



NOTES:

1. DISCONNECT EXISTING BREATHING AIR COMPRESSORS AND ASSOCIATED CONTROLS UPON COMMISSIONING OF THE NEW BREATHING AIR SYSTEM.
2. WIRE AND CONNECT 30HP COMPRESSOR PACKAGES AC-1 AND AC-2, 460V-3PH. INSTALL, WIRE AND CONNECT 600V-460V TRANSFORMERS SUPPLIED BY COMPRESSOR VENDOR AND VFD CONTROLLER. FEED EACH COMPRESSOR FROM A NEW MATCHING 50A-3P CIRCUIT BREAKER IN PANEL LP-RB WITH 3#8 TECK.
3. WIRE AND CONNECT DRYER/BREATHING AIR PACKAGE TO A NEW MATCHING 15A-1P CIRCUIT BREAKER IN PANEL PBL WITH 2#12 TECK.
4. BREATHING AIR SYSTEM REMOTE ALARM PANEL. WIRE TO A NEW MATCHING 15A-1P CIRCUIT BREAKER IN PANEL AA AND ASSOCIATED MECHANICAL SYSTEM CONTROLLERS AND REMOTE ALARMS.
5. EXISTING VISUAL AND AUDIBLE ALARMS. TIE TO BREATHING AIR CONTROL PANEL. PROVIDE MATCHING SIGNALS. ALL WIRING WITHIN PAINT BOOTHS TO BE SUITABLE FOR CLASS 1 ZONE 1 INSTALLATION.

SYMBOL LEGEND

- ELECTRIC MOTOR. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION.
- DISCONNECT SWITCH BY ELECTRICAL CONTRACTOR.
- PANELBOARD.
- JUNCTION BOX.
- ALARM HORN.
- ALARM STROBE LIGHT.

1 PARTIAL MAIN FLOOR PLAN - ELECTRICAL LAYOUT
1/8" = 1'-0"

01	ISSUED FOR ADDENDUM #1	08.10.22	T.S.
00	ISSUED FOR TENDER	08.10.09	L.K.
NO.	DESCRIPTION	DATE	ISSUED BY

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CLIENT
**CITY OF WINNIPEG
TRANSIT DEPARTMENT**

WARDROP | Engineering Inc.

PROJECT NAME
WINNIPEG TRANSIT - OSBORNE STREET GARAGE
PAINT BOOTH BREATHING AIR SYSTEM UPGRADE

DRAWING DESCRIPTION
**PARTIAL MAIN FLOOR PLAN
ELECTRICAL LAYOUT**



ISSUED FOR INFORMATION ONLY NOT TO BE USED FOR CONSTRUCTION	DESIGNED BY: L.K.	DRAWN BY: T.S.	CHECKED BY: L.K.
	APPROVED BY: AR		
	SCALE: AS NOTED	DATE: 08.04.08	
	DRAWING NO. 0829720102-DWG-E0001	REV. 01	

