

POW-R-LINE C PRL3000 Switchboard/Sous-Station

CUSTOMER DATA

DISTRIBUTOR

: WESCO CALGARY

CUSTOMER:

: MURPHY OIL

ORDER No.

: 2550-041228

PROJECT TITLE : CADOTTE CSS PILOT

SWBD, TAG

: MCC-100

### NOTES

- BUILT TO: CSA STANDARD C22.2 No. 31.

- C.S.A. FILE LL47168

- ALL DOORS, HINGED AT LEFT HAND SIDE.

- LIFTING LUGS ARE SUPPLIED AS STANDARD.

- METERING LOCATED IN MCC, METERING CTS IN SWITCHBOARD
- STARTCO SE-330 NGR RELAY MONITOR LOCATED IN MCC
- NGR IN SEPARATE CABINET
- STARTCO EFCT-26, ER-600VC LOCATED IN MCC
- D65 VOLTAGE MONITOR, LIGHTNING ARRESTOR, SURGE CAP

IMPORTANT: IT IS THE PURCHASERS RESPONSIBILITY TO OBTAIN ANY NECESSARY LOCAL UTILITY AND/OR PROVINCIAL INSPECTION AUTHORITY APPROVAL. WHEN RETURNING APPROVED DRAWINGS THE PURCHASER SHOULD CONFIRM THAT SUCH APPROVAL HAS BEEN OBTAINED OR IS NOT REQUIRED.

### **SPECIFICATIONS**

MAIN BUS RATING :

SYSTEM:

1200 AMP.

480 VOLTS

60 HZ.

3 PHASE 3 WIRE RESISTIVE GROUND 5 AMP

SWBD SHORT CCT. RATING: 65 KA SYM.

BUS BAR :

TIN PLATED COPPER

BUS BRACING:

65 KA SYM.

ACCESS REQUIRED FOR SWITCHBOARD INSTALLATION TO BE FROM:

FRONT ONLY

ENCLOSURE TYPE:

CSA TYPE 1 - GASKETTED

PAINT FINISH - INTERIOR: ASA 61 LIGHT GREY

EXTERIOR: ASA 61 LIGHT GREY

SUITABLE FOR SERVICE USE: YES BASE CHANNELS

: YES

MAIN DEVICE: Cutler-Hammer Type "CND" 100% Rated

FRAME: 1200A CND

FUSE PROVISION : N/A

TRIP UNIT : DIGITRIP RMS-310 LSI

RATING PLUG: 1000

GROUND FAULT PROTECTION: LOCATED IN MCC, REFER TO MCC DRAWINGS

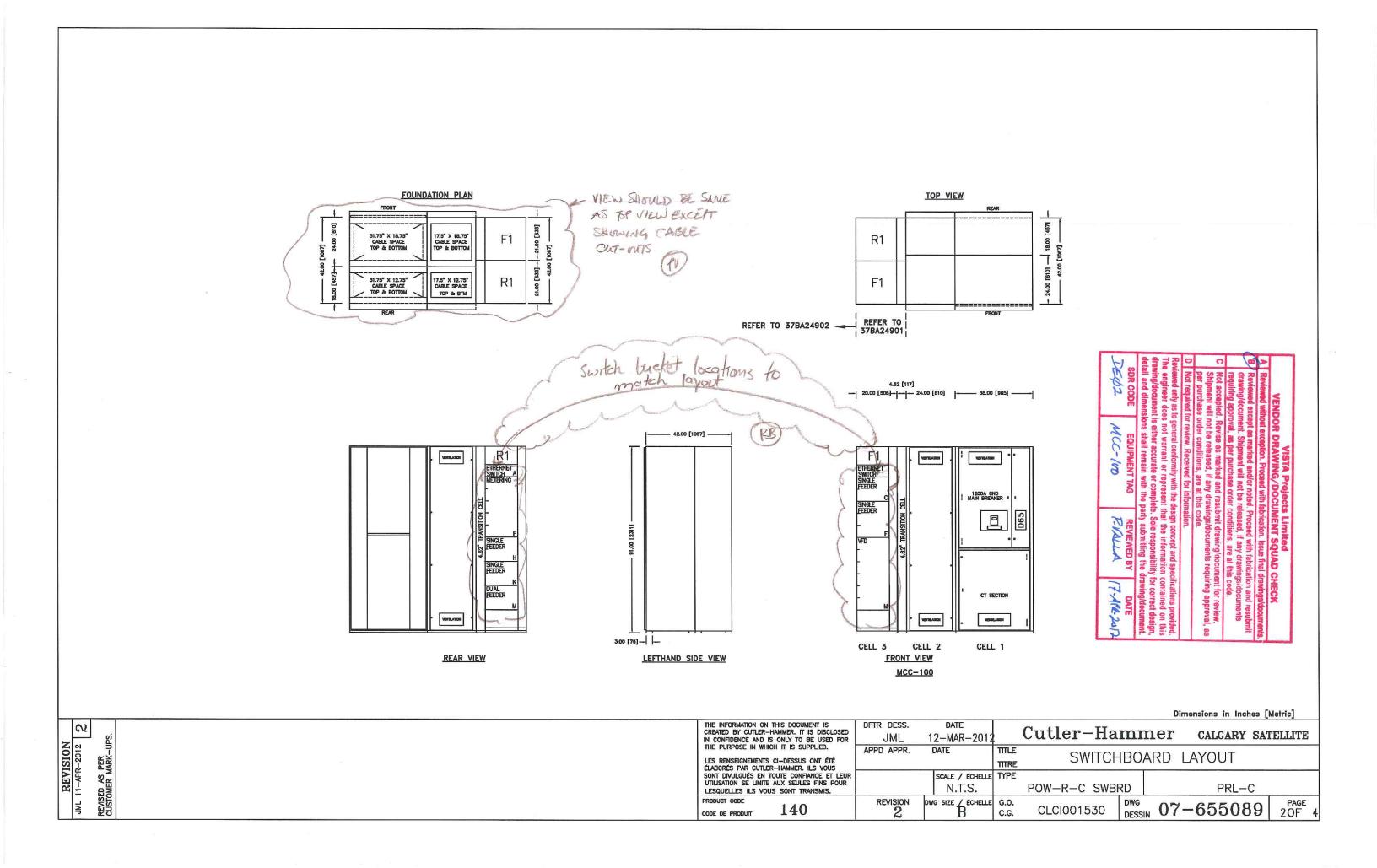
GROUND FAULT SENSING: LOCATED IN MCC, REFER TO MCC DRAWINGS

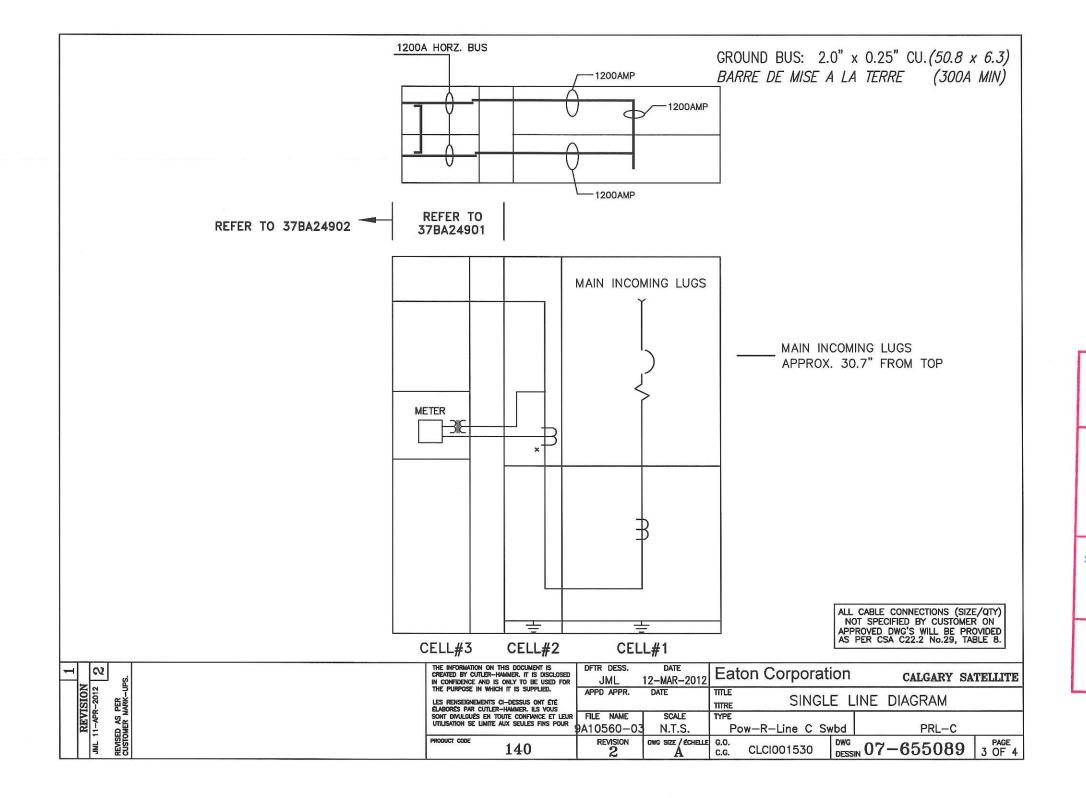
MAIN INCOMING

ENTRY BY : TOP, RIGHT

ENTRY WITH: (5) X 4/0 - 500 KCMIL / PHASE

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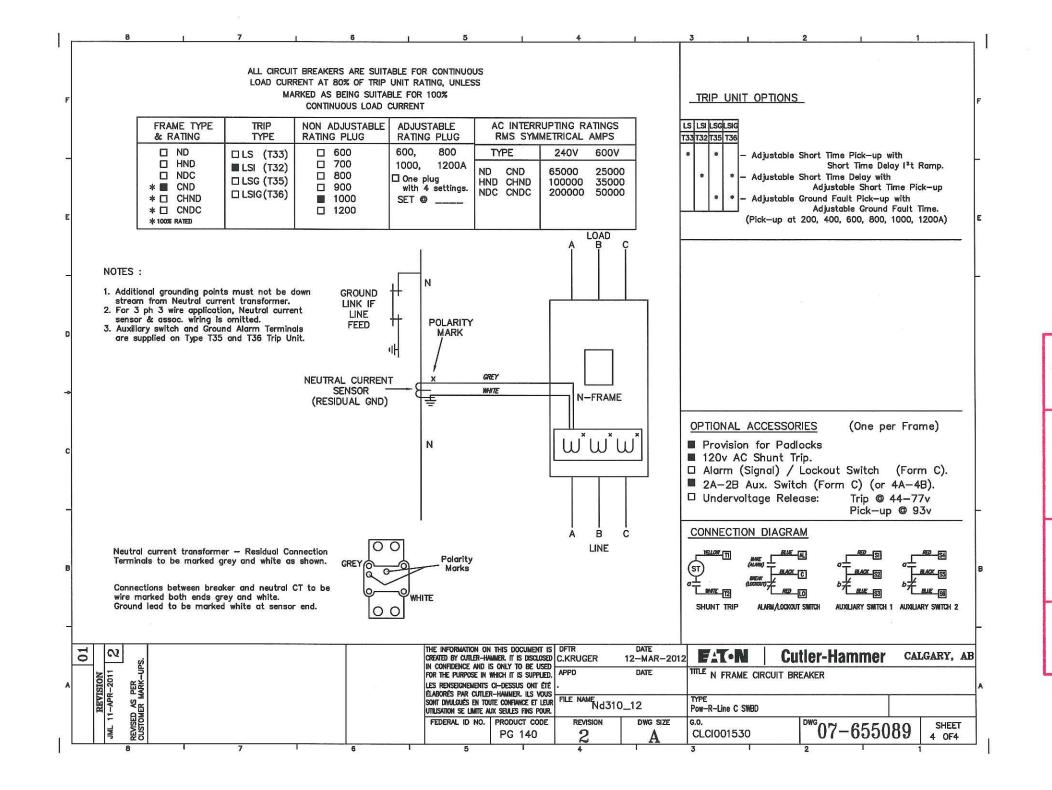
VENDOR DRAWING/DOCUMENT SQUAD CHECK

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PARE 24

