

# GLENVIEW PUBLIC SCHOOL - GYM ADDITION

143 Townsend Ave., Burlington, Ontario, L7T 1 Z1

## ARCHITECTURAL: STRUCTURAL:

A000	COVER SHEET	S1.1	FOUNDATION PLAN
A101	SITE PLAN	S1.2	ROOF FRAMING PLAN
A102	OBC DATA MATRIX & FIRE SEPARATION DIAGRAM		
A102A	OBC SPATIAL SEPARATION		
A103	PARTIAL SITE PLAN - DEMOLITION		
A104	PARTIAL SITE PLAN - NEW WORK		
A201	PARTIAL FIRST FLOOR & ROOF PLAN - DEMOLITION		
A202	PARTIAL FIRST FLOOR & ROOF PLAN - NEW & RENO		
A401	BUILDING ELEVATIONS - NEW WORK		
A402	BUILDING & WALL SECTIONS - DEMO & NEW WORK		
A701	ENLARGED PLANS & INT. ELEVATIONS - CHANGE ROOMS, WRs & RENO		
A901	DOOR SCHEDULE & DETAILS		

## MECHANICAL:

M101	SITE PLAN, LEGEND AND SCHEDULES
M102	GROUND FLOOR DEMOLITION & RENOVATION DRAWINGS
M103	PARTIAL ROOF PLAN & DETAILS - MECHANICAL

## CIVIL:

SG-1	SITE GRADING PLAN
SS-1	SITE SERVICING PLAN

## ELECTRICAL:

E101	LEGEND, SITE PLAN, NOTES AND KEY PLAN
E102	DETAILS AND SCHEDULES
E201	PARTIAL FLOOR PLAN - LIGHTING DEMOLITION AND RENOVATION
E202	PARTIAL FLOOR PLAN - POWER DEMOLITION AND RENOVATION
E203	PARTIAL ROOF RENOVATION PLAN
E301	DISTRIBUTION RISER DIAGRAM AND PANEL SCHEDULE
E302	PARTIAL FIRE ALARM - RISER DIAGRAM AND PASSIVE GRAPHIC

## AVAILABLE PROJECT INFORMATION:

ARBORIST REPORT:  
TITLED: ARBORIST REPORT & TREE PRESERVATION PLAN  
PREPARED BY: GLN FARM & FOREST RESEARCH CO. LTD..  
DATED: FEBRUARY 6, 2024

GEOTECHNICAL INVESTIGATION REPORT:  
TITLED: GEOTECHNICAL INVESTIGATION REPORT  
PREPARED BY: PETO MACCALLUM LTD.  
DATED: NOVEMBER 16, 2023

SITE SURVEY:  
TITLED: PLAN OF SURVEY OF PARCEL A REGISTERED PLAN PF834 AND PART OF LOT 5 BROKEN FRONT CONCESSION (ORIGINALLY IN TOWNSHIP OF EAST FLAMBOROUGH), CITY OF BURLINGTON  
PREPARED BY: TARASICK MCMILLAN KUBICKI LTD.  
PROJECT NO.: 9964-SRPR-T  
DATED: FEBRUARY 20, 2024

ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS

RECEIVED  
MAY 03 2024  
CITY OF BURLINGTON  
BUILDING DEPARTMENT

ALL ELECTRICAL WIRING MUST BE INSPECTED BY THE ELECTRICAL SAFETY AUTHORITY. SEPARATE INSPECTION APPLICATIONS (PERMITS) MUST BE FILED. FOR MORE INFORMATION PLEASE CALL ELECTRICAL SAFETY AUTHORITY CUSTOMER SERVICE CENTRE. PHONE: 1-877-372-7233 FAX: 1-800-667-4278

The ARCHITECT and/or PROFESSIONAL ENGINEERS shall be responsible for the field review of the building during construction to ensure conformance to the approved design. Field review reports must be submitted at least monthly to the Burlington Building Department. Prior to occupancy, the Architect and/or Professional Engineers must also submit a signed statement that, based upon their field review of the work falling within their discipline, they are of the opinion that such work has been carried out in general accordance with the approved plans.

### NOTES

1. ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS.
2. ALL CONSTRUCTION WHETHER DETAILED ON PLAN OR NOT IS SUBJECT TO FIELD APPROVAL.
3. REVIEWED PERMIT DRAWINGS MUST REMAIN AT THE JOB SITE UNTIL COMPLETION OF THE PROJECT.
4. REVIEW OF THESE PLANS DOES NOT NECESSARILY GUARANTEE THAT THEY ARE IN CONFORMANCE WITH THE ONTARIO BUILDING CODE.
5. IT IS THE OWNER/BUILDER'S RESPONSIBILITY TO CALL FOR INSPECTIONS IN ACCORDANCE WITH THE ONTARIO BUILDING CODE.

CITY OF BURLINGTON  
BUILDING SERVICES  
REVIEWED  
FOR PERMIT ISSUANCE  
DATE July 10/2024  
PERMIT NUMBER 24 008616  
EXAM Ark



2050 Guelph Line, Burlington, ON.

## Glenview Public School

Gym Addition

143 Townsend Ave.,  
Burlington, ON. L7T 1Z1

Architects

sn/der

**Snyder Architects Inc.**

100 Broadview Ave, Suite 301,  
Toronto, ON M4M 3H3  
t. 416.966.5444, w. snyderarchitects.ca

Consultants

Mechanical and Electrical Consultants

**DEI & Associates Inc.**

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Waterloo, Ontario, N2V 1Y8  
Tel: 519-725-3555

Structural Consultant

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Tel: 905-333-9119

Civil Consultant

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Tel: 647-496-8055

Landscape Consultant

**OMC Landscape Architecture**

270 Sherman Ave. N., Suite 315-MILL  
Hamilton, ON L8L 6N4  
Tel: 905-681-7604

## GLENVIEW PUBLIC SCHOOL

### GYM ADDITION

143 TOWNSEND AVE.,  
BURLINGTON, ONTARIO

PROJECT # 2314

ISSUED FOR BUILDING PERMIT SUBMISSION

2024 04 29







<b>Name of Practitioner:</b> Snyder Architects Inc. 100 Broadview Ave., Suite 301, Toronto, ON M4M 3H3	
<b>Name of Project:</b> Glenview Public School Gym Addition	
<b>Location:</b> 143 Townsend Ave., Burlington, ON L7T 1Z1	
<b>Date:</b> 2024 04 19	
<b>Ontario Building Code Data Matrix Part 3</b>	
3.00 Building Code Version: O.Reg. 332/12 Last Amendment: O.Reg. 68/23	
3.01 Project Type: <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Addition <input type="checkbox"/> Renovation <input type="checkbox"/> Change of use <input type="checkbox"/> Addition and renovation	(b) 11.2.2
3.02 Major Occupancy Classification: <input checked="" type="checkbox"/> Assembly <input type="checkbox"/> Use <input type="checkbox"/> Gymnasium	31.2
3.03 Superimposed Major Occupancies: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	32.27
3.04 Building Area (m <sup>2</sup> ): Description: Existing New Total	(b) 14.1.2
First Floor	634.85 634.85
	0 0 0
	0 0 0
	0 0 0
	0 0 0
Insert additional lines as needed	
Total	634.85 634.85
3.05 Gross Area (m <sup>2</sup> ): Description: Existing New Total	(b) 14.1.2
	634.85 634.85
	0 0 0
	0 0 0
	0 0 0
Insert additional lines as needed	
Total	634.85 634.85
3.06 Magazine Area (m <sup>2</sup> ): Description: Existing New Total	32.1.1
	0 0 0
	0 0 0
	0 0 0
Insert additional lines as needed	
Total	0 0 0
3.07 Building Height: 1 Storeys above grade (m) Above grade 0 Storeys below grade	(b) 14.1.2 & 32.1.1
3.08 High Building: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	32.6
3.09 Number of Street/Firefighter access: 1 street(s)	32.2.6 & 32.5
3.10 Building Classification: 3.2.2.2.5 Group/Div: Group A, Div 2	32.2.20 - 43
3.11 Sprinkler System: <input type="checkbox"/> Required <input checked="" type="checkbox"/> Not Required	32.1.5 & 32.2.17, 32.2.18, 32.4.8, to 32.4.10, and 32.5.15
3.12 Standpipe System: <input checked="" type="checkbox"/> Not required <input type="checkbox"/> Required	32.8
3.13 Fire Alarm System: <input checked="" type="checkbox"/> Required <input type="checkbox"/> Not required	32.4
3.14 Water Service / Supply is Adequate: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	32.5.7
3.15 Construction Type: <input checked="" type="checkbox"/> Reinforced <input type="checkbox"/> Non-combustible permitted <input type="checkbox"/> Non-combustible required <input type="checkbox"/> Encapsulated mass timber	32.2.20 - 83 & 32.1.4
3.16 Importance Category: <input checked="" type="checkbox"/> Low <input type="checkbox"/> Low human occupancy <input type="checkbox"/> Post-disaster shelter	41.2.1 (2) & 14.1.2.1.8
3.17 Seismic Hazard Index: (N-Fa Sa (D.2)) = 1.3 * 1.0 * 0.986 = 0.34	41.2.1 (3) & 41.8.18 (1)
3.18 Occupant Load: Floor Level/Area Occupancy Based On Occupant Load (Persons) Required	31.17 and 31.17.1 (2)
First Floor A, Div 2 Assembly, Use 602	
Insert additional lines as needed	
3.19 Barrier-free Design: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.8
3.20 Hazardous Substances: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	31.1.5 & 33.1.6
3.21 Required Fire Resistance Ratings: Horizontal Assembly Rating (R) Supporting Elements Rating (R) Noncombustible Rating (R)	32.2.20 - 83, 32.1.2, 32.1.4, 32.2.15
3.22a Spatial Separation: EBF (Repetitive) Construction Type: North Noncombustible East Noncombustible South Noncombustible West Noncombustible	32.3
3.22b Spatial Separation Continued: EBF (Repetitive) Construction Type: North Noncombustible East Noncombustible South Noncombustible West Noncombustible	32.3
3.23a Plumbing Fixture Requirements: Ratio: Male/Female = 50/50 Except as noted otherwise	37.4, 38.2.3
3.23b Plumbing Fixture Requirements Continued: Floor Level/Area Occupancy Based On Occupant Load (Persons) Required	31.17 and 31.17.1 (2)
3.24 Energy Efficiency: Compliance Path: New addition will be conforming to Div 2 of SB-10 and ASHRAE 90.1-2010	12.2.1.2
3.25 Sound Transmission Design: Is there more than 1 dwelling unit per building? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	SB-3, 12.1.2.2, 58.1.4, 58.1.5
3.25 Notes:	

<b>Name of Practitioner:</b> Snyder Architects Inc. 100 Broadview Ave., Suite 301, Toronto, ON M4M 3H3	
<b>Name of Project:</b> Glenview Public School Gym Addition	
<b>Location:</b> 143 Townsend Ave., Burlington, ON L7T 1Z1	
<b>Date:</b> 2024 02 27	
<b>Ontario Building Code Data Matrix Part 11 - Renovation of Existing Building</b>	
11.00 Building Code Version: O.Reg. 332/12 Last Amendment: O.Reg. 191/14	
11.01 Project Type: <input type="checkbox"/> Addition <input checked="" type="checkbox"/> Renovation <input type="checkbox"/> Addition and renovation <input type="checkbox"/> Change of use	(b) 11.2
11.02 Major Occupancy Classification: <input checked="" type="checkbox"/> Assembly <input type="checkbox"/> Use <input type="checkbox"/> Elementary School	31.2.1 (1)
11.03 Superimposed Major Occupancies: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	32.2.7
11.04 Building Area (m <sup>2</sup> ): Description: Existing New Total	(b) 14.1.2
First Floor	2,861.10 2,861.10
	0 0 0
	0 0 0
	0 0 0
	0 0 0
Insert additional lines as needed	
Total	2,861.10 0 2,861.10
11.05 Building Height: 1 Storeys above grade (m) Above grade 0 Storeys below grade	(b) 14.1.2 & 32.1.1
11.06 Number of Street/Firefighter access: 1 street(s)	32.2.6, 32.2.5
11.07 Building Size: <input type="checkbox"/> Small <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Large <input type="checkbox"/> > Large	11.12.1.1.8-A
11.08 Existing Building Classification: <input checked="" type="checkbox"/> Change in Major Occupancy <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable (no change of major occupancy)	11.2.1
11.09 Renovation type: <input checked="" type="checkbox"/> Basic Renovation <input type="checkbox"/> Extensive Renovation	11.3.3.1, 11.3.3.2
11.10 Occupant Load: Floor Level/Area Occupancy Based On Occupant Load (Persons) Required	31.17
11.11 Plumbing Fixture Requirements: Ratio: MF = 50/50 Except as otherwise noted	37.4
11.12 Barrier-free Design: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	11.3.3.2 (2)
11.13 Reduction in Performance Level: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.1, 11.4.2.2, 11.4.2.3, 11.4.2.4, 11.4.2.5
11.14 Compensating Construction: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.1, 11.4.3.2, 11.4.3.3, 11.4.3.4, 11.4.3.5, 11.4.3.6, 11.4.3.7
11.15 Compliance Alternative Proposed: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	11.5.1
11.16 Notes:	11.5.1

OCCUPANT LOAD CALCULATION (per OBC table 3.1.17.1)

SPACE			OCCUPANT LOAD	
			CONCURRENT	NON-CONCURRENT
EXISTING SCHOOL BUILDING	CLASSROOMS	5 KG + 10 CLASSROOMS @ 30P/CLASSROOM	450	-
	OFFICE / STAFF / SERV. / RESOURCE	TOTAL AREA = 288m <sup>2</sup> / 9.3 = 29	29	-
	STOR. / CUST. / MECH.	(3STOR + MECH + CUST.) TOTAL = 114m <sup>2</sup> / 46 = 2	2	-
GYMNASIUM ADDITION	GYMNASIUM	452m <sup>2</sup> / 0.75 = 603	-	603
	STORAGE	(3 STORAGE) TOTAL = 61m <sup>2</sup> / 46 = 1	-	1
TOTAL CONCURRENT OCCUPANT LOAD			481	
MAX OCCUPANT LOAD				603

PLUMBING FIXTURE CALCULATIONS

MAX. OCCUPANT LOAD FOR PLUMBING CALCULATIONS  
481 + 120 (5 PORTABLES) + 24 (1 FUTURE PORTABLE) = 625

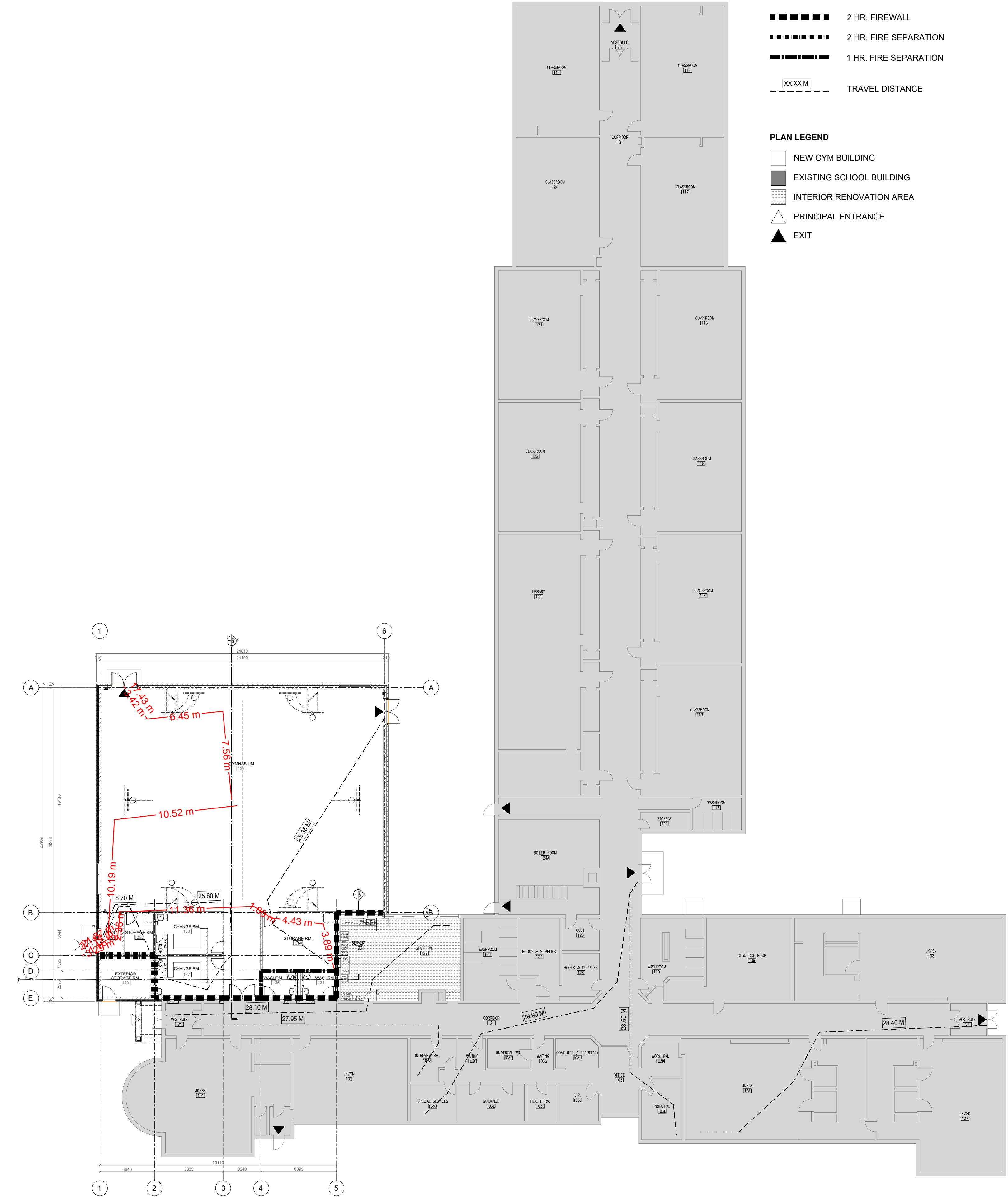
WASHROOM FIXTURE PROVISIONS		
	MALE	FEMALE
EXISTING BUILDING	13	14
GYM ADDITION	2	2
TOTAL	15	16

OCCUPANT LOAD BASED ON PLUMBING FIXT. PROVISIONS	
16'26 X 2 = 780	

EXIT WIDTH CALCULATION

DOORS	
WIDTH [mm]	EXIT CAPACITY
1050 x 5 = 5,250	5,250 / 6.1 = 861

Reference: 1) OBC 3.4.3.2 Exit Width.  
2) OBC 3.4.3.4 Exit Width Reduction



1 A102 GYM ADDITION - FIRE SEPARATION AND TRAVEL DISTANCE LAYOUT

Glenview Public School  
Gym Addition

143 Townsend Ave., Burlington, ON L7T 1Z1

Architects

snyder

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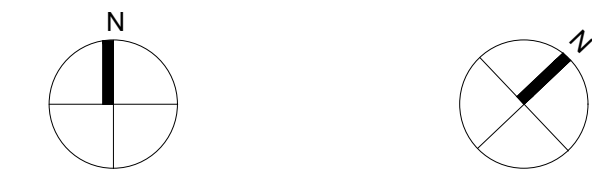
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Key Plan N.T.S.

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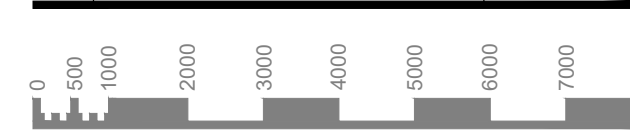
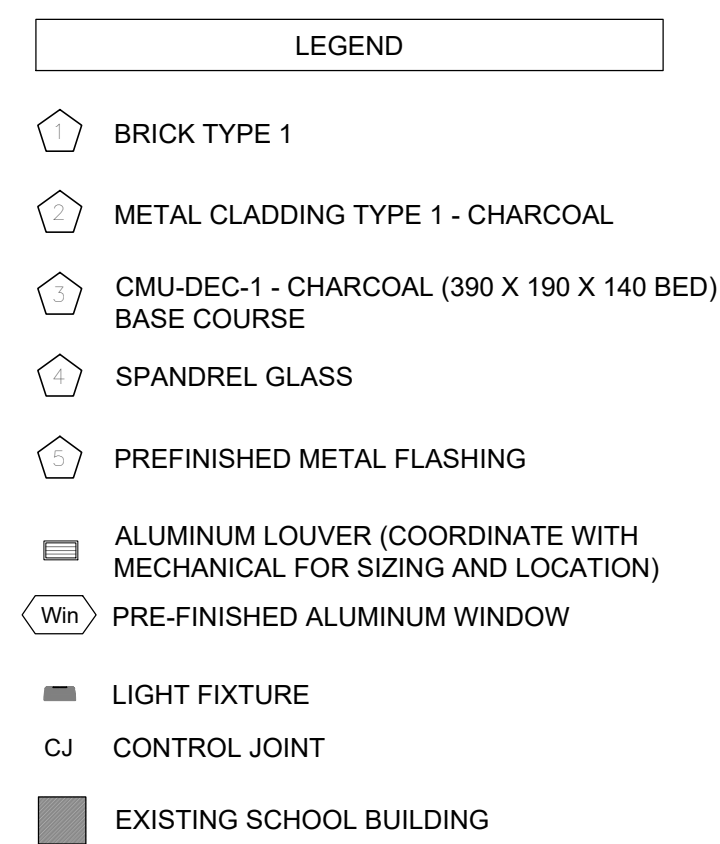
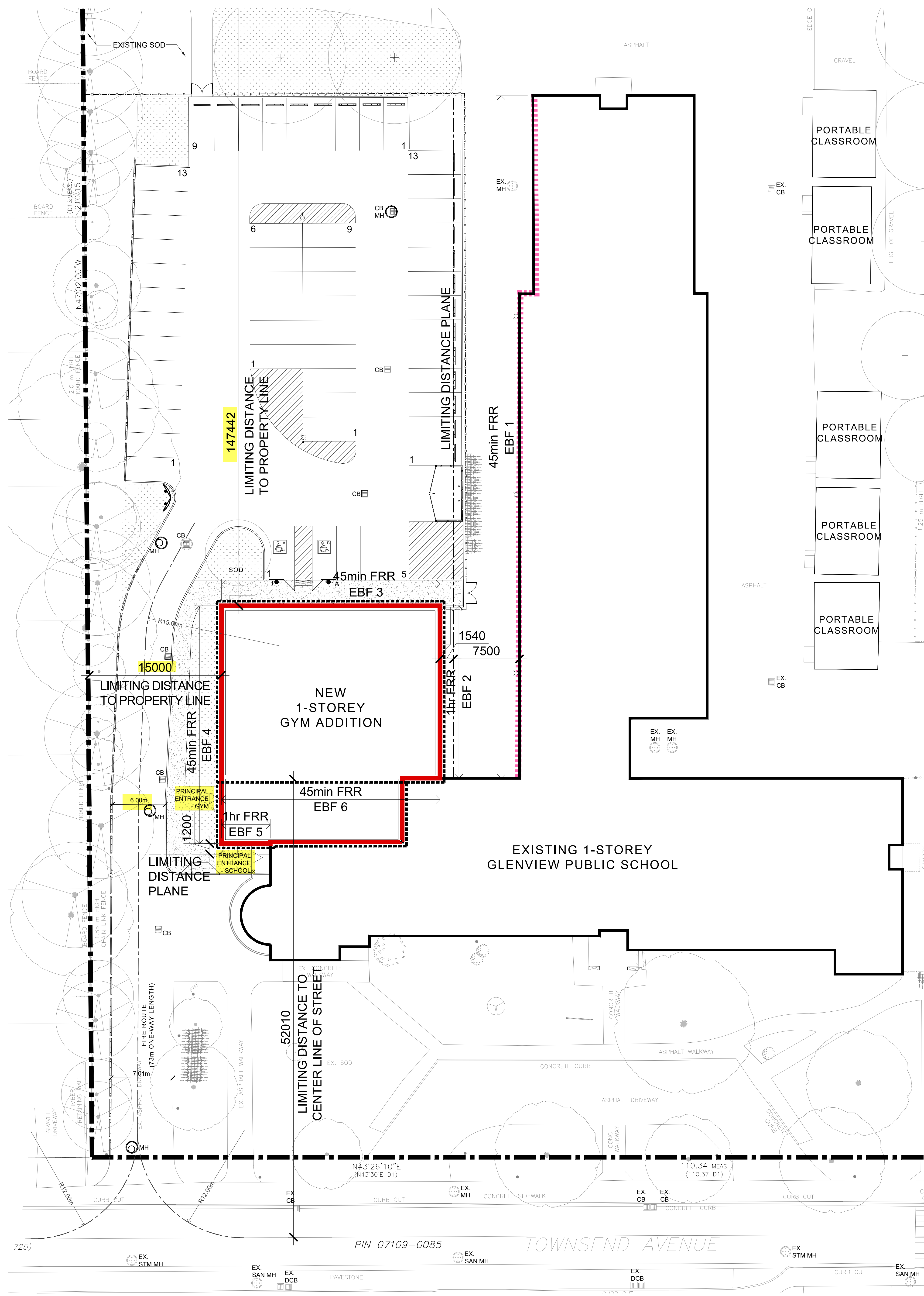
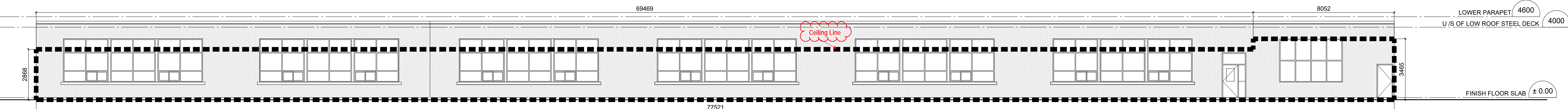
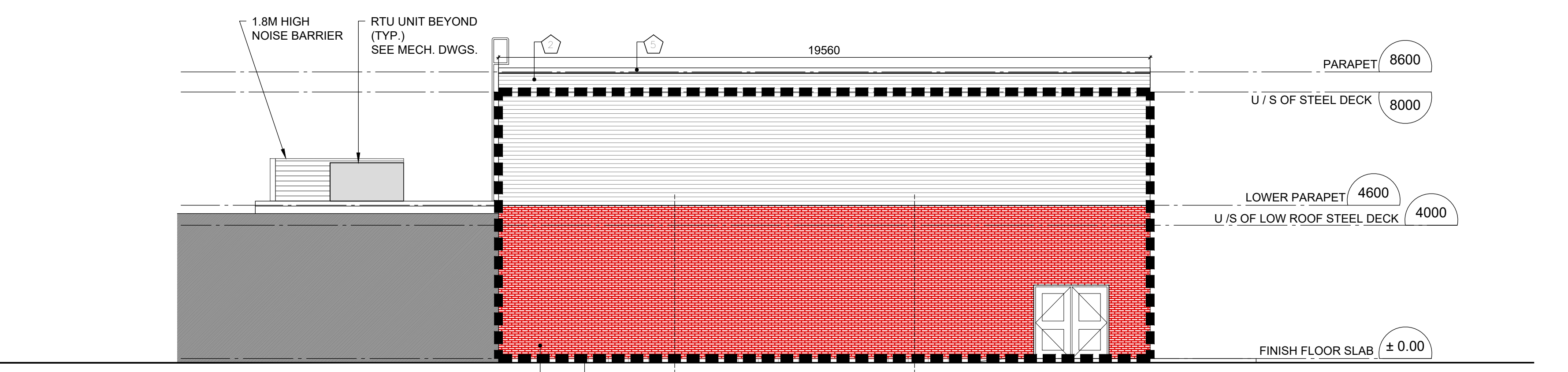
ALL CONSTRUCTION TO  
MEET ONTARIO BUILDING  
CODE REQUIREMENTS



