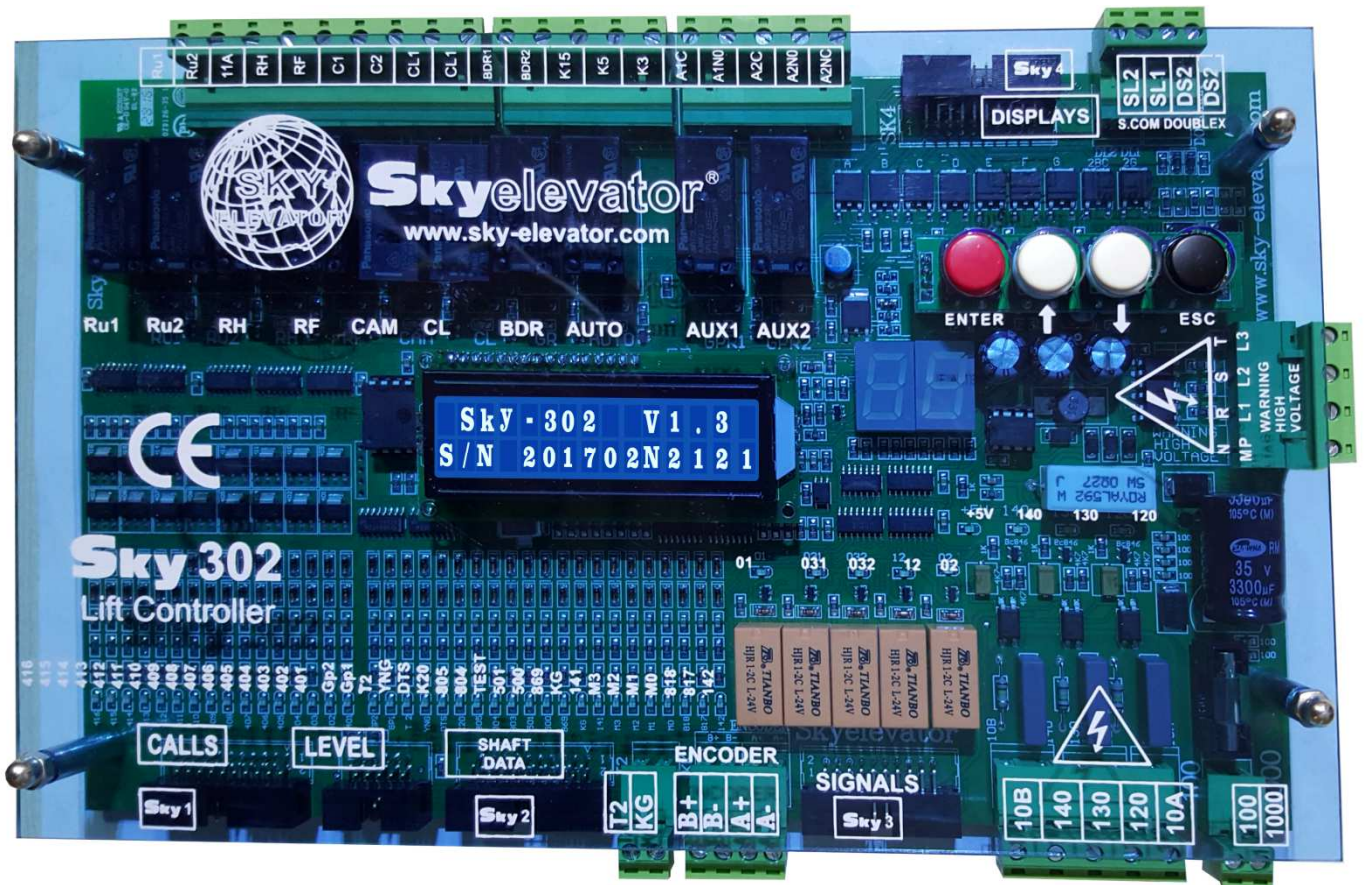




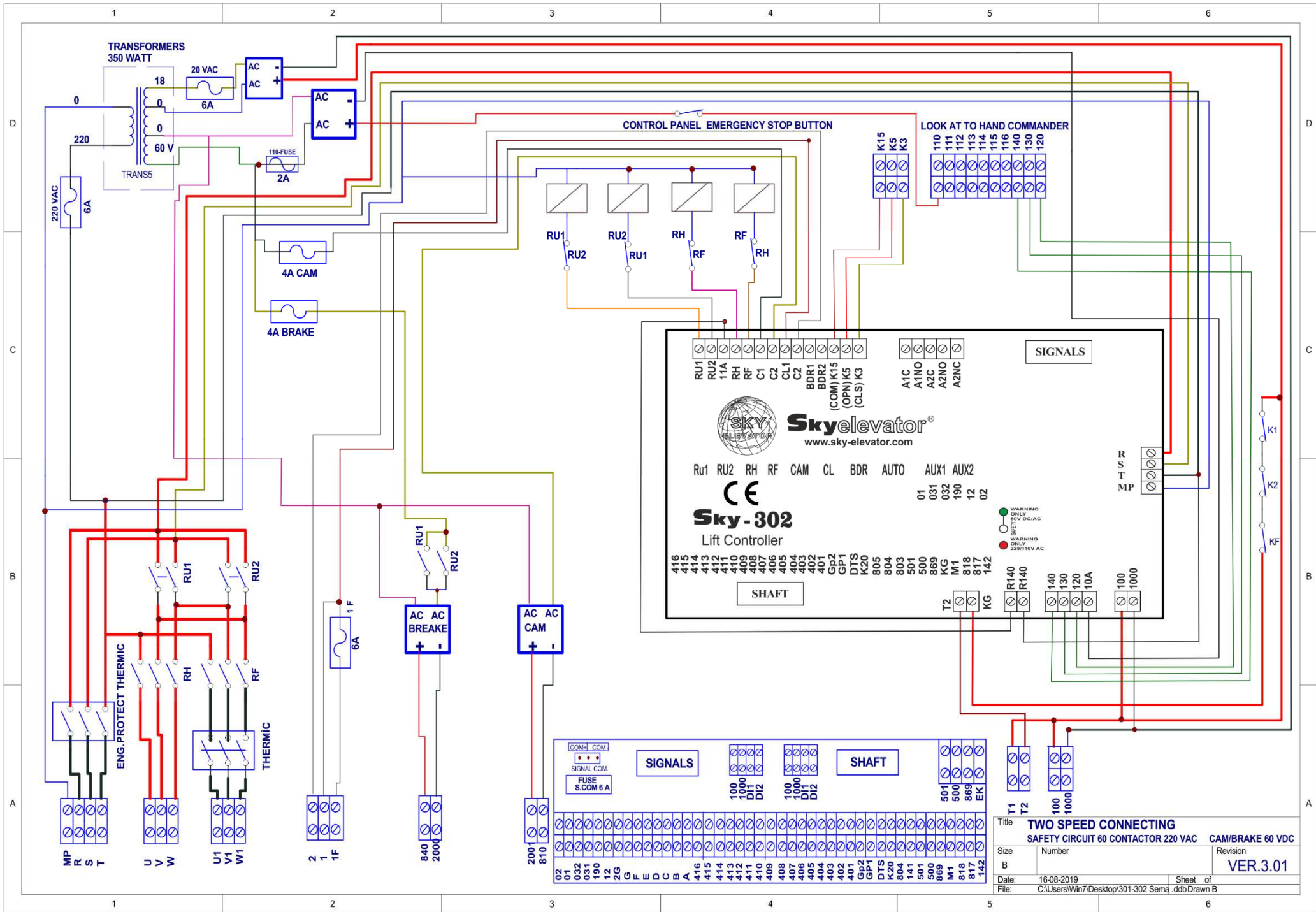
**Sky**  
Elevator  
www.sky-elevator.com

