
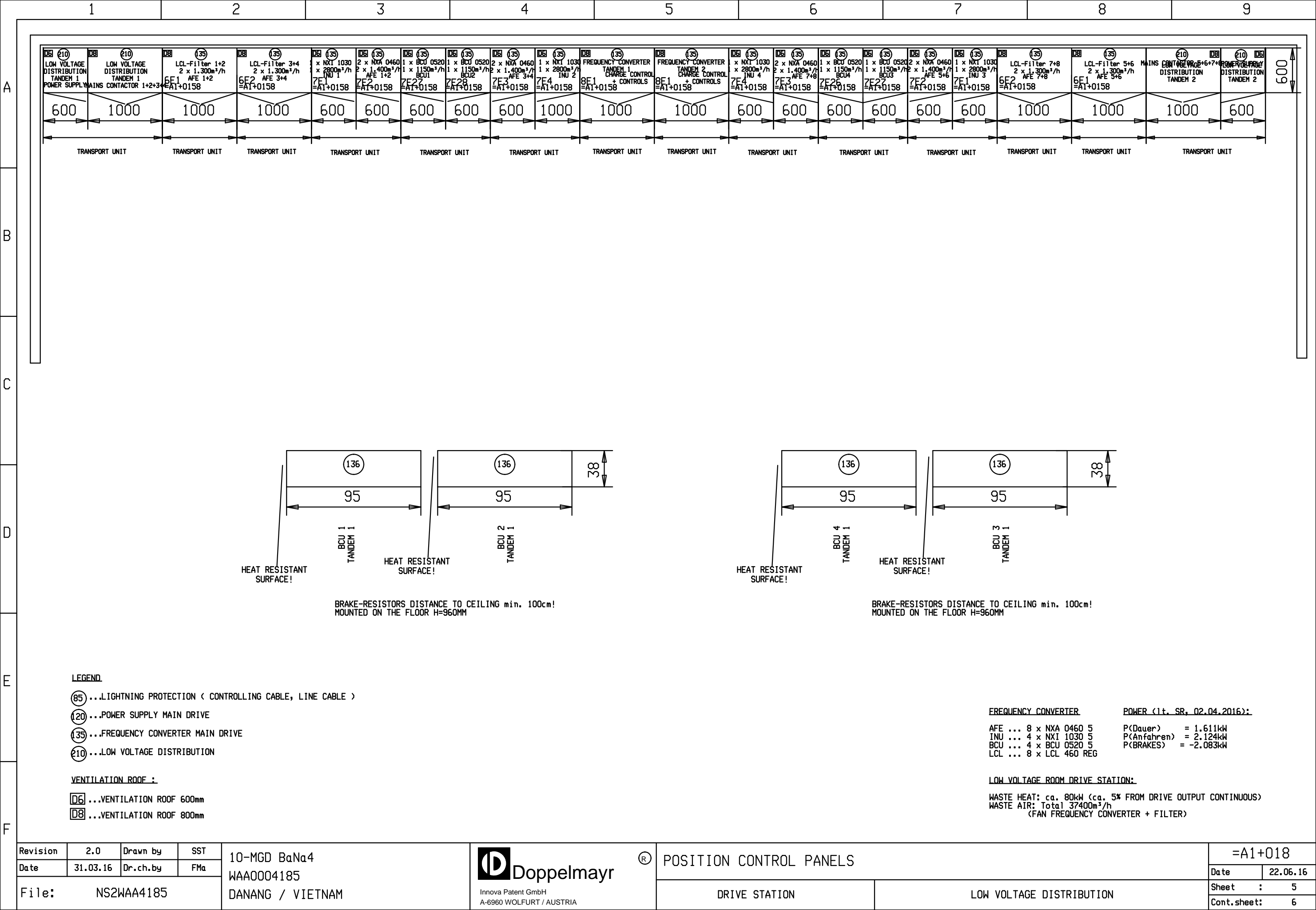
