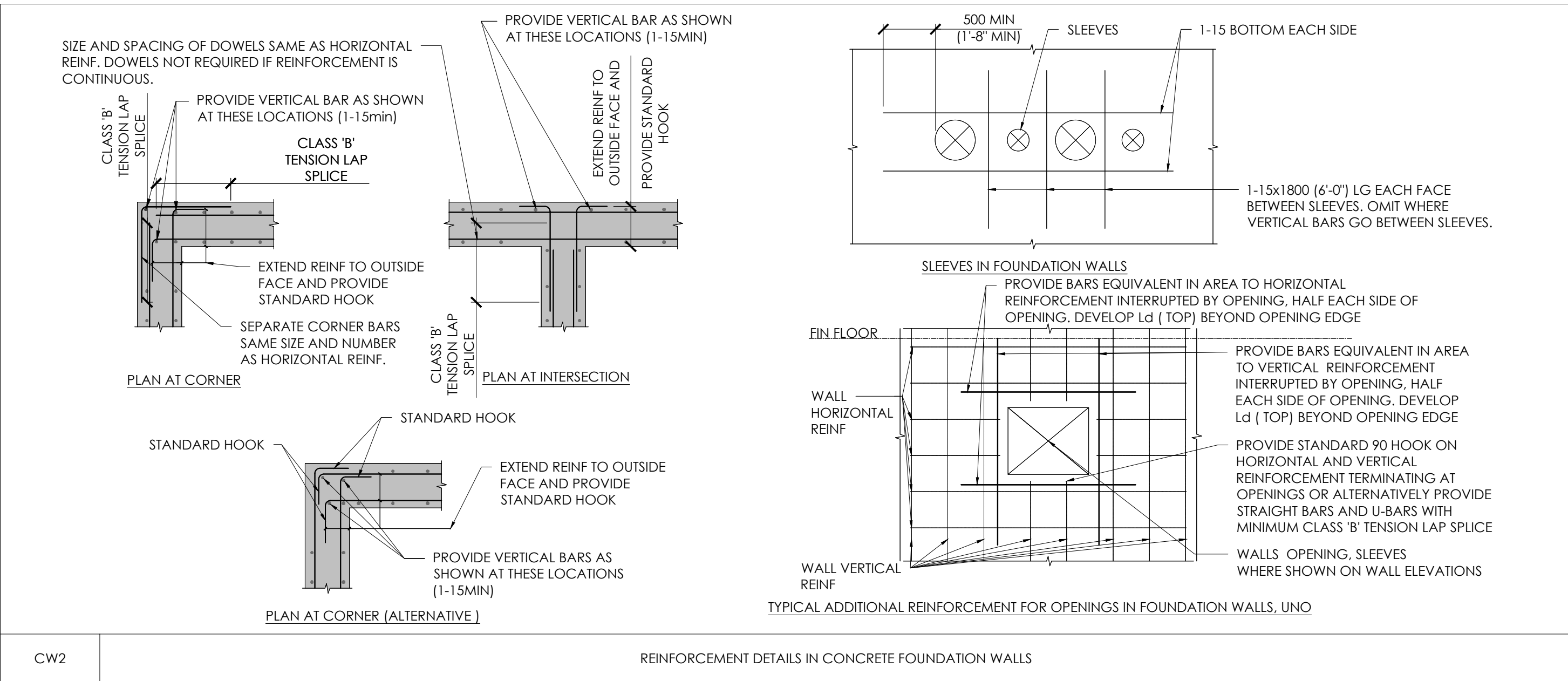
