

GENERAL

- 1. DESIGN IS BASED ON THE BRITISH COLUMBIA BUILDING CODE 2024... 2. STANDARDS SHALL INCLUDE THE FOLLOWING: CAN/CSA A23.1 CONCRETE MATERIALS AND METHODS OF CONCRETE CONSTRUCTION... 3. STRUCTURAL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL, CIVIL, SURVEY AND OTHER PROJECT DRAWINGS AND SPECIFICATIONS...

EXISTING STRUCTURES

- 1. THE STRUCTURAL DESIGN IS BASED ON INFORMATION GATHERED FROM THE RECORD DRAWINGS AND FROM LIMITED VISUAL OBSERVATIONS ON SITE. 2. VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS ON SITE PRIOR TO IMPLEMENTING AFFECTED WORK.

DESIGN LOADS

- 1. UNLESS NOTED OTHERWISE, THE LOADS NOTED IN TABLES AND ON DRAWINGS ARE UNFACTORED. 2. CLIMATIC INFORMATION

CLIMATIC INFORMATION table with columns for load type and value. Includes SNOW LOAD (1/50), RAIN LOAD (1/50), WIND PRESSURE (1/10), and SEISMIC RESPONSE (Sa, PGA).

IMPORTANCE FACTORS

Importance factors table with columns for load type (Is, Iw, Ie) and SLS/ULS values.

SITE INFORMATION

Site information table with columns for WIND EXPOSURE TERRAIN CATEGORY and WIND INTERNAL PRESSURE CATEGORY.

- 3. CONSTRUCTION LOADS INCLUDING SHORING AND RESHORING, PEOPLE AND EQUIPMENT, ETC. SHALL NOT EXCEED THE DESIGN LIVE LOADS NOTED ON THE DRAWINGS.

DELEGATED DESIGN

- 1. PORTIONS OF THE DETAILED DESIGN ARE DELEGATED TO THE CONTRACTOR. 2. DESIGN OF COMPONENTS THAT RELY ON THE PRIMARY STRUCTURE FOR SUPPORT SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW.

SUBMITTALS

- 1. SUBMIT SHOP DRAWINGS IN THE FOLLOWING FORM: A. LARGE DRAWING SHEETS: NONE B. SMALL SHEETS UP TO 11" x 17": 1 COPY C. PDF DOCUMENT: PREFERRED

TEMPORARY AND ANCILLARY WORKS AND SITE SAFETY

- 1. THESE ENGINEERING DRAWINGS SHOW THE REQUIREMENTS FOR PERMANENT COMPLETED STRUCTURE ONLY. 2. THE CONTRACTOR ALONE IS RESPONSIBLE FOR SAFETY IN AND AROUND THE JOBSITE.

SITE CONDITIONS AND CONTRACTOR REQUESTED CHANGES

- 1. THE GENERAL CONTRACTOR SHALL MARK UP A SET OF STRUCTURAL DRAWINGS WITH DETAILED DIMENSIONS AND SKETCHES OF ALL MODIFICATIONS TO THE STRUCTURE WHICH WERE MADE AS A RESULT OF FIELD CONDITIONS.

FIELD REVIEW BY STANTEC

- 1. THE CONTRACTOR(S) SHALL GIVE NOTICE THAT APPROPRIATE PORTIONS OF THE WORK ARE COMPLETE AND AVAILABLE FOR FIELD REVIEW. 2. FIELD REVIEW IS ONLY AT THE PROFESSIONAL DISCRETION OF STANTEC AND IS TO ASCERTAIN GENERAL COMPLIANCE WITH THE STRUCTURAL PLANS AND SUPPORTING DOCUMENTS...

FOUNDATION AND GEOTECHNICAL NOTES

- 1. FOUNDATION DESIGN IS BASED ON THE FOUNDATION INVESTIGATION SOILS REPORT PREPARED BY GEONORTH ENGINEERING LTD. 2. SITE INFORMATION: SITE CLASS E 3. MINIMUM REQUIRED FOUNDATION DESIGN BEARING CAPACITY: ULTIMATE LIMIT STATE FOOTINGS: 225 kPa

STRUCTURAL DRAWING LIST table with columns for DRAWING NO. and DRAWING TITLE. Includes S-001 STRUCTURAL GENERAL NOTES, S-101 LEVEL 1 (FOUNDATION) PLAN, etc.



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The Contractor shall verify and be responsible for all dimensions, DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.

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Notes



Empty table for notes or revisions.

Revision table with columns for C, S, A, AD, AH, Date, and Description.

Permit/Seal



Client/Project Logo

Client/Project DISTRICT OF FORT SAINT JAMES

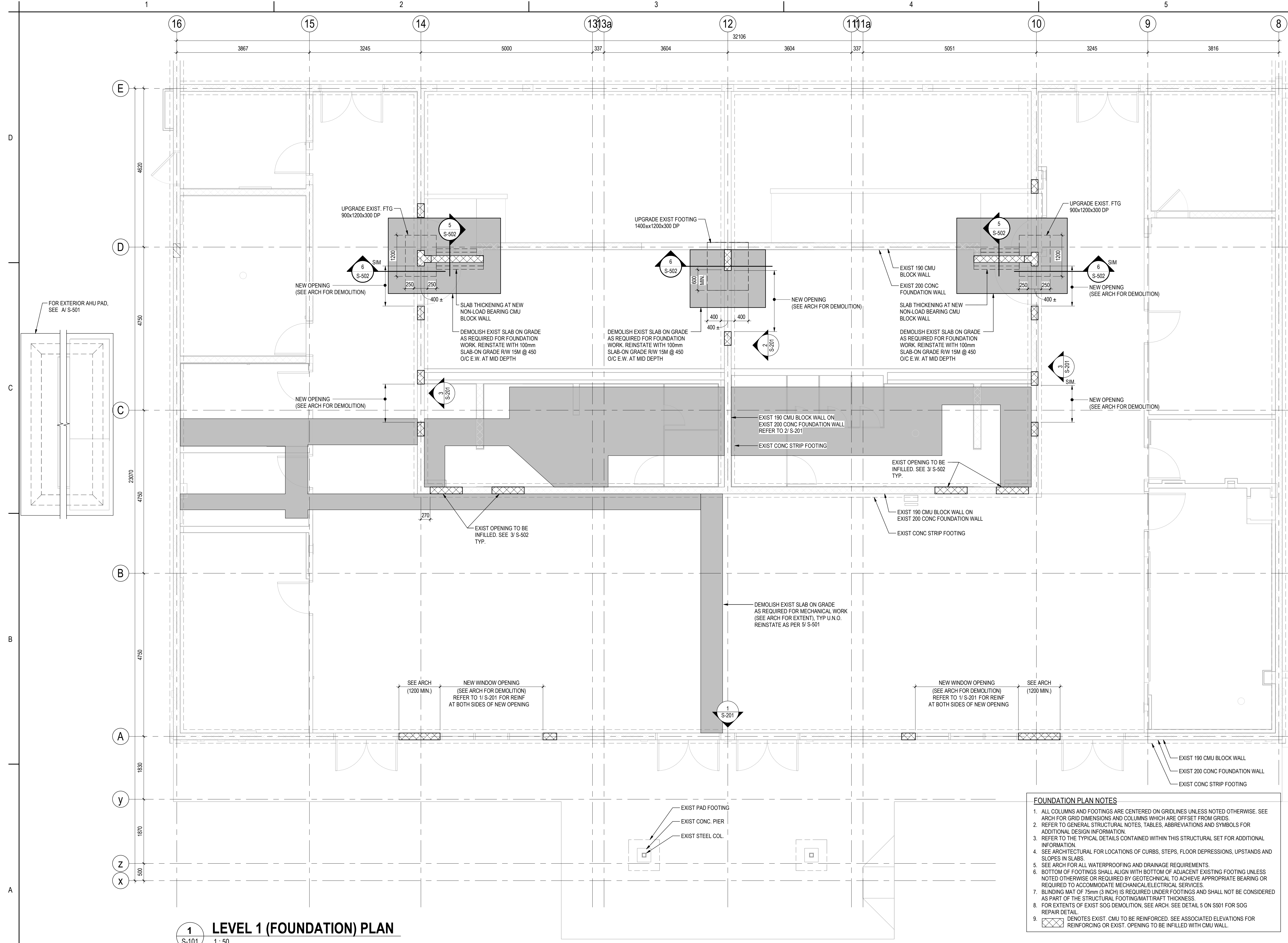
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Title STRUCTURAL GENERAL NOTES

Table with Project No. (115820075), Revision (C), Scale, and Drawing No. (S-001)

S-001



- FOUNDATION PLAN NOTES**
- ALL COLUMNS AND FOOTINGS ARE CENTERED ON GRIDLINES UNLESS NOTED OTHERWISE. SEE ARCH FOR GRID DIMENSIONS AND COLUMNS WHICH ARE OFFSET FROM GRIDS.
 - REFER TO GENERAL STRUCTURAL NOTES, TABLES, ABBREVIATIONS AND SYMBOLS FOR ADDITIONAL DESIGN INFORMATION.
 - REFER TO THE TYPICAL DETAILS CONTAINED WITHIN THIS STRUCTURAL SET FOR ADDITIONAL INFORMATION.
 - SEE ARCHITECTURAL FOR LOCATIONS OF CURBS, STEPS, FLOOR DEPRESSIONS, UPSTANDS AND SLOPES IN SLABS.
 - SEE ARCH FOR ALL WATERPROOFING AND DRAINAGE REQUIREMENTS.
 - BOTTOM OF FOOTINGS SHALL ALIGN WITH BOTTOM OF ADJACENT EXISTING FOOTING UNLESS NOTED OTHERWISE OR REQUIRED BY GEOTECHNICAL TO ACHIEVE APPROPRIATE BEARING OR REQUIRED TO ACCOMMODATE MECHANICAL/ELECTRICAL SERVICES.
 - BLINDING MAT OF 75mm (3 INCH) IS REQUIRED UNDER FOOTINGS AND SHALL NOT BE CONSIDERED AS PART OF THE STRUCTURAL FOOTING/MAT/RAFT THICKNESS.
 - FOR EXTENTS OF EXIST SOG DEMOLITION, SEE ARCH. SEE DETAIL 5 ON S01 FOR SOG REPAIR DETAIL.
 - ⊠ DENOTES EXIST. CMU TO BE REINFORCED. SEE ASSOCIATED ELEVATIONS FOR REINFORCING OR EXIST. OPENING TO BE INFILLED WITH CMU WALL.

