

PROJECT NO. 23116
HOSSACK ARCHITECTS

ADDENDUM NO. 2

Issued by email Wednesday September 18, 2024

The following additions, deletions, modifications and clarifications issued herein are hereby an integral part of the Tender and Contract Documents. Minor Typographic or spelling mistakes in the Contract Documents which do not significantly affect the meaning of the sentence or phrase in which they occur may not necessarily be corrected by Addenda.

GENERAL

1. Ensure that all parties submitting bids are aware of this **Addendum No.2** and its contents.
2. **Contents:** Addendum No. 2 - in its entirety consists of the following:
 - .1 Three (3) typed page of instructions, dated: September 18, 2024 by Hossack Architects.
 - .2 Specification section '10 43 70 Concrete Storage Unit (3 pages)
 - .3 Civil Addendum 2 - 'CV-1 Erosion & Sediment Control and Removal Plan' dated Sep. 18/2024 - one (1) full size drawing 30" x 42" issued by MGM Consulting Inc.
 - .4 Structural Addendum 1, dated September 17, 2024 – One (1) typed page of instructions and two (2) full size drawings 30" x 42" issued by Salas O'Brien.

AMENDMENTS TO SPECIFICATIONS – BINDER A

Item 1: Section 00 00 10 Table of Contents:

- .1 REVISE section "04 21 13...Masonry Veneer...6" to read: "04 22 00...Masonry Veneer...6".
- .2 ADD section "10 43 70...Concrete Storage Unit...3".

Item 2: Section 00 11 00 General Instructions and Summary of Work:

- .1 DELETE item 1.8.1.13. *Reason: The access modification permit has been obtained and fees paid for by the City of Mississauga. The Contractor is still responsible for coordinating the work.*
- .2 DELETE item 1.34.8.16. *Reason: Not required as a result of a hydrant flow test.*
- .3 ADD item 1.34.8.18 Bunker Gear Room Racking.
- .4 ADD item 1.34.8.19 Murphy Beds in Captain's Offices.
- .5 ADD item 1.34.8.20 Final lock cores and keying.
- .6 ADD item 1.34.8.21 PA System equipment installation (pathways and wiring in base contract) and tone generator.
- .7 ADD item 1.34.8.22 Kitchen appliances and washer & dryer. Installation of appliances shall be in base contract, purchase of equipment through cash allowance.
- .8 REVISE item 1.34.8.11 to read: "Security equipment, including card readers and cameras".
- .9 DELETE item 1.34.8.7. *Reason: Motorola is contracted directly with the Owner and will install the equipment at substantial completion. All infrastructure is included in base contract.*
- .10 DELETE item 1.34.8.10. *Reason: IT scope is included in base contract. IT Network Standards are provided in Tender Appendix. Base contract to include supply and install of conduit, wiring and coordination.*

Item 3: Section 10 11 25 Manufactured Specialties:

- .1 DELETE item 2.1.7 Gear Room Racking (Free Standing).
- .1 DELETE item 2.1.8 Laundry Room Drying Racking (Free Standing).
- .2 DELETE item 2.1.9 Hose Drying Rack (Free Standing).

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Reason: Gear Room Racking moved to Cash Allowance. Laundry Room drying rack and Hose drying rack will be supplied by the Owner.

Item 4: Section 10 43 70 Concrete Storage Unit:

- .1 ADD specification section 10 43 70 Concrete Storage Unit, 3 pages.

Item 5: Drawings and Specifications:

- .1 REVISE all references in specifications and drawings for imported fill material to meet MOE 'Table 3.2' to be revised to MOE '**Table 3.1**'.

AMENDMENTS TO DRAWINGS

Item 6: Drawings A02 Ground Floor Plan:

- .1 DELETE Patio Furniture graphics including the wording "Patio Furniture (NIC)" from the exterior Patio area south of grid line M between 2&3.
- .2 ADD wording "Refer to Landscape Plan for Patio Furniture" to the exterior Patio area south of grid line M between 2&3.
- .3 DELETE text label "SC1" in Lounge 120. This glazed opening is part of Frame Elevation Type 4 (A15).

Reason: Coordination.

Item 7: Drawings A04 Floor Finish, Room Finish and Signage Plan:

- .1 ADD text label "Roller Shades + Black out Shades" next to the East window in Lounge 120.
- .2 REVISE room finish schedule to read: "Electrical Room 141...Floor Finish: PORCELAIN TILE on Mezzanine Landing, SEALED CONCRETE within Electrical Room...Base: PORCELAIN TILE on Mezzanine Landing, RR with Electrical Room".

Item 8: Drawings A05 Reflected Ceiling Plans:

- .1 DELETE the label "G.B. Bulkhead" from the following rooms: Dormitory A 123, Dormitory B 124, Captain's Room A 103, Captain's Room B 104.
- .2 ADD label "G.B Bulkhead" at the following locations: 1) Corridor A 101 between the ACT ceiling and the exposed pre-cast concrete roof deck. 2) Corridor B 125 between the ACT ceiling and the exposed pre-cast concrete roof deck.

CIVIL

- .1 Civil Addendum 2 - REPLACE drawing 'CV-1 Erosion & Sediment Control and Removal Plan' with the enclosed drawing 'CV-1 Erosion & Sediment Control and Removal Plan' dated Sep. 18/2024 - one (1) full size drawing 30" x 42" issued by MGM Consulting Inc.

**PROJECT NO. 23116
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Issued by email Wednesday September 18, 2024

STRUCTURAL

- .1 Structural Addendum 1, dated September 17, 2024 – One (1) typed page of instructions and two (2) full size drawings 30" x 42" issued by Salas O'Brien.

End of Addendum No. 2

Part 1 General

1.1 RELATED WORK

- .1 Section 01 33 00 - Submittal Procedures.

1.2 WORK INCLUDED

- .1 Supply and install prefabricated unit as specified in location shown on drawings.
- .2 Supervision, inspection and checking of unit as installed on site.

1.3 REFERENCES

- .1 Drawing designation: "Precast Concrete Storage Shed". Refer to Site Plan drawing.

1.4 SHOP DRAWINGS

- .1 Submit shop drawings in accordance with Section 01 33 00 - Submittal Procedures.

1.5 SAMPLES

- .1 Submit samples in accordance with Section 01 33 00 - Submittal Procedures.

1.6 GUARANTEE

- .1 Submit a written Guarantee to the Owner, that all work of this Tender shall be free from defects in workmanship and materials for a minimum period of one (1) year from date of approved completion.
- .2 All defects (excluding vandalism) in materials and workmanship that become apparent during the Guarantee period shall be made good or material replaced at no cost to the Owner.

1.7 WASTE MANAGEMENT AND DISPOSAL

- .1 Remove from site and dispose of all packaging materials at appropriate recycling facilities.
- .2 Collect and separate for disposal paper, plastic, polystyrene, corrugated cardboard, packaging material in appropriate on-site bins for recycling.
- .3 Place materials defined as hazardous or toxic in designated containers.
- .4 Divert unused metal materials from landfill to metal recycling facility as approved by Consultant.
- .5 Unused paint or coating material must be disposed of at an official hazardous material collections site as approved by Consultant.
- .6 Fold up metal banding, flatten and place in designated area for recycling.

- .7 Do not dispose of unused paint material into sewer system, into streams, lakes, onto ground or in any other location where it will pose health or environmental hazard.

1.8 LOCATION

- .1 **Provide one (1) unit.** Refer to site plan SP1.

Part 2 Products

2.1 MATERIALS

- .1 Pre-cast concrete building/storage unit, Pre-cast concrete building/storage unit, Model-70, 2134mm x 3861mm x 1905mm high, as manufactured by Brooklin Concrete Products, 1-800-655-3430 or approved alternate".
- .3 Weight: 24,000 lbs (10,886 kg) gross.
- .4 Construction:
- .1 steel reinforced walls, roof & base.
 - .2 16 ga. painted steel doorframe cast into wall for security.
 - .3 live roof load 40 p.s.f.
 - .4 max. wind load 31 p.s.f. (equivalent hourly wind pressure 14.4 p.s.f.)
 - .5 concrete 4000 p.s.i. minimum.
 - .6 exposed aggregate walls (natural stone finish)
 - .7 base, clean smooth (white) concrete.
 - .8 graffiti resistant exterior coating.
 - .9 no joints between walls or between walls & roof for superior weather protection and to eliminate maintenance.
 - .10 delivered and place as (1) piece (no on-site assembly)
 - .11 seal between walls & base is maintenance free mastic.
 - .12 (2) heavy duty aluminum vents with birdscreen to provide free area of 120 square inches.
- .5 Door & hardware:
- .1 (2) 36" x 80" x 1 1/2" thick hollow metal doors.
 - .2 16 ga. steel, wipe coated zinc base coat, with one coat galvaprime and two coats gloss exterior alkyd paint.
 - .3 spot welded edges.
 - .4 (3) vandal resistant hinges/door (Hagar BB2222x4, 5x4x619xNRP)
 - .5 steel top cap each door.
 - .6 aluminum & fibre door sweep bottom
 - .7 Schlage B160N deadbolt lock, standard (can be fitted with spec lock to match existing sets)
 - .8 Keying to be confirmed with Consultant.
 - .9 Both doors w/ spring softened chain checks (Mallory 1225).
 - .10 fixed doors w/top & bottom surface bolts (onward564)

Part 3 Execution

3.1 INSTALLATION

- .1 For concrete or asphalt surface: Bearing pads to be provided if levelling is required

-
- .2 For grass site: 11'0" x 11'0" x 6" thick compacted stone chip base with 2" loose stone chips on top.
 - .3 Comply manufacturer's installation instructions and approved shop drawings.

