



# STRUCTURAL ADDENDUM NO. 1

June 27, 2024

**Project Number:** 23394

**Project Name:** City of Mississauga Fire Station 123

The following are changes to the tender documents and are effective immediately. This addendum forms part of the contract documents issued previously.

## 1 PART 1 - DRAWINGS

### 1.1 DRAWING S-102—TYPICAL DETAILS

1.1.1 Add typical detail CD-008 for stepping of strip footing.

### 1.2 DRAWING S-107—PROJECT DETAILS

1.2.1 Remove steel lintel for 290 wall thickness from the load bearing masonry wall schedule, PD-001.

### 1.3 DRAWING S-201—FOUNDATION & LEVEL 1 PLAN

1.3.1 Add step down footing location and top of footing elevation. Refer to S-201. Revisions are clouded.

1.3.2 Added note for Storm and Sanitary invert elevations. Refer to S-201. Revisions are clouded.

1.3.3 Add note to note 2.3. on 2/S-201. Revisions are clouded.

“2.3. “TOF” DENOTES TOP OF FOOTING ELEVATIONS. UNLESS NOTED SET TOF AT ELEVATION -1200. REFERTO GENERAL NOTES AND GEOTECHNICAL REPORT. ALL FOOTINGS SHALL BEAR ON NATIVE SOIL OR ENGINEERED FILL AS REQUIRED.”

1.3.4 Add note to note 4.1.B. on 2/S-201. Revisions are clouded.

“4.1.B SOG 2: 200 THICK 15@300 (ECR) T&B EW”.



#### **1.4 DRAWING S-400—ELEVATIONS**

- 1.4.1 Show louver openings through north and south apparatus bay walls. Add horizontal and vertical reinforcement to trim the openings. Refer to 2/S-400 and 4/S-400. Revisions are clouded.

#### **1.5 DRAWING S-500—FOUNDATION SECTIONS**

- 1.5.1 Add note to epoxy coat reinforcing bars within the concrete transition apron slab. Refer to 14/S-500. Revisions are clouded.

#### **1.6 DRAWING S-510—ROOF SECTIONS**

- 1.6.1 Add masonry lintel block on section to match elevation. Refer to 6/S-510. Revisions are clouded.

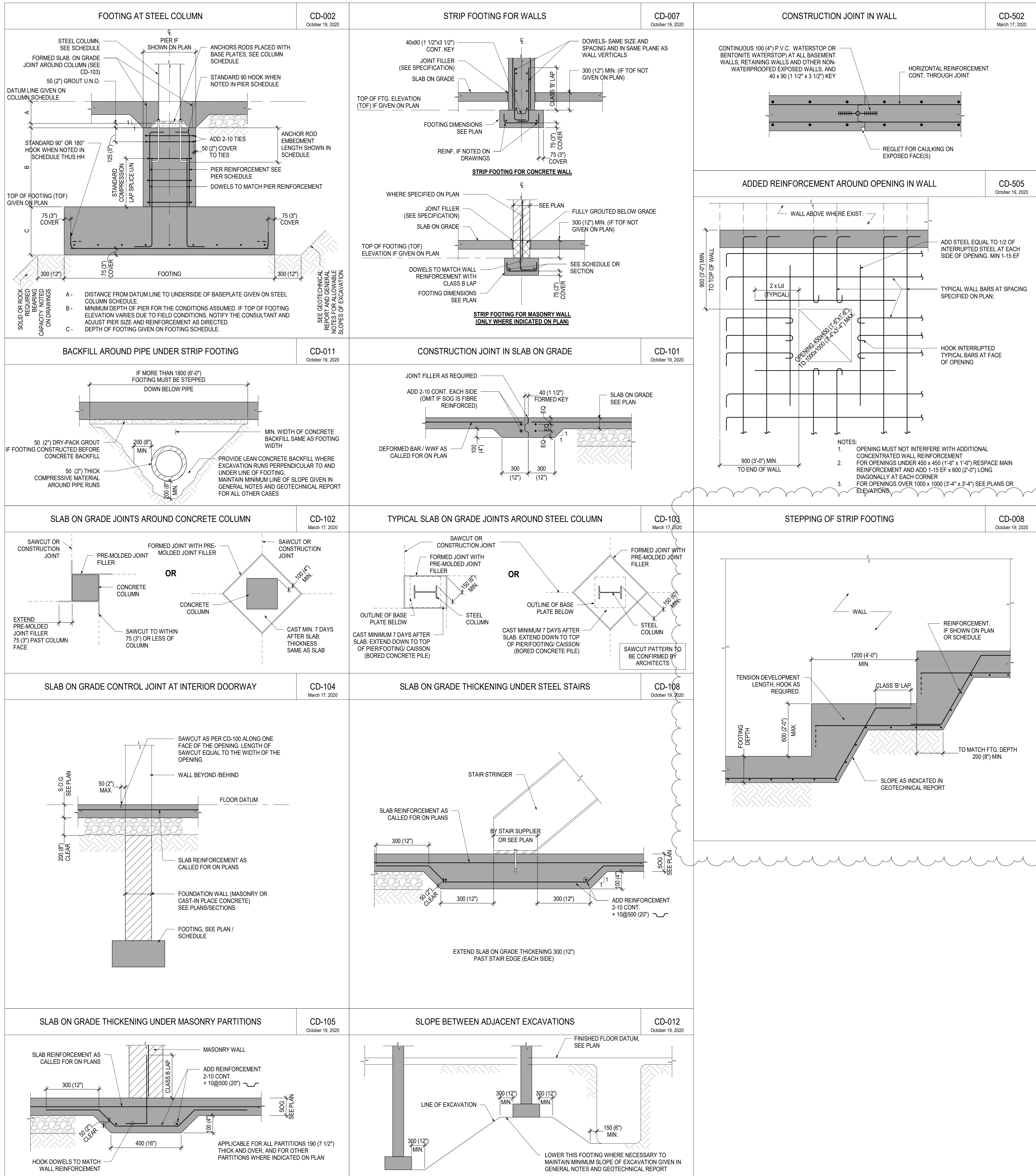
#### **1.7 DRAWING S-511— ROOF SECTIONS**

- 1.7.1 Add masonry lintel block on section to match elevation. Refer to 1/S-511. Revisions are clouded.

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**END OF STRUCTURAL ADDENDUM NO. 1**

**ATTACHMENTS: DRAWINGS S-102, S-107, S-201, S-400, S-500, S-510, S-511**



4	ISSUED FOR ADDENDUM 1	2024-06-27
3	ISSUED FOR TENDER	2024-04-29
2	ISSUED FOR BUILDING PERMIT	2024-01-22
1	ISSUED FOR CLASS A ESTIMATE	2024-01-22

NO.	ISSUES/REVISIONS	DATE
DRAWING TITLE:		

