

## INDEX

1 / 400	INDEX	48 / 568	CONTROL LIGHTS	93 / 657	OUTPUT PLC (ST)
2 / 402	INFORMATION	49 / 569	CONTROL LIGHTS	94 / 658	OUTPUT PLC (ST)
3 / 403	RESERVATION LINE CABLE / SIGNAL CABLE	50 / 600	POWER SUPPLY PC-SYSTEM	95 / 659	OUTPUT PLC (ST)
4 / 405	CONTROL PANEL DIMENSIONS	51 / 601	POWER SUPPLY PC-SYSTEM	96 / 660	OUTPUT PLC (ST)
5 / 407	CONTROL PANEL DIMENSIONS	52 / 605	ANALOG INPUT (FS)	97 / 661	ANALOG IN/OUTPUT PLC (ST)
6 / 410	CONTROL BOX LIGHT	53 / 609	INPUT PLC (FS)	98 / 700	MAGNETIC CLUTCH
7 / 411	POWER SUPPLY 3X400/230V	54 / 610	INPUT PLC (FS)	99 / 702	MAGNETIC CLUTCH
8 / 413	THREE-PHASE MOTORS	55 / 611	INPUT PLC (FS)	100 / 706	SPINDLE MOTOR FEED RAIL
9 / 418	THREE-PHASE MOTORS PLATFORM	56 / 612	INPUT PLC (FS)	101 / 708	CONTROL LIGHTS RAILS
10 / 420	POWER SUPPLY 24V/DC	57 / 613	INPUT PLC (FS)	102 / 709	CONTROL LIGHTS PLATFORM
11 / 421	CIRCUIT BREAKERS	58 / 614	INPUT PLC (FS)	103 / 710	CONTROL LIGHTS
12 / 422	CIRCUIT BREAKERS	59 / 615	INPUT PLC (FS)	104 / 720	CONNECTIONS PARKING
13 / 423	LOW VOLTAGE 24V/DC	60 / 616	INPUT PLC (FS)	105 / 730	TOUCH SCREEN
14 / 424	FUSE FAULT	61 / 617	INPUT PLC (FS)		
15 / 429	HYDR. TENS. SOLENOID	62 / 618	INPUT PLC (FS)		
16 / 450	RESET BUTTONS	63 / 619	OUTPUT PLC (FS)		
17 / 455	READY	64 / 620	OUTPUT PLC (FS)		
18 / 461	TYRE CONVEYOR	65 / 621	INPUT PLC (FS)		
19 / 464	LIMIT SWITCH PLATFORM	66 / 622	INPUT PLC (FS)		
20 / 470	SLOW 1	67 / 623	OUTPUT PLC (FS)		
21 / 473	SLOW 2	68 / 624	OUTPUT PLC (FS)		
22 / 476	TACHO FOR SPEED CONTROLS PARKING AREA	69 / 633	OUTPUT PLC (ST)		
23 / 479	PRESSURE TRANSDUCER HYDRAULIC TENSIONING	70 / 634	OUTPUT PLC (ST)		
24 / 480	ROPE POSITION MONITORING	71 / 635	INPUT PLC (ST)		
25 / 481	ROPE POSITION MONITORING	72 / 636	INPUT PLC (ST)		
26 / 482	ROPE POSITION MONITORING	73 / 637	INPUT PLC (ST)		
27 / 485	WIND WARNING	74 / 638	INPUT PLC (ST)		
28 / 487	CONNECTIONS DRIVE STATION	75 / 639	INPUT PLC (ST)		
29 / 490	CONNECTIONS DRIVE STATION	76 / 640	INPUT PLC (ST)		
30 / 495	CONNECTIONS DRIVE STATION	77 / 641	INPUT PLC (ST)		
31 / 496	CONNECTIONS DRIVE STATION	78 / 642	INPUT PLC (ST)		
32 / 500	CONNECTIONS DRIVE STATION	79 / 643	INPUT PLC (ST)		
33 / 504	CONNECTIONS DRIVE STATION	80 / 644	INPUT PLC (ST)		
34 / 505	TELEPHONE	81 / 645	OUTPUT PLC (ST)		
35 / 507	SIGNAL BUTTONS	82 / 646	OUTPUT PLC (ST)		
36 / 508	SIGNAL	83 / 647	OUTPUT PLC (ST)		
37 / 511	MAINTENANCE LOCK OUT	84 / 648	OUTPUT PLC (ST)		
38 / 520	STOP BUTTONS	85 / 649	OUTPUT PLC (ST)		
39 / 522	EMERG. STOP BUTTONS	86 / 650	OUTPUT PLC (ST)		
40 / 523	STOP EB BUTTONS	87 / 651	OUTPUT PLC (ST)		
41 / 525	RELAY	88 / 652	OUTPUT PLC (ST)		
42 / 526	RELAY	89 / 653	INPUT PLC (ST)		
43 / 527	RELAY	90 / 654	INPUT PLC (ST)		
44 / 530	CHANGE-OVER PULSING	91 / 655	INPUT PLC (ST)		
45 / 537	GRIP FORCE SENSOR 2	92 / 656	INPUT PLC (ST)		
46 / 538	GRIP FORCE SENSOR 1				
47 / 560	CONTROL LIGHTS				

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Revision	2.1	Drawn by	LOJ	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 Doppelmayr Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	INDEX	=A2+01	
Date	14.08.20	Dr.ch.by	FHS				Date 14.08.20	
File:	GEWAA2638						Sheet : 400 Cont.sheet: 402	
				RETURN STATION		LV-CONTROL		

## A LOCATION:

A1 ... DRIVE STATION  
 A2 ... RETURN STATION  
 A3 ... MIDDLE STATION  
 A10... BOTTOM STATION

01 ... CONTROL PANEL  
 02 ...  
 03 ... STATION  
 04 ... REMOTE CONTROL  
 05 ... BRAKE HYDRAULICS  
 06 ... LIFT LINE / TOWERS  
 07 ... LIGHTNING PROTECTION BOX  
 08 ... OIL COOLER  
 09 ... AUXILIARY DRIVE (ADDITIONAL HYDR.)  
 010... HYDR. TENSIONING  
 011... PARKING  
 012... OPENING-CLOSING MECHANISM  
 013... EMERGENCY DRIVE  
 014...  
 015... SCR UNIT  
 016... POWER SUPPLY UNIT SCR-DRIVE  
 017...  
 018... LOADING CARPET  
 019...  
 020... LOADING GATE  
 021... TERMINAL BOX LOADING GATE  
 022... HYDRAULIC AGGREGATE LOADING GATE  
 023... LOADING GATE  
 024... TERMINAL BOX PASSENGER COUNTER  
 025... BATTERY PANEL  
 026... LOW VOLTAGE DISTRIBUTION  
 027...  
 028...  
 029...  
 030... LOUDSPEAKER EQUIPMENT  
 031... TERMINAL BOX TB1  
 0131.. TERMINALBOX TB11  
 032... TERMINAL BOX TB2  
 0132.. TERMINALBOX TB12  
 033... TERMINAL BOX TB3  
 034... TERMINAL BOX TB4  
 0134.. TERMINAL BOX "TB 14"  
 035... TERMINAL BOX TB5  
 0135.. TERMINAL BOX "TB 15"  
 036... TERMINAL BOX TB6  
 037... TERMINAL BOX TB7  
 038... TERMINAL BOX TB8  
 039... TERMINAL BOX TB9  
 040...  
 041... R.M.C. 1  
 042... R.M.C. 2  
 043... R.M.C. 3  
 044... R.M.C. 4 (INCOMING)  
 045... R.M.C. 5 (OUTGOING)  
 046...  
 047...  
 048...  
 049...  
 050...  
 051... TELEPHONE CONNECTOR MACHINE ROOM  
 052... TELEPHONE CONNECTOR THYRISTOR ROOM  
 080... TERMINAL BOX TB80 STATION PARKING DECELERATOR  
 081... TERMINAL BOX TB81 STATION PARKING ACCELERATOR  
 0100.. TERMINAL BOX TENSIONING AGGREGATE  
 0101.. HYDR. TENSIONING UNIT  
 0102.. TERMINAL BOX LOAD CELL  
 0103.. LOAD CELL

## TERMINAL STRIP:

X1 ... POWER SUPPLY 24V/DC  
 X2 ... THREE-PHASE MOTORS  
 X3 ... LIGHTING  
 X4 ... POWER SUPPLY (AC)  
 X5 ... CONNECTIONS THYRISTOR PANEL  
 X6 ... LIMIT SWITCHES  
 X7 ... BRAKE HYDRAULICS  
 X8 ... REMOTE CONTROLS  
 X9 ... HYDR. TENSIONING - TERMINAL BOX TENSIONING AGGREGATE  
 X10...  
 X11...  
 X12...  
 X13... LIGHT BARRIER LOADING GATE  
 X14... LIMIT SWITCH LOADING GATE  
 X15...  
 X16... LIFT LINE (TOWERS)  
 X17... LIFT LINE (SIGNALS)  
 X18...  
 X19... CONNECTIONS TO AUX. DRIVE  
 X20...  
 X21... LIMIT SWITCHES FOR ANTI COLLISION SYSTEM  
 X22... PROXIMITY SWITCHES (FILTER TERMINALS)  
 X23... CONNECTIONS TO PARKING CONTROLS  
 X24...  
 X25... MEASURING CABLES  
 X26... MEASURING CABLES  
 X27... CONNECTION TO LOADING CARPET  
 X28...  
 X29...  
 X41... PRINT MAIN CONTROLS  
 X60... MAGNETIC CLUTCH / SPINDLE MOTOR  
 X80... STATION PARKING  
 X82... PROXIMITY SWITCHES (FILTER TERMINALS) STATION PARKING

A

B

C

D

E

F

Revision	2.1	Drawn by	LOJ
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Date	14.08.20	Dr.ch.by	FHS
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10-MGD BANA BIG ROPEWAY

WAA0002638

BANA / VIETNAM

 Doppelmayr
Innova Patent GmbH  
A-6960 WOLFURT / AUSTRIA

®

INFORMATION

RETURN STATION

LV-CONTROL

=A2+01

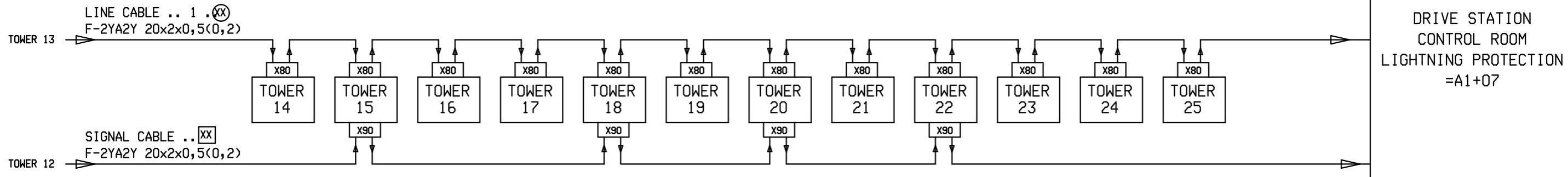
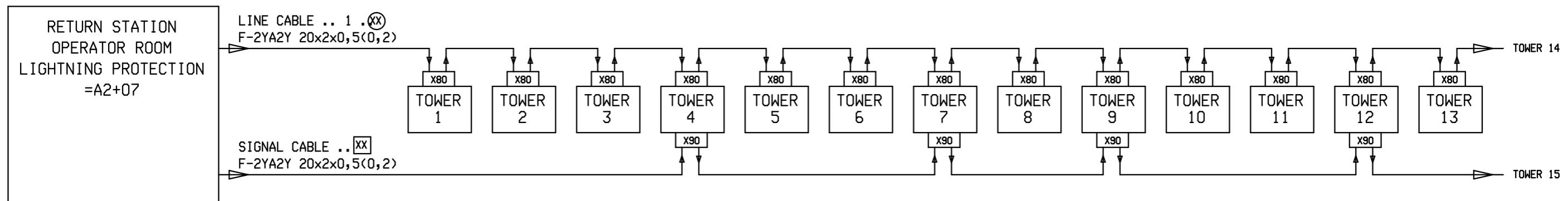
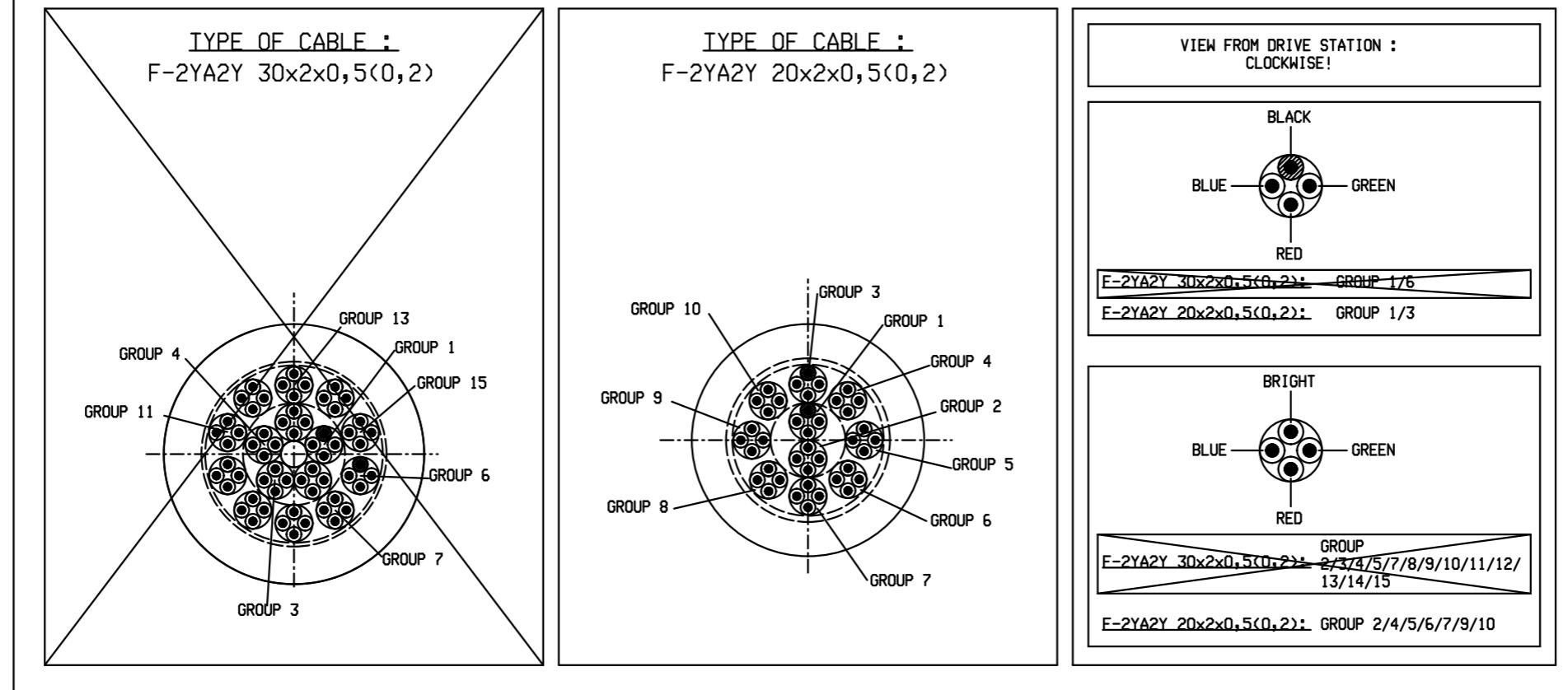
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Sheet : 402

Cont.sheet: 403

File: GEWAA2638

# CROSS SECTIONS AERIAL CABLE



Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS

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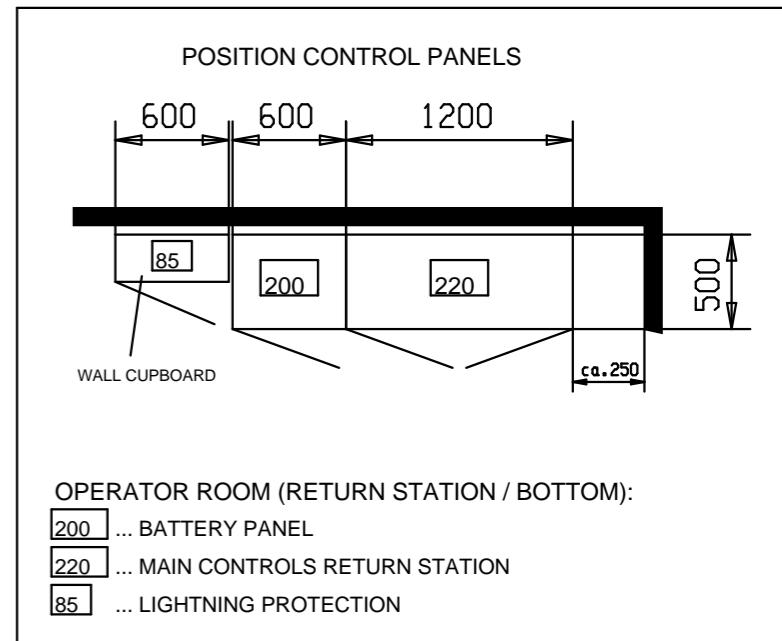
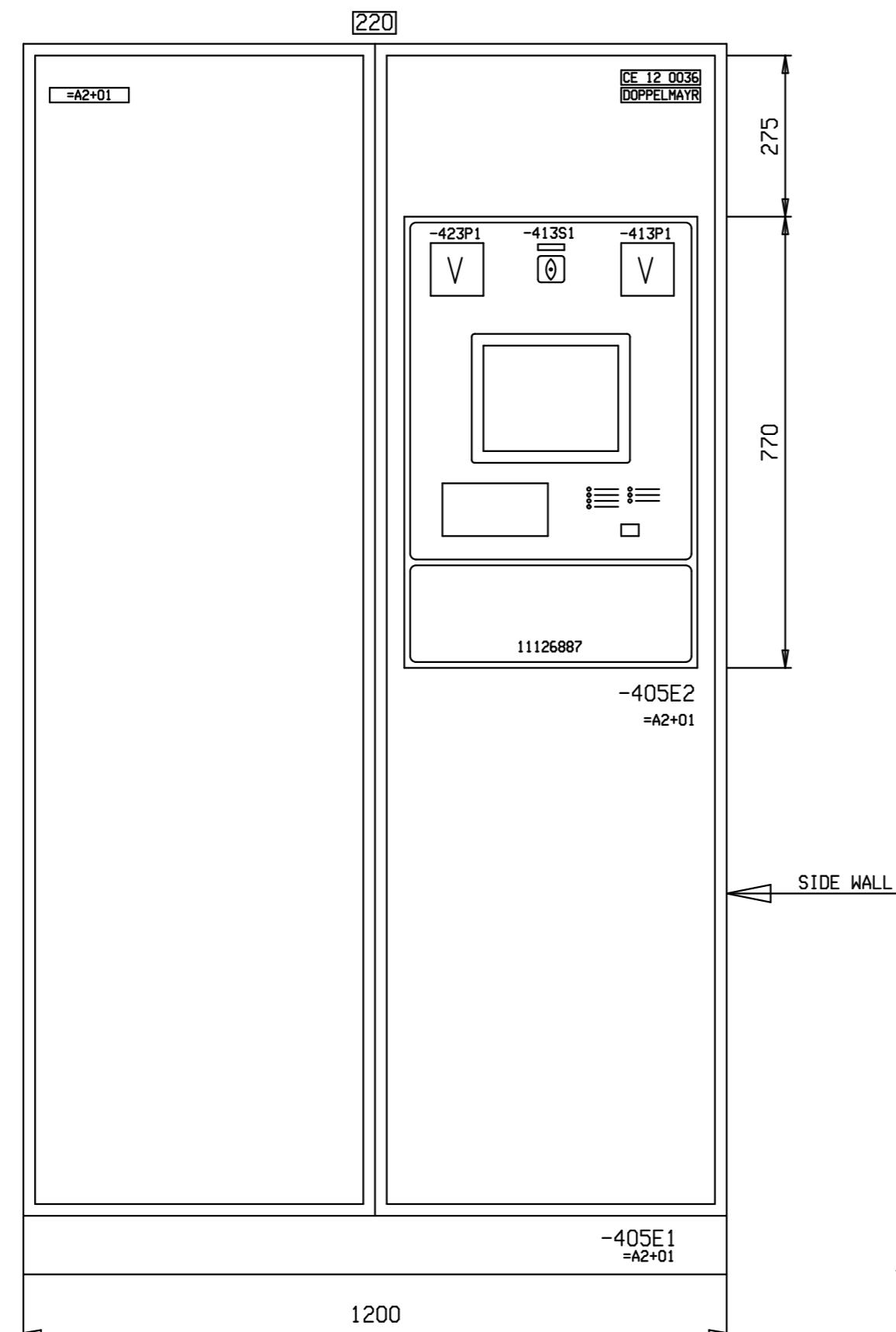
Innova Patent GmbH  
A-6960 WOLFURT / AUSTRIA

<b>RESERVATION LINE CABLE / SIGNAL CABLE</b>	
RETURN STATION	LV-CONTROL
<b>=A2+01</b>	<b>Sheet : 403</b>

File: GEWAA2638

Date 14.08.20

Cont.sheet: 403



**MAIN CONTROLS =A2+01**

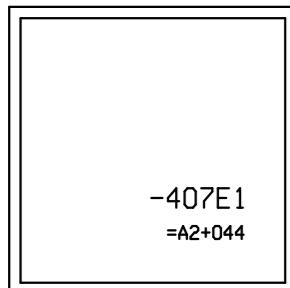
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- 413P1...CONTROL VOLTAGE
- 423P1...BATTERY VOLTAGE

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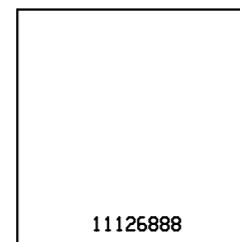
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- 405E4 =A2+01 1x LSC-FRAME
- 405E5 =A2+01 1x CONTROL PANEL DOOR MACHINED (TS 8205.510 re.)
- 405E6 =A2+01 1x STICKER - CE
- 405E7 =A2+01 1x STICKER - "Doppelmayr-Logo"
- 405E8 =A2+01 1x STICKER - "=A2+01"
- 405E9 =A2+01 1x STICKER - ATTENTION - ELECTRICITY
- 405E10 =A2+01 1x STICKER - MOBILE RADIOTELEPHONE FORBIDDEN

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Date	14.08.20	Dr.ch.by	FHS					Date 11.09.13
File:	GEWAA2638					<b>RETURN STATION</b>		<b>LV-CONTROL</b>
								Sheet : 405 Cont.sheet: 407

A



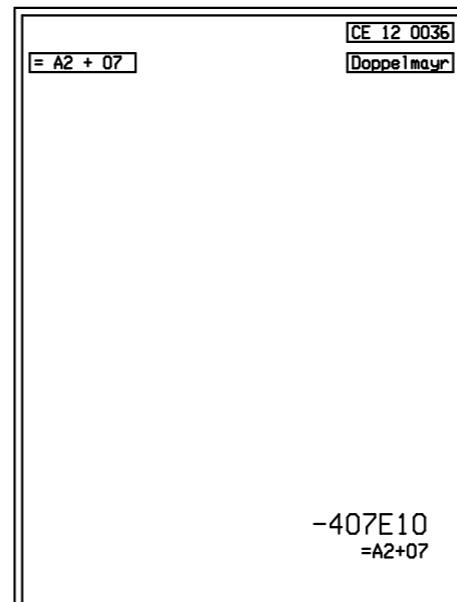
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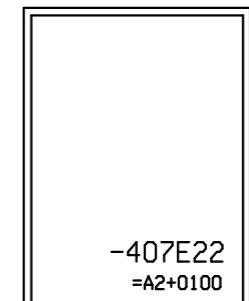
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=A2+044

-407E2  
=A2+044



-407E10  
=A2+07

CE 12 0036  
Doppelmayr



-407E22  
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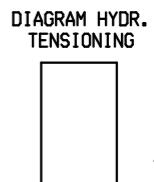
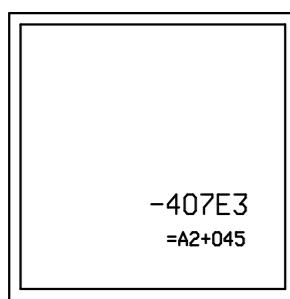
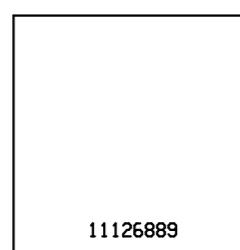


DIAGRAM HYDR.  
TENSIONING  
TERMINAL BOX  
HYDR. TENSIONING UNIT  
=A2+0100



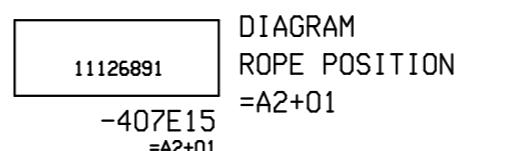
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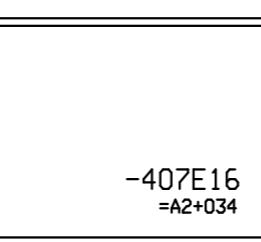
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=A2+045

-407E4  
=A2+045



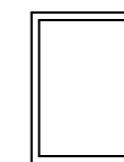
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DIAGRAM  
ROPE POSITION  
=A2+01

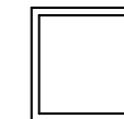


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=A2+034

TERMINAL BOX TB4  
=A2+034



-407E24  
=A2+0112

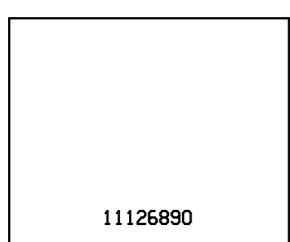


OPTIONAL  
OPERATION  
TYRE CONVEYOR  
=A2+046

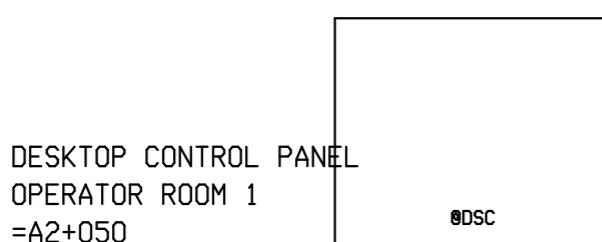


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=A2+0134

TERMINAL BOX TB 14  
=A2+0134



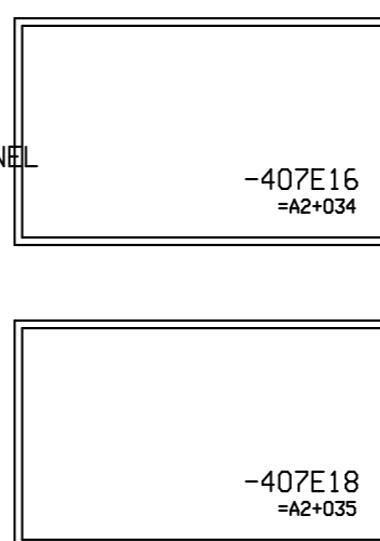
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DESKTOP CONTROL PANEL  
OPERATOR ROOM 1  
=A2+050

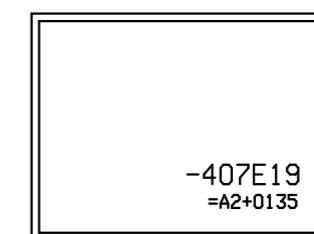
OPTIONAL  
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OPERATOR ROOM 2  
=A2+055

-407E6  
=A2+055



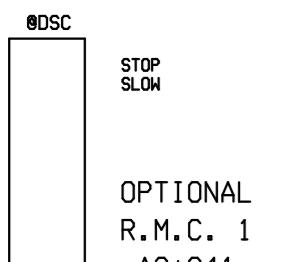
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TERMINAL BOX TB5  
=A2+035

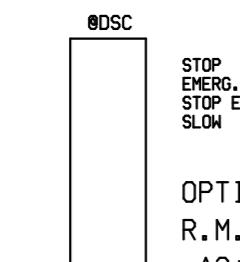


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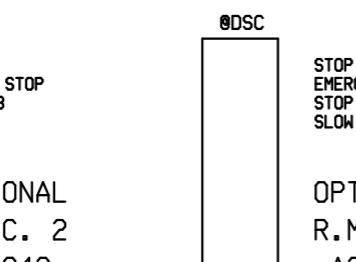
TERMINAL BOX TB 15  
=A2+0135



OPTIONAL  
R.M.C. 1  
=A2+041



OPTIONAL  
R.M.C. 2  
=A2+042



OPTIONAL  
R.M.C. 3  
=A2+043

OPTIONAL  
DESKTOP CONTROL PANEL  
OPERATOR ROOM 2  
=A2+055

-407E20  
=A2+074

TERMINAL BOX 1  
PLATFORM RAILS  
=A2+074



OPTIONAL  
TERMINAL BOX 2  
PLATFORM RAILS  
=A2+075



### CONTROL PANEL DIMENSIONS

RETURN STATION

LV-CONTROL

=A2+01

Date 11.09.13

Sheet 407

Cont. sheet 410

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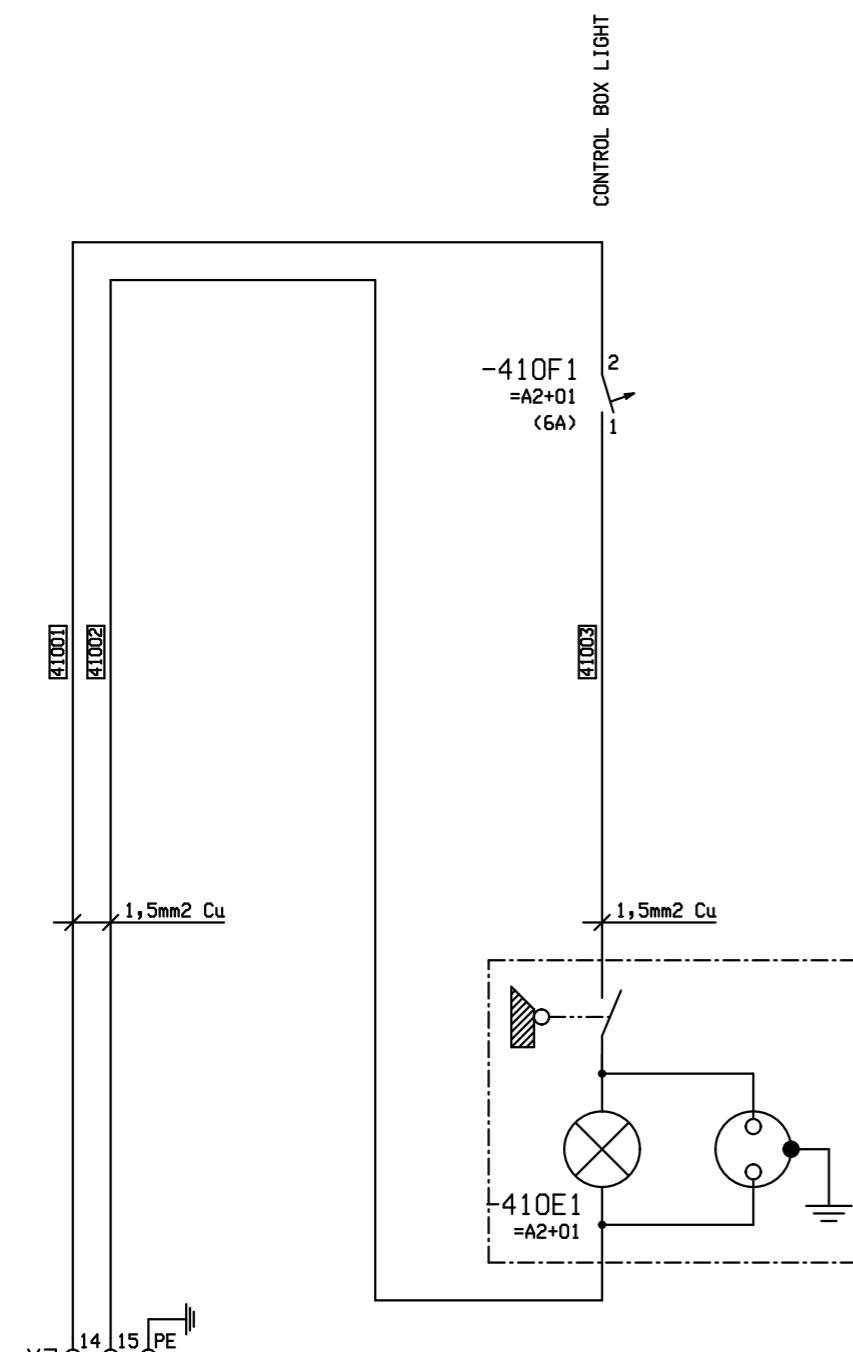
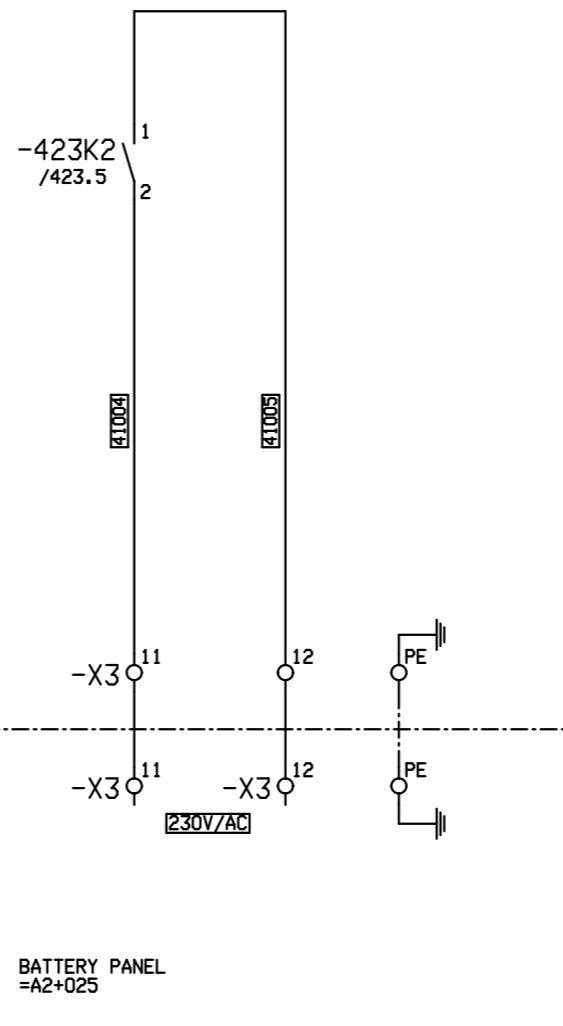
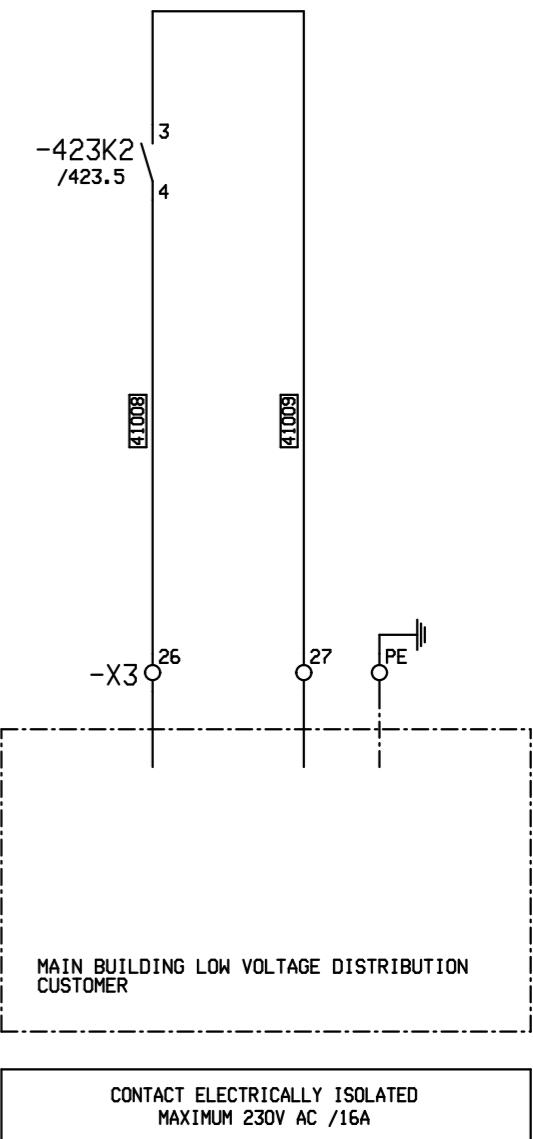
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File: GEWAA2638

F

A

CONTROL BOX LIGHT

RETURN STATION UNMANNED  
LIGHTING ON  
LINE PROJECTORRETURN STATION UNMANNED  
LIGHTING ON  
LOADING / UNLOADING AREA

POWER SUPPLY  
230V 50Hz  
WITH FUSES 10A  
FROM BATTERY PANEL

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Date 14.08.20 Dr.ch.bv FHS  
File: GEWAA2638

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Innova Patent GmbH  
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® CONTROL BOX LIGHT

RETURN STATION

LV-CONTROL

=A2+01

Date 19.10.11

Sheet : 410

Cont.sheet: 411

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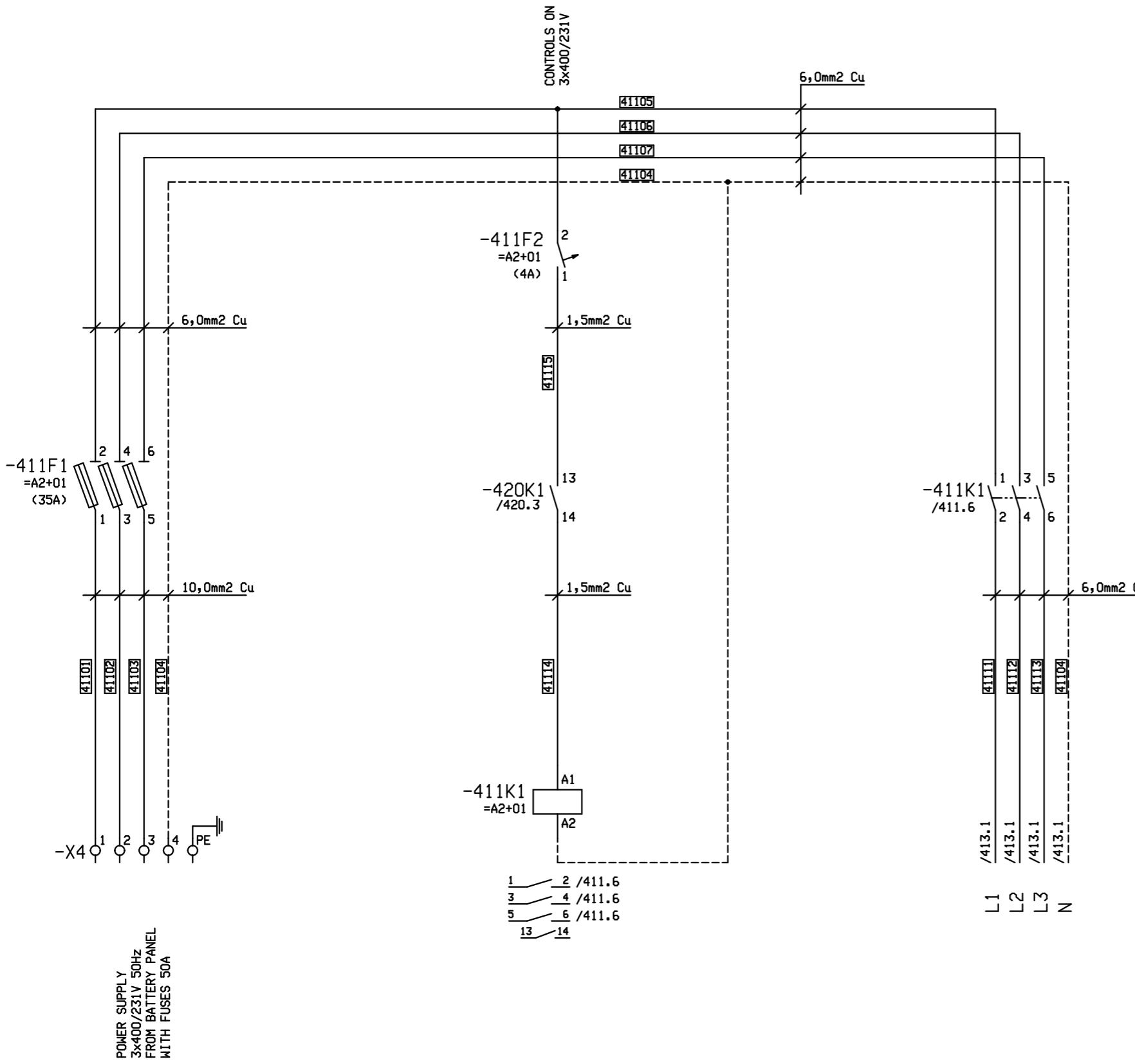
B

C

D

E

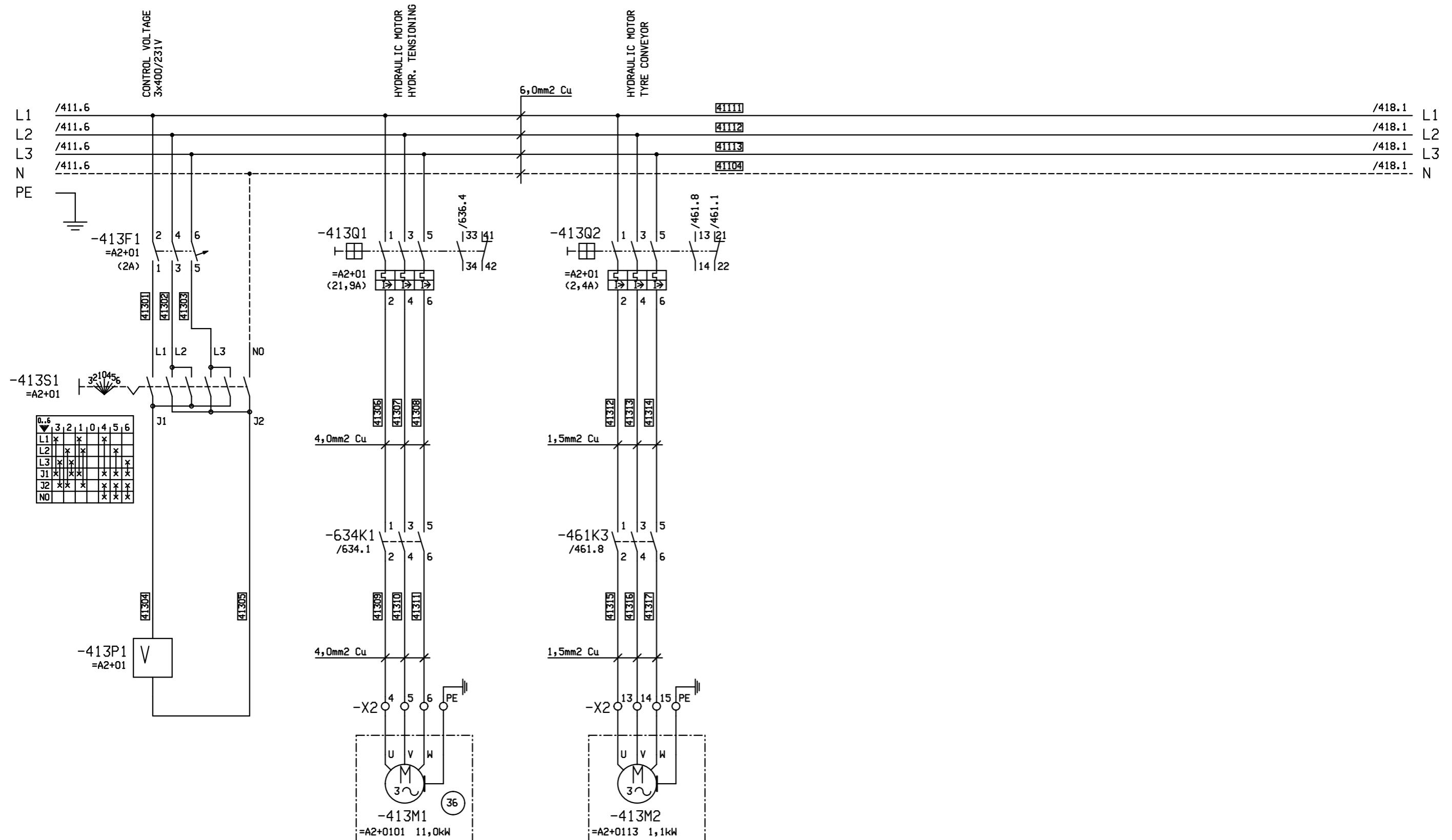
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Revision	2.1	Drawn by	L0J
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File: GEWAA2638			

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WAA0002638  
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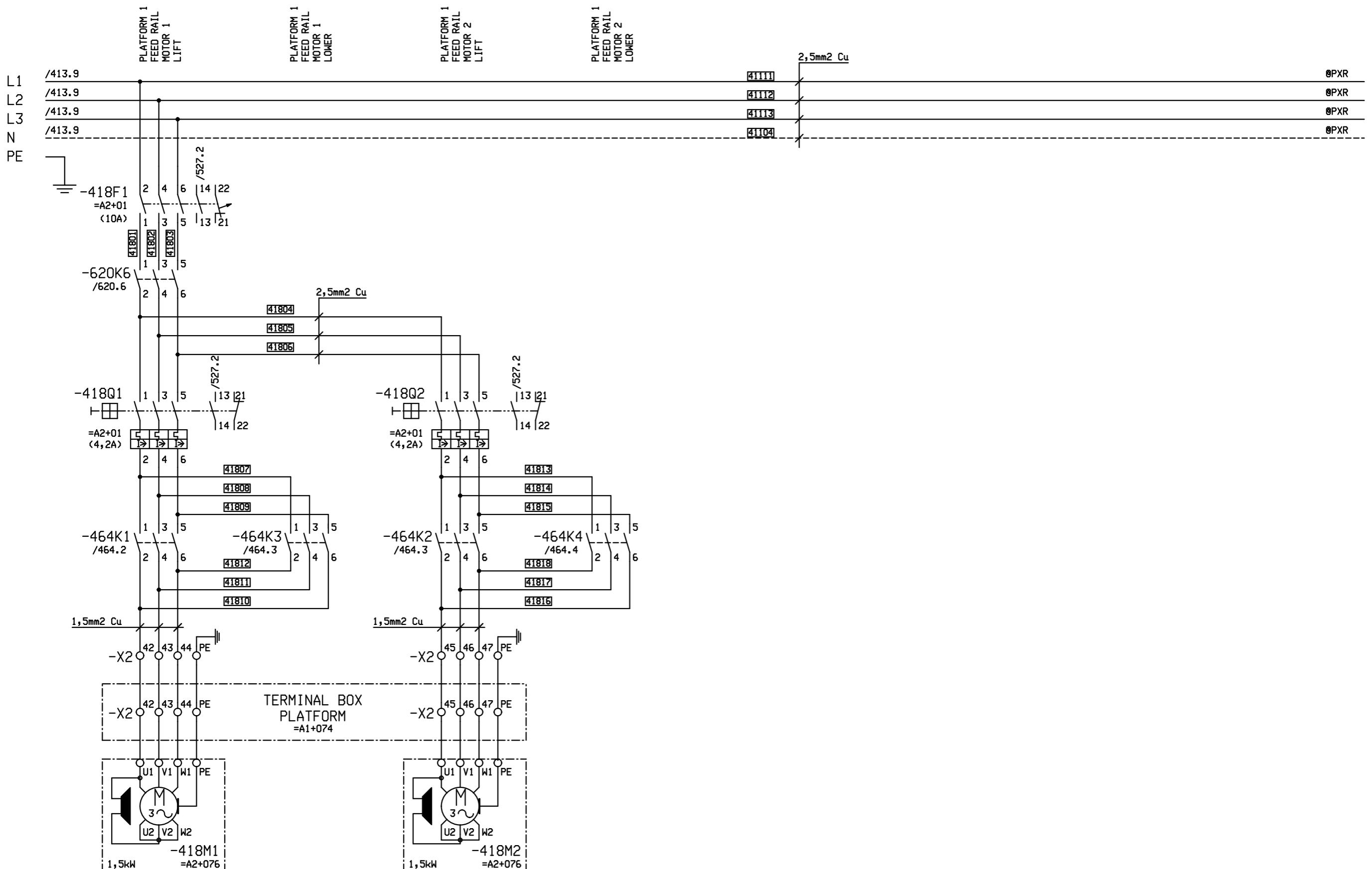
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F

