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LOCATION:

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

O1 ... CONTROL PANEL
O2 ...
O3 ... STATION
O4 ... REMOTE CONTROL
O5 ... EMERGENCY DRIVE
O6 ... LIFT LINE / TOWERS
O7 ... LIGHTNING PROTECTION BOX
O8 ... OIL COOLER
O9 ... AUXILIARY DRIVE (ADDITIONAL HYDR.)
O10... HYDR. TENSIONING
O11... PARKING
O12... OPENING-CLOSING MECHANISM
O13... EMERGENCY DRIVE
O14...
O15... SCR UNIT
O16... POWER SUPPLY UNIT SCR-DRIVE
O17...
O18... LOADING CARPET
O19...
O20... LOADING GATE
O21... TERMINAL BOX LOADING GATE
O22... HYDRAULIC AGGREGATE LOADING GATE
O23... LOADING GATE
O24... TERMINAL BOX PASSENGER COUNTER
O25... BATTERY PANEL
O26... LOW VOLTAGE DISTRIBUTION
O27...
O28...
O29...
O30... LOUDSPEAKER EQUIPMENT
O31... TERMINAL BOX TB1
O131.. TERMINALBOX TB11
O32... TERMINAL BOX TB2
O132.. TERMINALBOX TB12
O33... TERMINAL BOX TB3
O34... TERMINAL BOX TB4
O134.. TERMINAL BOX "TB 14"
O35... TERMINAL BOX TB5
O135.. TERMINAL BOX "TB 15"
O36... TERMINAL BOX TB6
O37... TERMINAL BOX TB7
O38... TERMINAL BOX TB8
O39... TERMINAL BOX TB9
O40...
O41... R.M.C. 1
O42... R.M.C. 2
O43... R.M.C. 3
O44... R.M.C. 4 (INCOMING)
O45... R.M.C. 5 (OUTGOING)
O46...
O47...
O48...
O51... TELEPHONE CONNECTOR MACHINE ROOM
O52... TELEPHONE CONNECTOR THYRISTOR ROOM
O77...
O80... TERMINAL BOX PLATFORM THROUGH MODE UPHILL
O81... TERMINAL BOX PLATFORM THROUGH MODE DOWNHILL
O100.. TERMINAL BOX TENSIONING AGGREGATE
O101.. HYDR. TENSIONING UNIT
O102.. TERMINAL BOX LOAD CELL
O103.. LOAD CELL
O231.. TERMINAL BOX -5761 INCOMING SIDE
O232.. TERMINAL BOX -5761 OUTGOING SIDE
O502.. TERMINAL BOX BRAKE HYDRAULICS

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

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INFORMATION

RETURN STATION | LV-CONTROL

=A2+01

Date	26.07.16
Sheet :	402
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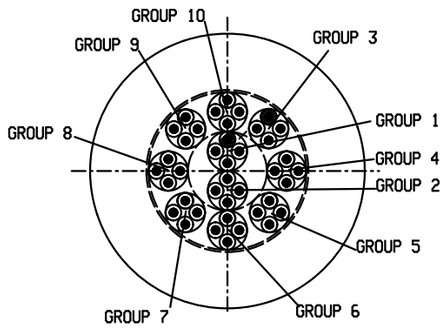
CROSS SECTIONS TELEPHONE CABLE

TYPE OF CABLE :
F-2YA2Y 20x2x0,5



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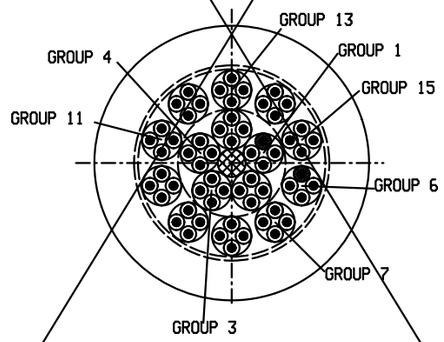

TYPE OF CABLE :
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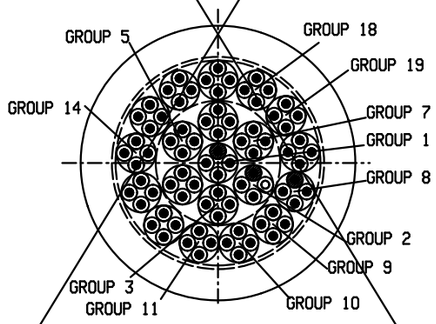
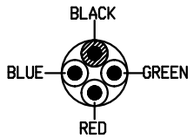
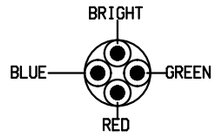


VIEW FROM DRIVE STATION :
CLOCKWISE!

~~F-2YA2Y 40x2x0,5:~~	~~GROUP 1/2/8~~
~~F-2YA2Y 30x2x0,5:~~	~~GROUP 1/6~~
F-2YA2Y 20x2x0,5:	GROUP 1/3
~~F-2YA2Y 10x2x0,8:~~	~~GROUP 1~~
~~F-2YA2Y 6x2x0,8:~~	~~GROUP 1~~



~~F-2YA2Y 40x2x0,5:~~	~~GROUP 3/4/5/6/7/9/10/11/12/13/14/15/16/17/18/19/20~~
~~F-2YA2Y 30x2x0,5:~~	~~GROUP 2/3/4/5/7/8/9/10/11/12/13/14/15~~
F-2YA2Y 20x2x0,5:	GROUP 2/4/5/7/8/9/10
~~F-2YA2Y 10x2x0,8:~~	~~GROUP 2/3/4/5~~
~~F-2YA2Y 6x2x0,8:~~	~~GROUP 2/3~~



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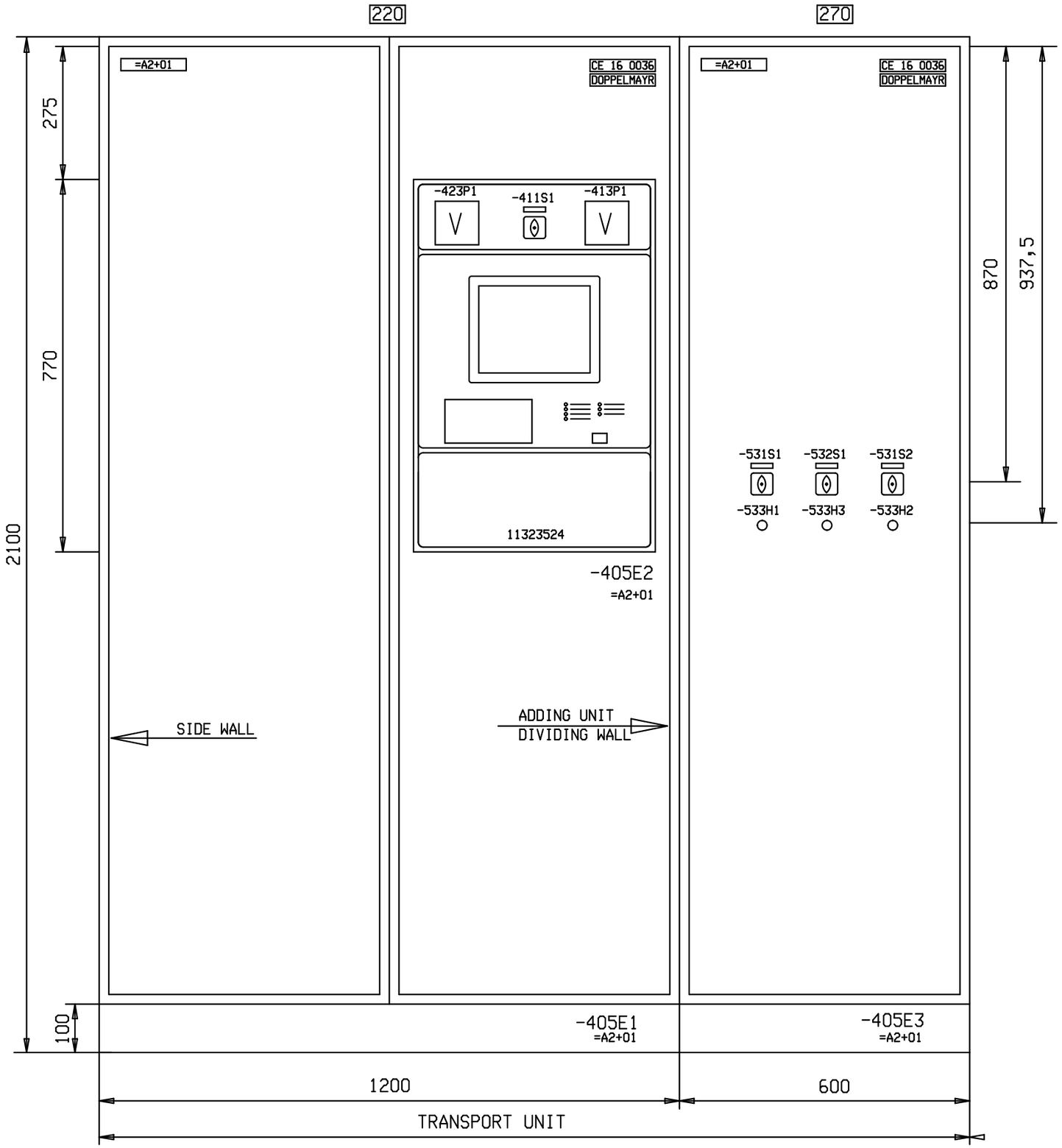
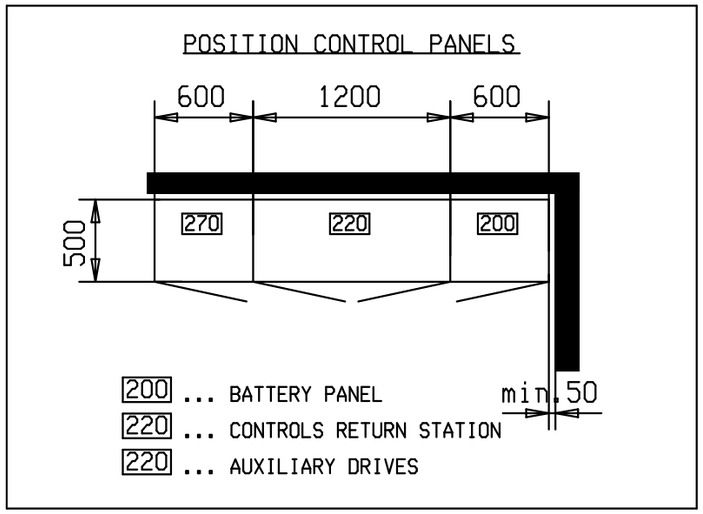
CABLE RESERVATION AERIAL CABLE

RETURN STATION | LV-CONTROL

=A2+01

Date	20.04.16
Sheet :	403
Cont.sheet:	405





405E1: MAIN CONTROLS =A2+01

-411S1...CONTROL VOLTAGE
-411P1...CONTROL VOLTAGE
-423P1...BATTERY VOLTAGE

FREQUENCY CONVERTER STAND-BY MODE =A2+01 (-405E3):

-531S1 ... TORQUEENUNTERSTOTZUNG INCOMING ON
-531S2 ... TORQUEENUNTERSTOTZUNG OUTGOING ON
-532S1 ... REGULATING LINE CURVED SECTION ON
-533H1 ... TECHNICAL FAULT FREQUENCY CONVERTER INCOMING SIDE
-533H2 ... TECHNICAL FAULT FREQUENCY CONVERTER OUTGOING SIDE
-533H3 ... TECHNICAL FAULT FREQUENCY CONVERTER REGULATING LINE CURVED SECTION

405E1: MAIN CONTROLS =A2+01

-405E4	=A2+01	1x LSC-FRAME
-405E5	=A2+01	1x CONTROL PANEL DOOR MACHINED (TS 8205.510 re.)
-405E6	=A2+01	1x STICKER - "CE 16 0036"
-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
-405E11	=A2+01	1x WIRING MATERIAL A2+01-MGD

405E3: FREQUENCY CONVERTER THROUGH CONVEYOR =A2+01

-405E12	=A2+01	1x LSC-FRAME
-405E13	=A2+01	1x ADDING UNIT
-405E14	=A2+01	1x STICKER - "=A2+01"
-405E15	=A2+01	1x STICKER - "Doppelmayr-Logo"
-405E16	=A2+01	1x STICKER - ATTENTION - ELECTRICITY
-405E17	=A2+01	1x DIVIDING WALL
-405E18	=A2+01	1x STICKER - "CE 16 0036"

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CONTROL PANEL DIMENSIONS

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
Sheet :	405
Cont.sheet:	407

85

-407E1
=A2+044

11443306

-407E2
=A2+044

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

-407E3 =A2+044 1x WIRING MATERIAL 044 / 055

= A2 + 07

CE 16 0036
Doppelmayr

@DSC

-407A1
=A2+07

-407E14
=A2+07

LIGHTNING PROTECTION BOX (STATION)
=A2+07

-407E15 =A2+07 1x STICKER - CE
-407E16 =A2+07 1x STICKER - "=A2+07"
-407E17 =A2+07 1x STICKER - "Doppelmayr-Logo"
-407E18 =A2+07 1x MOUNTING PLATE MACHINED

TERMINAL BOX FIBRE OPTIC (STATION)
=A2+070

= A2 + 070

CE 16 0036
Doppelmayr

ID=11438095

-407E22
=A2+070

-407E23 =A2+070 1x STICKER - CE
-407E24 =A2+070 1x STICKER - "=A2+070"
-407E25 =A2+070 1x STICKER - "Doppelmayr-Logo"

-407E19
=A2+0100

@DSC

-407E20
=A2+0100

TERMINAL BOX
HYDR. TENSIONING UNIT
=A2+0100

-407E4
=A2+045

11443314

-407E5
=A2+045

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

-407E6 =A2+045 1x WIRING MATERIAL 044 / 055

11443309

-407E27
=A2+01

DIAGRAM
ROPE POSITION
=A2+01

-407E21
=A2+071

TERMINAL BOX
PLATFORM/PARKING
-5738 1
=A2+071

-407E26
=A2+033

TERMINAL BOX TB3
STATION
=A2+033

-407E7
=A2+050

11443308

-407E8
=A2+050

DESKTOP CONTROL PANEL
=A2+050

-407E9 =A2+050 1x WIRING MATERIAL 044 / 055

-407E28
=A2+034

TERMINAL BOX TB4
=A2+034

-407E29
=A2+0134

TERMINAL BOX TB14
=A2+0134

-407E30
=A2+035

TERMINAL BOX TB5
=A2+035

-407E31
=A2+0135

TERMINAL BOX TB15
=A2+0135

-407E32
=A2+0231

TERMINAL BOX
-5761
INCOMING
=A2+0231

-407E33
=A2+0232

TERMINAL BOX
-5761
OUTGOING
=A2+0232

@DSC

STOP
EMERG. STOP
SLOW

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

-407E11
=A2+041

@DSC

STOP
EMERG. STOP
STOP EB
SLOW

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

-407E12
=A2+042

@DSC

STOP
EMERG. STOP
STOP EB
SLOW

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

-407E13
=A2+043

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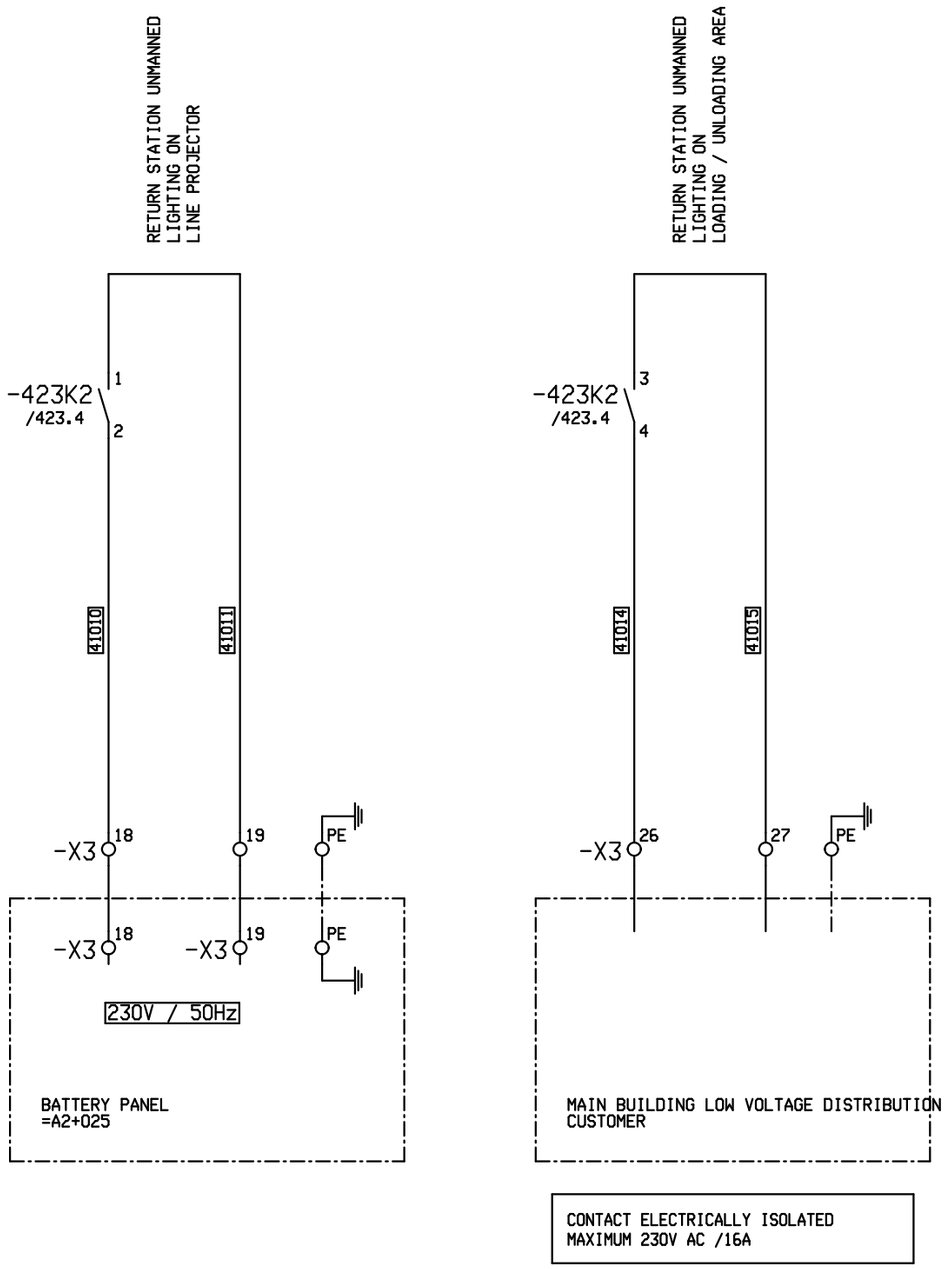
CONTROL PANEL DIMENSIONS

RETURN STATION | LV-CONTROL

=A2+01

Date	29.07.16
Sheet :	407
Cont.sheet:	410



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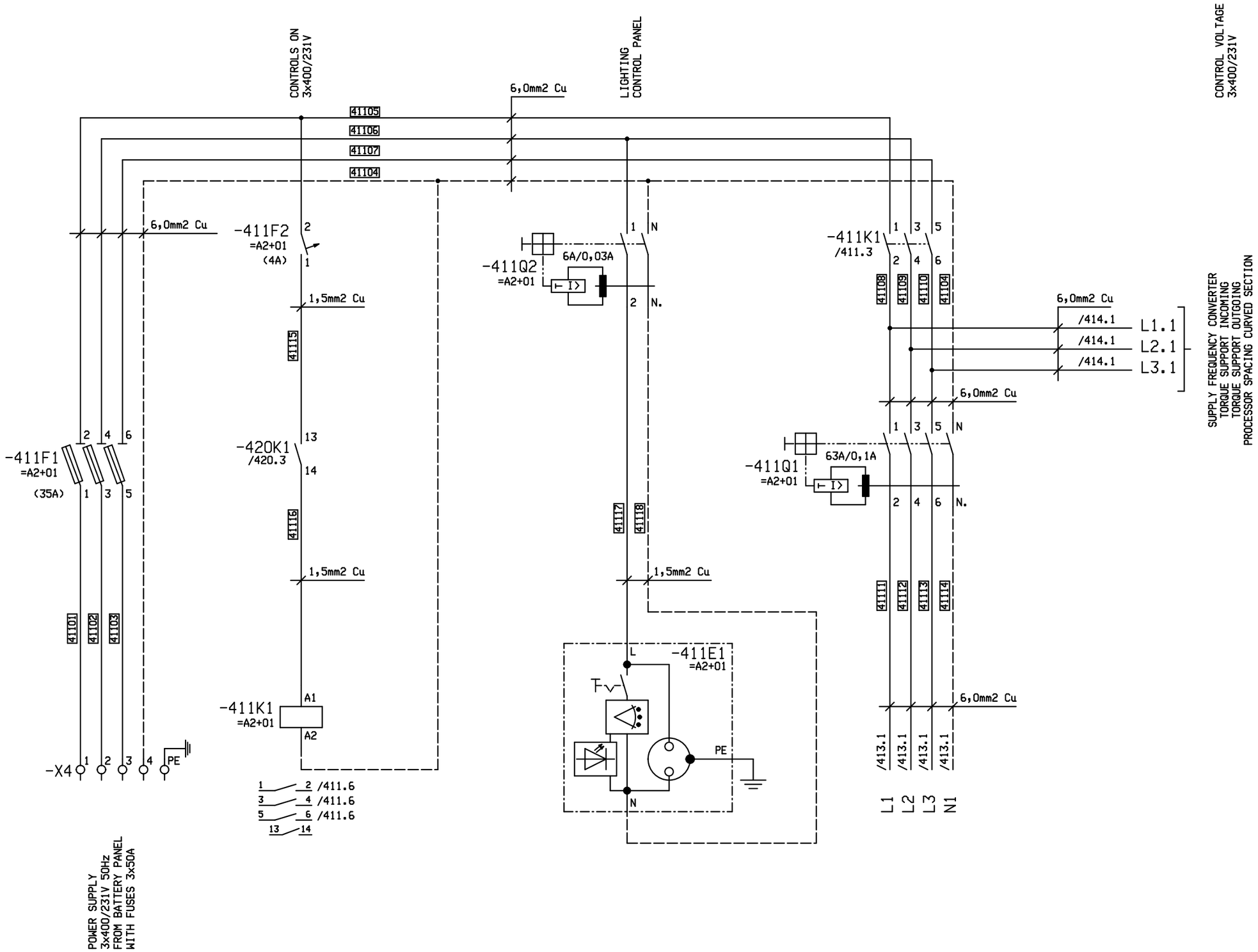
LIGHTING

RETURN STATION | LV-CONTROL

=A2+01

Date	23.05.16
Sheet :	410
Cont.sheet:	411



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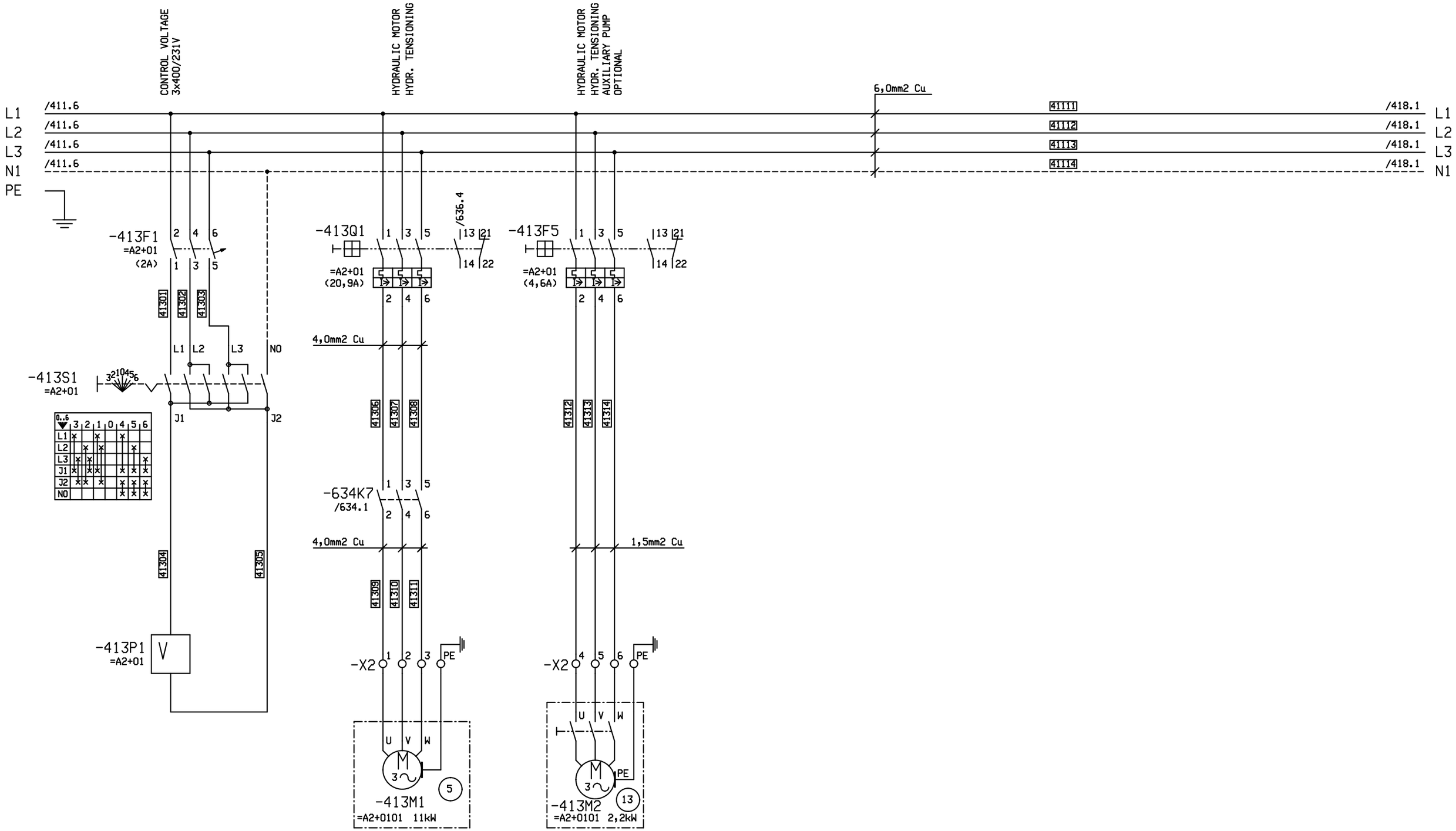
POWER SUPPLY 3X400/230V

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
Sheet :	411
Cont.sheet:	413



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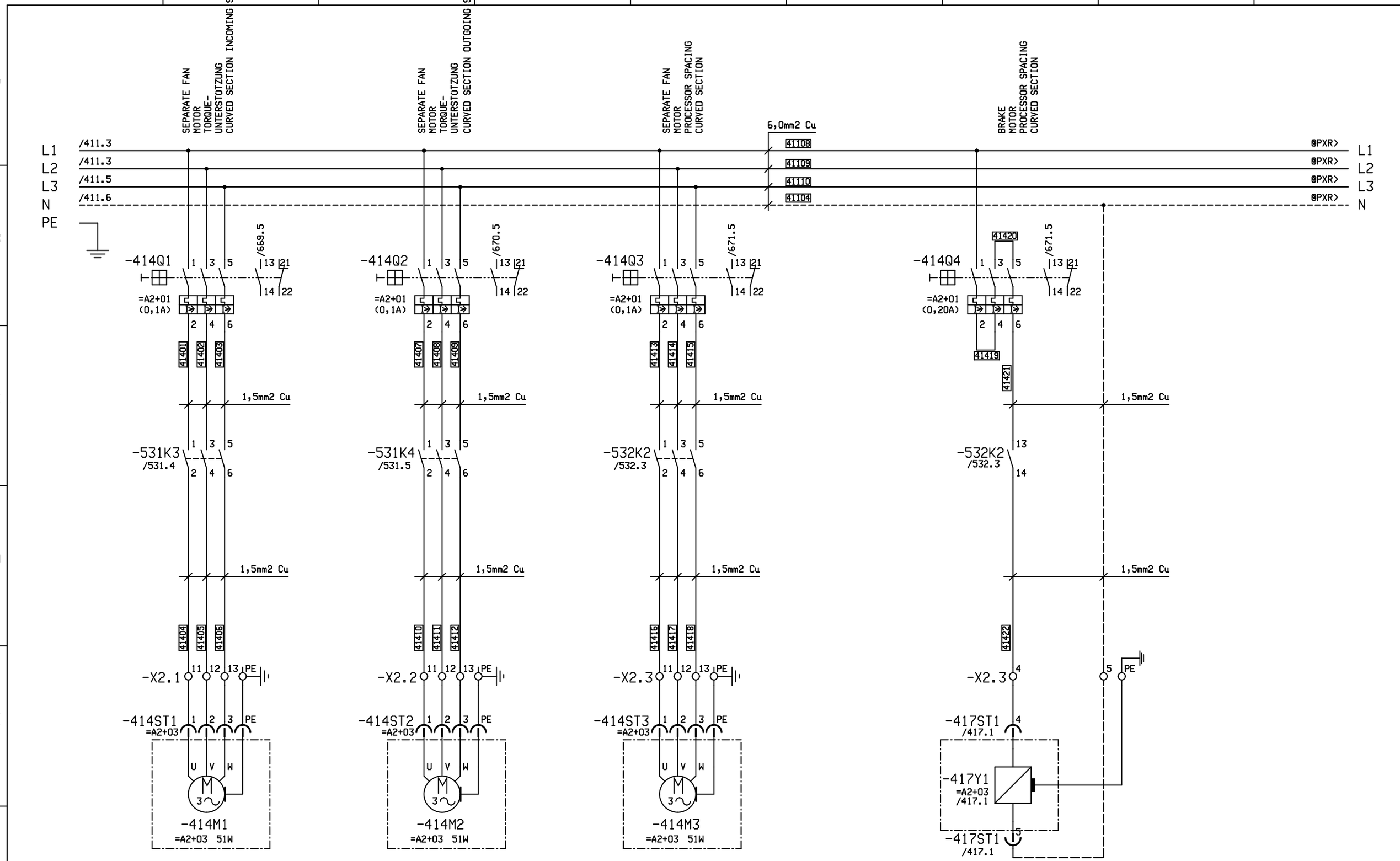
MOTORS - HYDRAULIC TENSIONING

RETURN STATION | LV-CONTROL

=A2+01

Date	04.05.17
Sheet :	413
Cont.sheet:	414



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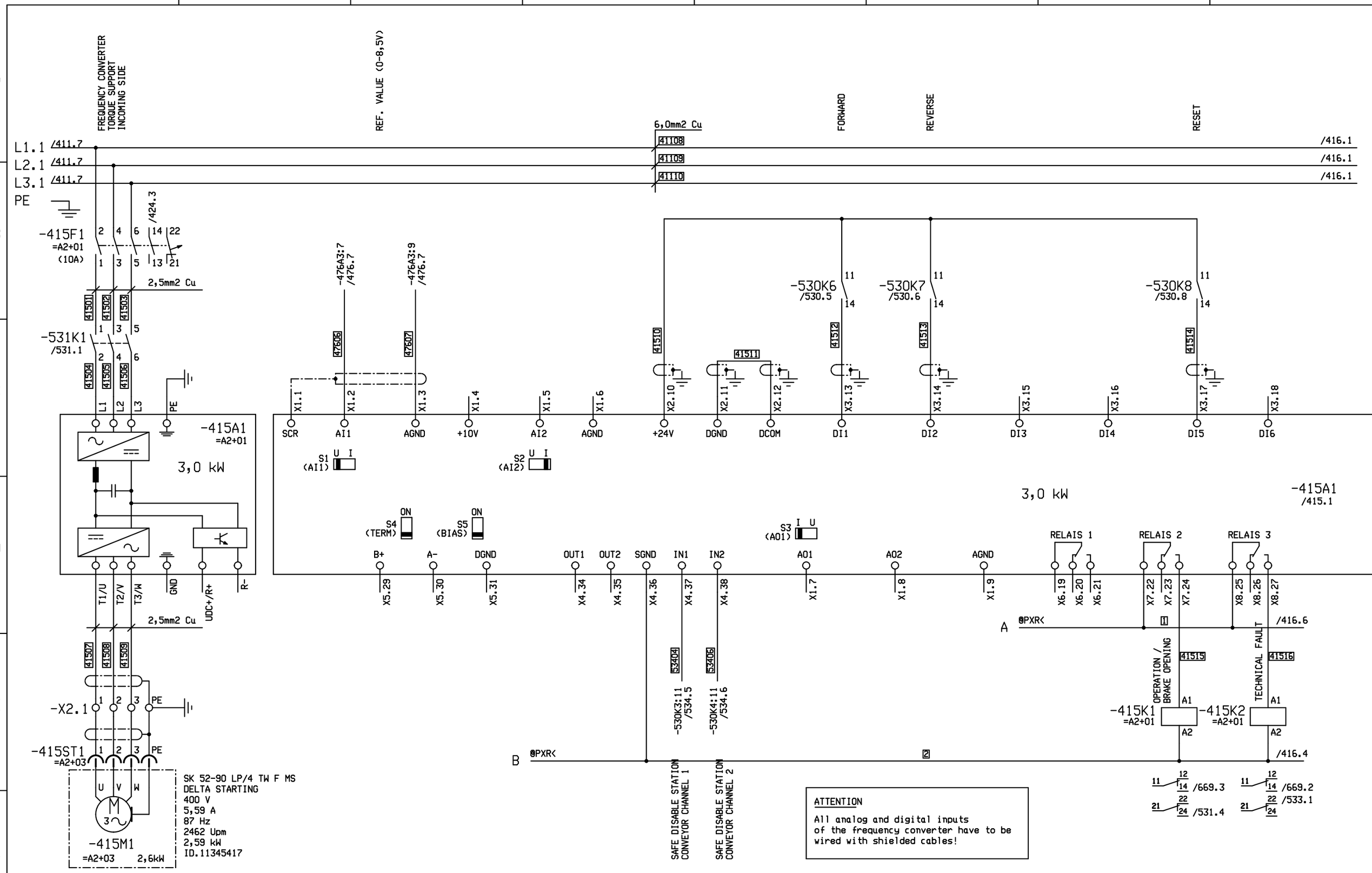
FAN / BRAKE STATION CONVEYOR

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
Sheet :	414
Cont.sheet:	415



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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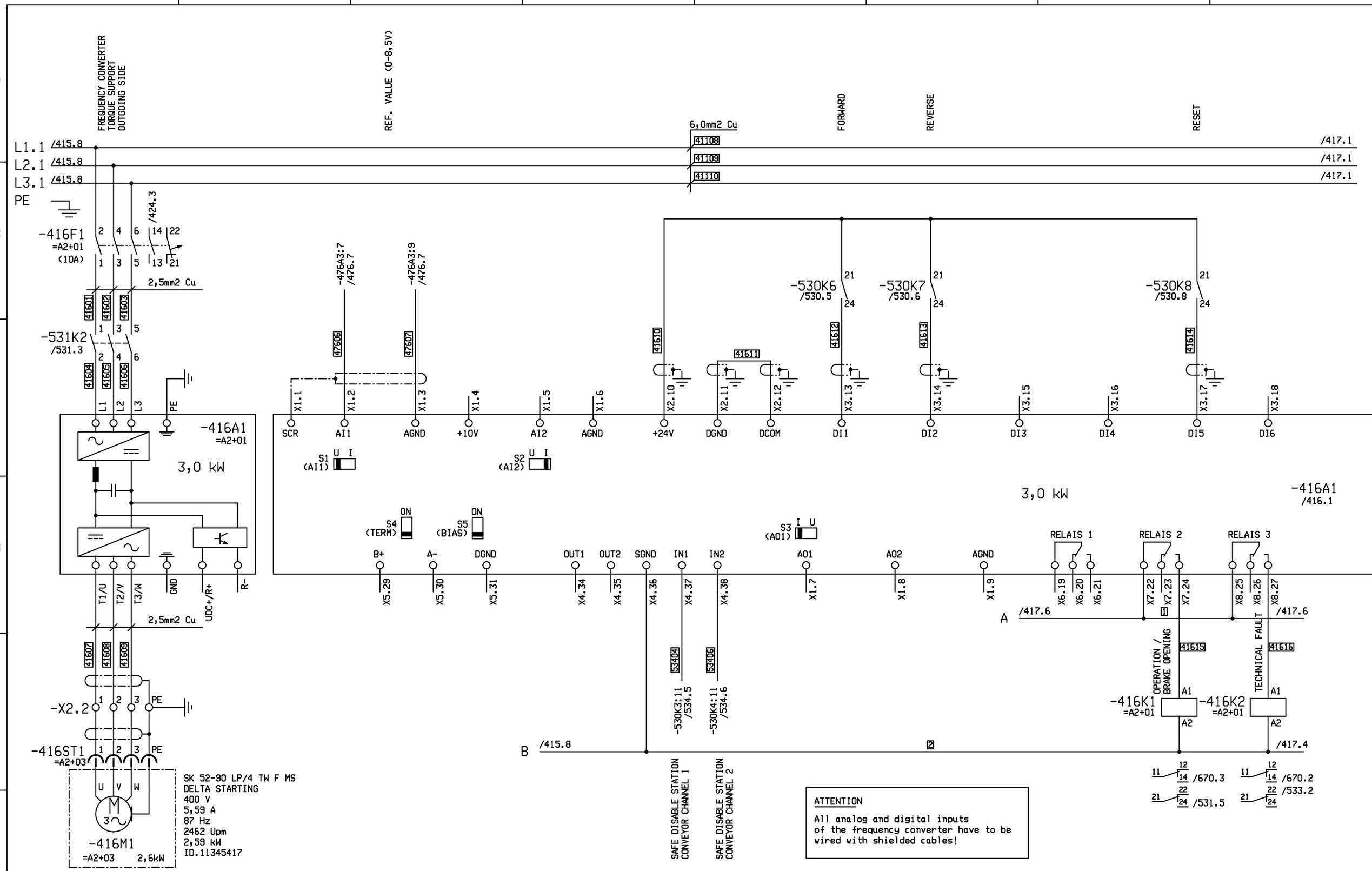
FREQUENCY CONVERTER TORQUE SUPPORT INCOMING

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
Sheet :	415
Cont.sheet:	416



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

10-MGD BaNa5
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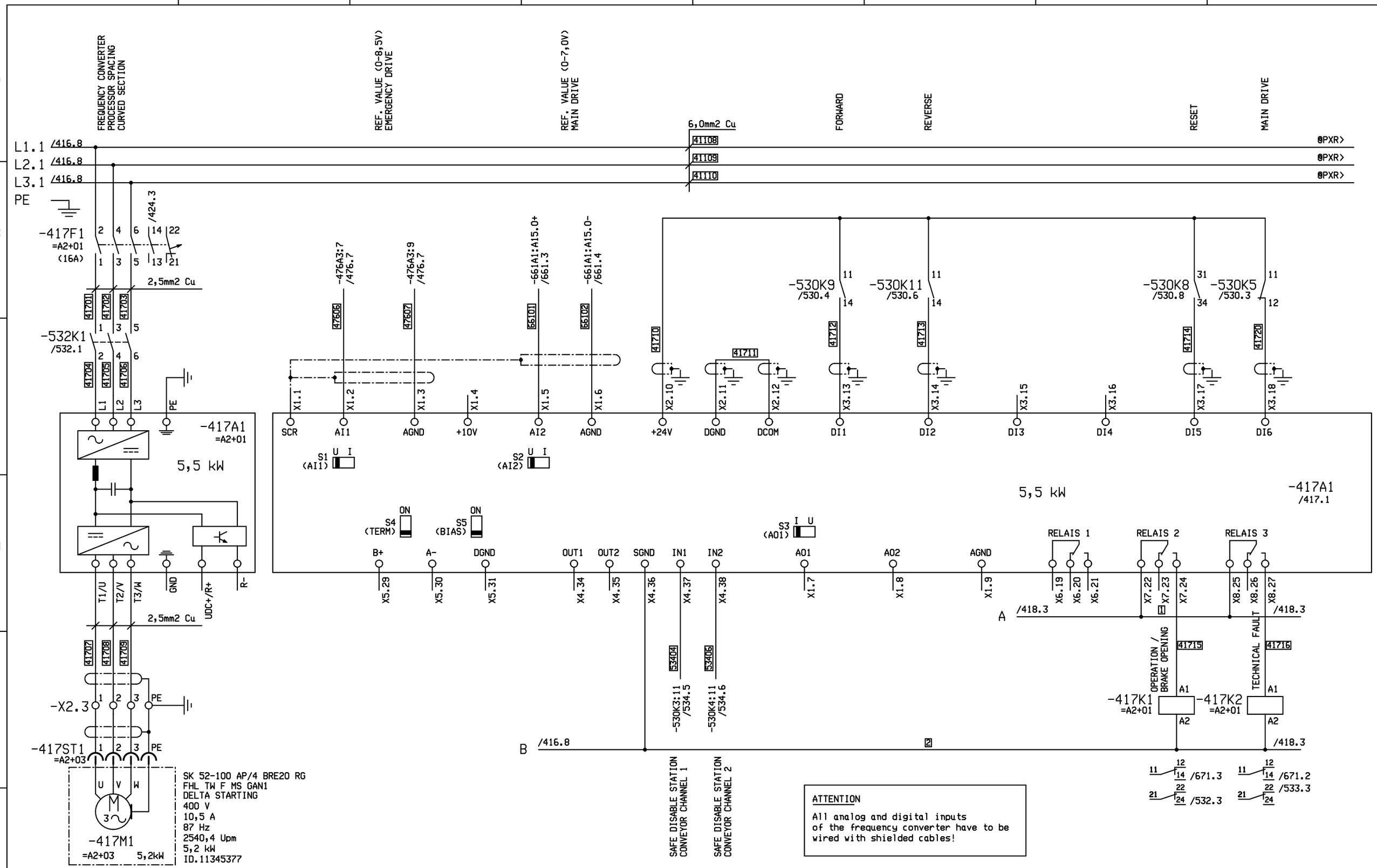
FREQUENCY CONVERTER TORQUE SUPPORT OUTGOING

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
Sheet :	416
Cont.sheet:	417



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma

File: GEWAA4186

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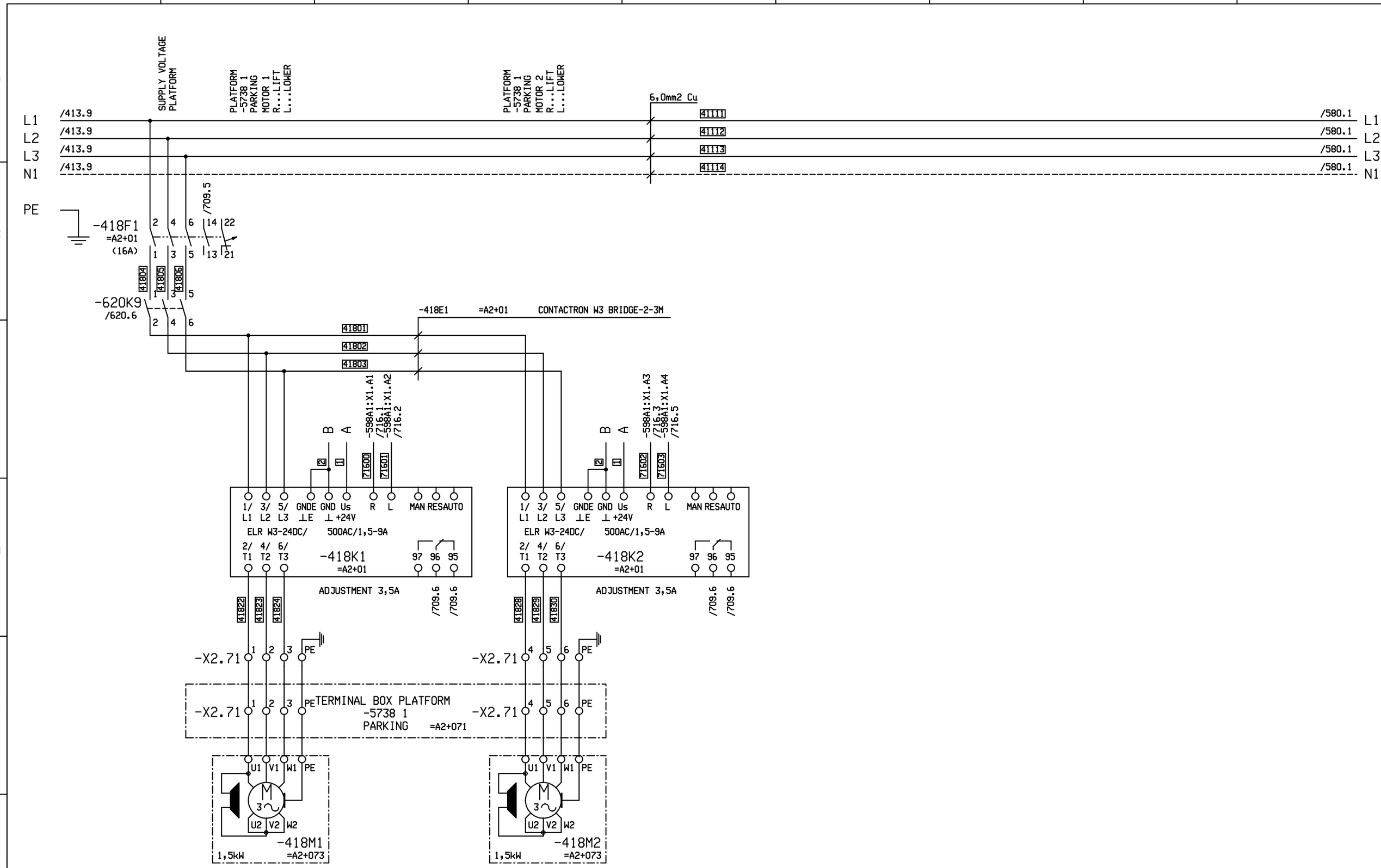
FREQUENCY CONVERTER PROCESSOR SPACING CURVED SECTION

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
Sheet :	417
Cont.sheet:	418



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

10-MGD BaNa5
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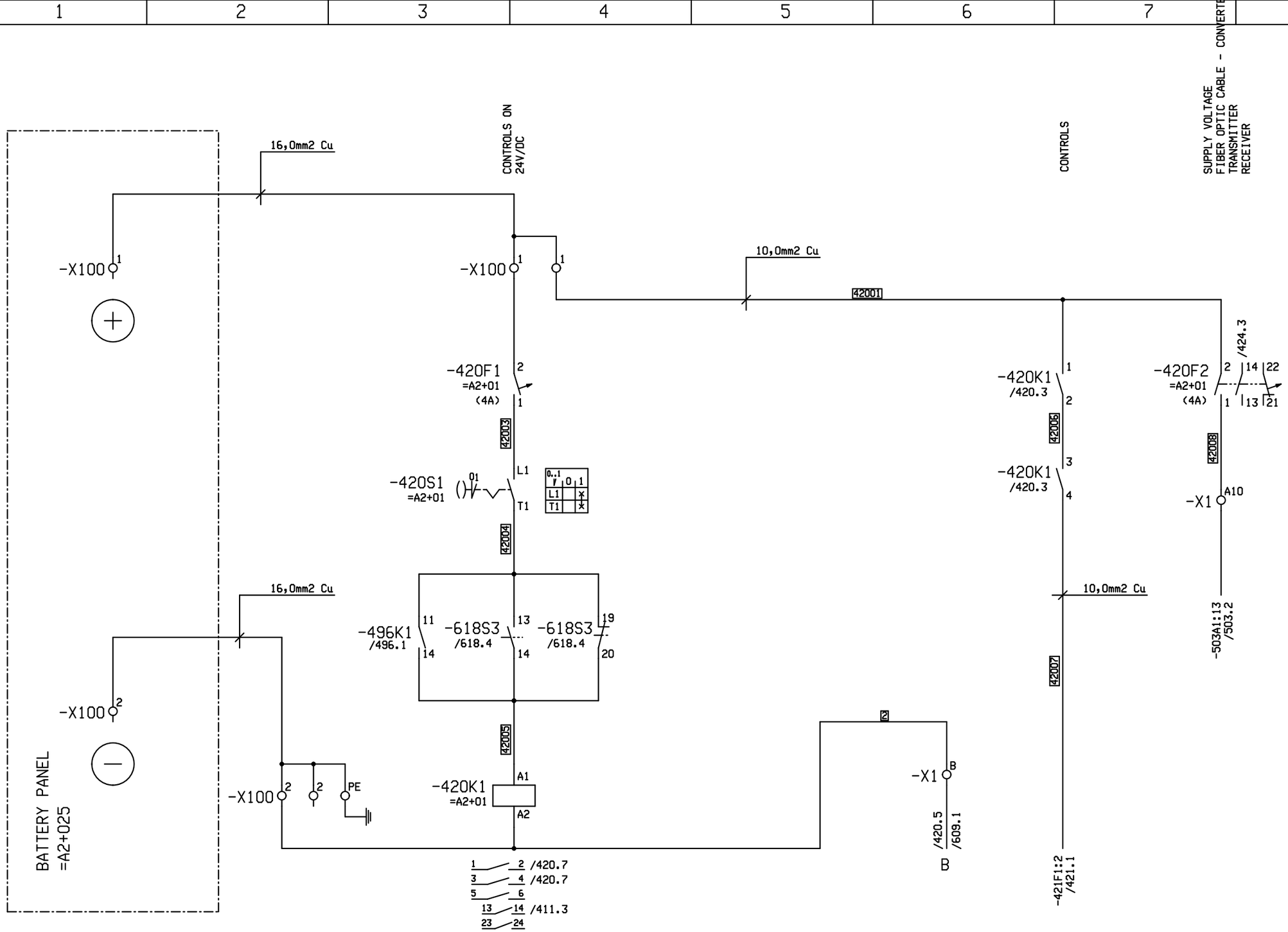
MOTORS - PLATFORM -5738 1 PARKING

RETURN STATION | LV-CONTROL

=A2+01

Date	04.05.17
Sheet :	418
Cont.sheet:	420



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

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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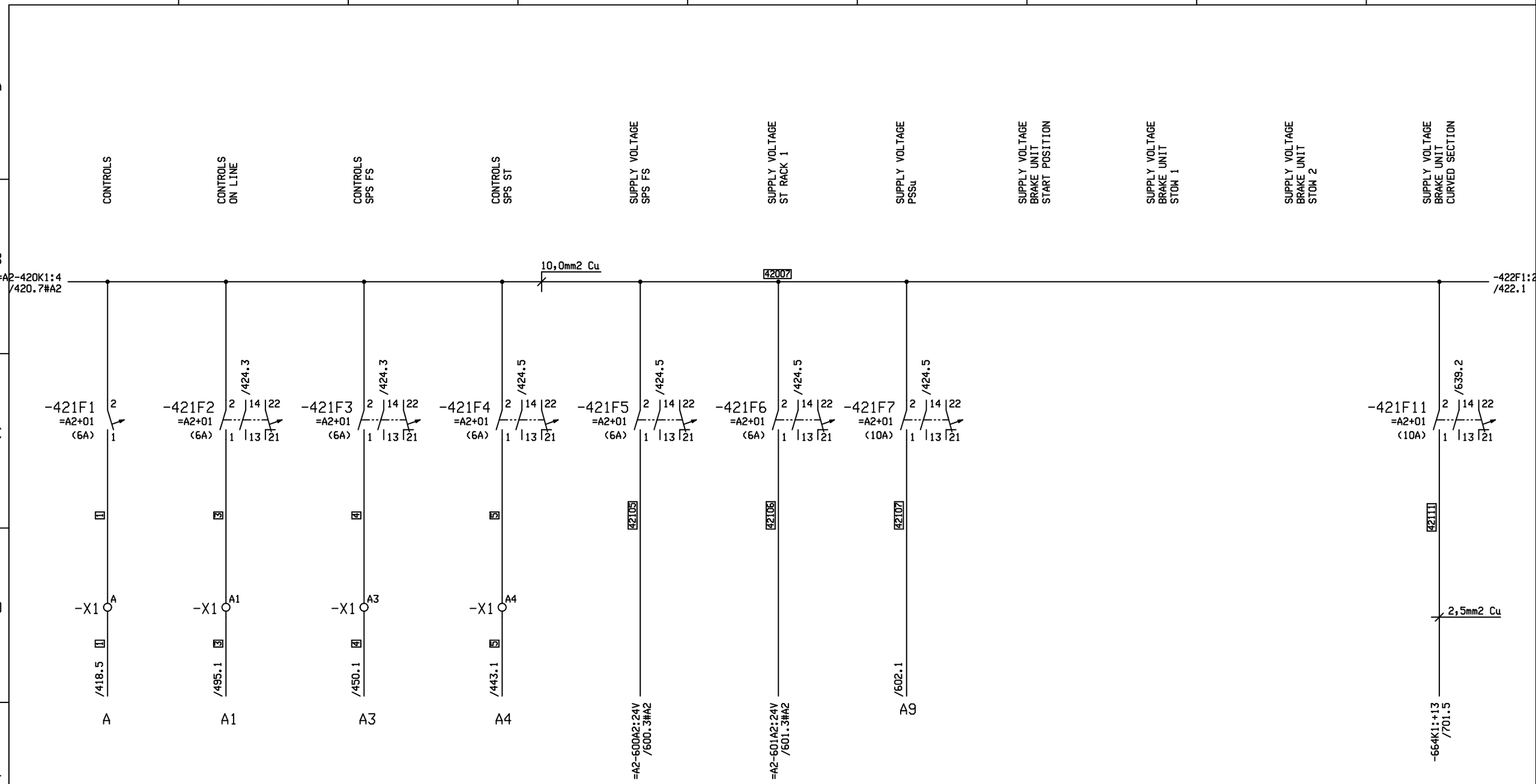
POWER SUPPLY 24V/DC

RETURN STATION | LV-CONTROL

=A2+01

Date	25.03.16
Sheet :	420
Cont.sheet:	421



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

10-MGD BaNa5
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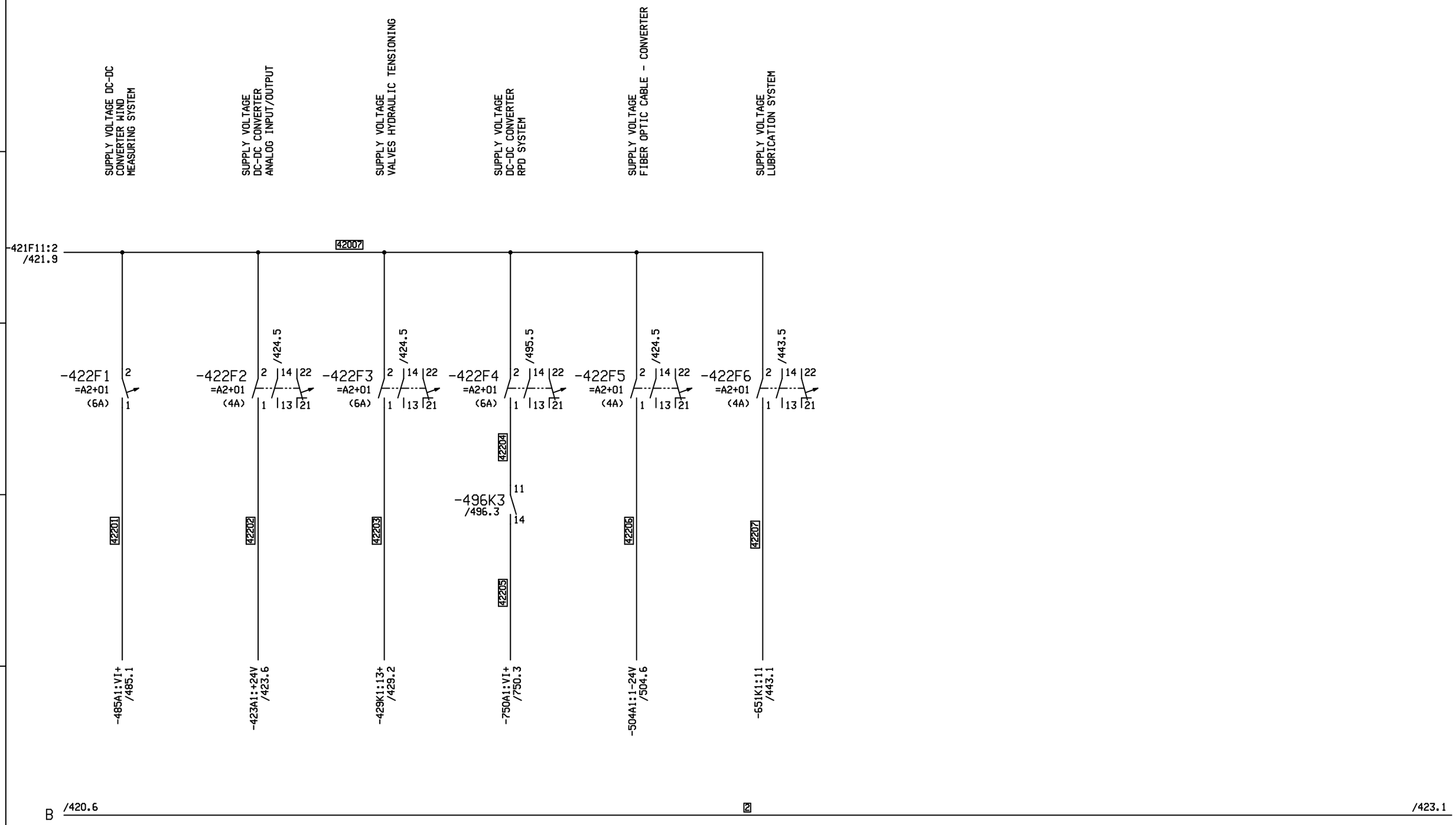
CIRCUIT BREAKERS

RETURN STATION | LV-CONTROL

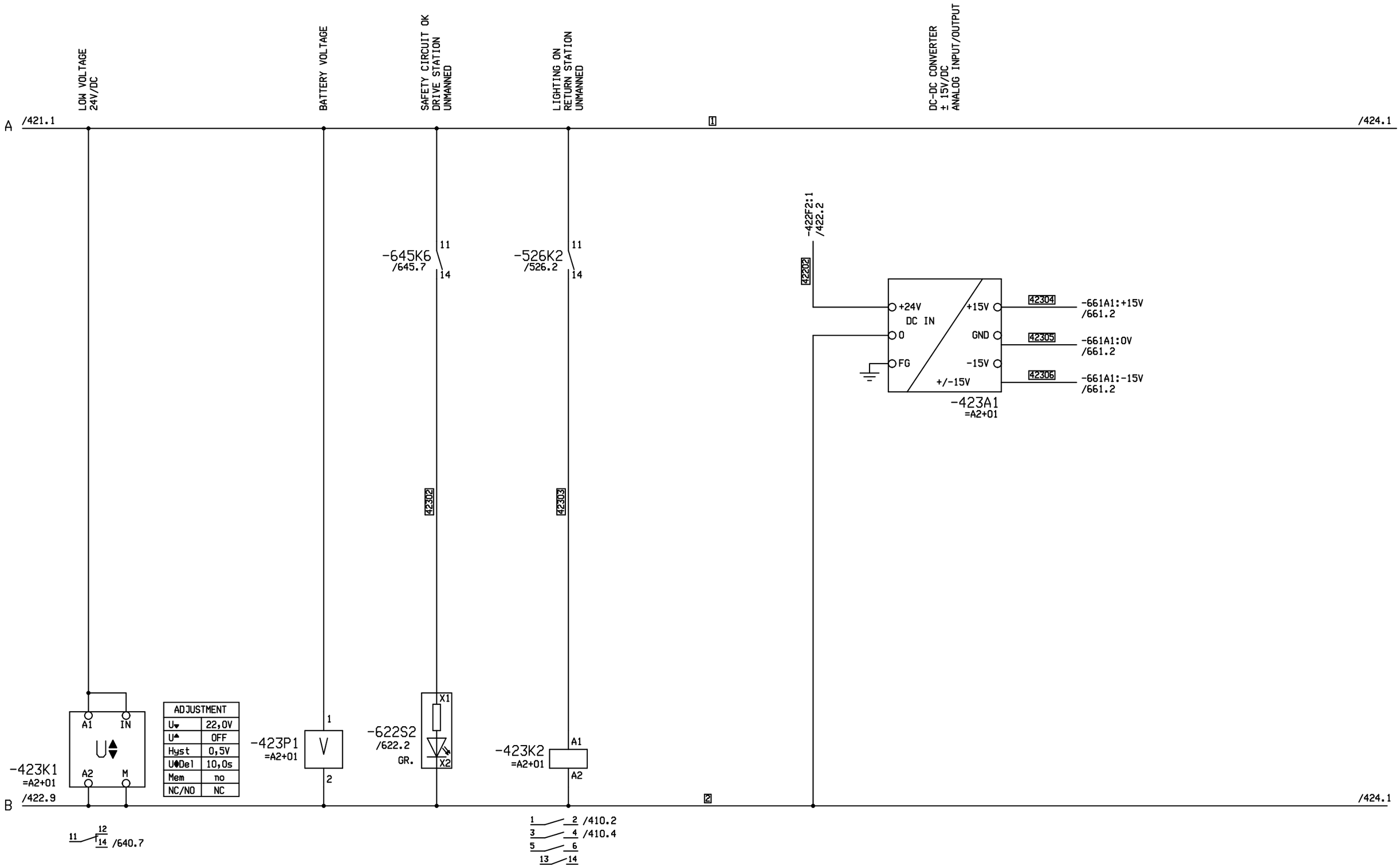
=A2+01

Date	10.02.17
Sheet :	421
Cont.sheet:	422



Revision	2.0	Drawn by	SST	10-MGD BaNa5 WAA0004186 DANANG / VIETNAM	Doppelmayr ® Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	CIRCUIT BREAKERS
Date	13.10.16	Dr.ch.by	Fma			RETURN STATION / LV-CONTROL
File:	GEWAA4186					