1 LEVEL 1 (FOUNDATION) PLAN
S-101 1:50

Rev	Description	By	Appd	Date
C	ISSUED FOR RFP	AD	AH	2024.11.01
B	ISSUED FOR COSTING	SDC	AH	2023.11.10
A	ISSUED FOR SOG CD REVIEW	AD	AH	2023.08.18

Issued/Revision

File Name	AD	MH	AH	Date
File Name: N/A	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

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October 31 2024
Stantec Permit: 1002862

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Title
LEVEL 1 (FOUNDATION) PLAN

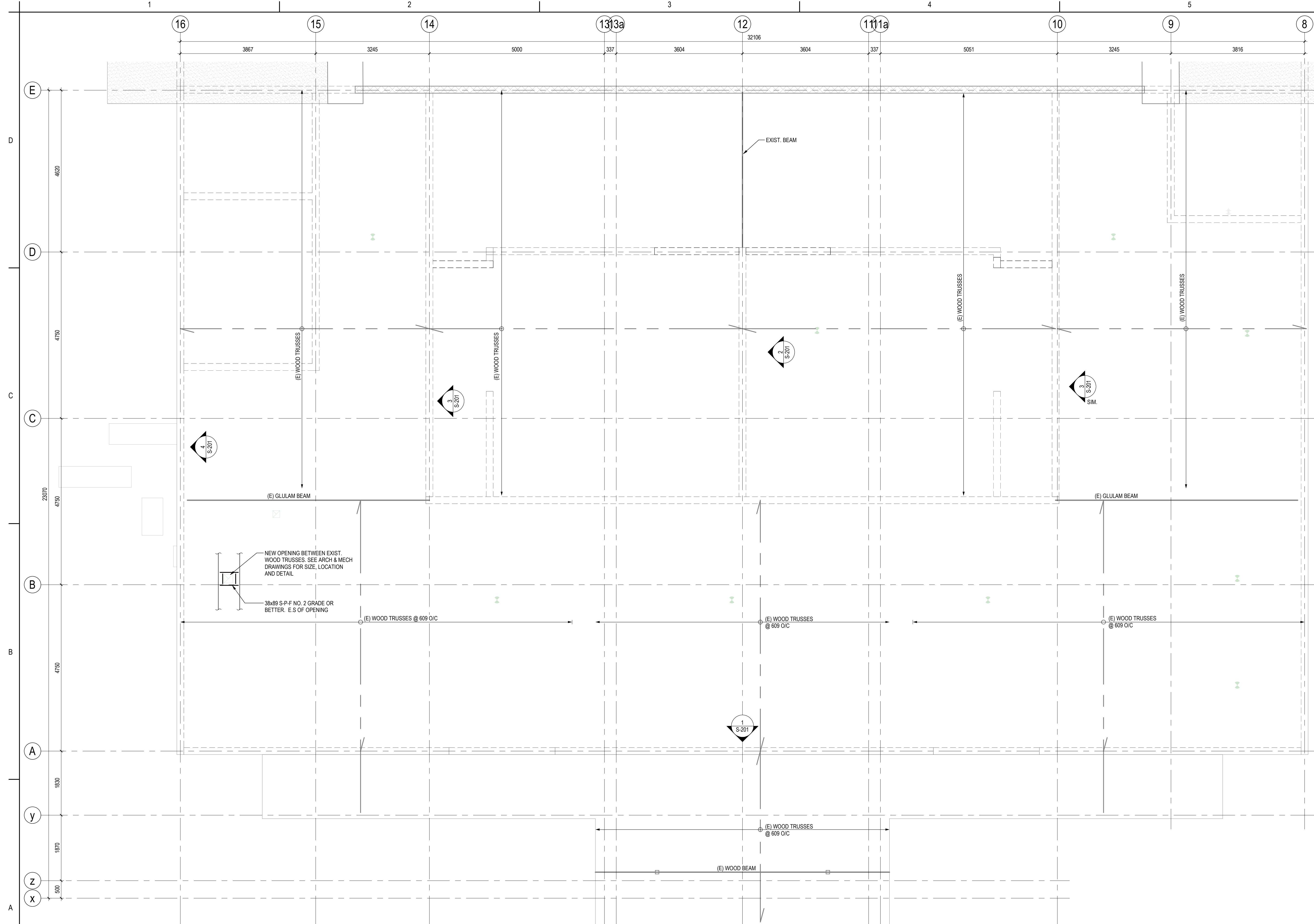
Project No. 115820075	Scale As indicated
Revision C	Drawing No. S-101

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Notes



1 ROOF PLAN
S-102 1:50

Issued/Revision	By	Appd	YYYY.MM.DD
C	AD	AH	2024.11.01
B	SDC	AH	2023.11.10
A	AD	AH	2023.08.18

File Name: N/A	AD	MH	AH
Dwn.	Dsgn.	Chkd.	YYYY.MM.DD
			2023.08.18
			YYYY.MM.DD

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Title
ROOF PLAN

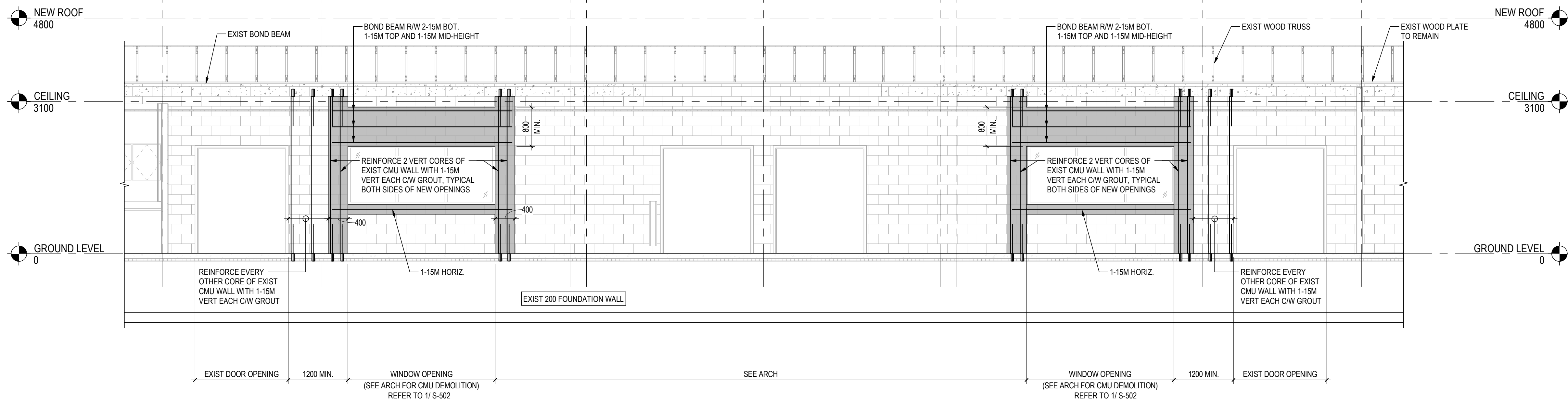
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Revision C	Drawing No. S-102

