



- NOTES:**
- THIS DRAWING SUPERCEDES KGS DRAWING (DOES NOT HAVE A NUMBER).
 - THIS DRAWING CONTAINS UNVERIFIED INFORMATION FROM EXISTING DOCUMENTATION.
 - THE ENGINEER'S RESPONSIBILITY IS LIMITED TO THE ARC FLASH STUDY AND DESIGNED MODIFICATIONS.

LEGEND:

PPE: 4	HAZARD/RISK CATEGORY
29 CAL/CM ²	INCIDENT ENERGY

CONSTRUCTION NOTES

(A)	REMOVE EXISTING 150A WESTINGHOUSE BREAKER IN THE CSTE AND REPLACE WITH 600AF BREAKER. MODIFY CSTE AS REQUIRED.
(B)	REMOVE EXISTING 1/0 AWG TECK CABLE. DIRECT BURY NEW CABLE.
(C)	MODIFY CB-CSTE SETTINGS.

ARC FLASH VALUES CALCULATED ARE PRELIMINARY AND WILL BE FINALIZED DURING CONSTRUCTION.



SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080				ENGINEER'S SEAL ORIGINAL DRAWING SEALED BY: C. REIMER SNC-LAVALIN INC. 2010/10/02 REV. 00		THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT MARION FLOOD PUMPING STATION ARC FLASH STUDY SINGLE LINE DIAGRAM	
DESIGNED BY: B. CLEVEN CHECKED BY: C. REIMER DRAWN BY: D. RAMJEET APPROVED BY: C. REIMER SCALE: NTS RELEASED FOR CONSTRUCTION BY: K. ZUREK DATE: 2010/07/03 DATE: 2010/10/04		CONSULTANT NO.: 113368-0000-47DD-0101 BID OPP: 760-2010		CITY DRAWING NUMBER: 1-0159F-E0001 SHEET: 001 REV: 00 SIZE: A1			
00 ISSUED FOR TENDER NO. REVISIONS		2010/09/29 DATE		BC DESIGN		CJR CHECK	