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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 INCOMING SIDE
O232.. TERMINAL BOX 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	10.05.17
Sheet :	402
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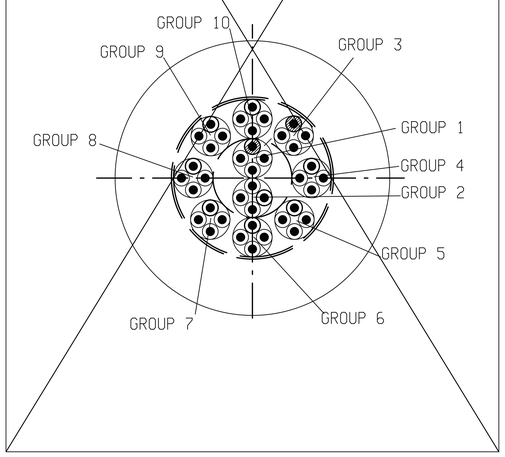
CROSS SECTIONS

TYPE OF CABLE :
F-2YA2Y 20x2x0,8



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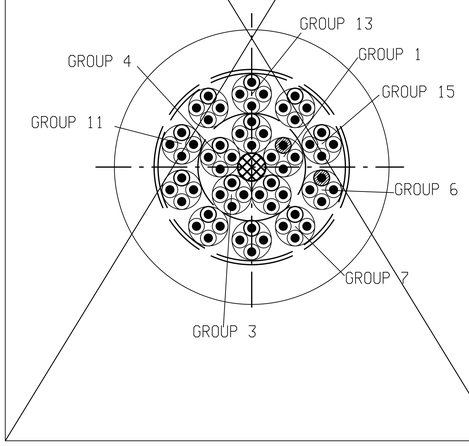

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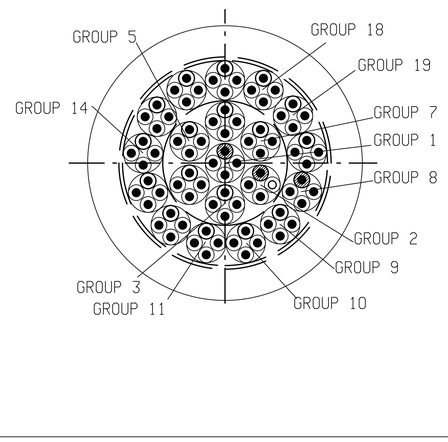
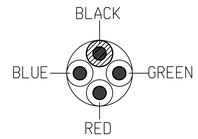
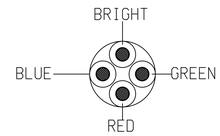


VIEW FROM DRIVE STATION :
CLOCKWISE!

F-2YA2Y 40x2x0,5:	GROUP 1/2/8
~~F-2YA2Y 30x2x0,8:~~	~~GROUP 1/6~~
~~F-2YA2Y 20x2x0,8:~~	~~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 30x2x0,8:~~	~~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	10.05.17
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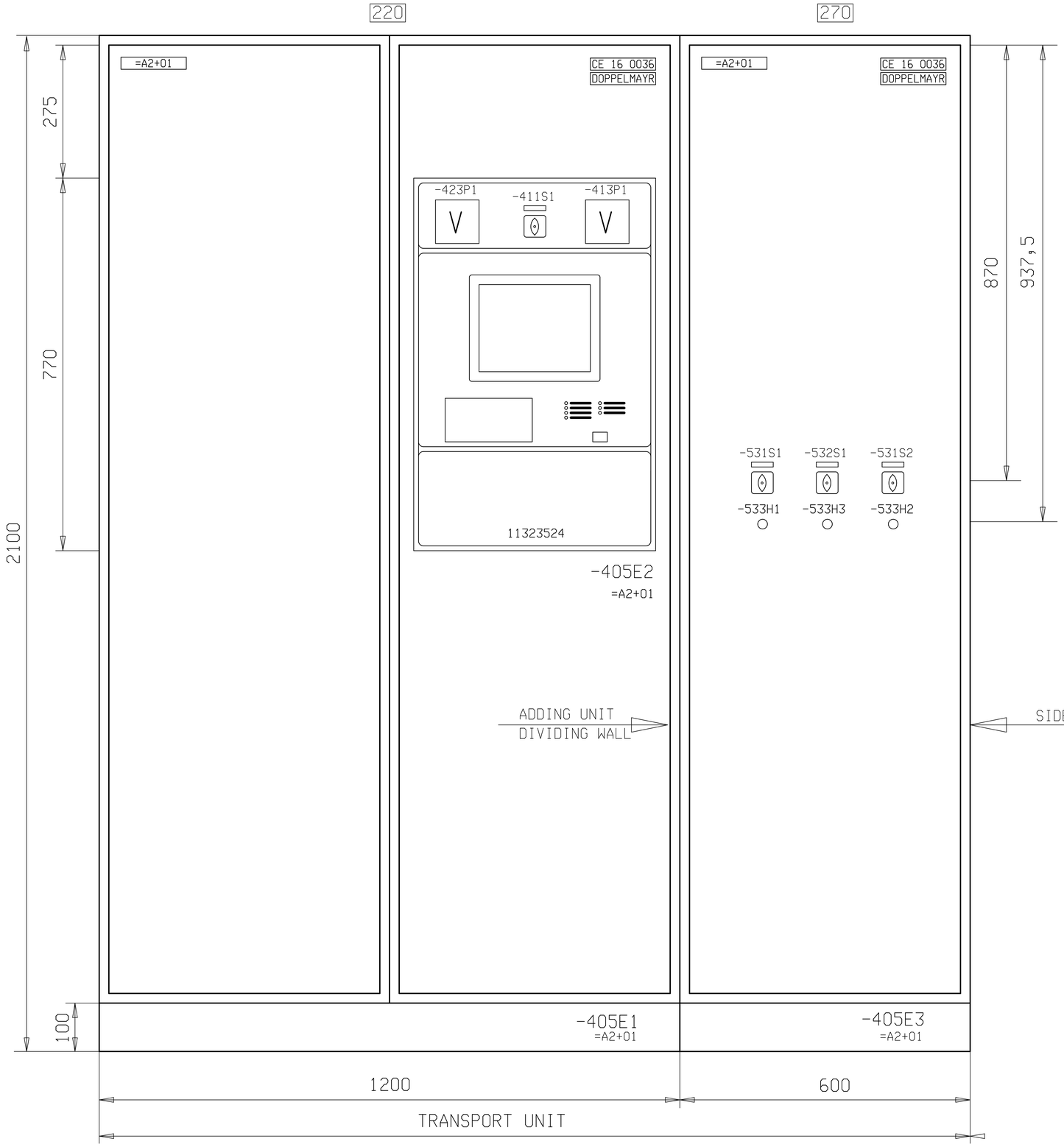

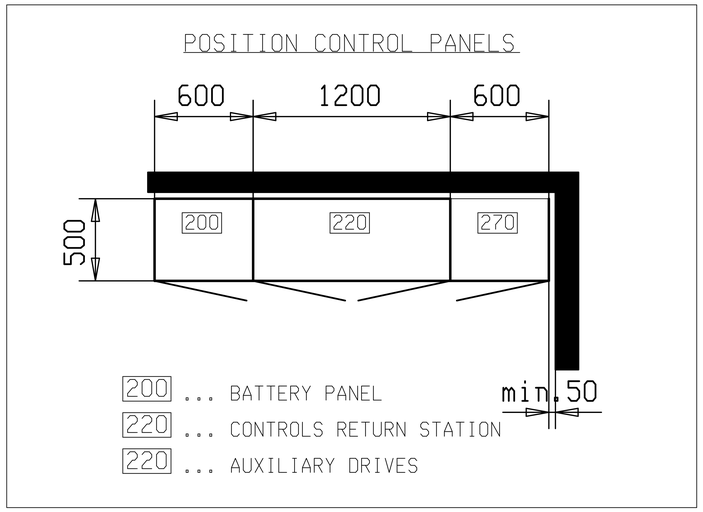

405E1: MAIN CONTROLS =A2+01

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

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

-531S1 ... TORQUEENUNTERSTÜTZUNG INCOMING ON
-531S2 ... TORQUEENUNTERSTÜTZUNG 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	09.06.16
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+033

TERMINAL BOX TB3
STATION
=A2+033

-407E21
=A2+071

TERMINAL BOX
PLATFORM/PARKING
1
=A2+071

-407E4
=A2+045

11443314

-407E5
=A2+045

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

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

-407E26
=A2+0132

TERMINAL BOX
TENSIONING CARRIAGE
=A2+0132

-407E27
=A2+033

TERMINAL BOX
TENSIONING CARRIAGE
=A2+0133

-407E28
=A2+0106

TERMINAL BOX
DEFLECTION SHEAVE
TENSION WEIGHT
=A2+0106

11443407

-407E29
=A2+01

DIAGRAM
ROPE POSITION
=A2+01

-407E7
=A2+050

11443308

-407E8
=A2+050

DESKTOP CONTROL PANEL
=A2+050

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

-407E30
=A2+034

TERMINAL BOX TB4
=A2+034

-407E31
=A2+0134

TERMINAL BOX TB14
=A2+0134

-407E32
=A2+035

TERMINAL BOX TB5
=A2+035

-407E33
=A2+0135

TERMINAL BOX TB15
=A2+0135

-407E34
=A2+0231

TERMINAL BOX
INCOMING
=A2+0231

-407E35
=A2+0232

TERMINAL BOX
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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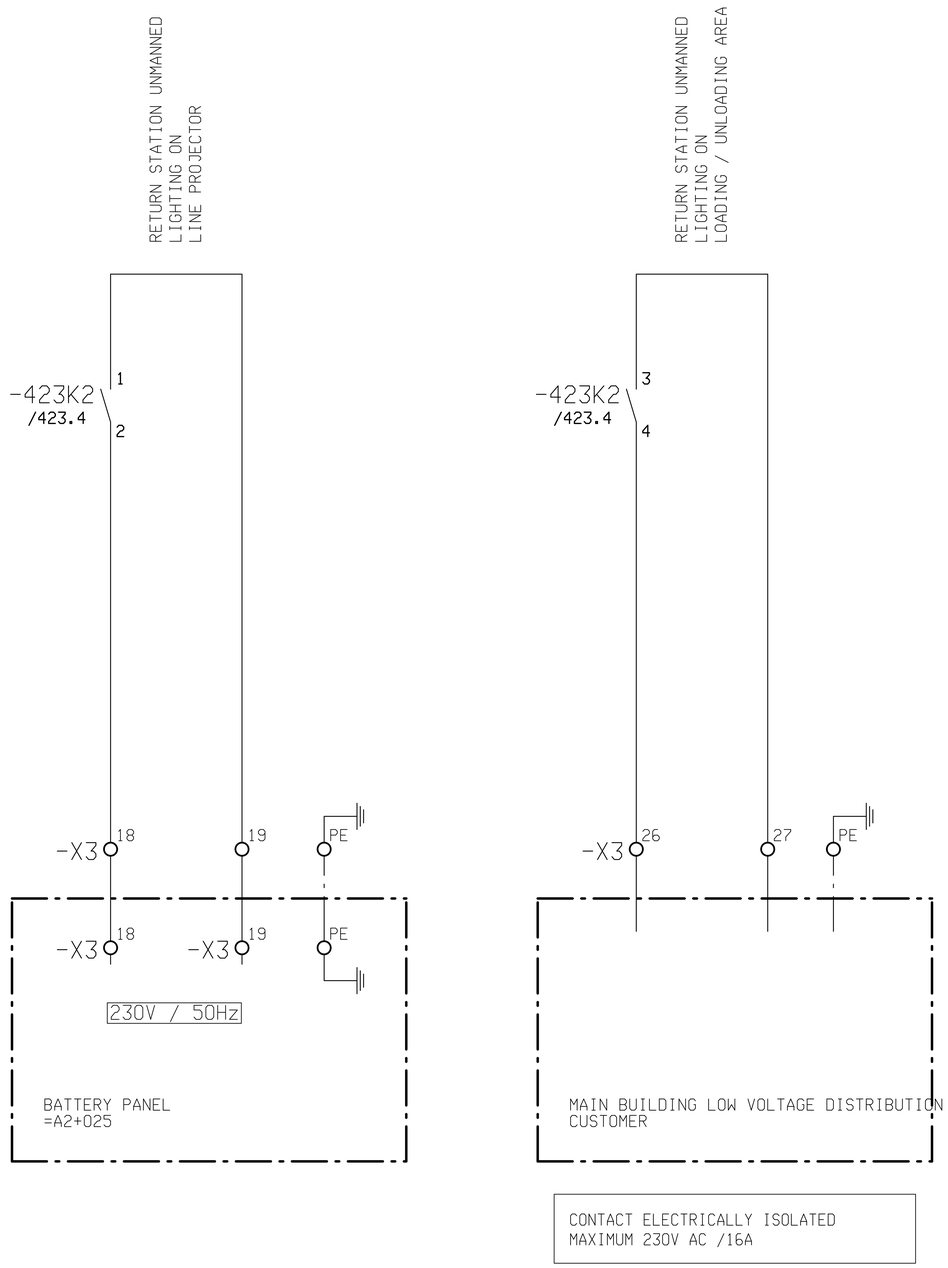
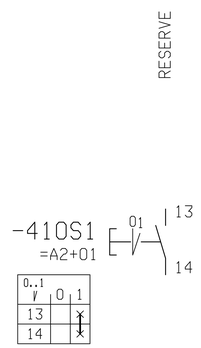
CONTROL PANEL DIMENSIONS

RETURN STATION | LV-CONTROL

=A2+01

Date	29.07.16
Sheet :	407
Cont.sheet:	410





CONTACT ELECTRICALLY ISOLATED
MAXIMUM 230V AC /16A

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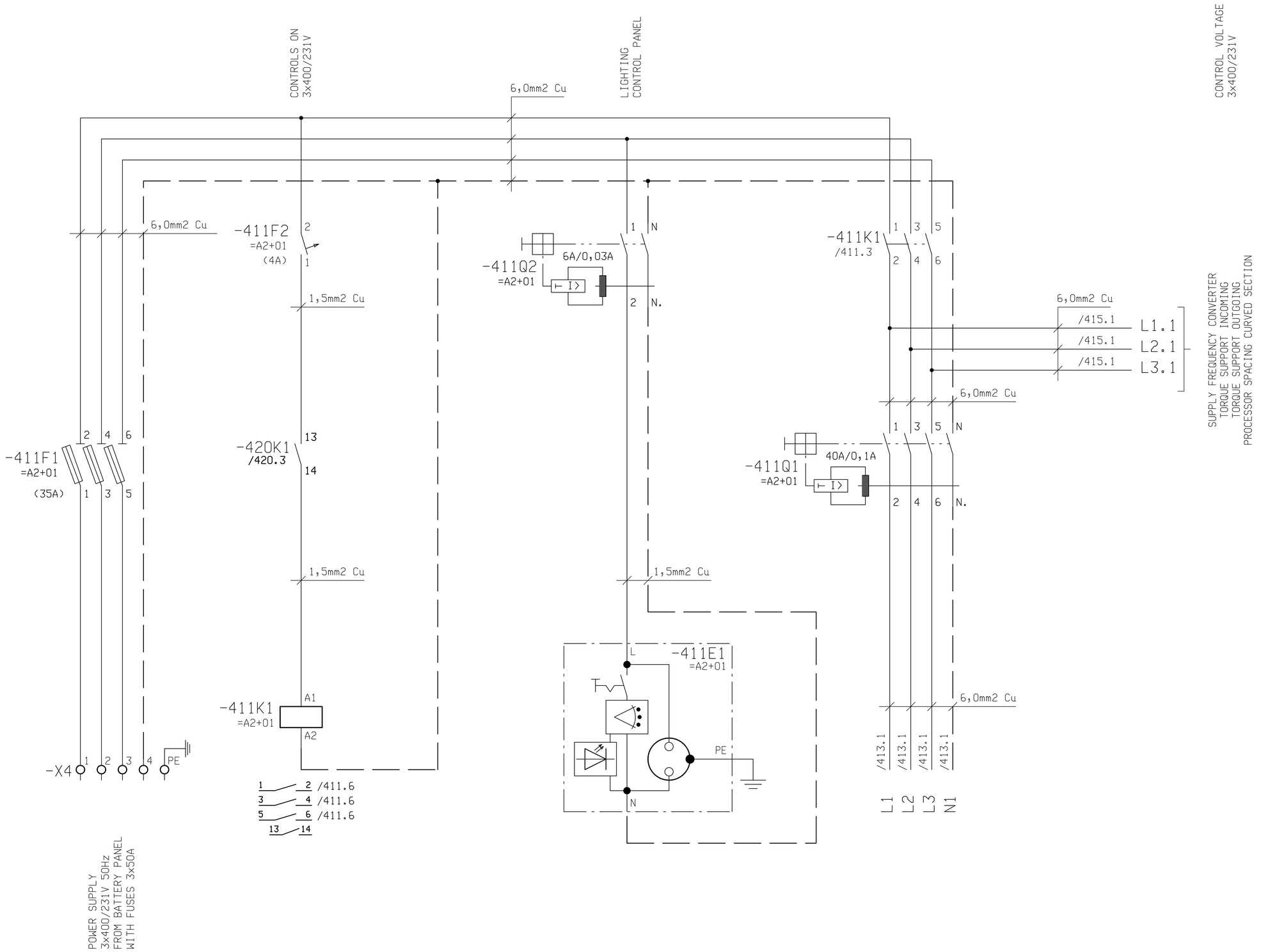
LIGHTING

RETURN STATION | LV-CONTROL

=A2+01

Date	23.05.16
Sheet :	410
Cont.sheet:	411



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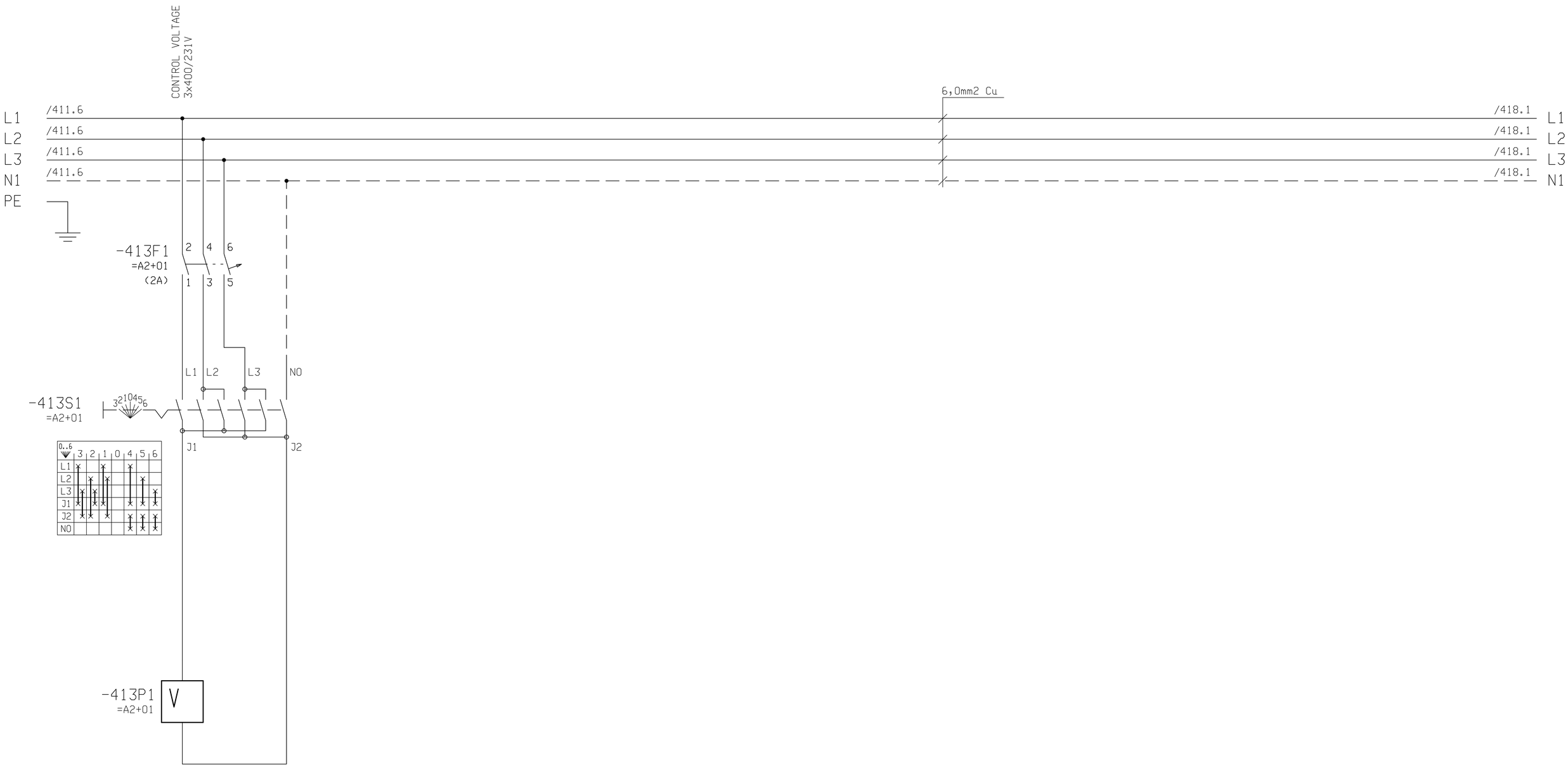
POWER SUPPLY 3X400/230V

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	411
Cont.sheet:	413



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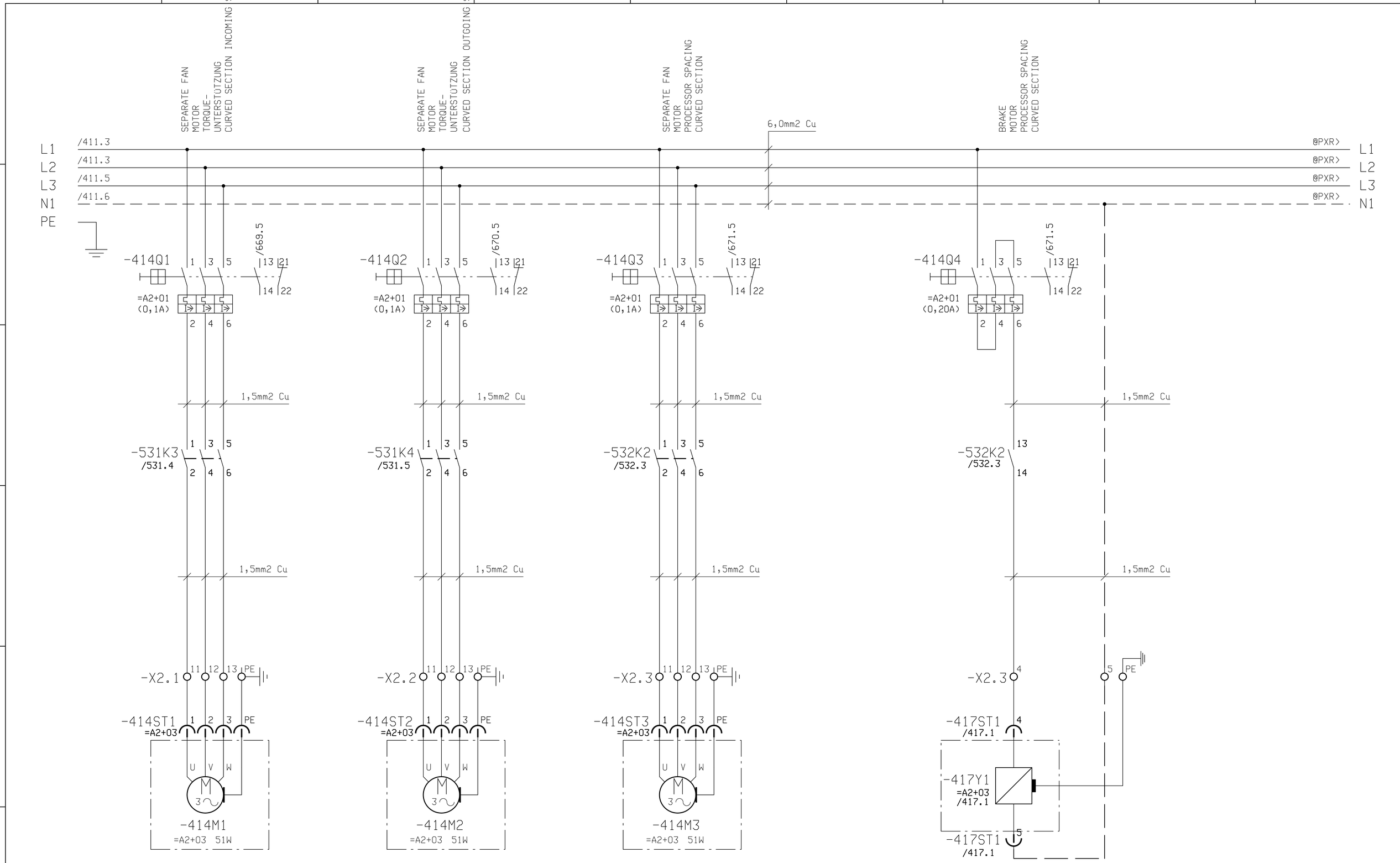
MOTORS - HYDRAULIC TENSIONING

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	413
Cont.sheet:	414



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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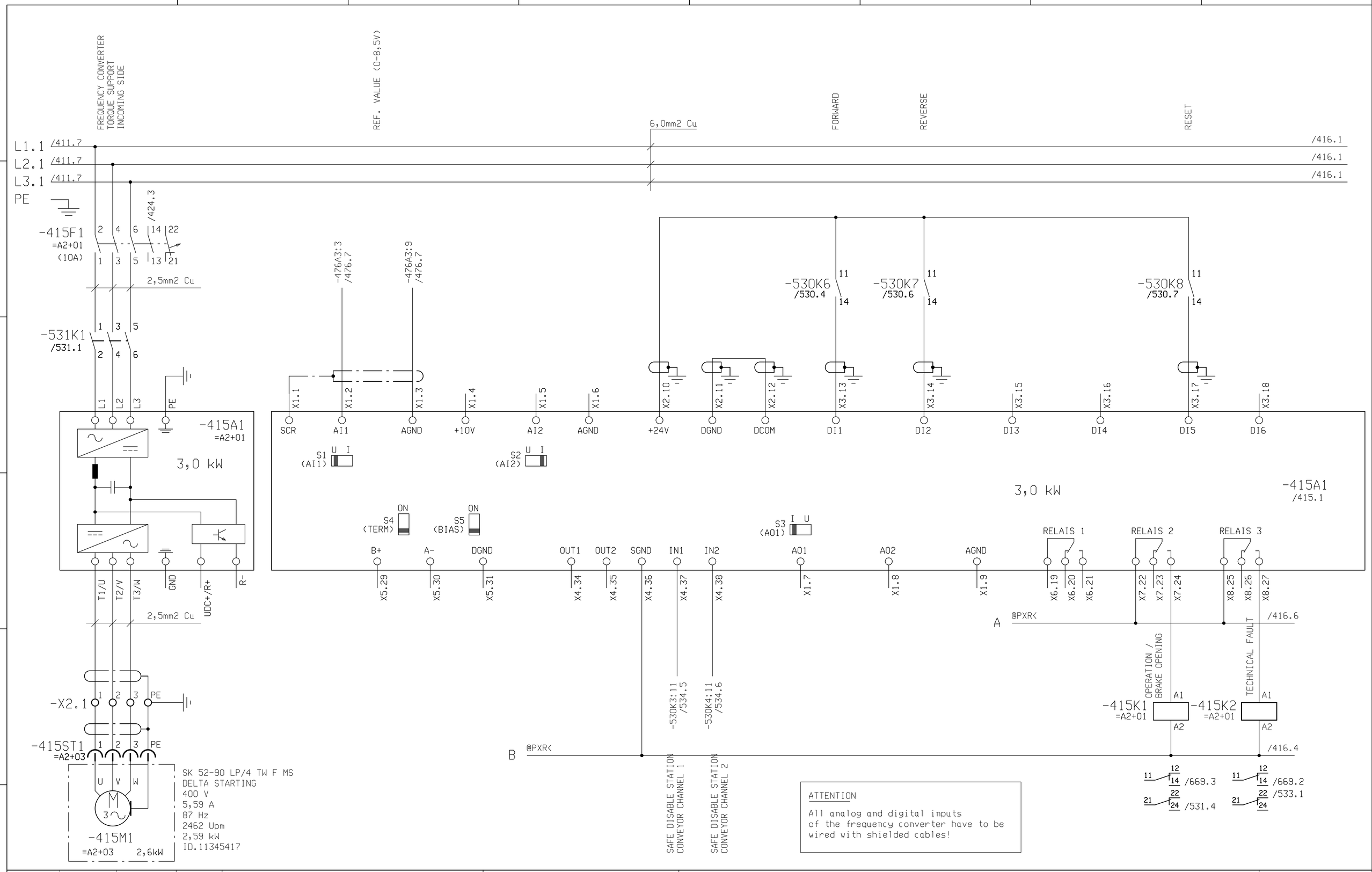
FAN / BRAKE STATION CONVEYOR

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	414
Cont.sheet:	415



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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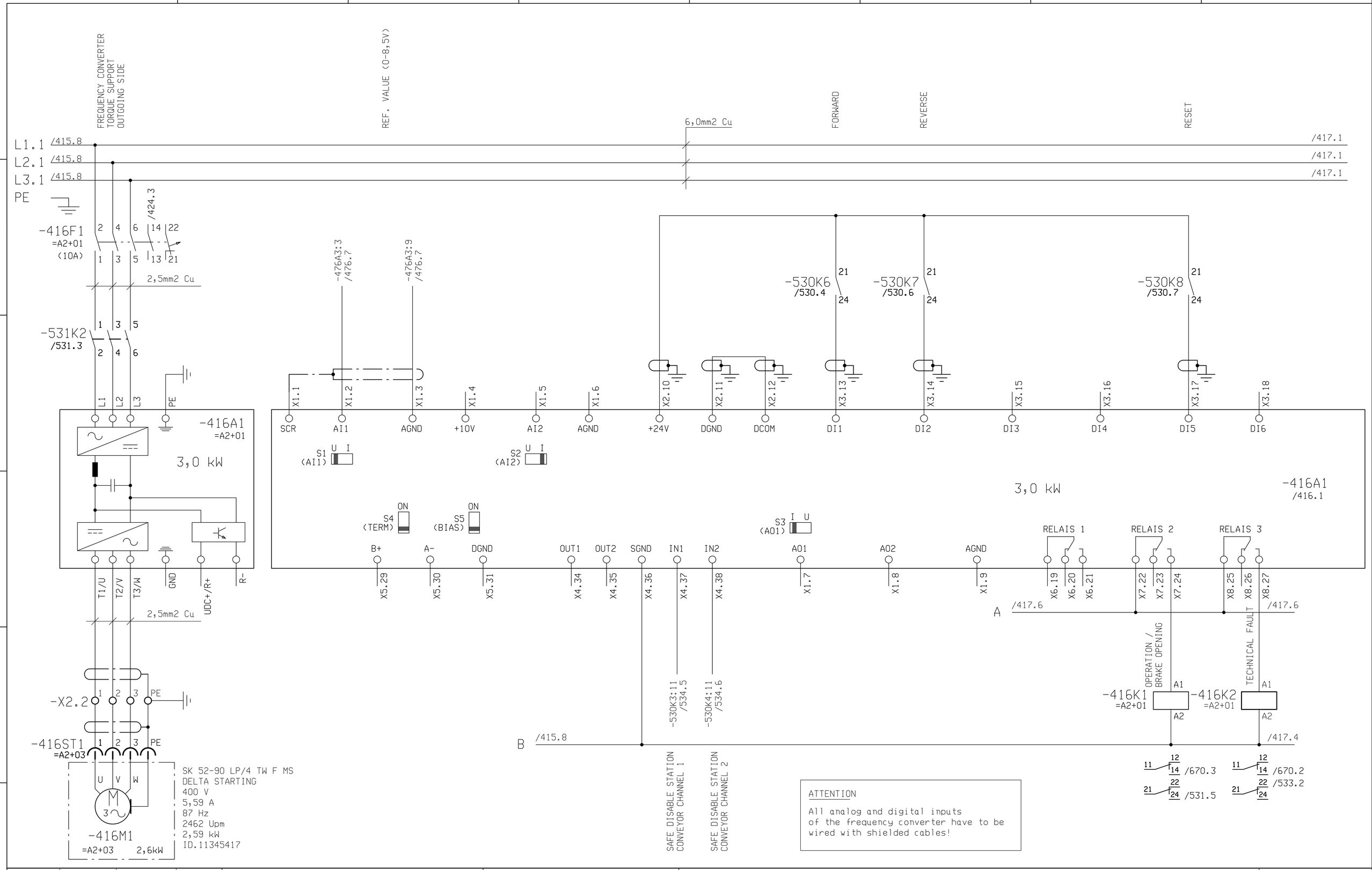
FREQUENCY CONVERTER TORQUE SUPPORT INCOMING

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	415
Cont.sheet:	416



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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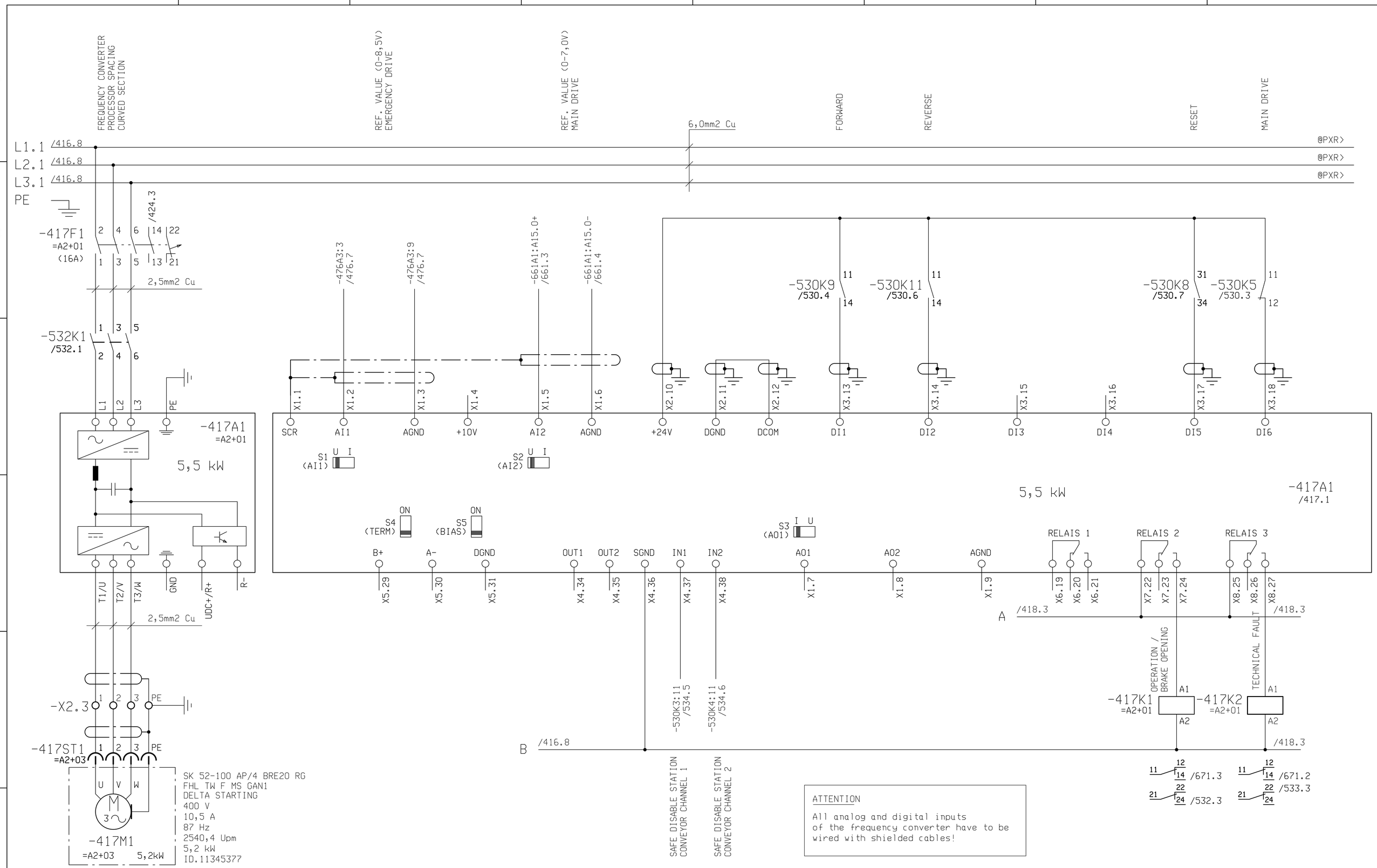
FREQUENCY CONVERTER TORQUE SUPPORT OUTGOING

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	416
Cont.sheet:	417



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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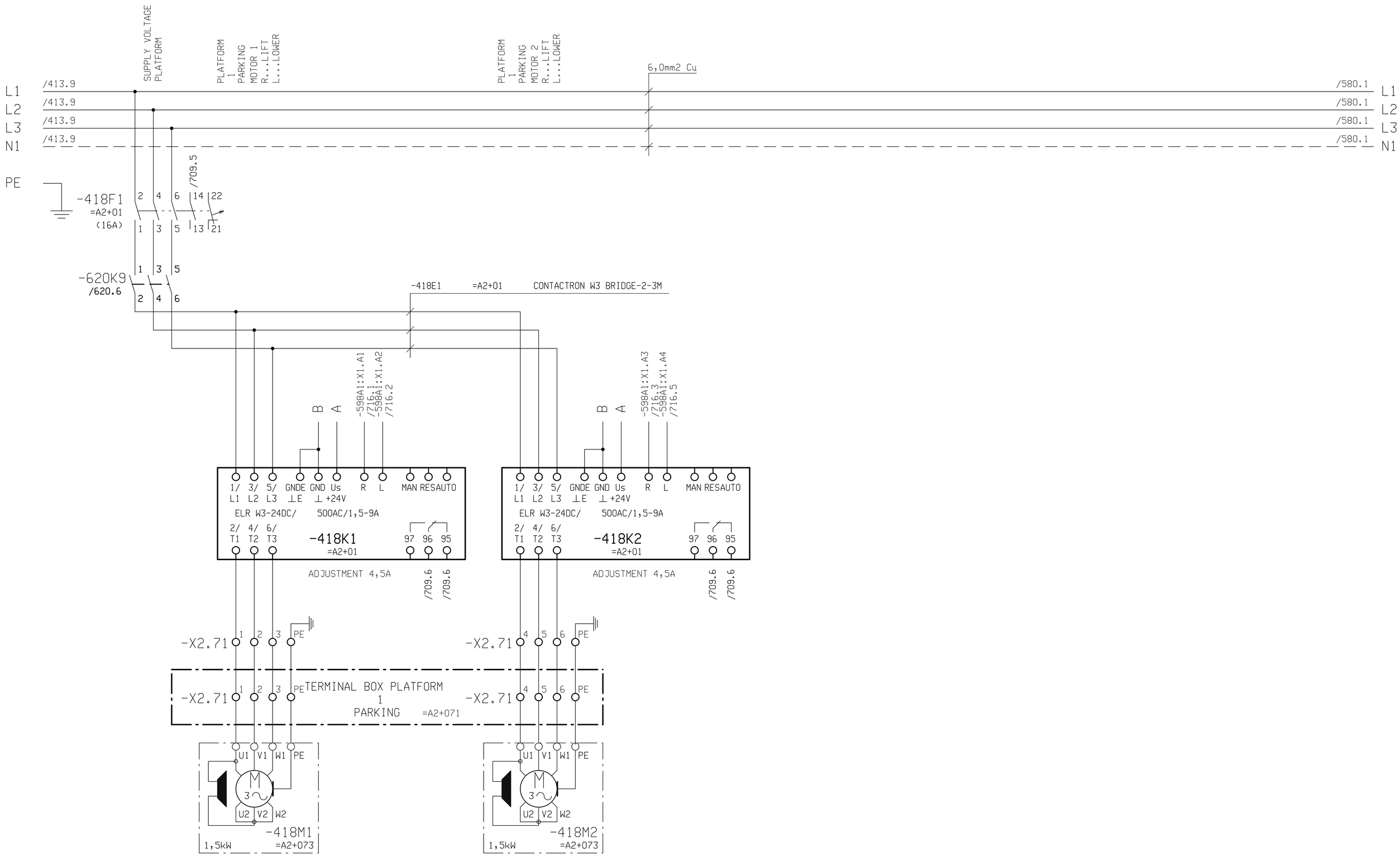
FREQUENCY CONVERTER PROCESSOR SPACING CURVED SECTION

RETURN STATION | LV-CONTROL

=A2+01

Date	20.01.17
Sheet :	417
Cont.sheet:	418



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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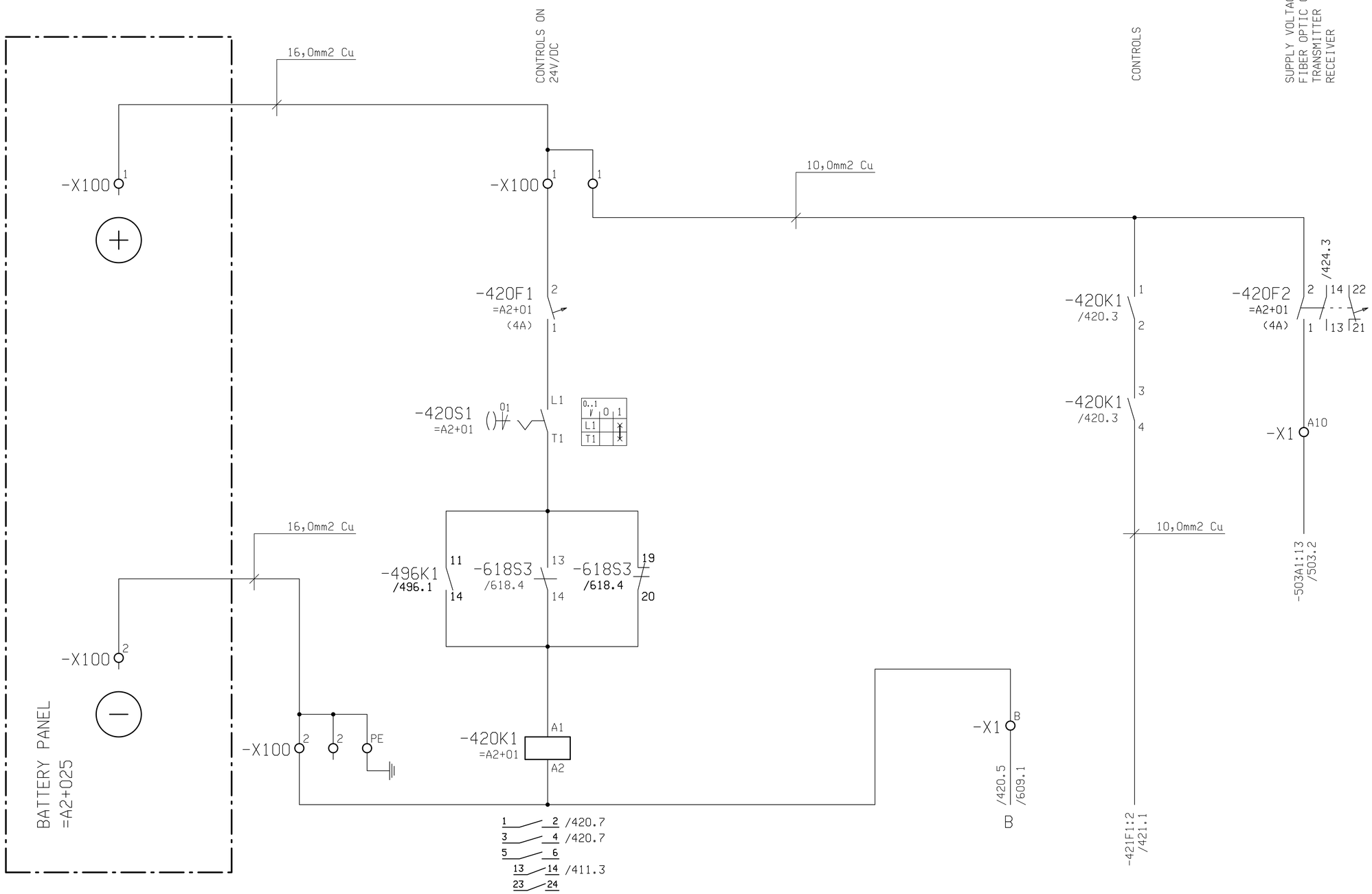
MOTORS - PLATFORM 1 PARKING

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	418
Cont.sheet:	420



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

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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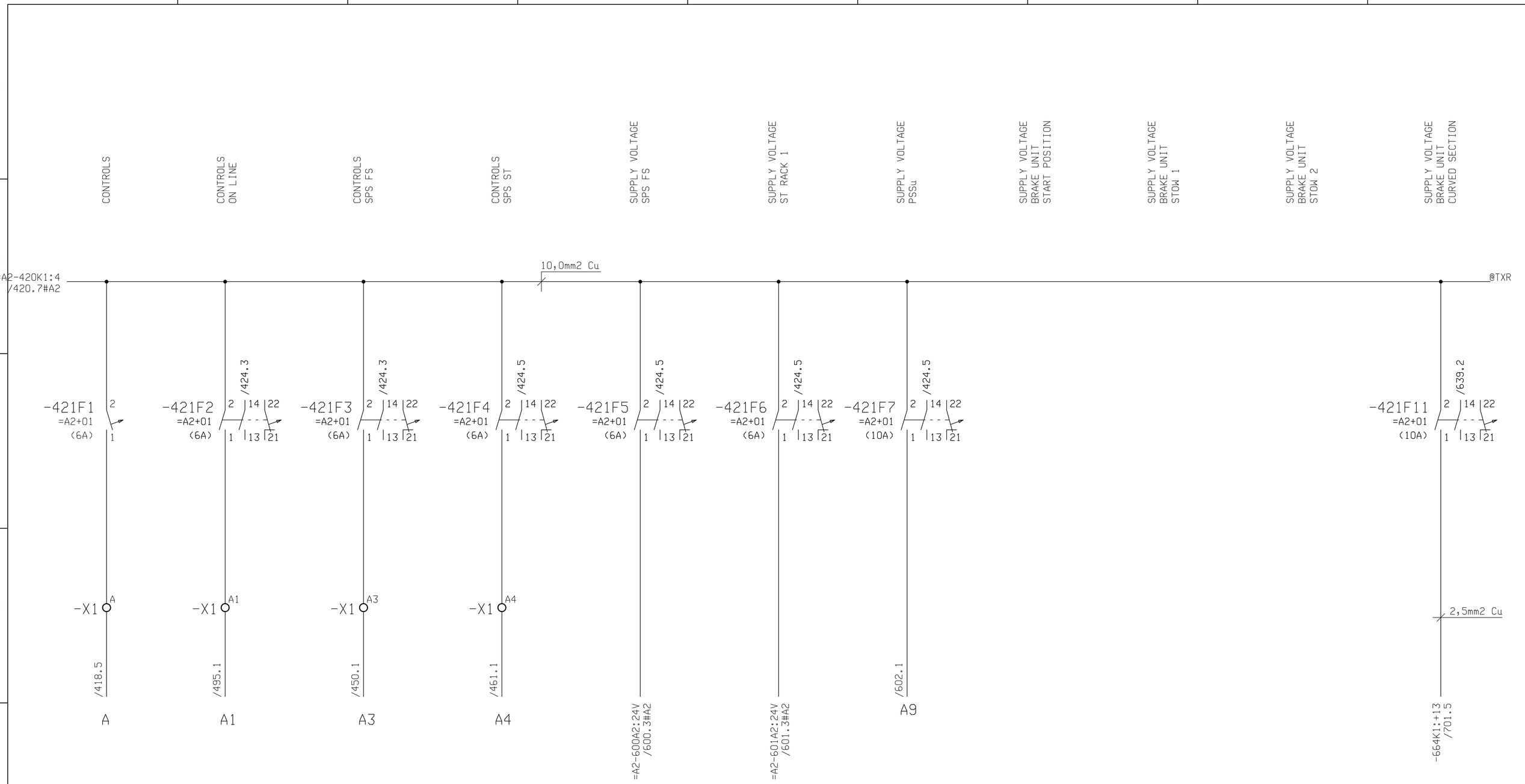
POWER SUPPLY 24V/DC

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	420
Cont.sheet:	421



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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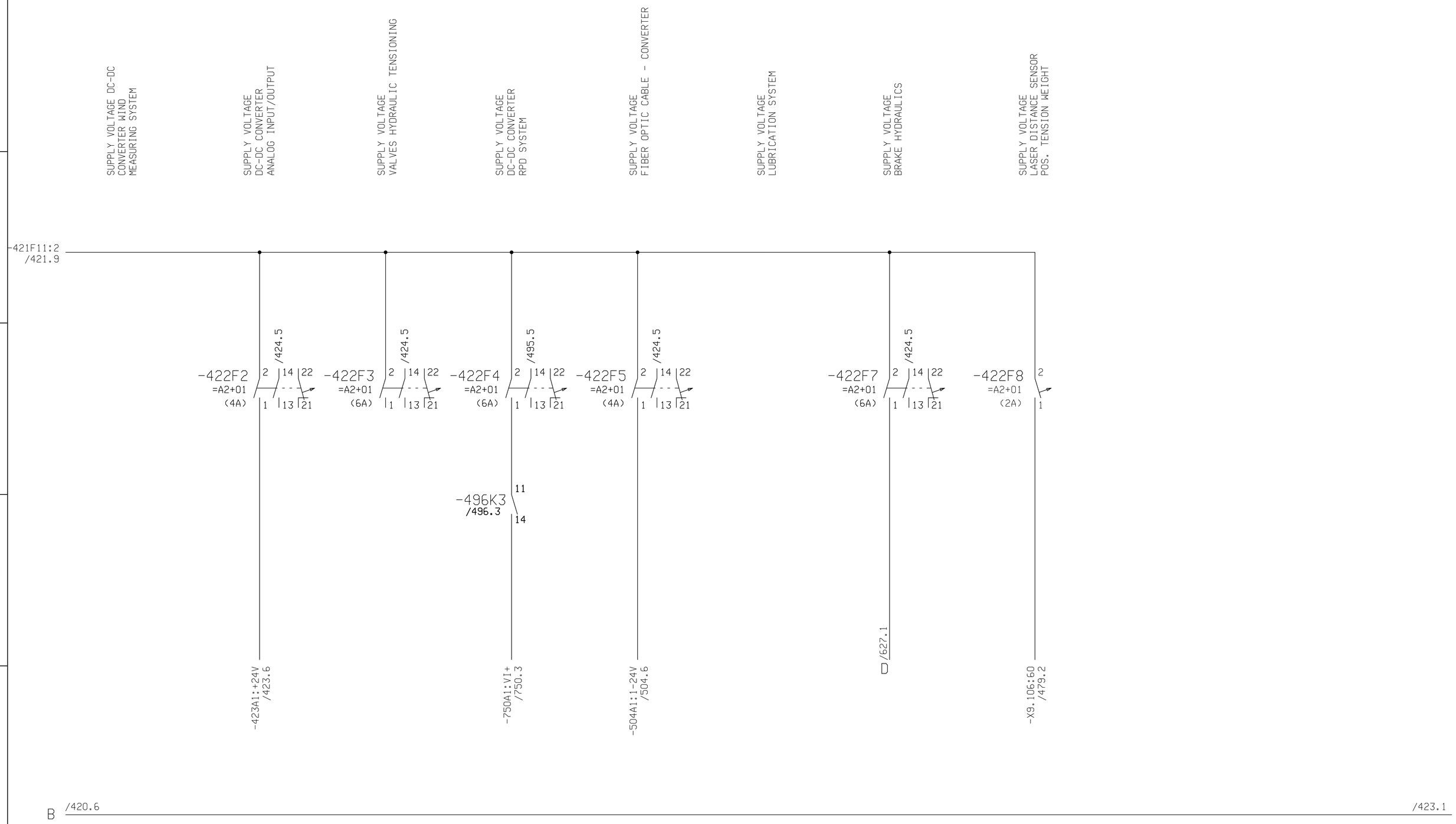
CIRCUIT BREAKERS

RETURN STATION | LV-CONTROL

=A2+01

Date	10.02.17
Sheet :	421
Cont.sheet:	422



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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CIRCUIT BREAKERS

RETURN STATION | LV-CONTROL

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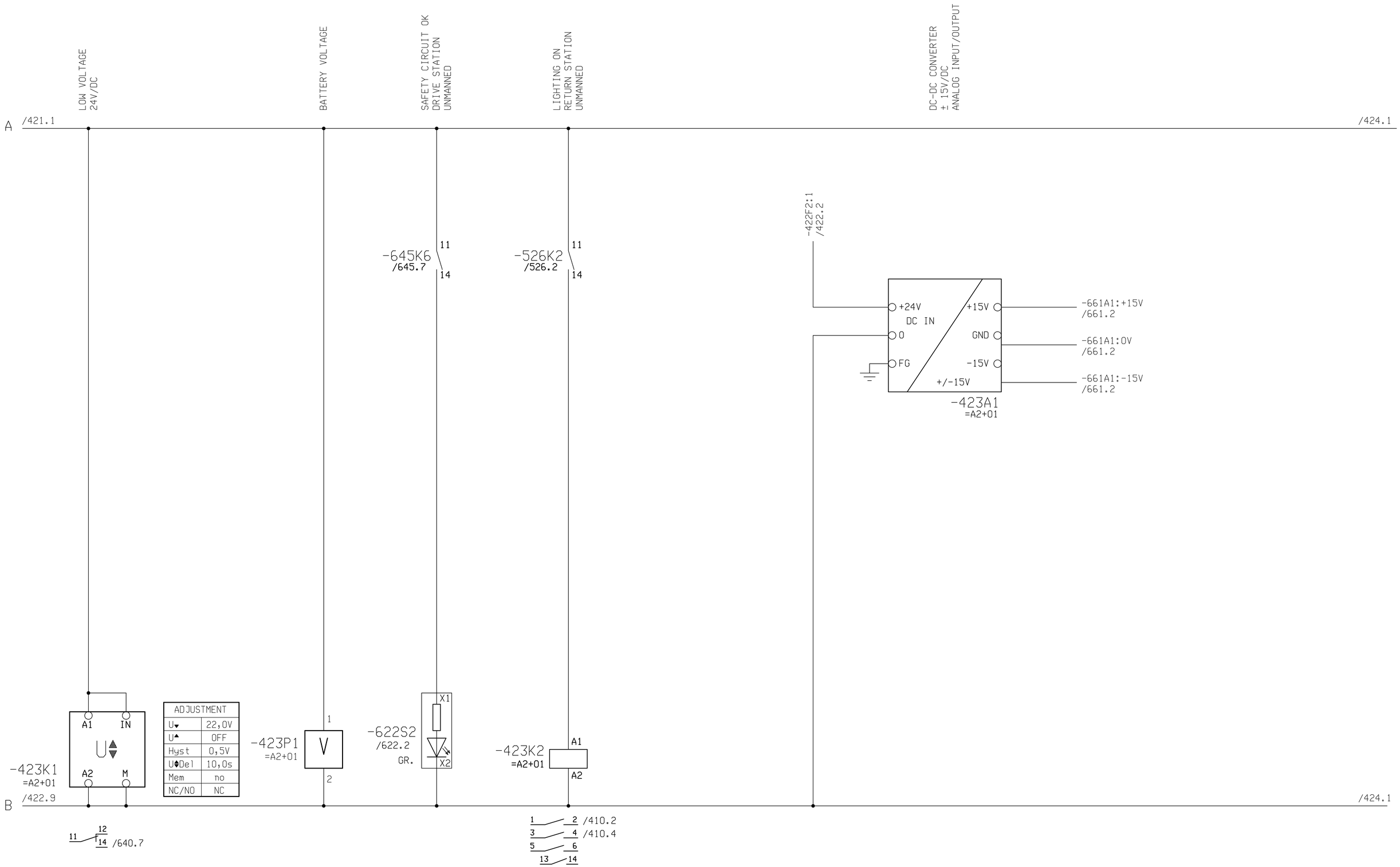
Date	23.01.17
Sheet :	422
Cont.sheet:	423



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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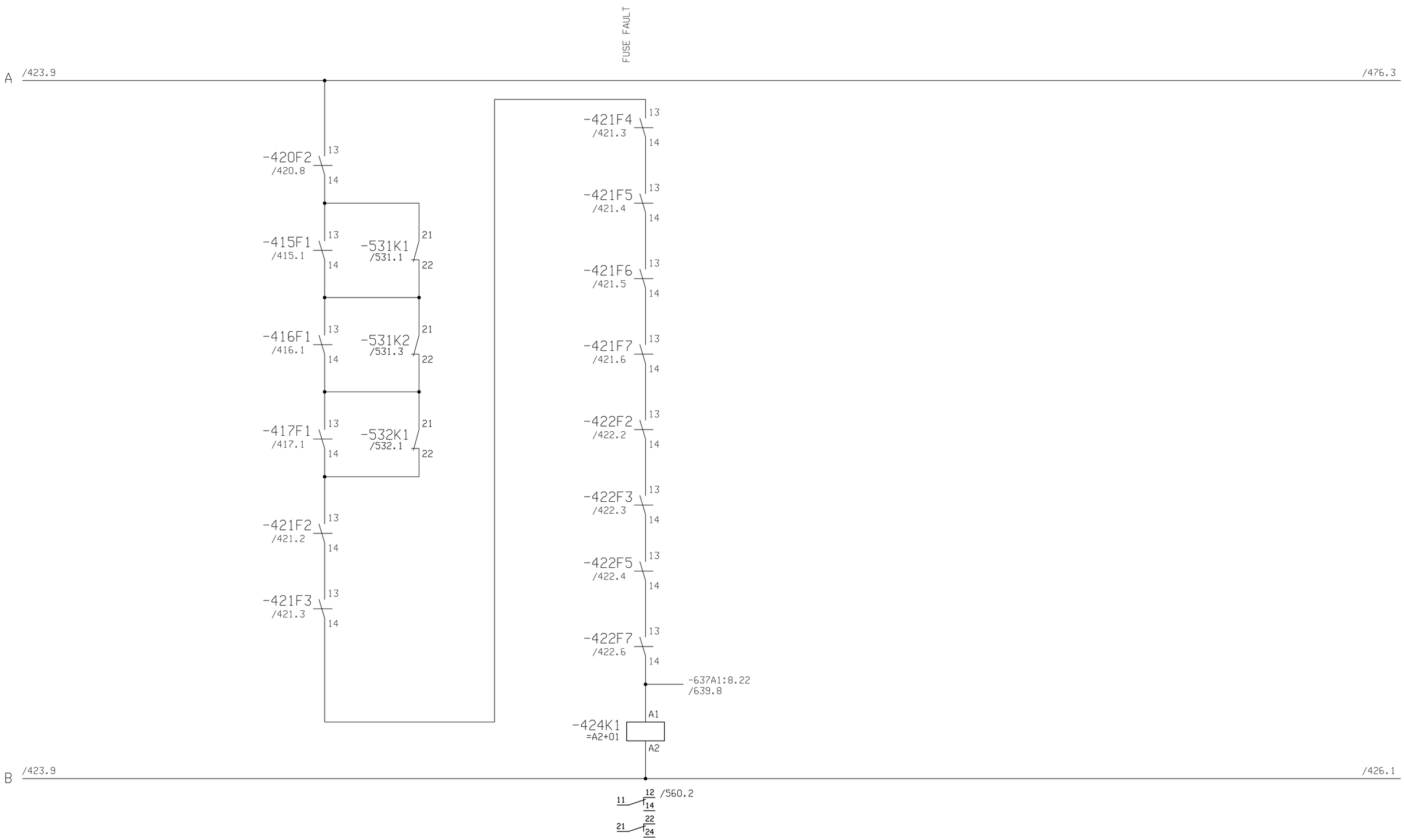
LOW VOLTAGE 24V/DC

RETURN STATION | LV-CONTROL

=A2+01

Date	01.04.16
Sheet :	423
Cont.sheet:	424



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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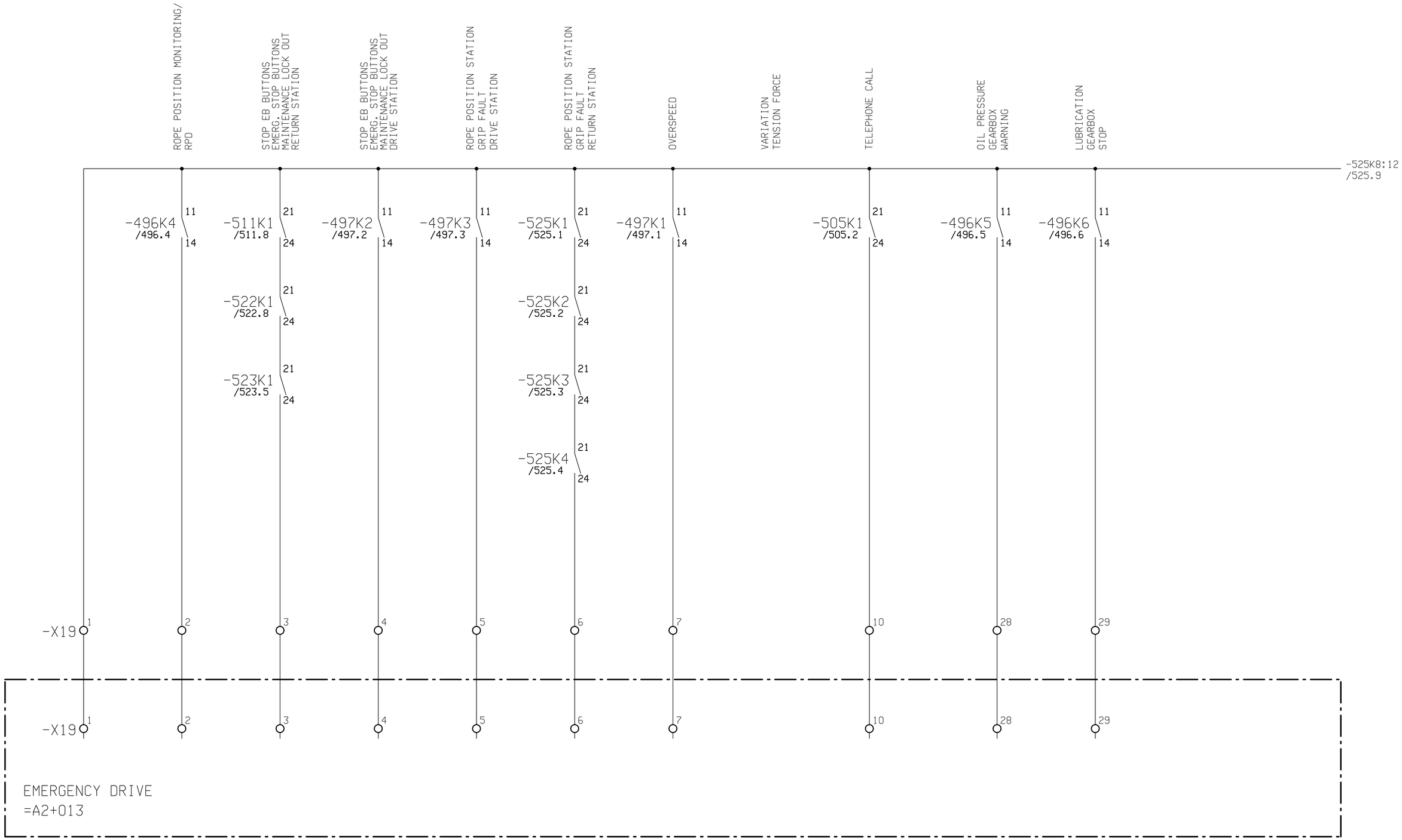
FUSE FAULT

RETURN STATION | LV-CONTROL

=A2+01

Date	09.06.16
Sheet :	424
Cont.sheet:	425



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Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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EMERGENCY DRIVE

