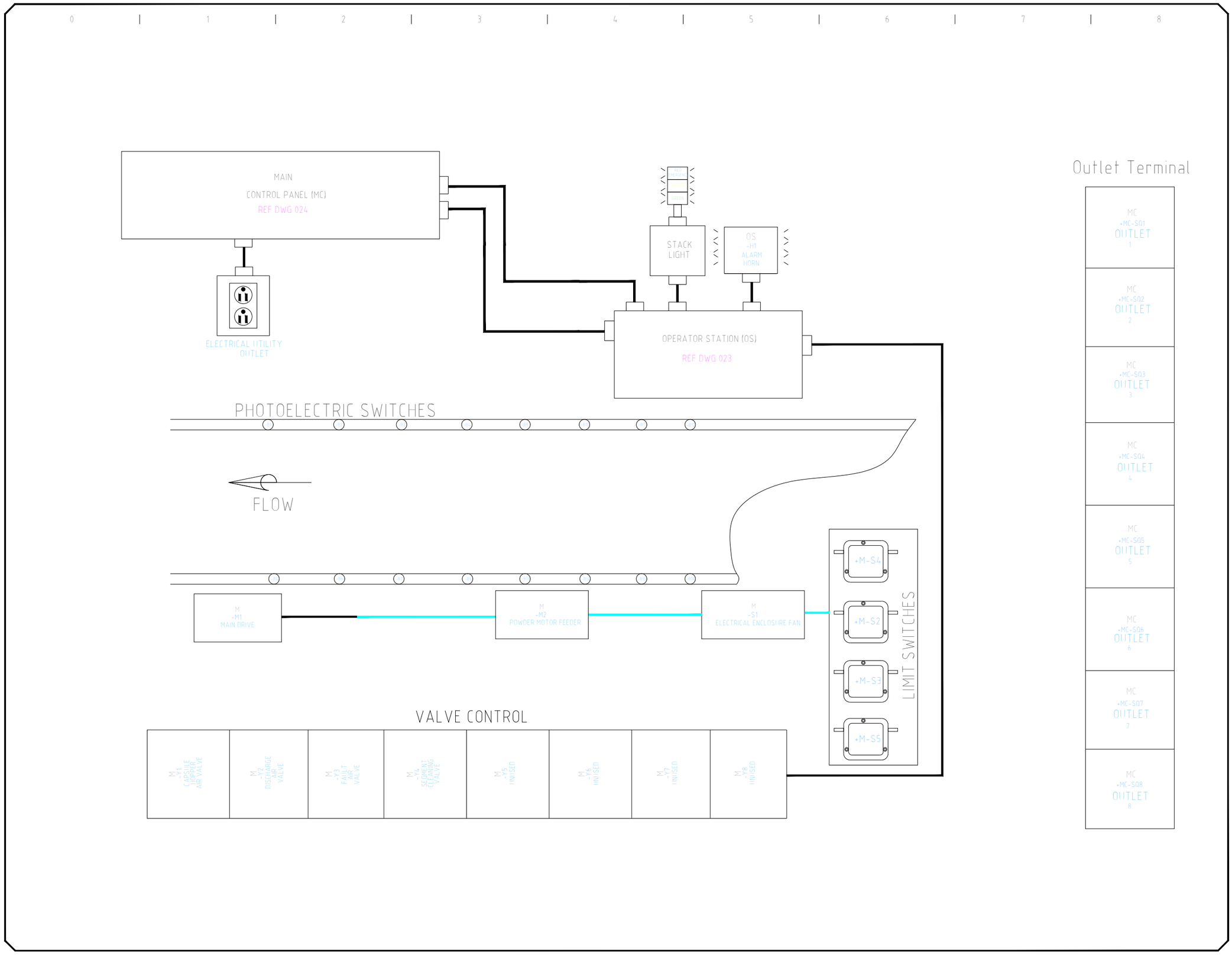
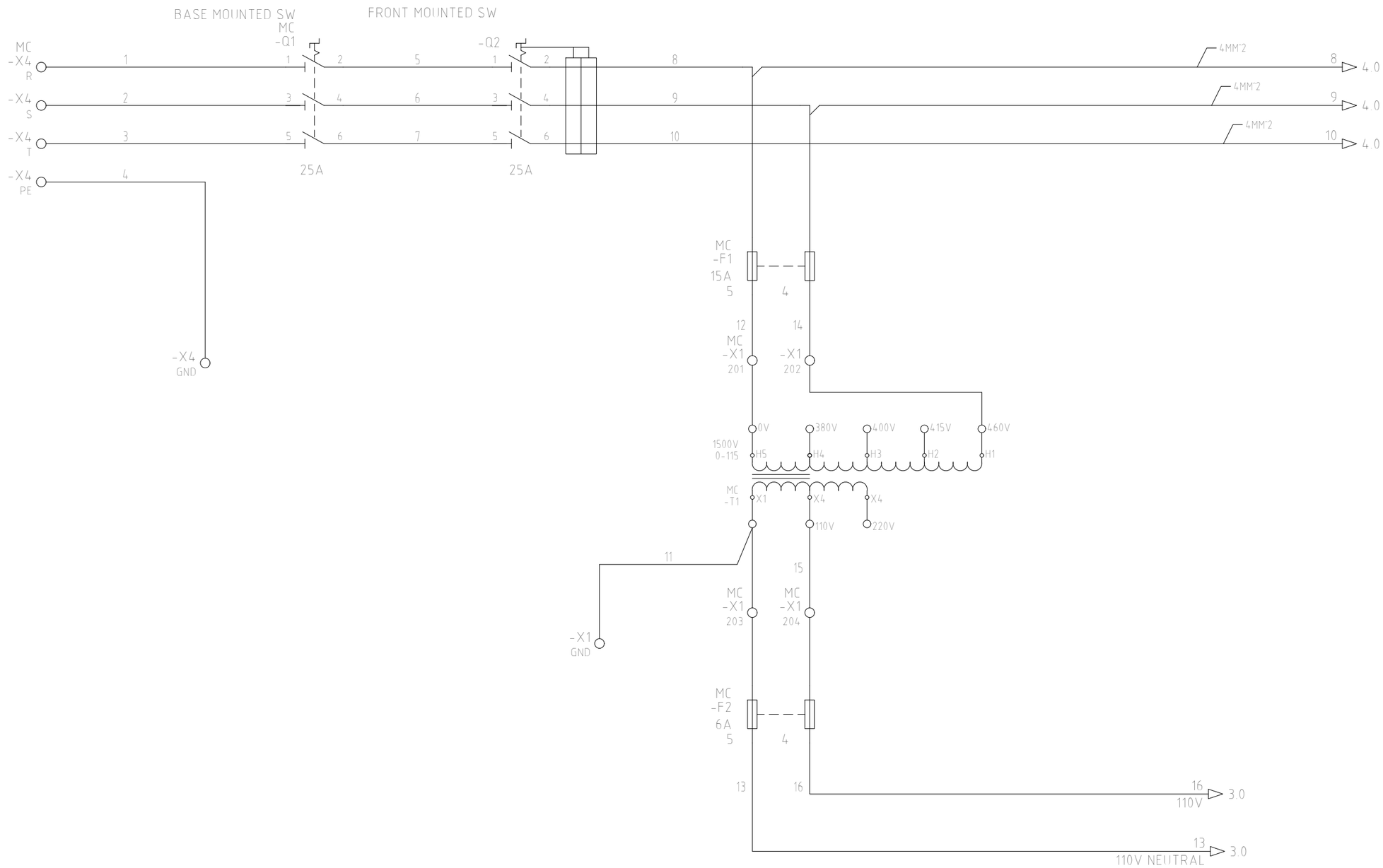

MAIN
CONTROL PANEL (MC)
REF DWG 024
ELECTRICAL UTILITY OUTLET
STACK LIGHT
OS
-H1
ALARM HORN
OPERATOR STATION (OS)
REF DWG 023
PHOTOELECTRIC SWITCHES
FLOW
M
-M1
MAIN DRIVE
M
-M2
POWDER MOTOR FEEDER
M
-S1
ELECTRICAL ENCLOSURE FAN
+M-S4
+M-S2
+M-S3
+M-S5
LIMIT SWITCHES
VALVE CONTROL
M
-Y1
CAPSULE HOPPER AIR VALVE
M
-Y2
DISCHARGE AIR VALVE
M
-Y3
FAULT AIR VALVE
M
-Y4
SEGMENT CLEANING VALVE
M
-Y5
UNUSED
M
-Y6
UNUSED
M
-Y7
UNUSED
M
-Y8
UNUSED
Outlet Terminal
MC
+MC-SQ1
OUTLET
1
MC
+MC-SQ2
OUTLET
2
MC
+MC-SQ3
OUTLET
3
MC
+MC-SQ4
OUTLET
4
MC
+MC-SQ5
OUTLET
5
MC
+MC-SQ6
OUTLET
6
MC
+MC-SQ7
OUTLET
7
MC
+MC-SQ8
OUTLET
8

