



MAT 4SITE ENGINEERS LTD.

620 WILSON AVENUE, SUITE 320, TORONTO, ON M3K 1Z3
Phone: 416-229-6574 Fax: 416-229-4105

ADDENDUM #1

Date Issued: May 5th, 2025

PROJECT: Absorption Chiller Decommissioning
LOCATION: 777 Memorial Avenue, Orillia, Ontario
Client Project #: 230467-274385
M4S Project #: 24279

Please review the following addendum and clarification of items in addition to the issued documentation as part of tender. This document shall be considered a component of pricing. All other terms and conditions remain the same.

Question #1:

Please confirm and provide contact details for any mandatory trades. (i.e. Roofing, Controls, Security, etc.).

Answer #1:

Roofing contractor's contact information can be found in specifications, Section 01 11 00, sub-section 1.2.8. BGIS ITS contact information can be found below:

- Debika Sengupta, Phone: 647-473-5351
- BAS IT Manager: Sriram Subramanian, Email: Sriram.Subramanian@bgis.com, Phone: 416-797-0203

Question #2:

Is there a base building roofing contractor that we are to use?

Answer #2:

There is no base building vendor for roofing, however, the facility uses Provincial Industrial Roofing. Refer to **Answer #1** above.

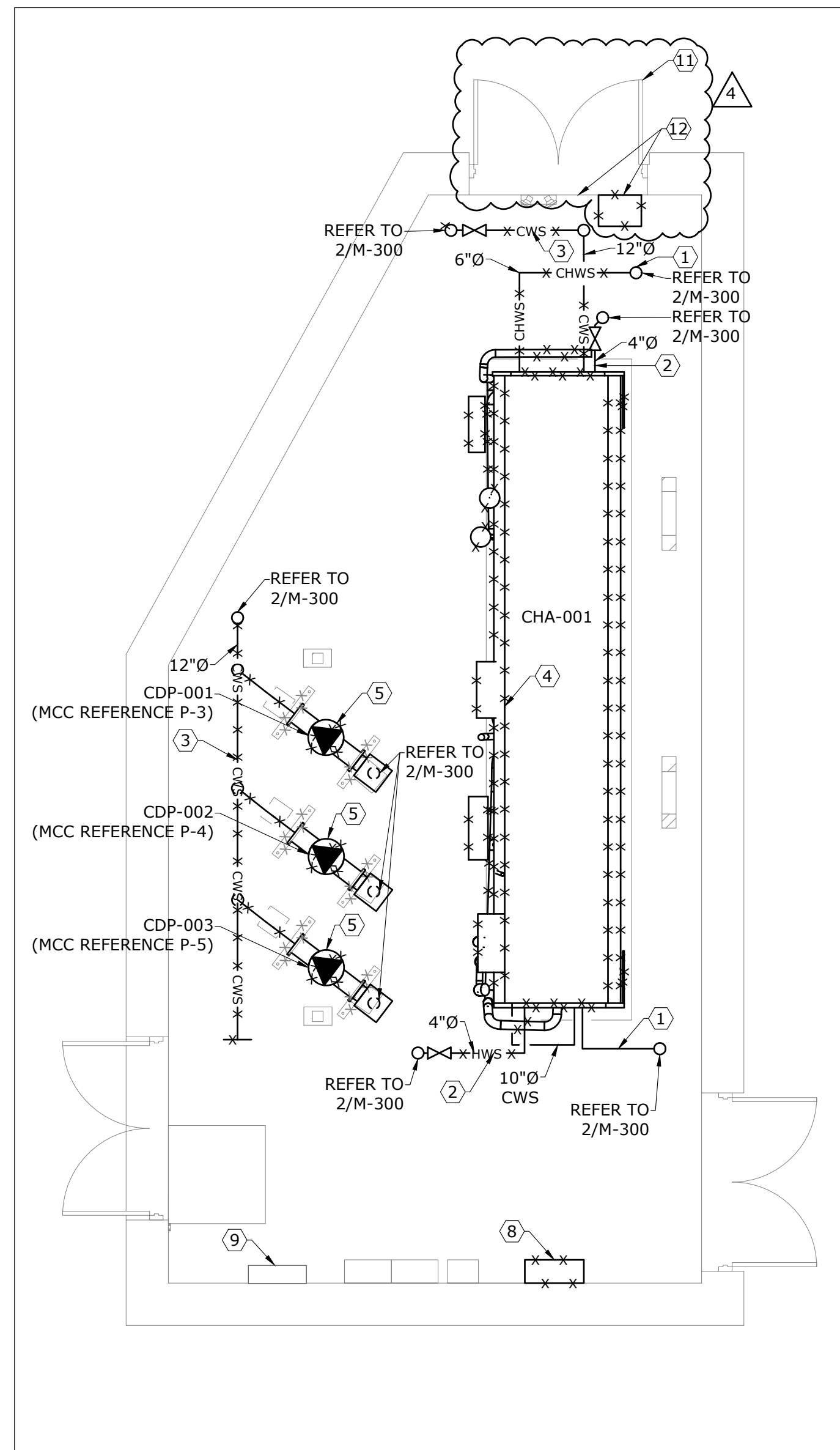
Mechanical:

1. Please refer to drawing M-300 attached for revisions. Door Dimensions with Panel: Height ~12 feet, Width ~ 6.5 feet
2. Height clearance from forensics parking lot to absorption chiller parking is ~14 feet.
3. Cooling towers information is shown below:
 - a. Manufacturer: Evapco
 - b. Model Number: AT 29-024
 - c. Serial Number: 6-303959
4. Absorption chiller information is shown below:
 - a. Manufacturer: York
 - b. Model Number: HW-6C4 / 9E2-58-C-S-C
 - c. Serial Number: UASM041602

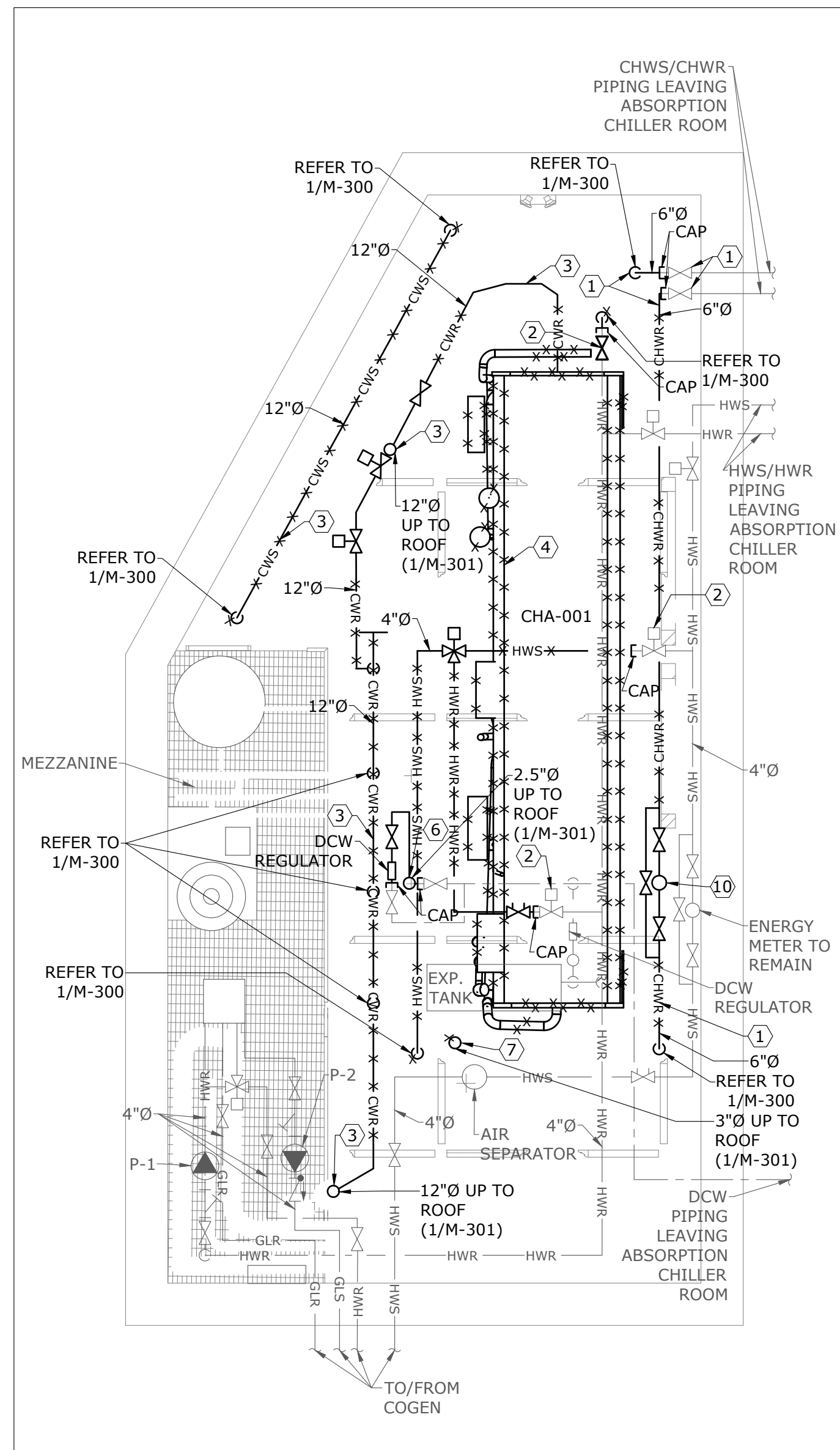
Regards,

A handwritten signature in black ink, appearing to read 'Peter Portanova'.

MAT 4Site Engineers Ltd.
Peter Portanova
Mechanical Designer



1 MECHANICAL ROOM - GROUND FLOOR - LOWER LEVEL - DEMOLITION
M-300 SCALE: 1:50



2 MECHANICAL ROOM - GROUND FLOOR - UPPER LEVEL - DEMOLITION
M-300 SCALE: 1:50

DEMOLITION GENERAL NOTES:

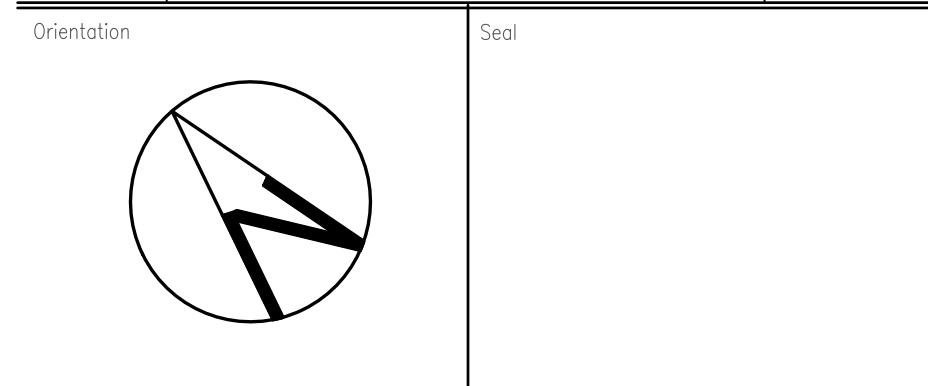
1. THESE GENERAL NOTES APPLY TO ALL DEMOLITION DRAWINGS.
2. DISCONNECT EXISTING UNUSED EQUIPMENT FROM POWER SUPPLY AND MAKE SAFE.
3. PRIOR TO COMMENCING THE DEMOLITION WORK, EXAMINE SITE CAREFULLY INCLUDING ALL THE ELEMENTS THAT NEED TO BE REMOVED.
4. REMOVE ALL ABANDONED PIPES, HANGERS, INSERTS, CONDUITS, DUCTS, AND SERVICES.
5. SEAL AND FIRESTOP (IF NECESSARY) ALL AFFECTED AREAS TO MATCH EXISTING.
