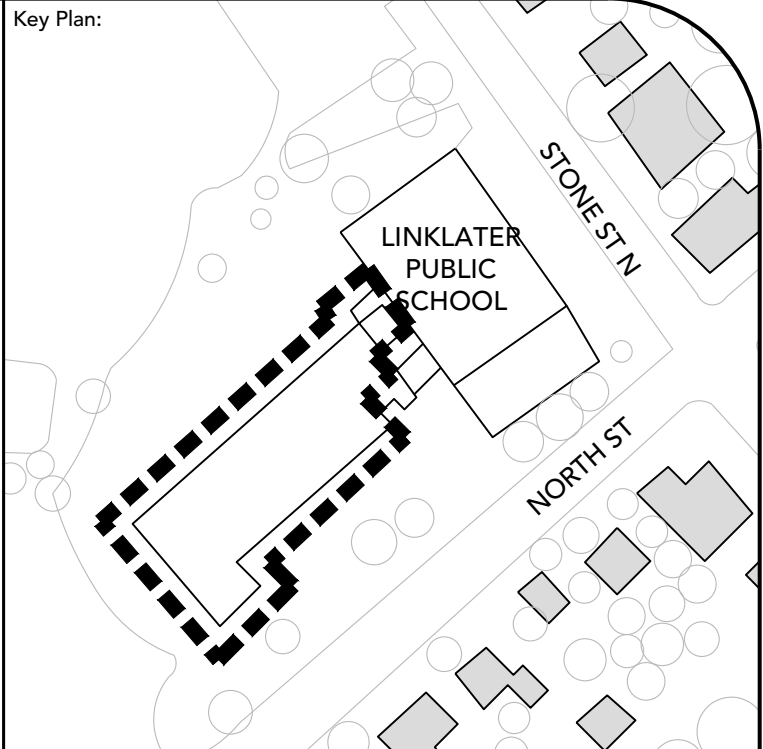
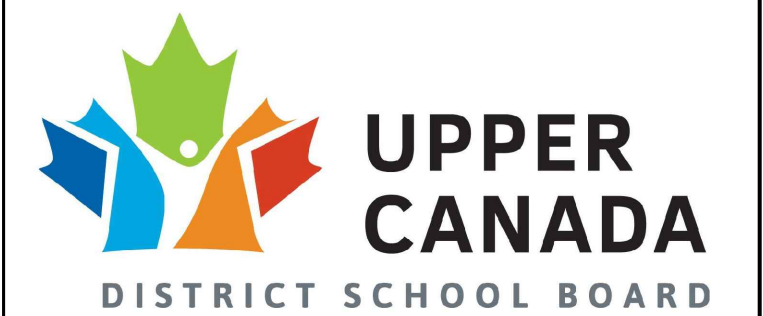


EXISTING ROOF PLAN  
1:100

LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EXISTING ROOF SYSTEM TO REMAIN EXCEPT AS REQUIRED TO COMPLETE THE WORK		EXISTING ROOF DRAIN TO BE REMOVED AND REPLACED IN EXISTING LOCATION
	ROOF ID AND HEIGHT		EXISTING CURBED DUCT PENETRATION TO BE REMOVED IN ITS ENTIRETY
	EXISTING ROOF TOP UNIT TO BE REMOVED		EXISTING ROOF MOUNTED GUARD TO BE REMOVED, REFINISHED AND REINSTALLED
	EXISTING PLUMBING VENT TO REMAIN		EXISTING ROOF ACCESS LADDER TO BE REMOVED AND REPLACED
	EXISTING BUILT-IN CURB TO BE REMOVED		



- Notes:
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  - NOTIFY CONSULTANT IMMEDIATELY OF ANY DEVIATIONS FROM ASSUMED EXISTING CONDITIONS AS THEY ARE ENCOUNTERED ON SITE.
  - TEMPORARILY REMOVE AND SUPPORT ELECTRICAL BOXES AND CONDUITS RUNNING ALONG PARAPETS AND ON ROOF SURFACES. REINSTATE UPON COMPLETION AND RE-SECURE AS REQUIRED.
  - DRAWINGS ARE NOT TO BE SCALED.
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3	2023-04-18	FOR TENDER
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1	2023-01-18	FOR 30% REVIEW
REV #	DATE	DESCRIPTION

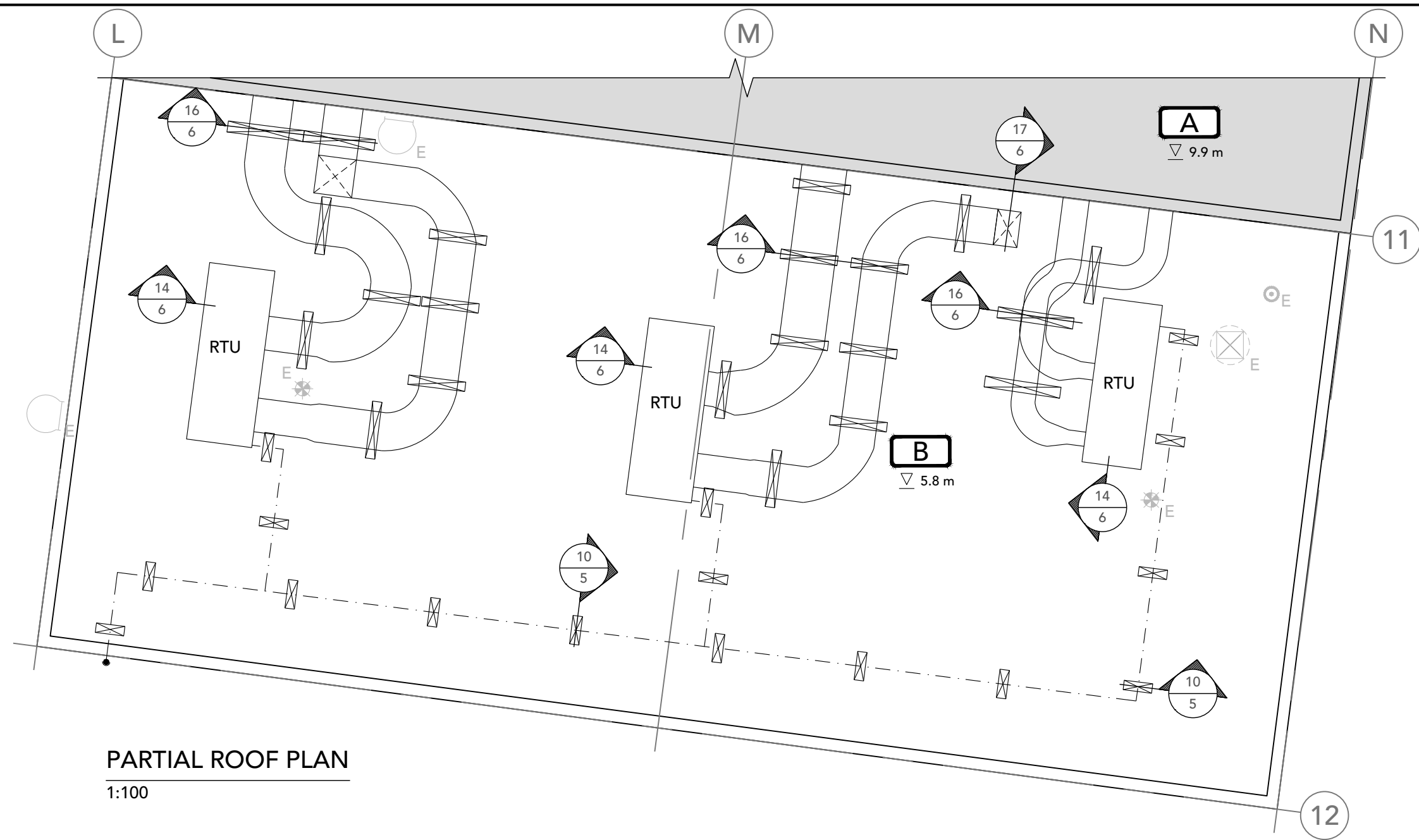
Client: SHOALTS AND ZABACK ARCHITECTS LTD.  
UPPER CANADA DISTRICT SCHOOL BOARD

Project: UCDSB LINKLATER PUBLIC SCHOOL, ROOF REPLACEMENT

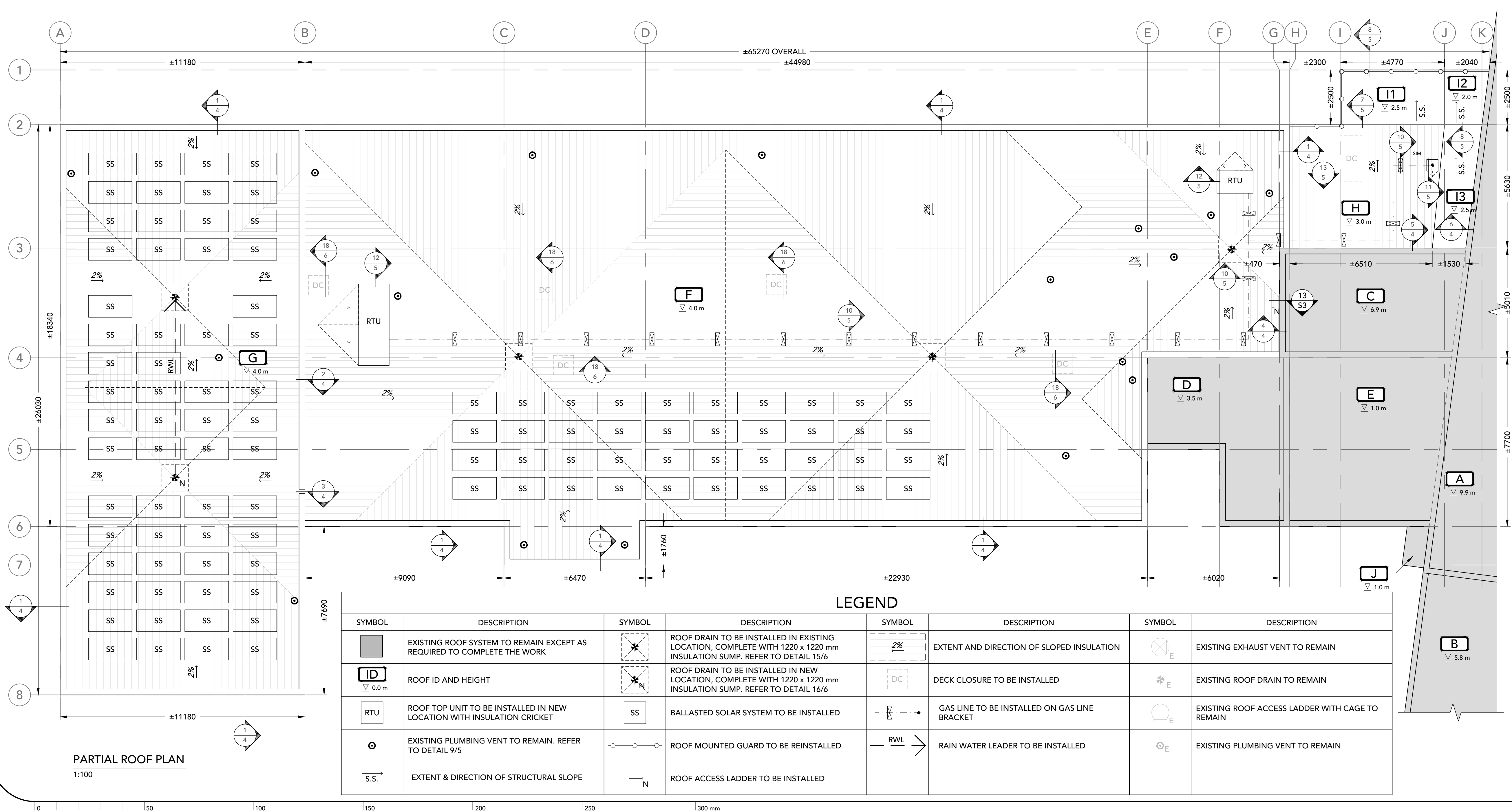
Project #: FSA Project #: 22314DK

EXISTING ROOF PLAN











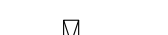







Address of Project:	Scale: 1:100	Page Number:
300 Stone St N, Gananoque, Ontario K7G 1Y8	Drw.: RRC Dgn.: DJA Chk.: DJA	1
Date: 2023-01-18	22314DK-1.dwg	



PARTIAL ROOF PLAN  
1:100



PARTIAL ROOF PLAN  
1:100

LEGEND							
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EXISTING ROOF SYSTEM TO REMAIN EXCEPT AS REQUIRED TO COMPLETE THE WORK		ROOF DRAIN TO BE INSTALLED IN EXISTING LOCATION, COMPLETE WITH 1220 x 1220 mm INSULATION SUMP. REFER TO DETAIL 15/6		EXTENT AND DIRECTION OF SLOPED INSULATION		EXISTING EXHAUST VENT TO REMAIN
	ROOF ID AND HEIGHT		ROOF DRAIN TO BE INSTALLED IN NEW LOCATION, COMPLETE WITH 1220 x 1220 mm INSULATION SUMP. REFER TO DETAIL 16/6		DECK CLOSURE TO BE INSTALLED		EXISTING ROOF DRAIN TO REMAIN
	ROOF TOP UNIT TO BE INSTALLED IN NEW LOCATION WITH INSULATION CRICKET		BALLASTED SOLAR SYSTEM TO BE INSTALLED		GAS LINE TO BE INSTALLED ON GAS LINE BRACKET		EXISTING ROOF ACCESS LADDER WITH CAGE TO REMAIN
	EXISTING PLUMBING VENT TO REMAIN. REFER TO DETAIL 9/5		ROOF MOUNTED GUARD TO BE REINSTALLED		RAIN WATER LEADER TO BE INSTALLED		EXISTING PLUMBING VENT TO REMAIN
	EXTENT & DIRECTION OF STRUCTURAL SLOPE		ROOF ACCESS LADDER TO BE INSTALLED				

- Key Plan:
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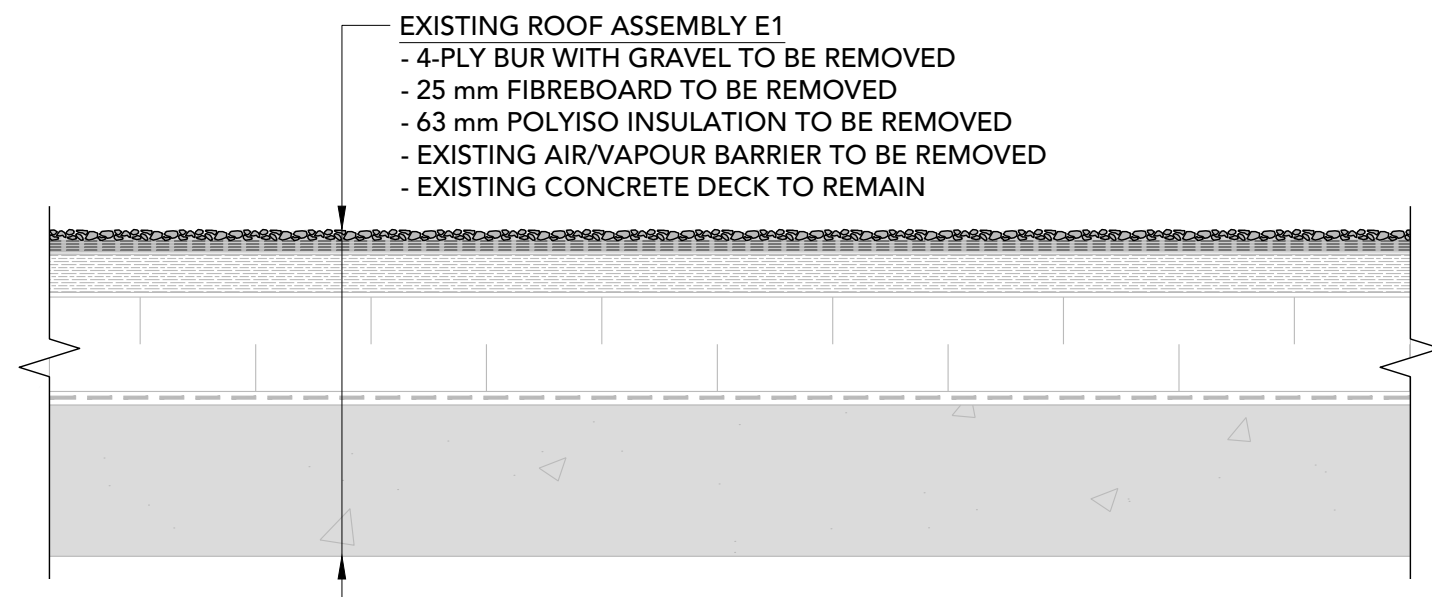
UPPER CANADA DISTRICT SCHOOL BOARD

Fishburn Sheridan Kingston Inc.

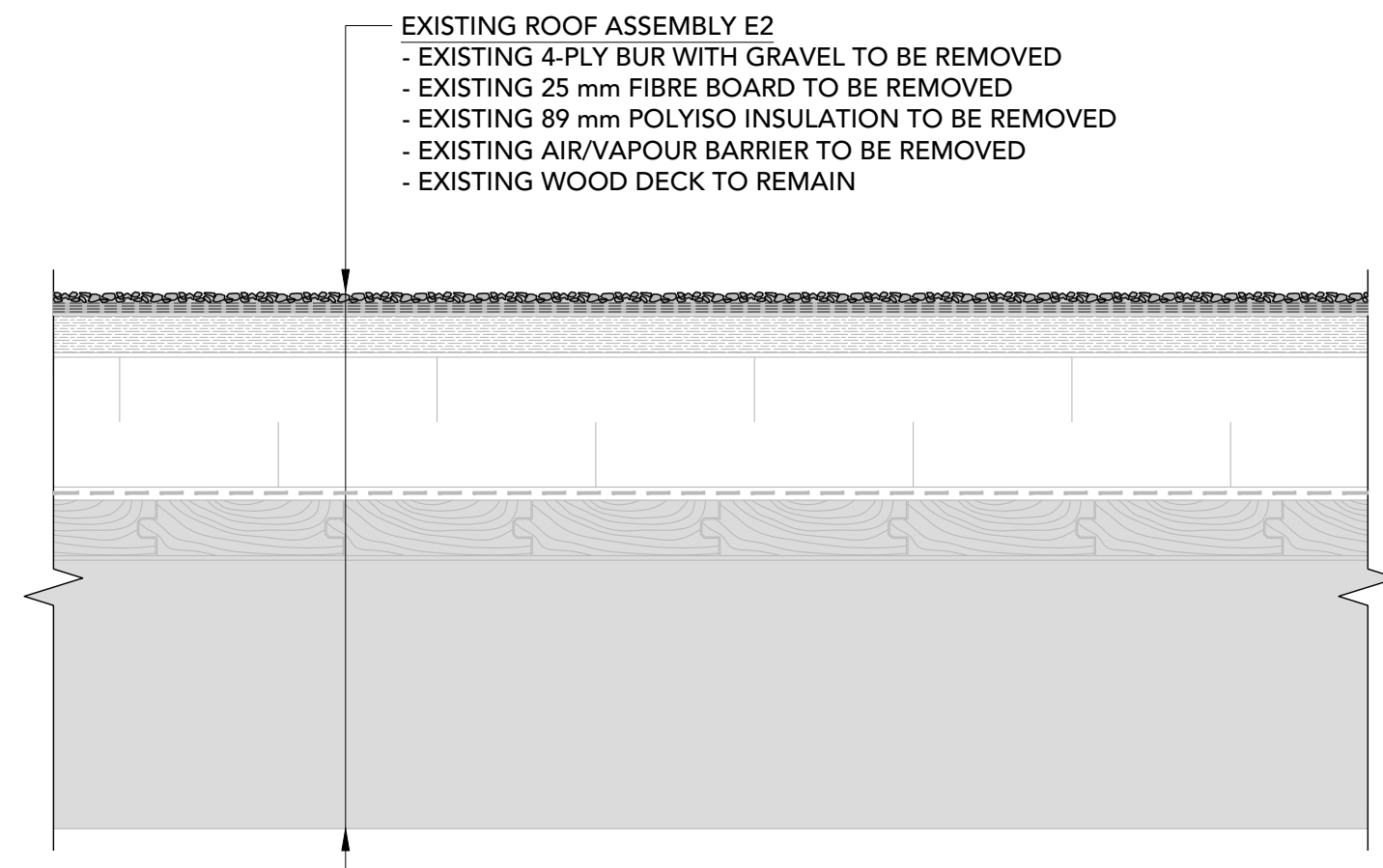
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Project:	UCDSB LINKLATER PUBLIC SCHOOL, ROOF REPLACEMENT	
Project #:	FSA Project #: 22314DK	
Title:	PARTIAL ROOF PLANS	
Address of Project:	Scale: 1:100	Page Number:
300 Stone St N, Gananoque, Ontario K7G 1Y8	Drawn: RRC Dgn: DJA Chk: DJA	2
Date: 2023-01-18	22314DK-1.dwg	

