

KEY PLAN

APEGA
PERMIT TO PRACTICE
P 3979

DO NOT SCALE DRAWINGS

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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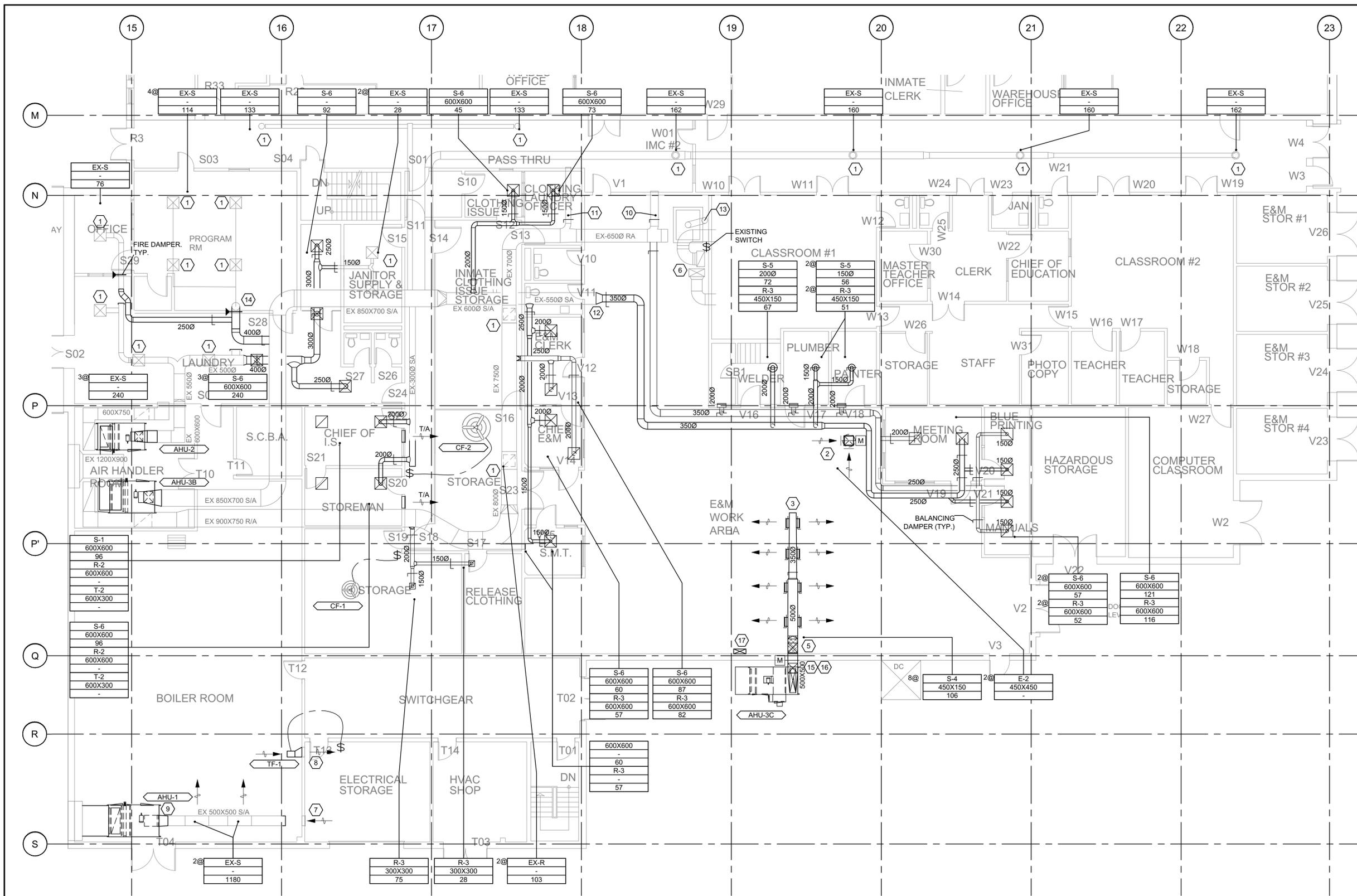
Client/client
PUBLIC WORKS & GOVERNMENT SERVICES CANADA

Project title/Titre du dessin
**ENGINEERING, MAINTENANCE,
LAUNDRY AND EDUCATION
VENTILATION PLAN**

Project No./No. du projet
R.078013.001

Sheet/Feuille
M49
OF 103

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La Révision
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0



1 PLAN
M49 ENGINEERING, MAINTENANCE, LAUNDRY AND EDUCATION VENTILATION 1:100

SHEET KEY NOTES

- REBALANCE EXISTING DIFFUSER.
- 500X500 E/A DUCT WORK TO EXHAUST FAN ON ROOF. INSTALL EXHAUST GRILLES ON DUCT FACE. BOTTOM OF EXHAUST DUCT TO BE APPROX 400mm A.F.F.
- INSTALL SUPPLY DUCTWORK BETWEEN JOISTS. JOG DUCTWORK ENTERING FROM OUTSIDE.
- SUPPLY DUCT TO BE INSTALLED 3700mm A.F.F.
- INSTALL ACOUSTIC LINED DUCT AT INTERIOR WALL PENETRATION UP TO 150mm BEFORE TRANSITION TO 5000.
- EXISTING DUCTWORK FROM ROOFTOP UNIT ABOVE SERVING EDUCATION AREA.
- EXISTING TRANSFER GRILLE.
- NEW TRANSFER FAN & 300X300 DUCT WORK. CONNECT TO EXISTING OPENING.
- TRANSITION AHU-1 OUTLET TO SUIT EXISTING 500X500 SUPPLY DUCT.
- BALANCE 4000 RETURN DUCT TO 683 L/S

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.

