



**Addendum #2**

**Bid Opportunity: RFT-2025-166 - Operations Centre Garage Expansion**

**Closing Date: Tuesday, April 15, 2025 2:00 PM**

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This Addendum will form part of the RFP document.

In the event of any conflicting or inconsistent information, this addendum will take precedence over all requirements of the original RFP document and any addenda issued previously.

All other requirements of the RFP document remain the same.

**Bidders must acknowledge receipt of this addendum, in the field requested, when submitting their bid.**

**Question 1:**

Please provide specifications for Epoxy Floor finish.

**Answer 1: For clarification, the Epoxy floor finish is noted on the architectural drawings. Epoxy Finish- STONCLAD GC with STONKOTE GS4 Topcoat and Texture 3 as manufactured by STONHARD.**

**Question 2:**

The Mechanical HVAC plan shows tube heaters. I cannot find tube heaters listed anywhere in the mechanical equipment schedules. Is this an over-sight or did I miss something?

**Answer 2: See attached Mechanical addendum (#M01- one page) with updated drawing M2.**

**See attached Electrical addendum (#E01- four pages).**

**Question 3:**

Soil report does not state Excess Soils Disposal designation? Which MTO table is not exceeded for this site?

**Answer 3: *Section 6. Results of Chemical Testing of the Geotechnical Investigation Report*, provided in Appendix B – Specifications, speaks to the specific MECP Tables the results fall within.**

**Question 4:**

Submission of bid is not working? I get error message?

**Answer 4: Bidders who experience technical difficulties, with the Bids&Tenders platform, are directed to email Bids&Tenders support (support@bidsandtenders.ca). Bids&Tenders is a 3rd party bidding system.**

**Additionally, please review Part 1 – RFT Process, 8. Submission of Bids instructions on page 5 of the RFT document for further information. Particularly, 8.5 - In the event of questions or complications, Bidders should email Bids&Tenders support (support@bidsandtenders.ca) at least twenty-four (24) hours prior to the closing time and date, if they encounter any problems.**

**Question 5:**

Please clarify if job to be performed by unionized or non-unionized labor

**Answer 5: The Town has no requirement that the work be performed by unionized labour.**

**Question 6:**

Dear Procurement,

Q.1: The tender drawings show on Wall Type EW-1 using 125mm Insulated Metal Panel (IMP) but the specs Section 07 40 00 noted as Diamond Rib profile by VicWest.

Please clarify and confirm the wall cladding to be IMP from Norbec as shown on the drawings.

Regards,

**Answer 6: For clarification, the wall cladding shall be the IMP from Norbec as shown on the architectural drawings and disregard any reference in the specifications-section 07 40 00.**

**Question 7:**

is this project to use union trades or is it open shop?

**Answer 7: Refer to Answer #5**

**Question 8:**

the specification and drawings do not include sprinkler scope of work.

**Answer 8: There is no sprinkler scope of work for this project.**

**Question 9:**

Question regarding how the slope on the roof is to be achieved, whether the deck will be structurally sloped or if we will be installing tapered insulation. If the slope is to be achieved through tapered insulation, we would require the % of slope as

it is not indicated on the roof plan.

The second page of specification section 07550 mentions tapered drain sumps 4' x 4' around the drains, but there is no other mention of it.

**Answer 9: For clarification, refer to the architectural and structural drawings for the roof construction and slopes. The structural steel is dropped 150mm along gridline 5 to create the slope to roof drains. No tapered insulation is proposed for this project and any reference in the specifications-section 07550 shall be disregarded.**

**Question 10:**

Washbay all Galv. hinge grates missing specifications and or loading design requirements?

**Answer 10: The galvanized grate will now be part of the Cash Allowance; the design will be confirmed later. Shop drawings will be required to be produced & signed by a P.Eng. Review and Approval of this item will be required prior to fabrication.**

**Question 11:**

Mechanical A/C unit and Fan Coil missing spec'd type/size/manufacture?

**Answer 11: For Clarification, the split system AC unit is on the equipment schedule page of the mechanical drawings.**

**Question 12:**

Conflicting notes between plan A-102 notes 3in. tk. insul. at perimeter and then plan S2.1 note G4 states 2in. tk?

**Answer 12:** For clarification, as per the architectural drawing A-102 the thickness of the perimeter insulation will be 3 in. See attached & updated structural drawings S2.1 & S2.2 indicating the thickness of the perimeter insulation has been revised from 2 in. to 3 in.

**Question 13:**

Plan S5.1 section M1/S5.1 shows W200 beam wrong orientation.

**Answer 13:** See attached & updated structural drawing S5.1 with the correct orientation for the W200 beam.

**Question 14:**

What is the wall finish for existing face of concrete block wall along line 1?

**Answer 14:** The existing block wall on line 1 shall be painted the same colour as the new concrete block walls in an “off white” epoxy paint from the new finished floor to the U/S of the new deck & on one side only within the new addition. The surface of the existing block wall shall be prepared & cleaned and all holes filled with mortar as necessary for the epoxy paint finish of this wall. Any epoxy supplied/manufacturer will be allowed to be used on this project for all the concrete walls only.

**Question 15:**

Electrical plan E4 shows existing 3in. EMT. Existing conduit is empty. What is the specified sized wires for this new power feed? Missing connection notes for this supply feed inside main electrical room? Where is new power taken from?

**Answer 15:** For clarification, there is an existing 3" EMT empty conduit from the main electrical room to the existing maintenance bay. This conduit is to be extended to the new ELEC/COMP. RM 105 and utilized to supply panel G1. This feed to panel G1 will be supplied from the existing main splitter located in the main electrical room. The details of this supply and the wiring is indicated in the partial single line diagram on detail 1/E2. It should be noted that in this detail the feed from the fused disconnect switch to the G1 panel is shown to be run in 1-1/2" EMT. The extension of the existing 3" EMT can be completed using this size.

**Question 16:**

Please advise if FALK HFW40 would be approved equivalent to Norbec, see link to specs page <https://www.falk.com/en-us/resource-library/csi-specifications>

**Answer 16:** The Town may have specified certain product and brand names throughout the solicitation documents. Equivalents will not be considered during the bidding period.

**Question 17:**

We are preparing to apply to our Bond & Insurance Broker for the required electronic Bid Bond (10% of the stipulated price) and the Performance and Material Bonding (50%). In order to proceed require the following information:

The name of the Town of Orangeville Project or Bid Manager responsible for the project.

The Manager's email address.

The Manager's work or cell phone number.

Thanks.

**Answer 17:** If necessary, you can use the following contact:

**Paul McArthur, B. Comm, PMP**

**Senior Procurement Specialist**

[pmcarthur@orangeville.ca](mailto:pmcarthur@orangeville.ca)

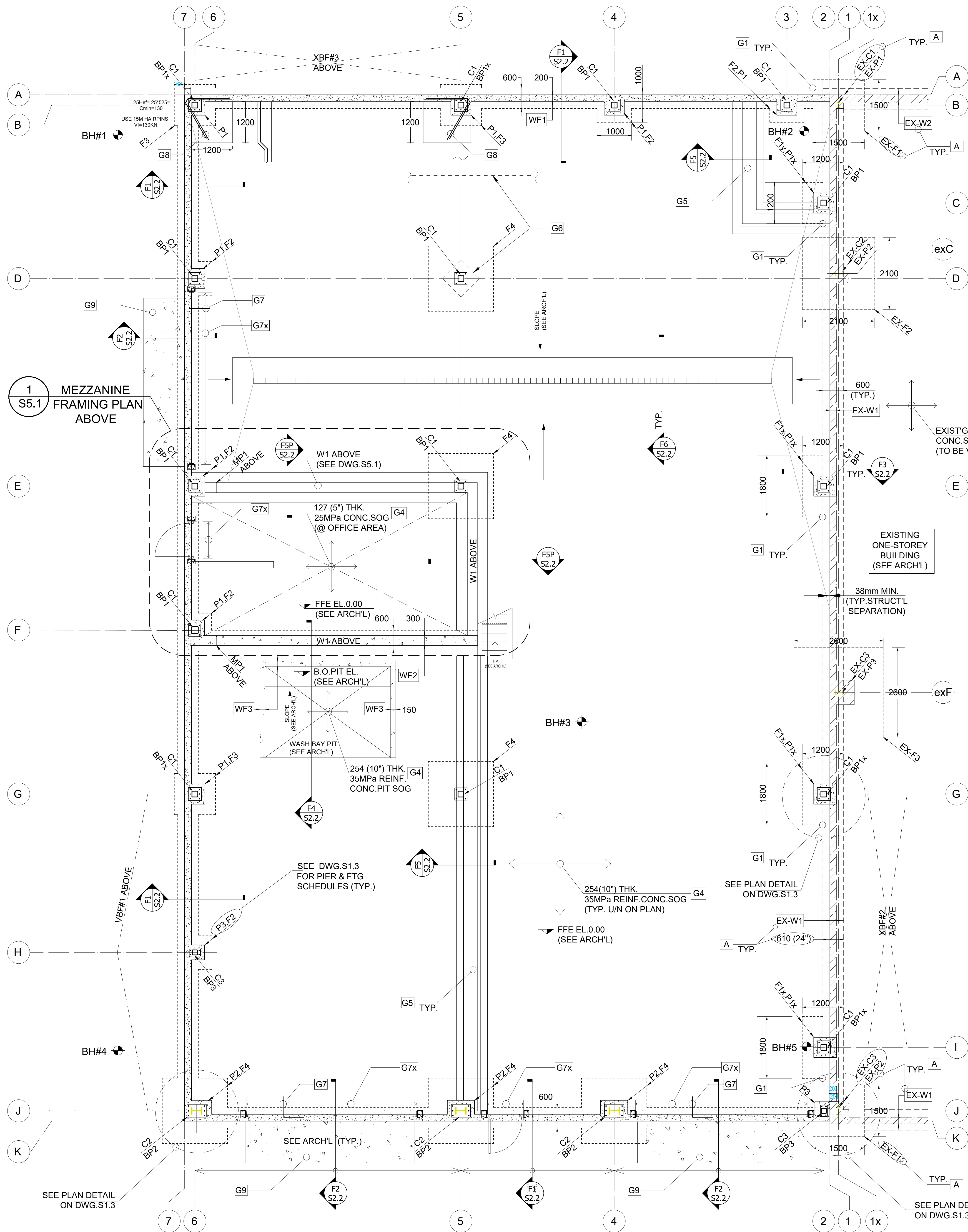
**519-941-0440 Ext. 2274**

**Question 18:**

On the References form, please clarify what information is required in the space provided for Engagement Title, thanks.

**Answer 18: What role did the referenced person have on the project i.e. Contract Administrator, Project Manager, etc...**





1

S2.1

FOUNDATION PLAN

SCALE: 1 : 50

FOUNDATION NOTES (PART 4 OBC'12 & NBC'15):

1.

THIS SYMBOL BH# ON PLAN DENOTES APPROXIMATE LOCATION OF BOREHOLES AS PER SOIL REPORT# 36304 PREPARED BY THURBER ENGINEERING LTD. ON JUNE 28,'23;

2.

FOUND ALL FOOTINGS ON NATIVE UNDISTURBED SOIL WITH BEARING CAPACITY OF 100KPa @ 'SLS' AND 150KPa @ 'ULS' AT 1.4m DEPTH (APPROX. EL. 416.0m). IT SHALL BE NOTED THAT LOWER FOUNDING ELEVATIONS INTO NATIVE COMPACT SAND OR VERY STIFF SILTY CLAY TO CLAYEY SILT (AT 2.2m DEPTH EL.415.2) SET THE POTENTIAL NEED FOR DEWATERING. THEREFORE HIGHER FOUNDING ELEVATIONS (AT APPROX. 1.4m DEPTH EL.416.0m) ARE PREFERRED FROM A CONSTRUCTION POINT OF VIEW AS SPECIFIED ON PAR.7.1 OF SOIL REPORT#36304 PREPARED BY THURBER ENGINEERING LTD.;

3.