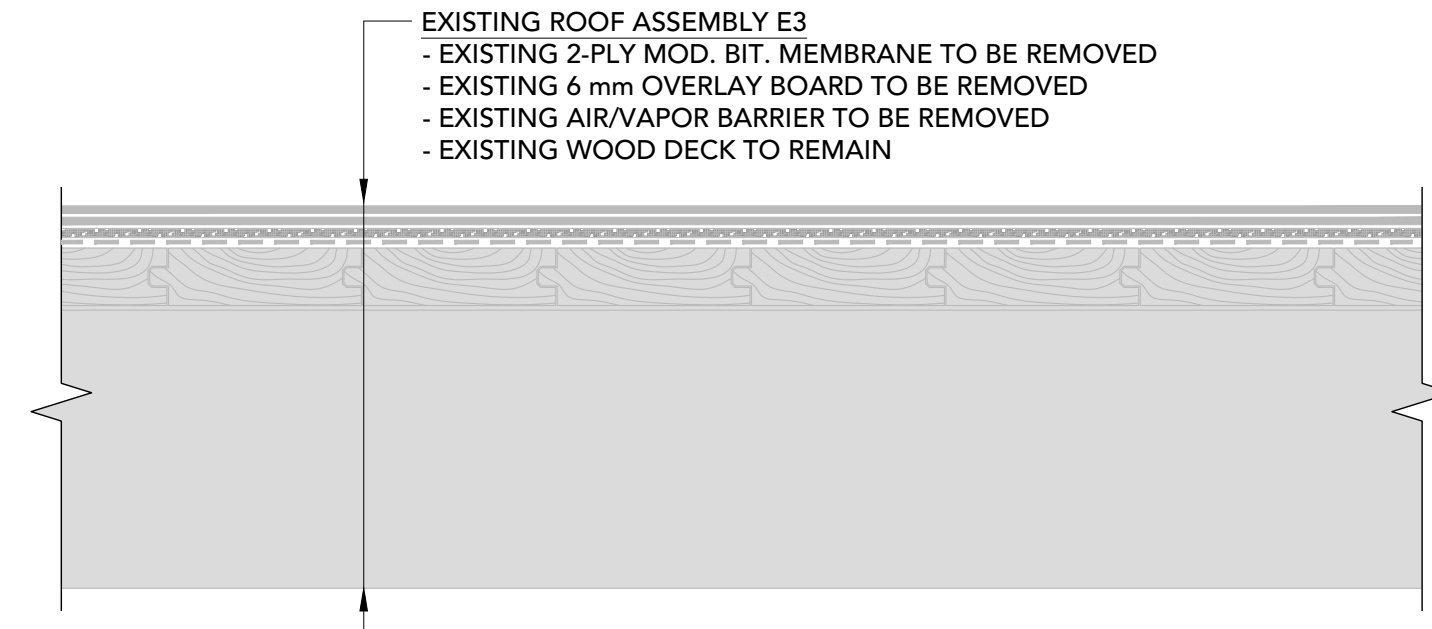




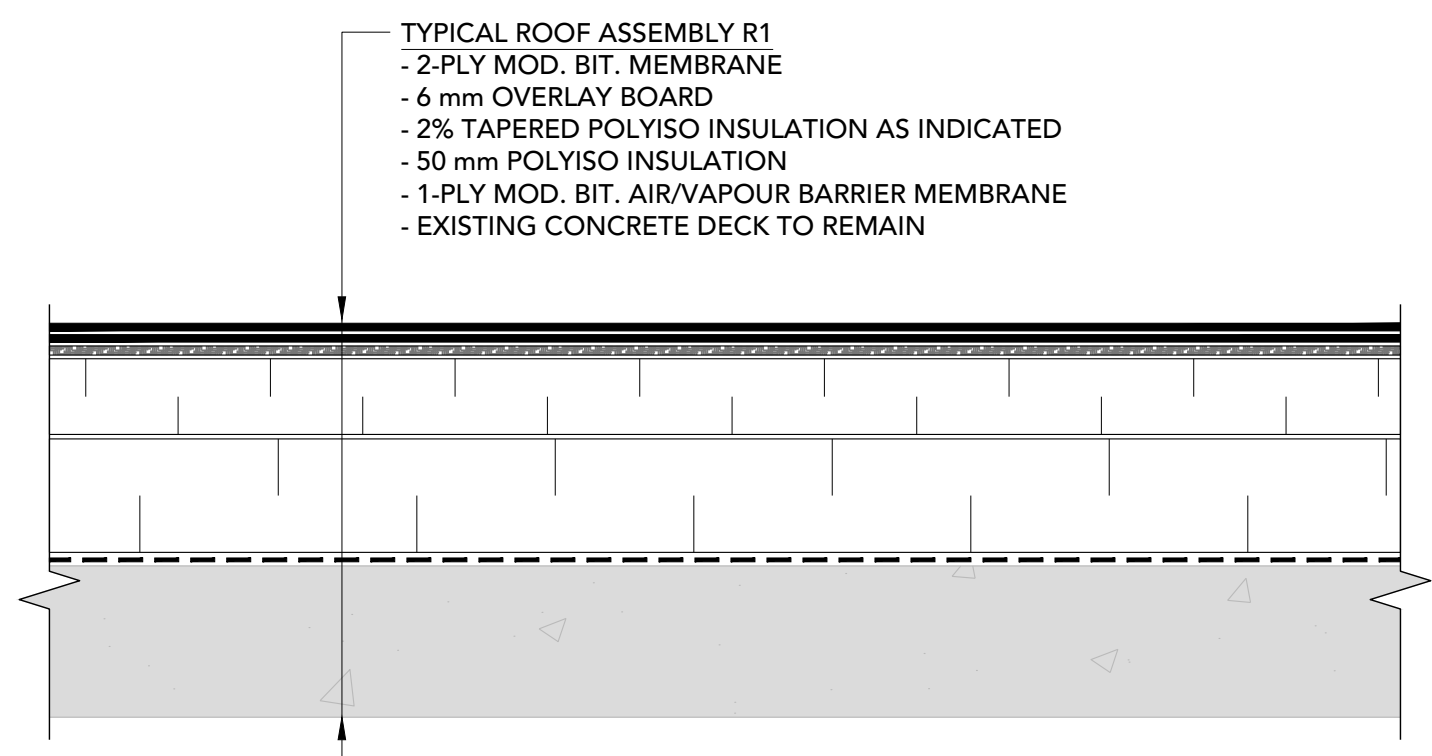
**E1**  
3  
1:5  
EXISTING ROOF ASSEMBLY E1  
ROOF AREAS F & G



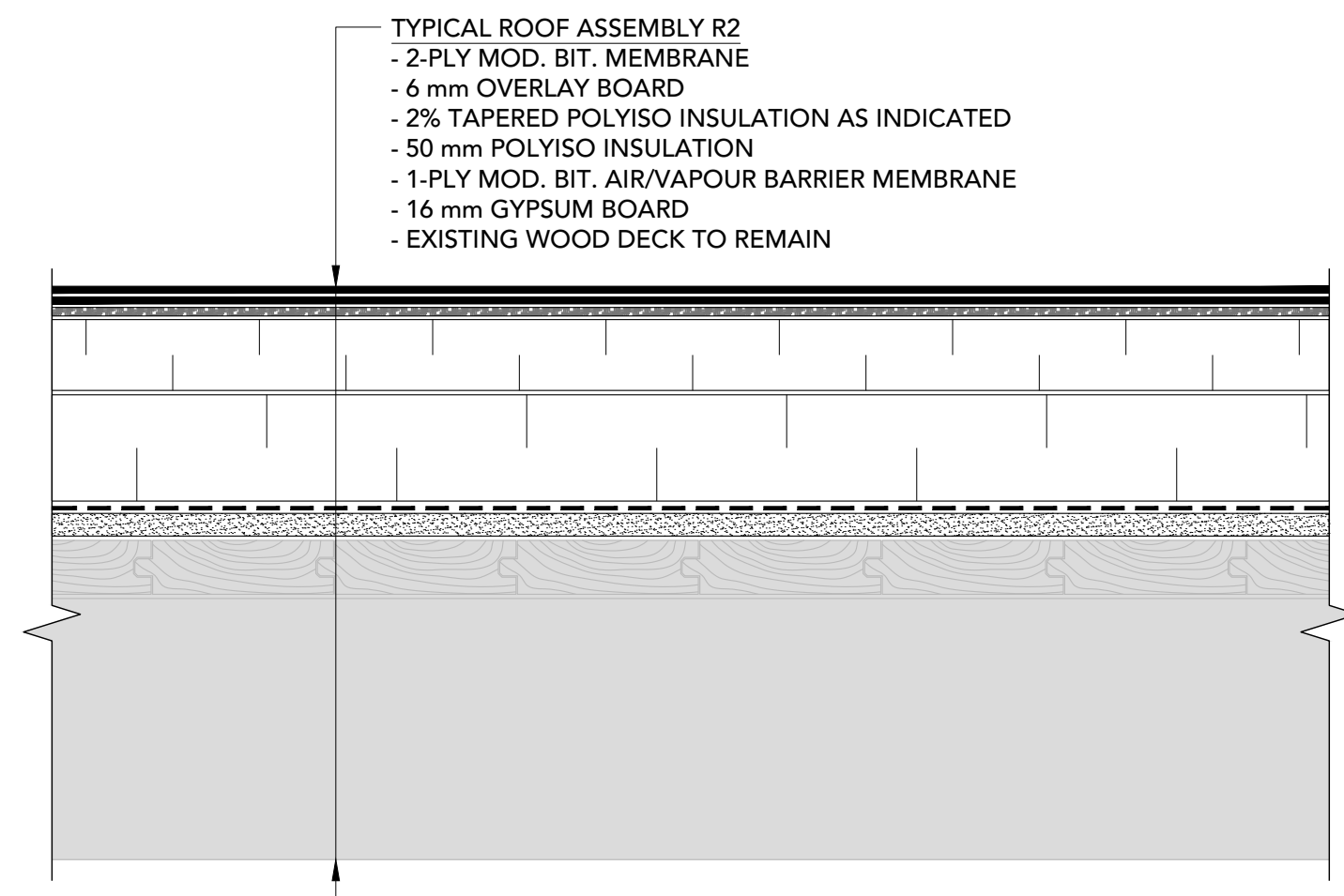
**E2**  
3  
1:5  
EXISTING ROOF ASSEMBLY E2  
ROOF AREA H



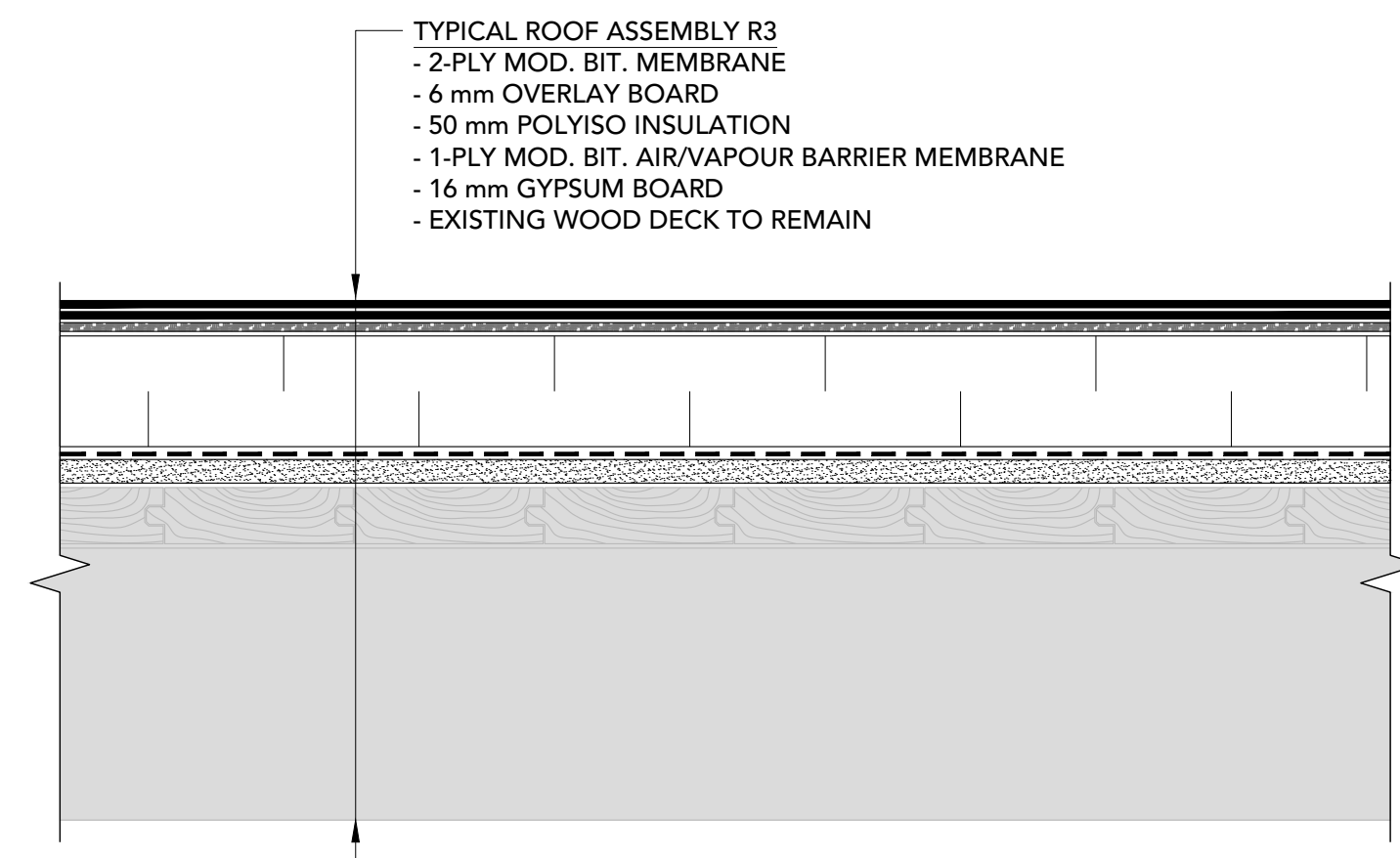
**E3**  
3  
1:5  
EXISTING ROOF ASSEMBLY E3  
ROOF AREAS I1, I2 & I3



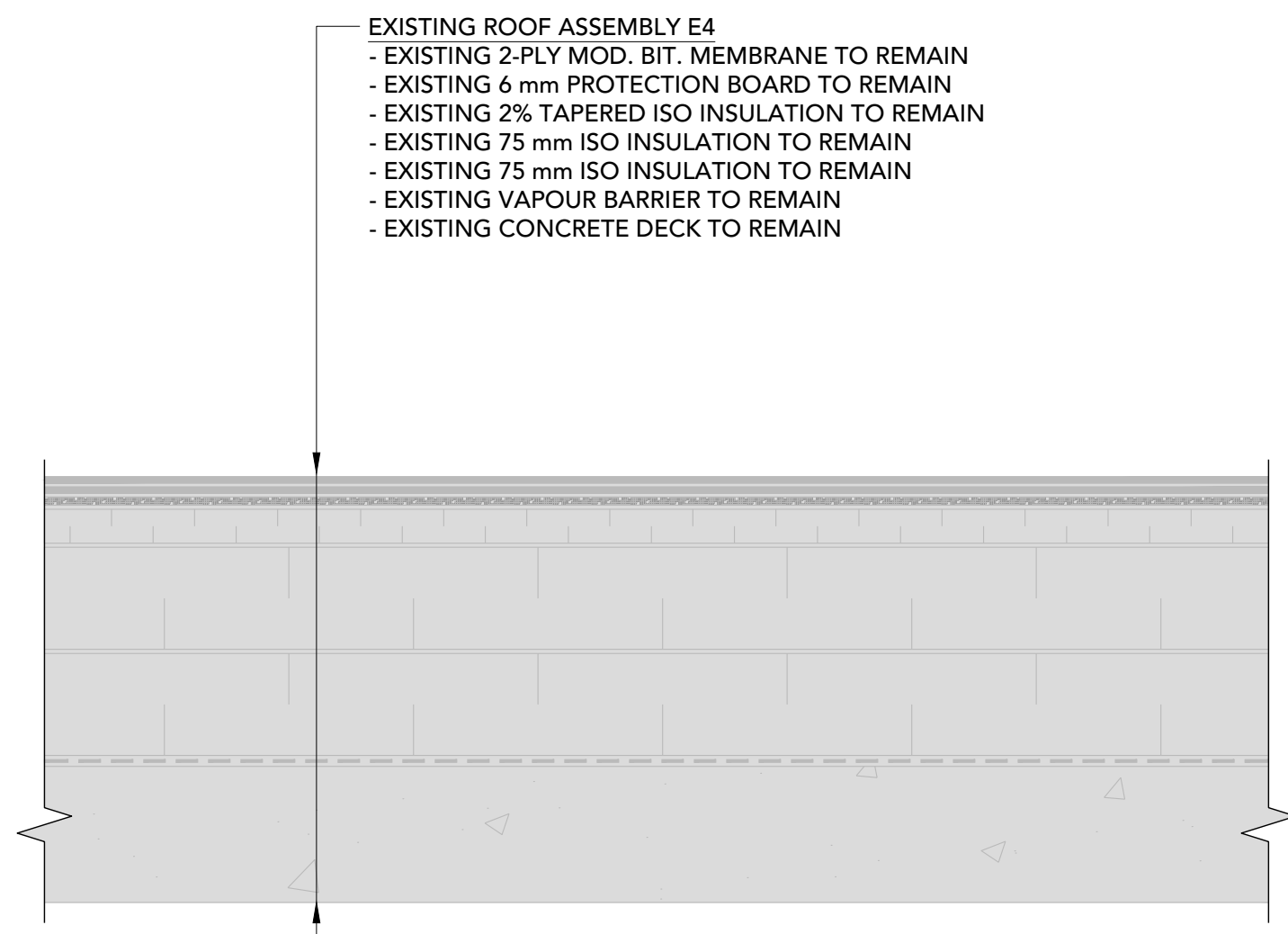
**R1**  
3  
1:5  
TYPICAL ROOF ASSEMBLY R1  
ROOF AREAS F & G



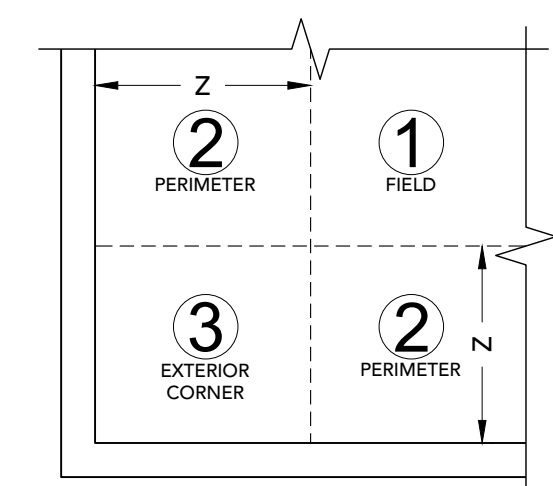
**R2**  
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1:5  
TYPICAL ROOF ASSEMBLY R2  
ROOF AREA H



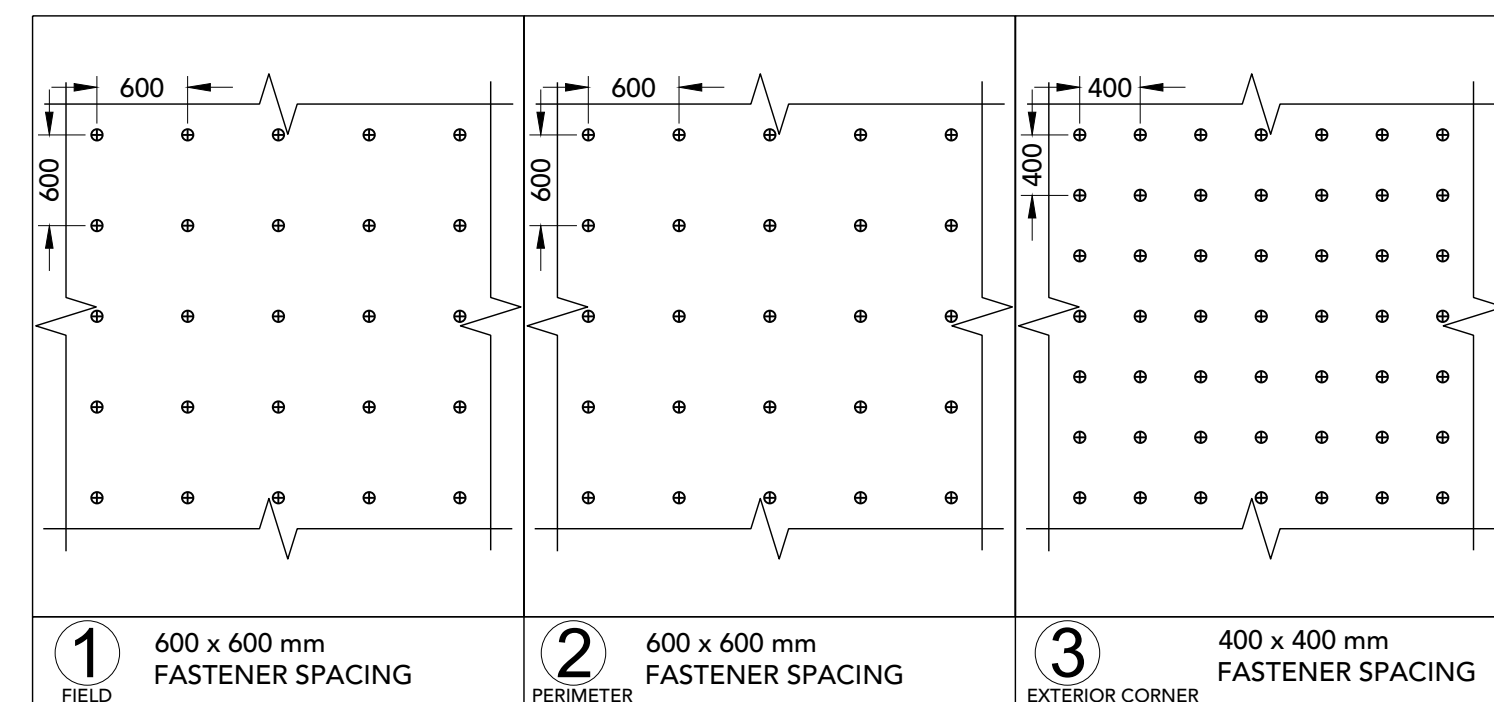
**R3**  
3  
1:5  
TYPICAL ROOF ASSEMBLY R3  
ROOF AREAS I1, I2 & I3



**E4**  
3  
1:5  
EXISTING ROOF ASSEMBLY E4  
ROOF AREA B



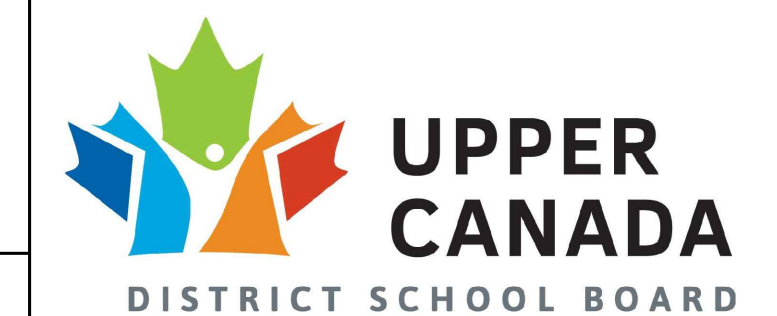
**WIND UPLIFT CALCULATIONS**  
NTS



WIND LOAD FACTORS	ROOF AREA					
	F	G	H	I1	I2	I3
L	45.0 m	26.0 m	7.1 m	4.8 m	2.5 m	5.6 m
W	20.1 m	11.2 m	5.6 m	2.5 m	2.0 m	2.3 m
h	4.0 m	4.0 m	4.0 m	2.5 m	2.0 m	2.5 m
z	1.6 m	1.1 m	1.0 m	1.0 m	1.0 m	1.0 m
C <sub>e</sub>	0.71	0.71	0.71	0.71	0.71	0.71
C <sub>p</sub> C <sub>g</sub> (P1)	-1.76	-1.76	-1.76	-1.76	-1.76	-1.76
C <sub>p</sub> C <sub>g</sub> (P2)	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50
C <sub>p</sub> C <sub>g</sub> (P3)	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12
C <sub>pe</sub> C <sub>gi</sub>	-0.90	-0.90	-0.90	-0.90	-0.90	-0.90
I <sub>w</sub>	1.15	1.15	1.15	1.15	1.15	1.15
q	0.47 kPa	0.47 kPa	0.47 kPa	0.47 kPa	0.47 kPa	0.47 kPa
P <sub>1</sub>	-1.43 kPa	-1.43 kPa	-1.43 kPa	-1.43 kPa	-1.43 kPa	-1.43 kPa
P <sub>2</sub>	-1.83 kPa	-1.83 kPa	-1.83 kPa	-1.83 kPa	-1.83 kPa	-1.83 kPa
P <sub>3</sub>	-3.24 kPa	-3.24 kPa	-3.24 kPa	-3.24 kPa	-3.24 kPa	-3.24 kPa