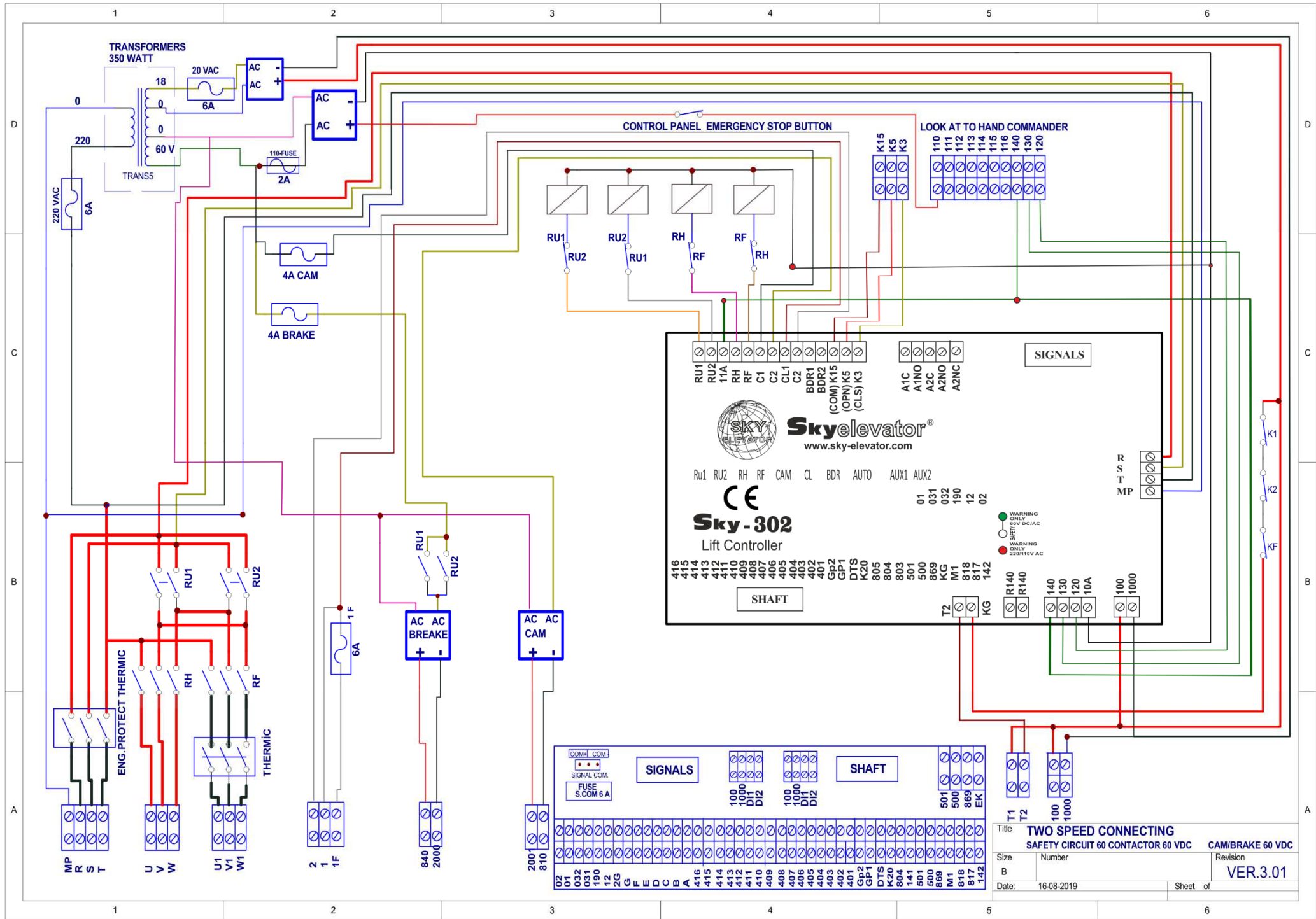


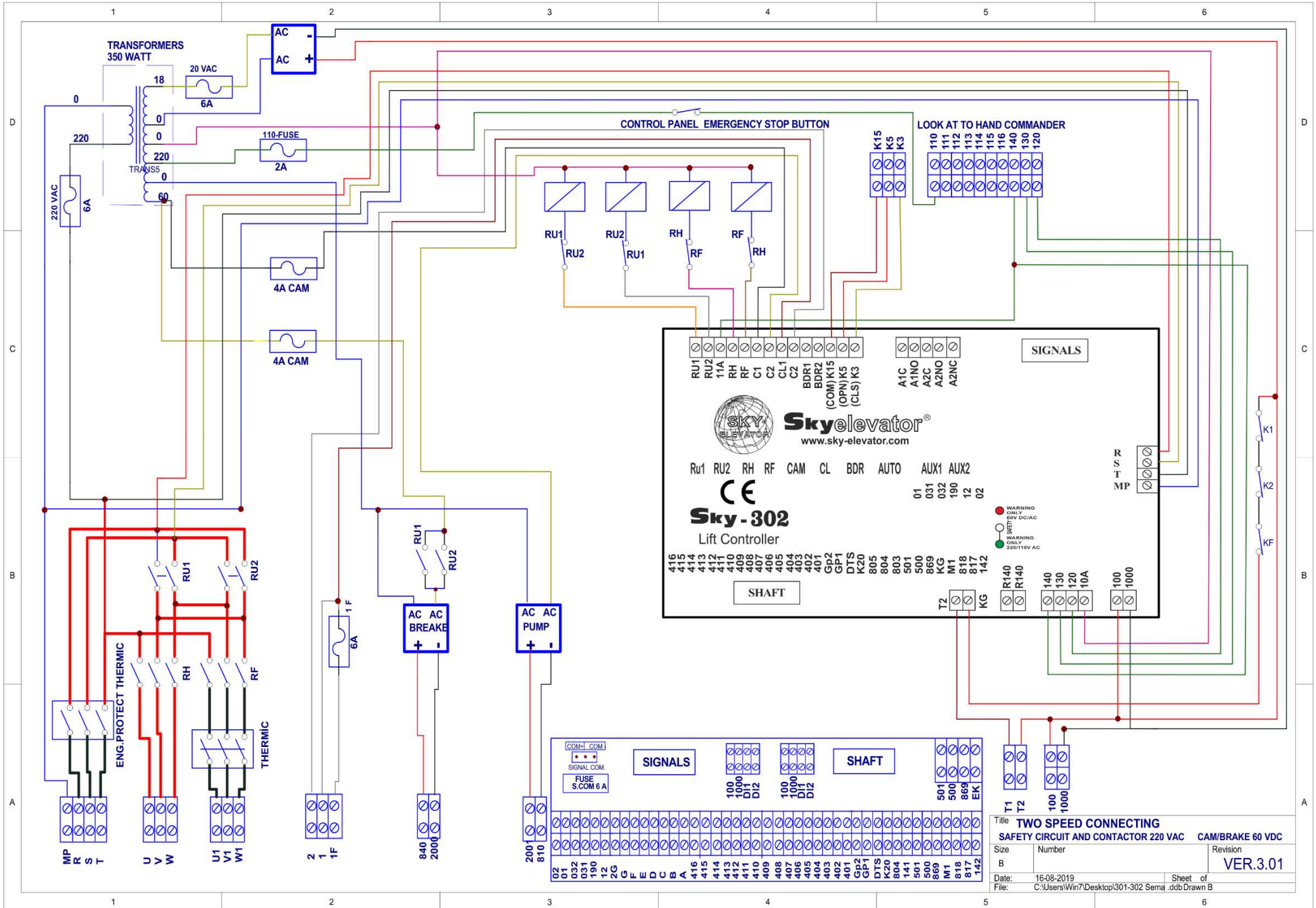
# Sky-302

## MAIN CONTROL BOARD TECHNICAL DRAWING

V - 3.0



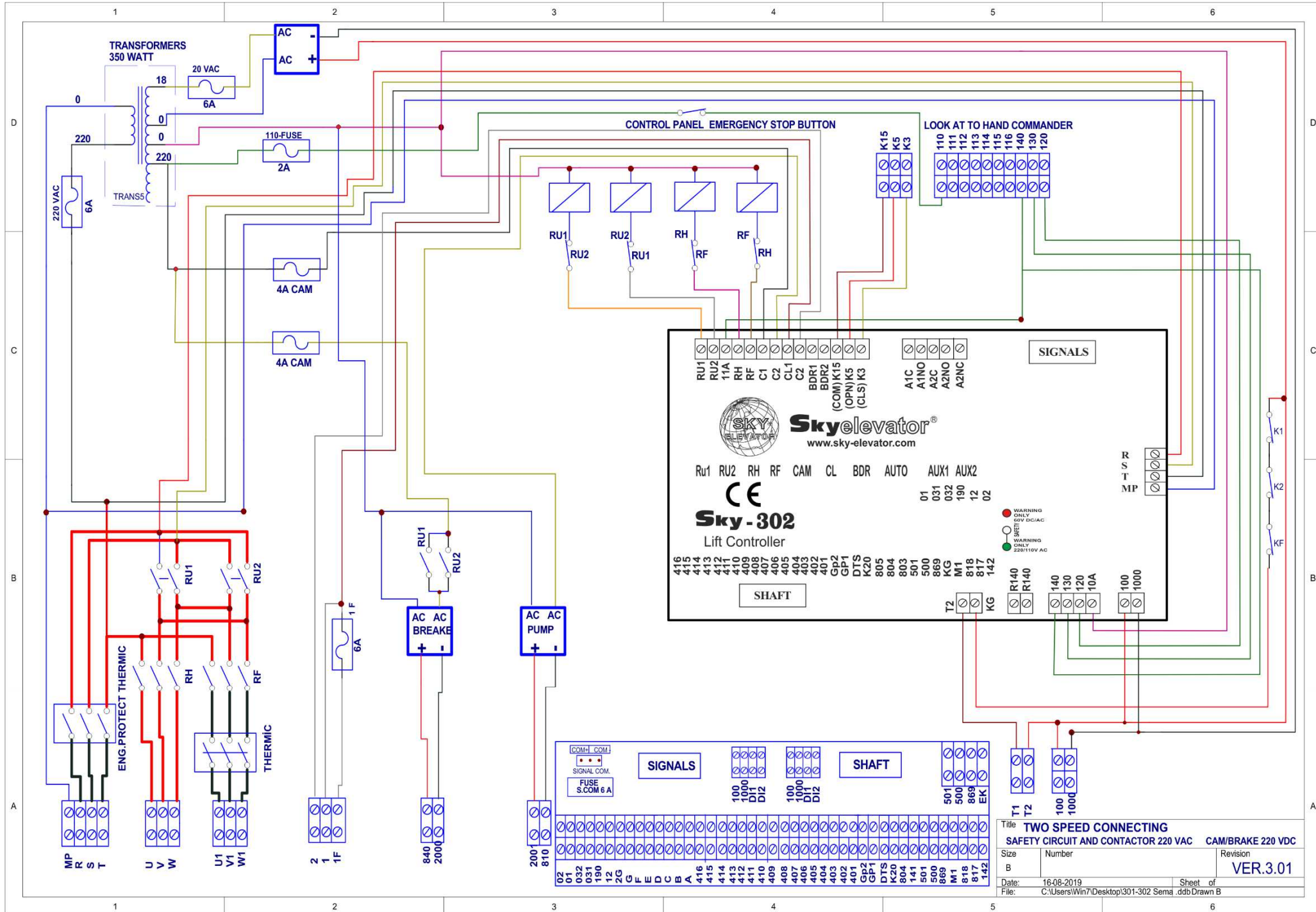




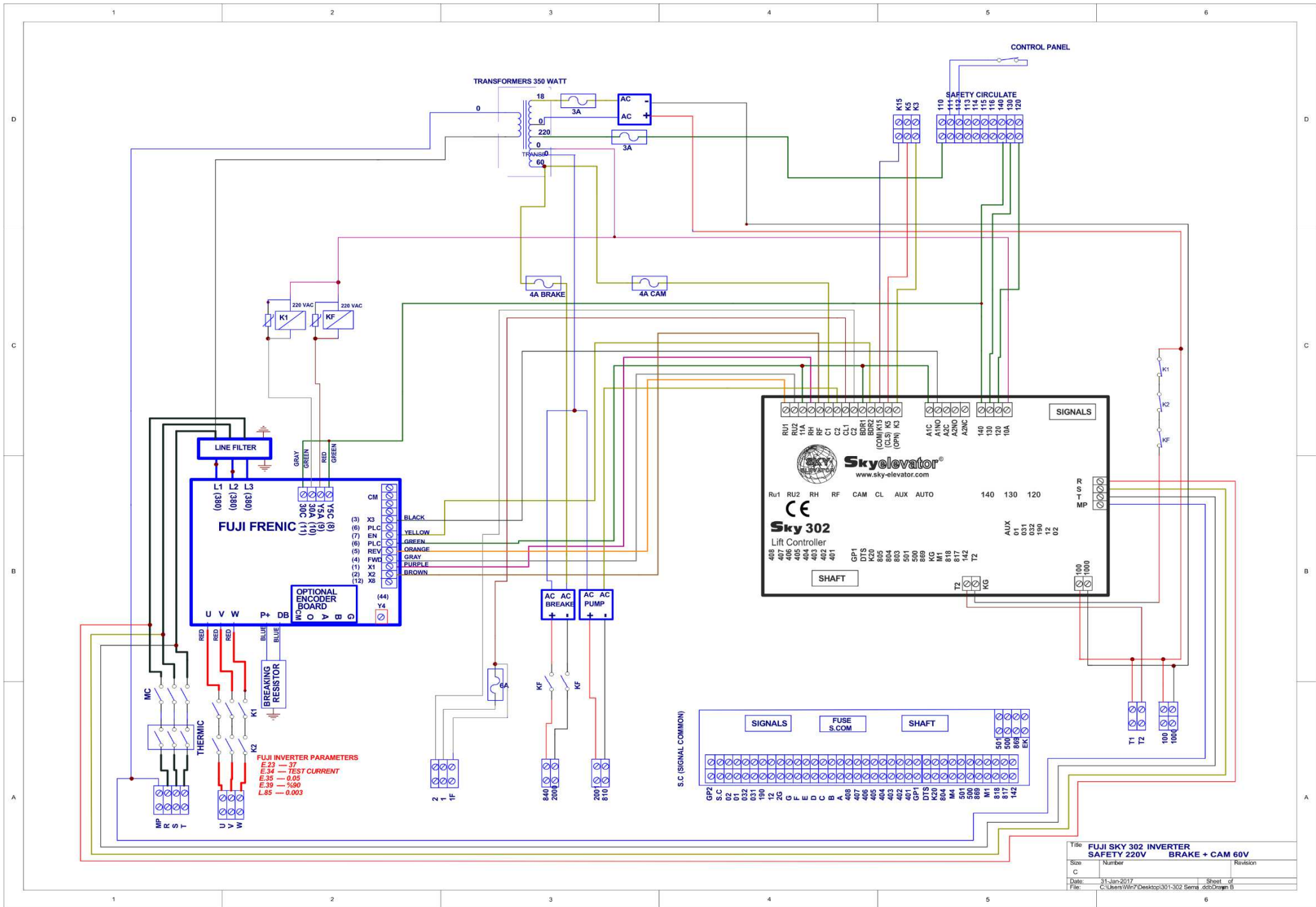
Title: **TWO SPEED CONNECTING**  
**SAFETY CIRCUIT AND CONTACTOR 220 VAC CAM/BRAKE 60 VDC**

Size	Number	Revision
B		VER.3.01

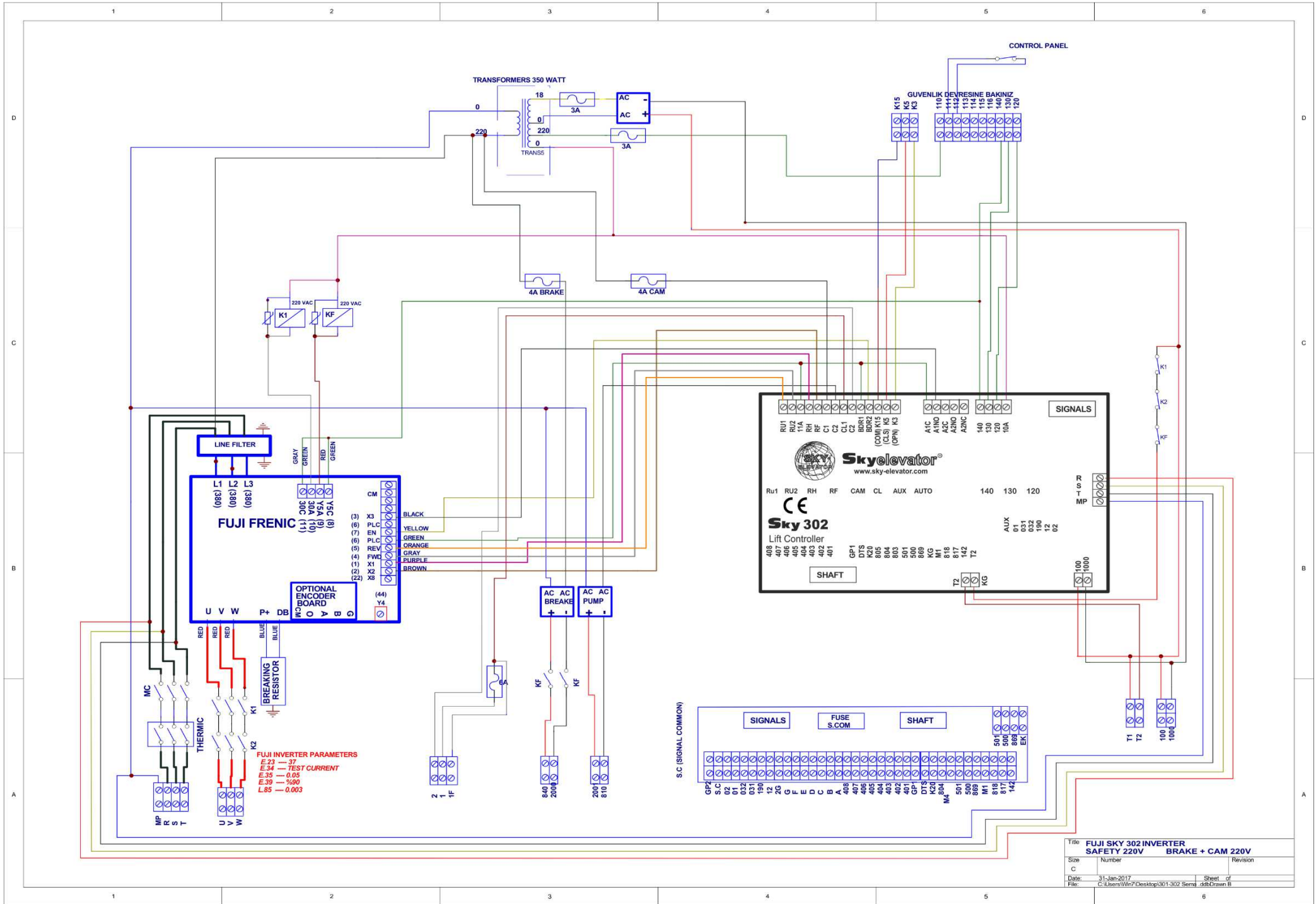
Date: 16-08-2019 Sheet of  
File: C:\Users\Win7\Desktop\301-302 Sema .ocd Drawn B

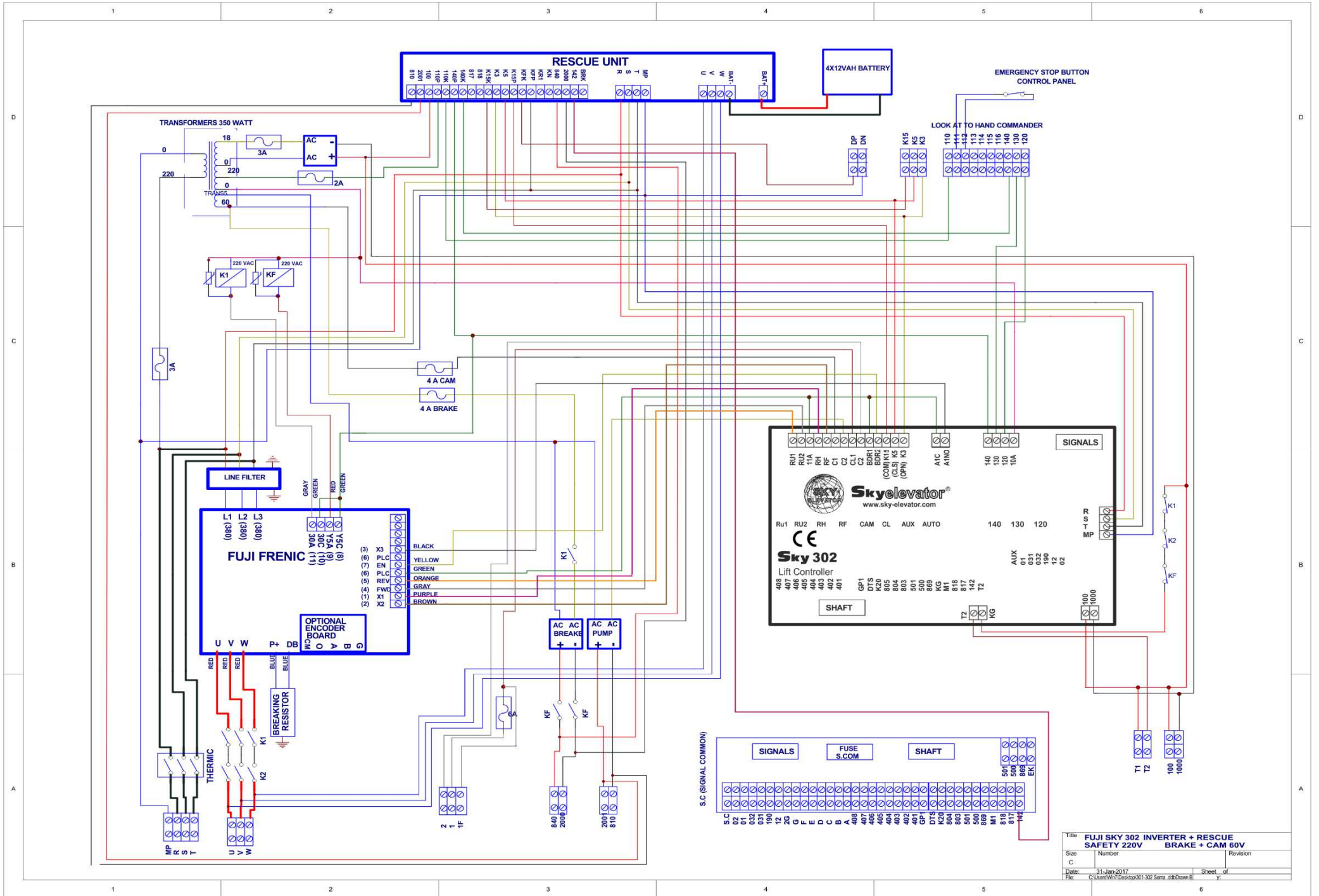


Title **TWO SPEED CONNECTING**  
 SAFETY CIRCUIT AND CONTACTOR 220 VAC CAM/BRAKE 220 VDC  
 Size Number Revision  
 B VER.3.01  
 Date: 16-08-2019 Sheet of  
 File: C:\Users\Win7\Desktop\301-302 Sema .ddb Drawn B