PROVIDE 75mm SKIM SLAB OVER THE FOUNDING SURFACE IF CONCRETE FOR FOUNDATIONS CANNOT BE POURED WITHIN 24 HOURS FROM EXCAVATIONS;

4.

ALL FOOTINGS EXPOSED TO FREEZING GROUND CONDITIONS MUST BE PROVIDED WITH A MINIMUM OF 1400mm OF SOIL COVER OR EQUIVALENT THICKNESS OF THERMAL INSULATION IN ACCORDANCE WITH PAR.7.1 OF AFOREMENTIONED SOIL REPORT;

5.

G.C. SHALL RETAIN A GEOTECHNICAL ENGINEER TO CONFIRM THE AFOREMENTIONED SOIL BEARING PRESSURE VALUES PRIOR TO POURING CONCRETE FOR FOUNDATIONS;

6.

G.C. SHALL REFER TO PAR.7.5 "EXCAVATION AND GROUNDWATER CONTROL" OF SOIL REPORT #36304 PREPARED BY THURBER ENGINEERING LTD. FOR EXCAVATION AND DEWATERING PROVISIONS;

7.

G.C. SHALL COORDINATE ON SITE WITH A GEOTECHNICAL ENGINEER FOR BACKFILLING REQUIREMENTS, SUBGRADE PROVISIONS, DRAINAGE AND ANY SOIL RELATED ISSUE;

8.

G.C. SHALL ALSO COMPLY WITH "FOUNDATION NOTES" AS SHOWN ON DRAWING S1.1.

CONSTRUCTION NOTES

G1

CONSTRUCTION NOTE #G1 (TYPICAL AT NEW - EXISTING FOOTING INTERFACE):

- DRILL & GROUT 15M HORIZONTAL DOWELS 300mm LONG MINIMUM 150mm EMBEDMENT INTO EXISTING CONCRETE FOOTING AT 200 o/c;
- UNDERSIDE OF NEW FOOTING ELEVATION SHALL MATCH UNDERSIDE OF EXISTING FOOTING ELEVATION (DEPTH TO BE SITE VERIFIED BY GENERAL CONTRACTOR.
- G.C. SHALL NEVER UNDERMINE ANY EXISTING FOOTING AND COMPLY WITH 7 TO 10 SLOPE REQUIREMENT FOR ADJACENT FOOTINGS AND EXCAVATION AS PER TYPICAL DETAIL TD-2/S1.2.
- ANY EXCAVATION WORK IN PROXIMITY OF EXISTING FOUNDATIONS SHALL BE PERFORMED UNDER FULL TIME SUPERVISION OF A GEOTECHNICAL CONSULTANT HIRED BY GENERAL CONTRACTOR.

G2

CONSTRUCTION NOTE #G2 (UNDERSIDE OF FOOTING ELEVATIONS):  
UNDERSIDE OF FOOTING ELEVATION SHALL BE AT MINIMUM 1400mm DEPTH FROM GRADE LEVEL.  
GENERAL CONTRACTOR SHALL REFER TO ARCH'L DRAWINGS FOR PROPOSED GRADING DATA AND COORDINATE ON SITE WITH A GEOTECHNICAL ENGINEER FOR FINAL FOOTING ELEVATION.  
GENERAL CONTRACTOR SHALL COMPLY WITH "FOUNDATION NOTES" SHOWN ON DRAWING S1.1.

G3

CONSTRUCTION NOTE #G3 (GRIDLINES & PLAN DIMENSIONS):  
GENERAL CONTRACTOR SHALL REFER TO ARCH'L DRAWINGS FOR GRIDLINES/COL'S LOCATION AND PLAN DIMENSIONS.  
REFER TO ARCH'L FOR FOUNDATION WALL LOCATION ON PLAN (i.e. OFFSET FROM GRIDLINES)  
GENERAL CONTRACTOR SHALL USE THIS DRAWING FOR GUIDANCE ONLY.

G4

CONSTRUCTION NOTE #G4 (SLAB ON GRADE CONSTRUCTION):  
AT OFFICE AREA ONLY (SEE ARCH'L FOR EXTENT):  
PROVIDE 127mm (5") THICK 25MPa CONCRETE SLAB ON GRADE REINFORCED WITH WMW 6x6 6/6 CLOSE TO TOP OF SLAB.  
AT WASH BAY PIT PROVIDE 254mm (10") THICK 35MPa CLASS C-1 CONCRETE SLAB ON GRADE REINFORCED WITH WMW 6x6 6/6 +15M AT 300 o/c BOTTOM EACH WAY. EVERYWHERE ELSE PROVIDE 254mm (10") THICK 35MPa CLASS C-1 CONCRETE SLAB ON GRADE REINFORCED WITH WMW 6x6 6/6 +15M AT 400 o/c TOP AND BOTTOM EACH WAY (SEE TYPICAL IN-FLOOR RADIANT SLAB SECTION SG1/S2.2).  
GENERAL CONTRACTOR SHALL REFER TO ARCH'L DRAWINGS FOR FLOOR ELEVATION DATA, DEPRESSIONS, RECESSES AND USE THIS DRAWING FOR GUIDANCE ONLY.  
PROVIDE 3" THICK X 4'-0" WIDE 'FOAMULAR 400 HIGH DENSITY INSULATION' AROUND PERIMETER OF SLAB AND 1" THICK 'FOAMULAR 400 HIGH DENSITY INSULATION' FOR REMAINDER OF INTERIOR AREAS.  
GENERAL CONTRACTOR SHALL REFER TO PAR.7.4 OF SOIL REPORT #36304 PREPARED BY THURBER ENGINEERING LTD. FOR SUBGRADE PROVISIONS.

G5

CONSTRUCTION NOTE #G5 (MASONRY PARTITIONS):  
SEE ARCH'L FOR THICKNESS, LOCATION ON PLAN OF CONCRETE BLOCK PARTITIONS AND USE THIS DRAWING FOR GUIDANCE ONLY.  
REFER TO "MASONRY NOTES" ON DRAWING S1 FOR SPECIFICATIONS.  
PROVIDE SLAB ON GRADE THICKENING AT BOTTOM OF WALLS.

G6

CONSTRUCTION NOTE #G6 (SAW-CUT CONTROL JOINTS):  
PROVIDE SAW-CUT CONTROL JOINTS IN ACCORDANCE WITH TYPICAL DETAIL TD-9/S1.2  
LAYOUT AS SHOWN ON PLAN IS FOR GUIDANCE ONLY.

G7

CONSTRUCTION NOTE #G7 (REQUIREMENT FOR DOWELS TO SLAB ON GRADE):  
PROVIDE 10M DWL's AT 600o/c (600H+600V) FROM FOUNDATION WALL TO SLAB ON GRADE (TYP. AT O.H.DOOR AREA)

G7x

CONSTRUCTION NOTE #G7x (TOP OF FOUNDATION WALL ELEVATION):  
FOUNDATION WALLS SHALL BE DROPPED AT O.H.DOOR AND MANDOOK LOCATIONS (SEE ARCH'L FOR EXTENT AND TOP OF WALL ELEVATION)

G8

CONSTRUCTION NOTE #G8 (REQUIREMENT FOR HAIRPINS):  
PROVIDE 2-20M HAIRPINS (2600mm LONG) AT LINES # B - 5 & 6. BARS SHALL BE INSTALLED AROUND ANCHOR RODS AND EMBEDDED INTO 1200mm SQ.x200 DP. SLAB ON GRADE THICKENING (SEE DETAIL HD1/S1.3).

G9

CONSTRUCTION NOTE #G9 (CLSM BACKFILL):  
PROVIDE CONTROLLED LOW-STRENGTH CONCRETE BACKFILL WITH 13MPa COMPRESSIVE STRENGTH AT 28 DAYS FROM U/S OF CONCRETE APRON DOWN TO MINIMUM 1400mm BELOW GRADE (SEE ARCH'L FOR O.H.DOOR LOCATION AND CONCRETE POUR EXTENT).

THIS SYMBOL DENOTES PROPOSED CONCRETE FOUNDATION WALLS (SEE DRAWING S1.3 FOR REINFORCING DETAILS)

THESE SYMBOLS DENOTES PROPOSED REINFORCED CONCRETE PIERS 'P#' AND FOOTINGS 'F#' SEE DRAWING S1.3 FOR SCHEDULES

DESIGN NOTE #A (REQUIREMENT FOR SITE VERIFICATIONS):  
SEE SCHEDULE ON DRAWING S1.3 FOR EXISTING ADJACENT BUILDING FOUNDATION WALLS (EX-W#), CONCRETE FOOTINGS (EX-F#), CONCRETE PIERS (EX-P#) AND STEEL COLUMNS (EX-C#).

ANY INFORMATION ON THE EXISTING BASE BUILDING SHOWN ON THESE DRAWINGS WERE TAKEN FROM DESIGN PREPARED IN 1987 BY J D MC AULEY ARCHITECT INC. (REF.DRAWING 8721-S1 -STAMPED ON DEC.16,'87) AND SHALL BE TAKEN FOR GUIDANCE ONLY. GENERAL CONTRACTOR SHALL SITE VERIFY ALL THESE DATA AND REPORT TO STRUCTURAL ENGINEER ANY DISCREPANCY PRIOR TO COMMENCING ANY WORK.

THESE DRAWINGS ARE THE PROPERTY OF EXSEN ENGINEERING LTD AND CANNOT BE USED OR REPRODUCED WITHOUT WRITTEN PERMISSION.  
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS AND BE RESPONSIBLE FOR SAME.  
ANY DISCREPANCIES TO BE REPORTED BEFORE COMMENCING ANY WORK.  
ONLY FINAL APPROVED DRAWINGS TO BE USED AND ALL PRINTS TO BE RETURNED UPON COMPLETION OF WORK.  
PRINTS ARE NOT TO BE SCALED.

Orientation

NO.

DESCRIPTION

DATE

1

FOR COORDINATION

DEC.10, 2022

2

FOR FINAL COORDINATION

DEC.16, 2022

3

FOR FINAL COORDINATION

AUG.01, 2023

4

FOR BUILDING PERMIT & SPA

AUG.08, 2023

5

FOR TENDER

JAN.20, 2025

6

RE-ISSUED FOR TENDER

MAR.31, 2025

alaimo

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P ENG Stamp

REGISTERED PROFESSIONAL ENGINEER

G. CRIMI

MAR.31/25

PROVINCE OF ONTARIO

EXSEN ENGINEERING LTD.

