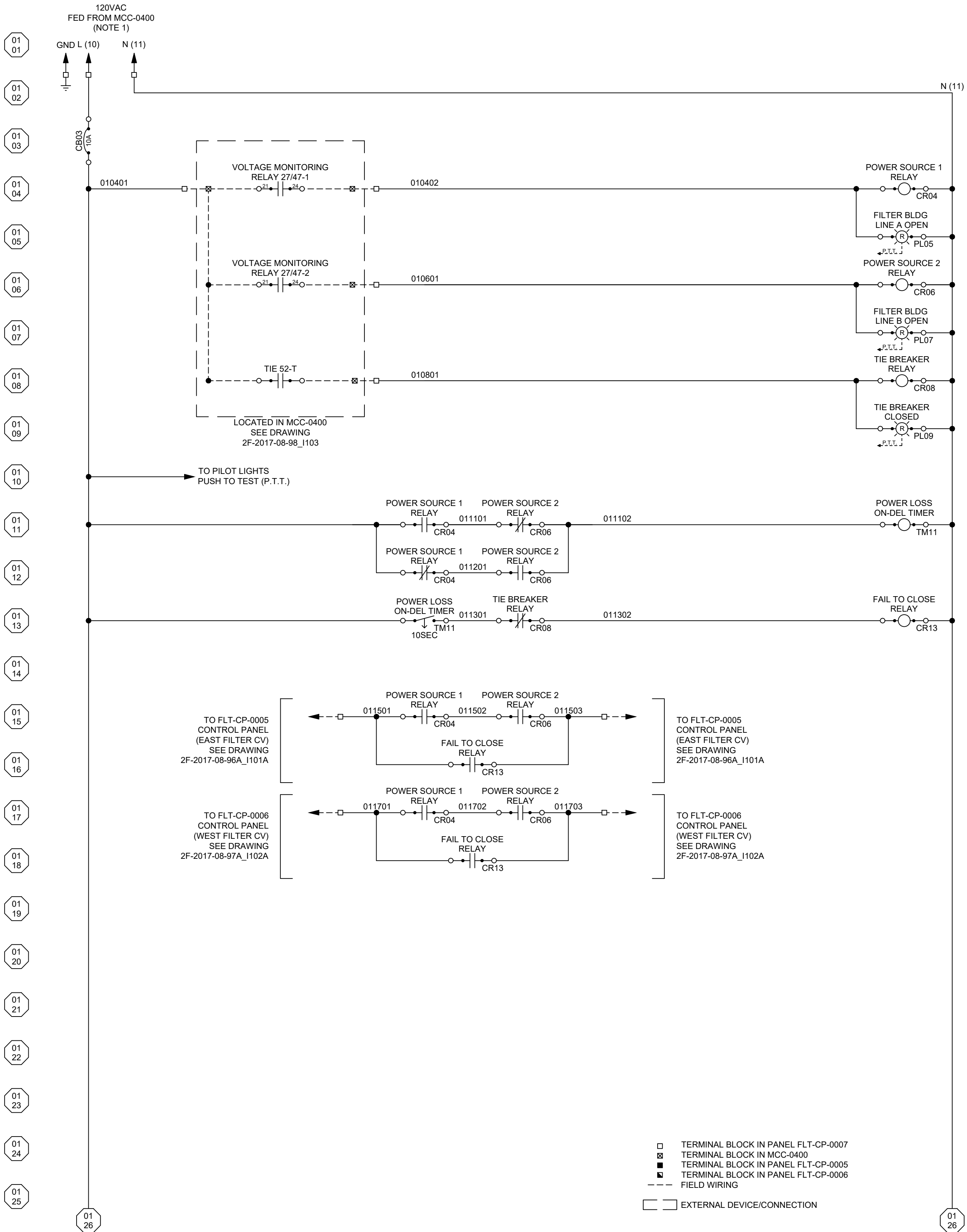
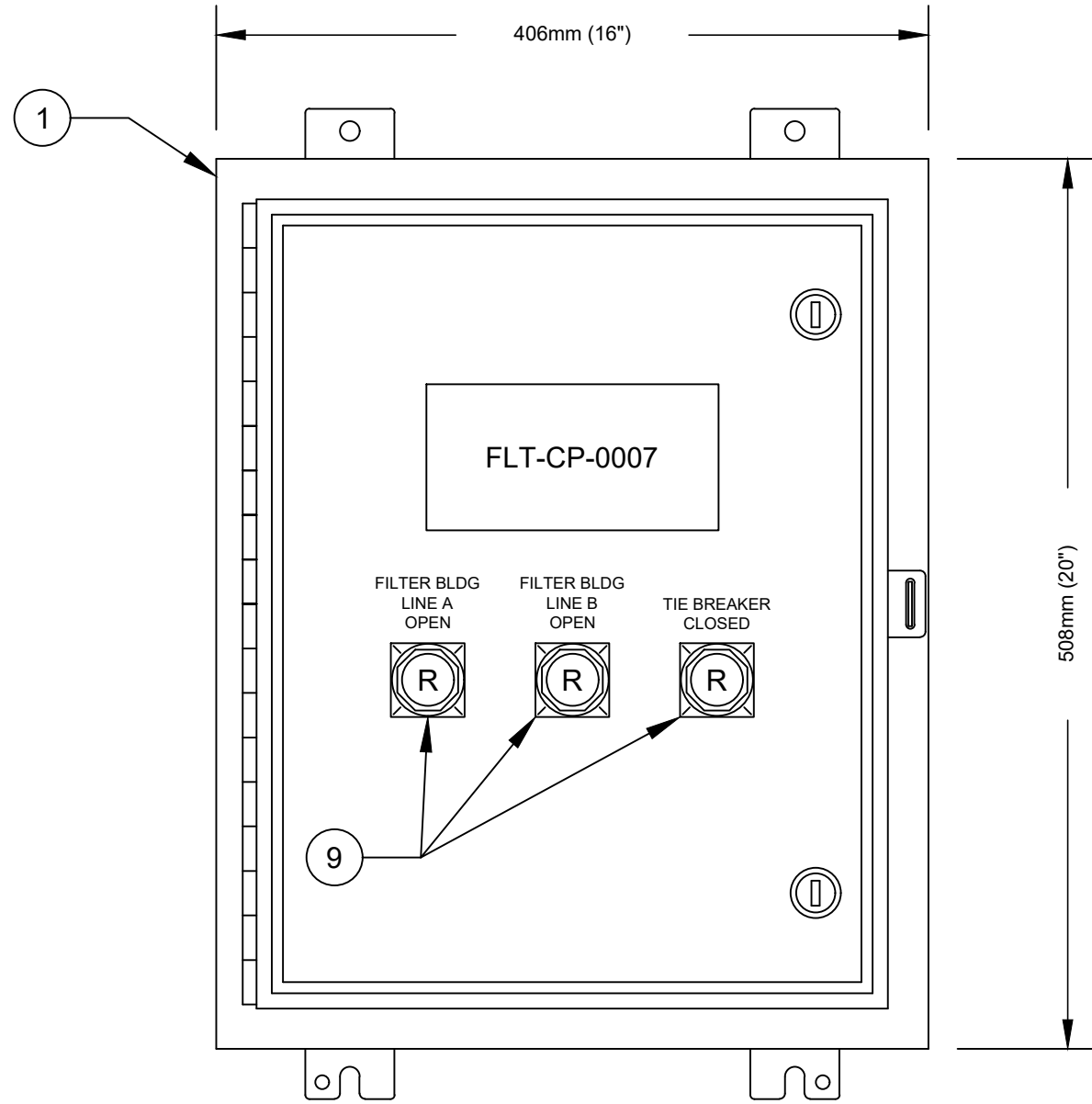