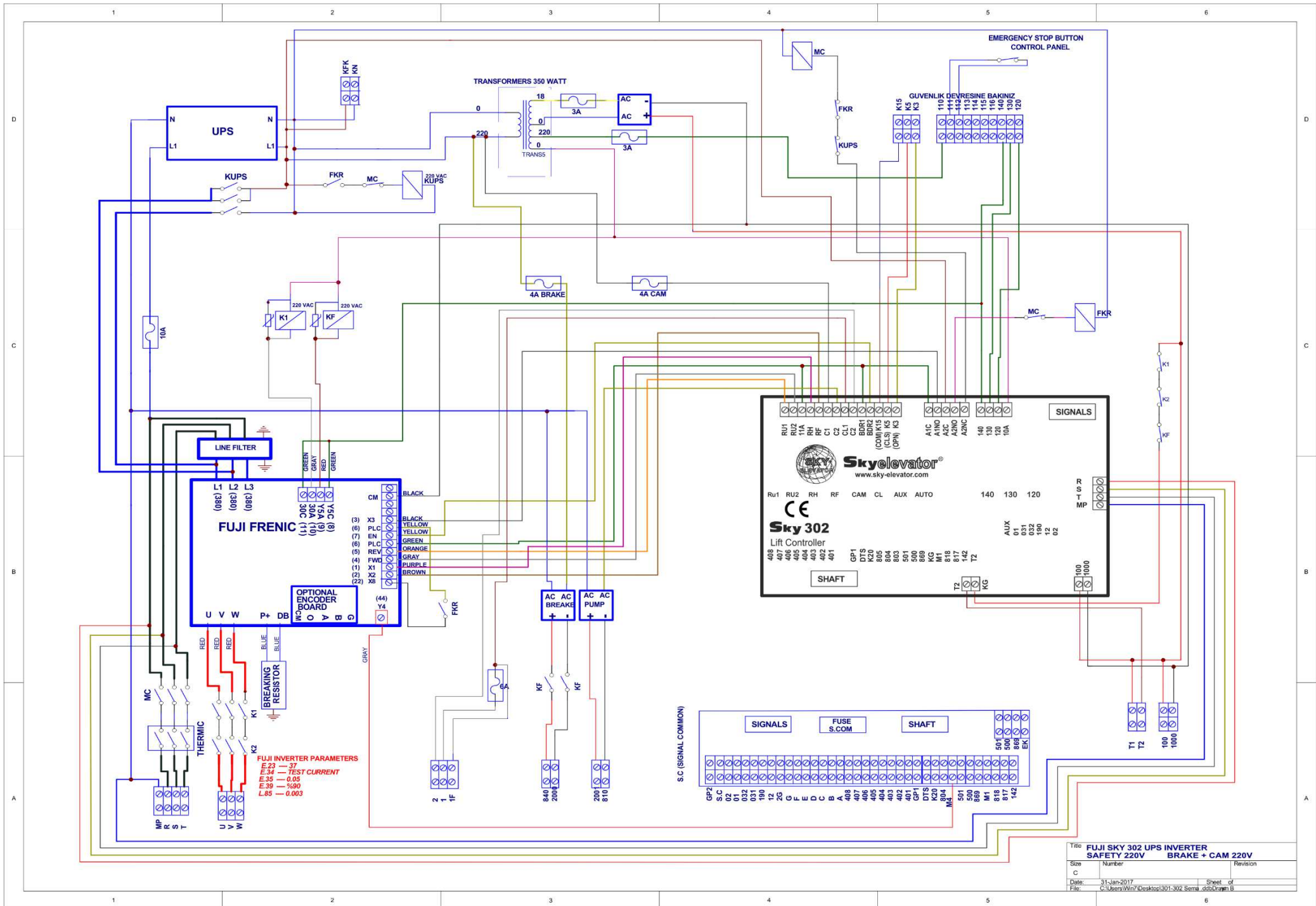
Title	FUJI SKY 302 INVERTER SAFETY 220V BRAKE + CAM 60V		
Size	Number	Revision	
C			
Date:	31-Jan-2017	Sheet of	
File:	C:\Users\Win7\Desktop\301-302 Sema_dcb\Drawn B		





Title			
FUJI SKY 302 INVERTER + RESCUE SAFETY 220V BRAKE + CAM 60V			
Size	Number	Revision	
C			
Date:	31-Jan-2017	Sheet of	
File:	C:\Users\Win7\Desktop\301-302 Semu_dibdrawn.rvt	Year:	





