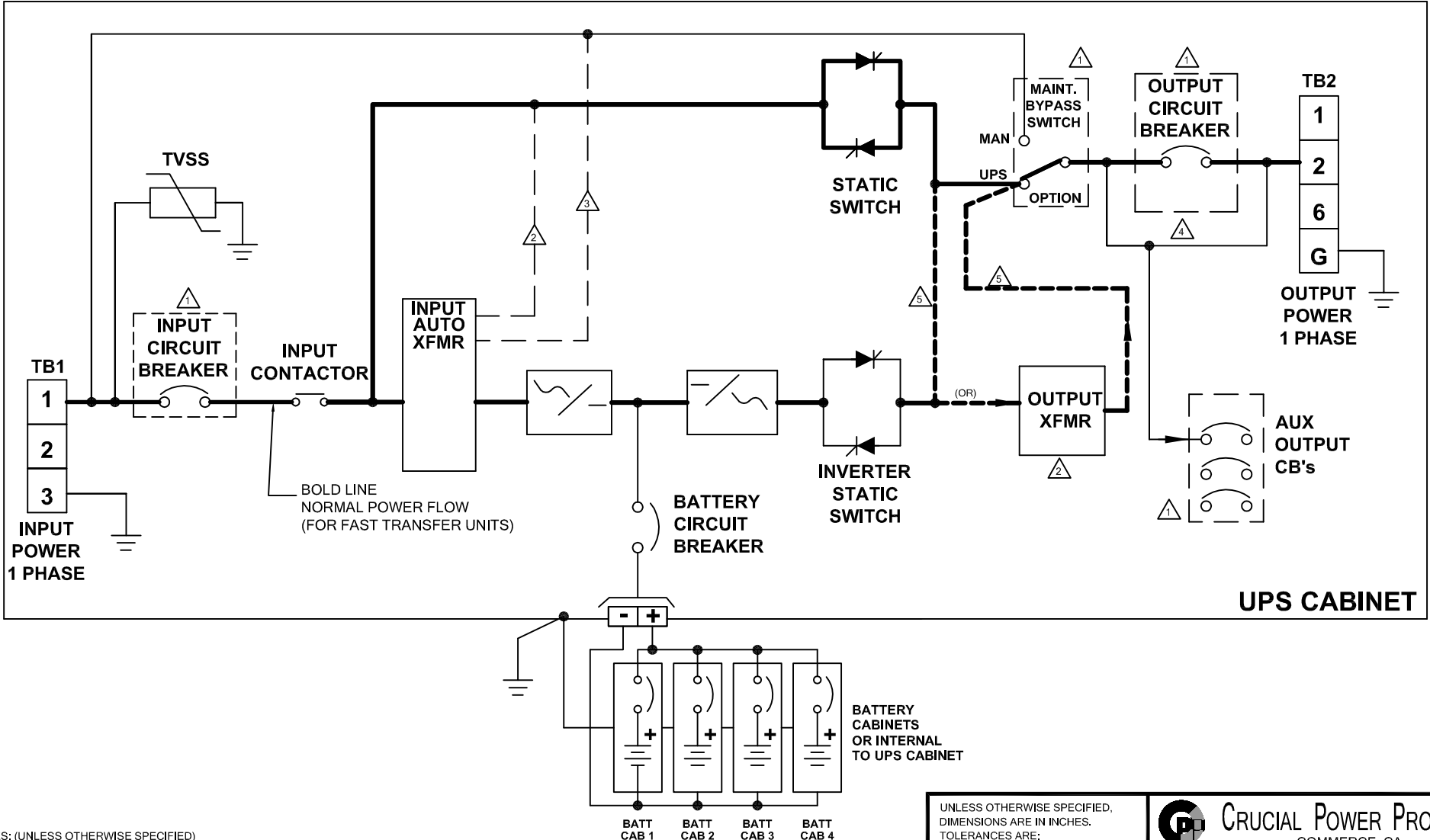
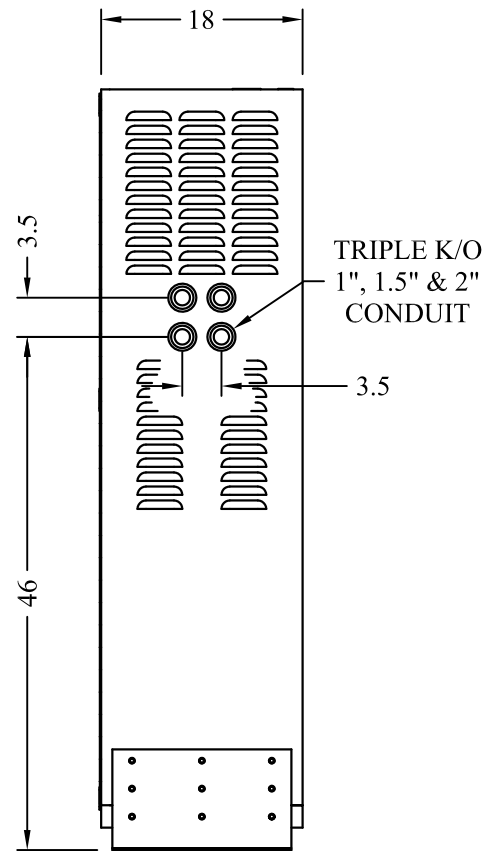
