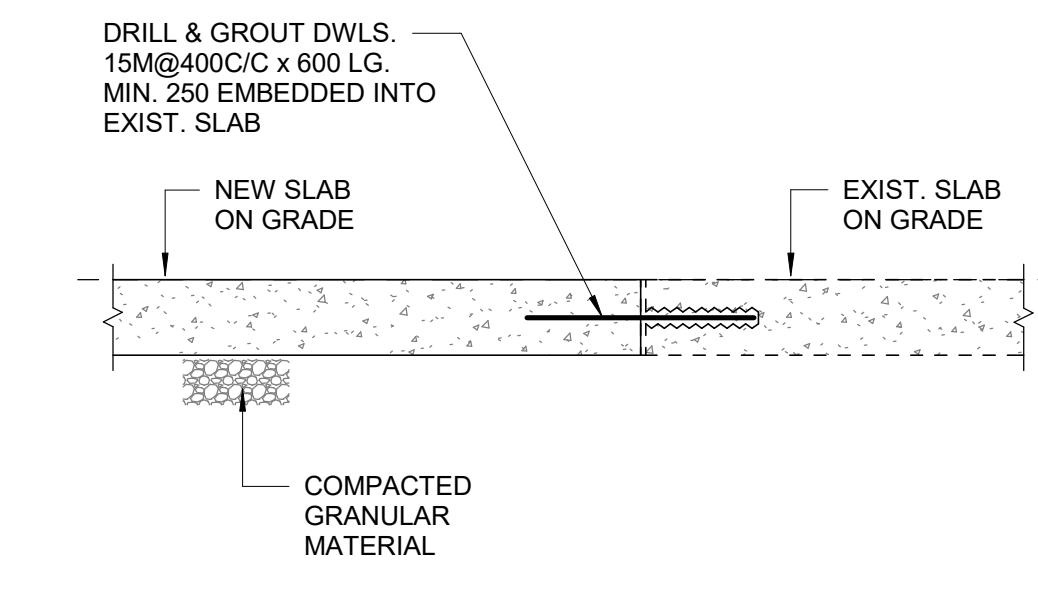
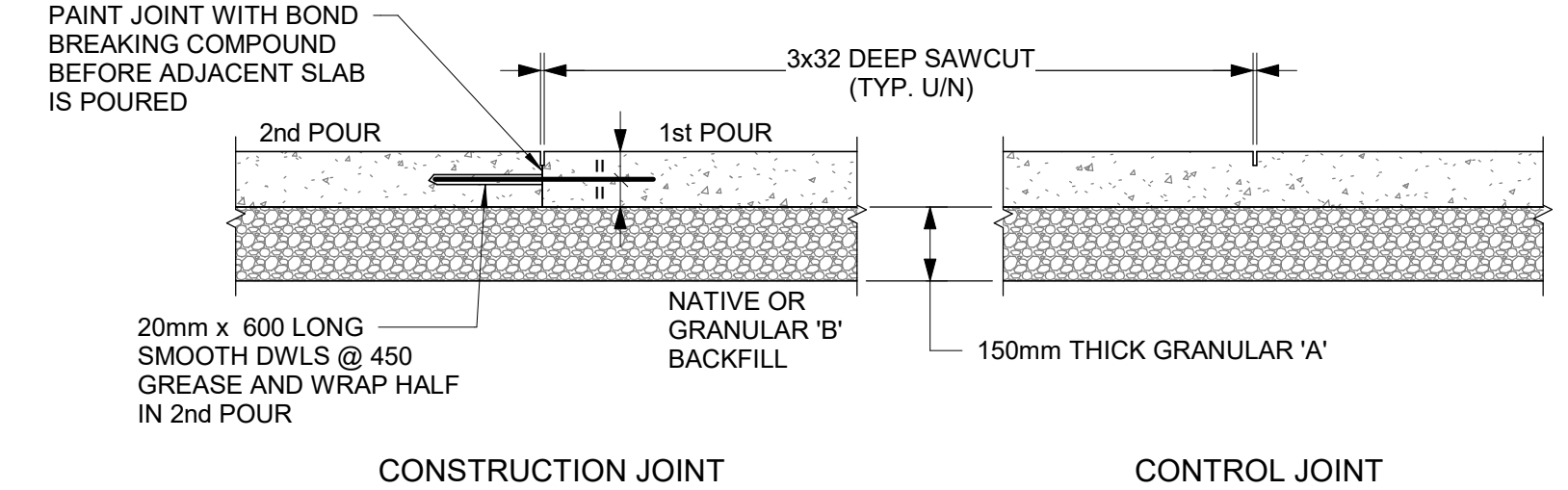


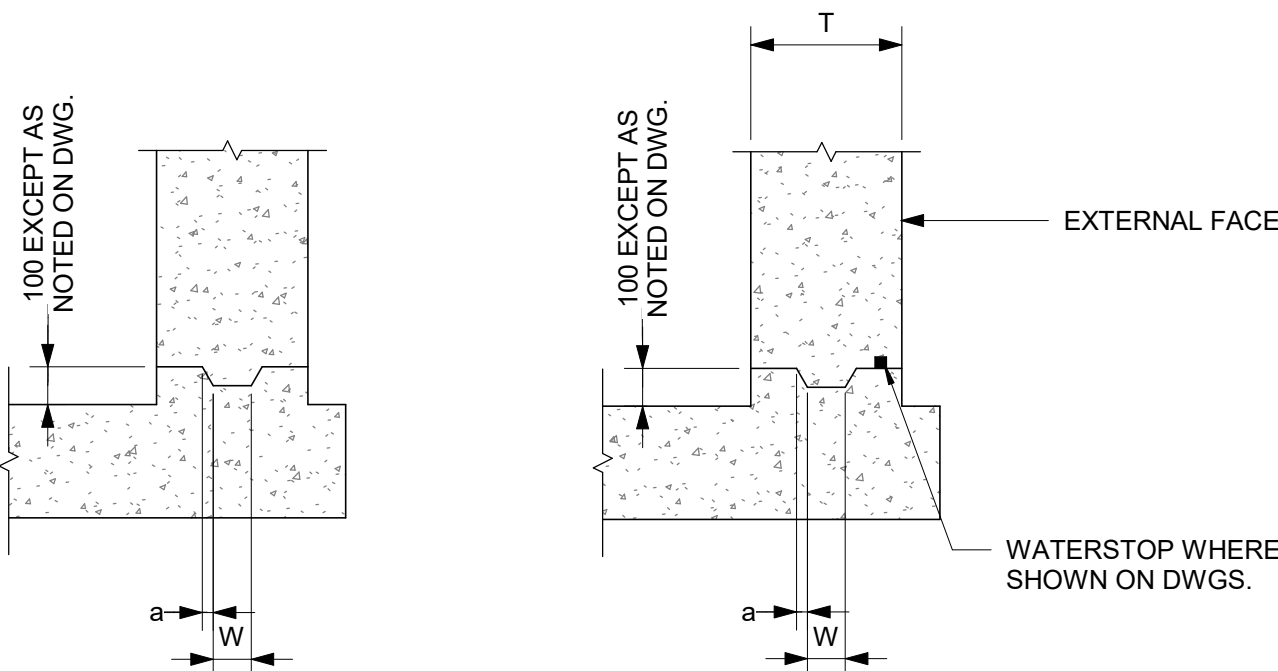
1 INTERIOR FOUNDATION WALL
D2100 Scale: NTS



2 NEW SLAB CONNECTION TO EXISTING SLAB
D2100 Scale: NTS



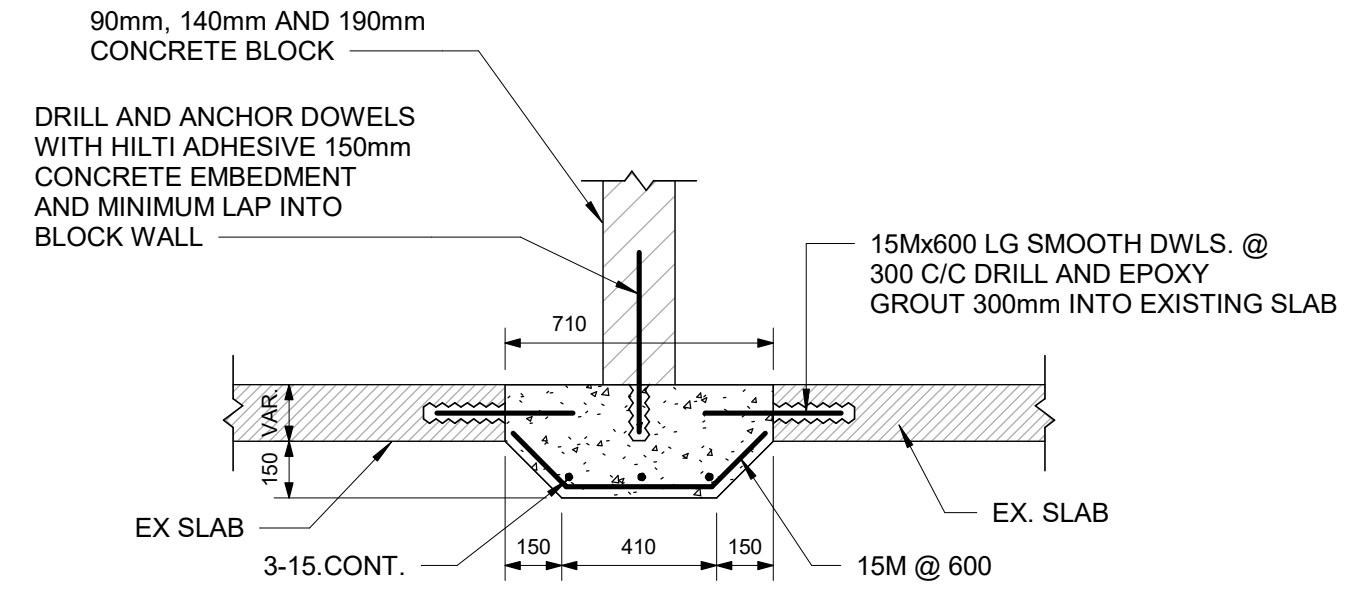
3 SLAB ON GRADE
D2100 Scale: NTS



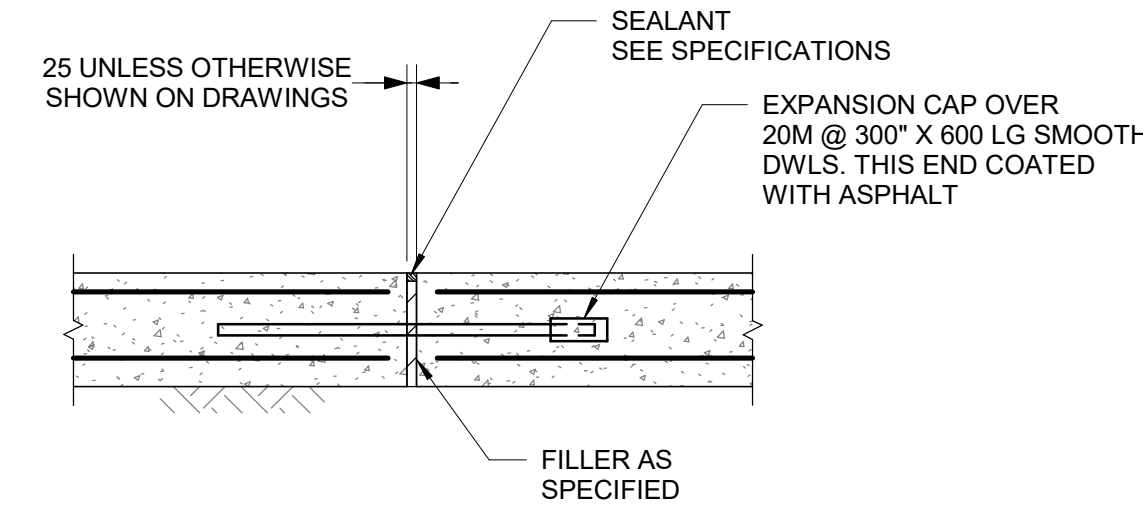
TYPE 1 TYPE 1WS

WALL THICKNESS "T"	KEY SIZE		"a"
	"D"	"W"	
200 TO 300	50	100	5
310 TO 440	50	150	10
450 TO 590	75	200	20
600 TO 890	75	250	20