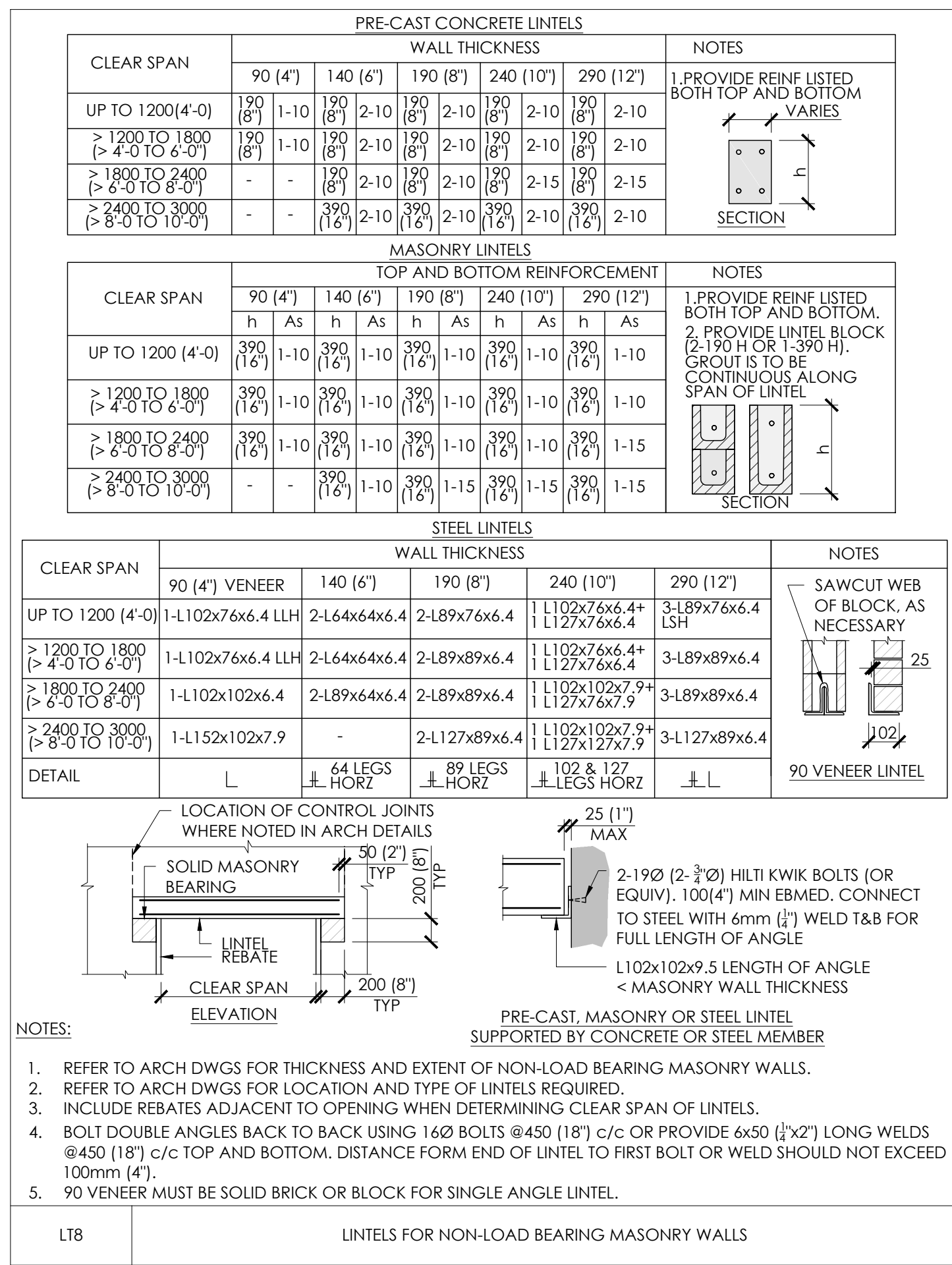
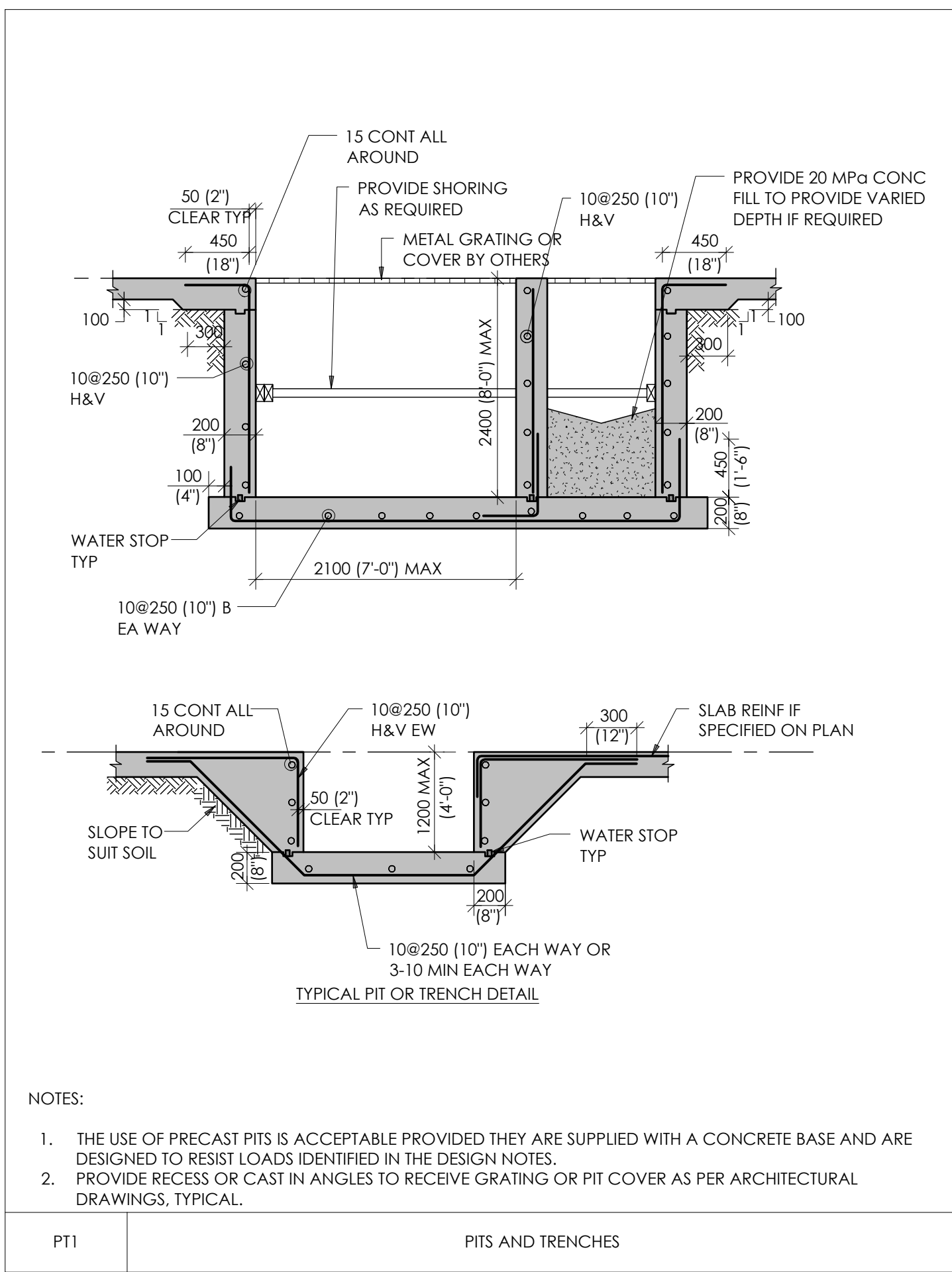
