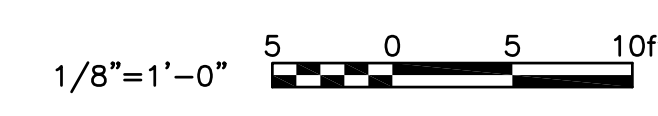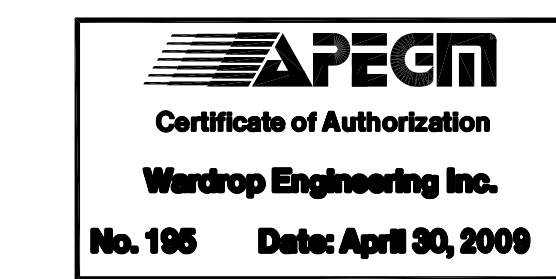## NOTES:

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. WIRE DRAIN VALVES TO A NEW MATCHING 15A-1P CIRCUIT BREAKER IN PANEL PBL.

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 PBL 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.

CORRIDOR

STORAGE

SIGN/PAINT PREPARATION SHOP

NOTE 4

NOTE 1

NOTE 5

PAINT BOOTH NO.1

PAINT BOOTH NO.2

PAINT BOOTH NO.3

PAINT BOOTH NO.4

EXISTING 120/208V PANEL PBL
EXISTING 600V PANEL LP-RB

MECHANICAL (MAKEUP AIR UNIT) ROOM

NOTE 3

NOTE 2

AIR COMPRESSOR NO. 2

COMPRESSOR AREA

AIR COMPRESSOR NO. 1

OVERHAUL AND REPAIR AREA

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

1/8"=1'-0"   5   0   5   10ft.

00	ISSUED FOR TENDER		08.10.09	L.K.
NO.	DESCRIPTION		DATE	ISSUED BY

REVISIONS/ISSUE

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. 00

DM (24" x 36")