

SURFACED MOUNTED OPERATOR (LOCATION TO BE COORDINATED BASED ON GATE MANUFACTURER DRAWINGS)

DBI-SALA STAINLESS CAST-IN-PLACE DAVIT SLEEVE (PART #8512828) C/W HEAVY DUTY SLEEVE CAP (PART #8510827)

ALUM. LADDER EXTENSION (SEE DETAIL 2/REF.3)

ALUM. LADDER (SEE DETAIL 1/REF.3)

900 x 900 ALUM. ACCESS HATCH

HOLE FOR PIPE GOOSENECK (2 LOCS.)

6.4 THICK ALUMINUM CHECKER PLATE WITH WELDED L102x102x6.4 (ALUM.) @ 300 O/C SEE REF.X

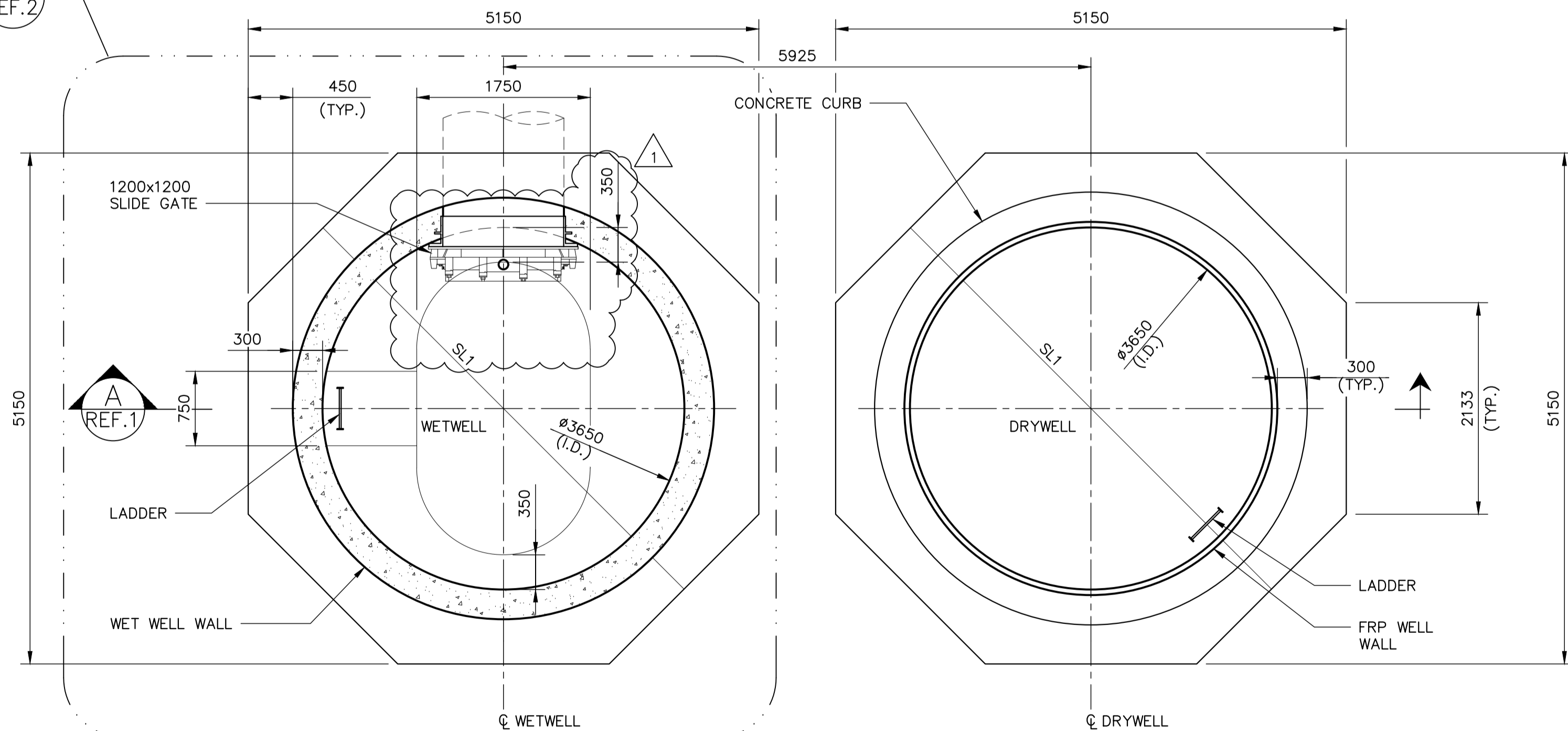
REF.1

REF.2

MAIN FLOOR FRAMING PLAN

SCALE: 1:40

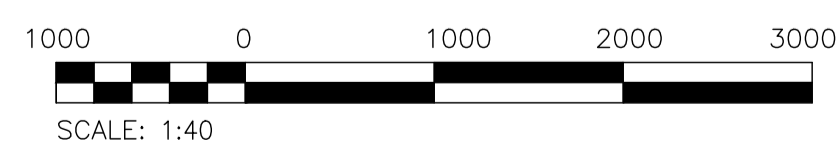
REF.2



WELL BASE FOUNDATION PLAN

SCALE: 1:40

REF.1



FOR TENDER ONLY
NOT TO BE USED FOR CONSTRUCTION

ENGINEERS
GEOSCIENTISTS
MANITOBA
Certificate of Authorization
KGS Group
No. 245

B.M. ELEV.			
CONSTRUCTION COMPLETION DATE: YYYY MM DD			
DESIGNED BY	JMW	CHECKED BY	
DRAWN BY	FBV	APPROVED BY	JMW
SCALE:	AS SHOWN	RELEASED FOR CONSTRUCTION	
1 ISSUED WITH ADDENDUM 2	2024 07 12	JMW	
0 ISSUED FOR TENDER	2024 06 20	JMW	
NO.	REVISIONS	DATE	BY
		2024 01 24	

KGS GROUP

DESIGNED BY: JMW
CHECKED BY: []
DRAWN BY: FBV
APPROVED BY: JMW
SCALE: AS SHOWN
RELEASED FOR CONSTRUCTION
DATE: 2024 01 24

