



Potec B.V. - Meet & Regeltechniek

Postbus 3, 5350 AA Berghem  
info@potec.nl  
www.potec.nl  
Tel. (0412)-405185 Fax (0412)-405186

Project : Breda University of Applied Scienes - FRONTIER

Monseigneur Hopmannstraat 1  
4817 JT Breda

Projectnummer : 6442 - BUOAS Frontier

Opdrachtgever : Willems Uden

RK1

|            |            |
|------------|------------|
| Ontwerp    | 08-04-2019 |
| Productie  | 24-05-2019 |
| Definitief | 07-06-2019 |
| Revisie    | 04-09-2019 |
| Revisie    |            |
| Revisie    |            |
| Revisie    |            |
| Revisie    |            |

| Pagina | Paginabeschrijving                        | Extra veld | Laatste wijziging |
|--------|-------------------------------------------|------------|-------------------|
| 001    | VOORBLAD                                  |            | 05.09.2019        |
| 010    | INHOUDSOPGAVE                             |            | 05.09.2019        |
| 011    | INHOUDSOPGAVE                             |            | 27.06.2019        |
| 012    | INHOUDSOPGAVE                             |            | 27.06.2019        |
| 050    | MATERIALENLIJST                           |            | 08.04.2019        |
| 051    | VERKLARING MEEST VOORKOMENDE SYMBOLEN     |            | 08.04.2019        |
| 060    | NETWERKOVERZICHT                          |            | 24.05.2019        |
| 100    | PI SCHEMA ALGEMEEN                        |            | 25.06.2019        |
| 101    | PI SCHEMA STADSVERWARMING                 |            | 05.07.2019        |
| 102    | PI SCHEMA WARMTEVERDELING                 |            | 25.06.2019        |
| 103    | PI SCHEMA WARMTEVERDELING                 |            | 25.06.2019        |
| 104    | PI SCHEMA RADIATORS SCHOOL ZONE 4 T/M 7   |            | 25.06.2019        |
| 105    | PI SCHEMA RADIATORS SCHOOL ZONE 8 T/M 10  |            | 25.06.2019        |
| 106    | PI SCHEMA RADIATORS KANTOREN ZONE 1 T/M 3 |            | 25.06.2019        |
| 107    | PI SCHEMA RADIATORS ZONE 11               |            | 25.06.2019        |
| 108    | PI SCHEMA AFVOERVENTILATOR TECHN RUIMTE   |            | 03.06.2019        |
| 109    | PI SCHEMA PATCHRUIMTES                    |            | 10.05.2019        |
| 110    | PI SCHEMA NAREGELINGEN COLLEGEZALEN       |            | 07.06.2019        |
| 111    | PI SCHEMA LUCHTGORDIJNEN                  |            | 07.06.2019        |
| 200    | HOOFDSTROOM VOEDING REGELPANEEL           |            | 27.06.2019        |
| 201    | HOOFDSTROOM CIRCULATIEPOMPEN              |            | 27.06.2019        |
| 202    | HOOFDSTROOM CIRCULATIEPOMPEN              |            | 27.06.2019        |
| 203    | HOOFDSTROOM CIRCULATIEPOMPEN              |            | 27.06.2019        |
| 204    | HOOFDSTROOM CIRCULATIEPOMPEN              |            | 27.06.2019        |
| 205    | HOOFDSTROOM VOEDING DIVERSE               |            | 27.06.2019        |
| 206    | HOOFDSTROOM RESERVE                       |            | 27.06.2019        |
| 280    | HOOFDSTROOM KASTVOORZIENINGEN             |            | 07.06.2019        |

| Pagina | Paginabeschrijving                        | Extra veld | Laatste wijziging |
|--------|-------------------------------------------|------------|-------------------|
| 281    | HOOFDSTROOM STUURSPANNINGEN               |            | 27.06.2019        |
| 300    | Blue ID C-MX34m (VOEDING REGELAAR)        | OS1        | 07.06.2019        |
| 301    | Blue ID C-MX34m (DATACOMMUNICATIE)        | OS1        | 27.06.2019        |
| 302    | Blue ID C-MX34m (DIGITALE UITGANGEN)      | OS1        | 25.06.2019        |
| 303    | Blue ID C-MX34m (ANALOGUE UITGANGEN)      | OS1        | 27.06.2019        |
| 304    | Blue ID C-MX34m (DIGITALE INGANGEN)       | OS1        | 27.06.2019        |
| 305    | Blue ID C-MX34m (DIGITALE INGANGEN)       | OS1        | 27.06.2019        |
| 306    | Blue ID C-MX34m (UNIVERSELE INGANGEN)     | OS1        | 27.06.2019        |
| 307    | Blue ID MX34m (DIGITALE UITGANGEN)        | OS1        | 10.05.2019        |
| 308    | Blue ID MX34m (ANALOGUE UITGANGEN)        | OS1        | 10.05.2019        |
| 309    | Blue ID MX34m (DIGITALE INGANGEN)         | OS1        | 27.06.2019        |
| 310    | Blue ID MX34m (DIGITALE INGANGEN)         | OS1        | 27.06.2019        |
| 311    | Blue ID MX34m (UNIVERSELE INGANGEN)       | OS1        | 27.06.2019        |
| 320    | Blue ID C-MX34m (VOEDING REGELAAR)        | OS2        | 07.06.2019        |
| 321    | Blue ID C-MX34m (DATACOMMUNICATIE)        | OS2        | 27.06.2019        |
| 322    | Blue ID C-MX34m (DIGITALE UITGANGEN)      | OS2        | 07.06.2019        |
| 323    | Blue ID C-MX34m (ANALOGUE UITGANGEN)      | OS2        | 27.06.2019        |
| 324    | Blue ID C-MX34m (DIGITALE INGANGEN)       | OS2        | 27.06.2019        |
| 325    | Blue ID C-MX34m (DIGITALE INGANGEN)       | OS2        | 27.06.2019        |
| 326    | Blue ID C-MX34m (UNIVERSELE INGANGEN)     | OS2        | 27.06.2019        |
| 327    | Blue ID MX34m (DIGITALE UITGANGEN)        | OS2        | 07.06.2019        |
| 328    | Blue ID MX34m (ANALOGUE UITGANGEN)        | OS2        | 07.06.2019        |
| 329    | Blue ID MX34m (DIGITALE INGANGEN)         | OS2        | 07.06.2019        |
| 330    | Blue ID MX34m (DIGITALE INGANGEN)         | OS2        | 07.06.2019        |
| 331    | Blue ID MX34m (UNIVERSELE INGANGEN)       | OS2        | 27.06.2019        |
| 400    | STUURSTROOM CIRCULATIEPOMPEN & VENTILATOR |            | 27.06.2019        |
| 401    | STUURSTROOM REGELKAST ENNATUURLIJK        |            | 27.06.2019        |

| Pagina | Paginabeschrijving                           | Extra veld | Laatste wijziging |
|--------|----------------------------------------------|------------|-------------------|
| 402    | STUURSTROOM REGELAFSLUITERS                  |            | 27.06.2019        |
| 403    | STUURSTROOM ZONE AFSLUITERS 4 T/M 9          |            | 27.06.2019        |
| 404    | STUURSTROOM ZONE AFSLUITERS 1 T/M 3 & 10, 11 |            | 27.06.2019        |
| 450    | STUURSTROOM SIGNALERINGEN                    |            | 27.06.2019        |
| 500    | REGELPANEEL INDELING                         |            | 07.06.2019        |
| 501    | REGELPANEEL INDELING                         |            | 24.06.2019        |
| 600    | KABELLIJST: COMMUNICATIE DIVERSEN            |            | 03.06.2019        |
| 601    | KABELLIJST X0: VOEDING REGELPANEEL           |            | 10.05.2019        |
| 602    | KABELLIJST X1: HOOFDSTROOM 400VAC/230VAC     |            | 03.06.2019        |
| 603    | KABELLIJST X2: STUURSTROOM 230VAC            |            | 10.05.2019        |
| 604    | KABELLIJST X3: ZWAKSTROOM                    |            | 27.06.2019        |
| 605    | KABELLIJST X3: ZWAKSTROOM                    |            | 27.06.2019        |
| 606    | KABELLIJST X3: ZWAKSTROOM                    |            | 27.06.2019        |
| 607    | KABELLIJST X4: MEETCIRCUITS                  |            | 03.06.2019        |
| 608    | KABELLIJST X4: MEETCIRCUITS                  |            | 03.06.2019        |
| 609    | KABELLIJST X5: VREEMDE SPANNING              |            | 23.05.2019        |
| 610    | KABELLIJST X6: DATA COMMUNICATIE             |            | 07.06.2019        |
| 611    | NAREGELING TYPICAL 1                         |            | 27.06.2019        |
| 612    | NAREGELING TYPICAL 1                         |            | 07.06.2019        |
|        |                                              |            |                   |
|        |                                              |            |                   |
|        |                                              |            |                   |
|        |                                              |            |                   |
|        |                                              |            |                   |
|        |                                              |            |                   |
|        |                                              |            |                   |
|        |                                              |            |                   |
|        |                                              |            |                   |

M:\Eplan P8\Projecten\Potec\Archief\Breda\6442 - NHTV N gebouw\6442 - BUOAS Frontier.elk

| ONDERDEELCODE VELDAPPARATUUR |                                   | ONDERDEELCODE E-SCHEMA'S |                                         | MATERIALEN             |  | FABRIKAAT    |  | KLEURENCODERING BEDRADING                 |             |
|------------------------------|-----------------------------------|--------------------------|-----------------------------------------|------------------------|--|--------------|--|-------------------------------------------|-------------|
| AV                           | AFZUIGVENTILATOR                  | Q                        | HOOFDSCHAKELAAR                         | SCHAKELKAST            |  | RITTAL       |  | HOOFDSTROOM 400V / 230V                   | ZWART       |
| BC                           | BRANDMELDCENTRALE                 | F                        | BEVEILIGINGSTOESTELLEN                  | KASTVERLICHTING        |  | RITTAL/ELDON |  | NUL                                       | LICHTBLAUW  |
| BP                           | BRONPOMP                          | E                        | KASTVERLICHTING / VERWARMINGSTOESTELLEN | KASTVENTILATIE         |  | RITTAL       |  | AARDE                                     | GEEL/GROEN  |
| BS                           | BRANDSCHAKELAAR                   | M                        | MOTOR                                   | HOOFDSCHAKELAAR        |  | EATON        |  | STUURSTROOM 230VAC FASE                   | BRUIN       |
| BV                           | BEVOCHTIGER                       | Q                        | MAGNEETSCHAKELAAR                       | NOKKENSCHAKELAARS      |  | EATON        |  | STUURSTROOM 230VAC SCHAKEL                | ZWART       |
| CD                           | REGELKLEP MODULEREND LUCHTZIJDIG  | S                        | SCHAKELAAR                              | SIGNAALARMATUREN       |  | EATON        |  | STUURSTROOM 230VAC NUL                    | LICHTBLAUW  |
| CP                           | CIRCULATIEPOMP                    | K                        | HULPRELAIS                              | DRUKKNOPPEN            |  | EATON        |  | ZWAKSTROOM <50VAC G                       | ORANJE      |
| CV                           | REGELKLEP MODULEREND WATERZIJDIG  | R                        | WEERSTAND                               | RIJGKLEMMEN            |  | PHOENIX      |  | ZWAKSTROOM <50VAC SCHAKEL                 | ORANJE      |
| DP                           | DRUKVERHOGINGSPOMP                | H                        | SIGNAALLAMP                             | ETHERNETSWITCH         |  | MOXA         |  | ZWAKSTROOM <50VAC G0                      | WIT         |
| FC                           | STROMINGS CONTROLLER              | X                        | AANSLUITKLEM / WCD                      | REGELAPPARATUUR        |  | PRIVA        |  | ZWAKSTROOM <50VDC +                       | ROOD        |
| FD                           | TWEEWEGKLEP LUCHTZIJDIG           | D                        | DIODE                                   | INTERVENTIE            |  | PRIVA        |  | ZWAKSTROOM <50VDC SCHAKEL                 | ROOD        |
| FS                           | STROMINGSSCHAKELAAR               | C                        | CONDENSATOR                             | HULPRELAIS 24V         |  | PHOENIX      |  | ZWAKSTROOM <50VDC -                       | DONKERBLAUW |
| FT                           | STROMINGS-OPNEMER                 | P                        | KLOK/NEVENKLOK                          | HULPRELAIS 230V        |  | PHOENIX      |  | ZWAKSTROOM STUURSIGNAAL                   | GRIJS       |
| FV                           | TWEEWEGKLEP WATERZIJDIG           | T                        | TRAFO / STROOMTRAFO                     | TIJDRELAIS             |  | FINDER       |  | MEETCIRCUITS                              | GRIJS       |
| FZ                           | STROMINGSSCHAKELAAR VERGRENDELEND | U                        | OMVORMER / INTERVENTIE                  | FASEBEWAKING           |  | EATON        |  | DIGITALE INGANGEN 24VAC                   | ORANJE      |
| HM                           | HANDMELDING                       | N                        | REGELAAR / MODULE / DISPLAY             | INSTALL.AUTOMATEN      |  | EATON        |  | DIGITALE INGANGEN (SPANNING UIT REGELAAR) | ROOD        |
| KG                           | KETEL GAS GESTOOKT                | A                        | MODEM / ETHERNETSWITCH                  | MOTORBEV.SCHAKELAARS   |  | EATON        |  | VREEMDE SPANNINGEN                        | TRANSPARANT |
| KM                           | KOELMACHINE                       |                          |                                         | MAGNEETSCHAKELAARS     |  | EATON        |  |                                           |             |
| KS                           | TIJDSCHAKELAAR (TIMER)            |                          |                                         | THERM.BEVEILIGINGEN    |  | EATON        |  |                                           |             |
| LB                           | LUCHTBEHANDELINGSKAST             |                          |                                         | VERDELER               |  | RITTAL       |  |                                           |             |
| LC                           | NIVO CONTROLLER                   |                          |                                         | ZEKERINGEN             |  | HAGER        |  |                                           |             |
| LS                           | NIVOSCHAKELAAR                    |                          |                                         | W.C.D.                 |  | EATON        |  |                                           |             |
| LT                           | NIVO-OPNEMER                      |                          |                                         | TRANSFORMATOR          |  | LEGRAND      |  |                                           |             |
| LV                           | LUCHTVERHITTER                    |                          |                                         | GELIJKSPANNINGSVOEDING |  | MEAN WELL    |  |                                           |             |
| MS                           | VOCHTSCHAKELAAR                   |                          |                                         | DRAADKOKER             |  | REHAU        |  |                                           |             |
| MT                           | VOCHTOPNEMER                      |                          |                                         |                        |  |              |  |                                           |             |
| PS                           | DRUKSCHAKELAAR                    |                          |                                         |                        |  |              |  |                                           |             |
| PT                           | DRUK-OPNEMER                      |                          |                                         |                        |  |              |  |                                           |             |
| QT                           | LUCHTKWALITEITS-OPNEMER           |                          |                                         |                        |  |              |  |                                           |             |
| TP                           | TRANSPORTPOMP                     |                          |                                         |                        |  |              |  |                                           |             |
| TS                           | TEMPERATUURSCHAKELAAR             |                          |                                         |                        |  |              |  |                                           |             |
| TE                           | TEMPERATUUR-OPNEMER               |                          |                                         |                        |  |              |  |                                           |             |
| TV                           | TOEVOERVENTILATOR                 |                          |                                         |                        |  |              |  |                                           |             |
| UT                           | GECOMBINEERDE OPNEMER             |                          |                                         |                        |  |              |  |                                           |             |
| WK                           | WARMTEKRACHTCENTRALE              |                          |                                         |                        |  |              |  |                                           |             |
| XT                           | OPNEMER ONGEDEFINIEERD            |                          |                                         |                        |  |              |  |                                           |             |
| XX                           | ALGEMEEN ONGEDEFINIEERD           |                          |                                         |                        |  |              |  |                                           |             |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| HANDMELDING                    | GEEL  |
| OVERIGE                        | WIT   |

| KLEUREN CODERING SIGNAALLAMPEN |       |
|--------------------------------|-------|
| BEDRIJFSMELDING                | GROEN |
| STORINGSMELDING                | ROOD  |
| BRANDMELDING                   | BLAUW |
| H                              |       |

ONDERDEELCODE VELDAPPARATUUR

|    |                                   |
|----|-----------------------------------|
| AV | AFZUIGVENTILATOR                  |
| BC | BRANDMELDCENTRALE                 |
| BP | BRONPOMP                          |
| BS | BRANDSCHAKELAAR                   |
| BV | BEVOCHTIGER                       |
| CD | REGELKLEP MODULEREND LUCHTZIJDIG  |
| CP | CIRCULATIEPOMP                    |
| CV | REGELKLEP MODULEREND WATERZIJDIG  |
| DP | DRUKVERHOGINGSPOMP                |
| FC | STROMINGS CONTROLLER              |
| FD | TWEEWEGKLEP LUCHTZIJDIG           |
| FS | STROMINGSSCHAKELAAR               |
| FT | STROMINGS-OPNEMER                 |
| FV | TWEEWEGKLEP WATERZIJDIG           |
| FZ | STROMINGSSCHAKELAAR VERGRENDELEND |
| HM | HANDELDING                        |
| KG | KETEL GAS GESTOOKT                |
| KM | KOELMACHINE                       |
| KS | TIJDSCHAKELAAR (TIMER)            |
| LB | LUCHTBEHANDELINGSKAST             |
| LC | NIVO CONTROLLER                   |
| LS | NIVOSCHAKELAAR                    |
| LT | NIVO-OPNEMER                      |
| LV | LUCHTVERHITTER                    |
| MS | VOCHTSCHAKELAAR                   |
| MT | VOCHTOPNEMER                      |
| PS | DRUKSCHAKELAAR                    |
| PT | DRUK-OPNEMER                      |
| QT | LUCHTKWALITEITS-OPNEMER           |
| TP | TRANSPORTPOMP                     |
| TS | TEMPERATUURSCHAKELAAR             |
| TE | TEMPERATUUR-OPNEMER               |
| TV | TOEVOERVENTILATOR                 |
| UT | GECOMBINEERDE OPNEMER             |
| WK | WARMTEKRACHTCENTRALE              |
| XT | OPNEMER ONGEDEFINIEERD            |
| XX | ALGEMEEN ONGEDEFINIEERD           |

ONDERDEELCODE E-SCHEMA'S

|   |                                         |
|---|-----------------------------------------|
| Q | HOOFDSCHAKELAAR                         |
| F | BEVEILIGINGSTOESTELLEN                  |
| E | KASTVERLICHTING / VERWARMINGSTOESTELLEN |
| M | MOTOR                                   |
| Q | MAGNEETSCHAKELAAR                       |
| S | SCHAKELAAR                              |
| K | HULPRELAIS                              |
| R | WEERSTAND                               |
| H | SIGNAALLAMP                             |
| X | AANSLUITKLEM / WCD                      |
| D | DIODE                                   |
| C | CONDENSATOR                             |
| P | KLOK/NEVENKLOK                          |
| T | TRAFO / STROOMTRAFO                     |
| U | OMVORMER / INTERVENTIE                  |
| N | REGELAAR / MODULE / DISPLAY             |
| A | MODEM / ETHERNETSWITCH                  |

KLEMMENSTROKEN

|                              |
|------------------------------|
| X0=VOEDING REGELPANEEL       |
| X1=HOOFDSTROOM 400VAC/230VAC |
| X2=STUURSTROOM 230VAC        |
| X3=ZWAKSTROOM                |
| X4=MEETCIRCUITS              |
| X5=VREEMDE SPANNING          |
| X6=DATA COMMUNICATIE         |

MATERIALEN

|                        |              |
|------------------------|--------------|
| SCHAKELKAST            | RITTAL       |
| KASTVERLICHTING        | RITTAL/ELDON |
| KASTVENTILATIE         | RITTAL       |
| HOOFDSCHAKELAAR        | EATON        |
| NOKKENSCHAKELAARS      | EATON        |
| SIGNAALARMATUREN       | EATON        |
| DRUKKNOPPEN            | EATON        |
| RIJGKLEMMEN            | PHOENIX      |
| ETHERNETSWITCH         | MOXA         |
| REGELAPPARATUUR        | PRIVA        |
| INTERVENTIE            | PRIVA        |
| HULPRELAIS 24V         | PHOENIX      |
| HULPRELAIS 230V        | PHOENIX      |
| TIJDRELAIS             | FINDER       |
| FASEBEWAKING           | EATON        |
| INSTALL.AUTOMATEN      | EATON        |
| MOTORBEV.SCHAKELAARS   | EATON        |
| MAGNEETSCHAKELAARS     | EATON        |
| THERM.BEVEILIGINGEN    | EATON        |
| VERDELER               | RITTAL       |
| ZEKERINGEN             | HAGER        |
| W.C.D.                 | EATON        |
| TRANSFORMATOR          | LEGRAND      |
| GELIJKSPANNINGSVOEDING | MEAN WELL    |
| DRAADKOKER             | REHAU        |

FABRIKAAT

KLEURENCODERING BEDRADING

|                                           |             |
|-------------------------------------------|-------------|
| HOOFDSTROOM 400V / 230V NUL               | ZWART       |
| AARDE                                     | LICHTBLAUW  |
| STUURSTROOM 230VAC FASE                   | GEEL/GROEN  |
| STUURSTROOM 230VAC SCHAKEL                | BRUIN       |
| STUURSTROOM 230VAC NUL                    | ZWART       |
| ZWAKSTROOM <50VAC G                       | LICHTBLAUW  |
| ZWAKSTROOM <50VAC SCHAKEL                 | ORANJE      |
| ZWAKSTROOM <50VAC G0                      | ORANJE      |
| ZWAKSTROOM <50VDC +                       | WIT         |
| ZWAKSTROOM <50VDC SCHAKEL                 | ROOD        |
| ZWAKSTROOM <50VDC -                       | ROOD        |
| ZWAKSTROOM STUURSIGNAAL                   | DONKERBLAUW |
| MEETCIRCUITS                              | GRIJS       |
| DIGITALE INGANGEN 24VAC                   | GRIJS       |
| DIGITALE INGANGEN (SPANNING UIT REGELAAR) | ORANJE      |
| VREEMDE SPANNINGEN                        | ROOD        |
|                                           | TRANSPARANT |

