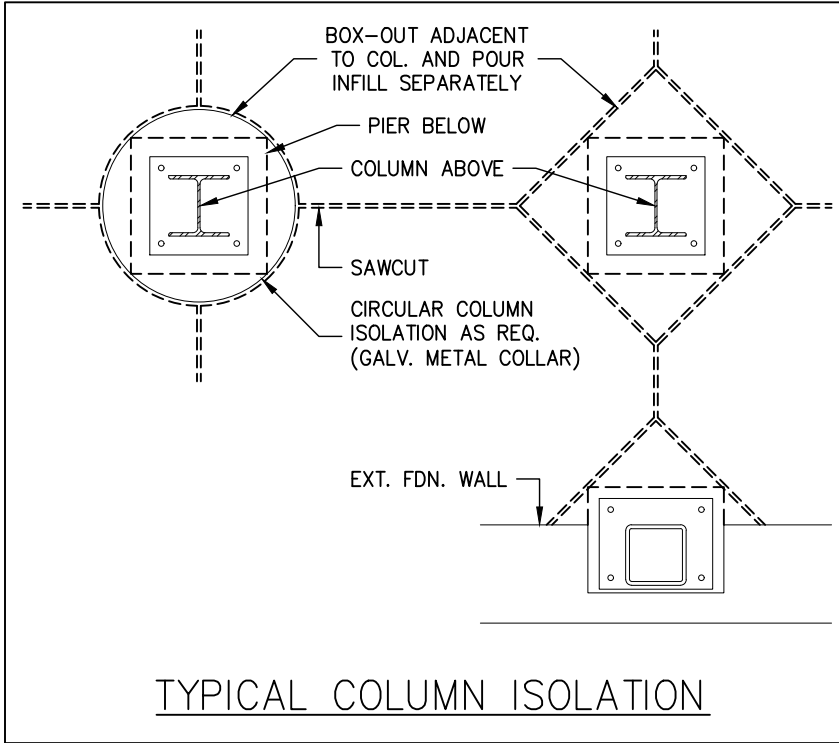
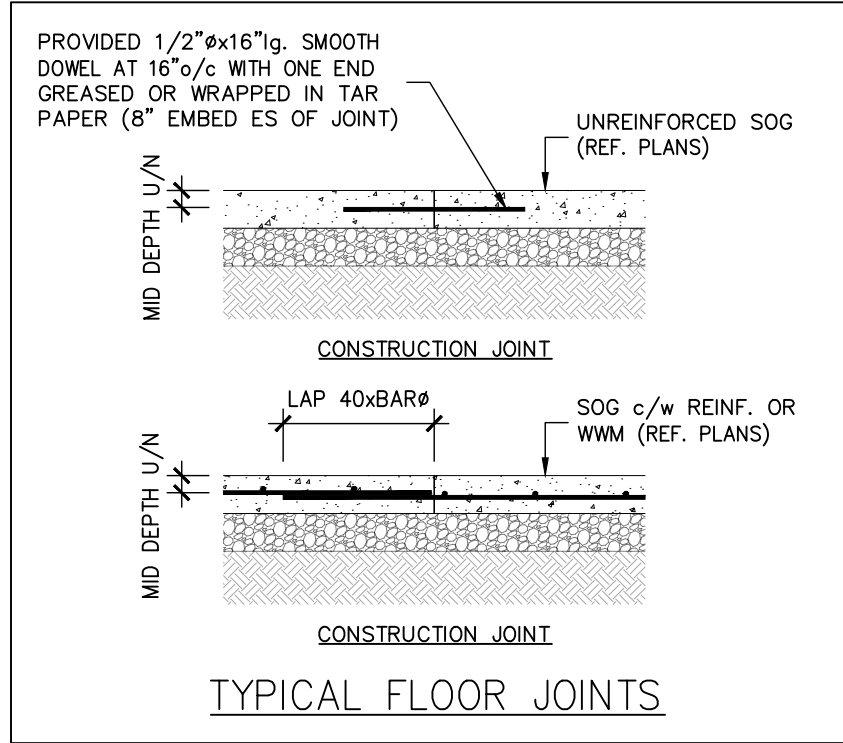