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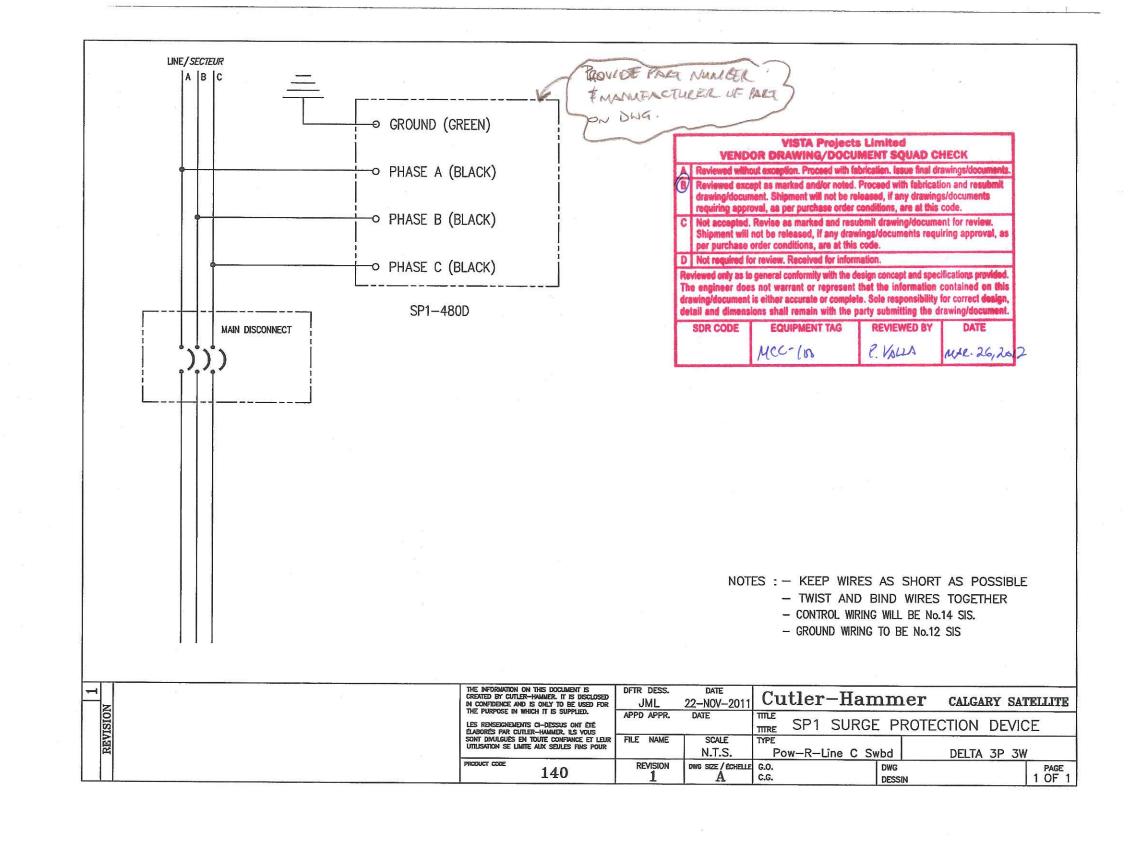
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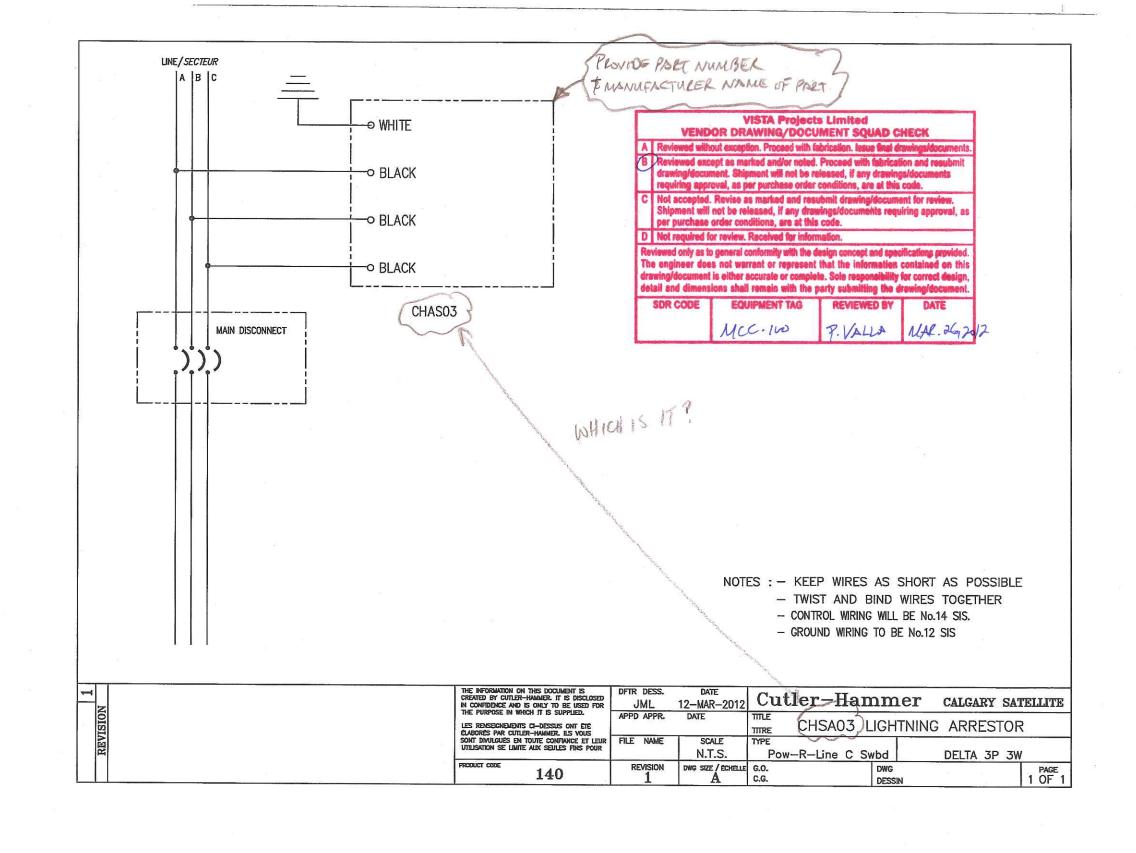
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		ITEM TAG QUANTITY	Description	Part Number
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Poll All Dial		3 CPT 1	Control Power Transformer 100 VA 480-120V	5699A85H19
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THI AMPS				ATQR1
		6 FH2 1	Primary Fuse Holders	USCC2
D65 Relay	s .	7 F4,F5 2	Primary Fuse	ATQR1/2
Phase Failu	1	8 FH3 1	Secondary Fuse Holder	101400000
Phase Seque	re 21 i	9 F6 1	Secondary Fuse	GDL1-4/10
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		13 1	Ground Block	
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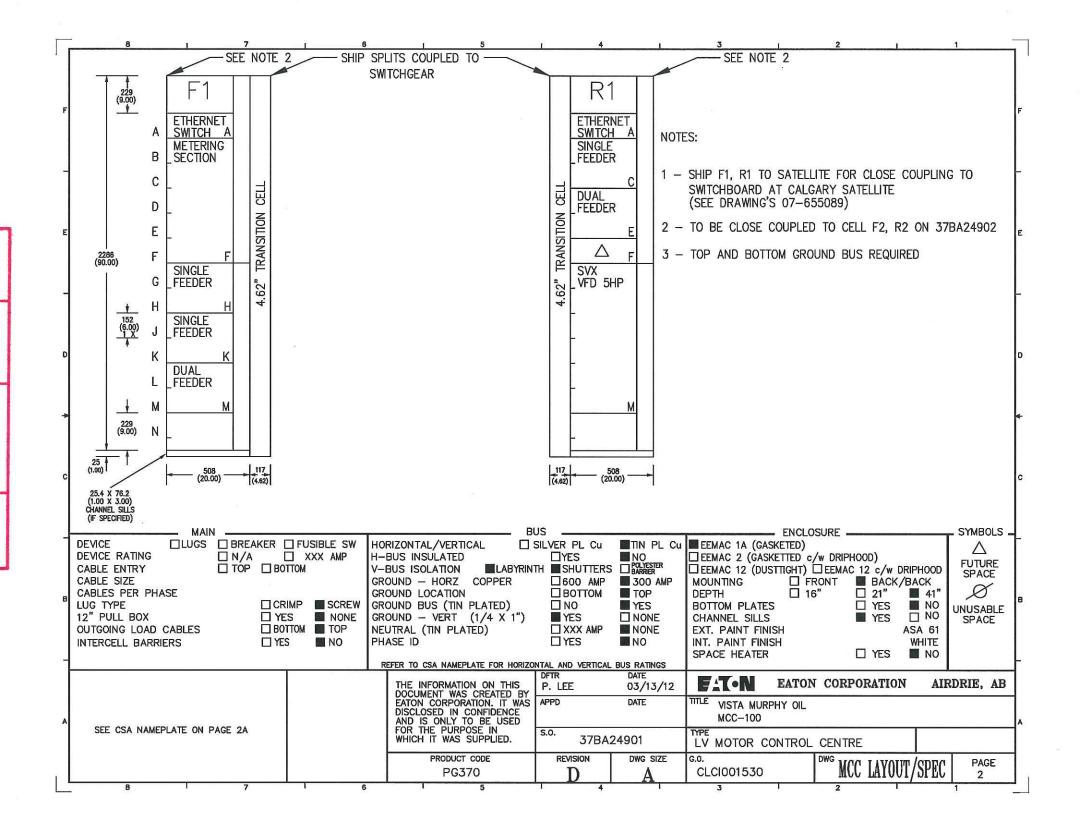