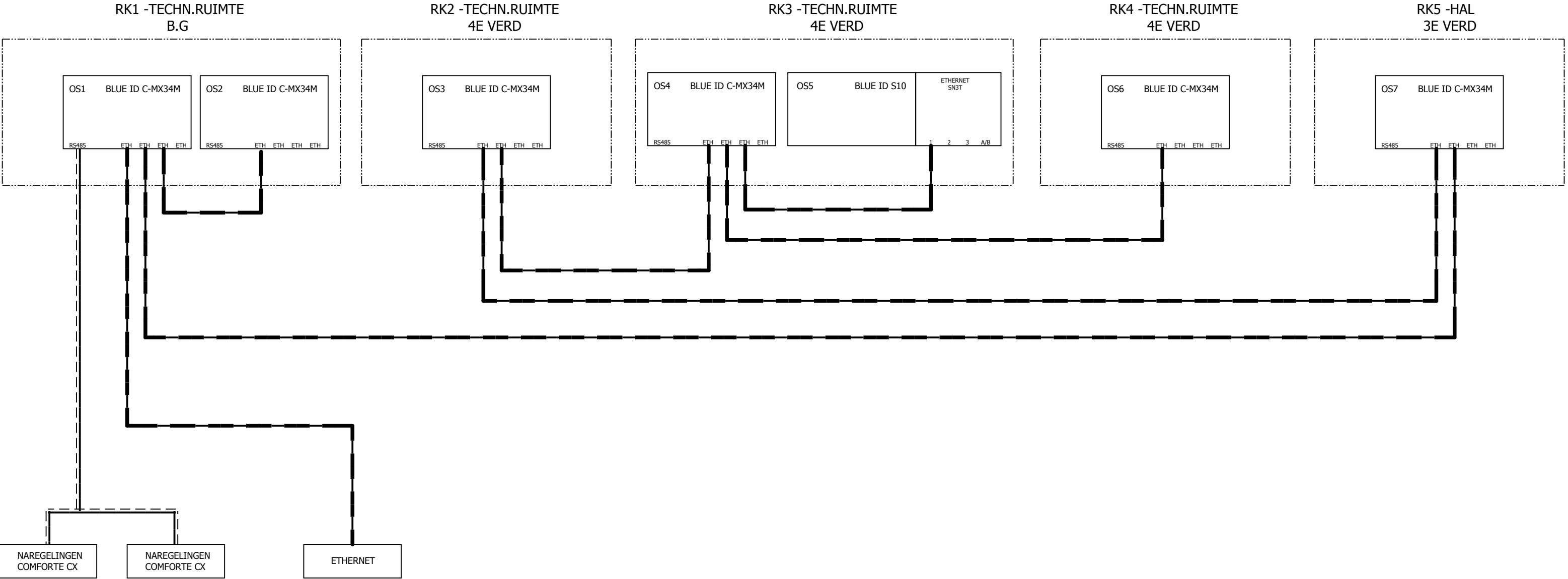
KLEUREN CODERING SIGNAALLAMPEN

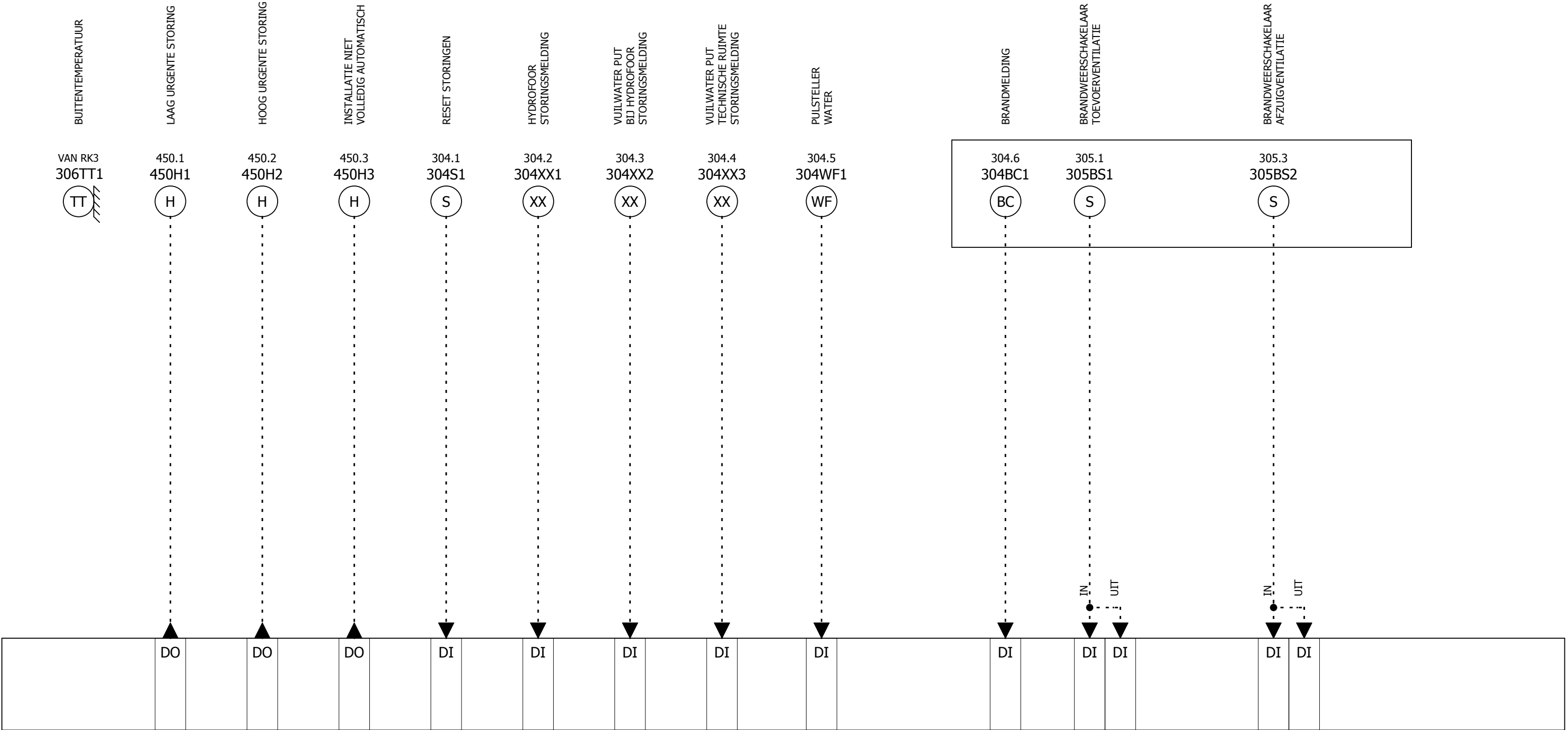
|                 |       |
|-----------------|-------|
| BEDRIJFSMELDING | GROEN |
| STORINGSMELDING | ROOD  |
| BRANDMELDING    | BLAUW |
| HANDELDING      | GEEL  |
| OVERIGE         | WIT   |

NEN NORMEN

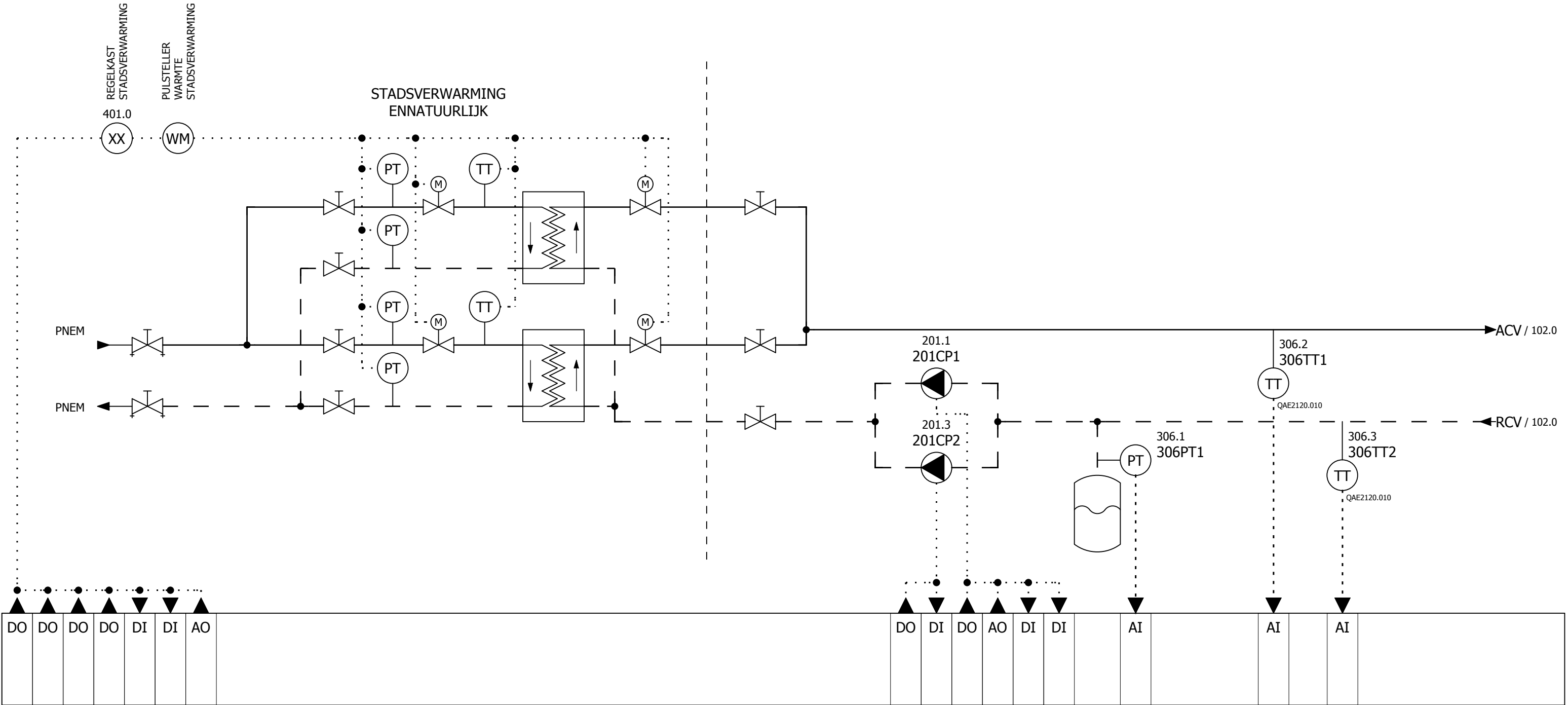
|                    |                                           |
|--------------------|-------------------------------------------|
| NEN 1010           | VEILIGHEIDSBEP. VOOR LAAGSP.INST.         |
| NEN 5152           | ELEKTROTECHNISCHE SYMBOLEN                |
| NEN 3347           | SYMBOLEN VOOR MEET-EN REGELTECHN.         |
| NEN 3157           | BASISSYMBOLEN VOOR PROCESINSTRUMENTATIE   |
| NEN 2322           | SYMBOLEN VOOR WARMTE-EN LUCHTTECHN. INST. |
| NEN-EN-IEC 61439-1 | SCHAKEL- EN VERDEELINRICHTING             |
| CEI/IEC 439-1      | VOOR LAAGSPANNING                         |
| NEN-EN 60204-1     | INTERNATIONALE STANDAARD NORMEN           |
|                    | VEILIGHEID VAN MACHINES,                  |
|                    | ELEKTRISCHE UITRUSTING                    |
|                    | VAN MACHINES                              |

| 0                                                                               | 1                                                                                                  | 2                                                                              | 3                                                                         | 4                                                                  | 5                                                                 | 6                                                 | 7                                                             | 8                                                         | 9                                                         |
|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| <div></div> <div>SMELTVEILIGHEID<br/>DIKKE LIJN IS<br/>VOEDENDE ZIJDE</div>     | <div></div> <div>MAGNEETSCHAKELAAR<br/>4 HOOFDKONTAKTEN MAAK</div>                                 | <div></div> <div>RELAISSPOEL</div>                                             | <div></div> <div>MAAKKONTAKT</div> <div></div> <div>VERBREEKKONTAKT</div> | <div></div> <div>BEDIENINGS-<br/>SCHAKELAAR</div>                  | <div></div> <div>AANSLUITKLEM<br/>INTERN</div>                    | <div></div> <div>SIGNAALLAMP<br/>GROEN</div>      | <div></div> <div>MAAKKONTAKT BEDIEND<br/>DOOR DRUK</div>      | <div></div> <div>W.C.D.</div>                             |                                                           |
| <div></div> <div>INSTALLATIE-AUTOMAAT</div>                                     | <div></div> <div>MAGNEETSCHAKELAAR<br/>3 HOOFDKONTAKTEN MAAK<br/>HULPKONTAKT MAAK</div>            | <div></div> <div>MAGNEETSCHAKELAAR</div>                                       | <div></div> <div>WISSELKONTAKT</div>                                      | <div></div> <div>DRUKKNOP MAAK<br/>TERUGVEREND</div>               | <div></div> <div>AANSLUITKLEM<br/>EXTERN<br/>(VREEMDE KAST)</div> | <div></div> <div>SIGNAALLAMP<br/>ROOD</div>       | <div></div> <div>MAAKKONTAKT BEDIEND<br/>DOOR TEMP.</div>     | <div></div> <div>TRANSFORMATOR</div>                      |                                                           |
| <div></div> <div>SMELTPATROONSCHIEDER</div>                                     | <div></div> <div>MAGNEETSCHAKELAAR<br/>3 HOOFDKONTAKTEN MAAK<br/>HULPKONTAKT VERBREEK</div>        | <div></div> <div>RELAIS<br/>ELEK.GESTUURD RELAIS<br/>MET OPKOMVERTRAGING</div> | <div></div> <div>THERMISCH KONTAKT<br/>VERBREEK</div>                     | <div></div> <div>DRUKKNOP VERBREEK<br/>TERUGVEREND</div>           | <div></div> <div>STEKKER</div>                                    | <div></div> <div>CLAXON / HOORN</div>             | <div></div> <div>MAAKKONTAKT BEDIEND<br/>DOOR STROMING</div>  | <div></div> <div>BRUGCEL/OMVORMER</div>                   |                                                           |
| <div></div> <div>THERMISCHE<br/>VEILIGHEID</div>                                | <div></div> <div>HULPRELAIS<br/>4 WISSELKONTAKTEN</div>                                            | <div></div> <div>RELAIS<br/>ELEK.GESTUURD RELAIS<br/>MET AFVALVERTRAGING</div> | <div></div> <div>THERMISCH KONTAKT<br/>MAAK</div>                         | <div></div> <div>MAAKKONTAKT<br/>BEDIEND DOOR<br/>NOK OF KAM</div> | <div></div> <div>DIODE</div>                                      | <div></div> <div>KLOK, ALGEMEEN<br/>SYMBOOL</div> | <div></div> <div>MAAKKONTAKT BEDIEND<br/>DOOR REL.VOCHT</div> | <div></div> <div>3-WEG<br/>AFSLUITER<br/>SERVOMOTOR</div> |                                                           |
| <div></div> <div>MOTORBEVEILIGINGSSCHAKELAAR</div>                              | <div></div> <div>HULPRELAIS<br/>2 WISSELKONTAKTEN</div>                                            | <div></div> <div>RELAIS<br/>ELEK.GESTUURD RELAIS<br/>MET AFVALVERTRAGING</div> | <div></div> <div>MAAKKONTAKT<br/>VERTRAAGD<br/>MAKEND</div>               | <div></div> <div>MAAKKONTAKT<br/>VERTRAAGD<br/>VERBREKEND</div>    | <div></div> <div>INSTALLATIE-AUT.<br/>MET AARDLEKBEVEILIG.</div>  | <div></div> <div>CONDENSATOR</div>                | <div></div> <div>WEERSTAND</div>                              | <div></div> <div>VLOTTERSCHAKELAAR<br/>MAAK</div>         | <div></div> <div>2-WEG<br/>AFSLUITER<br/>SERVOMOTOR</div> |
| <div></div> <div>HOOFDSCHAKELAAR</div>                                          | <div></div> <div>RELAIS<br/>ELEK.GESTUURD RELAIS<br/>MET OP-EN AFVALVERTRAGING</div>               | <div></div> <div>VERBREEKKONTAKT<br/>VERTRAAGD<br/>VERBREKEND</div>            | <div></div> <div>VERBREEKKONTAKT<br/>VERTRAAGD<br/>MAKEND</div>           | <div></div> <div>AARDLEKSCHAKELAAR</div>                           | <div></div> <div>OVERSPANNINGS-<br/>BEVEILIGING</div>             | <div></div> <div>ZOEMER</div>                     |                                                               | <div></div> <div>LUCHTKLEP<br/>SERVOMOTOR</div>           |                                                           |
| <div></div> <div>KABEL VERKLARING</div>                                         | <div></div> <div>KONTAKTBLOKKEN TE PLAATSEN OP Q</div>                                             | <div></div> <div>KONTAKTBLOK TE<br/>PLAATSEN OP Q</div>                        | <div></div> <div>KONTAKTBLOK TE<br/>PLAATSEN OP Q</div>                   | <div></div> <div>KONTAKTBLOK TE<br/>PLAATSEN OP Q</div>            |                                                                   |                                                   |                                                               | <div></div> <div>TEMPERATUUR-<br/>OPNEMER</div>           |                                                           |
| <div></div> <div>401K1<br/>PAGINA NUMMER<br/>ONDERDEELCODE<br/>VOLGNUMMER</div> | <div></div> <div>MAAKKONTAKT OP BLZ 305 STRAMIEN 1<br/>VERBREEKKONTAKT OP BLZ 305 STRAMIEN 1</div> |                                                                                |                                                                           |                                                                    |                                                                   |                                                   |                                                               |                                                           |                                                           |