END OF SECTION



Structural Addendum #1

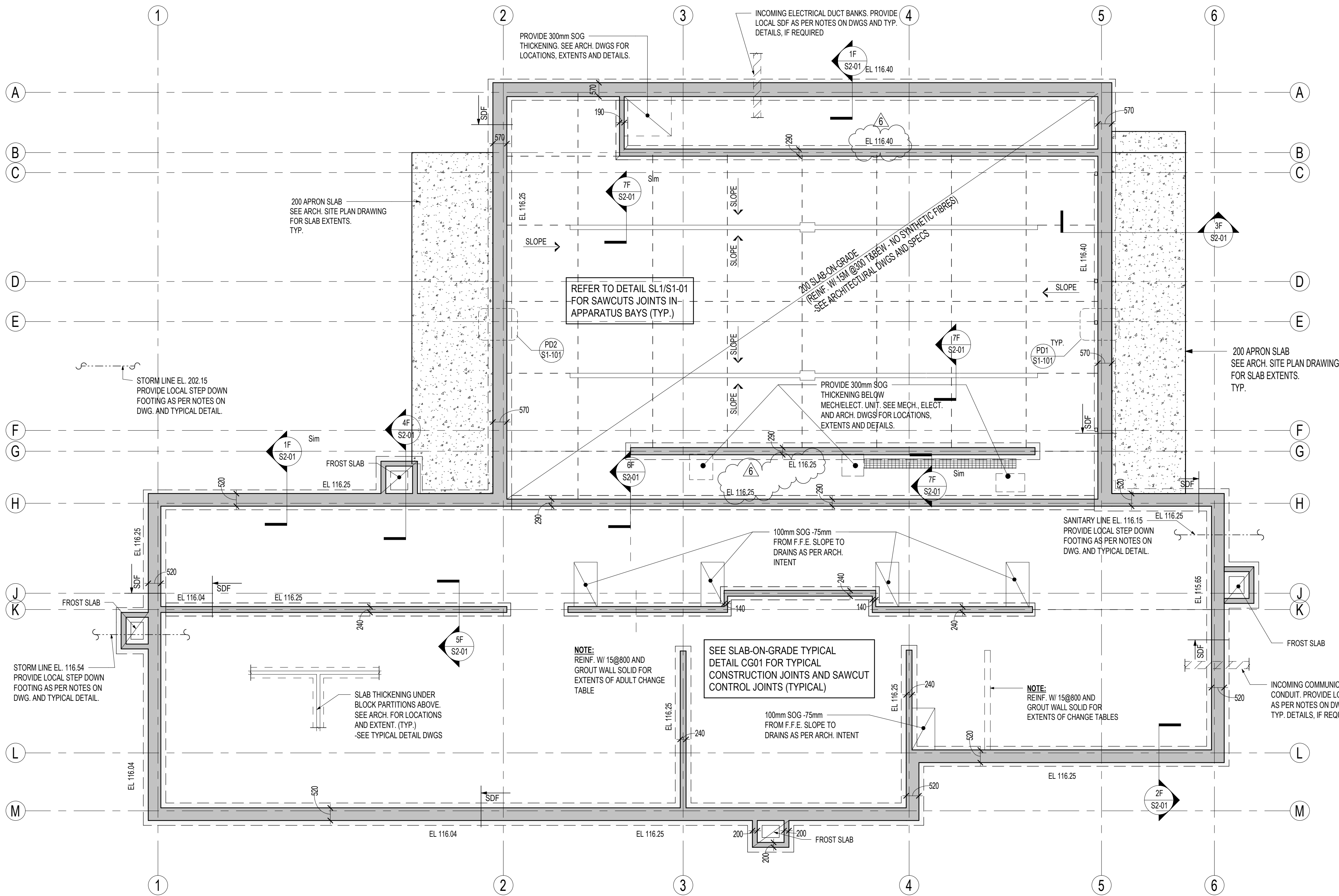
1.0 REFERENCE STRUCTURAL DRAWING S1-01 (RE-ISSUED)

- .1 Footing elevations added/clarified. See Clouded Areas

2.0 REFERENCE STRUCTURAL DRAWING S2-01 (RE-ISSUED)

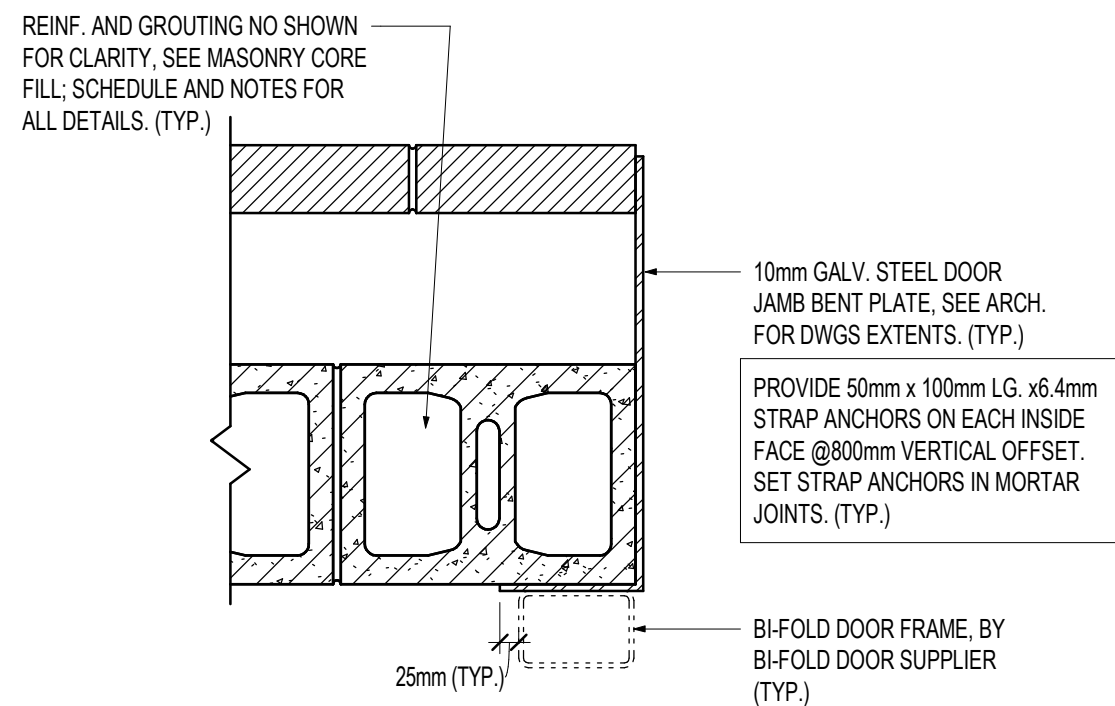
- .1 Section 1F edited to note 'See Plan' for foundation wall width. See clouded area.
- .2 Retaining wall section added to plan. See Clouded Area. Coordinate all extents with Civil and/or Architectural drawings.

END OF STRUCTURAL ADDENDUM #1.