Project North True North

No. Revisions Date















Glenview Public School  
Gym Addition

143 Townsend Ave.,  
Burlington, ON, L7T 1Z1

Architects

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Landscape Consultant

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Hamilton, ON L8L 6N4  
Tel: 905-681-7604

Key Plan N.T.S.

ALL CONSTRUCTION TO  
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CODE REQUIREMENTS

RECEIVED  
MAY 03 2024  
CITY OF BURLINGTON  
BUILDING DEPARTMENT



Project North True North

No. Revisions Date

1. Issued for Building Permit 2024 05 02

No Revision Date

1 2000 4000 6000 8000 10000

Scale 1:100 Unless Indicated Otherwise

General Contractor shall check and verify all dimensions and report all errors and omissions to the Architect. Do not scale the drawings. Drawings shall not be used for construction purposes until issued by the Architect for construction.



Drawing Title:

PARTIAL FLOOR &  
ROOF PLAN -  
DEMOLITION

Scale: AS NOTED Date: 2024 02 13

Drawn by: AP Checked by: AG

Job No. Drawing No.

2314

A201

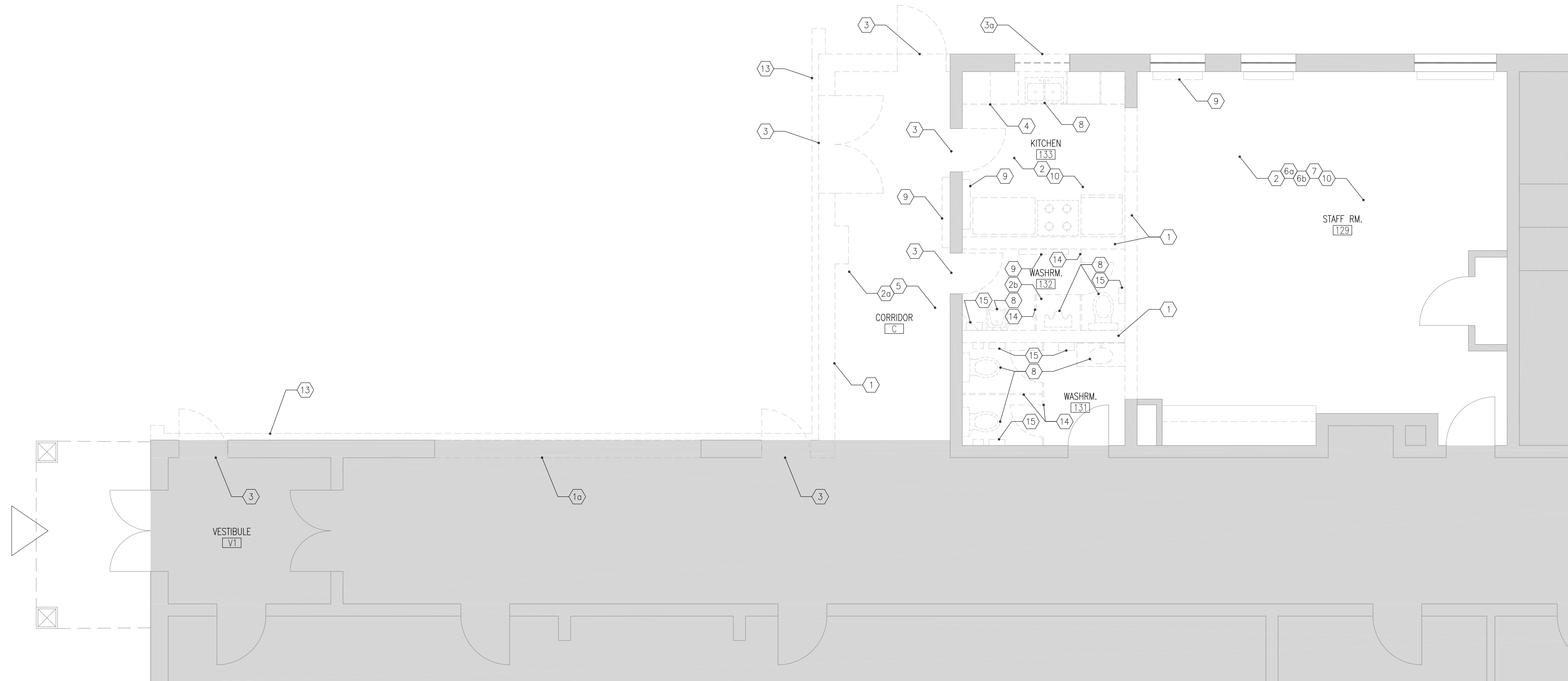
This drawing is sized for 36"x48" sheet size.  
Plot the above job. Plot the drawings accordingly.

GENERAL DEMOLITION NOTES

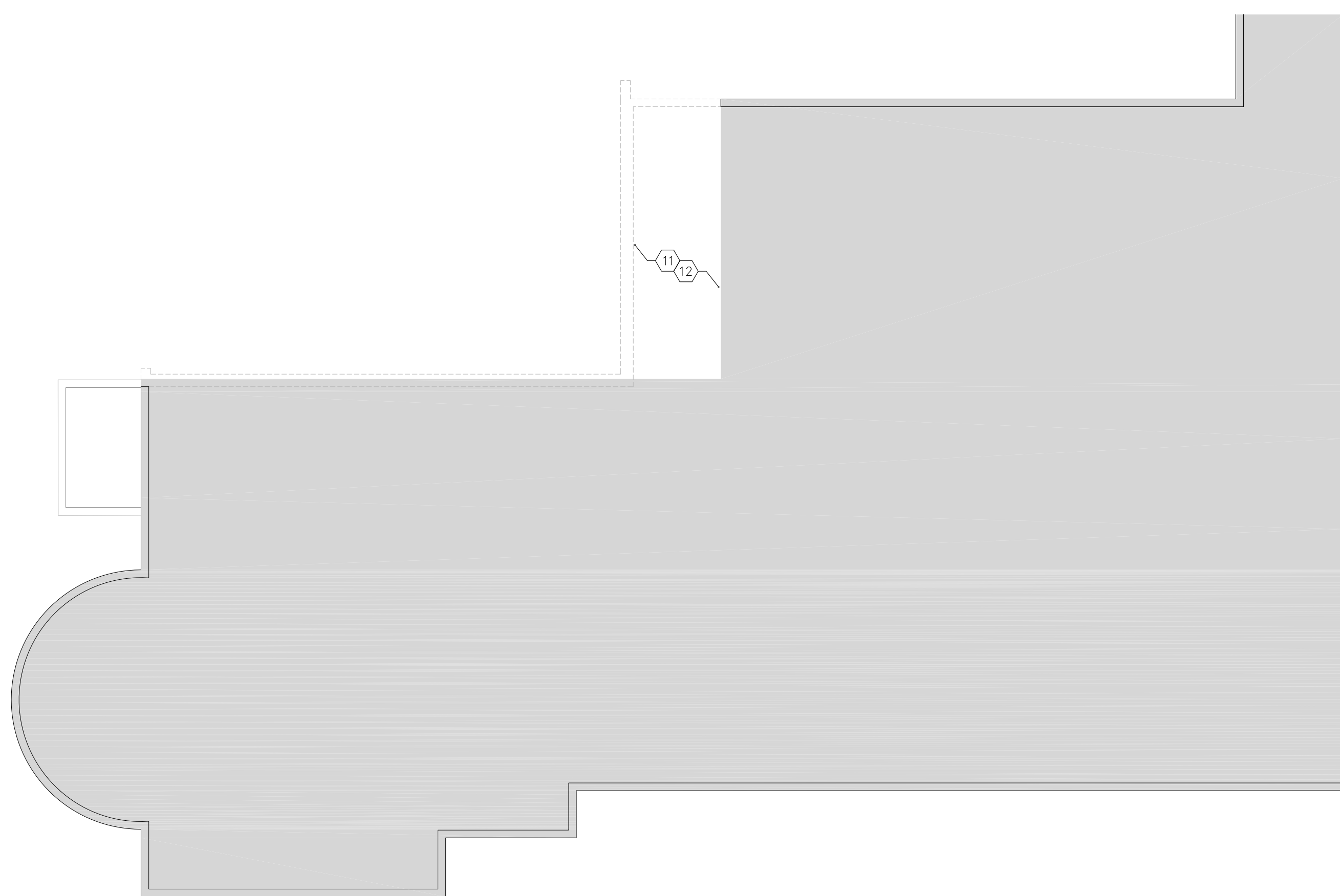
- DEMOLITION WORK MUST BE COORDINATED WITH ABATEMENT SPECIFICATION SECTIONS IN THE PROJECT MANUAL.
- PROTECT AND PROPERLY STORE ANY DOORS TEMPORARILY REMOVED BY CONTRACTOR TO FACILITATE CONSTRUCTION ACTIVITIES. REINSTATE AFTER CONSTRUCTION IS COMPLETED.
- ARCHITECTURAL DEMOLITION DRAWINGS MUST BE READ IN CONJUNCTION WITH STRUCTURAL, MECH. AND ELEC. DEMOLITION DRAWINGS. REFER TO STRUCTURAL, MECH. & ELEC. DEMOLITION DRAWINGS FOR COORDINATION.
- CONTRACTOR TO PATCH, REPAIR, AND MAKE GOOD ALL HOLES OR DAMAGE DUE TO GENERAL DEMOLITION ON EXISTING MASONRY SURFACES TO REMAIN.
- CONTRACTOR TO FILL IN AND FINISH HOLES LEFT ON THE FLOORS OR WALLS AFTER DEMOLITION TO MATCH WITH EXISTING SURROUNDING MATERIALS.
- CONTRACTOR TO ENSURE THAT THE PORTION OF THE BUILDING BEING RETAINED IS HANDED BACK TO THE OWNER (ON COMPLETION OF CONSTRUCTION) IN A CONDITION SIMILAR TO ITS EXISTING CONDITION OR BETTER. THIS REQUIREMENT INCLUDES PROVISION OF ALL NECESSARY PROTECTIVE MEASURE LINE SECURITY, PROTECTION FROM THE ELEMENTS AND WEATHER, HEATING, DEHUMIDIFICATION AS NECESSARY, ETC.

DEMOLITION NOTES

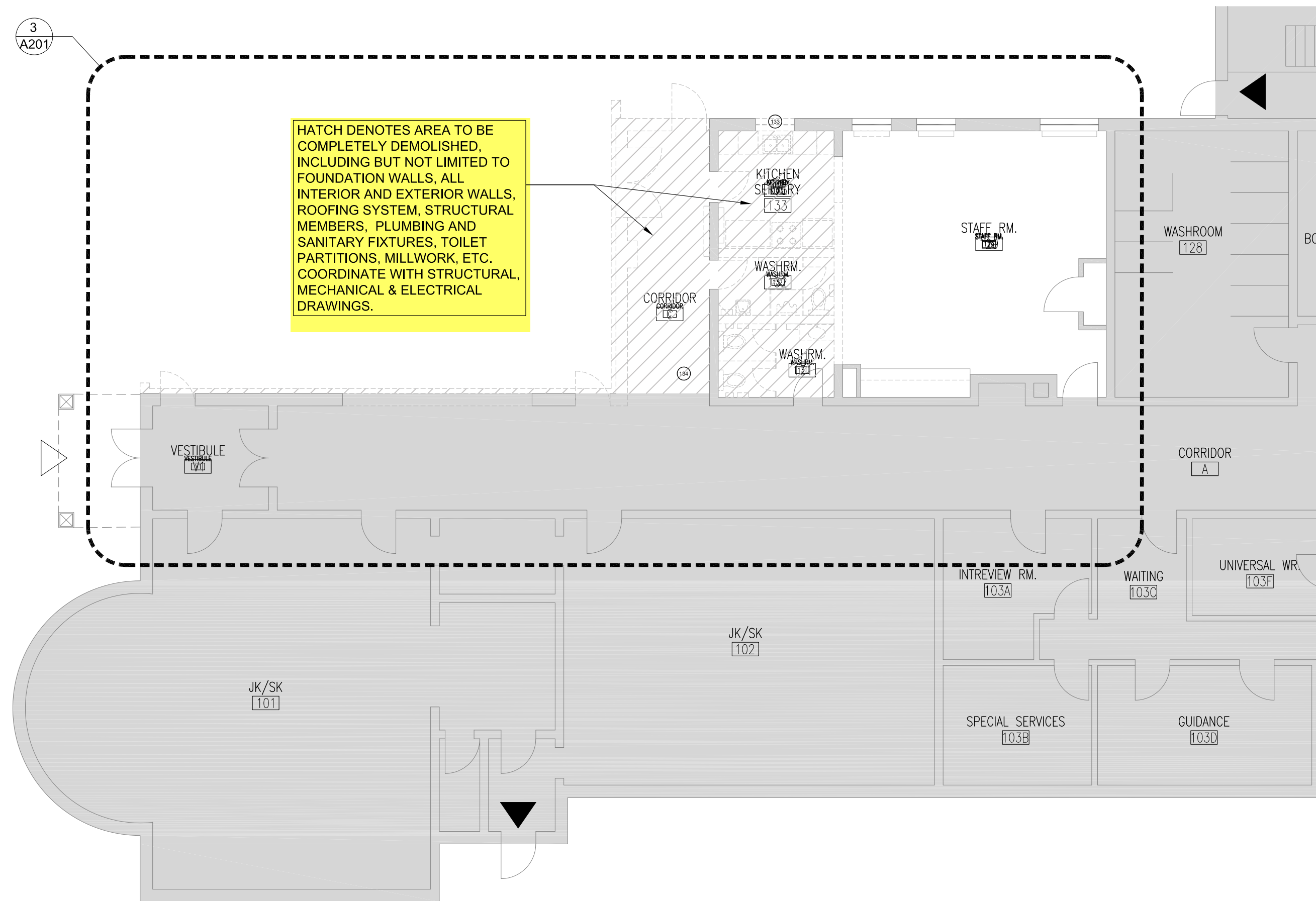
- DEMOLISH AND DISPOSE OF EXISTING MASONRY WALL ASSEMBLY (FULL HEIGHT). COMPLETE WITH ASSOCIATED COMPONENTS. FILL IN CONCRETE BLOCK HOLES AND/OR MASONRY ROUGH SURFACES WITH CEMENTITIOUS MATERIAL TO MAKE SMOOTH FOR RECEIVING NEW FINISH MATERIAL.
- DEMOLISH AND DISPOSE OF EXISTING MASONRY WALL ASSEMBLY (UP TO NEW UNTEL). REMOVE EDGE BLOCKS AND SAW TOOTH IN NEW SOLID CMU TO FORM NEW EDGE. COORDINATE W/ STRUCT. / MECH. / ELEC. DWGS FOR ADDITIONAL DEMOLITION SCOPE OF WORK. REFER TO DETAIL (A/A01). MAKE GOOD AFFECTED SURFACES.
- REMOVE AND DISPOSE OF EXISTING VCT FLOORING & WALL BASE. MECHANICALLY REMOVE ADHESIVES TO A SMOOTH HAVE A SMOOTH SURFACE READY TO RECEIVE SKIM COAT. SUBSEQUENTLY APPLY SKIM COAT OF CEMENTITIOUS TOPPING TO ENCAPSULATE REMAINING ADHESIVE AND FURTHER MAKE SMOOTH FOR APPLICATION OF SPECIFIED FLOOR FINISH.
- REMOVE AND DISPOSE OF EXISTING TERRAZO FLOORING & BASE. MAKE GOOD FLOOR AND EDGE OF RETAINED SLAB TO RECEIVE NEW FLOOR FINISH. COORDINATE WITH MECH. DWGS FOR ADDITIONAL DEMO AS REQUIRED FOR MECH CONNECTIONS.
- REMOVE AND DISPOSE OF EXISTING RAISED FLOORING & BASE COMPLETE WITH GRINDING FLOOR SMOOTH TO RECEIVE A SKIM COAT AND SUBSEQUENTLY RECIEVE NEW FLOOR FINISH.
- REMOVE AND DISPOSE OF EXISTING DOOR & FRAME WITH ASSOCIATED COMPONENTS. AND MAKE GOOD AFFECTED SURFACES TO RECEIVE NEW WORK.
- REMOVE AND DISPOSE OF EXISTING WINDOW & FRAME WITH ASSOCIATED COMPONENTS. INCL. ROLLER SHADES AND MAKE GOOD AFFECTED SURFACES TO RECEIVE NEW WORK.
- REMOVE AND DISPOSE OF EXISTING MILLWORK ASSEMBLIES COMPLETE WITH ASSOCIATED APPLIANCES. PLUMBING AND ELECTRICAL - COORDINATE W/ MAKE DWGS AND MAKE GOOD AFFECTED SURFACES.
- REMOVE AND DISPOSE OF EXISTING ACT CEILING WITH ELECTRICAL FIXTURES AND OTHER DEVICES. MAKE GOOD AFFECTED SURFACES. PATCH & MAKE GOOD EXISTING PLASTER GYPSUM BOARD SURFACE ABOVE. ENSURE EXISTING FIRE RATED SUBSTRATE IS MAINTAINED. COORDINATE W/STRUCT. MECH. ELEC. DWGS FOR ADDITIONAL DEMOLITION SCOPE FOR WORK.
- REMOVE AND STORE EXISTING ACT TILES FOR REUSE. AS REQUIRED TO ACCOMMODATE NEW WORK SUPPORT T-BAR WHERE NECESSARY. RETAIN EXISTING LIGHT FIXTURES, MECH DIFFUSERS, AND GRILLS. REFER TO MECH., ELEC. & SPRINKLER DRAWING FOR ADDITIONAL SCOPE AND REQUIREMENTS. REINSTALL ACT TILES AFTER COMPLETION OF MECH. SERVICES- RENOVATION WORK. UNDAMAGED CLG COMPONENTS ARE ACCEPTABLE FOR REUSE.
- RETAIN EXISTING ACT CEILING. SUPPORT T-BAR AS NECESSARY DURING DEMOLITION OF EXISTING WALL. COORDINATE WITH ELEC. DRAWINGS.
- COVER AND PROTECT EXISTING LIGHT FIXTURES. COORDINATE WITH ELEC. DRAWINGS.
- REMOVE AND DISPOSE OF EXISTING FIXTURES AND ALL ASSOCIATED PLUMBING. PROVIDE CAPPING FOR SERVICES FLUSH WITH SLAB WHERE INDICATED AND RECONNECT THE REMAINING TO NEW SERVICES. REFER MECH DWG FOR DETAILS. MAKE GOOD AFFECTED SURFACES TO RECEIVE NEW WORK.
- REMOVE AND DISPOSE OF EXISTING RADS WITH ASSOCIATED COMPONENTS. REFER MECH DWG FOR DETAILS. MAKE GOOD AFFECTED SURFACES TO RECEIVE NEW WORK.
- CUT AND DISPOSE OF EXISTING SLAB/FLOOR TO CREATE NEW TRENCH. REFER TO MECH., ELEC. DWGS FOR ADDITIONAL REQUIREMENTS/ UNDER SLAB CONNECTIONS. MAKE GOOD (ALL TRADES). ALL SURFACES READY TO RECEIVE PROPOSED WORK.
- REMOVE AND DISPOSE OF EXISTING ROOFING SYSTEM COMPLETE WITH OTHER COMPONENTS, SUCH AS (BUT NOT LIMITED TO) METAL FLASHING, ROUGH CARPENTRY, TRUSSET ASSEMBLY (WHERE REQUIRED). CLEAN ROOF DECK SURFACE WITH PROPER TREATMENT MATERIALS TO RECEIVE NEW MEMBRANE. REFER TO MECH. & ELEC. DRAWINGS FOR ADDITIONAL DEMOLITION SCOPE IN THE ROOF AREA.
- CUT, REMOVE AND DISPOSE OF EXISTING ROOF DECK COMPLETE WITH ASSOCIATED COMPONENTS. REFER TO STRUCT., MECH. & ELEC. FOR DEMOLITION COORDINATION.
- REMOVE AND DISPOSE OF EXISTING EXTERIOR METAL WALL PANELS COMPLETE WITH ASSOCIATED COMPONENTS.
- REMOVE AND DISPOSE OF EXISTING TOILET PARTITIONS COMPLETE WITH ASSOCIATED COMPONENTS.
- REMOVE AND DISPOSE OF EXISTING TOILET ACCESSORIES AND MILLWORK COMPLETE WITH ASSOCIATED COMPONENTS.