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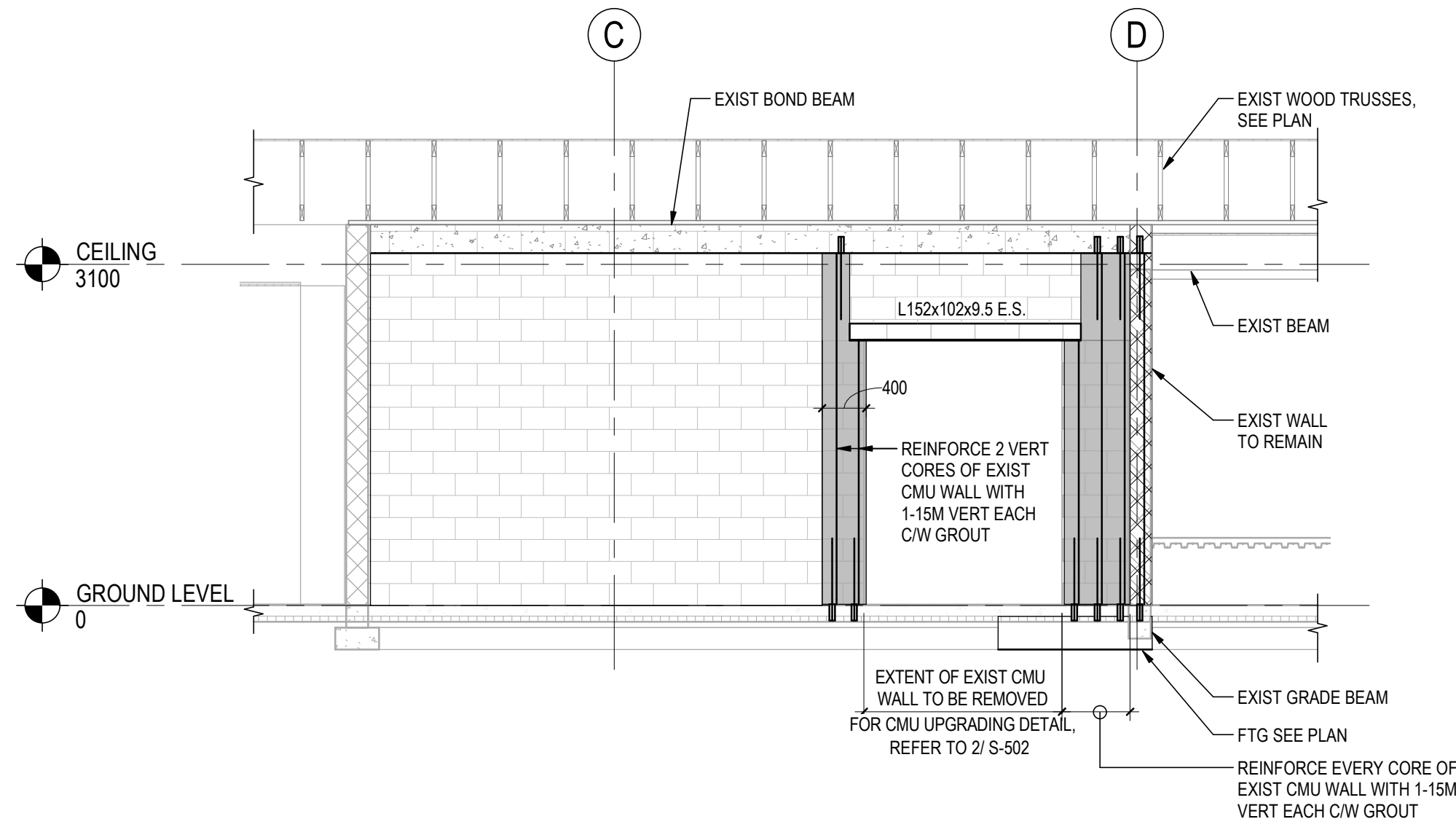
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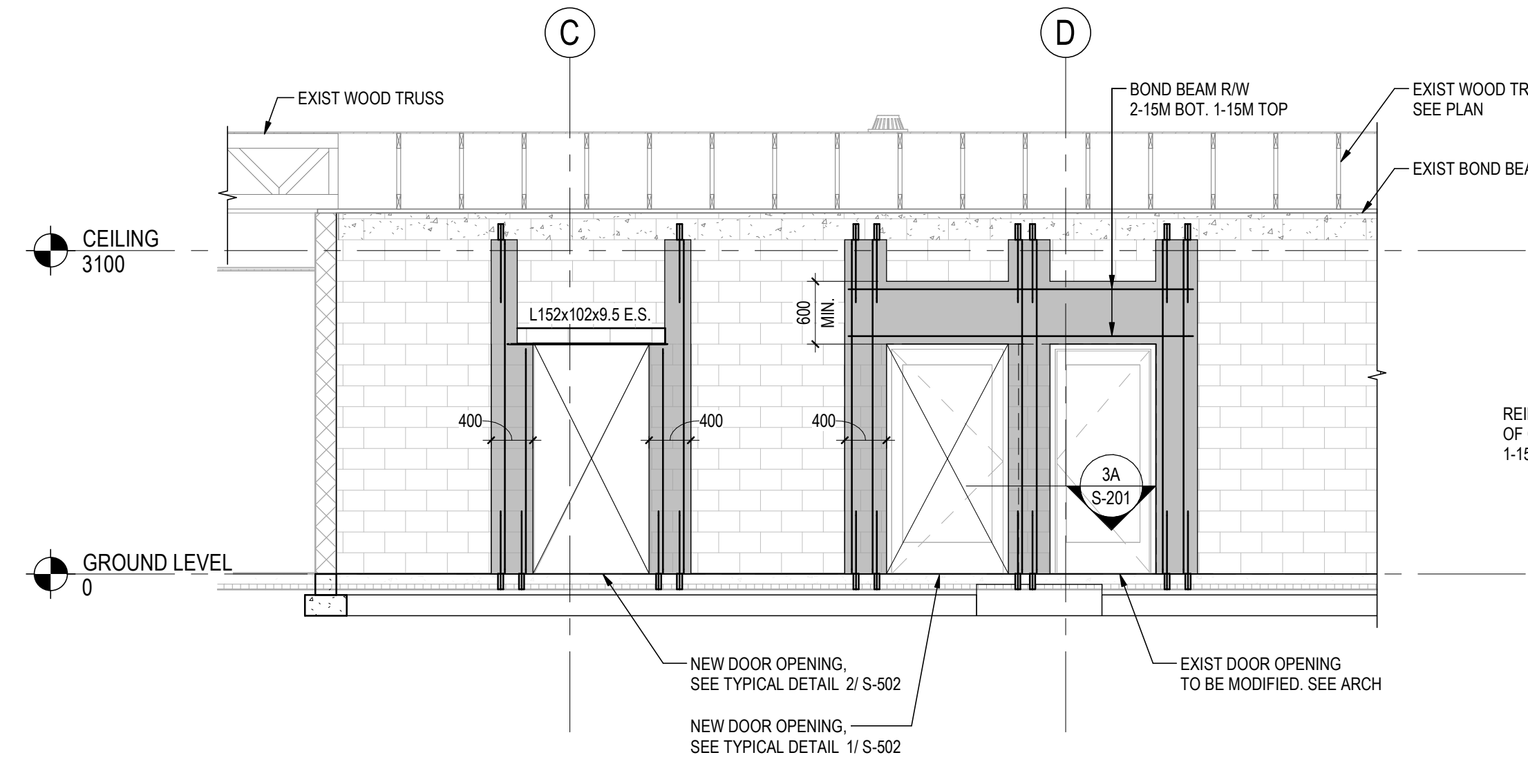
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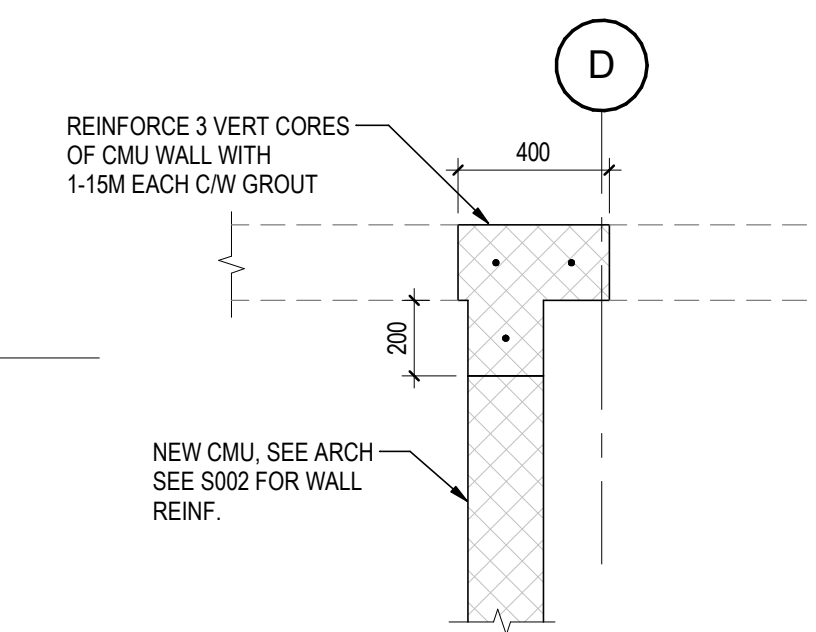
1 PARTIAL CMU WALL ELEVATION - GRID LINE A
S-201 1:50



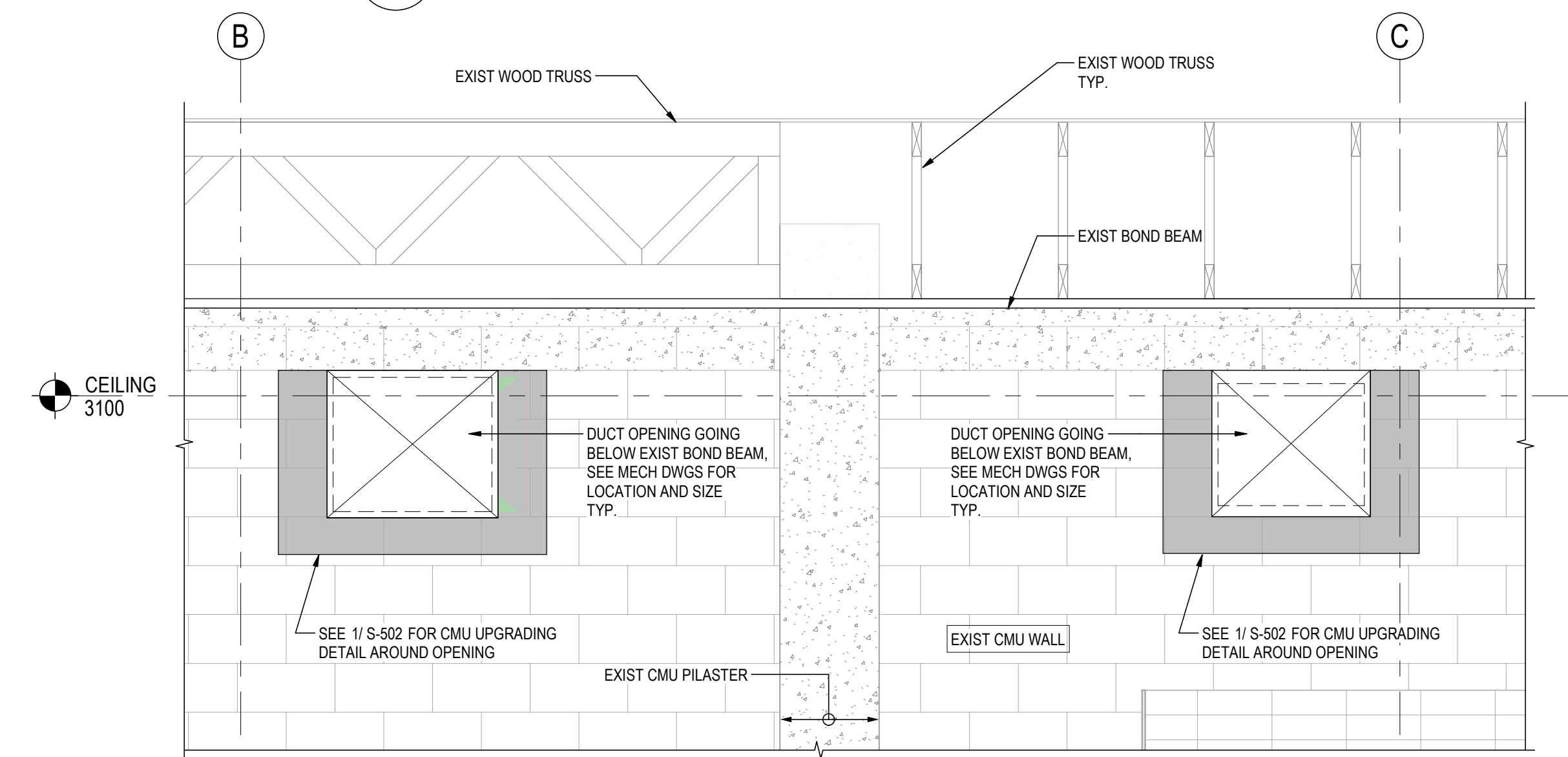
2 CMU WALL ELEVATION - GRID LINE 12
S-201 1:50



