

KEY PLAN

APEGA
PERMIT TO
PRACTICE
P 3979

DO NOT SCALE DRAWINGS

Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2017.08.16

Client/client
PUBLIC WORKS & GOVERNMENT SERVICES CANADA

Project title/Titre du projet

EDMONTON MAXIMUM SECURITY INSTITUTION

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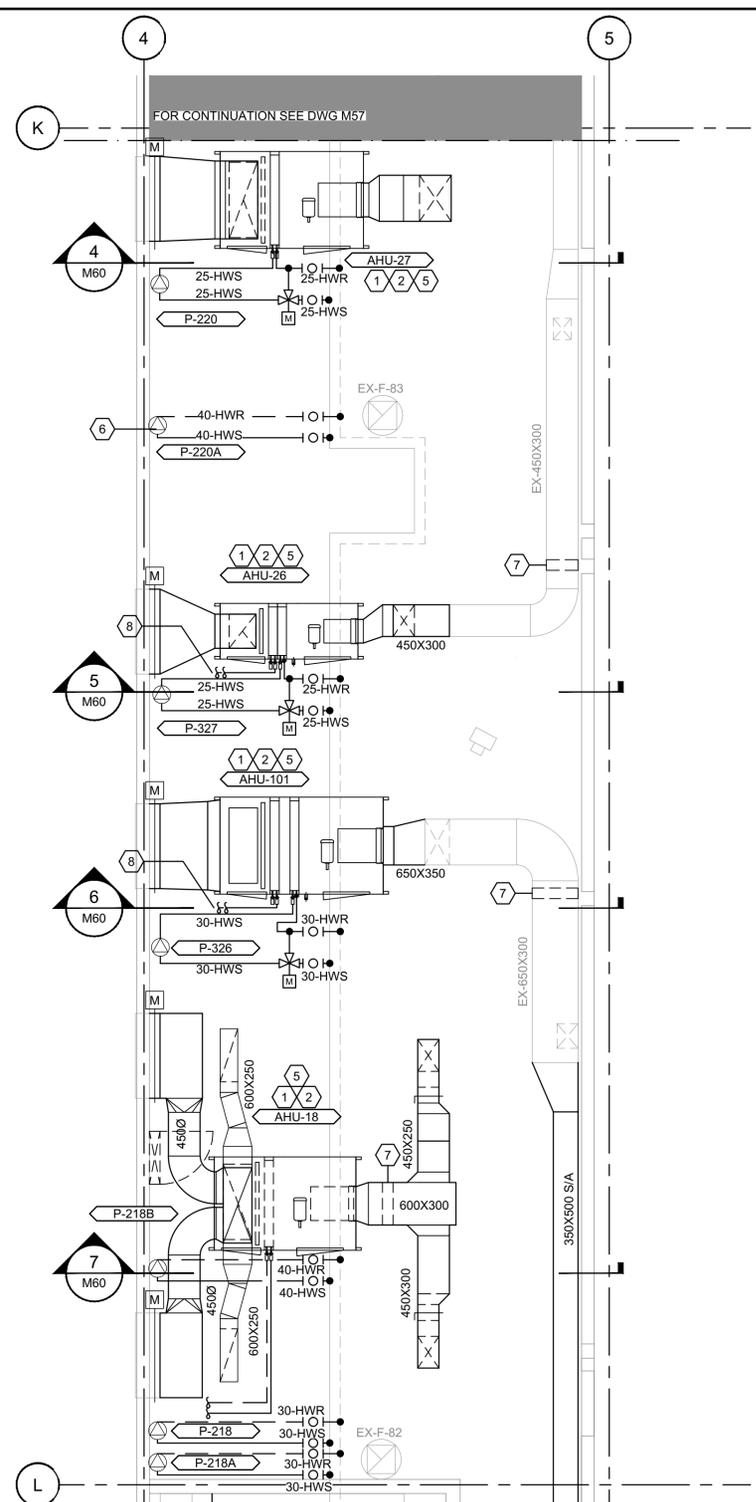
Client/client
PUBLIC WORKS & GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
**WEST MECHANICAL ROOM SOUTH
NEW CONSTRUCTION**