Revision	2.1	Drawn by	LOJ	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 Doppelmayr Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	=A2+01	
Date	14.08.20	Dr.ch.bv	FHS			Date 22.11.12	
File:	GEWAA2638					Sheet : 413 Cont.sheet: 418	
		THREE-PHASE MOTORS					
		RETURN STATION		LV-CONTROL			

A



Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS

10-MGD BANA BIG ROPEWAY

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A-6960 WOLFURT / AUSTRIA

THREE-PHASE MOTORS PLATFORM

RETURN STATION

LV-CONTROL

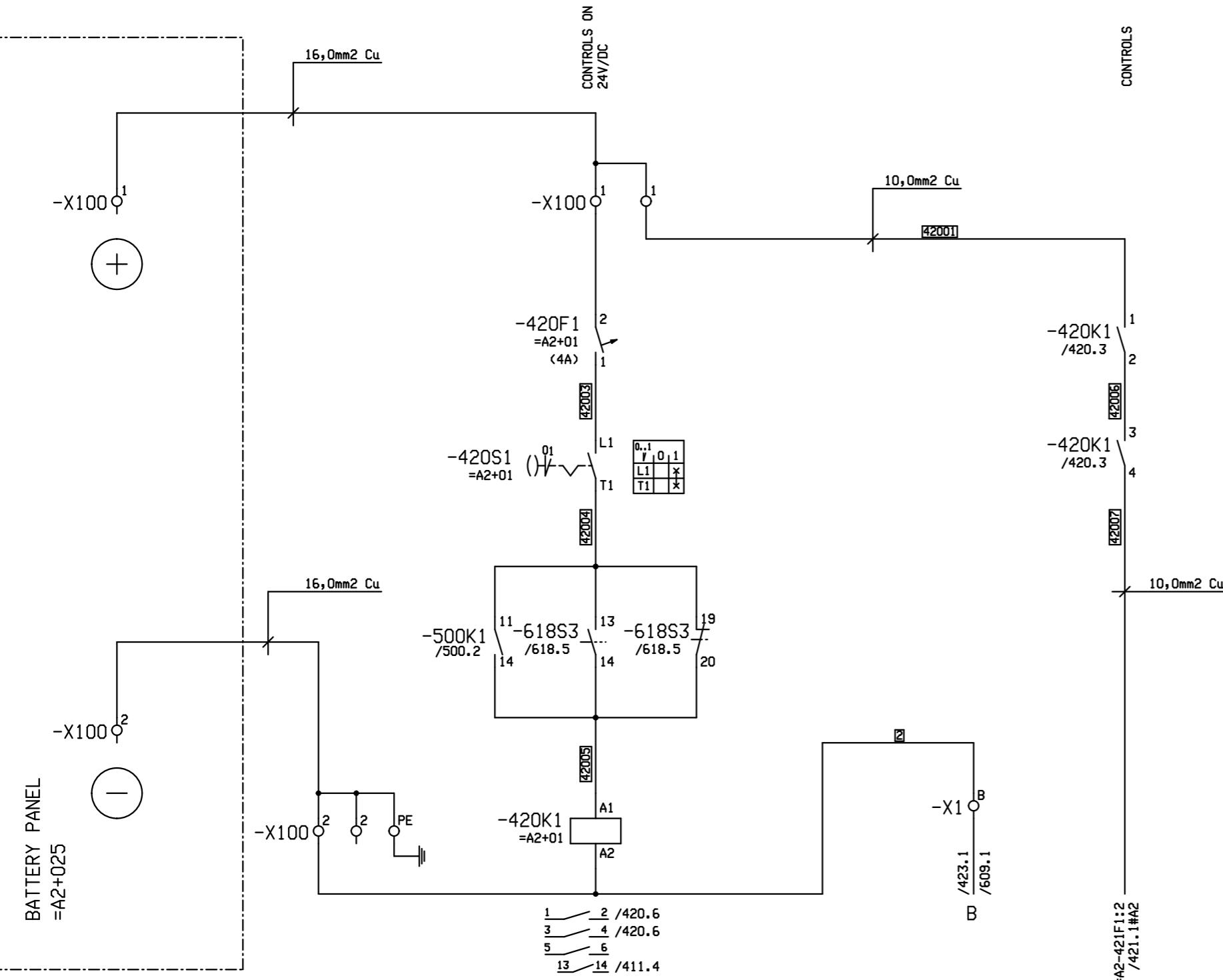
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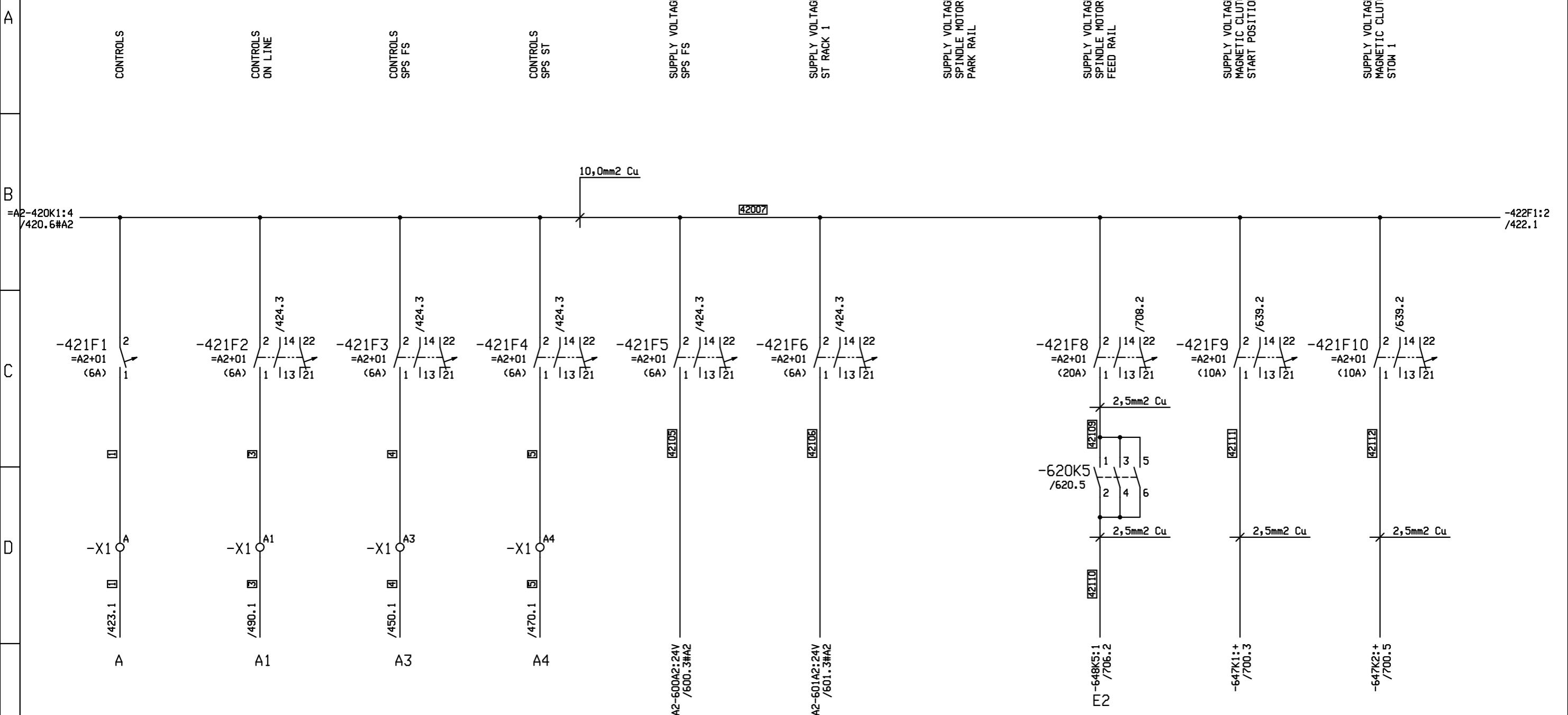
Cont.sheet: 420

File: GEWAA2638



Every wire with # is wiring for ground and short circuit safety

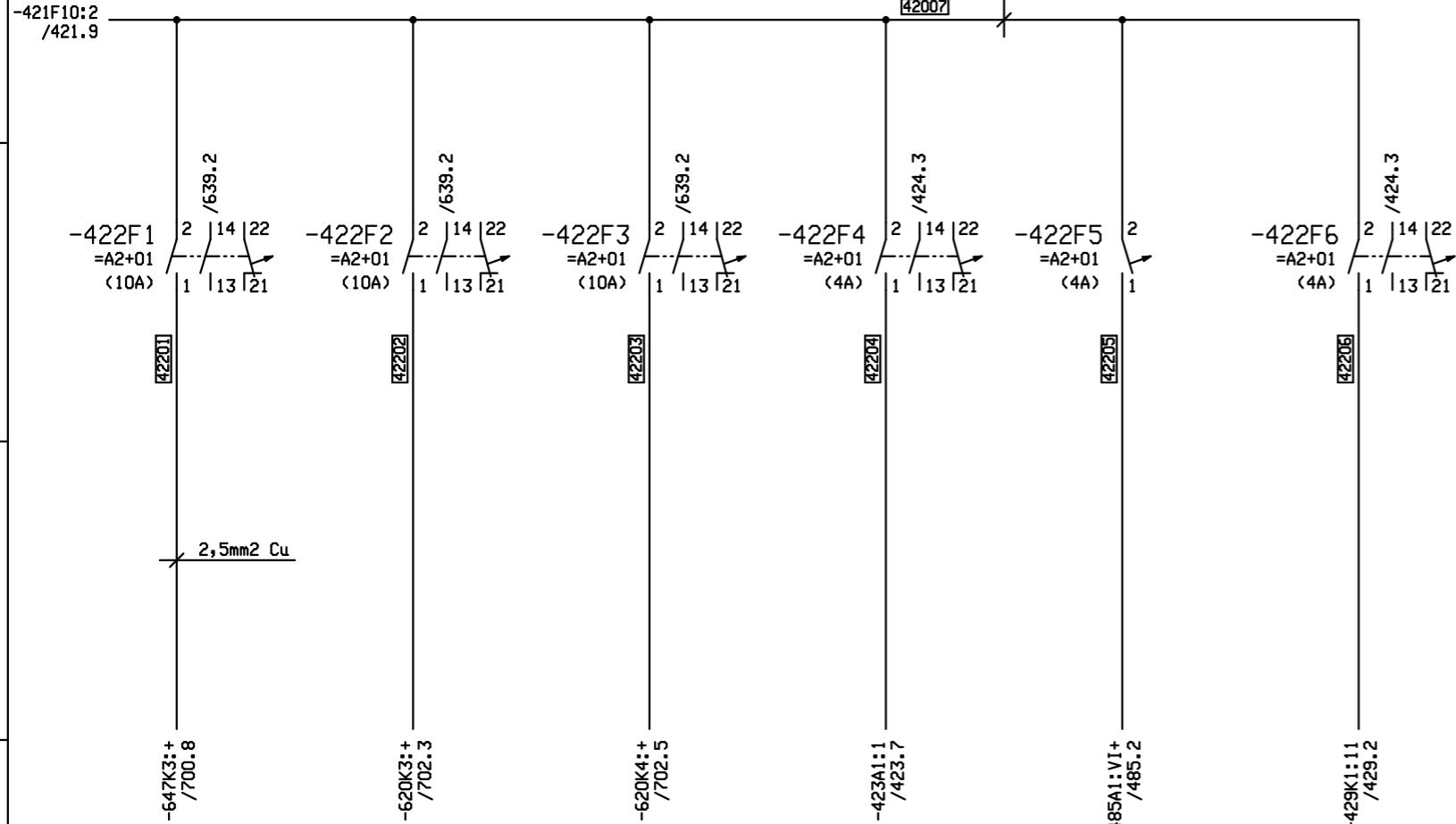
Revision	2.1	Drawn by	LOJ	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 Doppelmayr® Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	POWER SUPPLY 24V/DC		=A2+01	
Date	14.08.20	Dr.ch.by	FHS			RETURN STATION		LV-CONTROL	
File:	GEWAA2638					Sheet : 420		Cont.sheet: 421	



A

SUPPLY VOLTAGE  
MAGNETIC CLUTCH  
STOW 2SUPPLY VOLTAGE SAFETY  
CLUTCH 1  
DOOR FAULTSUPPLY VOLTAGE SAFETY  
CLUTCH 2  
DOOR FAULTSUPPLY VOLTAGE  
DC-DC CONVERTER  
ANALOG INPUT/OUTPUTSUPPLY VOLTAGE  
DC-DC CONVERTER  
WIND MEASURING SYSTEMSUPPLY VOLTAGE  
VALVES HYDRAULIC TENSIONINGSUPPLY VOLTAGE  
SOLENOID  
TYRE CONVEYOR  
RPD SYSTEMSUPPLY VOLTAGE  
MAGNETIC CLUTCH  
SPACING CLUTCH  
PARKINGSUPPLY VOLTAGE  
MAGNETIC CLUTCH  
SPACING CLUTCH  
CURVED SECTIONSUPPLY VOLTAGE  
PLC-CENTRAL UNIT  
SEAT HEATING

B



D

E

F

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**Doppelmayr**
Innova Patent GmbH  
A-6960 WOLFURT / AUSTRIA

CIRCUIT BREAKERS

RETURN STATION

LV-CONTROL

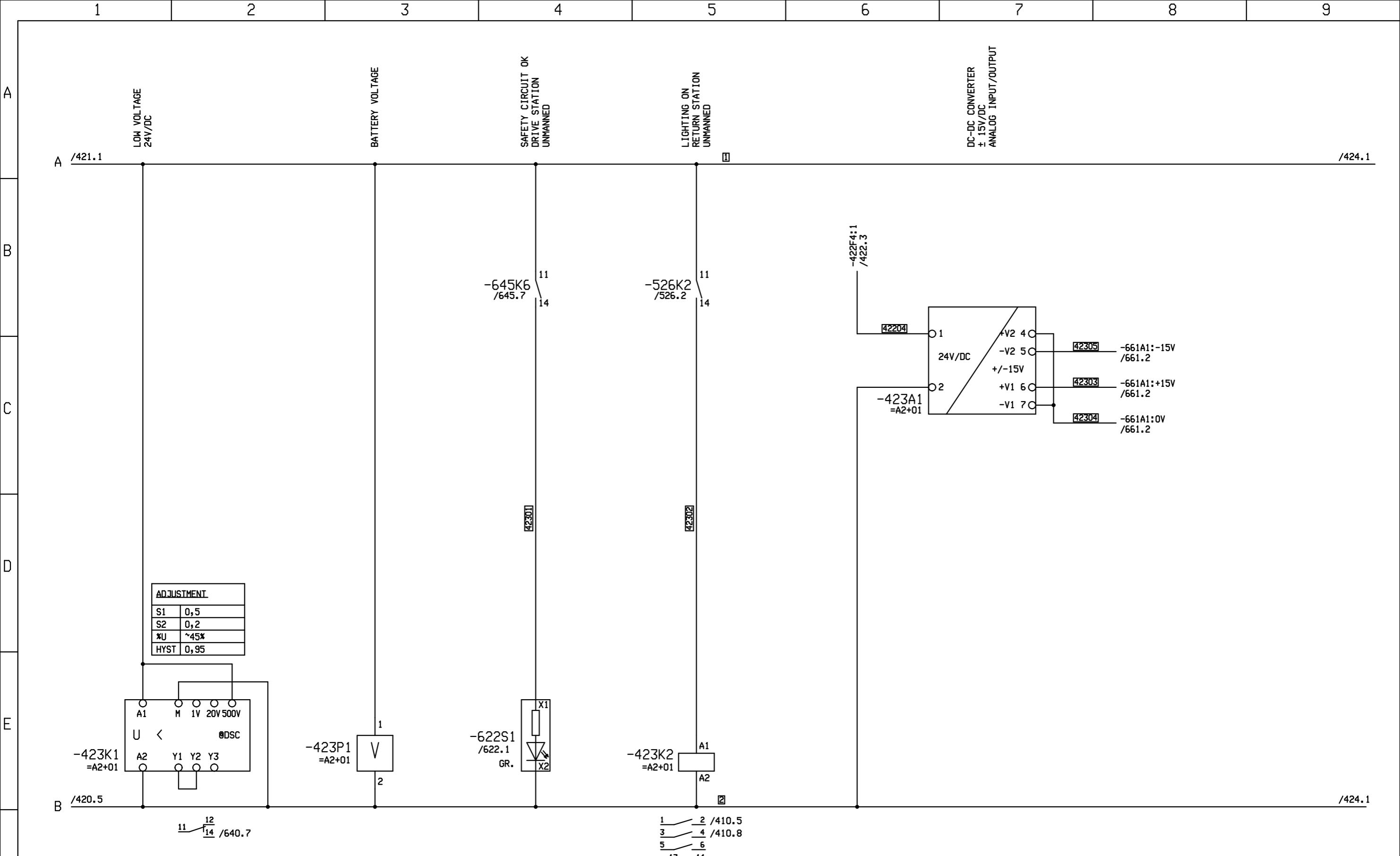
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Date 14.08.20

Sheet : 422

Cont. sheet: 423

File: GEWAA2638



Revision	2.1	Drawn by	LOJ
Date	14.08.20	Dr.ch.by	FHS
<b>File:</b> GEWAA2638			

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM

**D** Doppelmayr  
Innova Patent GmbH  
A-6960 WOLFURT / AUSTRIA

® LOW VOLTAGE 24V/DC

RETURN STATION

LV-CONTROL

=A2+01

Date 25.09.12

Sheet : 423

Cont.sheet: 424

A

A /423.9

/461.1

FUSE FAULT

①

-421F2  
/421.2  
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/421.3  
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14

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/421.4  
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A2

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/429.1

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②

B

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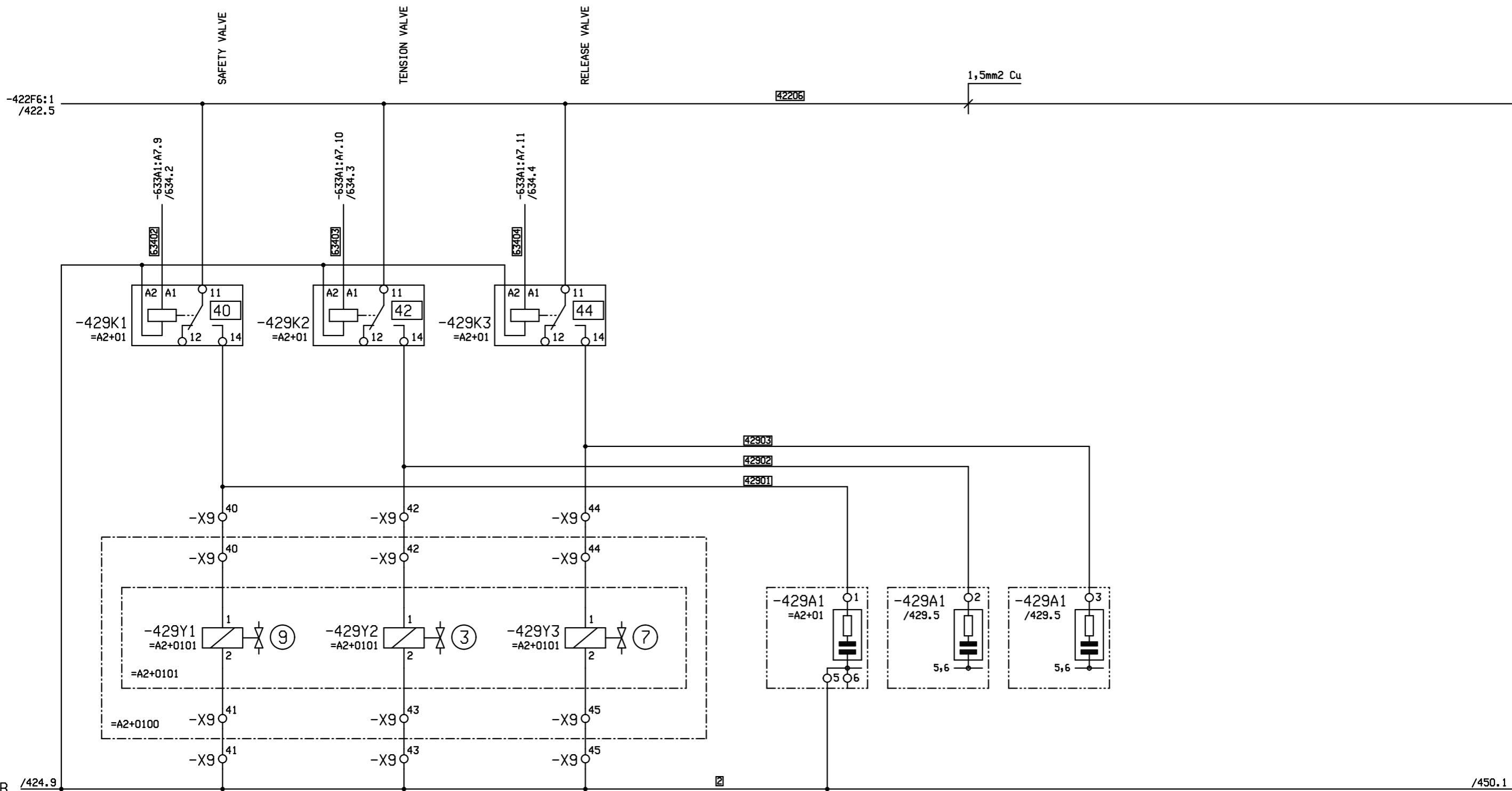
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Revision	2.1	Drawn by	L0J	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 <b>Doppelmayr</b> <small>Innova Patent GmbH A-6960 WOLFURT / AUSTRIA</small>	=A2+01	
Date	14.08.20	Dr.ch.by	FHS			Date 16.03.11	
File:	GEWAA2638					Sheet : 424 Cont.sheet: 429	
		FUSE FAULT					
		RETURN STATION		LV-CONTROL			

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Revision	2.1	Drawn by	L0J	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 Doppelmayr <sup>®</sup> Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	=A2+01
Date	14.08.20	Dr.ch.bv	FHS			Date 16.03.11
File:	GEWAA2638					Sheet : 429 Cont.sheet: 450

A

RESET BUTTONS  
INTERNAL

A3 /421.3

-450S1  
=A2+01

DESKTOP CONTROL PANEL WITH SCREEN:  
RESET INTERNAL

-X8 O<sub>3</sub>  
-X8 O<sub>4</sub>

DESKTOP CONTROL PANEL OPERATOR ROOM 1  
OPTIONAL  
=A2+050

DESKTOP CONTROL PANEL WITH SCREEN:  
RESET INTERNAL

-X8 O<sub>3</sub>  
-X8 O<sub>4</sub>

DESKTOP CONTROL PANEL OPERATOR ROOM 2  
OPTIONAL  
=A2+055

RESET BUTTONS  
REMOTE

A3 /455.1

-450S2  
=A2+044

R.M.C. 4 (INCOMING)  
=A2+044

-450S3  
=A2+045

R.M.C. 5 (OUTGOING)  
=A2+045

DESKTOP CONTROL PANEL WITHOUT SCREEN:  
RESET REMOTE

-450S4  
=A2+050

DESKTOP CONTROL PANEL OPERATOR ROOM 1  
=A2+050

DESKTOP CONTROL PANEL WITHOUT SCREEN:  
RESET REMOTE

-450S5  
=A2+055

DESKTOP CONTROL PANEL OPERATOR ROOM 2  
OPTIONAL  
=A2+055

45001

=A2-617A1:3.8  
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B /429.9

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Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS

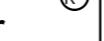
10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM



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RESET BUTTONS



RETURN STATION

LV-CONTROL

=A2+01

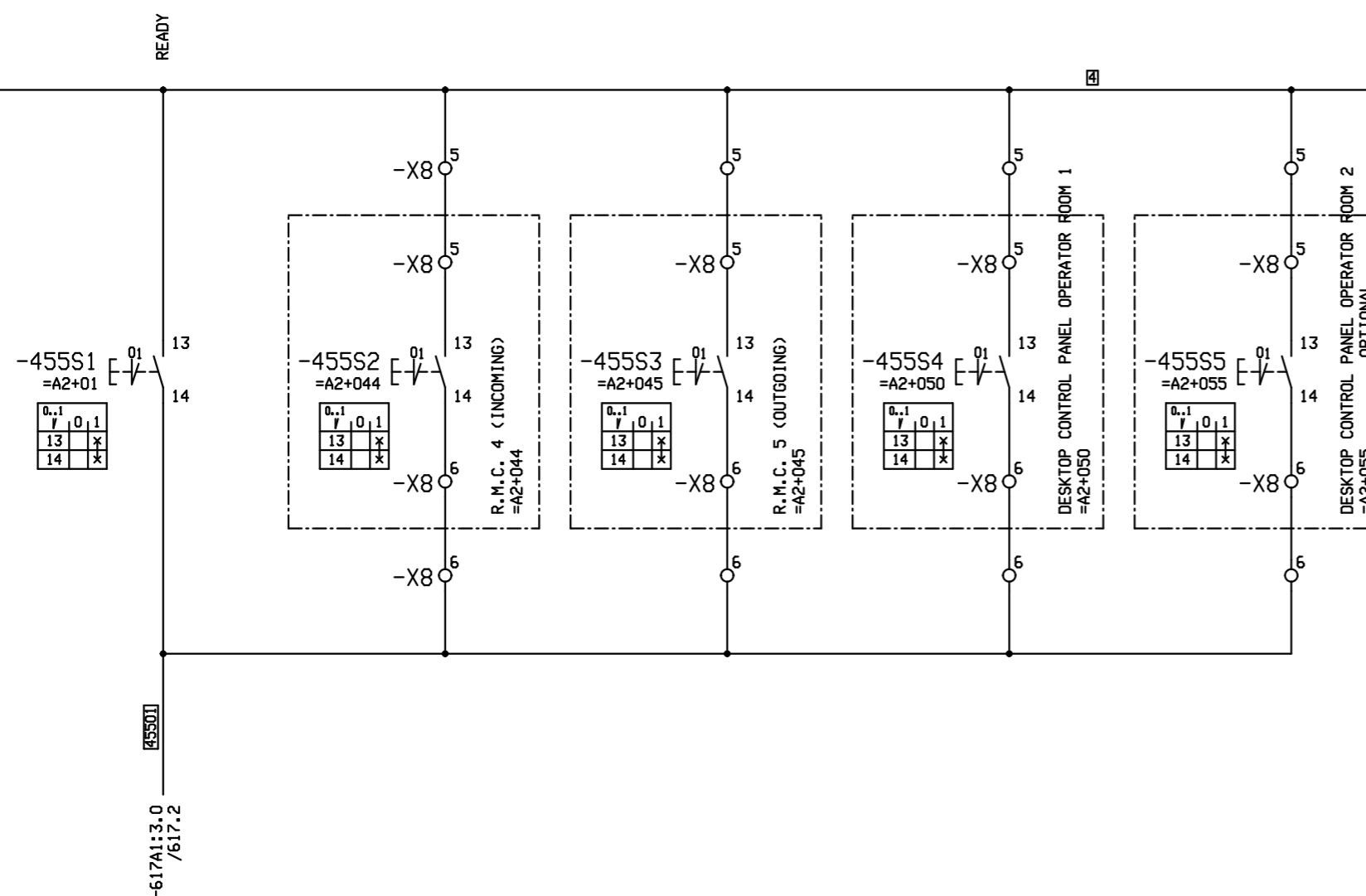
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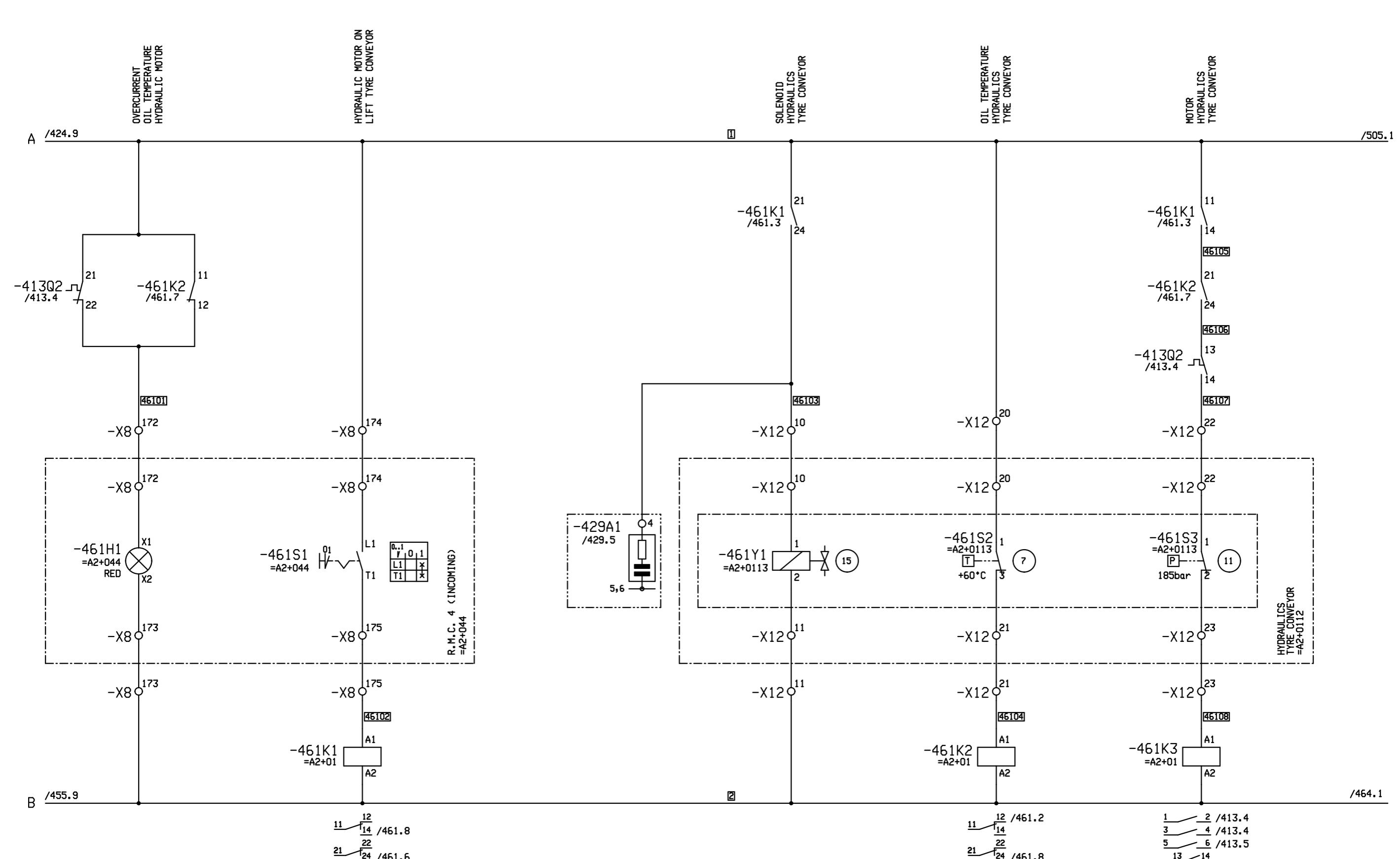
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Revision	2.1	Drawn by	LOJ	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 Doppelmayr <sup>®</sup> Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	READY	=A2+01
Date	14.08.20	Dr.ch.by	FHS				Date 05.07.11
File:	GEWAA2638						Sheet : 455 Cont.sheet: 461



Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS

10-MGD BANA BIG ROPEWAY

WAA0002638

BANA / VIETNAM

Innova Patent GmbH  
A-6960 WOLFURT / AUSTRIA

® TYRE CONVEYOR

RETURN STATION

LV-CONTROL

=A2+01

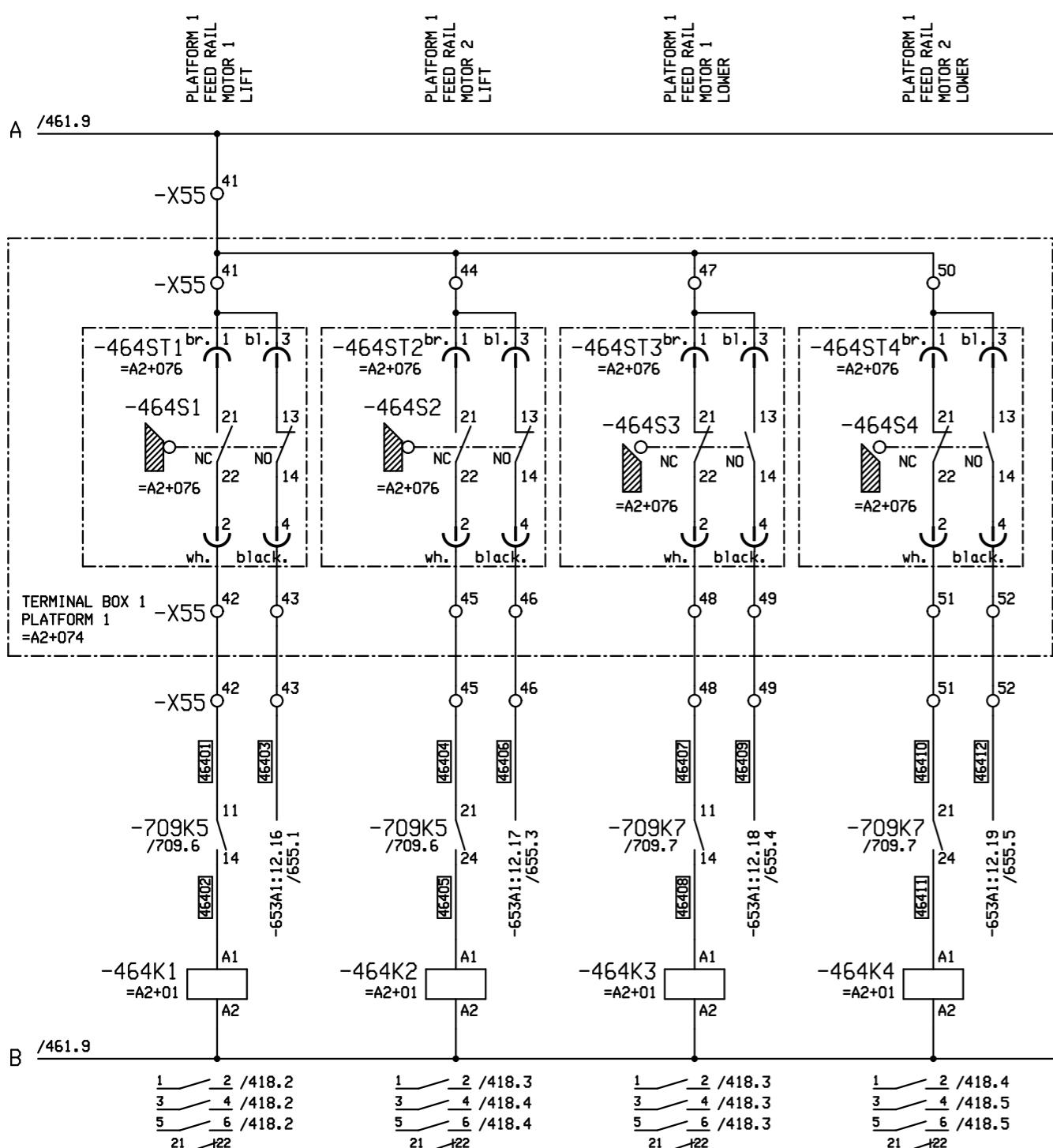
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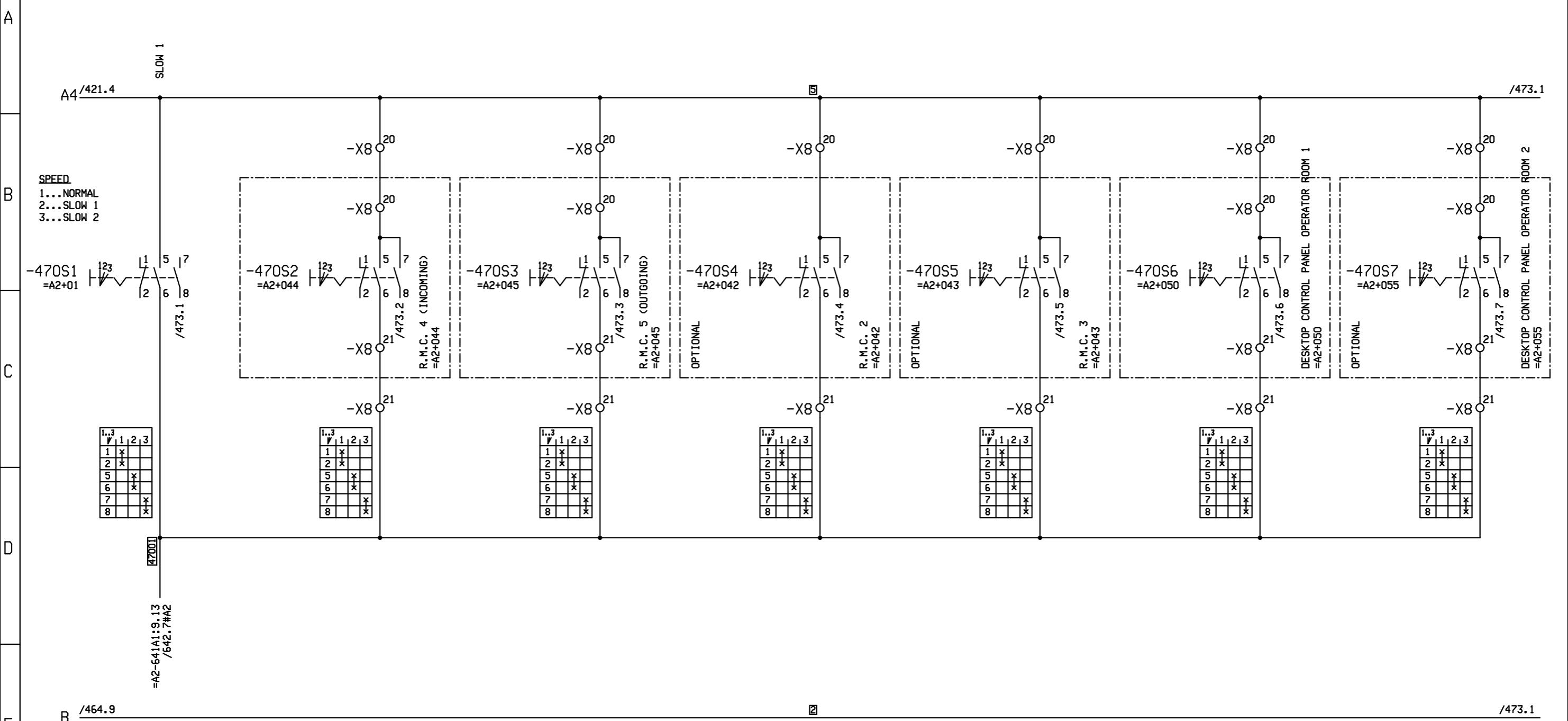
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PLATFORMS DRAWN IN POSITION UP

Revision	2.1	Drawn by	L0J	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 <b>Doppelmayr</b> <small>Innova Patent GmbH A-6960 WOLFURT / AUSTRIA</small>	<b>LIMIT SWITCH PLATFORM</b> <hr/> <b>RETURN STATION</b>	=A2+01
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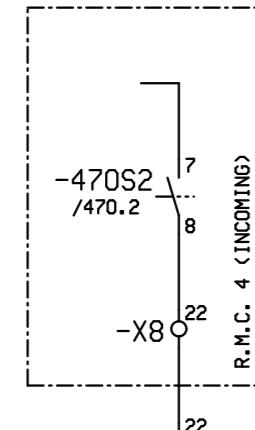


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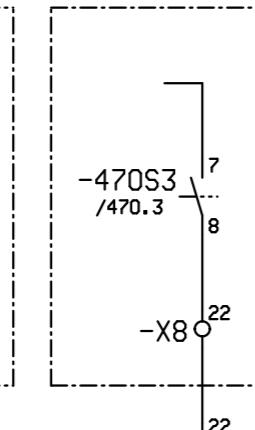
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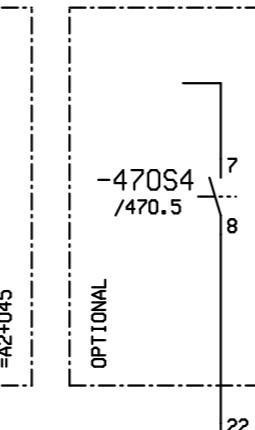
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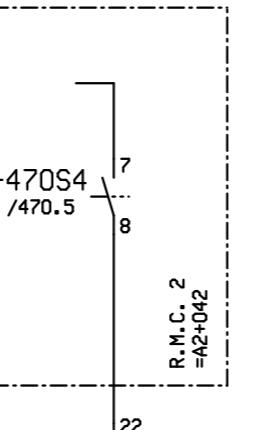
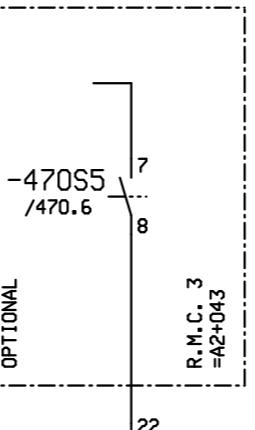
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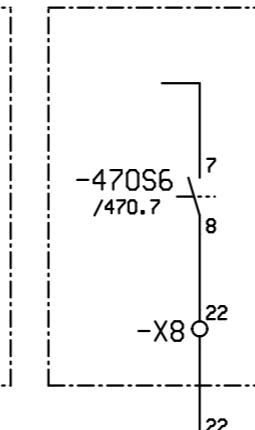
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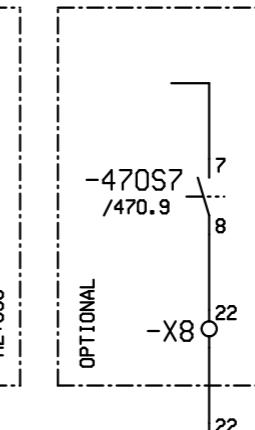
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R.M.C. 2  
=A2+042

OPTIONAL

R.M.C. 3  
=A2+043

DESKTOP CONTROL PANEL OPERATOR ROOM 1



OPTIONAL

DESKTOP CONTROL PANEL OPERATOR ROOM 2

47301

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B /470.9

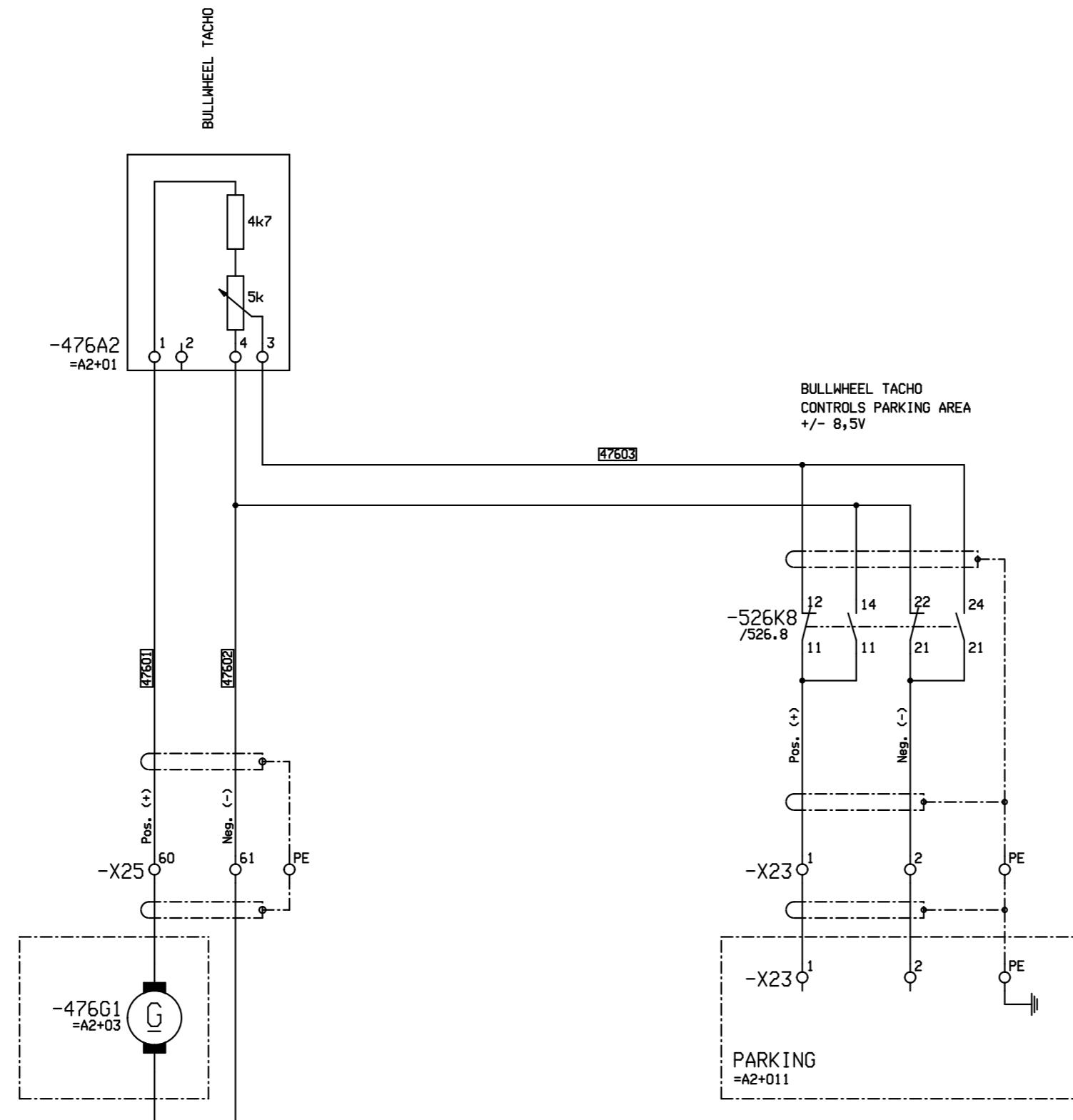
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Revision	2.1	Drawn by	L0J	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 Doppelmayr <sup>®</sup> Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	SLOW 2	=A2+01
Date	14.08.20	Dr.ch.by	FHS				Date 19.10.11
File:	GEWAA2638						Sheet : 473 Cont.sheet: 476

