

FILENAME: C:\Users\Calvinc\appdata\local\temp\AcPublish_6760\2015-266-SLD.dwg
PLOTDATE: Apr 27, 2016 - 9:53am

- DRAWING NOTES
- 1

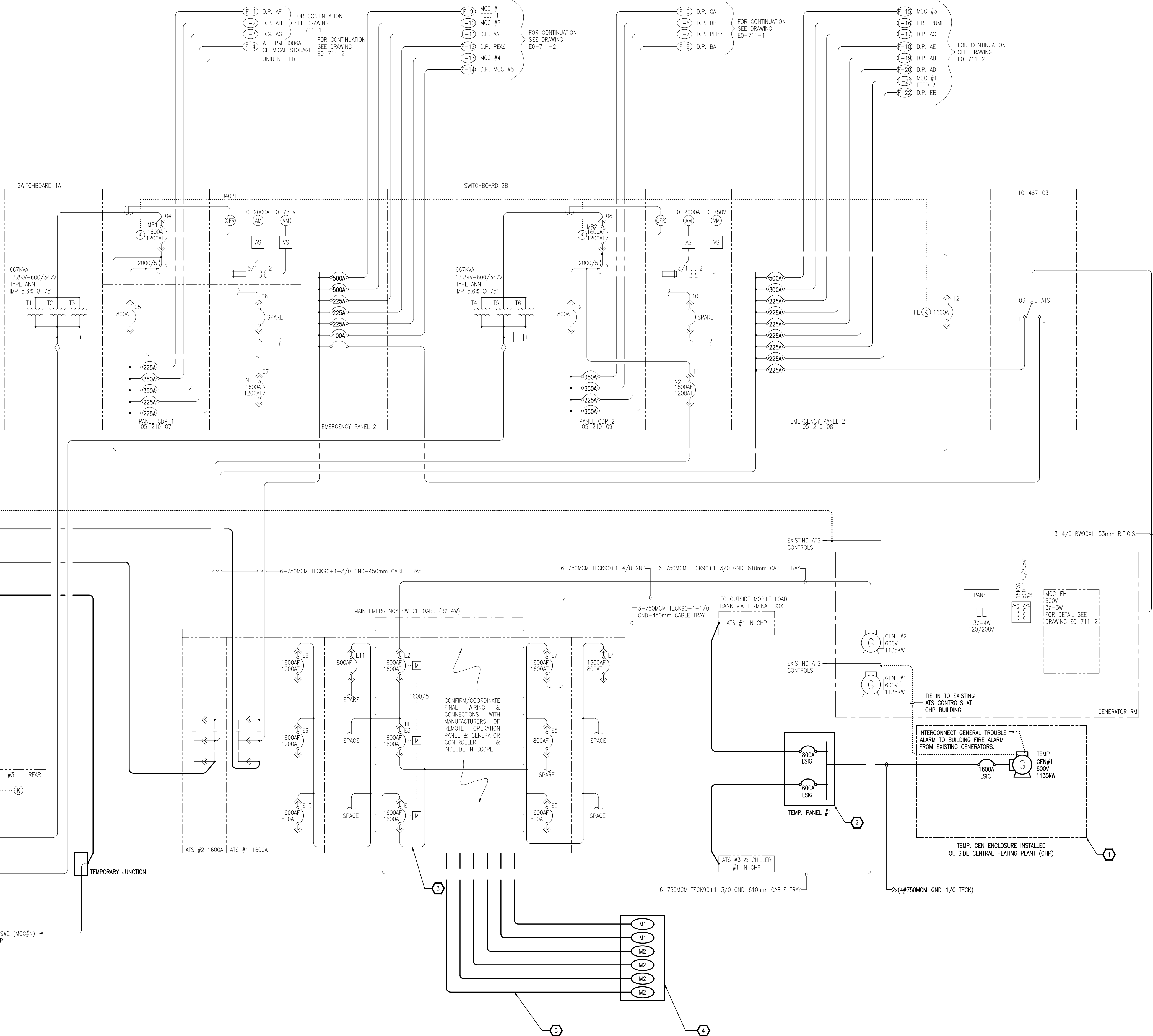
TEMPORARY GENERATOR. TEMPORARILY CONNECT START/STOP CONTROL SIGNALS INTO EXISTING TRANSFER SWITCH CONTROLS. IN BUILDING 201 TEMPORARILY TIE GENERAL TROUBLE ALARM INTO EXISTING BUILDING FIRE ALARM PANEL. IN CENTRAL HEATING PLANT TEMPORARILY TIE GENERAL TROUBLE ALARM INTO EXISTING CHP MONITORING SYSTEM. PROVIDE ESA CERTIFICATE PRIOR TO ACTIVATING GENERATOR.
- 2

PROVIDE TEMPORARY DISTRIBUTION PANEL IN MAIN ELECTRICAL ROOM OF BUILDING 201 AND CHILLER CONTROL ROOM OF CHP DURING SHUTDOWN/ISOLATION OF EXISTING EMERGENCY GENERATORS. REFER TO DRAWINGS E1-03 AND E1-04 FOR ADDITIONAL INFORMATION. DISCONNECT AND REMOVE PANEL UPON COMPLETE OF PROJECT.
- 3

PROVIDE NEW REMOTE MAIN-TIE-MAIN CONTROLLER AND NEW GENERATOR CONTROLS AND MONITORING. SUPPLY AND INSTALL NEW SWITCHGEAR DOOR. EXTEND BREAKER MONITORING AND CONTROLS AND NEW GENERATOR MONITORING AND CONTROLS CONNECTIONS TO REMOTE MAIN-TIE-MAIN LOCATION. REFER TO DRAWING E1-03 FOR ADDITIONAL INFORMATION. PROVIDE NEW CT'S ON FEEDER BREAKERS. PROVIDE NEW PITS AND OPT FOR POWER IN EXISTING SWITCHGEAR.
- 4

PROVIDE NEW MAIN-TIE-MAIN BREAKER REMOTE OPERATION CONTROLLER REMOTE FROM SWITCHGEAR RETAIN THE SERVICES OF VCI CONTROLS (DANIEL LAFORGE. 613-226-6712) AND PROVIDE NETWORK CONNECTION FOR REMOTE MONITORING OF BREAKER CONTROLS AND GENERATOR CONTROLS TO NEW OPERATOR SERVER ON GROUND FLOOR OF BUILDING 201 C/W ALL CONDUIT, WIRING, PROGRAMMING, CONNECTIONS, ETC. PROVIDE ADDITIONAL CONTROL WIRING FOR GENERATOR CONTROLS TO GENERATORS VIA EXISTING SWITCHGEAR. ALLOW FOR THIRTY (30) RUNS RW #14 AND IN CONDUIT (COORDINATE EXACT REQUIREMENTS WITH GENERATOR CONTROLS VENDOR DURING TENDER).
- 5

PROVIDE ALL REQUIRED POWER AND CONTROL CABLES BETWEEN REMOTE OPERATIONS PANEL AND SWITCHGEAR IN ACCORDANCE WITH SPECIFICATIONS AND AIR CIRCUIT BREAKER MANUFACTURER'S REQUIREMENTS.



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LEGEND

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Stamp

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2016/02/26

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Date

Revision

project

CFIA
Olf Electrical Upgrades

projet

drawing

SINGLE LINE DIAGRAM
NEW WORK - PHASE 1

dessin

Drawn By: C.S.

Date MAY 2015

Reviewed By: J.M.

Date MAY 2015

Project no. M10139

Drawing no. E1-03

No. du projet

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