

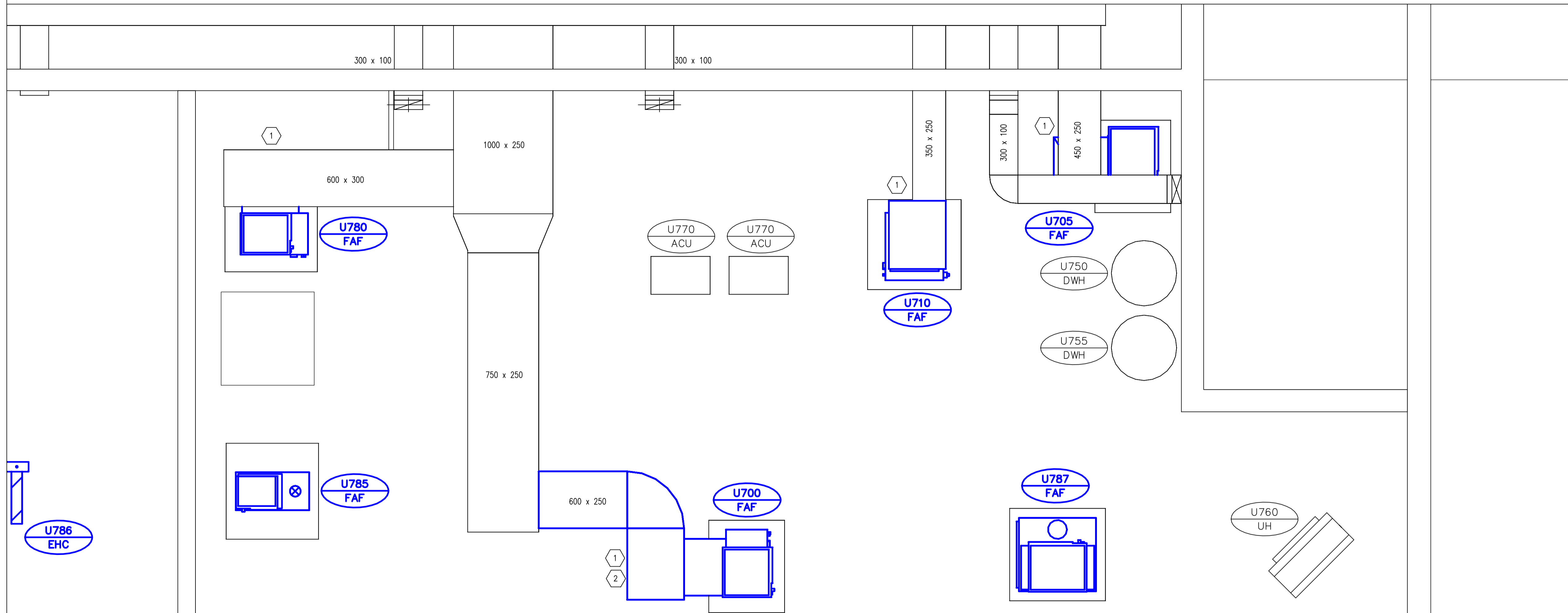
KEY PLAN

NOTES

1. NEW DUCTING TO BE INSTALLED AND CONNECTED TO THE EXISTING SYSTEM AS SHOWN. MORE INFORMATION CAN BE FOUND IN DETAILED SECTIONS FOUND IN THIS DRAWING PACKAGE.

KEY NOTES

- 1 PROVIDE BALANCING DAMPER FOR EACH INDIVIDUAL FURNACE ON RETURN AIR DUCTING BRANCHES.
- 2 RETURN DUCTING TO UNIT U700 IS TO BE REPLACED UP TO THE MAIN RETURN DUCT.



A  
- MECHANICAL ROOM – RETURN AIR DUCTING LAYOUT  
SCALE 1:25

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.



B.M. ELEV.	FIELD BOOK #:
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HOR. SCALE 1:25	RELEASED FOR CONSTRUCTION
VERTICAL	
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NO. REVISIONS	DATE BY DATE 2010-11-05

**ALLIANCE**  
Engineering Services Inc.

ENGINEER'S SEAL



CONSULTANT DRAWING NO.  
UM4.4



**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

2010 HVAC REPLACEMENT  
AND ASSOCIATED WORKS  
WEWPCC  
AREA U – ADMINISTRATION BUILDING  
MECHANICAL ROOM – R/A DUCTING LAYOUT [NEW]

SHEET 1 OF 1

CITY DRAWING NUMBER

1-0103V-M0023-001