=A2+01	
Date	19.04.16
Sheet :	422
Cont.sheet:	423



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma

File: GEWAA4186

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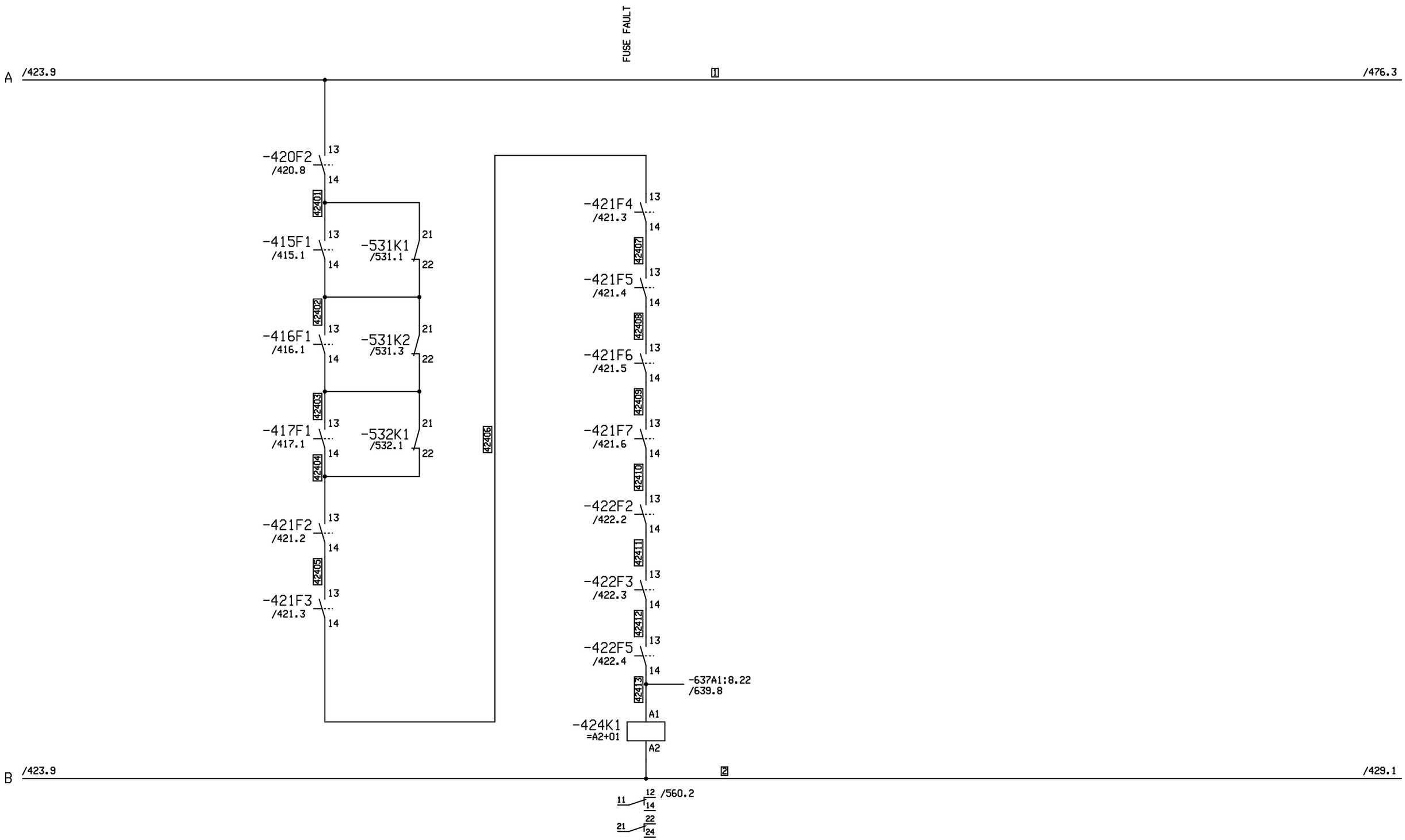
LOW VOLTAGE 24V/DC

RETURN STATION | LV-CONTROL

=A2+01

Date	01.04.16
Sheet :	423
Cont.sheet:	424



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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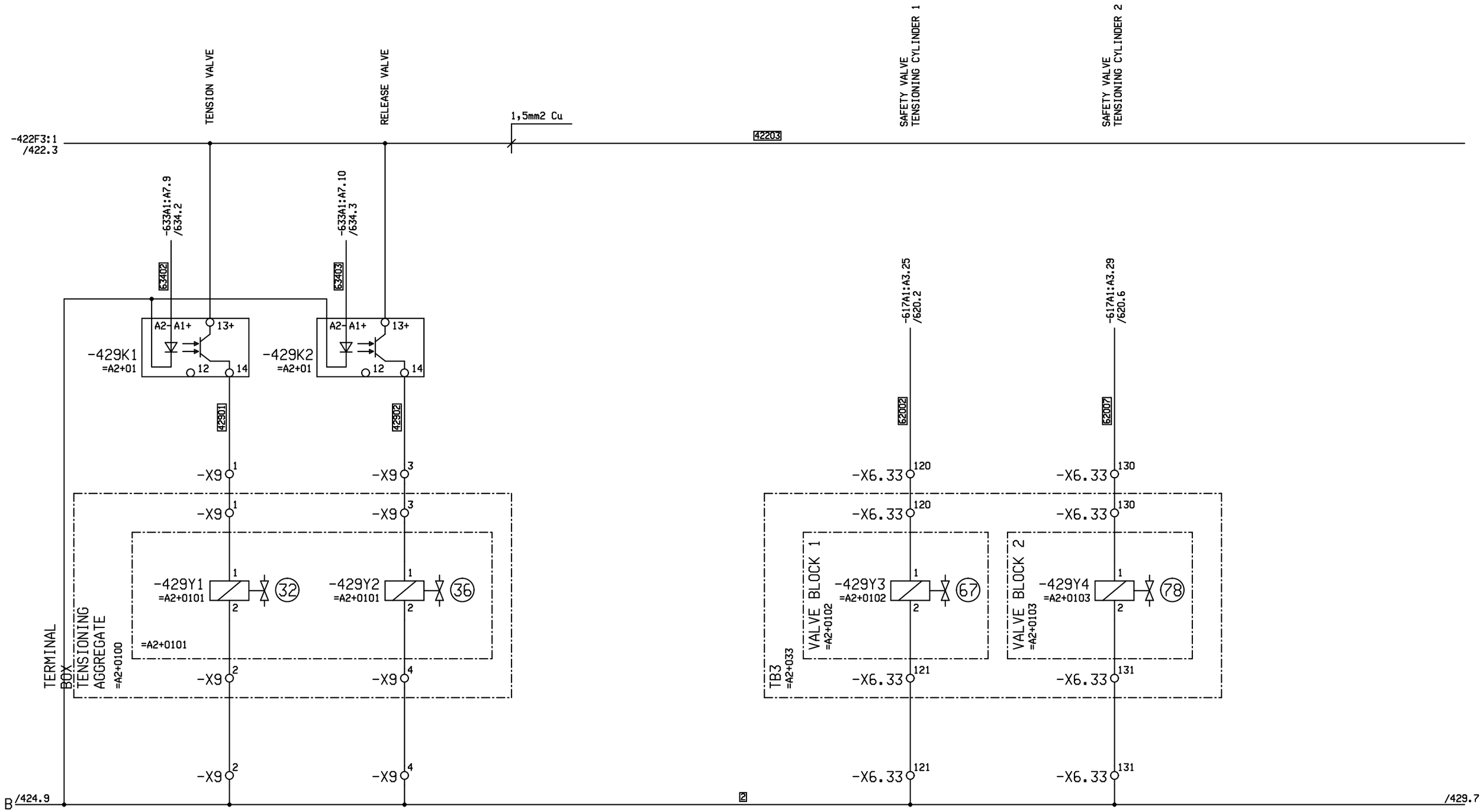
FUSE FAULT

RETURN STATION | LV-CONTROL

=A2+01

Date	05.04.16
Sheet :	424
Cont.sheet:	429



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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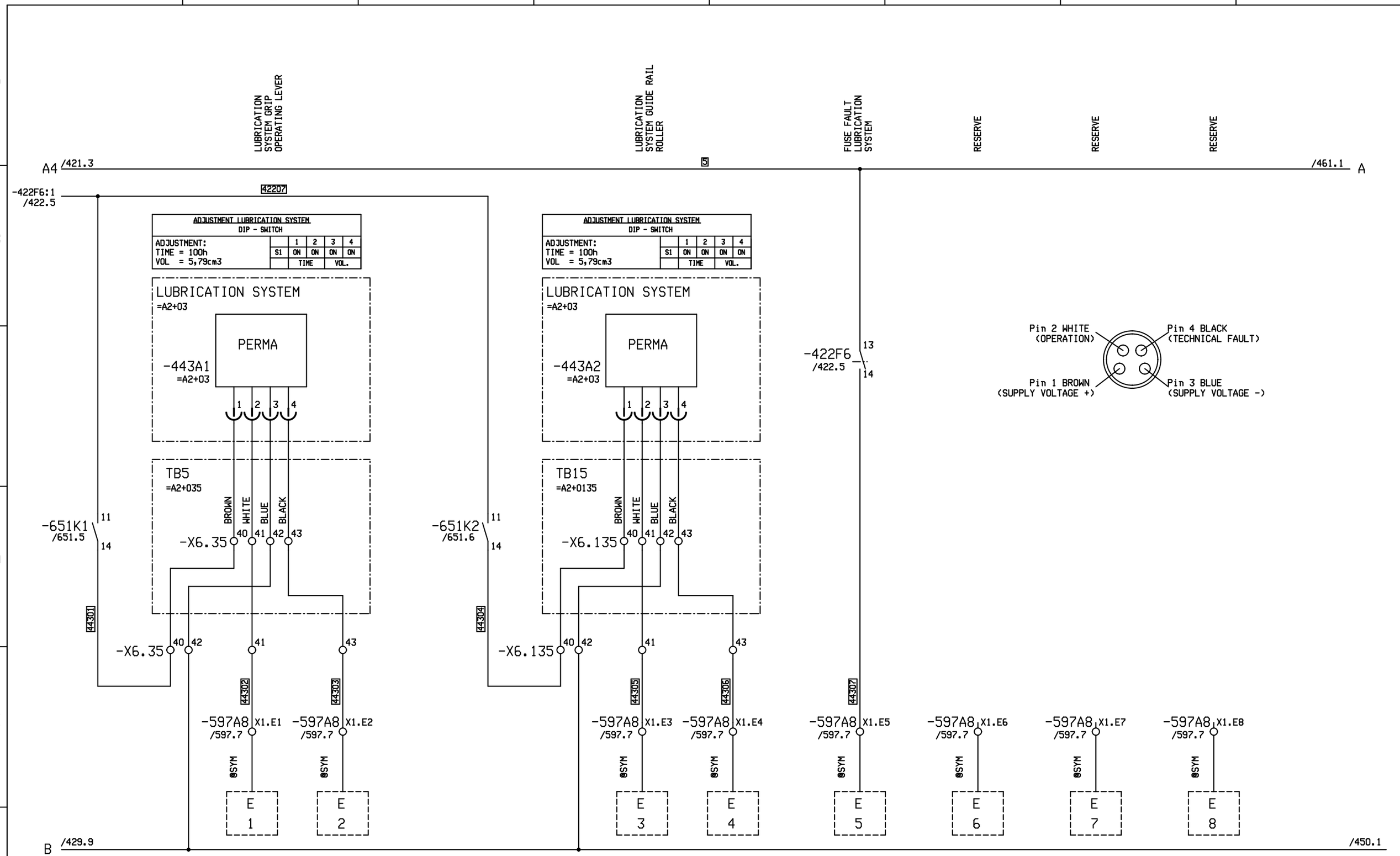
HYDR. TENS. SOLENOID

RETURN STATION | LV-CONTROL

=A2+01

Date	08.04.16
Sheet :	429
Cont.sheet:	443



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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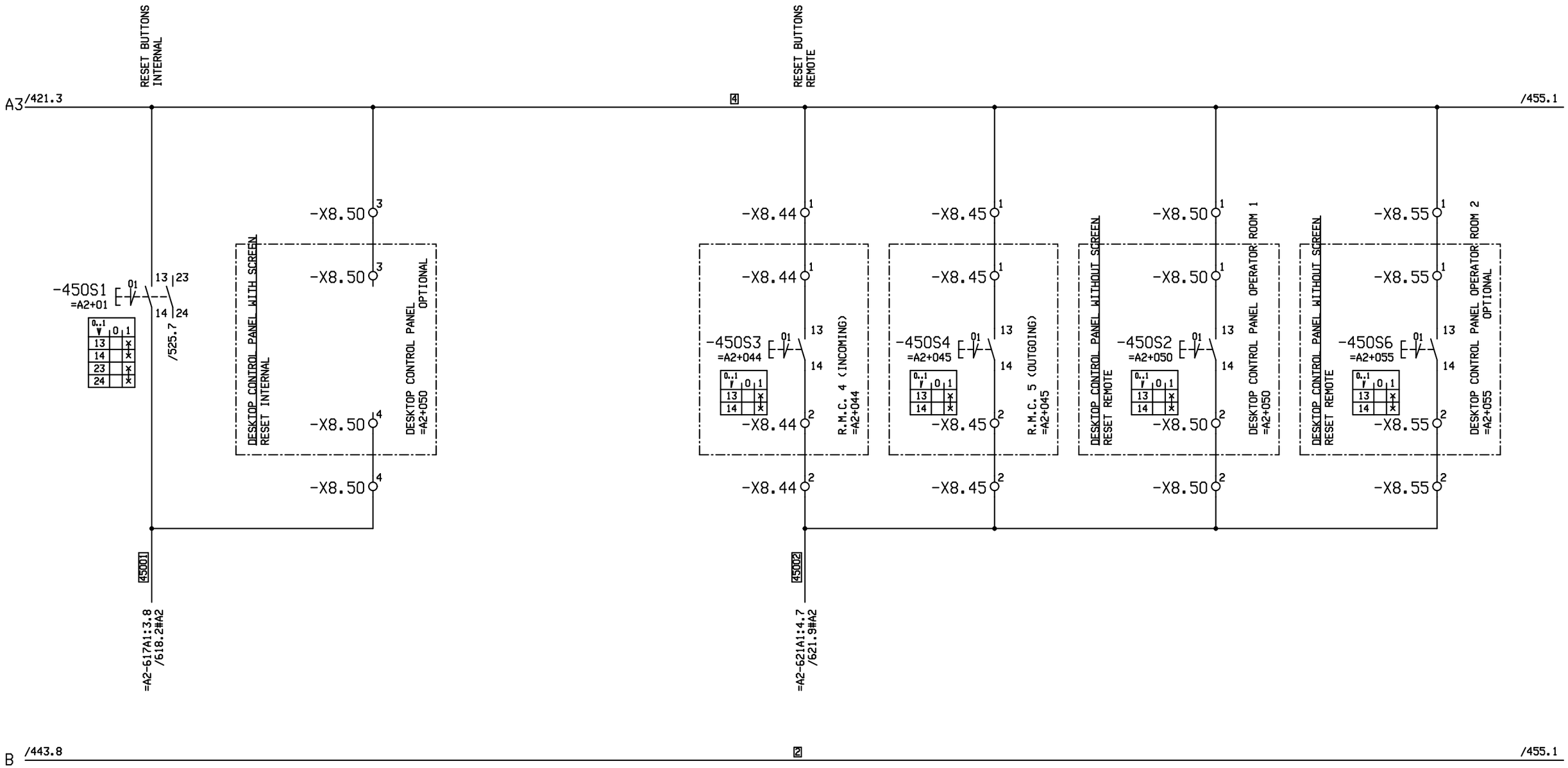
INPUT PLC BECKHOFF - LUBRICATION SYSTEM

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
Sheet :	443
Cont.sheet:	450



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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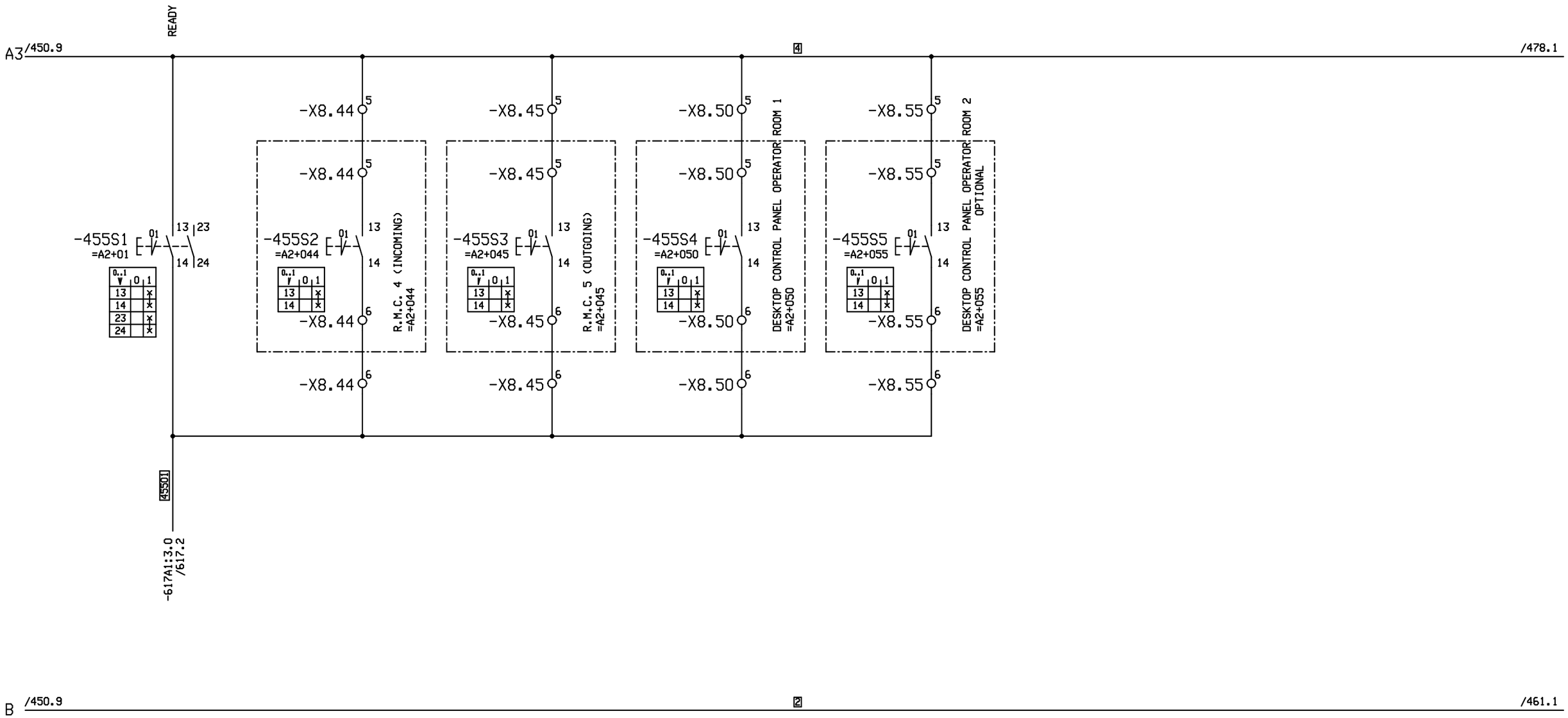
RESET BUTTONS

RETURN STATION | LV-CONTROL

=A2+01

Date	04.05.17
Sheet :	450
Cont.sheet:	455



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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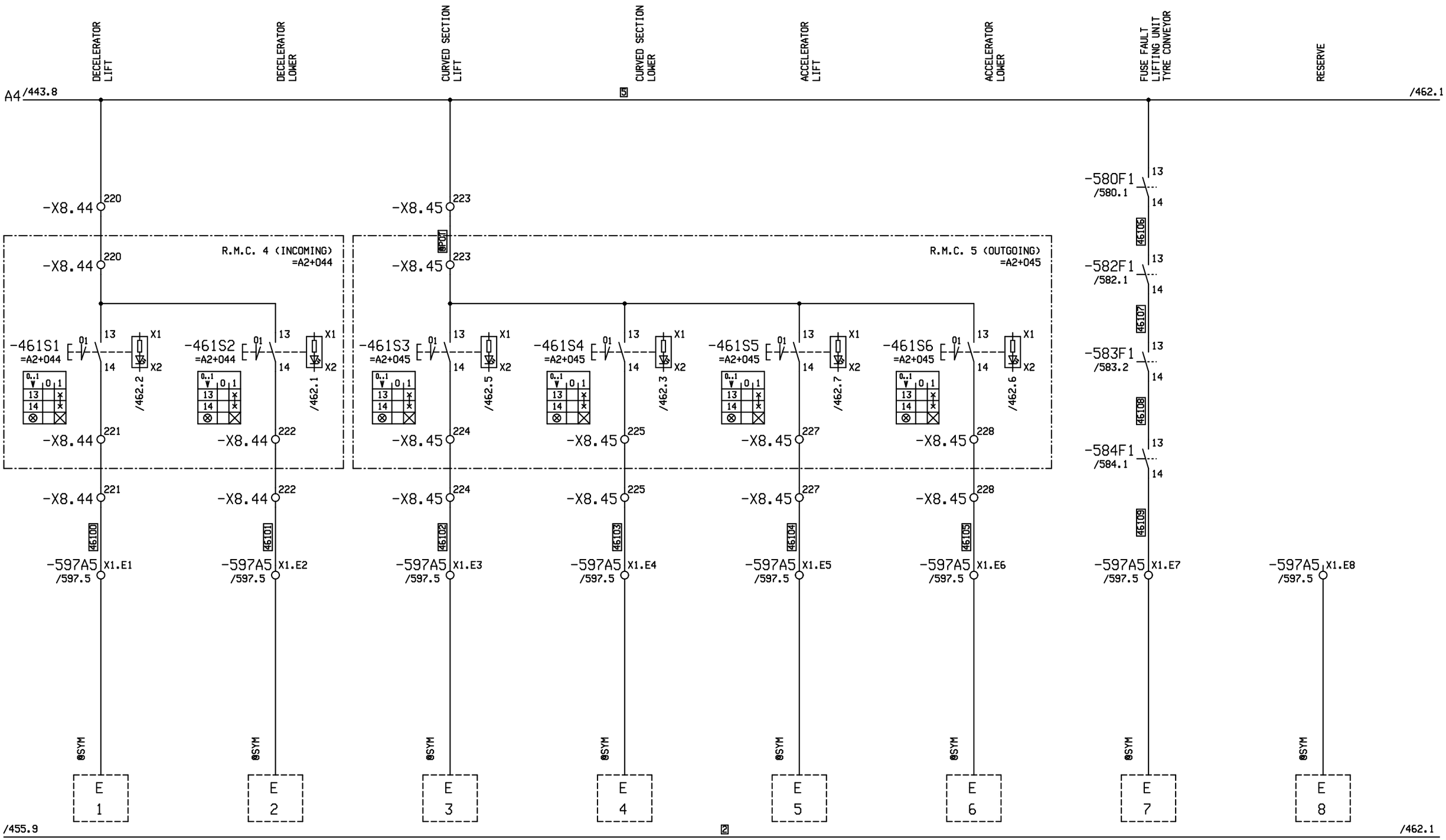
READY

RETURN STATION | LV-CONTROL

=A2+01

Date	06.04.16
Sheet :	455
Cont.sheet:	461



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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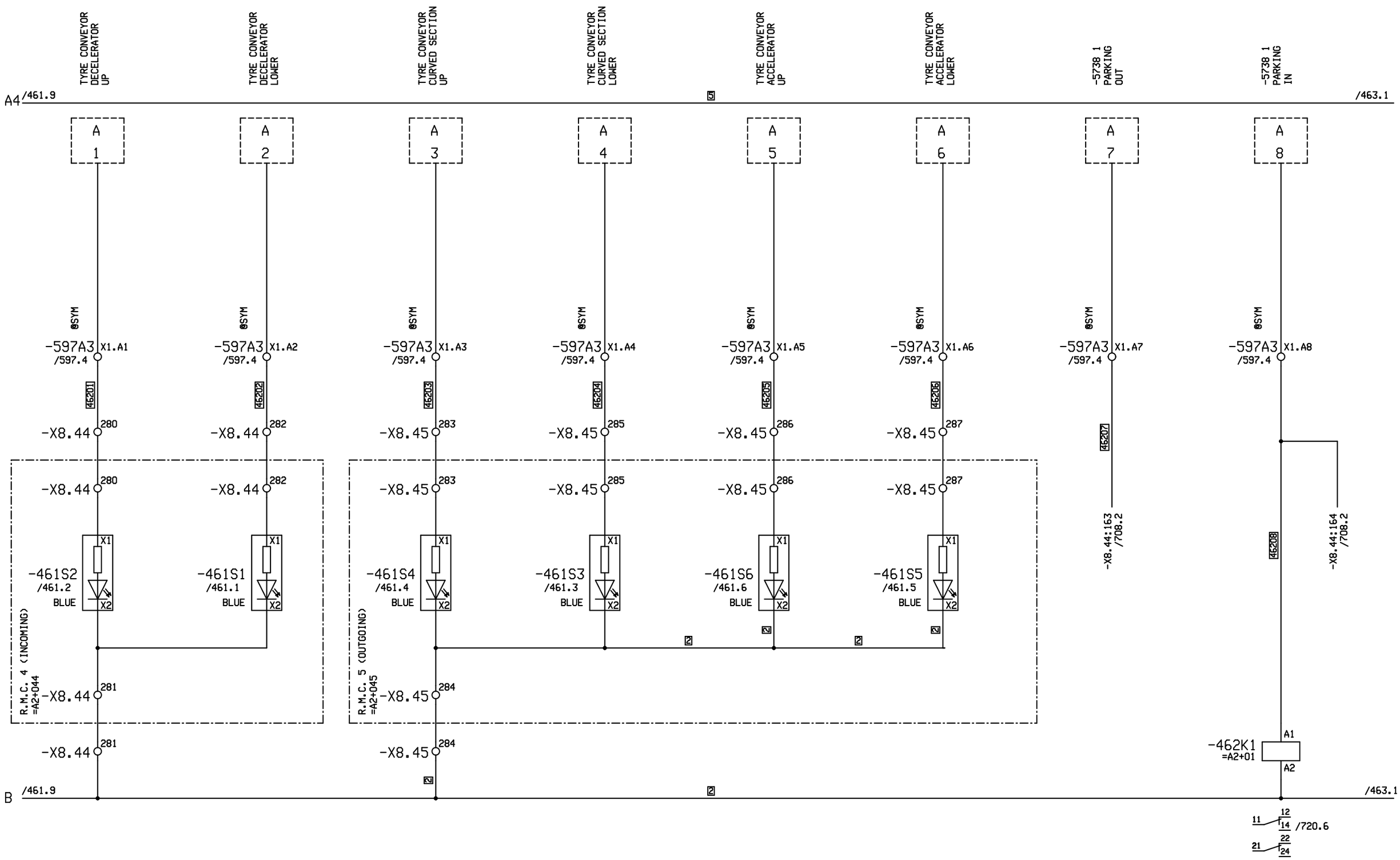
INPUT PLC BECKHOFF - BUTTONS - TYRE CONVEYOR

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
Sheet :	461
Cont.sheet:	462



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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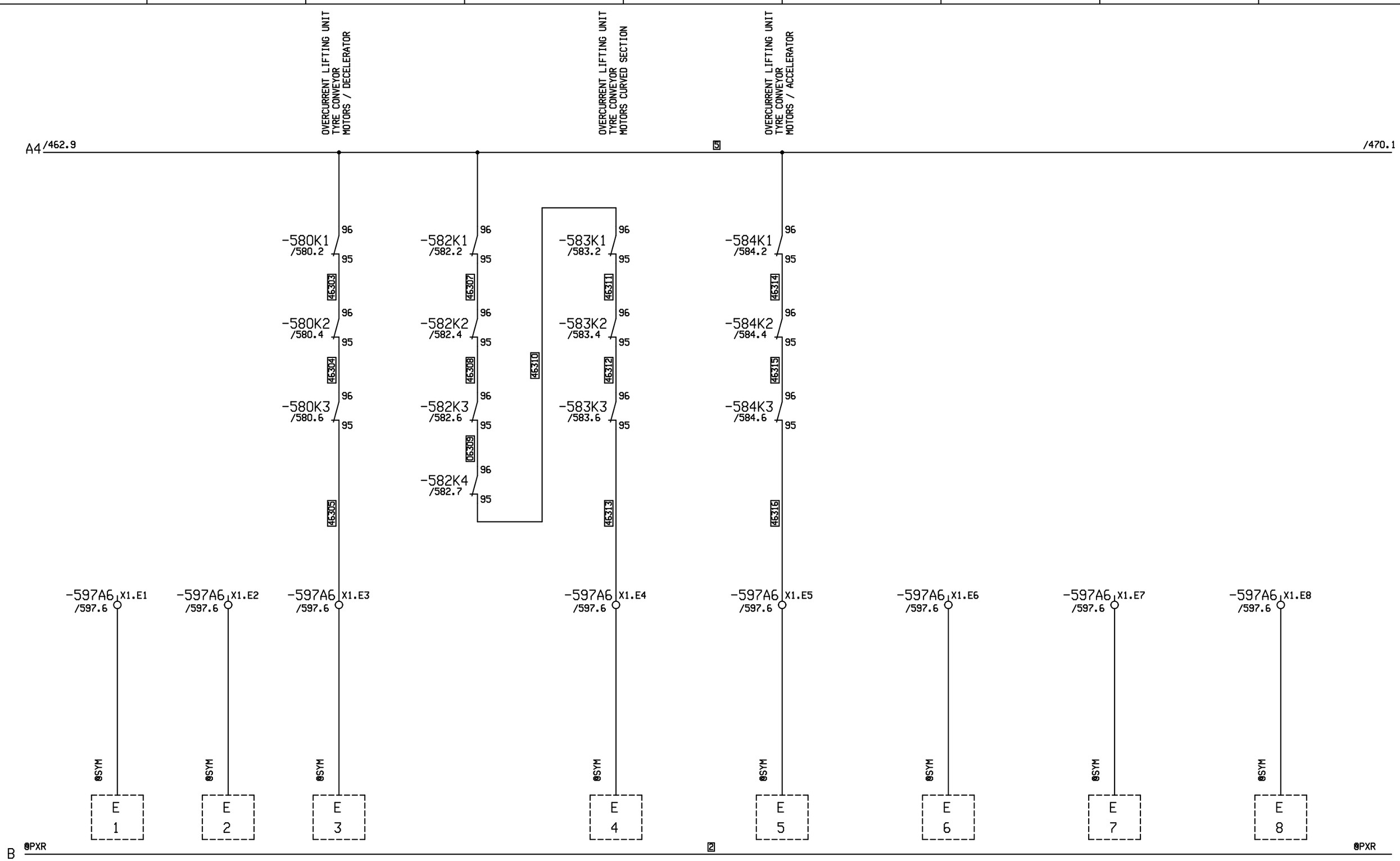
OUTPUT PLC BECKHOFF - CONTROL LIGHTS - TYRE CONVEYOR

RETURN STATION | LV-CONTROL

=A2+01

Date	26.07.16
Sheet :	462
Cont.sheet:	463



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

10-MGD BaNa5
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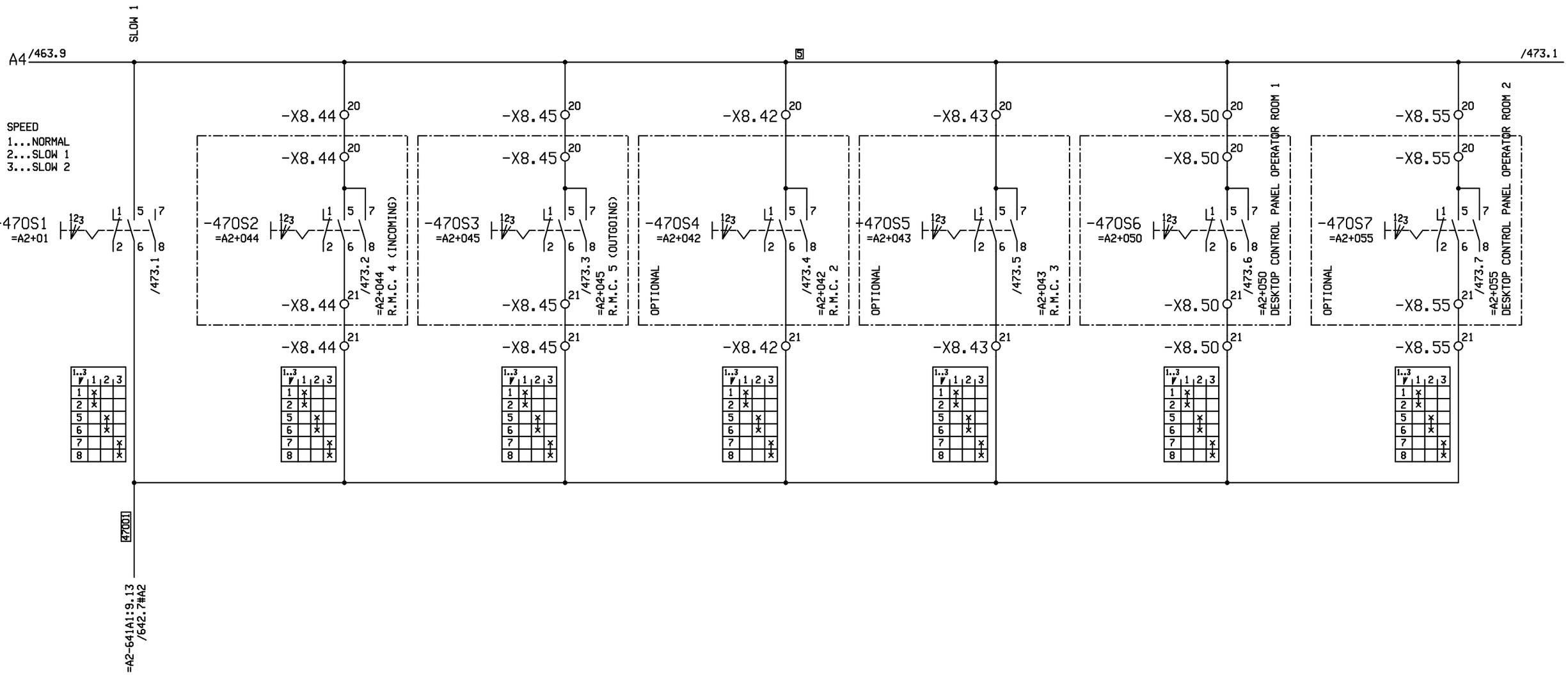
INPUT PLC BECKHOFF - OVERCURRENT - TYRE CONVEYOR

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
Sheet :	463
Cont.sheet:	470



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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SLOW 1

RETURN STATION | LV-CONTROL

=A2+01

Date	07.04.16
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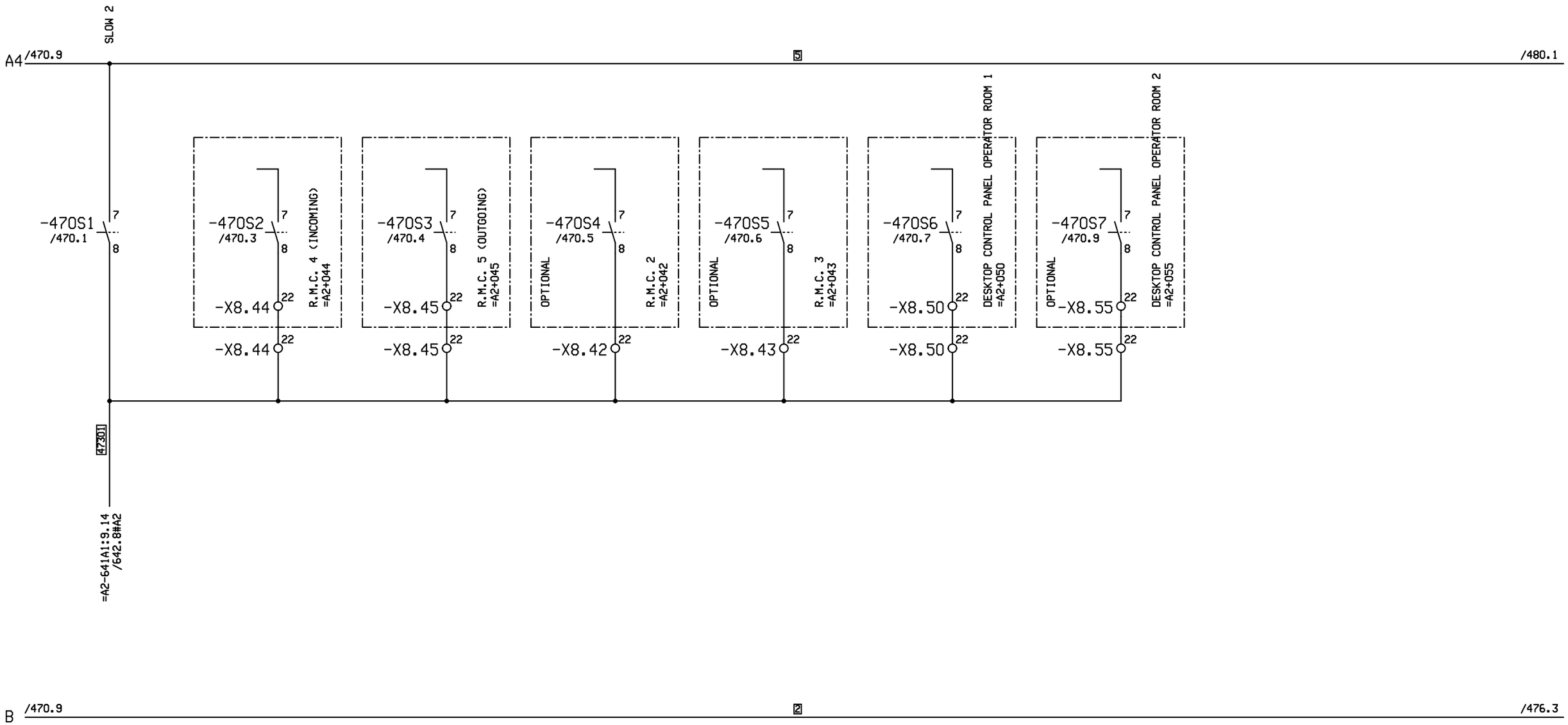
Cont.sheet:	473



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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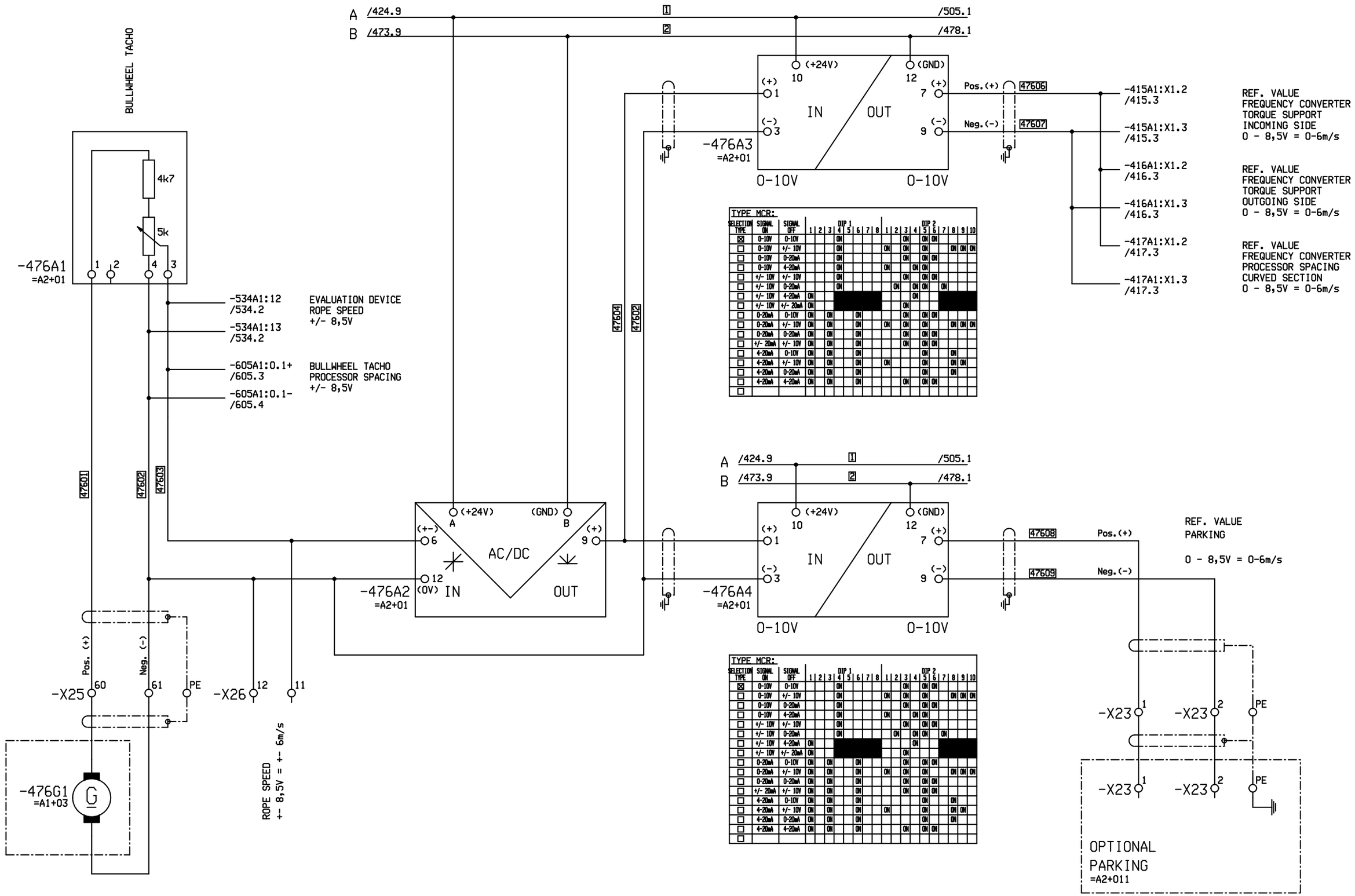
SLOW 2

RETURN STATION | LV-CONTROL

=A2+01

Date	15.03.16
Sheet :	473
Cont.sheet:	476



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☐	0-10V	+/- 10V				ON					ON		ON		ON			ON	ON	ON
☐	0-10V	0-20mA				ON							ON		ON	ON				
☐	0-10V	4-20mA				ON					ON			ON	ON					
☐	+/- 10V	+/- 10V				ON							ON		ON	ON				
☐	+/- 10V	0-20mA				ON						ON		ON	ON		ON			
☐	+/- 10V	4-20mA	ON											ON						
☐	+/- 10V	+/- 20mA	ON										ON							
☐	0-20mA	0-10V	ON		ON			ON					ON			ON	ON			
☐	0-20mA	+/- 10V	ON		ON			ON			ON		ON			ON		ON	ON	ON
☐	0-20mA	0-20mA	ON		ON			ON					ON			ON	ON			
☐	+/- 20mA	+/- 10V	ON		ON			ON					ON			ON	ON			
☐	4-20mA	0-10V	ON		ON			ON								ON			ON	
☐	4-20mA	+/- 10V	ON		ON			ON			ON					ON			ON	ON
☐	4-20mA	0-20mA	ON		ON			ON								ON			ON	
☐	4-20mA	4-20mA	ON		ON			ON					ON			ON	ON			
☐																				

TYPE MCR:

SELECTION TYPE	SIGNAL ON	SIGNAL OFF	DIP 1 1	2	3	4	5	6	7	8	DIP 2 1	2	3	4	5	6	7	8	9	10
☒	0-10V	0-10V				ON							ON		ON	ON				
☐	0-10V	+/- 10V				ON					ON		ON		ON			ON	ON	ON
☐	0-10V	0-20mA				ON							ON		ON	ON				
☐	0-10V	4-20mA				ON					ON			ON	ON					
☐	+/- 10V	+/- 10V				ON							ON		ON	ON				
☐	+/- 10V	0-20mA				ON						ON		ON	ON		ON			
☐	+/- 10V	4-20mA	ON											ON						
☐	+/- 10V	+/- 20mA	ON										ON							
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☐	4-20mA	4-20mA	ON		ON			ON					ON		ON	ON				
☐																				

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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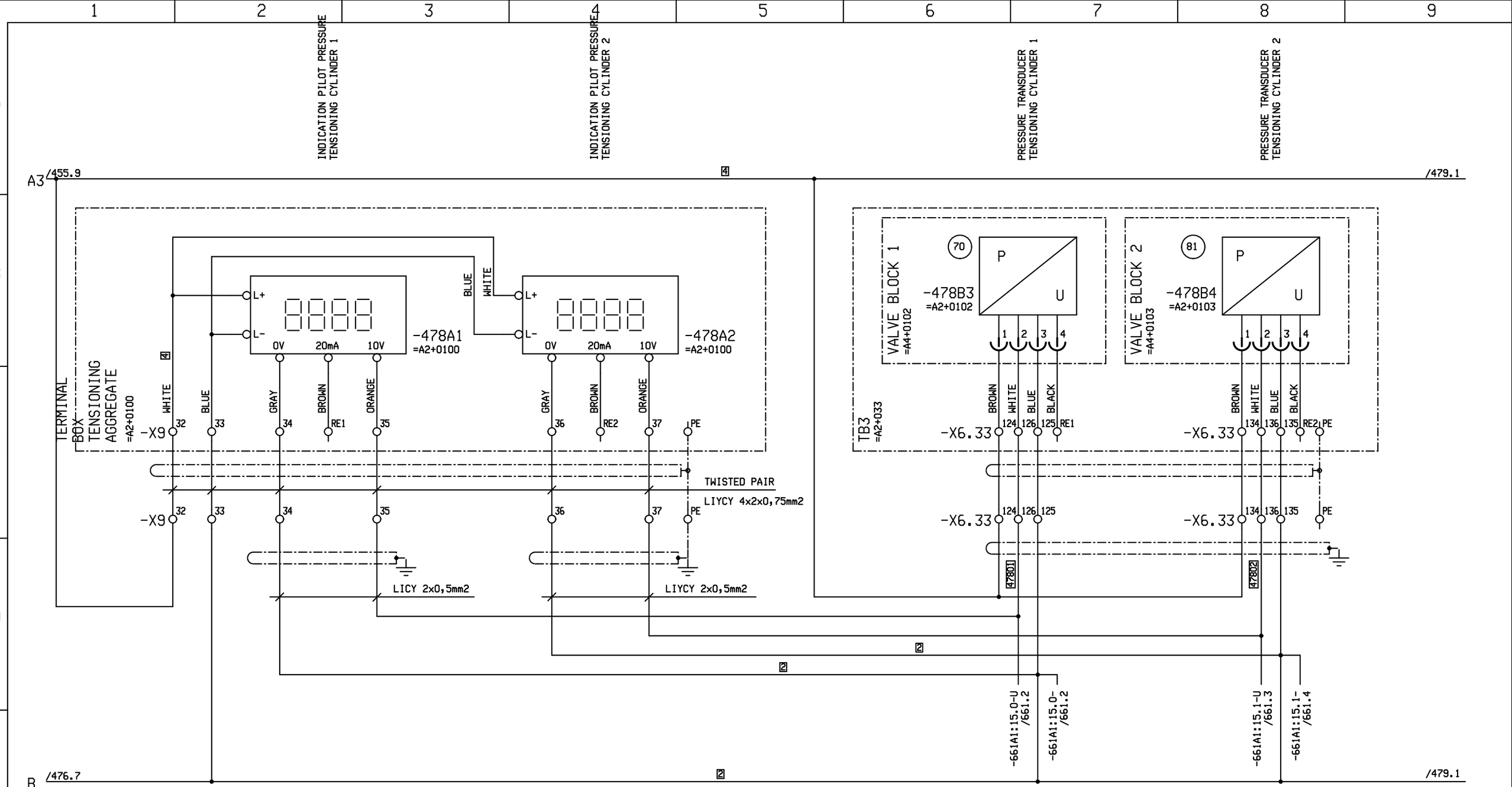
TACHO

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
Sheet :	476
Cont.sheet:	478



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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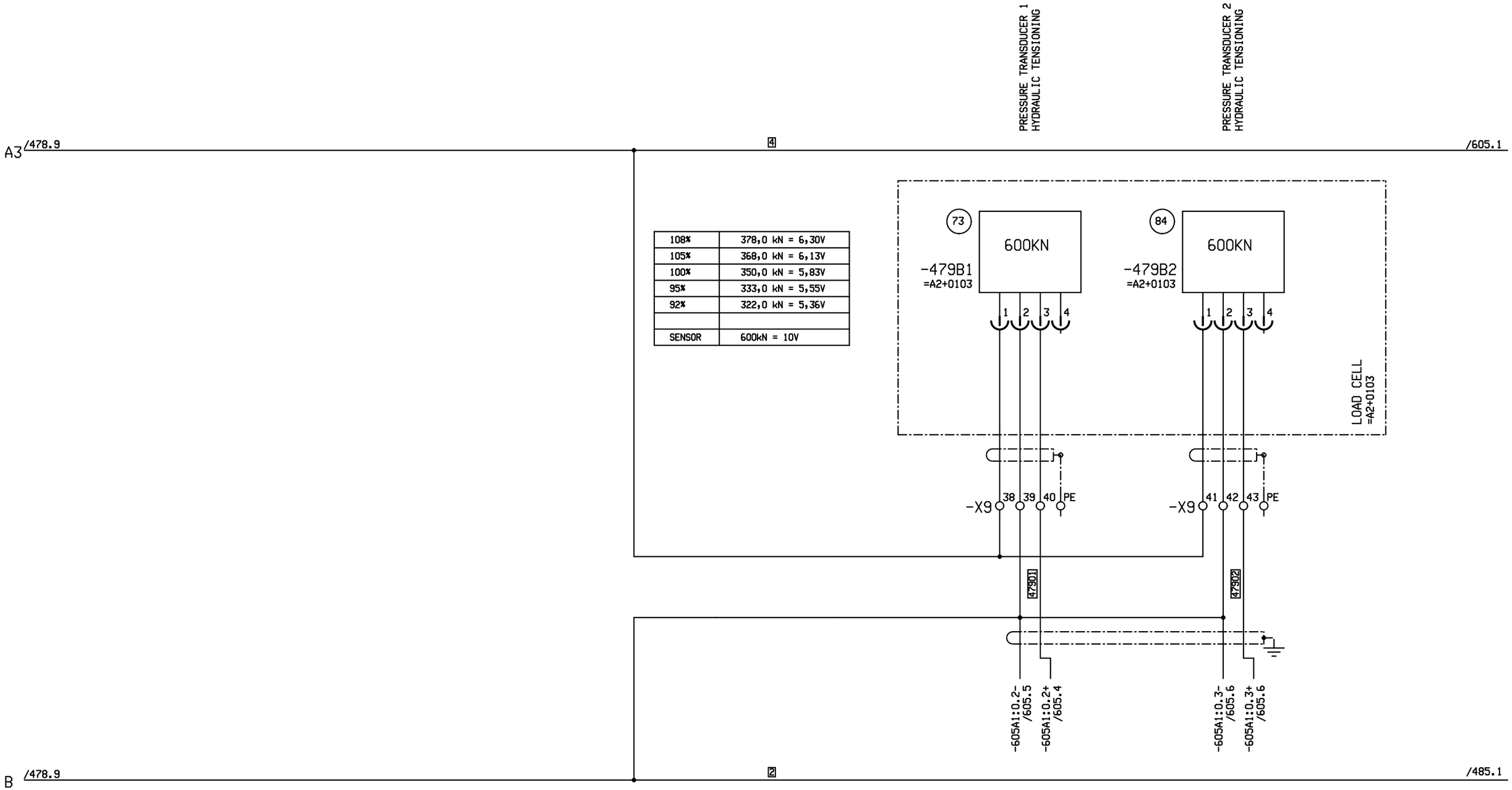
FORCE MEASUREMENT TENSIONING CYLINDER

RETURN STATION | LV-CONTROL

=A2+01

Date	04.04.16
Sheet :	478
Cont.sheet:	479



108%	378,0 kN = 6,30V
105%	368,0 kN = 6,13V
100%	350,0 kN = 5,83V
95%	333,0 kN = 5,55V
92%	322,0 kN = 5,36V
SENSOR	600kN = 10V

(XX) POS. FROM HYDRAULIK DRAWINGS

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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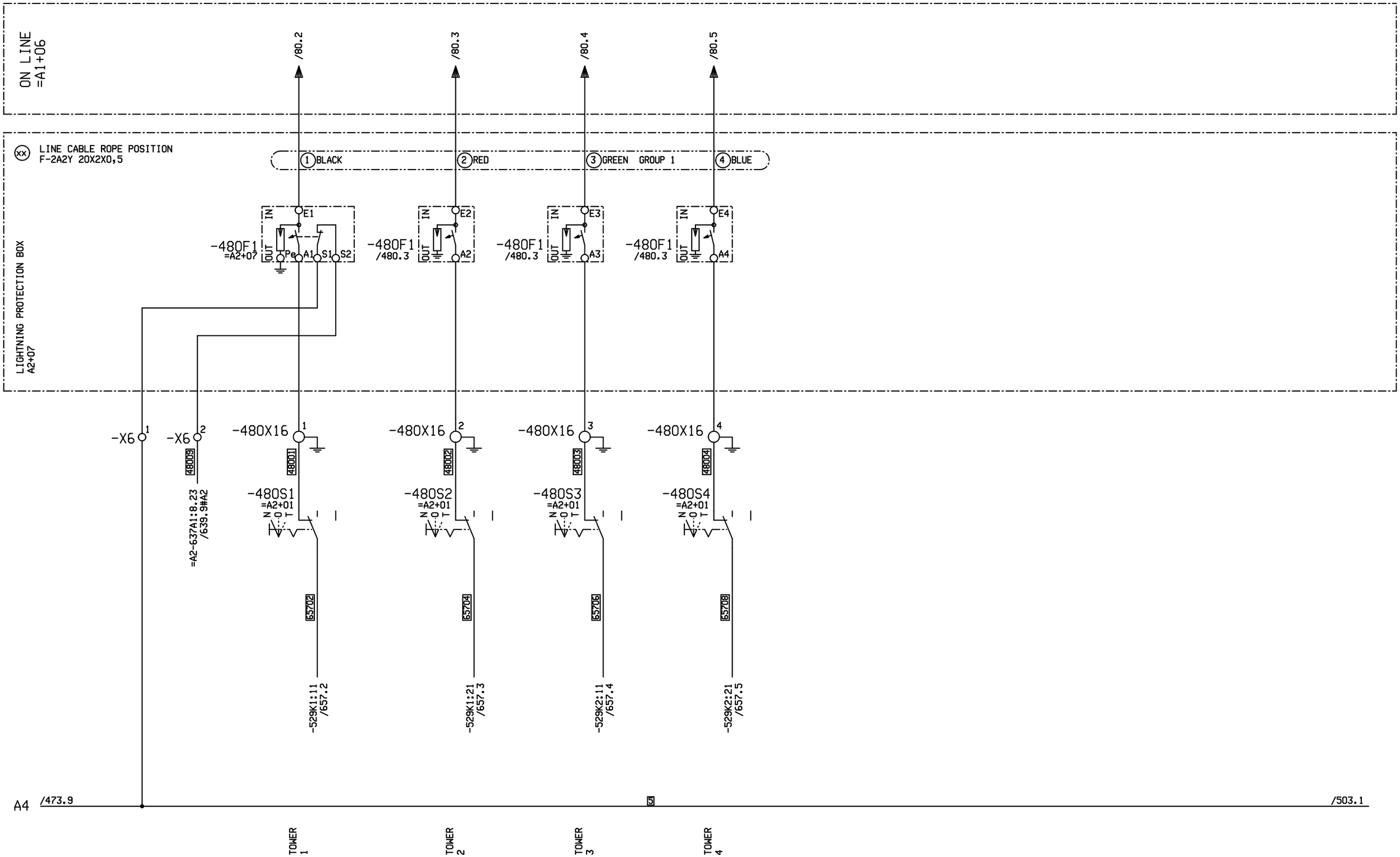
FORCE MEASUREMENT HYDRAULIC TENSIONING

RETURN STATION | LV-CONTROL

=A2+01

Date	04.05.17
Sheet :	479
Cont.sheet:	480



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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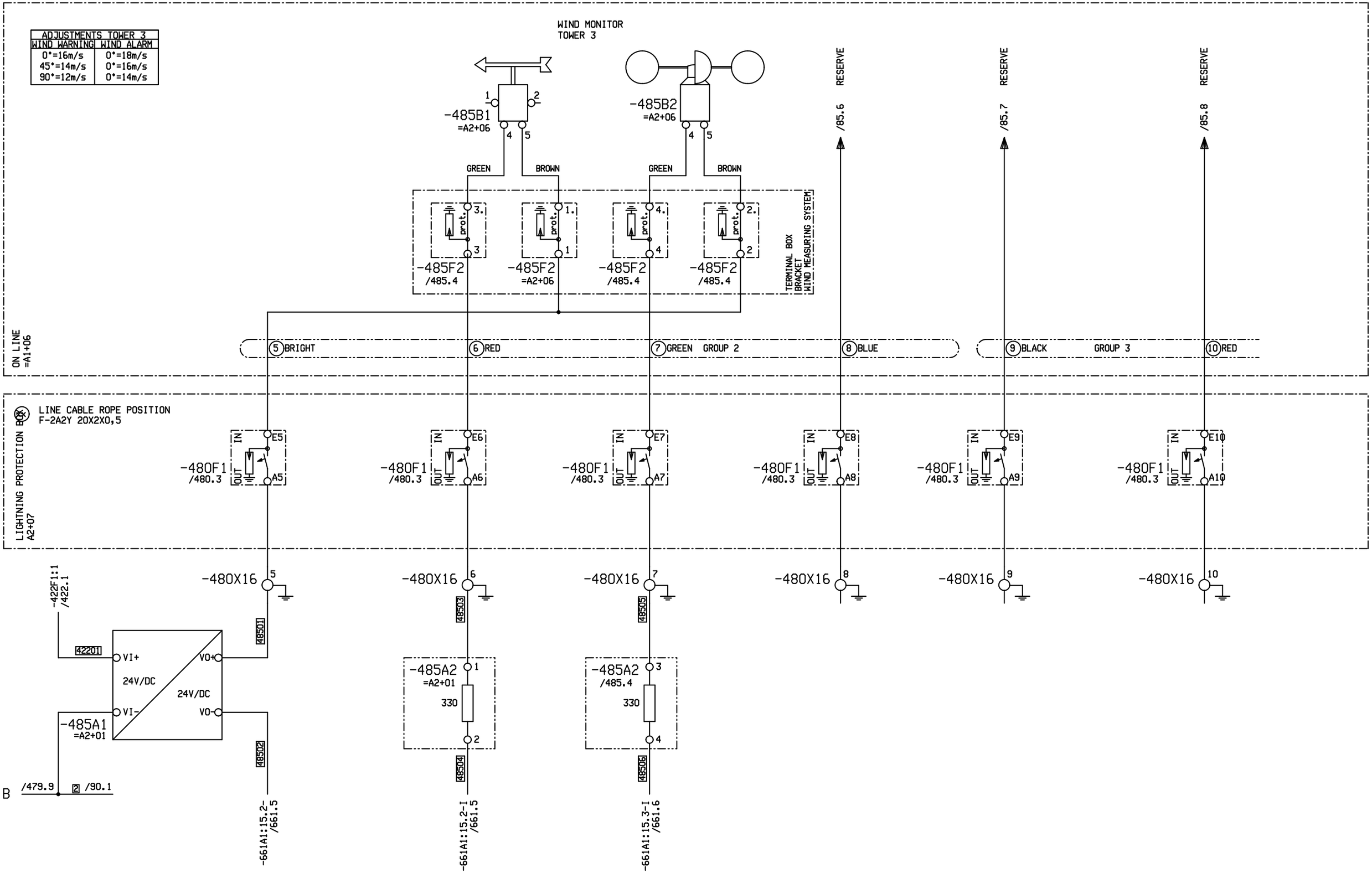
ROPE POSITION MONITORING

RETURN STATION | LV-CONTROL

=A2+01

Date	27.04.16
Sheet :	480
Cont.sheet:	485

ADJUSTMENTS TOWER 3	
WIND WARNING	WIND ALARM
0°=16m/s	0°=18m/s
45°=14m/s	0°=16m/s
90°=12m/s	0°=14m/s



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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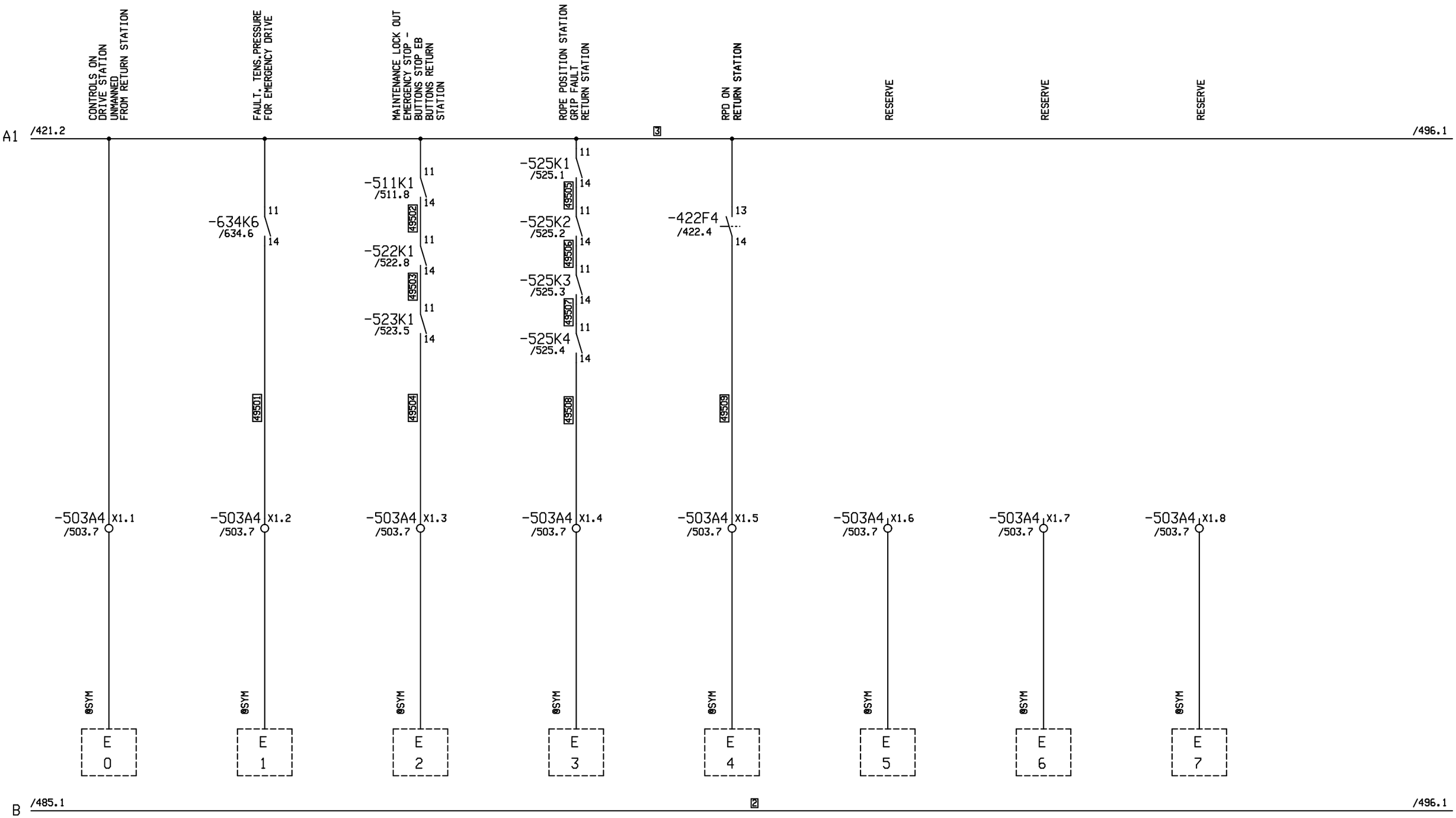
WIND WARNING

RETURN STATION | LV-CONTROL

=A2+01

Date	20.04.16
Sheet :	485
Cont.sheet:	495



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma

File: GEWAA4186

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CONNECTIONS DRIVE STATION FIBER OPTIC CABLE - CONVERTER TRANSMITTER

RETURN STATION | LV-CONTROL

=A2+01

Date	20.04.16
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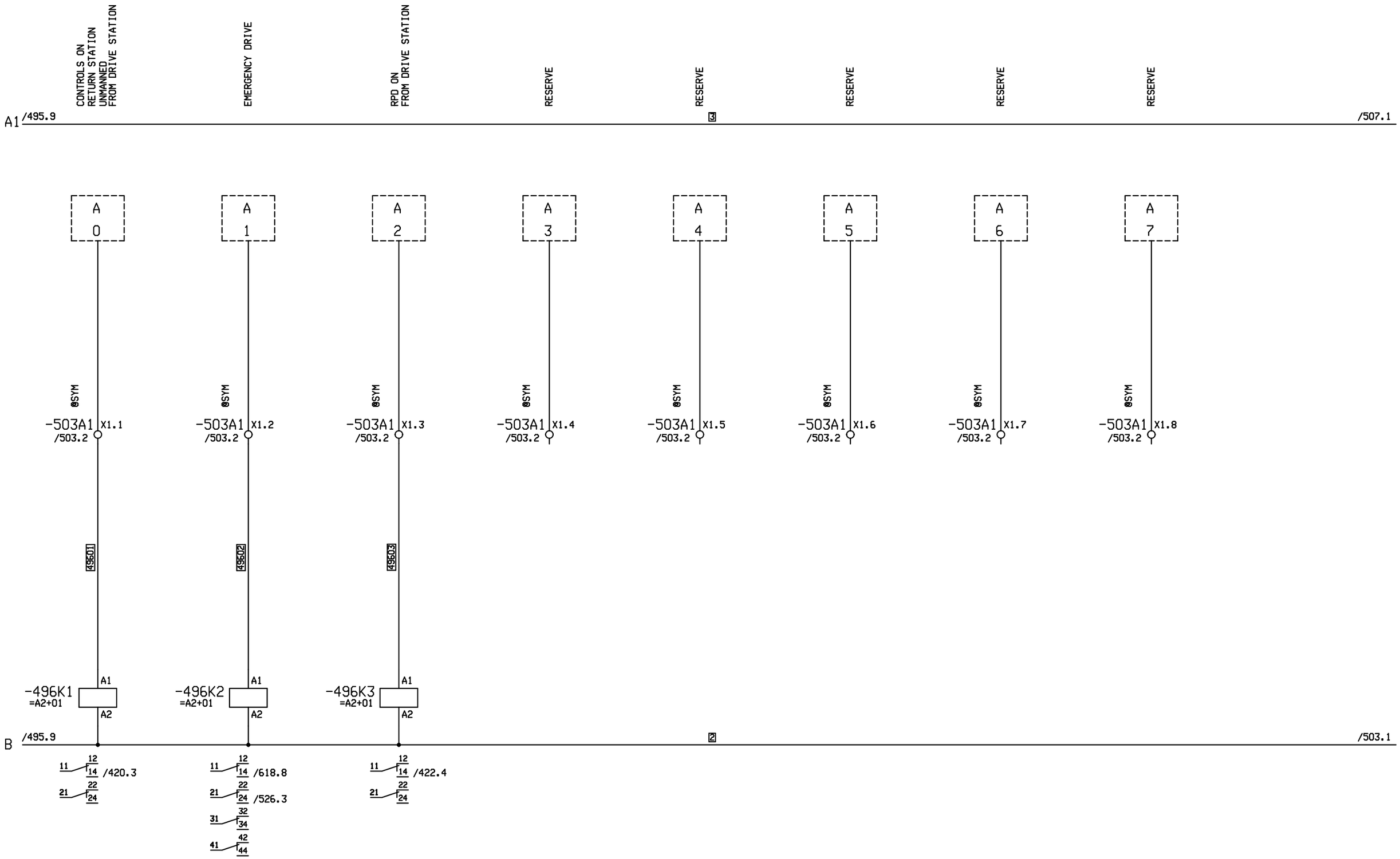

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

10-MGD BaNa5
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CONNECTIONS DRIVE STATION FIBER OPTIC CABLE - CONVERTER RECEIVER

RETURN STATION | LV-CONTROL

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Date	13.10.16
Sheet :	496
Cont.sheet:	503

FIBER OPTIC CABLE - CONVERTER RECEIVER

FIBER OPTIC CABLE - CONVERTER TRANSMITTER

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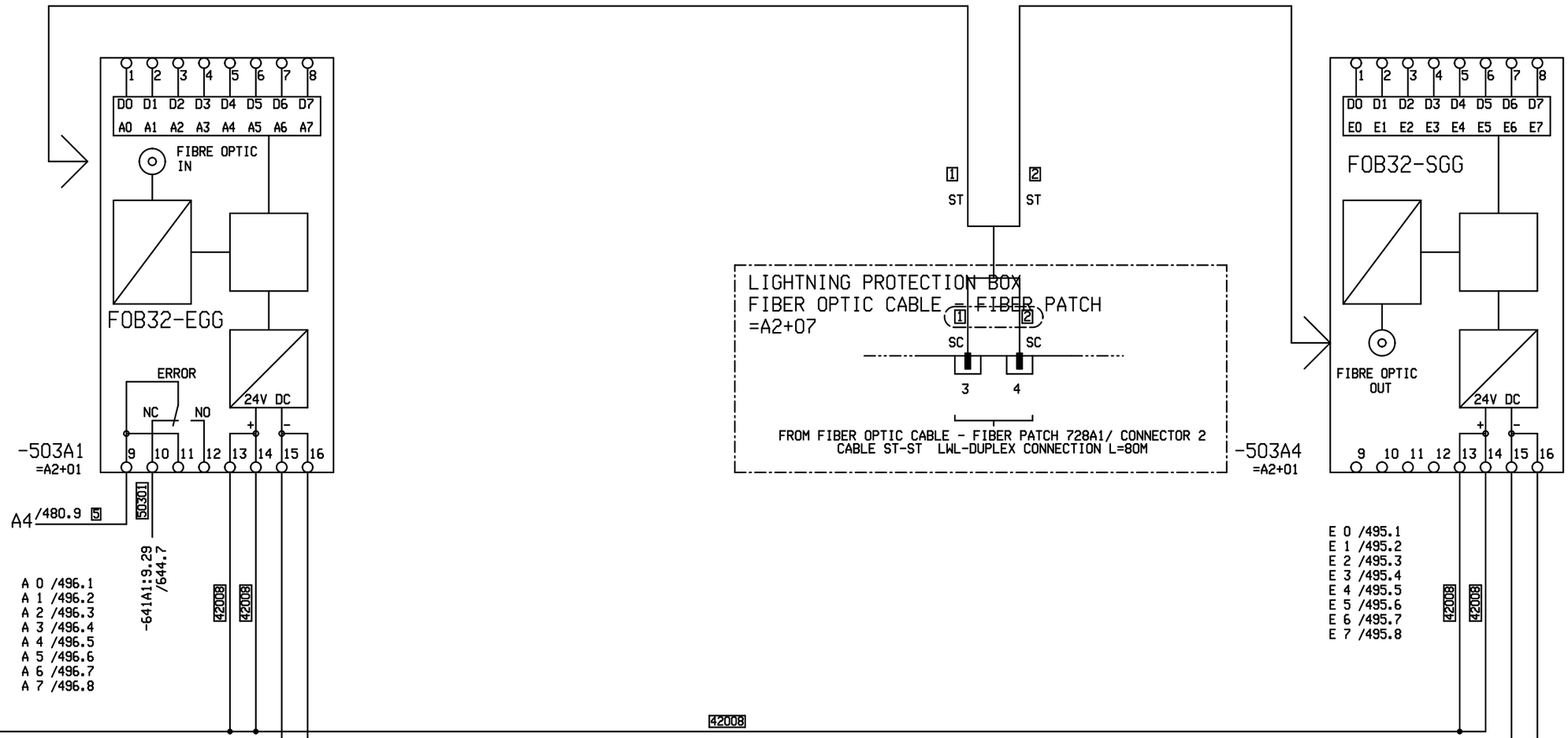

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ACHTUNG! EMPFANGSEINHEIT UND SENDEEINHEIT DÜRFEN NICHT
ZUSAMMENGESTECKT WERDEN --> KLEMME ZWISCHEN DIE ZWEI EINHEITEN MONTIEREN!