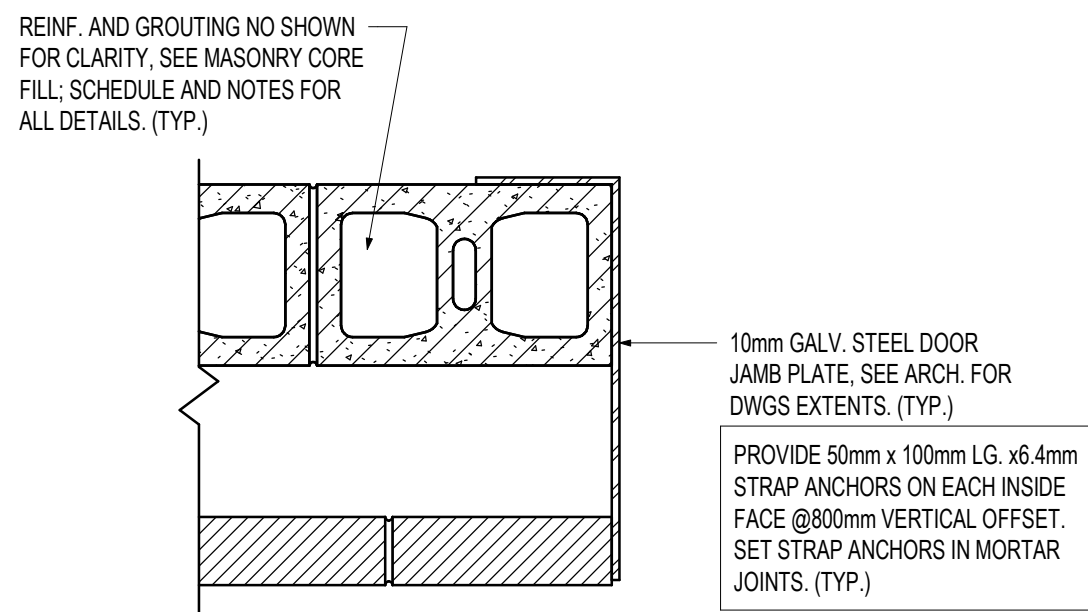


LOWER ELEVATIONS AT UNDERSIDE OF COLUMN AND WALL FOOTINGS, WHERE REQUIRED, BUT NOT LIMITED TO SUIT STORM / SANITARY, WATER / FIRE LINES AND ELECTRICAL DUCT BANKS. THE MAXIMUM SLOPE FROM THE PIPE EXCAVATION TO THE UNDERSIDE OF ADJACENT FOOTING ELEVATIONS SHALL NOT EXCEED 7 VERTICAL TO 10 HORIZONTAL.

WHERE MECHANICAL SERVICE PIPES PASS THROUGH LOAD BEARING FOUNDATION WALLS, PROVIDE STEEL SLEEVES (MIN. 500) LARGER THAN PIPE (TYPICAL)



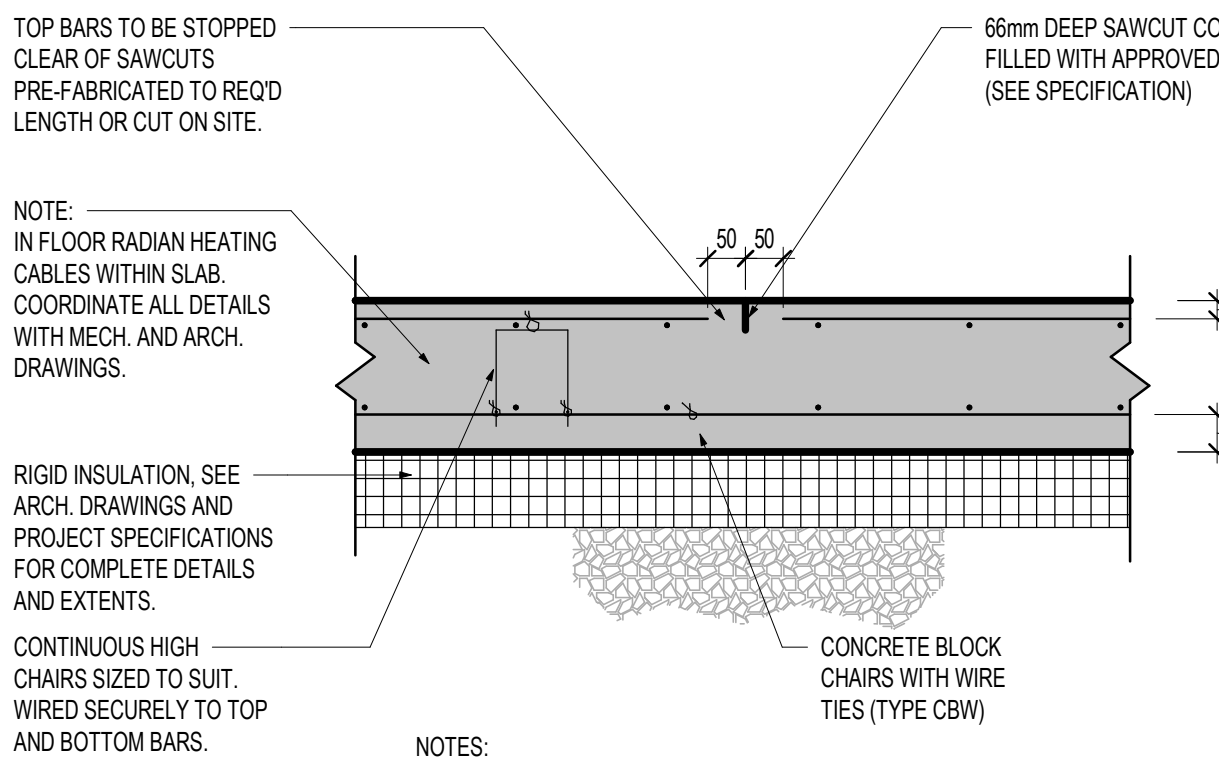
PD1 PLAN DETAIL
S1-01 1:10



PD2 PLAN DETAIL
S1-01 1:10

FOUNDATION PLAN
1:100

- TOP OF SLAB - ON - GRADE TO BE 0.0 BELOW FINISHED FLOOR DATUM ELEVATION 118.15m EXCEPT AS NOTED. TOS = TOP OF SLAB.
- FOOTINGS SHALL BEAR ON NATIVE UNDISTURBED, VERY STIFF TO HARD SILTY CLAY SOIL CAPABLE OF SUSTAINING A MINIMUM OF 175 kPa (SL) AND 250 kPa (UL).
- REFER TO THE SOIL REPORT 12581540 (3) DATED 20 MARCH 2024 PREPARED BY GHD.
- SOIL AT THE UNDERSIDE OF THE FOOTINGS IS TO BE INSPECTED AND APPROVED BY A REPRESENTATIVE OF A SOILS CONSULTANT BEFORE PLACING CONCRETE.
- REFER ALSO TO SITE PREPARATION NOTES ON THIS DRAWING.
- COORDINATE ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS AND REPORT ANY DISCREPANCIES TO ENGINEER PRIOR TO PROCEEDING WITH ANY WORK.
- UNDERSIDE OF WALL FOOTINGS TO BE AT ELEVATIONS AS NOTED ON PLAN.
- SDF = STEP DOWN FOOTING.
- UNLESS OTHERWISE SHOWN, ALL WALL FOOTINGS TO BE 300mm DEEP WITH 150mm PROJECTIONS EACH SIDE.
- FILL REQUIRED ON BOTH SIDES OF FOUNDATION WALLS SHALL BE PLACED AND COMPACTED SIMULTANEOUSLY ON EACH SIDE TO EQUALIZE SOIL PRESSURE.
- PROVIDE SLAB DEPRESSIONS AND SLOPES, OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS, AS REQUIRED BY THE ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS.
- THE PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE INCLUDING STRIP FOOTINGS.
- GENERAL SLAB - ON - GRADE IS 100mm THICK REINFORCED WITH SYNTHETIC FIBRES (REFER TO CONCRETE SPECIFICATION), EXCEPT AS NOTED.
- CONCRETE STRENGTHS - SEE CONCRETE SCHEDULE.
- SEE TYPICAL NOTES, TYPICAL DETAILS, AND ALL OTHER DRAWINGS.
- IF THE FOOTING CONCRETE OR THE SUBEXCAVATION BACKFILL IS NOT PLACED WITHIN FOUR HOURS, A CONCRETE WORKING SLAB HAVING A MINIMUM THICKNESS OF 100mm AND A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 20 MPa SHALL BE PLACED IN THE EXCAVATION WITHIN FOUR HOURS OF EXPOSURE OF THE FOUNDATION LEVEL TO PROTECT THE INTEGRITY OF THE SUBGRADE.



- NOTES:
- MAXIMUM SPACING OF BOTTOM AND TOP CHAIRS 1200 c/c.
 - FOR JOINTS IN OTHER SLABS-ON-GRADE, SEE TYPICAL DETAILS.

