FROM UTILITY 4160V Ħ FU-UTIL 3x50KVA UTILITY _______ CITY OF WINNIPEG — 4-1C, 3/0 AWG, RW90 **(** A) MAIN DISTRIBUTION 1 347/600V, 3ø, 4W) 300A 300A — 4-1C, 3/0 AWG, RA90 MAIN DISTRIBUTION 2 347/600V, 3ø, 4W 300A o √ 30A ○ \ 15A ○ \ 15A √ 175A ⁶ \ 175A T-1 600:120/240V 15 KVA, 1.35%Z P-U01 UNDERPASS PUMP 600V, 3ø PNL-A 120/240 1ø, 3W 225A 24 CCT P-U02 UNDERPASS PUMP 600V, 3ø MAIN FLOOR UNIT HEATER UH-1 10 KW MAIN FLOOR UNIT HEATER UH-2 10 KW 55.95 KW 55.95 KW (75 HP) 68.3 FLA (75 HP) 68.3 FLA 1170 RPM 1170 RPM

DRAWING NUMBER

REFERENCE DRAWINGS

GENERAL NOTES

- 1. SOME OF THE INFORMATION ON THIS DRAWING IS BASED ON INFORMATION PROVIDED ON EXISTING DRAWINGS AND MAY NOT HAVE BEEN VERIFIED.
- 2. THE EXTENT OF THE DESIGN INCLUDES THE DEMOLITION OF THE EQUIPMENT AS SHOWN.

DEMOLITION NOTES

- PROVIDE DEMOLITION OF EXISTING CUSTOMER-OWNED SERVICE CONDUCTORS. COORDINATE WITH MANITOBA HYDRO TO PERFORM A SERVICE SHUTDOWN.
- PROVIDE DEMOLITION OF EXISTING MAIN DISTRIBUTION PANELS AND ALL ASSOCIATED CABLING AND CONDUIT.
- PROVIDE DEMOLITION OF EXISTING 600:120/240V TRANSFORMER AND ALL ASSOCIATED CABLING AND CONDUIT.
- PROVIDE DEMOLITION OF EXISTING 120/240V PANELBOARD AND ALL ASSOCIATED CABLE AND CONDUIT.
- PROVIDE DEMOLITION OF EXISTING UNIT HEATERS AND ASSOCIATED CABLING, CONDUIT, AND CONTROLS. PROVIDE DEMOLITION OF EXISTING PUMP MOTOR FEEDERS. RETAIN EXISTING CONDUIT FOR RE-USE.
- G PROVIDE DEMOLITION OF ALL GROUND CABLING.
- PROVIDE DEMOLITION OF EXISTING UTILITY METER AND ASSOCIATED CONDUIT, CABLING, AND ENCLOSURE. RETAIN METER FOR RE-USE.

						SNC+LAVALIN	SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080	ENGINEER'S SEAL
					DESIGNED BY: B. CLEVEN	CHECKED BY: D. BECKER	ORIGINAL DRAWING SEALED BY: B. J. CLEVEN	
APEGI						DRAWN BY: Y. KONIG	APPROVED BY: I. PARKINSON	SNC-LAVALIN INC. MEMBER # 31479
Certificate of Authorization						SCALE: 1:20	ISSUED FOR CONSTRUCTION BY: K. ZUREK	2016-'08-29 REV. 00
SNC-Lavalin Inc.						DATE: 2016/05/17	DATE: 2016-08-29	1,2,, 00
No. 4489	00	ISSUED FOR TENDER, BID OPP. 767-2016	2016/08/23	BJC		CONSULTANT NO.:		
	NO.	REVISIONS	DATE	DESIGN	CHECK			

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

ROUTE 90 UNDERPASS PUMPING STATION 2016 UPGRADES ELECTRICAL SINGLE LINE DIAGRAM DEMOLITION

SHEET REV. SIZE CITY DRAWING NUMBER 001 | 00 | A1

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