

KEY PLAN

APEGA
PERMIT TO
PRACTICE
P 3979

DO NOT SCALE DRAWINGS

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Revision/	Description/Description	Date/Date

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

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

Project No./No. du
projet

R.078013.001

Sheet/Feuille

M43

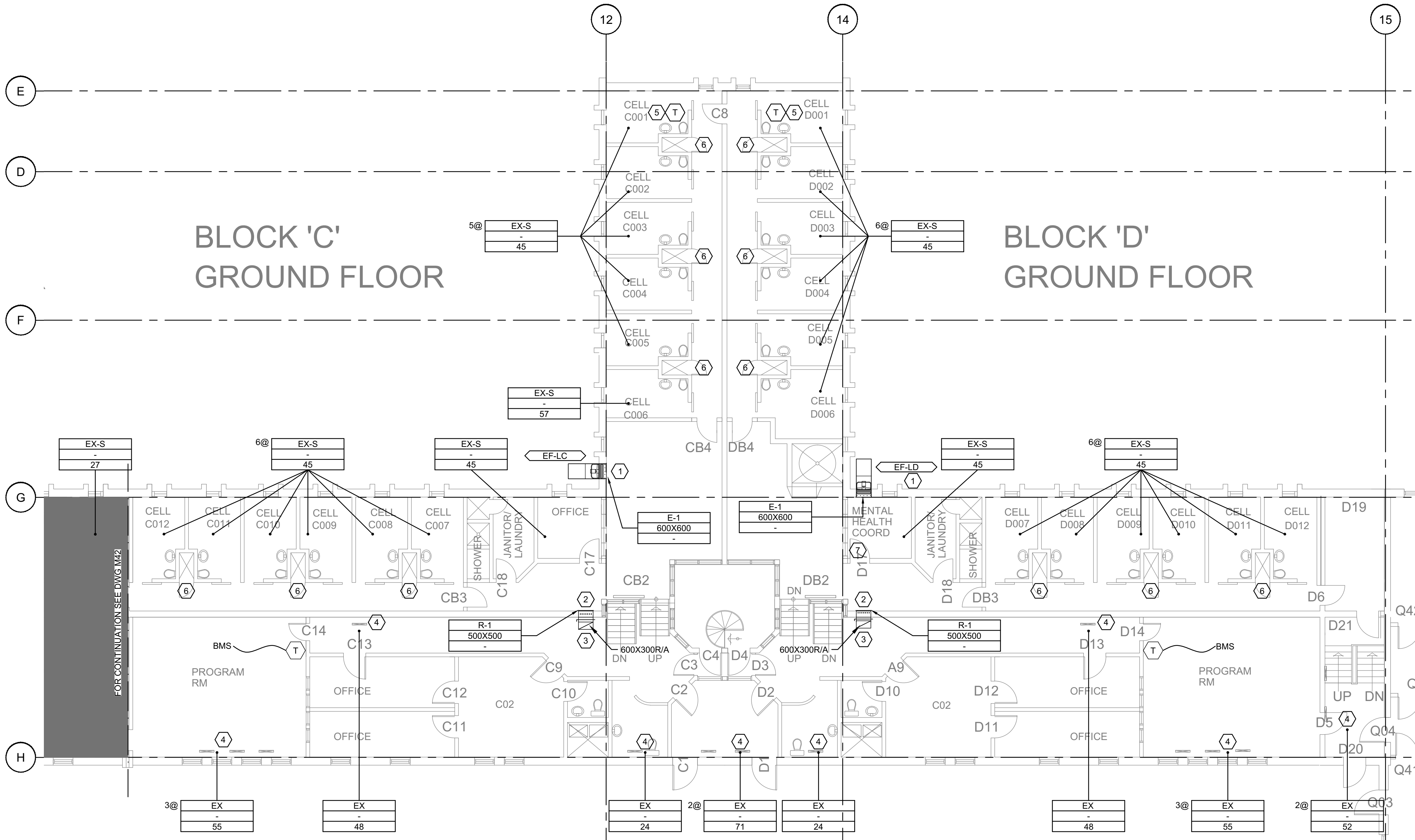
OF 103

Revision no./

La Révision

no.

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1 PLAN
M43
CD BLOCK UNIT OFFICES AND
LOWER LEVEL CELL VENTILATION
1:100

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. REBALANCE EXISTING FLOOR GRILLES. BALANCING DAMPERS LOCATED INSIDE DUCTWORK W/ ACCESS PANELS BELOW IN TUNNEL.
5. INSTALL NEW CONCEALED TEMPERATURE SENSOR IN EXISTING FIRE ALARM INFRASTRUCTURE. COORDINATE LOCATION WITH BUILDING OPERATOR.
6. REBALANCE EXISTING CELL DIFFUSERS. BALANCING DAMPER LOCATED INSIDE SHAFT IN TUNNEL LEVEL. NOTE THAT 2 CELLS ARE BALANCED PER DUCT.
7. REFER TO ARCHITECTURAL DETAIL 3 ON A1 FOR INSTALLATION OF NEW DOOR WITH TRANSFER GRILLE.

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