

KEY PLAN

APEGA
PERMIT TO
PRACTICE
P 3979

DO NOT SCALE DRAWINGS

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

Client/client

PUBLIC WORKS &
GOVERNMENT SERVICES
CANADA

Project title/Titre du projet

EDMONTON MAXIMUM
SECURITY INSTITUTION

Approved by/Approuvé par
J. MAH

Designed by/Concept par
J. MAH

Drawn by/Dessiné par
J. CHOA

PWGSC Project Manager/Administrateur de Projets TPSCG
ANDREW GILLESE

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/client
PUBLIC WORKS & GOVERNMENT SERVICES CANADA

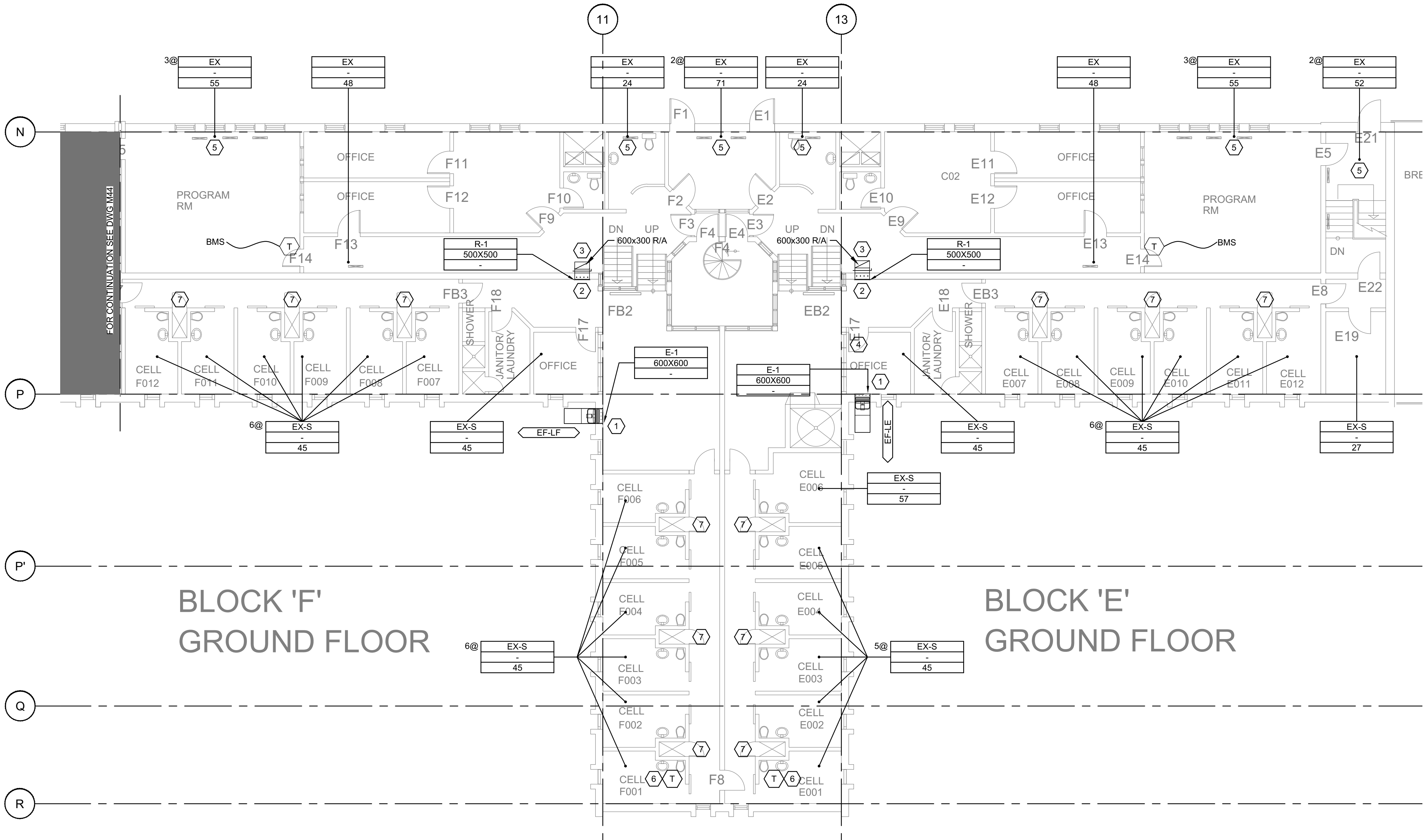
Drawing title/Titre du dessin

EF BLOCK UNIT OFFICES
LOWER LEVEL AND 1ST FLOOR CELL
VENTILATION PLAN

Project No./No. du
projet
R.078013.001

Sheet/Feuille
M45
OF 103

Revision no./
La Révision
no.
0



1 PLAN 1:100
M45 EF BLOCK UNIT OFFICES AND
LOWER LEVEL CELL VENTILATION

SHEET KEY NOTES

- 1 INSTALL NEW OPENING IN EXTERIOR STEEL REINFORCED CONCRETE WALL. FULLY WELDED MAXIMUM SECURITY GRILLE ASSEMBLY WITH INTEGRAL STEEL SECURITY BARS & ASSOCIATED EXHAUST FAN ASSEMBLY MUST BE ON HAND AND READY TO INSTALL PRIOR TO CUTTING WALL OPENING. REFER TO ARCHITECTURAL & STRUCTURAL DETAILS FOR INSTALLATION AND SUPPORT DETAILS. CONTRACTOR TO XRAY WALL PRIOR TO CUTTING. CONTRACTOR SHALL HAVE FULL MOCK UP OF INSTALLATION FOR REVIEW PRIOR TO WALL CUTTING. WALL OPENING DIMENSION & MAXIMUM SECURITY GRILLE DIMENSION MUST MATCH AND BE COORDINATED WITH THE ASSOCIATED WALL FAN DURING SHOP DRAWING STAGE TO ALLOW FOR TIGHT CONSTRUCTION.