TYPICAL DETAILS

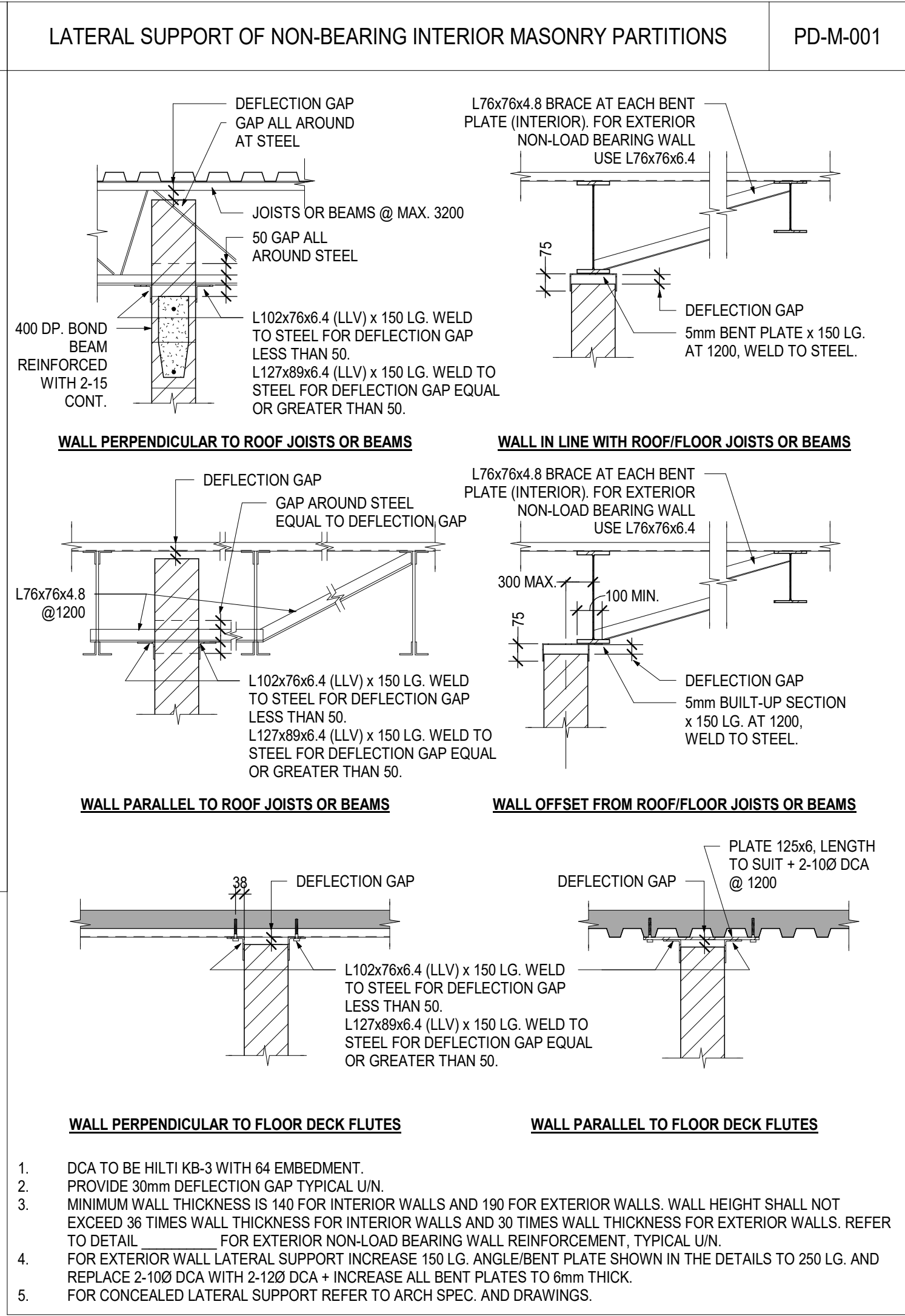
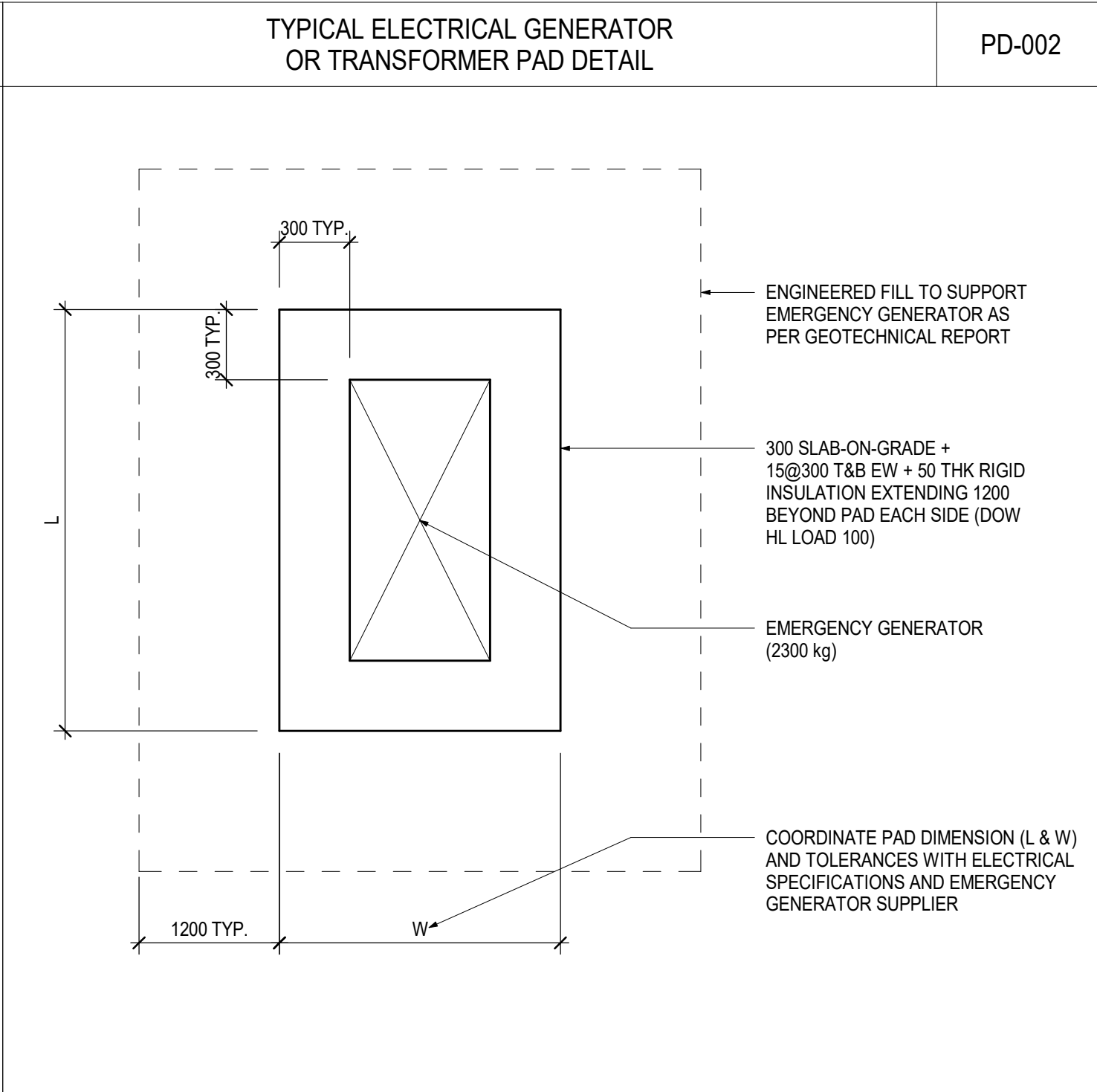
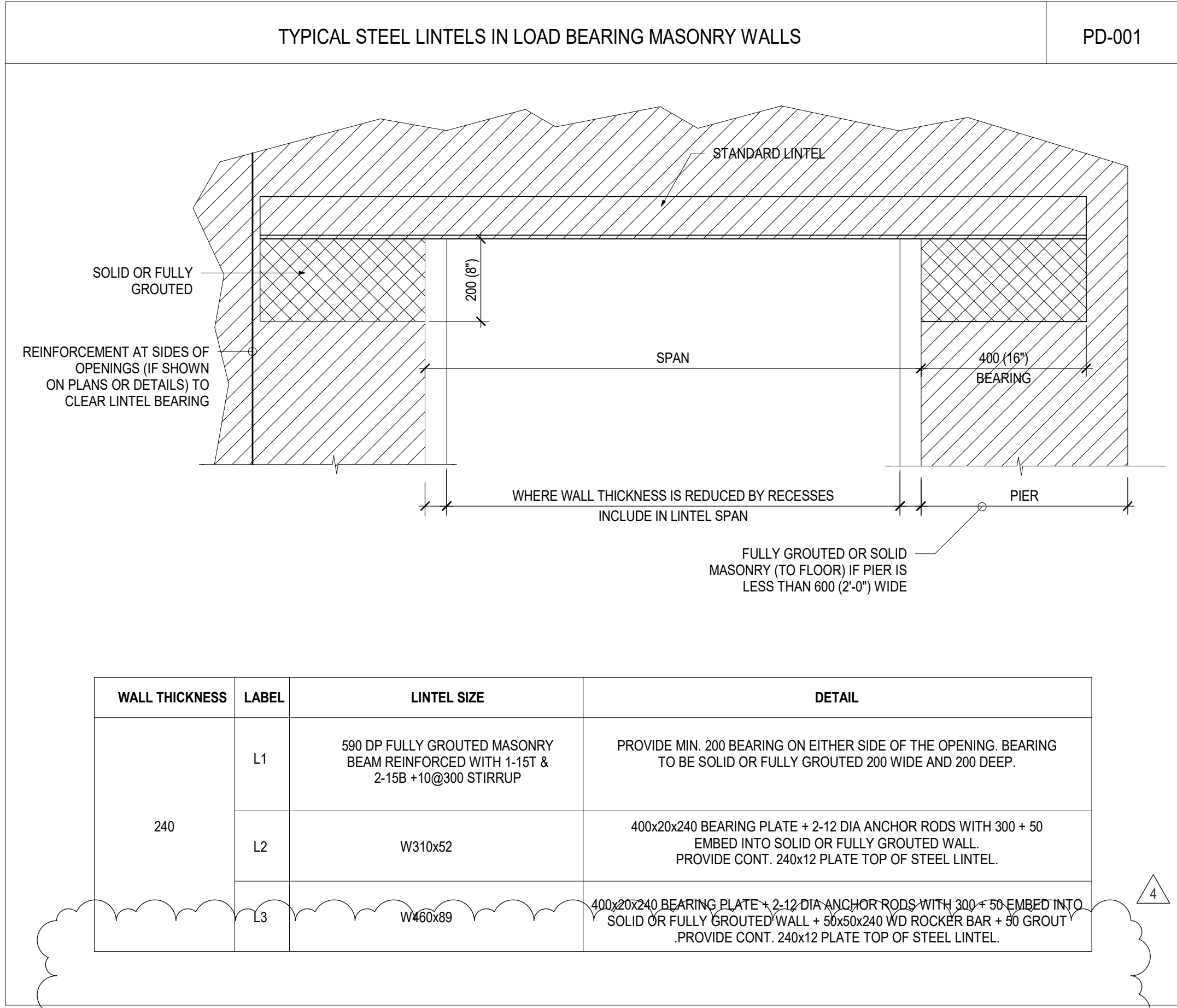
ISSUE DATE: 2024-06-27

