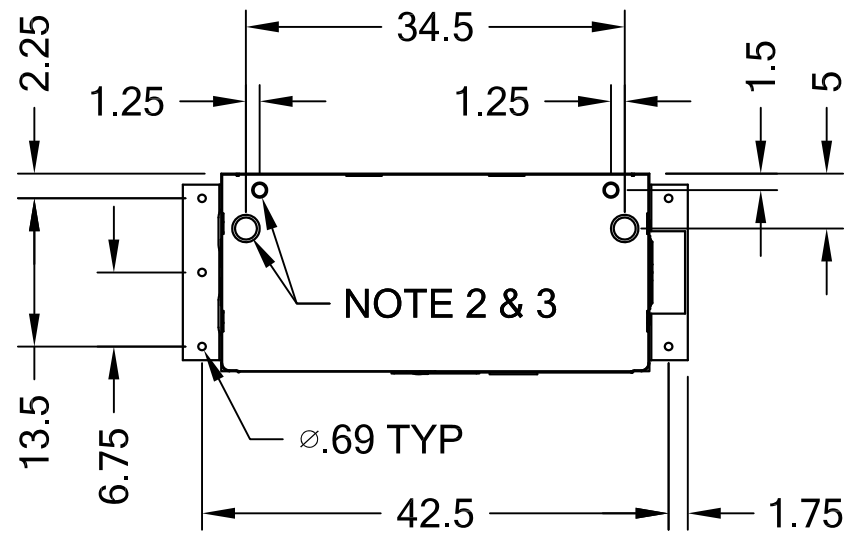
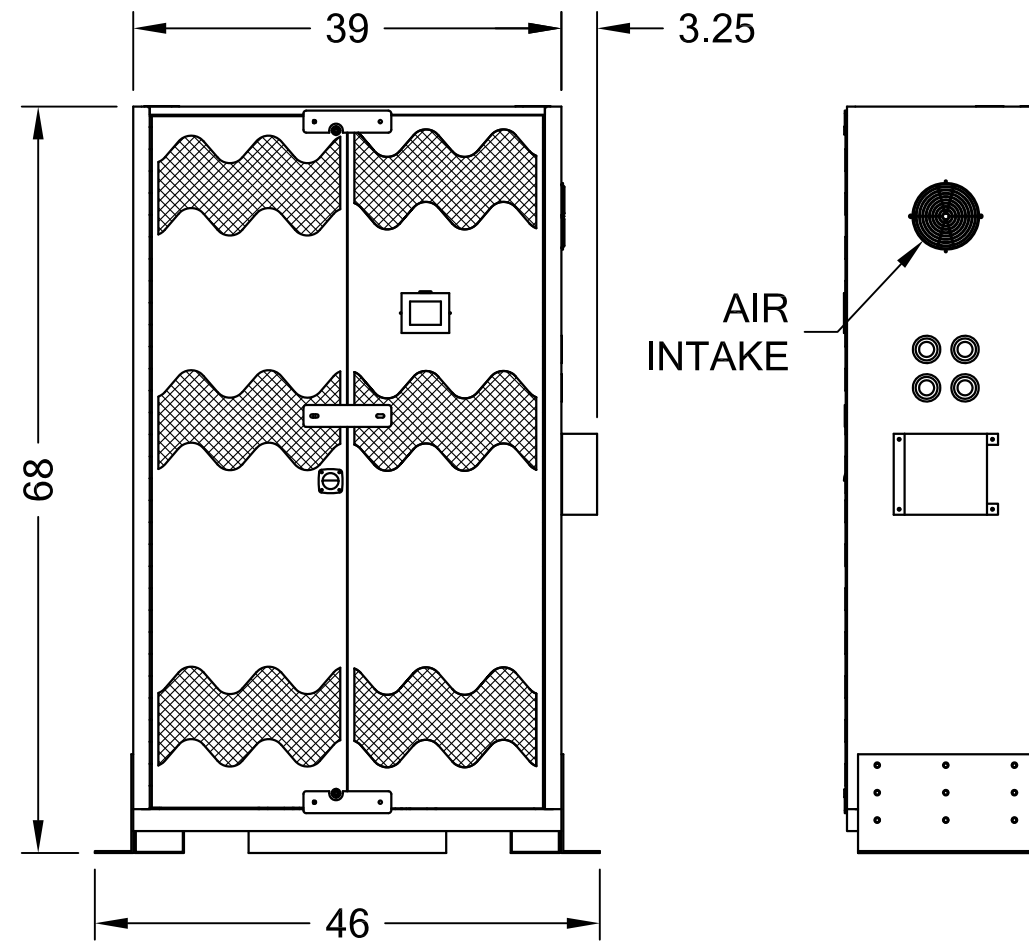
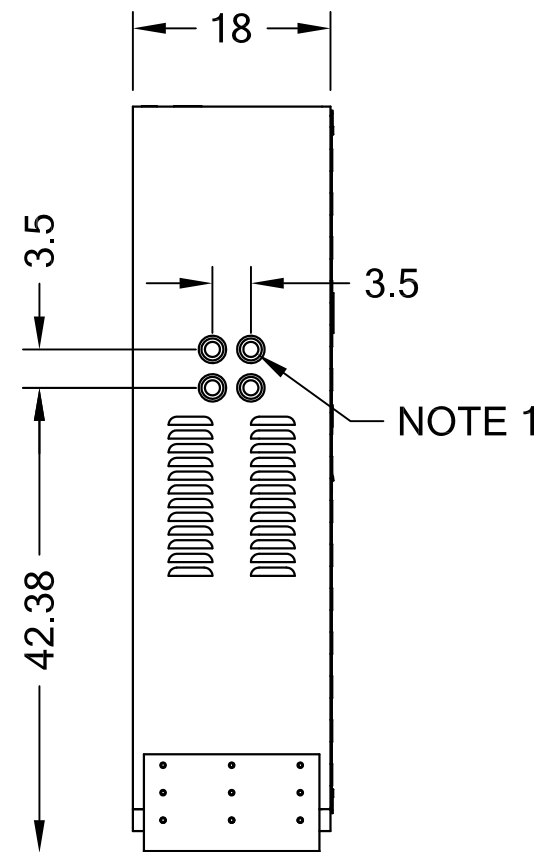


REVISION				
REV	ECO	DESCRIPTION	DATE	APPROVED
X1		PRELIMINARY	2/23/17	H.B.



NOTES:

- 1) TRIPLE KNOCKOUT FOR 1", 1.5" AND 2" CONDUIT.
- 2) DOUBLE KNOCKOUT FOR 3/4" AND 1" CONDUIT.
- 3) DOUBLE KNOCKOUT FOR 1.5" AND 2" CONDUIT.
- 4) CONSTRUCTION: INDOOR, OSHPD RATED.
- 5) FINISH: COLOR BLACK.



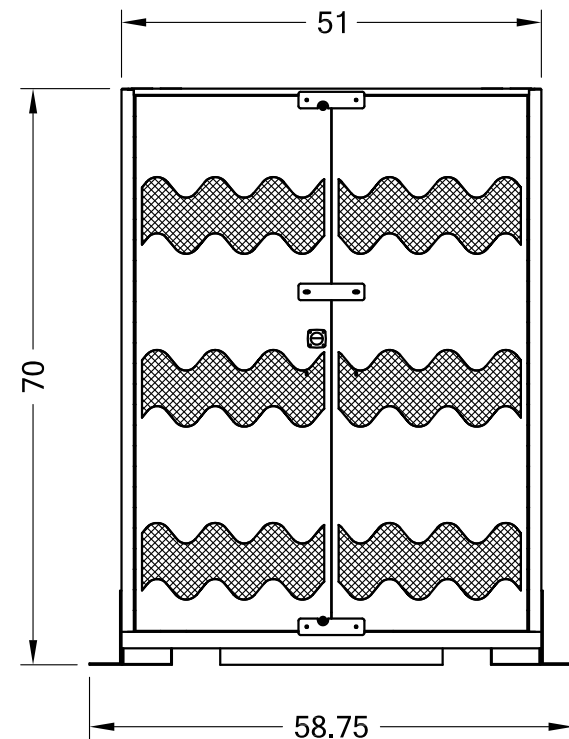
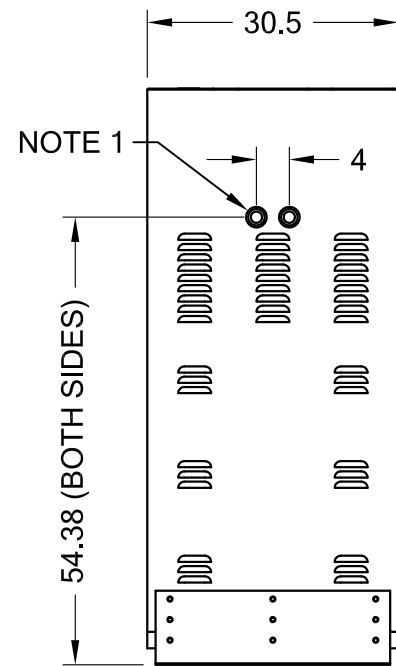
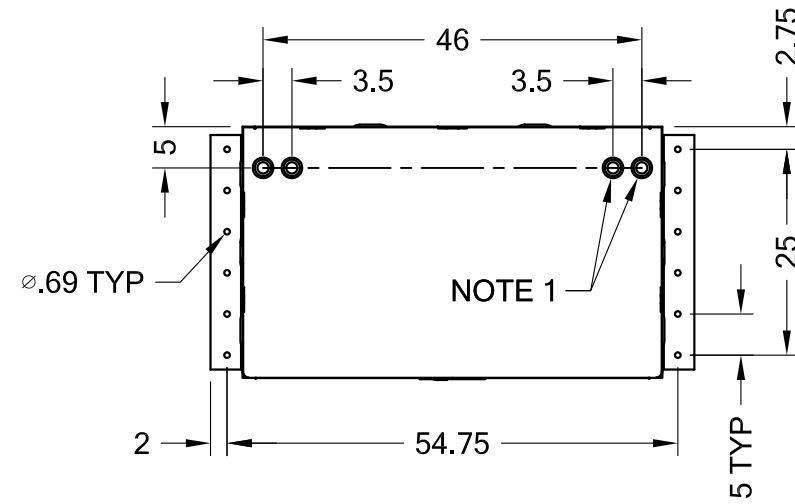
**INVERTER CABINET**

- 10KVA (8KW)
- 15KVA (12KW)
- 20KVA (16KW)
- 25KVA (20KW)
- 30KVA (24KW)
- 40KVA (32KW)
- 50KVA (40KW)
- 50KW

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS    FRACTIONS    ANGLES .XX ± .03       ± 1/64       ± 1/2° .XXX ± .010		<b>CRUCIAL POWER PRODUCTS</b> LOS ANGELES, CA	
DRWN: HAI NGUYEN		2/23/17	
CHKD: HAI NGUYEN		2/23/17	
APPVD: H. BAIK		2/23/17	
TITLE 3 PH INVERTER, 90 MIN. OSHPD CERTIFIED		REV X1	
SIZE B	DWG 6001-381C	SCALE:	EST. WT:
SHT 1 OF 3		SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE	

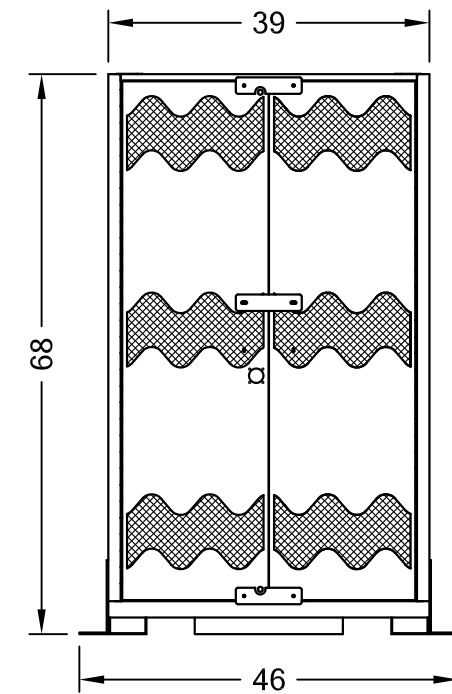
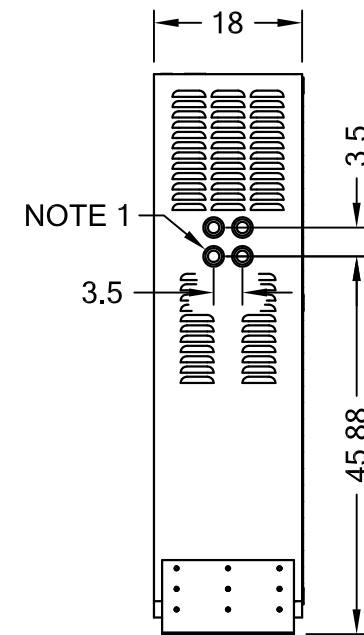
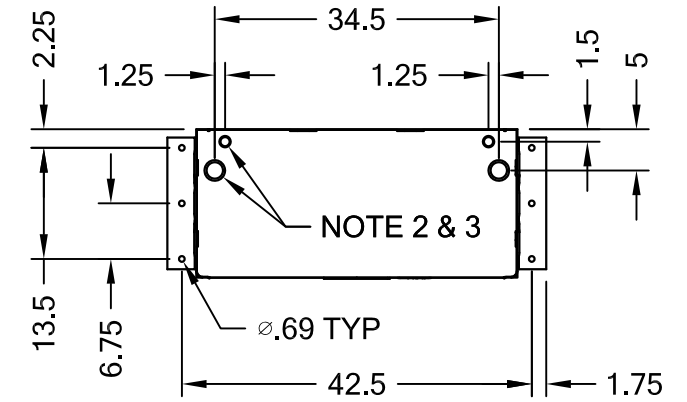
### BATTERY CABINET

15KVA (12KW)  
20KVA (16KW)  
25KVA (20KW)  
30KVA (24KW)  
40KVA (32KW)  
50KVA (40KW)  
50KW



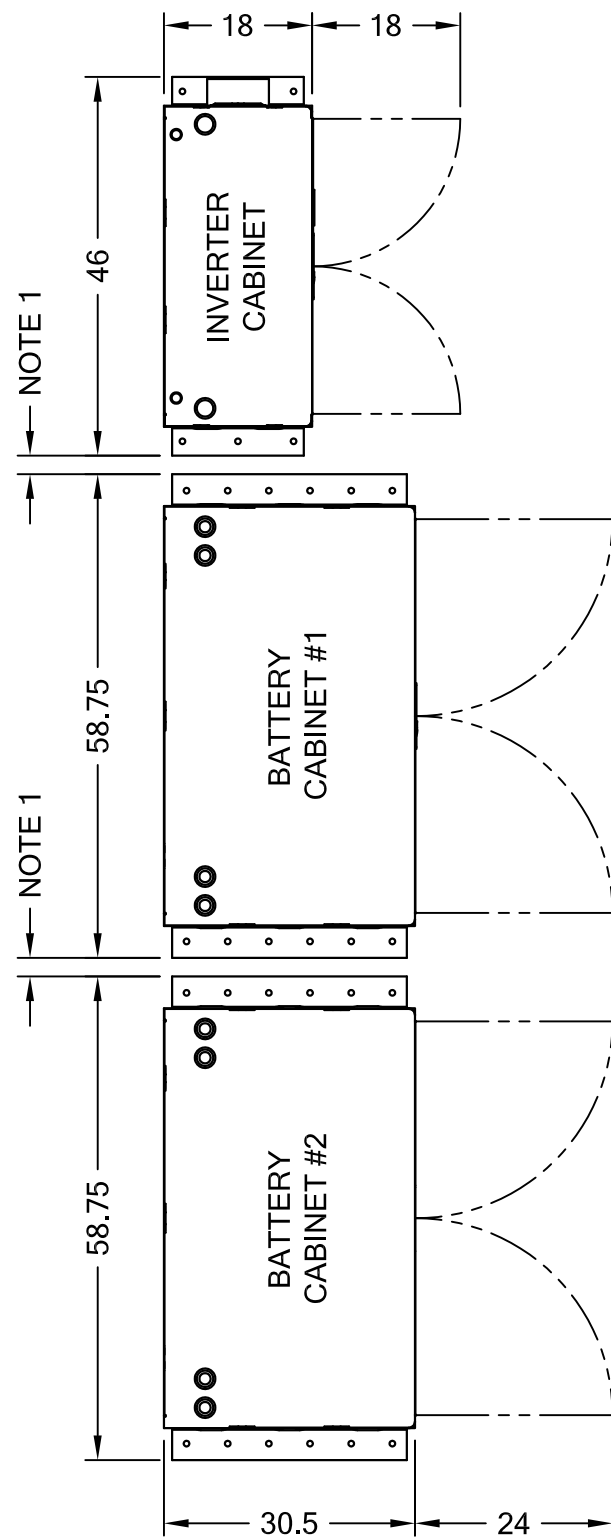
### BATTERY CABINET

10KVA (8KW)

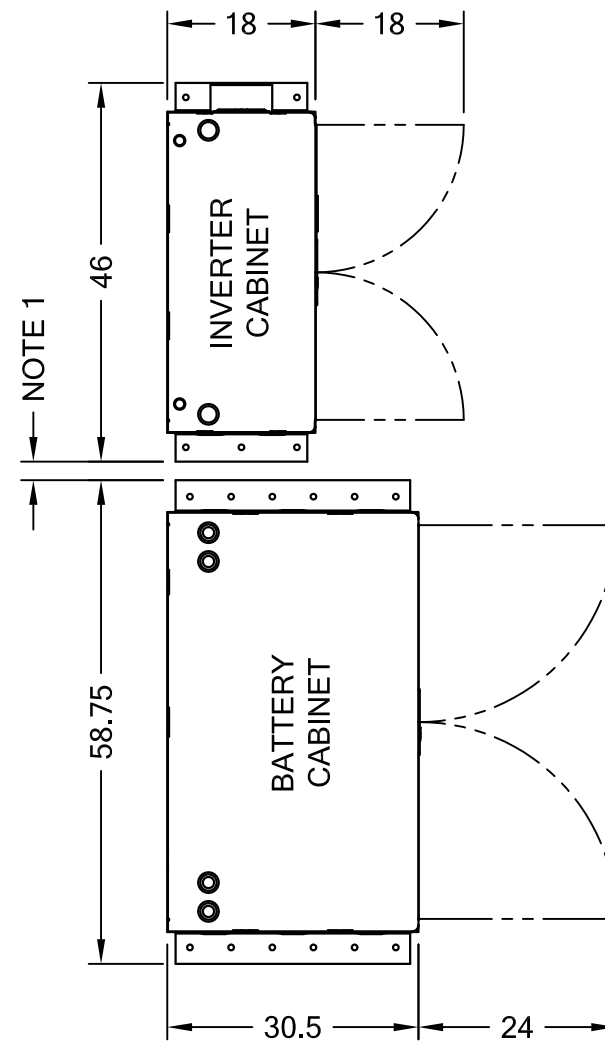


NOTES:

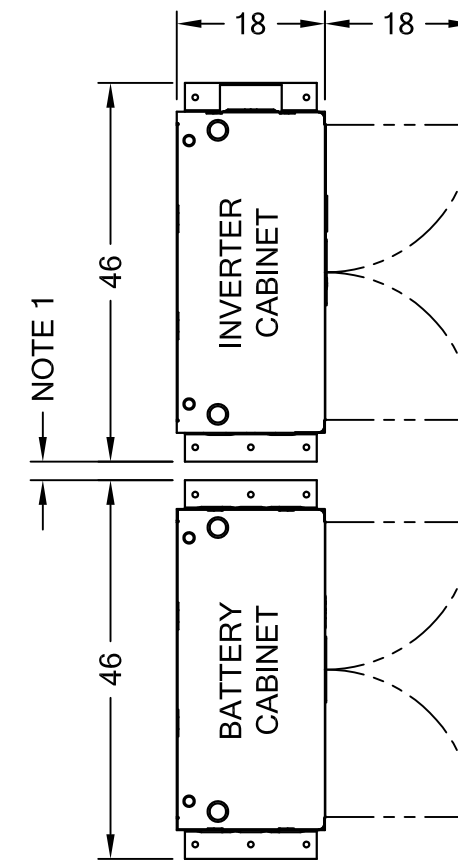
- 1) TRIPLE KNOCKOUT FOR 1", 1.5" AND 2" CONDUIT.
- 2) DOUBLE KNOCKOUT FOR 3/4" AND 1" CONDUIT.
- 3) DOUBLE KNOCKOUT FOR 1.5" AND 2" CONDUIT.



40KVA (32KW)  
50KVA (40KW)  
50KW



15KVA (12KW)  
20KVA (16KW)  
25KVA (20KW)  
30KVA (24KW)

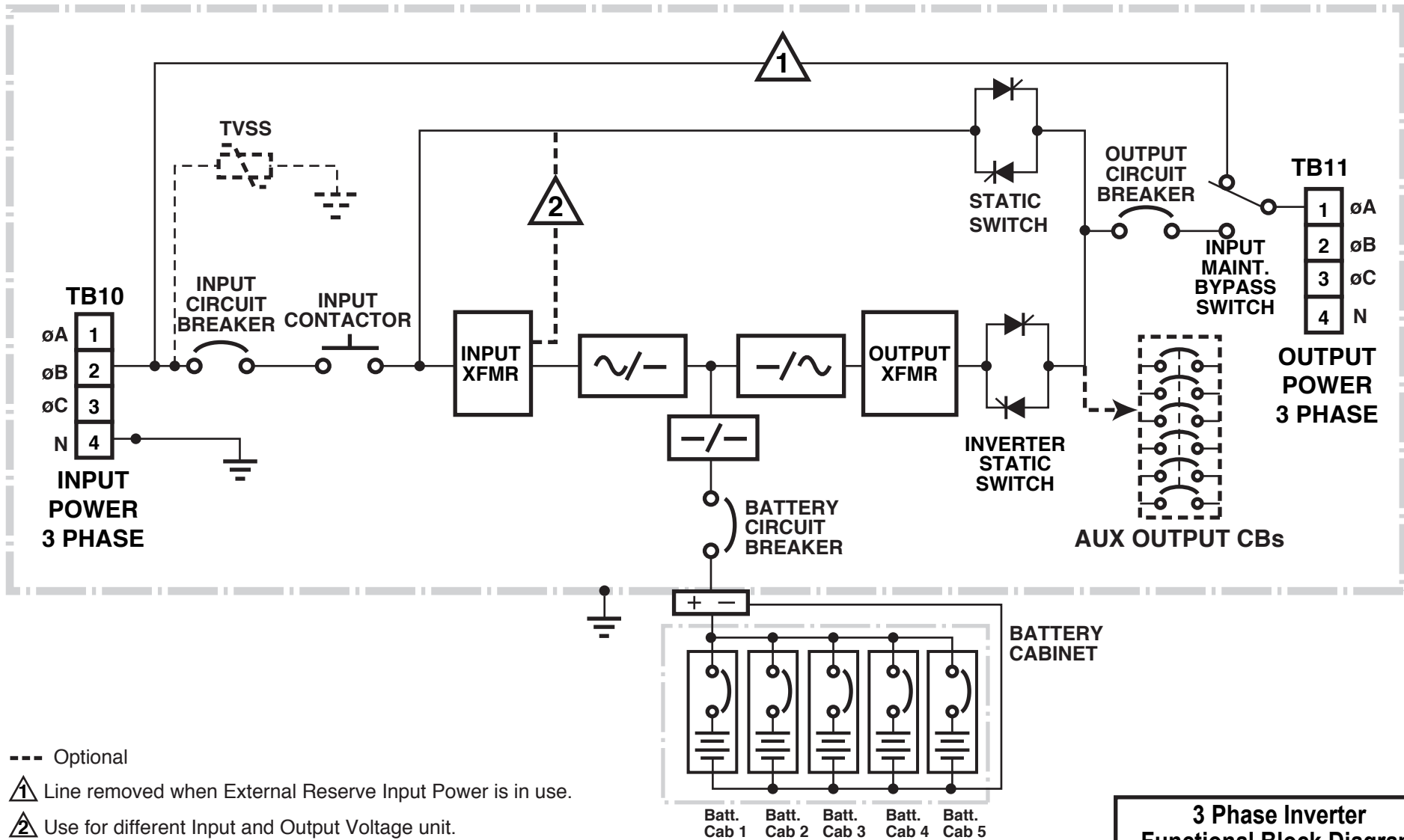


10KVA (8KW)

NOTE(S):

1) OPTIONAL SPACING, NOT REQUIRED BY MFG.

SIZE B	DWG 6001-381C	REV X1
SCALE:	EST. WT:	SHT 3 OF 3



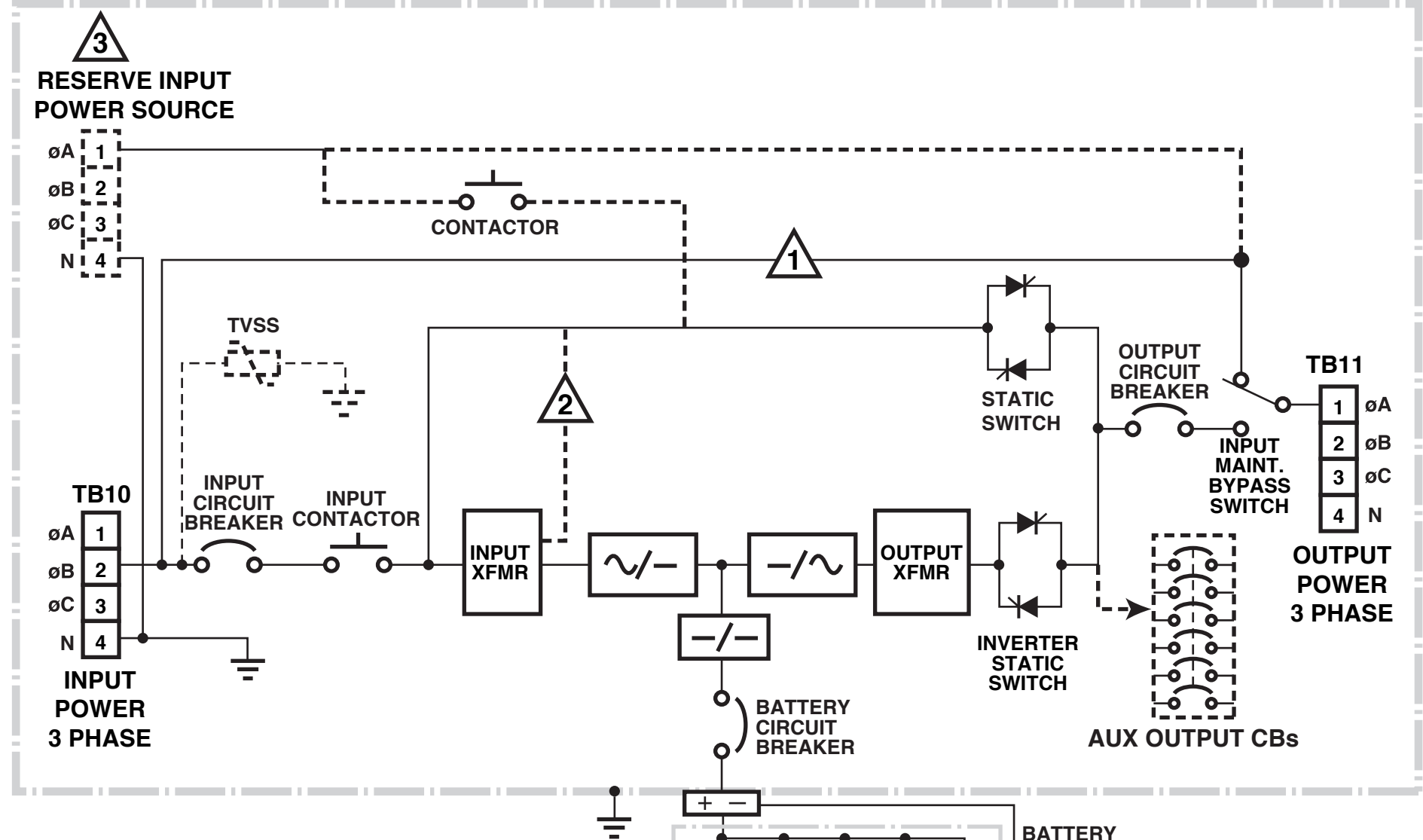
--- Optional

⚠ Line removed when External Reserve Input Power is in use.

⚠ Use for different Input and Output Voltage unit.

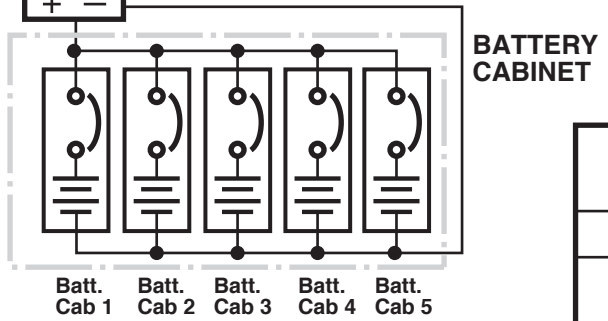
**NOTE:** Optional External Wrap-around Bypass Switch is available.

3 Phase Inverter Functional Block Diagram	
Single Input	CPP4604B

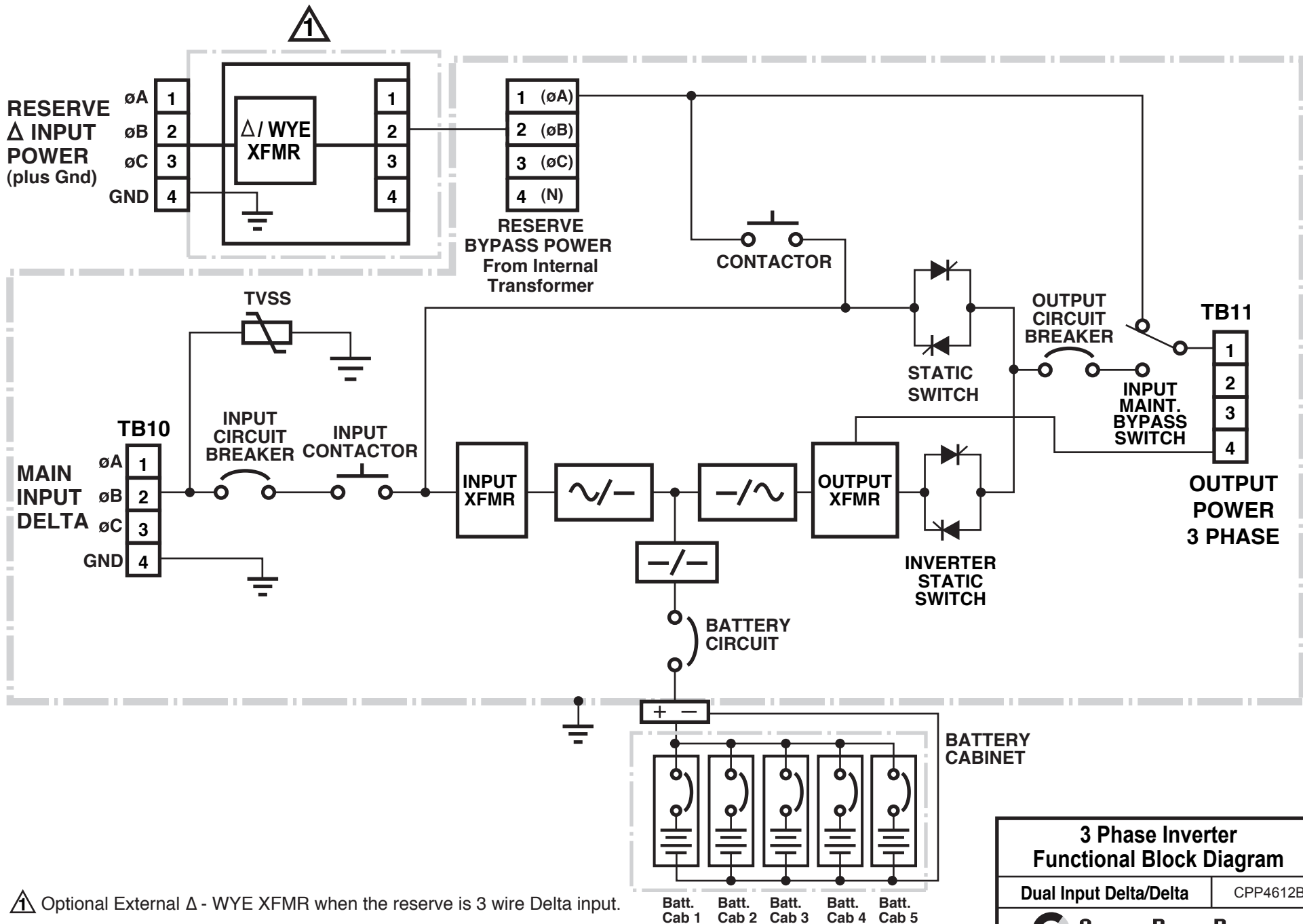


- Optional
- ① Line removed when External Reserve Input Power is in use.
- ② Use for different Input and Output Voltage unit.
- ③ Reserve input voltage must be same as Inverter output voltage.