NIET TE GEBRUIKEN ALS MONTAGETEKENING

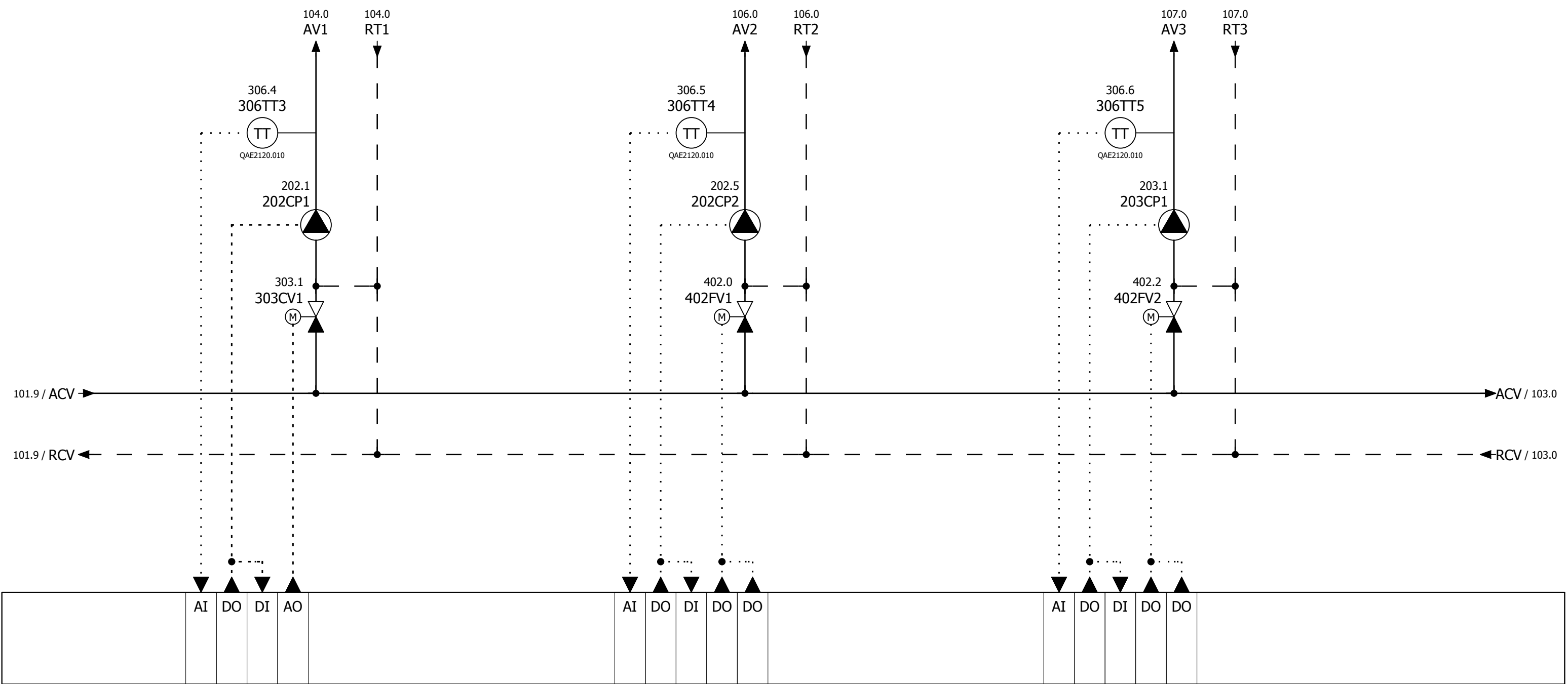


NIET TE GEBRUIKEN ALS MONTAGETEKENING

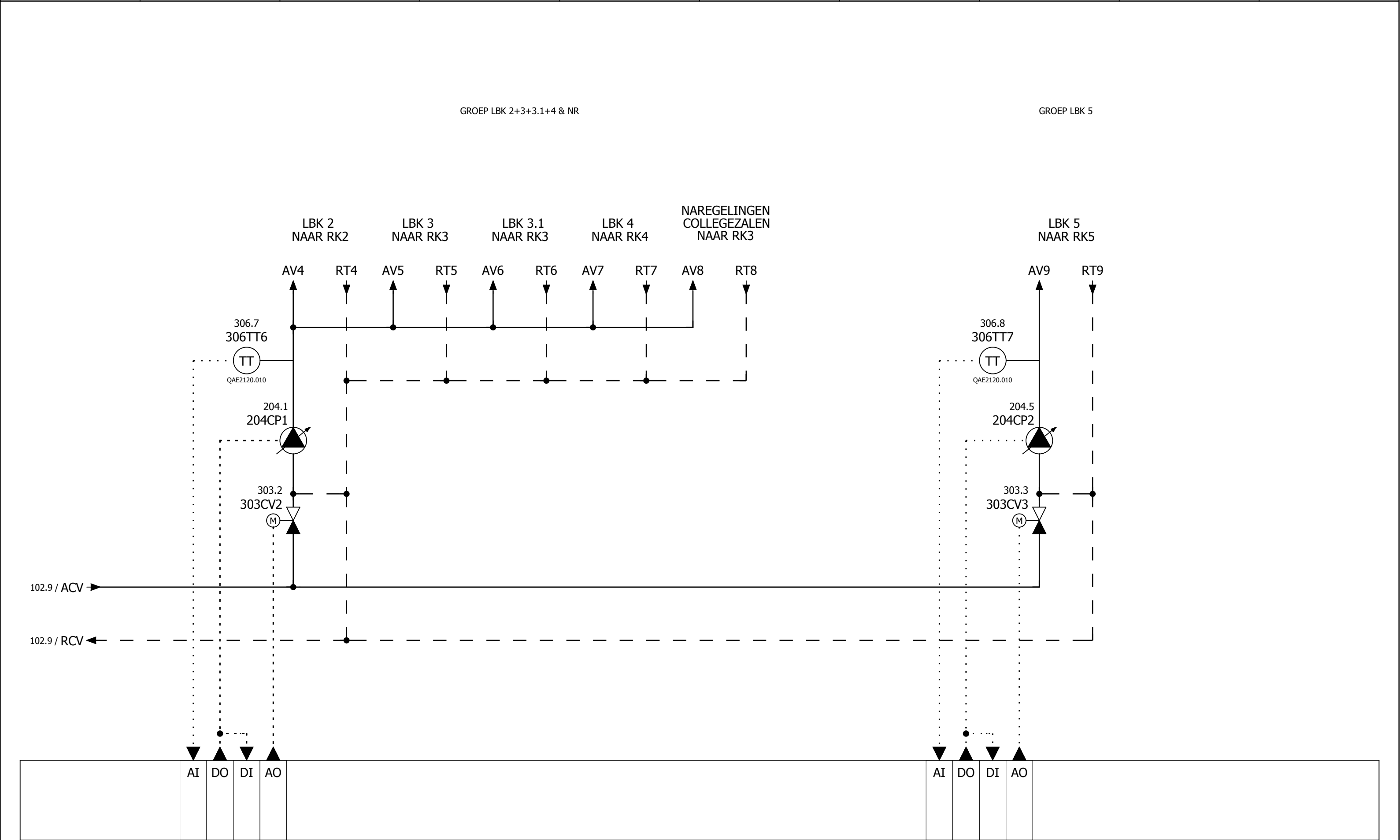
RADIATORENGROEP SCHOOL ZONE 4 T/M 10

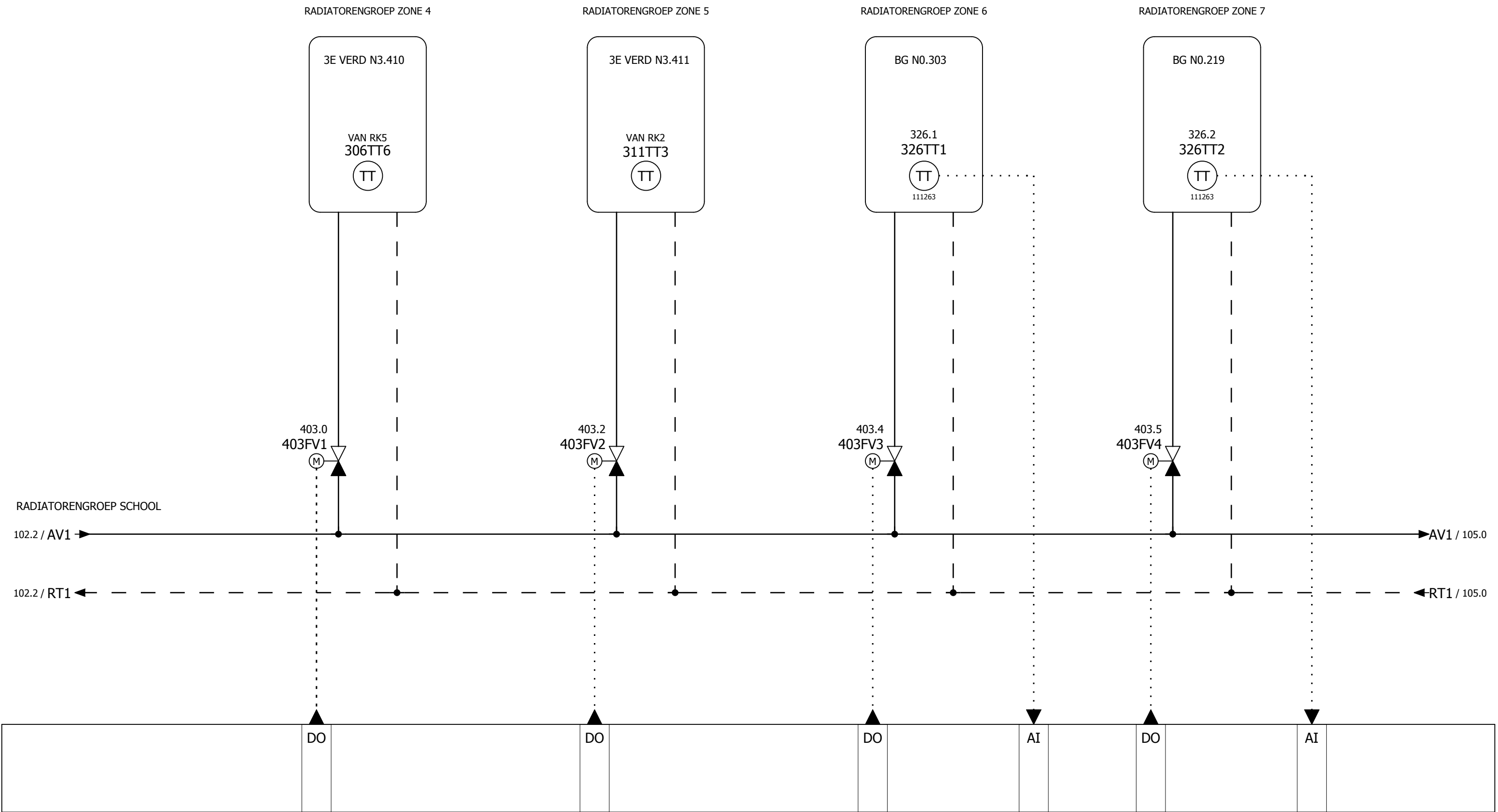
RADIATORENGROEP KANTOREN ZONE 1 T/M 3

RADIATORENGROEP ZONE 11

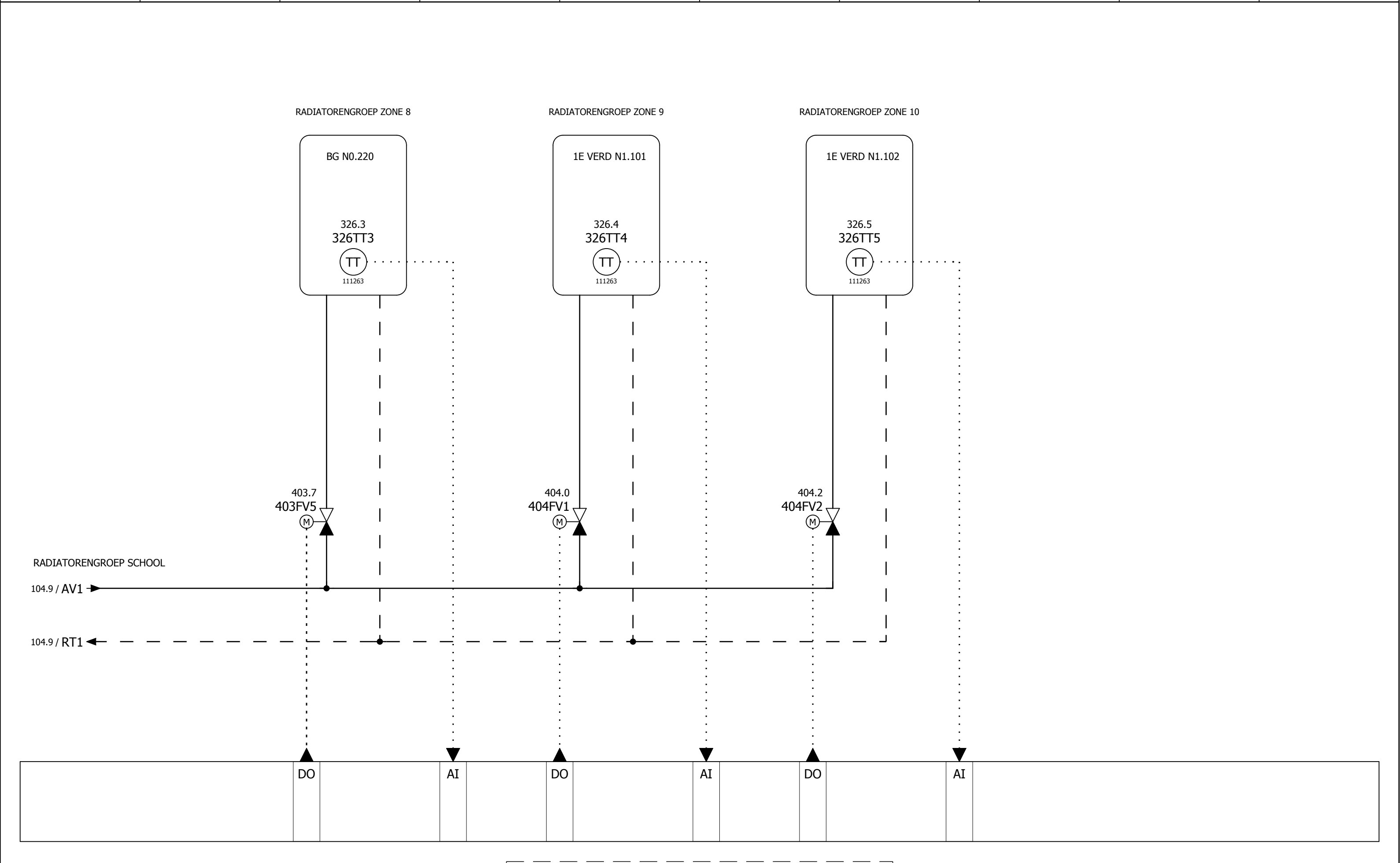


NIET TE GEBRUIKEN ALS MONTAGETEKENING





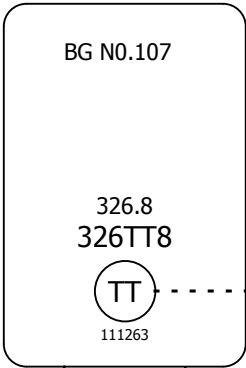
NIET TE GEBRUIKEN ALS MONTAGETEKENING



NIET TE GEBRUIKEN ALS MONTAGETEKENING



RADIATORENGROEP ZONE 11



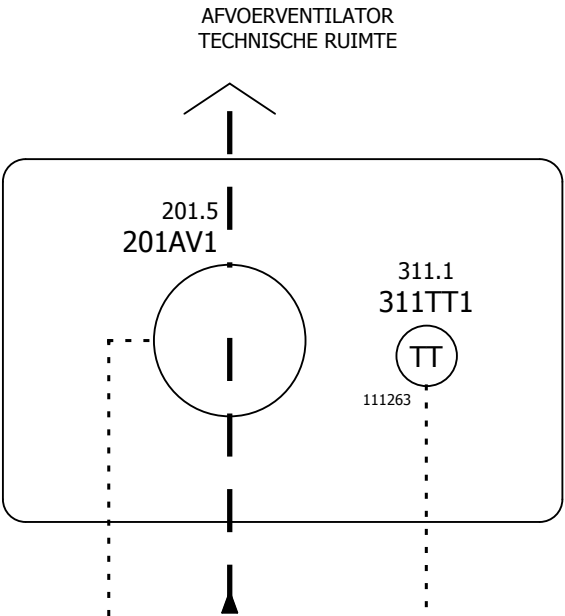
RADIATORENGROEP ZONE 11

102.7 / AV3

102.7 / RT3

AI

NIET TE GEBRUIKEN ALS MONTAGETEKENING

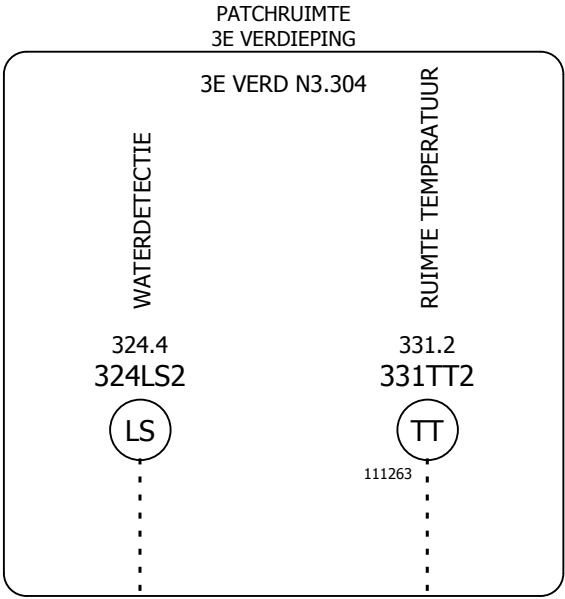
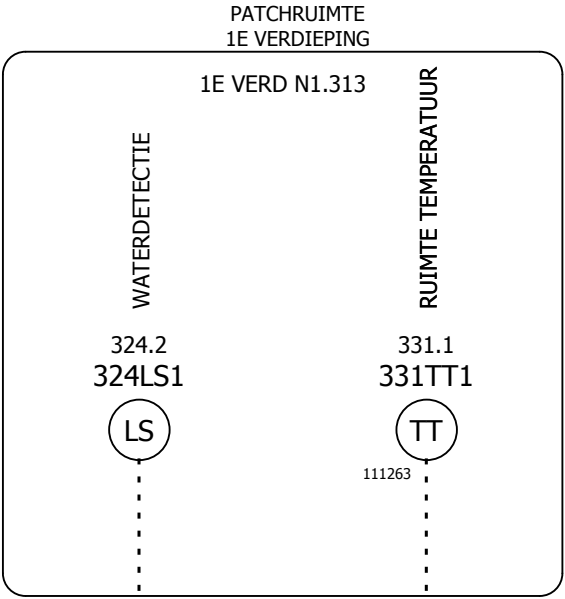


