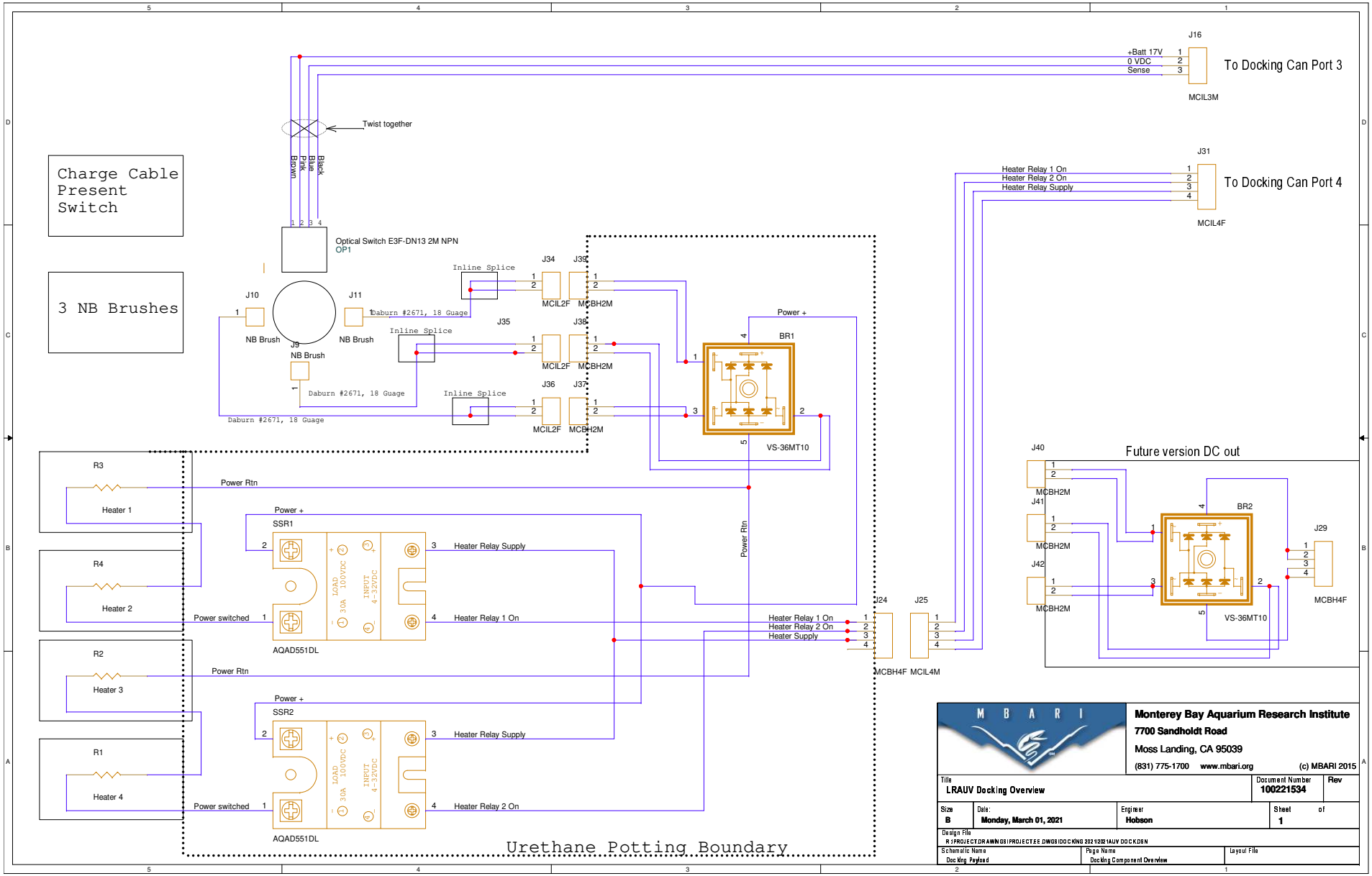
Charge Cable Present Switch
3 NB Brushes
Twist together
Brown
Blue
Black
Optical Switch E3F-DN13 2M NPN
OP1
J10
J11
J9
NB Brush
NB Brush
NB Brush
Daburn #2671, 18 Guage
Daburn #2671, 18 Guage
Daburn #2671, 18 Guage
Inline Splice
Inline Splice
Inline Splice
J34
J39
J35
J38
J36
J37
MCIL2F
MCBH2M
BR1
VS-36MT10
Power +
Power Rtn
R3
Heater 1
R4
Heater 2
R2
Heater 3
R1
Heater 4
SSR1
SSR2
AQAD551DL
Power switched
Heater Relay Supply
Heater Relay 1 On
Heater Relay 2 On
Urethane Potting Boundary
J16
+Batt 17V
0 VDC
Sense
MCIL3M
To Docking Can Port 3
J31
Heater Relay 1 On
Heater Relay 2 On
Heater Relay Supply
MCIL4F
To Docking Can Port 4
J24
J25
MCBH4F
MCIL4M
Future version DC out
J40
J41
J42
MCBH2M
BR2
VS-36MT10
J29
MCBH4F
Monterey Bay Aquarium Research Institute
7700 Sandholdt Road
Moss Landing, CA 95039
(831) 775-1700 www.mbari.org
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