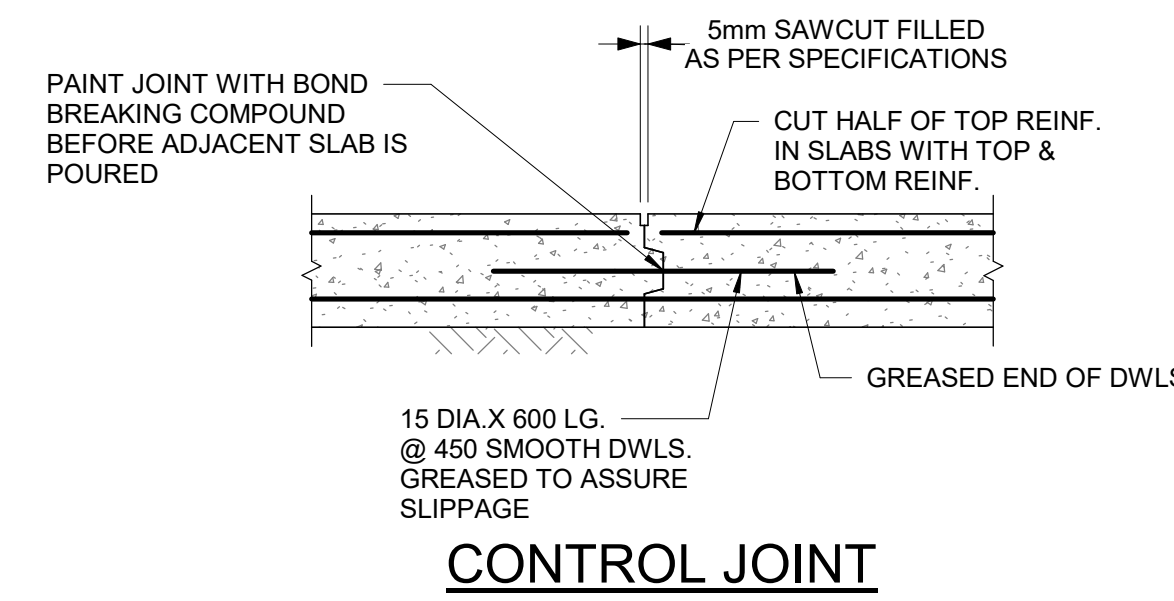
4 TYPICAL CONSTRUCTION JOINT AT EXTERIOR WALL
D2100 Scale: 1 : 20



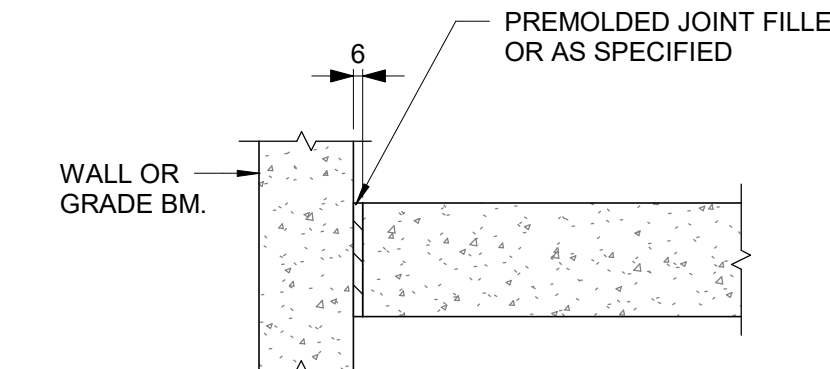
5 BLOCK WALL SLAB - THICKENING AT EXISTING SLAB
D2100 Scale: 1 : 20



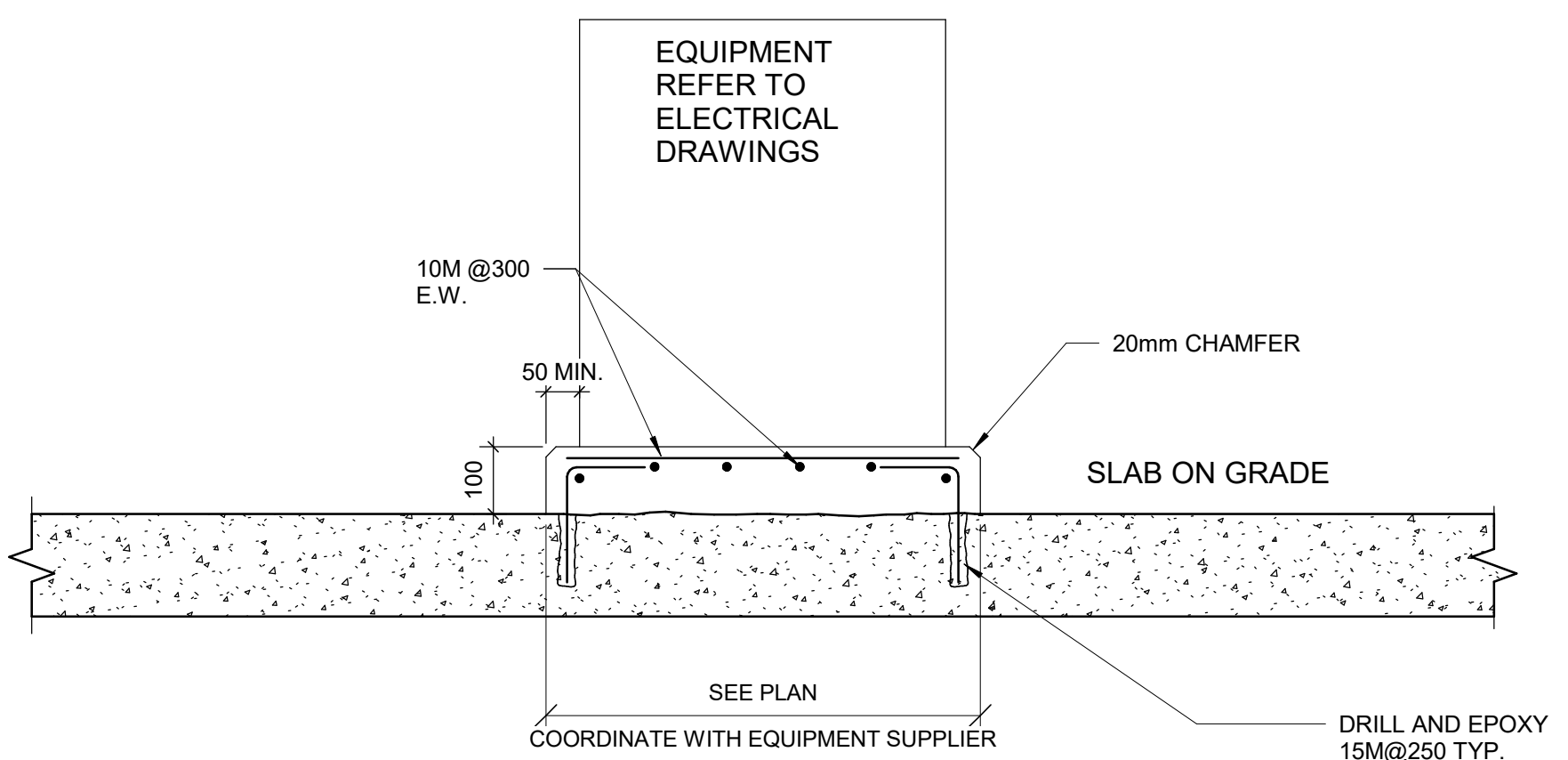
6 FLOOR JOINTS
D2100 Scale: 1 : 20



CONTROL JOINT

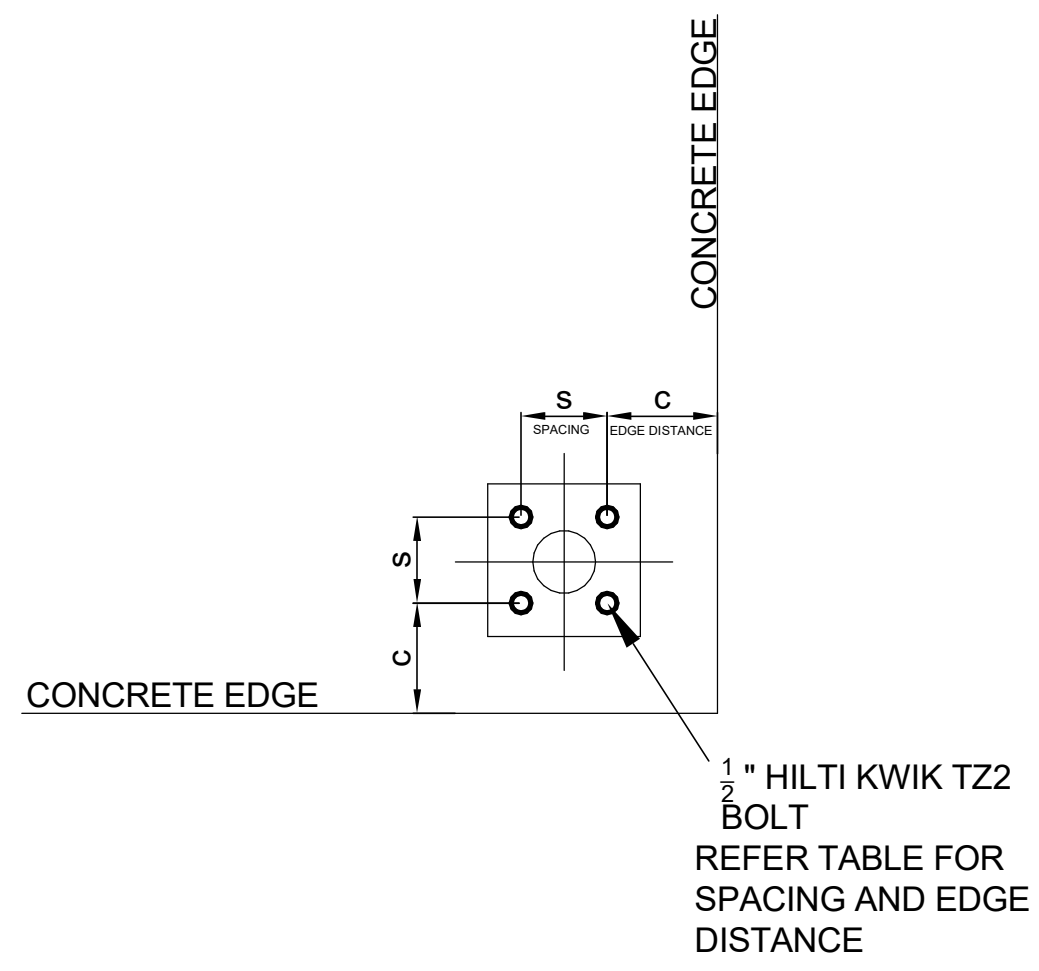


ISOLATION JOINT



MIN EMBEDMENT	S.O.G. THICKNESS
MIN 3"	125mm
MIN 4"	150mm
MIN 6"	200mm

7 TYPICAL HOUSEKEEPING PAD
D2100 Scale: 1 : 10

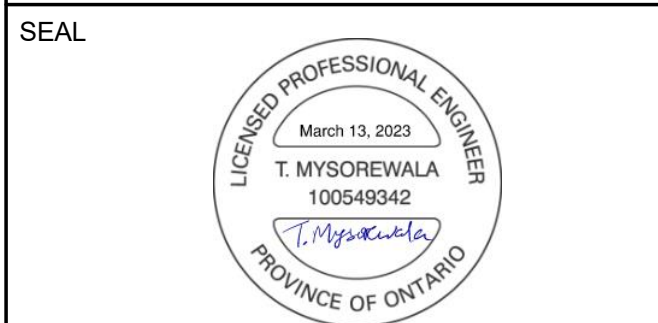


8 SPACING AND EDGE REQUIREMENTS FOR WEDGE ANCHORS (TYPICALLY USED FOR HANDRAILS)
D2100 Scale: 1 : 5

HILTI KWIKBOLT T22 CARBON STEEL, DIA 1/2"					
CONCRETE THICKNESS	EFFECTIVE EMBEDMENT	Case 1		Case 2	
		MIN EDGE DIST. C _{MIN1}	FOR SPACING S _{MIN1}	MIN EDGE DIST. C _{MIN2}	FOR SPACING S _{MIN2}
200	83	57	133	121	51
150	64	70	248	203	76
125	51	70	140	254	89
100	38	203	305	203	305

ISSUES		
No.	DESCRIPTION	DATE
00	ISSUED FOR CONSTRUCTION	2023-03-13

CONSULTANTS



PRIME CONSULTANT
IBI GROUP
175 Galaxy Blvd, Unit 100
Toronto, ON M9W 0C9, Canada
tel 416 679 1930 fax 416 675 4620
ibigroup.com