**FUJI FRENIC**

(08C) L1 (08C) L2 (08C) L3

(11) 20C (0) 20S (6) V5A (8) J5A

CM BLACK

(3) X3 BLACK

(7) EN YELLOW

(5) PLV GREEN

(4) REV ORANGE

(1) FWD GRAY

(2) X1 PURPLE

(22) X2 BROWN

(44) Y4

U V W P+ DB

OPTIONAL ENCODER BOARD

MC O A B G

**Sky 302**

Lift Controller

www.sky-elevator.com

CE

488 487 486 485 484 483 482 481

GP1 DTS K20 865 866 867 868 869 501 500 500 500 869 869 818 817 142 T2

Ru1 Ru2 RH RF CAM CL AUX AUTO 140 130 120

AUX 01 031 032 190 12 02

MP

100 1000

GP2 S.C 02 032 031 190 12 2G C E D C B A 487 486 485 484 483 482 481 GP1 DTS K20 804 501 500 869 869 818 817 142

SIGNALS

FUSE S.COM

SHAFT

**FUJI INVERTER PARAMETERS**

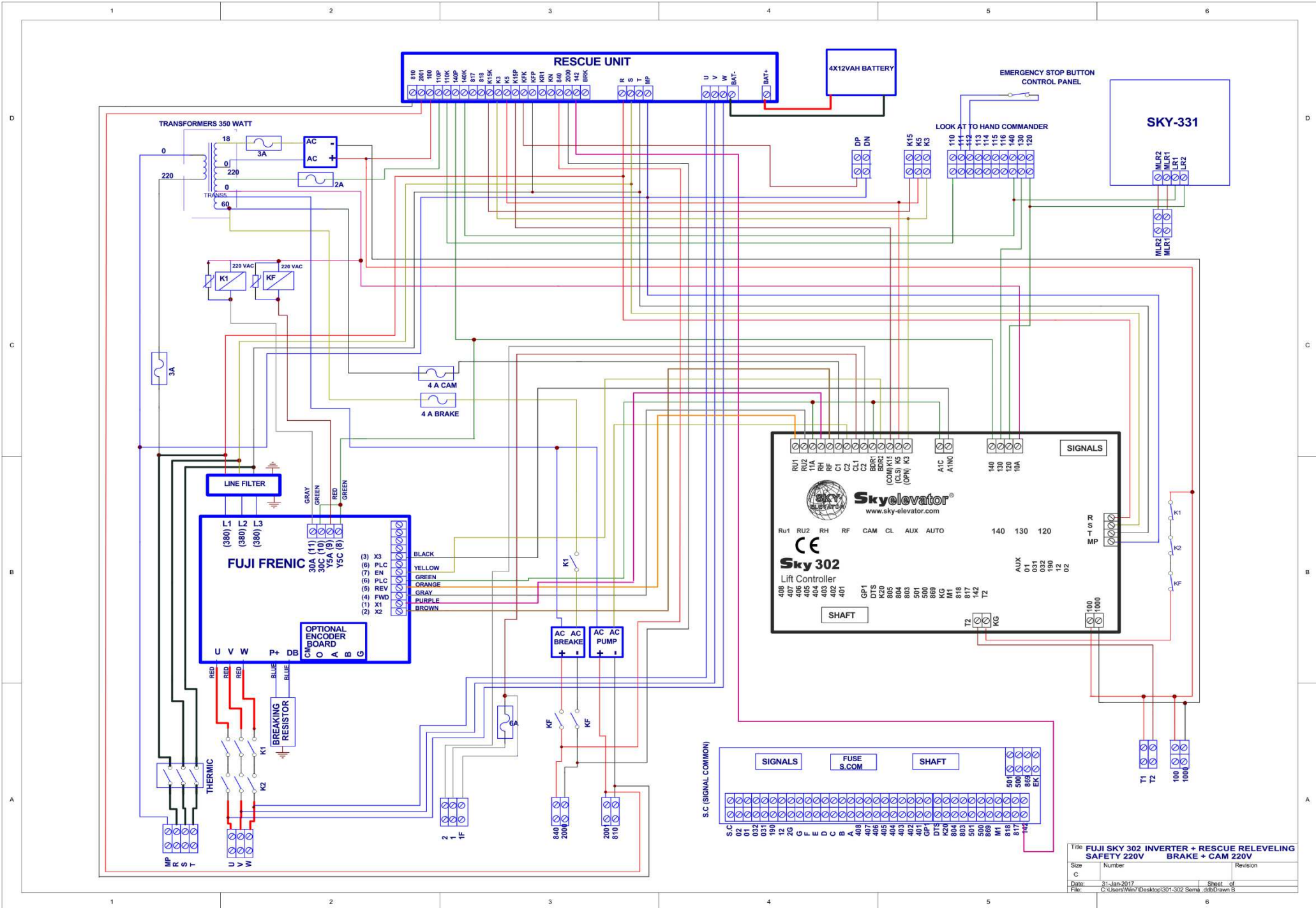
E.23 — 37

E.34 — TEST CURRENT

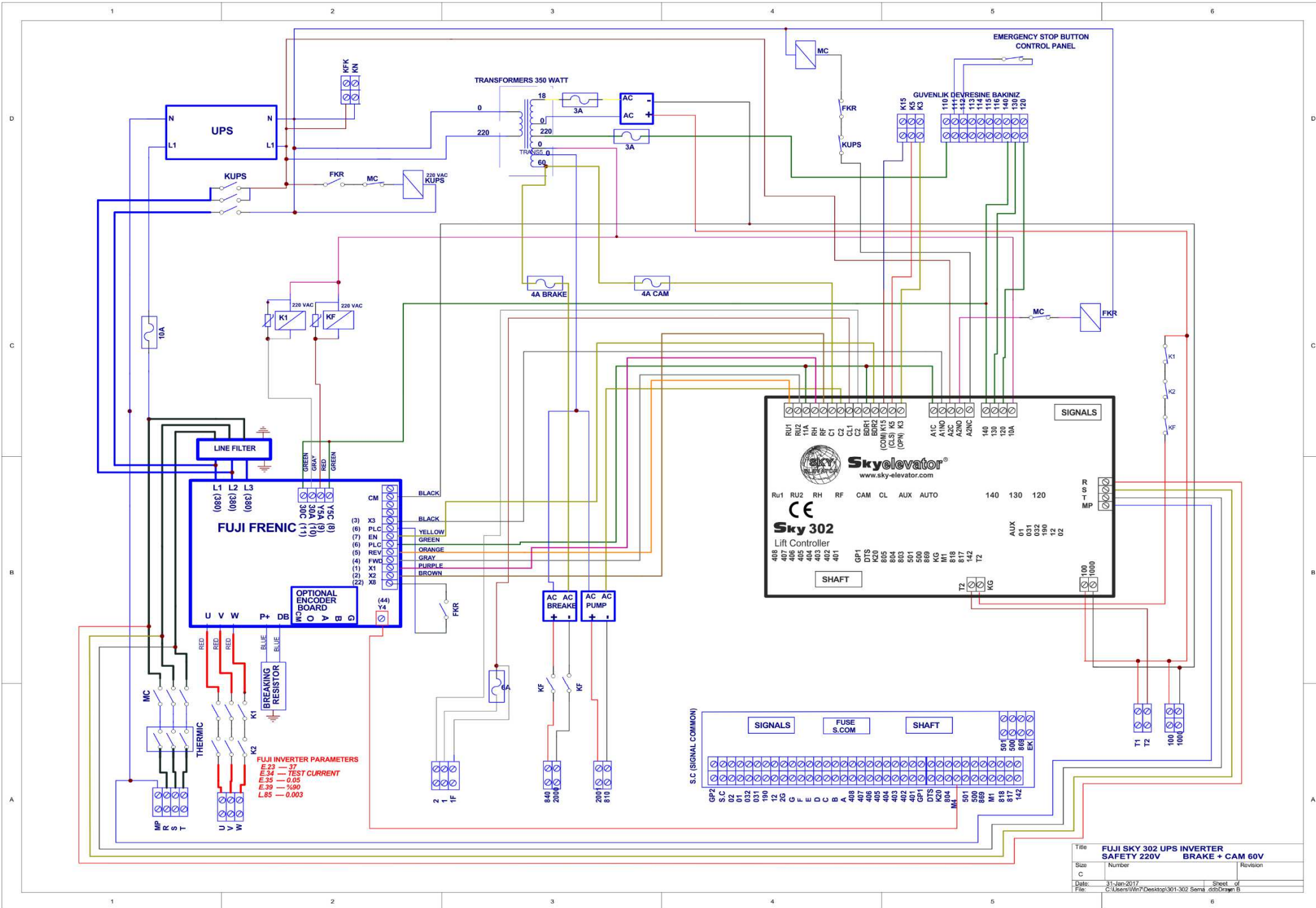
E.35 — 0.05

E.39 — 500

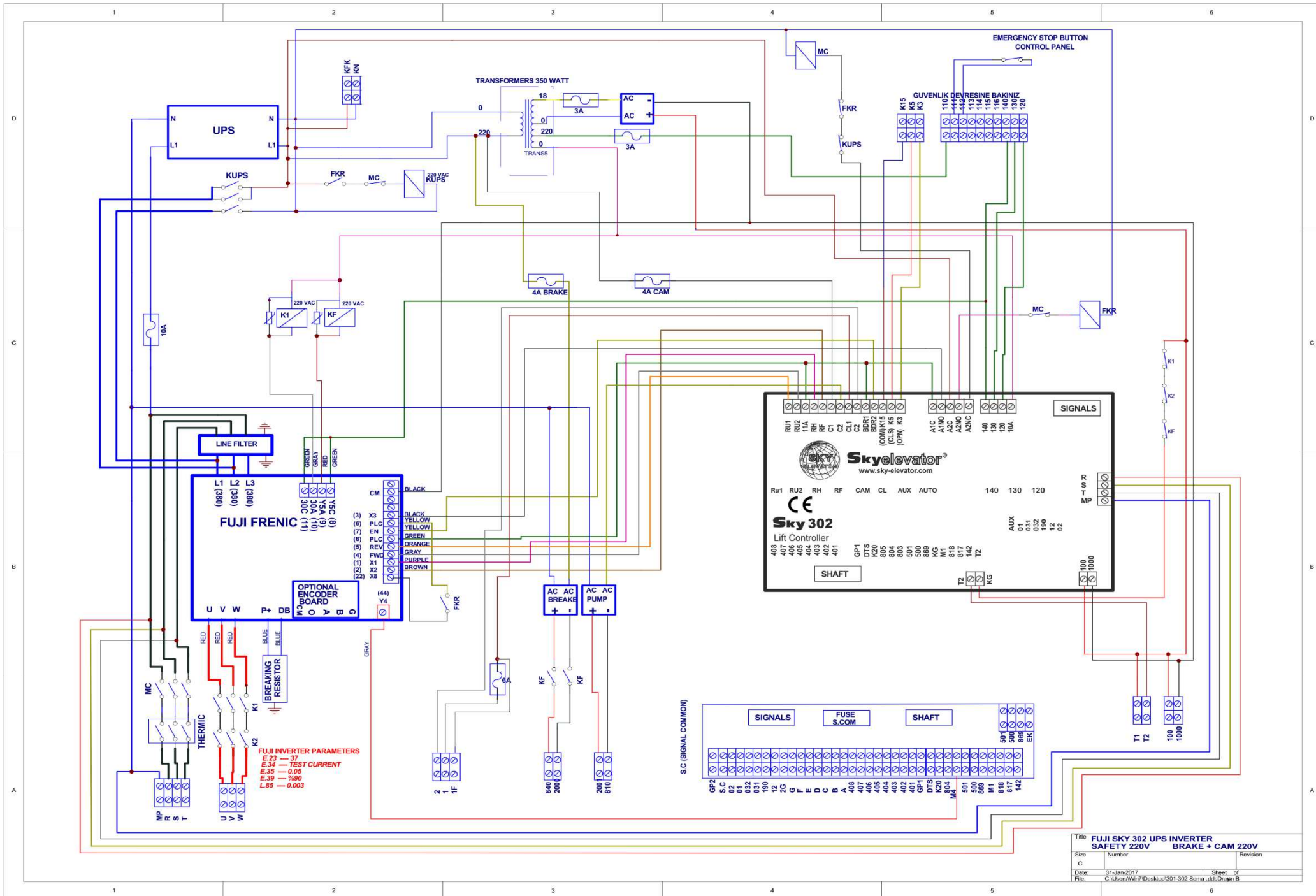
L.85 — 0.003



Title: FUJI SKY 302 INVERTER + RESCUE RELEVELING SAFETY 220V BRAKE + CAM 220V		
Size	Number	Revision
C		
Date:	31-Jan-2017	Sheet: 1 of 1
File:	C:\Users\Win7\Desktop\301-302 Serial_003\Drawn 8	



Title	FUJI SKY 302 UPS INVERTER SAFETY 220V BRAKE + CAM 60V	
Size	Number	Revision
C		
Date:	31-Jan-2017	Sheet 06
File:	C:\Users\Wm\Desktop\301-302 Sama_0301\Drawn_06	



**FUJI FRENIC**

OPTIONAL ENCODER BOARD

**FUJI INVERTER PARAMETERS**  
 E.23 — 37  
 E.34 — TEST CURRENT  
 E.35 — 0.05  
 E.39 — 590  
 L.85 — 0.003

**Skyelevator®**  
 www.sky-elevator.com

**Sky 302**  
 Lift Controller

SHAFT

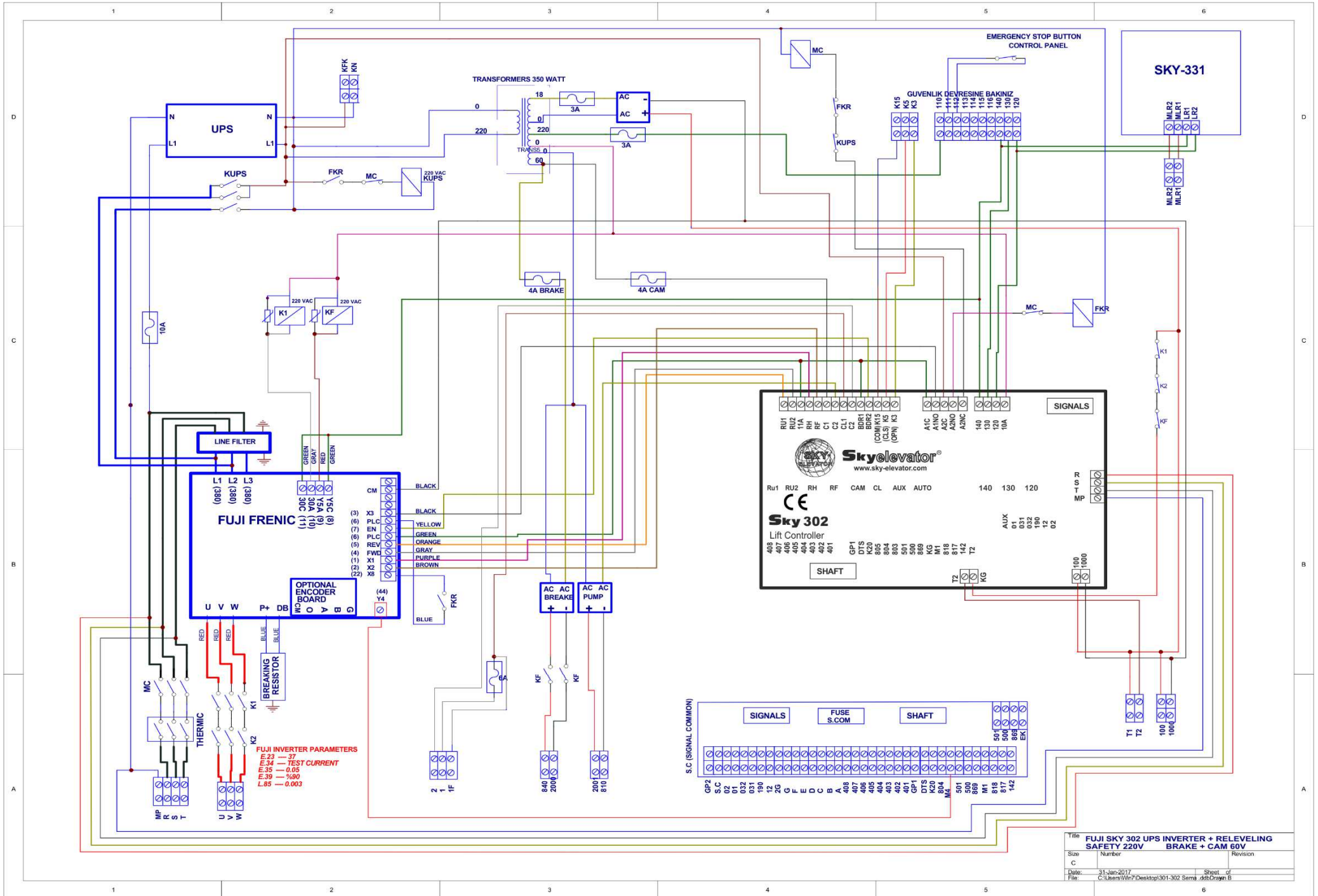
**SIGNALS**

Ru1	Ru2	11A	RH	RF	RF	CL1	C2	CL2	CL2	BDR	BR	DR	COM	KS	(CLS) KS	(OPN) K3	A1C	A1NO	A2C	A2NO	A3C	A3NO	140	130	120	10A
Ru1	Ru2	RH	RF	CAM	CL	AUX	AUTO	140	130	120	AUX	01	031	02	02	02	100	1000								

**SHAFT**

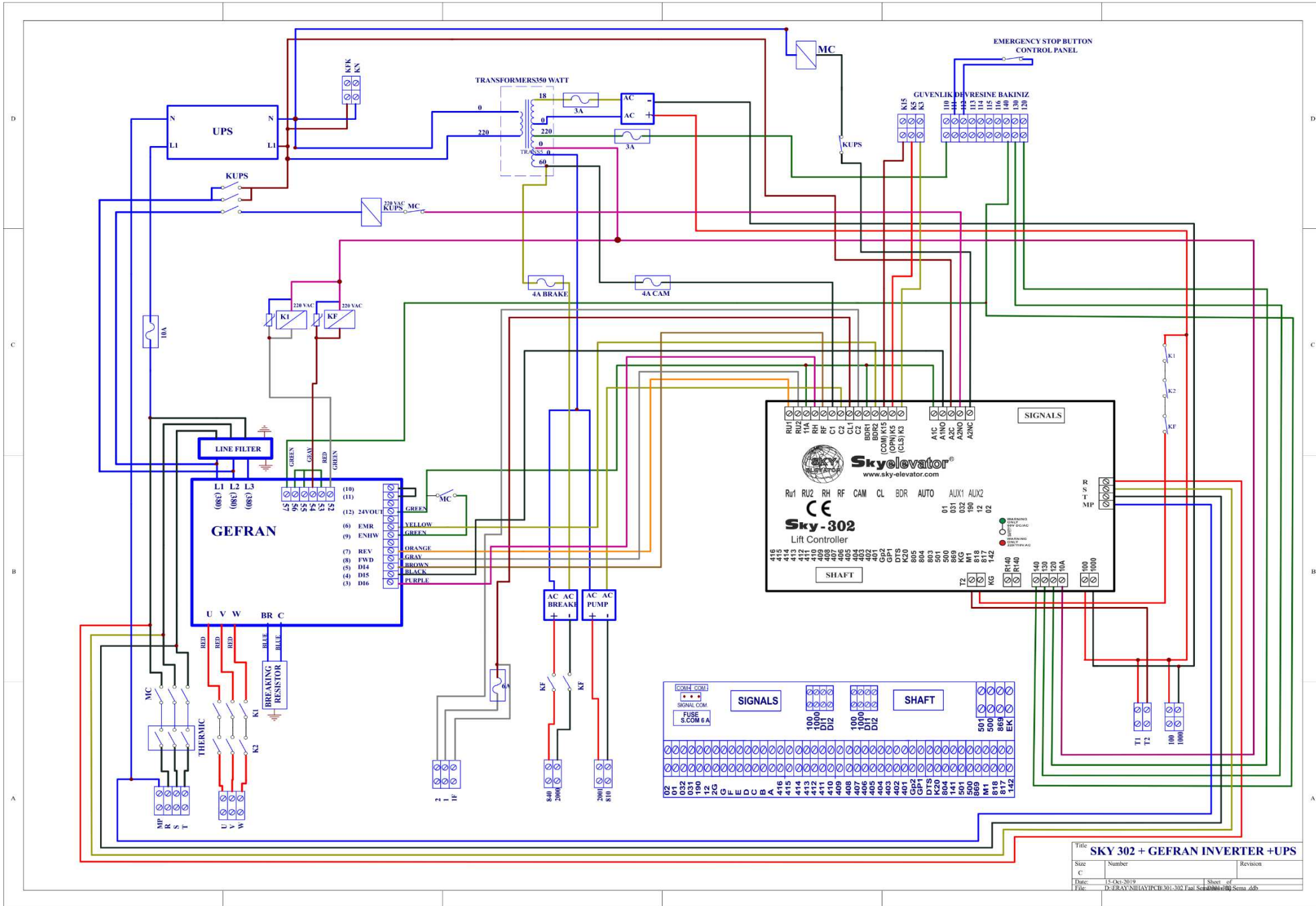
408	407	406	405	404	403	402	401	GP1	DTS	K20	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
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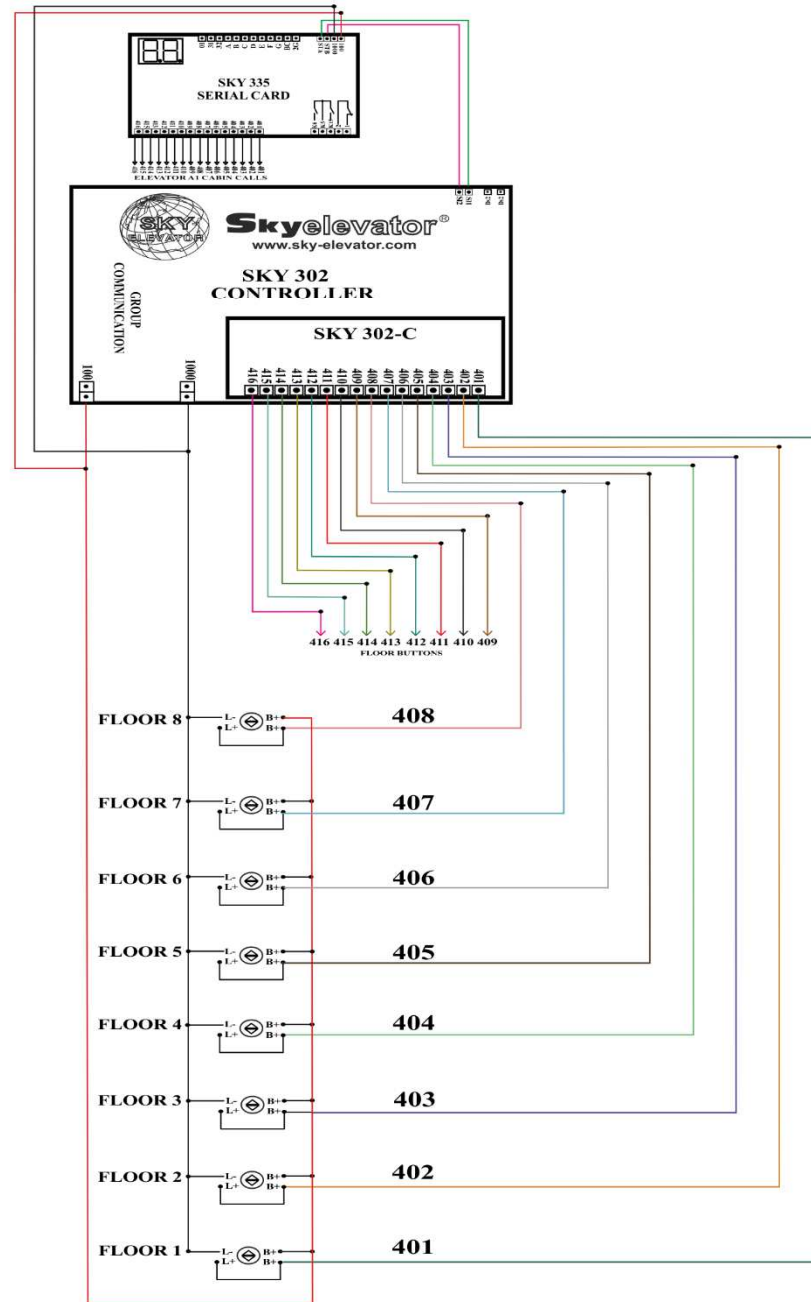
Title		FUJI SKY 302 UPS INVERTER SAFETY 220V BRAKE + CAM 220V	
Size	Number	Revision	
C	31-Jan-2017	Sheet of	
File:	C:\Users\Win7\Desktop\301-302 Sema.dwg	Drawn B	