RETURN STATION

LV-CONTROL



Revision	2.1	Drawn by	LOJ	10 WA BA
Date	14.08.20	Dr.ch.by	FHS	
File: GEWAA2638				

10-MGD BANA BIG ROPEWA  
WAA0002638  
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® TACHO FOR SPEED CONTROLS PARKING AREA

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RETURN STATION

LV CONTROL

=A2+01

14.08.20

Street : 478

cont. sheet: 479

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A3 /455.9

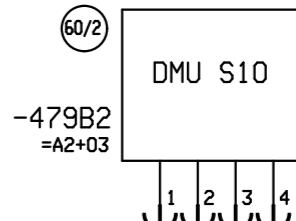
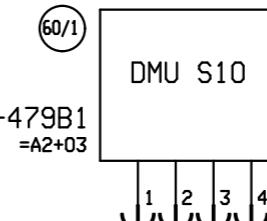
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PRESSURE TRANSDUCER 1  
HYDRAULIC TENSIONINGPRESSURE TRANSDUCER 2  
HYDRAULIC TENSIONING

/455.9

B

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+4%	248 kN
Nenn	238 kN = 5,95V
-4%	228 kN
-7%	221 kN
SENSOR	400kN = 10V

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C

D

E

B /473.9

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/480.1

(XX) POS. FROM HYDRAULIK DRAWINGS

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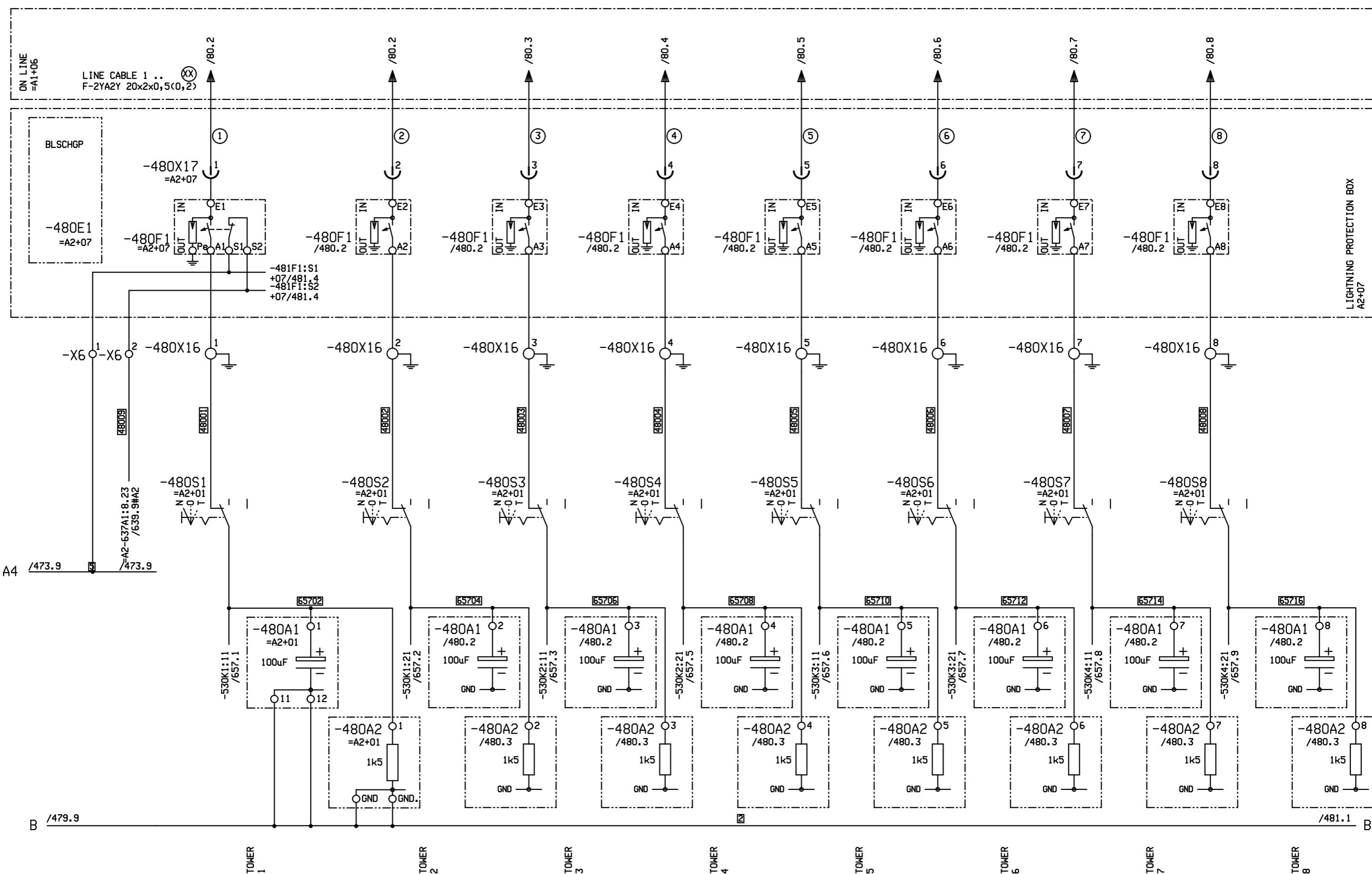
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Date	14.08.20	Dr.ch.by	FHS
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WAA0002638  
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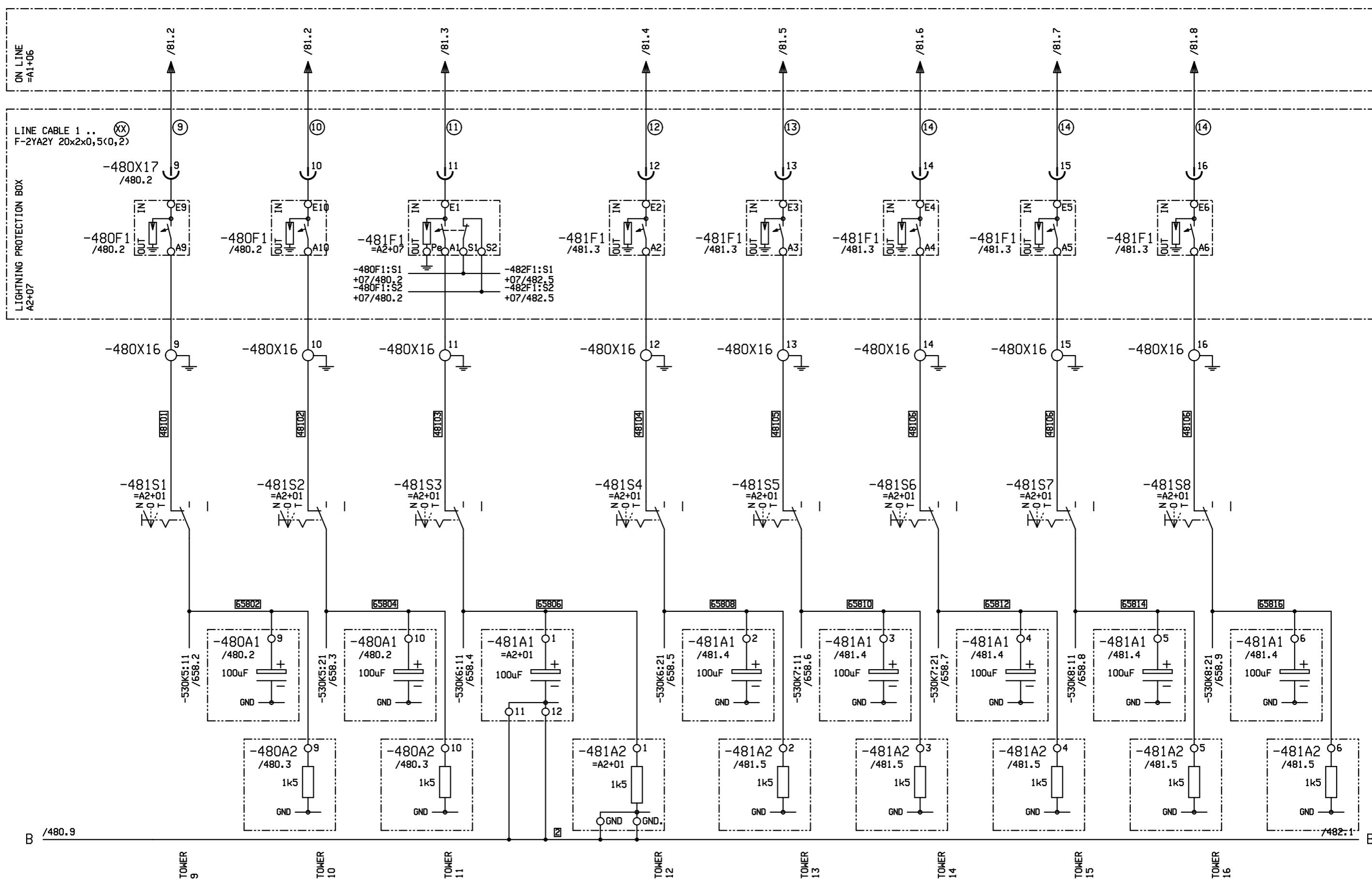
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Date 11.09.13  
Sheet : 479  
Cont.sheet: 480

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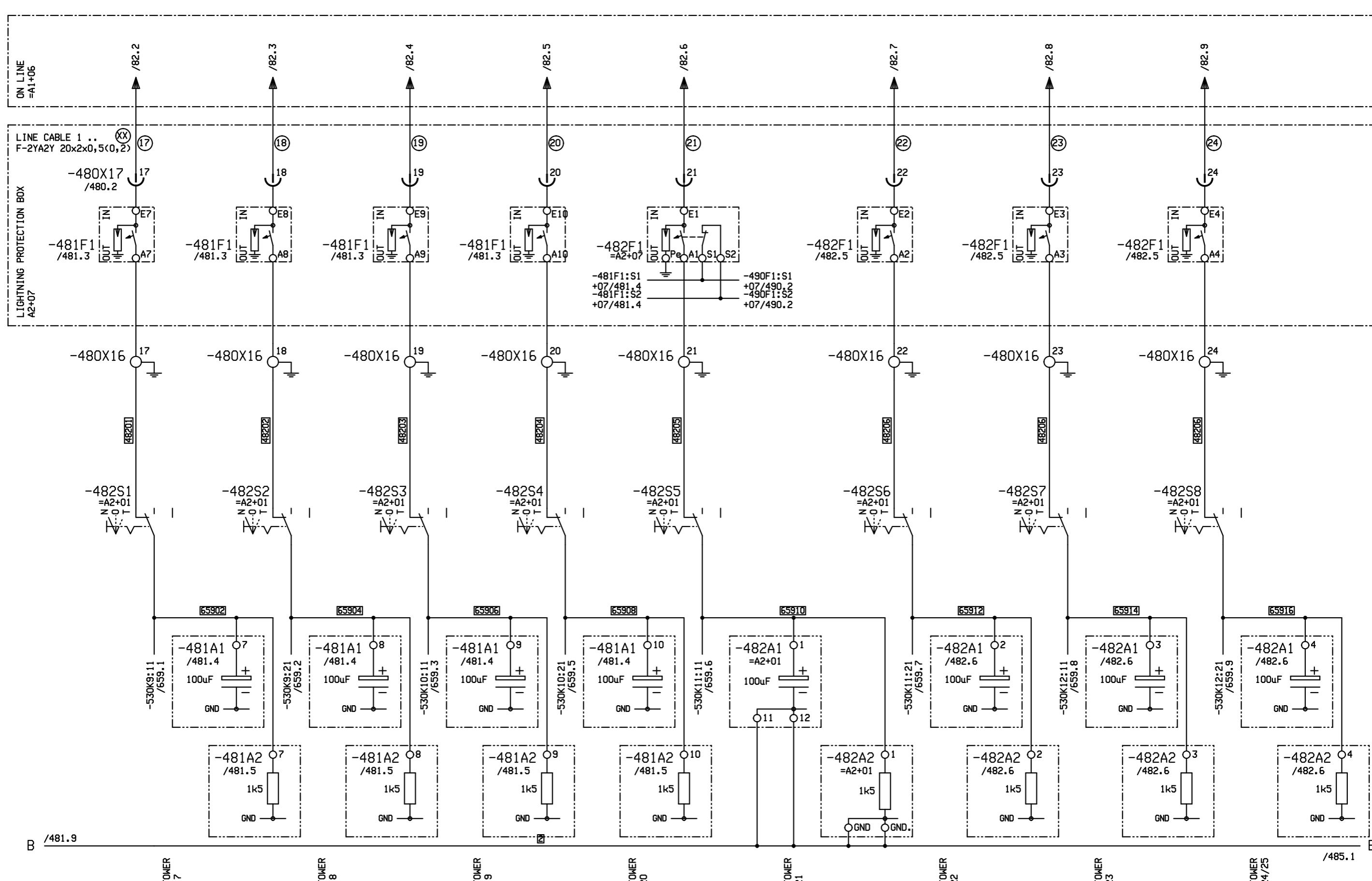


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Date	14.08.20	Dr.ch.by	FHS	Date 14.08.20
10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM				Sheet : 480
Innova Patent GmbH A-6960 WOLFURT / AUSTRIA				Cont.sheet: 481
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1 2 3 4 5 6 7 8 9



Revision	2.1	Drawn by	LOJ	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM				=A2+01					
Date	14.08.20	Dr.ch.by	FHS					Date 14.08.20					
File: GEWAA2638				ROPE POSITION MONITORING									
				RETURN STATION		LV-CONTROL			Sheet : 481				



Revision 2.1 Drawn by LOJ 10-M

MGD BANA BIG ROPEWAY

1002630

0002838 VIETNAM



Innova Patent GmbH  
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P DOPPLER POSITION MONITORING

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RETURN STATE

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LV CONTROL

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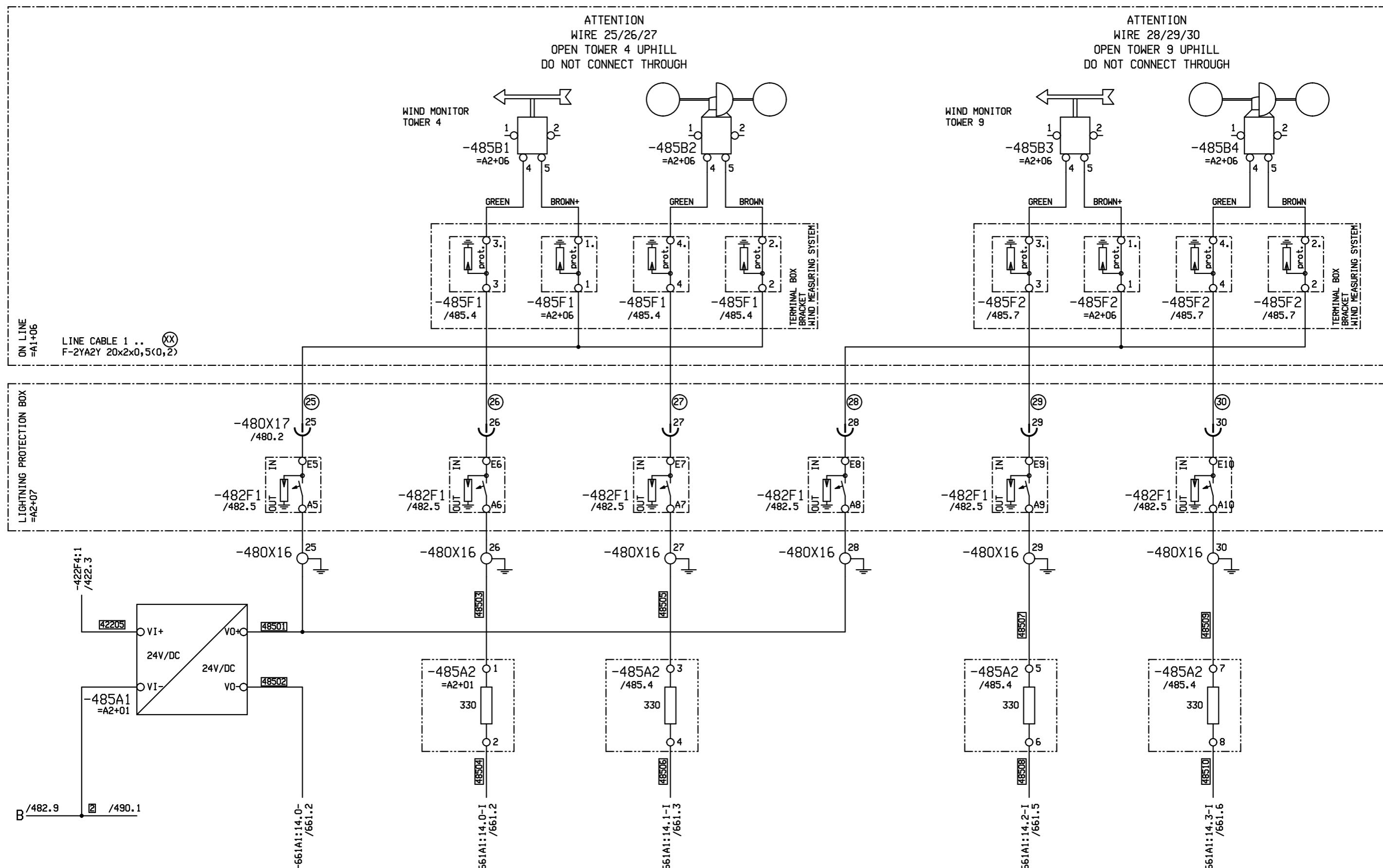
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Sheet : 482

cont. sheet:

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OPEN TOWER 4 UPHILL  
DO NOT CONNECT THROUGH

ATTENTION  
WIRE 28/29/30  
OPEN TOWER 9 UPHILL  
DO NOT CONNECT THROUGH



Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
File: GEWAA2638			

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM

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Innova Patent GmbH  
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WIND WARNING

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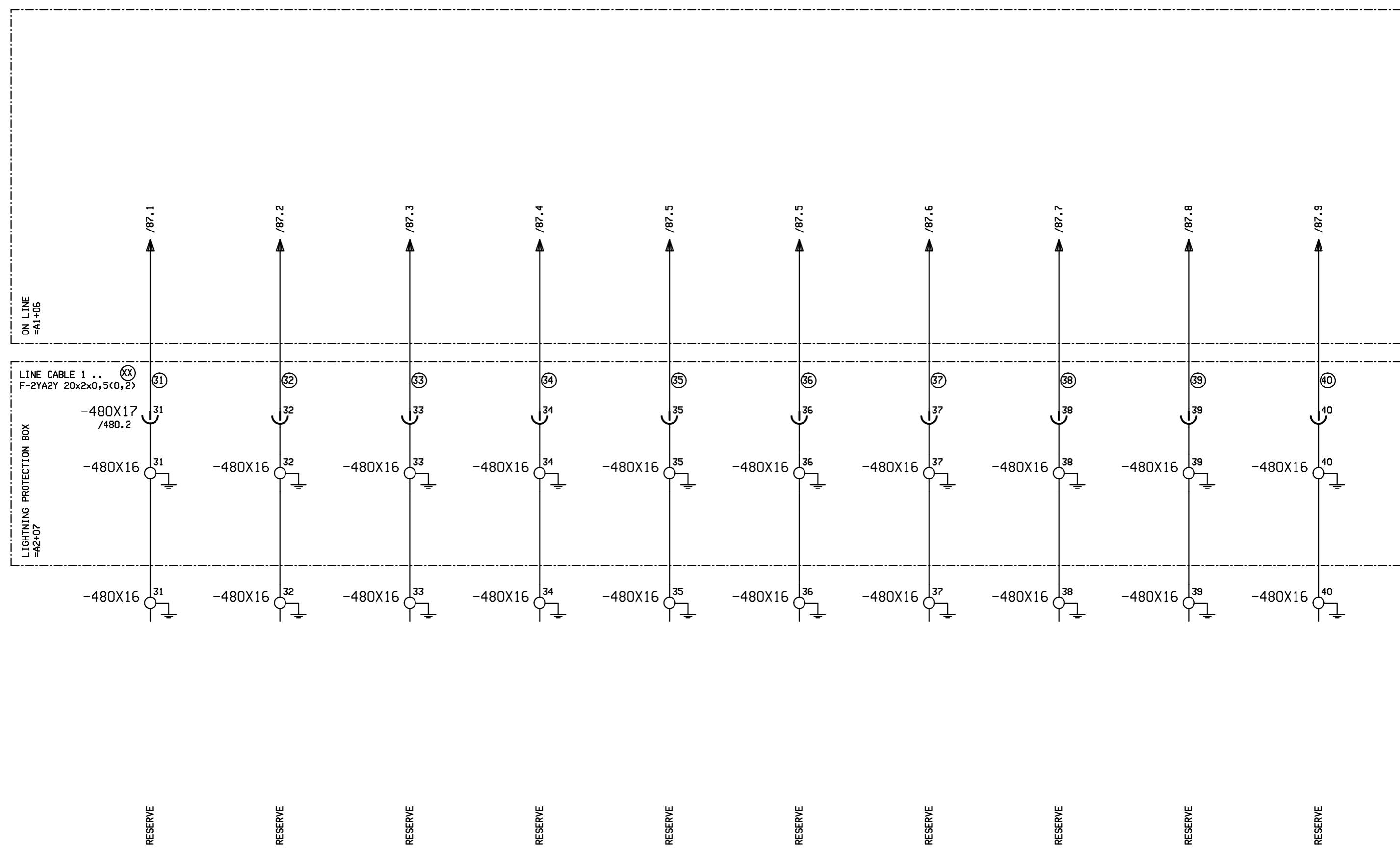
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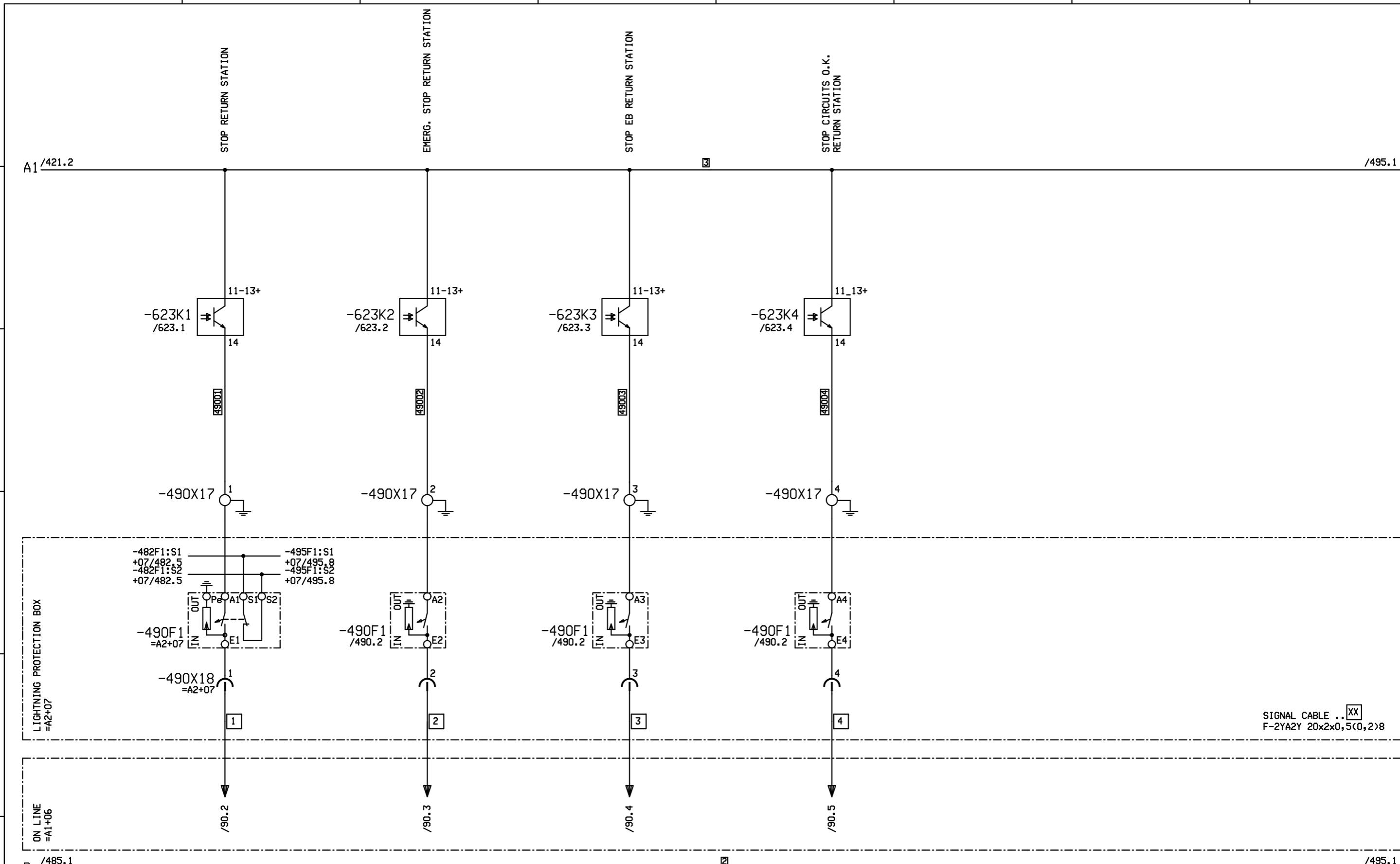
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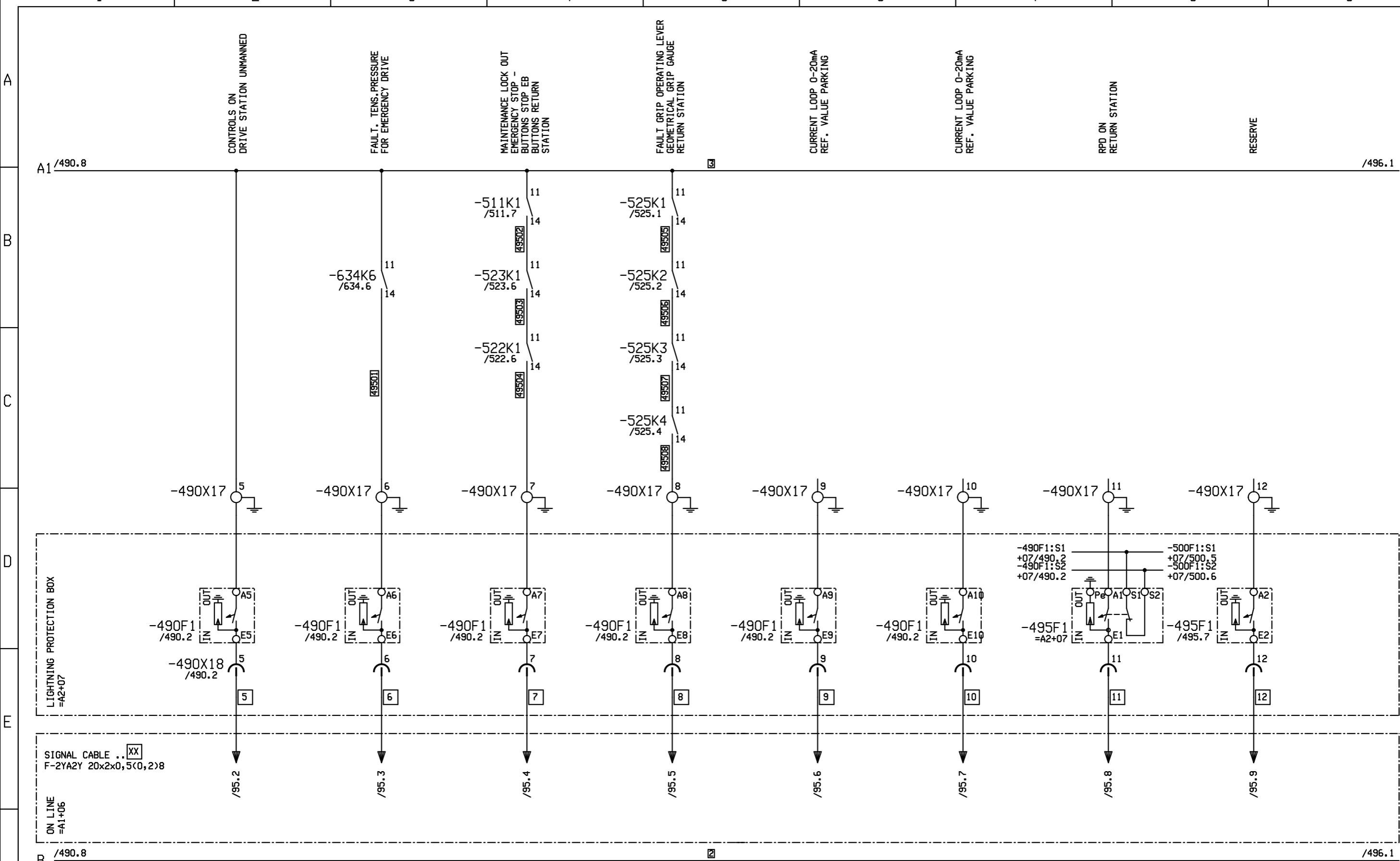
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Revision	2.1	Drawn by	LOJ	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 <b>Doppelmayr</b> <small>Innova Patent GmbH A-6960 WOLFURT / AUSTRIA</small>	<b>CONNECTIONS DRIVE STATION</b>		=A2+01
Date	14.08.20	Dr.ch.by	FHS					Date 15.11.11
File:	GEWAA2638					RETURN STATION	LV-CONTROL	Sheet : 487 Cont.sheet: 490





Revision	2.1	Drawn by	LOJ
Date	14.08.20	Dr.ch.by	FHS
File: GEWAA2638			

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM

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CONNECTIONS DRIVE STATION

RETURN STATION

LV-CONTROL

=A2+01

Date 15.11.11

Sheet : 495

Cont.sheet: 496

A

RESERVE

RESERVE

RESERVE

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/500.1

-496K1  
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14 /508.121 22  
24 /508.3

Revision 2.1 Drawn by LOJ

Date 14.08.20 Dr.ch.by FHS

10-MGD BANA BIG ROPEWAY

WAA0002638

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CONNECTIONS DRIVE STATION

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Date 15.11.11

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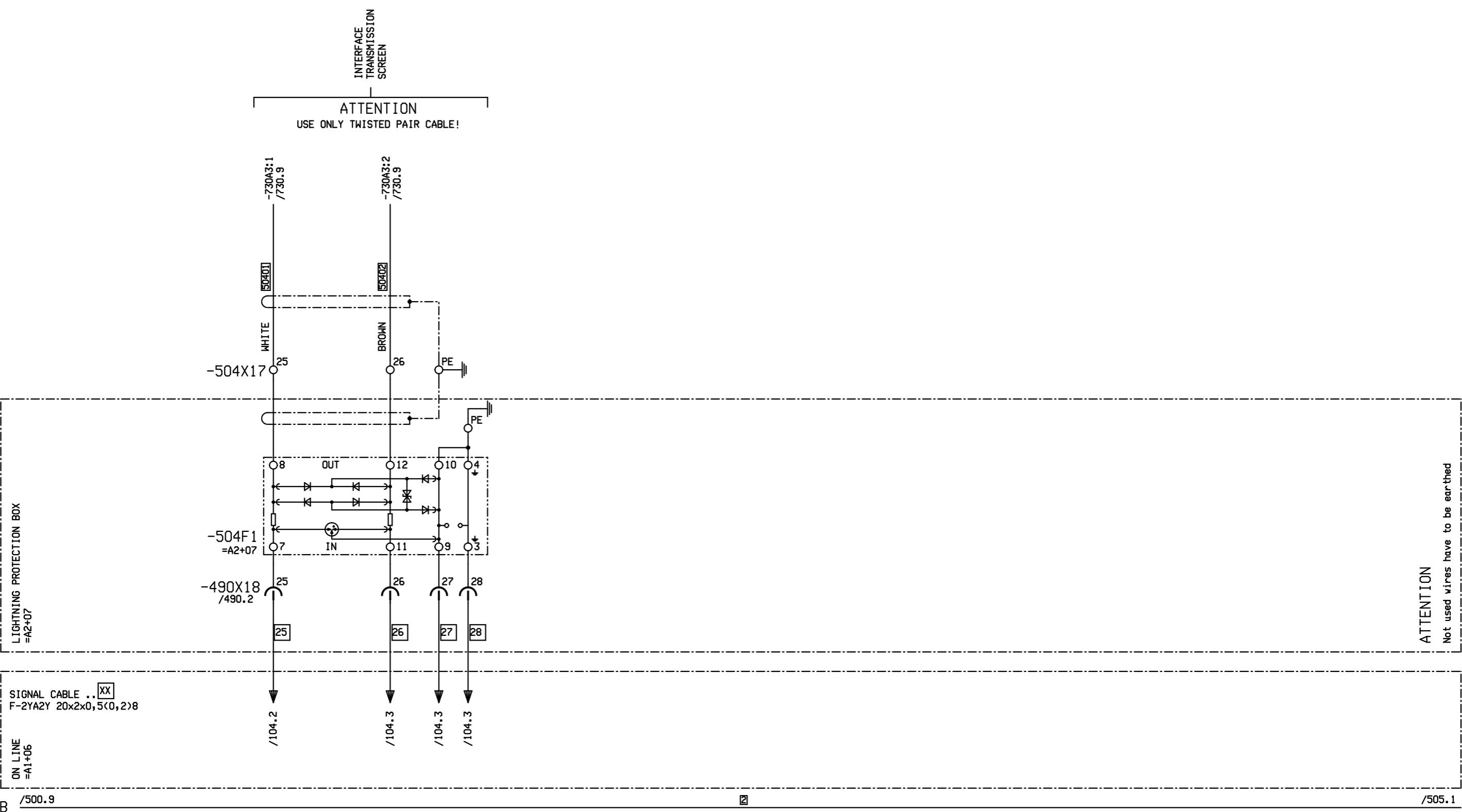
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Date	14.08.20	Dr.ch.by	FHS
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10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM



CONNECTIONS DRIVE STATION

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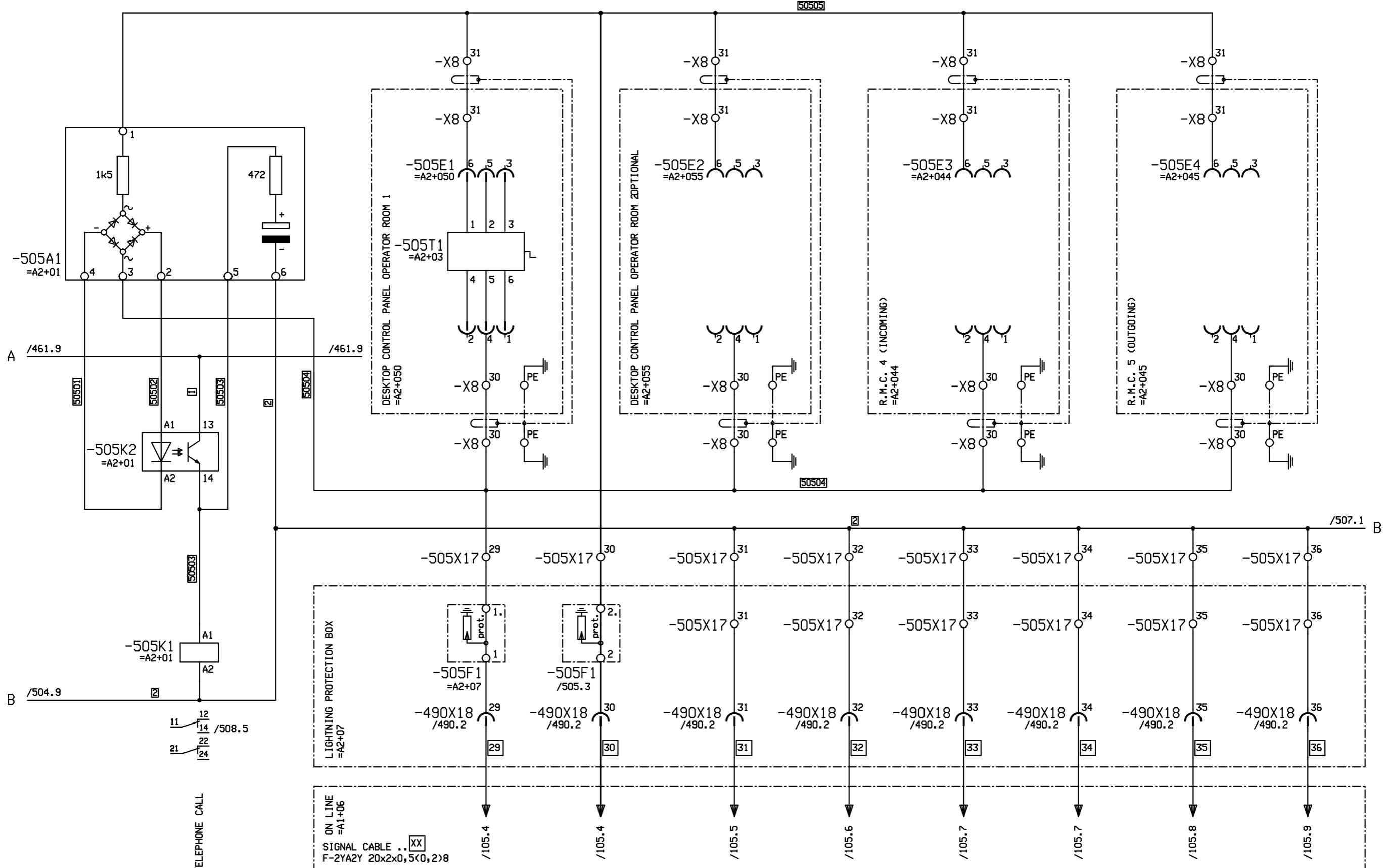
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Date 15.11.11

Sheet : 504

Cont.sheet: 505



Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
<b>File: GEWAA2638</b>			

10-MGD BANA BIG ROPEWAY  
WAA0002638  
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® TELEPHONE

RETURN STATION

LV-CONTROL

=A2+01

Date 27.10.11

Sheet : 505

Cont.sheet: 507

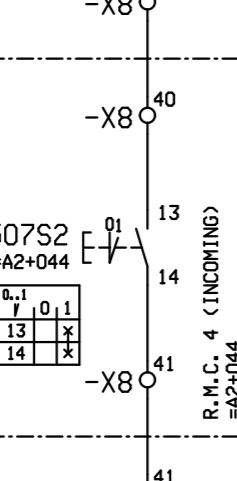
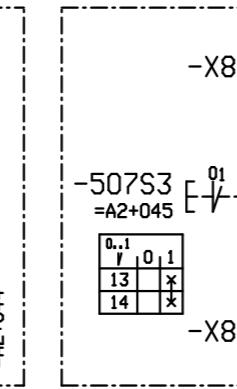
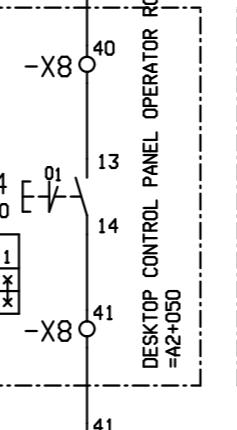
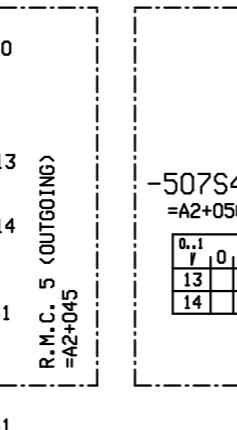
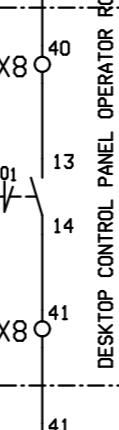
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SIGNAL BUTTONS

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=A2+044R.M.C. 5 (OUTGOING)  
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=A2+050DESKTOP CONTROL PANEL OPERATOR ROOM 2  
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B / 505.9

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/508.1

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Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS

File: GEWAA2638

10-MGD BANA BIG ROPEWAY  
WAA0002638  
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SIGNAL BUTTONS

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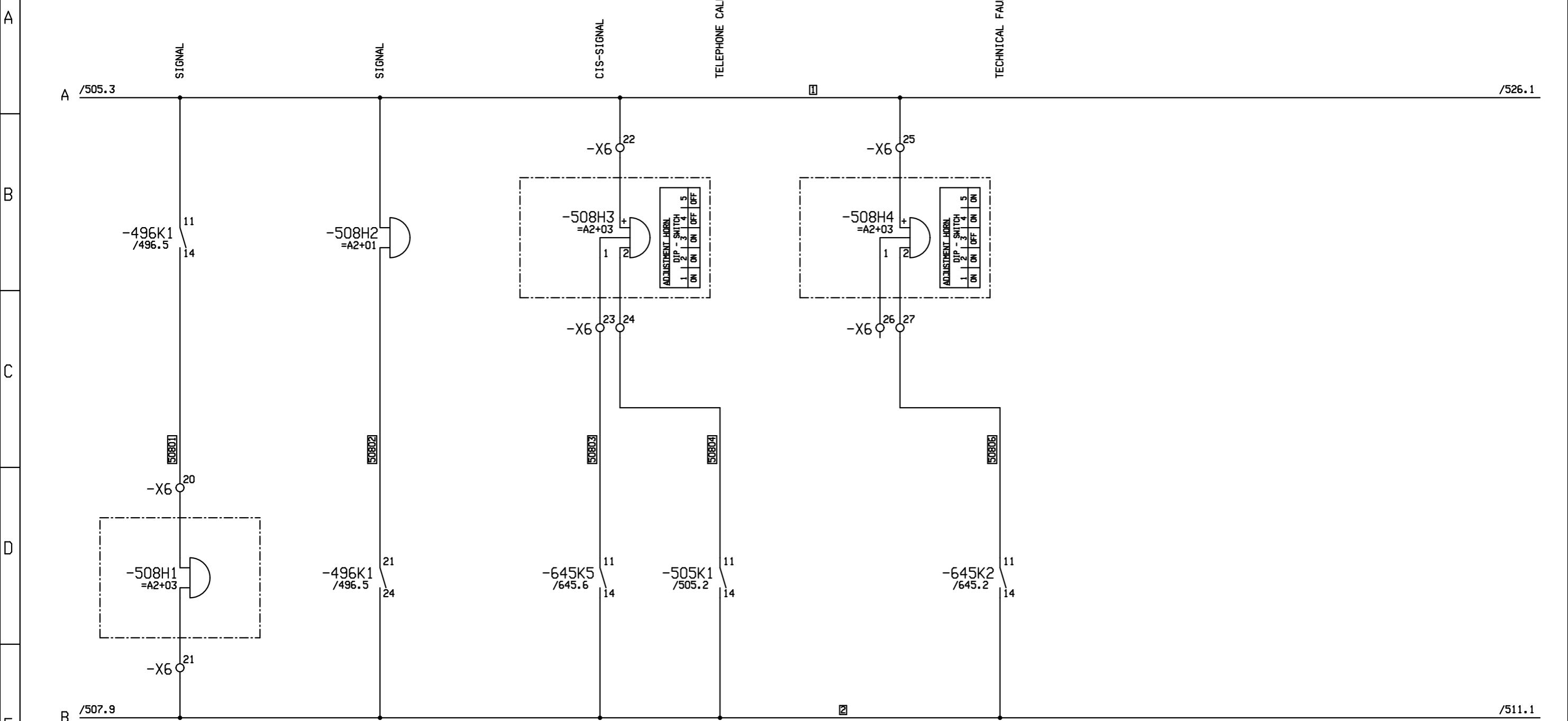
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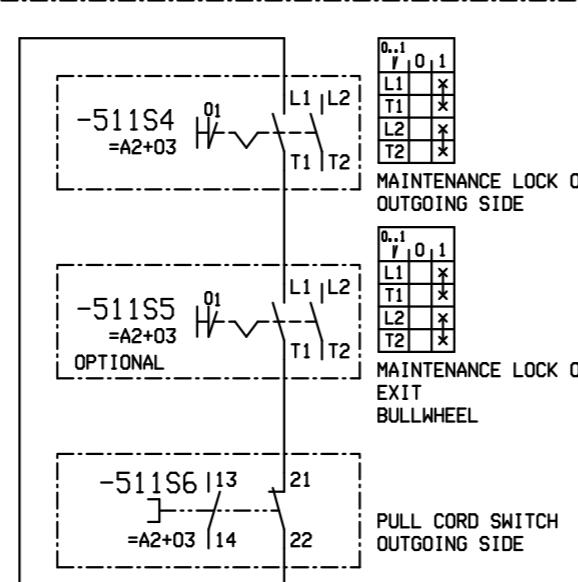
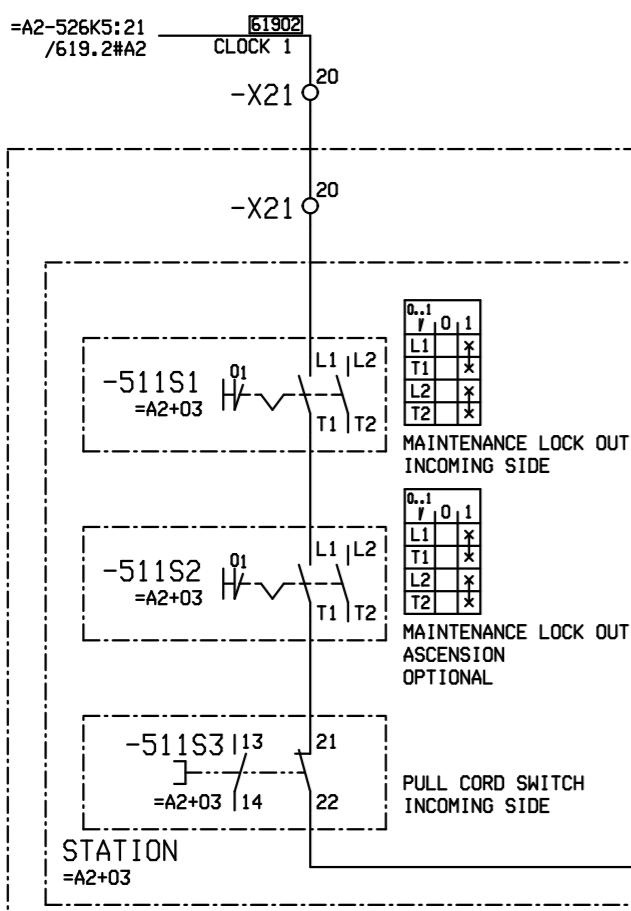
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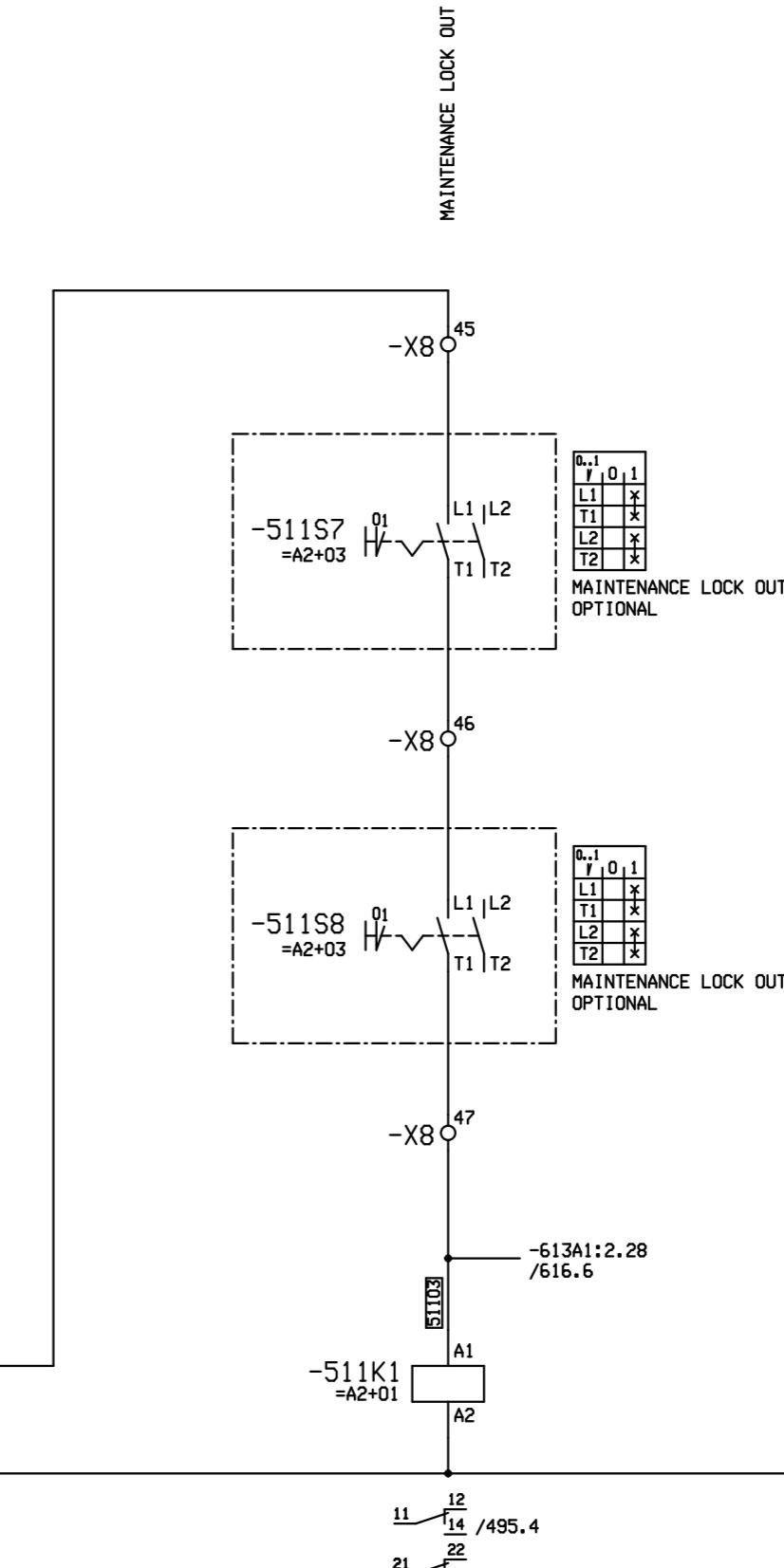
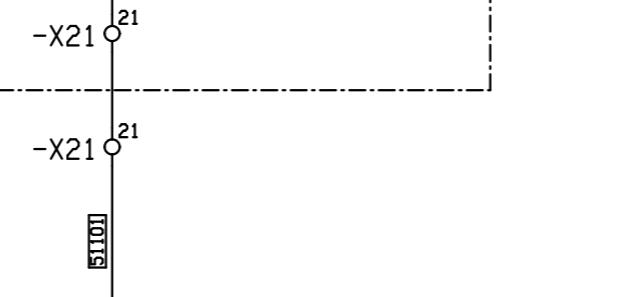
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Date	14.08.20	Dr.ch.by	FHS
File: GEWAA2638			