Autodesk



Autodesk

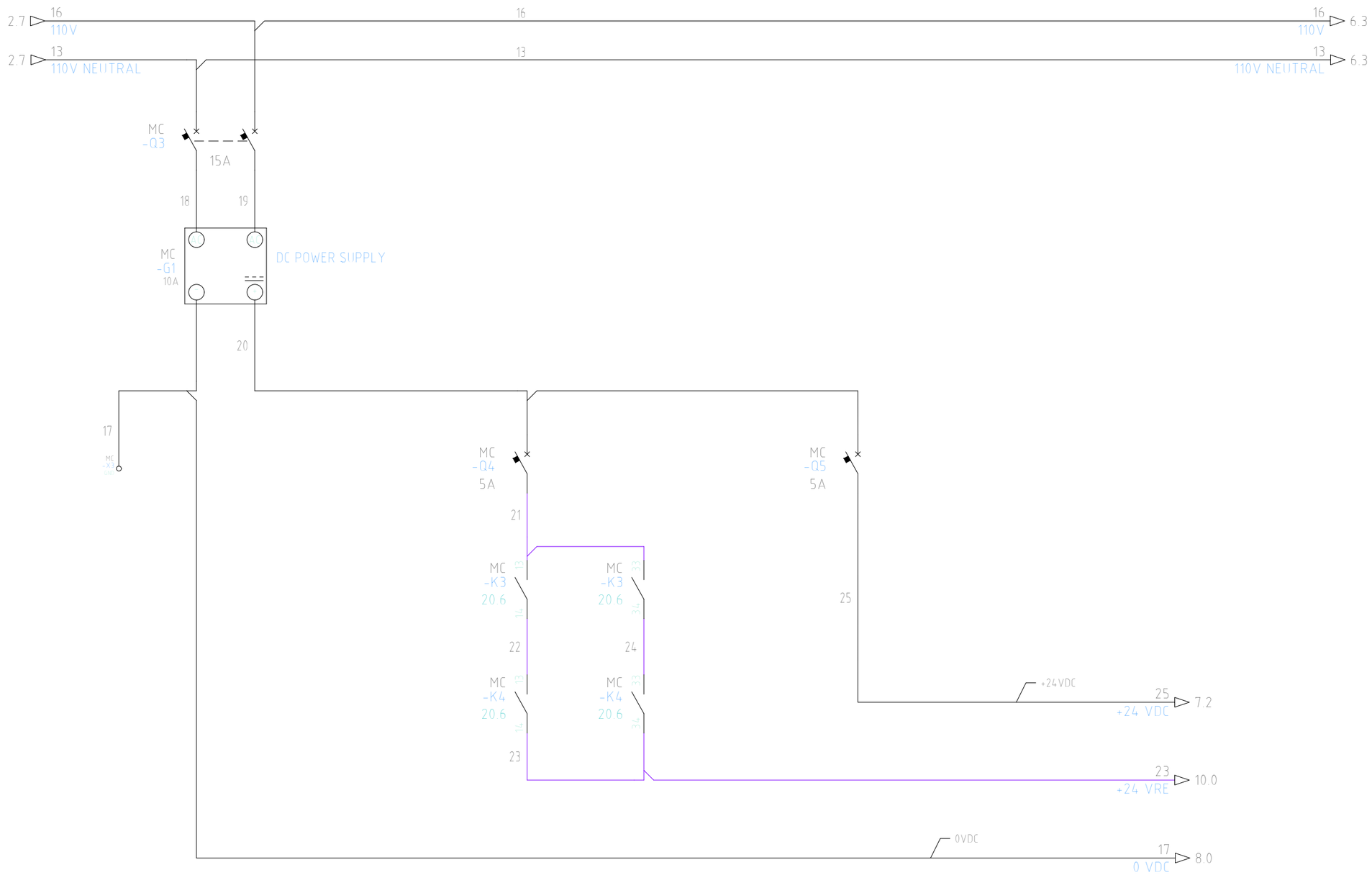
NO.	DATE	REVISION	

TITLE

ENGINEER | CHECKED BY
JOB NO | DRAWN BY
SCALE No Scale | DATE
DWG NO

SHEET NO

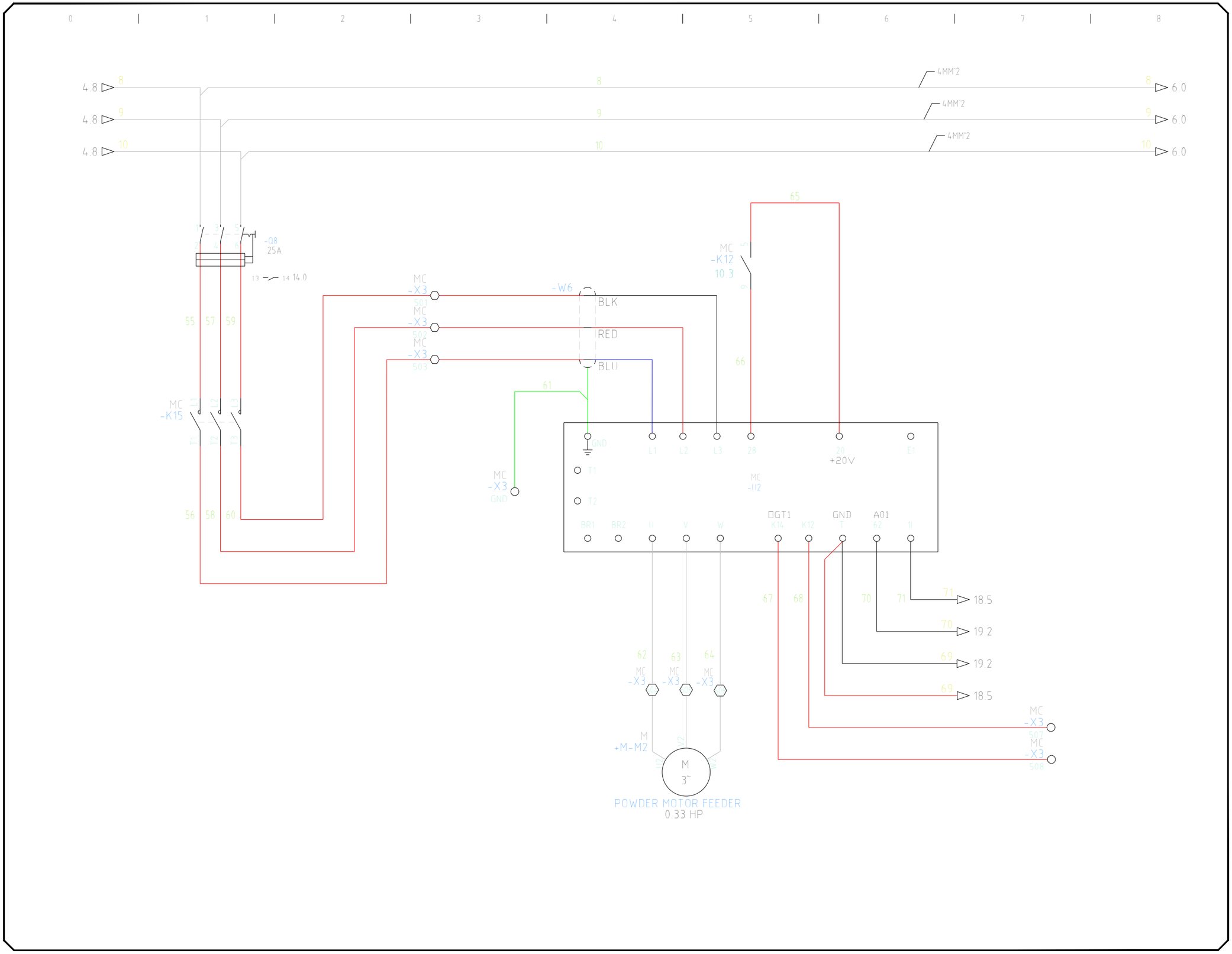
0F



Autodesk

NO.	DATE	REVISION

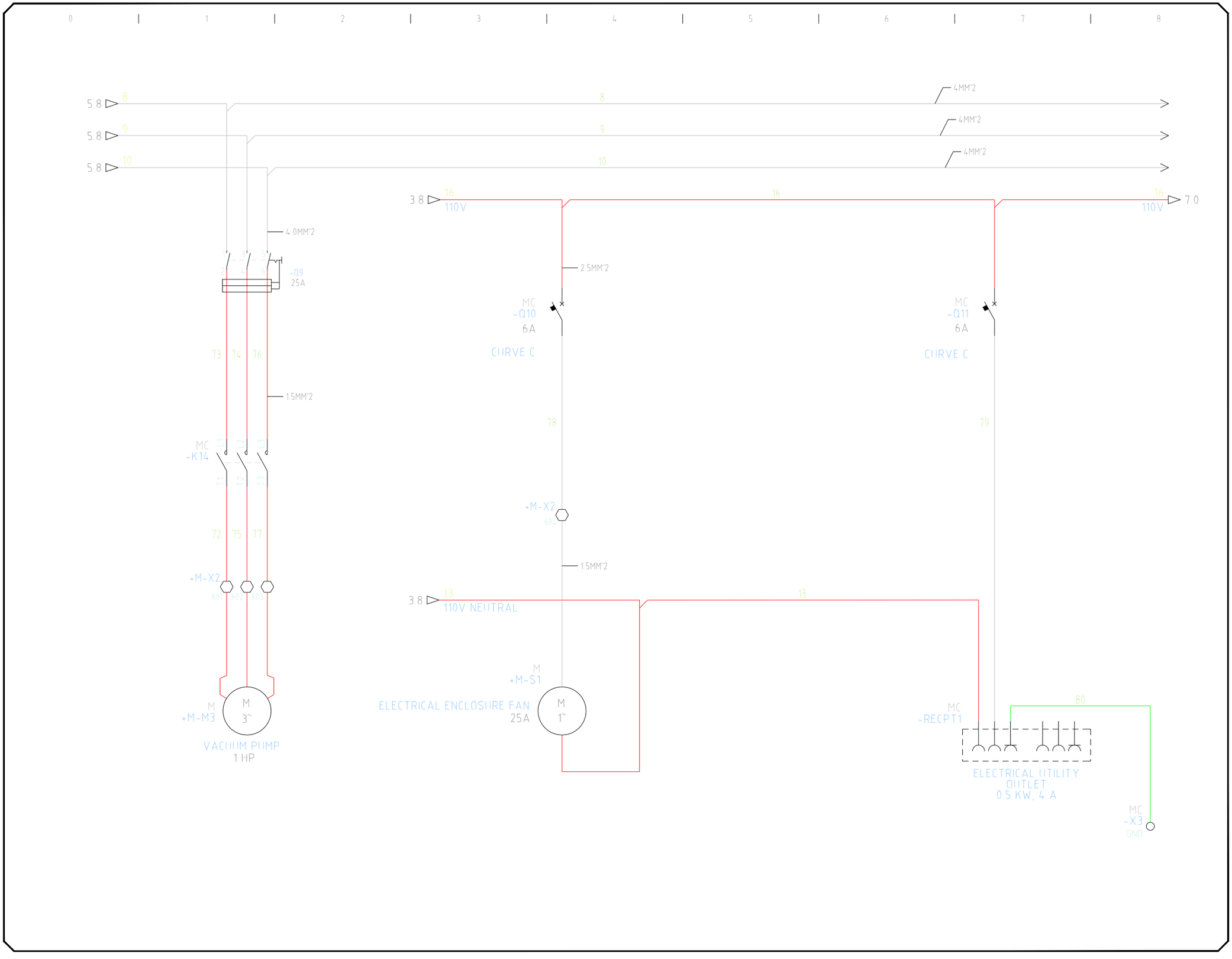
ENGINEER | CHECKED BY
ZONE NO | DRAWN BY
SCALE No Scale | DATE
DWG NO
SHEET NO 0F



Autodesk

No Scale

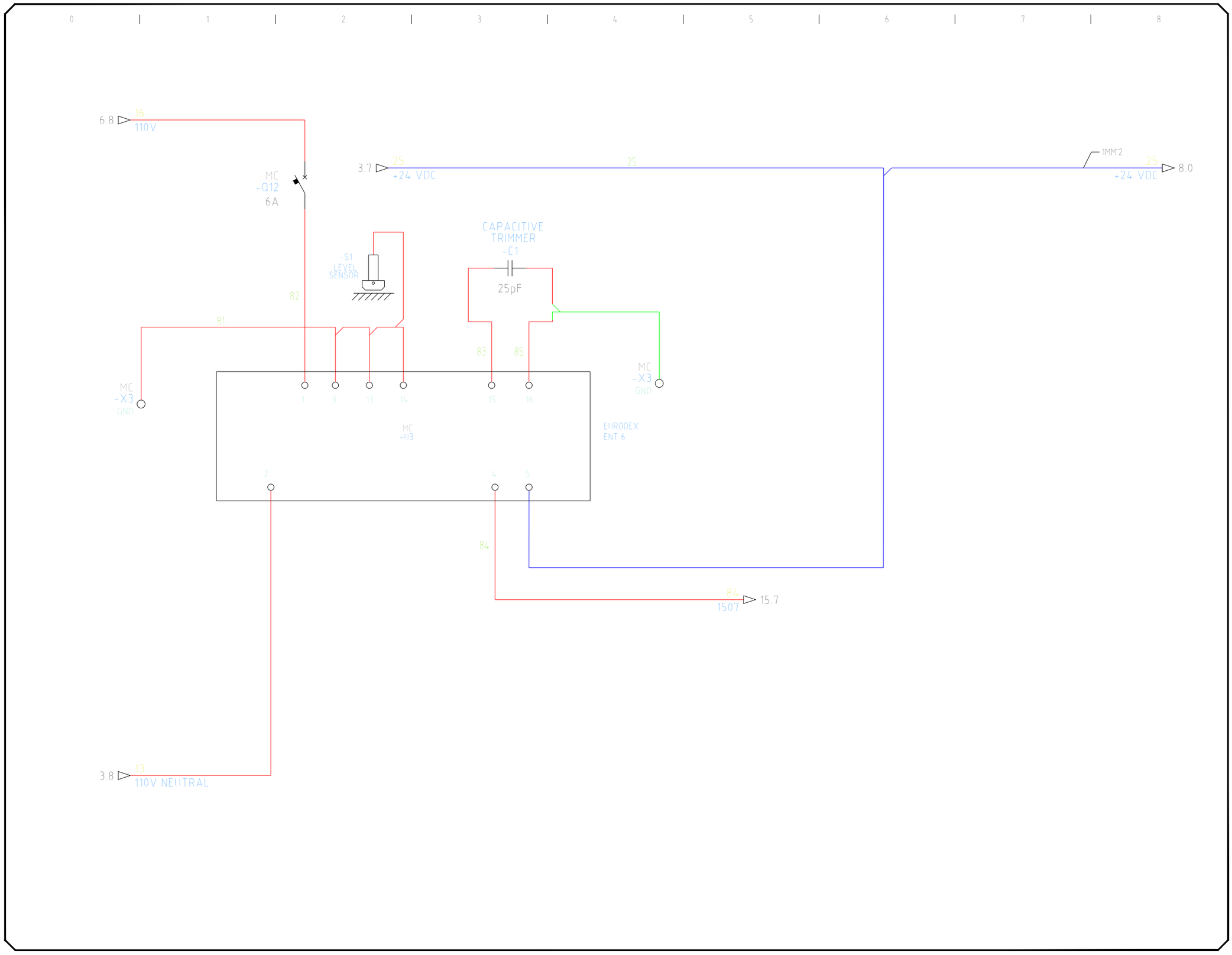
OF



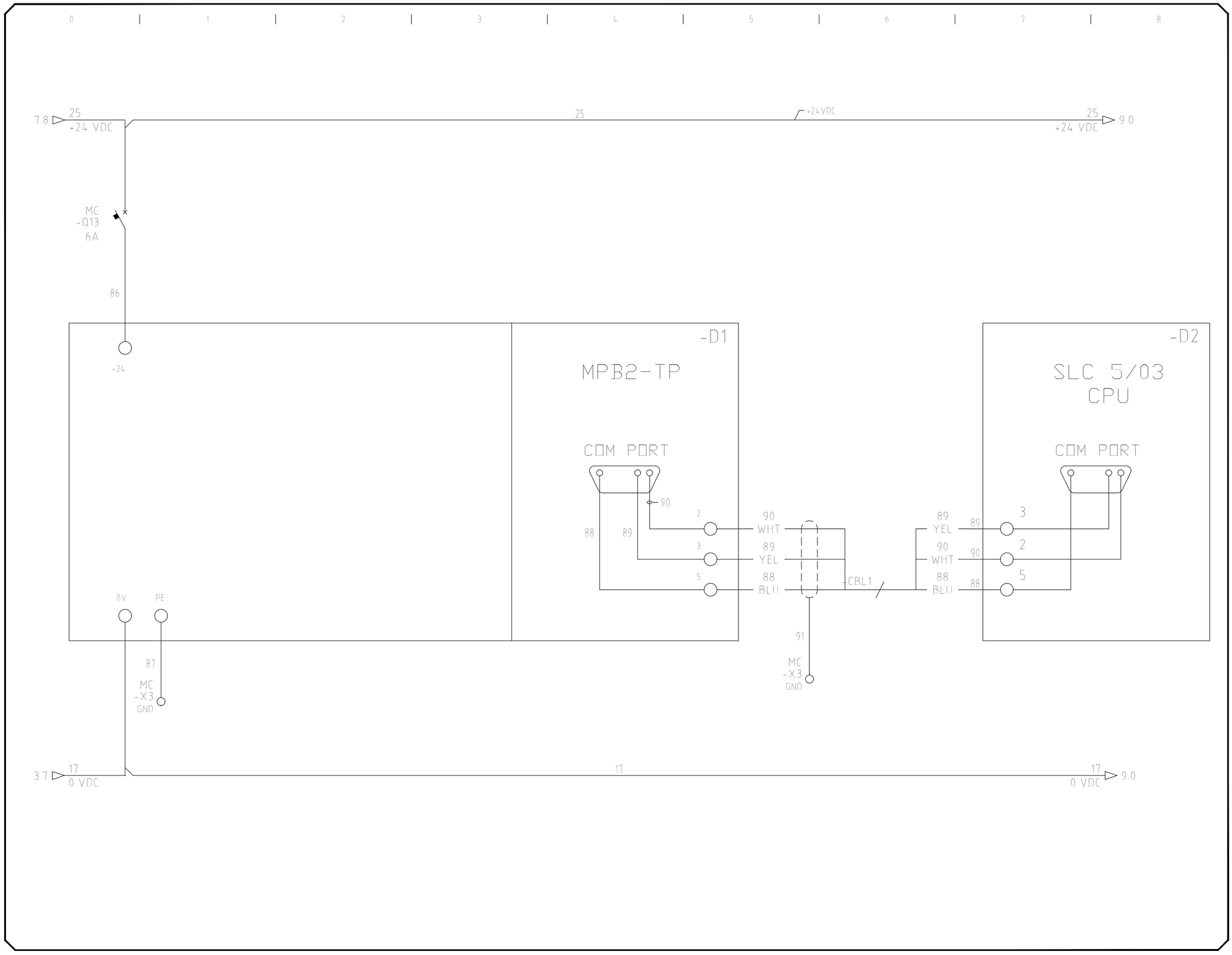
Autodesk

No Scale

0F


6.8
16
110V
MC
-Q12
6A
3.7
25
+24 VDC
25
1MM^2
25
+24 VDC
8.0
CAPACITIVE
TRIMMER
-C1
25pF
-S1
LEVEL
SENSOR
82
81
83
85
MC
-X3
GND
MC
-X3
GND
1
3
13
14
15
16
MC
-U3
EURODEX
ENT 6
2
4
5
84
84
1507
15.7
3.8
13
110V NEUTRAL

Autodesk



Autodesk

NO.	DATE	REVISION	BY

DWG TITLE

ENGINEER | CHECKED BY

JOB NO. | DRAWN BY

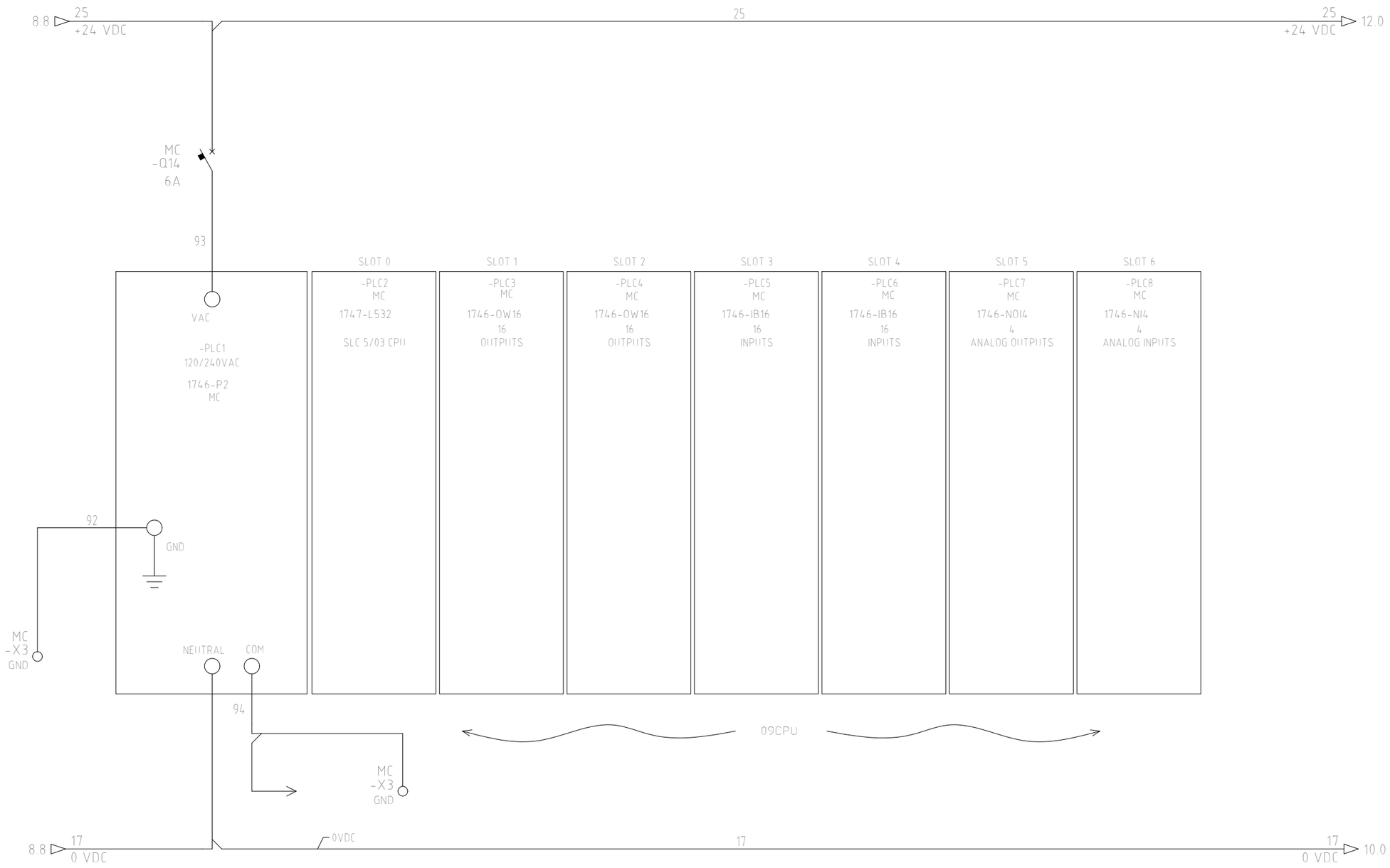
SCALE No Scale | DATE

DWG NO.

SHEET NO.

OF

CAD DWG FILE



Autodesk

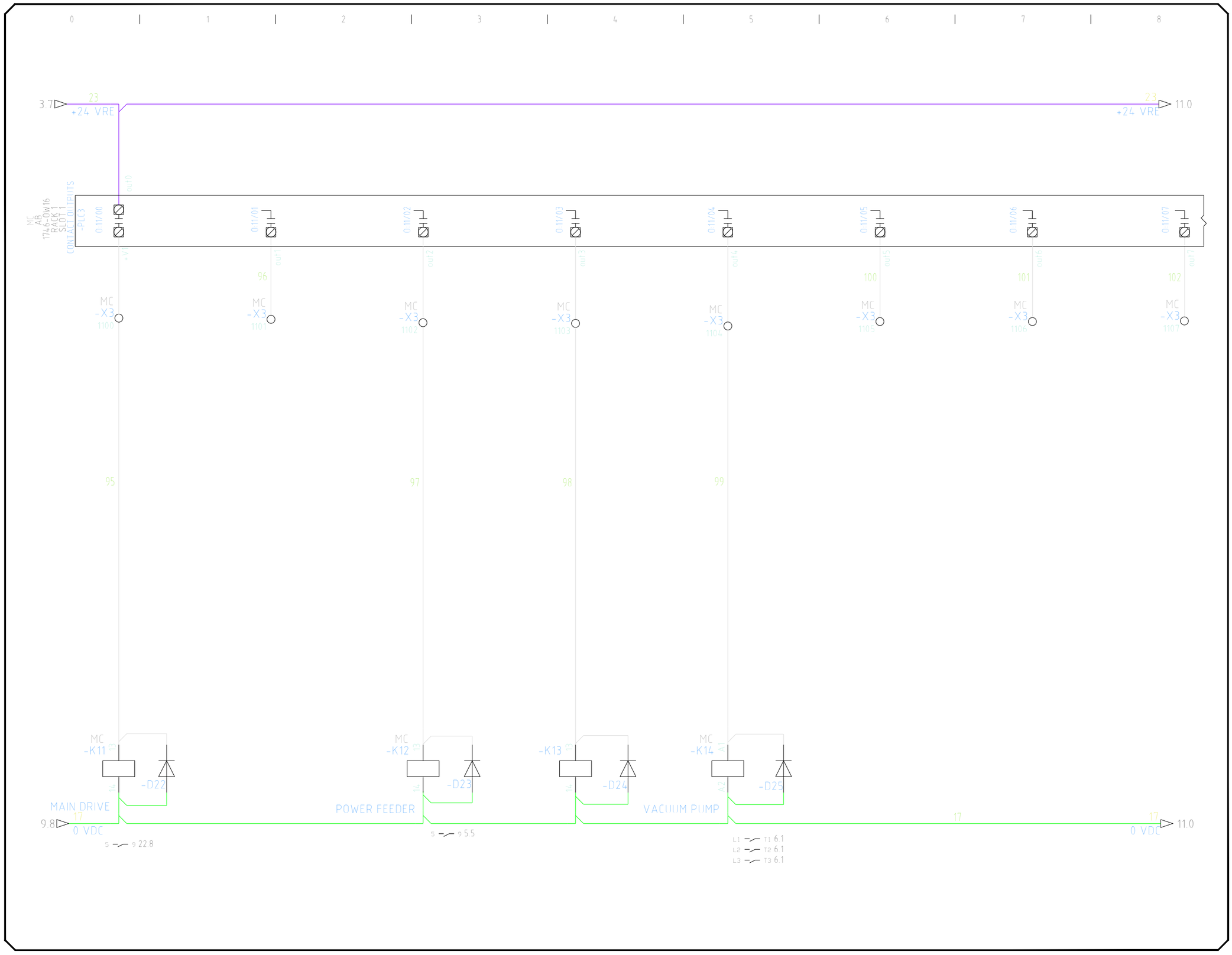
NO.	DATE	REVISION	BY

DWG TITLE

ENGINEER | CHECKED BY
JOB NO. | DRAWN BY
SCALE No Scale | DATE
DWG NO.
SHEET NO.

0F

CAD DWG FILE



Autodesk

REV	DATE	REVISION	

DWG TITLE

DRAWN BY

CHK'D BY

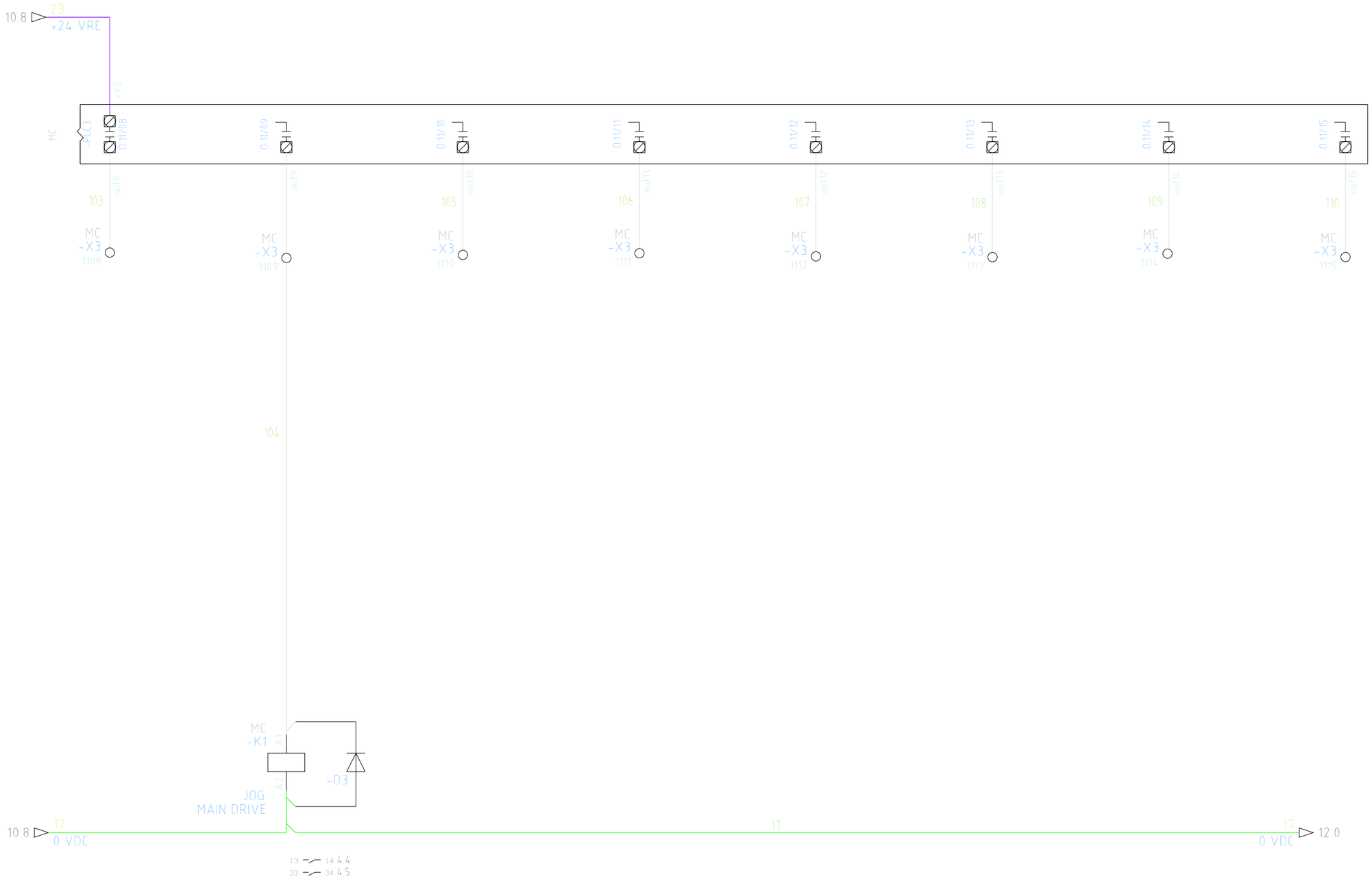
DRAWN BY

SCALE No Scale

DWG NO

SHEET NO

OF



Autodesk

REV	DATE	REVISION	CHK

DWG TITLE

DRAWN BY

DWG NO

DRAWN BY

SCALE

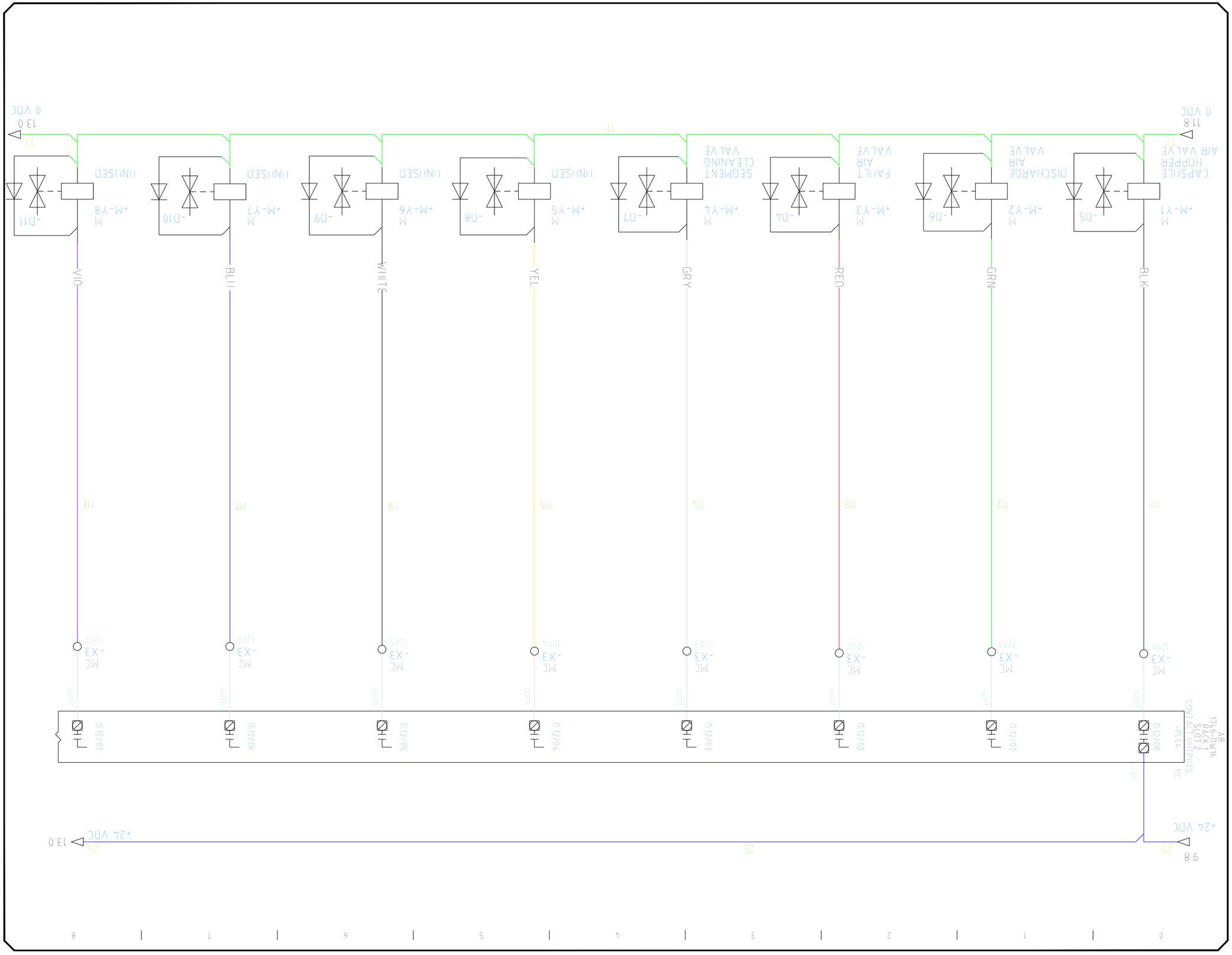
No Scale

SHEET

DWG NO

SHEET NO

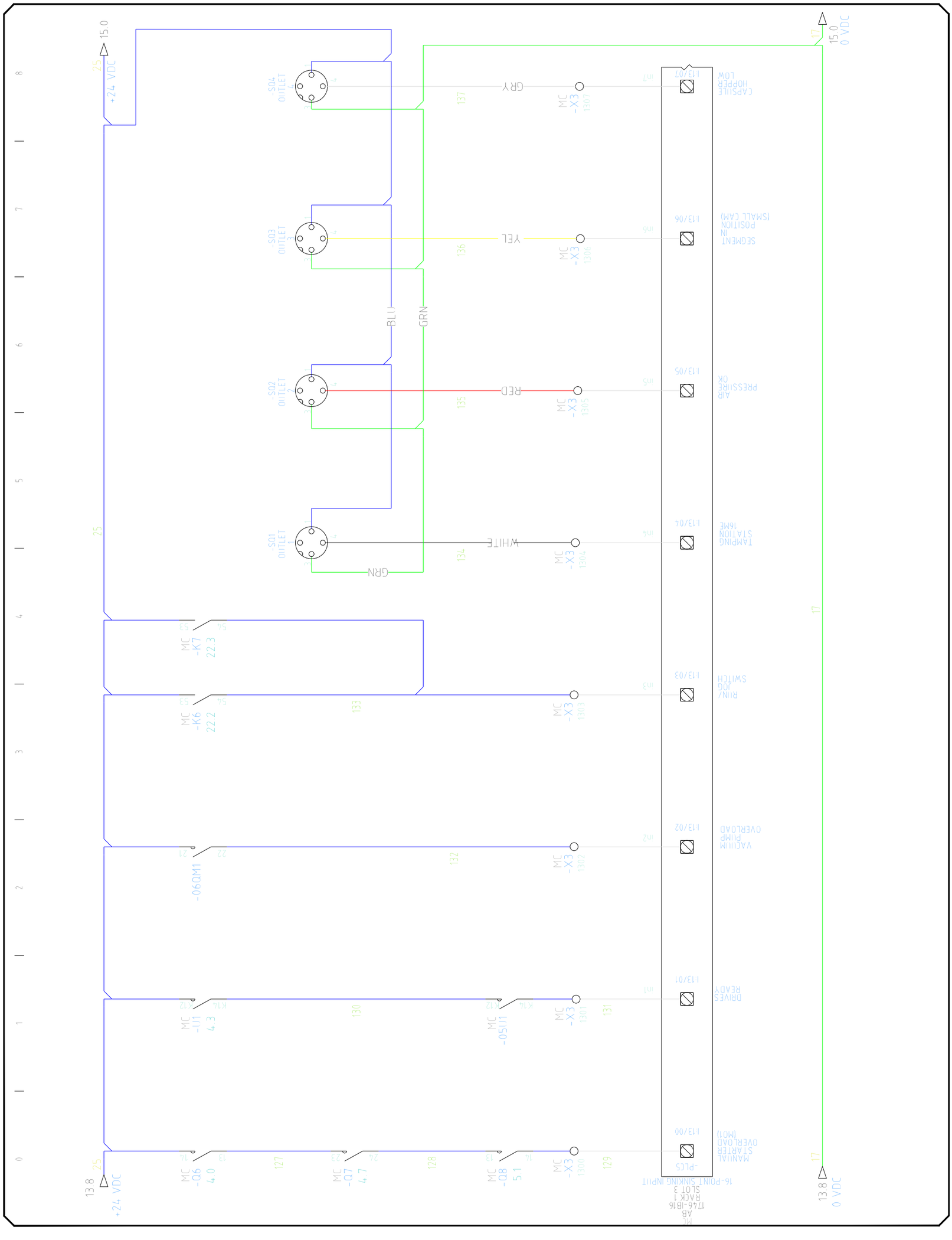
OF


0 VDC
13.0
11.8
CAPSULE HOPPER AIR VALVE
DISCHARGE AIR VALVE
FAULT AIR VALVE
SEGMENT CLEANING VALVE
UNUSED
UNUSED
UNUSED
UNUSED
UNUSED
UNUSED
+M-Y1
+M-Y2
+M-Y3
+M-Y4
+M-Y5
+M-Y6
+M-Y7
+M-Y8
-D5
-D6
-D4
-D7
-D8
-D9
-D10
-D11
BLK
GRN
RED
GRY
YEL
WHITE
BLU
VIO
111
112
113
114
115
116
117
118
-X3
1200
1201
1202
1203
1204
1205
1206
1207
0:12/00
0:12/01
0:12/02
0:12/03
0:12/04
0:12/05
0:12/06
0:12/07
-PLC4
CONTACT OUTPUTS
1746-OW16
RACK 1
SLOT 2
+24 VDC
25
9.8
13.0

Autodesk.

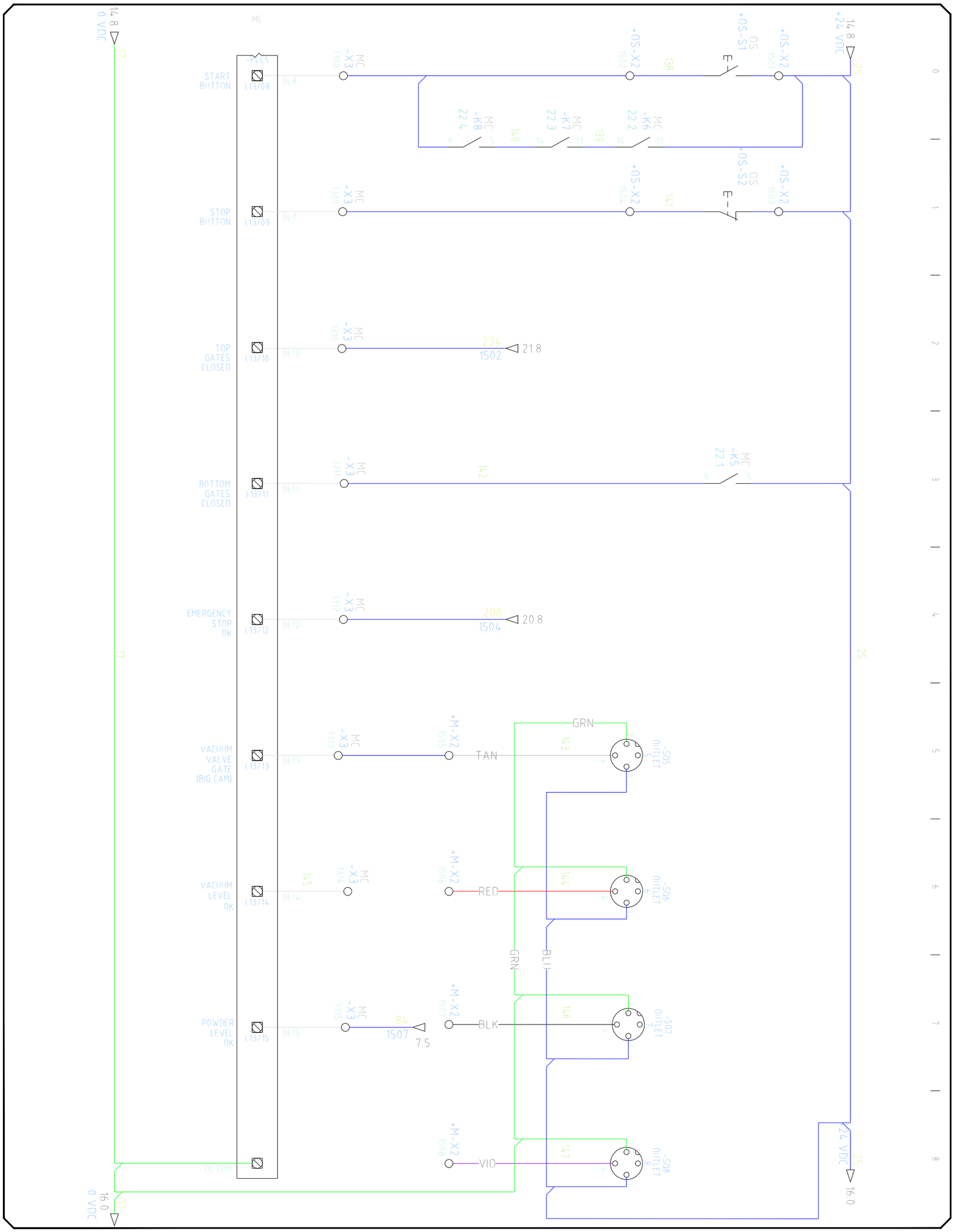
0
1
2
3
4
5
6
7
8
12.8
+24 VDC
25
