

PROPOSED SWITCHING PROCEDURE

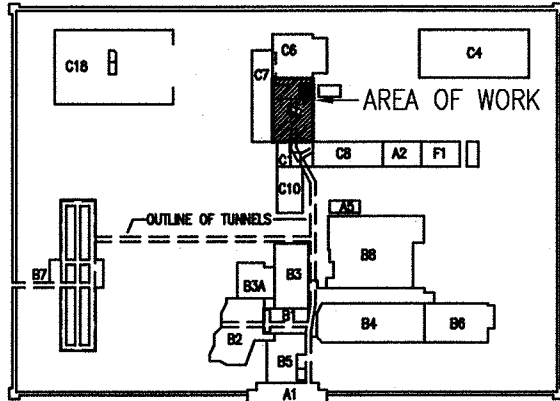
- THIS PROPOSED PROCEDURE IS TO BE USED AS A GUIDELINE ONLY. THE CONTRACTOR SHALL DRAFT AND SUBMIT A DETAILED PROCEDURE FOR REVIEW BY BOTH THE OWNER AND ENGINEER PRIOR TO ANY WORK PROCEEDING.
1. INSTALL TEMPORARY GENERATOR DISTRIBUTION PANEL AND ASSOCIATED TRANSFER SWITCH FEEDS. COIL CABLE ABOVE TRANSFER SWITCHES.
 2. ISOLATE TEMPORARY GENERATOR AND LOCK OFF. MOVE GENERATOR FEEDER FROM EXISTING PARALLELING SWITCHGEAR TO TEMPORARY GENERATOR DISTRIBUTION PANEL. TERMINATE TEMPORARY ATS EMERGENCY FEEDERS. RE-INSTATE TEMPORARY GENERATOR.
 3. BEGIN DEMOLITION OF ROOM, INCLUDING REMOVAL OF EXISTING GENERATORS, SWITCHGEAR, ETC. AS NOTED ON THE DRAWINGS.
 4. INSTALL NEW GENERATORS AND SWITCHGEAR.
 5. COMMISSION NEW GENERATORS AND SWITCHGEAR USING REMOTE LOAD BANK.
 6. ISOLATE AND LOCK OUT TEMPORARY AND NEW GENERATORS.
 7. DISCONNECT TEMPORARY ATS EMERGENCY FEEDERS AND RE-CONNECT ATS'S TO NEW SWITCHGEAR.
 8. RE-INSTATE NEW GENERATORS AND SWITCHGEAR, COMPLETE COMMISSIONING.
 9. REMOVE TEMPORARY GENERATOR, TEMPORARY GENERATOR DISTRIBUTION AND TEMPORARY FEEDS.

ELECTRICAL LEGEND

- LINE VOLTAGE WIRING AS PER SPECIFICATIONS, RUN 2#12+#12BOND-16mmC MINIMUM.
- ⌘ LIGHT SWITCH, SINGLE POLE
- 120/208V AND 347/600V PANELS RESPECTIVELY, SURFACE MOUNTED.
- ☒ PULL BOX, JUNCTION BOX, DIRECT CONNECTION, OR EQUIPMENT AS INDICATED ON THE DRAWINGS.
- ⌚ DUPLEX U-GROUND RECEPTACLE
- EMERGENCY BATTERY UNIT COMPLETE WITH TWO 6-WATT LED HEADS, MOUNTED AT 2286mm A.F.F..
- REMOTE HEADS FOR BATTERY UNIT ABOVE, COMPLETE WITH TWO 6 WATT LED HEADS, MOUNTED AT 2286mm A.F.F..

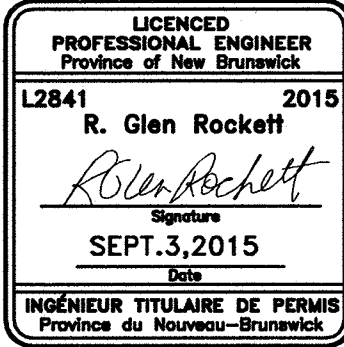
- DEFINITIONS:
- A.F.F. - ABOVE THE FINISHED FLOOR.
- RM - REMOVE EXISTING DEVICE OR EQUIPMENT. REMOVE EXISTING SERVICES BACK TO SOURCE. TURN OVER DEVICE OR EQUIPMENT TO OWNER
- RL - RELOCATE EXISTING DEVICE OR EQUIPMENT. EXTEND EXISTING SERVICES FROM SOURCE TO NEW LOCATION.
- TVSS - DEVICE COMPLETE WITH BUILT IN TVSS PROTECTION

NOTE: DEVICES SHOWN AS "DOTTED" ARE EXISTING TO REMAIN UNLESS INDICATED OTHERWISE.



KEY PLAN
N.T.S.

onsa
F.C. O'Neil Scriven & Assoc's Limited
Consulting Engineers
5450 Cornwell Street, Halifax, Nova Scotia, B3K 1A3
Tel: (902) 453-0111 Fax: (902) 453-0112 www.onsa.ca
341 Townsend Street, Sydney, Nova Scotia, B1P 5G1
Tel: (902) 566-1600 Fax: (902) 566-1601 www.onsa.ca



7	ISSUED FOR TENDER	09/03 2015
6	ISSUED FOR TENDER	08/13 2015
5	ONSA 100% PEER REVIEW	07/24 2015
4	ISSUE FOR 100% REVIEW	06/30 2015
3	ISSUE FOR REVIEW	01/16 2015
2	ISSUE FOR REVIEW	01/06 2015
1	ISSUE FOR REVIEW	12/19 2014
revisions		date

project project

GENERATOR
REPLACEMENT
DORCHESTER
PENITENTIARY

drawing dessin

ELECTRICAL
NOTES AND LEGEND

designed RGR conçu

date SEPTEMBER 3, 2015

drawn RJT dessiné

date SEPTEMBER 3, 2015

approved approuvé

date

Tender Soumission

PWOSC Project Manager Administrateur de projets TPSCG

project number no. du projet

R.061866.001

drawing no. no. du dessin

E-101