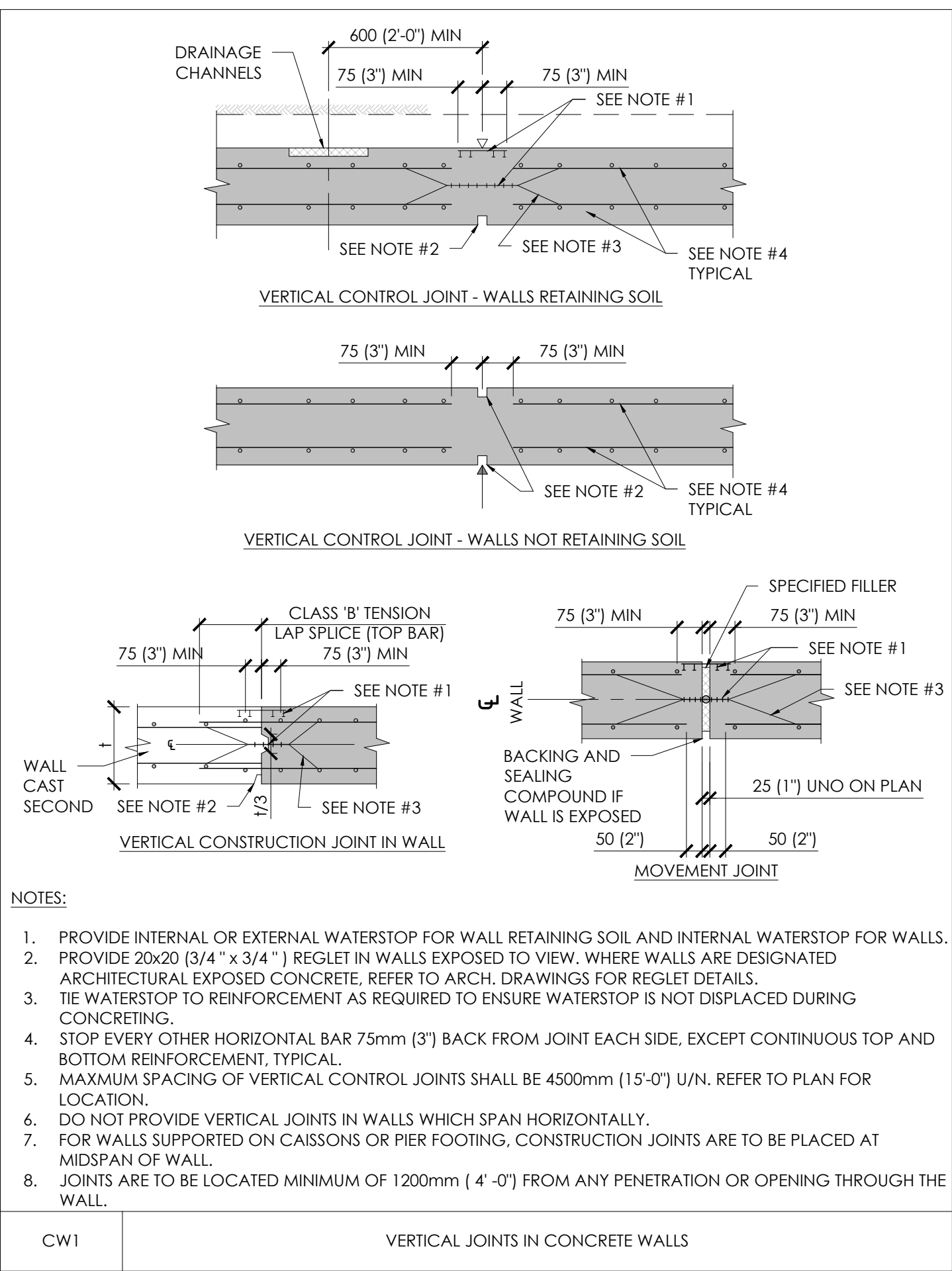


