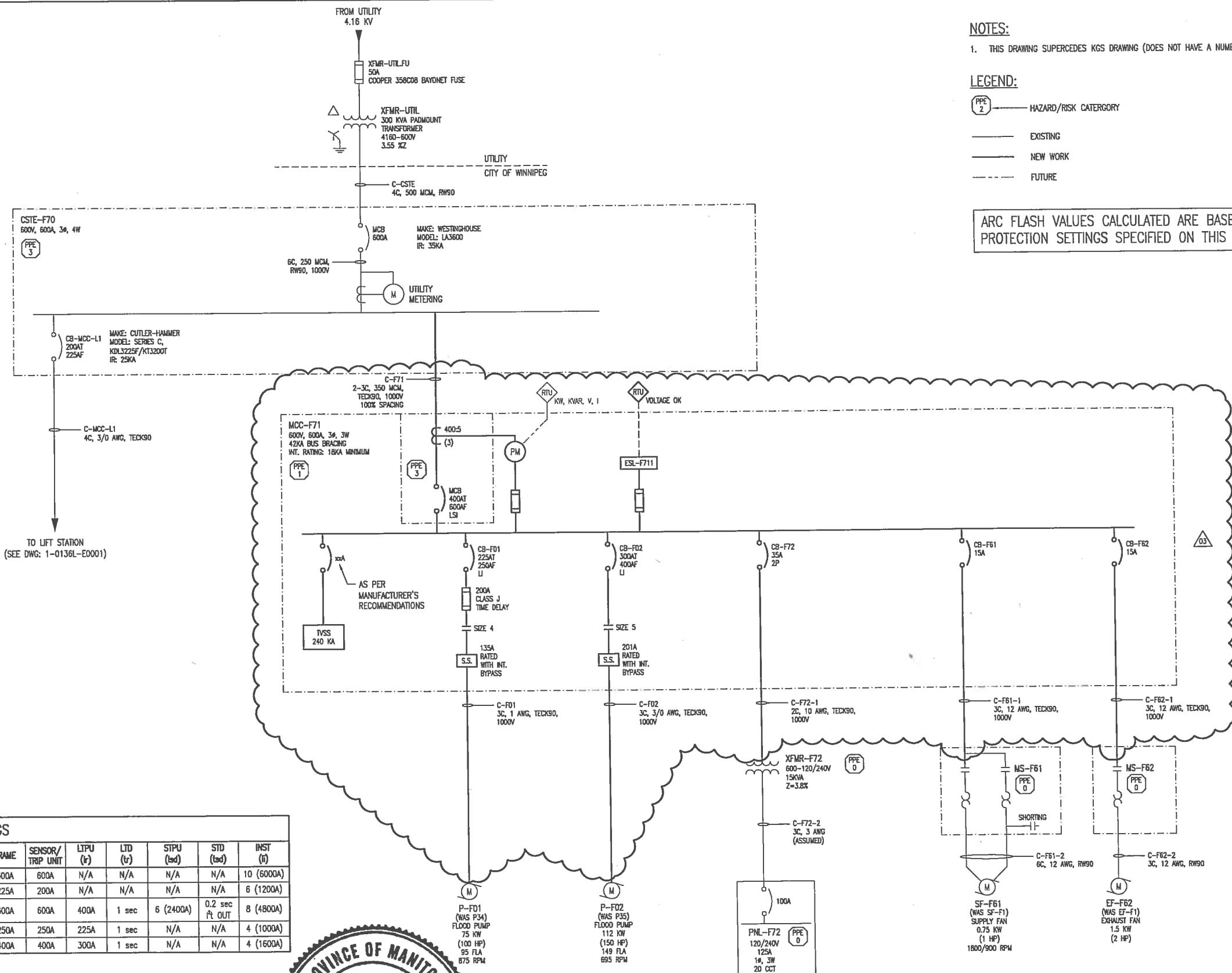


AI SIZE - 50mm x 84mm

LAST SAVE: 2013/02/26 - 10:19am  
 PATH: M:\61511\VENCA\VELEVO - General DWG\1-0136F-E0001-01.dwg

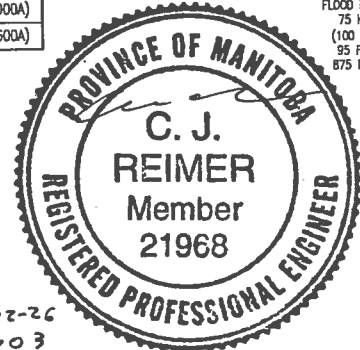


**NOTES:**  
 1. THIS DRAWING SUPERCEDES KGS DRAWING (DOES NOT HAVE A NUMBER).

**LEGEND:**  
 (PPE 2) — HAZARD/RISK CATEGORY  
 — EXISTING  
 — NEW WORK  
 - - - FUTURE

ARC FLASH VALUES CALCULATED ARE BASED ON THE PROTECTION SETTINGS SPECIFIED ON THIS DRAWING.

BREAKER PROTECTION SETTINGS								
CIRCUIT BREAKER	MODEL	FRAME	SENSOR/TRIP UNIT	LTPU (tr)	LTD (tr)	STPU (std)	STD (std)	INST (ti)
CSTE-F70.MCB	LA3600	600A	600A	N/A	N/A	N/A	N/A	10 (6000A)
CB-MCC-L1	KDL3225F/KT3200T	225A	200A	N/A	N/A	N/A	N/A	6 (1200A)
MCC-F71.MCB	LGL36600U43X	600A	600A	400A	1 sec	6 (2400A)	0.2 sec I <sub>t</sub> OUT	8 (4800A)
CB-FD1	JGL36250U31X	250A	250A	225A	1 sec	N/A	N/A	4 (1000A)
CB-FD2	LGL36400U31X	400A	400A	300A	1 sec	N/A	N/A	4 (1600A)



2013-02-26  
 Rev 03



NO.	REVISIONS	DATE	DESIGN	CHECK
03	ISSUED FOR TENDER, BID OPP. 177-2013	2013/02/25	BUC	VE
02	ADDED MINIMUM INTERRUPTING RATING	2012/09/17	VE	CJR
01	ADDED FLOOD STATION FANS	2012/02/21	VE	CJR
00	ISSUED FOR CITY USE	2011/11/23	VE	CJR

**SNC-LAVALIN INC.**  
 148 Hudson Park Way  
 Winnipeg, MB, Canada R2P 0K7  
 204-758-8000

DESIGNED BY: V. ELJEBAN  
 CHECKED BY: C. REIMER  
 DRAWN BY: D. RAMJEET  
 APPROVED BY: C. REIMER

SCALE: NTS  
 DATE: 2011/08/03  
 CONSULTANT NO.: 611511-0000-4700-0001

ENGINEER'S SEAL

**THE CITY OF WINNIPEG**  
 WATER AND WASTE DEPARTMENT

DESPIENS FLOOD PUMPING STATION  
 SINGLE LINE DIAGRAM

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0136F-E0001	001	03	A1