

SYMBOL LEGEND:

	PRESSURE GAUGE	HWR	HOT WATER RETURN
	THERMOMETER	HWS	HOT WATER SUPPLY
	ISOLATION VALVE	FOR	FUEL OIL RETURN
	PRESSURE REGULATING VALVE	FOS	FUEL OIL SUPPLY
	STRAINER	DCW	DOMESTIC COLD WATER
	CONTROL VALVE	DHW	DOMESTIC HOT WATER
	BALANCING VALVE SYMBOL	DHWR	DOMESTIC HOT WATER RETURN
	STAINLESS STEEL FLEX CONNECTION	CPFR	CHEMICAL POT FEEDER RETURN
	AIR VENT	CPFS	CHEMICAL POT FEEDER SUPPLY

GENERAL NOTES:

- DO NOT SCALE THIS DRAWING. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION AND REPORT ANY DISCREPANCY TO THE DEPARTMENTAL REPRESENTATIVE.
- THE DRAWING ONLY SHOWS A GENERAL SCHEMATIC OF NEW SYSTEMS. ROUTING OF DUCTWORK AND UNITS LOCATIONS SHALL SUIT SITE CONDITIONS AND MAY HAVE TO BE CHANGED TO AVOID CONFLICTS WITH STRUCTURE, DUCTS AND PIPES. WHEN CONFLICT CANNOT BE AVOIDED, THE DUCTWORK SHALL BE MODIFIED AS REQUIRED.
- CONTRACTOR SHALL INCLUDE FOR AND PROVIDE ALL COORDINATION BETWEEN TRADES AND DEPARTMENTAL REPRESENTATIVE. ON AND OFF SITE AS REQUIRED FOR INSTALLATION OF MECHANICAL AND ELECTRICAL SYSTEMS, WHERE MINOR REROUTING OF DUCTWORK OR SERVICES IS REQUIRED DUE TO ONSITE CONDITIONS, IT SHALL BE PERFORMED AT NO ADDITIONAL COST.
- CONFORM TO SPECIFICATIONS AND MANUFACTURER GUIDES FOR MATERIALS AND UNITS' INSTALLATION DETAILS.
- INSTALL ALL MECHANICAL CONTROLS AT ACCESSIBLE HEIGHT, 1150mm UNLESS OTHERWISE DIRECTED BY THE ARCHITECT. PROVIDE LOCKING CLEAR COVER IN PUBLIC AREAS.
- PROVIDE SEISMIC RESTRAINTS FOR EQUIPMENT AND SERVICES PER SPECIFICATIONS, 23.05.16.

DRAWING KEYNOTES:

- DEMOLISH EXISTING BOILER CHIMNEY AND BREECHING.
- DEMOLISH EXISTING HWS/HWR PIPING IN BOILER ROOM AS INDICATED TO PERIMETER OF BOILER ROOM WITH EXCEPTION TO BRANCHES TO GLYCOL HX. BRANCHES TO GLYCOL HX TO REMAIN.
- CAP EXISTING HWS/HWR LINES AT PERIMETER OF ROOM AND HX BRANCH LINES TEMPORARILY. PREPARE FOR CONNECTION TO NEW PIPING.
- DEMOLISH BOTH EXISTING BOILERS, INCLUDING ALL FUEL PIPING BACK TO FUEL OIL PUMPS AND RELATED ACCESSORIES/CONTROLS. BOILERS TO BE DISMANTLED AND REMOVED FROM SITE IN PIECES. DEMOLISH EXISTING PAD FOR EXISTING B-2, RETAIN HOUSEKEEPING PAD FOR B-1
- EXISTING FUEL PUMPS TO REMAIN. DISABLE PUMPS UNTIL NEW BOILER IS IN PLACE AND OPERATIONAL. CAP LINES AT LOCATION OF NEW OIL FIRED BOILER AND PREPARE FOR CONNECTION TO NEW FUEL OIL PIPING.
- DEMOLISH EXISTING CIRCULATING PUMPS P-1 AND P-2, INCLUDING ALL ACCESSORIES/CONTROLS.
- DEMOLISH EXISTING EXPANSION TANK.
- DEMOLISH EXISTING COMBUSTION AIR DUCT. PREPARE FOR INSTALLATION OF NEW DUCT.
- EXISTING SPRINKLER MANIFOLD
- EXISTING WATER SERVICE ENTRY