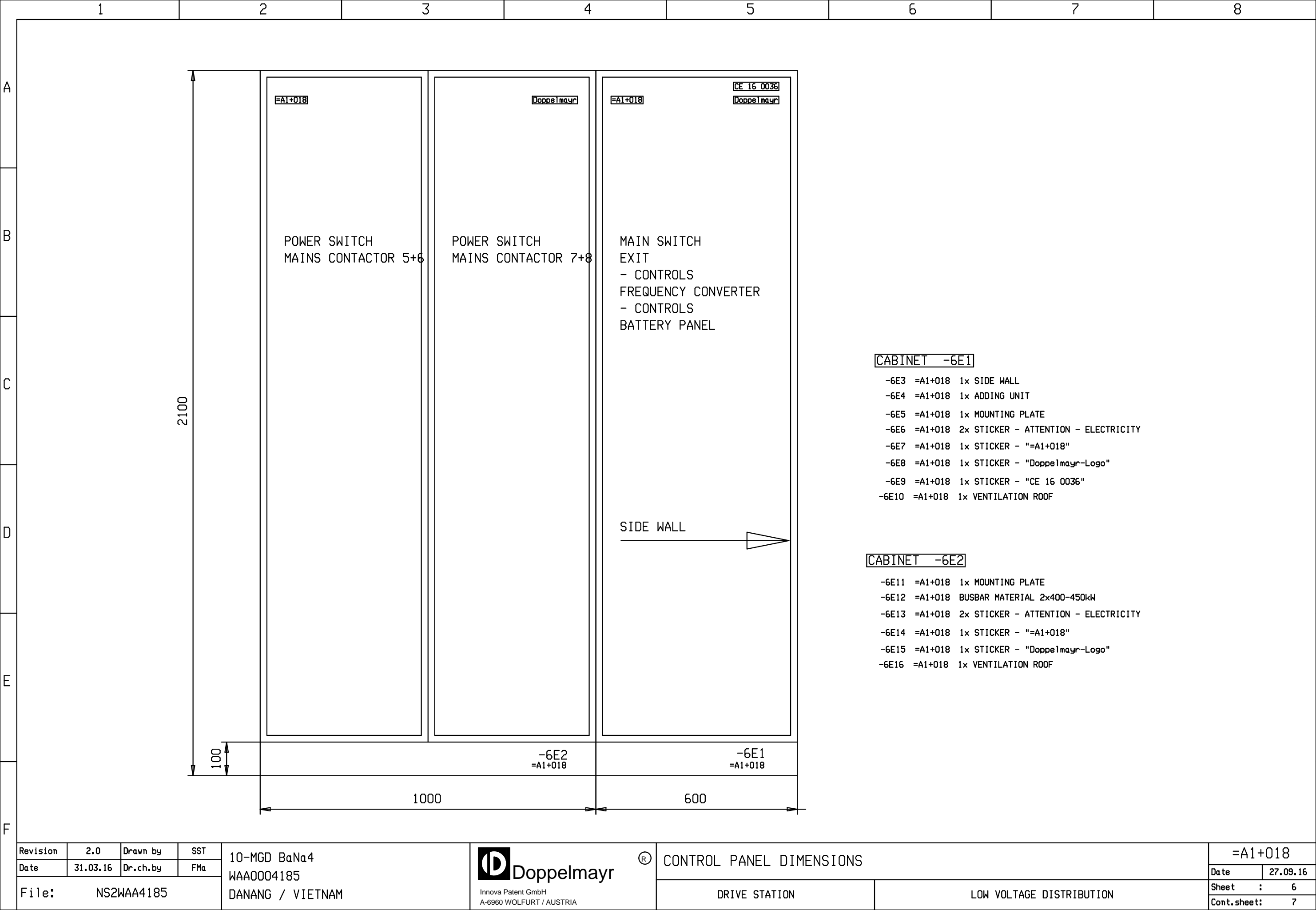