S001



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YRP HELICOPTER HANGAR

88 BALES DRIVE EAST
TOWN OF EAST GWILLIMBURY

Key Plan



NO.	ISSUED	DATE
7	Issued for Construction	2025.09.05
6	Pre-IFC	2025.09.02
5	Re-Issued for Building Permit	2025.05.13
4	Issued for Progress Review	2024.12.20
3	Issued for Tender Addendum 1	2024.09.16
2	Issued for Tender	2024.09.09
1	Issued for Permit	2024.07.30

Issue

All measurements are to be checked and verified on site by the contractor before proceeding with work

Do not scale drawings

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Original Issue Date: 2024.10.03
Project No: 24.065
Scale:



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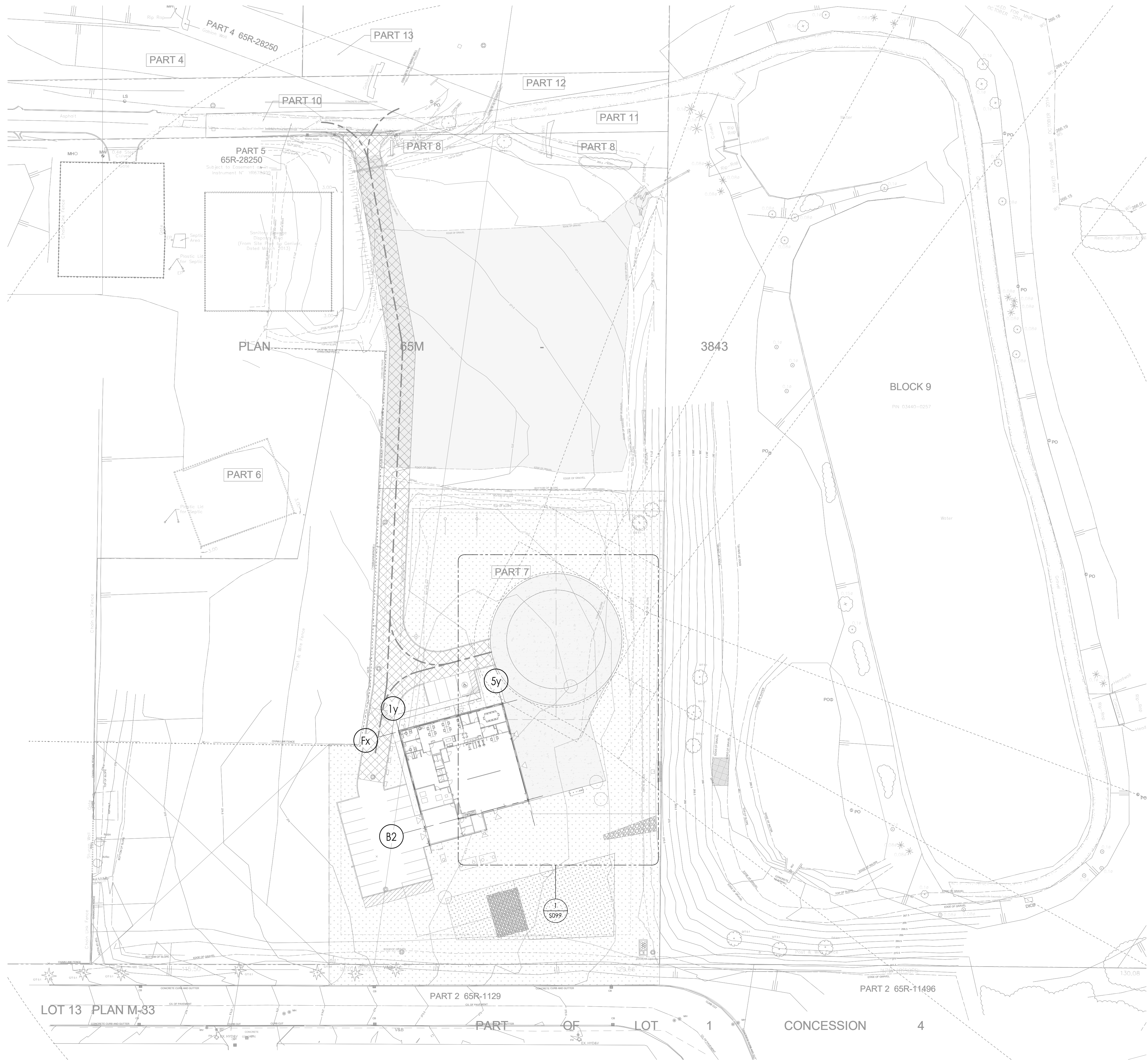
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TYPICAL DETAILS

Drawing No.

S011

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1 OVERALL SITE PLAN
S098
1:500