RETURN STATION | LV-CONTROL

=A2+01

Date	10.06.16
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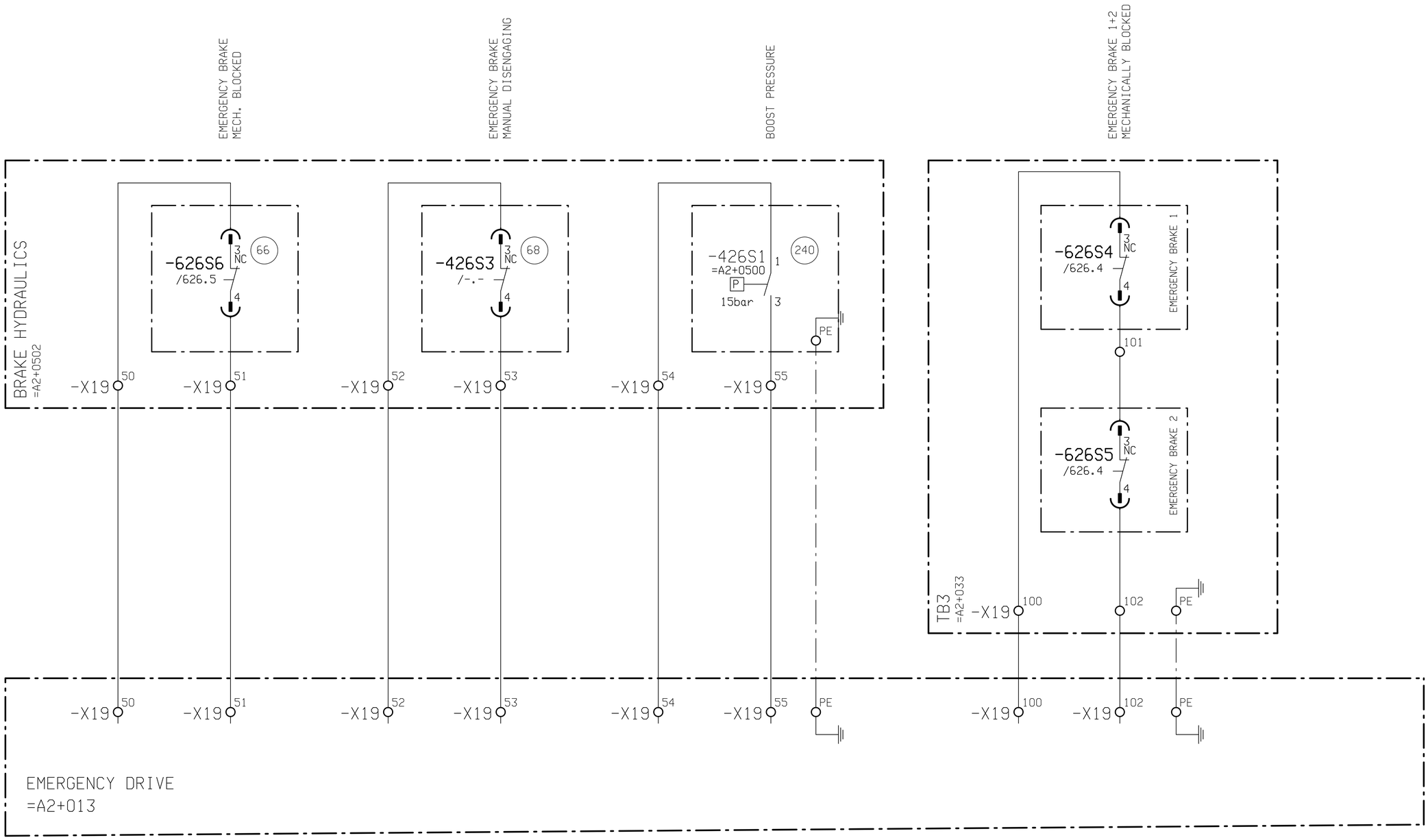
Cont.sheet:	426



B /424.9 /427.1

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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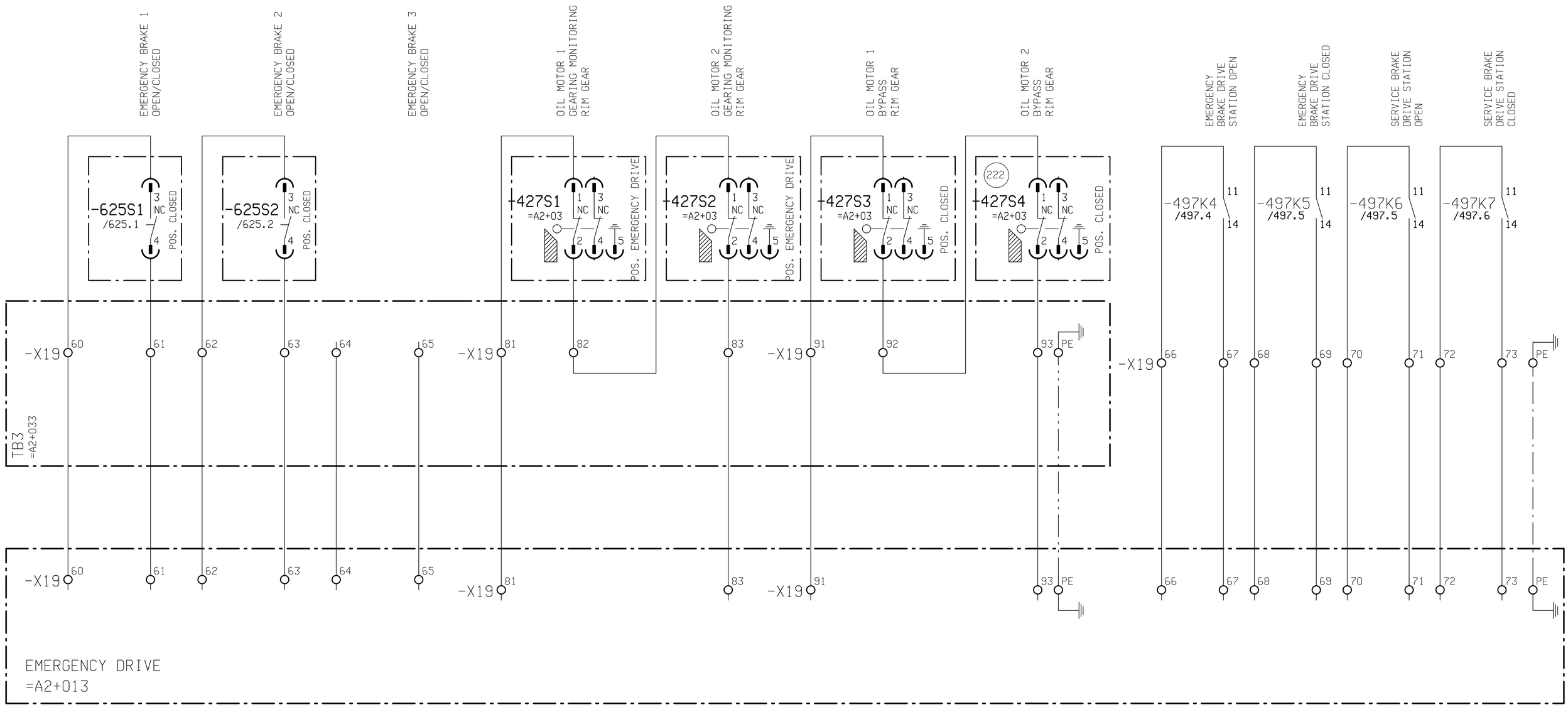
CONNECTIONS TO AUX. DRIVE 2

RETURN STATION | LV-CONTROL

=A2+01

Date	08.06.16
Sheet :	426
Cont.sheet:	427



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Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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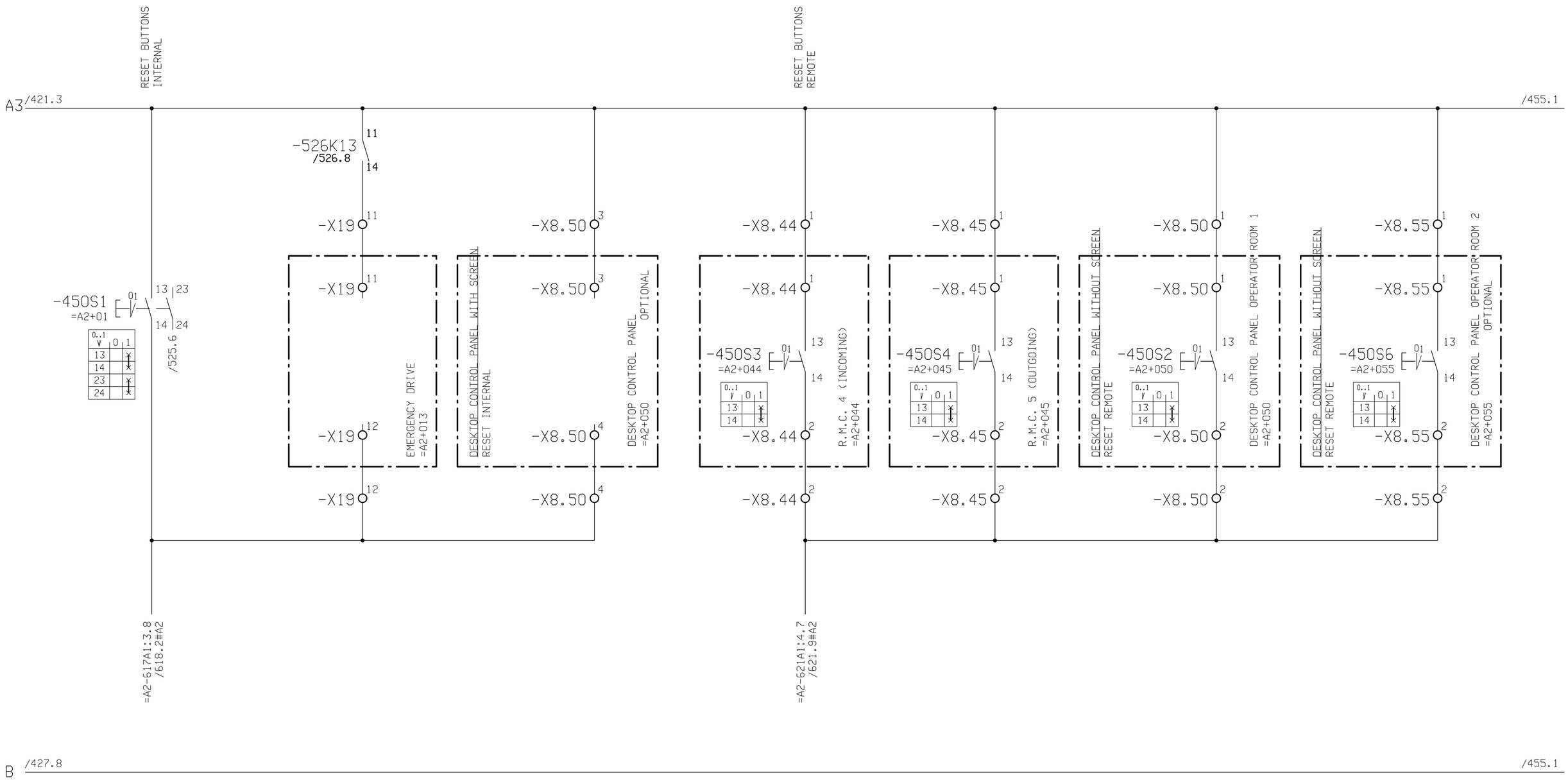
CONNECTIONS TO AUX. DRIVE 2

RETURN STATION | LV-CONTROL

=A2+01

Date	08.06.16
Sheet :	427
Cont.sheet:	450



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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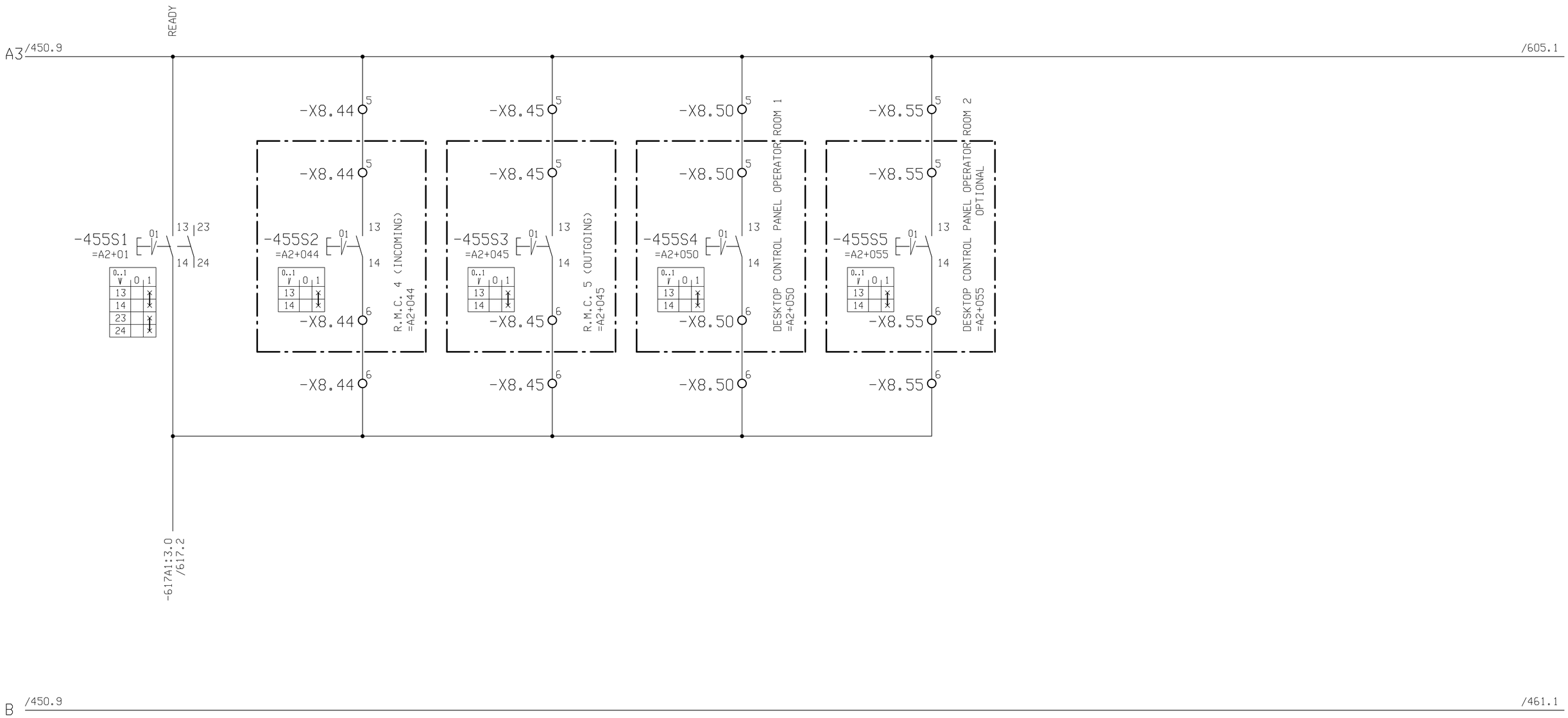
RESET BUTTONS

RETURN STATION | LV-CONTROL

=A2+01

Date	10.05.17
Sheet :	450
Cont.sheet:	455



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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READY

RETURN STATION | LV-CONTROL

=A2+01

Date	06.04.16
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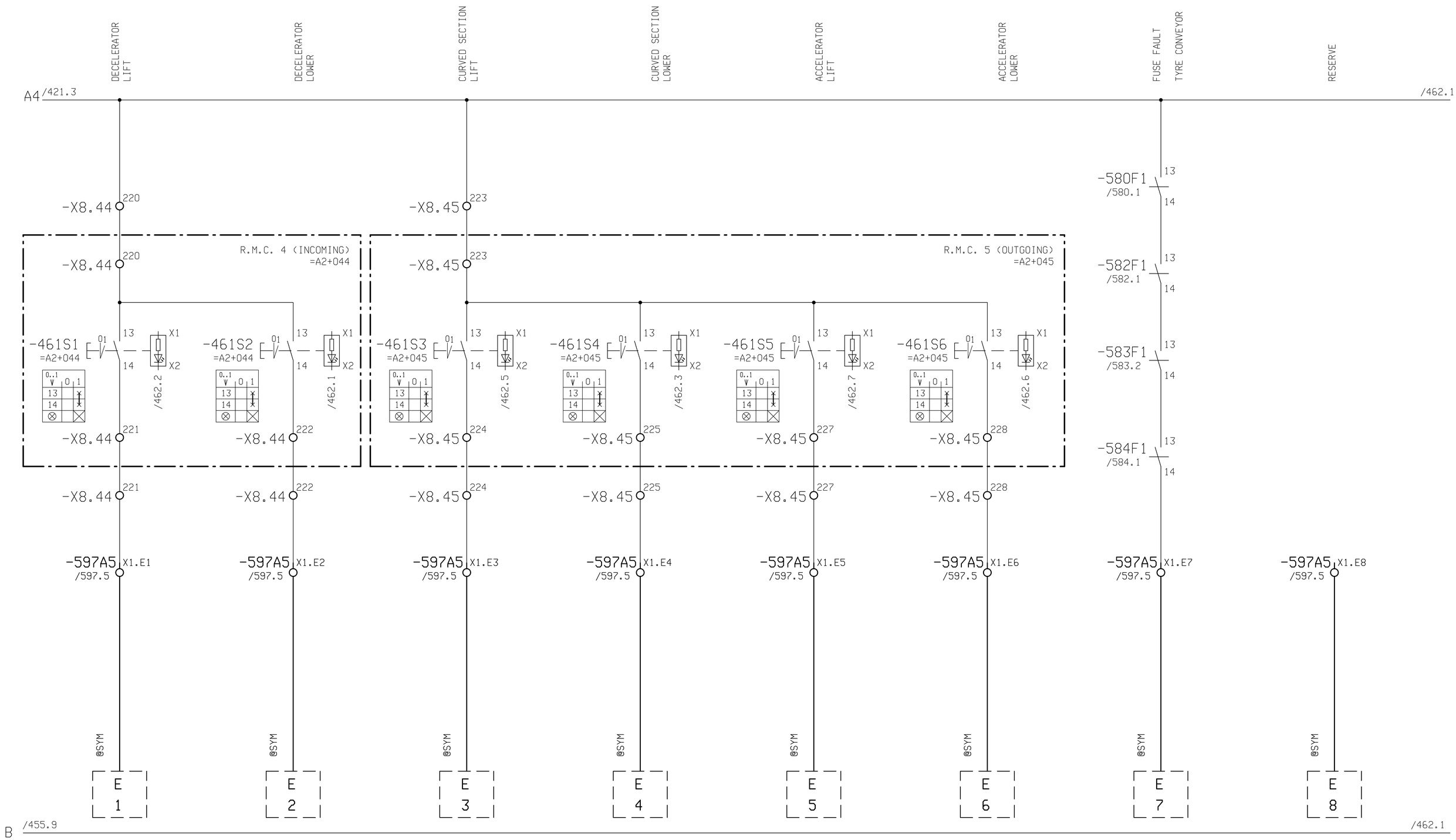
Cont.sheet:	461



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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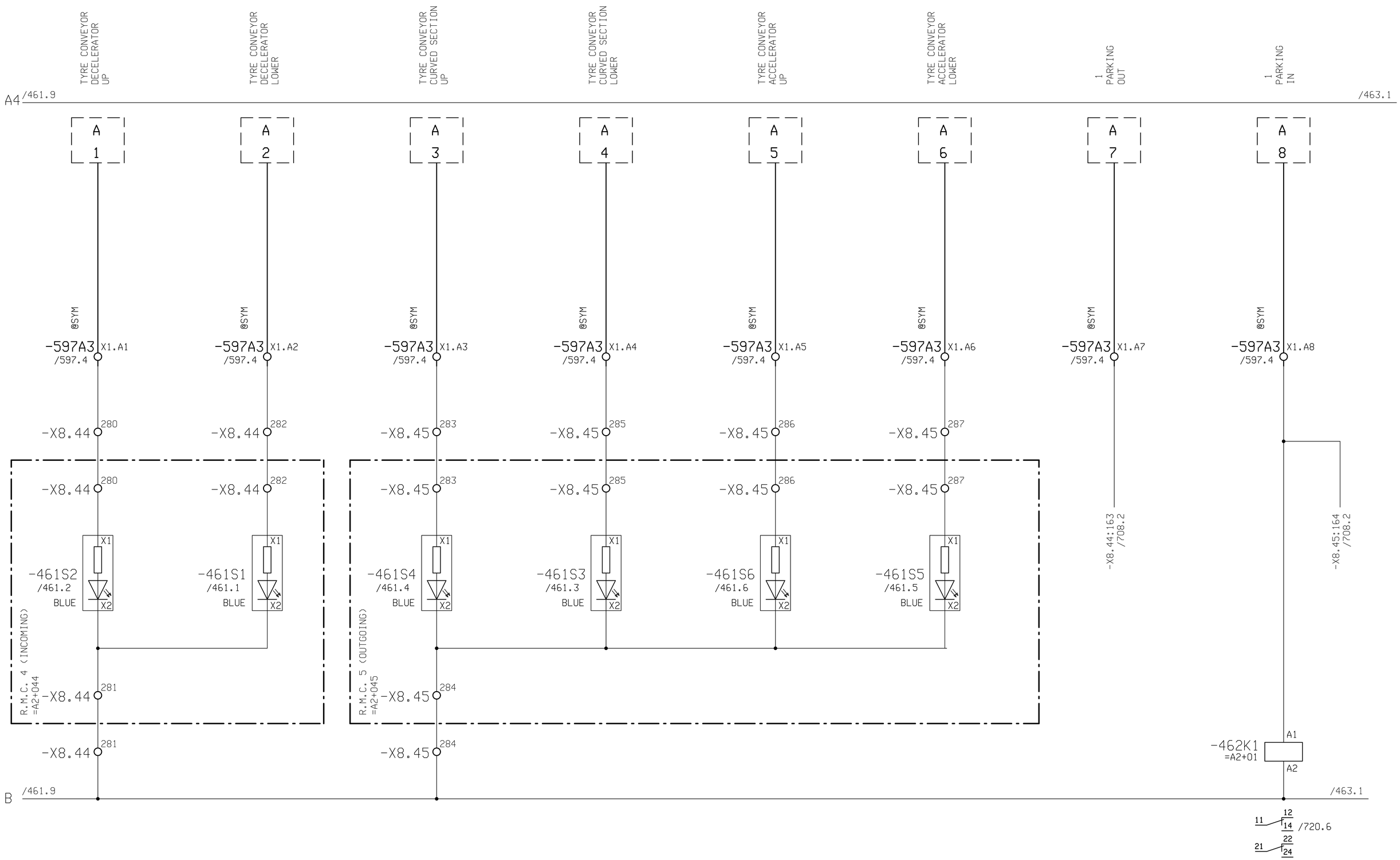
INPUT PLC BECKHOFF - BUTTONS - TYRE CONVEYOR

RETURN STATION | LV-CONTROL

=A2+01

Date	27.07.16
Sheet :	461
Cont.sheet:	462



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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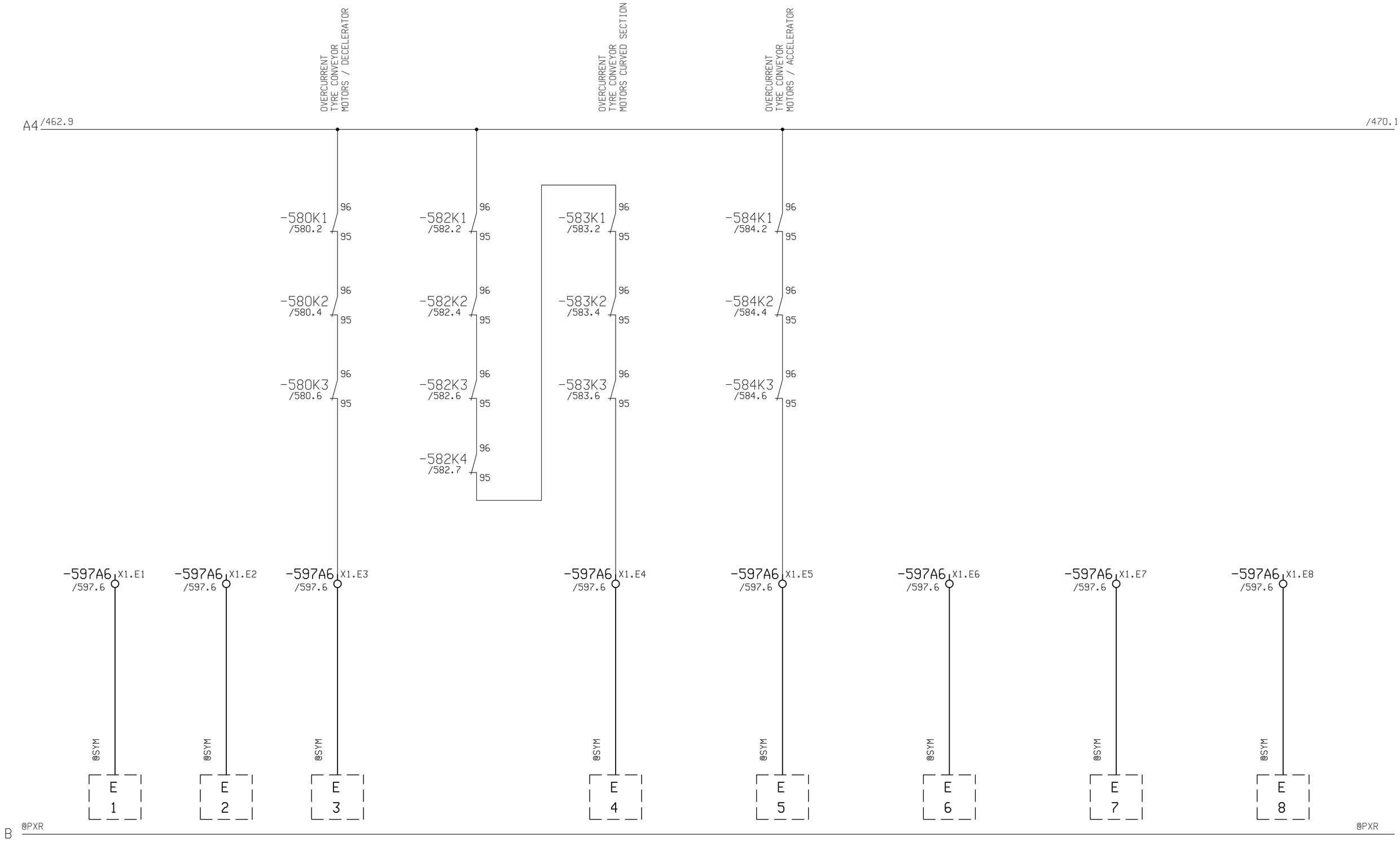
OUTPUT PLC BECKHOFF - CONTROL LIGHTS - TYRE CONVEYOR

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	462
Cont.sheet:	463



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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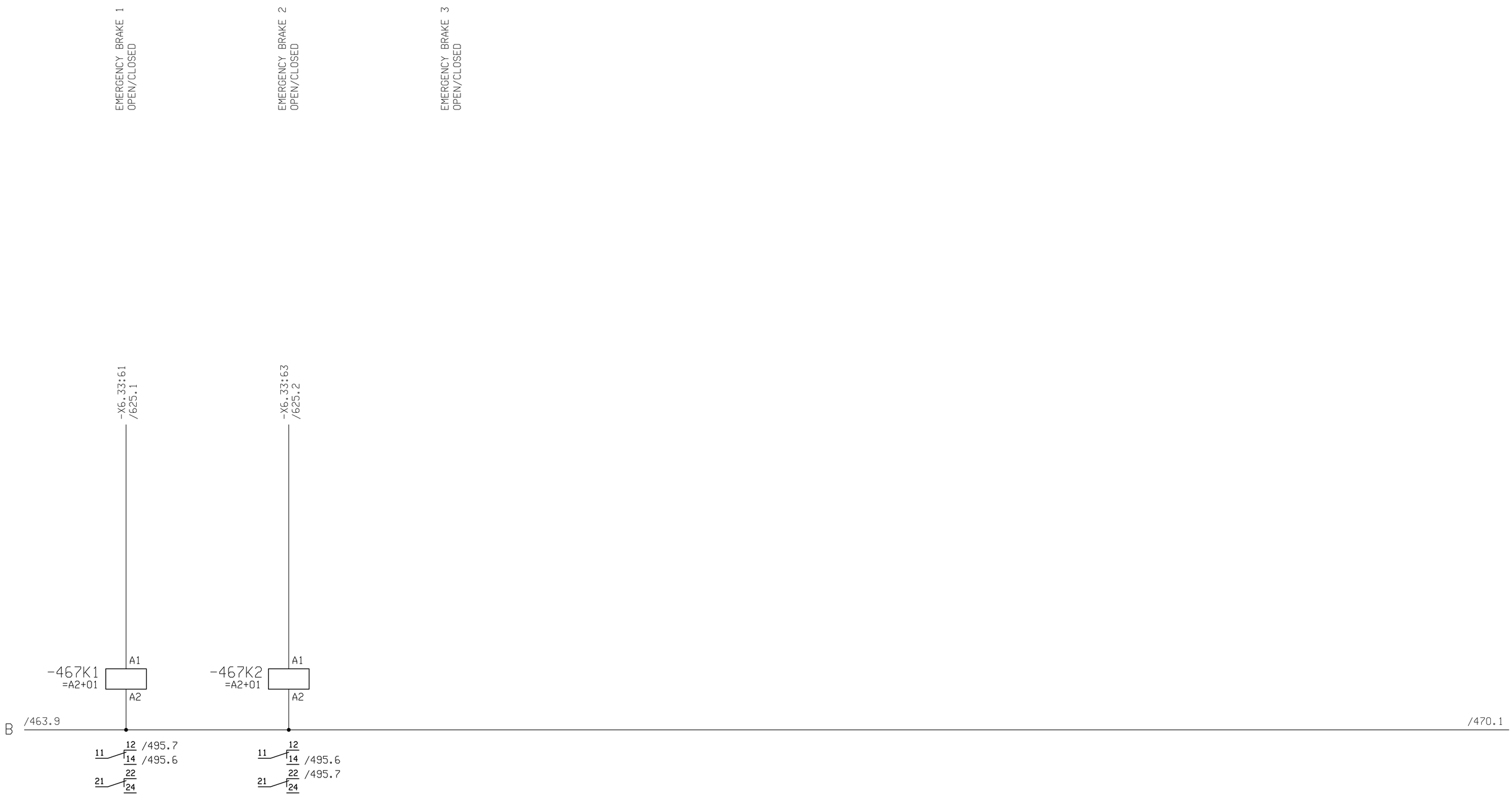
INPUT PLC BECKHOFF - OVERCURRENT - TYRE CONVEYOR

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	463
Cont.sheet:	467



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Date	20.01.17	Dr.ch.by	FMa
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LIMIT SWITCH BRAKE

RETURN STATION | LV-CONTROL

=A2+01

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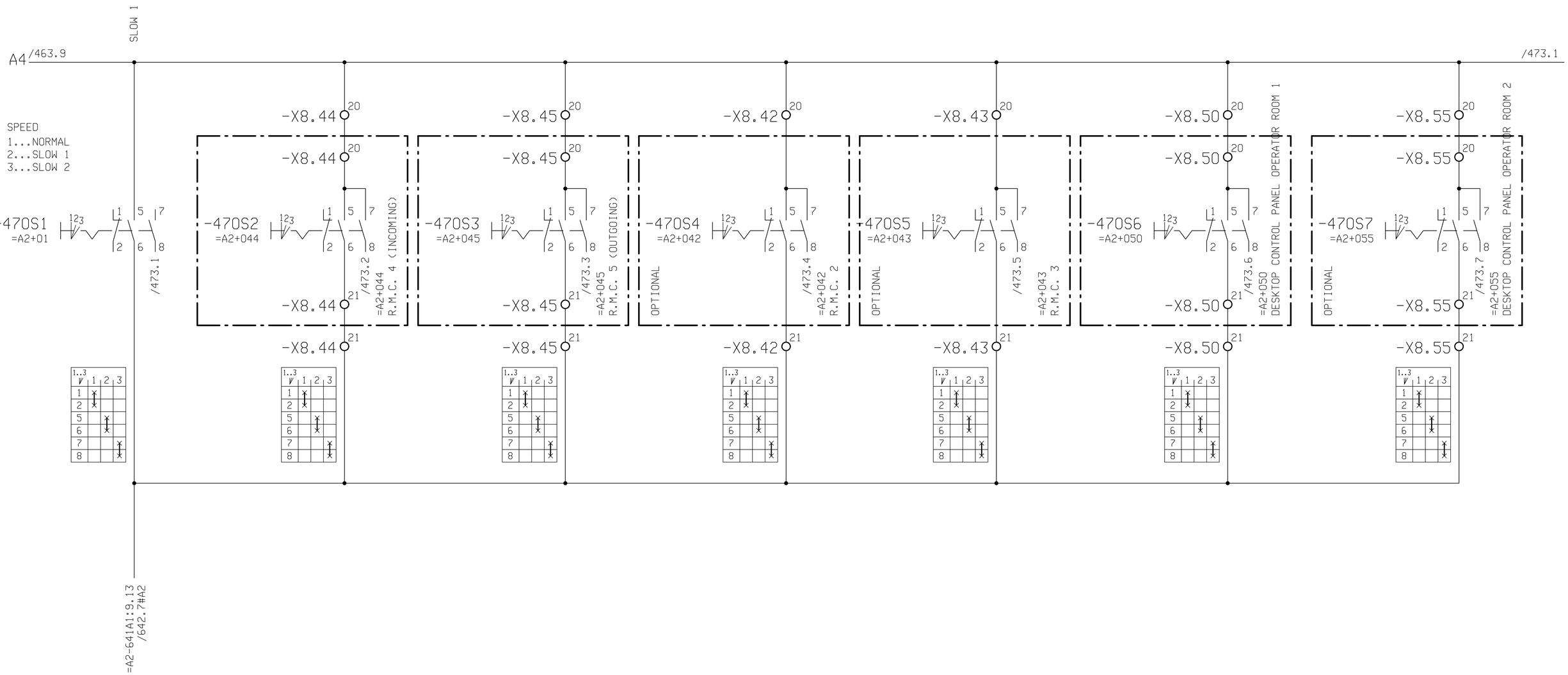
Cont.sheet:	470



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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SLOW 1

RETURN STATION | LV-CONTROL

=A2+01

Date	07.04.16
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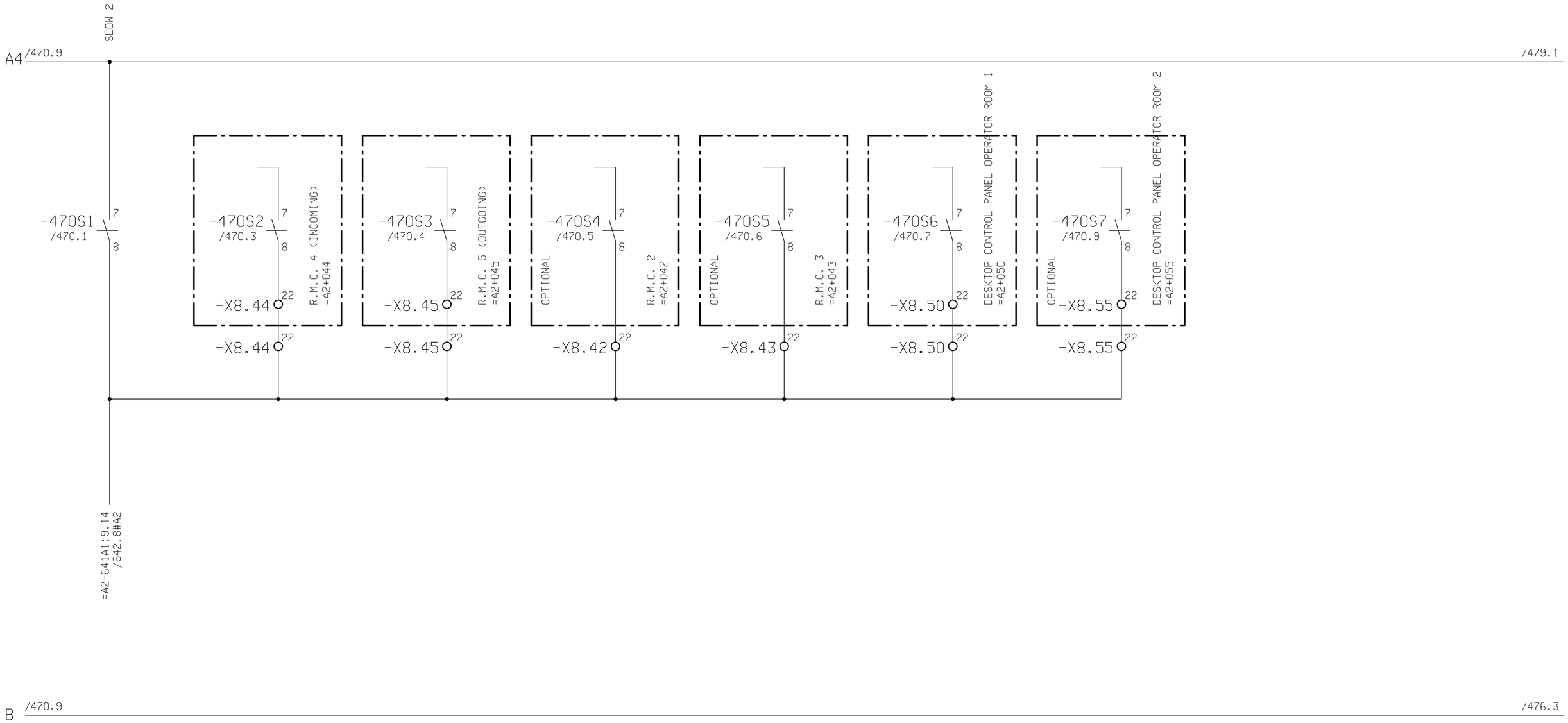
Cont.sheet:	473



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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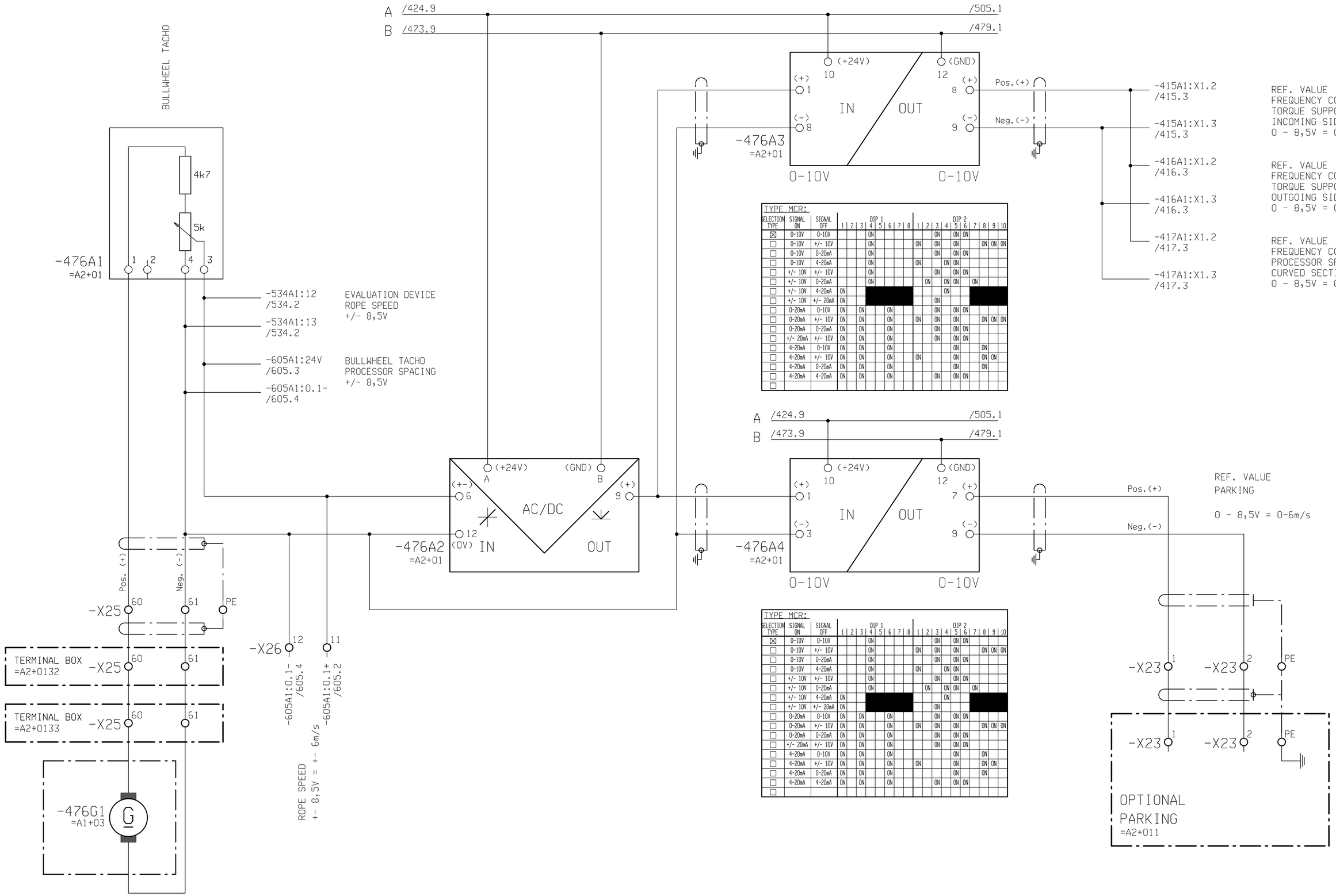
SLOW 2

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

TYPE MCR:

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

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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TACHO

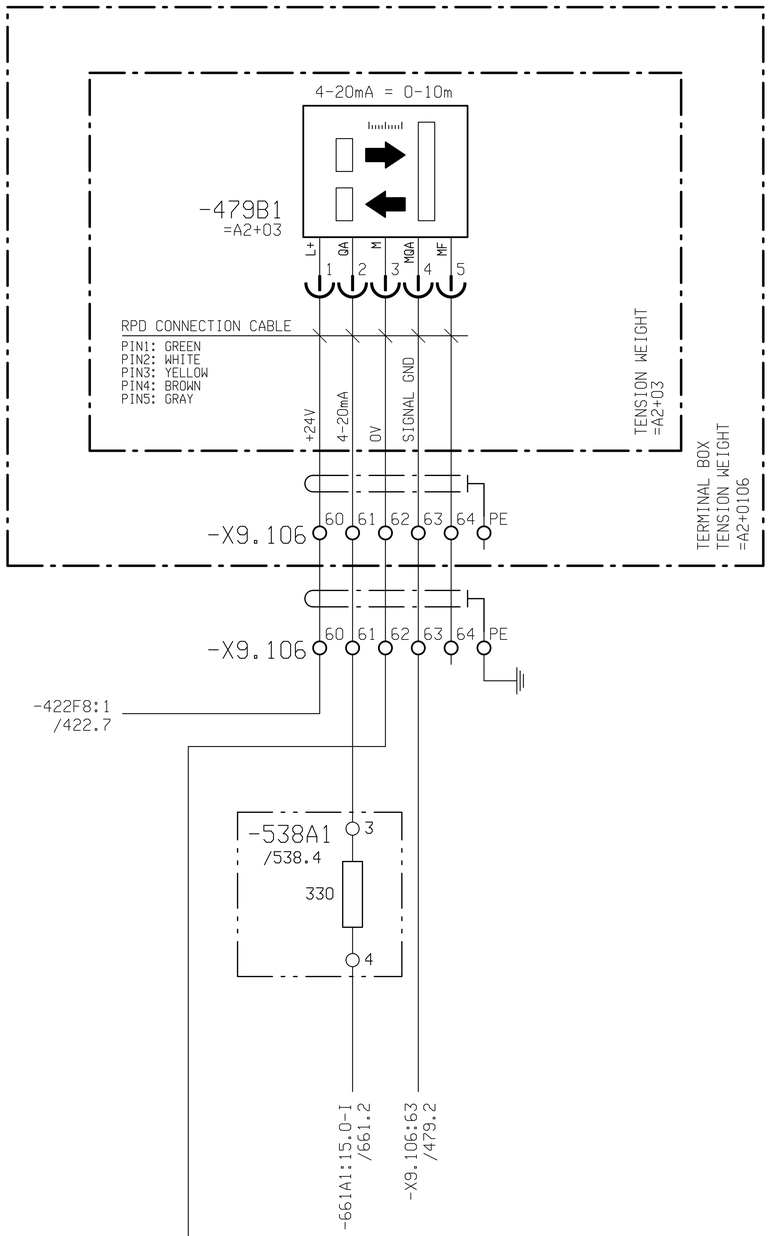
RETURN STATION | LV-CONTROL

=A2+01

Date	20.01.17
Sheet :	476
Cont.sheet:	479

LASER DISTANCE SENSOR
POS. TENSION WEIGHT

A4 /473.9 /480.1



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Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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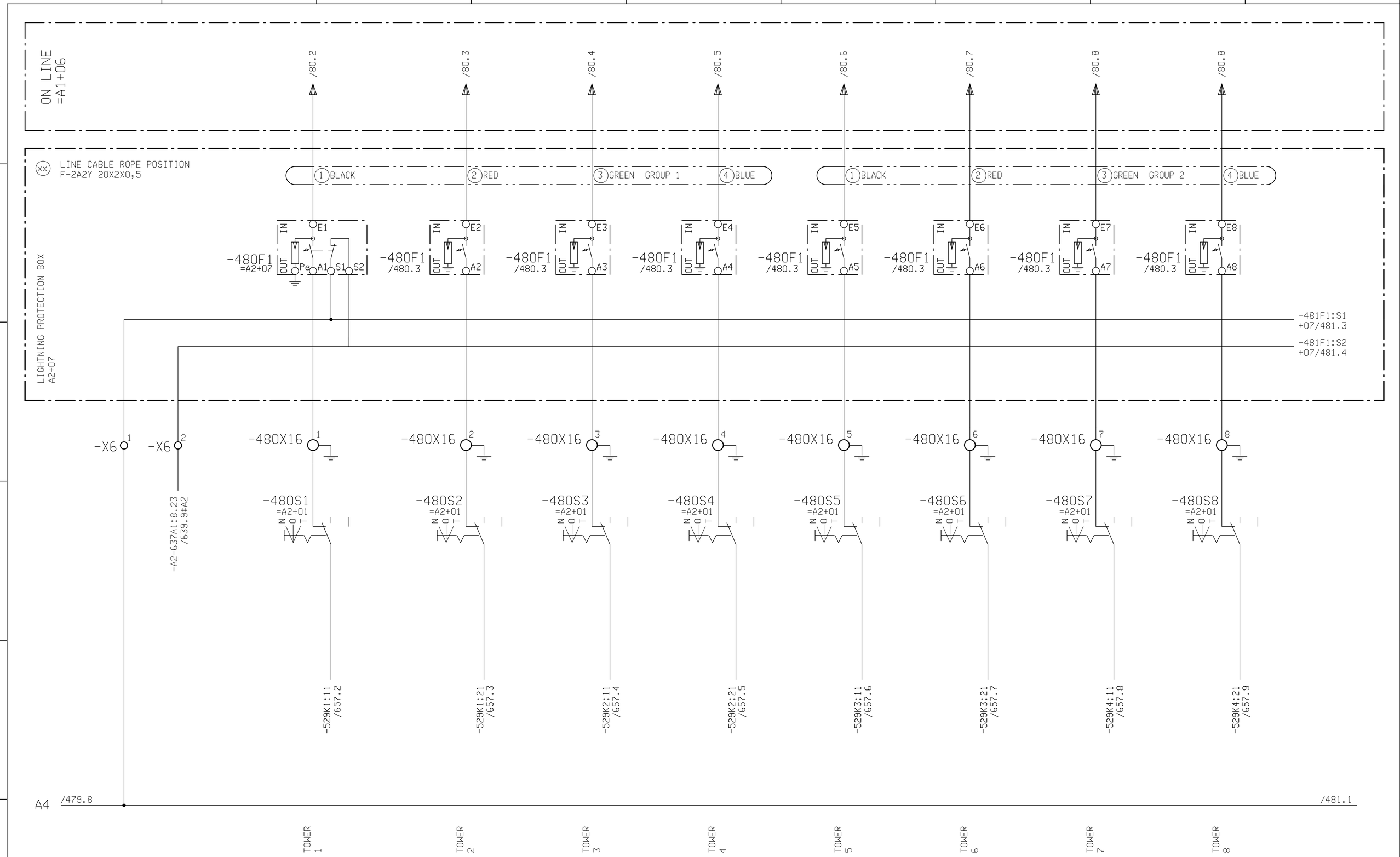
TRANSMITTER POS. TENSION WEIGHT

RETURN STATION | LV-CONTROL

=A2+01

Date	20.01.17
Sheet :	479
Cont.sheet:	480



Revision	2.0	Drawn by	SST
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File:	GEWAA4185		

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ROPE POSITION MONITORING

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	480
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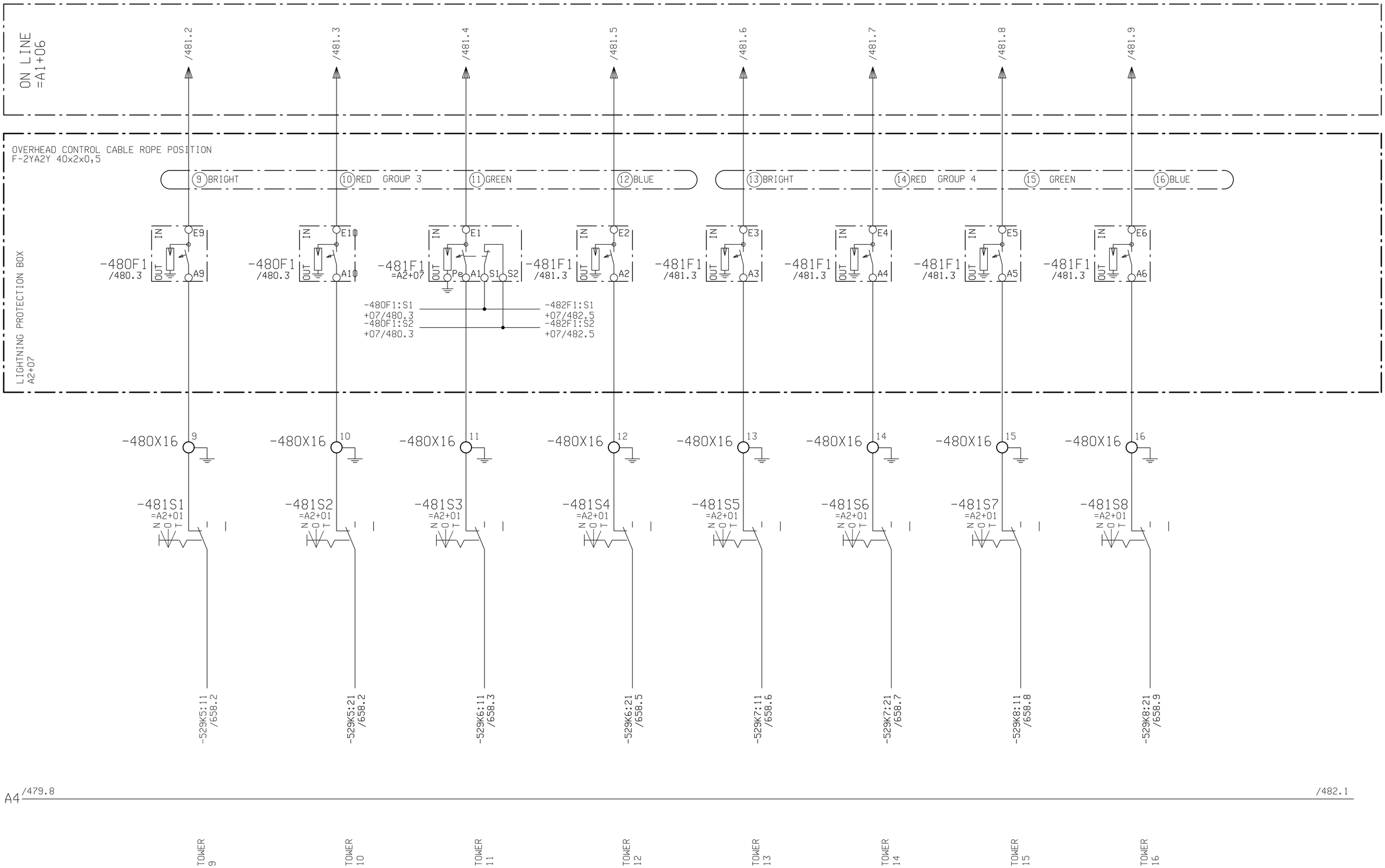

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

10-MGD BaNa4
WAA0004185
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ROPE POSITION MONITORING

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
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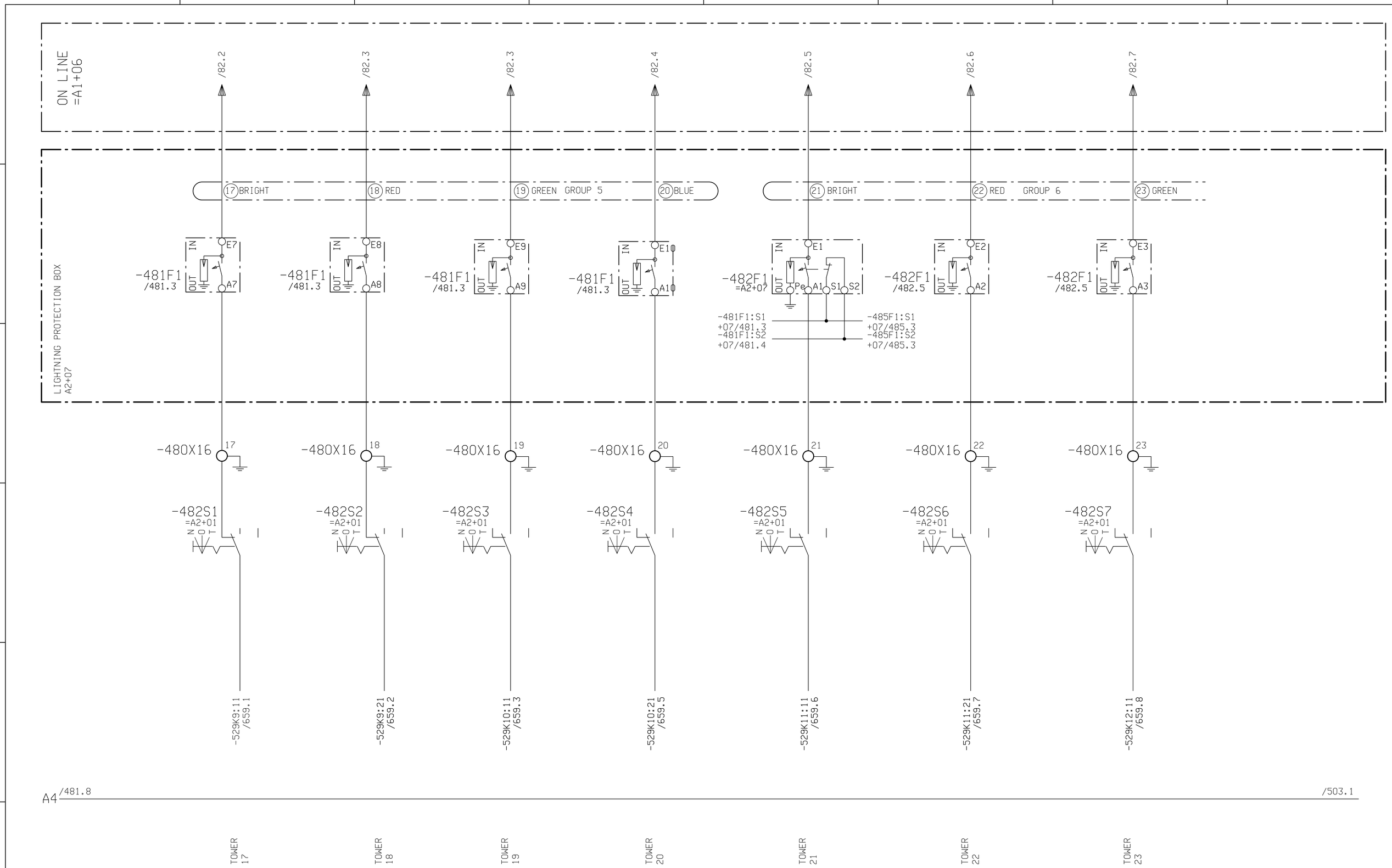

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

10-MGD BaNa4
WAA0004185
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ROPE POSITION MONITORING

RETURN STATION | LV-CONTROL

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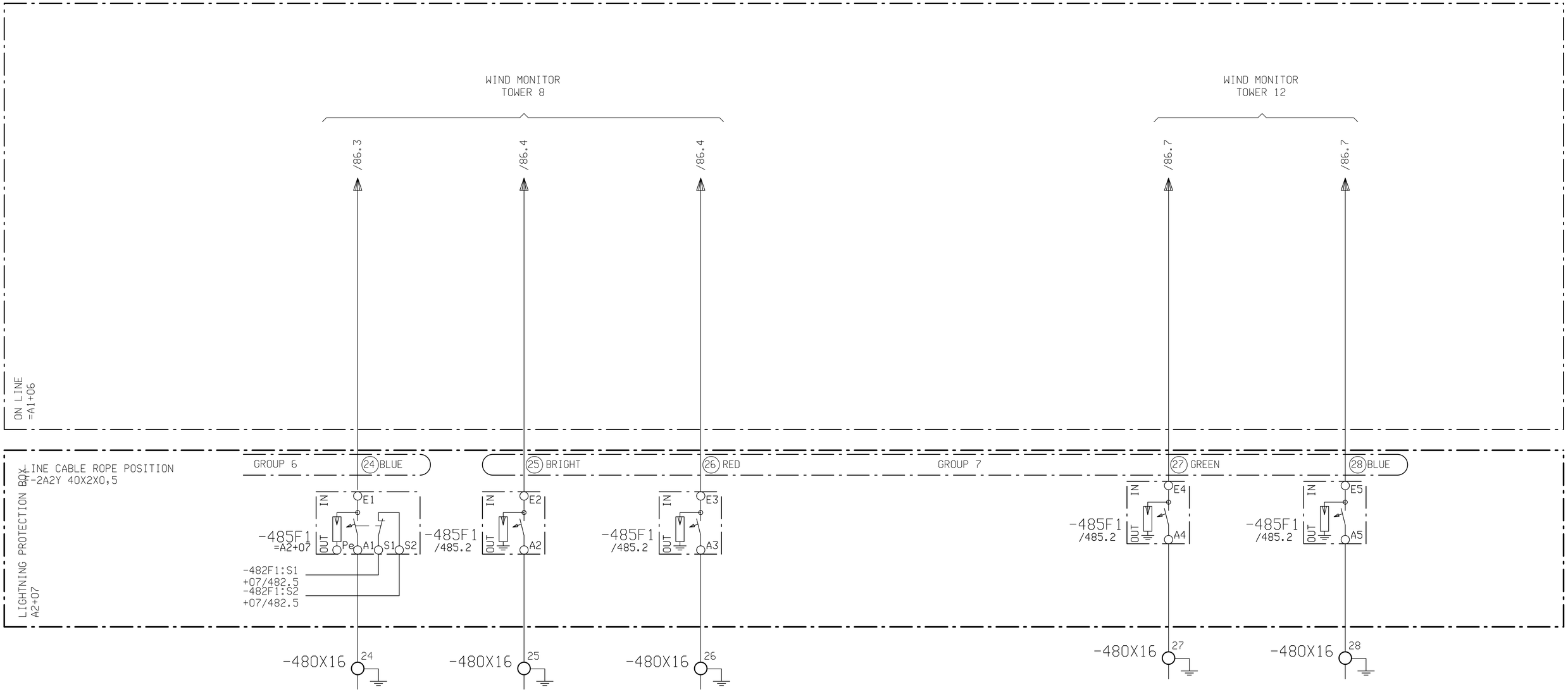

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

10-MGD BaNa4
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WIND WARNING

RETURN STATION | LV-CONTROL

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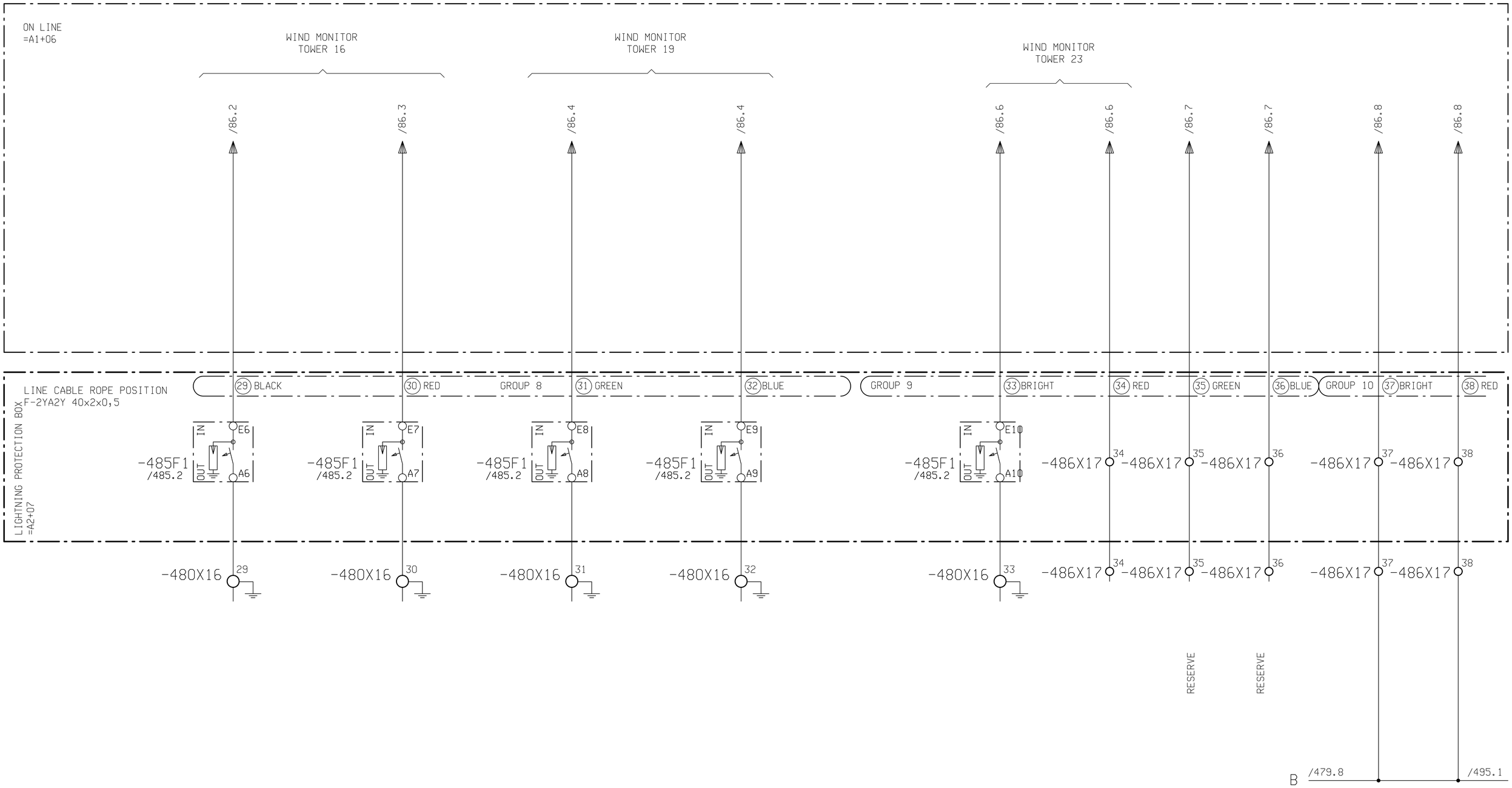

