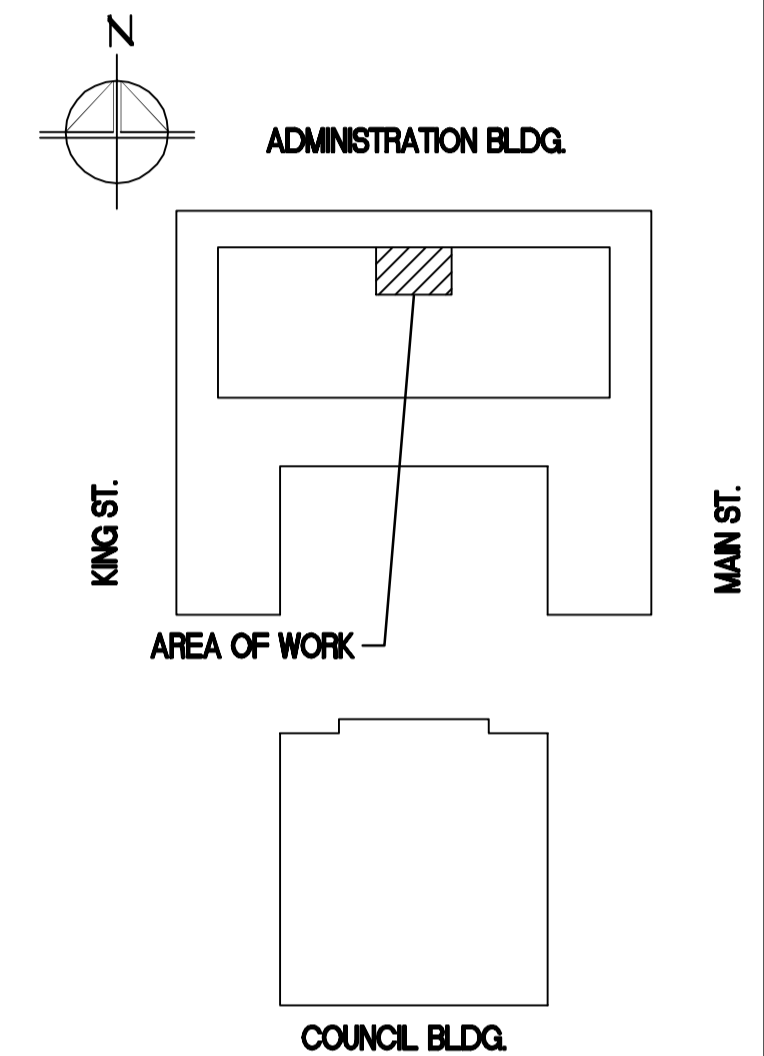


- NOTES:
- Ø 250 O/A DUCT BALANCED TO 100 L/s.
 - 500x400 S/A PLENUM TO HP-1. TRANSITION TO OUTLET SIZE AT UNIT.
 - SEE PHOTO 'A' FOR DUCT PENETRATION LOCATIONS THROUGH WALL.
 - U/S DUCT AT 3750 AFF
 - CHECK CALIBRATION OF EXISTING R-134A REFRIGERENT LEAK DETECTION SYSTEM. ADVISE CONTRACT ADMINISTRATOR IF REPLACEMENT IS REQUIRED.
 - NEW Ø 250 O/A DUCT TO FACE OF HP-1 R/A GRILL. SEE PHOTO ON THIS DRAWING FOR LOCATION.
 - THERMOSTAT FOR NEW HEAT PUMP HP-1 C/W CLEAR PLASTIC THERMOSTAT GUARD.
 - ANGLE DIFFUSERS DOWNWARD AT 45° FROM THE HORIZONTAL TOWARDS CHILLERS.
 - U/S DUCT AT 4500 AFF.
 - ALL S/A DUCT WORK TO BE THERMALLY INSULATED.



