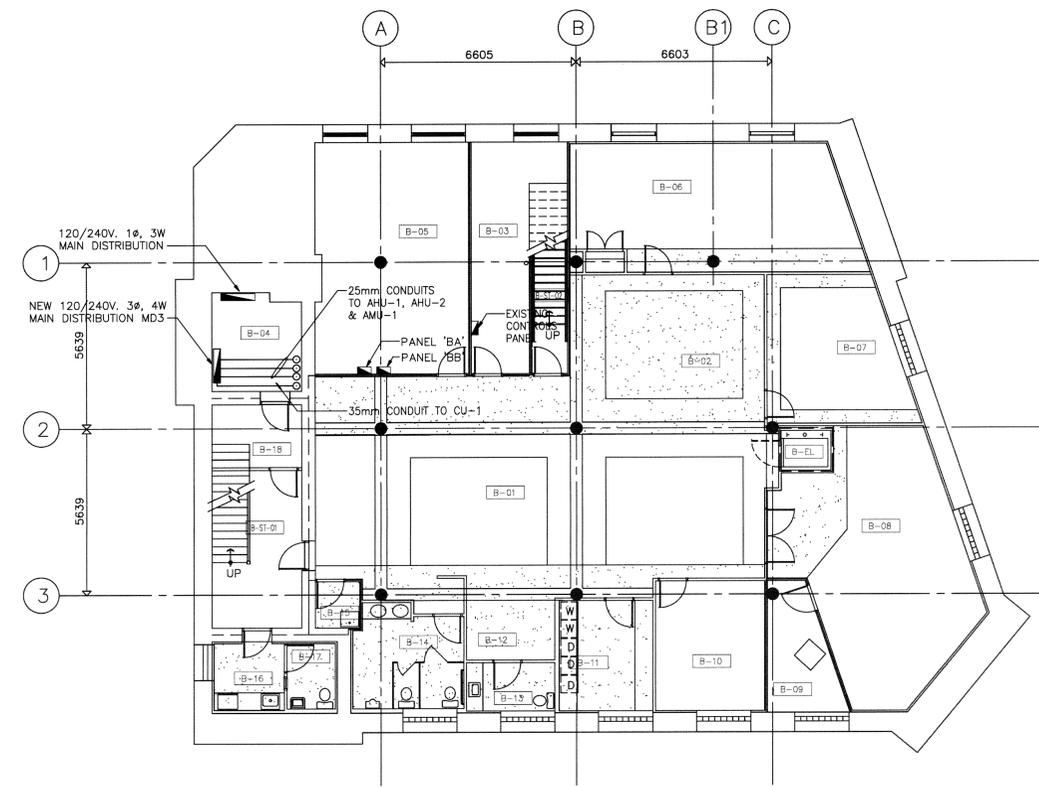
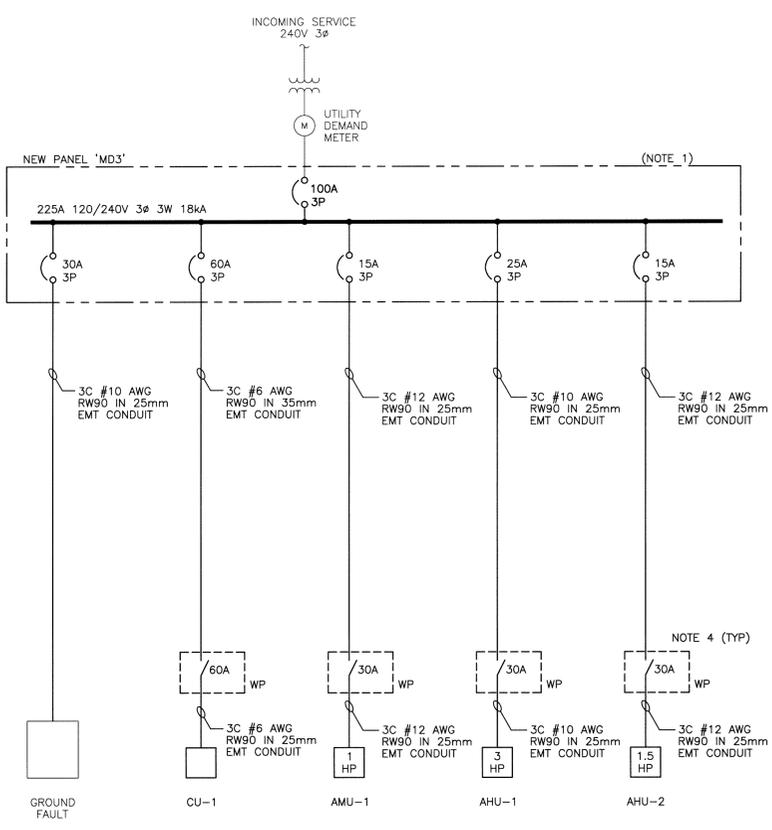