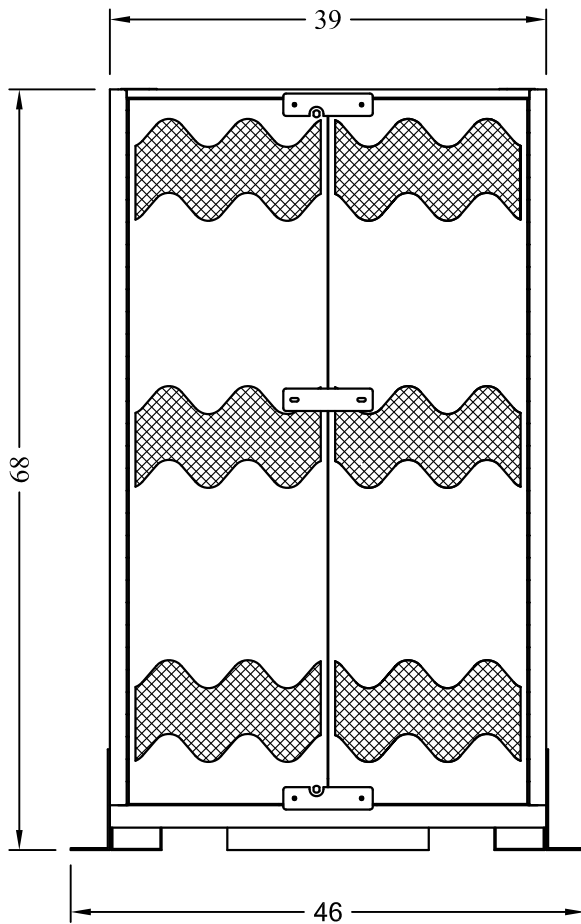
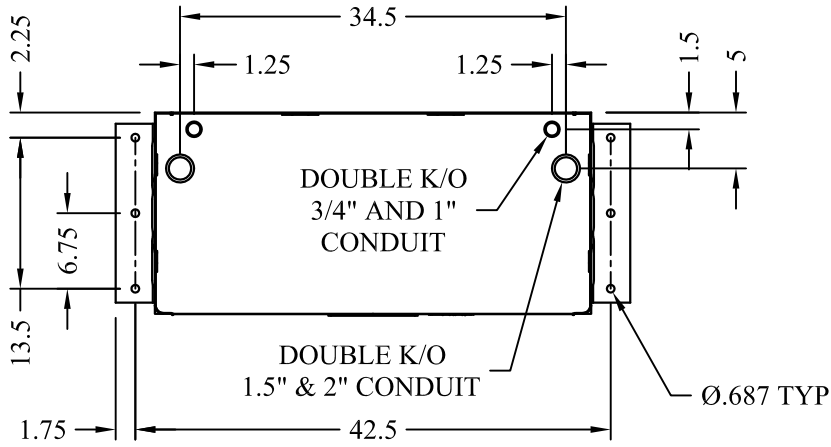