**NOTE:** Optional External Wrap-around Bypass Switch is available.



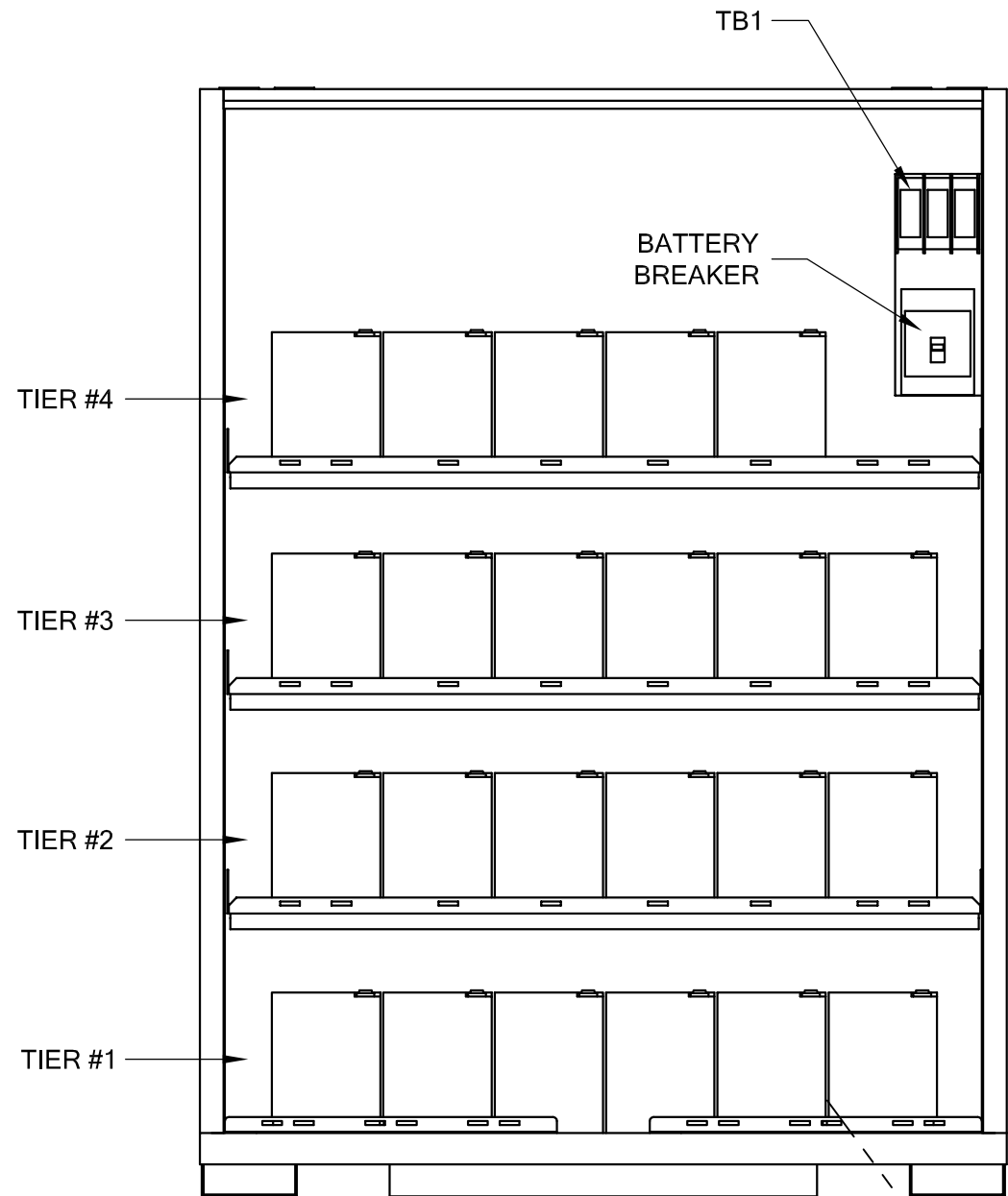
3 Phase Inverter Functional Block Diagram	
Dual Input Wye/Wye	CPP4605C
<b>CPP CRUCIAL POWER PRODUCTS</b>	



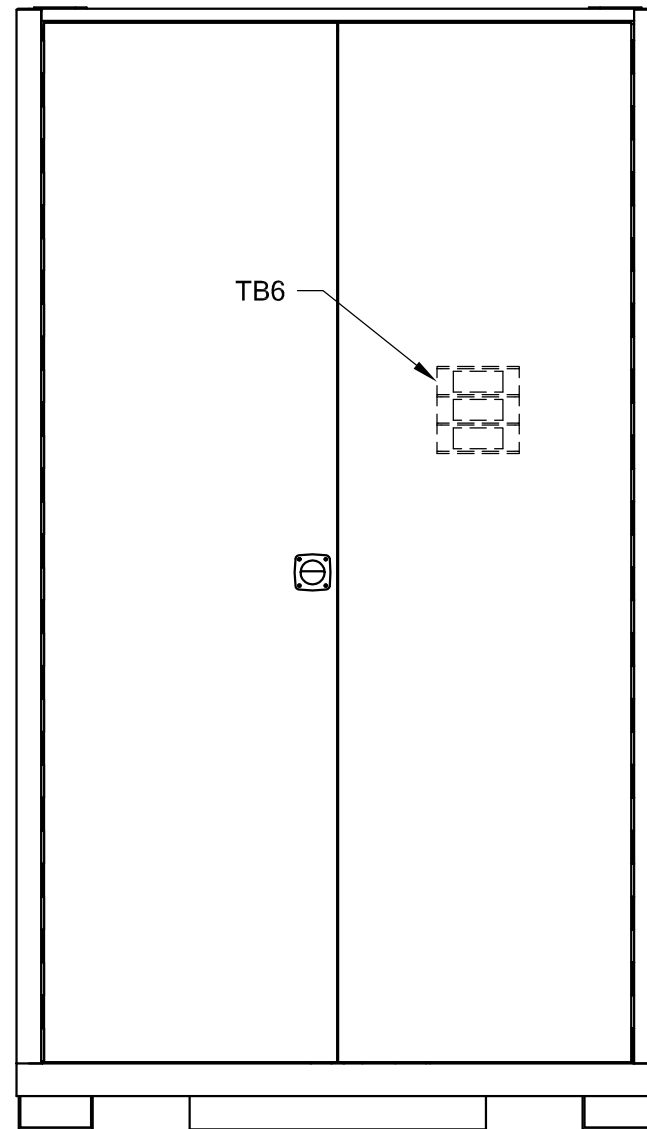
⚠ Optional External Δ - WYE XFMR when the reserve is 3 wire Delta input.

