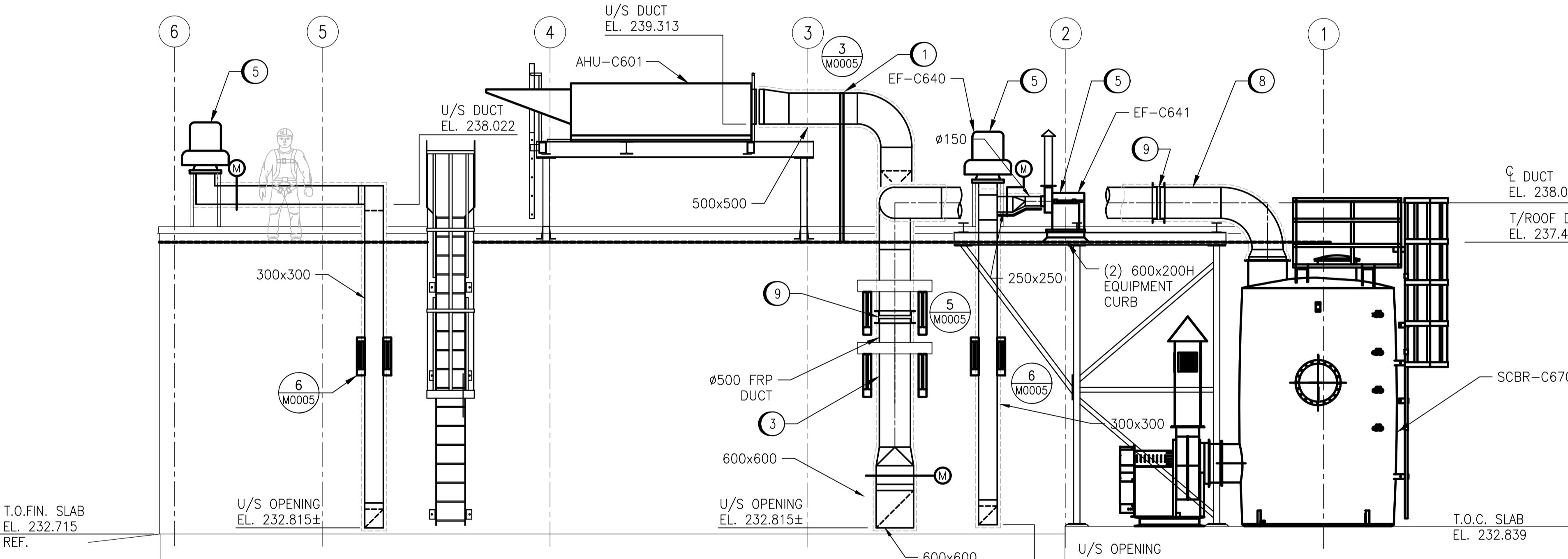
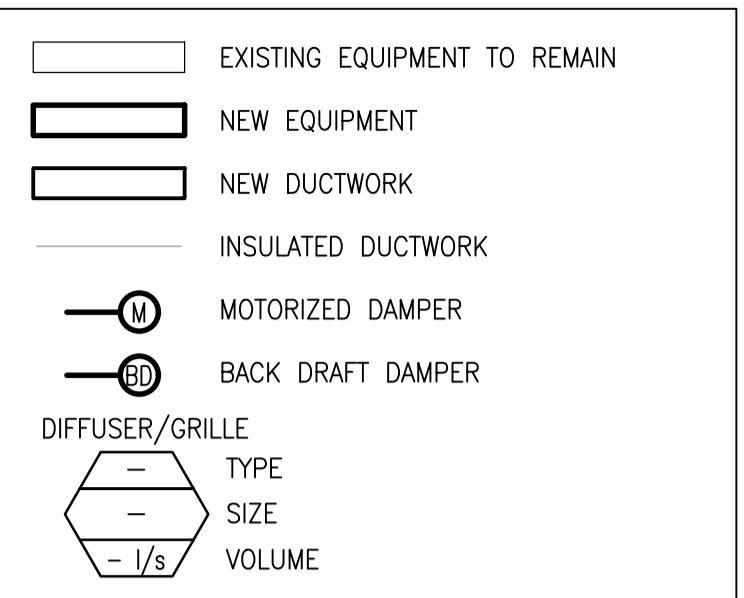