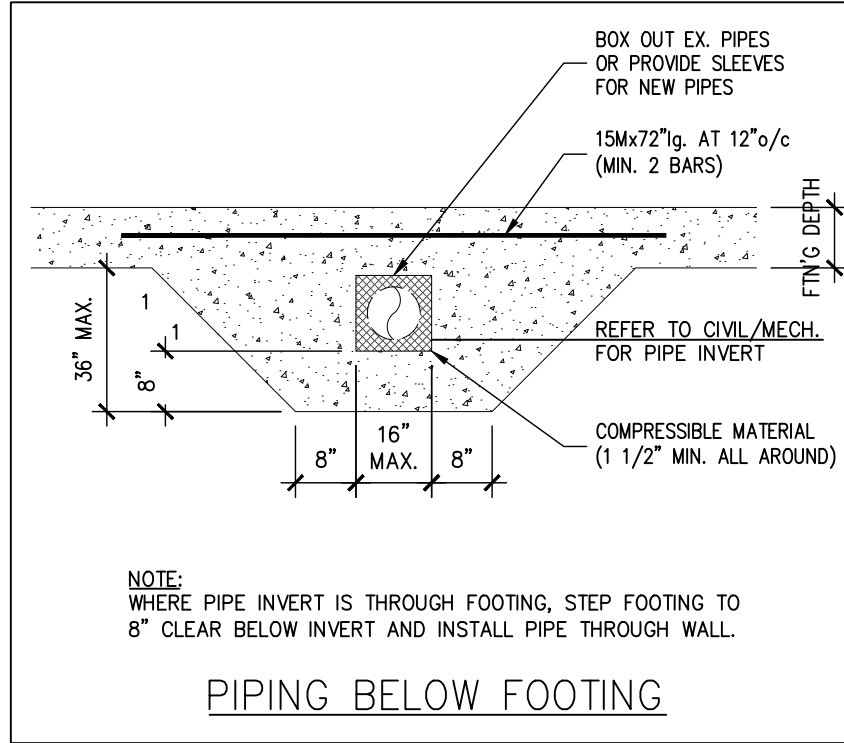
TYPICAL SAWCUT CONTROL JOINTS



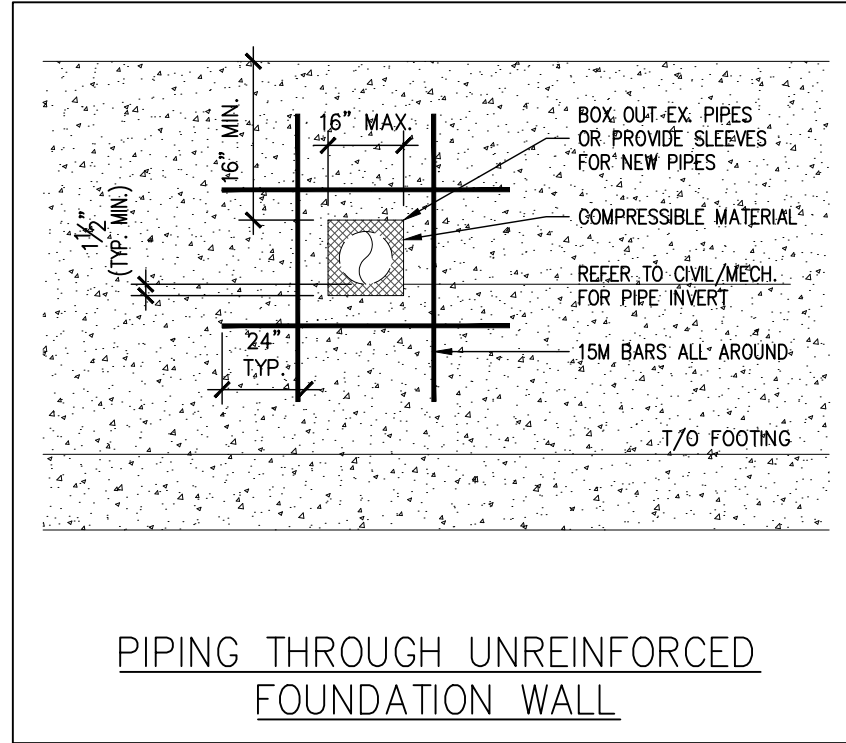
TYPICAL COLUMN ISOLATION



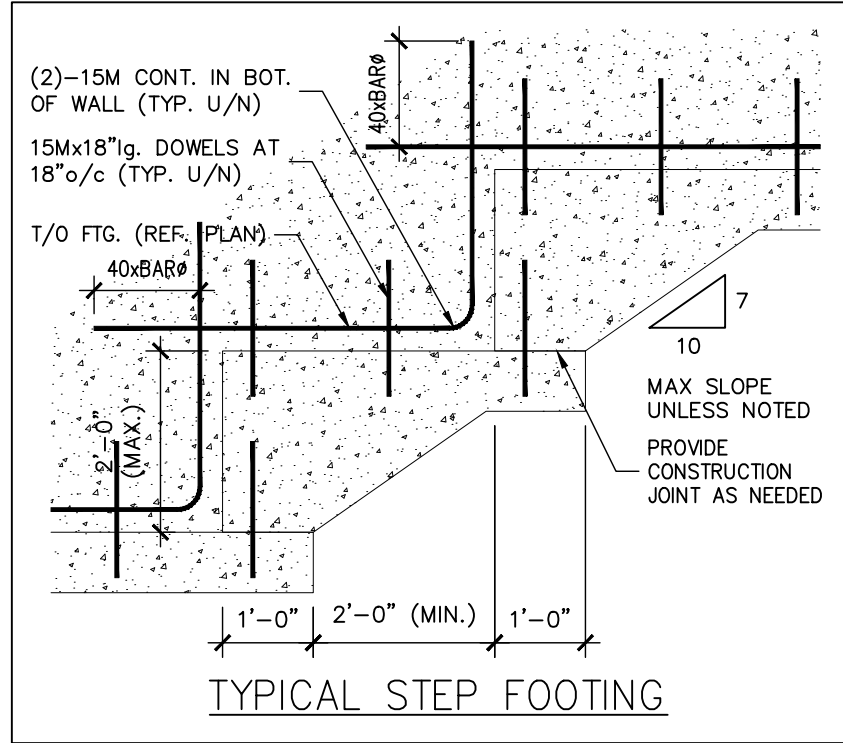
TYPICAL FLOOR JOINTS



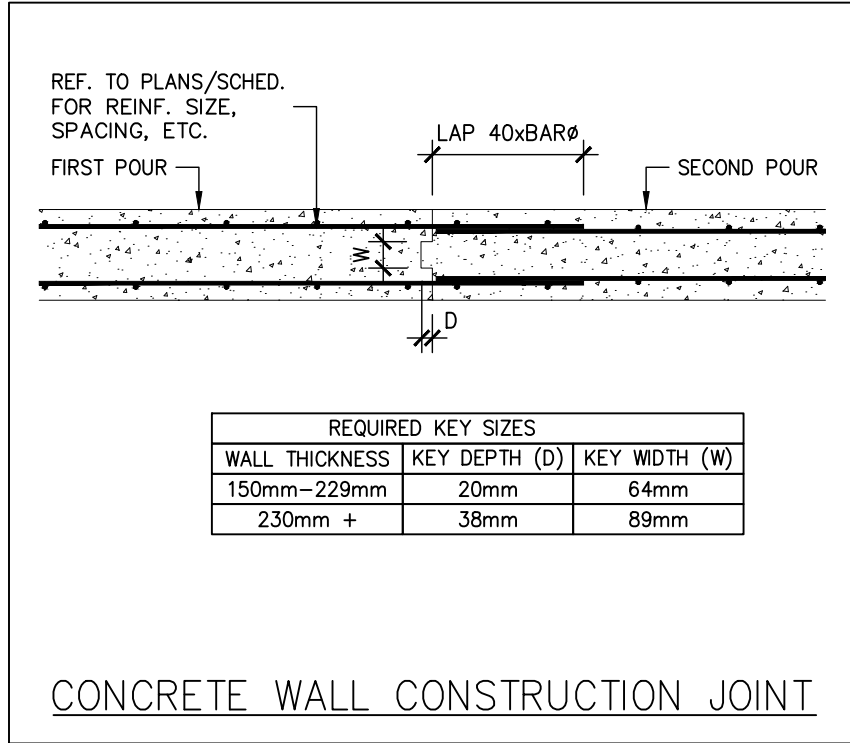
PIPING BELOW FOOTING



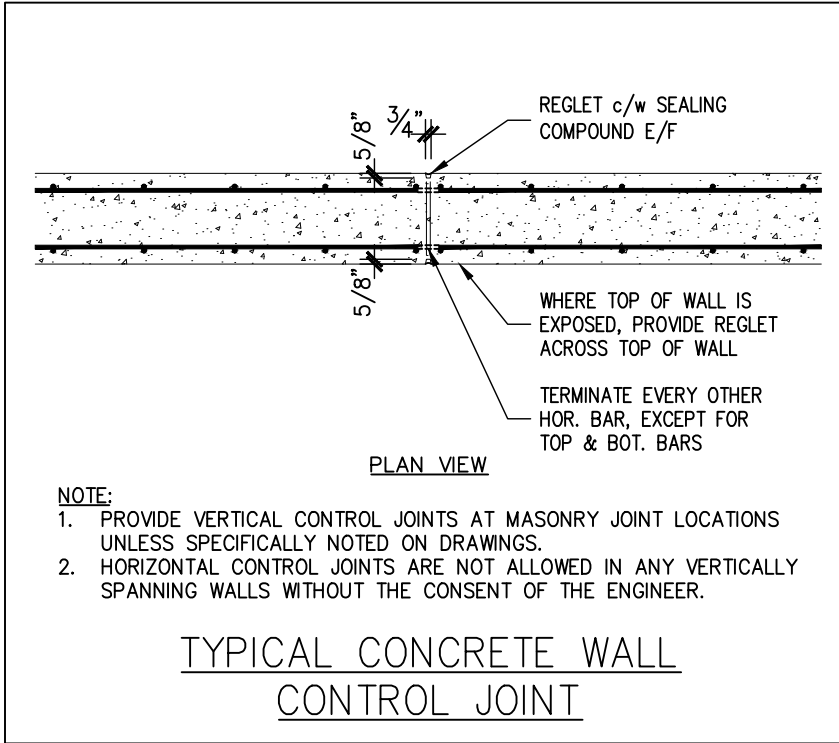
PIPING THROUGH UNREINFORCED FOUNDATION WALL



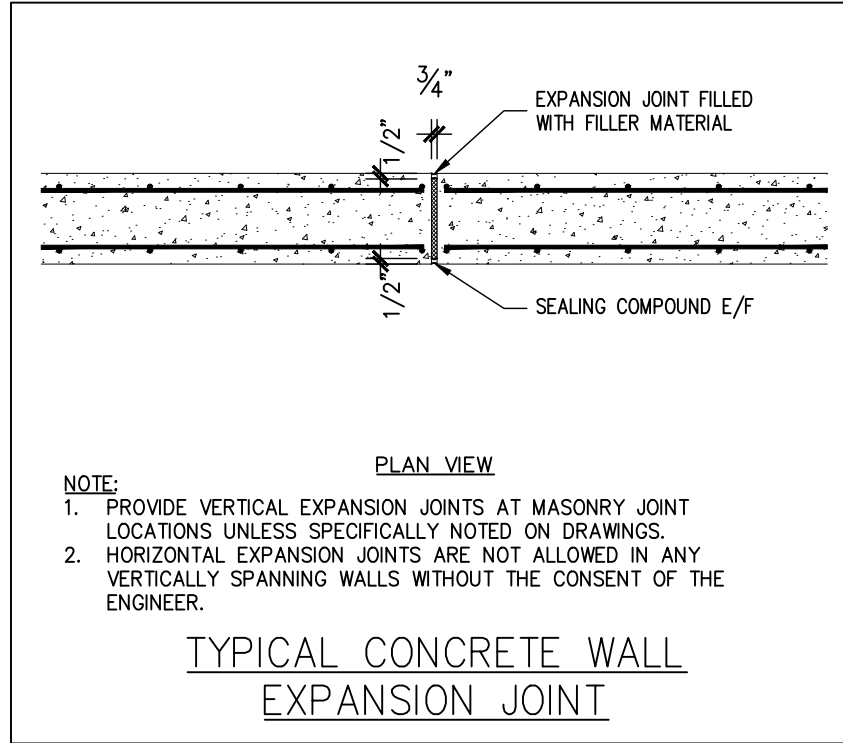
TYPICAL STEP FOOTING



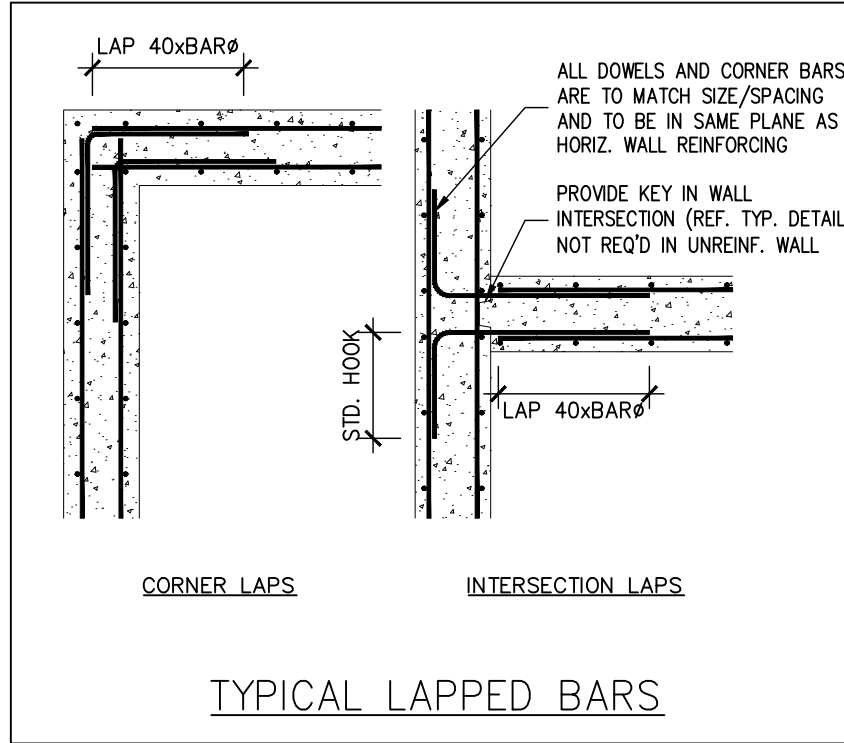
