



1 SECOND FLOOR - MECHANICAL DEMOLITION PLAN
MH2.1 SCALE: 1 : 100

HVAC DEMOLITION NOTES

- A. CONFORM TO APPLICABLE CODE FOR DEMOLITION WORK. DUST CONTROL, PRODUCTS REQUIRING ELECTRICAL DISCONNECTION OR RECONNECTION, CONFORM TO APPLICABLE REGULATORY PROCEDURES WHEN DISCOVERING HAZARDOUS OR CONTAMINATED MATERIALS.
- B. PROVIDE, ERECT, AND MAINTAIN TEMPORARY BARRIERS WHERE NEEDED TO CONTAIN CONSTRUCTION DEBRIS AND DUST. PROVIDE A MINIMUM MERV 8 FILTRATION ON EXISTING INLETS AND RETURN AIR DUCTS AND SYSTEMS.
- C. PROTECT EXISTING MATERIALS, EQUIPMENT, AND SYSTEMS WHICH ARE NOT TO BE DEMOLISHED.
- D. CONDUCT DEMOLITION TO MINIMIZE INTERFERENCE WITH OCCUPIED BUILDING AREAS.
- E. DISCONNECT, REMOVE, CAP, AND IDENTIFY DESIGNATED UTILITIES WITHIN DEMOLITION AREAS.
- F. REMOVE, CUT, AND PATCH WORK IN A MANNER TO MINIMIZE DAMAGE AND TO PROVIDE MEANS OF RESTORING SYSTEMS TO ORIGINAL CONDITION.
- G. CAREFULLY DISMANTLE EXISTING MECHANICAL EQUIPMENT TO BE REMOVED OR RELOCATED. TEMPORARILY DISCONNECT, REMOVE, AND REINSTALL EXISTING EQUIPMENT, PIPING, DUCTWORK, CONDUIT, LIGHT FIXTURES, AND SIMILAR ITEMS, WHICH INTERFERE WITH THE NEW INSTALLATION AFTER COMPLETION OF NEW WORK OR OF EXISTING INSTALLATIONS TO BE DEMOLISHED. STORE EQUIPMENT AND MATERIALS ON THE PREMISES AS DIRECTED BY THE OWNER.
- H. DEMOLISH IN AN ORDERLY AND CAREFUL MANNER. REMOVE DEMOLISHED MATERIALS FROM SITE EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE. UPON COMPLETION OF WORK, LEAVE AREAS IN CLEAN CONDITION.
- I. ALL USABLE SALVAGED EQUIPMENT AND MATERIALS SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS SPECIFICALLY NOTED OTHERWISE.
- J. FIRESTOP ALL MECHANICAL PENETRATIONS THROUGH FIRE-RATED FLOOR AND WALL ASSEMBLIES WHERE PIPES OR DUCTS WERE REMOVED. SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND TYPE OF RATINGS.
- K. THE ABANDONMENT OF EXISTING EQUIPMENT AND MATERIAL IN PLACE IS NOT ACCEPTABLE. ALL REDUNDANT SERVICES ARE TO BE REMOVED BACK TO ACTIVE MAINS, WHICH SHALL THEN BE CAPPED AT EXISTING POINT OF CONNECTION.

KEY NOTES

- 1 DEMOLISH DUCTWORK AS SHOWN. DEMOLISH ALL HANGERS AND STRAPS ENTIRELY WHERE DUCTWORK HAS BEEN REMOVED.
- 2 DEMOLISH DIFFUSERS AND GRILLES THROUGHOUT. DEMOLISH ALL TRANSFER ELBOWS, AND ASSOCIATED HANGERS AND SUPPORTS.
- 3 EXISTING HYDRONIC FORCE FLOW HEATER TO REMAIN FOR REUSE IN RENOVATION.
- 4 EXISTING DUCT MAINS TO REMAIN FOR REUSE IN RENOVATION. DUCT TAKE OFFS TO BE REUSED WHERE APPLICABLE. CAP OFF AND SEAL ANY DUCT TAKEOFFS NOT BEING REUSED. REFER TO SHEET MH2.2.
- 5 REMOVE THERMOSTAT AND KEEP FOR RELOCATION DURING RENOVATION. CONTROLS WIRING TO BE REMOVED BACK TO CEILING SPACE DURING DEMOLITION AND REUSED WHERE APPLICABLE.
- 6 DEMOLISH EXISTING DRINKING FOUNTAIN. DEMOLISH PIPING BACK TO MAINS AND CAP. REINSULATE AND MAKE GOOD AREA WHERE DOMESTIC WATER HAS BEEN REMOVED.
- 7 DEMOLISH PORTION OF DUCTWORK TO ALLOW FOR THE INSTALLATION OF FIRE DAMPER DURING RENOVATION.

MECHANICAL LEGEND

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| | SUPPLY AIR/OUTSIDE AIR DUCT RISER |
| | RETURN AIR/EXHAUST AIR DUCT RISER |
| | MANUAL BALANCING DAMPER |
| | FIRE DAMPER & ACCESS DOOR |
| | TURNING VANES |
| | ACOUSTIC INSULATION |
| | DIFFUSER TAG / GRILLE TAG |
| | EQUIPMENT TAG |
| | KEY NOTE |
| | DEMOLITION NOTE |
| | THERMOSTAT - LOW VOLTAGE |
| | FIXTURE TAG |
| | DOMESTIC COLD WATER |
| | DOMESTIC HOT WATER |
| | SANITARY WASTE BELOW FLOOR OR GRADE |
| | FIRE EXTINGUISHER |

MECHANICAL DRAWINGS

- MECHANICAL DRAWINGS
MH2.1 SECOND FLOOR - MECHANICAL DEMOLITION PLAN
MH2.2 SECOND FLOOR - MECHANICAL RENOVATION PLAN
- SCHEDULES
MH2.3 MECHANICAL SCHEDULES & DETAILS

Association of Professional Engineers & Geoscientists
of Saskatchewan

CERTIFICATE OF AUTHORIZATION
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Permission to Consult held by:

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KEY PLAN
NTS

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| O | Issued for Construction | 18-02-16 |
| Revision | Description | Date |
| Client | | client |

SUITE 201

Project title

GOCB OFFICE FIT-UP
SASKATOON, SASKATCHEWAN

Designed by

Drawn by

Approved by

PWCSG Project Manager

Drawing title

**SECOND FLOOR - MECHANICAL
DEMOLITION PLAN**

Project no./No. du projet

R.055494.001

MH2.1

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