

NOTE:  
1. FUSING ON SAFETY OUTPUTS IS NOT REQUIRED IF CIRCUIT IS ADEQUATELY PROTECTED BY FUSING IN PLC OUTPUT CARD. FUSE SIZING IS PER SAFETY RELAY MANUFACTUER'S SPECIFICATION.  
2. CONTRACTOR TO ENSURE THERE IS NO UNINTENDED CONNECTIONS BETWEEN TERMINALS.  
3. ACTUAL SAFETY RELAY SELECTED AND ALL WIRING DIAGRAMS ASSOCIATED WITH IT MUST BE APPROVED BY THE SEALING ENGINEER.

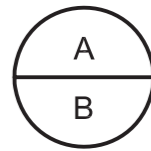
BILL OF MATERIALS		
ITEM#	DESCRIPTION	SPECIFICATION No.
01	FUSE-20 AMP	26 99 01 - 2.2
02	FUSE HOLDER 3-POLE	26 99 01 - 2.3
03	SAFETY CONTACTOR	26 99 01 - 2.4
05	CABLE - #14 - RW90 - RED	26 99 02 - 2.2
06	CABLE - #14 - RW90 - WHITE	26 99 02 - 2.3
11	HOURLY METER	26 99 01 - 2.5
12	3 POSITION SELECTOR SWITCH	26 99 01 - 2.6
15	MOMENTARY PUSHBUTTON CONTACTS	26 99 03 - 2.2
16	2 POSITION KEY SELECTOR SWITCH	26 99 03 - 2.3
18	MAINTAINED PUSHBUTTON-EMERGENCY STOP	26 99 03 - 2.5
36	SAFETY RELAY	26 99 01 - 2.14
38	MULTI-CONDUCTOR ARMoured CABLE #16AWG	26 99 02 - 2.11



SEAL AND SIGNATURE MUST BE PRESENT TO USE DRAWING FOR OFFICIAL PURPOSES. TYPED INITIALS IN TITLE BLOCK AND REVISION BLOCK ARE FOR RECORD KEEPING PURPOSES ONLY.

1	ISSUE FOR TENDER	DP	JULY 2015
No.	Description	Dwn.By Des.Par	Date

Revision / Révision



A Detail number  
No. du détail  
B Location dwg. no.  
No. sur dessin

Project title / Titre du projet

RIDEAU CANAL  
BLACK RAPIDS LOCK 13  
UPGRADES 2015

Drawing title / Titre du dessin

ELECTRICAL  
SAFETY CIRCUIT

Drawn by / Dessiné par

ALEX BAILEY

Designed by / Conçu par

HUGH CHANT

Approved by / Approuvé par

HUGH CHANT

Drawing Date / Date du dessin

JUNE 2015

Project No. / Numéro du projet  
R.078218.001

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Dessine No.

E002

Sheet  
Feuille 1 of 1