**NOTES:**

1. REDUNDANT CONTROL POWER SUPPLIES, 100-240VAC, 1 PHASE + GROUND. (SUPPLIED AND INSTALLED BY OTHERS)
2. 8 SIGNAL WIRES REQUIRED (8 SIGNAL WIRES FOR 9900C/CX) 22-16 AWG WIRE SIZE. (SUPPLIED AND INSTALLED BY OTHERS)
3. RACK SPECIFICATIONS:
   - 184kW CONTINUOUS, 257kW MAX POWER
   - 340-582 VDC OPERATING VOLTAGE RANGE (PROTECTION LIMIT)
4. ALL FOUR CORNERS OF EVERY CABINET SHALL BE ANCHORED TO FLOOR
5. APPLY "NO-OX" GREASE TO BATTERY TERMINALS
6. I/O SIGNAL INTERFACE BOX AND TOP HAT ARE FIELD INSTALLED ITEMS

**BCL04 WITH I/O SIGNAL INTERFACE BOX**
- 1 PER SYSTEM
- UA-100745

**BCL04 WITH TOPHAT**
- I/O SIGNAL INTERFACE LOCATED IN MASTER RACK (1 PER SYSTEM)
- UA-100583

**DETAIL A**
- TOP VIEW
- GROUND PLATE 4 x M12 WELD NUT

**DETAIL B**
- TOP VIEW
- TOP HAT HIDDEN
- PROVISION FOR (2) NEMA 2 HOLE CONNECTIONS PER POLE

**DETAIL C**
- TOP VIEW
- MCCB
- RACK BMS PORT

**DETAIL D**
- FRONT PANEL HIDDEN
- BUSS TABS SIDE ELEVATION TOPHAT HIDDEN

**FRONT VIEW**
- TOP RIGHT TERMINAL COVER HIDDEN

**BOTTOM VIEW**
- 4 x [20] x [32] HARDWARE IS SUPPLIED

**SIDE VIEW**
- 8 x [24.46] x [80.91] 4 x M12 WELD NUT
**SYSTEM BMS INTERFACE**

- **TYPICAL SIGNAL CONNECTIONS TO UPS**
  - SEE NOTE 2
- **TYPICAL SIGNAL CONNECTIONS TO UPS SIGNALS**
- **SAMSUNG SBMS**
- **TYPICAL SIGNAL CONNECTIONS TO UPS DRY CONTACT SIGNALS**
- **UPS I/O SIGNALS**
  - CB2 LV/T
  - CB2 AX
  - DISCHARGE PROHIBITED
  - CHARGE PROHIBITED
- **CABINET TYPE**
  - UPDATED PER ECN 1396
- **TITLE AND LABELING**
  - BCL04; UPDATED PER ECN 1511
- **UPDATER VIEWS**
  - ADDED VIEWS AND NOTE 4 & 5 TO SHEET 1
  - UPDATED VIEWS, ADDED OVERALLS.