3 PARTIAL FLOOR PLAN - DEMO  
A201 1:50



2 PARTIAL ROOF PLAN - DEMO  
A201 1:100



1 PARTIAL FLOOR PLAN - DEMO  
A201 1:100





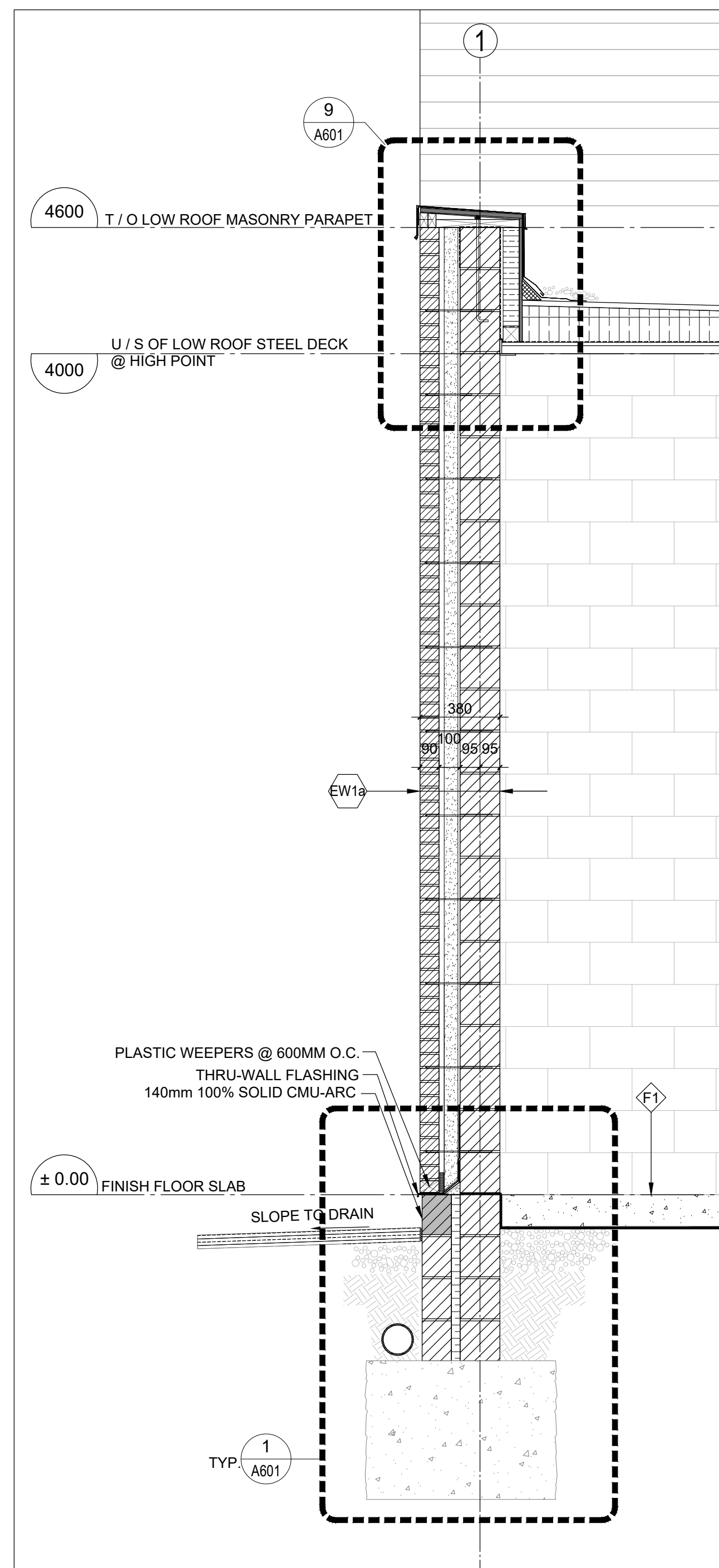




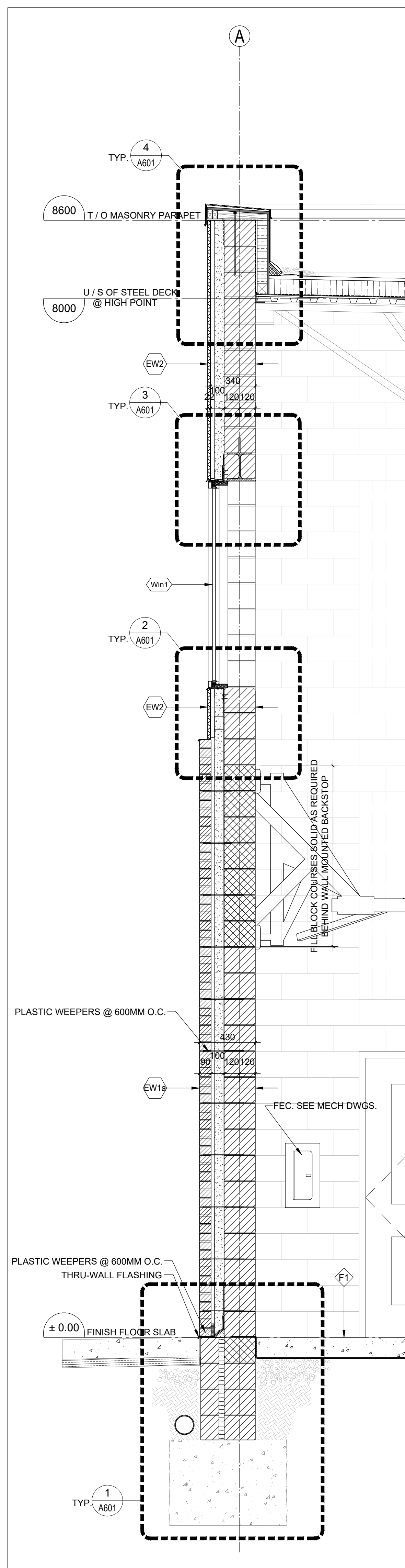


- With an elevated access, a cage must be provided where the top of the ladder is greater than 5 metres (16 feet) above ground level, roof or floor and where there is a danger of a worker falling from the ladder to the ground level, roof or floor, even if the length of the climb is less than 5 metres (16 ft). (See Fig. 3 and 4).
- An elevated access from a platform having 1.2 metres (48 inches) (or more) clearance between the ladder and any adjacent guard or rail, may utilize a standard cage (as per Figure 3).
- An elevated access from a platform having less than 1.2 metres (48 inches) clearance between the ladder and any adjacent guardrail should have a cage continuous with the guardrail on the side(s) with clearance less than 1.2 metres (48 inches) (Figure 4).
- Cages should be provided with horizontal hoops or bands to help impede the fall of a worker.
- Cages should not be less than 680 mm (27") in width and should extend not less than 680 mm (27") and not more than 760 mm (30") from the centre-line of the rung (measured on the climbed side of the ladder, horizontally and perpendicular to the rung). These restrictions do not apply to the bottom flare of cages.
- The inside of cages must be free of obstructions.
- Cages must be designed to withstand all loads to which they may be subjected.

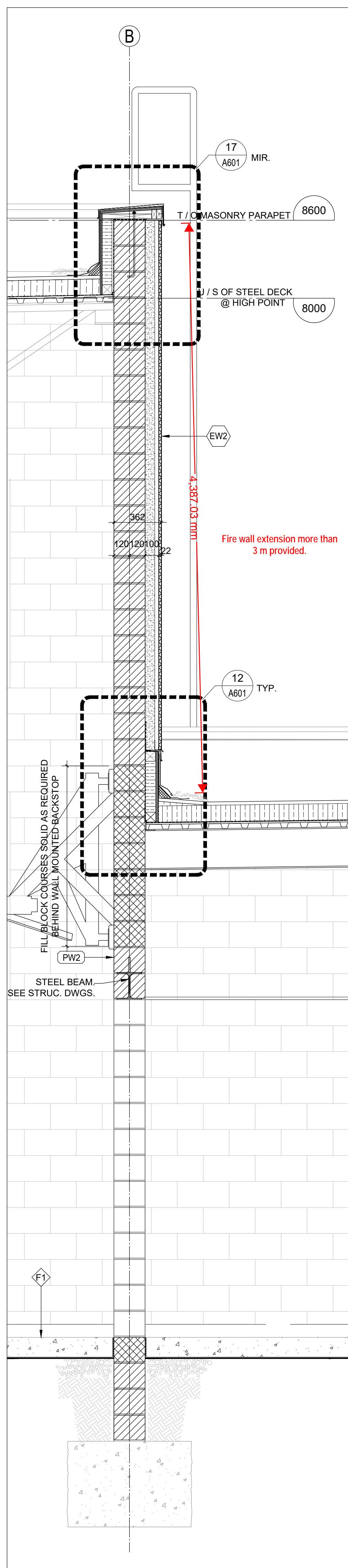
ROOF ACCESS LADDER AND ATTACHMENT SHALL COMPLY  
WITH DIV. B.3.6.1.5., B8-4 AND MINISTRY OF LABOUR  
REQUIREMENTS. PROVIDE STAMPED SHOP DRAWINGS TO  
BUILDING INSPECTOR PRIOR TO INSTALLATION.



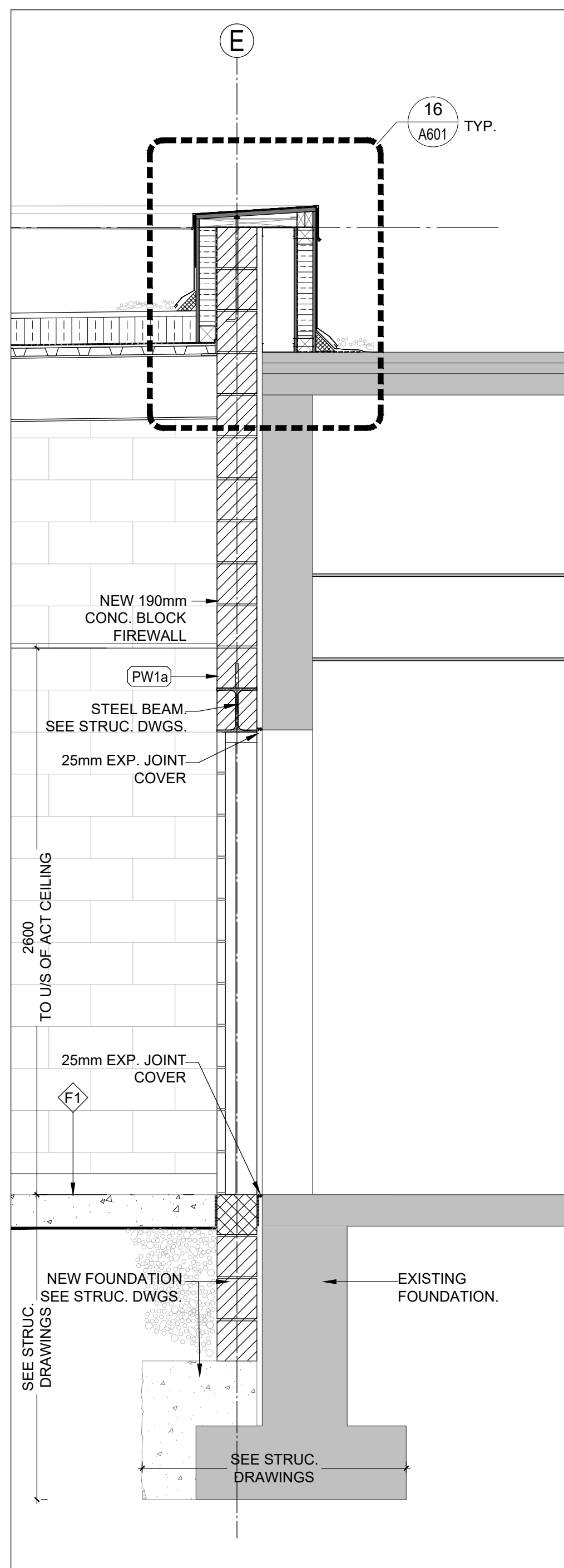
6 WALL SECTION  
A402 1:20



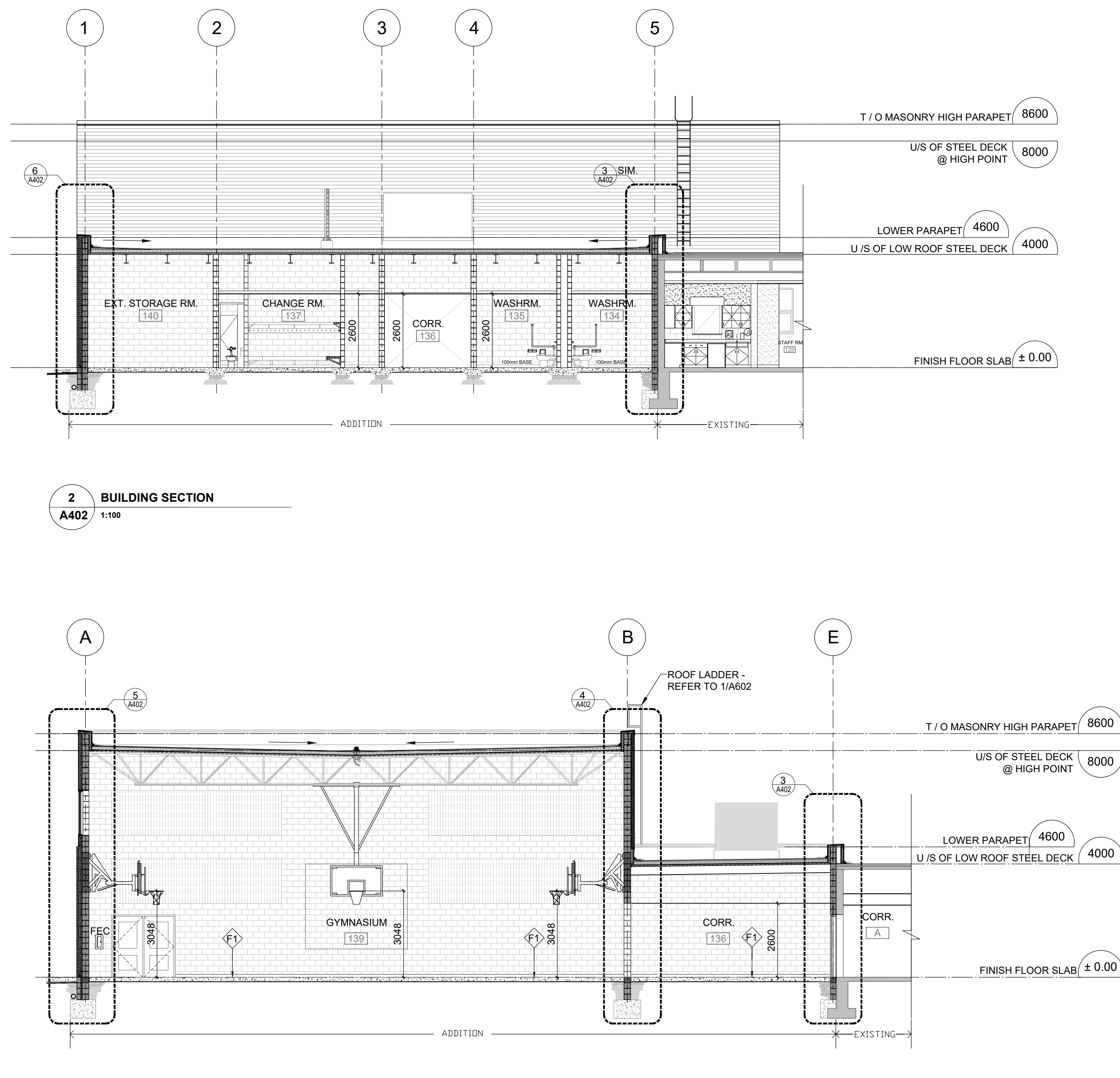
5 WALL SECTION  
A402 1:20



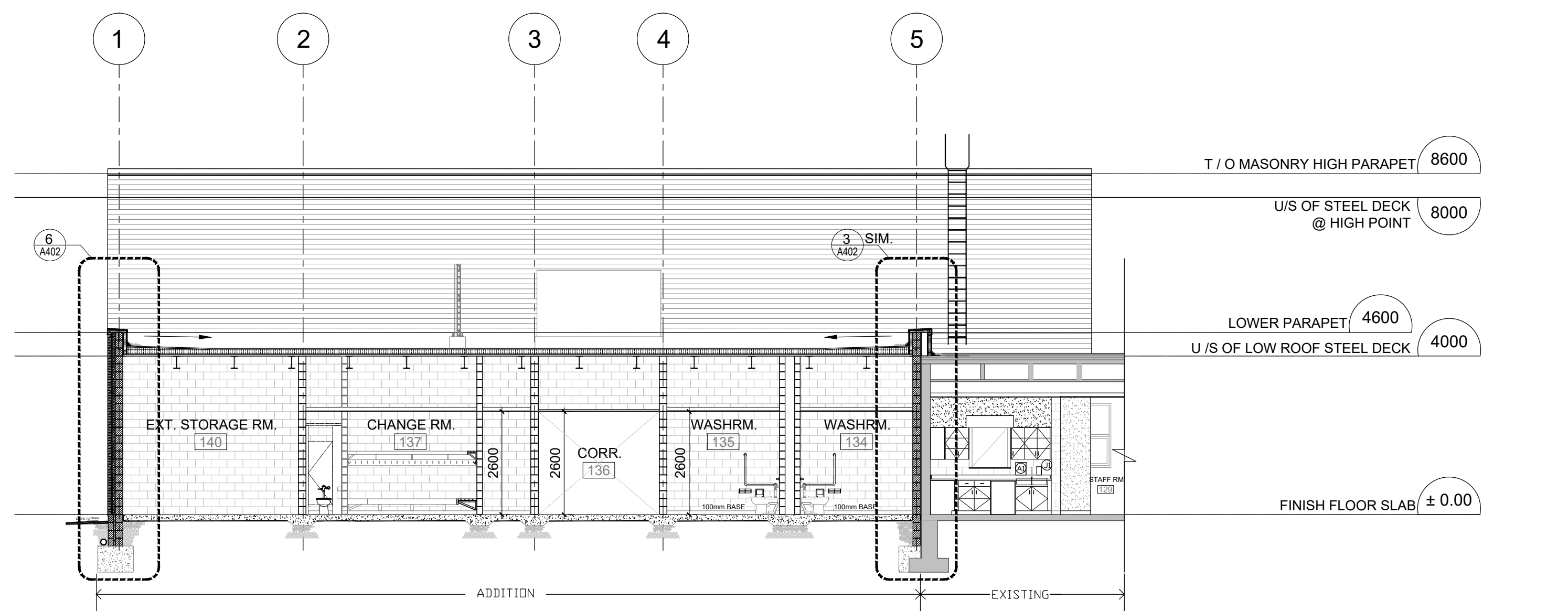
4 WALL SECTION  
A402 1:20



3 WALL SECTION  
A402 1:20



1 BUILDING SECTION  
A402 1:100



2 BUILDING SECTION  
A402 1:100



143 Townsend Ave.,  
Burlington, ON. L7T 1Z1

Mechanical and Electrical Consultants  
**DEI & Associates Inc.**  
55 Northland Rd.  
Waterloo, Ontario, N2V 1Y8  
Tel: 519-725-3555

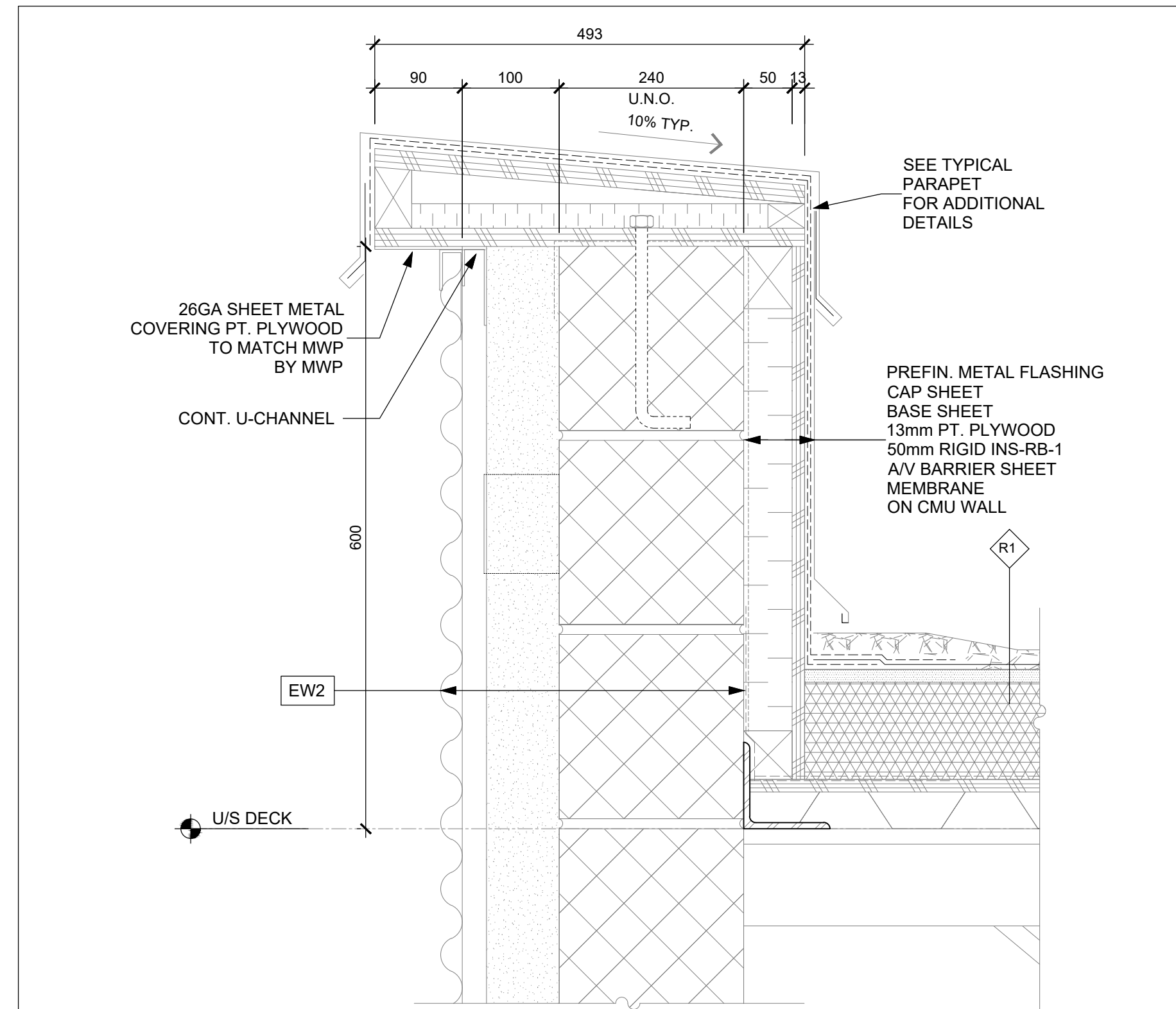
Structural Consultant  
**Kalos Engineering Inc.**  
300 York Boulevard  
Hamilton, ON L8R 3K6  
Tel: 905-333-9119

Civil Consultant  
**Flora Designs Inc.**  
1109 Britannia Rad East,  
Mississauga, ON L4W 3X1  
Tel: 647-496-8055