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Scale: 1:500



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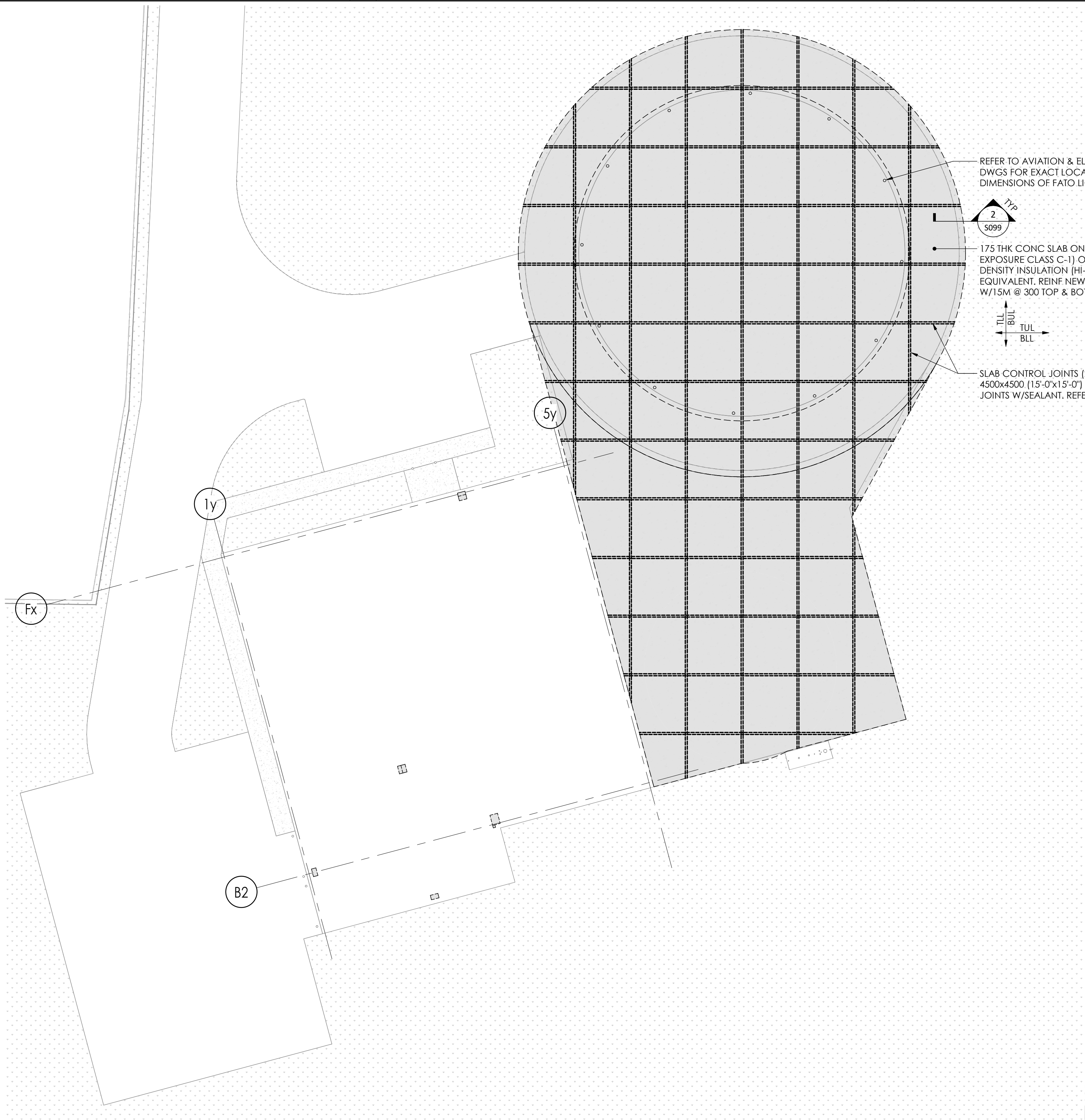
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OVERALL SITE PLAN

Drawing
No.

S098

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1 SITE PLAN
S099
1 : 200

NOTES:

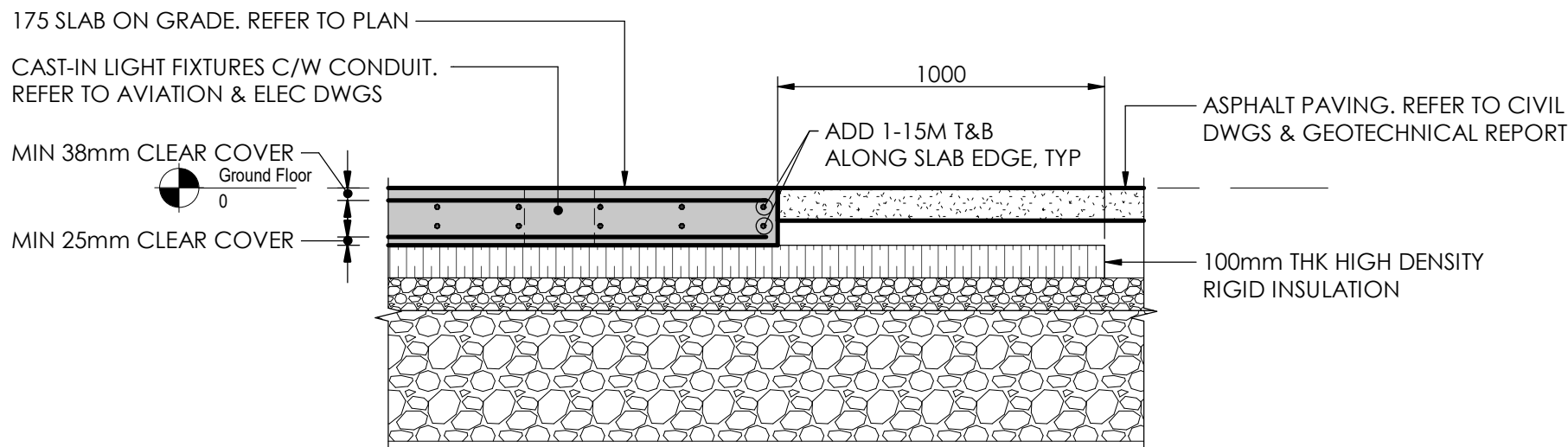
- REFER TO ARCHITECTURAL DRAWINGS FOR TOP OF CONCRETE SLOPE FOR NEW SLAB ON GRADE.
- COORDINATE SLAB REINFORCEMENT WITH IN-SLAB HEATING IF/AS REQUIRED WITH THE MEP DRAWINGS.

