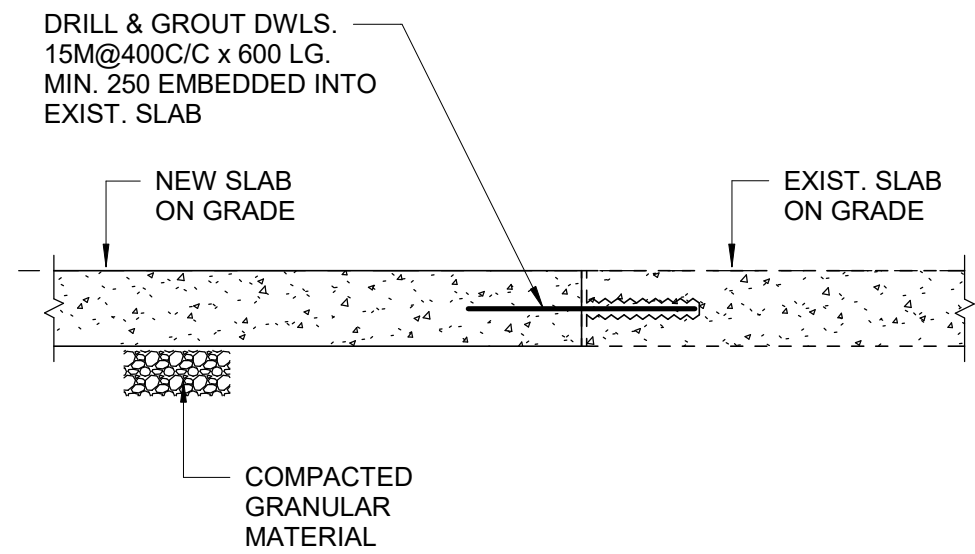
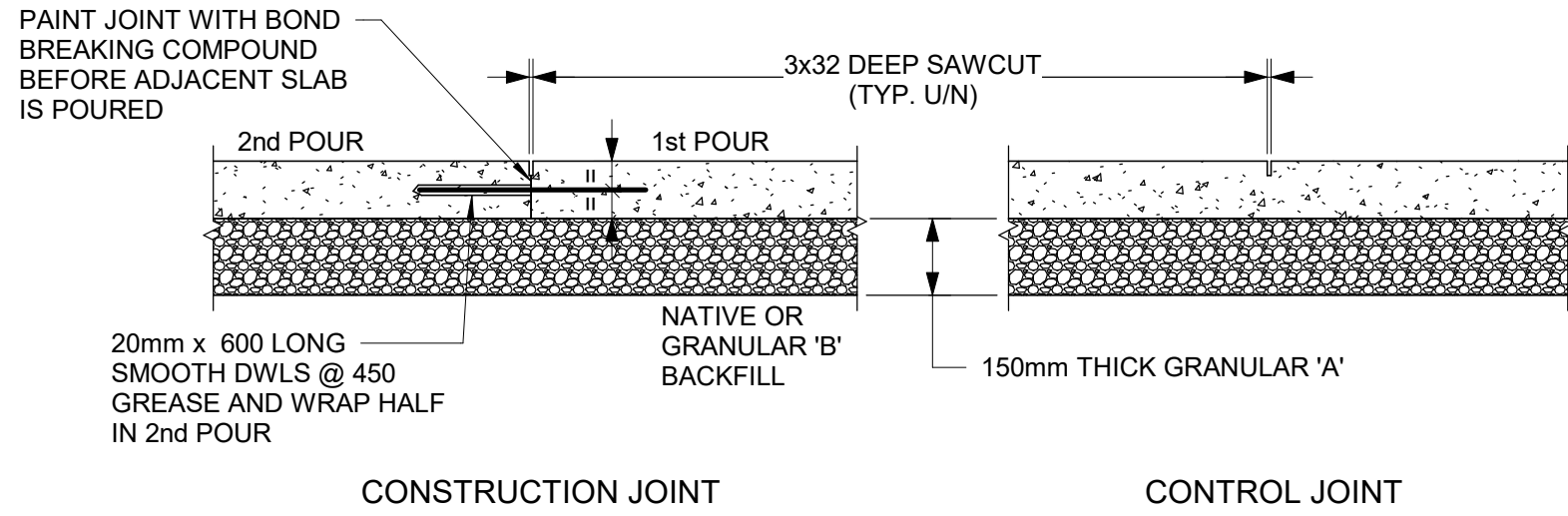


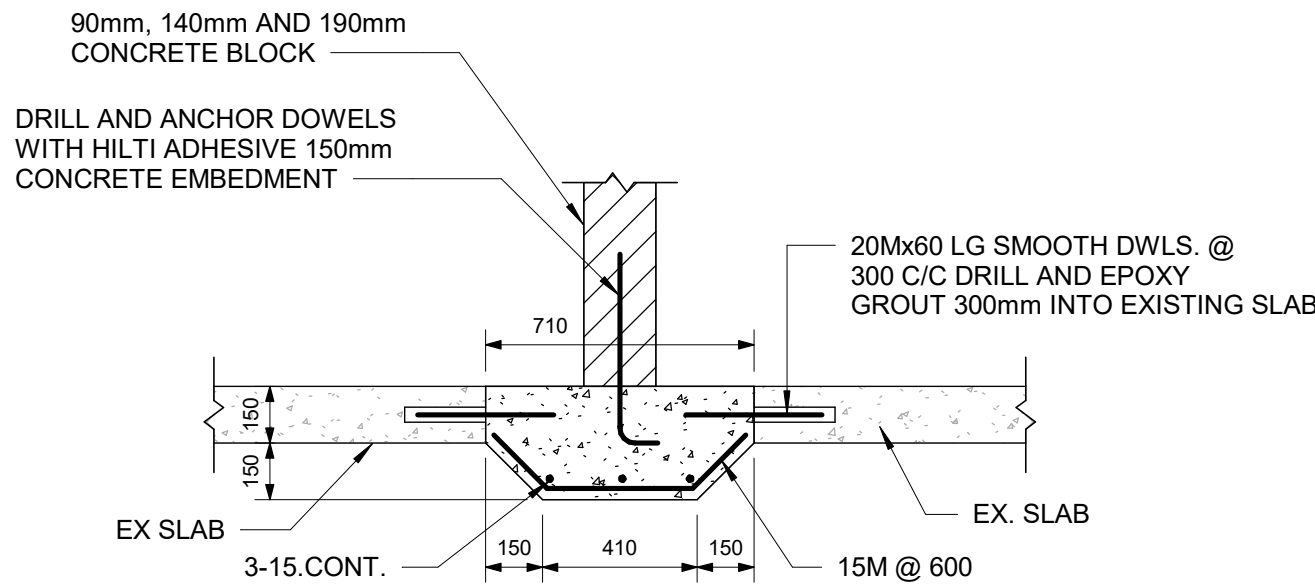
1 INTERIOR FOUNDATION WALL  
D2100 Scale: NTS