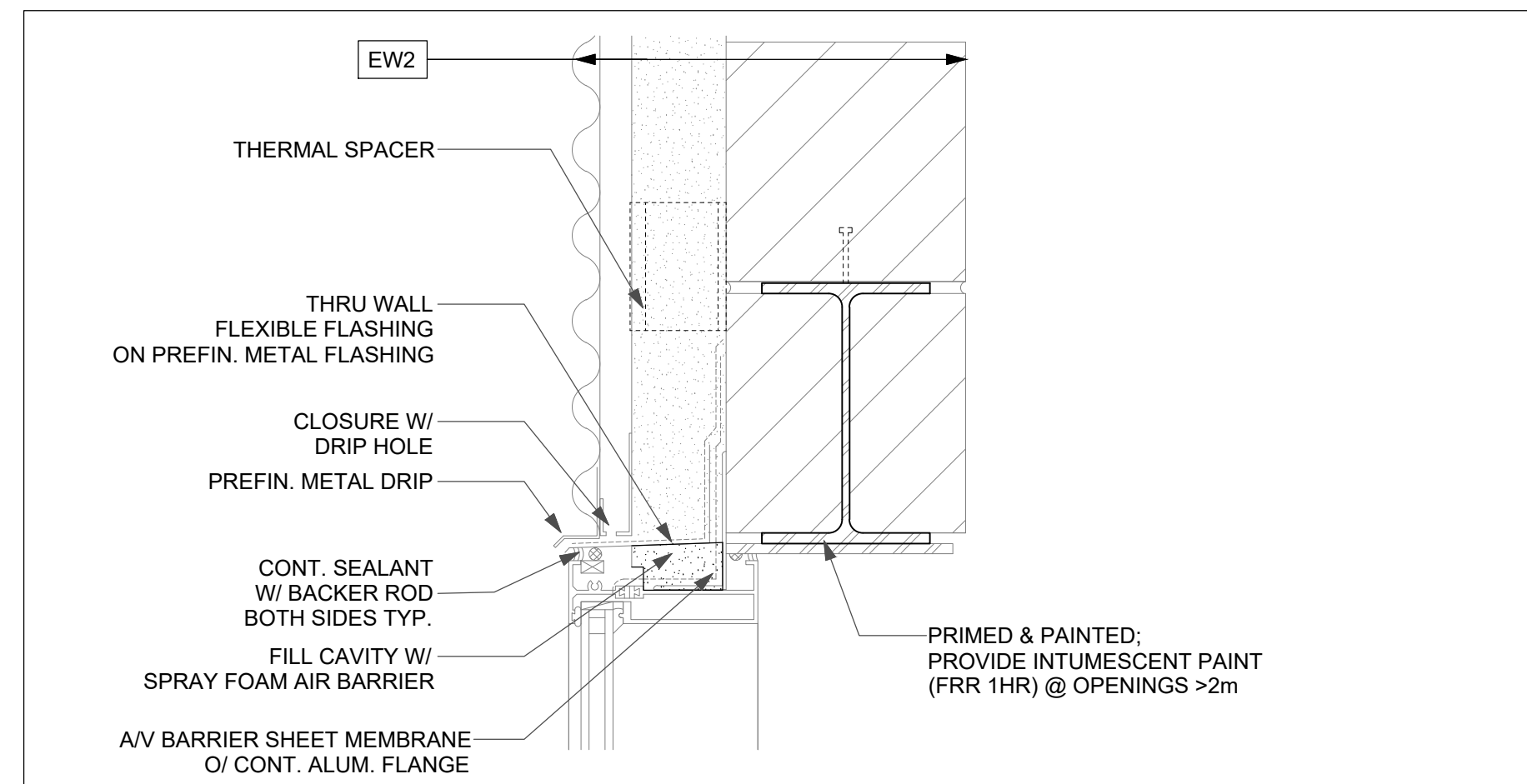
Landscape Consultant  
**OMC Landscape Architecture**  
270 Sherman Ave. N., Suite 315-MILL  
Hamilton, ON L8L 6N4  
Tel: 905-681-7604

Key Plan N.T.S.

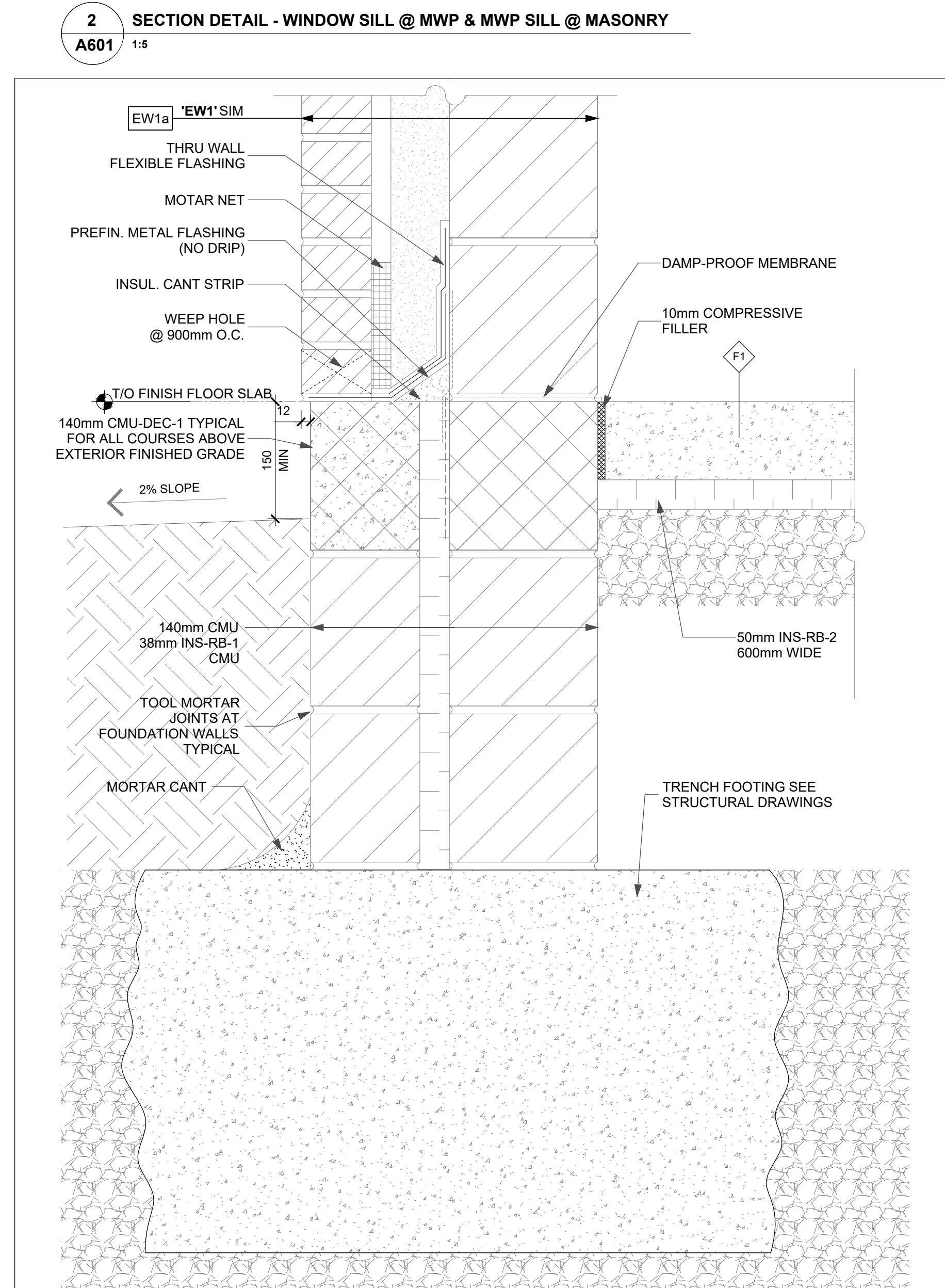
**ALL CONSTRUCTION TO  
MEET ONTARIO BUILDING  
CODE REQUIREMENTS**



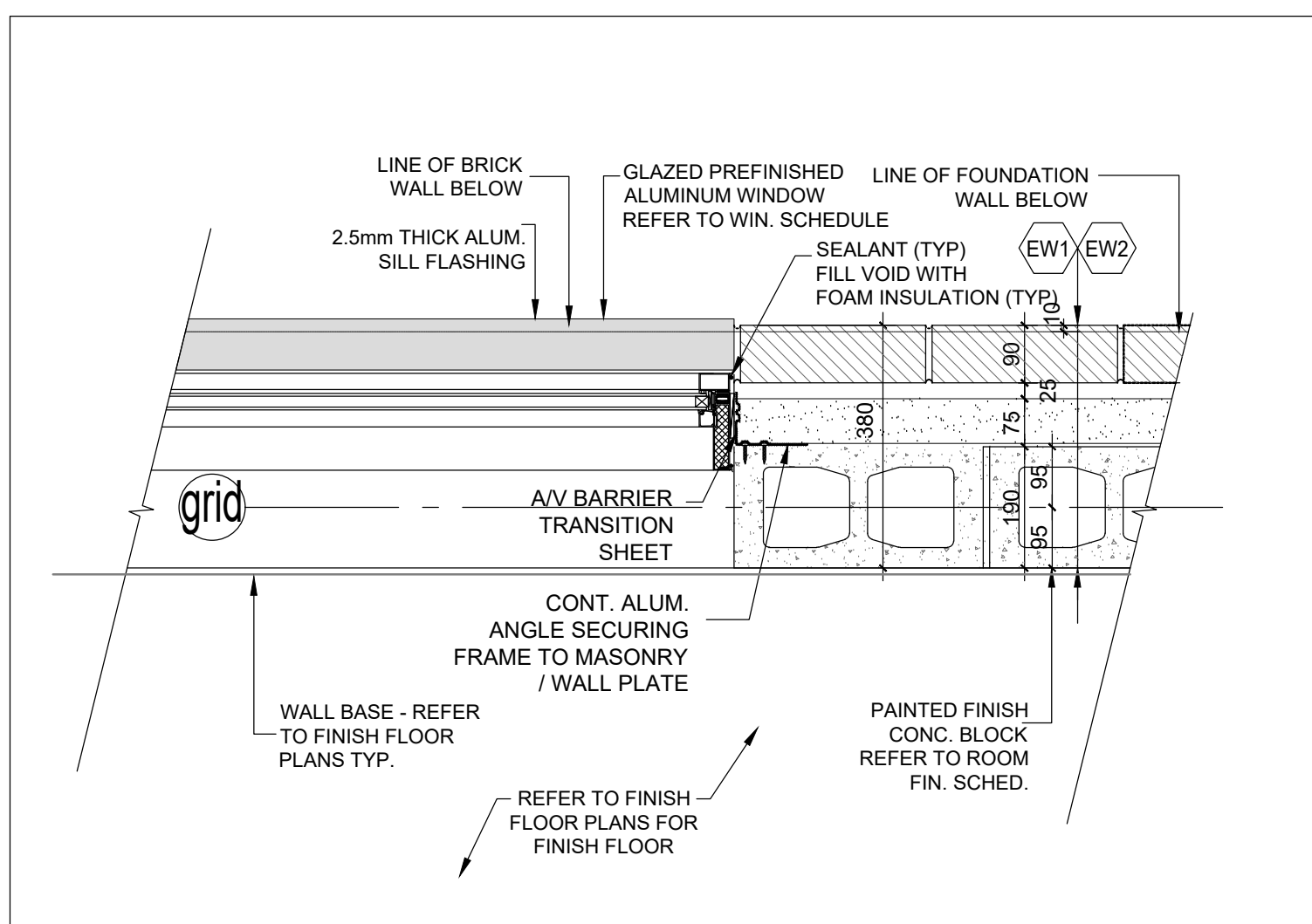
4 SECTION DETAIL - PARAPET @ MWP (TYP.)  
A601 1:5



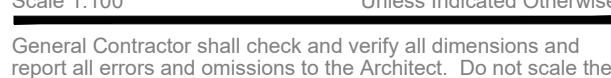
3 SECTION DETAIL - WINDOW HEAD @ MWP  
A601 1:5



**1** SECTION DETAIL - FOUNDATION & SLAB ON GRADE  
**A601** 1:5



**10** TYPICAL WINDOW JAMB DETAIL  
**A601** 1:10

[illegible]

Drawing Title:

## PLAN & SECTION DETAILS

Scale:	AS NOTED	Date:	2024 04 29
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Drawn by: AP	Checked by: AG
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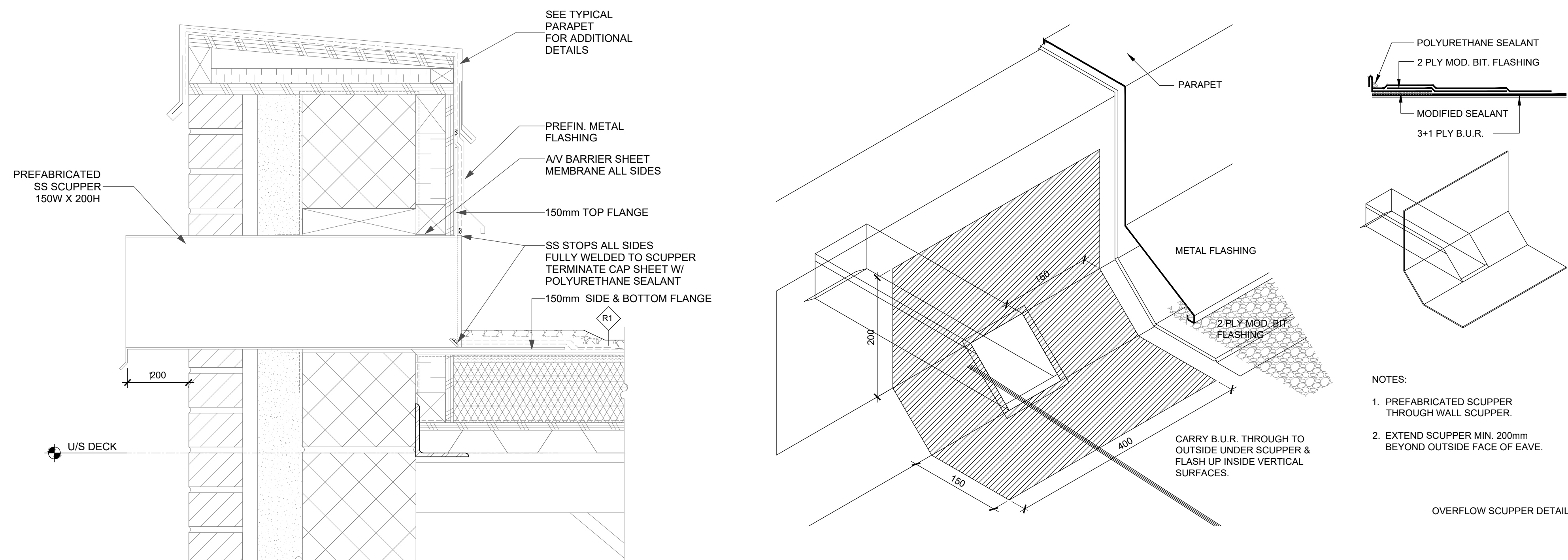
Drawn by: _____	Engineered by: _____
Job No. _____	Drawing No. _____

2314 A601

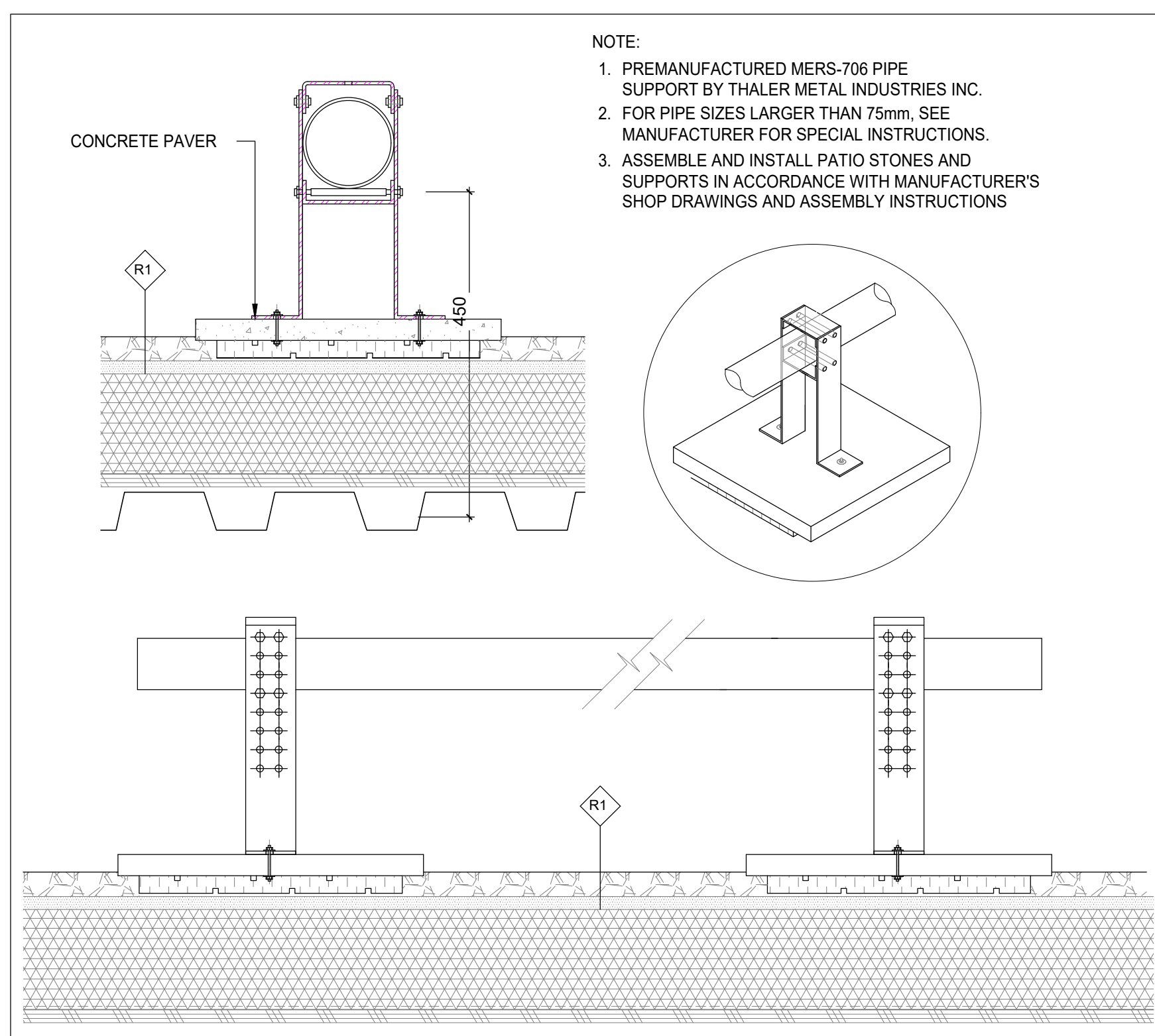


## 5. Safety Cages

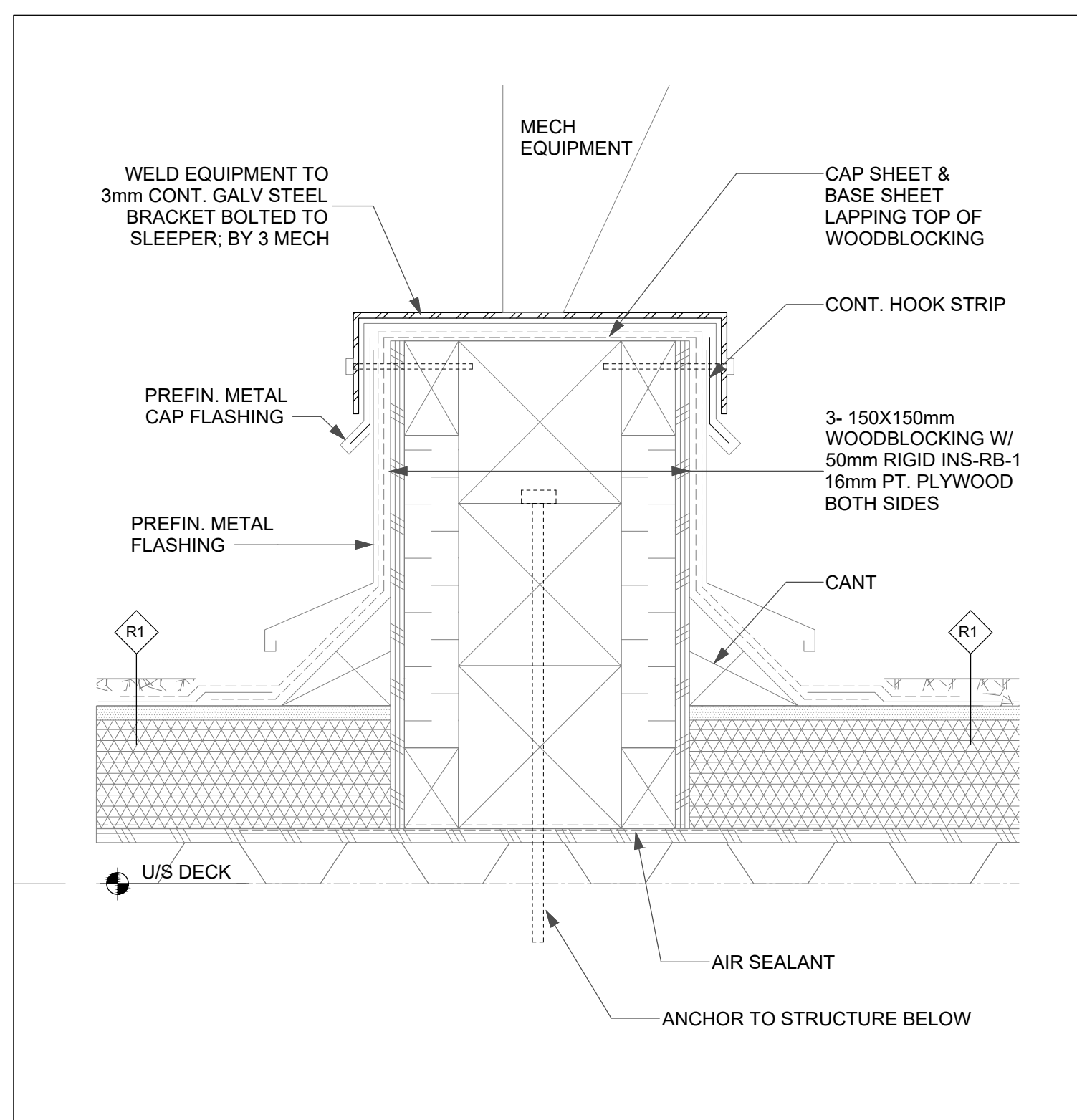
1. With an elevated access, a cage must be provided where the top of the ladder is greater than 5 metres (16 feet) above ground level, roof or floor and where there is a danger of a worker falling from the ladder to the ground level, roof or floor, even if the length of the ladder is less than 4 metres (13 feet).
  - a. An elevated access from a platform having 1.2 metres (48 inches) (or more) clearance between the ladder and any adjacent guard rail, may utilize a 45 degree cage.
  - b. An elevated access from a platform having less than 1.2 metres (48 inches) clearance between the ladder and any adjacent guardrail should have a cage continuous with the guardrail on the side(s) with clearance less than 1.2 metres (48 inches) (Figure 1).
2. Cages should be provided with horizontal hoops or bands to help minimize the fall of a worker.
3. Cages should not be less than 680 mm (27") in width and should extend not less than 680 mm (27") and not more than 760 mm (30") from the centre-line of the rung (measured on the climbed side of the ladder, horizontally and perpendicular to the rung). These restrictions do not apply to the bottom frame of cages.
4. The inside of cages should be smooth.
5. Cages must be designed to withstand all loads to which they may be subjected.