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

10-MGD BaNa4
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WIND WARNING

RETURN STATION | LV-CONTROL

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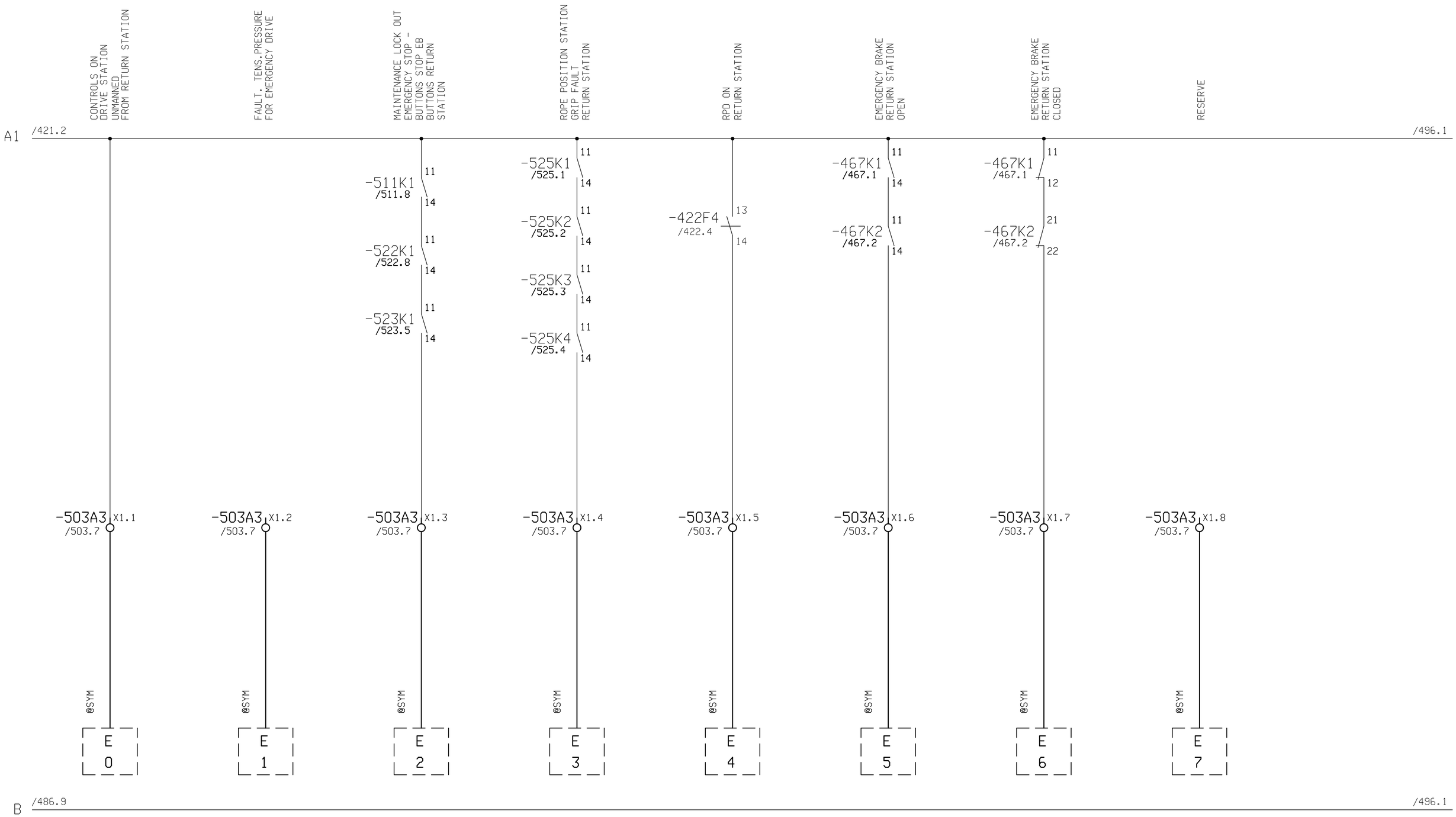

Revision	2.0	Drawn by	SST
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File:	GEWAA4185		

10-MGD BaNa4
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CONNECTIONS DRIVE STATION FIBER OPTIC CABLE - CONVERTER TRANSMITTER

RETURN STATION | LV-CONTROL

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Date	10.05.17
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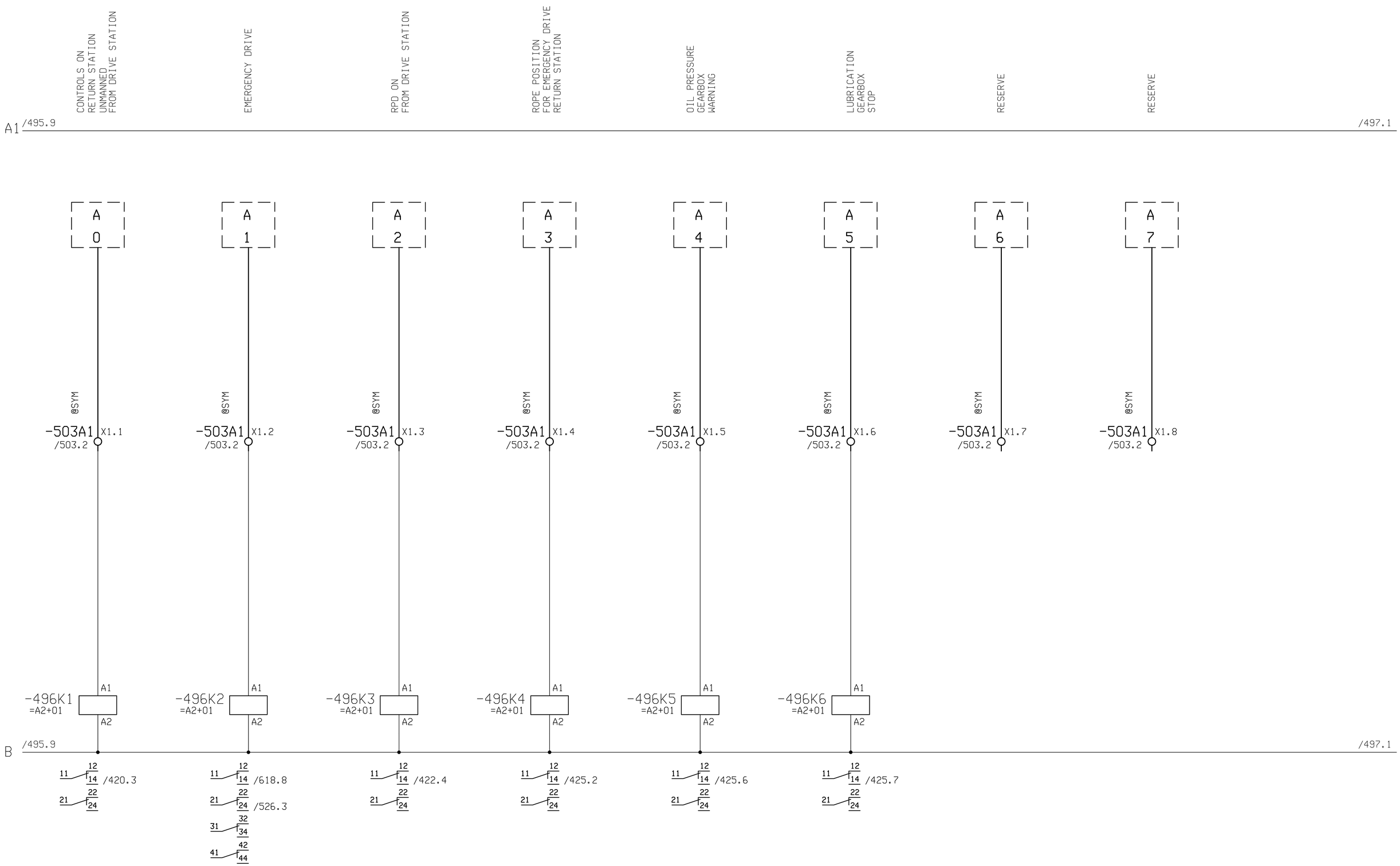

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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CONNECTIONS DRIVE STATION FIBER OPTIC CABLE - CONVERTER RECEIVER

RETURN STATION | LV-CONTROL

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Date	17.06.16
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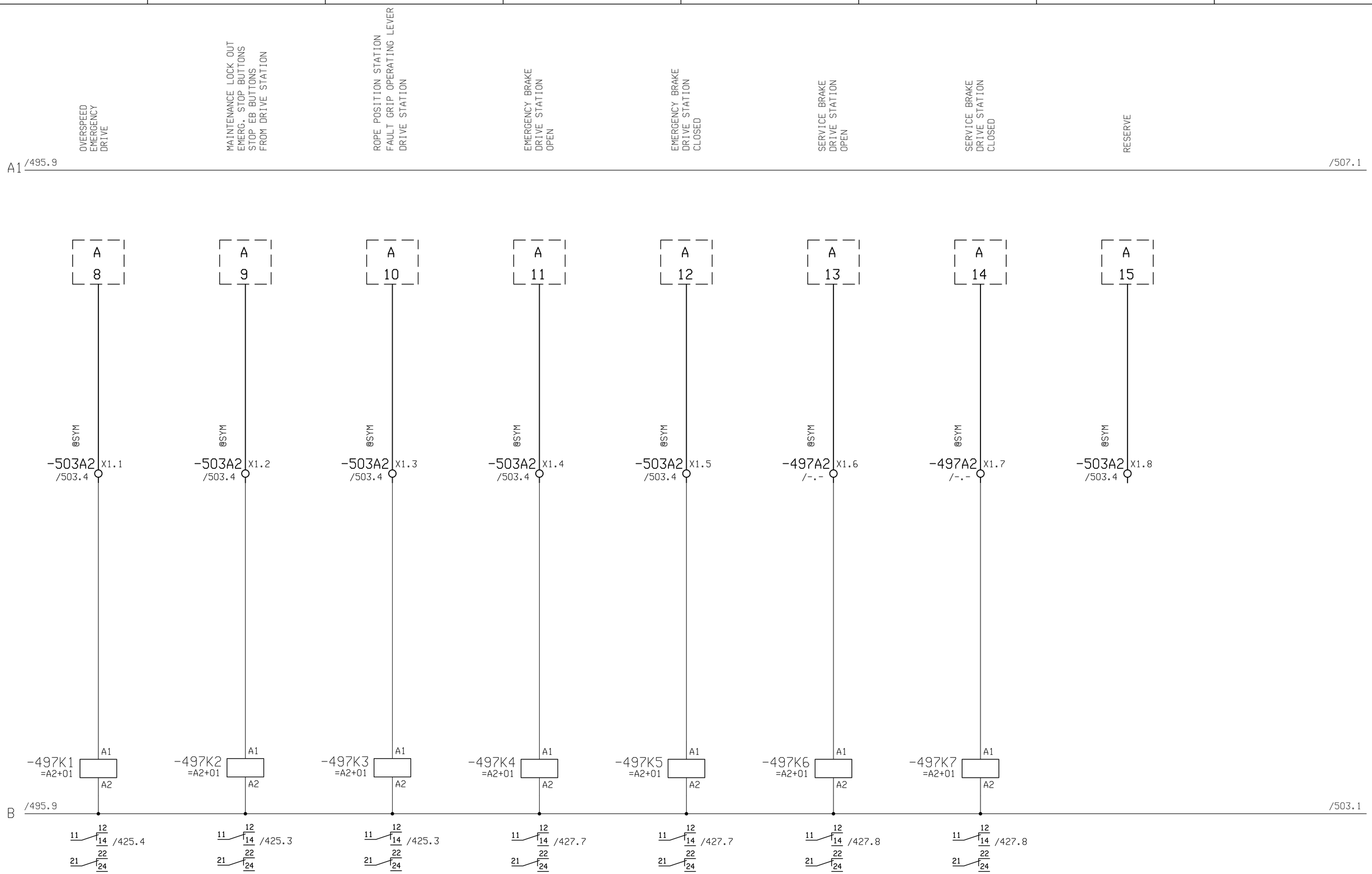

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

10-MGD BaNa4
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CONNECTIONS DRIVE STATION FIBER OPTIC CABLE - CONVERTER RECEIVER

RETURN STATION | LV-CONTROL

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Sheet :	497
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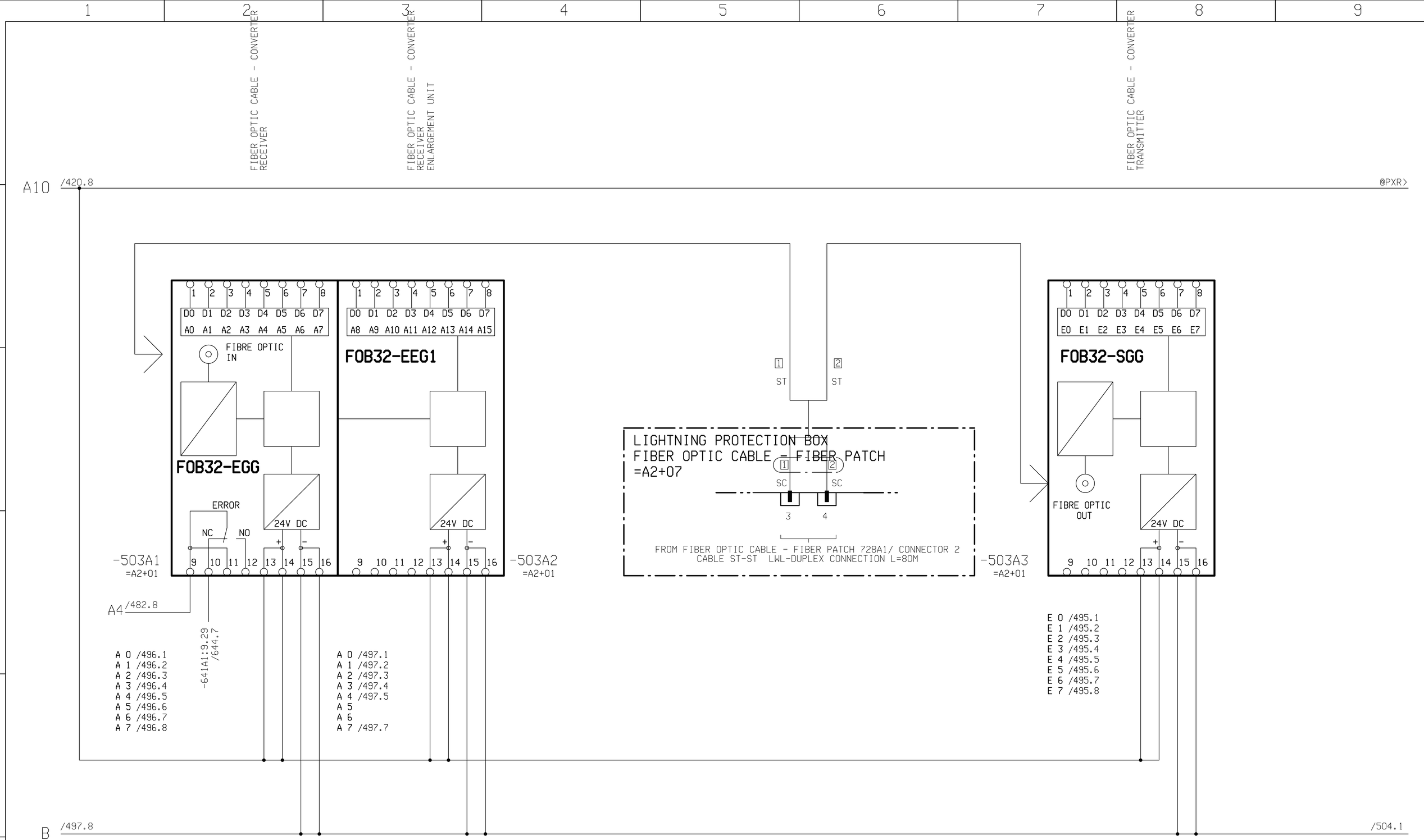

ACHTUNG! EMPFANGSEINHEIT UND SENDEEINHEIT DÜRFEN NICHT
ZUSAMMENGESTECKT WERDEN --> KLEMME ZWISCHEN DIE ZWEI EINHEITEN MONTIEREN!

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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FIBER OPTIC CABLE - CONVERTER TRANSMITTER RECEIVER

RETURN STATION | LV-CONTROL

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Date	08.06.16
Sheet :	503
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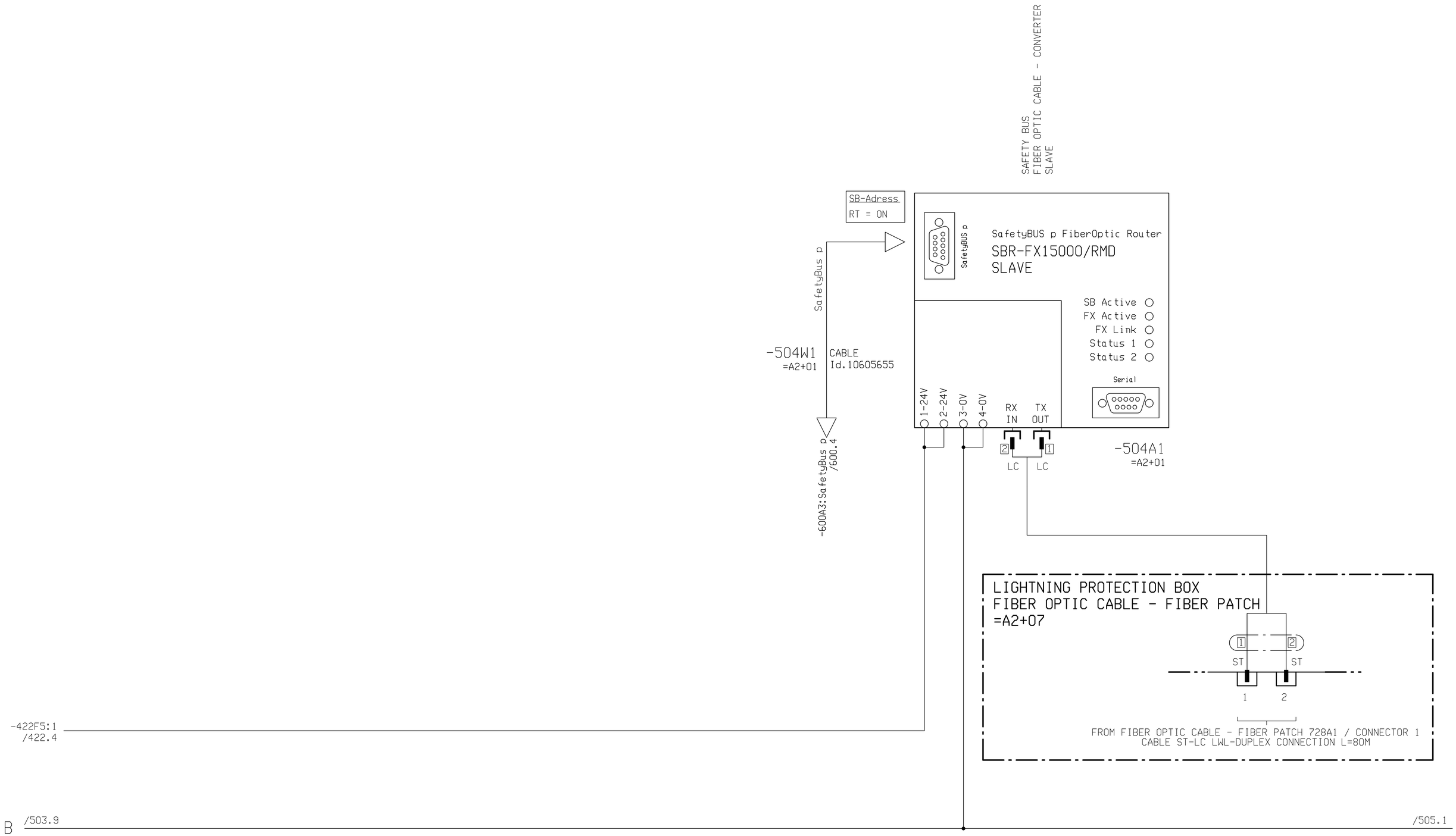

Revision	2.0	Drawn by	SST
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FIBER OPTIC CABLE - CONVERTER

RETURN STATION | LV-CONTROL

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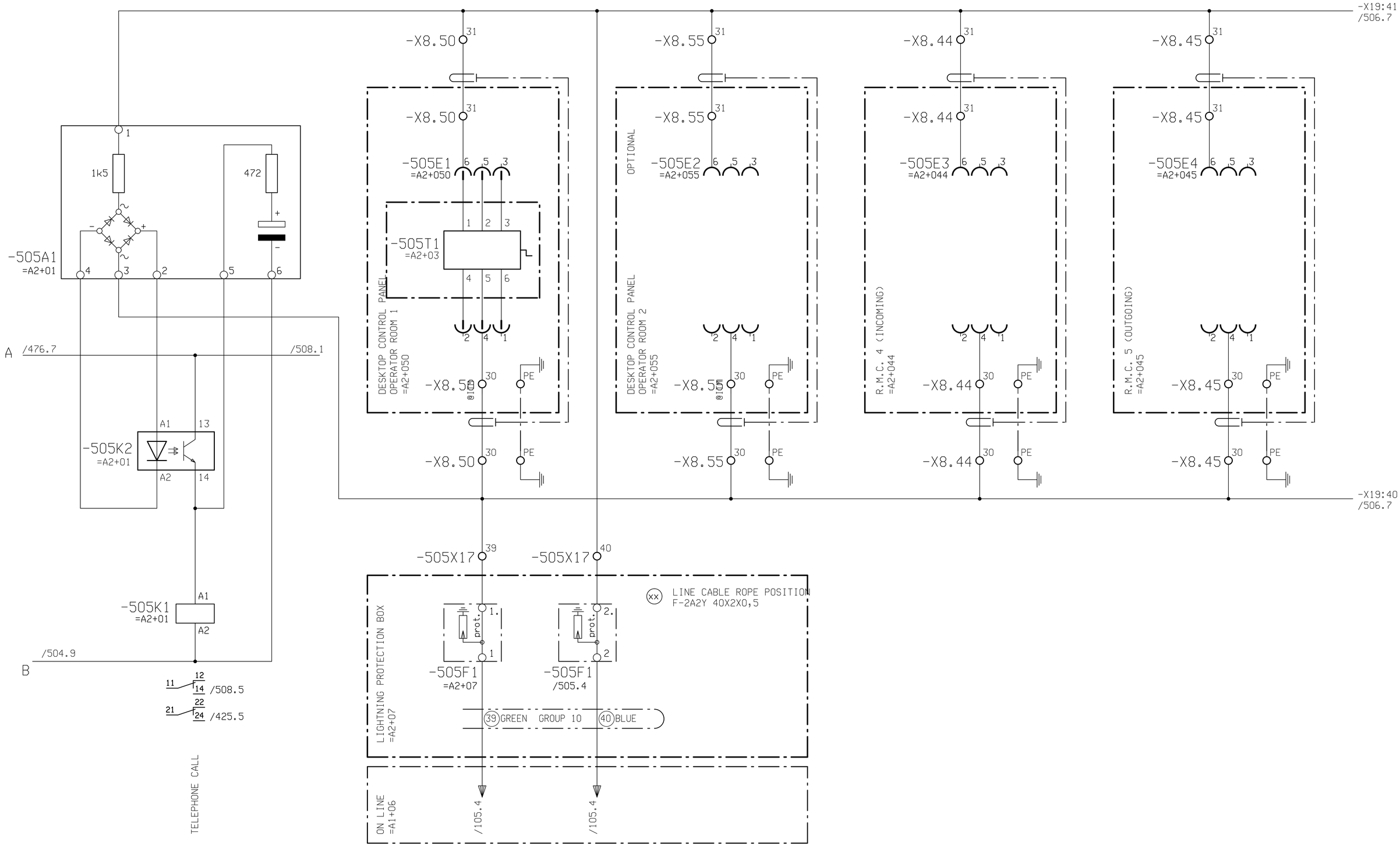

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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TELEPHONE

RETURN STATION | LV-CONTROL

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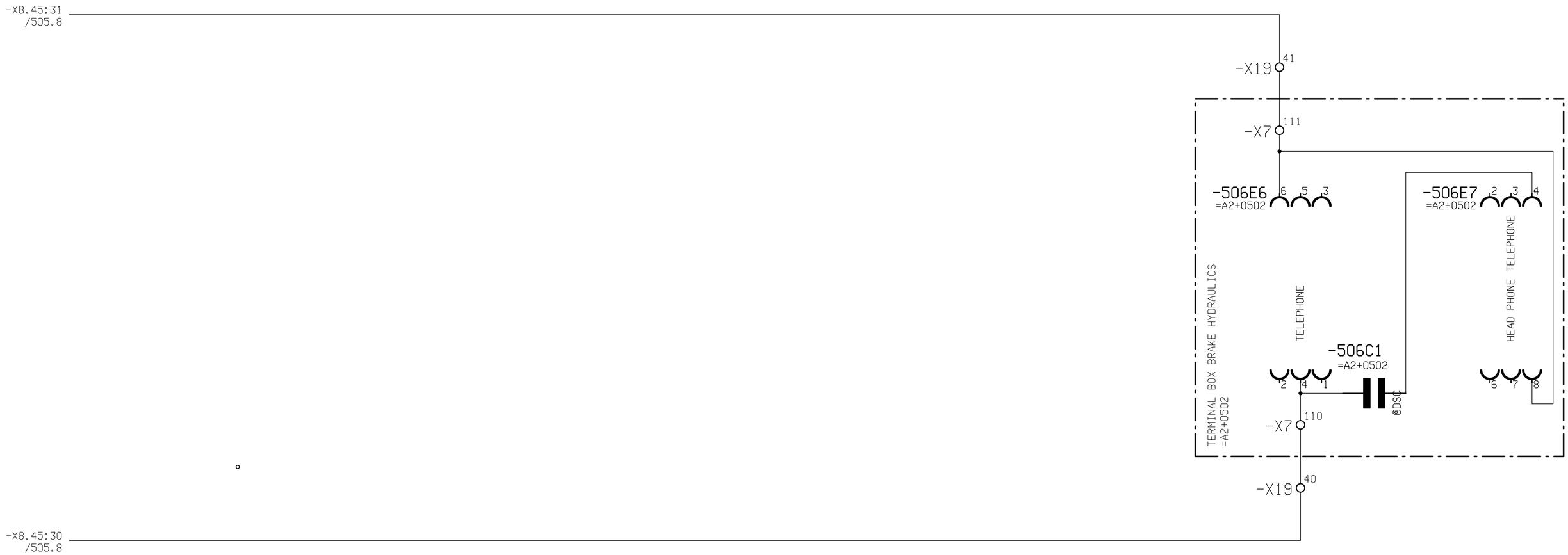
Date	18.10.16
Sheet :	505
Cont.sheet:	506



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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TELEPHONE

RETURN STATION

LV-CONTROL

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Date	08.06.16
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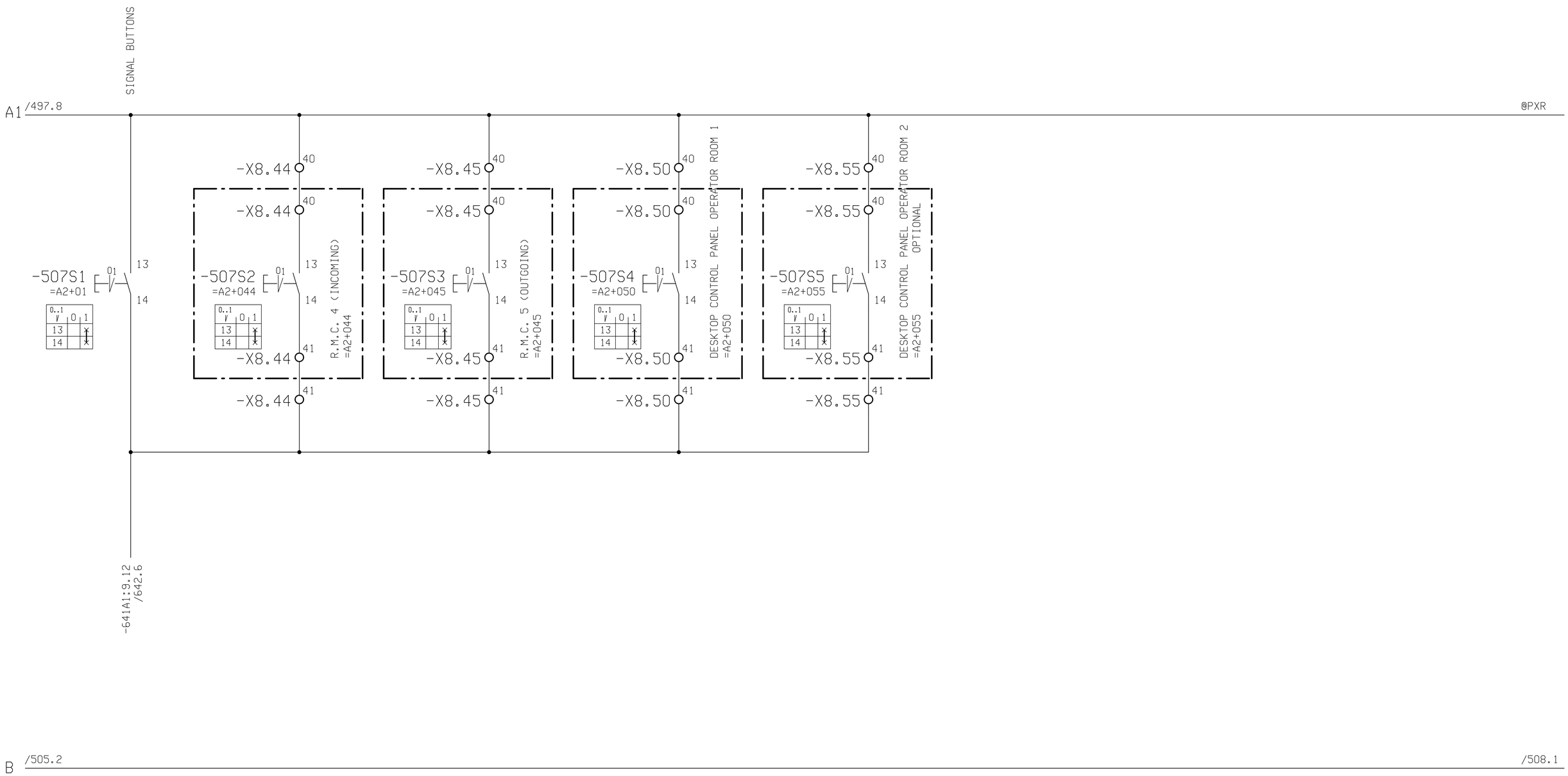
Cont.sheet:	507



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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SIGNAL BUTTONS

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Date	08.06.16
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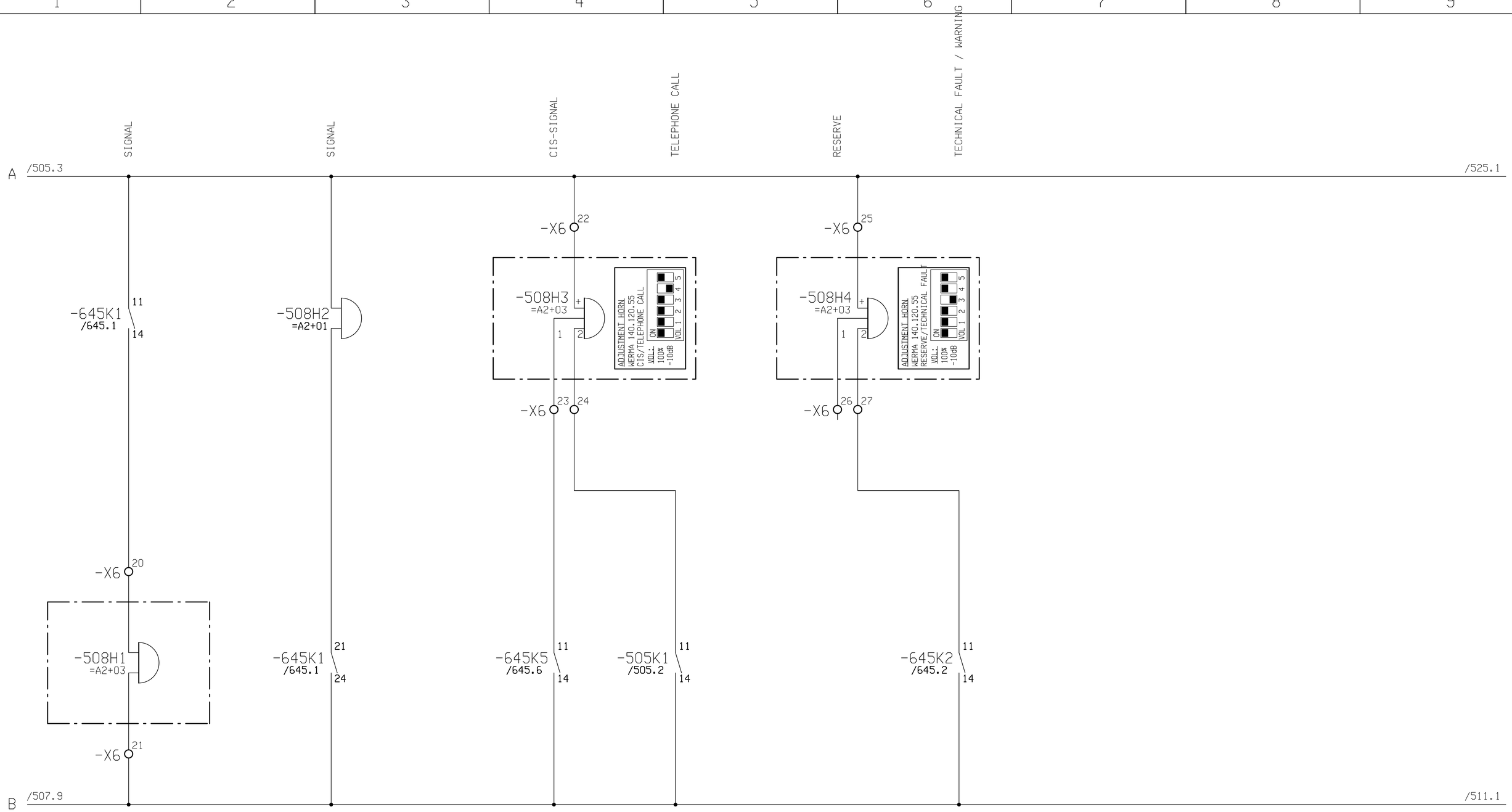

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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SIGNAL

RETURN STATION | LV-CONTROL

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Date	21.03.16
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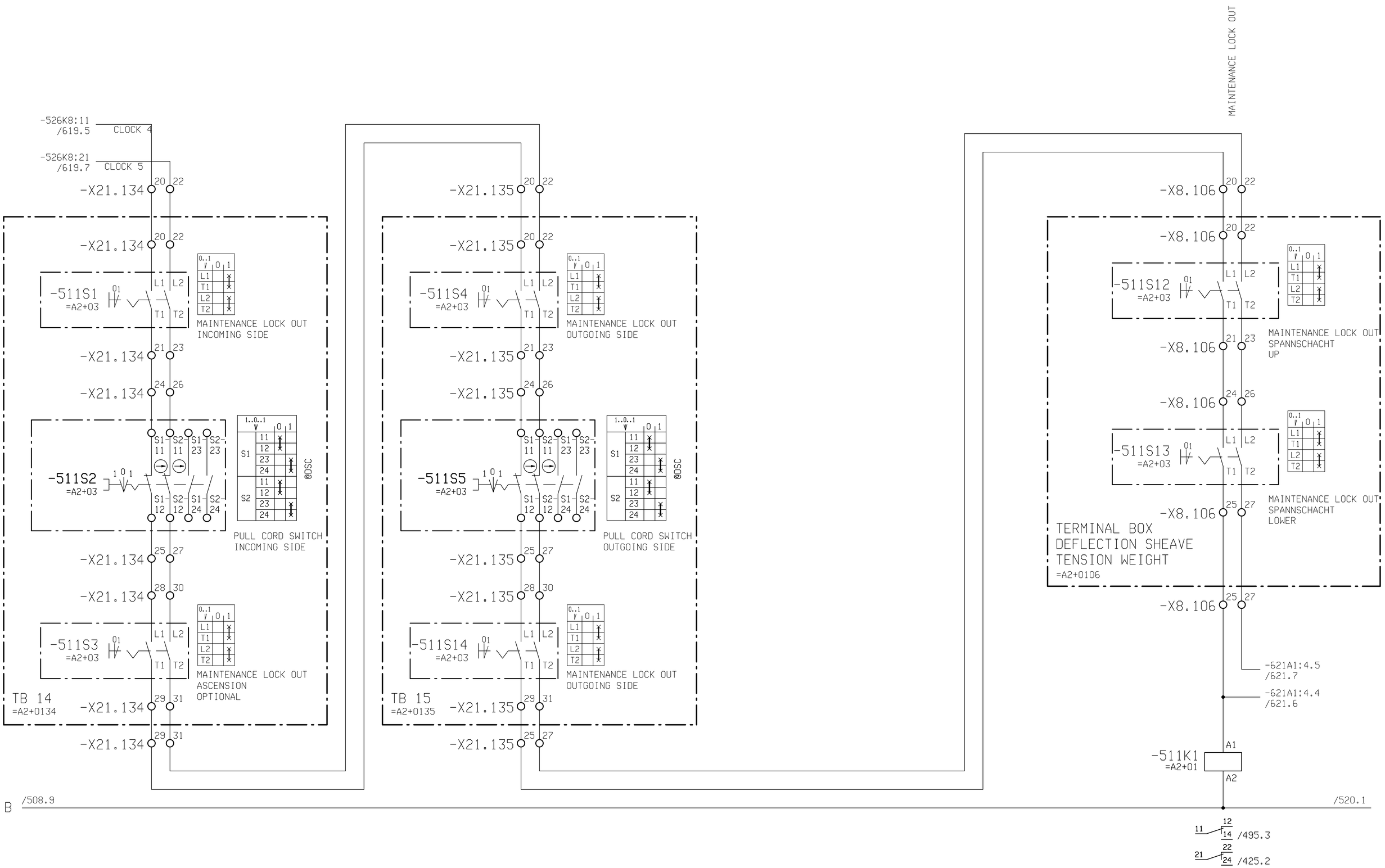
Cont.sheet:	511



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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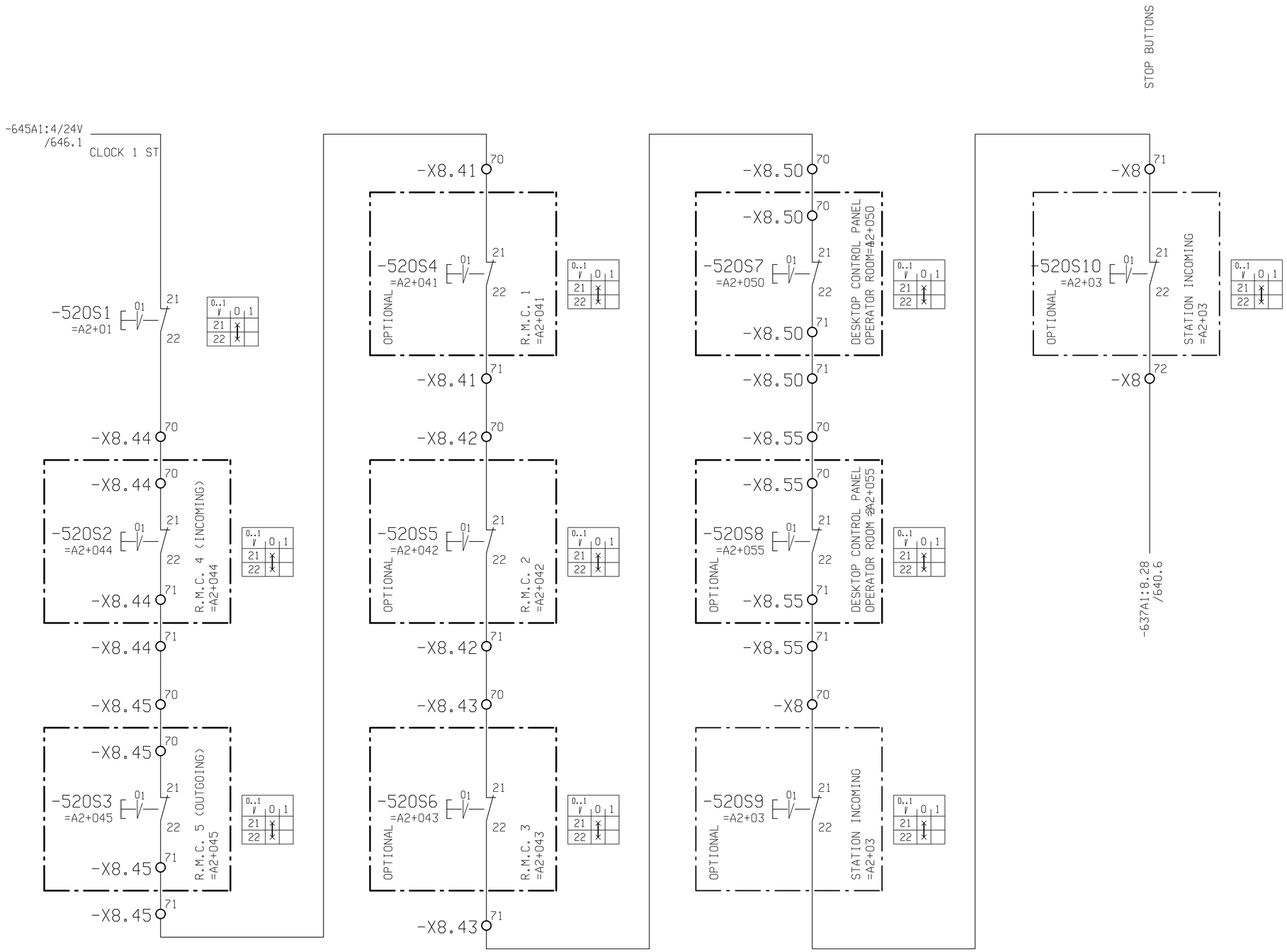
MAINTENANCE LOCK OUT

RETURN STATION | LV-CONTROL

=A2+01

Date	20.01.17
Sheet :	511
Cont.sheet:	520



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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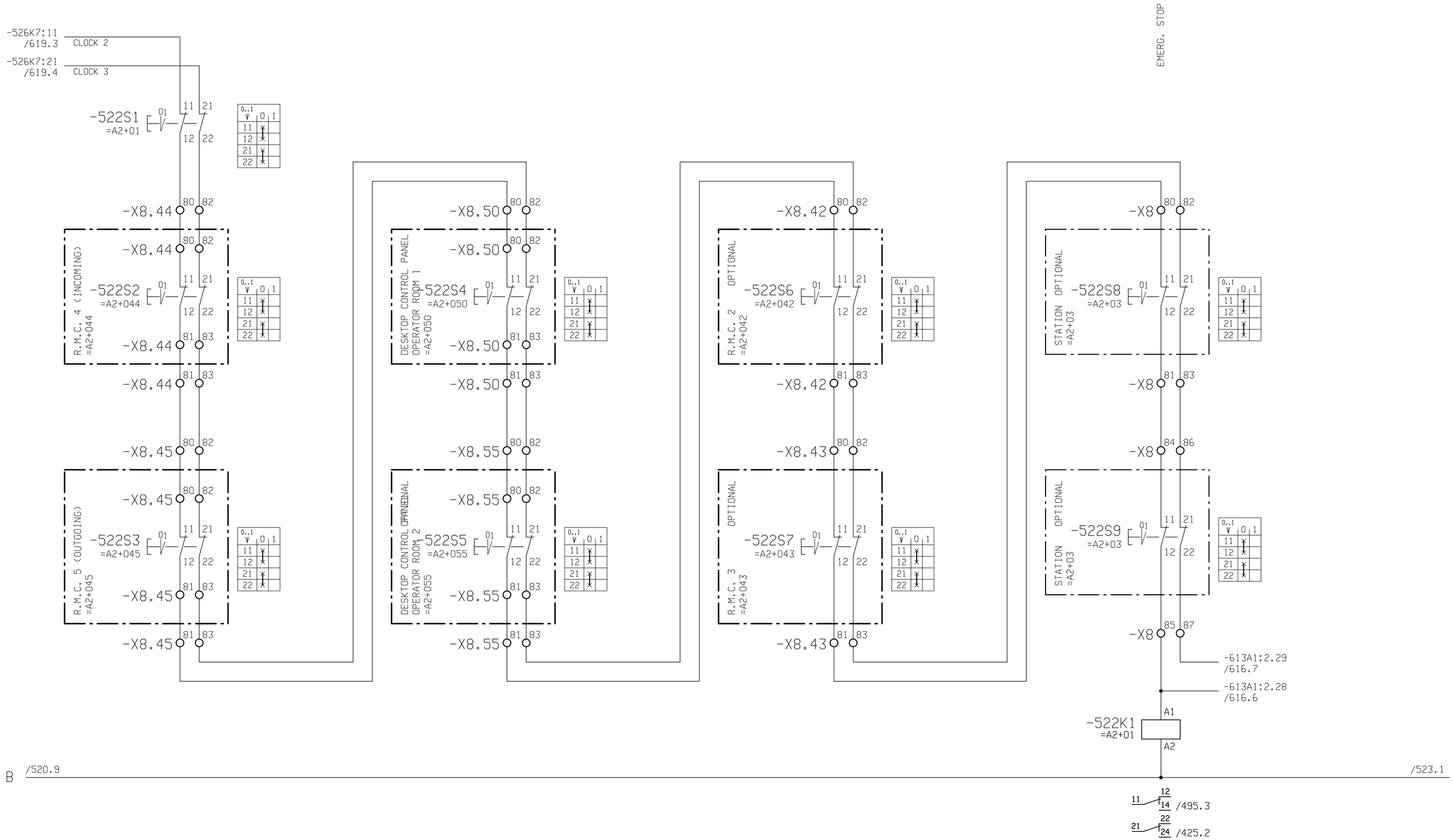
STOP BUTTONS

RETURN STATION | LV-CONTROL

=A2+01

Date	08.04.16
Sheet :	520
Cont.sheet:	522



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

10-MGD BaNa4
WAA0004185
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EMERG. STOP BUTTONS

RETURN STATION | LV-CONTROL

=A2+01

Date	08.06.16
Sheet :	522
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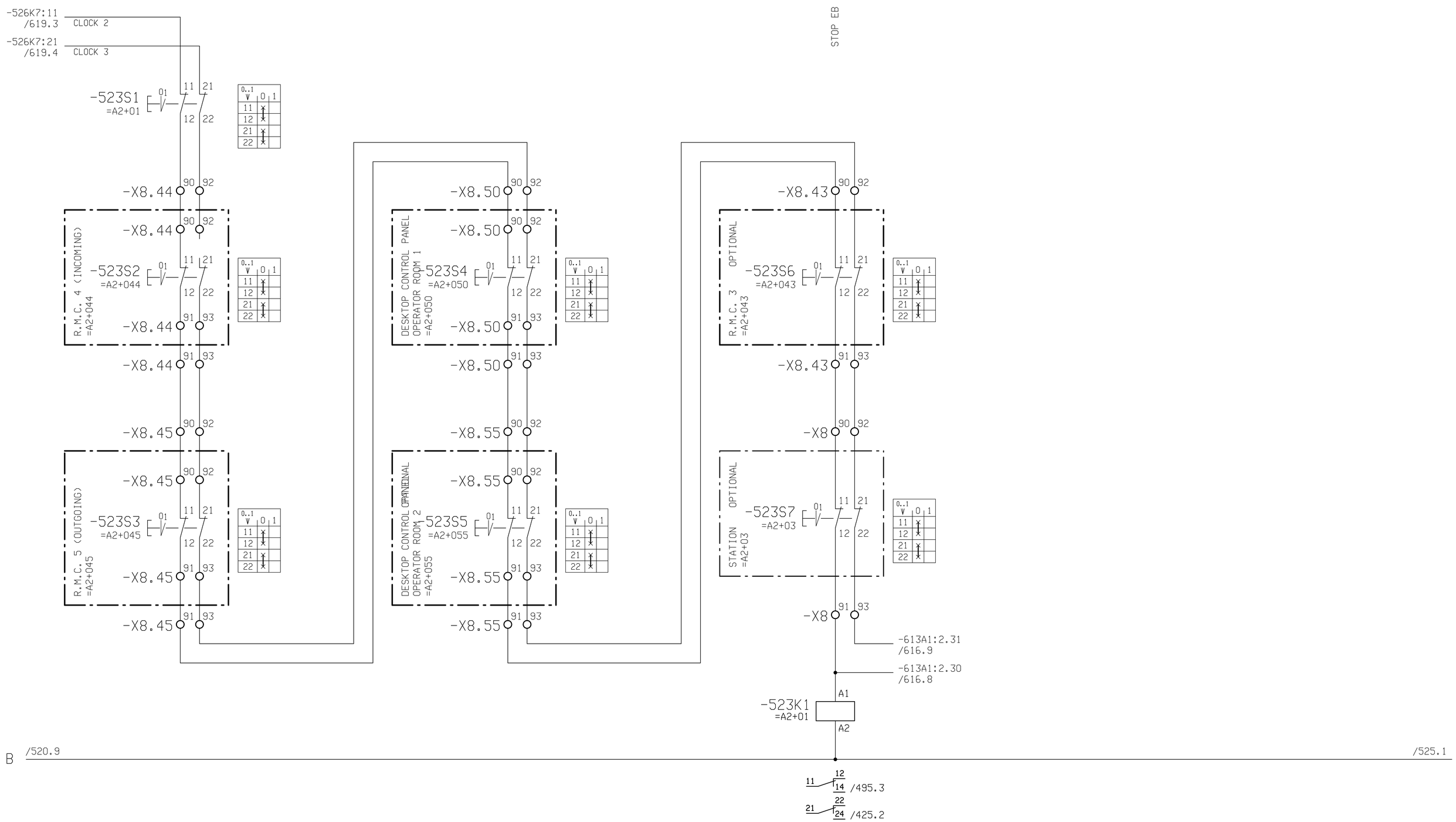

Revision	2.0	Drawn by	SST	10-MGD BaNa4	STOP EB BUTTONS	=A2+01
Date	20.01.17	Dr.ch.by	FMa	WAA0004185		Date 27.07.16
File:	GEWAA4185			DANANG / VIETNAM	RETURN STATION / LV-CONTROL	Sheet : 523
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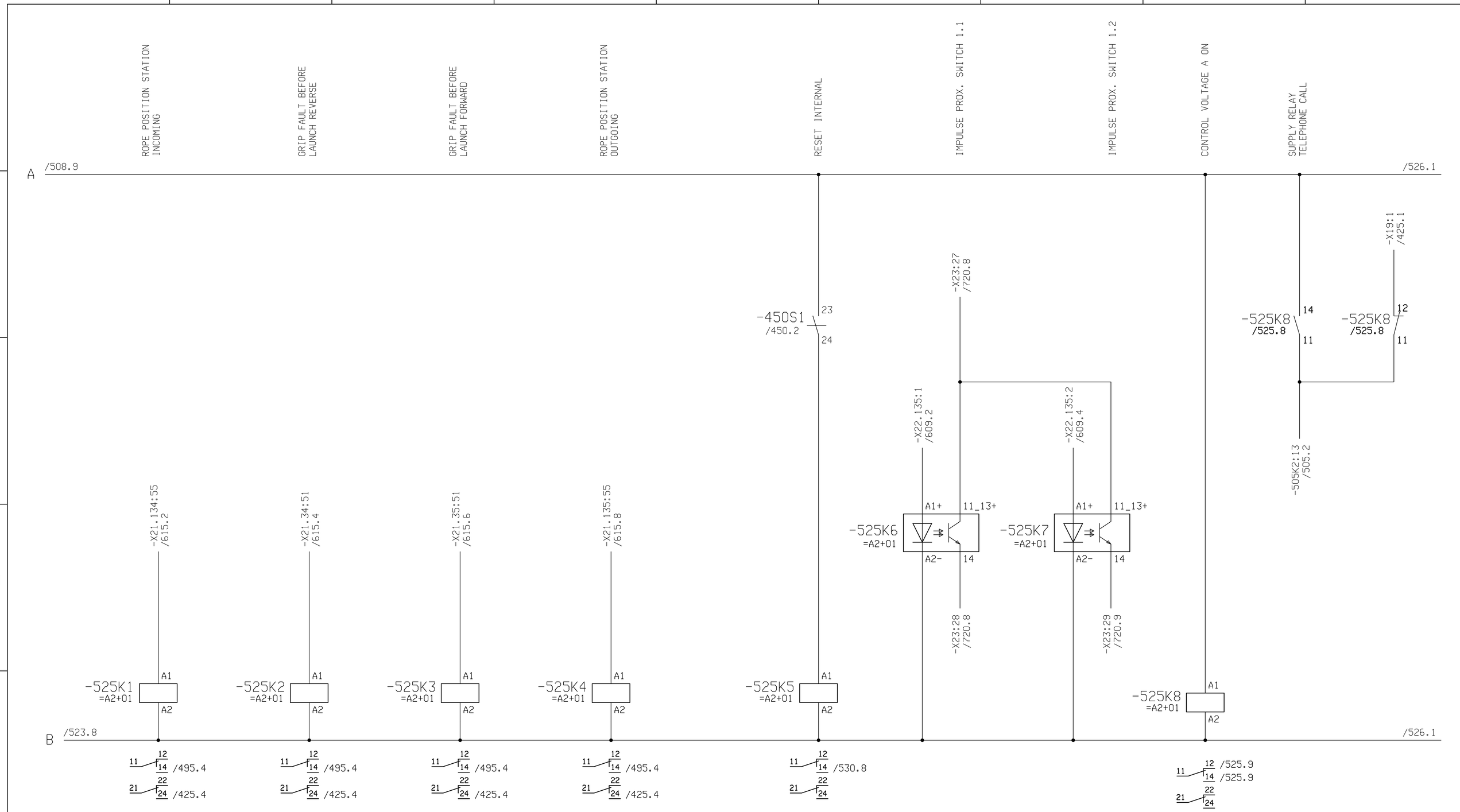

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

10-MGD BaNa4
WAA0004185
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RELAY

RETURN STATION | LV-CONTROL

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Date	09.06.16
Sheet :	525
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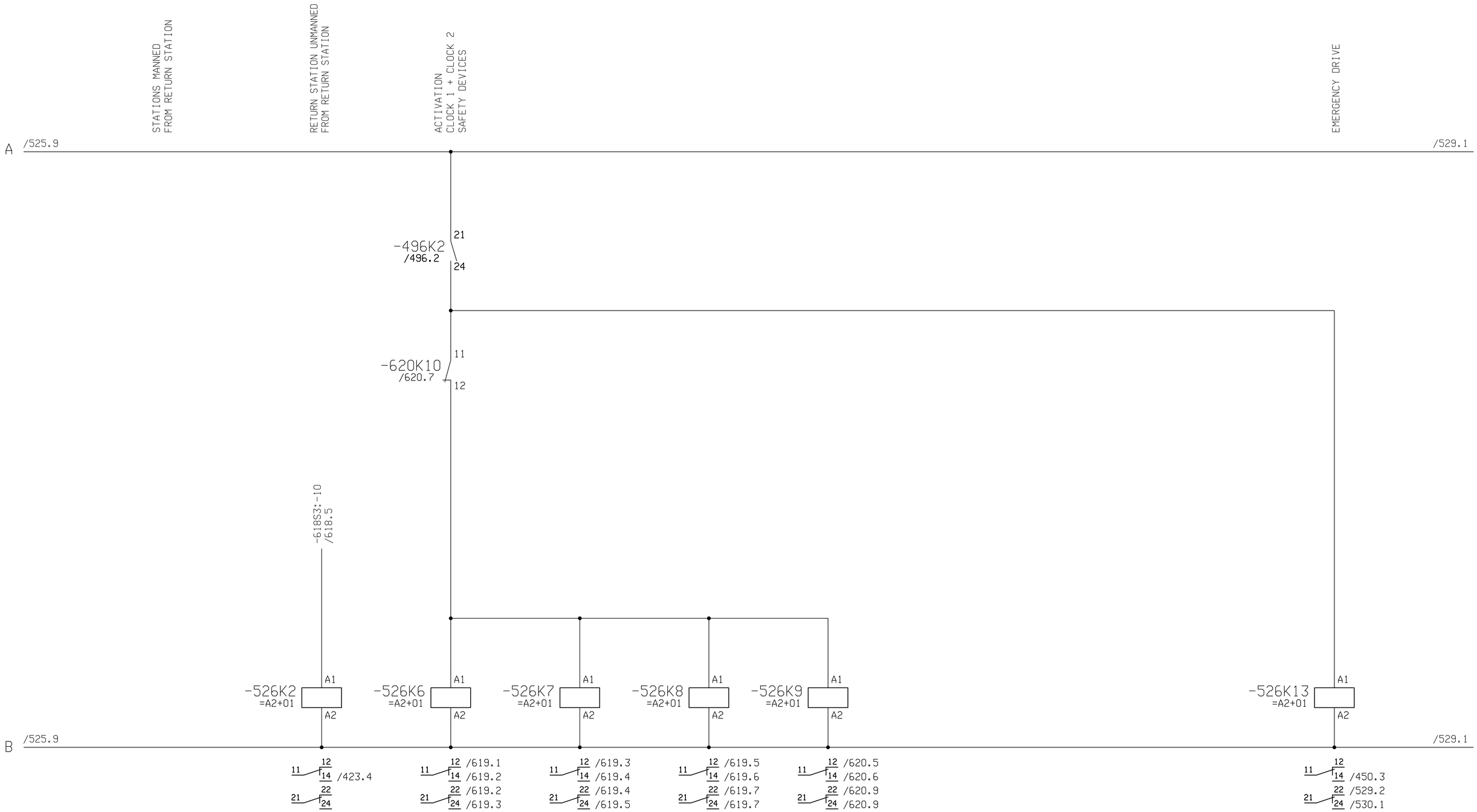

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

10-MGD BaNa4
WAA0004185
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RELAY

RETURN STATION | LV-CONTROL

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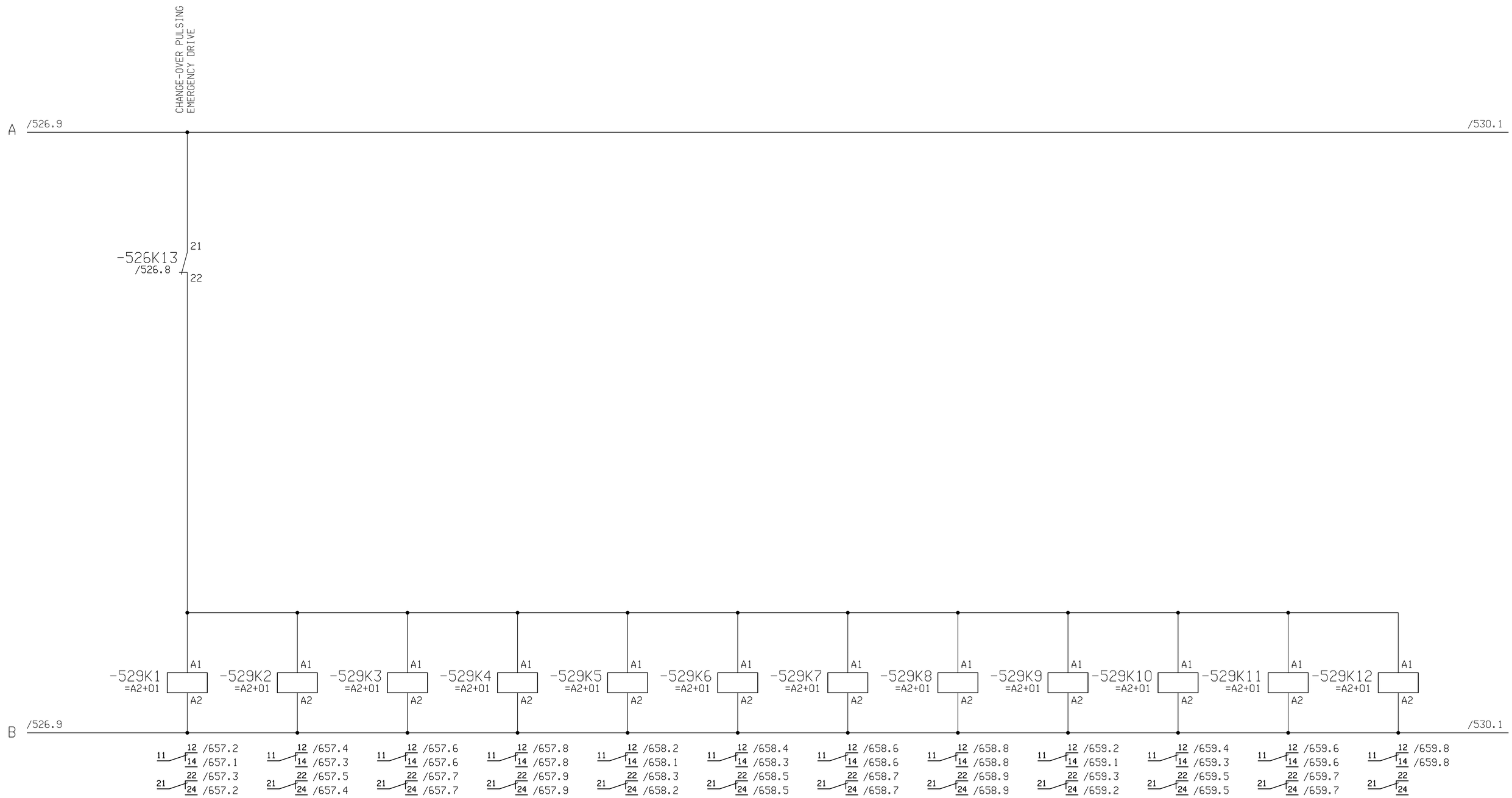

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
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CHANGE-OVER PULSING

RETURN STATION | LV-CONTROL

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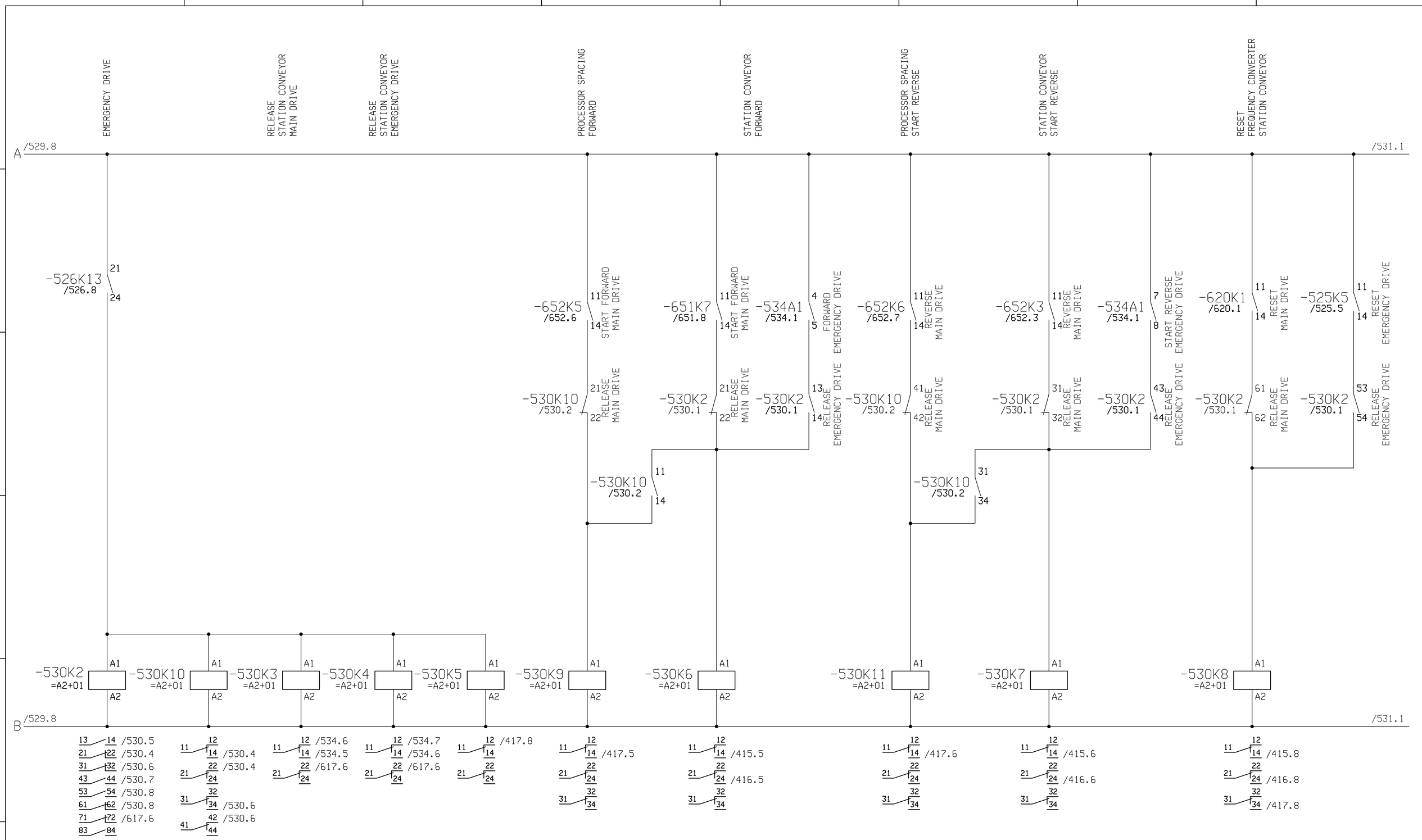

