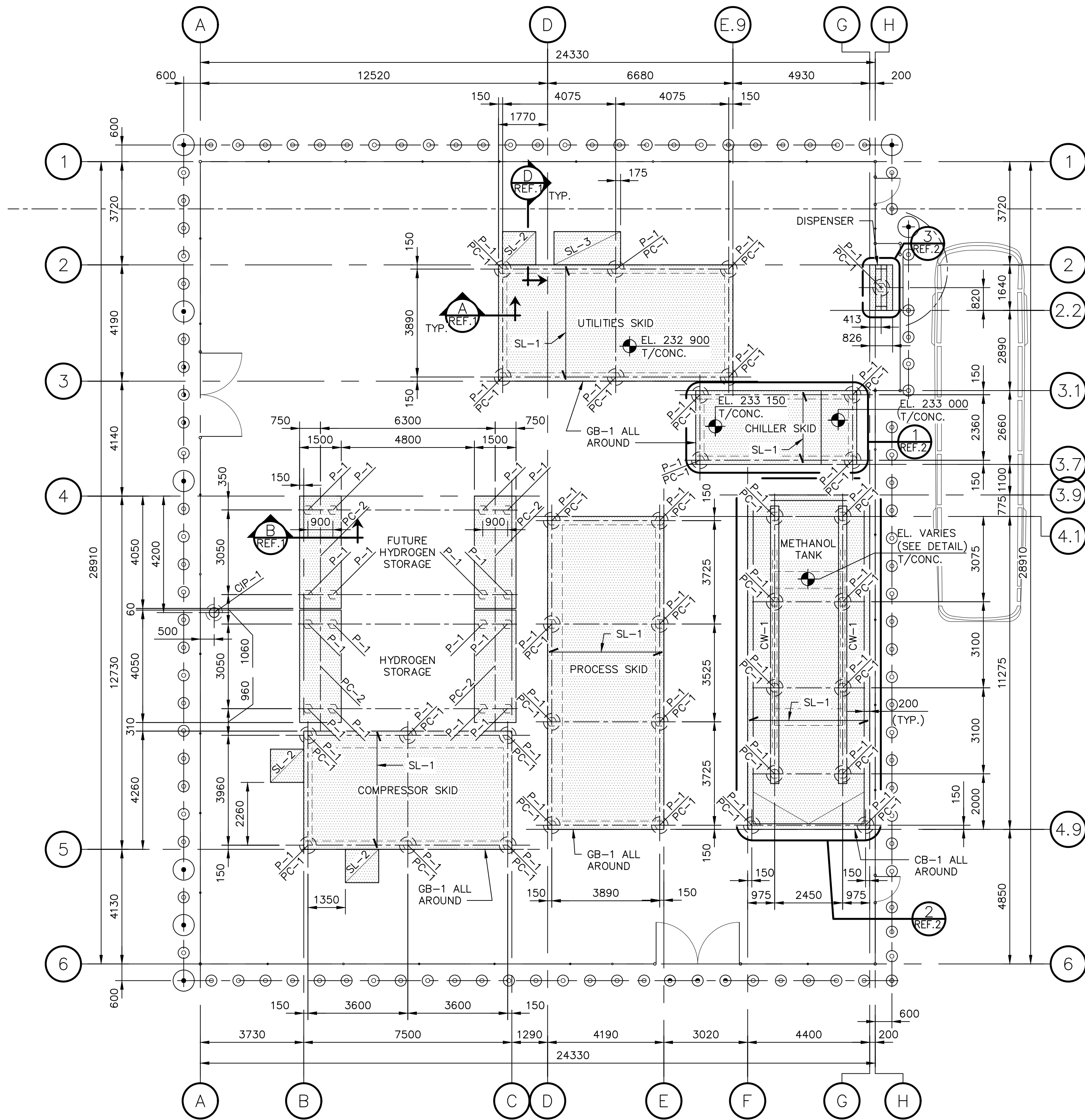
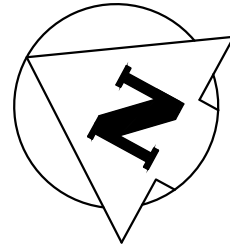




FOUNDATION PLAN
SCALE: 1:100

T/CONC. @
EL. 233 000 (U/N)

CONCRETE PILE SCHEDULE		
MARK	TYPE	REINFORCEMENT
P-1	305 DRIVEN HEX PILE	
CIP-1	600 DIA. x 3600 LG C.I.P. PILE	8-15M VERT. + 10M TIES 300 O/C TYP.