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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FIBER OPTIC CABLE - CONVERTER TRANSMITTER RECEIVER

RETURN STATION | LV-CONTROL

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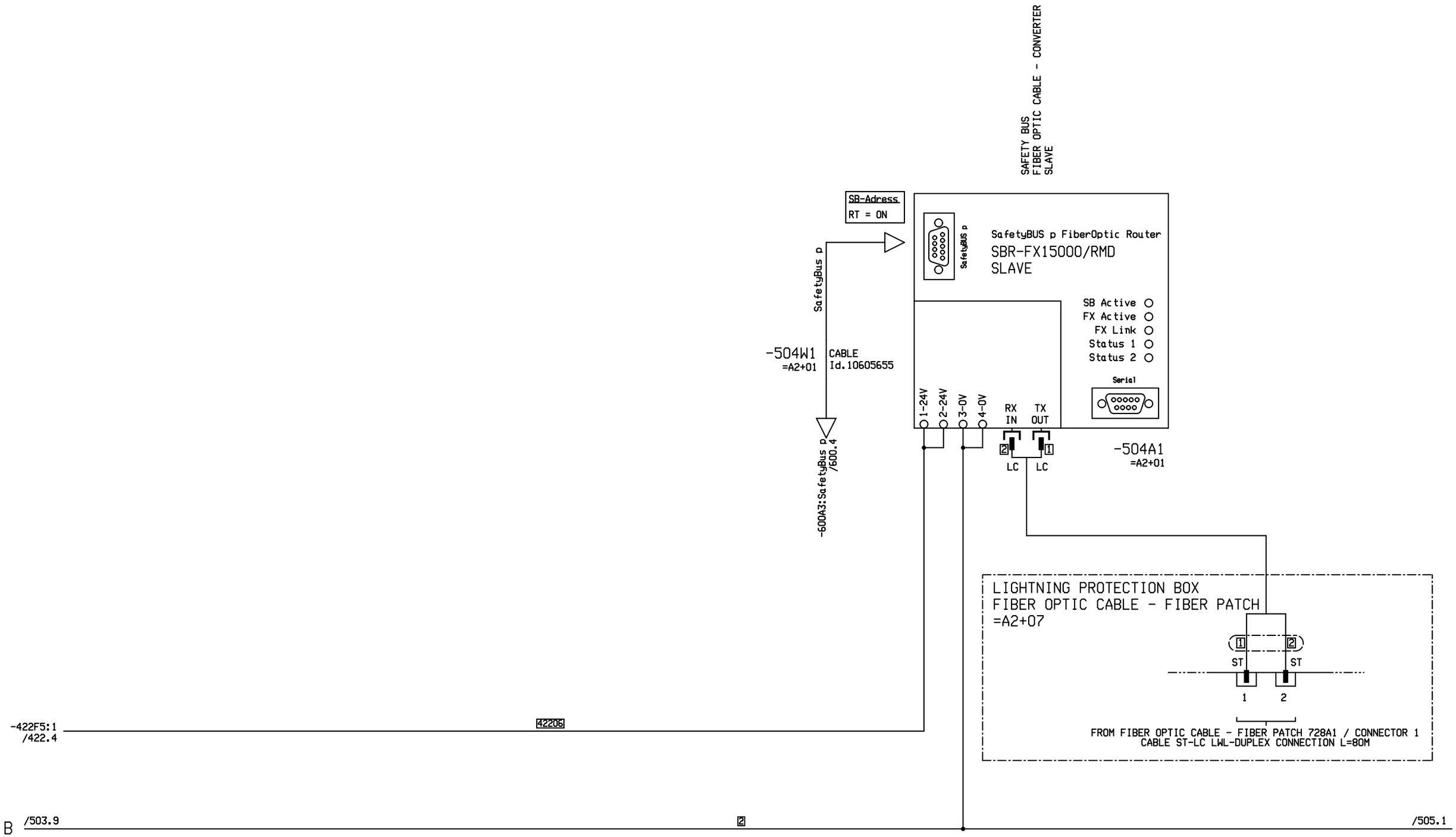

Revision	2.0	Drawn by	SST
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File:	GEWAA4186		

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FIBER OPTIC CABLE - CONVERTER

RETURN STATION | LV-CONTROL

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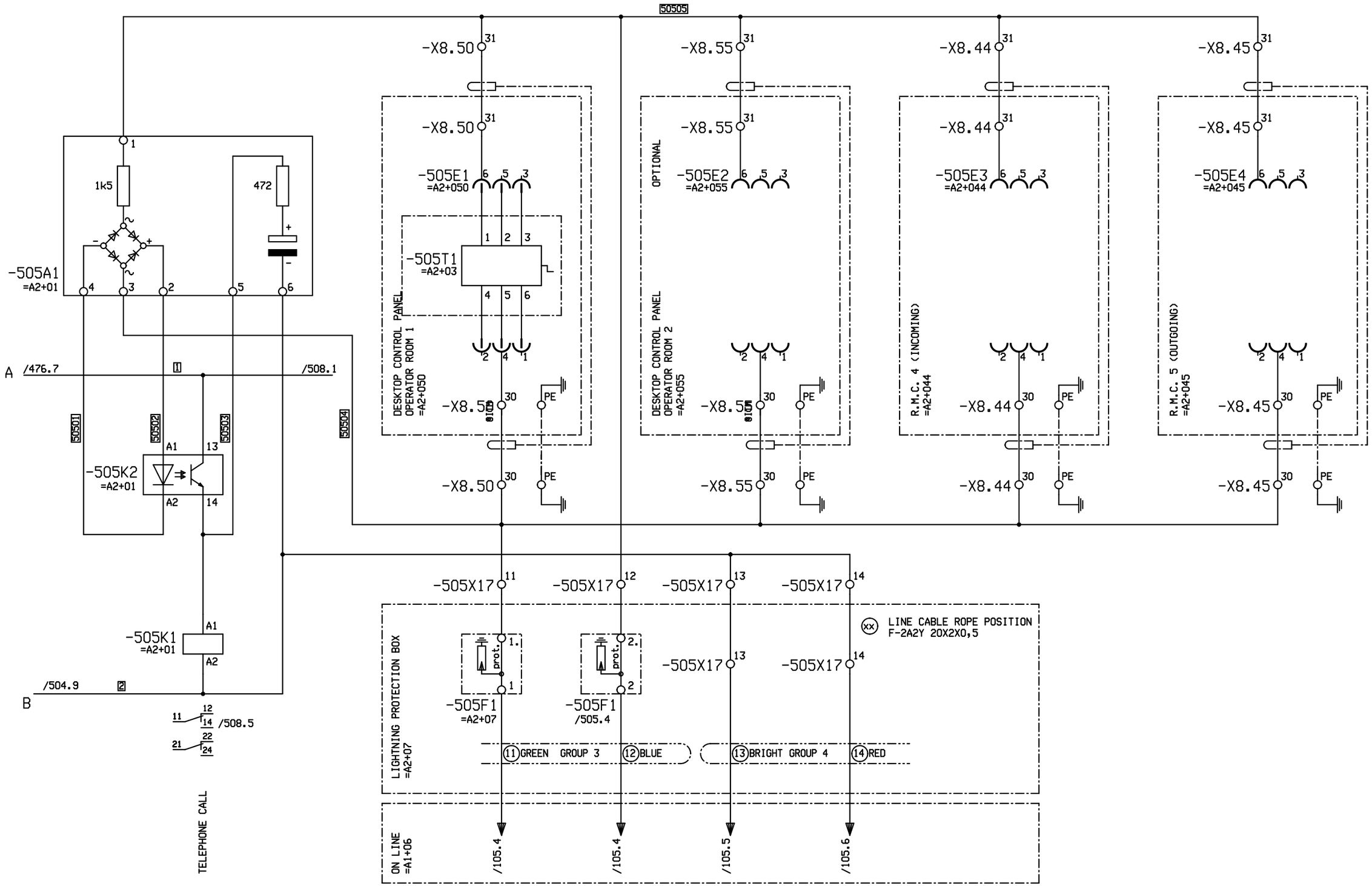

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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TELEPHONE

RETURN STATION | LV-CONTROL

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Date	13.10.16
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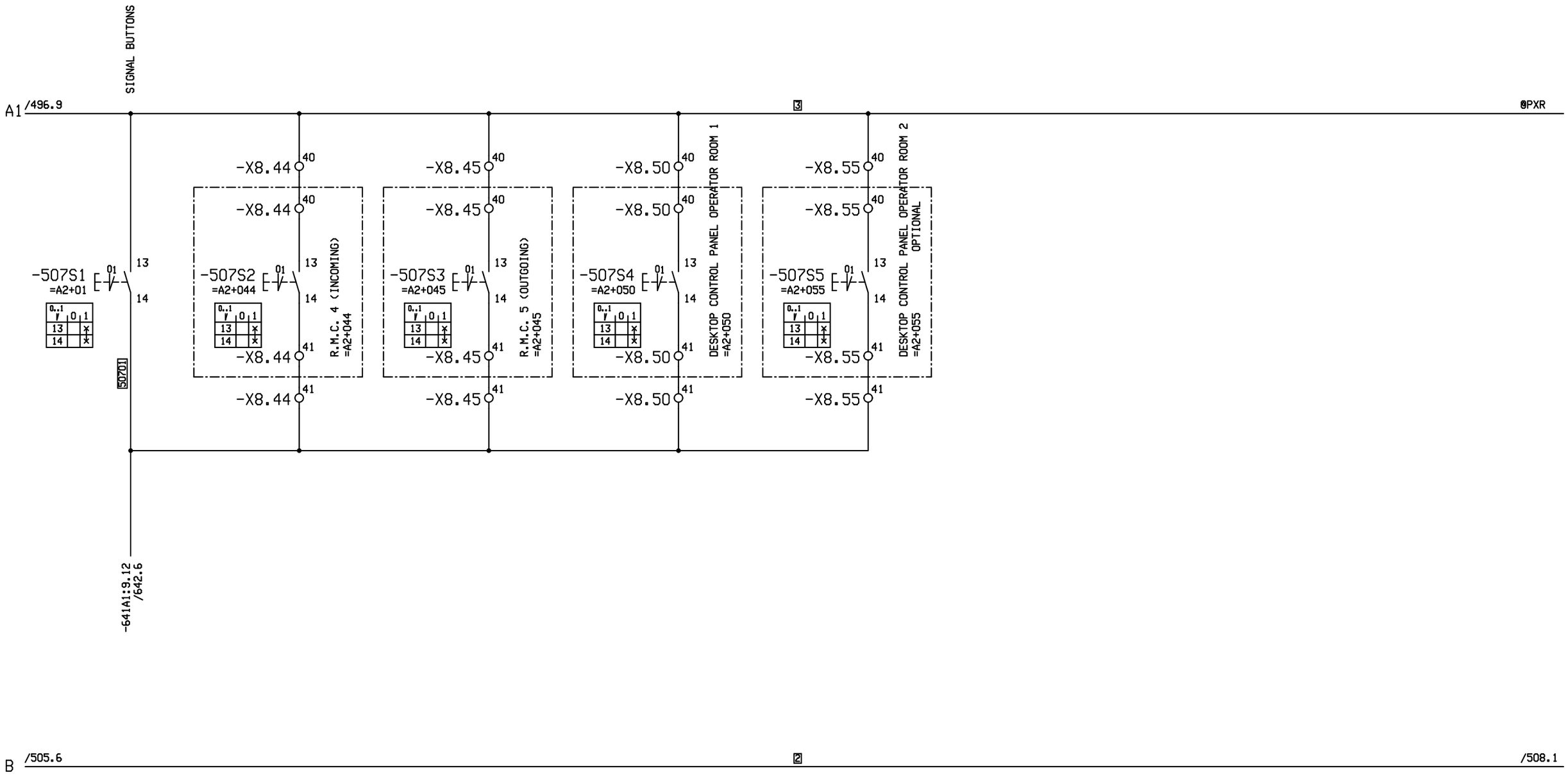
Cont.sheet:	507



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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SIGNAL BUTTONS

RETURN STATION | LV-CONTROL

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Date	21.03.16
Sheet :	507
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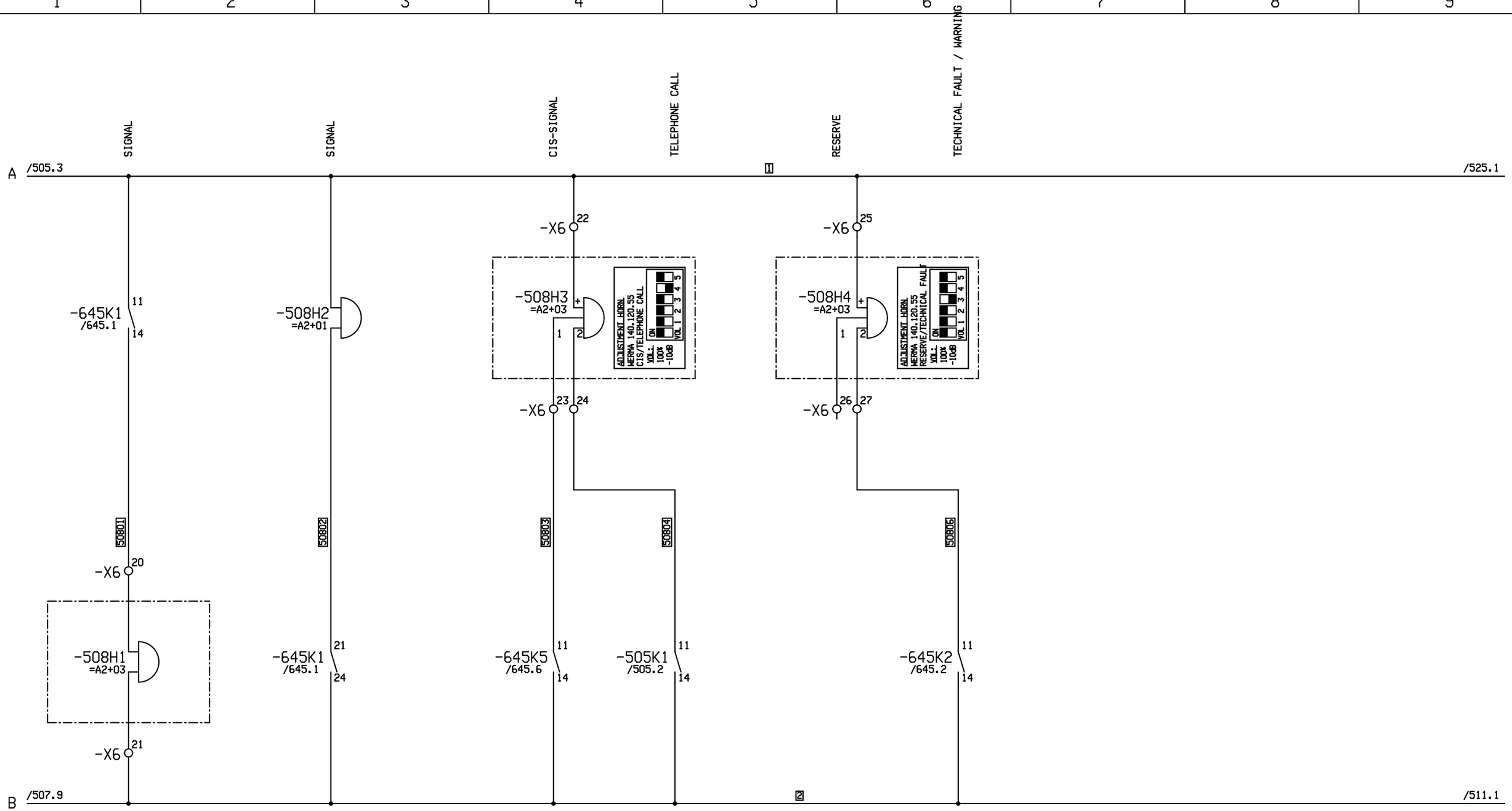

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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SIGNAL

RETURN STATION | LV-CONTROL

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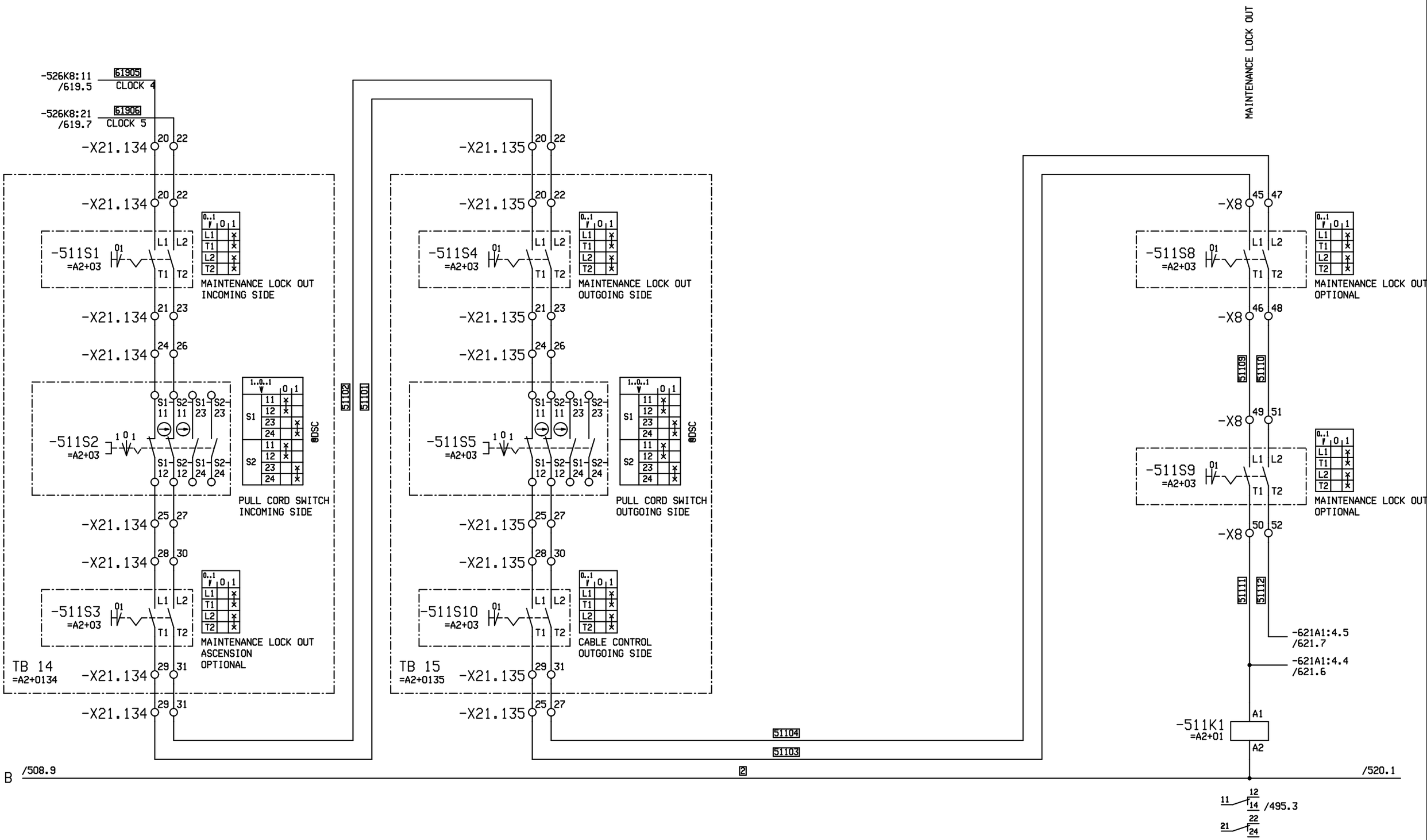

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma

File: GEWAA4186

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MAINTENANCE LOCK OUT

RETURN STATION | LV-CONTROL

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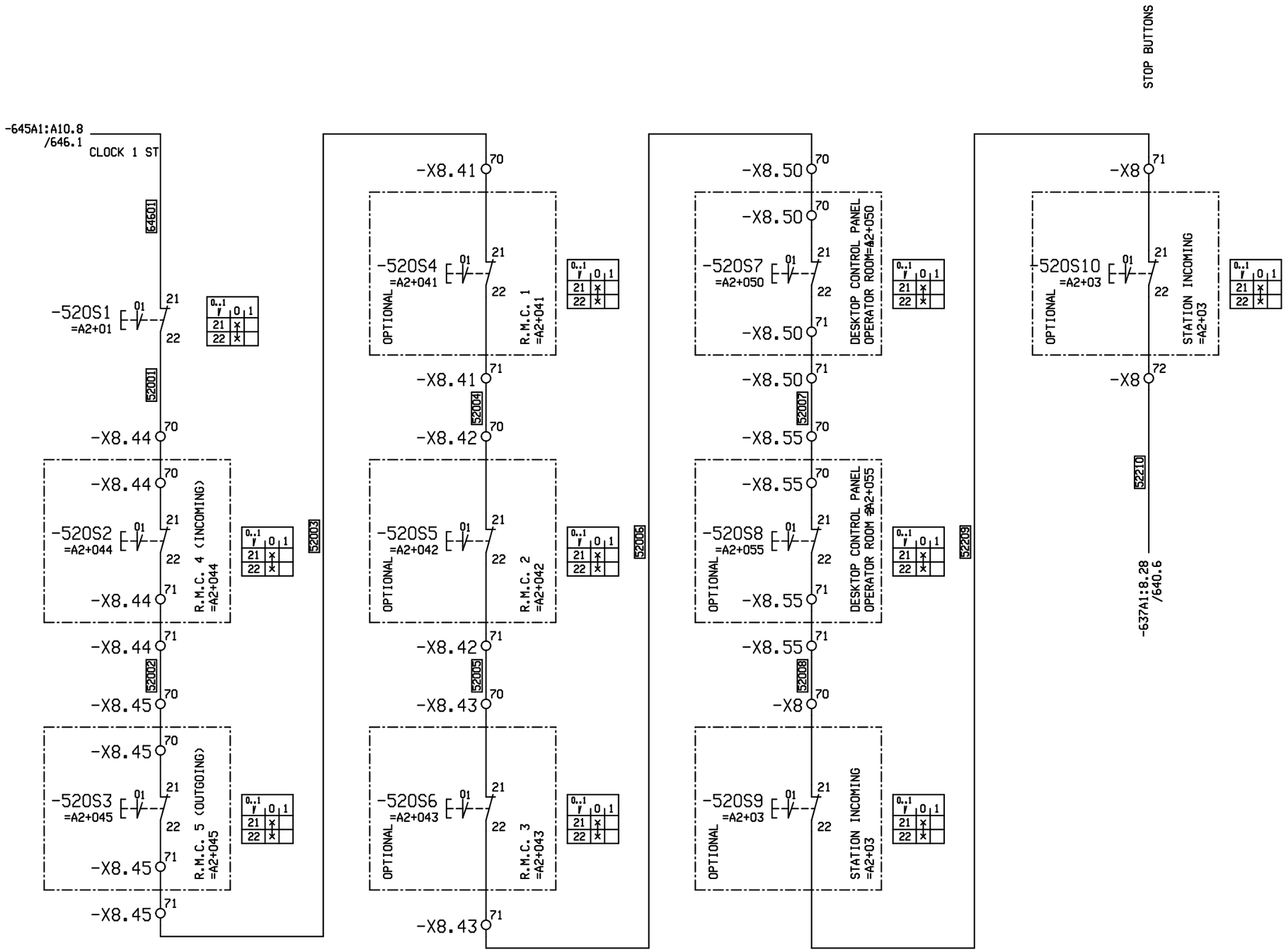

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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STOP BUTTONS

RETURN STATION | LV-CONTROL

=A2+01

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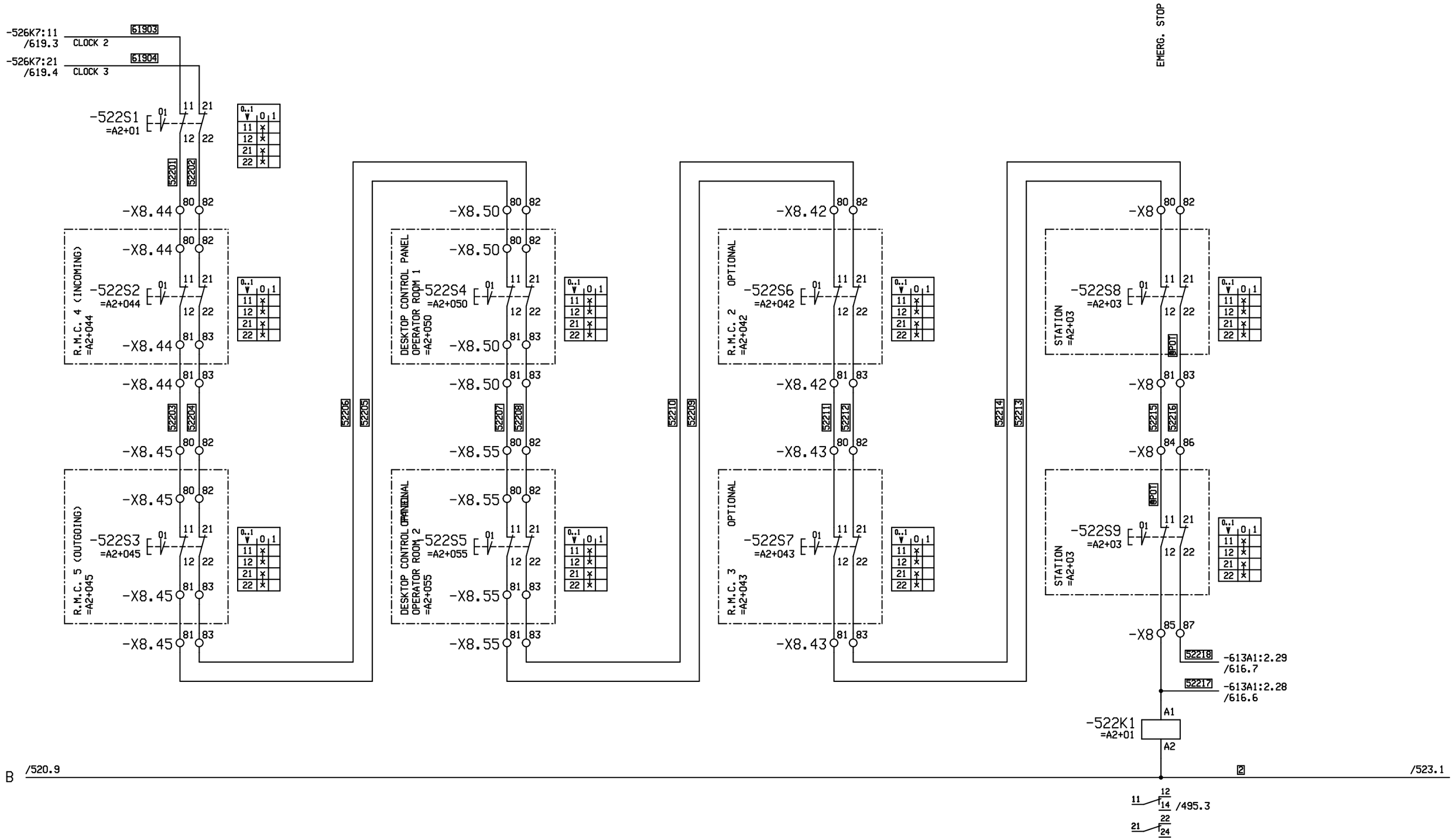
Cont.sheet:	522



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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EMERG. STOP BUTTONS

RETURN STATION | LV-CONTROL

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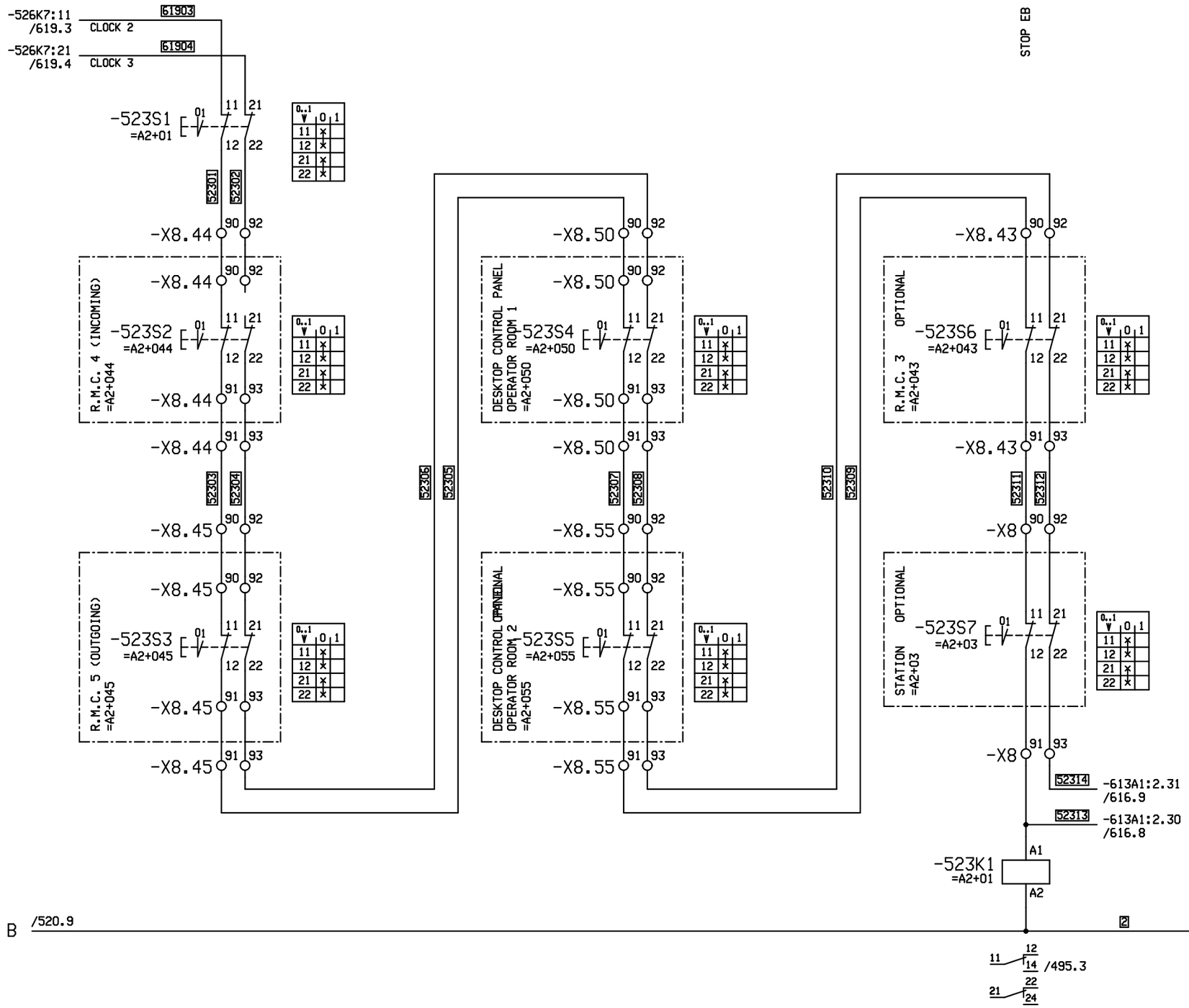

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Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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STOP EB BUTTONS

RETURN STATION | LV-CONTROL

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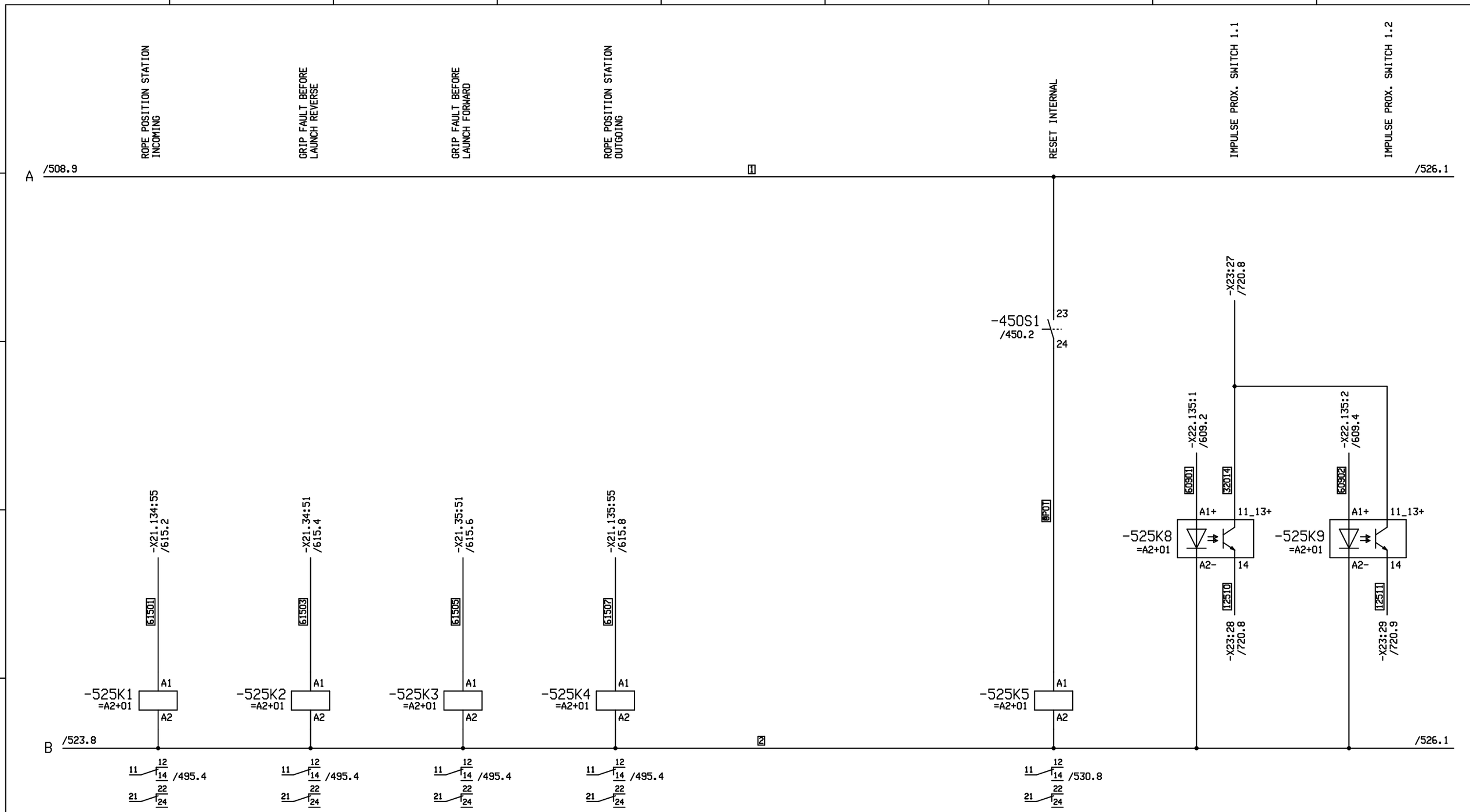

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma

File: GEWAA4186

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RELAY

RETURN STATION | LV-CONTROL

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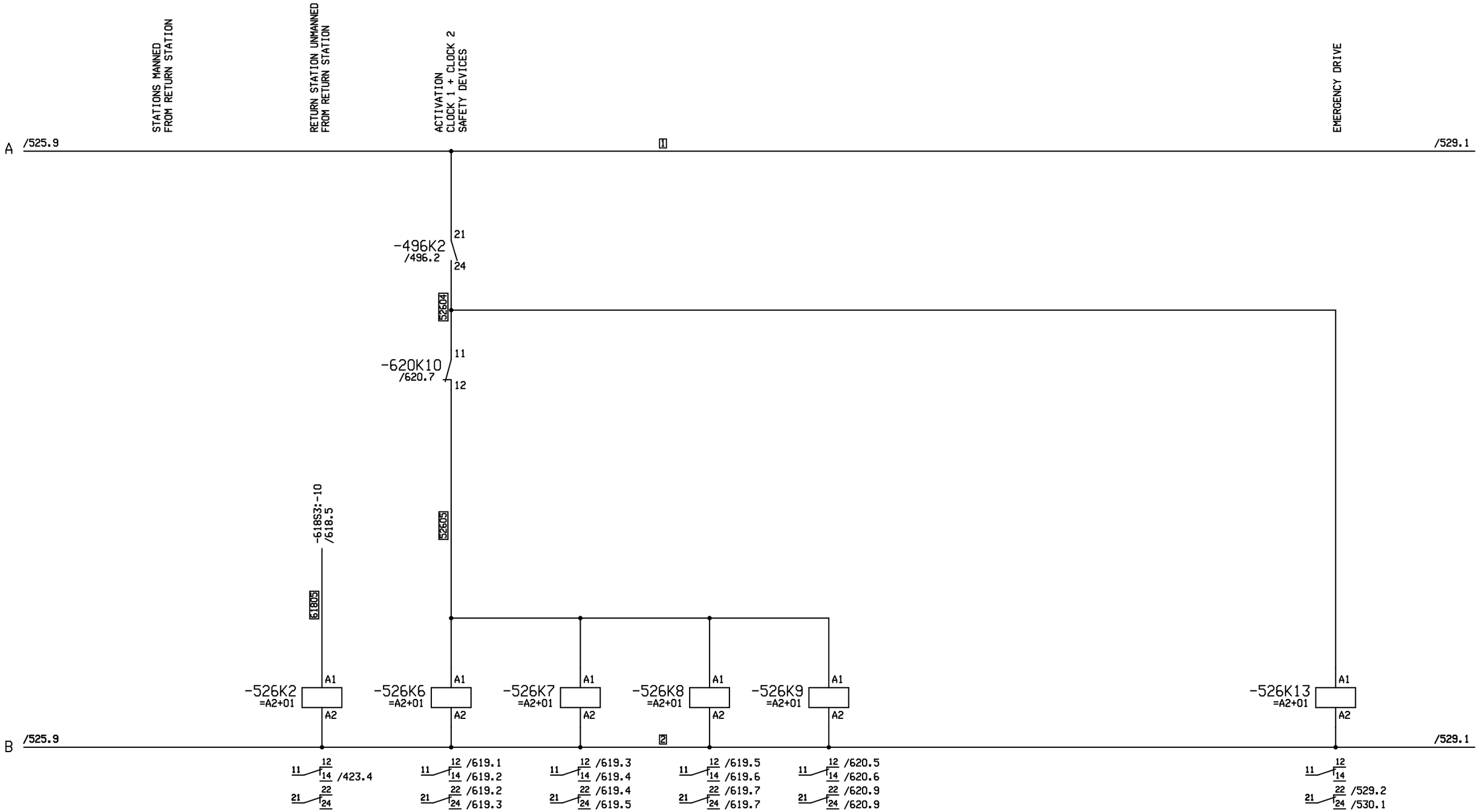

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma

File: GEWAA4186

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RELAY

RETURN STATION | LV-CONTROL

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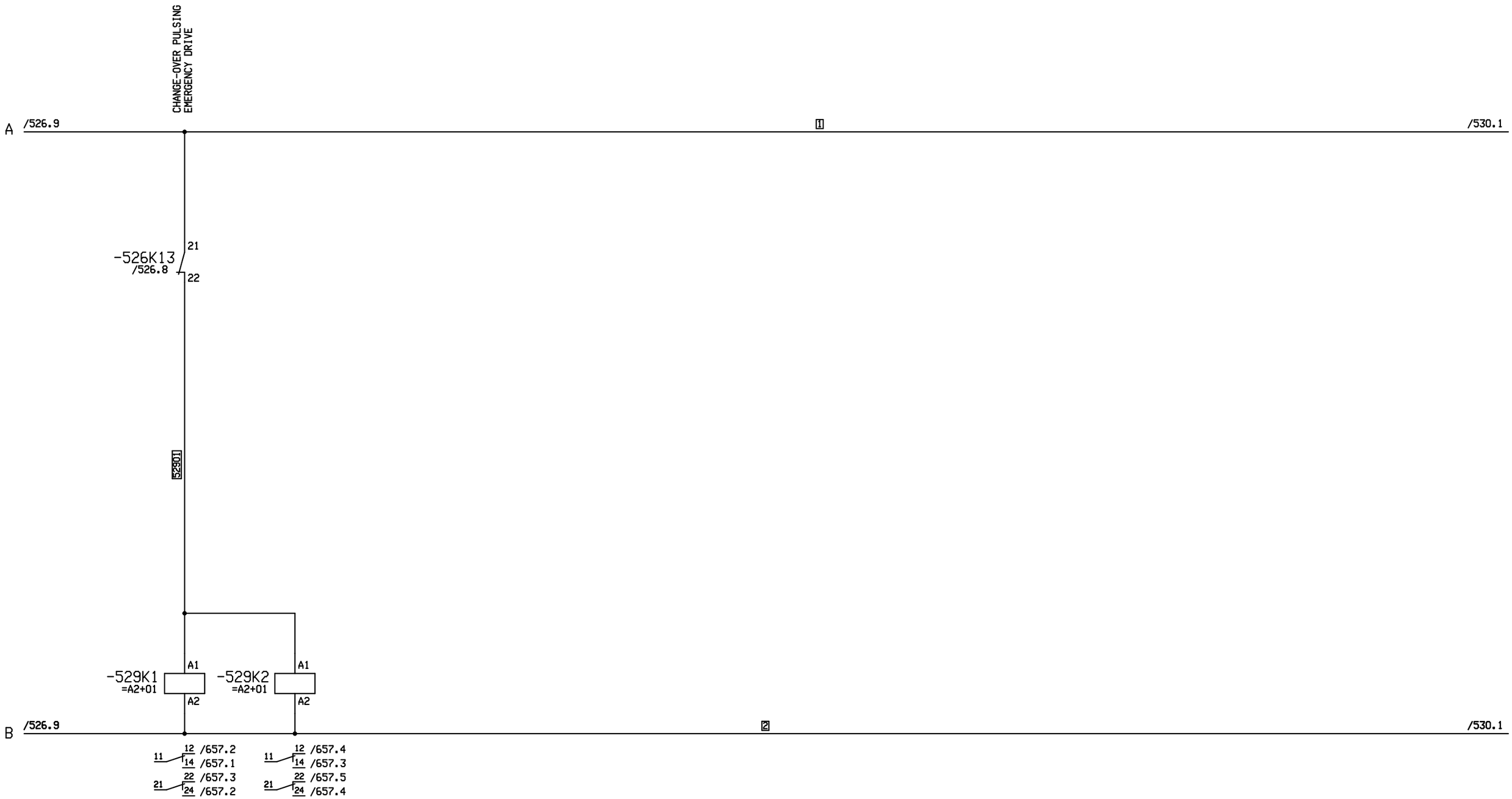

Revision	2.0	Drawn by	SST
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File:	GEWAA4186		

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CHANGE-OVER PULSING

RETURN STATION | LV-CONTROL

=A2+01

Date	24.05.16
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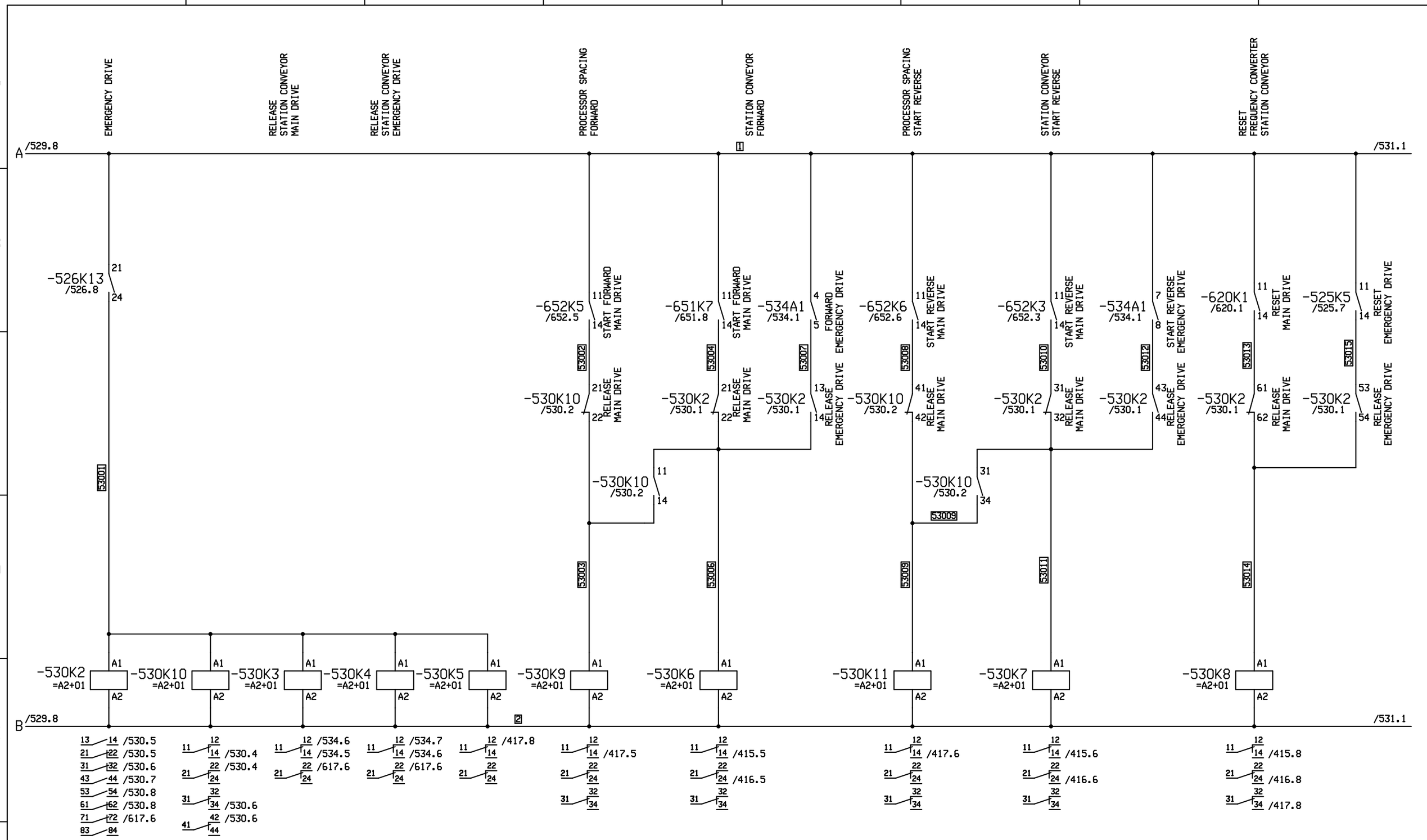
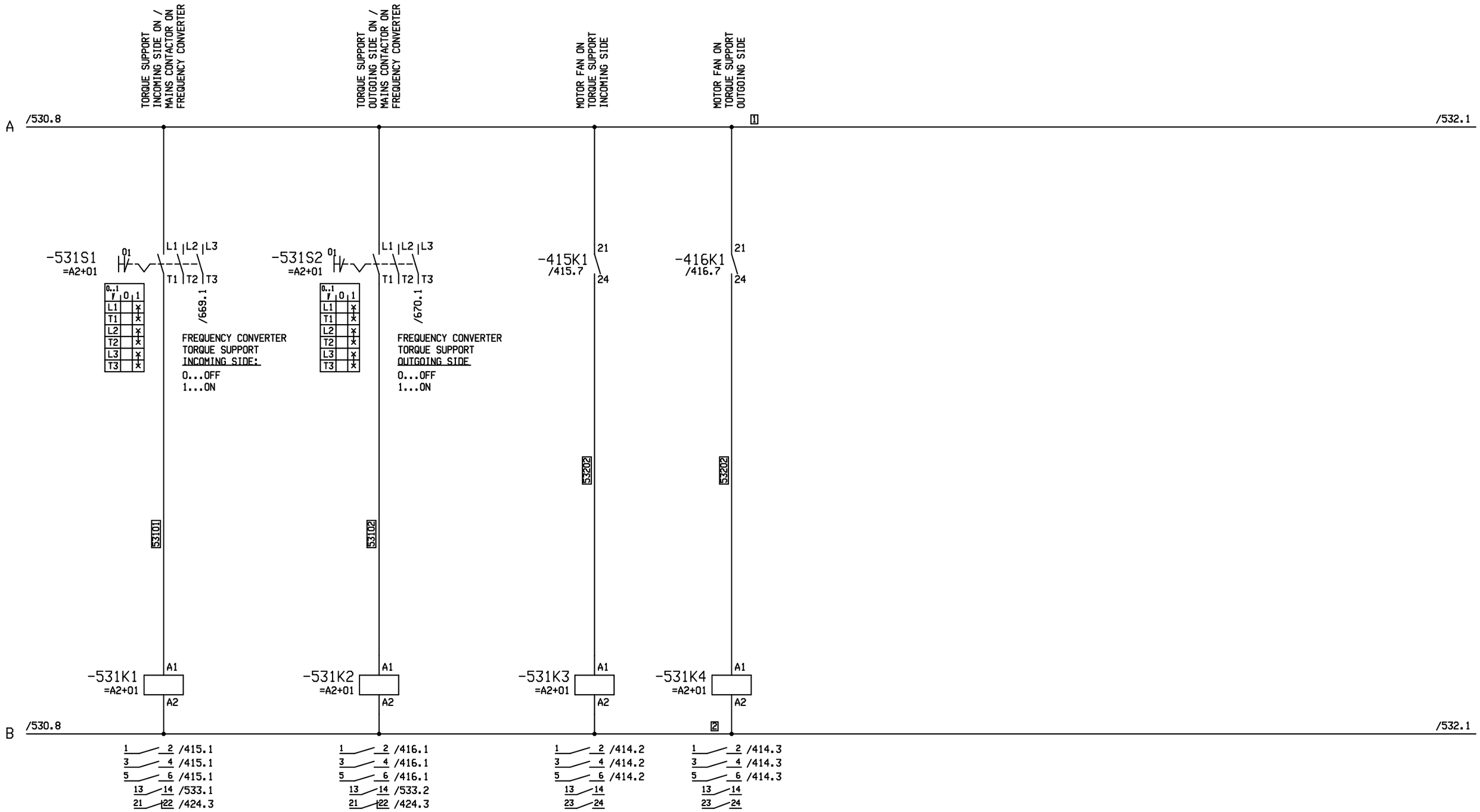
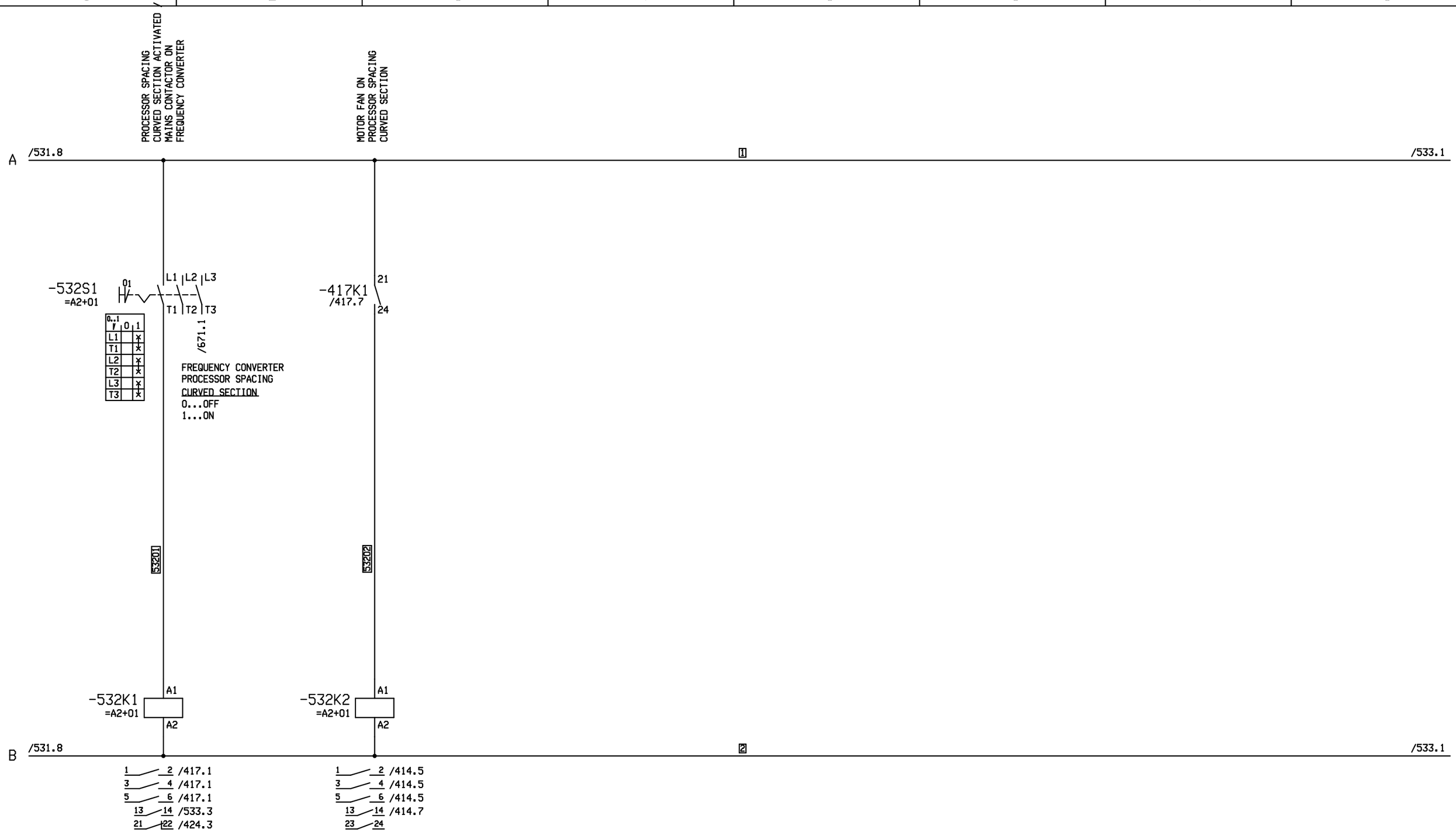


