



MCW / AGE
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- 10605
- NOTES:
- PROVIDE NEW PAD MOUNT CSTE CONNECTED TO EXISTING MANITOBA HYDRO PAD MOUNT TRANSFORMER.
 - DISCONNECT EXISTING (2x) 4-#500 MCM & #3/0 GRND IN 103mm CONDUIT FROM EXISTING MANITOBA HYDRO PAD MOUNT TRANSFORMER & REROUTE TO NEW CSTE. UTILIZE SOFT DIG TECHNOLOGY & COORDINATE WITH MANITOBA HYDRO AS REQUIRED.
 - DISCONNECT & REMOVE UTILITY METERING & ASSOCIATED CT'S & PT'S & TURN OVER TO MANITOBA HYDRO. PROVIDE NEW BRIDGE BUSSING AS REQUIRED & AS SUPPLIED BY MANUFACTURER & RE-CERTIFIED BY SAME.
 - DISCONNECT & REMOVE PANEL & MINIMIZER SECTION C/W FEEDER TO SOURCE. MAINTAIN BREAKER AS SPARE.
 - PROVIDE NEW GENERATOR C/W WEATHERPROOF ENCLOSURE. SOUND LEVEL SHALL NOT EXCEED 68dB @ 7 METERS.

GENERAL NOTE:
1. LIGHTER FONT DENOTES EXISTING WORK.



DO NOT SCALE DRAWINGS

Revision/Revisions	Description/Description	Date/Date
0	ISSUED FOR CONSTRUCTION	2016/11/02

PUBLIC WORKS AND GOVERNMENT SERVICES AGENCY

Project Title/Titre du projet
EMERSON, MANITOBA HIGHWAY 75, UNITED STATES BORDER
EXPANSION AND REDEVELOPMENT OF THE EMERSON PORT OF ENTRY

Approved by/Approve par
KEI

Designed by/Concept par
GD

Drawn by/Dessine par
GA

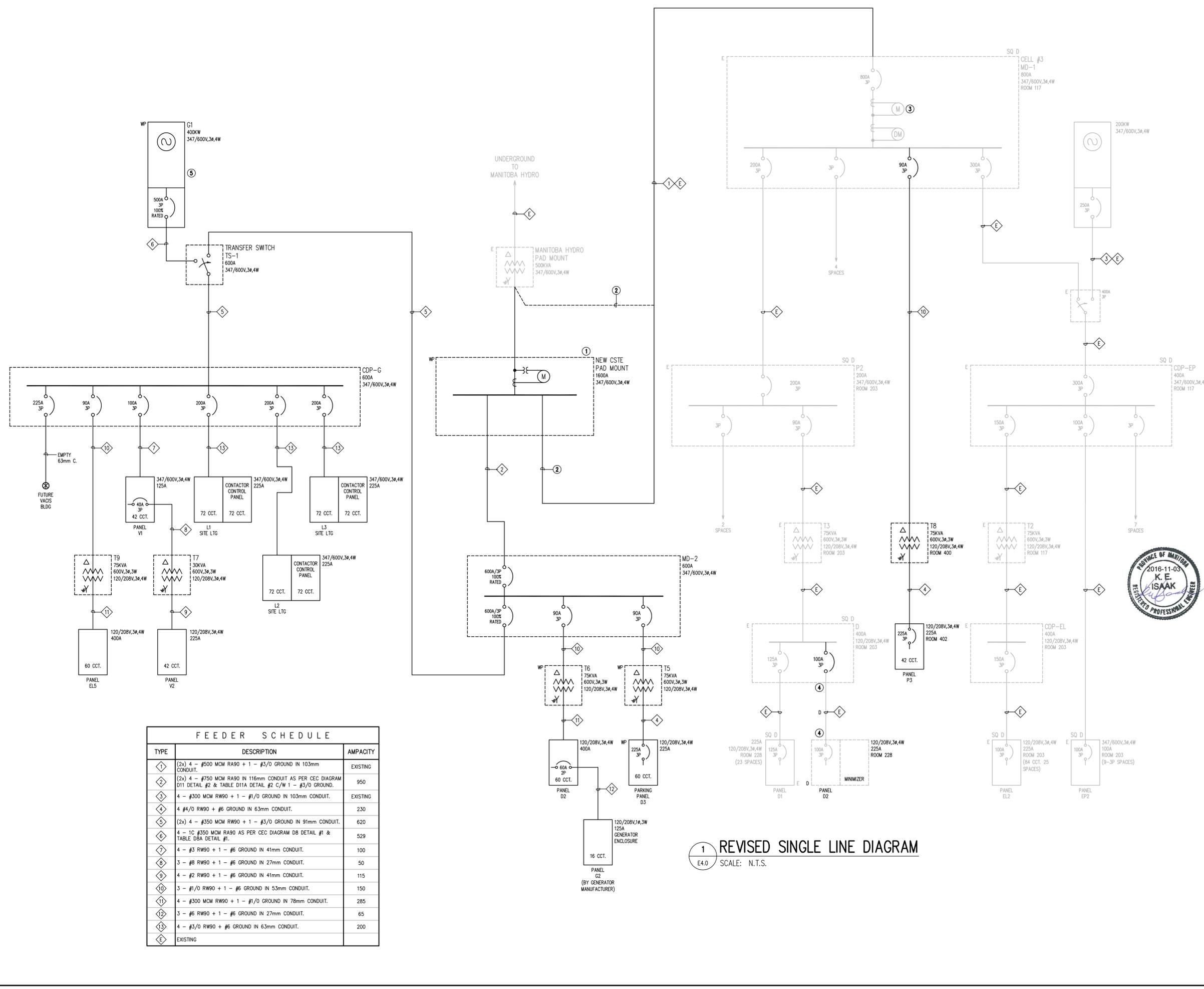
PWGSC Project Manager/Administrateur de Projets TPSCC
JAMES HUTCHINGS