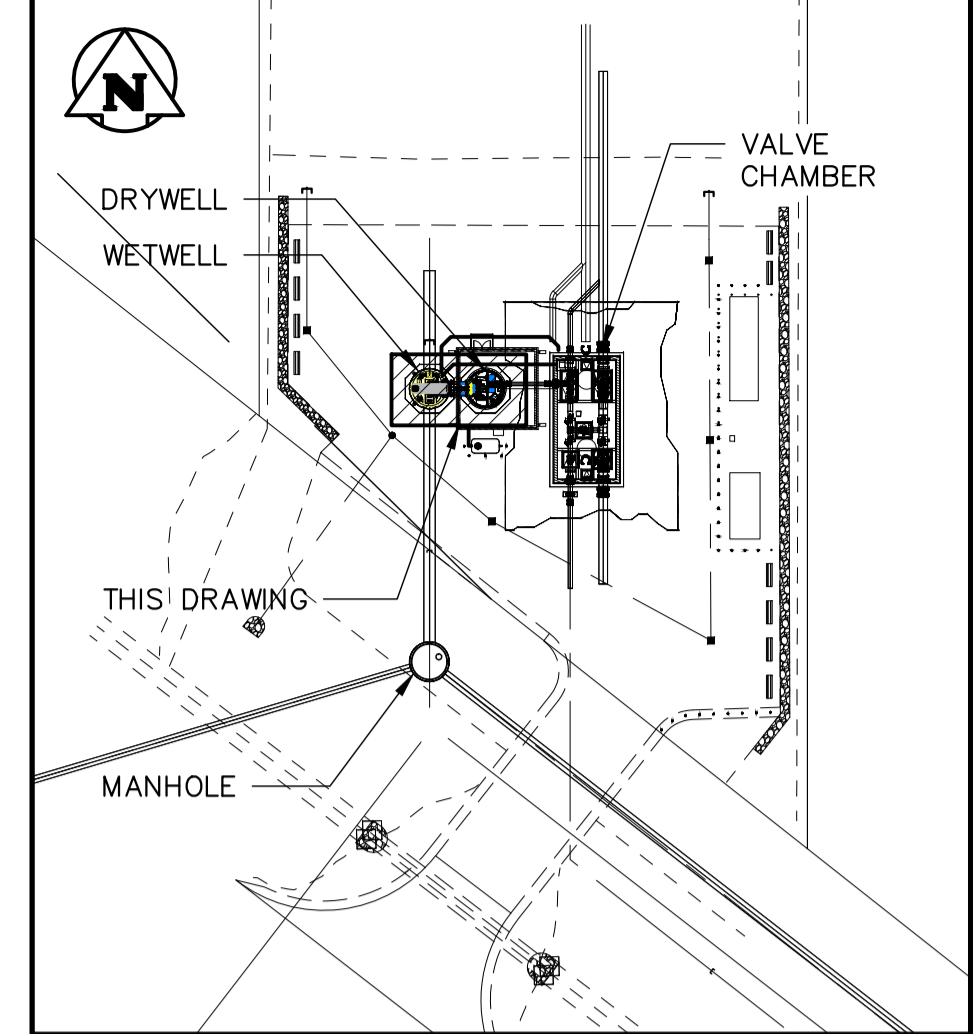
ENGINEER'S SEAL
CONSULTANT DRAWING NUMBER
23-0107-009_S1.2

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

CONSTRUCTION OF A NEW WASTEWATER LIFT STATION - CENTREPORT SOUTH REGIONAL WATER AND WASTEWATER SERVICING PHASE 1A (CONTRACT 1A)

STRUCTURAL
LIFT STATION FOUNDATION

CITY DRAWING NUMBER: **1-0241L-S0002-001** SHEET **18** OF **120**



SITE PLAN
SCALE: 1:800

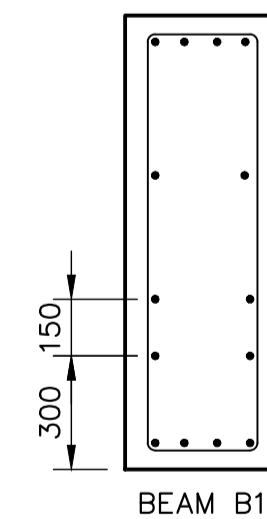
MARK	DIAMETER	T/O PILE ELEVATION	LENGTH OF ROCK SOCKET	VERTICAL REINFORCEMENT	TIES	REMARKS
P1	600	239.700	2000	6-25M	2-15M TOP 15M @ 300 O/C REM.	STEEL PIPE SLEEVE WITH EXTERIOR BITUMINOUS COATING (SEE NOTE BELOW).

NOTE:

- PERMANENT SLEEVES ONLY REQUIRED IF PILE INSIDE AN EXCAVATION AND COMPACTED BACKFILL USED.
- PERMANENT SLEEVES NOT REQUIRED IF BACKFILL IS STABILIZED FILL OR OTHER SELF-COMPACTING FILL.
- SEE REF 5. REGARDING TEMPORARY SLEEVING DURING PILE CASTING.
- REFER TO GEOTECHNICAL REPORT FOR PILE INSTALLATION RECOMMENDATIONS.