6. CONTRACTOR TO CLEAN ALL DEBRIS AND RUBBISH GENERATED FROM THIS WORK.
7. CONTRACTOR TO REPAIR ANY DAMAGE CAUSED BY THIS WORK AND MAKE GOOD TO MATCH EXISTING.
8. CONTRACTOR SHALL REPAIR UNUSED FLOOR AND WALL OPENINGS AT ALL PENETRATIONS OF DEMOLISHED WORK. REPAIRS SHALL MATCH EXISTING **CONDITIONS** AND FINISHES.
9. DRAIN ALL AFFECTED SYSTEMS AS REQUIRED AND REFILL AFTER WORK IS COMPLETE. REFER TO SPECIFICATIONS FOR SPECIFIC PIPE FLUSHING MATERIALS AND PROCEDURES.
10. ALL EXISTING **SYSTEMS** ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE TO SITE VERIFY EXACT LOCATION OF EQUIPMENT AND POINT OF CONNECTION TO EXISTING AS REQUIRED.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR DISASSEMBLY AND CUTTING OF ALL EQUIPMENT/MATERIAL TO ALLOW FOR REMOVAL FROM SITE.
12. CONTRACTOR TO SEAL ALL PIPE, CONDUIT, SUPPORTS, ETC., PENETRATIONS THROUGH ROOF FROM DEMOLITION. CONTRACTOR TO SEAL, WEATHERPROOF, AND MAKE GOOD ALL PENETRATIONS. REFER TO DRAWING S.01 FOR DETAIL.
13. ANY/ALL PIPING INSULATION DAMAGED NEEDS TO BE REPAIRED AND MADE GOOD.
14. CONTRACTOR TO UPDATE VALVE INVENTORY LIST TO ENSURE ALL VALVES THAT ARE REMOVED AS PART OF THE DEMOLITION SCOPE ARE REMOVED FROM THE VALVE INVENTORY LIST. CONTRACTOR TO COORDINATE WITH FACILITY STAFF FOR EXISTING LIST.