CONCRETE WALL CONSTRUCTION JOINT



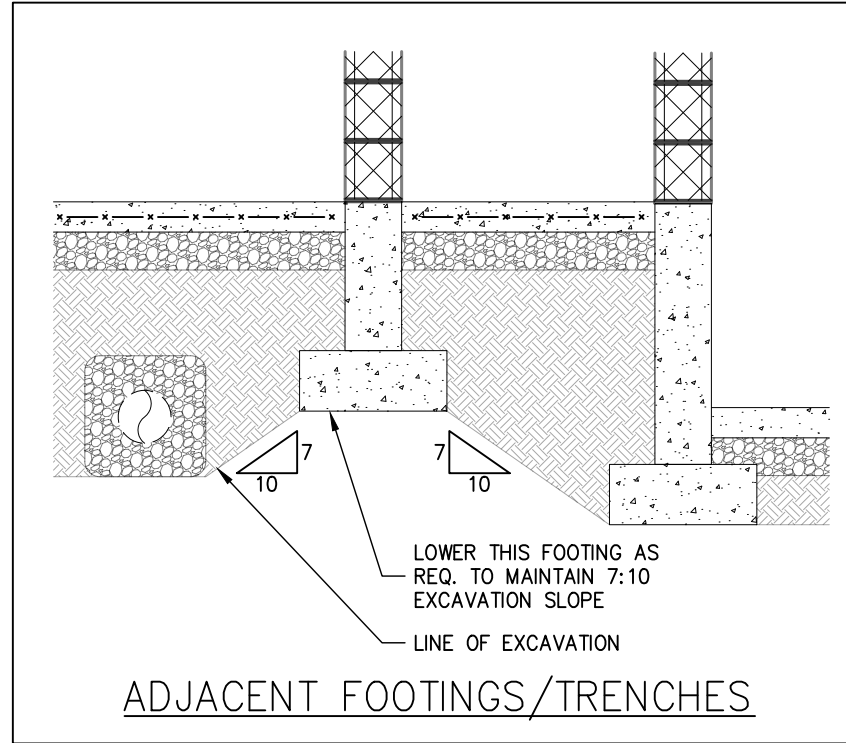
TYPICAL CONCRETE WALL CONTROL JOINT



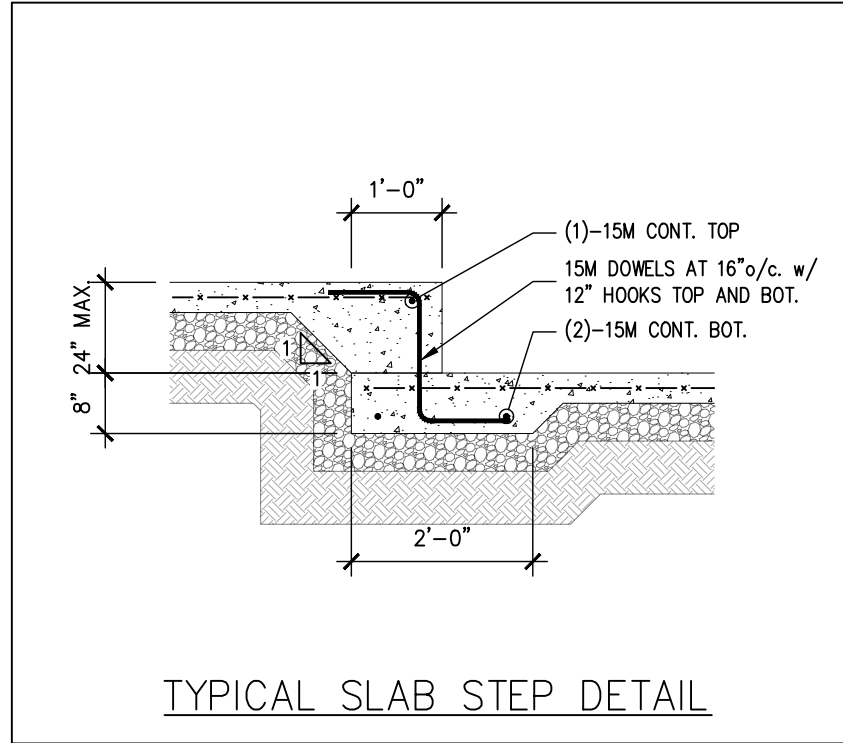
TYPICAL CONCRETE WALL EXPANSION JOINT



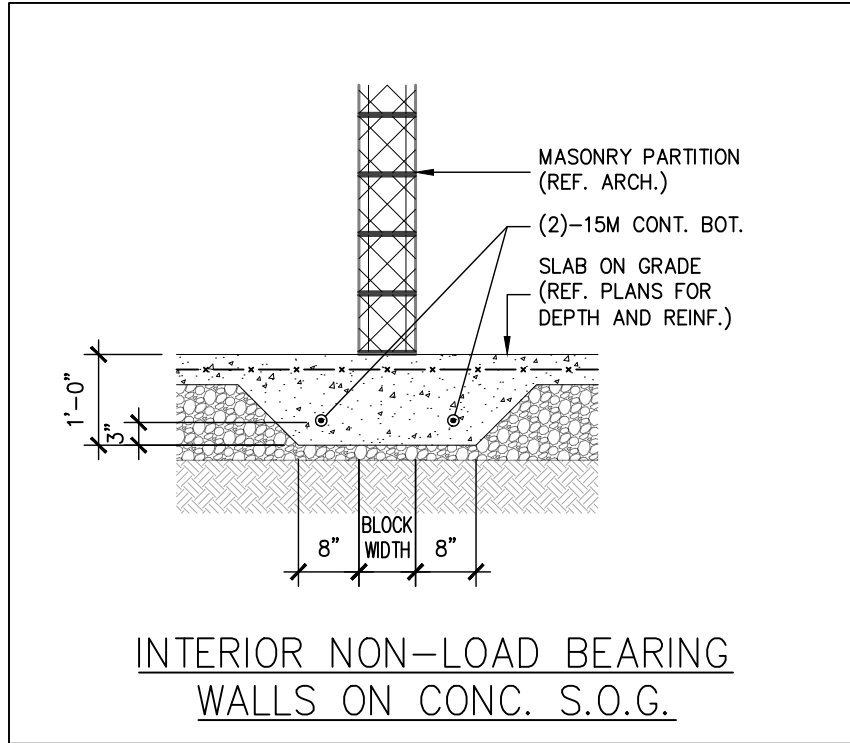
TYPICAL LAPPED BARS



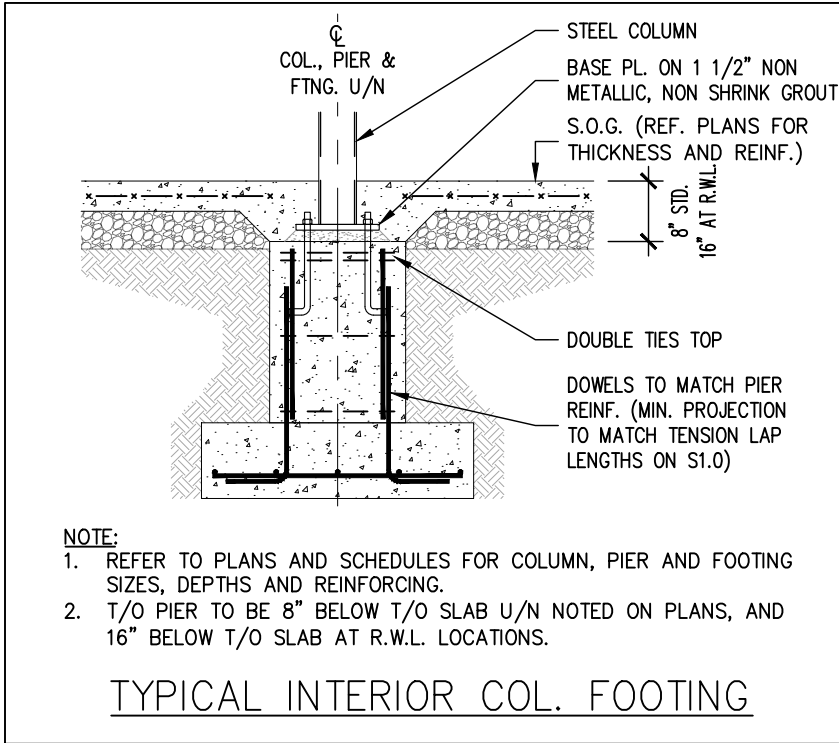
ADJACENT FOOTINGS/TRENCHES



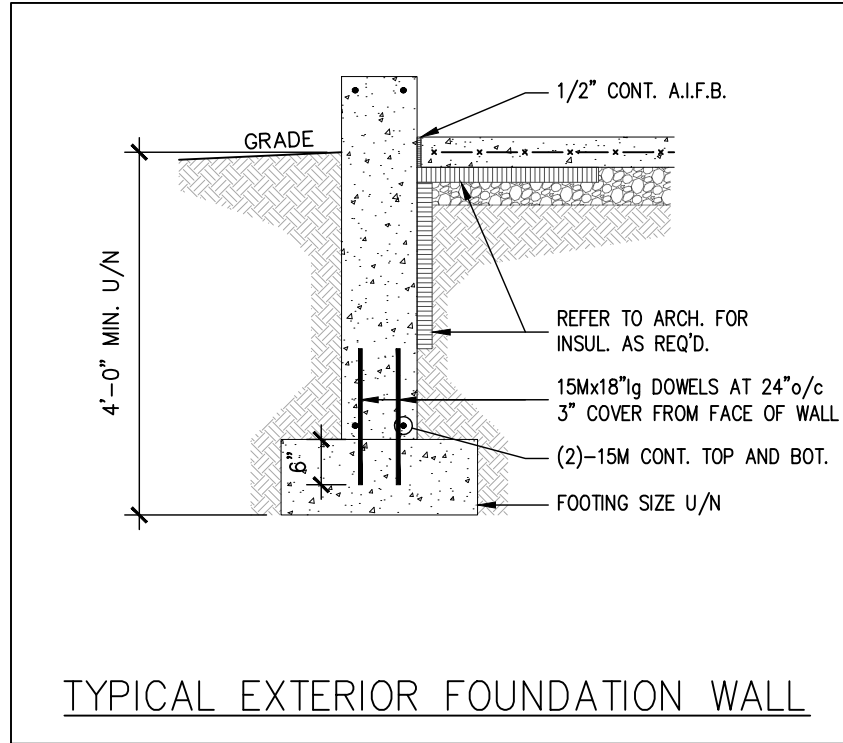
TYPICAL SLAB STEP DETAIL



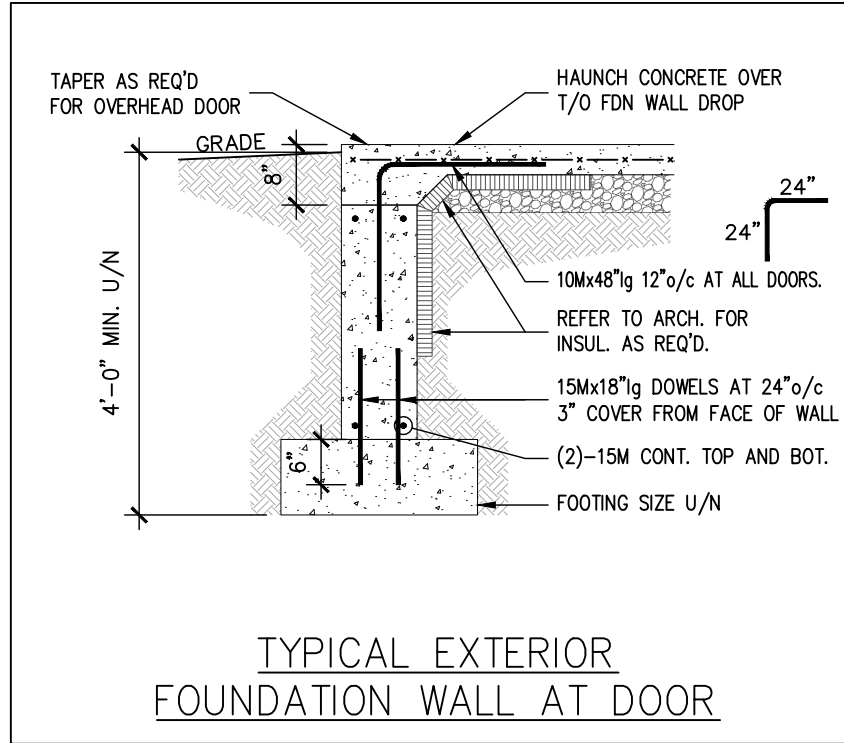
INTERIOR NON-LOAD BEARING WALLS ON CONC. S.O.G.