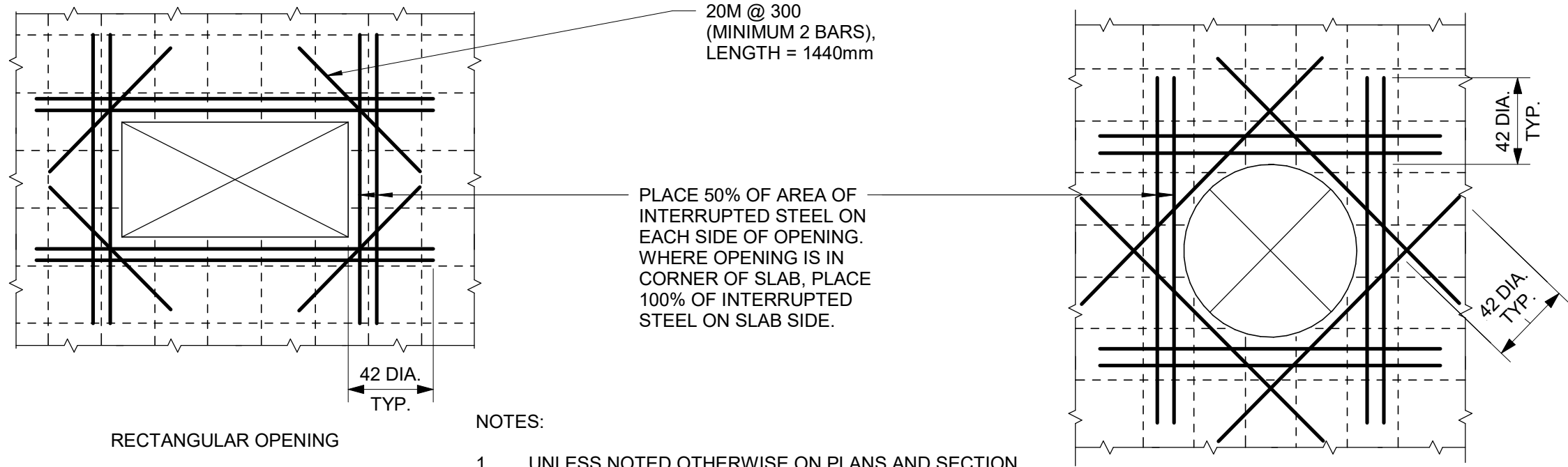
PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / IBI 122260
DRAWN BY:
G. POULOU
CHECKED BY:
T. MYSOREWALA
PROJECT MGR:
F. BOLOURIAN
APPROVED BY:
K. ANGER

SHEET TITLE
**CONCRETE TYPICAL
DETAILS - 1**

SHEET NUMBER
D2100
ISSUE
00



20M @ 300
(MINIMUM 2 BARS),
LENGTH = 1440mm

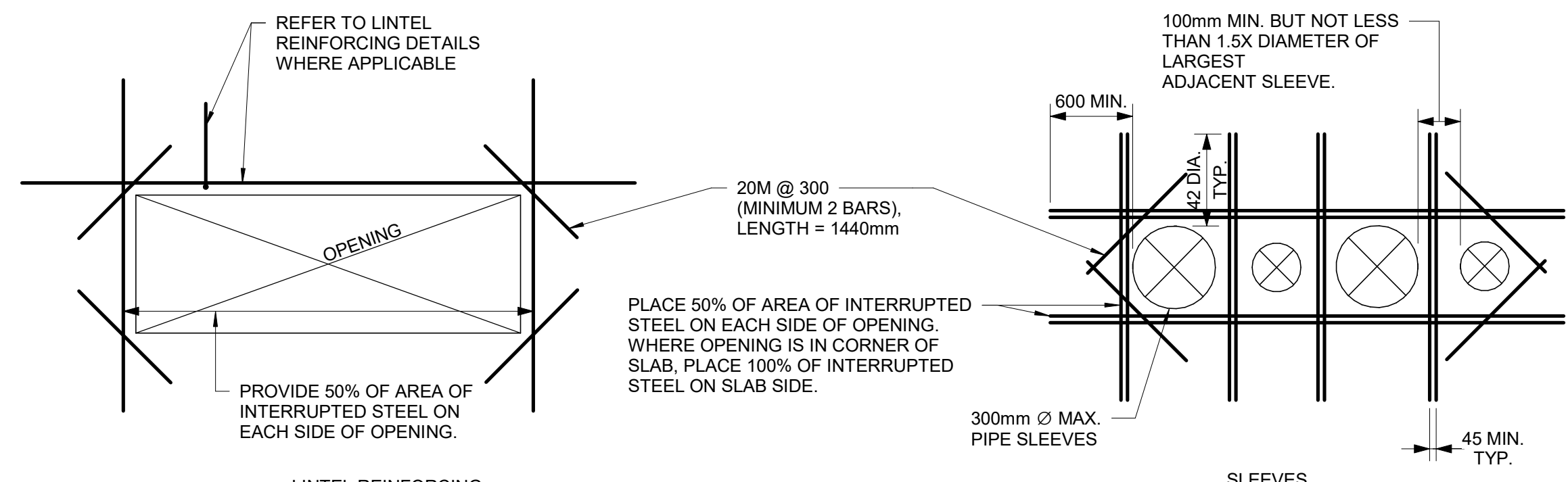
PLACE 50% OF AREA OF
INTERRUPTED STEEL ON
EACH SIDE OF OPENING.
WHERE OPENING IS IN
CORNER OF SLAB, PLACE
100% OF INTERRUPTED
STEEL ON SLAB SIDE.

RECTANGULAR OPENING

CIRCULAR OPENING

NOTES:

1. UNLESS NOTED OTHERWISE ON PLANS AND SECTION, REINFORCE AROUND OPENINGS AS SHOWN.
2. DO NOT MAKE OPENINGS LARGER THAN THE MAXIMUM DIMENSIONS NOTED BELOW WITHOUT PRIOR REVIEW FROM THE ENGINEER OF RECORD, UNLESS NOTED ON STRUCTURAL DRAWINGS.
3. MAXIMUM SLAB OPENING SIZE IS 2500mm SQUARE OR ROUND U/N ON DRAWINGS. THIS DETAIL APPLIES FOR OPENINGS WITH A DIMENSION GREATER THAN 150mm.
4. THIS DETAIL ALSO APPLIES AT PIPE OPENINGS.



REFER TO LINTEL
REINFORCING DETAILS
WHERE APPLICABLE

20M @ 300
(MINIMUM 2 BARS),
LENGTH = 1440mm

PLACE 50% OF AREA OF INTERRUPTED
STEEL ON EACH SIDE OF OPENING.
WHERE OPENING IS IN CORNER OF
SLAB, PLACE 100% OF INTERRUPTED
STEEL ON SLAB SIDE.

PROVIDE 50% OF AREA OF
INTERRUPTED STEEL ON
EACH SIDE OF OPENING.

LINTEL REINFORCING
(FOR DOOR/LOUVRE OPENINGS W/ SPAN > 2500mm)

* UNLESS OTHERWISE DETAILED ON PLANS OR SECTIONS

SLEEVES

1 ADD'L REINF. TO OPENINGS IN CONC. WALLS AND SLABS

Scale: 1 : 20



CLIENT

CITY OF TORONTO

Toronto

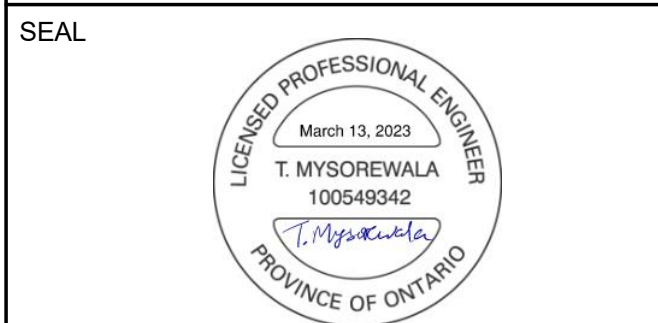
Corporate Real Estate Management
Project Management Office
Metro Hall Toronto, ON
MSV 3C6

COPYRIGHT
This drawing has been prepared solely for the intended use. Thus any reproduction or distribution for any purpose other than authorized by IBI Group is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and IBI Group shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to IBI Group for general conformance before proceeding with fabrication.

IBI Group Professional Services (Canada) Inc.
is a member of the IBI Group of companies

ISSUES		
No.	DESCRIPTION	DATE
00	ISSUED FOR CONSTRUCTION	2023-03-13

CONSULTANTS



PRIME CONSULTANT

IBI GROUP
175 Galaxy Blvd, Unit 100
Toronto, ON M9W 0C9, Canada
tel 416 679 1930 fax 416 675 4620
ibigroup.com

PROJECT TITLE

**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

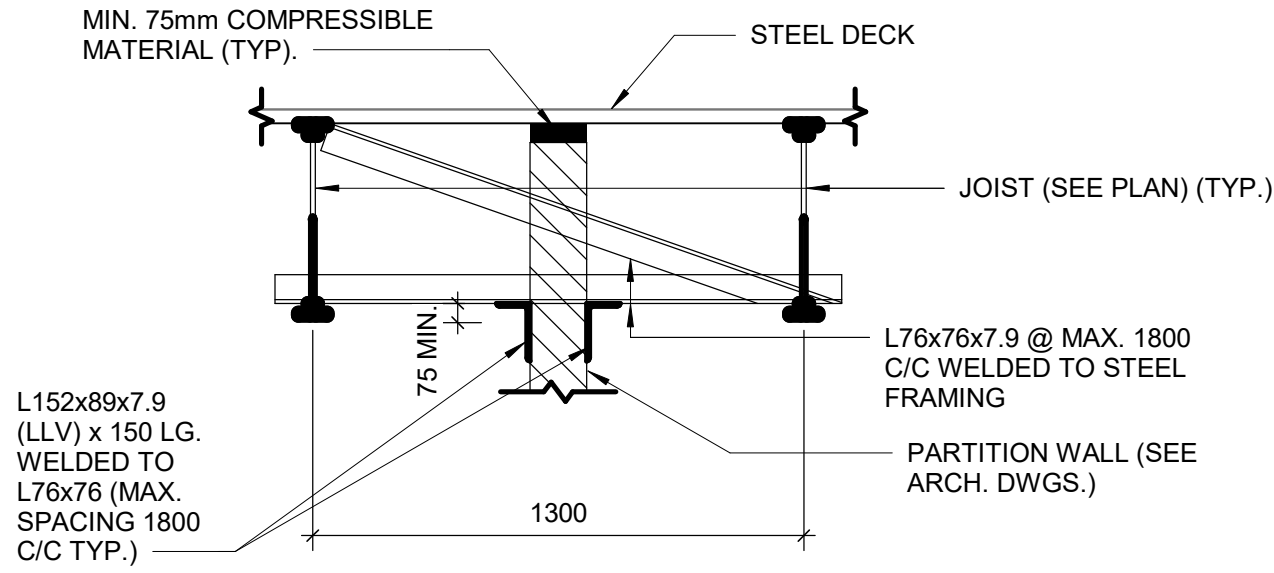
PROJECT NO: 9119- 19- 0162 / IBI 122260	
DRAWN BY: G. POULOU	CHECKED BY: T. MYSOREWALA
PROJECT MGR: F. BOLOURIAN	APPROVED BY: K. ANGER