CONSULTING ENGINEERS

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RICHMOND HILL, ON  
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Ph. (416) 712-0970  
exseneng11@gmail.com

Drawing Title

FOUNDATION PLAN

PROJECT NAME

ORANGEVILLE OPERATION  
CENTRE EXPANSION  
500C LINE, ORANGEVILLE, ONTARIO  
L9W 4Z3

Scale

As Noted

Sheet Number

S2.1

Issued by

JC

Project No

22036

Date

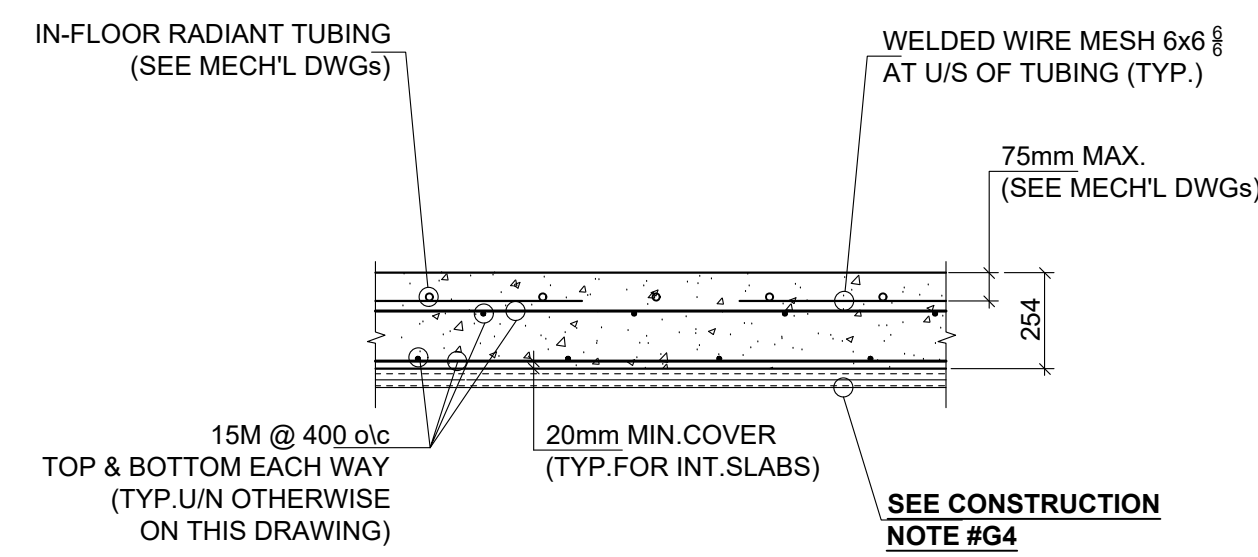
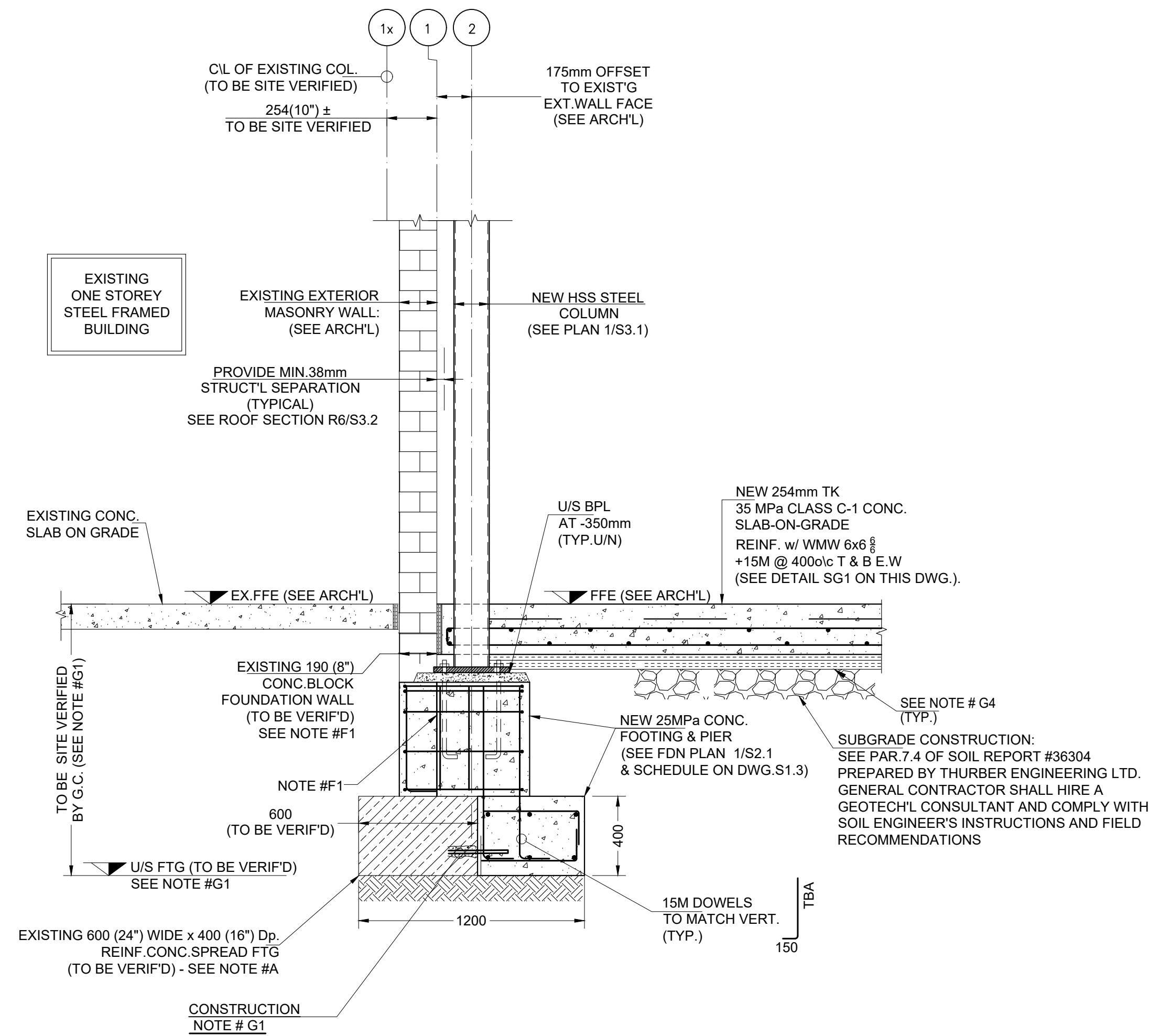
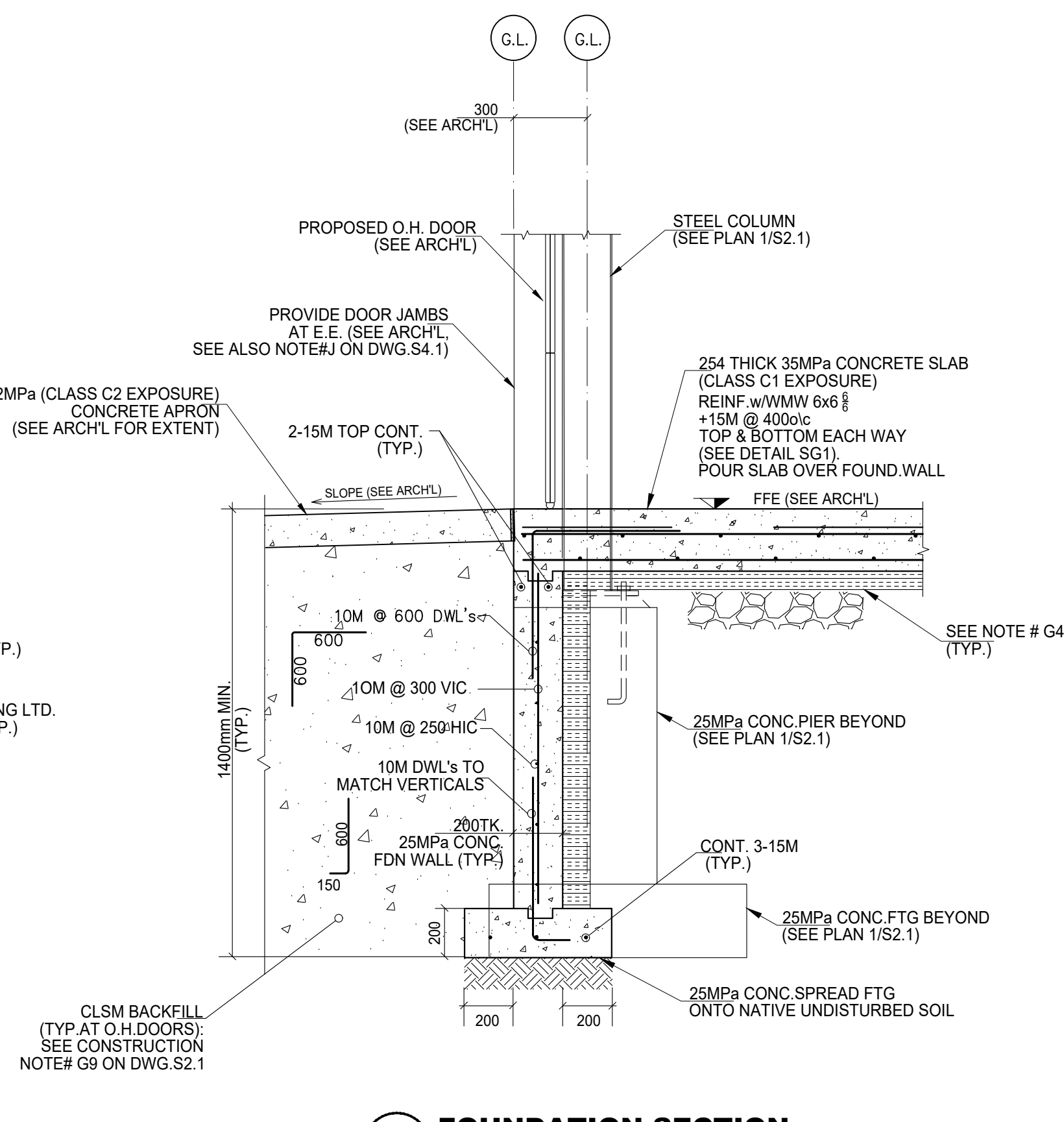
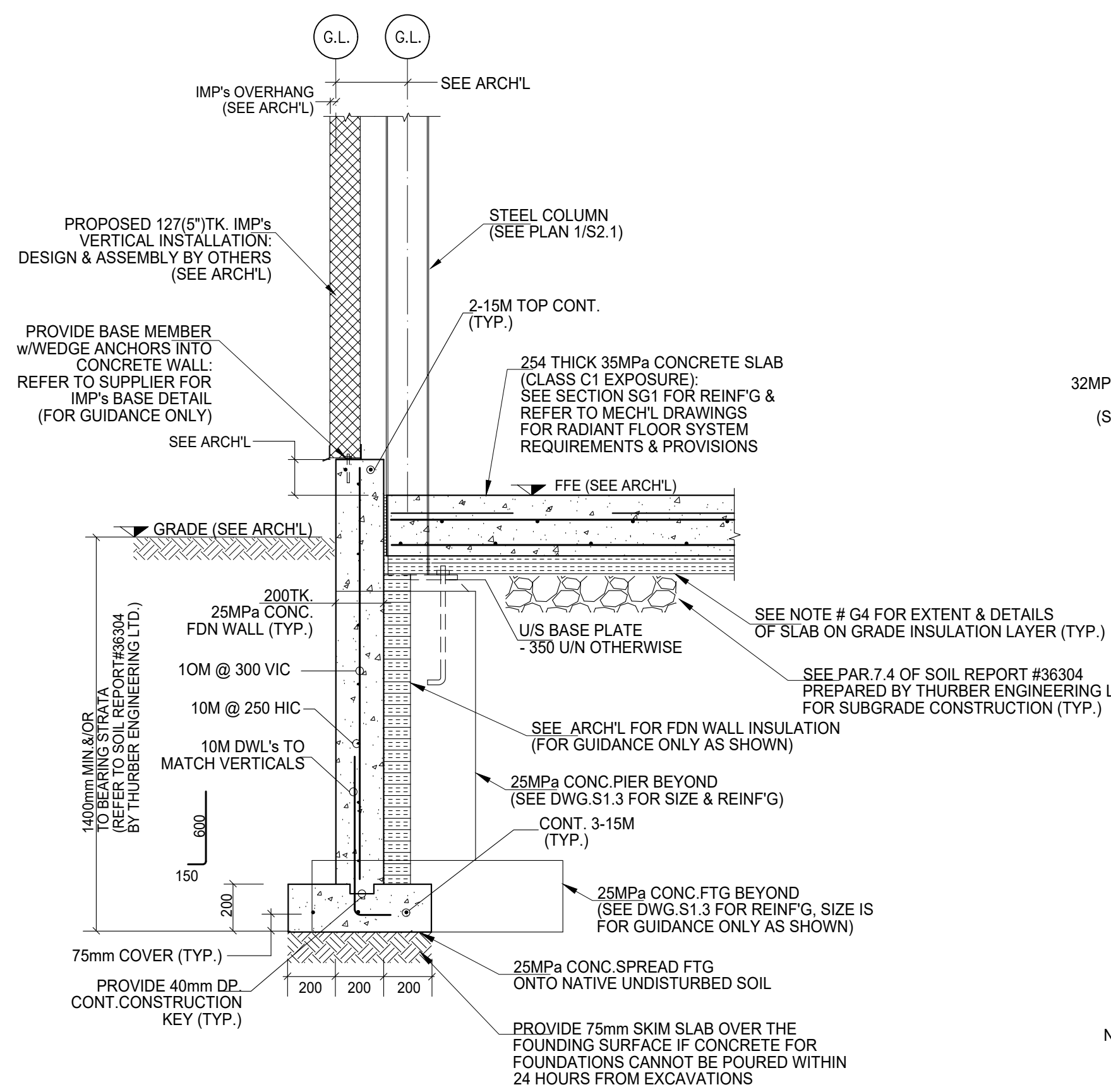
AUG./08/2023