SL1 - APPARATUS BAY CONTROL JOINT
1:10

DESIGN CRITERIA NOTES

- GENERAL
 - THE PROJECT HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2012 OBC.
 - RES. 32012 AS AMENDED INCLUDING CLAUSES 4.1.1(1), 4.1.4(3), 4.1.7 AND 4.1.8.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR WHO IS SUPPLYING AND INSTALLING EQUIPMENT, THAT ALL ELEMENTS OF STRUCTURES LISTED IN TABLE 4.1.8.18 OF THE OBC 2012 ARE DESIGNED IN ACCORDANCE WITH CLAUSE 4.1.8.18.
 - BUILDING IMPORTANCE CATEGORY (SNOW, WIND, AND EARTHQUAKE) IS POST DISASTER.
 - STIFF ELEMENTS NOT PART OF SPRS SHALL BE SEPARATED FROM THE STRUCTURE AS PER OBC CLAUSE 4.1.8.3 (b).
 - EXAMPLES INCLUDE, BUT NOT LIMITED TO MASONRY PARTITIONS, BRICK VENEER, PRECAST CLADDING ETC. IT IS THE RESPONSIBILITY OF THE SUBCONTRACTOR TO PROVIDE SHOP DRAWINGS, STAMPED, SIGNED AND DATED BY A PROFESSIONAL ENGINEER DEMONSTRATING COMPLIANCE. PROVIDE MINIMUM 25mm SEPARATION UNLESS NOTED OTHERWISE.
 - MISCELLANEOUS METAL, PRECAST AND STAR FABRICATORS SHALL:
 - PROVIDE SHOP DRAWINGS TO THE ARCHITECT PRIOR TO FABRICATION, STAMPED, SIGNED AND DATED BY A PROFESSIONAL ENGINEER.
 - DESIGN ALL GUARDS TO MEET LATERAL LOADS DESCRIBED IN OBC 4.1.5.14.
 - DESIGN ALL HANDRAILS TO MEET LOADS DESCRIBED IN OBC 4.1.6.8(10).
 - DESIGN ALL STAIRS TO SUPPORT A MINIMUM LIVE LOAD OF 4.8 kPa.
 - ARCHITECTURAL PRECAST FABRICATOR SHALL:
 - PROVIDE SHOP DRAWINGS TO THE ARCHITECT PRIOR TO FABRICATION, STAMPED, SIGNED AND DATED BY A PROFESSIONAL ENGINEER.
 - WHERE PRECAST IS USED AS A GUARD DESIGN THE PRECAST AND CONNECTIONS TO MEET LATERAL LOADS DESCRIBED IN OBC 4.1.5.14.
- LATERAL LOADS ON STRUCTURE
 - WIND
 - $q(150) = 0.44 \text{ kPa}$
 - $C_e = (h/10)/115$ NOT LESS THAN 0.9.
 - $C_q = 2.1$
 - $C_p = \text{AS PER FIGURE 4.1.7.6.A OF NBC 2015}$
 - SNOW
 - $S_e = 1.1 \text{ kPa}$
 - $S_r = 0.4 \text{ kPa}$
 - EARTHQUAKE
 - $S_w(0.2) = 0.219$ $PGA = 0.141$ $F_g = 1.00$
 - $S_w(0.5) = 0.115$ $SITE CLASS = C$ $F_g = 1.00$
 - $S_w(1.0) = 0.058$ $R_d = 2.0$ $I_g = 1.5$
 - $S_w(2.0) = 0.028$ $R_d = 1.3$ $WFSw(0.2) = 0.33$
- FOUNDATION WALLS
 - WALLS RETAINING EARTH ARE DESIGNED TO SAFELY WITHSTAND HORIZONTAL EARTH PRESSURE.
($P = K(WH + q)$)
 $K = 0.31$
 $W = 200 \text{ mm}^3$
 $q = 120 \text{ Pa}$
 $h = \text{DEPTH IN METRES}$
 - THE WALLS HAVE BEEN DESIGNED ASSUMING FREE DRAINING BACKFILL OR THE USE OF A DRAINAGE CORE TO PREVENT THE BUILD-UP OF HYDROSTATIC PRESSURE.

CONCRETE MIX SCHEDULE

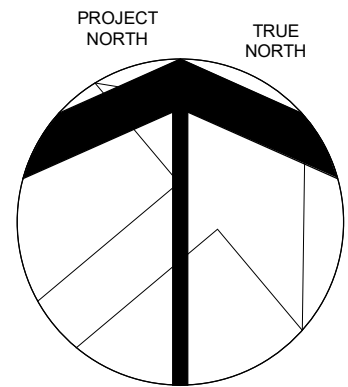
EXPOSURE	ELEMENT	MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS (MPa)	EXPOSURE CLASSIFICATION	NOTES
GENERAL NON-EXPOSED CONCRETE (i.e. NOT EXPOSED TO CHLORIDES NOR FREEZE AND THAW)	FOOTINGS	25	N	
	SLAB ON GRADE 2	25	N	
	LEAN MIX	5	N	
	FLOATING SLABS	25	N	
	HOUSEKEEPING PADS	25	N	
	UNSHRINKABLE FILL	0.4 MAX.	N	
	TOPPINGS	25	N	
EXTERIOR EXPOSED CONCRETE (i.e. EXPOSED TO FREEZE AND THAW BUT NOT CHLORIDES)	FOUNDATION/RETAINING WALLS	25	F-2	
	PIERS	25	F-2	
	SLAB ON GRADE 2, SIDEWALKS	32	C-2	
	FROST SLAB	35	C-1	
	SLAB ON GRADE, APPARATUS BAYS	32	N	
	APRON SLAB	35	C-1	
PARKING AREAS (EXPOSED TO CHLORIDES)	FOOTINGS		[C-1F-3N]	
	GRADE BEAMS, PIERS		[C-1F-2]	
	FOUNDATION/RETAINING WALLS		[C-1F-2]	
	COLUMNS		C-1	
	SHEAR WALLS		C-1	
	OTHER WALLS (NOT IDENTIFIED AS SHEAR WALLS)		C-1	
	SUSPENDED SLABS, DAMPS AND BEAMS	35	C-1	
	SLAB ON GRADE, HEATED AREAS	25	C-4	
	SLAB ON GRADE, UNHEATED AREAS	32	C-2	
	FROST SLABS	35	C-1	
GROUT	LOADING DOCKS	35	C-1	
	MASONRY FILL/BOND BEAMS	15 (FINE GROUT)		CONFORM TO REQUIREMENTS OF CSA A173

1) STRENGTH SPECIFIED AT 28 DAYS UNLESS NOTED OTHERWISE. FOR COLUMNS AND WALLS ONLY. FOR 80MPa AND 60MPa CONCRETE ARE PERMITTED TO BE 30 DAY MAX. 70MPa AND ABOVE CONCRETE ARE PERMITTED TO BE AT 90 DAYS MAX.

2) REINFORCED WITH SYNTHETIC FIBERS ADDED AT BATCHING PLANT - SEE SPECIFICATIONS

SITE PREPARATION NOTES FOR SLAB-ON-GRADE (WITHIN BUILDING ENVELOPE)

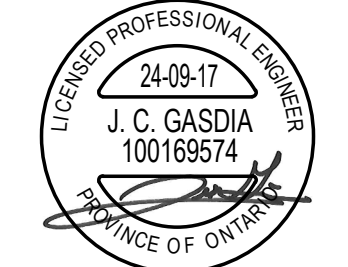
- THE AREA WITHIN THE BUILDING SHALL BE STRIPPED OF THE UPPER LAYER SOIL, FILL, ORGANICALLY CONTAMINATED MATERIAL AND RUBBLE AND TO A MINIMUM OF 1000mm (40") BELOW THE UNDERSIDE OF THE EXISTING GRADE.
- THE EXPOSED SUB-GRADE SHALL BE EXAMINED AND APPROVED BY THE SOIL CONSULTANT.
- THE ENTIRE AREA SHALL BE PROOF ROLLED WITH A HEAVY COMPACTOR TO A MINIMUM OF 80% STANDARD PROCTOR MAX. DRY DENSITY AND TO THE APPROVAL OF THE SOIL CONSULTANT.
- ANY LOOSE OR SOFT SPOTS ENCOUNTERED SHALL BE SUB-EXCAVATED AND BACKFILLED WITH COMPACTED APPROVED MATERIAL.
- FILL REQUIRED TO RAISE THE GRADES SHALL BE COMPOSED OF APPROVED GRANULAR TYPE 1 CONFORMING TO OPCS 1100, PLACED IN SUCCESSIVE LOOSE 200mm (8") LAYERS EACH COMPACTED TO AT LEAST 80% OF ITS STANDARD PROCTOR MAXIMUM DRY DENSITY.
- THE LAYER IMMEDIATELY BELOW THE SLAB-ON-GRADE SHALL BE 200mm (8") OF GRANULAR TYPE 1 COMPACTED TO MIN. 100% STANDARD PROCTOR MAX. DRY DENSITY.
- ALL PROCEDURES, EQUIPMENT AND MATERIALS SHALL BE APPROVED BY THE SOIL CONSULTANT WHO SHALL CONDUCT SUFFICIENT TESTS TO ENSURE THAT THE SPECIFIED MATERIALS AND DENSITIES ARE ACHIEVED.
- THE CONTRACTOR SHALL COORDINATE WITH THE SOIL CONSULTANT AND ARRANGE A SUITABLE PROGRAM FOR SAMPLING AND INSPECTIONS, ETC. AND NOTIFY THE ARCHITECT ACCORDINGLY.
- EXISTING ON-SITE MATERIAL SHALL NOT BE USED WITHIN THE BUILDING AREA FOR BACKFILLING IN TRENCHES AGAINST FOUNDATION WALLS OR UNDER SLABS-ON-GRADE.
- REFER TO THE SPECIFICATION AND THE SOIL REPORT FOR PREPARATION OF AREAS OUTSIDE THE BUILDING ENVELOPE.