SHEET TITLE

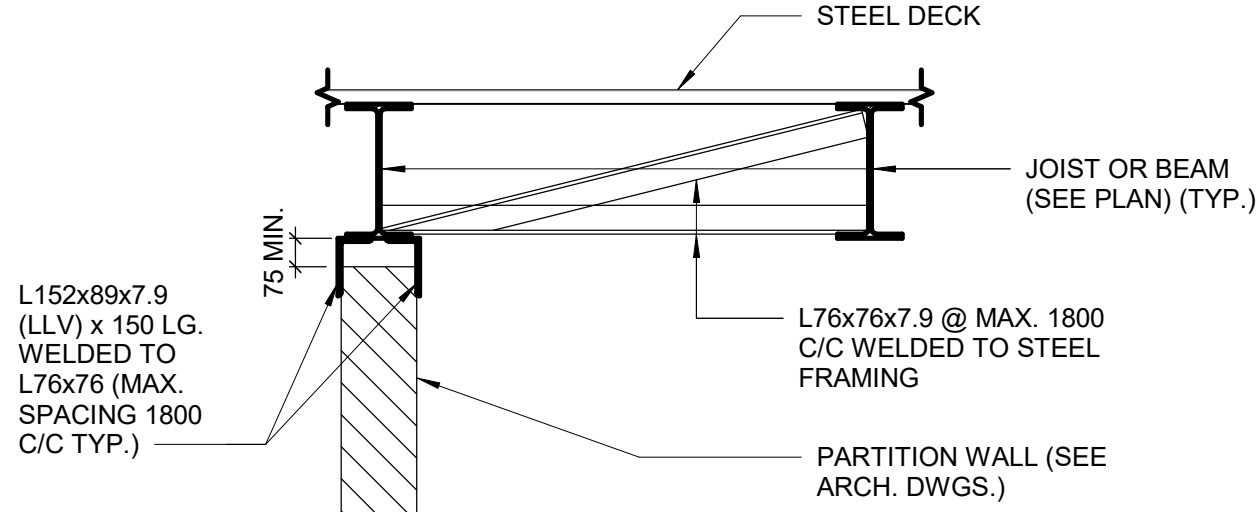
**CONCRETE TYPICAL
DETAILS - 2**

SHEET NUMBER	ISSUE
D2102	00

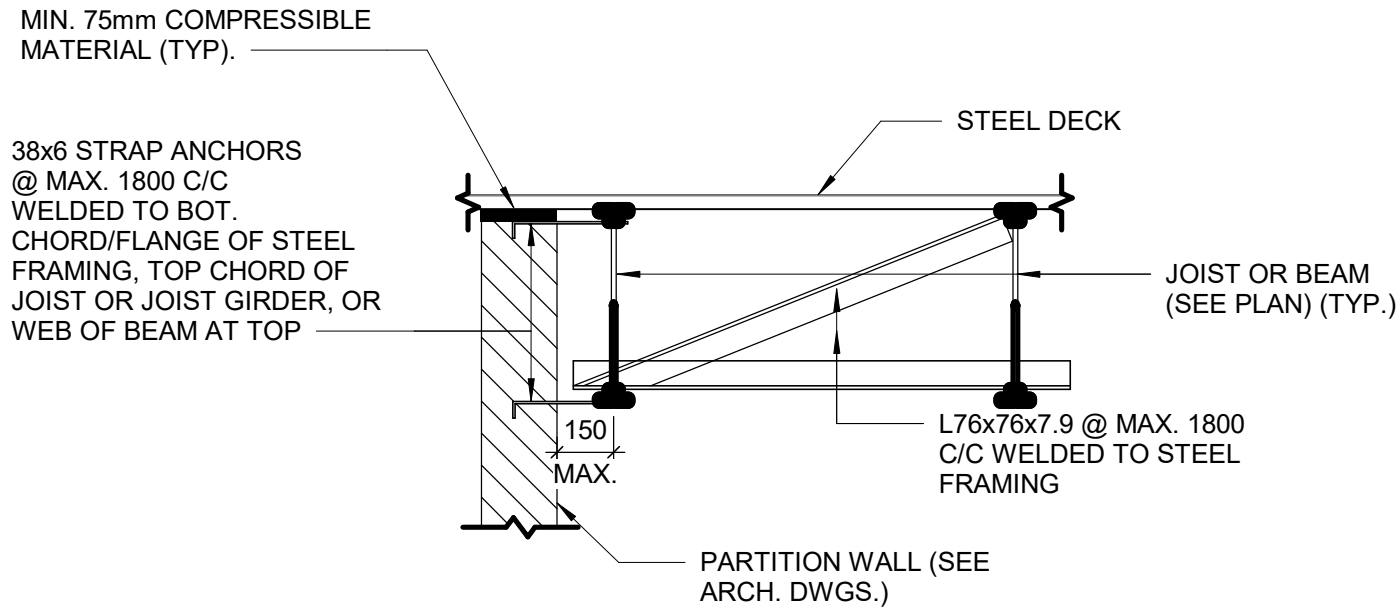
2023-03-09 6:02:26 AM



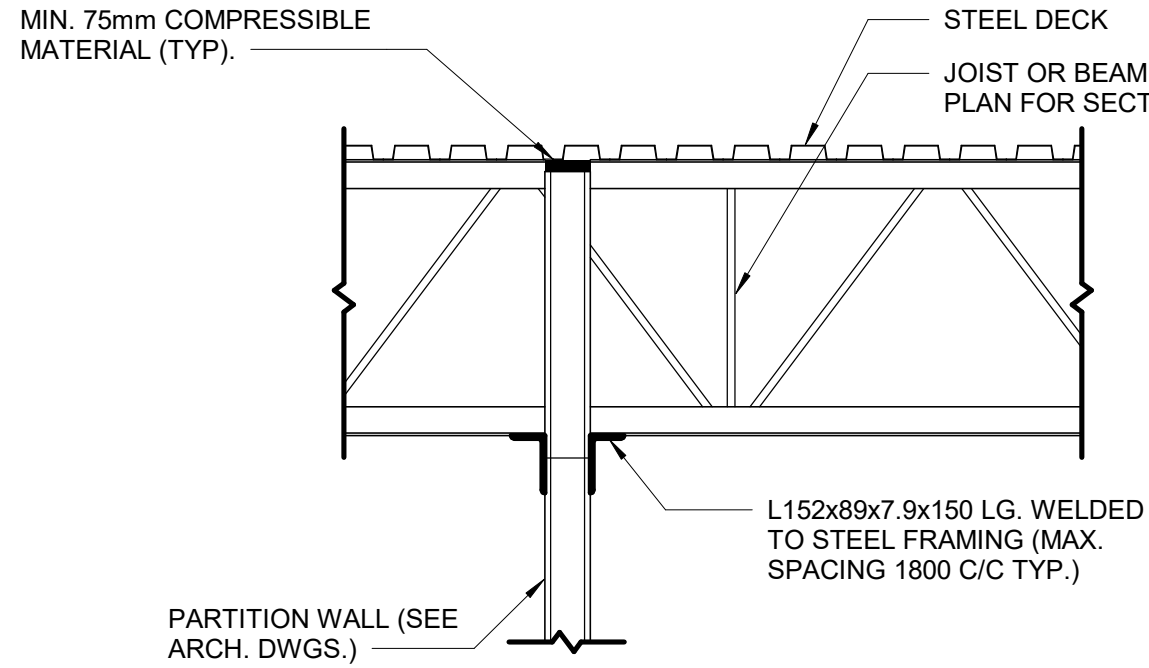
1 PARTITION WALL BETWEEN JOIST
D2200 Scale: 1 : 20



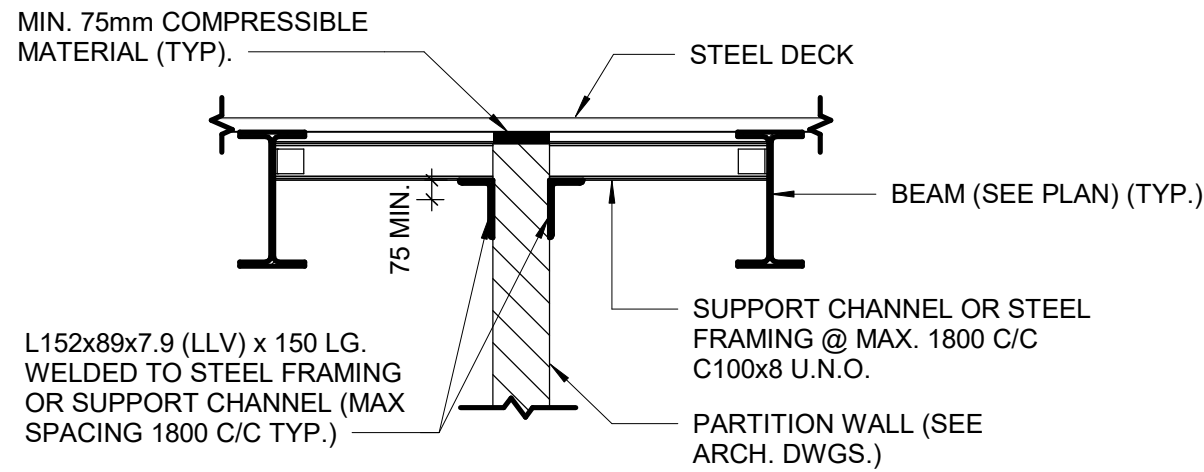
2 PARTITION WALL PARALLEL TO AND CENTERED ON JOIST OR BEAM
D2200 Scale: 1 : 20



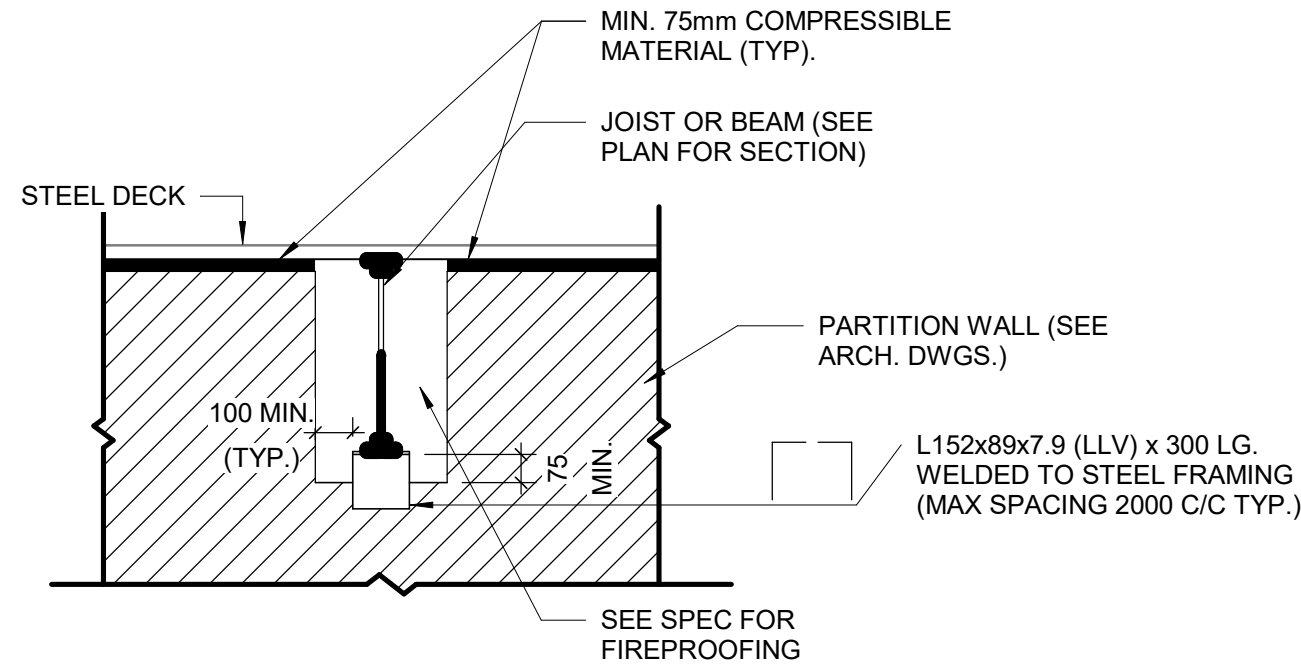
3 PARTITION WALL PARALLEL TO JOISTS OR BEAM
D2200 Scale: 1 : 20



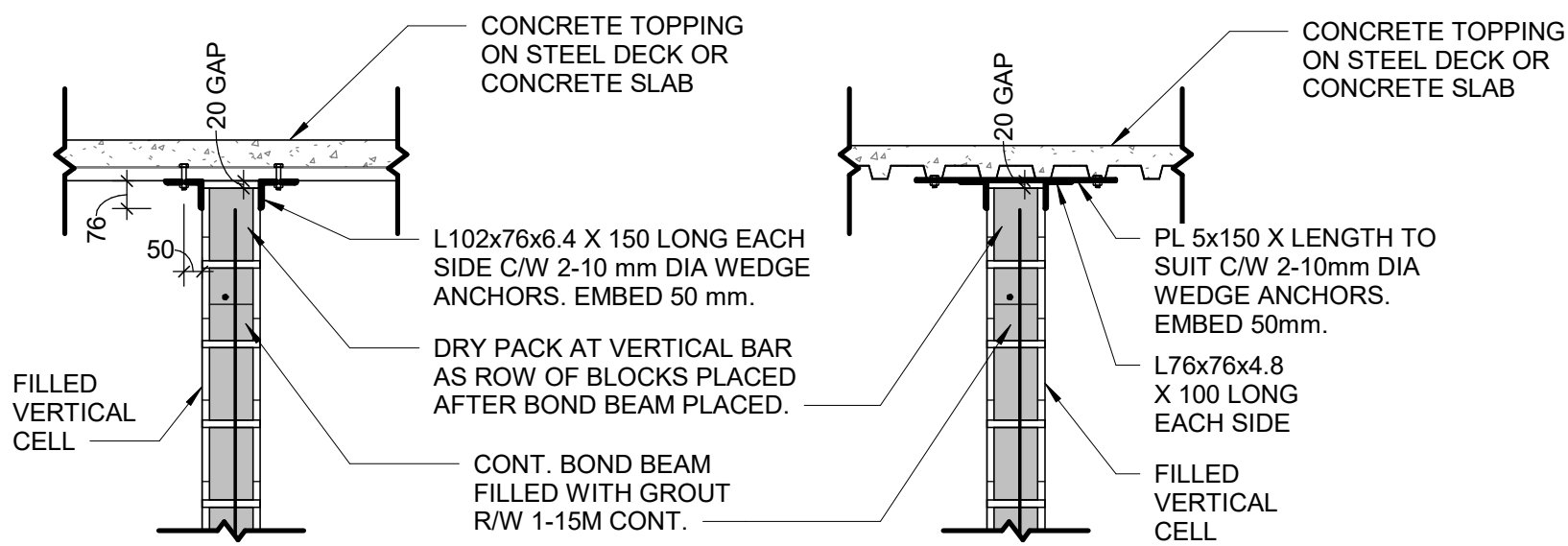
4 PARTITION WALL PERPENDICULAR TO JOIST OR BEAM
D2200 Scale: 1 : 20



