



Denton Vacuum  
1259 North Church St.  
Moorestown, NJ 08057  
Tel: 856-439-9100  
www.dentonvacuum.com

ELECTRICAL DRAWINGS

SHEET #	DRAWING #	DRAWING DESCRIPTION	REV.
1	BTT0201-73543	POWER DISTRIBUTION	0
2	BTT0202-73543	POWER DISTRIBUTION	0
3	BTT0203-73543	POWER DISTRIBUTION	0
4	BTT0301-73543	HEAT CONTROL	0
5	BTT0302-73543	HEAT CONTROL	0
6	BTT0401-73543	LOW VOLTAGE CONTROL	0
7	BTT0402-73543	LOW VOLTAGE CONTROL	0
8	BTT0501-73543	VACUUM CONTROL GAUGING	0
9	BTT0502-73543	VACUUM CONTROL GAUGING	0
10	BTT0601-73543	SPARE	0
11	BTT0701-73543	SUBSTRATE ROTATION CONTROL	0
12	BTT0801-73543	PUMPING CONTROL	0
13	BTT0802-73543	PUMPING CONTROL	0
14	BTT0803-73543	PUMPING CONTROL	0
15	BTT0901-73543	GAS CONTROL	0
16	BTT0902-73543	GAS CONTROL	0
17	BTT1001-73543	SOURCE CONTROL	0
18	BTT1002-73543	SOURCE CONTROL	0
19	BTT1003-73543	SOURCE CONTROL	0
20	BTT1004-73543	SOURCE CONTROL	0
21	BTT1101-73543	DEPOSITION CONTROL	0
22	BTT1102-73543	DEPOSITION CONTROL	0
23	BTT1201-73543	SPARE	0
24	BTT1301-73543	GLOW DISCHARGE CONTROL	0
25	BTT1302-73543	GLOW DISCHARGE CONTROL	0
26	BTT1401-73543	SPARE	0
27	BTT1501-73543	PLC CONTROL	0
28	BTT1502-73543	PLC CONTROL	0

UNIVERSITY OF NEVADA  
RENO

ELECTRICAL DRAWINGS

SHEET #	DRAWING #	DRAWING DESCRIPTION	REV.
29	BTT1503-73543	PLC CONTROL	0
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ARCHITECTURE DRAWINGS