DRAWN BY: H.R. CHECKED BY: S.H.

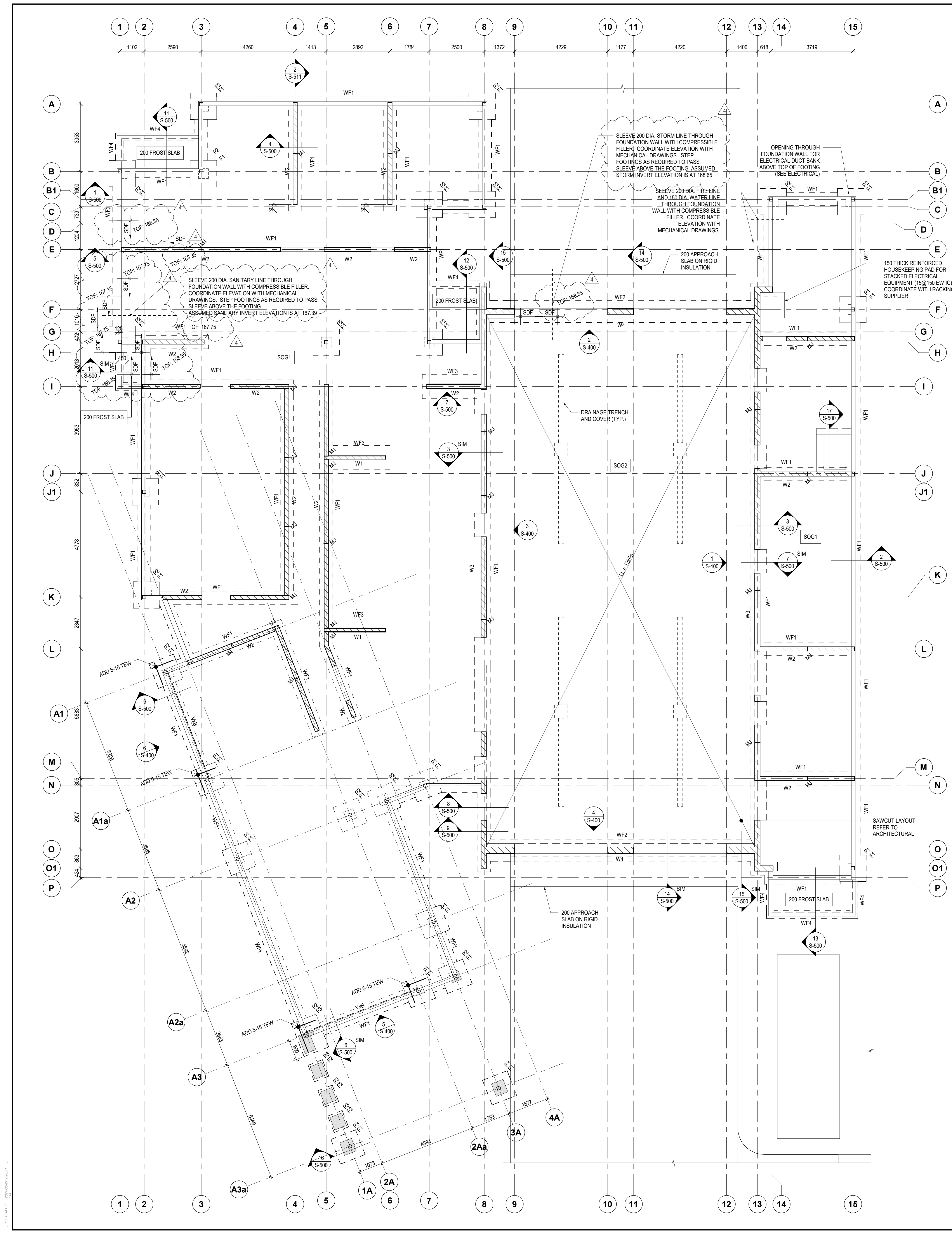
PROJECT NO.: 23394 SCALE: 1:20

DRAWING NO.: REVISION:

S-102 4







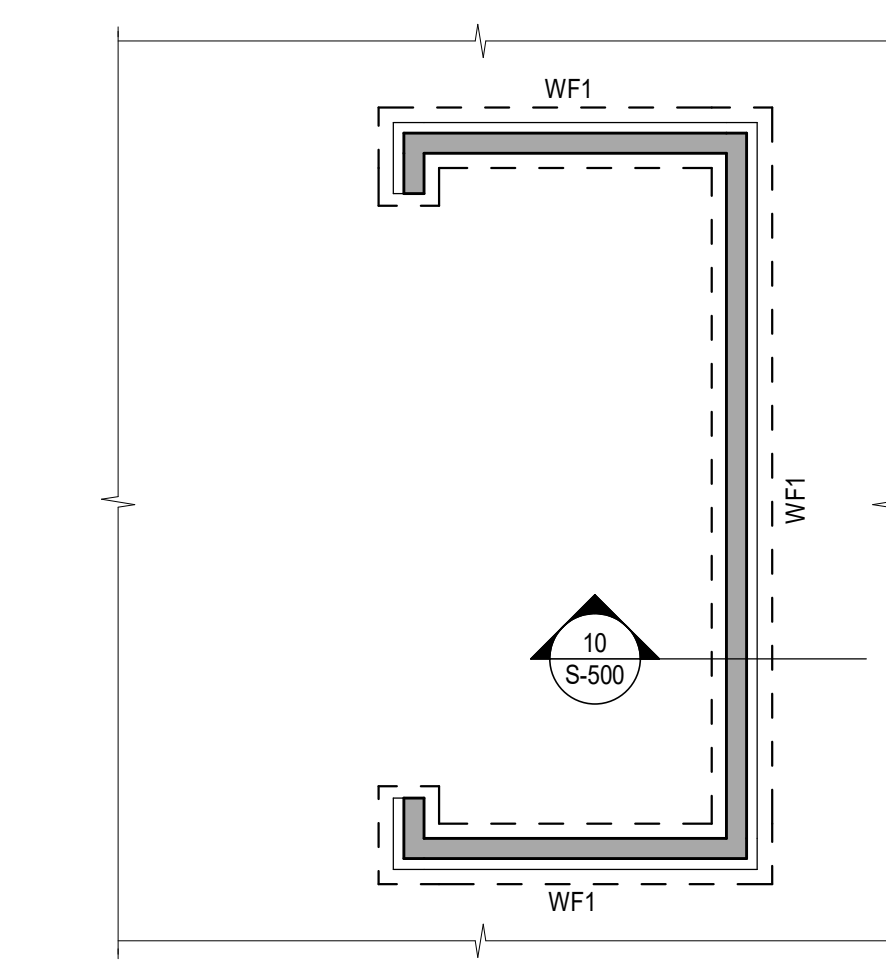
2 FOUNDATION & LEVEL 1 PLAN  
S-201 1:75