3 CMU WALL ELEVATION - GRID LINE 14
S-201 1:50



3A PLAN VIEW
S-201 1:20



4 ELEVATION
S-201 1:20

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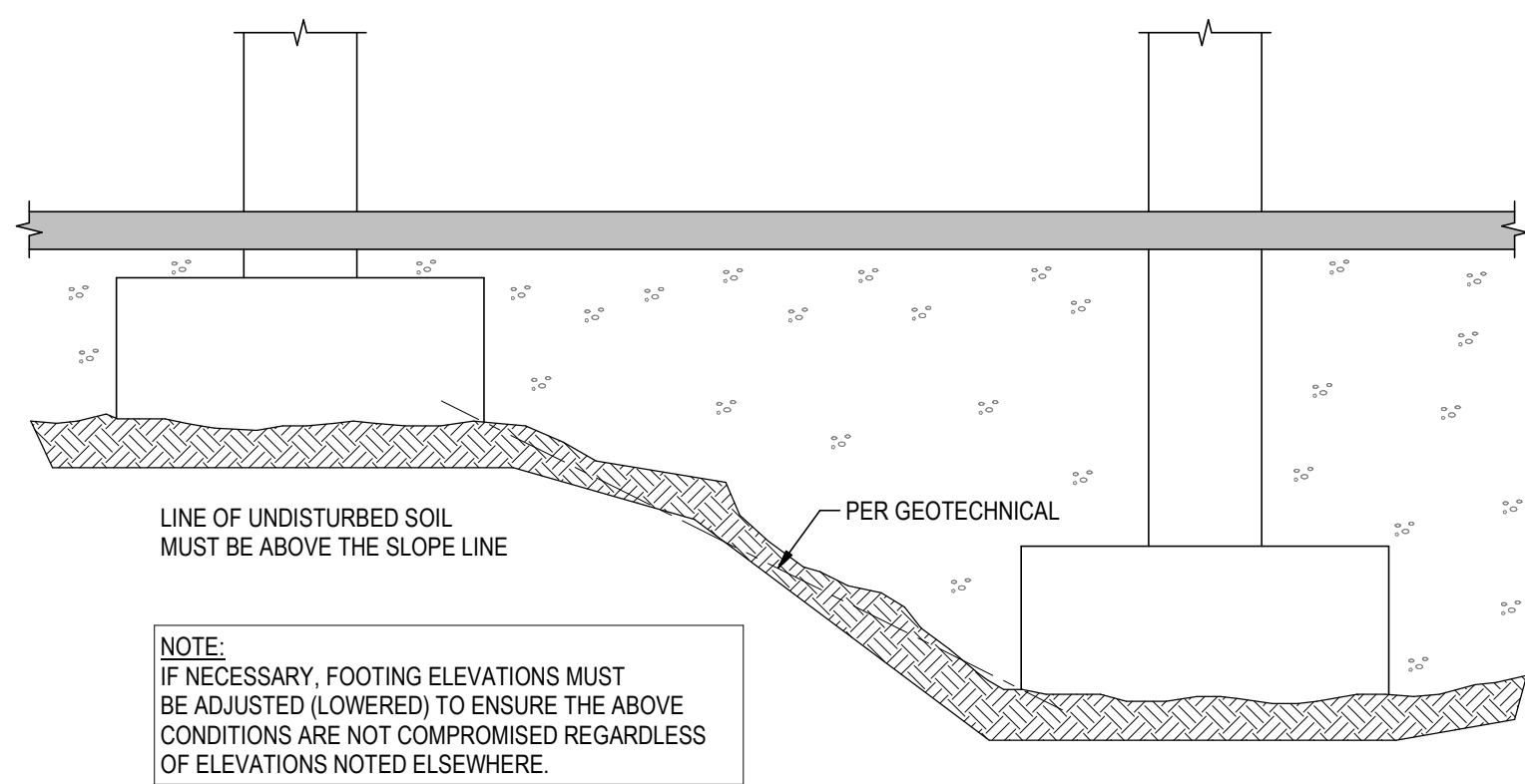
Client/Project
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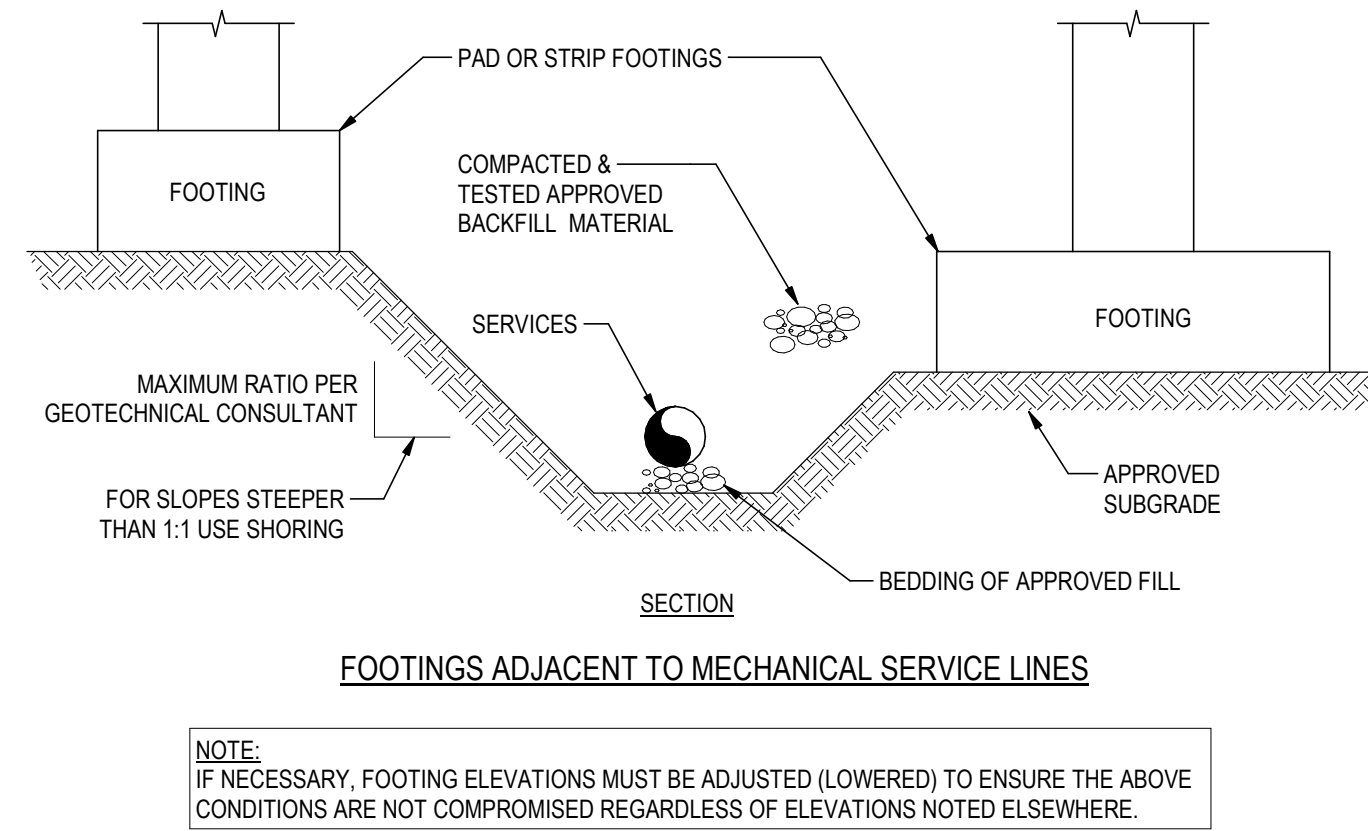
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Title
WALL ELEVATIONS

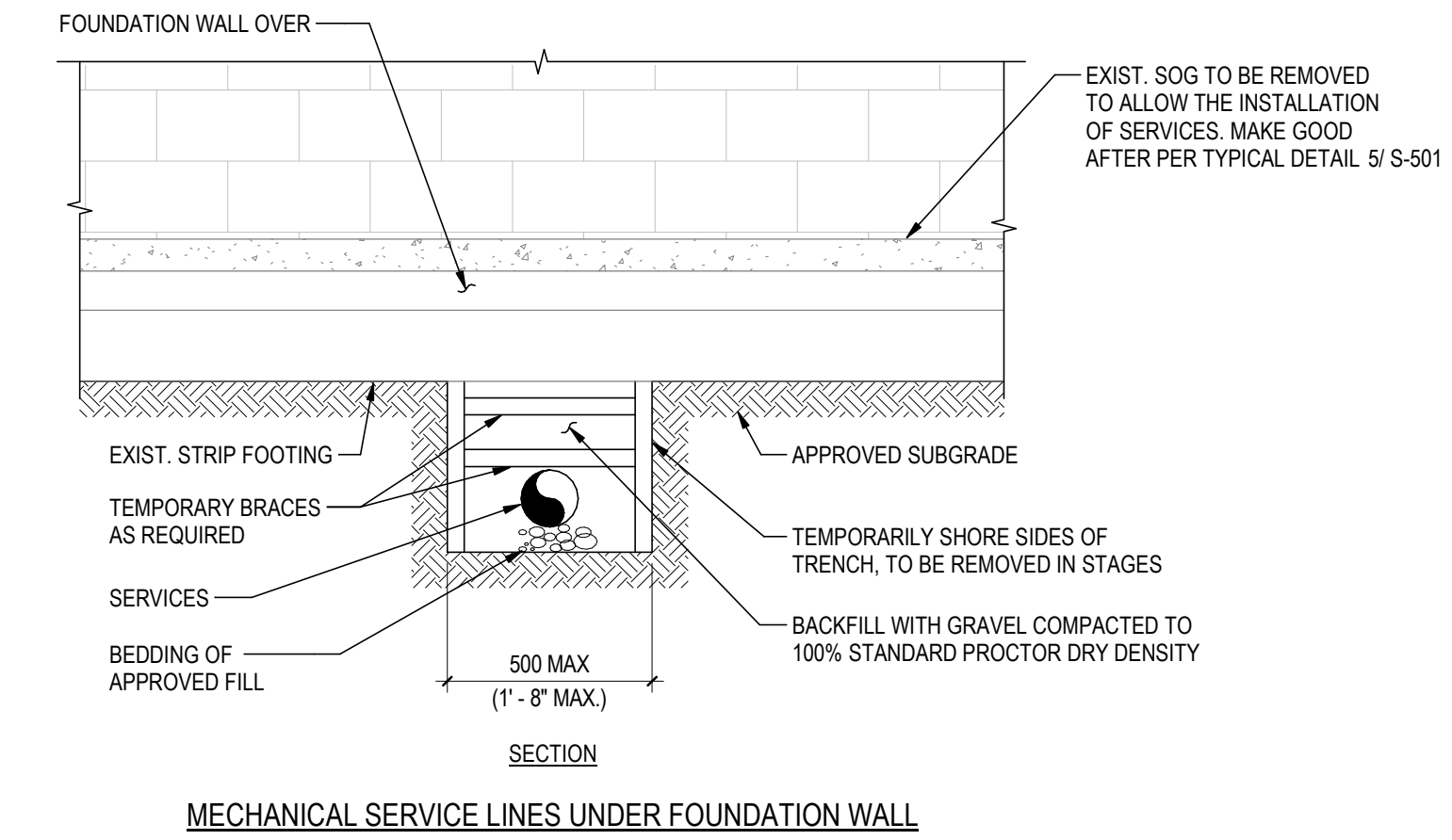
Project No. 115820075	Scale As indicated
Revision C	Drawing No. S-201



