



SEQUENCE OF IMPLEMENTATION - STAGE 7

- NOTE: BEFORE STARTING STAGE 7 WORK, CONTRACTOR MUST REVIEW THE CONDITION OF GENSET G2 AT 875 HERON RD SITE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DISCONNECT, TRANSPORT, RELOCATE THE GENSET TO THE CURRENT WORK SITE.
- ARRANGE WITH THE DEPARTMENTAL REPRESENTATIVE FOR ACCESS AT 875 HERON RD SITE. IT IS PART OF THIS CONTRACT TO PUT IN PLACE THE GENERATOR AND ENCLOSURE AND ALL ASSOCIATED EQUIPMENT.
 - TEST AND COMMISSION DIESEL GENERATOR G2 PRIOR TO CONNECTING TO ELECTRICAL DISTRIBUTION SYSTEM.
 - SET A.T.S. IN GENERATOR SWITCHBOARD TO SUPPORT ALL LOADS FROM GENERATOR G1 ONLY.
 - DISCONNECT TEMPORARY GENERATOR UNIT AND REMOVE CONNECTION FROM EXTERIOR SPLITTER TO GENERATOR SWITCHBOARD.
 - PROVIDE WIRE AND CONDUIT FROM GENERATOR G2 TO NEW GENERATOR SWITCHBOARD AS INDICATED.
 - DISCONNECT PANEL P-1 FROM FEEDER COMING FROM EXISTING PANEL BP-2. CONNECT PANEL P-1 TO FEEDER COMING FROM EXISTING PANEL P-1.
 - CONNECT RELOCATED PANEL P-2 TO FEEDER COMING FROM EXISTING PANEL BP-2.
 - SET A.T.S. IN GENERATOR SWITCHBOARD BACK TO 'AUTO', TO SUPPORT LOAD FROM G1 AND G2.

- NOTES:**
- REFER TO DRAWING E10 FOR DISCONNECTION AND RELOCATION OF EXISTING GENSET AND ENCLOSURE AT 875 HERON RD.
 - CONNECT FEEDER FROM EXISTING PANEL BP-2 FROM 875 HERON RD; 60A DISCONNECT, 45kVA TRANSFORMER AND GEN PANEL P-2. FEED FROM PANEL BP-2 INSIDE THE BUILDING AS INDICATED. CONNECT PANEL P-1 FROM EXISTING PANEL P-1.
 - MOUNT AND SECURE GENERATOR G2 ON CONCRETE PAD. PROVIDE ALL NECESSARY WIRING TO CONNECT THE FOLLOWING EXISTING SYSTEMS:
 - EMERGENCY GENERATOR POWER
 - GENERATOR CONTROL
 - GENERATOR BATTERY CHARGER
 - BLOCK HEATER
 - FIRE ALARM SYSTEM
 - LIGHTING AND RECEPTACLES
 - UPON COMPLETION OF G2 INSTALLATION, DISCONNECT AND REMOVE TEMPORARY MOBILE GENERATOR



révisions	description	date
00	ISSUED FOR TENDER	FEB 28, 2013

A	4 added to no. 4 detail	A
C	5 modified drawing no. 5 or detail no. 5	B/C

project: **GOVERNEMENT OF CANADA**
TURBINE REPLACEMENT

drawing: **ELECTRICAL - SINGLE LINE DIAGRAM STAGE 7**

designed	A.M./M.E.M.	conçu
date		
drawn	M.E.M./I.M.	dessiné
date		
revised	M.E.M.	révisé
date		
approved	A.M.	approuvé
date		

Tender: **C. CAMPBELL** Soumission
 PWC Project Manager / Administrateur de projet
 project no.: **R.055763.002**
 drawing no.: **E14** of 15