- 2 INSTALL NEW 500X500 OPENING IN INTERIOR CONCRETE WALL. FULLY WELDED MAXIMUM SECURITY GRILLE ASSEMBLY WITH INTEGRAL STEEL SECURITY BARS MUST BE ON HAND AND READY TO INSTALL PRIOR TO CUTTING WALL OPENING. REFER TO SECTION 3 FOUND ON M61 FOR INSTALLATION.
- 3 RETURN AIR DUCT WORK TO ABOVE. SIZE AS SHOWN. INSTALL MOTORIZED DAMPER & SMOKE SENSOR IN DUCTWORK AS SHOWN ON SECTION 3 FOUND ON M61. REFER TO ARCHITECTURAL FOR DUCTWORK CHASE DETAILS.
- 4 REPLACE EXISTING DOOR WITH NEW. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
- 5 REBALANCE EXISTING FLOOR GRILLES. BALANCING DAMPERS LOCATED INSIDE DUCTWORK W/ ACCESS PANELS BELOW IN TUNNEL.
- 6 INSTALL NEW CONCEALED TEMPERATURE SENSOR IN EXISTING FIRE ALARM INFRASTRUCTURE. COORDINATE LOCATION WITH BUILDING OPERATOR.
- 7 REBALANCE EXISTING CELL DIFFUSERS. BALANCING DAMPER LOCATED INSIDE SHAFT IN TUNNEL LEVEL. NOTE THAT 2 CELLS ARE BALANCED PER DUCT.

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 COORDINATE ALL REQUIRED OPENINGS IN WALLS TO PERFORM HEATING AND CONTROLS WORK. PATCH AND REPAIR WALLS. REFER TO ARCHITECTURAL PLANS FOR SPECIFIC REQUIREMENTS