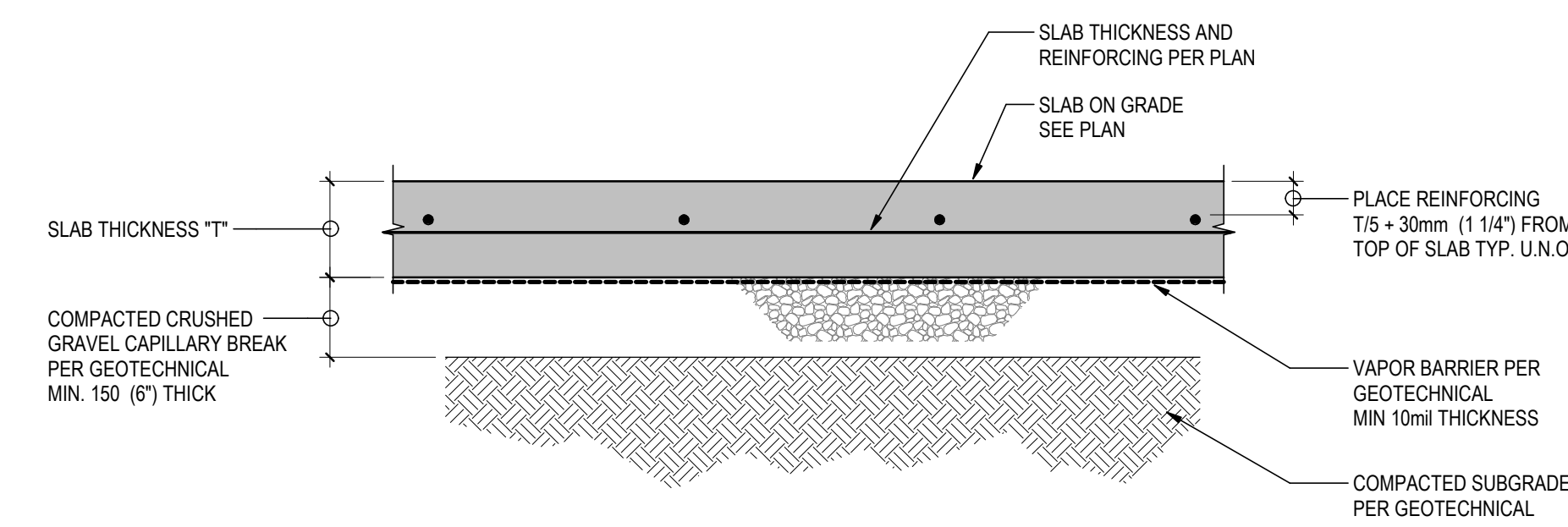
1 TYPICAL FOOTING ADJACENT TO EXCAVATION
S-501 1:20