- NOTES**
- SEE GENERAL REQUIREMENTS AND TYPICAL DETAILS ON DRAWINGS S100 SERIES AND READ IN CONJUNCTION WITH ALL FOOTING SCHEDULES.
  - ELEVATIONS AND GEOMETRY
    - FLOOR DATUM ELEVATION IS 0 (GEODETIC EL. 170.15 m)
    - TOP OF SLAB IS +3 FROM DATUM ELEVATION EXCEPT AS CROSSED AND NOTED +X.X ON PLAN.
    - "TOP" DENOTES TOP OF FOOTING ELEVATION UNLESS NOTED SET TOP AT ELEVATION +200. REFER TO GENERAL NOTES AND GEOTECHNICAL REPORT. ALL FOOTINGS SHALL BEAR ON NATIVE SOIL OR ENGINEERED FILL AS REQUIRED.
  - DESIGN LOADING, UNLESS OTHERWISE NOTED
    - DESIGN LIVE LOAD IS 4.8 kPa.
    - SUPERIMPOSED DEAD LOAD IS 1.5 kPa. THIS INCLUDES PARTITION ALLOWANCE OF 1 kPa.
  - FRAMING
    - SLAB ON GRADE
      - SOG 1: 125 THICK WITH 182x152 MM 15.7 M W.F. PLACED 50 BELOW TOP OF SLAB
      - SOG 2: 200 THICK 15@300 (EOR) T&B EW
      - SOG 3: 200 THICK WITH 182x152 MM 15.7 M W.F. PLACED 50 BELOW TOP OF SLAB
    - COORDINATE WITH NEW AND EXISTING SERVICES AND FOUNDATION PRIOR TO EXCAVATION FOR FOOTING. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND SITE SERVICES DRAWINGS. SLEEVE ALL UNDERGROUND SERVICES PASSING THROUGH FOUNDATION WALLS WITH COMPRESSIBLE FILLER. NOTIFY CONSULTANT IF ANY SLEEVE IS REQUIRED TO BE LOWER THAN THE TOP OF FOOTING.

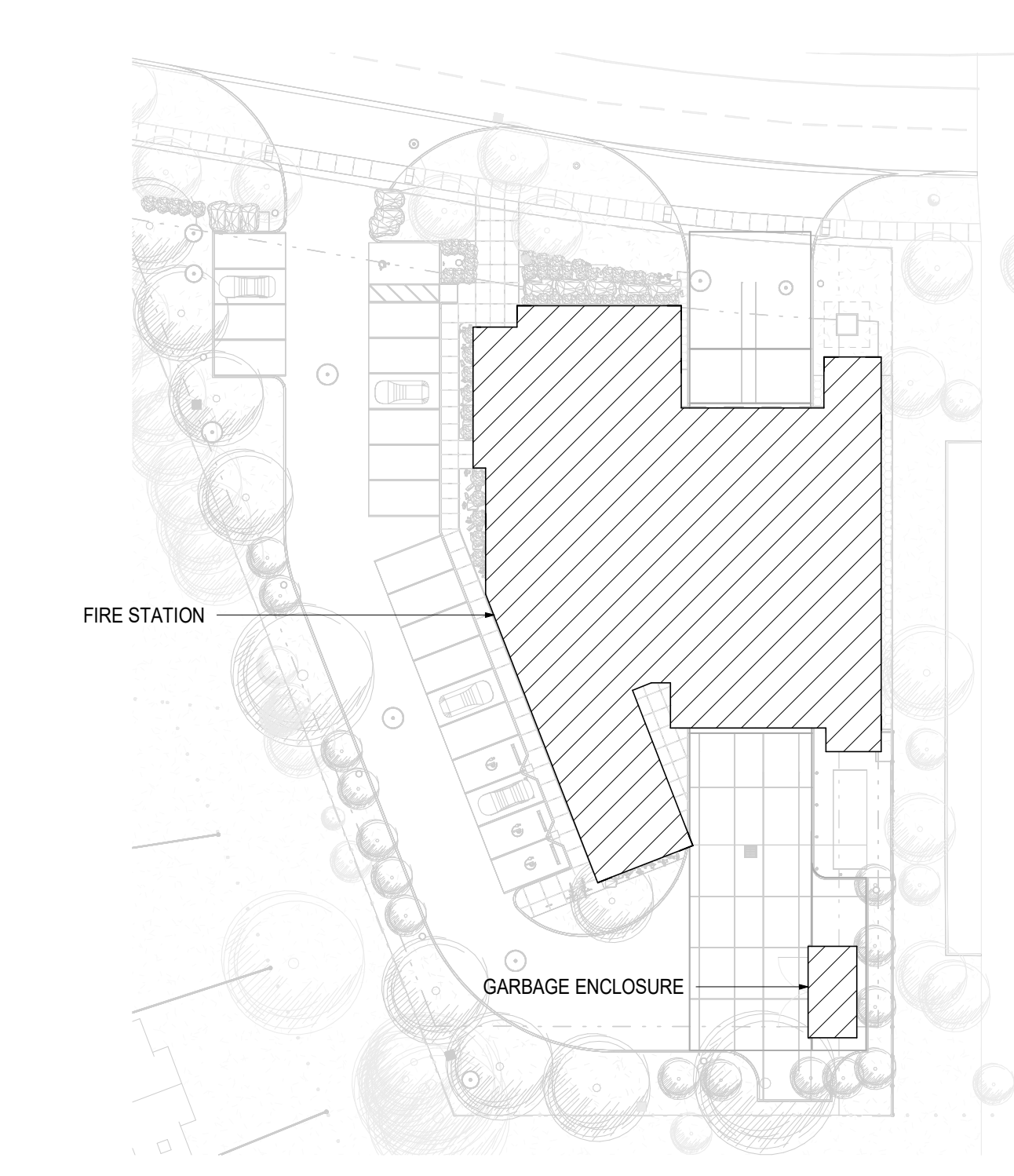
SPREAD FOOTING SCHEDULE			
MARK	SIZE (mm)	REINFORCING	REMARKS
F1	1200x1200x300	4-15 BEW HH	REFER TO PLAN FOR TOP REINFORCEMENT AT BRACES.
F2	800x700x300	UNREINFORCED	
F3	1600x1200x300	5-15 BEW HH	REFER TO PLAN FOR TOP REINFORCEMENT AT BRACES.

STRIP FOOTING SCHEDULE			
MARK	WIDTH	DEPTH	REINFORCING
WF1	600	300	15@400 BUL & CONT. 3-15 BLL
WF2	1000	300	15@400 BUL & CONT. 4-15 BLL
WF3	1100	300	15@300 BUL & CONT. 4-15 BLL
WF4	350	300	15@300 TEW WHERE FOOTING SUPPORTS A MASONRY SHEAR WALL.

CONCRETE PIER SCHEDULE			
MARK	SIZE (mm)	REINFORCING	REMARKS
P1	350x450	VERTICAL 8-15 TIES 10@300	
P2	450x450	8-15 10@300	
P3	570x610	10-15 10@300	SET TOP OF PIER -150 (SEE ARCH.)
P4	515x675	10-15 10@300	



3 FOUNDATION PLAN - GARBAGE ENCLOSURE  
S-201 1:75



1 KEY PLAN  
S-201 1:500

**MISSISSAUGA**

**CITY OF MISSISSAUGA FIRE STATION 123**

3650 THE COLLEGEWAY  
MISSISSAUGA, ONTARIO  
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ALL DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE ARCHITECT AND MUST BE RETURNED AT THE COMPLETION OF THE WORK.

