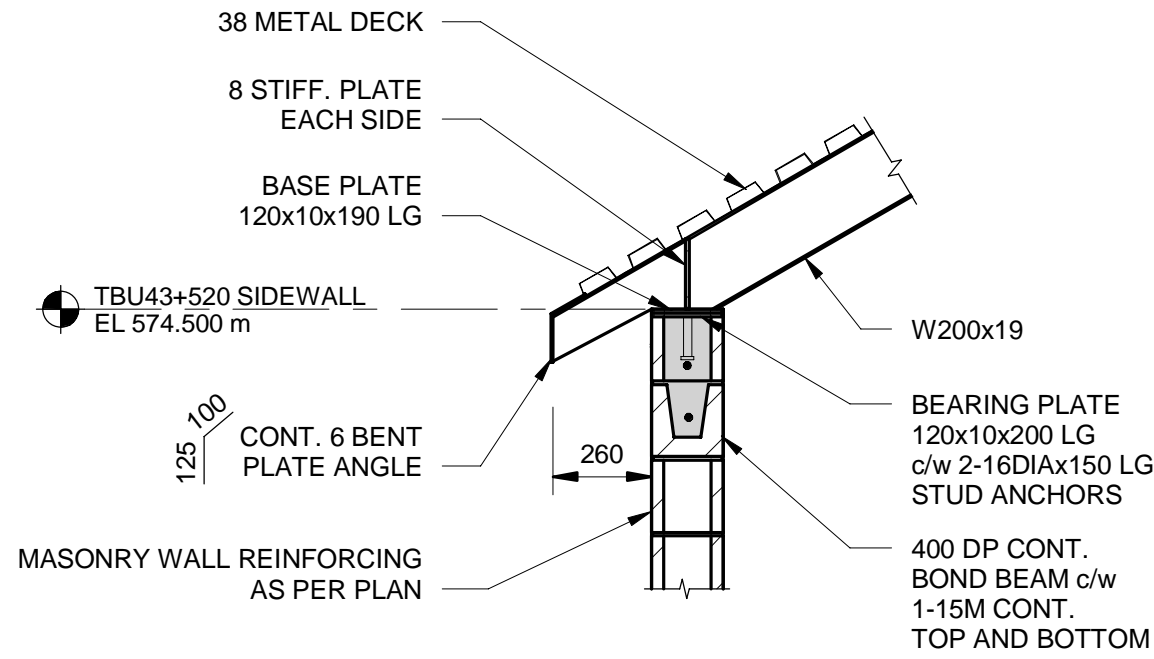


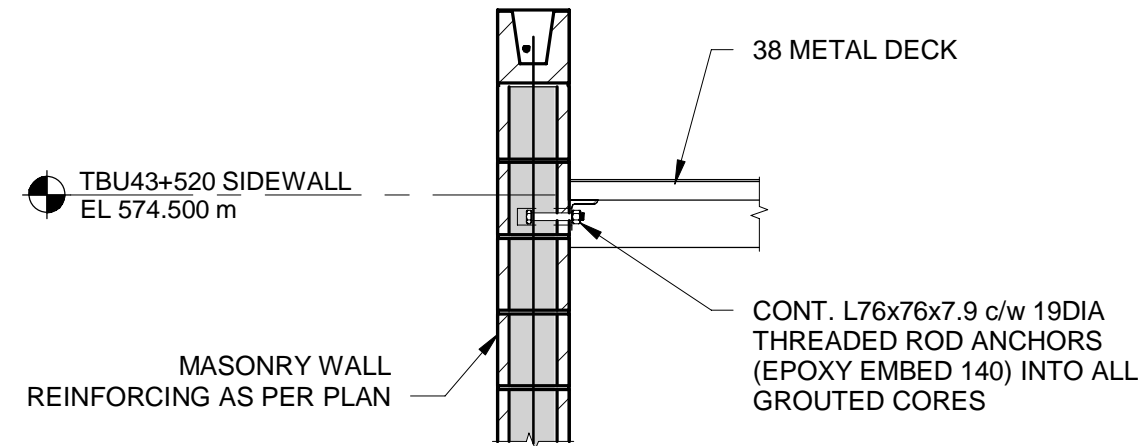
1 MAKE-UP AIR AT TBU43+520 - ROOF PLAN
Scale: 1 : 25

