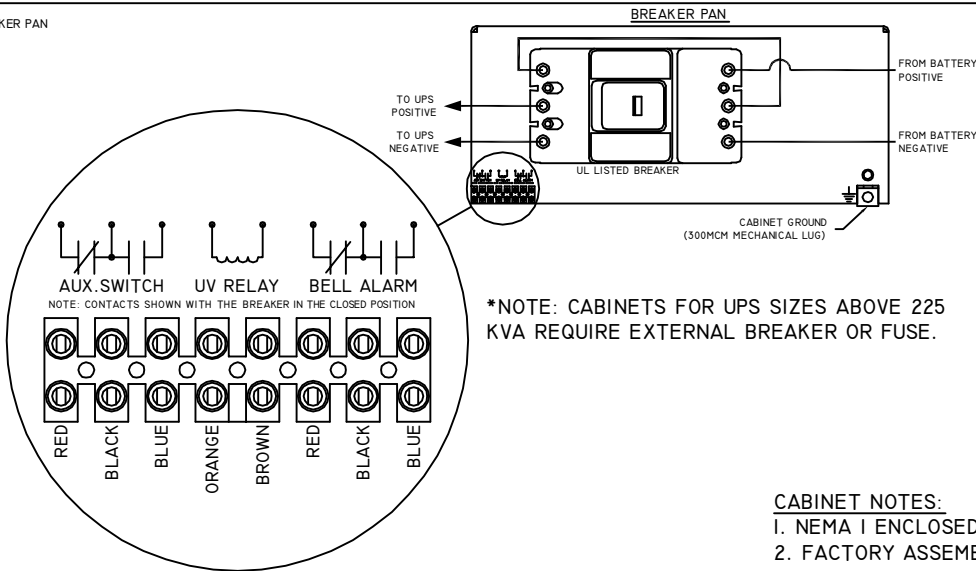
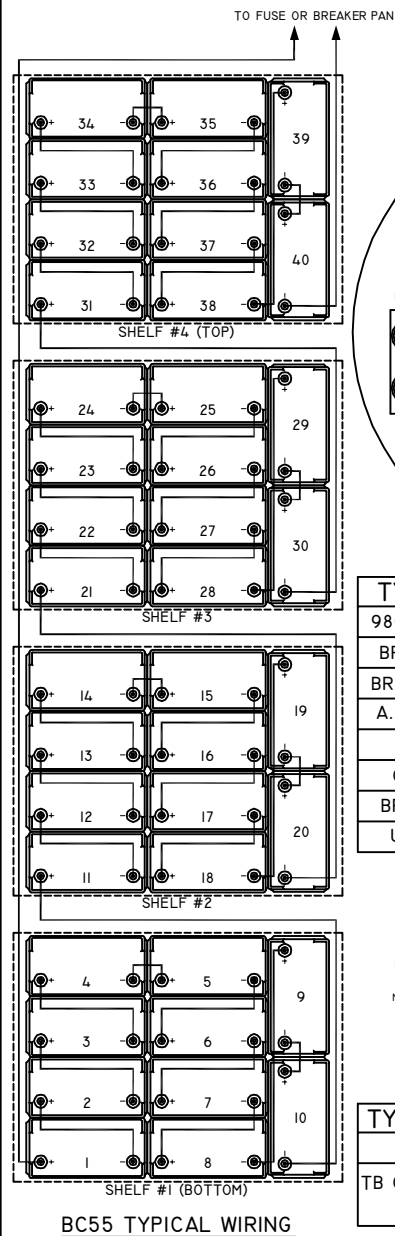


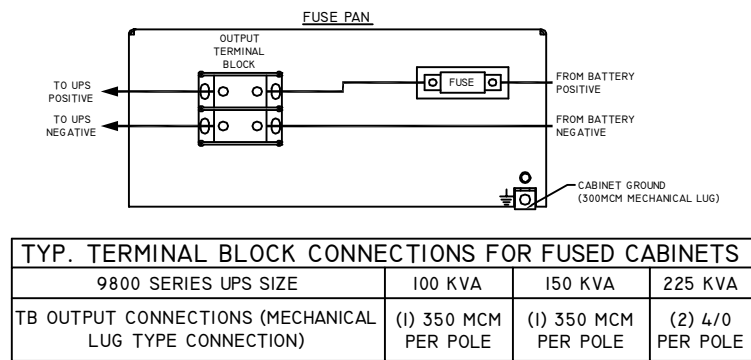
**MITSUBISHI ELECTRIC**  
VERNON HILLS, ILLINOIS

<b>REVISIONS</b>			<b>PART#: 91455</b>		
-	-	-	<b>DESCRIPTION: BC55 BATTERY CABINET</b>		
-	-	-	<b>MEAU APPROVED:</b> <i>Carl C. Jurek</i>	<b>CAD FILE:</b>	<b>REV: 1</b>
-	-	-	<b>DATE: 03/10/2005</b>	<b>91455-SD01-1 REV1</b>	<b>SHEET:</b>
-	-	-	<b>DRAWN BY: CH</b>	<b>DRAWING NUMBER:</b>	<b>1 OF 2</b>
				<b>91455-SD01-1 REV1</b>	