5 PARTITION WALL BETWEEN BEAMS
D2200 Scale: 1 : 20

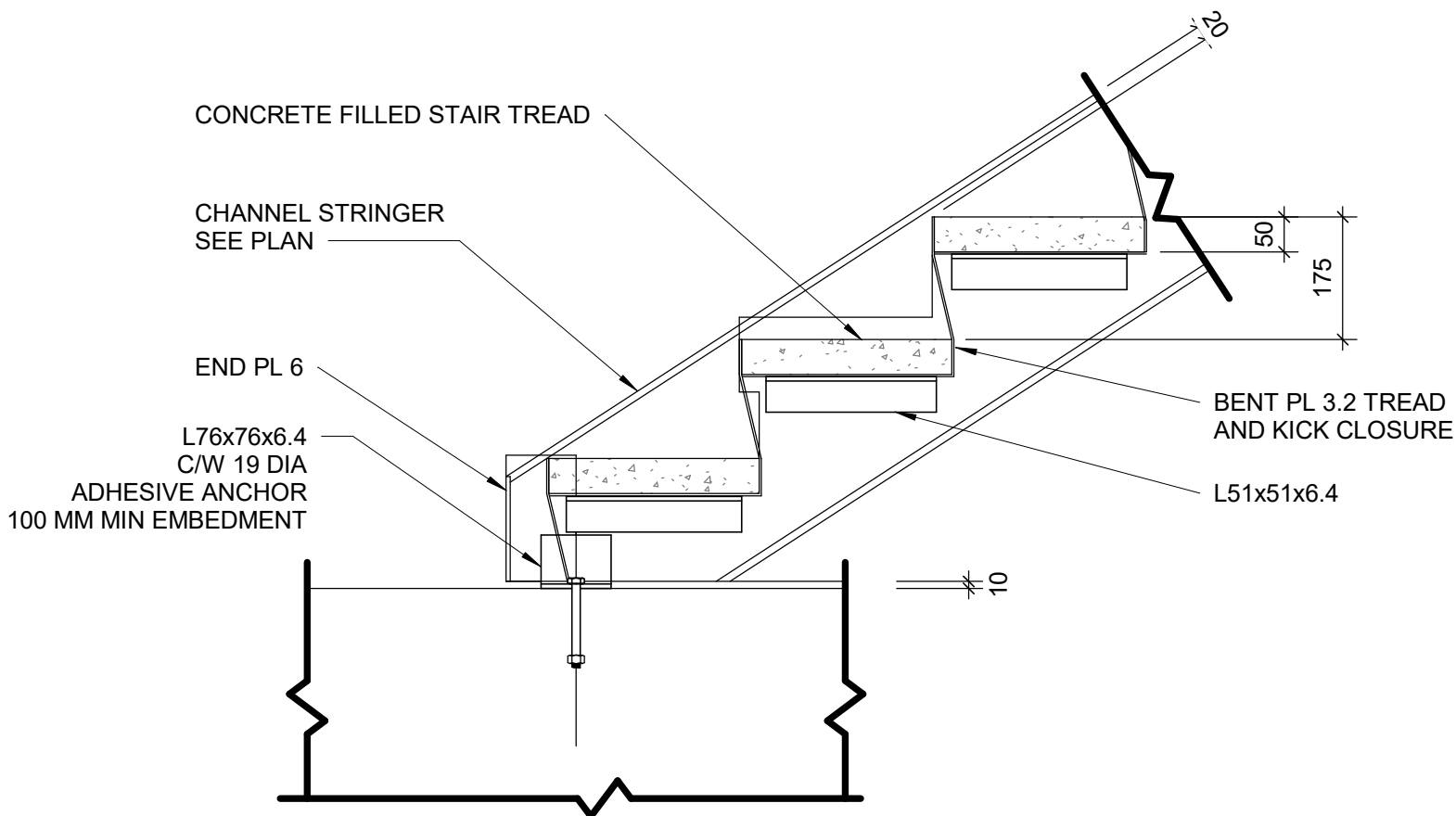


6 PARTITION PERPENDICULAR TO JOIST OR BEAMS
D2200 Scale: 1 : 20

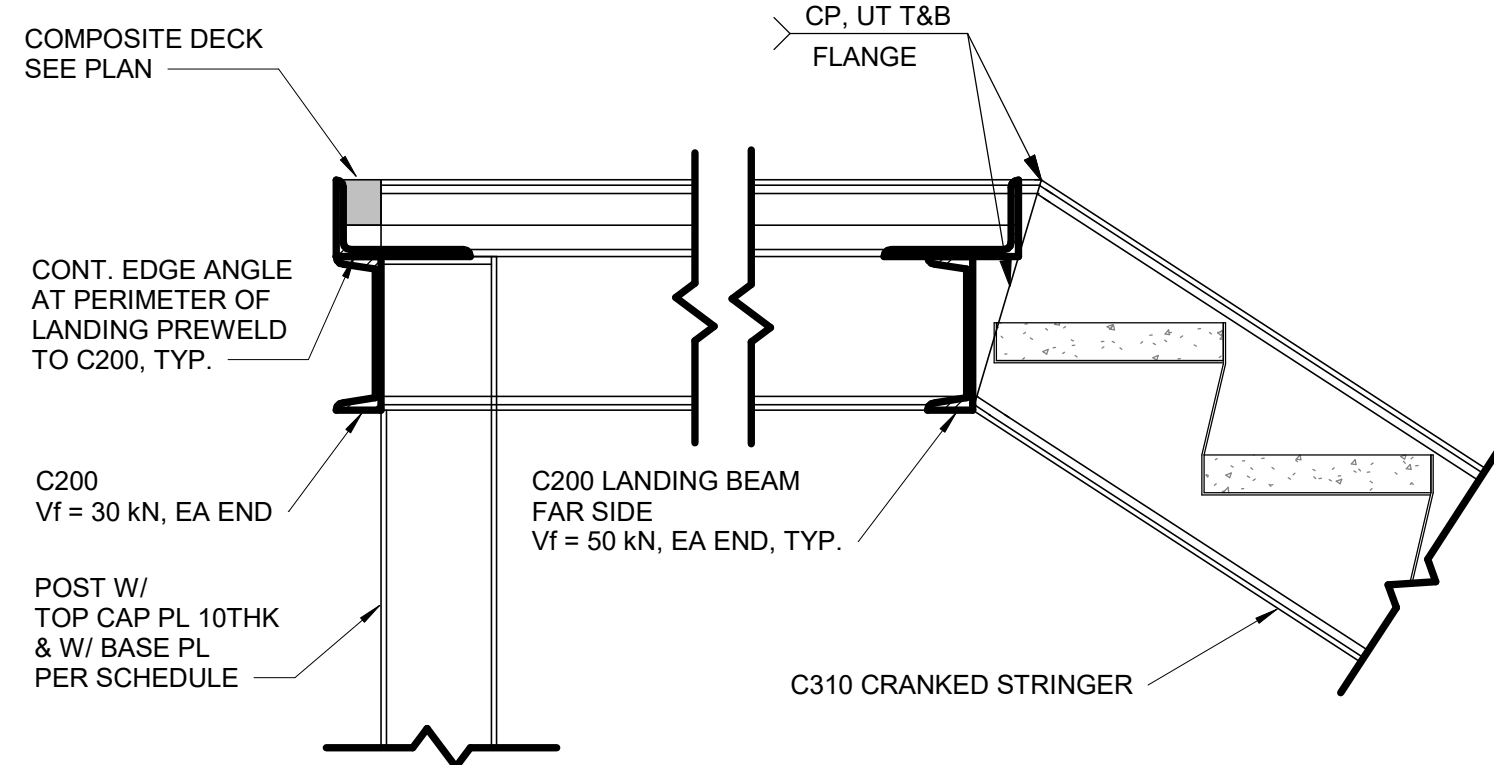


NOTES:
1. ALL CONNECTIONS TO BE AT FILLED VERTICAL CELLS AT 1200 mm O/C MAXIMUM UNLESS NOTED OTHERWISE.
2. FIELD WELD ANGLES TO EMBEDDED PLATE.

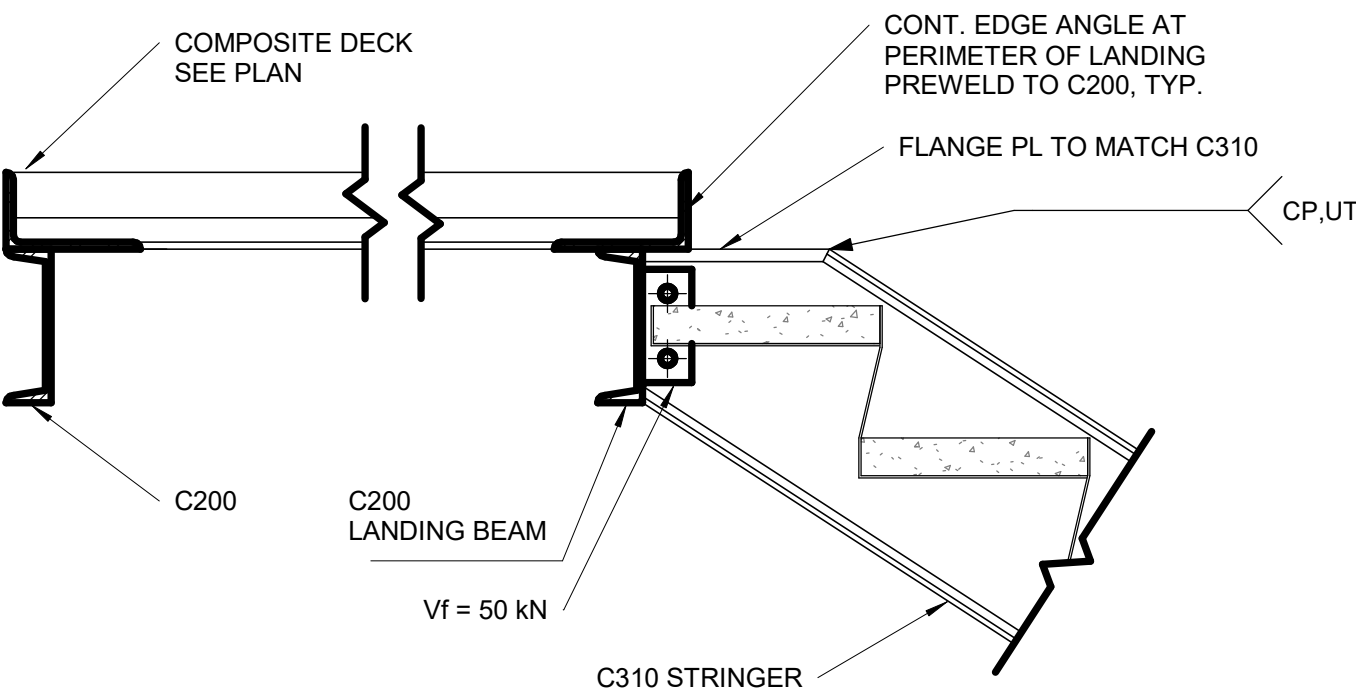
7 SUPPORT DETAIL AT TOP OF BLOCK WALL
D2200 Scale: 1 : 20



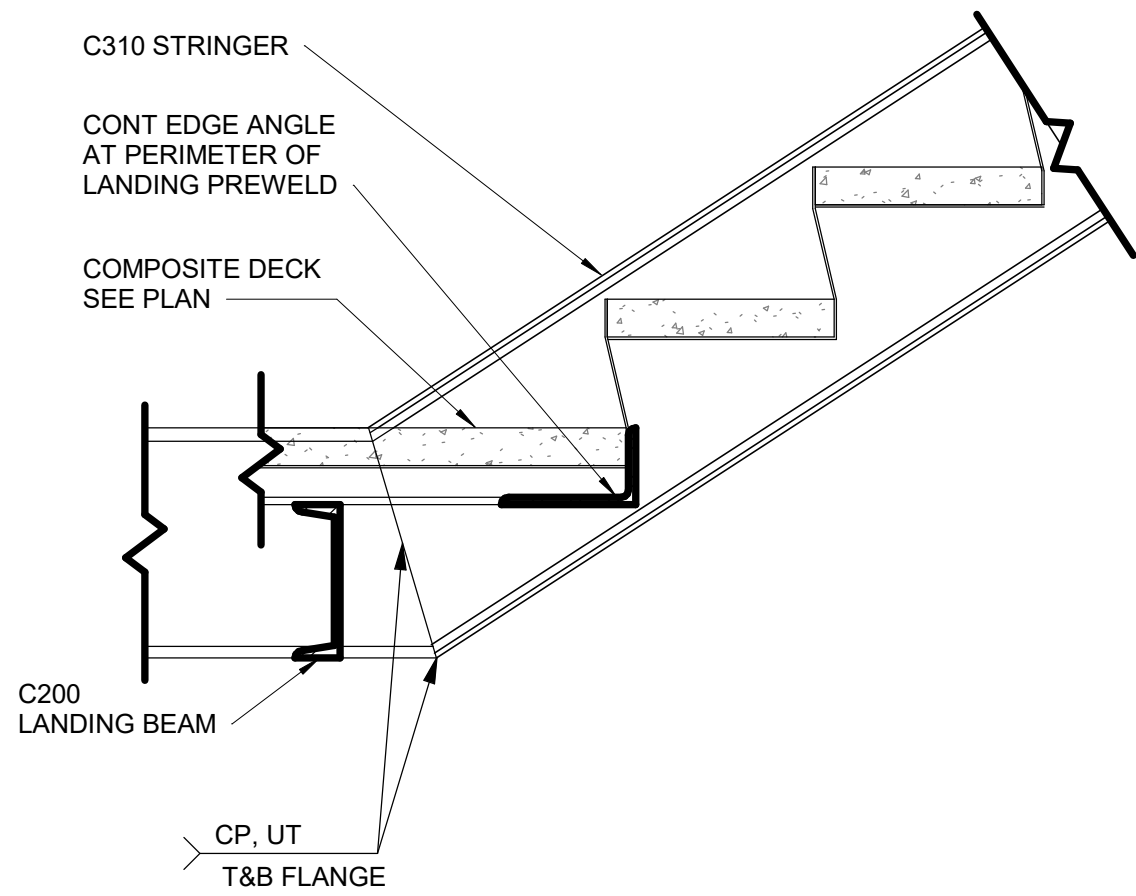
8 TYPICAL SLAB UNDER STRINGER
D2200 Scale: 1 : 10