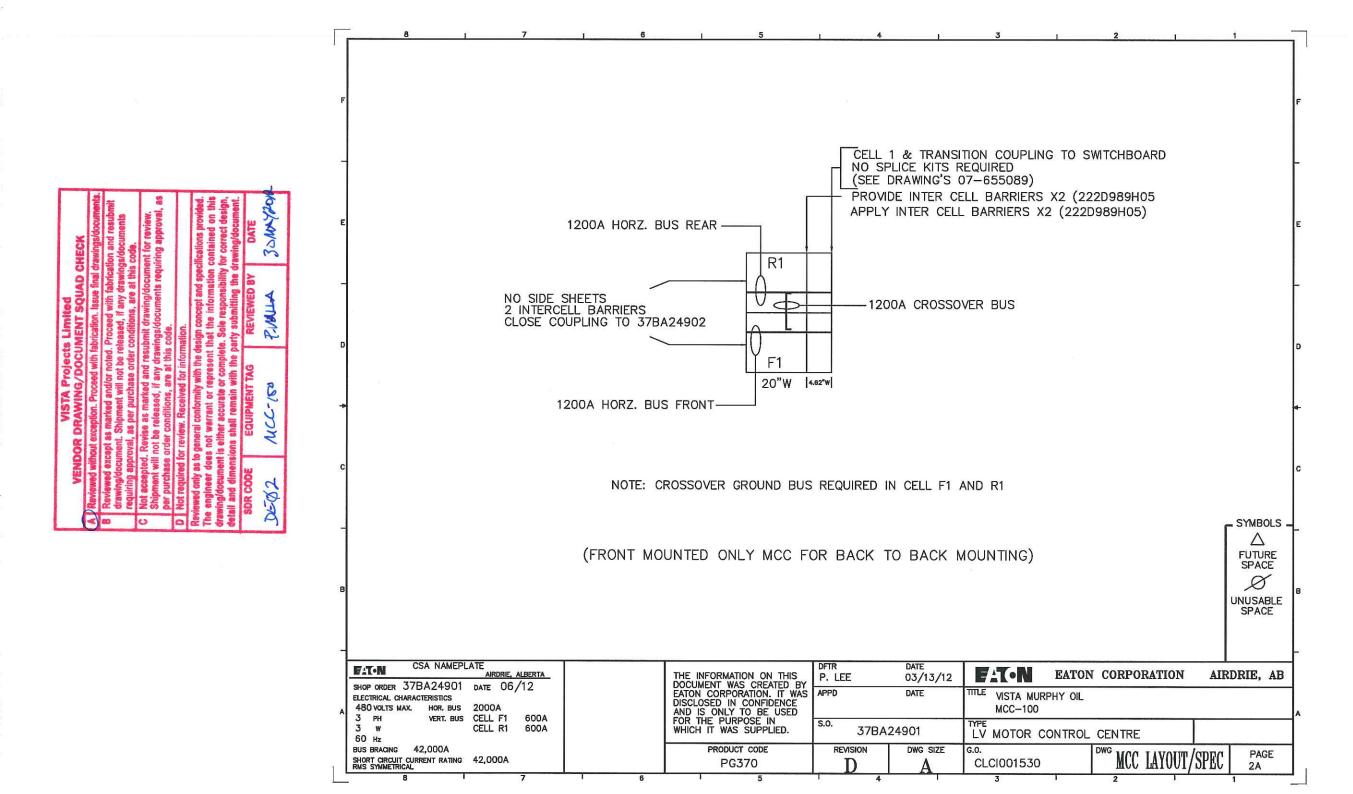


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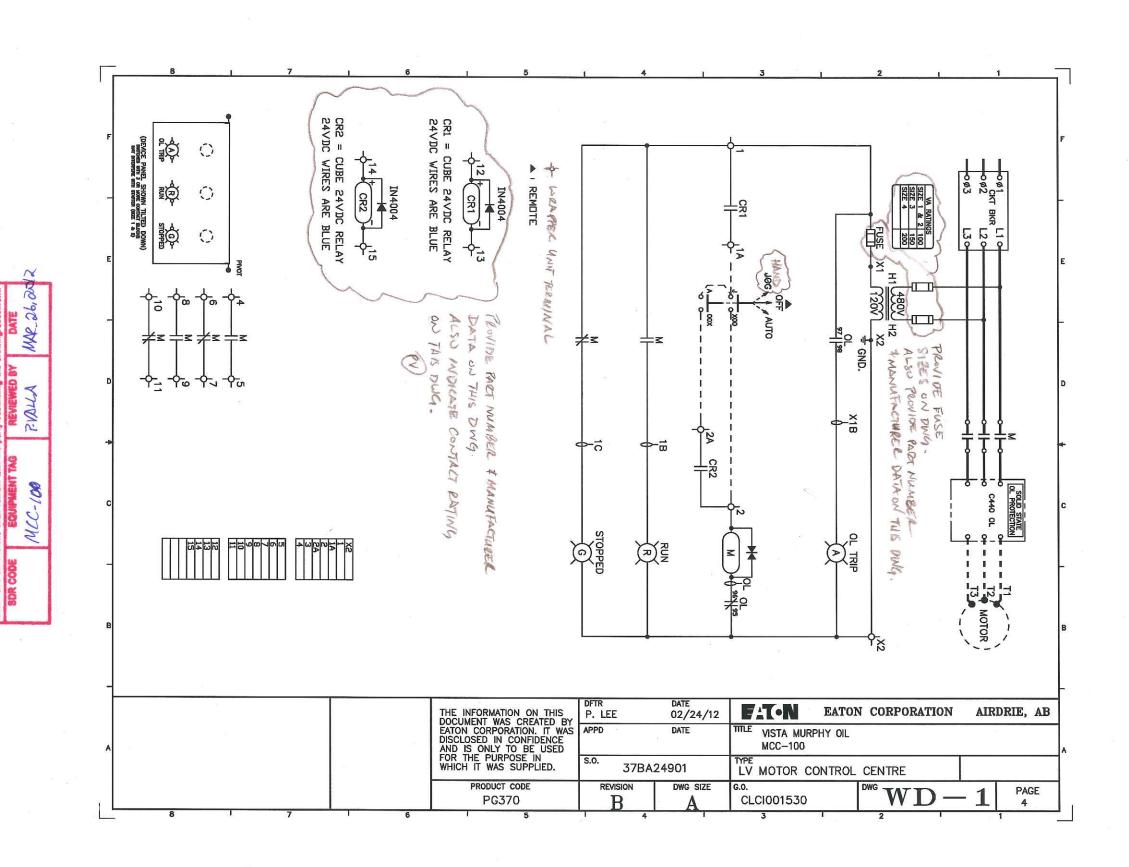
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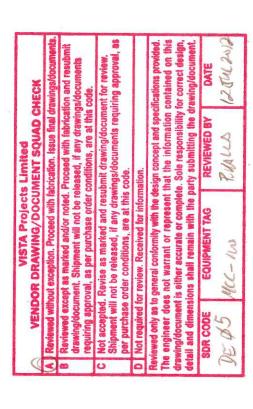