Key Plan:

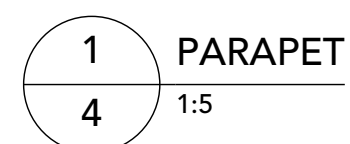
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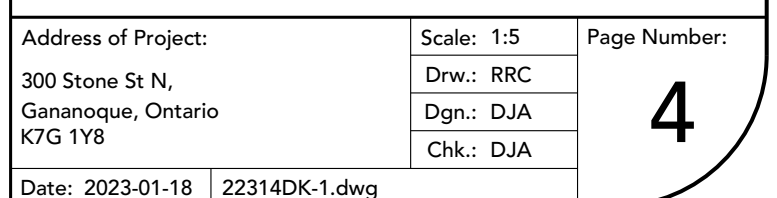
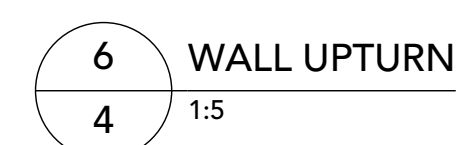
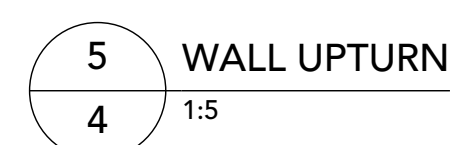
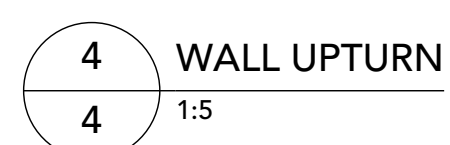
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Project: UCDSB LINKLATER PUBLIC SCHOOL, ROOF REPLACEMENT		
Project #:		FSA Project #: 22314DK
Title: DETAILS		

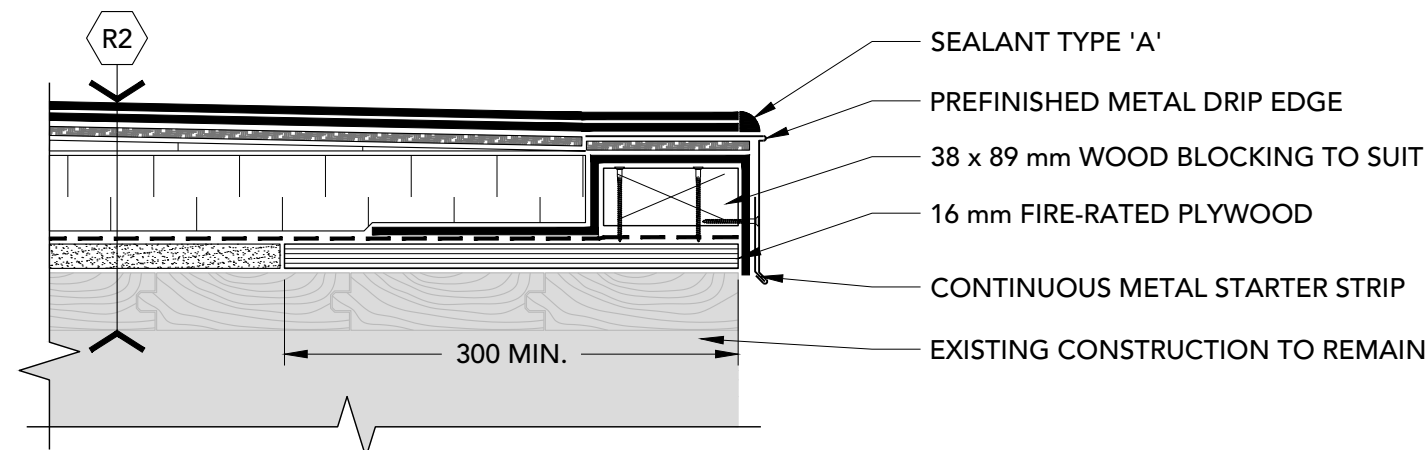
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Date: 2023-01-18   22314DK-1.dwg		



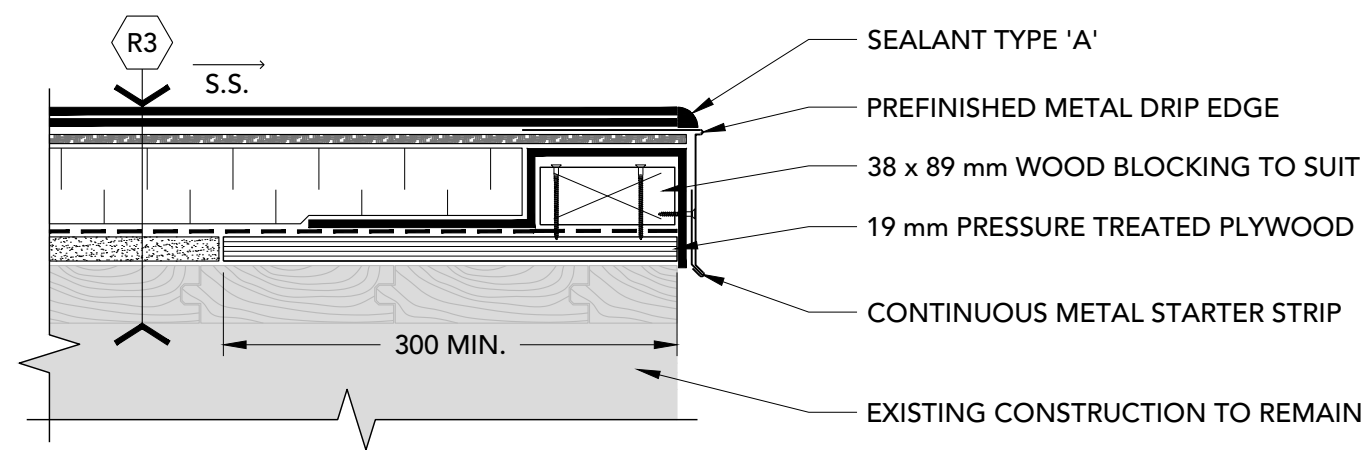
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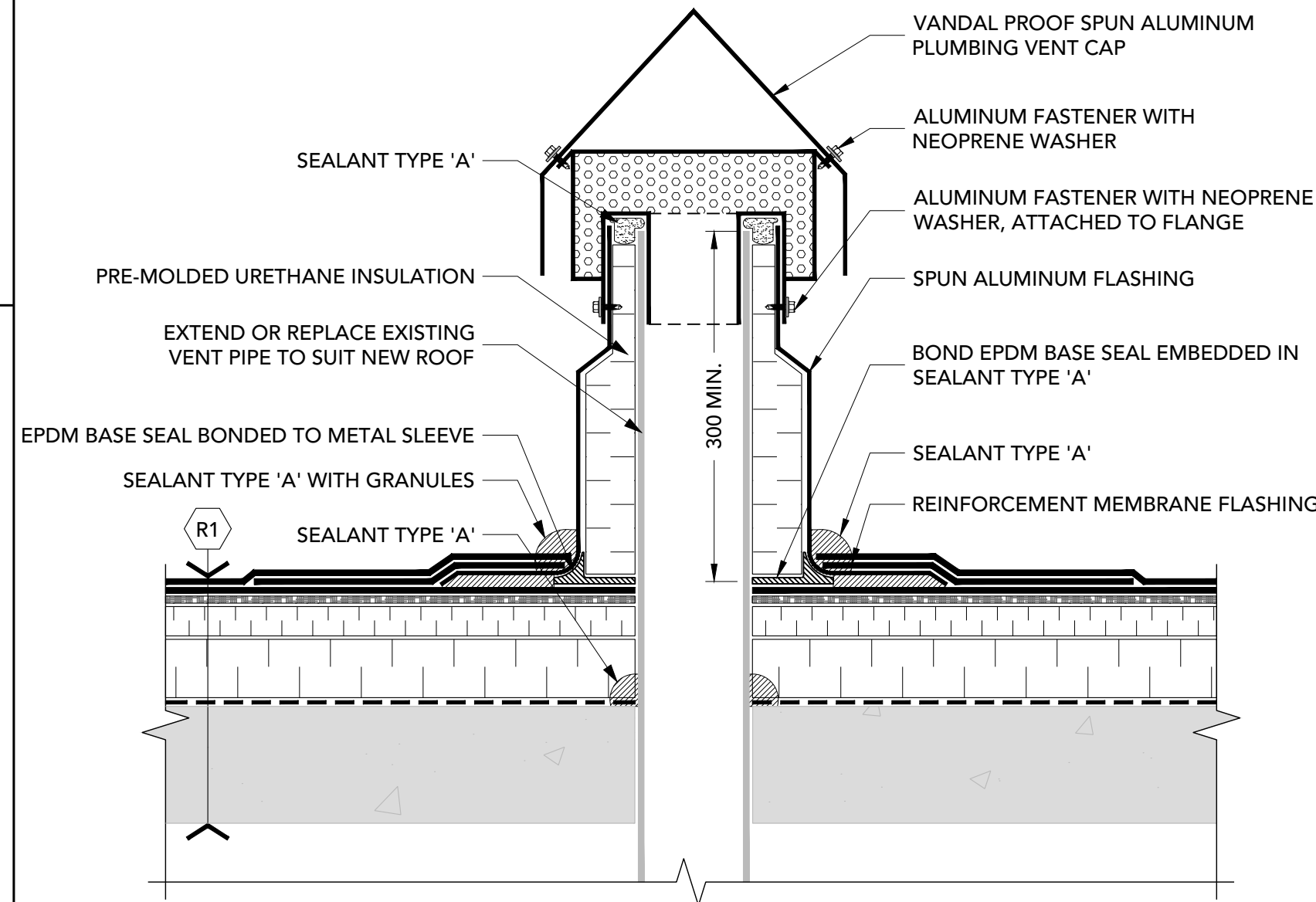