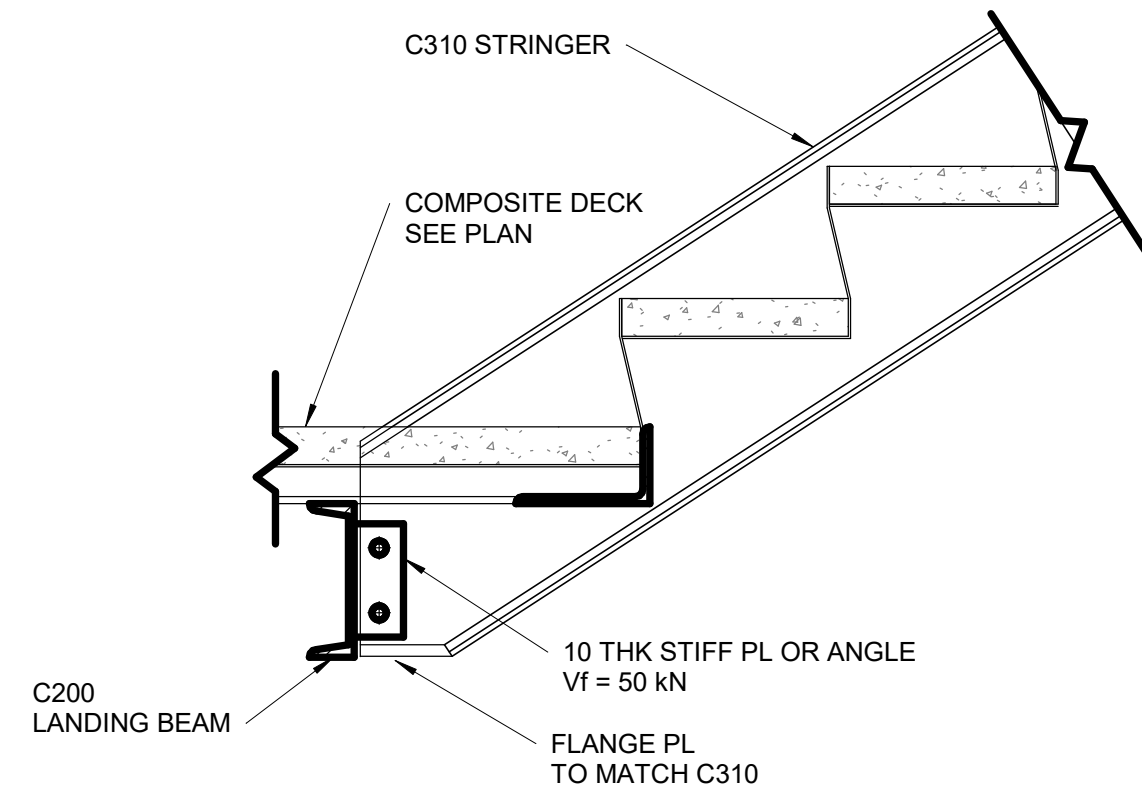
9 TYPICAL SECTION AT UPPER LANDING STRINGER
D2200 Scale: 1 : 10



10 TYPICAL SECTION AT UPPER LANDING
D2200 Scale: 1 : 10



12 TYPICAL SECTION AT LOWER LANDING STRINGER
D2200 Scale: 1 : 10



11 TYPICAL SECTION AT LOWER LANDING
D2200 Scale: 1 : 10

CLIENT
CITY OF TORONTO
Corporate Real Estate Management
Project Management Office
Metro Hall Toronto, ON
MSV 3C6

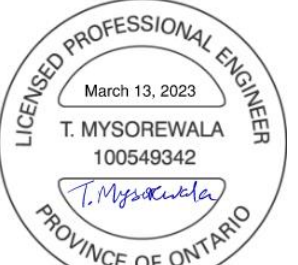
COPYRIGHT
This drawing has been prepared solely for the intended use, that any reproduction or distribution for any purpose other than authorized by IBI Group is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and IBI Group shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to IBI Group for general conformance before proceeding with fabrication.

IBI Group Professional Services (Canada) Inc.
is a member of the IBI Group of companies

ISSUES		
No.	DESCRIPTION	DATE
00	ISSUED FOR CONSTRUCTION	2023-03-13

CONSULTANTS

SEAL



PRIME CONSULTANT

IBI GROUP
175 Galaxy Blvd, Unit 100
Toronto, ON M9W 0C9, Canada
tel 416 679 1930 fax 416 675 4620
ibigroup.com

PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / IBI 122260

DRAWN BY:
G. POULOU

CHECKED BY:
T. MYSOREWALA

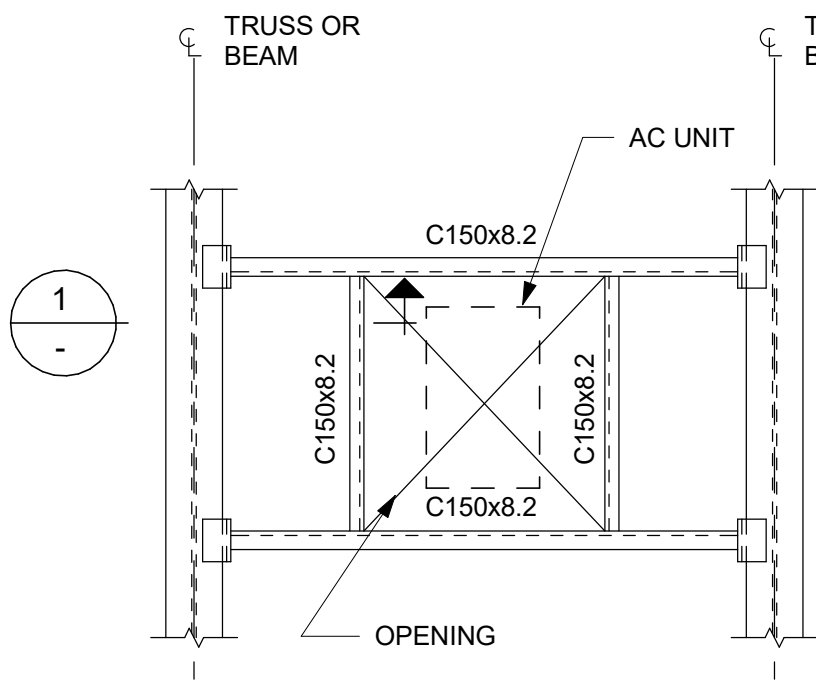
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
K. ANGER

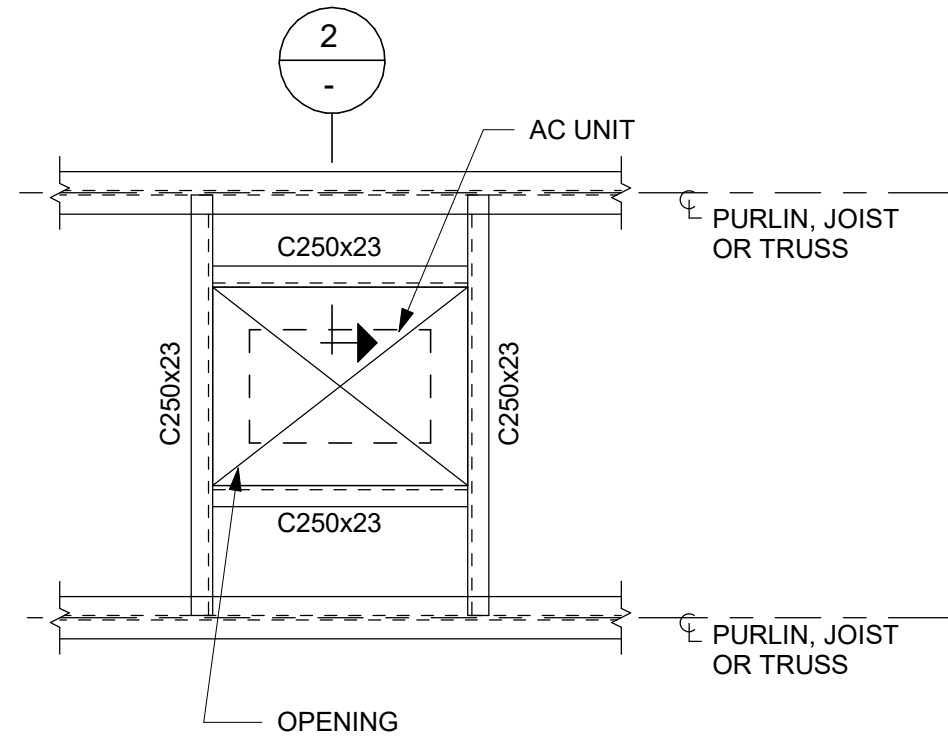
SHEET TITLE
**STRUCTURAL STEEL
DETAILS - 1**