Rev. No

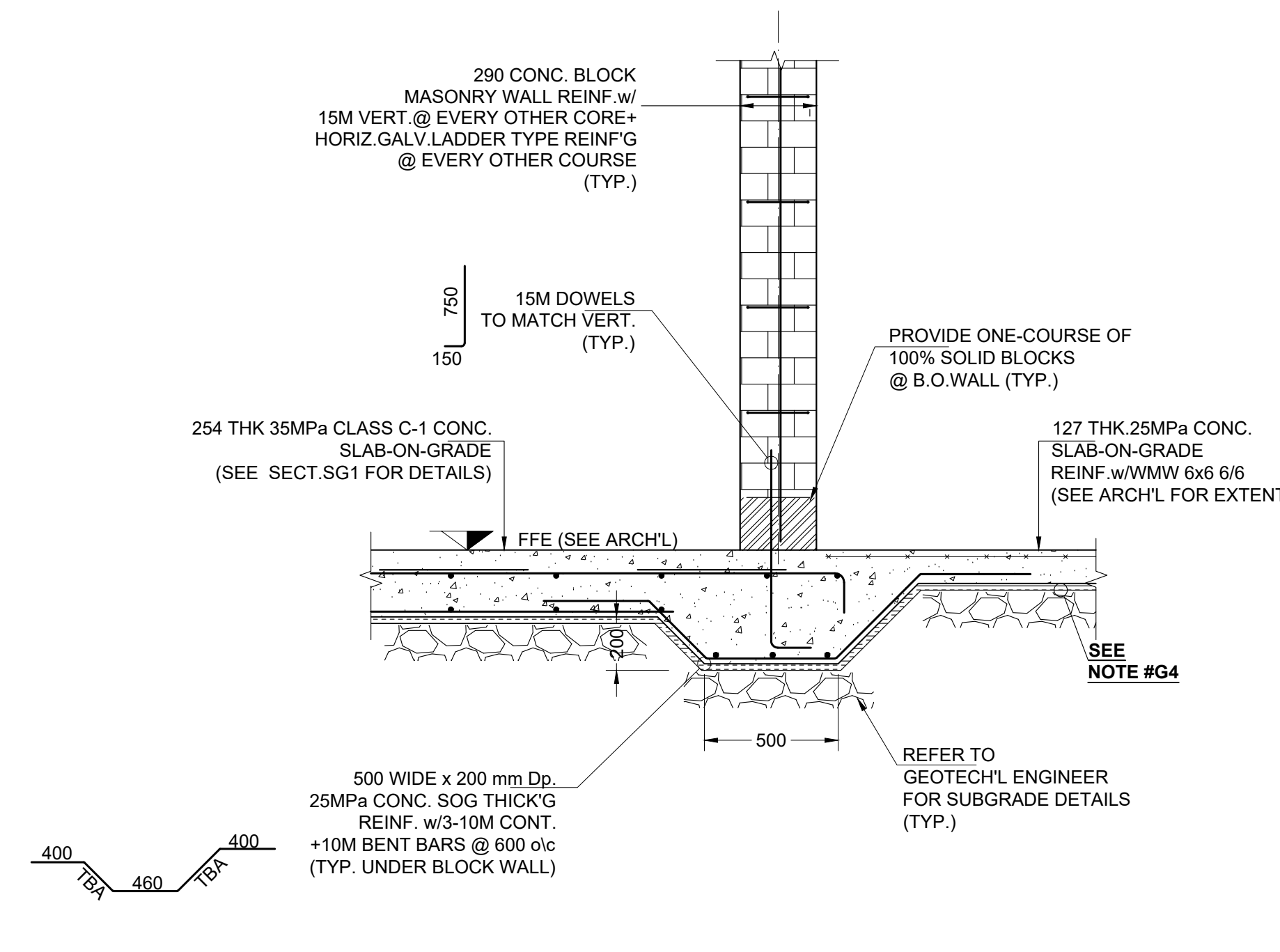
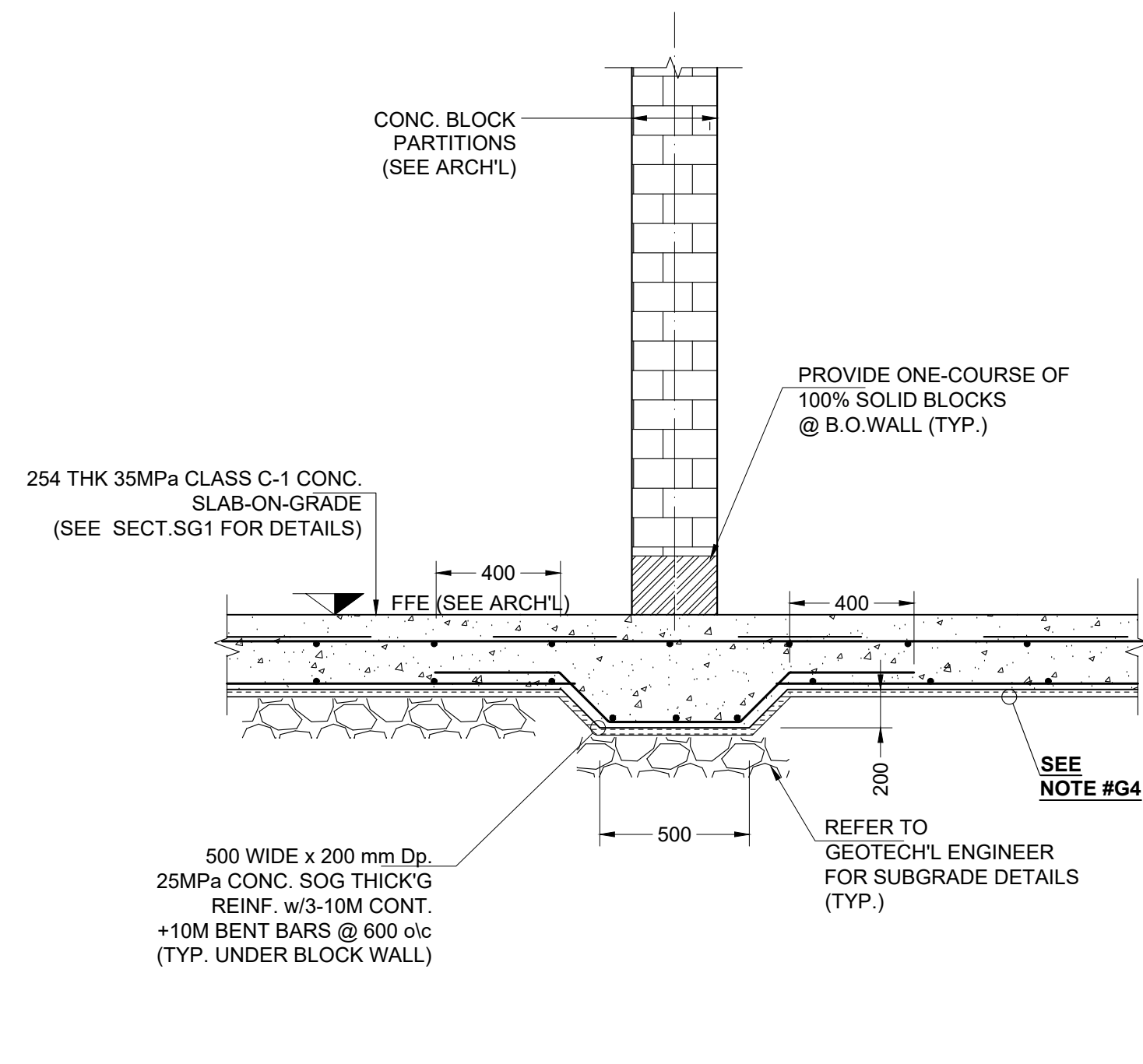
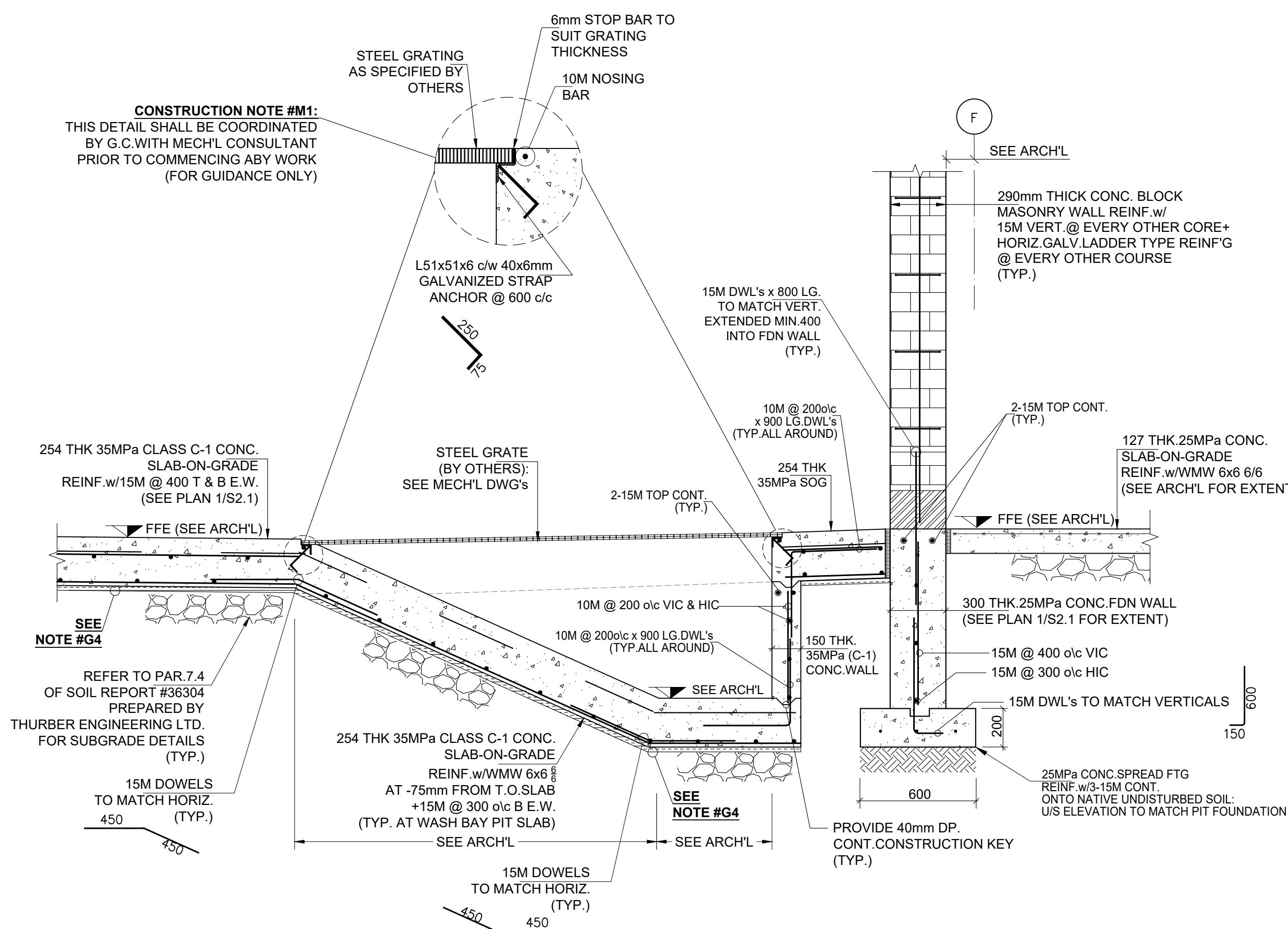
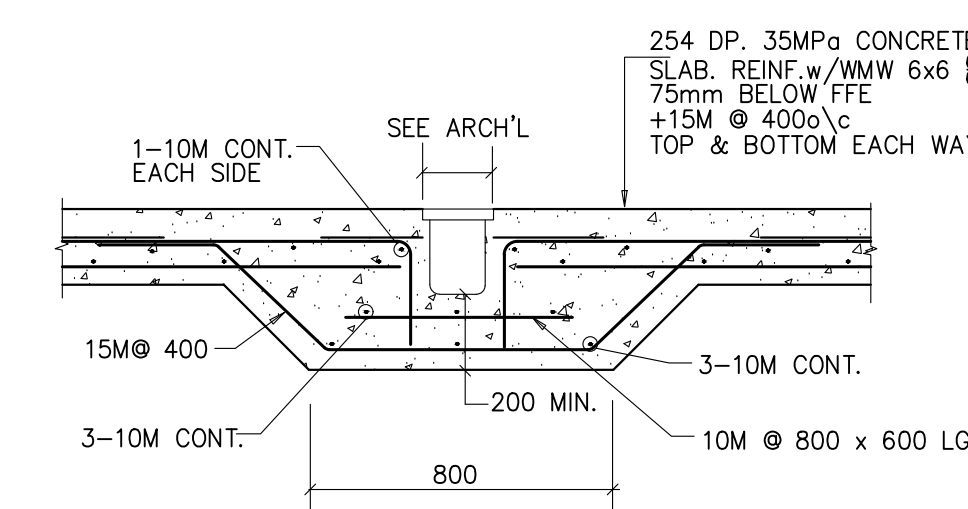
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ARCH E1' SIZE