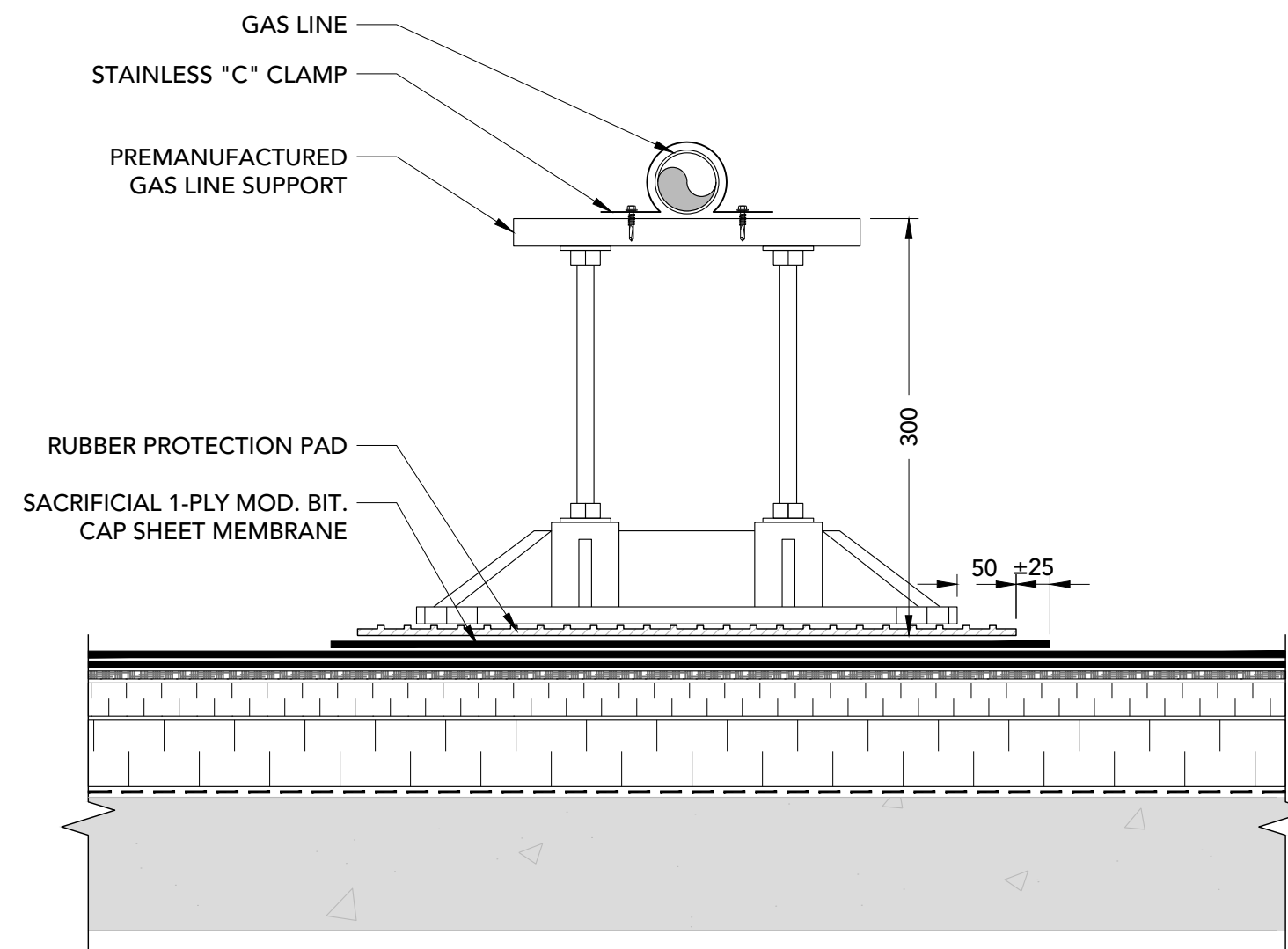
7 DRIP EDGE  
5 1:5



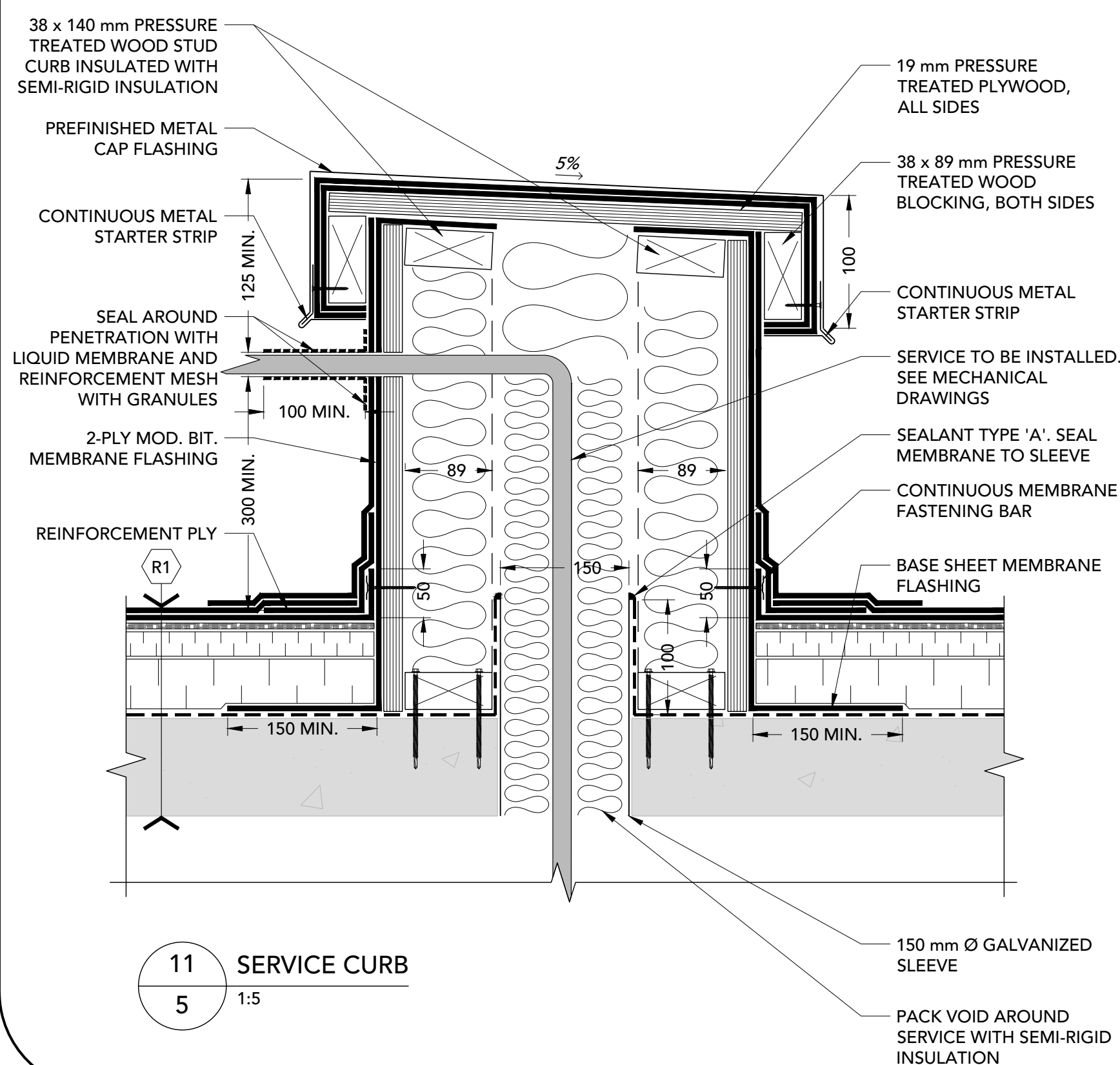
8 DRIP EDGE  
5 1:5



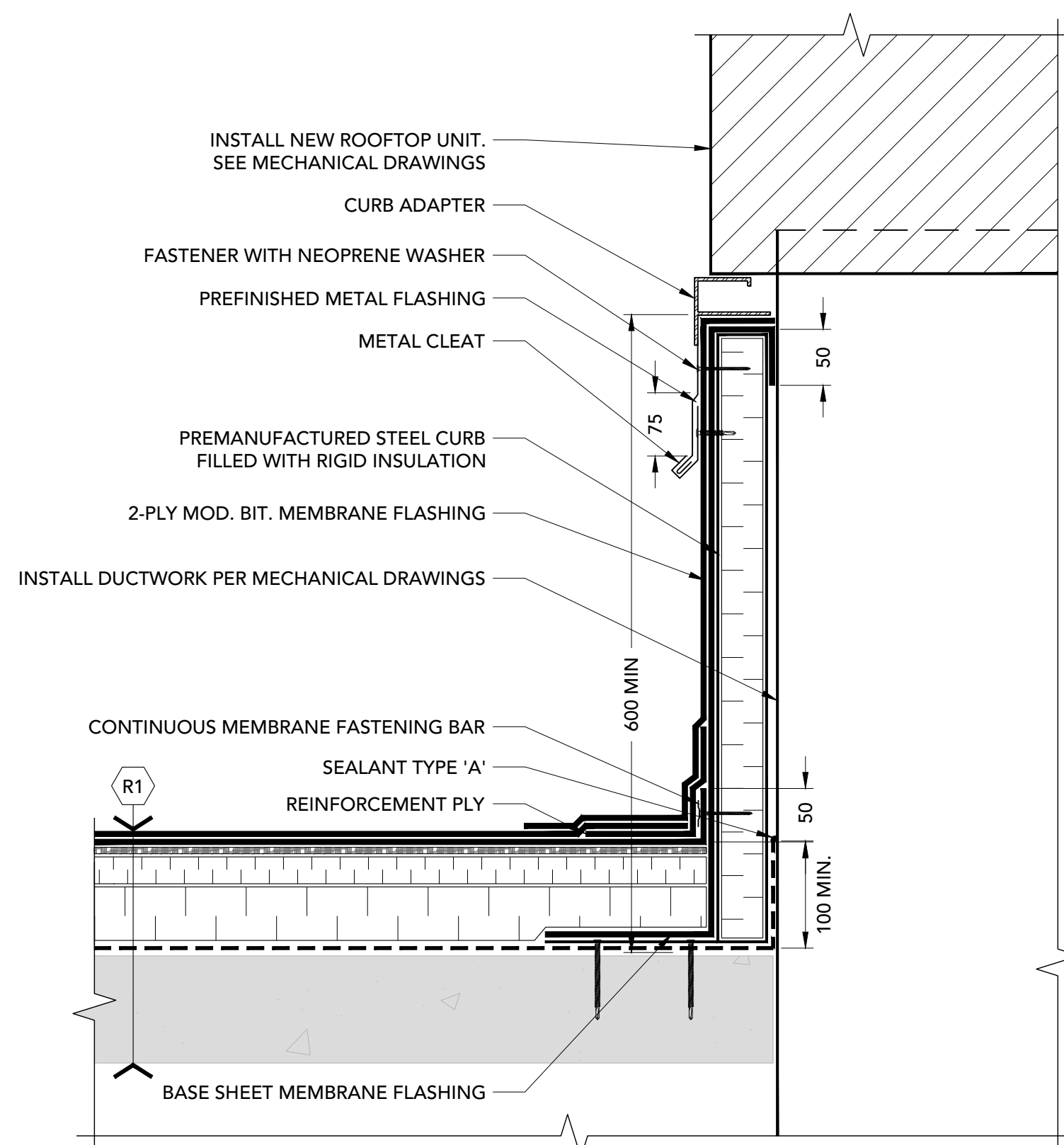
9 PLUMBING VENT  
5 1:5



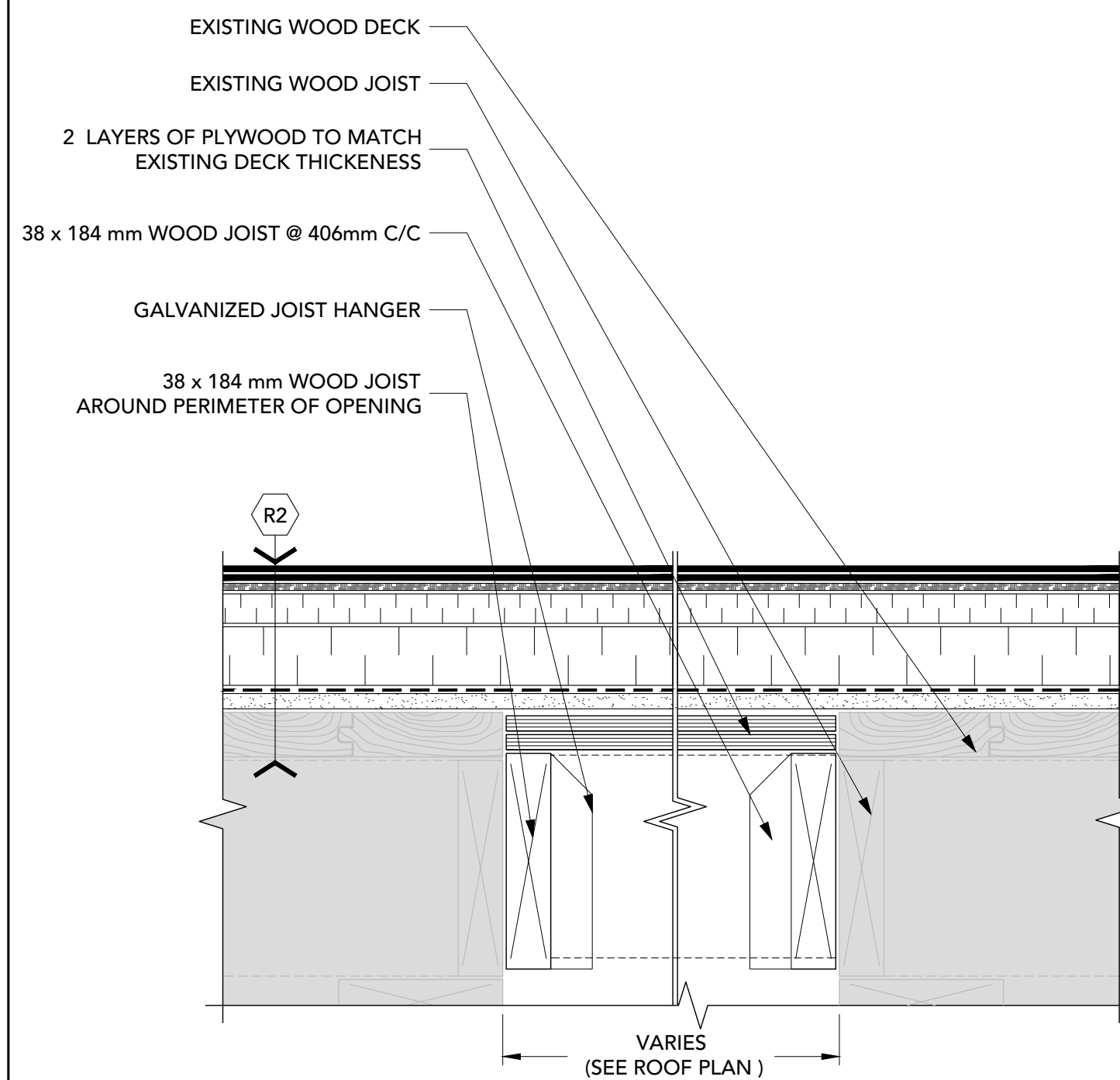
10 GAS LINE SUPPORT - TYPICAL MOD. BIT. ROOF ASSEMBLY  
5 1:5



11 SERVICE CURB  
5 1:5



12 ROOF TOP UNIT CURB  
5 1:5  
ROOF AREAS F & G

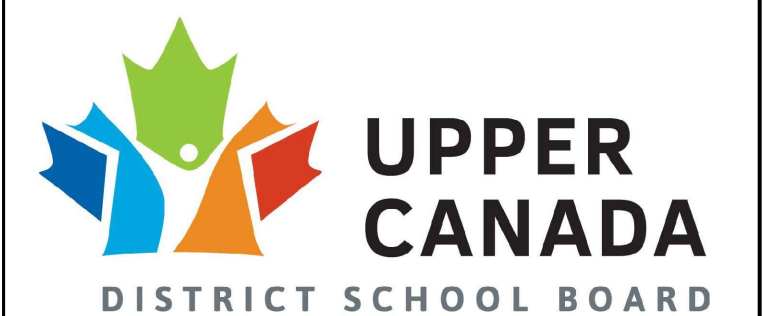


13 WOOD DECK CLOSURE - EXISTING WOOD DECK  
5 1:5

Key Plan:

Notes:

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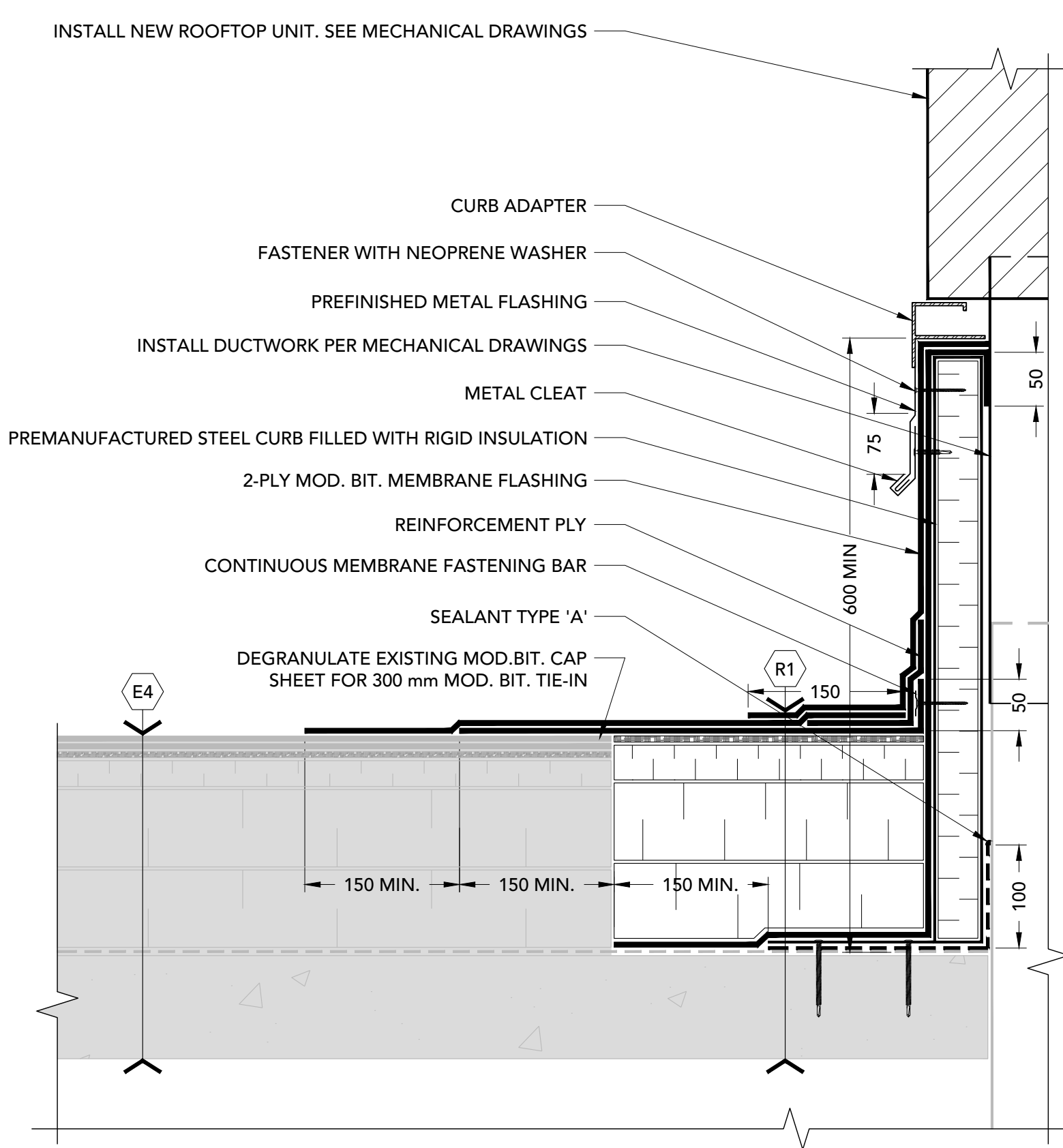


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Project #: FSA Project #: 22314DK		
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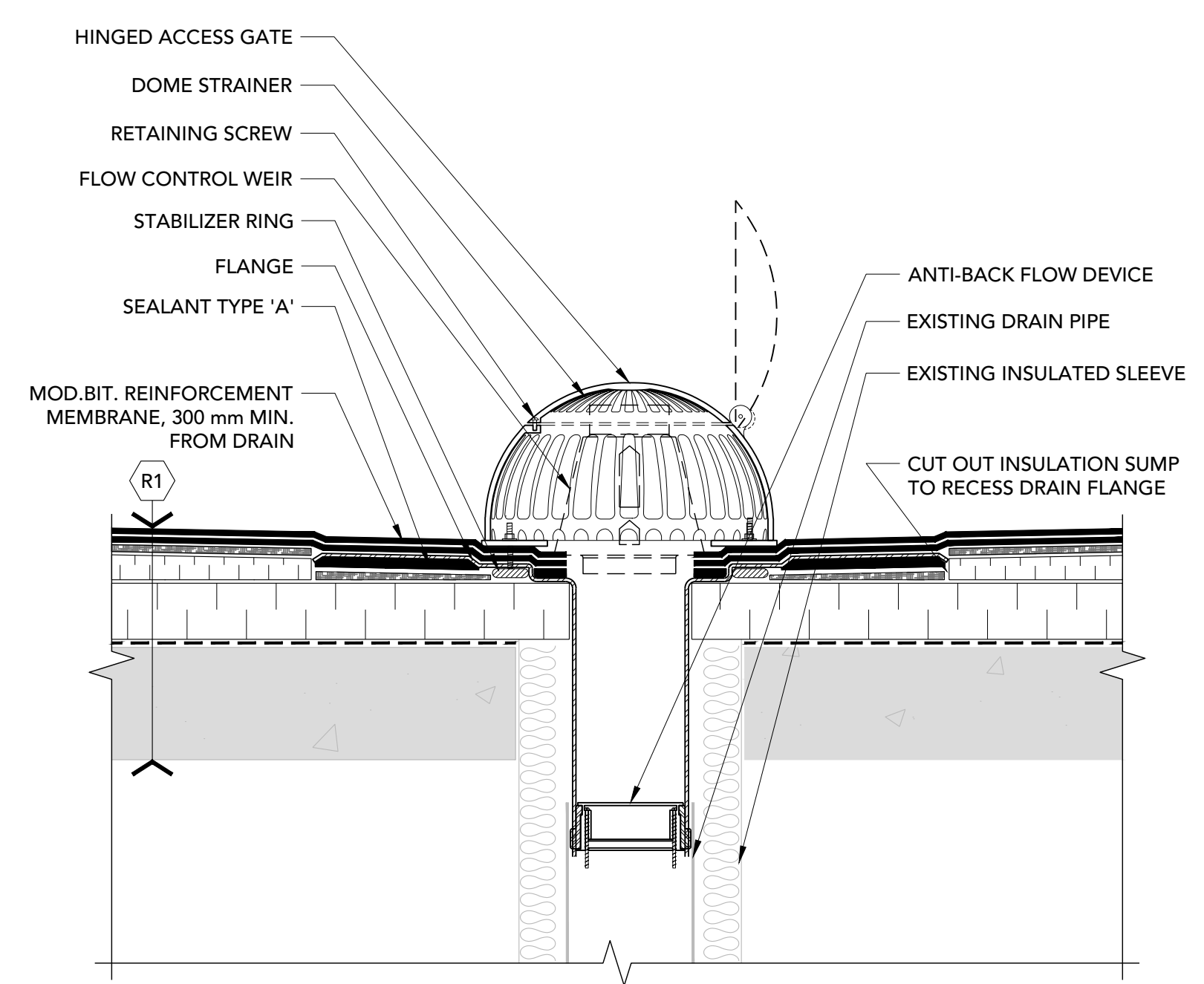
Address of Project: 300 Stone St N, Gananoque, Ontario K7G 1Y8	Scale: 1:5 Draw.: RRC Dgn.: DJA Chk.: DJA	Page Number: <b>5</b>
Date: 2023-01-18   22314DK-1.dwg		



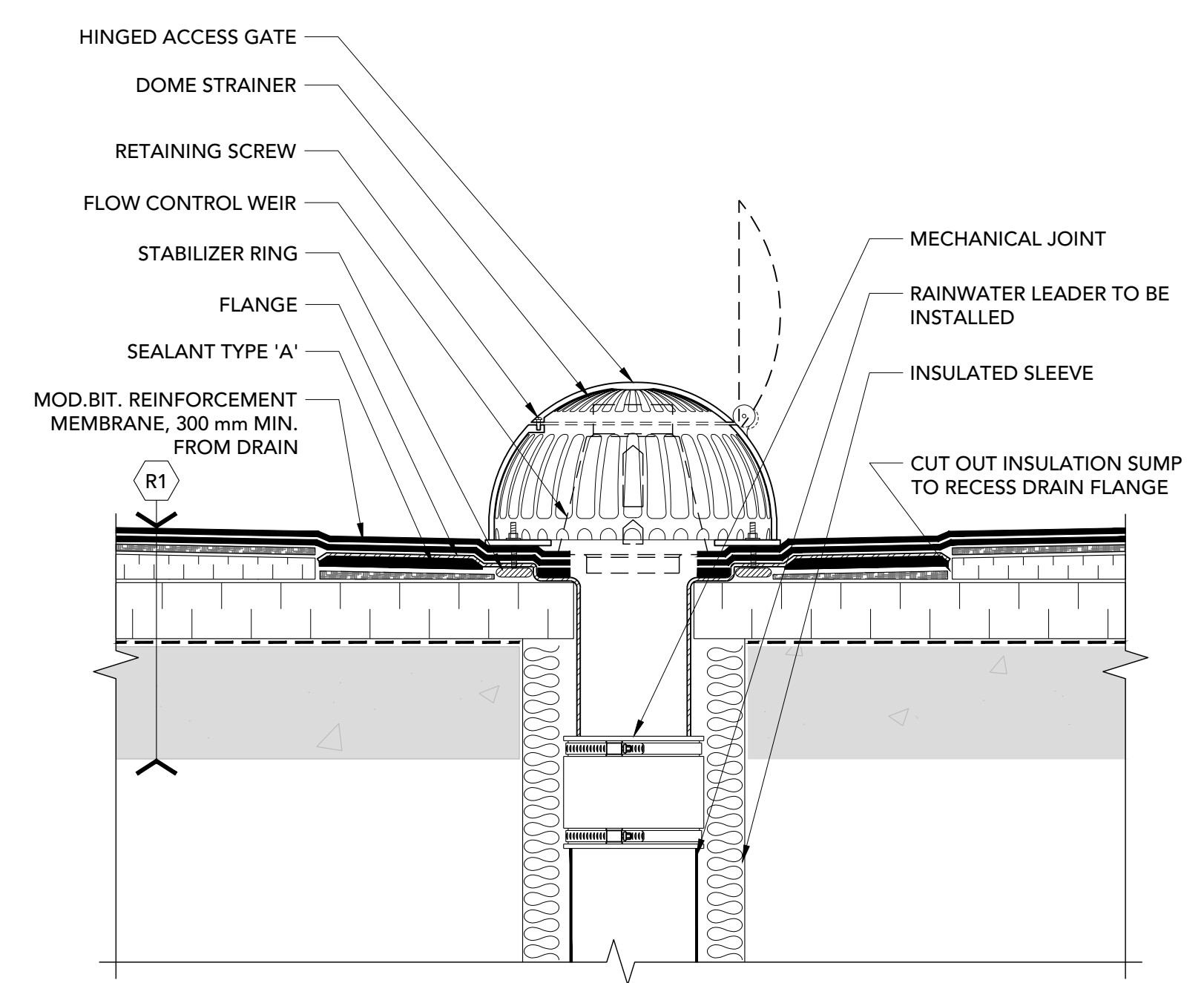


14 ROOF TOP UNIT CURB  
6 1:5  
ROOF AREA B

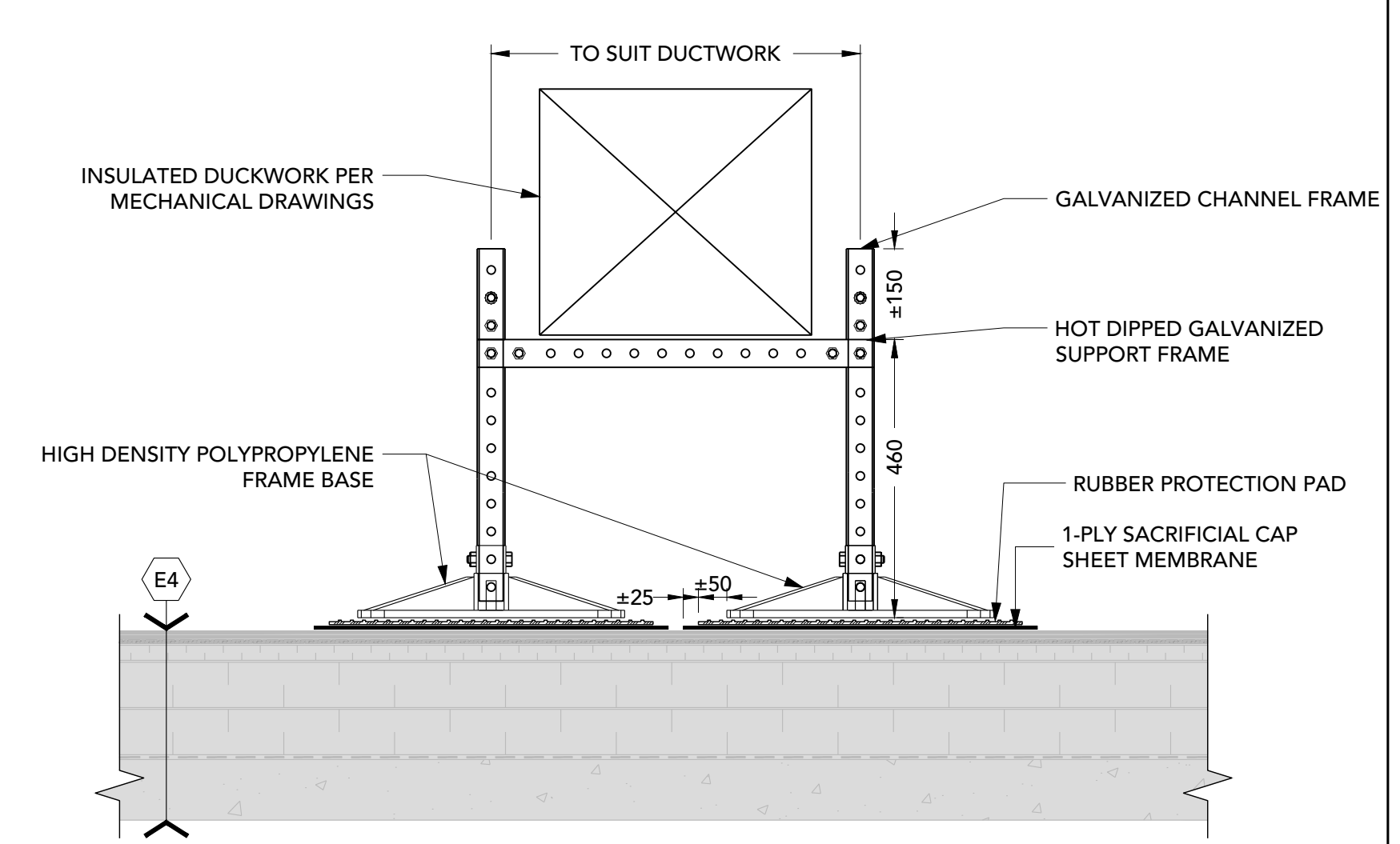
NOTE: REMOVE EXISTING ROOF ASSEMBLY MINIMUM 300 mm BEYOND EDGE OF ROOFTOP UNIT CURB. RETAIN EXISTING AIR/VAPOUR BARRIER