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10-MGD BaNa4
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STATION CONVEYOR

RETURN STATION | LV-CONTROL

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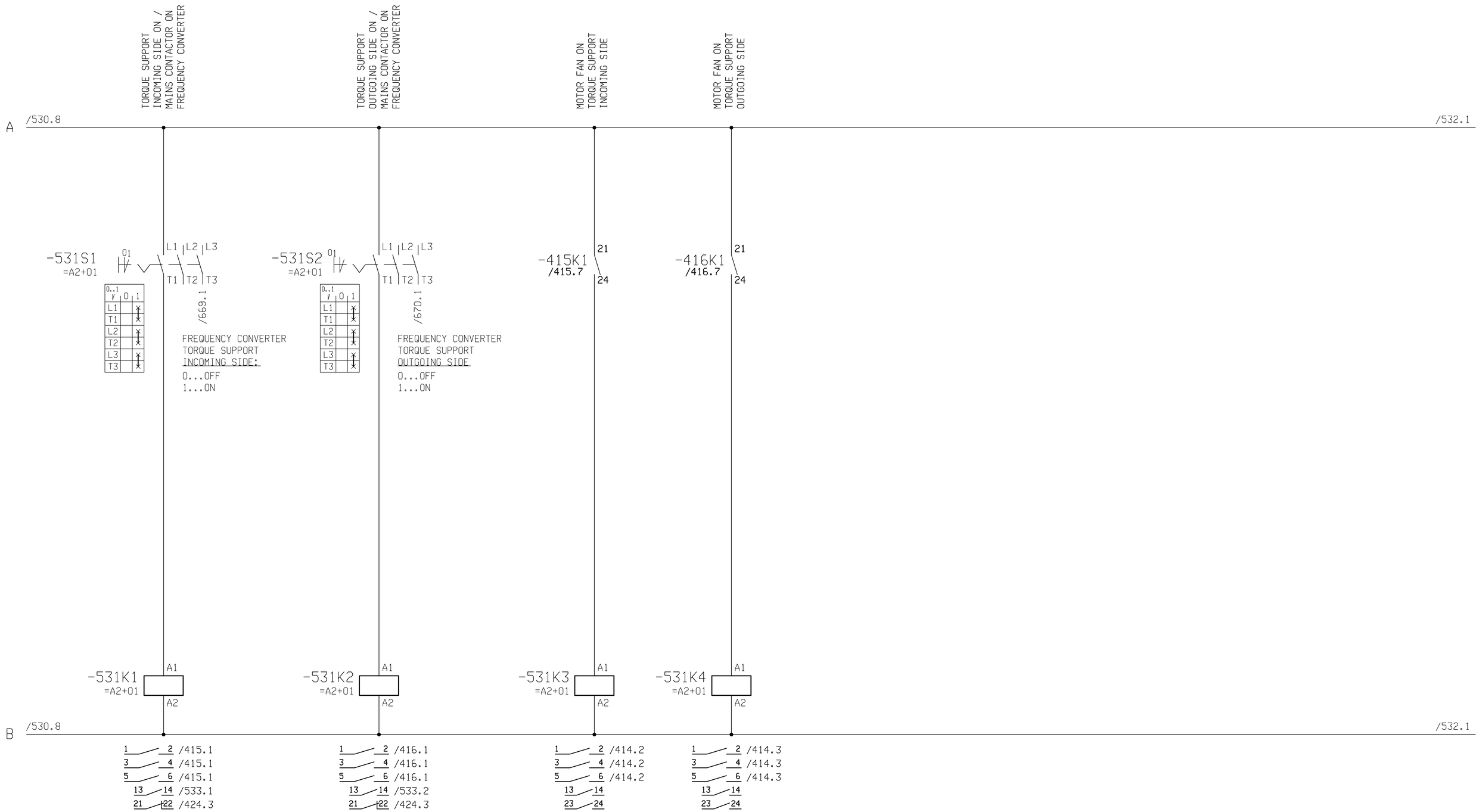

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STATION CONVEYOR

RETURN STATION | LV-CONTROL

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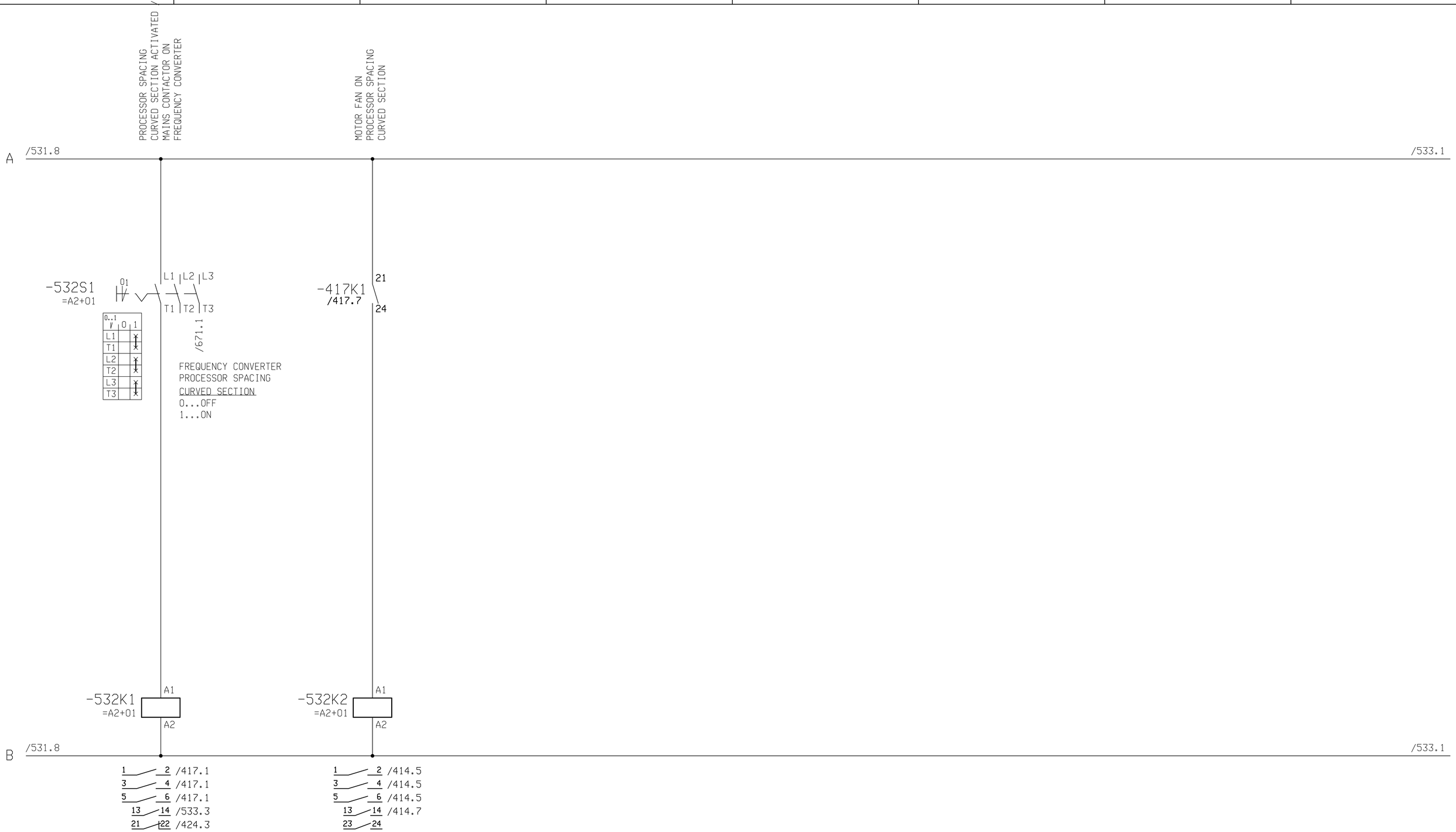

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STATION CONVEYOR

RETURN STATION | LV-CONTROL

=A2+01

Date	17.06.16
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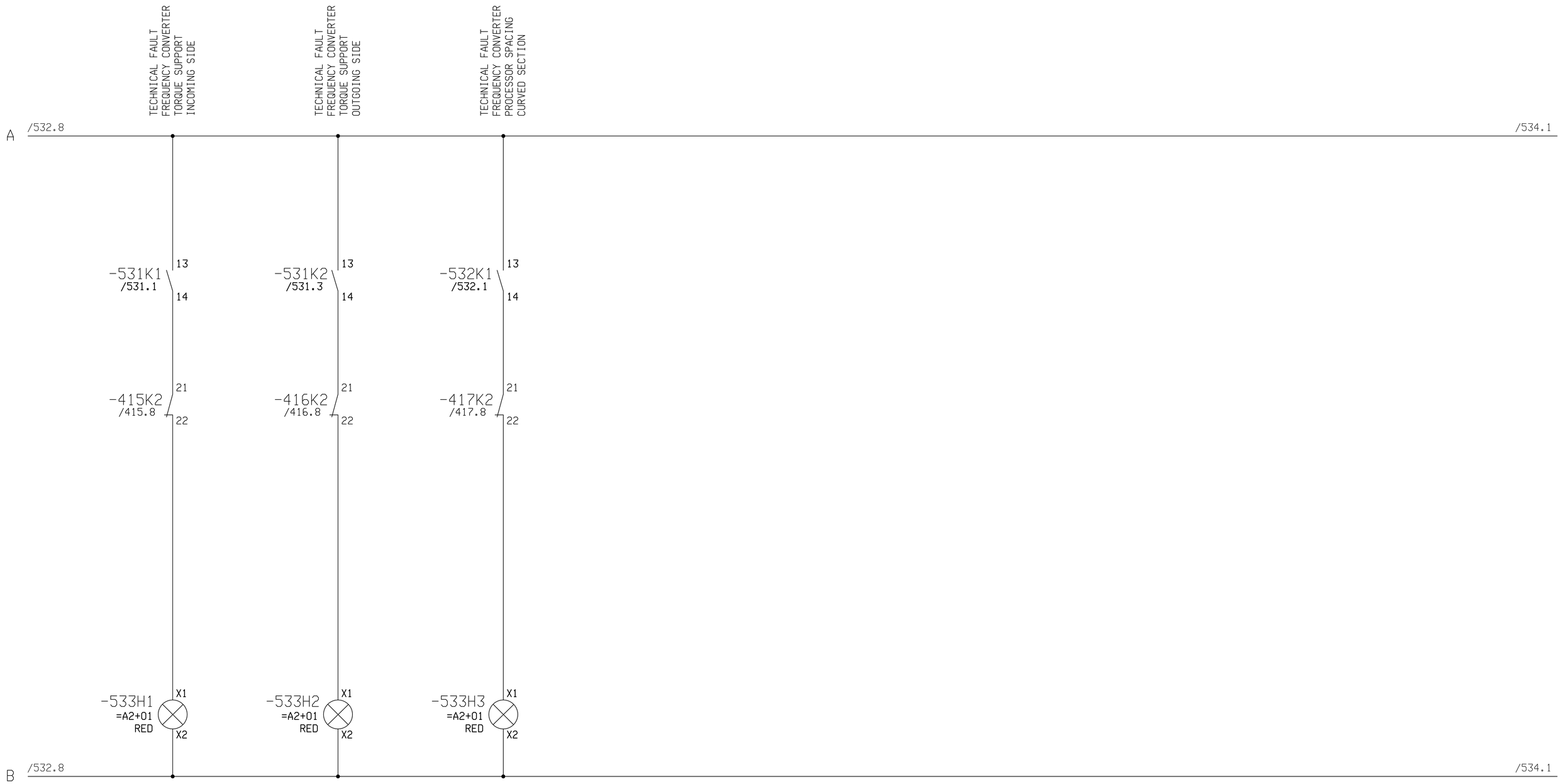

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STATION CONVEYOR

RETURN STATION

LV-CONTROL

=A2+01

Date	09.06.16
Sheet :	533
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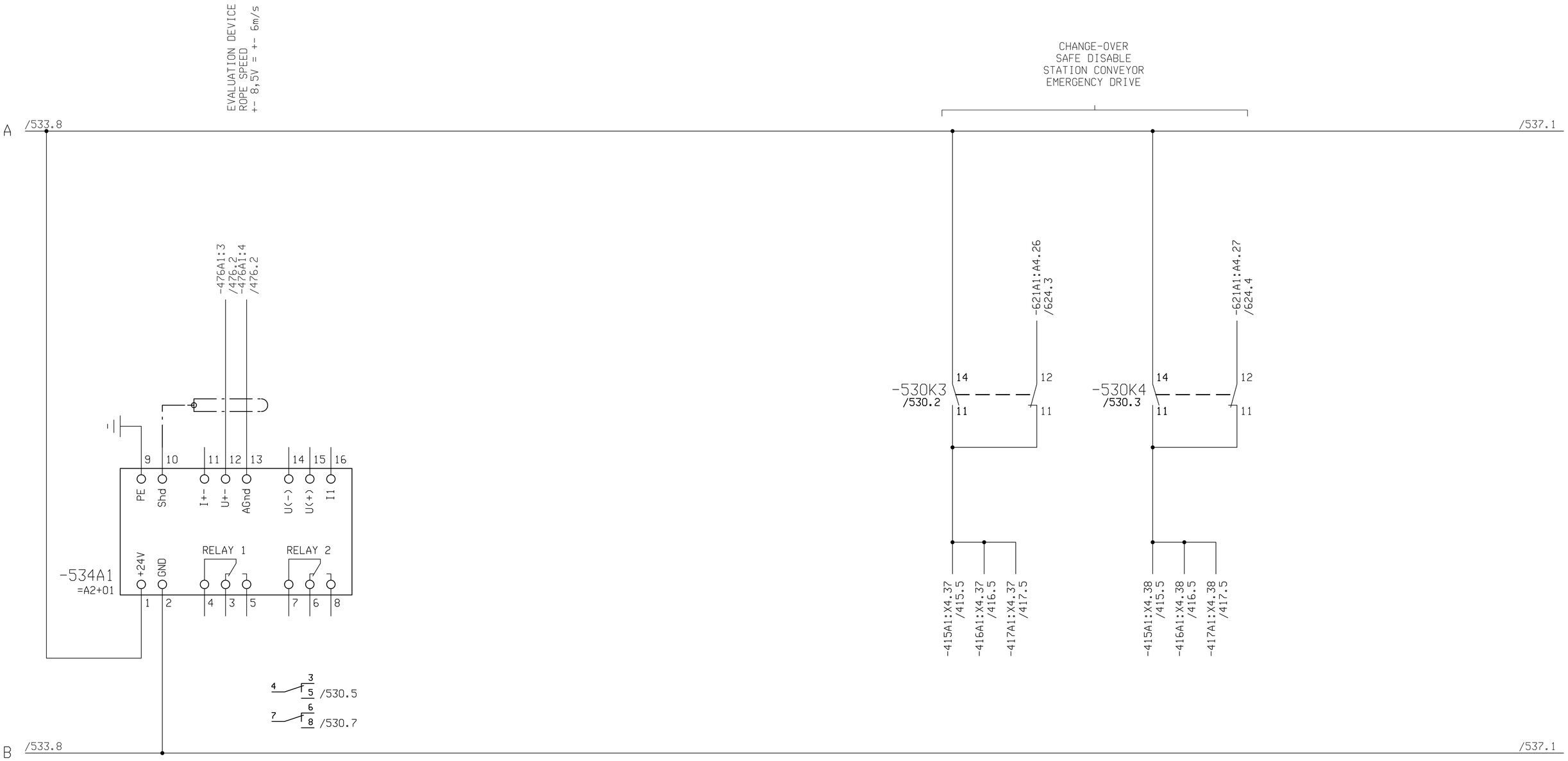

Revision	2.0	Drawn by	SST
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10-MGD BaNa4
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STATION CONVEYOR

RETURN STATION | LV-CONTROL

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Date	17.06.16
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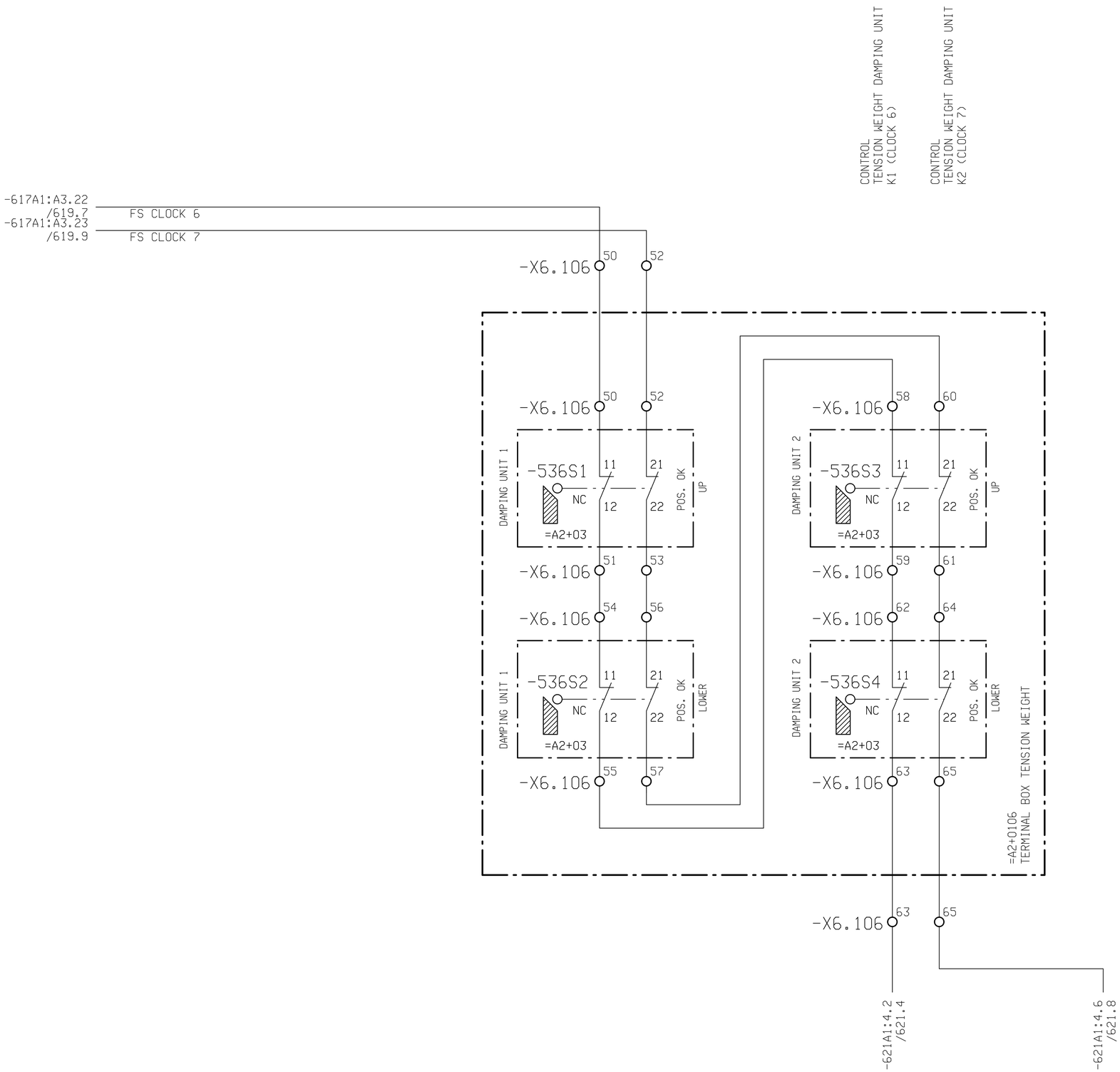

Revision	2.0	Drawn by	SST
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File:	GEWAA4185		

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CONTROL TENSION WEIGHT DAMPING UNIT

RETURN STATION | LV-CONTROL

=A2+01

Date	20.01.17
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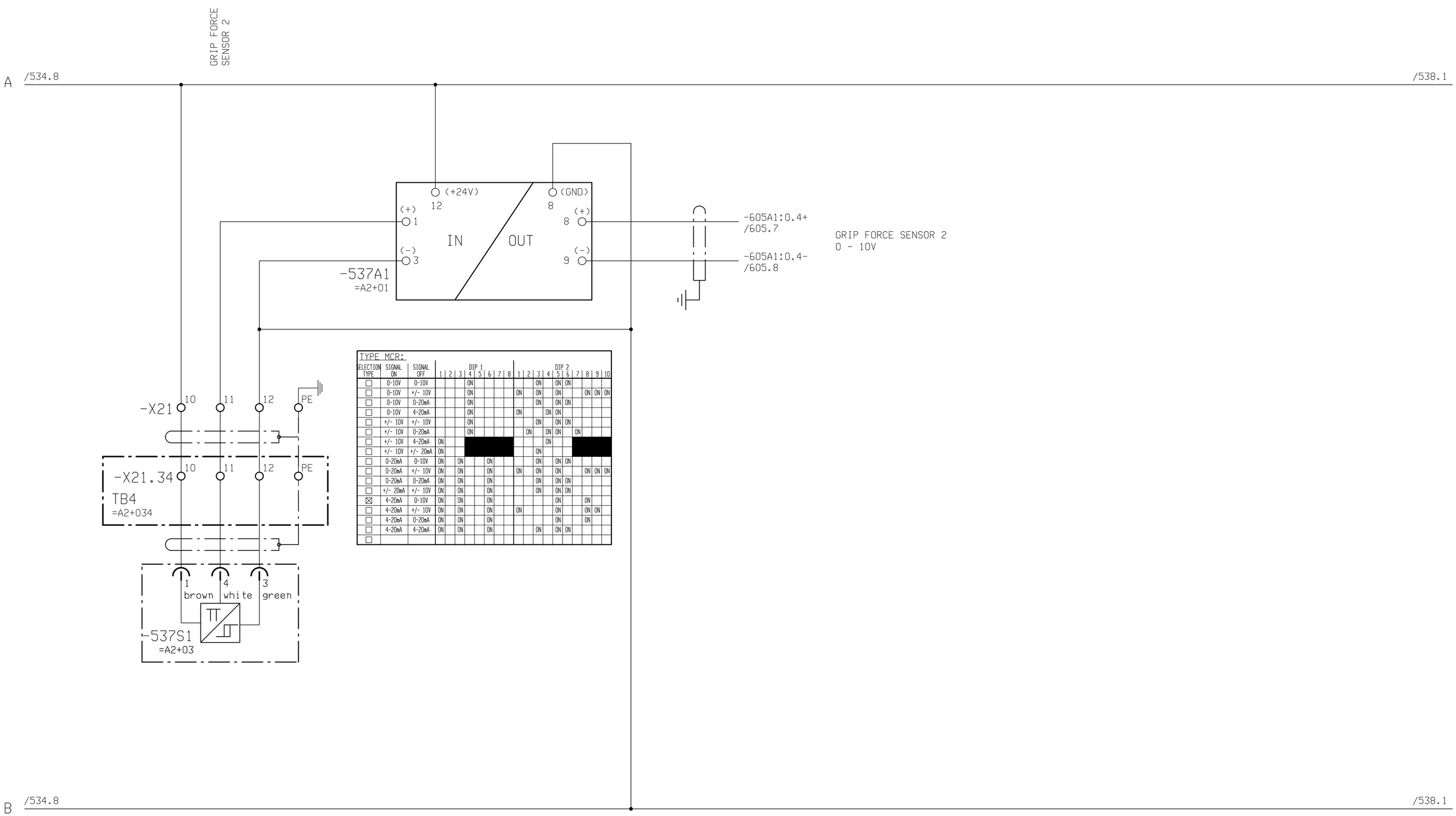
Cont.sheet:	537



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☐	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				
☐																				

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

10-MGD BaNa4
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GRIP FORCE SENSOR 2

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	537
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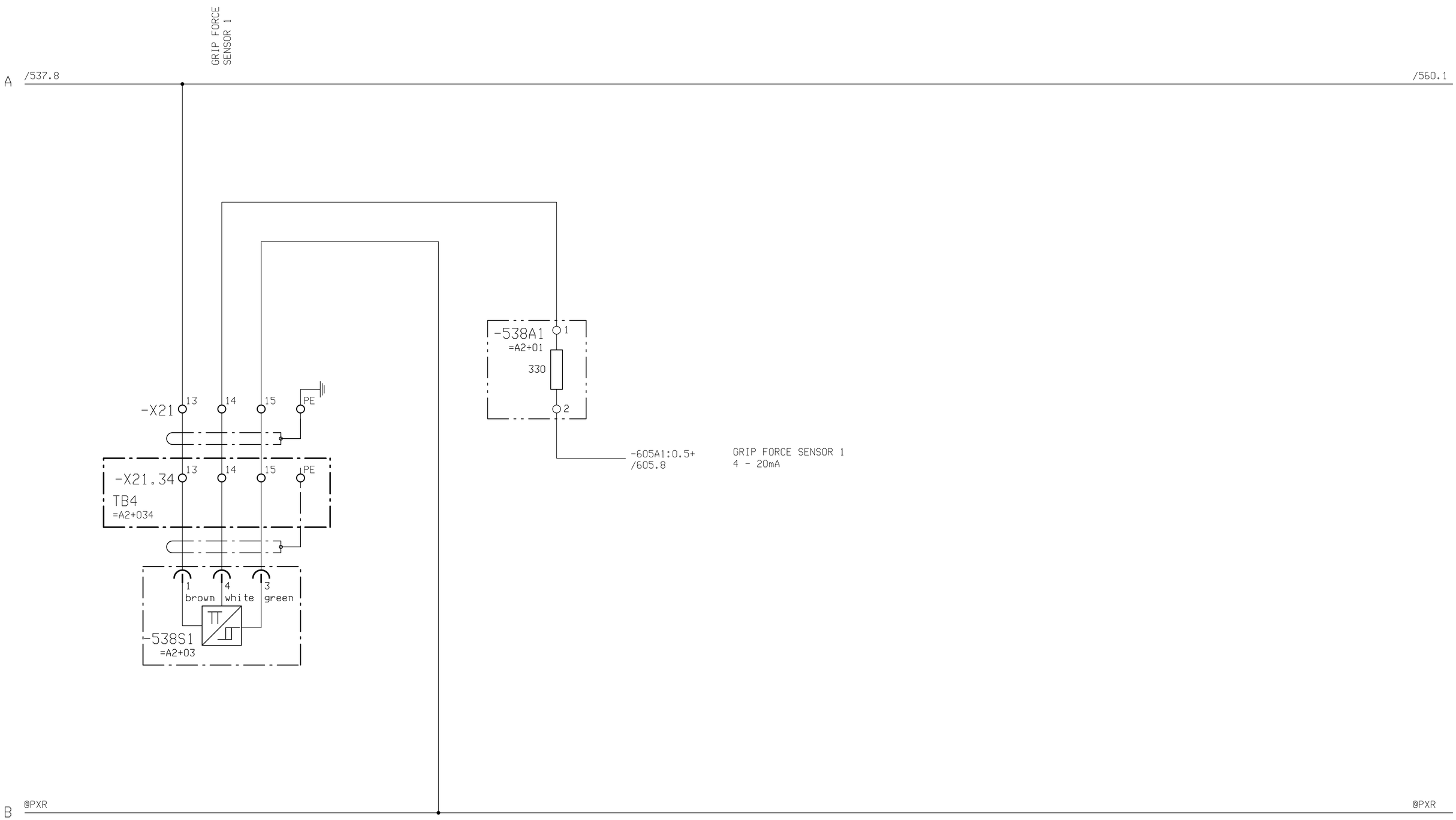

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

10-MGD BaNa4
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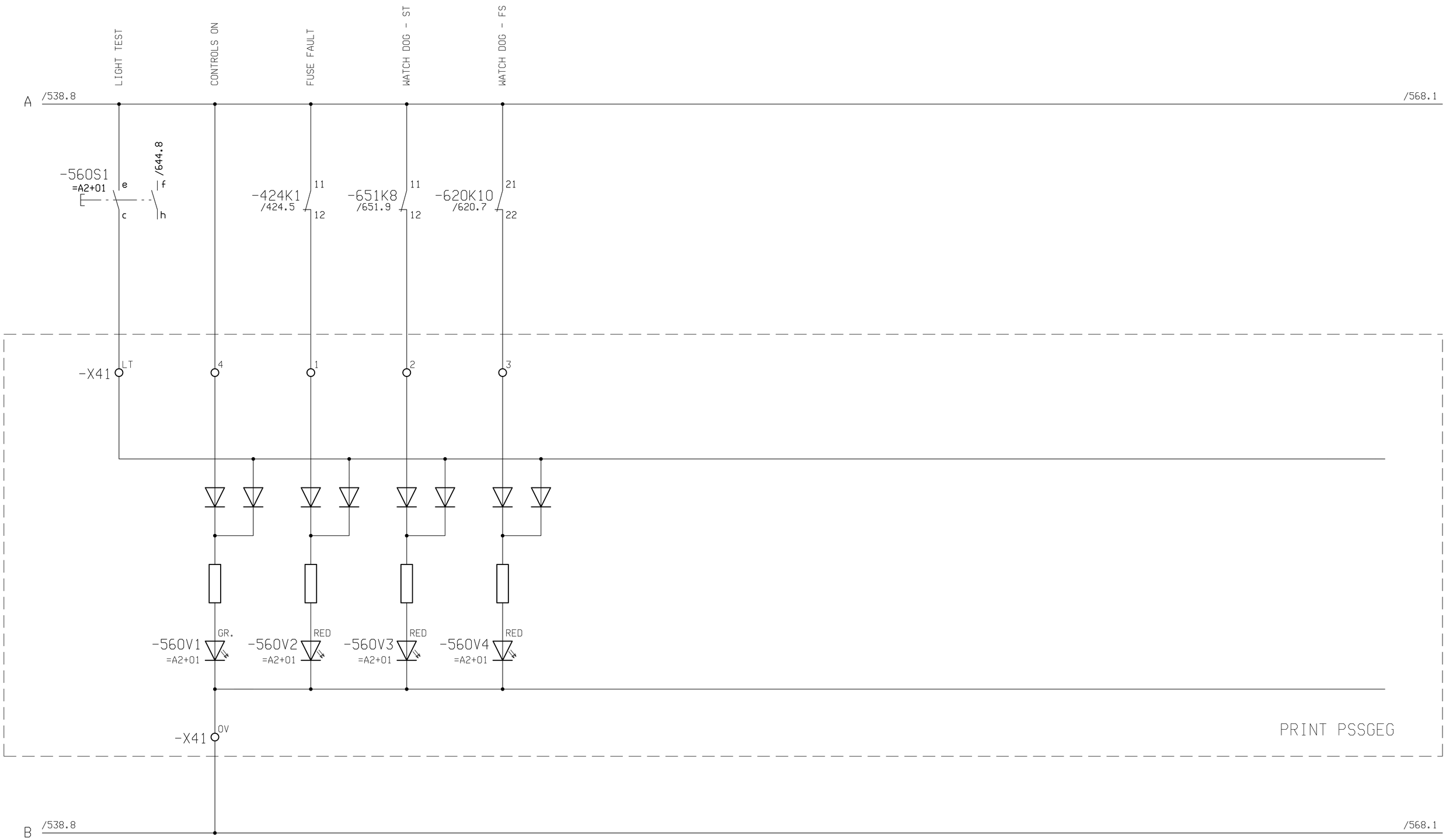
GRIP FORCE SENSOR 1

RETURN STATION | LV-CONTROL

=A2+01

Date	20.01.17
Sheet :	538
Cont.sheet:	560



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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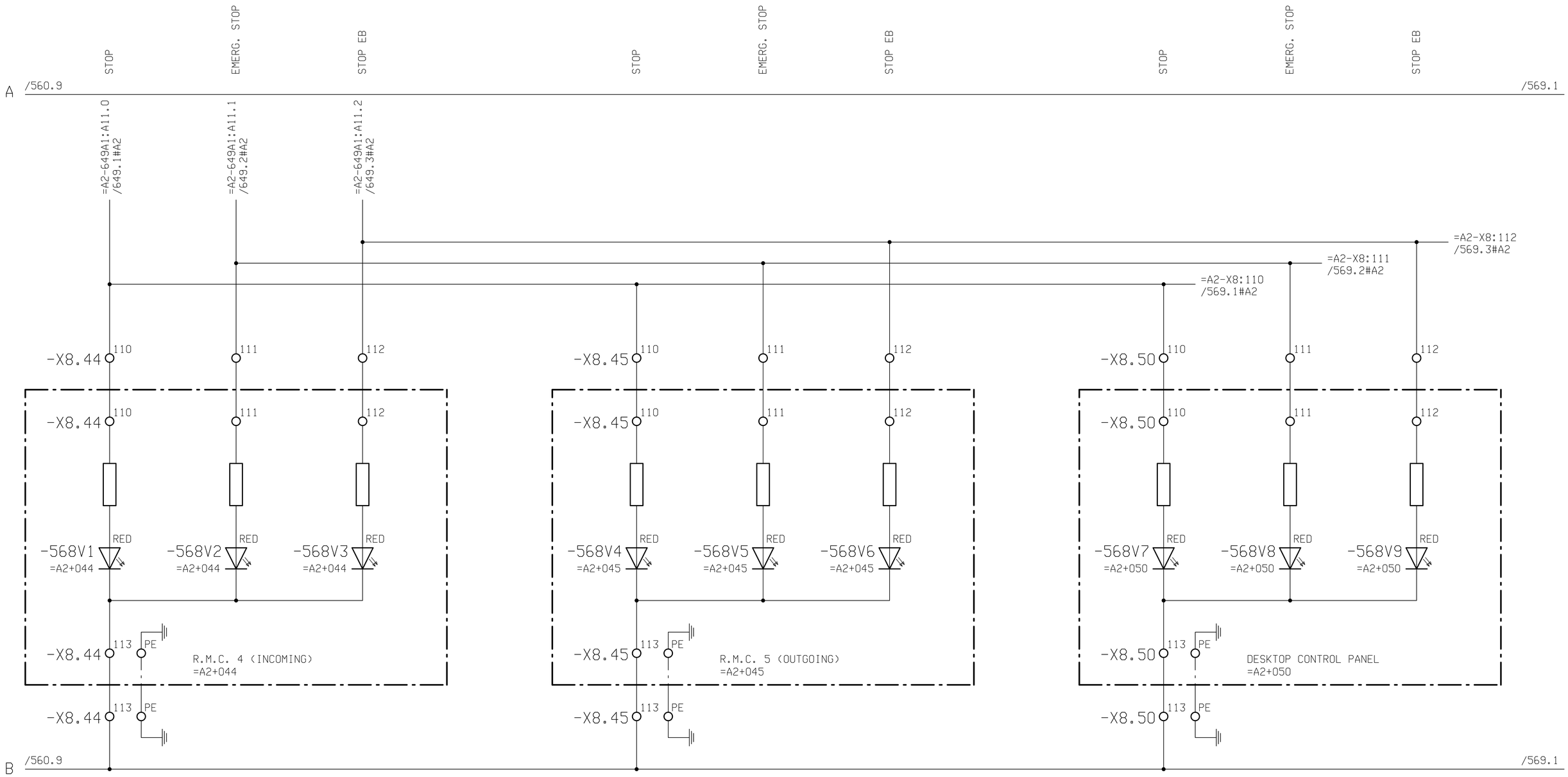
CONTROL LIGHTS

RETURN STATION | LV-CONTROL

=A2+01

Date	15.03.16
Sheet :	560
Cont.sheet:	568



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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CONTROL LIGHTS

RETURN STATION

LV-CONTROL

=A2+01

Date	15.03.16
Sheet :	568
Cont.sheet:	569

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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CONTROL LIGHTS

RETURN STATION | LV-CONTROL

=A2+01

Date	05.04.16
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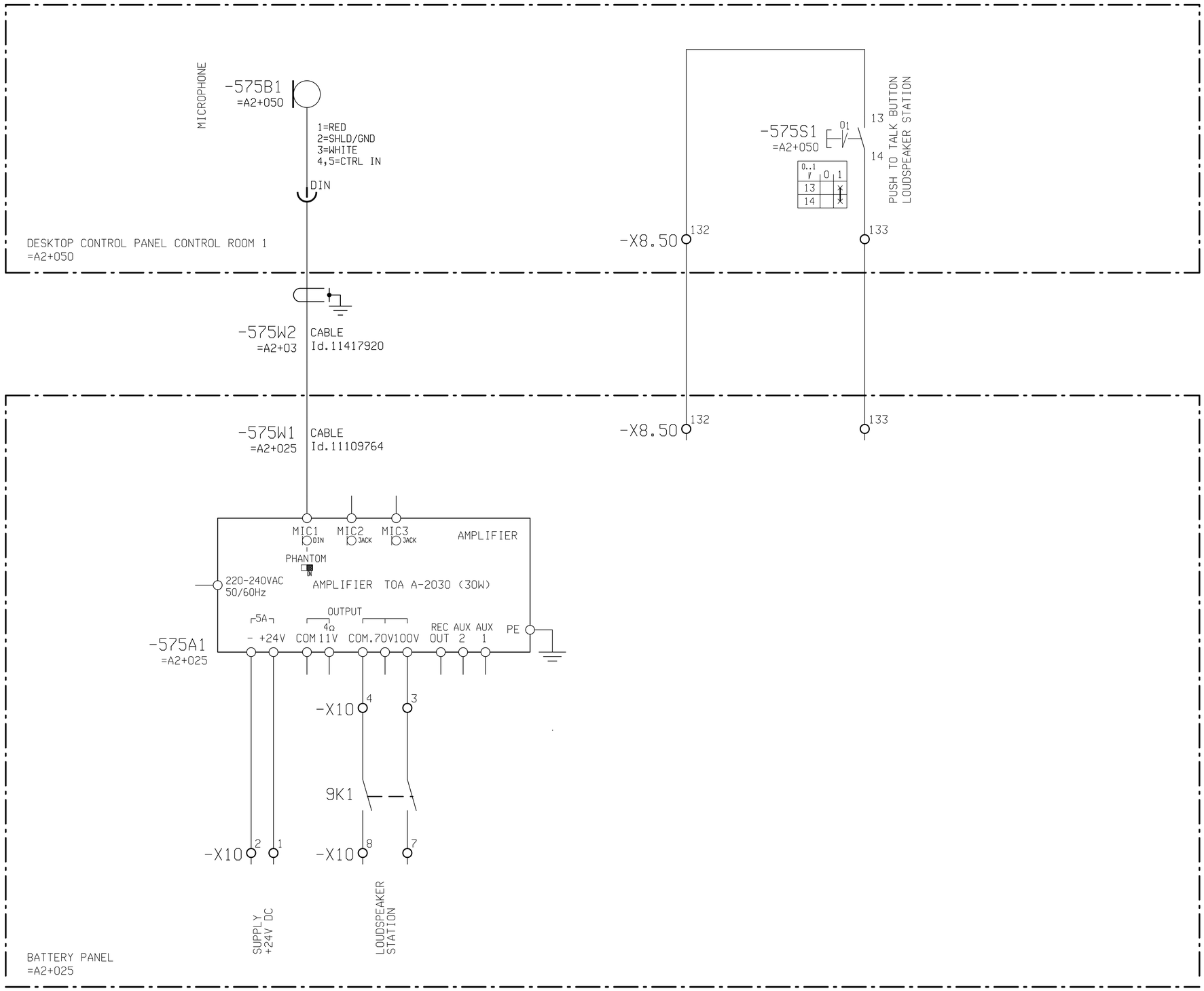
Cont.sheet:	575



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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LOUDSPEAKER EQUIPMENT

RETURN STATION | LV-CONTROL

=A2+01

Date	26.04.16
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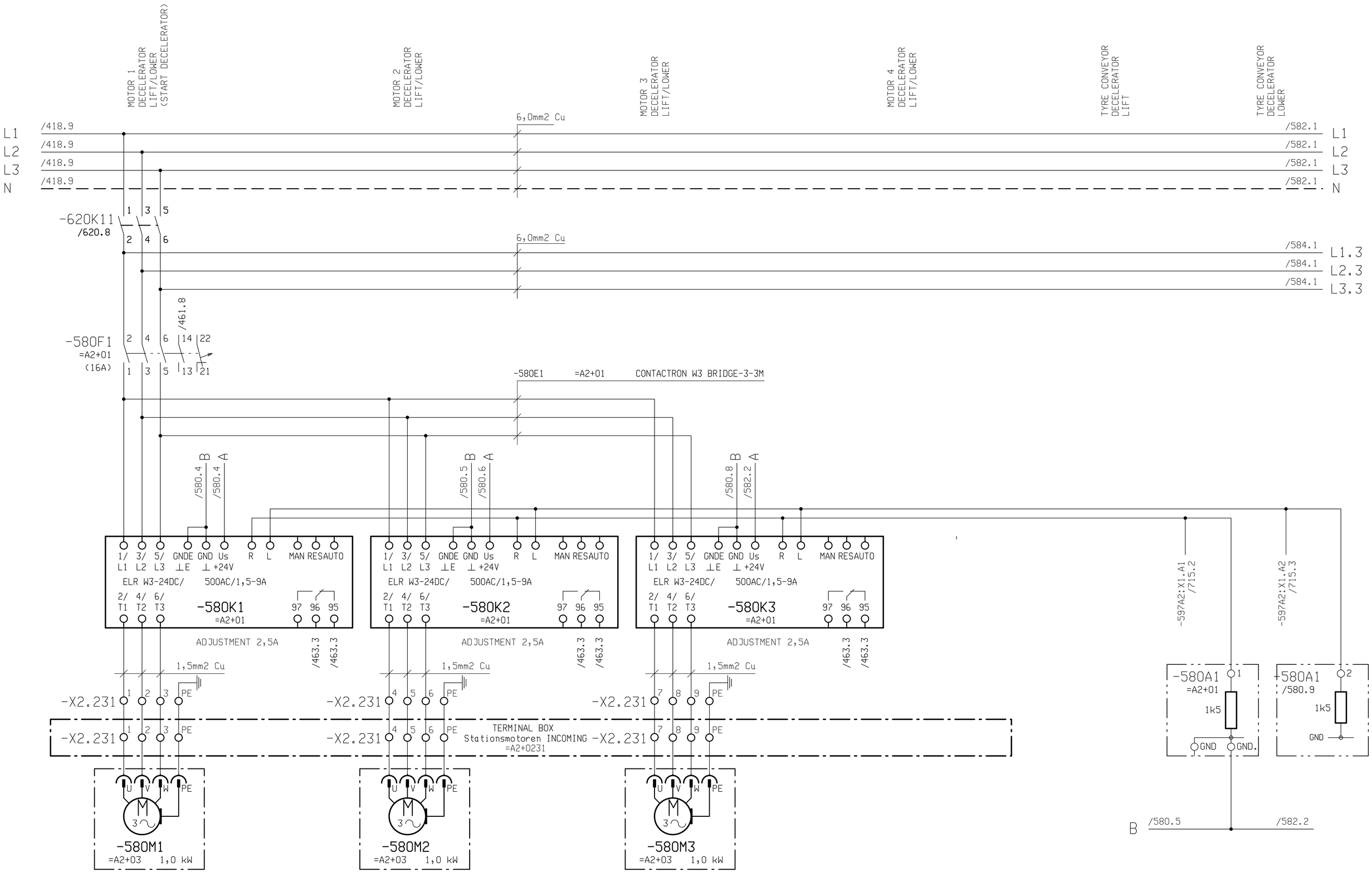
Cont.sheet:	580



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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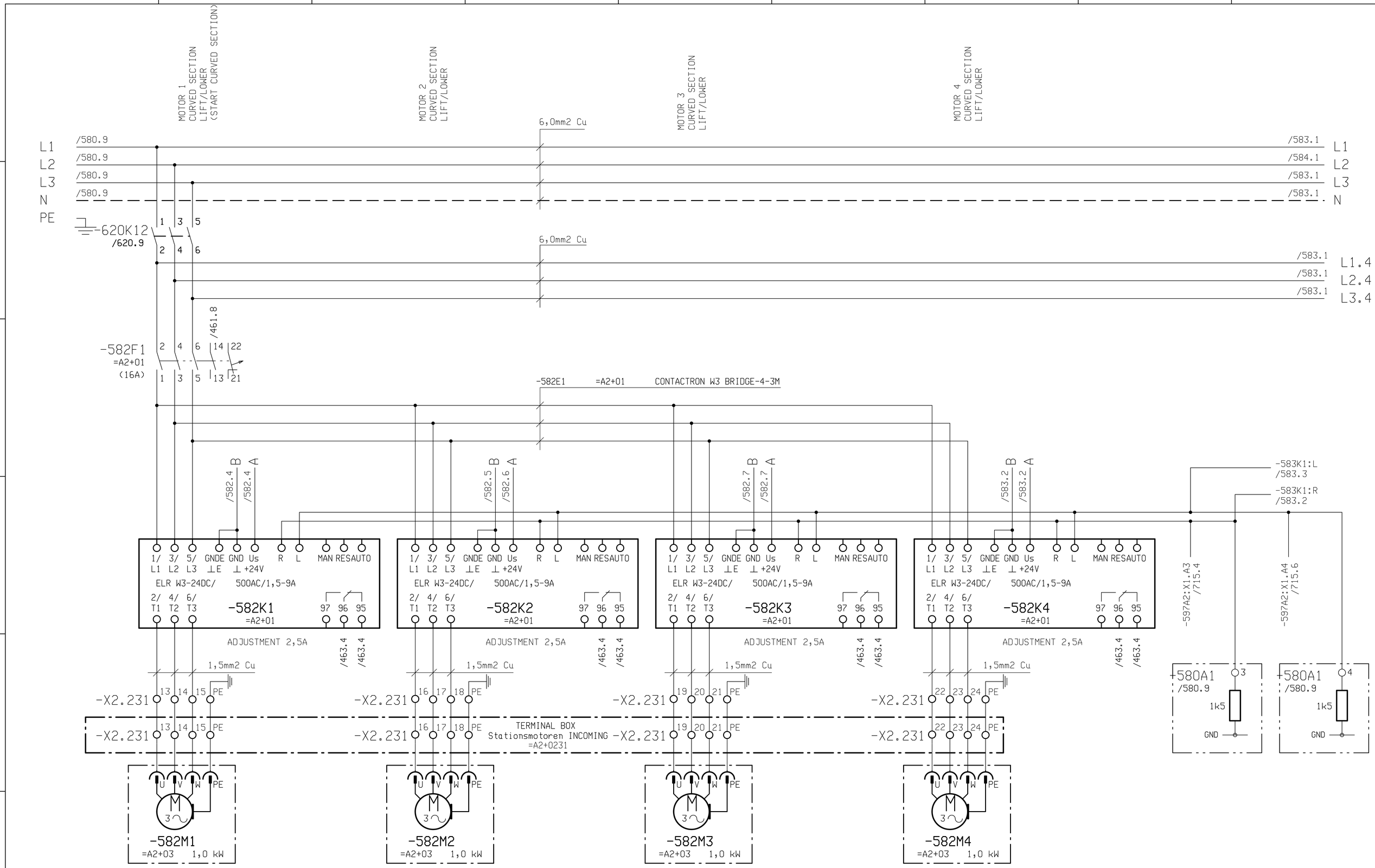
MOTORS - TYRE CONVEYOR DECELERATOR

RETURN STATION | LV-CONTROL

=A2+01

Date	20.04.16
Sheet :	580
Cont.sheet:	582



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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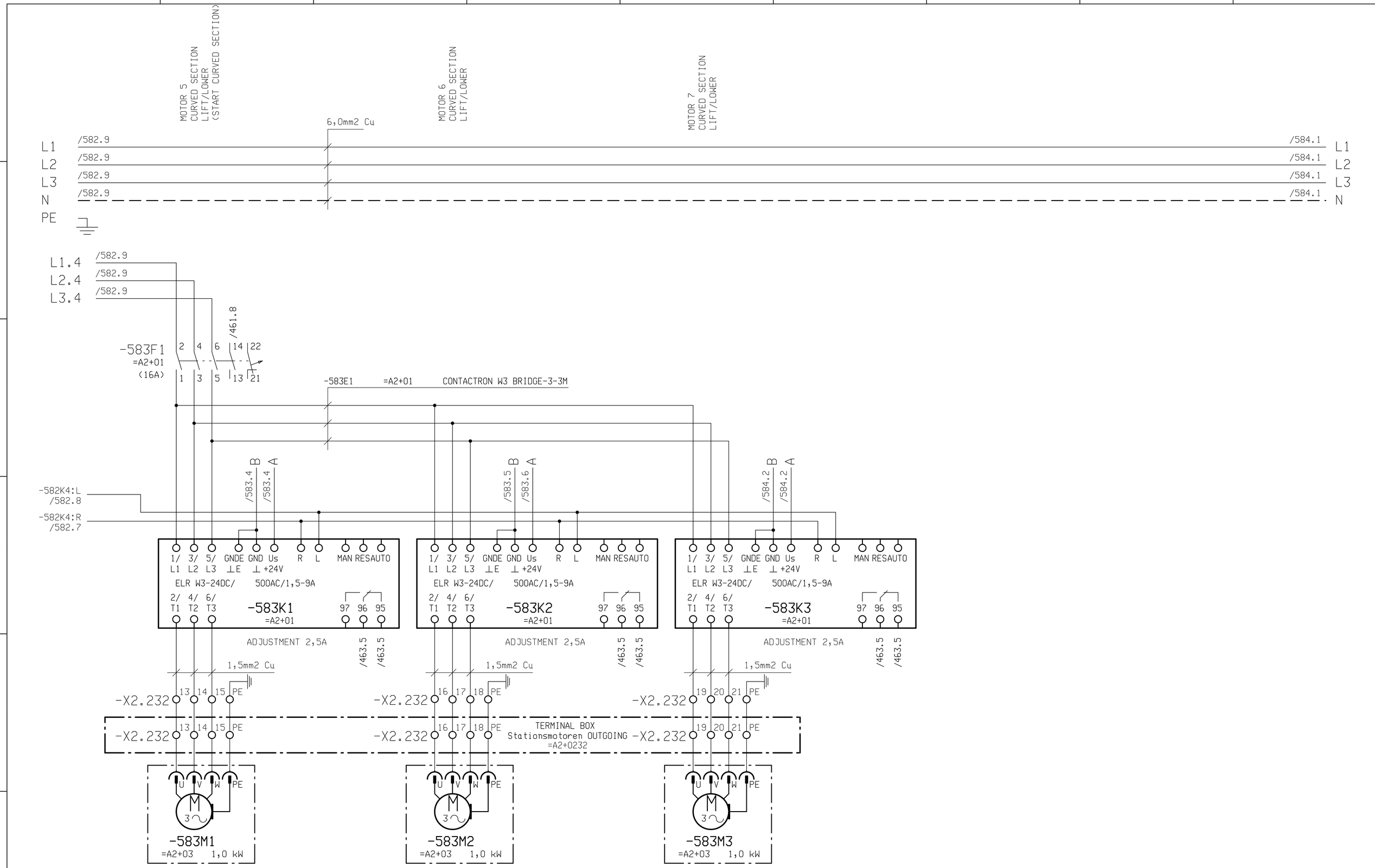
MOTORS - TYRE CONVEYOR CURVED SECTION

RETURN STATION | LV-CONTROL

=A2+01

Date	11.04.16
Sheet :	582
Cont.sheet:	583



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Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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MOTORS - TYRE CONVEYOR CURVED SECTION

RETURN STATION | LV-CONTROL

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Date	11.04.16
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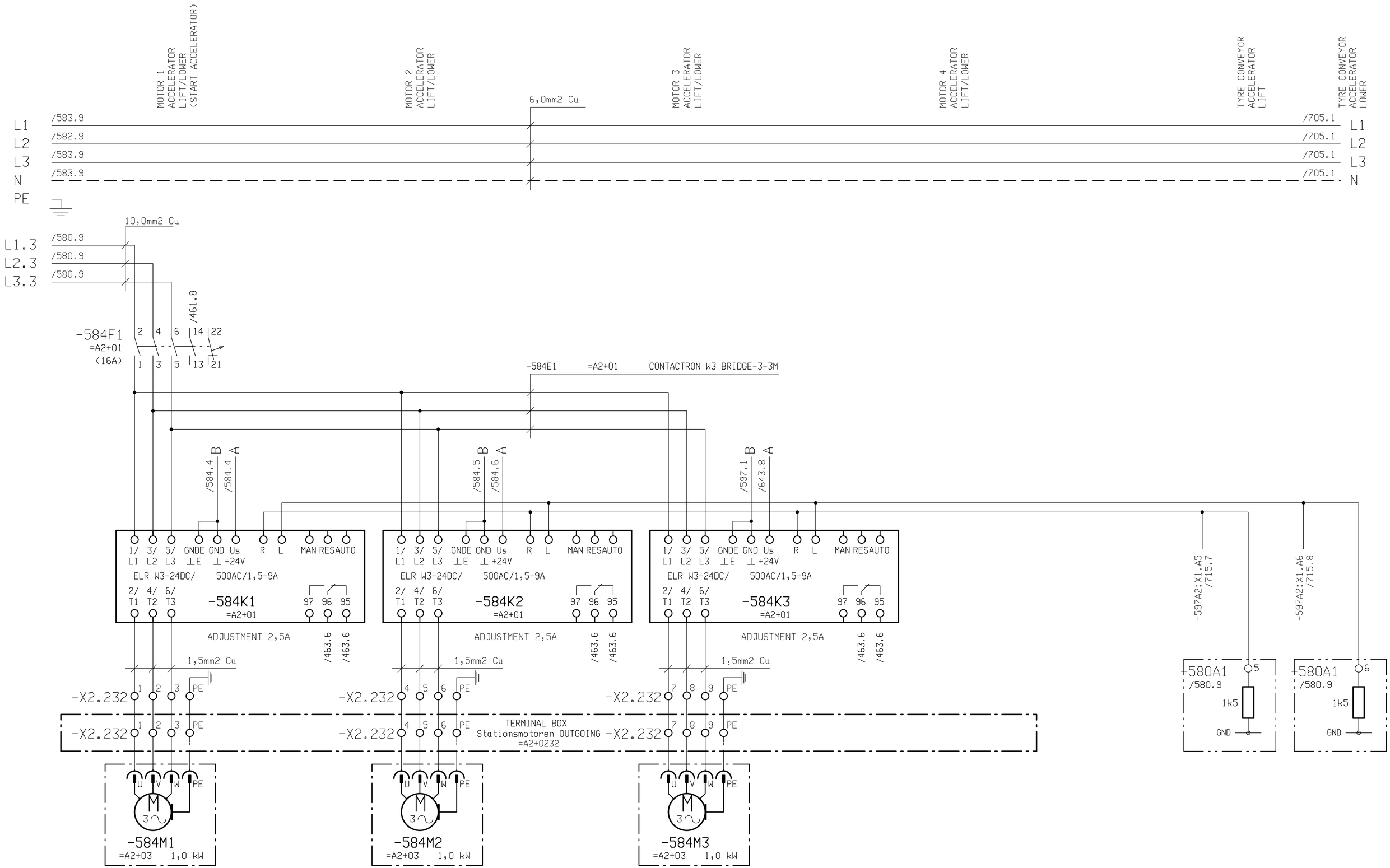

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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MOTORS - TYRE CONVEYOR ACCELERATOR

RETURN STATION | LV-CONTROL

=A2+01

Date	11.04.16
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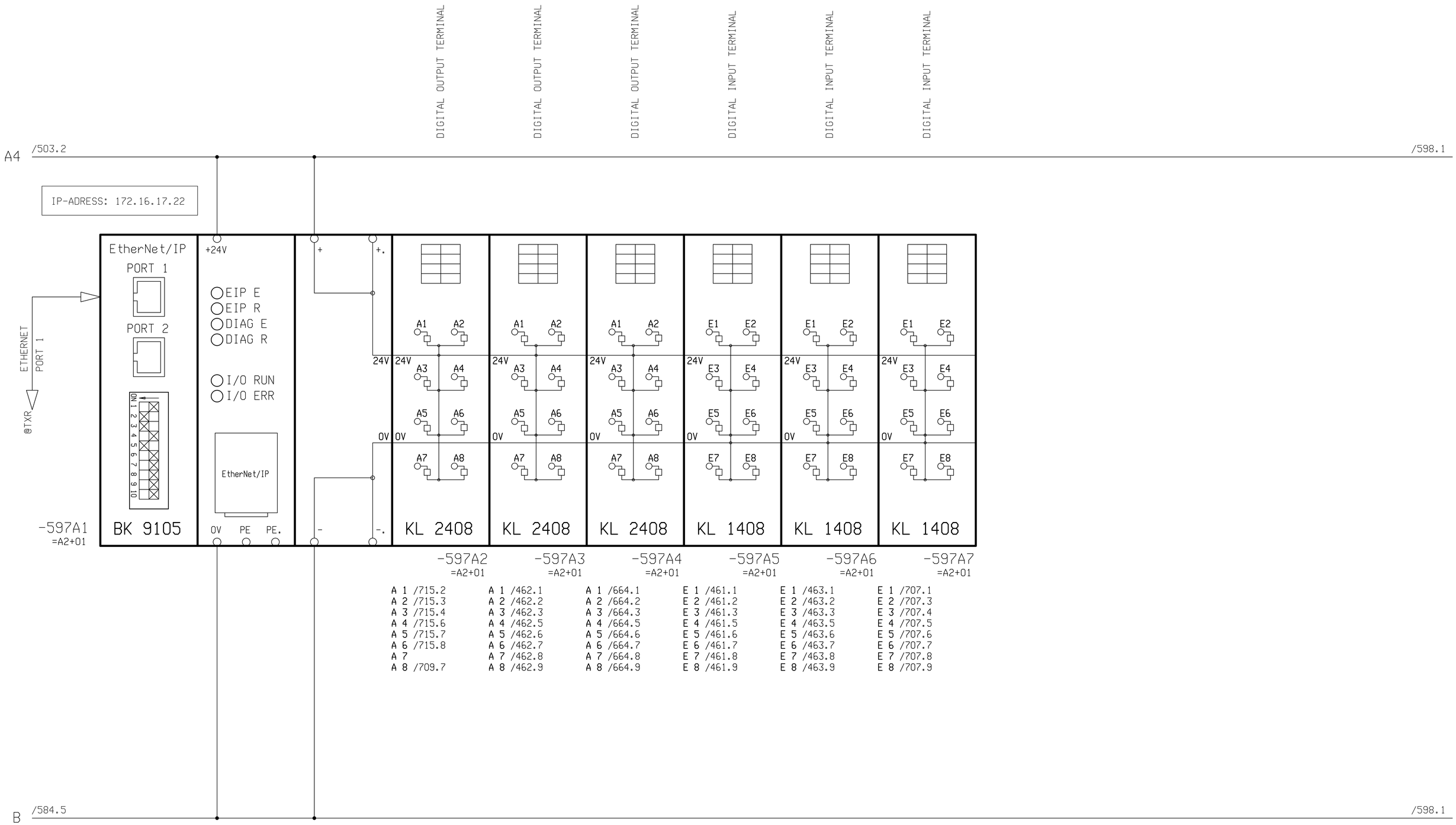

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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IN-OUTPUT MODULE BECKHOFF

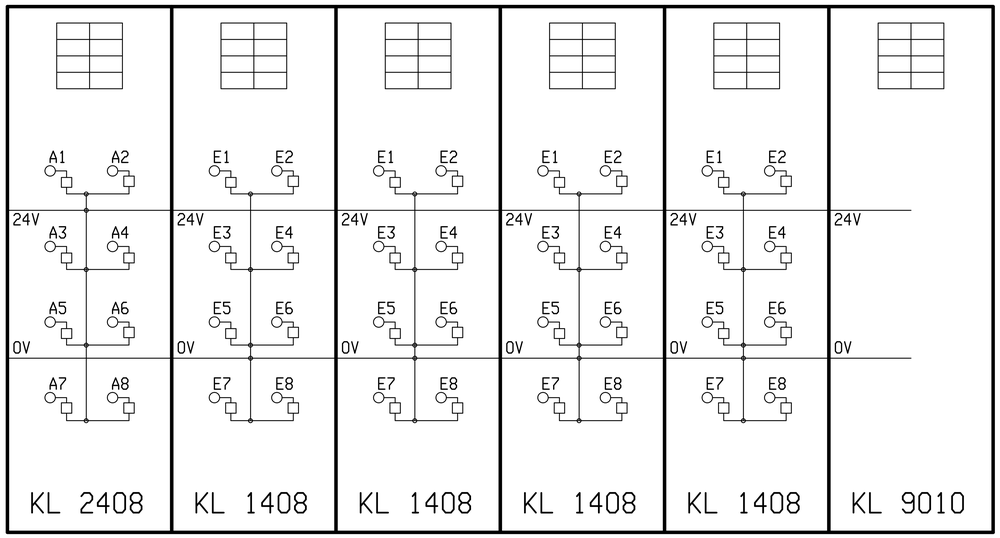
RETURN STATION | LV-CONTROL

=A2+01

Date	09.06.16
Sheet :	597
Cont.sheet:	598

DIGITAL OUTPUT TERMINAL	DIGITAL INPUT TERMINAL	DIGITAL INPUT TERMINAL	DIGITAL INPUT TERMINAL	DIGITAL INPUT TERMINAL	BUS END TERMINAL

A4 /597.9 /637.1



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A 2 /716.2	E 2 /669.2	E 2 /670.2	E 2 /671.2	E 2 /709.3	
A 3 /716.4	E 3 /669.3	E 3 /670.3	E 3 /671.3	E 3	
A 4 /716.5	E 4 /669.4	E 4 /670.4	E 4 /671.4	E 4	
A 5	E 5 /669.5	E 5 /670.5	E 5 /671.5	E 5 /709.5	
A 6	E 6 /669.6	E 6 /670.6	E 6 /671.6	E 6 /709.6	
A 7	E 7 /669.7	E 7 /670.7	E 7 /671.7	E 7	
A 8	E 8 /669.8	E 8 /670.8	E 8 /671.8	E 8 /709.7	