CONSTRUCTION NOTES	
<b>CONSTRUCTION NOTE #G1</b> (TYPICAL AT NEW - EXISTING FOOTING INTERFACE): - DRILL & GROUT 15M HORIZONTAL DOWELS 300mm LONG MINIMUM 150mm EMBEDMENT INTO EXISTING CONCRETE FOOTING AT 200 o/c; - UNDERSIDE OF NEW FOOTING ELEVATION SHALL MATCH UNDERSIDE OF EXISTING FOOTING ELEVATION (DEPTH TO BE SITE VERIFIED BY GENERAL CONTRACTOR) - G.C. SHALL NEVER UNDERMINE ANY EXISTING FOOTING AND COMPLY WITH 7 TO 10 SLOPE REQUIREMENT FOR ADJACENT FOOTINGS AND EXCAVATION AS PER TYPICAL DETAIL TD-2/S1.2. - ANY EXCAVATION WORK IN PROXIMITY OF EXISTING FOUNDATIONS SHALL BE PERFORMED UNDER FULL TIME SUPERVISION OF A GEOTECHNICAL CONSULTANT HIRED BY GENERAL CONTRACTOR.	<b>CONSTRUCTION NOTE#F1:</b> i) PROVIDE TEMPORARY SHORING AS REQUIRED BY SITE CONDITIONS; ii) DIG DOWN TO EXPOSE EXISTING FDN WALL/FTG; iii) SAW-CUT & REMOVE EXISTING CONCRETE BLOCK FOUNDATION WALL AS REQUIRED TO ALLOW FOR NEW PIER CONSTRUCTION; iv) MAKE MASONRY WALL GOOD AFTER.
<b>CONSTRUCTION NOTE #G4</b> (REQUIREMENT FOR INSULATION LAYER): PROVIDE 3" THICK X 4'-0" WIDE 'FOAMULAR 400 HIGH DENSITY INSULATION' AROUND PERIMETER OF SLAB AND 1" THICK 'FOAMULAR 400 HIGH DENSITY INSULATION' FOR REMAINDER OF INTERIOR AREAS.	<b>CONSTRUCTION NOTE #1</b> THESE DRAWINGS SHOW THE COMPLETE STRUCTURE. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO CHOOSE CONSTRUCTION METHODS AND CARRY OUT THE WORK BASED ON SITE CONDITIONS.



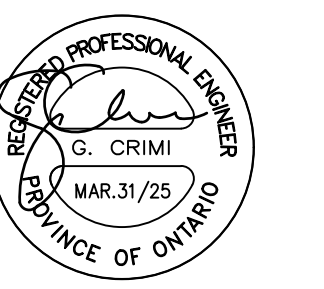
THESE DRAWINGS ARE THE PROPERTY OF EXSEN ENGINEERING LTD AND CANNOT BE USED OR REPRODUCED WITHOUT WRITTEN PERMISSION.  
 CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS AND BE RESPONSIBLE FOR SAME.  
 ANY DISCREPANCIES TO BE REPORTED BEFORE COMMENCING ANY WORK.  
 ONLY FINAL APPROVED DRAWINGS TO BE USED AND ALL PRINTS TO BE RETURNED UPON COMPLETION OF WORK.  
 PRINTS ARE NOT TO BE SCALED.

NO.	DESCRIPTION	DATE
1	FOR COORDINATION	DEC.10, 2022
2	FOR FINAL COORDINATION	DEC.16, 2022
3	FOR FINAL COORDINATION	AUG.01, 2023
4	FOR BUILDING PERMIT & SPA	AUG.08, 2023
5	FOR TENDER	JAN.20, 2025
6	RE-ISSUED FOR TENDER	MAR.31, 2025

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 info@alaimoarchitecture.com

P ENG Stamp



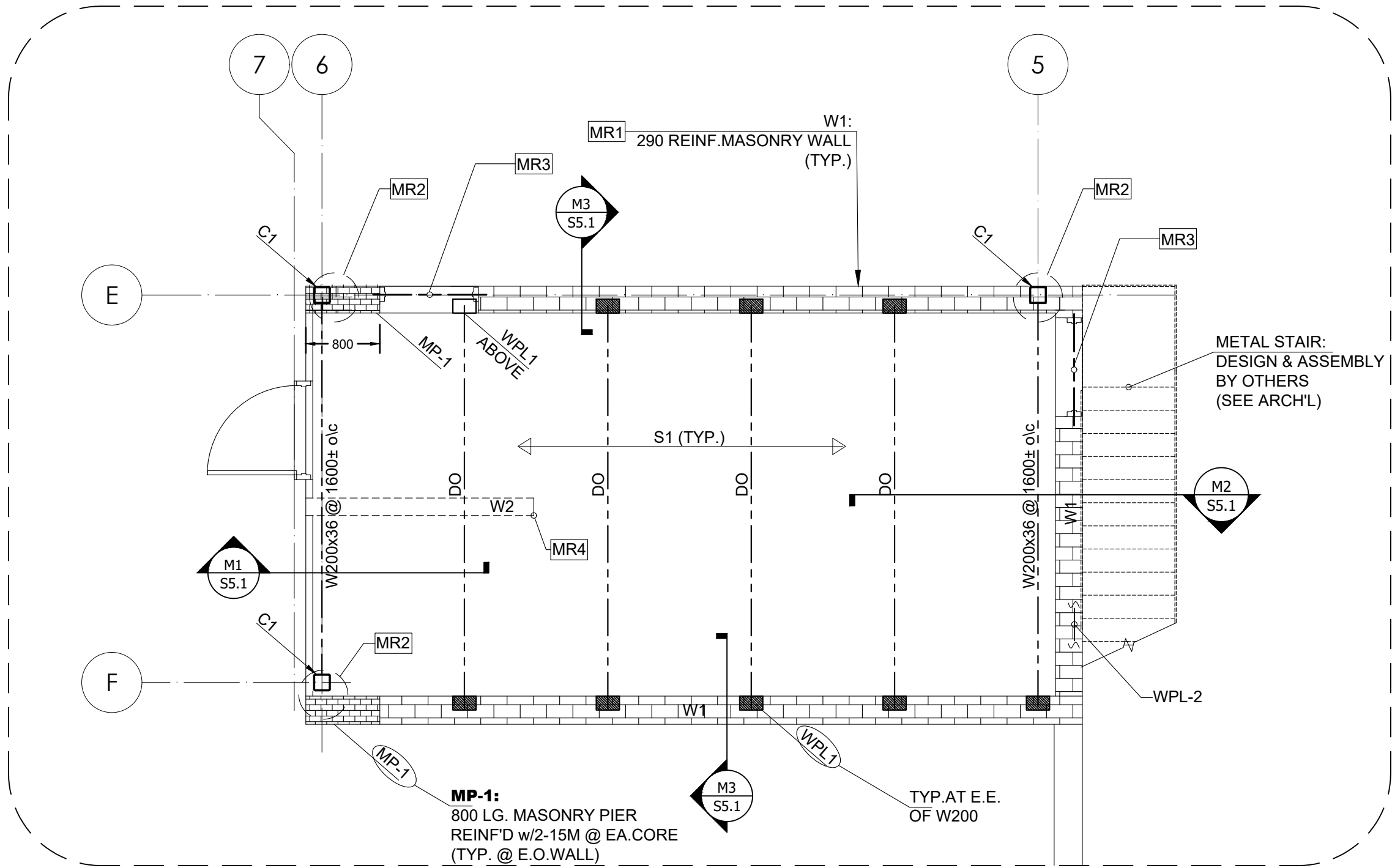
EXSEN ENGINEERING LTD.  
 CONSULTING ENGINEERS  
 390 TAREYTON RD.  
 RICHMOND HILL, ON  
 L4C 3X7  
 Ph. (416) 712-0970  
 exseng11@gmail.com

Drawing Title

FOUNDATION SECTIONS

PROJECT NAME  
**ORANGEVILLE OPERATION  
 CENTRE EXPANSION**  
**500C LINE, ORANGEVILLE, ONTARIO  
 L9W 4Z3**

Scale	As Noted	Sheet Number
Issued by	JC	S2.2
Project No	22036	
Date	AUG/08/2023	Rev. No 1
'ARCH E1' SIZE		



1  
S5.1  
MEZZANINE FRAMING PLAN  
SCALE: 1:50 (SEE ARCH'L FOR FFE ELEVATION)

MEZZANINE-DESIGN LOADING NOTES (OBC'12 & NBC'15-PART 4):

- DESIGN DEAD LOAD IS 2.30KPa (48.1 PSF) AS COMPOSITE DECK SELF-WEIGHT;
- DESIGN LIVE LOAD IS 4.8KPa (100 PSF) FOR STORAGE.

MEZZANINE DECK NOTES

'S1' ON FRAMING PLAN DENOTES 76mm DEEP 25MPa CONCRETE SLAB ON 38mm(1½") x 76mm (22GA.) COMPOSITE METAL DECK CONTINUOUS OVER MINIMUM (3)THREE SPANS.

PROVIDE SLAB REINFORCEMENT WITH ONE LAYER OF 15x152 p# 2/pg 2 WWM PLACED IN FLAT SHEETS 25mm FROM TOP OF SLAB.