NOTES:

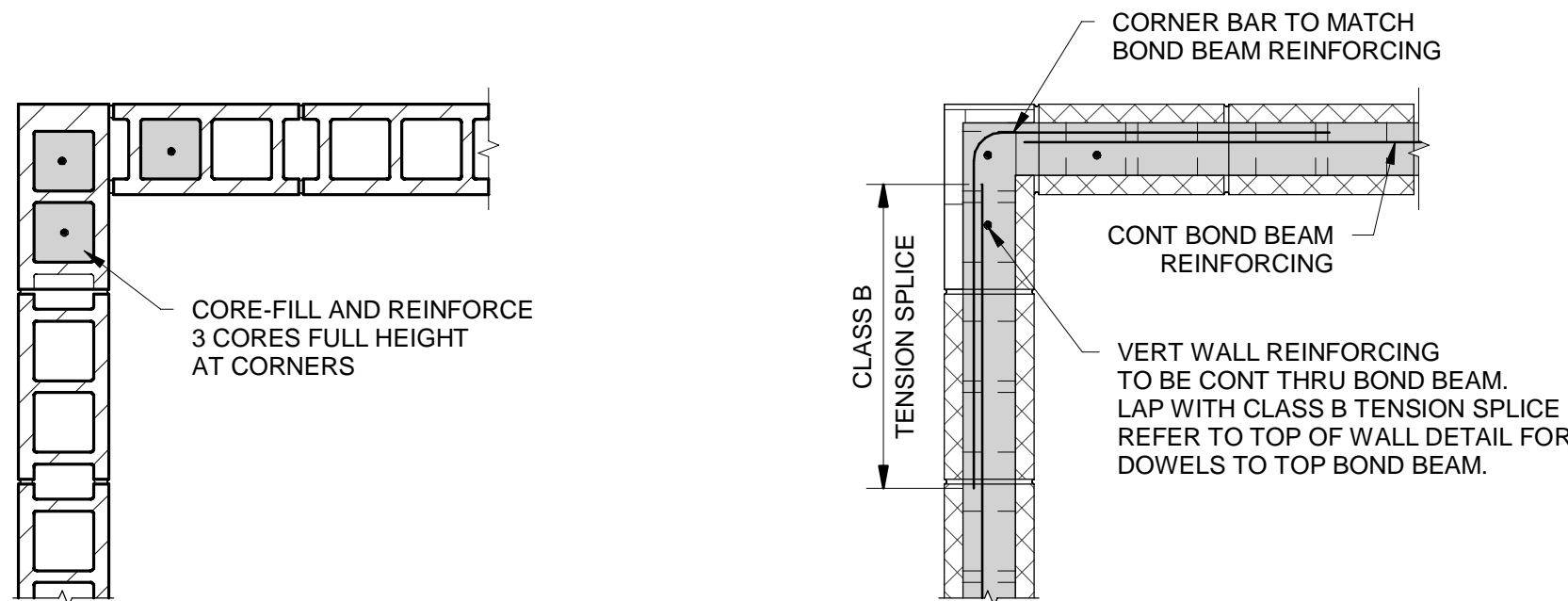
- REFER TO DRAWING S1.00 FOR STRUCTURAL NOTES
- REFER TO ARCHITECTURAL DRAWINGS FOR SIZES AND LOCATIONS OF DOORS
- REFER TO MECHANICAL DRAWINGS FOR SIZES AND LOCATIONS OF LOUVERS
- MASONRY WALL REINFORCING
 - COREFILL AND REINFORCE WITH 1-15M VERTICAL FULL HEIGHT AT MAX 1000cc UNLESS NOTED OTHERWISE
 - 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 VERTICAL REINFORCING TO BE CONTINUOUS LAP WITH CLASS B TENSION 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 OPENING LARGER THAN 2.0m IN WIDTH