2 NEW SLAB CONNECTION TO EXISTING SLAB  
D2100 Scale: NTS



3 SLAB ON GRADE  
D2100 Scale: NTS



4 BLOCK WALL SLAB - THINKENING AT EXISTING SLAB  
D2100 Scale: 1 : 20

ISSUES		
No.	DESCRIPTION	DATE
A	50% SUBMISSION	2021-01-21
B	90% SUBMISSION	2021-04-12
C	ISSUED FOR PERMIT	2021-04-12
D	ISSUED FOR TENDER	2021-05-25

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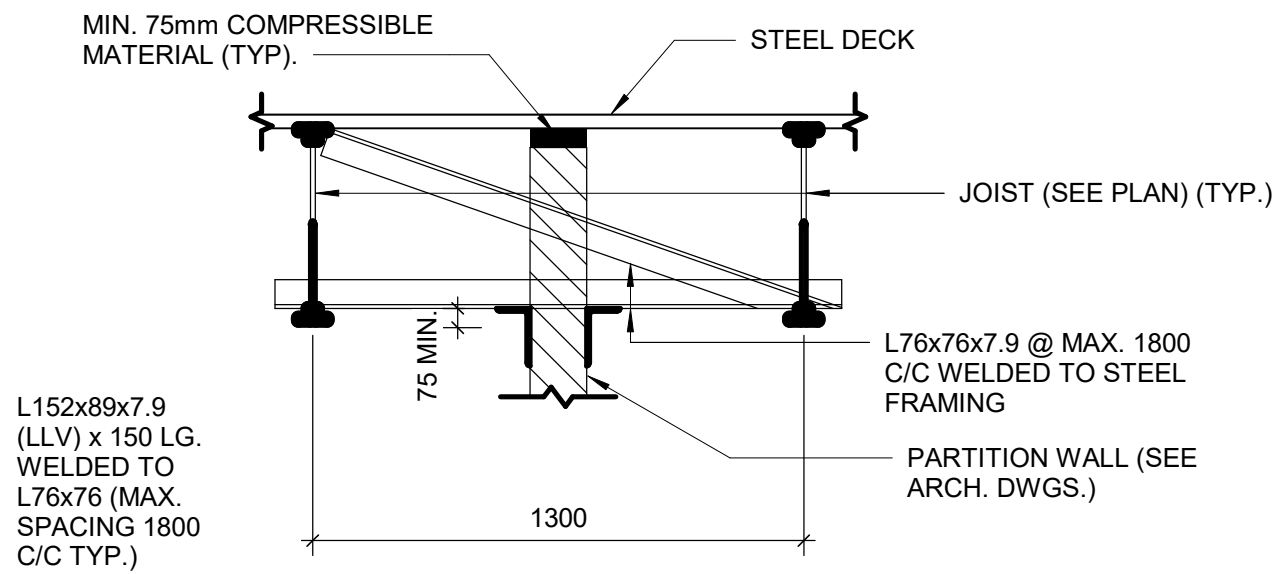
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**CITY OF TORONTO  
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

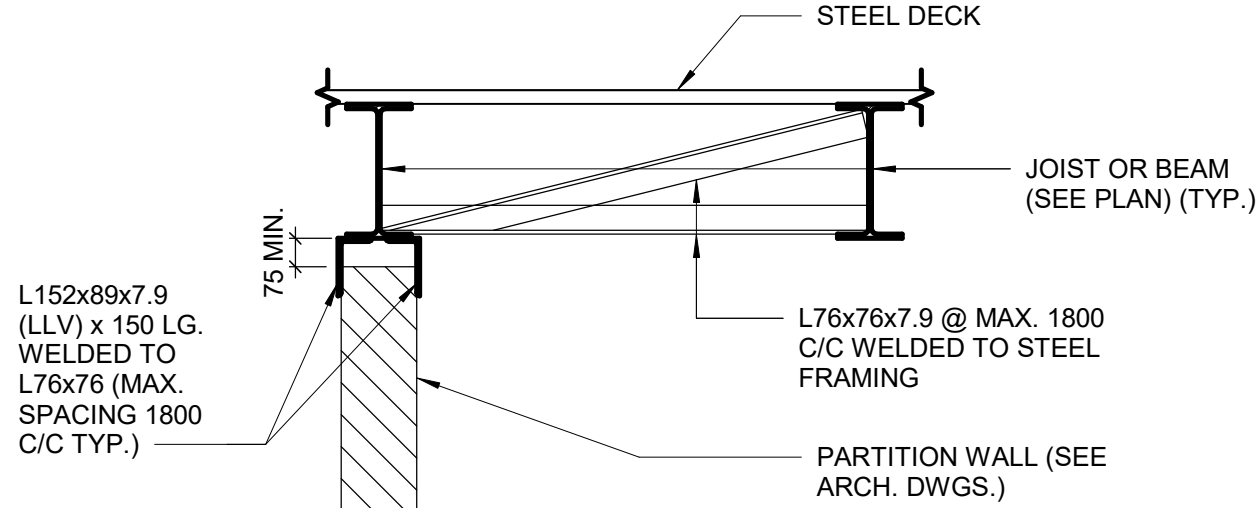
PROJECT NO:  
122260  
DRAWN BY:  
**G. POULOU**  
PROJECT MGR:  
**F. BOLOURIAN**  
CHECKED BY:  
**S. NASSER**  
APPROVED BY:  
**K. ANGER**