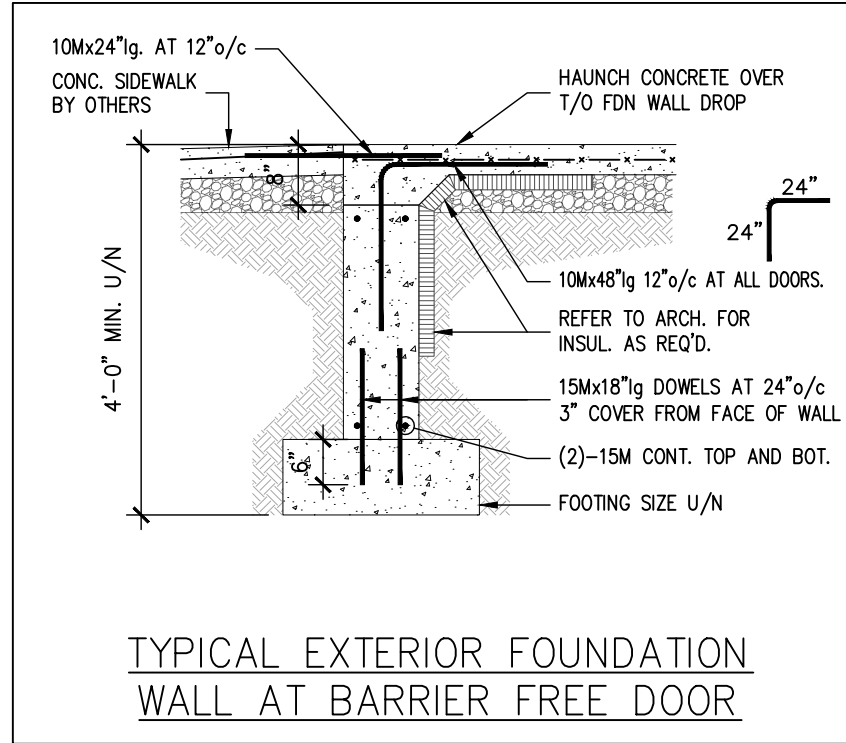
TYPICAL INTERIOR COL. FOOTING



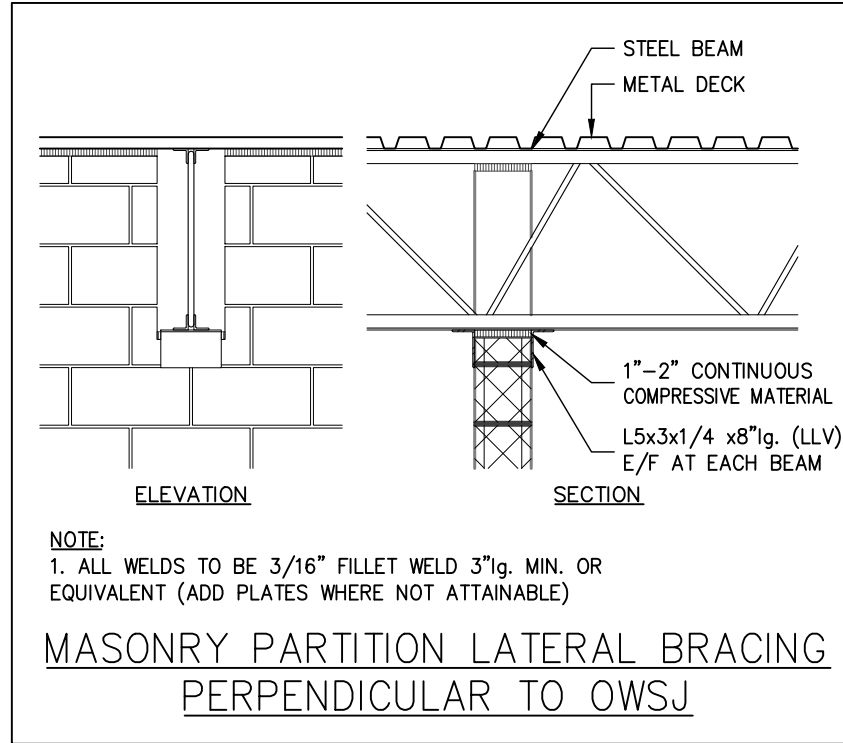
TYPICAL EXTERIOR FOUNDATION WALL



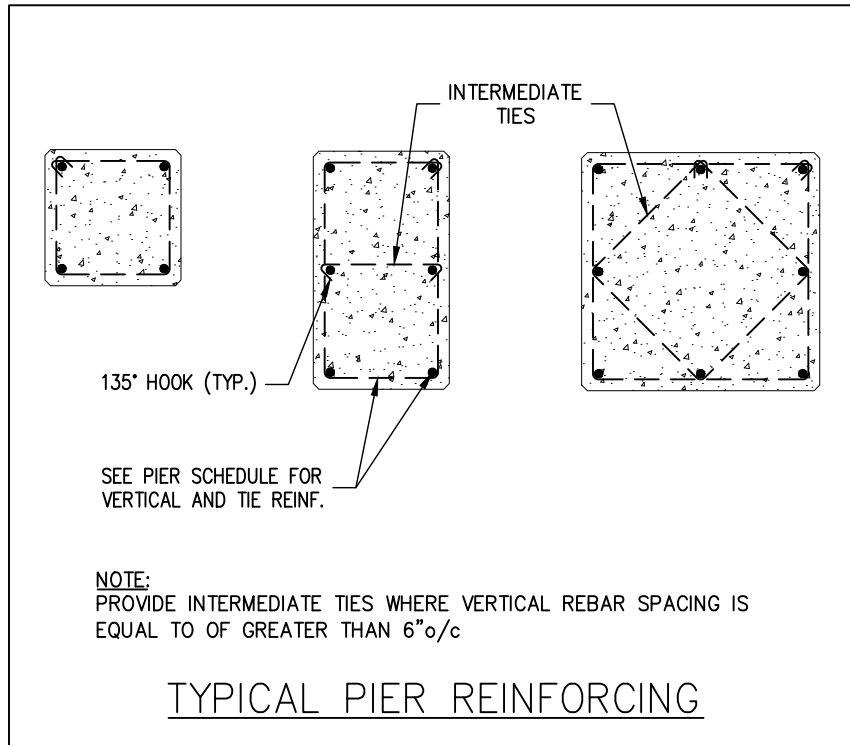
TYPICAL EXTERIOR FOUNDATION WALL AT DOOR