AECOM

This drawing has been prepared for the use of AECOM's client and may not be used, reproduced or relied upon by third parties, except as agreed by AECOM and its client, as required by law or for use by governmental reviewing agencies. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that modifies this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from stated dimensions.

| | | | |
|---|-----------------------|----|------------|
| 1 | ISSUED FOR ADDENDUM 1 | DL | 2011.11.16 |
| 0 | ISSUED FOR TENDER | GT | 2011.11.09 |

| No. | REVISION/DESCRIPTION | BY | DATE |
|-----|----------------------|----|------|
| | | | |

SEAL

PLAN 1
 SUB-BASEMENT VENTILATION
 SCALE 1:50
 0 500 1000 1500 mm

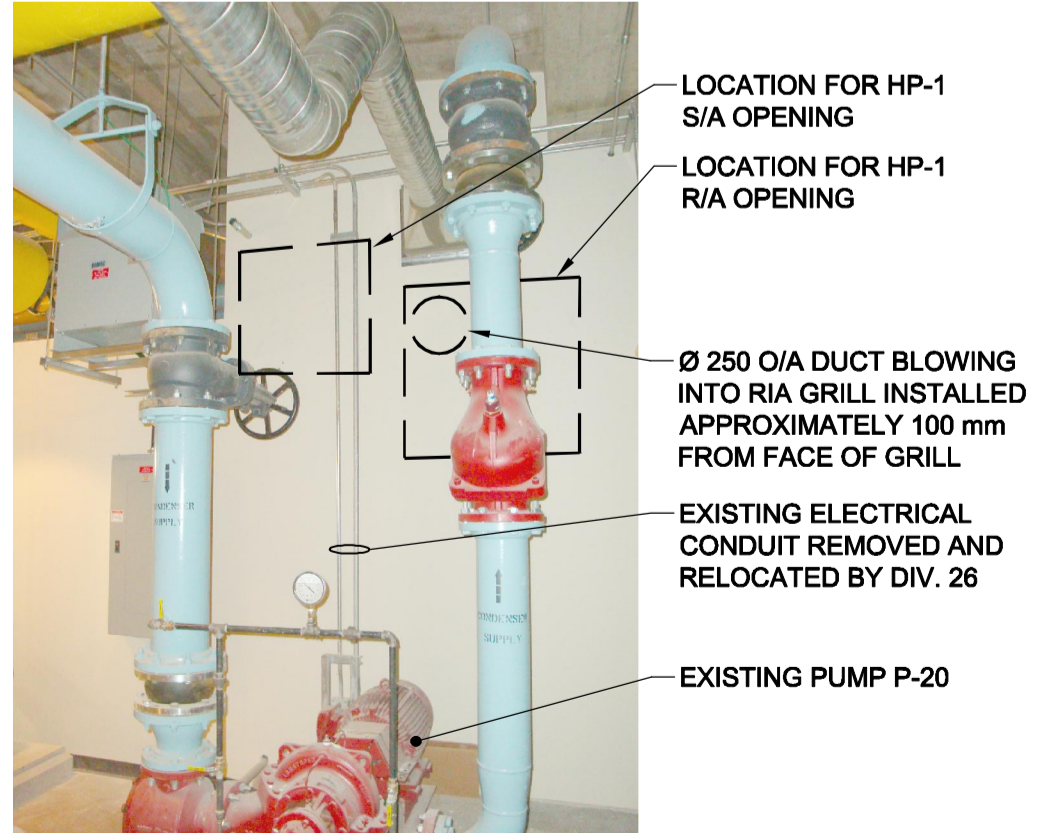


PHOTO
 SCALE: NTS
 HP-1 PENETRATIONS
 A M-004

APEGM
 Certificate of Authorization
 AECOM Canada Ltd.
 No. 4671 Date: _____

| | | | | |
|-----|-----|-----|-----|-----|
| DRN | CHK | DES | ENG | IDR |
| | | | | |

AECOM REVIEW

| DRAWN | GT | CHECKED | DC | DESIGNED | DC | APPROVED | PVL |
|-------|------------|---------------|----|----------|----|----------|-----|
| DATE | 2011.09.02 | USER APPROVAL | | | | | |

THE CITY OF WINNIPEG
 PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT
 MUNICIPAL ACCOMMODATIONS DIVISION
 3-65 GARRY STREET, R3C 4K4

PROJECT
 ADMINISTRATION & COUNCIL BUILDING
 REPLACEMENT OF COOLING PLANT - 510 MAIN STREET
 BID OPPORTUNITY NO. 673-2011
 510 MAIN STREET, WINNIPEG, MANITOBA

SHEET TITLE
**MECHANICAL
 SUB-BASEMENT MECHANICAL ROOM
 VENTILATION PLAN**

| | | |
|-------|-------------|-----------|
| SCALE | PROJECT No: | SHEET No: |
| NTS | 60220937 | M-004 |

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1