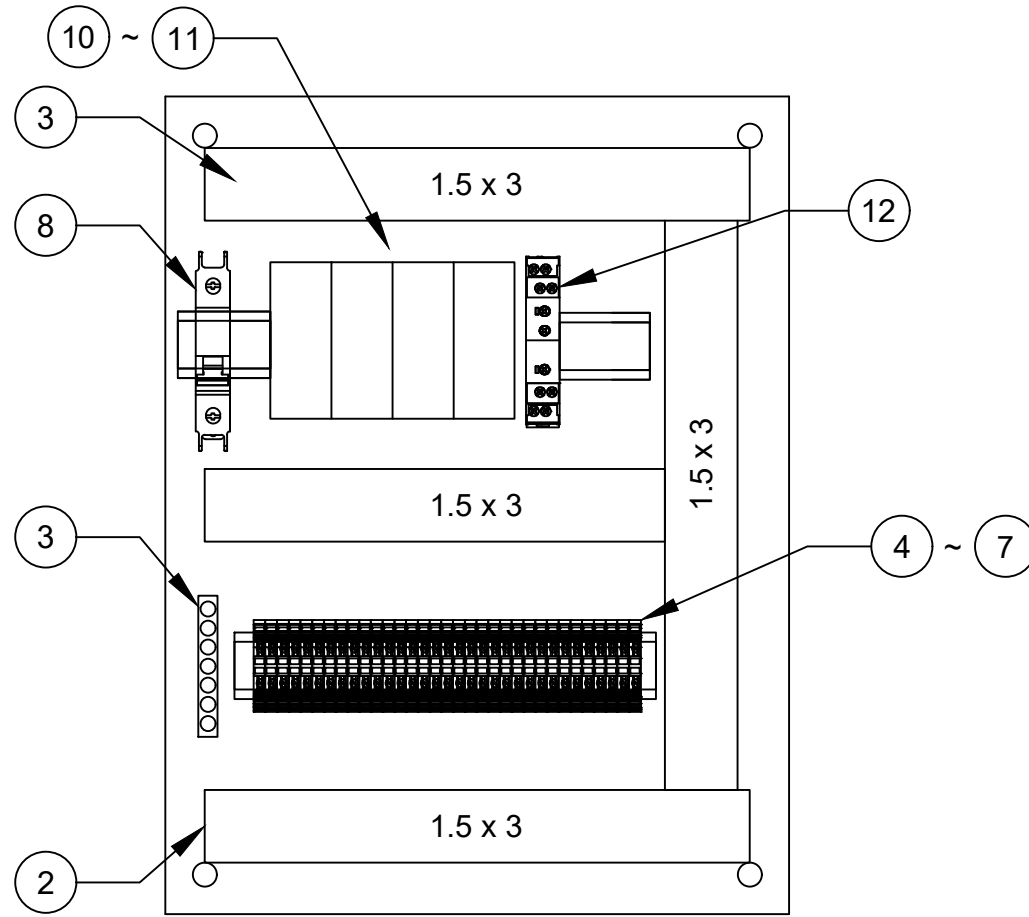
Drawing: J:\W16-0273 TOR\_HARRIS\WP-STANDBYGENERATOR\500\_CAD\401-CAD\1-SS OR BU\SHEET\7 I&C\UPS AND FILTER CV SHUTDOWN\2F-2017-08-102-1105 FLT-CP-0007 FILTER CV SHUTOFF CONTROL PANEL LAYOUT AND WIRING.DWG  
Layout: JGO  
Date: 06/12/2025 Time: 03:15:32 PM



