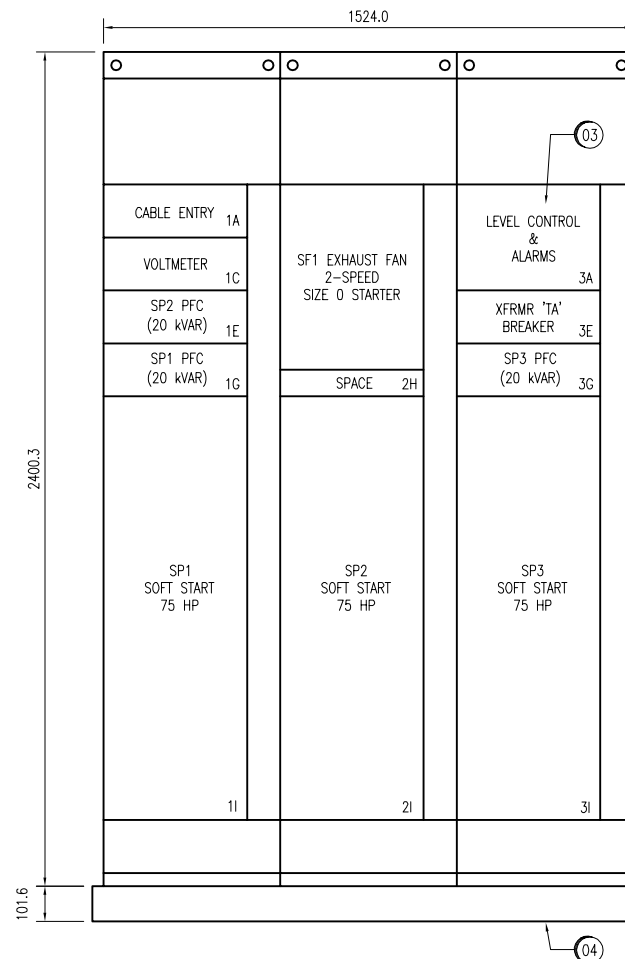


SECTION 1-1 LIFT STATION ELEVATION DETAIL
1:30



DETAIL A - MCC '6A' ELEVATION
1:10

GENERAL NOTES:

1. THE MOTOR CONTROL CENTRE SHALL BE COMPLETE WITH 600A, HORIZONTAL TIN PLATED COPPER BUS BARS, 300A VERTICAL TIN PLATED COPPER BUS BARS. THE MCC SHALL HAVE AN INTEGRAL 15KVA TRANSFORMER, PANELBOARD, 15A BREAKER, THREE 75 HP SOFT STARTERS, CAP BANKS, AND A CONTROL CELL AS SHOWN IN THE DETAIL.
2. THE TOTAL WEIGHT OF THE MCC IS APPROXIMATELY 1077 KG'S, AND SHALL BE SHIPPED IN 3 SEPARATE SECTIONS FROM THE FACTORY IN ORDER TO FACILITATE ENTRY INTO THE LOWER LEVEL OF THE LIFT STATION. THE CONTRACTOR SHALL ASSEMBLE ALL 3 MCC SECTIONS ON SITE.
3. SUPPLY AND INSTALL THICK PLASTIC LAMACOID NAMEPLATES ON MCC SECTIONS. LAMACOIDS SHALL INCLUDE THE TEXT AS SHOWN ON THE MCC DETAIL.
4. SUPPLY AND INSTALL NEW, COMPLETE TYPEWRITTEN PANEL DIRECTORY FOR PANELBOARD '2A'.
5. ALL DISCONNECT SWITCHES / BREAKERS WITHIN THE MCC SHALL BE EQUIPPED WITH 'LOCK OFF' DEVICES.