10-MGD BANA BIG ROPEWAY  
WAA0002638  
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TB 4  
=A2+034



B /508.9

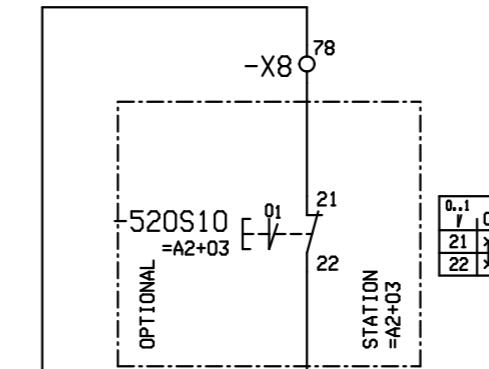
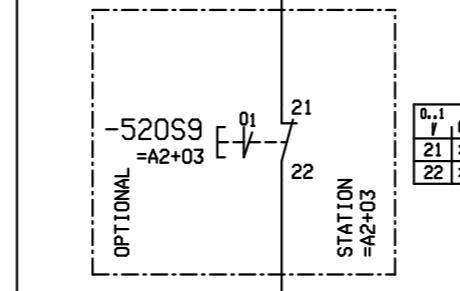
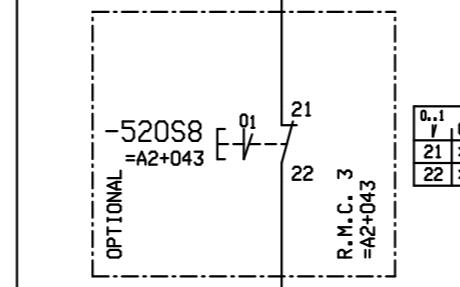
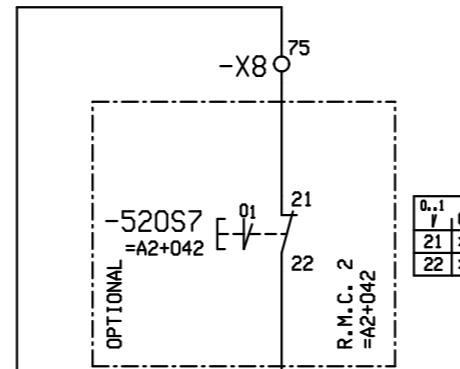
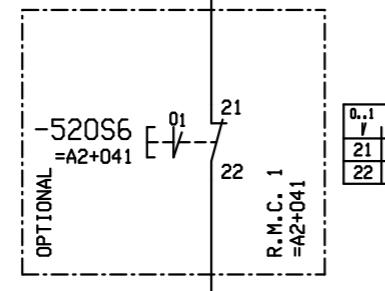
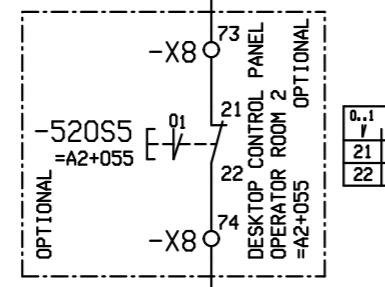
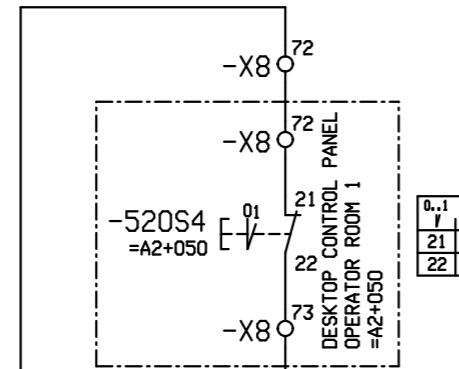
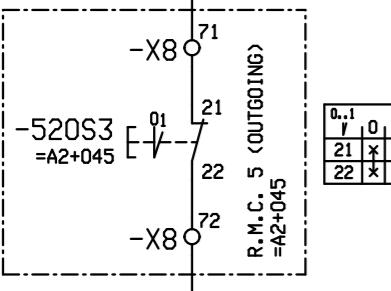
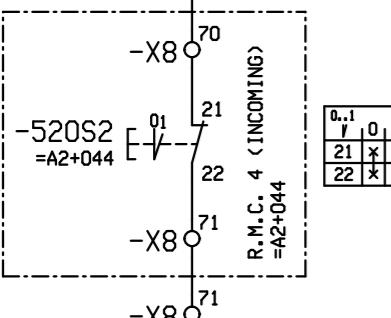
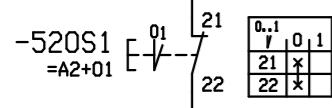
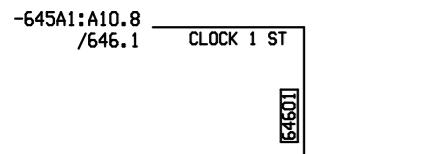
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/520.1

Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
File: GEWAA2638			

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM

A



STOP BUTTONS

B

/511.9

□

/522.1

Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
File: GEWAA2638			

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM



Innova Patent GmbH  
A-6960 WOLFURT / AUSTRIA

STOP BUTTONS

RETURN STATION

LV-CONTROL

=A2+01

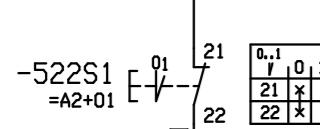
Date 19.10.11

Sheet : 520

Cont.sheet: 522

A

=A2-526K6:21 /619.4#A2      51904  
CLOCK 3



-X8  
80  
80

-X8  
81  
81

-X8  
82  
82

-X8  
83  
83

-X8  
84  
84

-X8  
85  
85

-X8  
86  
86

-X8  
87  
87

EMERG. STOP

-522K1  
=A2+01

A1

A2

11  
12  
14  
22  
24

495.4

21  
23  
25  
27

RETURN STATION

LV-CONTROL

B

/520.9

/523.1

Revision 2.1 Drawn by LOJ  
Date 14.08.20 Dr.ch.by FHS  
File: GEWAA2638

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM

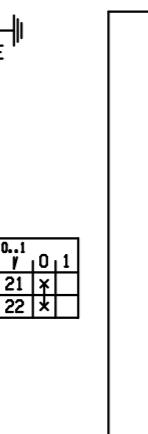
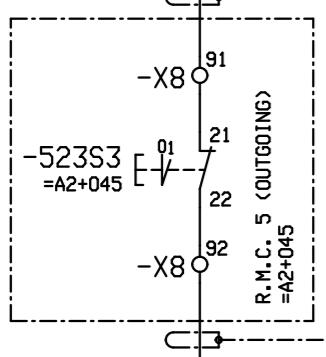
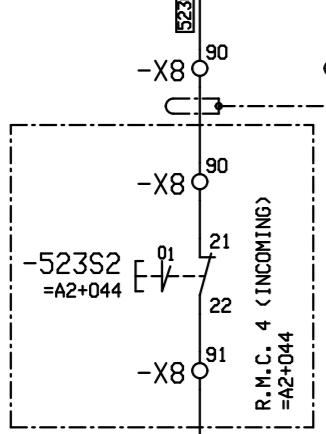
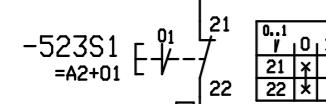
**D** Doppelmayr  
Innova Patent GmbH  
A-6960 WOLFURT / AUSTRIA

® EMERG. STOP BUTTONS  
OPTIONAL

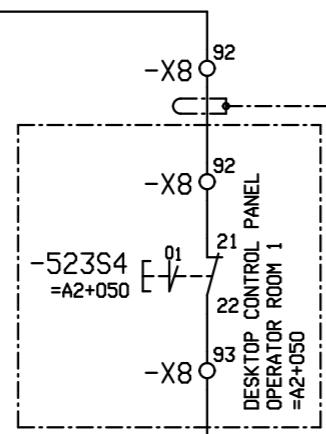
=A2+01  
Date 19.10.11  
Sheet : 522  
Cont.sheet: 523

A

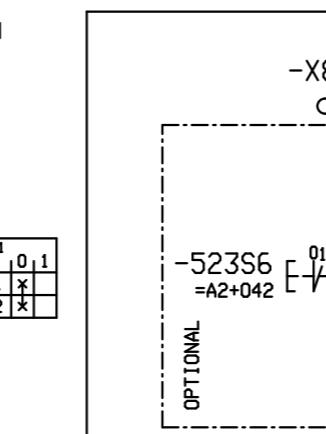
=A2-526K6:11 /619.4#A2      51903  
CLOCK 2



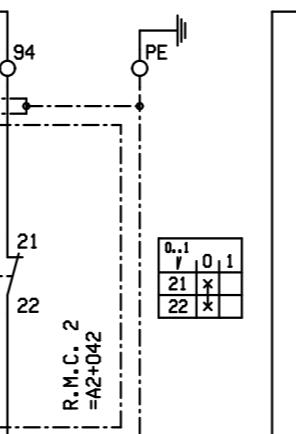
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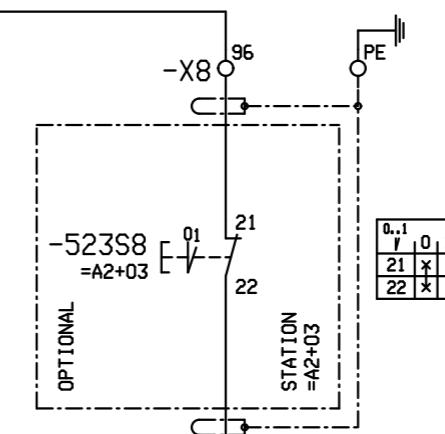
OPTIONAL



OPTIONAL



OPTIONAL

STATION  
=A2+03

STOP EB

-X8  
97  
52302  
-613A1:2.30  
/616.8

-523K1  
=A2+01  
A1  
A2

11 12  
14 22  
21 24  
/495.4

B /522.9

/525.1

Revision	2.1	Drawn by	L0J	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 <b>Doppelmayr</b> <small>Innova Patent GmbH A-6960 WOLFURT / AUSTRIA</small>	<b>STOP EB BUTTONS</b>  <b>RETURN STATION</b>	=A2+01
Date	14.08.20	Dr.ch.by	FHS				Date 19.10.11
File:	GEWAA2638						Sheet : 523 Cont.sheet: 525

A

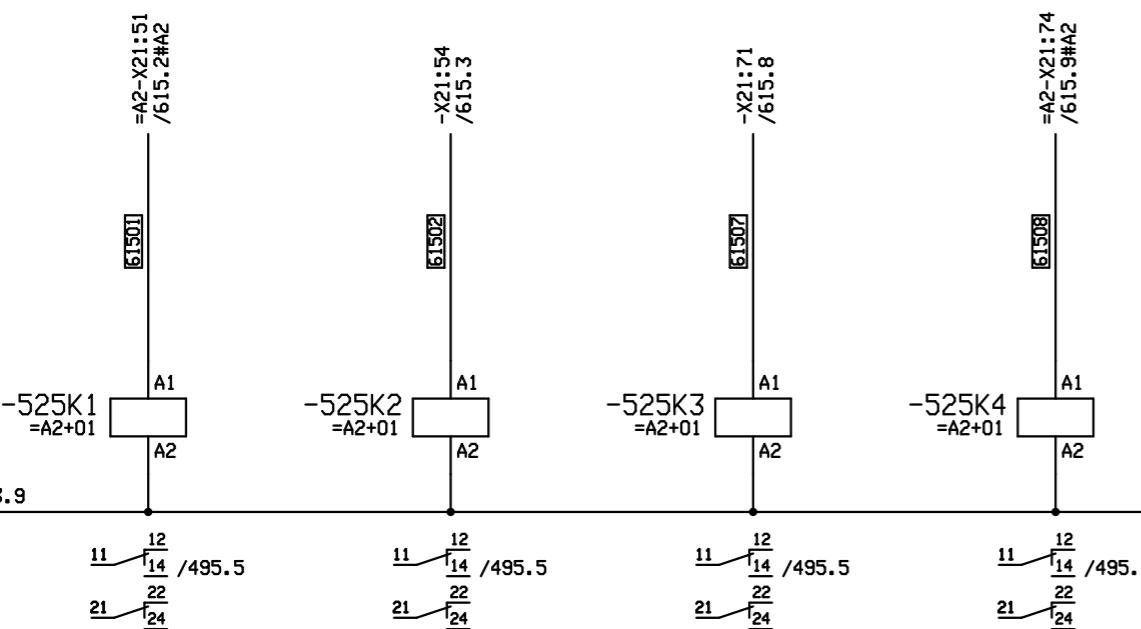
B

C

D

E

F

FAULT GRIP OPERATING LEVER  
REVERSEGEOMETRICAL GRIP GAUGE  
REVERSEGEOMETRICAL GRIP GAUGE  
REVERSEFAULT GRIP OPERATING LEVER  
FORWARD

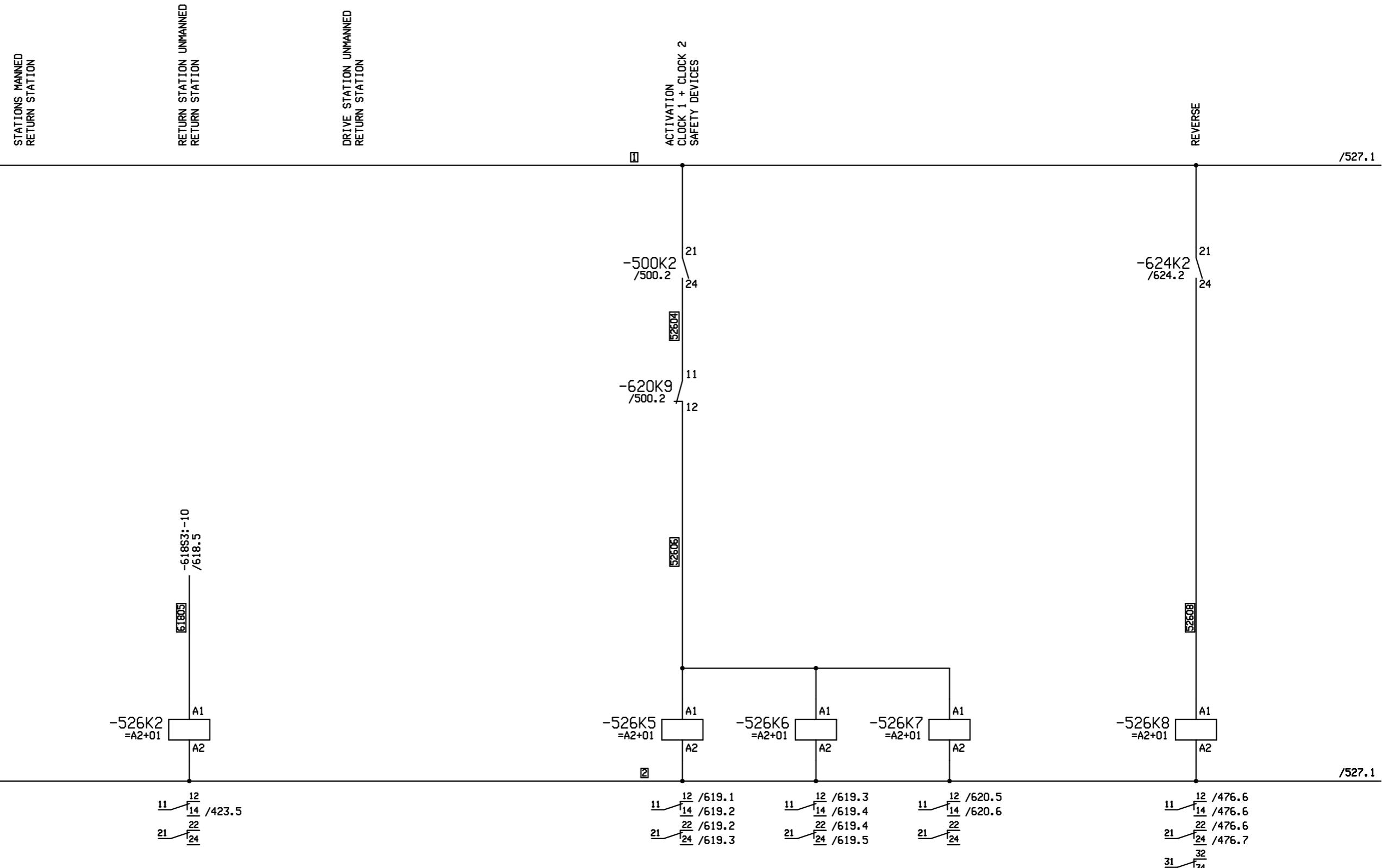
Revision	2.1	Drawn by	L0J	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 Doppelmayr <sup>®</sup> Innovia Patent GmbH A-6960 WOLFURT / AUSTRIA	=A2+01
Date	14.08.20	Dr.ch.by	FHS			Date 05.07.11
File:	GEWAA2638					Sheet : 525 Cont.sheet: 526

RELAY

RETURN STATION

LV-CONTROL

A



Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
File: GEWAA2638			

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM

**D** Doppelmayr  
Innova Patent GmbH  
A-6960 WOLFURT / AUSTRIA

RELAY

RETURN STATION

LV-CONTROL

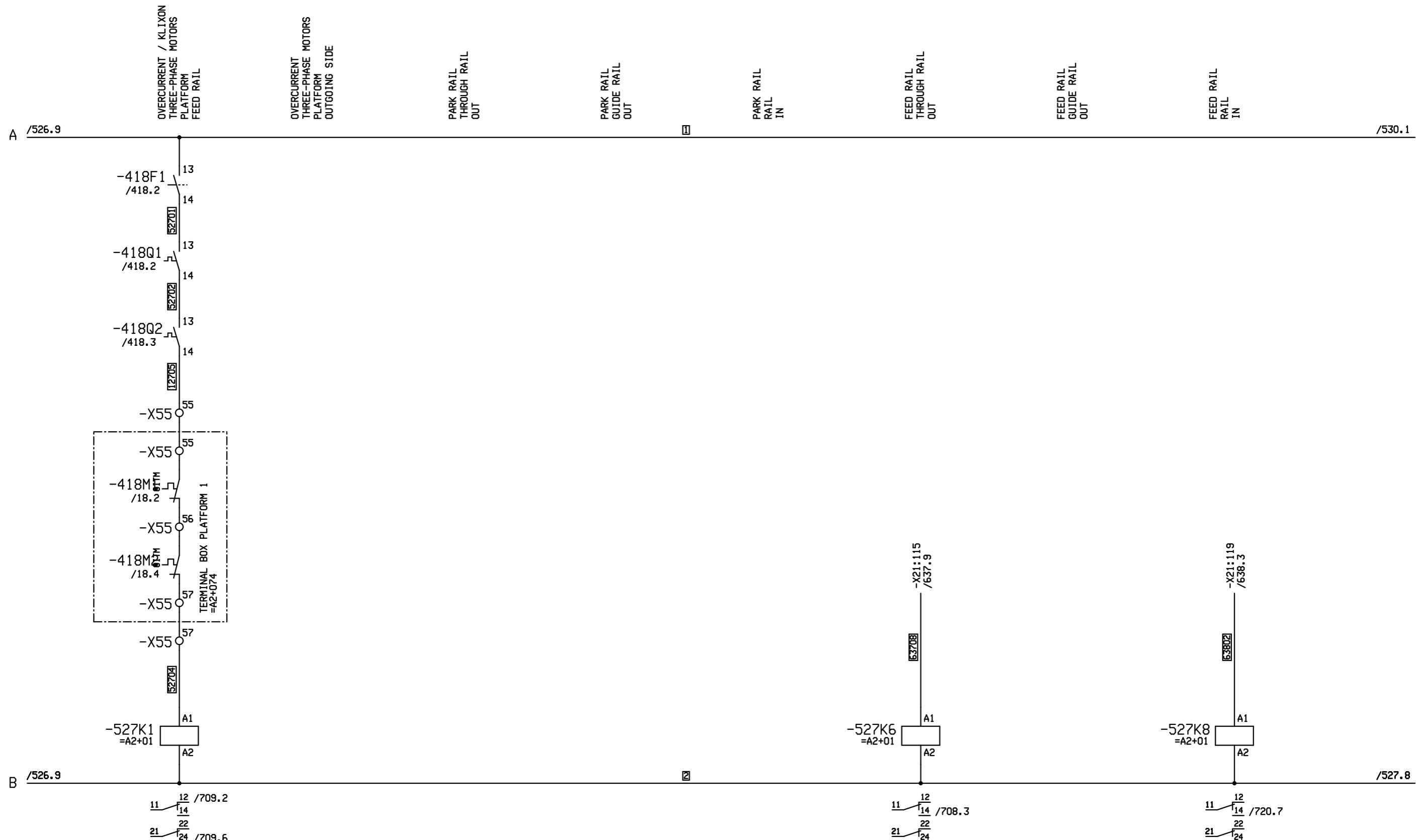
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Date 27.08.12

Sheet : 526

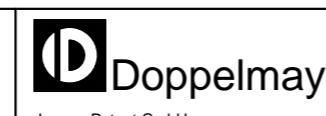
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Revision	2.1	Drawn by	L0J			=A2+01	
Date	14.08.20	Dr.ch.by	FHS			Date 05.07.11	
File: GEWAA2638		RETURN STATION					

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM



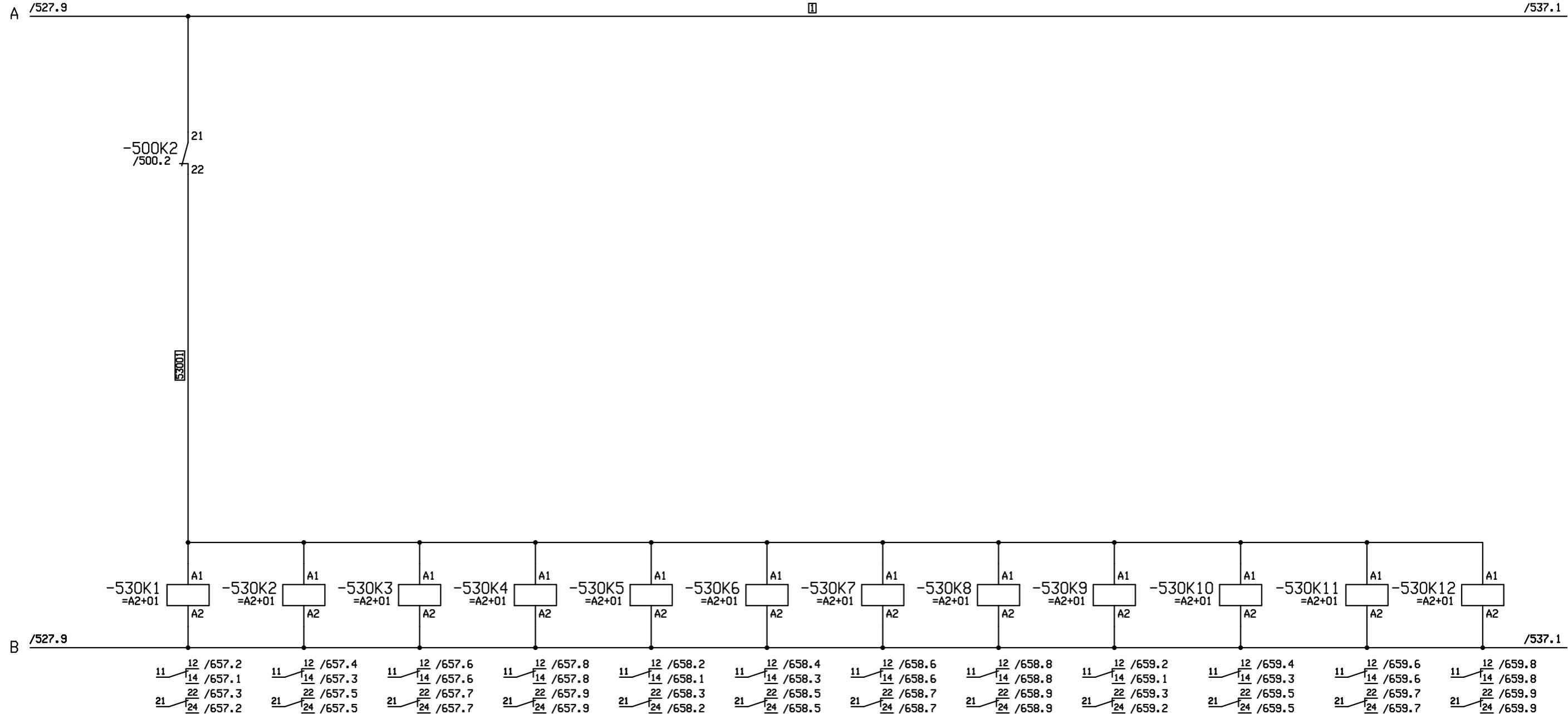
RELAY

RETURN STATION

LV-CONTROL

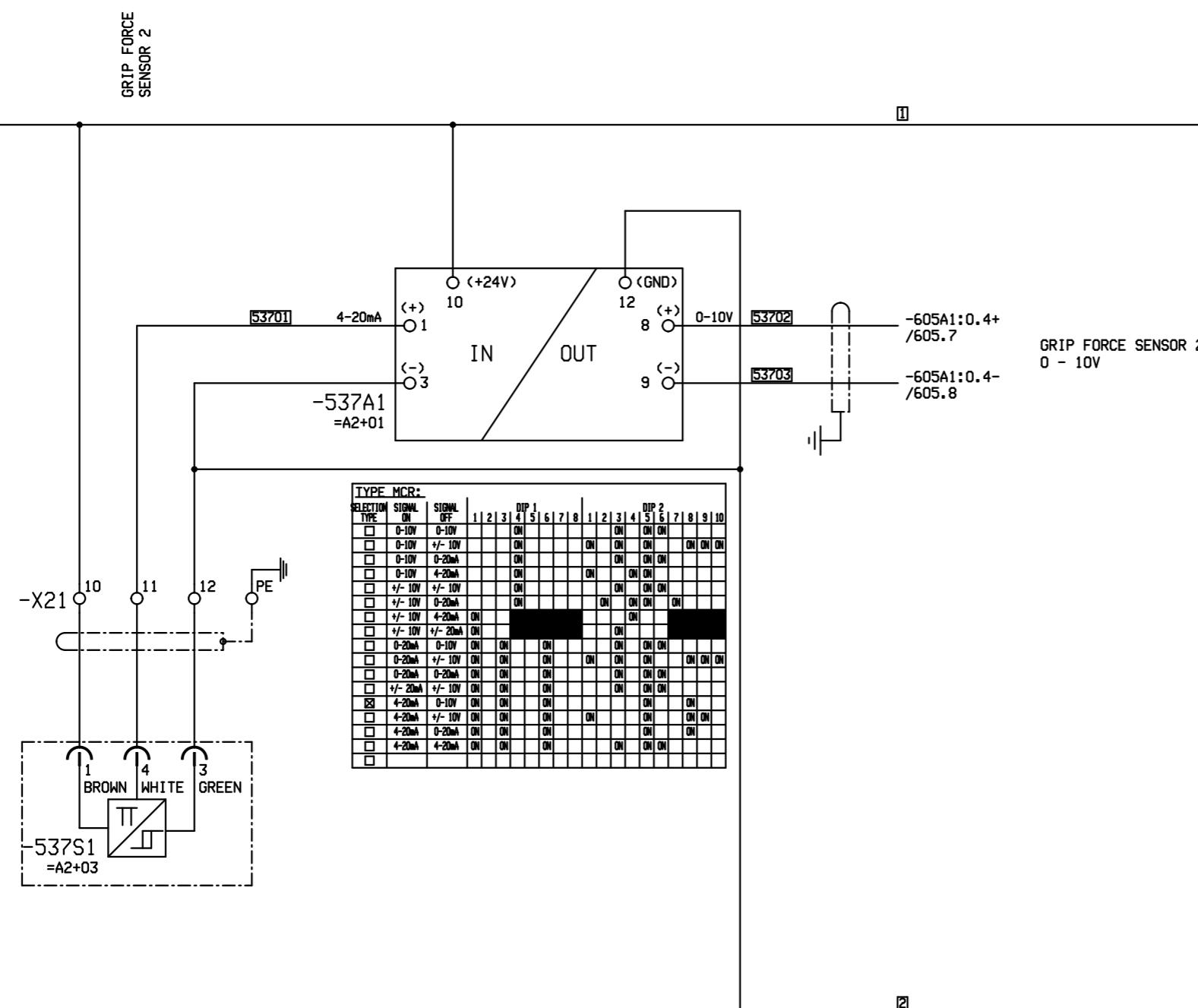
Sheet : 527  
Cont.sheet: 530

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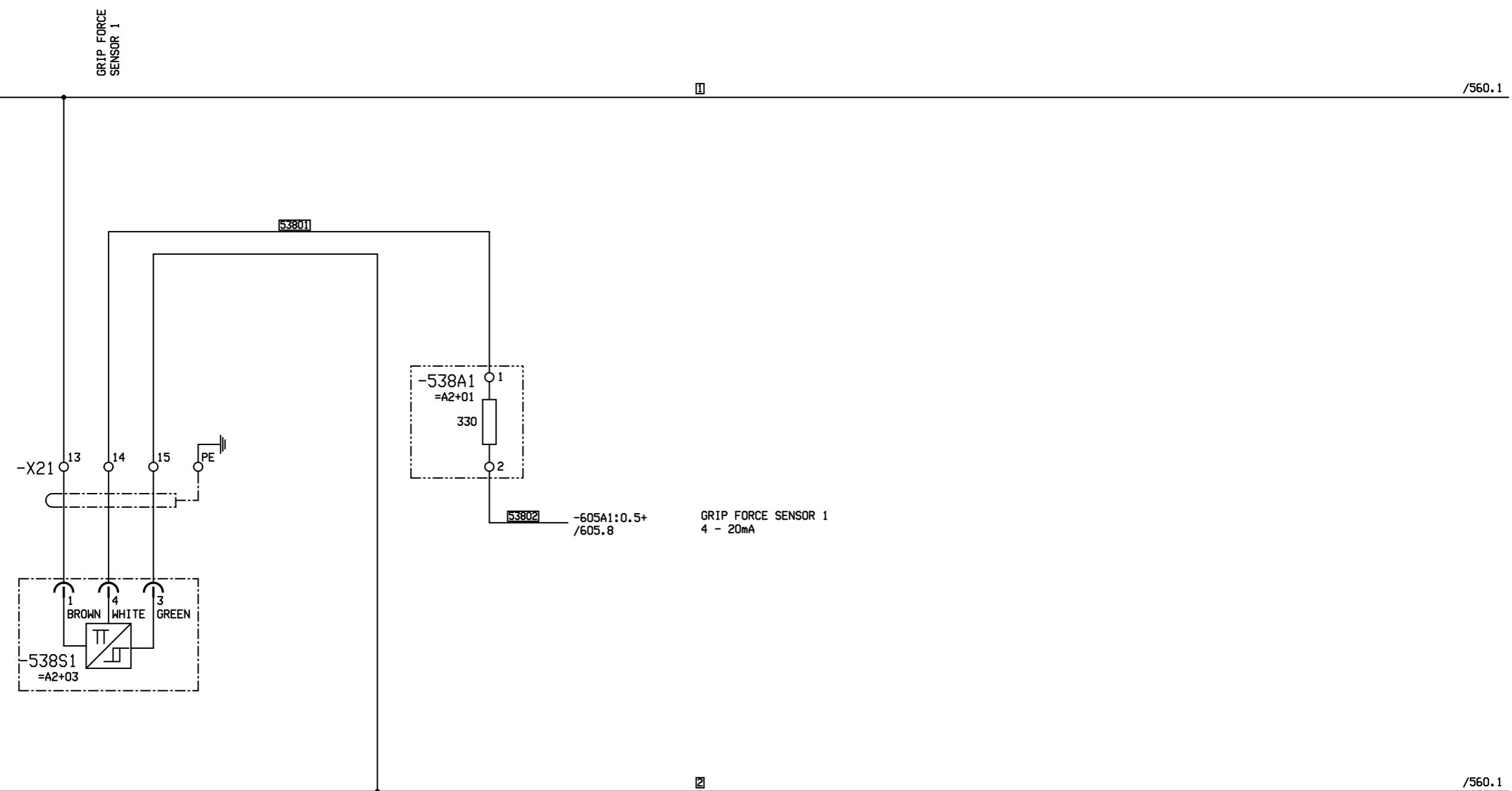
CHANGE-OVER PULSING  
EMERGENCY DRIVE

Revision	2.1	Drawn by	L0J	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 Doppelmayr Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	CHANGE-OVER PULSING	=A2+01
Date	14.08.20	Dr.ch.by	FHS				Date 19.10.11
File:	GEWAA2638						Sheet : 530 Cont.sheet: 537

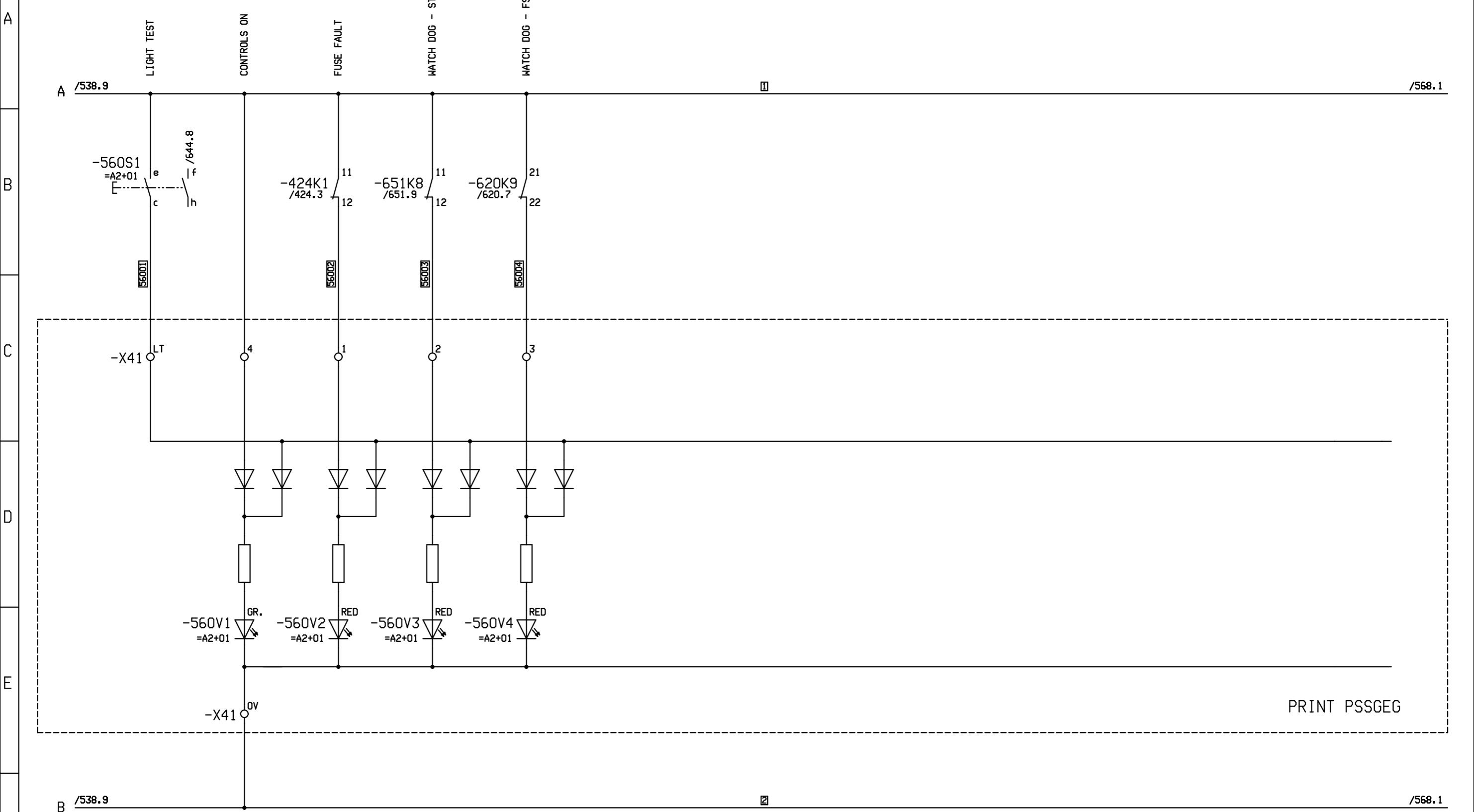
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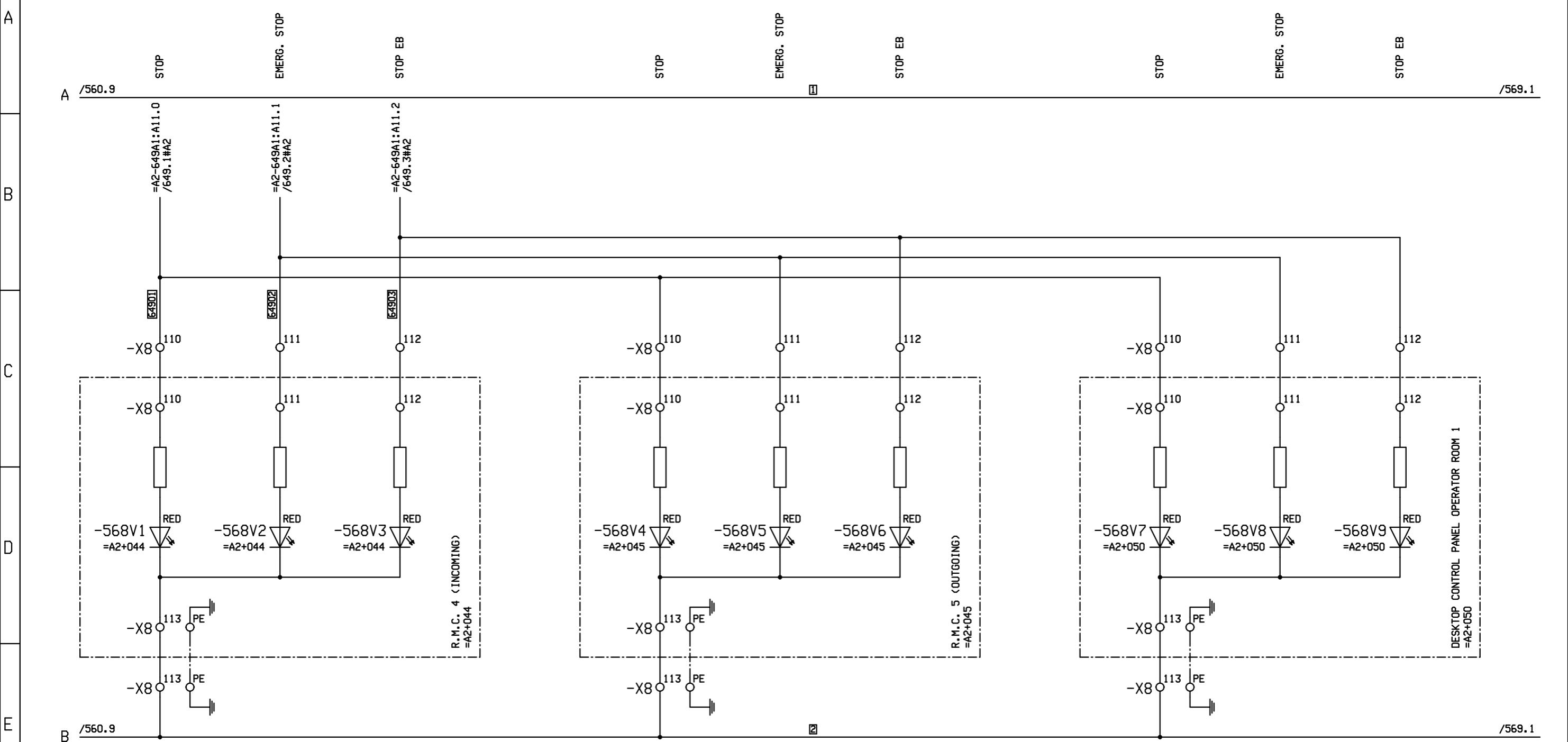
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Revision	2.1	Drawn by	LOJ	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 Doppelmayr <sup>®</sup> Innovia Patent GmbH A-6960 WOLFURT / AUSTRIA	GRIP FORCE SENSOR 1		=A2+01	
Date	14.08.20	Dr.ch.by	FHS			RETURN STATION		LV-CONTROL	
File: GEWAA2638						Sheet : 538		Cont.sheet: 560	



Revision	2.1	Drawn by	LOJ	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 <b>Doppelmayr</b> <small>Innova Patent GmbH A-6960 WOLFURT / AUSTRIA</small>	=A2+01
Date	14.08.20	Dr.ch.by	FHS			Date 16.03.11
File:	GEWAA2638					Sheet : 560 Cont.sheet: 568



Revision	2.1	Drawn by	L0J	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM			=A2+01			
Date	14.08.20	Dr.ch.by	FHS				Date 16.03.11			
File: GEWAA2638		 <b>Doppelmayr</b> Innovia Patent GmbH A-6960 WOLFURT / AUSTRIA								
		® CONTROL LIGHTS RETURN STATION      LV-CONTROL								

A

A /568.9

STOP  
EMERG. STOP

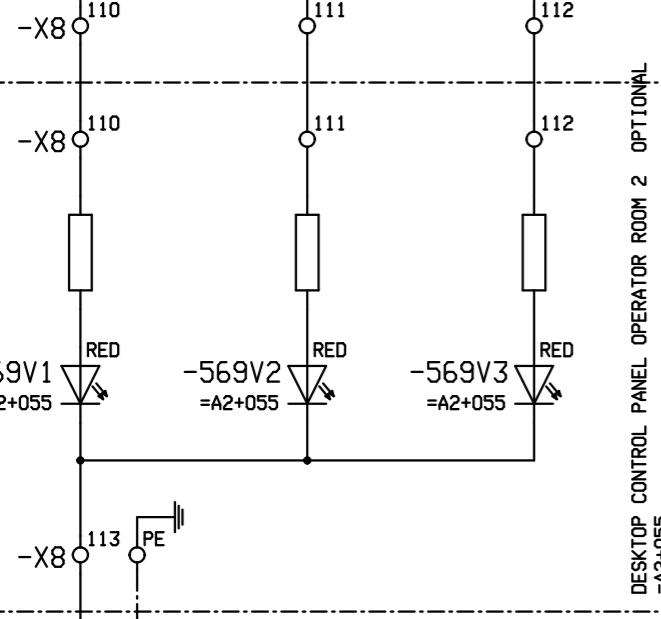
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/643.8