Revision	2.0	Drawn by	SST	10-MGD BaNa5	Doppelmayr ®	STATION CONVEYOR	=A2+01
Date	13.10.16	Dr.ch.by	Fma	WAA0004186	Innova Patent GmbH		Date 13.10.16
File:	GEWAA4186			DANANG / VIETNAM	A-6960 WOLFURT / AUSTRIA	RETURN STATION / LV-CONTROL	Sheet : 530
							Cont.sheet: 531



Revision	2.0	Drawn by	SST	10-MGD BaNa5	Doppelmayr ®	STATION CONVEYOR	=A2+01
Date	13.10.16	Dr.ch.by	Fma	WAA0004186	Innova Patent GmbH		Date 13.10.16
File:	GEWAA4186			DANANG / VIETNAM	A-6960 WOLFURT / AUSTRIA	RETURN STATION / LV-CONTROL	Sheet : 531
							Cont.sheet: 532



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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STATION CONVEYOR

RETURN STATION | LV-CONTROL

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Date	13.10.16
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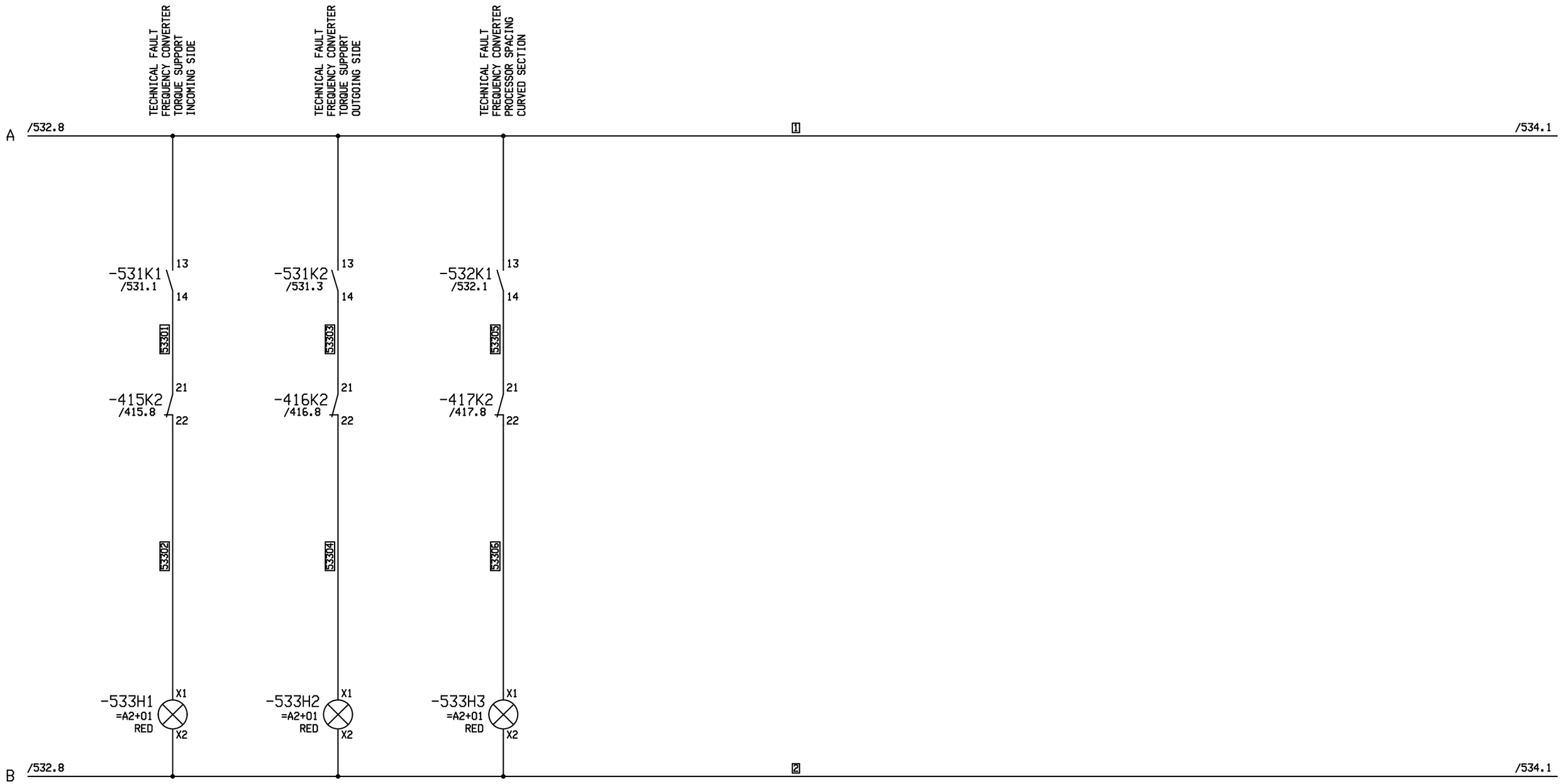

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
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STATION CONVEYOR

RETURN STATION | LV-CONTROL

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Date	05.04.16
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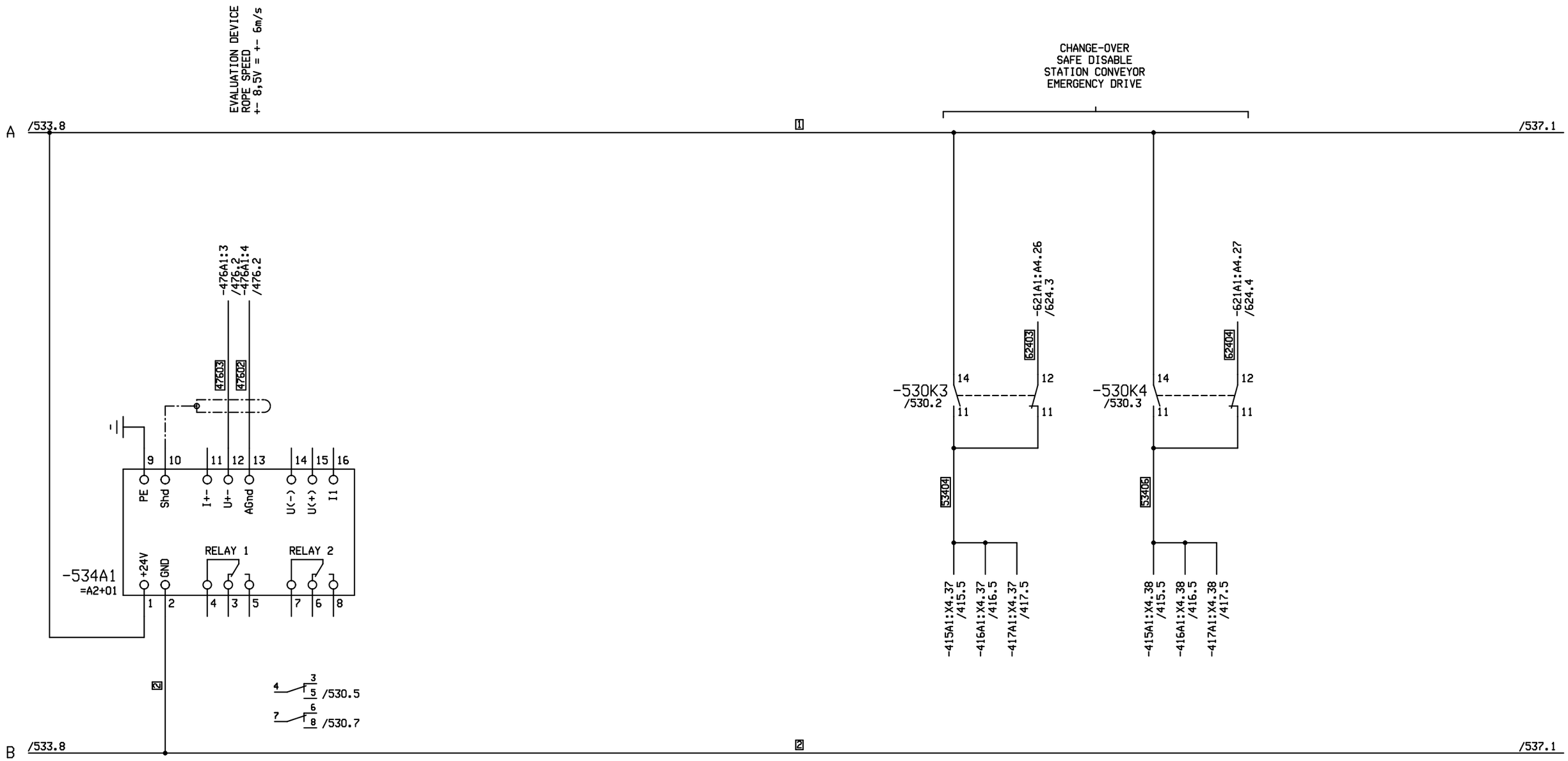

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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STATION CONVEYOR

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
Sheet :	534
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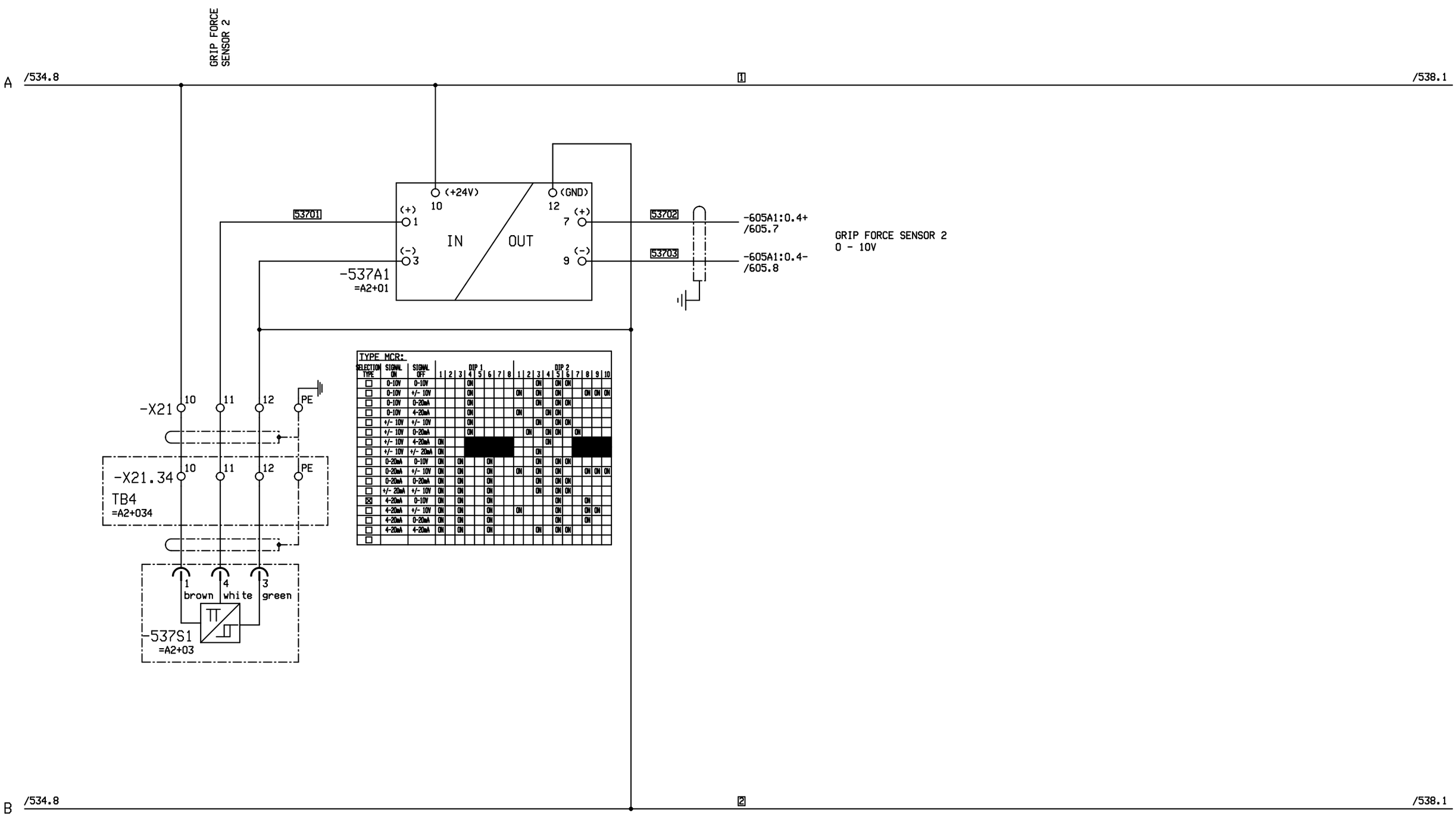

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Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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GRIP FORCE SENSOR 2

RETURN STATION | LV-CONTROL

=A2+01

Date	26.07.16
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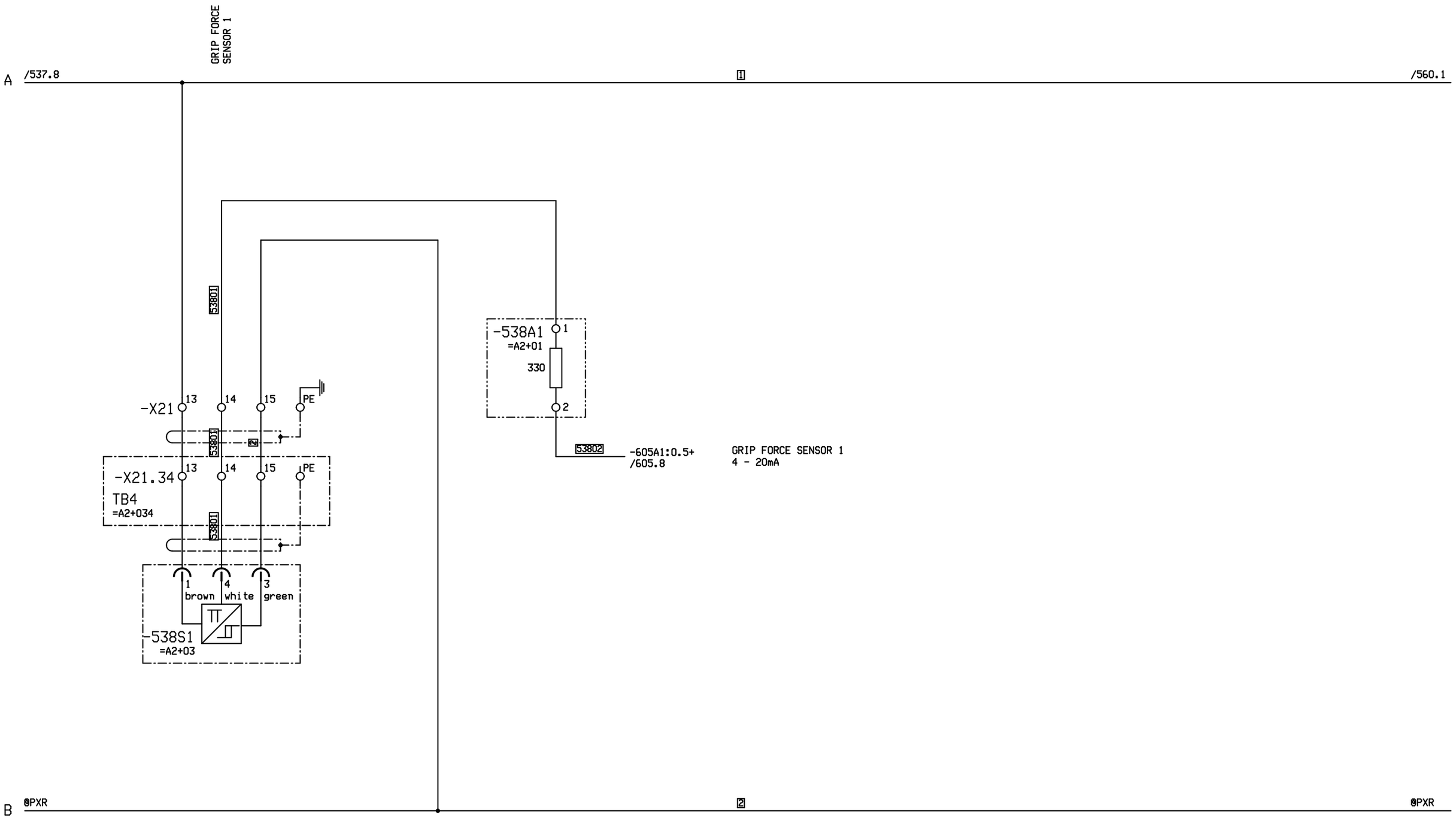

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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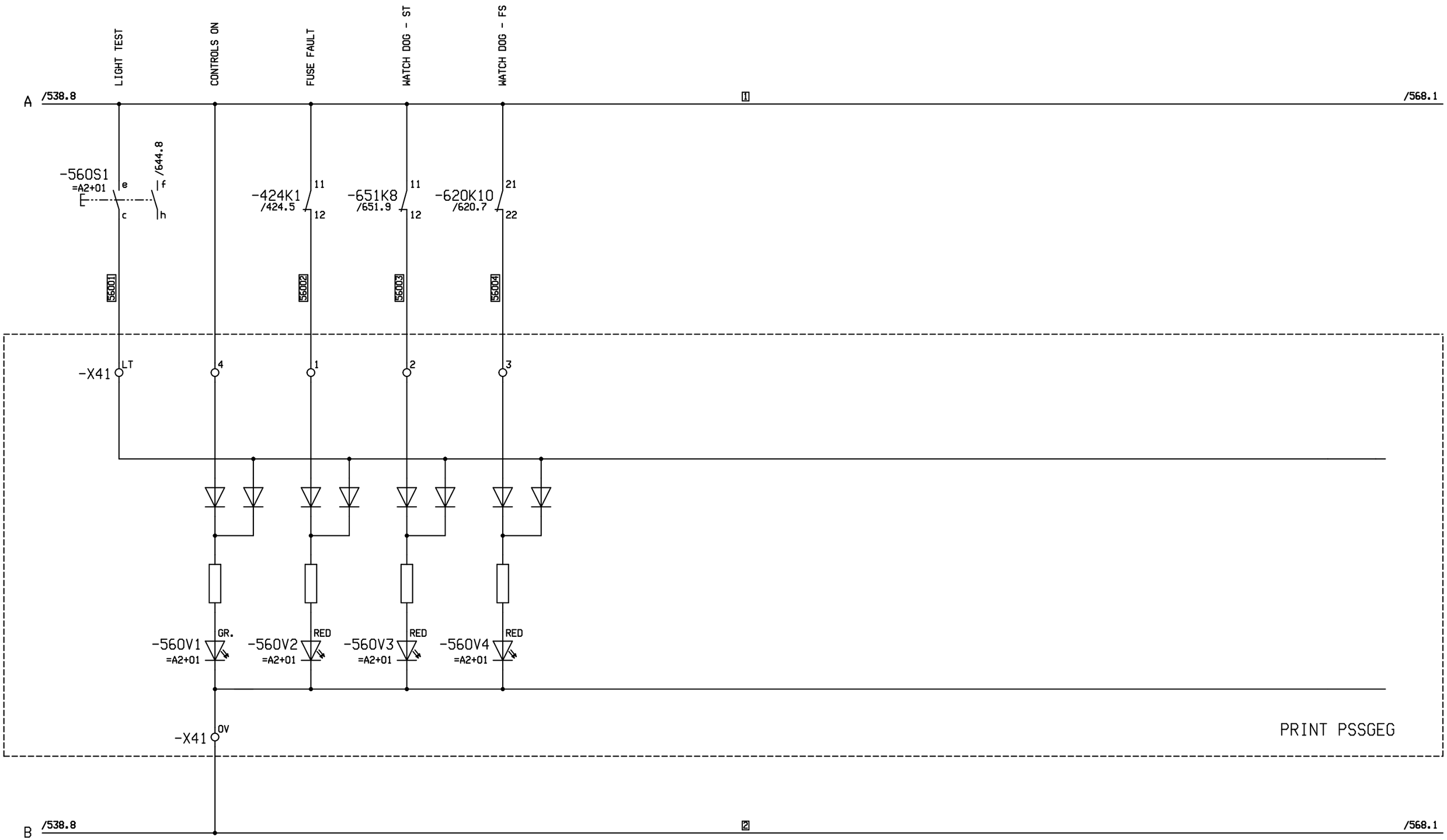

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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CONTROL LIGHTS

RETURN STATION | LV-CONTROL

=A2+01

Date	15.03.16
Sheet :	560
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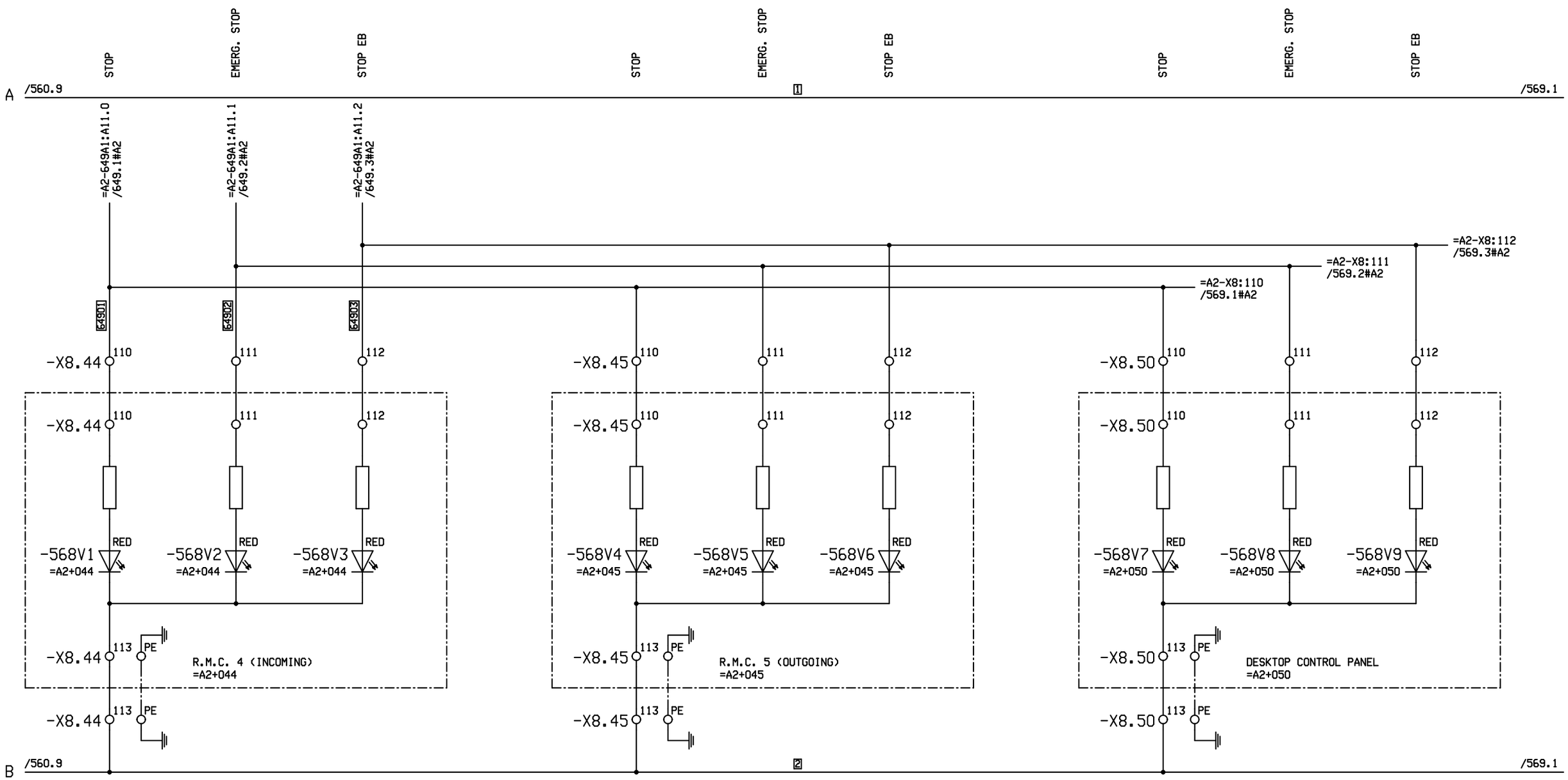

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Date	13.10.16	Dr.ch.by	Fma	WAA0004186	Innova Patent GmbH		Date 15.03.16
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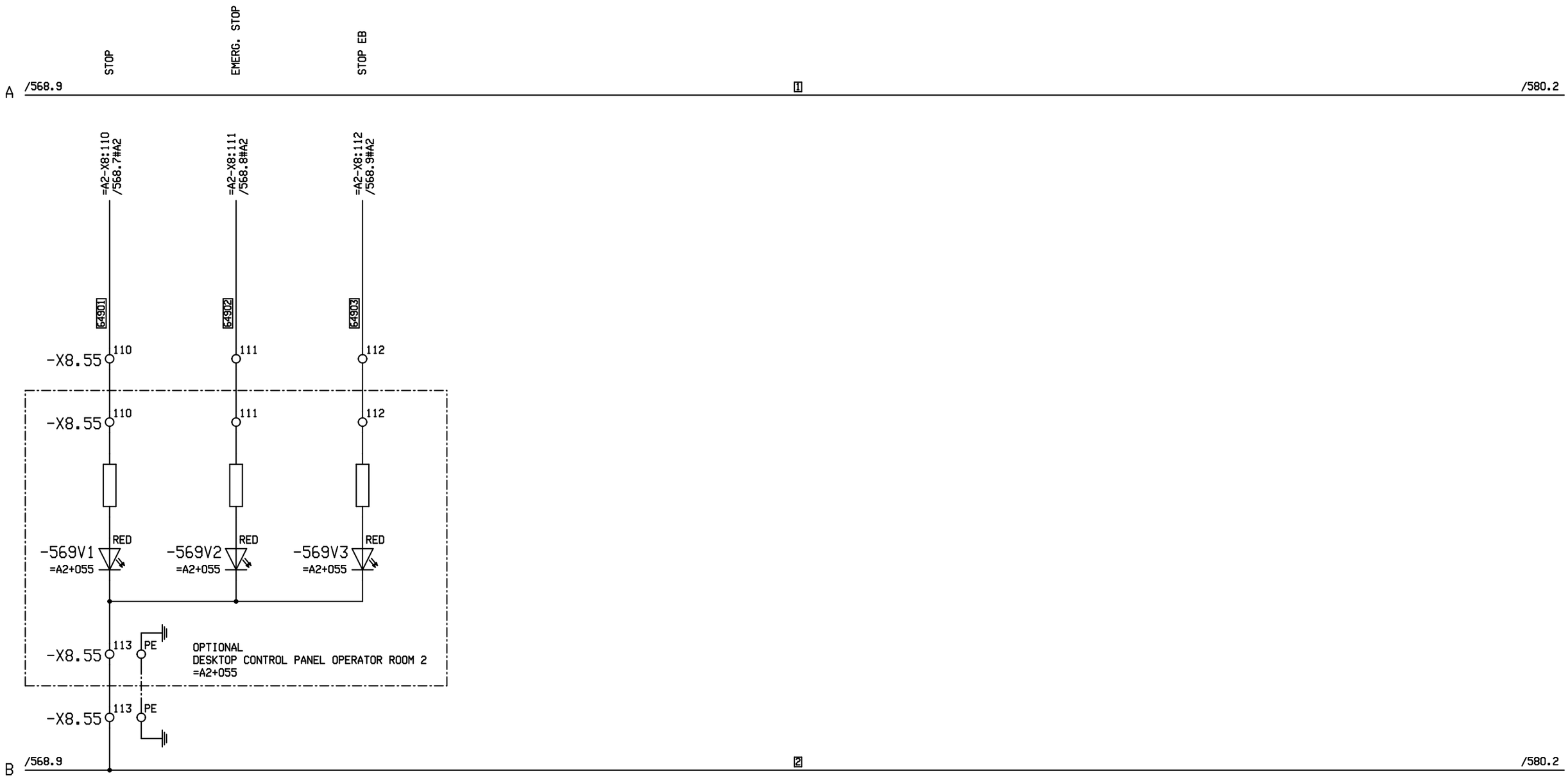

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Date	13.10.16	Dr.ch.by	Fma	WAA0004186	Innova Patent GmbH		Date 05.04.16
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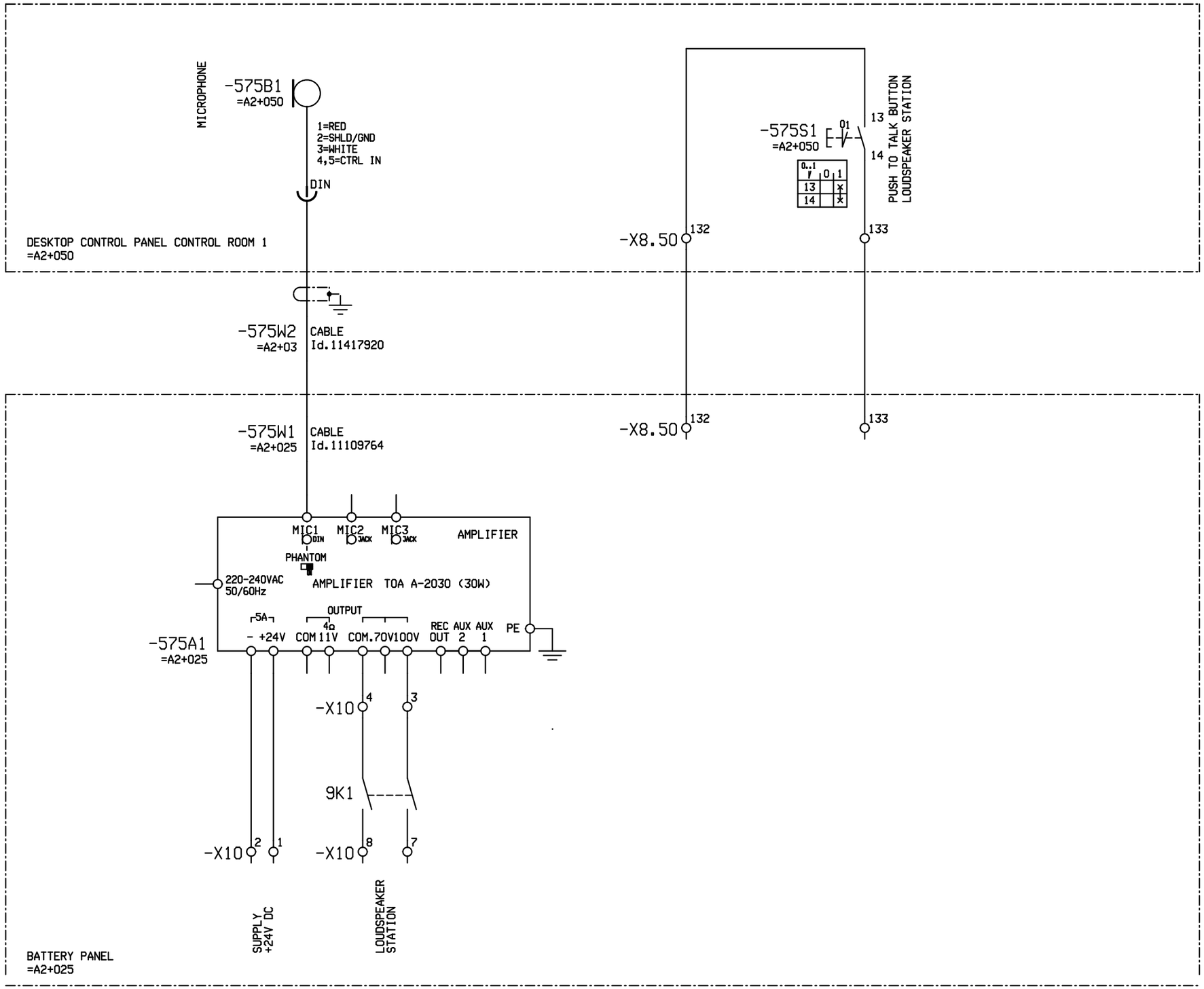

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File:	GEWAA4186		

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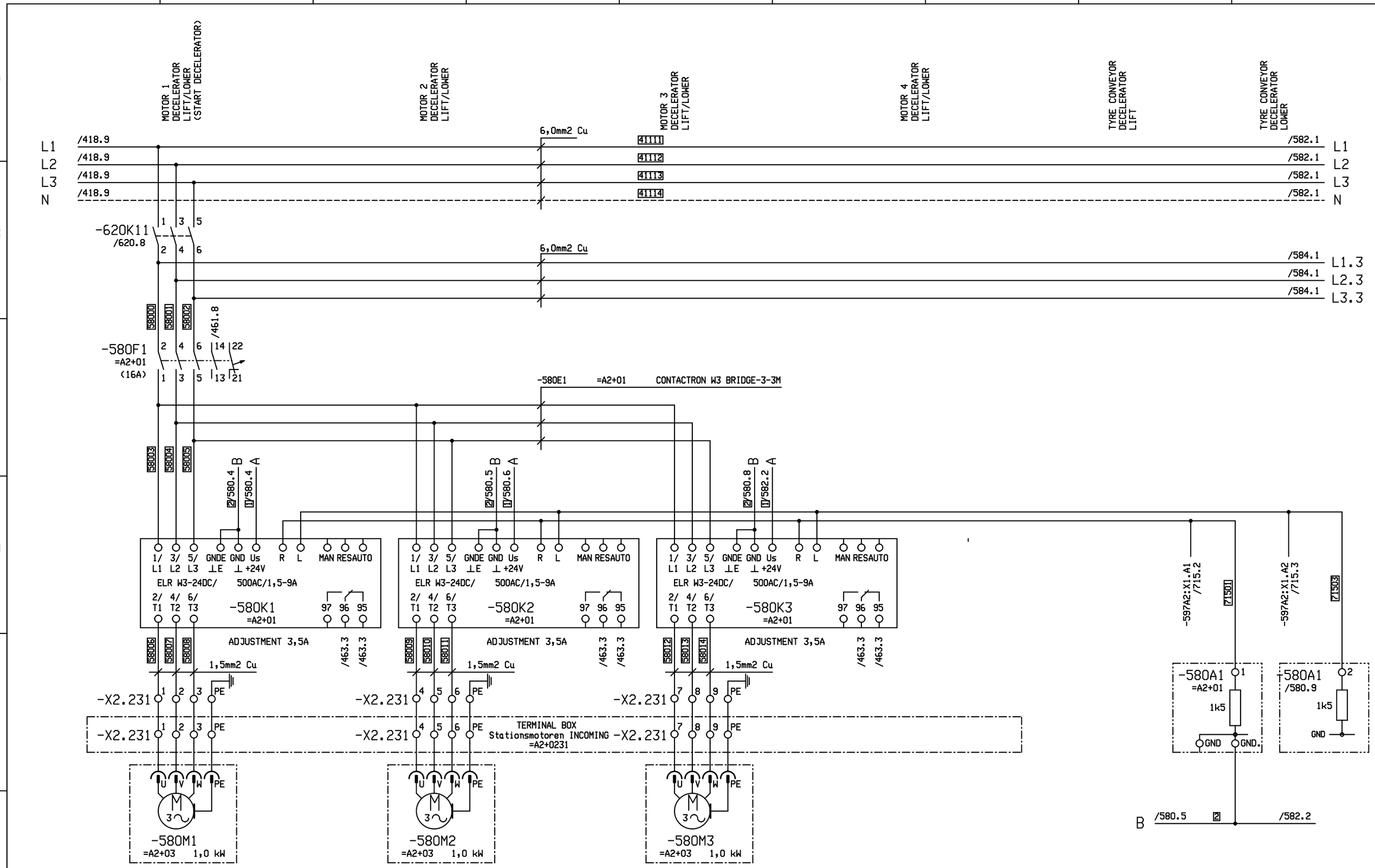
LOUDSPEAKER EQUIPMENT

RETURN STATION | LV-CONTROL

=A2+01

Date	26.04.16
Sheet :	575
Cont.sheet:	580



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MOTORS - TYRE CONVEYOR DECELERATOR

RETURN STATION | LV-CONTROL

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Date	13.10.16
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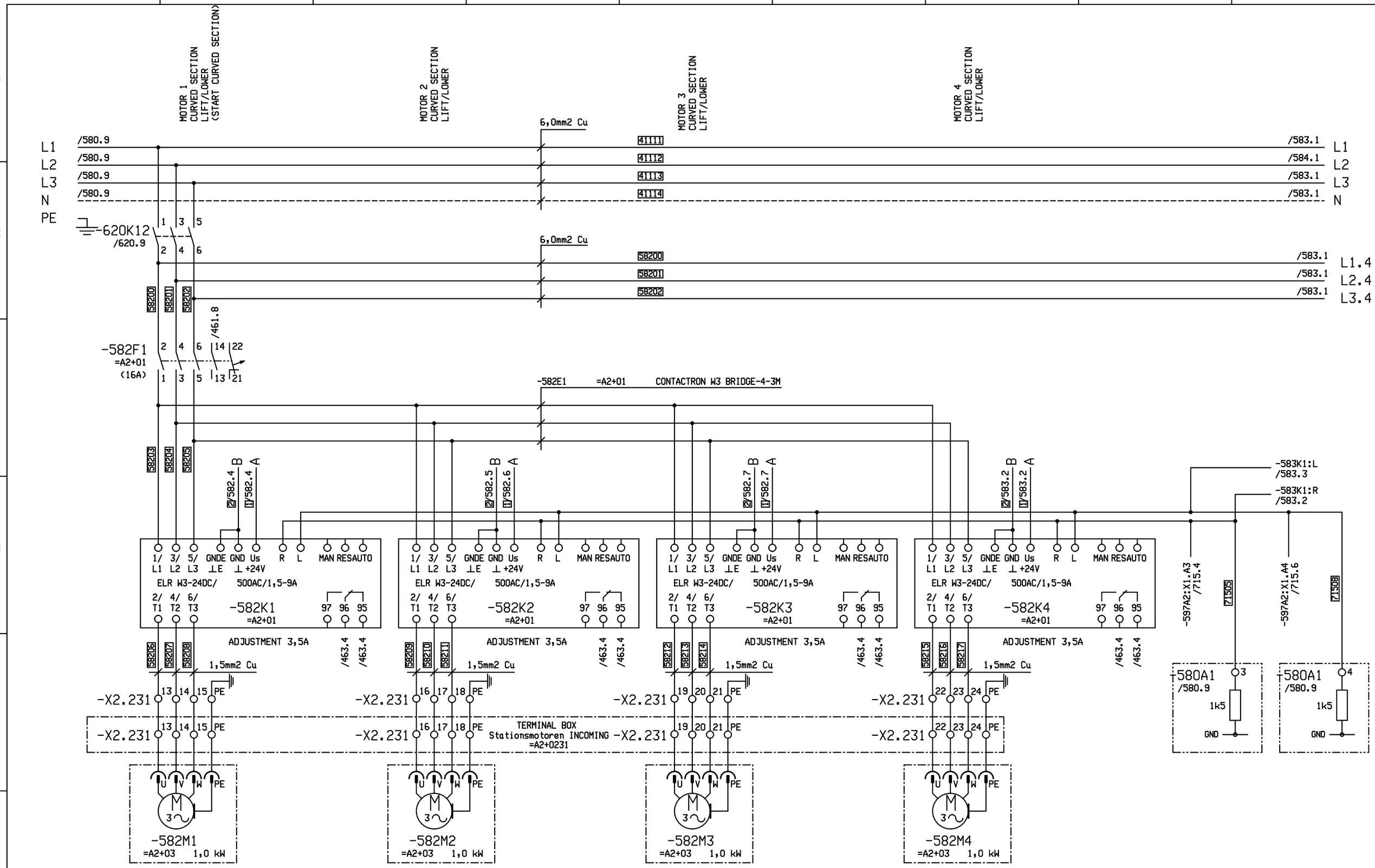

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File:	GEWAA4186		

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MOTORS - TYRE CONVEYOR CURVED SECTION

RETURN STATION | LV-CONTROL

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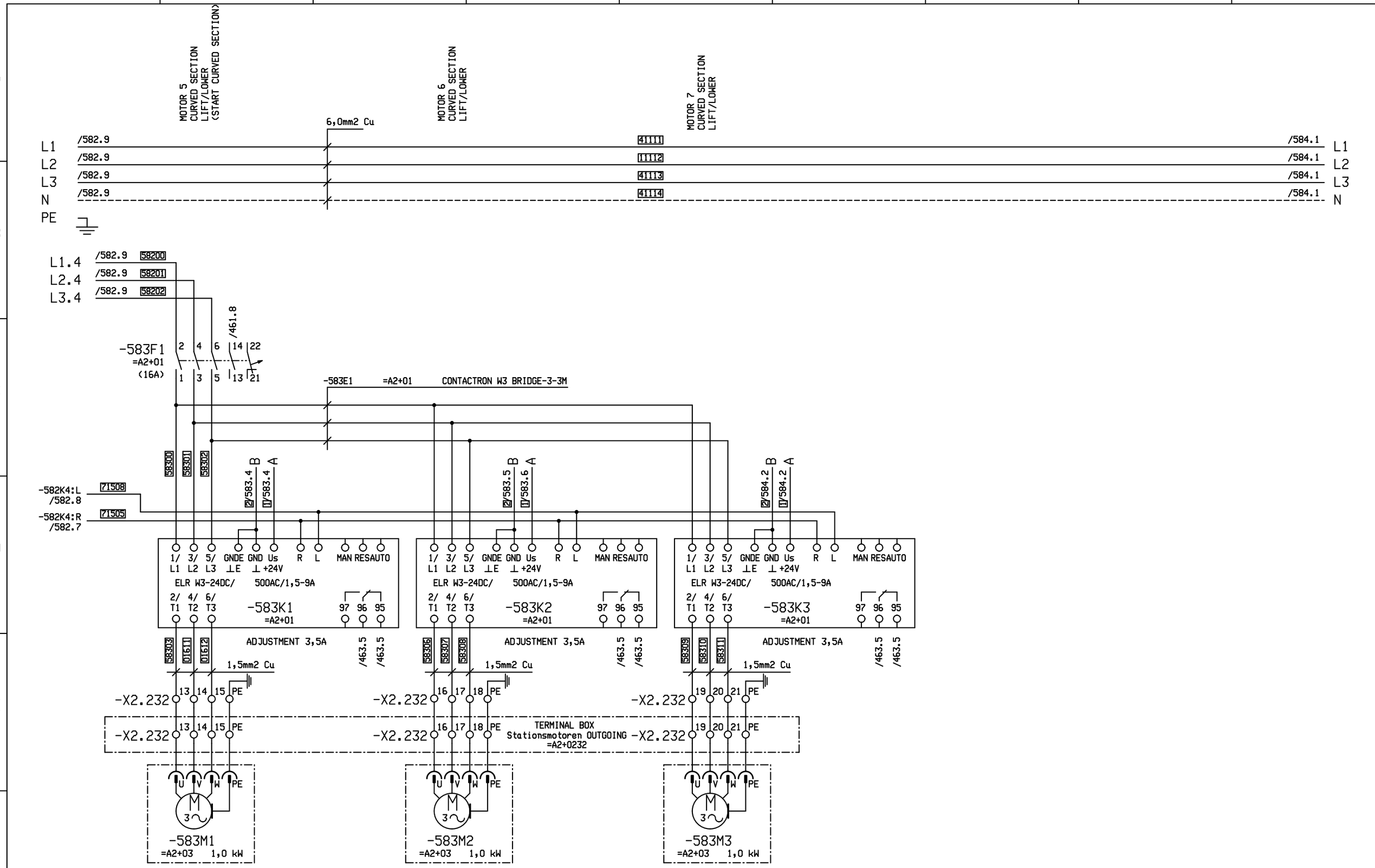

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma

File: GEWAA4186

10-MGD BaNa5
WAA0004186
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MOTORS - TYRE CONVEYOR CURVED SECTION

RETURN STATION | LV-CONTROL

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Date	04.05.17
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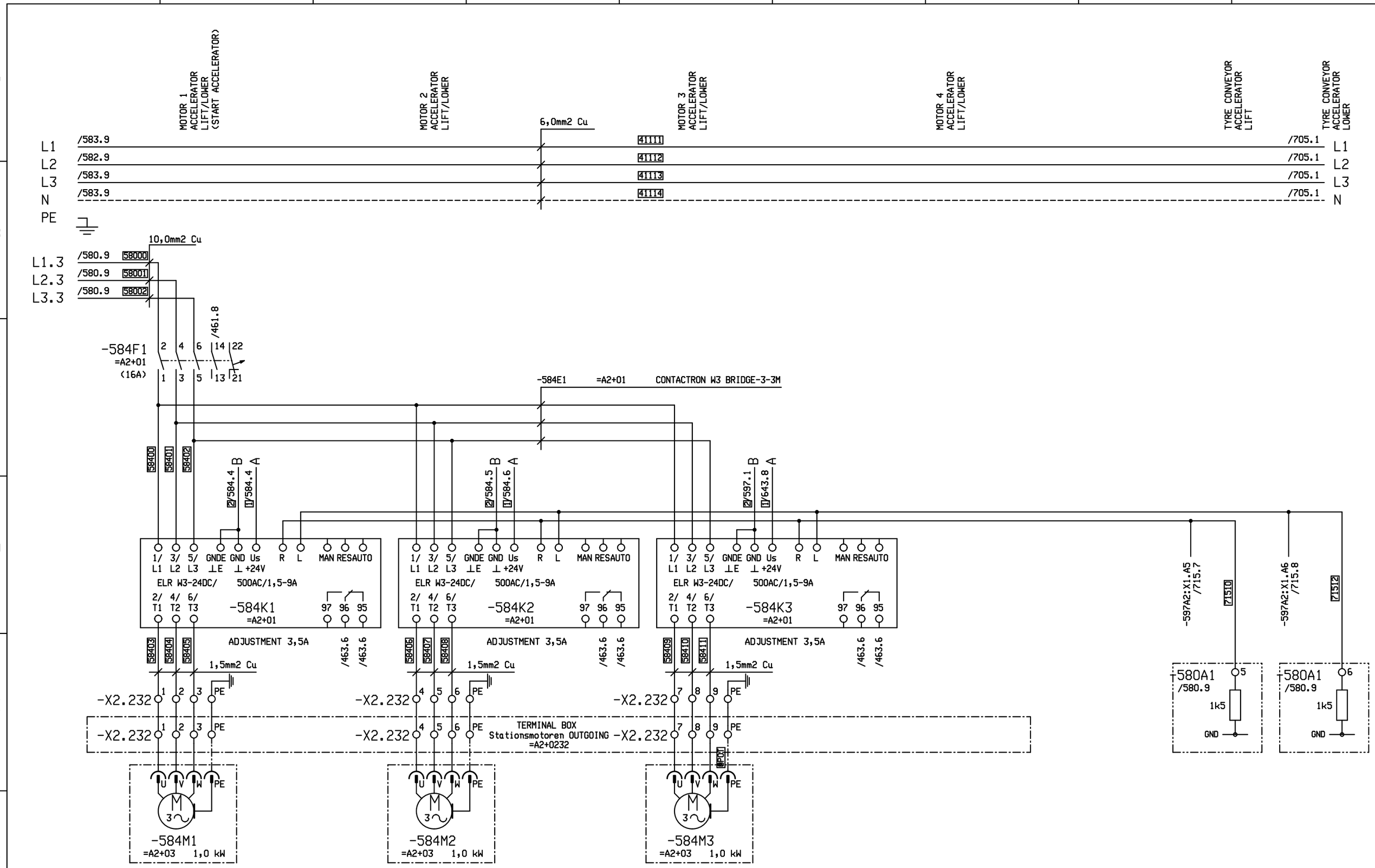

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma

File: GEWAA4186

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MOTORS - TYRE CONVEYOR ACCELERATOR

RETURN STATION | LV-CONTROL

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Date	04.05.17
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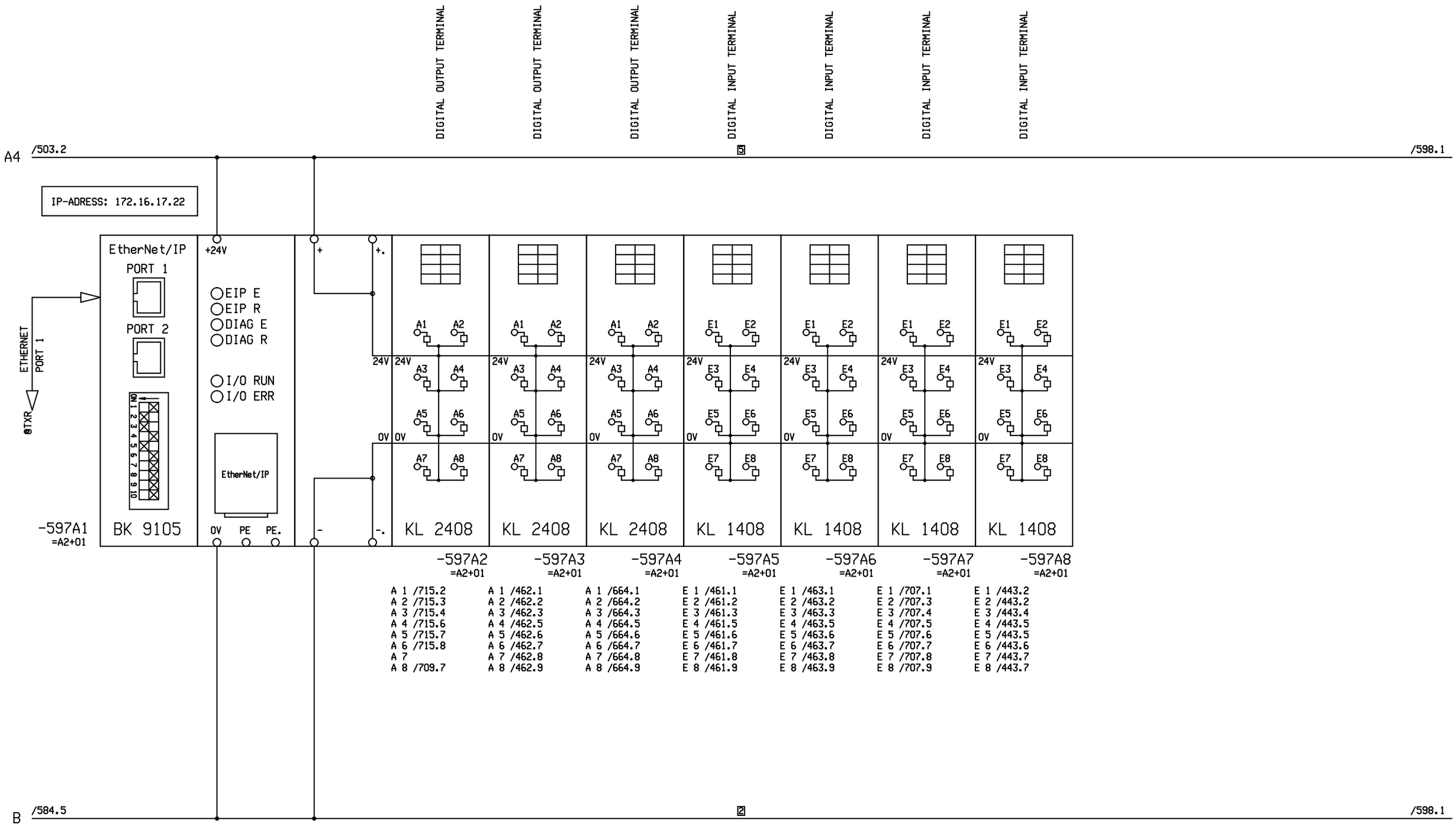

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma

File: GEWAA4186

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IN-OUTPUT MODULE BECKHOFF

RETURN STATION | LV-CONTROL

=A2+01

Date	26.07.16
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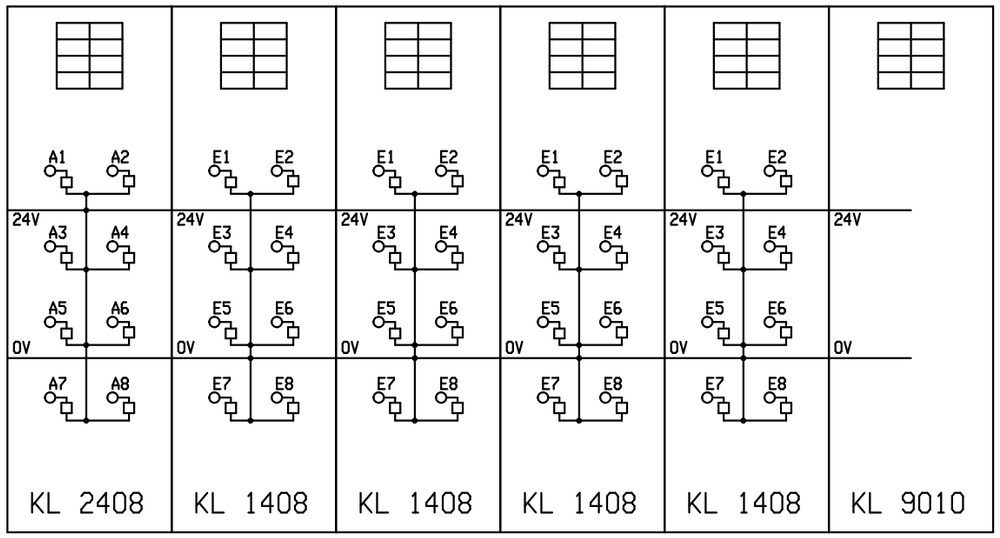

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A 7	E 7 /669.7	E 7 /670.7	E 7 /671.7	E 7	
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Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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IN-OUTPUT MODULE BECKHOFF

RETURN STATION | LV-CONTROL

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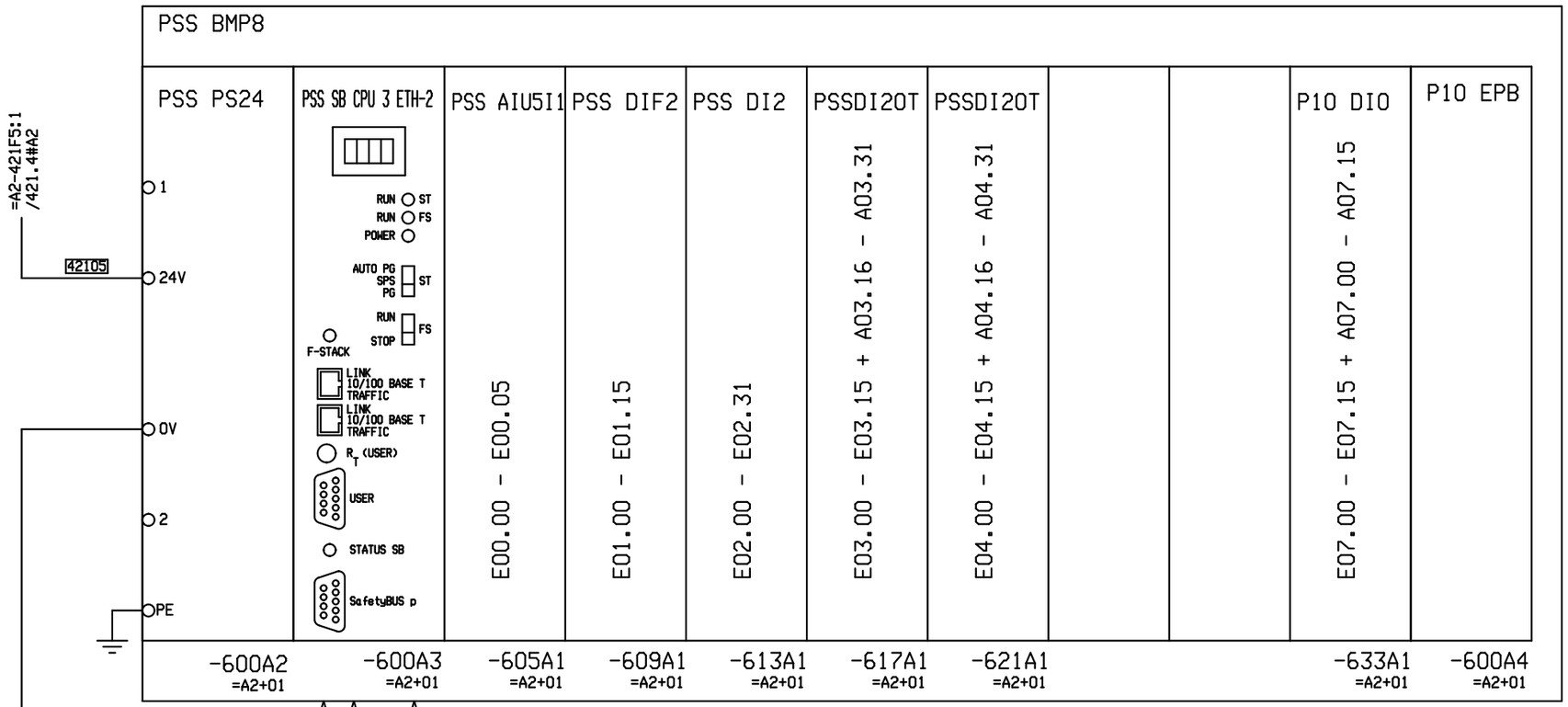

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Date	13.10.16	Dr.ch.by	Fma	WAA0004186	Innova Patent GmbH		Date 08.06.16
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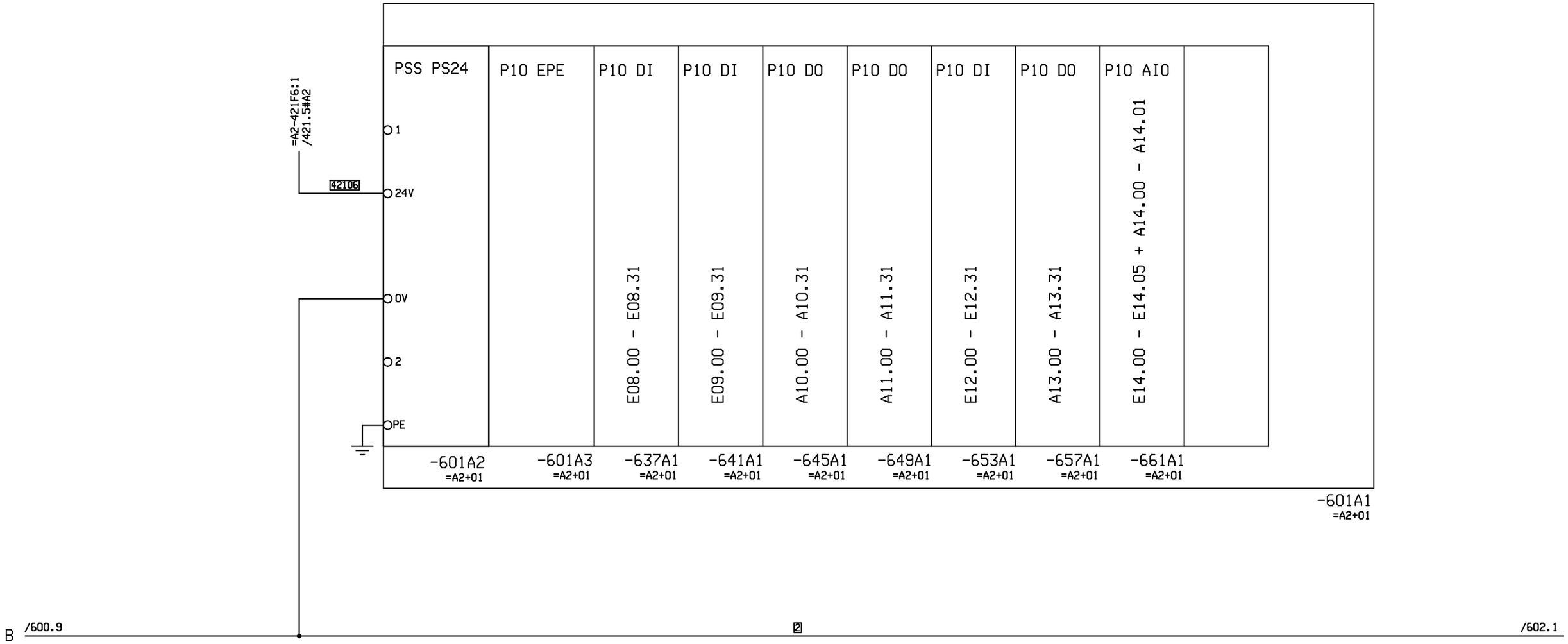

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Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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POWER SUPPLY PC-SYSTEM