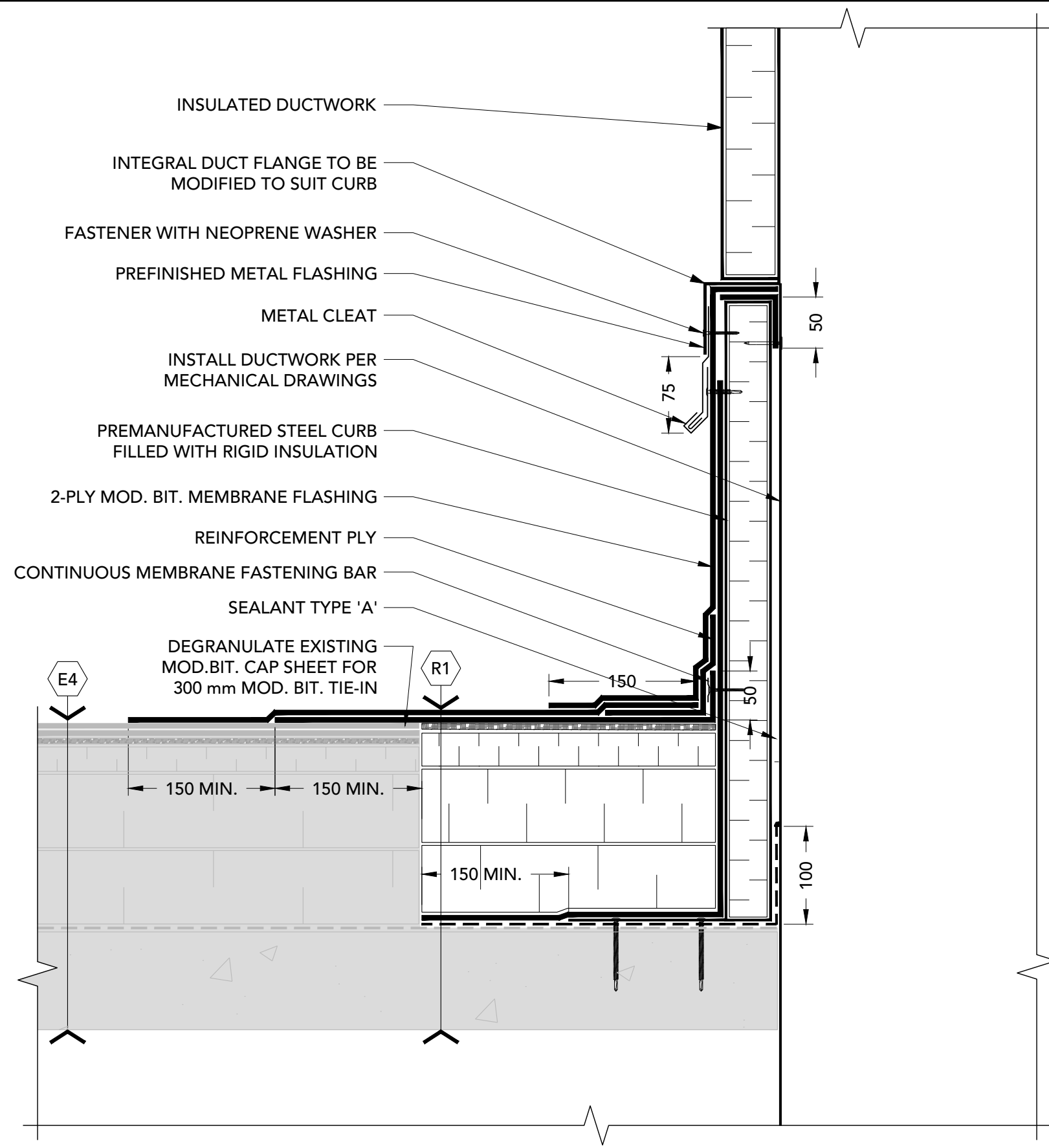
15 ROOF DRAIN IN EXISTING LOCATION  
6 1:5



16 ROOF DRAIN IN NEW LOCATION  
6 1:5

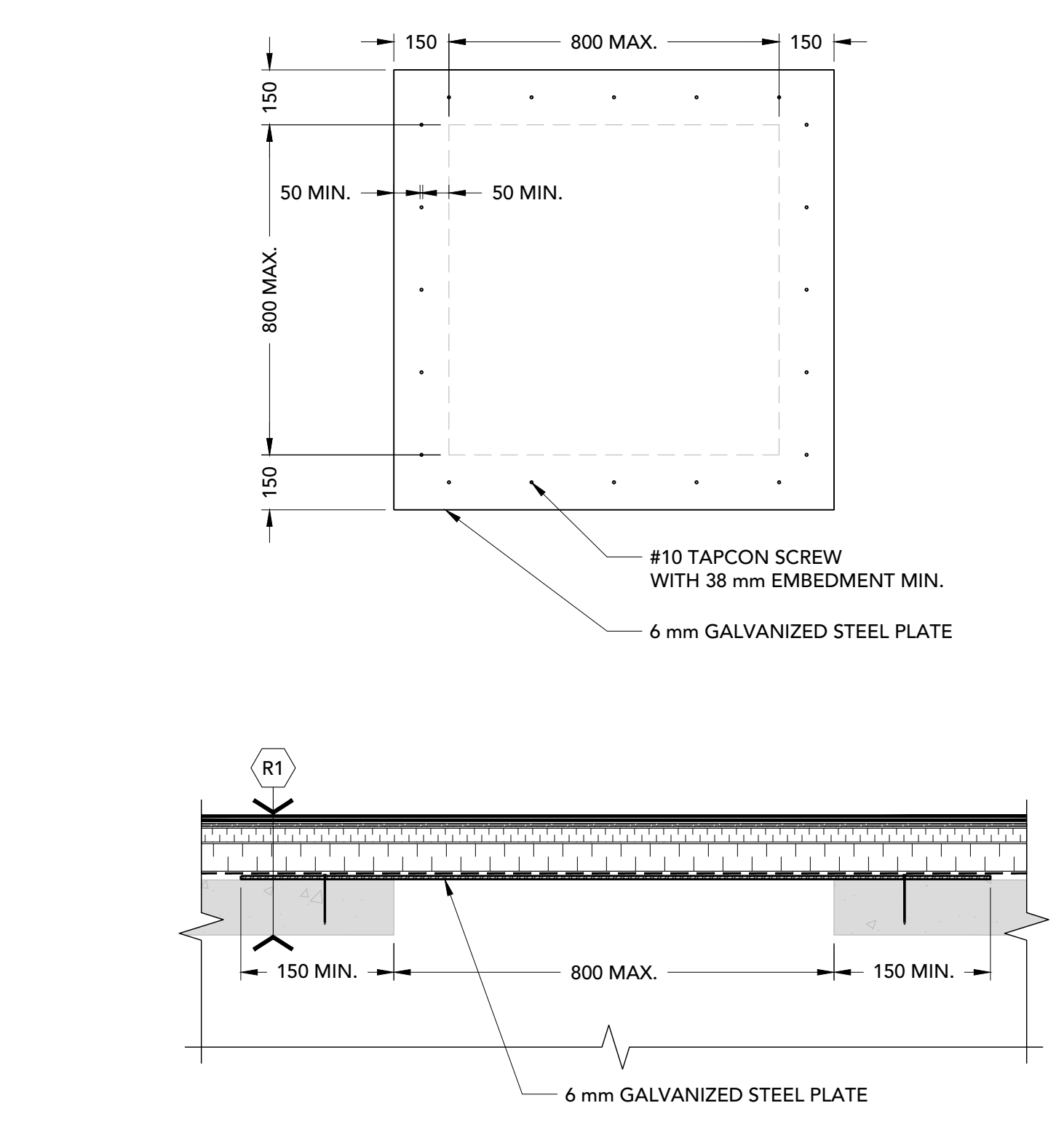


16 SUSPENDED DUCTWORK SUPPORT  
6 1:10



17 DUCT PENETRATION  
6 1:5

NOTE: REMOVE EXISTING ROOF ASSEMBLY MINIMUM 300 mm BEYOND EDGE OF ROOFTOP UNIT CURB. RETAIN EXISTING AIR/VAPOUR BARRIER

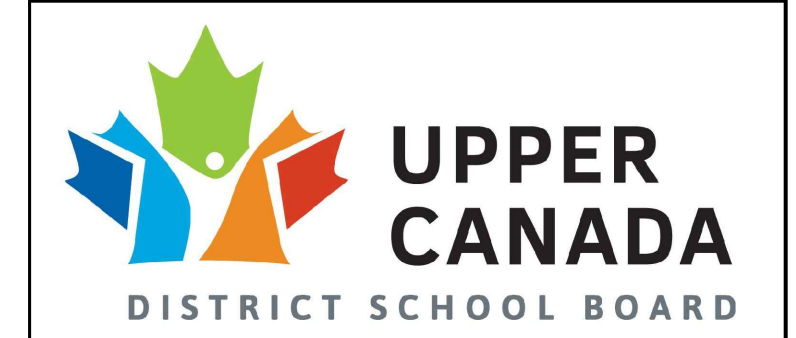


18 DECK CLOSURE - EXISTING CONCRETE DECK  
6 1:10

Key Plan:

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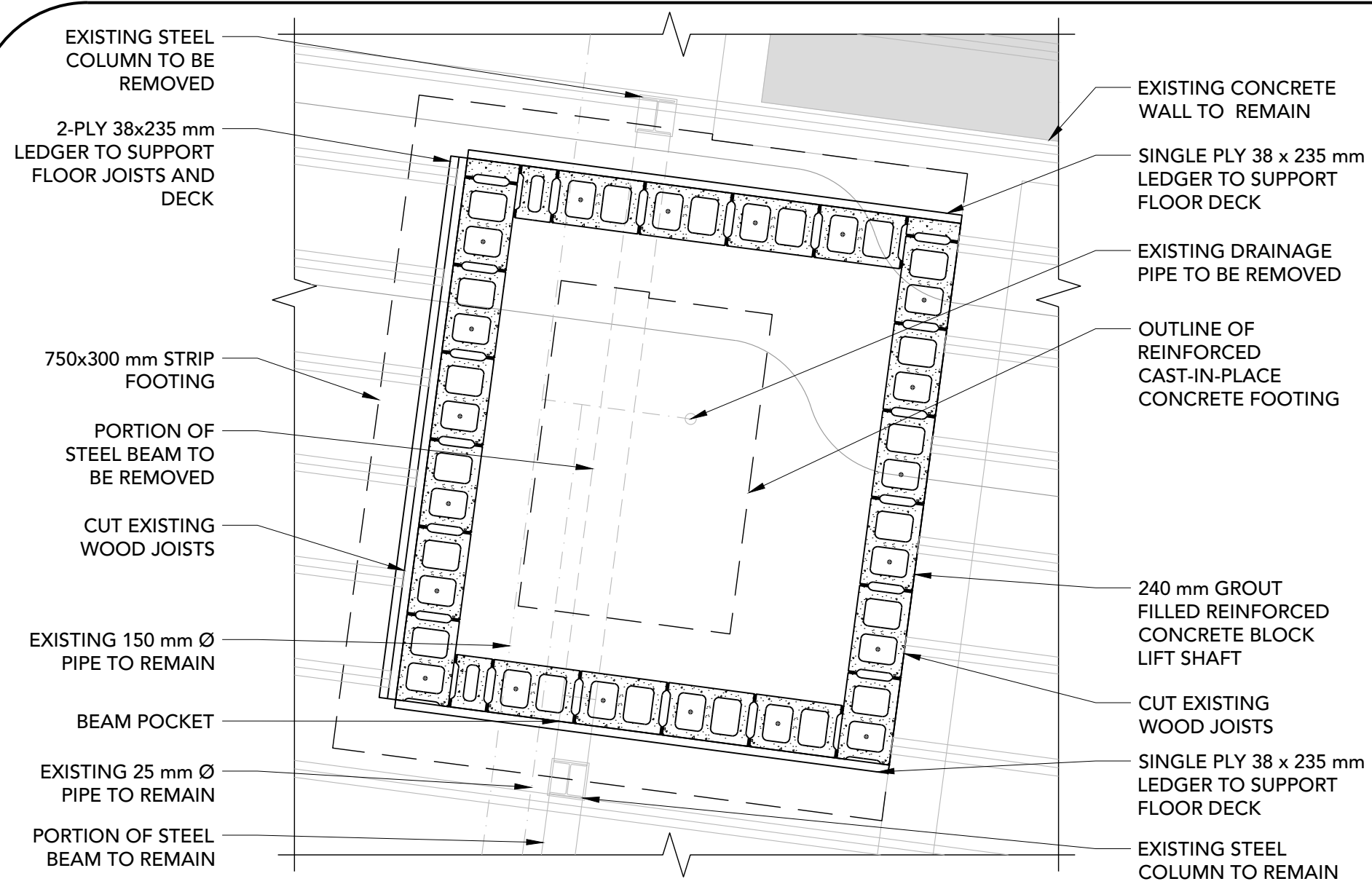


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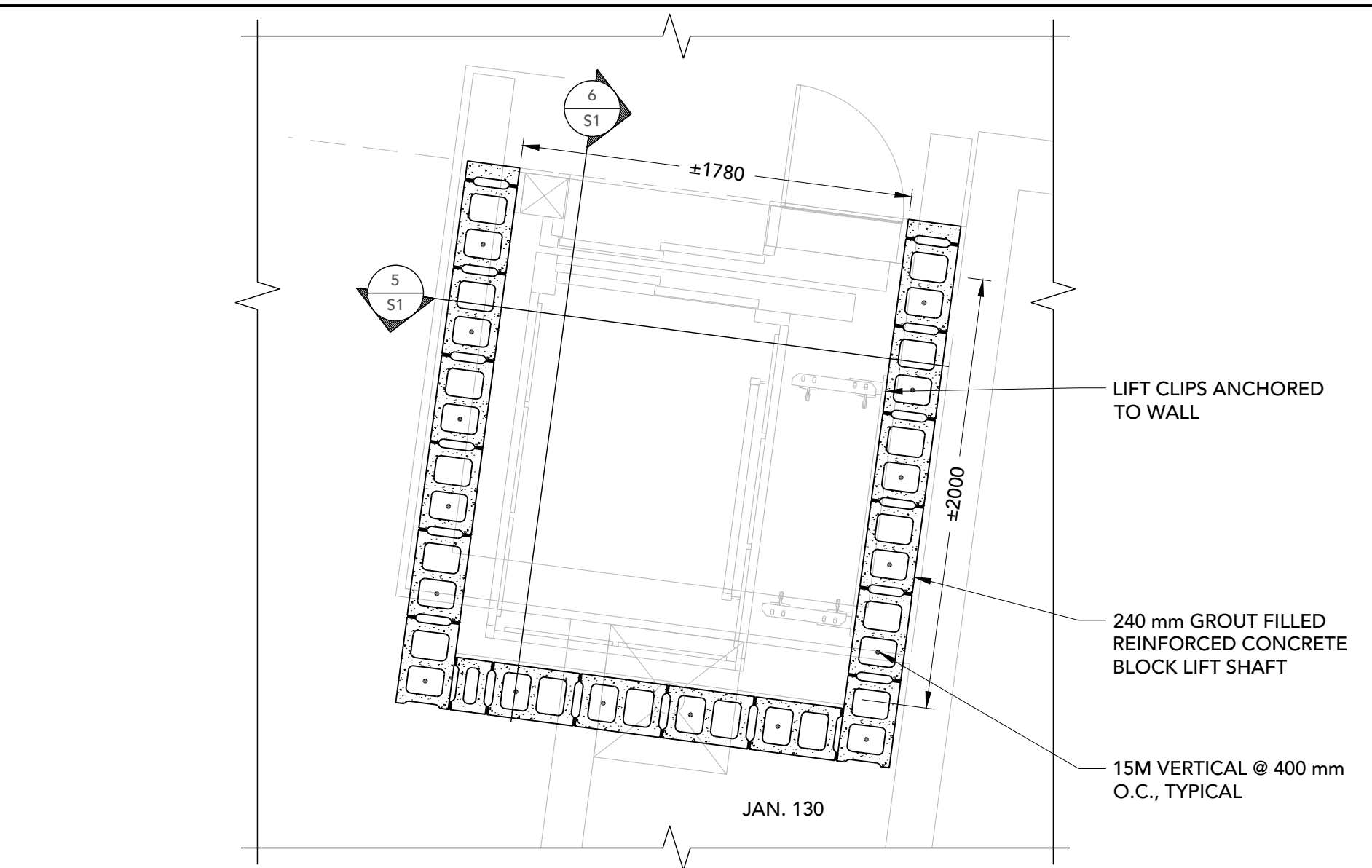
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Address of Project: 300 Stone St N, Gananoque, Ontario K7G 1Y8	Scale: VARIES Drw.: RRC Dgn.: DJA Chk.: DJA	Page Number: <b>6</b>
Date: 2023-01-18   22314DK-1.dwg		

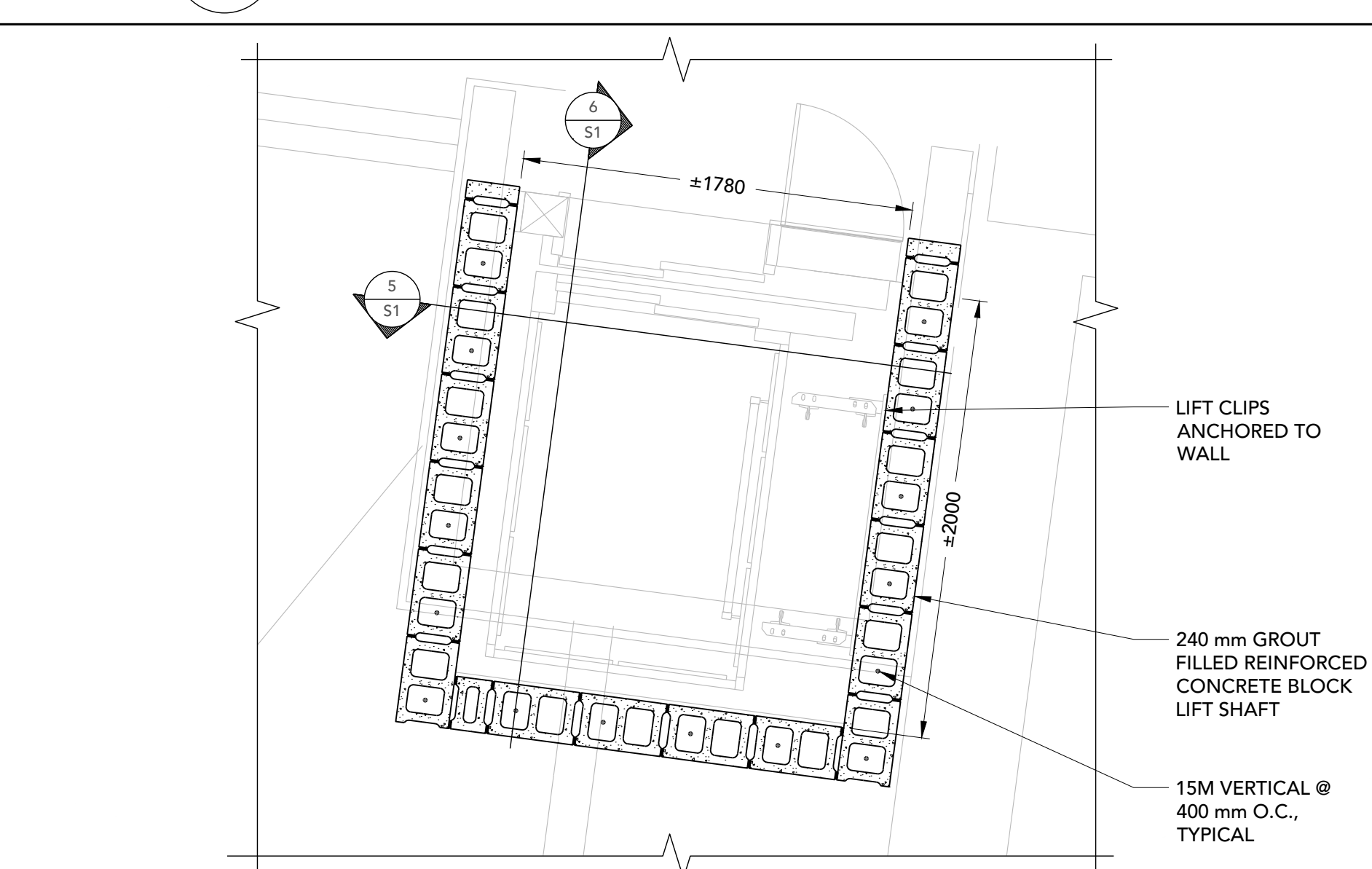




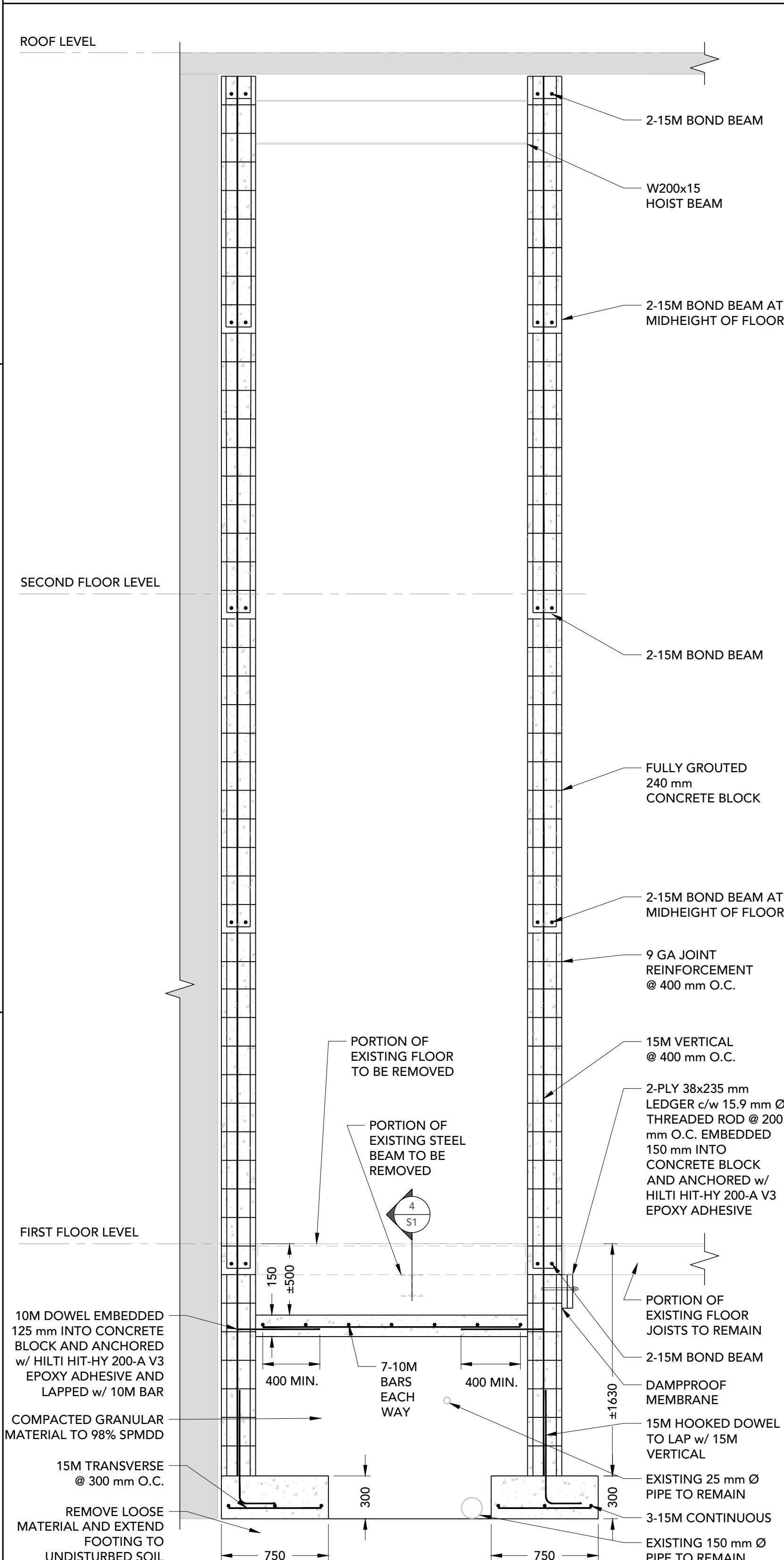
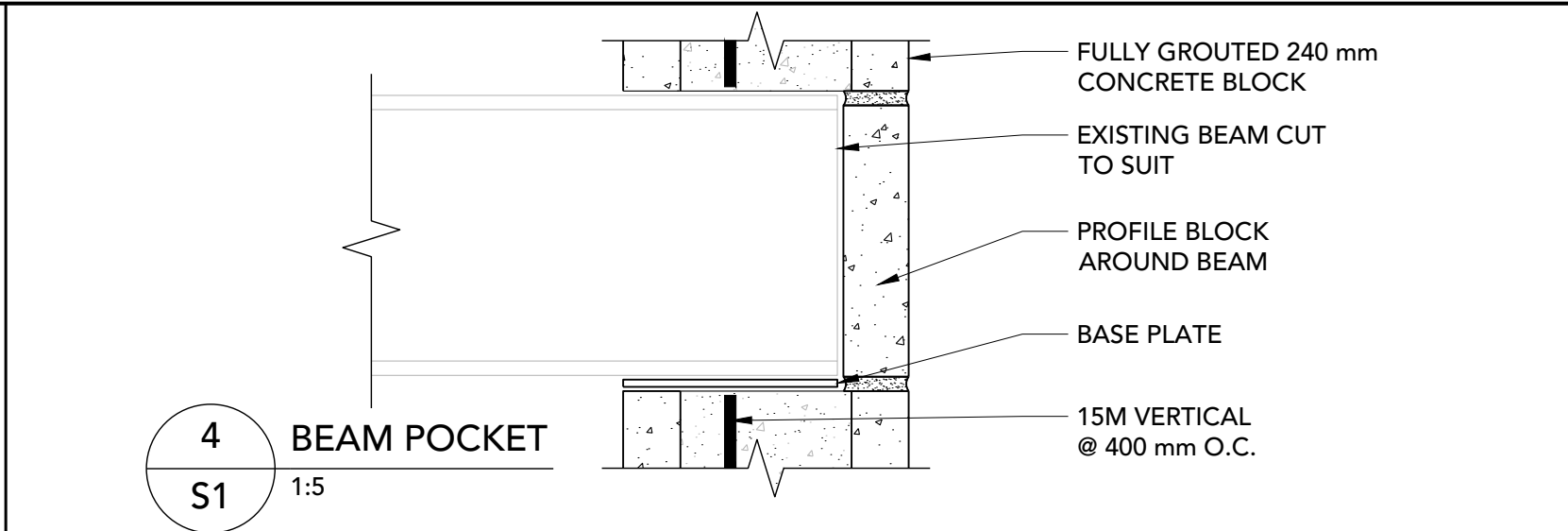
1 LEVEL 0 FLOOR PLAN  
S1 1:25