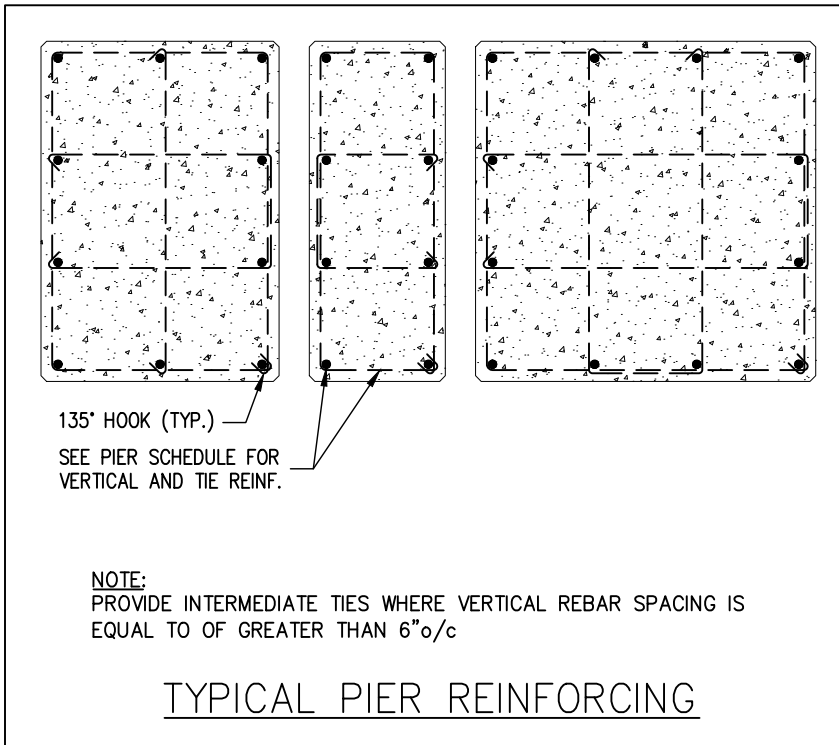
TYPICAL EXTERIOR FOUNDATION WALL AT BARRIER FREE DOOR



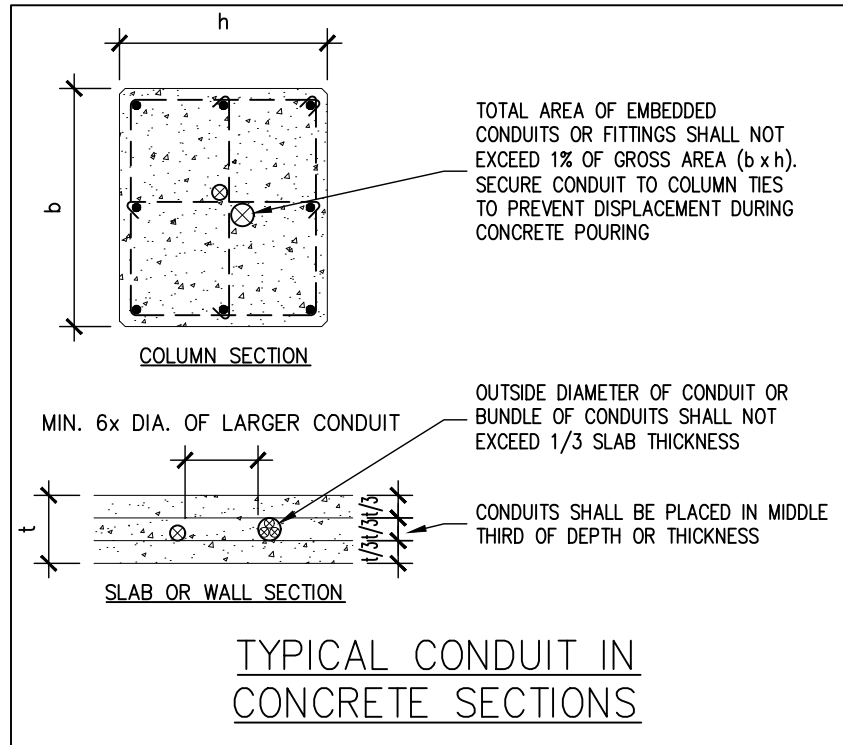
MASONRY PARTITION LATERAL BRACING PERPENDICULAR TO OWSJ



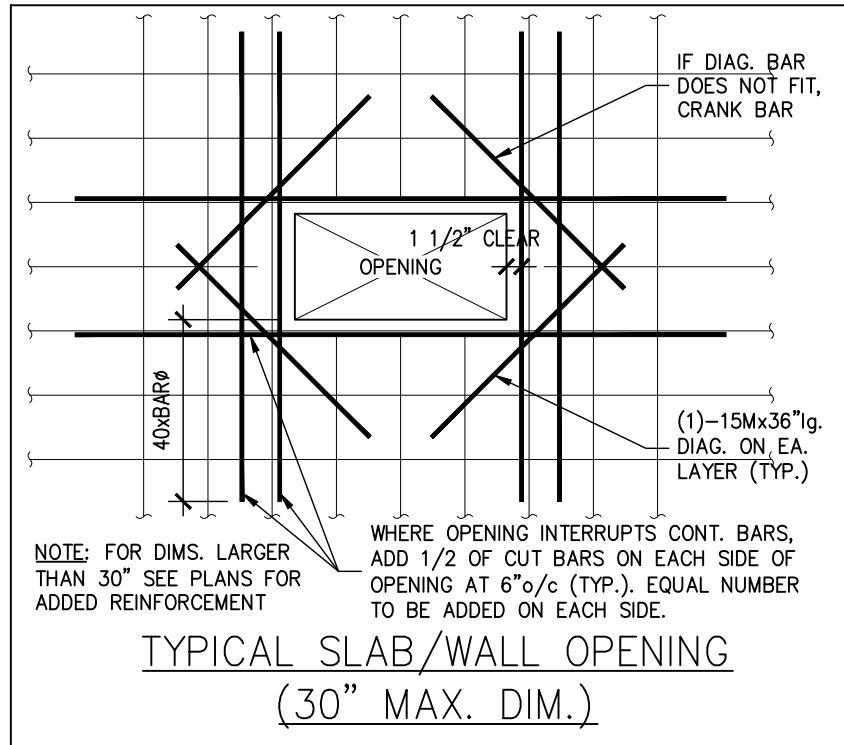
TYPICAL PIER REINFORCING



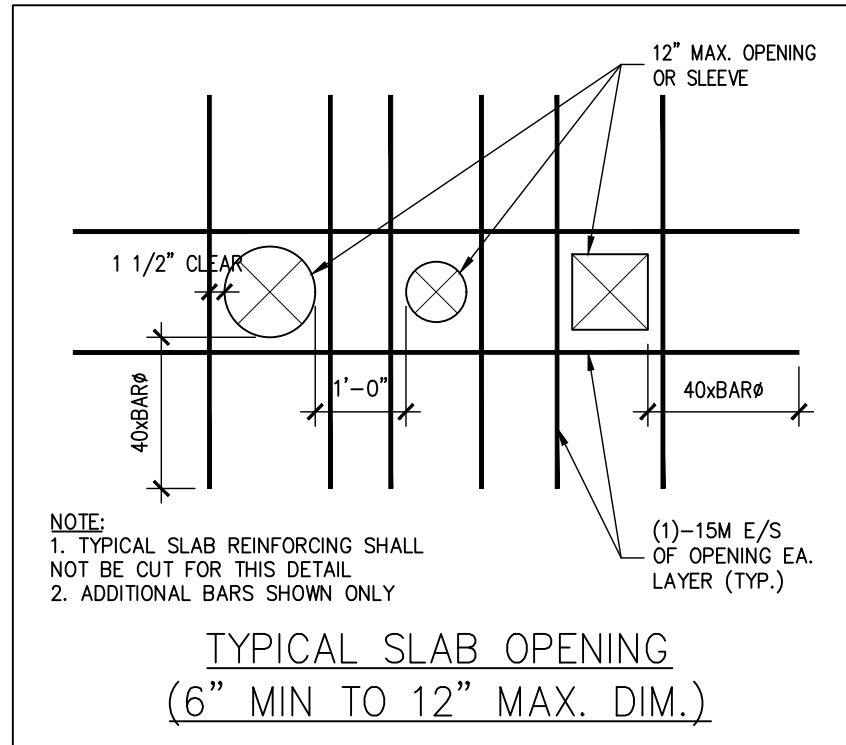
TYPICAL PIER REINFORCING



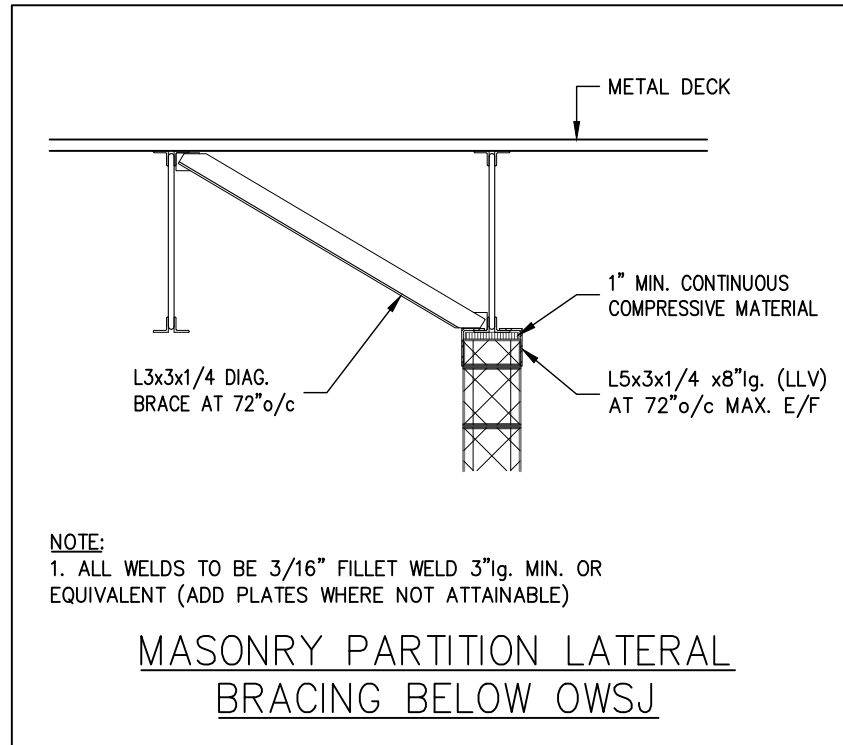
TYPICAL CONDUIT IN CONCRETE SECTIONS



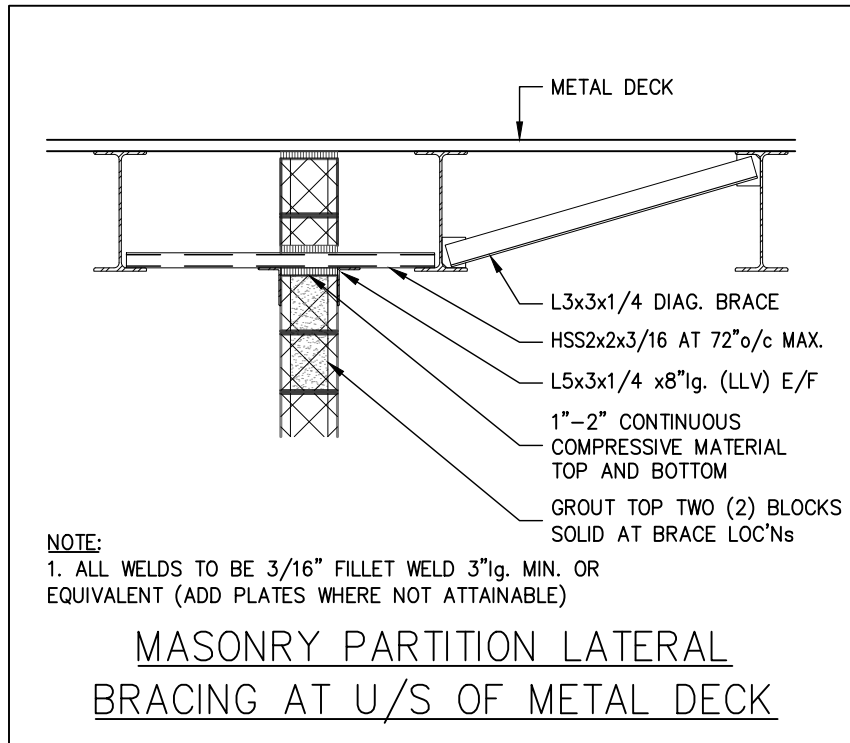
TYPICAL SLAB/WALL OPENING (30" MAX. DIM.)



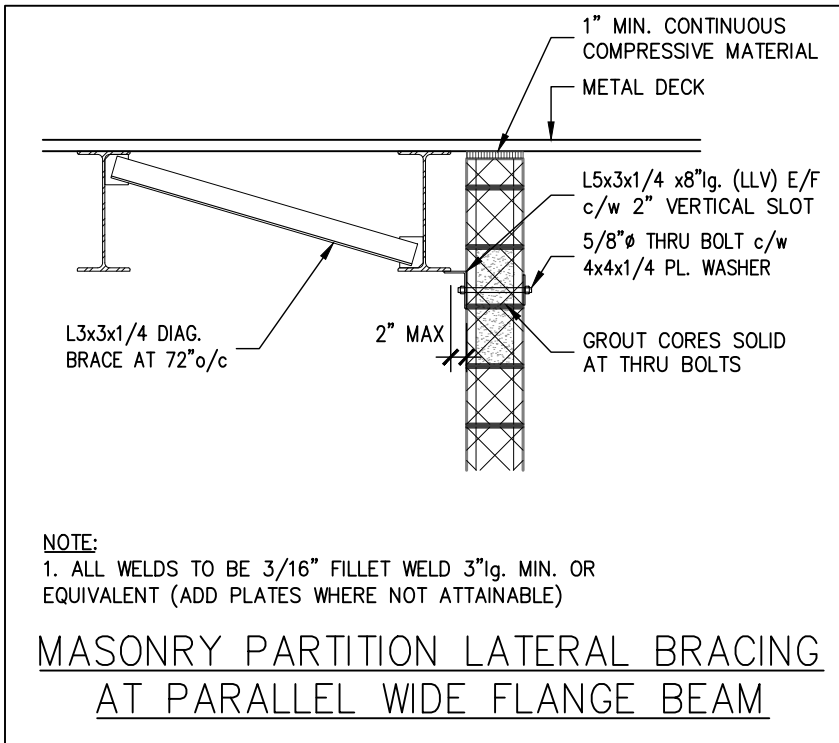
TYPICAL SLAB OPENING (6" MIN TO 12" MAX. DIM.)