B

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/649.3#A2

C



B /568.9

/600.1

F

Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM

File: GEWAA2638



Innova Patent GmbH  
A-6960 WOLFURT / AUSTRIA



Doppelmayr

CONTROL LIGHTS

RETURN STATION

LV-CONTROL

=A2+01

Date 05.07.11

Sheet : 569

Cont.sheet: 600

A

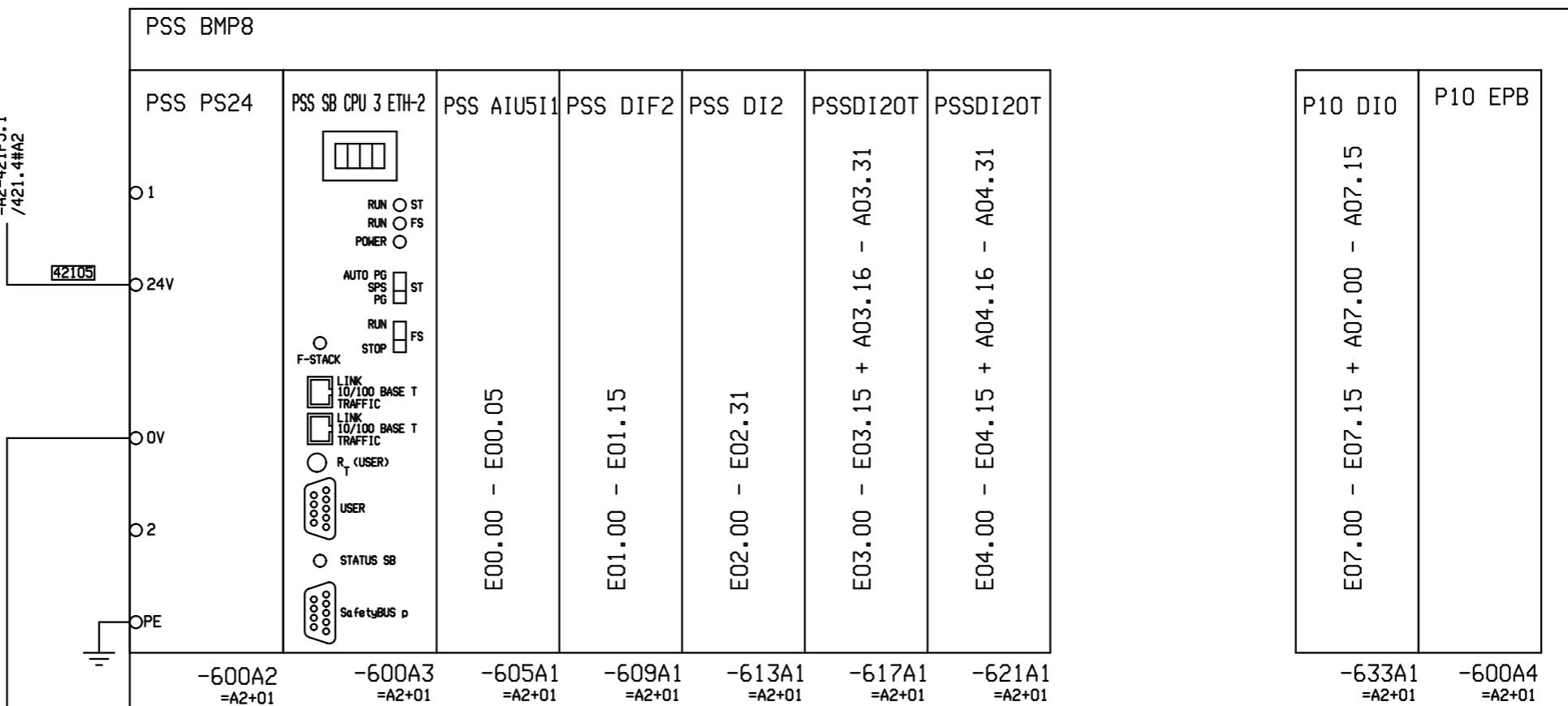
B

C

D

E

F



B

/569.9

/601.1

-730A2:X1/RJ45  
/730.5

Ethernet

Innova Patent GmbH  
A-6960 WOLFURT / AUSTRIA

Doppelmayr



POWER SUPPLY PC-SYSTEM

Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
File: GEWAA2638			

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM

RETURN STATION

LV-CONTROL

=A2+01

Date 21.10.11

Sheet : 600

Cont.sheet: 601

A

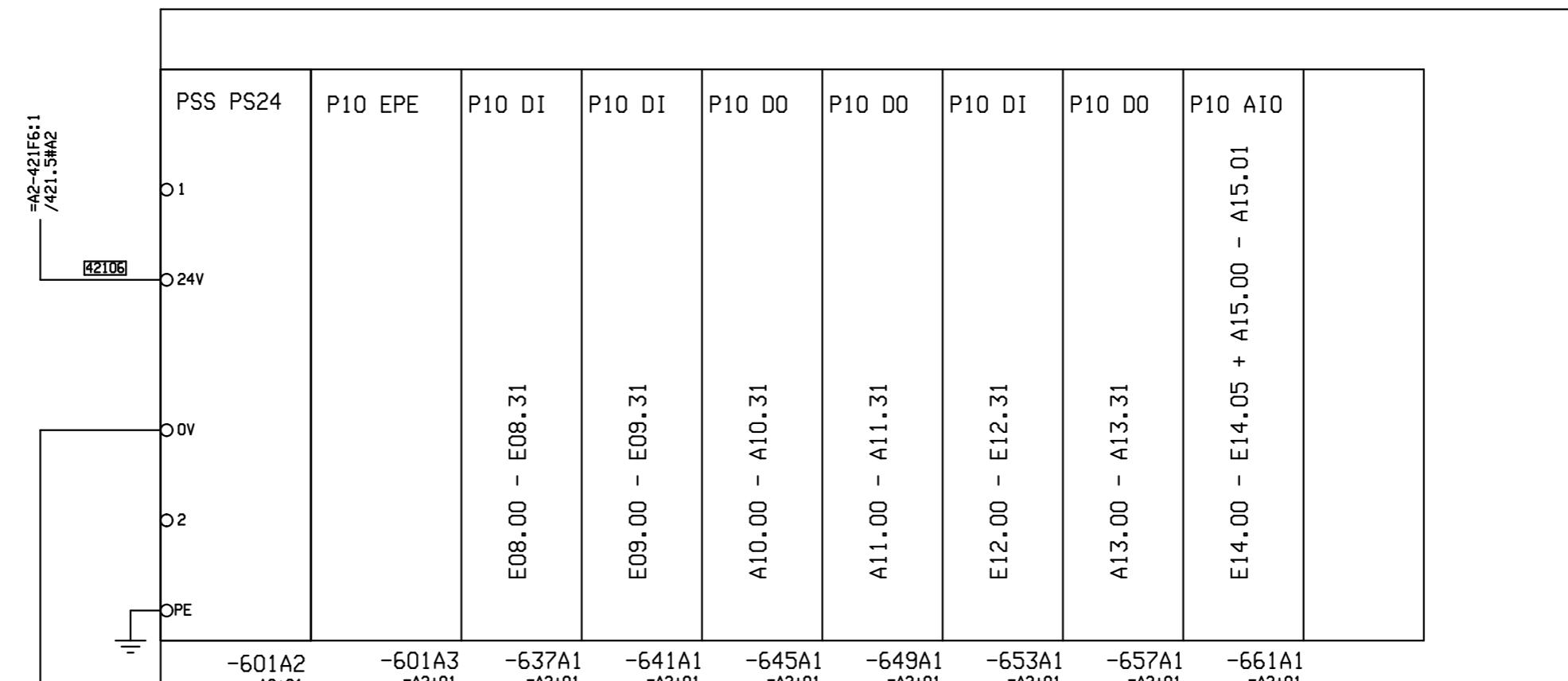
B

C

D

E

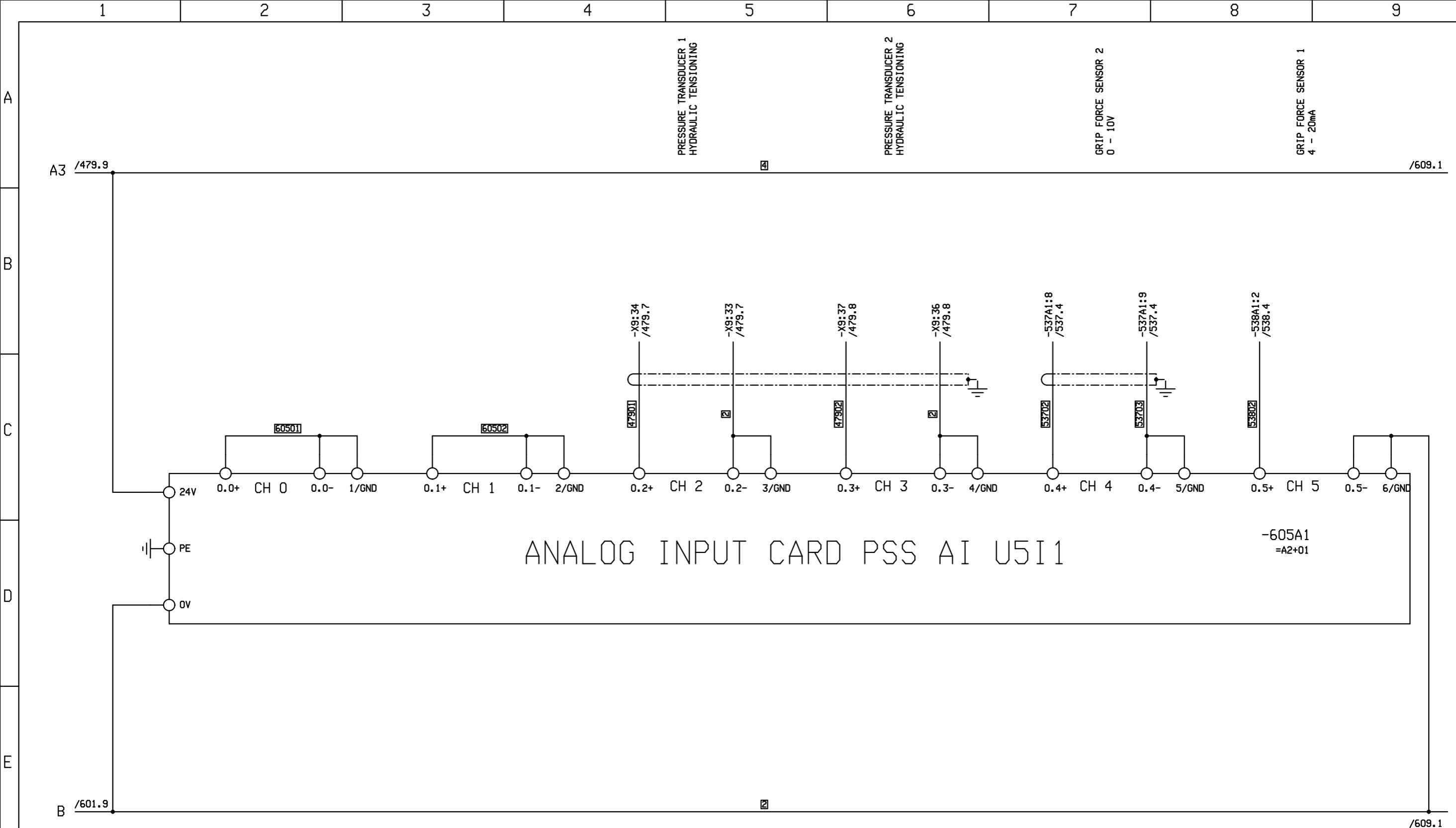
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B /600.9

□

/605.1



A

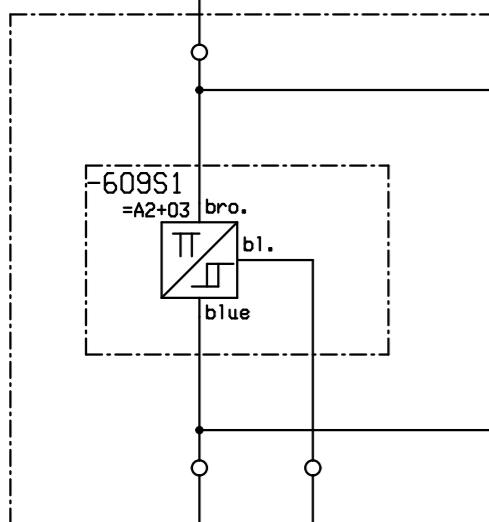
IMPULSE PROX. SWITCH 1.1

A3 /605.9

A3

-X22

A3

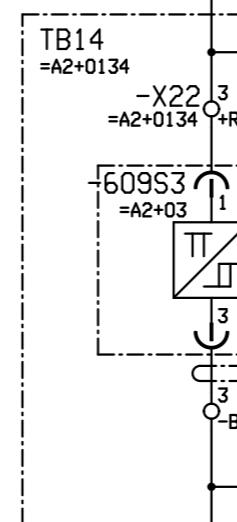


IMPULSE PROX. SWITCH 1.2

A3

-X22

A3

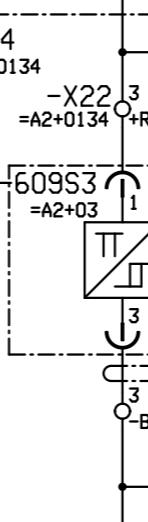


INCOMING PROX. 1.1

4

-X22

A3

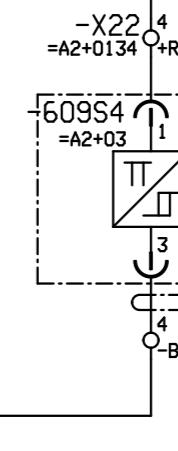


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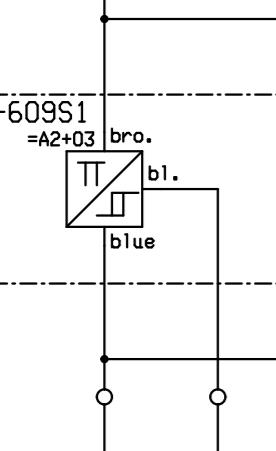
/610.1

-X22

4



B

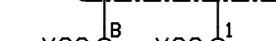


-X22

2

PE

C



-X22

1

PE

D

=A2-X1:B  
/420.5#A2

B

60901

-X22

2

PE

/610.1

E



F

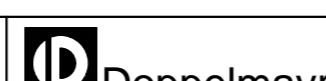


## INPUT CARD PSS DIF 2

-609A1  
=A2+01

Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM



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A-6960 WOLFURT / AUSTRIA

INPUT PLC (FS)		=A2+01	
RETURN STATION		LV-CONTROL	
Sheet : 609		Cont.sheet: 610	

File: GEWAA2638

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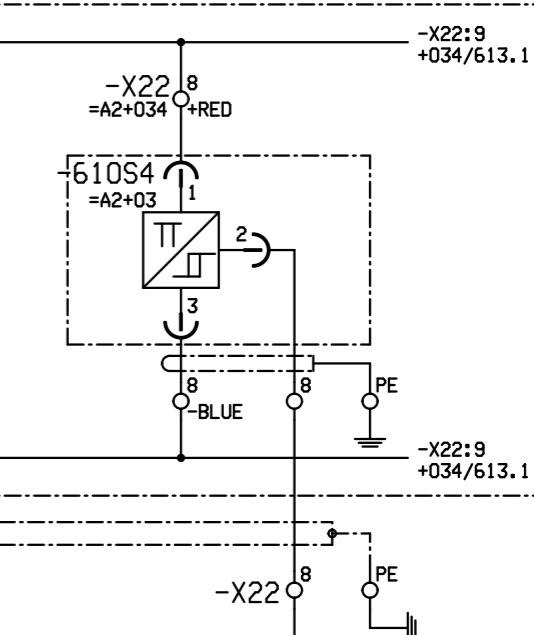
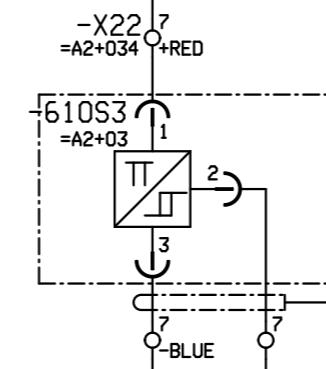
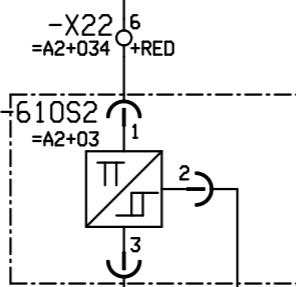
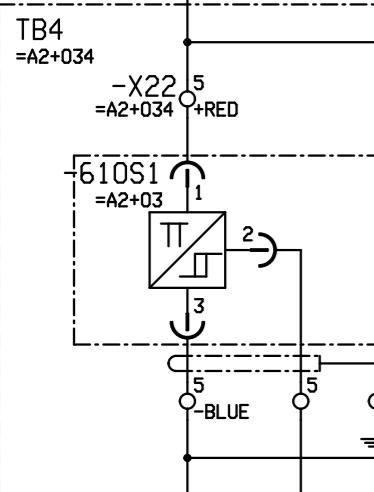
INCOMING PROX. 2 /  
END OF MEASUREMENT

A3 /609.9

A3

-X22

A3



D

B /609.9

61001

-X22

5

-X22

6

-X22

7

-X22

8

/611.1

E

1.4 /609.9

2/0V

0V

1.5

0V

1.6

0V

1.7

0V

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-609A1  
/609.7

F

B /609.9

2

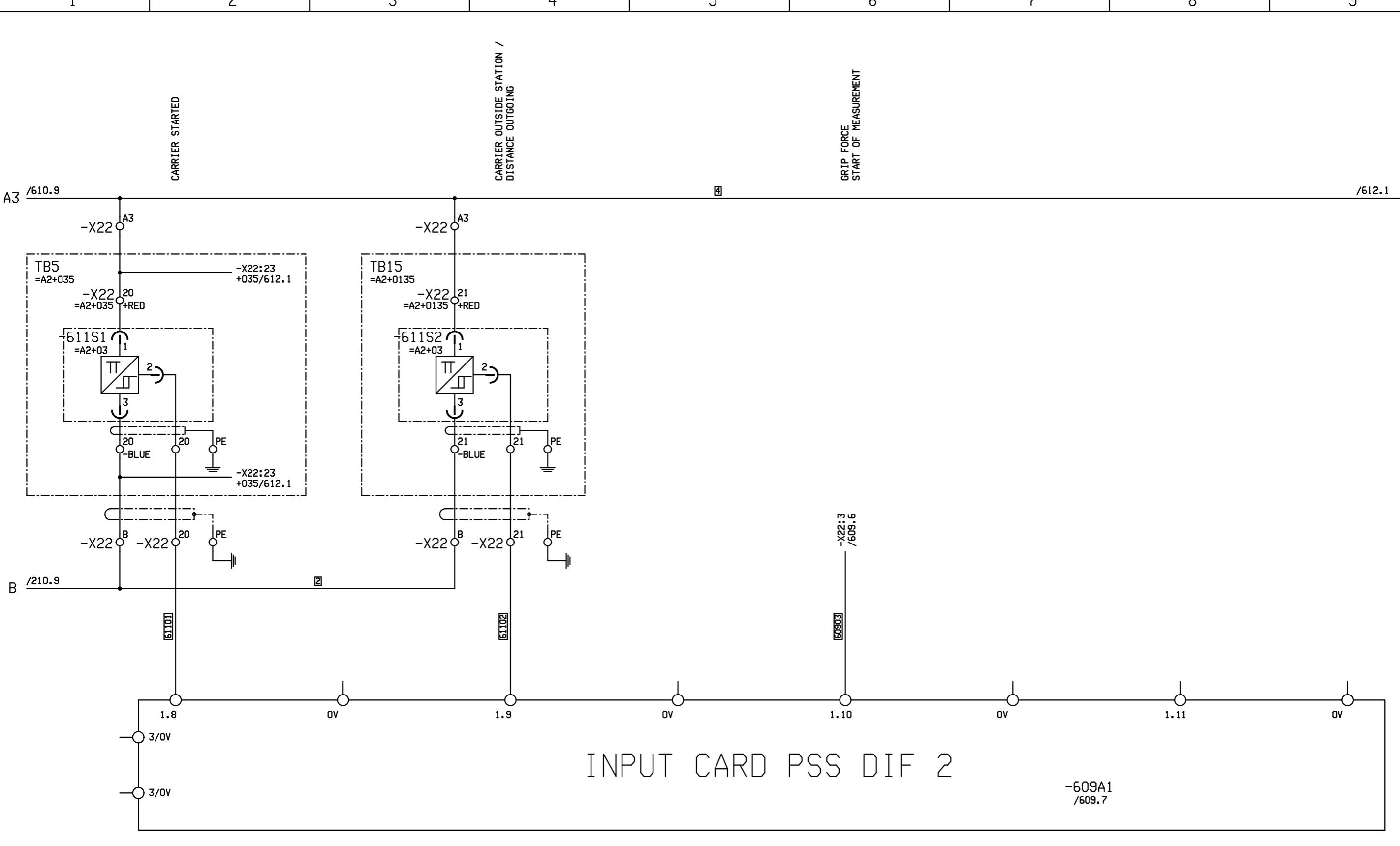
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Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
File: GEWAA2638			

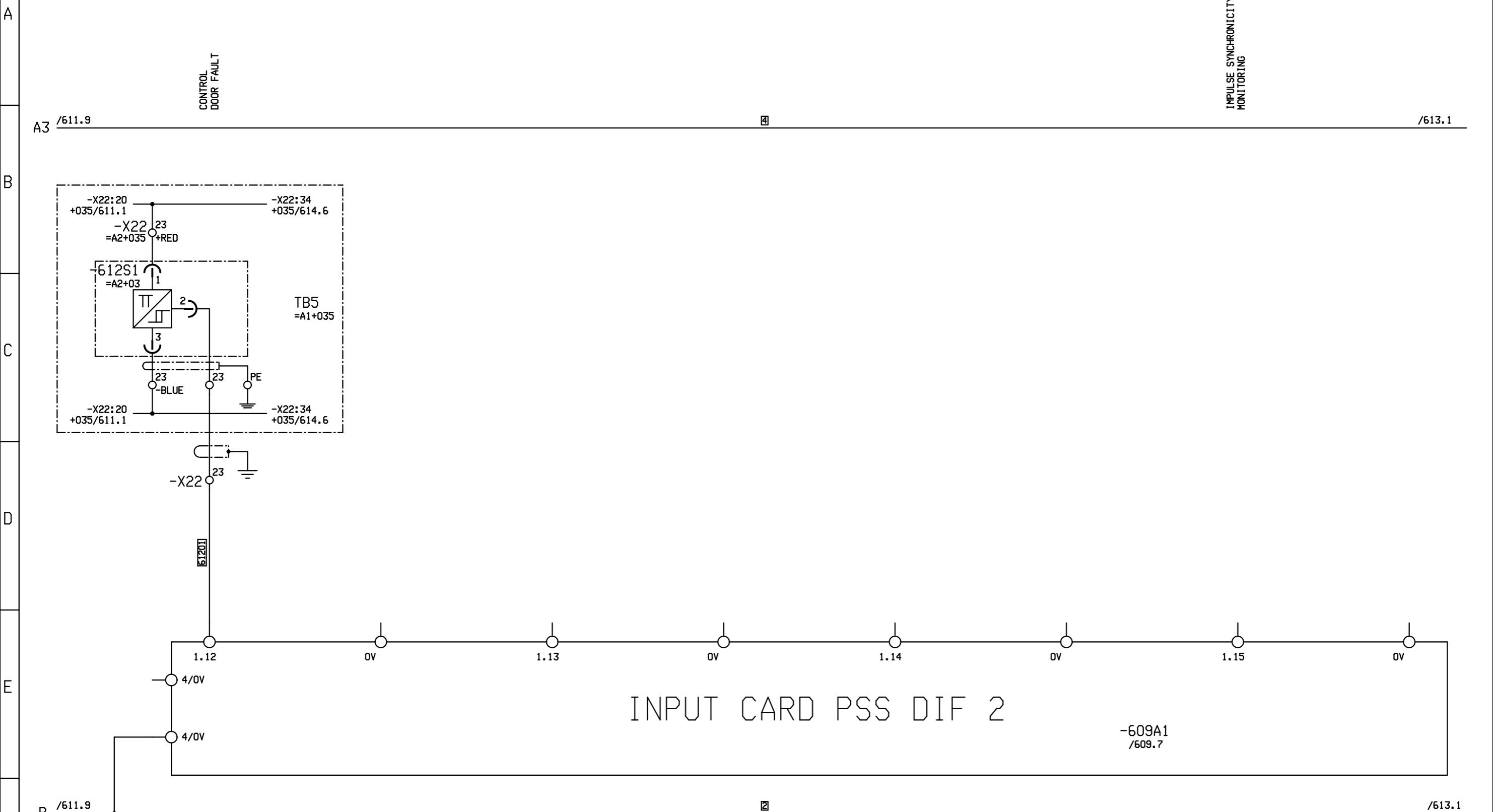
10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM



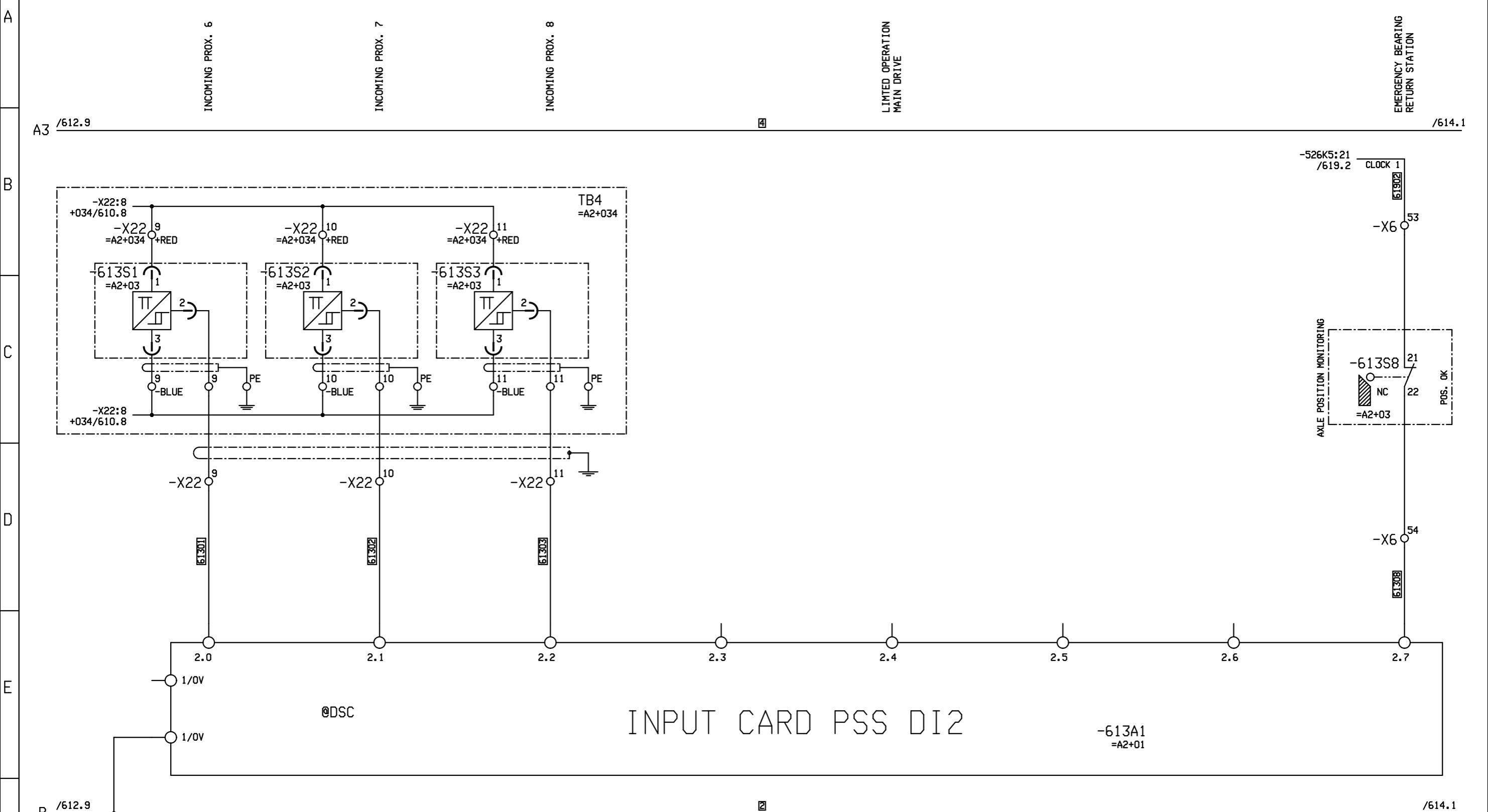
=A2+01
Date 21.07.11
Sheet : 610
Cont.sheet: 611



Revision	2.1	Drawn by	LOJ	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 Doppelmayr <sup>®</sup> Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	INPUT PLC (FS)		=A2+01
Date	14.08.20	Dr.ch.by	FHS			RETURN STATION		Sheet : 611
File:	GEWAA2638					LV-CONTROL		Cont.sheet: 612



Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM			
File: GEWAA2638		=A2+01	



A

A3 /613.9

④

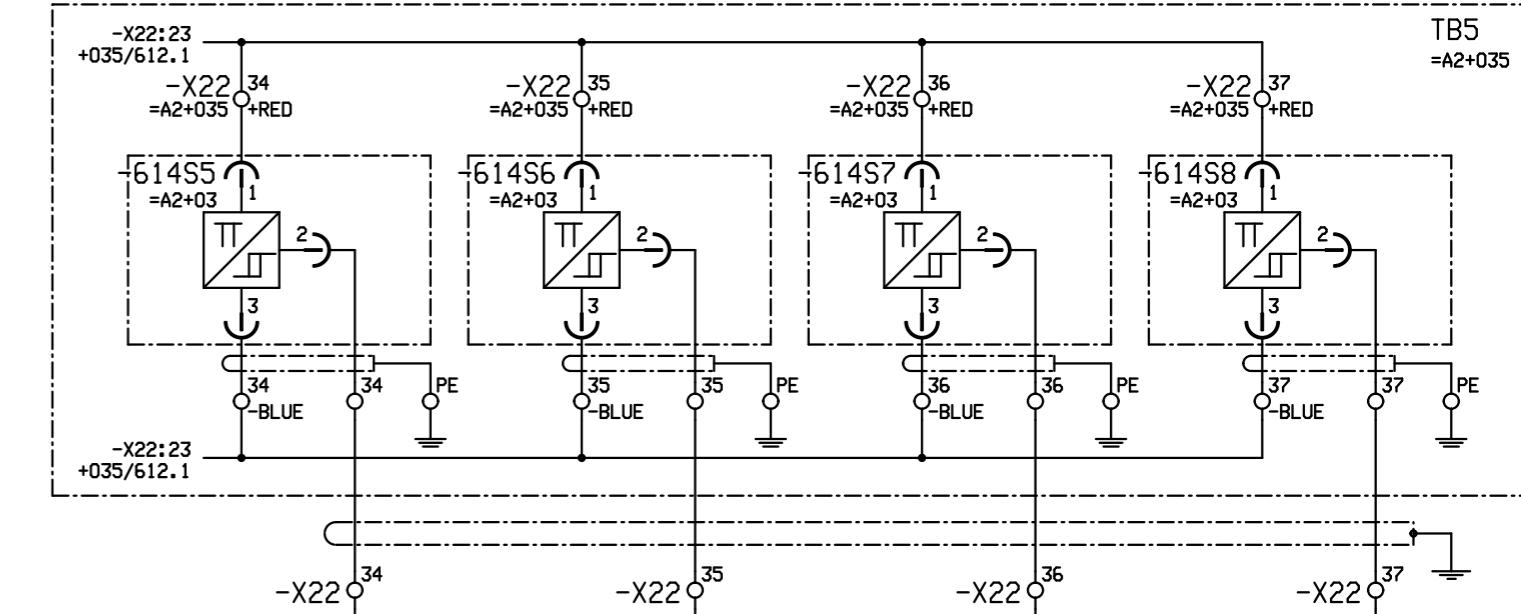
START POSITION /  
START DOOR FAULT

STOW 1

STOW 2

STOW 3

/616.1

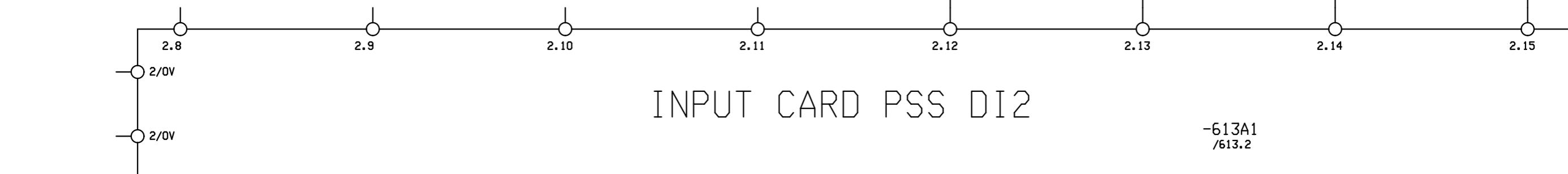
TB5  
=A2+035

B

C

D

E



B /613.9

②

/615.1

F

Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
File: GEWAA2638			

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM

1

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3

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5

6

7

8

9

A

FAULT GRIP OPERATING  
LEVER REVERSEGEOMETRICAL GRIP GAUGE  
REVERSEROPE POSITION  
STATION INCOMINGGRIP FAULT  
BEFORE LAUNCH  
REVERSEGRIP FAULT  
BEFORE LAUNCH  
FORWARDROPE POSITION  
STATION OUTGOINGGEOMETRICAL GRIP GAUGE  
FORWARDFAULT GRIP OPERATING  
LEVER FORWARD

=A2-526K5:11  
/619.1#A2  
CLOCK 0

=A2-526K5:21  
/619.2#A2  
CLOCK 1

=A2-526K6:11  
/619.3#A2  
CLOCK 2

-X21 50  
-X21 50  
-X21 50  
-X21 50

**-615S1** 21  
NC  
=A2+03  
POS. OK  
ROPE DIAMETER  
+10%

-X21 52  
-X21 52  
-X21 52  
-X21 52

**-615S2** 21  
NC  
=A2+03  
POS. OK  
GEOMETRICAL GRIP GAUGE LOWER

-X21 55  
-X21 55  
-X21 55  
-X21 55

**-615S4** 21  
NC  
=A2+03  
POS. OK  
VERTICAL

-X21 58  
-X21 58  
-X21 58  
-X21 58

**-615S6** 21  
NC  
=A2+03  
POS. OK

-X21 62  
-X21 62  
-X21 62  
-X21 62

**-615S9** 21  
NC  
=A2+03  
POS. OK

-X21 66  
-X21 66  
-X21 66  
-X21 66

**-615S12** 21  
NC  
=A2+03  
POS. OK

-X21 69  
-X21 69  
-X21 69  
-X21 69

**-615S14** 21  
NC  
=A2+03  
POS. OK  
GEOMETRICAL GRIP GAUGE LOWER

-X21 72  
-X21 72  
-X21 72  
-X21 72

**-615S16** 21  
NC  
=A2+03  
POS. OK  
ROPE DIAMETER  
-10%

GEOMETRICAL GRIP GAUGE UP

-X21 53  
-X21 53  
-X21 53  
-X21 53

**-615S3** 21  
NC  
=A2+03  
POS. OK

-X21 56  
-X21 56  
-X21 56  
-X21 56

**-615S5** 21  
NC  
=A2+03  
POS. OK  
HORIZONTAL

-X21 60  
-X21 60  
-X21 60  
-X21 60

**-615S7** 21  
NC  
=A2+03  
POS. OK

-X21 64  
-X21 64  
-X21 64  
-X21 64

**-615S10** 21  
NC  
=A2+03  
POS. OK

-X21 67  
-X21 67  
-X21 67  
-X21 67

**-615S13** 21  
NC  
=A2+03  
POS. OK  
HORIZONTAL

GEOMETRICAL GRIP GAUGE UP

-X21 70  
-X21 70  
-X21 70  
-X21 70

**-615S15** 21  
NC  
=A2+03  
POS. OK

-X21 73  
-X21 73  
-X21 73  
-X21 73

**-615S17** 21  
NC  
=A2+03  
POS. OK  
ROPE DIAMETER  
+10%

TB14 -X21 51

51.1

TB14 -X21 54

54.1

TB14 -X21 57

57.1

TB14 -X21 61

61.1

TB14 -X21 65

65.1

TB14 -X21 68

68.1

TB14 -X21 71

71.1

TB14 -X21 74

74.1

3/0V

3/0V

3/0V

3/0V

3/0V

3/0V

## INPUT CARD PSS DI2

**-613A1**  
/613.2

B /614.9

2

/616.1

Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
File: GEWAA2638			

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM

**D** Doppelmayr  
Innova Patent GmbH  
A-6960 WOLFURT / AUSTRIA

INPUT PLC (FS)		=A2+01	
RETURN STATION		LV-CONTROL	
		Sheet : 615	
Cont.sheet: 616			

1

2

3

4

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7

8

9

A

A3 /614.9

GRIP FORCE  
DISABLE SENSOR 1GRIP FORCE  
DISABLE SENSOR 2

BULLWHEEL POSITION

FEEDBACK  
CONTACTOR TYRE CONVEYORMAINTENANCE LOCK OUT  
(CLOCK 1)EMERG. STOP BUTTONS  
(CLOCK 3)STOP EB BUTTONS  
(CLOCK 2)

POS. PLATFORM DOOR

/217.1

B

④

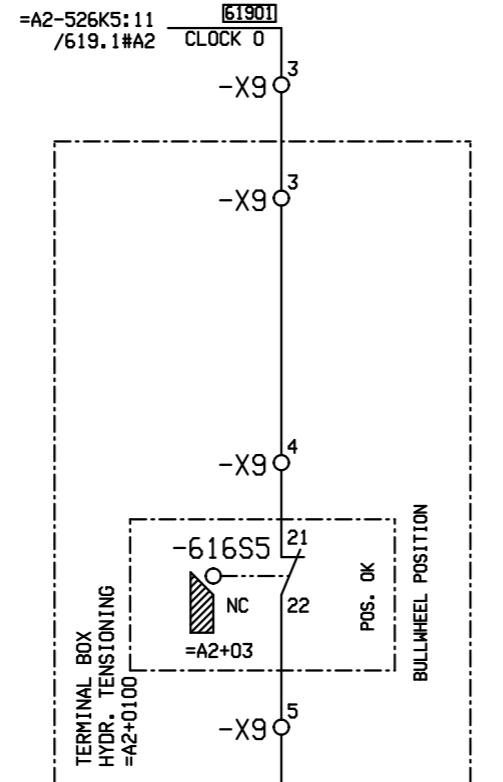
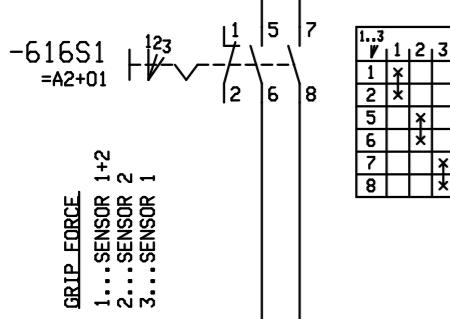
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/619.1#A261901  
CLOCK 0

-X9 3

-X9 3

-X6 130

C



D

2.24

2.25

2.26

2.27

2.28

2.29

2.30

2.31

E

0V

4/0V

INPUT CARD PSS DI2

F

B /614.9

/617.1

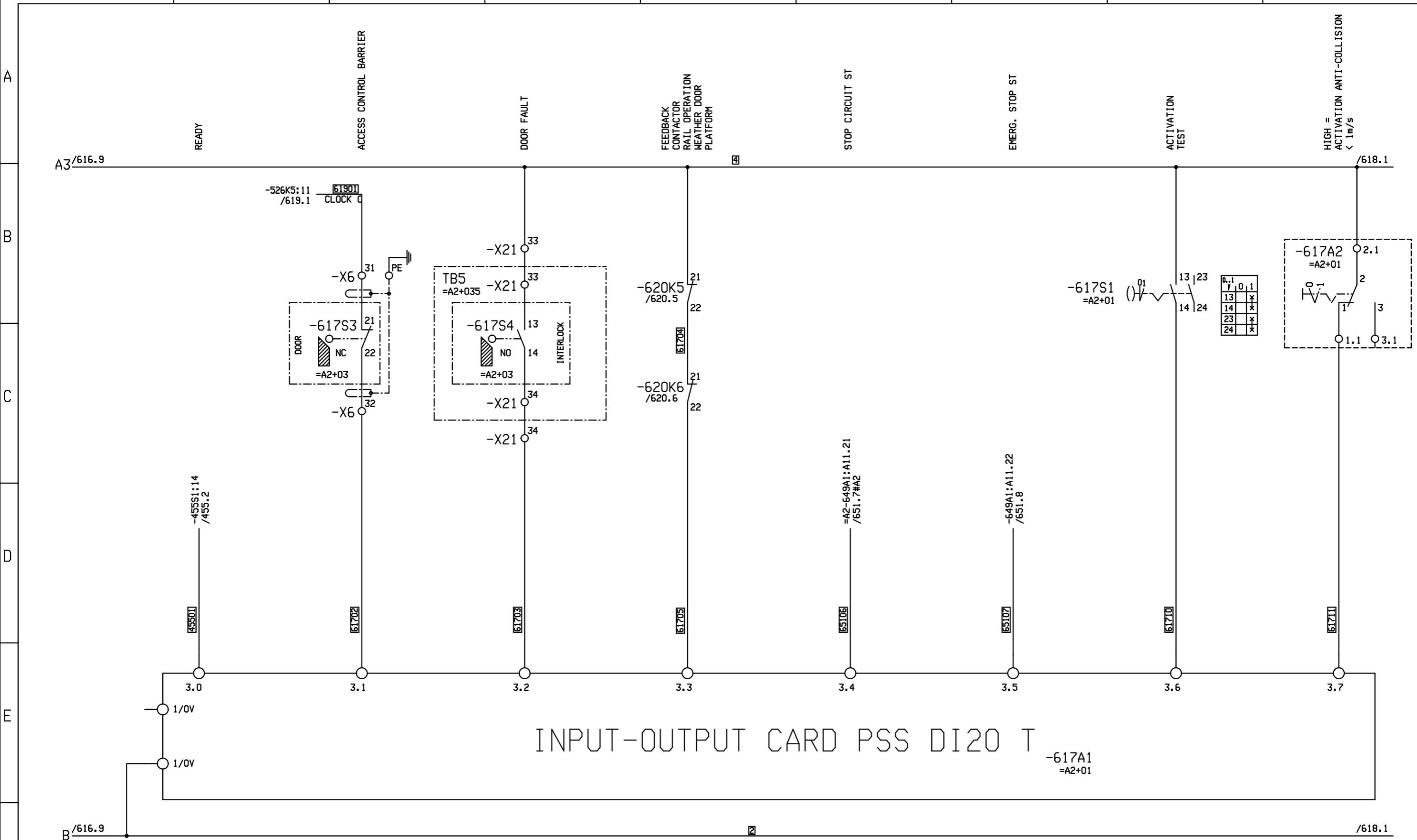
Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
File: GEWAA2638			

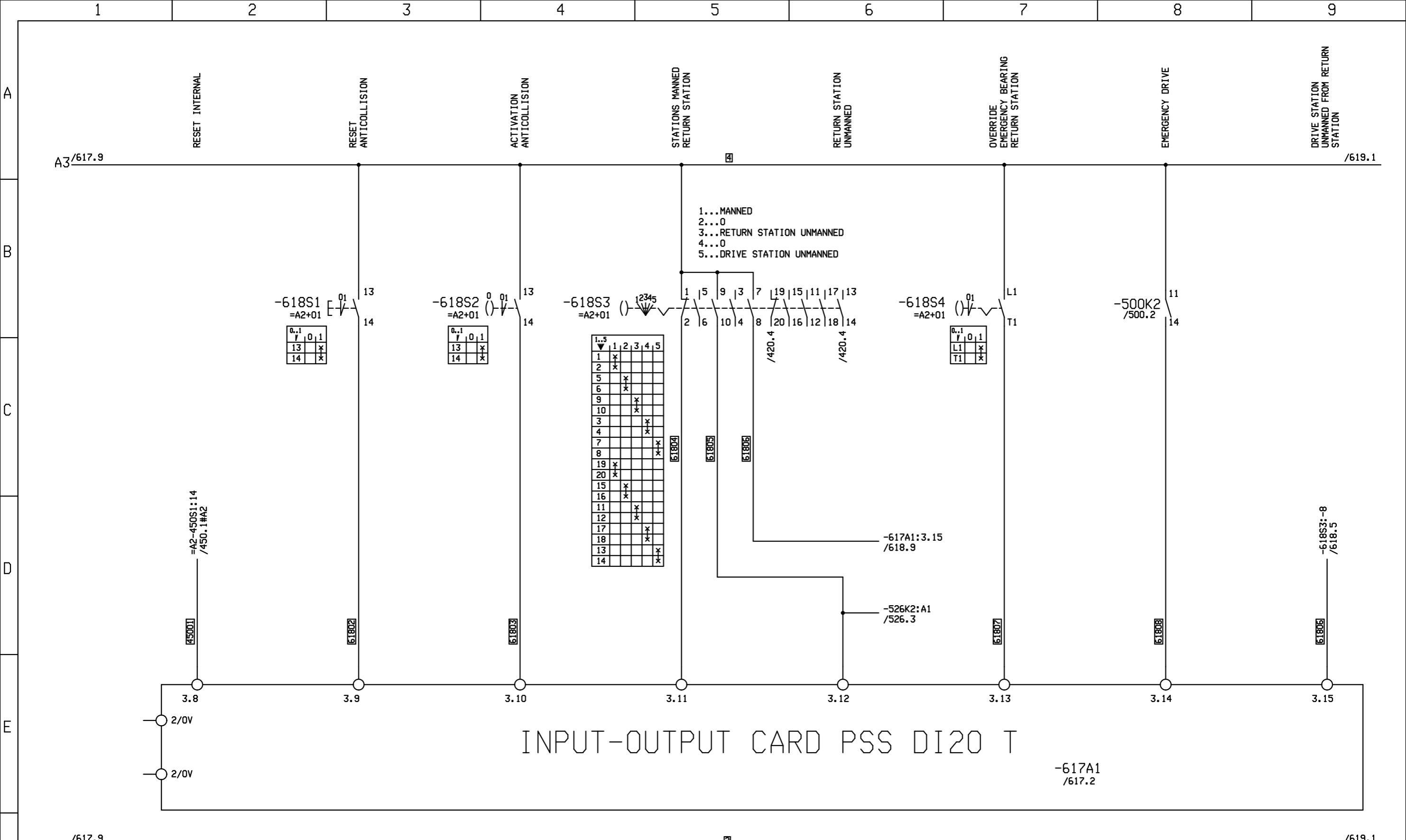
10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM



INPUT PLC (FS)	RETURN STATION	LV-CONTROL
=A2+01		

Date : 22.11.12  
Sheet : 616  
Cont.sheet: 617





Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
File: GEWAA2638			

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WAA0002638  
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INPUT PLC (FS)