B /597.9 /600.1

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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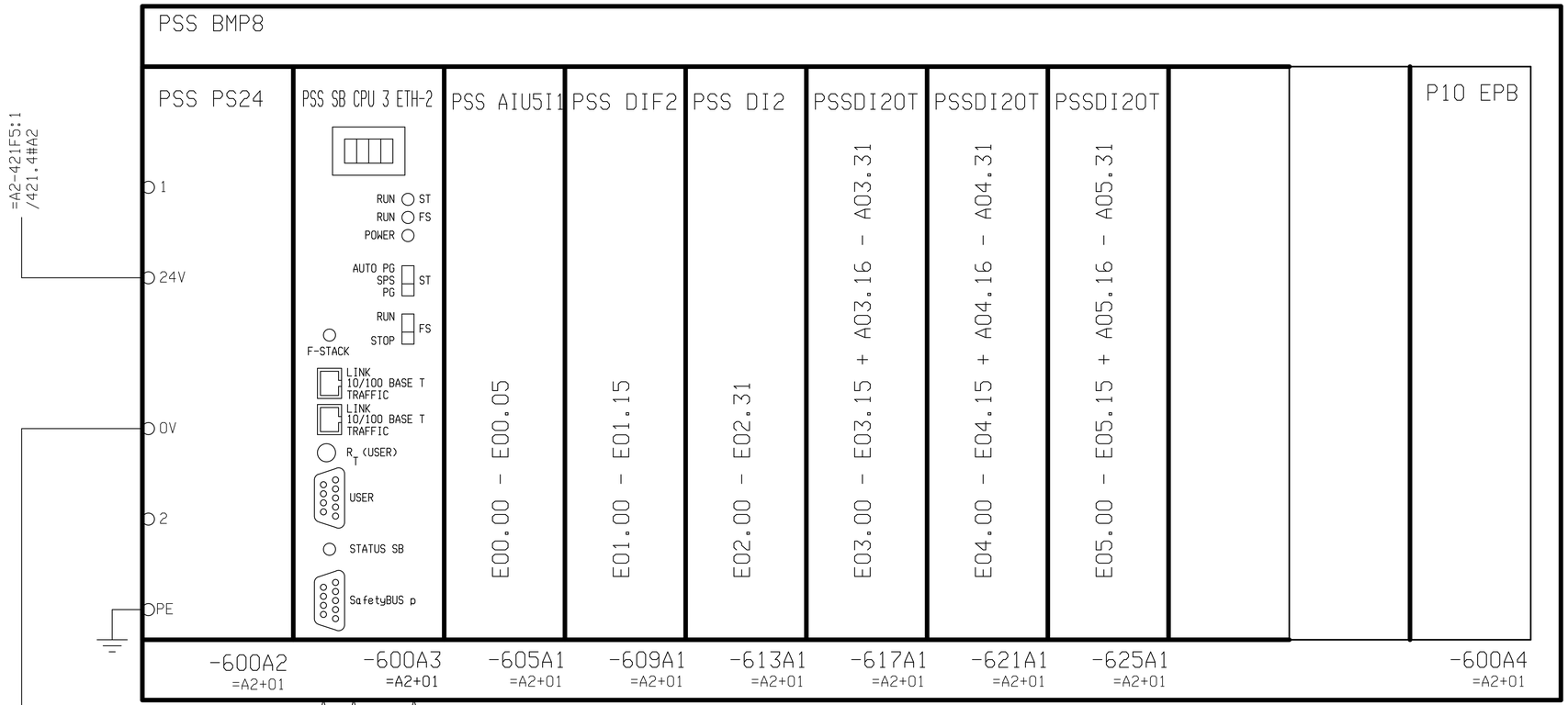
IN-OUTPUT MODULE BECKHOFF

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	598
Cont.sheet:	600



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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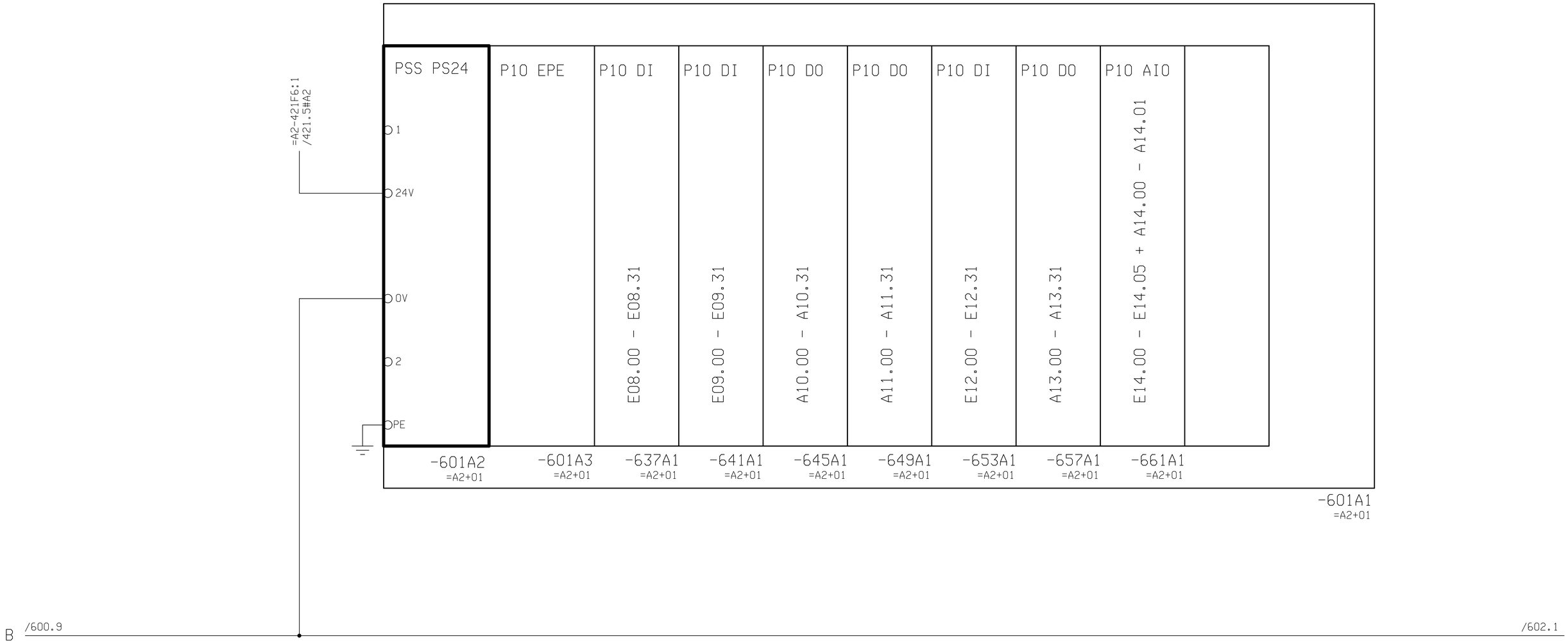
POWER SUPPLY PC-SYSTEM

RETURN STATION | LV-CONTROL

=A2+01

Date	09.06.16
Sheet :	600
Cont.sheet:	601



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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POWER SUPPLY PC-SYSTEM

RETURN STATION | LV-CONTROL

=A2+01

Date	01.04.16
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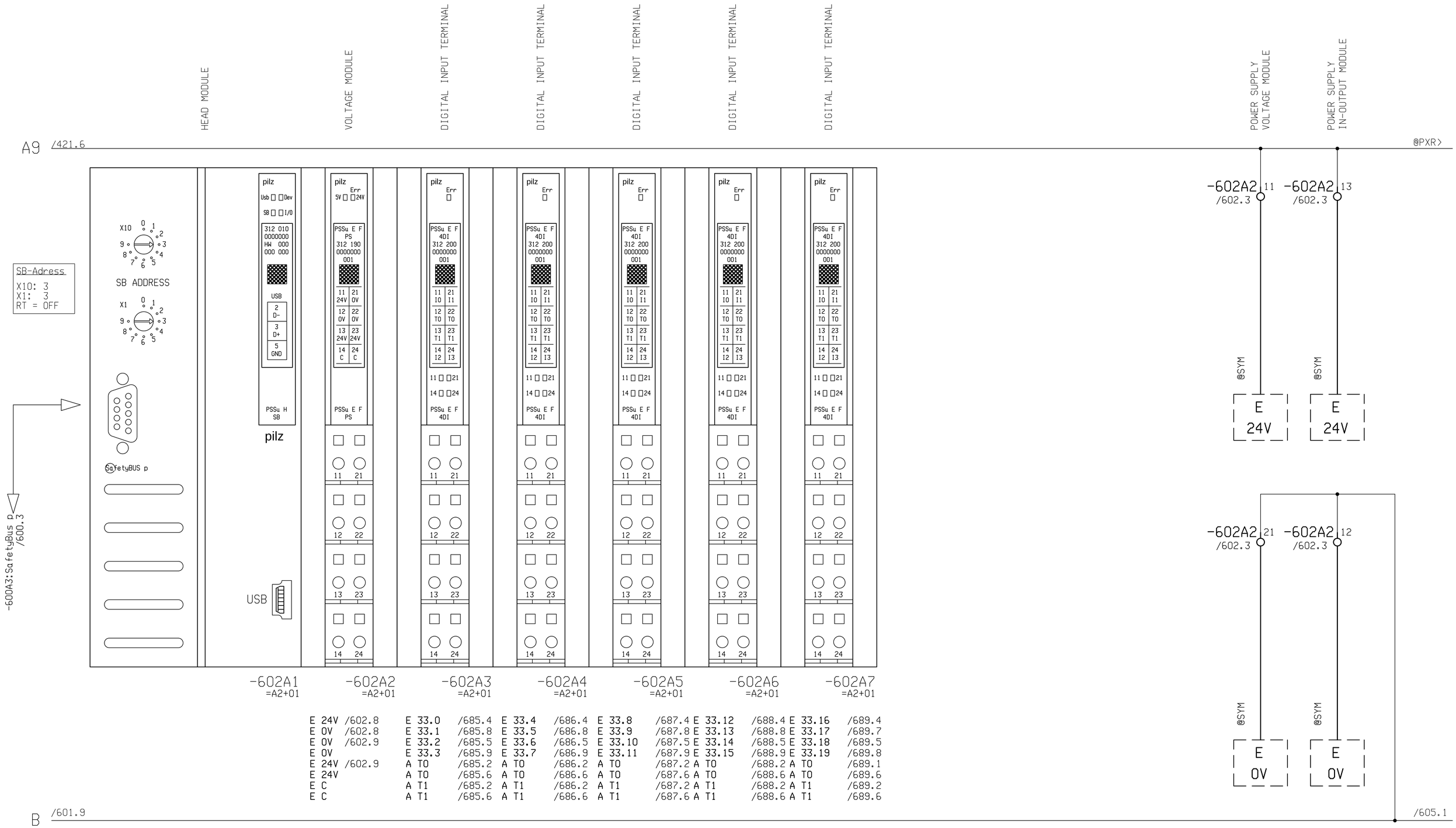

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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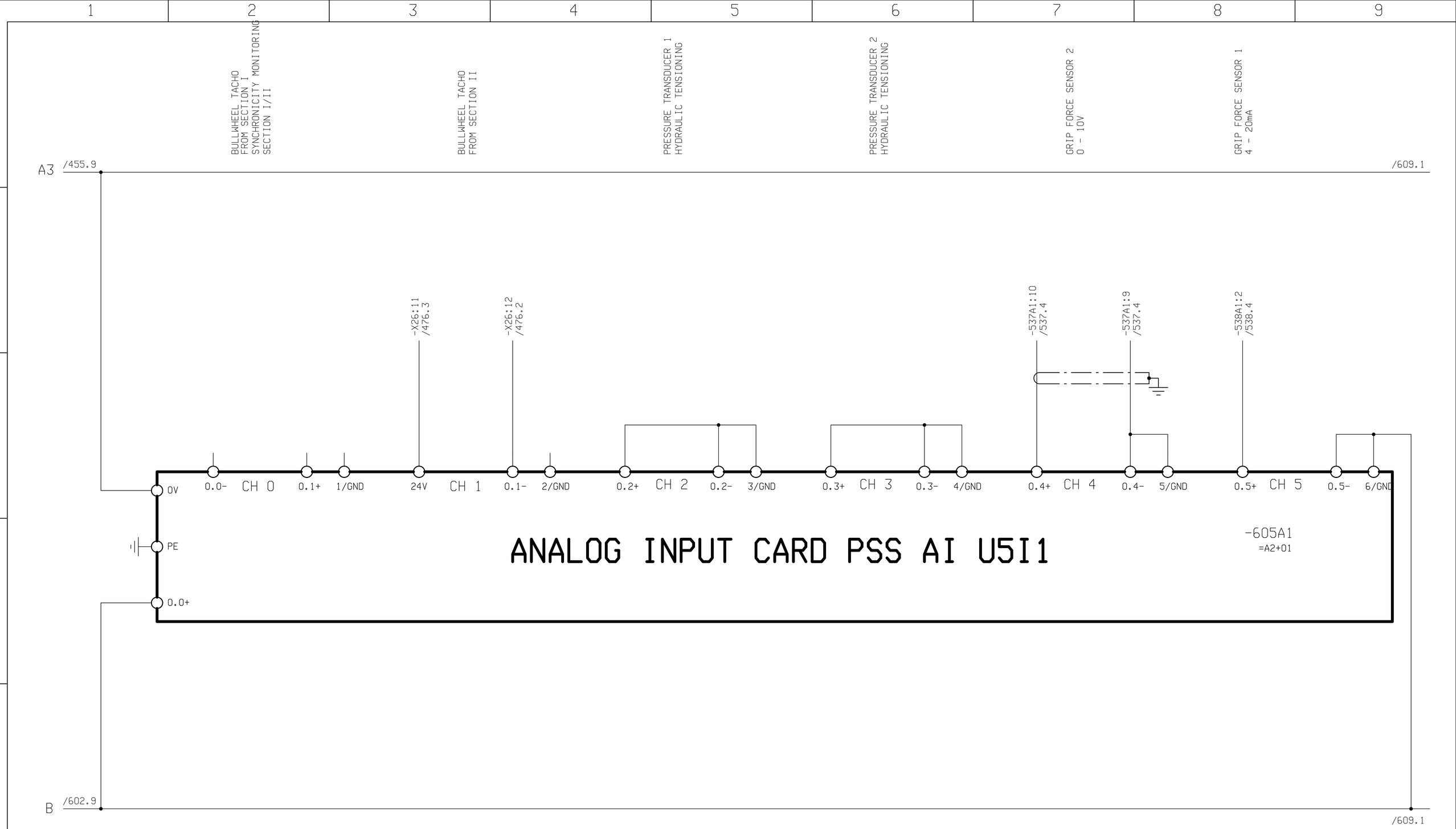
SAFETYBUS EXTENSION EW33

RETURN STATION | LV-CONTROL

=A2+01	
Date	08.06.16
Sheet :	602
Cont.sheet:	605



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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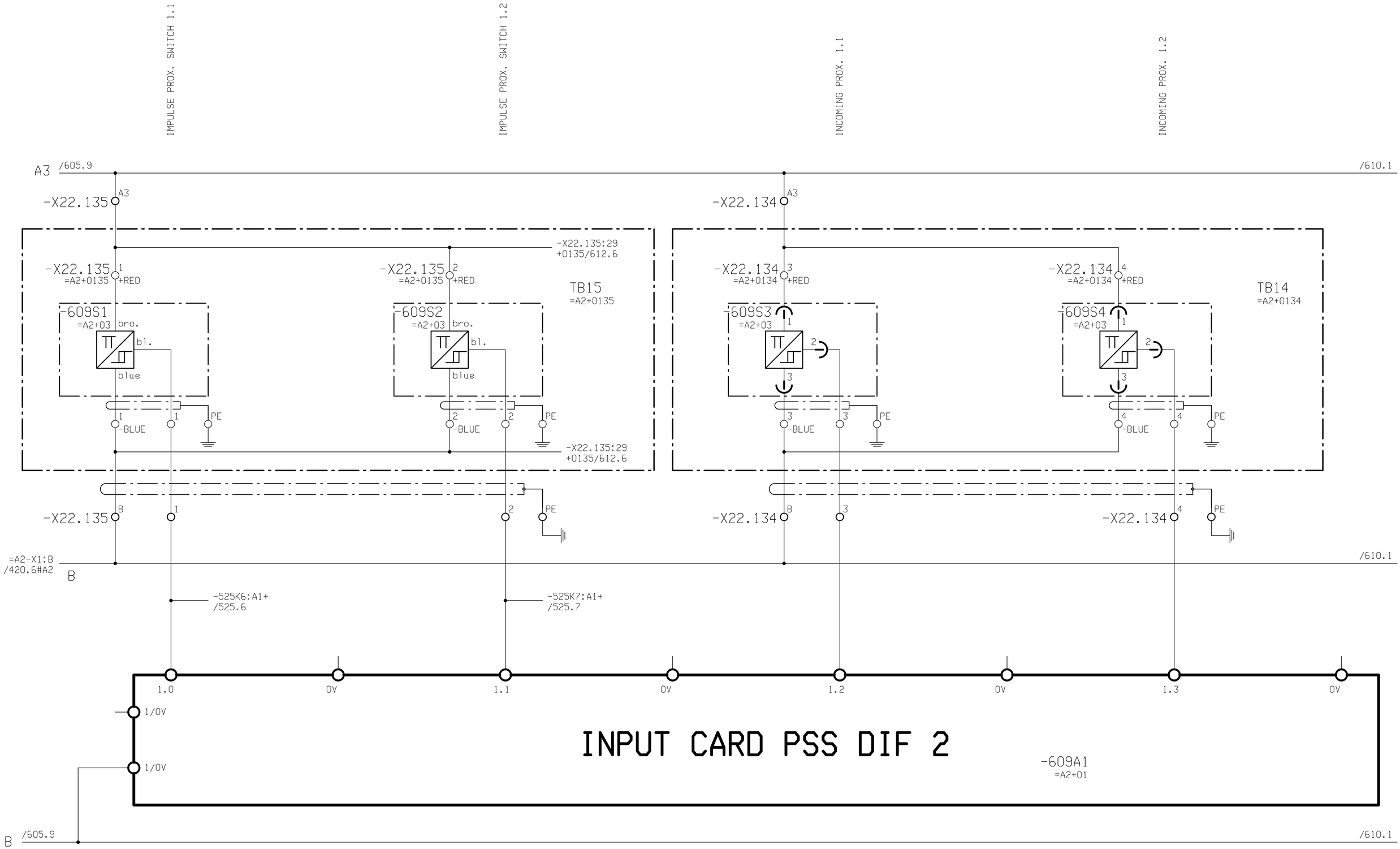
ANALOG INPUT (FS)

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	605
Cont.sheet:	609



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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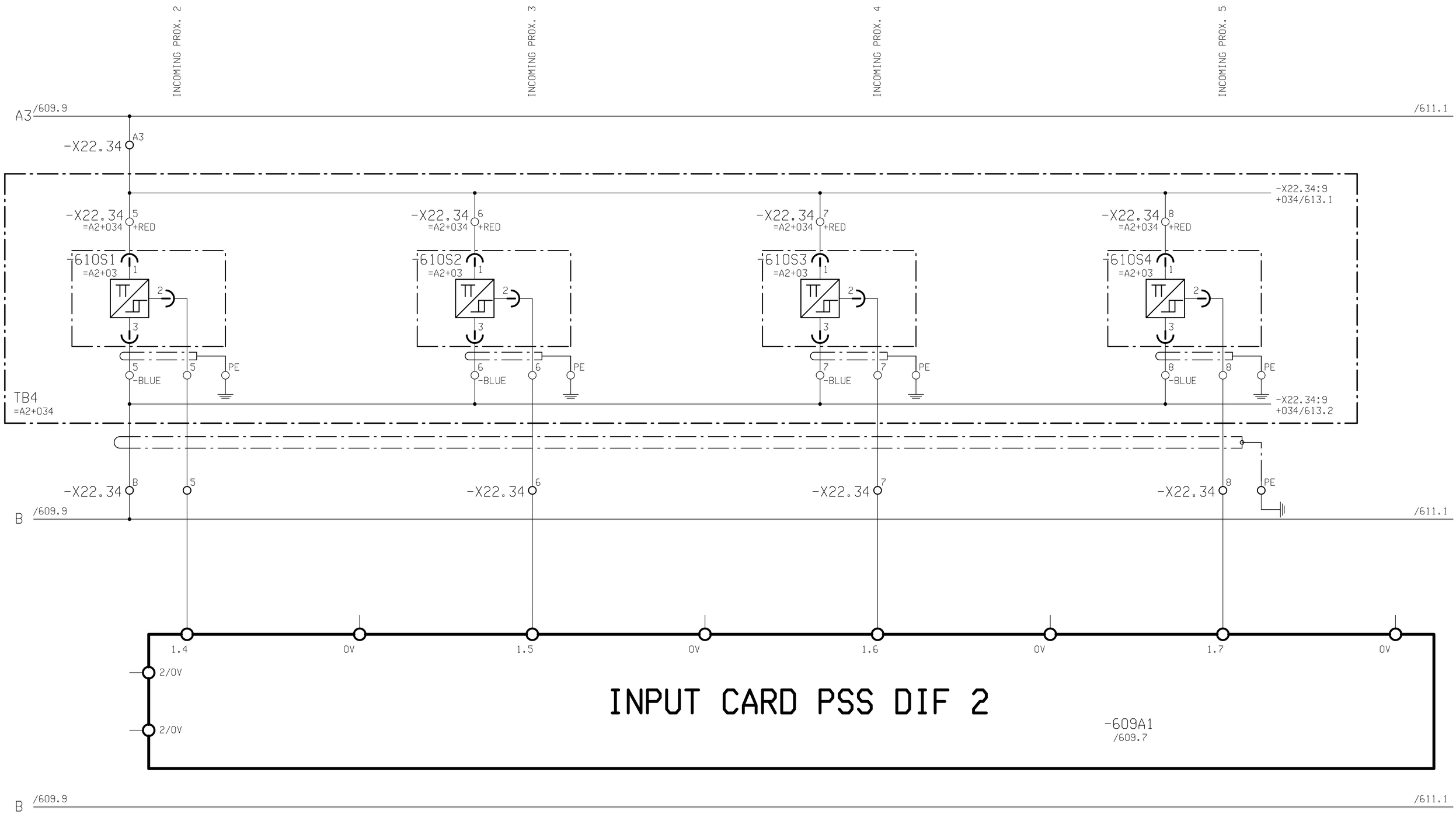
INPUT PLC (FS)

RETURN STATION | LV-CONTROL

=A2+01

Date	24.05.16
Sheet :	609
Cont.sheet:	610



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
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10-MGD BaNa4
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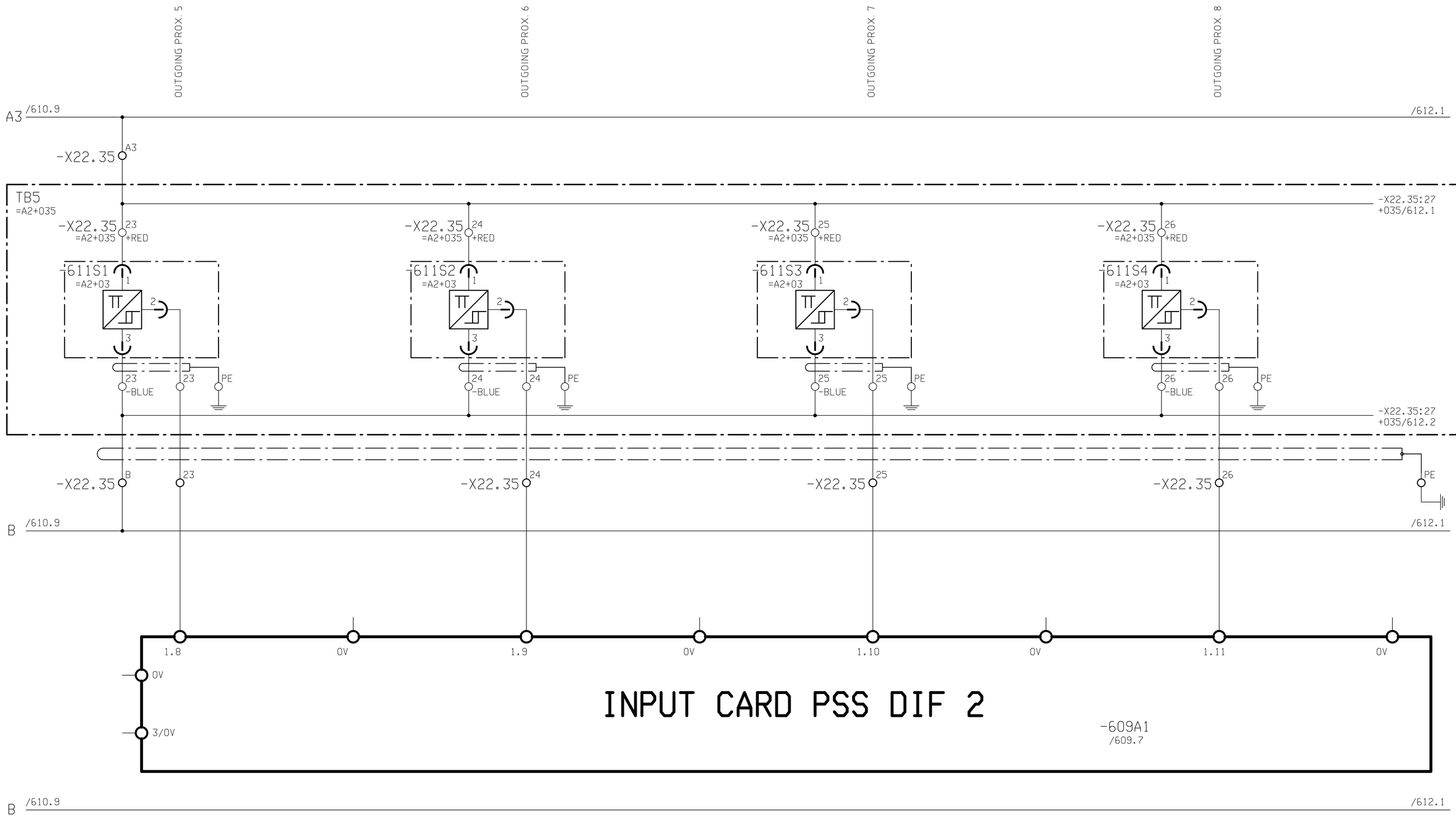
INPUT PLC (FS)

RETURN STATION | LV-CONTROL

=A2+01

Date	07.04.16
Sheet :	610
Cont.sheet:	611



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

=A2+01

Date	07.04.16
Sheet :	611
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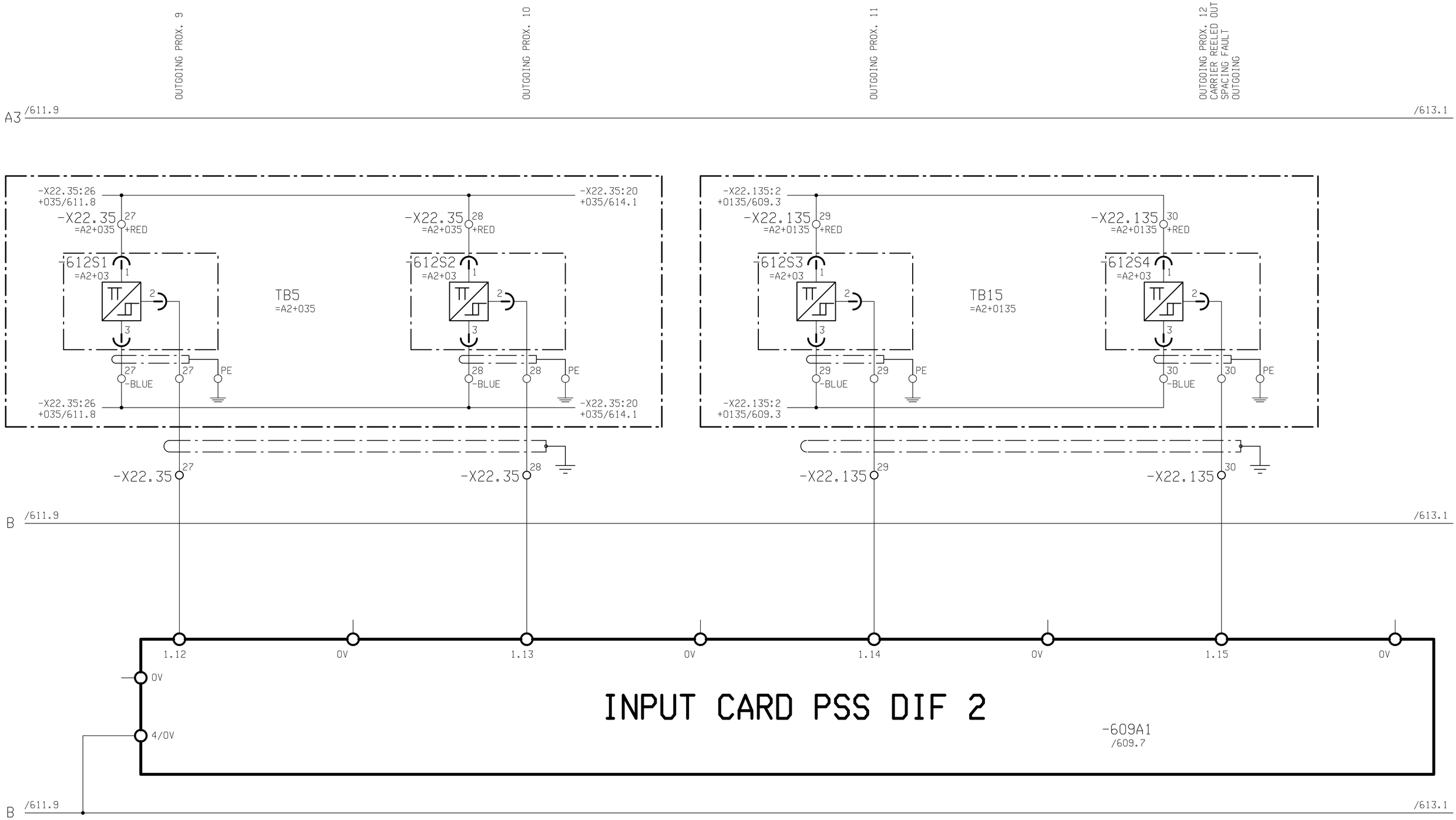

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

10-MGD BaNa4
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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
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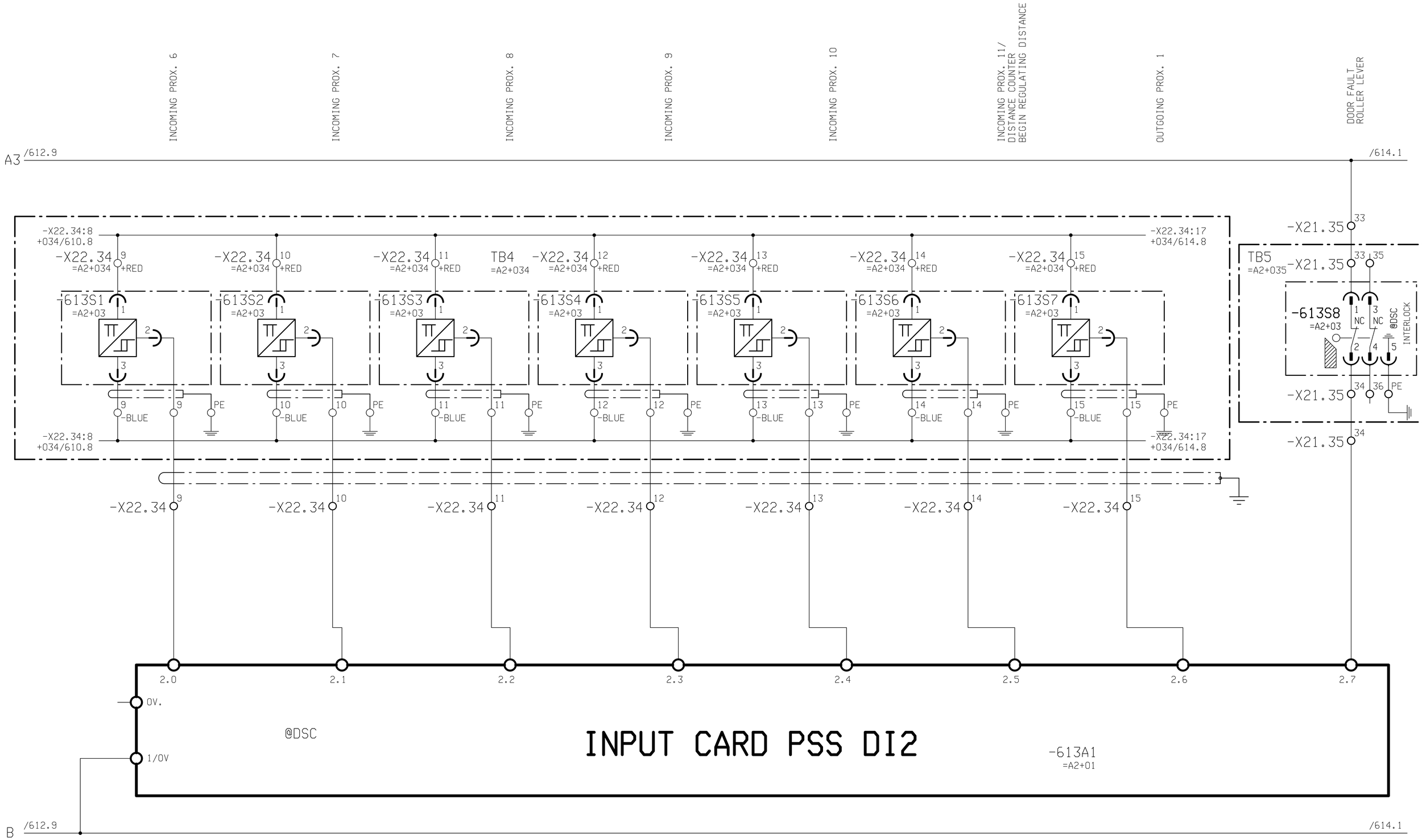

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Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

=A2+01

Date	09.06.16
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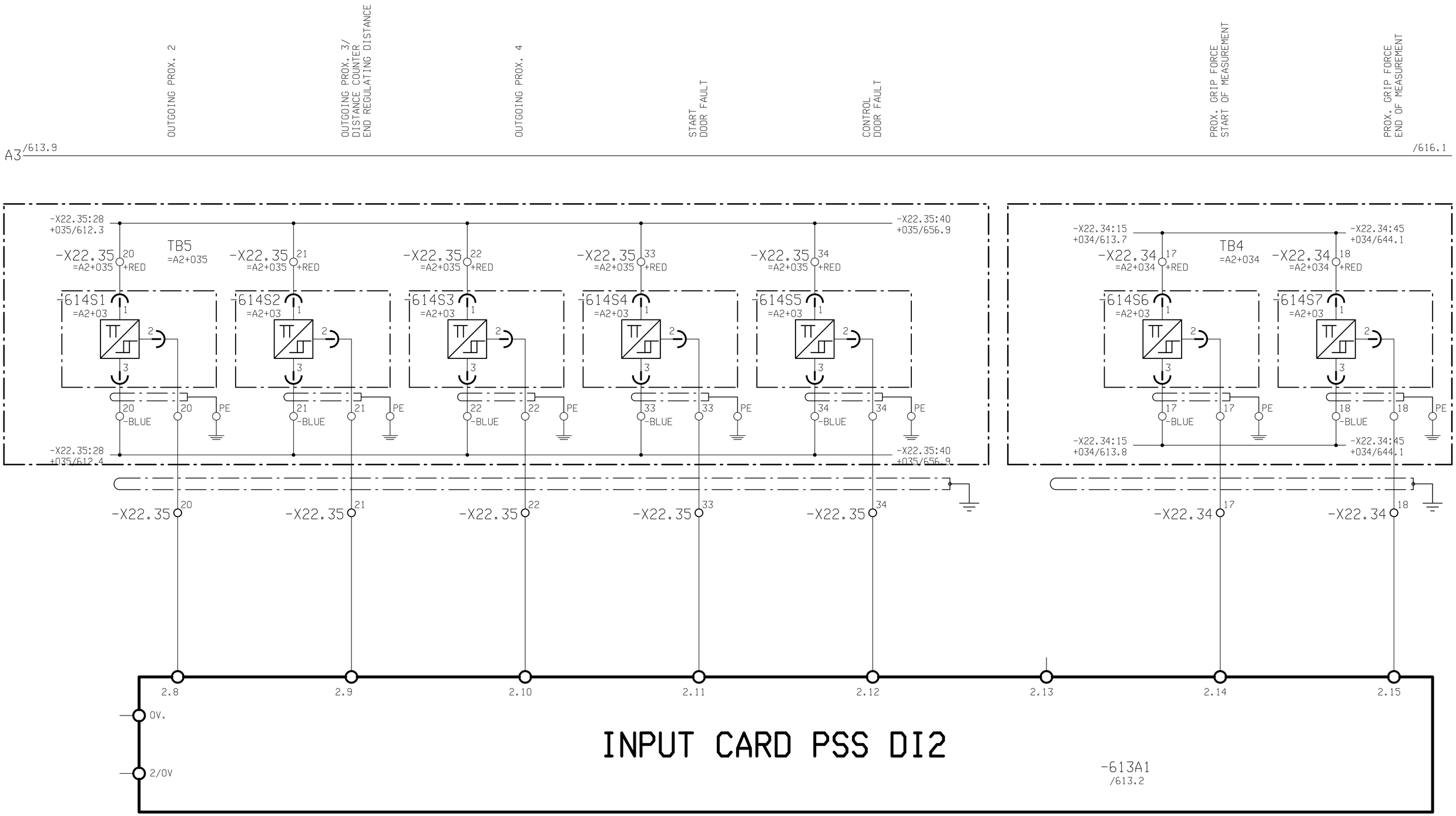

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

=A2+01

Date	09.06.16
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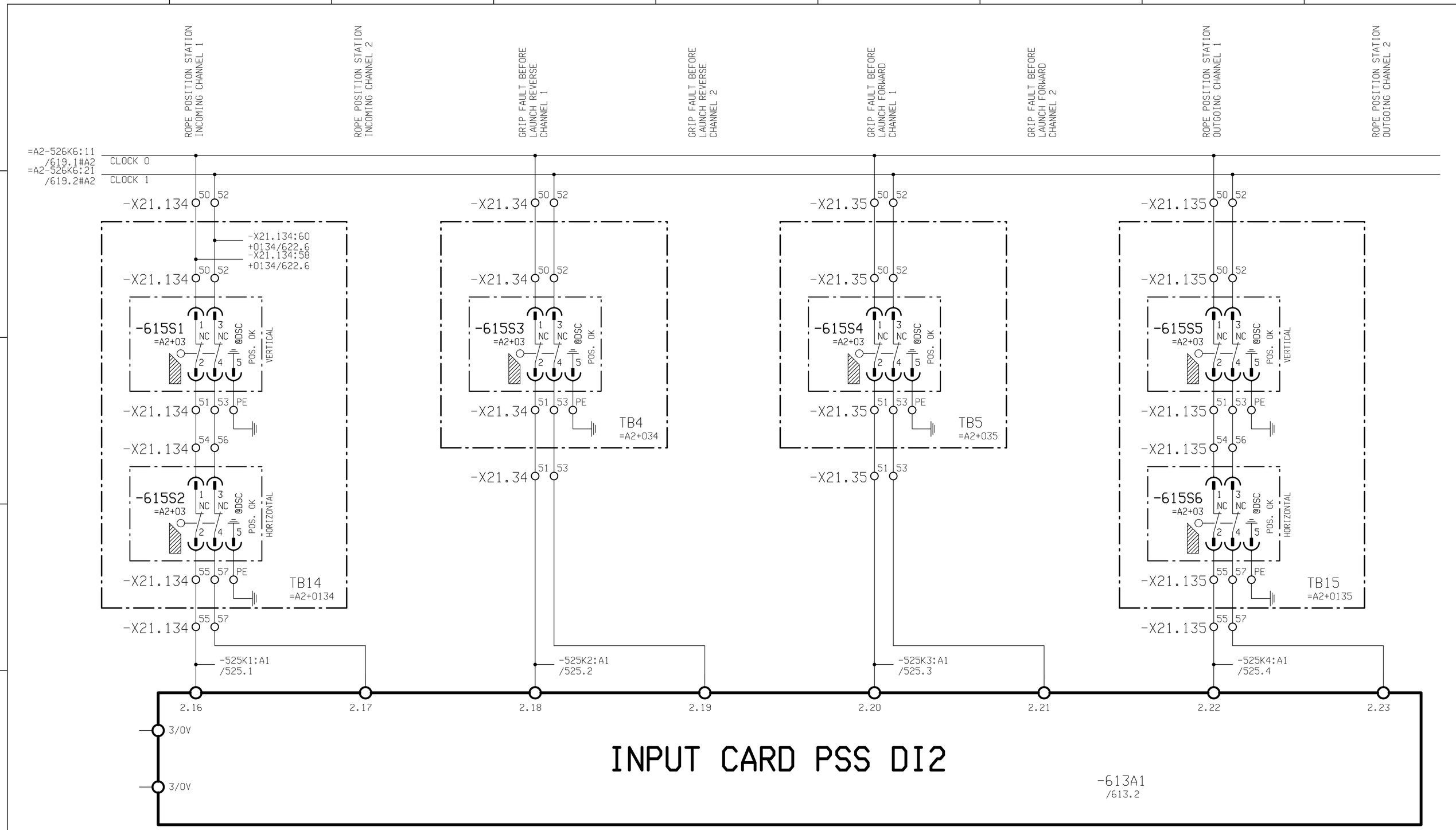

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

=A2+01

Date	23.01.17
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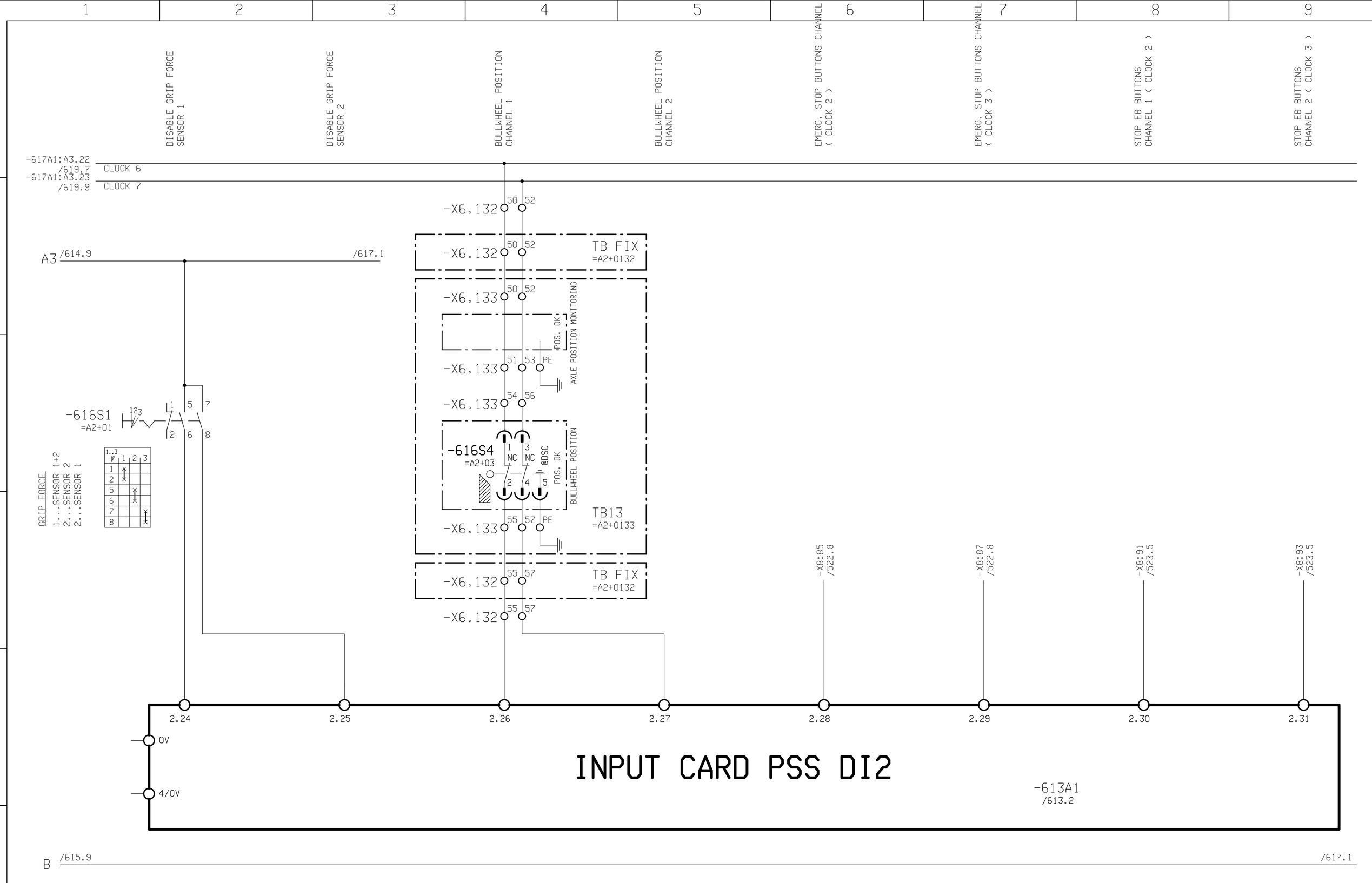

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Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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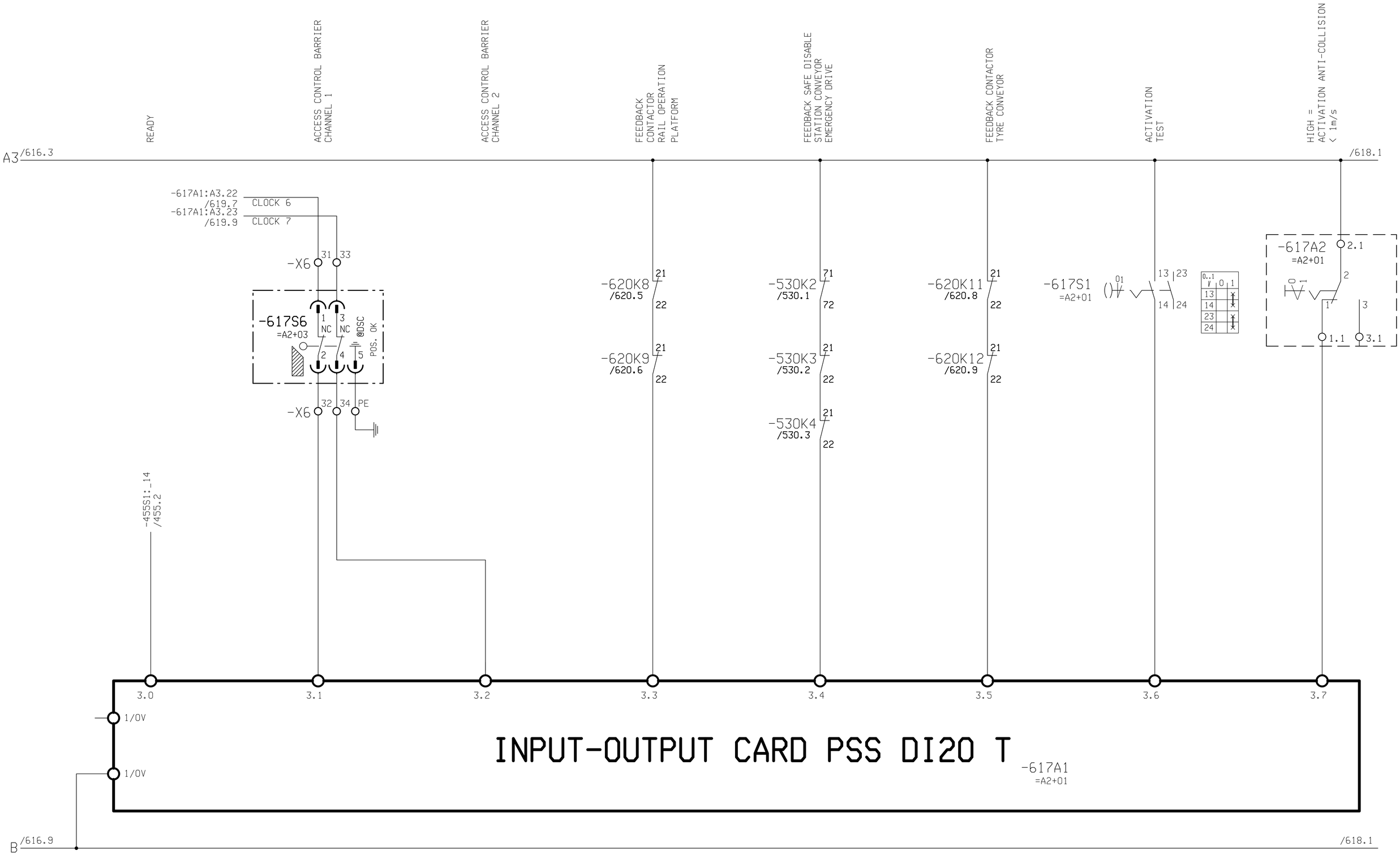
INPUT PLC (FS)

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	616
Cont.sheet:	617



Revision	2.0	Drawn by	SST
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File:	GEWAA4185		

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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

=A2+01

Date	20.01.17
Sheet :	617
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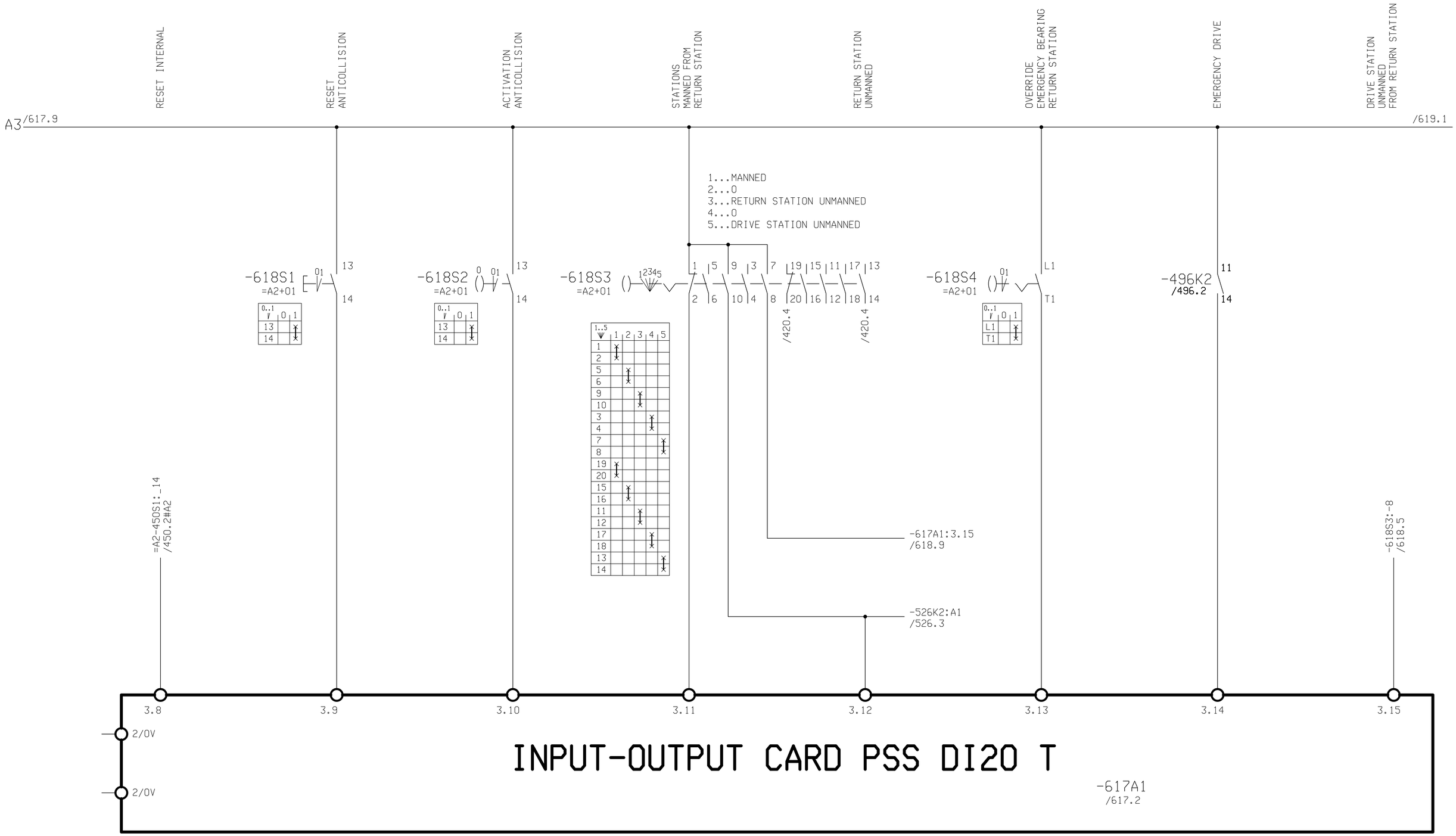

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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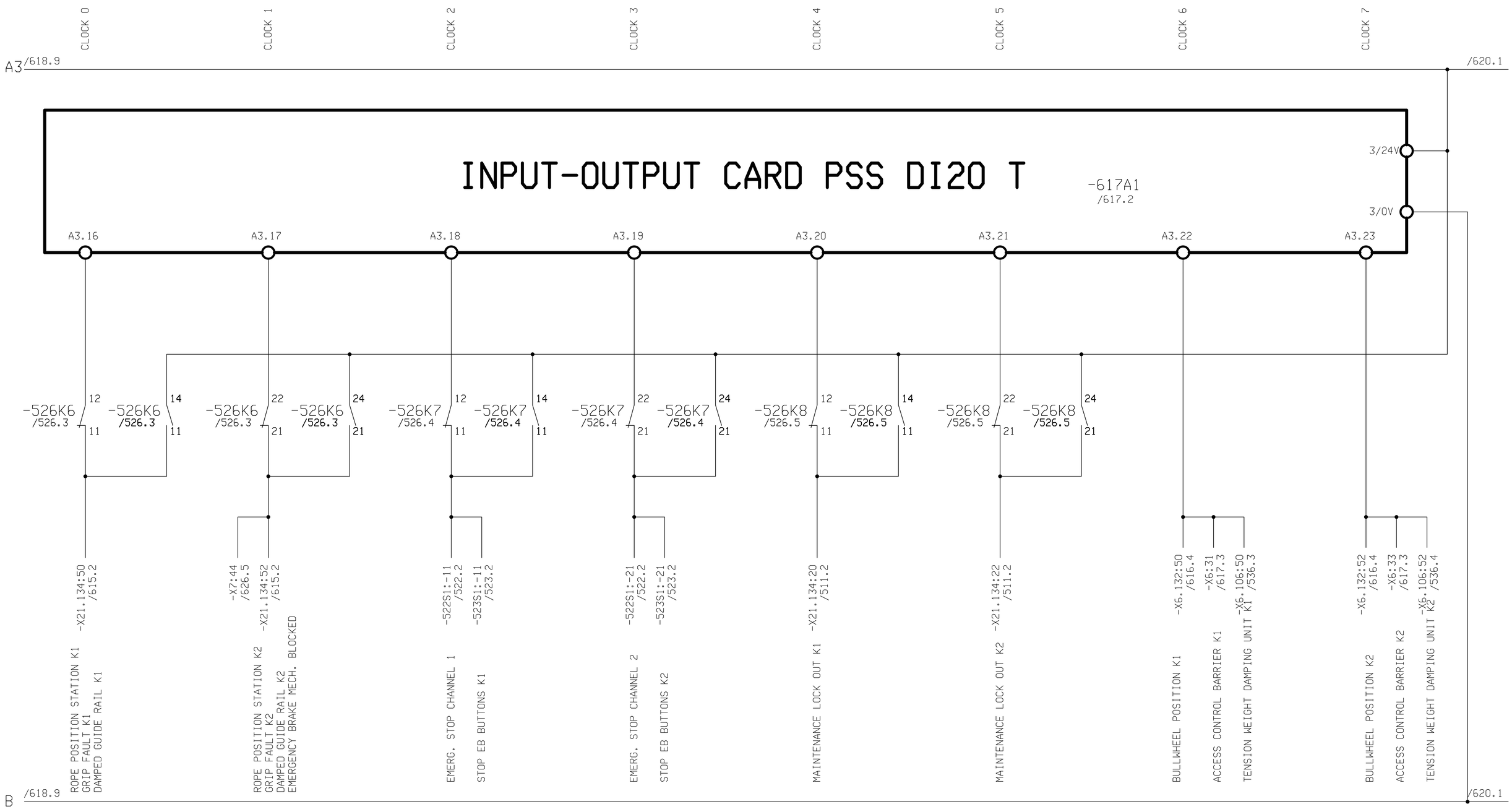
INPUT PLC (FS)

RETURN STATION | LV-CONTROL

=A2+01

Date	08.06.16
Sheet :	618
Cont.sheet:	619



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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OUTPUT PLC (FS)

RETURN STATION | LV-CONTROL

=A2+01

Date	20.01.17
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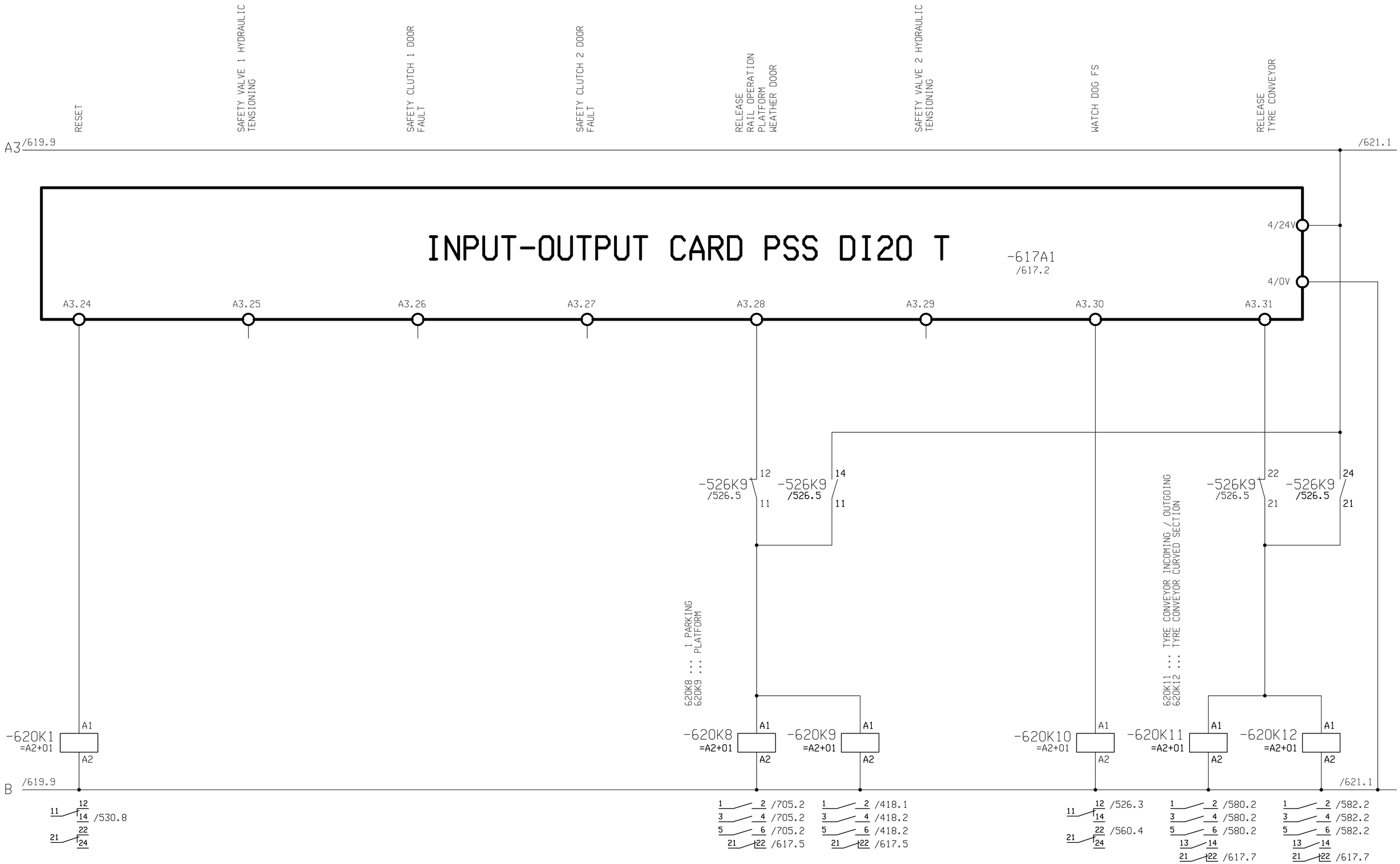

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

10-MGD BaNa4
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OUTPUT PLC (FS)

RETURN STATION | LV-CONTROL

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Date	08.06.16
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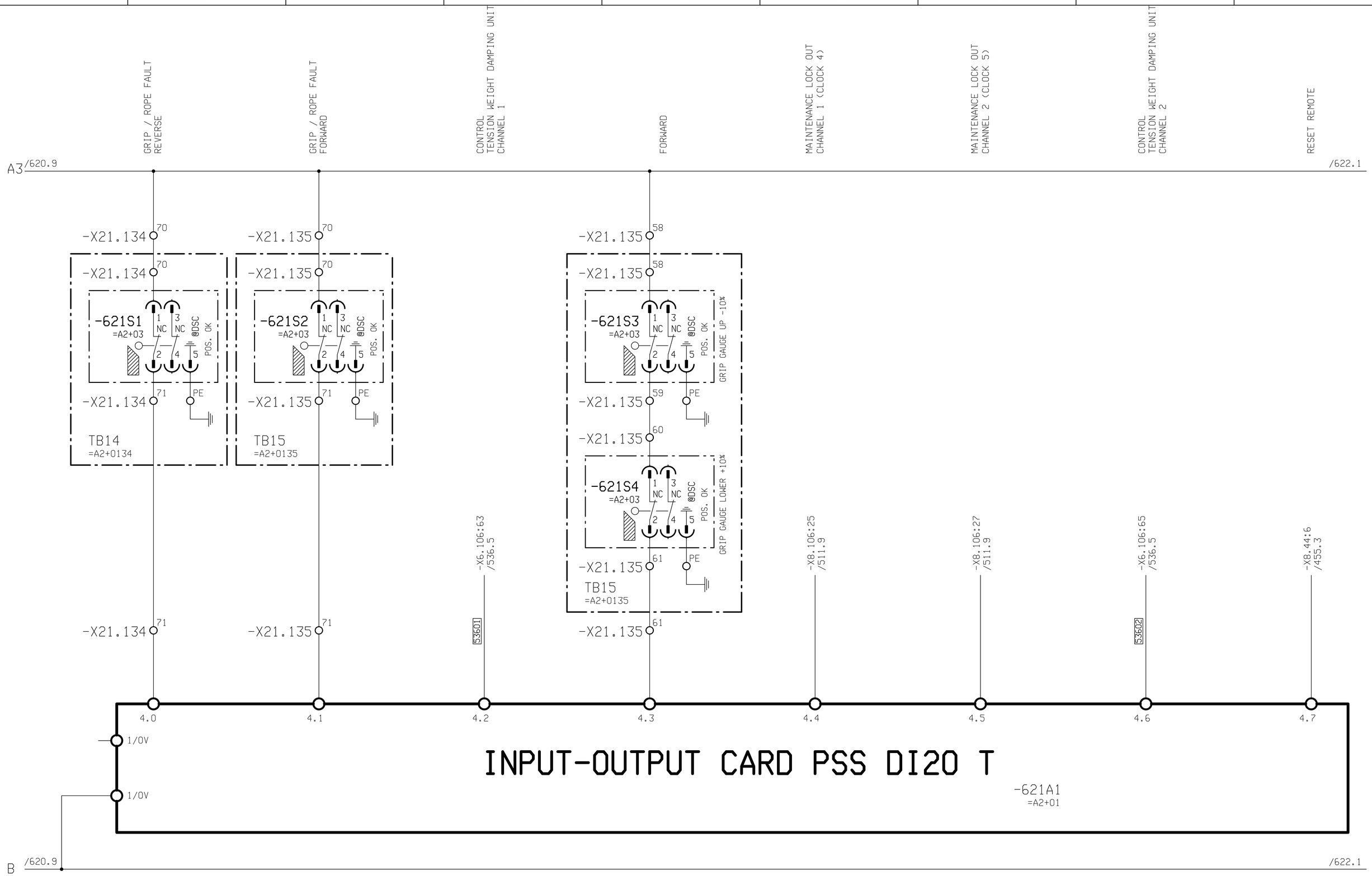

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INPUT PLC (FS)

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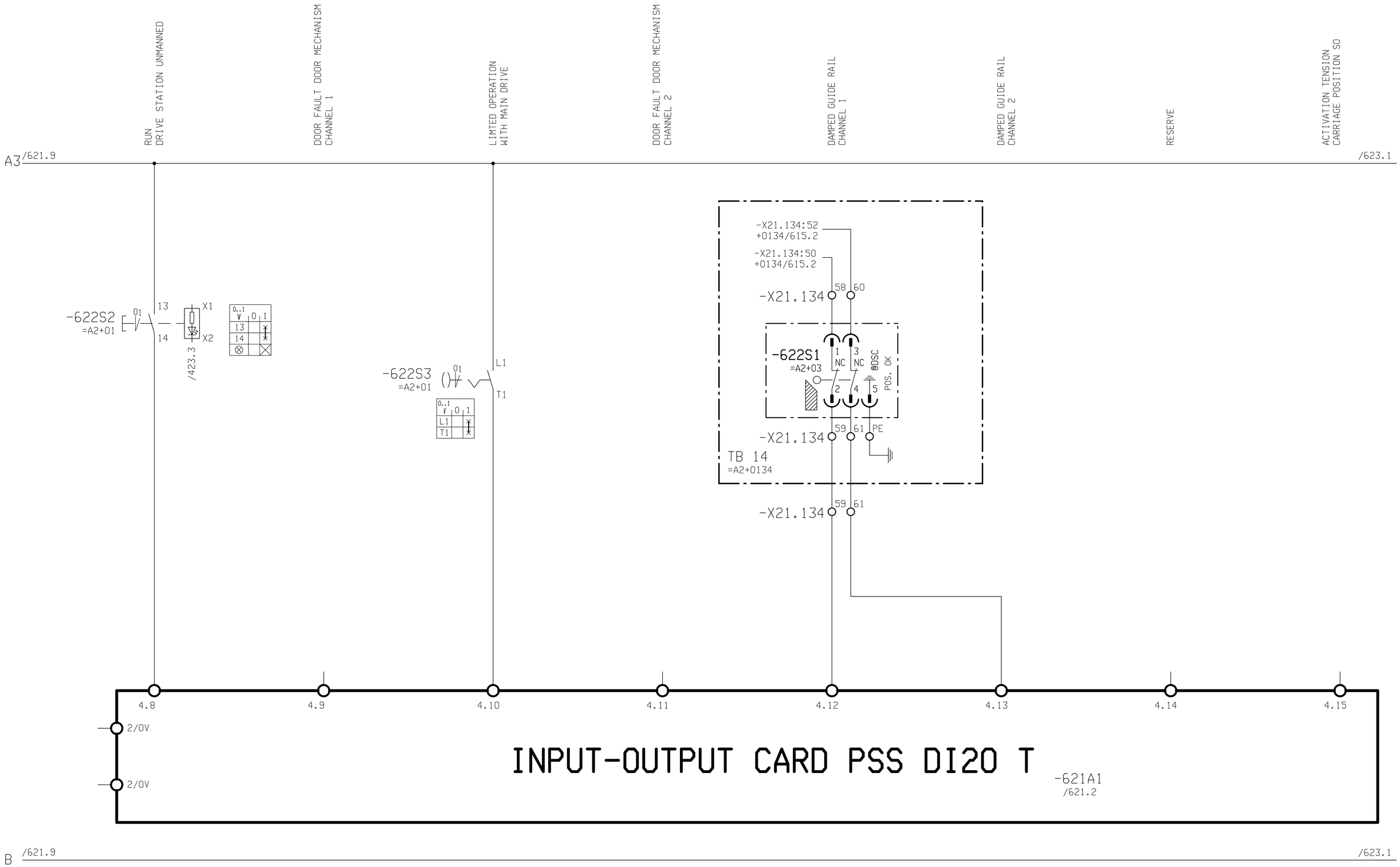

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INPUT PLC (FS)

RETURN STATION | LV-CONTROL

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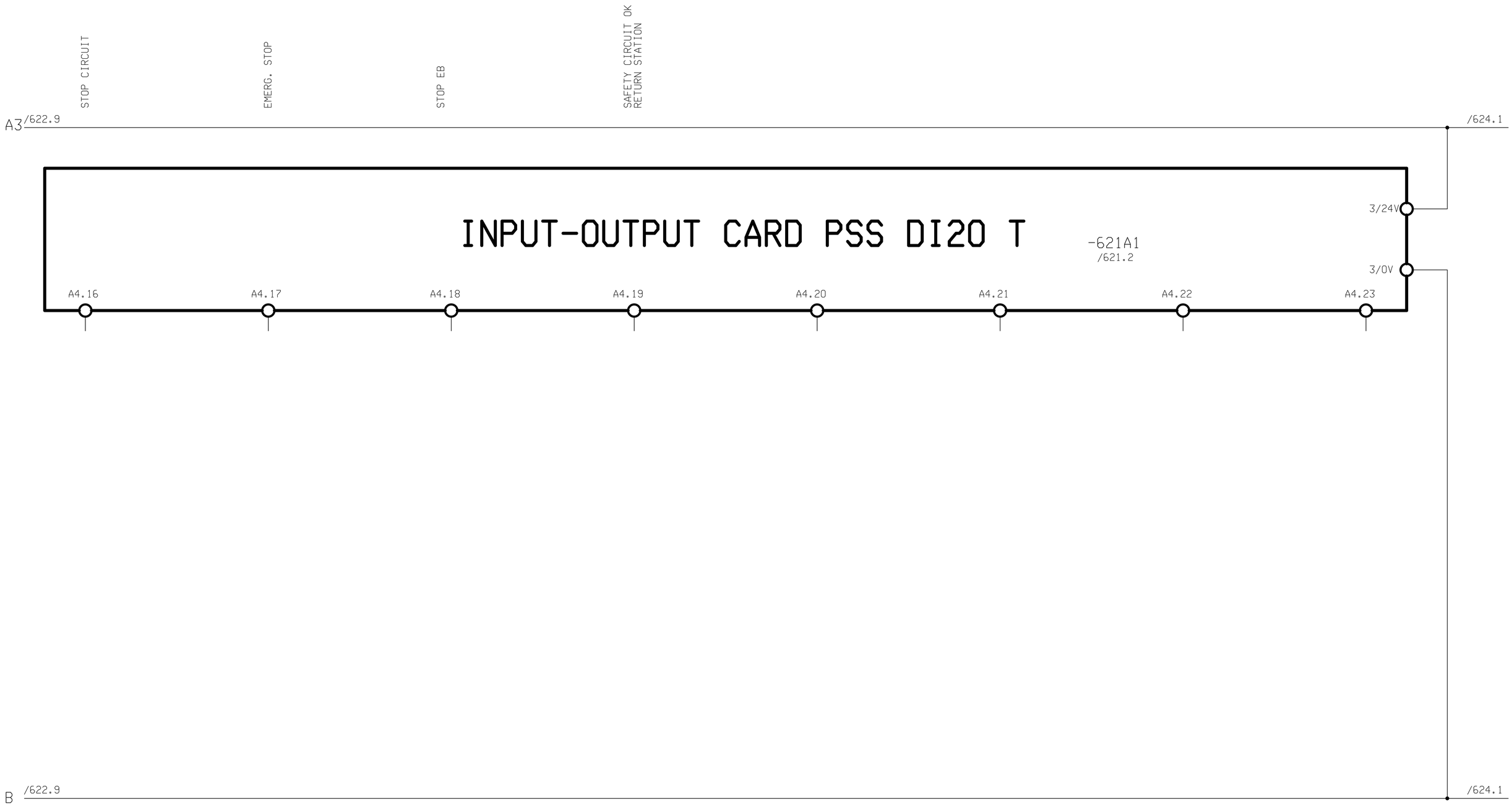

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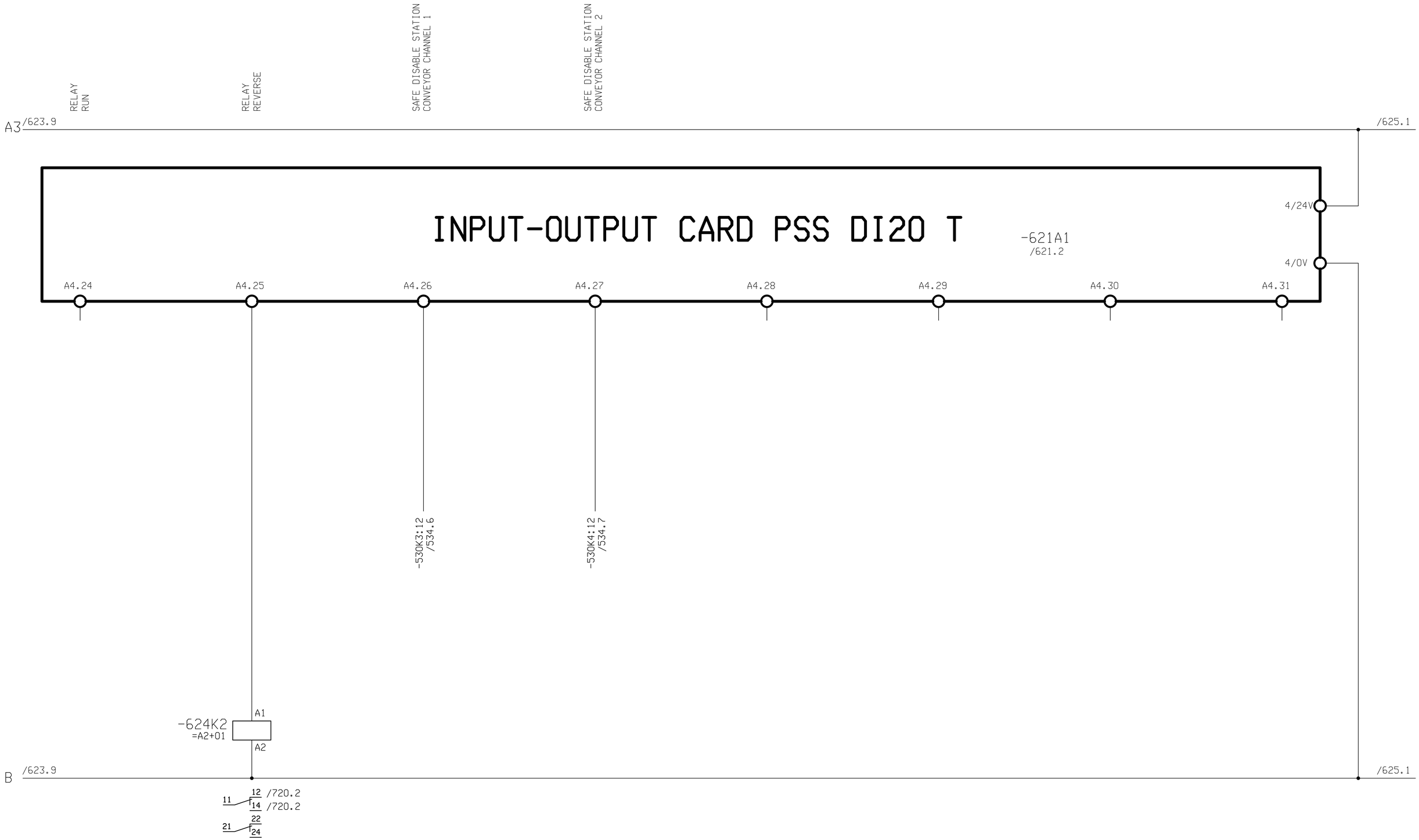

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OUTPUT PLC (FS)

RETURN STATION | LV-CONTROL

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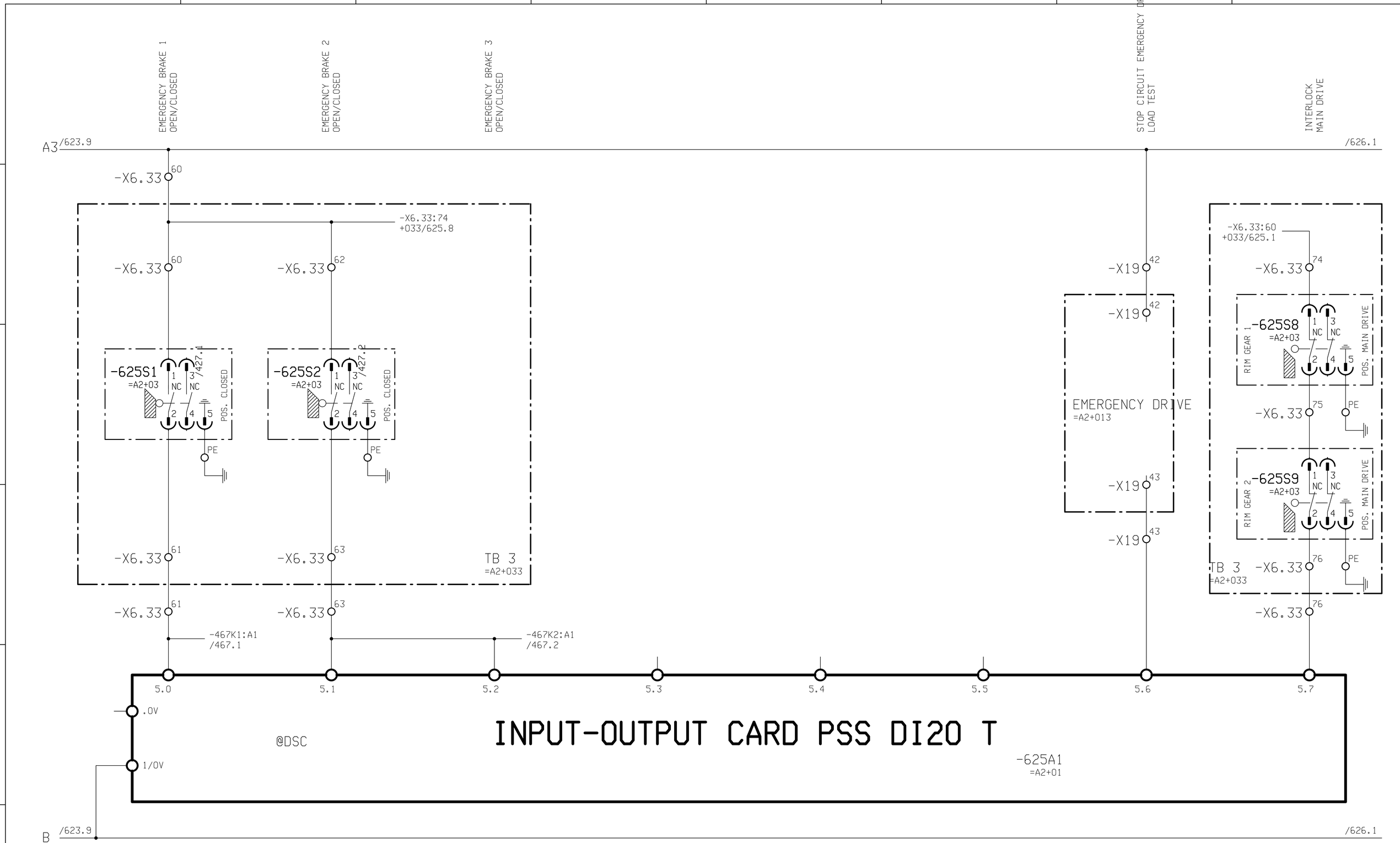

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INPUT PLC (FS)

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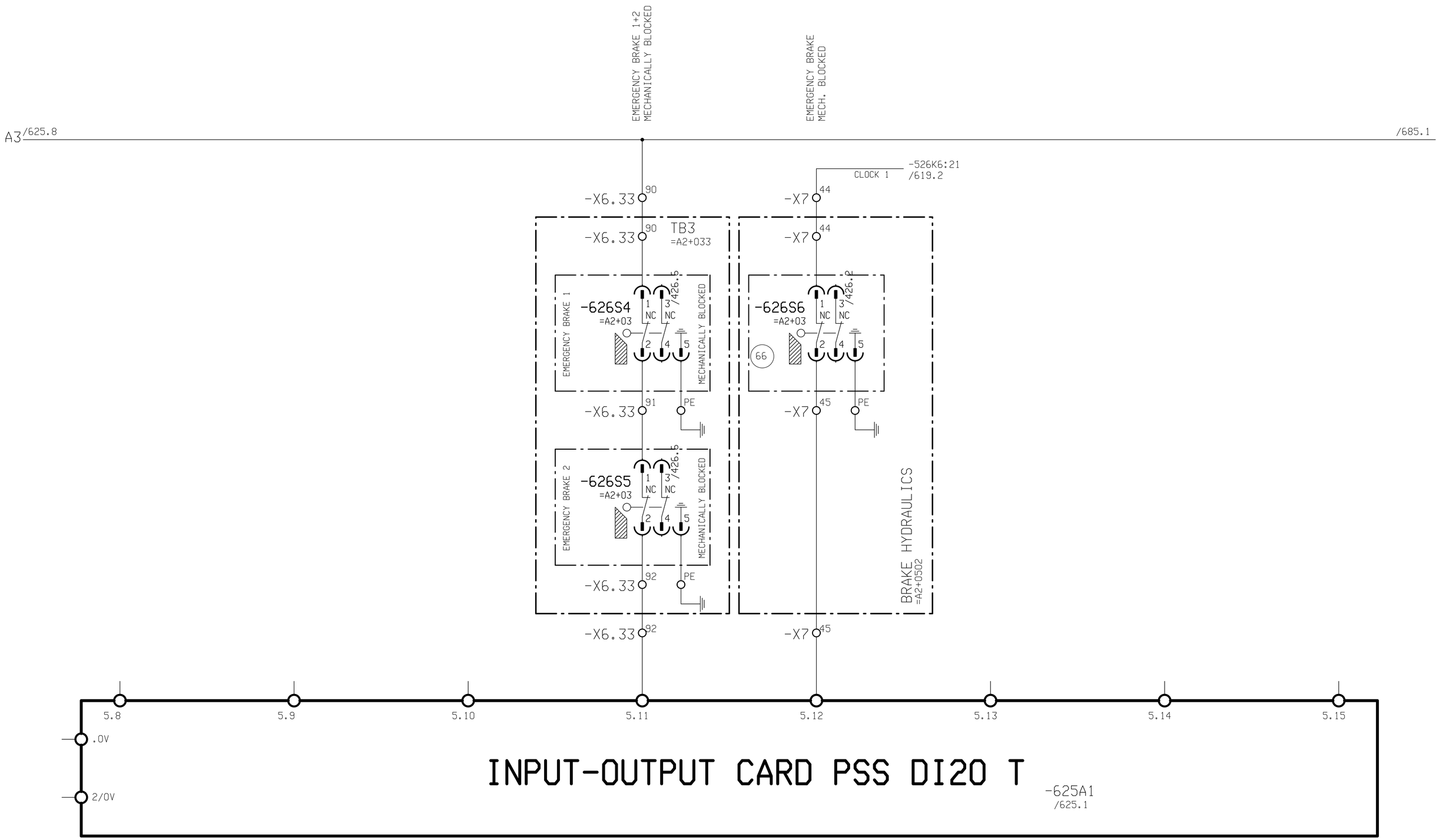

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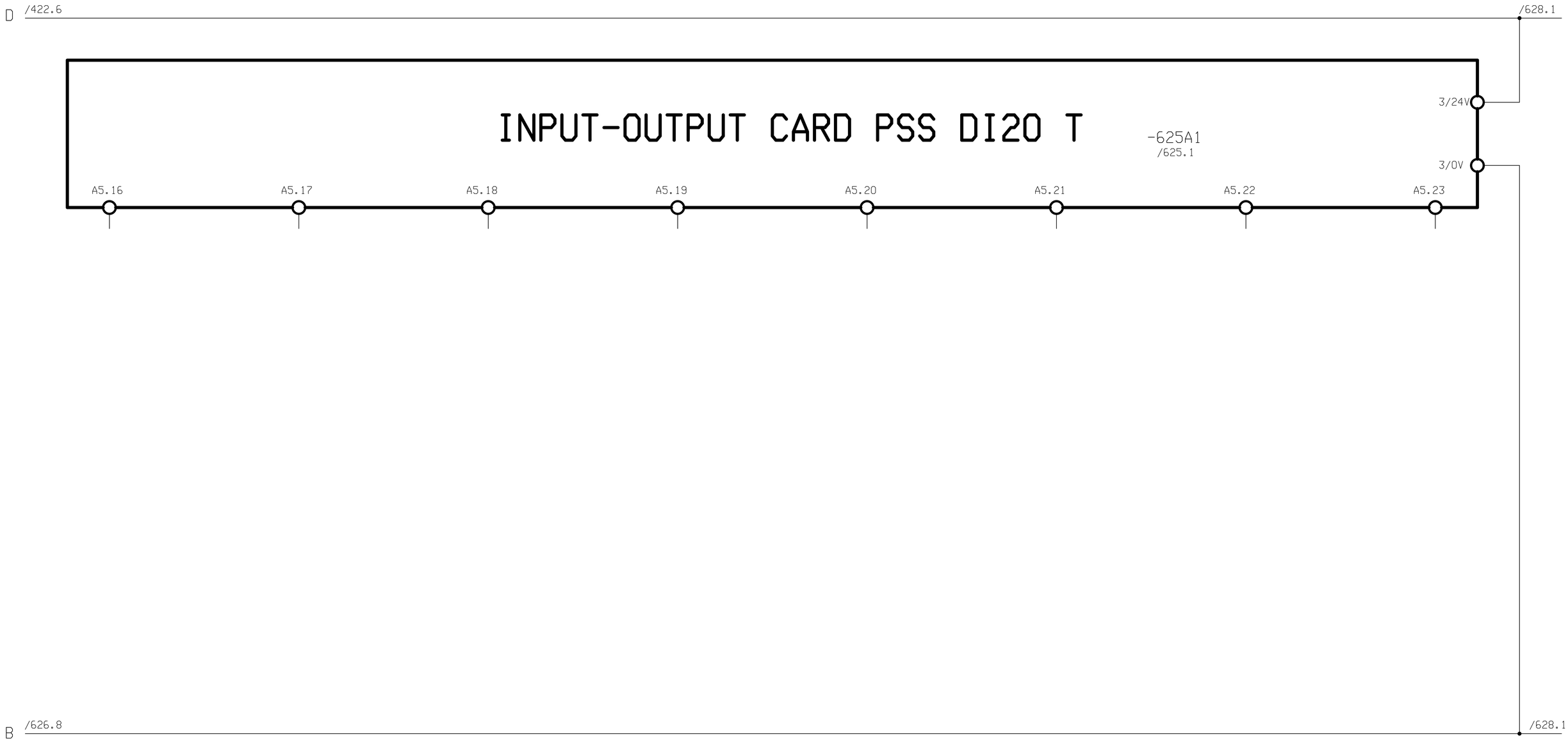

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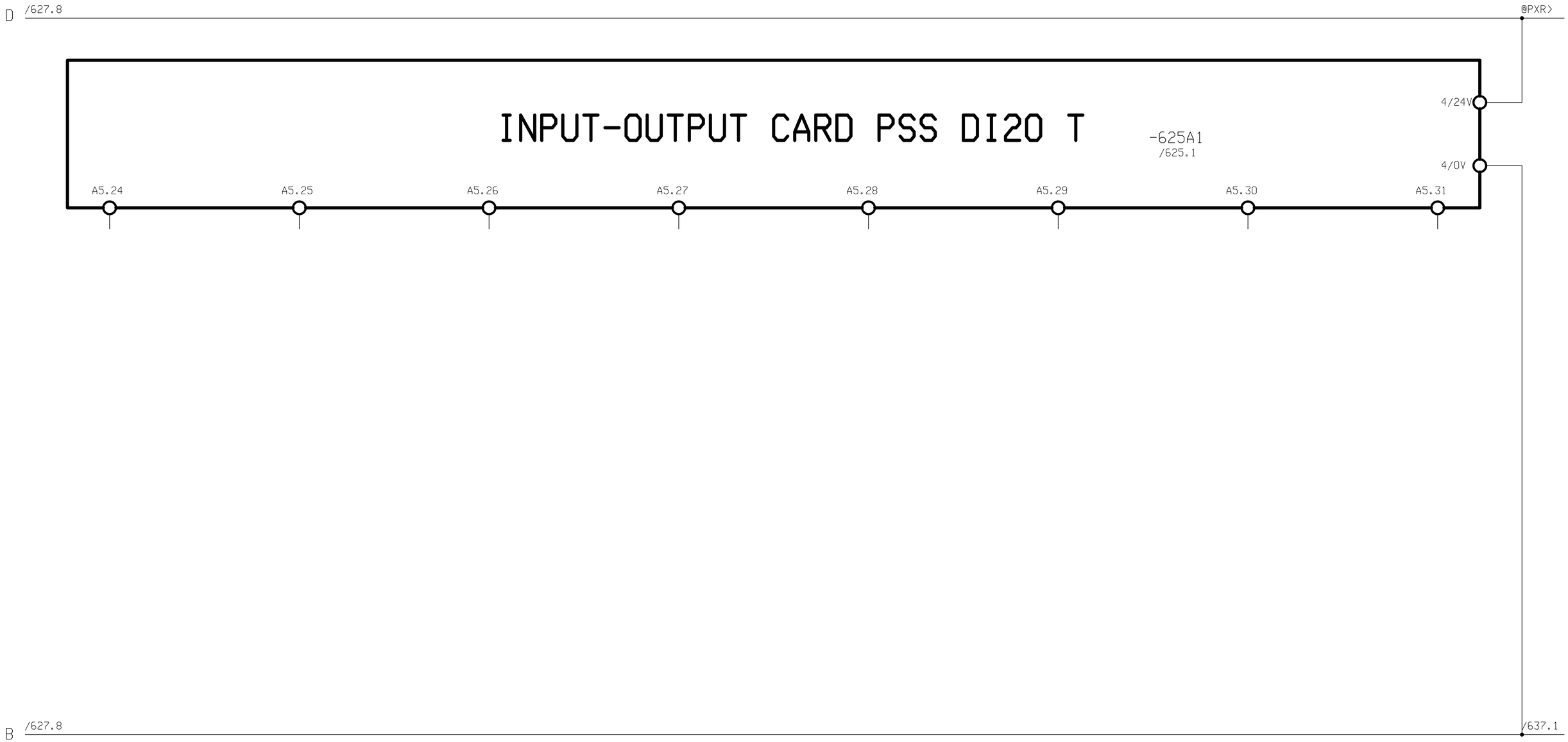

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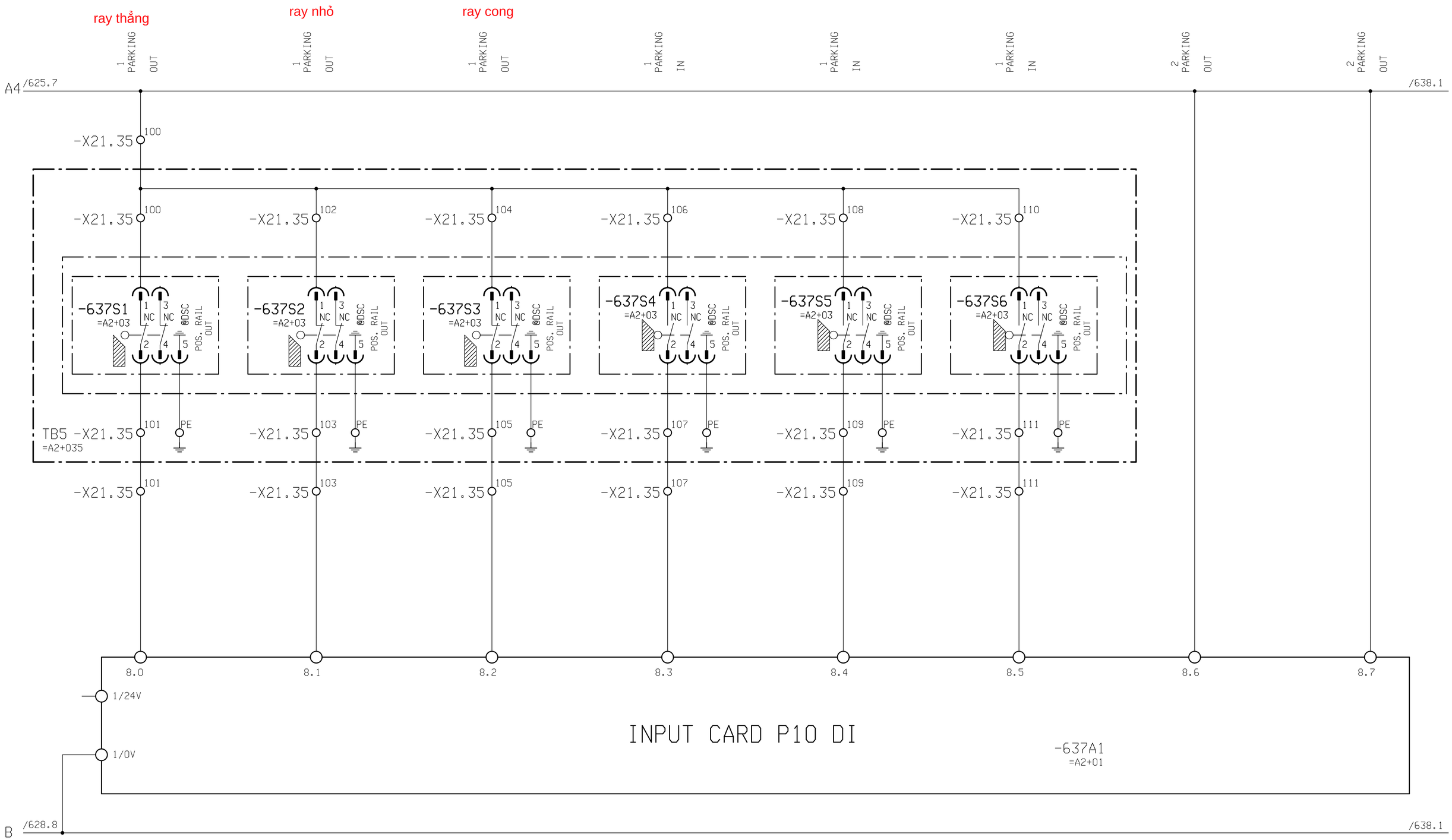

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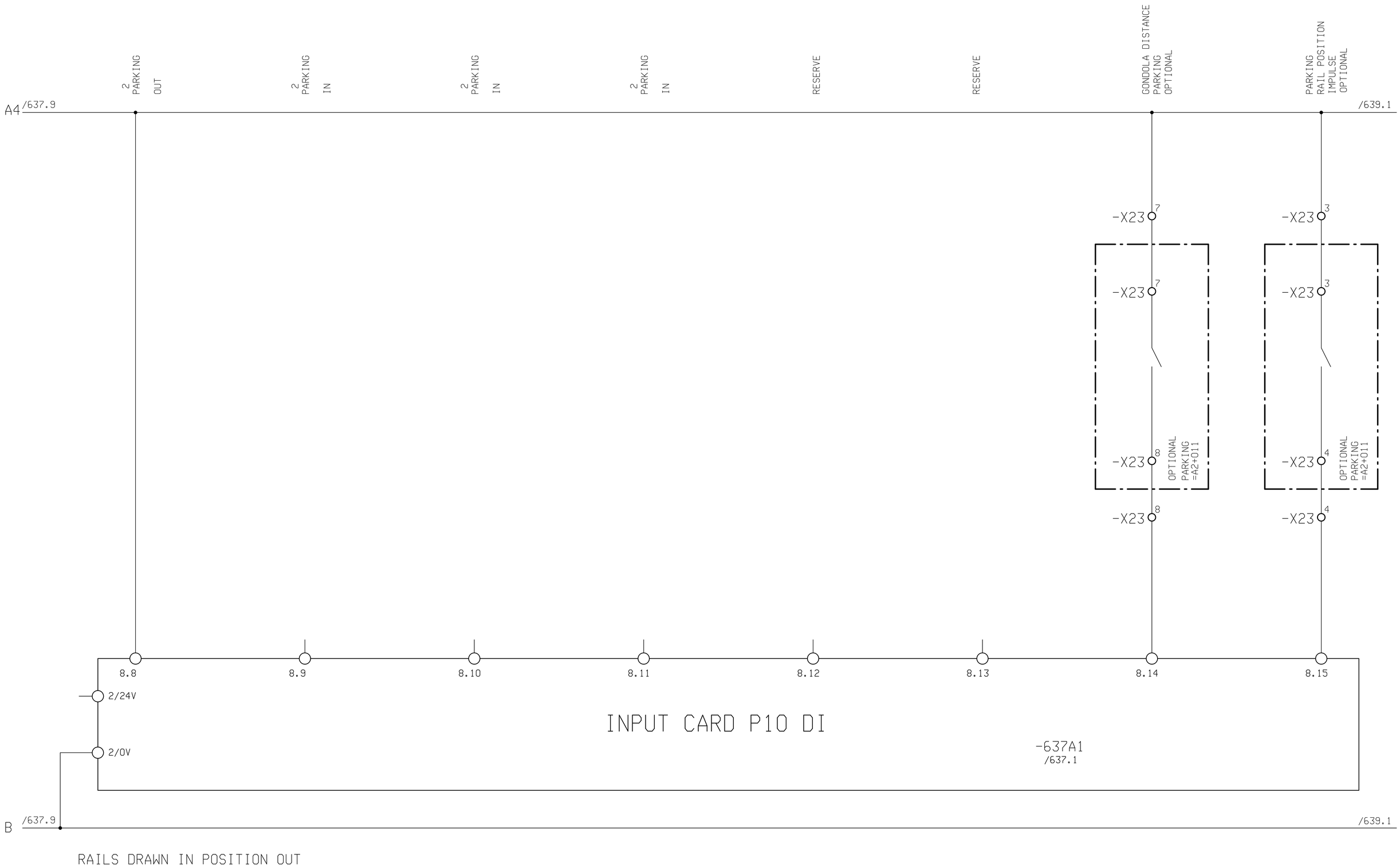

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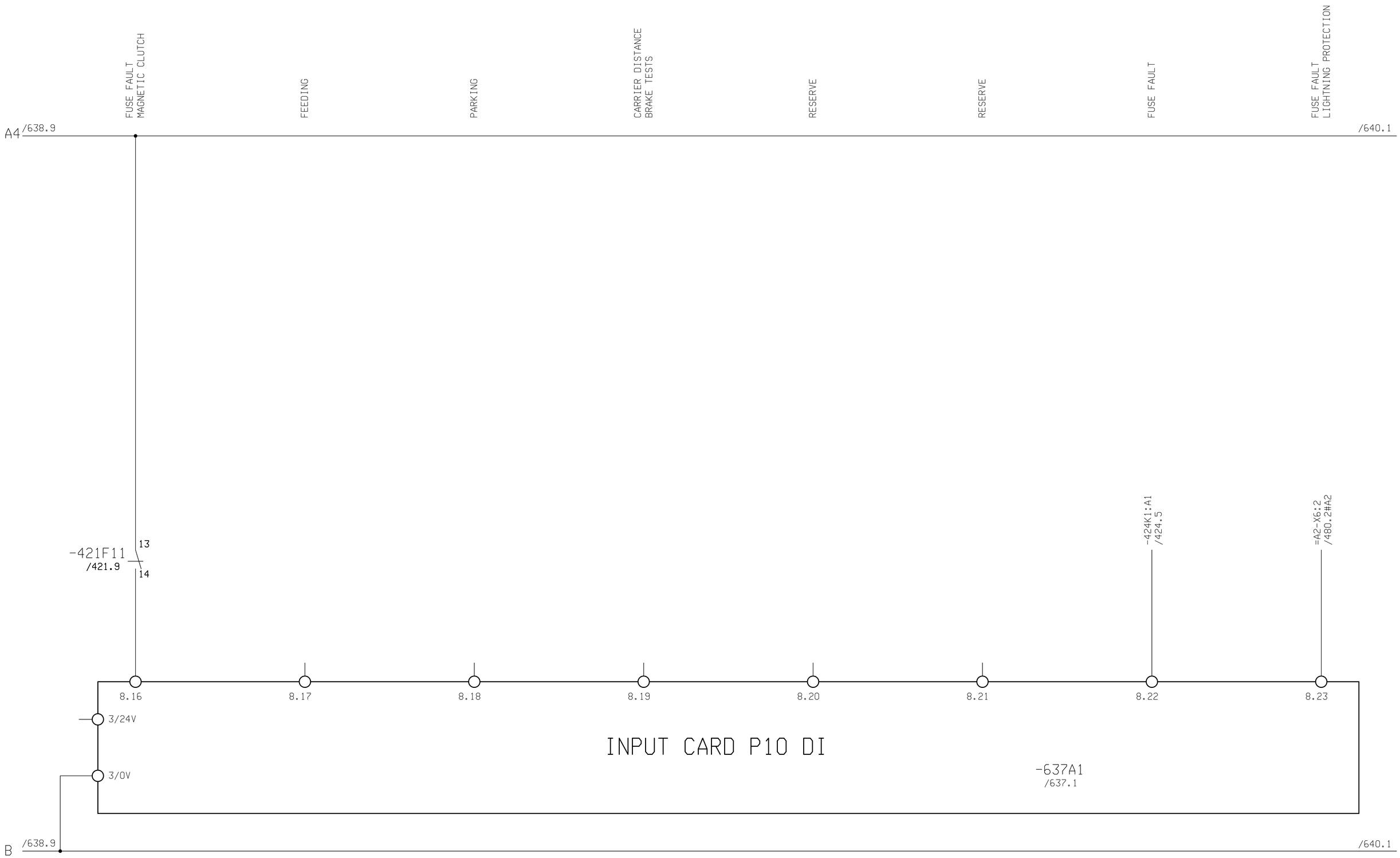

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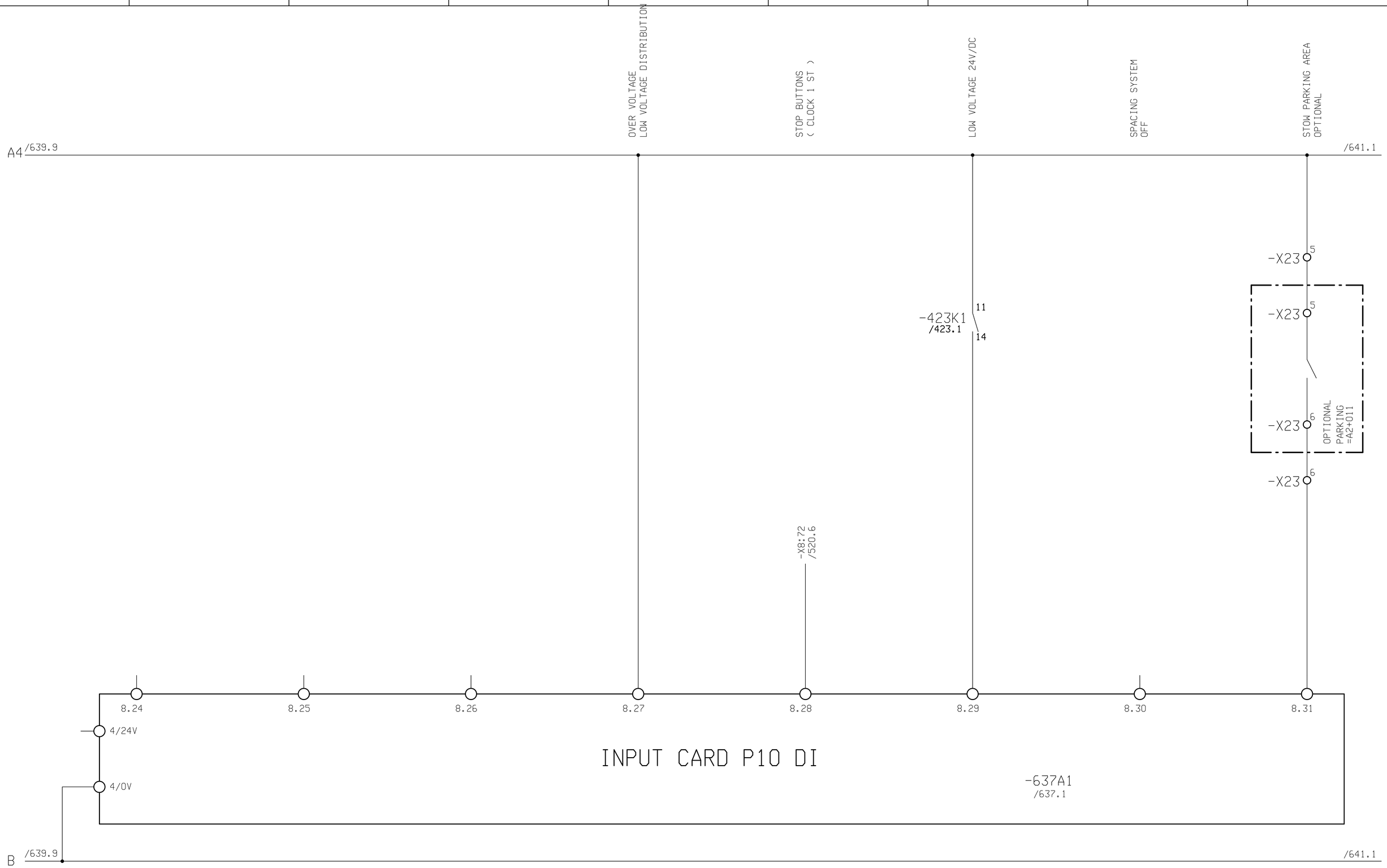

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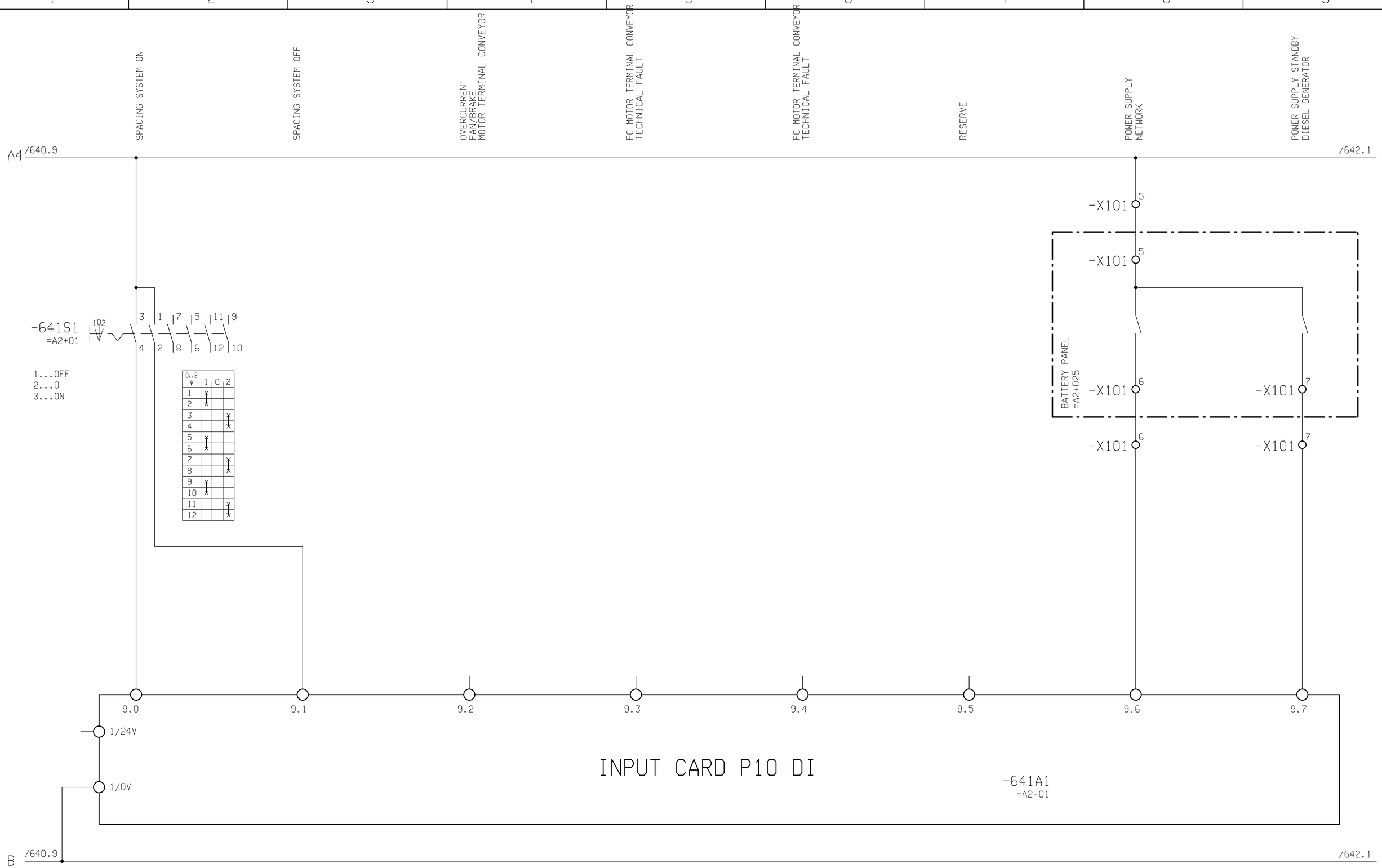

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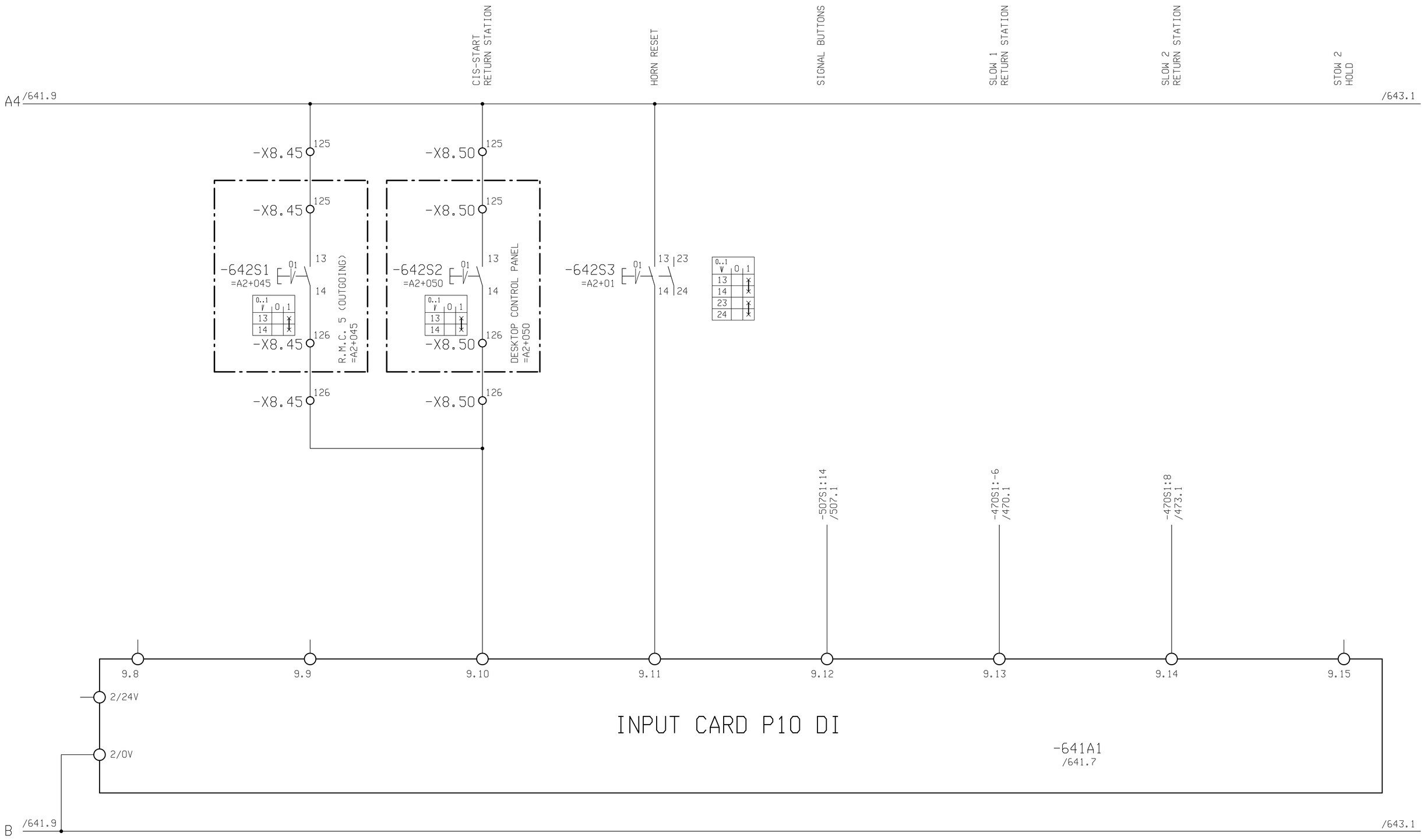

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INPUT PLC (ST)

RETURN STATION | LV-CONTROL

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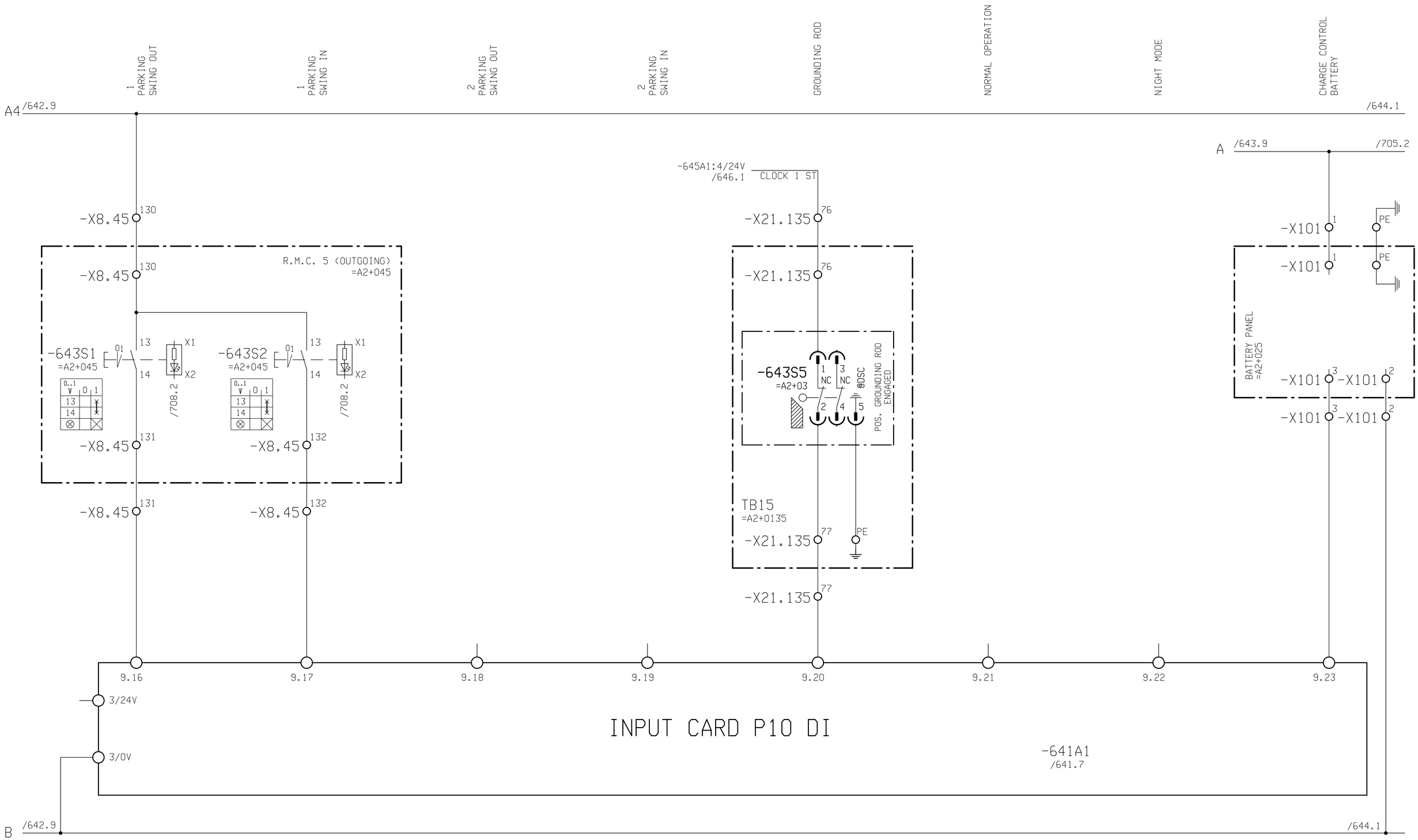

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Date	20.01.17	Dr.ch.by	FMa

File: GEWAA4185

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INPUT PLC (ST)

RETURN STATION | LV-CONTROL

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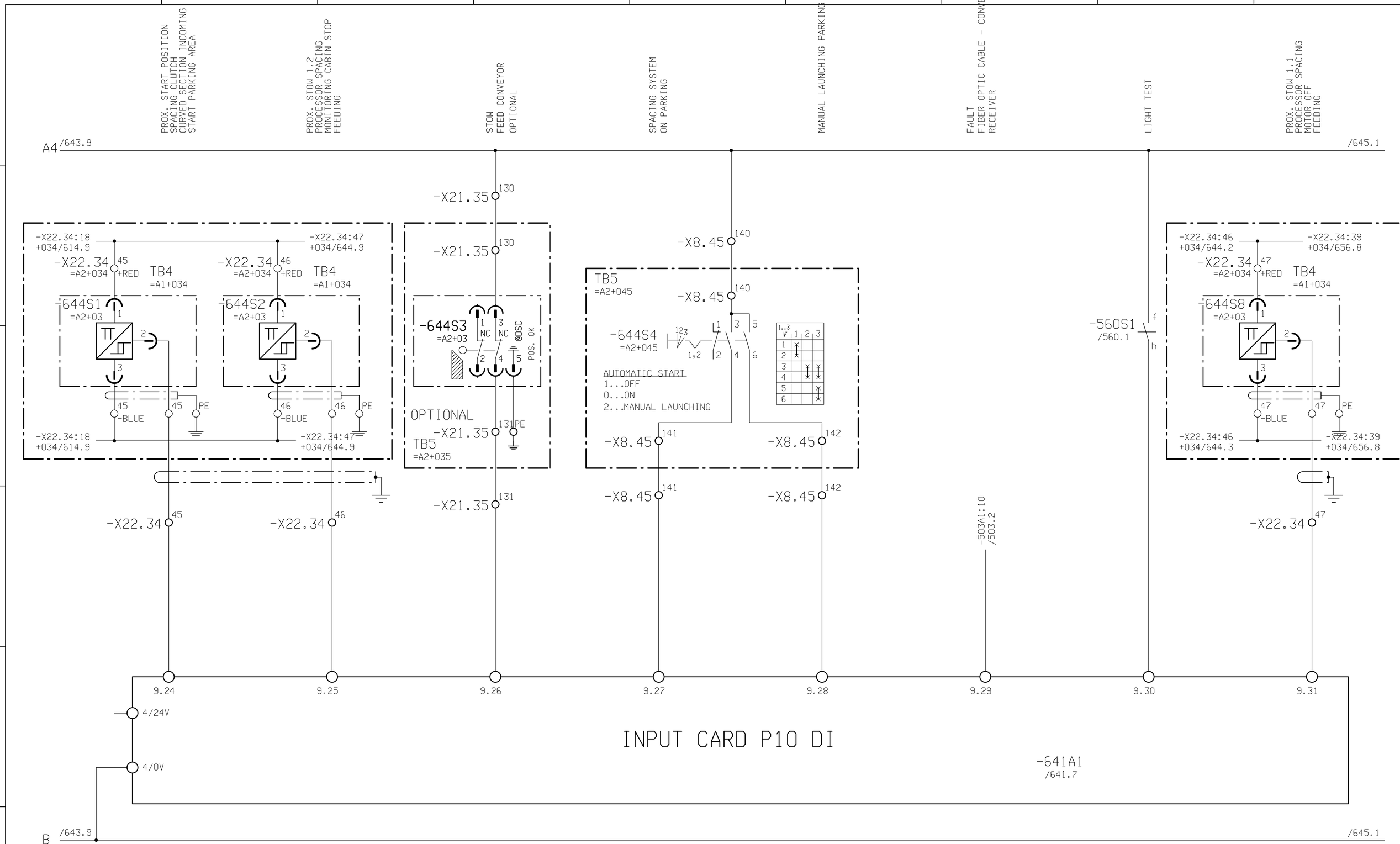

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RETURN STATION | LV-CONTROL

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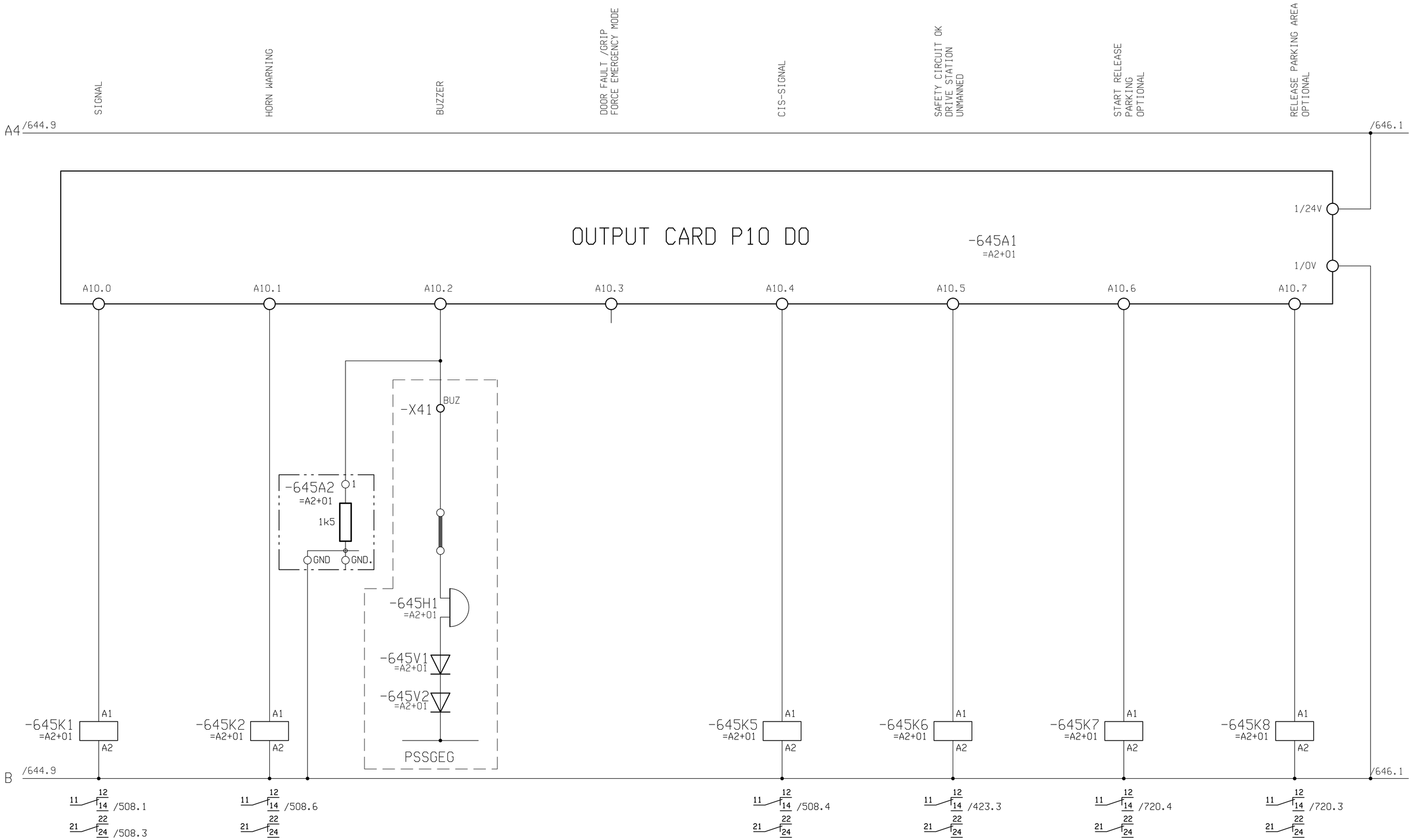

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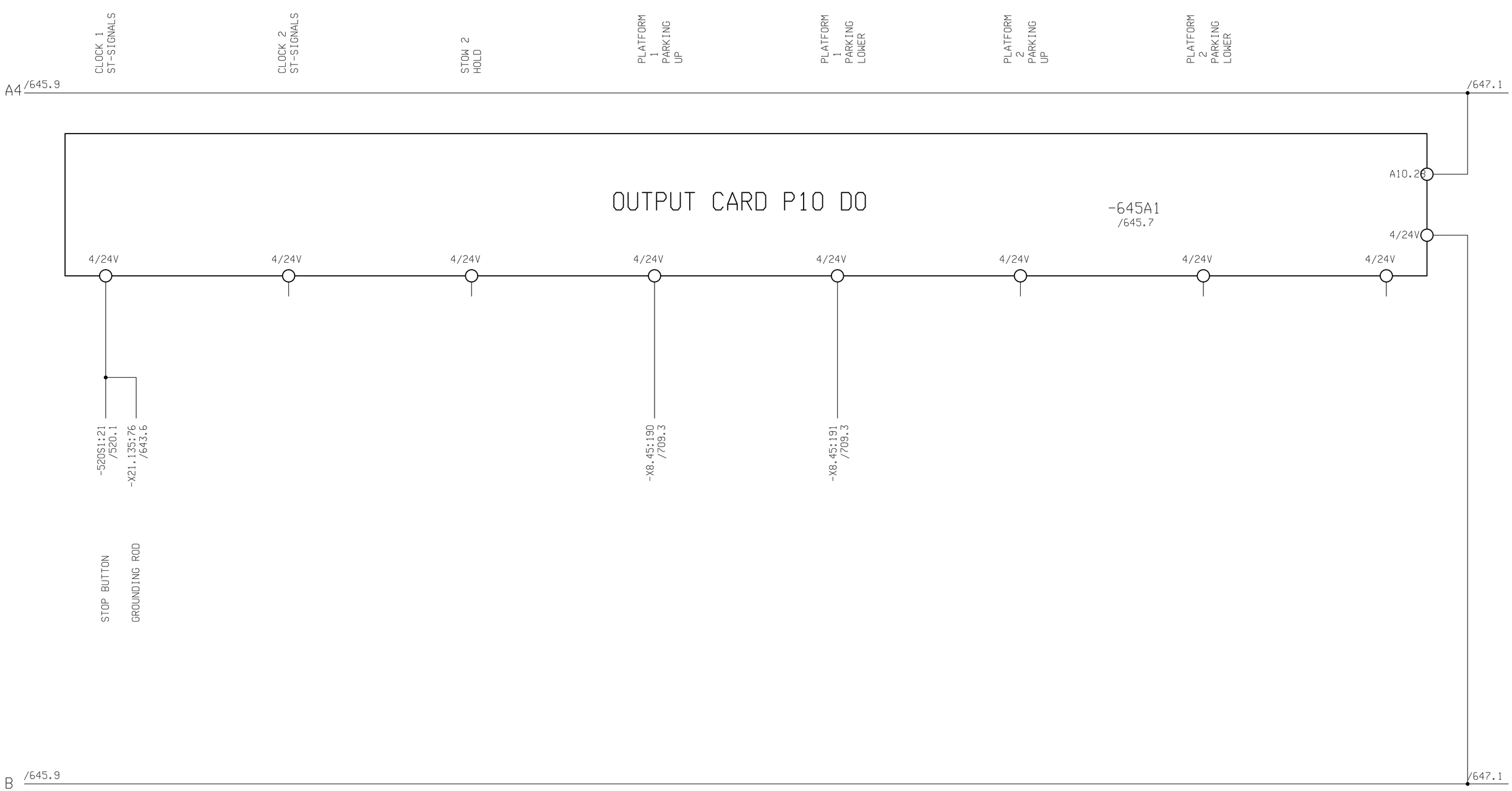