Project No./No. du projet
R.078013.001

Sheet/Feuille
M58
OF 103

Revision no./
La Révision
no.
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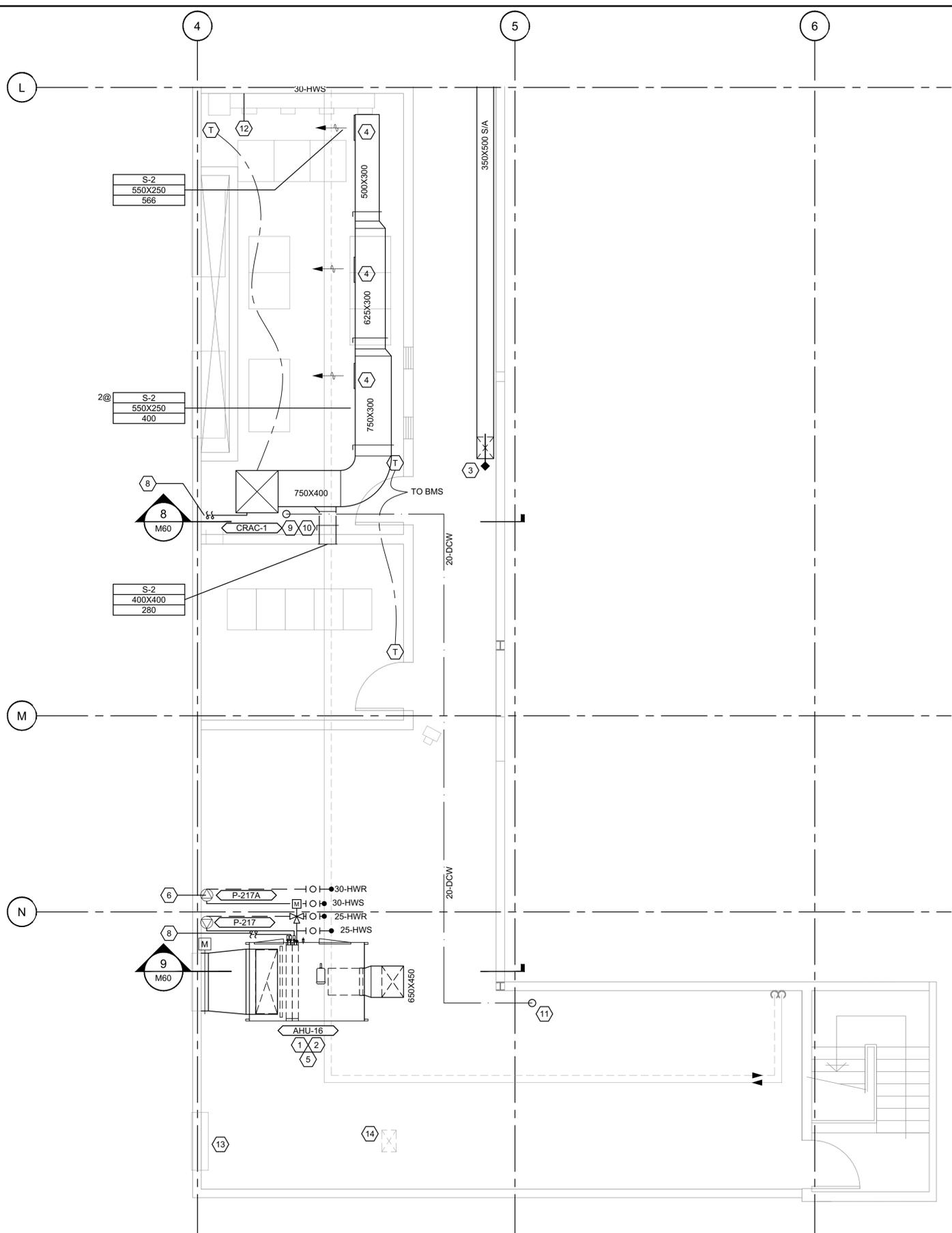


1 PLAN 1:50
M57 WEST MECHANICAL ROOM SOUTH

- SHEET KEY NOTES**
- AIR HANDLER TO BE INSTALLED ON 750mm TALL STRUCTURAL STAND.
 - CONNECT NEW AIR HANDLER TO EXISTING RETURN, SUPPLY AND OUTDOOR AIR DUCTS.
 - EXPAND OPENING TO SUIT NEW 350X500 DUCT TO BELOW. REMOVE EXISTING FIRE DAMPER AND REPLACE WITH NEW. INSTALL NEW 120 STEEL SECURITY BARS ON 137mm OC AT FLOOR PENETRATION.
 - ADJUST GRILLE TO DIRECT AIR 45° DOWN.
 - REFER TO VENTILATION SCHEMATICS FOR AIR HANDLER SPECIFIC HOT WATER PIPING INSTALLATION.
 - REFER TO TERMINAL LOOP PUMP INSTALLATION DETAIL 7 ON M62.
 - FUTURE STEAM GRID LOCATION.
 - CONNECT REFRIGERATION LINES FROM DX COIL TO CONDENSING UNIT. REFER TO ROOF PLAN M19 FOR LOCATION OF CONDENSING UNIT.
 - INDIRECT CONNECT CRAC-1 DRAIN TO NEAREST FLOOR DRAIN.

- CONNECT DCW TO CRAC-1
- TEE NEW DCW TO HOSE BIB DCW PIPE.
- SEAL EXISTING 300X300 WALL OPENING. APPROXIMATE LOCATION SHOWN.
- CAP LOUVER OPENING. LOUVER TO REMAIN.
- PATCH AND SEAL FLOOR OPENING.

- 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.
 - CONTRACTOR SHALL ALSO INCLUDE PATCHING OF EXISTING FIRE PROOFING FOR 15% OF THE TOTAL MECHANICAL ROOM AREA UPON COMPLETION OF CONSTRUCTION AND REPLACE ANY FIRE PROOFING COATINGS REMOVED DURING DEMOLITION AND CONSTRUCTION.



2 PLAN 1:50
M57 WEST MECHANICAL ROOM SOUTH