25
25
+24 VDC
14.0
+VZ
MC
-PEC4
0:12/08
0:12/09
0:12/10
0:12/11
0:12/12
0:12/13
0:12/14
0:12/15
out8
out9
out10
out11
out12
out13
out14
out15
123
124
125
126
MC
-X3
1208
1209
1210
1211
1212
1213
1214
1215
119
120
121
122
-X4
201
GRY
-X4
202
-X4
203
OS
+OS-H1
ALARM
HORN
MC
-K2
ENGAGE
BRAKE
-D12
OS
+OS-H2
RED
STACKLIGHT
(EMERGENCY)
OS
+OS-H3
YELLOW
STACKLIGHT
(ALARM)
17
17
17
12.8
0 VDC
3
4 4.7
0 VDC
14.0

Autodesk



Autodesk.

Checked by			
Drawn by			
Date	No Scale		
Sheet No			01

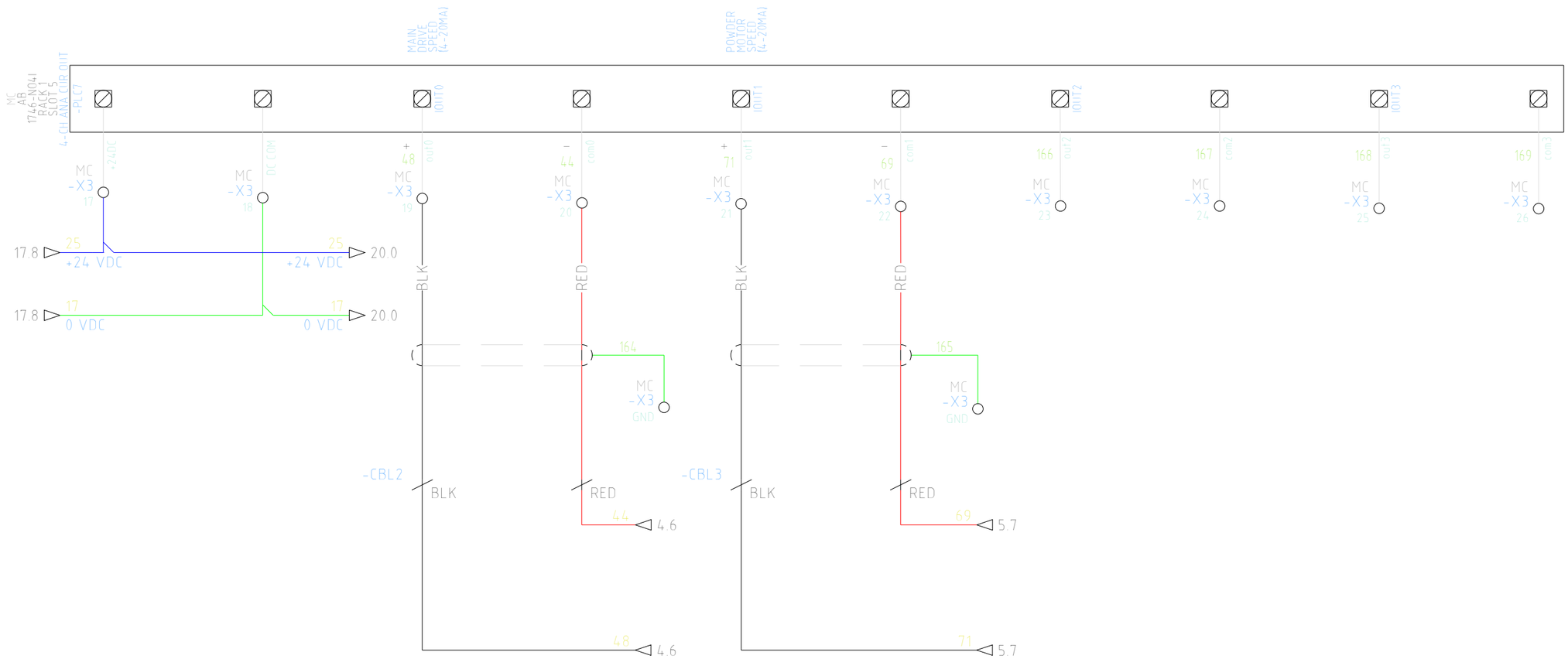

14.8
0 VDC
MC
START BUTTON
STOP BUTTON
TOP GATES CLOSED
BOTTOM GATES CLOSED
EMERGENCY STOP OK
VACUUM VALVE GATE (BIG CAM)
VACUUM LEVEL OK
POWDER LEVEL OK
DC-COM
+OS-X2
OS +OS-S1
OS +OS-S2
MC -K6 22.2
MC -K7 22.3
MC -K8 22.4
MC -K5 22.1
MC -X3
+M-X2
-SQ5 OUTLET
-SQ6 OUTLET
-SQ7 OUTLET
-SQ8 OUTLET
234
1502
21.8
142
208
1504
20.8
84
1507
7.5
TAN
RED
BLK
VIO
GRN
BLU
14.8
+24 VDC
24 VDC
16.0
0 VDC