NO.	DESCRIPTION	DATE
6	STRUCTURAL ADDENDUM #1	SEP 19, 24
5	ISSUED FOR TENDER	JUNE 26, 24
4	COORDINATION	JUNE 19, 24
3	ISSUED FOR PERMIT	MAR 22, 24
2	ISSUED FOR 50% CD	FEB 24, 20

NO. DESCRIPTION DATE

THE CONTRACTOR SHALL CHECK ALL DIMENSIONS WITH THE LATEST ISSUE OF ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH WORK.



FIRE STATION 124-
MISSISSAUGA FIRE &
EMERGENCY SERVICES
PRC004616 - Construction
Services for New Fire
Station 124

LEGAL DESCRIPTION:
PART OF LOT 11, CONCESSION 1, SOUTH OF
DUNDAS STREET, CITY OF MISSISSAUGA,
REGIONAL MUNICIPALITY OF PEELE

MISSISSAUGA

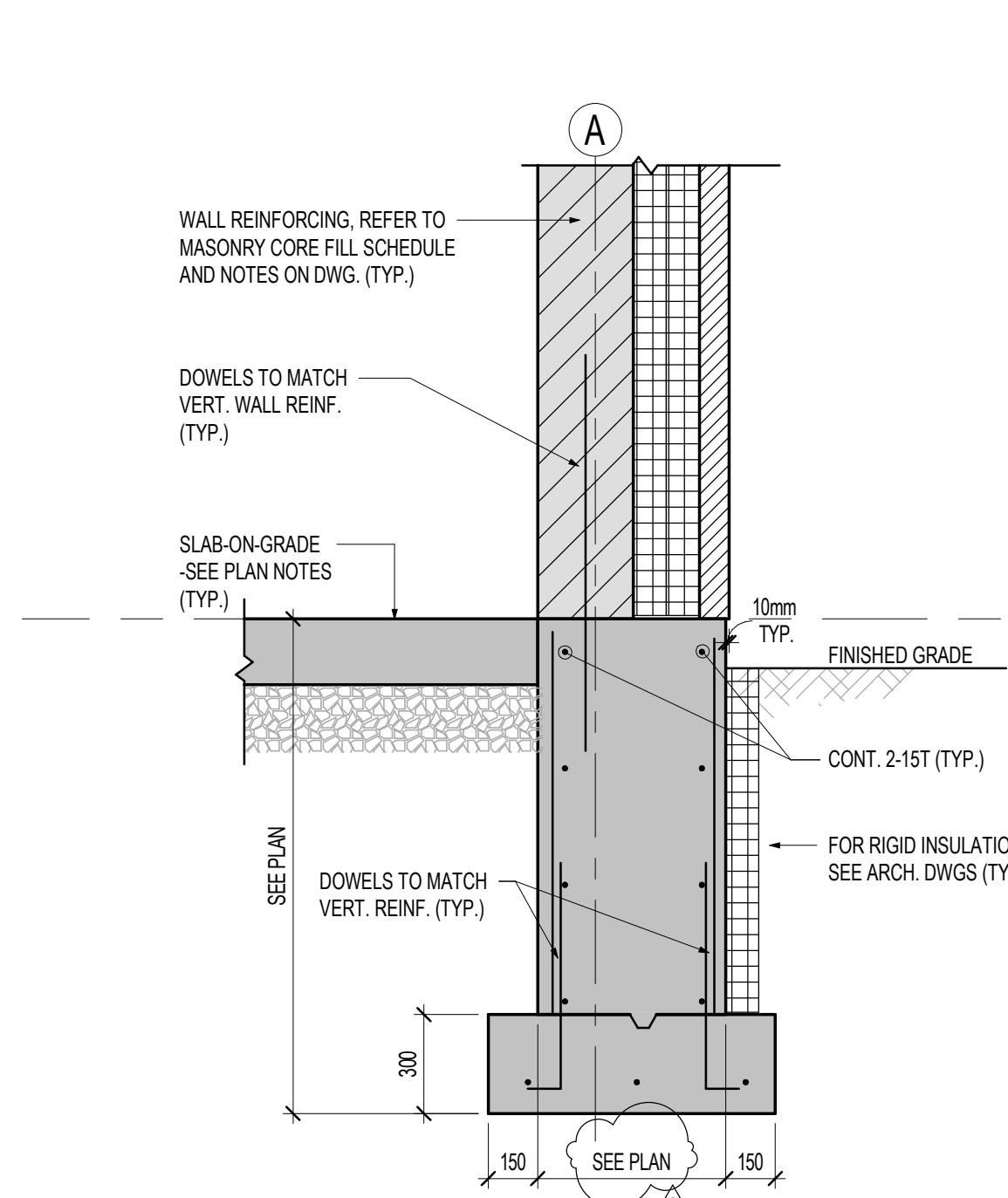
FOUNDATION PLAN

Salas
O'Brien

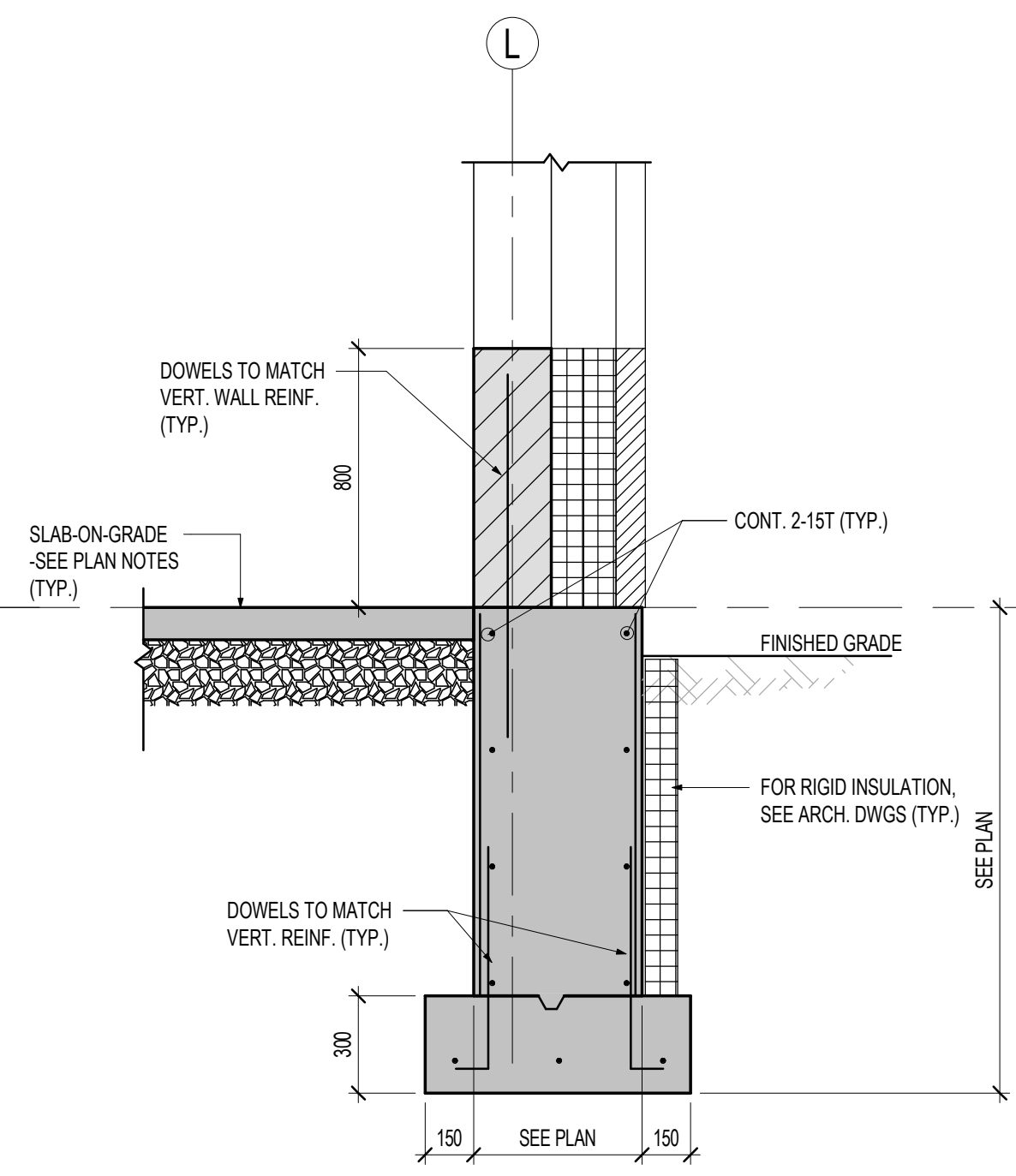
2235 Sheppard Ave. E.
Suite No. 1100
Toronto, ON M2J 5B5
Stephenson Engineering, a company of Salas O'Brien