SHEET TITLE  
**CONCRETE TYPICAL  
DETAILS**

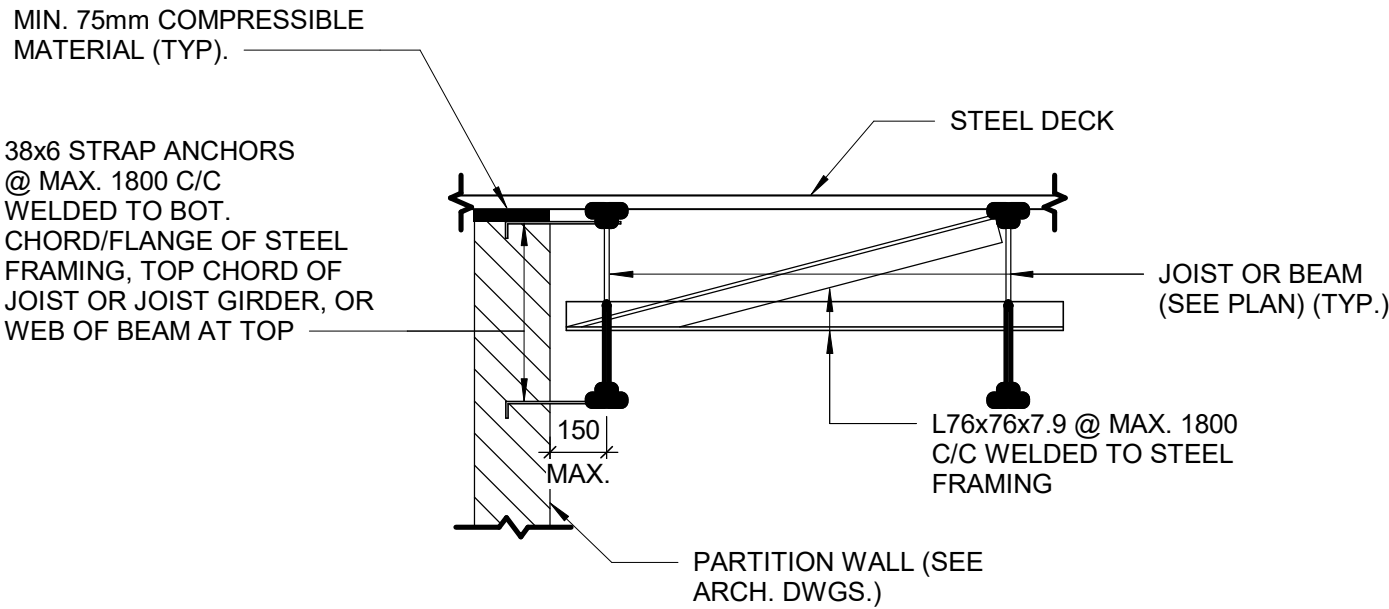
SHEET NUMBER <b>08-D2100</b>	ISSUE <b>D</b>
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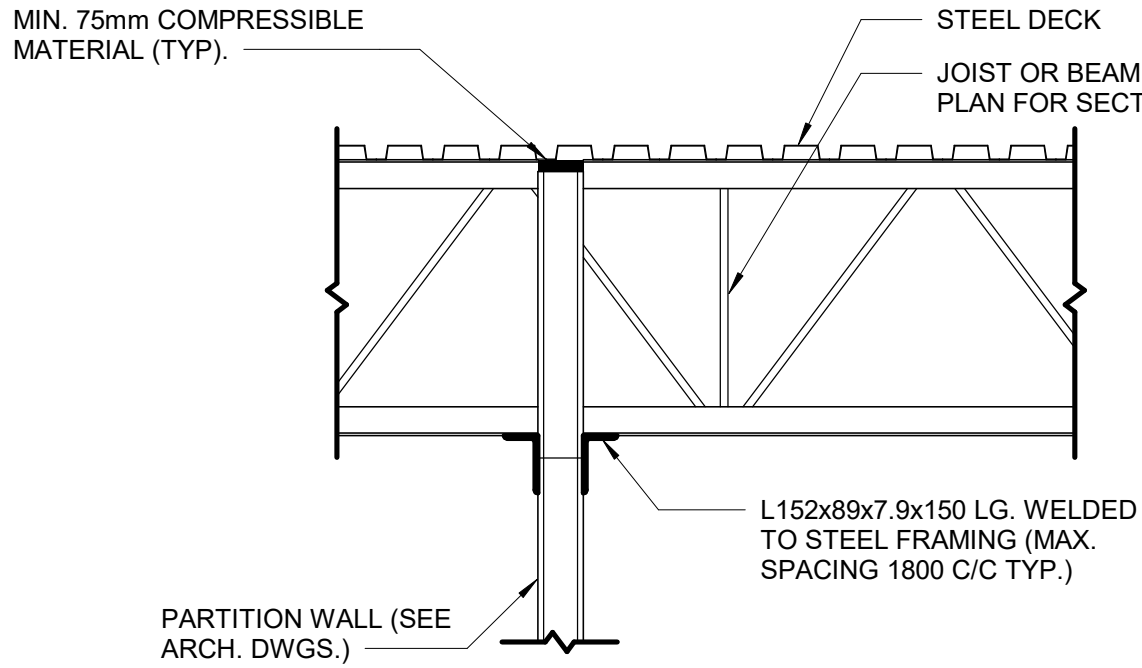
1 PARTITION WALL BETWEEN JOISTS  
D2200 Scale: 1 : 20



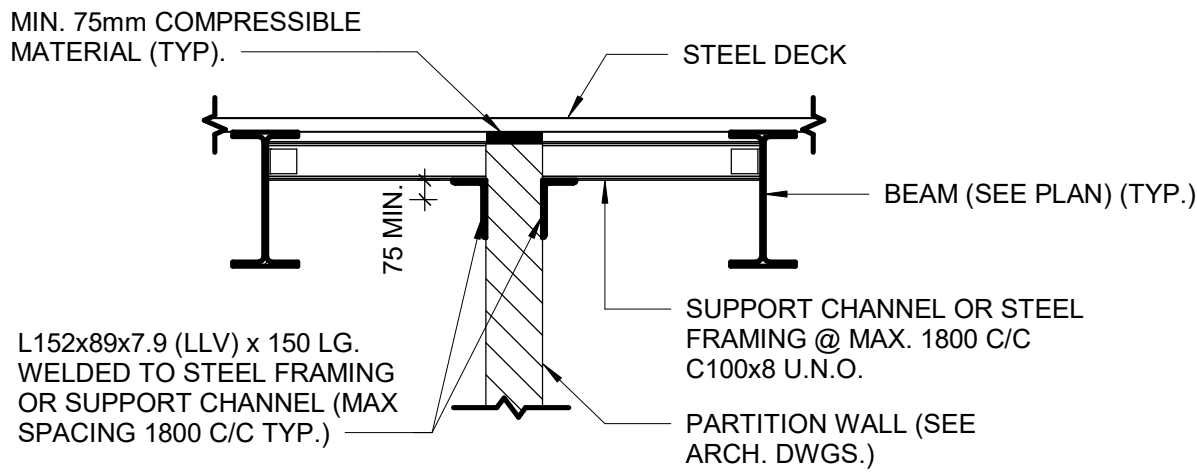
2 PARTITION WALL PARALLEL TO AND CENTERED ON JOIST OR BEAM  
D2200 Scale: 1 : 20