Autodesk

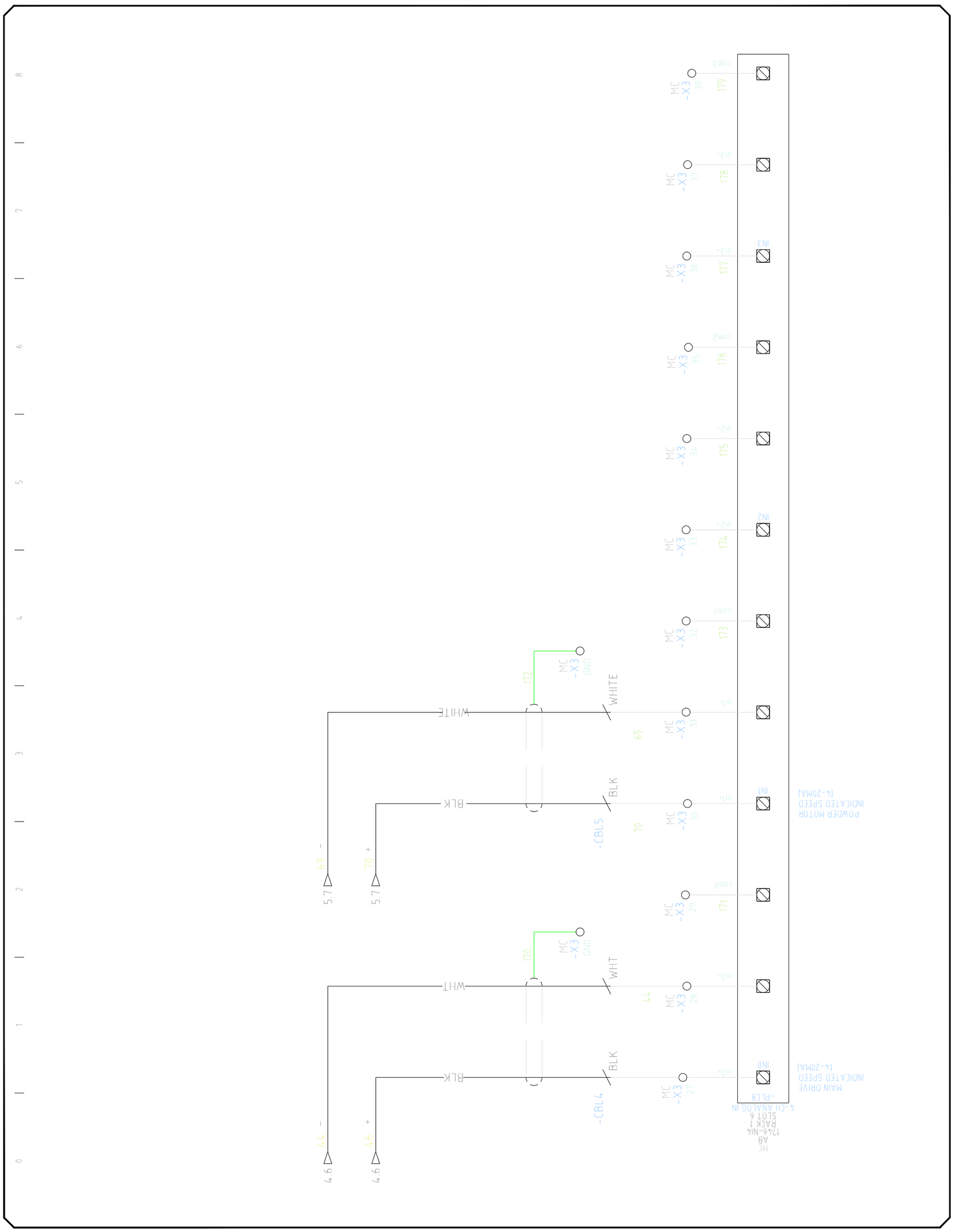
+24 VDC
0 VDC
CAPSULE #1 PHOTO SWITCH
CAPSULE #2 PHOTO SWITCH
CAPSULE #3 PHOTO SWITCH
CAPSULE #4 PHOTO SWITCH
CAPSULE #5 PHOTO SWITCH
CAPSULE #6 PHOTO SWITCH
CAPSULE #7 PHOTO SWITCH
CAPSULE #8 PHOTO SWITCH
+M-B1
+M-B2
+M-B3
+M-B4
+M-B5
+M-B6
+M-B7
+M-B8
+M-X2
MC -X3
-PLC6
16-POINT SINKING INPUT

MC
-PLC6
CAPSULE #9 PHOTO SWITCH
CAPSULE #10 PHOTO SWITCH
CAPSULE #11 PHOTO SWITCH
CAPSULE #12 PHOTO SWITCH
CAPSULE #13 PHOTO SWITCH
CAPSULE #14 PHOTO SWITCH
CAPSULE #15 PHOTO SWITCH
CAPSULE #16 PHOTO SWITCH
I:14/08
I:14/09
I:14/10
I:14/11
I:14/12
I:14/13
I:14/14
I:14/15
IN 8
IN 9
IN 10
IN 11
IN 12
IN 13
IN 14
IN 15
DC COM
0 VDC
16.8
18.0
+24 VDC
+M-B9
+M-B10
+M-B11
+M-B12
+M-B13
+M-B14
+M-B15
+M-B16
+M-X2
MC -X3
156
157
158
159
160
161
162
163
17
25