REFERENCE NOTES:

- 1 CONTRACTOR TO ISOLATE CHWS/CHWR PIPING AT ISOLATION VALVE. CONTRACTOR TO DRAIN/DISPOSE ALL CHILLED WATER FROM ISOLATION VALVE TO/FROM CHILLER. CONTRACTOR TO DEMOLISH ALL CHWS/CHWR PIPING INCLUDING VALVES, GAUGES AND ACCESSORIES TO/FROM THE CHILLER UNTIL THE ISOLATION VALVE. CONTRACTOR TO DEMOLISH ALL CONTROL VALVES, FLOW SENSORS, ETC. INCLUDING WIRING AND ALL CONNECTIONS TO BAS. CONTRACTOR TO PROVIDE A CAP AT THE ISOLATION VALVE AND ENSURE THE ISOLATION VALVE REMAINS CLOSED.
- 2 CONTRACTOR TO DRAIN/DISPOSE PORTION OF HEATING WATER TO/FROM CHILLER. CONTRACTOR TO DEMOLISH HWS/HWR PIPING INCLUDING GAUGES AND ACCESSORIES TO/FROM THE CHILLER AT HIGH LEVEL. CONTRACTOR TO PROVIDE AND INSTALL NEW ISOLATION VALVE AND CAP AT HIGH LEVEL AS SHOWN. CONTRACTOR TO ALSO LOCK CLOSED CONTROL VALVE AND DISCONNECT FROM BAS, AND PROVIDE A CAP AS SHOWN AT HIGH LEVEL FOR HWS/HWR PIPING.
- 3 CONTRACTOR TO DRAIN/DISPOSE ALL CONDENSING WATER FROM COOLING TOWERS ON THE ROOF AND TO/FROM THE CHILLER. CONTRACTOR TO DEMOLISH ALL CWS/CWR PIPING INCLUDING VALVES, GAUGES, ACCESSORIES, ETC. CONTRACTOR TO DEMOLISH ALL CONTROL VALVES, FLOW SENSORS, ETC., INCLUDING WIRING AND CONNECTION TO BAS. CONTRACTOR TO PATCH ROOF WITH WEATHERPROOFING FOR ALL PIPE PENETRATIONS BEING DEMOLISHED AND MAKE GOOD (REFER TO DRAWING S.01).
- 4 CONTRACTOR TO DRAIN/DISPOSE ALL FLUIDS SAFELY FROM THE CHILLER. CONTRACTOR TO DISCONNECT CHILLER FROM POWER AND MAKE SAFE. CONTRACTOR TO DEMOLISH CHILLER INTO PARTS, INCLUDING ALL CONTROL PANELS, POWER, ETC.. TRANSPORT CHILLER OUT OF THE ROOM IN PARTS.
- 5 CONTRACTOR TO DRAIN/DISPOSE ALL CONDENSING WATER FROM PUMPS. CONTRACTOR TO DISCONNECT PUMPS FROM POWER AND MAKE SAFE. CONTRACTOR TO DEMOLISH PUMPS AS SHOWN, INCLUDING ALL PIPING, VALVES, GAUGES, SUPPORTS, ACCESSORIES.
- 6 CONTRACTOR TO DEMOLISH DCW PIPING PENETRATING THROUGH THE ROOF. CONTRACTOR TO ISOLATE DCW PIPING AT ISOLATION VALVES IN MECHANICAL ROOM. CONTRACTOR TO DRAIN/DISPOSE OF ALL DCW FROM ISOLATION VALVES TO/FROM COOLING TOWERS. CONTRACTOR TO DEMOLISH DCW PIPING INCLUDING GAUGES, REGULATORS, AND ACCESSORIES TO/FROM THE COOLING TOWERS UNTIL THE ISOLATION VALVES. CONTRACTOR TO PROVIDE A CAP AT THE ISOLATION VALVES AND ENSURE THE ISOLATION VALVES REMAIN CLOSED. CONTRACTOR TO PATCH ROOF WITH WEATHERPROOFING FOR ALL PIPE PENETRATIONS BEING DEMOLISHED, AND MAKE GOOD (REFER TO DRAWING S.01).
- 7 CONTRACTOR TO DEMOLISH ALL CONDENSING WATER DISCHARGE PIPE FED TO THE MECHANICAL ROOM'S FLOOR DRAIN FROM THE COOLING TOWERS ON THE ROOF. CONTRACTOR TO PATCH ROOF WITH WEATHERPROOFING FOR PIPE PENETRATION BEING DEMOLISHED AND MAKE GOOD (REFER TO DRAWING S.01).