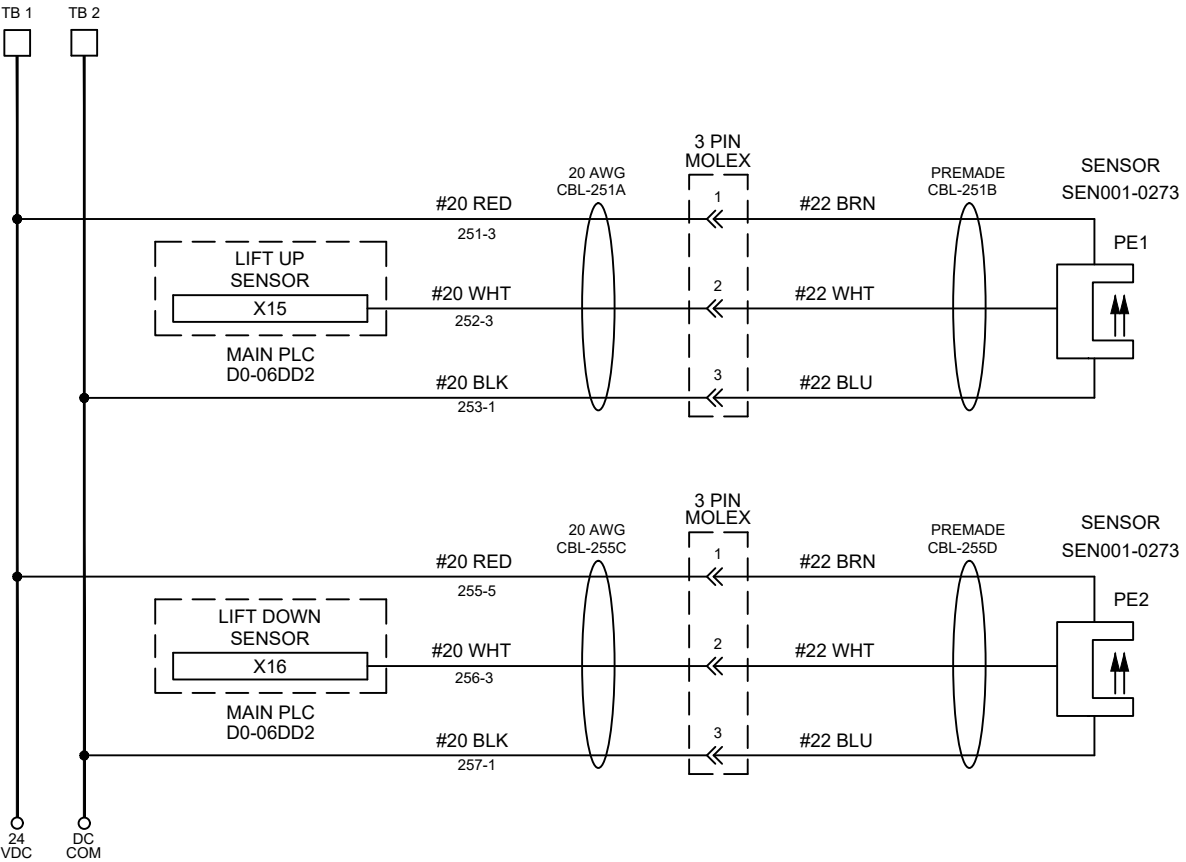
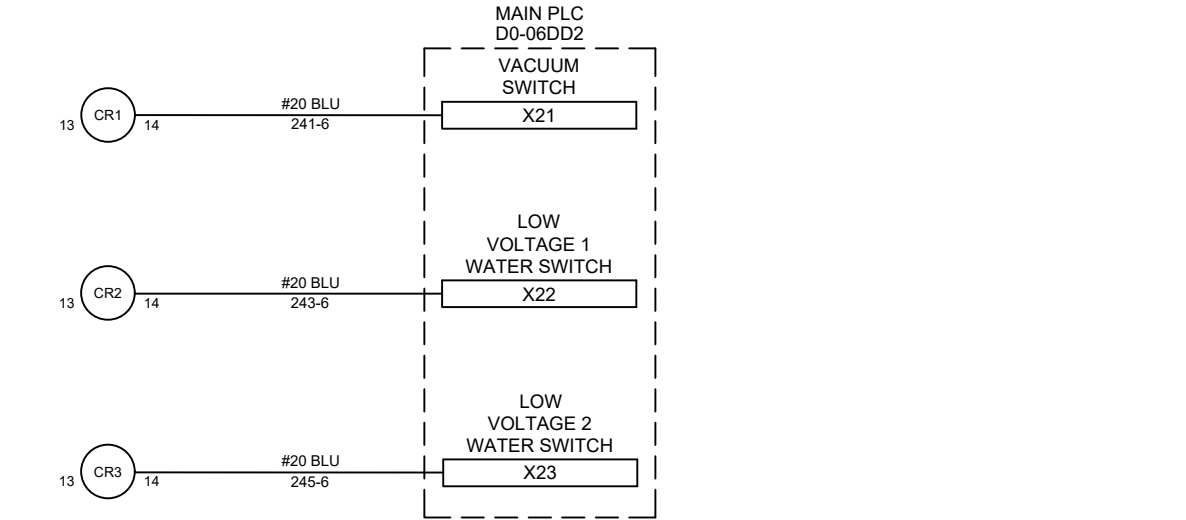
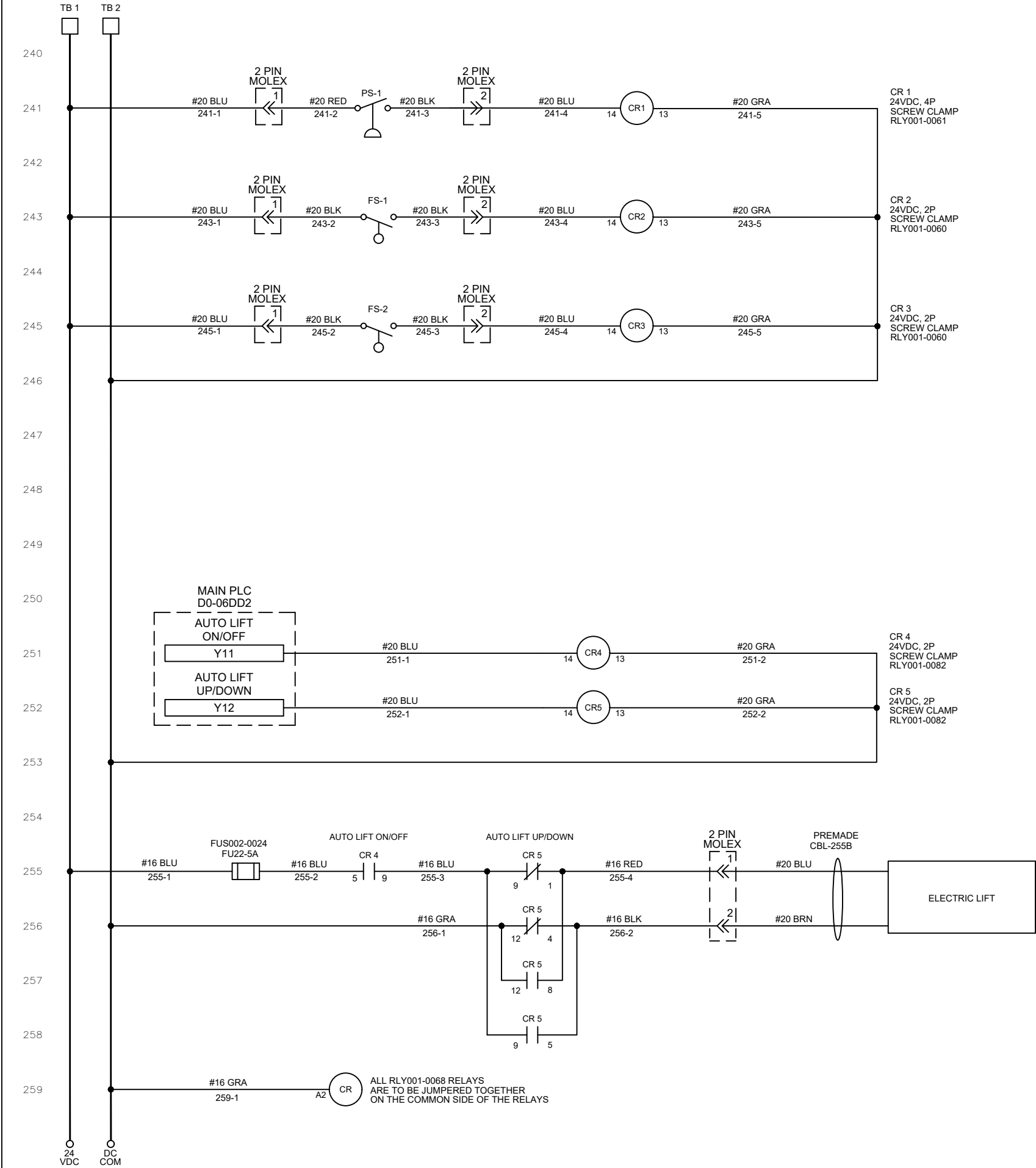
SHEET #	DRAWING #	DRAWING DESCRIPTION	REV.
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DRAWING PACKAGE NOTES

SHEET #	DRAWING #	DRAWING DESCRIPTION	REV.
			0







- NOTES:
- (1) ☐ DENOTES TB CONTROL PANEL
- (2) ☒ DENOTES TB POWER PANEL
- (3) MULTICONDUCTOR SHIELDED CABLE
- (4) ALL FUSE SIZES SHOULD BE RECHECKED WITH INSTRUMENT FACEPLATE
- (5) REFERENCE NUMBER (2:200) EQUATES TO SHEET 2 LINE 200 (EXAMPLE)
- (6) ALL WIRES WILL BE 16 GAUGE, UNLESS OTHERWISE SPECIFIED
- (7) JUMPER PIN 1 & 2 OF FS-1 & FS-2 IF NOT INSTALLED

CLC P/N	QTY	DESCRIPTION			DWG/PART NO ITEM
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TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED			DATE	DRAWN	
BASIC DIMENSIONS	2 PLACES	3 PLACES	MSM	05/24/18	CHECKED
UP TO 6	±.02	±.025			DATE
6 TO 24	±.03	±.035			
ABOVE 24	±.04	±.045	APPD.		DATE
ANGULAR DIMENSIONS ± 1/2°			UNLESS OTHERWISE SPECIFIED		
POWER DISTRIBUTION					
7354.3			SECRET	NONE	SHEET 3 of 29

DENTON VACUUM  
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BENCH TOP TURBO  
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NEVADA, RENO