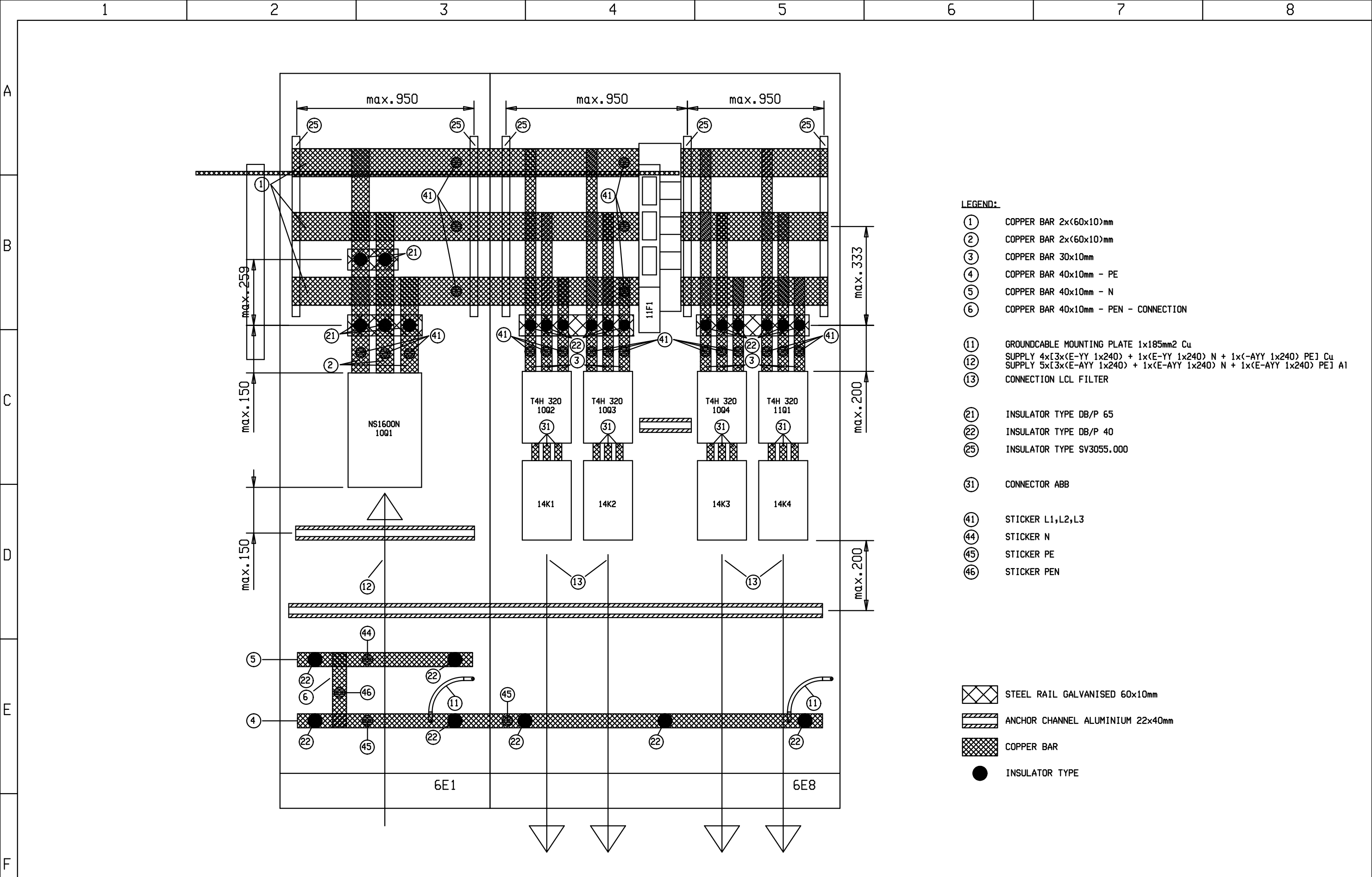


Revision	2.0	Drawn by	SST	10-MGD BaNa4 WAA0004185 DANANG / VIETNAM	 Doppelmayr <small>Innova Patent GmbH A-6960 WOLFFURT / AUSTRIA</small>	®	INFORMATION		=A1+018	
Date	31.03.16	Dr.ch.by	FMa				Date	15.06.16		
File: NS2WAA4185							DRIVE STATION	LOW VOLTAGE DISTRIBUTION	Sheet : 2	Cont.sheet: 5







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STRUCTURE CONTROL PANEL		=A1+018	
DRIVE STATION		LOW VOLTAGE DISTRIBUTION	
Date	31.05.16	Sheet	7
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A

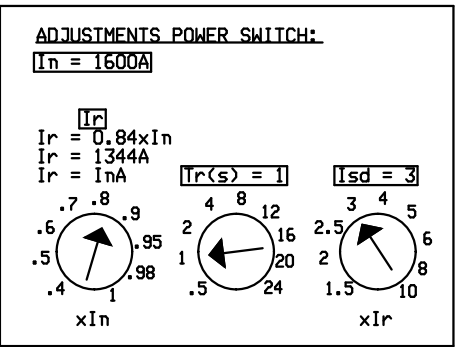
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C

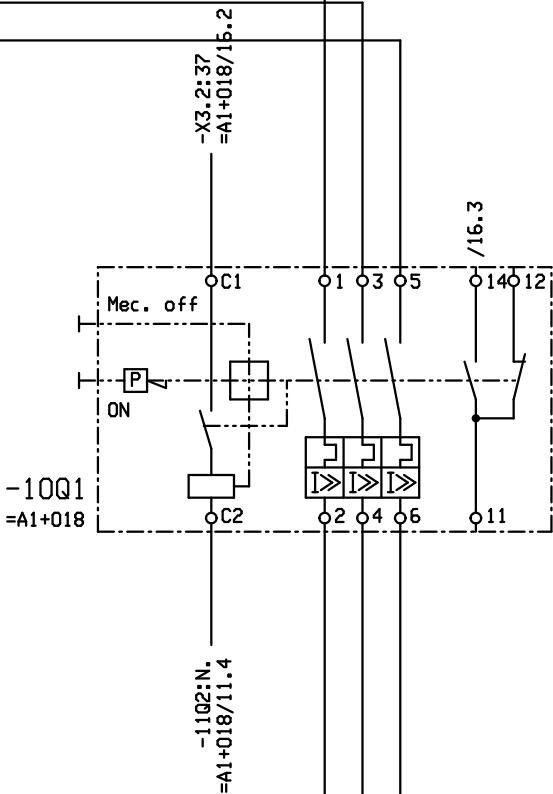
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E

F

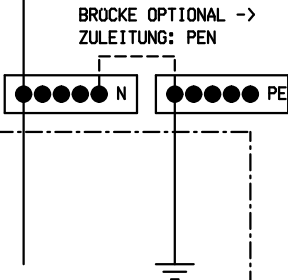


POWER SUPPLY
3x400V 50Hz
POWER SWITCH 1600A



-10E1 =A1+018 1x VERT. CONN. BUSBAR 3P
-10E2 =A1+018 1x CABLE LUG ADAPTER 3P

POWER SUPPLY CABLE CUSTOMER



REGENERATIVE RECTIFIER
UNIT 5 LCL- FILTER
 $I_{pk} = 33kA$

REGENERATIVE RECTIFIER
UNIT 6 LCL- FILTER
 $I_{pk} = 33kA$

REGENERATIVE RECTIFIER
UNIT 7 LCL- FILTER
 $I_{pk} = 33kA$

BUSBAR HORIZONTAL
2x (60x10) Cu
BUSBAR VERTICAL
(50x10) Cu

BUSBAR 30x10 Cu

BUSBAR 30x10 Cu

BUSBAR 30x10 Cu

-10Q2
=A1+018

-10Q3
=A1+018

-10Q4
=A1+018

-14K1
/14.1

-14K2
/14.2

-14K3
/14.3

2 x 120mm2 Cu

2 x 120mm2 Cu

2 x 120mm2 Cu

LCL- FILTER
FREQUENCY CONVERTER 5
=A1+0159

LCL- FILTER
FREQUENCY CONVERTER 6
=A1+0159

LCL- FILTER
FREQUENCY CONVERTER 7
=A1+0159

ADJUSTMENT POWER SWITCH ABB T5H 630:

L		S/I			N		
I1	t1	S/I	I3	t2	ON/OFF	50%	100%
$I_n \times (0,4 + \frac{0,04}{0,08} \frac{0,16}{0,32})$ $\frac{0,04}{0,08} \frac{0,16}{0,32}$ 0 0 0 0	3s	I	1,5	0,1s	OFF	100%	
$= 630 \times (0,4 + 0,04 + 0,32) = 630A \times 0,64 = 479A$							