REVISION				
REV	ECO	DESCRIPTION	DATE	APPROVED
A	8323	NEW RELEASE	01/07/07	H.BAIK
B	9550	REVISED FOR INTERNAL BATTERY	7/12/11	H.BAIK
C	9835	REVISED	8/10/12	H.BAIK



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS .XX ± .03 .XXX ± .010 FRACTIONS ± 1/64 ANGLES ± 1/2°		CRUCIAL POWER PRODUCTS COMMERCE, CA	
CADD: S.SHAHSAVARI		10/12/10	
CHKD: S.S.		10/12/10	
APPVD: H. BAIK		10/12/10	
TITLE: 1Ø PHASE UPS, BLOCK DIAGRAM STANDARD MODE/ FAST TRANSFER		SIZE: A	DWG: 6001-033-03C
SCALE:		EST. WT:	SHT 1 OF 1
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE			

OSHPD CERTIFIED INVERTER WITH 90 MIN BACKUP



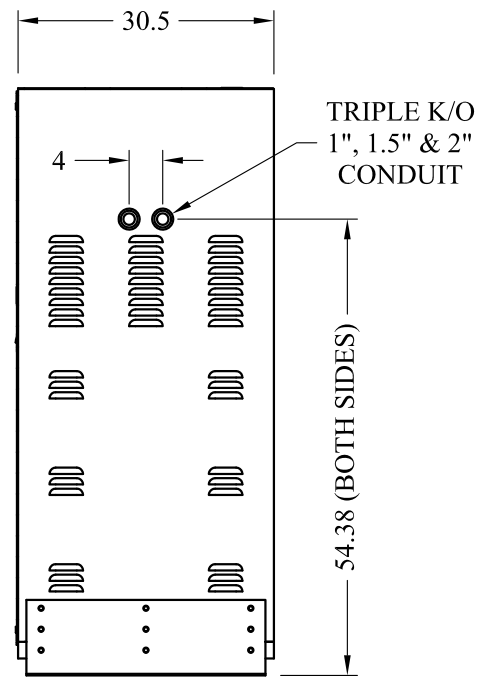
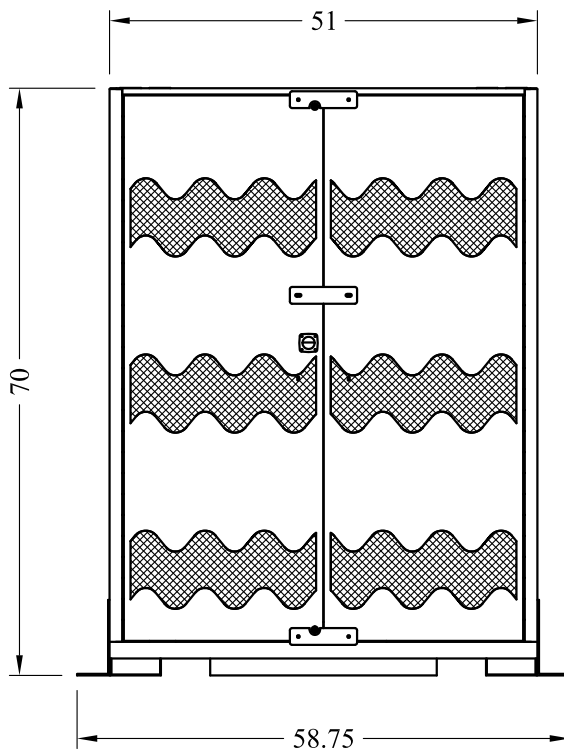
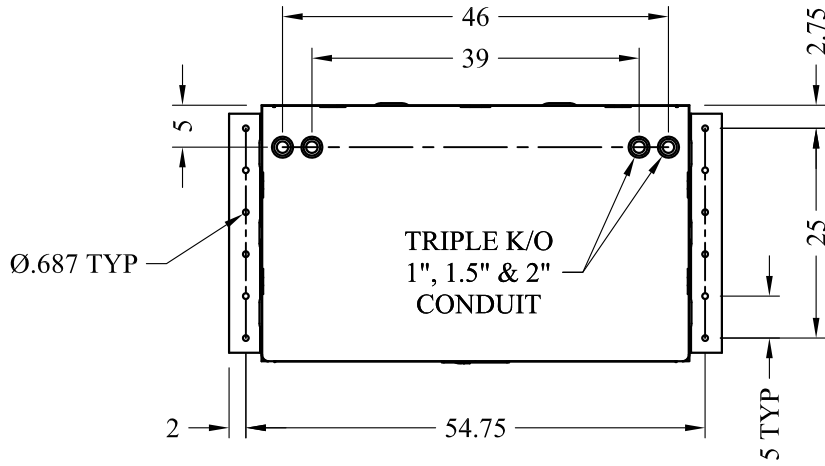
STD VRLA BATTERY

NOTES:

- 1) DEPENDING ON THE BATTERY TYPE, 7.5 KW CAN BE IN EITHER 39" OR 51" WIDE CABINET.