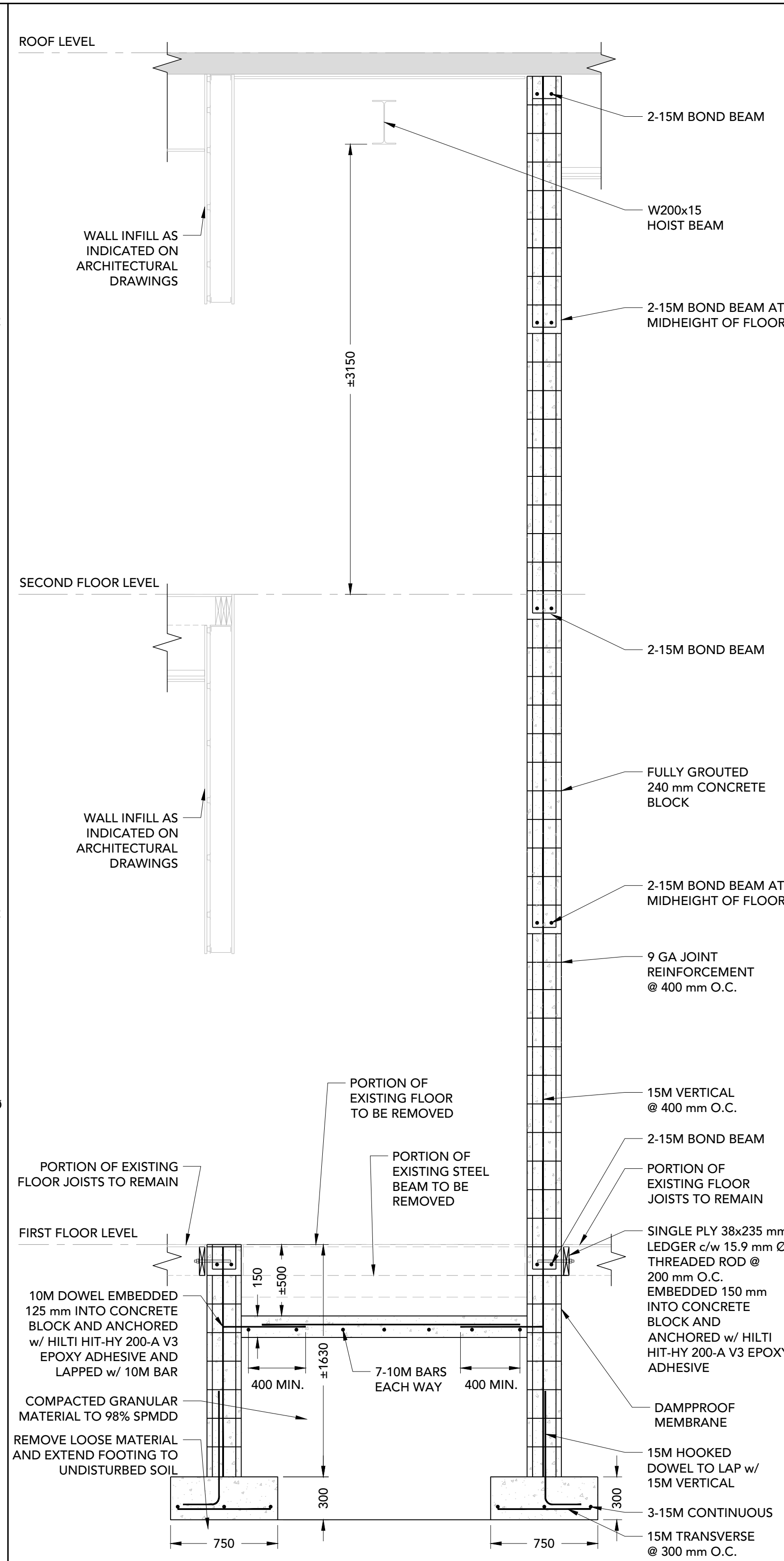
2 LEVEL 1 FLOOR PLAN  
S1 1:25



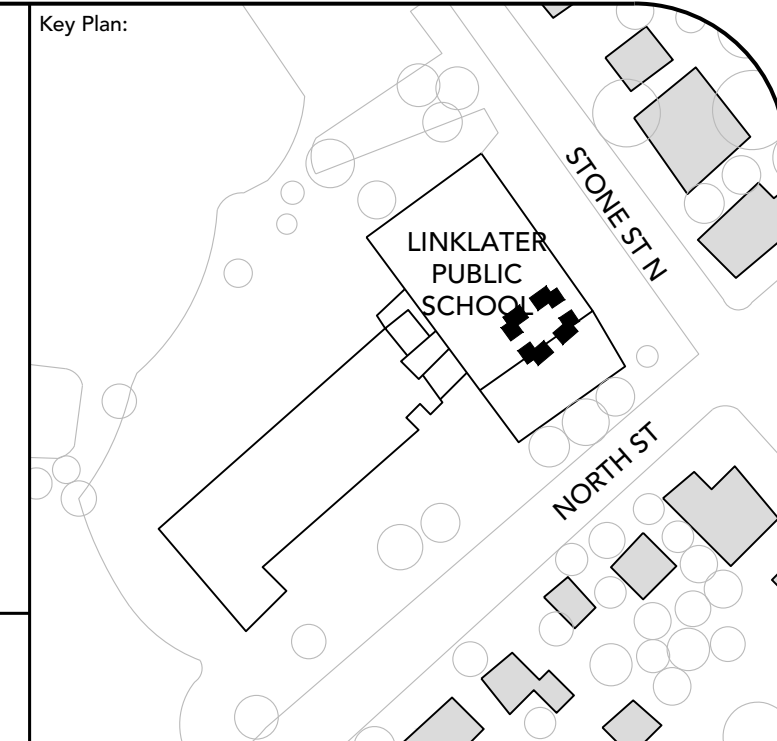
3 LEVEL 2 FLOOR PLAN  
S1 1:25



5 STRUCTURAL SECTION  
S1 1:25



6 STRUCTURAL SECTION  
S1 1:25



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  3. TEMPORARILY REMOVE AND SUPPORT ELECTRICAL BOXES AND CONDUITS RUNNING ALONG PARAPETS AND ON ROOF SURFACES. REINSTATE UPON COMPLETION AND RE-SECURE AS REQUIRED.
  4. DRAWINGS ARE NOT TO BE SCALED.
  5. THE PROJECT CONSTRUCTOR IS RESPONSIBLE FOR RETAINING/COORDINATING SUB-TRADES, AND SUPPLY AND INSTALLATION OF ALL EQUIPMENT AND MATERIALS AS REQUIRED TO COMPLETE THE WORK AS OUTLINED IN THE TENDER DOCUMENTS.

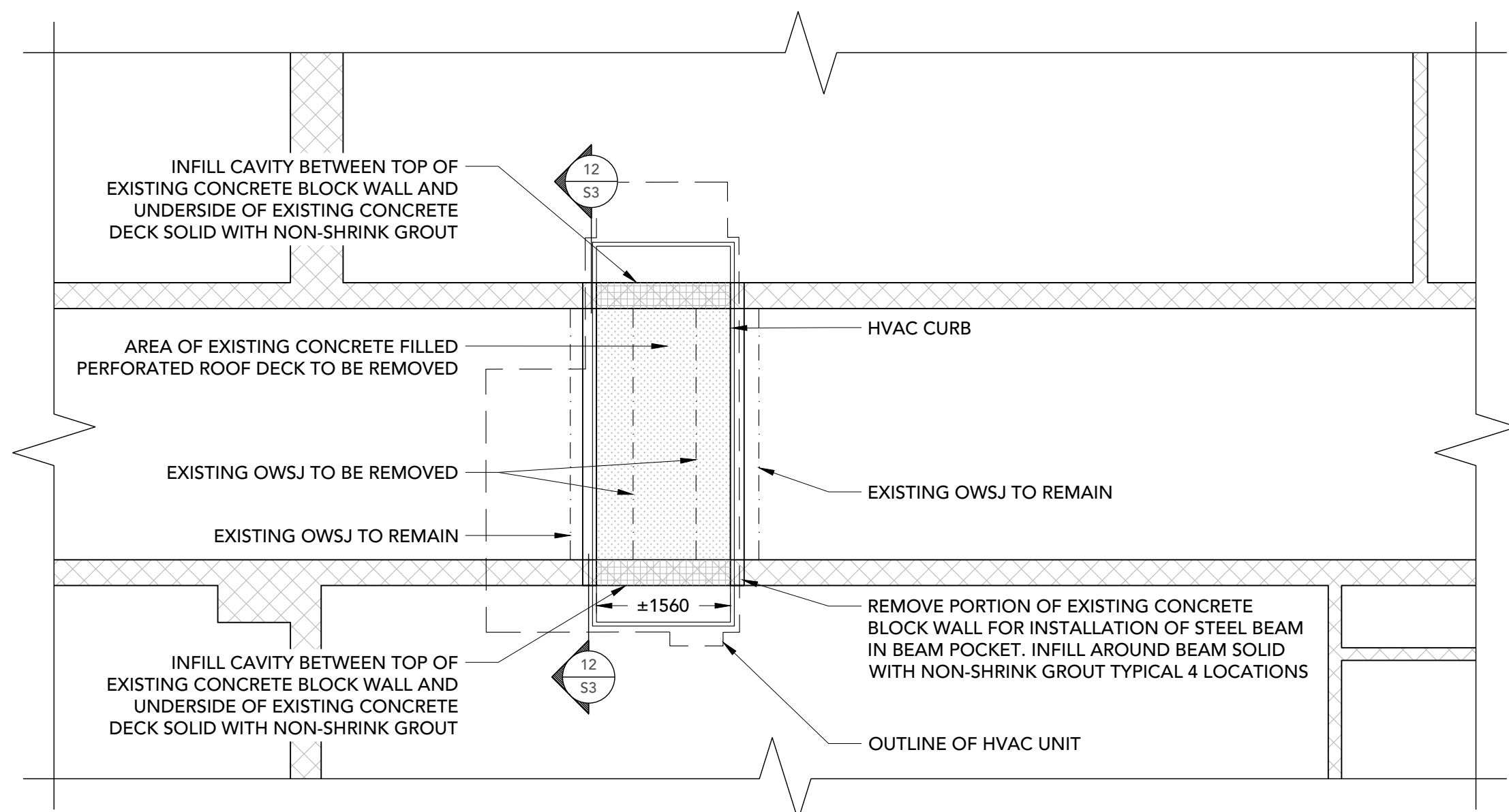


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3	2023-04-18	FOR TENDER
REV #	DATE	DESCRIPTION
Client: SHOALTS AND ZABACK ARCHITECTS LTD. UPPER CANADA DISTRICT SCHOOL BOARD		
Project: UCDSB LINKLATER PUBLIC SCHOOL, ROOF REPLACEMENT		
Project #: FSA Project #: 22314DK		
Title: STRUCTURAL PLANS & SECTIONS		

Address of Project: 300 Stone St N, Gananoque, Ontario K7G 1Y8	Scale: VARIES Drw.: RRC Dgn.: DJA Chk.: DJA	Page Number: <b>S1</b>
Date: 2023-01-18   22314DK-1.dwg		

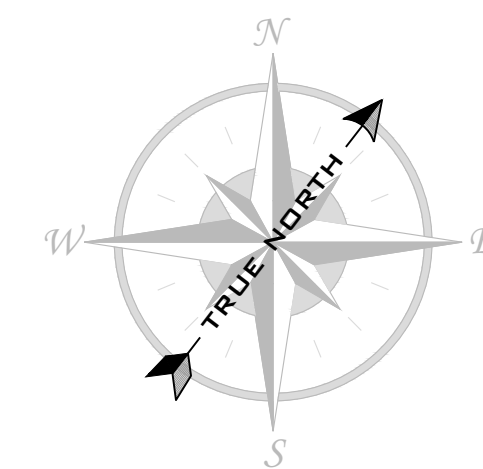




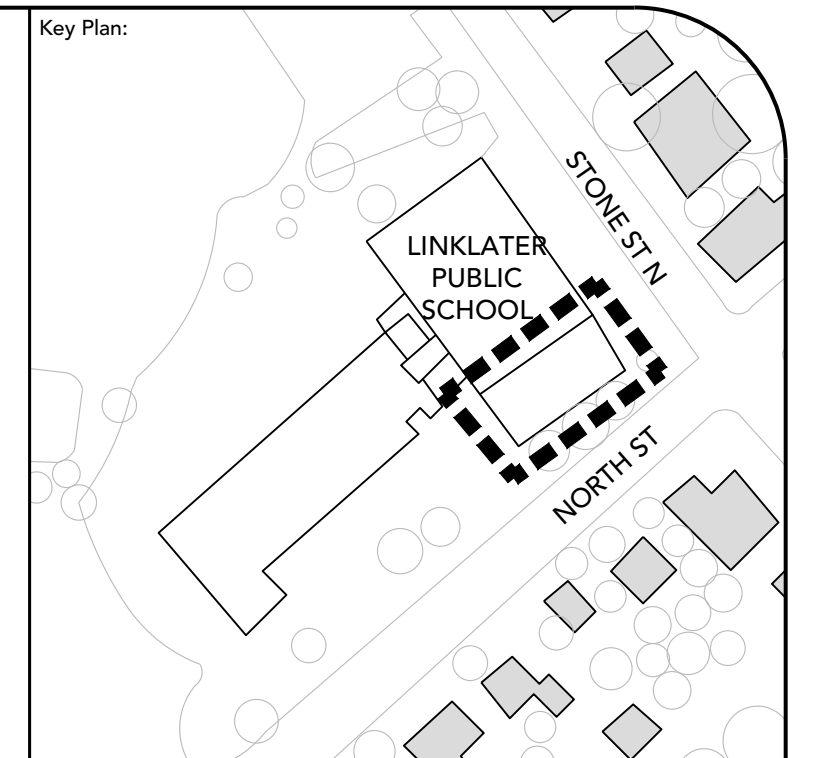
**7** STRUCTURAL ROOF PLAN  
S2 1:50 RTU 101

**STRUCTURAL NOTES:**

- STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE ONTARIO BUILDING CODE (OBC) 2012.
- ALL NOTES ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT DESIGN DRAWINGS AND PROJECT DOCUMENTS.
- ALL CODES AND STANDARDS SHALL BE THE LATEST EDITION INCLUDING AMENDMENTS, REVISIONS AND SUPPLEMENTS, IF ANY.
- CONSTRUCT TO ONTARIO BUILDING CODE REQUIREMENTS. ALL REFERENCED DOCUMENTS ARE TO BE EDITION LISTED IN DIVISION B, SECTION 1.3 OF OBC 2012, UNLESS NOTED OTHERWISE.
- READ STRUCTURAL DRAWINGS IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND DOCUMENTS. REPORT CONFLICTS TO THE ENGINEER BEFORE COMMENCING WORK.
- IF DISCREPANCIES RELATING TO STRUCTURAL WORK ARE FOUND IN THE VARIOUS DOCUMENTS, THE MORE STRINGENT PROVISIONS SHALL APPLY, UNLESS APPROVED BY THE ENGINEER.
- VERIFY ALL DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. DO NOT SCALE FROM DRAWINGS. REPORT ANY DISCREPANCIES TO THE CONSULTANT FOR CLARIFICATION BEFORE PROCEEDING.
- THESE DRAWINGS SHOW THE REQUIREMENTS FOR COMPLETED STRUCTURE ONLY. THEY DO NOT INCLUDE ELEMENTS WHICH MAY BE REQUIRED FOR TEMPORARY WORKS AND SAFETY. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND ERECTION OF ALL REQUIRED TEMPORARY WORKS SUCH AS FALSEWORK, SHORING, BRACING, ETC., AND FOR THE SAFETY ON THE JOB SITE DURING CONSTRUCTION.
- DESIGN OF ALL TEMPORARY WORKS SHALL BE CARRIED OUT BY A PROFESSIONAL ENGINEER RETAINED BY THE CONTRACTOR, LICENSED IN THE PLACE WHERE THE PROJECT IS LOCATED.
- NOTIFY THE ENGINEER 48 HOURS IN ADVANCE FOR CONSTRUCTION REVIEW OF THE FOLLOWINGS:
  - REINFORCING STEEL AND POUR CONDITIONS, BEFORE EACH CONCRETE POUR.
- ALL SHOP DRAWINGS SHALL BE REVIEWED BY THE ENGINEER.