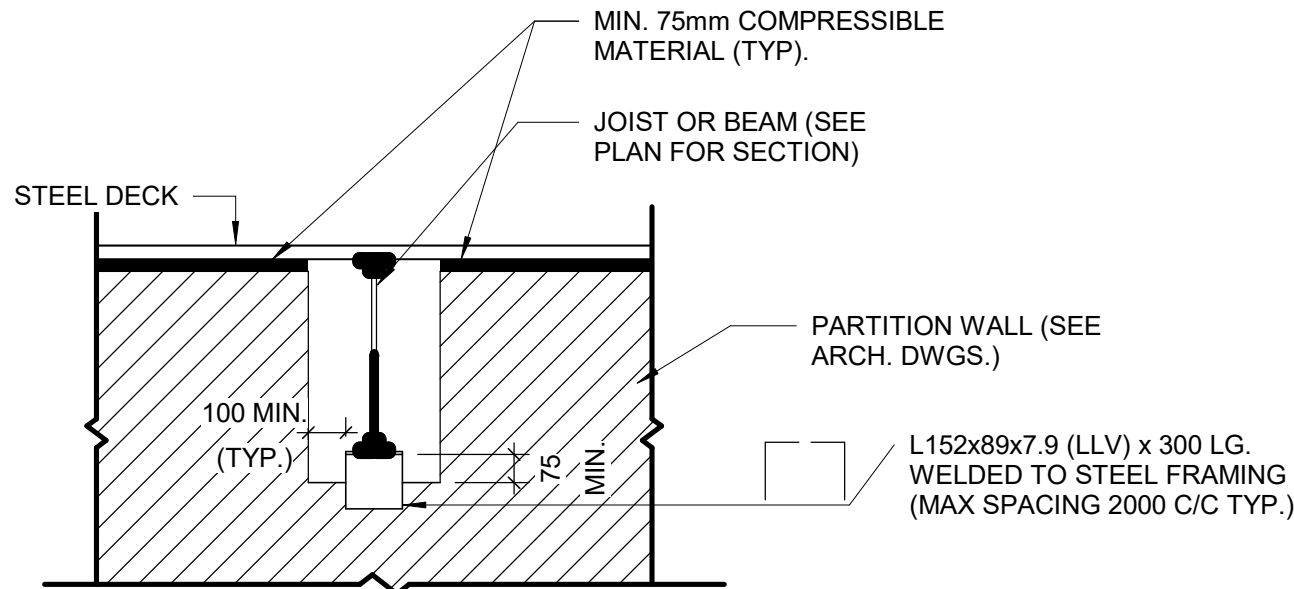
3 PARTITION WALL PARALLEL TO JOISTS OR BEAM  
D2200 Scale: 1 : 20



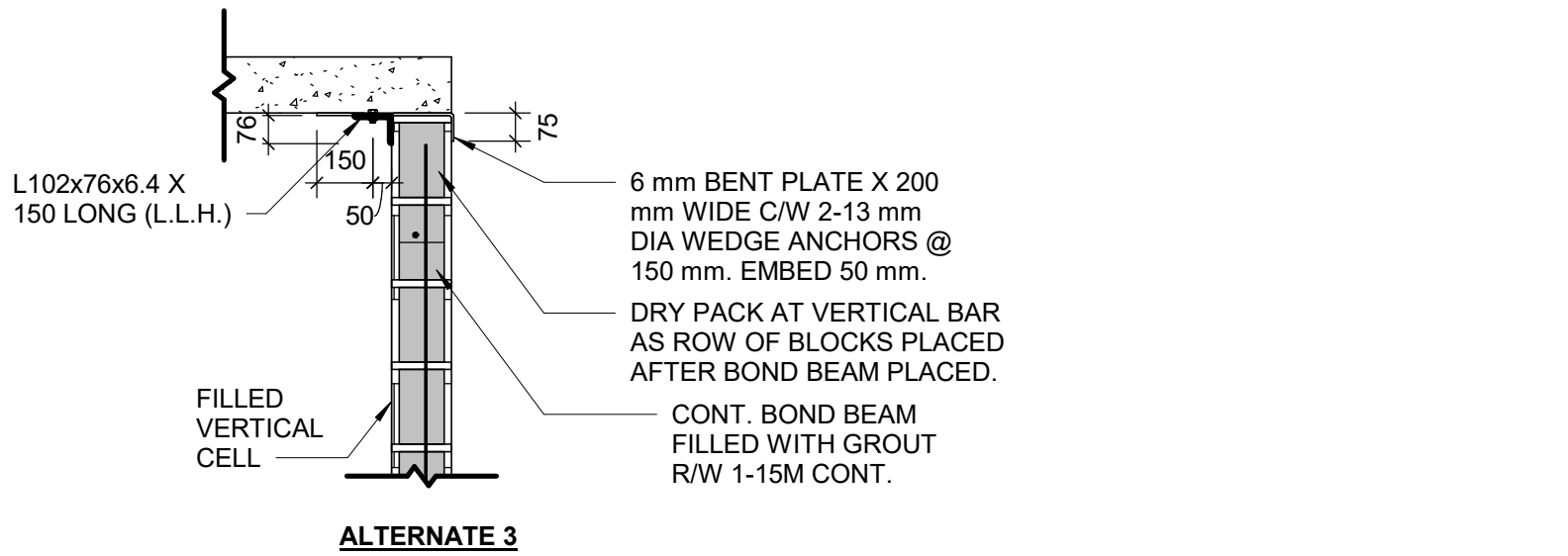
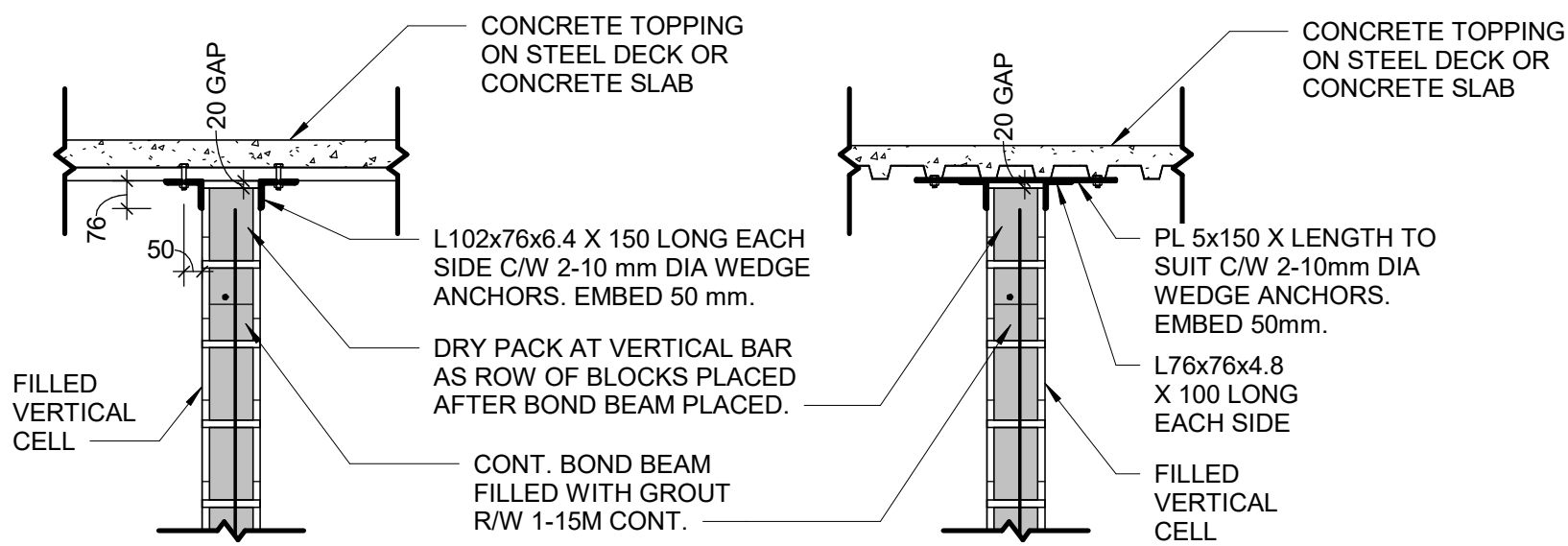
4 PARTITION WALL PERPENDICULAR TO JOIST OR BEAM  
D2200 Scale: 1 : 20