DRAWING NOTES

- 1 NEW 450x450 INSULATED SUPPLY DUCTWORK C/W BACK DRAFT DAMPER. SUPPORT DUCT AT 2000mm O/C. REFER TO DETAILS FOR DUCT SADDLE ASSEMBLY.
- 2 NEW 350x300 INSULATED SUPPLY DUCTWORK C/W BACK DRAFT DAMPER. CONNECT DUCT TO NEW AHU.
- 3 NEW Ø500 FRP DUCT TO BE SUPPORTED FROM BUILDING STRUCTURE.
- 4 EXISTING SAFETY SHOWER/EYEWASH TO REMAIN. NEW Ø40 DHW TO BE CONNECTED TO SHOWER.
- 5 SUPPLY AND INSTALL NEW EXHAUST FAN. SUPPORT FAN FROM EXISTING STRUCTURE. REFER TO FAN CURB FOR FAN MOUNTING DETAIL. CO-ORDINATE WITH ELECTRICAL TO SUPPLY POWER AND CONTROLS.
- 6 NEW INSULATED DUCT FROM EXTERIOR WALL TO NEW SUPPLY FAN.
- 7 SUPPLY AND INSTALL NEW SUPPLY FAN, FILTER BOX AND DUCT HEATER. SUPPORT FROM EXISTING ROOF STRUCTURE.
- 8 SUPPORT Ø500 FRP DUCT ON SUPPORT STRUCTURE. REFER TO STRUCTURAL FOR DETAILS.
- 9 Ø500 FLANGED EXPANSION JOINT

LEGEND



B-B ELEVATION
M0003 SCALE: 1:50

M0003

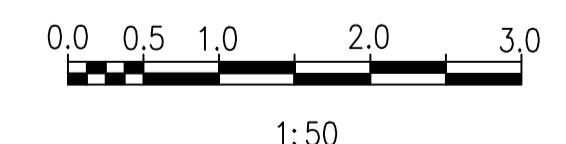
GENERAL NOTES

1. DRAWING INFORMATION BASED ON HISTORICAL DRAWING AND SITE INVESTIGATIONS.
2. INSULATION ON ALL EXISTING DOMESTIC WATER, FRESH AIR INTAKE, RAIN WATER LEADER, CONDENSATE AND DRAIN PIPE FITTINGS MAY CONTAIN ASBESTOS MATERIALS. REFER TO EXISTING ASBESTOS REPORTS TO CONFIRM.
3. MASONRY BLOCK WALLS, CEILING OR WALL HARD PLASTERS AND CERAMIC FLOOR TILES MAY CONTAIN ASBESTOS.
4. REFER TO M0002 FOR OCCUPIED, UN-OCCUPIED AND EMERGENCY VOLUMES SUPPLY AND EXHAUST DAMPERS



METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



DESIGN CRITERIA:

THE BUILDING ENVIRONMENTAL HEATING/COOLING SYSTEMS SHOWN ON THESE DRAWINGS HAS BEEN DESIGNED TO THE REQUIREMENTS OF THE MANITOBA BUILDING CODE AND VENTILATED AT A MINIMUM OF 6 AIR CHANGES PER HOUR (ACH) CONTINUOUSLY. MORE SPECIFICALLY AS FOLLOWS:

- OUTDOOR CONDITIONS OF -33°C IN WINTER.
- INDOOR CONDITIONS OF 21°C IN WINTER.

				 Atkins Réalis 148 Nature Park Way, Winnipeg, Manitoba Canada R3P 0X7 204-786-8080		ENGINEER'S SEAL		 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT				
				DESIGNED BY: T. SHAW		CHECKED BY: S. NORSWORTHY		MCPHILLIPS PUMPING STATION CHLORINE SYSTEM UPGRADE MECHANICAL NEW WORK ELEVATIONS AND SECTION				
				DRAWN BY: M. GAUDINO		APPROVED BY: S. NORSWORTHY						
				SCALE: AS NOTED		ISSUED FOR CONSTRUCTION BY: M. SKINNER						
				DATE: 2023-03-06		DATE: 2025/04/30						
00	ISSUED FOR TENDER AND CONSTRUCTION		2025/04/30	TS	SN	CONSULTANT NO.: 694715-3000-45DD-1003		CITY DRAWING NUMBER		SHEET	REV.	SIZE
NO.	REVISIONS	DATE	DESIGN	CHECK				1-0640C-M0003		001	00	A1