REFER TO AVIATION & ELECTRICAL DWGS FOR EXACT LOCATION AND DIMENSIONS OF FATO LIGHTING

2 S099

175 THK CONC SLAB ON GRADE (F_c=35 mPa, EXPOSURE CLASS C-1) ON 100 THK HIGH DENSITY INSULATION (HI-60) OR APPROVED EQUIVALENT, REINF NEW SLAB ON GRADE W/15M @ 300 TOP & BOT EACH WAY

SLAB CONTROL JOINTS (23 DP SAWCUT) 4500x4500 (15'-0"x15'-0") GRID, FILL JOINTS W/SEALANT. REFER TO CS1/S010



2
S099
1 : 20

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4	Issued for Tender Addendum 14	2024.11.27
3	Issued for Tender Addendum 7	2024.10.03
2	Issued for Tender Addendum 2	2024.09.18
1	Issued for Tender Addendum 1	2024.09.16

Issue
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Scale: As indicated



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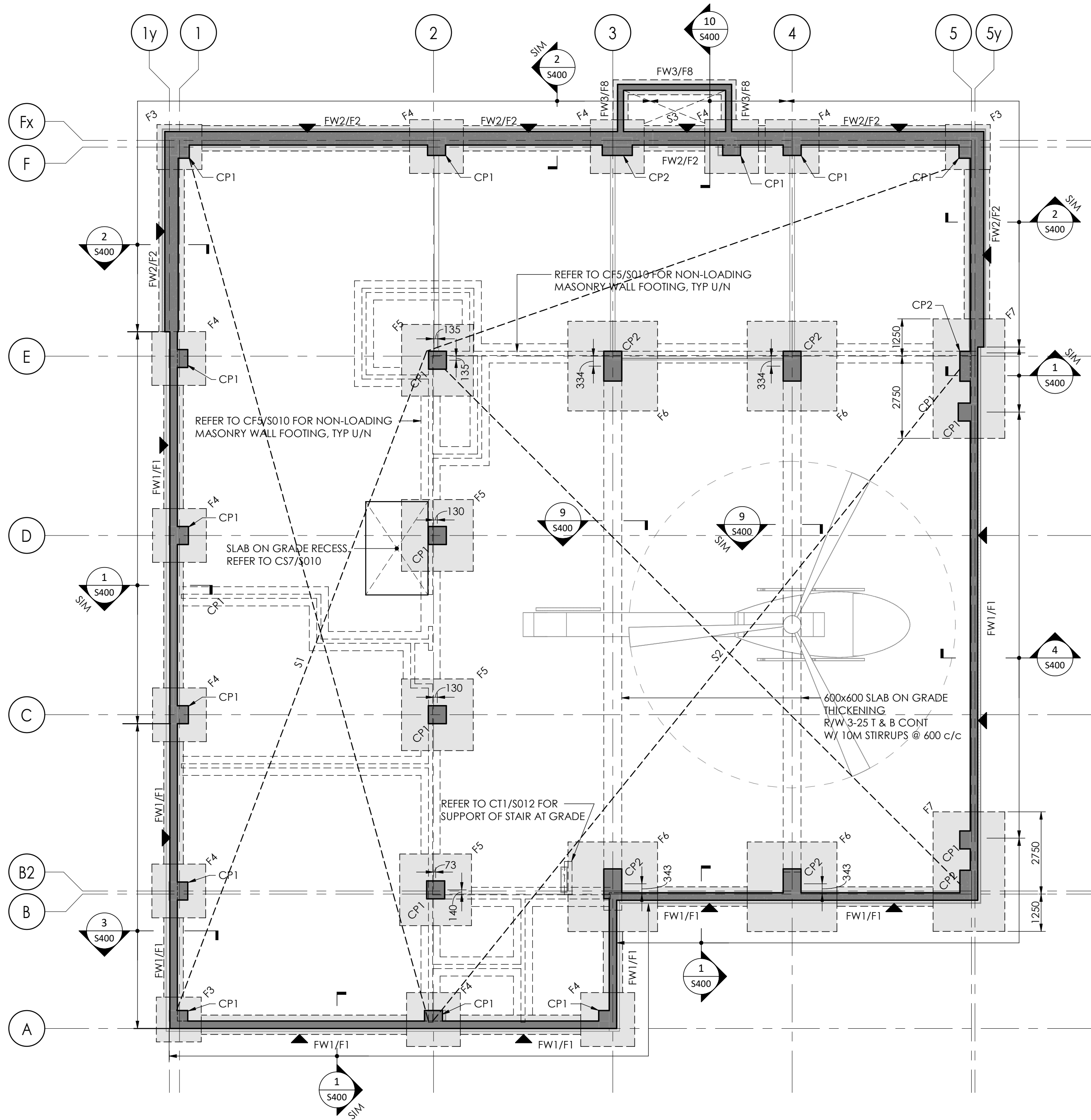
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ENLARGED SITE
PLAN

Drawing
No.