SPECIFIC NOTES:

- 01 COMPLETE STAIR HAND RAIL MODIFICATIONS AS REQUIRED IN ORDER TO ACCOMMODATE MCC '6A'.
- 02 WHERE CIRCUIT NUMBERS ARE MARKED AS "(UNKNOWN)", THE ELECTRICAL CONTRACTOR SHALL SITE CONFIRM AND CIRCUIT TRACE THE CIRCUIT NUMBERS TO DETERMINE THEIR USE. THE CONTRACTOR SHALL INDICATE THE USE AND PROVIDE A DESCRIPTION, IN THE PANEL DIRECTORY.
- 03 SUPPLY AND INSTALL TERMINAL BLOCKS, RELAYS, MOTOR ALTERNATOR, ETC IN MCC CELL. RELOCATE THE PRECISION DIGITAL METER FROM THE EXISTING MCC TO THE NEW MCC. PROVIDE CUSTOM MODIFICATIONS AS REQUIRED.
- 04 COMPLETE DEMOLITION OF EXISTING CONCRETE PAD. SUPPLY AND INSTALL NEW 102mm CONCRETE HOUSEKEEPING PAD TO ACCOMMODATE NEW MCC.
- 05 THE CONTRACTOR SHALL INCLUDE ALL PROVISIONS TO REMOVE THE EXISTING MCC (2 SECTIONS - REFER TO EXISTING SINGLE LINE DRAWING FOR DETAILS) AND ALL ASSOCIATED DEVICES, LOCATED AT THIS LOCATION (IN ORDER TO PROVIDE ROOM TO INSTALL THE NEW MCC '6A'). INCLUDE ALL PROVISIONS TO INSTALL NEW MCC '6A' AT THIS LOCATION, INCLUDING TRANSPORTATION AND INSTALLATION (IE/ GETTING THE MCC DOWN INTO WORKSPACE WITHOUT DAMAGE ETC.).

PANEL: 2A, C/W 50A MAIN BREAKER & TVSS				VOLTAGE: 120/208 BUS: 100A, COPPER BUS, TOP ENTRY			PHASE: 3 WIRE: 4						
DESCRIPTION	CABLE NO	LOAD WATTS	BKR SIZE	CIRCUIT	BKR SIZE	LOAD WATTS	CABLE NO	DESCRIPTION					
1ST FLOOR LIGHTS			15	1	2	15		ALARM PANEL					
2ND / 3RD FLOOR LIGHTS			15	3	4	15		1ST FLOOR PLUGS					
FAN			15	5	6	15		CONTROL PANEL					
2ND FLOOR PLUGS			15	7	8	15		(UNKNOWN)					
3RD FLOOR PLUGS			15	9	10	30		UNIT HEATER RECEPTACLE					
SUMP PUMP			15	11	12	2P							
SPARE			15	13	14			SPACE					
SPARE			15	15	16			SPACE					
SPARE			15	17	18			SPACE					
SPARE			15	19	20			SPACE					
SPARE			15	21	22			SPACE					
SPARE			15	23	24			SPACE					
SPARE			15	25	26			SPACE					
SPARE			15	27	28			SPACE					
SPARE			15	29	30			SPACE					
				HTG.	-	LTG.	-	MTR.	-	MISC.	-	TOTAL	- kW



B.M. ELEV.	FIELD BOOK #:			SNC-LAVALIN INC. 148 Noture Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080		ENGINEER'S SEAL
POSTED TO LBIS		DESIGNED BY	D.E. BECKER	CHECKED BY	C. ASMUNDSON	 2008 PUMPING STATION UPGRADES INSTALLATION OF NEW PUMPING UNITS AND MODIFICATIONS TO THE BALTIMORE WASTEWATER PUMPING STATION SECTION AND SCHEDULES LIFT STATION AND MCC 6A CITY DRAWING NUMBER SHEET REV. SIZE 06799 5 OF 17 5 01 D
		DRAWN BY	D.E. BECKER	APPROVED BY	C. REIMER	
		HOR. SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION		
		VERTICAL		DATE		
01 ISSUED FOR TENDER	2008/07/25	DATE	2007/04/12	DATE		
00 ISSUED FOR TENDER	2007/12/11	DATE		DATE		
NO. REVISIONS		DATE		BY		

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT	
2008 PUMPING STATION UPGRADES INSTALLATION OF NEW PUMPING UNITS AND MODIFICATIONS TO THE BALTIMORE WASTEWATER PUMPING STATION SECTION AND SCHEDULES LIFT STATION AND MCC 6A	
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