SCALE	PROJECT
As indicated	20230463
DATE	Issue Date
DRAWN	OH
CHECKED	JG
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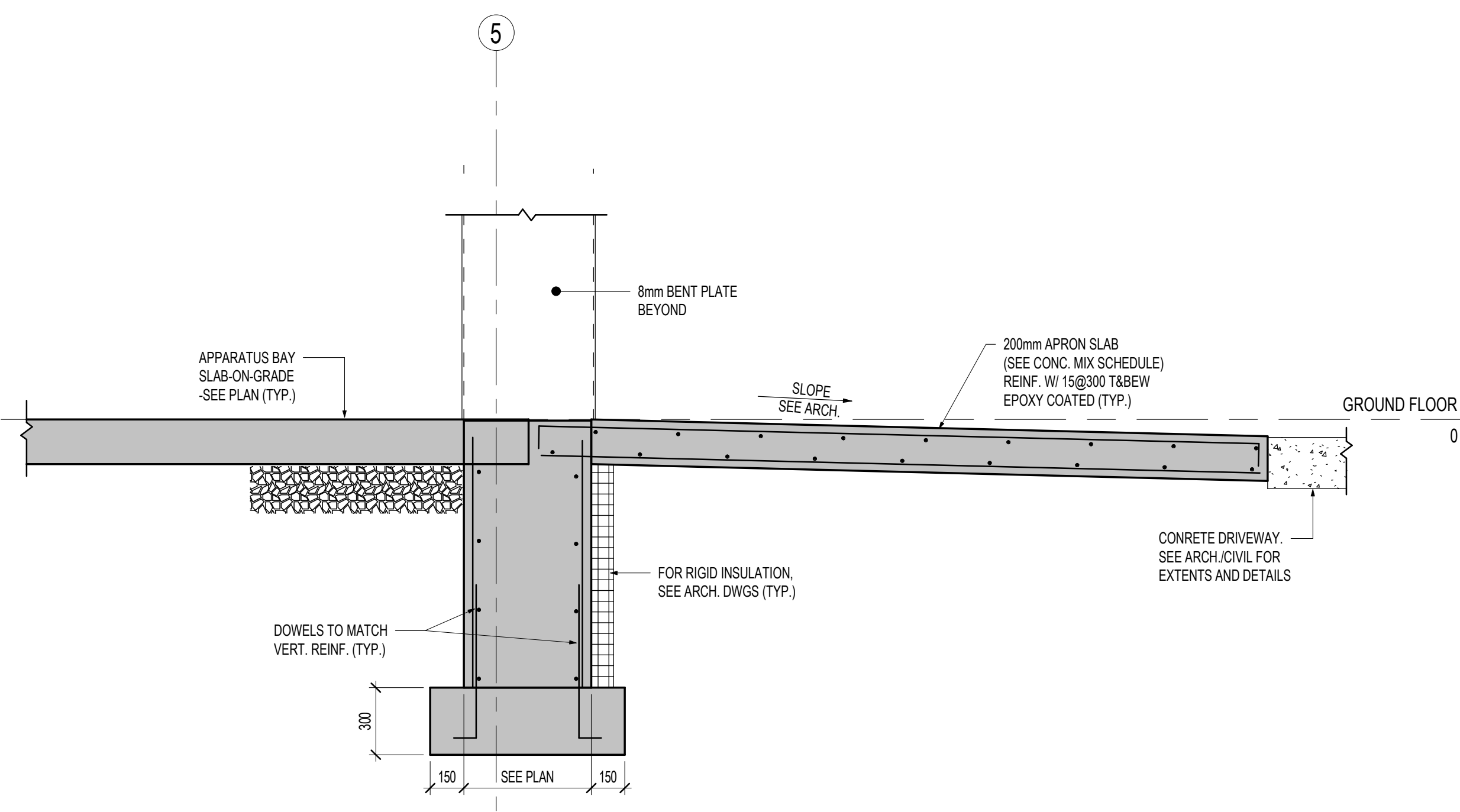
TABLE 1: FOUNDATION WALL REINFORCING (UNO)		
WALL THICKNESS (mm)	NOMINAL WALL REINFORCING	
	HORIZONTAL	VERTICAL
≤ 150/200	10@300H (CENTERED)	10@400V (CENTERED)
≤ 250	10@400 HEF	10@400 VEF
≤ 300	10@300 HEF	10@400 VEF
≤ 350	10@300 HEF	10@300 VEF
≤ 400	10@340 HEF	10@320 VEF
≤ 450	15@400 HEF	10@320 VEF
≤ 500	15@400 HEF	15@400 VEF
≤ 600	15@320 HEF	15@400 VEF



