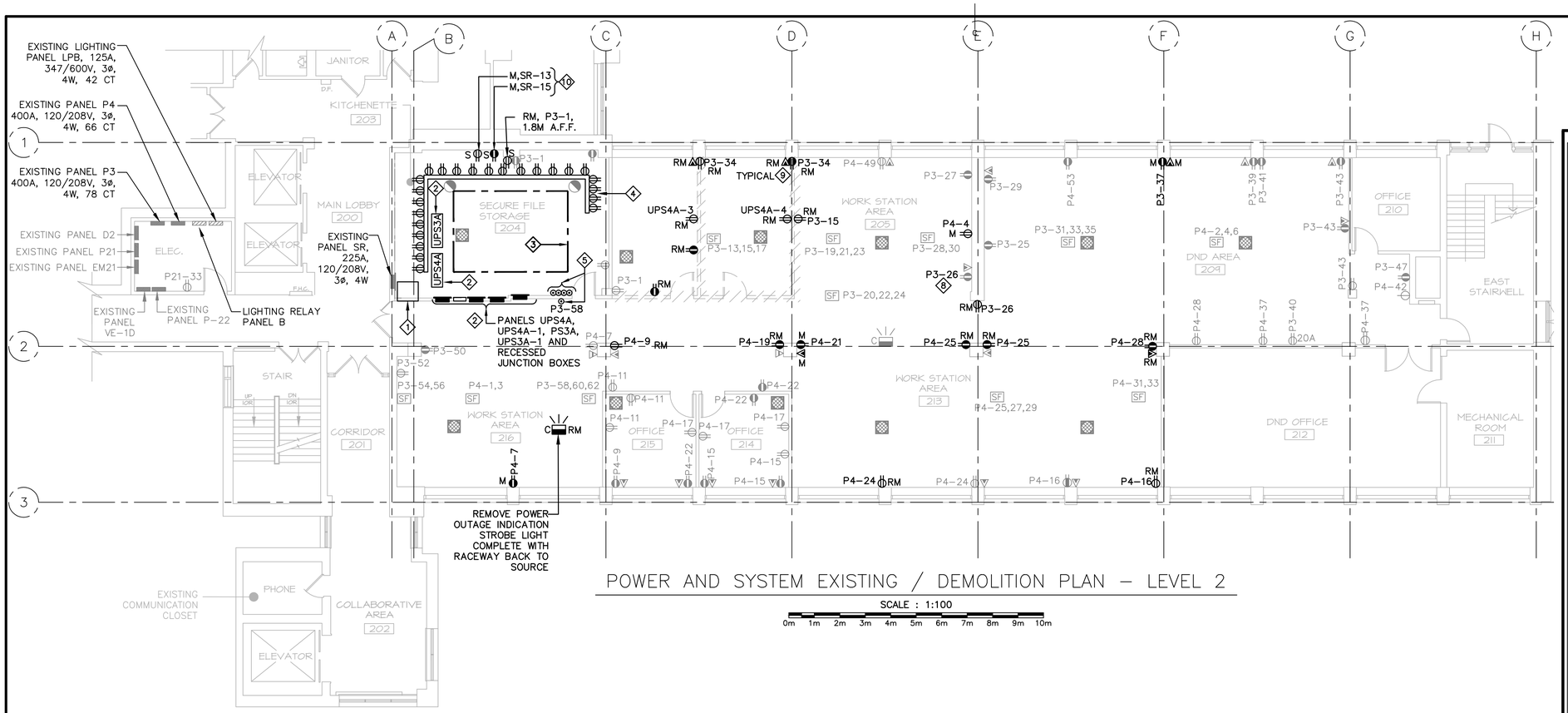
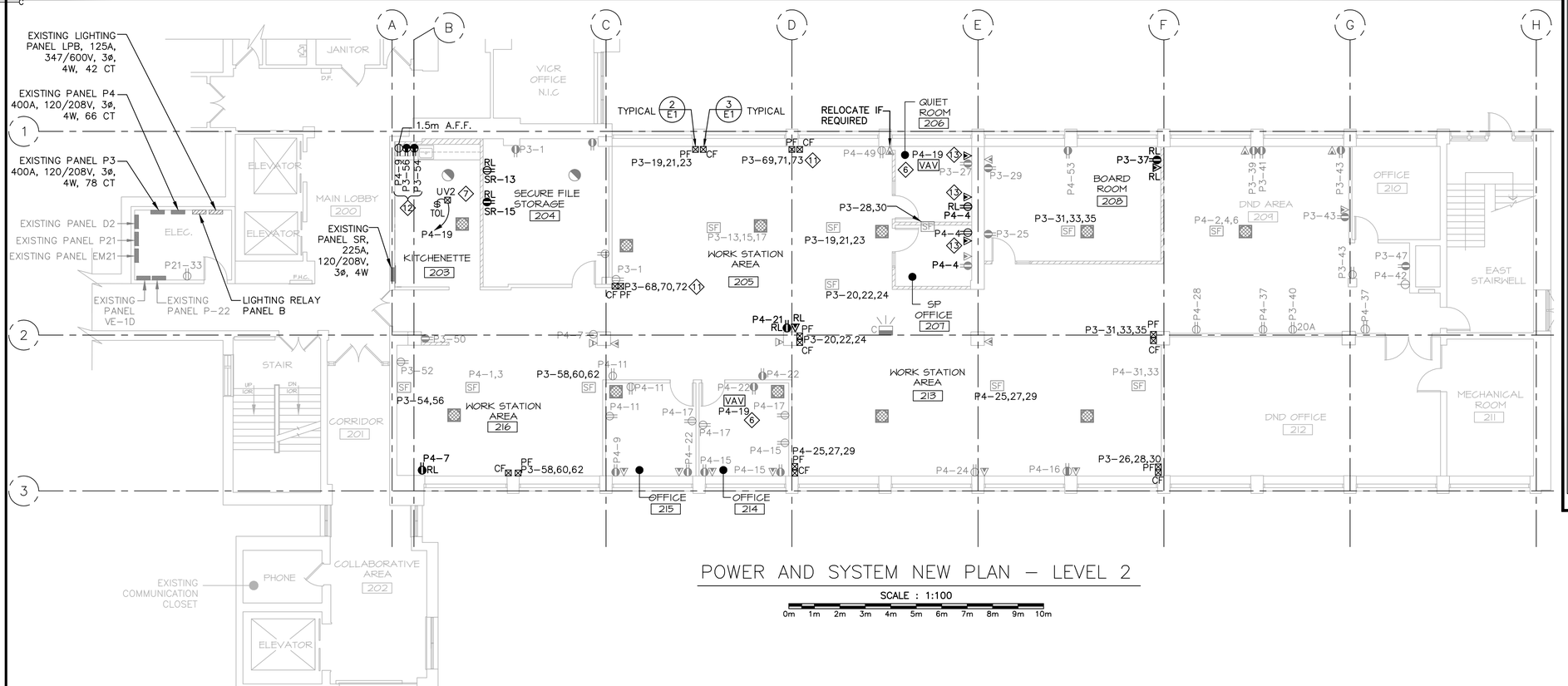