DO

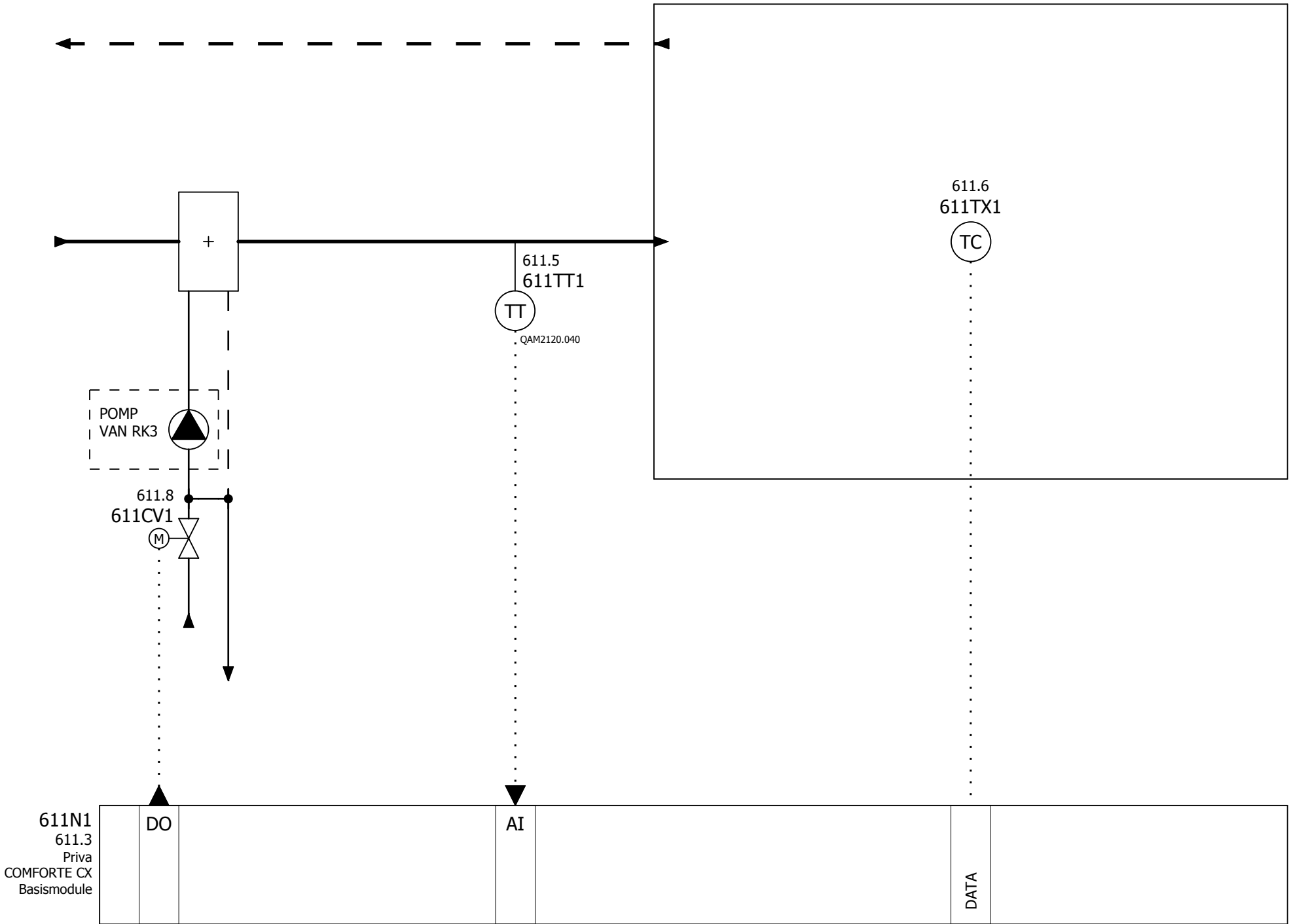
DI

AI

NIET TE GEBRUIKEN ALS MONTAGETEKENING

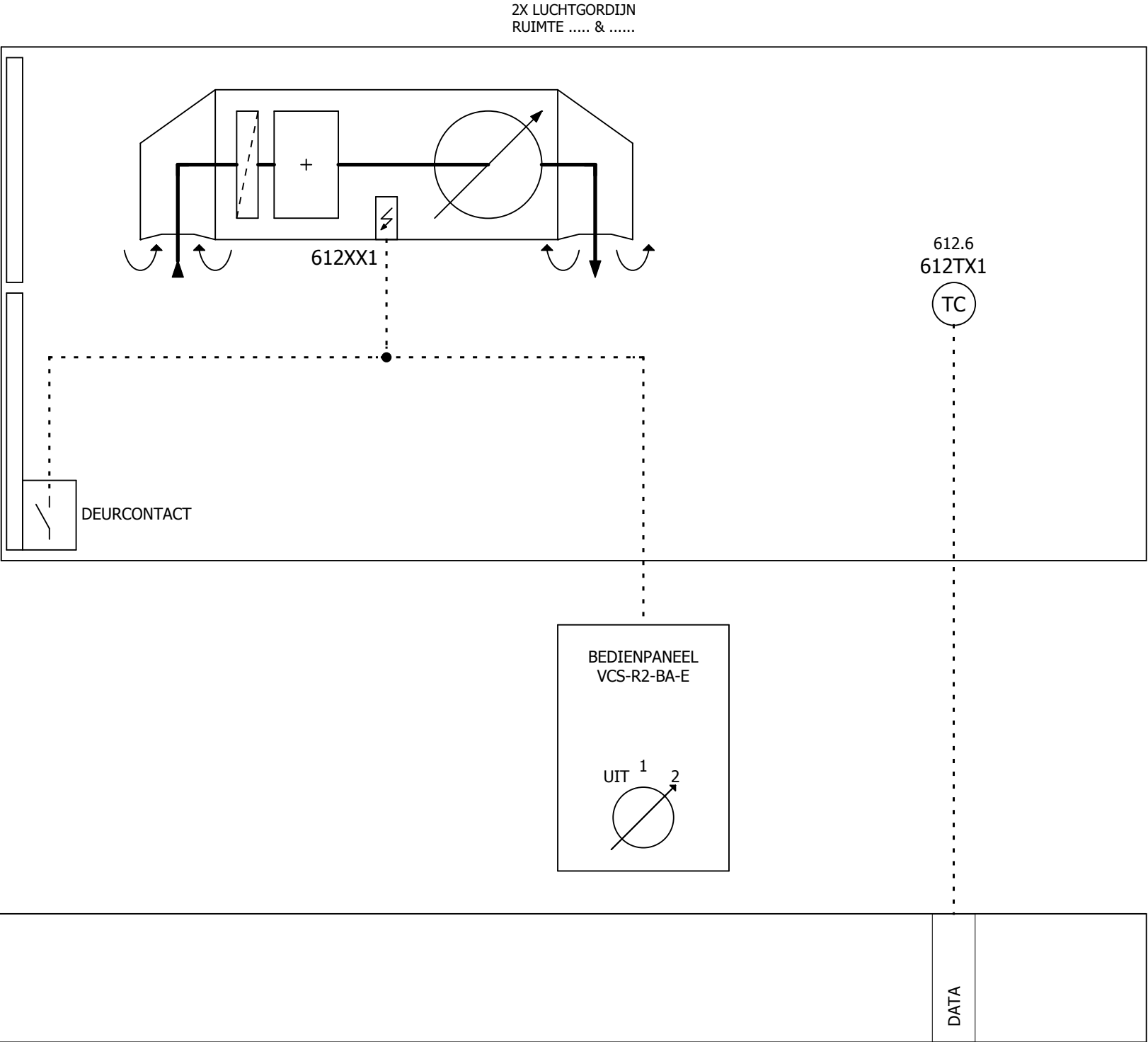


NIET TE GEBRUIKEN ALS MONTAGETEKENING



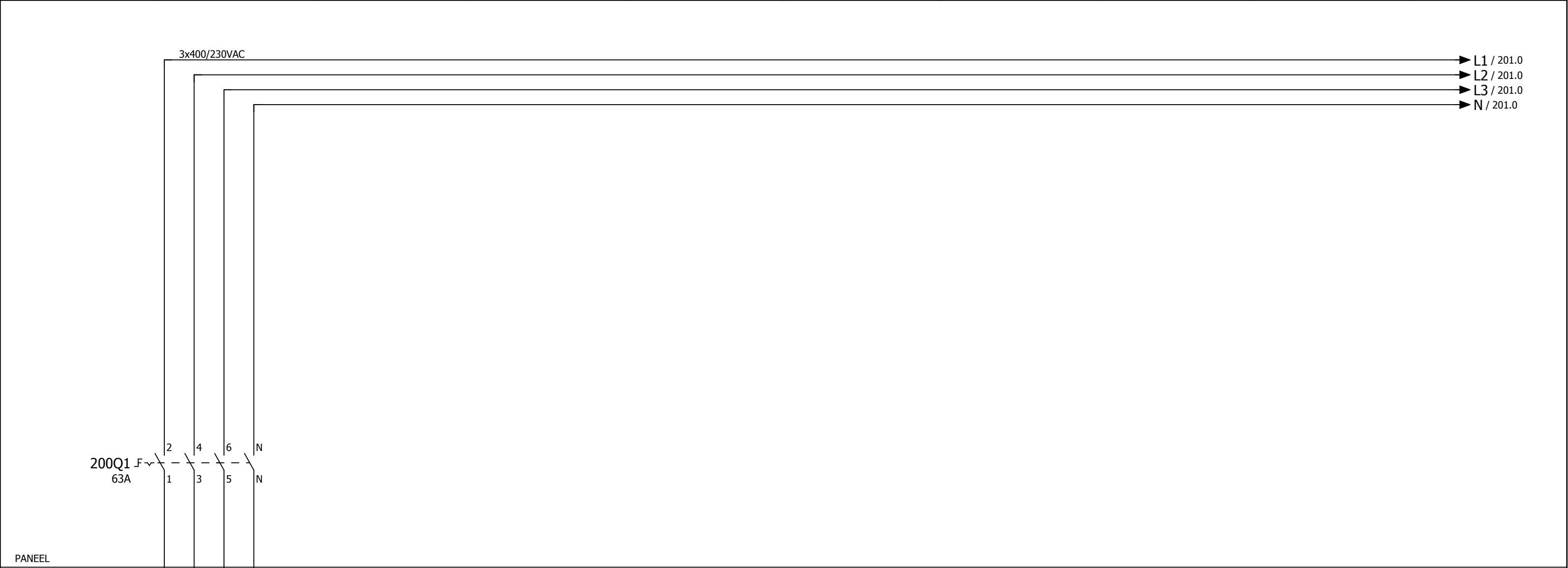
| OS NUMMER | SER NUMMER | RUIMTE NUMMER | RUIMTE NAAM                  |
|-----------|------------|---------------|------------------------------|
| 100       | 014086     | N1.215        | COLLEGEZAAL KLEIN 1 (LINKS)  |
| 101       | 013962     | N1.212        | COLLEGEZAAL GROOT            |
| 102       | 013899     | N1.214        | COLLEGEZAAL KLEIN 2 (RECHTS) |

NIET TE GEBRUIKEN ALS MONTAGETEKENING



| OS NUMMER | SER NUMMER | RUIMTE NUMMER | RUIMTE NAAM |
|-----------|------------|---------------|-------------|
| 103       |            |               |             |
| 104       |            |               |             |

NIET TE GEBRUIKEN ALS MONTAGETEKENING



PANEEL

KLEMMEN

VELD

200W1  
YMvKmb  
5x2.5mm²

200XX1  
L1 L2 L3 N PE

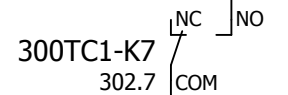
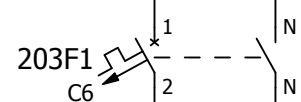
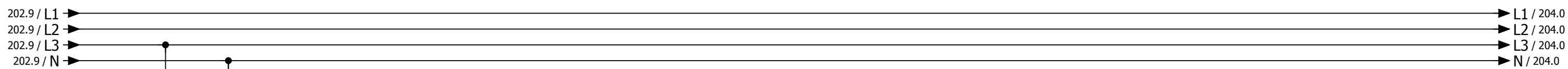
VOEDING VAN ...

MAXIMALE VOORZEKERING 63A  
MAXIMALE KORTSLUITSTROOM: 6kA  
GELIJKTIJDIGHEIDSFACITOR: 1

VOEDING PANEEL 400/230VAC 50Hz



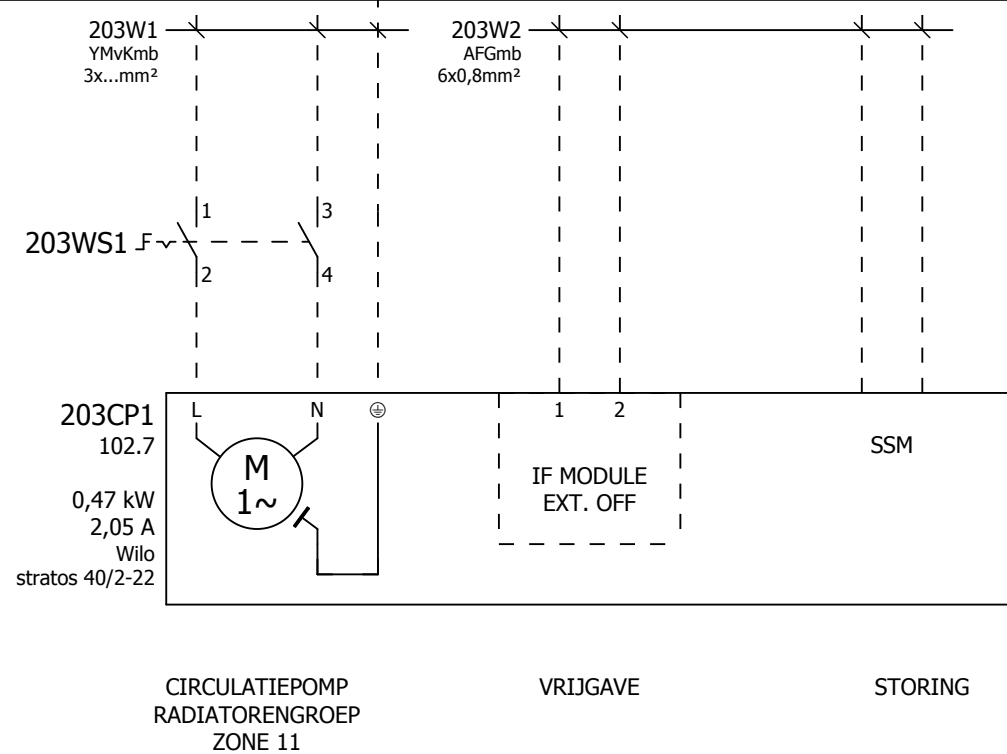




PANEEL

KLEMMEN

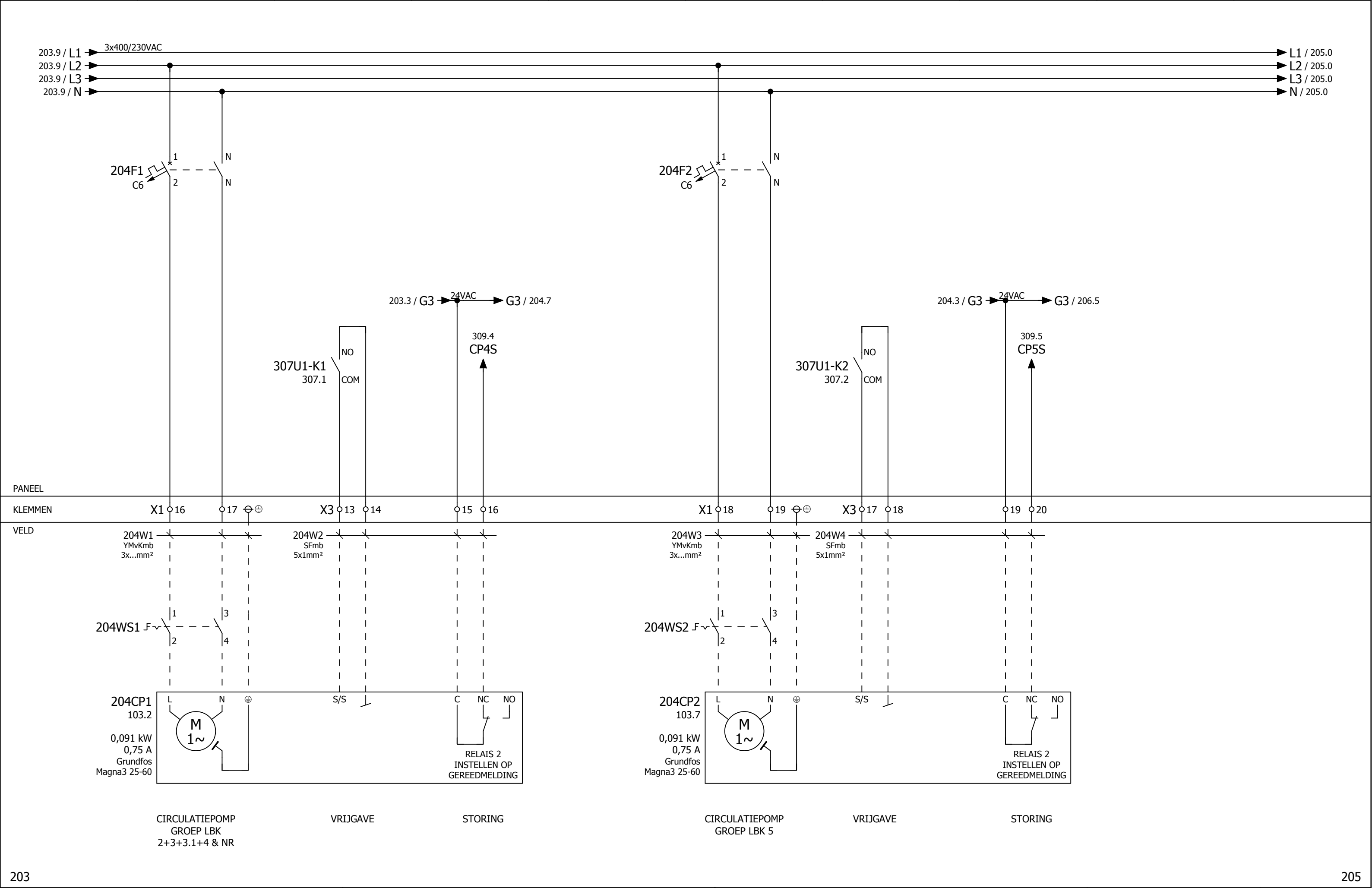
VELD

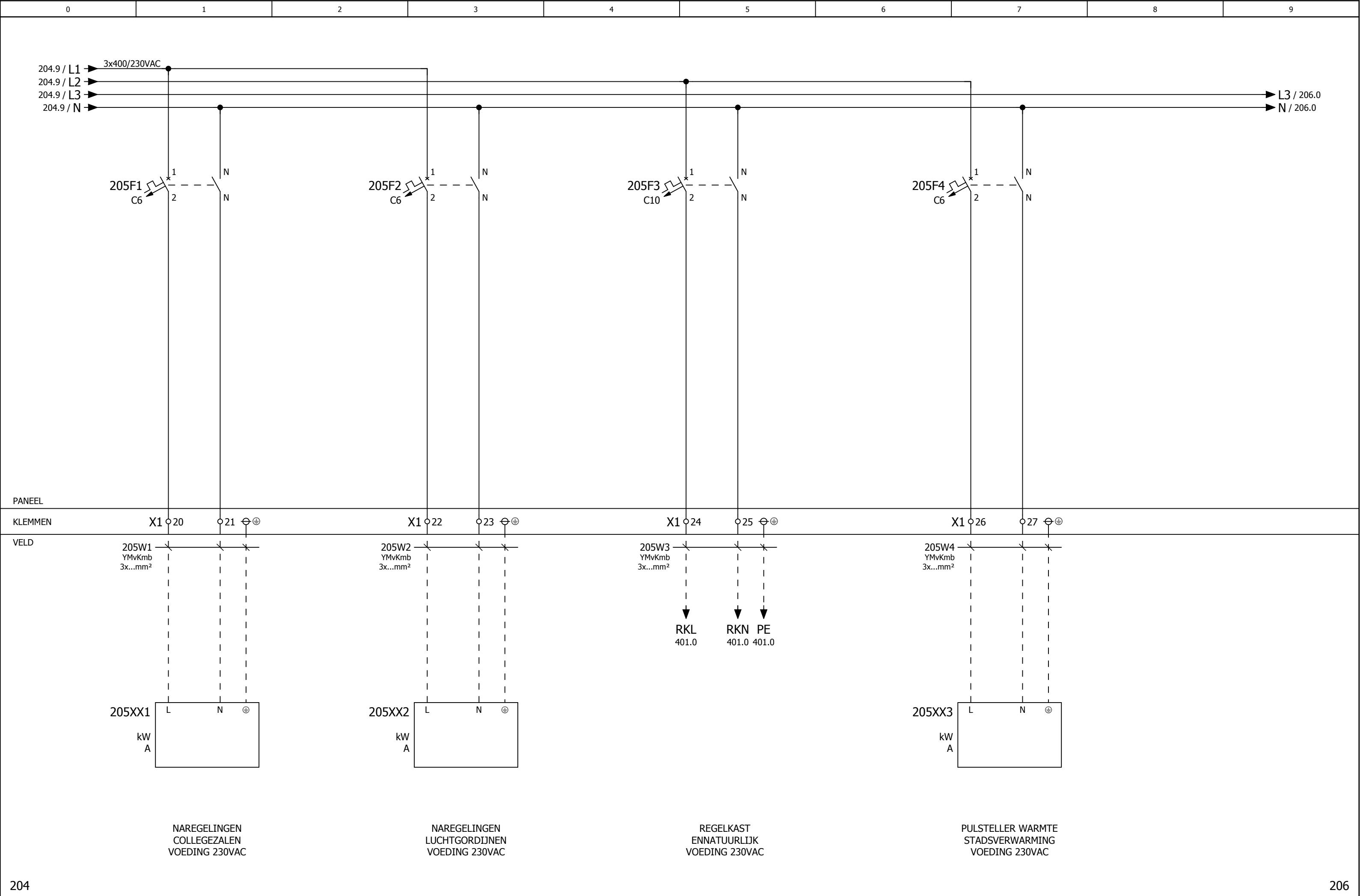


202

204

|                                       |                                                 |                              |                      |                    |                  |
|---------------------------------------|-------------------------------------------------|------------------------------|----------------------|--------------------|------------------|
| Projectnummer : 6442 - BUOAS Frontier | Breda University of Applied Sciences - FRONTIER | HOOFDSTROOM CIRCULATIEPOMPEN | Pagina's totaal : 73 | Blad 203           |                  |
| Opdrachtgever : Willems Uden          |                                                 |                              | Ontwerp : TR         |                    |                  |
| Adviseur : Adviseur                   |                                                 |                              | RK1                  | Gewijzigd :        | Laatste blad 612 |
|                                       |                                                 |                              |                      | Datum : 27.06.2019 |                  |





PANEEL

KLEMMEN

X1

20

21

22

23

24

25

26

27

VELD

205W1

YMvKmb

3x...mm<sup>2</sup>

205W2

YMvKmb

3x...mm<sup>2</sup>

205W3

YMvKmb

3x...mm<sup>2</sup>

205W4

YMvKmb

3x...mm<sup>2</sup>

205XX1

L

N

⊕

205XX2

L

N

⊕

205XX3

L

N

⊕

205XX1

kW

A

205XX2

kW

A

205XX3

kW

A

NAREGELINGEN  
COLLEGEZALEN  
VOEDING 230VAC

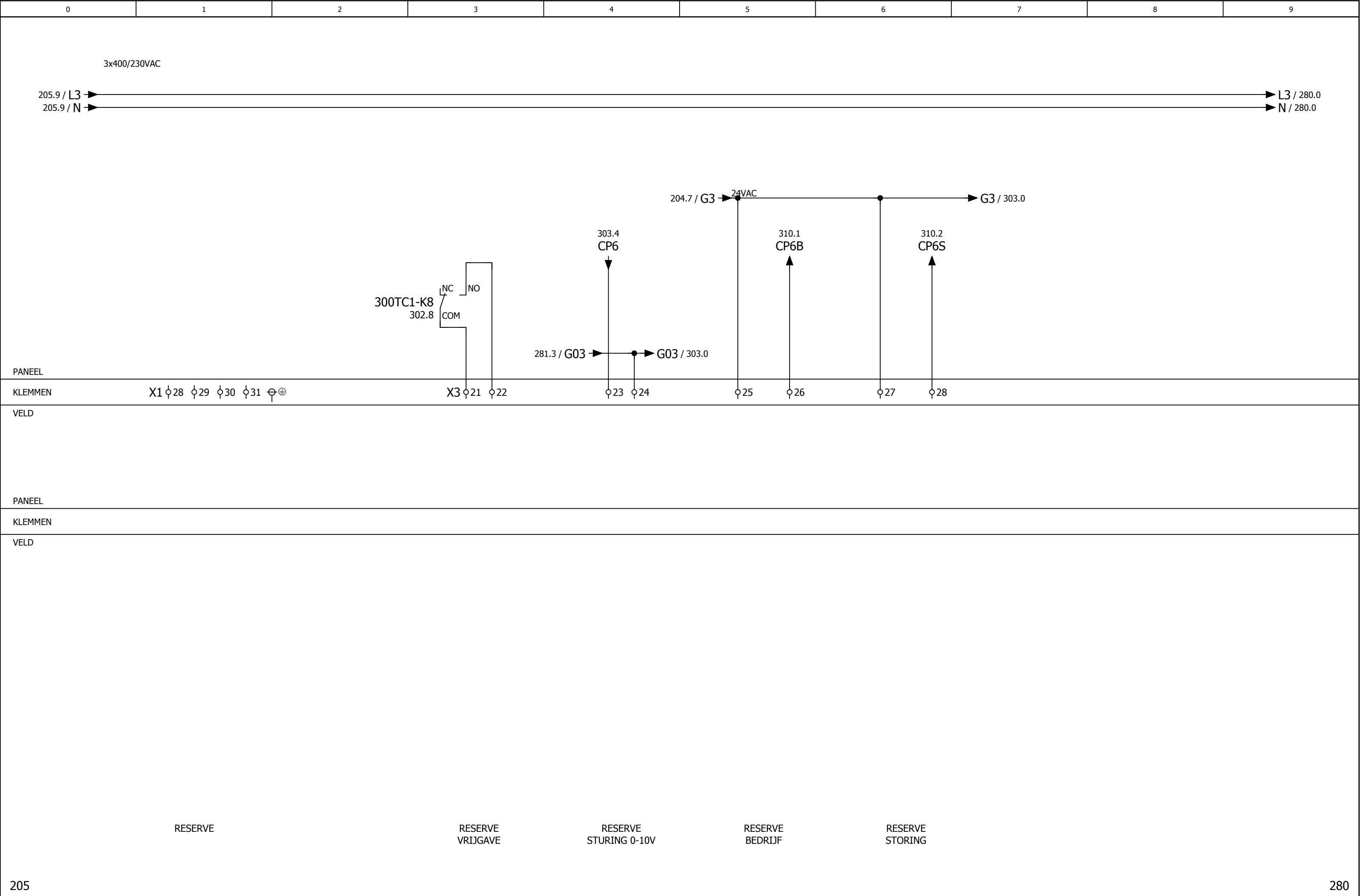
NAREGELINGEN  
LUCHTGORDIJNEN  
VOEDING 230VAC

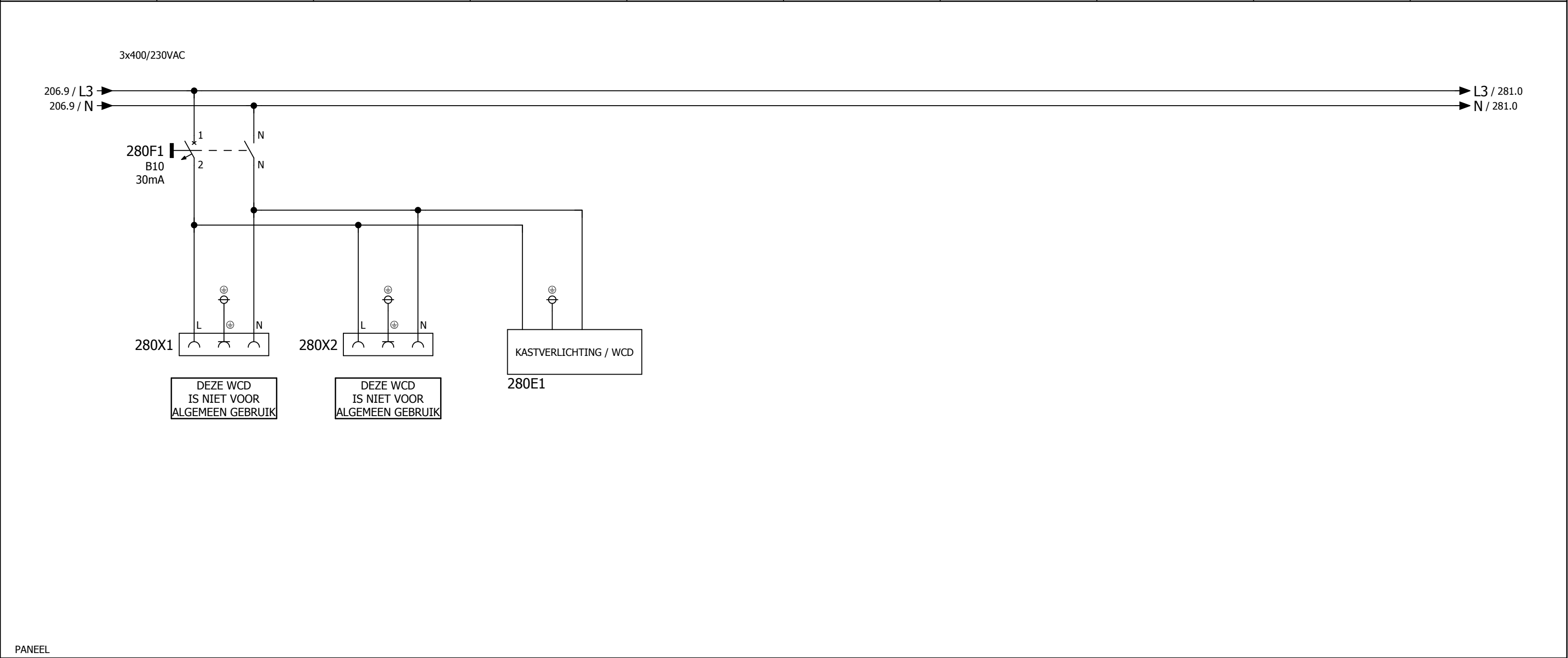
REGELKAST  
ENNATUURLIJK  
VOEDING 230VAC