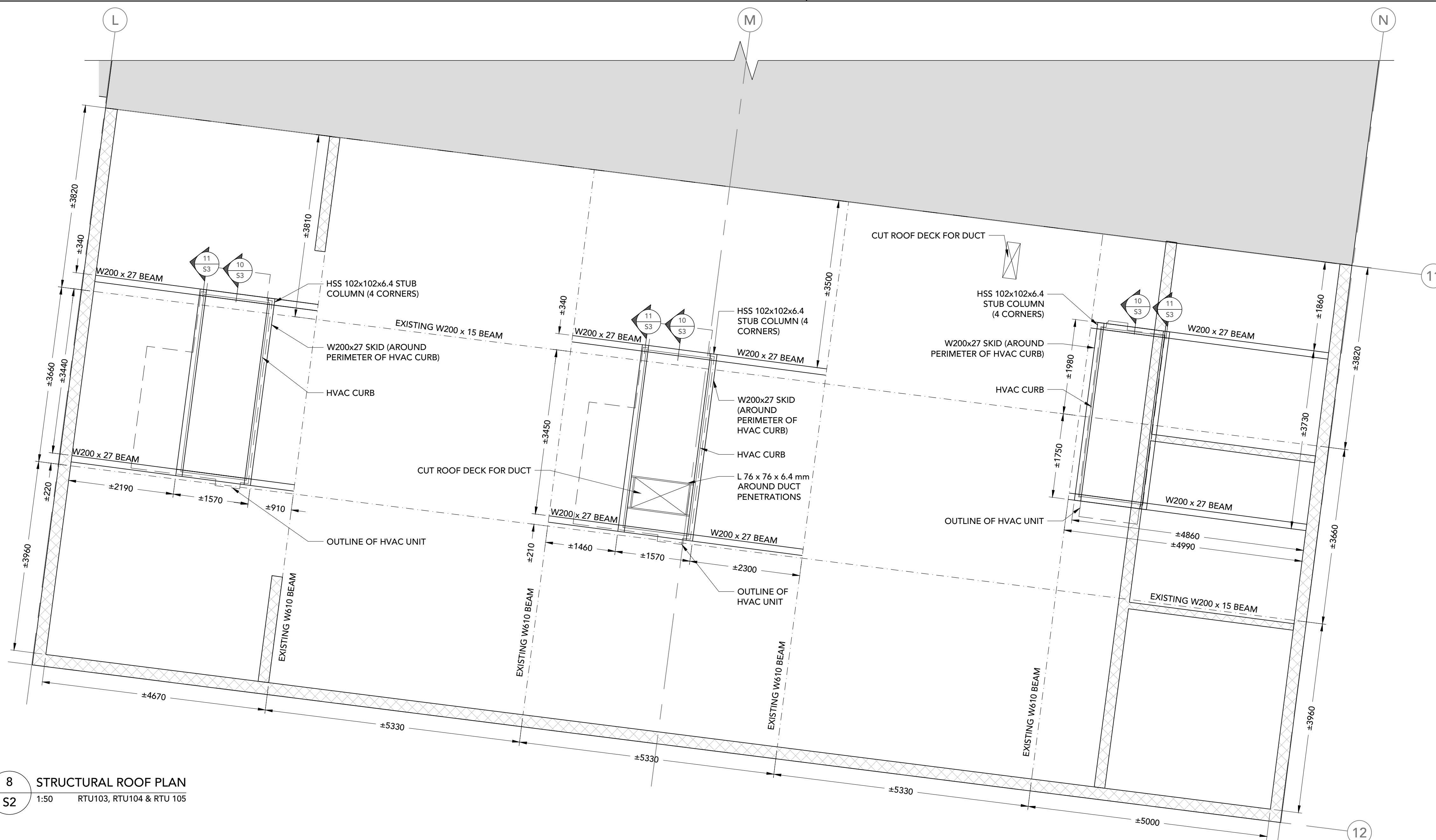


Key Plan:

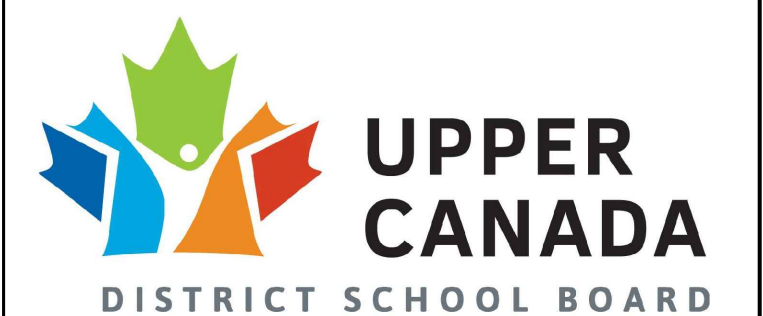


Notes:

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**8** STRUCTURAL ROOF PLAN  
S2 1:50 RTU103, RTU104 & RTU 105



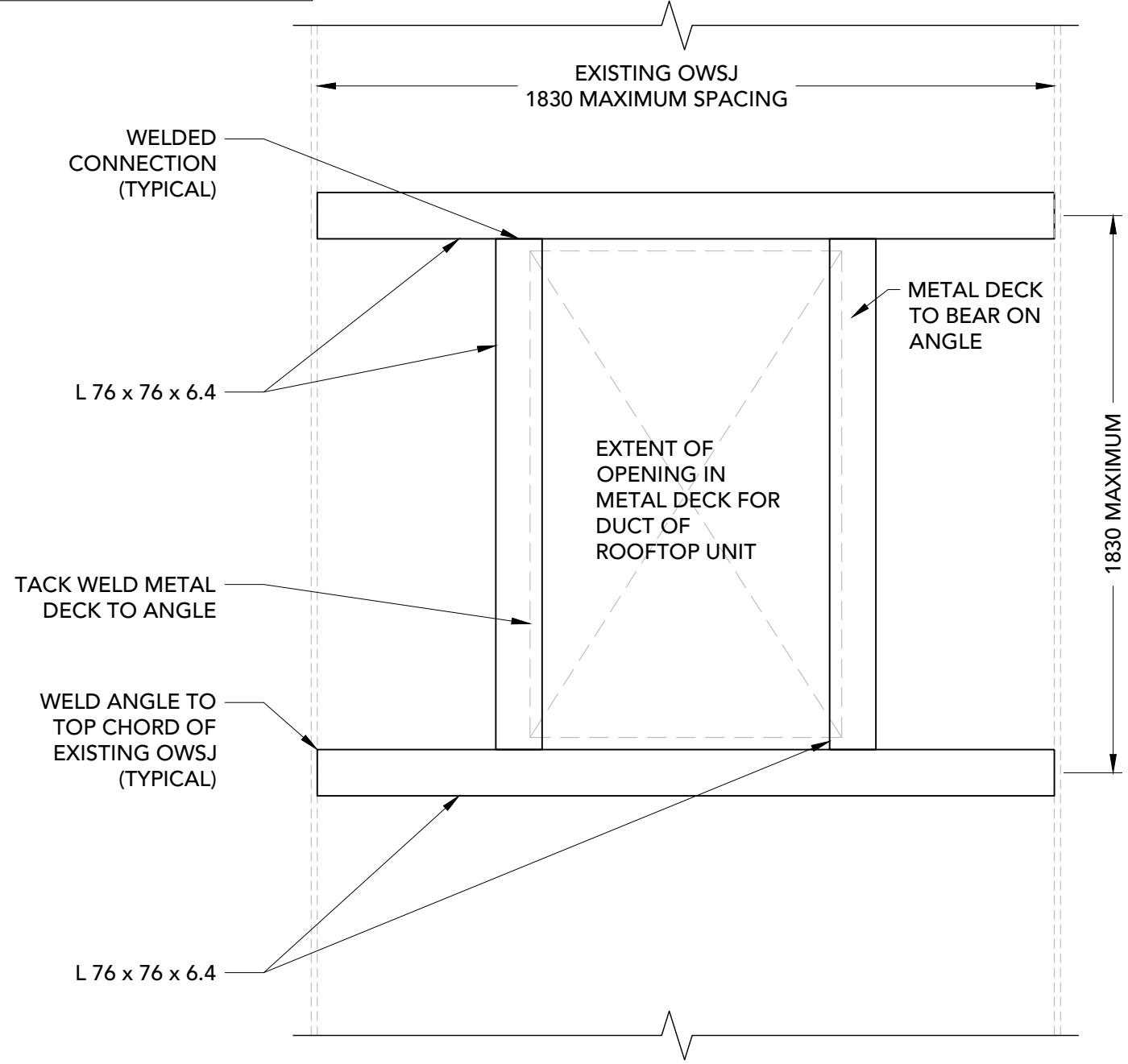
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3	2023-04-18	FOR TENDER
REV #	DATE	DESCRIPTION
Client: SHOALTS AND ZABACK ARCHITECTS LTD.		
Project: UCDSB LINKLATER PUBLIC SCHOOL, ROOF REPLACEMENT		
Project #:		FSA Project #: 22314DK
Title: STRUCTURAL ROOF PLAN		
Address of Project:		Scale: 1:50
300 Stone St N,		Drw.: RRC
Gananoque, Ontario		Dgn.: DJA
K7G 1Y8		Chk.: DJA
Date: 2023-01-18		22314DK-1.dwg

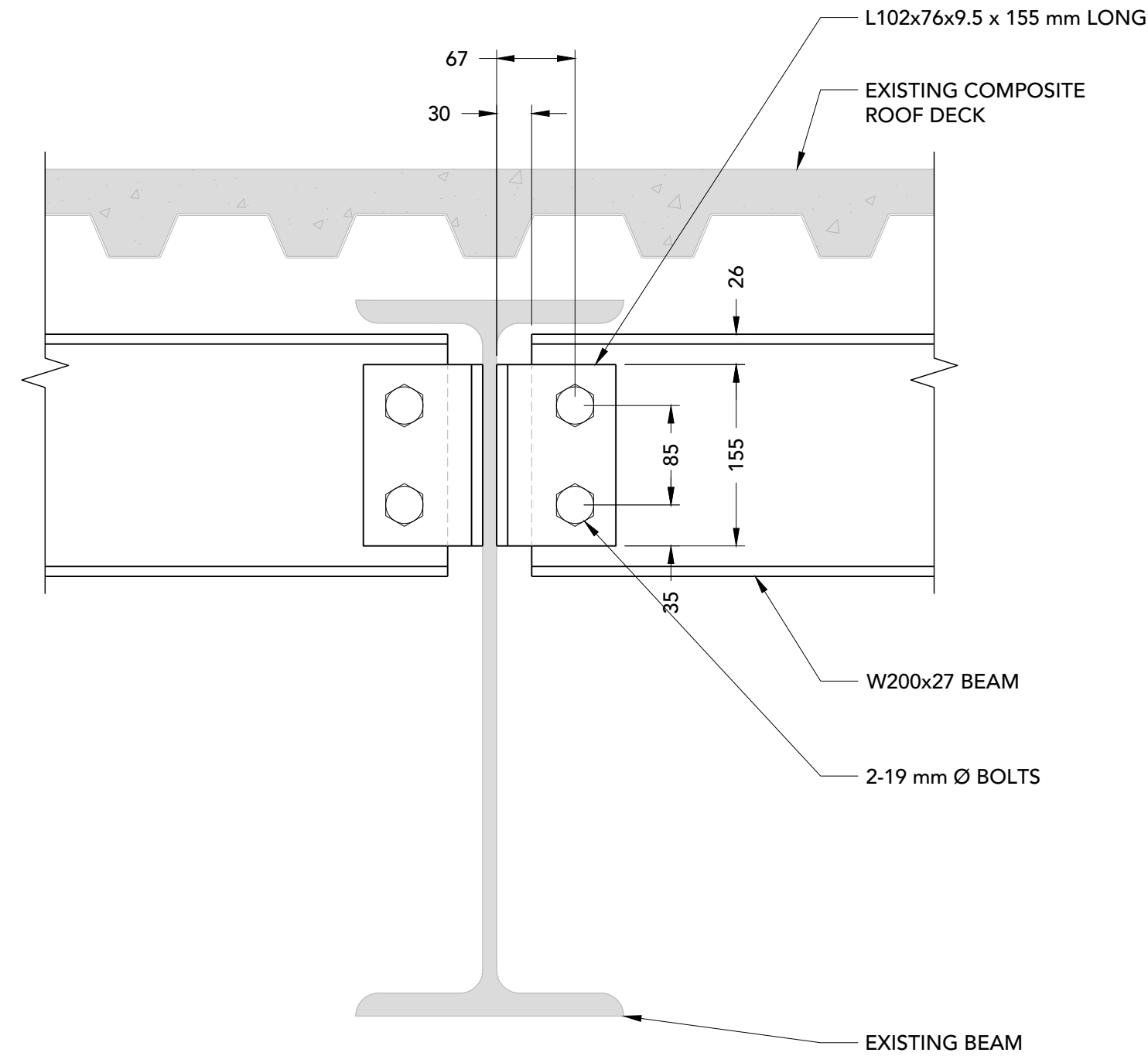
**S2**



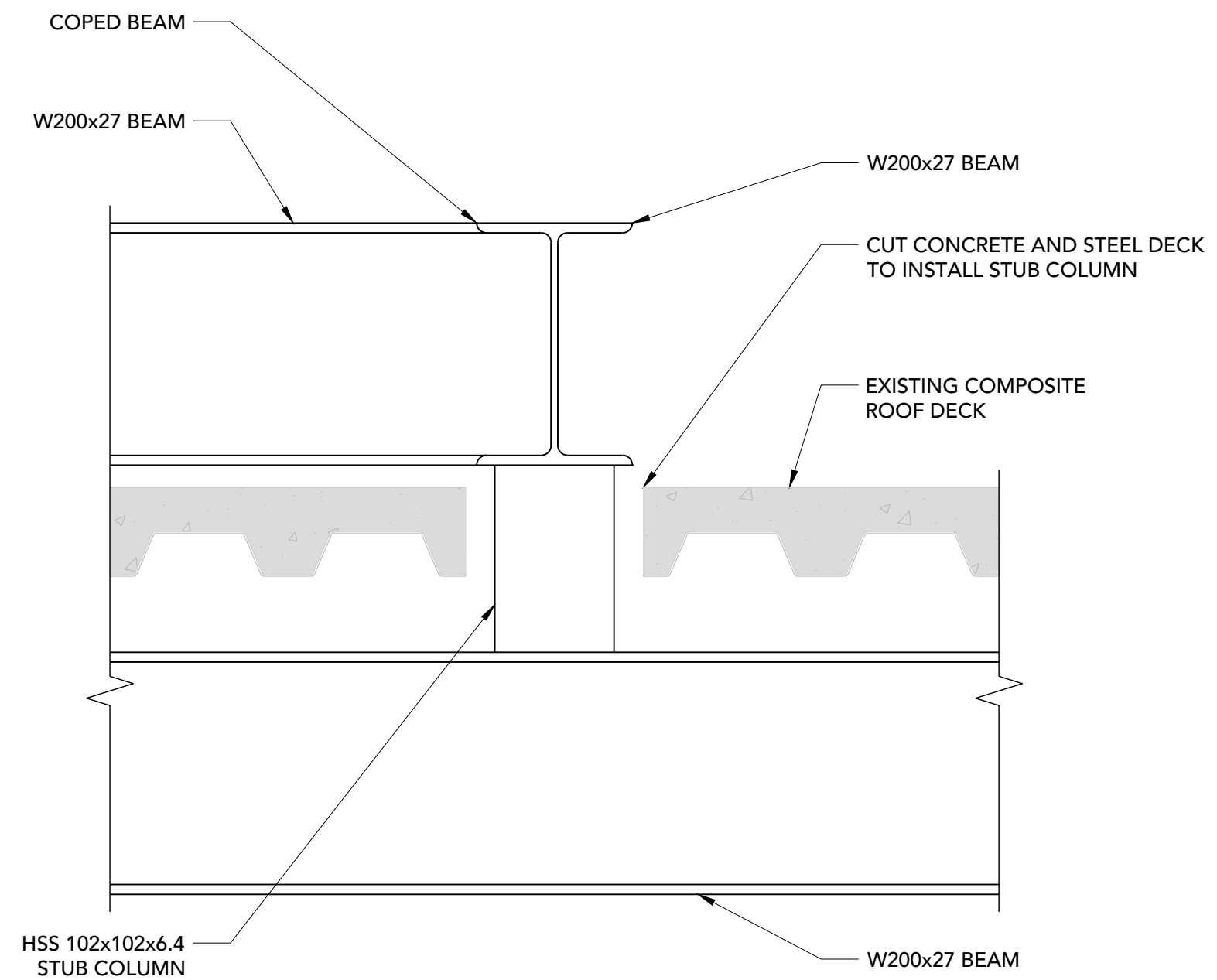
PROVIDE SEAL SHOP DRAWINGS  
ANGLES SHALL BE G40.21-350W  
WITH  $F_y = 350 \text{ MPa}$



9 PENETRATION DETAIL - SUPPORT FOR DECK  
S3 1:10

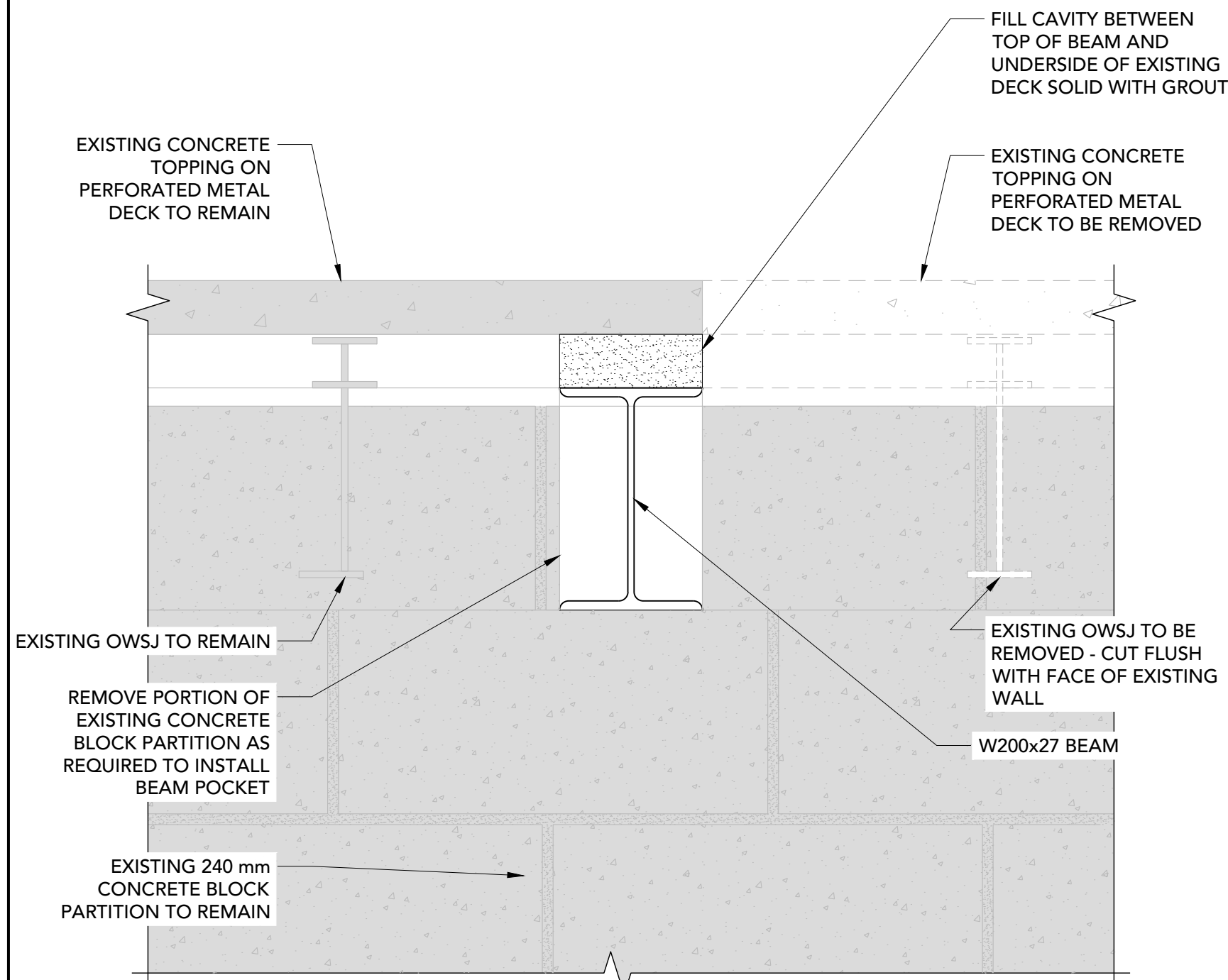


10 RTU REINFORCEMENT - SECTION  
S3 1:5

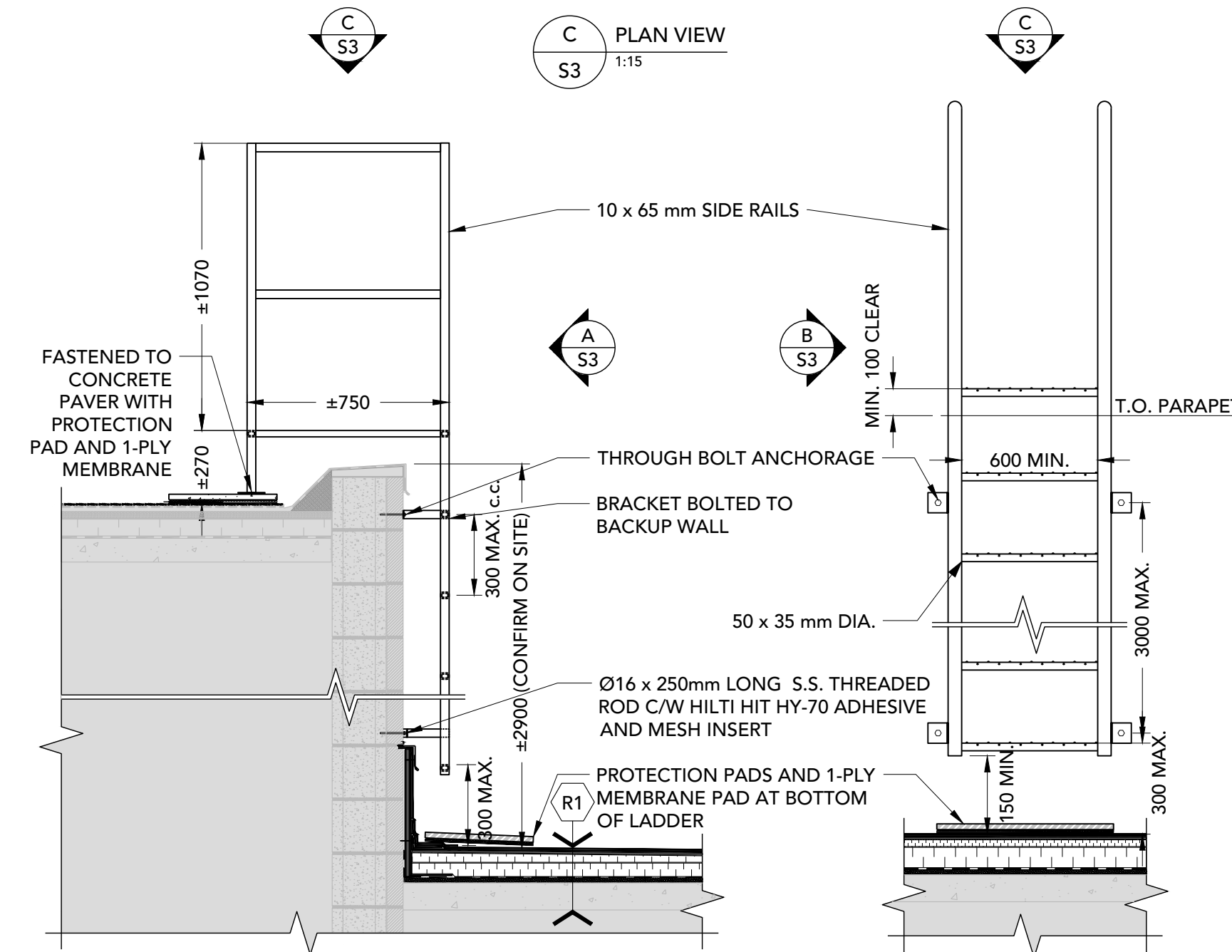
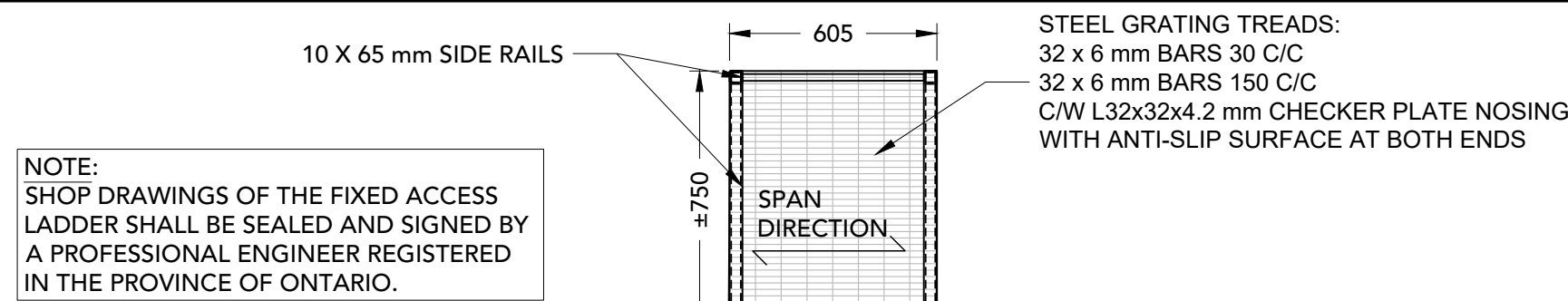