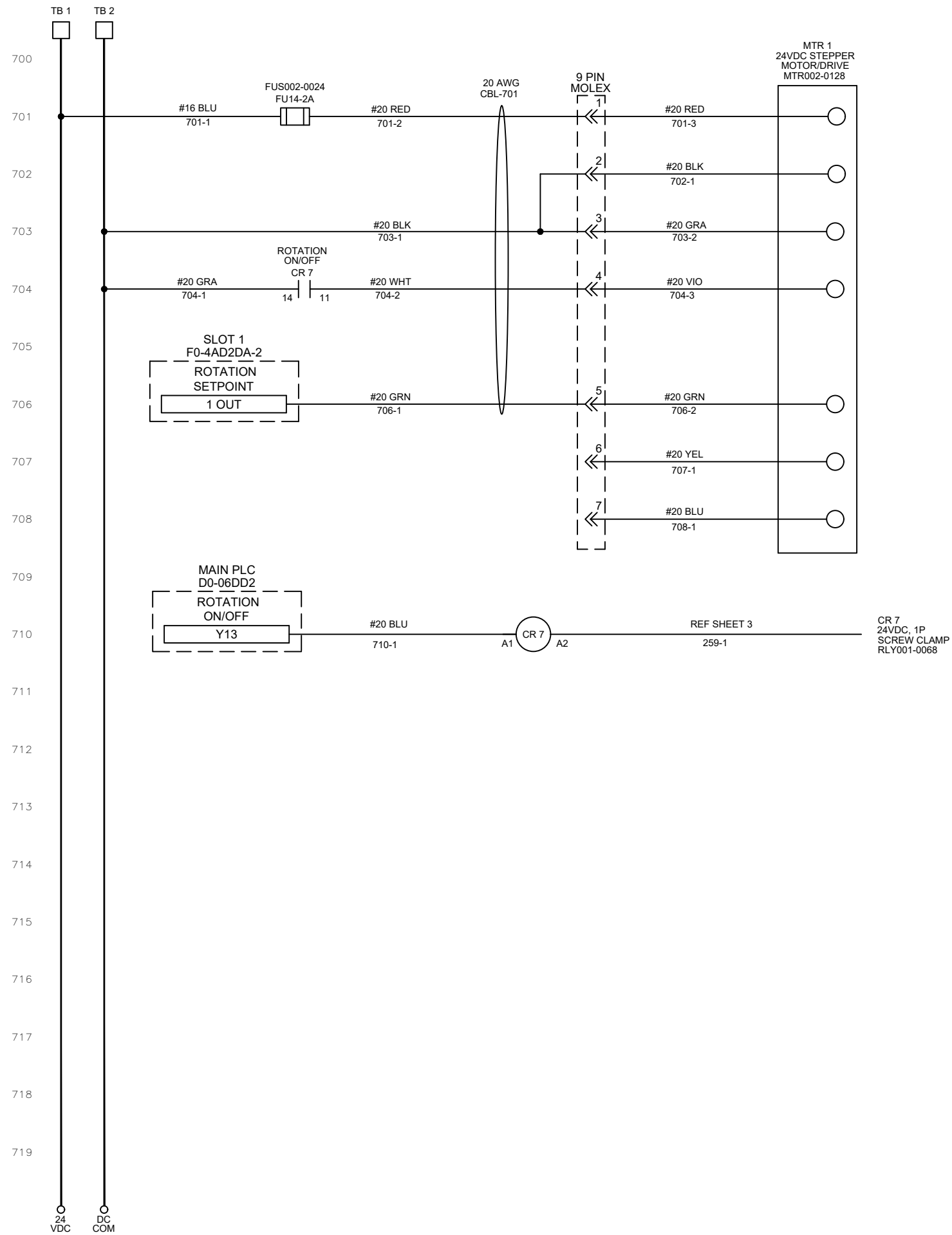
BT0203-73543







SYM	REVISION DESCRIPTION	DATE	APPROVED
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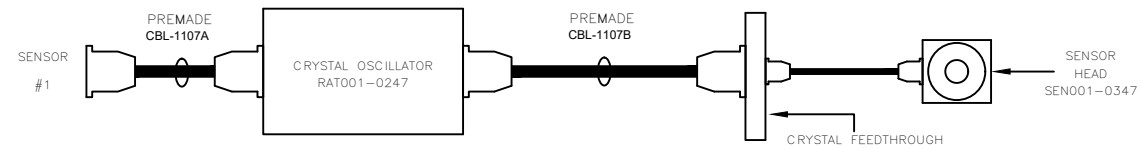
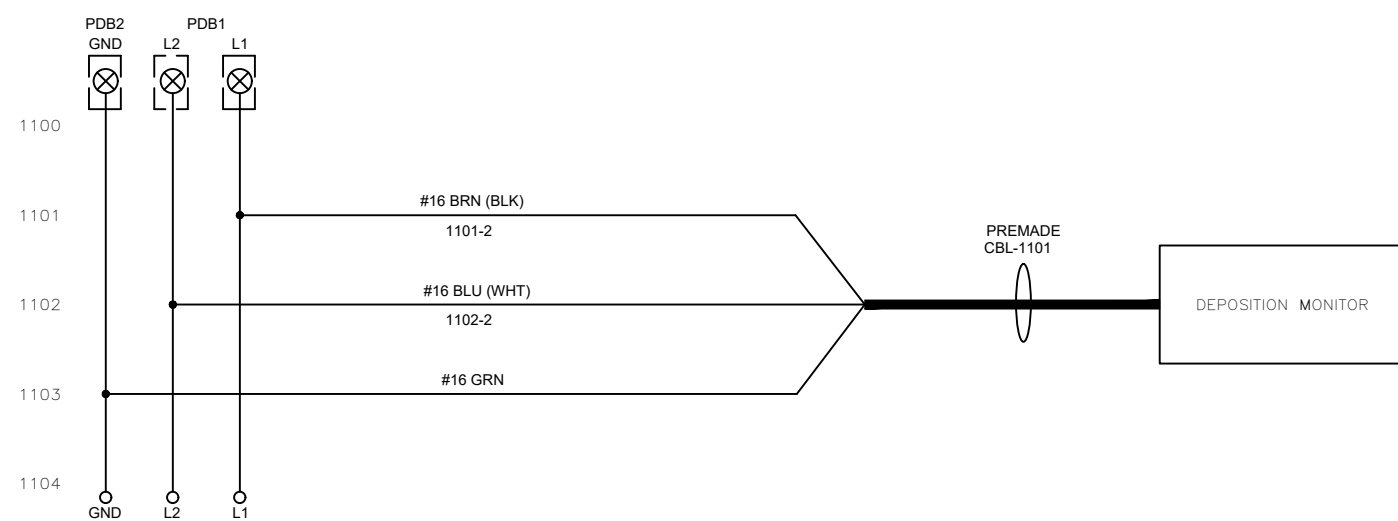
- NOTES:
- (1) ☐ DENOTES TB CONTROL PANEL
  - (2) ☒ DENOTES TB POWER PANEL
  - (3) ↓ MULTICONDUCTOR SHIELDED CABLE
  - (4) ALL FUSE SIZES SHOULD BE RECHECKED WITH INSTRUMENT FACEPLATE
  - (5) REFERENCE NUMBER (2-200) EQUATES TO SHEET 2 LINE 200 (EXAMPLE)
  - (6) ALL WIRES WILL BE 16 GAUGE, UNLESS OTHERWISE SPECIFIED

C/LC	P/N	QTY	DESCRIPTION				DWG/PART NO.	ITEM	
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TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED							DRAWN	DATE	
FRACTIONAL DIMENSIONS DECIMALS							MSM	05/24/18	
							CHECKED		
UP TO .8 INCH .010 .005									
.8 TO .24 INCH .005 .003									
.24 TO .010 INCH .003 .001							AHPD.	DATE	
ANGULAR DIMENSIONS < 1/2°									