PULSTELLER WARMTE  
STADSVERWARMING  
VOEDING 230VAC

204

206





PANEEL

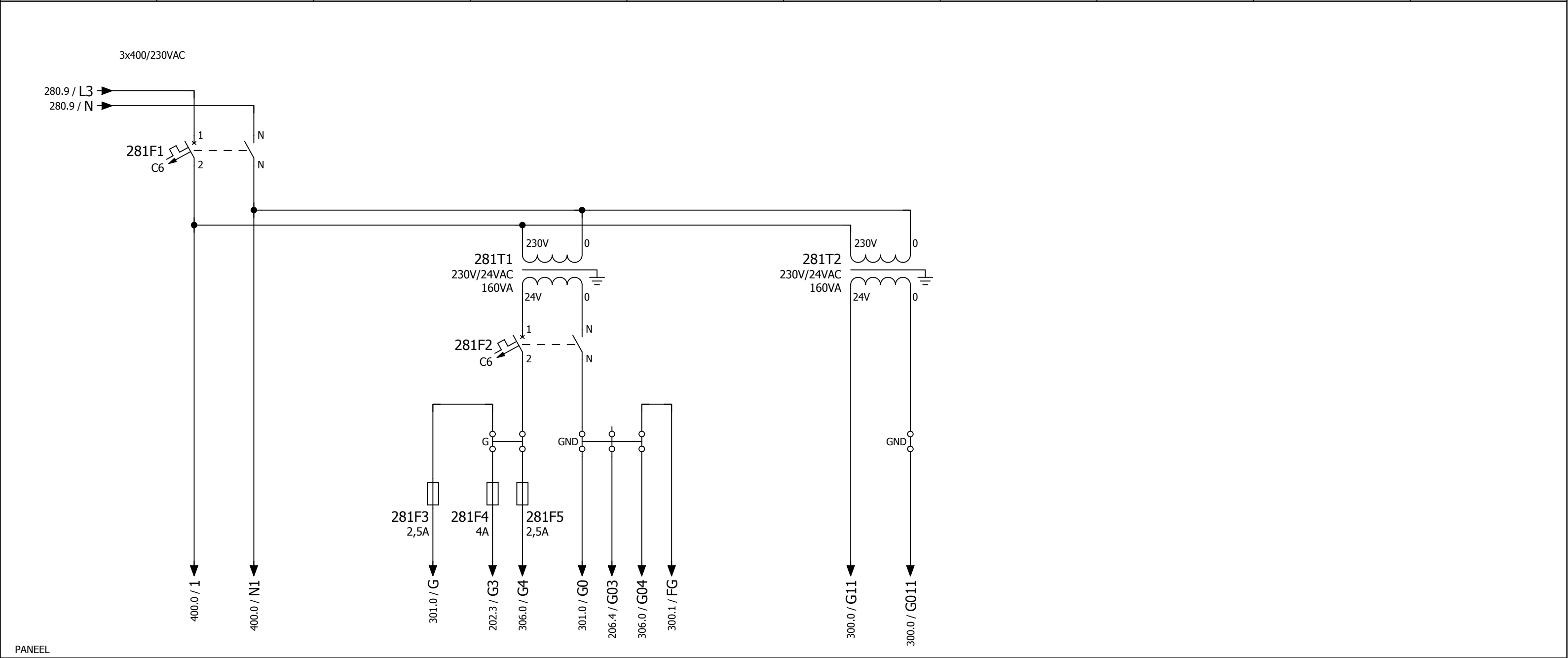
KLEMMEN

VELD

WCD  
TBV. SERVICE

WCD  
TBV. SERVICE

KASTVERLICHTING



PANEEL

KLEMMEN

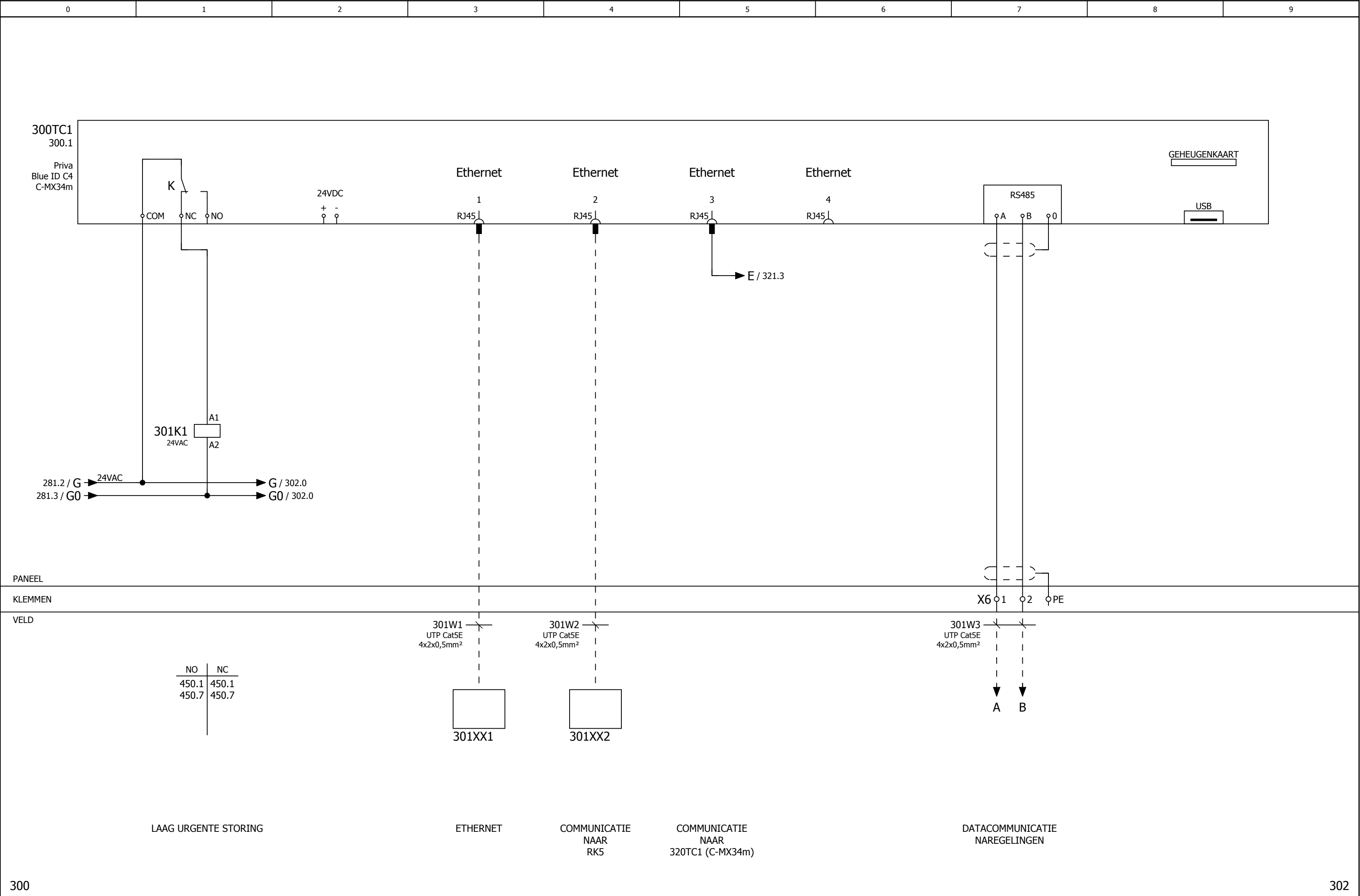
VELD

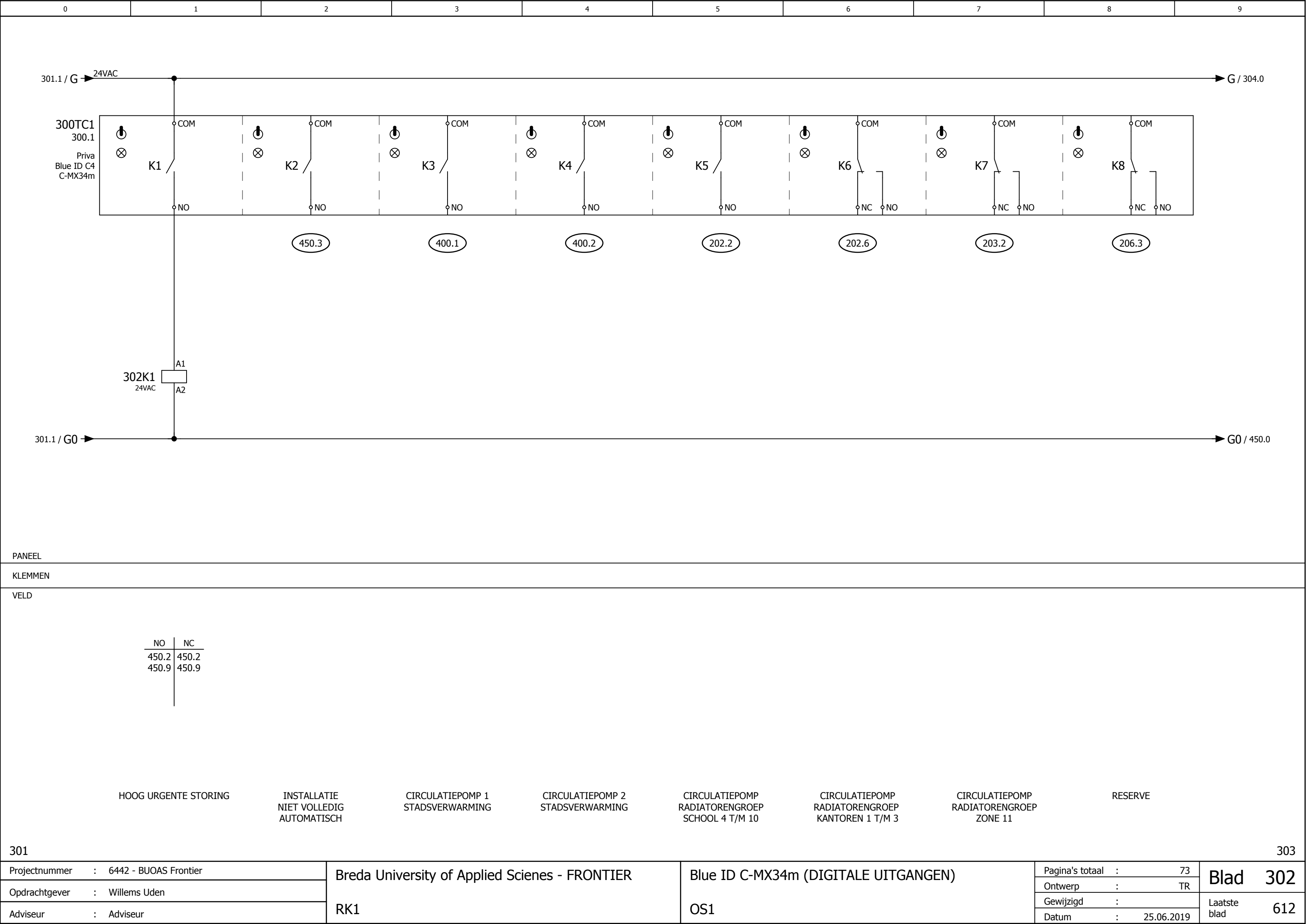
STUURSTROOM 230VAC

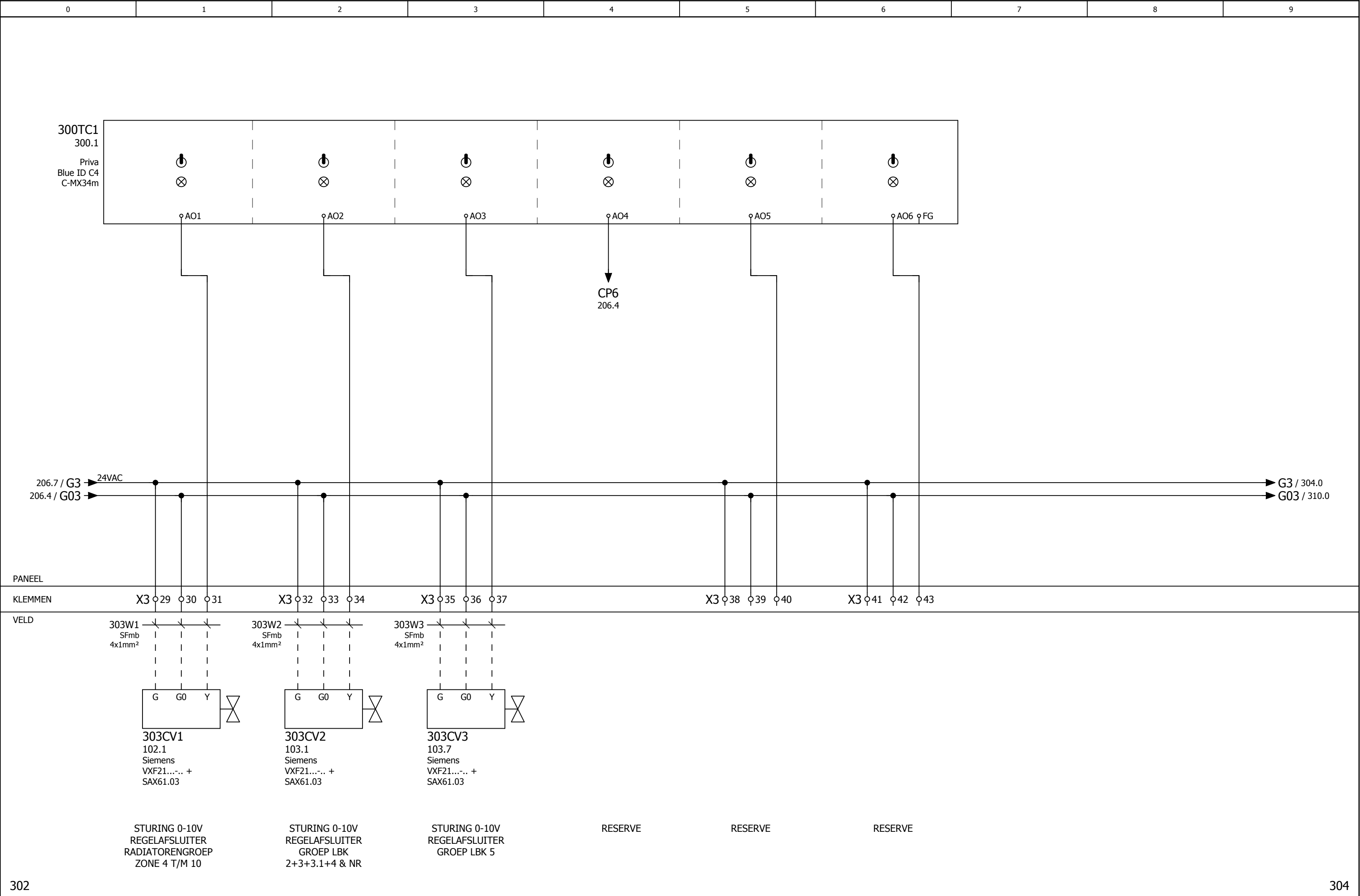
STUURSTROOM 24VAC

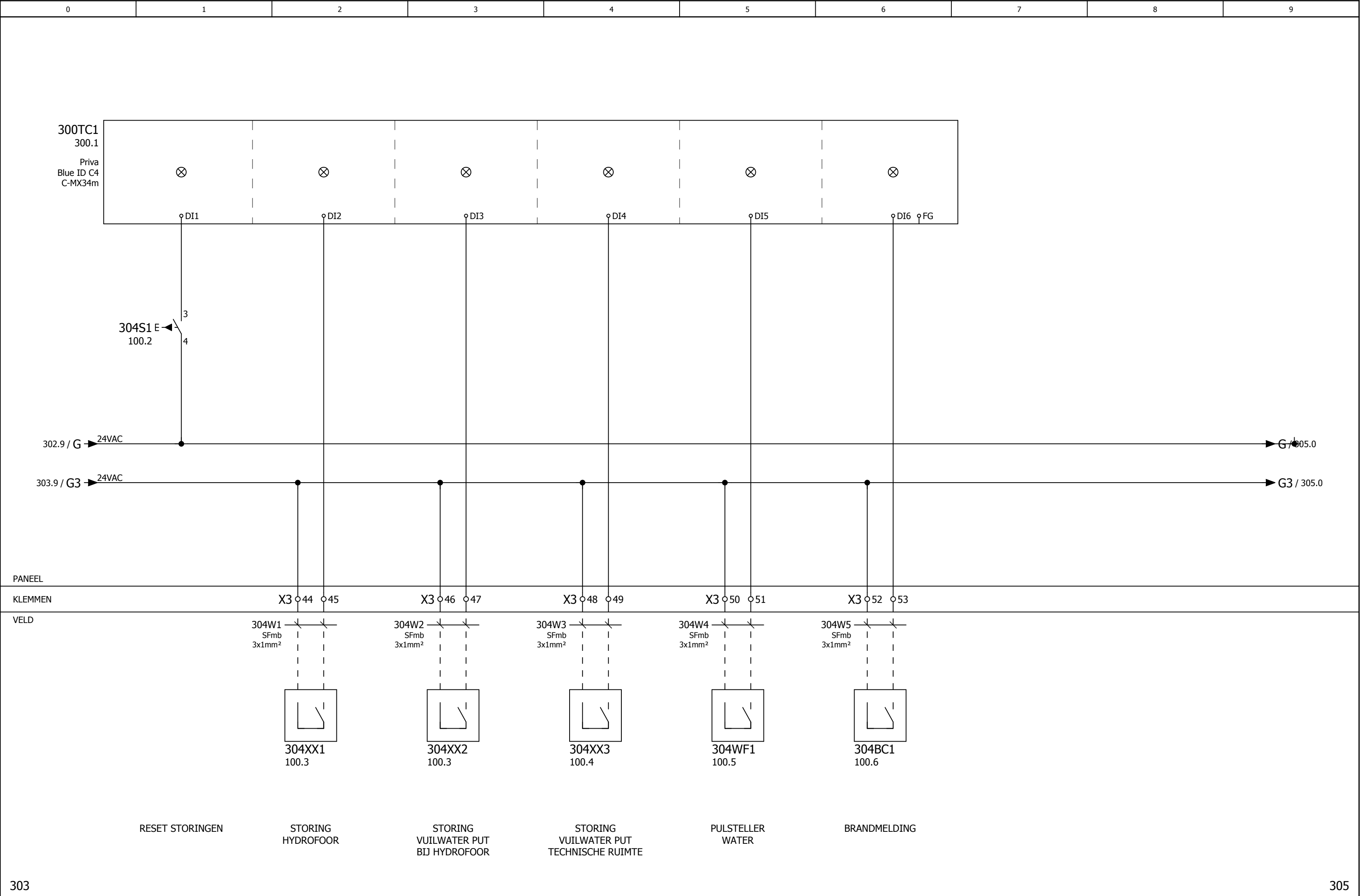
VOEDING 24VAC  
REGELAAR





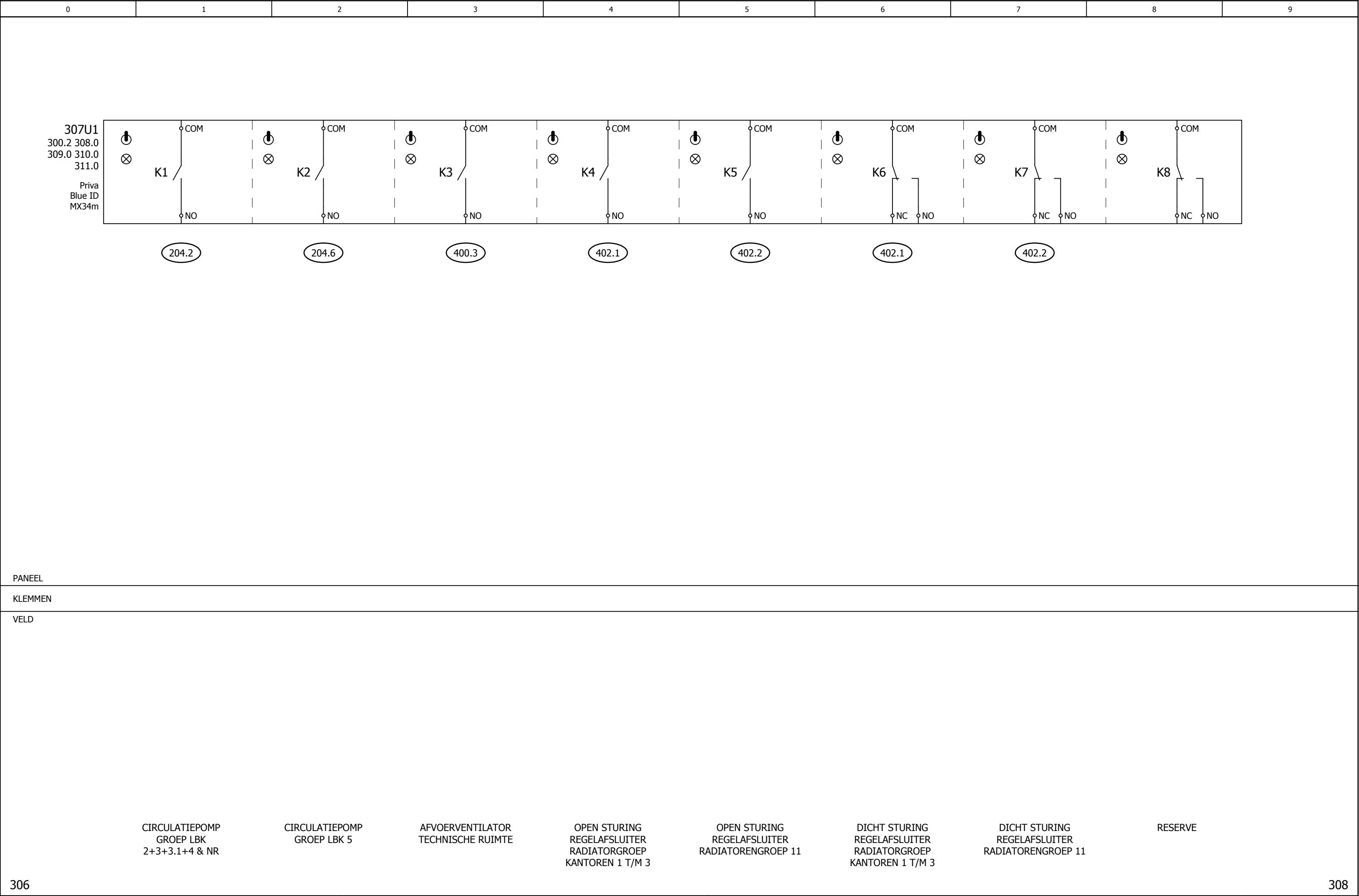


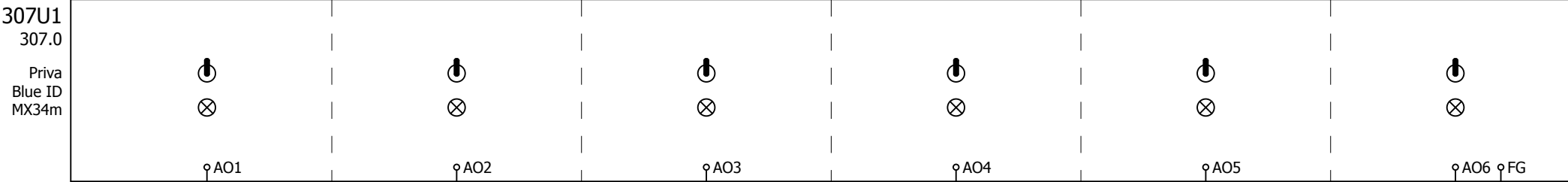












PANEEL

KLEMMEN

VELD

RESERVE

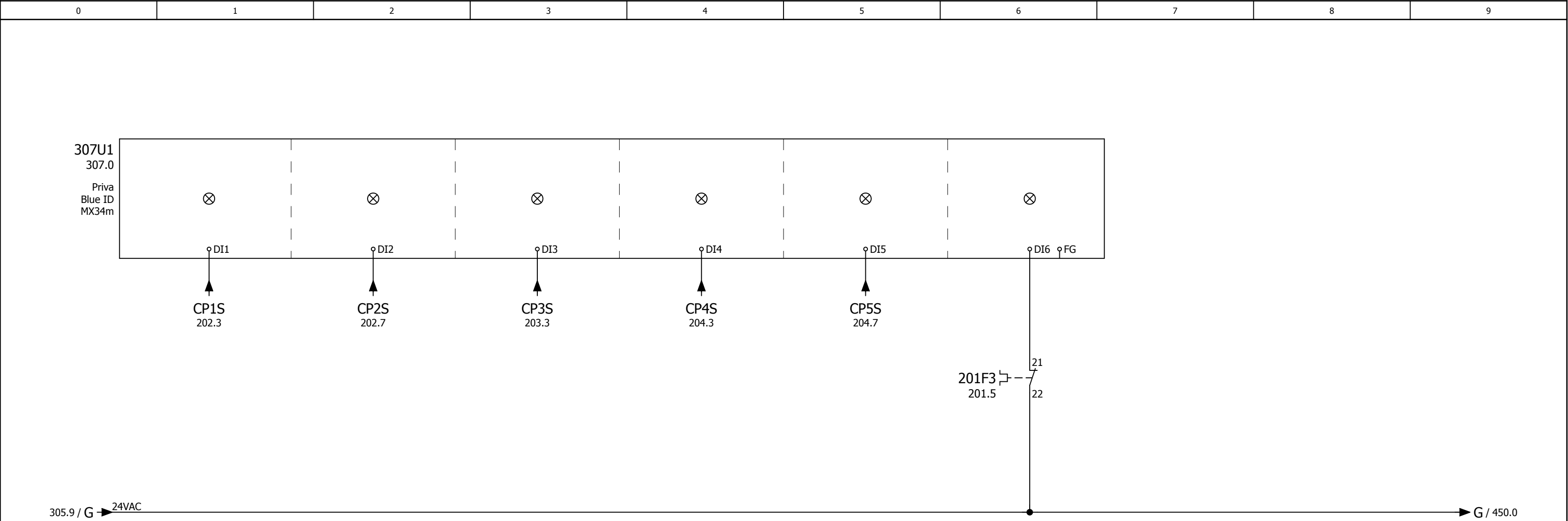
RESERVE

RESERVE

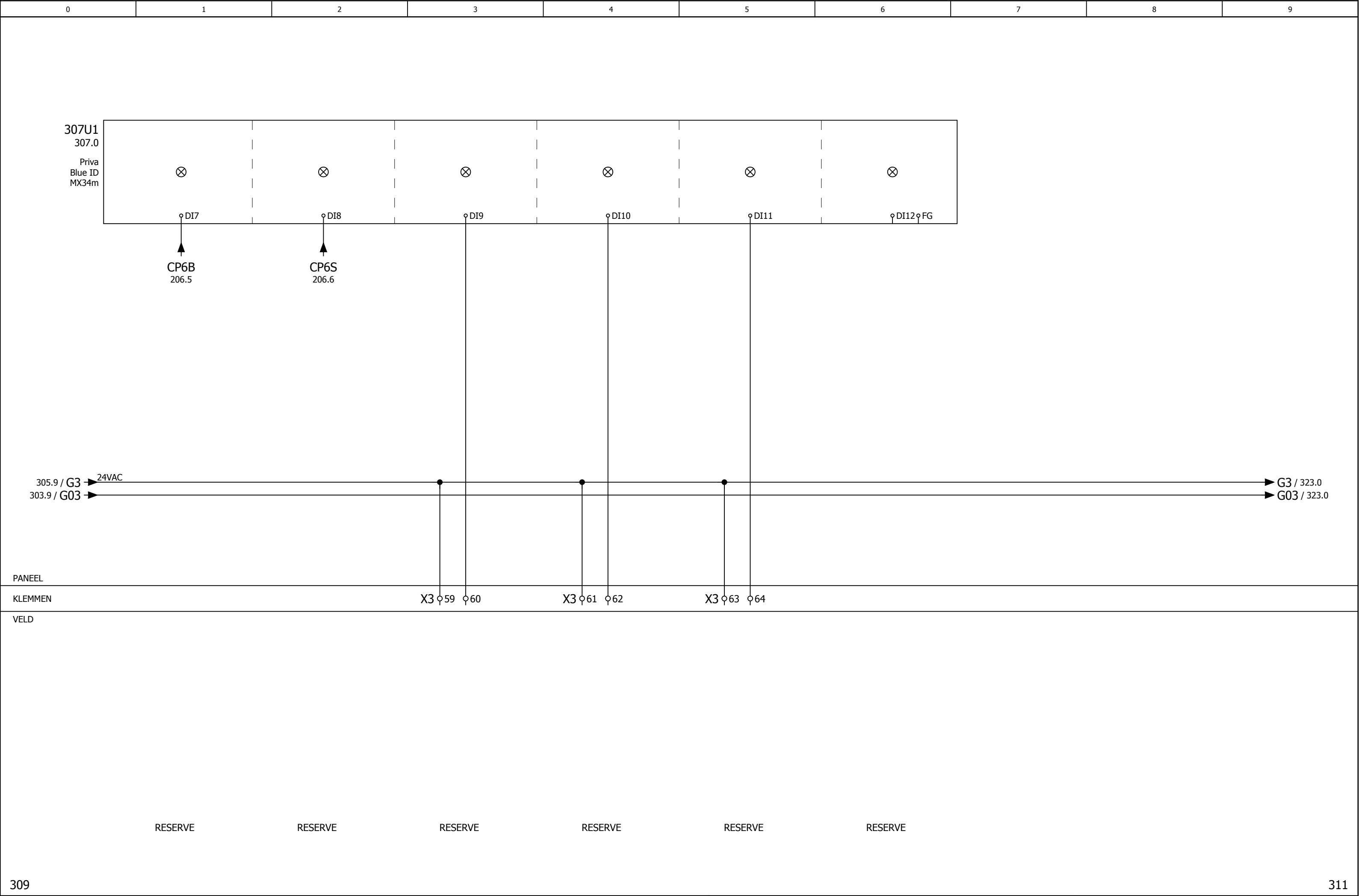
RESERVE

RESERVE

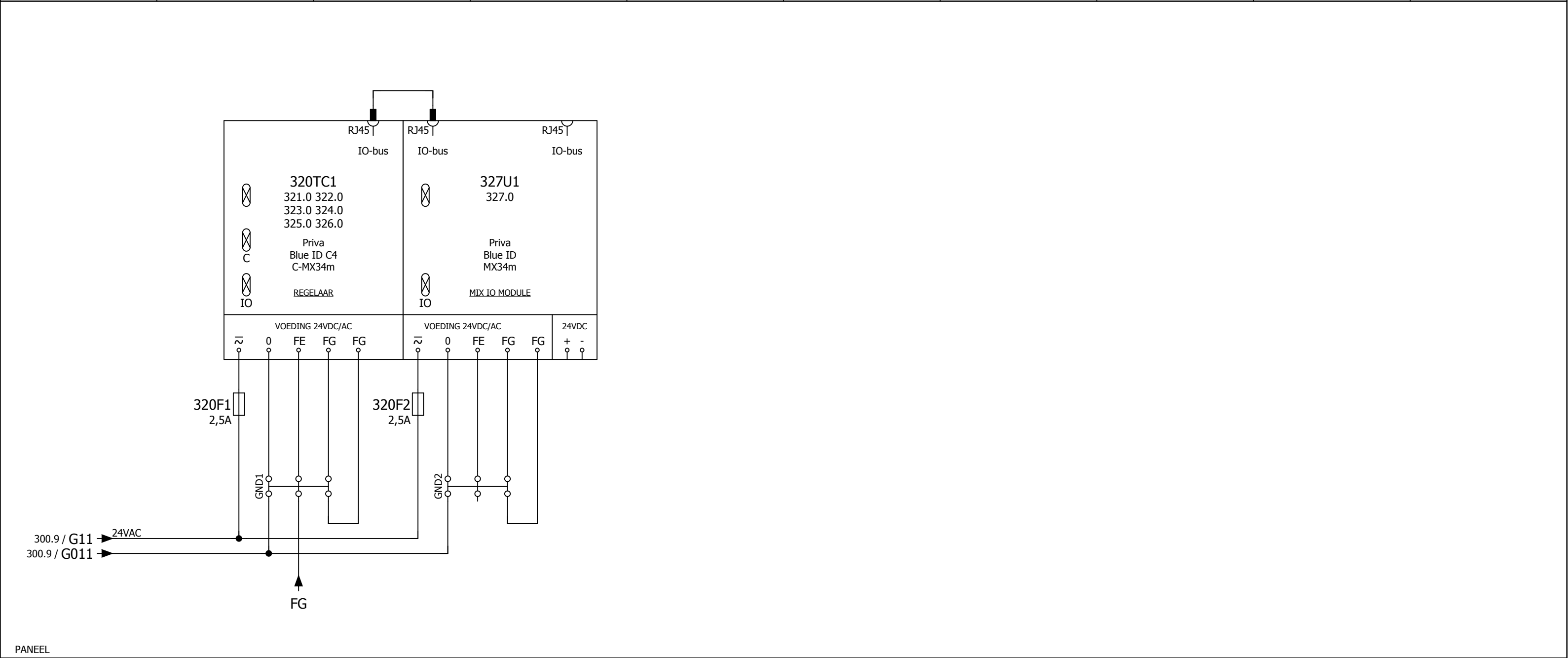
RESERVE



|         |  |  |  |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|--|--|--|
| PANEEL  |  |  |  |  |  |  |  |  |  |
| KLEMMEN |  |  |  |  |  |  |  |  |  |
| VELD    |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |



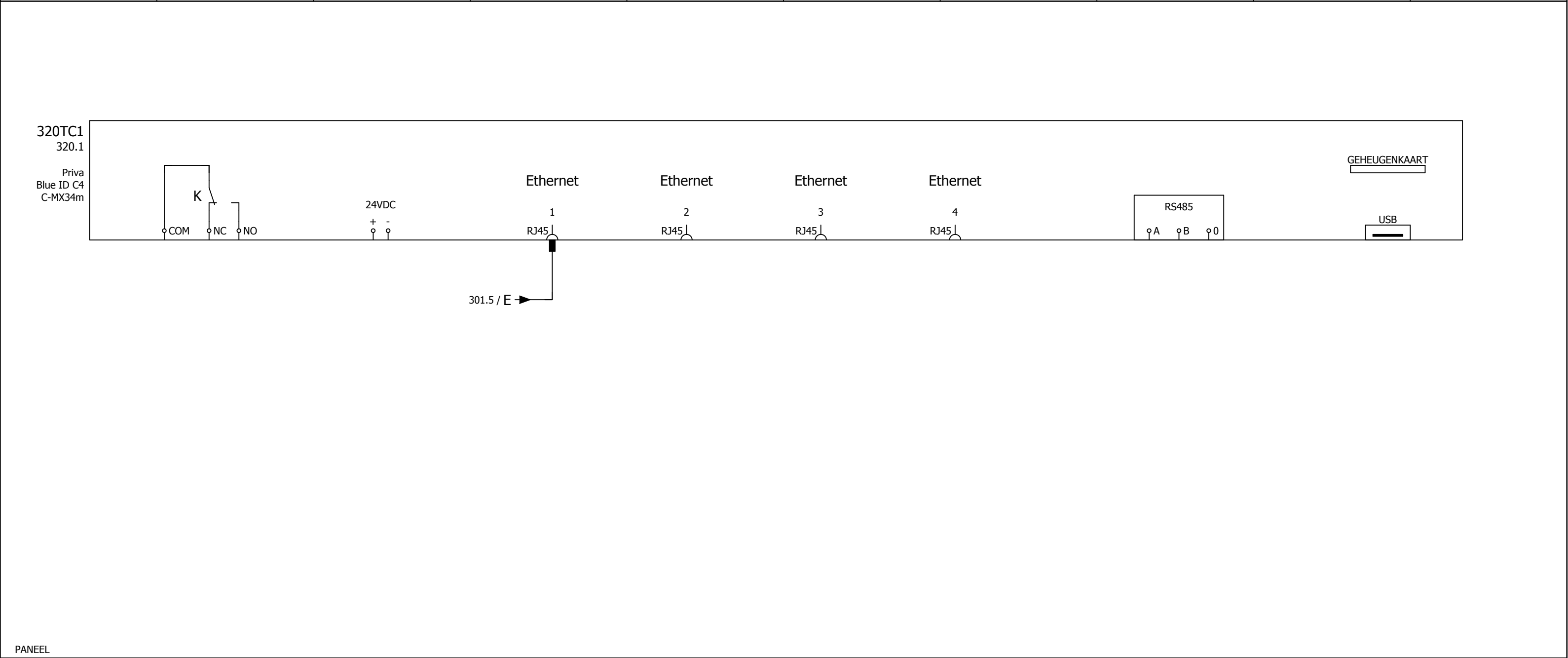




PANEEL

KLEMMEN

VELD



PANEEL

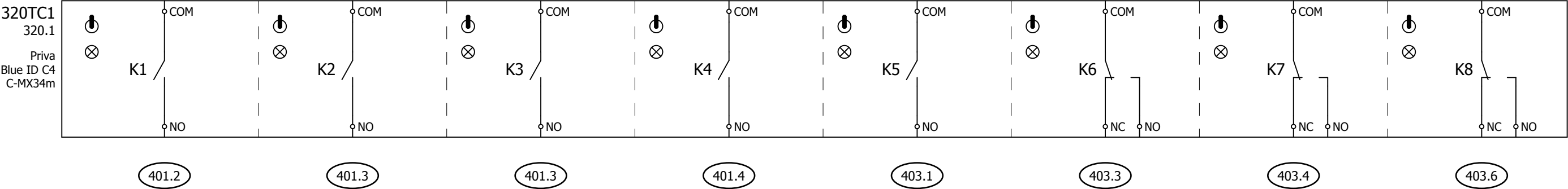
KLEMMEN

VELD

ALARMCONTACT

COMMUNICATIE  
VAN  
300TC1 (C-MX34m)