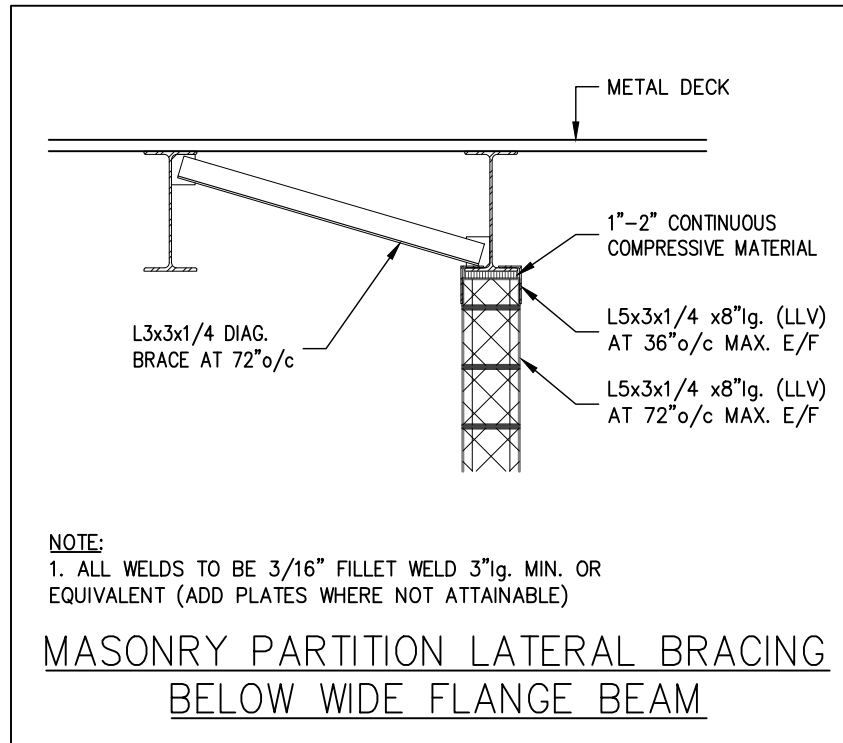
MASONRY PARTITION LATERAL BRACING BELOW OWSJ



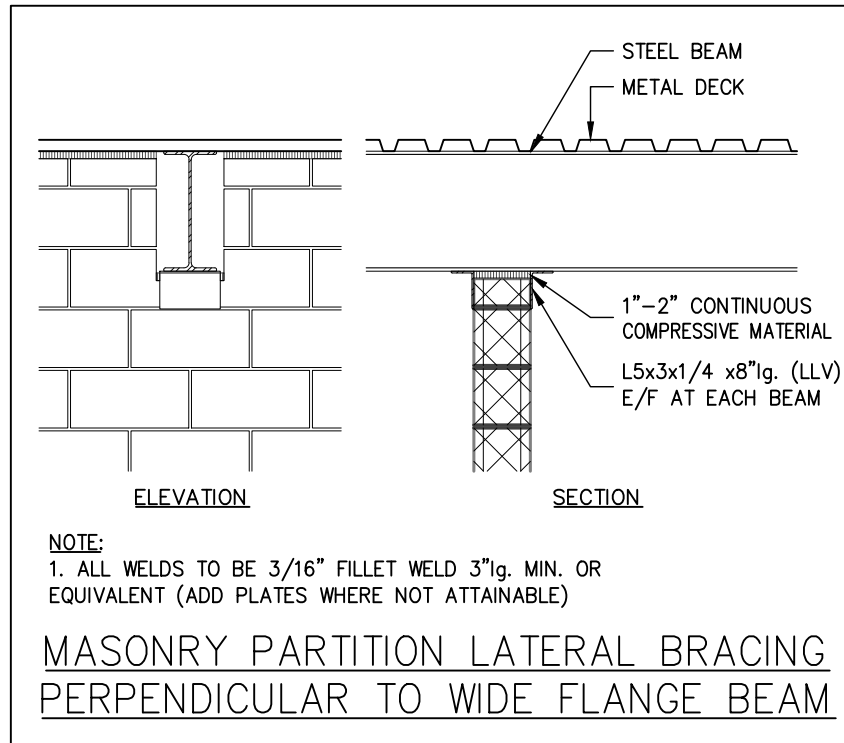
MASONRY PARTITION LATERAL BRACING AT U/S OF METAL DECK



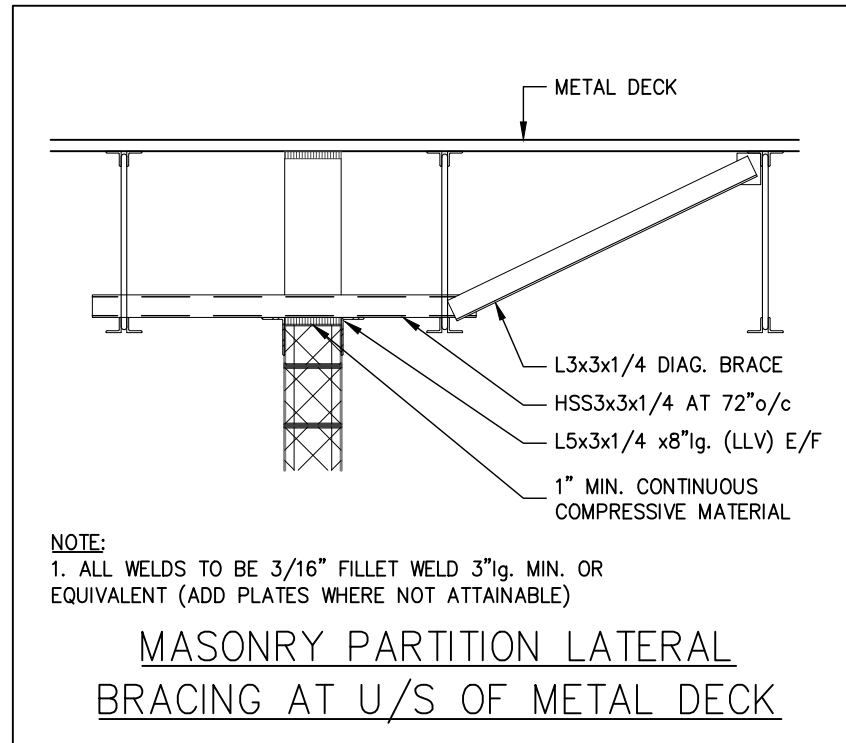
MASONRY PARTITION LATERAL BRACING AT PARALLEL WIDE FLANGE BEAM



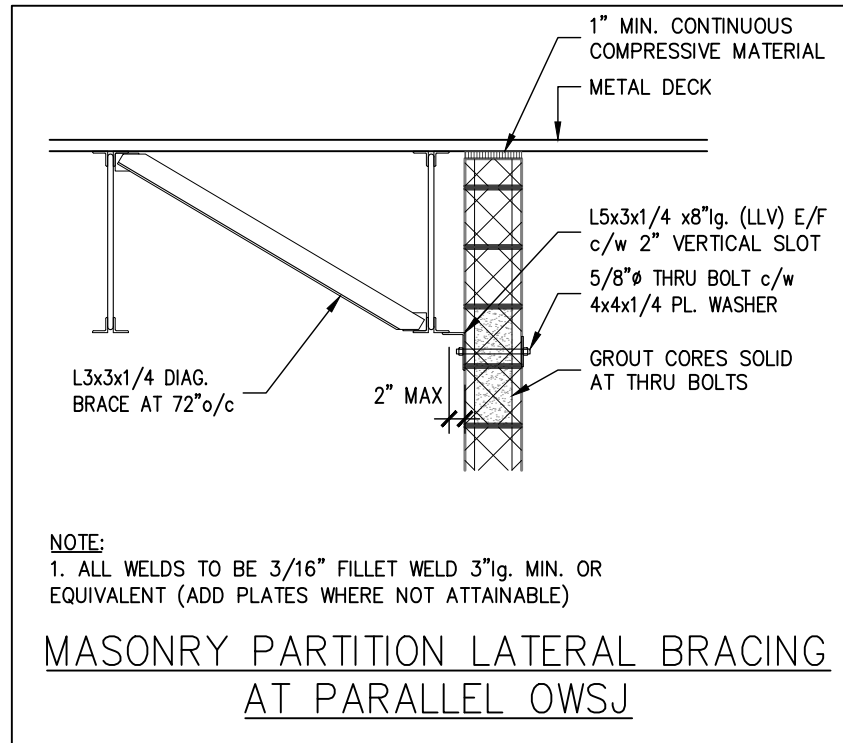
MASONRY PARTITION LATERAL BRACING BELOW WIDE FLANGE BEAM



MASONRY PARTITION LATERAL BRACING PERPENDICULAR TO WIDE FLANGE BEAM



MASONRY PARTITION LATERAL BRACING AT U/S OF METAL DECK



MASONRY PARTITION LATERAL BRACING AT PARALLEL OWSJ

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ISSUED FOR CLASS 'B' COST ESTIMATE	2	DEC 20/2024
ISSUED FOR 60% REVIEW	1	NOV 29/2024

MTE
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519-743-6500

PROFESSIONAL ENGINEER
P.A. SLATER
90379660
2025-07-04
PROVINCE OF ONTARIO

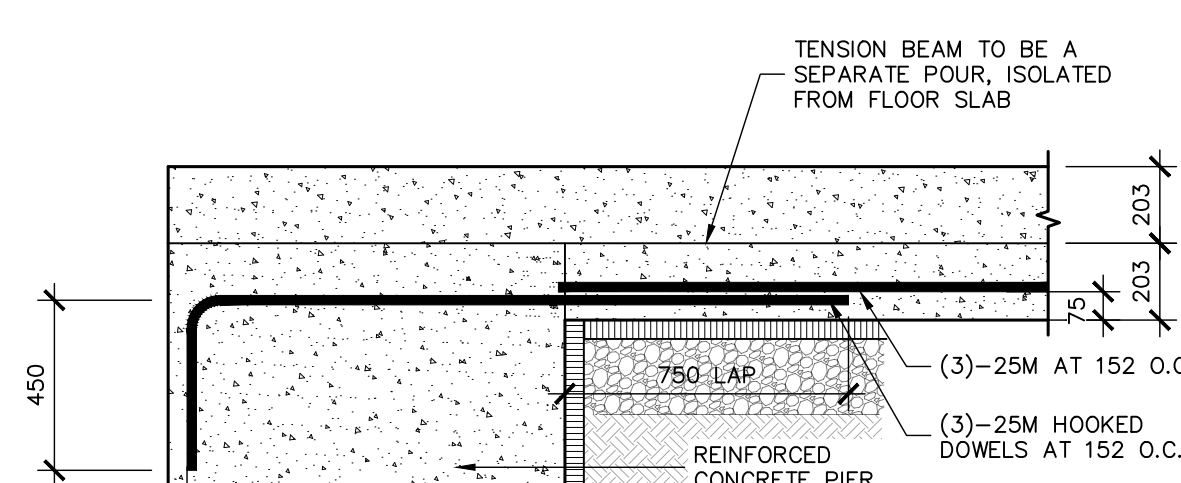
COUNTY OF Brant Simply Grand

PROJECT NO. CPS-RFT-25-03

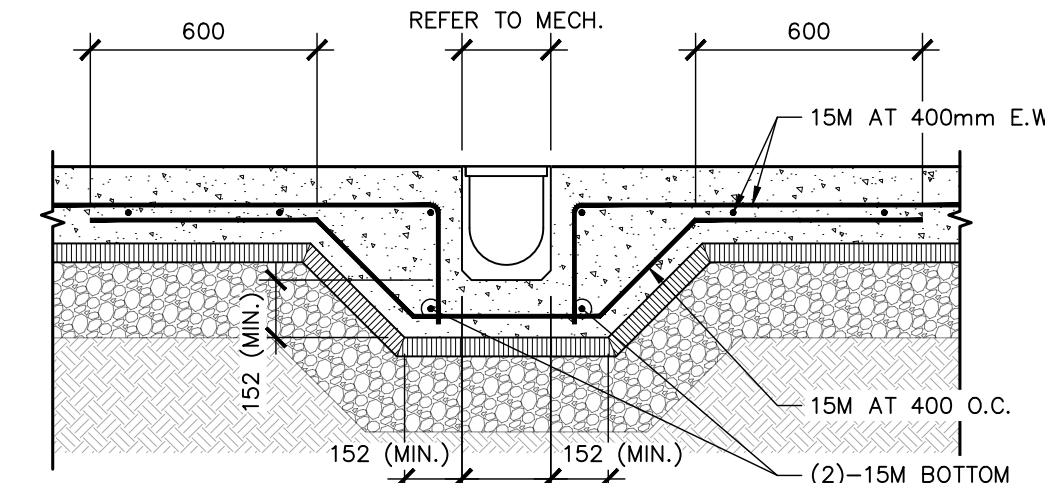
NORTH PARIS FIRE STATION
21 ANN WILSON WAY (SCOTT AVE)

CONSTRUCTION DETAILS

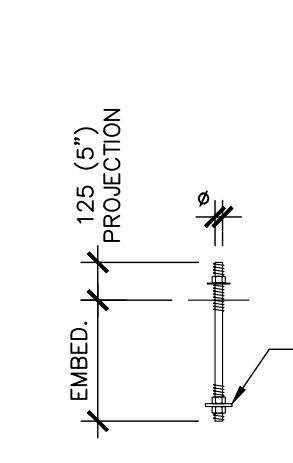
Project Manager	PAS	Date	NOV 2024
Design By	PAS	Project No.	55275-100
Drawn By	STD	Drawing No.	S1.1
Scale	NTS		



(S2.0) TENSION GROUND BEAM



(S2.0) TRENCH DRAIN



STRAIGHT
ANCHOR DETAIL



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XXXX DENOTES T/O FOUNDATION OR PIER ELEVATION

CONCRETE PIER SCHEDULE

NOTES:

1. PIERS TO BE CENTRED AT INTERSECTION OF GRID LINES, BELOW COLUMNS UNLESS NOTED
2. PROVIDE MINIMUM 40mm (1 1/2") CLEAR COVER FOR REBAR.
3. PROVIDE DOUBLE TIES AT TOP AND BOTTOM OF PIER.
4. PIERS TO BE POURED MONOLITHICALLY WITH WALLS.

NOTES:

1. ALL STRIP FOOTINGS ARE 200 THICK, WIDTH TO BE WALL THICKNESS + 150mm EXTENSION EACH SIDE. REFER TO TYPICAL FOUNDATION WALL SECTION ON S1.1
2. FOOTINGS TO BE CENTRED AT INTERSECTION OF GRID LINES, BELOW COLUMNS, PIERS AND WALLS UNLESS NOTED.
3. PROVIDE MINIMUM 75mm (3") CLEAR COVER FOR REBAR, VERTICAL AND HORIZONTAL.
4. PROVIDE DOWELS IN FOOTING, SIZE AND NUMBER TO MATCH PIER, COLUMN AND WALL REINFORCING.
5. LAP LONGITUDINAL BARS WITH INTERSECTING FOOTINGS.

NOTES:

1. PROVIDE MINIMUM 25mm (1") CLEAR COVER FOR REBAR UNLESS NOTED.
2. PROVIDE 60mm (2 3/8") CLEAR COVER TO VERTICAL REBAR FOR WALLS EXPOSED IN PARKING AREA.
3. WHERE BARS IN FOUNDATION ARE INTERRUPTED AT PIERS, PROVIDE SECOND BARS BELOW TOP OF PIER, PROVIDE 600 LAP.
4. PROVIDE 150mm (6") CLEAR WALLS ABOVE TO MATCH BLOCK WALL REINFORCEMENT.
5. EXTEND AND SPLICE REINFORCEMENT INTO CONCRETE WALLS ABOVE.
6. PROVIDE HORIZONTAL HAIRPINS IN ENDS OF WALLS, SIZE AND SPACING TO MATCH SPECIFIED HORIZONTAL WALL REINFORCEMENT.
7. PROVIDE CONTINUOUS 25mm (1") CHAMFERS ALONG ALL EXPOSED CORNERS.

NOTES:

1. PROVIDE MINIMUM 40mm (1 1/2") EDGE DISTANCE.
2. PROVIDE 40mm (1 1/2") THICK GROUT BELOW BASE PLATE TO TOP OF CONCRETE.
3. PROVIDE ASTM A307 THREADED ANCHOR BOLTS WITH ASTM A563 GRADE 'A' HEAVY HUX NUT AND WASHER.