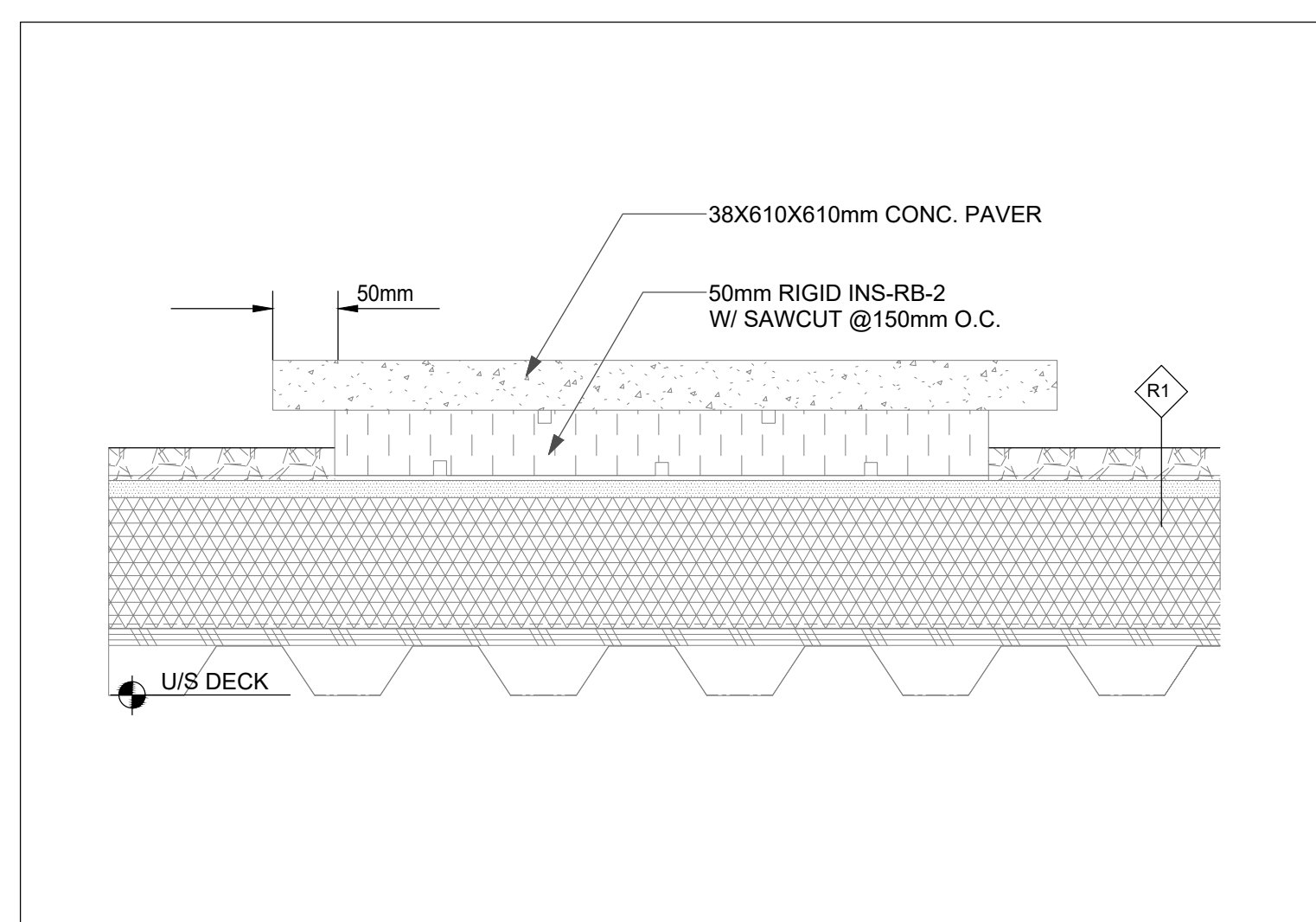
4 SECTION DETAIL - SCUPPER  
A602 1:5



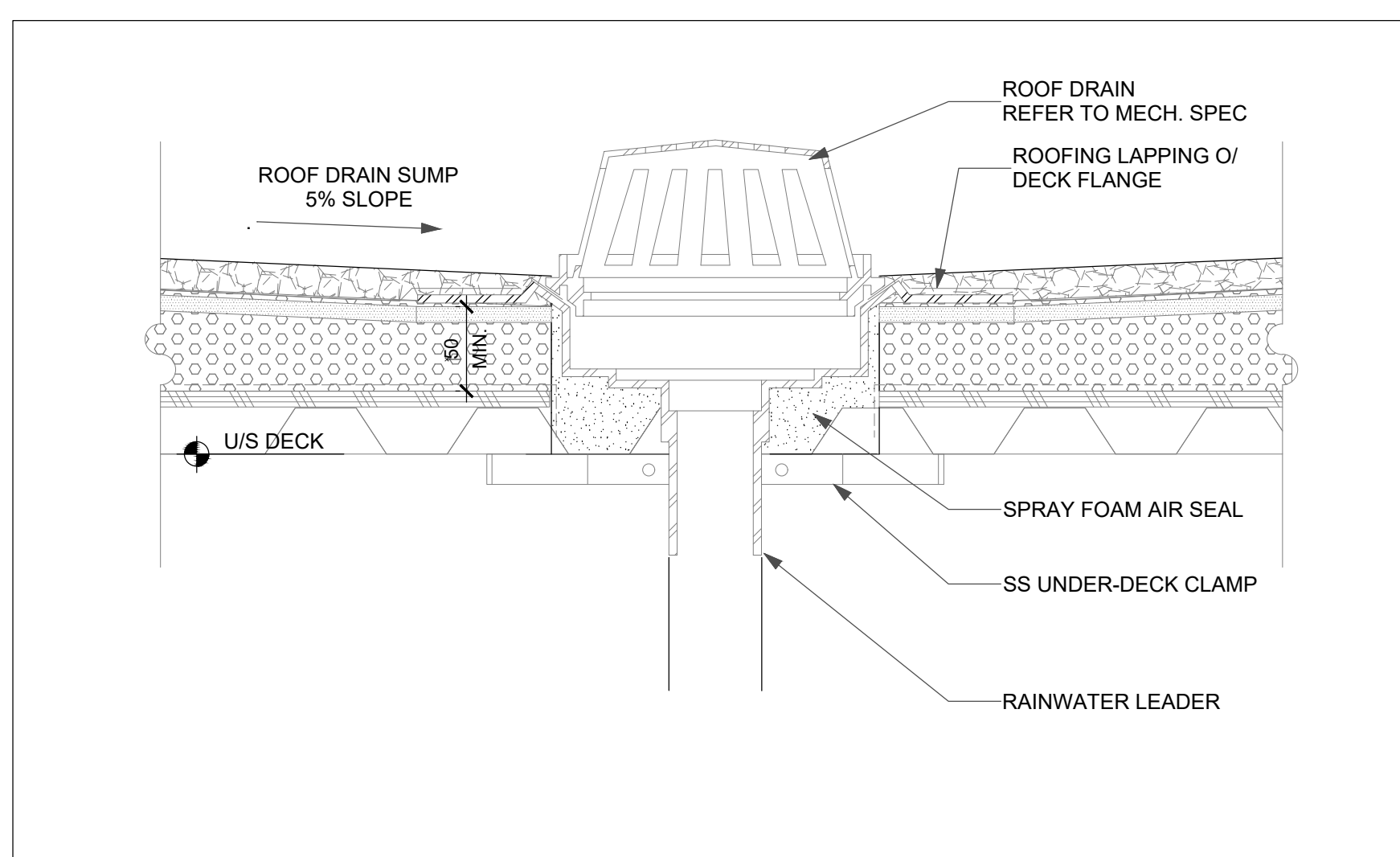
6 PIPE SUPPORT DETAIL  
A602 1:5



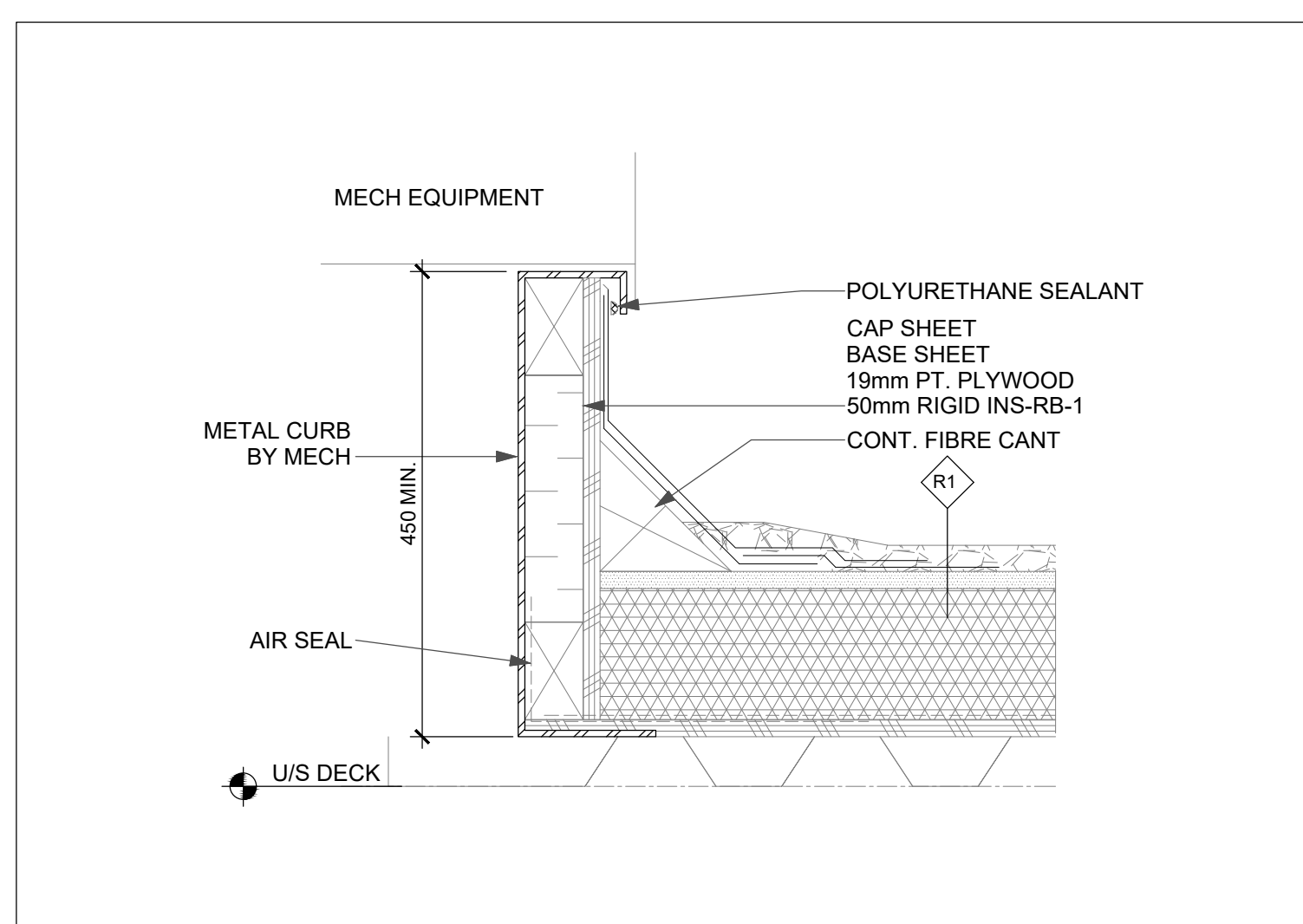
**3** SECTION DETAIL - ROOF SLEEPER  
**A602** 1:5



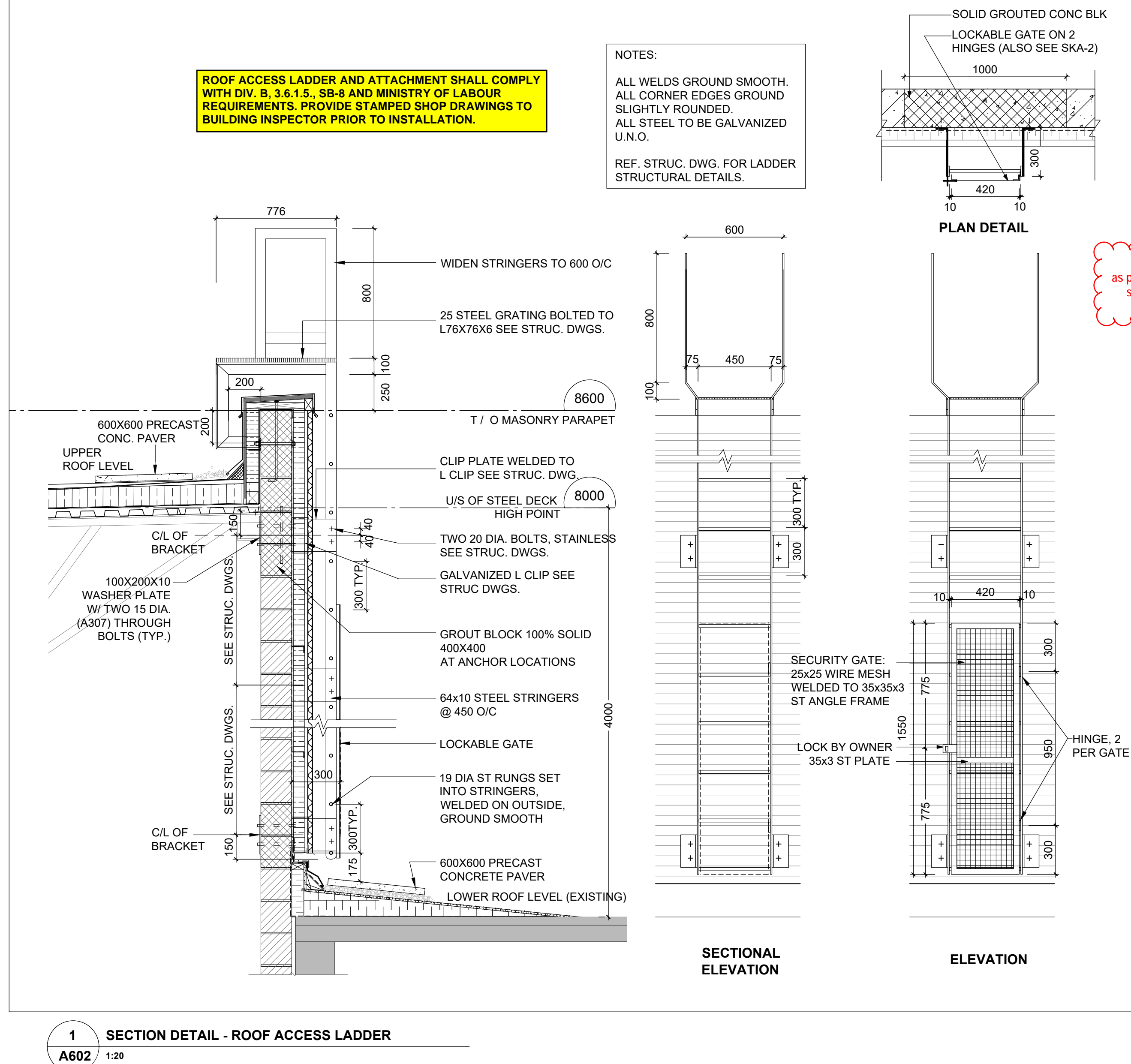
7 SECTION DETAIL - ROOF METAL CURB  
A602 1:5



5 SECTION DETAIL - ROOF DRAIN  
A602 1:5



2 SECTION DETAIL - ROOF METAL CURB  
A602 1:5



1 SECTION DETAIL - ROOF ACCESS LADDER  
A602 1:20

Project North		True North
No.	Revisions	Date

Provide safety cage around ladder as per Ministry of Labour requirement. Please see attached document/specifications.

2.	Issued for Building Permit	2024 06 28
1.	Issued for Tender / Addendum 01	2024 05 17
No	Revision	Date

Scale 1:100 Unless Indicated Otherwise



Drawing Title:

## SECTION DETAILS - ROOF

Scale: AS NOTED	Date: 2024 04 29
Drawn by: AP	Checked by: AG
Job No.	Drawing No.

**2314** **A602**  
COB - Building Department  
Page 12 of 18

This drawing is sized for 36"x48" sheet size.  
If not the above size, interpret the drawing accordingly.



Architects

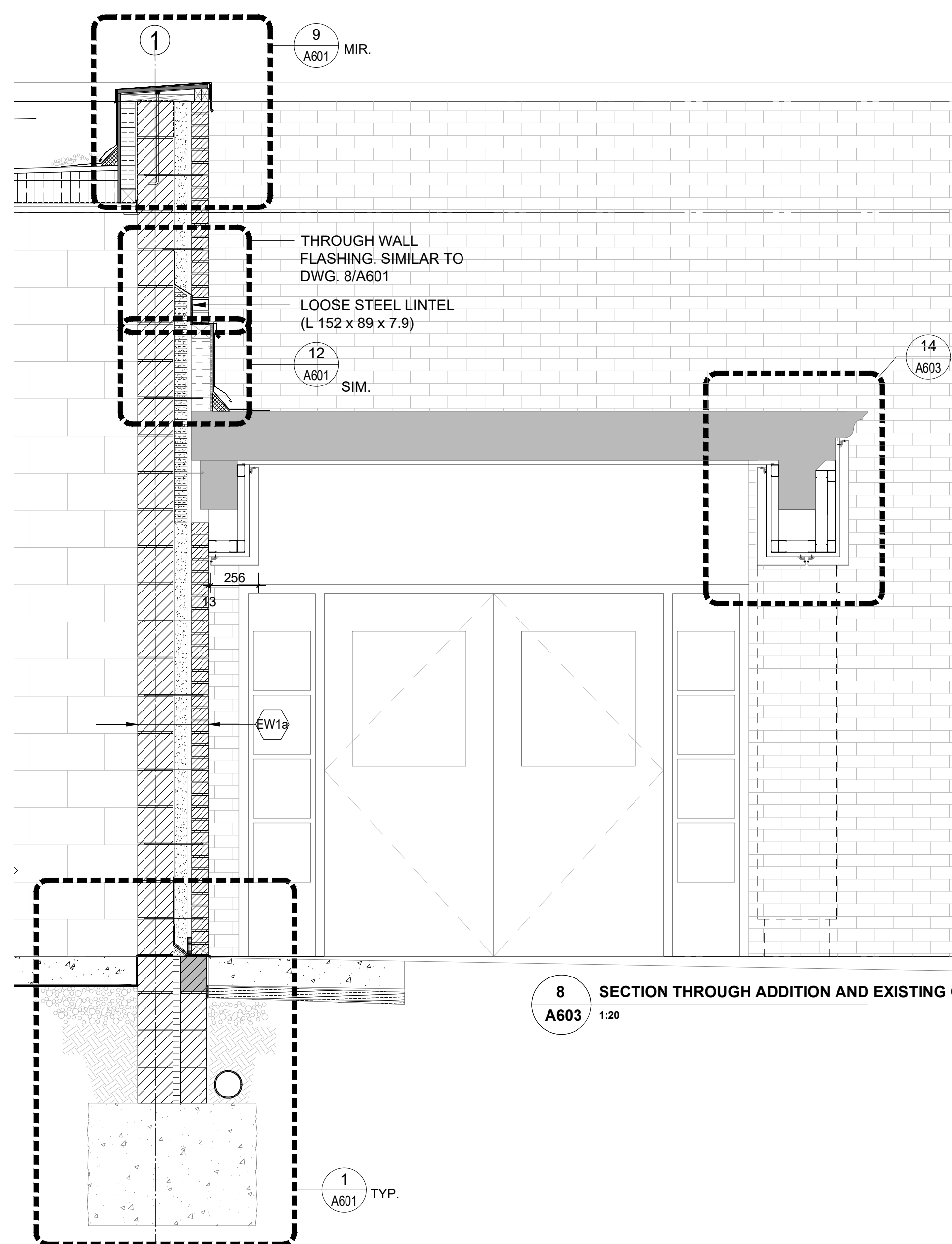
Mechanical and Electrical Consultants  
**DEI & Associates Inc.**  
55 Northland Rd.  
Waterloo, Ontario, N2V 1Y8  
Tel: 519-725-3555

Civil Consultant  
**Flora Designs Inc.**  
1109 Britannia Rad East,  
Mississauga, ON L4W 3X1  
Tel: 647-496-8055

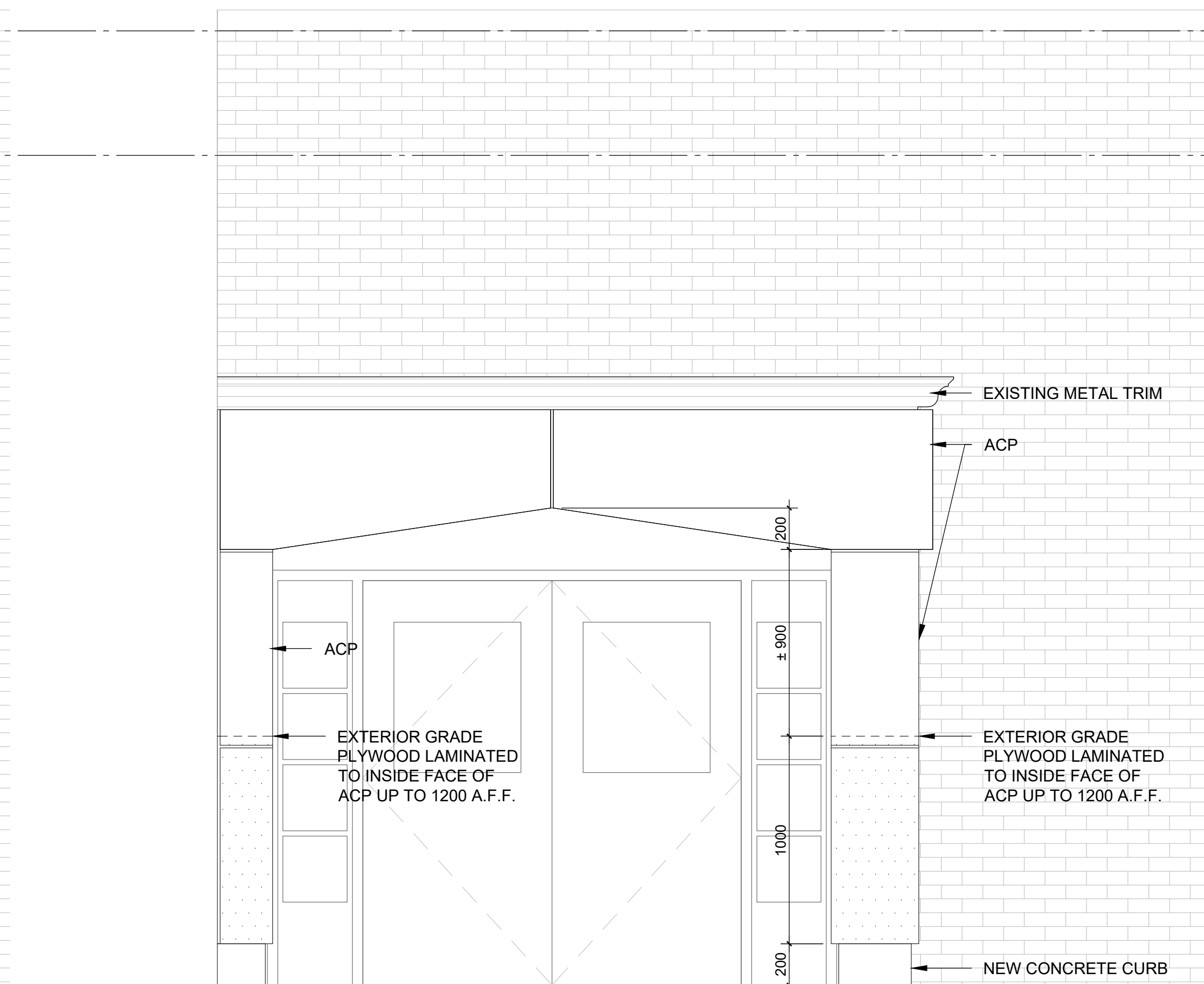
Key Plan N.T.S.