SEALS

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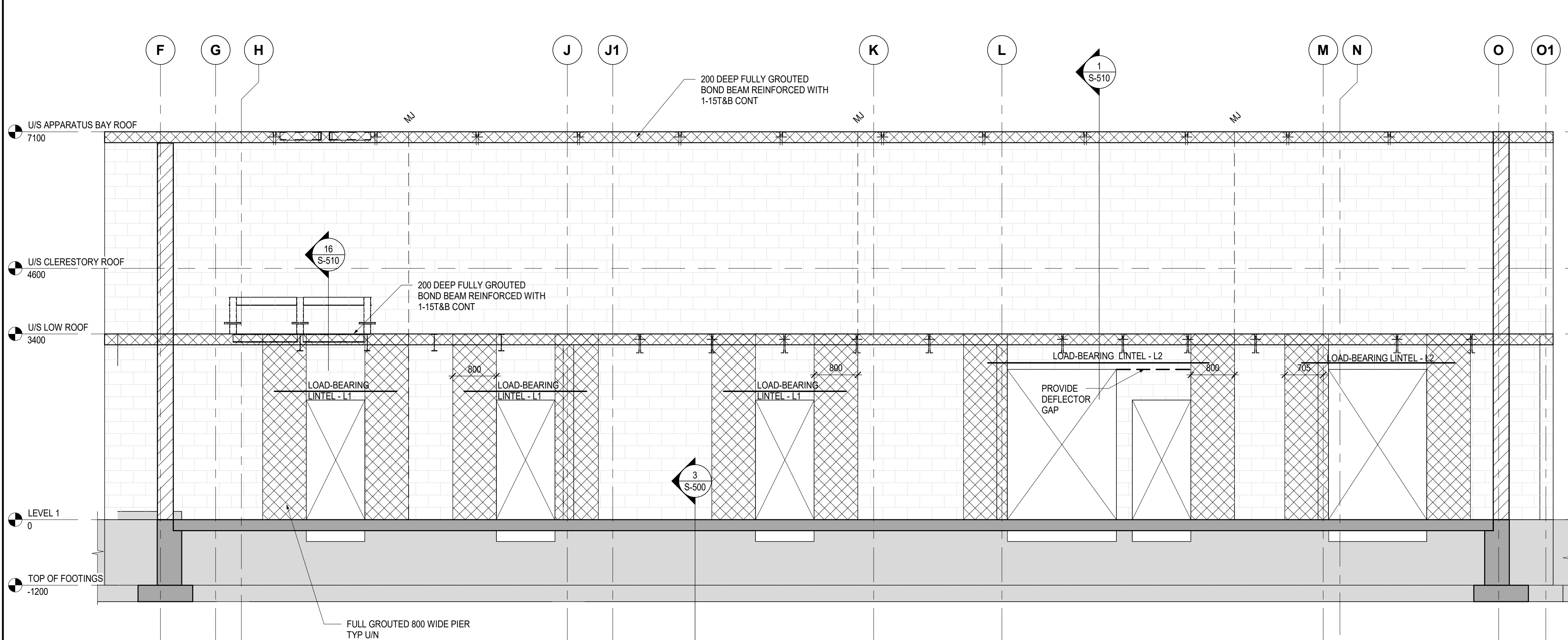
NO. ISSUES/REVISIONS DATE

DRAWING TITLE: FOUNDATION & LEVEL 1 PLAN

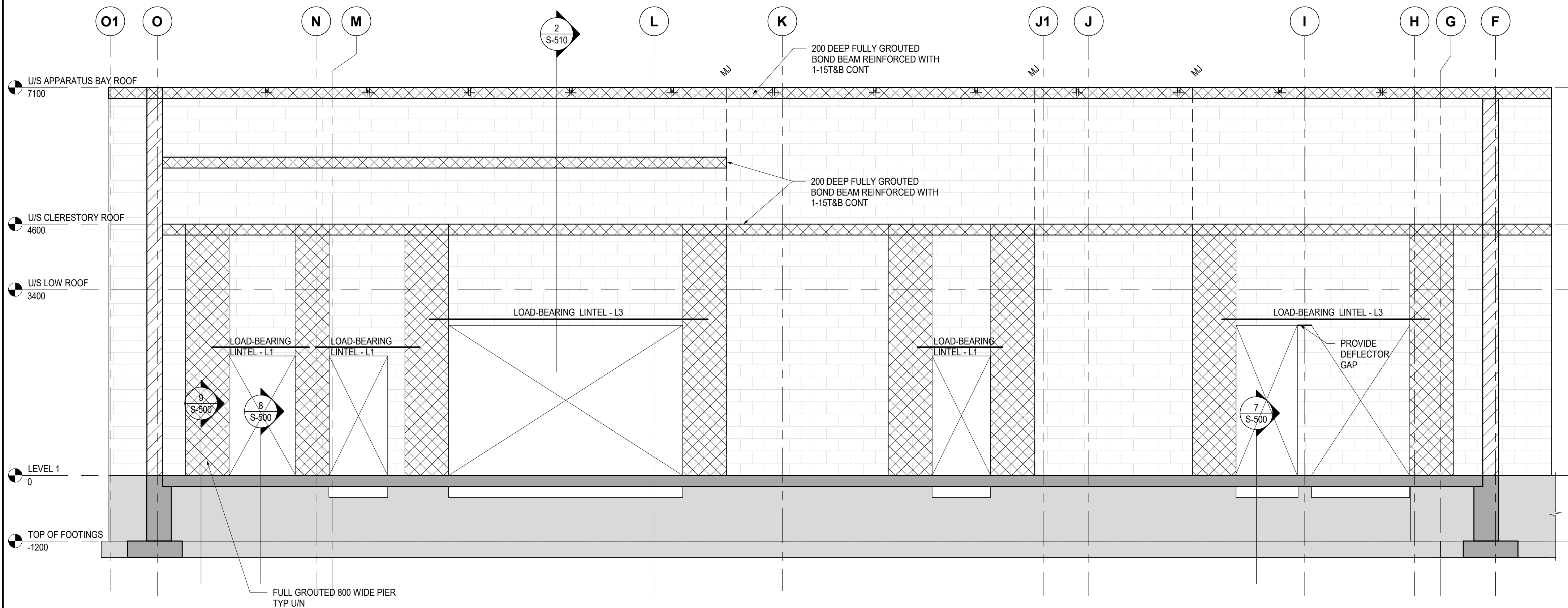
ISSUE DATE: 2024-06-27  
DRAWN BY: H.R. CHECKED BY: S.H.  
PROJECT NO.: 23394 SCALE: As Indicated  
DRAWING NO.: REVISION:

**S-201**

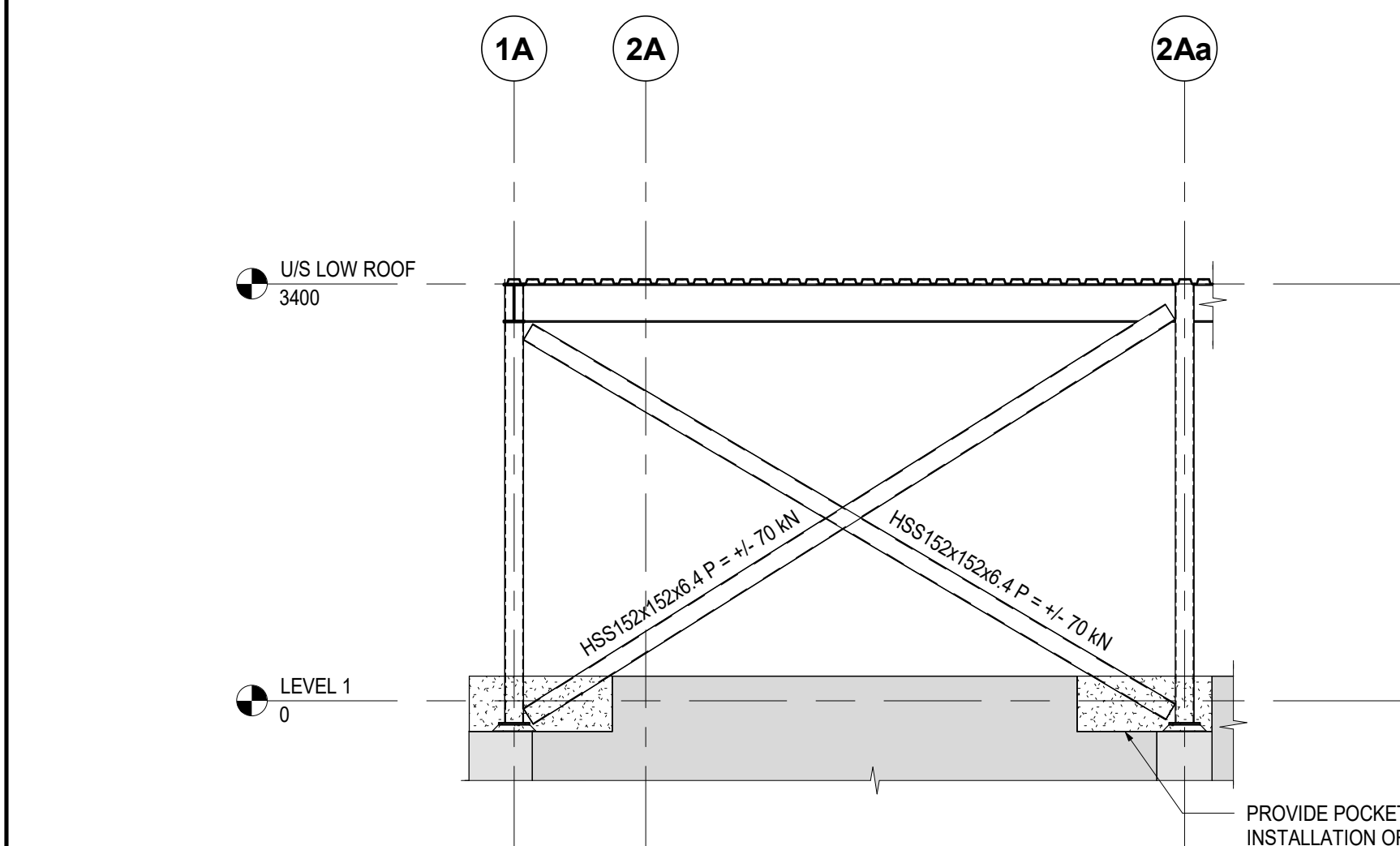
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1 ELEVATION  
S-400 1:50