RETURN STATION

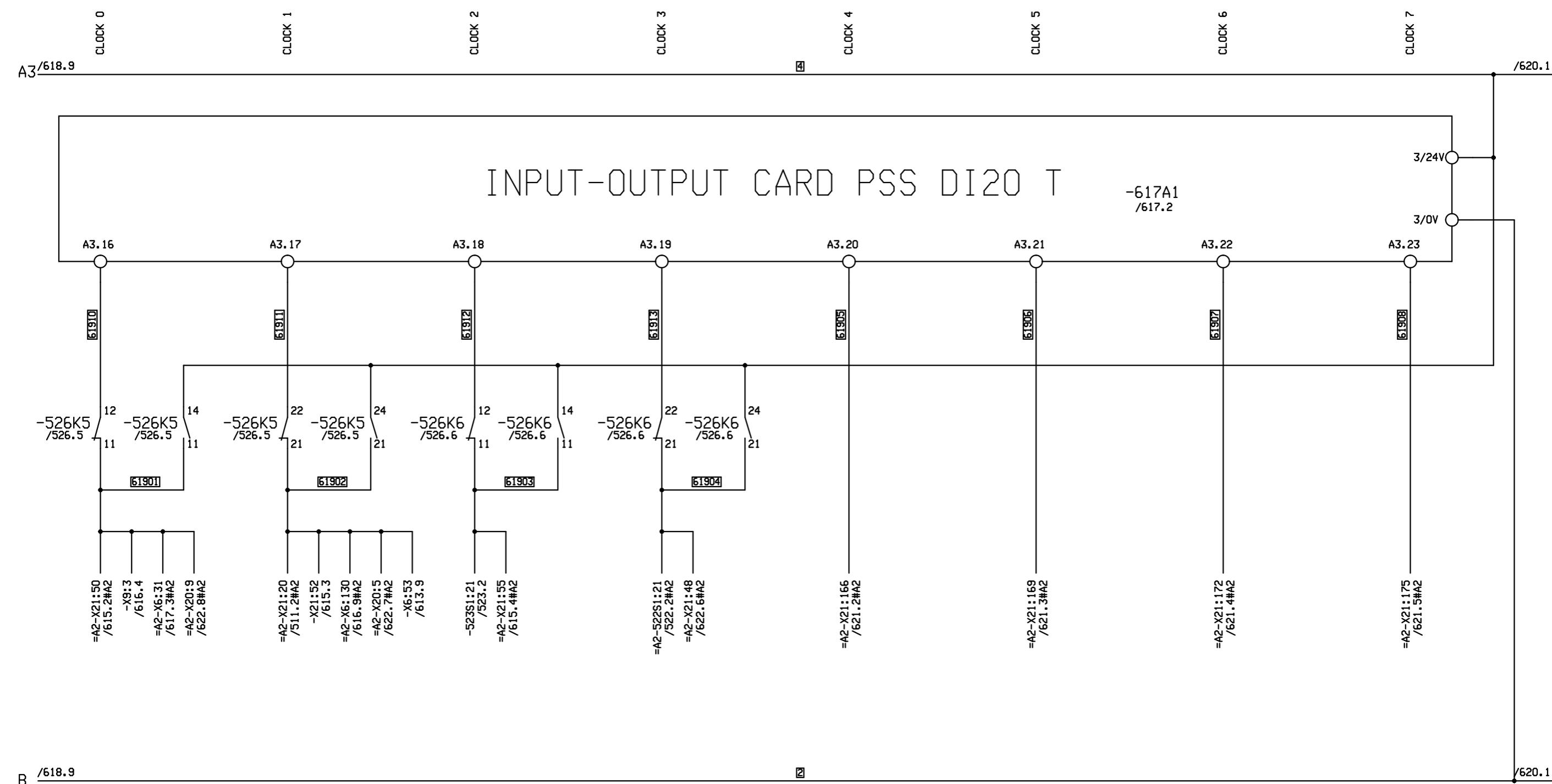
LV-CONTROL

=A2+01

Date 19.10.11

Sheet : 618

Cont.sheet: 619



Revision	2.1	Drawn by	LOJ	10- WAA BAN
Date	14.08.20	Dr.ch.by	FHS	
File: GEWAA2638				

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(R)

OUTPUT PLC (ES)

UUT PLC (ES) =A2+01

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RETURN STATION

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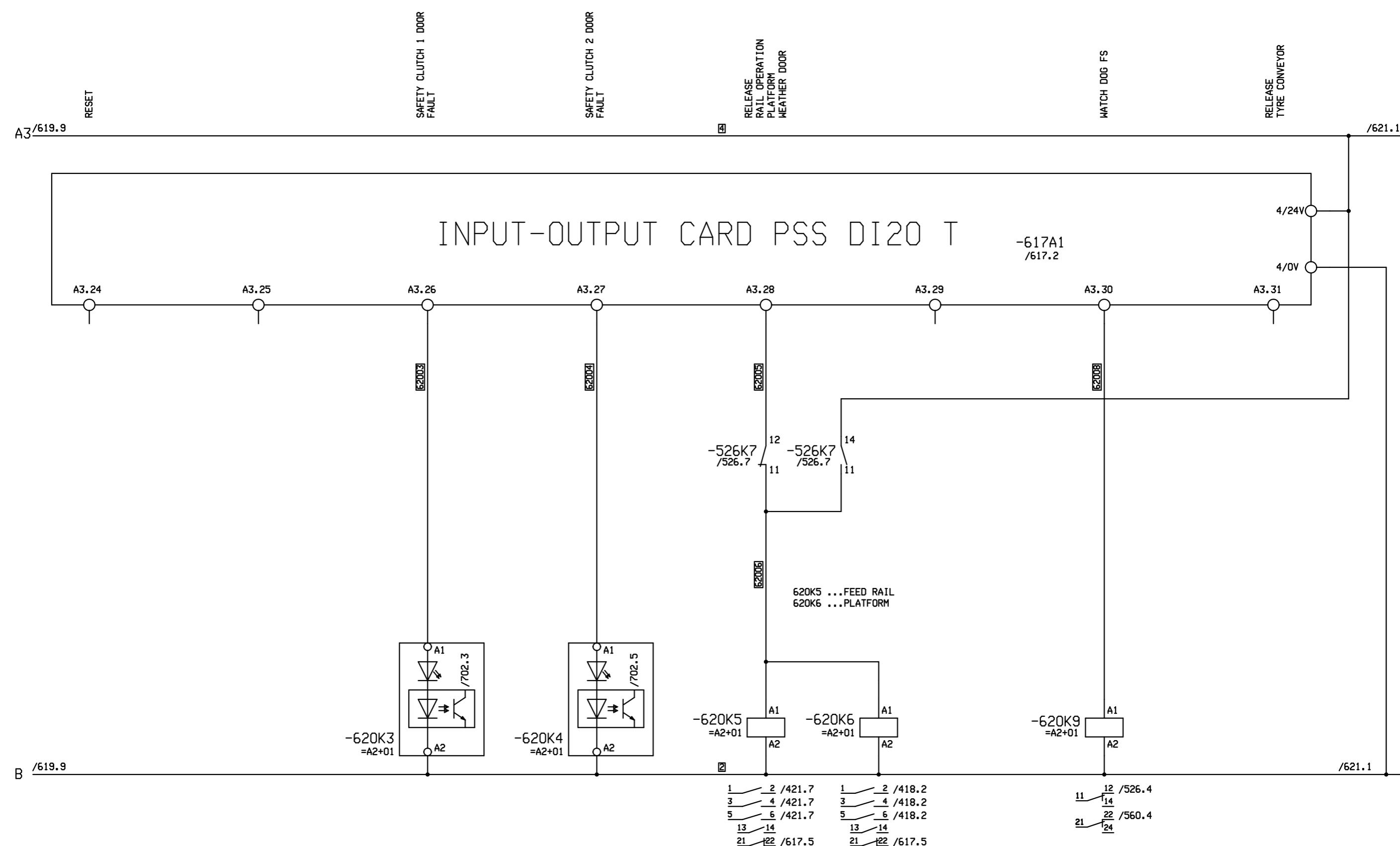
L V-CONTROL

=A2+01

07.07.1

61

sheet: 62



Revision	2.1	Drawn by	LOJ	10- WAA BAN
Date	14.08.20	Dr.ch.by	FHS	
File:		GEWAA2638		

10-MGD BANA BIG ROPEWA  
WAA0002638  
BANA / VIETNAM



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OUTPUT PLC (FS)

RETURN STATION

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LV CONTROL

≡Δ2+01

Page 1

Sheet : 620

Cont. sheet: 62

1

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4

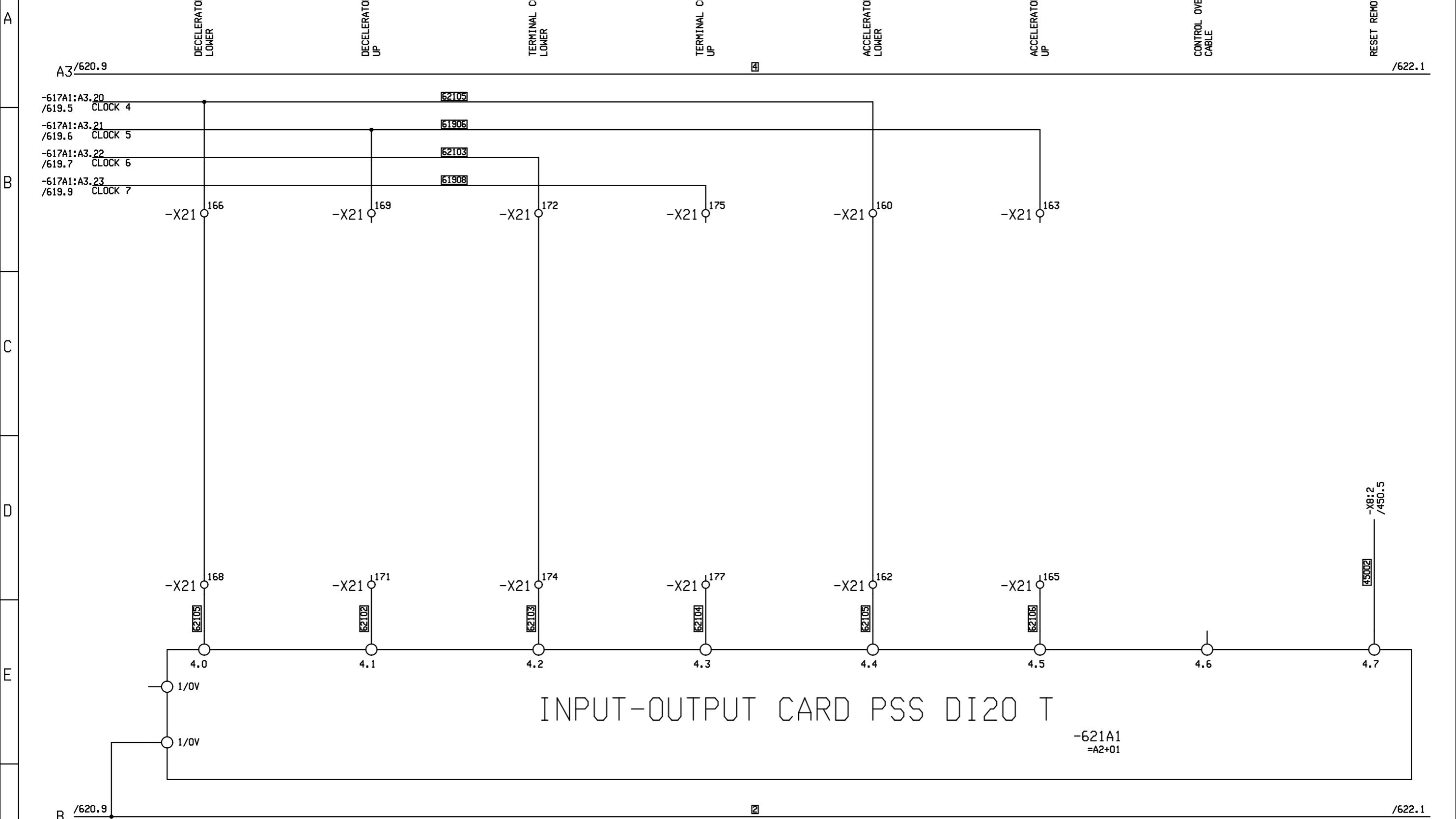
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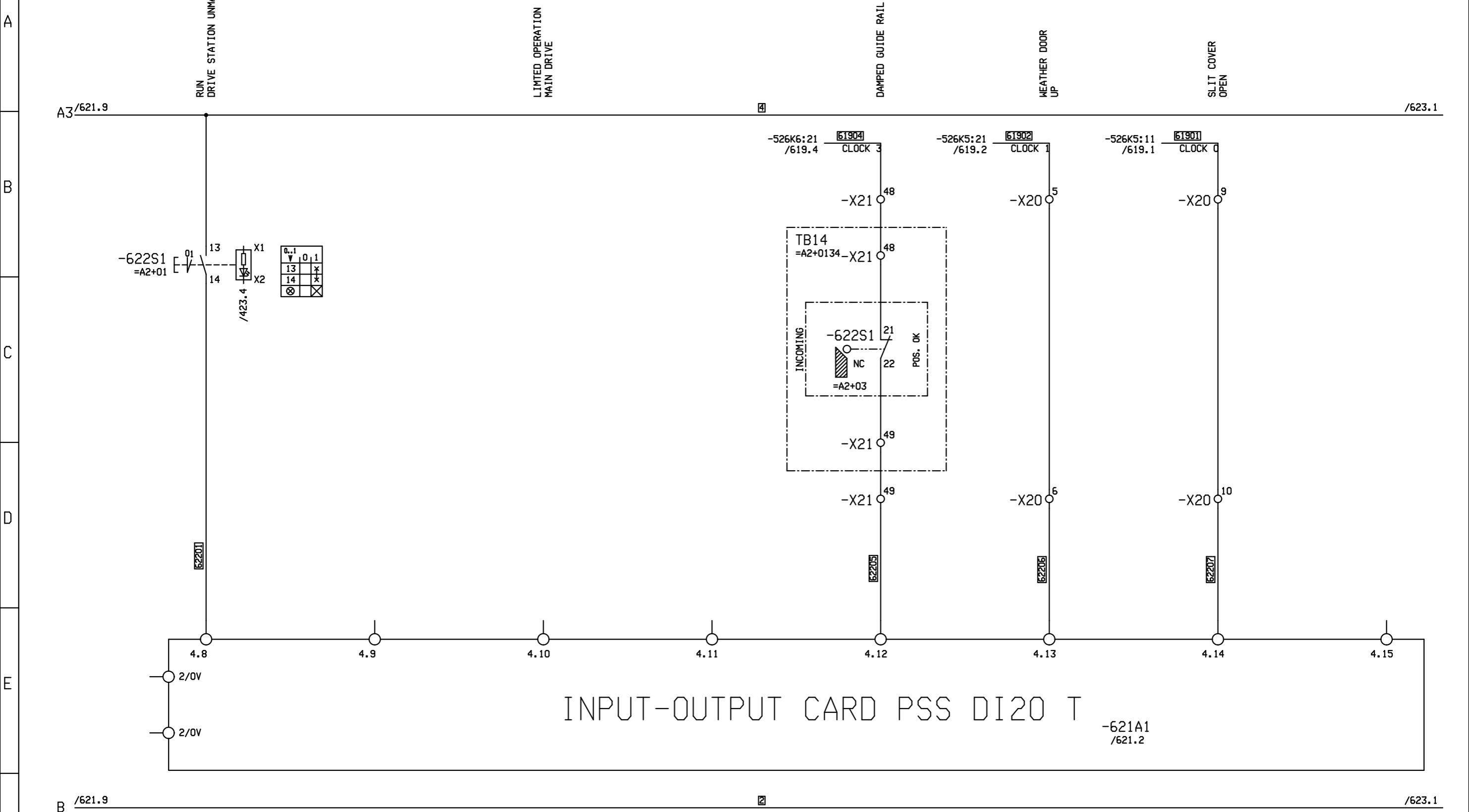
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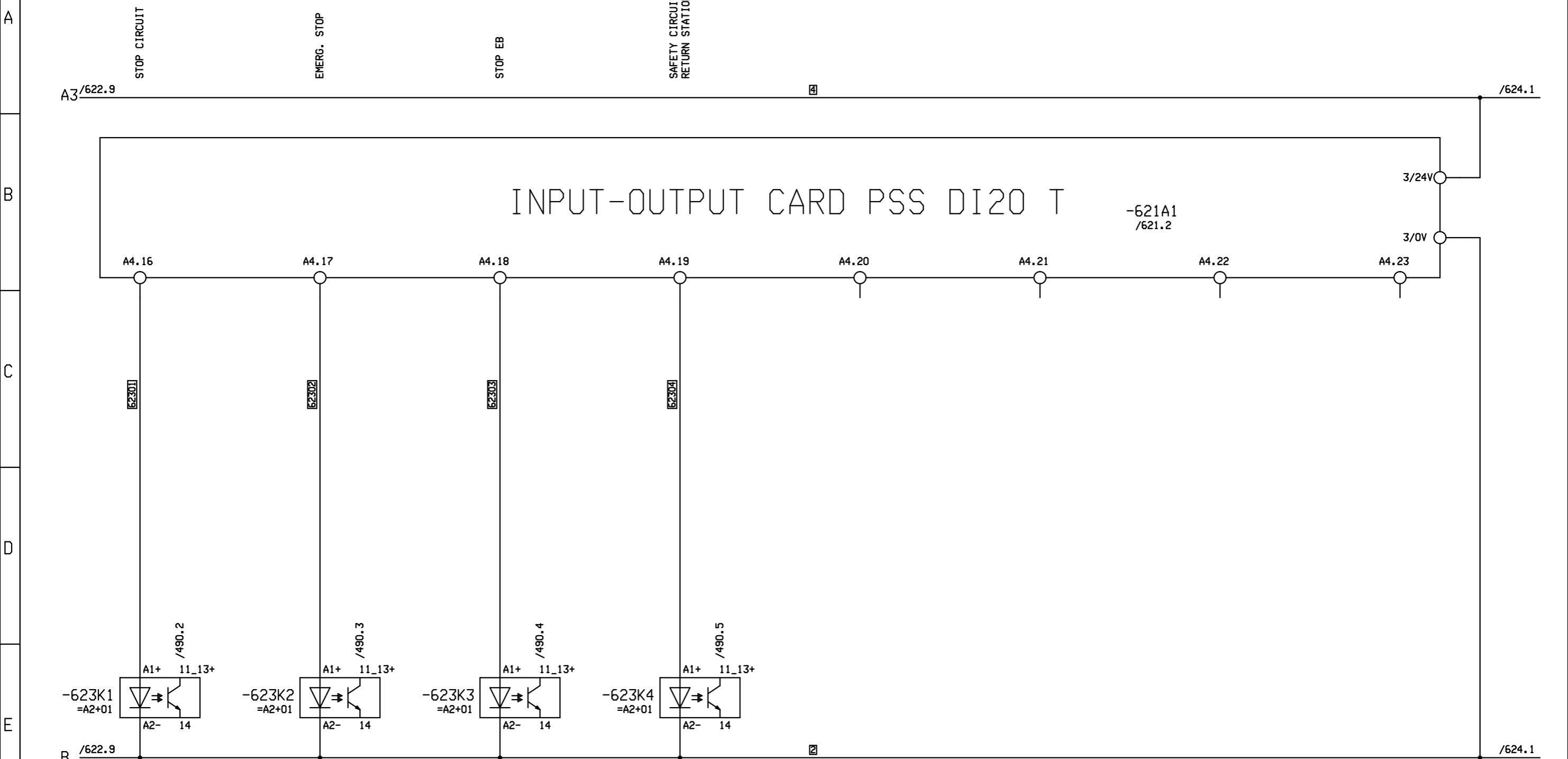
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Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
<b>File:</b> GEWAA2638			

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM





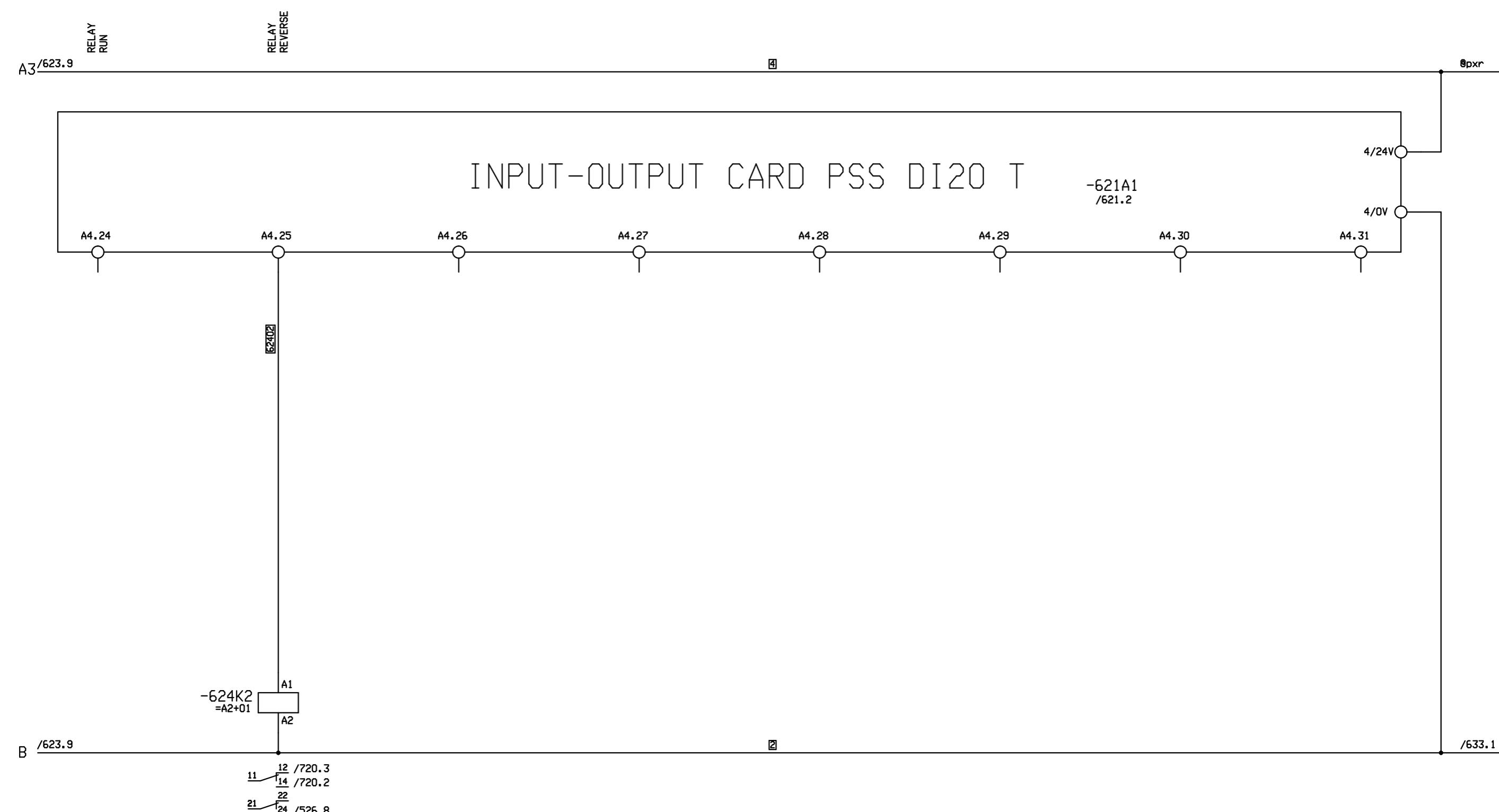
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Date	14.08.20	Dr.ch.by	FHS			Date 23.03.11
File:	GEWAA2638					Sheet : 623 Cont.sheet: 624



OUTPUT PLC (FS)

RETURN STATION

LV-CONTROL



Revision	2.1	Drawn by	LOJ	10-
Date	14.08.20	Dr.ch.by	FHS	WA
File: GEWAA2638				BAN

10-MGD BANA BIG ROPEWA  
WAA0002638  
BANA / VIETNAM



(R)

OUTPUT PLC (FS)

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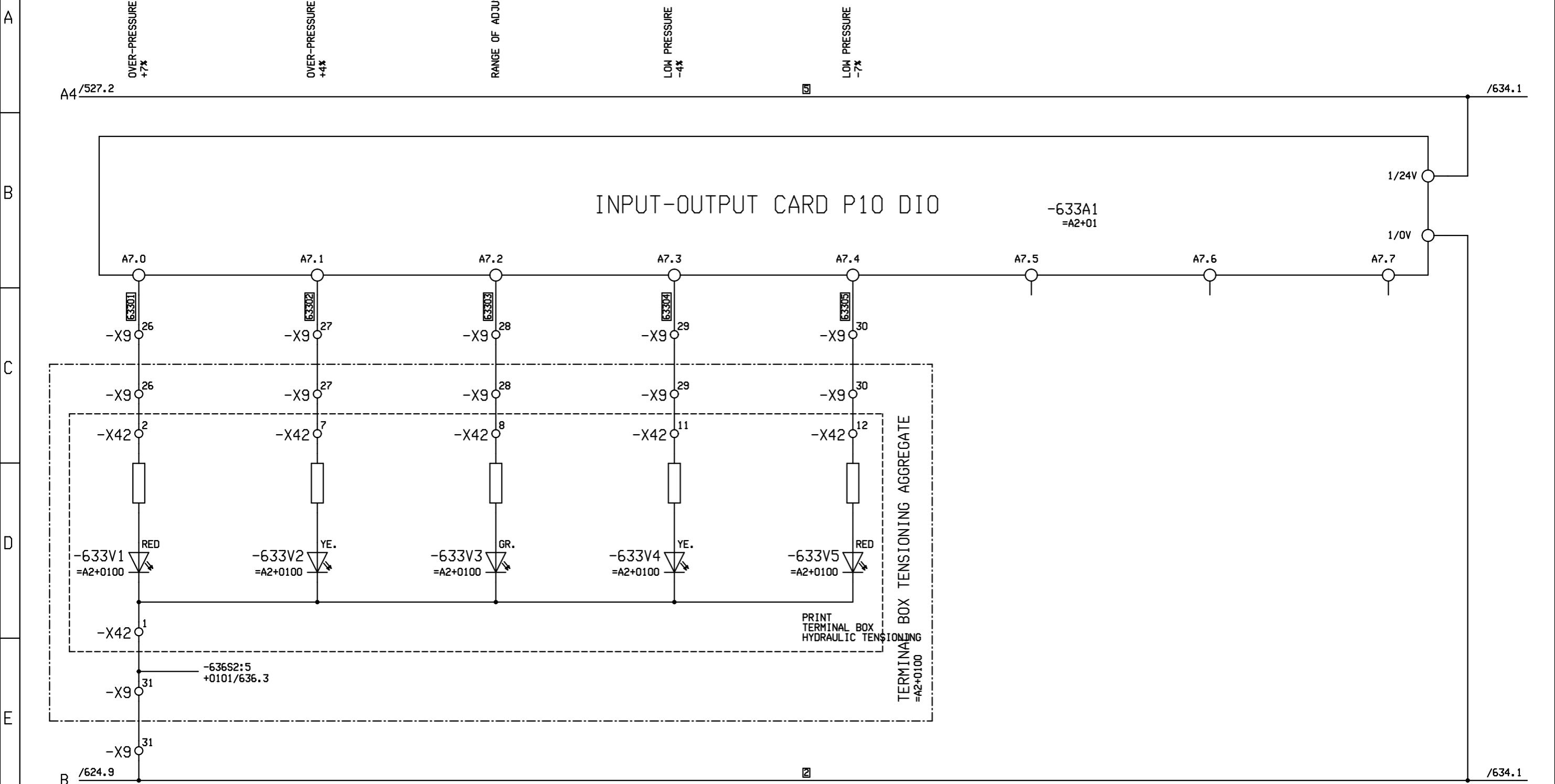
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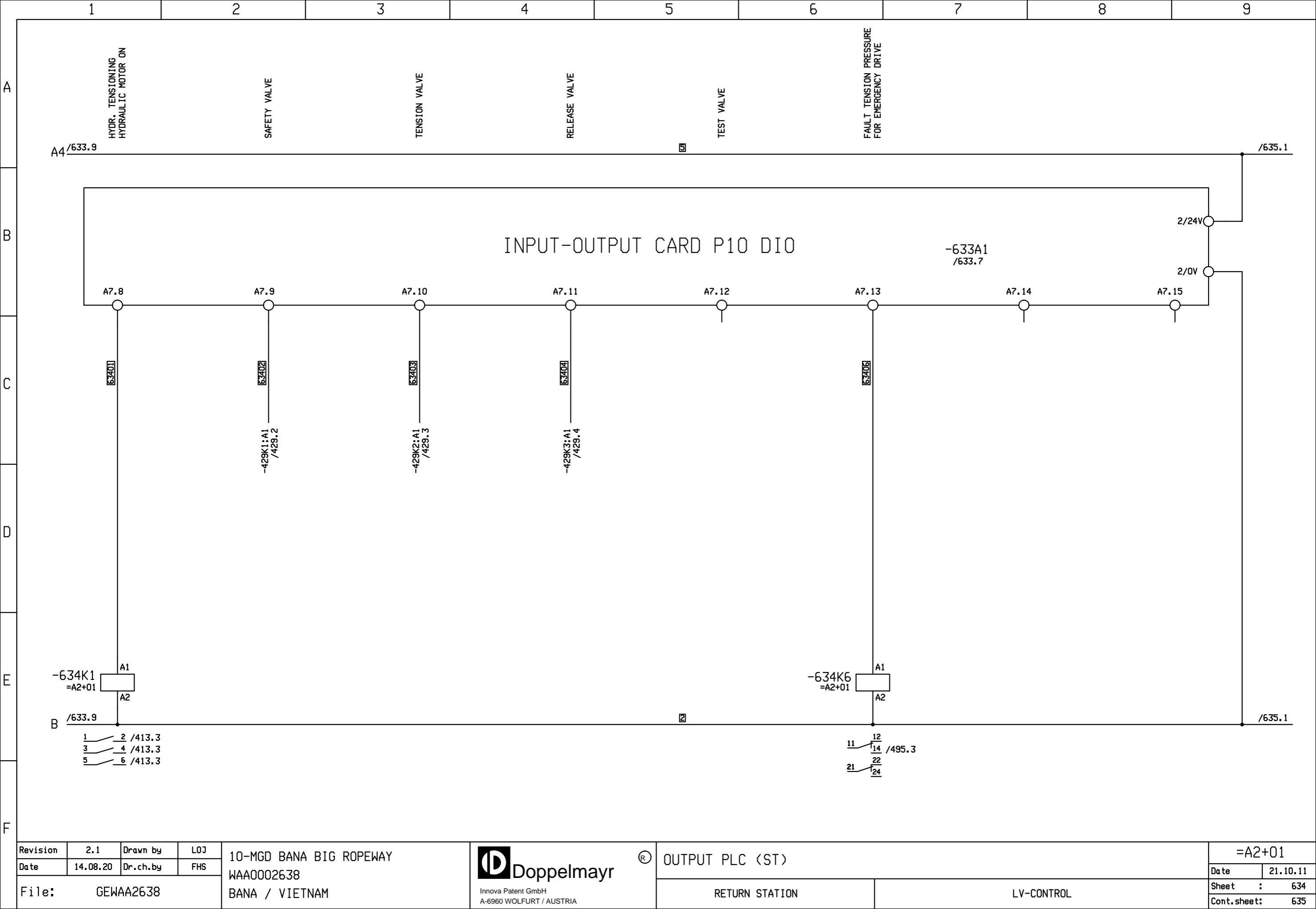
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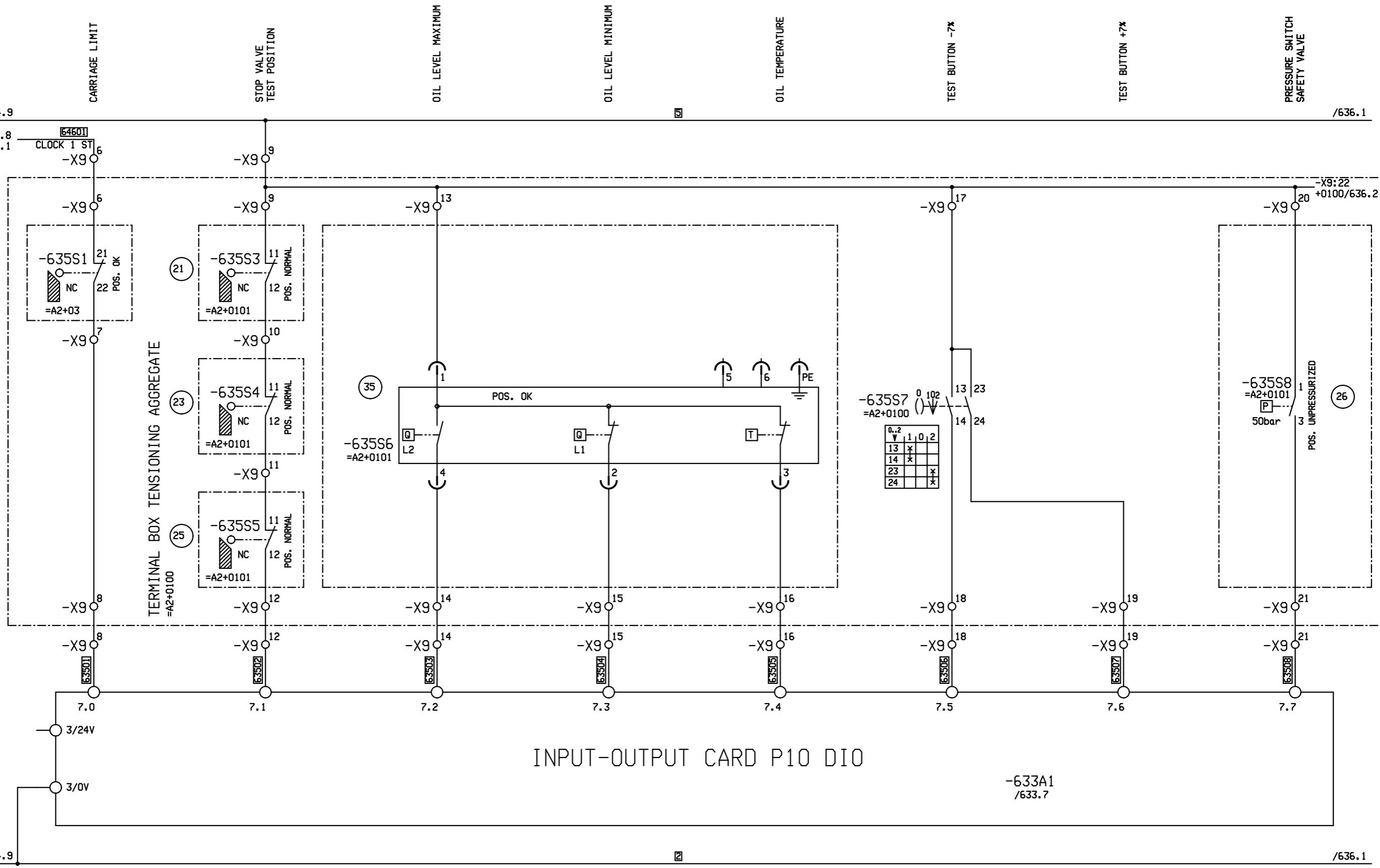
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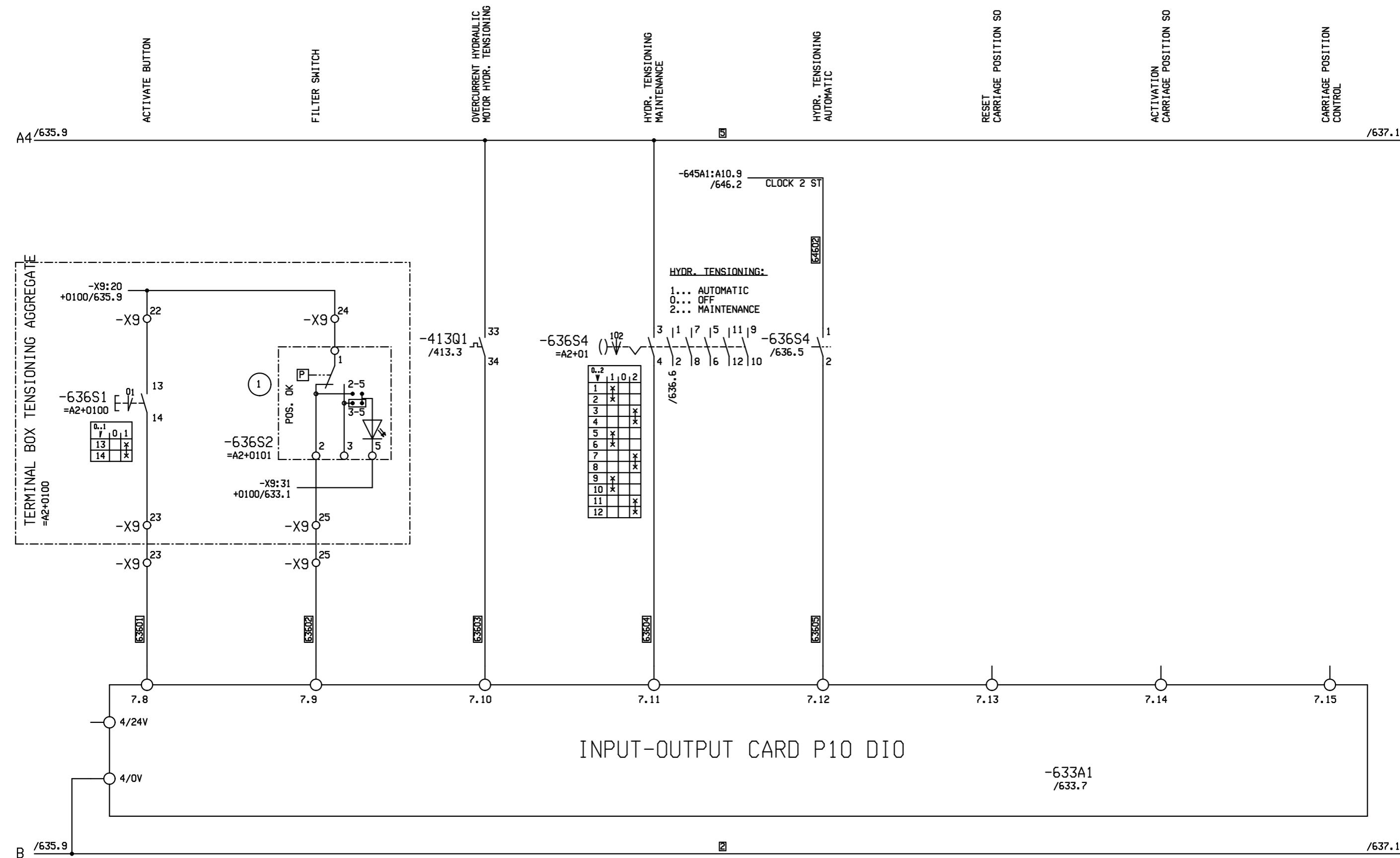
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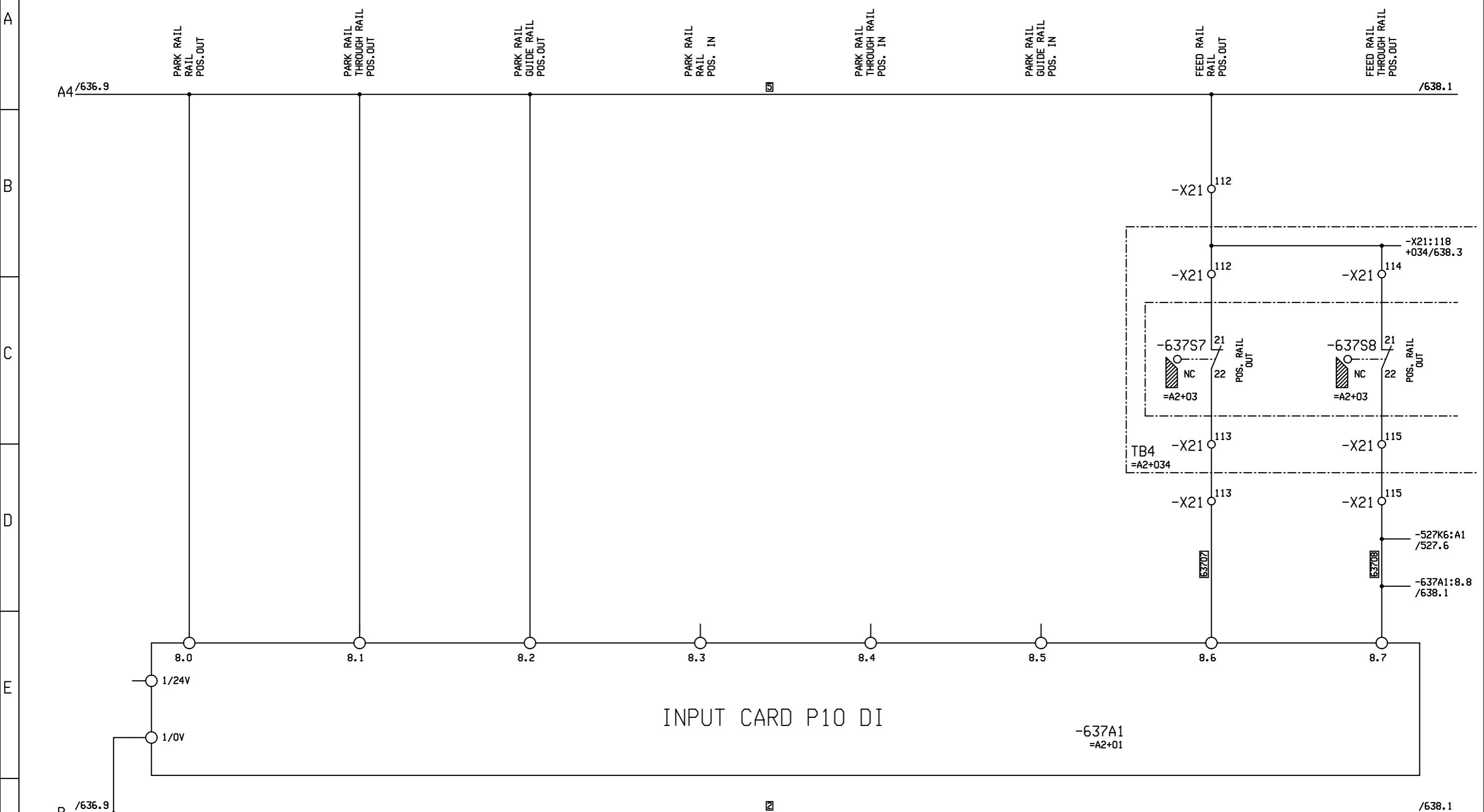




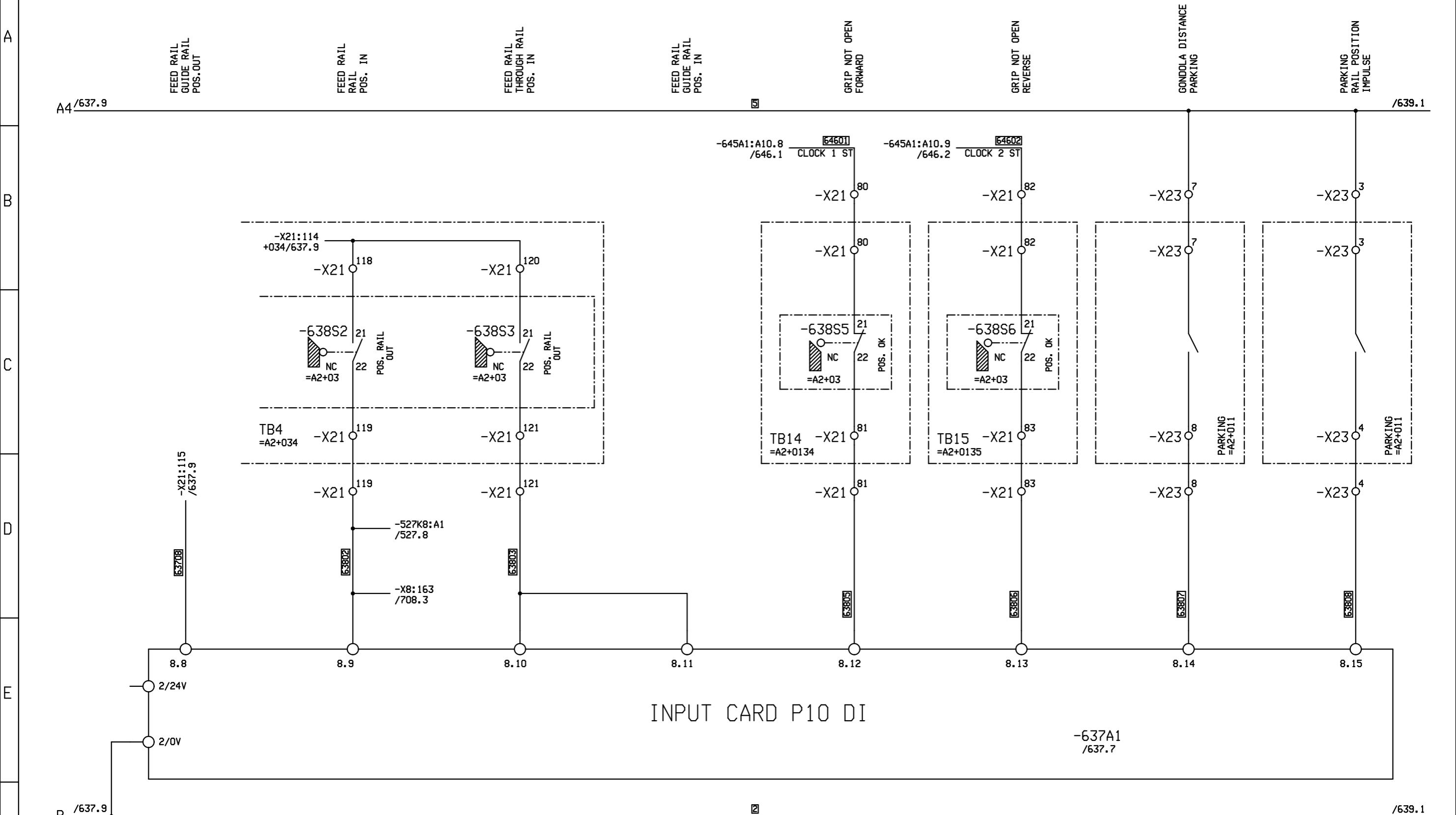




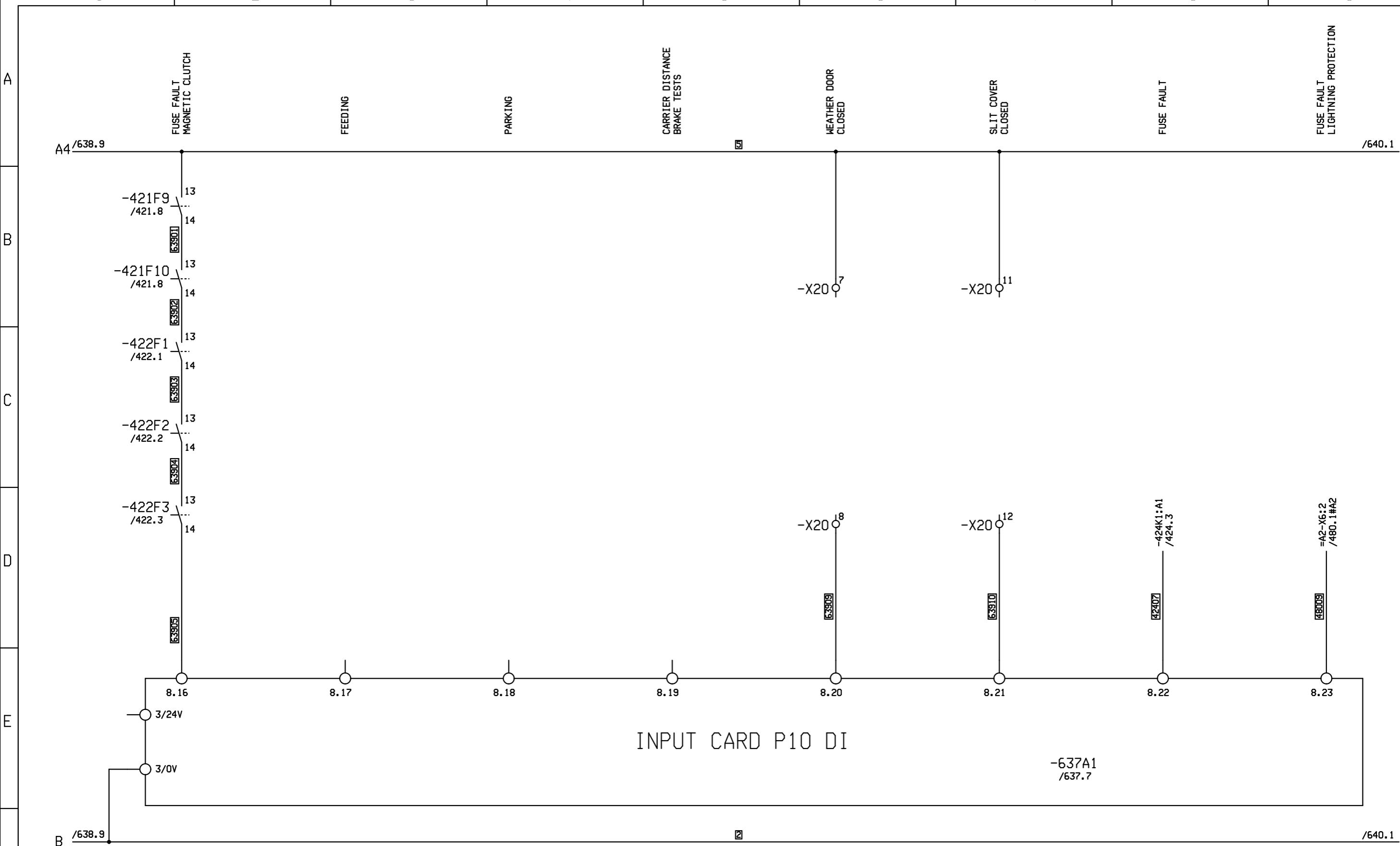
Revision	2.1	Drawn by	LOJ	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 Doppelmayr <sup>®</sup> Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	INPUT PLC (ST)		=A2+01
Date	14.08.20	Dr.ch.by	FHS			RETURN STATION		Sheet : 636
File:	GEWAA2638					LV-CONTROL		Cont.sheet: 637