DATACOMMUNICATIE  
RS485



PANEEL

KLEMMEN

VELD

TRANSPORTPOMP  
TSA  
IN BEDRIJF

WARMTEVRAAG  
NAAR RK  
ENNATUURLIJK

AANWARMEN  
NAAR RK  
ENNATUURLIJK

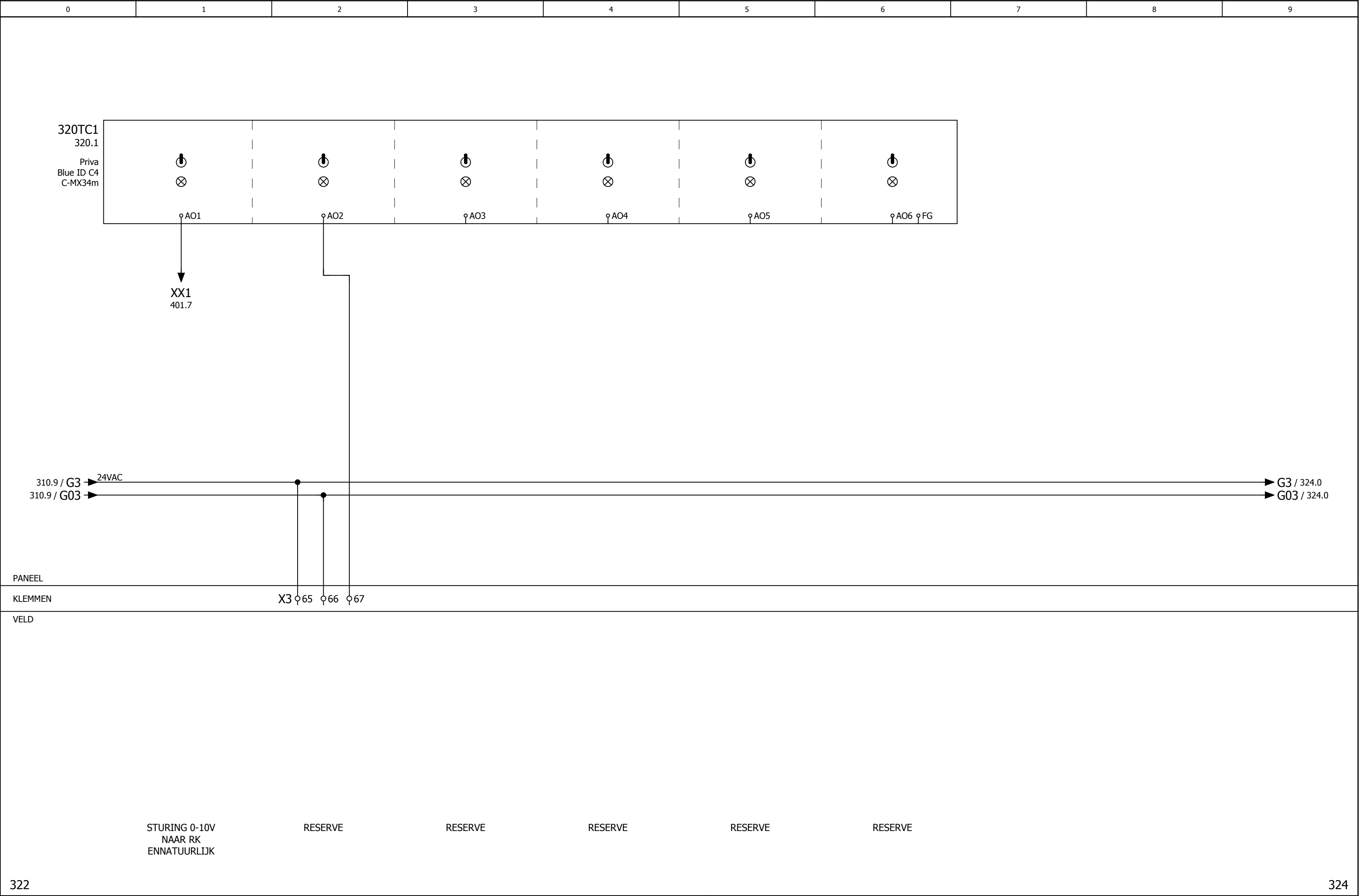
RESERVE  
VAN RK  
ENNATUURLIJK

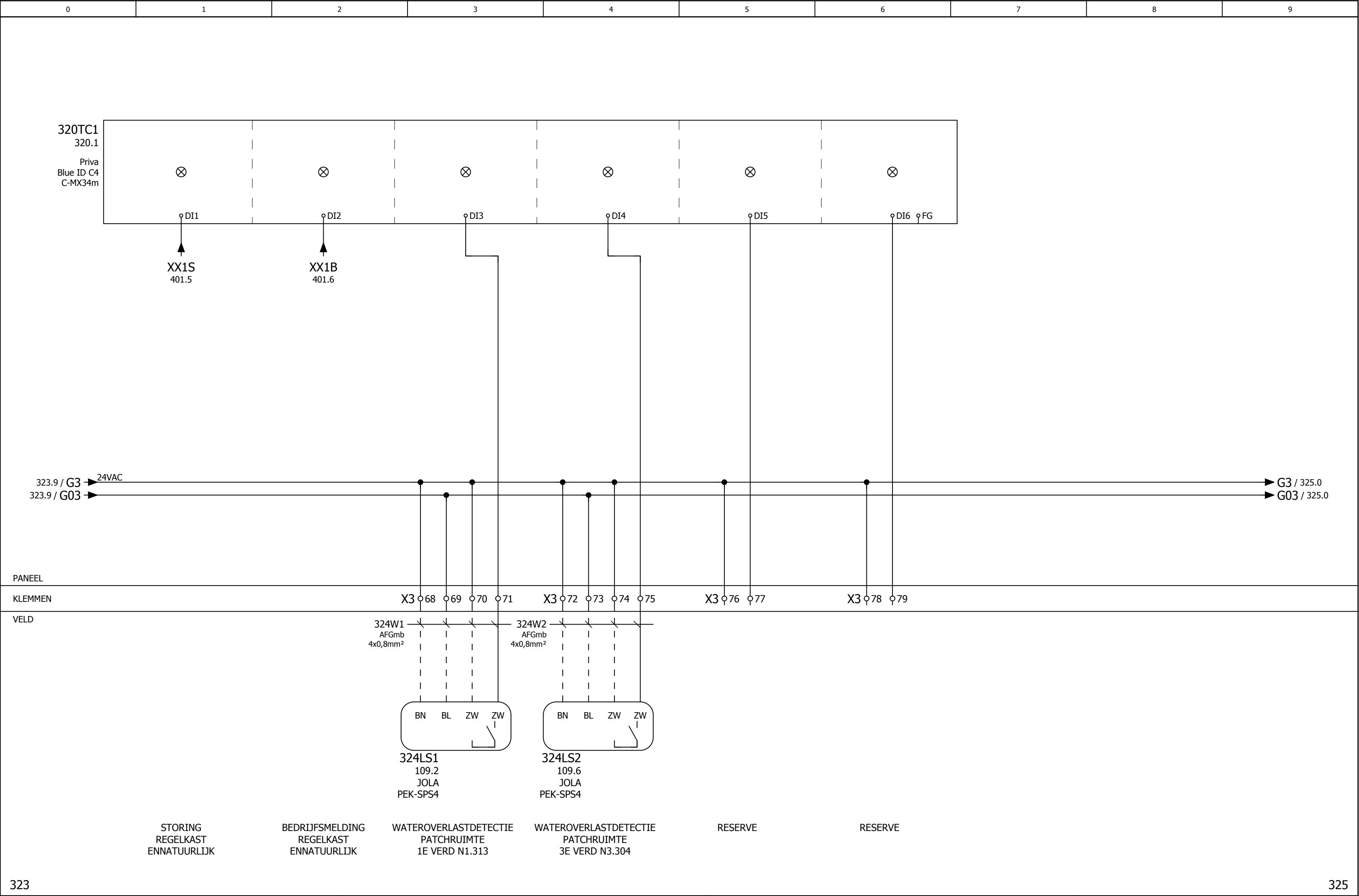
AFSLUITER  
ZONE 4

AFSLUITER  
ZONE 5

AFSLUITER  
ZONE 6

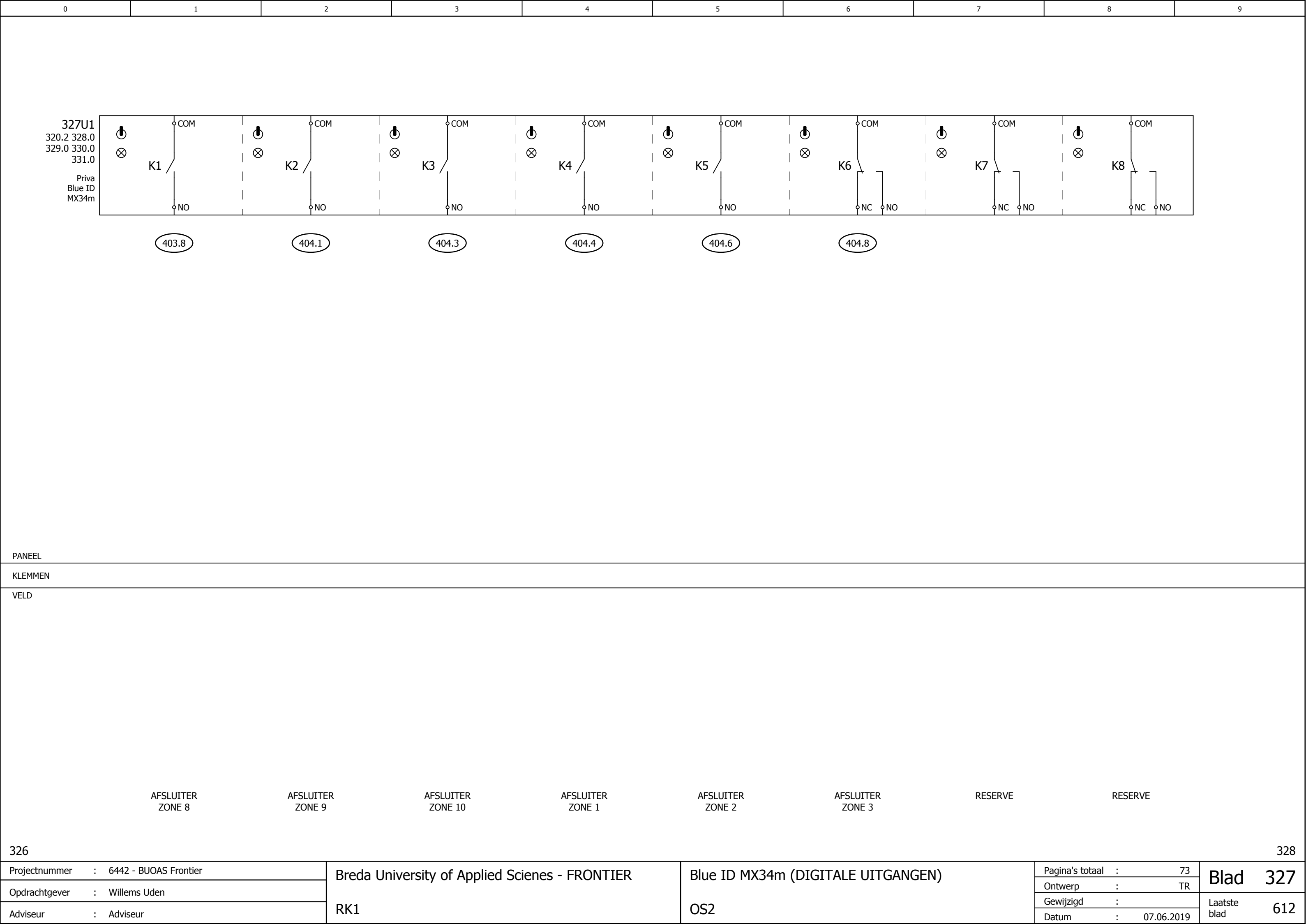
AFSLUITER  
ZONE 7

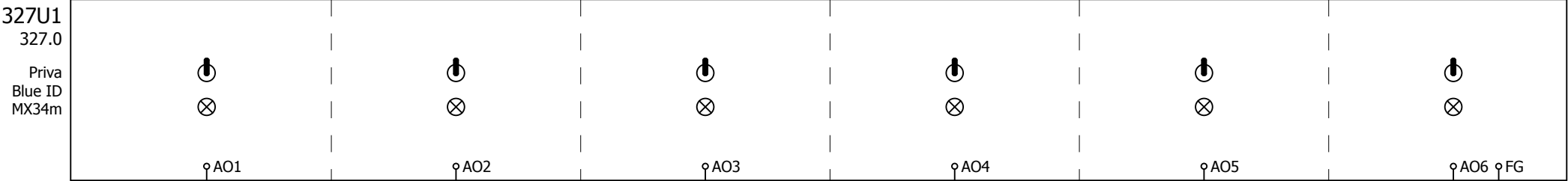












PANEEL

KLEMMEN

VELD

RESERVE

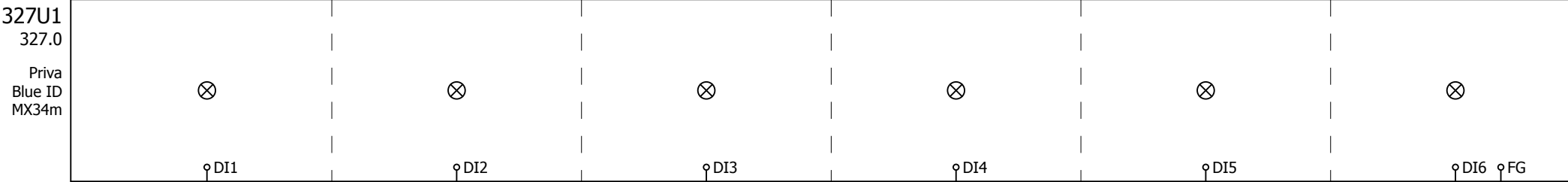
RESERVE

RESERVE

RESERVE

RESERVE

RESERVE



PANEEL

KLEMMEN

VELD

RESERVE

RESERVE

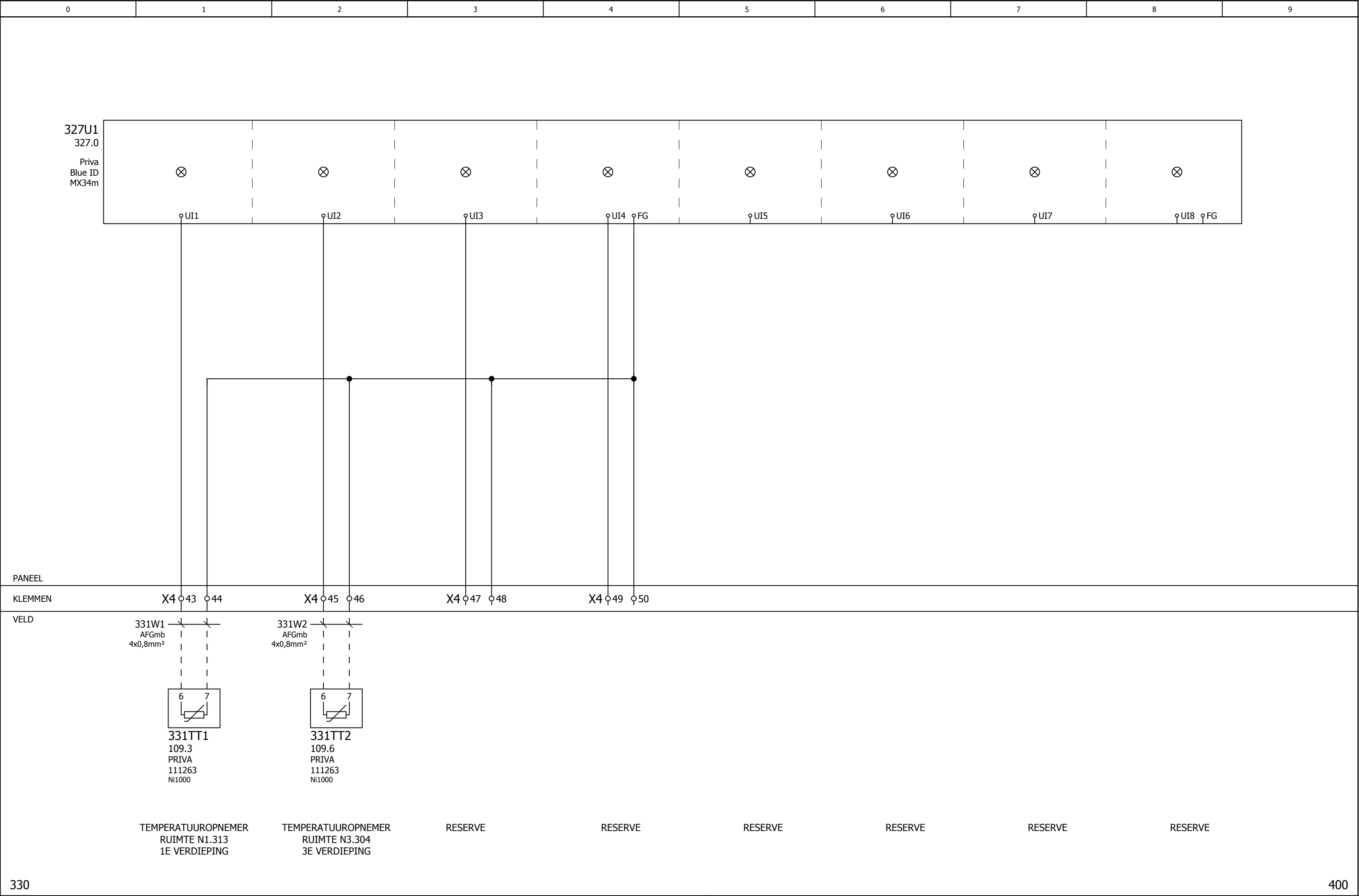
RESERVE

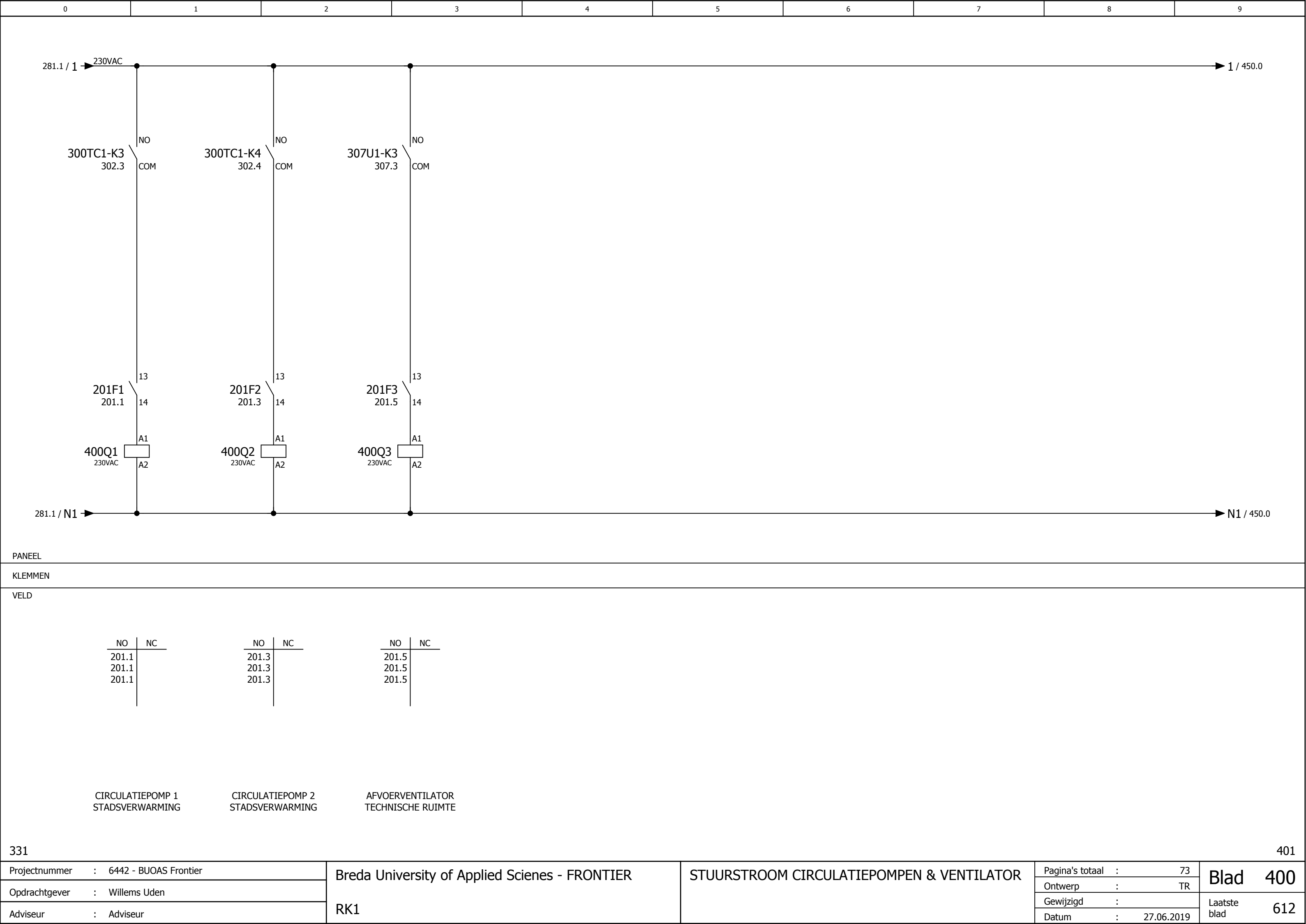
RESERVE

RESERVE

RESERVE







1 / 450.0

N1 / 450.0

PANEEL

KLEMMEN

VELD

NO

NC

201.1

201.1

201.1

NO

NC

201.3

201.3

201.3

NO

NC

201.5

201.5

201.5

CIRCULATIEPOMP 1  
STADSVERWARMING

CIRCULATIEPOMP 2  
STADSVERWARMING

AFVOERVENTILATOR  
TECHNISCHE RUIMTE

331

401

Projectnummer : 6442 - BUOAS Frontier

Opdrachtgever : Willems Uden

Adviseur : Adviseur

Breda University of Applied Scienes - FRONTIER

RK1

STUURSTROOM CIRCULATIEPOMPEN & VENTILATOR

Pagina's totaal : 73

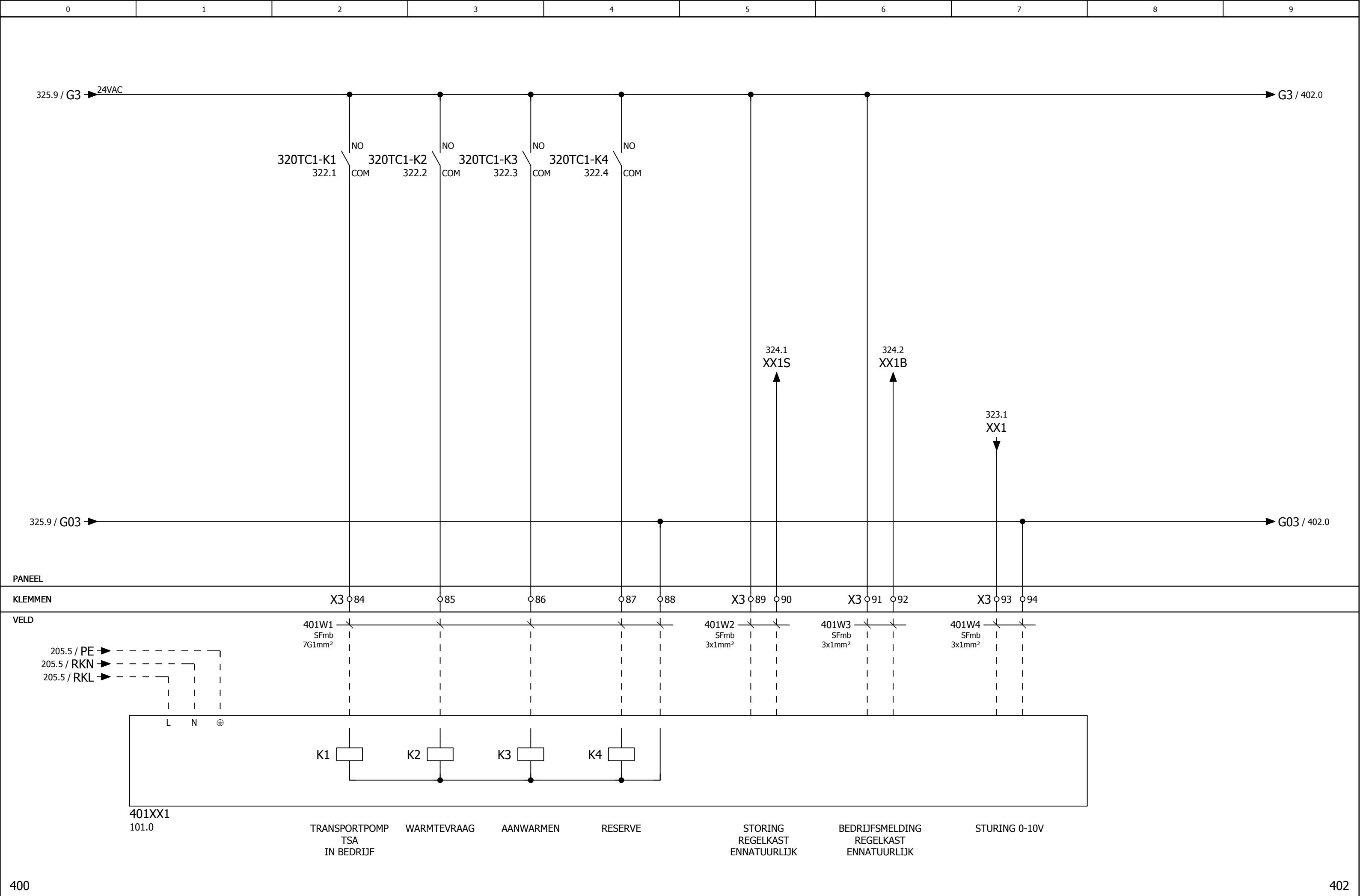
Ontwerp : TR

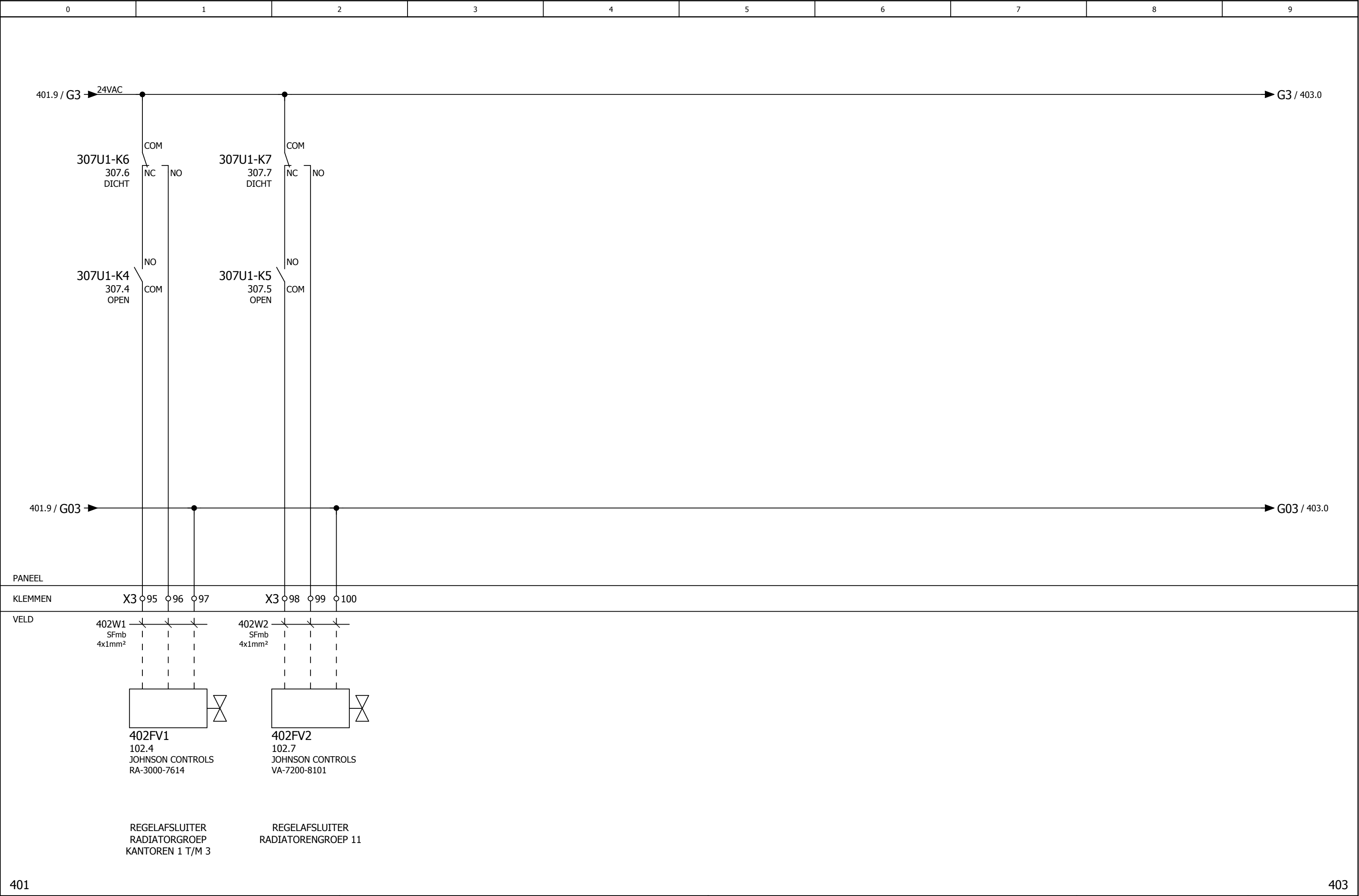
Gewijzigd :

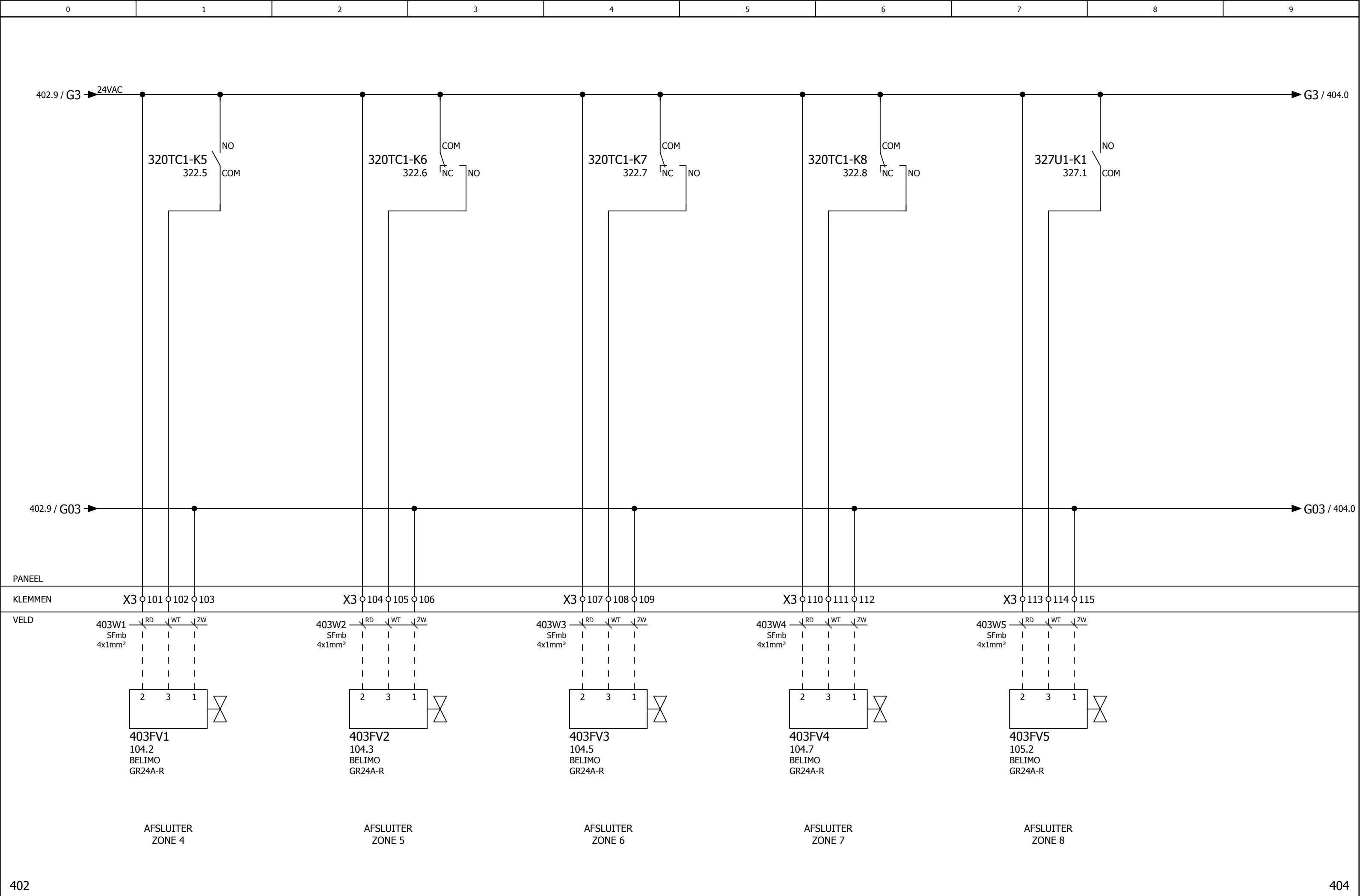
Datum : 27.06.2019

Blad 400

Laatste blad 612

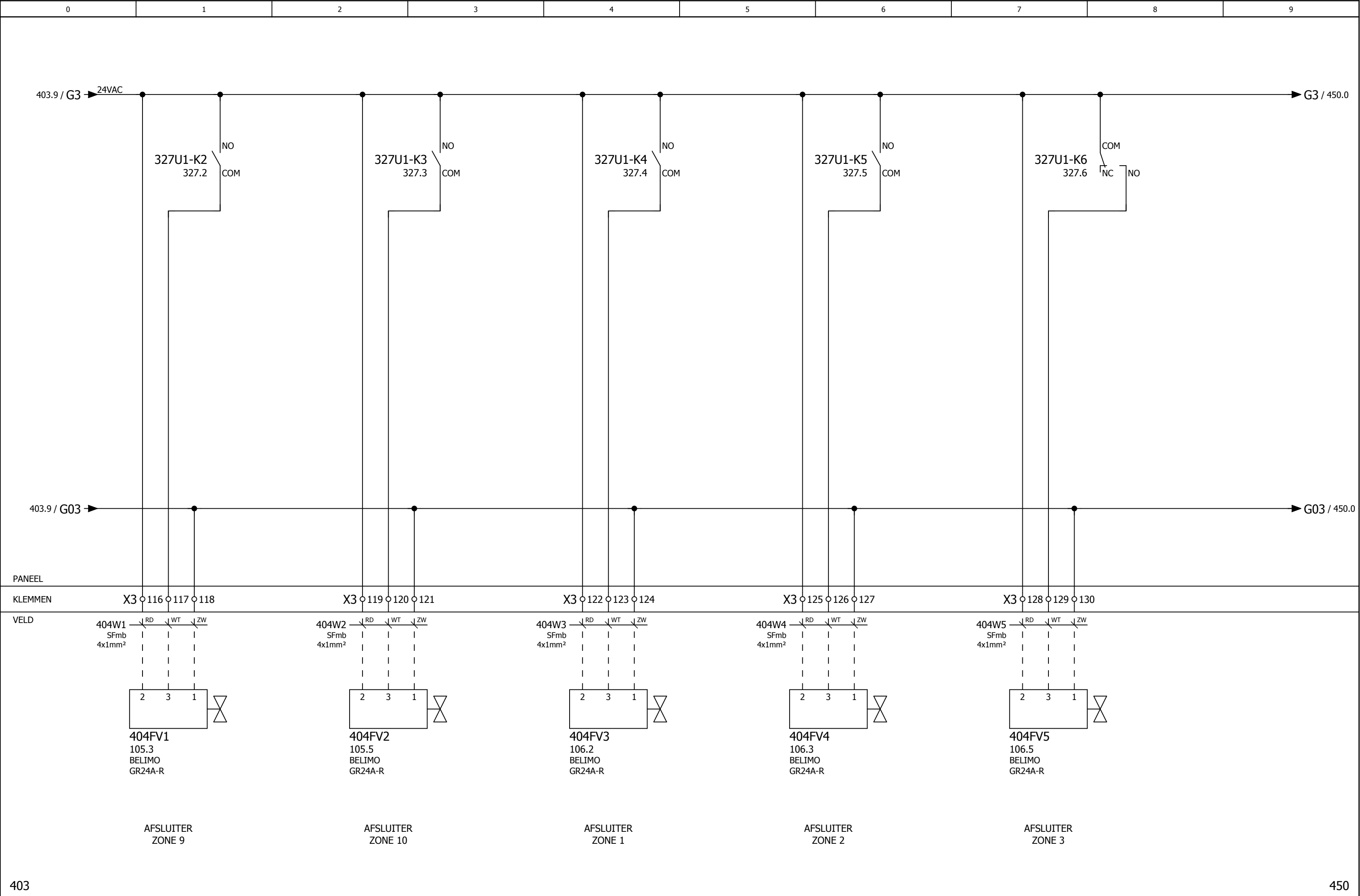






402

404

