



GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY WORK NOT EXPLICITLY SET OUT IN THE CONTRACT DOCUMENTS BUT WHICH MAY BE REASONABLY IMPLIED FOR THE PROPER COMPLETION OF THE WORK
2. THESE PLANS ARE SCHEMATIC IN NATURE AND INDICATE THE APPROXIMATE AND GENERAL LOCATION OF WORK. CONTRACTOR SHALL INSTALL WORK THROUGH COORDINATION WITH OTHER TRADES AND TO SUIT FIELD CONDITIONS. ALL ITEMS INDICATED ARE FOR REFERENCE ONLY. ALL ITEMS INTERFERING WITH NEW CONSTRUCTION SHALL BE REMOVED AT NO ADDITIONAL COST. EXAMINE SITE AND LOCAL CONDITIONS DURING SITE WALK THROUGH TO ESTABLISH ALL INFORMATION PERTANING TO THE ELECTRICAL DEMOLITION SCOPE OF WORK. NO EXTRA COMPENSATION SHALL BE ALLOWED DUE TO FAILURE TO MAKE THIS EXAMINATION.
3. ALL DEMOLISHED MATERIAL AND EQUIPMENT SHALL BE TRANSPORTED OFF SITE TO AN APPROPRIATE FACILITY.
4. COORDINATE WORK WITH OTHER SUB-TRADES.
5. PERFORM ALL WORKS IN ACCORDANCE WITH NATIONAL BUILDING CODE, TO CANADIAN ELECTRICAL CODE, TO NATIONAL ENERGY CODE AND TO NATIONAL FIRE CODE, ALL LOCAL CODES, BY-LAWS AND STANDARDS.
6. INVESTIGATE SITE PRIOR TO CONSTRUCTION TO CONFIRM ALL DIMENSIONS AND INSTALLATION REQUIREMENTS. ANY DISCREPANCIES OR QUESTIONS SHALL BE BROUGHT TO ATTENTION OF THE ENGINEER PRIOR TO BID DATE.
7. PERFORM ALL CUTTING AND PATCHING NECESSARY FOR ANY REQUIRED OPENINGS.
8. MAKE GOOD ANY WALL, FLOOR, AND CEILING SURFACES AFFECTED BY DEMOLITION WORKS UNLESS OTHERWISE INDICATED.
9. MAINTAIN INTEGRITY OF ALL SYSTEMS IN AREAS INCLUDED AND NOT INCLUDED ON THIS PROJECT. IDENTIFY BREAKERS, WIRING, LIGHTING, FIRE ALARM AND SYSTEMS IN GENERAL AND JUNCTION BOXES BEFORE PROCEEDING WITH WORK. CONTACT OWNER/CONSULTANT IF UNSURE BEFORE ANY ACTION OF RELOCATION, DEMOLITION OR INTERRUPTION OF SERVICES.
10. ARRANGE INSTALLATION AND ALL SHUTDOWNS OF ELECTRICAL SYSTEMS TO SUIT OWNER 'S OPERATING HOURS AND SCHEDULE. ALLOW FOR WEEKEND AND NIGHT WORK FOR ALL REQUIRED SHUTDOWNS. ELECTRICAL CONTRACTOR TO ENSURE ALL SHUTDOWNS ARE KEPT TO A MINIMUM. ELECTRICAL CONTRACTOR SHALL CARRY ALL COST ASSOCIATED WITH SHUTDOWNS AND RE-ENERGIZATION OF SYSTEMS AT END OF WORKING DAY (INCLUDING FIRE ALARM SYSTEM).
11. BUILDING SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. ELECTRICAL CONTRACTOR SHALL CONFIRM SEQUENCE OF PHASE WORK WITH CONSULTANT/OWNER PRIOR TO COMMENCING WORK.

KEYNOTES

- 1 CONFIRM THE NEW MCC (400A,600V/3PHASE/4W) IS INSTALLED ON-SITE PRIOR TO THE COMMENCEMENT OF THIS PROJECT.
- 2 CONFIRM THE NEW PANEL (225A,120/208V/3PHASE/4W) IS INSTALLED ON-SITE PRIOR TO THE COMMENCEMENT OF THIS PROJECT.
- 3 DISCONNECT AND REMOVE EXISTING WIRING AND CONDUIT ALL THE WAY BACK TO SOURCE PANEL. DEMOLISH EXISTING ELECTRIC HEATING COIL.
- 4 DEMOLISH EXISTING DISCONNECT SWITCH. DISCONNECT AND REMOVE EXISTING WIRING AND CONDUIT ALL THE WAY BACK TO SOURCE MCC. DEMOLISH EXISTING ELECTRIC UNIT HEATER.
- 5 DEMOLISH THE EXISTING BREAKERS OF ELECTRIC HEATER HE3. RETAIN EXISTING BREAKERS OF ELECTRIC HEATER HE1.
- 6 DEMOLISH THE EXISTING THERMOSTAT SERVING UNIT HEATER C/W ALL CABLING
- 7 DEMOLISH EXISTING EXHAUST FAN AND ASSOCIATED DISCONNECT SWITCH AND CONTROL. DISCONNECT AND REMOVE EXISTING WIRING AND CONDUIT ALL THE WAY BACK TO SOURCE PANEL.
- 8 DEMOLISH THE EXISTING BREAKERS OF EXHAUST FAN HF1 AND HF2.

SYMBOL/LEGEND SYSTEMS	
	MOTOR CONNECTION C/W DISCONNECT
	MOTOR
	UNIT HEATER
	THERMOSTAT

ABBREVIATIONS	
R	RELOCATED DEVICE
D	EXISTING DEVICE TO BE DEMOLISHED
ER	EXISTING DEVICE TO BE RELOCATED
E	EXISTING DEVICE TO REMAIN

2	ISSUED FOR ADDENDUM 3	25-10-01	H.M.
1	RE-ISSUED FOR CONSTRUCTION	25-08-27	H.M.
0	ISSUED FOR CONSTRUCTION	25-06-27	H.M.
NO.	REVISIONS	DATE (YYYY/MM/DD)	BY

DESIGNED BY	S.N.	CHECKED BY	H.M.
DRAWN BY	S.N.	APPROVED BY	H.M.
SCALE:	AS NOTED		
HORIZONTAL			
VERTICAL			
RELEASED FOR CONSTRUCTION	2025/08/27		
DATE (YYYY/MM/DD)			

BID OPP: 808-2025
CONTRACT NUMBER: #

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
E1.0

FILE PATH:
FILE NAME:

Alliance
ENGINEERING SERVICES INC

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING SERVICES DIVISION

MACLEAN RESERVOIR VALVE HOUSE
VENTILATION UPGRADE
EXISTING POWER PLAN - GROUND FLOOR

CITY FILE NUMBER W-938
SHEET 1 OF 7
CITY DRAWING NUMBER 1-0630R-E0007-001