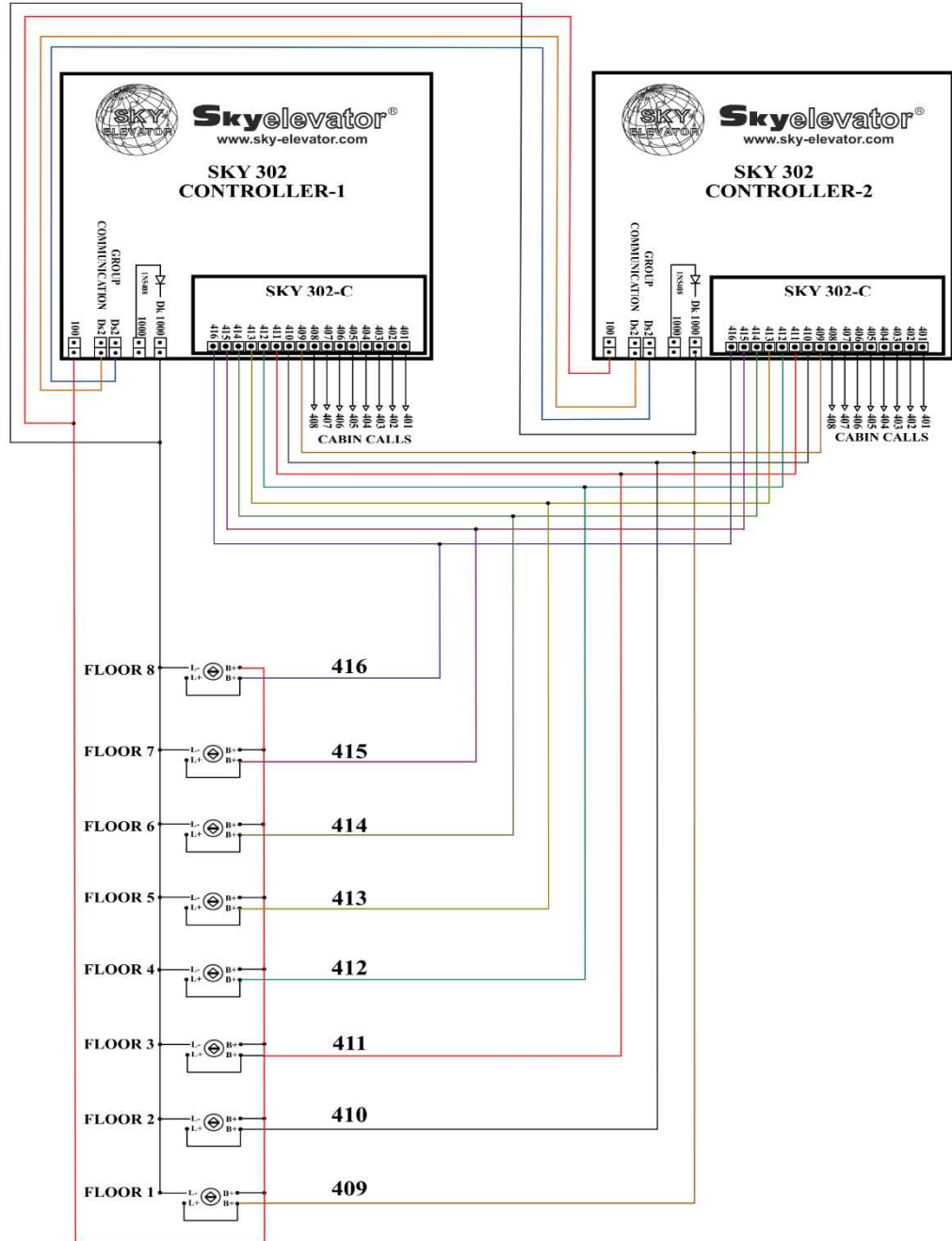
Title: **FUJI SKY 302 UPS INVERTER + RELEVELING SAFETY 220V BRAKE + CAM 60V**

Size	Number	Revision
C		
Date:	31-Jan-2017	Sheet of
File:	C:\Users\Win7\Desktop\301-302 Simm.dwg	Drawn B





SKY 302 + SERIAL CONNECTION			
SKY ELEVATOR	SERIES	300	DRW.
	PROJ.		APPRV.
	REV.		DATE

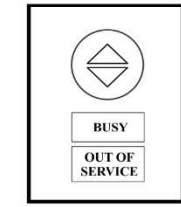


**NOTE :** Cabin and landing call button connections are suitable for parallel system in this drawing.  
 Cabin calls are connected to cabin communication board if system is cabin serial landings parallel.

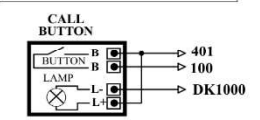
**WARNING !**  
 For group lifts according to EN81-1 and EN81-2 matter 14.2.4.3:  
**NOTE:**For groups of lifts, position indicators on the landings are not recommended.  
 However, it is recommended that the arrival of a car be preceded by an audible signal.

Connections on this diagram are one-way collective systems.

**FLOOR INDICATOR**

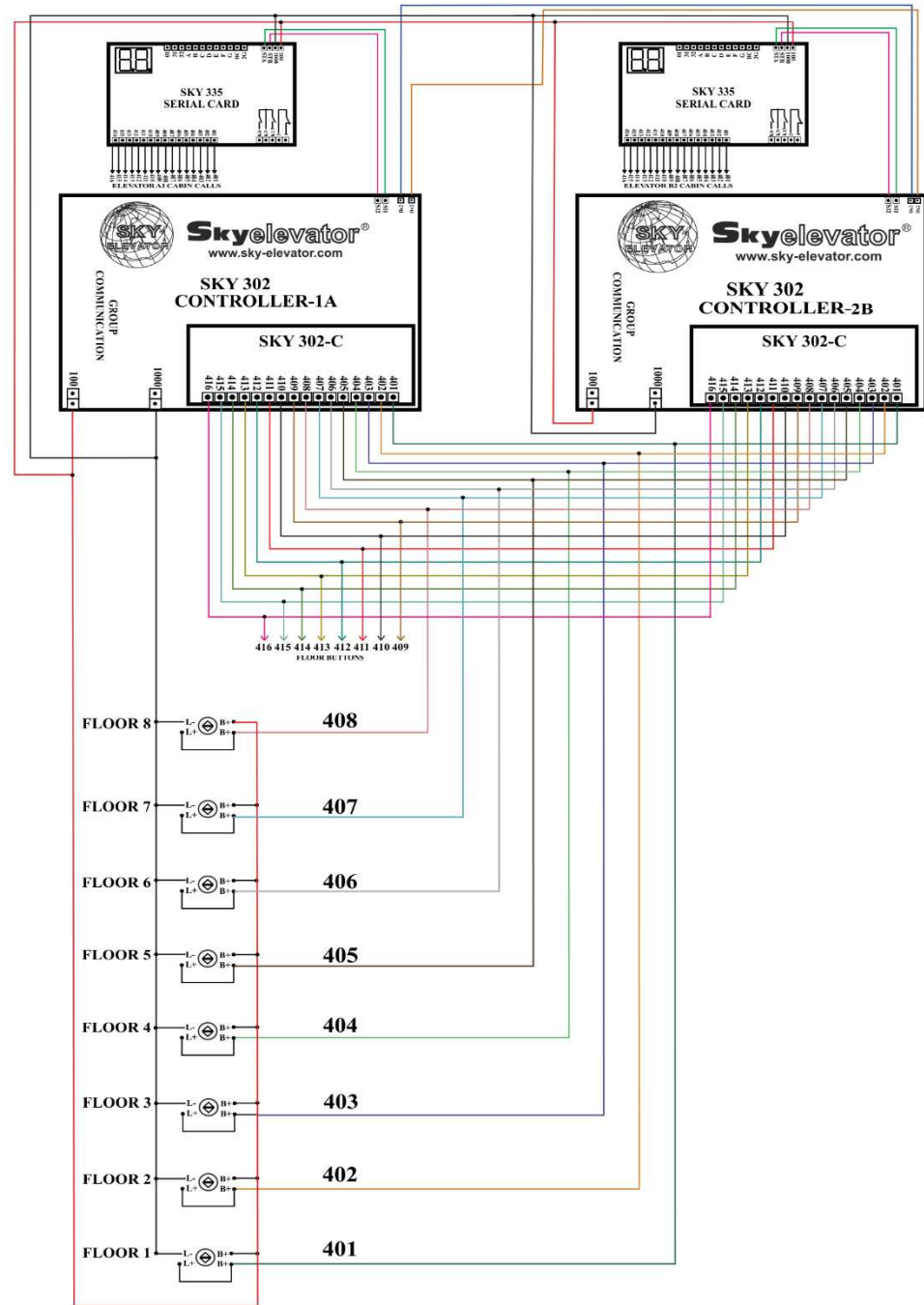


UP DOWN :FLOOR CALL  
 BUSY :BUSY SIGNAL  
 INS. :OUT OF SERVICE



SKY 302 PARALLEL DUBLEX CONNECTIONS ONE BUTTON				
SKY ELEVATOR	SERIES	300	DRW.	
	PROJ.		APPRV.	
	REV.		DATE	





**NOTE :** Cabin and landing call button connections are suitable for parallel system in this drawing.  
Cabin calls are connected to cabin communication board if system is cabin landings parallel.

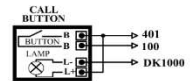
**WARNING :**  
For group lifts according to EN81-1 and EN81-2 matter 14.2.4.3:  
**NOTE:**For groups of lifts, position indicators on the landings are not recommended. However, it is recommended that the arrival of a car be preceded by an audible signal.

Connections on this diagram are one-way collective systems.