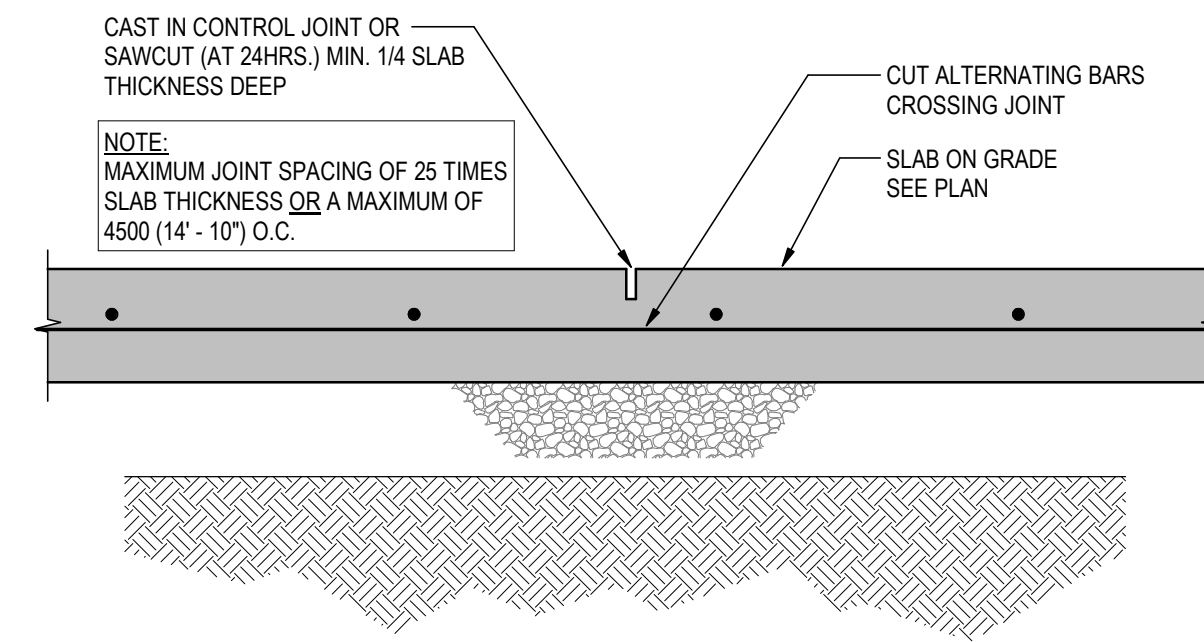
2 TYPICAL FOOTINGS NEAR MECHANICAL SERVICE LINES
S-501 1:20



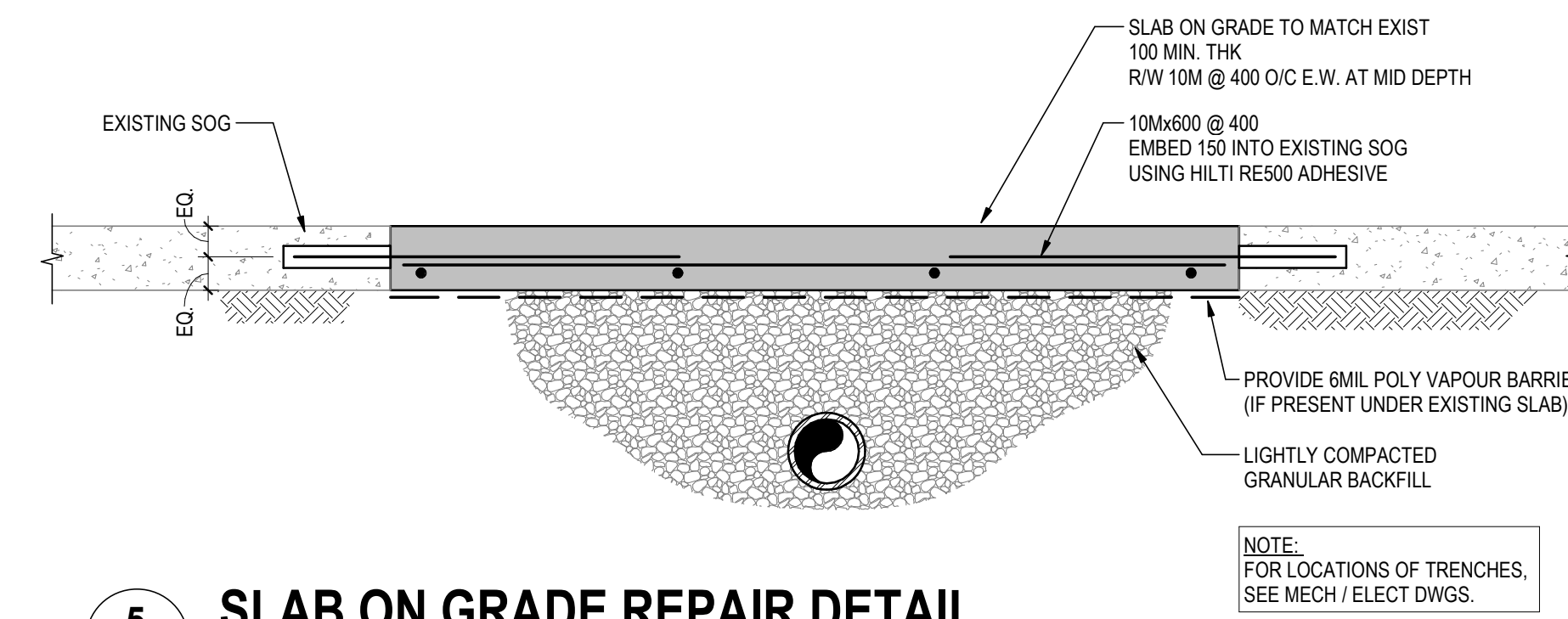
MECHANICAL SERVICE LINES UNDER FOUNDATION WALL



3 TYPICAL SLAB ON GRADE
S-501 1:10

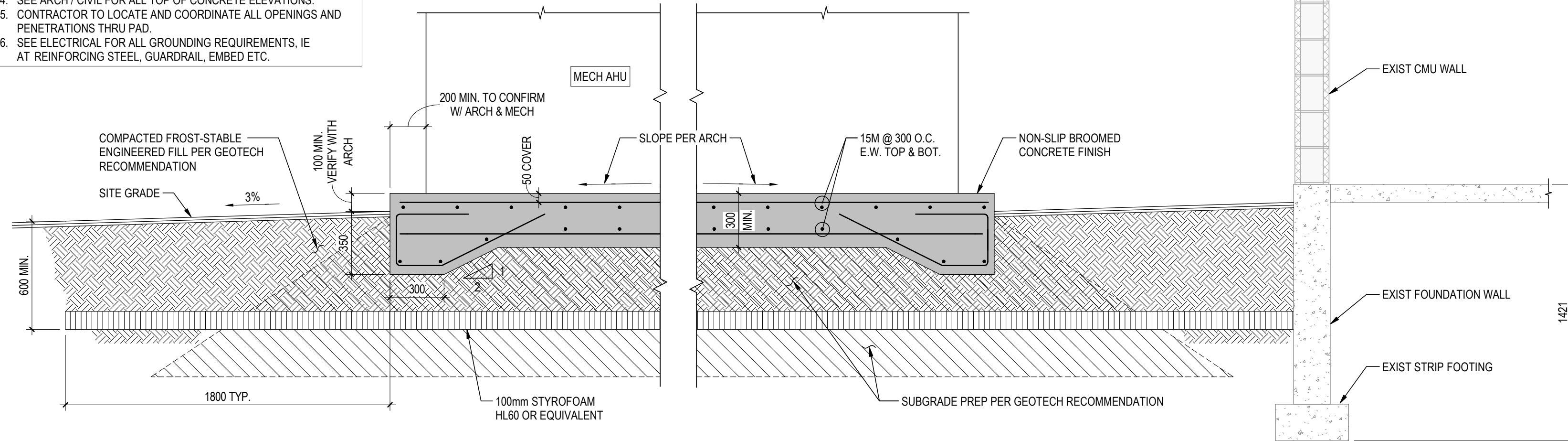


4 TYPICAL SLAB ON GRADE CONTROL JOINT
S-501 1:10

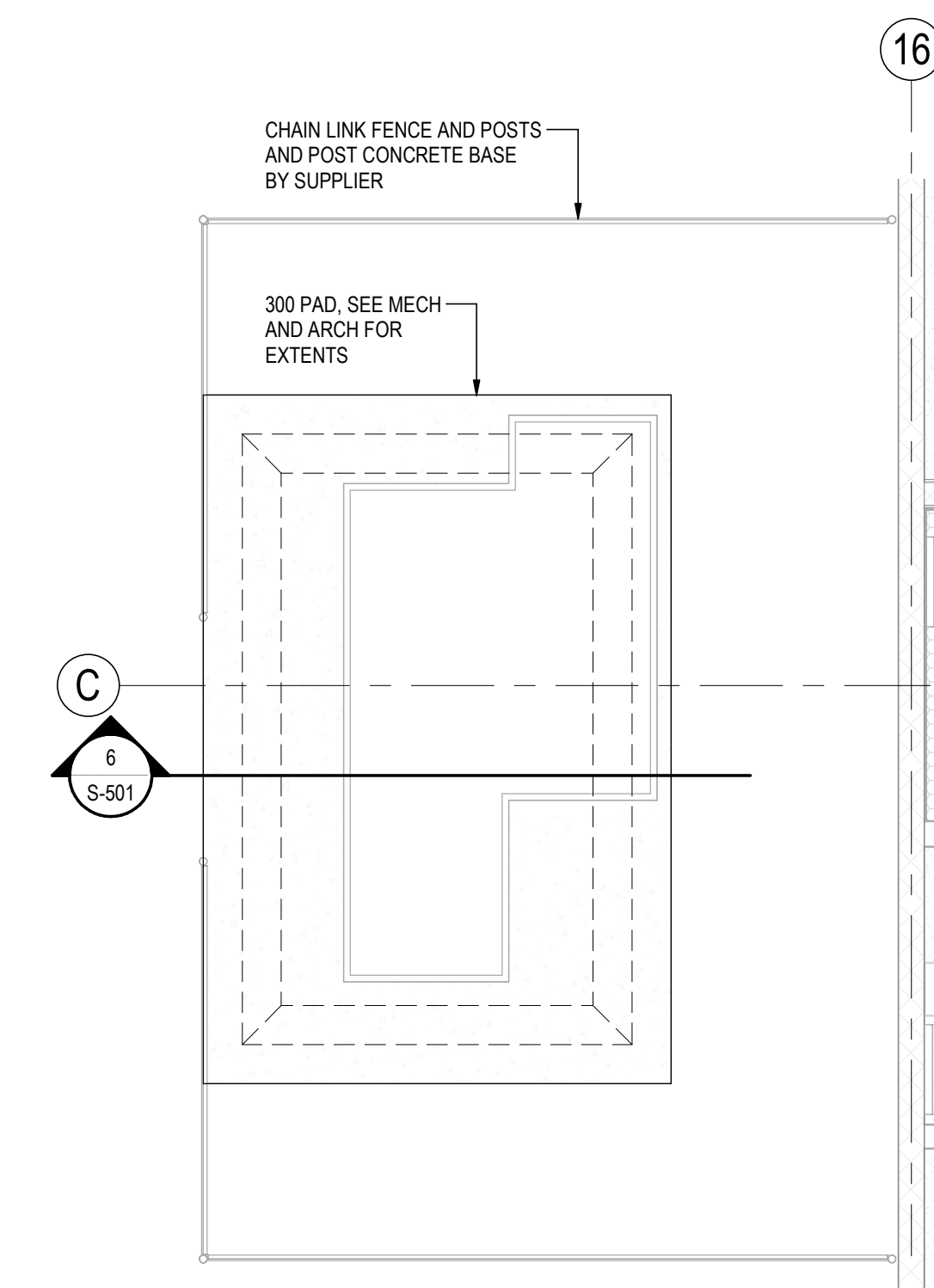


5 SLAB ON GRADE REPAIR DETAIL
S-501 1:10

- NOTES:
1. LOCATIONS AND DIMENSIONS OF CONCRETE PAD AS PER ARCH / MECH / ELEC.
 2. CONCRETE TO BE C1 EXPOSURE CLASS.
 3. EQUIPMENT ANCHORAGE BY MANUFACTURER.
 4. SEE ARCH / CIVIL FOR ALL TOP OF CONCRETE ELEVATIONS.
 5. CONTRACTOR TO LOCATE AND COORDINATE ALL OPENINGS AND PENETRATIONS THRU PAD.
 6. SEE ELECTRICAL FOR ALL GROUNDING REQUIREMENTS, IE AT REINFORCING STEEL, GUARDRAIL, EMBED ETC.



6 AHU PAD SECTION
S-501 1:20



A AHU PAD PLAN
S-501 1:50

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File Name: N/A	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD



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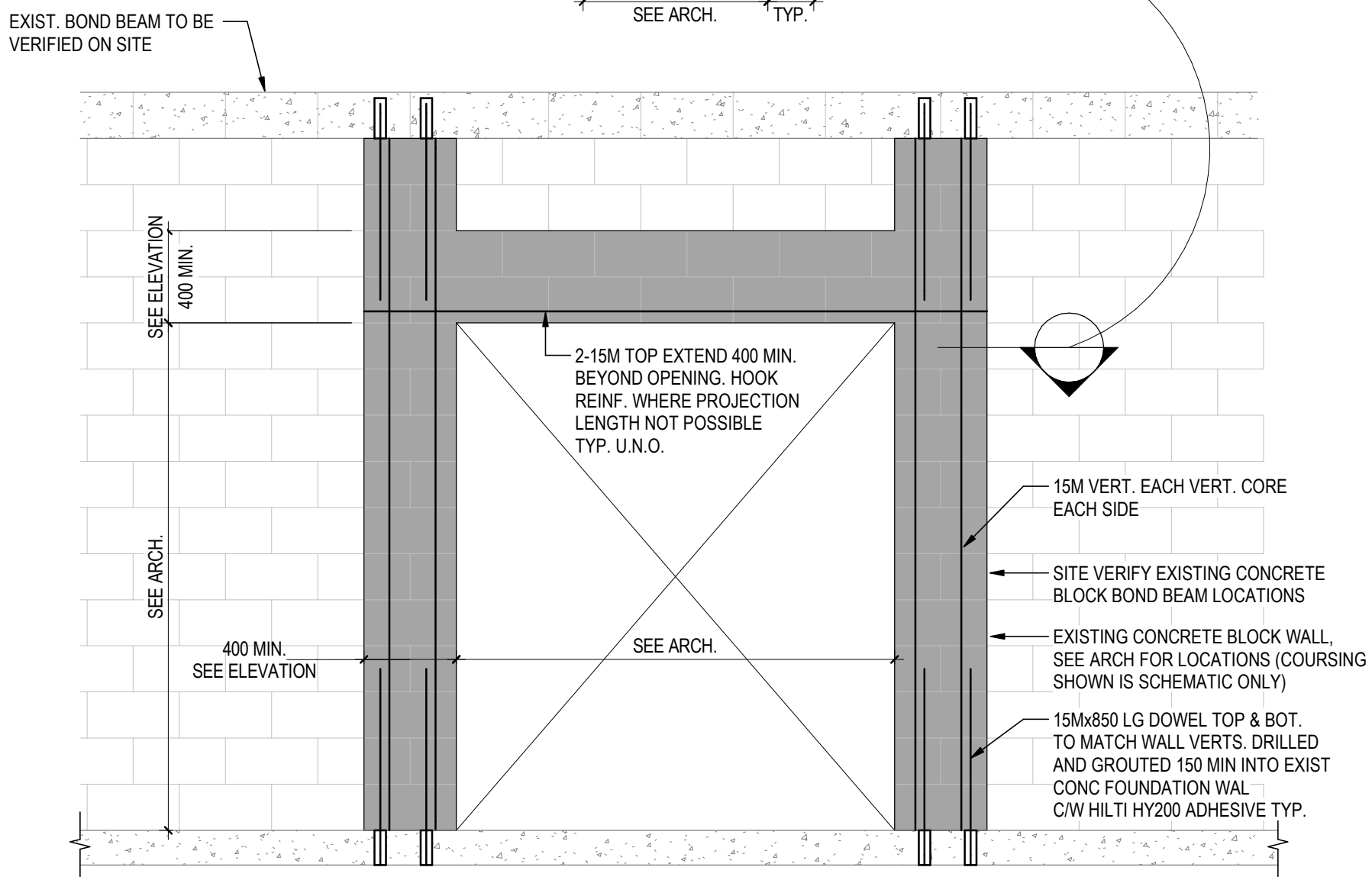
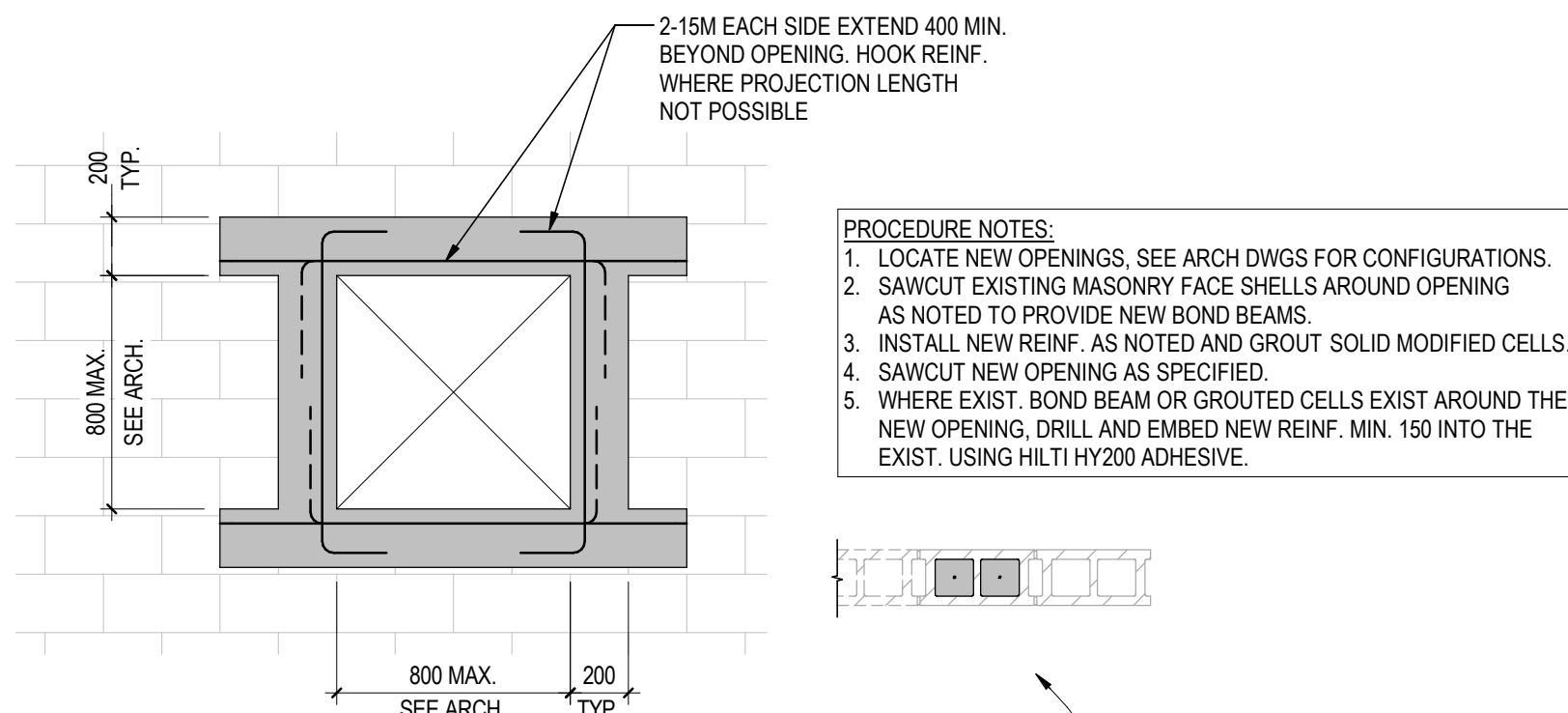
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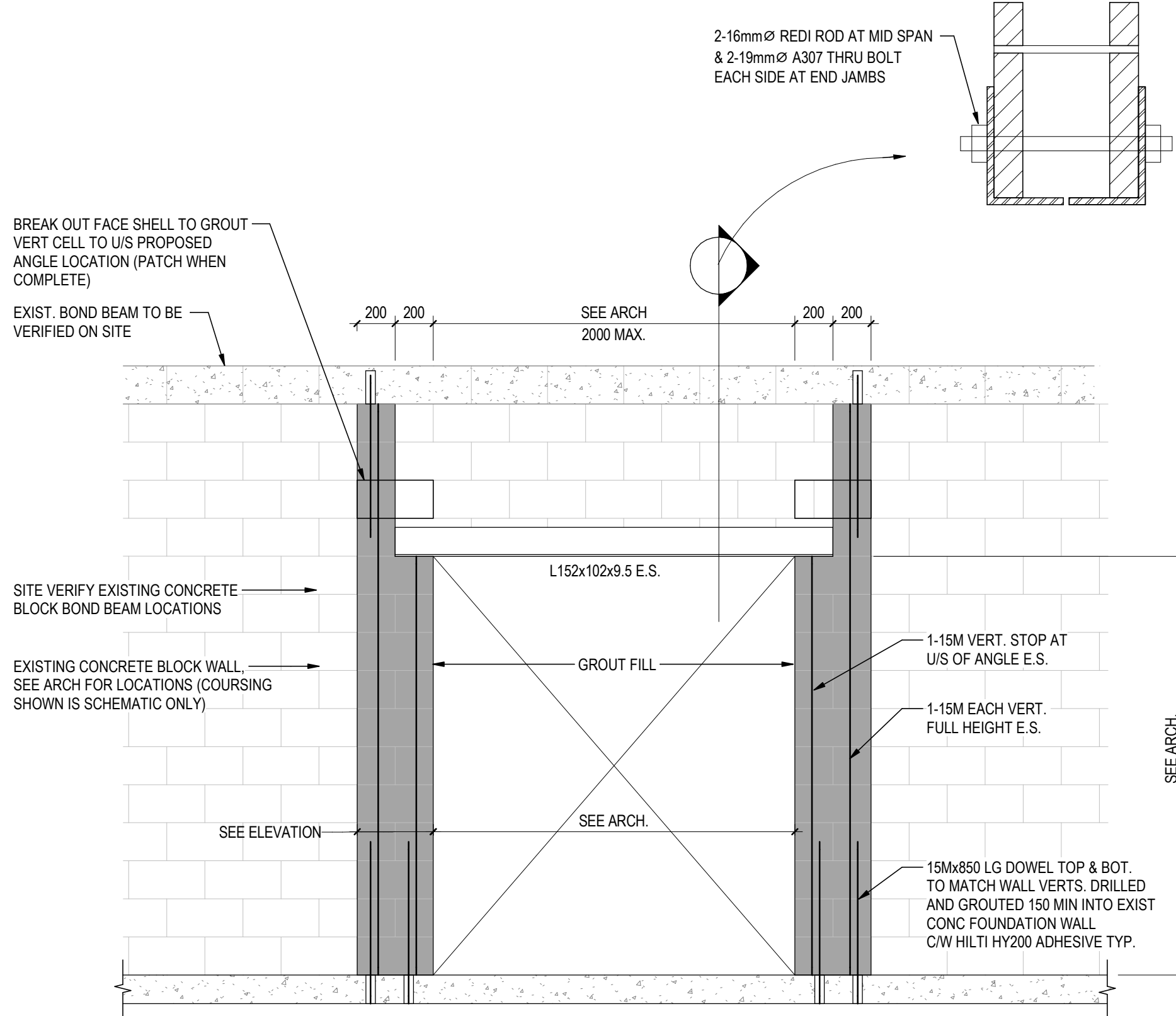
300 Stuart Dr E, Fort St James, BC V0J 1P0