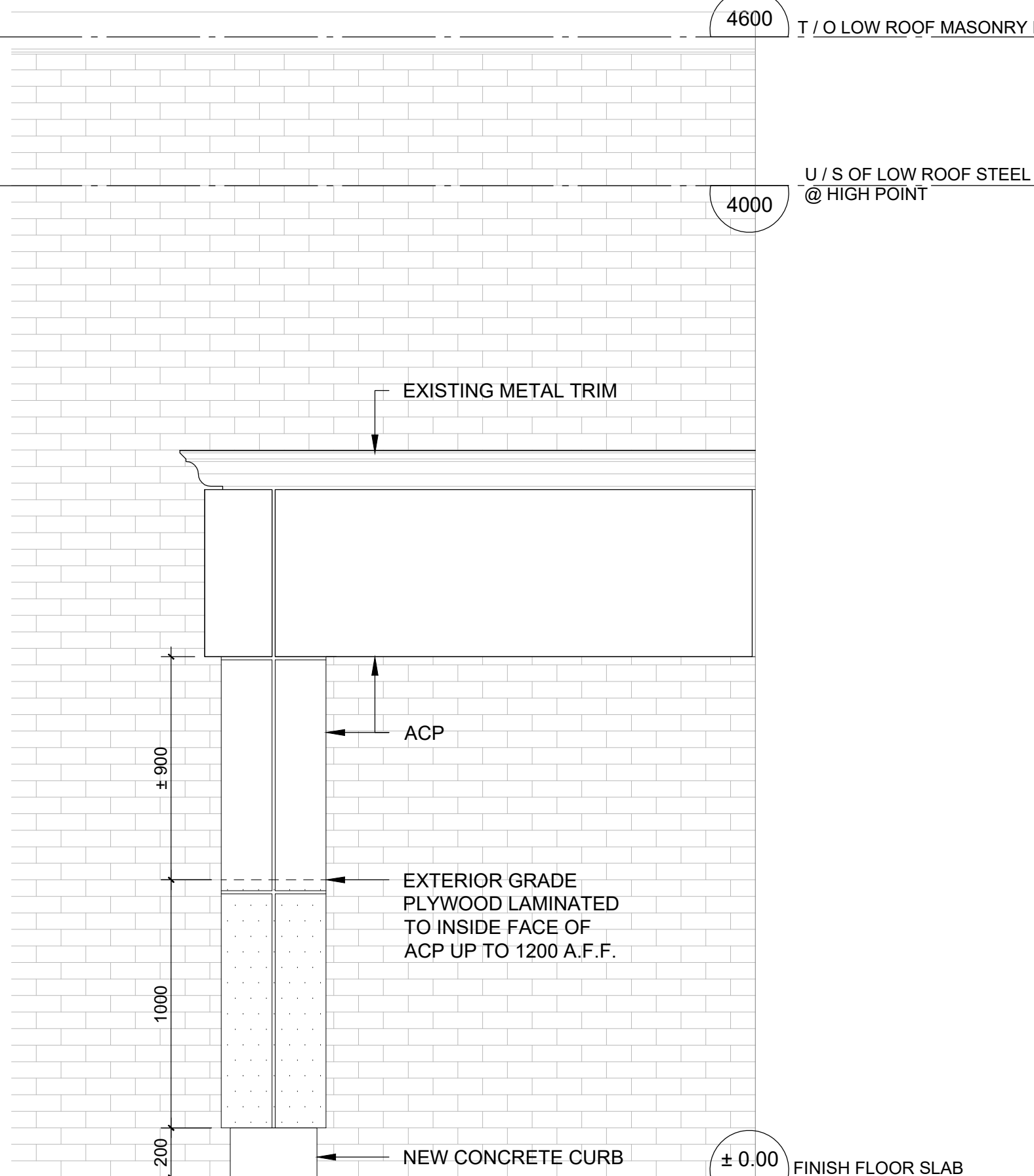
9 PHOTO OF EXISTING CANOPY  
A603 N.T.S.



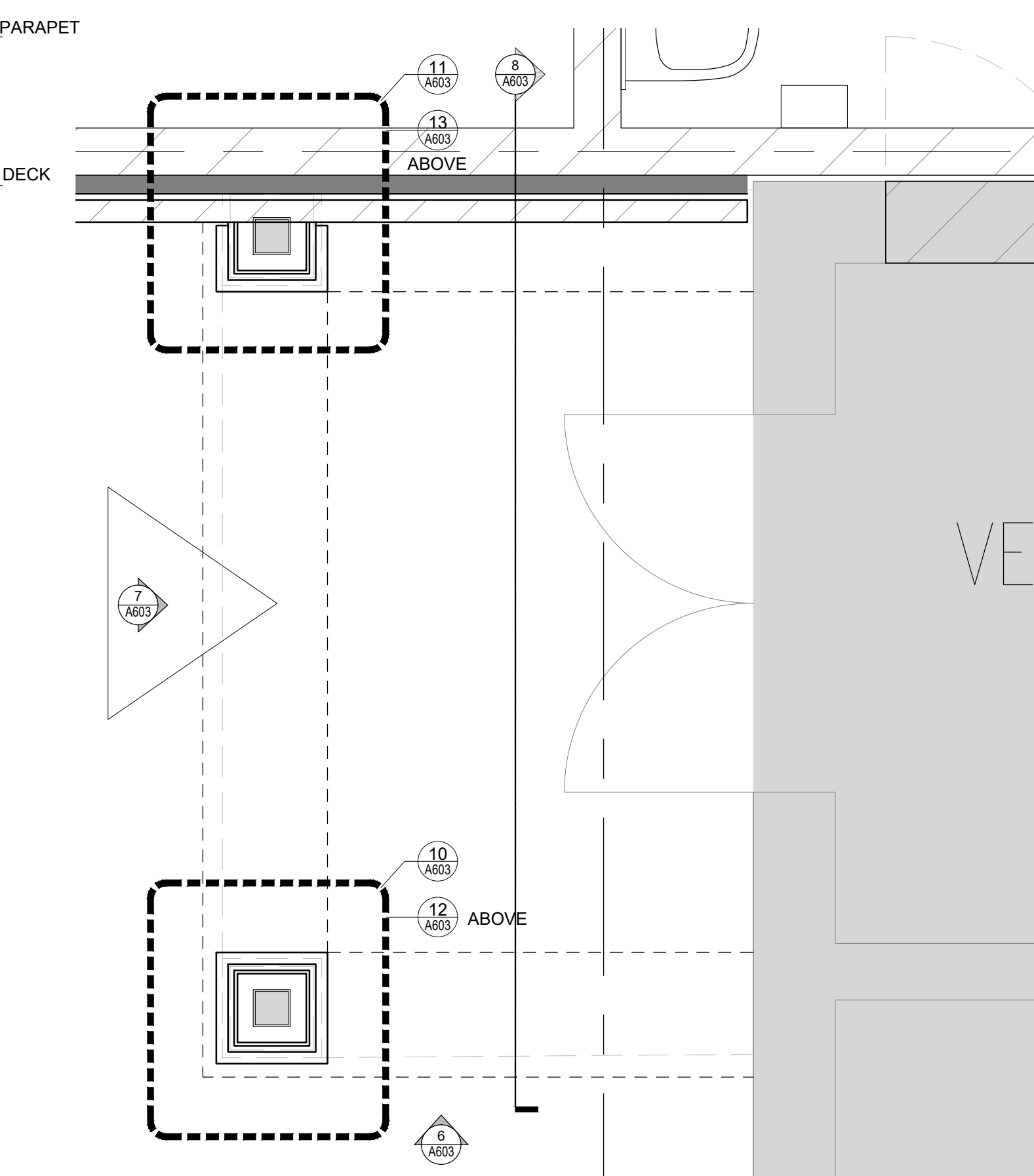
8 SECTION THROUGH ADDITION AND EXISTING CANOPY  
A603 1:20



7 EAST ELEVATION  
A603 1:20



6 SOUTH ELEVATION  
A603 1:20



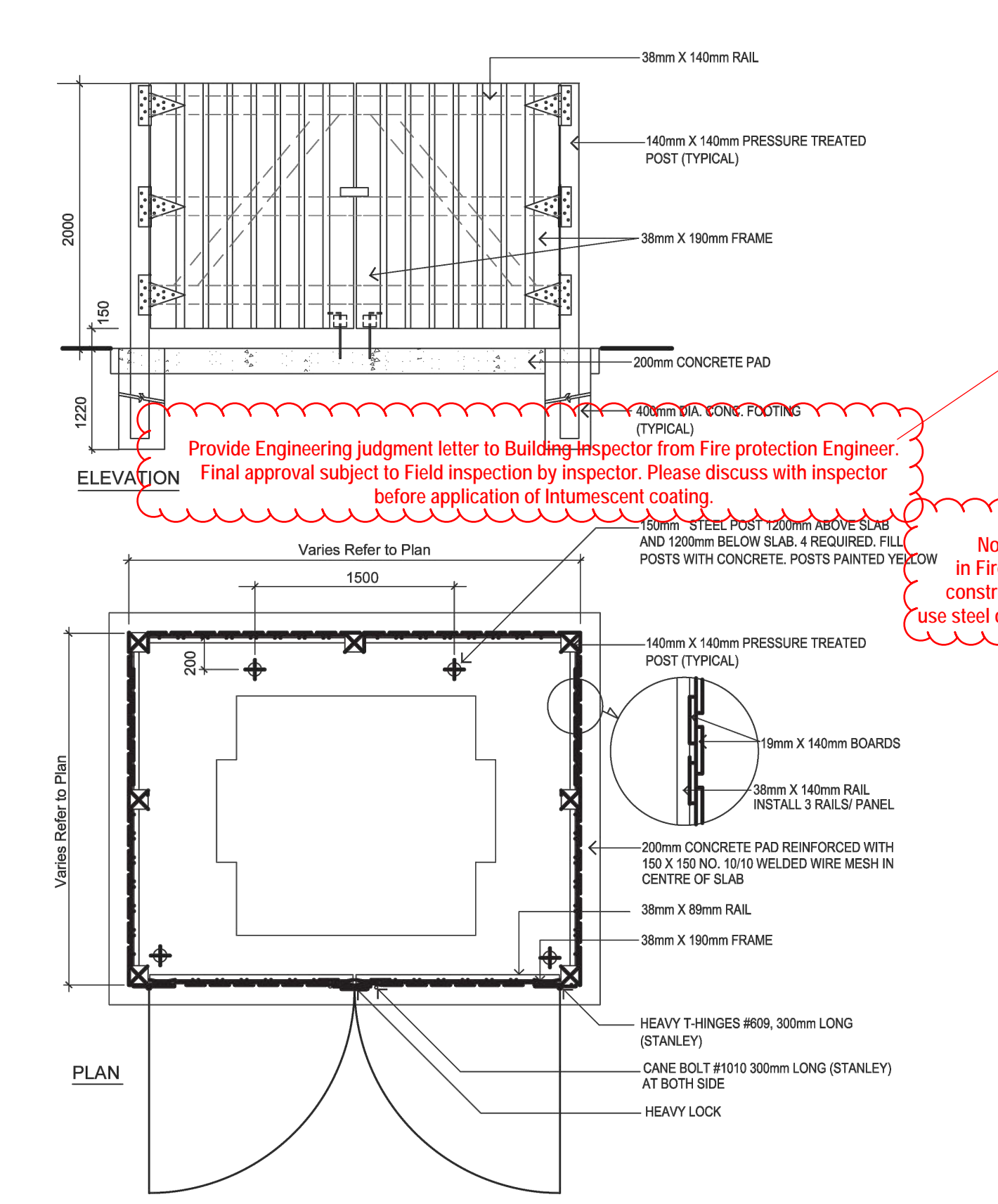
5 ENLARGED PLAN - CANOPY AT VEST. V1  
A603 1:20

1. REMOVE PLYWOOD COVERING AROUND TWO EXISTING COLUMNS. RETAIN THE EXISTING COLUMNS.
2. RETAIN THE EXISTING ARCHED BEAMS BETWEEN THE EXISTING COLUMNS / BETWEEN THE BUILDING AND COLUMNS.
3. REMOVE AND STORE EXISTING "GLENNVIEW PUBLIC SCHOOL" SIGN ABOVE EXISTING DOUBLE DOORS. REINSTALL AT LOCATION TO BE DETERMINED LATER.
4. REMOVE EXISTING LIGHT FIXTURE @ SOFFIT AND REINSTALL AT NEW DAFS CEILING

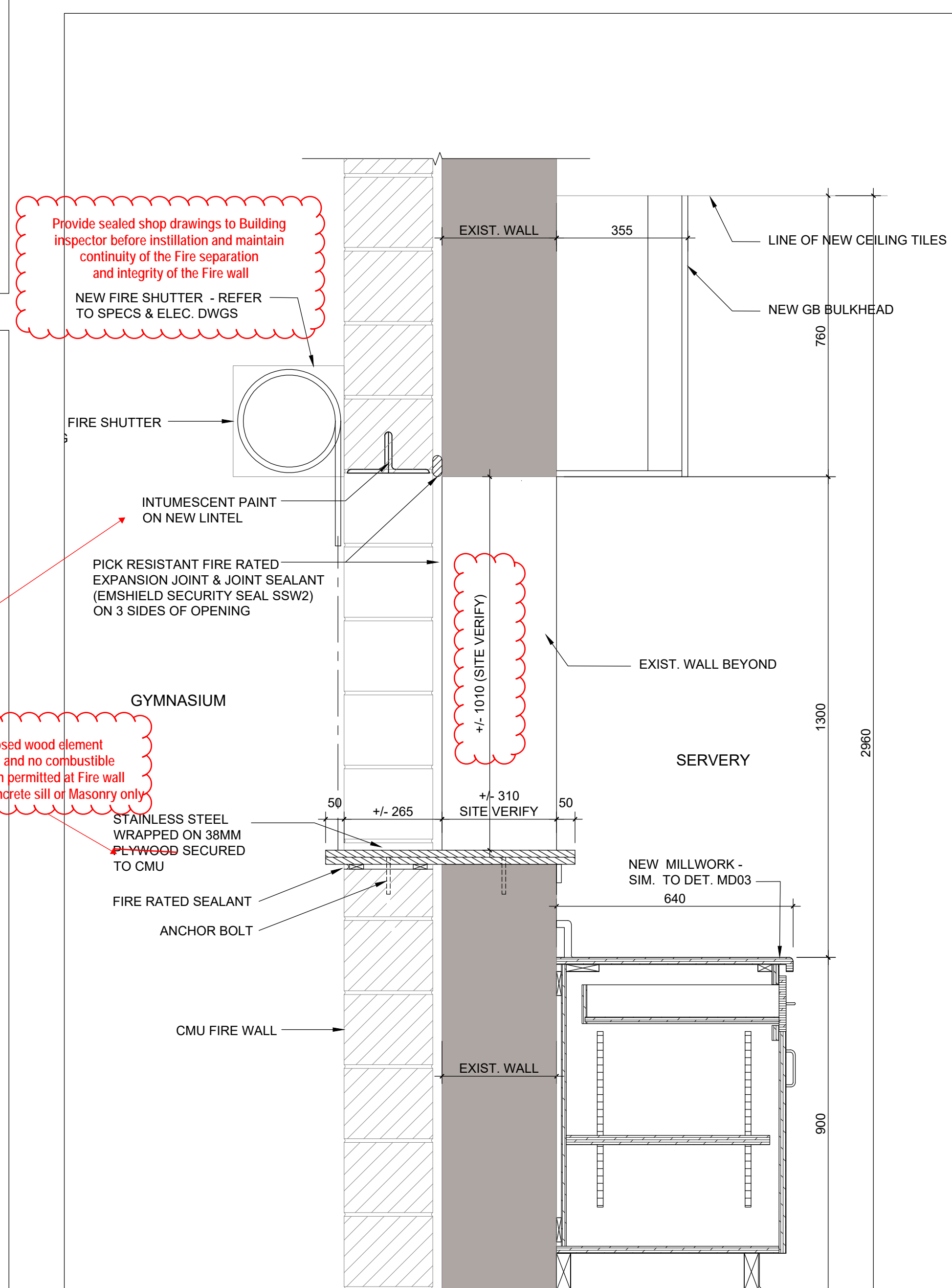
3.1.8.4. – Fire protection ratings of a closer shall be determined by CAN/ULC-S104, CAN4-S106-M, CAN/ULC-S112, or by table 3.1.8.4 or by NFPA 80. Rated doors and frames shall be labeled and necessarily equipped with, self-closers, panic hardware and latching devices.

Firestopping used at penetrations and joints in fire separations and fire-rated assemblies shall comply with Div. B, 3.1.9. of the OBC. The approved fire stop system and installation details must be submitted to the field inspector for approval. Installation shall be coordinated on site and is subject to the approval of the field inspector.

Except as permitted in articles 3.1.9.3. & 3.1.9.4. of the OBC, pipes, ducts, electrical outlet boxes, enclosed raceways or other service equipment that partly or wholly penetrate a fire-rated assembly shall be non-combustible unless the assembly has been tested using such equipment.



- |                                    |  |
|------------------------------------|--|
| 1. LUMBER TO BE PRESSURE TREATED   | NOTES:-  |
| 2. ALL HARDWARES TO BE GALVANIZED. | 1. CONCRETE TO BE 35MPa COMPRESSIVE STRENGTH AT 28 DAYS WITH 5% TO 7% AIR ENTRAINMENT. |
|                                    | 2. EXPANSION JOINT EVERY 10m O.C.  |
|                                    | 3. CONTROL JOINT EVERY 3m O.C.   |
|                                    | 4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE                            |



1 SECTION DETAIL - COUNTER SHUTTER @ SERVERY  
A603 1:10

[illegible]

2.	Issued for Building Permit	2024 06 28
1.	Issued for Tender / Addendum 02	2024 05 24
No	Revision	Date



Drawing Title:

## DETAILS

Scale: AS NOTED	Date: 2024 04 29
Drawn by: AP	Checked by: AG
Job No.	Drawing No.

2314 A603  
COB - Building Department











LOADING SUMMARY  
DESIGN STANDARDS  
- CANADIAN BUILDING CODE, 2012, PART 4: STRUCTURAL DESIGN  
- CAN/CSA-A23.1-14, DESIGN OF CONCRETE STRUCTURES  
- CAN/CSA-A23.4-14, DESIGN OF PRECAST CONCRETE STRUCTURES  
- CAN/CSA-S16-14, MASONRY DESIGN FOR BUILDINGS  
- CAN/CSA-S16-14, LIMIT STATES DESIGN OF STEEL STRUCTURES  
- CAN/CSA-S16-16, DESIGN OF COOL FORMED STEEL STRUCTURAL MEMBERS

SNOW, ICE AND RAIN LOADS  
APPLIED PER CBC, PART 4, SECTION 4.1.6  
- IMPORTANCE FACTOR, I: 1.0 (SLS) 1.15 (ALS)  
- IMPORTANCE FACTOR, I: 1.1 kPa (24.0 PSF)  
- ACCUMULATED SNOW LOAD, S: 0.4 kPa (8.54 PSF)  
- WIND OVERLAP LOAD, W, O: 1.0 kPa (20.7 PSF)  
- ROOF SNOW LOAD, S: 1.4 kPa (30.7 PSF)  
- DIRT LOAD PER CLAUSE 4.1.6.2.8  
- SLOPE FACTORS PER CLAUSE 4.1.6.2.10 TO (7)

WIND LOADS  
APPLIED PER CBC, PART 4, SECTION 4.1.7  
- IMPORTANCE FACTOR, I: 0.75 (SLS) 1.15 (ALS)  
- REFERENCE VELOCITY PRESSURE FOR STRUCTURAL MEMBERS  
0.48 kPa 1/50 YEAR PROBABILITY (5.6073 PSF)  
- REFERENCE VELOCITY PRESSURE FOR CLADDING & NON-STRUCTURAL MEMBERS  
0.38 kPa 1/10 YEAR PROBABILITY (7.5188 PSF)  
- GUST FACTORS, G: 2.0 FOR SINGLE & MAIN STRUCTURAL MEMBERS  
2.5 FOR SMALL ELEMENTS INCLUDING CLADDING  
- BUILDING INTERNAL PRESSURE CATEGORY: 2 PER NBC 2010  
STRUCTURAL COMMENTARY (PART B), COMMENTARY B.

SEISMIC LOADS  
APPLIED PER CBC, PART 4, SECTION 4.1.8  
- IMPORTANCE FACTOR, I: 1.3 (ALS)  
- SO (0.2): 0.268  
- SO (0.5): 0.131  
- SO (1.0): 0.082  
- SO (2.0): 0.029  
- SO (5.0): 0.0088  
- SO (10.0): 0.0027  
- SO (25.0): 0.0012  
- SOIL CLASS: C

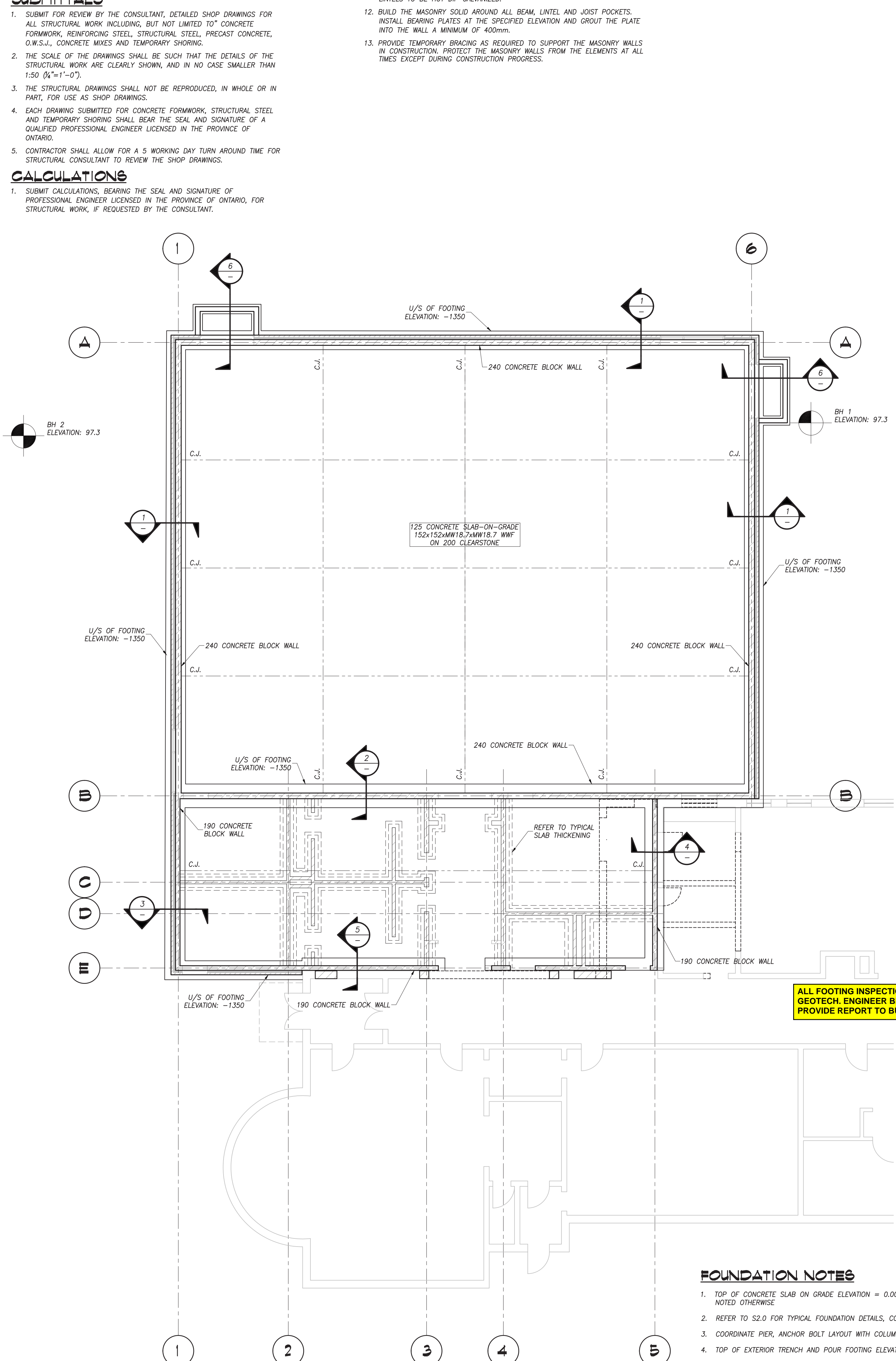
DESIGN LOADS  
ROOF LOADS (G+M)  
- ROOFING: 0.35 kPa (7.3 psf)  
- INSULATION: 0.15 kPa (3.1 psf)  
- STEEL DECK: 0.10 kPa (2.1 psf)  
- DWG: 0.15 kPa (3.1 psf)  
- FRAMING: 0.10 kPa (2.1 psf)  
- MECHANICAL & ELECTRICAL: 0.25 kPa (5.2 psf)  
TOTAL: 1.10 kPa (23.0 psf)  
USED: 1.10 kPa (23.0 psf)

LIVE (SNOW) = 1.47 kPa + SPU  
SEISMIC SWAY BRACING  
ARTICLE 4.1.8.1(2) OF THE ONTARIO BUILDING CODE NOTES THAT IF THE PRODUCT OF  $k \times F_d \times S_e(0.2)$  IS LESS THAN 0.35, THE REQUIREMENTS NOTED ABOVE NEED NOT APPLY. THESE VALUES ARE EXPLAINED BELOW. THIS EXEMPTION IS NOT APPLICABLE TO POST-OASER BUILDINGS.  
BASED ON THE ABOVE NOTED VALUES, THE PRODUCT OF  $k \times F_d \times S_e(0.2)$  IS  $1.1 \times 1.0 \times 0.268 = 0.2948$  WHICH IS LESSER THAN THE THRESHOLD OF 0.35. THE APPLICATION OF THE LATERAL FORCE (F<sub>d</sub>) TO ALL ELEMENTS AND COMPONENTS AND SWAY BRACING IS NOT REQUIRED.