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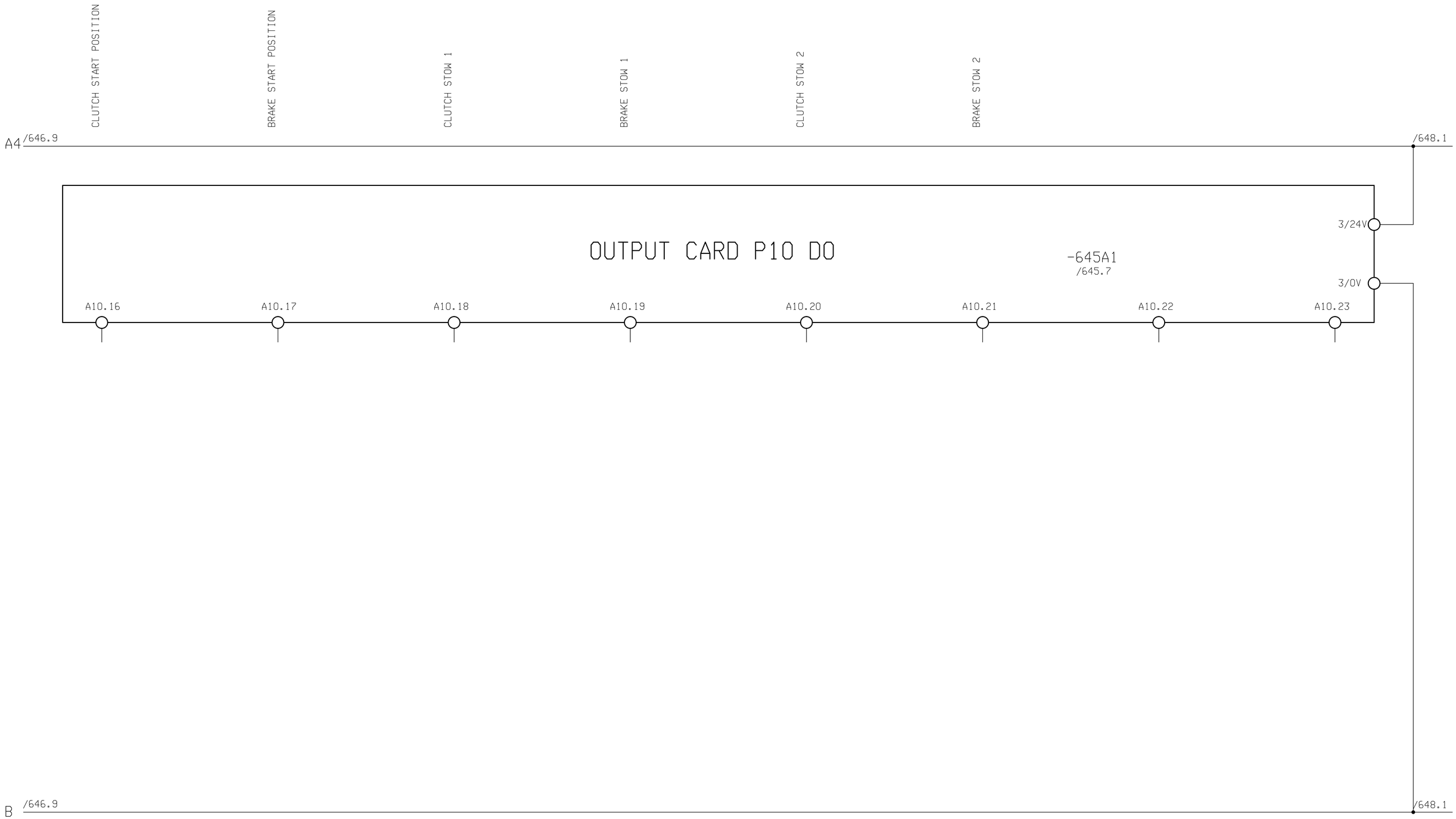

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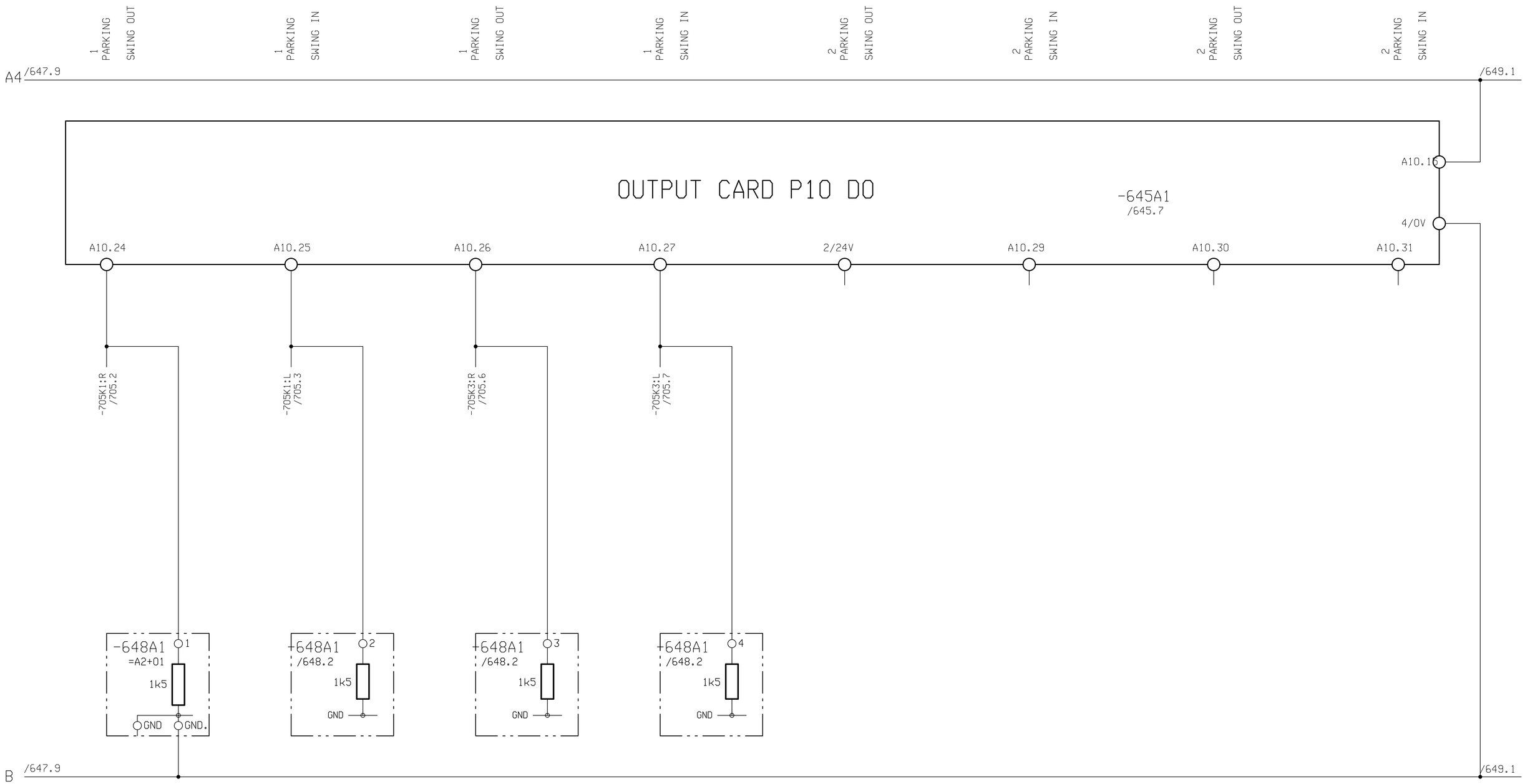

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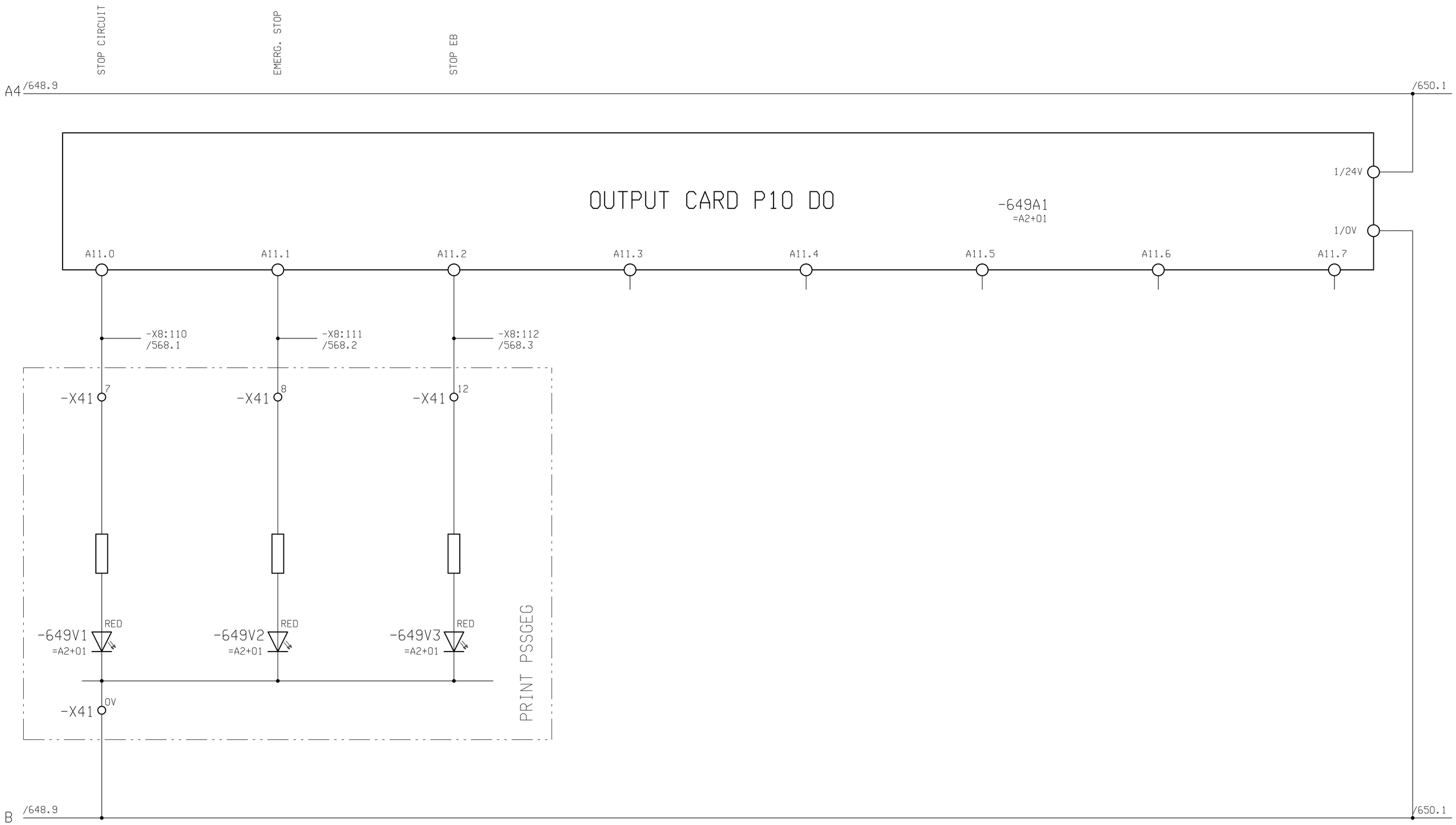

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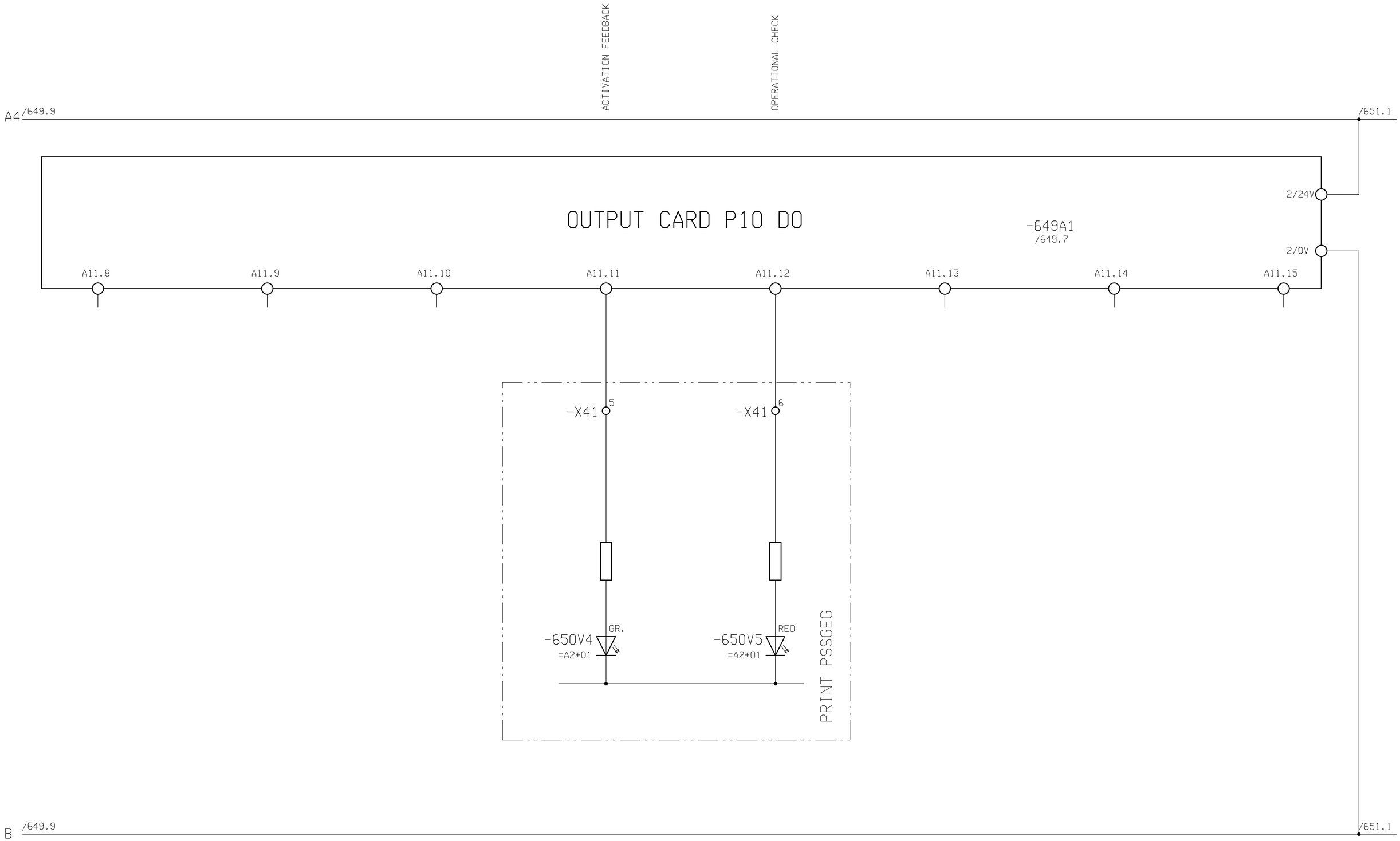

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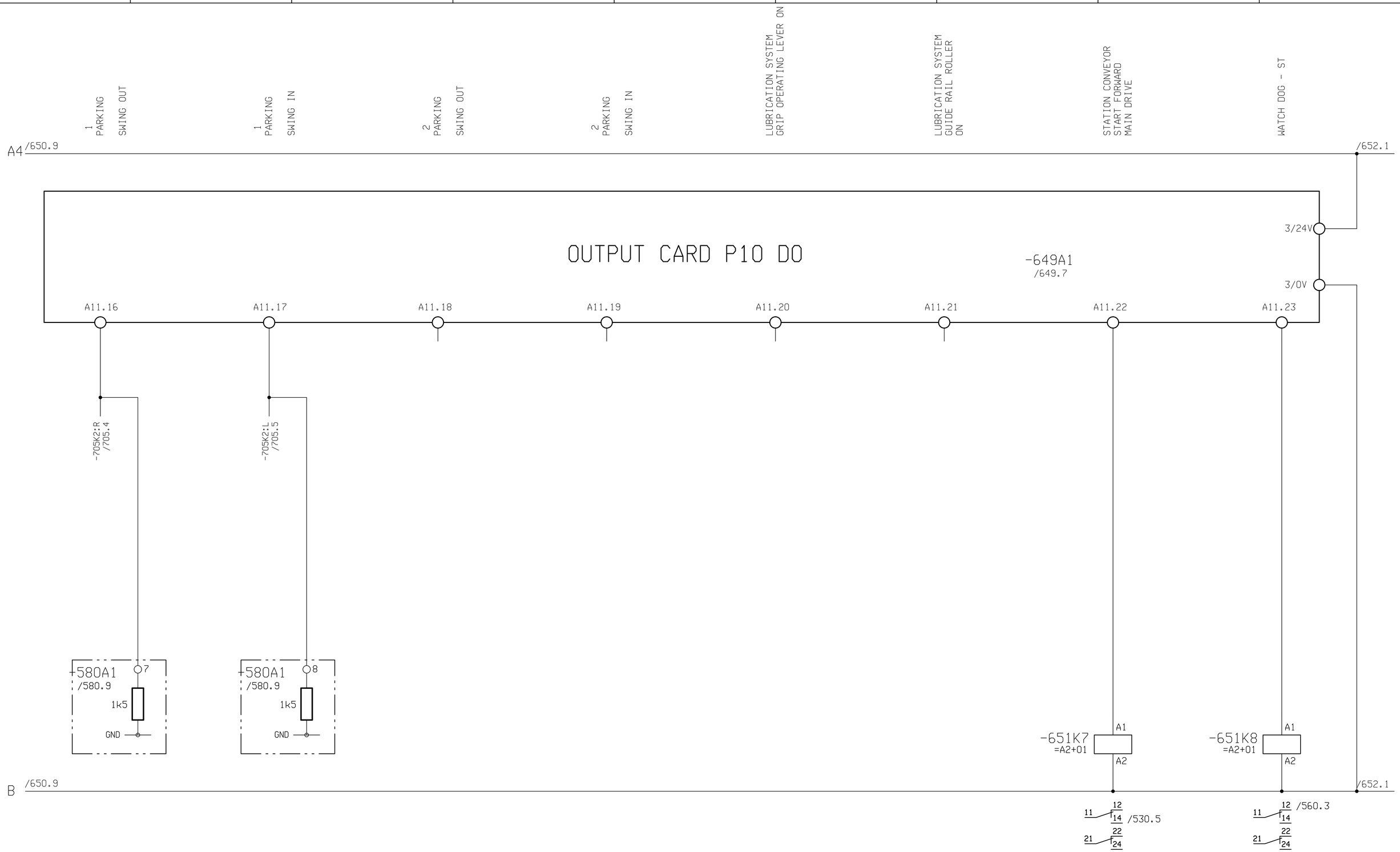

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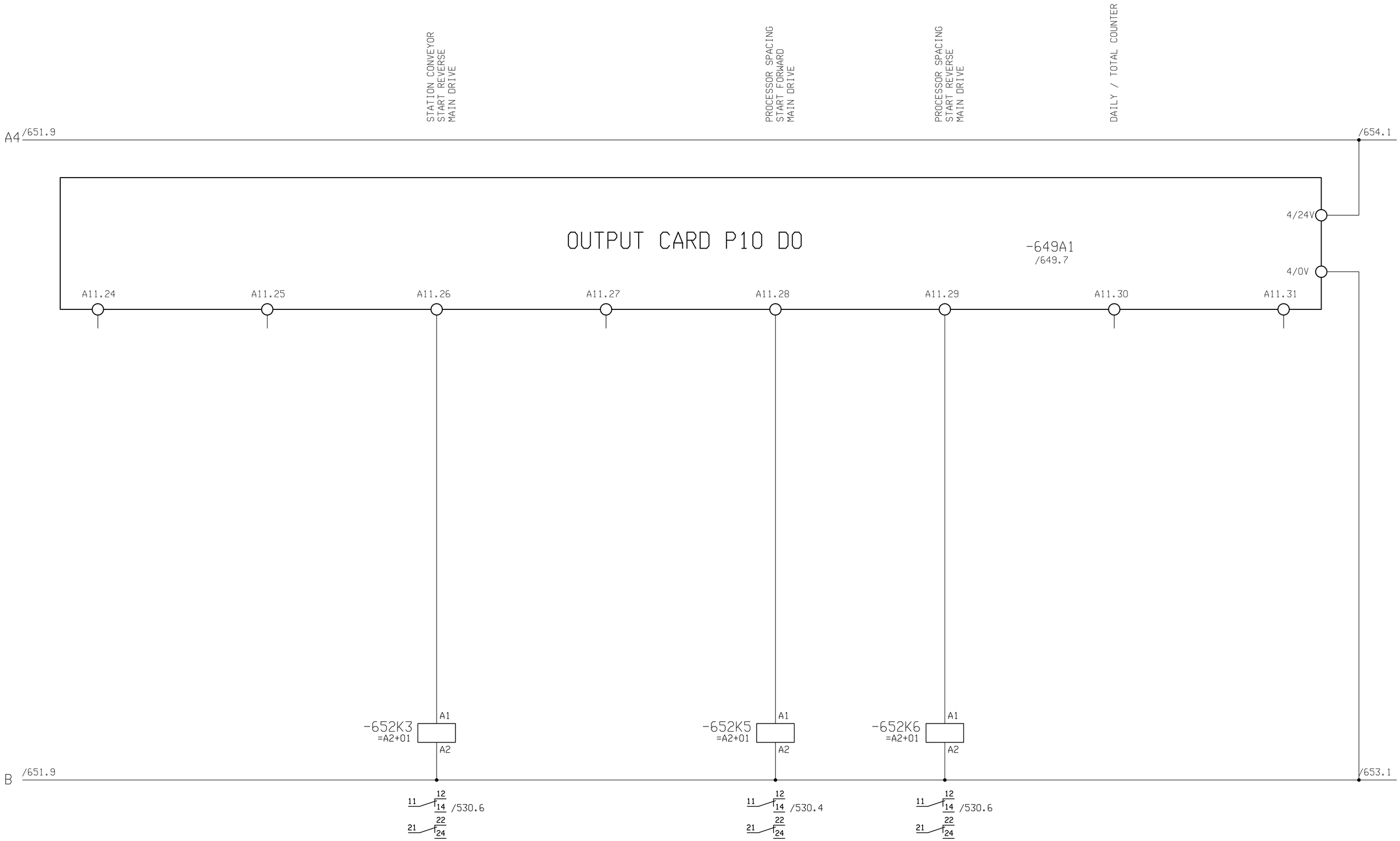

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Date	18.10.16
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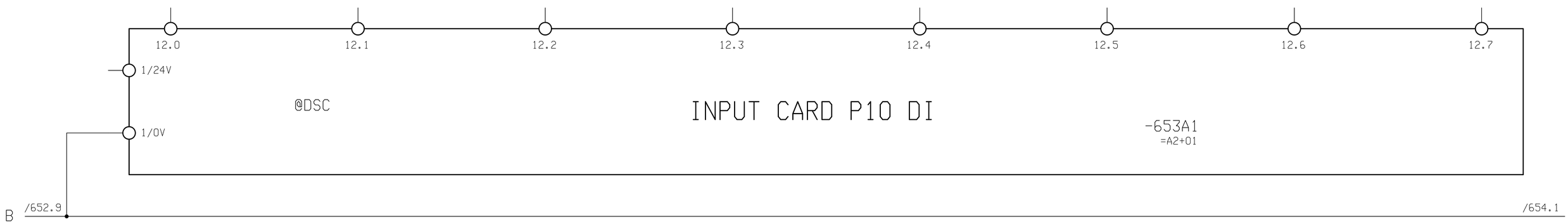
1	2	3	4	5	6	7	8	9
CARRIER GUIDE RAIL INCOMING SIDE DOWNHILL CONTINUOUS MODE (LOWER)	CARRIER GUIDE RAIL INCOMING SIDE DOWNHILL DRIVE THROUGH MODE (UP)	CARRIER GUIDE RAIL OUTGOING SIDE UPHILL CONTINUOUS MODE (LOWER)	CARRIER GUIDE RAIL OUTGOING SIDE UPHILL DRIVE THROUGH MODE (UP)	CARRIER GUIDE RAIL DOWNHILL 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 /654.1



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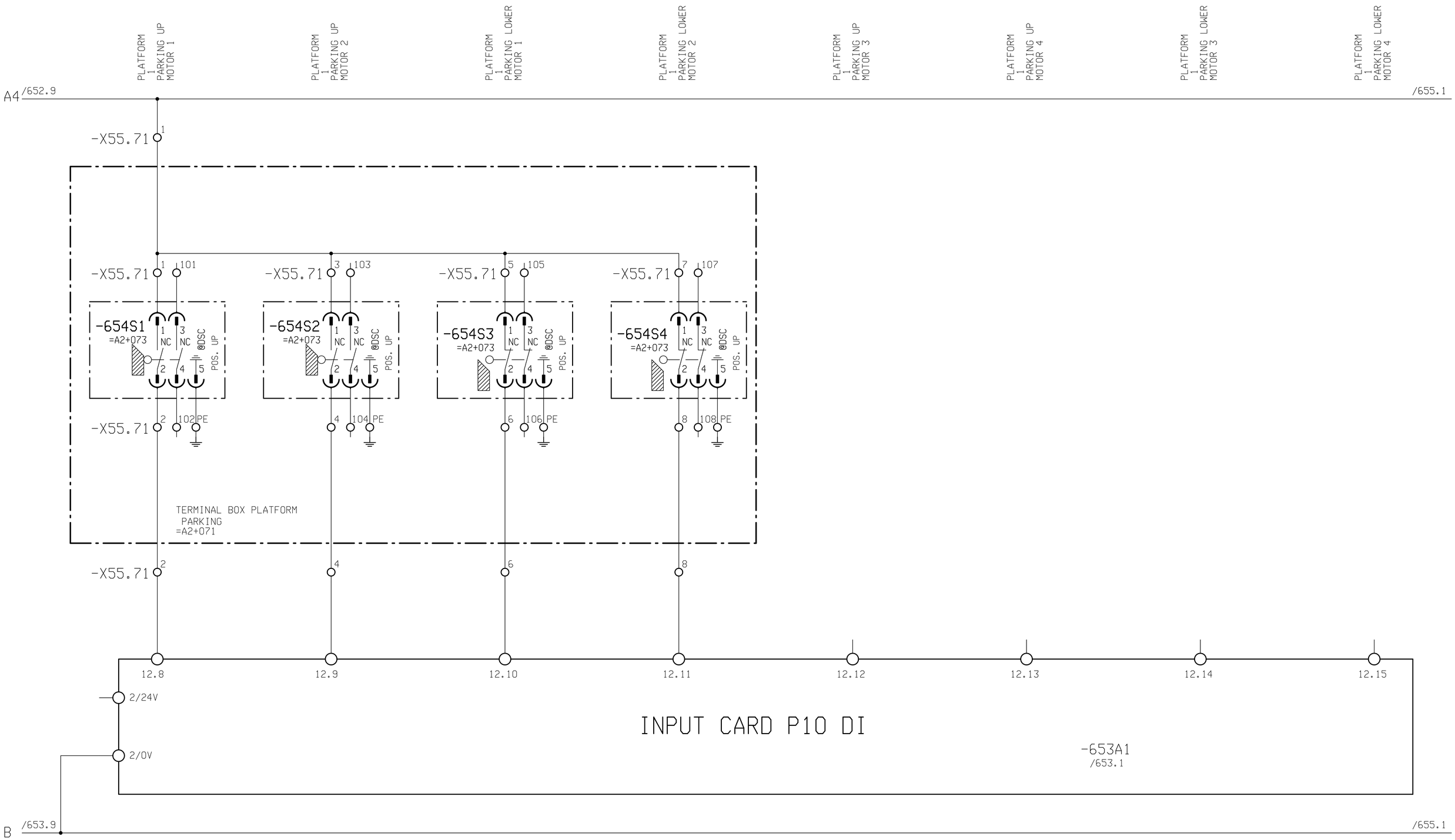

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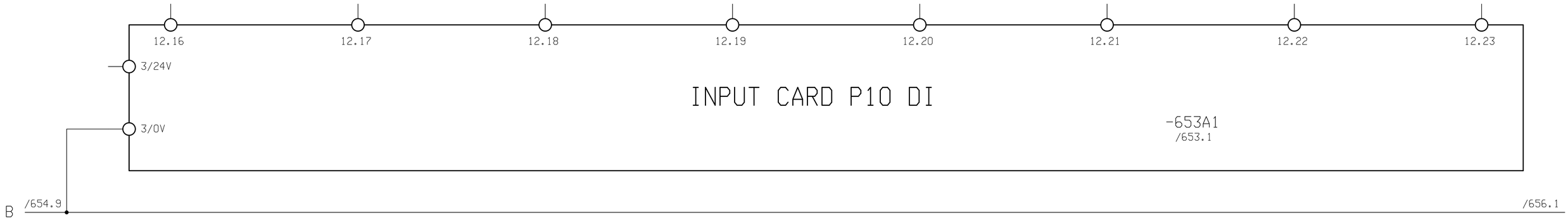

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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INPUT PLC (ST)

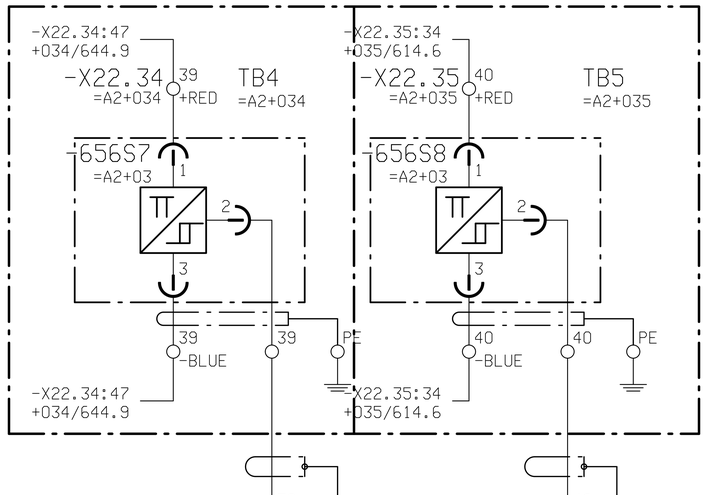
RETURN STATION | LV-CONTROL

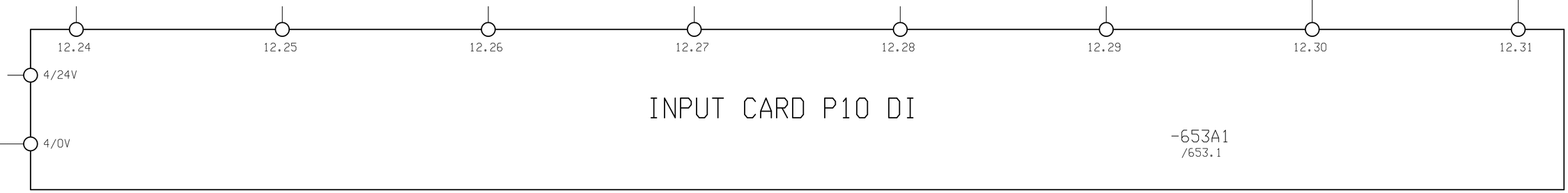
=A2+01

Date	06.04.16
Sheet :	655
Cont.sheet:	656

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 /657.1





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Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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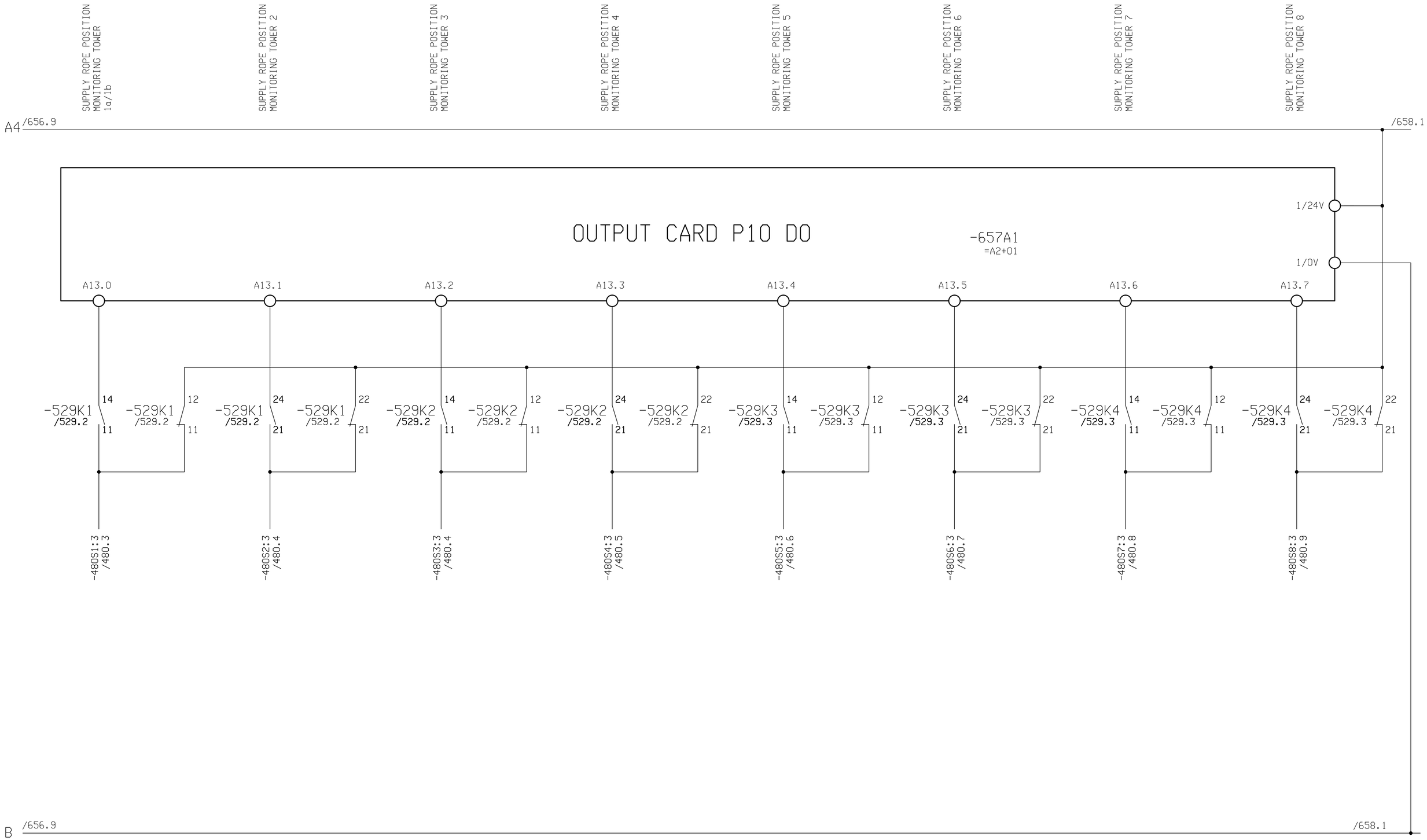
INPUT PLC (ST)

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	656
Cont.sheet:	657



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File:	GEWAA4185		

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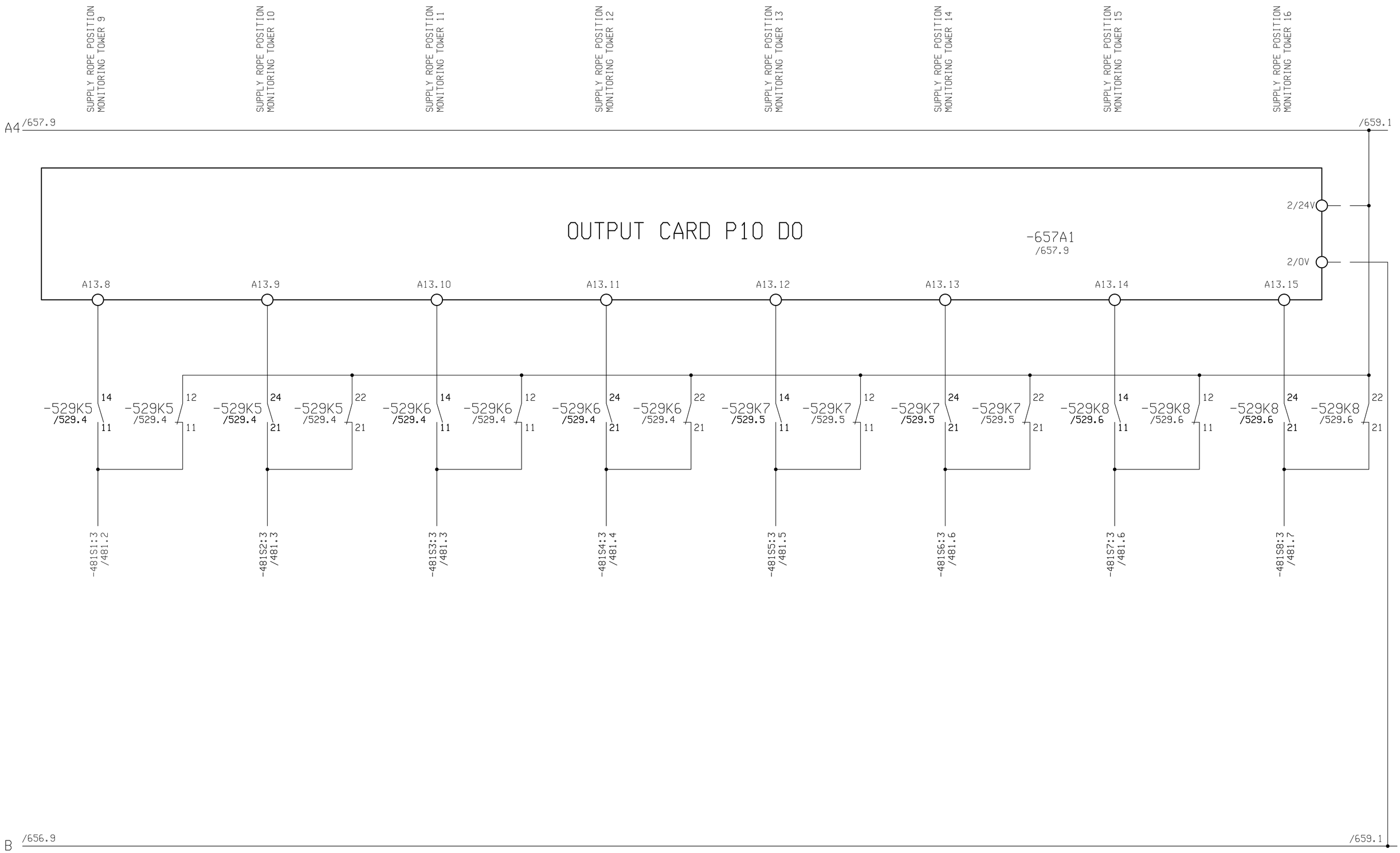
OUTPUT PLC (ST)

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	657
Cont.sheet:	658



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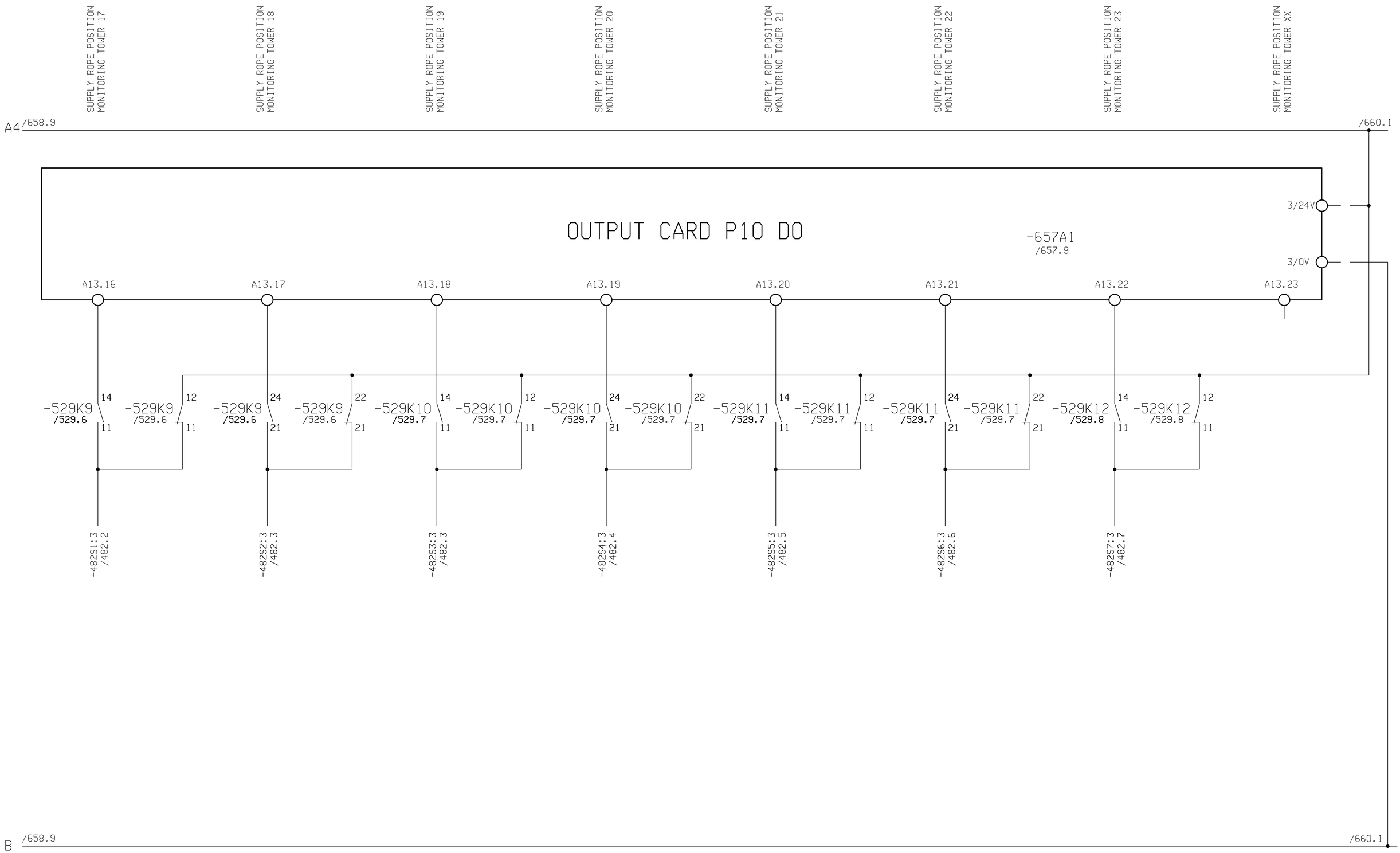
OUTPUT PLC (ST)

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	658
Cont.sheet:	659



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File:	GEWAA4185		

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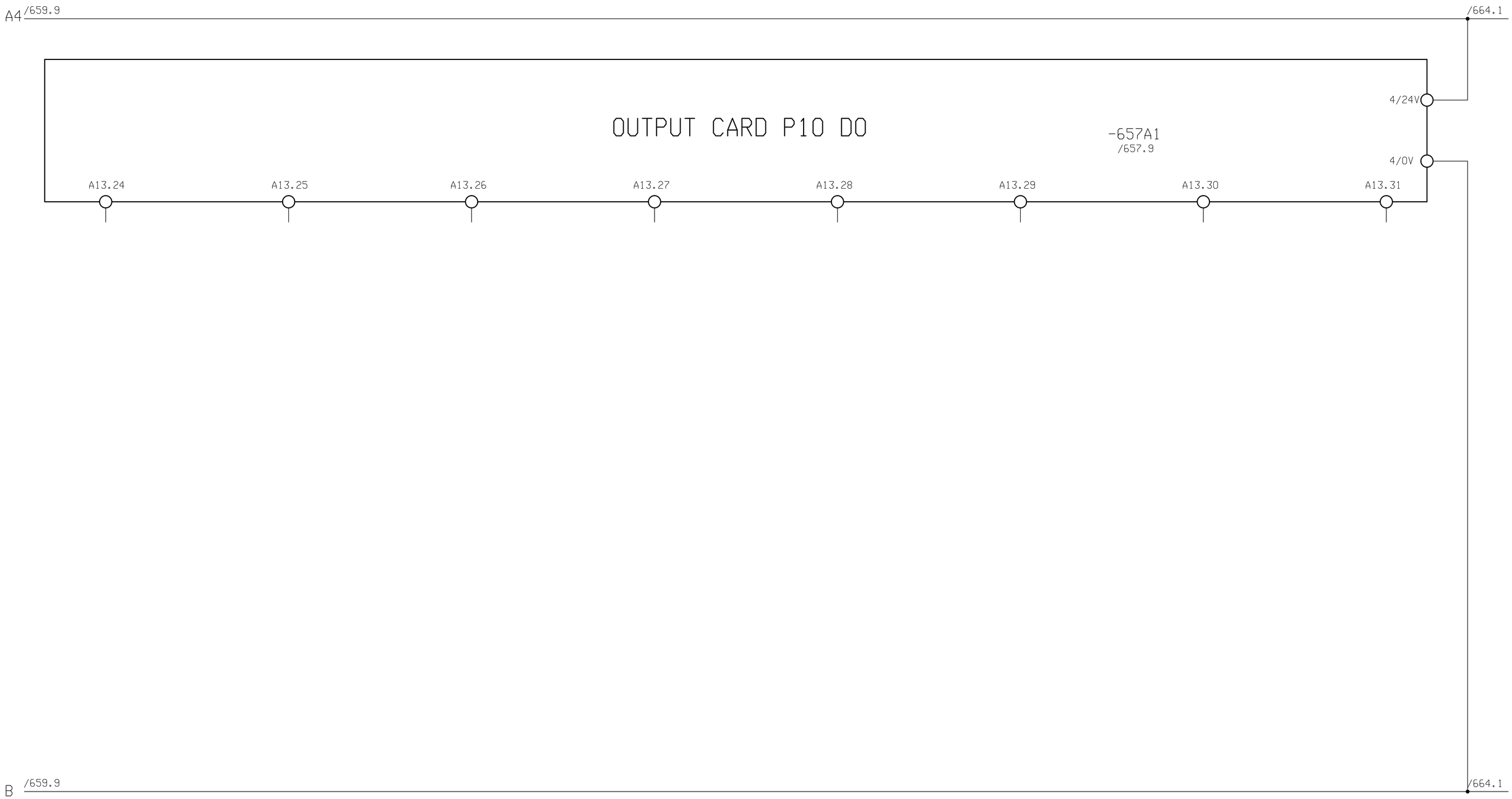
OUTPUT PLC (ST)

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	659
Cont.sheet:	660



Revision	2.0	Drawn by	SST
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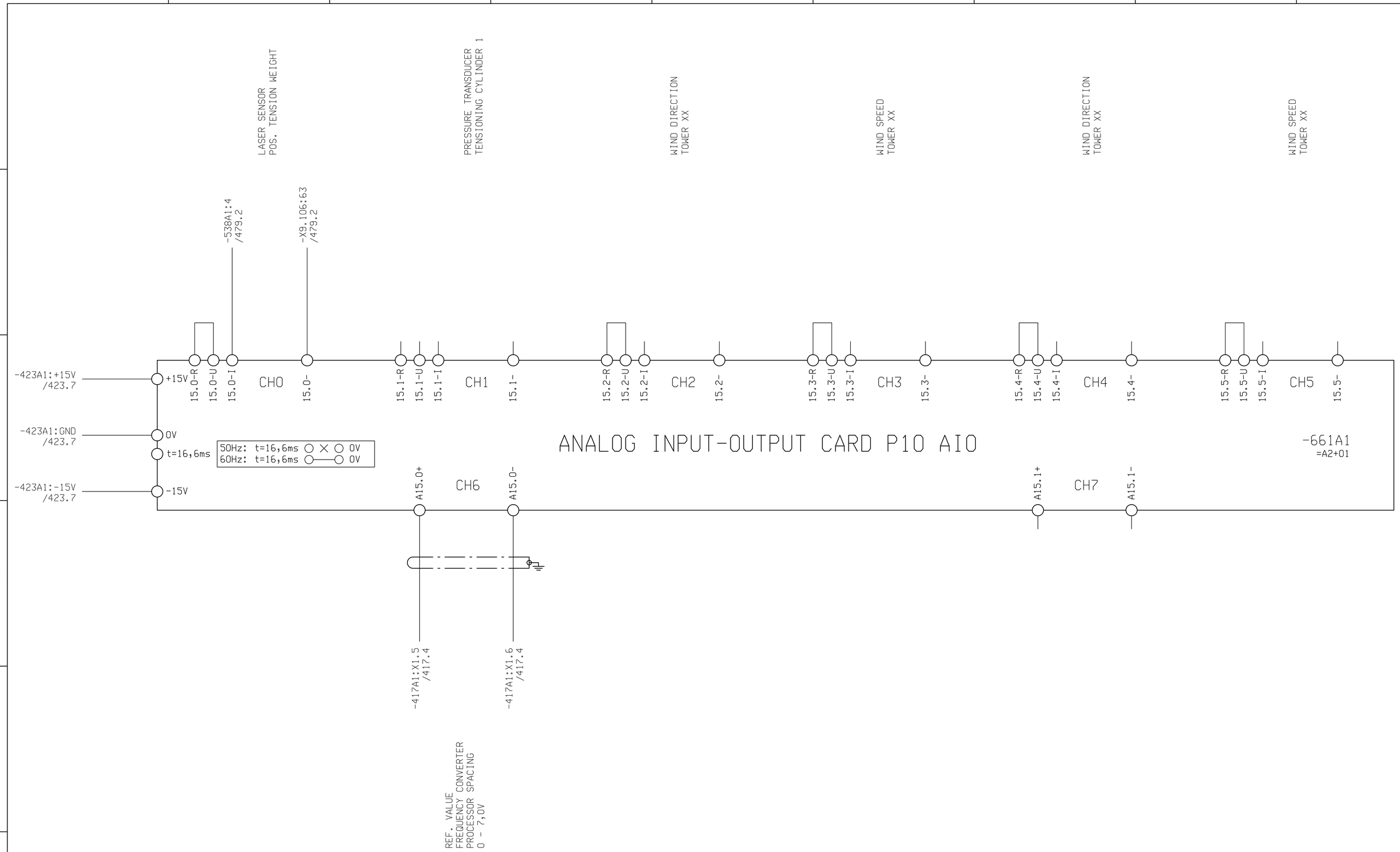
OUTPUT PLC (ST)

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	660
Cont.sheet:	661



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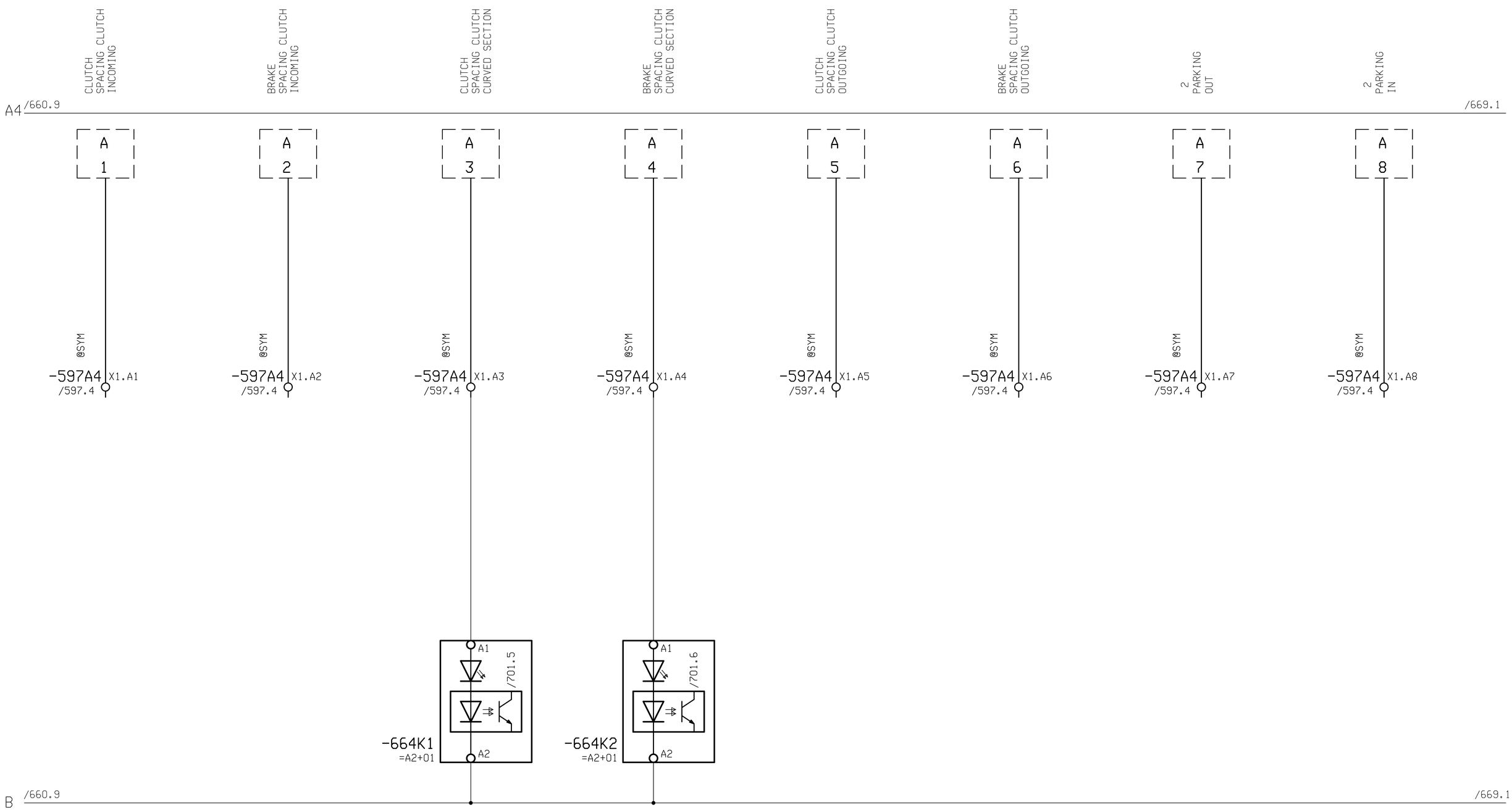
ANALOG INPUT/OUTPUT

RETURN STATION | LV-CONTROL

=A2+01

Date	20.01.17
Sheet :	661
Cont.sheet:	664



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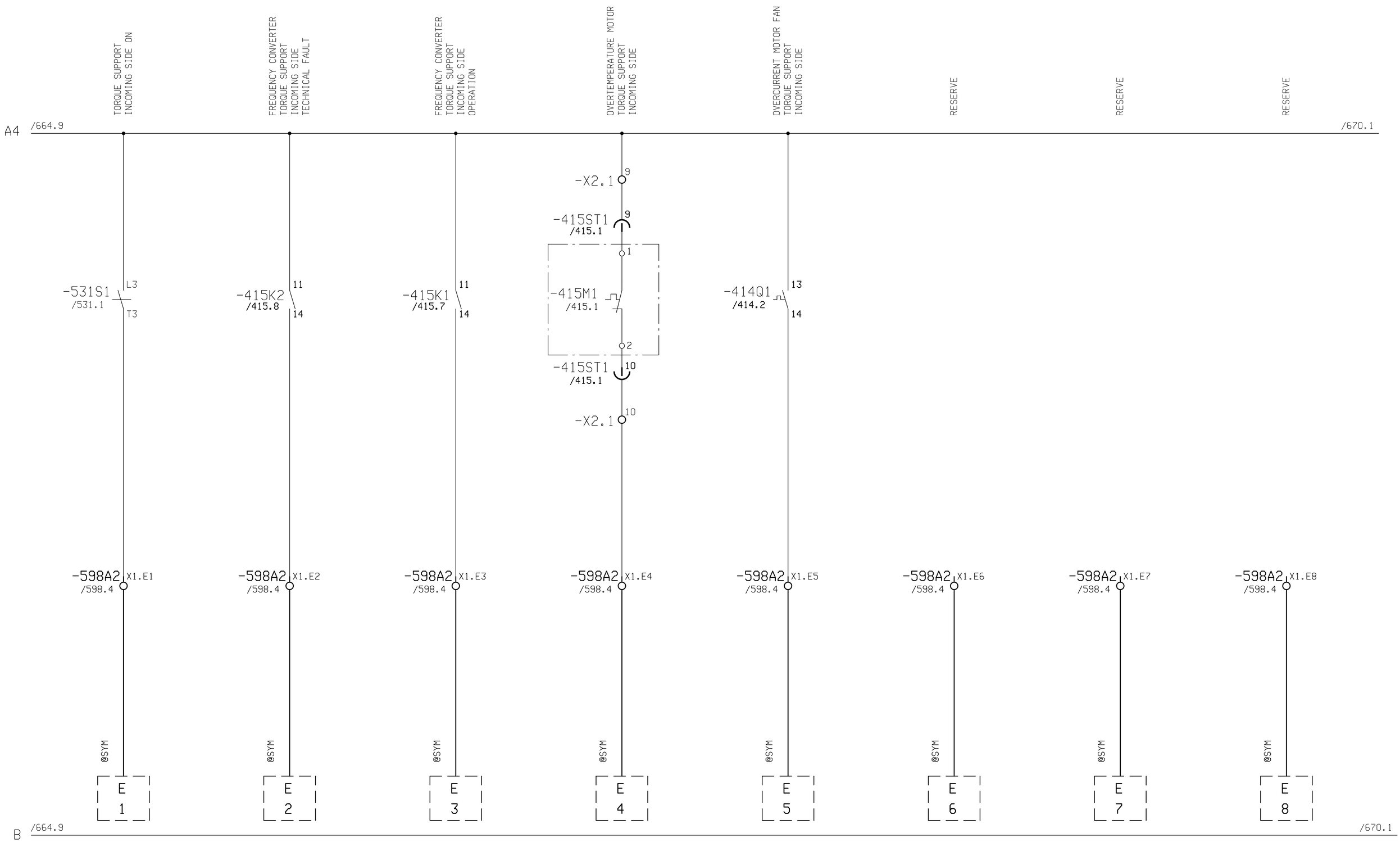
OUTPUT PLC BECKHOFF - CLUTCHES / 2

RETURN STATION | LV-CONTROL

=A2+01

Date	20.01.17
Sheet :	664
Cont.sheet:	669



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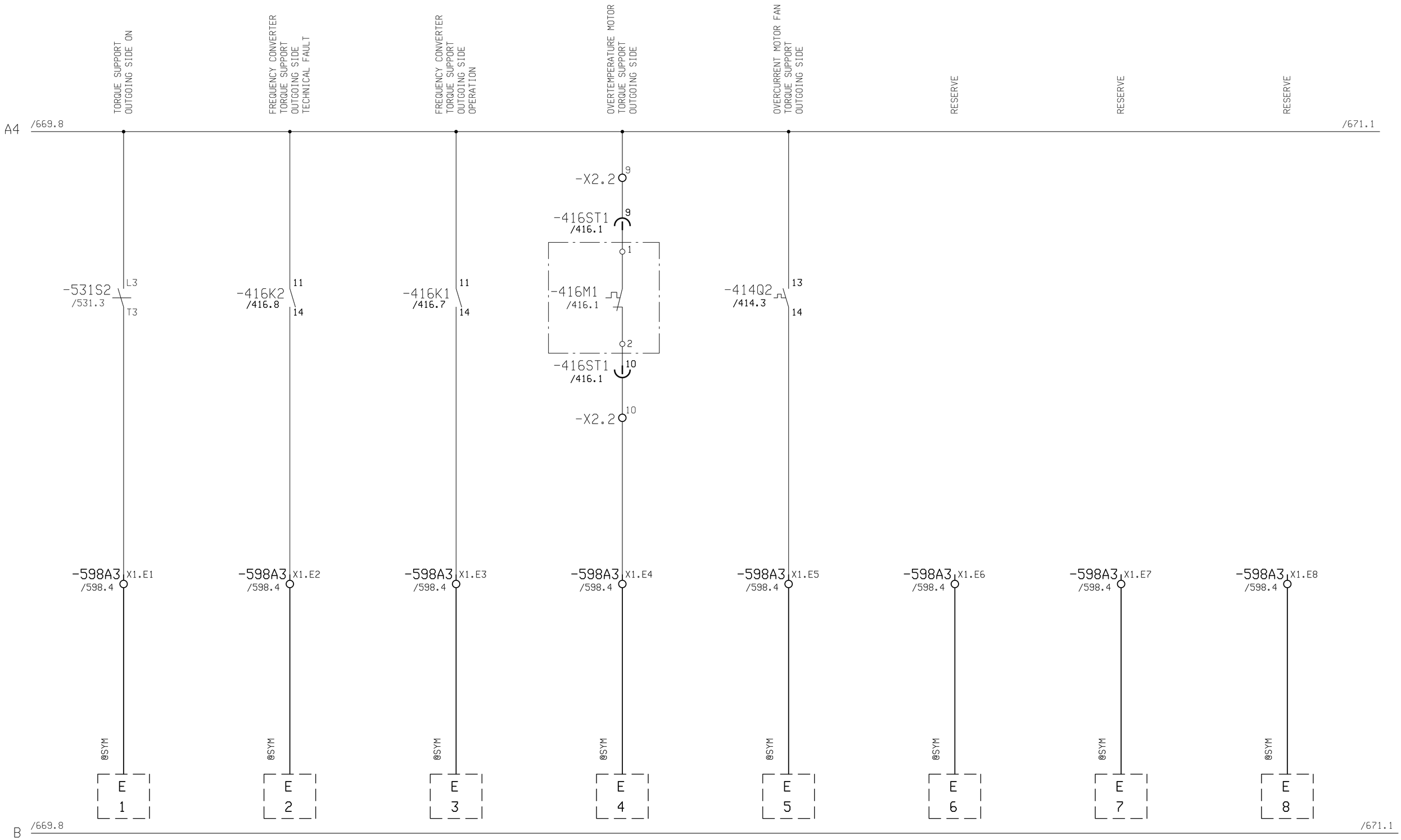
INPUT PLC BECKHOFF - TORQUE SUPPORT INCOMING

RETURN STATION | LV-CONTROL

=A2+01

Date	12.04.16
Sheet :	669
Cont.sheet:	670



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Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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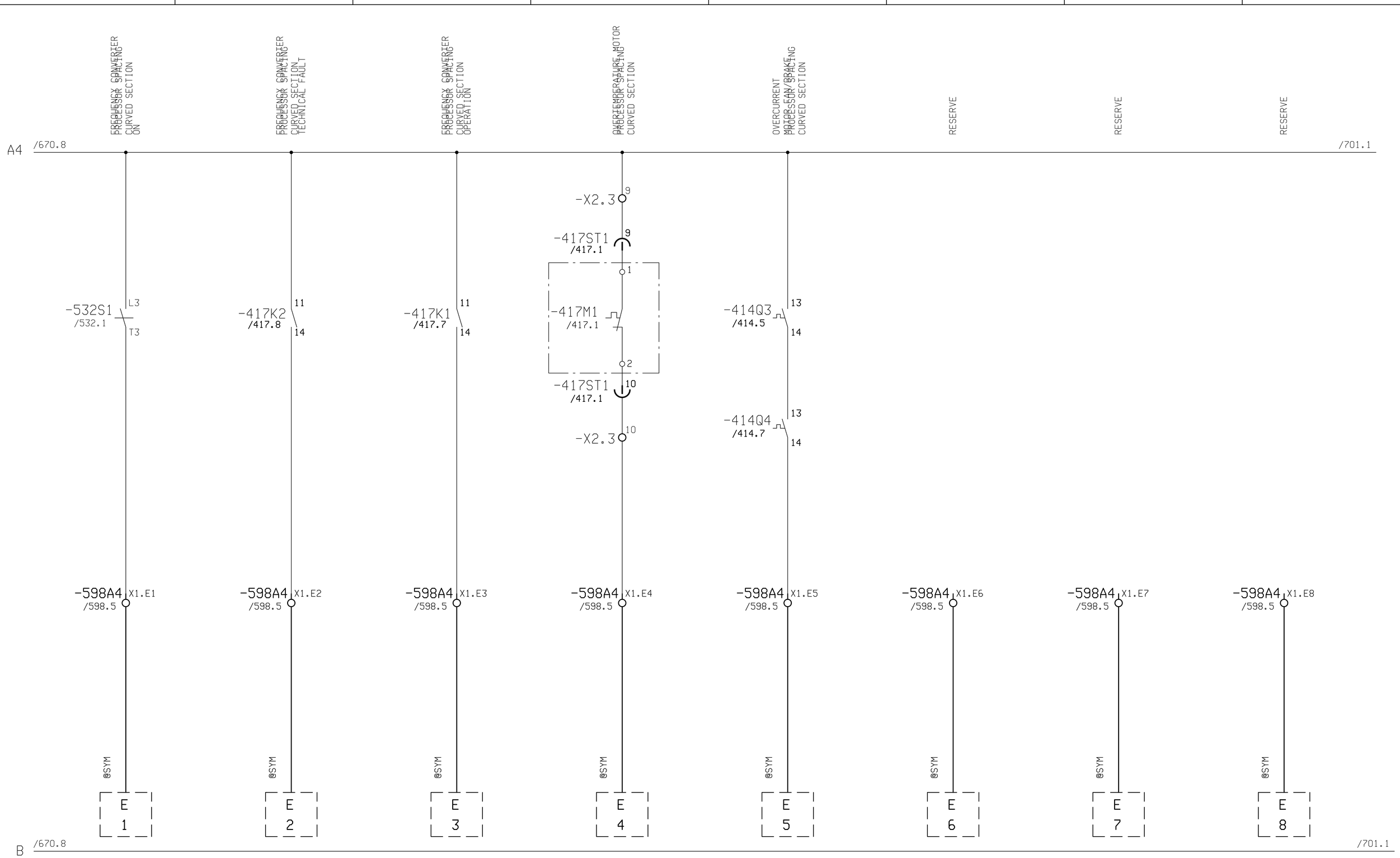
INPUT PLC BECKHOFF - TORQUE SUPPORT OUTGOING