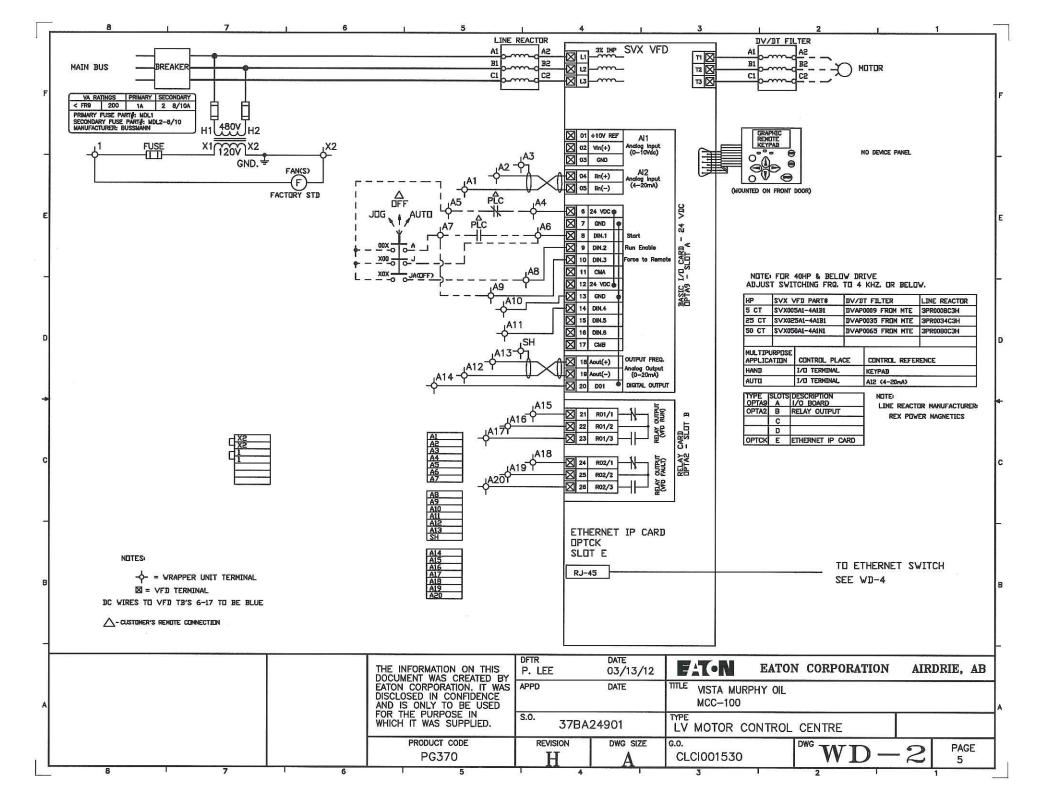


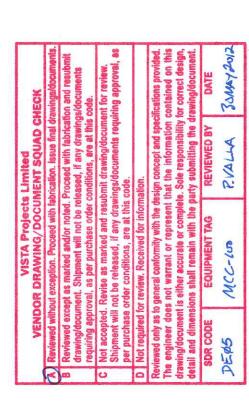
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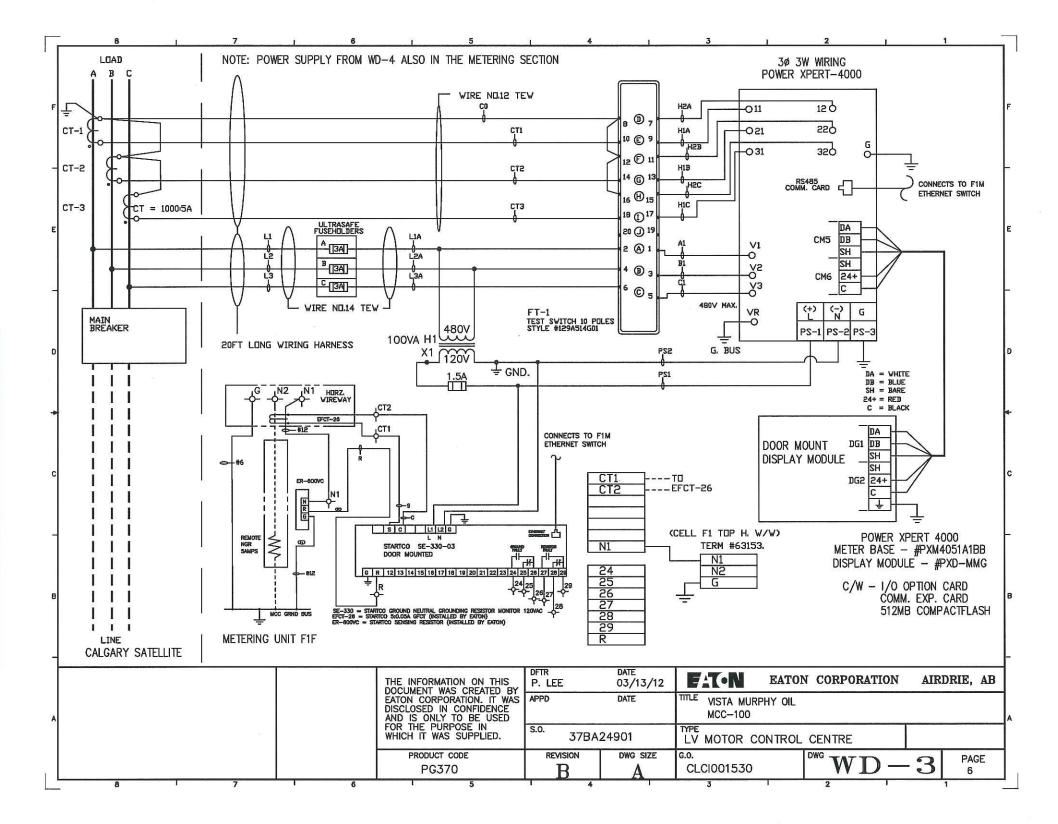
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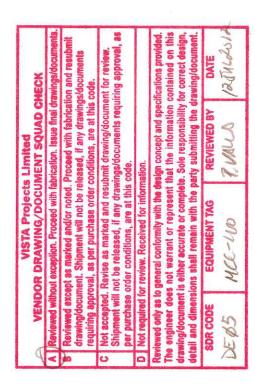


