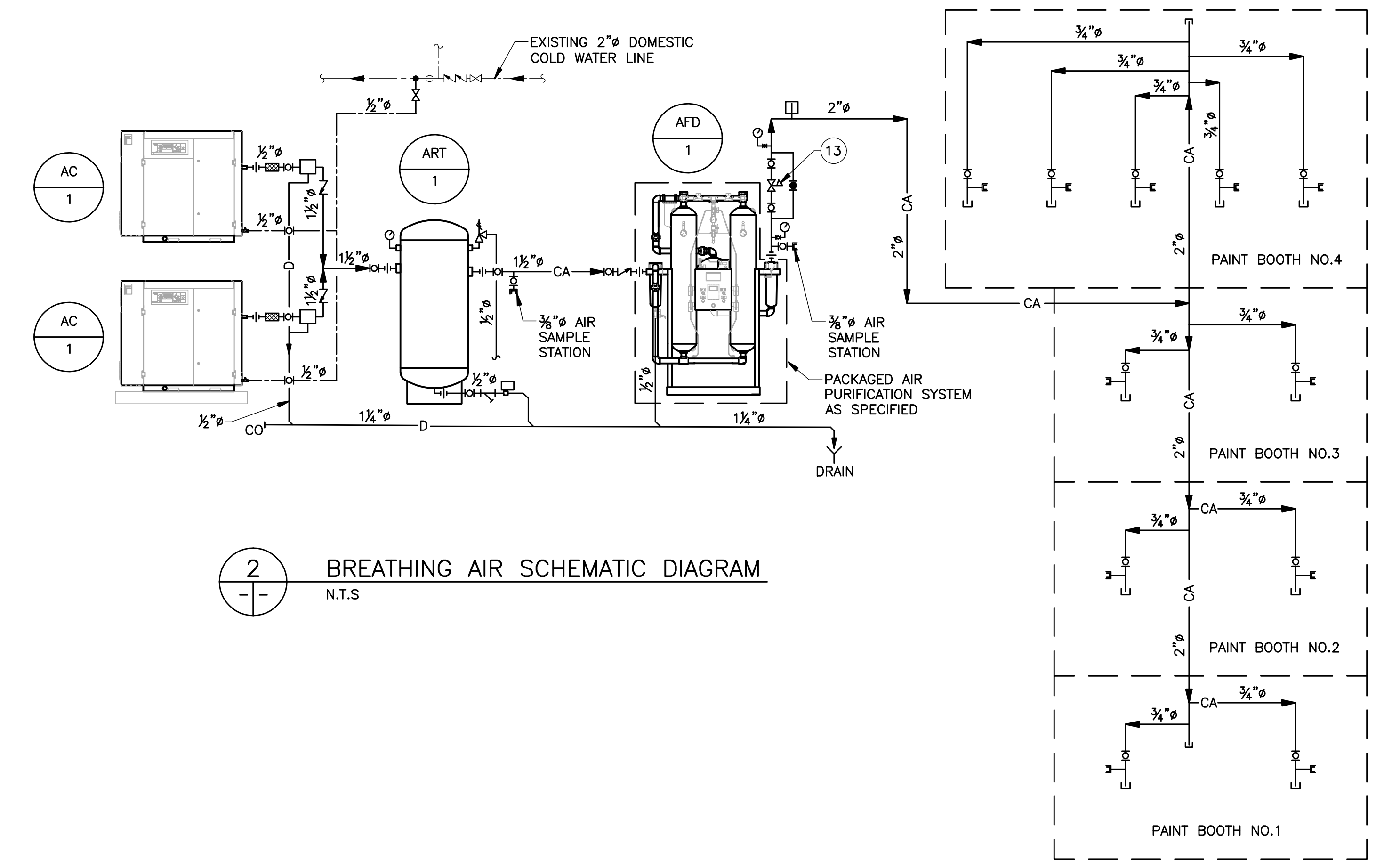


1
PARTIAL MAIN FLOOR PLAN
1/8" = 1'-0"



2
BREATHING AIR SCHEMATIC DIAGRAM
N.T.S.

GENERAL NOTES:

- DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO INSTALLATION.
- PROVIDE 2% SLOPE IN DIRECTION OF FLOW ON NEW COMPRESSOR DRAIN LINES.
- PROVIDE FRAMING ON NEW DUCT WALL OPENINGS.