CRUCIAL POWER PRODUCTS			
WAVE RIDER 1 3 KW THRU 8 KW			
DRAWN:	SHERRI	7/26/18	410-SV-TD-A
APPVD:	HENRY	7/26/18	
			REV A

OSHPD CERTIFIED INVERTER WITH 90 MIN BACKUP



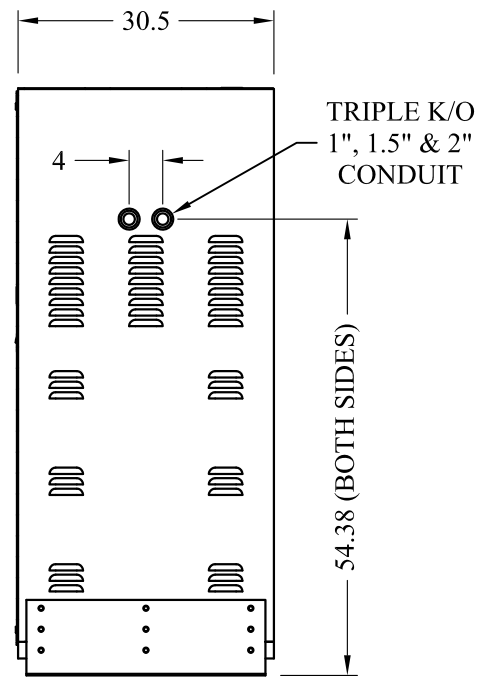
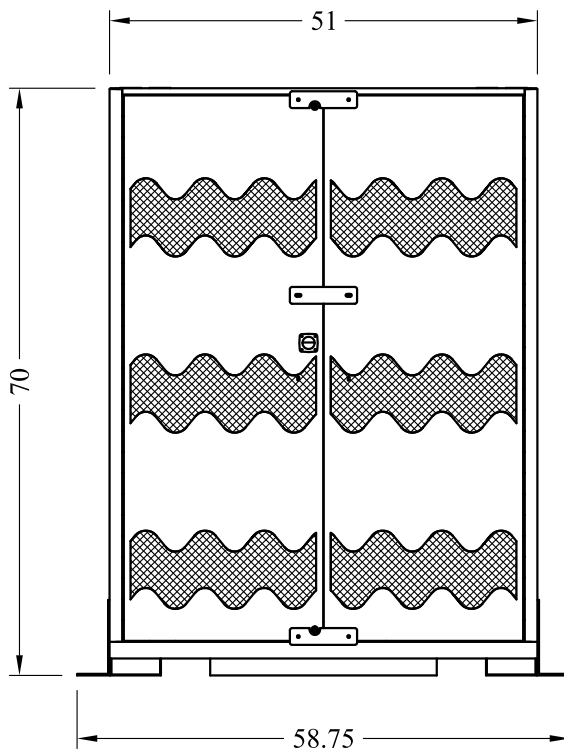
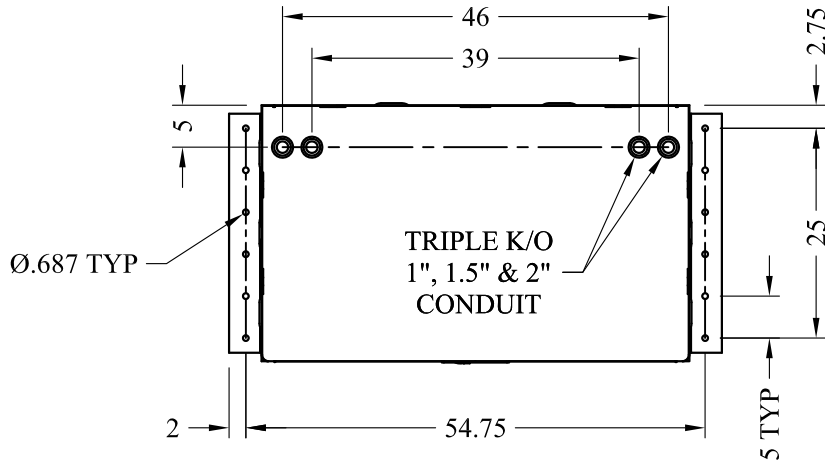
NOTES:

1) DEPENDING ON THE BATTERY TYPE, 7.5 KW CAN BE IN EITHER 39" OR 51" WIDE CABINET.