REQUIREMENTS FOR LOAD RESTRICTIONS OUTLINED IN FIRE RESISTANCE RATINGS  
- CANULC-5101 CERTIFIED FOR CONCRETE AND THE UL-957 HAVE BEEN ACCOUNTED FOR  
STRUCTURAL DESIGN

SUBMITTALS  
1. SUBMIT FOR REVIEW BY THE CONSULTANT, DETAILED SHOP DRAWINGS FOR ALL STRUCTURAL WORK INCLUDING, BUT NOT LIMITED TO: CONCRETE FORMWORK, REINFORCING STEEL, STRUCTURAL STEEL, PRECAST CONCRETE, O.M.S.U., CONCRETE MIXES AND TEMPORARY SHORING.  
2. THE SCALE OF THE DRAWINGS SHALL BE SUCH THAT THE DETAILS OF THE STRUCTURAL WORK ARE CLEARLY SHOWN, AND IN NO CASE SMALLER THAN 1/50 (6"=1'-0").  
3. THE STRUCTURAL DRAWINGS SHALL NOT BE REPRODUCED, IN WHOLE OR IN PART, FOR USE AS SHOP DRAWINGS.  
4. EACH DRAWING SUBMITTED FOR CONCRETE FORMWORK, STRUCTURAL STEEL AND TEMPORARY SHORING SHALL BEAR THE SEAL AND SIGNATURE OF A QUALIFIED PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO.  
5. CONTRACTOR SHALL ALLOW FOR A 5 WORKING DAY TURN AROUND TIME FOR STRUCTURAL CONSULTANT TO REVIEW THE SHOP DRAWINGS.

CALCULATIONS  
1. SUBMIT CALCULATIONS, BEARING THE SEAL AND SIGNATURE OF PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO, FOR STRUCTURAL WORK, IF REQUESTED BY THE CONSULTANT.



#### FOUNDATION NOTES

- TOP OF CONCRETE SLAB ON GRADE ELEVATION = 0.00m (347.200m) UNLESS NOTED OTHERWISE
- REFER TO S2.0 FOR TYPICAL FOUNDATION DETAILS, CONCRETE AND MASONRY NOTES
- COORDINATE PIER, ANCHOR BOLT LAYOUT WITH COLUMN BASE PLATES
- TOP OF EXTERIOR TRENCH AND POUR FOOTING ELEVATION = -800

#### FOUNDATION PLAN

SCALE: 1:100

C407m

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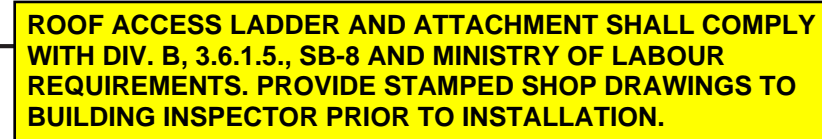
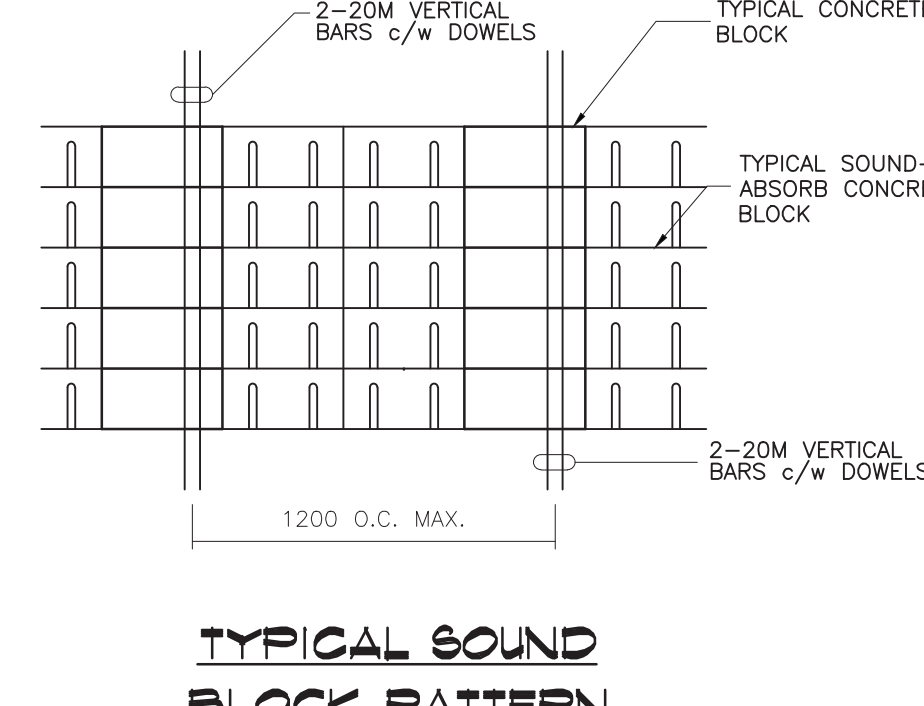
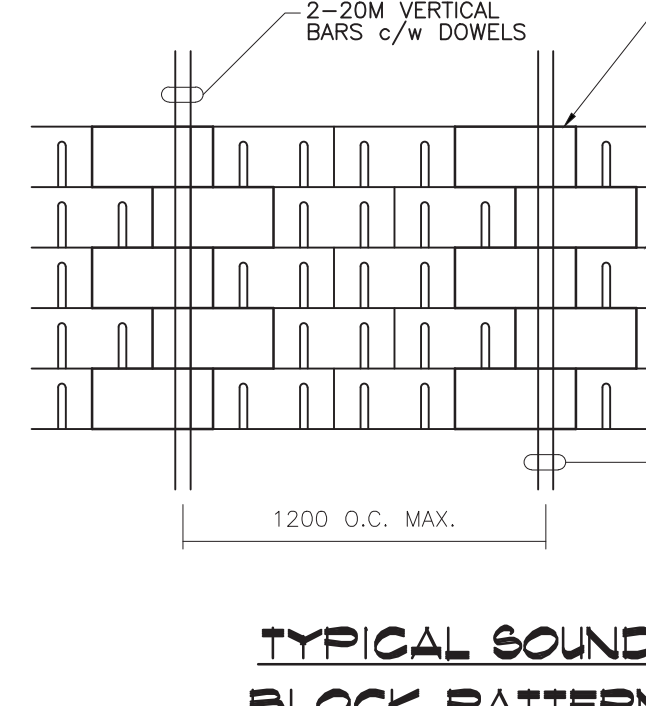
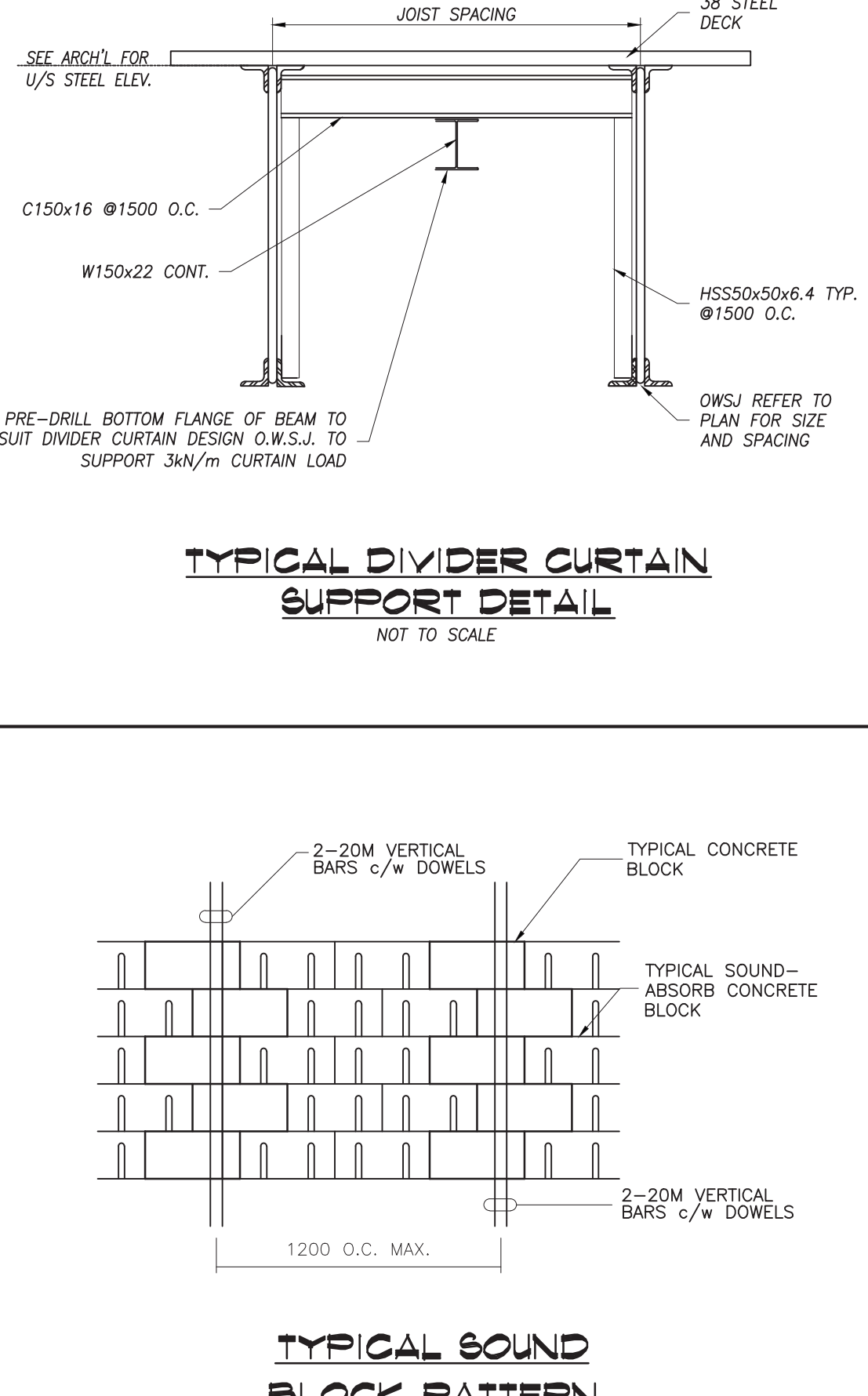
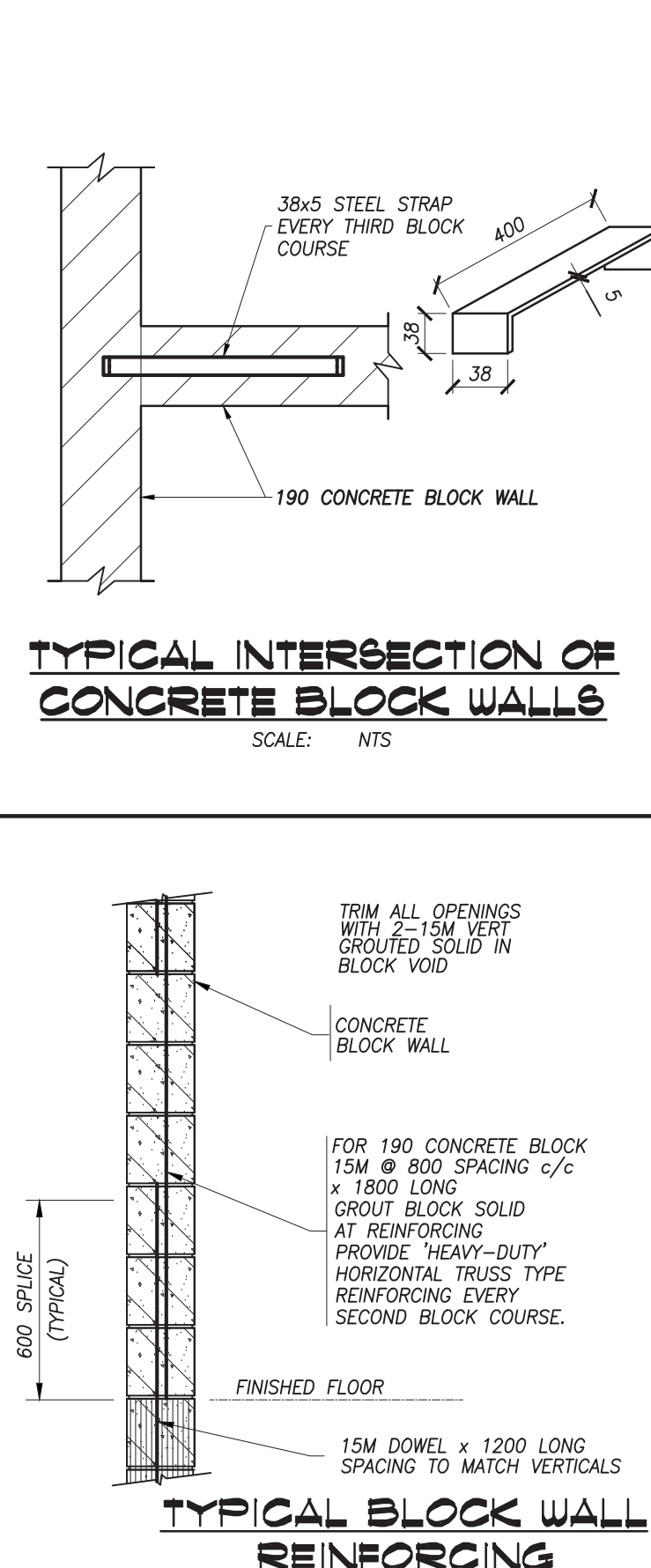
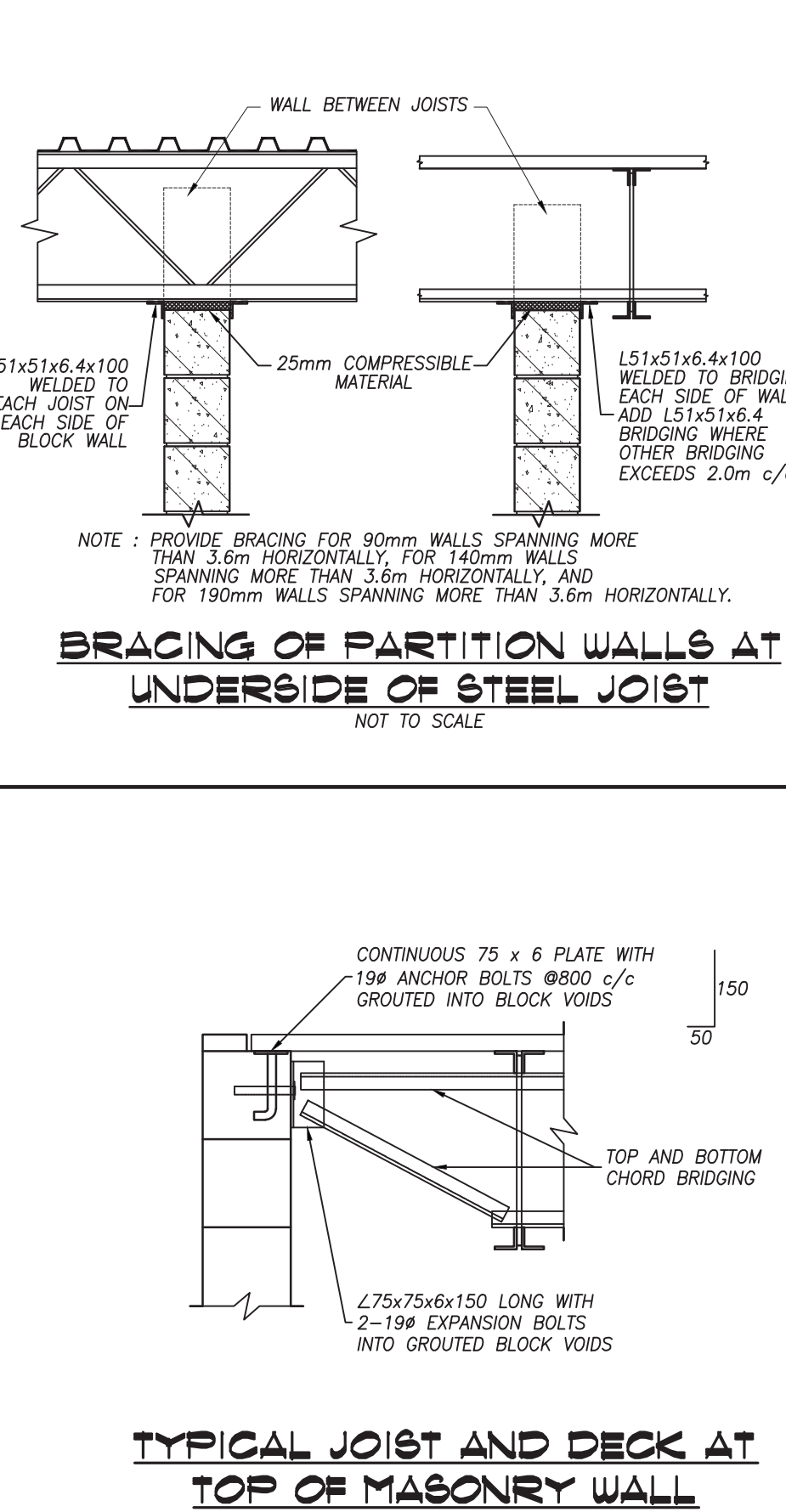
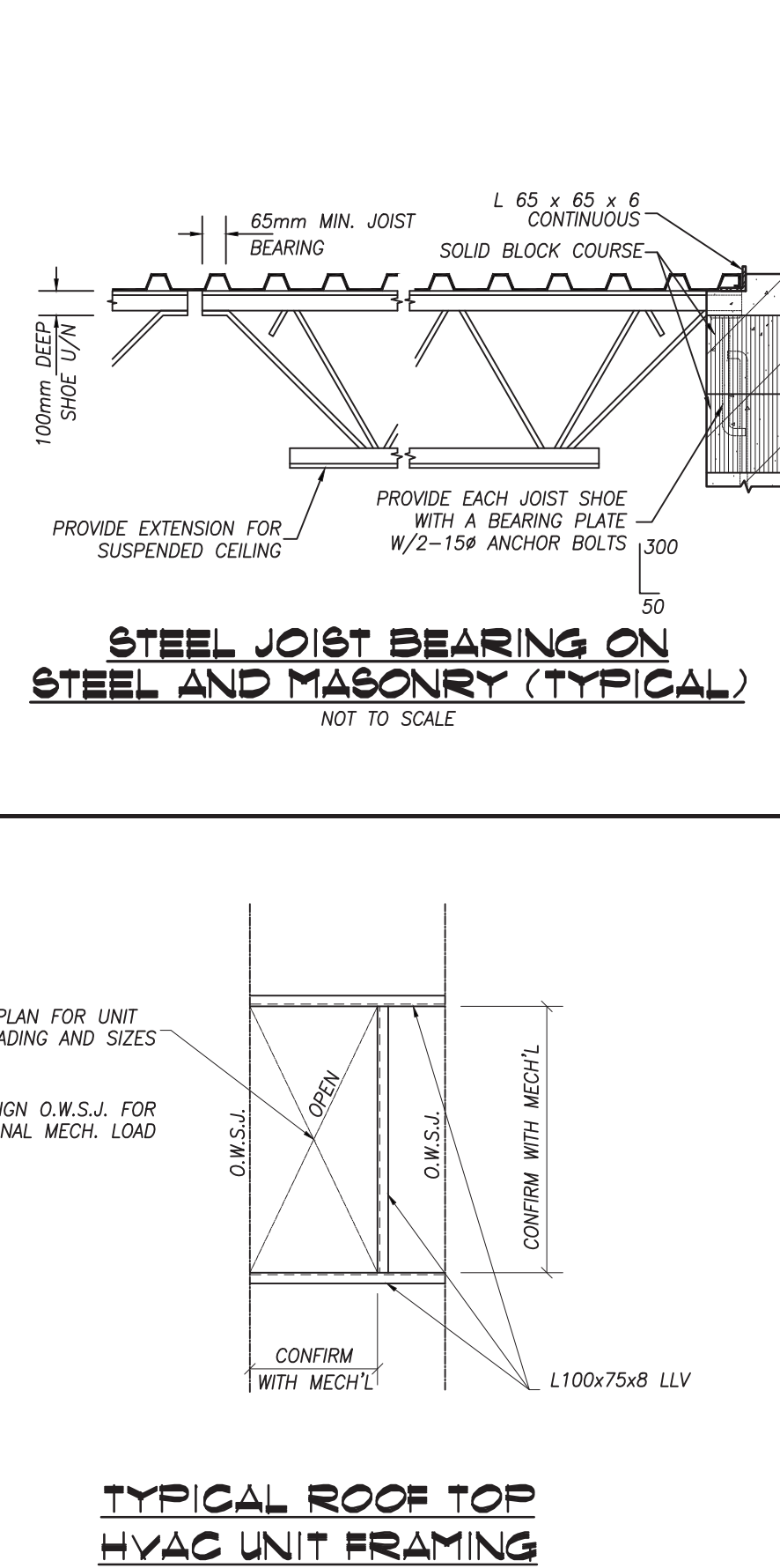
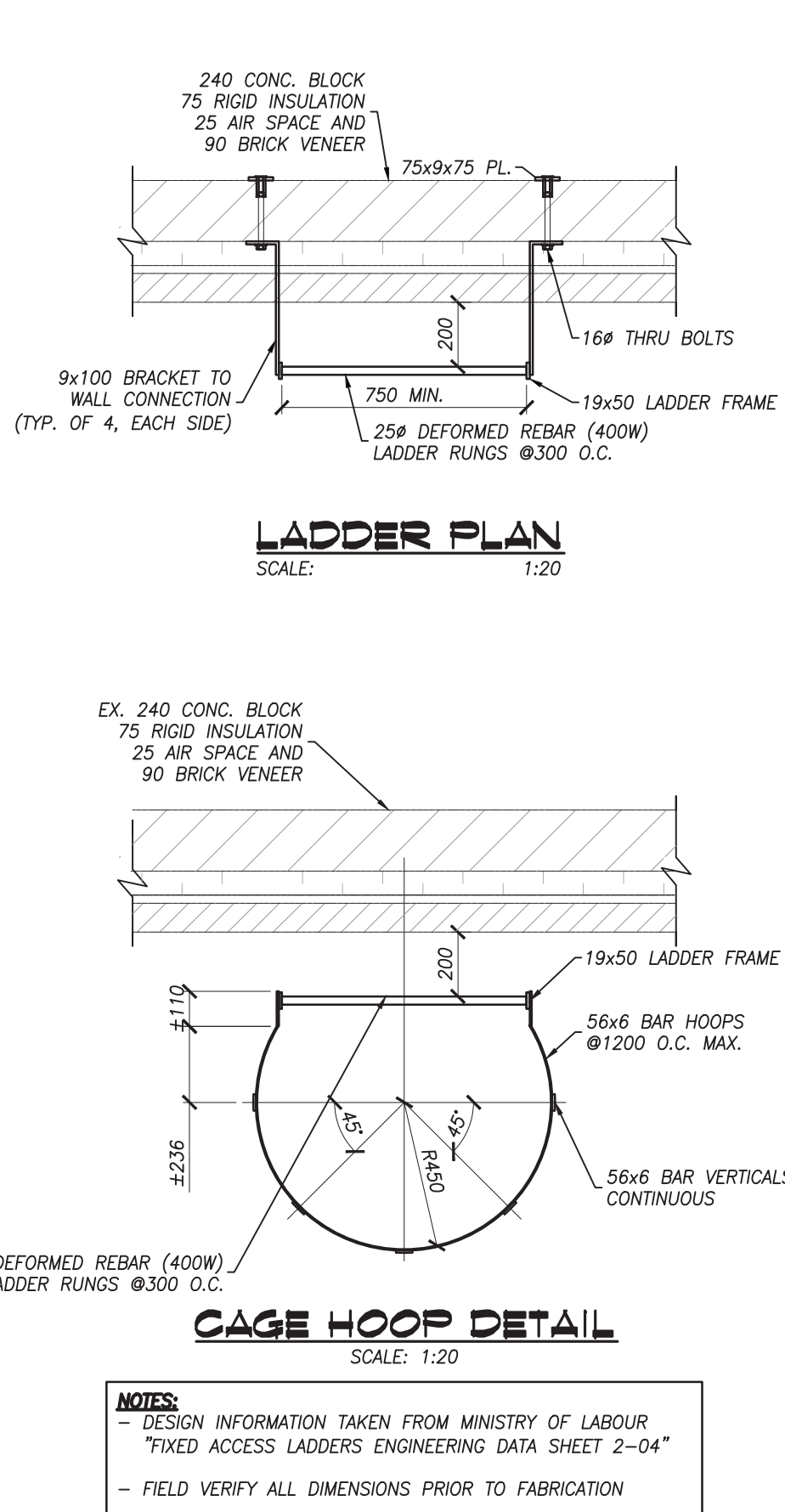
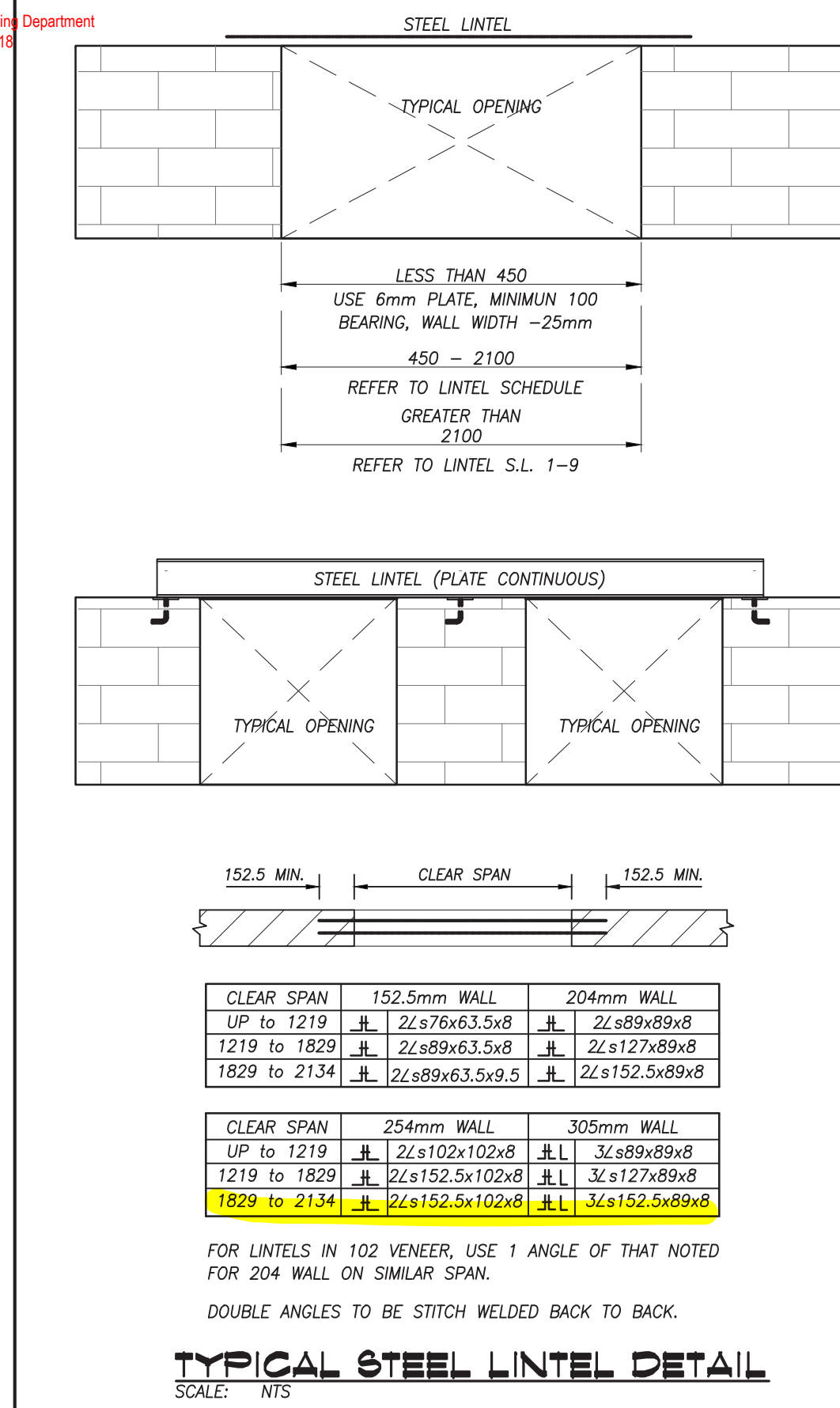
04/07m

