

Power Group 4x & 4u

(1)

Power Group 3x & 3u

(3)

Power Group 2x & 2u

(5)

2

4

6

1

3

5

( 7 )

MAGNET GAMMA STAVES

MAGNET BETA STAVES

MAGNET ALPHA STAVES

Power Group 1x & 1u

(8)

9

8

7

(10)

(11)

(12)

MAGNET GAMMA 1V5

MAGNET GAMMA 2V5

13

14

15

MAGNET BETA 1V5

MAGNET BETA 2V5

17

10

11

12

MAGNET ALPHA 1V5

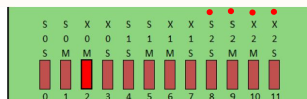
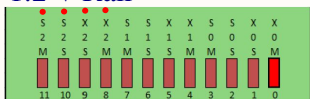
MAGNET ALPHA 2V5

16

This document  
intended as  
proposal for  
21-4-pair cable  
sense line scheme.  
Regulator inputs  
here should match  
those on  
PEPI\_b\_SIDE\_g3

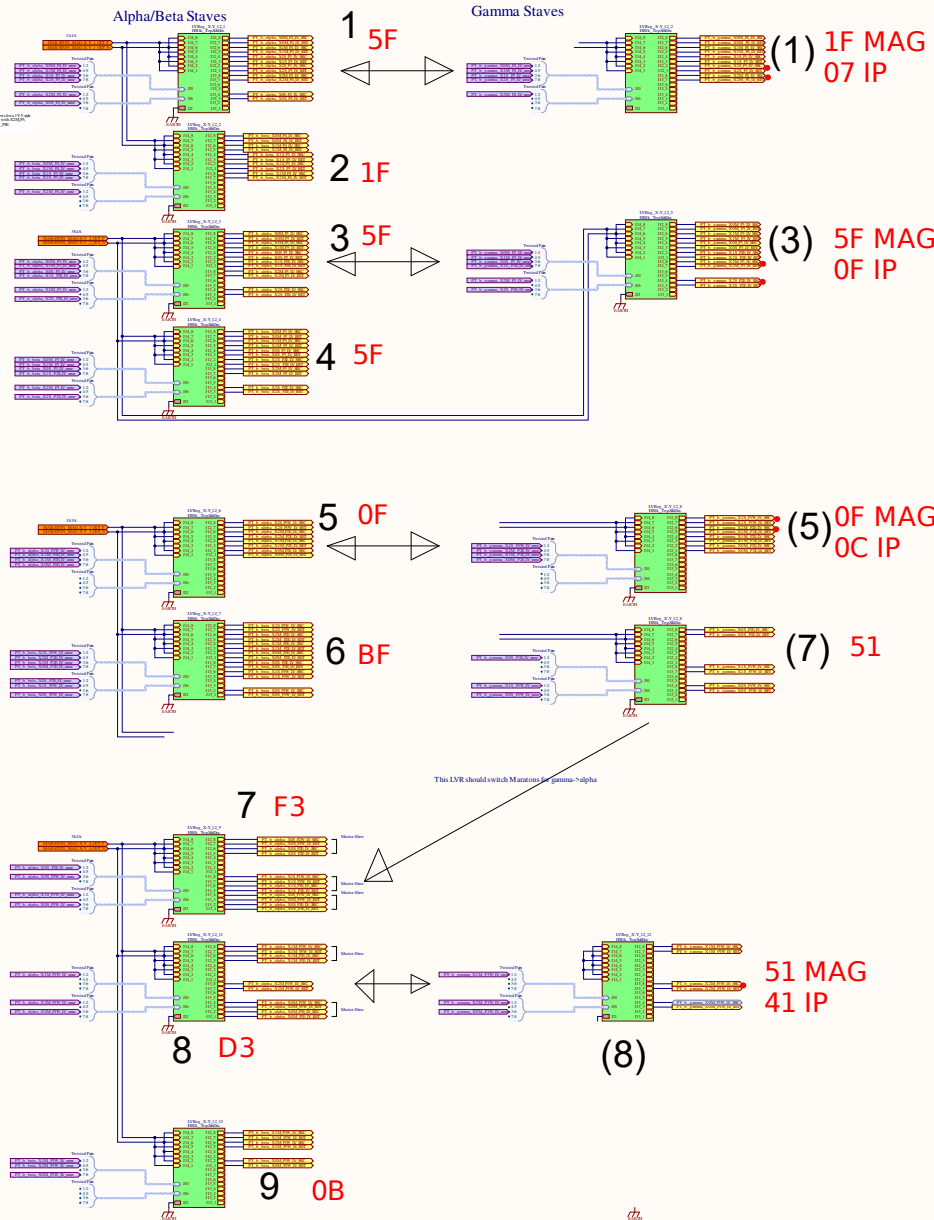
Title		
Size	Number	Revision
A1		
Date	8/24/2020	Drawn by
C:\Users\Adrian\Desktop\Bentley\Bentley		Drawn by