MARK	THICKNESS	REINFORCING			REMARKS
		TOP	BOTTOM	ADDITIONAL	
SL1	450	20M @ 300 O/C E.W.	20M @ 300 O/C E.W.		
SL2	300	15M @ 300 O/C E.W.	15M @ 300 O/C E.W.		STRUCTURAL SLAB ON 150 VOID FORM.
SL3	150	15M @ 300 O/C E.W. (MIDDLE)	-	15M HOOKED DOWELS @ 300 O/C FROM GRADE BEAM INTO SLAB.	SLAB ON GRADE ON 150 COMPACTED GRANULAR.

MARK	WIDTH	DEPTH	REINFORCING				REMARKS
			TOP	MIDDLE	BOTTOM	STIRRUPS	
B1	400	1200	4-25M	3-20M E.F. (SEE DIAGRAM)	4-25M	15M @ 300 O/C	20M X 1200 LG. VERT. HOOKED DOWELS @ 400 O/C T/O EXTERIOR GRADE BEAMS INTO MASONRY WALL (SEE MASONRY WALL SCHEDULE). SEE PLAN & DETAIL.
B2	300	600	3-25M		3-25M	15M @ 300 O/C	SEE PLAN & DETAIL.



10		
9		
8		
7		
6		
5	1-0241L-S0001-001	GENERAL NOTES
4	1-0241L-S0006-003	LIFT STATION DETAILS
3	1-0241L-S0006-002	LIFT STATION DETAILS
2	1-0241L-S0006-001	LIFT STATION DETAILS
1	1-0241L-S0004-001	LIFT STATION SECTION
NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE