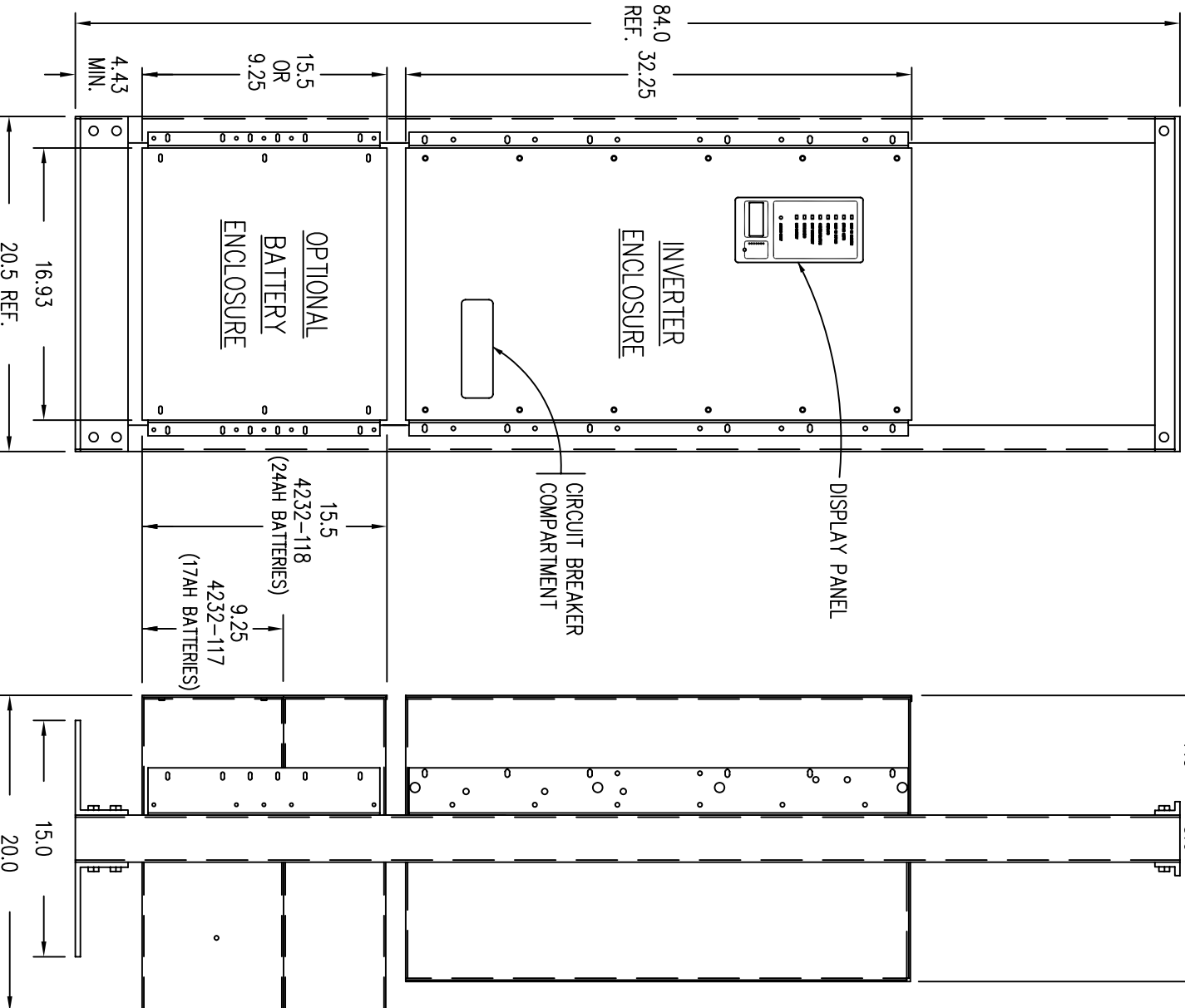


FRONT

SIDE



PHYSICAL INSTALLATION

1. MOUNT BATTERY ENCLOSURE AND INVERTER ENCLOSURE TO RACK USING 12-24 SCREWS, LOCK WASHERS AND FLAT WASHERS.

GENERAL NOTES:

- 1 ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.

MECHANICAL DATA

UPS WEIGHT: 300 LBS...7.5KVA

BATTERY CAB. WEIGHT: 380 LBS

SIZE: SEE DRAWING
PAINT: SHERWIN WILLIAMS PT. No. F63 A 33
COLOR: PROFILE GRAY

THERMAL DATA

HEAT DISSIPATION @ 100% LOAD
● .8 LAGGING PF
7.5KVA = 5.5K BTU/HR MAX.

COOLING: FAN ASSISTED
OPERATING AMBIENT= -10°C TO +40°C
ENVIRONMENTAL DATA

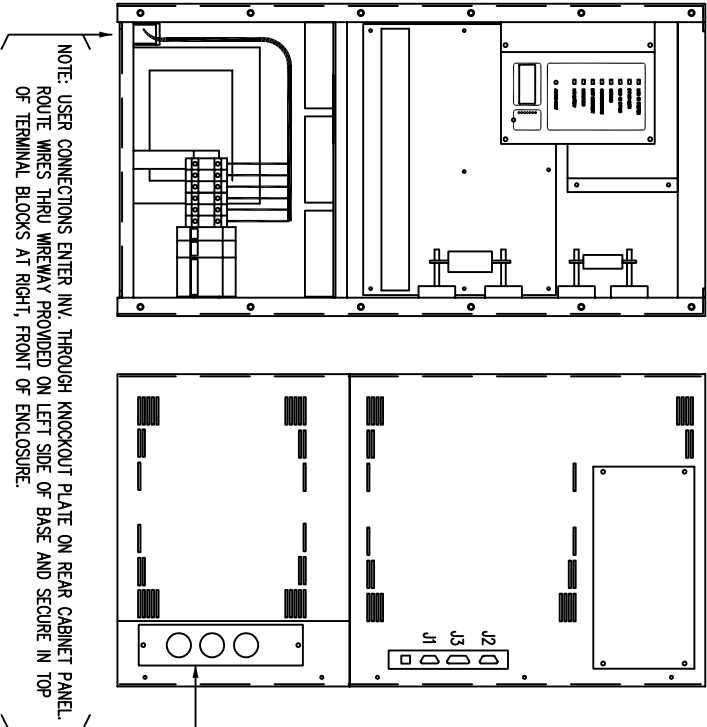
NEMA 1= INDOOR DUTY, OPEN VENTILATED,
NONCORROSIVE, CONTROLLED
ENVIRONMENT PER UL1778, DOES
NOT PREVENT ENTRY OF DUST.

HUMIDITY RANGE: 0 TO 95% NON-CONDENSING
ALTITUDE DERATING: NONE BELOW 7000 FT.
10%/1000 FT. ABOVE
AUDIBLE NOISE: 50dB(A), 5 FT. IN FRONT
OF UNIT, 4 FT. FROM FLOOR.

RACK MOUNT INVERTER INSTALLER CONNECTIONS

DESIGN	DATE	DATE	DATE
DRAWN	WALLACE	DATE	DATE
CHKD	DATE	DATE	DATE
APPD	R. J. MOROG	DATE	DATE
SHEET 1 OF 3		ISSUE	

FRONT VIEW
(COVER REMOVED)



REAR VIEW

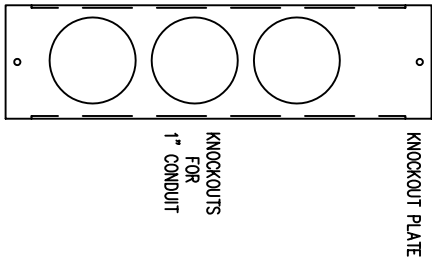
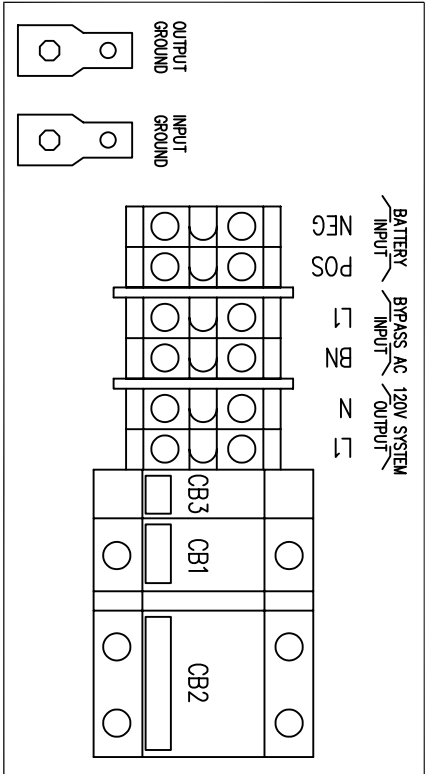


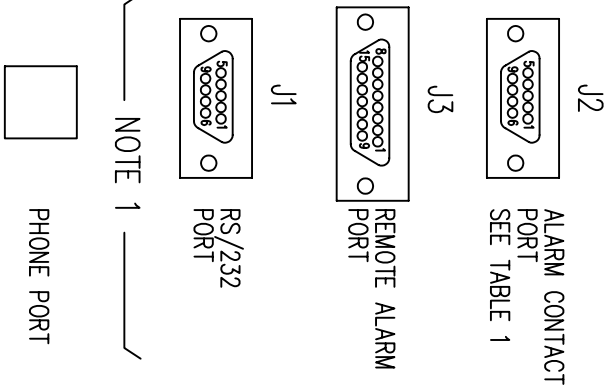
TABLE 1	
(J2) PIN No.	ALARM
5	COMMON
6	ON BYPASS (N.O.)
7	LOW BATTERY (N.O.)
8	GEN. ALARM (N.O.)
9	UTILITY FAIL (N.O.)

LOWER RIGHT, FRONT (INVERTER)

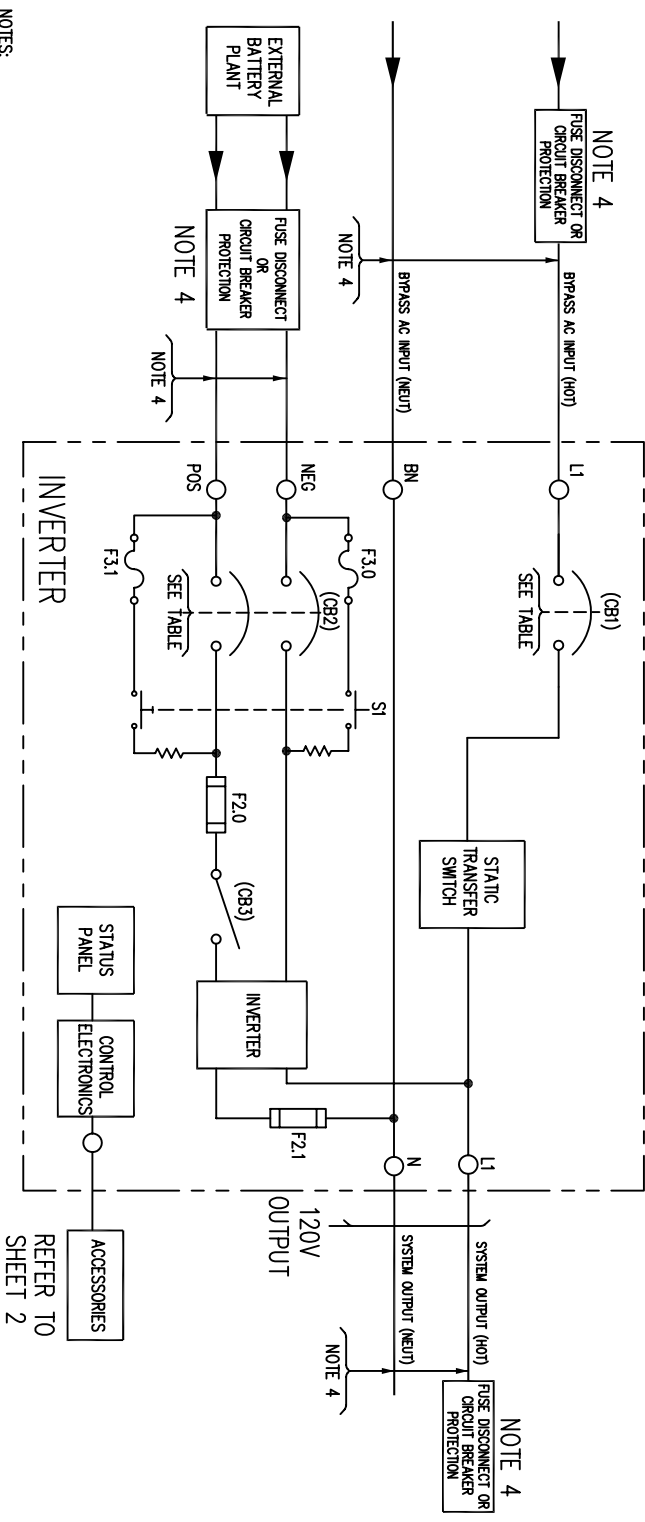


BYPASS AC INPUT VOLTAGE	CONNECT TO	SYSTEM OUTPUT	CONNECT TO	BATTERY INPUT	CONNECT TO
120V	L1 & (BN NEUTRAL)	120V	L1 & N	125VDC	POS & NEG

RIGHT, REAR (INVERTER)



NOTES:
1 NOT TO EXCEED CLASS 2 LIMITATIONS.
REFER TO N.E.C. ARTICLE 725-31 AND
TABLE (A) & (B).



NOTES:

- 1 WIRE SIZE RECOMMENDATIONS BASED ON 90°C COPPER CONDUCTORS OPERATING IN 30°C AMBIENT AND NEC TABLES 250-95 & 310-16, INCREASE CONDUCTOR SIZE FOR LONG RUNS.
- 2 ALL FIELD WIRING TO BE COPPER CONDUCTOR ONLY.
- 3 ALL GROUNDS SHOWN SHALL BE CONNECTED SEPARATELY TO A SINGLE GROUNDING POINT AT THE SOURCE SERVICE EQUIPMENT, PER IEEE STD. 446-1980 FIG. 72.
- 4 FUSE DISCONNECT OR CIRCUIT BREAKER PROTECTION EXTERNAL TO UPS TO BE PROVIDED BY CUSTOMER, SEE TABLE BELOW FOR RECOMMENDED PROTECTION SIZING AND WIRE SIZING.
- 5 SPECIFIED TORQUE VALUES ARE FOR INTERNAL WIRING CONNECTIONS ONLY.

SIZE	SPEC. No.	BYPASS AC INPUT						BATTERY LEAD						SYSTEM OUTPUT					
		BYPASS AC INPUT	MAX. INPUT CURRENT	(CB1) RATING	A.L.C. RATING	TERM. CAPACITY	TORQUE	RECM. SIZE	RECM. FUSING	RECM. GRO. SIZE	(CB2) RATING	NOMINAL VOLTAGE	A.L.C. RATING	TERM. CAPACITY	TORQUE	RECM. SIZE	RECM. FUSING	OUTPUT VOLTAGE	FULL LOAD CURRENT (AMPS)
7.5KVA	5196-107	120V	62.5 AMPS	80A	10,000	8-1 AWG	35 IN/LB	6 GA	80A	8 GA.	80A	120VDC	10,000	8-1 AWG	35 IN/LB	4 GA	80A	120V	62.5 AMPS