Autodesk

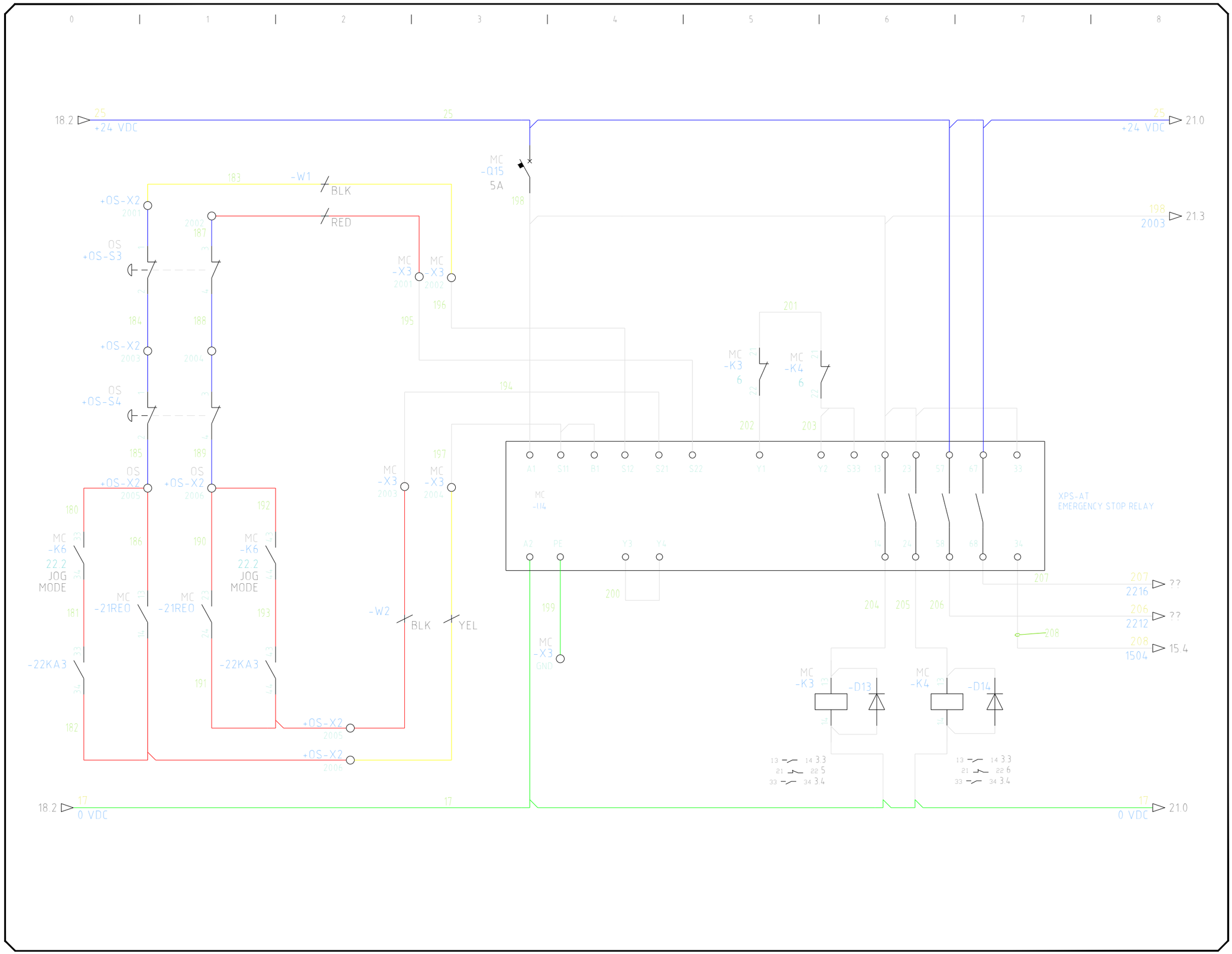

MC
AB
1746-NO4I
RACK 1
SLOT 5
4 CH ANA CUR OUT
-PLC7
MAIN DRIVE SPEED (4-20MA)
POWDER MOTOR SPEED (4-20MA)
IOUT0
IOUT1
IOUT2
IOUT3
+24DC
DC COM
out0
com0
out1
com1
out2
com2
out3
com3
MC -X3 17
MC -X3 18
MC -X3 19
MC -X3 20
MC -X3 21
MC -X3 22
MC -X3 23
MC -X3 24
MC -X3 25
MC -X3 26
17.8
25
+24 VDC
20.0
17
0 VDC
48
44
71
69
166
167
168
169
BLK
RED
164
165
MC -X3 GND
-CBL2
-CBL3
4.6
5.7

Autodesk



Autodesk.

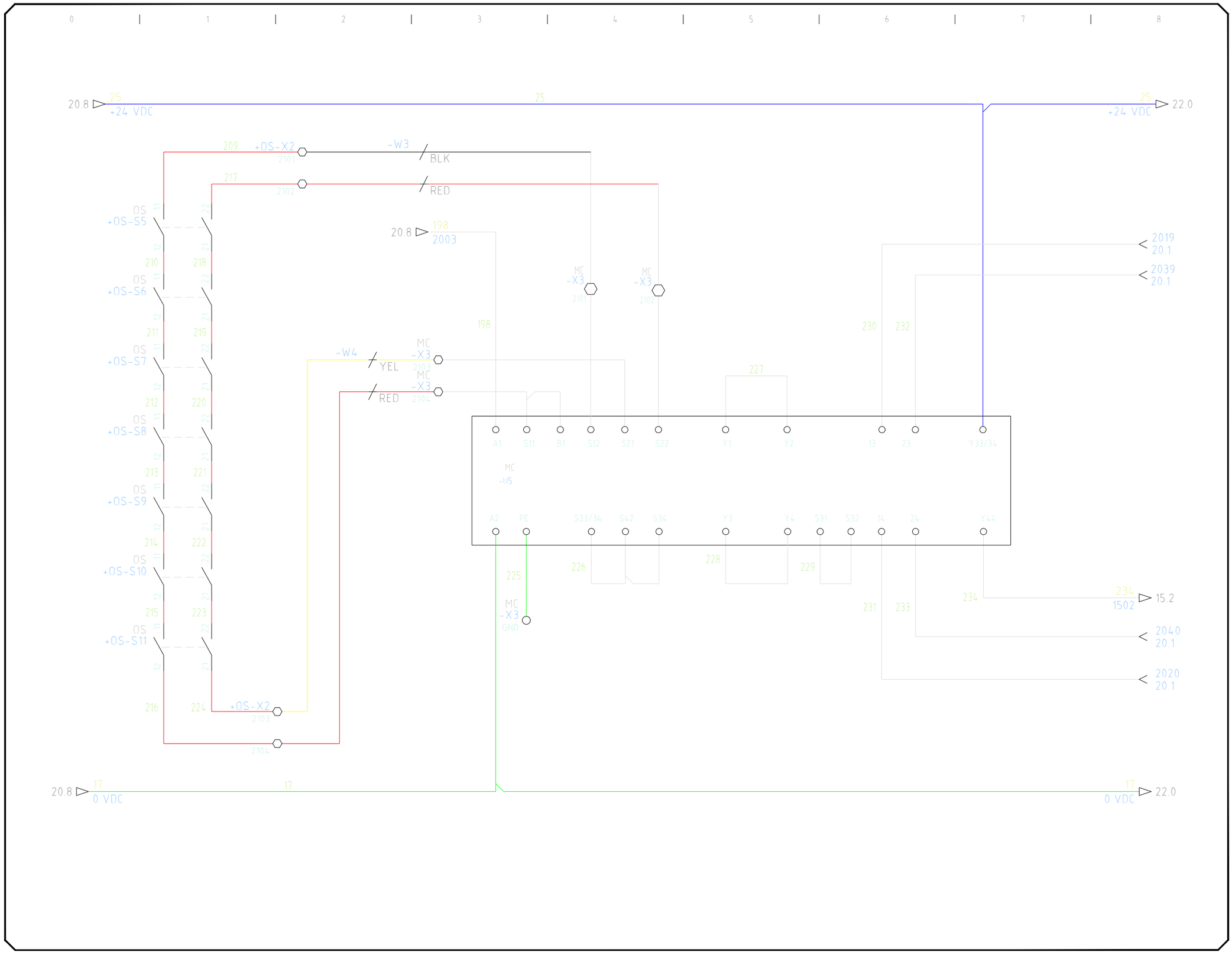
Checked By	
Drawn By	
Date	No Scale
Sheet	10 of 10



Autodesk

No Scale

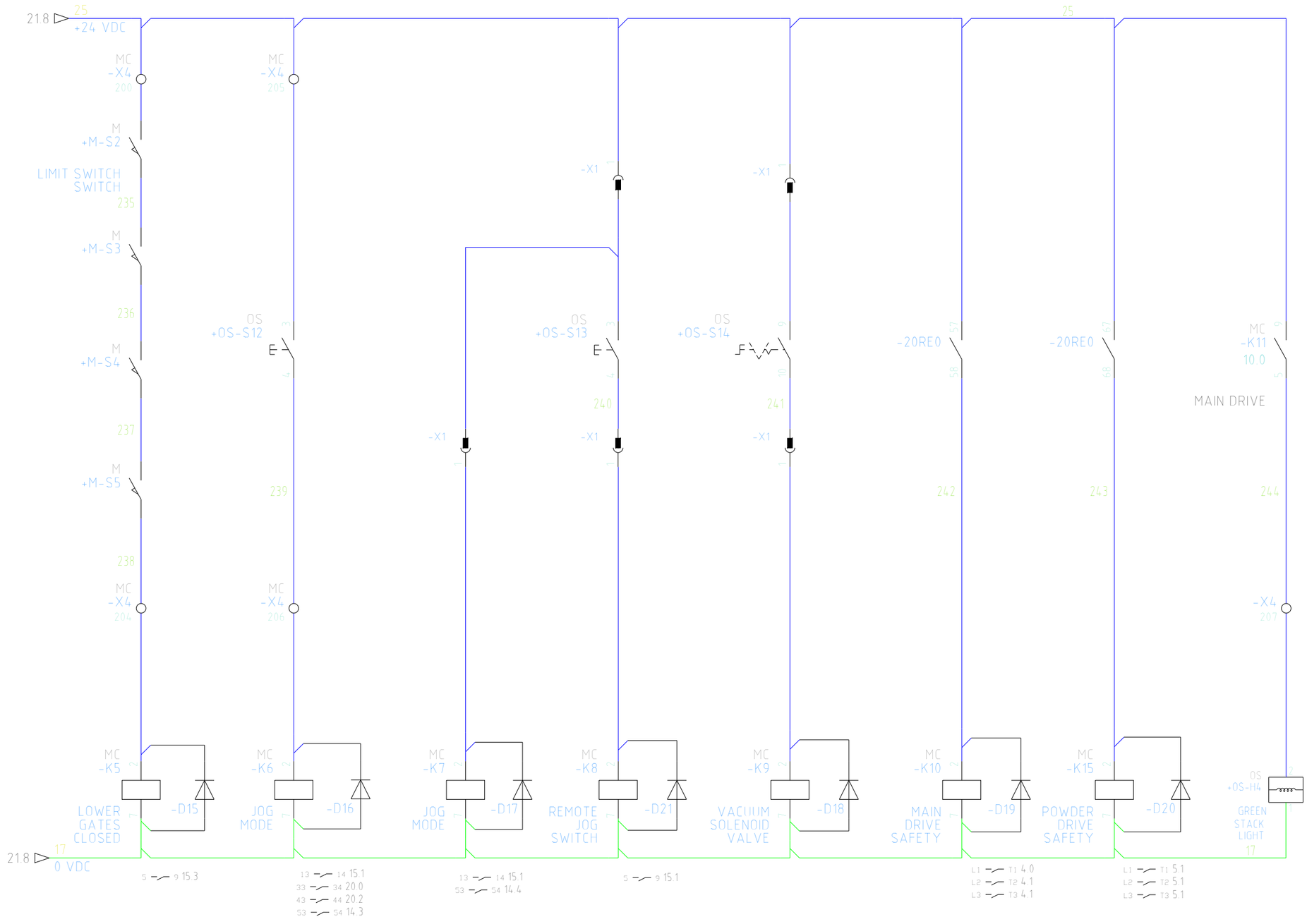
OF



Autodesk

ENGINEER		CHECKED BY	
DATE		DATE	
SCALE	No Scale	DATE	

OF



Autodesk

DRAWN BY	CHECKED BY
DWG NO	DRAWN BY
SCALE No Scale	DATE
DWG NO	
SHEET NO	0F