STD VRLA BATTERY

CRUCIAL POWER PRODUCTS			
WAVE RIDER 1			
7.5KW, 10KW THRU 17KW			
DRAWN:	SHERRI	7/26/18	410-SV-TD-B
APPVD:	HENRY	7/26/18	
			REV A

OSHPD CERTIFIED INVERTER WITH 90 MIN BACKUP



OPTIONAL LONG LIFE BATTERY

NOTES:

- 1) 7.5KW CAN BE IN 39" OR 51" WIDE CABINET DEPENDING ON THE BATTERY TYPE.
- 2) 14KW THRU 17KW HAS 2 CABINETS, INVERTER CABINET & BATTERY CABINET.

CRUCIAL POWER PRODUCTS			
WAVE RIDER 1			
2.1KW THRU 17KW			
DRAWN:	SHERRI	9/11/19	410-SV-TD-C
APPVD:	HENRY	9/11/19	
			REV A

SIDE
MOUNT
PROVISION

BACK
MOUNTING
PROVISION



TO UPS P100 TERMINAL BLOCK
SEE INSTALLATION
INSTRUCTION SHIPPED
WITH THE ASSEMBLY

USE
BUMPER
FOR
CONSOL
INSTALL

Remote Status Panel displays the following:

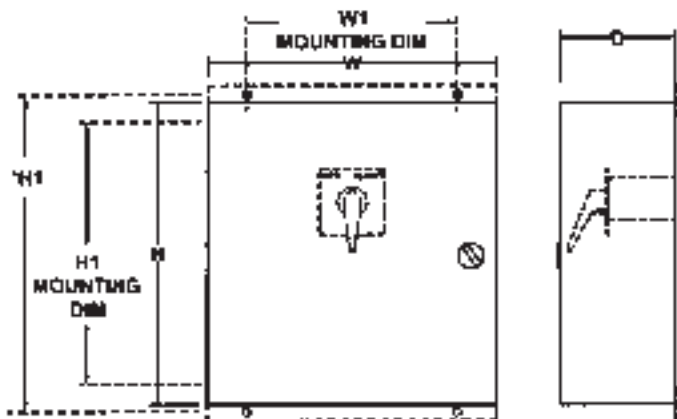
INPUT OK:	Input power is within acceptable range
INVERTER ON:	Inverter is on.
ON BYPASS:	Unit is on bypass mode.
ON BATT:	Unit is running from Battery.
LOW BATT:	Battery voltage is at low voltage before shutdown.
SUM ALARM:	Unit is on critical alarm such as: Over temperature, DC OV/UV.
HORN:	Audible warning for alarm condition.
SILENCE SWITCH:	Silences the audible warning.
LED TEST:	Tests the LED's by push in.



DISPLAY PANEL

REMOTE STATUS PANEL ASSEMBLY:
9100-1020-06: SINGLE PHASE
9100-1020-07: THREE PHASE

SINGLE PHASE MAKE BEFORE BREAK EXTERNAL WRAP AROUND BY-PASS SWITCH



PART NO.	AMP	ENCLOSURE SIZE "INCH"				
		W	H	D	W1	H1
3000-044	55 AMP	14	16	8	*12	*16.75
3000-045	110 AMP	14	16	10	*12	*16.75

ENCLOSURE DIM'S

- 1) SWITCH CONTACTS ARE SINGLE PHASE L-NEUTRAL "MAKE BEFORE-BREAK".
- 2) CONTACTS MARKED "UPS" ARE CLOSED IN THE "UPS" POSITION.
- 3) CONTACTS MARKED "MAINT" ARE CLOSED IN THE "MAINT" POSITION.
- 4) WRAP AROUND BY-PASS SWITCH SHOULD BE USED WITH SAME INPUT/OUTPUT VOLTAGE.
- 5) WRAP AROUND BY-PASS SWITCH CAN ONLY BE USED WITHOUT ANY BUILT IN SECONDARY DISTRIBUTION CIRCUIT BREAKERS IN UPS.

