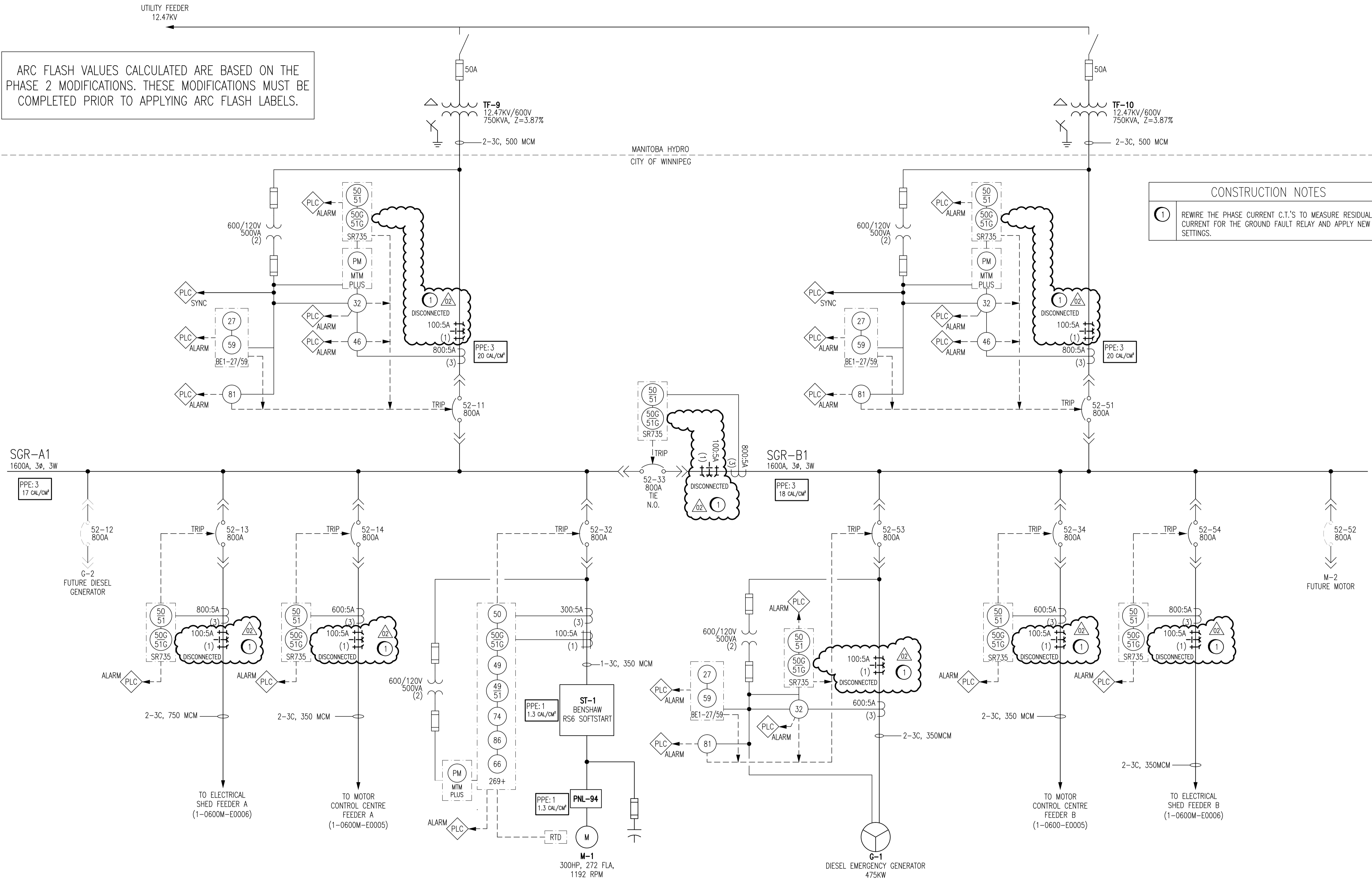


ARC FLASH VALUES CALCULATED ARE BASED ON THE PHASE 2 MODIFICATIONS. THESE MODIFICATIONS MUST BE COMPLETED PRIOR TO APPLYING ARC FLASH LABELS.

CONSTRUCTION NOTES
 ① REWIRE THE PHASE CURRENT C.T.'S TO MEASURE RESIDUAL CURRENT FOR THE GROUND FAULT RELAY AND APPLY NEW SETTINGS.



1-0600M-E0003	ELECTRICAL SINGLE LINE DIAGRAM LEGEND & DETAILS
1-0600M-E0005	ELECTRICAL SINGLE LINE DIAGRAM 600V MCC & 120/208V DISTRIBUTION ELECTRICAL ROOM
1-0600M-E0006	ELECTRICAL SINGLE LINE DIAGRAM 600V & 120/208/240V DISTRIBUTION ELECTRICAL SHED & STAFFHOUSE
1-0600M-E0007	ELECTRICAL SINGLE LINE DIAGRAM 600V & 120/208/240V DISTRIBUTION ENGINE SHED
DRAWING NUMBER	REFERENCE DRAWINGS

- NOTES:**
- THIS DRAWING CONTAINS UNVERIFIED INFORMATION FROM EXISTING DOCUMENTATION.
 - THE ENGINEERS DESIGN RESPONSIBILITY IS LIMITED TO THE ARC FLASH STUDY AND RECOMMENDED MITIGATION.



NO.	REVISIONS	DATE	DESIGN	CHECK
02	DISCONNECTED CORE BALANCE CT'S	2011/04/01	TMC	CJR
01	UPDATED DRAWING	2010/07/30	TMC	CJR
00	ISSUED FOR CITY USE	2010/05/18	BK	CJR

DESIGNED BY:	B. KING
DRAWN BY:	D. RAMJEET
SCALE:	NTS
DATE:	2009/10/07
CONSULTANT NO.:	
CHECKED BY:	C. REIMER
APPROVED BY:	C. REIMER
RELEASED FOR CONSTRUCTION BY:	R. ADEDAPO
DATE:	2011/04/11

ENGINEER'S SEAL
 ORIGINAL DRAWING SEALED BY:
 T. M. CHURCH
 SNC-Lavalin MEMBER #32682
 2011/04/11
 REV. 02
 CHANGES ONLY

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

SHOAL LAKE INTAKE FACILITY
 ARC FLASH STUDY
 ELECTRICAL SINGLE LINE DIAGRAM
 600V SWITCHGEAR
 ELECTRICAL ROOM

CITY DRAWING NUMBER: 1-0600M-E0004
 SHEET: 001
 REV: 02
 SIZE: A1