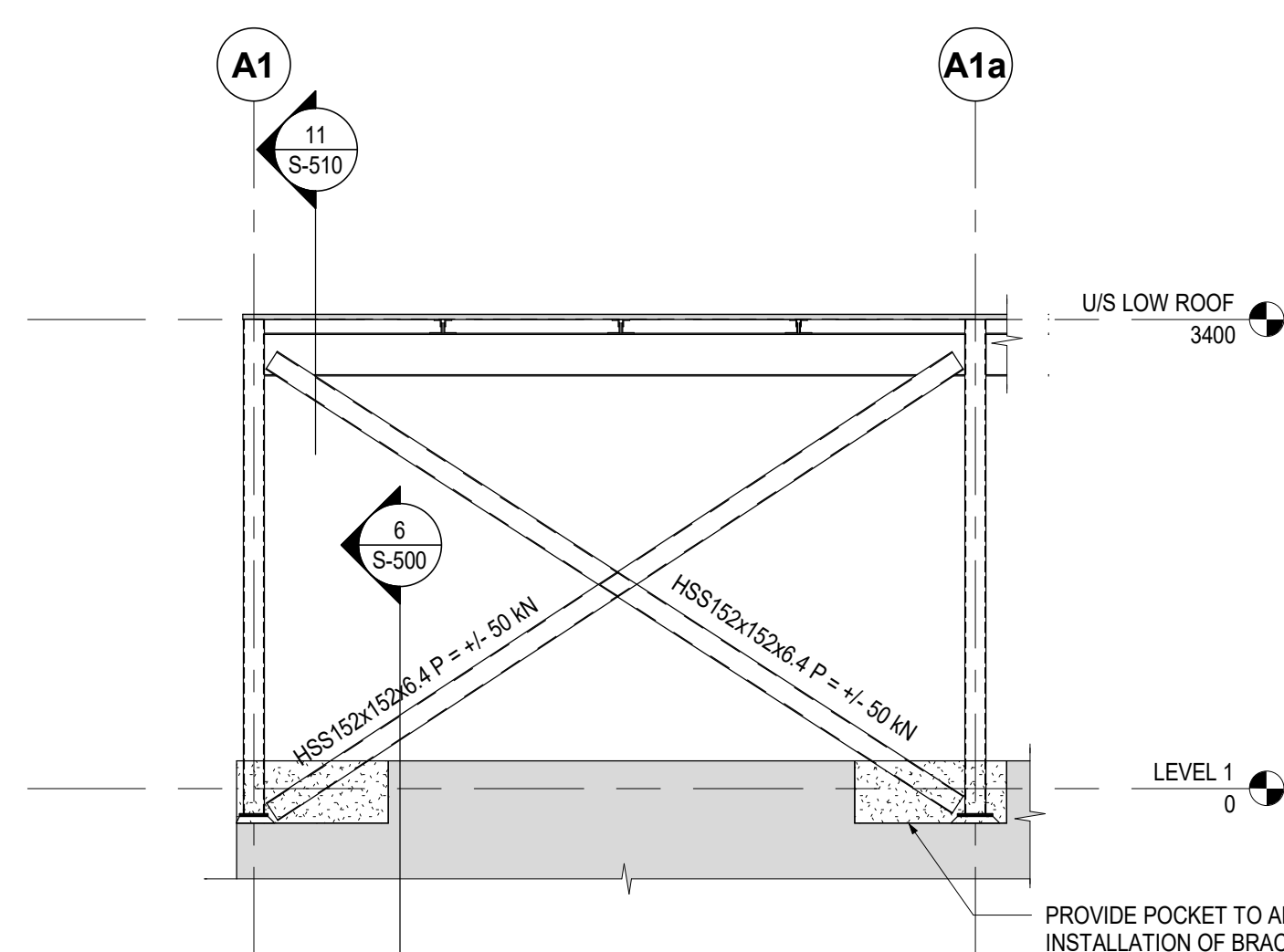


3 ELEVATION  
S-400 1:50



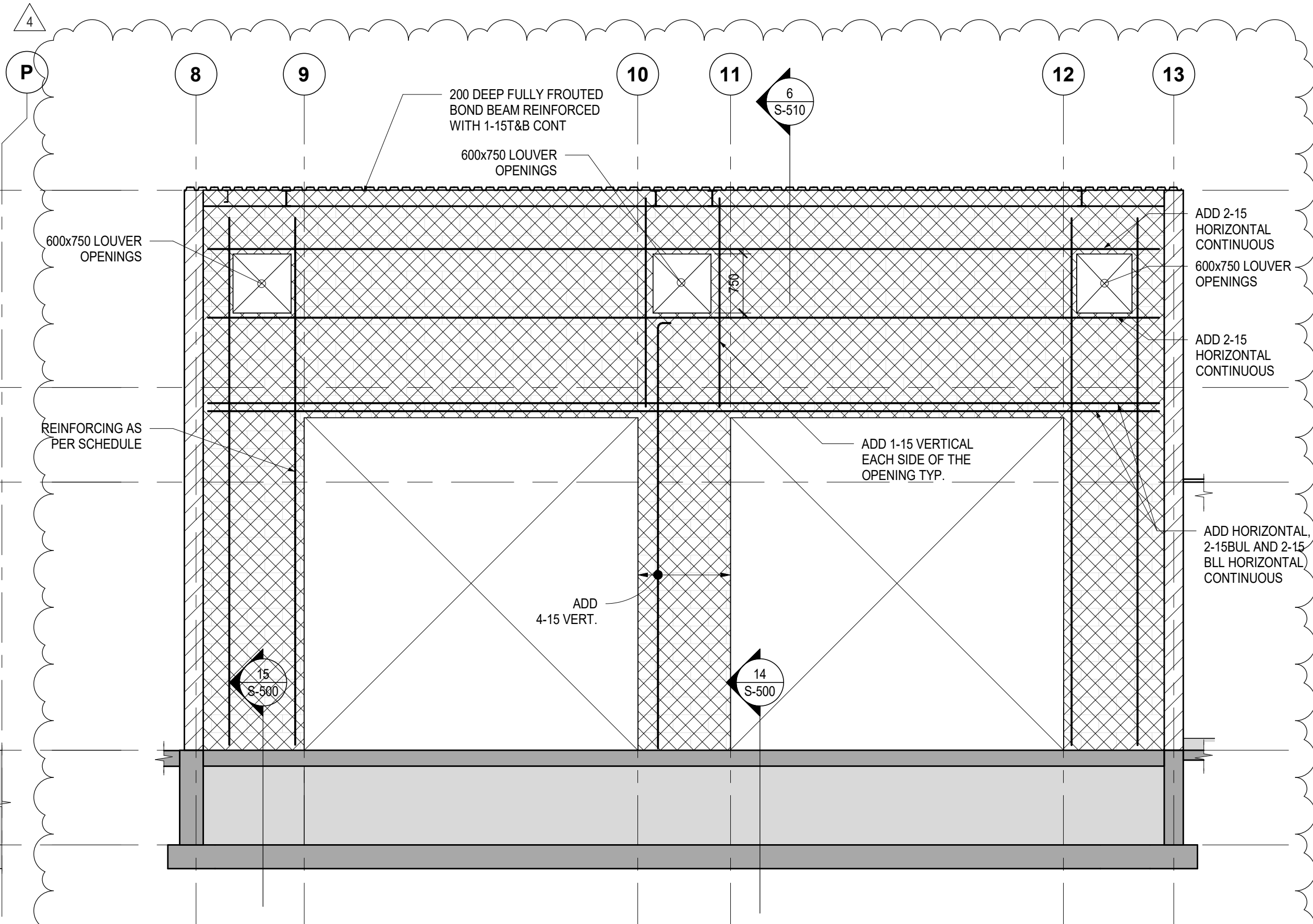
5 ELEVATION  
S-400 1:50

NOTE:  
1. BRACE AXIAL FORCE CORRESPONDS TO  $R_d R_o = 2 \times 1.5$

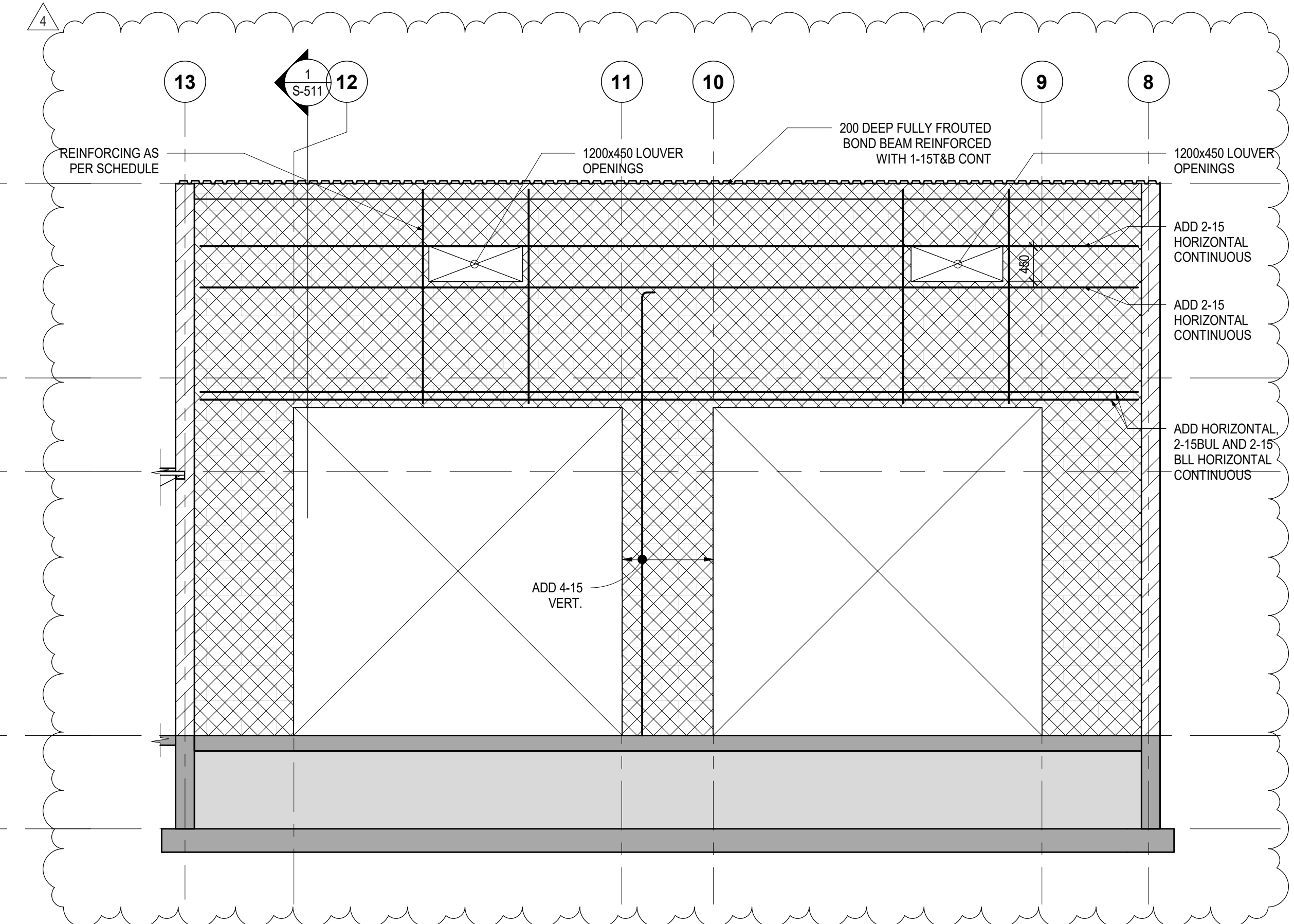


6 ELEVATION  
S-400 1:50