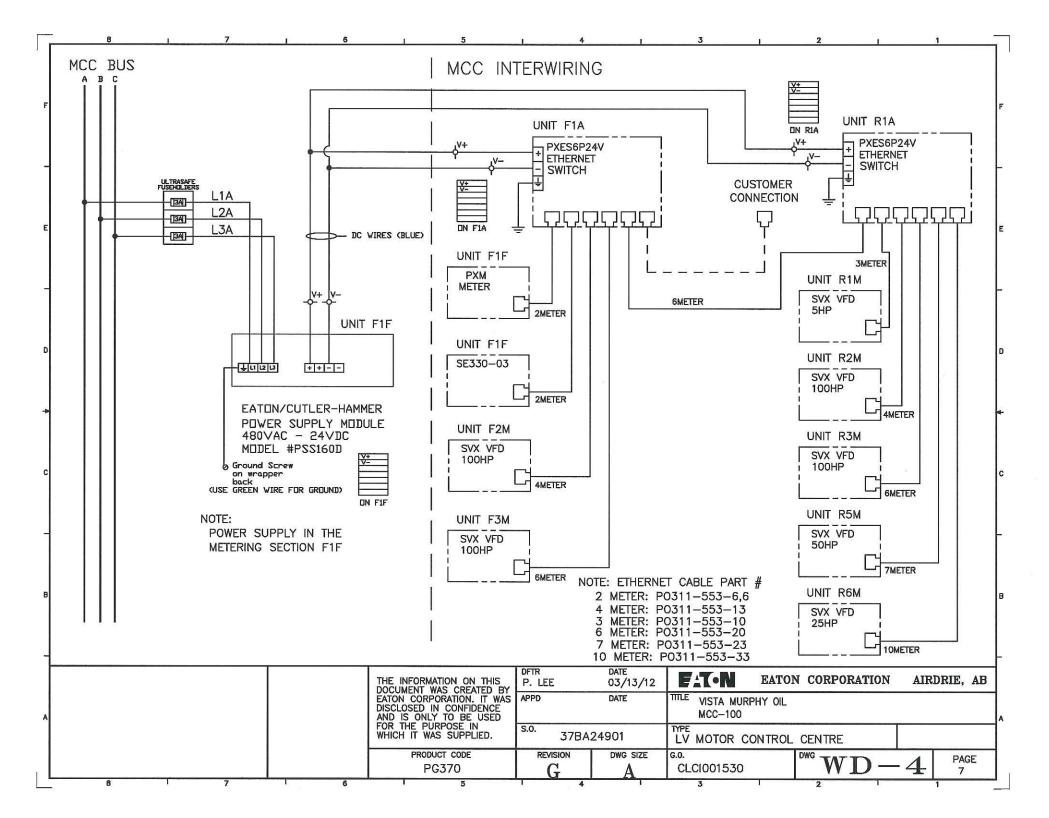












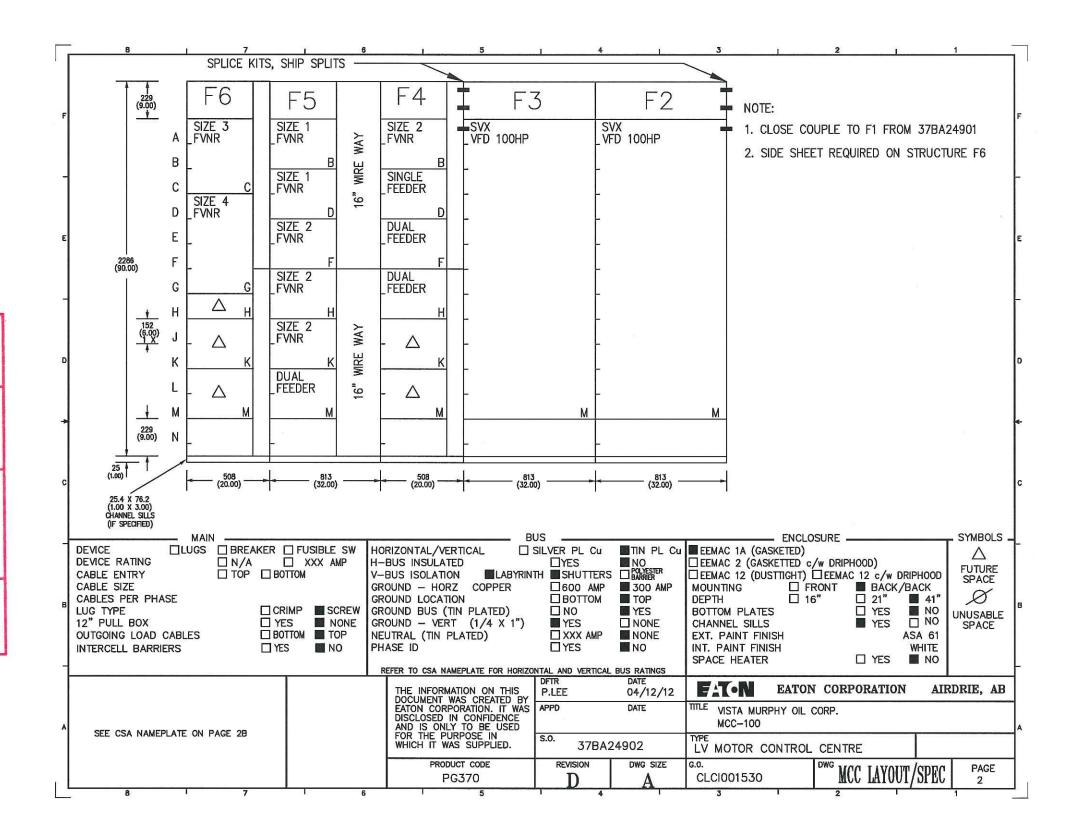
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2 2A	MOTOR CONTROL CENTRES  DESCRIPTION  MCC MASTER DRAWING INDEX	03/13/12						GES		KEV	#  PAGES	REVISION	REMARKS	37BA24	
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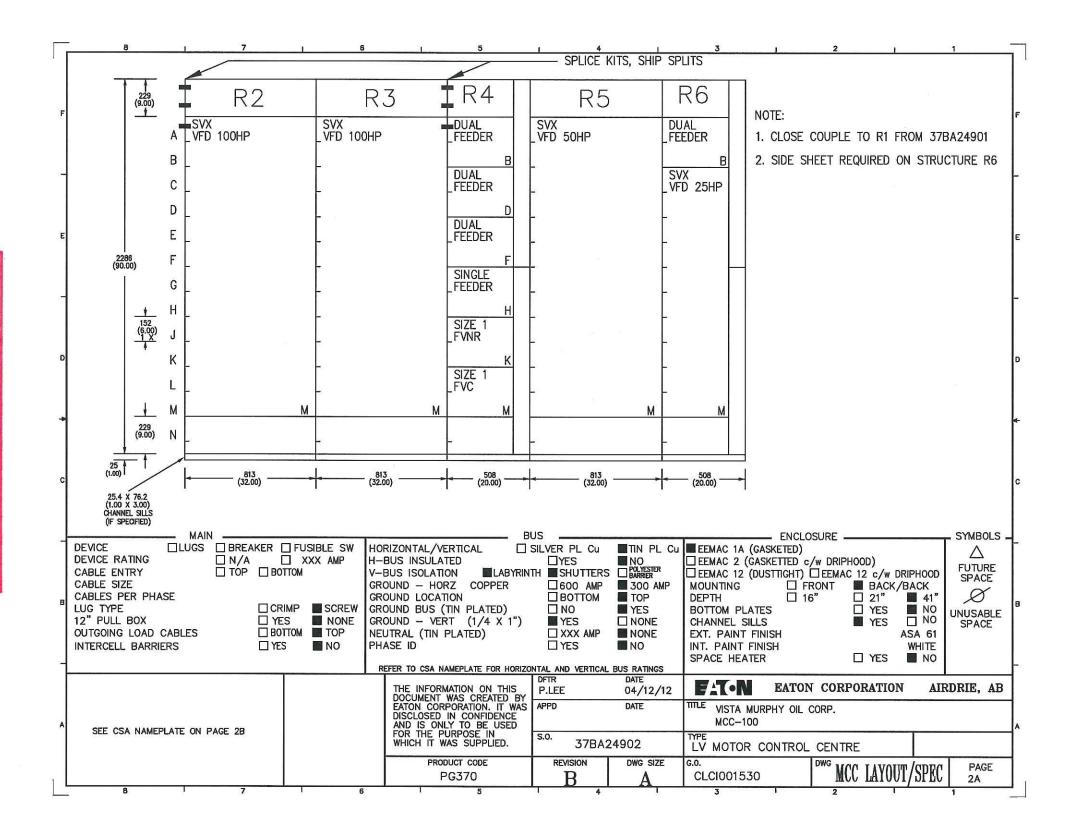
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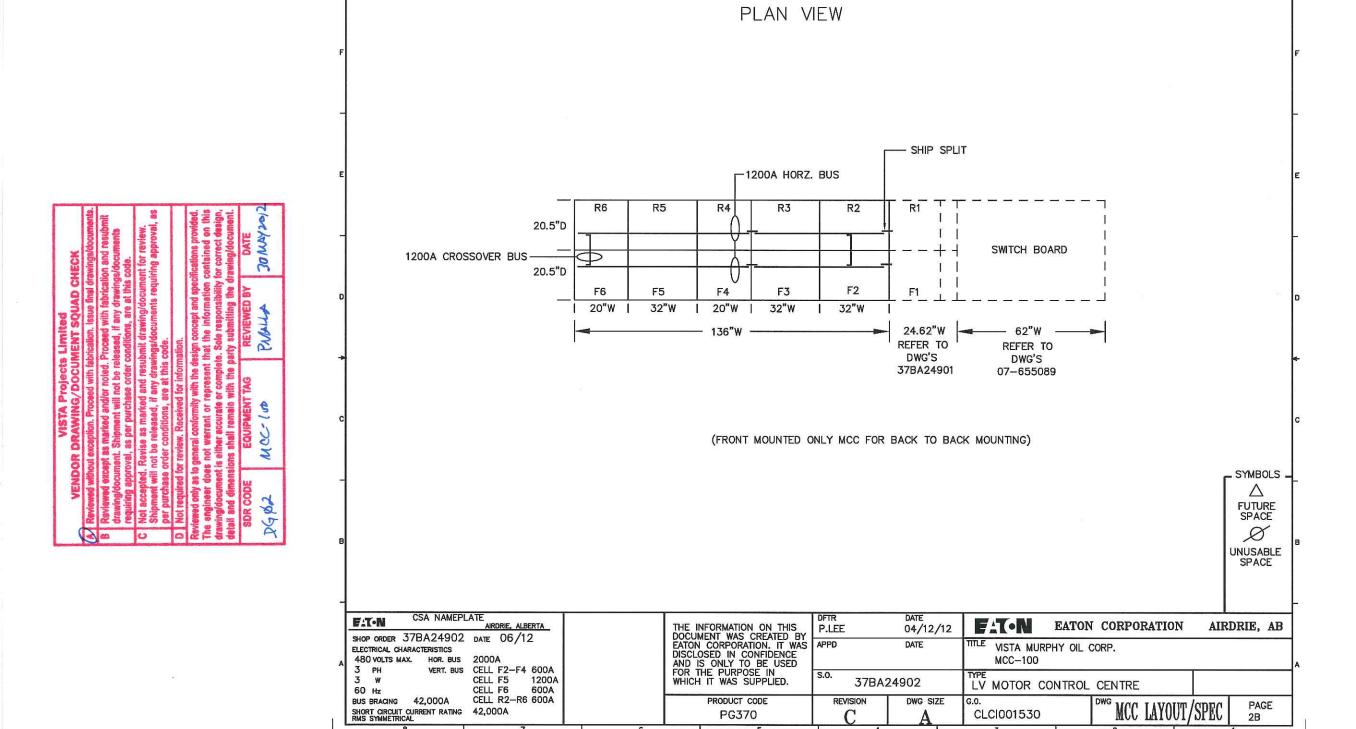
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E F	F	_ BDAHFD12			HFD3015	15A	65				SPARE	15A BREAKER		
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R4		BFAHFD12			HFD3150	150A	65				TNS-EHT-300	EHT	TRANSFORMER	
R4		G1A20612	5	4.0-20A	HMCPS015E0C		100	WD-1			SPARE	SIZE 1 FVNR		
