

KEY PLAN

APEGA
PERMIT TO
PRACTICE
P 3979

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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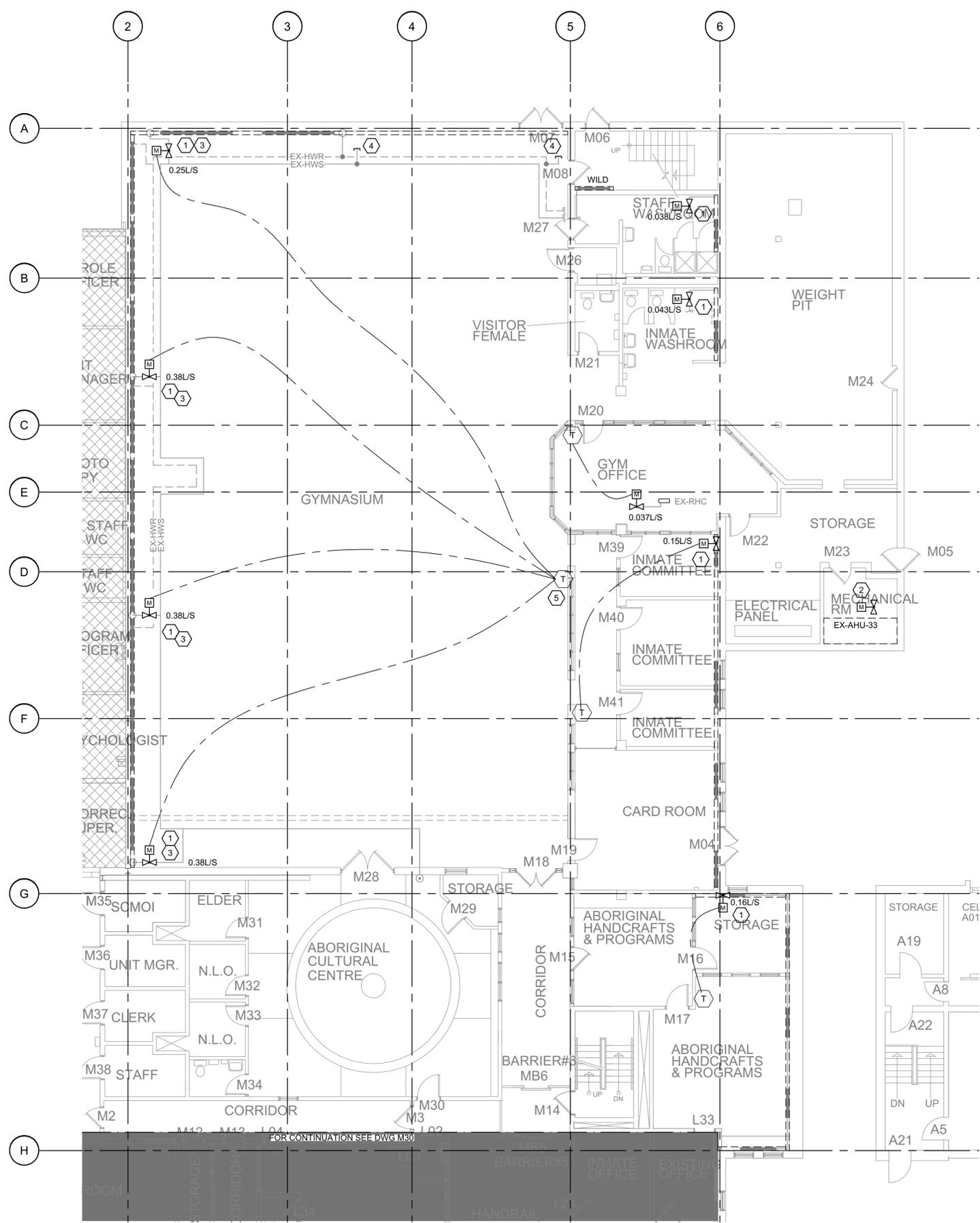
Client/client
PUBLIC WORKS & GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
GYM AREA HEATING AND CONTROLS

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
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- ### SHEET KEY NOTES
- REMOVE AND REPLACE PNEUMATIC CONTROL VALVE WITH NEW ELECTRIC CONTROL VALVE. INSTALL NEW CONTROL WIRING AND TEMPERATURE SENSOR AS SHOWN.
 - REMOVE AND REPLACE ALL PNEUMATIC CONTROLS WITH ELECTRONICS FOR AIR HANDLER HEATING LINE CONTROL VALVE, DAMPER ACTUATORS, MIXING VALVES. INTEGRATE EXISTING CONTROLS TO BMS SYSTEM.
 - EXISTING VALVES LOCATED APPROXIMATELY MIN. 7300mm ABOVE FINISHED FLOOR.
 - CAP SUPPLY AND RETURN BRANCH TO EXISTING HEATING TERMINAL. TERMINAL TO BE ABANDONED IN PLACE.
 - TEMPERATURE SENSOR TO BE FULLY CONCEALED AND INSTALLED FLUSH IN WALL. INSTALL USING TAMPER PROOF SECURITY SCREWS.

- ### GENERAL NOTES
- EXISTING DRAWING INFORMATION IS NOT AS-BUILT. CONTRACTOR TO CONFIRM EXISTING CONDITIONS AND ROUTING PRIOR TO COMMENCING WORK.
 - CONSTRUCTION ACTIVITIES SHALL BE COORDINATED AND STAGED WITH THE BUILDING OPERATOR TO MINIMIZE INTERRUPTION TO OPERATIONS.
 - PATCH AND REPAIR OPENINGS TO MAINTAIN FIRE SEAL.
 - FLOW VALUES NOTED FOR CONTROL VALVES ARE BASED ON EXISTING TERMINAL CAPACITIES FROM ORIGINAL RECORDS BASED ON 11°C TEMPERATURE DROP.
 - PROVIDE NEW TEMPERATURE SENSOR FOR BMS MONITORING AND CONTROL.
 - COORDINATE ALL REQUIRED OPENINGS IN WALLS TO PERFORM HEATING AND CONTROLS WORK. PATCH AND REPAIR WALLS. REFER TO ARCHITECTURAL PLANS FOR SPECIFIC REQUIREMENTS



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M29 GYM AREA HEATING AND CONTROLS 1:100