S099

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1 FOUNDATION PLAN

S100

1 : 100

PLAN NOTES:

- TOP OF FINISHED GROUND FLOOR (SLAB ON GRADE) IS AT ELEVATION 0mm EXCEPT AS CROSSED AND NOTED. ELEVATIONS FOR CROSSED AND NOTED ARE TO BE READ FROM THE FINISHED GROUND FLOOR ELEVATION 0mm.
- FOUND UNDERSIDE OF COLUMN & WALL FOOTINGS AT ELVATION 1650mm BELOW FINISHED GROUND FLOOR ELEVATION UNLESS NOTED ON PLAN OTHERWISE.
- CENTER ALL CAPS AND FOOTINGS UNDER COLUMNS AND WALLS UNLESS NOTED OTHERWISE.
- SEE ARCHITECTURAL DRAWINGS FOR SLOPE TO DRAINS; MAINTAIN SLAB THICKNESS SHOWN.
- PROVIDE CONTROL JOISTS AT LOCATION SHOWN THIS ON PLAN.
- REFER TO TYPICAL DETAILS ON DRAWING S010 & S012.
- REFER TO GENERAL NOTES ON DRAWING S001.
- REFER TO COLUMN SCHEDULE FOR THE PRELIMINARY UNFACTORED COLUMN REACTIONS, IN DWG S050 (PROVIDED BY THE PRE-ENGINEER BUILDING SUB-CONTRACTOR OF COMSTEEL). COORDINATE WITH THE PRE-ENGINEER BUILDING SUB-CONTRACTOR OF COMSTEEL FOR FINAL STAMPED COLUMN REACTIONS.
- EARTHQUAKE LOADS:
 - THE EARTHQUAKE LOADS HAVE BEEN CALCULATED IN ACCORDANCE WITH THE EQUIVALENT STATIC FORCE PROCEDURE.
 - EARTHQUAKE IMPORTANCE FACTOR, BASED ON TABLE 4.1.8.5 OF 2012 OBC CATEGORY - POST-DISASTER IE = 1.5 (ULS)
 - SEISMIC HAZARD PARAMETER FOR TOWN OF EAST GWILLIMBURY $S_a(0.2) = 0.132$, $S_a(0.5) = 0.085$, $S_a(1.0) = 0.050$, $S_a(2.0) = 0.026$, PGA = 0.081
 - SITE CLASSIFICATION FOR SEISMIC SITE RESPONSE: CLASS = C
- REFER TO ARCHITECTURAL DRAWINGS FOR TOP OF CONCRETE SLOPE FOR NEW SLAB ON GRADE.
- FOR S2 & S3 CONCRETE SLAB ON GRADE TO CONFORM TO C1: F_c = 35 MPa.

FOUNDATION SCHEDULE

TAG	MEMBER SIZE	REINFORCEMENT	COMMENTS
F1	650mm x 250mm DP CONC FOOTING	3-15M CONT BUL IN LONG DIRECTION, 15M @ 400 c/c BLL IN SHORT DIRECTION	LAP HORIZ BARS AT CORNERS & INTERSECTION
F2	850mm x 250mm DP CONC FOOTING	4-15M CONT BUL IN LONG DIRECTION, 15M @ 400 c/c BLL IN SHORT DIRECTION	LAP HORIZ BARS AT CORNERS & INTERSECTION
F3	1500mm x 1500mm x 450mm DP CONC FOOTING	6-15 BEW (HH)	
F4	1800mm x 1800mm x 450mm DP CONC FOOTING	8-15 BEW (HH)	
F5	2400mm x 2400mm x 450mm DP CONC FOOTING	12-15 BEW (HH)	
F6	3000mm x 3000mm x 600mm DP CONC FOOTING	15-15 BEW (HH)	
F7	2400mm x 4000mm x 450mm DP CONC FOOTING	10-15M BUL (HH) IN LONG DIRECTION & 16-15M BUL (HH) IN SHORT DIRECTION	
F8	500mm x 200mm DP CONC FOOTING	2-15M CONT	
FW1	250mm CONCRETE FOUNDATION WALL	15M @ 300 c/c VERT & HORIZ EACH FACE, PROVIDE 4-15 VERT AT WALL INTERSECTION & CORNERS	LAP HORIZ BARS AT CORNERS & INTERSECTION
FW2	450mm CONCRETE FOUNDATION WALL	15M @ 300 c/c VERT & HORIZ EACH FACE, PROVIDE 4-15 VERT AT WALL INTERSECTION & CORNERS, ALSO REFER TO 3/S200	LAP HORIZ BARS AT CORNERS & INTERSECTION
FW3	200mm CONC WALL	15M @ 400 c/c VERT & HORIZ EACH FACE, PROVIDE 4-15 VERT AT WALL INTERSECTION & CORNERS	

CP1	600mm x 600mm CONCRETE CAP	12-20V W/3-10M TIES @ 75 c/c AT TOP & 10M TIES @ 300 IN REMAINING	REFER TO ARCH DWGS FOR RIGID INSULATION
CP2	600mm W x 1000mm L CONCRETE CAP	14-20V W/3-10M TIES @ 75 c/c AT TOP & 10M TIES @ 300 IN REMAINING	REFER TO ARCH DWGS FOR RIGID INSULATION
S1	125 SLAB ON GRADE ATOP 75mm THK RIGID INSULATION	R/W 1 LAYER OF 152x152 MW18.7 x MW18.7 WWF	REFER TO ARCH DWGS FOR RIGID INSULATION
S2	175 SLAB ON GRADE ATOP 75mm THK RIGID INSULATION	R/W 2 LAYER OF 152x152 MW18.7 x MW18.7 WWF	REFER TO ARCH DWGS FOR RIGID INSULATION
S3	200 SLAB ON GRADE ON VOID FORM	R/W 15M @ 250 TOP & BOT EACH WAY	REFER TO ARCH DWGS FOR RIGID INSULATION

NOTE: CP1 AND CP2 PIER REINFORCEMENT NOTED ABOVE ARE TO BE CENTRED ON THE PRE-ENGINEERED COLUMNS ABOVE (COORDINATE WITH PRE-ENGINEERED STEEL SUB-TRADE).