- 8 CONTRACTOR TO REMOVE ALL CONTROL WIRING AND CONNECTIONS TO/FROM THE COOLING TOWERS. CONTRACTOR TO DEMOLISH AND REMOVE COOLING TOWER PANEL.
- 9 CONTRACTOR TO DEMOLISH ALL POINTS/RELAYS ASSOCIATED WITH THE ABSORPTION CHILLER, COOLING TOWERS, AND RELATED CONDENSER PUMPS. CONTRACTOR TO ALLOW FOR REMOVAL OF POINTS/GRAPHICS ON THE BAS. CONTRACTOR TO ALLOW FOR RE-PROGRAMMING AS REQUIRED. CONTRACTOR TO ENSURE ALL REMAINING CONTROLS NOT ASSOCIATED TO THE DEMOLISHED EQUIPMENT REMAIN IN PLACE AND ARE OPERATIONAL AS INTENDED.
- 10 CONTRACTOR TO DEMOLISH/REMOVE CHWR ENERGY METER, INCLUDING ALL RELAYS/POINTS ASSOCIATED WITH THE METER. CONTRACTOR TO ALLOW FOR REMOVAL OF POINTS/GRAPHICS ON THE BAS. CONTRACTOR TO ALLOW FOR RE-PROGRAMMING AS REQUIRED. CONTRACTOR TO ENSURE ALL REMAINING CONTROLS NOT ASSOCIATED TO THIS EQUIPMENT REMAIN IN PLACE AND ARE OPERATIONAL AS INTENDED.
- 11 CONTRACTOR TO REMOVE DOUBLE DOOR IN ORDER TO TRANSPORT PARTS FROM THE ABSORPTION CHILLER ROOM THROUGHOUT CONSTRUCTION. CONTRACTOR TO ENSURE TO CLOSE/SECURE THE DOOR OPENING AFTER EACH WORKING DAY UNTIL CONSTRUCTION IS COMPLETED. CONTRACTOR TO PROVIDE AND INSTALL NEW DOUBLE DOOR ONCE CONSTRUCTION IS COMPLETED.
- 12 CONTRACTOR TO TEMPORARILY DISCONNECT AND REMOVE EXHAUST FAN, LOUVER, AND PANEL ABOVE THE DOUBLE DOORS TO TRANSPORT PARTS FROM THE ABSORPTION CHILLER ROOM THROUGHOUT CONSTRUCTION. CONTRACTOR TO STORE EXHAUST FAN SAFELY FOR RE-INSTALLATION. CONTRACTOR TO RECONNECT AND RE-INSTALL THE EXHAUST FAN, LOUVER, AND PANEL ABOVE THE DOUBLE DOORS ONCE ALL WORK IS COMPLETED, AND VERIFY THE FAN IS OPERATIONAL AS PER EXISTING OPERATION.



No	Revisions	Date
4	ISSUED FOR ADDENDUM #1	2025/05/05
3	ISSUED FOR TENDER	2025/04/11
2	ISSUED FOR 99% SUBMISSION	2025/03/19
1	ISSUED FOR 33% SUBMISSION	2025/01/31



The Contractor shall check and verify all dimensions and report all errors and omissions to the IO-Owner's/MBS Designee (as applicable) for his/her written direction before proceeding with the Work.

A	A Detail No
B	B Sheet No where detailed



Ministry PSIF Number

Project ABSORPTION CHILLER DECOMMISSIONING

Location 777 MEMORIAL AVENUE, ORILLIA, ON L3V 7V3
B Project No 230467-274385 N06689 Site No B25370

Client INFRASTRUCTURE ONTARIO

Drawing Title MECHANICAL ROOM – GROUND FLOOR & M1 – DEMOLITION

Scale 1:50	Project Start Date 20241119
Drawn by P.P.	Substantial Performance Date TBD
Designed by P.P.	Drawing No M-300
Approved by R.V.	Floor No ### of ###

CADD File NAME 24279-M