R4	M	E1A26C12			HF03015	15A	65	WD-5			HTR-TK-6270	TK-6270	HEATER	
R5	-	SOAFR7-672	50		HFD3100	100A	65	WD-2	S#SVX050A1-	441N1	PM-6000	SOURCE WATER	WELL PUMP	MOTOR
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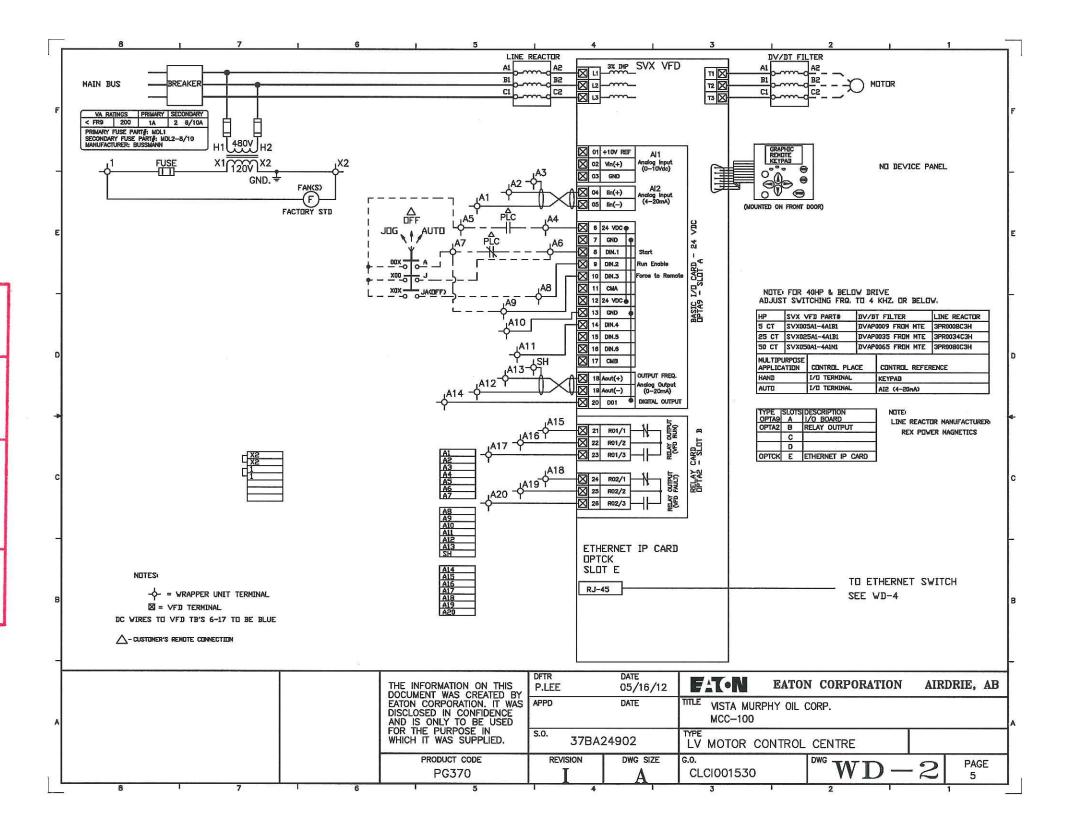
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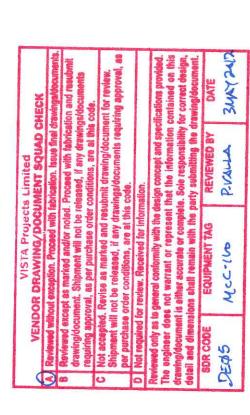
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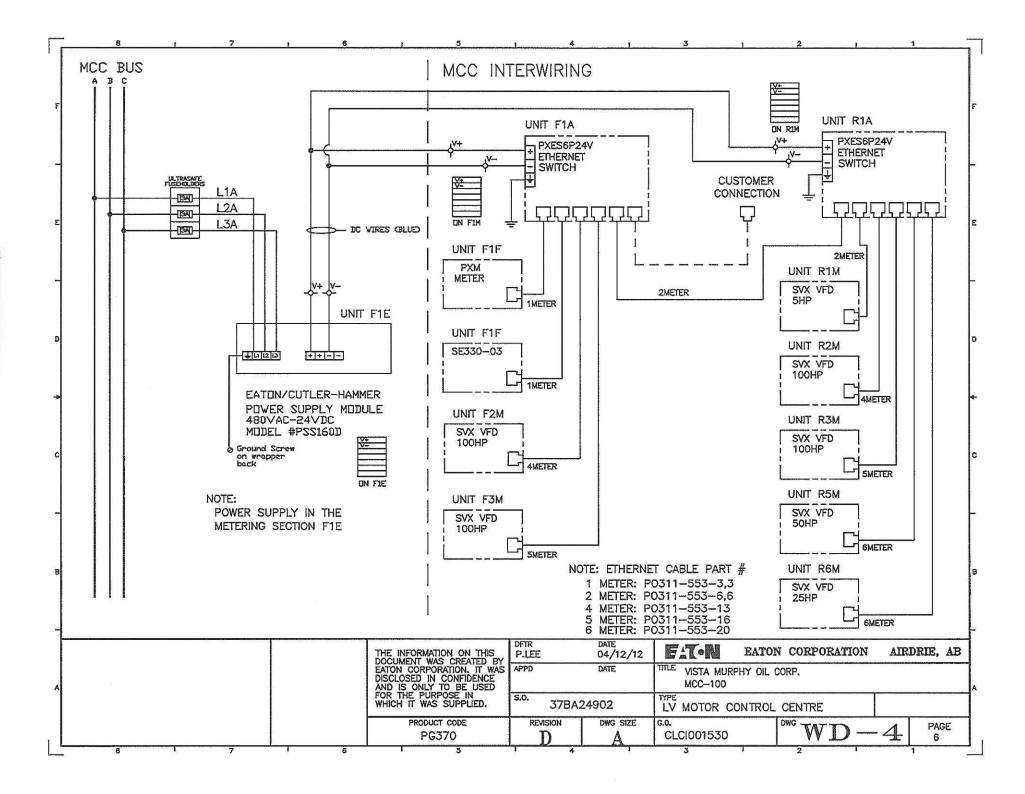
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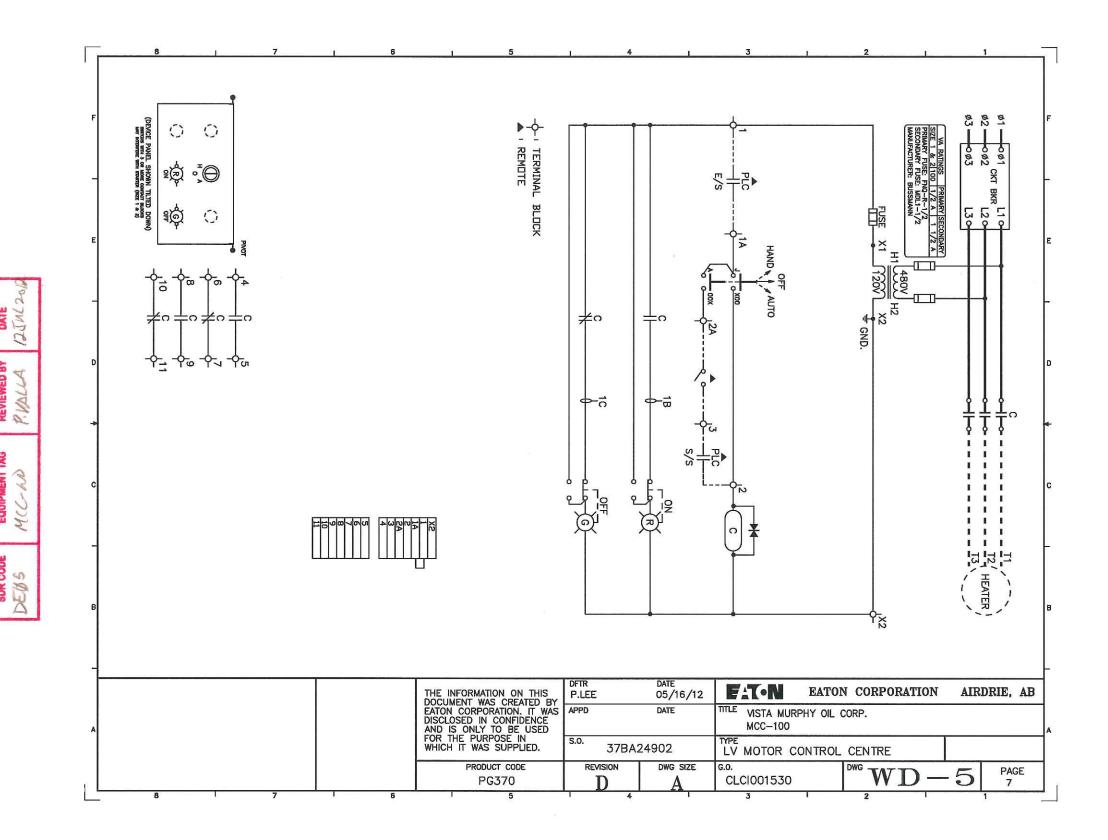
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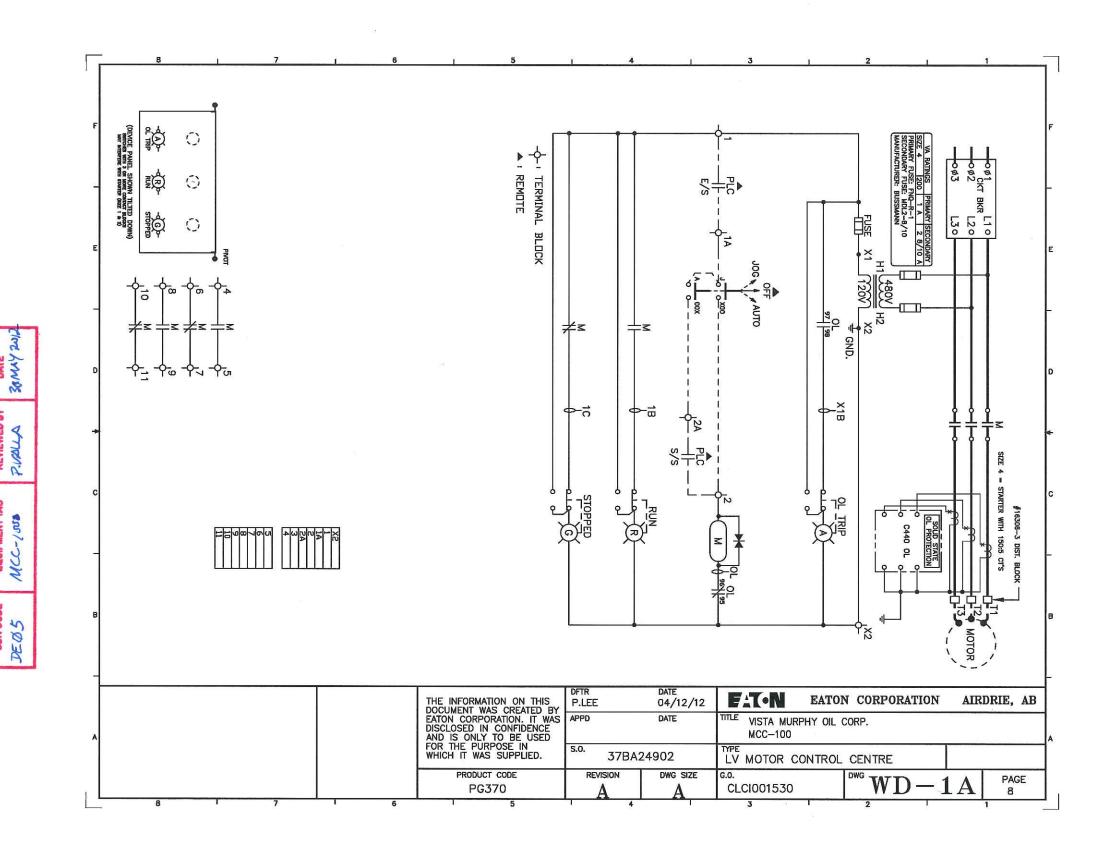
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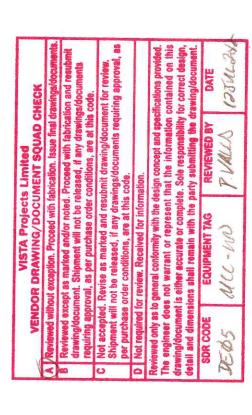


