

Hoogheemraadschap van  
**Rijnland**

**AWTG Zuidrand**

**GIS: NV-080-00023**

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**Kadiks Automatisering**  
2841 MD Moordrecht  
Tel.: 0182-712079  
Fax.: 0182-616412

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Hoogheemraadschap van  
**Rijnland**

**AWTG Zuidrand**  
Titelblad / voorblad

Dwight Bruno

AS BUILT 11-04-2018

**A3**

**NV-080-00023**

**001**

Inhoudsopgave

| GROEP NUMMER | BLAD NUMMER | TITEL                                                                                  | VERSIE |  |
|--------------|-------------|----------------------------------------------------------------------------------------|--------|--|
| NV-080-00023 | 001         | Titelblad / voorblad                                                                   |        |  |
| NV-080-00023 | 002         | Tekeningenlijst                                                                        |        |  |
| NV-080-00023 | 003         | Tekeningenlijst                                                                        |        |  |
| NV-080-00023 | 004         | Tekeningenlijst                                                                        |        |  |
| NV-080-00023 | 005         | Tekeningenlijst                                                                        |        |  |
| NV-080-00023 | 006         | Tekeningenlijst                                                                        |        |  |
| NV-080-00023 | 010         | Draadkleuren en Doorsneden                                                             |        |  |
| NV-080-00023 | 011         | Legenda en Opmerkingen                                                                 |        |  |
| NV-080-00023 | 012         | Grondschema                                                                            |        |  |
| NV-080-00023 | 013         | Installatieschema HVK/HVL-ALG-01 & MCC                                                 |        |  |
| NV-080-00023 | 014         | Installatieschema HVL-ALG-01                                                           |        |  |
| NV-080-00023 | 100         | Installatieschema kracht en licht Inkomende voeding TN-CS stelsel HVK/HVL-ALG-01       |        |  |
| NV-080-00023 | 101         | Installatieschema kracht en licht HVL-ALG-01                                           |        |  |
| NV-080-00023 | 102         | Installatieschema kracht en licht HVL-ALG-01                                           |        |  |
| NV-080-00023 | 103         | Installatieschema kracht en licht HVL-ALG-01                                           |        |  |
| NV-080-00023 | 104         | Installatieschema kracht en licht HVL-ALG-01                                           |        |  |
| NV-080-00023 | 105         | Installatieschema verbruikers algameen MCC-ALG-01/02                                   |        |  |
| NV-080-00023 | 106         | Installatieschema verbruikers algameen MCC-ALG-03                                      |        |  |
| NV-080-00023 | 107         | Installatieschema vuilwaterpompen MCC-ALG-02                                           |        |  |
| NV-080-00023 | 108         | Installatieschema vuilwaterpompen MCC-ALG-01                                           |        |  |
| NV-080-00023 | 109         | Installatieschema stuurstroom 230VAC werktuigen MCC-ALG-01/02/03                       |        |  |
| NV-080-00023 | 110         | Installatieschema stuurstroom diversen MRK-ALG-01                                      |        |  |
| NV-080-00023 | 111         | Installatieschema stuurstroom metingen MRK-ALG-01                                      |        |  |
| NV-080-00023 | 112         | Installatieschema stuurstroom diversen HVL/MRK/MCC-ALG-01/02/03                        |        |  |
| NV-080-00023 | 113         | Installatieschema stuurstroom diversen MRK-ALG-01                                      |        |  |
| NV-080-00023 | 125         | Installatieschema stuurstroom 24VDC meet & regel MRK-ALG-01                            |        |  |
| NV-080-00023 | 126         | Installatieschema stuurstroom 24VDC meet & regel MRK-ALG-01                            |        |  |
| NV-080-00023 | 127         | Installatieschema stuurstroom 24VDC meet & regel MRK-ALG-01                            |        |  |
| NV-080-00023 | 200         | Stroomkringschema inkomende hoofdstroom Inkomende voeding met PEN-Leiding TN-S stelsel |        |  |
| NV-080-00023 | 201         | Stroomkringschema powermonitor inkomende voeding                                       |        |  |
| NV-080-00023 | 202         | Stroomkringschema hoofdstroom Verdeling hoofdstroom                                    |        |  |
| NV-080-00023 | 203         | Stroomkringschema hoofdstroom                                                          |        |  |
| NV-080-00023 | 204         | HVL-ALG-01 Verdeling verwarming                                                        |        |  |
| NV-080-00023 | 205         | HVL-ALG-01 Verdeling kracht WCD's                                                      |        |  |
| NV-080-00023 | 206         | HVL-ALG-01 Verdeling groepen 230VAC WCD                                                |        |  |
| NV-080-00023 | 209         | HVL-ALG-01 Verdeling verlichting binnen                                                |        |  |
| NV-080-00023 | 210         | HVL-ALG-01 Noodverlichting                                                             |        |  |
| NV-080-00023 | 211         | HVL-ALG-01 Verdeling buitenverlichting                                                 |        |  |
| NV-080-00023 | 212         | HVL-ALG-01 Reserve groepen                                                             |        |  |
| NV-080-00023 | 213         | Inkomende voeding UPS 230VAC/24VDC MRK                                                 |        |  |
| NV-080-00023 | 214         | Inkomende voeding UPS 230VAC/230AC MRK                                                 |        |  |
| NV-080-00023 | 220         | Hoofdstroom P_1010 Vuilwaterpomp 1                                                     |        |  |
| NV-080-00023 | 221         | Stuurstroom P_1010 Vuilwaterpomp 1                                                     |        |  |
| NV-080-00023 | 222         | Stuurstroom P_1010 Vuilwaterpomp 1                                                     |        |  |

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Fax.: 0182-616412

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Hoogheemraadschap van  
**Rijnland**

Archimedesweg 1, 2333 CM Leiden - Postbus 156, 2300 AD Leiden - Telefoon 071-3063063 - Internet [www.rijnland.net](http://www.rijnland.net) E-mail [post@rijnland.net](mailto:post@rijnland.net) - Telefax 071-5123916