5 PARTITION WALL BETWEEN BEAMS  
D2200 Scale: 1 : 20



6 PARTITION PERPENDICULAR TO JOIST OR BEAMS  
D2200 Scale: 1 : 20



NOTES:  
1. ALL CONNECTIONS TO BE AT FILLED VERTICAL CELLS AT 1200 mm O/C MAXIMUM UNLESS NOTED OTHERWISE.  
2. FIELD WELD ANGLES TO BE EMBEDDED PLATE.

7 SUPPORT DETAIL AT TOP OF BLOCK WALL  
D2200 Scale: 1 : 20

CLIENT  
**CITY OF TORONTO**  
55 John ST.  
TORONTO, ON  
M5V 3C6

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DRAWN BY:  
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PROJECT MGR:  
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APPROVED BY:  
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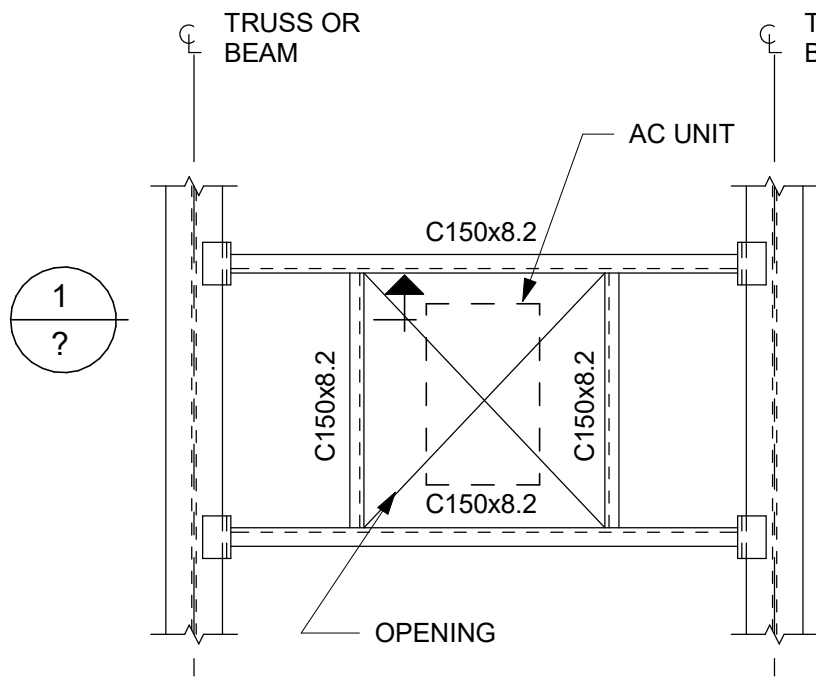
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**STRUCTURAL STEEL  
DETAILS - 1**

SHEET NUMBER

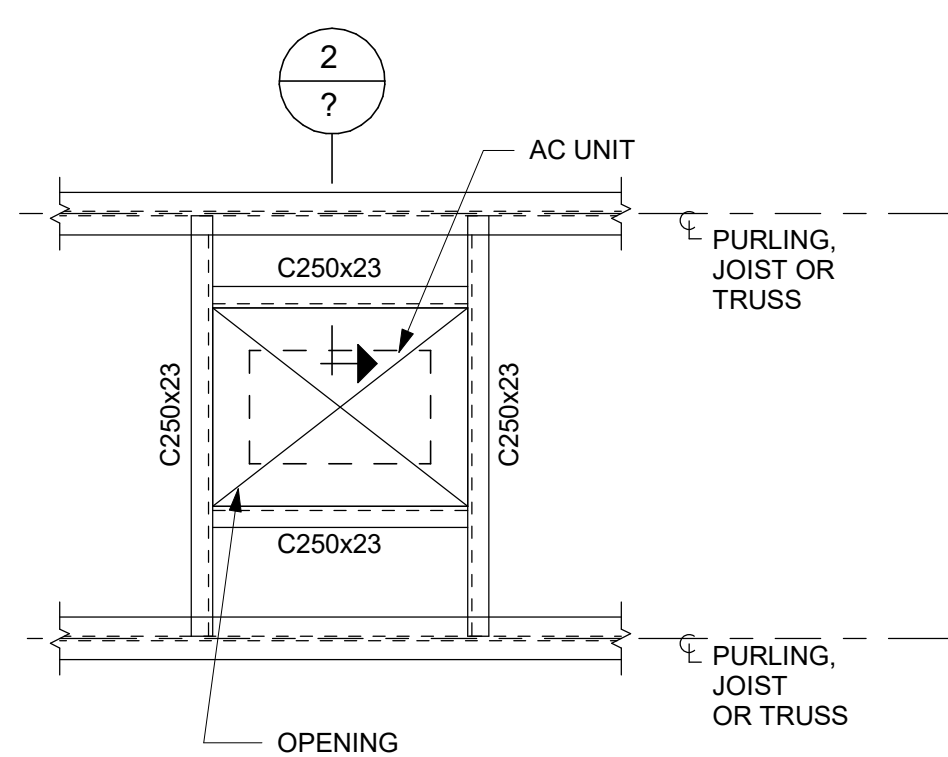
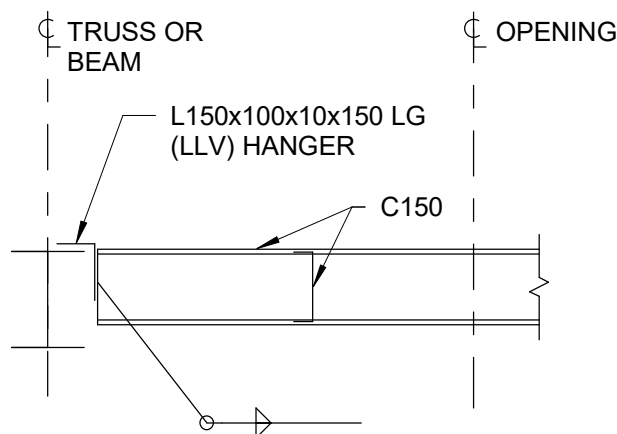
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ISSUE