3	ISSUED FOR CONSTRUCTION	2022-05-17
2	99% CONSTRUCTION DOCUMENT	2021-08-06
1	50% DESIGN SUBMISSION	2021-05-28

revisions	date
project	project

Wabush - ATB Boiler Upgrade
Wabush Airport Terminal Building (ATB)

drawing **EXISTING/DEMOLITION MECHANICAL PLANS AND SECTIONS** dessin

designed DH conçu

drawn IS dessiné

approved DH approuvé

Tender Soumission

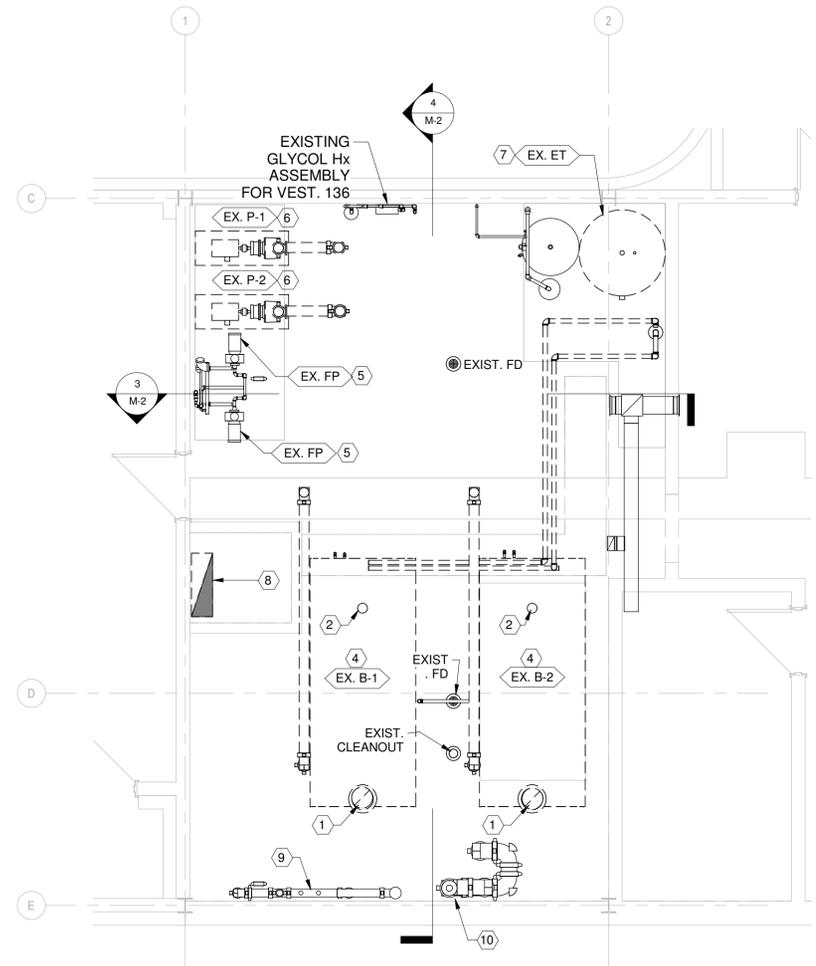
PSPC Project Manager / Administrateur de projets TPSGC

