

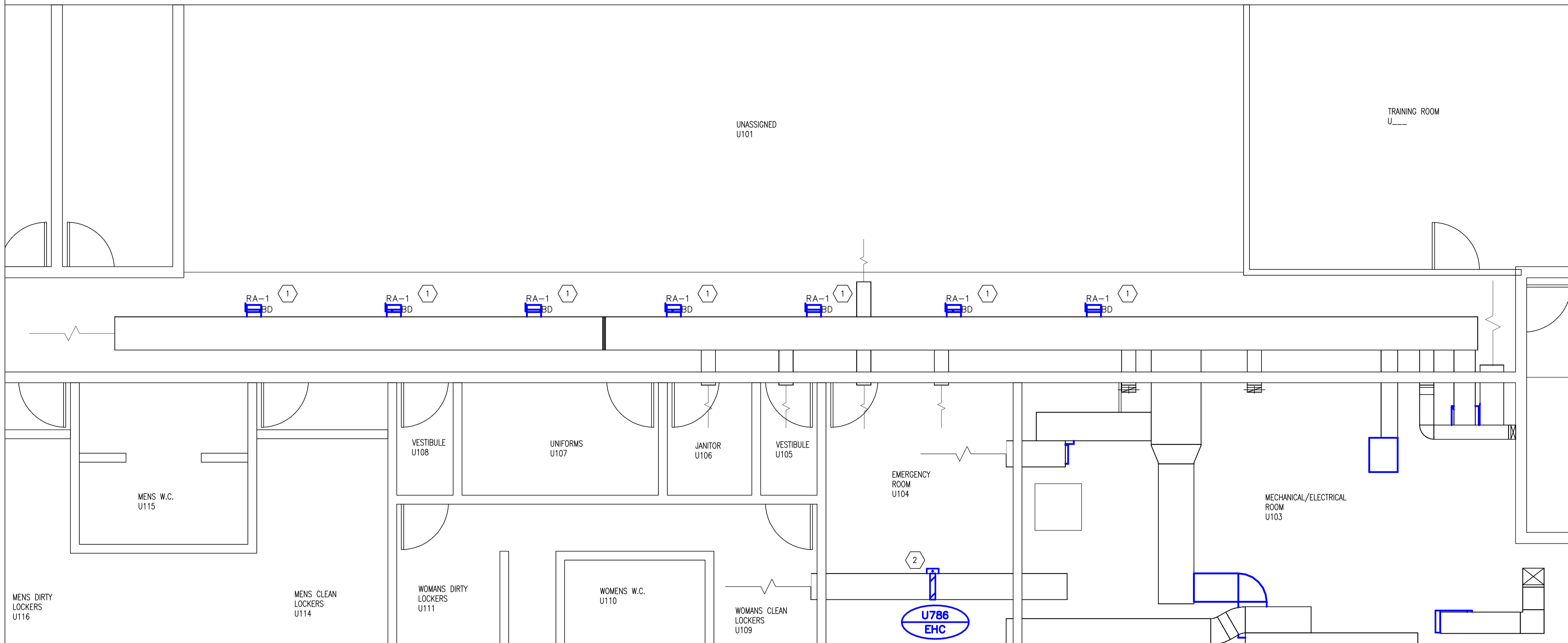
KEY PLAN

NOTES

- SEE SPECIFICATIONS FOR INFORMATION ON GRILLS.

KEY NOTES

- SEVEN (7) NEW R/A BOOTS TO BE INSTALLED C/W BALANCING DAMPER AND RETURN GRILL. BALANCE AIR FLOW AS SHOWN ON PROCESS FLOW DIAGRAM. EQUALLY SPACED.
- INSTALL 7KW ELECTRIC HEATING COIL IN SUPPLY DUCTING FOR LABORATORY SUPPLY AIR. THE HEATING COIL IS TO OPERATE A SECONDARY SOURCE OF HEAT FOR WHEN FURNACE U785 CAN NO LONGER MAINTAIN THE REQUIRED ROOM TEMPERATURE.



A MECHANICAL ROOM - MISC. WORK
SCALE 1:50

GENERAL NOTES

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



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|-------------------------------------|---------------------------|
| B.M. ELEV. | FIELD BOOK #: |
| POSTED TO LBIS | |
| DESIGNED BY DD | CHECKED BY |
| DRAWN BY DD | APPROVED BY |
| HOR. SCALE 1:50 | RELEASED FOR CONSTRUCTION |
| VERTICAL | |
| 00 ISSUED FOR TENDER 2010-12-21 AFG | |
| NO. REVISIONS | DATE BY DATE 2010-11-05 |

ALLIANCE
Engineering Services Inc.

ENGINEER'S SEAL



CONSULTANT DRAWING NO.
UM4.14



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2010 HVAC REPLACEMENT
AND ASSOCIATED WORKS
WEWPCC
AREA U - ADMINISTRATION BUILDING
MECHANICAL ROOM - MISC. WORK [NEW]

SHEET 1 OF 1

CITY DRAWING NUMBER

1-0103V-M0033-001