POWER AND SYSTEM EXISTING / DEMOLITION PLAN – LEVEL 2

SCALE : 1:100

0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m



POWER AND SYSTEM NEW PLAN – LEVEL 2

SCALE : 1:100

0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m

ELECTRICAL NOTES:

INDICATED BY THE (1) SYMBOL ON THE DRAWINGS. (I.E. (1) INDICATES NOTE 1)

NOTE 1: REMOVE THE FOLLOWING EQUIPMENT:
- ENCLOSED CIRCUIT BREAKERS C/W ALL ASSOCIATED WIRING BACK TO SOURCE. CAP EXISTING CONDUIT AND LABEL AS SPARE. TURN OVER EQUIPMENT TO DEPARTMENTAL REPRESENTATIVE.
- REMOVE PIN AND SLEEVE RECEPTACLES C/W ALL ASSOCIATED RACEWAY. TURN OVER RECEPTACLE TO DEPARTMENTAL REPRESENTATIVE.
- REMOVE EXISTING PATCH PANEL AND FIBER OPTIC CABINET. DISCONNECT AND CAREFULLY REMOVE COMMUNICATION CABLES, PULL BACK AND COIL ABOVE THE SUSPENDED CEILING.

NOTE 2: REMOVE EQUIPMENT C/W ALL ASSOCIATED RACEWAY BACK TO SOURCE. TURN OVER EQUIPMENTS TO DEPARTMENTAL REPRESENTATIVE.