2 DETAIL
S1.05 Scale: 1 : 20



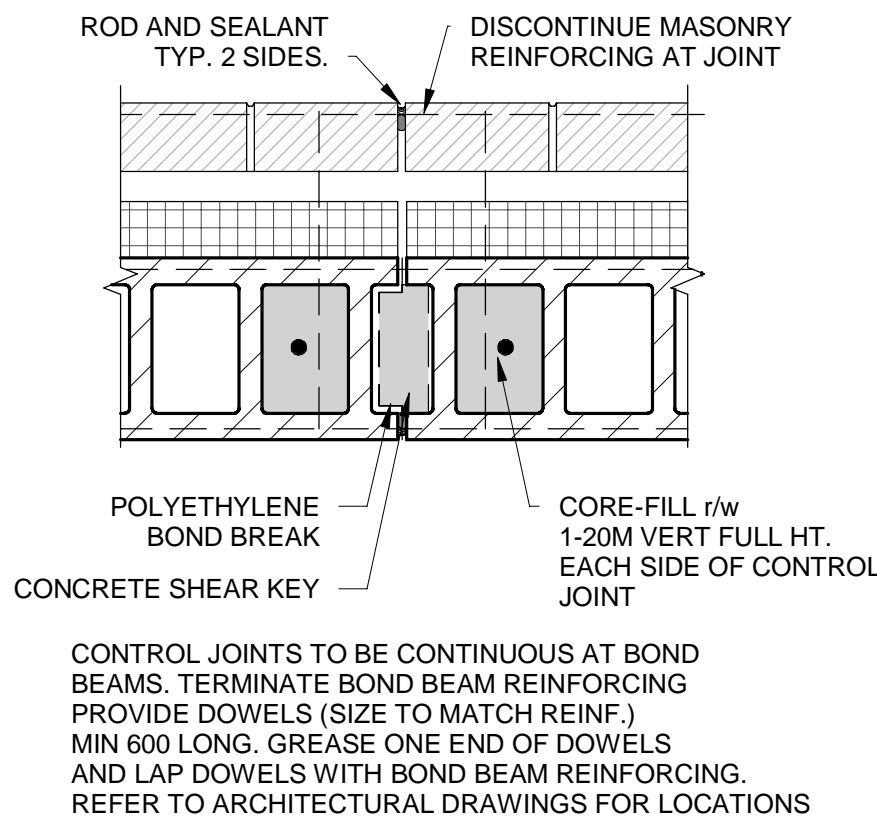
3 DETAIL
S1.05 Scale: 1 : 20



VERTICAL REINFORCING

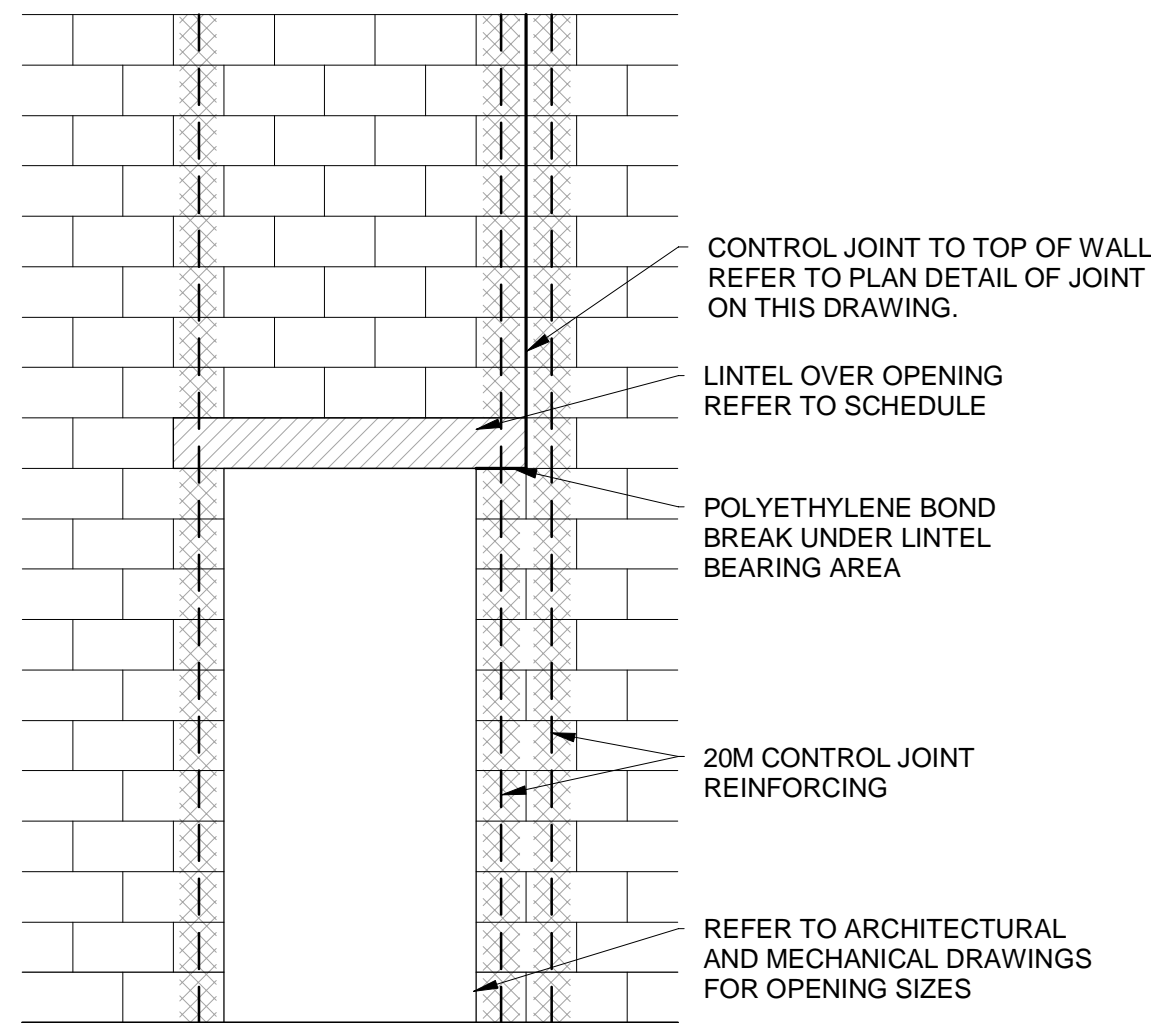
HORIZONTAL REINFORCING

TYPICAL MASONRY WALL INTERSECTION



MASONRY WALL CONTROL JOINT

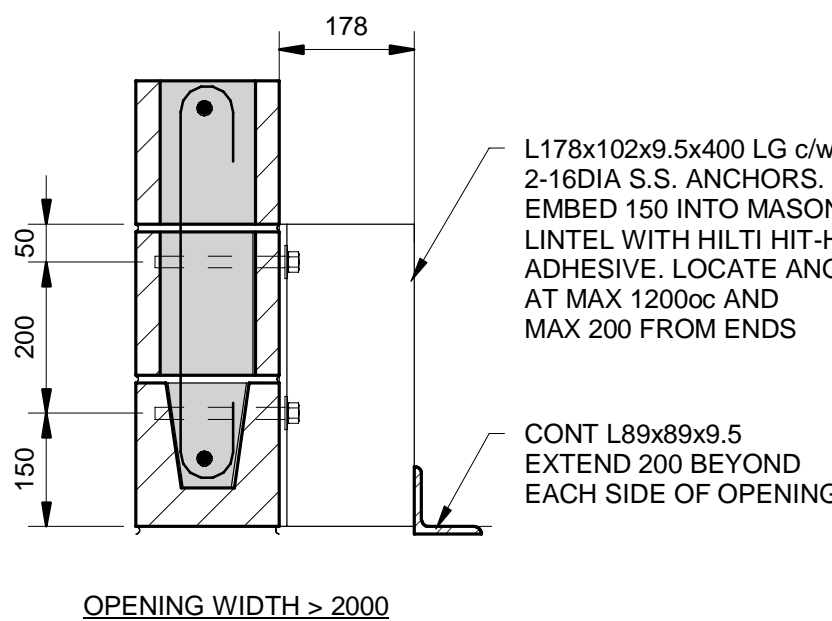
TOP OF MASONRY WALL REINFORCING DETAIL



MASONRY CONTROL JOINT AT OPENINGS

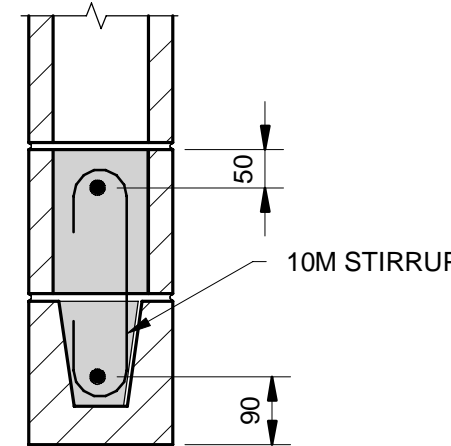