RETURN STATION | LV-CONTROL

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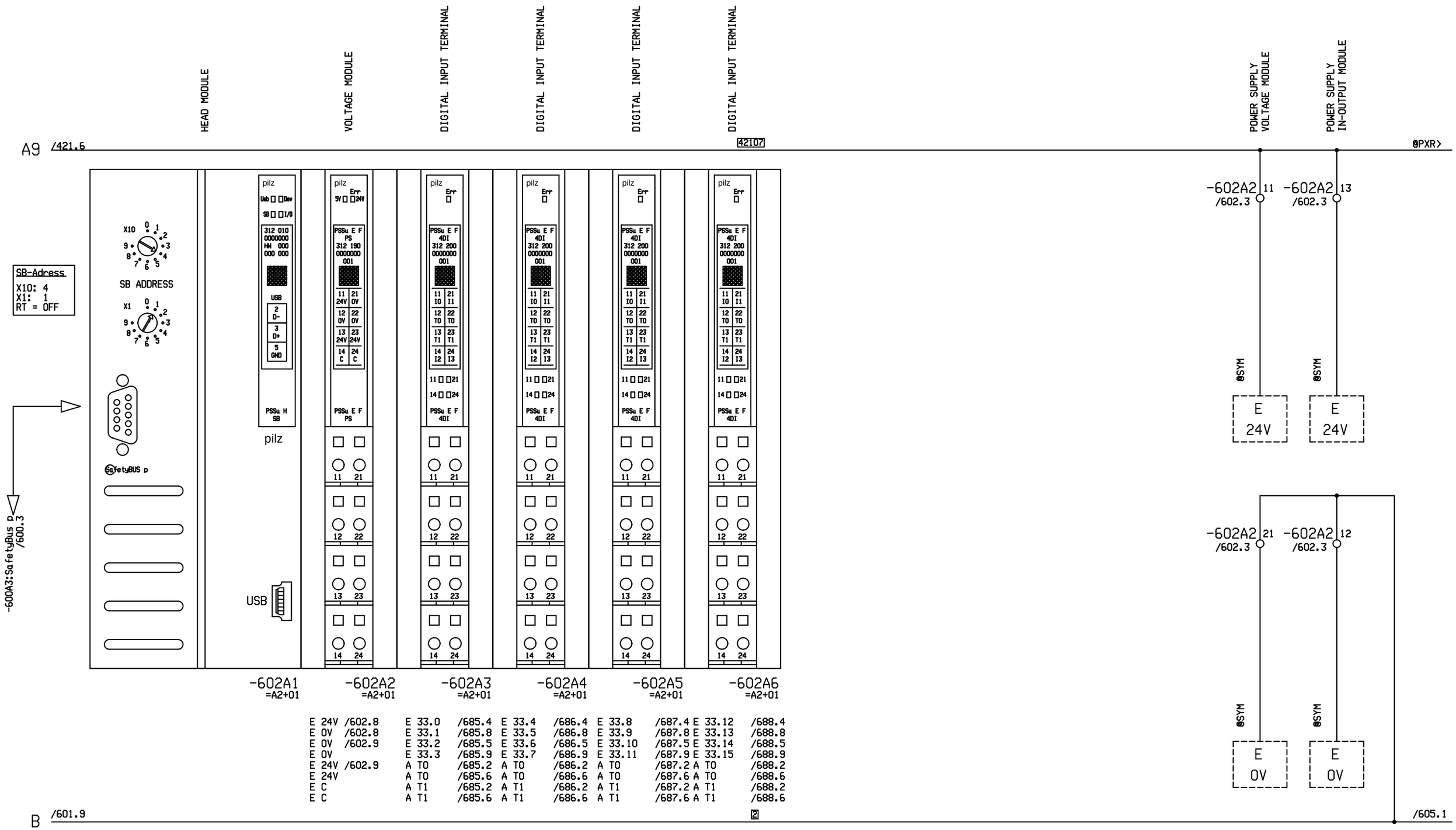

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Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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RETURN STATION | LV-CONTROL

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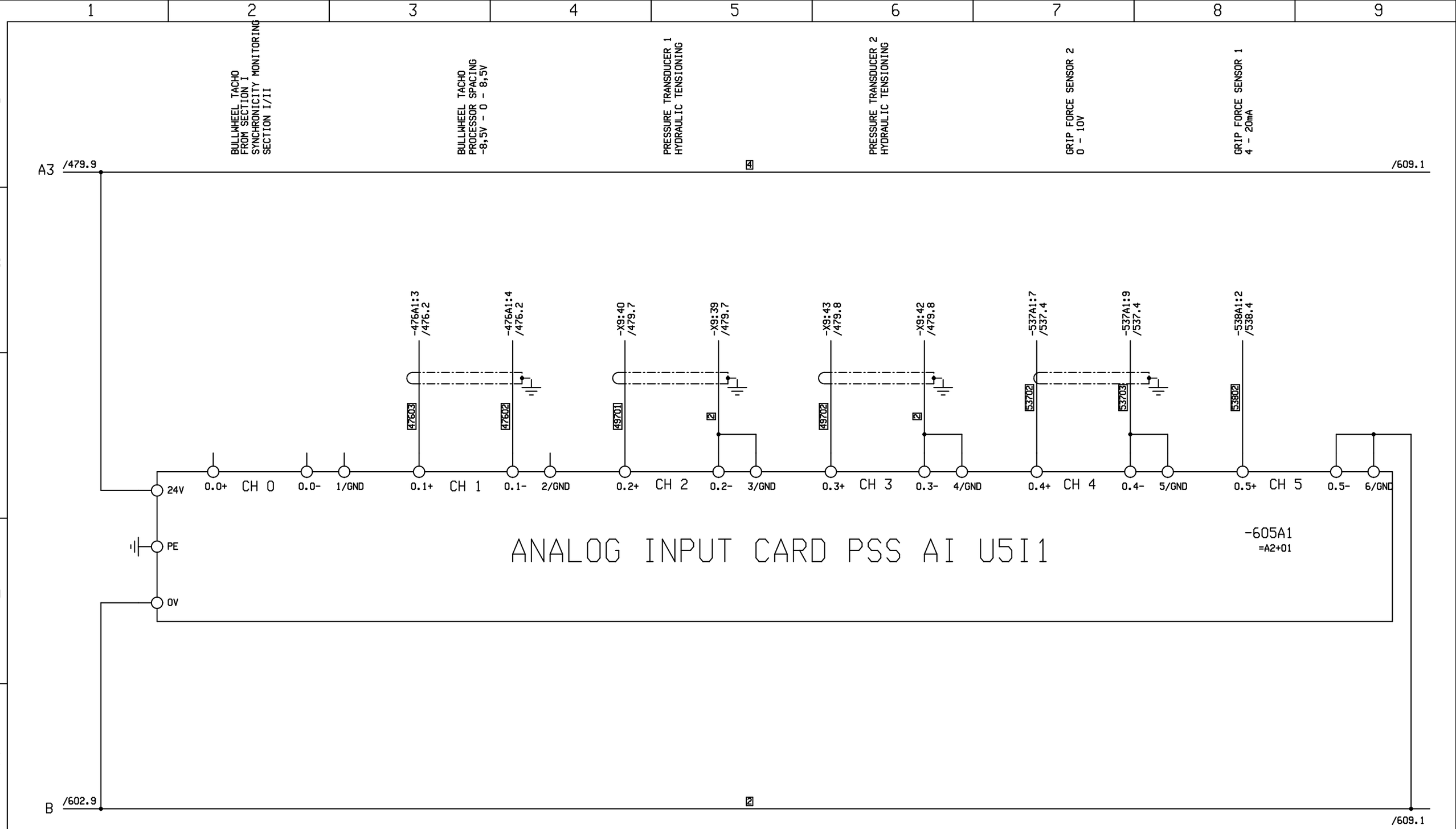

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ANALOG INPUT (FS)

RETURN STATION | LV-CONTROL

=A2+01

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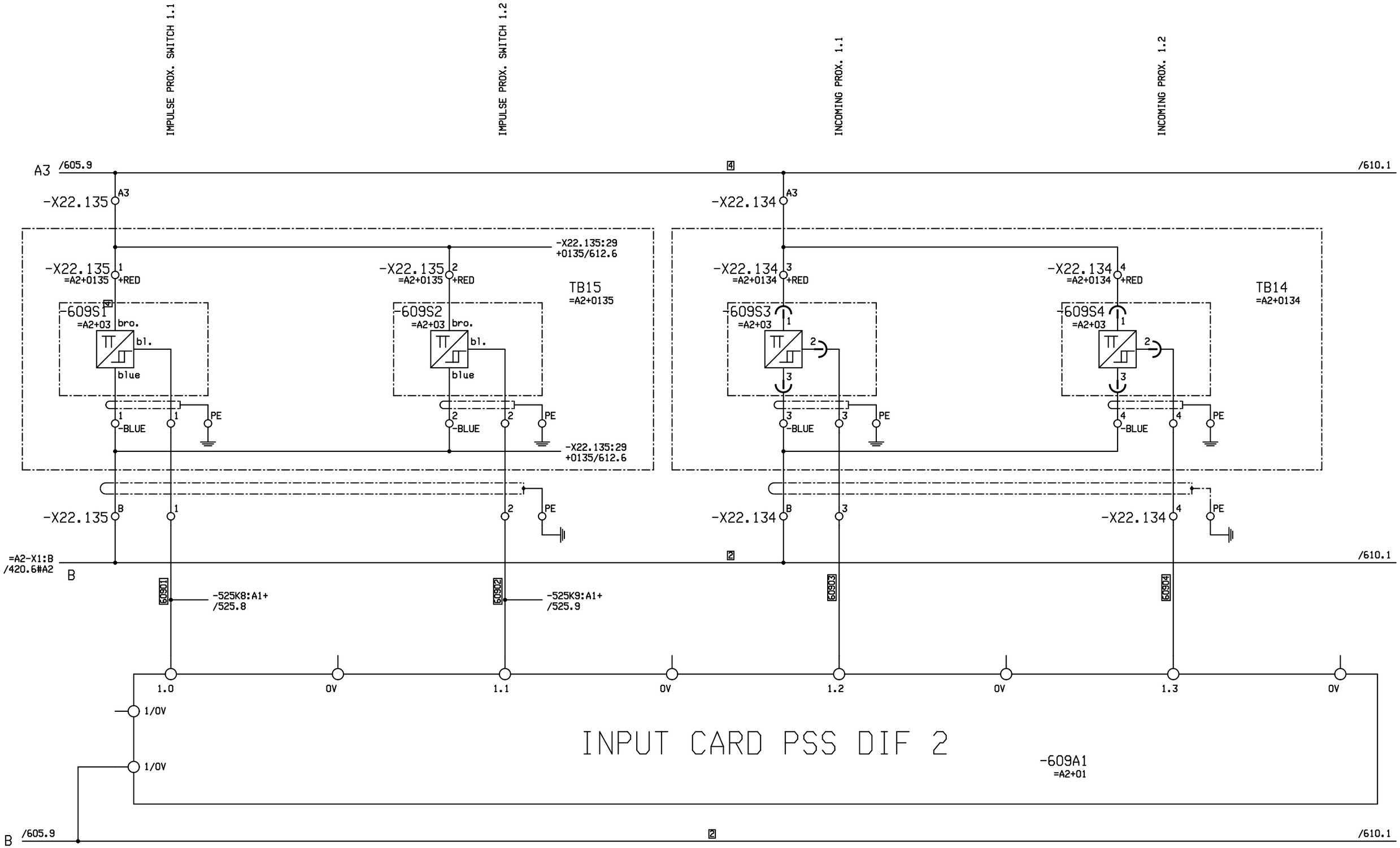

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File:	GEWAA4186		

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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

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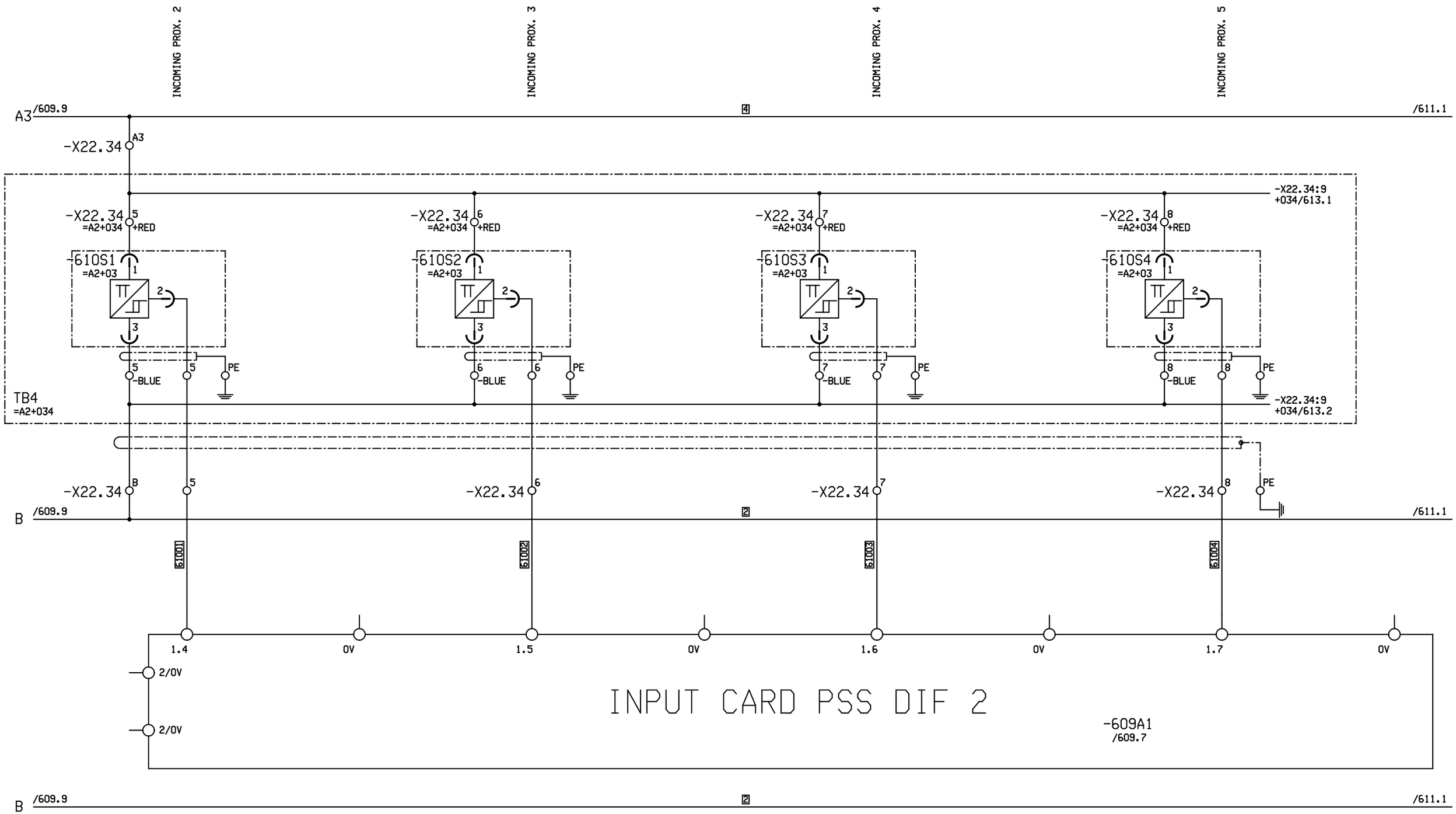

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File: GEWAA4186

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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

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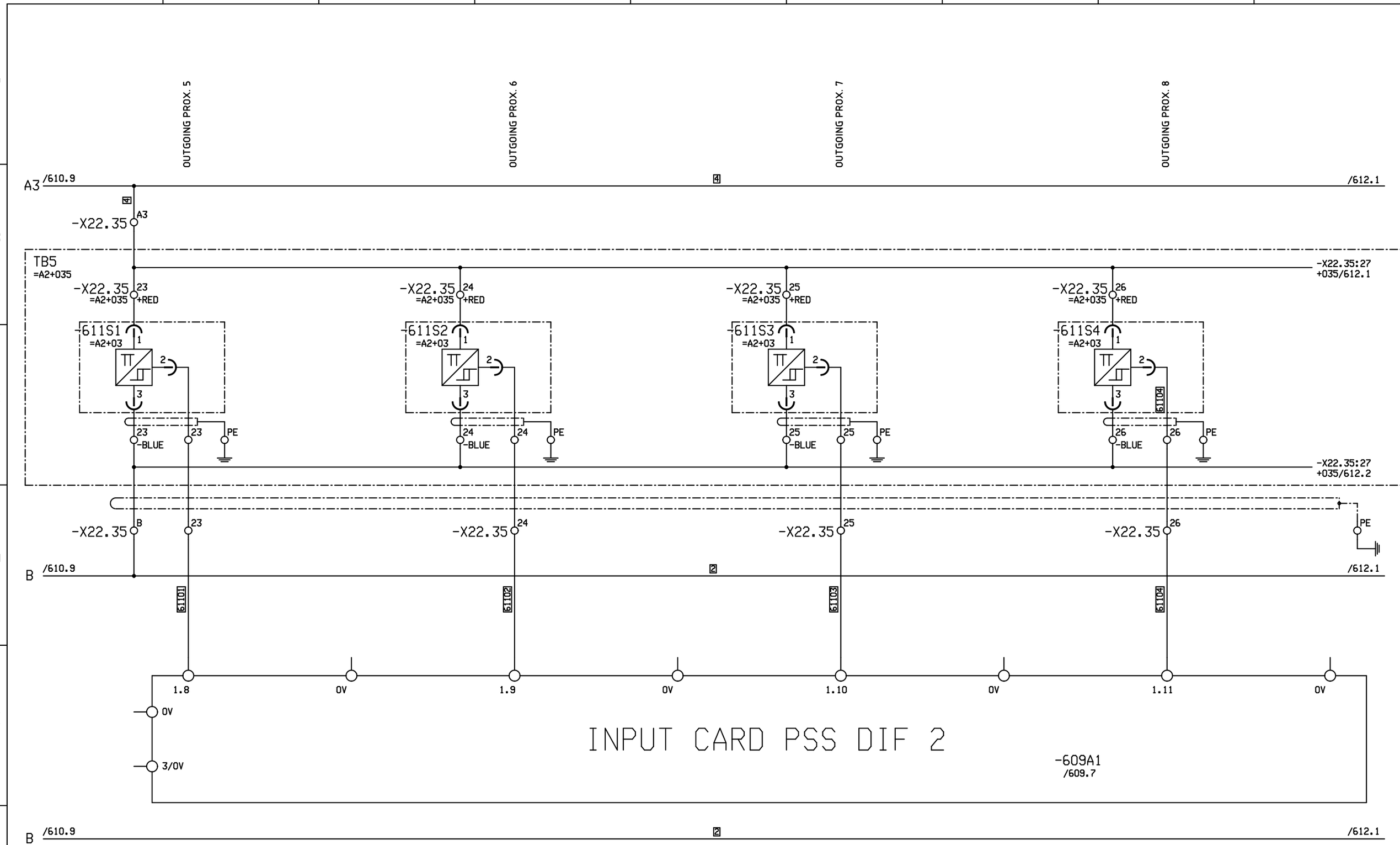

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Date	13.10.16	Dr.ch.by	Fma

File: GEWAA4186

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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

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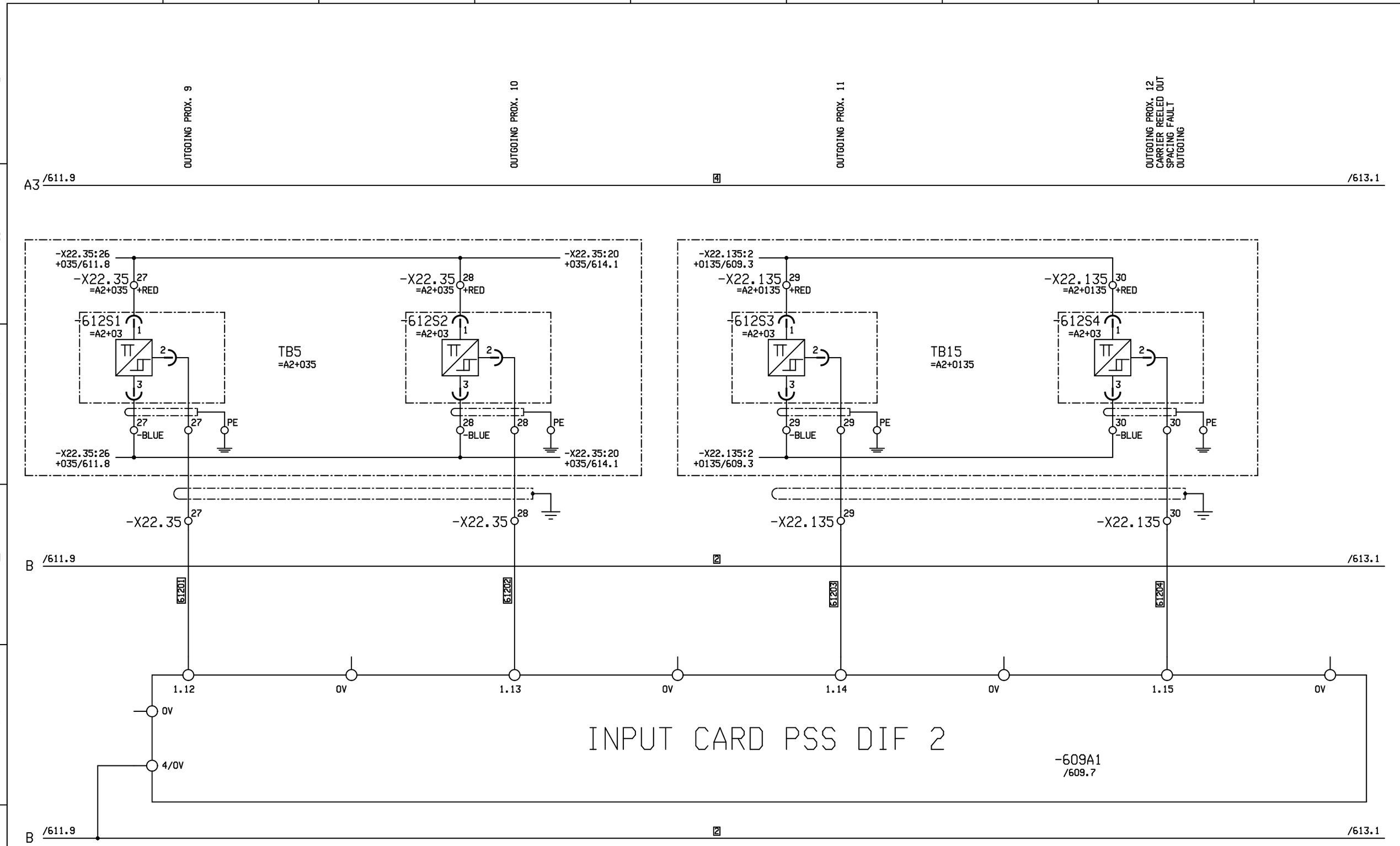

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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

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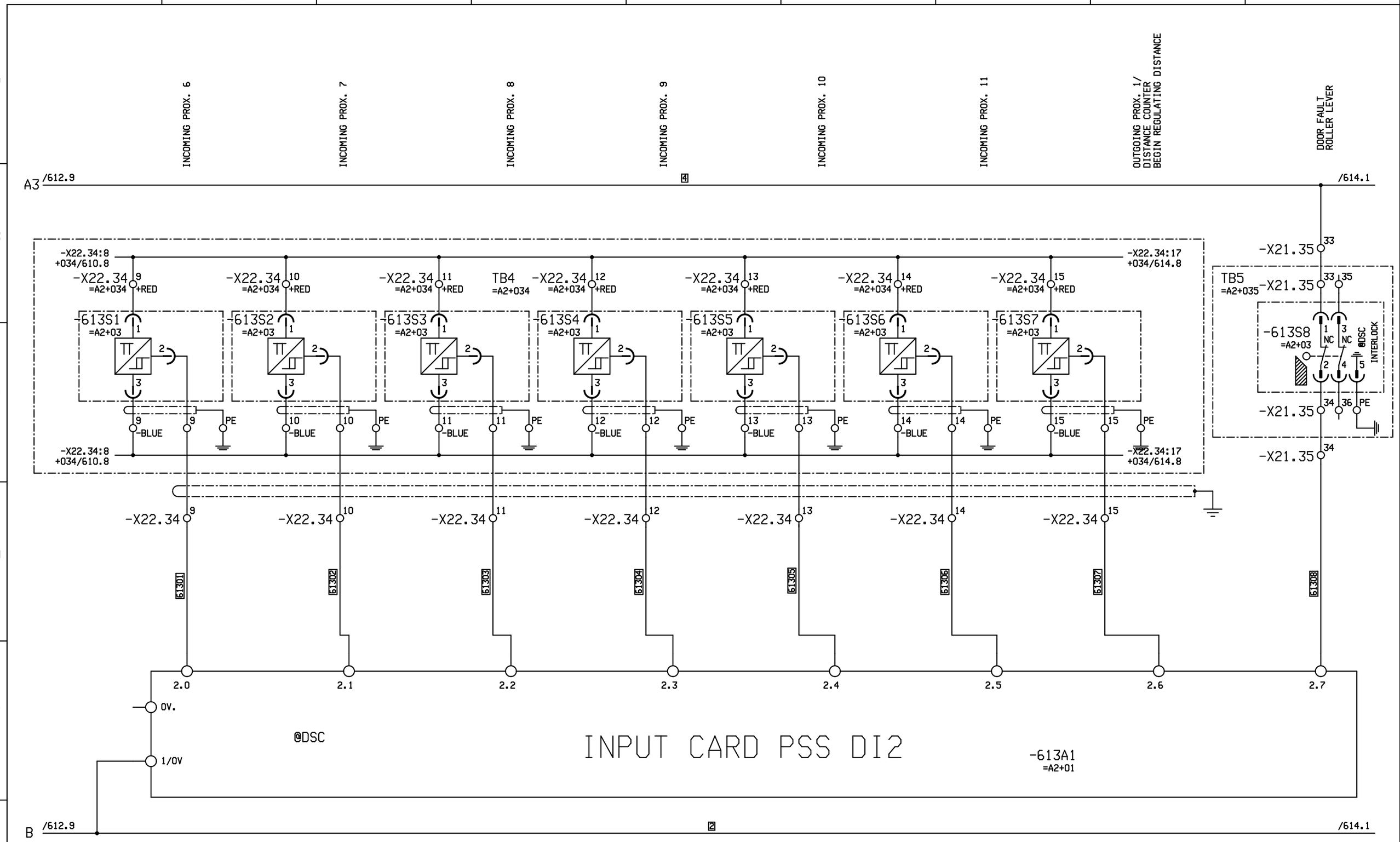

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Date	13.10.16	Dr.ch.by	Fma

File: GEWAA4186

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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

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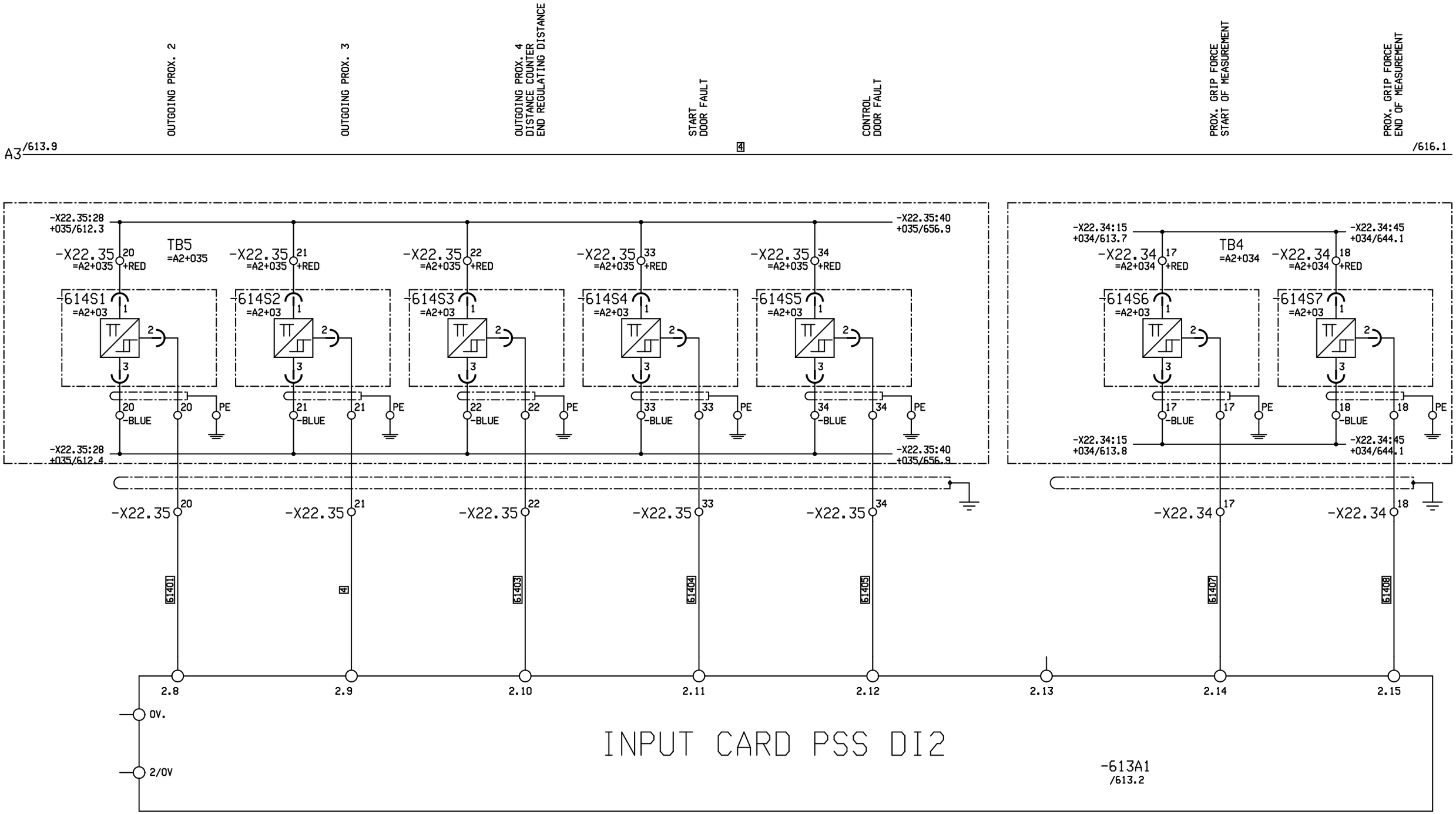

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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

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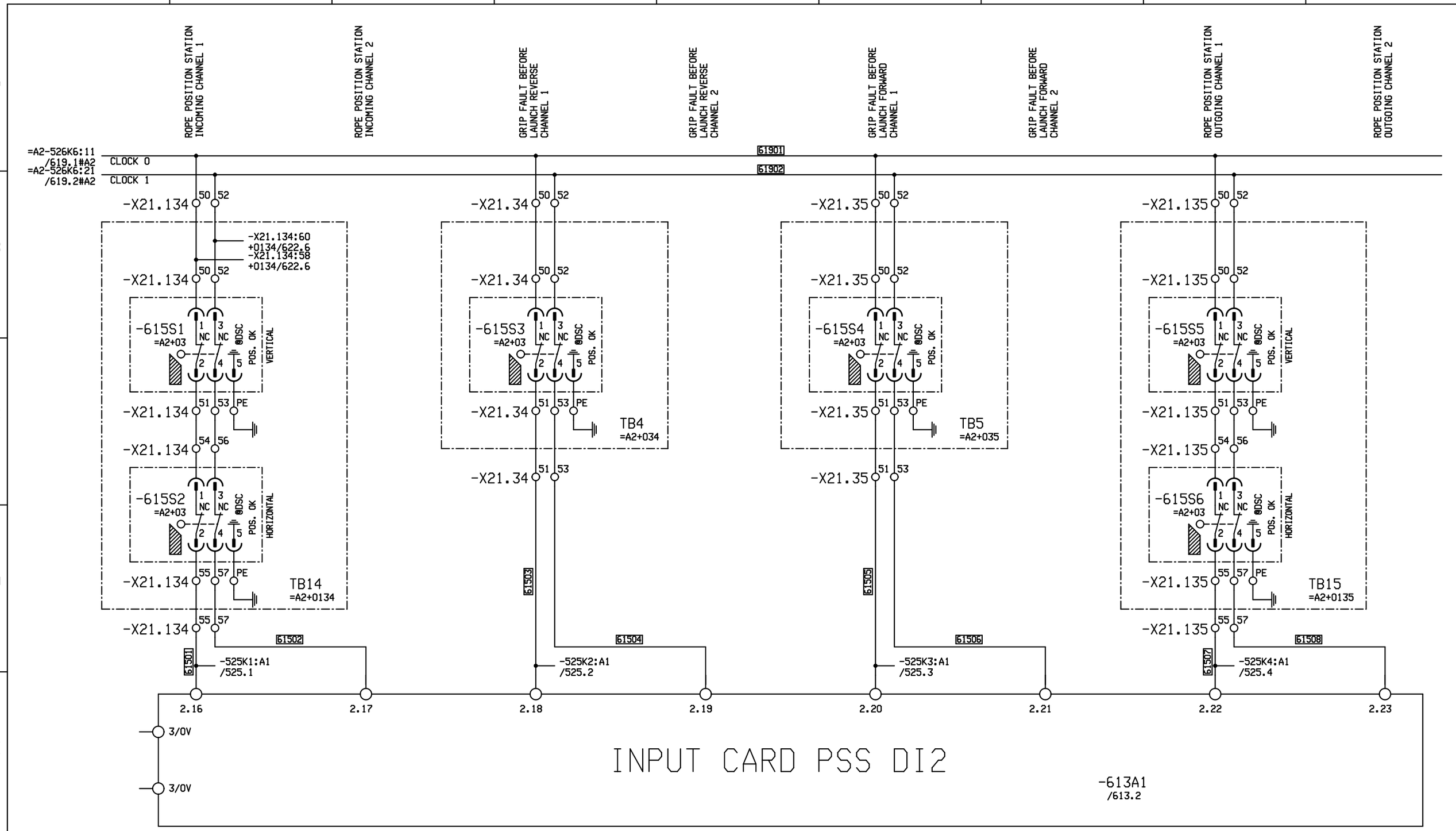

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10-MGD BaNa5
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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

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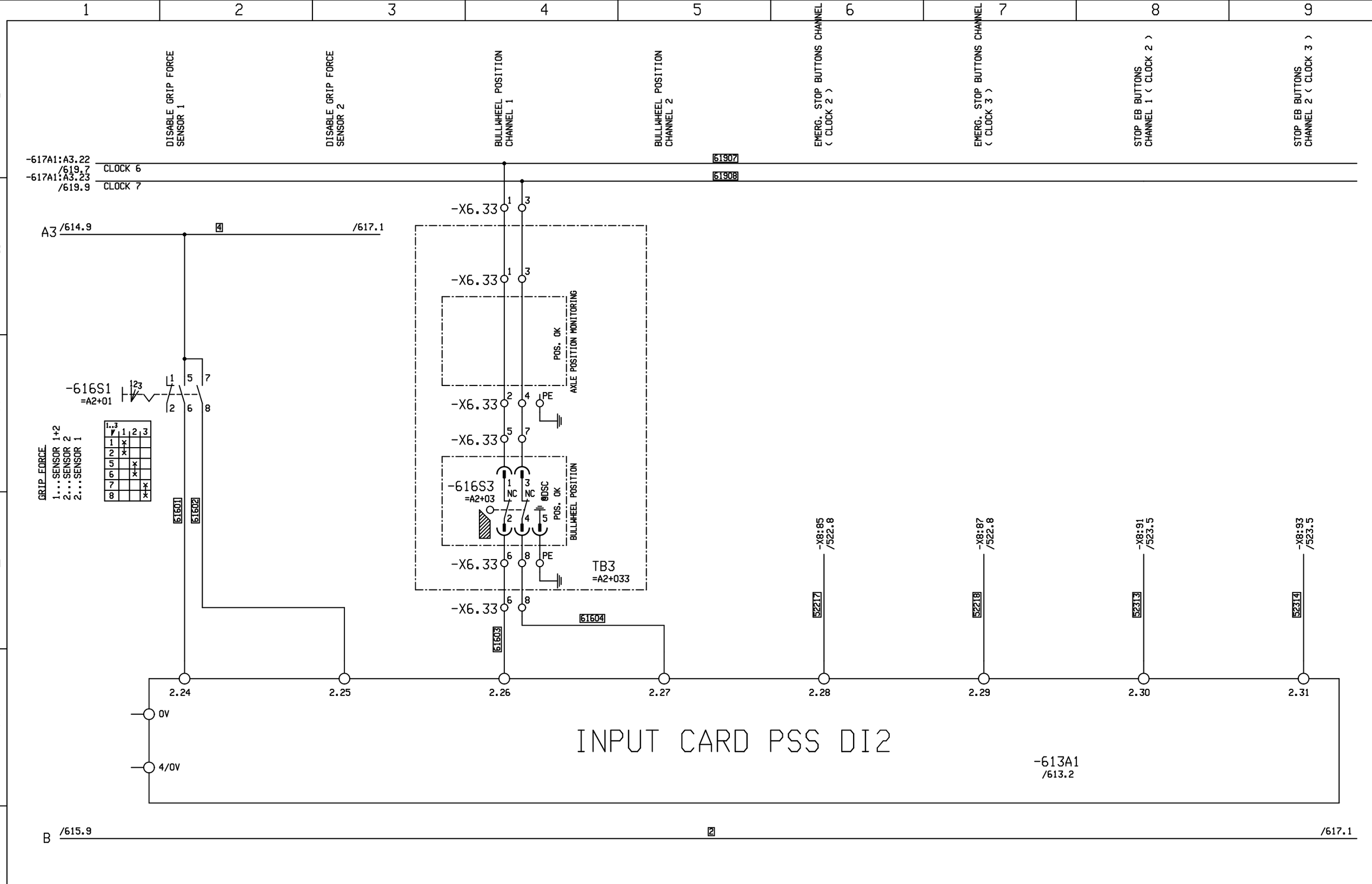

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File:	GEWAA4186		

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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

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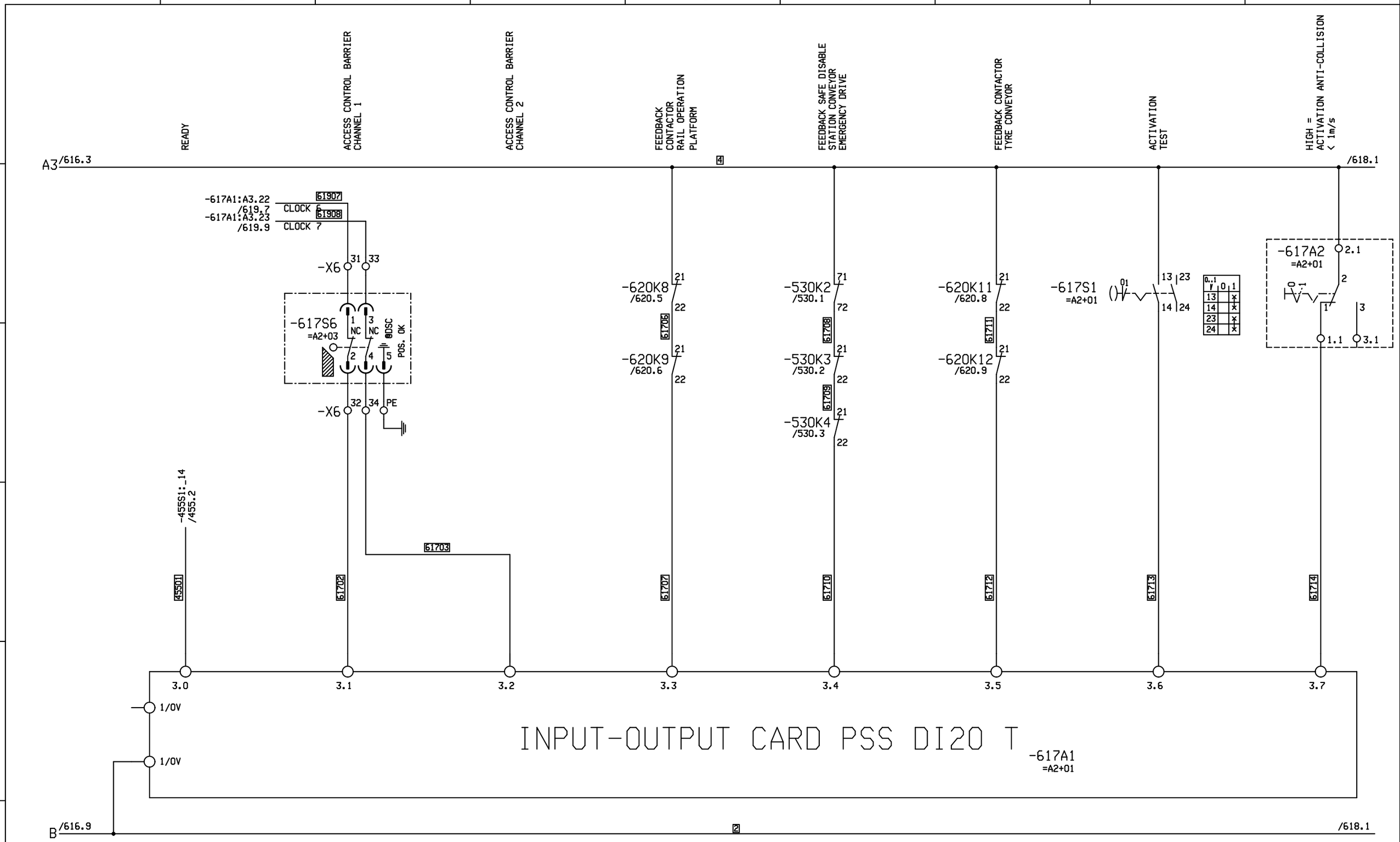

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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

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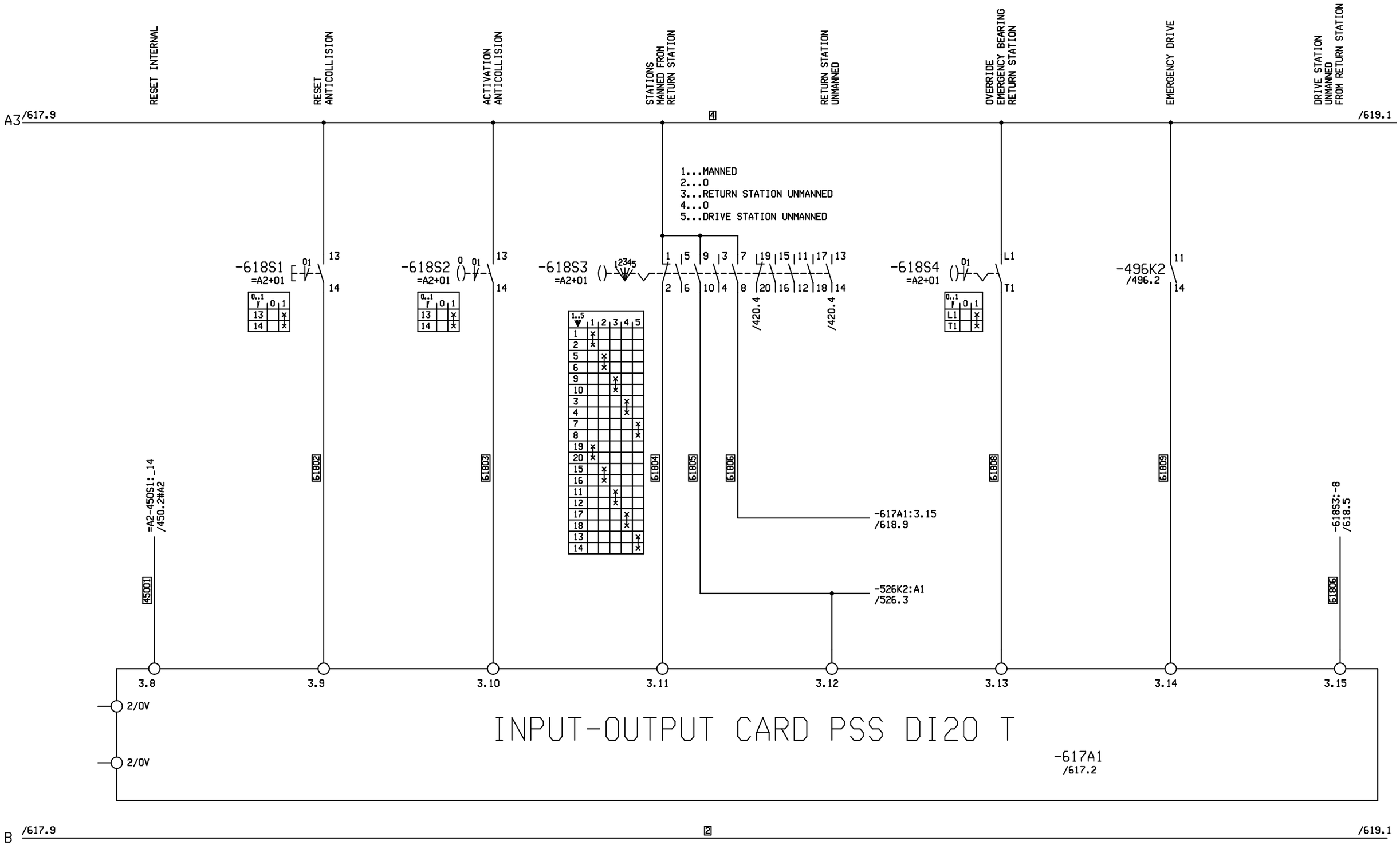

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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

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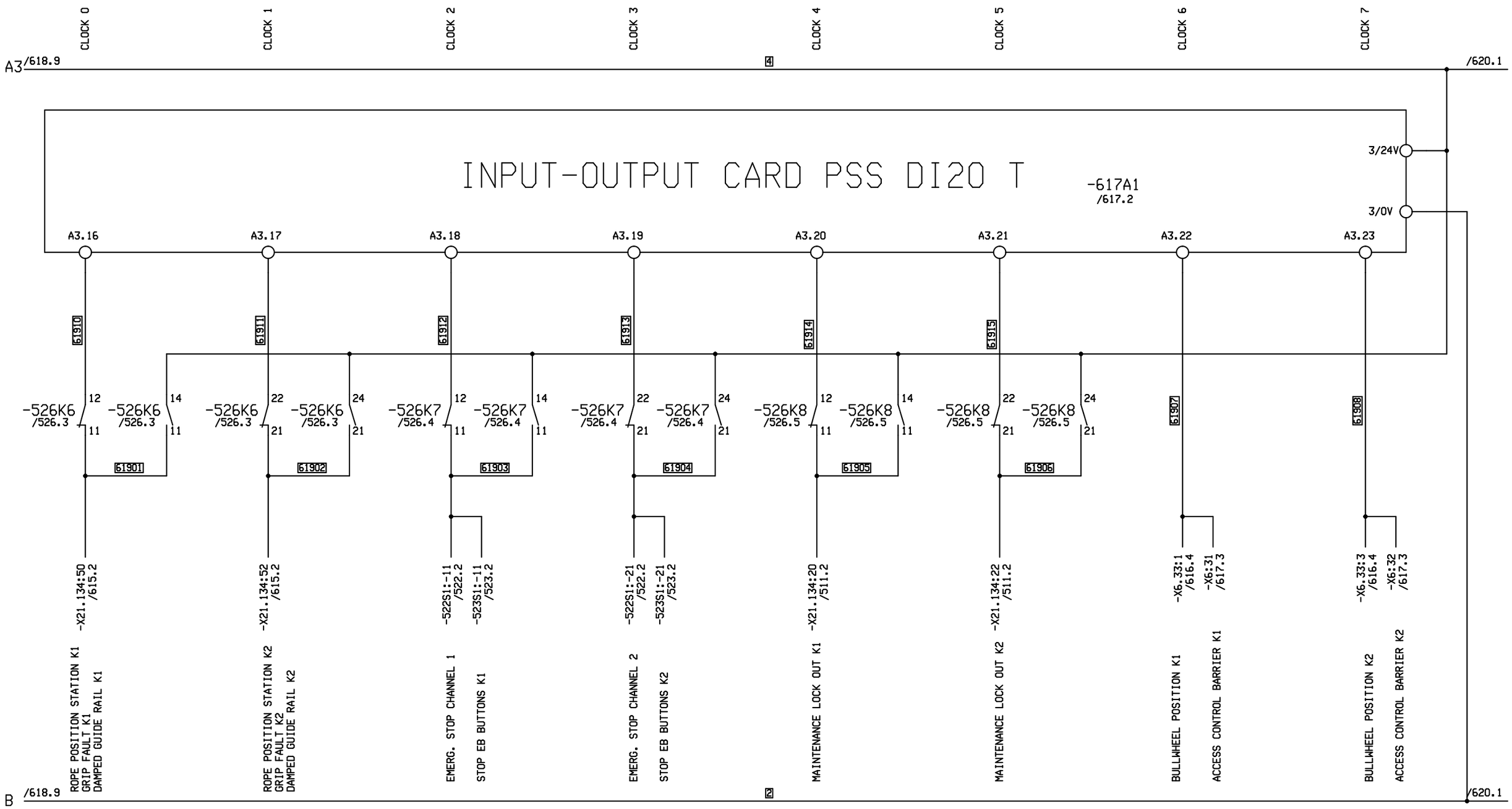

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Date	13.10.16	Dr.ch.by	Fma
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OUTPUT PLC (FS)

RETURN STATION | LV-CONTROL

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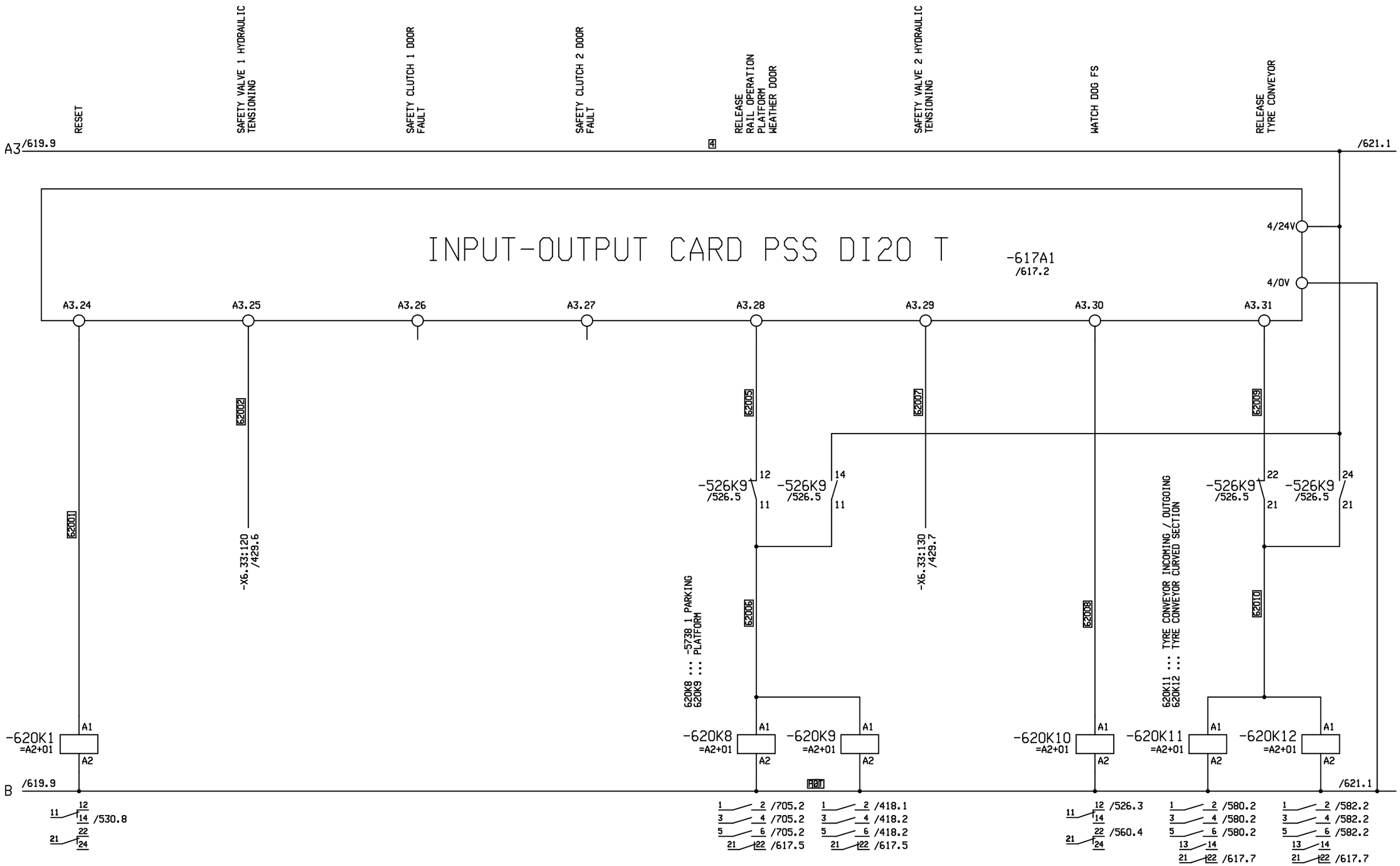

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File: GEWAA4186

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OUTPUT PLC (FS)

RETURN STATION | LV-CONTROL

=A2+01

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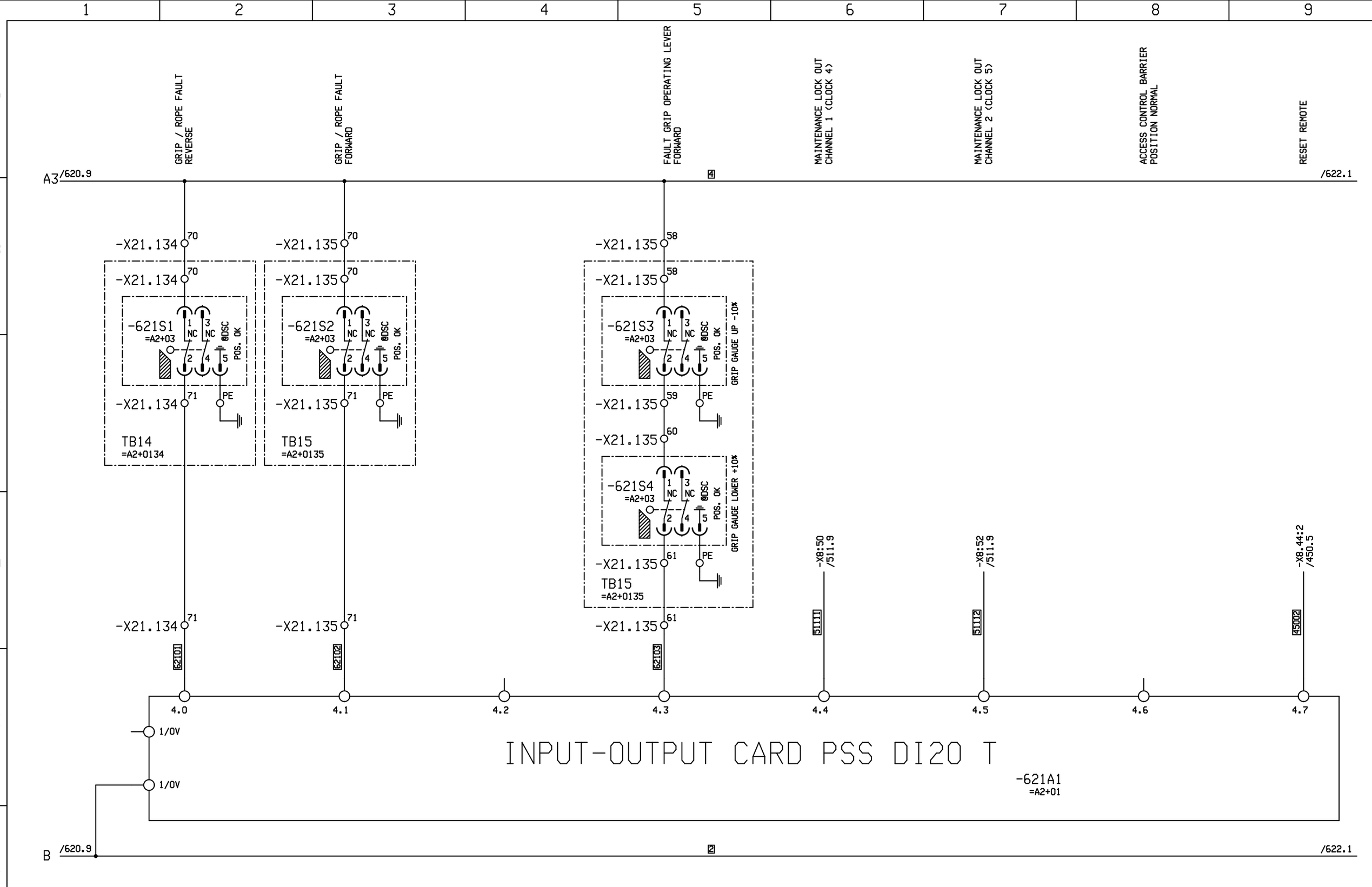

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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

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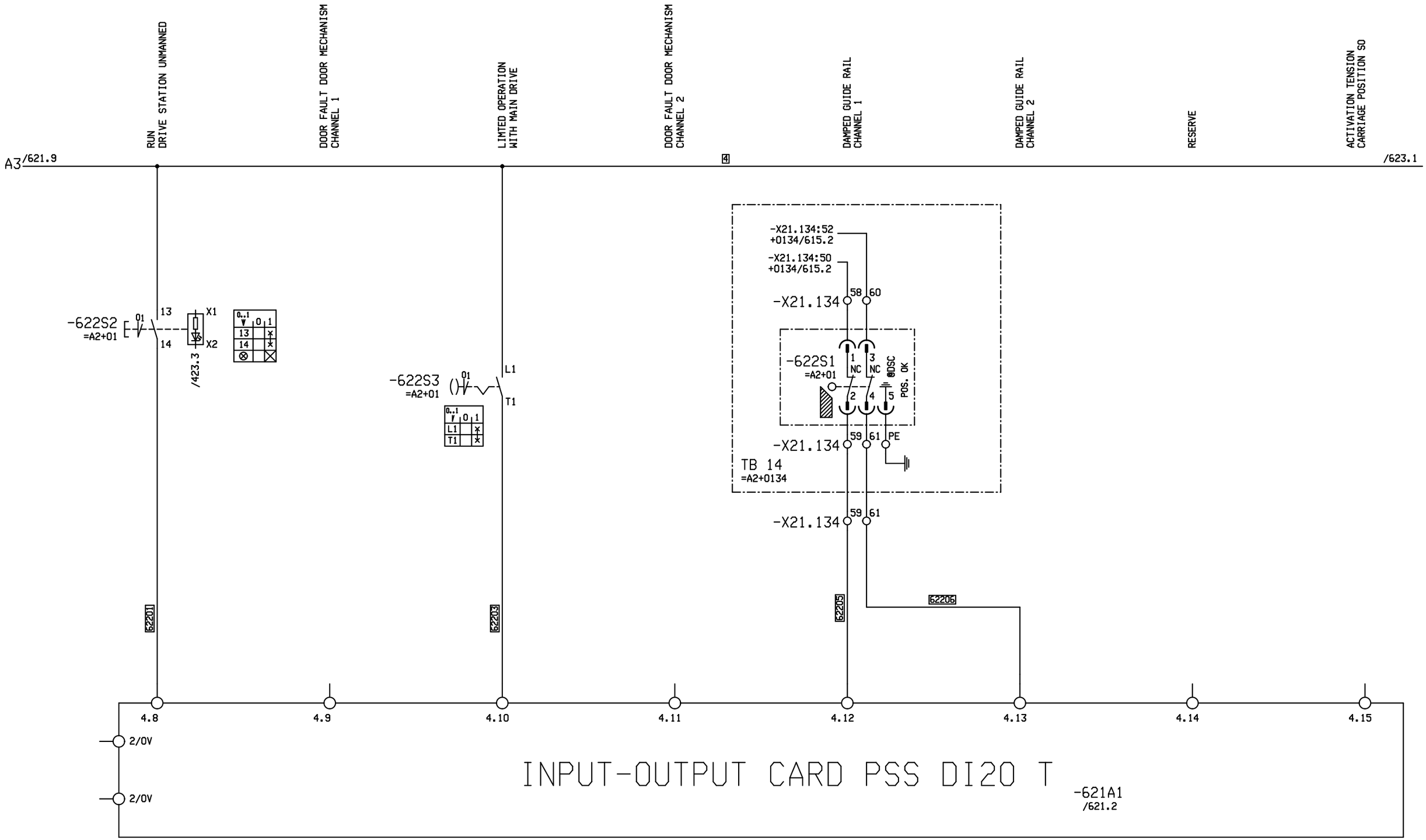

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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

=A2+01

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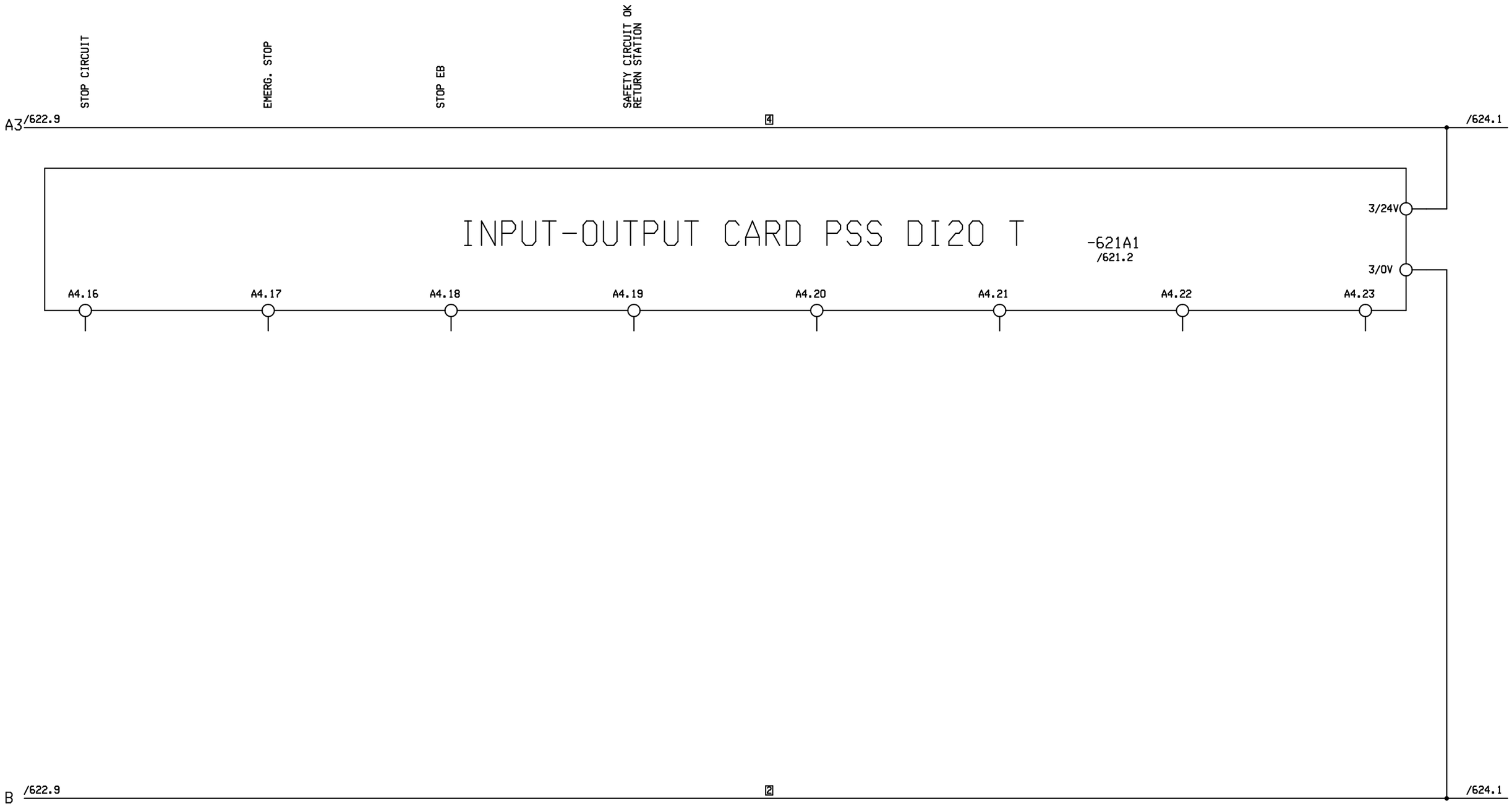

