

[800] 31.5

[864] 34.0

Notes: Unless otherwise specified, dimensions are in inches. Dimensions within brackets [ ] are in millimeters.  
 Recommended clearance for serviceability is 36" [914] in the front and 6" [152] on the remaining sides.

**LTI Power Systems, Inc.**

TEL. (440) 327-5050

10800 Middle Ave. Elyria, Ohio 44035

ProUPS B800 ENCLOSURE  
15KVA

15KVA WEIGHT W/SKID: 1360 LBS. (612 kg)

LTI-ProUPS

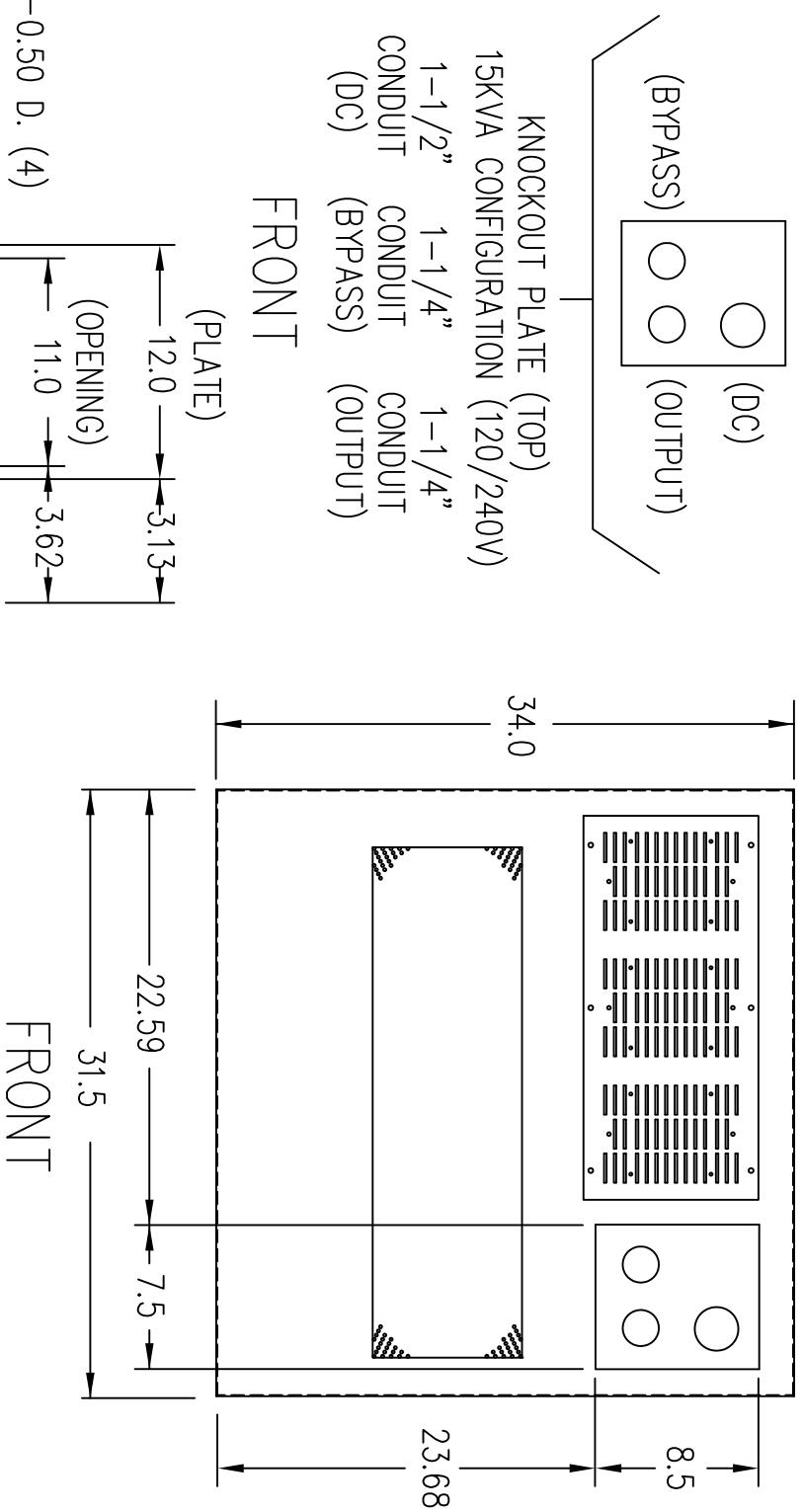
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REV.

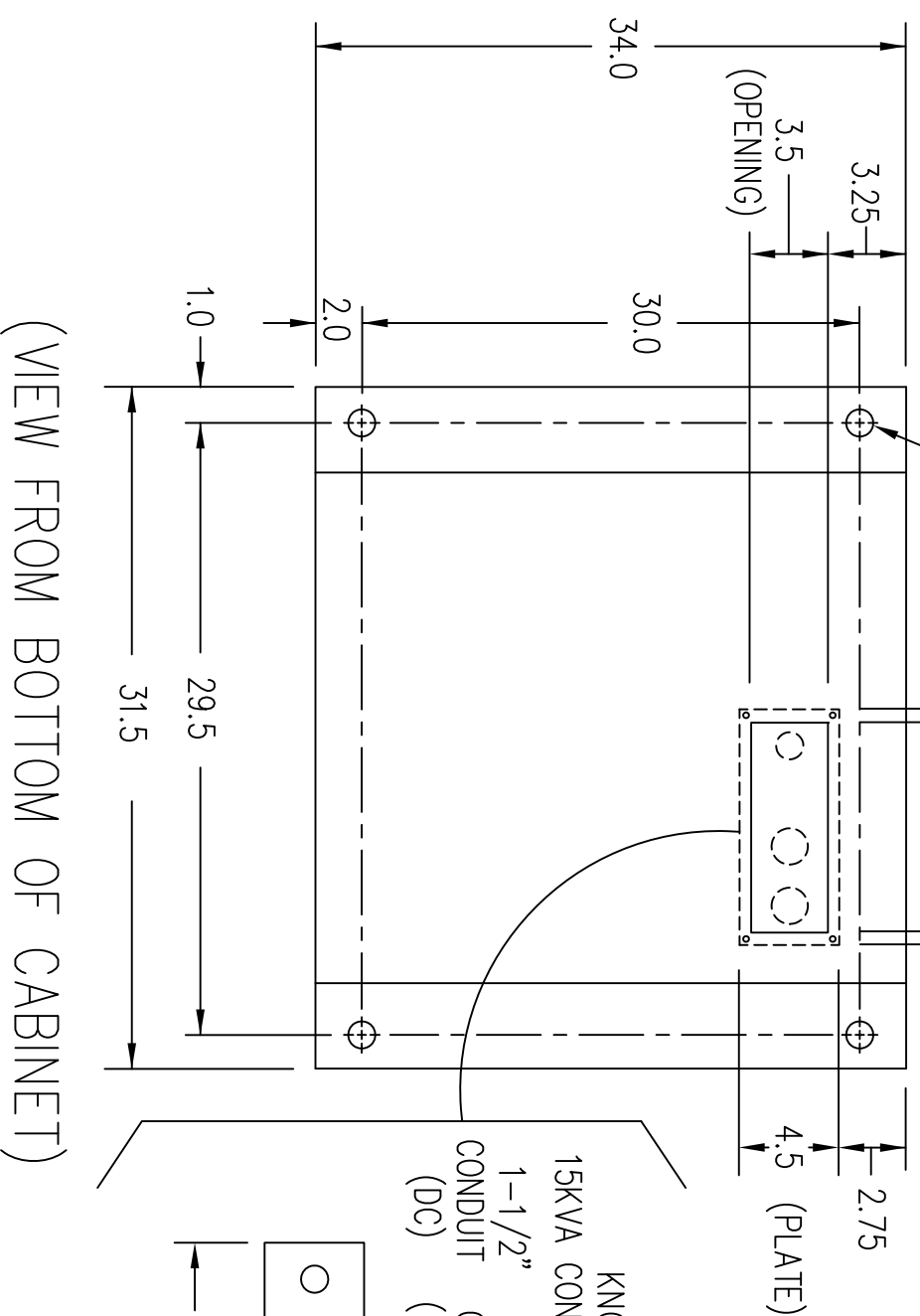
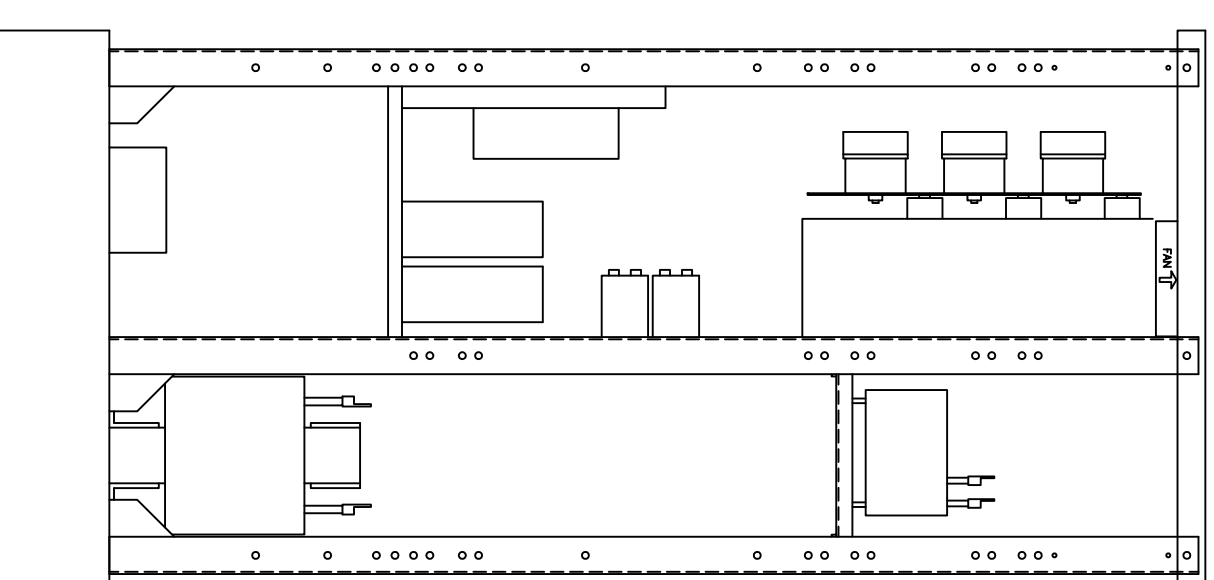
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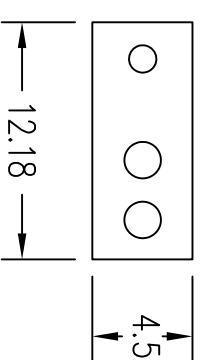
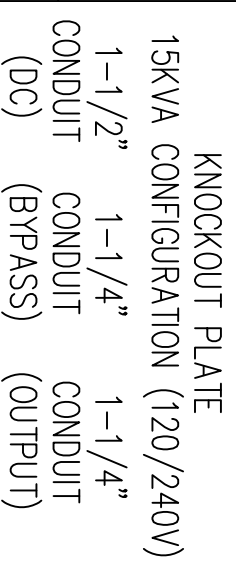
(VIEW FROM TOP OF CABINET)



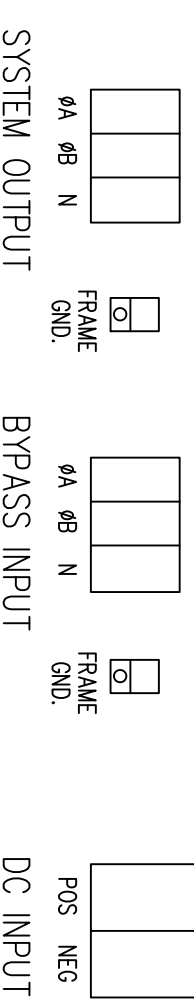
RIGHT SIDE



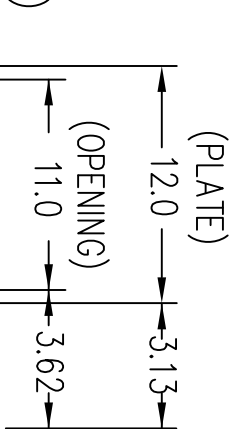
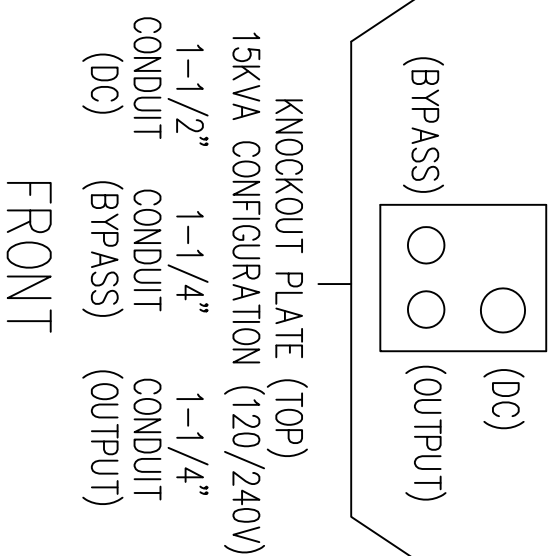
(VIEW FROM BOTTOM OF CABINET)



TERMINATION CONFIGURATION (BOTTOM, FRONT)  
 TERMINAL BLOCK CAPACITY: 2/0 TO 14 GA.  
 TERMINAL BLOCK CAPACITY (DC INPUT): 350 MCM TO 6 GA.  
 GND. LUG CAPACITY: 1/0 TO 14 GA.



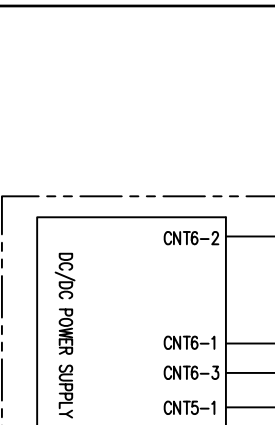
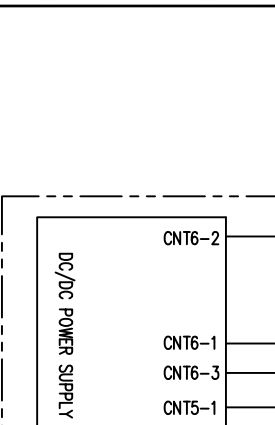
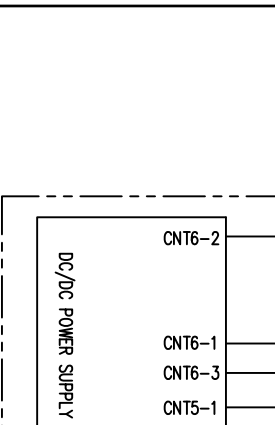
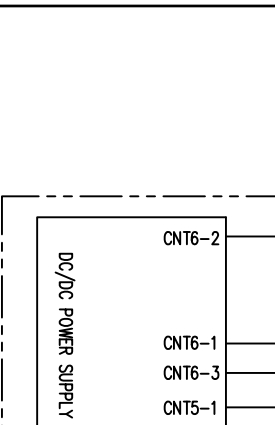
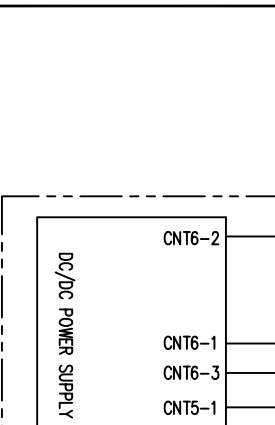
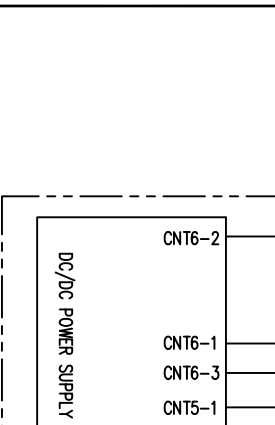
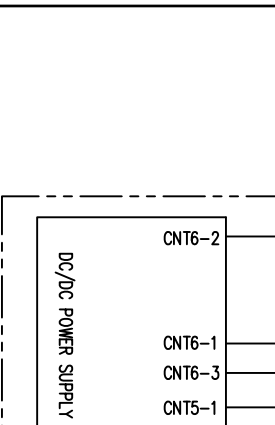
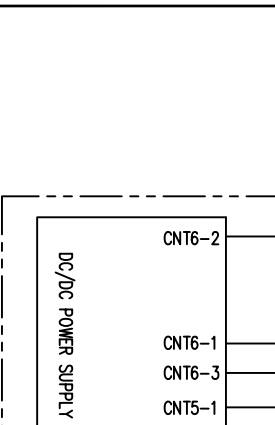
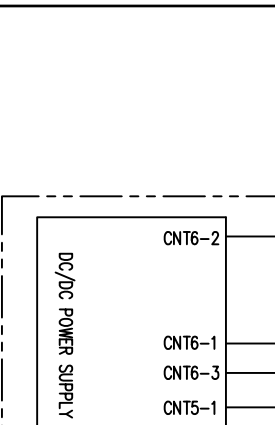
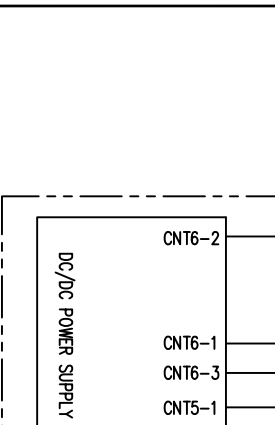
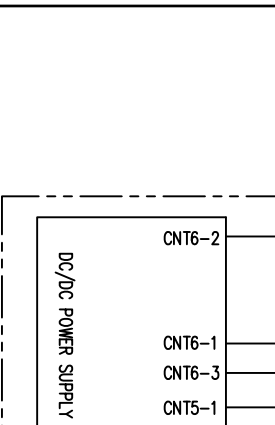
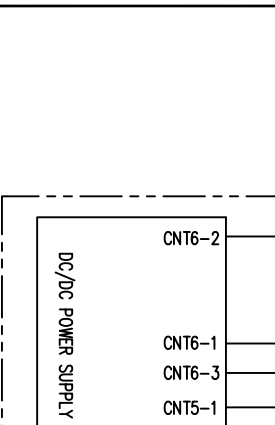
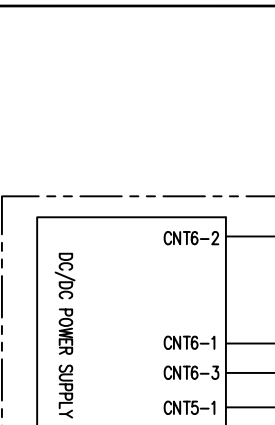
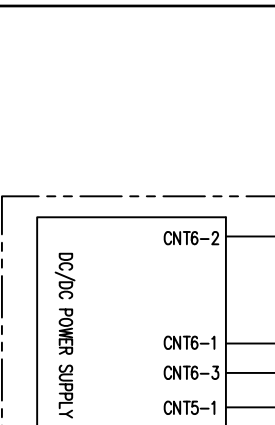
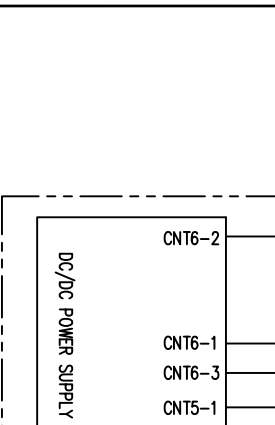
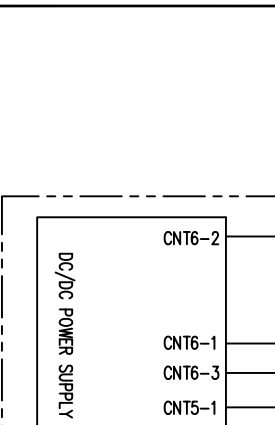
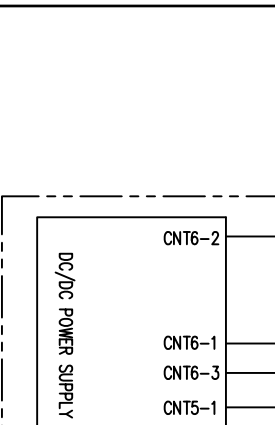
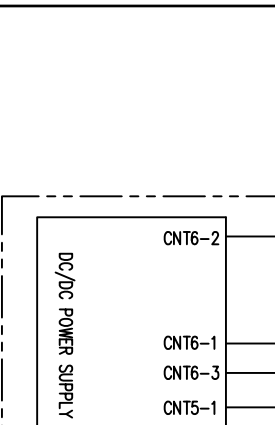
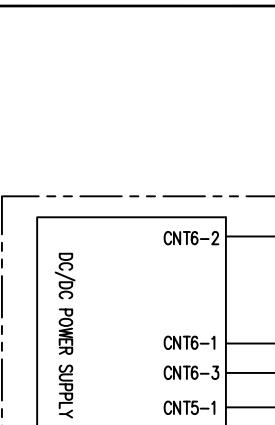
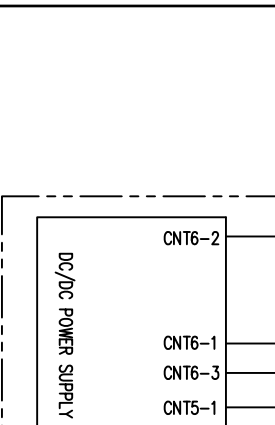
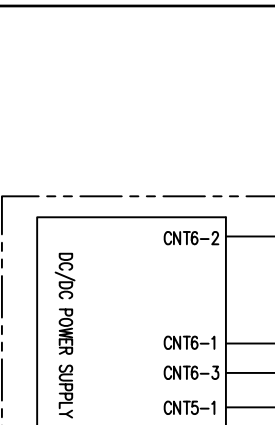
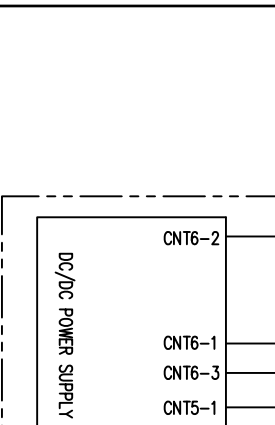
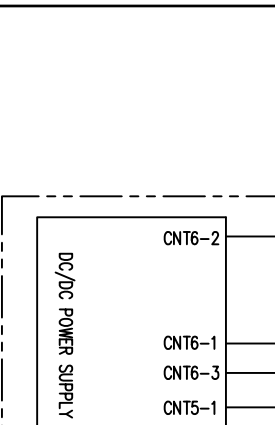
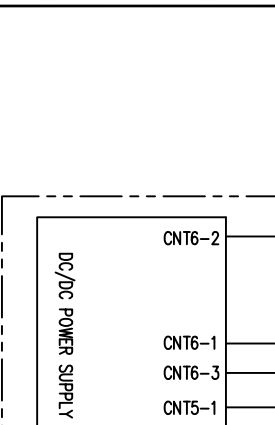
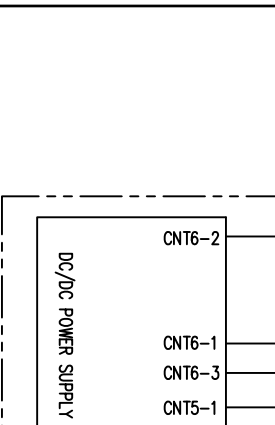
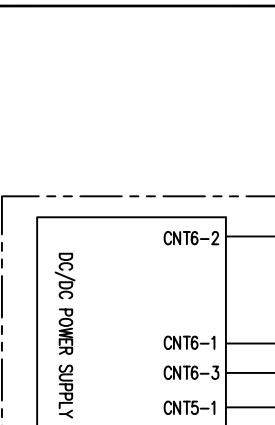
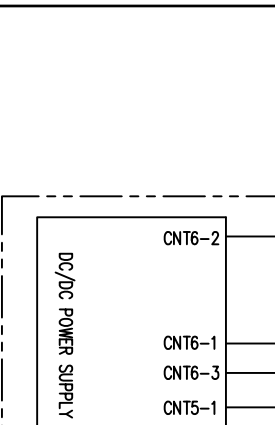
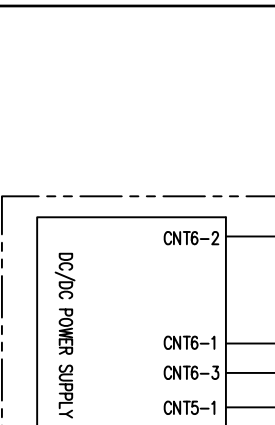
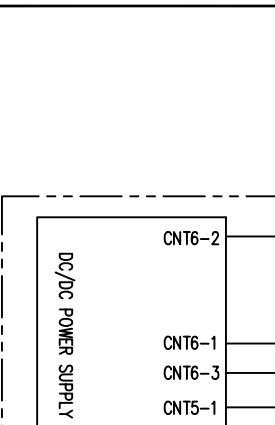
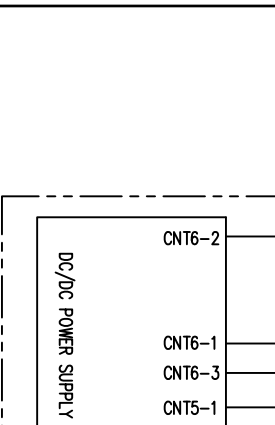
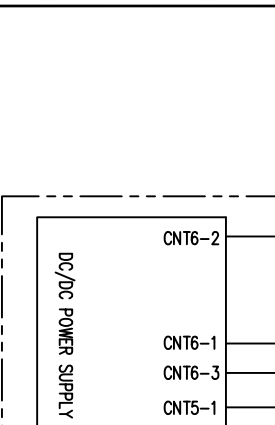
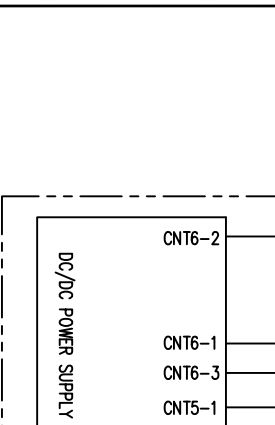
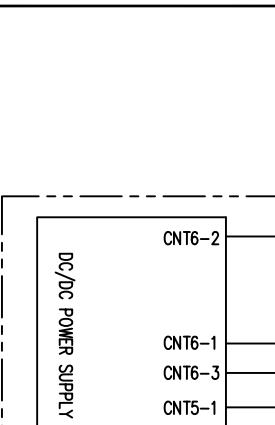
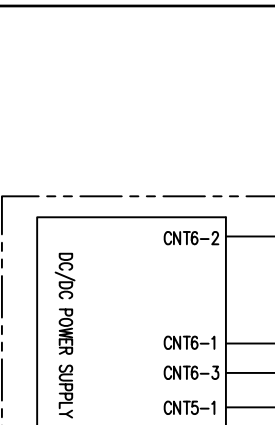
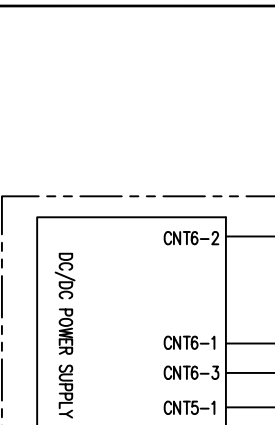
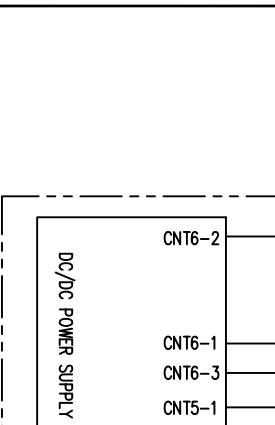
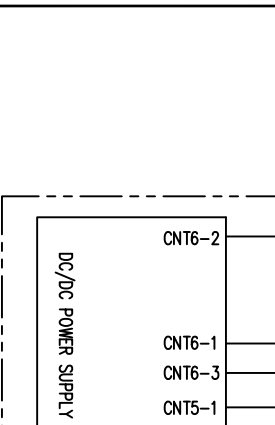
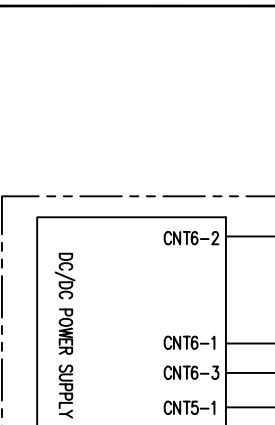
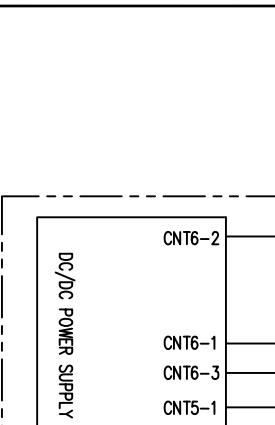
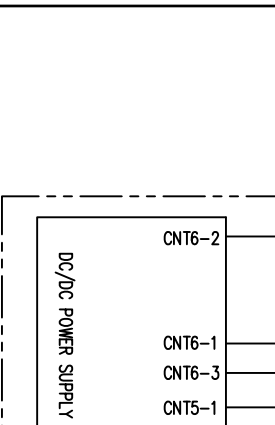
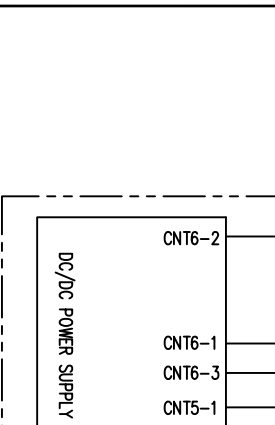
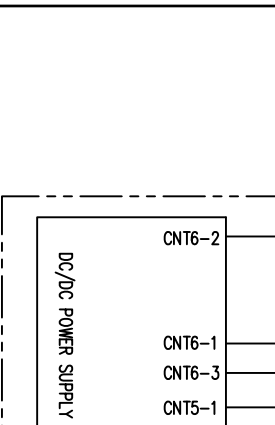
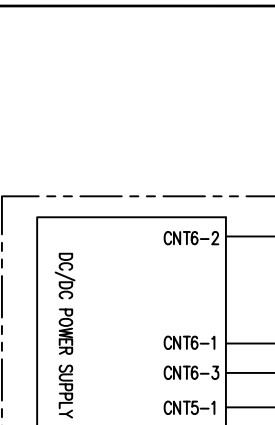
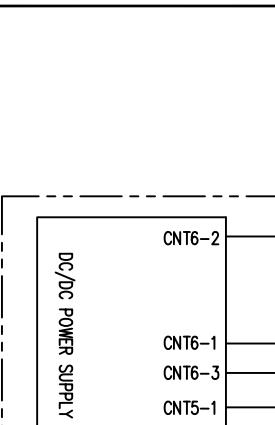
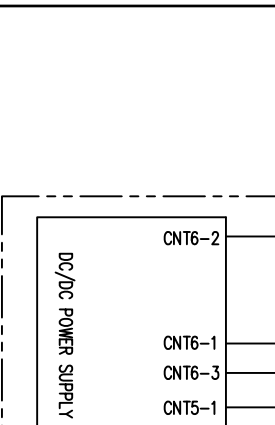
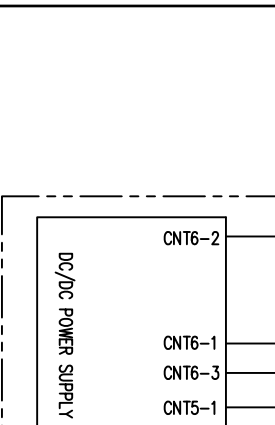
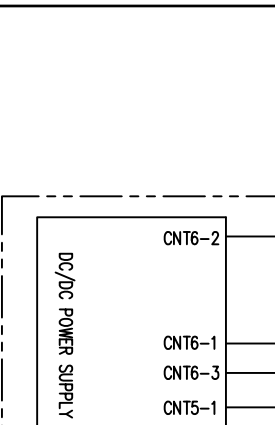
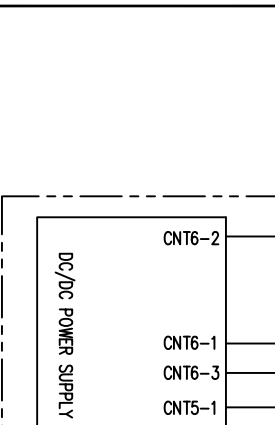
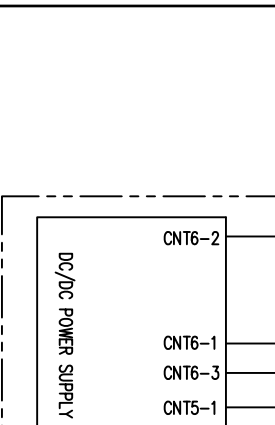
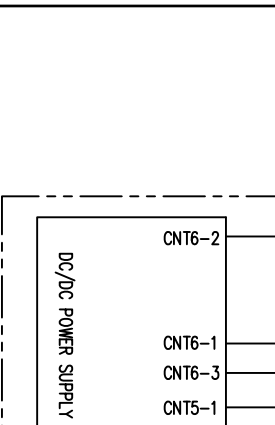
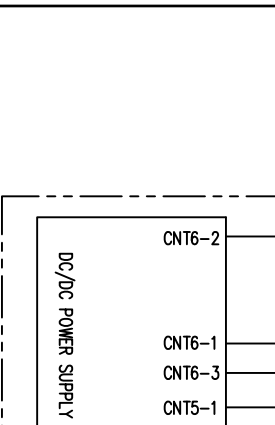
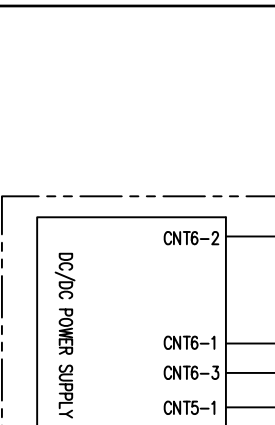
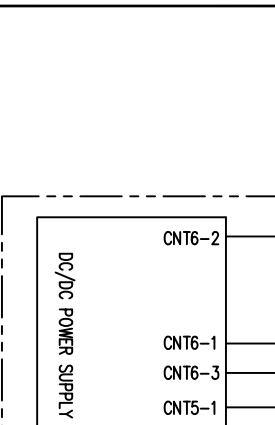
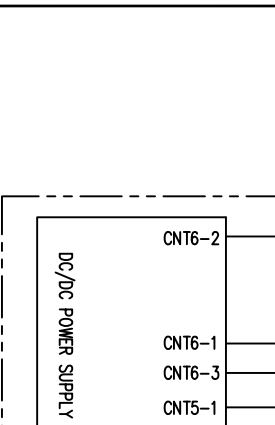
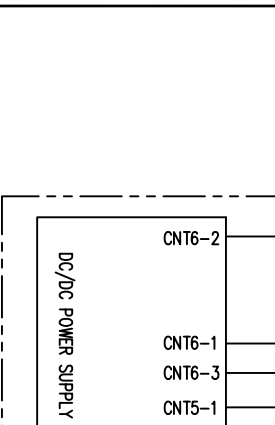
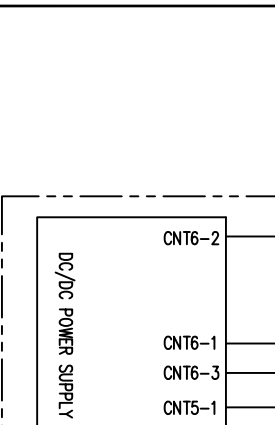
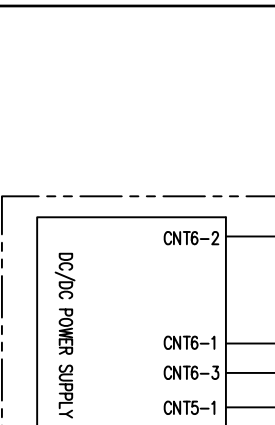
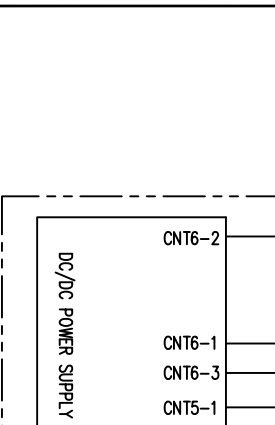
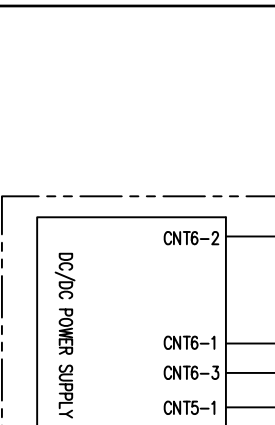
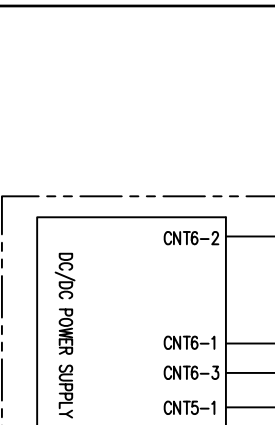
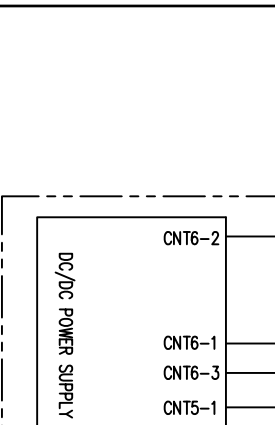
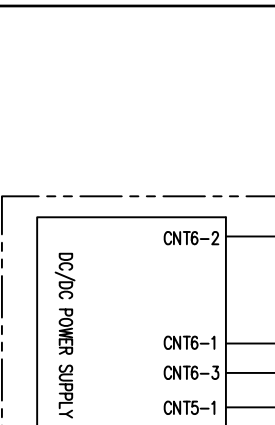
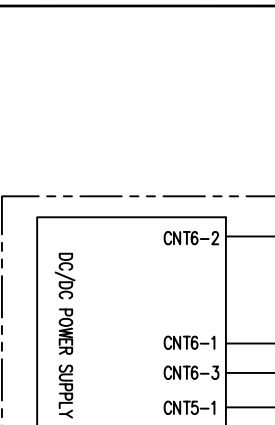
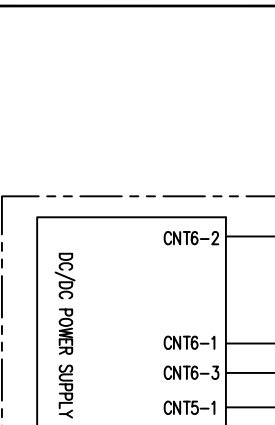
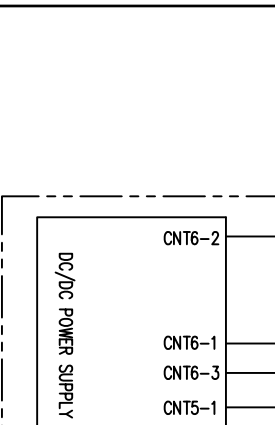
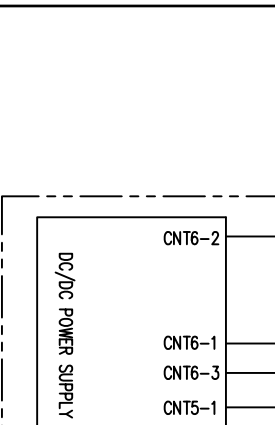
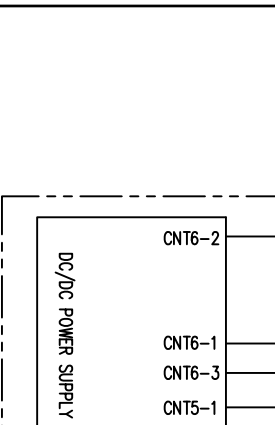
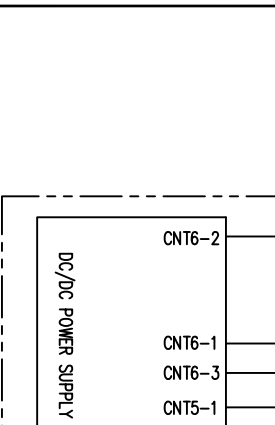
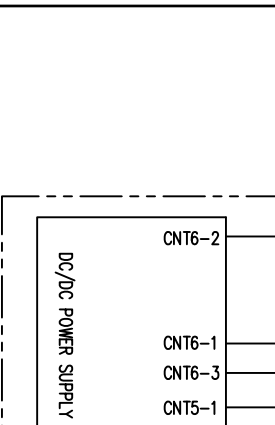
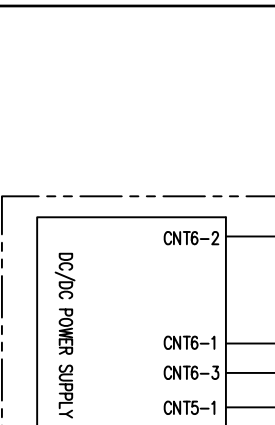
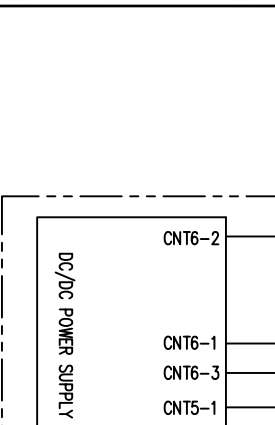
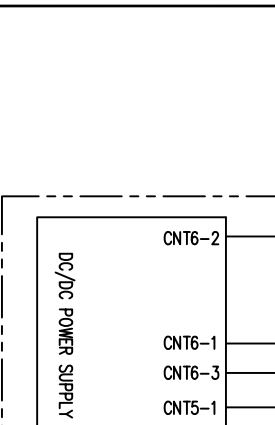
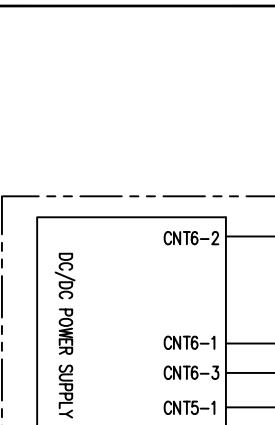
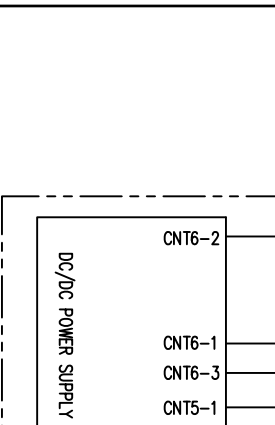
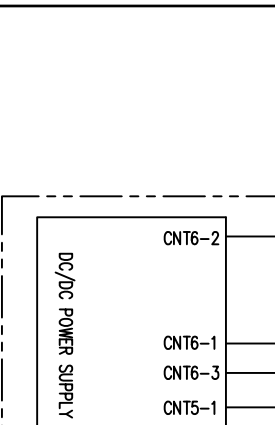
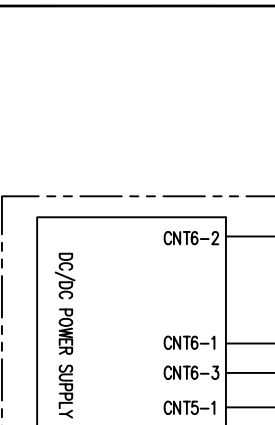
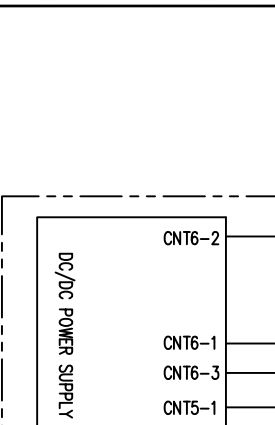
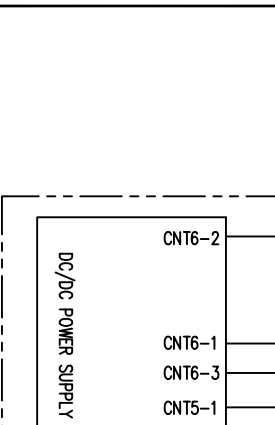
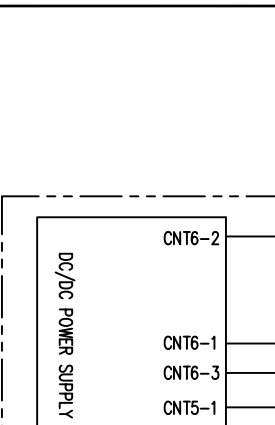
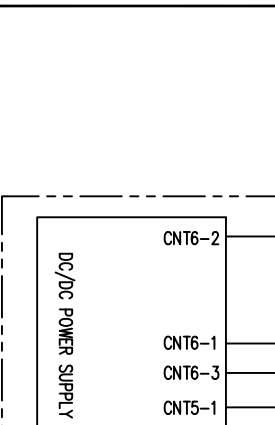
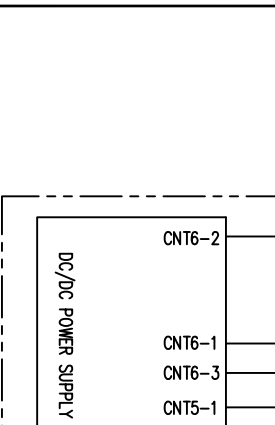
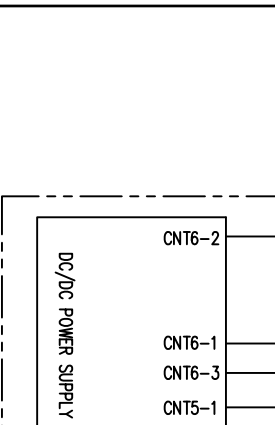
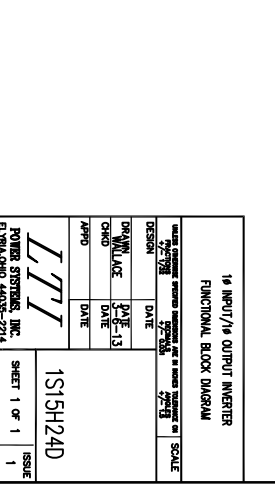
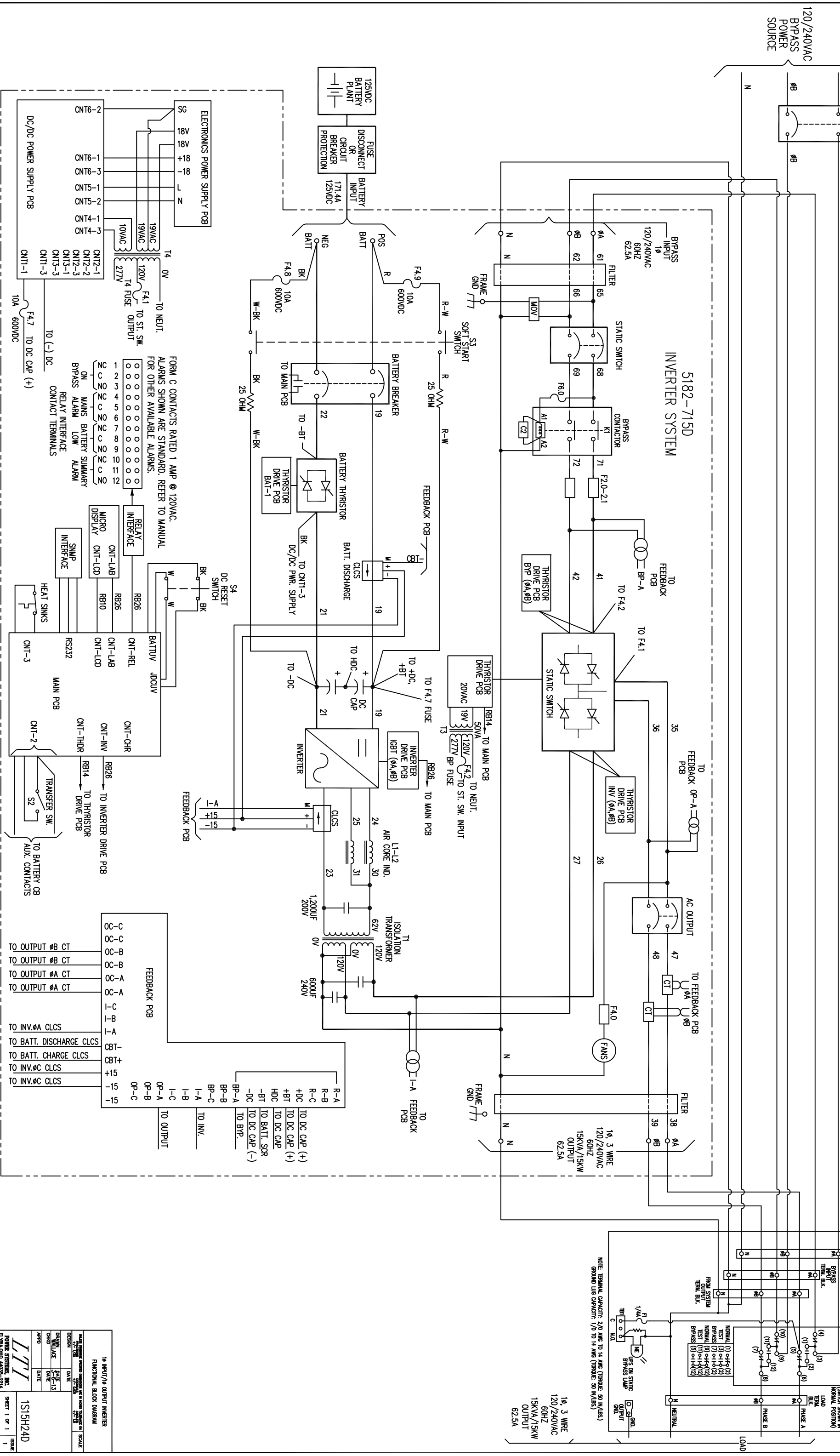
NOTE: ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.

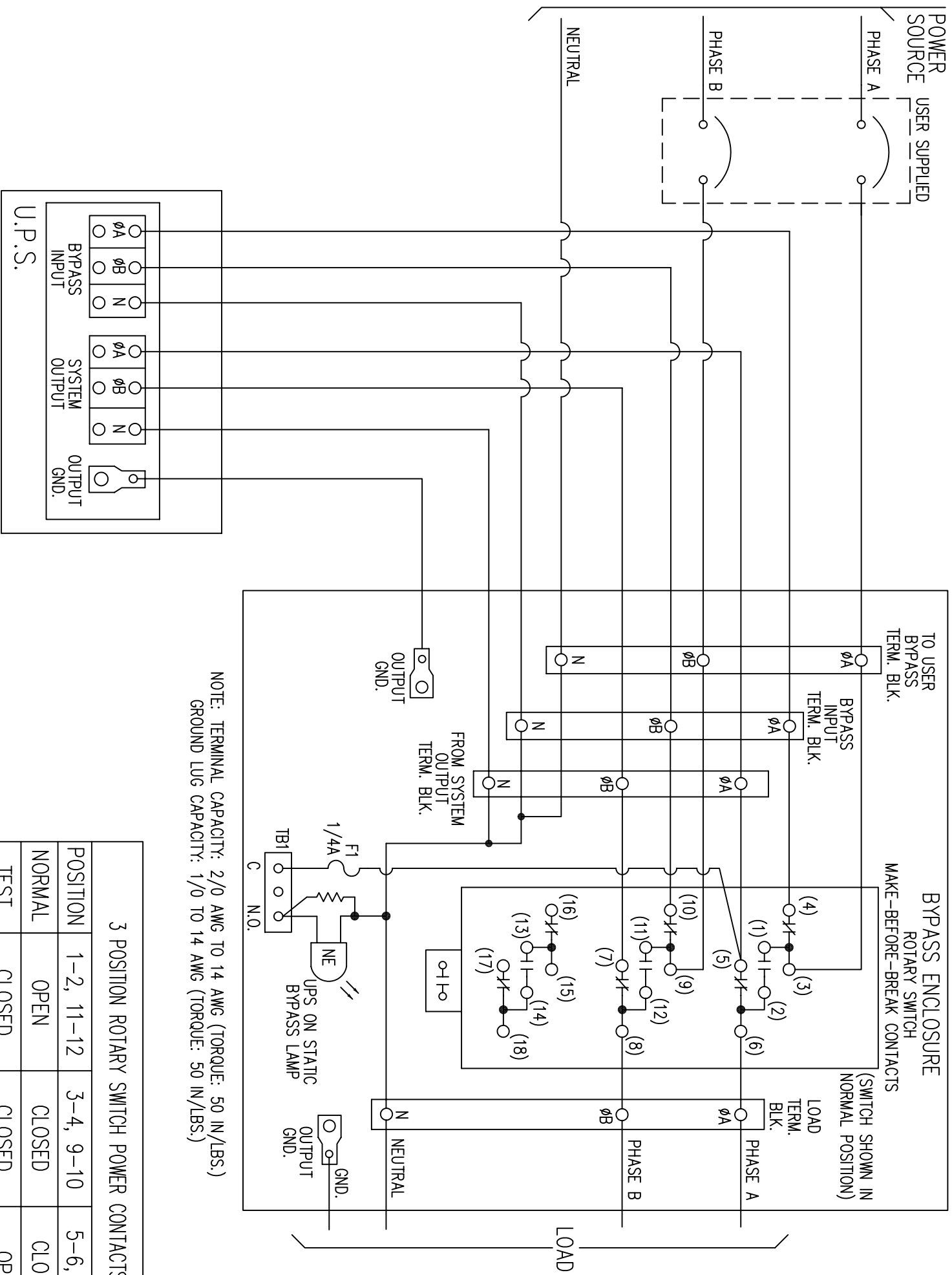


FRONT

BYPASS INPUT/AC OUTPUT	NOMINAL CURRENT	DKT. BRKR. RATING	A.I.C. RATING	TERM. CAPACITY	TORQUE	REC. SIZE	REC. FUSING	REC. CONDUIT
120/240V	62.5A	80A	25,000	14-2/0 AWG	50 IN./LBS	3 AWG	80A	1-1/4"
DC INPUT	171.4A NOMINAL 30A	175A	35,000	3500MCM-6 AWG	275 IN./LBS	4/0 AWG	200A	6 AWG

- NOTES:
1. WIRE SIZES BASED ON 75°C COPPER CONDUCTORS OPERATING IN 40°C AMBIENT AND NEC TABLES 250-95 AND 310-16. INCREASE CONDUCTOR SIZE FOR LONG RUNS.
  2. CLOCKWISE PHASE ROTATION MUST BE OBSERVED FOR BYPASS INPUT.
  3. CLCS = CLOSED LOOP CURRENT SENSOR
  4. USE COPPER CONDUCTORS ONLY FOR ALL FIELD WIRING TERMINALS.
  5. UNLESS OTHERWISE SPECIFIED, RECOMMENDED FUSING AND WIRE SIZES ARE BASED ON NOMINAL CURRENTS.





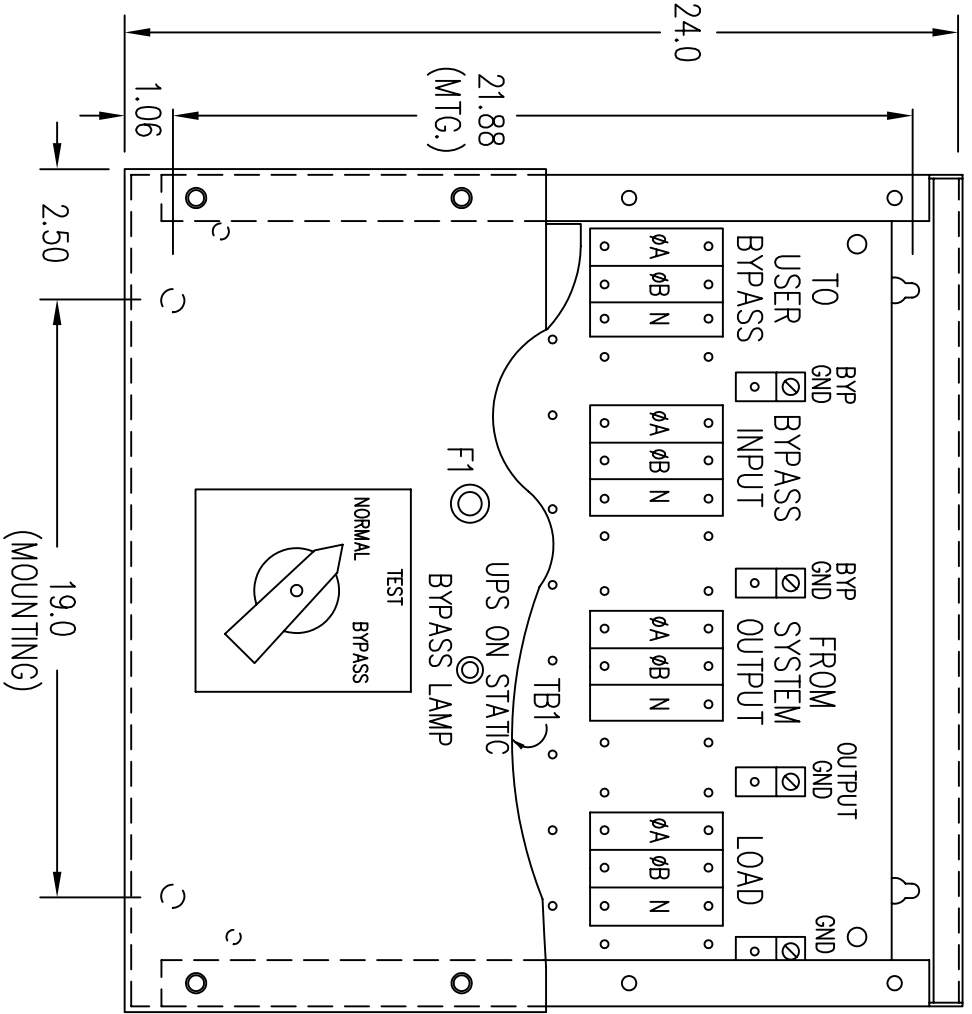
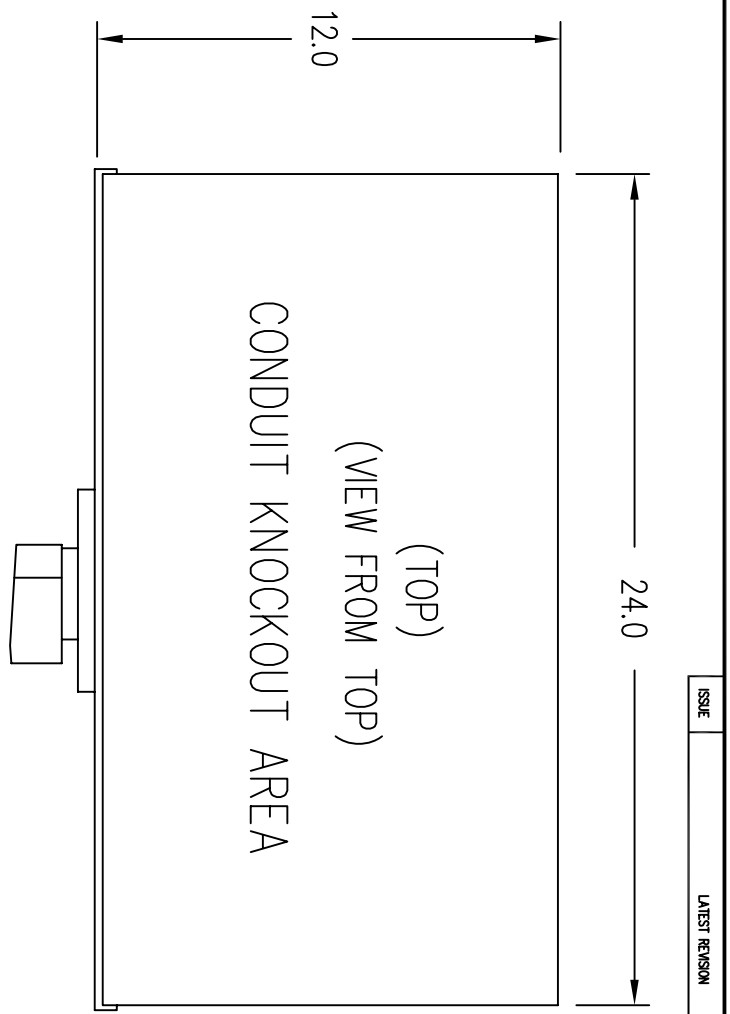
- NOTES:
1. OBSERVE ALL PHASING WHEN CONNECTING EXTERNAL SWITCH CONTACTS.
  2. EXTERNAL ROTARY SWITCH ENCLOSURE: NEMA TYPE 1, 24" L x 24" W x 12" D.
  3. DO NOT OPERATE THE ROTARY SWITCH FROM "NORMAL" TO "TEST" OR FROM "TEST" TO "NORMAL" WITHOUT THE "UPS ON STATIC BYPASS" LAMP ON.
  4. NORMAL - THE UPS SUPPLYING THE LOAD.  
TEST - THE HARD BYPASS SOURCE SUPPLYING THE LOAD  
(BYPASS SOURCE STILL CONNECTED TO UPS BYPASS INPUT).
  5. REMOVE BLANK COVER PANEL TO ACCESS TERMINAL CONNECTIONS.

3 POSITION ROTARY SWITCH POWER CONTACTS

POSITION	1-2, 11-12	3-4, 9-10	5-6, 7-8
NORMAL	OPEN	CLOSED	CLOSED
TEST	CLOSED	CLOSED	OPEN
BYPASS	CLOSED	OPEN	OPEN

3 POSITION ROTARY SWITCH AUX. CONTACTS  
(AUX. CONTACTS 4-8 AND 6-10 JUMPED)

POSITION	1-2	2-3	2-7	9-12	11-12	5-12
NORMAL	CLOSED	OPEN	OPEN	CLOSED	OPEN	OPEN
TEST	OPEN	CLOSED	OPEN	OPEN	CLOSED	OPEN
BYPASS	OPEN	OPEN	CLOSED	OPEN	OPEN	CLOSED



BYPASS ENCLASURE  
(FRONT - VIEW FROM FRONT)  
(BLANK COVER PANEL REMOVED)  
MOUNTING HOLES LOCATED ON BOTTOM SURFACE OF ENCLASURE AND ARE DESIGNED FOR 5/16 HARDWARE.

100A SINGLE PHASE L-1 OUTPUT EXTERNAL MAINTENANCE 3 POSITION BYPASS SWITCH (NORMAL-TEST-BYPASS)			
DESIGN	DATE	PAGE	IC4232-914
ORANGE		11	
CHD	DATE		
TRPD	DATE		
AMR/OG	DATE	11	
SHEET 1 of 1			ISSUE 1