**FLOOR INDICATOR**

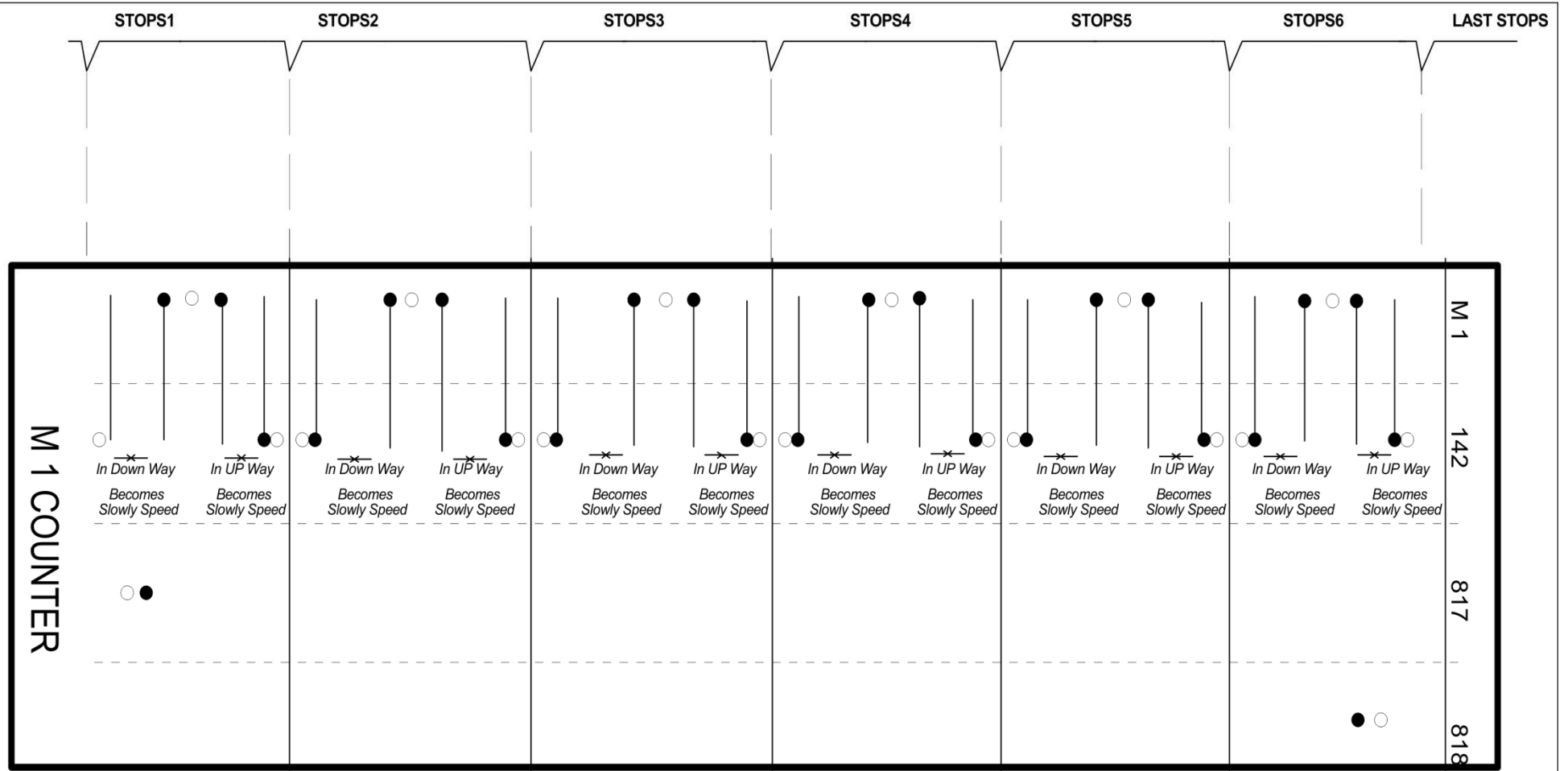


UP DOWN : FLOOR CALL  
BUSY : BUSY SIGNAL  
INS. : OUT OF SERVICE

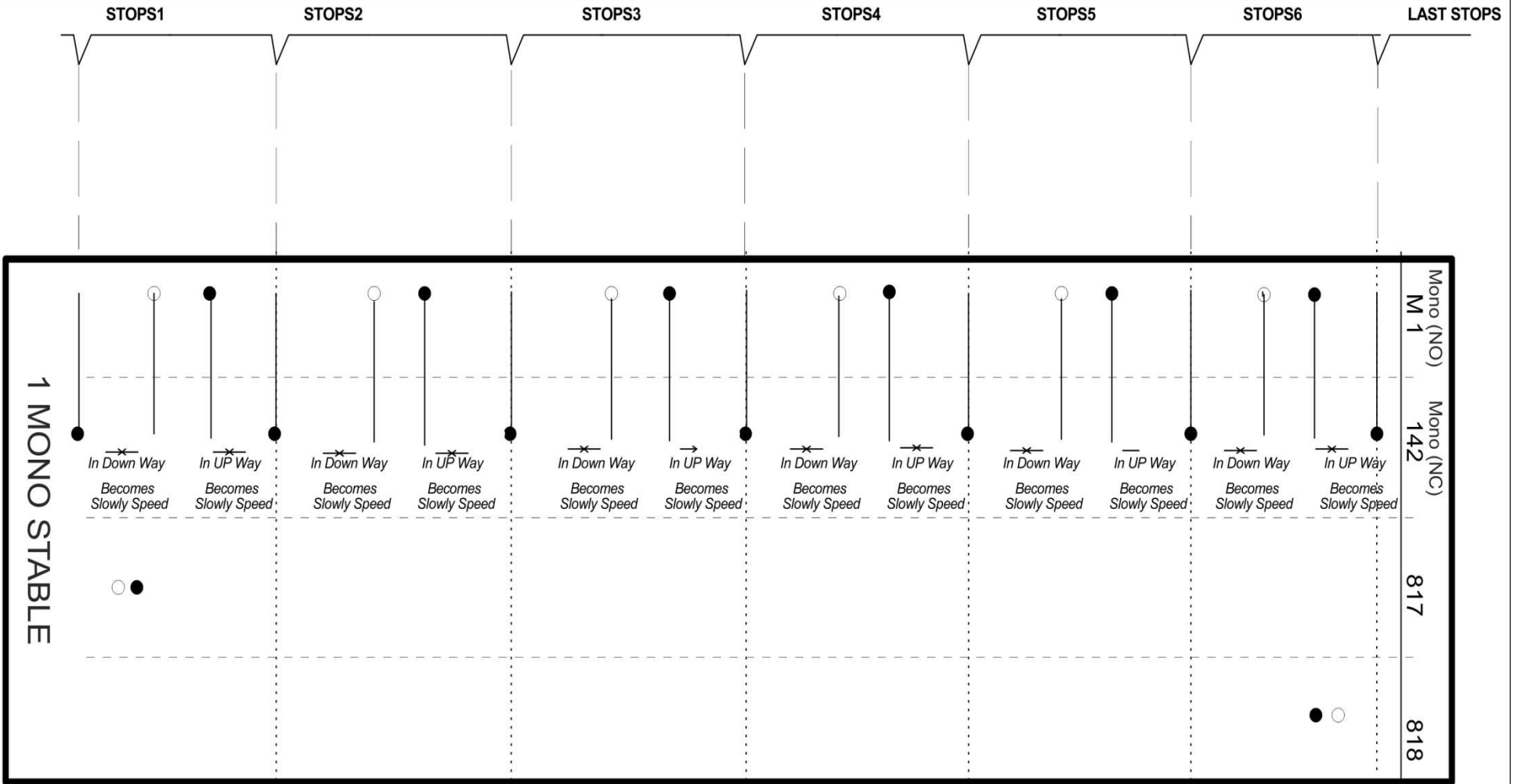


SKY 302 SERIAL DUBLEX CONNECTIONS ONE BUTTON			
SKY ELEVATOR	SERIES	300	DRW.
	PROJ.		APPRV.
	REV.		DATE

○ BISTABLE MAGNET OPEN  
 ● BISTABLE MAGNET CLOSE



Title		
<b>MAGNETS SHAPE M1</b>		
Size	Number	Revision
B		
Date:	18-Jun-2015	Sheet of



BISTABLE MAGNET OPEN  
 BISTABLE MAGNET CLOSE

**YOU SHOULD USE:**  
 1- 1 MONOSTABLE (NO) AND CONNECT IT WITH M1  
 2- 1 MONOSTABLE (NC) AND CONNECT IT WITH 142  
 3- BISTABLE MAGNET FOR 817 - 818 LINE

1 MONO STABLE

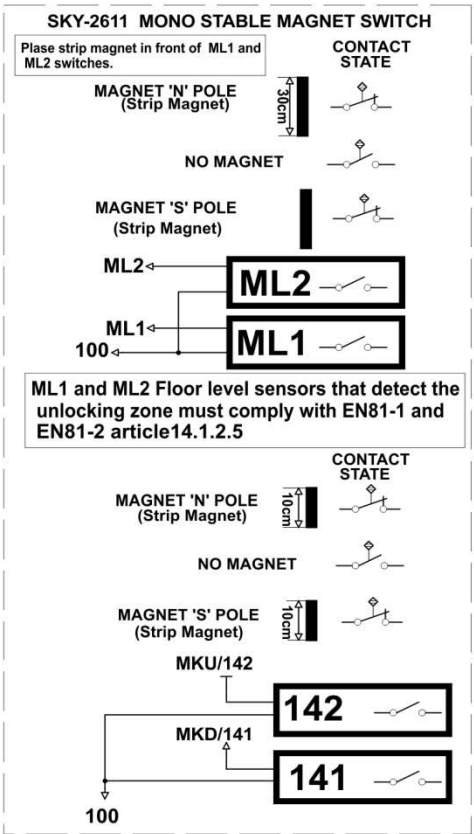
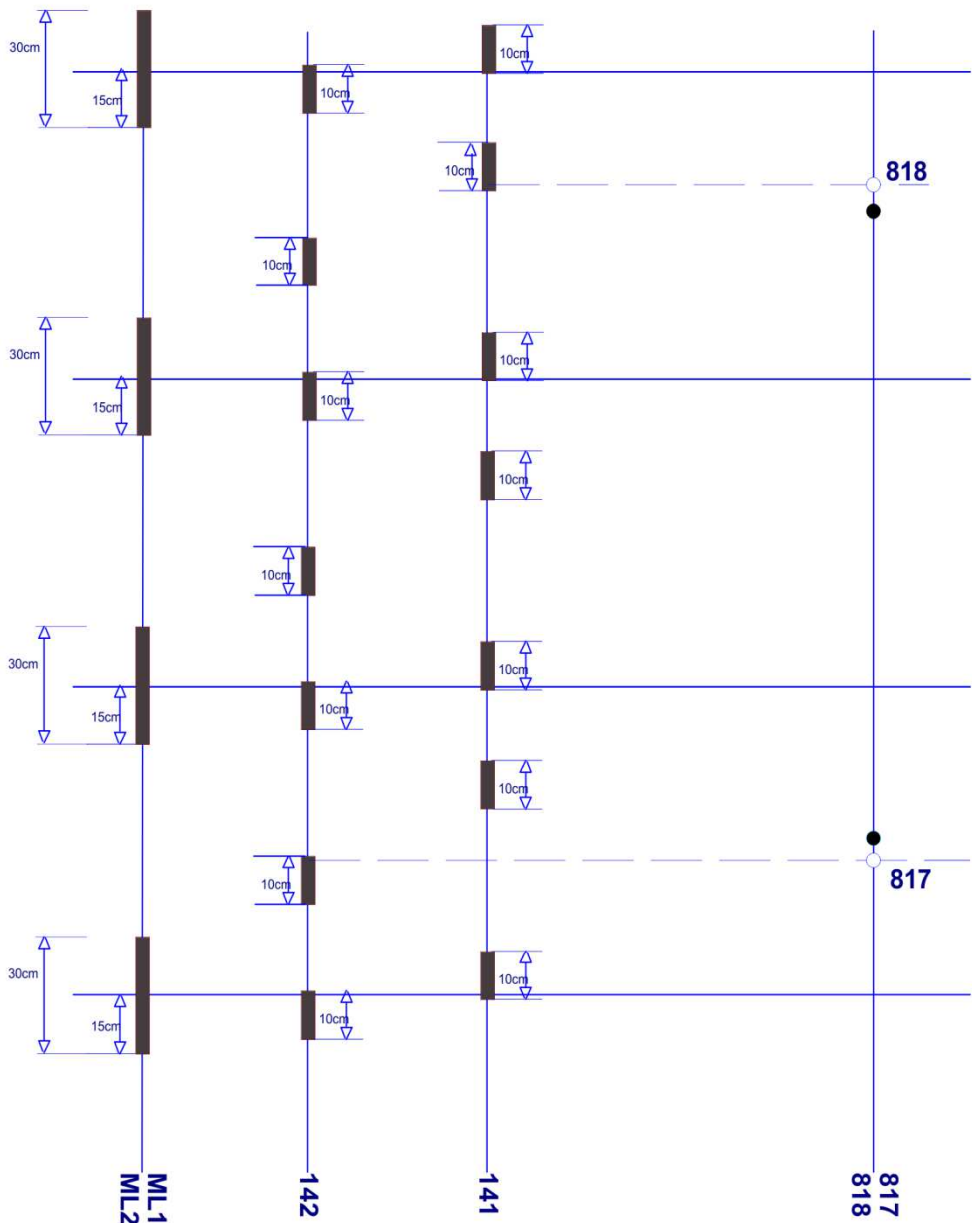
Title		
<b>1 Monostable Magnet</b>		
Size	Number	Revision
B		
Date:	18-Jun-2015	Sheet of