NOTE 3: EXISTING OWNER'S IT EQUIPMENT TO BE REMOVED BY OWNER. COORDINATE WITH DEPARTMENTAL REPRESENTATIVE.

NOTE 4: REMOVE ALL RECEPTACLES COMPLETE WITH ALL ASSOCIATED RACEWAY BACK TO SOURCE (PANELS UPS3A, UPS4A, UPS3A–1, UPS4A–1, AND SR).

NOTE 5: REMOVE UPS EMERGENCY SHUTDOWN PUSH BUTTONS AND POWER OUTAGE RESET PUSH BUTTON COMPLETE WITH ALL ASSOCIATED WIRING BACK TO SOURCE.

NOTE 6: VAV BOX. USE 2#12AWG + #12 BOND IN 21mm EMT CONDUIT

NOTE 7: INSTALL AIR PURIFIER MANUAL STARTER IN CEILING SPACE LOCAL TO UNIT. FEED FROM EXISTING CIRCUIT P4–19 AND USE 2#12AWG + #12 BOND IN 21mm EMT CONDUIT. INSTALL A WARNING SIGN IN A VISIBLE PLACE STATING EQUIPMENT WILL OPERATE CONTINUOUSLY.

NOTE 8: DISCONNECT FROM CIRCUIT P3–26 AND RECIRCUIT FROM P4–4.

NOTE 9: DISCONNECT AND CAREFULLY REMOVE COMMUNICATION CABLES. PULL BACK AND COIL ABOVE THE SUSPENDED CEILING.

NOTE 10: REMOVE EXISTING SURFACE MOUNT RECEPTACLE AND CONDUIT. PROVIDE NEW RECEPTACLE AS INDICATED ON POWER AND SYSTEM NEW LAYOUT. RECEPTACLE CONFIGURATION AND TYPE SHALL MATCH EXISTING.

NOTE 11: PROVIDE THREE (3) SEPARATE 15A–1P CIRCUIT BREAKER IN EXISTING PANEL P3 FOR FURNITURE FEED. USE 3 X (2#10AWG + #12 BOND + #12 I.G.) ALL IN 27mm EMT CONDUIT. EXISTING PANEL IS SIEMENS "P2" CATALOG NO. P2C78ML400CTS.

NOTE 12: FEED KITCHENETTE COUNTER RECEPTACLES FROM EXISTING CIRCUITS P4–9, P3–54, AND P3–56. USE 2#12AWG + #12 BOND IN 21mm EMT CONDUIT FOR EACH.

NOTE 13: TERMINATE A 21mm EMPTY EMT CONDUIT IN CEILING SPACE. COMMUNICATION CABLING PROVIDED BY OTHERS, INSTALLED AND TERMINATED BY ELECTRICAL CONTRACTOR. COORDINATE WITH DEPARTMENTAL REPRESENTATIVE.

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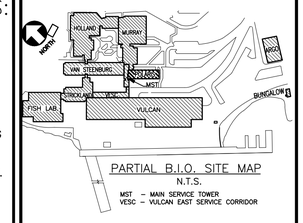

PARTIAL B.I.O. SITE MAP
N.T.S.
MST – MAIN SERVICE TOWER
VESC – VULCAN EAST SERVICE CORRIDOR

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DATE 18/01/16
H. M. Bottikh
9961

revisions		date
B	ISSUE FOR TENDER	01/18 2016
A	ISSUED FOR 100% REVIEW	01/14 2016

project / projet

POLARIS BUILDING
FLOOR PLAN UPGRADES

BEDFORD INSTITUTE OCEANOGRAPHY
DARTMOUTH – NS

drawing / dessin

LEVEL 2
POWER/SYSTEMS PLAN
NEW LAYOUT & DEMOLITION

designed	AL	conçu
date	DEC 2015	
drawn	AL	dessiné
date	DEC 2015	
approved	H.B.	approuvé
date	JAN 2016	
Tender		Soumission
PWGSC Project Manager		Administrateur de projets TPSGC

project number / no. du projet: F5654–150080

drawing no. / no. du dessin: E3

PWGSC A1 (2004)

C

0 10 20mm 40 60 80 100 120 140 160 180 200mm

E-DRM/GDD-E: #XXXXX