ISSUED FOR TENDER	7	JULY 9/20
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ISSUED FOR BUILDING PERMIT	5	MAY 20/21
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ISSUED FOR CLASS 'A' COST ESTIMATE	3	FEB 14/20
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ISSUED FOR 60% REVIEW	1	NOV 29/20



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COUNTY OF
Brant Simply Grand

COUNTY PROJECT NO. CPS-RFT-25-03

PROJECT

**NORTH PARIS
FIRE STATION**

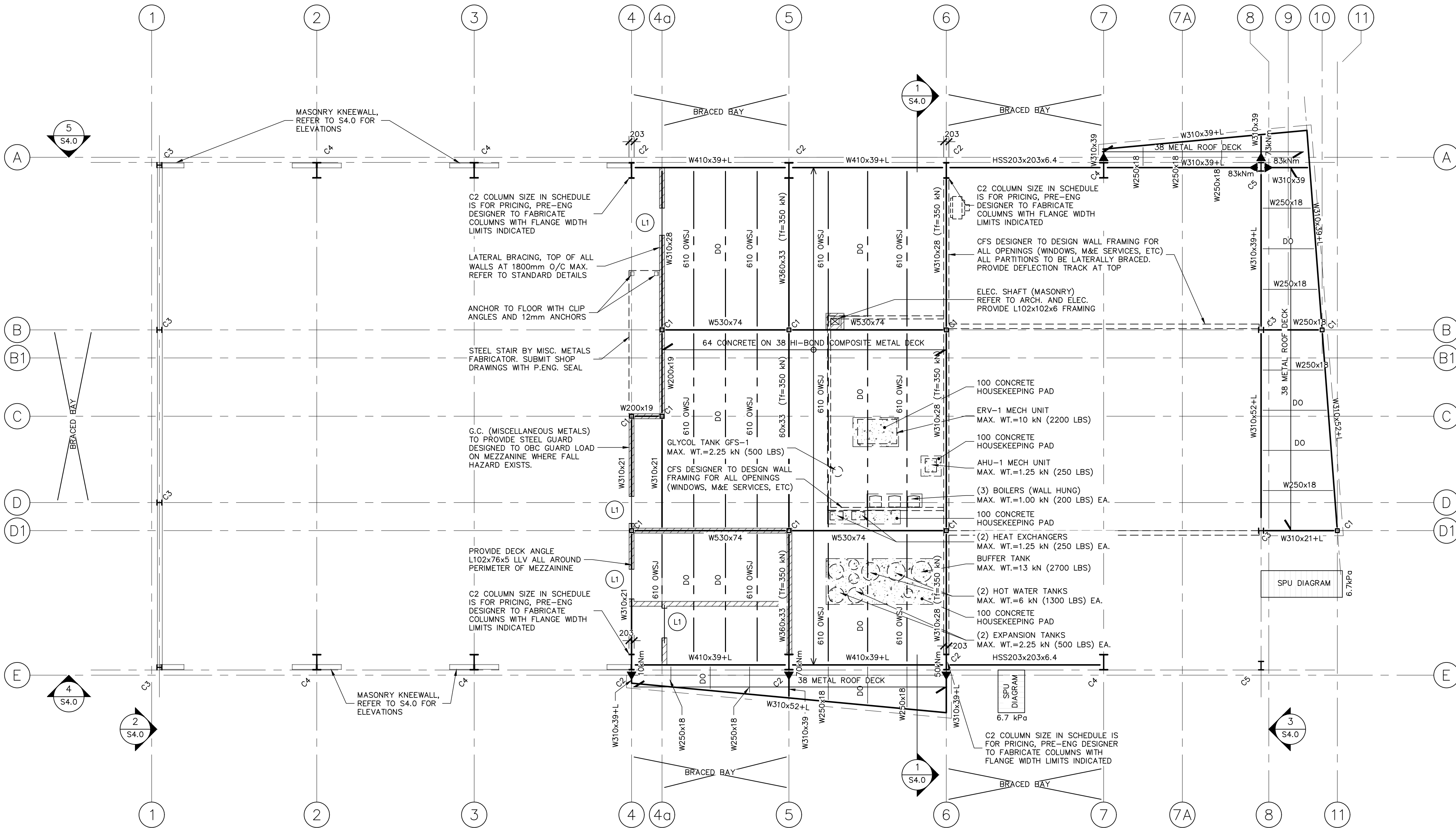
21 ANN WILSON WAY
(SCOTT AVE)

DRAWING

FOUNDATION PLAN

Project Manager	PAS	Date	NOV 2024
Design By	PAS	Project No.	55275-100
Drawn By	STD	Drawing No.	S2.0
Scale	1:100		

MTE FILE NO. 55275-100-S3.0
P:\P\55275\100\55275-100 STRU.dwg



MEZZANINE FRAMING PLAN

- NOTES FOR PRE-ENG BUILDING DESIGNER 1:100
1. LIMIT BUILDING DRIFT TO H/500 PER OBC 4.1.3.5.(3).
 2. BUILDING SHALL BE DESIGNED FOR LATERAL DEFLECTION DUE TO SEISMIC E PER OBC 4.1.3.5.(5).
 3. BUILDING SHALL SATISFY THE DEFLECTION AND DRIFT LIMITS AS PER OBC 4.1.8.13.
 4. BUILDING SHALL SATISFY ALL APPLICABLE REQUIREMENTS OF OBC 2024 PART 4 INCLUDING 4.1.8.23.

MEZZANINE FLOOR DESIGN LOADS

- | | |
|--------------------------|---------|
| 1. COMPOSITE METAL DECK: | 1.8 kPa |
| OWS: | 0.2 kPa |
| MECH/ELEC ALLOW: | 0.8 kPa |
| PARTITIONS: | 1.0 kPa |
| SUSPENDED CEILING: | 0.4 kPa |
| SDL: | 0.2 kPa |
| DEAD LOAD: | 4.4 kPa |
| LIVE LOAD: | 4.8 kPa |
2. (PRELIMINARY) MECH UNIT WEIGHTS ARE PROVIDED ON PLAN. FINAL APPROVED EQUIPMENT SHOP DRAWING WEIGHTS, SIZES AND LOCATIONS, PROVIDED BY THE GC, ARE TO ACCOMPANY THE OWSJ SHOP SUBMITTAL BEFORE MTE WILL REVIEW.

STEEL LINTEL SCHEDULE

MARK	WALL WIDTH	LINTEL	MAXIMUM LENGTH
L1	190 BLOCK	(2)-L152x89x9 LLV B/B	0 TO 1200 RO

- NOTES:
1. THE FIRST DIMENSION SHOWN ON STEEL ANGLES IS VERTICAL.
 2. MINIMUM BEARING FOR LINTELS IS 200mm (8") UNLESS NOTED.
 3. ALL BACK TO BACK ANGLES STITCH WELDED TOGETHER AT 300 (12") O/C.
 4. FOR LINTELS ABUTTING STEEL COLUMNS, WELD CONNECTION TO FACE OF COLUMN.
 5. ALL EXTERIOR EXPOSED STEEL LINTELS TO BE HOT DIPPED GALVANIZED.
 6. PROVIDE STEEL LINTELS AS REQUIRED BY MECHANICAL AND ELECTRICAL SERVICES.

FRAMING NOTES

1. REFER TO DRAWING S1.0 FOR CONSTRUCTION NOTES.
2. REFER TO ARCH., MECH. AND ELEC. DWGS. FOR INFORMATION NOT SHOWN ON STRUC. DWGS., DIMENSIONS, OPENINGS AND SLOPES.

LEGEND	
	DENOTES MOMENT CONNECTION (FULL STRENGTH)
	DENOTES MOMENT CONNECTION (LOAD PROVIDED IN kN.m)
	DENOTES ROOF DRAIN (REFER TO MECHANICAL DRAWINGS)

STEEL COLUMN SCHEDULE

MARK	SIZE	REMARKS
C1	HSS152x152x6.4	
C2	W610x217	
C3	W200x46	
C4	W610x174	
C5	W360x64	

- NOTES:
1. COLUMNS TO BE LOCATED AT INTERSECTION OF GRID LINES UNLESS NOTED.
 2. PROVIDE MINIMUM 6.4mm (1/4") THICK CAP PLATES ON COLUMNS UNLESS NOTED.
 3. CAP PLATES SUPPORTING BEAMS OR JOISTS TO BE 12.7mm (1/2") THICK UNLESS NOTED.
 4. ALL CAP PLATES TO BE SUFFICIENT THICKNESS TO SUPPORT APPLIED LOADS.
 5. C2, C3, C4 COLUMNS ARE PRELIMINARY SIZES FOR PRICING PURPOSES. THE FINAL DESIGN BY PRE-ENGINEER.

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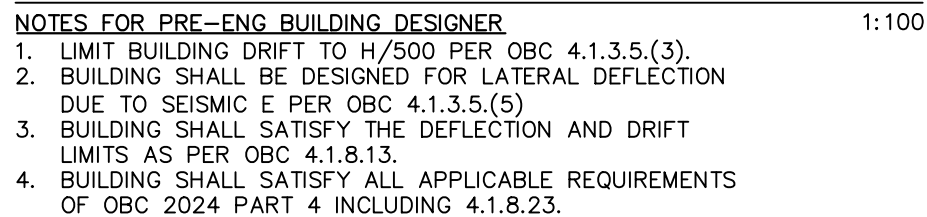


COUNTY PROJECT NO. CPS-RFT-25-03

PROJECT
NORTH PARIS FIRE STATION
21 ANN WILSON WAY (SCOTT AVE)

DRAWING
MEZZANINE FRAMING PLAN

Project Manager	PAS	Date	NOV 2024
Design By	PAS	Project No.	55275-100
Drawn By	STD	Drawing No.	S3.0
Scale	1:100		



NOTES:

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COUNTY PROJECT NO. CPS-RFT-25-03