DRAWING NOTES:

- AFTER THE COMPLETE INSTALLATION AND COMMISSIONING OF THE NEW BREATHING AIR SYSTEM, REMOVE EXISTING BREATHING AIR COMPRESSOR UNITS INCLUDING INTAKE AIR AND SUPPLY PIPING, COMPRESSOR WALL SUPPORTS AND CONTROL PANEL. PATCH AND SEAL INTAKE AIR PIPE OPENING ON ROOF AND PATCH ALL WALL PIPE PENETRATIONS.
- EXISTING DRAIN TO REMAIN.
- EXISTING SPRINKLER HEAD AND 1" COMPRESSED AIR LINE IN THE PROPOSED COMPRESSOR ROOM TO REMAIN.
- EXISTING WATER WASH PAINT BOOTH EXHAUST.
- EXISTING DUCT TO REMAIN.
- BREATHING AIR HOSE CONNECTING STATION C/W BALL VALVE, AIR PRESSURE REGULATOR (SET @ 28 PSI) AND QUICK-CONNECT COUPLING.
- PATCH ALL WALL PIPE PENETRATIONS.
- REMOVE EXISTING MOTOR STARTER AND THERMOSTAT ON THIS WALL INCLUDING CONDUITS AND WIRING AND RELOCATE TO THE SOUTH SIDE OF THE EXISTING DOOR. REMOVE EXISTING WALL CABINET AND TURN OVER TO THE OWNER.
- NEW LOCATION OF MOTOR STARTER AND THERMOSTAT.
- REMOVE EXISTING 24x8 EXHAUST DUCT. CAP AND SEAL DUCT ON THE COMPRESSOR ROOM SIDE.
- CONNECT NEW 1/2" DOMESTIC COLD WATER LINE APPROXIMATELY THIS LOCATION FROM THE EXISTING 2" DCW LINE. INSULATE DOMESTIC COLD WATER LINE WITH 1/2" FIBERGLAS 7 LB. DENSITY AND SEAL ALL BREAKS AND JOINTS WITH ASJ TAPE. INSULATE MAIN LINE TAPPING POINT WITH FIBERGLAS AND WITH THE SAME THICKNESS AS EXISTING.
- 1/2" DOMESTIC COLD WATER LINE TO SERVE WATER-INJECTED AIR COMPRESSOR UNITS.
- FISHER MODEL 95H-209 PRESSURE REDUCING VALVE. 125 PSI NOMINAL INLET PRESSURE AND 5-80 PSIG ADJUSTABLE OUTLET PRESSURE.

LEGEND

- CA COMPRESSED AIR LINE
- D DRAIN LINE
- DCW DOMESTIC COLD WATER LINE
- BV BALL VALVE
- CV CHECK VALVE
- PRV PRESSURE REDUCING VALVE
- AD AUTO DRAIN
- PRV PRESSURE RELIEF VALVE
- PG PRESSURE GAUGE
- CAP CAP
- FC FLEXIBLE PIPE CONNECTION
- APR AIR PRESSURE REGULATOR
- CC QUICK-CONNECT COUPLING
- CN CLEANOUT
- FD FIRE DAMPER
- MD MOTORIZED DAMPER
- BDD BACKDRAFT DAMPER

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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
COMPRESSED BREATHING AIR
AND VENTILATION**

PRELIMINARY DRAWING NOT TO BE USED FOR CONSTRUCTION	DESIGNED BY: WGN/LS	DRAWN BY: WGN	CHECKED BY: LS
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	SCALE: AS NOTED	DATE: 08.03.20	
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1/8" = 1'-0" 5 0 5 10ft.