<b>3 Phase Inverter Functional Block Diagram</b>	
Dual Input Delta/Delta	CPP4612B
<b>CPP CRUCIAL POWER PRODUCTS</b>	

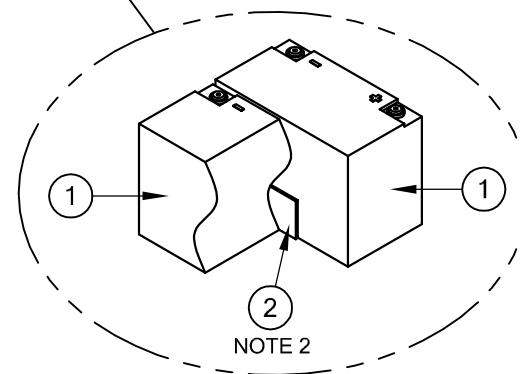
REVISION				
REV	ECO	DESCRIPTION	DATE	APPVD
A	11078	RELEASE	2/18/16	



BATTERY CABINET  
#1 AND #2



INVERTER  
CABINET



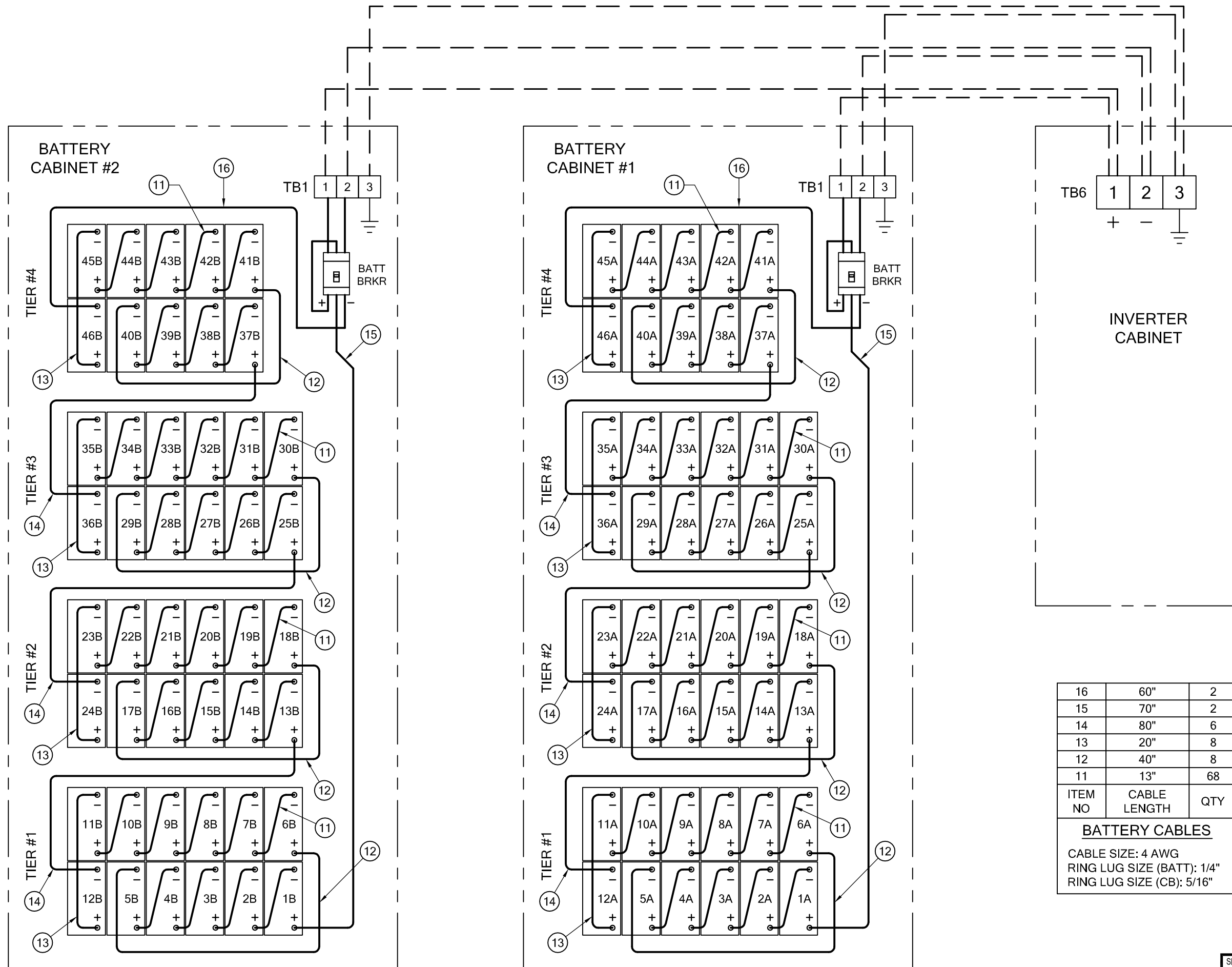
NOTES:

- 1) POSITION ALL BATTERIES AS SHOWN.
- 2) PLACE SPACER (ITEM 2) IN BETWEEN THE LONG SIDE OF BATTERIES.
- 3) CAREFULLY OBSERVE BATT POLARITY WHEN MAKING BATTERY CONNECTION.
- 4) ALL CONNECTIONS SHOWN IN DOTTED LINES TO BE PROVIDED BY CUSTOMER.
- 5) MAX. DC CURRENT: 150 AMPS
- 6) BATTERY STRINGS:  
STRING A = BATTERY 1A THRU 46A  
STRING B = BATTERY 1B THRU 46B
- 7) LABEL BATTERY NUMBERS AS SHOWN.
- 8) BATTERY TORQUE: 100 IN-LBS.

ITEM 3 THRU ITEM 10 ARE NOT BEING USED			
ITEM	PART NO	DESCRIPTION	QTY
2	5008-806	BATTERY SPACER	76
1	UNA12-420	BATTERY	92

PARTS LIST

TITLE					
BATTERY CONNECTION DIAGRAM 2 STRINGS OF 46 EACH					
CADD:	HN	2/18/16	SIZE	DWG	REV
CHKD:	HN	2/18/16	B	6005-400	A
APPVD:	H. BAIK	2/18/16	SCALE:	EST. WT:	SHT 1 OF 2



ITEM NO	CABLE LENGTH	QTY
16	60"	2
15	70"	2
14	80"	6
13	20"	8
12	40"	8
11	13"	68

**BATTERY CABLES**

CABLE SIZE: 4 AWG  
RING LUG SIZE (BATT): 1/4"  
RING LUG SIZE (CB): 5/16"