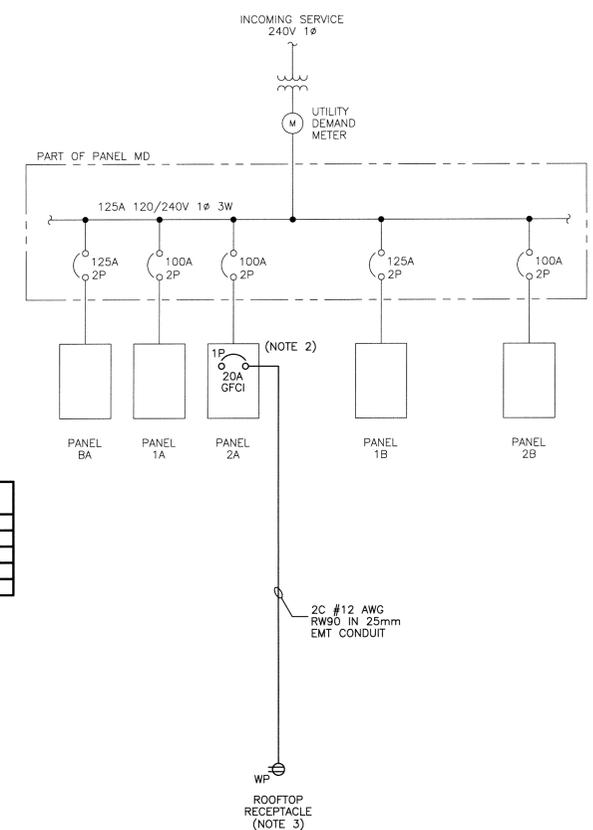
1 BASEMENT PLAN - EXISTING
 SCALE: 1:100mm (24"x36")
 N.T.S. (11"x17")



2 BASEMENT PLAN - NEW
 SCALE: 1:100mm (24"x36")
 N.T.S. (11"x17")



A SINGLE LINE DIAGRAM (3φ)
 SCALE: N.T.S.



B PARTIAL SINGLE LINE DIAGRAM (1φ)
 SCALE: N.T.S.

TAG	EXIST HP	EXIST FLA	NEW HP	NEW 3φ FLA
AHU-1	2HP	12	3HP	9.6
AHU-2	1-1/2HP	10	1-1/2HP	6
AMU-1	1HP	8	1HP	4.2
CU-1	-	40.6	2@1HP	47.7
		70.6	TOTALS	67.5

NOTE 4 (TYP)

- NOTES:**
- REMOVE EXISTING DISCONNECT SWITCH AND SPLITTER FOR THE 240V, 3 PHASE SERVICE AND REPLACE WITH NEW 42 CIRCUIT NO PANELBOARD RATED 240V/120V, 3φ, 3W, 18KA WITH SERVICE ENTRANCE MAIN BREAKER RATED 100A/3P AND ALL BRANCH BREAKERS AS INDICATED.
 - PROVIDE AND INSTALL 1-SINGLE POLE, 20A, 125V, CLASS A GFCI, 25KA BREAKER.
 - PROVIDE AND INSTALL 20A, 125V DUPLEX RECEPTACLE, ENCLOSURE AND COVER SHALL BE WEATHERPROOF. COVERPLATE: INTERMATIC WP3100C.
 - PROVIDE AND INSTALL SQUARE D GENERAL DUTY SAFETY SWITCH, 30A OR 60A, 600V, 3φ, 100KA, TYPE 3R ENCLOSURE.
 - ALL CONDUIT RUNS TO BE FIELD VERIFIED BEFORE INSTALLATION.
 - ALL PENETRATIONS SHALL BE FIRE STOP SEALED.

- LEGEND:**
- CONDUIT RUN UP
 - DISCONNECT WP DENOTES WEATHERPROOF
 - ⊕ DUPLEX RECEPTACLE WP DENOTES WEATHERPROOF



DO NOT SCALE DRAWINGS

Revision/	Description/Description	Date/Date
0	ISSUED FOR CONSTRUCTION	13/05/20

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
 100-167 LOMBARD AVENUE
 WINNIPEG MB R3C 2Z1

Project title/Titre du projet
**REPLACEMENT OF AIR HANDLING UNITS
 OSBORNE CORRECTIONAL COMMUNITY CENTRE
 1048 MAIN STREET, WINNIPEG, MB**

Approved by/Approve par
DAK
 Designed by/Concept par
 DAK
 Drawn by/Dessine par
 GCN
 PWGSC Project Manager/Administrateur de Projets TPSGC
 TIM LODGE
 PWGSC, Architectural and Engineering Resources Manager/
 Ressources Architecturales et de Directeur d'ingénierie, TPSGC

Drawing title/Titre du dessin
**ELECTRICAL
 BASEMENT
 POWER PLAN
 AND
 SINGLE LINE DIAGRAMS**



Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.058521.001	E01 OF 04	0

P:\Projects\2013\13-0006-001\Doc\Control\Bases\DWG\13-0006-001_E01-Rev. 0.dwg - Tab. B1 - 1000x707 Plotted By: Doreene 05/30/2013 (Thu 8:34am)