DIAPHRAGM FASTENING REQUIREMENTS:  
AT DECK AREAS PROVIDE:  
TRANSVERSE WELDS EVERY OTHER FLUTE;  
BUTTON PUNCH SIDE LAPS @ 610mm(24") o/c;  
LONGITUDINAL WELDS @ 914mm (3'-0")o/c MAX.  
DIAPHRAGM & THEIR CONNECTIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH OBC'12 ART 4.1.8.15 & CSA S16-14 REQUIREMENTS.

STEEL DECK TO BE INSTALLED IN ACCORDANCE WITH RECOMMENDATIONS OF THE CANADIAN SHEET STEEL BUILDING INSTITUTE. SUBMIT SHOP DRAWINGS SEALED BY PRIOR TO INSTALLATION (SEE ALSO 'METAL DECK NOTES' ON DRAWING S1.1 FOR SPEC'S & DETAILS);

MR1 CONSTRUCTION NOTE #MR1 (MASONRY SHEAR WALLS):

a) MASONRY WALLS SHALL BE REINFORCED WITH 15M VERTICALS AT EVERY OTHER CORE AND GALVANIZED HORIZONTAL LADDER TYPE REINFORCING AT EVERY OTHER COURSE;

b) MASONRY WALLS ON PLAN SHALL FOLLOW ARCH'L DRAWINGS AND EXTEND TO UNDERSIDE OF COMPOSITE METAL DECK. GENERAL CONTRACTOR SHALL PROVIDE LATERAL SUPPORT AT TOP OF WALL IN ACCORDANCE WITH TYPICAL DETAIL TD17/S1.2;

c) GENERAL CONTRACTOR SHALL COMPLY WITH "MASONRY NOTES" AS SHOWN ON DRAWING S1.1;

d) GENERAL CONTRACTOR SHALL REFER TO ARCH'L DRAWINGS FOR TOP OF WALL ELEVATION. WALL EXTENT AS SHOWN ON THIS PLAN IS FOR GUIDANCE ONLY.

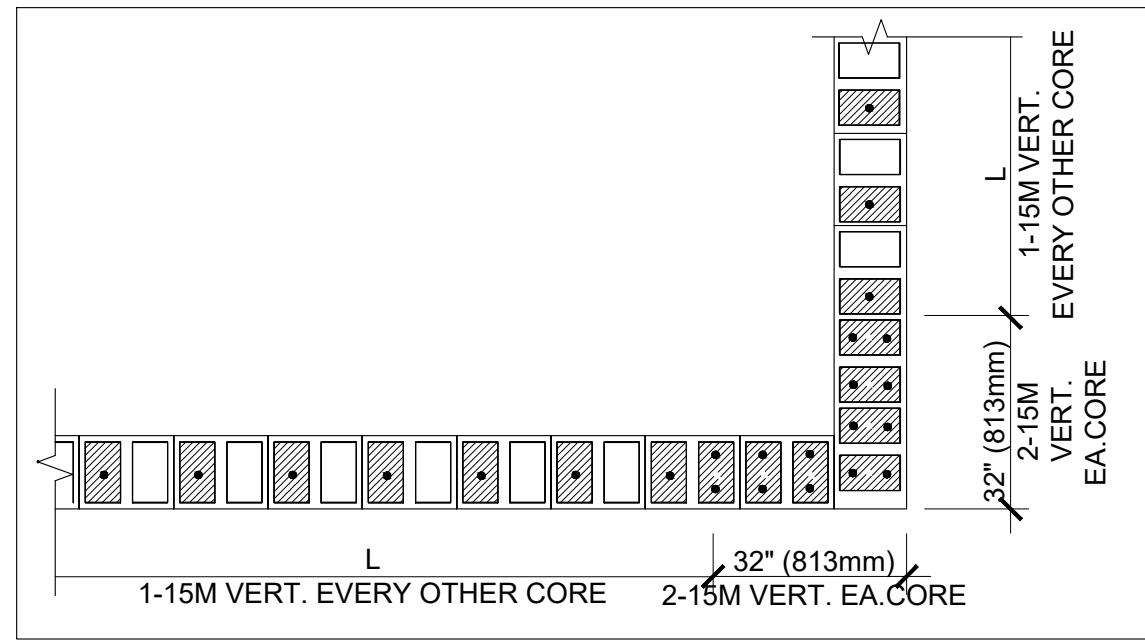
MR2 CONSTRUCTION NOTE #MR2 (REQUIREMENT FOR METAL STRAP ANCHORS):  
PROVIDE METAL STRAP ANCHORS AS PER TYPICAL DETAIL TD-4/S1.2 (TYPICAL AT MASONRY TO HSS STEEL COLUMN INTERFACE)

MR3 CONSTRUCTION NOTE #MR3 (STEEL LINTEL THRU' MASONRY WALL):  
PROVIDE STEEL LINTEL AS PER TYPICAL DETAIL TD-3/S1.2 WITH MINIMUM 150mm BEARING AT EACH END.

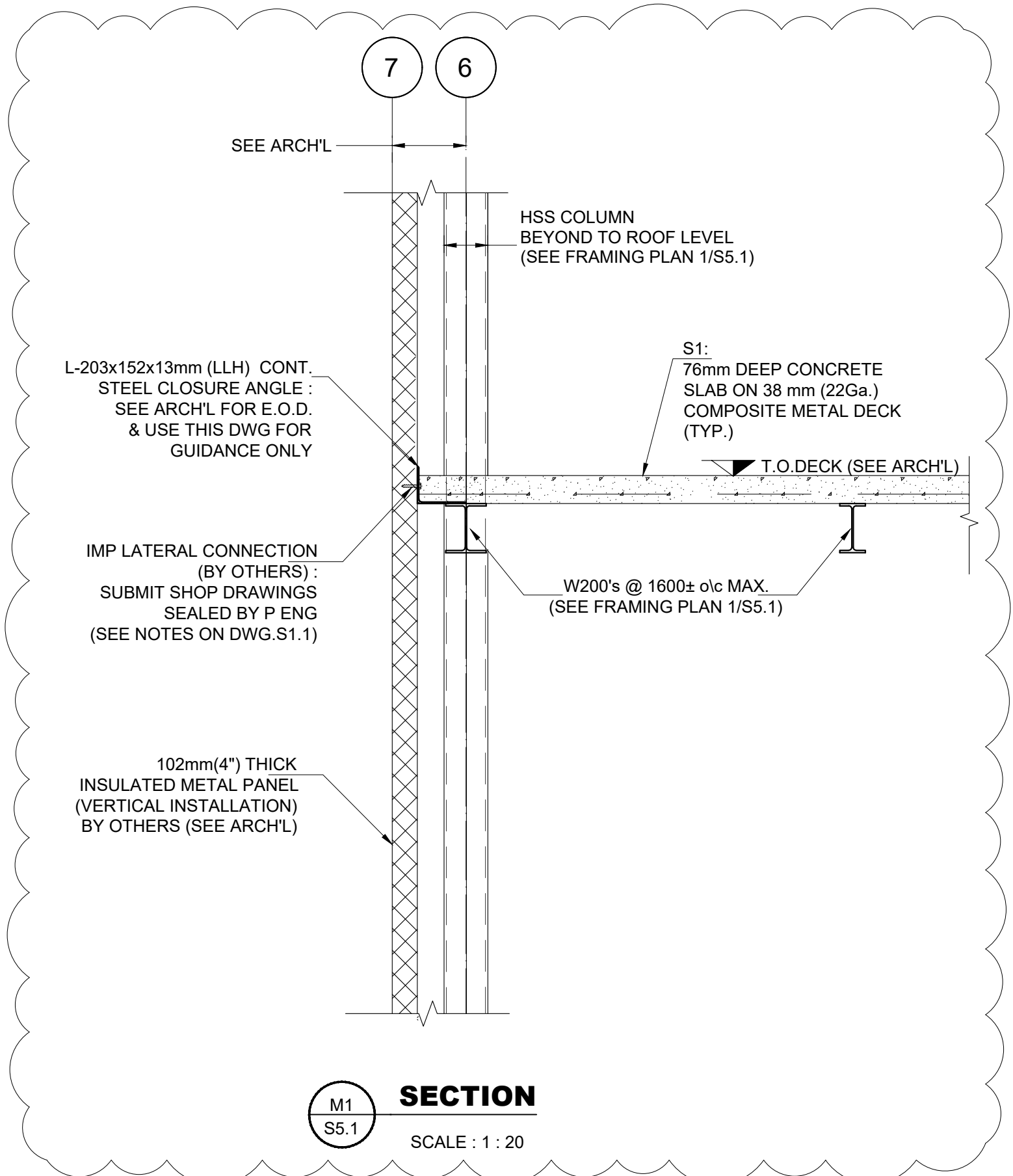
MR4 CONSTRUCTION NOTE #MR4 (REQUIREMENT FOR PARTITIONS TOP LATERAL CONNECTION):  
PROVIDE CONNECTION TO U/S DECK AS PER TYPICAL DETAIL TD-17/S1.2 (TYPICAL AT MASONRY PARTITION TO U/S DECK INTERFACE)

MASONRY WALL LEGEND	
	W1: 290mm CONCRETE BLOCK MASONRY SHEAR WALL TO ROOF LEVEL (SEE NOTE # MR1 FOR REINFORCING)
	W2: 190mm UNREINFORCED CONCRETE BLOCK PARTITION WALL TO U/S OF DECK LEVEL (SEE NOTE # MR4)

WALL PLATE SCHEDULE (300W)	
WPL-1: ON PLAN DENOTES 250x19x150 WALL PLATE +2-15M WELDABLE RODS 400mm LG. ONTO MIN.TWO COUSES OF 100% SOLID MASONRY	
WPL2: 150x13mm CONTINUOUS BEARING PLATE w/15M WELDABLE RODS @ 600mm o/c x400mm LG.	