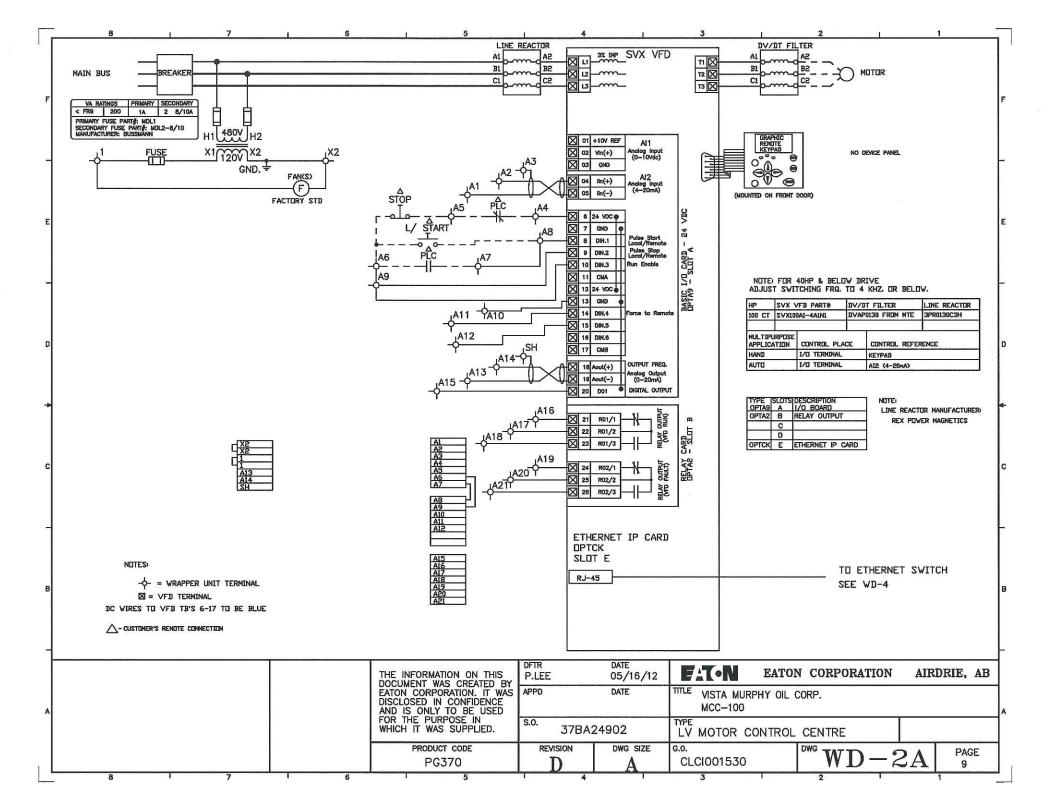


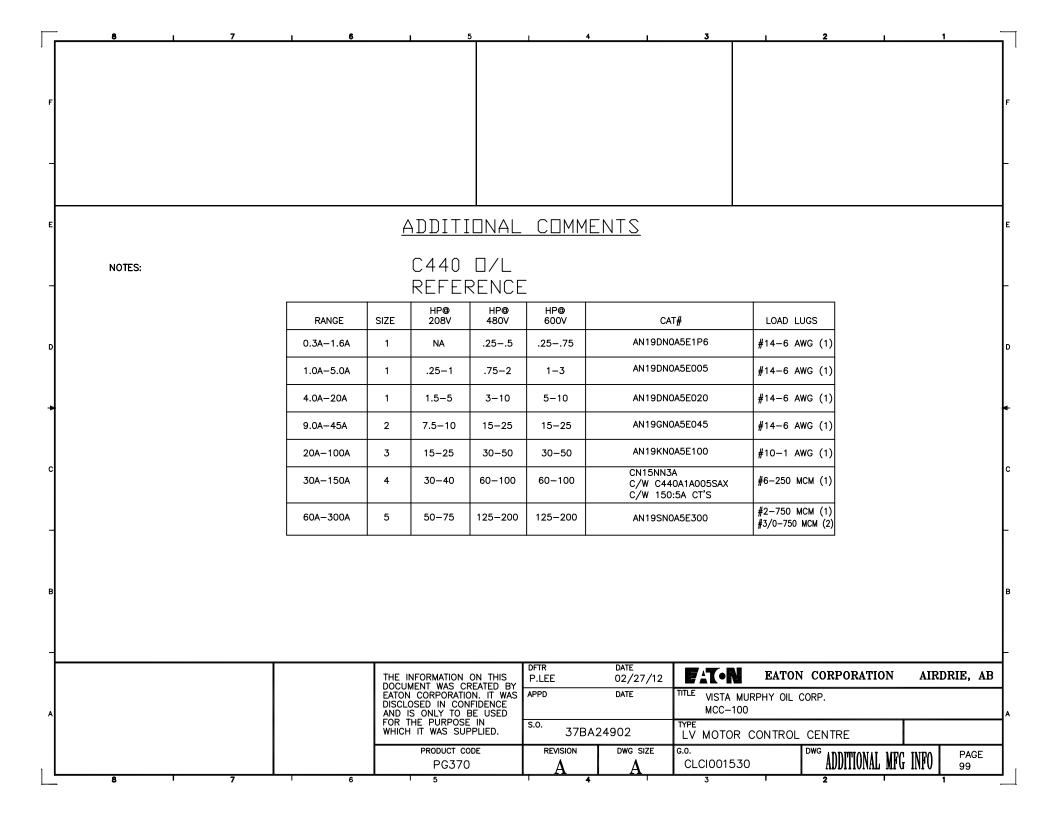


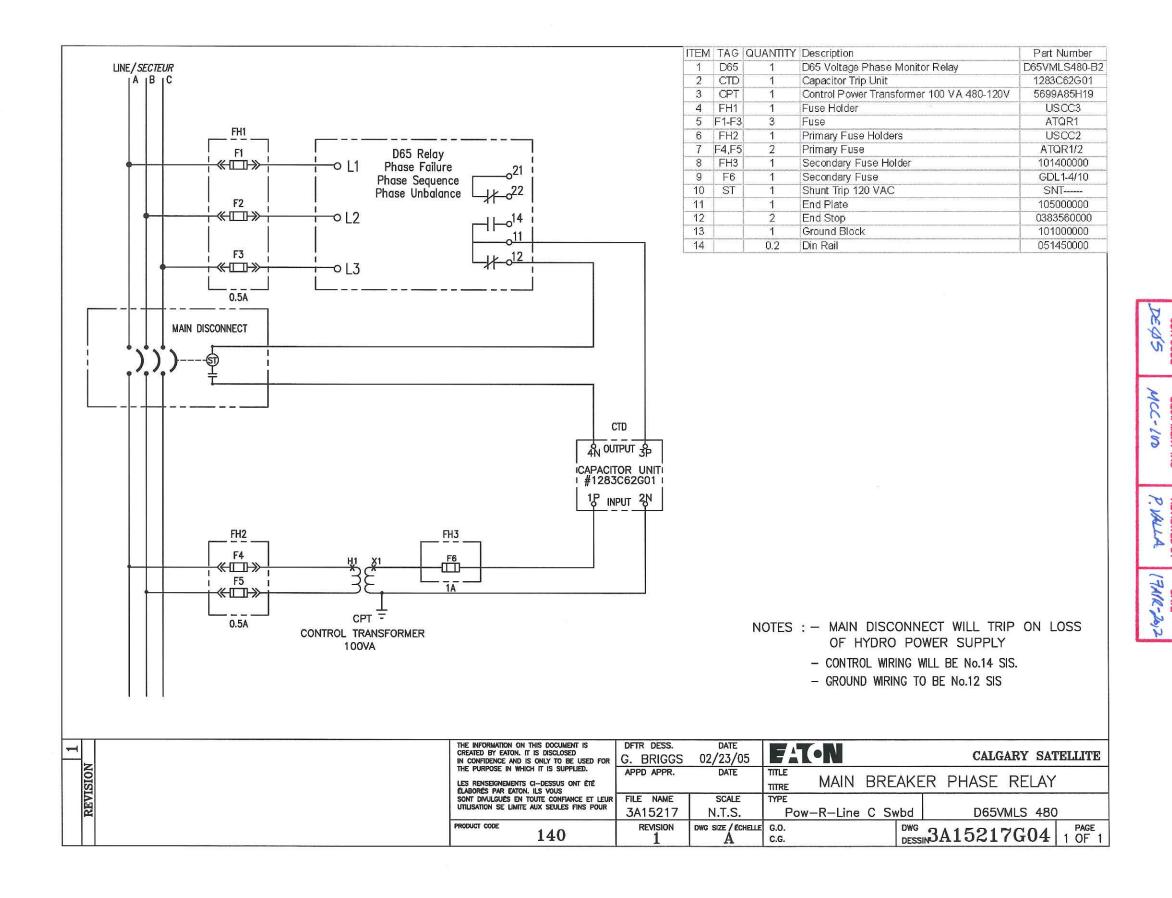


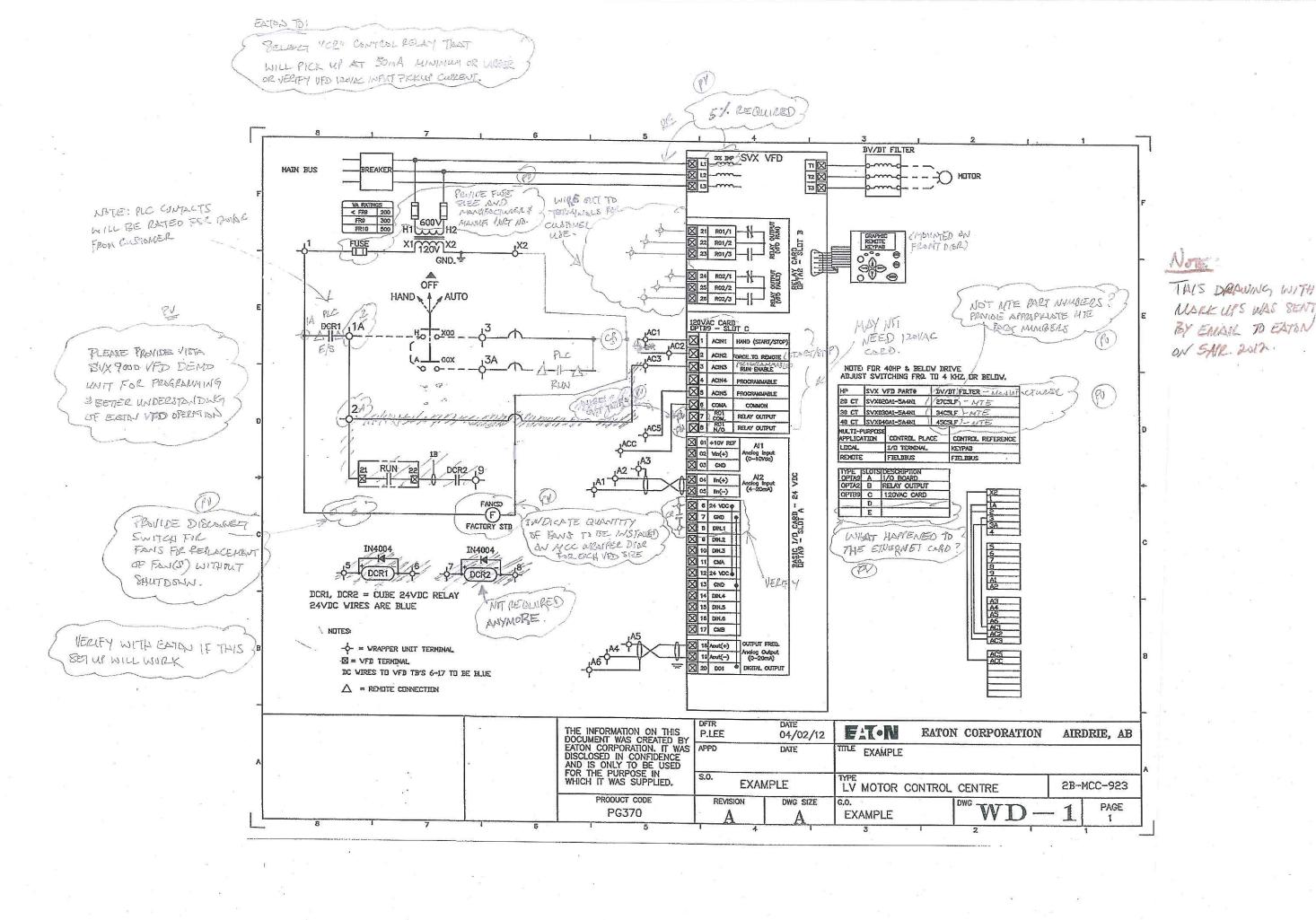


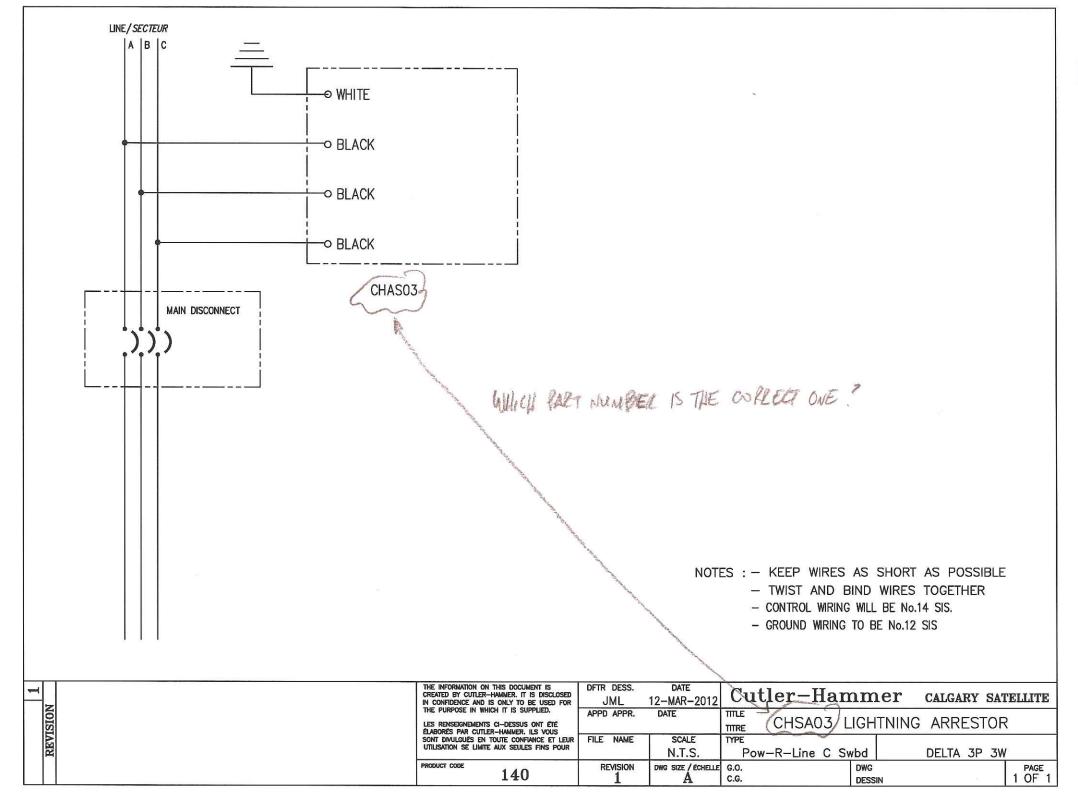












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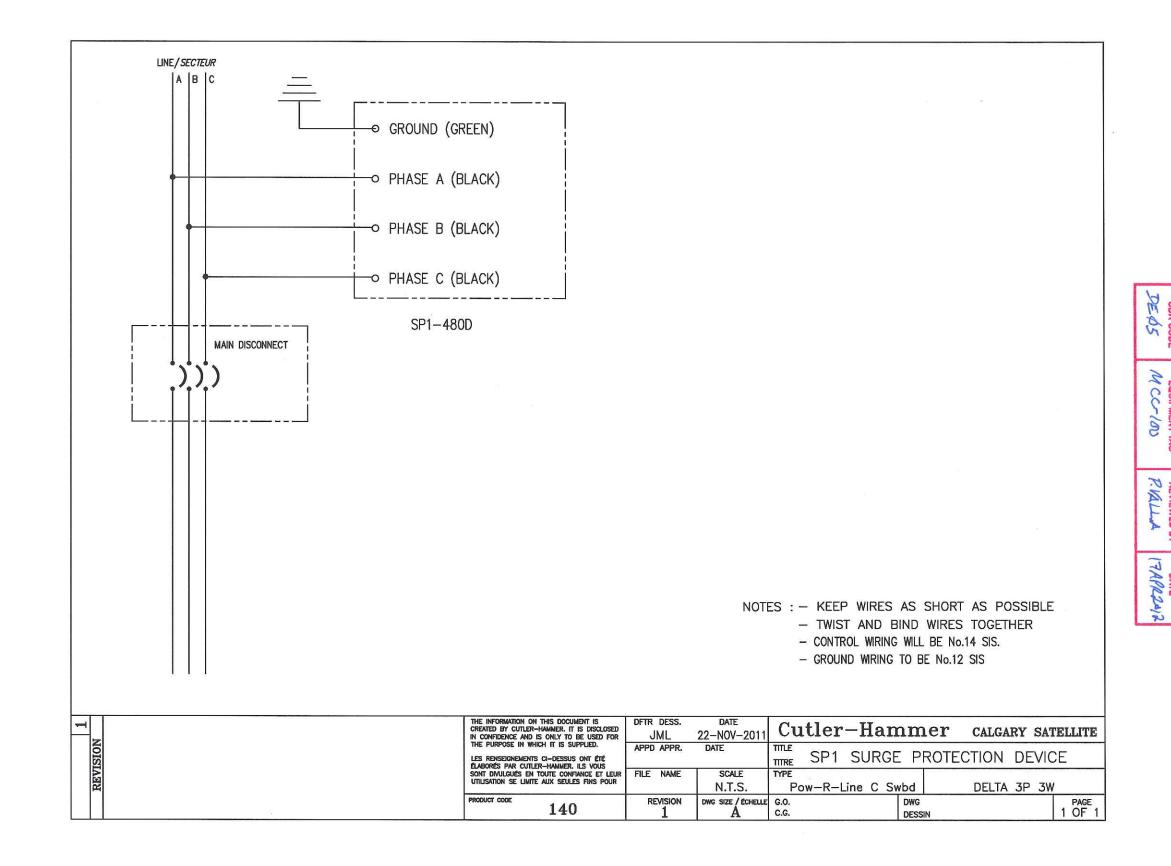
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