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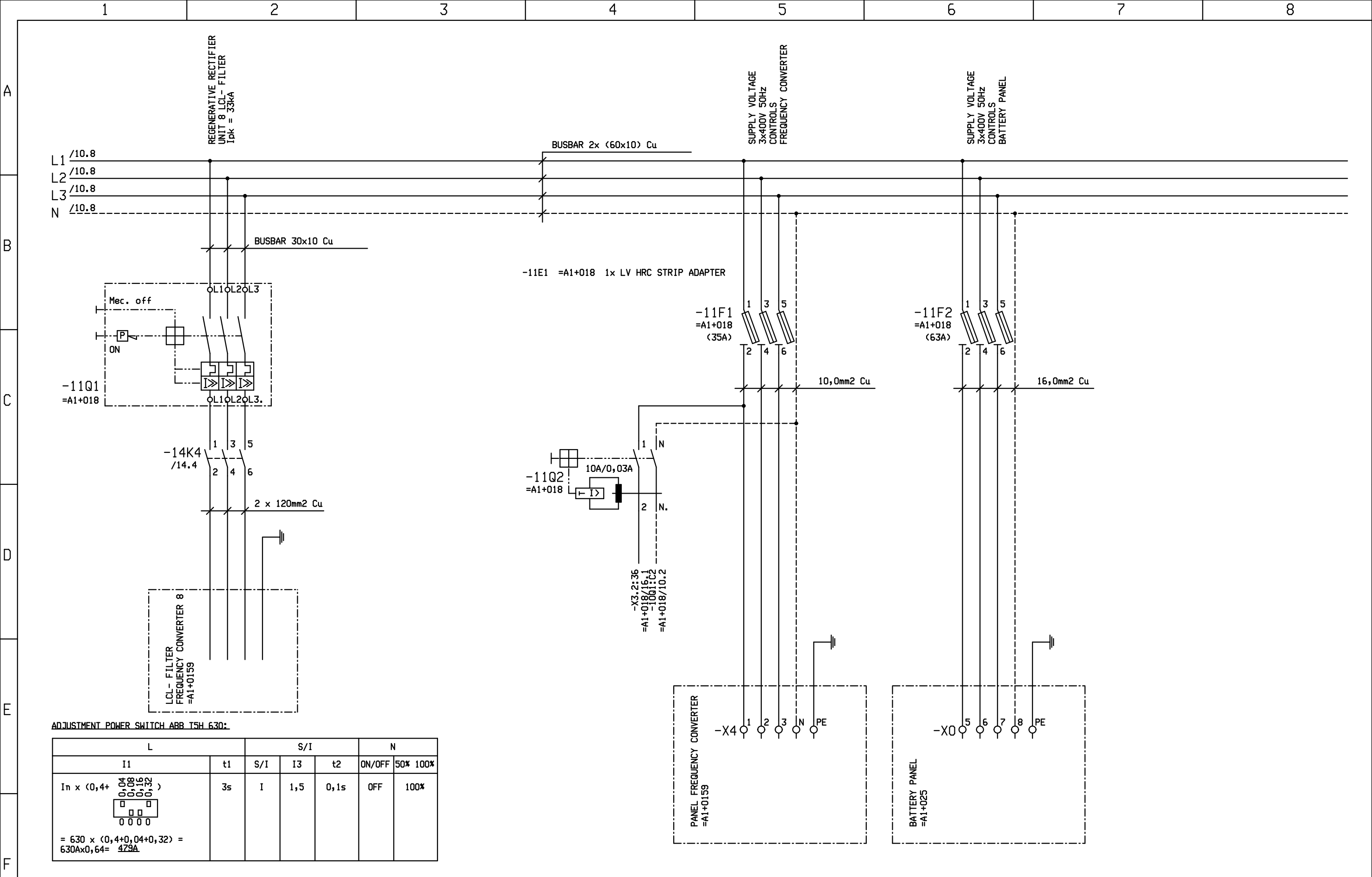
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POWER SUPPLY 3x400V 50Hz

DRIVE STATION

LOW VOLTAGE DISTRIBUTION

=A1+018	
Date	18.10.16
Sheet	: 10
Cont.sheet:	11



ADJUSTMENT POWER SWITCH ABB T5H 630:

L		S/I			N	
I1	t1	S/I	I3	t2	ON/OFF	50% 100%
$I_n \times (0,4 + \frac{0,08 \times 0,32}{0,000})$ $= 630 \times (0,4 + 0,04 + 0,32) = 630 \times 0,76 = 479A$	3s	I	1,5	0,1s	OFF	100%

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Date	31.03.16	Dr.ch.by	FMa
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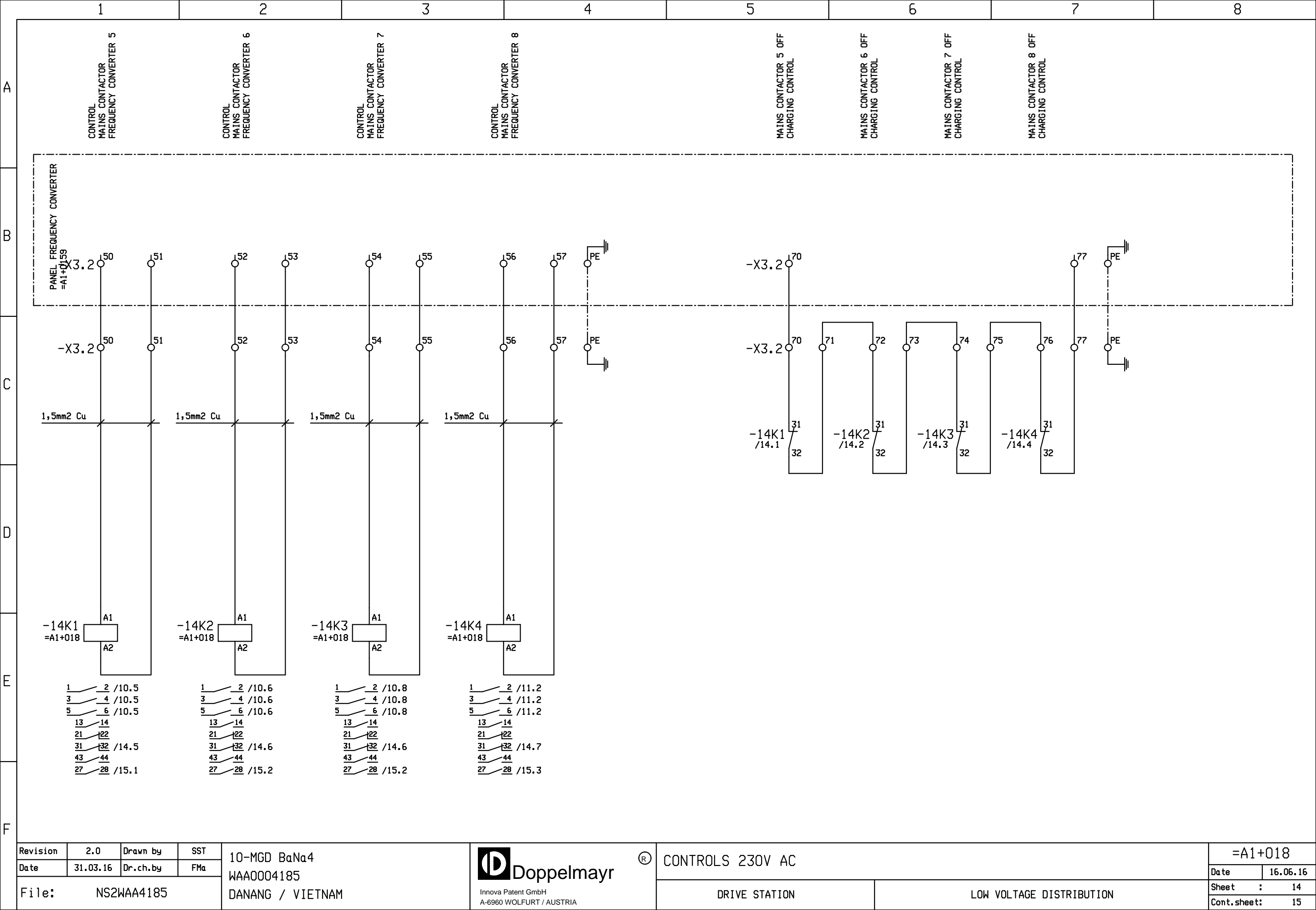
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POWER SUPPLY 3x400V / 230V 50Hz