project no. / no. du projet

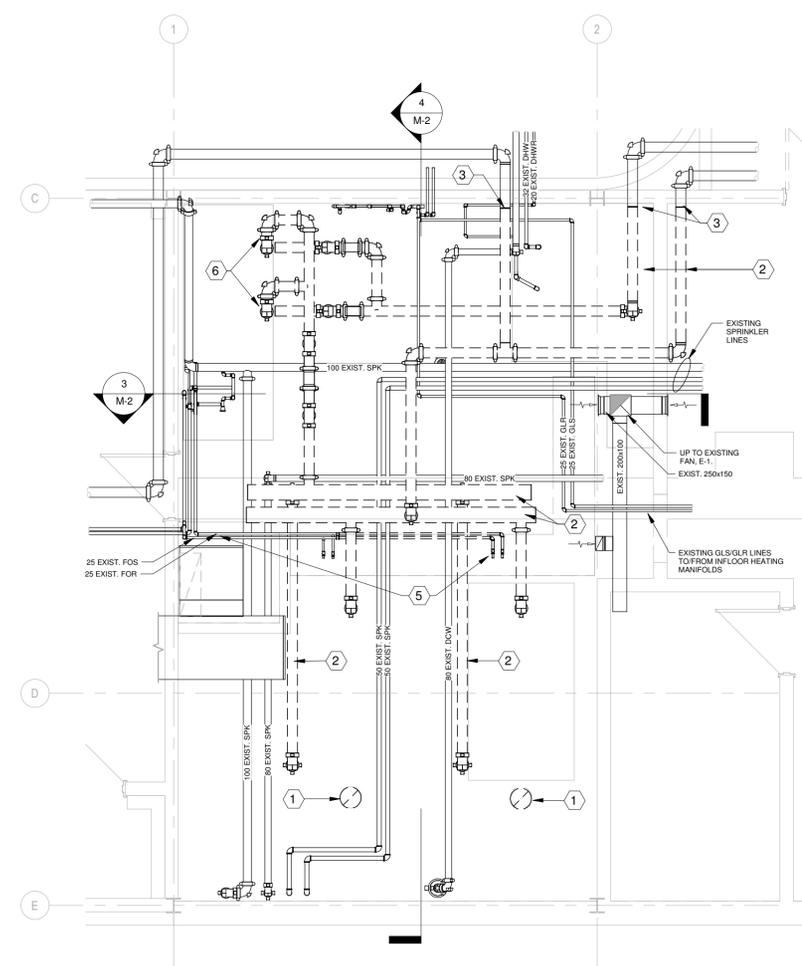
R111141.001

drawing no. / no. du dessin

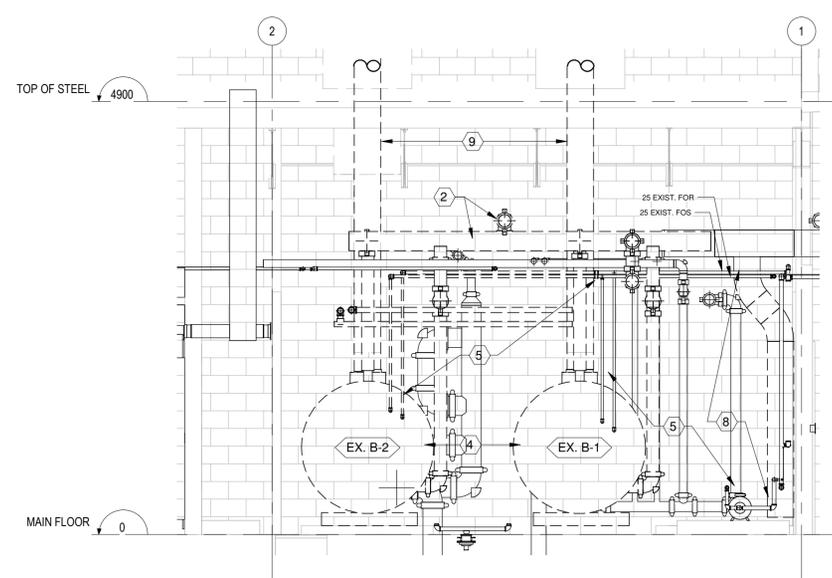
M-2



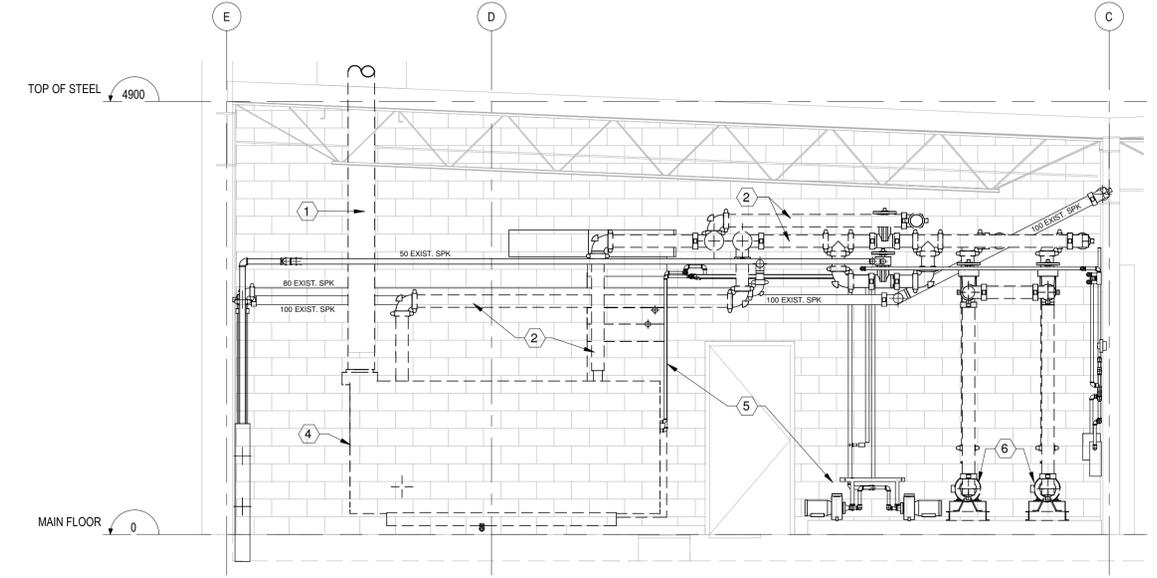
1 EXISTING/DEMOLITION MECHANICAL PLAN - LOW LEVEL
1 : 50



2 EXISTING/DEMOLITION MECHANICAL PLAN - HIGH LEVEL
1 : 50



3 Section A EXISTING
1 : 40



4 Section B EXISTING
1 : 40