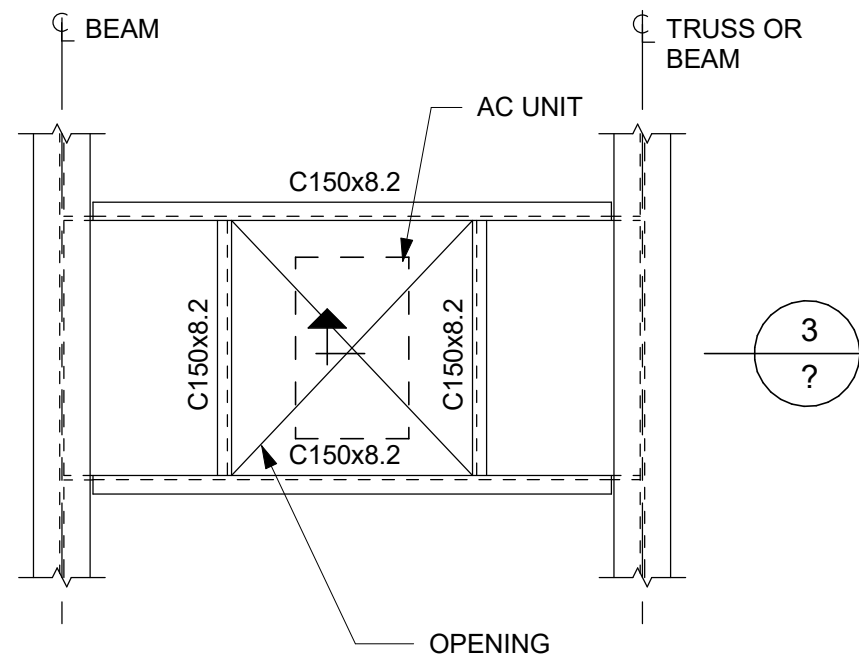
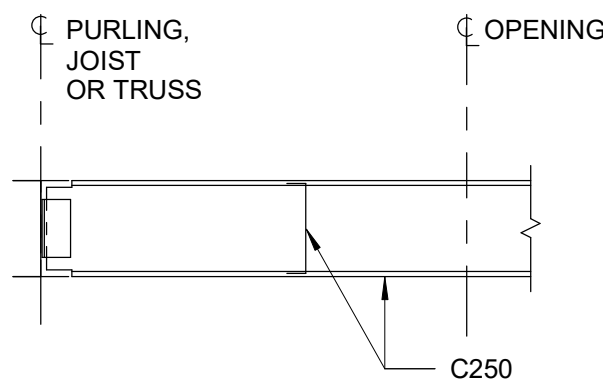
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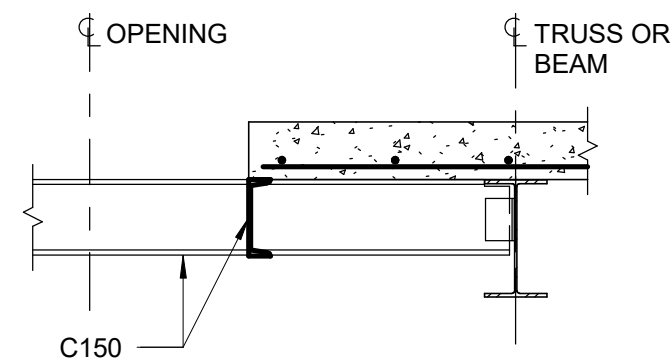
FRAME TYPE "A"



FRAME TYPE "B"



FRAME TYPE "C"



1 TYPICAL ROOF OPENING  
D2201 Scale: 1 : 20

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PROJECT TITLE  
**CITY OF TORONTO  
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:  
122260

