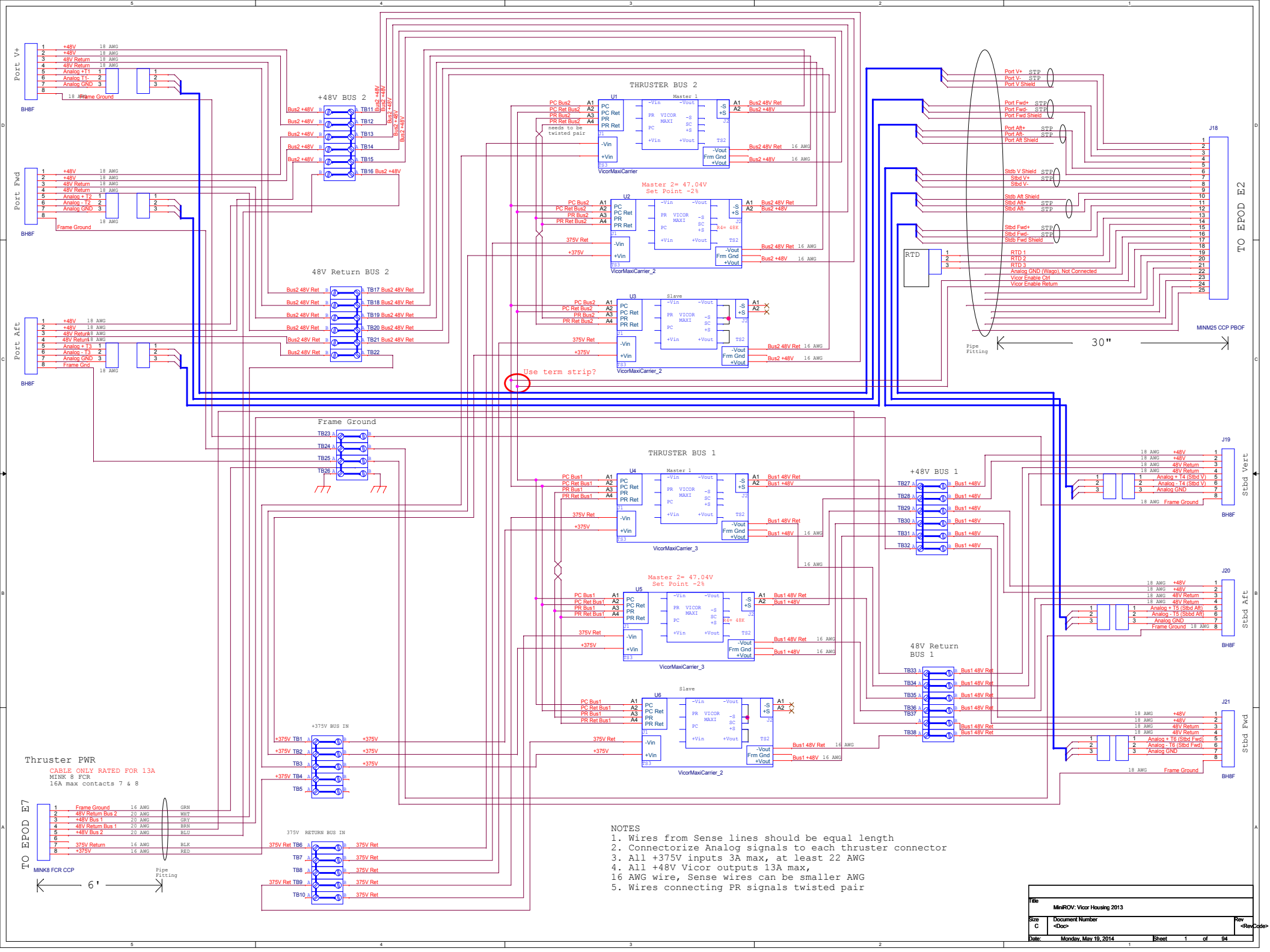
Port V+
Port Fwd
Port Aft
BH8F
+48V BUS 2
48V Return BUS 2
THRUSTER BUS 2
THRUSTER BUS 1
VicorMaxiCarrier
VicorMaxiCarrier_2
VicorMaxiCarrier_3
Master 1
Slave
Master 2= 47.04V
Set Point -2%
needs to be twisted pair
Use term strip?
Frame Ground
+48V BUS 1
48V Return BUS 1
+375V BUS IN
375V RETURN BUS IN
Thruster PWR
CABLE ONLY RATED FOR 13A
MINK 8 FCR
16A max contacts 7 & 8
TO EPOD E7
MINK8 FCR CCP
6'
Pipe Fitting
RTD
TO EPOD E2
MINM25 CCP PBOF
30"
J18
J19
J20
J21
Stbd Vert
Stbd Aft
Stbd Fwd
NOTES
1. Wires from Sense lines should be equal length
2. Connectorize Analog signals to each thruster connector
3. All +375V inputs 3A max, at least 22 AWG
4. All +48V Vicor outputs 13A max,
16 AWG wire, Sense wires can be smaller AWG
5. Wires connecting PR signals twisted pair
Title
MiniROV: Vicor Housing 2013
Size C
Document Number
<Doc>
Rev
<RevCode>
Date: Monday, May 19, 2014
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