RETURN STATION | LV-CONTROL

=A2+01

Date	05.04.16
Sheet :	670
Cont.sheet:	671



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File:	GEWAA4185		

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INPUT PLC BECKHOFF - PROCESSOR SPACING CURVED SECTION

RETURN STATION | LV-CONTROL

=A2+01

Date	06.04.16
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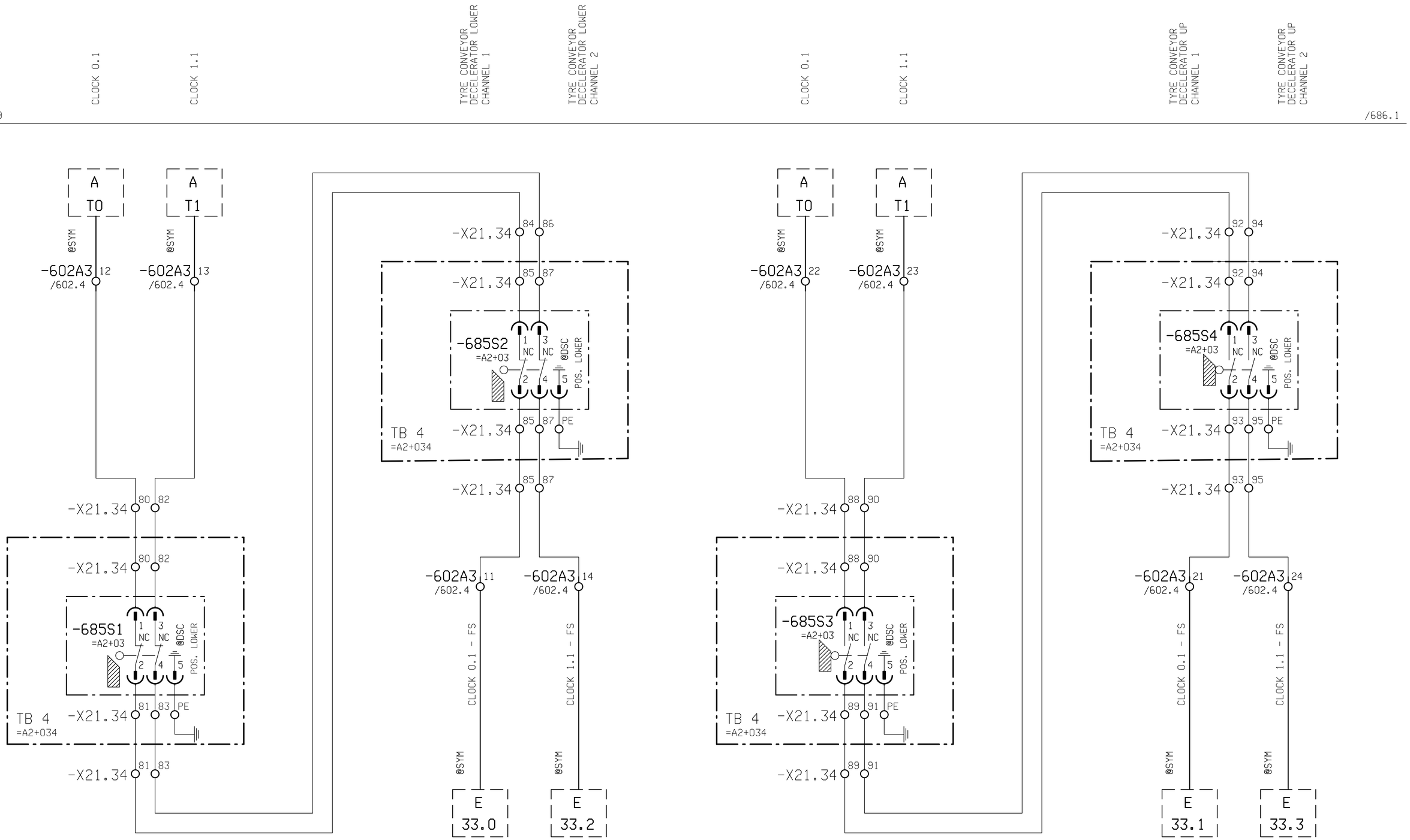
Cont.sheet:	685



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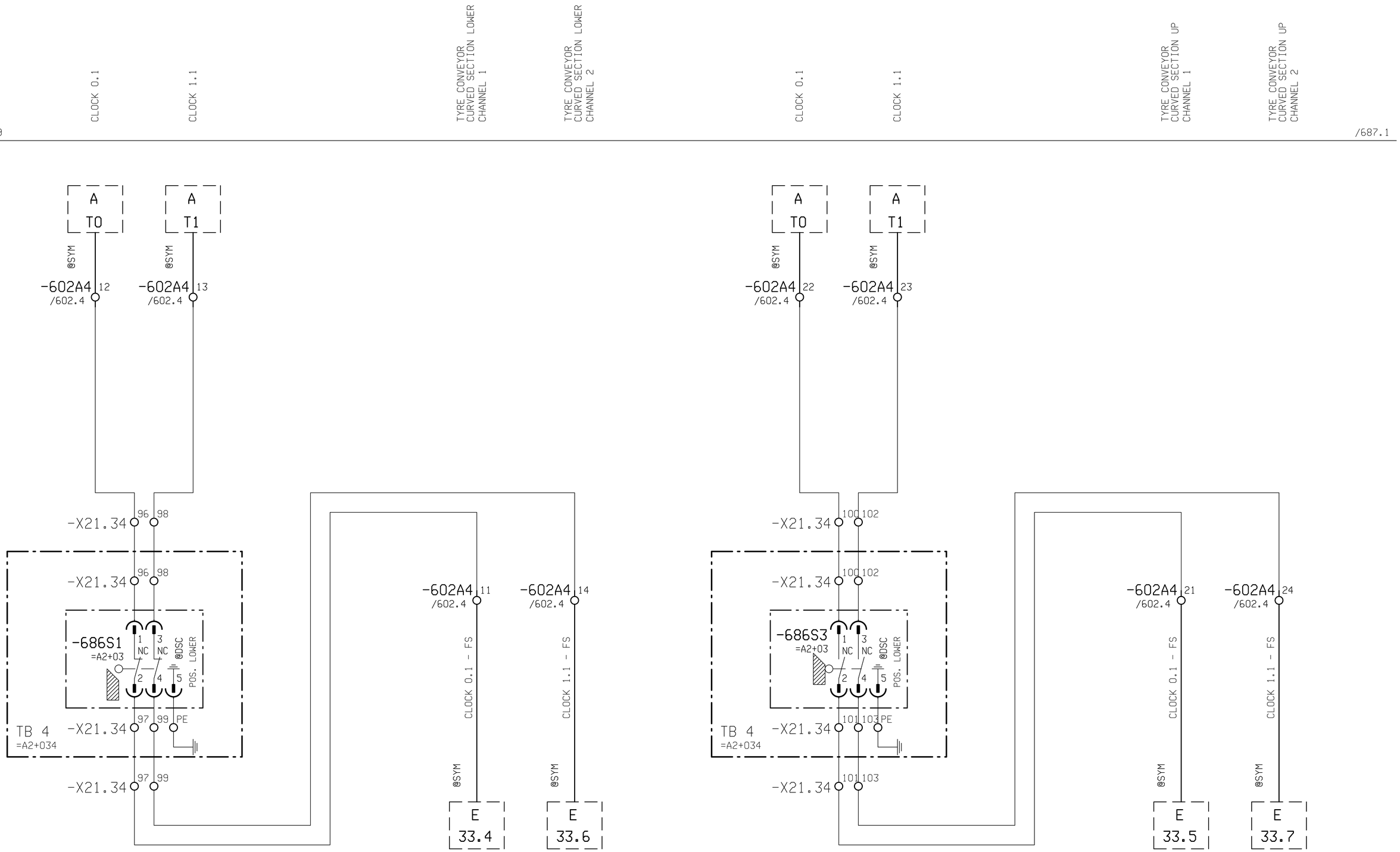
SAFETYBUS EXTENSION E33.0 - E33.3 - TYRE CONVEYOR

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	685
Cont.sheet:	686



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Date	20.01.17	Dr.ch.by	FMa
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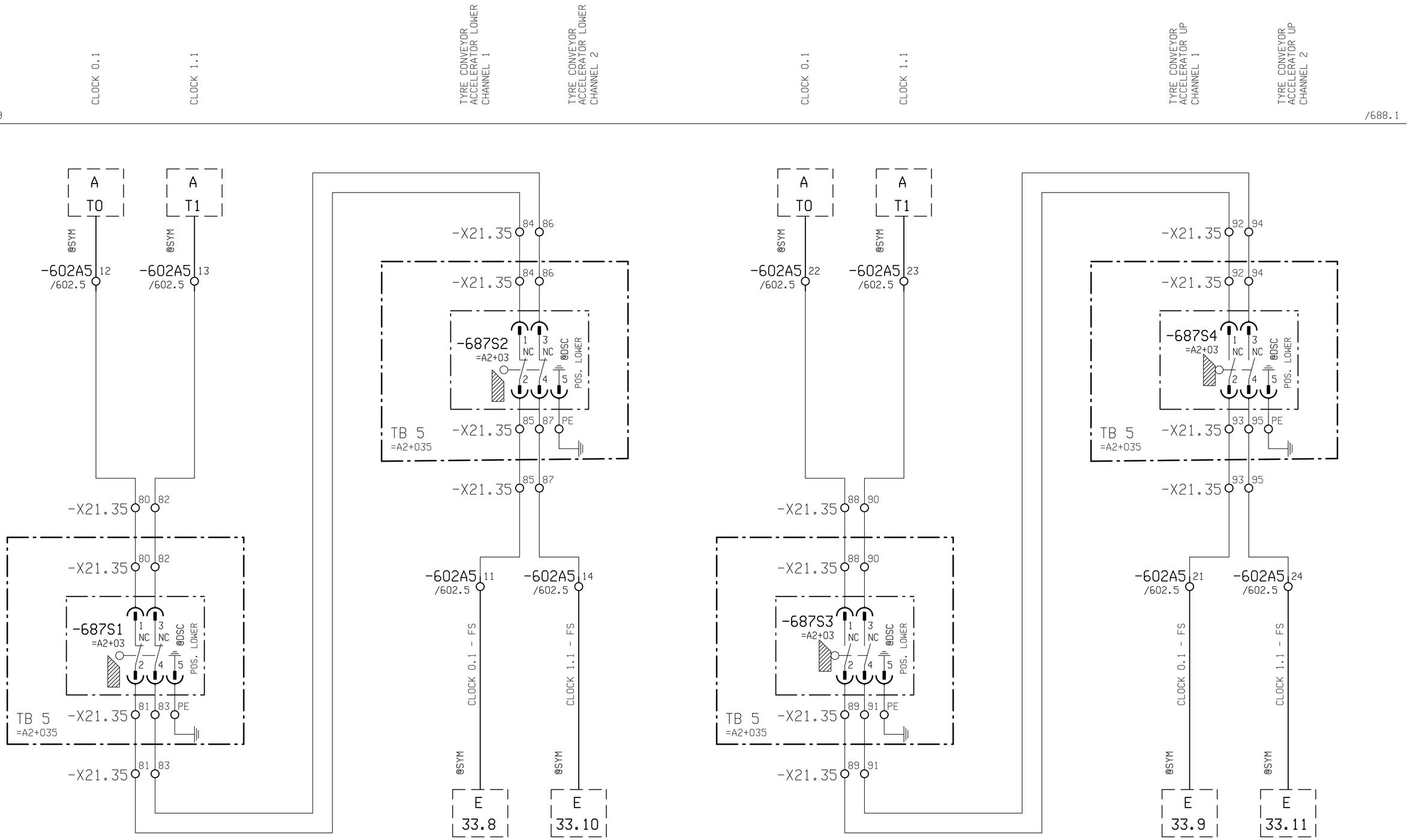
SAFETYBUS EXTENSION E33.4 - E33.7 - TYRE CONVEYOR

RETURN STATION | LV-CONTROL

=A2+01

Date	27.07.16
Sheet :	686
Cont.sheet:	687



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Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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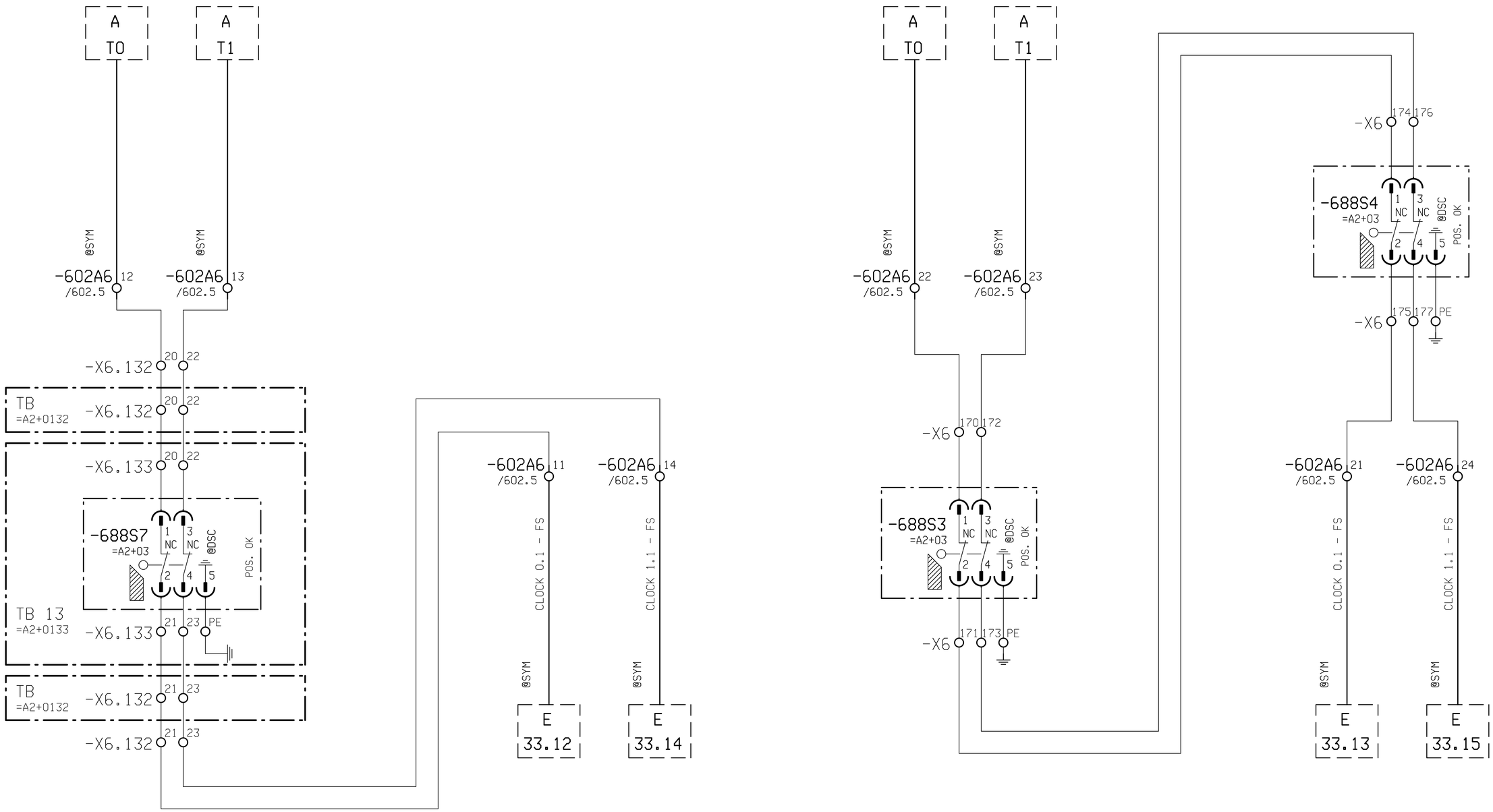
SAFETYBUS EXTENSION E33.8 - E33.11 - TYRE CONVEYOR

RETURN STATION | LV-CONTROL

=A2+01

Date	27.07.16
Sheet :	687
Cont.sheet:	688



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Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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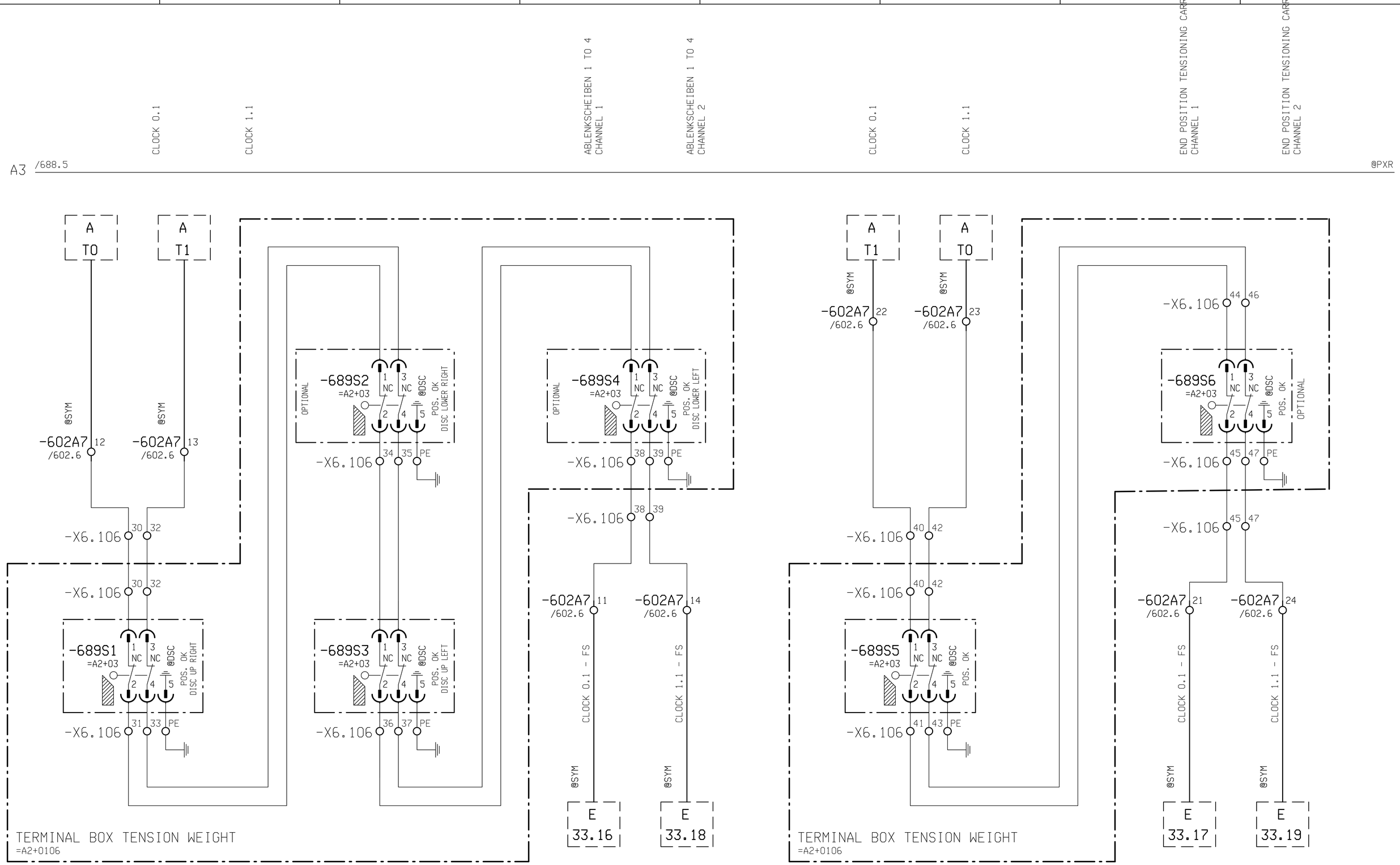
SAFETYBUS EXTENSION E33.8 - E33.11 - EMERGENCY BEARING

RETURN STATION | LV-CONTROL

=A2+01

Date	08.06.16
Sheet :	688
Cont.sheet:	689



Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
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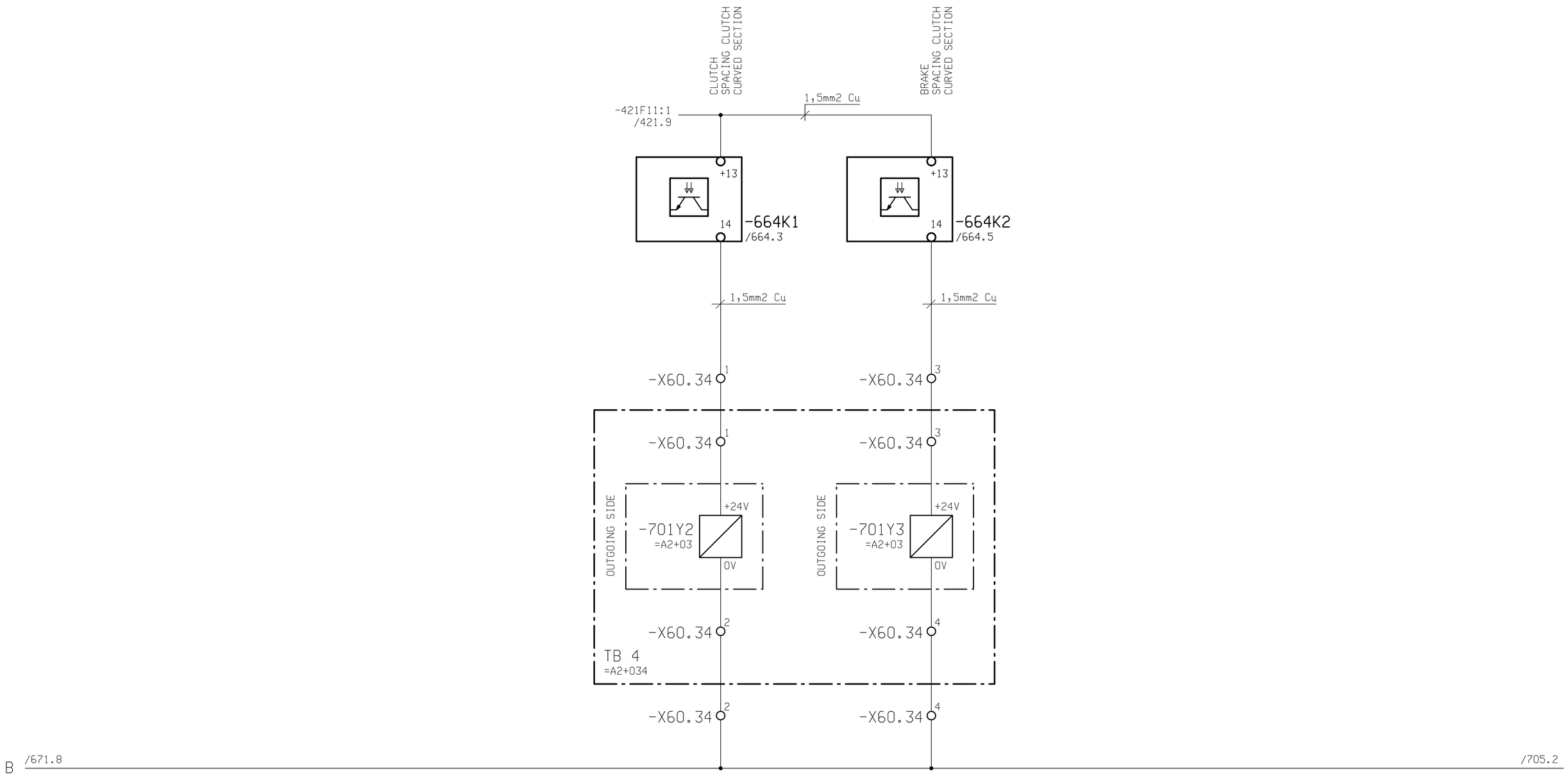
SAFETYBUS EXTENSION E33.8 - E33.11 - TENSION WEIGHT

RETURN STATION | LV-CONTROL

=A2+01

Date	20.01.17
Sheet :	689
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	20.01.17	Dr.ch.by	FMa
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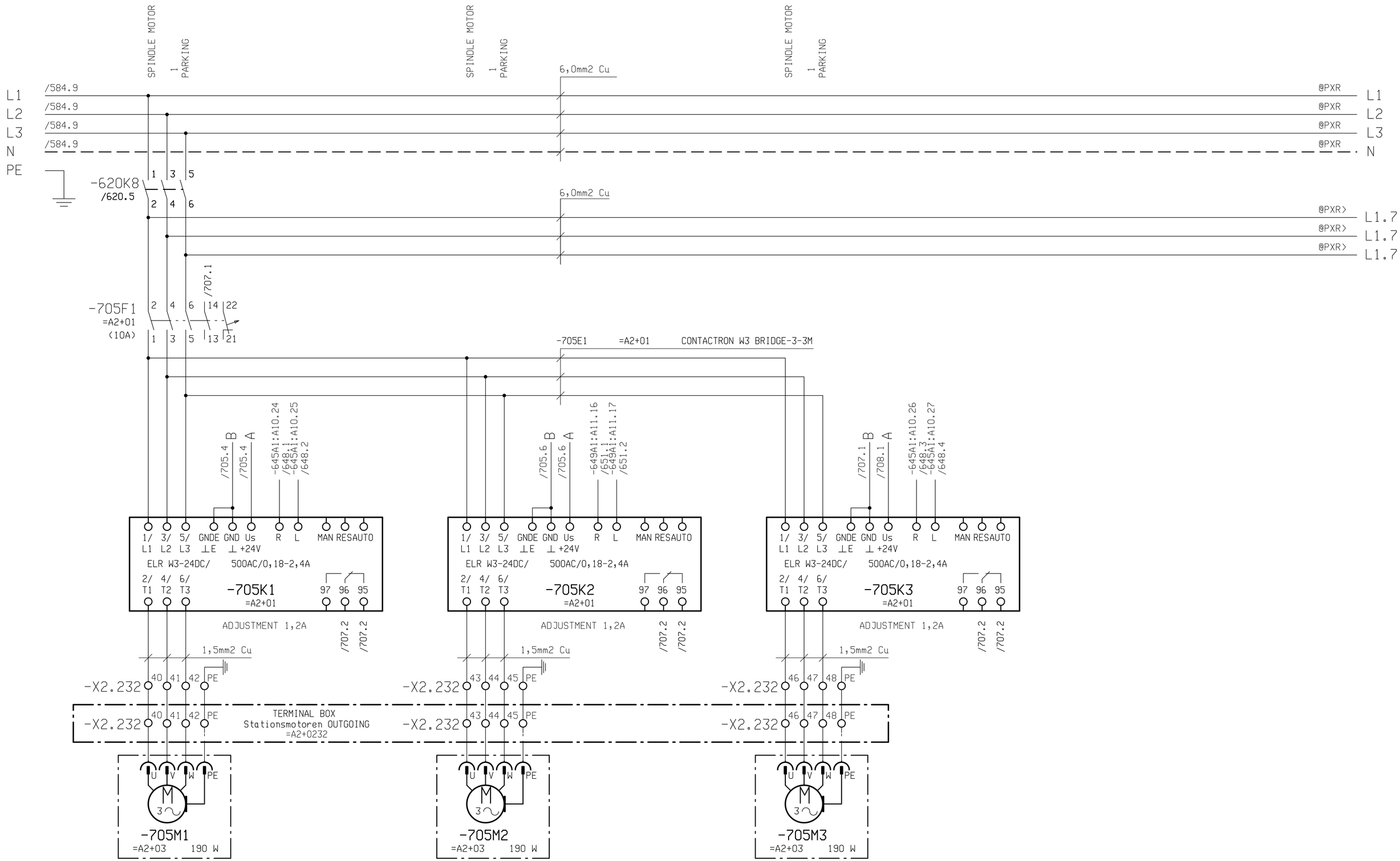
MAGNETIC CLUTCH

RETURN STATION | LV-CONTROL

=A2+01

Date	13.03.17
Sheet :	701
Cont.sheet:	705



Revision	2.0	Drawn by	SST
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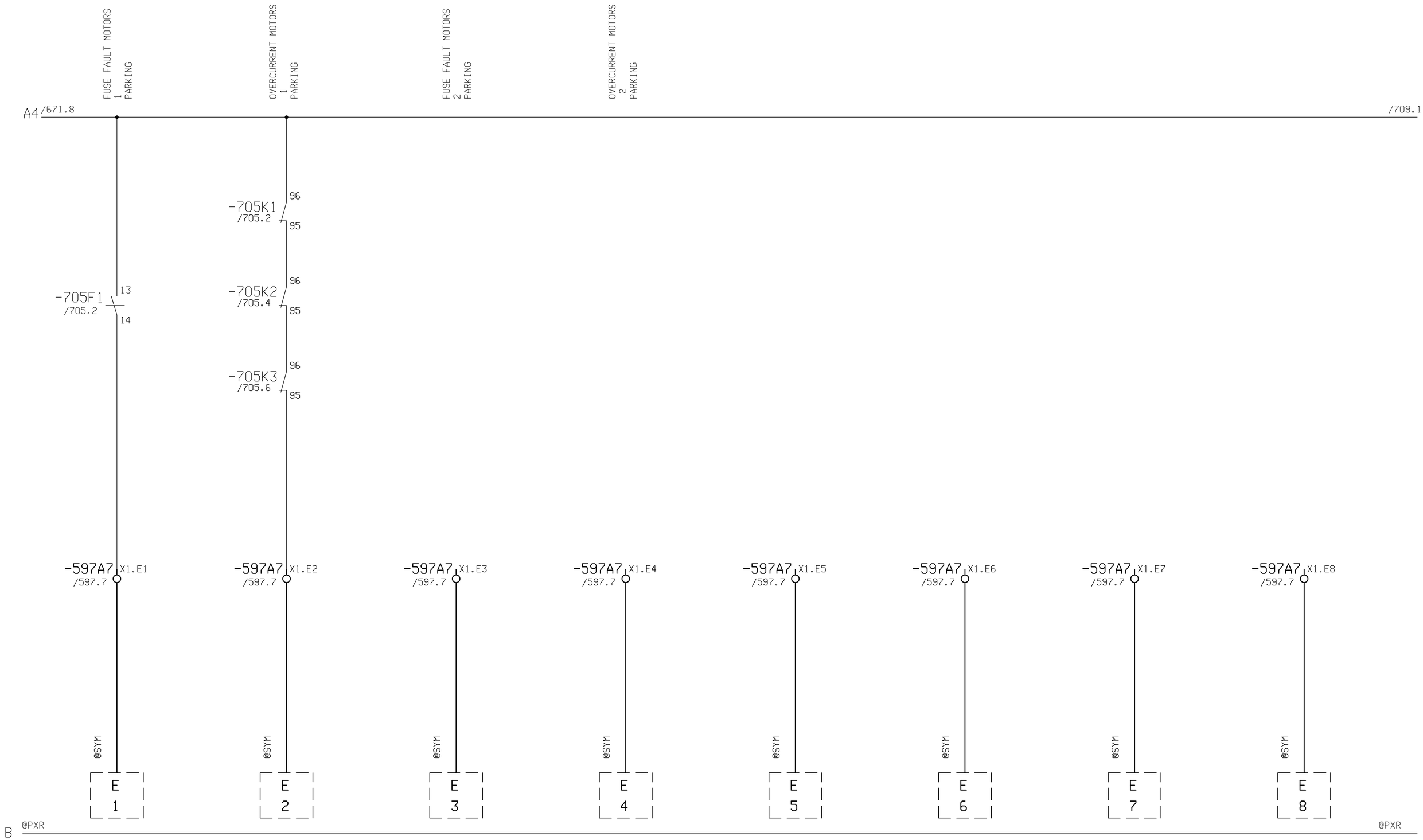
MOTORS - 1 - PARKING

RETURN STATION | LV-CONTROL

=A2+01

Date	08.11.16
Sheet :	705
Cont.sheet:	707



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INPUT PLC BECKHOFF - OVERCURRENT - 1 - PARKING

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	707
Cont.sheet:	708

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
File:	GEWAA4185		

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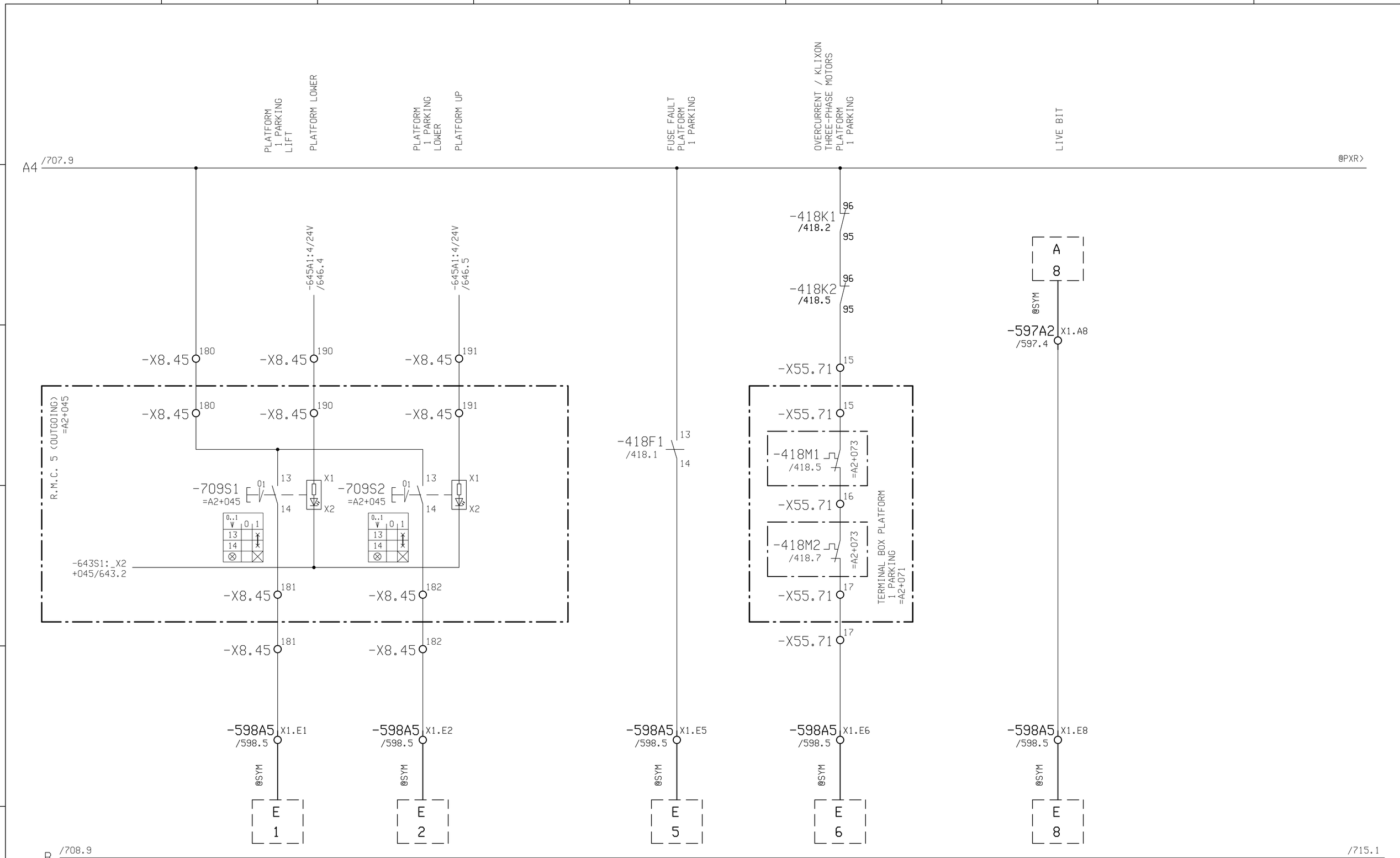
CONTROL LIGHTS

RETURN STATION | LV-CONTROL

=A2+01

Date	11.04.16
Sheet :	708
Cont.sheet:	709



Revision	2.0	Drawn by	SST
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File:	GEWAA4185		

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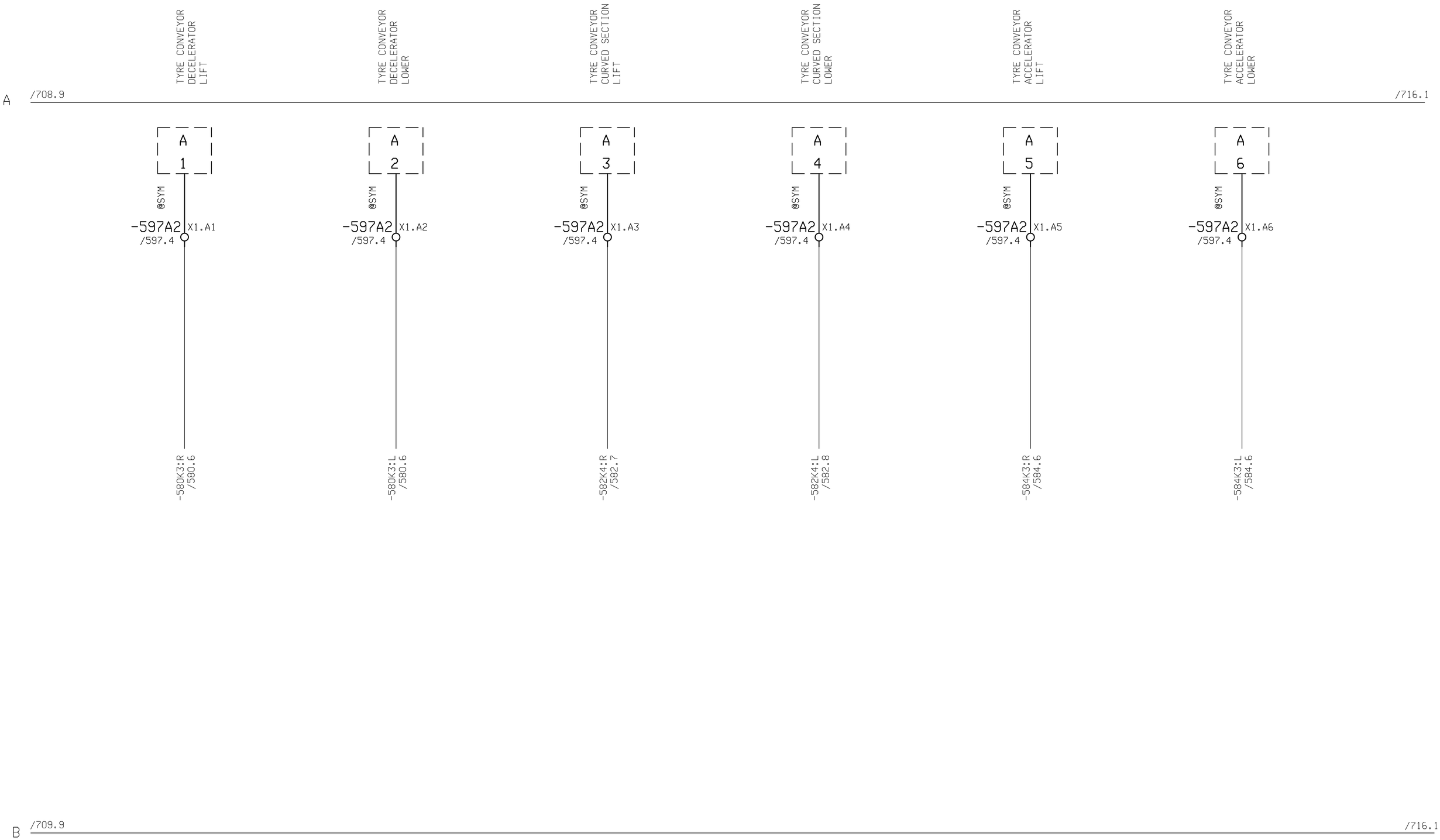
CONTROL LIGHTS/OVERCURRENT/OPERATION-PLATFORM 1

RETURN STATION | LV-CONTROL

=A2+01

Date	27.07.16
Sheet :	709
Cont.sheet:	715



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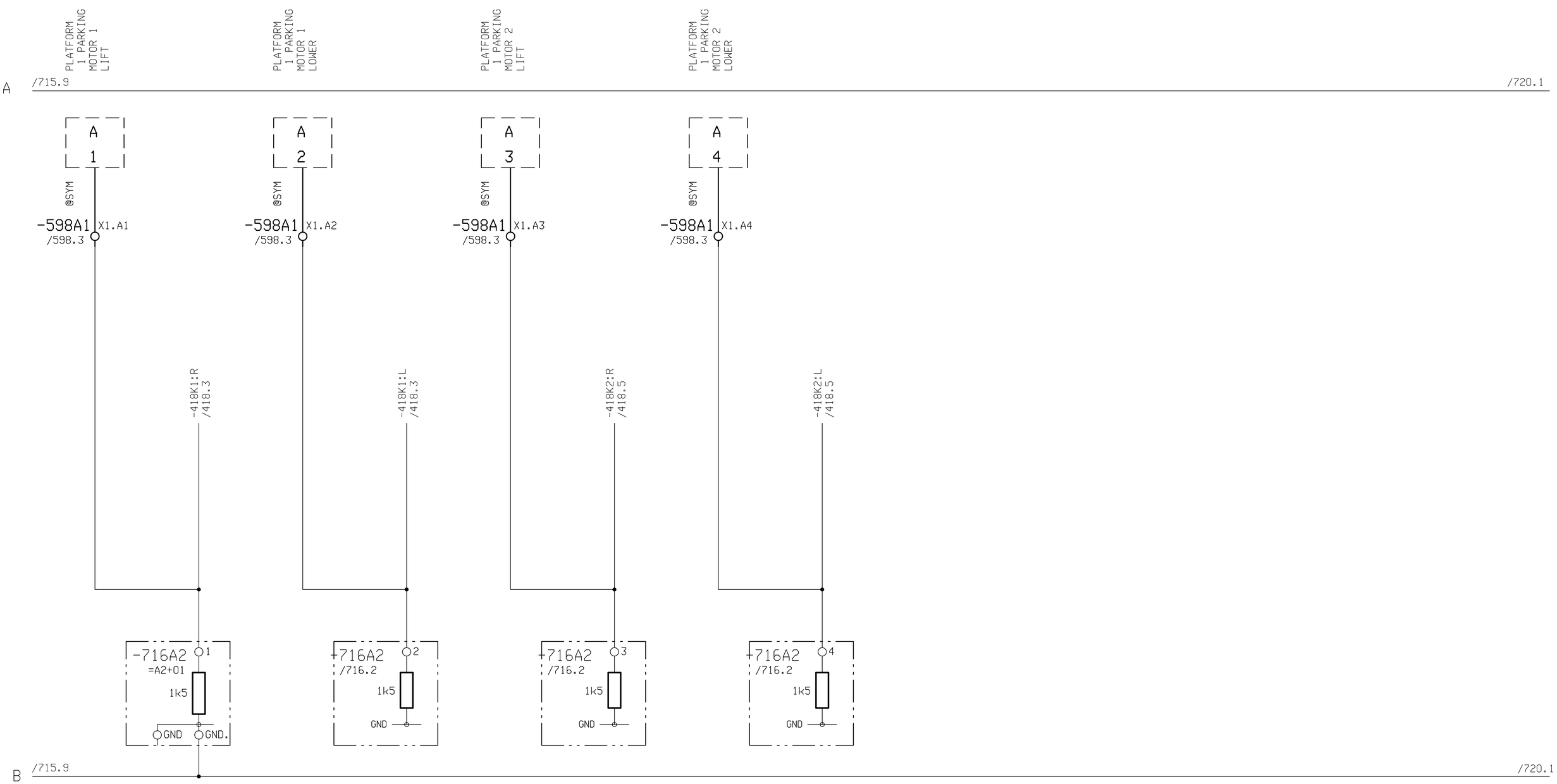
TYRE CONVEYOR

RETURN STATION | LV-CONTROL

=A2+01

Date	11.04.16
Sheet :	715
Cont.sheet:	716



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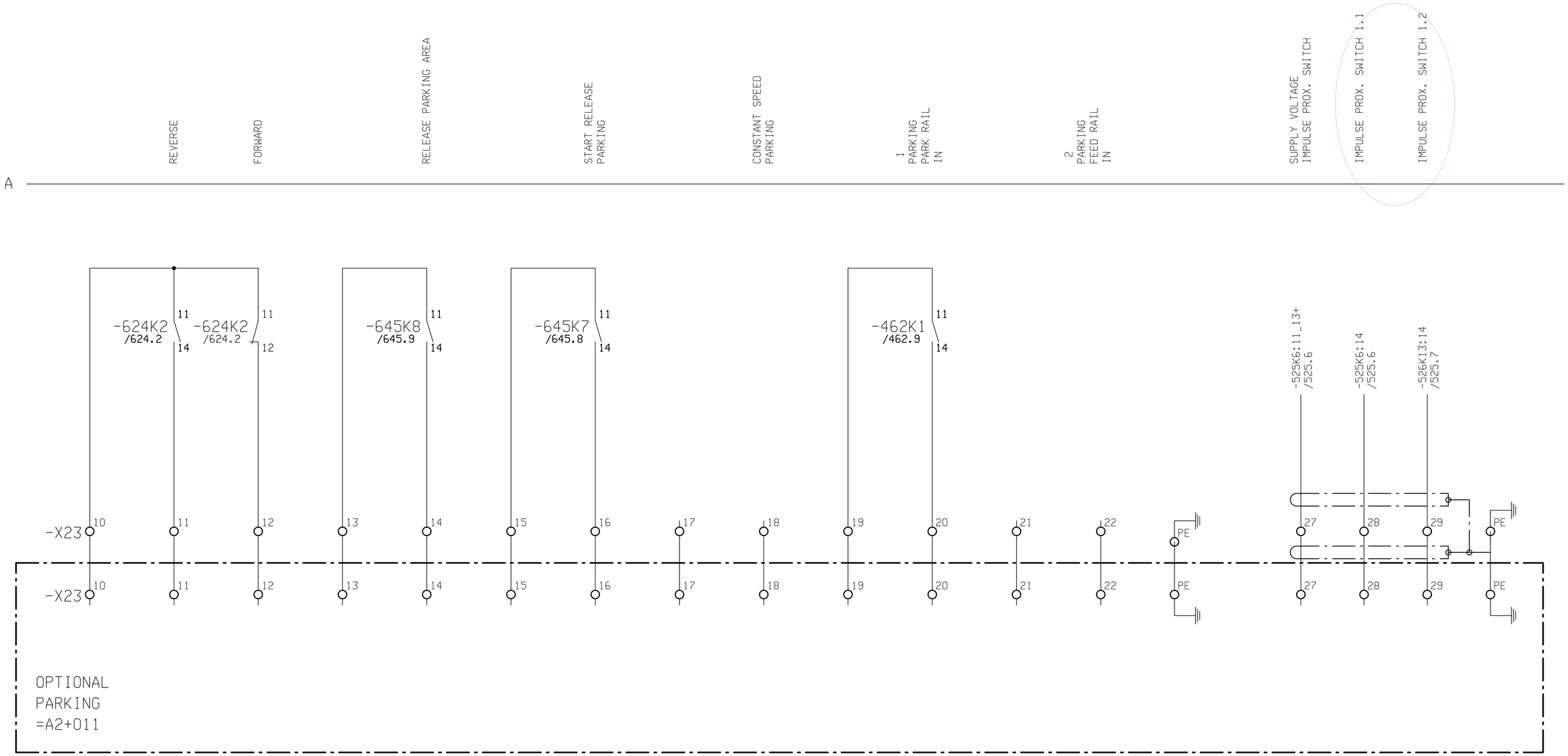
PLATFORM 1 PARKING

RETURN STATION | LV-CONTROL

=A2+01

Date	11.04.16
Sheet :	716
Cont.sheet:	720



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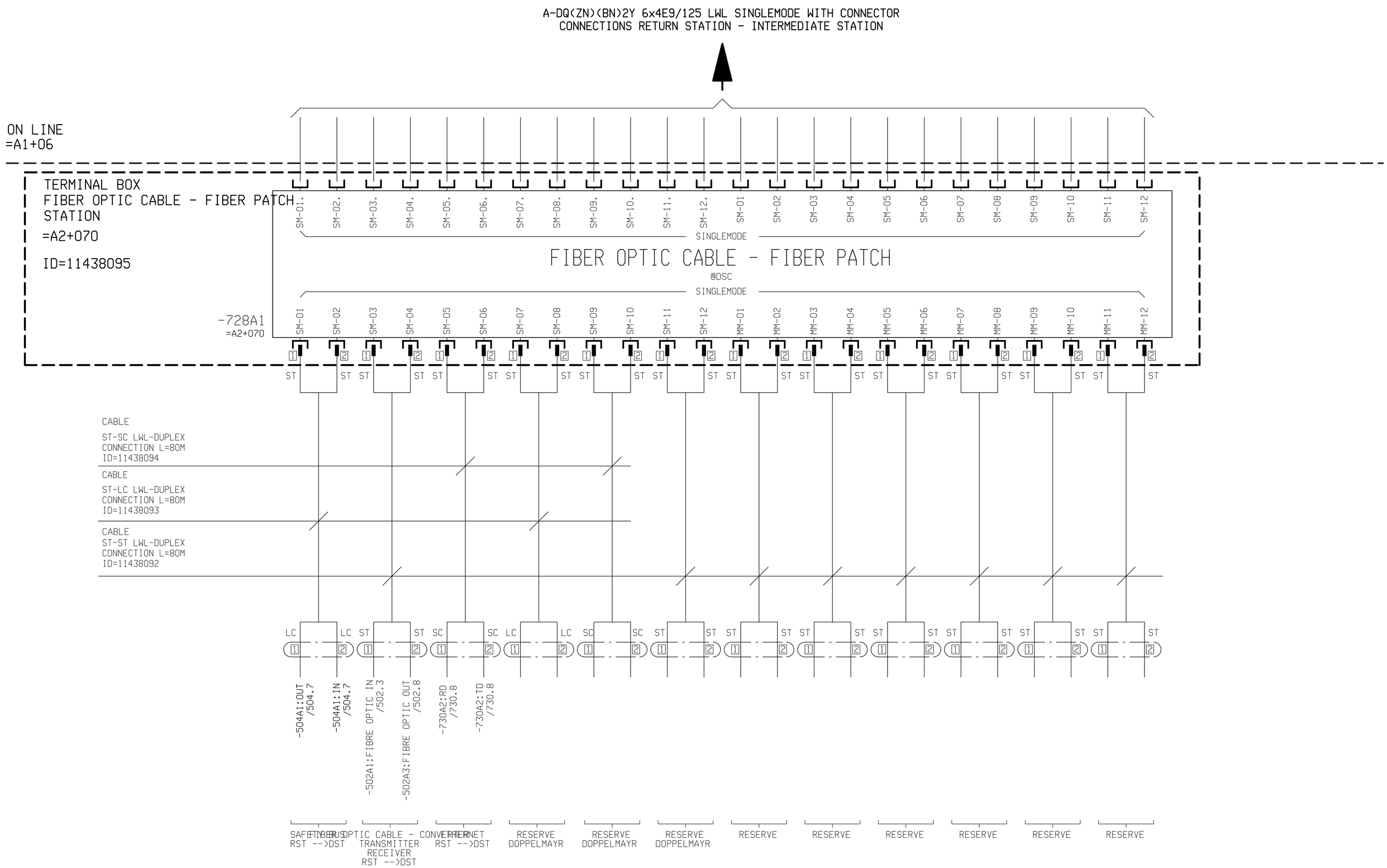
CONNECTIONS TO PARKING CONTROLS

RETURN STATION | LV-CONTROL

=A2+01

Date	16.09.16
Sheet :	720
Cont.sheet:	728



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File:	GEWAA4185		

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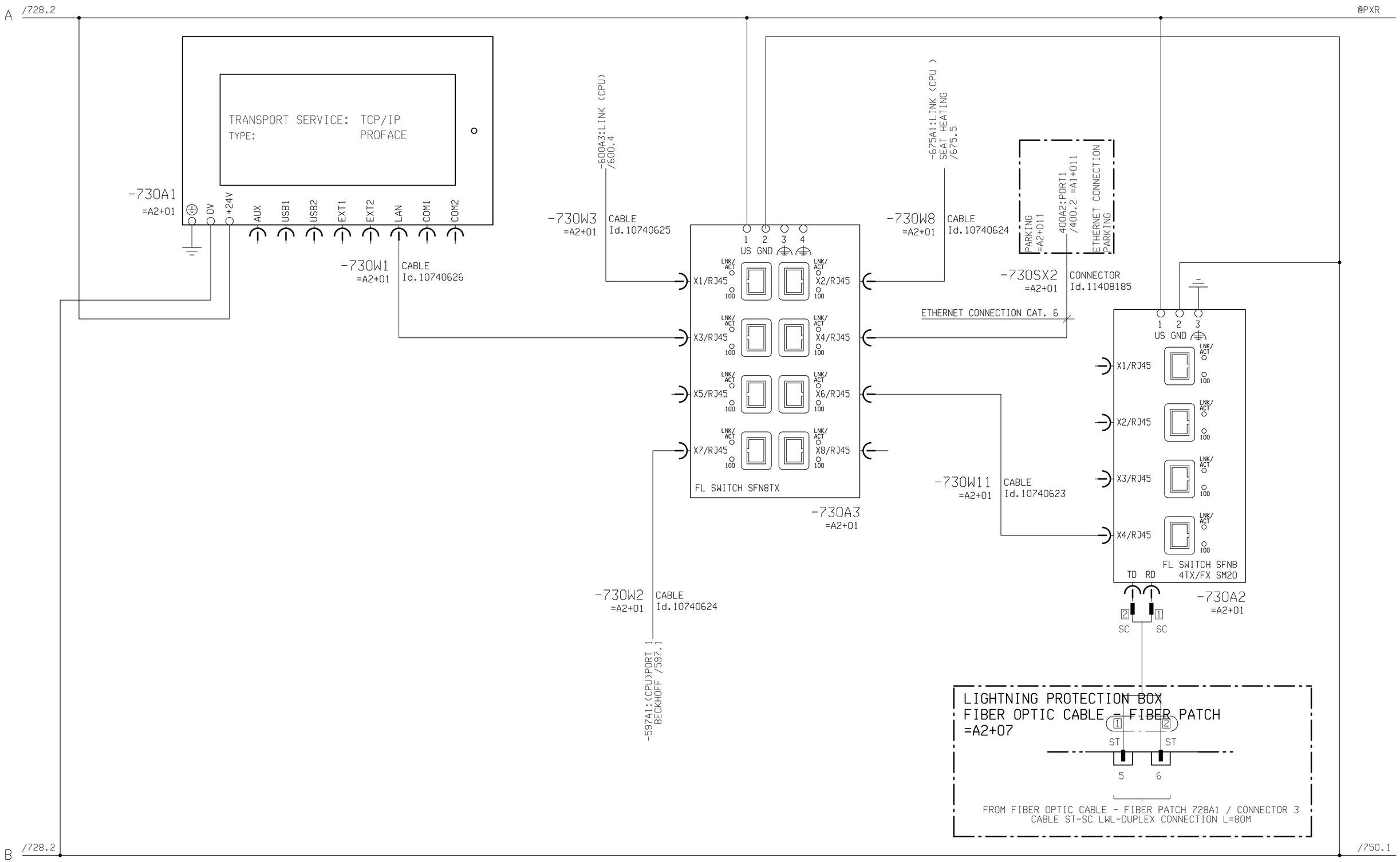
FIBER OPTIC CABLE - FIBER PATCH

RETURN STATION | LV-CONTROL

=A2+01

Date	19.04.16
Sheet :	728
Cont.sheet:	730



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Date	20.01.17	Dr.ch.by	FMa
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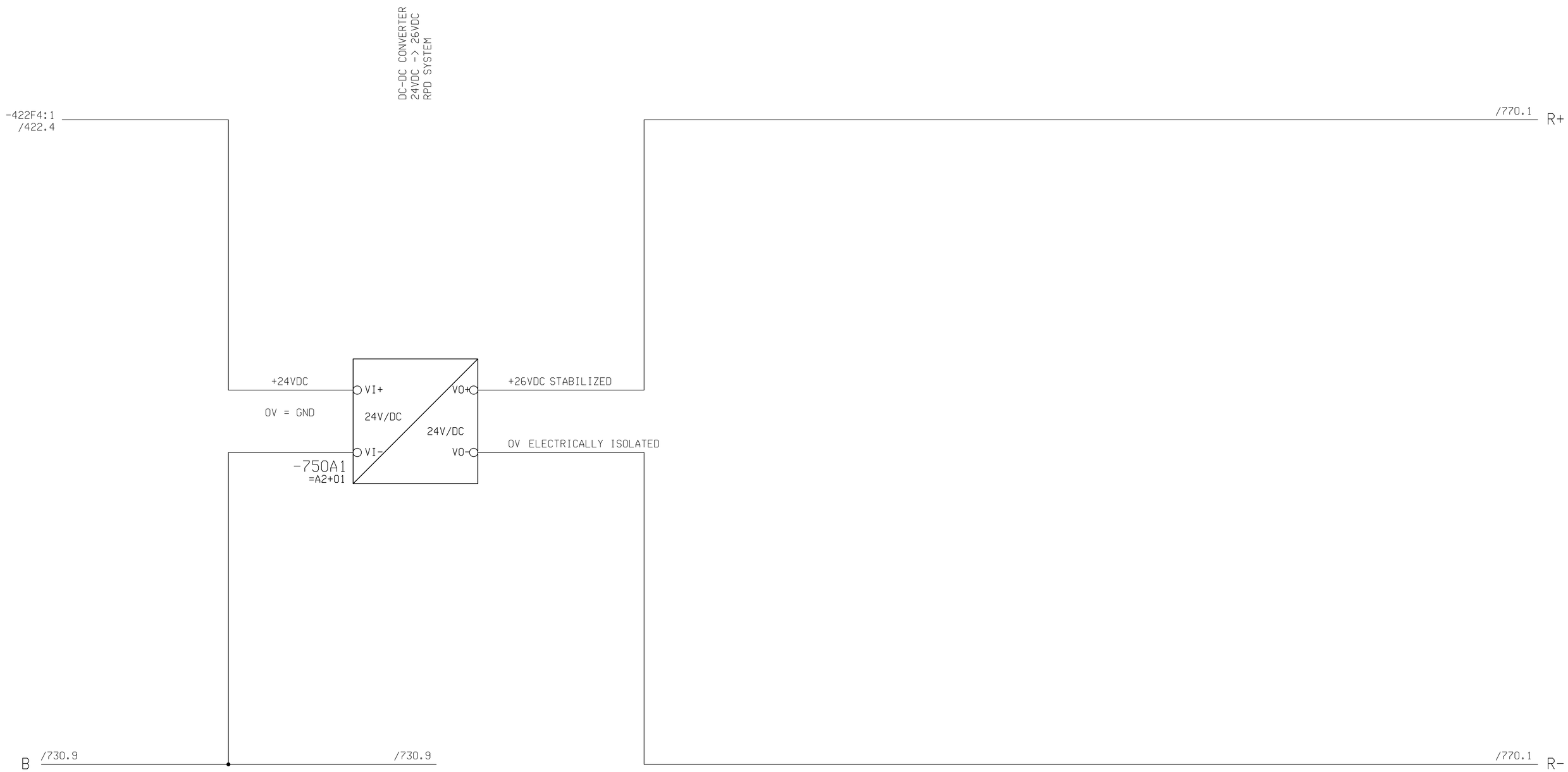
TOUCH SCREEN

RETURN STATION | LV-CONTROL

=A2+01

Date	18.10.16
Sheet :	730
Cont.sheet:	750



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RPD SUPPLY VOLTAGE

RETURN STATION | LV-CONTROL

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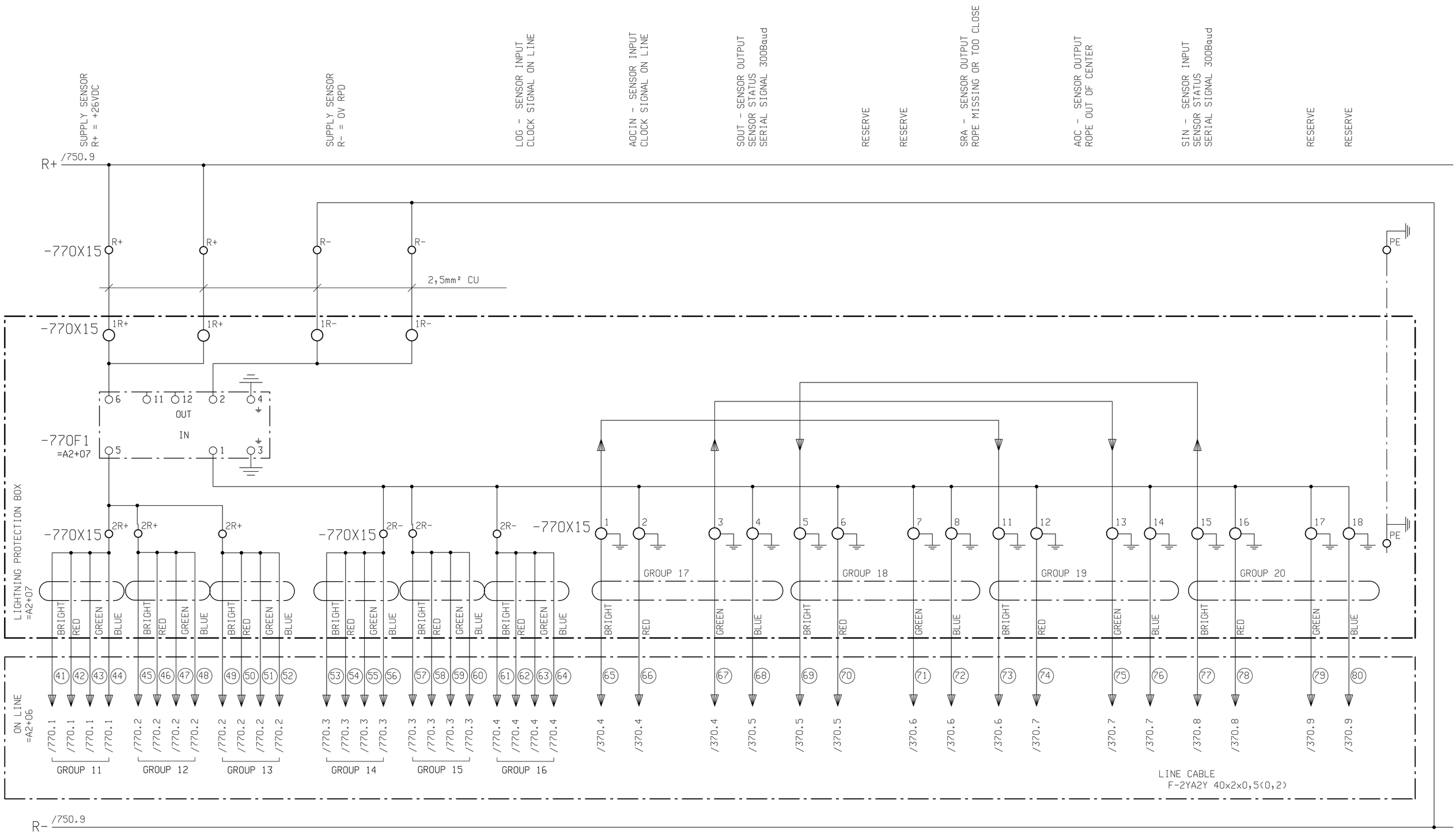

Revision	2.0	Drawn by	SST
Date	20.01.17	Dr.ch.by	FMa
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