DRAWN BY:  
**G. POULOU**

CHECKED BY:  
**S. NASSER**

PROJECT MGR:  
**F. BOLOURIAN**

APPROVED BY:  
**K. ANGER**

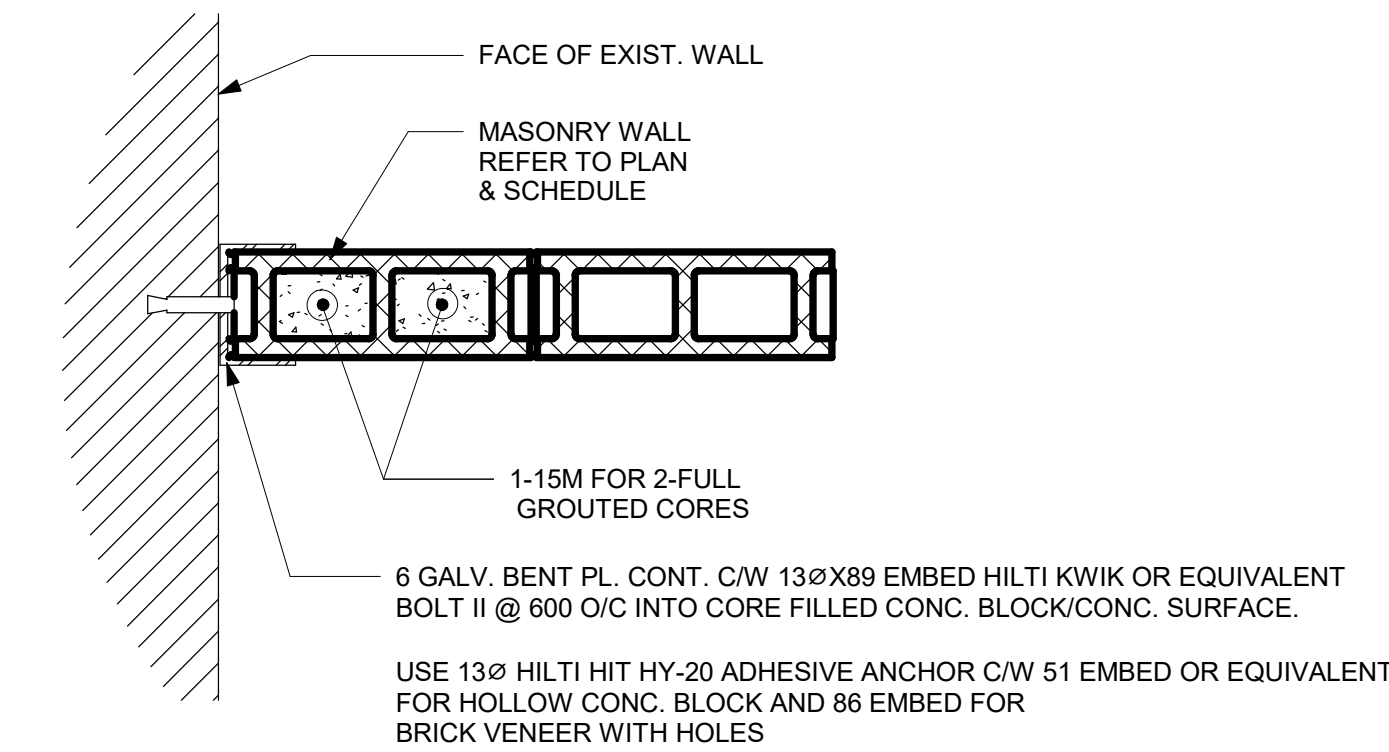
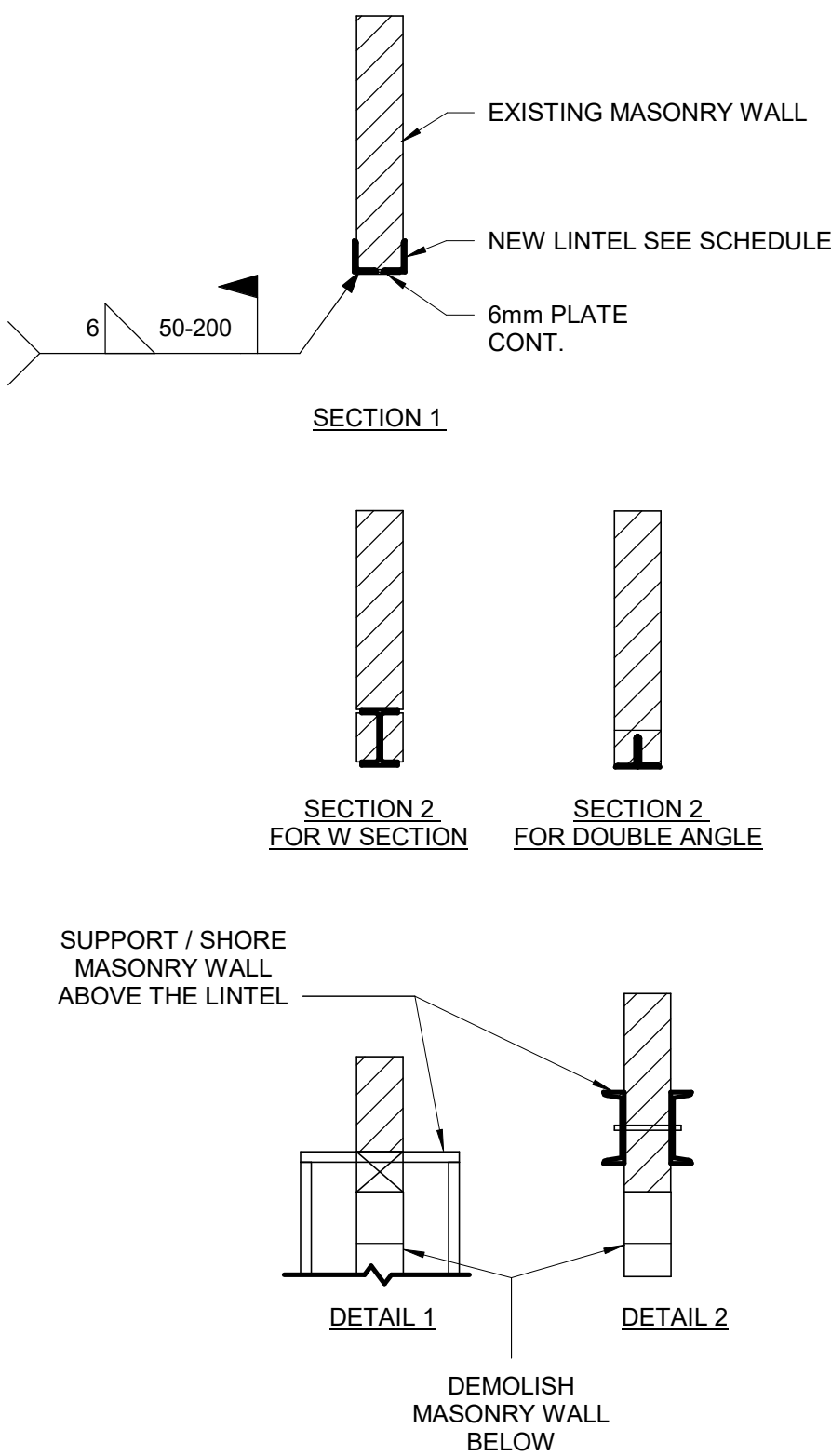
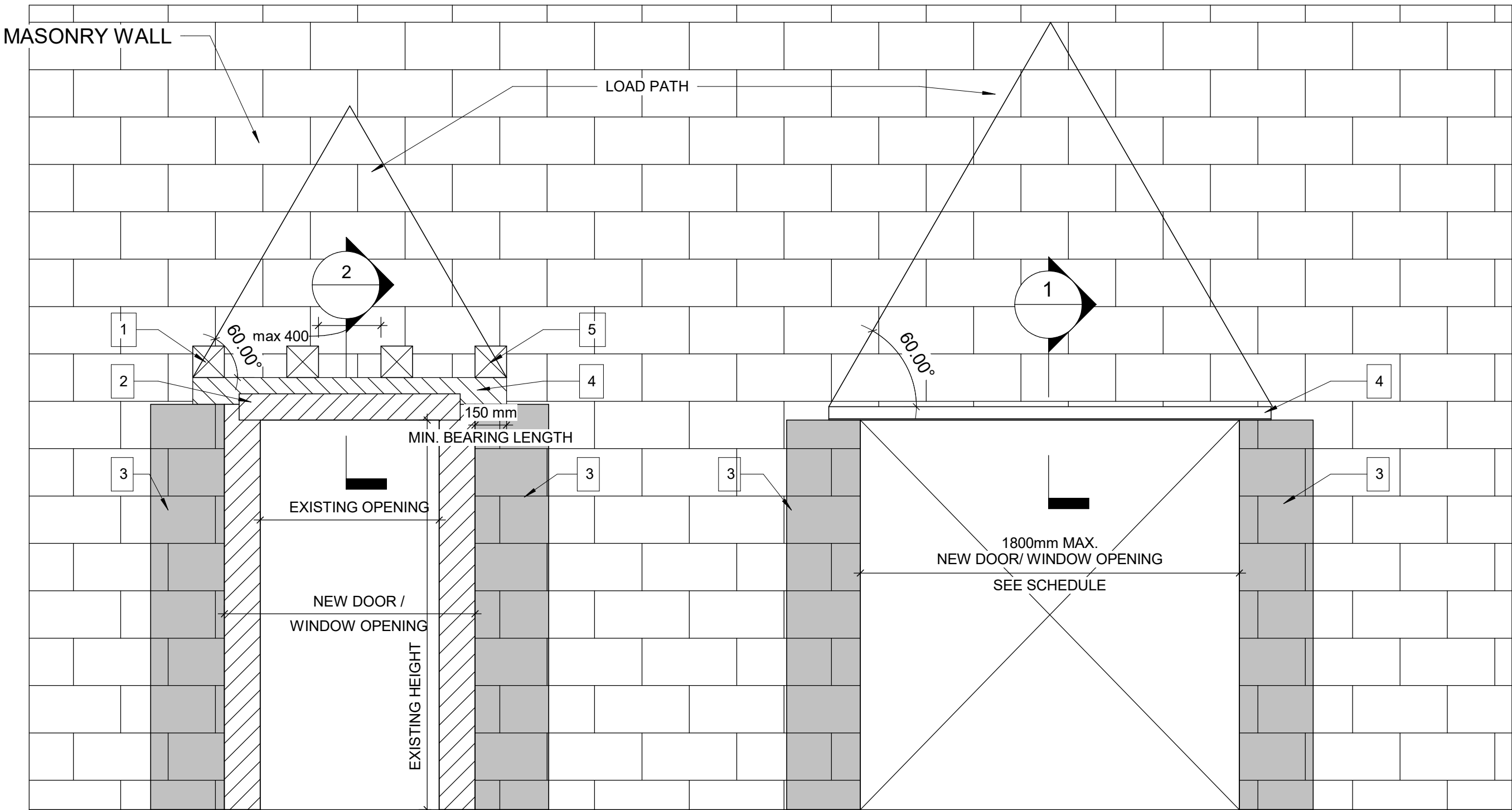
SHEET TITLE  
**STRUCTURAL STEEL  
DETAILS - 2**

