



GENERAL NOTES:

1. ALL CONDUIT AND CABLING IS NEW AND TO BE PROVIDED BY THE CONTRACTOR.
2. ALL EQUIPMENT SHOWN ON THIS DRAWING IS NEW UNLESS OTHERWISE INDICATED AS EXISTING.

SPECIFIC NOTES:

- ① PROVIDE NEW EXHAUST FAN AS SHOWN. CONTRACTOR TO PROVIDE ALL CONDUIT AND CABLING REQUIRED FOR COMPLETE INSTALLATION OF POWER AND CONTROLS. EF-C640 IS 600V, EF-C641 IS 208V, 3 PHASE FROM EXTERNAL VFD (120V SINGLE PHASE TO VFD), AND EF-C642 IS 120V. REFER TO DRAWING 1-0630M-E0079, E0080, E0082 FOR WIRING DETAILS.
- ② PROVIDE NEW DAMPER ACTUATORS AS SHOWN INCLUDING ALL ASSOCIATED CONDUIT AND CABLING REQUIRED FOR THE COMPLETE INSTALLATION OF ALL POWER AND CONTROLS. PROVIDE ALL MOUNTING ACCESSORIES REQUIRED TO INSTALL DAMPERS. CONTRACTOR IS RESPONSIBLE TO PROVIDE A MOUNTING SCHEME. PROVIDE WEATHERPROOF ENCLOSURE FOR ALL OUTDOOR ACTUATORS.
- ③ PROVIDE NEW NON-FUSIBLE, WEATHERPROOF DISCONNECT SWITCH RATED FOR THE MOTOR. PROVIDE ALL MOUNTING ACCESSORIES REQUIRED TO INSTALL DISCONNECT SWITCH. PROVIDE DISCONNECT SWITCH COMPLETE WITH AUXILIARY CONTACT FOR READY SIGNAL.
- ④ INSTALL RECEPTACLES A MINIMUM OF 750 mm ABOVE THE ROOF FINISHED FLOOR TO ACCOMMODATE SNOW ACCUMULATION. RECEPTACLE SHALL BE 5-20R CSA CONFIGURATION, PROTECTED BY A CLASS A TYPE GFCI BREAKER, AND TO HAVE A WET LOCATION COVERPLATE MARKED "EXTRA-DUTY" AS PER CITY OF WINNIPEG BYLAW 26-710. RECEPTACLE TO BE LOCATED WITHIN 7.5 METERS OF EF-C640, EF-C641, EF-C642.

- ⑤ PROVIDE NEW EMERGENCY OUTDOOR INTAKE DAMPER ACTUATOR AS SHOWN INCLUDING ALL ASSOCIATED CONDUIT AND CABLING REQUIRED FOR THE COMPLETE INSTALLATION OF ALL POWER AND CONTROLS. PROVIDE ALL MOUNTING ACCESSORIES REQUIRED TO INSTALL DAMPERS. CONTRACTOR IS RESPONSIBLE TO PROVIDE A MOUNTING SCHEME. PROVIDE WEATHERPROOF ENCLOSURE FOR ACTUATORS.

DRAWING NUMBER	REFERENCE DRAWINGS
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METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
0.0 0.75 1.5 3.0 4.5
1:75

ENGINERS
GEOSCIENTISTS
MANITOBA
Certificate of Authorization
AtkinsRéalis Canada Inc.
No. 4489

02	REISSUED FOR TENDER AND CONSTRUCTION	2025/10/28	VE	VE
01	ISSUED FOR ADDENDUM NO. 7	2025/07/10	VE	VE
00	ISSUED FOR TENDER AND CONSTRUCTION	2025/04/30	VE	VE
NO.	REVISIONS	DATE	DESIGN	CHECK

AtkinsRéalis	148 Nature Park Way, Winnipeg, Manitoba Canada R3P 0X7 204-786-8080	ENGINEER'S SEAL
DESIGNED BY: B. WILKS	CHECKED BY: V. ELIMBAN	
DRAWN BY: B. WILKS	APPROVED BY: V. ELIMBAN	
SCALE: 1:75	ISSUED FOR CONSTRUCTION BY: M. SKINNER	
DATE: 2023/05/23	DATE: 2025/04/30	
CONSULTANT NO.:		

THE CITY OF WINNIPEG Winnipeg	WATER AND WASTE DEPARTMENT
MACLEAN PUMPING STATION CHLORINE SYSTEM UPGRADES ELECTRICAL EQUIPMENT PLAN CHLORINE BUILDING ROOF	
CITY DRAWING NUMBER 1-0630M-E0075	SHEET 001 02 A1 SIZE