

KEY PLAN



DO NOT SCALE DRAWINGS

Revision/	Description/Description	Date/Date
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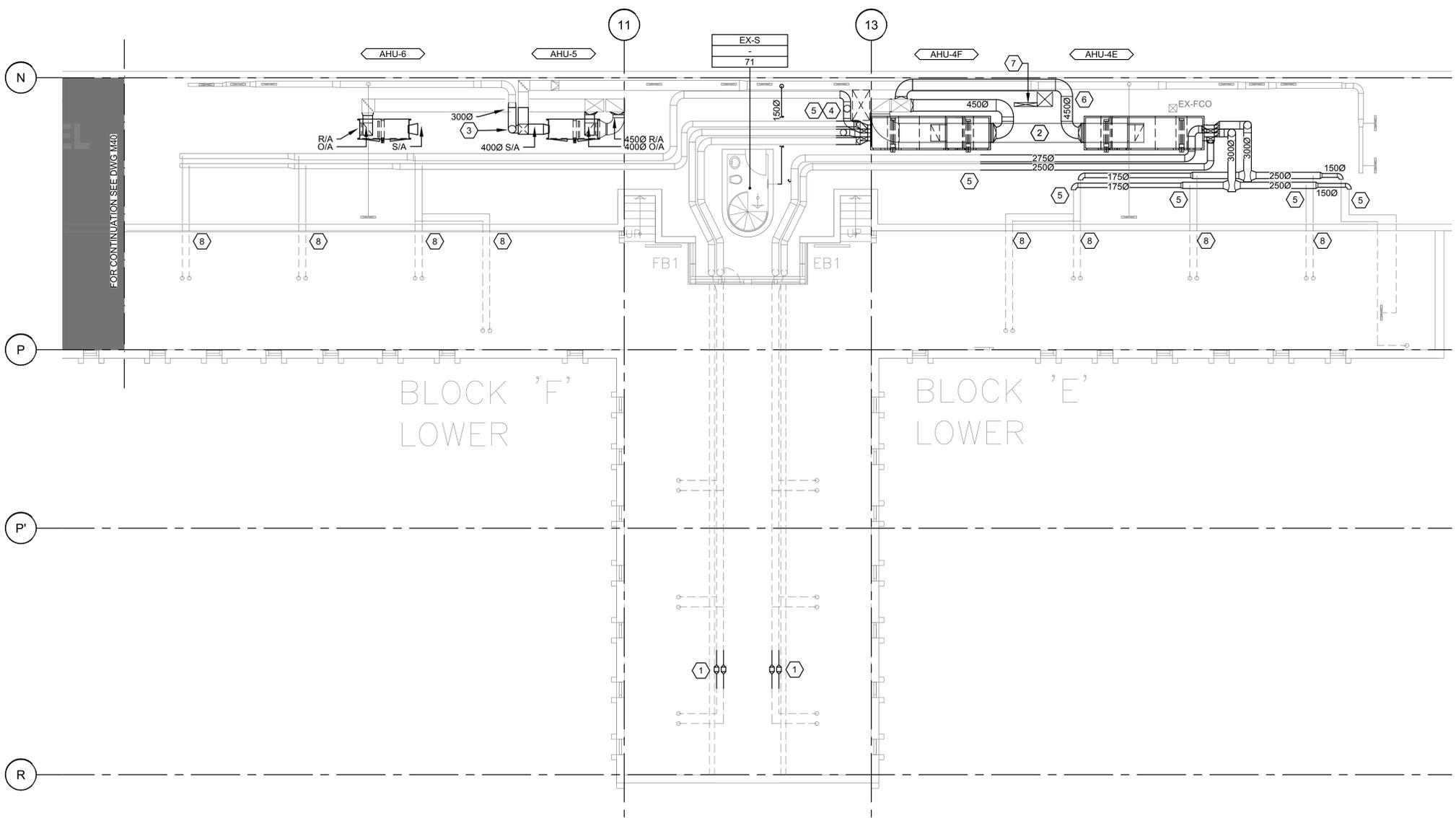
Client/client  
**PUBLIC WORKS & GOVERNMENT SERVICES CANADA**

Project title/Titre du projet  
**EDMONTON MAXIMUM SECURITY INSTITUTION**

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**EF BLOCK TUNNEL VENTILATION PLAN**

Project No./No. du projet <b>R.078013.001</b>	Sheet/Feuille <b>M41</b> OF 103	Revision no./La Révision no. <b>0</b>
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1 PLAN 1:100  
M41 EF BLOCK TUNNEL VENTILATION

- SHEET KEY NOTES**
- 1 INSTALL NEW HYDRONIC DUCT HEATER (TYPICAL OF 2). SEE HEATING DRAWING FOR PIPING INFORMATION. MATCH EXISTING DUCTWORK SIZE.
  - 2 INSTALL RETURN AIR DUCTWORK ABOVE AIR HANDLER.
  - 3 NEW IN DUCT REHEAT COILS FOR UNIT OFFICES AIR HANDLER. REFER TO HEATING DRAWINGS FOR PIPING INFORMATION AND REHEAT COIL TAGS. REFER TO DETAIL 7 ON M61 FOR LOCATION OF REHEAT COIL.
  - 4 ALTERNATE ZONE DUCT WORK TO RISE AS SHOWN. RECONNECT TO EXISTING.
  - 5 CONNECT EXISTING DUCTWORK TO NEW MAINS.
  - 6 NEW OA DUCTWORK TO RUN BELOW EXISTING TIGHT TO WALL.
  - 7 EXISTING CONTROL PANEL AND FIRE CONTROL VALVE & PIPING. FIRE CONTROL VALVE AND PIPING MUST REMAIN UNOBSTRUCTED AND FULLY ACCESSIBLE. REROUTE DUCTWORK AS REQUIRED. CONTRACTOR TO ALLOW FOR RELOCATION OF CONTROL PANEL TO FACILITATE MAINTENANCE CLEARANCE IN COORDINATION WITH DEPARTMENTAL REPRESENTATIVE.
  - 8 EACH DUCT SERVES 2 CELLS ON EACH FLOOR. BALANCE EACH DUCT TO THE REQUIRED VOLUMES AS REQUIRED BY THE VENTILATION PLANS.

- GENERAL NOTES**
- 1 EXISTING DRAWING INFORMATION IS NOT AS-BUILT. CONTRACTOR TO CONFIRM EXISTING CONDITIONS AND ROUTING PRIOR TO COMMENCING WORK.
  - 2 CONSTRUCTION ACTIVITIES SHALL BE COORDINATED AND STAGED WITH THE BUILDING OPERATOR TO MINIMIZE INTERRUPTION TO OPERATIONS.
  - 3 PATCH AND REPAIR OPENINGS TO MAINTAIN FIRE SEAL.
  - 4 REFER TO SECTION 1 ON M61 FOR TYPICAL CELL AIR HANDLER PAIR DETAILS.
  - 5 PLACEMENTS OF EXISTING AIR HANDLERS SHALL NOT COVER EXISTING FLOOR DRAINS OR CLEANOUTS.