NOTE:  
1. BRACE AXIAL FORCE CORRESPONDS TO  $R_d R_o = 2 \times 1.5$



2 ELEVATION  
S-400 1:50



4 ELEVATION  
S-400 1:50

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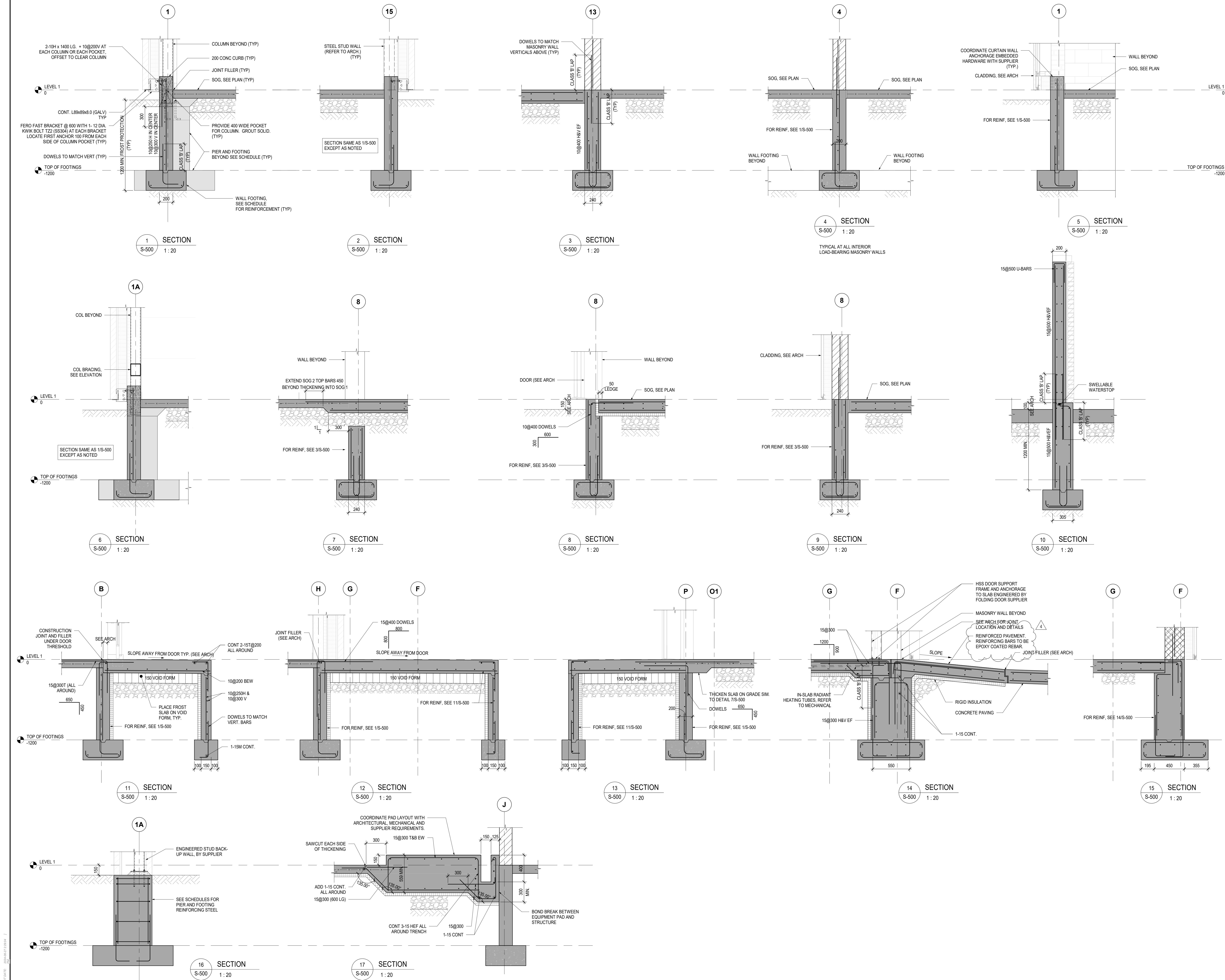
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ELEVATIONS