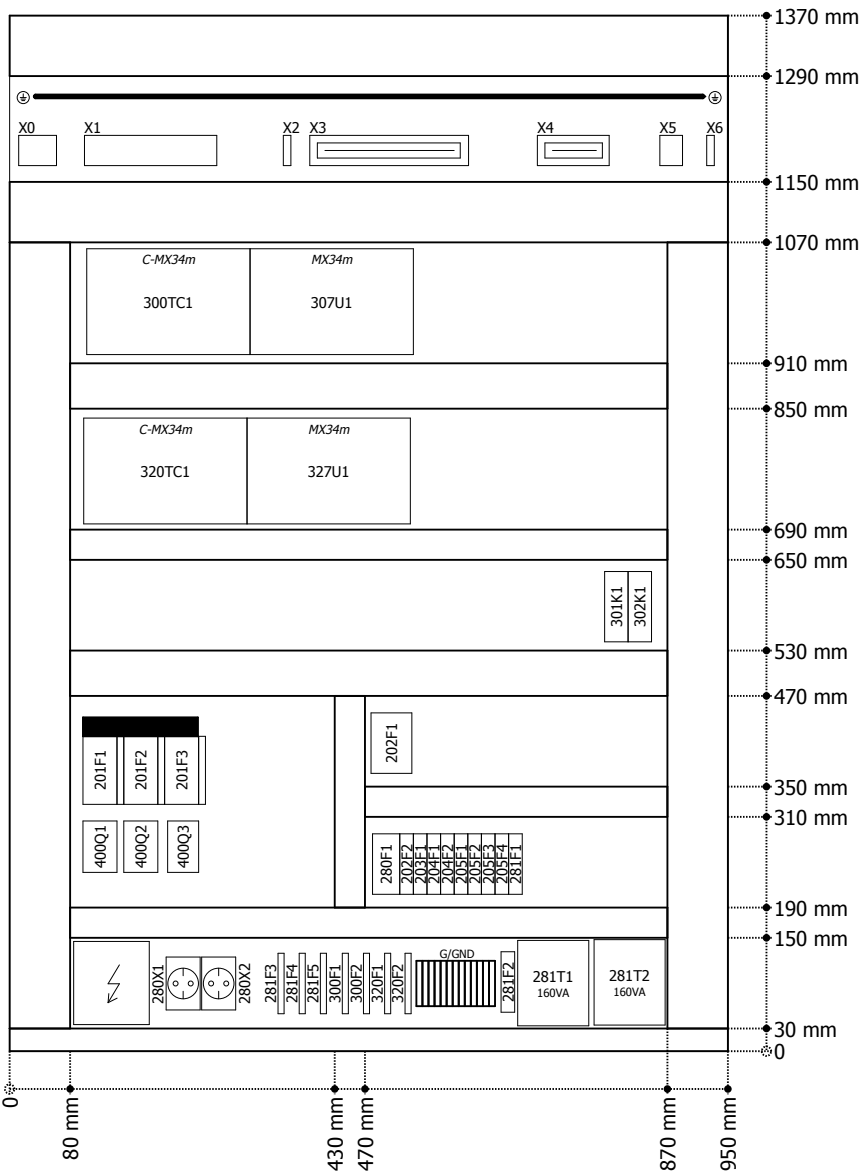
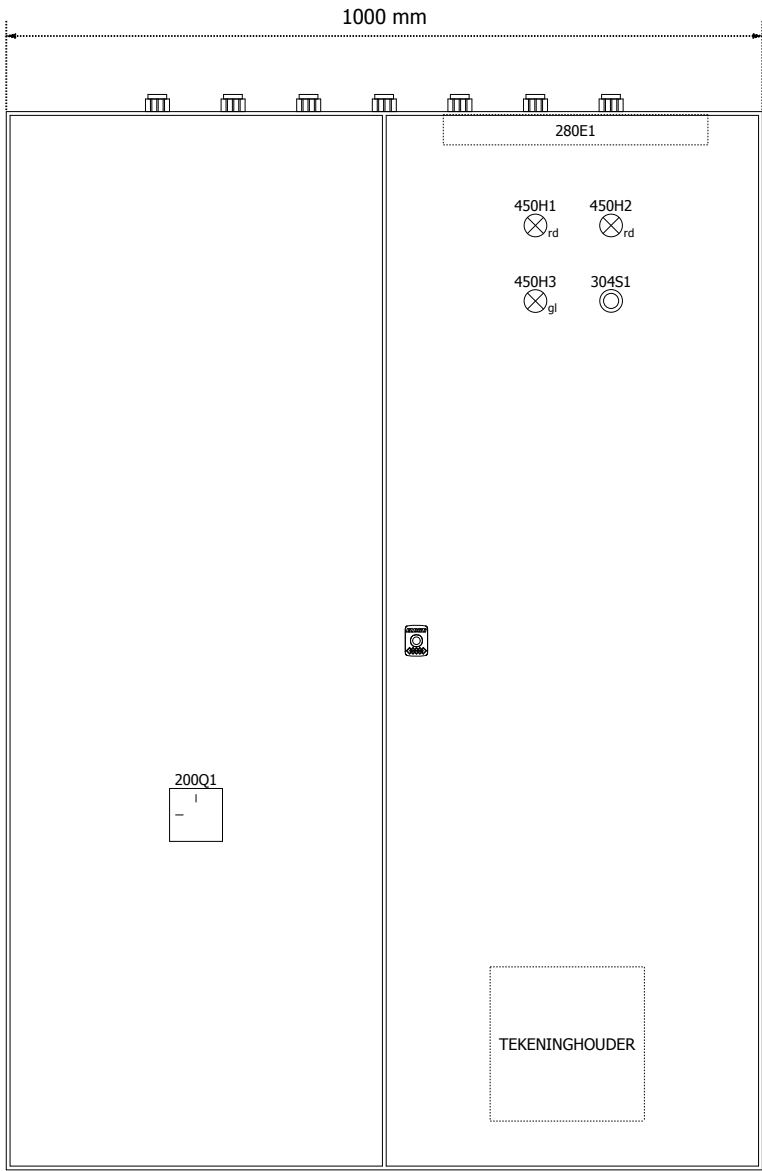
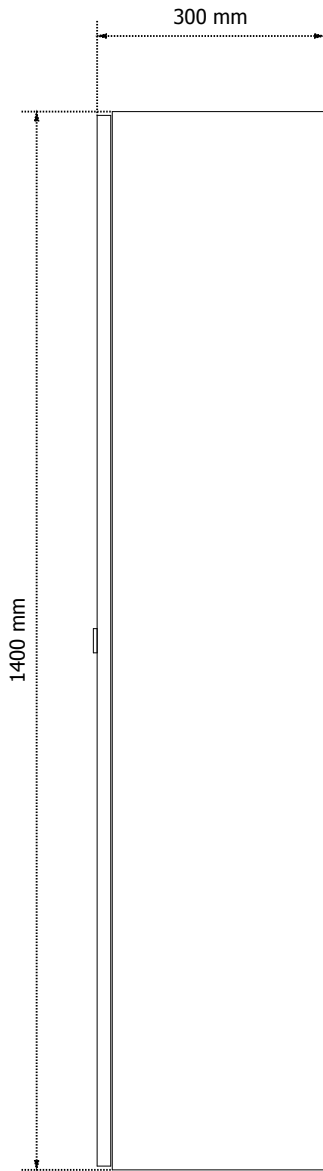


403

450

M:\Eplan P8\Projecten\Potec\Archief\Breda\6442 - NHTV N gebouw\6442 - BUOAS Frontier.elk





KASTTYPE:  
ELDON  
MAD1401030R5

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|

|  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|

|     |  |  |  |  |  |  |  |  |     |
|-----|--|--|--|--|--|--|--|--|-----|
| 500 |  |  |  |  |  |  |  |  | 600 |
|-----|--|--|--|--|--|--|--|--|-----|

|                                       |                                                |                      |                      |                  |
|---------------------------------------|------------------------------------------------|----------------------|----------------------|------------------|
| Projectnummer : 6442 - BUOAS Frontier | Breda University of Applied Scienes - FRONTIER | REGELPANEEL INDELING | Pagina's totaal : 73 | Blad 501         |
| Opdrachtgever : Willems Uden          |                                                |                      | Ontwerp : TR         |                  |
| Adviseur : Adviseur                   |                                                |                      | Gewijzigd :          |                  |
|                                       |                                                |                      | Datum : 24.06.2019   | Laatste blad 612 |