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10-MGD BaNa5
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OUTPUT PLC (FS)

RETURN STATION | LV-CONTROL

=A2+01

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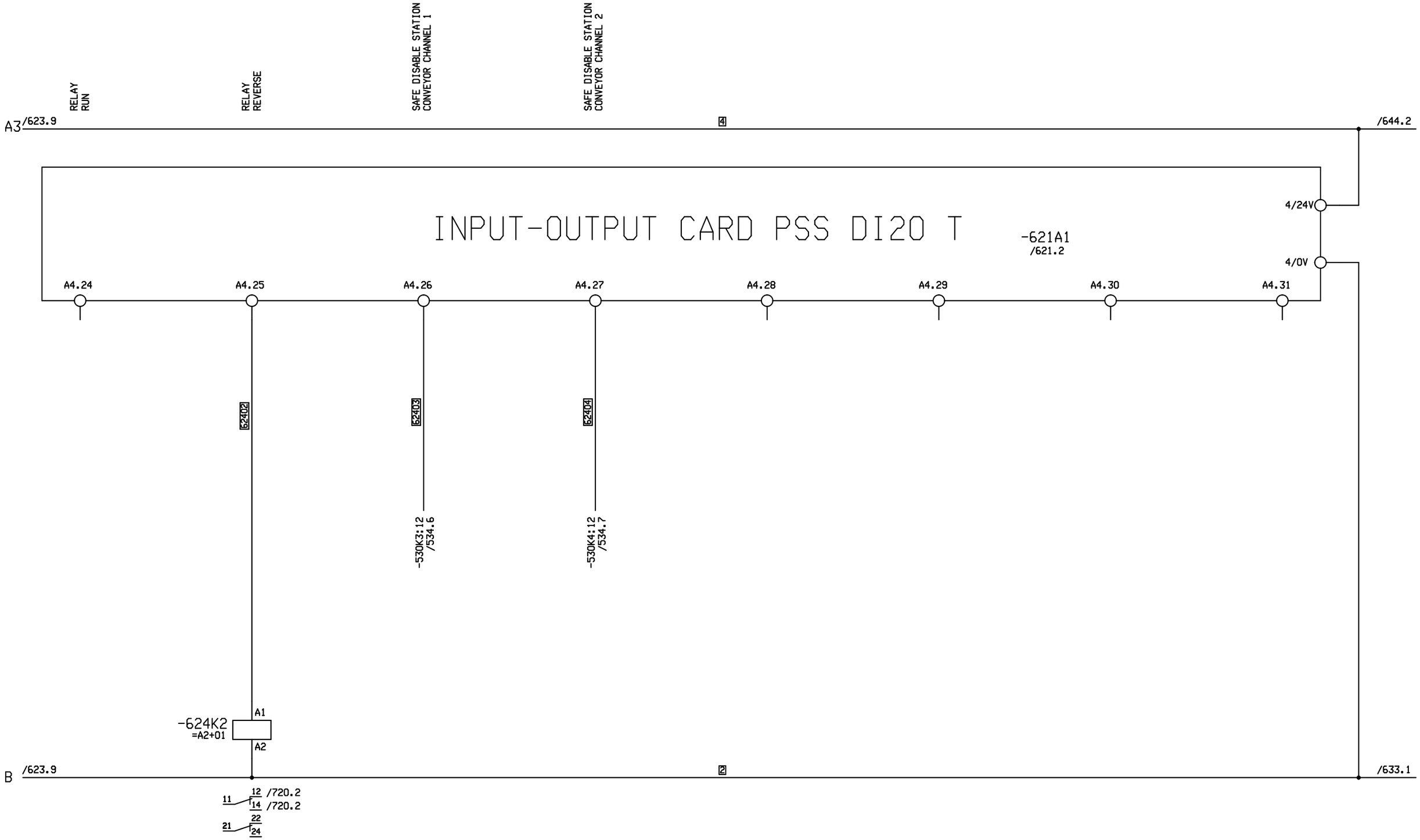

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10-MGD BaNa5
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DANANG / VIETNAM

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OUTPUT PLC (FS)

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
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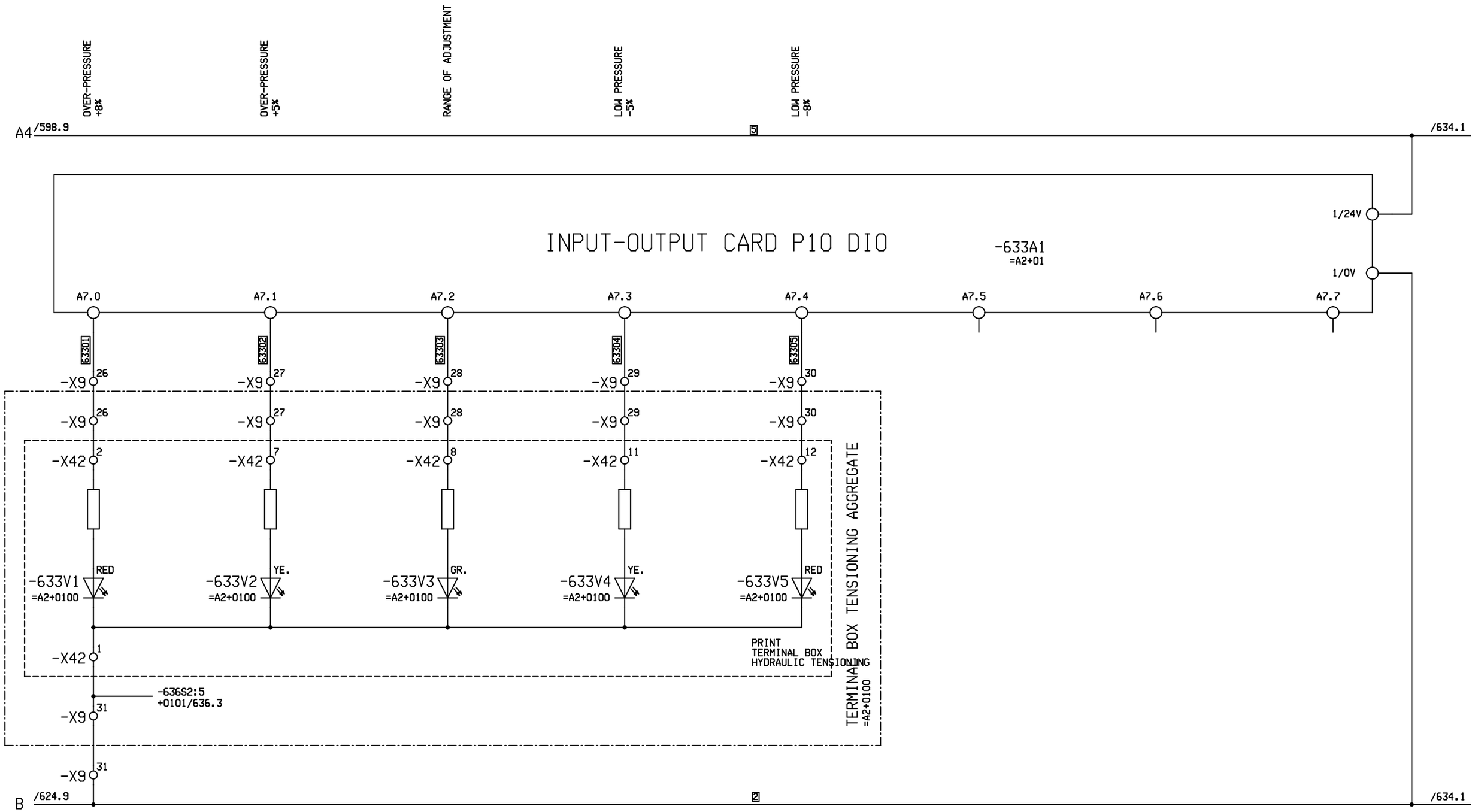

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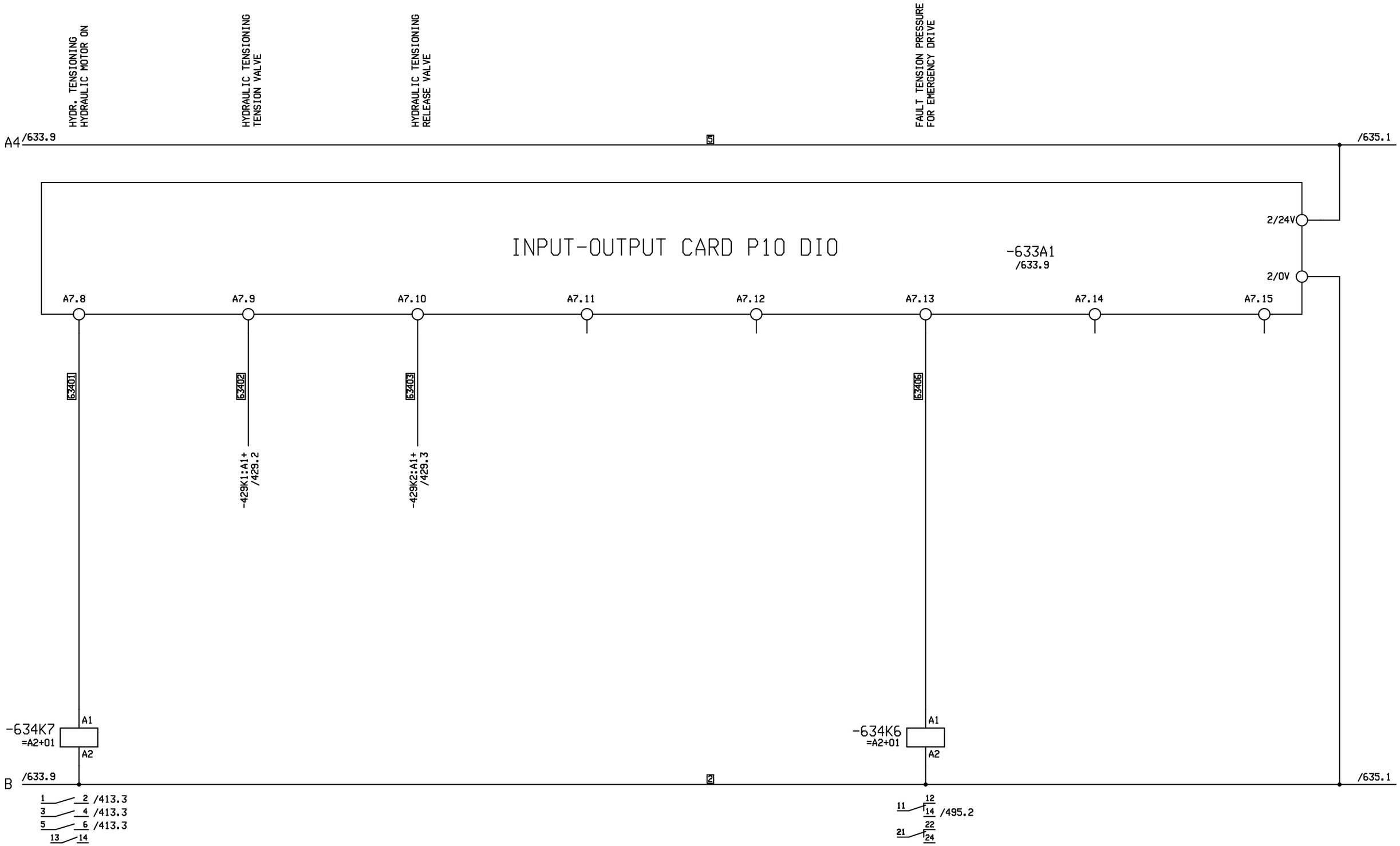

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WAA0004186
DANANG / VIETNAM

Doppelmayr ®
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OUTPUT PLC (ST)

RETURN STATION | LV-CONTROL

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Date	15.03.16
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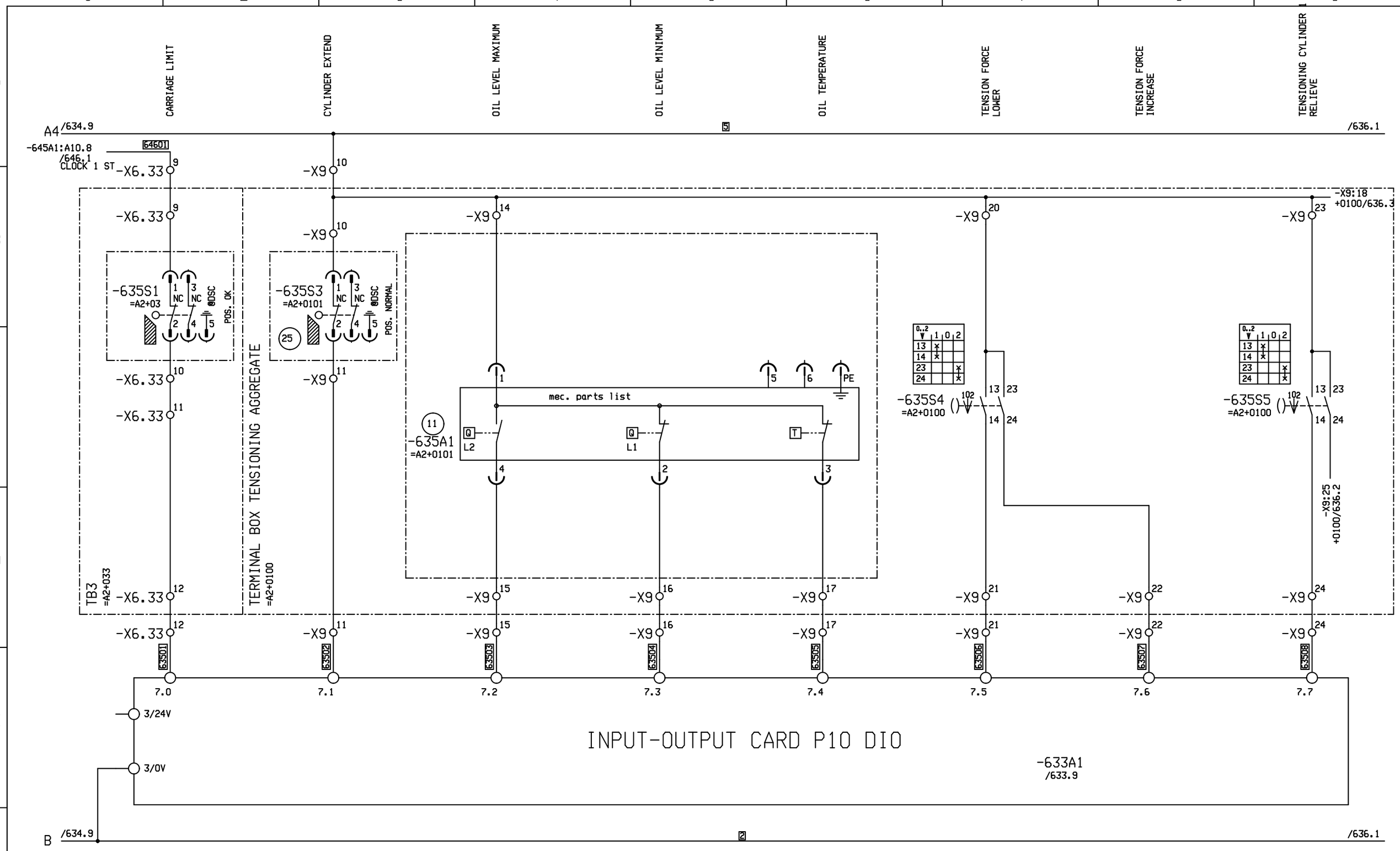

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INPUT PLC (ST)

RETURN STATION | LV-CONTROL

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Date	12.04.16
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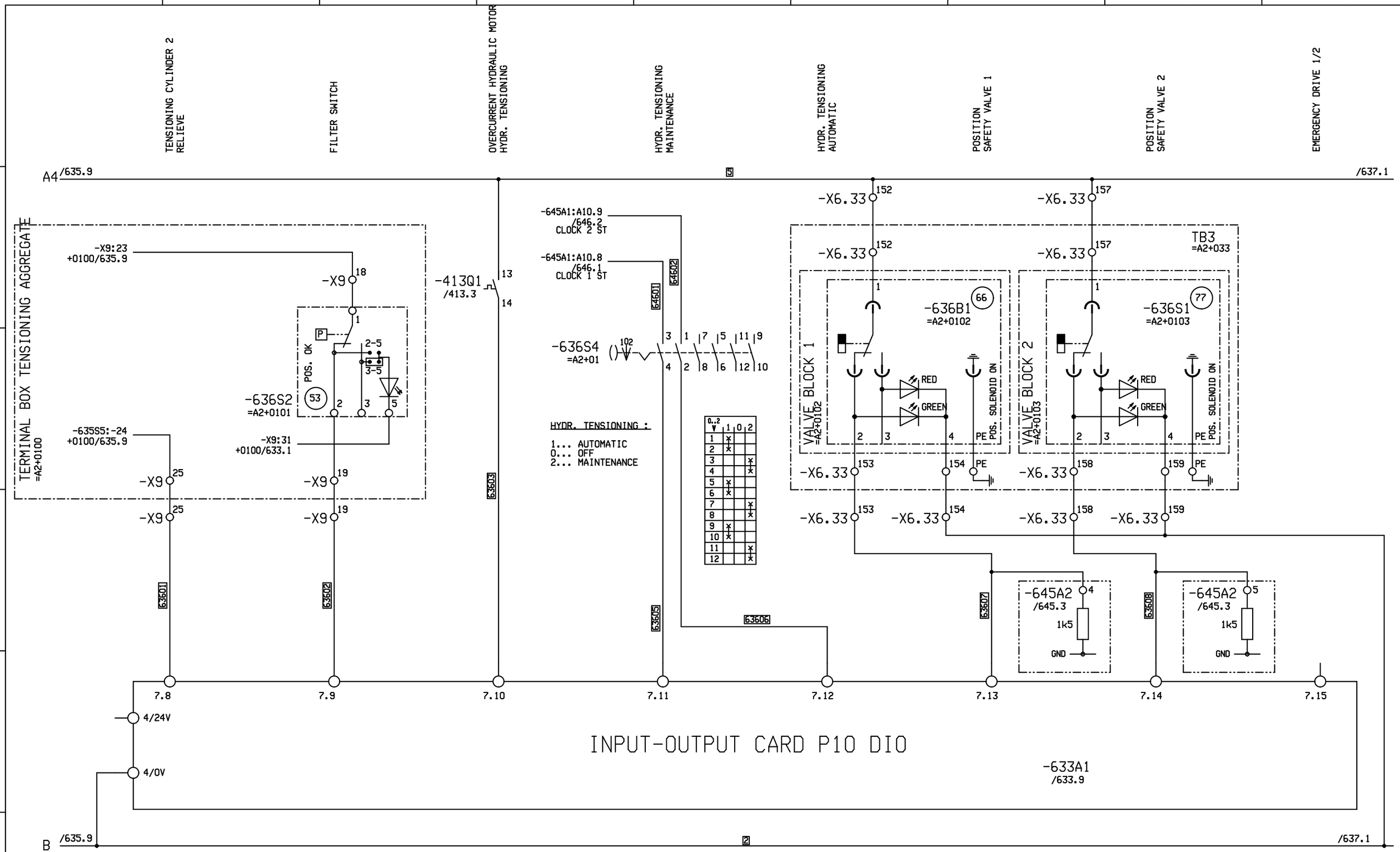

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

10-MGD BaNa5
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Date	06.06.16
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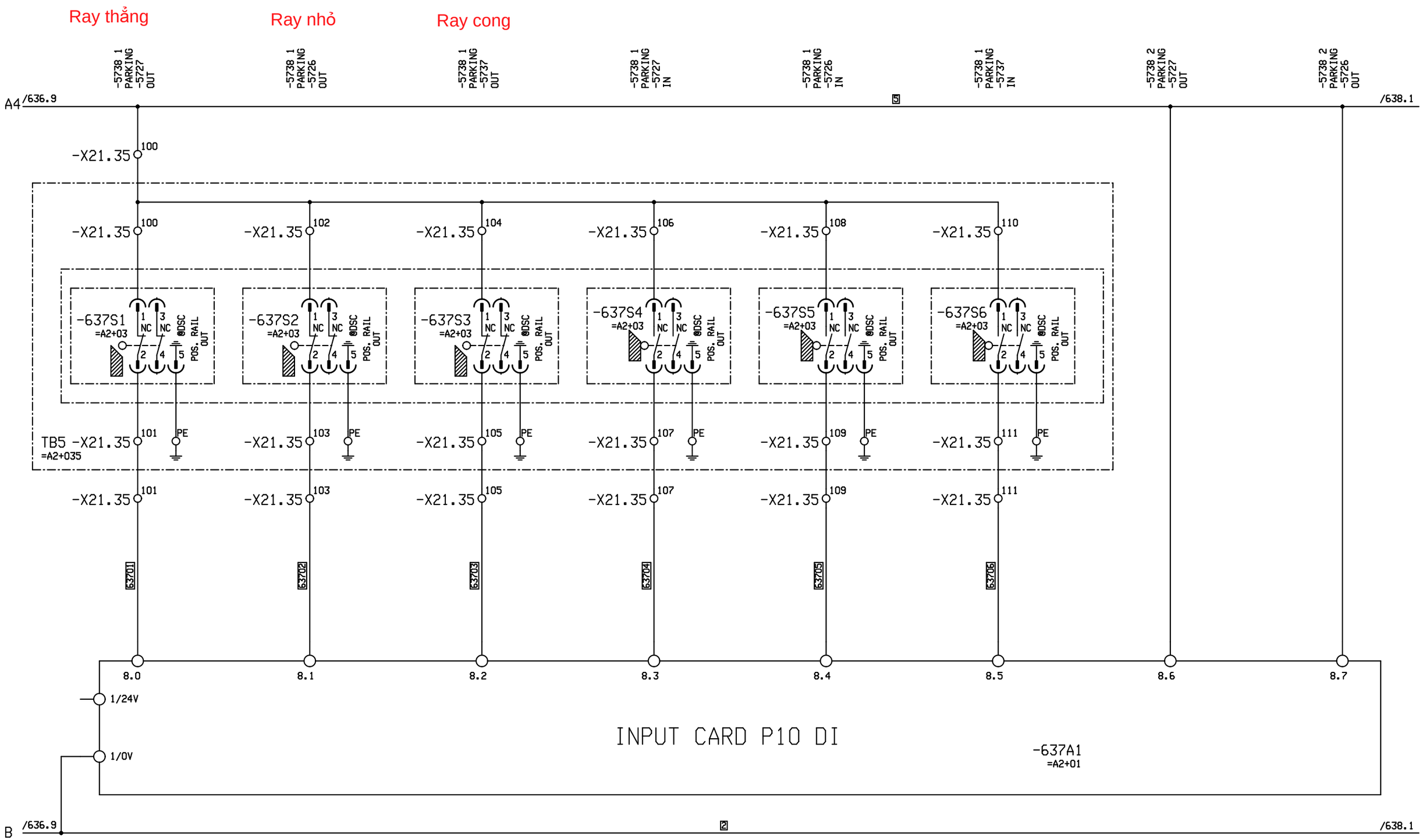

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Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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Date	27.04.16
Sheet :	637
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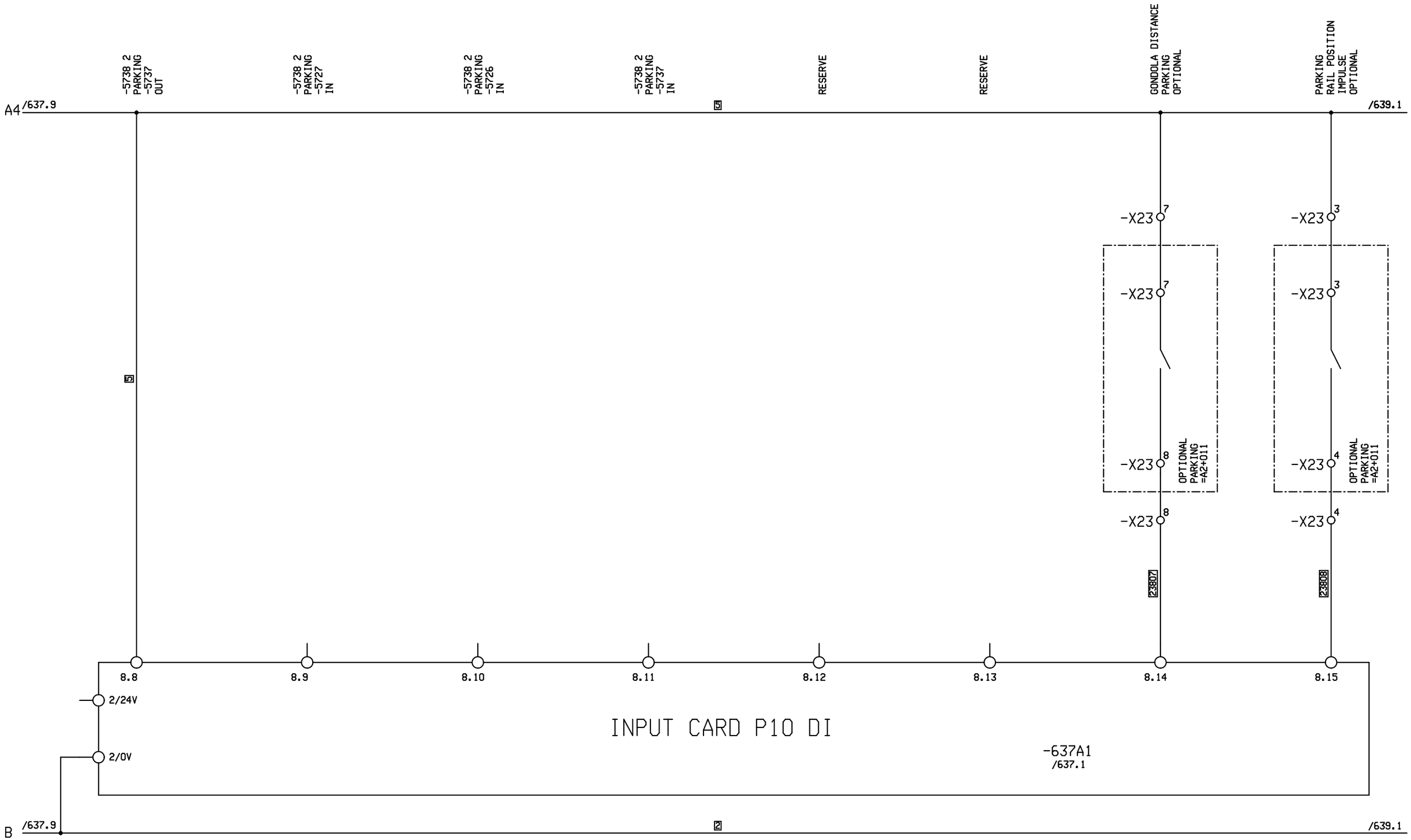

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Revision	2.0	Drawn by	SST
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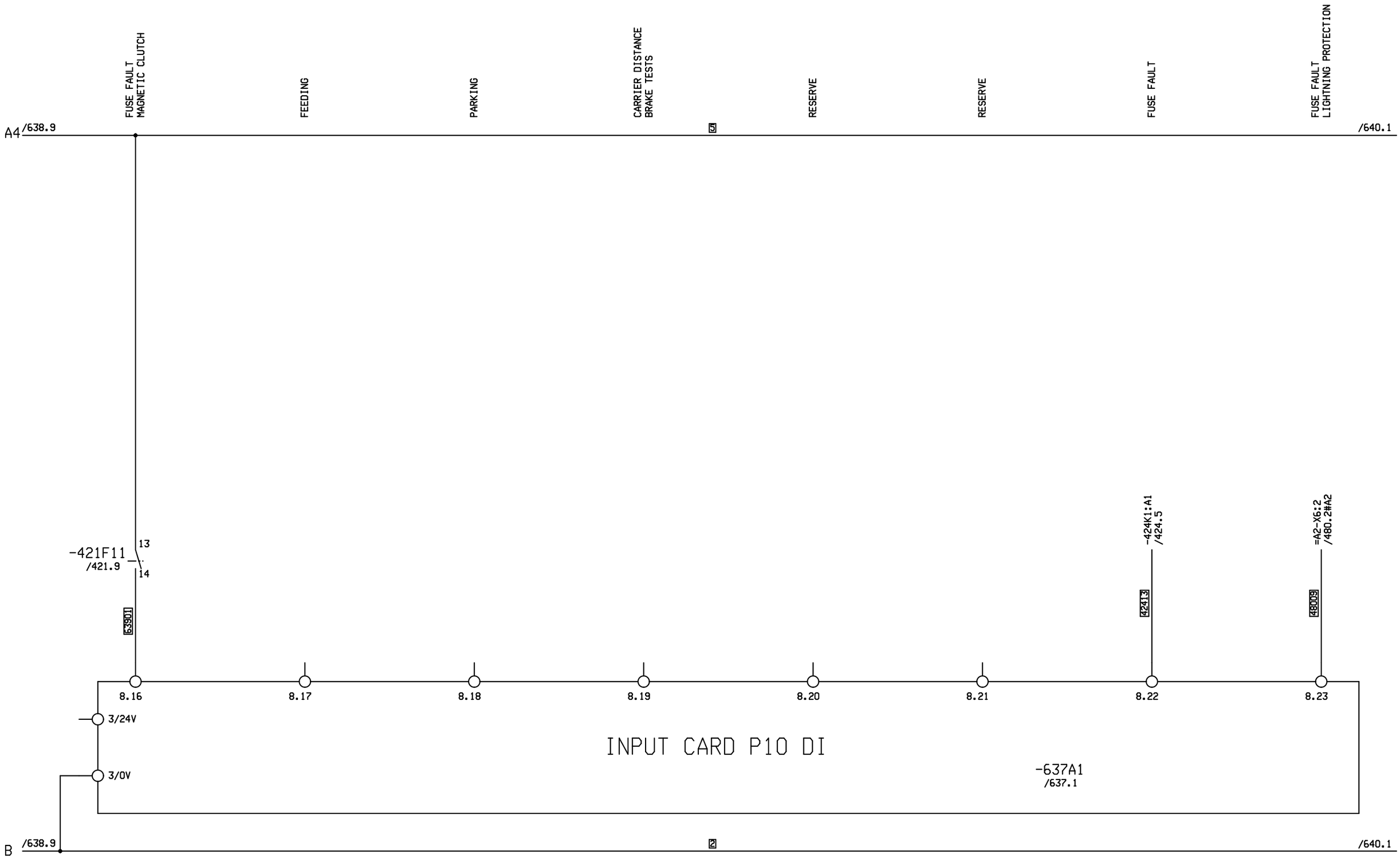

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Date	13.10.16	Dr.ch.by	Fma

File: GEWAA4186

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Date	06.04.16
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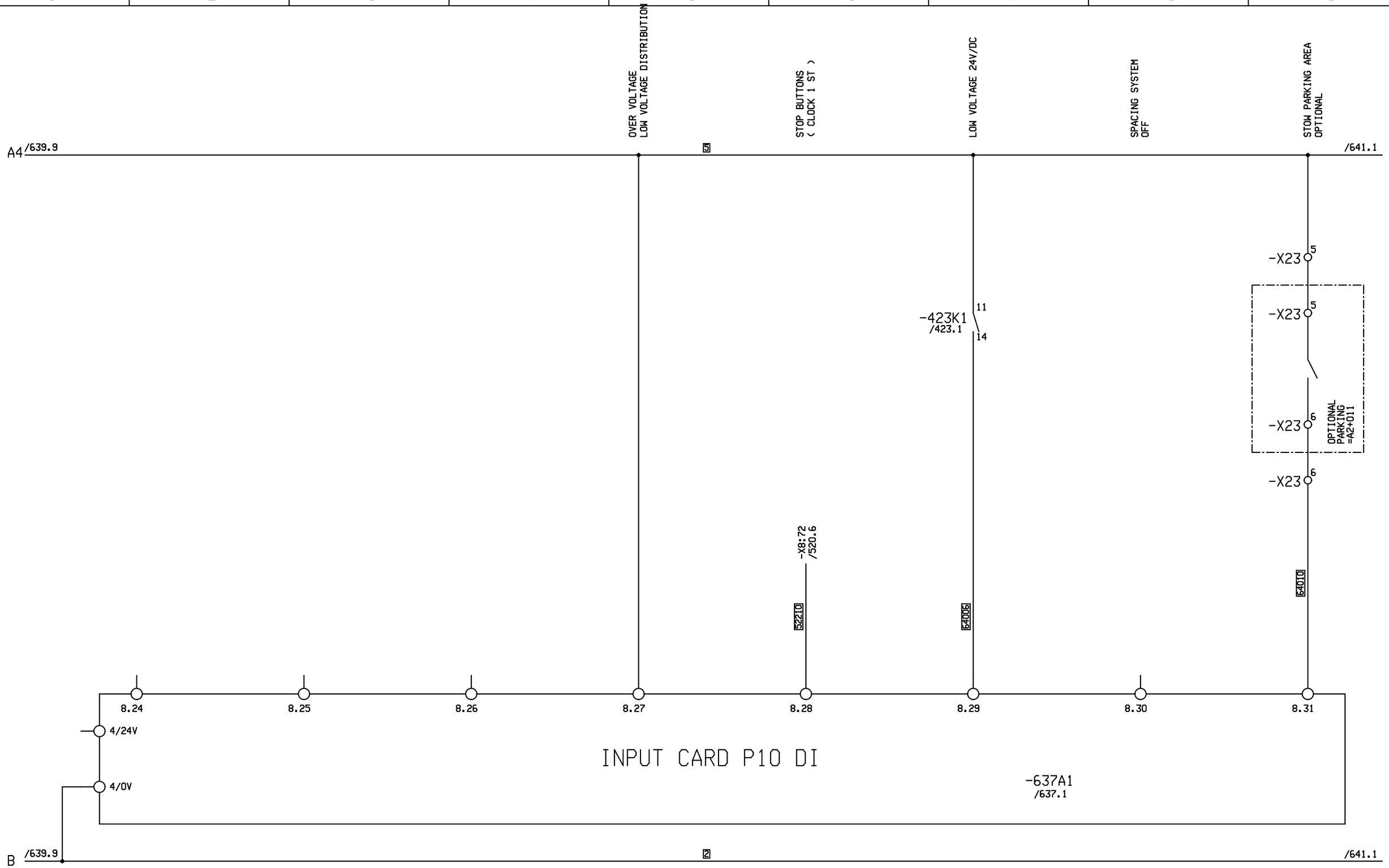

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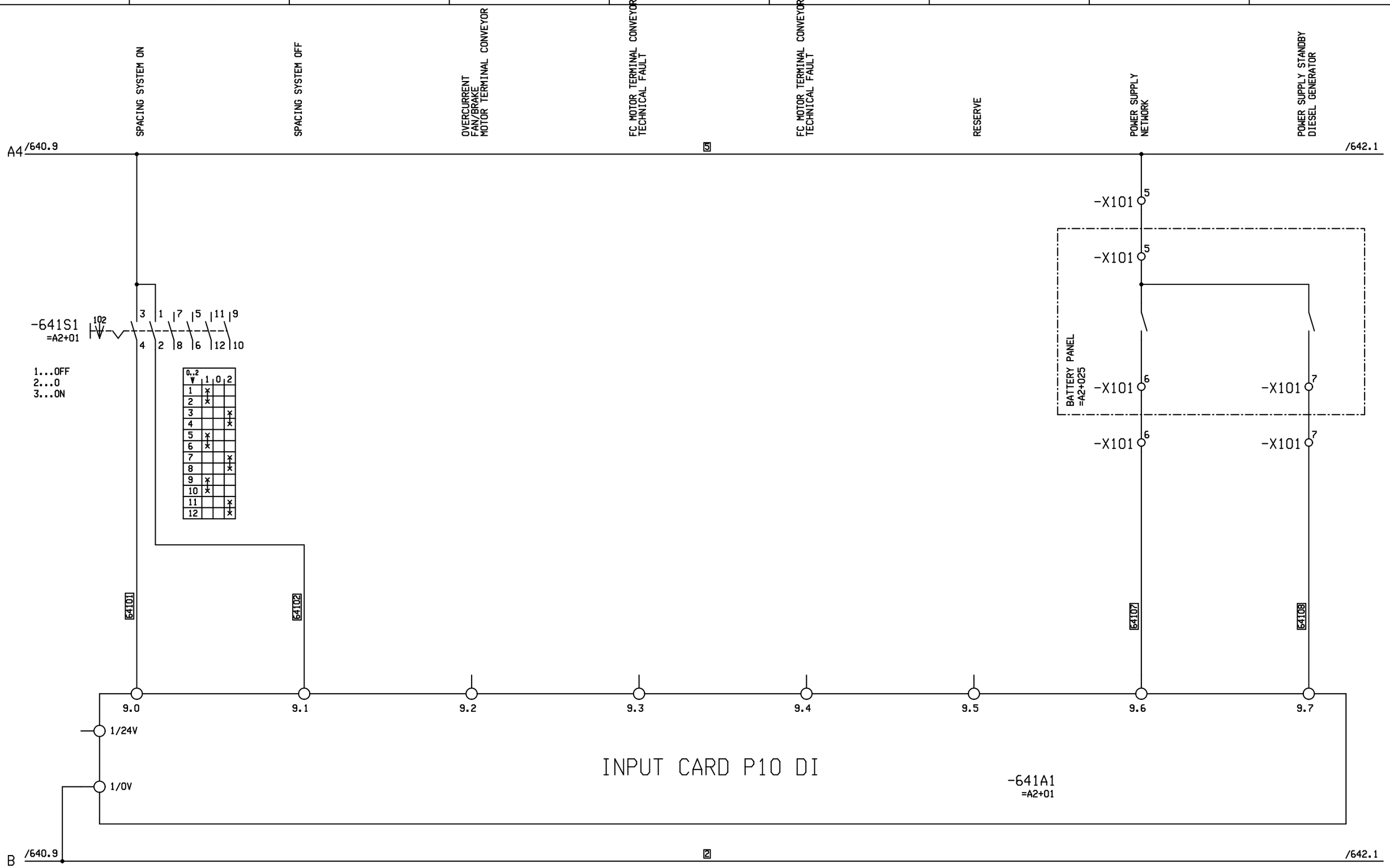

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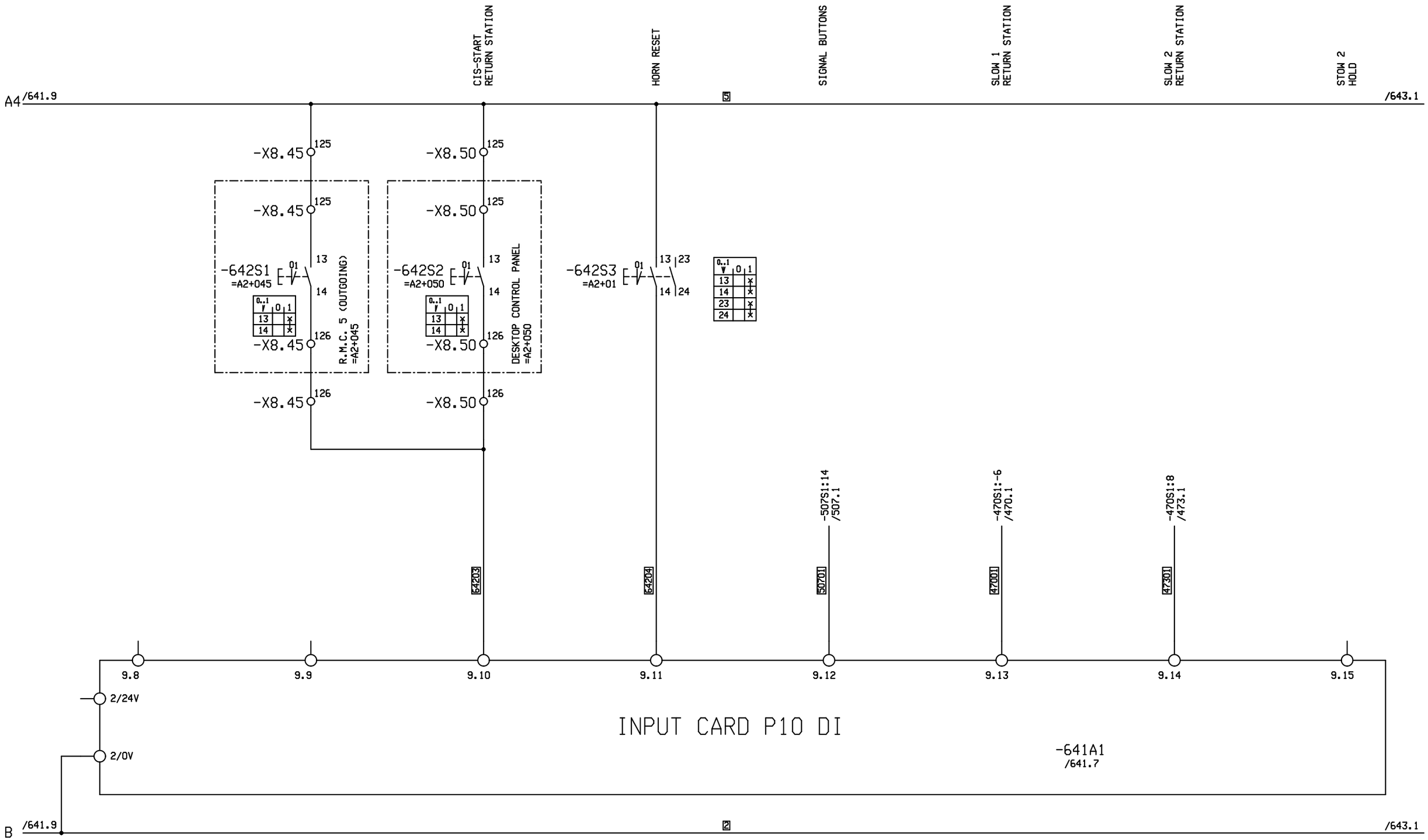

Revision	2.0	Drawn by	SST
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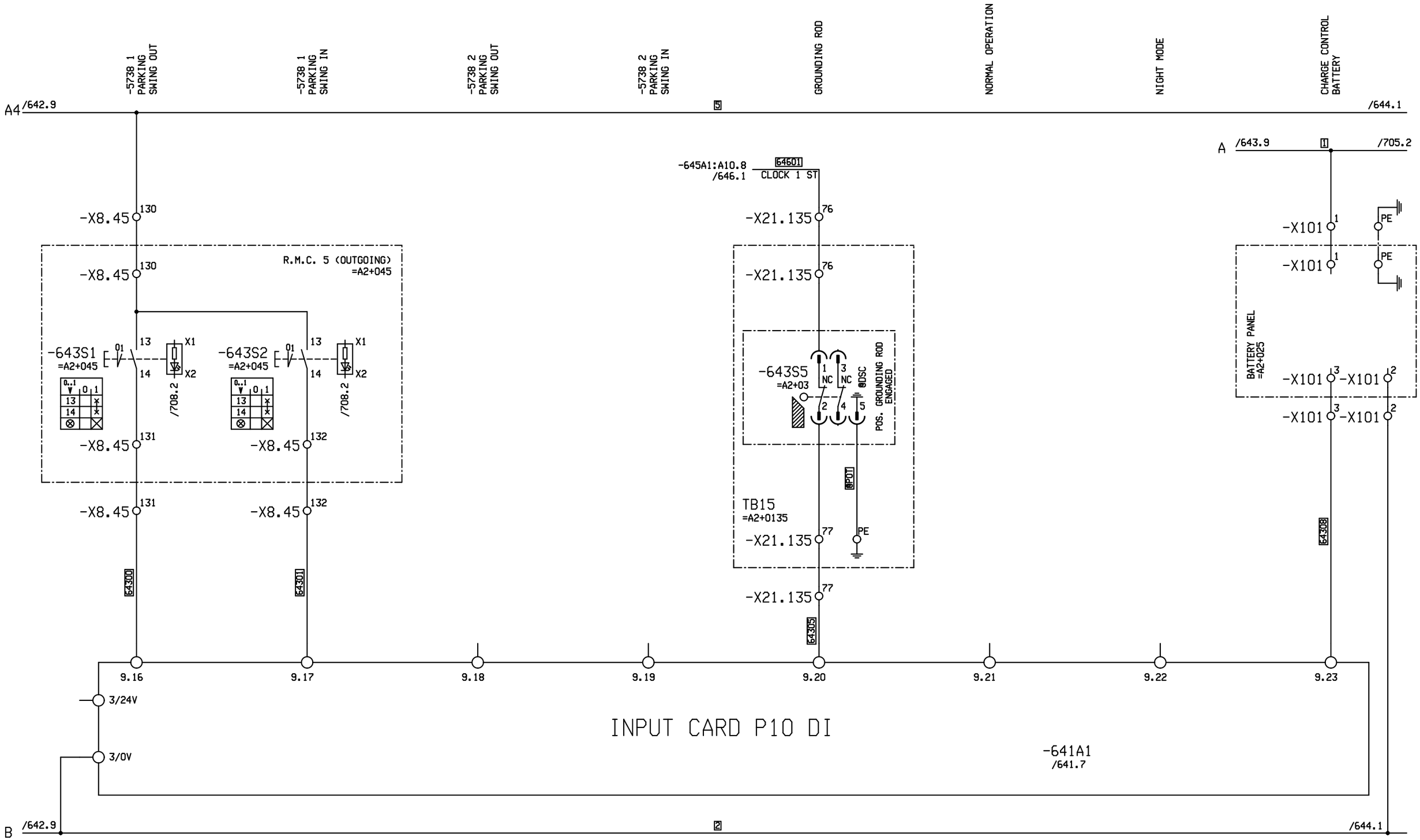

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Date	11.04.16
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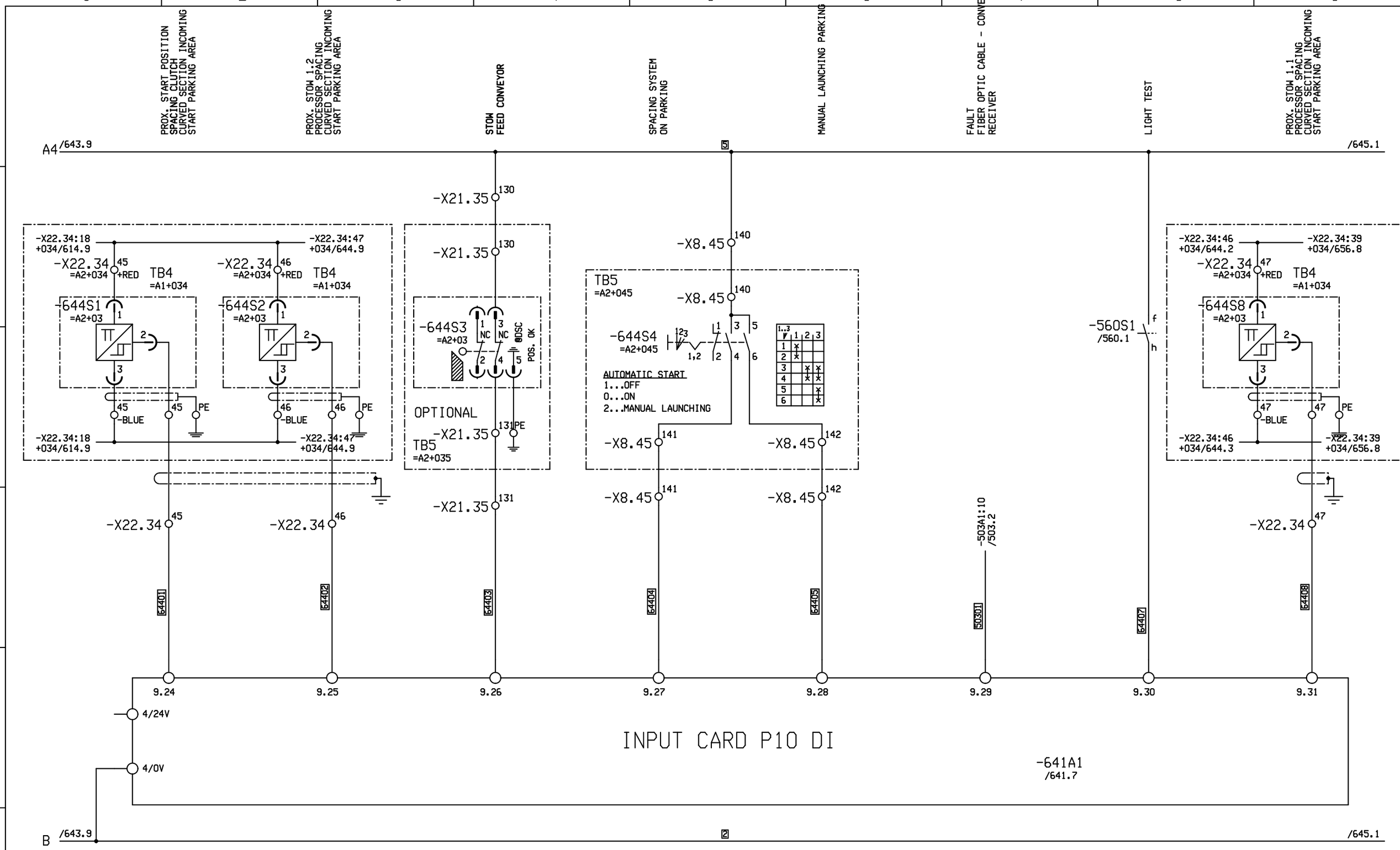
Cont.sheet:	644



Revision	2.0	Drawn by	SST
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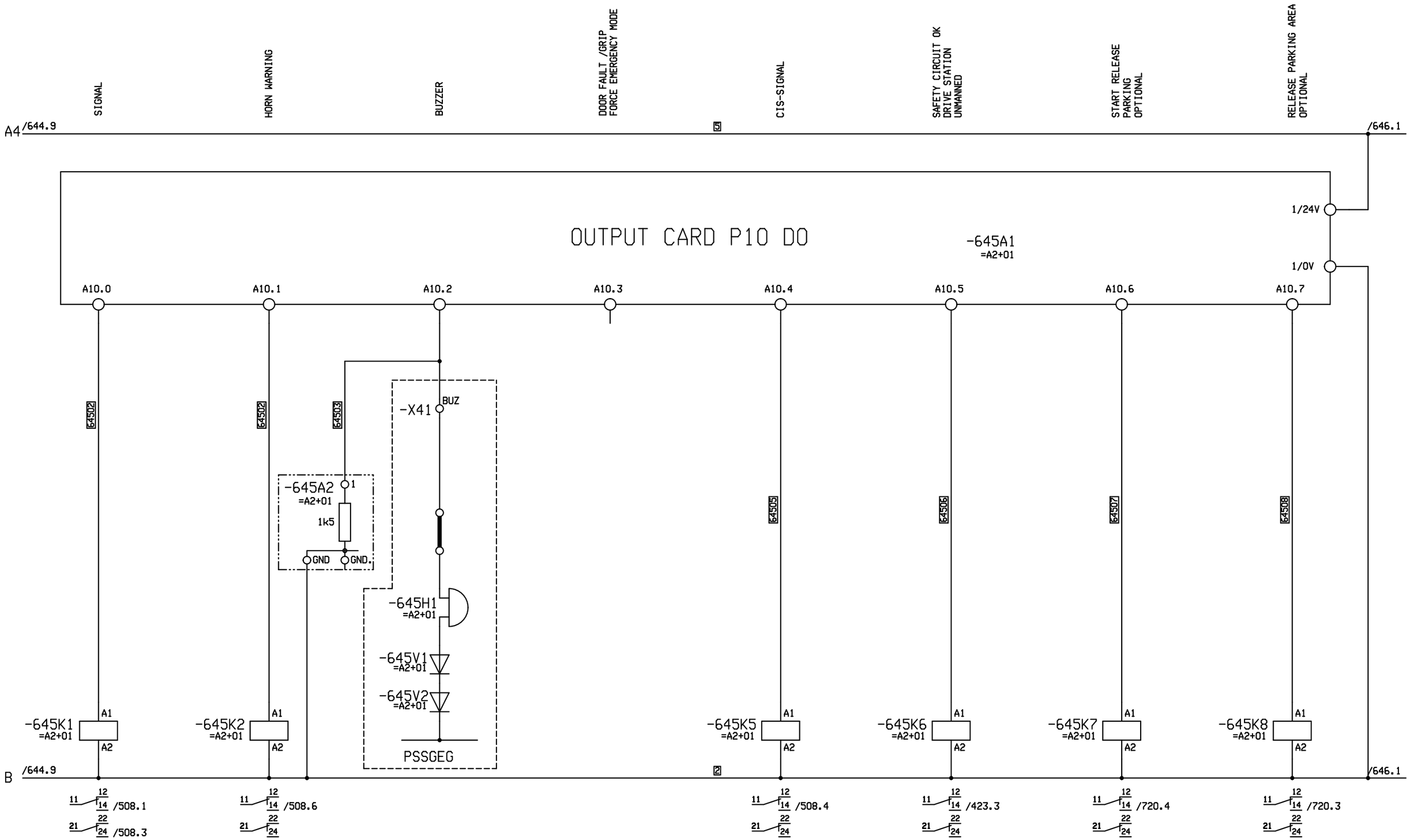

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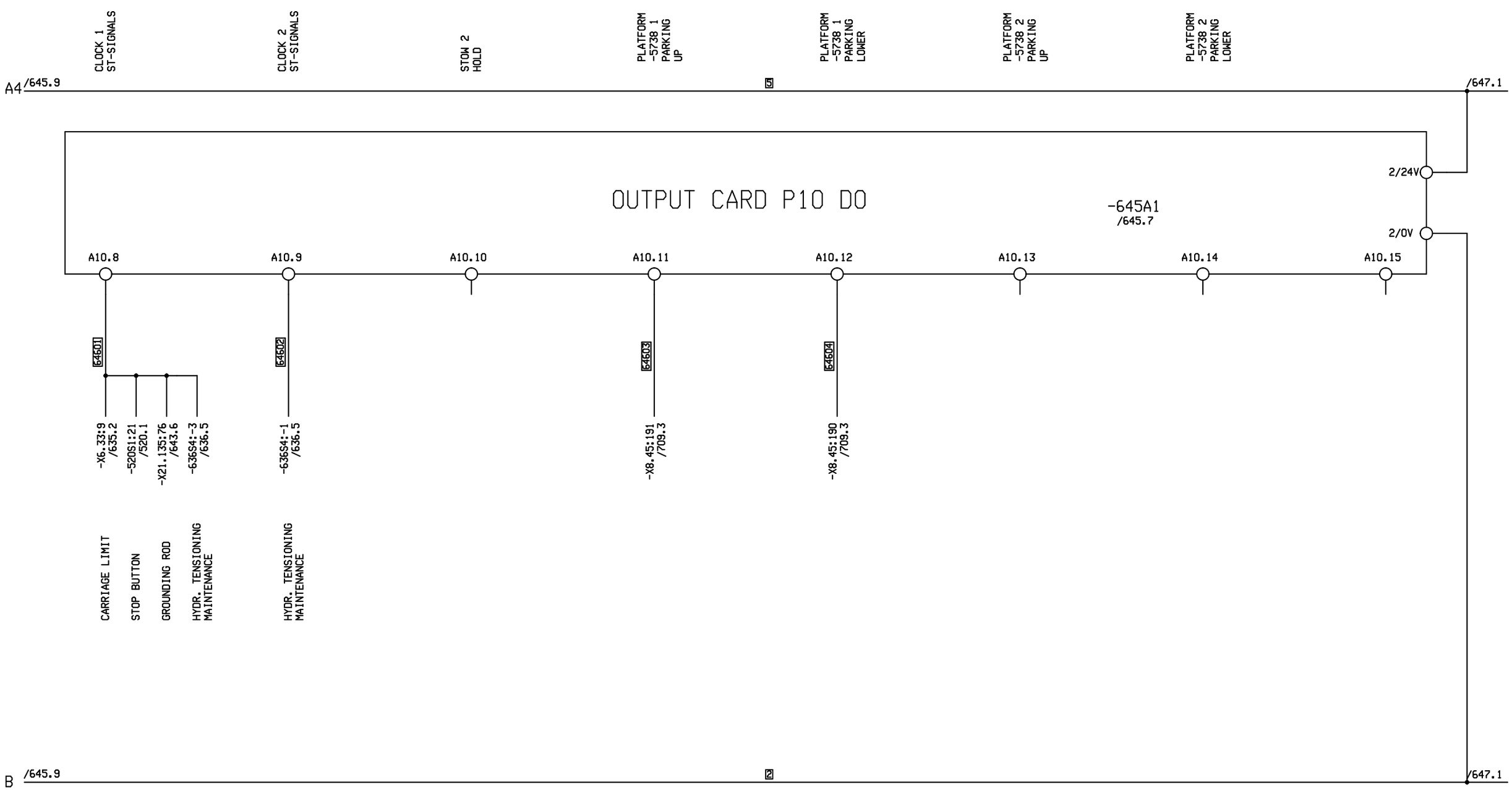

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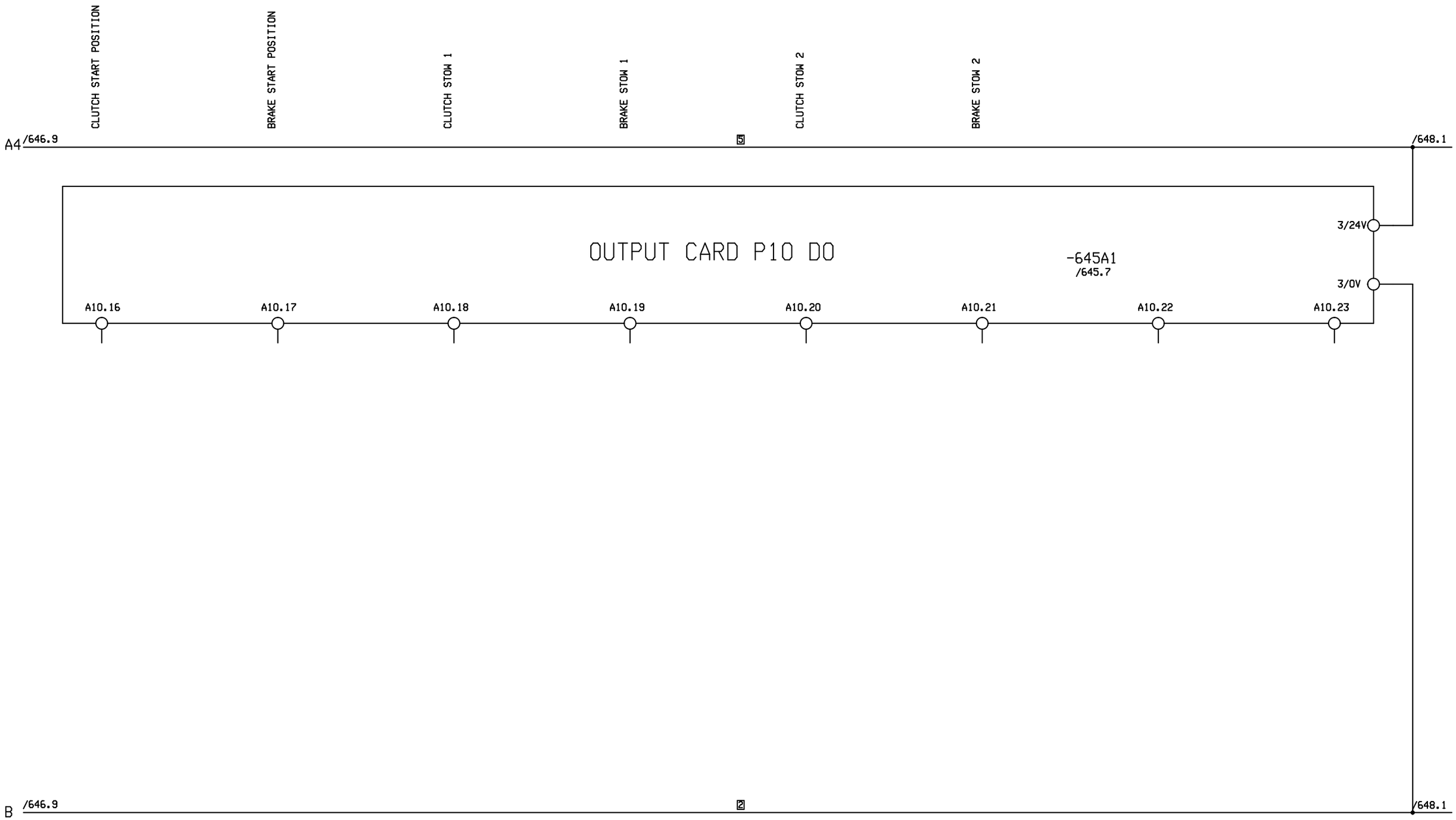