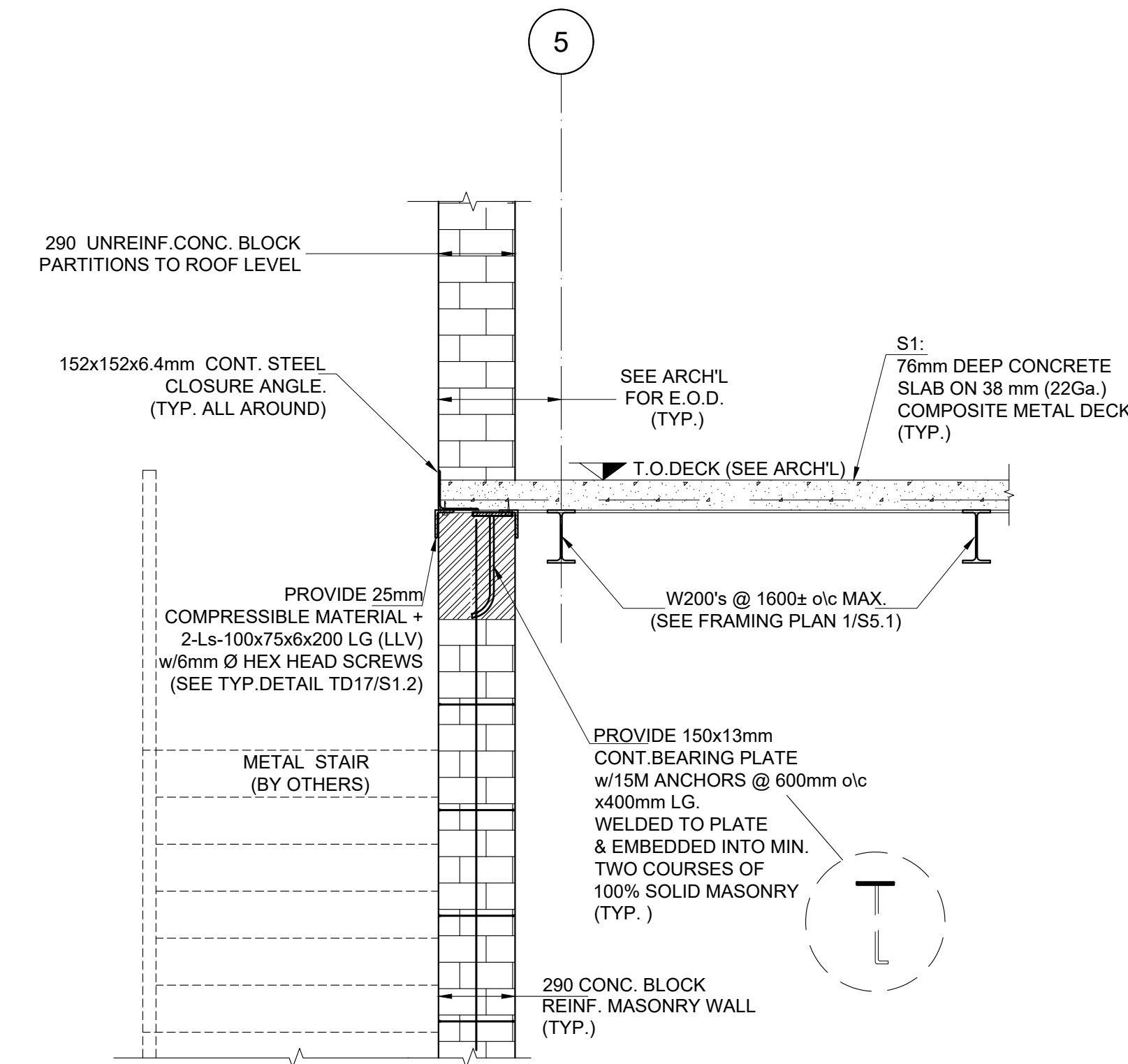


TD-A  
S5.1  
TYPICAL REINFORCING @ CORNER WALL  
(N.T.S.)

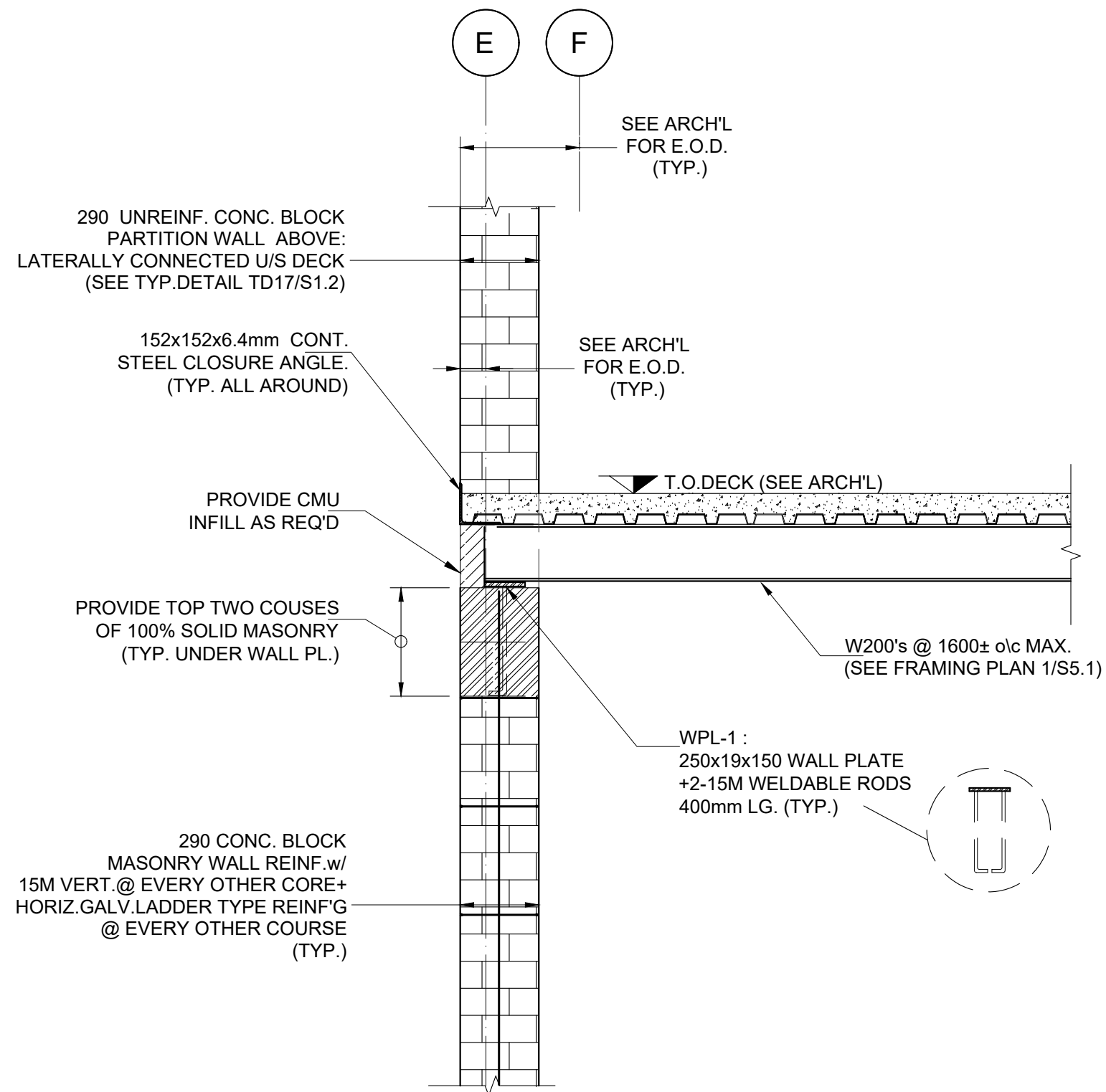


M1  
S5.1  
SECTION  
SCALE: 1:20

6



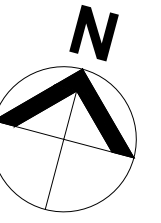
M2  
S5.1  
SECTION  
SCALE: 1:20



M3  
S5.1  
SECTION  
SCALE: 1:20

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Orientation



NO.	DESCRIPTION	DATE
1	FOR COORDINATION	DEC.10, 2022
2	FOR FINAL COORDINATION	DEC.16, 2022
3	FOR FINAL COORDINATION	AUG.01, 2023
4	FOR BUILDING PERMIT & SPA	AUG.08, 2023
5	FOR TENDER	JAN.20, 2025
6	RE-ISSUED FOR TENDER	MAR.31, 2025

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P ENG Stamp



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390 TAREYTON RD.  
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exseng11@gmail.com

Drawing Title

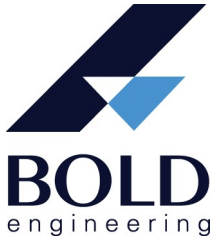
MEZZANINE FRAMING PLAN  
& SECTIONS

PROJECT NAME

ORANGEVILLE OPERATION  
CENTRE EXPANSION  
500C LINE, ORANGEVILLE,ONTARIO  
L9W 4Z3

Scale	As Noted	Sheet Number  S5.1
Issued by	JC	
Project No	22036	
Date	AUG/08/2023	Rev. No 1

'ARCH E1' SIZE



**Bold Engineering Inc.**  
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ADD  
#E01

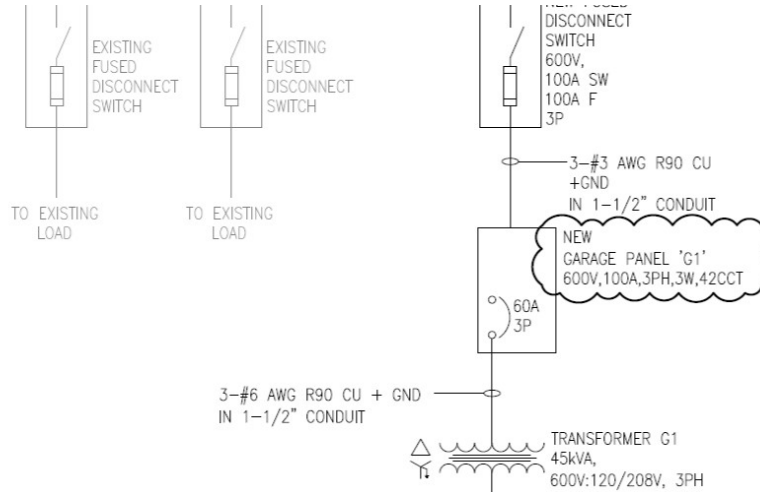
<b>Project:</b>	Orangeville Operation Centre Renovations	<b>Project No.</b>	B22.367.32
<b>Address:</b>	500 C Line, Orangeville, ON	<b>Date:</b>	2025-03-28
<b>To:</b>	Frank Alaimo Alaimo Architecture Inc. T: 905-856-8240 ex 101 E: <a href="mailto:frank@alaimoarchitecture.com">frank@alaimoarchitecture.com</a>	<b>From:</b>	Devin Bliefert Bold Engineering Inc. 2778 Dufferin Street, Suite 104 Toronto, ON M6B 3R7 T: 416-556-0766 E: <a href="mailto:dbliefert@boldengineering.ca">dbliefert@boldengineering.ca</a>

This addendum shall form an integral part of the Bid Documents for the above project and shall be read in conjunction therewith. This addendum shall, however, take precedence over all requirements of the previously issued Drawings and Specifications with which it may prove to be at variance, unless otherwise clarified by the Engineer.

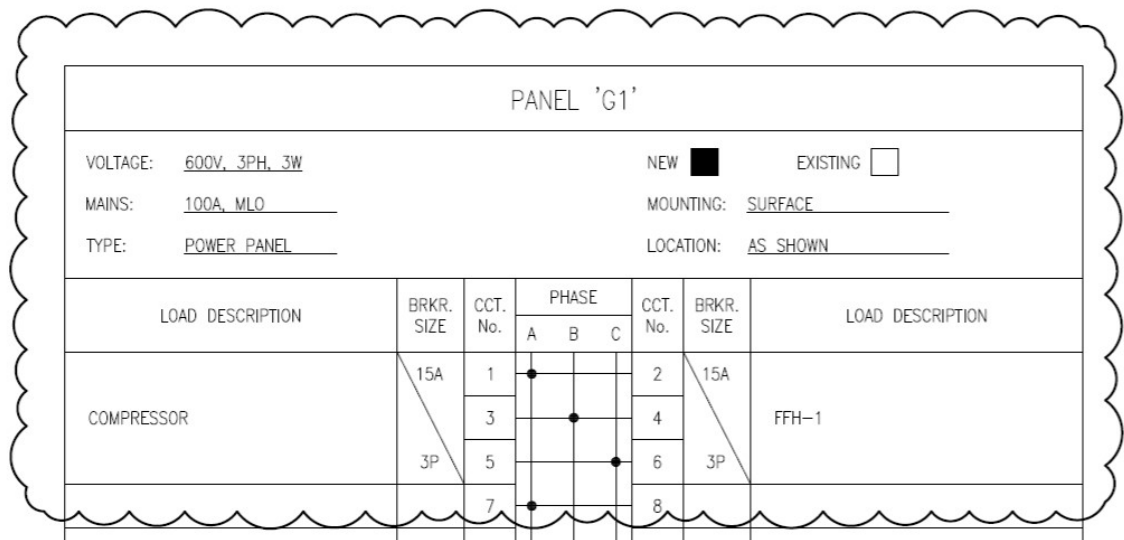
### **ELECTRICAL DESIGN:**

#### **1. REFERENCE DRAWING: E2 – ELECTRICAL LEGEND, SLD AND SCHEDULES**

1. The 'G1' panelboard rating has been revised from 4-wire to 3-wire. Refer to sketch below for more information.



2. The circuit breaker within Panel 'G1' supplying the FFH has been revised from 347V,15A,1P to 600V,15A,3P. The circuiting has been updated to G1#2,4,6. Refer to sketch below for more information.



