



KEY PLAN

KEY NOTES

- 1 EXISTING BLOWER ROOM VENTILATION AIR HANDLING UNIT, U605-AHU, LOCATED IN FAN ROOM AT MEZZANINE LEVEL; UNIT SHALL BE REMOVED FROM ROOM; UNIT DIMENSIONS: 5537 (218") LONGx2235 (88") WIDEx 1397 (55") HIGH, 3025kg (6726 lbs) WEIGHT; NOTE ACCESS TO ROOM SINGLE MANDOOR ONLY; CONTRACTOR MAY REMOVE UNIT THRU NEW WALL OPENING, PART OF NEW EQUIPMENT INSTALLATION SCOPE; SEE DWGS. US2.1 AND US2.3 FOR DETAILS
- 2 DISCONNECT AND REMOVE NATURAL GAS SUPPLY PIPING, TO EXTENT REQUIRED BY NEW UNIT INSTALLATION
- 3 EXISTING 100mm HIGH CONCRETE HOUSEKEEPING PAD, TO BE RE-USED FOR NEW AIR HANDLING UNIT INSTALLATION
- 4 EXISTING 1700Wx2200H U605 RELIEF AIR LOUVERED PENTHOUSE OPENING; TO BE INFILLED WITH NEW INSULATED (25mm) METAL SANDWICH PANEL; PATCH ROOF; SEE DETAIL?
- 5 EXISTING UTILITY BUILDING GENERAL VENTILATION AIR HANDLING UNIT, U640-AHU, IN SHOP CEILING SPACE TO BE REMOVED; UNIT DIMENSIONS 5334 (210") LONGx 1600 (63") WIDEx991 (39") HIGH, 1654kg (3640lbs) WEIGHT; DO NOT USE ROOF JOISTS FOR RIGGING THE UNIT, UNLESS HAVING APPROVAL FROM STRUCTURAL ENGINEER. REMOVAL PATH CLEAR THRU SHOP AND GARAGE THRU OVERHEAD DOOR
- 6 DISCONNECT AND REMOVE NATURAL GAS SUPPLY PIPING, TO EXTENT REQUIRED BY NEW UNIT INSTALLATION
- 7 EXISTING UTILITY BUILDING EXHAUST MAKE UP AIR UNIT, U610-MUA, IN SHOP CEILING SPACE TO BE REMOVED; UNIT DIMENSIONS 2870 (113") LONGx 1168 (46") WIDEx1168 (46") HIGH, 659kg (1450lbs) WEIGHT; DO NOT USE ROOF JOISTS FOR RIGGING THE UNIT, UNLESS HAVING APPROVAL FROM STRUCTURAL ENGINEER. REMOVAL PATH CLEAR THRU SHOP AND GARAGE THRU OVERHEAD DOOR
- 8 DISCONNECT AND REMOVE NATURAL GAS SUPPLY PIPING, TO EXTENT REQUIRED BY NEW UNIT INSTALLATION
- 9 EXISTING CHEMICAL STORAGE EXHAUST FAN, U670-EF, TO BE REMOVED; FAN LOCATED ON SHOP/GARAGE ROOF ON 300mm ROOF CURB.
- 10 SHOP/GARAGE EXHAUST FAN, U675-EF TO BE REMOVED; FAN LOCATED ON SHOP/GARAGE ROOF ON 300mm ROOF CURB.
- 11 EXISTING WELDING EXHAUST FAN, U635-EF, TO BE REPLACED
- 12 EXISTING WASHROOM EXHAUST EXHAUST FAN, U615-EF, TO REMAIN IN SERVICE
- 13 EXISTING MECHANICAL STORAGE AND JANITOR ROOM EXHAUST EXHAUST FAN, U655-EF, TO REMAIN IN SERVICE
- 14 EXISTING ELECTRICAL ROOM COOLING FAN COILS, TO REMAIN IN SERVICE
- 15 EXISTING GARAGE SPACE UNIT HEATER, U650-UH, TO REMAIN IN SERVICE
- 16 EXISTING GENERATOR ROOM UNIT HEATER, U640-UH, TO REMAIN IN SERVICE
- 17 EXISTING SERVICE MONORAIL TO REMAIN IN SERVICE; PROVIDE TRAVEL STOP AT CHEMICAL STORAGE WALL; SEE DETAIL HS2.3, ELEVATION B
- 18 EXISTING SURFACE MOUNT DUPLEX RECEPTACLE; RELOCATE RECEPTACLE AND CONDUIT TO SUIT NEW WALL OPENINGS, TYP. (LOCATION SHOWN, APPROX.)

A AREA U - UTILITY MAIN & MEZZ. - EXISTING EQUIPMENT
SCALE 1:75

GENERAL NOTES

1. PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS AND PROVINCIAL MECHANICAL ENGINEERING & INSPECTIONS BRANCH REQUIREMENTS.
2. COORDINATE WORKS WITH OTHER SUB-TRADES. REFER TO SPECIFIC DETAILS FOR CUTTING AND SEALING PENETRATIONS THROUGH OPENINGS & FIRE SEPARATIONS.
3. REFER TO TECHNICAL SPECIFICATIONS FOR EQUIPMENT AND MATERIAL SPECIFICATIONS AND INSTALLATION CONSTRUCTION AND PHASING REQUIREMENTS.
4. INSULATE DUCTWORK WHERE INDICATED AND SPECIFIED.
5. SUPPORT ALL DUCTWORK TO MEET CODE REQUIREMENTS & ESTABLISHED INDUSTRY TRADE PRACTICES, (SMACNA, ASHRAE).
6. INVESTIGATE SITE PRIOR TO CONSTRUCTION TO CONFIRM ALL DIMENSIONS AND INSTALLATION REQ'S.
7. PERFORM ALL CUTTING & PATCHING NECESSARY FOR ANY REQUIRED OPENINGS.
8. PROVIDE TAB TO ENSURE AIR DISTRIBUTION TO VOLUMES INDICATED.
9. NOT ALL EQUIPMENT/PIPING, ETC. IS SHOWN.



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HOR. SCALE 1:75	RELEASED FOR CONSTRUCTION
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ENGINEER'S SEAL

CONSULTANT DRAWING NO. UM5.2

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2010 HVAC REPLACEMENT AND ASSOCIATED WORKS
WEWPCC
AREA U - UTILITY BUILDING
MAIN LEVEL & MEZZANINE - EXISTING EQUIPMENT

SHEET 1 OF 1
CITY DRAWING NUMBER
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