AWTG Zuidrand  
Tekeningenlijst

Dwight BrunoAS BUILT 11-04-2018

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| GROEP NUMMER | BLAD NUMMER | TITEL                                                                        | VERSIE |  |
|--------------|-------------|------------------------------------------------------------------------------|--------|--|
| NV-080-00023 | 225         | Digitale I/O P_1010 Vuilwaterpomp 1                                          |        |  |
| NV-080-00023 | 226         | Analoge I/O P_1010 Vuilwaterpomp 1                                           |        |  |
| NV-080-00023 | 230         | Hoofdstroom P_1020 Vuilwaterpomp 2                                           |        |  |
| NV-080-00023 | 231         | Stuurstroom P_1020 Vuilwaterpomp 2                                           |        |  |
| NV-080-00023 | 232         | Stuurstroom P_1020 Vuilwaterpomp 2                                           |        |  |
| NV-080-00023 | 235         | Digitale I/O P_1020 Vuilwaterpomp 2                                          |        |  |
| NV-080-00023 | 236         | Analoge I/O P_1020 Vuilwaterpomp 2                                           |        |  |
| NV-080-00023 | 240         | Hoofdstroom P_1030 Vuilwaterpomp 3                                           |        |  |
| NV-080-00023 | 241         | Stuurstroom P_1030 Vuilwaterpomp 3                                           |        |  |
| NV-080-00023 | 242         | Stuurstroom P_1030 Vuilwaterpomp 3                                           |        |  |
| NV-080-00023 | 245         | Digitale I/O P_1030 Vuilwaterpomp 3                                          |        |  |
| NV-080-00023 | 246         | Analoge I/O P_1030 Vuilwaterpomp 3                                           |        |  |
| NV-080-00023 | 250         | Hoofdstroom P_9062 Percolaatpomp                                             |        |  |
| NV-080-00023 | 251         | Stuurstroom P_9062 Percolaatpomp                                             |        |  |
| NV-080-00023 | 252         | Digitale I/O P_9062 Percolaatpomp                                            |        |  |
| NV-080-00023 | 260         | Hoofdstroom P_9010,P_9015 Lenspomp                                           |        |  |
| NV-080-00023 | 261         | Stuurstroom P_9010 Lenspomp, LS9011 WOV Vlotter                              |        |  |
| NV-080-00023 | 262         | Digitale I/O P_9010 Lenspomp                                                 |        |  |
| NV-080-00023 | 263         | Stuurstroom P_9015 Lenspomp, LS9017 WOV Vlotter                              |        |  |
| NV-080-00023 | 264         | Digitale I/O P_9015 Lenspomp                                                 |        |  |
| NV-080-00023 | 265         | Hoofd-/Stuurstroom DV9050 Drukverhogingsinstallatie                          |        |  |
| NV-080-00023 | 266         | Stuurstroom DV9050 Drukverhogingsinstallatie                                 |        |  |
| NV-080-00023 | 267         | Digitale I/O DV9050 Drukverhogingsinstallatie                                |        |  |
| NV-080-00023 | 270         | Hoofd-/Stuurstroom VL9020 Ventilator Pompenkelder                            |        |  |
| NV-080-00023 | 271         | Stuurstroom VL9020 Ventilator Pompenkelder                                   |        |  |
| NV-080-00023 | 272         | Hoofd-/Stuurstroom VL9030 Ventilator Geurbehandelingsruimte                  |        |  |
| NV-080-00023 | 273         | Stuurstroom VL9030 Ventilator Geurbehandelingsruimte                         |        |  |
| NV-080-00023 | 274         | Hoofd-/Stuurstroom VL9040 Ventilator Schakelruimte                           |        |  |
| NV-080-00023 | 275         | Stuurstroom VL9040 Ventilator Schakelruimte                                  |        |  |
| NV-080-00023 | 276         | Hoofd-/Stuurstroom VL9061 Ventilator Lavafilter                              |        |  |
| NV-080-00023 | 277         | Stuurstroom VL9061 Ventilator Lavafilter                                     |        |  |
| NV-080-00023 | 278         | Hoofd-/Stuurstroom VL9063 Ventilator Koofilter                               |        |  |
| NV-080-00023 | 279         | Stuurstroom VL9063 Ventilator Koofilter                                      |        |  |
| NV-080-00023 | 280         | Hoofd-/Stuurstroom Verwarming pompkelder Verwarming HVL HE9080 HE9081        |        |  |
| NV-080-00023 | 281         | Hoofd-/Stuurstroom Verwarming geurbehan. ruimte Verwarming HVL HE9082 HE9083 |        |  |
| NV-080-00023 | 282         | Hoofd-/Stuurstroom Verwarming schakelruimte Verwarming HVL HE9082 HE9083     |        |  |
| NV-080-00023 | 290         | Kastventilatie 230VAC MRK/MCC/MCC-ALG                                        |        |  |
| NV-080-00023 | 291         | Kastventilatie 230VAC MRK/MCC/MCC-ALG                                        |        |  |
| NV-080-00023 | 292         | Kastverlichting + Kastverwarming 230VAC                                      |        |  |
| NV-080-00023 | 300         | Hoofdstroomschema Afsluiter 1 MV1015                                         |        |  |
| NV-080-00023 | 301         | Stuurstroomschema Afsluiter 1 MV1015                                         |        |  |
| NV-080-00023 | 302         | Stuurstroomschema Afsluiter 1 MV1015                                         |        |  |
| NV-080-00023 | 303         | Digitale in/uitgangen Afsluiter 1 MV1015                                     |        |  |
| NV-080-00023 | 304         | Stuurstroomschema Afsluiter 1 MV1015                                         |        |  |



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|--------------|-------------|-------------------------------------------------------------------|--------|--|
| NV-080-00023 | 310         | Hoofdstroomschema Afsluiter 2 MV1016                              |        |  |
| NV-080-00023 | 311         | Stuurstroomschema Afsluiter 2 MV1016                              |        |  |
| NV-080-00023 | 312         | Stuurstroomschema Afsluiter 2 MV1016                              |        |  |
| NV-080-00023 | 313         | Digitale in/uitgangen Afsluiter 2 MV1016                          |        |  |
| NV-080-00023 | 314         | Stuurstroomschema Afsluiter 2 MV1016                              |        |  |
| NV-080-00023 | 320         | Hoofdstroomschema Sproeiwaterafsluiter MV9068                     |        |  |
| NV-080-00023 | 321         | Stuurstroomschema Sproeiwaterafsluiter MV9068                     |        |  |
| NV-080-00023 | 322         | Digitale in/uitgangen Sproeiwaterafsluiter MV9068                 |        |  |
| NV-080-00023 | 400         | Hoofdstroom LT1001/LT1002 Niveaumeting vuilwaterkelder            |        |  |
| NV-080-00023 | 401         | LT1001/LT1002 PLC Niveaumeting vuilwaterkelder                    |        |  |
| NV-080-00023 | 402         | Bypass afsluiter GS1060                                           |        |  |
| NV-080-00023 | 403         | Persleiding vanuit Rijsenhout GS1070                              |        |  |
| NV-080-00023 | 410         | Hoofdstroom FT1040 Debietmeting naar Zwaanhoek                    |        |  |
| NV-080-00023 | 411         | FT1040 PLC Debietmeting naar Zwaanhoek                            |        |  |
| NV-080-00023 | 412         | Hoofdstroom PT1041 Drukmeting persleiding naar Zwaanhoek nieuw    |        |  |
| NV-080-00023 | 413         | PT1041 PLC Drukmeting persleiding naar Zwaanhoek nieuw            |        |  |
| NV-080-00023 | 414         | Hoofdstroom PT1042 Drukmeting persleiding naar Zwaanhoek bestaand |        |  |
| NV-080-00023 | 415         | PT1042 PLC Drukmeting persleiding naar Zwaanhoek bestaand         |        |  |
| NV-080-00023 | 416         | Hoofdstroom FT1045 Debietmeting naar Zwaanhoek bestaand           |        |  |
| NV-080-00023 | 417         | FT1045 PLC Debietmeting naar Zwaanhoek bestaand                   |        |  |
| NV-080-00023 | 418         | Hoofdstroom/Stuurstroom QT9032 H2S Metingen geurbehandeling       |        |  |
| NV-080-00023 | 419         | Stuurstroom QT9032 H2S Metingen                                   |        |  |
| NV-080-00023 | 420         | Semi Automatisch Bedrijf Stuurstroom 230VAC Semi/Auto             |        |  |
| NV-080-00023 | 440         | Algemeen Stuurstroom                                              |        |  |
| NV-080-00023 | 450         | Algemeen PLC Stuurstroom                                          |        |  |
| NV-080-00023 | 451         | Digitale I/O Stuurstroom Algemeen                                 |        |  |
| NV-080-00023 | 510         | Voeding PLC kaarten T-Box                                         |        |  |
| NV-080-00023 | 511         | Voeding PLC kaarten T-Box                                         |        |  |
| NV-080-00023 | 530         | KPN/Backup-Alarm Backup-alarm, Ethernet en Telefoon voorziening   |        |  |
| NV-080-00023 | 601         | PLC Overzicht Digitale Ingangen                                   |        |  |
| NV-080-00023 | 602         | PLC Overzicht Digitale Ingangen                                   |        |  |
| NV-080-00023 | 603         | PLC Overzicht Digitale Ingangen                                   |        |  |
| NV-080-00023 | 604         | PLC Overzicht Digitale Ingangen                                   |        |  |
| NV-080-00023 | 605         | PLC Overzicht Digitale Ingangen                                   |        |  |
| NV-080-00023 | 606         | PLC Overzicht Digitale Ingangen                                   |        |  |
| NV-080-00023 | 607         | PLC Overzicht Digitale Uitgangen                                  |        |  |
| NV-080-00023 | 608         | PLC Overzicht Analoge Ingangen                                    |        |  |
| NV-080-00023 | 609         | PLC Overzicht Analoge Ingangen                                    |        |  |
| NV-080-00023 | 610         | PLC Overzicht Analoge Uitgangen                                   |        |  |
| NV-080-00023 | 700         | Frontindeling Schakelkasten                                       |        |  |
| NV-080-00023 | 701         | Kastindeling Schakelkasten                                        |        |  |
| NV-080-00023 | 702         | Koper leiding indeling Schakelkasten                              |        |  |
| NV-080-00023 | 703         | Frontindeling Schakelkasten                                       |        |  |
| NV-080-00023 | 704         | Kastindeling Schakelkasten                                        |        |  |