Revision	2.1	Drawn by	LOJ
Date	14.08.20	Dr.ch.by	FHS
<b>10-MGD BANA BIG ROPEWAY</b>			
WAA0002638			
BANA / VIETNAM			

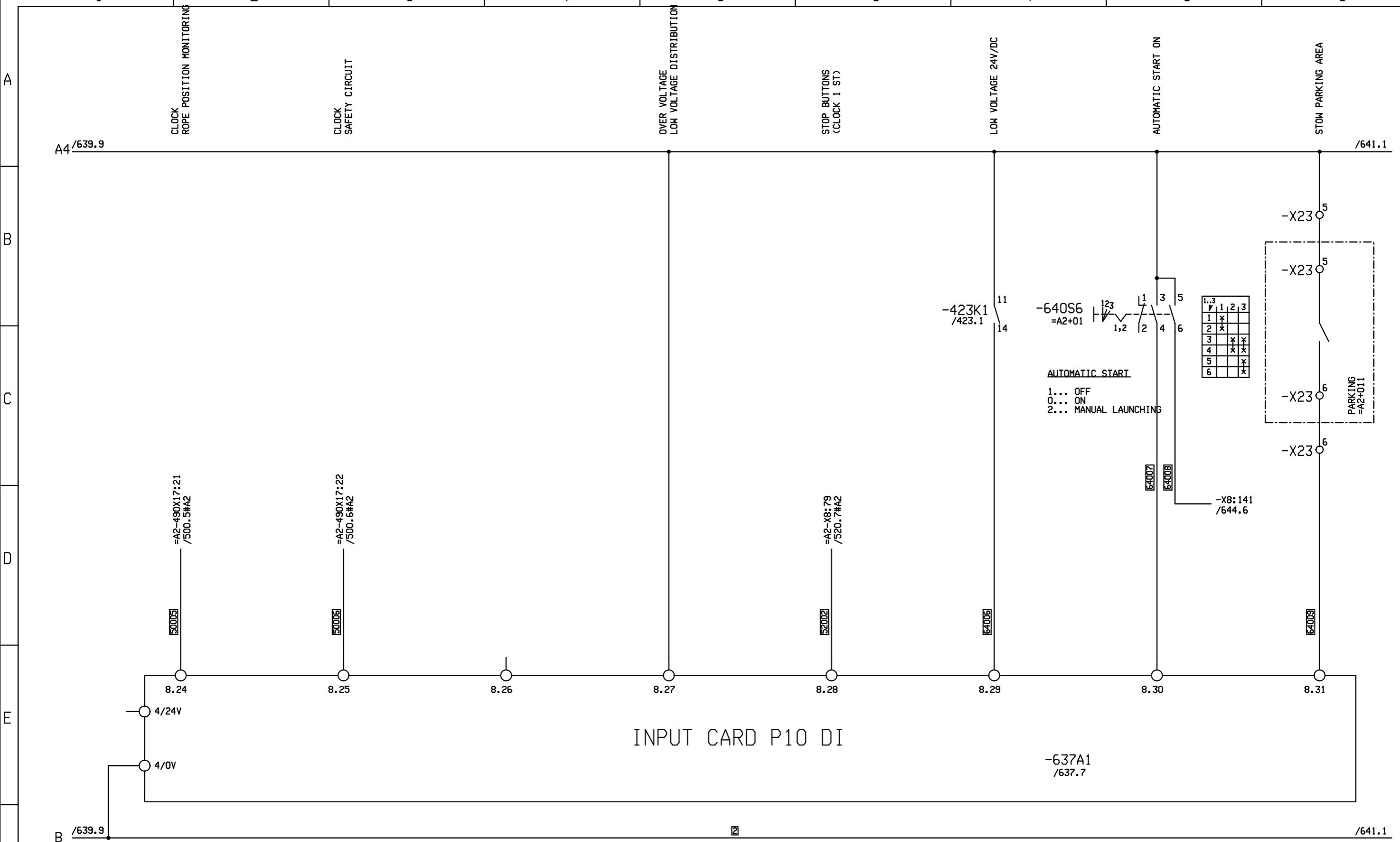


Revision	2.1	Drawn by	LOJ	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 Doppelmayr Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	=A2+01
Date	14.08.20	Dr.ch.by	FHS			Date 27.10.11
File:	GEWAA2638					Sheet : 638 Cont.sheet: 639



Revision	2.1	Drawn by	L0J	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 Doppelmayr Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	INPUT PLC (ST)	=A2+01
Date	14.08.20	Dr.ch.by	FHS				Date 16.03.11
File:	GEWAA2638						Sheet : 639 Cont.sheet: 640
RETURN STATION		LV-CONTROL					

1 2 3 4 5 6 7 8 9



Revision	2.1	Drawn by	L0J	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	Doppelmayr Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	INPUT PLC (ST)	=A2+01
Date	14.08.20	Dr.ch.by	FHS				Date 20.10.11
File:	GEWAA2638						Sheet : 640 Cont.sheet: 641

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A4 /640.9

FC MOTOR  
TERMINAL CONVEYOR  
ON / OFFKLIXON MOTOR TERMINAL  
CONVEYOROVERCURRENT FAN / BRAKE  
MOTOR TERMINAL CONVEYORFC MOTOR TERMINAL CONVEYOR  
TECHNICAL FAULT

⑤

/642.1

B

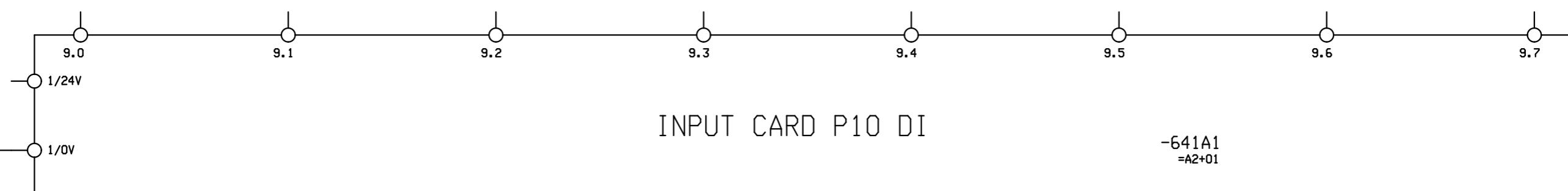
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B /640.9

/642.1



F

Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS

File: GEWAA2638

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM



Innova Patent GmbH  
A-6960 WOLFURT / AUSTRIA



INPUT PLC (ST)

RETURN STATION

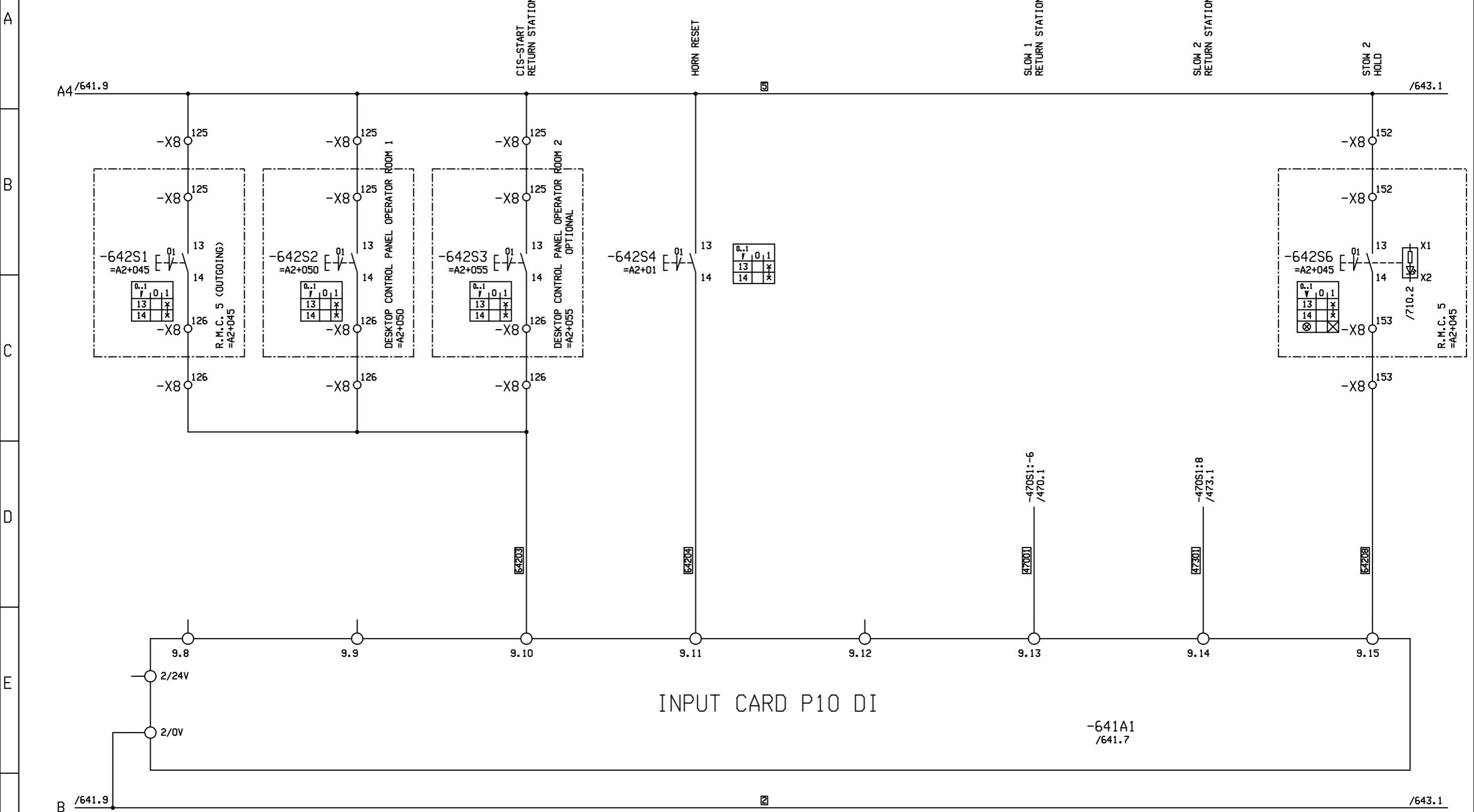
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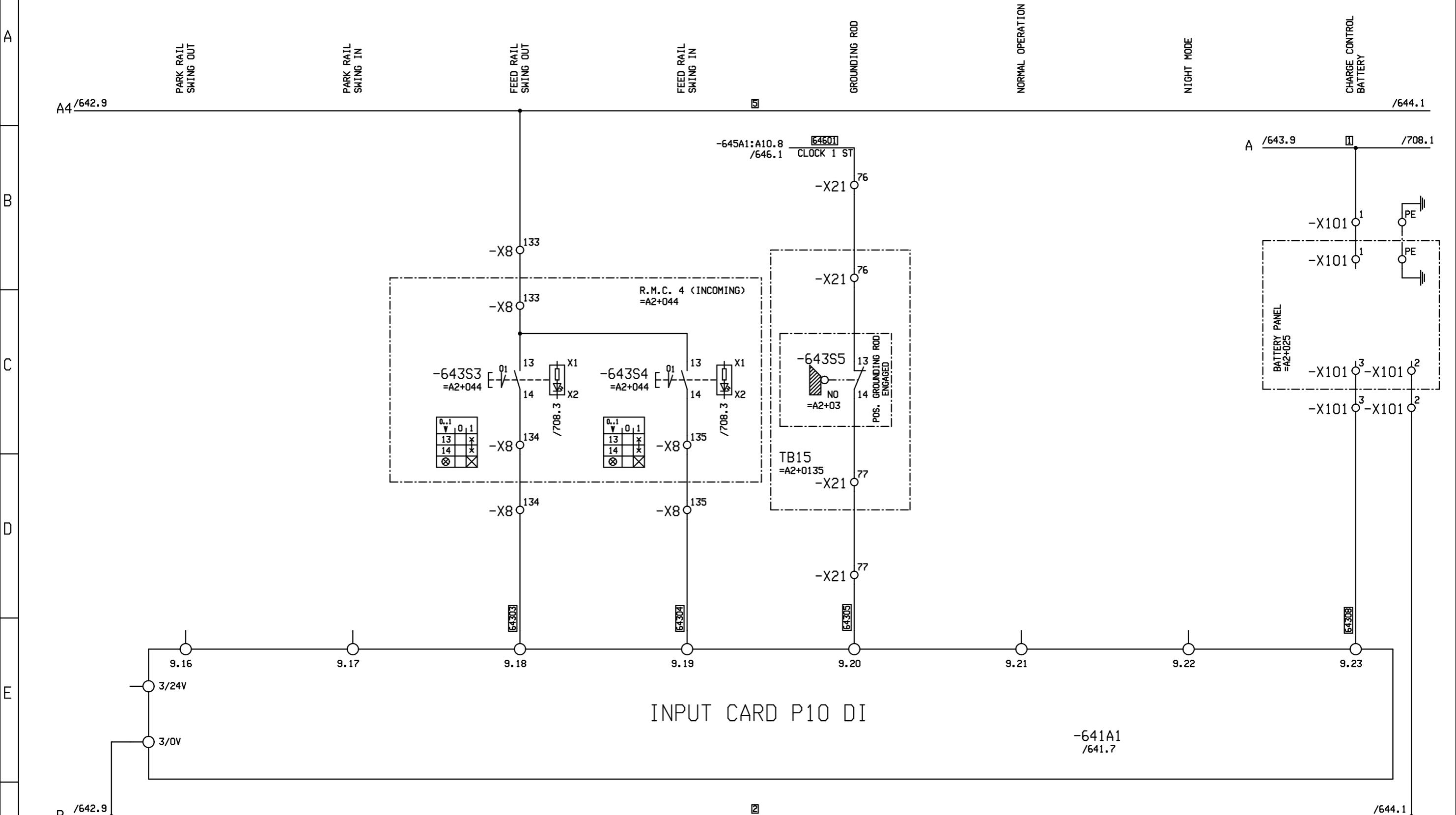
Date 16.03.11

Sheet : 641

Cont.sheet: 642



Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
File: GEWAA2638			=A2+01
10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM			Date 05.07.11



Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
File: GEWAA2638			

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM



INPUT PLC (ST)

RETURN STATION

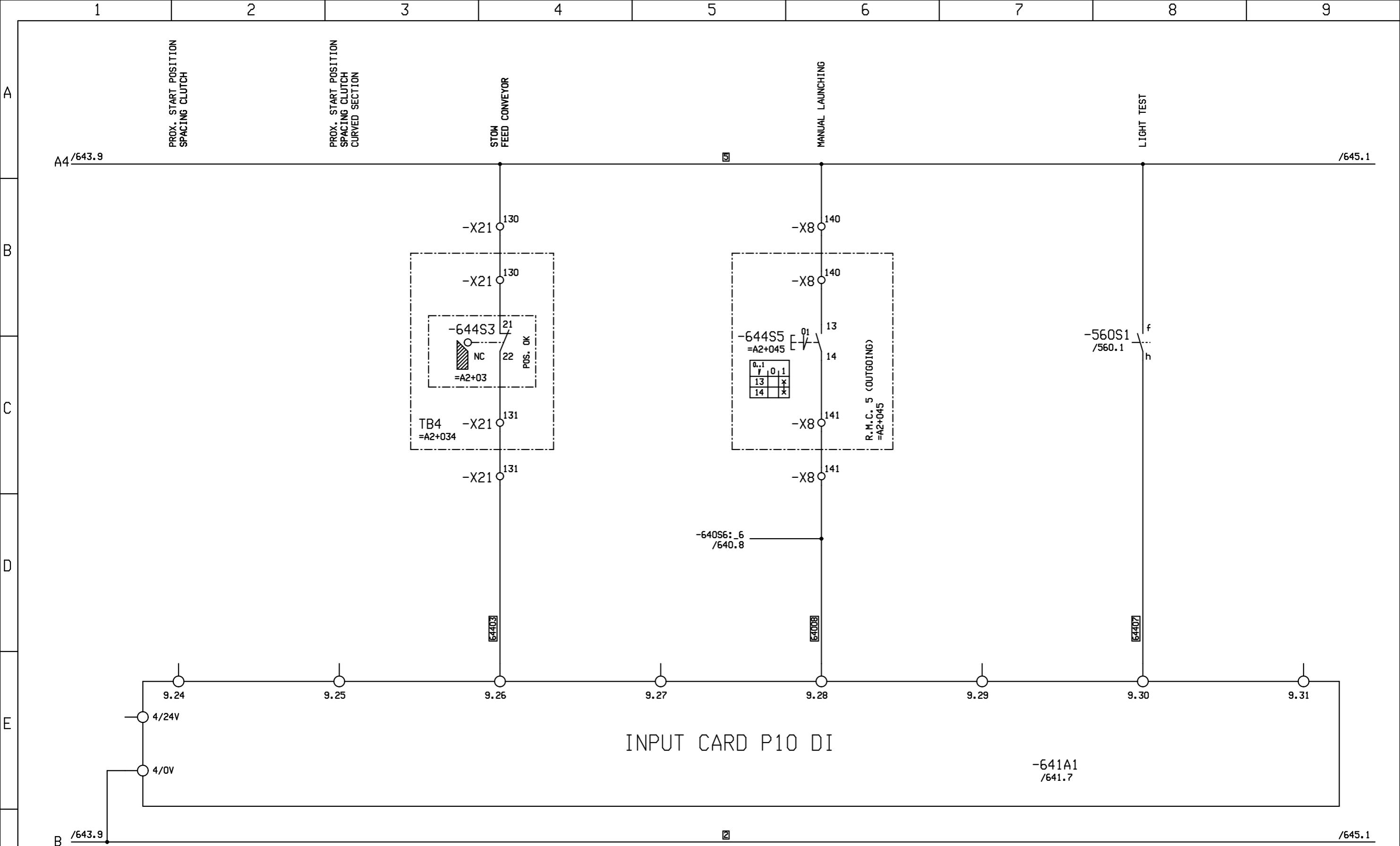
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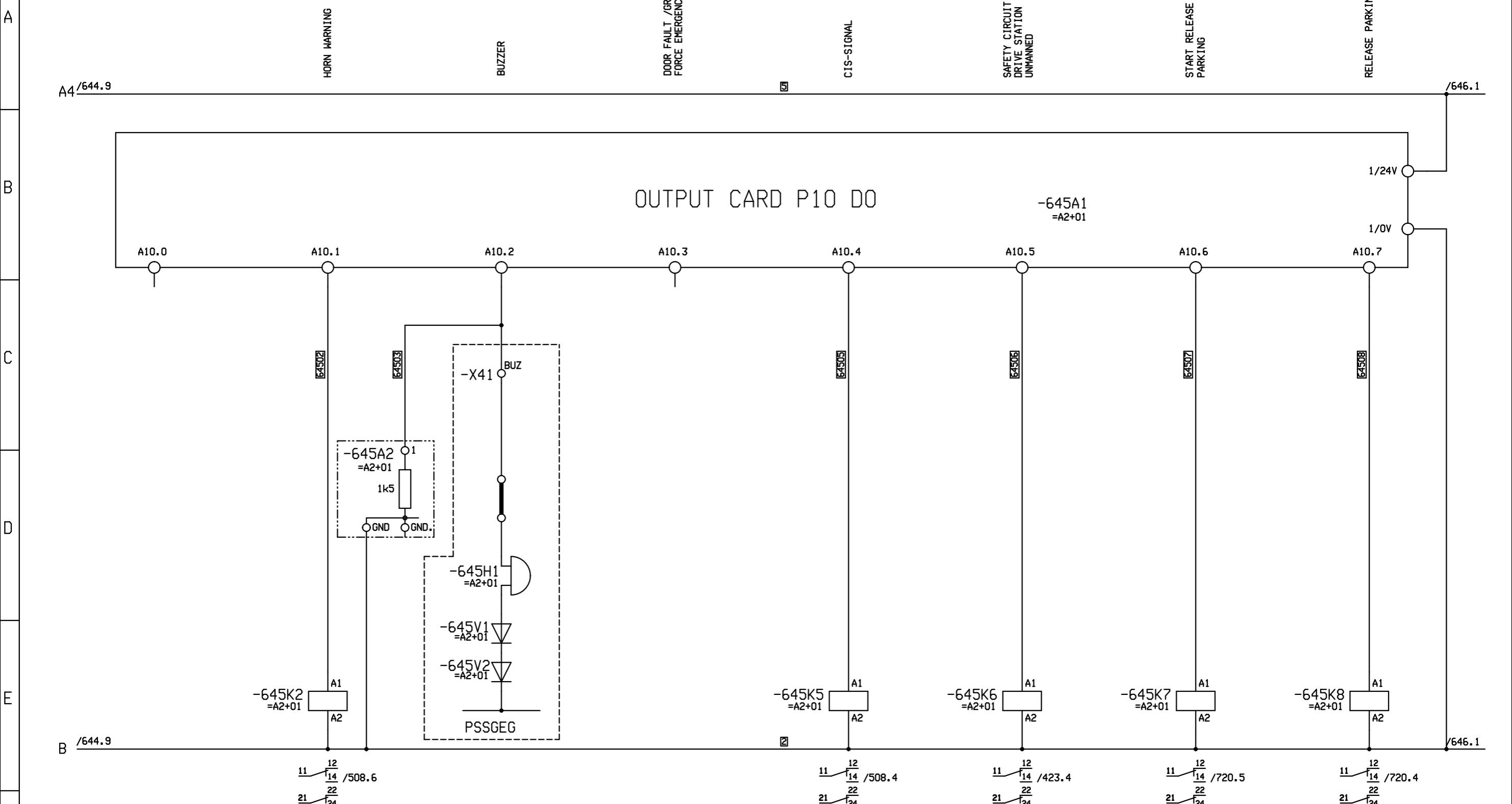
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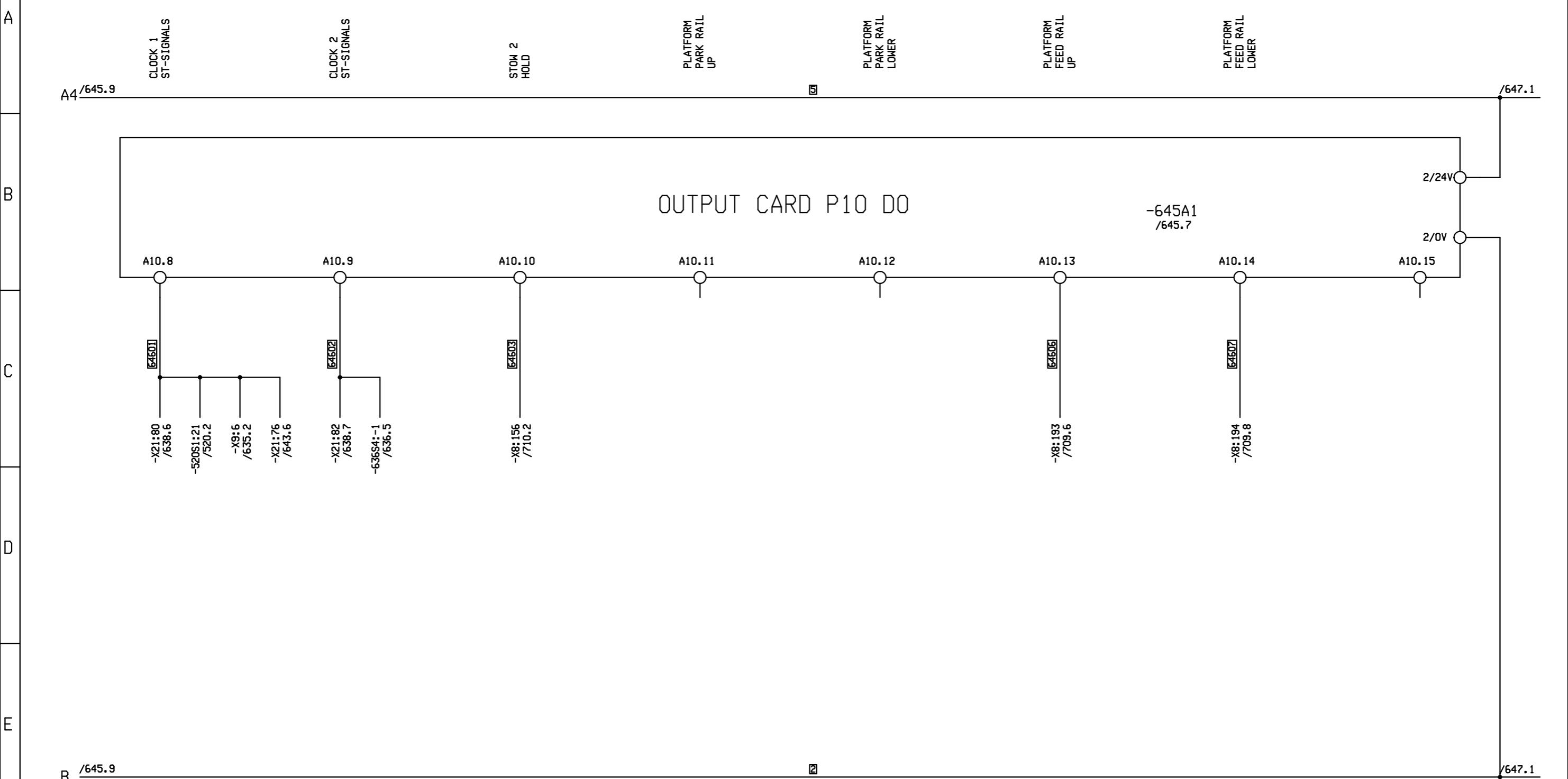
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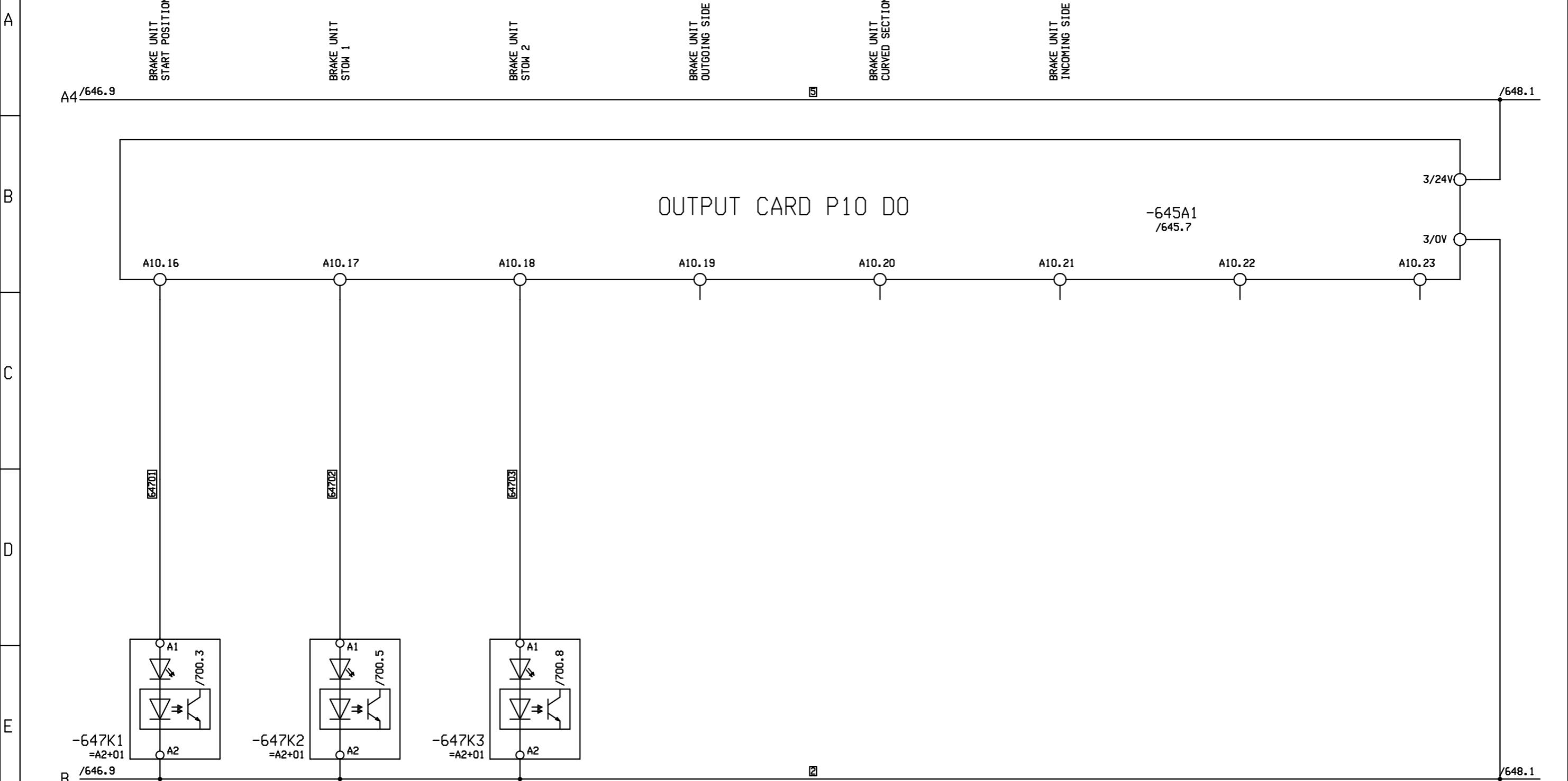
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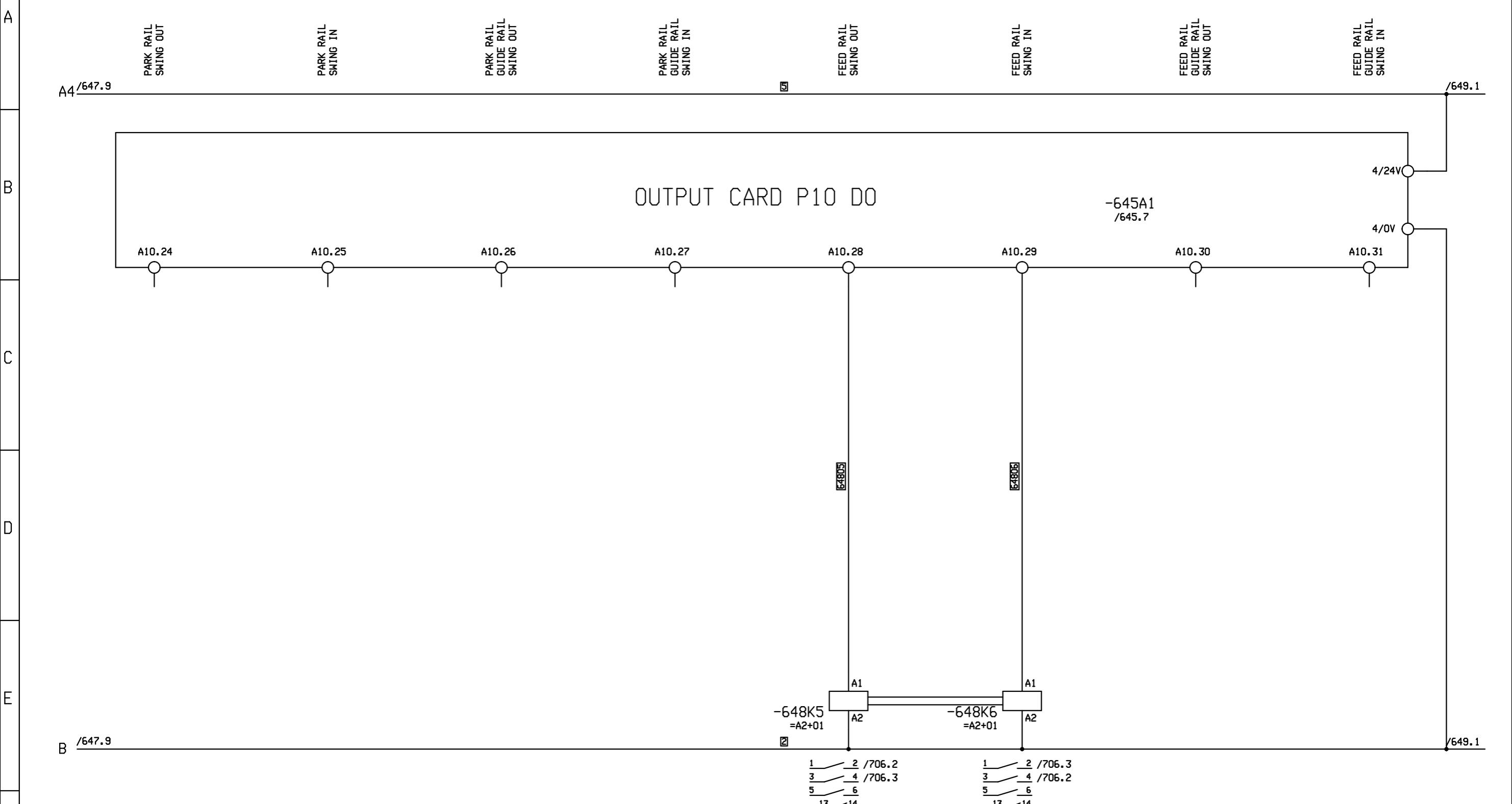


Revision	2.1	Drawn by	L0J	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	Doppelmayr Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	OUTPUT PLC (ST)	=A2+01
Date	14.08.20	Dr.ch.by	FHS				Date 05.07.11
File:	GEWAA2638						Sheet : 645 Cont.sheet: 646
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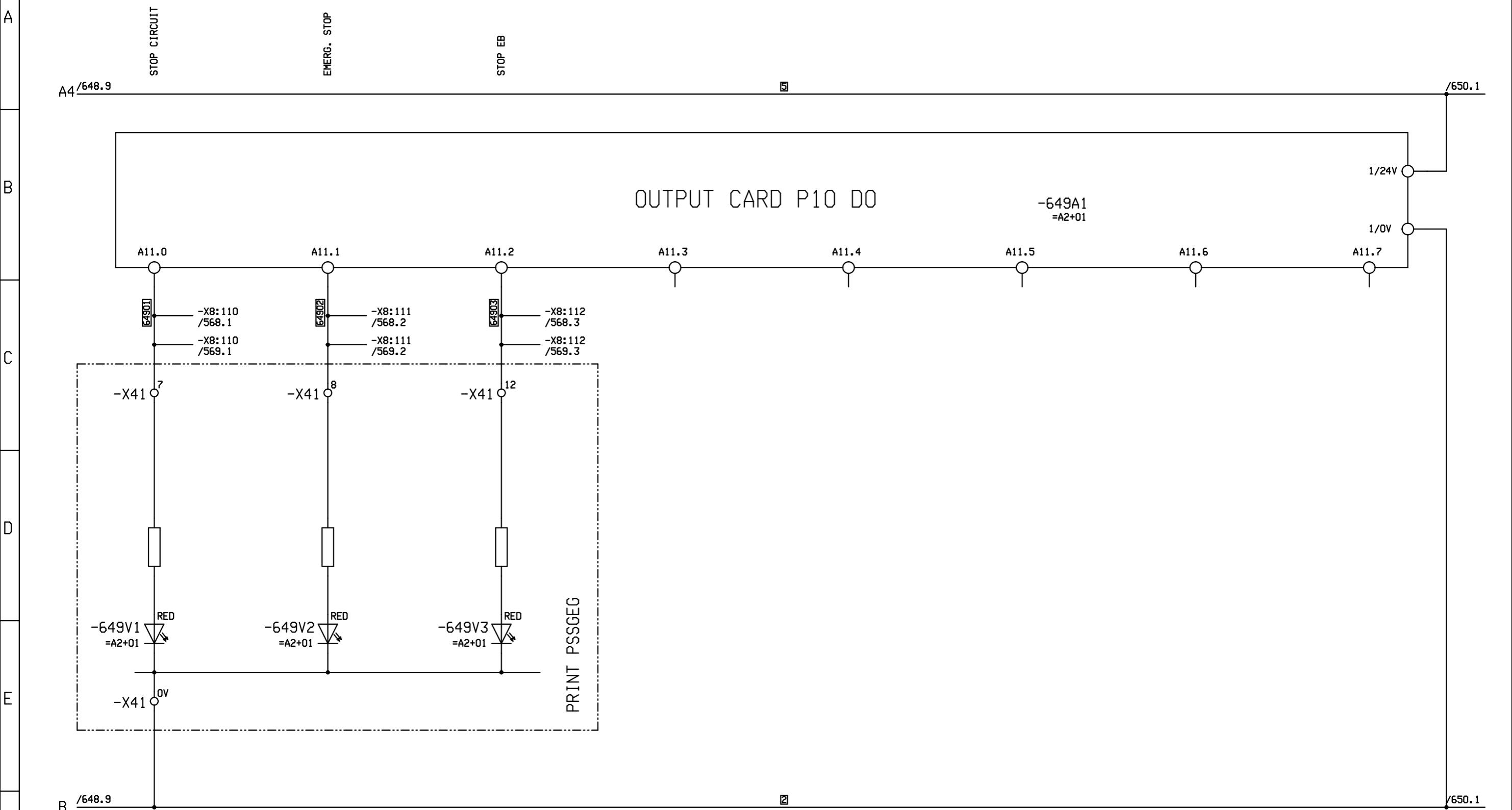




Revision	2.1	Drawn by	L0J	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 Doppelmayr Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	® OUTPUT PLC (ST)	=A2+01
Date	14.08.20	Dr.ch.by	FHS				Date 16.03.11
File:	GEWAA2638						Sheet : 647 Cont.sheet: 648



Revision	2.1	Drawn by	L0J	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 Doppelmayr Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	OUTPUT PLC (ST)	=A2+01
Date	14.08.20	Dr.ch.by	FHS				Date 05.07.11
File:	GEWAA2638						Sheet : 648 Cont.sheet: 649



Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
<b>File: GEWAA2638</b>			

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM

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A4 /649.9

ACTIVATION FEEDBACK

OPERATIONAL CHECK

WEATHER DOOR  
SLIT COVER  
LIFTWEATHER DOOR  
SLIT COVER  
LOWER

/651.1



B

B /649.9

2

/651.1

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Revision	2.1	Drawn by	LOJ
Date	14.08.20	Dr.ch.by	FHS
File: GEWAA2638			

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM

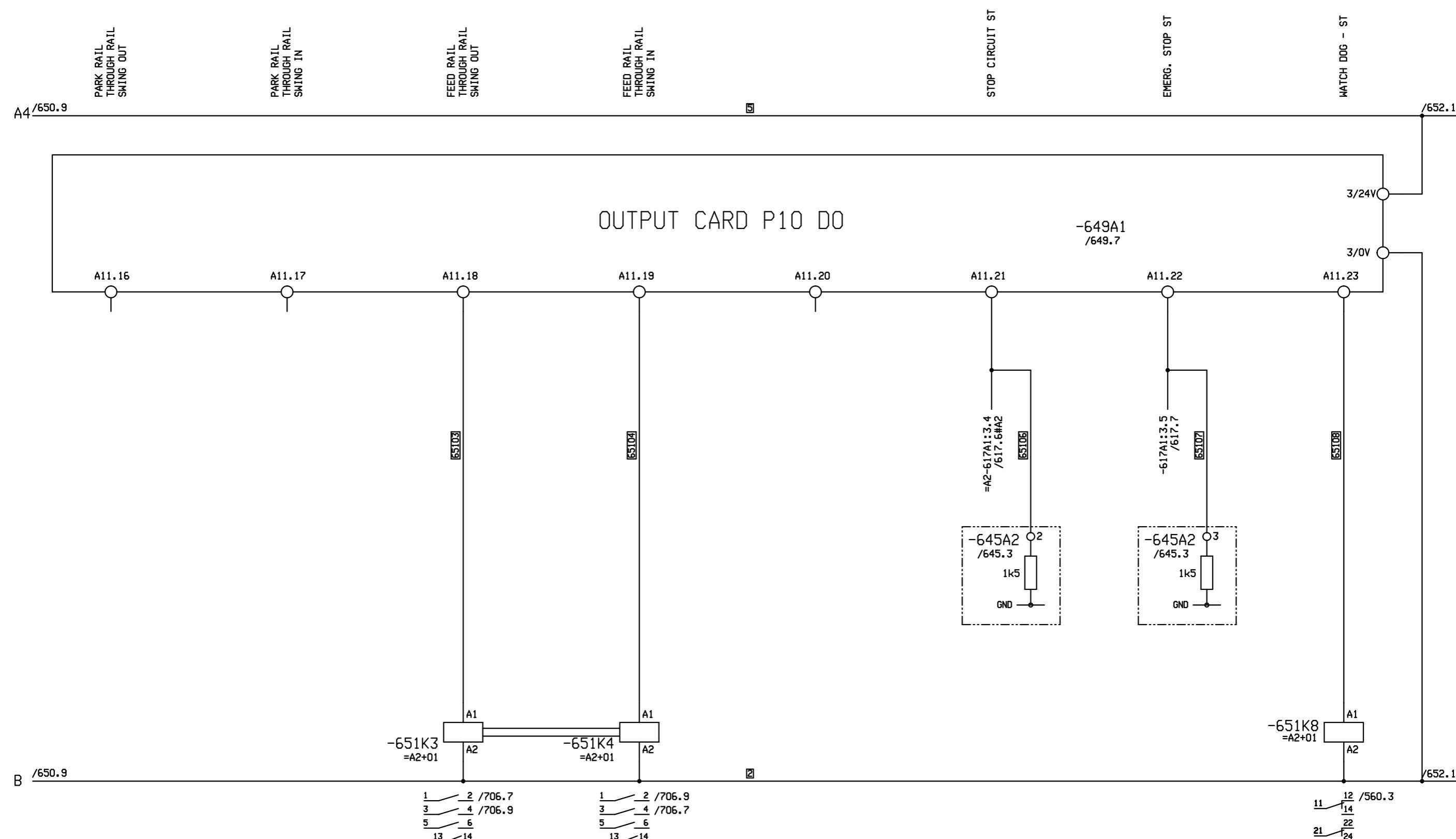


OUTPUT PLC (ST)

RETURN STATION

LV-CONTROL

=A2+01  
Date 16.03.11  
Sheet : 650  
Cont.sheet: 651



Revision	2.1	Drawn by	LOJ	10- WAA BAN
Date	14.08.20	Dr.ch.by	FHS	
File: GEWAA2638				

10-MGD BANA BIG ROPEWA  
WAA0002638  
BANA / VIETNAM



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A-6960 WOLFURT / AUSTRIA

⑧ OUTPUT PLC (ST)