LOOSE ANGLE LINTEL SCHEDULE	
OPENING WIDTH	ANGLE SIZE
0 - 1200	L89x89x9.5
1200 - 1600	L127x89x9.5 (LLV)
1600 - 2000	L152x89x9.5 (LLV)
> 2000	REFER TO DETAIL

- 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

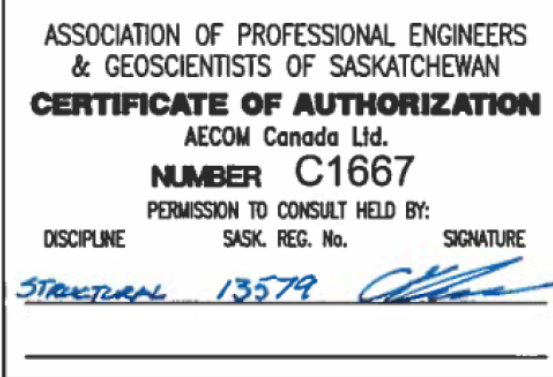


190 WALL MASONRY LINTEL SCHEDULE				
OPENING WIDTH	LINTEL SIZE		REINFORCING	
	WIDTH	HEIGHT	TOP	BOTTOM
0 - 800	190	200	-	1-15M
800 - 2000	190	400	1-15M	1-20M