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| GROEP NUMMER | BLAD NUMMER | TITEL                                | VERSIE |  |
|--------------|-------------|--------------------------------------|--------|--|
| NV-080-00023 | 705         | Kastindeling Schakelkasten           |        |  |
| NV-080-00023 | 706         | Frontindeling Schakelkasten          |        |  |
| NV-080-00023 | 707         | Kastindeling Schakelkasten           |        |  |
| NV-080-00023 | 708         | Volledige Kastaanzicht Schakelkasten |        |  |
| NV-080-00023 | 709         | Detailtekening sokkel                |        |  |
| NV-080-00023 | 710         | Plattegrond                          |        |  |
| NV-080-00023 | 711         | Plattegrond kabelgoot                |        |  |
| NV-080-00023 | 712         | Verlichting                          |        |  |
| NV-080-00023 | 713         | Mantelbuis                           |        |  |
| NV-080-00023 | 750         | Kabeloverzicht                       |        |  |
| NV-080-00023 | 751         | Kabeloverzicht                       |        |  |
| NV-080-00023 | 752         | Kabeloverzicht                       |        |  |
| NV-080-00023 | 753         | Kabeloverzicht                       |        |  |
| NV-080-00023 | 754         | Kabeloverzicht                       |        |  |
| NV-080-00023 | 801         | Klemmenaansluitijst 214-X7           |        |  |
| NV-080-00023 | 802         | Klemmenaansluitijst HVK-X3           |        |  |
| NV-080-00023 | 803         | Klemmenaansluitijst HVL-X1           |        |  |
| NV-080-00023 | 804         | Klemmenaansluitijst HVL-X2           |        |  |
| NV-080-00023 | 805         | Klemmenaansluitijst HVL-X2           |        |  |
| NV-080-00023 | 806         | Klemmenaansluitijst HVL-X2           |        |  |
| NV-080-00023 | 807         | Klemmenaansluitijst HVL-X2           |        |  |
| NV-080-00023 | 808         | Klemmenaansluitijst HVL-X2           |        |  |
| NV-080-00023 | 809         | Klemmenaansluitijst HVL-X2           |        |  |
| NV-080-00023 | 810         | Klemmenaansluitijst HVL-X2           |        |  |
| NV-080-00023 | 811         | Klemmenaansluitijst HVL-X3           |        |  |
| NV-080-00023 | 855         | Klemmenaansluitijst MRK-X4           |        |  |
| NV-080-00023 | 856         | Klemmenaansluitijst MRK-X2           |        |  |
| NV-080-00023 | 857         | Klemmenaansluitijst MRK-X2.1         |        |  |
| NV-080-00023 | 858         | Klemmenaansluitijst MRK-X3           |        |  |
| NV-080-00023 | 859         | Klemmenaansluitijst MRK-X4           |        |  |
| NV-080-00023 | 860         | Klemmenaansluitijst MRK-X6           |        |  |
| NV-080-00023 | 900         | Artikellijst                         |        |  |
| NV-080-00023 | 901         | Artikellijst                         |        |  |
| NV-080-00023 | 902         | Artikellijst                         |        |  |
| NV-080-00023 | 903         | Artikellijst                         |        |  |
| NV-080-00023 | 904         | Artikellijst                         |        |  |
| NV-080-00023 | 905         | Artikellijst                         |        |  |
| NV-080-00023 | 906         | Artikellijst                         |        |  |
| NV-080-00023 | 907         | Artikellijst                         |        |  |
| NV-080-00023 | 908         | Artikellijst                         |        |  |
| NV-080-00023 | 909         | Artikellijst                         |        |  |
| NV-080-00023 | 910         | Artikellijst                         |        |  |
| NV-080-00023 | 911         | Artikellijst                         |        |  |
| NV-080-00023 | 912         | Artikellijst                         |        |  |



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# Inhoudsopgave

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## AWTG Zuidrand Tekeningenlijst

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**Minimale Doorsnede**

- |                                 |            |
|---------------------------------|------------|
| - Licht- en krachtgroepen       | - 2,5 mm²  |
| - Stuurstroom, signalering e.d. | - 1 mm²    |
| - Stuurstroom, signalering PLC  | - 0,5 mm²  |
| - Analoge meetsignalen          | - 0,5 mm²  |
| - Interface bekabeling PLC      | - 0,25 mm² |

**Kleurcodering**

- |                               |                           |                                        |
|-------------------------------|---------------------------|----------------------------------------|
| - Hoofdstroom FASE            | - 400V                    | - Zwart                                |
| - Hoofdstroom FASE            | - 230V                    | - Bruin                                |
| - Hoofdstroom NUL             | - 230V                    | - Blauw                                |
| - Hoofdstroom schakeldraad    | - 230V                    | - Zwart                                |
| - Stuurstroom FASE            | - 230V                    | - Rood                                 |
| - Stuurstroom NUL             | - 230v                    | - Blauw                                |
| - Stuurstroom/signalering PLC | - 24VDC+                  | - Rood-Wit gestreept                   |
| - Stuurstroom/signalering PLC | - 24vDC-                  | - Zwart-Wit gestreept                  |
| - Stuurstroom FASE            | - 24VAC                   | - Violet                               |
| - Stuurstroom NUL             | - 24VAC                   | - Grijs                                |
| - Vreemde spanning            |                           | - Oranje                               |
| - Meting na stroomtrafo       |                           | - Transparant                          |
| - Analoge signalen            | - 0-5/10VDC of 0/4 - 20mA | - Bruin + getwist in afgeschermd kabel |
|                               |                           | - Wit-     Dracoda-mb of gelijkwaardig |
- 
- |                         |                       |
|-------------------------|-----------------------|
| - Intrinsiek veilig     | - Blauw-Wit gestreept |
| - Aarding               | - Geel/Groen          |
| - Potentiaalvereffening | - Geel/Groen          |
| - Beschermingsleiding   | - Geel/Groen          |



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AWTG Zuidrand  
Draadkleuren en Doorsneden

Dwight Bruno

AS BUILT 11-04-2018

A3

NV-080-00023

010

UOPBOUW NUMMER KLEMMENSTROOK  
ZIE BUNDEL DEEL 3 ELEKTROTECHNISCHE INSTALLATIES

1.2.3X4.000

KASTCODERINGEN

VOLGNUMMER

KLEMMENSTROOKCODERING

- X1 - HOOFDSTROOM 3 FASE
- X2 - HOOFDSTROOM 1 FASE
- X3 - STUURSTROOM 230VAC
- X4 - STUURSTROOM 24VDC
- X5 - STUURSTROOM 24VAC
- X6 - ANALOGE MEETSIGNALEN
- X7 - RESERVE
- X8 - VREEMDE SPANNING
- X9 - INTRINSIEK VEILIG
- X10 - VERLICHTING

DE VOLGENDE NUMMERS DOOR DE AANNEMER TE BEPALEN

- COMPARTIMENT
- VELD
- VOLGNUMMER

UOPBOUW KABELNUMMER  
ZIE BUNDEL DEEL 7 ARTIKEL 8.3 ELEKTROTECHNISCHE INSTALLATIES

1.2.3W000

- VOLGNUMMER
- NUMMER VAN HET BETREFFENDE COMPARTIMENT
- NUMMER VAN HET BETREFFENDE VELD
- KASTCODERING

BEDIENINGSSCHAKELAAR

|           | PLC | S-A | N-H | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 |
|-----------|-----|-----|-----|-----|-----|-----|-----|------|-------|-------|-------|-------|
| 0         |     |     |     |     |     |     |     |      |       |       |       |       |
| PLC       |     | X   | X   |     |     |     |     |      |       | X     |       |       |
| SEMI-AUTO |     |     |     | X   |     |     | X   |      |       |       | X     |       |
| NOOD-HAND |     |     |     |     |     | X   | X   |      | X     |       |       | X     |

0 - PLC - S-A - N-H

WERKSCHAKELAAR

|   | 1-2 | 3-4 | 5-6 |
|---|-----|-----|-----|
| 0 | X   |     |     |
| 1 |     | X   |     |
| T |     | X   | X   |

T - TEST



3 ADERIGE KABEL MET GEAARDE GELEIDER  
IN CONTACT MET METALEN OMHULLING  
Kas OF EMC KABEL



NOODVERLICHTING



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AWTG Zuidrand  
Legenda en Opmerkingen

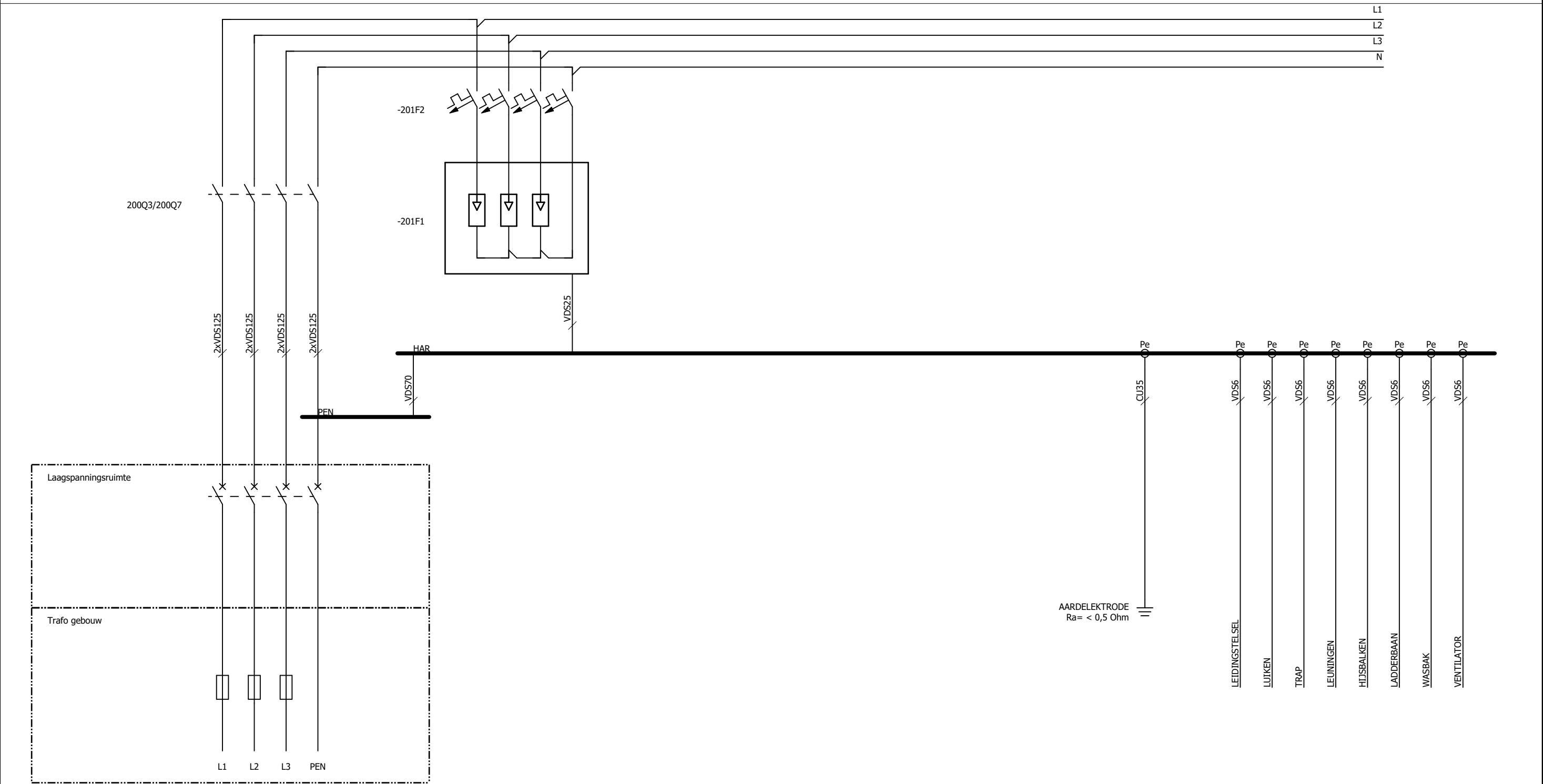
Dwight Bruno

AS BUILT 11-04-2018

A3

NV-080-00023

011



HOOFDVOEDING  
ENERGIE BEDRIJF

Binnenkomende voeding  
TN-CS  
400KVA/630A 50Hz

Er word een PEN aangeleverd en een zuivere AARDE geslagen,  
deze worden aangesloten op de HAR in de kast.  
Vanuit de HAR worden de instalatie geaard  
en metalen delen vereffend.



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AWTG Zuidrand  
Grondschem

Dwight Bruno

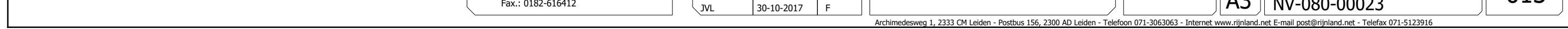
AS BUILT 11-04-2018

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012

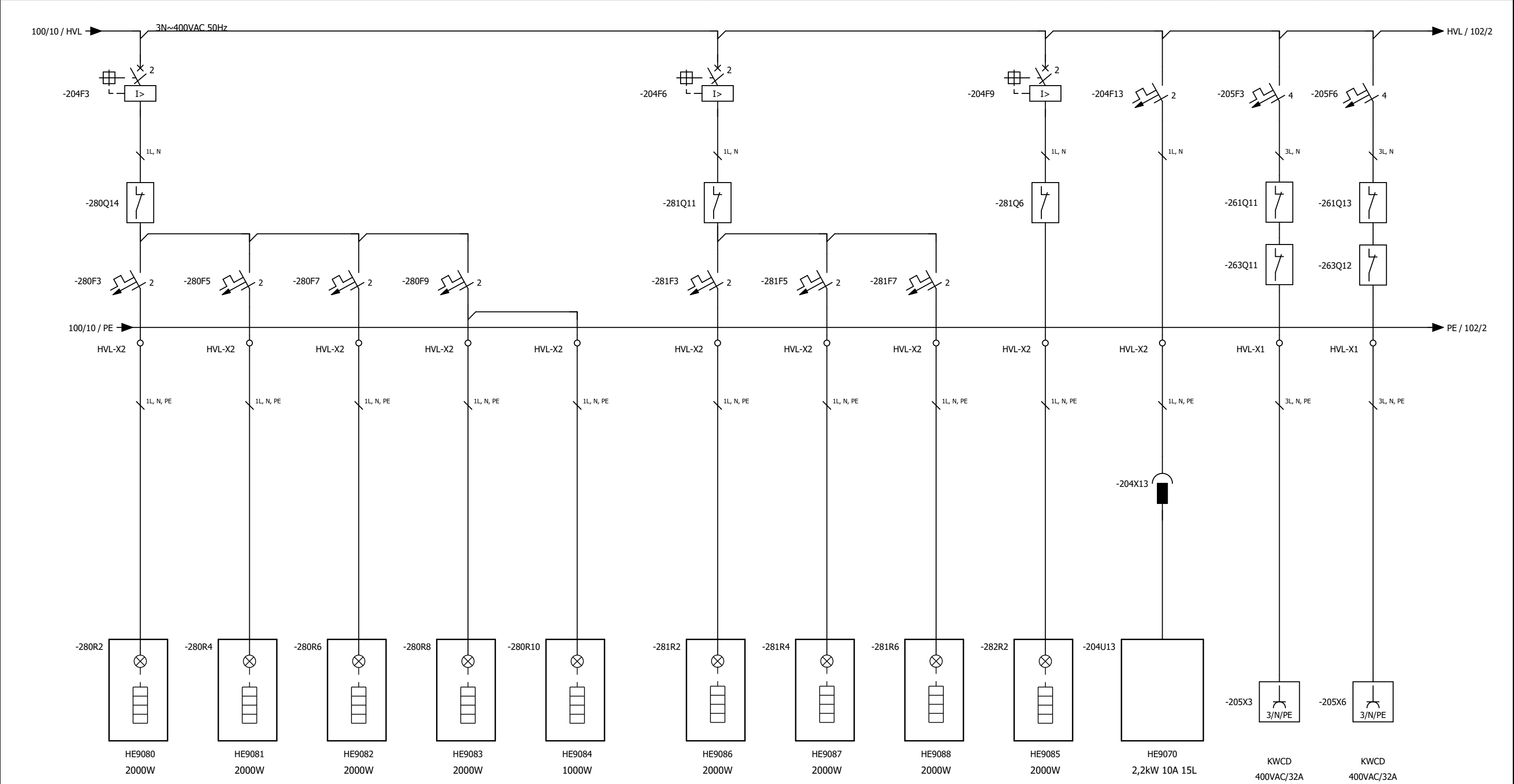
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|---|---|---|--------------|---|---|---|------------------------|---|----|---------------|---------|------------|--------------|----|
| 1 | 2 | 3 | 4            | 5 | 6 | 7 | 8                      | 9 | 10 | 11            | 12      | 13         | 14           | 15 |
|   |   |   | VERWARMING   |   |   |   | VERWARMING             |   |    | VERWARMING    | CLOSEUP | KRACHT WCD | KRACHT WCD   |    |
|   |   |   | POMPENKELDER |   |   |   | GEURBEHANDELINGSRUIMTE |   |    | SCHAKELRUIMTE | BOILER  | GEURBEHAN. | POMPENKELDER |    |
|   |   |   |              |   |   |   |                        |   |    |               |         | RUIJMTE    |              |    |



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AWTG Zuidrand  
Installatieschema kracht en licht  
HVL-ALG-01

Dwight Bruno

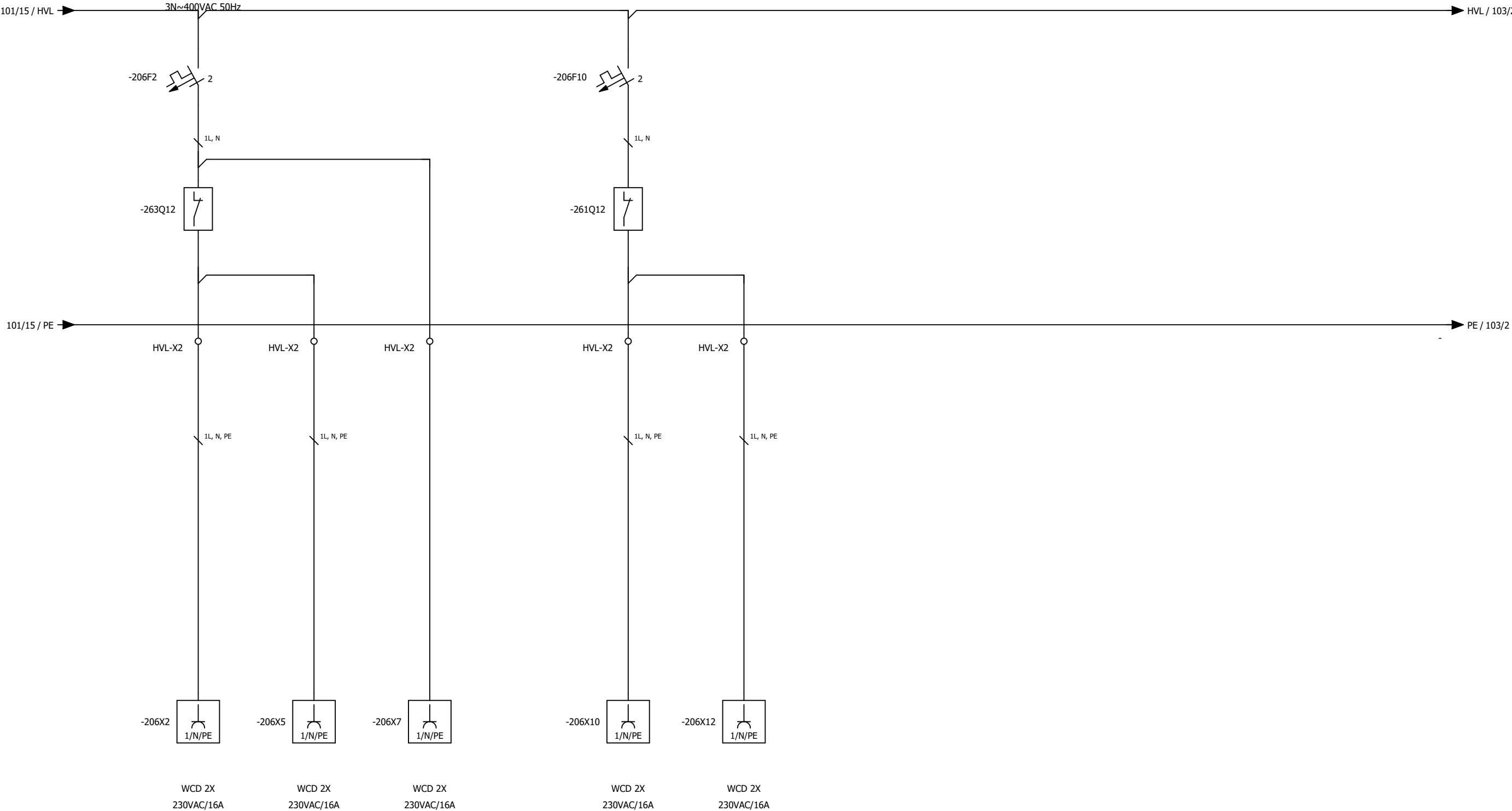
AS BUILT 11-04-2018

A3

NV-080-00023

101

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|---|---------|------------------|-----------------|---------------|---|------------|--------|---|----|----|----|----|----|----|
| 1 | 2       | 3                | 4               | 5             | 6 | 7          | 8      | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   | VOEDING | WCD              | WCD             | WCD           |   | WCD        | WCD    |   |    |    |    |    |    |    |
|   | HVL     | GEURBEHANDELINGS | TOEGANGSDEUR    | SCHAKELRUIMTE |   | POMPKELDER | ENTREE |   |    |    |    |    |    |    |
|   |         | RUMTE            | GEURBEHANDELING |               |   |            |        |   |    |    |    |    |    |    |





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AWTG Zuidrand  
Installatieschema kracht en licht  
HVL-ALG-01

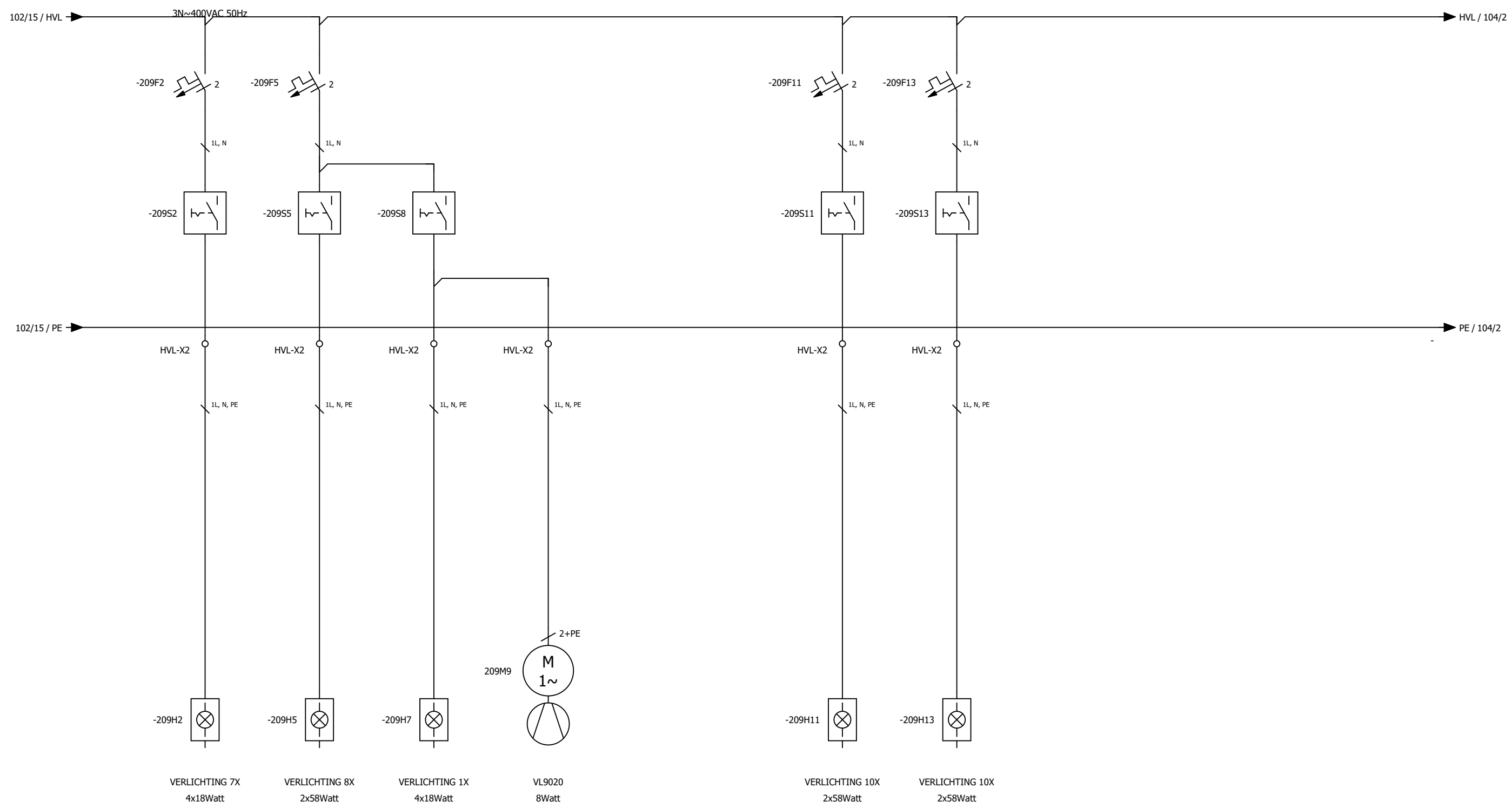
Dwight BrunoAS BUILT 11-04-2018

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102

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| 1 | 2 | 3             | 4               | 5           | 6          | 7 | 8 | 9           | 10          | 11 | 12 | 13 | 14 | 15 |
|   |   | VERLICHTING   | VERLICHTING     | VERLICHTING | VENTILATIE |   |   | VERLICHTING | VERLICHTING |    |    |    |    |    |
|   |   | SCHAKELRUIMTE | GEURBEHANDELING | TOILET      | TOILET     |   |   | POMPKELDER  | POMPKELDER  |    |    |    |    |    |
|   |   |               |                 |             | VL9020     |   |   |             |             |    |    |    |    |    |





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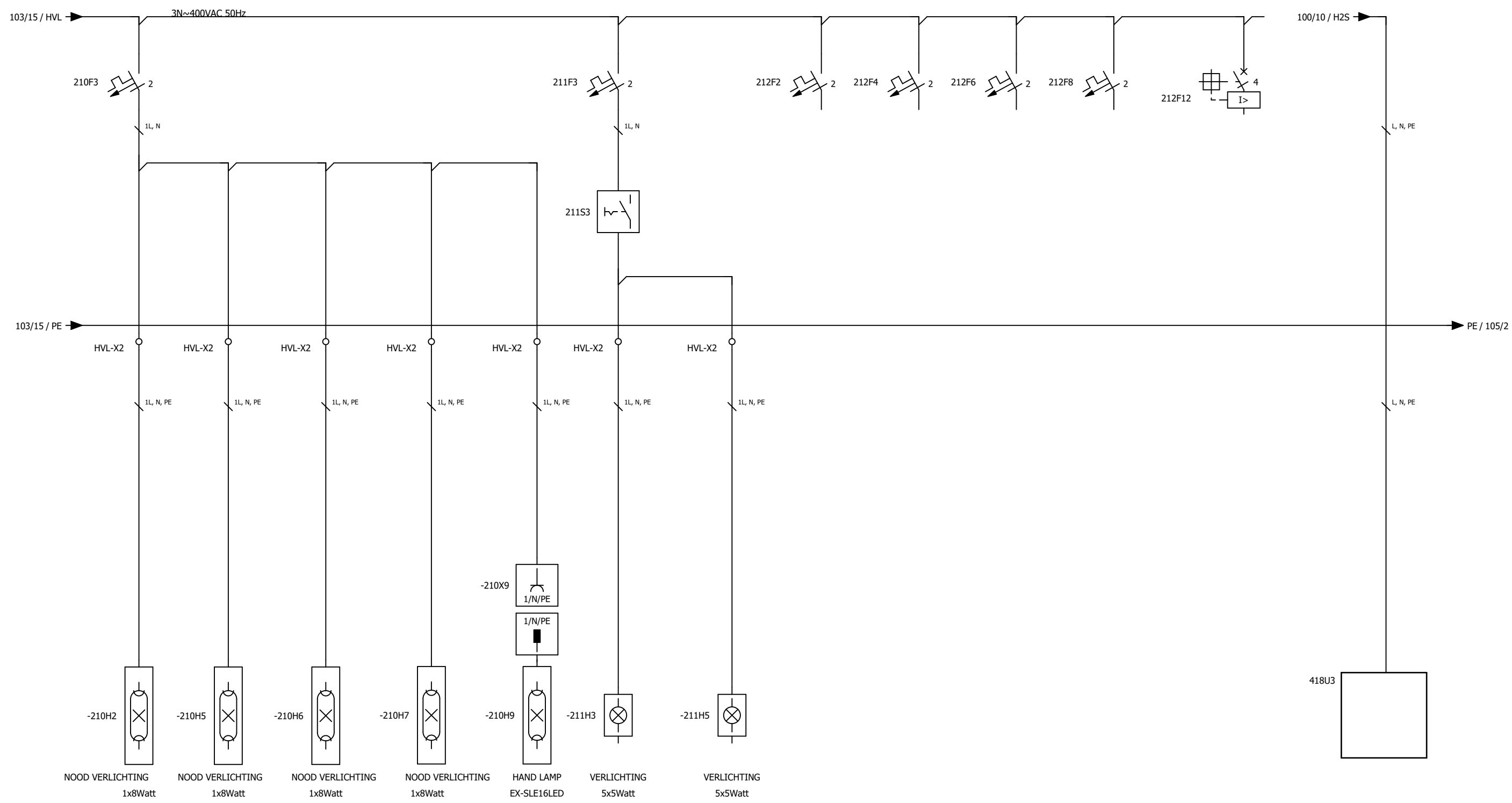
AWTG Zuidrand  
Installatieschema kracht en licht  
HVL-ALG-01

Dwight BrunoAS BUILT 11-04-2018

A3NV-080-00023

103

|   |               |   |                 |              |          |             |   |   |    |    |    |    |        |     |
|---|---------------|---|-----------------|--------------|----------|-------------|---|---|----|----|----|----|--------|-----|
| 1 | 2             | 3 | 4               | 5            | 6        | 7           | 8 | 9 | 10 | 11 | 12 | 13 | 14     | 15  |
|   | NOOD          |   | NOOD            | NOOD         | HANDLAMP | GROND       |   |   |    |    |    |    |        |     |
|   | VERLICHTING   |   | VERLICHTING     | VERLICHTING  | MET ACCU | VERLICHTING |   |   |    |    |    |    |        | H2S |
|   | SCHAKELRUIMTE |   | GEURBEH. RUIMTE | POMPENKELDER | Z_0410   |             |   |   |    |    |    |    | METING |     |





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AWTG Zuidrand  
Installatieschema kracht en licht  
HVL-ALG-01

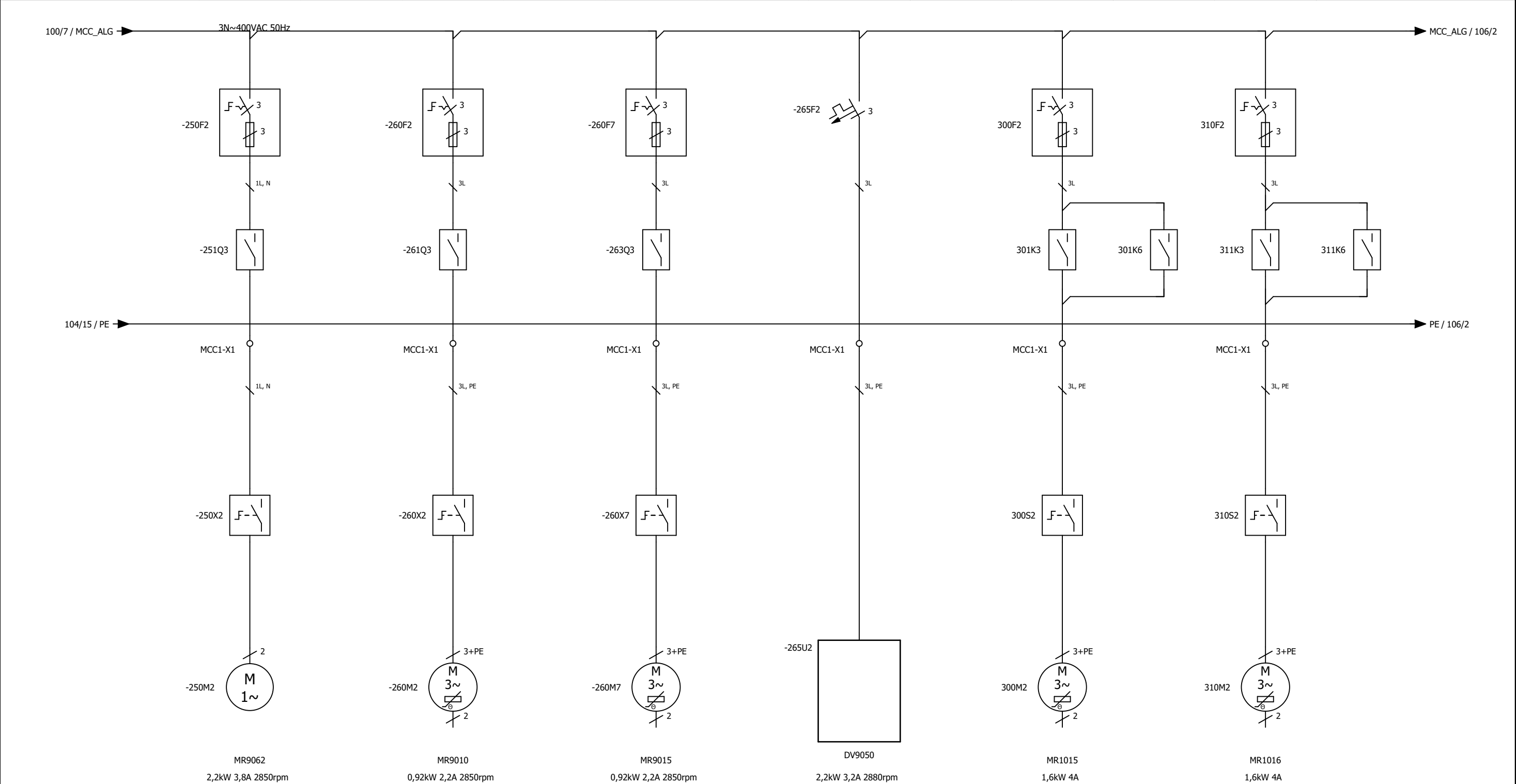
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104

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|---|---|----------------|---|----------|---|----------|---|-----------------|----|-----------|----|-----------|----|----|
| 1 | 2 | 3              | 4 | 5        | 6 | 7        | 8 | 9               | 10 | 11        | 12 | 13        | 14 | 15 |
|   |   | PERCOLAAT POMP |   | LENSPOMP |   | LENSPOMP |   | DRUKVERHOGINGS- |    | AFSLUITER |    | AFSLUITER |    |    |
|   |   | P_9062         |   | P_9010   |   | P_9015   |   | INSTALLATIE     |    | MV1015    |    | MV1016    |    |    |
|   |   |                |   |          |   |          |   | DV9050          |    |           |    |           |    |    |





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**Rijnland**

AWTG Zuidrand  
Installatieschema verbruikers algemeen  
MCC-ALG-01/02

Dwight BrunoAS BUILT 11-04-2018

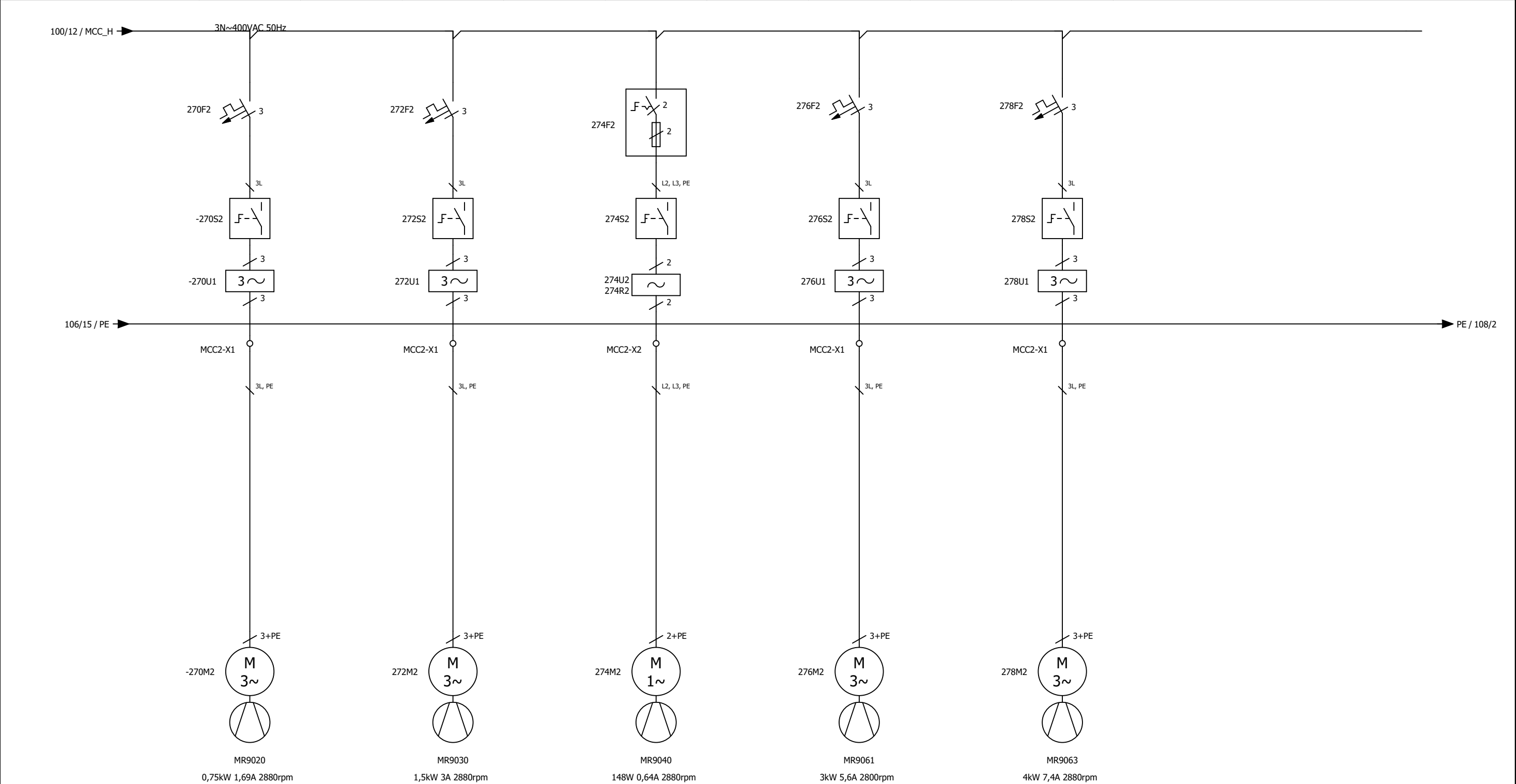
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NV-080-00023

