

**A** ROOF — EXISTING CONDITIONS — PLAN  
 SCALE 1/8"=1'-0" 24"x36" SHEET

**GENERAL NOTES**

1. PERFORM ALL WORK IN ACCORDANCE TO SMACNA & ASHRAE STANDARDS AS WELL AS ALL LOCAL CODES & BY-LAWS.
2. COORDINATE WORKS WITH OTHER SUB-TRADES. REFER TO SPECIFIC DETAILS FOR CUTTING AND SEALING PENETRATIONS THROUGH OPENINGS & FIRE SEPARATIONS.
3. REFER TO WRITTEN SPECIFICATIONS FOR EQUIPMENT AND MATERIAL SPECIFICATIONS AND INSTALLATION REQUIREMENTS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY WORK NOT EXPLICITLY SET OUT IN THE CONTRACT DOCUMENTS BUT WHICH MAY BE REASONABLY IMPLIED FOR THE PROPER COMPLETION OF THE WORK.
5. FIELD CONFIRM ALL EXISTING PIPE SIZES & LOCATION OF PIPE PENETRATIONS & PIPING ON ROOF.
6. SUPPORT ALL PIPING TO MEET LOCAL CODE REQUIREMENTS.
7. PERFORM WORK IN ACCORDANCE WITH CSA B52, CANADIAN BUILDING CODE AND ASME B31.5 LATEST EDITIONS.
8. SUPPORT REFRIGERATION PIPING ACCORDING TO CODE.
9. CONTRACTOR TO PAY FOR & OBTAIN ALL NECESSARY PERMITS
10. RE-INSTALL FANS ON NEW ROOF CURBS. REFER TO ARCHITECTURAL DRAWING FOR ROOF CURB DETAILS. COORDINATE WITH ELECTRICAL FOR POWER REQUIREMENTS AND RELATED ELECTRICAL SCOPE OF WORK.
11. INVESTIGATE SITE PRIOR TO CONSTRUCTION TO CONFIRM ALL DIMENSIONS AND INSTALLATION REQUIREMENTS, INCLUDING CRANE REQUIREMENTS.
12. THESE PLANS ARE SCHEMATIC IN NATURE AND INDICATE THE APPROXIMATE AND GENERAL LOCATION OF WORK. CONTRACTOR SHALL INSTALL WORK THROUGH COORDINATION WITH OTHER TRADES AND TO SUIT FIELD CONDITIONS.
13. COMPLY WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS AND SPECIFICATIONS, INCLUDING PRODUCT TECHNICAL BULLETINS, HANDLING, STORAGE AND INSTALLATION INSTRUCTIONS AND DATA SHEETS.
14. PROVIDE PROTECTION FOR EXISTING CONSTRUCTION, FINISHES AND EQUIPMENT DURING PERFORMANCE OF WORK. PATCH AND REPAIR ANY DAMAGES.
15. EXISTING EQUIPMENT, PIPES AND DUCT LOCATIONS SHOWN ARE APPROXIMATE, CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS SIZES AND HEIGHTS.
16. ALL TEMPORARILY REMOVED EQUIPMENT, DUCTS AND PIPING SHALL BE STORED PROTECTED FROM VANDALISM/THEFT UNTIL REINSTALLED.
17. REFER TO ARCHITECTURAL DRAWINGS FOR ROOFING AND ROOF CURB DETAILS.

**KEY NOTES**

- 1 EXISTING GENERATOR EXHAUST AND ASSOCIATED SUPPORTS TO REMAIN IN PLACE. EXISTING THIMBLE THROUGH ROOF AND ROOF CURB TO BE REMOVED AND REPLACED TO ACCOMMODATE NEW ROOF THICKNESS, REFER TO DETAIL A ON DRAWING M2.1 AND NOTES ON M2.1.
- 2 EXISTING ROOF DRAIN TO BE REMOVED. EXISTING DRAIN SUMP TO BE RETAINED FOR USE WITH NEW DRAIN ASSEMBLY.
- 3 EXISTING PLUMBING VENT STACK TO BE REMOVED TO EXTENT REQUIRED TO FACILITATE ROOF WORK.
- 4 EXISTING REFRIGERANT PIPING AND ASSOCIATED SUPPORTS TO BE REMOVED TO EXTENT REQUIRED TO FACILITATE ROOF WORK. DRAIN DOWN AND PROPERLY STORE REFRIGERANT TO AVOID CONTAMINATION TO FACILITATE RE-CHARGING THE SYSTEM.
- 5 EXISTING ELECTRICAL PANEL TO REMAIN IN PLACE. PROTECT DURING DEMOLITION.
- 6 TEMPORARILY REMOVE EXISTING EXHAUST FANS TO ACCOMMODATE ROOF CURB INSTALLATION ALONG WITH ROOF MOUNTED DUCTWORK. REFER TO ELECTRICAL FOR ADDITIONAL SCOPE OF WORK.
- 7 EXISTING OVERFLOW FROM THE CONDENSER TO REMAIN IN PLACE. CONTRACTOR TO WORK UNDER THE PIPES. PROTECT PIPES DURING DEMOLITION.
- 8 EXISTING FIRE PROTECTION STANDPIPE C/W PIPE SUPPORTS TO REMAIN IN PLACE. PROTECT DURING DEMOLITION.
- 9 EXISTING 1/2" DCW LINE TO BE REMOVED TO EXTENT NECESSARY TO FACILITATE ROOF REPLACEMENT. ISOLATE AT APPROPRIATE LOCATION.
- 10 EXISTING GAS VENT TO BE REMOVED TO ACCOMMODATE ROOF CURB INSTALLATION. VENT TO BE REMOVED TO EXTENT REQUIRED TO FACILITATE NEW ROOF WORK AND NEW GAS VENT INSTALLATION.
- 11 EXISTING RELIEF VENT TO BE REMOVED TO FACILITATE ROOFING WORK.
- 12 REMOVE EXISTING WATER TANKS ON ROOF & TEMPORARILY CAP PIPING AT WALL TO FACILITATE ROOF WORK.
- 13 EXISTING MR. SLIM CONDENSING UNITS AND ASSOCIATED REFRIGERATION PIPING SUPPORTED FROM WALL TO REMAIN IN USE.
- 14 EXISTING CONDENSER WATER RETURN TO REMAIN IN PLACE. CONTRACTOR TO WORK UNDER THE PIPES. PROTECT PIPES DURING DEMOLITION.
- 15 EXISTING CONDENSER WATER SUPPLY TO REMAIN IN PLACE. CONTRACTOR TO WORK UNDER THE PIPES. PROTECT PIPES DURING DEMOLITION.
- 16 EXISTING MECHANICAL EQUIPMENT ABOVE THE ROOF TO REMAIN IN PLACE. PROTECT DURING DEMOLITION.

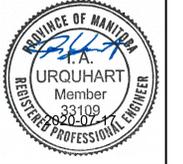
**APECM**  
 Certificate of Authorization  
 Alliance Engineering Services Inc.  
 No.2906 Date: \_\_\_\_\_

PROJECT:  
**City Hall Administration Building Roof Replacement**  
 510 Main Street  
 CLIENT:  
**City of Winnipeg**

APPROVED BY:  
 I. Urquhart  
 DATE:  
 July 2020  
 BID OPPORTUNITY:  
 430-2020  
 PROJECT NO.:

19-041  
 DWG NO.:

**M1.1**



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