## PEPI Magnet ("b" planes) power 1.2 V Rail

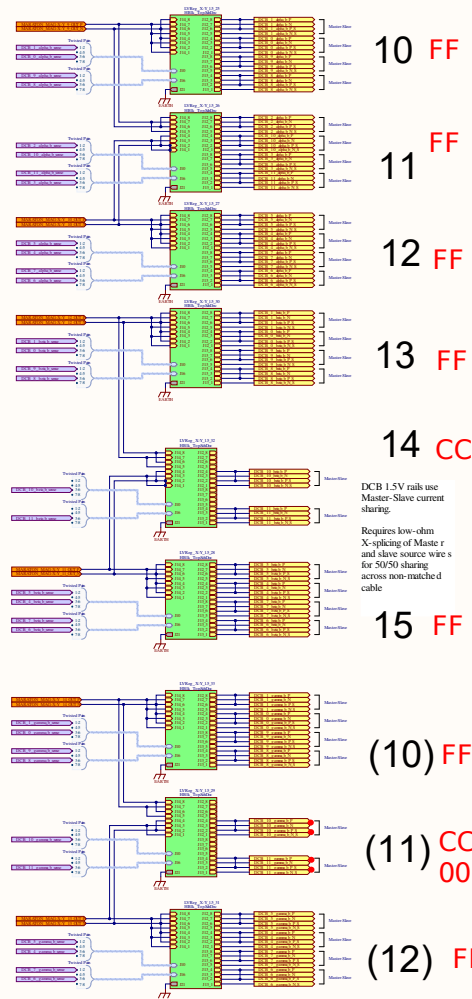


The diagram on the left shows true-type, and the diagram on the right shows mirror-type. True-type

• =depopping when going from MAG to IP side

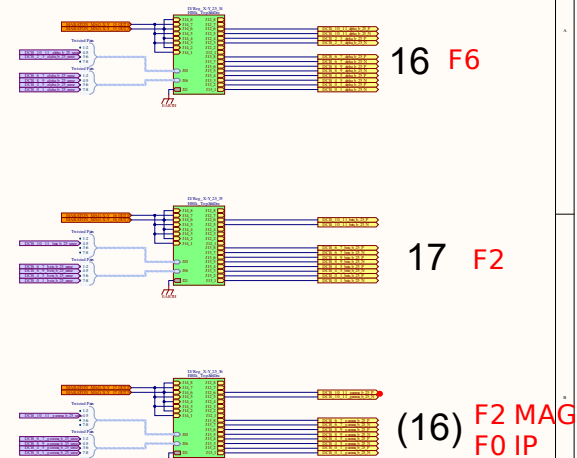


## 1.5 V Rail

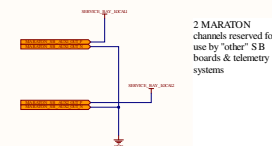


DCB 1.5V rail use Master-Slave current sharing.  
Requires low-ohm X-splicing of Master and slave source wire for 50/50 sharing across non-matched cable

## 2.5V Rail



## Rack Local Power (5V?)



## Key/Notes