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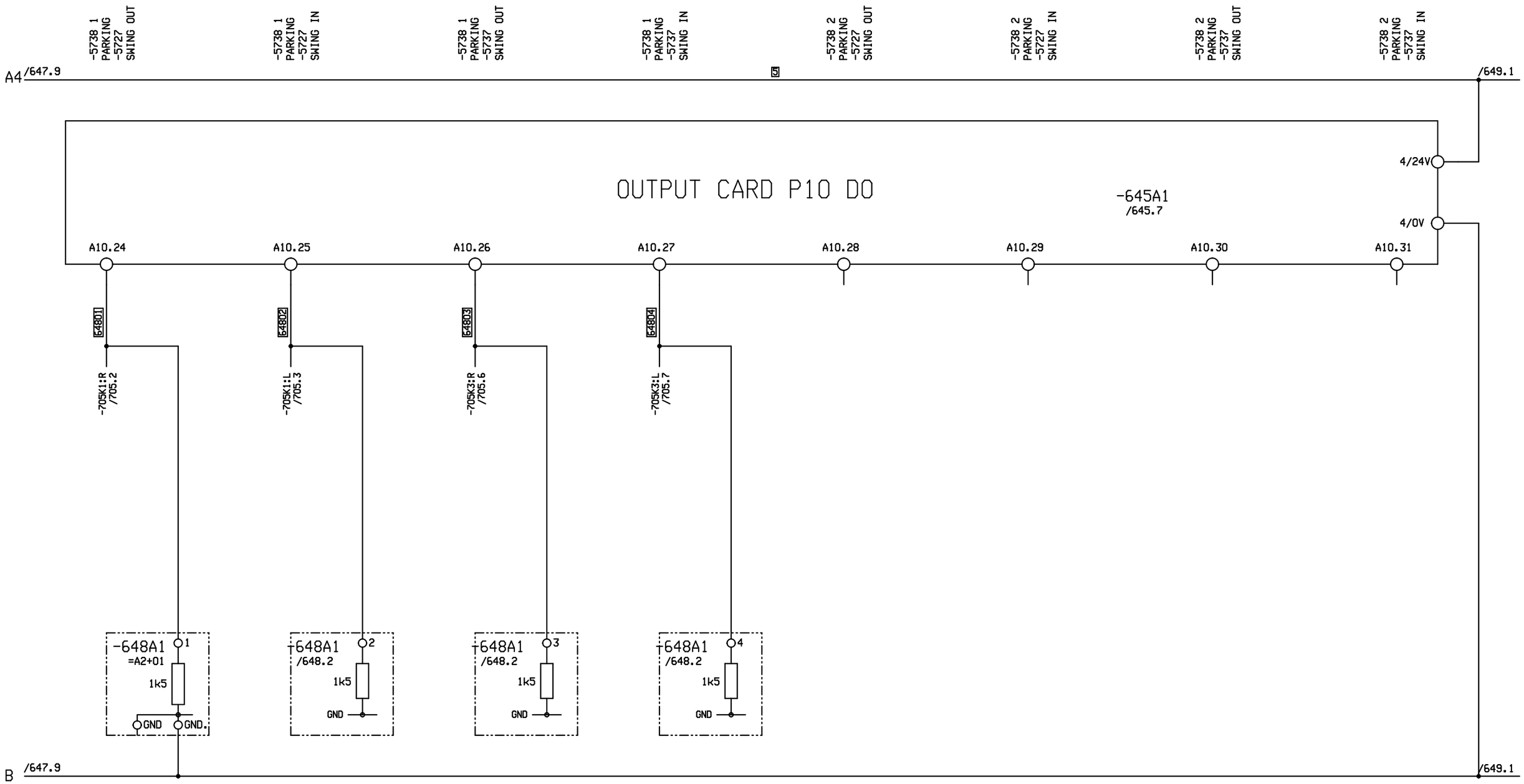

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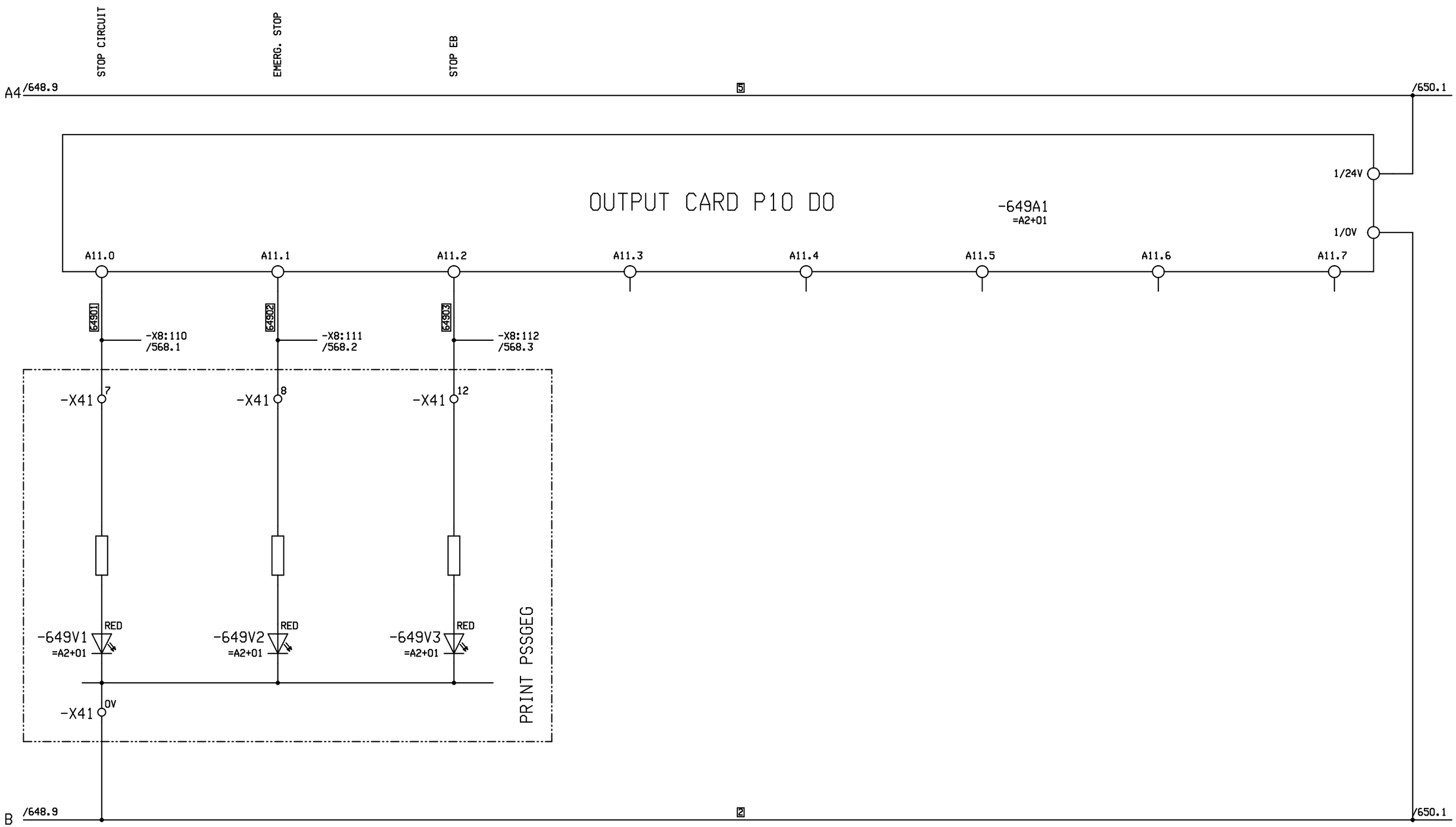

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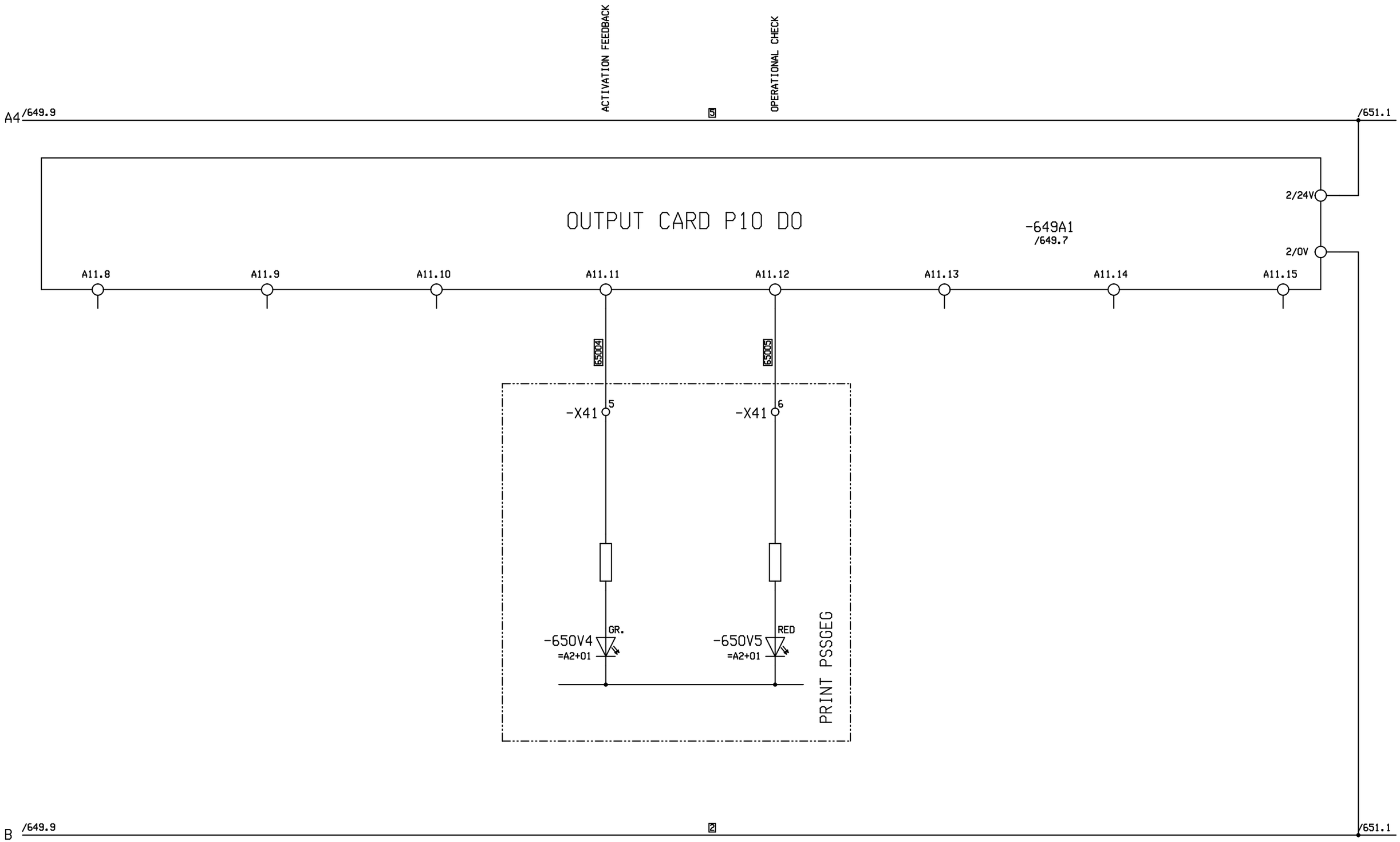

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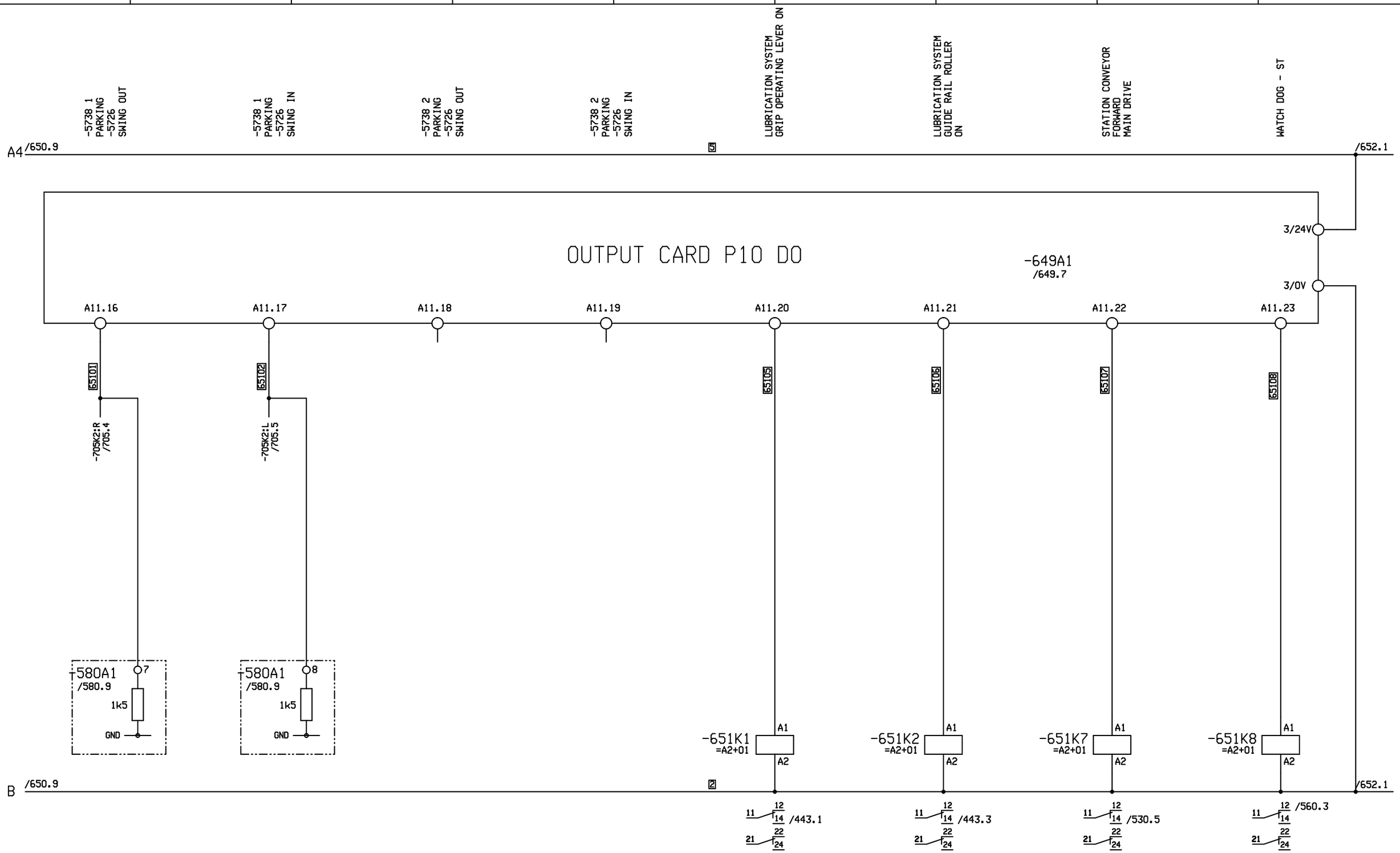

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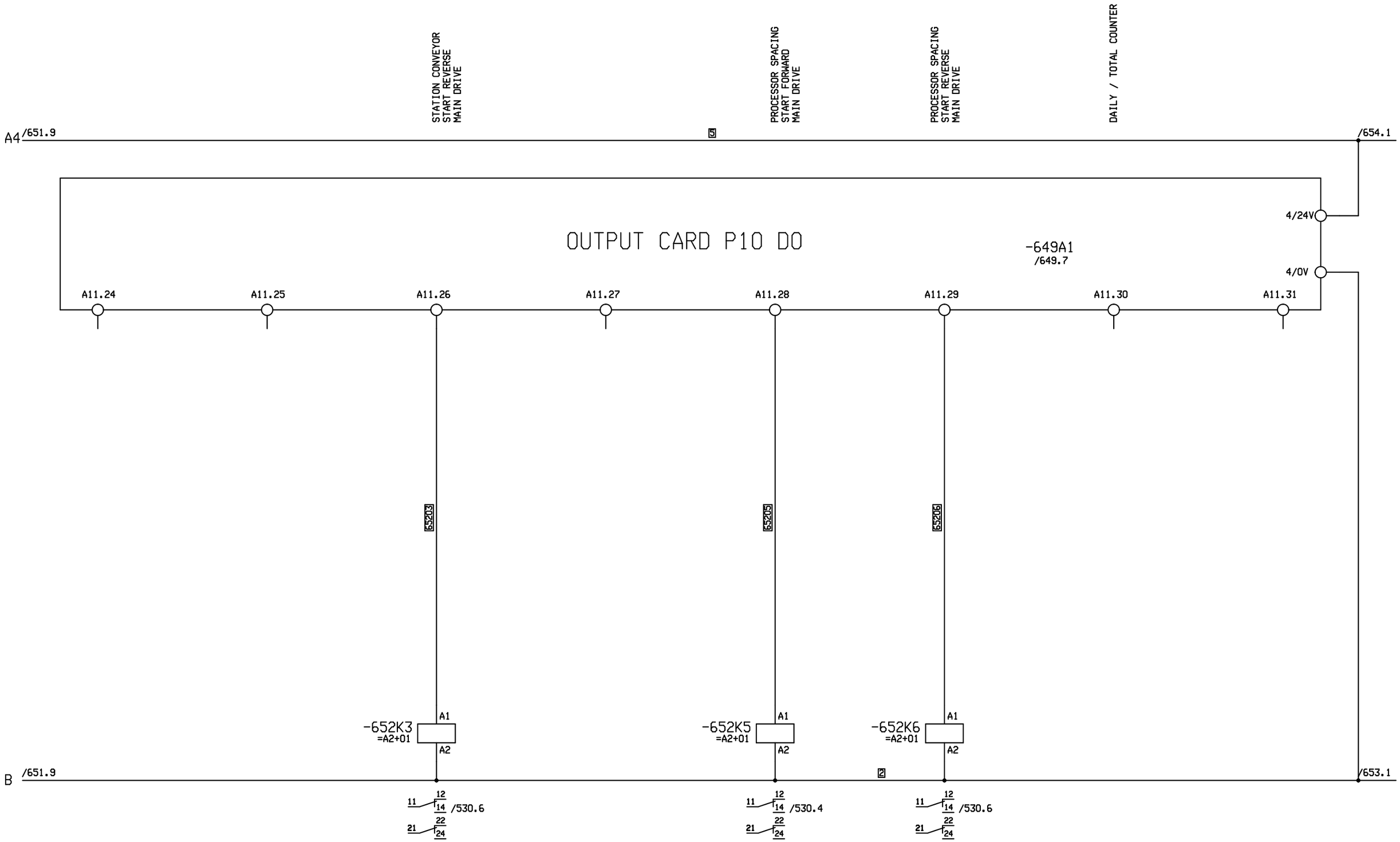

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Date	13.10.16
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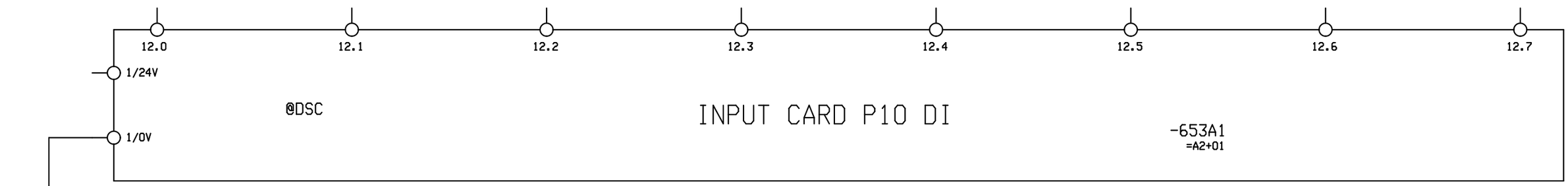
1	2	3	4	5	6	7	8	9
CARRIER GUIDE RAIL INCOMING SIDE DOWNHILL CONTINUOUS MODE (LOWER)	CARRIER GUIDE RAIL INCOMING SIDE DOWNHILL DRIVE THROUGH MODE (UP)	CARRIER GUIDE RAIL OUTGOING SIDE UPHILL CONTINUOUS MODE (LOWER)	CARRIER GUIDE RAIL OUTGOING SIDE UPHILL DRIVE THROUGH MODE (UP)	CARRIER GUIDE RAIL DOWNHILL THROUGH MODE INCOMING SIDE LIFT -> DRIVE THROUGH MODE	CARRIER GUIDE RAIL DOWNHILL THROUGH MODE INCOMING SIDE LOWER -> CONTINUOUS MODE	CARRIER GUIDE RAIL UPHILL THROUGH MODE OUTGOING SIDE LIFT -> DRIVE THROUGH MODE	CARRIER GUIDE RAIL UPHILL THROUGH MODE OUTGOING SIDE LOWER -> CONTINUOUS MODE	

A4 /652.9 — 59501 — /654.1



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Revision	2.0	Drawn by	SST
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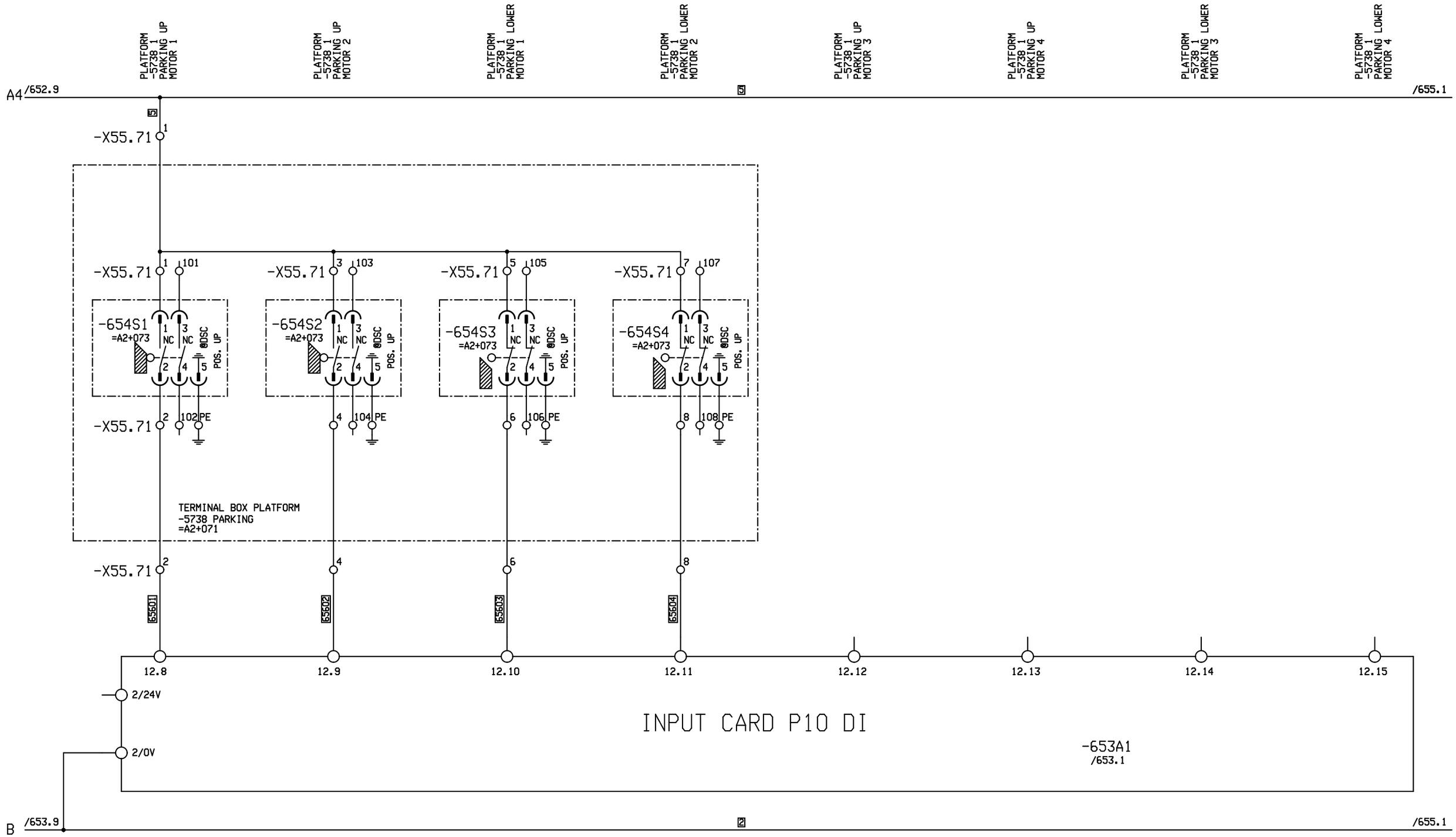

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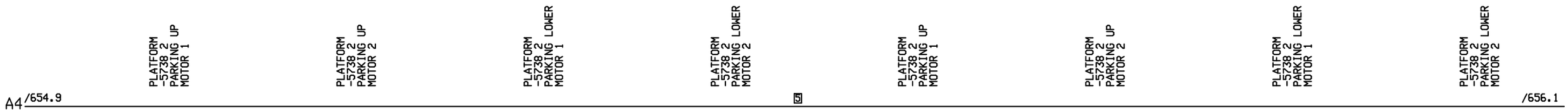

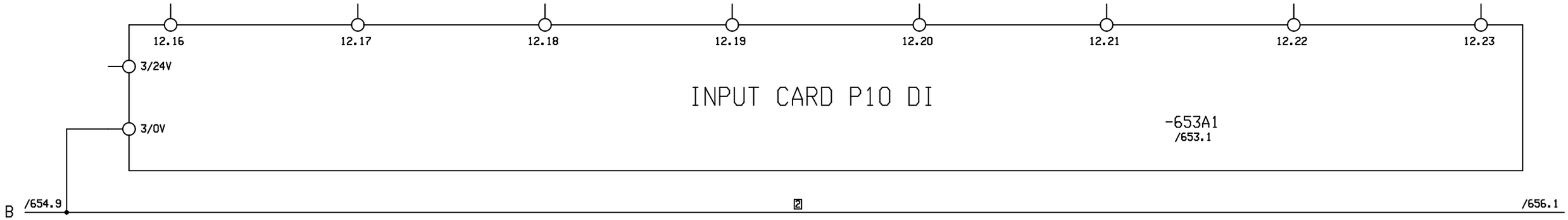

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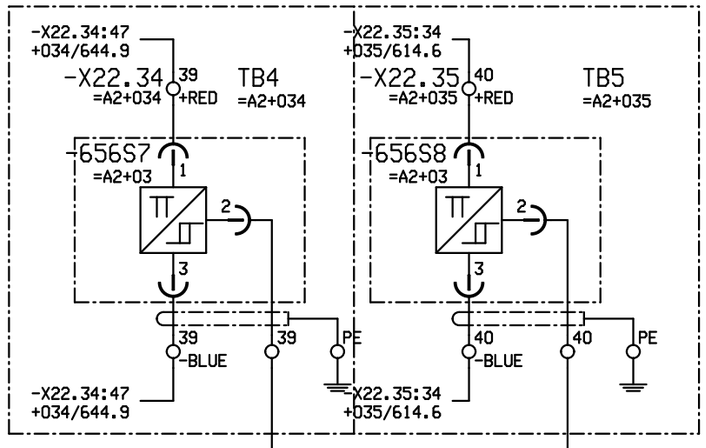
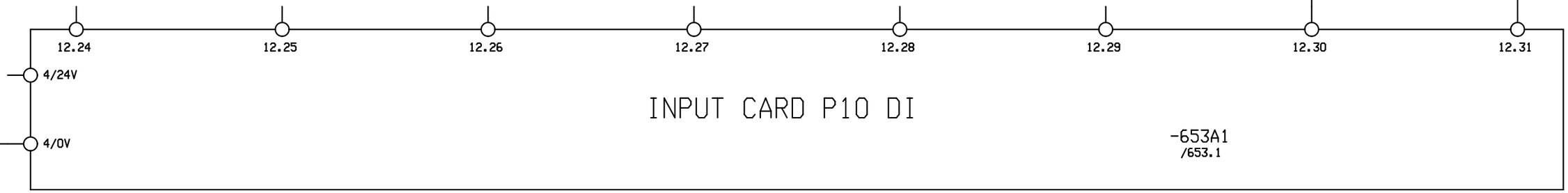
1	2	3	4	5	6	7	8	9
PLATFORM 1 THROUGH MODE OUTGOING SIDE (UPHILL) END POSITION UP MOTOR 1	PLATFORM 1 THROUGH MODE OUTGOING SIDE (UPHILL) END POSITION UP MOTOR 2	PLATFORM 1 THROUGH MODE OUTGOING SIDE (UPHILL) END POSITION LOWER MOTOR 1	PLATFORM 1 THROUGH MODE OUTGOING SIDE (UPHILL) END POSITION LOWER MOTOR 2	PLATFORM 2 THROUGH MODE OUTGOING SIDE (DOWNHILL) END POSITION UP MOTOR 1	PLATFORM 2 THROUGH MODE OUTGOING SIDE (DOWNHILL) END POSITION UP MOTOR 2	BEGIN REGULATING DISTANCE PROX. A	END REGULATING DISTANCE PROX. B	

A4 /655.9 — 5 — /657.1





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Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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Date	24.05.16
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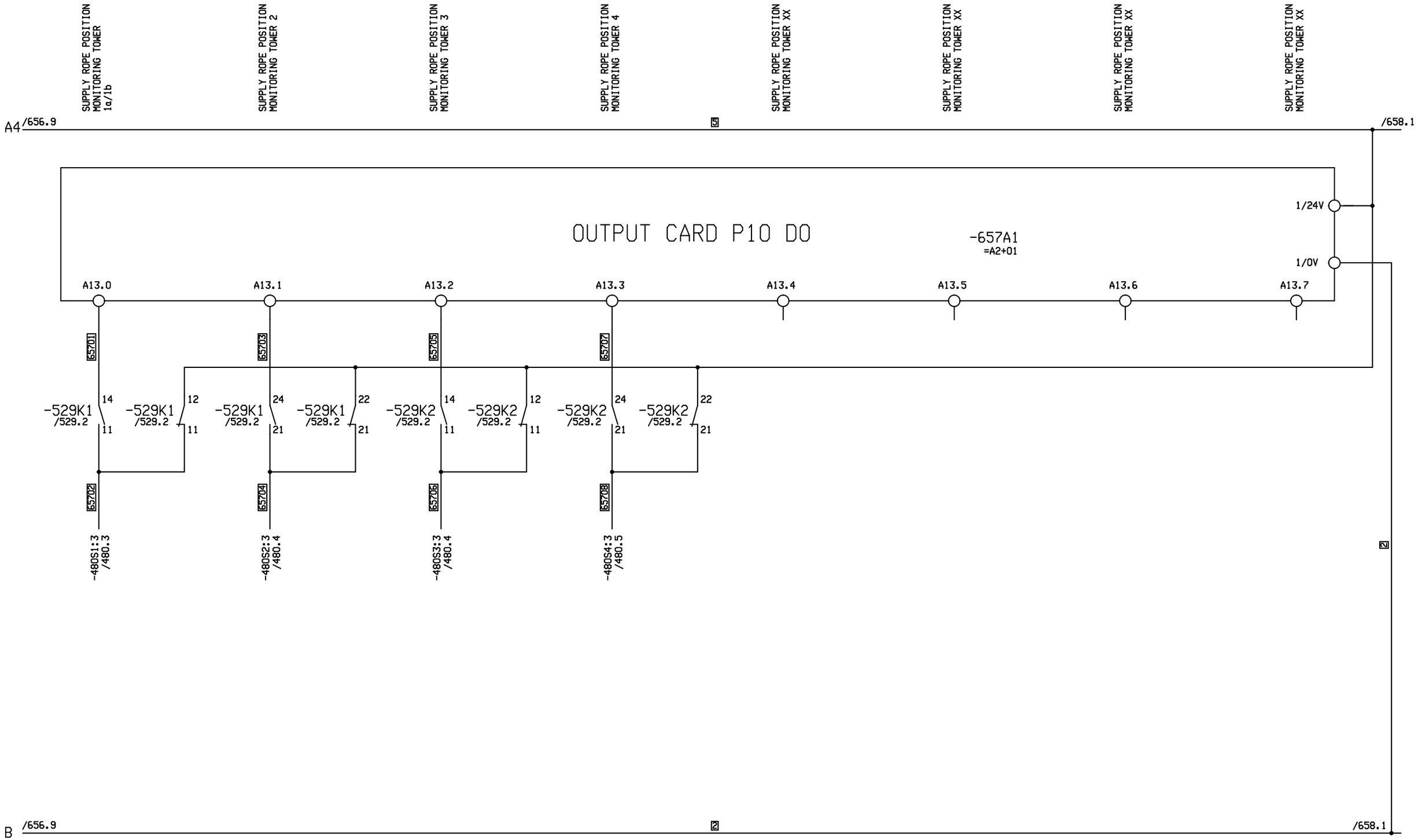

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Date	13.10.16	Dr.ch.by	Fma	WAA0004186	Innova Patent GmbH		Date 07.04.16
File:	GEWAA4186			DANANG / VIETNAM	A-6960 WOLFURT / AUSTRIA	RETURN STATION / LV-CONTROL	Sheet : 657
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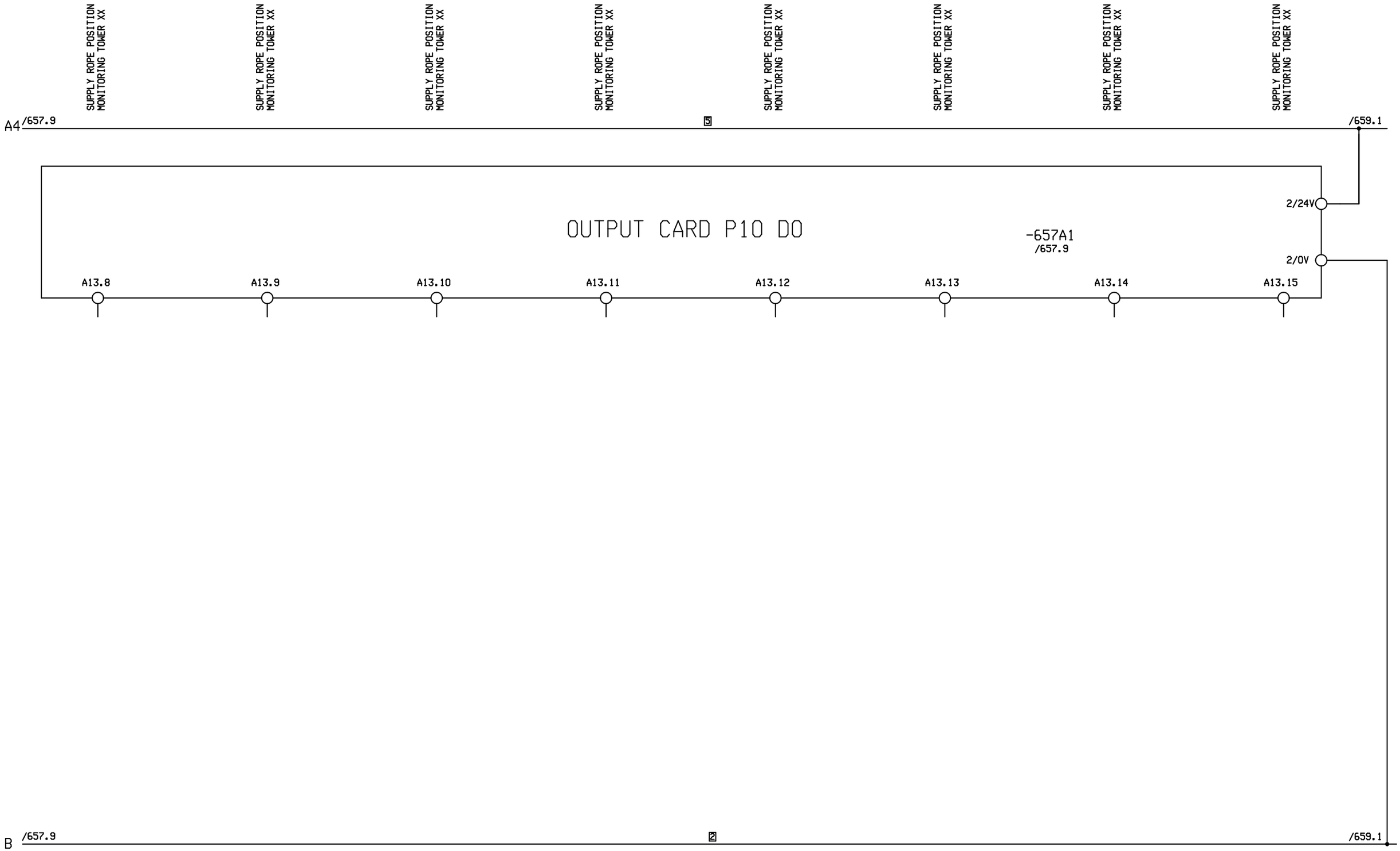

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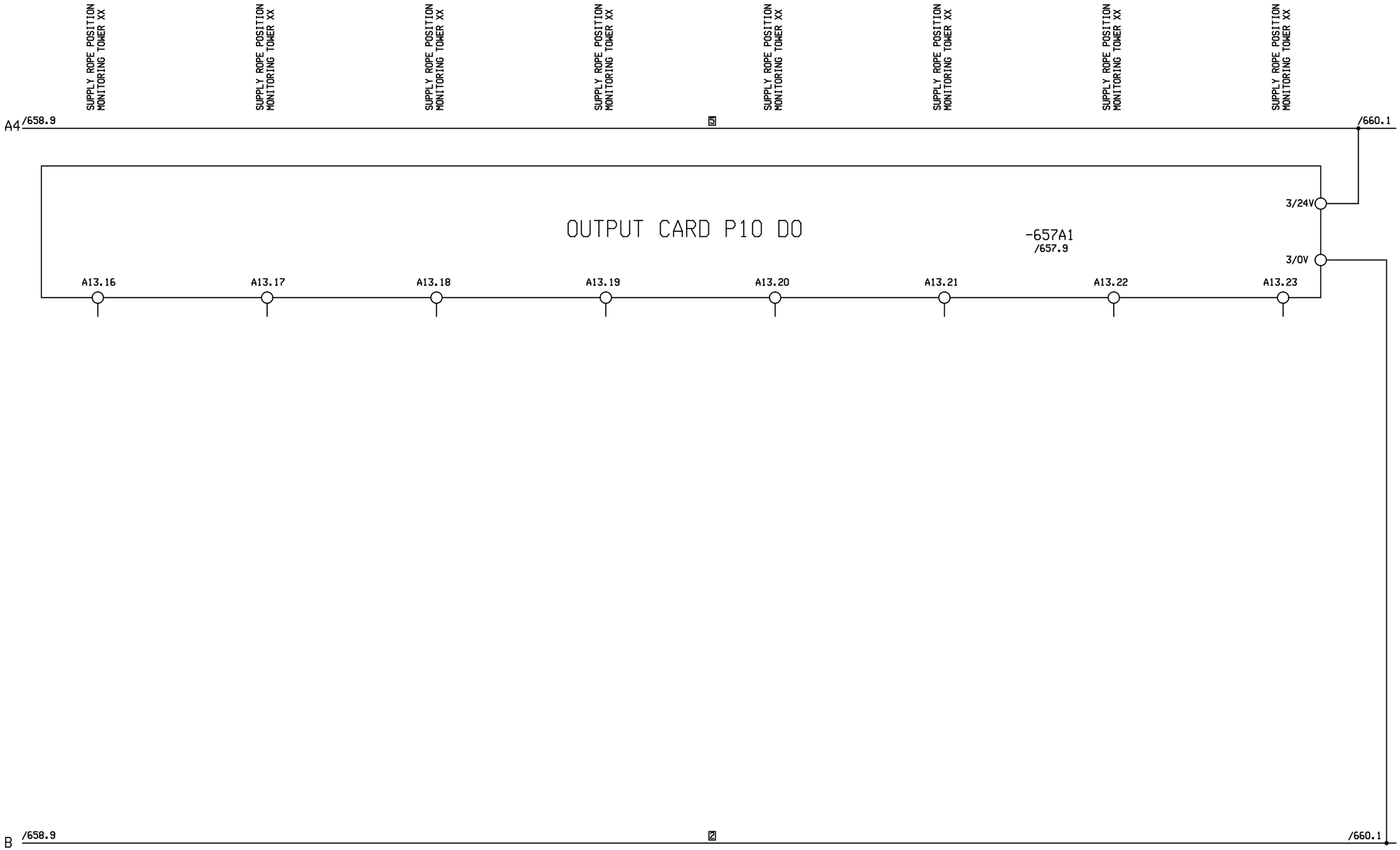

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Date	07.04.16
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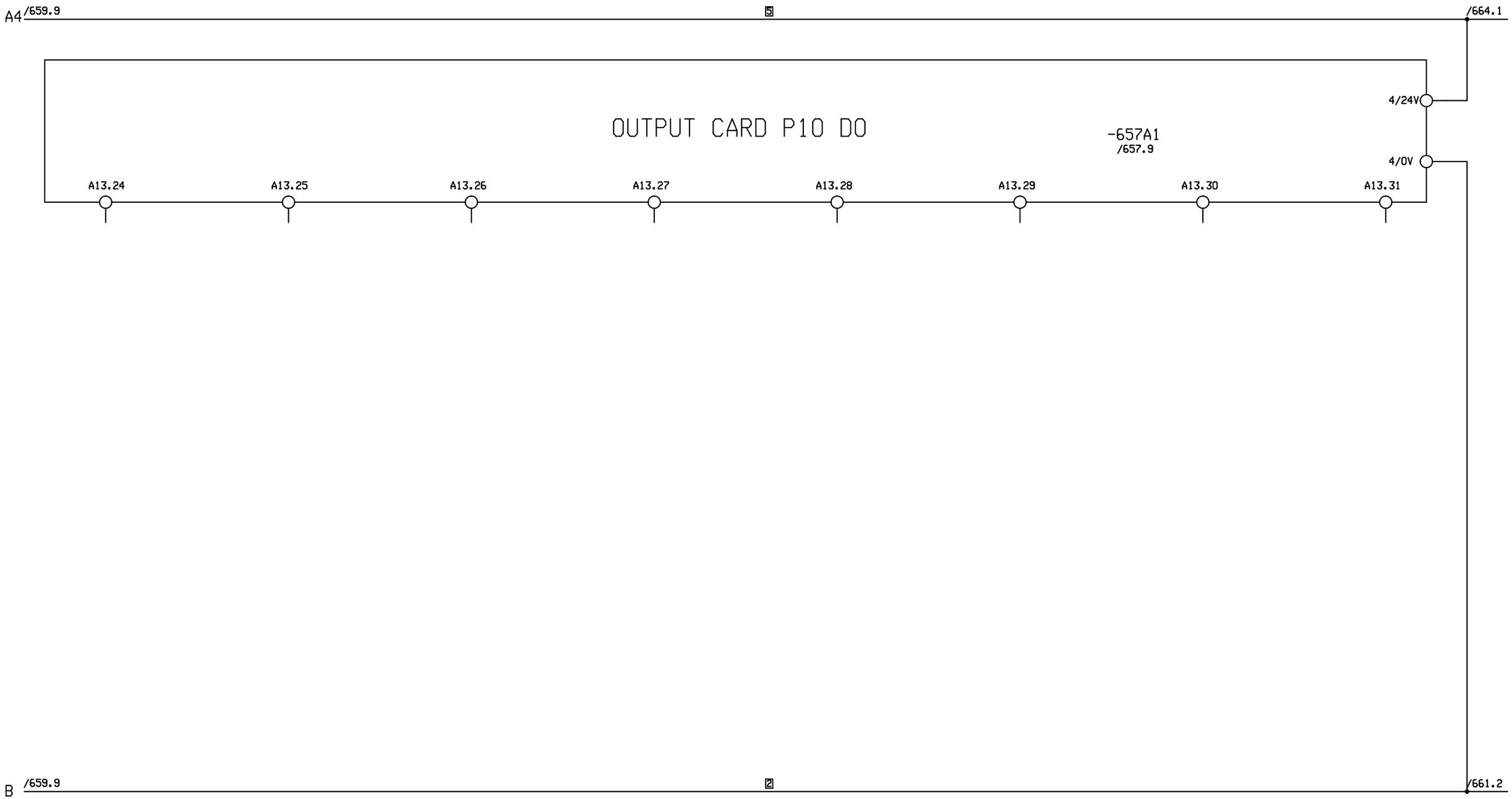

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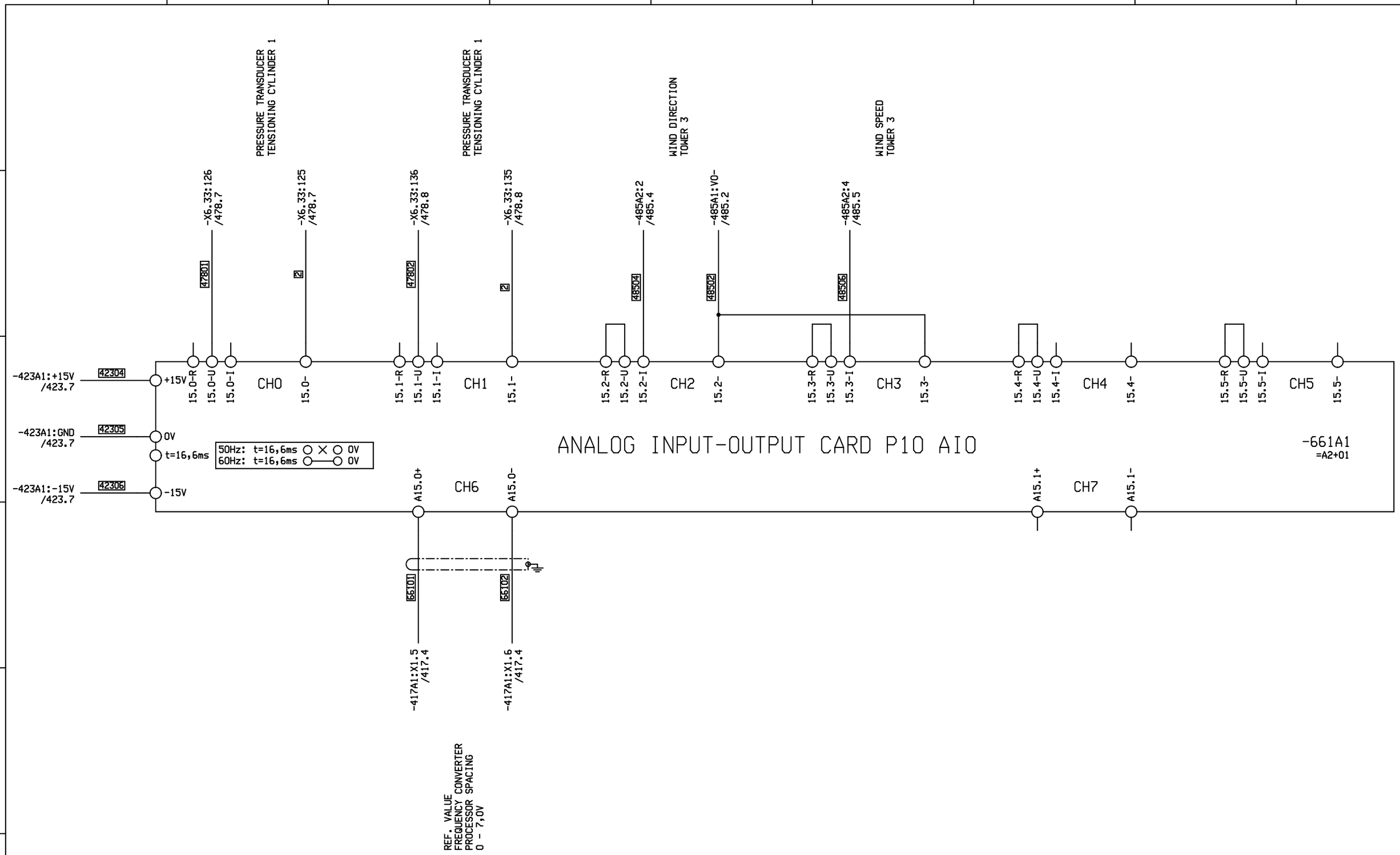

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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ANALOG INPUT/OUTPUT

RETURN STATION | LV-CONTROL

=A2+01

Date	26.07.16
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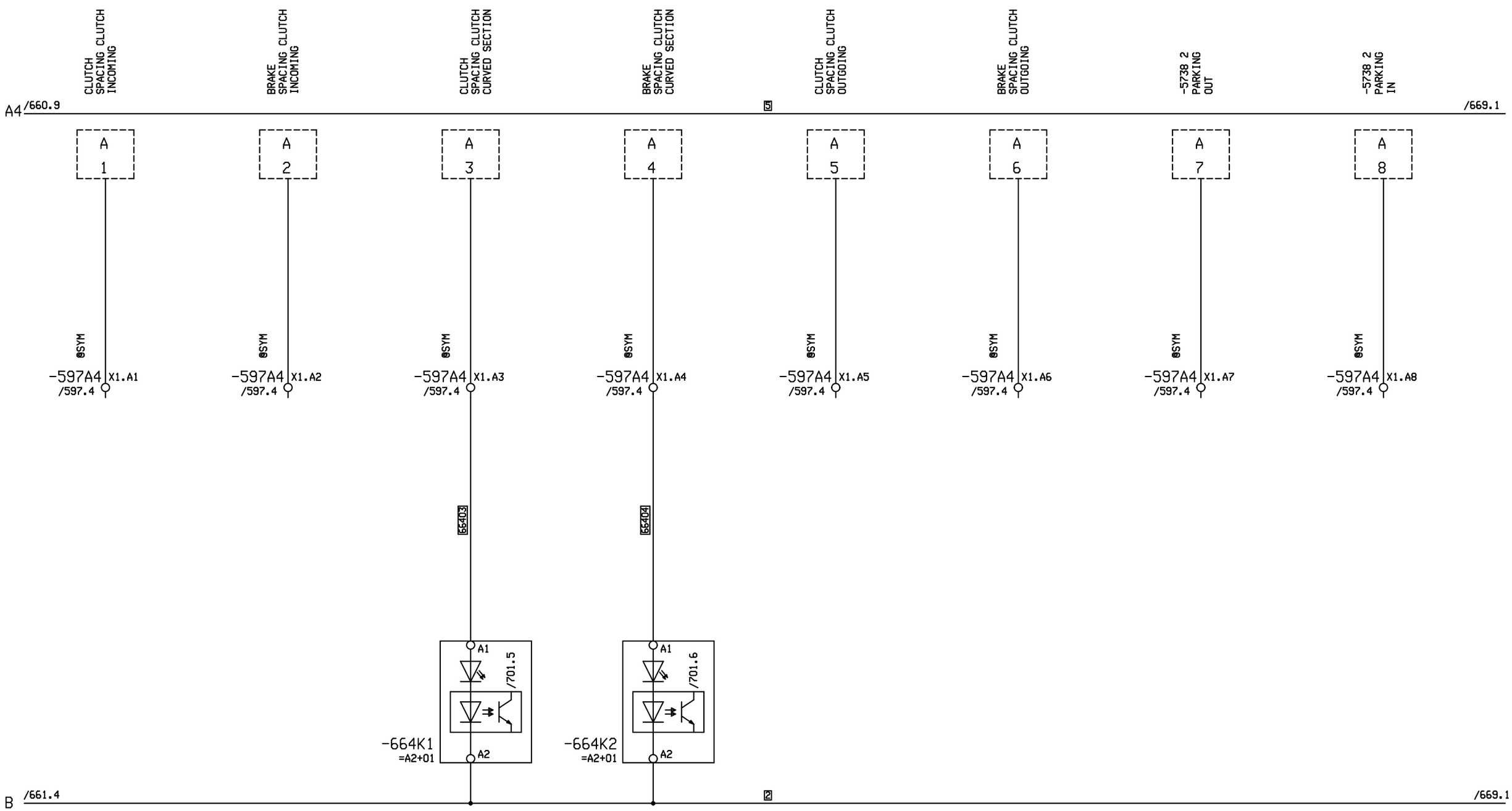

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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OUTPUT PLC BECKHOFF - CLUTCHES / -5738 2

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
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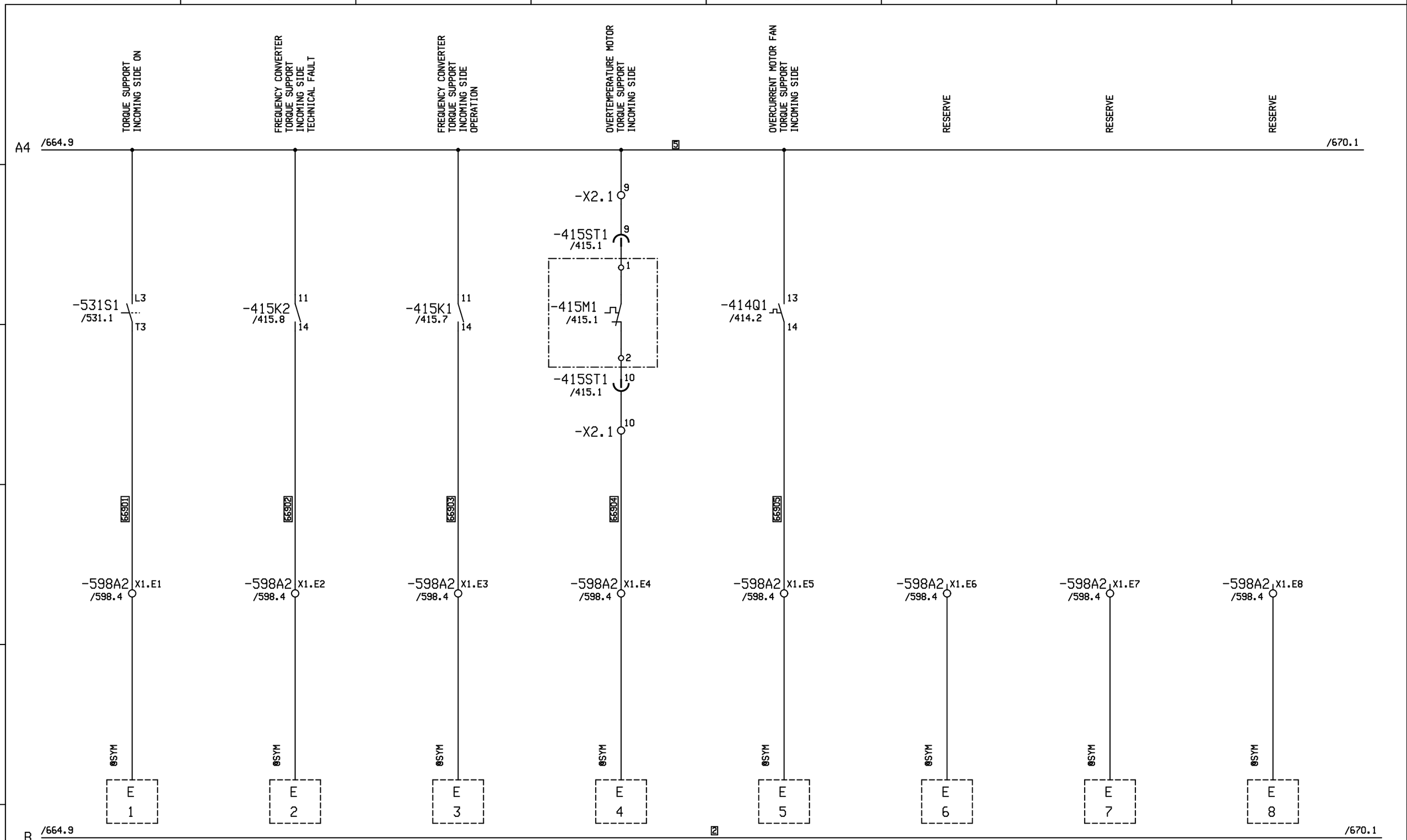

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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INPUT PLC BECKHOFF - TORQUE SUPPORT INCOMING

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
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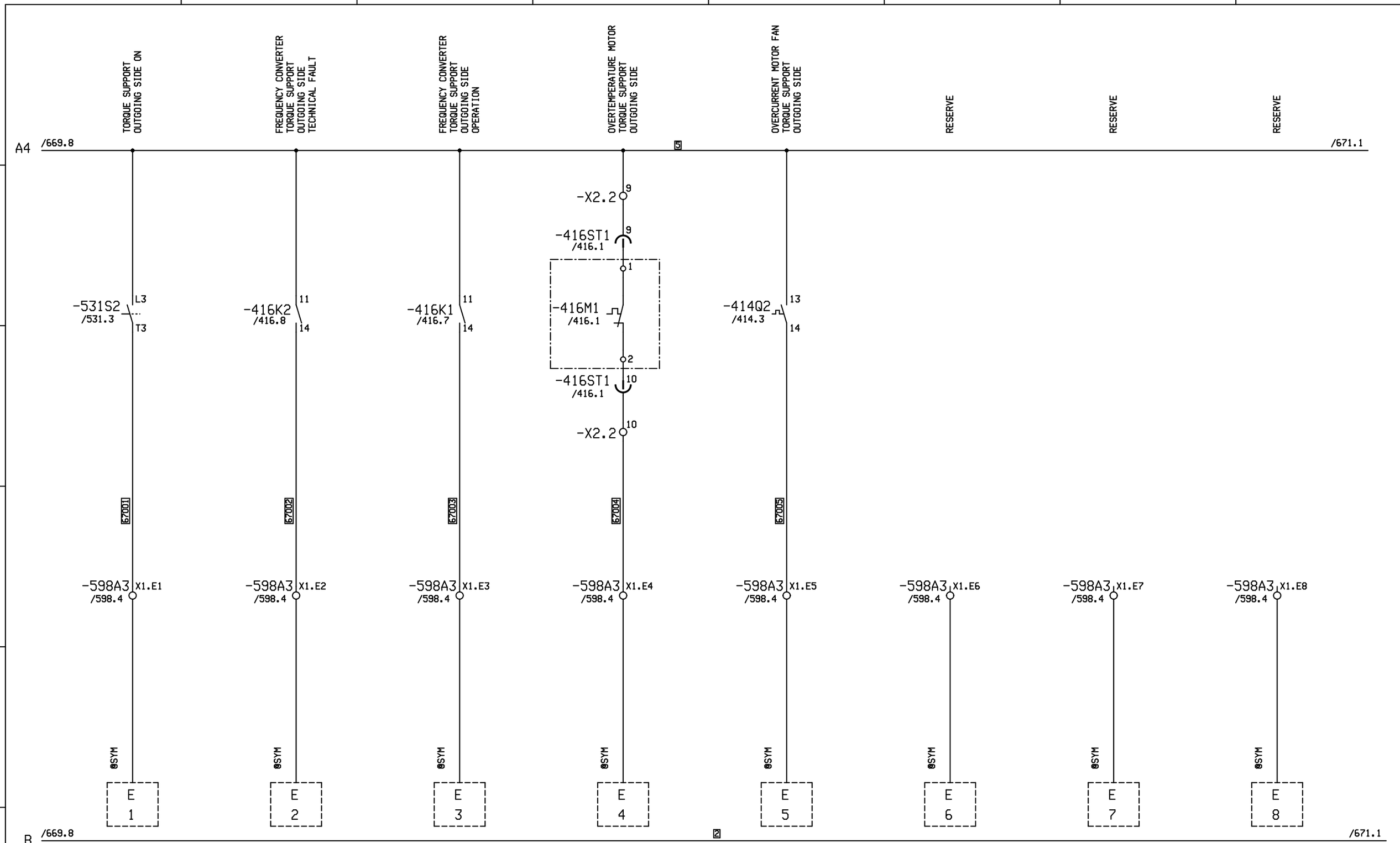

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma

File: GEWAA4186

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INPUT PLC BECKHOFF - TORQUE SUPPORT OUTGOING

RETURN STATION | LV-CONTROL

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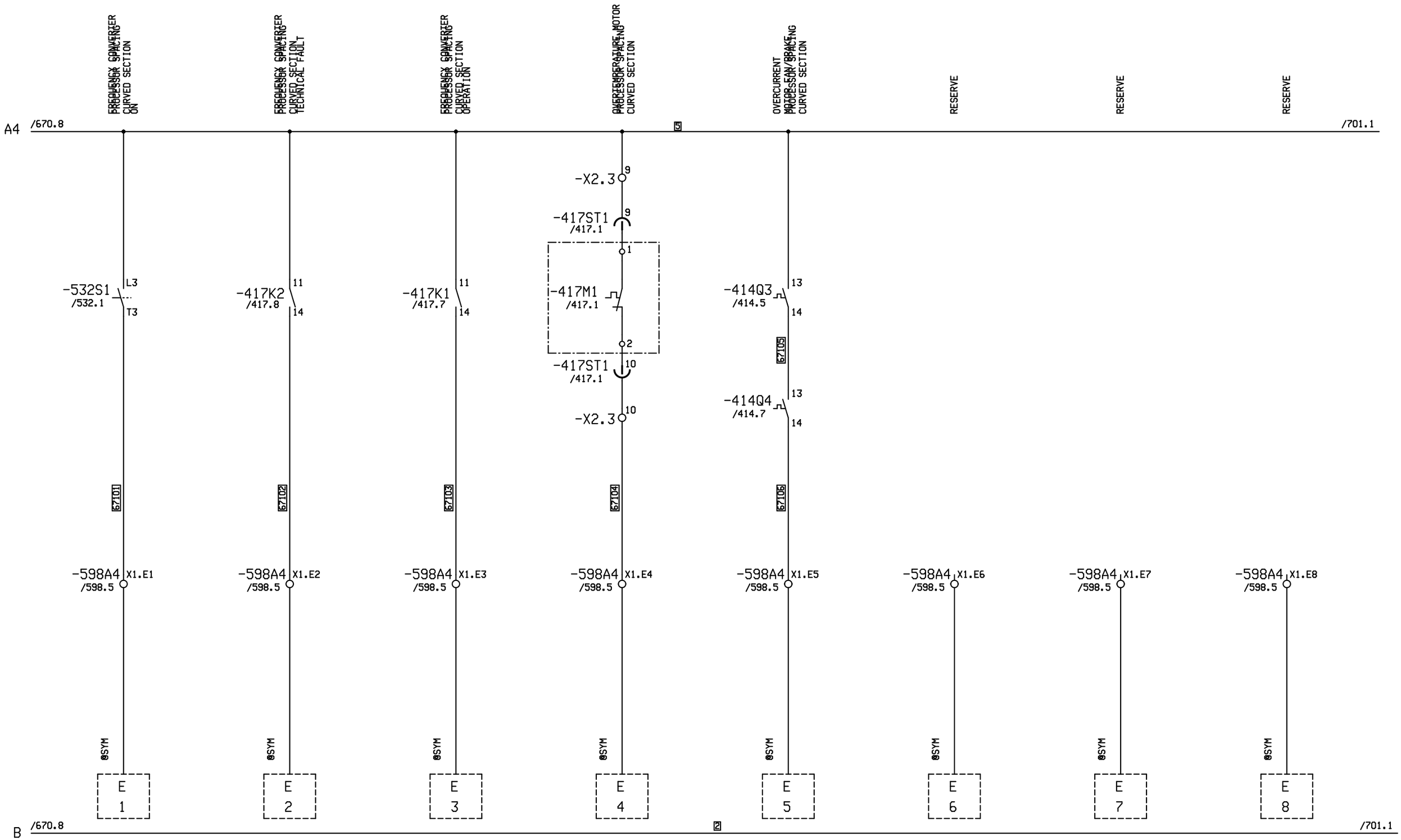