Title
TYPICAL DETAILS, EXTERIOR AHU PAD PLAN AND SECTION

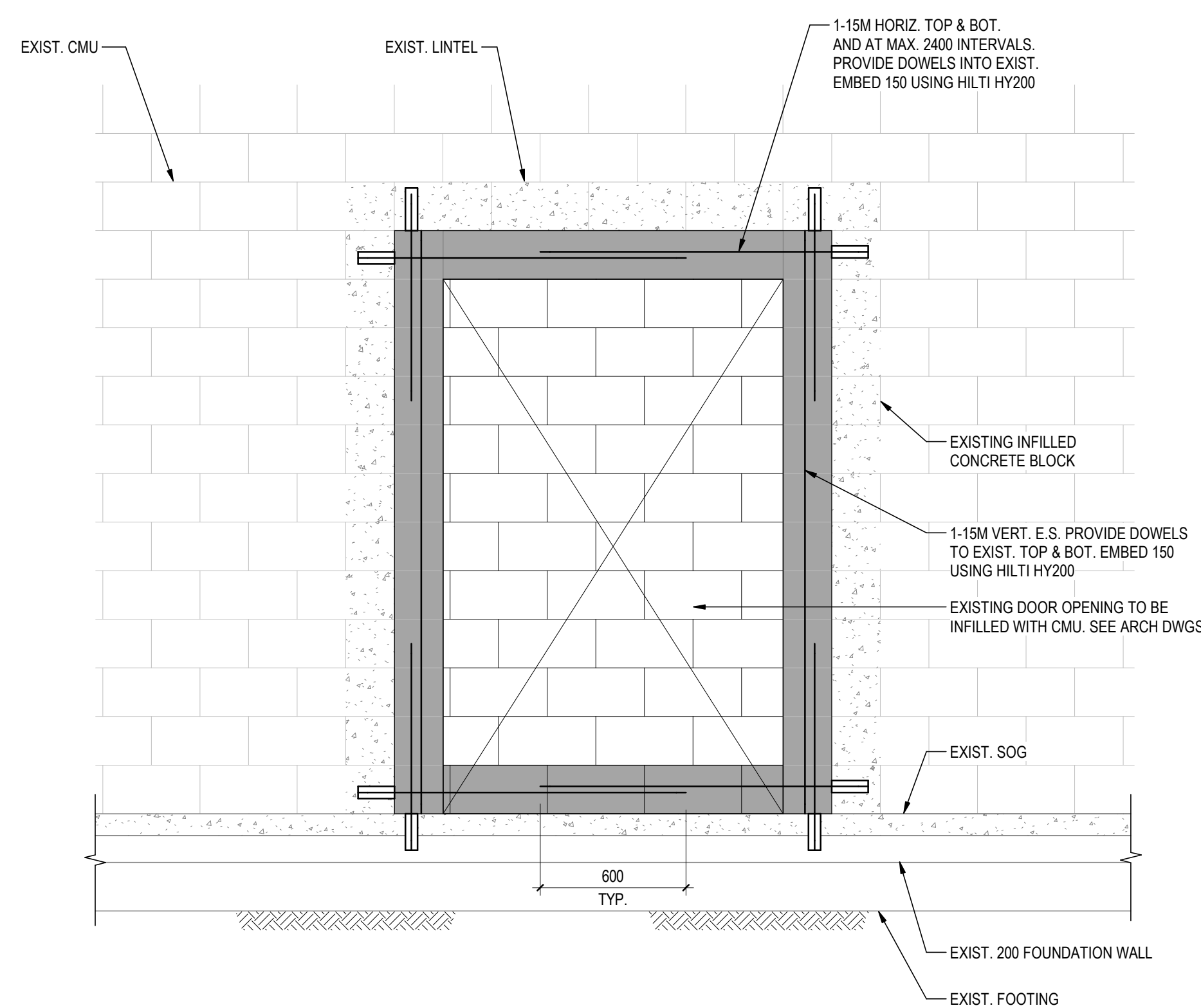
Project No. 115820075	Scale As indicated
Revision C	Drawing No. S-501