DRAWING:

1. www.criticalpower.com

CPP CRUCIAL POWER PRODUCTS

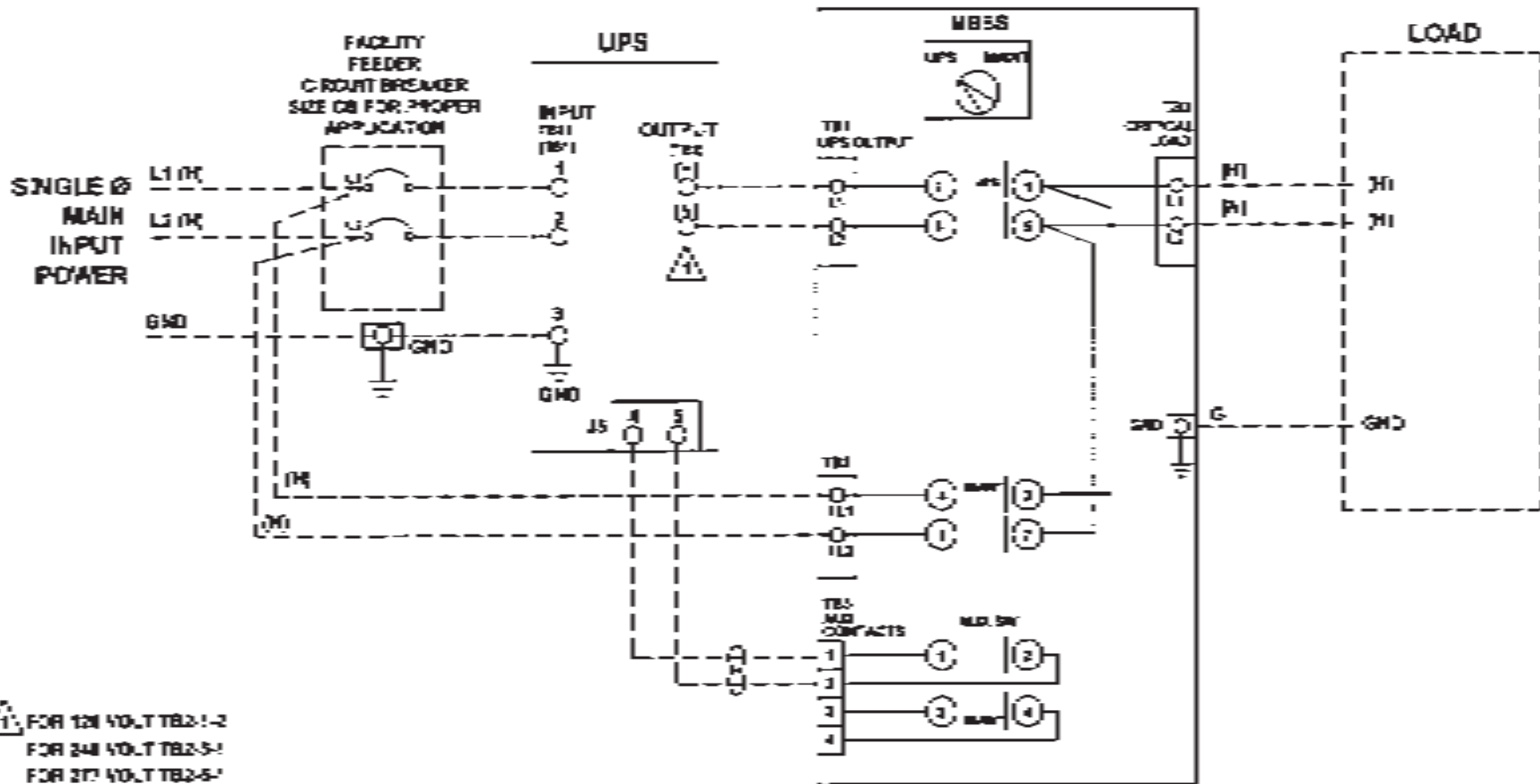
SINGLE PHASE (SELECTION CHART)
EXTERNAL WRAP AROUND
BY-PASS PANEL 55AMP-110AMP

5

5001-032-31

C1

SINGLE PHASE MAKE BEFORE BREAK EXTERNAL WRAP AROUND BY-PASS SWITCH



REVISIONS:

DATE: _____

BY: _____

CRUCIAL POWER PRODUCTS

SINGLE PHASE (WIRING DIAGRAM)
EXTERNAL WRAP AROUND
BYPASS PANEL 55AMP-115AMP

3 6801-353-2-1-S C1