SHEET NUMBER
D2200

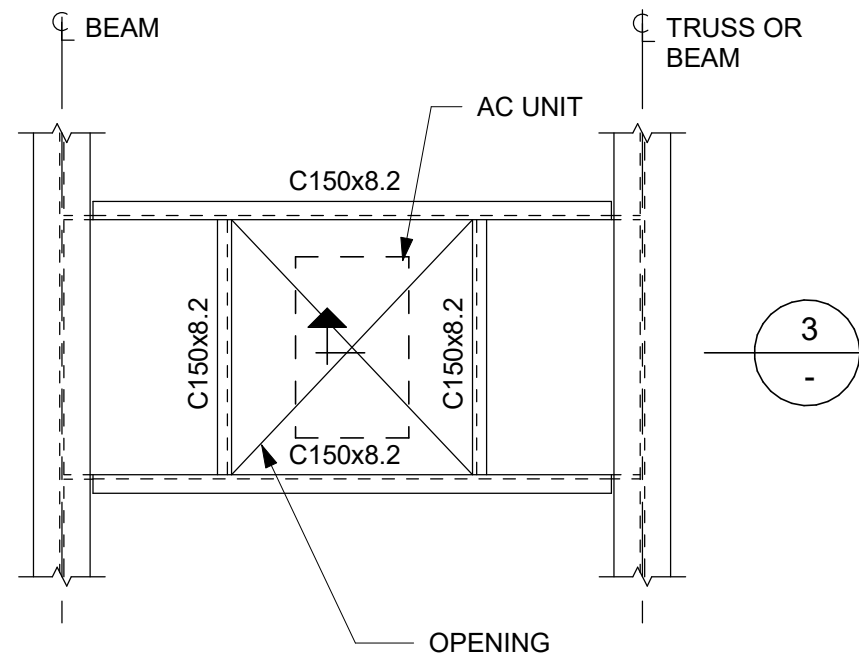
ISSUE
00



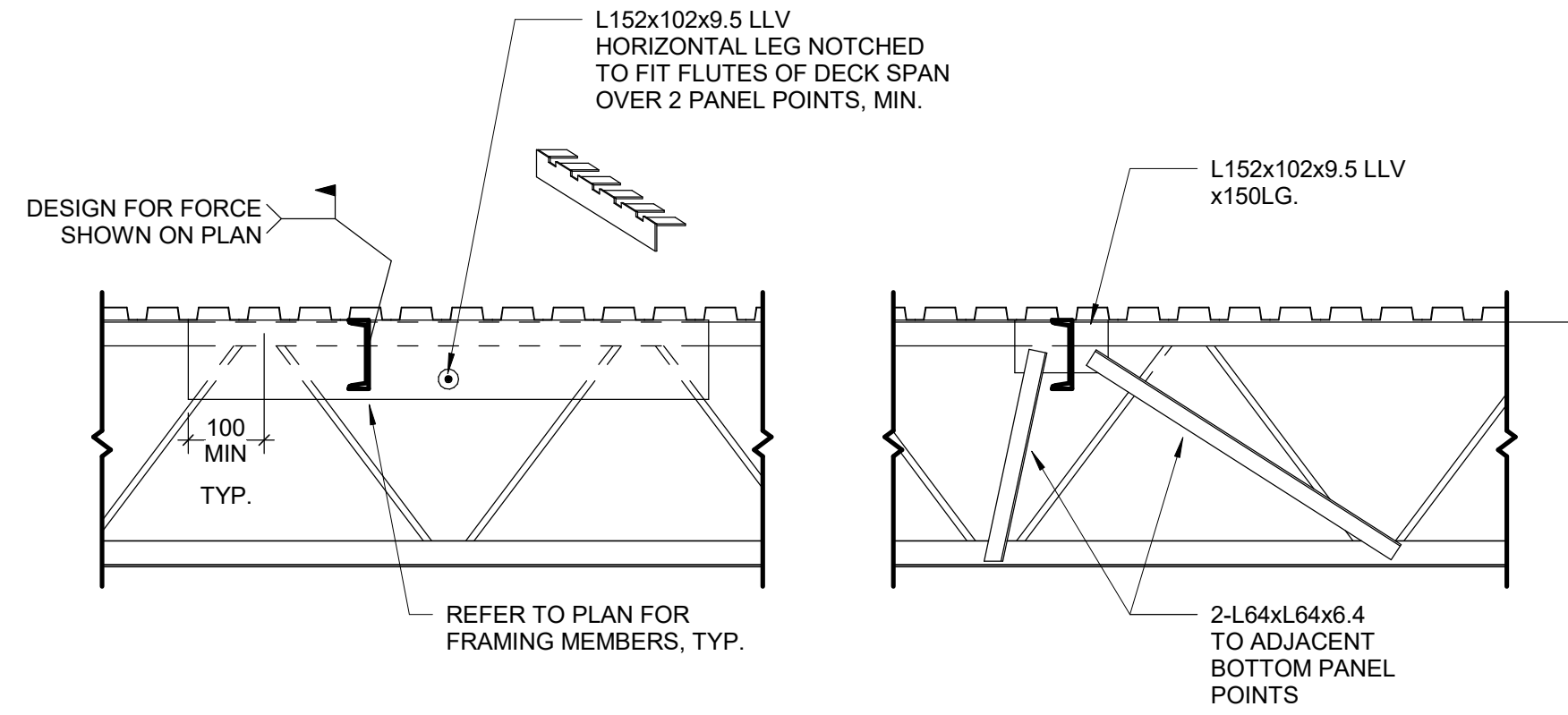
FRAME TYPE "A"



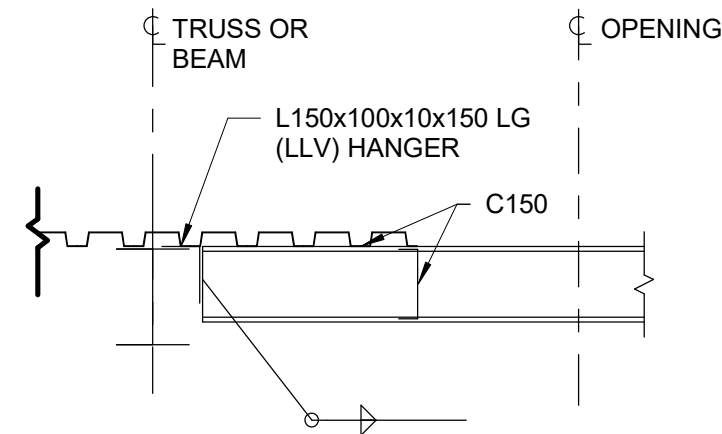
FRAME TYPE "B"



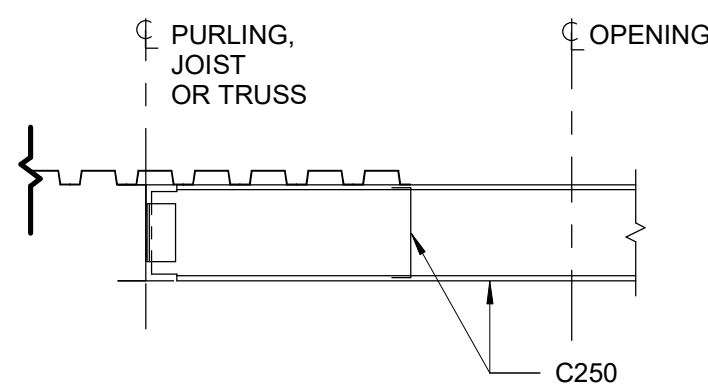
FRAME TYPE "C"



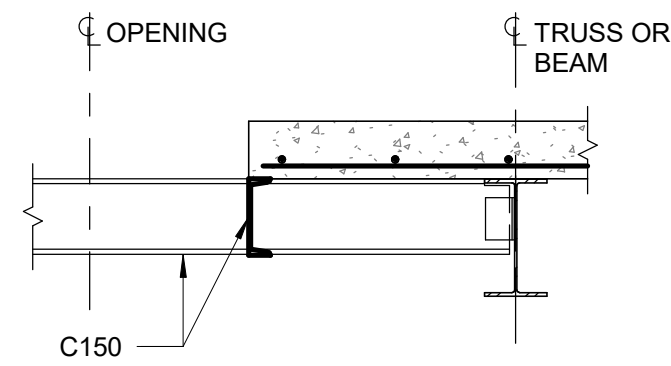
DETAIL AT EXISTING JOIST
(TWO OPTIONS SHOWN)



1

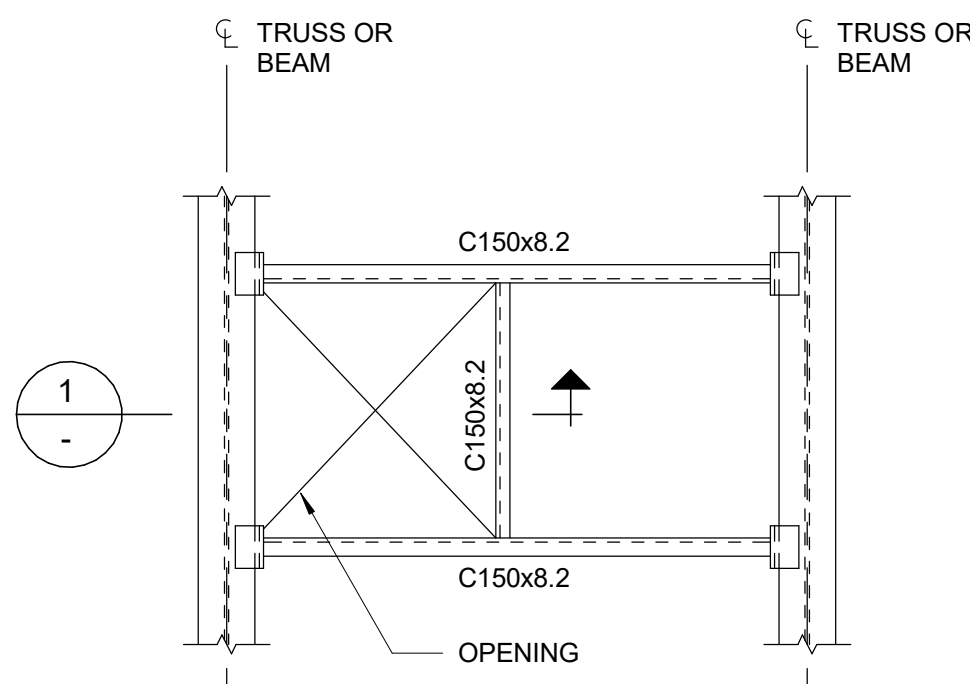


2

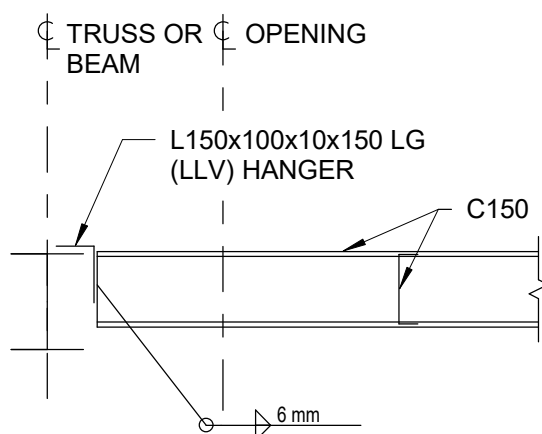


3

1 TYPICAL ROOF OPENING
D2201 Scale: 1 : 20

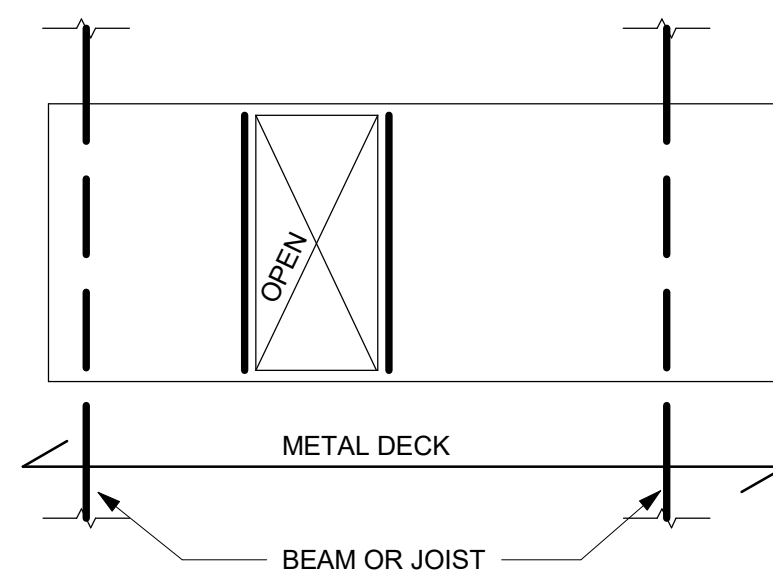


1



1

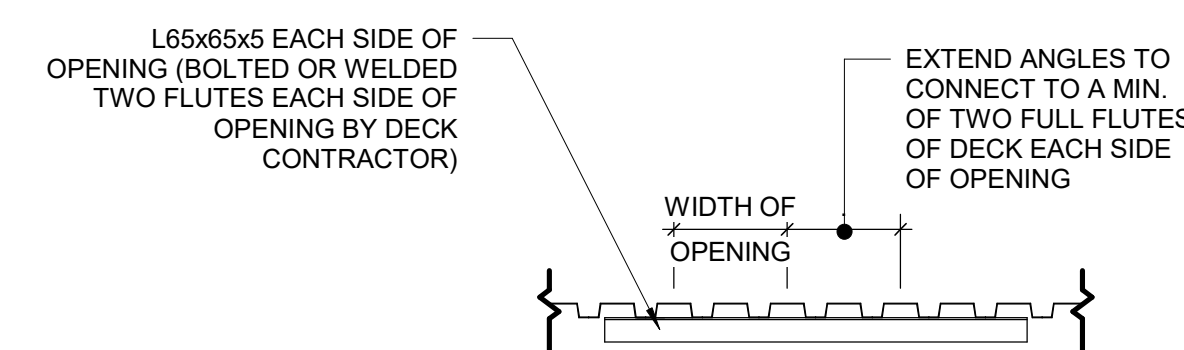
3 TYPICAL ROOF OPENING ADJACENT TO BEAM
D2201 Scale: 1 : 20



4 OPENINGS IN METAL ROOF DECK
D2201 Scale: 1 : 20

NOTES:

1. OPENINGS UP TO 150mm SQUARE OR IN DIAMETER AND SPACED A MINIMUM 300mm CLEAR FROM ADJACENT OPENINGS DO NOT REQUIRE REINFORCING.
2. OPENINGS LARGER THEN 150mm, BUT NOT EXCEEDING 450mm, ARE TO BE REINFORCED. SEE DETAIL 7/D2201.
3. OPENINGS LARGER THAN 450mm UP TO MAXIMUM ON DETAIL 1/D2201 1200mm SQUARE ARE TO BE REINFORCED AS SHOWN ABOVE, UNLESS INDICATED OTHERWISE ON PLAN.
4. CONNECT FRAMING FOR A MINIMUM END REACTION OF 10kN.