2000 - 3000	190	600	1-15M	1-20M

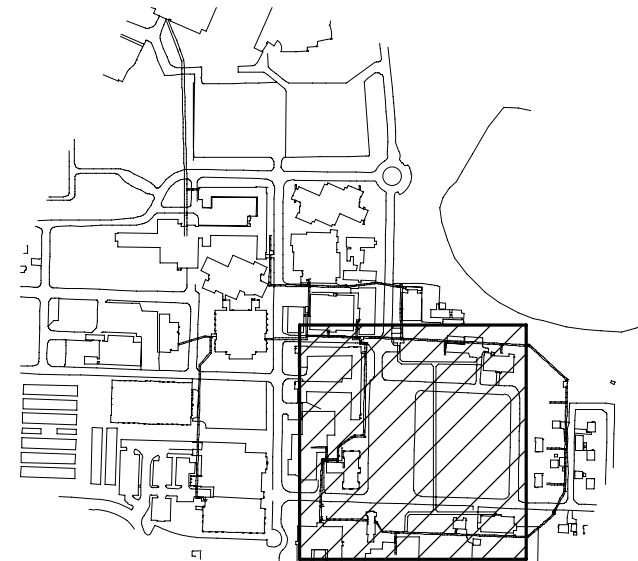
- LINTEL TO BEAR MINIMUM 200 BEYOND EACH SIDE OF OPENING
- WHERE REINFORCING IS REQUIRED TOP AND BOTTOM, PROVIDE 10M STIRRUPS AT 200cc FOR FULL LENGTH OF LINTEL



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-TBU 43 - Building Structural
Plan, Details And Standard Details

Project no.	Drawing no.	Revision no.
1004259	S1.07	E