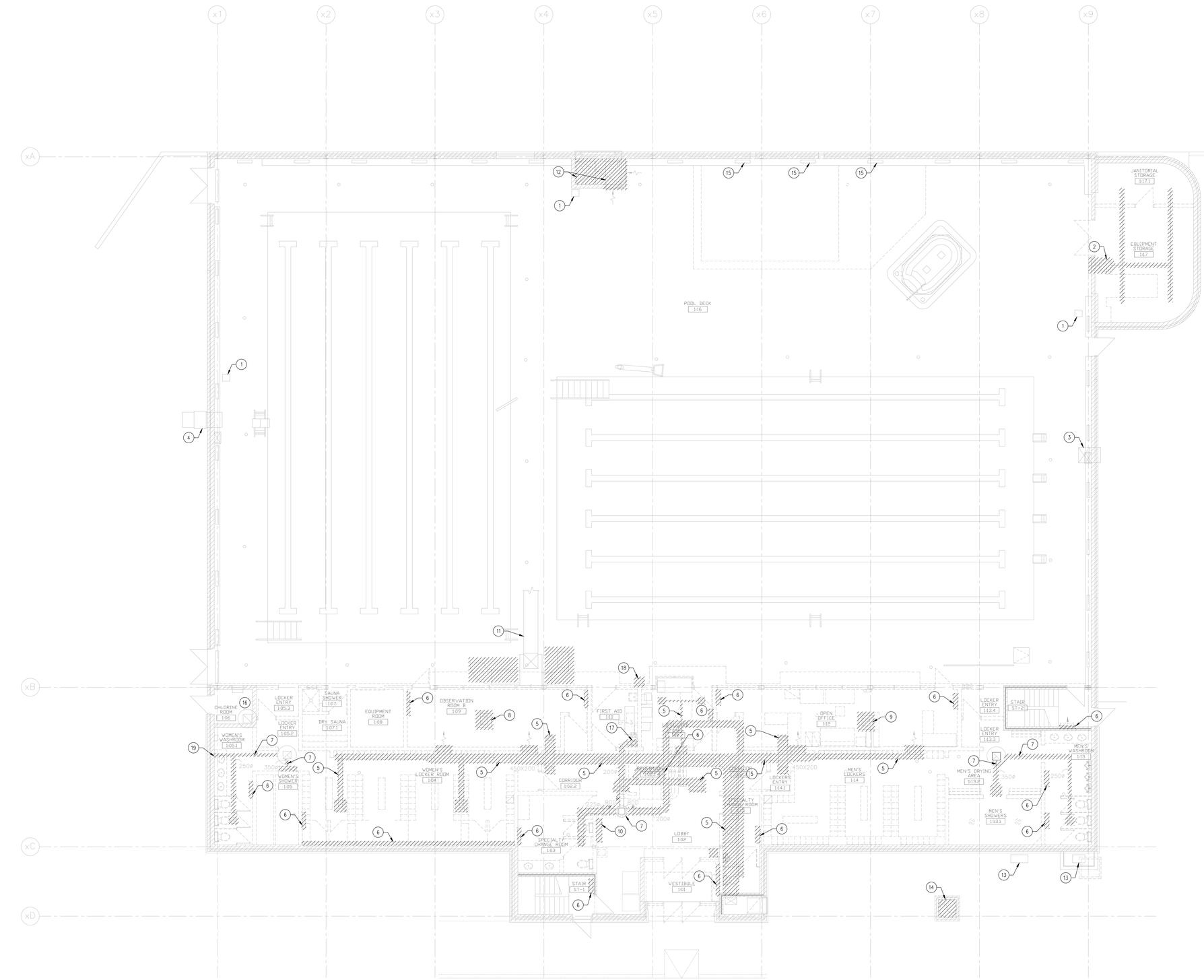

1 M2.1 MAIN FLOOR – HVAC DEMOLITION LAYOUT
SCALE: 1:100

GENERAL NOTES:

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 AS SECTIONS OF SYSTEM ARE REMOVED.
9. TAKE A PHOTO LOG OF ALL EXISTING CONTROLS BEFORE REMOVING FROM WALLS. ALL EXISTING CONTROLS THAT ARE NOT TO BE REUSED TO BE TURNED OVER TO THE OWNER FOR REUSE IN OTHER CITY OF WINNIPEG FACILITIES. COORDINATE WITH THE OWNER FOR ANY EXISTING CONTROLS THAT ARE THROWN AWAY OR DAMAGED IN THE DEMOLITION PROCESS IS TO BE REPLACED AT CONTRACTOR'S EXPANSE.
10. REFER TO REQUIREMENTS IN SPECIFICATIONS FOR DEMOLISHING/REMOVAL OF ASBESTOS.

DRAWINGS NOTES:

1. EXISTING WALL MOUNTED FAN TO REMAIN.
2. DEMOLISH EXISTING TRANSFER FAN AND CORRESPONDING DUCTWORK, AND GRILLE/OPENING ABOVE DOOR IN STORAGE SPACE. ARCHITECTURAL TO PATCH OPENING AS NECESSARY.
3. EXISTING DUCTWORK FOR CRAWLSPACE INTAKE TO REMAIN.
4. EXISTING DUCTWORK AND FAN FOR CRAWLSPACE EXHAUST TO REMAIN.
5. EXISTING DUCTWORK IN FRONT AREA OF THE BUILDING TO BE DEMOLISHED AND MODIFIED TO SUIT THE NEW LAYOUT.
6. EXISTING STEAM RADIATOR/WALL FIN/HEATING COIL/FORCE FLOW HEATER TO BE DEMOLISHED.
7. MODIFY ASSOCIATED DUCTWORK FROM EXHAUST FAN ABOVE TO SUIT NEW LAYOUT
8. DEMOLISH EXISTING COOLING UNIT IN OBSERVATION AREA AND ON ROOF. REMOVE ALL PIPING AND CONTROL WIRING.
9. MODIFY/RELOCATE EXISTING COOLING FOR OFFICE AREA TO SUIT NEW LAYOUT.
10. RELOCATE EXISTING AC UNIT ON WALL.
11. EXISTING DUCTWORK FOR HRV-1 TO REMAIN. DEMOLISH EXHAUST BRANCHES AS SHOWN BACK TO MAIN TO BE MODIFIED AS SHOWN ON MECHANICAL RENOVATION DRAWING M5.2.
12. DEMOLISH RETURN DUCTWORK IN SHAFT ALONG WITH TWO RETURN AIR GRILLES.
13. EXISTING DUCTWORK ON SIDE OF BUILDING TO REMAIN.
14. EXISTING CHIMNEY TO REMAIN. LINER IN CHIMNEY TO BE REMOVED AND REPLACED WITH NEW AS PER RENOVATION DRAWINGS.
15. EXISTING DECK MOUNTED SUPPLY GRILLE AND ASSOCIATED DUCTING TO BE DEMOLISHED AND CAPPED AT MAIN.
16. EQUIPMENT IN ROOM WITH CO2 TANKS TO REMAIN AS IS/UNTOUCHED. (EXHAUST FAN, CONTROLS, AND ELECTRIC HEATERS)
17. DEMOLISH EXISTING EXHAUST DUCTWORK TO BASEMENT AND MODIFY AS PER RENOVATION DRAWINGS.
18. RELOCATE EXISTING WALL MOUNTED FAN.
19. DEMOLISH LOW LEVEL EXHAUST GRILLE IN WASHROOM ON WALL.

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

PROVINCE OF MANITOBA
J.E. VAN LEEUWEN
Member 36282
REGISTERED PROFESSIONAL ENGINEER
2023-12-21

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MAIN FLOOR - HVAC DEMOLITION LAYOUT

Comm. No.: 2129 Sheet: **M2.1**
Plotted on: