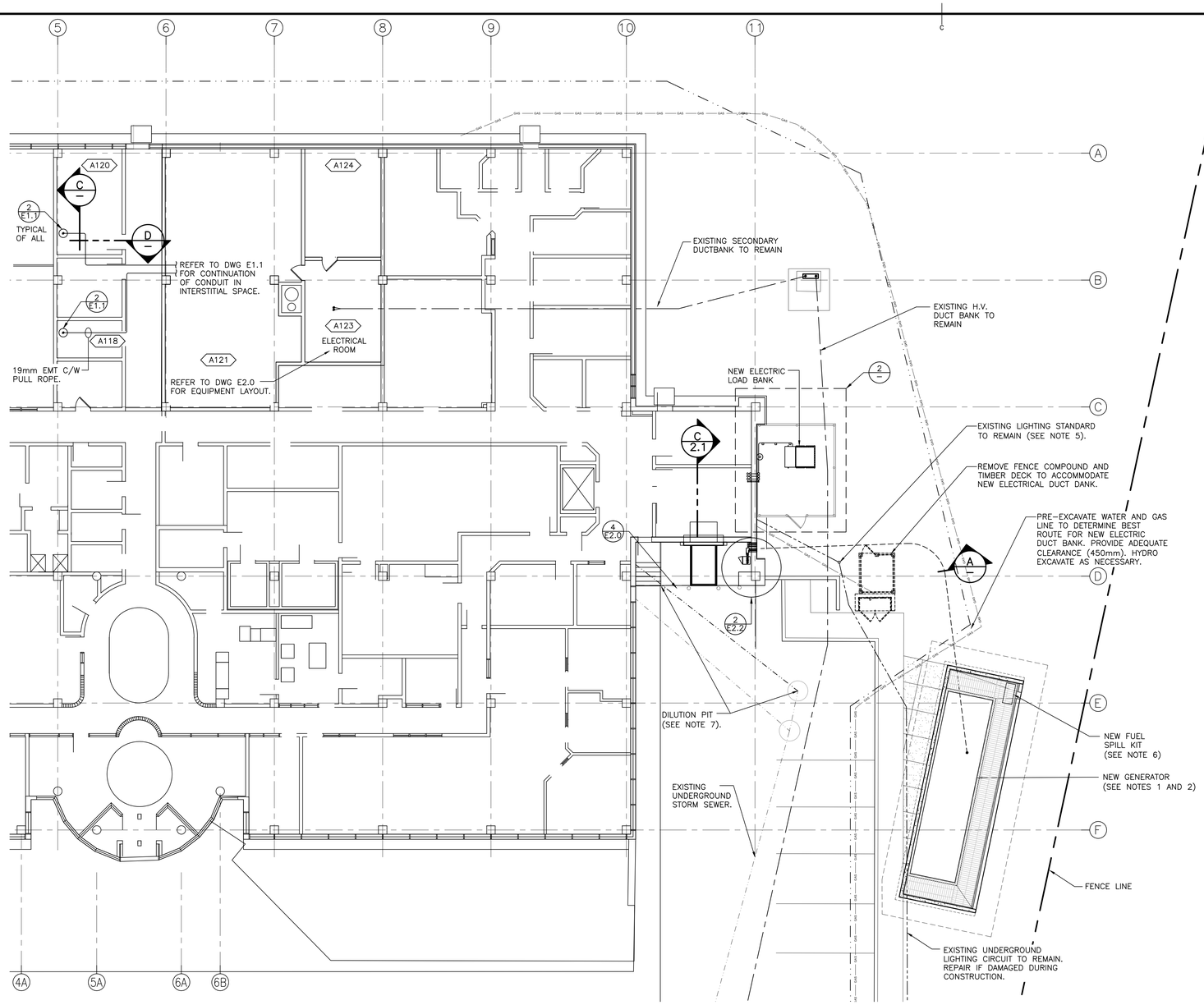


SITE PLAN

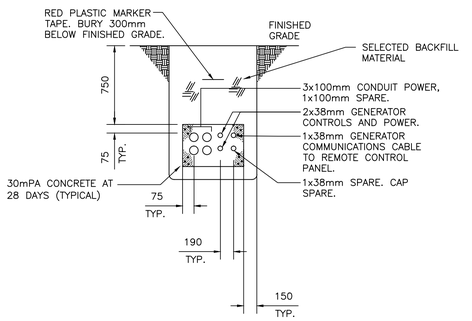
SCALE : 1:125

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

NOTES:

1. THE INSTALLATION OF THE FUEL STORAGE TANK IS TO BE COMPLETED BY A CERTIFIED PETROLEUM INSTALLER. THE CERTIFIED INSTALLER IS TO PROVIDE A LETTER OF CONFIRMATION THAT THE INSTALLATION MEETS CURRENT CODES AND REGULATIONS AND THE DATE THE TANK WENT INTO SERVICE. AN AS-BUILT DRAWING OF THE TANK IS TO BE PROVIDED, BEARING A SEAL AND SIGNATURE OF A P. ENG. REGISTERED WITH APENS.
2. THE EXISTING VEEDER ROOT FUEL TANK MONITORING SYSTEM IS TO REMAIN. DISCONNECT AND REMOVE CONDUITS AND WIRING BACK TO EXISTING GENERATOR DAY TANK LOCATED IN ROOM A124 AND EXISTING EXTERIOR STORAGE TANK, REFER TO DWG M1.0 FOR EXISTING TANK LOCATIONS. INSTALL NEW VEEDER ROOT SENSORS ON NEW EXTERIOR GENERATOR TANK AS WELL AS NEW VEEDER ROOT REMOTE TERMINATION UNIT AT NEW GENERATOR LOCATION. WIRE NEW SENSORS TO EXISTING PANEL IN MAINTENANCE OFFICE. PAY FOR AND COORDINATE ALL LABOUR AND MATERIALS TO BRING VEEDER ROOT SERVICE REPRESENTATIVE ON SITE TO COMMISSION NEW AND EXISTING COMPONENTS.
3. ALL ELECTRICAL WIRING AND RACEWAYS SHOWN ON THIS DRAWING ARE FOR GRAPHIC PURPOSES. EXACT ROUTING IS TO DETERMINED ON SITE. ELECTRICAL CONTRACTOR IS TO COORDINATE ALL ROUTING AND CONNECTIONS WITH MECHANICAL AND CONTROL TRADES.
4. ELECTRICAL CONTRACTOR IS TO PROVIDE ALL ELECTRICAL JUNCTION BOXES, CONDUIT, FITTINGS AND DEVICES REQUIRED FOR THIS PROJECT.
5. EXISTING LIGHTING STANDARD WILL FALL WITHIN THE EXCAVATION FOR NEW ELECTRICAL DUCT BANK. REINSTATE LIGHTING STANDARD WHEN DUCTBANK CONSTRUCTION IS COMPLETE.
6. CHAIN SPILL KIT TO HAND RAIL CFIA TO PROVIDE PAD LOCK.
7. THE INSTALLATION OF THE NEW CANOPY FOUNDATIONS MAY AFFECT SERVICES TO THE DILUTION PIT. PROVIDE TEMPORARY SERVICES TO THE DILUTION PIT DURING CONSTRUCTION OF FOUNDATION AND REINSTATE UNDER GROUND SERVICES WHEN FOUNDATIONS COMPLETE. SERVICES INCLUDE 120VAC FEED FOR CIRC.PUMP, DRAIN LINES, pH SENSOR CABLE, AND TWO CHEMICAL INJECTION LINES.
8. DISCONNECT EXISTING REDUNDANT SIEGER LTD. CONTROL PANEL. THIS SPACE WILL BECOME THE LOCATION OF THE CLOCK AND KEY STORAGE CABINET. MODIFY THE EXISTING 120V CONDUCTORS TO FEED THE NEW GENERATOR CONTROL PANEL.
9. REMOVE EXISTING CONDUIT AND CONDUCTORS BACK TO FIRST JUNCTION BOX IN ADJACENT ROOM.
10. DISCONNECT AND REMOVE CONDUCTORS BETWEEN REDUNDANT CABINET AND ADJACENT SIEMENS DDC CONTROL PANEL. REMOVE REDUNDANT DDC CONTROL AND MONITORING LOGIC ASSOCIATED WITH THE REDUNDANT SIEGER PANEL IN NOTE 8.
11. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE TO REPLACE ALL BUILDING CLADDING AND THE ENTIRE ROOFING SYSTEM. COORDINATE WITH THE GENERAL CONTRACTOR FOR ALL MECHANICAL AND ELECTRICAL DISCONNECTS AND REINSTATEMENTS. ELECTRICAL AND MECHANICAL DEVICES ON EXTERIOR WALLS AND OR ROOF WILL NEED TO BE REMOVED THEN REINSTATED. COORDINATE WORK WITH GENERAL CONTRACTOR. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS.
12. REFER TO MECHANICAL DRAWING M1.0 FOR ADDITIONAL REMOVALS.
13. REINSTATE GRASS AREAS WITH SOIL AND SOD.

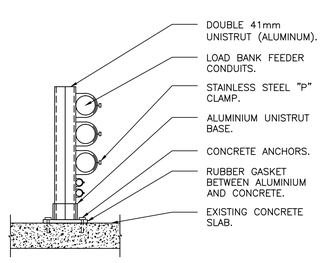
ELEVATION – MAINTENANCE OFFICE C –
SCALE : N.T.S.



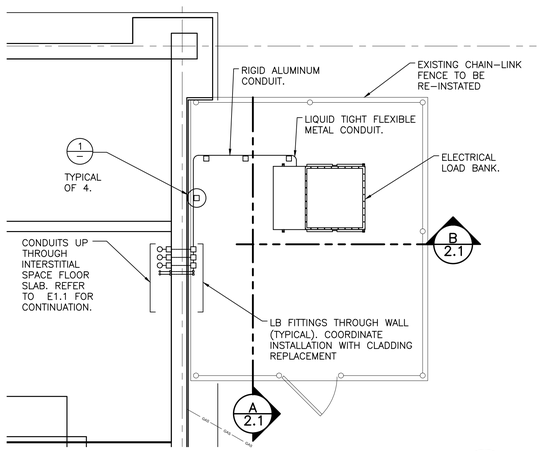
SECTION – CONDUIT TRENCH A –
SCALE : N.T.S.

NOTE:

1. ALL EXCAVATIONS ARE TO INCLUDE ALL NECESSARY ROCK REMOVALS AND DISPOSALS.

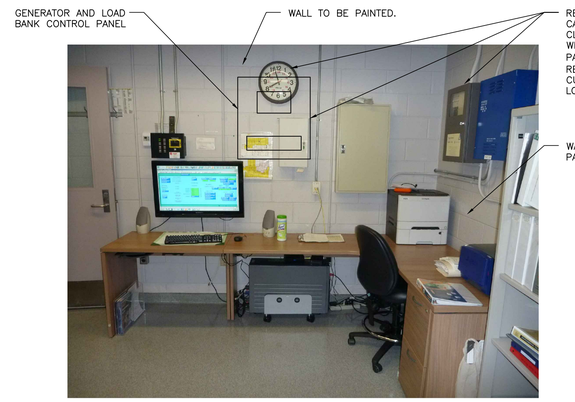


DETAIL – CONDUIT SUPPORTS 1 –
SCALE : N.T.S.



DETAIL – FAN COOLED ELECTRIC LOAD BANK 2 –
SCALE: 1:50

0m 1m 2m 3m 4m 5m



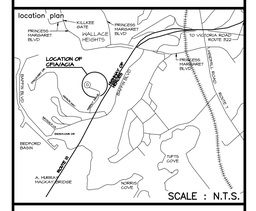
ELEVATION – MAINTENANCE OFFICE D –
SCALE : N.T.S.

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

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada
Canadian Food Inspection Agency / Agence canadienne d'inspection des aliments

CBCL LIMITED Consulting Engineers

location plan



PROFESSIONAL ENGINEERS PROVINCE OF NOVA SCOTIA
DATE 29/04/2016
R. O'CONNOR
7785

revisions		date
0	ISSUED FOR TENDER	04/29/2016

project / projet

CFIA LABORATORY WALL CLADDING, ROOFING AND GENERATOR REPLACEMENT DARTMOUTH, N.S.

drawing / dessin

ELECTRICAL SITE PLAN AND DETAILS

designed R. O'CONNOR / conçu
date OCTOBER 2015
drawn J. CAMPBELL / dessiné
date OCTOBER 2015
approved – / approuvé
date
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC
project number / no. du projet
H0014
drawing no. / no. du dessin
E1.0

PWGSC B1 (2004)

E-DRM/GDD-E: 493115