

## Add batteries & charger

### Add Charge Bay

Install customer provided charge bay as PBD-0005.02

Framework ground (3' of 1/0) to 1/0 aisle ground.

Add AC cable from existing 175A breaker in PDSC 0005. (18' cable required)

Connect the DC output to the Main Term bar.

6-350's required per polarity.

Ground side lengths = 12'

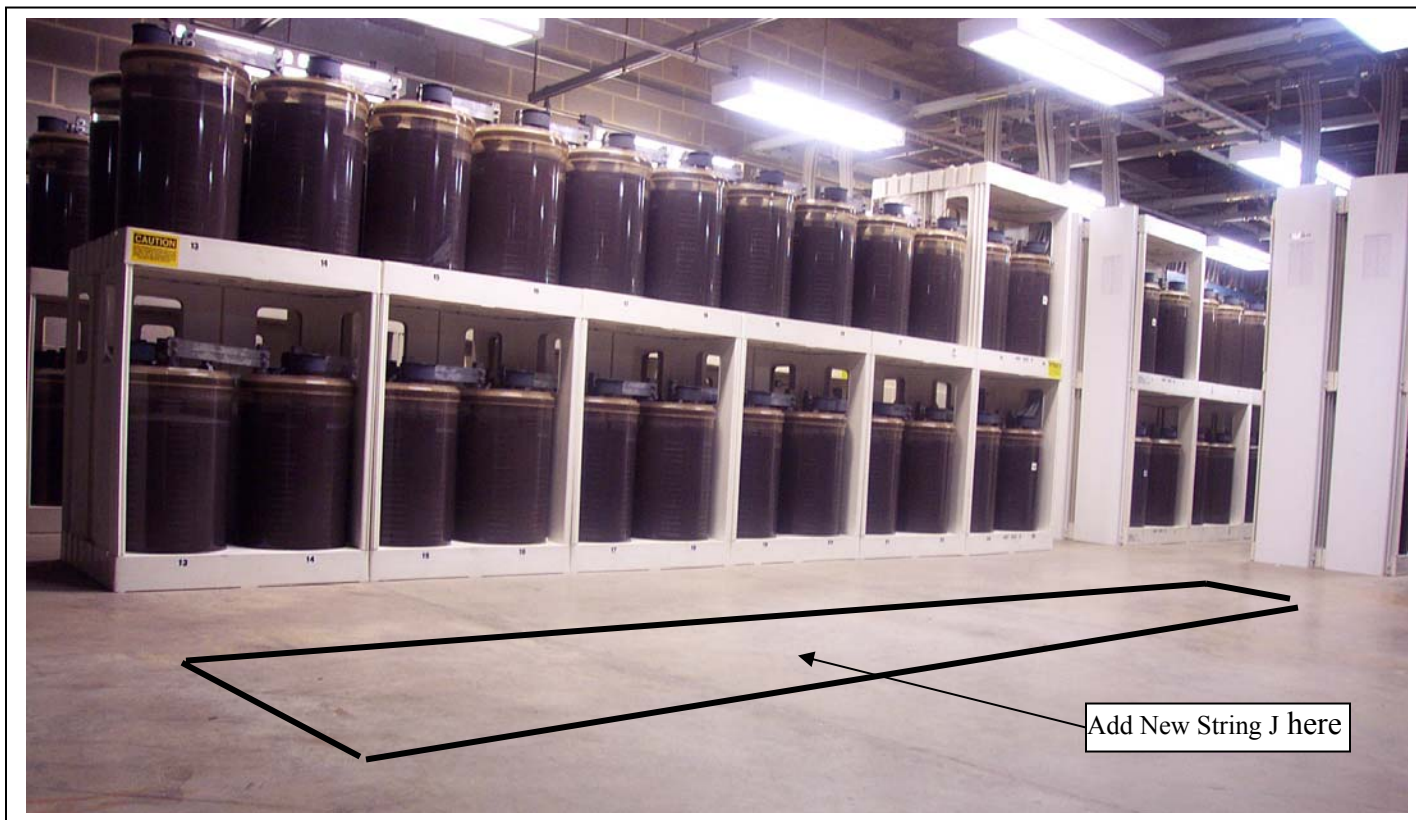
-48V side lengths = 35'

Add interconnecting cables

### Add Plug in Charger

Install (1) customer provided switch mode rectifier in shelf 1 of new charge bay as G-13.





**Add Batteries**

Install (1) customer provided 2T2R 15' round cell battery stand.

Install (24) customer provided round cell batteries.

Connect Batteries to Main Term Bar

30' cable on ground side (4-4/0)

36' cable on -48V side (4-4/0)

Monitor TR cell on Galaxy controller. Analog point exist on PBD-005.07. (60' cable required)

**Material Summary**

Item	Quantity	Notes
Charge Bay	1	customer provided
Interconnecting cable	1	
Switch mode charger	1	customer provided
2T2R Battery Stand	1	customer provided
Round cell batteries	24	customer provided
350 MCM Cable – charge bay	282'	
4/0 cable - batteries	262'	
1/0 frame ground	3'	
2/0 AC cable (2 ckts)	108'	
#6 AGEC (2 ckts)	36'	