NOTE:  
1. 120 VAC FED FROM CONTROL POWER SUPPLY IN  
MCC-0400. SEE DRAWING 2F-2017-08-98\_1103  
2. REFER TO DRAWING E202 FOR DETAILS ON THE LOCATION  
OF THE FILTER CV SHUTOFF CONTROL PANEL FLT-CP-0007



FLT-CP-0007 FILTER CV SHUTOFF CONTROL PANEL



INTERIOR BACKPLATE

FILTER CV SHUTOFF CONTROL PANEL - BILL OF MATERIALS

ITEM	EQUIPMENT	MANUFACTURER	PART #	DESCRIPTION	QTY
1	ENCLOSURE	RALSTON	N12-201608	508x406x203 (20x16x8), WALL MOUNTED/SINGLE DOOR NEMA 12	1
2	ENCLOSURE SUNDRIES	PANDUIT OR EQUIVALENT		WIRE DUCT, 6"x4", 4"x4", 3"x4", 2"x4", 4"x3", 3"x3", 2"x3", GRAY, AS SHOWN IN PANEL LAYOUT	AR
3	GROUND BAR	ILSCO	N-174	COPPER, CUT TO SIZE	1
4	TERMINAL BLOCK	PHOENIX CONTACT	3044102	GREY TERMINAL M4/6	AR
5	TERMINAL BLOCK	PHOENIX CONTACT	3022276	END STOPS	AR
6	TERMINAL BLOCK	PHOENIX CONTACT	3047167	GREY SEPARATOR END SECTION	AR
7	TERMINAL BLOCK	PHOENIX CONTACT	1051003	TERMINAL MARKING STRIP	AR
8	CIRCUIT BREAKER 1 POLE, 10A	SCHNEIDER ELECTRIC	M9F42110	MULTI 9 C60BP, 1P, 10A, C CURVE	1
9	PILOT LIGHT W. PUSH TO TEST	ALLEN BRADLEY	800T-QTE2R	30.5mm, RED LED, 12-130V AC/DC, PUSH-TO-TEST	3
10	RELAY	OMRON	MY4N-CR	120VAC, 4-POLE WITH INDICATOR	4
11	RELAY BASE FOR OMRON MY4N-CR	OMRON	PVF214T	4-POLE RELAY SOCKET, SCREW TERMINAL, FOR MY4N-CR	4
12	TIMER RELAY	PHOENIX CONTACT	2905813	ETD-BL-1T-230, ADJUSTABLE TIME RANGE OF 50MS - 1H	1



**ARCADIS**  
100-175 GALAXY BOULEVARD  
TORONTO, ONTARIO, M9W 0C9  
TEL 416 679 1930 FAX 416 675 4620  
www.arcadis.com

COPYRIGHT:  
This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by ARCADIS is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and ARCADIS shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to IBI Group for general concurrence before proceeding with fabrication.

ARCADIS Professional Services (Canada) Inc.

B 2025-06-10  
A 2025-03-18

ISSUED FOR ADDENDUM #1  
ISSUED FOR TENDER

C.H.  
C.H.

NO. DATE REVISIONS INITIAL SIGNED

TORONTO WATER

ENGINEERING AND CONSTRUCTION SERVICES

WILLIAM FERNANDES, P. ENG.  
DIRECTOR,  
WATER TREATMENT AND SUPPLY

SIMON HOPTON, P. ENG.  
DIRECTOR  
DESIGN & CONSTRUCTION  
MAJOR INFRASTRUCTURE

**R.C. HARRIS WATER TREATMENT PLANT**  
INSTALLATION OF A STANDBY GENERATOR FOR CRITICAL LOADS  
FLT-CP-0007 FILTER CV SHUTOFF CONTROL PANEL LAYOUT AND WIRING

INSTRUMENTATION

DESIGN: M.D. DRAFTING: M.D. CHECK: T.S. CONTRACT No. 25ECS-MI-03HA  
SCALE: N.T.S. DRAWING NUMBER: 2F-2017-08-100 1105  
DATE: 2024-09-30