

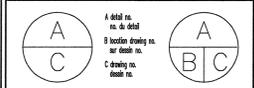
- SEQUENCE OF IMPLEMENTATION - STAGE 6**
1. PROVIDE AND PULL FEEDERS FROM ESB-1 ASSOCIATED WITH T.S. #1, T.S. #3, AND T.S. #5, TO TD-1, T.S. #3, AND 1600A SPLITTER AS INDICATED.
 2. ARRANGE WITH DEPARTMENTAL REPRESENTATIVE 6 WEEKS IN ADVANCE FOR A MAXIMUM OF 8HR SHUTDOWN OF THE CRITICAL LOAD FOR T.S. #3.
 3. DISCONNECT EXISTING FEEDERS OF T.S. #3 FROM EXISTING PANEL TD-1.
 4. CONNECT FEEDERS FROM ESB-1 TO T.S. #3. POWER UP T.S. #3, TEST AND COMMISSION WITH NEW SYSTEM.
 5. ARRANGE WITH DEPARTMENTAL REPRESENTATIVE 6 WEEKS IN ADVANCE FOR A MAXIMUM OF 8HR SHUTDOWN OF PANEL TD-1.
 6. DISCONNECT FEEDERS OF TD-1 FROM EXISTING TURBINE #1. MODIFY EXISTING PANEL TD-1 TO ACT AS A SPLITTER TO CONNECT FEEDER FROM ESB-1 TO FEEDER OF EXISTING T.S. #1. PANEL TD-1 TO BE REUSED AND MODIFIED TO BE AN ENCLOSED SPLITTER ASSEMBLY.
 7. PROVIDE 60A-3P 35kVAC BREAKER IN EXISTING PANEL PP1, COMPLETE WITH CONDUIT AND WIRES TO LOCATION OF NEW PANEL P-1, TO BE CONNECTED TO PANEL P-1 IN STAGE 7.
 8. CONNECT FEEDERS FROM ESB-1 TO TD-1. POWER UP T.S. #1, TEST AND COMMISSION WITH NEW SYSTEM.
 9. ARRANGE WITH DEPARTMENTAL REPRESENTATIVE 6 WEEKS IN ADVANCE FOR A MAXIMUM OF 8HR SHUTDOWN OF THE CRITICAL LOAD ASSOCIATED WITH T.S. #5.
 10. DISCONNECT 1600A SPLITTER FROM EXISTING TURBINE #2. EXISTING T.S. #5 FEEDERS TO BE REUSED.
 11. PROVIDE A CSA APPROVED EXTENSION ENCLOSURE TO EXISTING 1600 SPLITTER. MODIFY 1600A SPLITTER TO ACCOMMODATE NEW FEEDERS AND CONNECT FEEDERS FROM ESB-1, POWER-UP T.S.#5, TEST AND COMMISSION WITH NEW SYSTEM.

- NOTES**
1. MODIFY EXISTING PANEL TD-1 TO ACCOMMODATE NEW FEEDERS. PANEL TD-1 TO BE REUSED AND MODIFIED TO BE AN ENCLOSED SPLITTER ASSEMBLY AS INDICATED IN THE SEQUENCE OF IMPLEMENTATION.
 2. PROVIDE CSA APPROVED EXTENSION BOX TO 1600A SPLITTER. MODIFY EXISTING 1600A SPLITTER FOR TS #5 TO ACCOMMODATE NEW FEEDERS. REFER TO DRAWING 2/E9 FOR DETAIL.
 3. PROVIDE NEW BREAKER 60A-3P, 35kVAC COMPLETE WITH CONDUIT AND WIRES IN PANEL PP1 TO ACCOMMODATE NEW PANEL P-1. PANEL P-1 TO BE CONNECTED TO PP1 ONCE PANEL P-2, RELOCATED FROM 875 HERON RD, IS INSTALLED AND CONNECTED IN STAGE 7.

1 POWER DISTRIBUTIONS MODIFICATIONS SINGLE LINE DIAGRAM - STAGE 6
E13
 SCALE 1:100



révisions	description	date
00	ISSUED FOR TENDER	FEB 28, 2013



project: **GOVERNEMENT OF CANADA**
TURBINE REPLACEMENT

designed: **A.M./M.E.M.**
 date: _____
 drawn: **M.E.M./I.M.**
 date: _____
 revised: **M.E.M.**
 date: _____
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 date: _____

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 project no.: **R.055763.002**
 drawing no.: **E13 of 15**