5 METAL DECK OPENINGS 200 TO 360 WIDE
D2201 Scale: 1 : 20

ISSUES		
No.	DESCRIPTION	DATE
00	ISSUED FOR CONSTRUCTION	2023-03-13

CONSULTANTS

SEAL



PRIME CONSULTANT



PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / IBI 122260

DRAWN BY:
G. POULOU

CHECKED BY:
T. MYSOREWALA

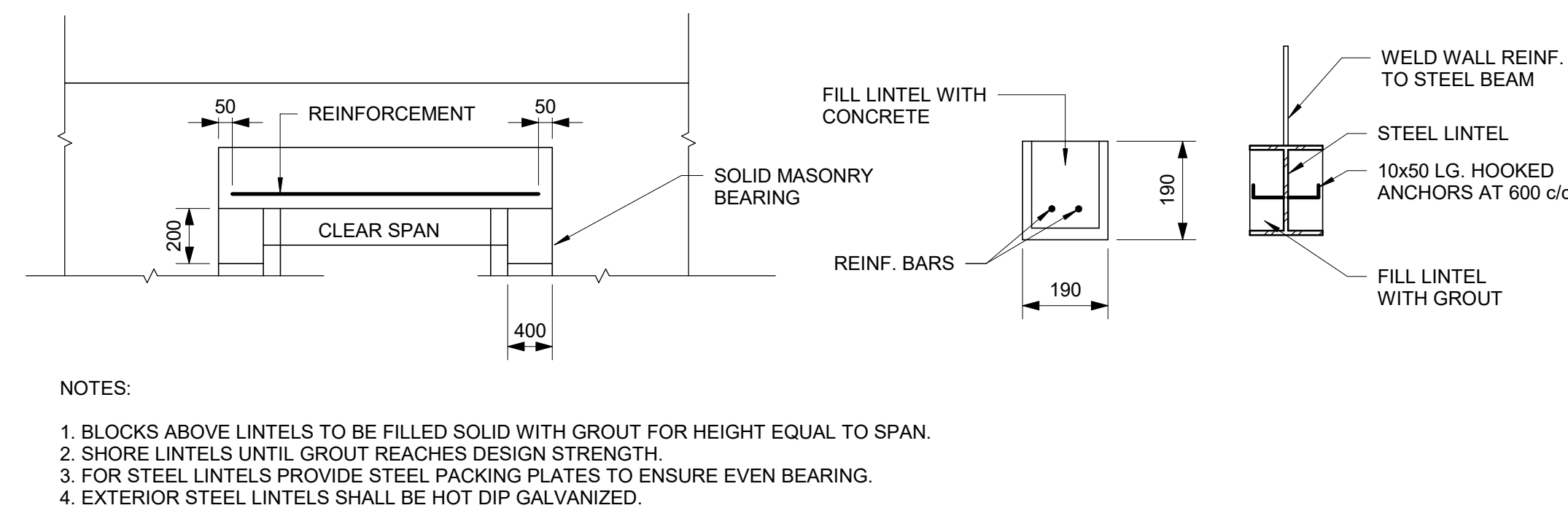
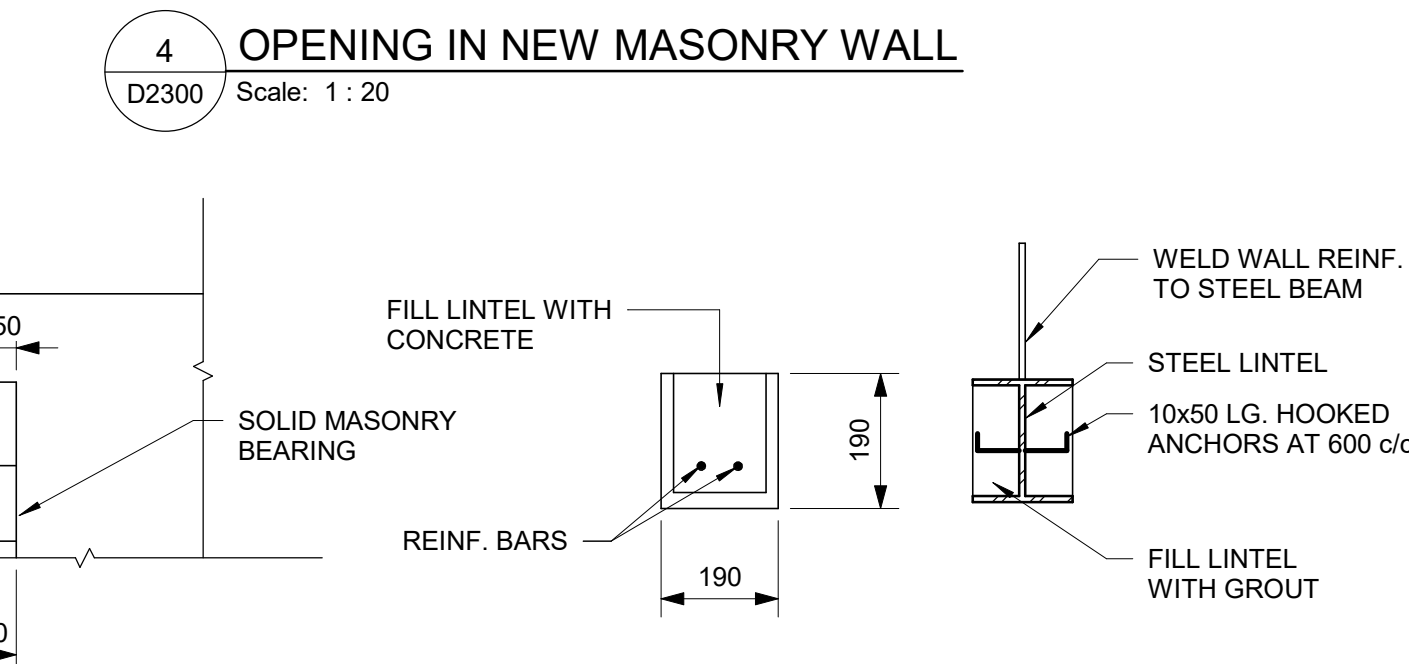
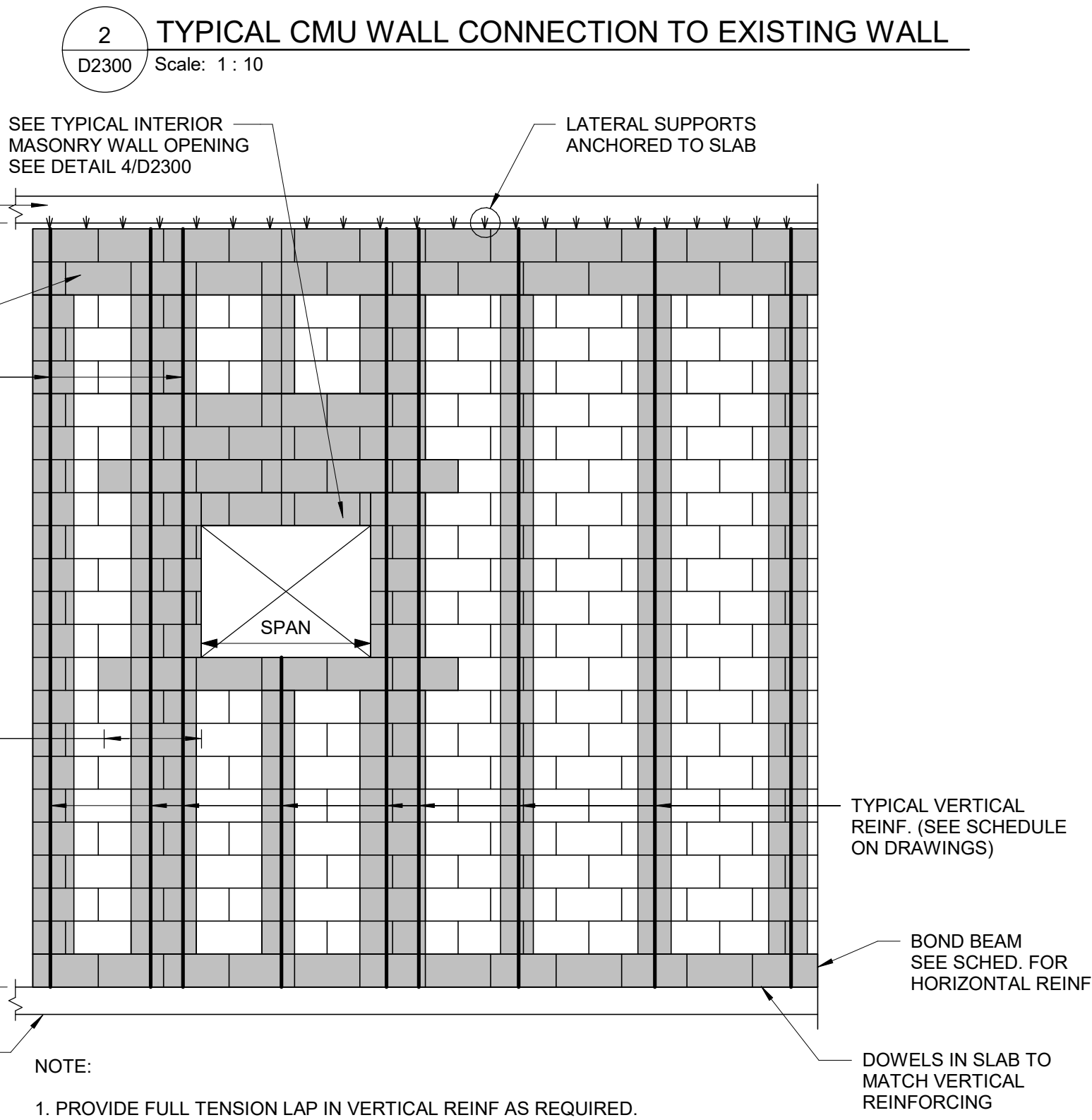
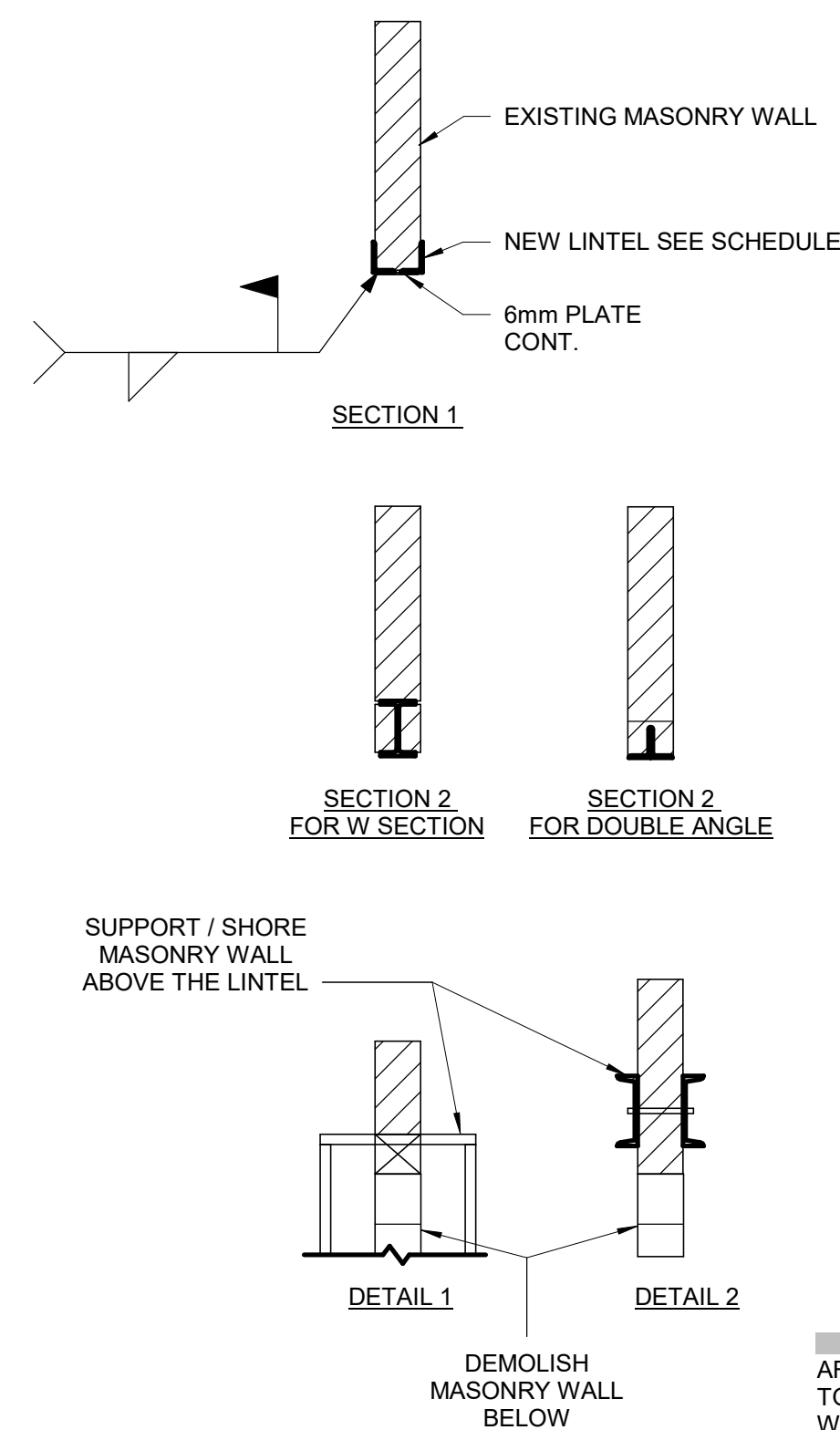
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
K. ANGER

SHEET TITLE
**STRUCTURAL STEEL
DETAILS - 2**

SHEET NUMBER
D2201

ISSUE
00



ISSUE
00