11 RTU REINFORCEMENT - SECTION  
S3 1:5

NOTE: BOTTOM SURFACE OF THE EXISTING CONCRETE DECK IS UNEVEN. CONTRACTOR TO COORDINATE FINAL LOCATION AND HEIGHT OF BEAMS ON SITE WITH STRUCTURAL ENGINEER PRIOR TO INSTALLATION



12 RTU REINFORCEMENT - SECTION  
S3 1:5



13 ROOF ACCESS LADDER  
S3 1:20

Key Plan:

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3	2023-04-18	FOR TENDER
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REV #	DATE	DESCRIPTION
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Client: SHOALTS AND ZABACK ARCHITECTS LTD.  
UPPER CANADA DISTRICT SCHOOL BOARD

Project: UCDSB LINKLATER PUBLIC SCHOOL, ROOF REPLACEMENT

Project #: FSA Project #: 22314DK

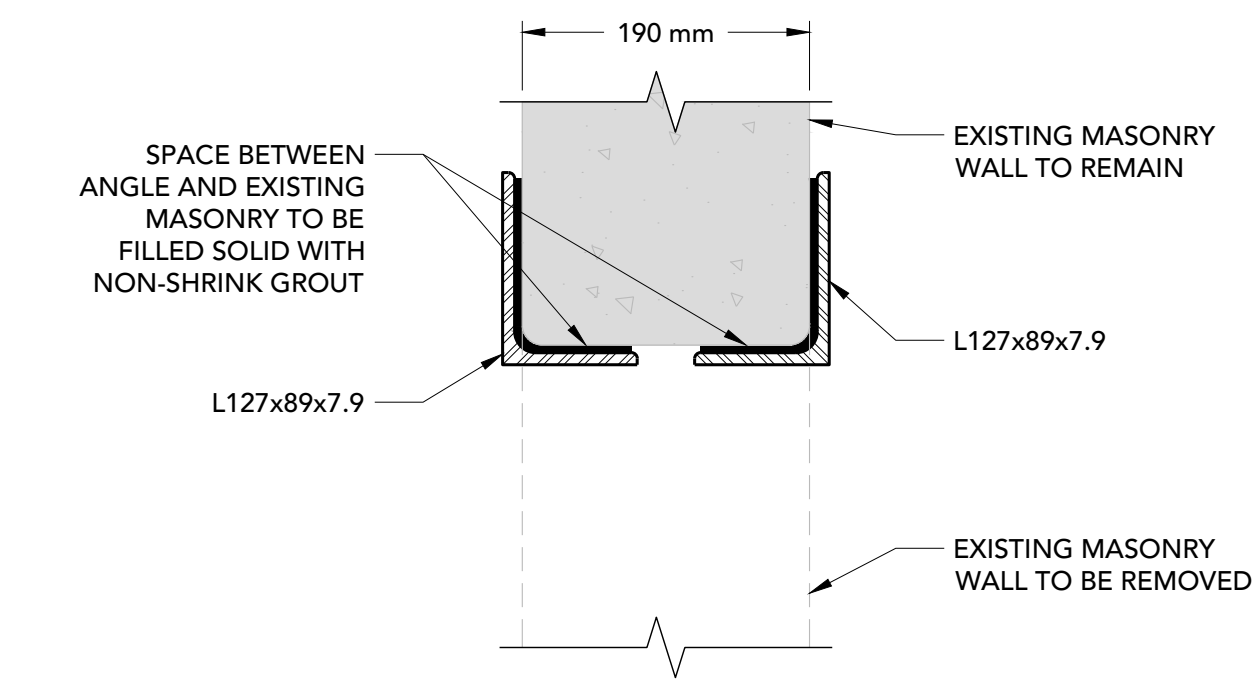
Title:

STRUCTURAL DETAILS

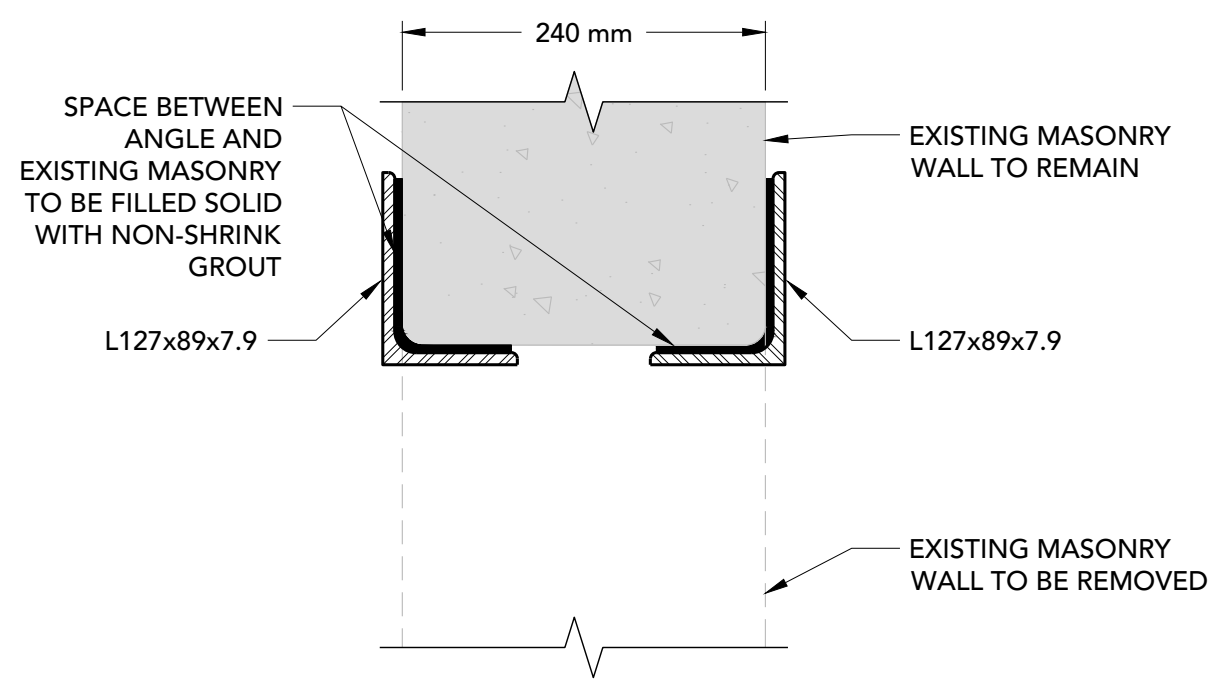
Address of Project:	Scale: VARIES	Page Number:
300 Stone St N, Gananoque, Ontario K7G 1Y8	Drw.: RRC Dgn.: DJA Chk.: DJA	S3
Date: 2023-01-18	22314DK-1.dwg	



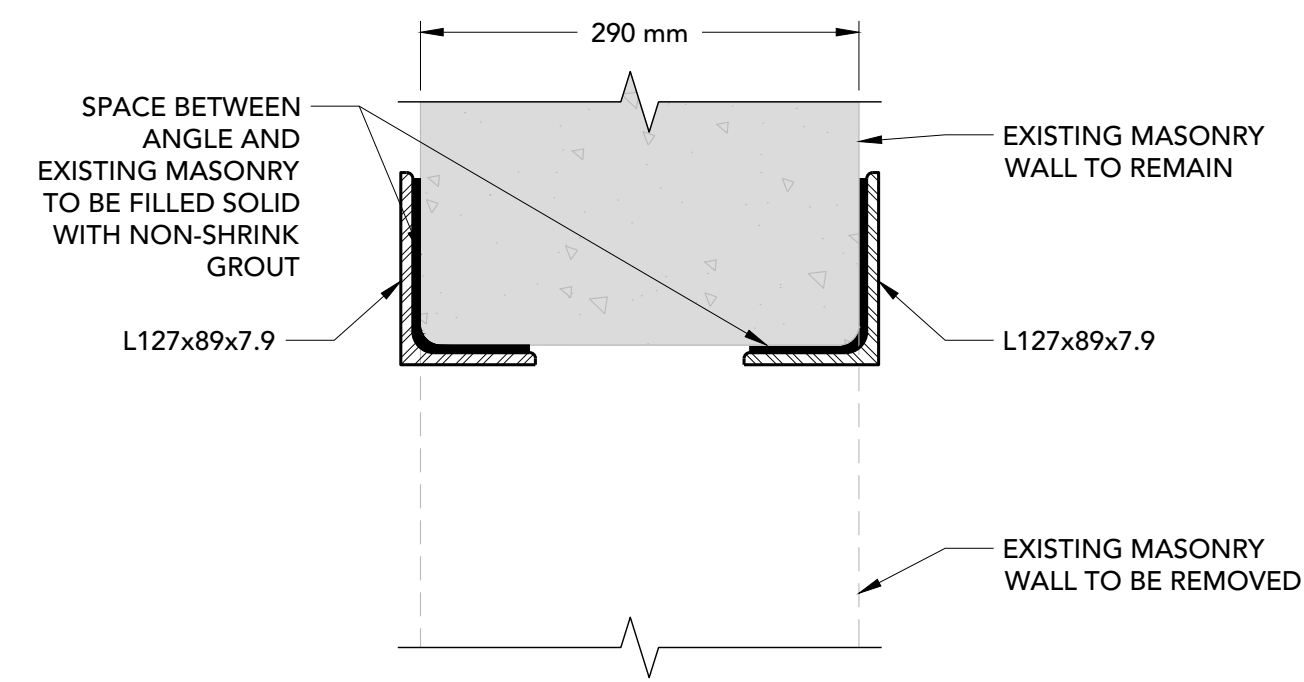
LINTEL FOR MASONRY WALL (CONCRETE BLOCK AND MASS CONCRETE) SCHEDULE					
OPENING WIDTH	ANGLES				
	WALL THICKNESS, mm				
1.2 m OR LESS	190	240	290	300 TO 400	400 TO 600
	2 - L127x89x7.9	2 - L127x89x7.9	2 - L127x89x7.9	2 - L152x102x9.5	2 - L203x152x11



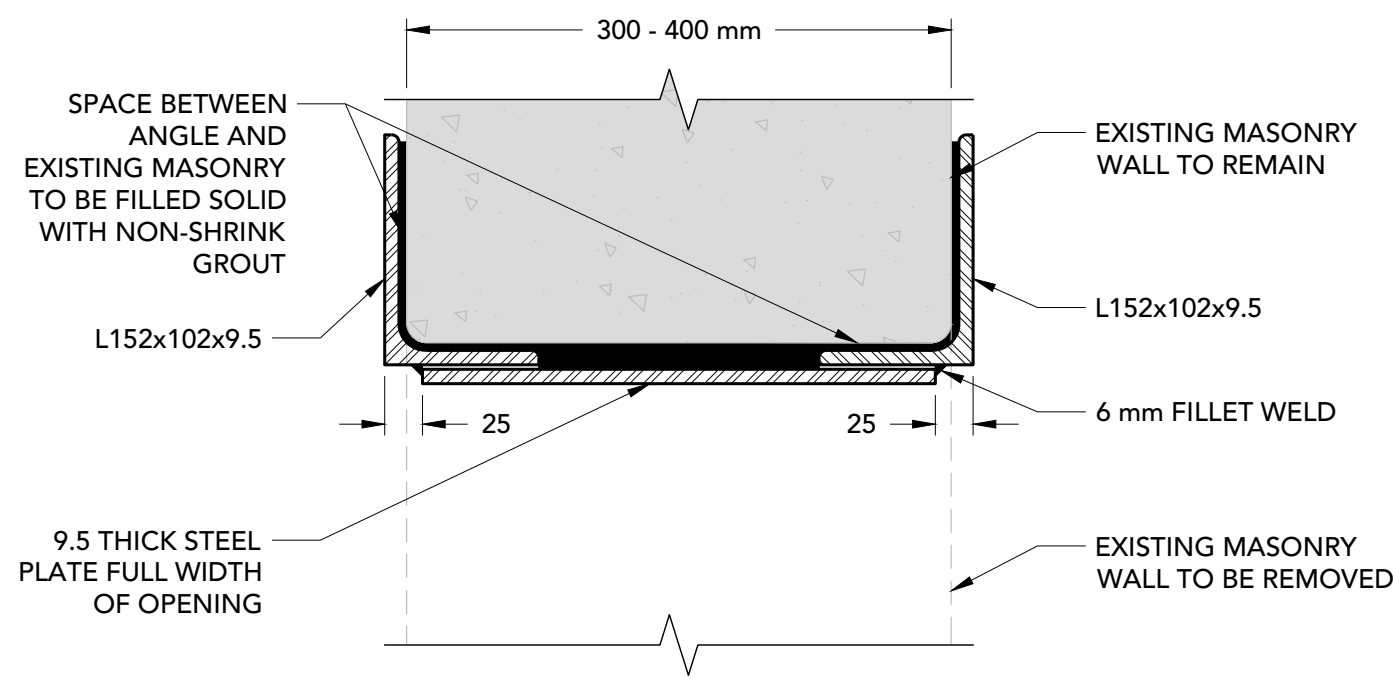
14 LINTEL 1 - DETAIL  
S4 1:5



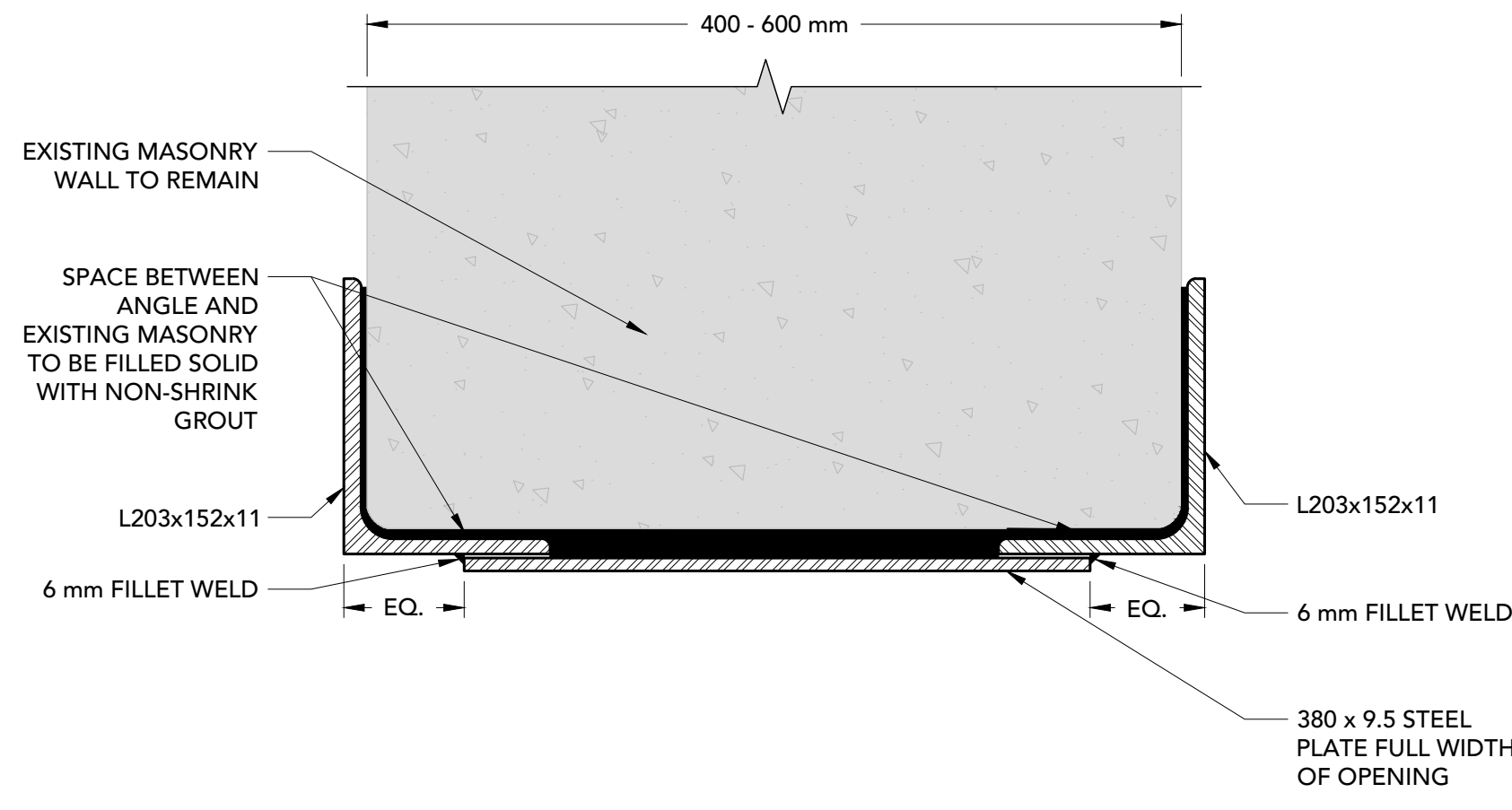
15 LINTEL 2 - DETAIL  
S4 1:5



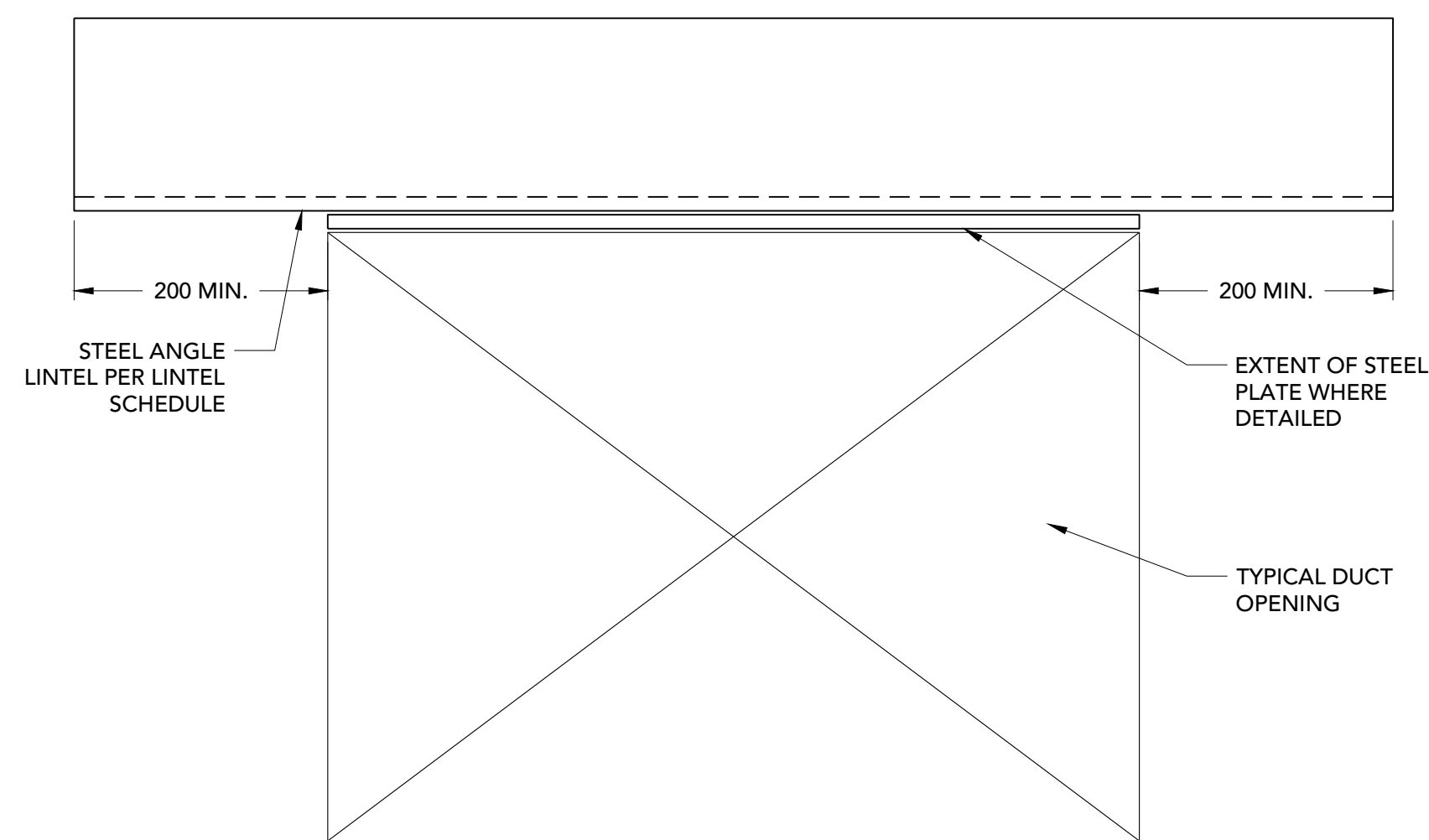
16 LINTEL 3 - DETAIL  
S4 1:5



17 LINTEL 4 - DETAIL  
S4 1:5



18 LINTEL 5 - DETAIL  
S4 1:5



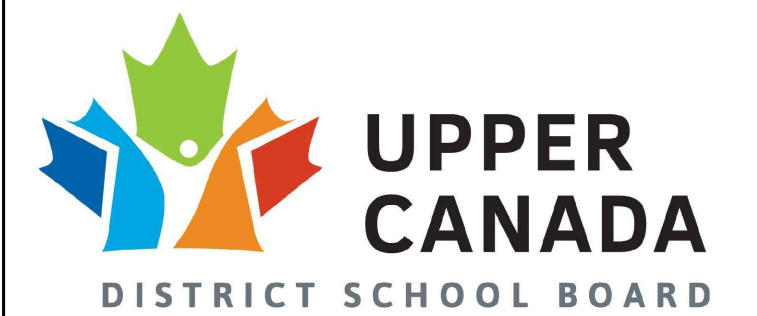
19 LINTEL AT DUCT PENETRATION  
S4 1:5

NOTE: CUT SLOT FOR ANGLE AND INSERT GROUT COATED ANGLE. ALLOW GROUT TO CURE BEFORE CUTTING OPENING AND REMOVING WALL ASSEMBLY

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Project:	UCDSB LINKLATER PUBLIC SCHOOL, ROOF REPLACEMENT	
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Title:	STRUCTURAL DETAILS	

Address of Project:	Scale: 1:5	Page Number:
300 Stone St N, Gananoque, Ontario K7G 1Y8	Drw.: RRC Dgn.: DJA Chk.: DJA	S4
Date: 2023-01-18	22314DK-1.dwg	