SHEET NUMBER

**D2201**

ISSUE

**D**



2 TYPICAL CMU WALL CONNECTION TO EXISTING WALL  
Scale: 1 : 10

**WIDENING AN EXISTING OPENING  
IN EXISTING MASONRY WALL TYP.**

**NEW DOOR/WINDOW OPENING  
INTO EXISTING MASONRY WALL TYP.**

**PROPOSED SEQUENCE OF WORK**

1	CREATE NEW 150x150mm HOLES @ 400mm INTO EXISTING MASONRY WALL AND SHORE THE WALL ABOVE. SEE DETAIL 1. OR SHORE THE WALL ABOVE BY USING 2 CHANNELS BACK TO BACK AND THROUGH BOLTS @350mm, SEE DETAIL 2
2	DEMOLISH THE EXISTING LINTEL, THE VOID FOR NEW BEAM AND THE WALL FROM EACH SIDE OF THE NEW OPENING
3	FILL TWO CORES MIN. OF EXISTING MASONRY WALL WITH GROUT EACH SIDE OF THE NEW OPENING, (DRILL HOLES TOP AND BOTTOM OF EACH CORE, INJECT GROUT, CLOSE HOLES WITH MORTAR AND MAKE GOOD SURFACE)
4	INSTALL NEW LINTEL. SEE LINTEL SCHEDULE FOR LINTEL SIZE
5	ADD MASONRY FACES AT LINTEL AND REPAIR MASONRY COURSE

**LINTEL:**

OVER ALL OPENINGS IN MASONRY WALLS PROVIDE THE FOLLOWING LINTELS.  
UNLESS OTHERWISE SHOWN.

**STEEL LINTELS**

CLEAR SPAN mm (ft-in)	140 (6") WALL	190 (8") WALL	240 (10") WALL	290 (12") WALL
UP TO 1200 (4'-0")	L127x127x7.9	2-L89x89x7.9 +170x6mm PL	L89x89x7.9 +L127x89x7.9 LLV +220x6mm PL	3-L89x89x7.9 +270x6mm PL
1201 TO 1800 (4'-0" - 6'-")	2-L89x64x6.4LLV	2-L127x89x7.9LLV	L127x89x7.9LLV +L127x127x7.9	3-L127x89x7.9LLV
1801 TO 3100 (6'- 10')	2-L89x64x9.5LLV	2-L152x89x9.5LLV	2-L152x89x9.5LLV	3-L152x89x9.5LLV

- TO INSTALL A LINTEL TO THE EXISTING BLOCK WALL FOR A NEW OPENING, CUT A GROOVE THROUGH THE EXISTING BLOCK WALL AT THE TOP OF THE NEW OPENING AND INSTALL THE ANGLE FROM ONE SIDE OF THE WALL FOR SINGLE ANGLE OR FROM BOTH SIDES OF THE WALL FOR DOUBLE ANGLE AND THEN CUT THE OPENING.
- MINIMUM BEARING FOR STEEL LINTELS SHALL BE 200mm
- ALL STEEL LINTELS AND SHELF ANGLES IN THE EXTERIOR MASONRY SHALL BE HOT DIP GALVANIZED

1 WIDENING WALL OPENING  
Scale: 1 : 20

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SHEET TITLE  
**MASONRY DETAILS**

SHEET NUMBER  
**D2300**

ISSUE  
**D**