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File:	GEWAA4186		

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INPUT PLC BECKHOFF - PROCESSOR SPACING CURVED SECTION

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
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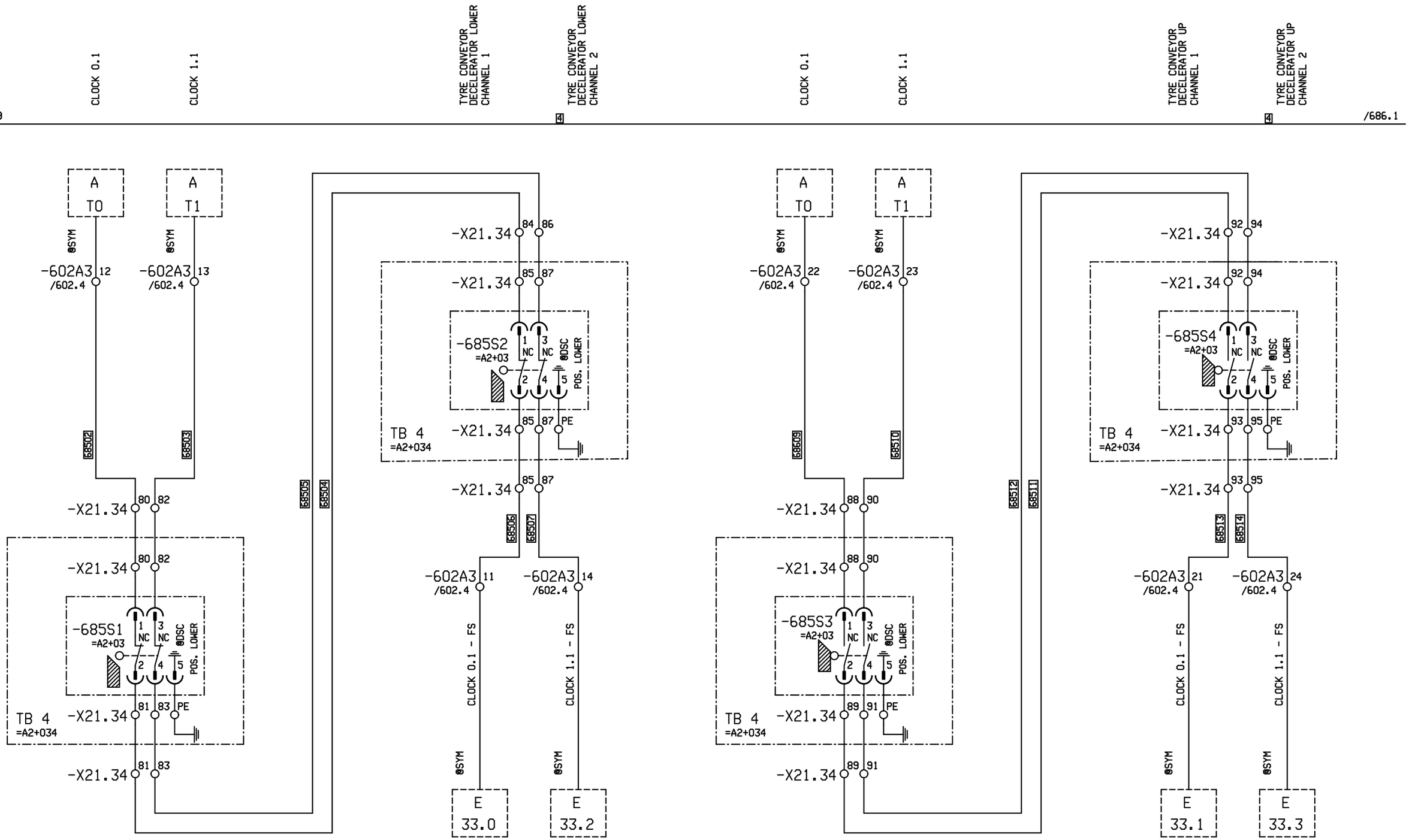

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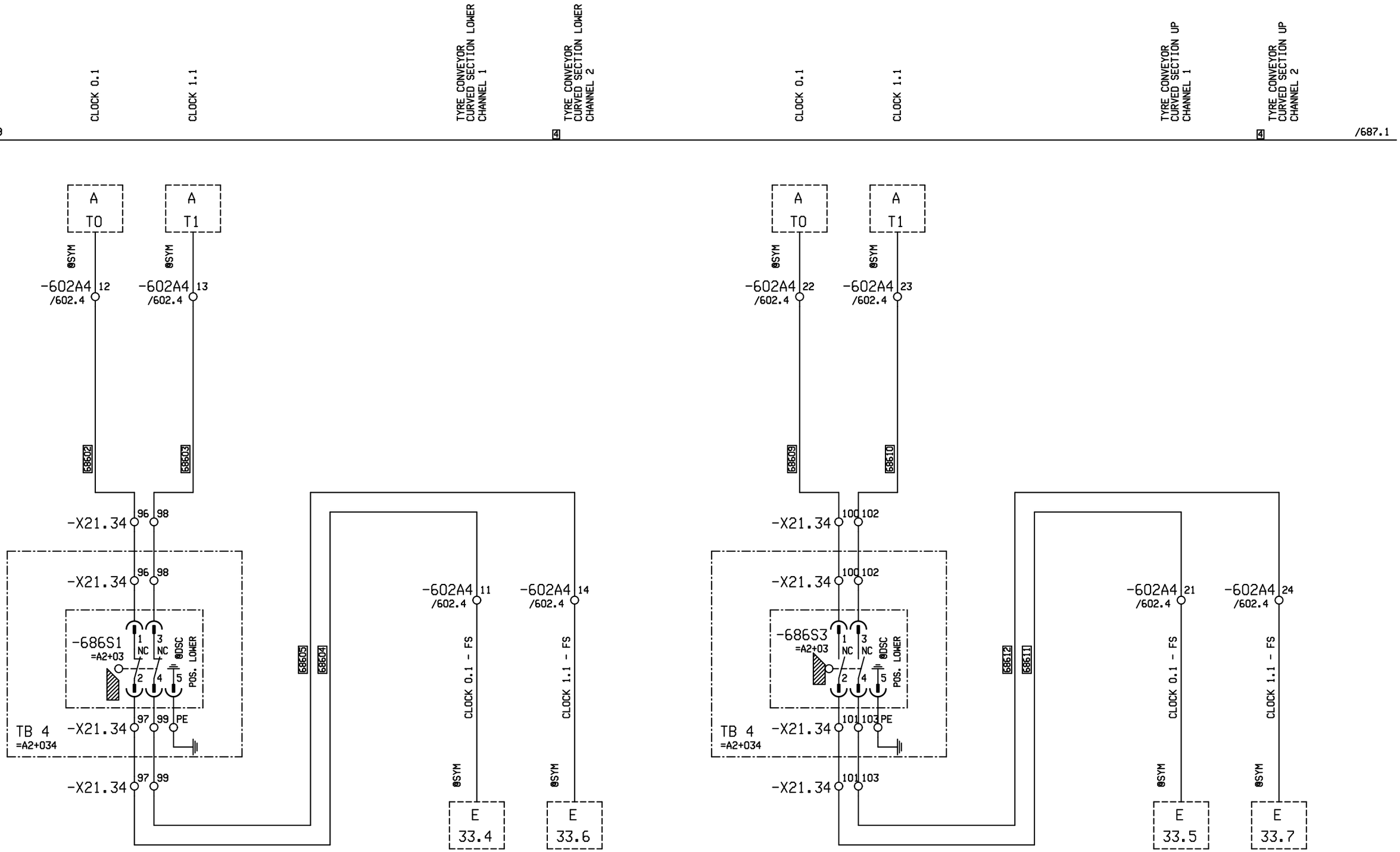
SAFETYBUS EXTENSION E33.0 - E33.3 - TYRE CONVEYOR

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
Sheet :	685
Cont.sheet:	686



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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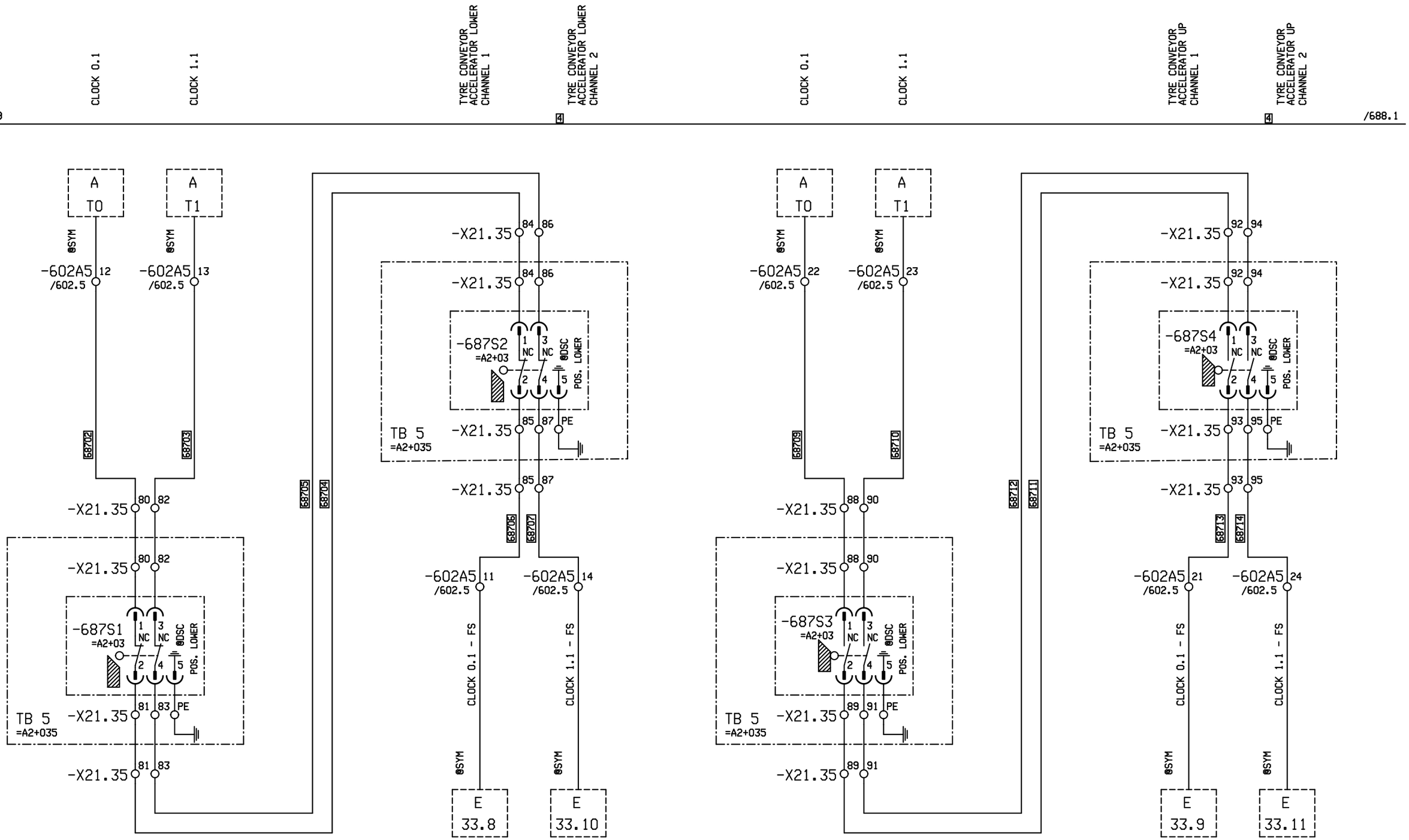
SAFETYBUS EXTENSION E33.4 - E33.7 - TYRE CONVEYOR

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
Sheet :	686
Cont.sheet:	687



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Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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SAFETYBUS EXTENSION E33.8 - E33.11 - TYRE CONVEYOR

RETURN STATION | LV-CONTROL

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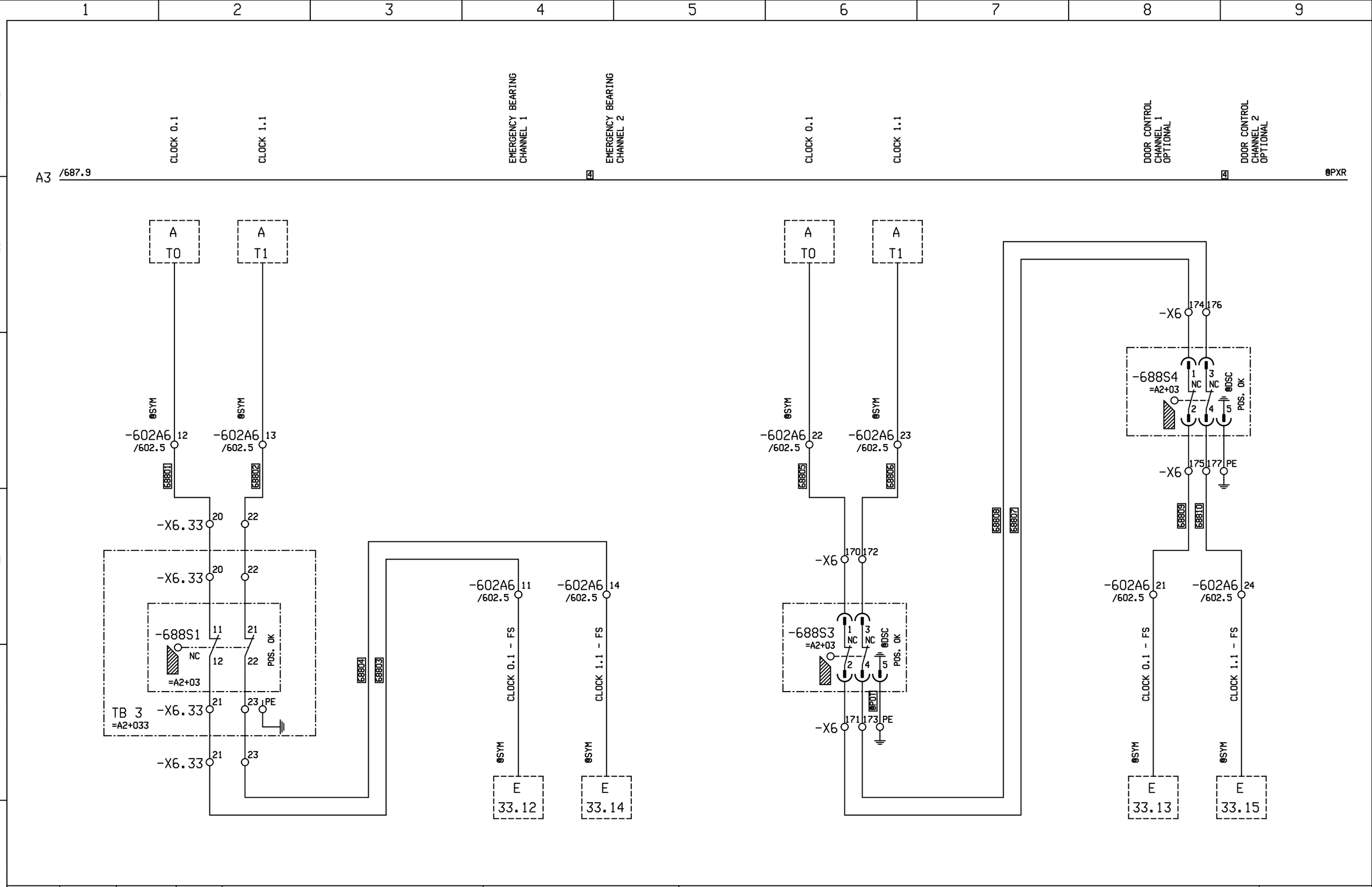
Date	13.10.16
Sheet :	687
Cont.sheet:	688



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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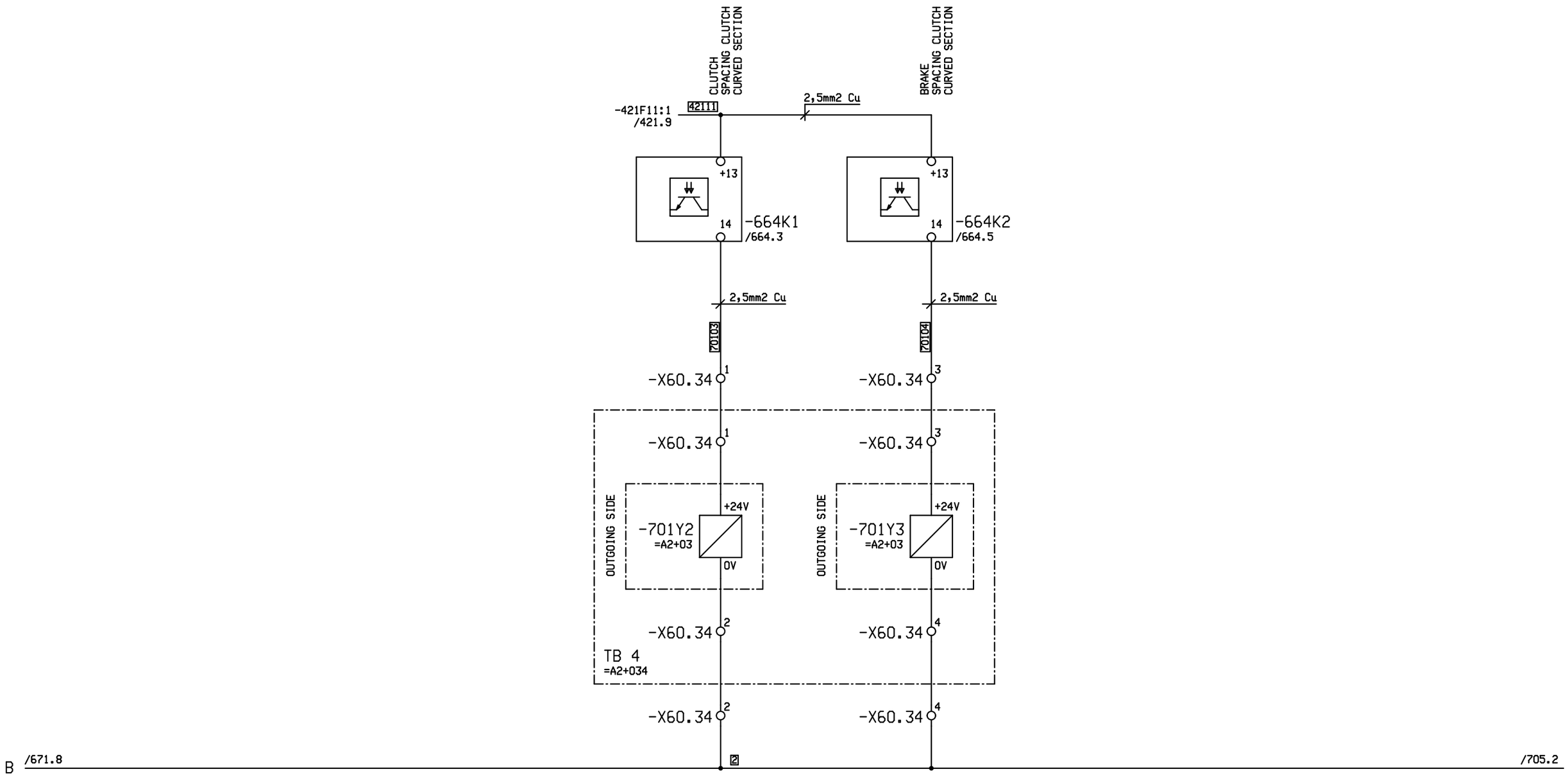
SAFETYBUS EXTENSION E33.8 - E33.11 - EMERGENCY BEARING

RETURN STATION | LV-CONTROL

=A2+01

Date	07.04.16
Sheet :	688
Cont.sheet:	701



ATTENTION

THE MAIN SUPPLY WIRES OF THE SPACING CLUTCHES
Must be wired with 2.5 mm2 copper.

Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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MAGNETIC CLUTCH

RETURN STATION | LV-CONTROL

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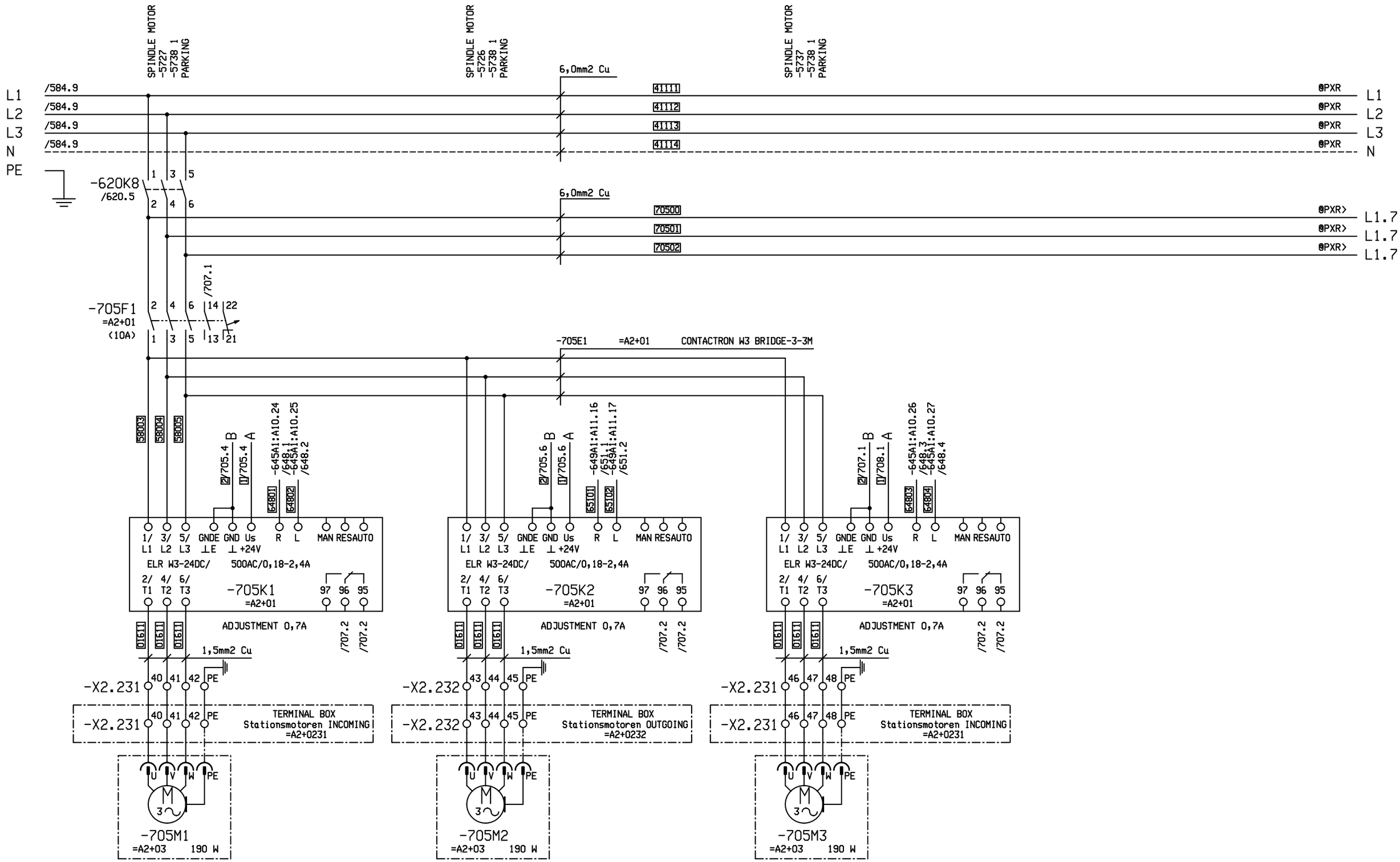
Date	10.02.17
Sheet :	701
Cont.sheet:	705



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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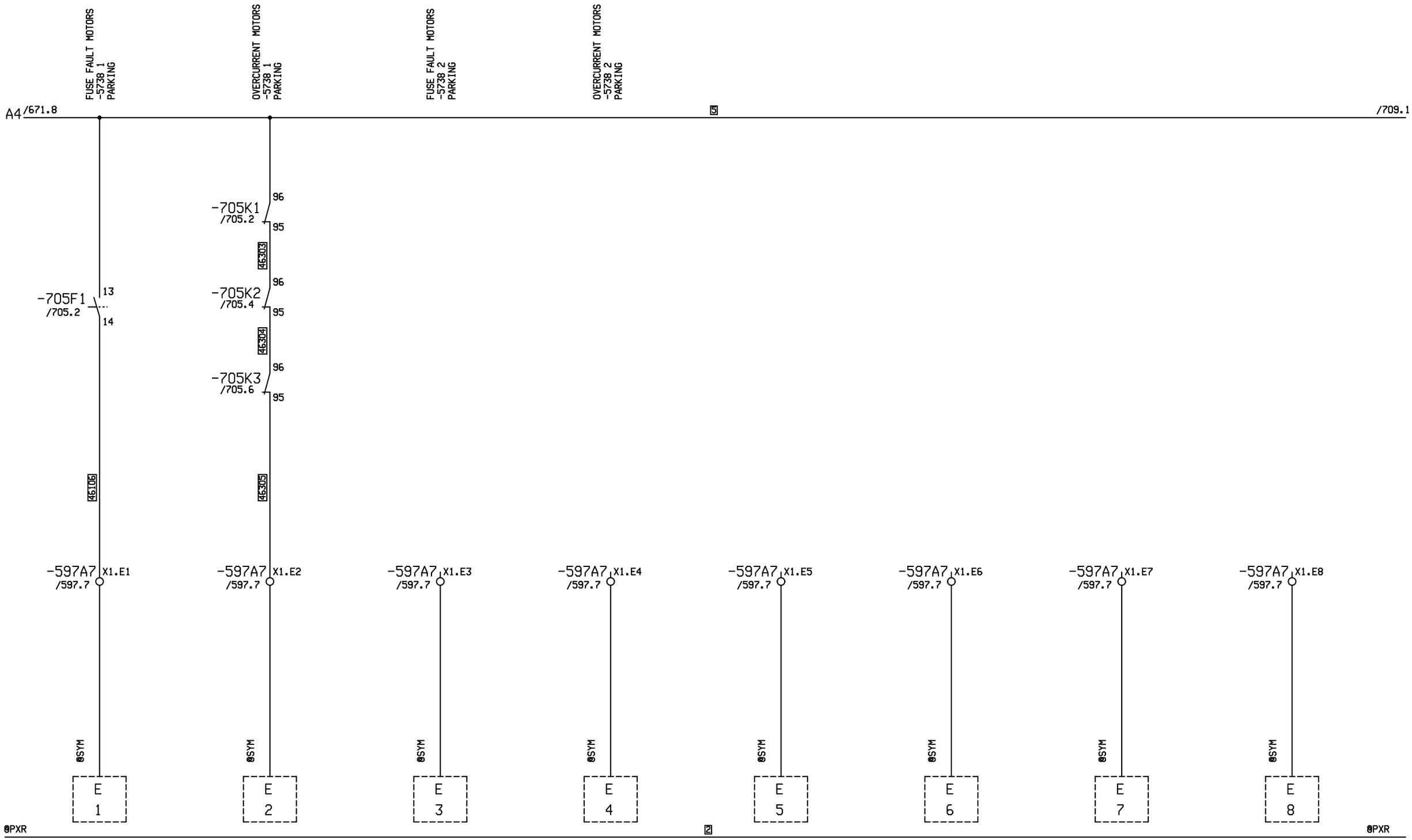
MOTORS - -5738 1 - PARKING

RETURN STATION | LV-CONTROL

=A2+01

Date	04.05.17
Sheet :	705
Cont.sheet:	707



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma

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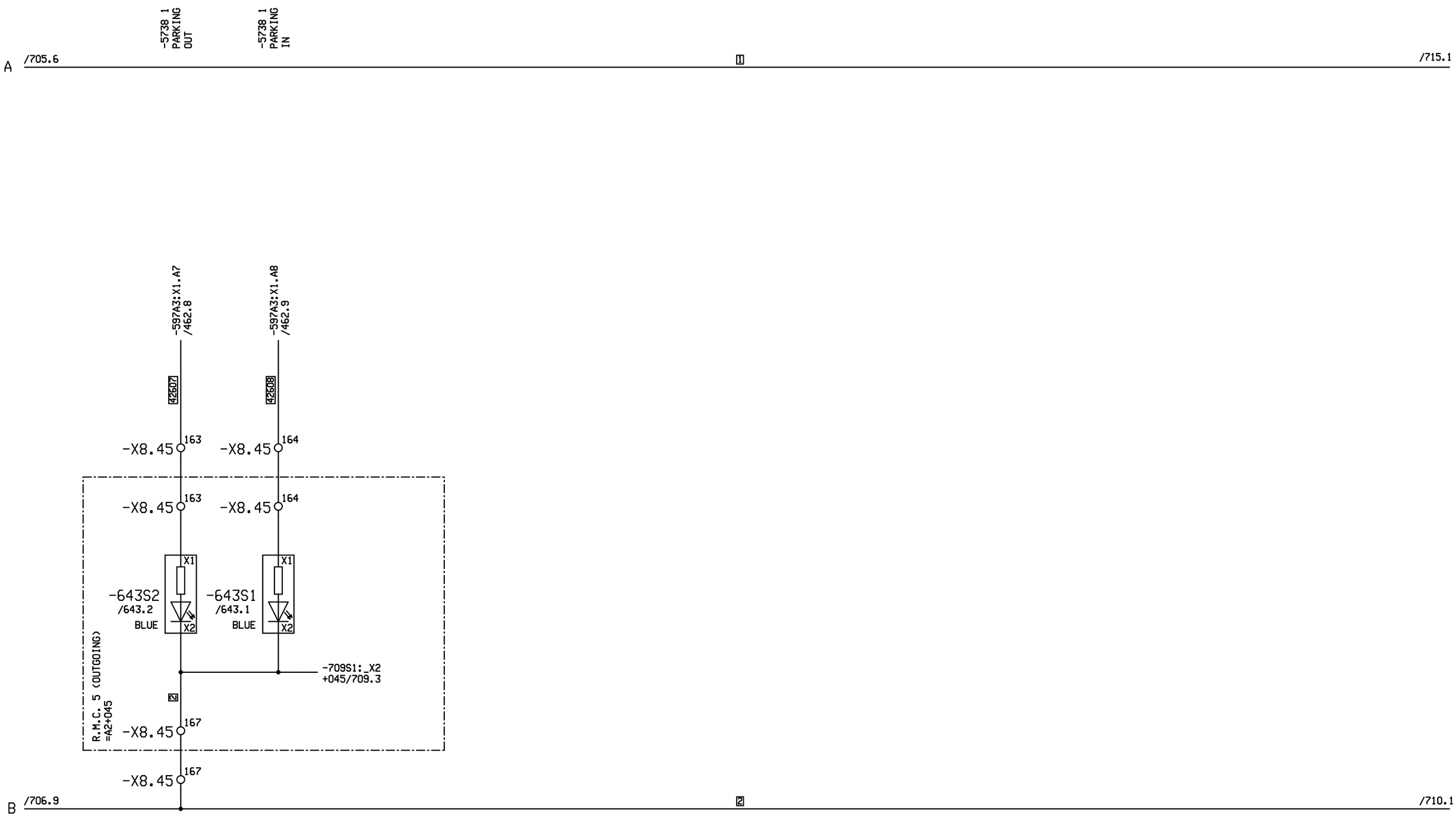
INPUT PLC BECKHOFF - OVERCURRENT - -5738 1 - PARKING

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
Sheet :	707
Cont.sheet:	708



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma

File: GEWAA4186

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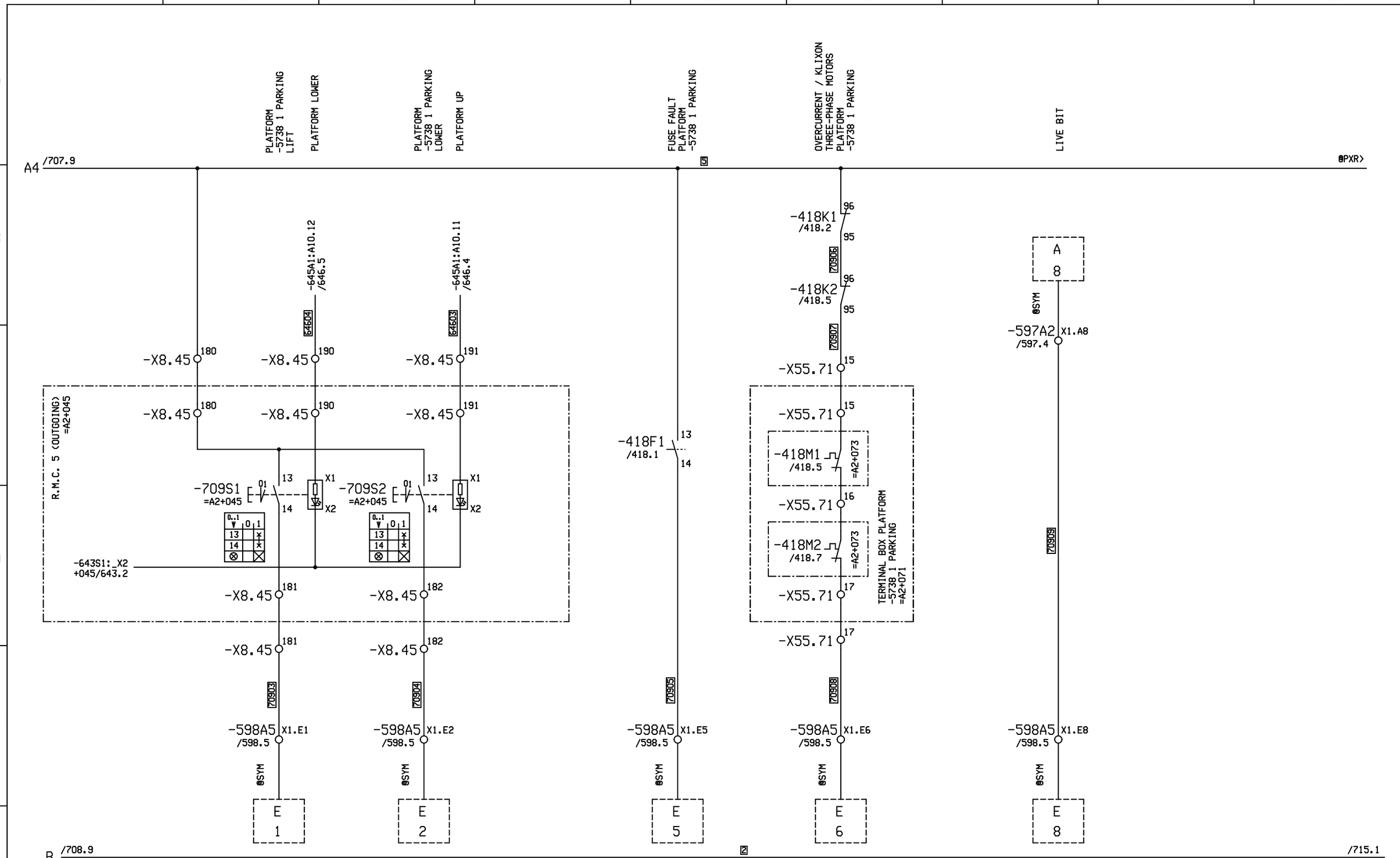
CONTROL LIGHTS -4792

RETURN STATION | LV-CONTROL

=A2+01

Date	11.04.16
Sheet :	708
Cont.sheet:	709



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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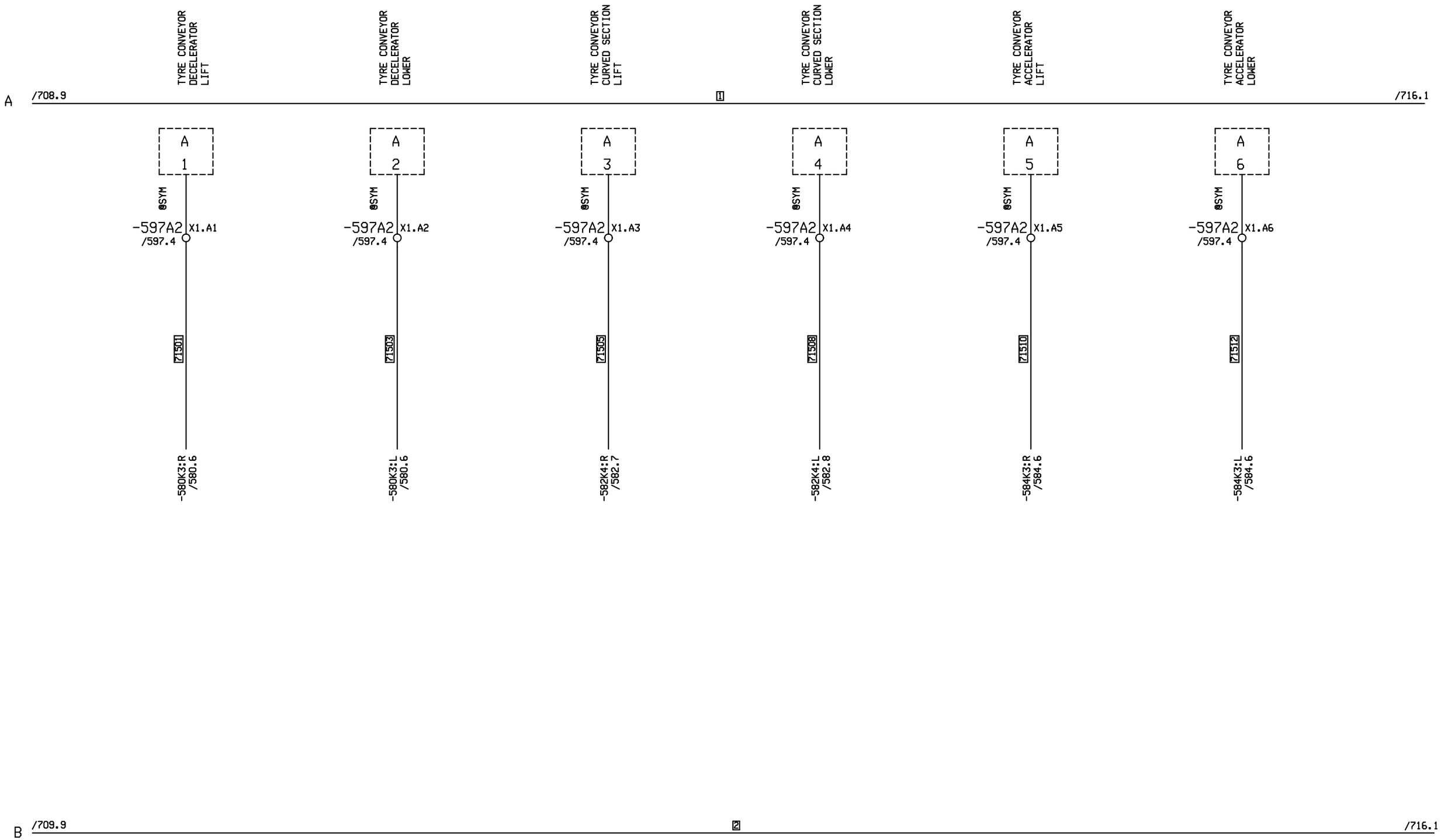
CONTROL LIGHTS/OVERCURRENT/OPERATION-PLATFORM -5738 1

RETURN STATION | LV-CONTROL

=A2+01

Date	04.05.17
Sheet :	709
Cont.sheet:	715



Revision	2.0	Drawn by	SST
Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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TYRE CONVEYOR

RETURN STATION | LV-CONTROL

=A2+01

Date	16.12.16
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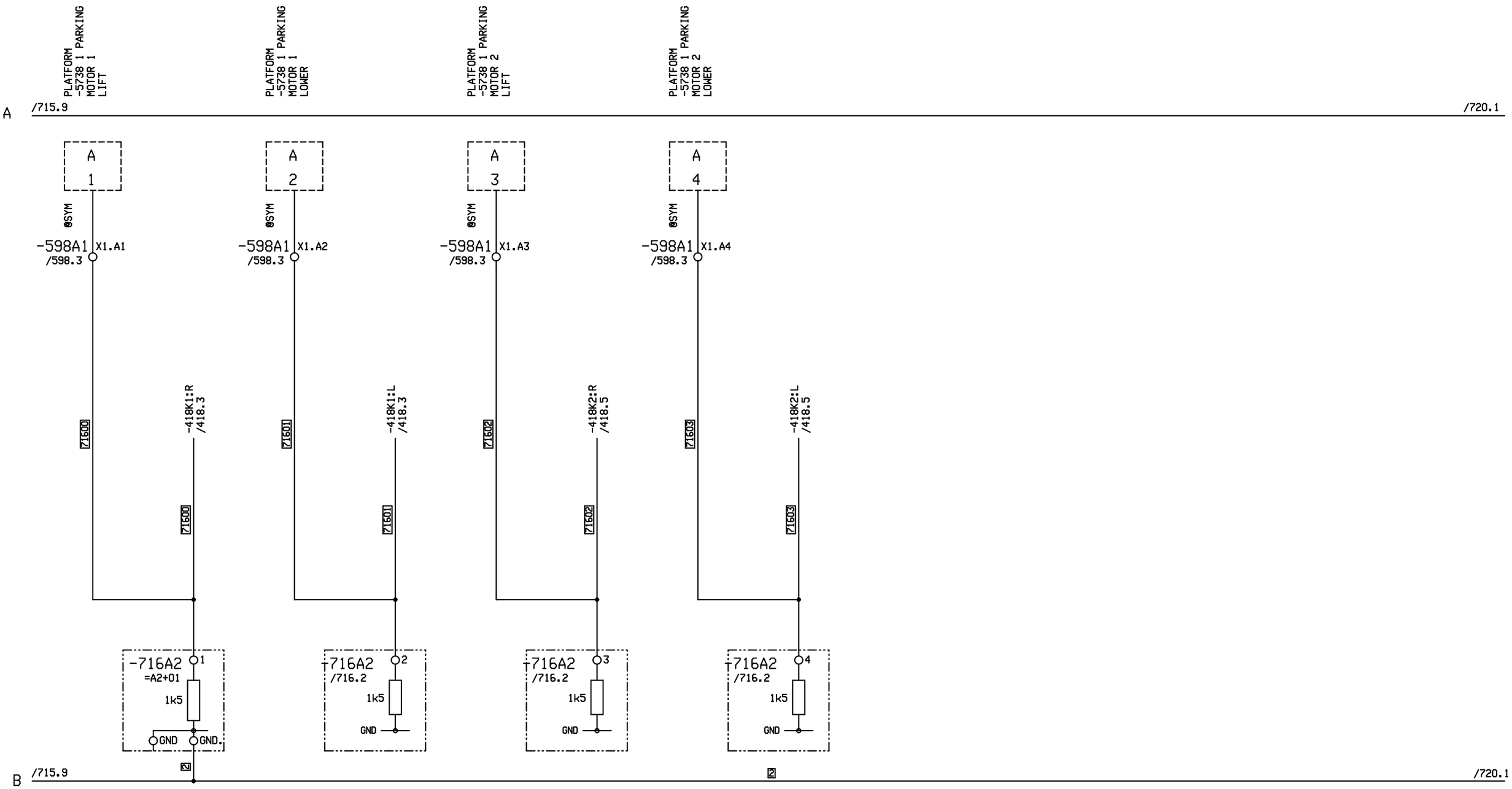
Cont.sheet:	716



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Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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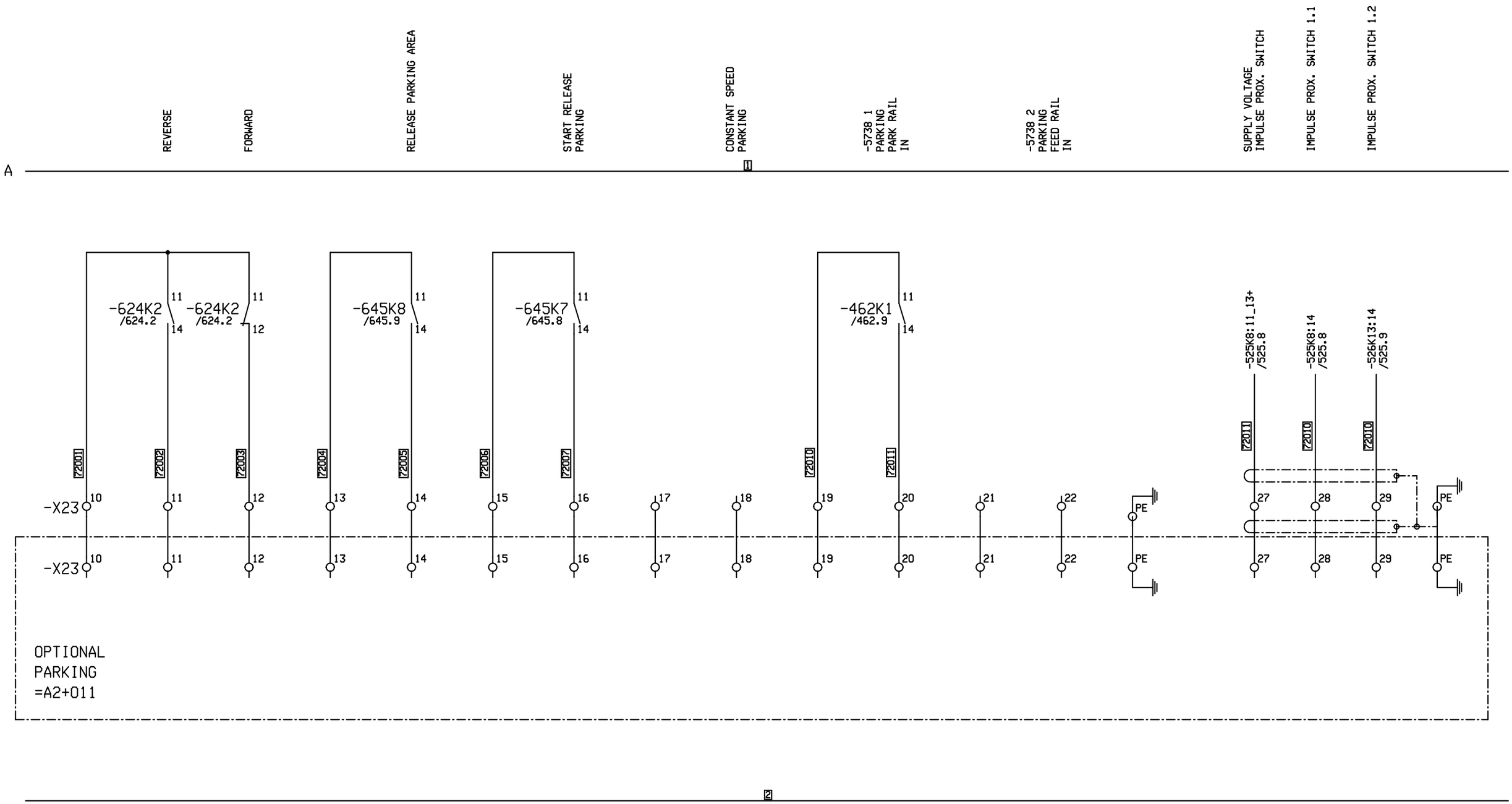
PLATFORM -5738 1 PARKING

RETURN STATION | LV-CONTROL

=A2+01

Date	16.12.16
Sheet :	716
Cont.sheet:	720



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Date	13.10.16	Dr.ch.by	Fma
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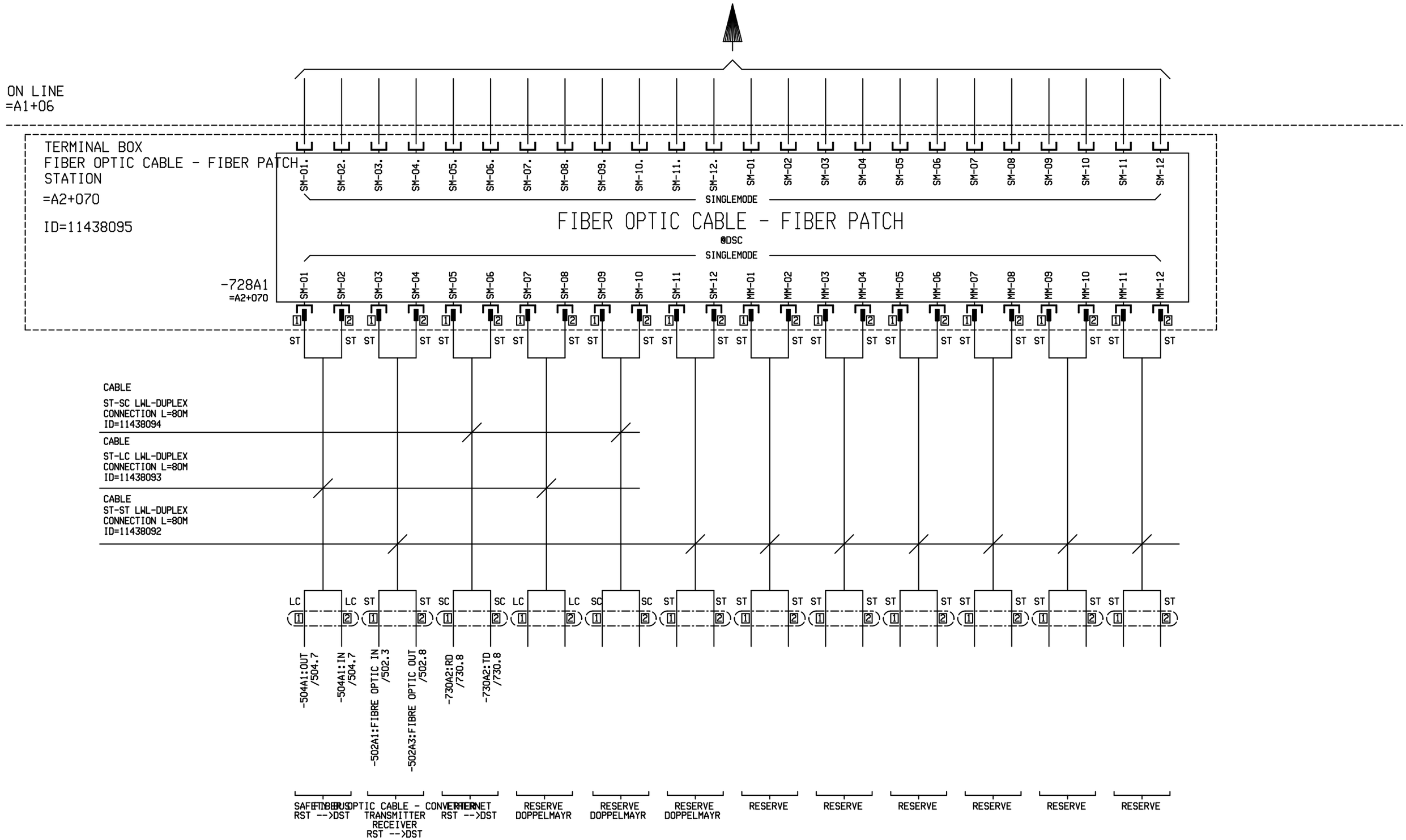
CONNECTIONS TO PARKING CONTROLS

RETURN STATION | LV-CONTROL

=A2+01

Date	04.05.17
Sheet :	720
Cont.sheet:	728

A-DQ(ZN)(BN)2Y 6x4E9/125 LWL SINGLEMODE WITH CONNECTOR
CONNECTIONS RETURN STATION - DRIVE STATION



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Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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FIBER OPTIC CABLE - FIBER PATCH

RETURN STATION | LV-CONTROL

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Date	16.12.16
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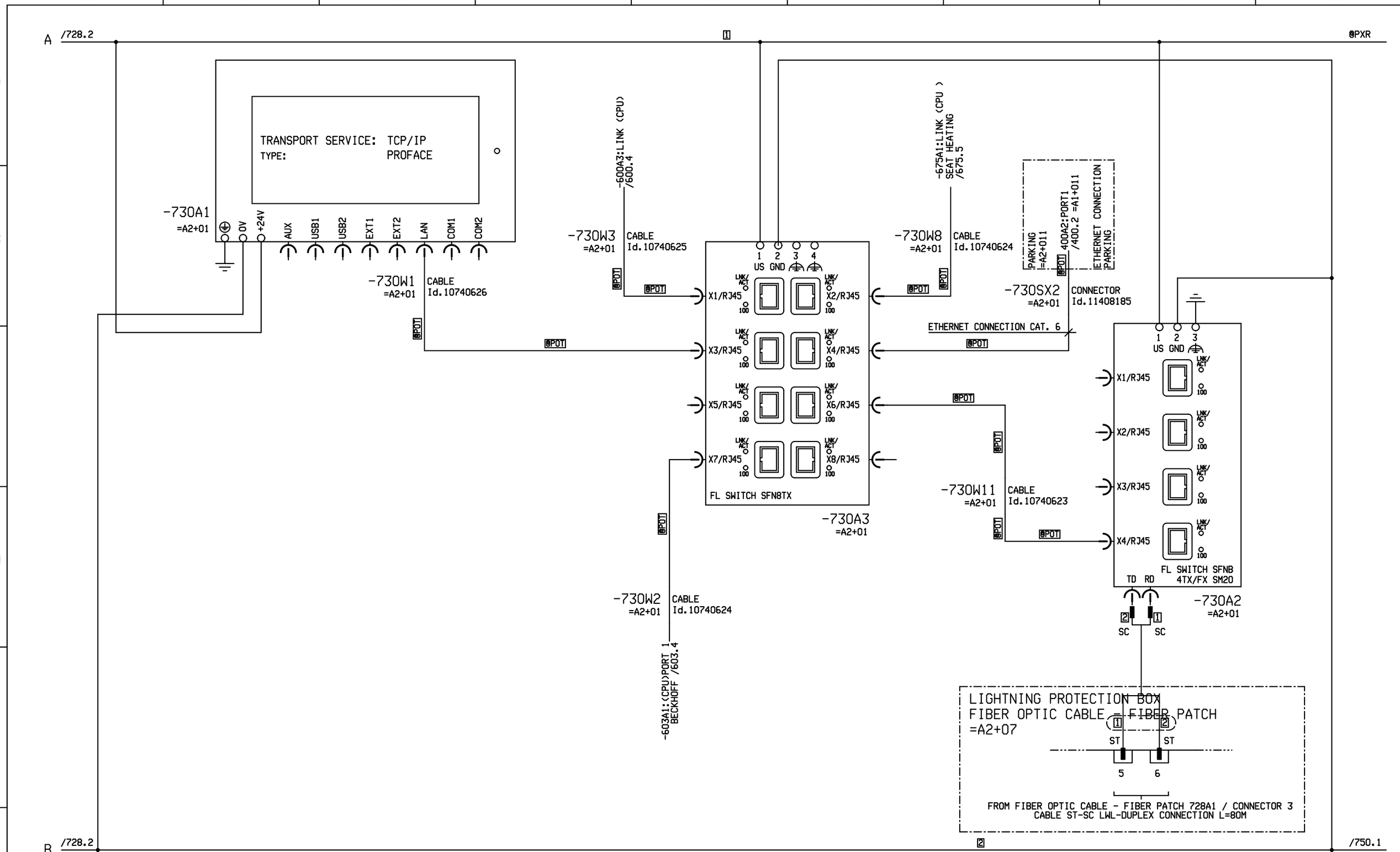

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Date	13.10.16	Dr.ch.by	Fma
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TOUCH SCREEN

RETURN STATION | LV-CONTROL

=A2+01

Date	13.10.16
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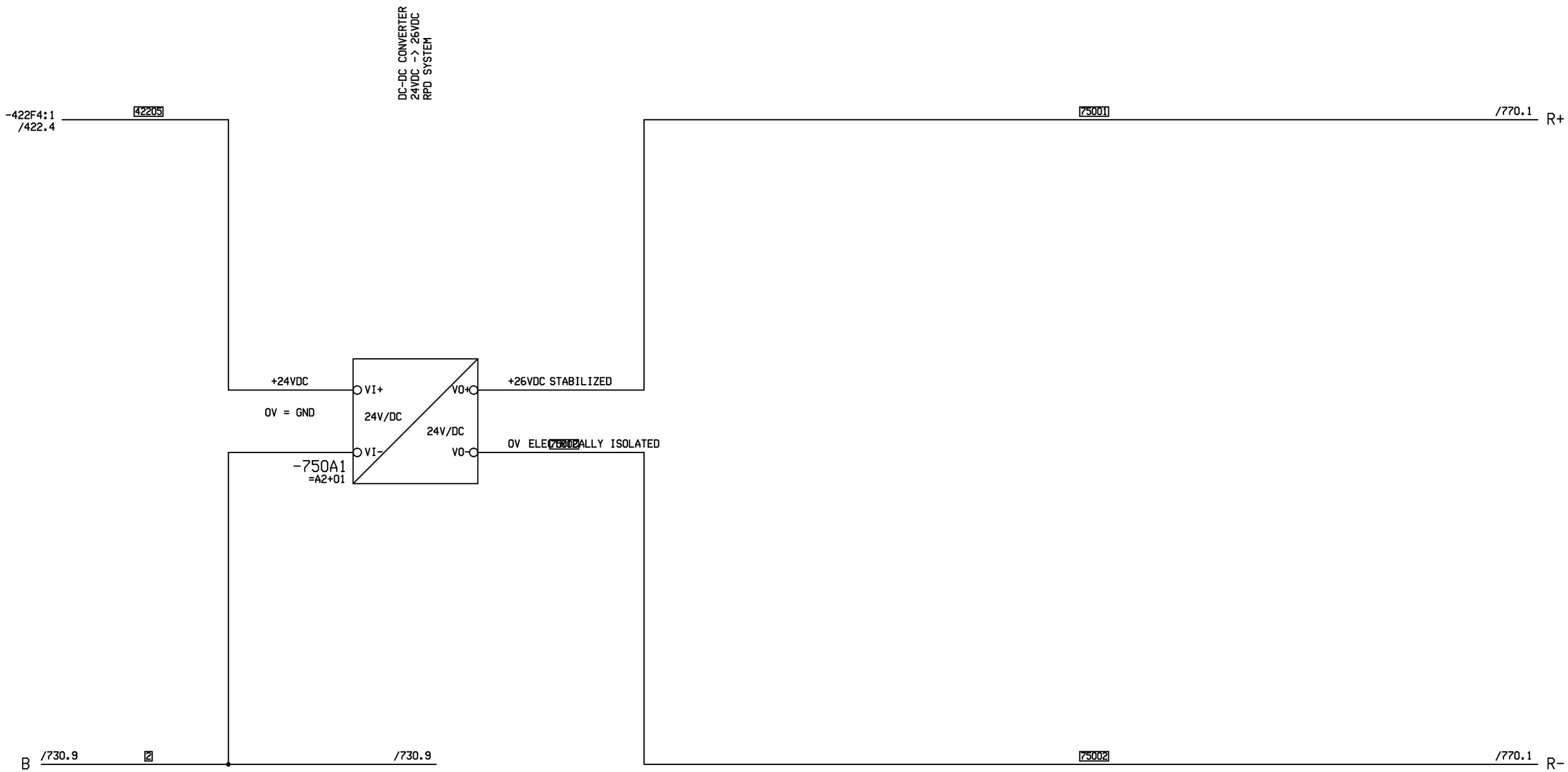

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Date	13.10.16	Dr.ch.by	Fma
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RPD SUPPLY VOLTAGE

RETURN STATION | LV-CONTROL

=A2+01

Date	16.03.16
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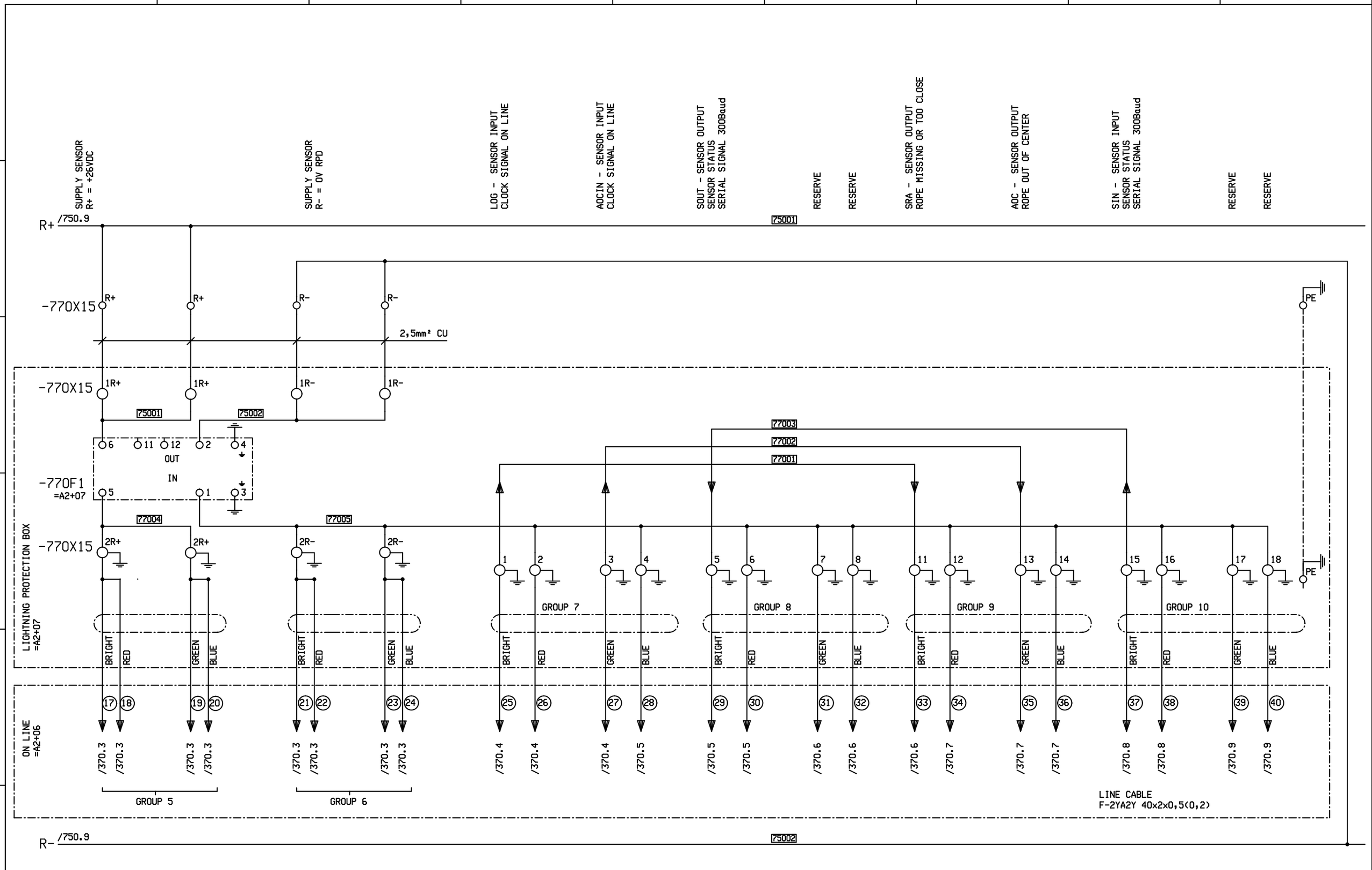

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Date	13.10.16	Dr.ch.by	Fma
File:	GEWAA4186		

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RPD ON LINE

RETURN STATION | LV-CONTROL

=A2+01

Date	08.06.16
Sheet :	770
Cont.sheet:	~~BLAT~~ +