ALL SURFACES TO BE FINISHED UNLESS OTHERWISE SPECIFIED									REF -
SUBSTRATE ROTATION CONTROL									
FROM:	73543	SOURCE:	NONE	SHEET:	11	OF	29		










- NOTES:
- (1) ☐ DENOTES TB CONTROL PANEL
  - (2) ☒ DENOTES TB POWER PANEL
  - (3) ↓ MULTICONDUCTOR SHIELDED CABLE
  - (4) ALL FUSE SIZES SHOULD BE RECHECKED WITH INSTRUMENT FACEPLATE
  - (5) REFERENCE NUMBER (2-200) EQUATES TO SHEET 2 LINE 200 (EXAMPLE)
  - (6) ALL WIRES WILL BE 16 GAUGE, UNLESS OTHERWISE SPECIFIED

CLC / D/C		D/C#		DESCRIPTION		DWG/PART NO. ITEM	
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TOLERANCES ON DIMENSIONS				DRAWN		DATE	
MISM				05/24/18			
TYPICAL DIMENSION		TYPICAL DECIMALS		CHECKED		DATE	
UP TO .6		.0005					
ABOVE .6 TO .24		.0010		APPD.		DATE	
ABOVE .24		.0015					
ANGULAR DIMENSIONS ± 1/2°							
ALL SURFACES TO BE $\sqrt{2}$ UNLESS OTHERWISE SPECIFIED				BTT1101-73543 <span style="float: right;">REV. _____</span>			
DEPOSITION CONTROL				PROJ. 73543		SHEET 21 of 29	



