

GENERAL NOTES:

1. CABLE LENGTH IS APPROXIMATE ONLY AND IS NOT TO BE CONSTRUED AS ACCURATE.

CABLE LIST

CABLE #	SOURCE	DESTINATION	VOLTS	CABLE TYPE	LENGTH (MTRS)
XFS-1-P1	MOTOR CONTROL CENTER MCC-1	GENERATOR TRANSFER SWITCH XFS-1	600V	4 - 1C 500 MCM RW90 & 1C #3 AWG GND IN 103mm RGS CONDUIT	5
GEN-1-P1	GENERATOR TRANSFER SWITCH XFS-1	GENERATOR	600V	4 - 1C 500 MCM RW90 & 1C #3 AWG GND IN 103mm RGS CONDUIT	11
MCC-1-P1	GENERATOR TRANSFER SWITCH XFS-1	MOTOR CONTROL CENTER MCC-1	600V	4 - 1C 500 MCM RW90 & 1C #3 AWG GND IN 103mm RGS CONDUIT	5
XFRMR-TA-P1	MOTOR CONTROL CENTER MCC-1	TRANSFORMER TA	600V	2 - 1C #10 AWG RW90 & 1C #8 AWG GND IN 27mm EMT CONDUIT	11
PNL-A-P1	TRANSFORMER TA	PANEL A	240V	3 - 1C #4 AWG RW90 & 1C #8 AWG GND IN 35mm EMT CONDUIT	3
PNL-A-P2	PANEL A	GENERATOR ALTERNATOR HEATER	120V	2 - 1C #12 AWG RW90 & #14 AWG GND IN 21mm EMT CONDUIT	15
PNL-A-P3	PANEL A	GENERATOR OIL PAN / BLOCK HEATER	120V	2 - 1C #12 AWG RW90 & #14 AWG GND IN 21mm EMT CONDUIT	15
PNL-A-P4	PANEL A	GENERATOR BATTERY HEATER	120V	2 - 1C #12 AWG RW90 & #14 AWG GND IN 21mm EMT CONDUIT	15
PNL-A-P5	PANEL A	GENERATOR BATTERY CHARGER	120V	2 - 1C #12 AWG RW90 & #14 AWG GND IN 21mm EMT CONDUIT	15
PNL-A-P6	PANEL A	JUNCTION BOX #1	120V	2 - 1C #14 AWG RW90 & #14 AWG GND IN 21mm EMT CONDUIT	15
PNL-A-P7	JUNCTION BOX #1	NATURAL GAS DETECTOR	24V	2 - 1C #12 AWG RW90 & #14 AWG GND IN 21mm EMT CONDUIT	10
PNL-A-P8	PANEL A	EMERGENCY BATTERY PACK	120V	2 - 1C #12 AWG RW90 & #14 AWG GND IN 21mm EMT CONDUIT	10
RS-1-C1	NATURAL GAS MONITOR	REMOTE SENSOR	-	#16 TWISTED & SHIELDED CABLE IN 53mm CONDUIT PER MANUFACTURER'S SPEC	3
JB1-P1	JUNCTION BOX #1	VENTILATION INTAKE MOT. DAMPER #1	120V	2 - 1C #14 AWG RW90 & #14 AWG GND IN 21mm EMT CONDUIT	10
JB1-P2	JUNCTION BOX #1	VENTILATION INTAKE MOT. DAMPER #2	120V	2 - 1C #14 AWG RW90 & #14 AWG GND IN 21mm EMT CONDUIT	10
JB1-P3	JUNCTION BOX #1	VENTILATION EXHAUST MOT. DAMPER	120V	2 - 1C #14 AWG RW90 & #14 AWG GND IN 21mm EMT CONDUIT	10
JB1-P4	JUNCTION BOX #1	NATURAL GAS SHUTOFF VALVE 1 SOL.	120V	2 - 1C #14 AWG RW90 & #14 AWG GND IN 21mm EMT CONDUIT	10
JB1-P5	JUNCTION BOX #1	NATURAL GAS SHUTOFF VALVE 2 SOL.	120V	2 - 1C #14 AWG RW90 & #14 AWG GND IN 21mm EMT CONDUIT	10
JB1-C1	JUNCTION BOX #1	NATURAL GAS DETECTOR	120V	5 - 1C #14 AWG RW90 & #14 AWG GND IN 21mm EMT CONDUIT	10
JB1-C2	JUNCTION BOX #1	MCC-1 VENTILATION EXHAUST STARTER	120V	2 - 1C #14 AWG RW90 & #14 AWG GND IN 21mm EMT CONDUIT	10
JB1-C3	JUNCTION BOX #1	VENTILATION THERMOSTAT	120V	2 - 1C #14 AWG RW90 & #14 AWG GND IN 21mm EMT CONDUIT	10
JB1-C4	JUNCTION BOX #1	MCC-1 CONTROLS HAND-OFF-AUTO	120V	5 - 1C #14 AWG RW90 & #14 AWG GND IN 21mm EMT CONDUIT	10
GEN-1-C1	GENERATOR GEN-1	GENERATOR TRANSFER SWITCH XFS-1	120V	6 - 1C #14 AWG STRANDED CU RW90 & #14 AWG GND IN 21mm EMT CONDUIT	12
GEN-1-C2	GENERATOR GEN-1	MCC-1 CONTROL / ALARMS SECTION	120V	6 PAIR #16 AWG, C/C, CU STRANDED, TWISTED SHIELDED PAIR, & #14 AWG GND IN 21mm EMT CONDUIT	12
XFS-1-C1	GENERATOR TRANSFER SWITCH XFS-1	MCC-1 CONTROL / ALARMS SECTION	120V	6 PAIR #16 AWG, C/C, CU STRANDED, TWISTED SHIELDED PAIR, & #14 AWG GND IN 21mm EMT CONDUIT	11

1044, 1046, 1048	SUPERCEDED DRAWING SET
06053	STRUCTURAL DRAWING SET
06051-06052	MECHANICAL DRAWING SET
06090-06092	ELECTRICAL DRAWING SET
06044-06049	ELECTRICAL DRAWING SET
DRAWING NUMBER	REFERENCE DRAWINGS



B.M. ELEV.	FIELD BOOK #:		 SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080	
POSTED TO LBIS				
DESIGNED BY D. BECKER	CHECKED BY C. ASMUNDSON	DRAWN BY D. CALVERLEY	APPROVED BY C. ASMUNDSON	
HOR. SCALE VERTICAL	DATE 07/04/30	RELEASED FOR CONSTRUCTION	DATE	
00	ISSUED FOR CONSTRUCTION	08/01/18	AED	
NO.	REVISIONS	DATE	BY	
FILENAME: 113049-47DD-0000-0009.dwg				ENGINEER'S SEAL C.G. ASMUNDSON REGISTERED PROFESSIONAL ENGINEER

 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT	WINDSOR PARK WASTEWATER PUMPING STATION GENERATOR UPGRADE SCHEDULE ELECTRICAL CABLE LIST
CITY DRAWING NUMBER 06049	SHEET REV. SIZE 001 00 D
BID OPPORTUNITY NO. 66-2008	