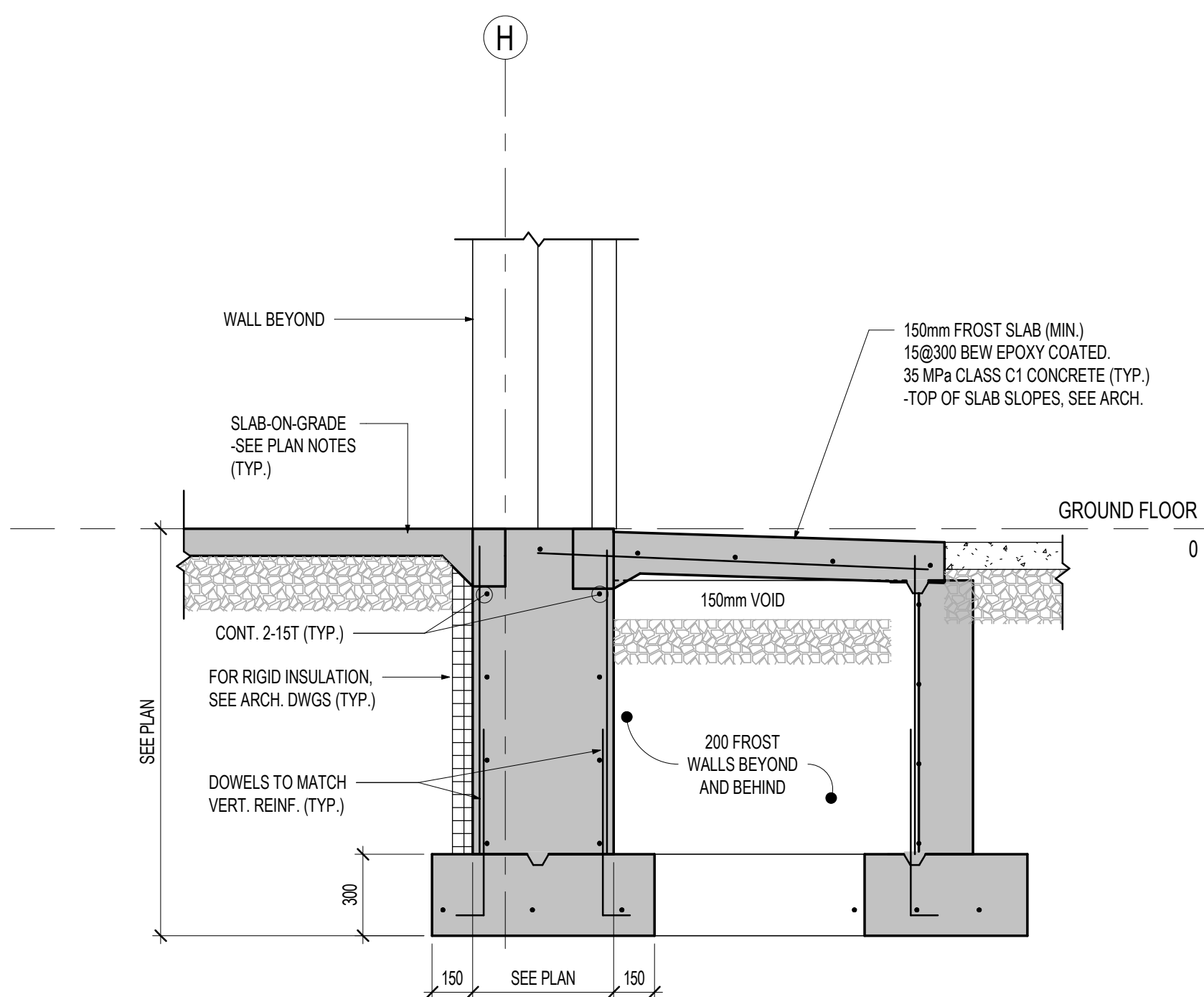
1F SECTION
S2-01 1:20



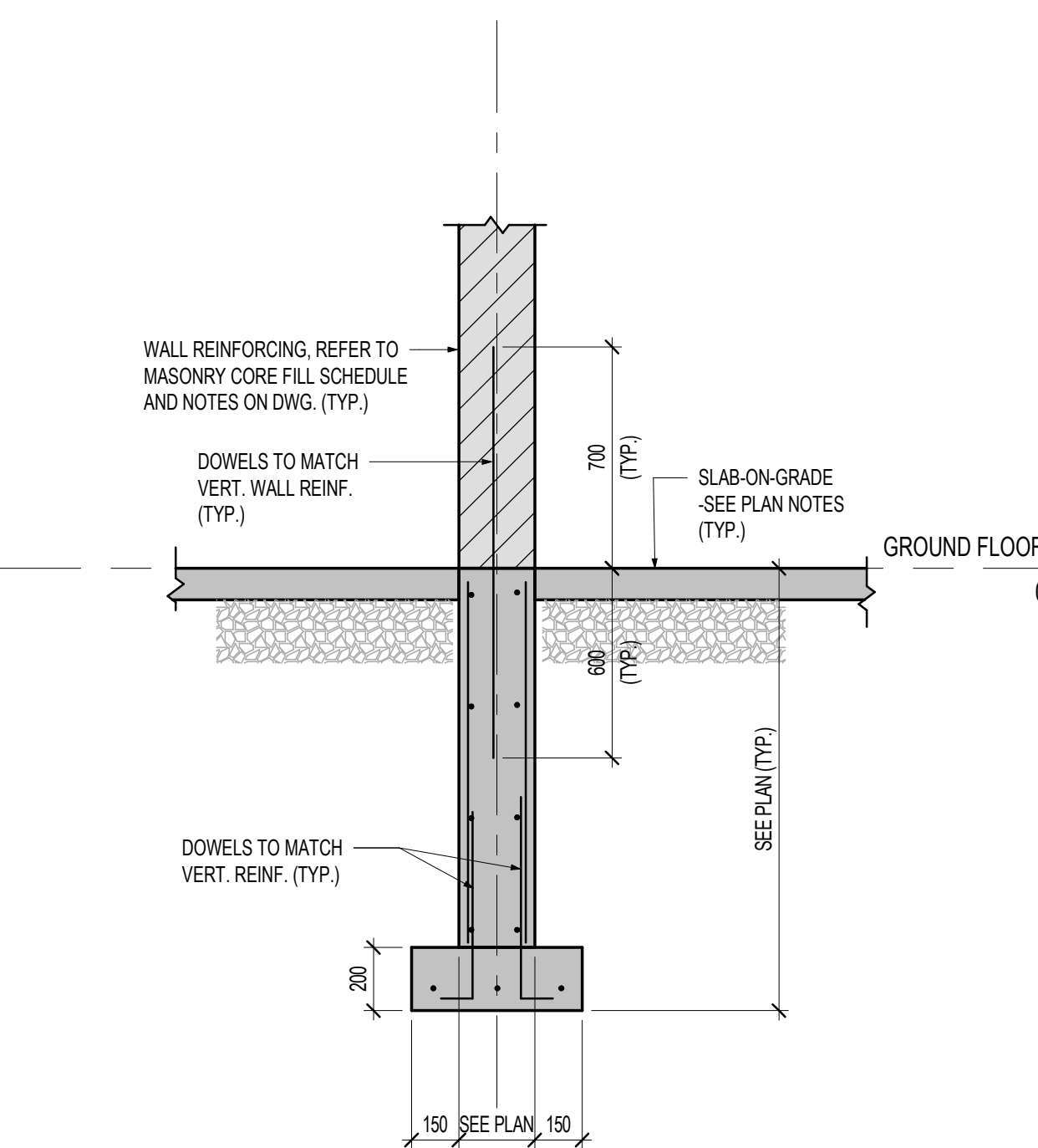
2F SECTION
S2-01 1:20



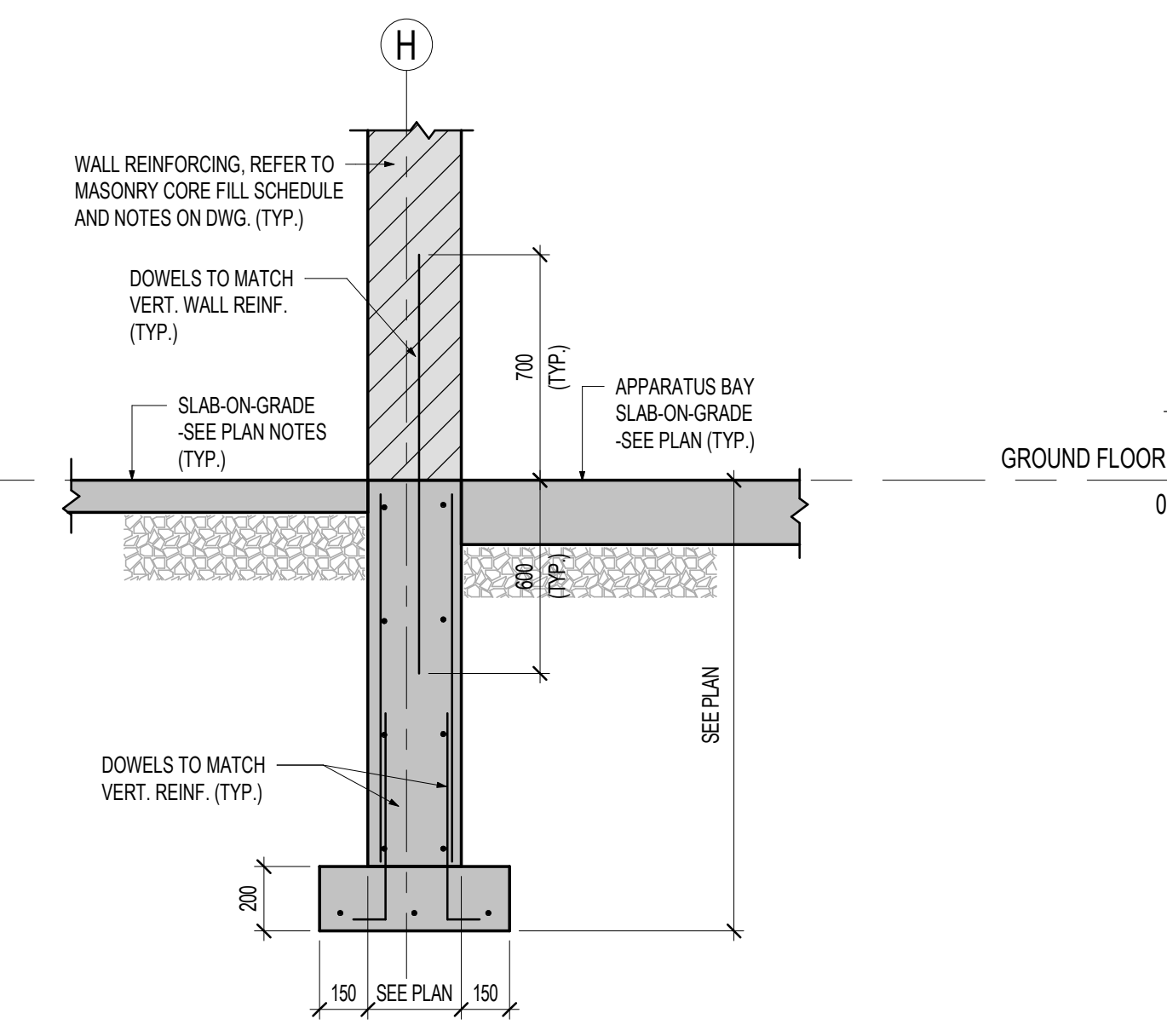
3F SECTION
S2-01 1:20



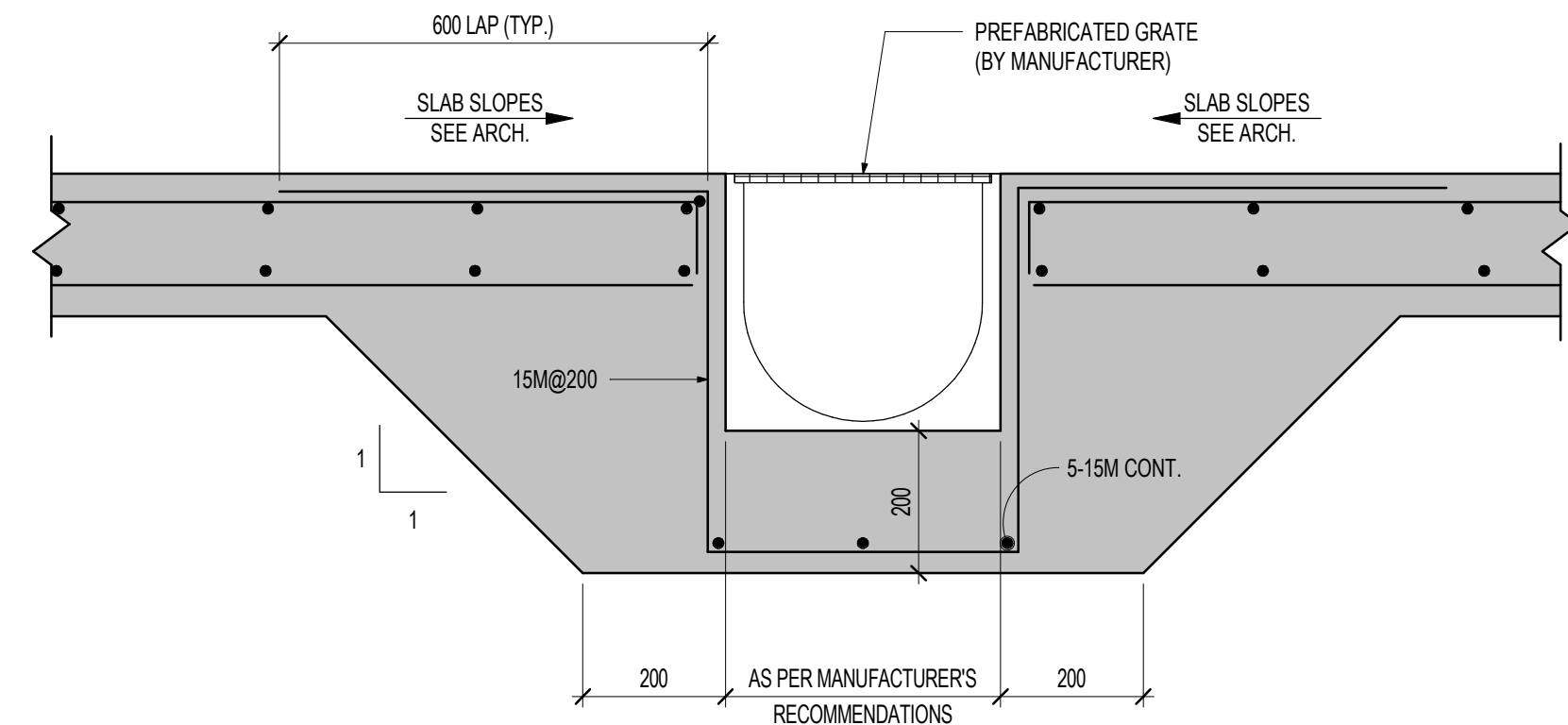
4F SECTION
S2-01 1:20



5F SECTION
S2-01 1:20

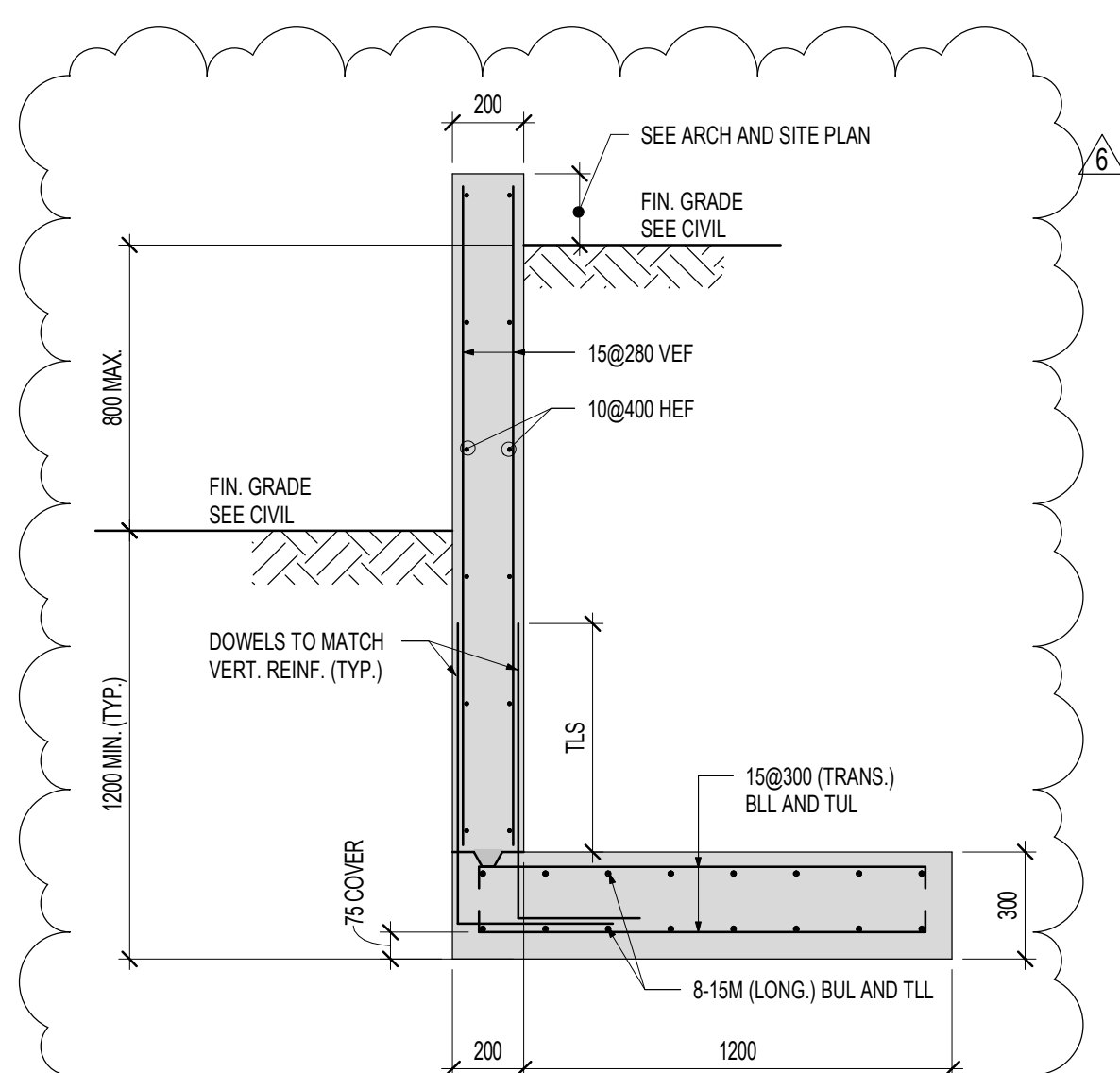


6F SECTION
S2-01 1:20



TYPICAL APPARATUS BAY AND MECHANICAL ROOM TRENCH DETAIL

7F SECTION
S2-01 1:10

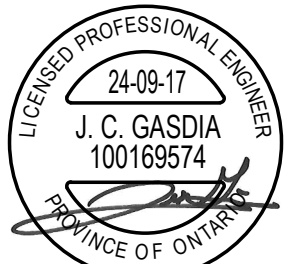


RETAINING WAL SECTION
SEE CIVIL AND/OR ARCH. DRAWING FOR EXTENTS AND DIMENSIONS

1 DETAIL
S2-01 1:20

NO.	DESCRIPTION	DATE
1	STRUCTURAL ADDENDUM #1	SEP 19, 24
2	ISSUED FOR TENDER	JUNE 26, 24
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4	ISSUED FOR PERMIT	MAR 22, 24
5	ISSUED FOR 50% CD	FEB 24, 20

THE CONTRACTOR SHALL CHECK ALL DIMENSIONS WITH THE LATEST ISSUE OF ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH WORK.



**FIRE STATION 124-
MISSISSAUGA FIRE &
EMERGENCY SERVICES**
PRC004616 - Construction
Services for New Fire
Station 124

LEGAL DESCRIPTION:
PART OF LOT 11, CONCESSION 1, SOUTH OF
DUNDAS STREET, CITY OF MISSISSAUGA,
REGIONAL MUNICIPALITY OF PEEI



**FOUNDATION
SECTIONS**

**Salas
O'Brien**
2235 Sheppard Ave. E.
Suite No. 1100
Toronto, ON M2J 5B5
Stephenson Engineering, a company of Salas O'Brien

SCALE	PROJECT
As indicated	20230463
DATE	DRAWING
Issue Date	Author
DRAWN	CHECKED
Checker	S2-01
PRINT DATE	2024-09-17 3:33:48 PM
REVIT FILE	T:\2023\2311602\Revit\RV7