D

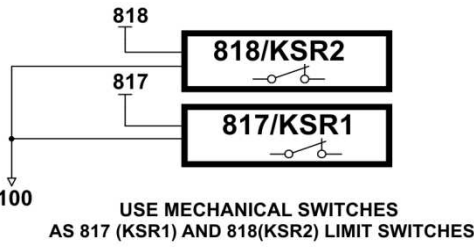
C

B

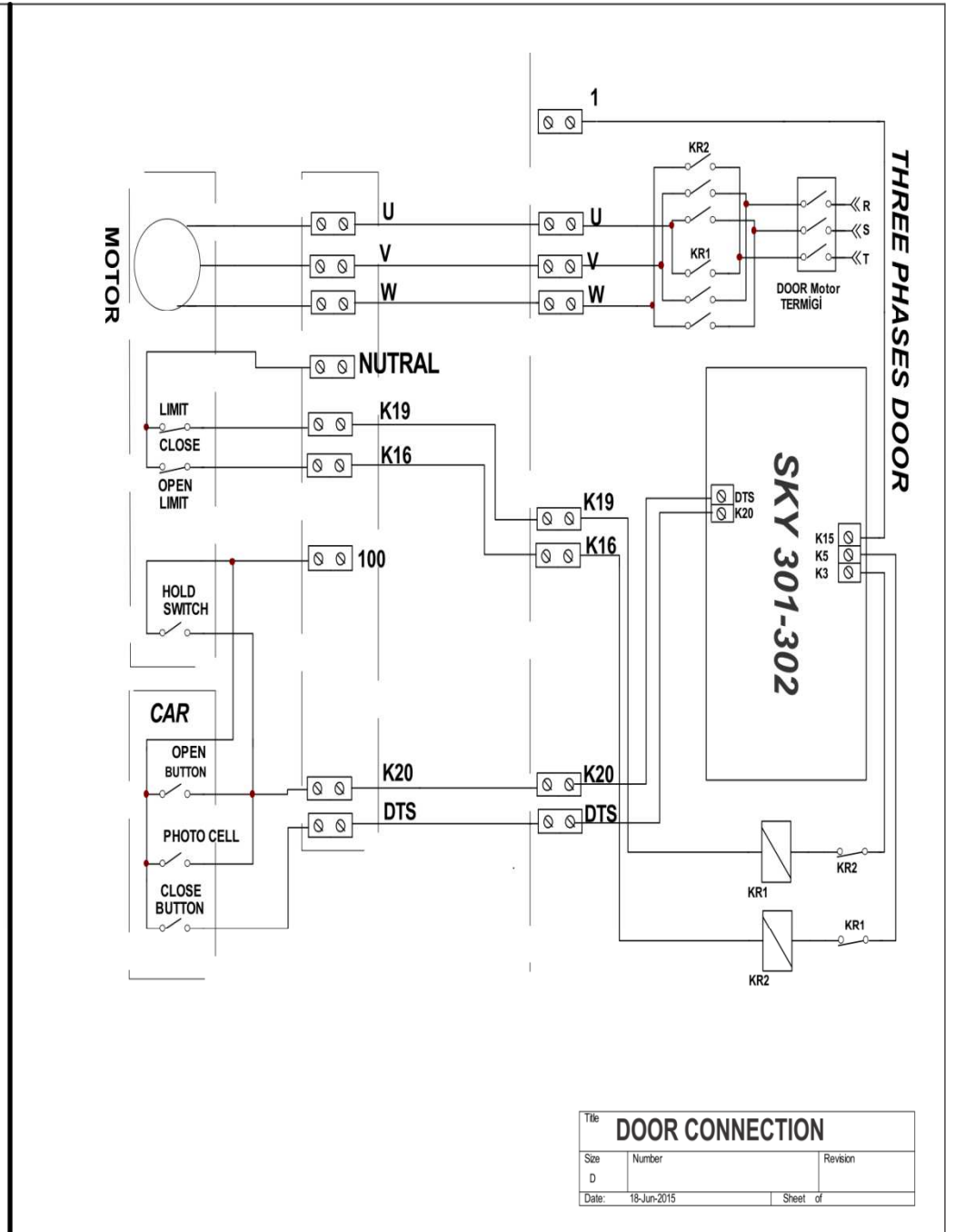
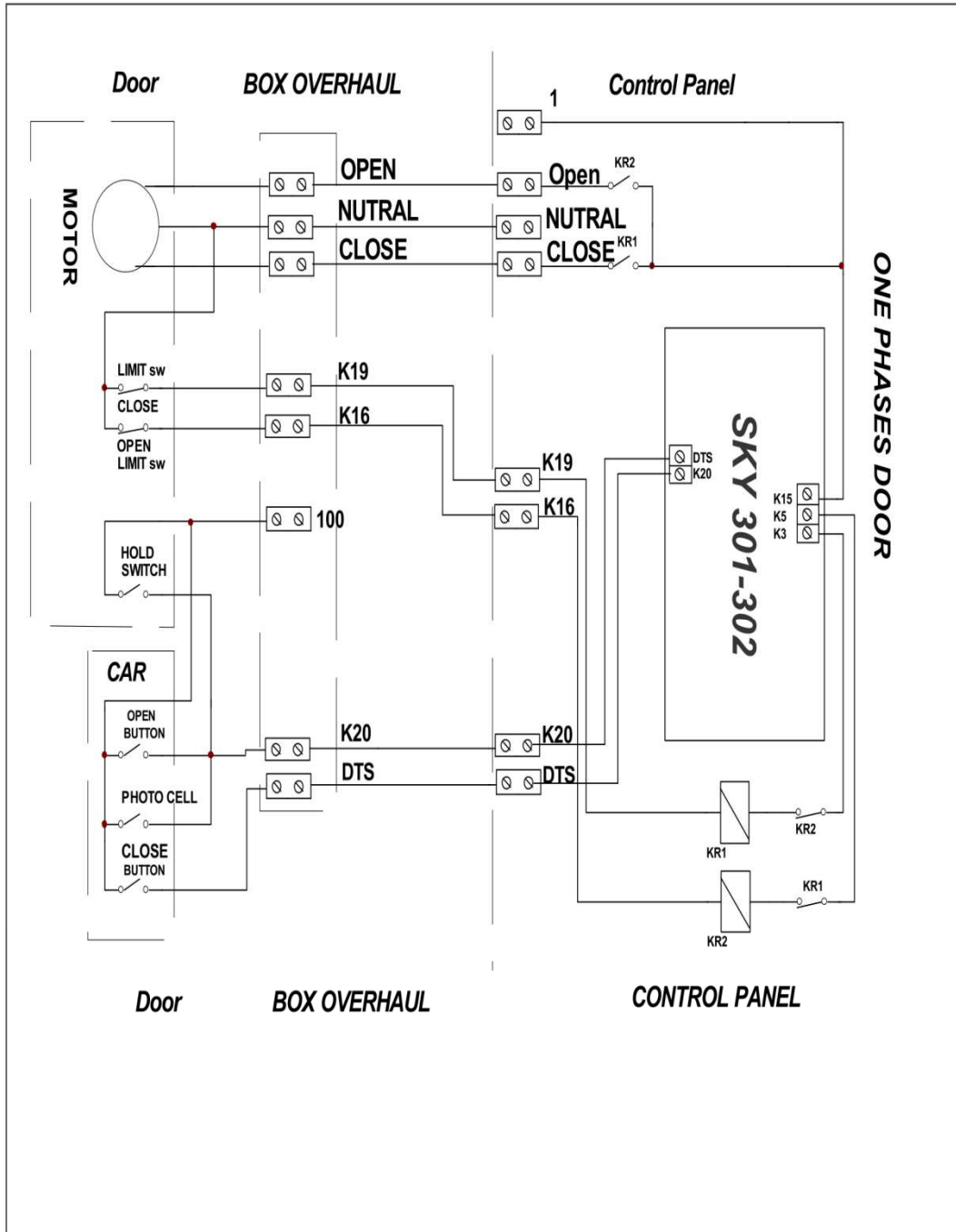
A



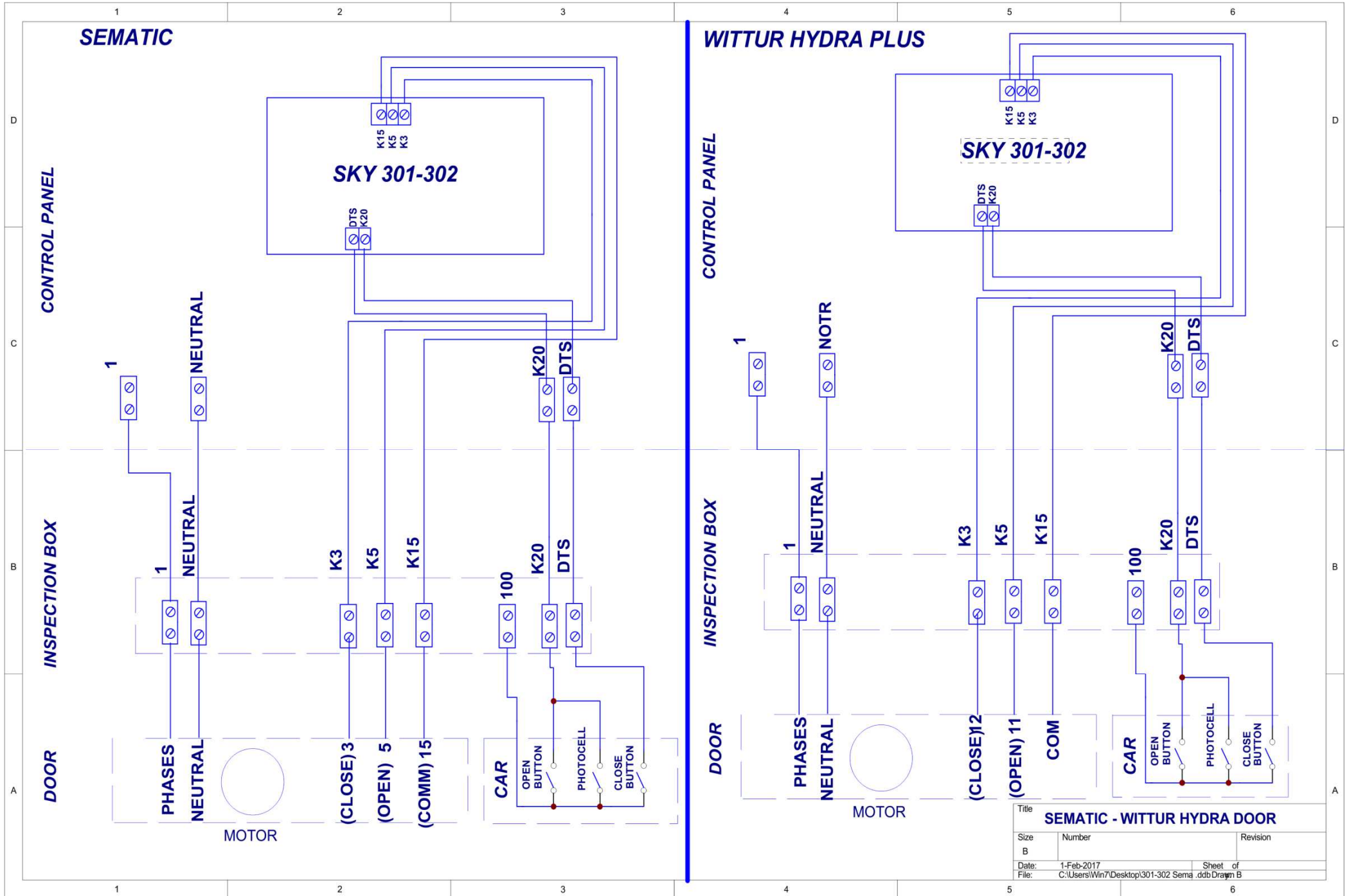
ML1, ML2, MKU AND MKD ARE PLACED ON CARTOP FOR HIGHER NUMBER OF STOPS THE MAP REPEATS ITSELF.



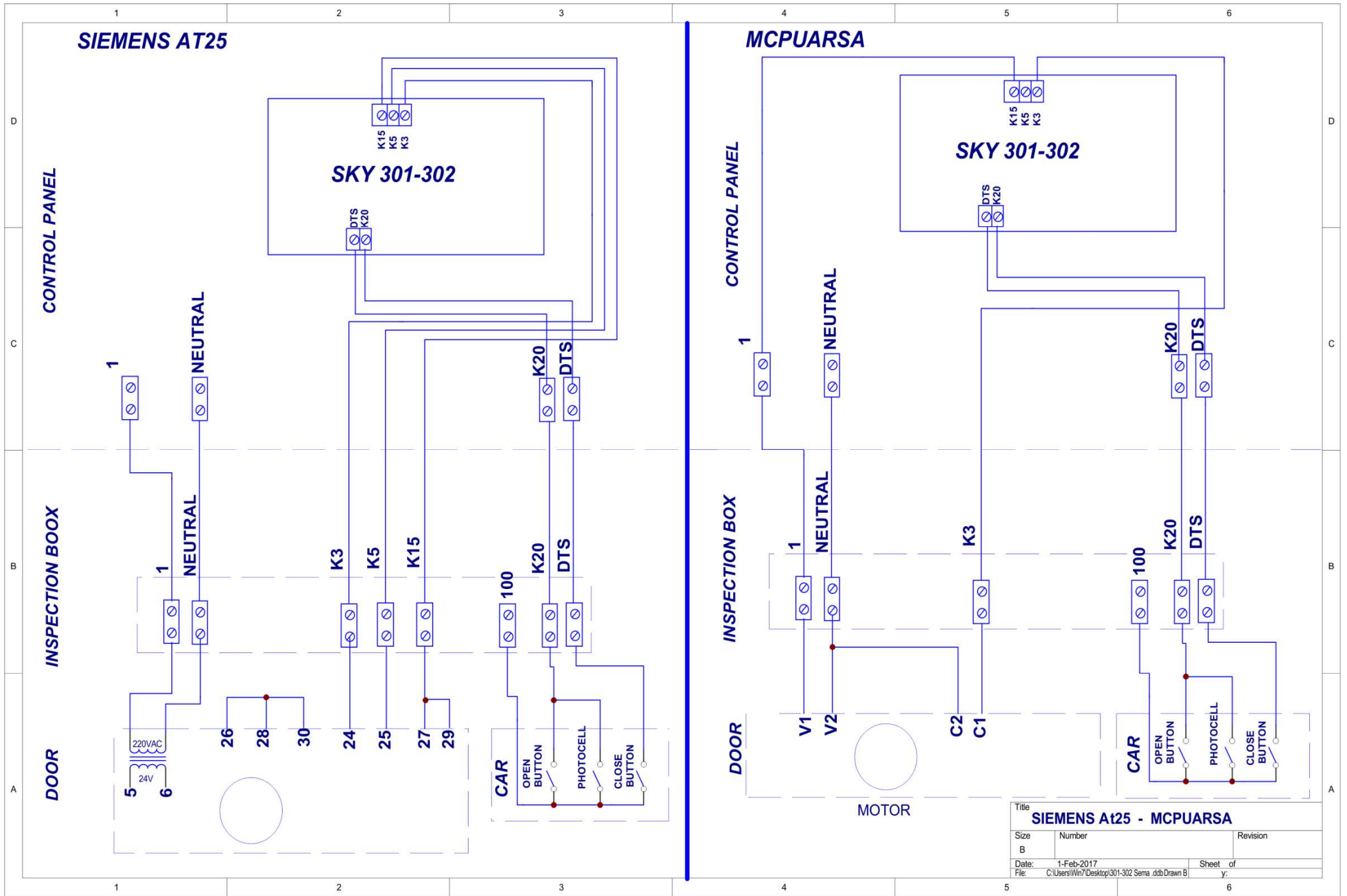
Title <b>2 MONOSTABLE MAGNET (RELEVELING)</b>		
Size B	Number	Revision
Date: 1-Feb-2017	Sheet of	
File: C:\Users\Win7\Desktop\301-302 Sema	ddb Drawn B	



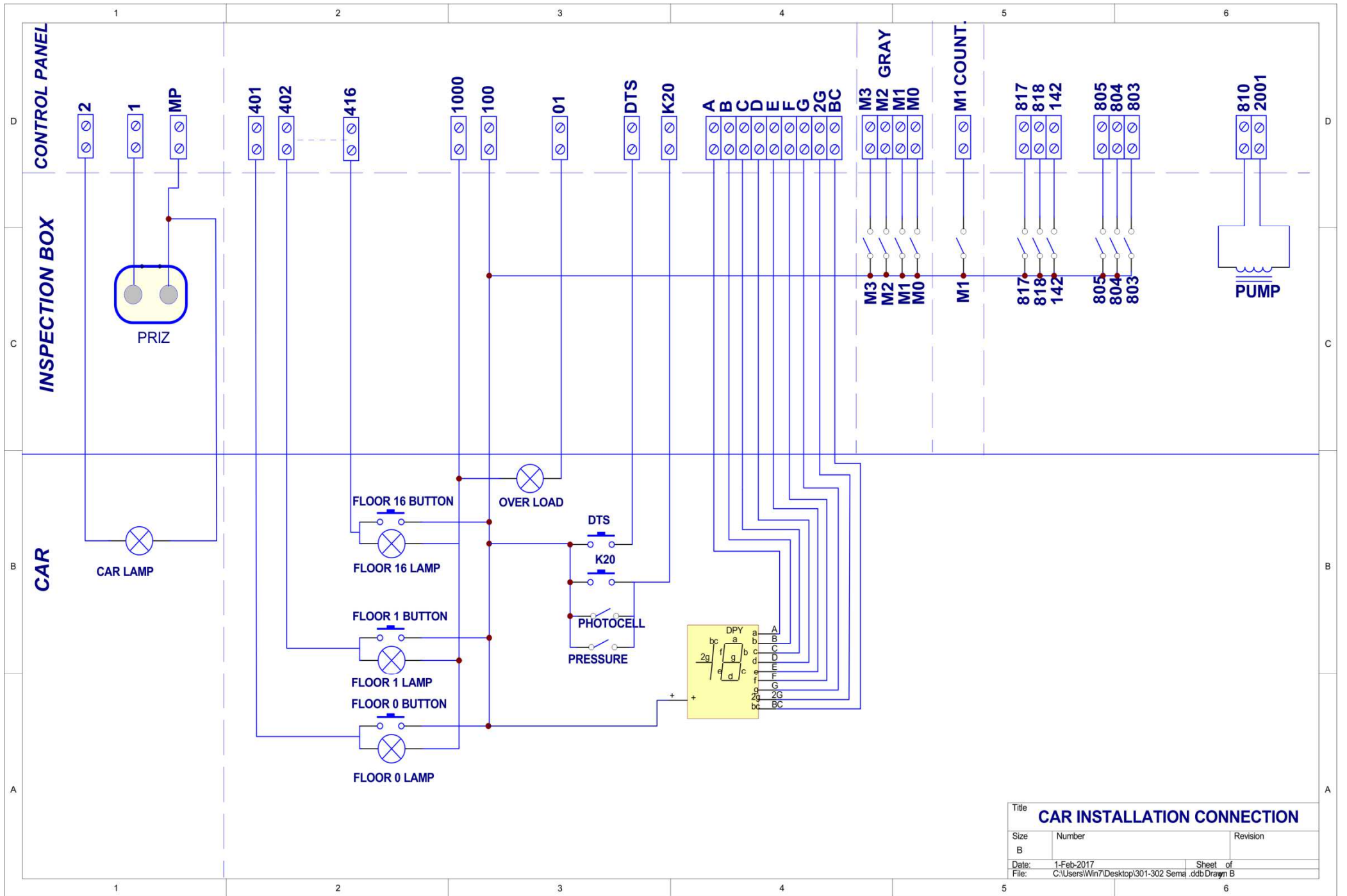
Title		
<b>DOOR CONNECTION</b>		
Size	Number	Revision
D		
Date:	18-Jun-2015	Sheet of