PROJECT

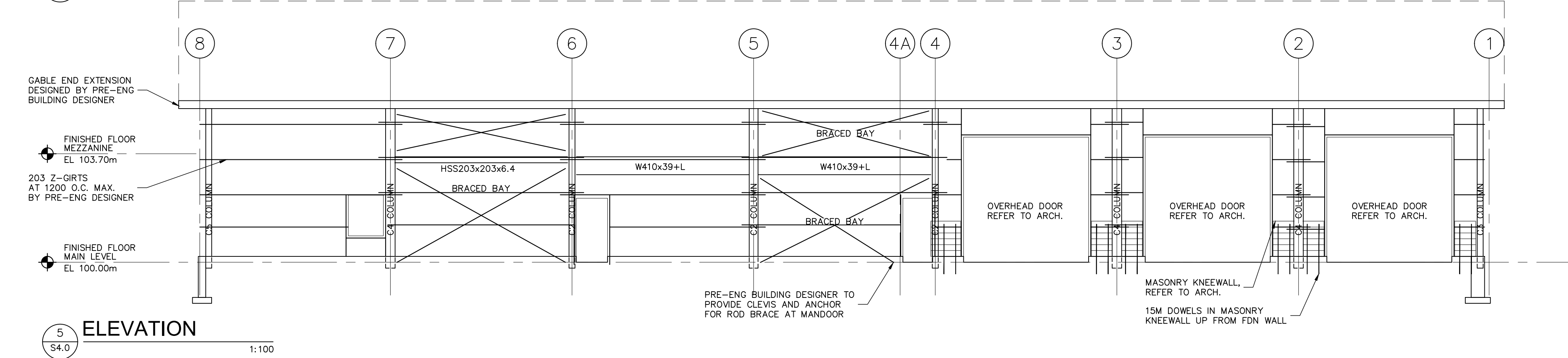
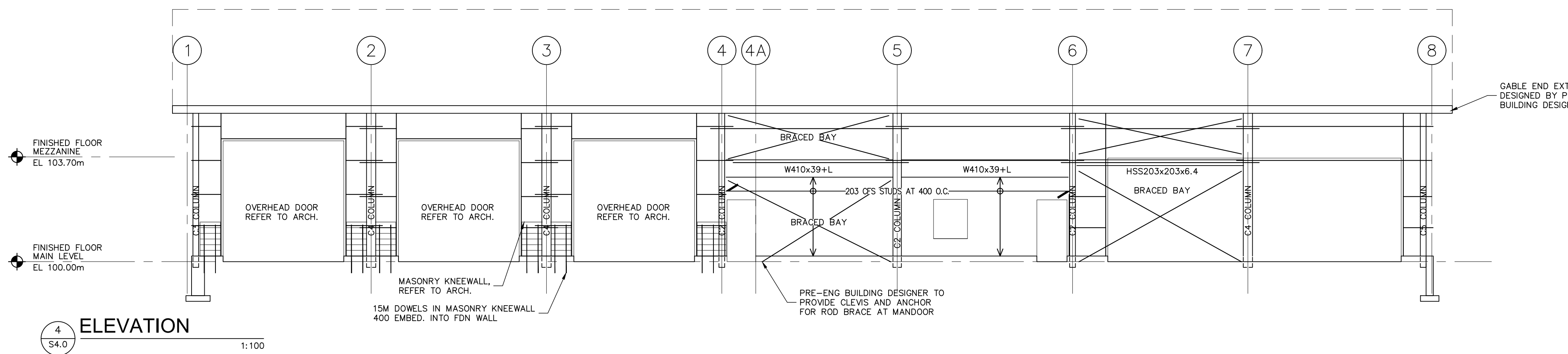
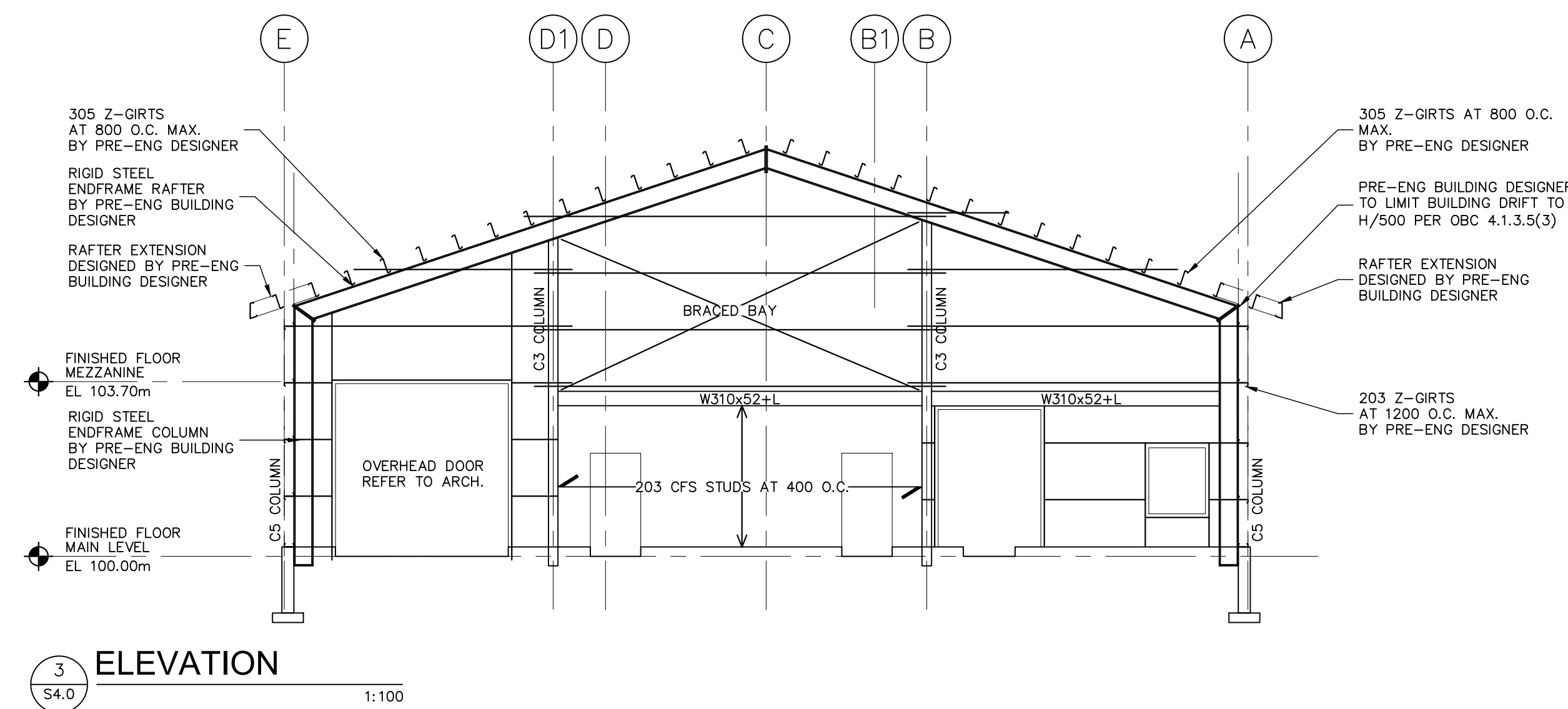
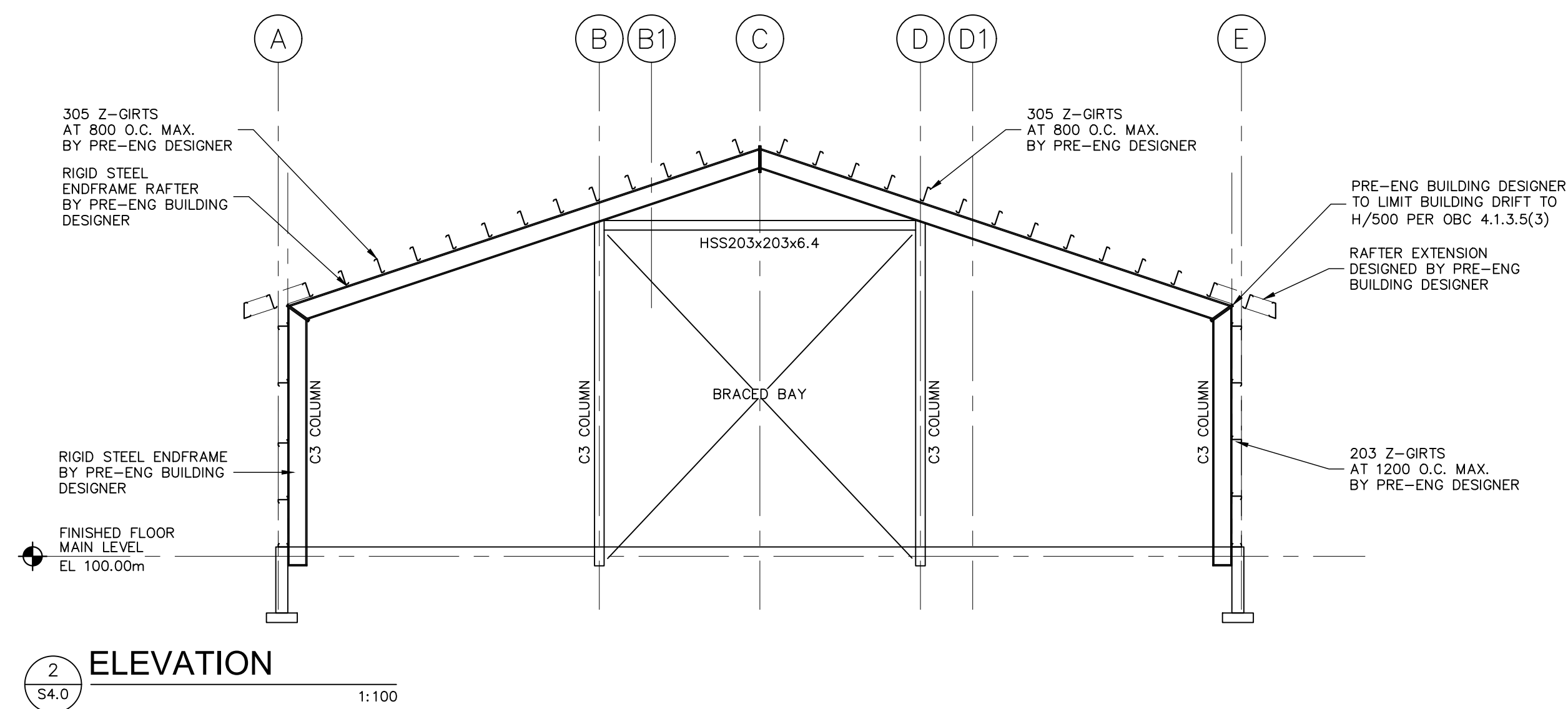
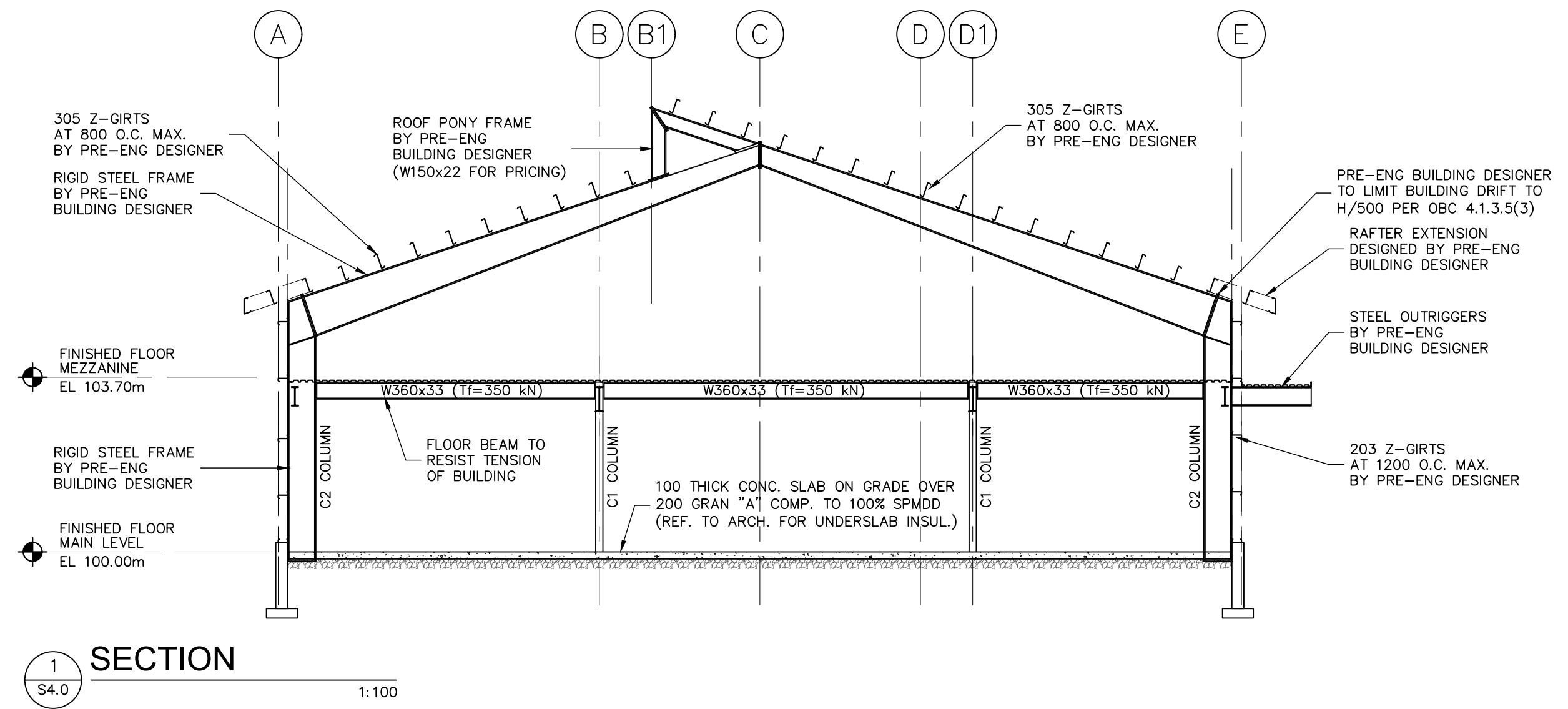
**NORTH PARIS
FIRE STATION**

21 ANN WILSON WAY
(SCOTT AVE)

DRAWING

ROOF
FRAMING PLAN

Project Manager	PAS	Date	NOV 2024
Design By	PAS	Project No.	55275-100
Drawn By	STD	Drawing No.	S3.1
Scale	1:100		



NOTE TO CONTRACTOR :

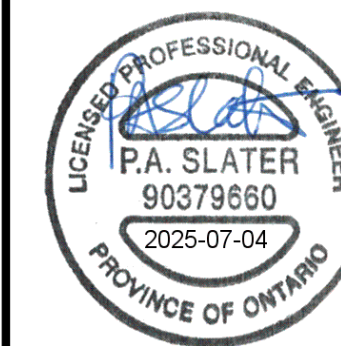
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COUNTY PROJECT NO. CPS-RFT-25-03

PROJECT
NORTH PARIS FIRE STATION
21 ANN WILSON WAY (SCOTT AVE)

DRAWING
CROSS-SECTION

Project Manager	PAS	Date	NOV 2024
Design By	PAS	Project No.	55275-100
Drawn By	STD	Drawing No.	S4.0
Scale	1:100		