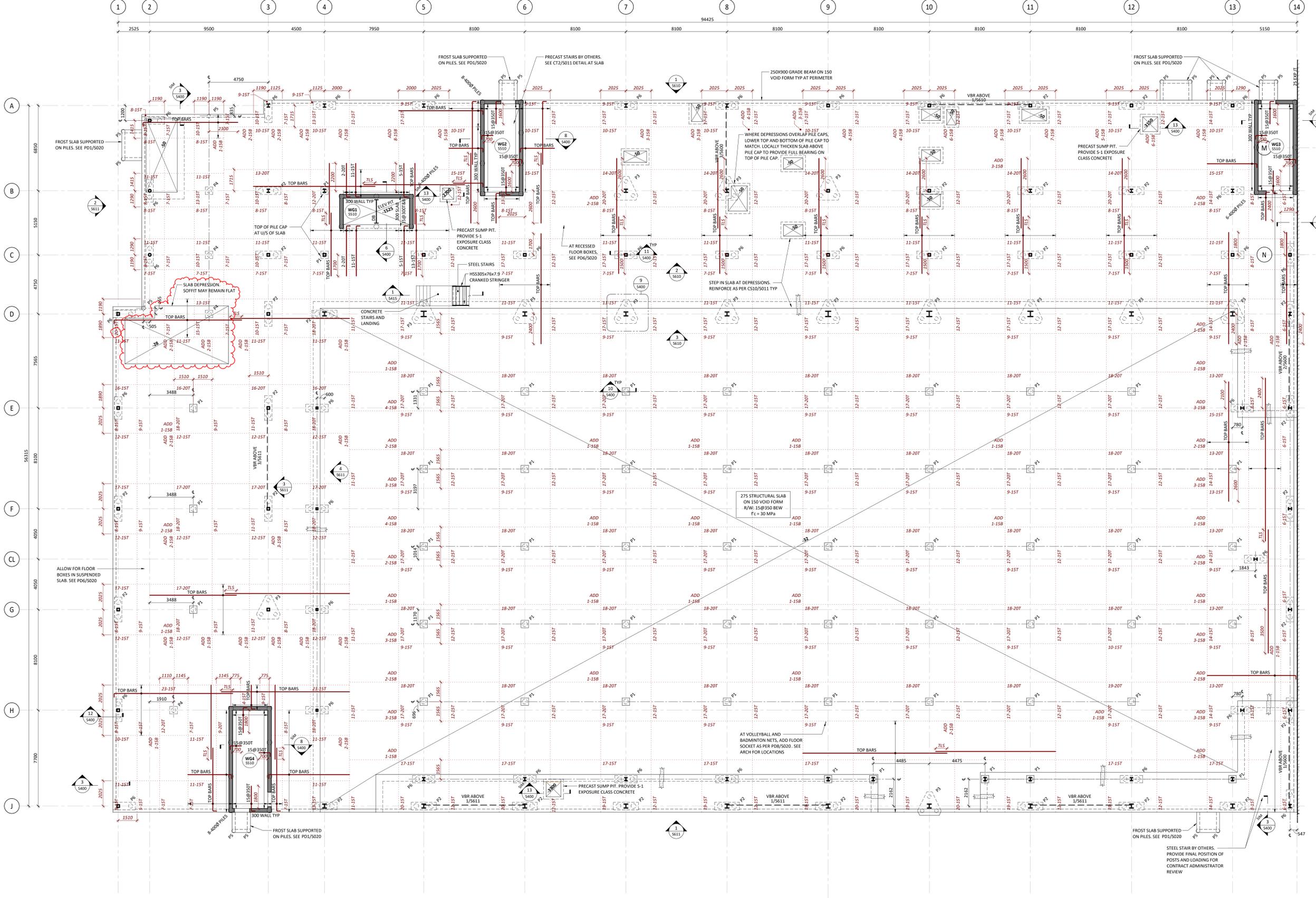


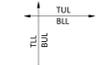
Issued	No.	Date	Description
	1	2025/12/11	CONTRACT DOCUMENTS
	2	2026/01/15	ADDENDUM'S



1 FRAMING PLAN - LEVEL 1 (REC CENTRE)
S221
1:100

1. FINISHED FLOOR IS AT GEODETIC ELEVATION **233.300m** EXCEPT AS CROSSED AND NOTED. ELEVATIONS FOR AREAS CROSSED AND NOTED ARE TO BE READ FROM FINISHED FLOOR ELEVATION.
2. CENTRE ALL PILES AND PILE CAPS UNDER COLUMNS UNLESS NOTED OTHERWISE.
3. PLACE 150 VOID FORM BELOW ALL GRADE BEAMS, PILE CAPS AND STRUCTURAL SLAB-ON-GRADE.
4. SEE ARCH FOR MASONRY PARTITION LOCATIONS, THICKNESS AND GROUT REQUIREMENTS. SEE TABLE 3 FOR REINFORCEMENT REQUIREMENTS.

BAR PLACING ORDER FOR SLABS (UNLESS NOTED OTHERWISE)



PRECAST CONCRETE HEX PILE & PILE CAP SCHEDULE

MARK	# PILES PER CAP	SIZE	PILE CAP	PER PILE DESIGN CAPACITY		PILE CAP REINFORCEMENT	COMMENTS
				SLS	ULS		
P1	1	400P	600x600x600DP	800KN	960KN	3-15BEW (HH)	TOP OF PILE CAP AT TOP OF SLAB U/LN
P2	2	400P	600x200x625DP	800KN	960KN	4-25B1 (HH), 8-15B1.2 (HH), 4-25B1.3 (HH)	TOP OF PILE CAP AT U/S OF SLAB
P3	3	400P	1900x1900x800DP	800KN	960KN	SEE 9/S400	TOP OF PILE CAP AT U/S OF SLAB
P4	1	350P	600x600x600DP	625KN	784KN	3-15BEW (HH)	TOP OF PILE CAP AT TOP OF SLAB
P5	1	300P	N/A	445KN	560KN	N/A	TOP OF PILE CAP AT U/S OF GRADE BEAM
P6	2	350P	600x1800x625DP	625KN	784KN	3-25B1 (HH), 7-15B1.2 (HH), 3-25B1.3 (HH)	TOP OF PILE CAP AT U/S OF SLAB
P7	1	300P	600x600x1500DP	445KN	560KN	3-15T8.8 EW (HH), 10@200HF	ALIGN U/S OF PILE CAP WITH CONNECTED GRADE BEAM

- NOTES:
1. PILES TO BE DRIVEN TO PRACTICAL REFUSAL ACCORDING TO THE CRITERIA PROVIDED IN KSS GROUP'S MARCH 19, 2024 GEOTECHNICAL REPORT. BASED ON GEOTECHNICAL INVESTIGATION, POWER AUGER REFUSAL WAS ENCOUNTERED AT DEPTHS OF APPROX. 16m.
 2. REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION. PILE DESIGN CAPACITIES NOTED INCLUDE A 0.4 GEOTECHNICAL RESISTANCE FACTOR.
 3. WHERE PILE CAPS ARE ADJACENT TO PERIMETER GRADE BEAMS, WIDEN PILE CAP TO CREATE A PILASTER. EXTEND PILE CAP REINFORCEMENT TO EDGE OF PILE CAP/PILASTER AND CONTINUE GRADE BEAM REINFORCEMENT THROUGH THE PILE CAP.
 4. ENSURE MIN 450mm STRAND EMBEDMENT FROM PILE INTO PILE CAP OR GRADE BEAM.
 5. SPACE PILES WITHIN PILE CAPS AT THREE PILE DIAMETERS CENTRE TO CENTRE.
 6. AT CONCRETE SHEAR WALL CORNERS, DESIGN PRECAST PILES FOR A 200KN UPLIFT FORCE. AT BRACED FRAMES, DESIGN PRECAST PILES FOR 50KN UPLIFT FORCE.

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