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RETURN STATION

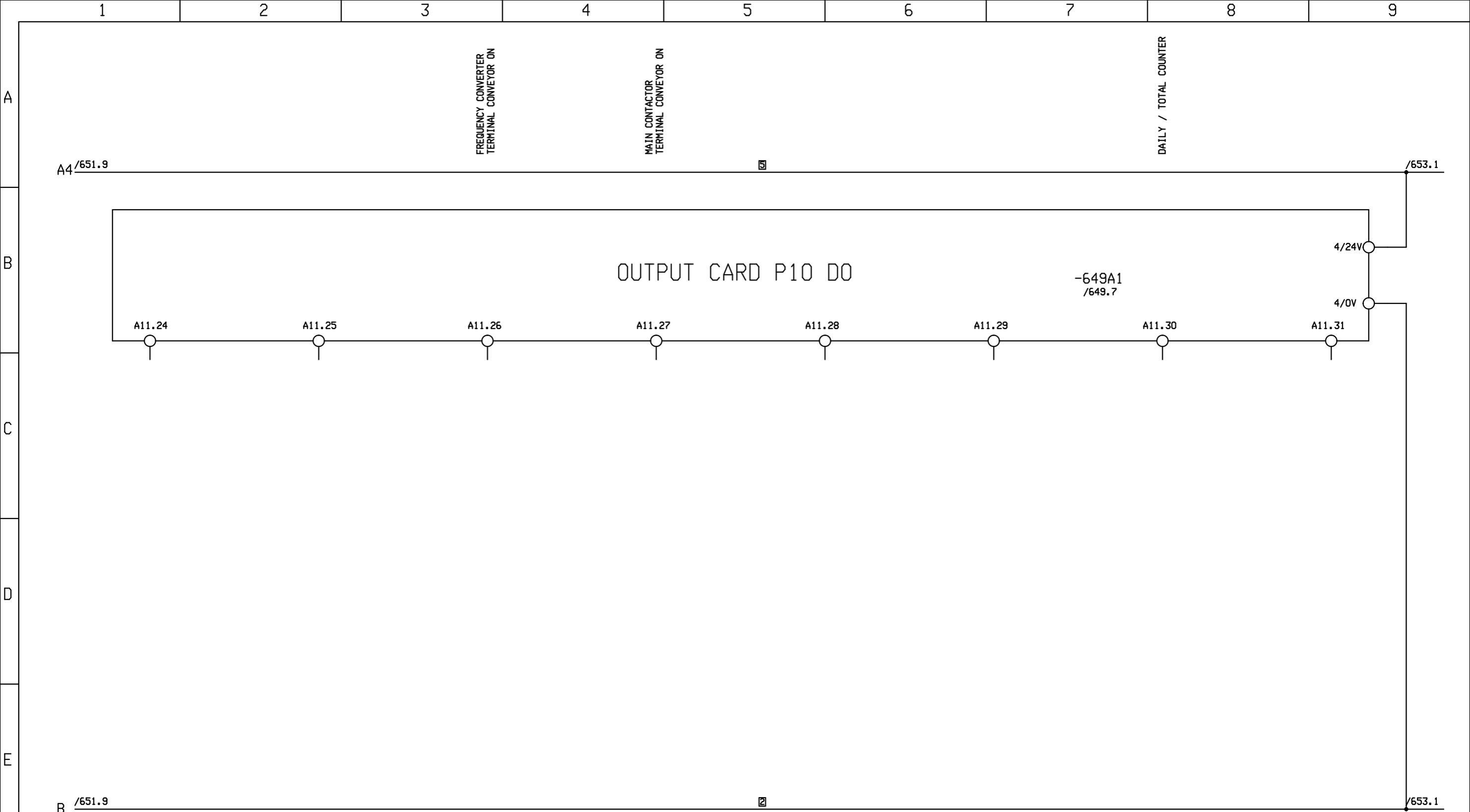
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meet : 65

front sheet: 651



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A4/652.9

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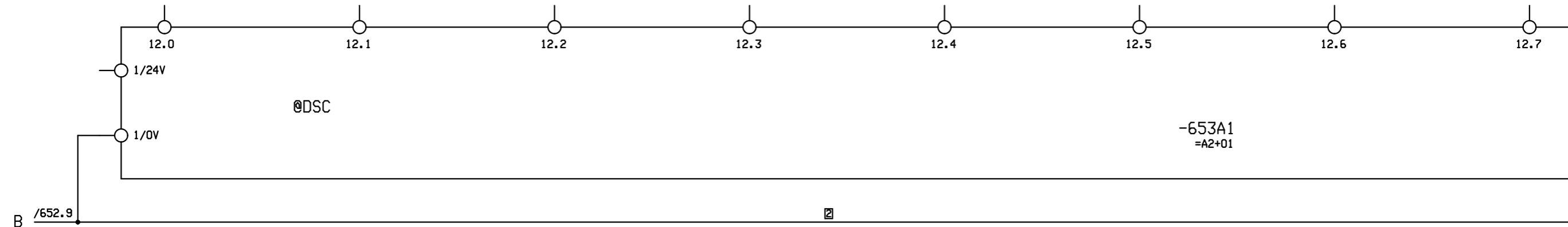
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Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS

File: GEWAA2638

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM



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A-6960 WOLFURT / AUSTRIA

INPUT PLC (ST)		=A2+01
RETURN STATION		Date : 20.10.11
	LV-CONTROL	Sheet : 653
		Cont.sheet: 654

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A4 /653.9

PLATFORM  
PARK RAIL  
UP  
MOTOR 1PLATFORM  
PARK RAIL  
UP  
MOTOR 2PLATFORM  
PARK RAIL  
LOWER  
MOTOR 1PLATFORM  
PARK RAIL  
LOWER  
MOTOR 2PLATFORM  
PARK RAIL  
UP  
MOTOR 3PLATFORM  
PARK RAIL  
UP  
MOTOR 4PLATFORM  
PARK RAIL  
LOWER  
MOTOR 3

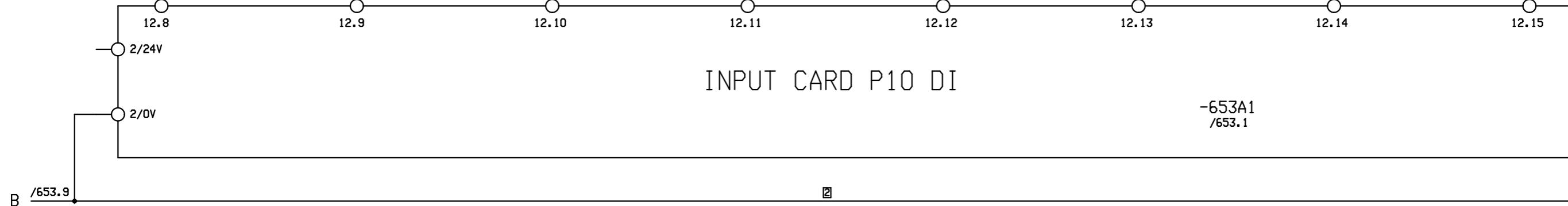
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B

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Revision	2.1	Drawn by	L0J	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 Doppelmayr Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	=A2+01		
Date	14.08.20	Dr.ch.by	FHS			Date 20.10.11		
File:	GEWAA2638					Sheet : 654		
		RETURN STATION		LV-CONTROL		Cont.sheet: 655		

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A4 @PXR

PLATFORM  
FEED RAIL  
UP  
MOTOR 1PLATFORM  
FEED RAIL  
UP  
MOTOR 2PLATFORM  
FEED RAIL  
LOWER  
MOTOR 1PLATFORM  
FEED RAIL  
LOWER  
MOTOR 2PLATFORM  
FEED RAIL  
UP  
MOTOR 3PLATFORM  
FEED RAIL  
UP  
MOTOR 4PLATFORM  
FEED RAIL  
LOWER  
MOTOR 3

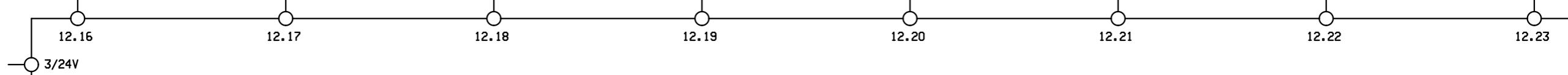
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-X55:43  
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F

Revision 2.1 Drawn by LOJ

Date 14.08.20 Dr.ch.bv FHS

10-MGD BANA BIG ROPEWAY

WAA0002638

BANA / VIETNAM

Innova Patent GmbH  
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INPUT PLC (ST)

RETURN STATION

LV-CONTROL

=A2+01

Date 20.10.11

Sheet : 655

Cont.sheet: 655

File: GEWAA2638

A

A4 /655.9

PLATFORM  
THROUGH MODEPLATFORM  
THROUGH MODE

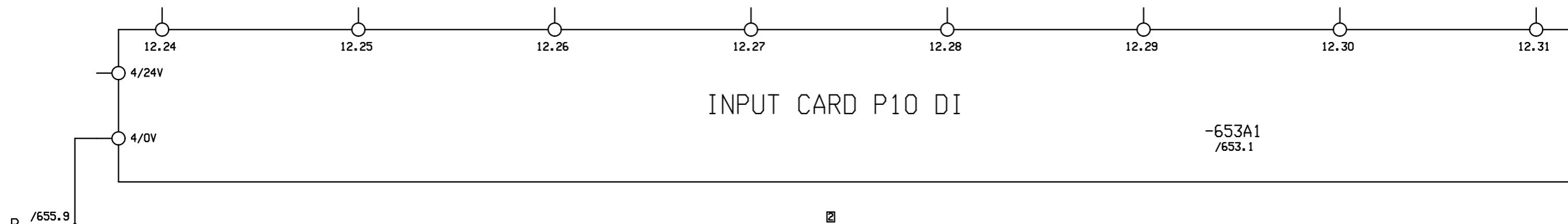
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B

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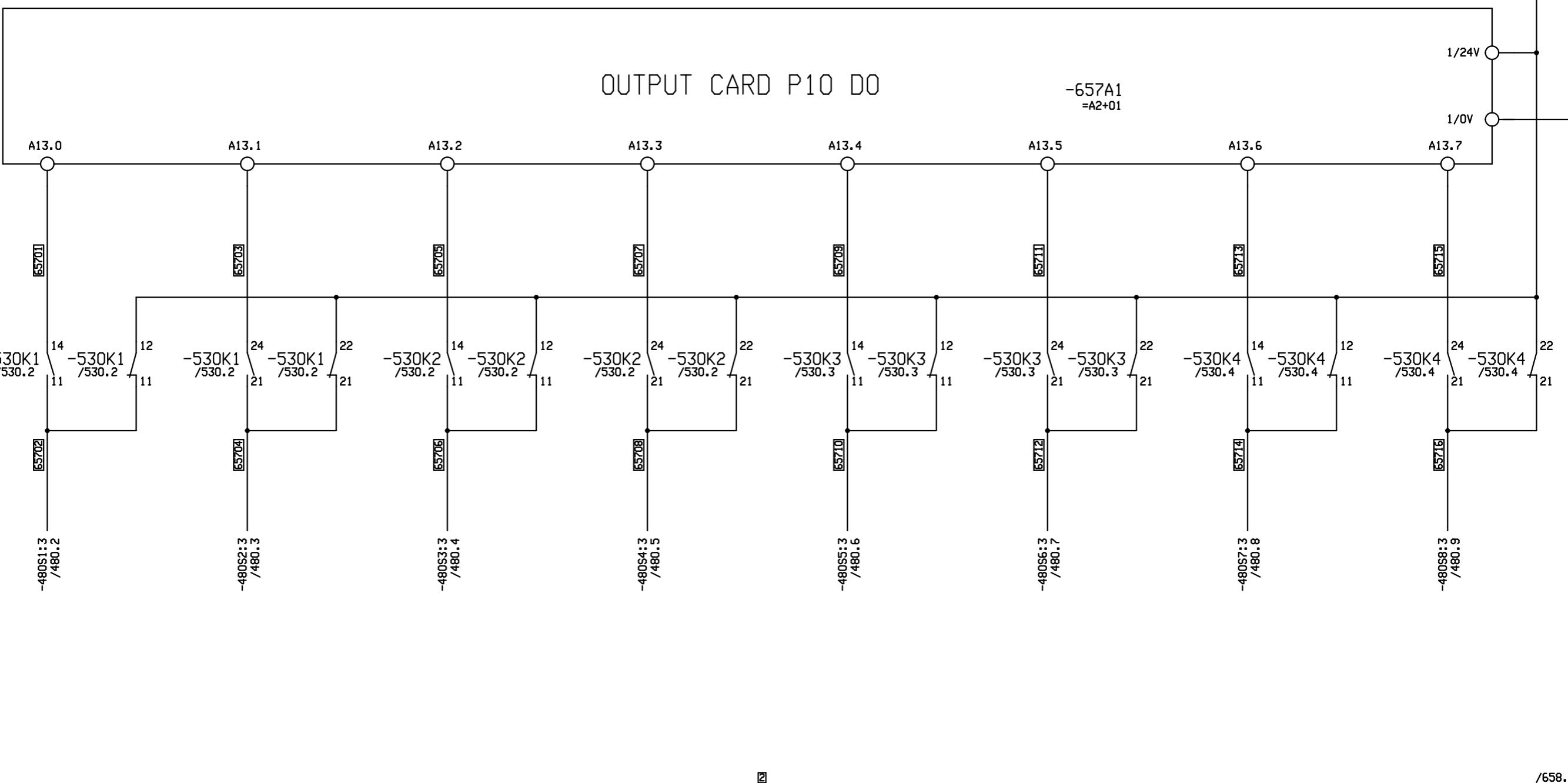
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Date	14.08.20	Dr.ch.by	FHS			Date 20.10.11	
File:	GEWAA2638					Sheet : 656 Cont.sheet: 657	
		INPUT PLC (ST)		RETURN STATION		LV-CONTROL	

A

SUPPLY ROPE POSITION  
MONITORING TOWER 1SUPPLY ROPE POSITION  
MONITORING TOWER 2SUPPLY ROPE POSITION  
MONITORING TOWER 3SUPPLY ROPE POSITION  
MONITORING TOWER 4SUPPLY ROPE POSITION  
MONITORING TOWER 5SUPPLY ROPE POSITION  
MONITORING TOWER 6SUPPLY ROPE POSITION  
MONITORING TOWER 7SUPPLY ROPE POSITION  
MONITORING TOWER 8

A4 /656.9

/658.1



Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM



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OUTPUT PLC (ST)

File: GEWAA2638

RETURN STATION

LV-CONTROL

=A2+01

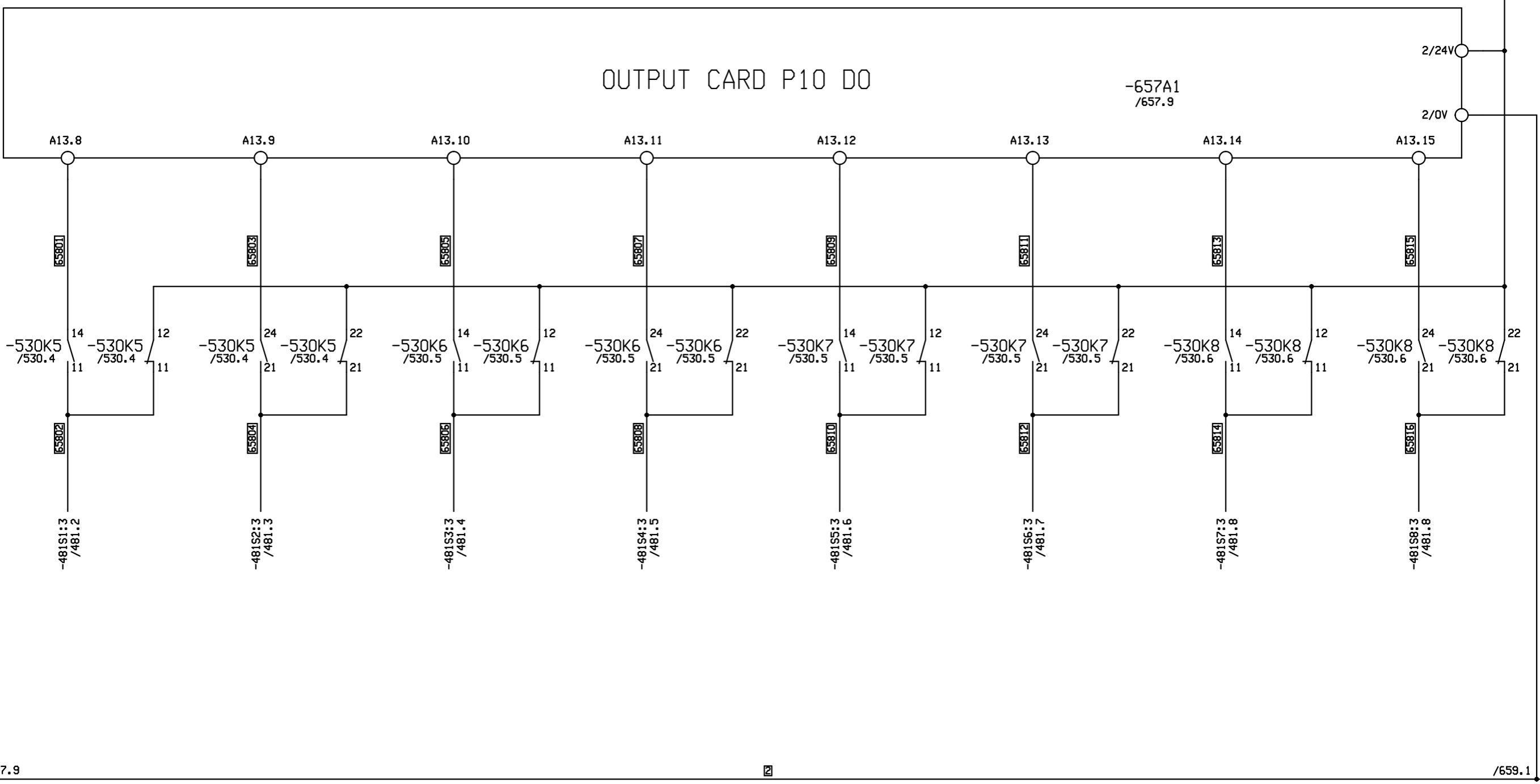
Date 21.10.11

Sheet : 657

Cont.sheet: 658

F

A

SUPPLY ROPE POSITION  
MONITORING TOWER 9  
  
A4 /657.9SUPPLY ROPE POSITION  
MONITORING TOWER 10  
  
A4 /657.9SUPPLY ROPE POSITION  
MONITORING TOWER 11  
  
A4 /657.9SUPPLY ROPE POSITION  
MONITORING TOWER 12  
  
A4 /657.9SUPPLY ROPE POSITION  
MONITORING TOWER 13  
  
A4 /657.9SUPPLY ROPE POSITION  
MONITORING TOWER 14  
  
A4 /657.9SUPPLY ROPE POSITION  
MONITORING TOWER 15  
  
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MONITORING TOWER 16  
  
A4 /657.9

B

B /657.9

/659.1

C

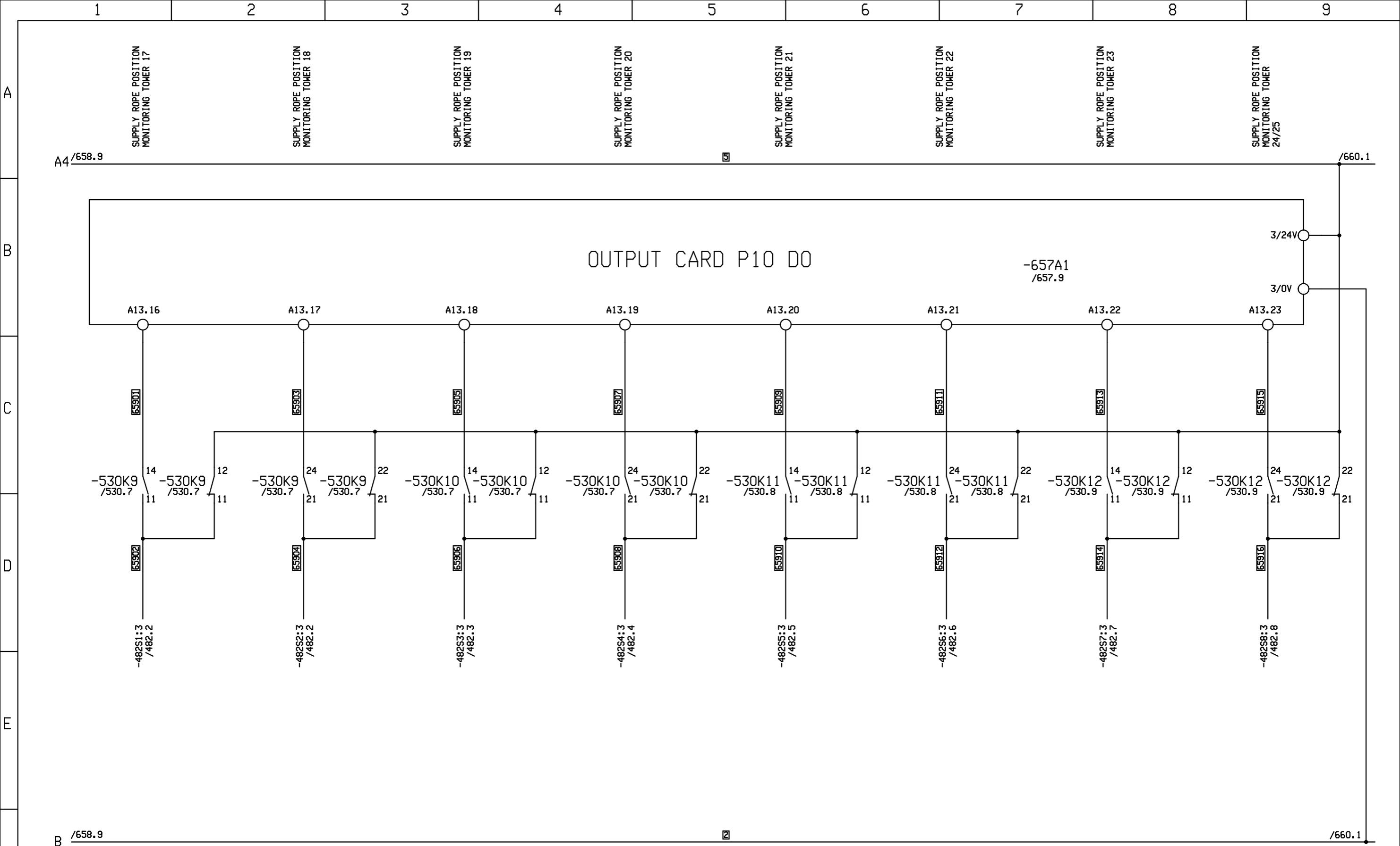
D

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G

Revision	2.1	Drawn by	L0J	10-MGD BANA BIG ROPEWAY WAA0002638 BANA / VIETNAM	 Doppelmayr Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	OUTPUT PLC (ST)  RETURN STATION	=A2+01
Date	14.08.20	Dr.ch.by	FHS				Date 21.10.11
File:	GEWAA2638						Sheet : 658 Cont.sheet: 659



Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
<b>10-MGD BANA BIG ROPEWAY</b>			
WAA0002638			
BANA / VIETNAM			
File: GEWAA2638			

A

A4 /659.9

5

@PXR



B

B /659.9

2

/700.1

C

D

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Revision	2.1	Drawn by	LOJ
Date	14.08.20	Dr.ch.by	FHS
File: GEWAA2638			

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM



OUTPUT PLC (ST)		=A2+01
		Date 16.03.11
RETURN STATION	LV-CONTROL	Sheet : 660
		Cont.sheet: 661

A

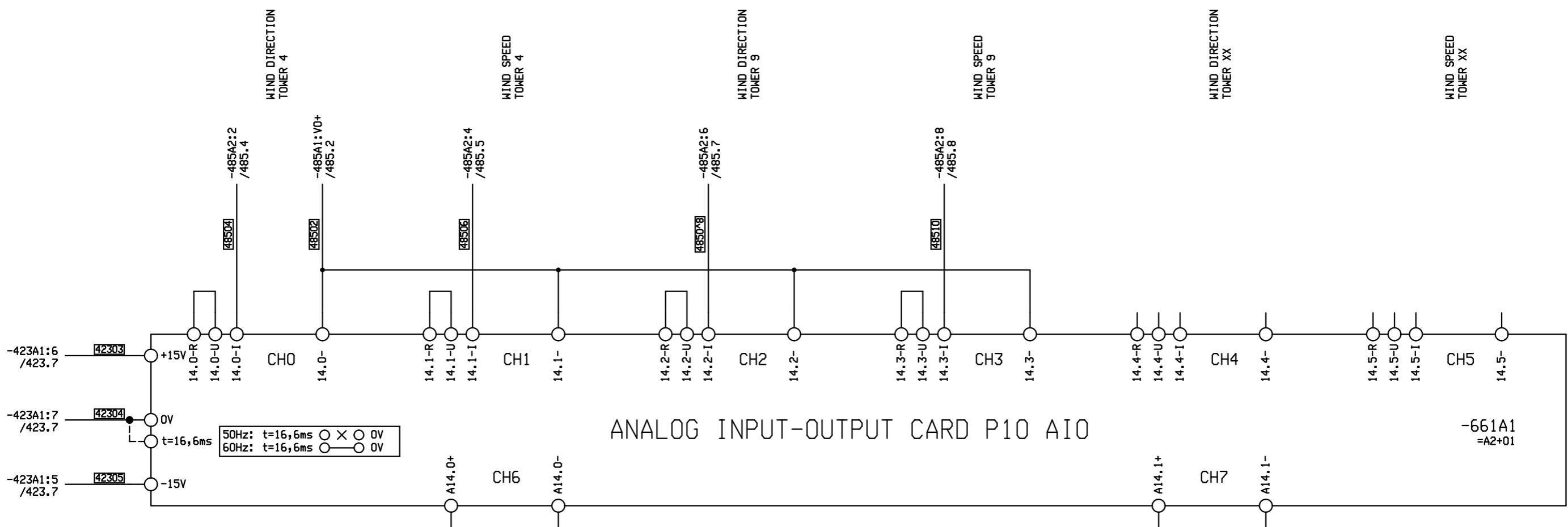
B

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Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS

10-MGD BANA BIG ROPEWAY

WAA0002638

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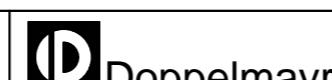
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Date 14.08.20

Sheet : 661

Cont.sheet: 700

File: GEWAA2638

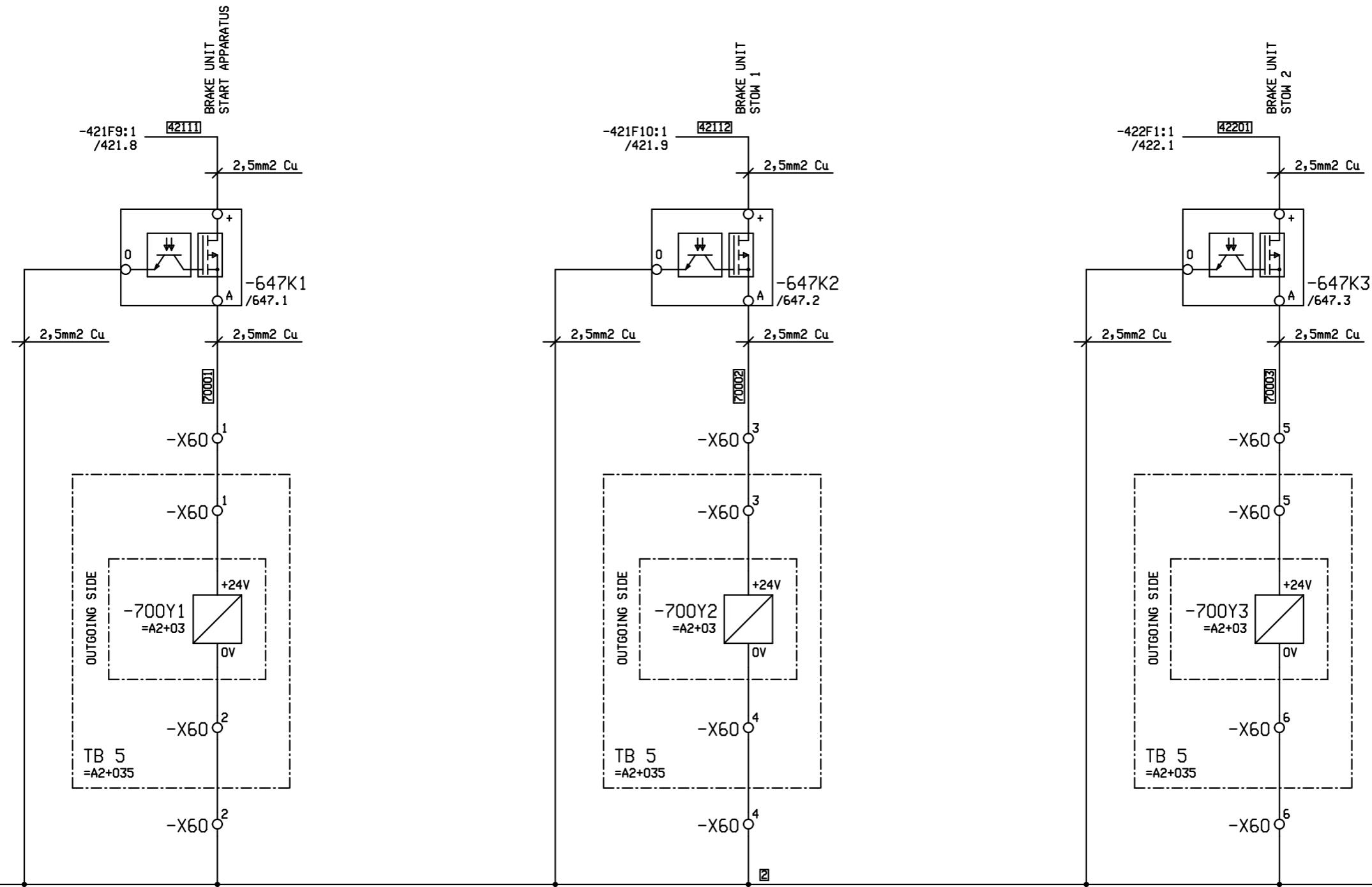
Innova Patent GmbH  
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ANALOG IN/OUTPUT PLC (ST)

RETURN STATION

LV-CONTROL

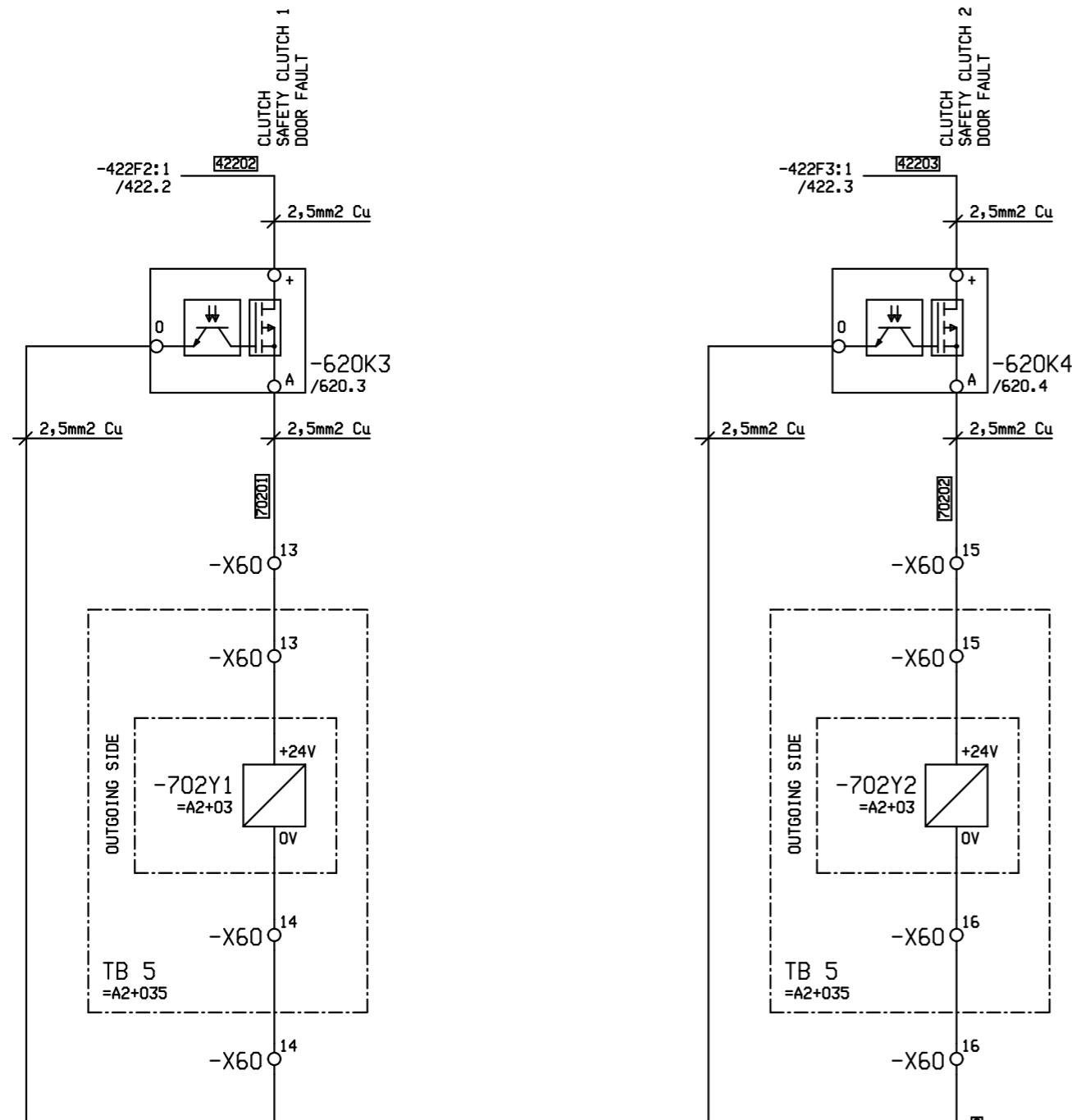
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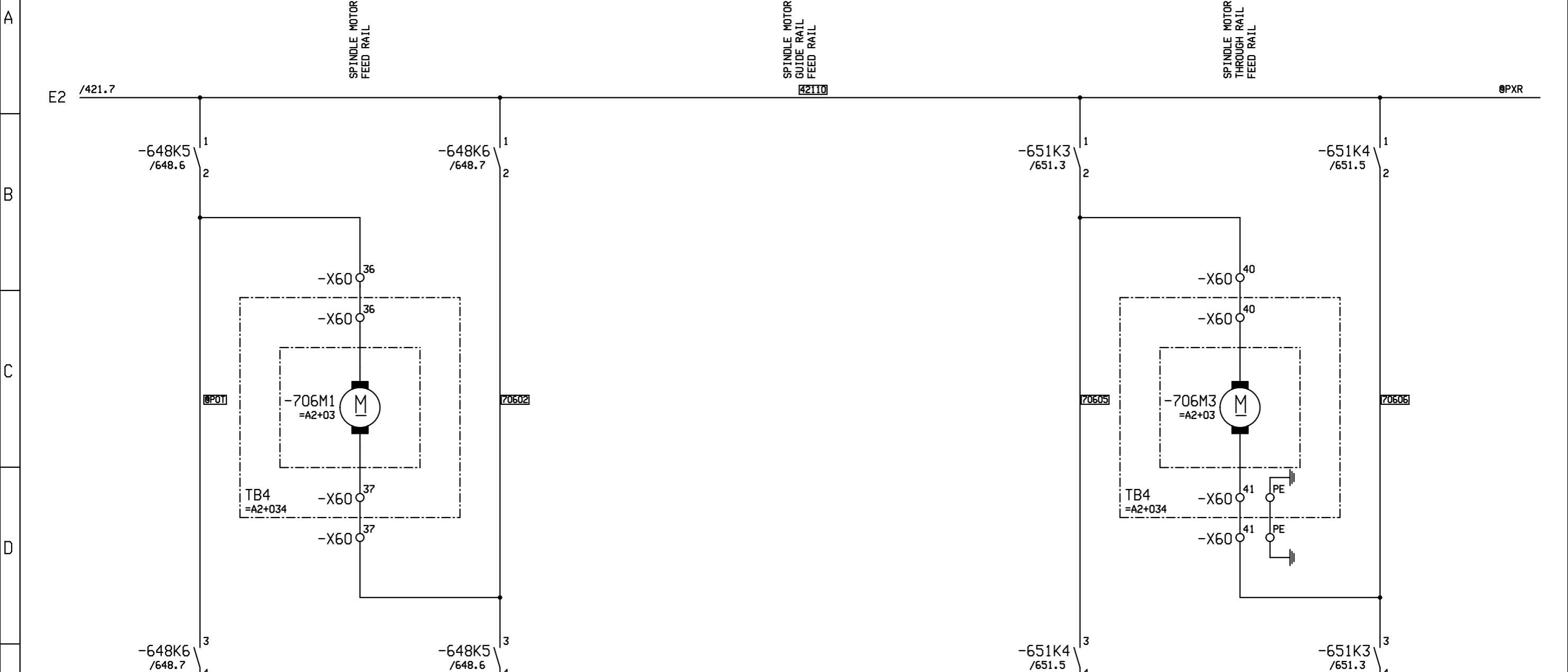
Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
File: GEWAA2638			=A2+01

10-MGD BANA BIG ROPEWAY  
WAA0002638  
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**ATTENTION**  
THE MAIN SUPPLY WIRES OF THE SPACING CLUTCHES  
Must be wired with 2.5 mm<sup>2</sup> copper.



POWER SUPPLY  
SPINDLE MOTOR : 4mm<sup>2</sup> Cu

Revision 2.1 Drawn by LOJ  
Date 14.08.20 Dr.ch.bv FHS  
File: GEWAA2638

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**D** Doppelmayr  
Innova Patent GmbH  
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® SPINDLE MOTOR FEED RAIL  
RETURN STATION LV-CONTROL  
Sheet : 706  
Cont.sheet: 708

A

OVERCURRENT  
SPINDLE MOTOR  
FEED RAIL

FEED RAIL  
IN

FEED RAIL  
OUT

A /643.9

/709.1

-421F8  
/421.7

21  
22

-527K6  
/527.6

11  
14

-X8 160

-X8 163

-X8 164

-X8 160

-X8 163

-X8 164

-708H1  
=A2+044  
RED

X1  
X2

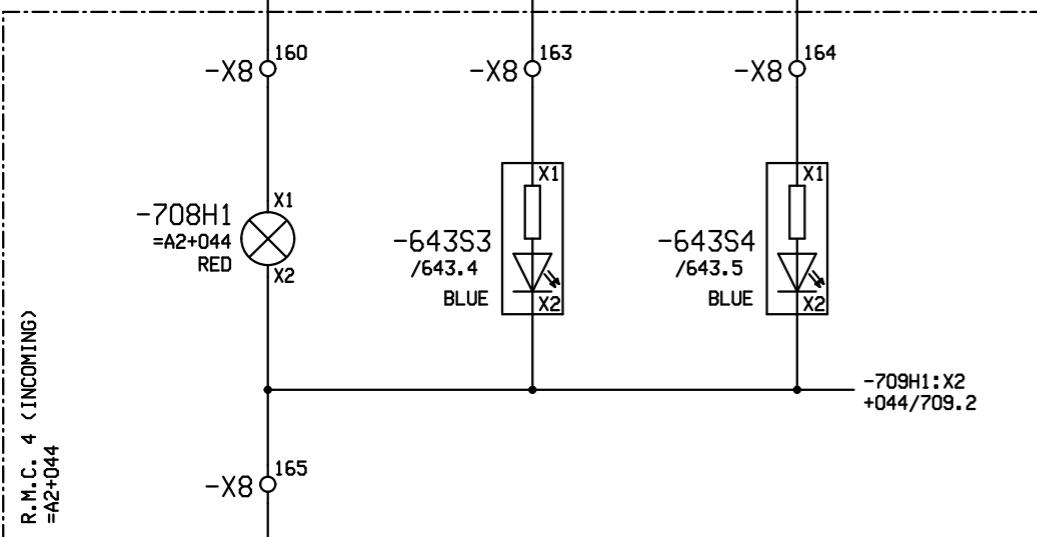
-643S3  
/643.4  
BLUE

X1  
X2

-643S4  
/643.5  
BLUE

X1  
X2

-709H1:X2  
+044/709.2



B /706.9

/710.1

F

Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS

10-MGD BANA BIG ROPEWAY

WAA0002638

BANA / VIETNAM

File: GEWAA2638

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CONTROL LIGHTS RAILS

RETURN STATION

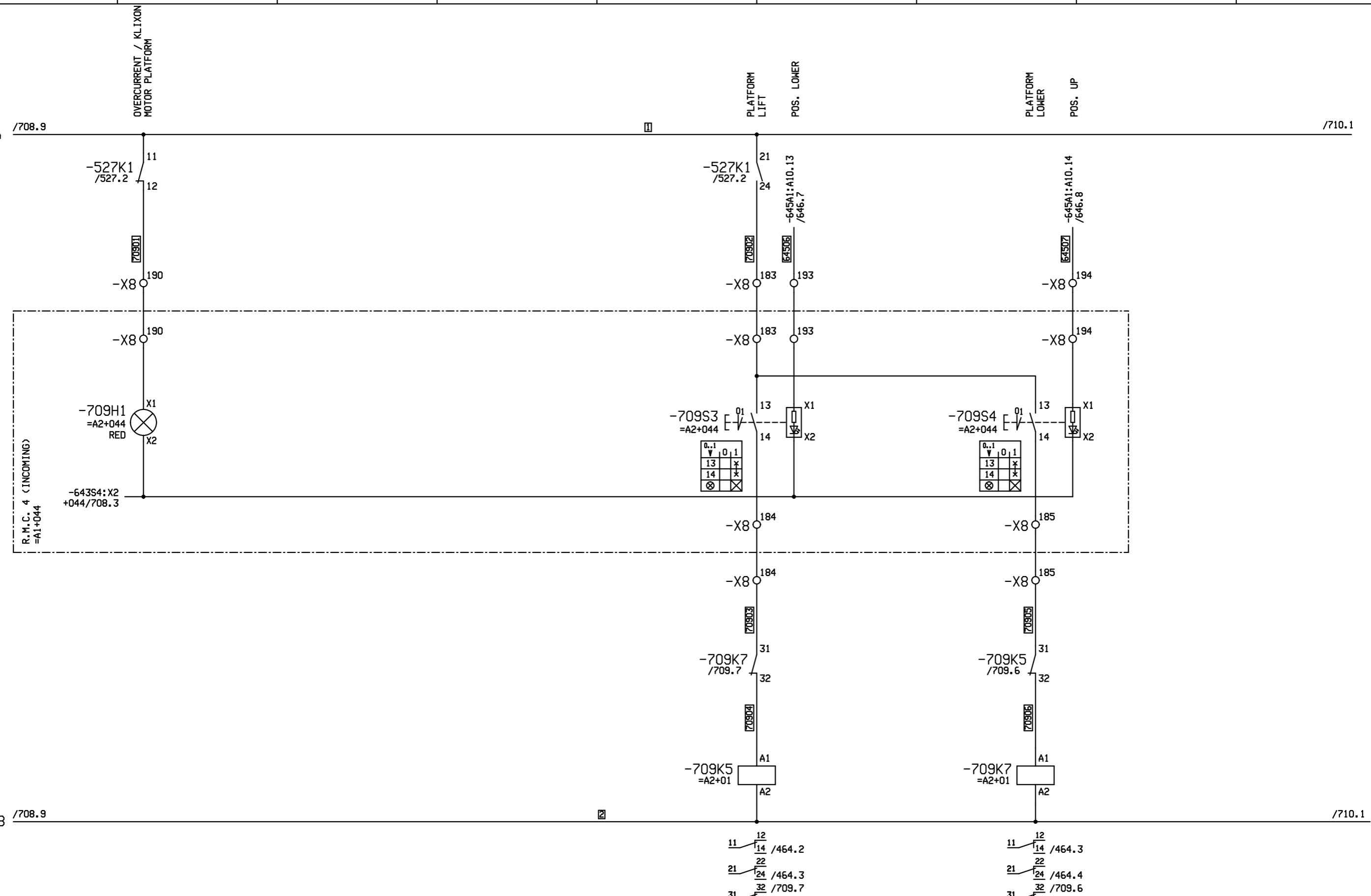
LV-CONTROL

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Date 01.03.12

Sheet : 708

Cont.sheet: 709



Revision	2.1	Drawn by	LOJ	10- WAA BAN
Date	14.08.20	Dr.ch.by	FHS	
<b>File:</b> GEWAA2638				

10-MGD BANA BIG ROPEWA  
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R

 CONTROL LIGHTS PLATFORM

RETURN STATE

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LV CONTROL

≡A2+01

112-01

et : 709

t.sheet: 710

A

STOW 2  
HOLD

A /708.9

/720.1

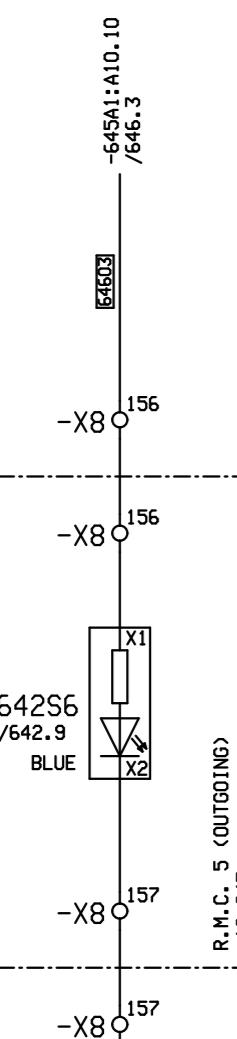
B

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B /706.9

/710.1

Revision	2.1	Drawn by	L0J
Date	14.08.20	Dr.ch.by	FHS
File: GEWAA2638			

10-MGD BANA BIG ROPEWAY  
WAA0002638  
BANA / VIETNAM



CONTROL LIGHTS

RETURN STATION

LV-CONTROL

=A2+01

Date 18.10.11

Sheet : 710

Cont.sheet: 720

A

A /710.8

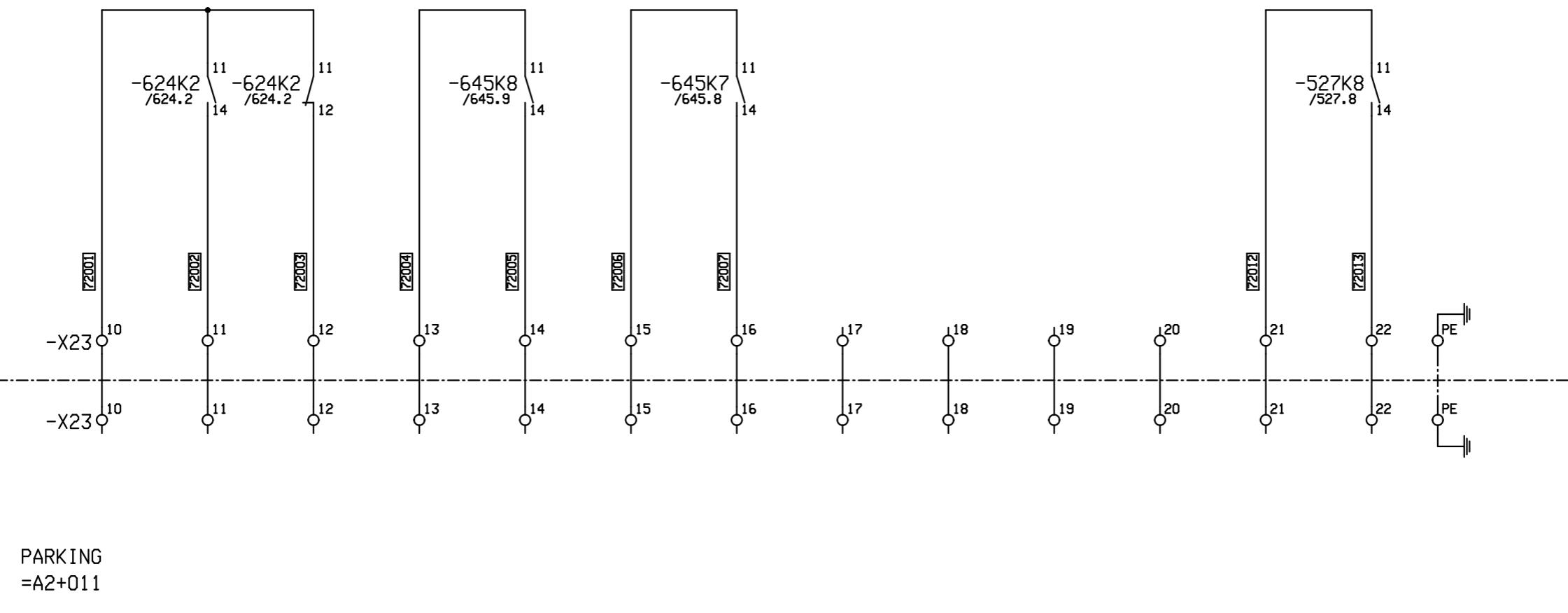
REVERSE

FORWARD

RELEASE PARKING AREA

START RELEASE  
PARKINGCONSTANT SPEED  
PARKINGPARK RAIL  
INFEED RAIL  
IN

/730.1



B /710.8

/730.1

2

