



**BATTERY QUANTITIES AND MOUNTING HOLES**

- (10) TC OR PRC-1225X USE MOUNTING HOLES #3 & #4.
- (14) TC OR PRC-1230X, 1235X USE MOUNTING HOLES #3 & #5.
- (12) TC OR PRC-1250XL USE MOUNTING HOLES #3 & #5.
- (10) TC OR PRC-1265, 1280X, 1290X USE MOUNTING HOLES #1 & #4.
- (10) TC OR PRC-12100X USE MOUNTING HOLES #1 & #5.
- (10) TC OR PRC-12110X, 12120X, 12150X USE MOUNTING HOLES #1 & #6.
- (10) TC OR PRC-6165X, 6200X, 6225X USE MOUNTING HOLES #1 & #4.
- (10) TC-2450X, 2550X, 2600X USE MOUNTING HOLES #1 & #4.

**RACK ASSEMBLY INSTRUCTIONS**

- 1. READ ALL INSTRUCTIONS FULLY BEFORE ATTEMPTING TO INSTALL OR SET UP RACK.
- 2. CHECK RECEIVED PARTS AGAINST PARTS LIST BELOW.
- 3. RACK LOCATION SHOULD BE:
  - 1. AWAY FROM OUTSIDE SOURCES OF HEAT (DIRECT SUN-LIGHT, RADIATORS, STEAM PIPES ETC.)
  - 2. ON LEVEL GROUND.
  - 3. EASILY ACCESSIBLE FOR CELL READINGS AND WATER ADDITIONS, IF APPLICABLE (PL BATTERIES).
- 4. MARK LOCATION ON FLOOR AND POSITION FRAMES.
- 5. INSTALL BRACES ON TO FRAMES AND HAND TIGHTEN NUTS.
- 6. INSTALL RAILS IN APPROPRIATE POSITION FOR BATTERY SYSTEM TO BE USED AND HAND TIGHTEN NUTS.
- 7. CHECK THAT RAILS AND BRACES ARE IN CORRECT POSITION AND SQUARE RAIL WITH FRAME.
- 8. INSTALL RAIL INSULATION ON BOTH INSIDE SURFACES OF THE RAIL MAKING SURE THEY MEET AT THE BEND IN THE RAIL.
- 9. TIGHTEN ALL NUTS TO A 30 FT/LB TORQUE VALUE STARTING WITH BRACES FIRST, THEN RAILS.
- 10. \*BOLT FRAMES TO FLOOR. FOR UBC 97 ZONE FOUR CERTIFIED RACKS A MINIMUM OF 6" OF SPACING IS NEEDED AROUND ALL SIDES OF RACK.
- 11. USE MOUNTING HOLES #3 & 4 FOR PL-7, PL-8, PL-10, PL-11, PL-15 & PL-27 BATTERIES WHEN INSTALLING CELLS LENGTHWISE. OTHER MOUNTING HOLES MAY BE USED FOR OTHER ARRANGEMENTS WHEN SMALLER LENGTHS OF RACKS ARE REQUIRED.
- 12. ALL MOUNTING SLOTS ARE 1/2" X 1" AND SUPPLIED WITH 3/8" HARDWARE KIT.
- 13. ALL RACKS ARE MADE OF STEEL ANGLE SUPPORTS AND ARE PAINTED WITH A TEXTURED IBM WHITE ELECTROSTATIC POWDER COAT.

NOTE: A MINIMUM OF 6" OF SPACE IS NEEDED AROUND EACH SIDE OF RACK IN ORDER TO MEET UBC 97 SEISMIC CRITERIA.

SEISMIC ZONE	*ANCHORING COMPONENTS	SEISMIC SUPPORT BEAMS
1	4-ø1/2"x6" ROD WITH E12 EPOXY CAPSULES	NOT REQUIRED
2A	4-ø1/2"x6" ROD WITH E12 EPOXY CAPSULES	NOT REQUIRED
2B	4-ø1/2"x6" ROD WITH E12 EPOXY CAPSULES	NOT REQUIRED
3	4-ø1/2"x6" ROD WITH E12 EPOXY CAPSULES	NOT REQUIRED
4	4-ø1/2"x6" ROD WITH E12 EPOXY CAPSULES	NOT REQUIRED

\*SEE ANCHORING INSTRUCTION DRAWING ANC-9001.

NO.:		DESCRIPTION:		QTY.:	PART NO.:
1		BATTERY RAIL INSULATION KIT		1	RB38S-BRI
2		ADJUSTABLE BATTERY RAILS		4	RB38-ABR
3		REAR SUPPORT BRACE		2	RB38S-B
4		END FRAME		2	RB38S-RF

  

NO.:	DATE:	BY:	SCALE:
1	5/15/98		NONE
2	5/26/98		NONE
3	2/14/00		NONE
4	3/20/00		NONE

POWER BATTERY COMPANY INC.  
 RB38S ASSEMBLY DRAWING  
 TWO TIER SEISMIC ZONE 1-4  
 CERTIFIED BATTERY RACK

ADDED FOLLOWING: SLOTS FOR STRAPPING, HARDWARE KIT & DETAIL, ANCHORING COMPONENTS.  
 MODIFIED RACK ASSEMBLY INSTRUCTIONS PART 1, ADDED NOTE FOR 6" SPACING.  
 ADDED HIDDEN LINES TO BACK VIEW OF END FRAME.