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Issue

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Project No: 24.065
Scale: 1 : 100



Sheet

Title:

FOUNDATION PLAN

Drawing
No.

S100

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88 BALES DRIVE EAST
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Key Plan

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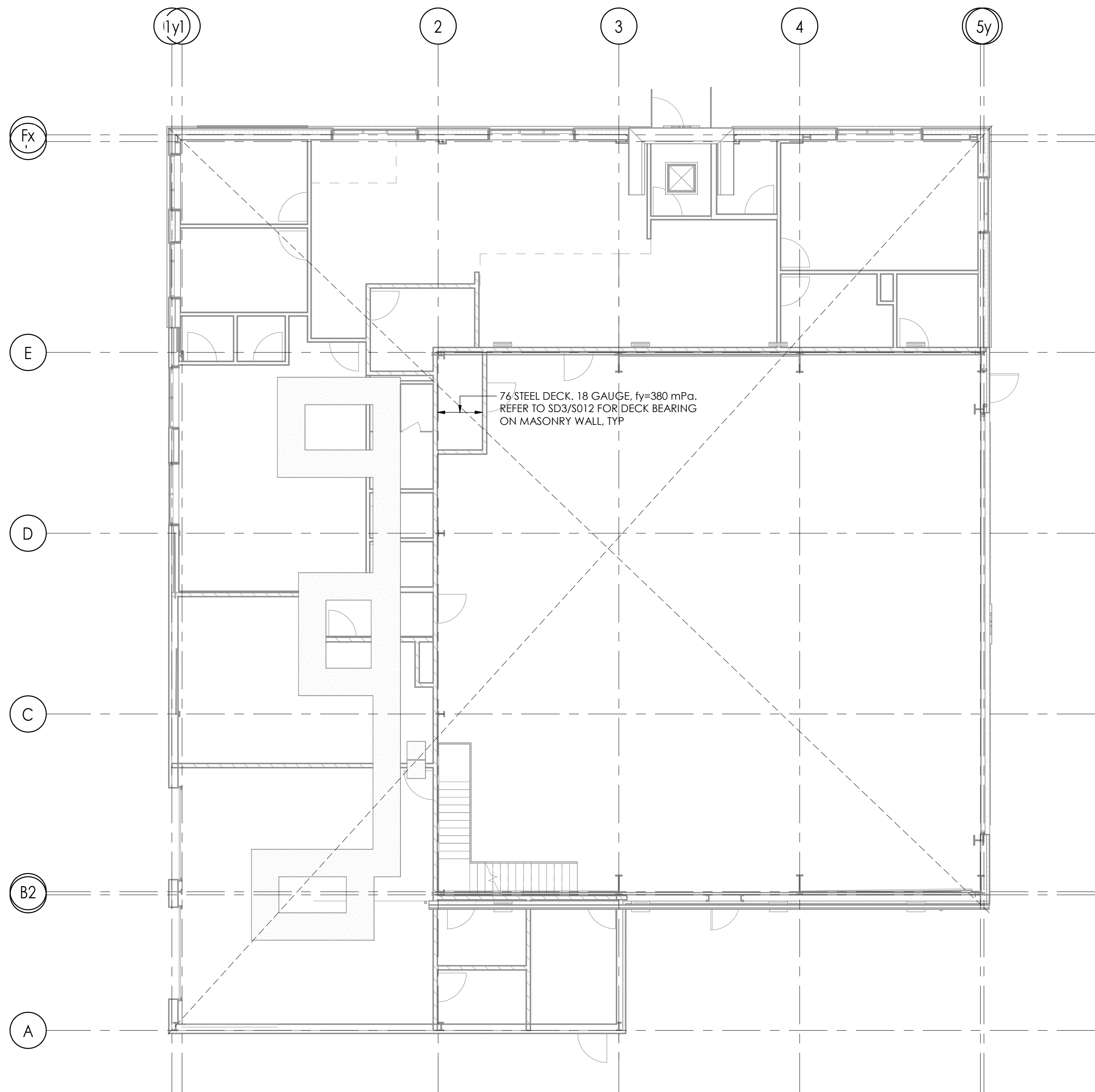


Sheet
Title:

LOW ROOF PLAN

Drawing
No.

S200



1 LOW ROOF PLAN

S200

1 : 100

PLAN NOTES:

1. **ALL FRAMING SHOWN IS LOOKING DOWN.**
2. REFER TO ARCHITECTURAL DRAWINGS FOR THE TOP OF LOW ROOF ELEVATION.
3. THE UNFACTORED DESIGN LOAD FOR THE LOW ROOF IS:
 - A. SUPERIMPOSED DEAD LOADS (SD_L) = 0.35 kPa
4. ALL STRUCTURAL STEEL & ITS CONNECTION HARDWARES EXPOSED TO WEATHER SHALL BE GALVANIZED IN ACCORDANCE WITH CSA G164.
5. REFER TO TYPICAL DETAILS ON S010 TO S012.
6. REFER TO GENERAL NOTES ON S001.

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TOWN OF EAST GWILLIMBURY

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Scale: 1 : 20



Sheet
Title:

SECTIONS

Drawing
No.

S400