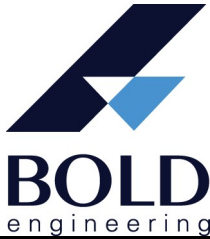
## 2. REFERENCE DRAWING: E3 – PROPOSED POWER PLAN – GROUND FLOOR

1. The direct connection for the FFH-1 within the entrance vestibule has been revised from 347V,15A,1P to 600V,15A,3P. The circuiting has been revised to G1#2,4,6. Refer to sketch below for more information.









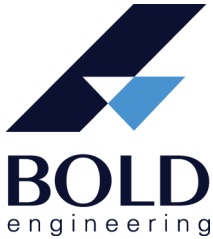
No: Addendum #E01  
To: All Bidders

Project No: B22.367.32  
Date: 2025-03-28

Issued by:  
**BOLD Engineering Inc**  
Per:  
**Devin Bliefert, P.Eng.**  
Electrical Engineer

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**End of Addendum**



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ADD  
#M01

**Project:** Orangeville Operation Centre  
Renovations

**Project No.** B22.367.32

**Address:** 500 C Line, Orangeville, ON

**Date:** 2025-03-28

**To:** Frank Alaimo  
Alaimo Architecture Inc.  
T: 905-856-8240 ex 101  
E: [frank@alaimoarchitecture.com](mailto:frank@alaimoarchitecture.com)

**From:** Manny Kahlon  
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2778 Dufferin Street, Suite 104  
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T: 416-556-0766  
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This addendum shall form an integral part of the Bid Documents for the above project and shall be read in conjunction therewith. This addendum shall, however, take precedence over all requirements of the previously issued Drawings and Specifications with which it may prove to be at variance, unless otherwise clarified by the Engineer.

### **ELECTRICAL DESIGN:**

#### **1. REFERENCE DRAWING: M2 – HVAC PLAN (Re-Issued)**

1. Revised the location and quantity of tube heater.
2. Provided Radiant Tube Heater Schedule

Issued by:

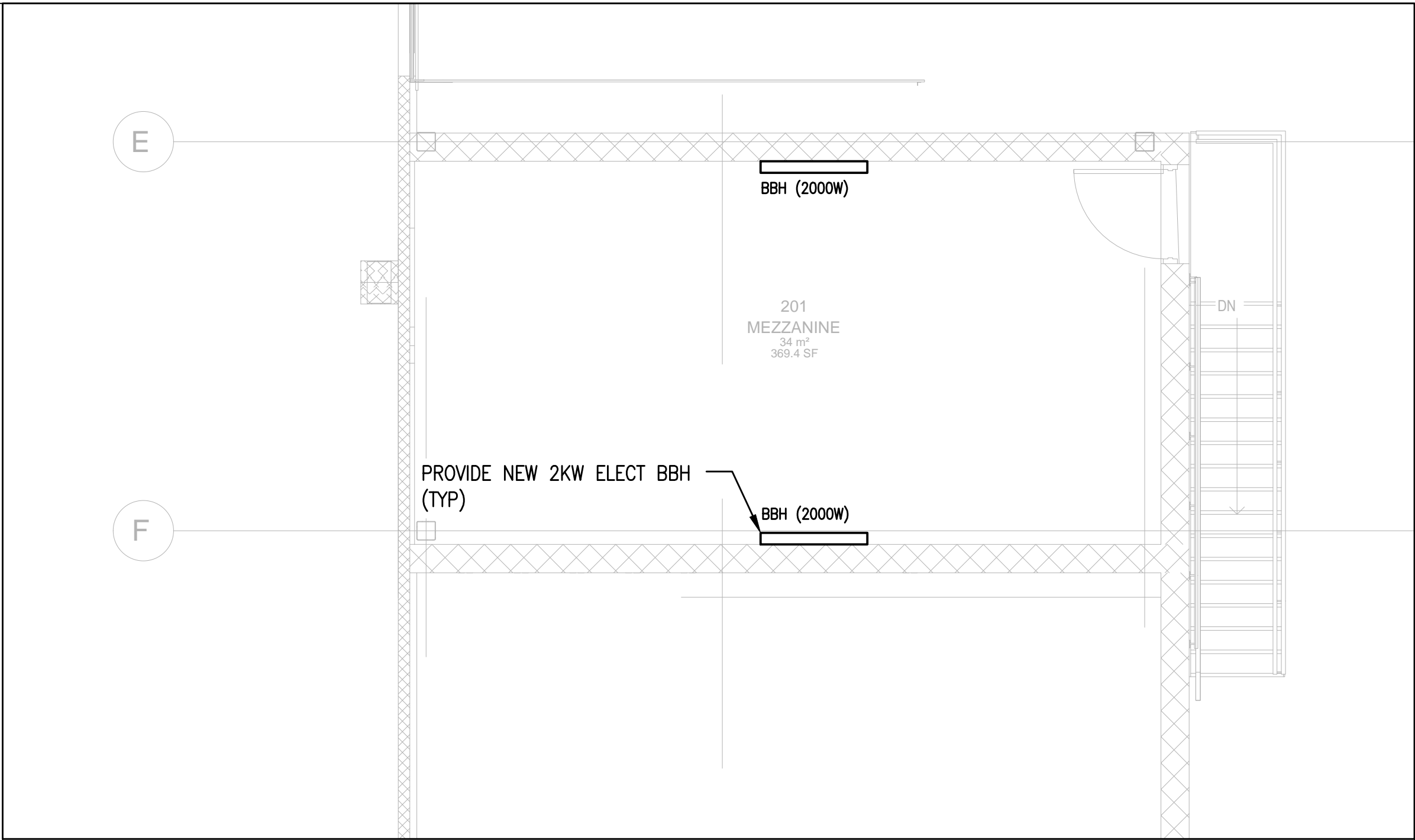
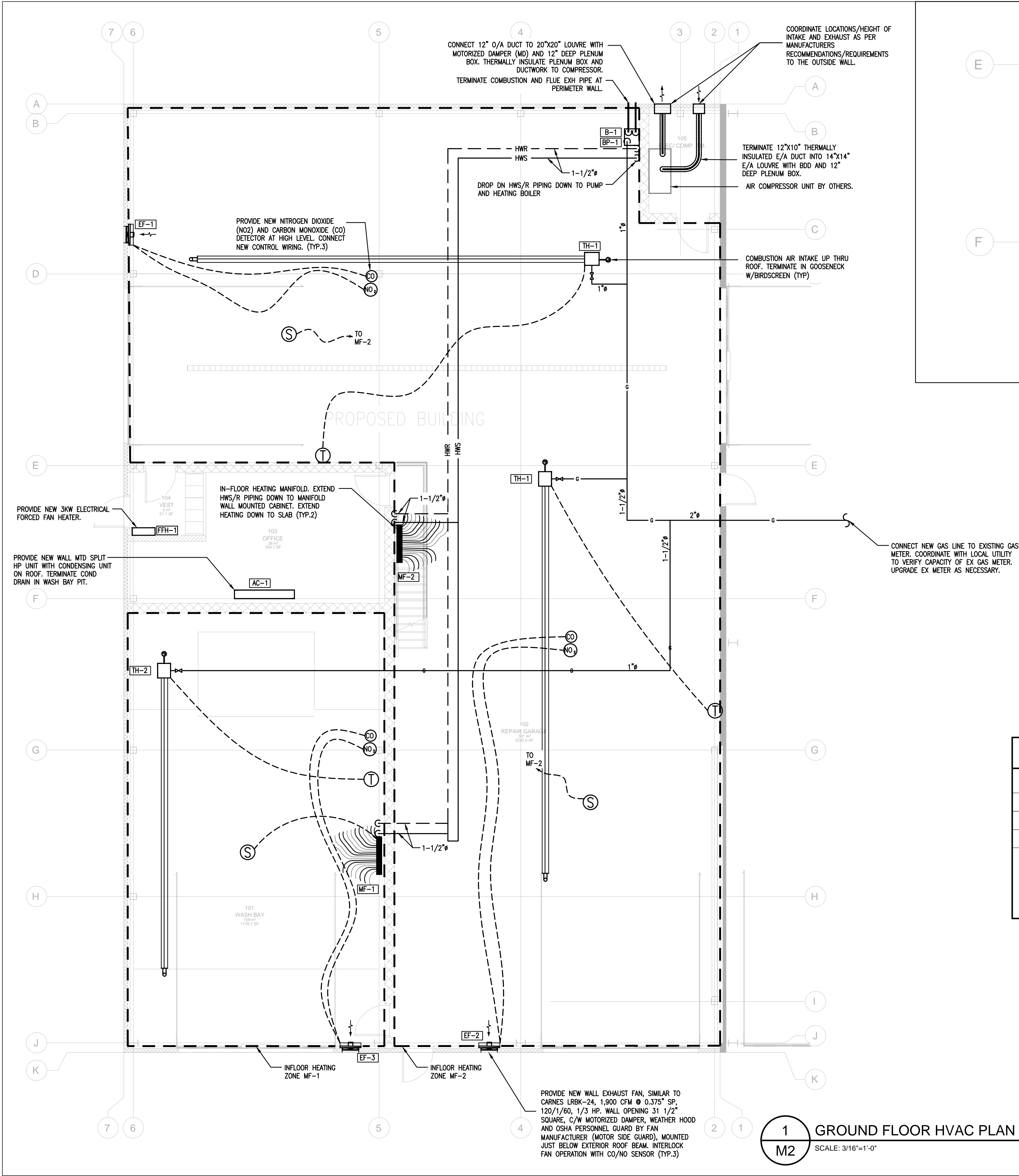
**BOLD Engineering Inc**

Per:

**Manny Kahlon, P.Eng.**

Mechanical Engineer

**End of Addendum**



2 MEZZANINE HVAC PLAN  
SCALE: 1/4"=1'-0"

RADIANT HEATER SCHEDULE							
BASIS OF DESIGN : SCHWANK OR EQUAL IN SPECIFICATIONS & PERFORMANCE							
MARK	MANUFACTURER MODEL NUMBER	GAS INPUT	ELECTRICAL	CONTROL	MOUNTING HEIGHT	QUANTITY	NOTES
TH-1	SCHWANK STS-JZ 155 -40'	155 MBH	120V - 1 PH	MODULATING	U/S WEB JOIST	2	1 2 3 4 5
TH-2	SCHWANK STS-JZ 130 -30'	125 MBH	120V - 1 PH	MODULATING	U/S WEB JOIST	1	1 2 3 4 5 6
NOTES: 1 #2 LION CHAIN - 200' 115LBS WORK LOAD (1 EACH) 5 INSTALL REFLECTOR AT 45° TILT TO THE INTERIOR							
2 SAFETY SNAP HOOKS - 2" - 24 PER PACKAGE							
3 TRUTH-IP IR THERMOSTAT							
4 MOISTURE PROOF THERMOSTAT (TF-115)							
5 ROOF VENT TERMINAL UNIT							
6 FRESH AIR INTAKE VENT CAP							

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No.	Revision	Date	By
3	ISSUED FOR ADD-M01	MAR.28.25	MK
2.	ISSUED FOR PERMIT & TENDER	JUL.12.23	MK
1.	ISSUED FOR 99% REVIEW	DEC.12.22	CB

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Project Name  
**ORANGEVILLE OPERATION  
CENTRE EXPANSION**

500 C LINE, ORANGEVILLE, ON L9W 4Z3

Sheet Title  
**HVAC PLAN**

Drawn By MK Scale 3/16"=1'-0"

Designed By MK Date January 06, 2023

Project Number **B22-367.32**

Sheet Number Revision

**M2** **1**