PWGSC Architectural and Engineering Resources Manager/ Ressources Architectural et de Directeur d'ingénierie, TPSCC

Client/client

Drawing Title/Titre du dessin
SINGLE LINE DIAGRAM

Project No./No. du projet R.068431.001	Sheet/Feuille E4.0 OF 26	Revision no./La Révision no. 0
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TYPE	DESCRIPTION	AMPACITY
1	(2x) 4 - #500 MCM RA90 + 1 - #3/0 GROUND IN 103mm CONDUIT.	EXISTING
2	(2x) 4 - #750 MCM RA90 IN 116mm CONDUIT AS PER CEC DIAGRAM D11 DETAIL #2 & TABLE D11A DETAIL #2 C/W 1 - #3/0 GROUND.	950
3	4 - #300 MCM RW90 + 1 - #1/0 GROUND IN 103mm CONDUIT.	EXISTING
4	4 #4/0 RW90 + #6 GROUND IN 63mm CONDUIT.	230
5	(2x) 4 - #350 MCM RW90 + 1 - #3/0 GROUND IN 91mm CONDUIT.	620
6	4 - 1C #350 MCM RA90 AS PER CEC DIAGRAM DB DETAIL #1 & TABLE DBA DETAIL #1.	529
7	4 - #3 RW90 + 1 - #6 GROUND IN 41mm CONDUIT.	100
8	3 - #8 RW90 + 1 - #6 GROUND IN 27mm CONDUIT.	50
9	4 - #2 RW90 + 1 - #6 GROUND IN 41mm CONDUIT.	115
10	3 - #1/0 RW90 + 1 - #6 GROUND IN 53mm CONDUIT.	150
11	4 - #300 MCM RW90 + 1 - #1/0 GROUND IN 78mm CONDUIT.	285
12	3 - #5 RW90 + 1 - #6 GROUND IN 27mm CONDUIT.	65
13	4 - #3/0 RW90 + #6 GROUND IN 63mm CONDUIT.	200
E	EXISTING	

1 REVISED SINGLE LINE DIAGRAM
E4.0 SCALE: N.T.S.