**TYPICAL BREAKER SIZING (FOR 1 OR 2 CABINET SYSTEMS)**

9800 SERIES UPS SIZE	100 KVA	150 KVA	225 KVA
BREAKER SIZE AMPS	225A.	350A.	500A.
BREAKER FRAME TYPE	HJDDC	HKDDC	HLDDC
A.I.C. RATING, 600DC	35,000 A.I.C.	35,000 A.I.C.	35,000 A.I.C.
INPUT LUG SIZE	(1)-350-#4	(1)-500-250	(2)-350-3/0
OUTPUT LUG SIZE	(1)-350-#4	(1)-500-250	(2)-350-3/0
BREAKER TIE CABLE	(1)-2/0	(1)-4/0	(2)-2/0
UV, ALARM & AUX.	YES	YES	YES



**TYPICAL CABINET WEIGHTS**

PART NUMBER	WEIGHT (LBS)	PART NUMBER	WEIGHT (LBS)
91455-E-40	520	BC55-U350-KVA	2990
BC55-340-KVA	3329	BC55-U400-KVA	3370
BC55-400-KVA	3646	BC55-U500-KVA	4420
BC55-490-KVA	4556	BC55-J370F-KVA	3596
BC55-545-KVA	4816	BC55-J475F-KVA	4636
BC55-U300-KVA	2190	BC55-J530F-KVA	4636

**BATTERY TERMINALS & TORQUE SPECS**

BATTERY MODEL	TERMINAL TYPE	TORQUE
SRI2-340F, SRI2-400F, SRI2-490F, SRI2-545F	M6 THREADED INSERT	40 IN. LBS.
24HR3000, 27HR3500, 31HR4000, 31HR5000	1/4-20 THREADED INSERT	60 IN. LBS.
UPS12-370	1/4" L-TERMINAL	65 IN. LBS.
UPS12-475, UPS12-530	1/4-20 THREADED INSERT	110 IN. LBS.

- CABINET NOTES:**
1. NEMA 1 ENCLOSED BATTERY CABINET.
  2. FACTORY ASSEMBLED CABINETS ARE UL LISTED 1778 & CSA LISTED 22.2 NO. 107.1-M95.
  3. CABINET IS ZONE 4 RATED AND CERTIFIED (SEE ZONE 4 ANCHORAGE DRAWING FOR DETAILS)
  4. CABINET BODY IS 10 GA. COLD ROLLED STEEL.
  5. BATTERY SUPPORT RAILS ARE 10 GA. COLD ROLLED STEEL.
  6. DOORS & REAR COVER ARE 16 GA. COLD ROLLED STEEL.
  7. PAINT IS MITSUBISHI BEIGE (MUNSELL 5Y7/1) POWDER COAT , OVEN BAKED FOR CHIP & CORROSION RESISTANT FINISH.
  8. FOR EASE OF CONDUIT INSTALLATION, 16 GAUGE CONDUIT KNOCKOUT PLATES ARE PROVIDED TO REPLACE THE 10 GAUGE KNOCKOUTS IN THE CABINET. (2) 8"x8" COVER PLATES AND (1) 3"x7.5" COVER PLATE ARE PROVIDED.
  9. BATTERIES CAN BE ACCESSED FROM THE FRONT AND REAR.
  10. CABINET CAN BE MOVED WITH PALLET JACK OR FORK LIFT AT PALLET JACK ACCESS POINTS LOCATED AT FRONT OR REAR OF CABINET. FROM THE SIDES, THE CABINET CAN BE MOVED WITH ROL-A-LIFT TYPE EQUIPMENT MOVER. THE CABINET IS ONLY TO BE LIFTED FROM THE BOTTOM.

- ELECTRICAL NOTES:**
1. ALL INTERNAL WIRING IS UL LISTED, MTW, STYLE, 105C, EXTRA FLEXIBLE CABLE.
  2. FUSE IS UL RECOGNIZED, TYPE A50P OR A70P
  3. BREAKER IS UL LISTED
  4. TERMINAL BLOCK IS UL RECOGNIZED, 600V RATED.
  5. CABINETS WITH BREAKERS ARE SHIPPED WITH BREAKER IN THE OFF/OPEN POSITION.
  6. CABINETS ARE SHIPPED WITH BATTERY JUMPER REMOVED TO BREAK STRING VOLTAGE FOR ADDED SAFETY IN SHIPPING.
  7. CABLES FROM BATTERY CABINET TO UPS SYSTEM ARE OPTIONAL. CONSULT FACTORY.
  8. GROUND CONNECTION IS #6-300MCM MECHANICAL LUG.

**MITSUBISHI ELECTRIC**  
VERNON HILLS, ILLINOIS

REVISIONS		PART#: 91455
2	ADDED DYNASTY WEIGHTS	DESCRIPTION: BC55 BATTERY CABINET
	ADDED DYNASTY TORQUE SPECS	MEAU APPROVED: <i>[Signature]</i> CAD FILE: 91455-SD01-2 REV2
	-	DATE: 1/26/2006 DRAWING NUMBER: 91455-SD01-2 REV2
	-	DRAWN BY: CH SHEET: 2 OF 2