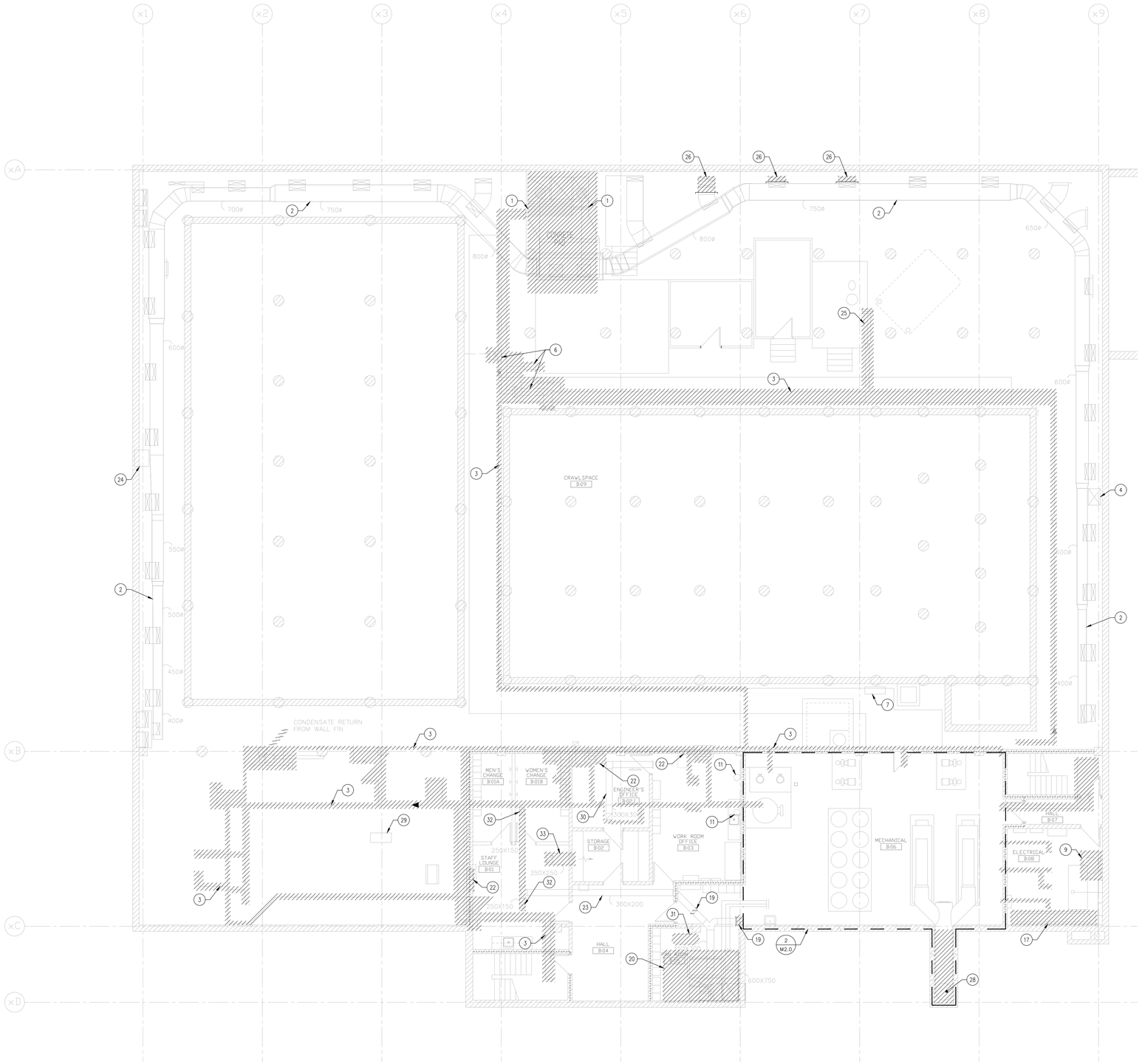
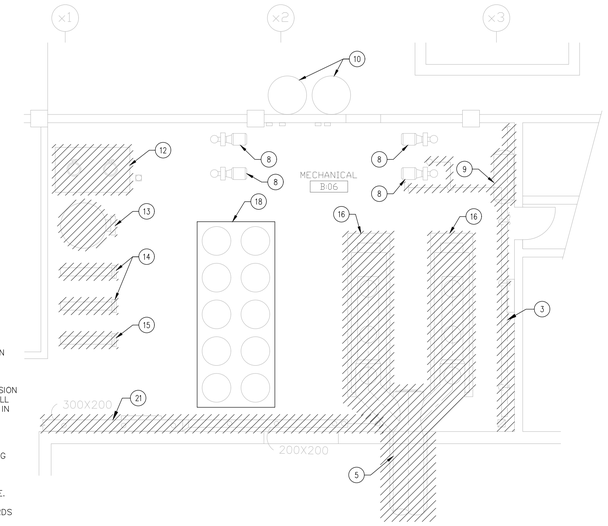