Title		
<b>SEMATIC - WITTUR HYDRA DOOR</b>		
Size	Number	Revision
B		
Date:	1-Feb-2017	Sheet of
File:	C:\Users\Win7\Desktop\301-302 Sema.ddb	Drawn B

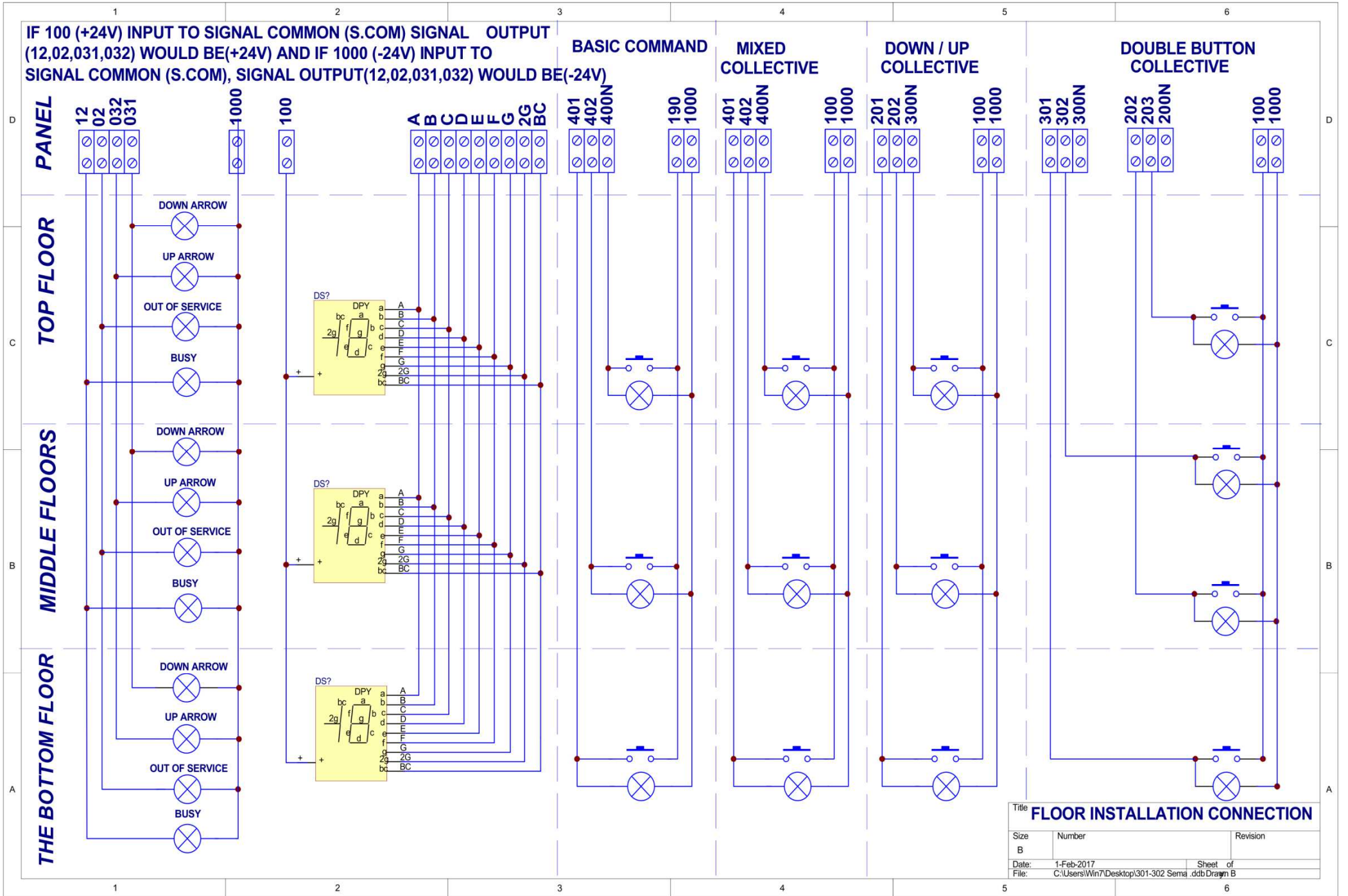


Title		
SIEMENS At25 - MCPUARSA		
Size	Number	Revision
B		
Date:	1-Feb-2017	Sheet of
File:	C:\Users\Win7\Desktop\301-302 Sema .ddb Drawn B	y:

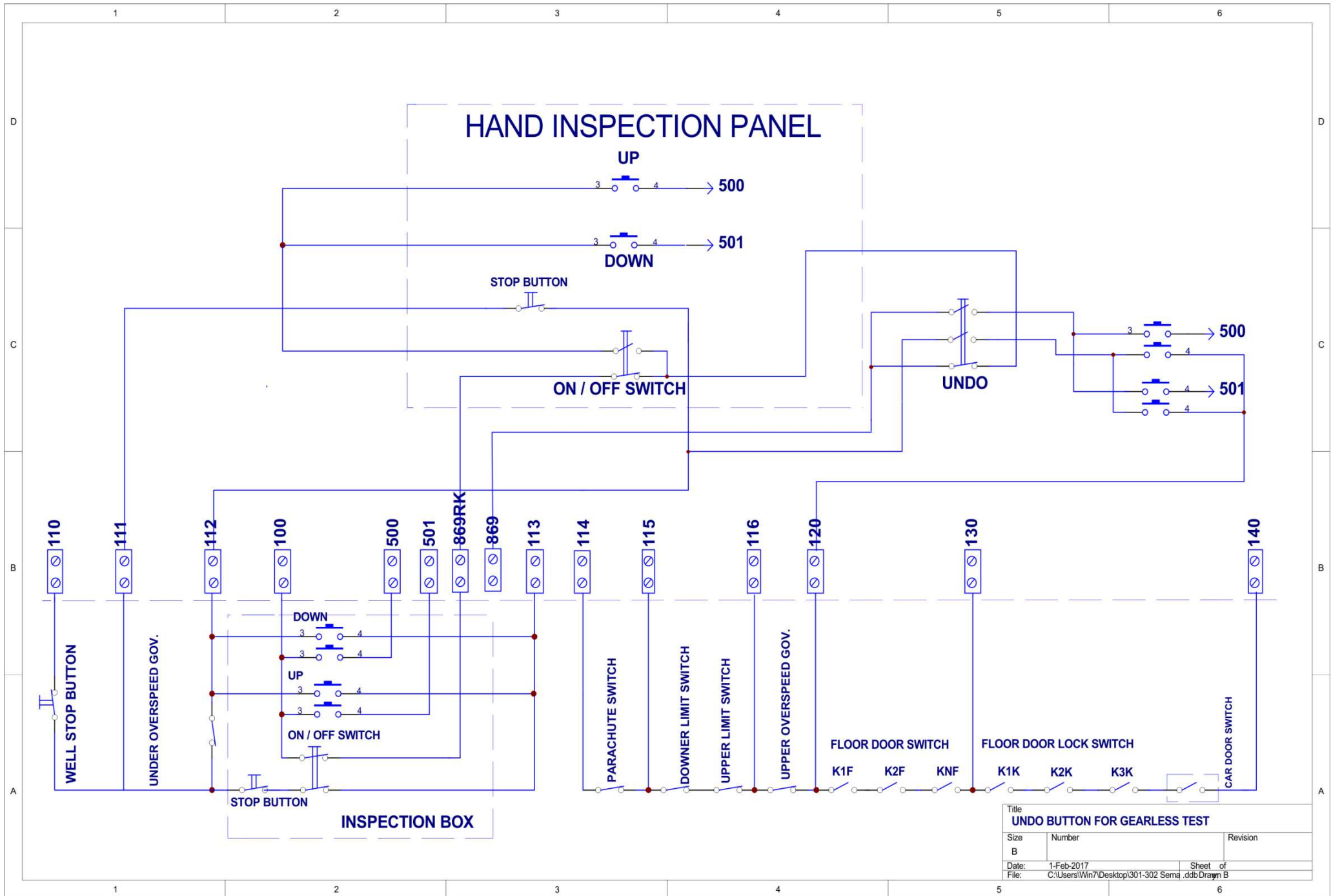


Title <b>CAR INSTALLATION CONNECTION</b>		
Size B	Number	Revision
Date: 1-Feb-2017	Sheet of	
File: C:\Users\Win7\Desktop\301-302 Sema .ddb Drawn B		



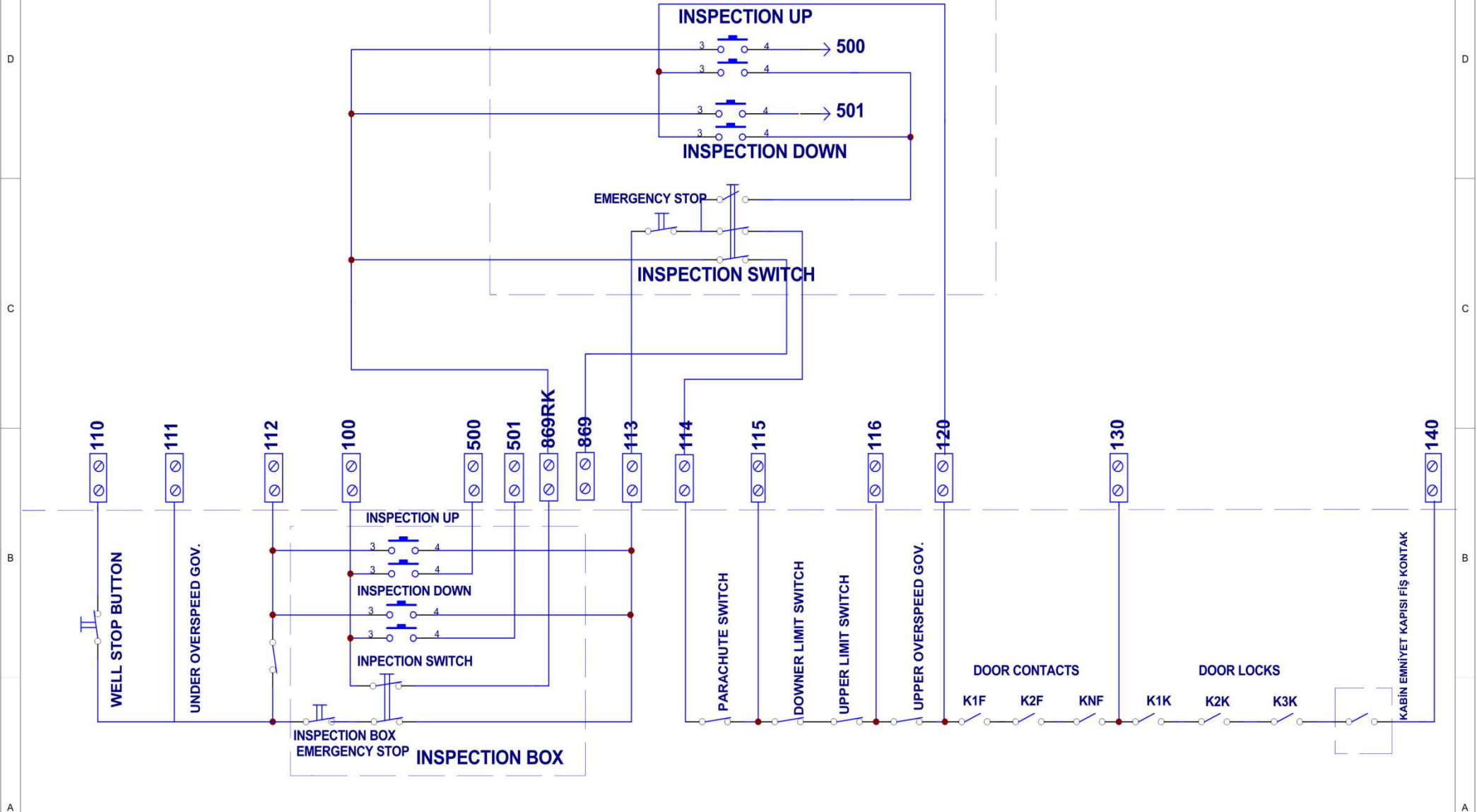


<b>Title</b> FLOOR INSTALLATION CONNECTION		
Size	Number	Revision
B		
Date:	1-Feb-2017	Sheet of
File:	C:\Users\Win7\Desktop\301-302 Sema .ddb Drawn B	



Title		
<b>UNDO BUTTON FOR GEARLESS TEST</b>		
Size	Number	Revision
B		
Date:	1-Feb-2017	Sheet of
File:	C:\Users\Win7\Desktop\301-302 Sema .ddb Drawn B	

# EMERGENCY ELECTRICAL OPERATOR SWITCH



Title		
SECURITY CIRCUIT CONNECTION		
Size	Number	Revision
B		
Date:	1-Feb-2017	Sheet of
File:	C:\Users\Win7\Desktop\301-302 Sema .ddb Drawn B	



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