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04/07m

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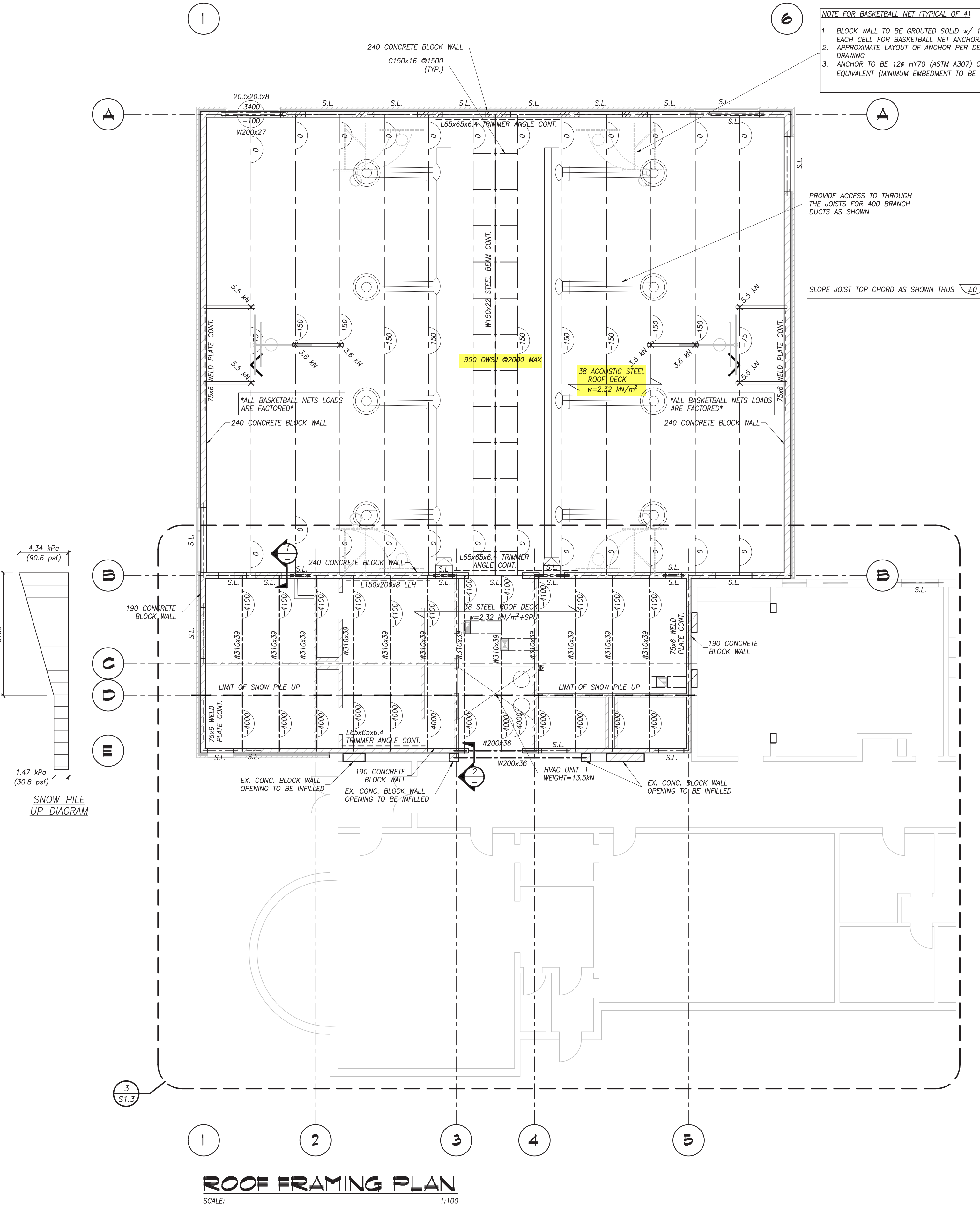
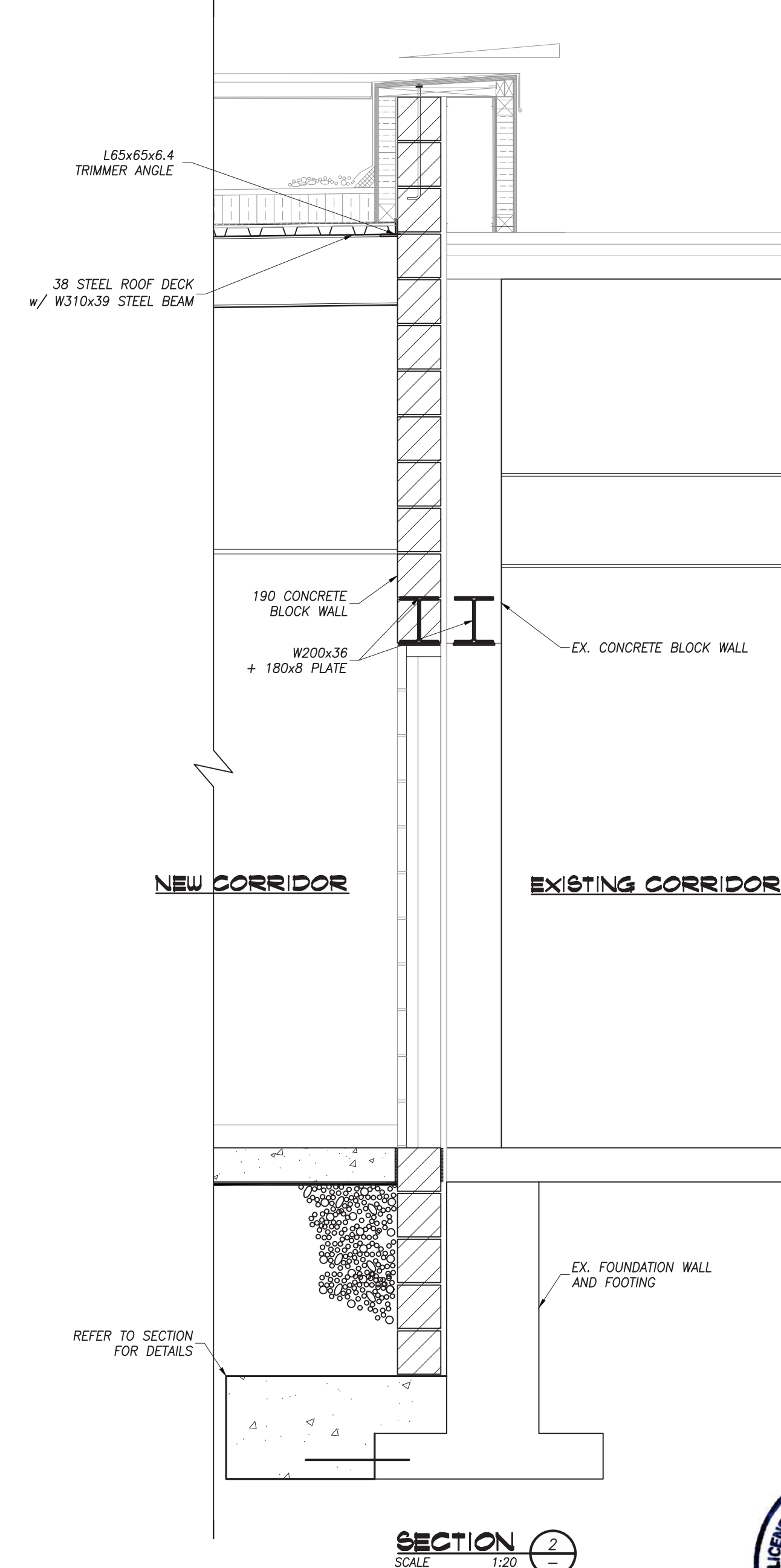
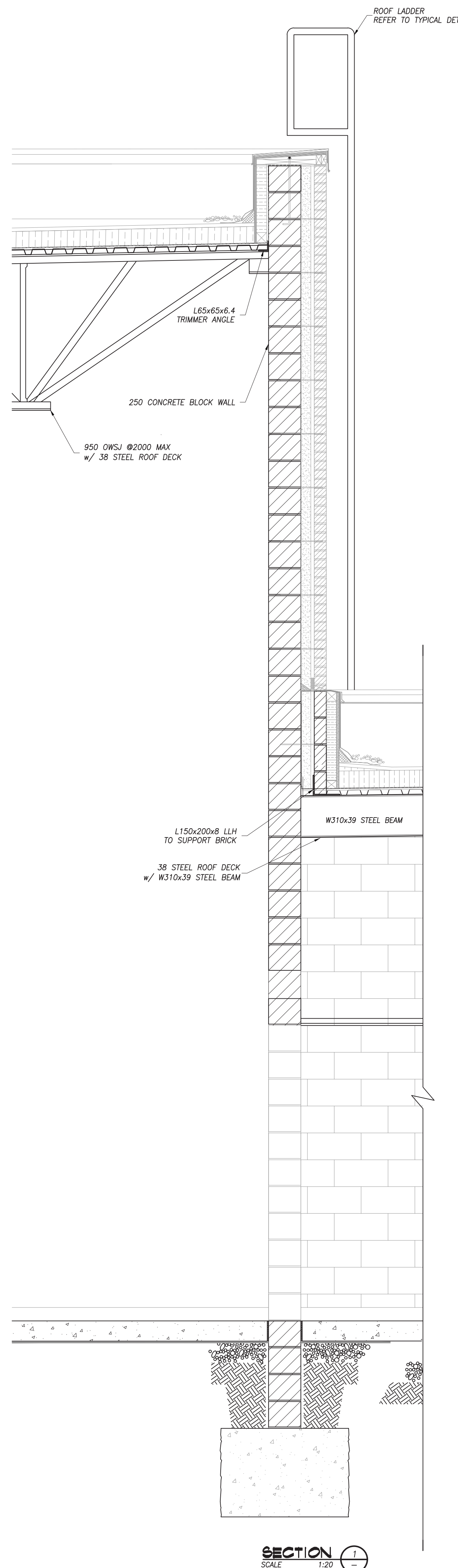
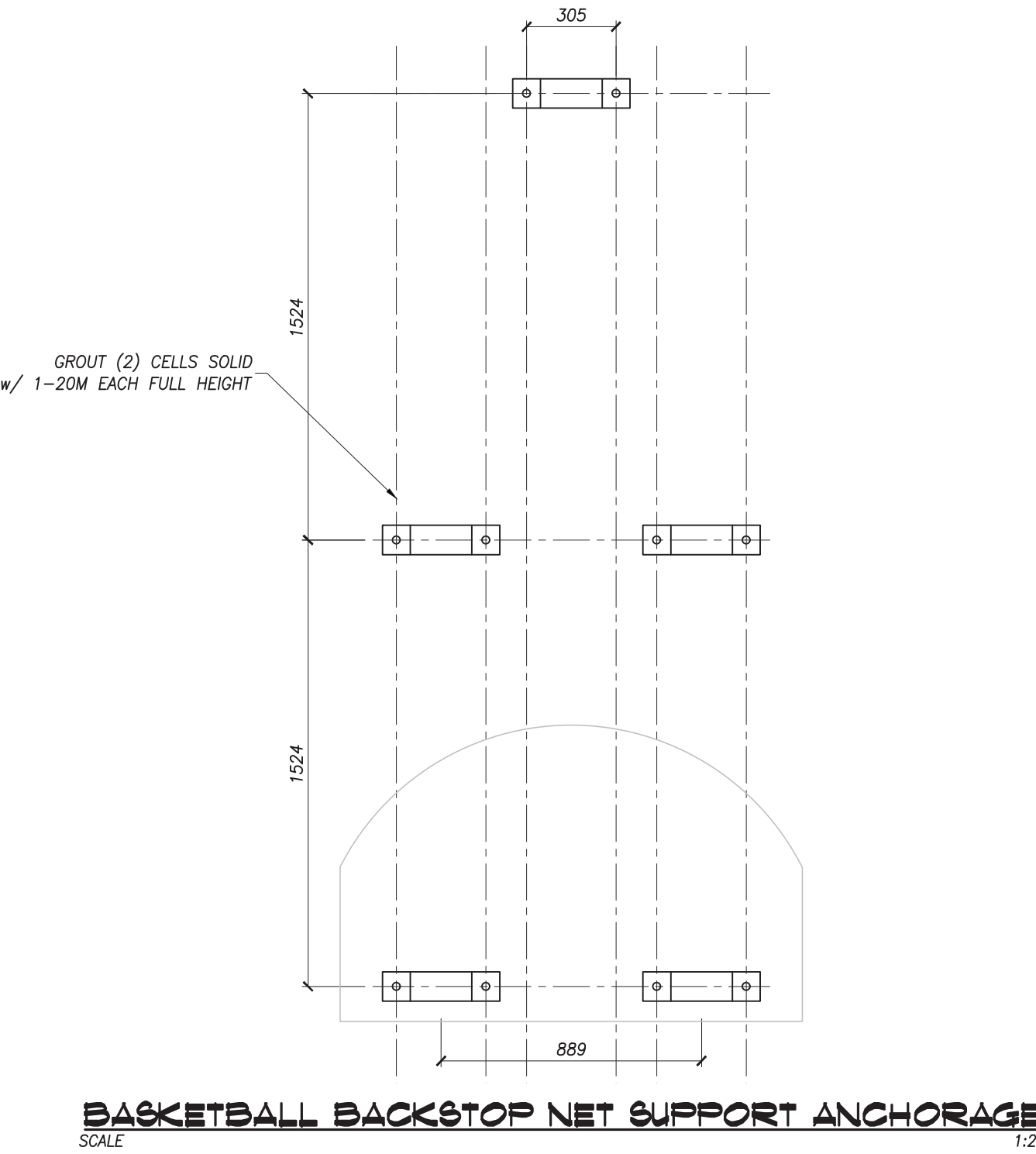




- ## FRAMING NOTES
1. TOP OF STEEL ELEVATION **BOTH** UNLESS NOTED THIS **(40.0)**
  2. REFER TO ARCHITECTURAL DRAWINGS AND MECHANICAL DRAWINGS FOR DIMENSIONS.
  3. REFER TO DRAWING FOR NOTES AND STANDARD DETAILS AND DRAWINGS FOR CONCRETE BLOCK WALL REINFORCING.
  5. PROVIDE 100 BPSR. JESTL. WALL UNLESS OTHERWISE NOTED
  6. PROVIDE TO APPROX. DEPTH AND ELEV. DIMS. FOR SIZE AND LOCATION OF ALL REINFORCING BLOCK WALLS SEE LINE SCHEDULE DRAWINGS ON THIS SHEET FOR LIMITS. SEE...
  7. ELEVATION SHOWN FOR TOP OF JOISTS AND ROOF CHANGES ARE APPROXIMATE. PROVIDE TO APPROX. DEPTH AND ELEV. DIMS. FOR SIZE AND LOCATION OF ALL REINFORCING BLOCK WALLS SEE LINE SCHEDULE DRAWINGS ON THIS SHEET FOR LIMITS. SEE...
  8. PROVIDE TEMPORARY SUPPORT UNDER ALL BEAMS. UNITS ARE LATERALLY SUPPORTED
  9. PROVIDE STEEL LIMITS FOR ALL OPENINGS AS SHOWN ON ARCHITECTURAL, MECHANICAL OR ELECTRICAL DRAWINGS (NOT ALL SHOWN ON THIS DRAWING) REFER ON THIS SHEET FOR SIZES.
  10. COORDINATE PLACING WITH CONCRETE BLOCK WALL REINFORCING

Provide safety cage around ladder as per Ministry of Labour requirement. Please see attached document/specifications.

**ALL FOOTING INSPECTIONS SHALL BE PERFORMED BY  
GEOTECH. ENGINEER BEFORE POURING CONCRETE.  
PROVIDE REPORT TO BUILDING INSPECTOR.**



Glenview Public School  
Gym Addition

143 Townsend Ave.,  
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sn/der  
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270 Sherman Ave. N., Suite 315-MILL  
Hamilton, ON L8L 6N4  
Tel: 905-681-7604

Key Plan N.T.S



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CITY OF BURLINGTON  
BUILDING DEPARTMENT

**ALL CONSTRUCTION TO  
MEET ONTARIO BUILDING  
CODE REQUIREMENTS**

[illegible]

Scale 1:100 Unless Indicated Otherwise

General Contractor shall check and verify all dimensions and report all errors and omissions to the Architect. Do not scale drawings. Drawings shall not be used for construction purposes until issued by the Architect for construction.

Drawing Title

### ROOF FRAMING PLAN

Scale: AS NOTED	Date: 2024 05 03
Drawn by: QN	Checked by: HAPH
Job No.	Drawing No.
<b>23199</b>	<b>S1.2</b>

This drawing is sized for 36"x48" sheet size.  
If not the above size, interpret the drawing accordingly.