1 M2.0 BASEMENT – HVAC DEMOLITION LAYOUT
SCALE: 1:100



2 M2.0 ENLARGED MECHANICAL ROOM – HVAC DEMOLITION LAYOUT
SCALE: 1:75

GENERAL NOTES 1&2/M2.0:

1. THIS DRAWING IS DIAGRAMMATIC ONLY. DO NOT SCALE.
2. THE MECHANICAL SYSTEMS SHOWN ARE APPROXIMATE IN LOCATION ONLY. CONTRACTOR TO VERIFY EXACT LOCATION OF SYSTEMS BEING MODIFIED ON SITE PRIOR TO COMMENCEMENT OF WORK.
3. ALL WORK SHALL COMPLY WITH THE MOST CURRENT VERSION OF ALL APPLICABLE CODES AND STANDARDS, WHICH SHALL BE CONSIDERED PART OF THESE CONTRACT DOCUMENTS. IN THE CASE OF CONFLICTING REQUIREMENTS, THE MOST STRINGENT REGULATION SHALL PREVAIL.
4. CONTRACTOR TO MAINTAIN CURRENT AND READILY REVIEWABLE AS-BUILT DRAWINGS ACCURATELY REFLECTING SITE INSTALLATIONS.
5. CONTRACTOR TO ENSURE ALL MATERIALS MODIFIED OR INSTALLED IN AN AIR PLENUM ARE RATED FOR SUCH USE.
6. CONTRACTOR TO MAINTAIN DIGITAL PHOTOGRAPHIC RECORDS OF ALL INSTALLATIONS PRIOR TO CONCEALMENT BY SUPPORTING TRADES.
7. EXISTING MECHANICAL BEING RE-INSTALLED TO BE TURNED OVER TO INSTALLING CONTRACTOR IN GOOD CONDITION.
8. DEMOLITION CONTRACTOR TO TAPE AND SEAL OPEN ENDED DUCT AND PIPE AS SECTIONS OF SYSTEM ARE REMOVED.
9. REFER TO REQUIREMENTS IN SPECIFICATIONS FOR DEMOLISHING/REMOVAL OF ASBESTOS.

DRAWINGS NOTES 1&2/M2.0:

1. DEMOLISH EXISTING SUPPLY FAN AND HEATING COIL SERVING POOL DECK ABOVE. MODIFY DUCTWORK TO CONNECT TO NEW EQUIPMENT.
2. EXISTING SUPPLY DUCTWORK FOR POOL DECK TO REMAIN.
3. DEMOLISH ALL STEAM AND CONDENSATE PIPING AND ACCESSORIES THROUGHOUT THE ENTIRE BUILDING.
4. EXISTING OUTDOOR AIR DUCT FOR THE CRAWLSPACE TO REMAIN.
5. REMOVE CHIMNEY VENT FROM INTERIOR OF THE CHIMNEY. REPAIR ANY DAMAGE TO THE LINING. REFER TO ARCHITECTURAL FOR FURTHER DETAILS.
6. DEMOLISH HEAT EXCHANGER (CV-4), EXPANSION TANK, AND PUMP (P-5) FOR THE POOL DECK AIR HANDLING SYSTEM. REUSE AS MUCH PIPING AS POSSIBLE AS PER RENOVATION SCHEMATIC. DEMOLISH DEAD PIPE LEGS AND CAP.
7. EXISTING UV EQUIPMENT FOR THE POOLS TO REMAIN, PROTECT DURING CONSTRUCTION.
8. EXISTING POOL CIRCULATION PUMPS TO REMAIN.
9. DEMOLISH CONTROLS COMPRESSOR AND ALL PNEUMATIC CONTROL DEVICES, AND ALL TUBING THAT IS NOT CONCEALED WITH WALLS THROUGHOUT THE BUILDING.
10. EXISTING CHLORINE EQUIPMENT TO REMAIN.
11. EXISTING POOL MONITORING DEVICES TO REMAIN.
12. DEMOLISH STEAM CONDENSATE TANK AND PUMPS.
13. DEMOLISH HEAT EXCHANGER (CV-5) FOR THE DOMESTIC HOT WATER SYSTEM. REUSE AS MUCH PIPING AS POSSIBLE AS PER RENOVATION SCHEMATIC. DEMOLISH DEAD PIPE LEGS AND CAP.
14. DEMOLISH HEAT EXCHANGERS (CV-1 & CV-2) FOR THE TWO POOLS. REUSE AS MUCH PIPING AS POSSIBLE AS PER RENOVATION SCHEMATIC M8.0. DEMOLISH DEAD PIPE LEGS AND CAP.
15. DEMOLISH HEAT EXCHANGER (CV-3) FOR THE AIR HANDLING SYSTEM SERVING THE FRONT OF THE BUILDING.
16. DEMOLISH THE TWO STEAM BOILERS AND ALL ASSOCIATED ACCESSORIES IN THE MECHANICAL ROOM.
17. DEMOLISH COMBUSTION AIR SUPPLY FAN IN THE ELECTRICAL ROOM TO BE REINSTALLED WITH NEW AS PER RENOVATION DRAWINGS.
18. EXISTING POOL FILTERS AND BACK WASH SYSTEM FOR THE POOLS TO REMAIN.
19. DEMOLISH HEATING COIL IN THE DUCTWORK (RH-2 & RH-3). MODIFY THE DUCTWORK TO SUIT THE NEW COILS AS PER THE RENOVATION DRAWINGS.
20. DEMOLISH AIR HANDLING SYSTEM (F-2) ALONG WITH HEATING COIL (HC-2) SERVING THE FRONT OF THE BUILDING) COMPLETE WITH HOUSEKEEPING PAD.
21. DEMOLISH SUPPLY DUCTWORK UP TO MALE CHANGE ROOM ABOVE.
22. DEMOLISH THE AIR CONDITIONING UNITS IN THE BASEMENT. REFER TO ARCHITECTURAL FOR WALL ASSEMBLY PATCHING AND FIRE RESISTANCE RATING INFORMATION.
23. EXISTING DUCTWORK FOR THE COMMON AREA OF THE BASEMENT TO REMAIN.
24. EXISTING EXHAUST DUCTWORK FOR CRAWLSPACE TO REMAIN.
25. DEMOLISH HEAT EXCHANGER (CV-6) FOR THE HOT TUB COMPLETE WITH ACCESSORIES.
26. DEMOLISH EXISTING SUPPLY POOL DECK DUCTWORK AND CAP SUPPLY AIR DUCT AT MAIN.
27. DEMOLISH STEAM BOILERS IN MECHANICAL ROOM.
28. DEMOLISH CHIMNEY VENTING FOR BOILERS UP TO ROOF. CHIMNEY SHAFT TO REMAIN, AND LINING TO BE REPAIRED.
29. EXISTING CONDENSING UNIT FOR LOBBY AC IN CRAWLSPACE TO REMAIN. RECHARGE WITH REFRIGERANT WHEN AC IS RELOCATED.
30. EXISTING EXHAUST DUCT FROM EXHAUST FAN ON ROOF TO REMAIN. MODIFY/EXTEND DUCTWORK TO SUIT NEW DUCT SHAFT LOCATION AS PER RENOVATION DRAWINGS.
31. DEMOLISH EXPANSION TANK AT HIGH LEVEL AND ASSOCIATED PIPING.
32. DEMOLISH EXISTING GRILLE/DIFFUSER AT THIS LOCATION TO BE REPLACED WITH NEW WITHIN NEW ARCHITECTURAL CEILING. DEMOLISH DUCTWORK BACK TO MAIN TO SUIT NEW LAYOUT. REFER TO RENOVATION PLAN FOR DETAILS.
33. DEMOLISH TRANSFER AIR DUCT AND GRILL WITHIN CEILING AT THIS LOCATION. REFER TO ARCHITECTURAL FOR ANY PATCHING.

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No.	Date	Issue / Revision	By
0	22/12/2023	ISSUED FOR CONSTRUCTION	JVL

Drawn By: EJ
Printing Date: 22/12/2023

PROVINCE OF MANITOBA
J.E. VAN LEEUWEN
Member
3k282
REGISTERED PROFESSIONAL ENGINEER
2023-12-22

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BASEMENT - HVAC DEMOLITION LAYOUT

Comm. No.: 2129 Sheet: **M2.0**
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