DRIVE STATION

LOW VOLTAGE DISTRIBUTION

=A1+018	
Date	27.09.16
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Revision	2.0	Drawn by	SST
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File: NS2WAA4185

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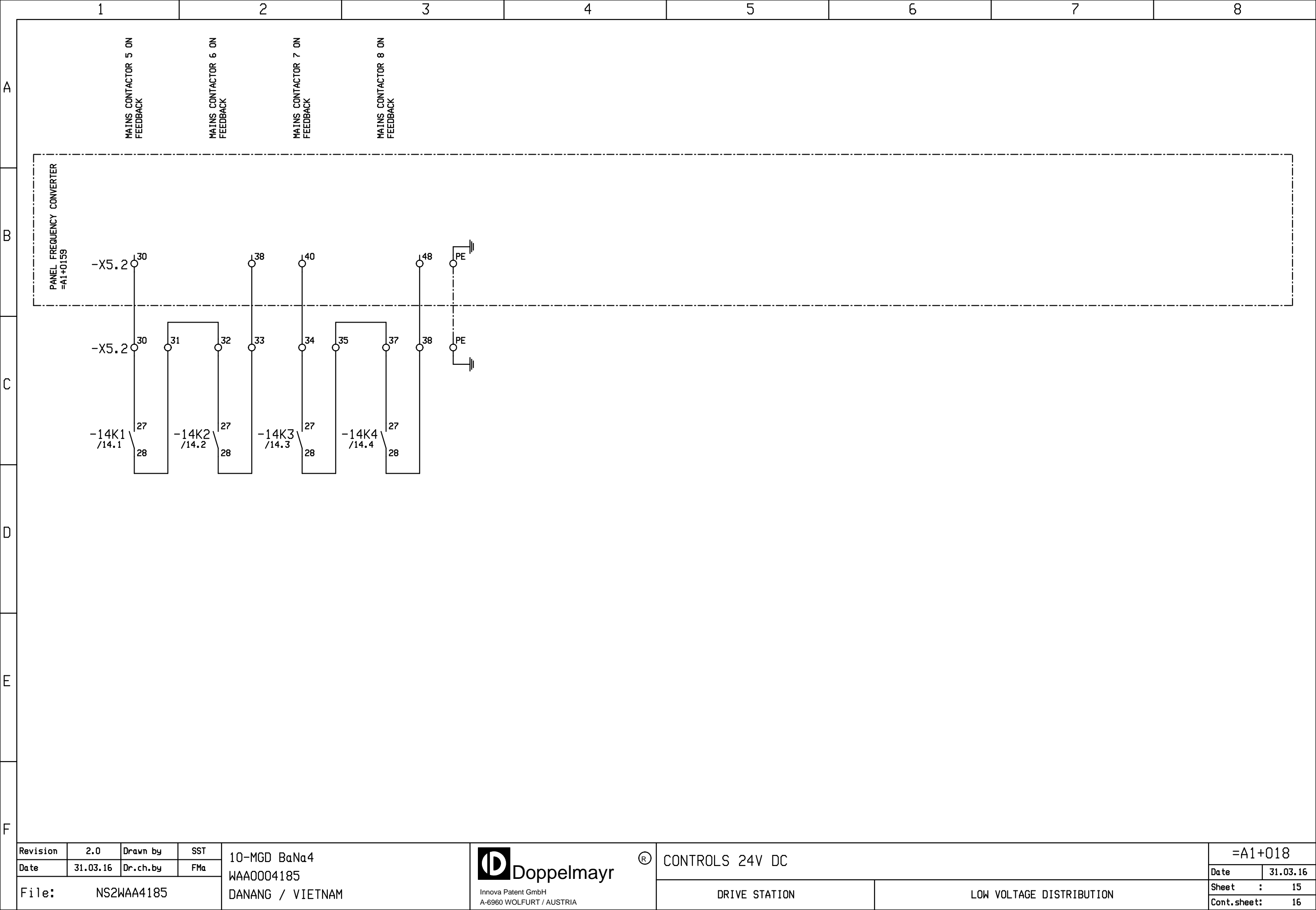


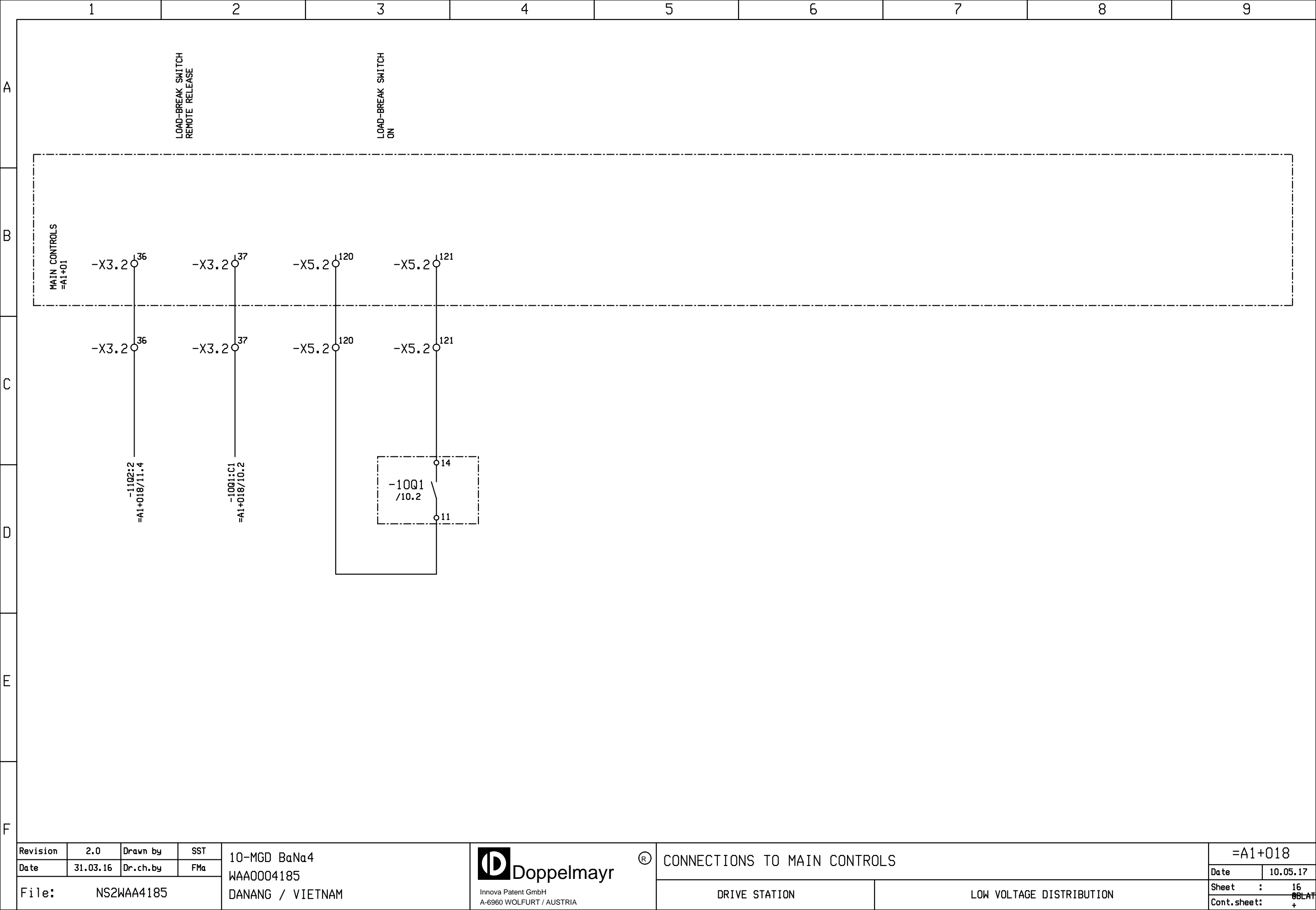
CONTROLS 230V AC

DRIVE STATION

LOW VOLTAGE DISTRIBUTION

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CONNECTIONS TO MAIN CONTROLS

DRIVE STATION	LOW VOLTAGE DISTRIBUTION
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Date	10.05.17
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