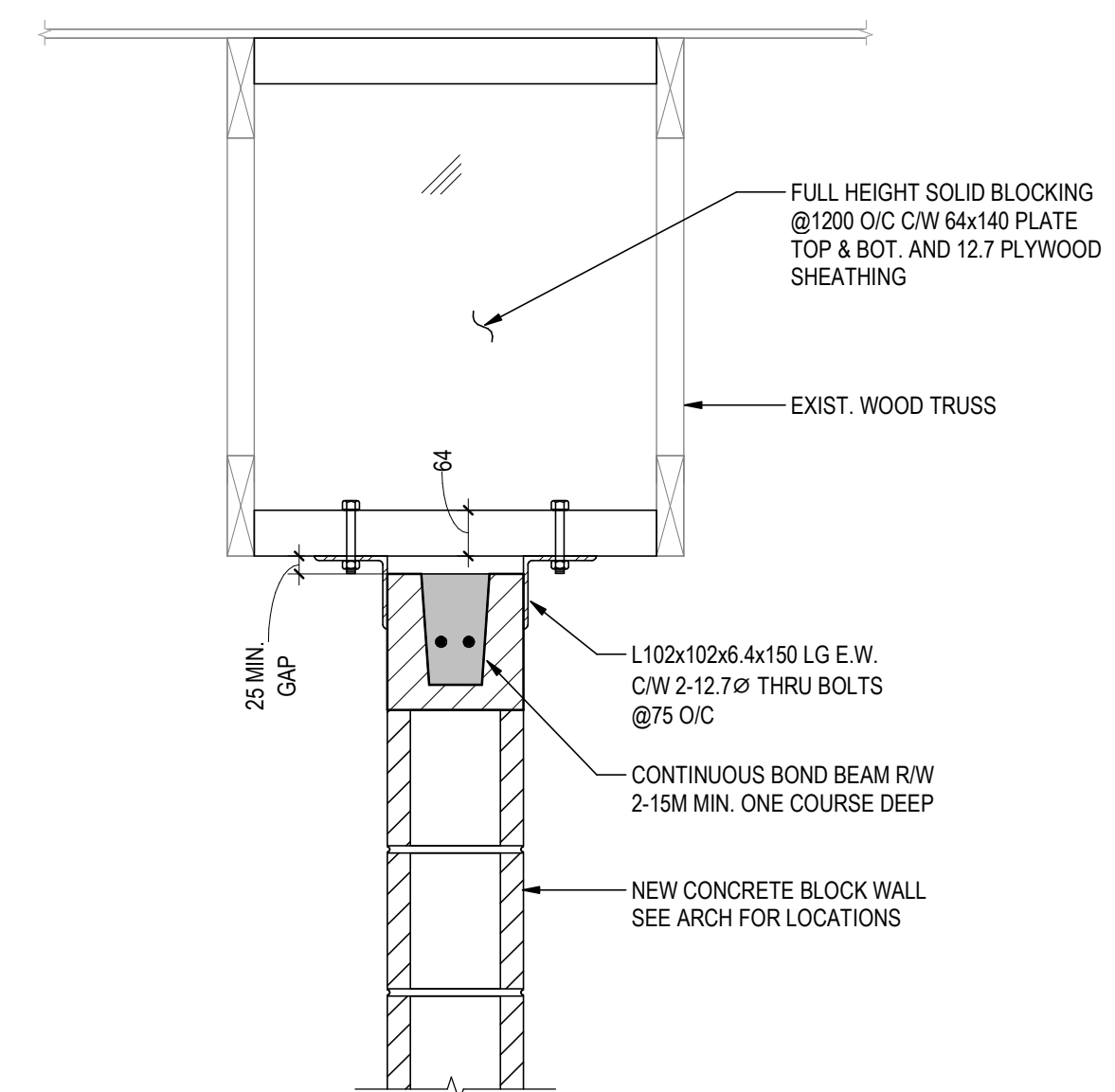
1 NEW OPENING IN EXISTING BLOCK WALL DETAIL 1
S-502 1:25



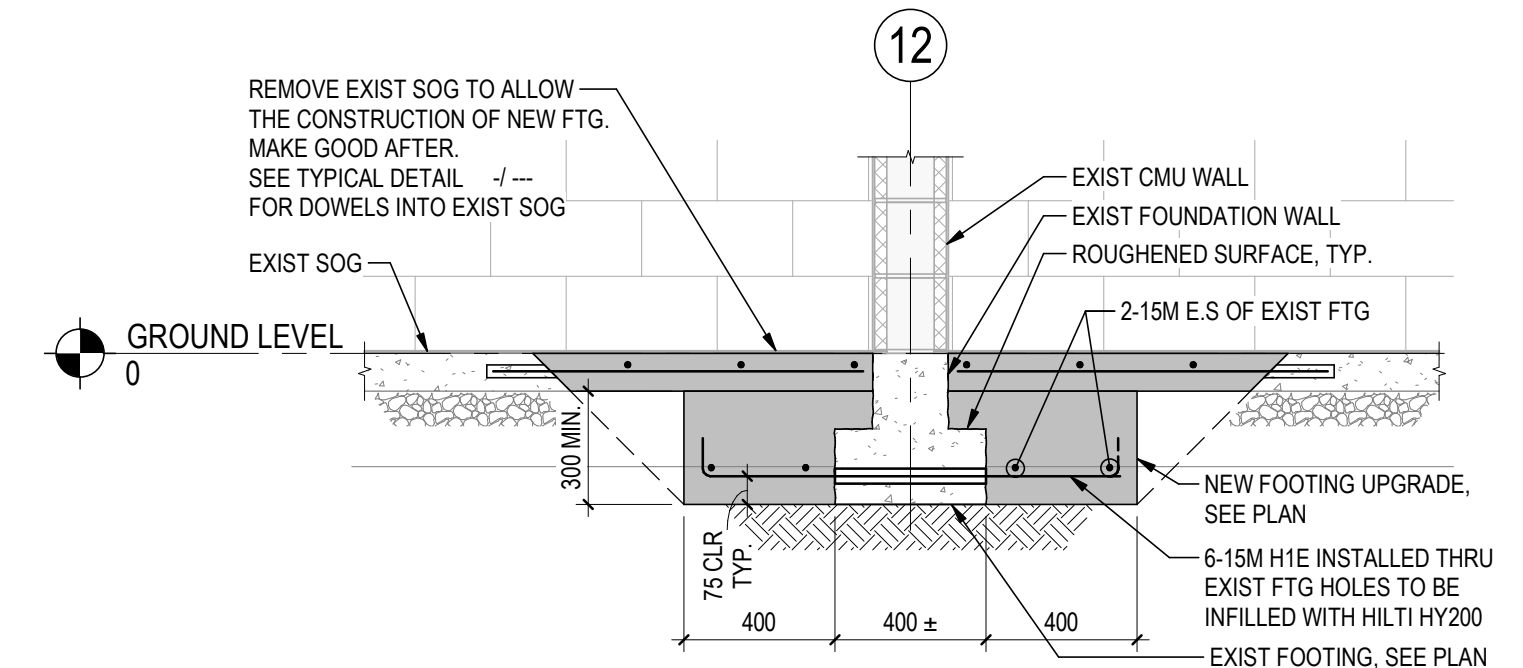
2 NEW OPENING IN EXISTING BLOCK WALL DETAIL 2
S-502 1:25



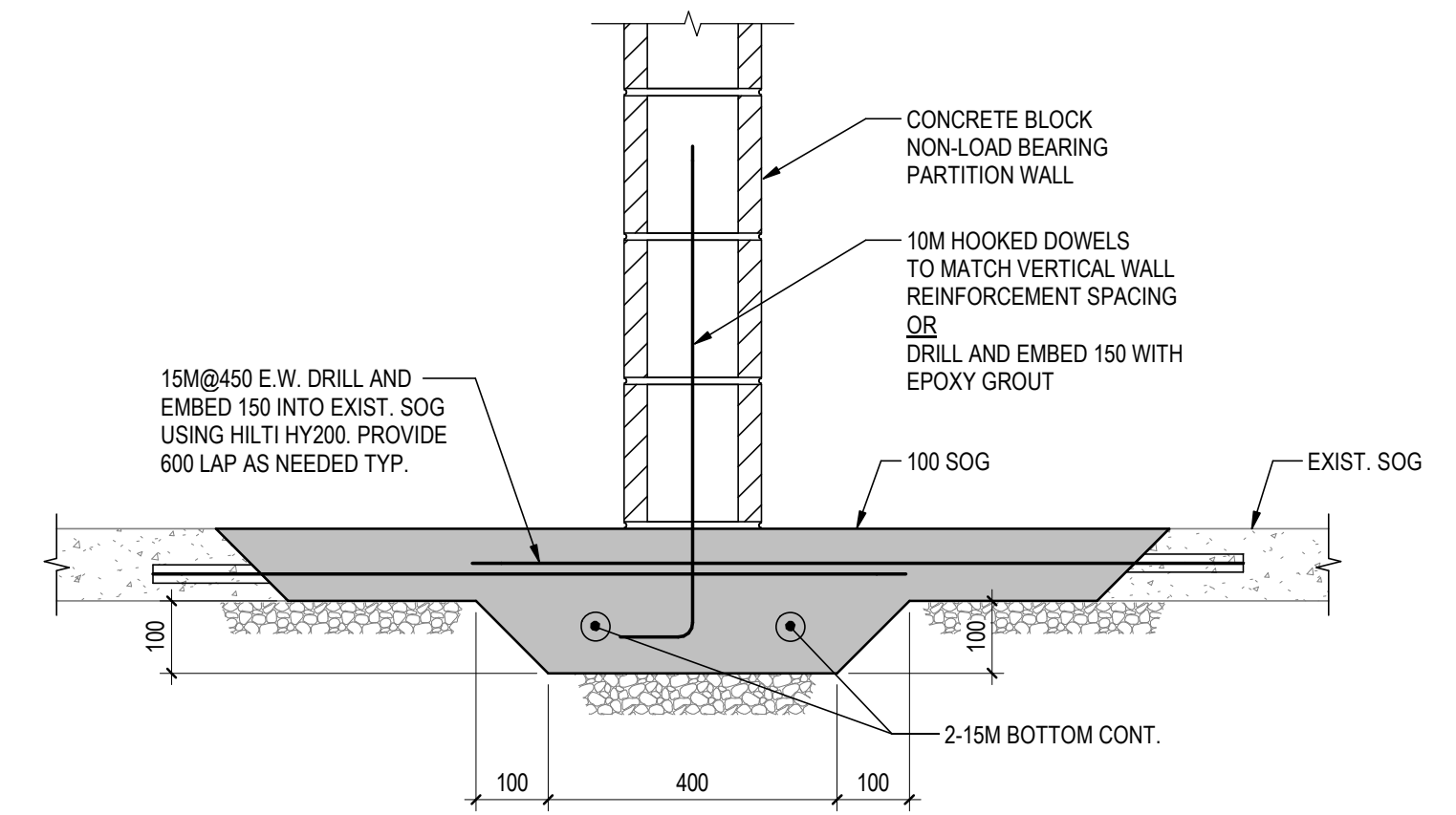
3 EXISTING BLOCK WALL OPENING INFILL DETAIL
S-502 1:20



4 LATERAL SUPPORT FOR NON-LOAD BEARING CONCRETE BLOCK WALL
S-502 1:10



6 SECTION
S-502 1:20



5 SECTION
S-502 1:10

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C	ISSUED FOR RFP	AD	AH	2024.11.01
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Title
TYPICAL DETAILS AND SECTIONS

Project No.	Scale
115820075	As Indicated
Revision	Drawing No.
C	S-502