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DRAWING NO.:		REVISION:	

S-400 4





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FOUNDATION SECTIONS

ISSUE DATE:	2024-06-27
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S-500

4



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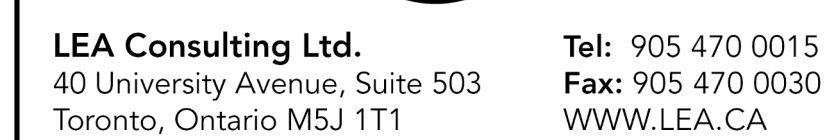
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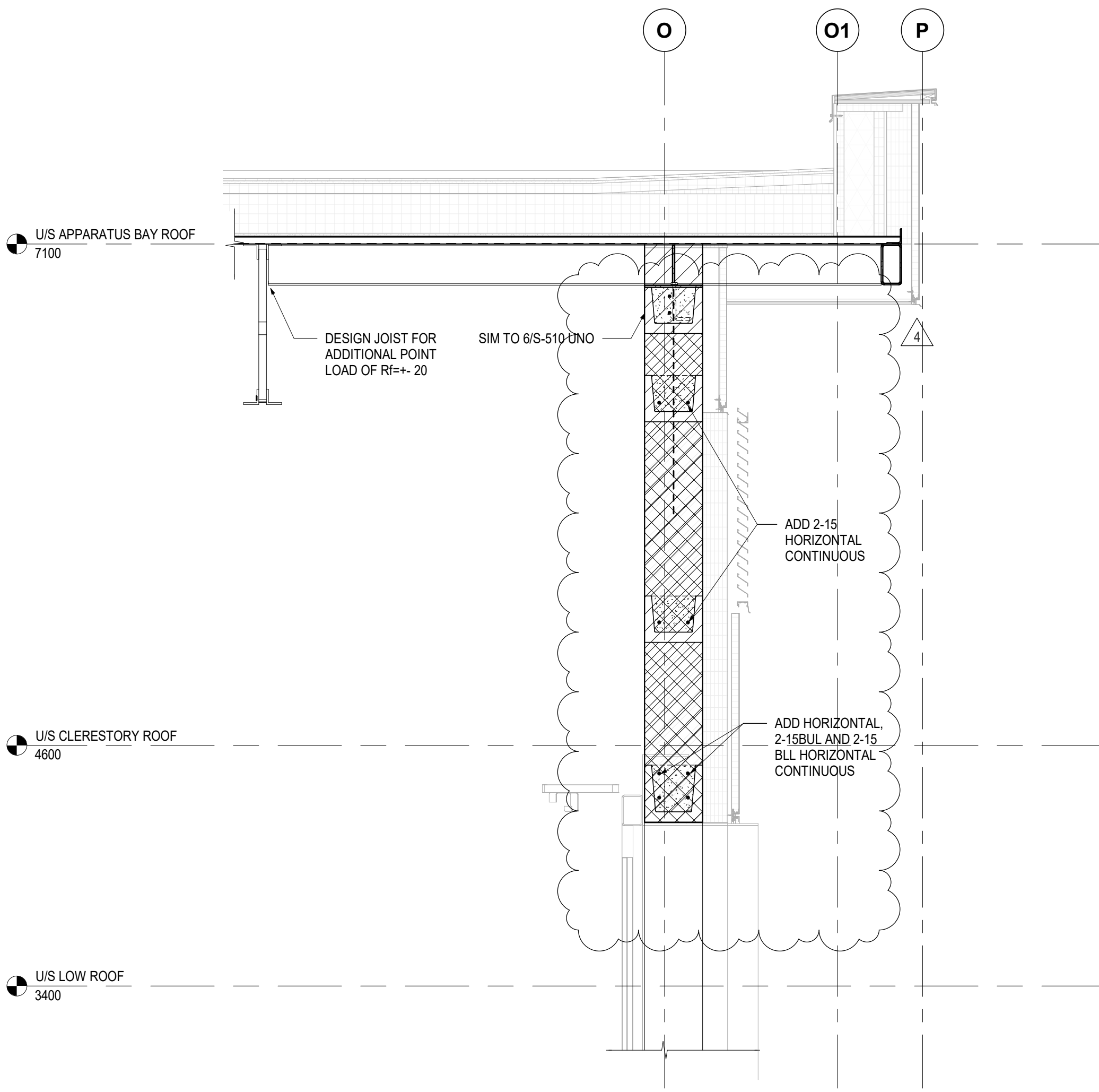
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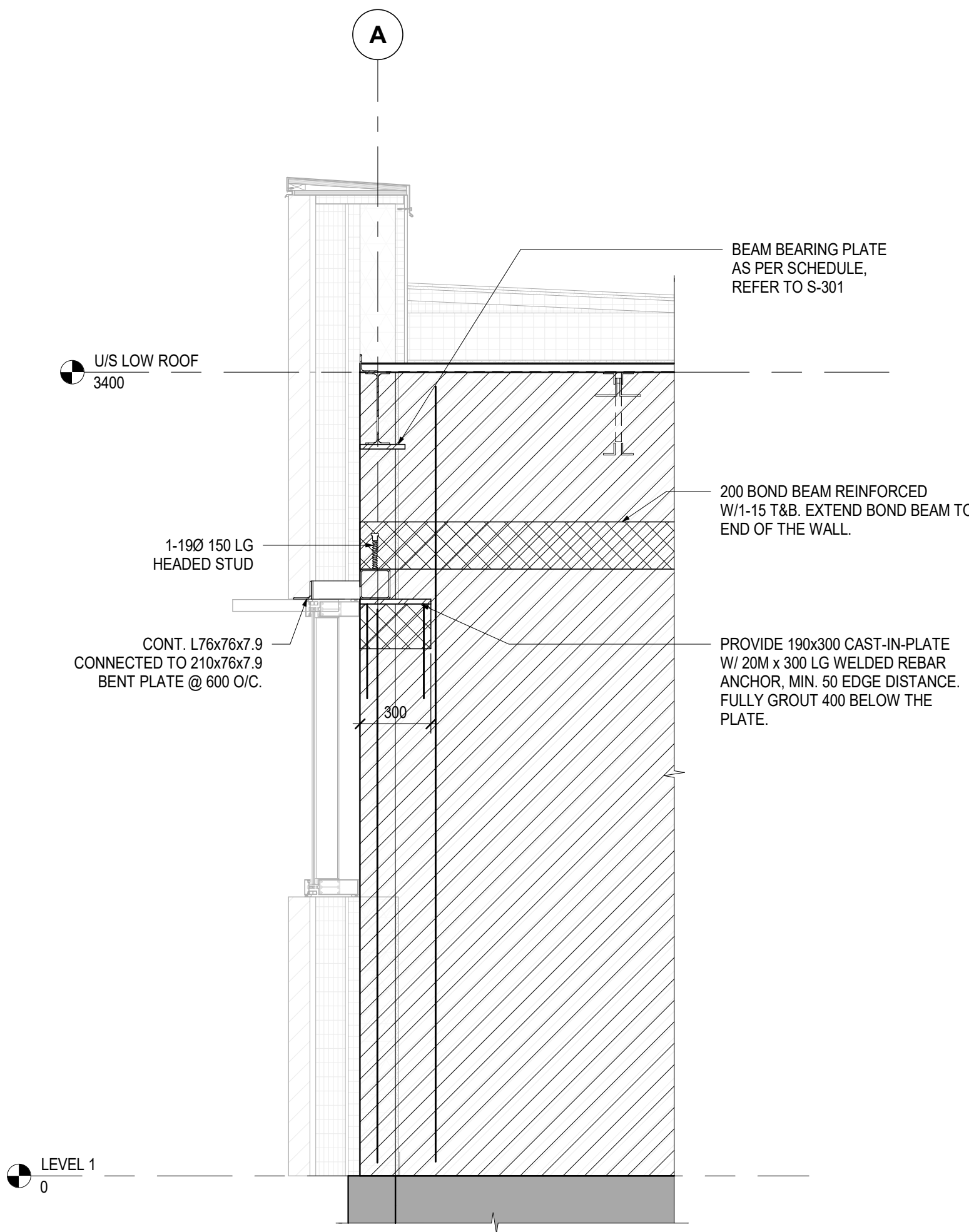


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1 SECTION  
S-511 1:20



2 SECTION  
S-511 1:20



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ROOF SECTIONS

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