CONCRETE PILE CAP SCHEDULE		
MARK	TYPE	REINFORCEMENT
PC-1	600 H x 600 DIA.	6-15M VERT. + 10M STIRR. @ 150 O/C (TOP 3 @ 75 O/C)
PC-2	750 THK x 1500 x 4050	5-25M T&B H2E + 2-10 M TIES @ 300 O/C

GRADE BEAM SCHEDULE		
MARK	TYPE	REINFORCEMENT
GB-1	300 W x 600 D	2-25M T&B + 10M STIRR. @ 300 O/C

CONCRETE SLAB SCHEDULE		
MARK	TYPE	REINFORCEMENT
SL-1	300 THK	20M @ 200 O/C E/W T&B
SL-2	200 THK x 1200 x 1200	15M @ 300 O/C E/W T&B
SL-3	200 THK x 2400 x 1200	15M @ 300 O/C E/W T&B

CONCRETE CURB SCHEDULE		
MARK	TYPE	REINFORCEMENT
CB-1	350 H x 200 W	1-15M T&B CONT.

CONCRETE WALL SCHEDULE		
MARK	TYPE	REINFORCEMENT
CW-1	900 H x 300 W	15M @ 400 O/C E/W E/F

DESIGN LOADING:

DEAD: SELF WEIGHT.

LIVE: 4.8 kPa IN AREAS WITHOUT EQUIPMENT + EQUIPMENT WEIGHT AS SHOWN.

SNOW: 2.1 kPa.

MECHANICAL EQUIPMENT SCHEDULE		
EQUIPMENT	SIZE	WEIGHT
PROCESS SKID	11.3m x 3.8m	23,000 kg
METHANOL TANK 50,000L	10m x 3.1m	45,000 kg
UTILITIES SKID	11m x 3.4m	20,000 kg
COMPRESSOR SKID	7.2m x 3.7m	15,000 kg
H2 STORAGE TANK	2.4m x 6.4m	84,000 kg
MCC	7.4m x 3.7m	6,000 kg

NOTES:

- CONFIRM FINAL DIMENSIONS, WEIGHTS, AND LOCATIONS WITH EOR APPROVED EQUIPMENT SHOP DRAWINGS PRIOR TO CONSTRUCTION.
- ANCHORAGE OF EQUIPMENT BY THE SUPPLIER TYP.

10	-	-
9	-	-
8	-	-
7	-	-
6	-	-
5	-	-
4	-	-
3	-	-
2	465-2025-S0004	PLAN DETAILS
1	465-2025-S0005	SECTIONS & DETAILS
NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
REFERENCE DRAWINGS		



B.M. ELEV.	
CONSTRUCTION COMPLETION DATE: YYYY MM DD	
0	ISSUED FOR CONSTRUCTION
NO.	REVISIONS
	DATE
	BY

KGS GROUP	
DESIGNED BY	MEL
CHECKED BY	
DRAWN BY	FBV
APPROVED BY	
SCALE:	AS SHOWN
RELEASED FOR CONSTRUCTION	
DATE	2024 07 18
DATE	

ENGINEER'S SEAL
CONSULTANT DRAWING NUMBER
24-0107-004_S03

		THE CITY OF WINNIPEG	
		TRANSIT DEPARTMENT ENGINEERING DIVISION	
		WINNIPEG TRANSIT - FORT ROUGE FACILITY HYDROGEN REFUELLING STATION	
		STRUCTURAL FOUNDATION PLAN	
CITY DRAWING NUMBER		465-2025-S0003	
SHEET		1	OF 1

PLOT DATE: 2025 07 08

BID OPPORTUNITY: 465-2025
CONTRACT NUMBER: -

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