105



|   |   |               |   |                 |   |               |   |            |    |            |    |    |    |    |
|---|---|---------------|---|-----------------|---|---------------|---|------------|----|------------|----|----|----|----|
| 1 | 2 | 3             | 4 | 5               | 6 | 7             | 8 | 9          | 10 | 11         | 12 | 13 | 14 | 15 |
|   |   | BUISENTILATOR |   | VENTILATOR      |   | VENTILATOR    |   | VENTILATOR |    | VENTILATOR |    |    |    |    |
|   |   | POMPEKELDER   |   | GEURBEH. RUIMTE |   | SCHAKELRUIMTE |   | LAVAFILTER |    | KOOLFILTER |    |    |    |    |
|   |   | VL9020        |   | VL9030          |   | VL9040        |   | VL9061     |    | VL9063     |    |    |    |    |





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AWTG Zuidrand  
Installatieschema vuilwaterpompen  
MCC-ALG-02

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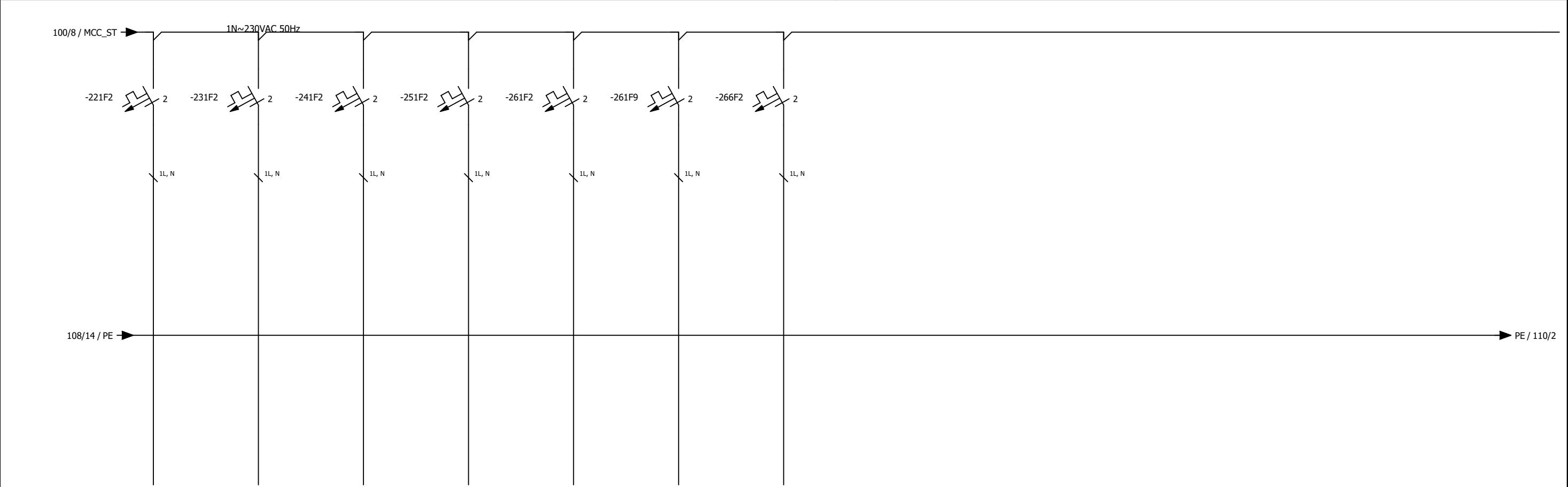
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NV-080-00023

107



|   |             |             |             |               |             |             |             |   |    |    |    |    |    |    |
|---|-------------|-------------|-------------|---------------|-------------|-------------|-------------|---|----|----|----|----|----|----|
| 1 | 2           | 3           | 4           | 5             | 6           | 7           | 8           | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   | STUURSTROOM | STUURSTROOM | STUURSTROOM | STUURSTROOM   | STUURSTROOM | STUURSTROOM | STUURSTROOM |   |    |    |    |    |    |    |
|   | POMP1       | POMP2       | POMP3       | PERCOLAATPOMP | LENSPOMP    | LENSPOMP    | BEVEILIGING |   |    |    |    |    |    |    |
|   | P_1010      | P_1020      | P_1030      | P_9062        | P_9010      | P_9015      |             |   |    |    |    |    |    |    |





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AWTG Zuidrand  
Installatieschema stuurstroom 230VAC werktuigen  
MCC-ALG-01/02/03

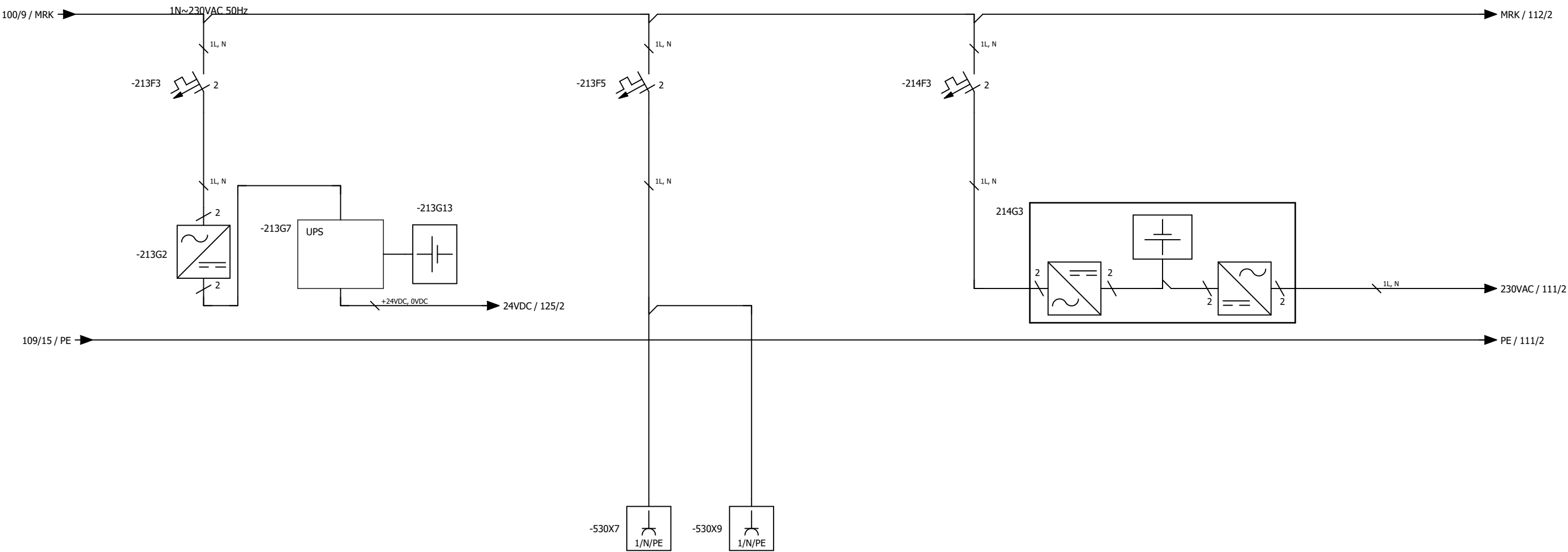
Dwight BrunoAS BUILT 11-04-2018

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NV-080-00023

109

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|---|---|---------|-----|----------|---------|-------------|----------|---|---------|----|-------------|----|----|----|
| 1 | 2 | 3       | 4   | 5        | 6       | 7           | 8        | 9 | 10      | 11 | 12          | 13 | 14 | 15 |
|   |   |         |     |          | VOEDING |             |          |   | VOEDING |    | UPS         |    |    |    |
|   |   | VOEDING |     |          | DIVERSE | VOEDING     | VOEDING  |   | UPS     |    | ACCU MODULE |    |    |    |
|   |   | 24VDC   | UPS | BATTERIJ | 24VDC   | SERVICE WCD | OCTALARM |   | 230VAC  |    |             |    |    |    |



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AWTG Zuidrand  
Installatieschema stuurstroom diversen  
MRK-ALG-01

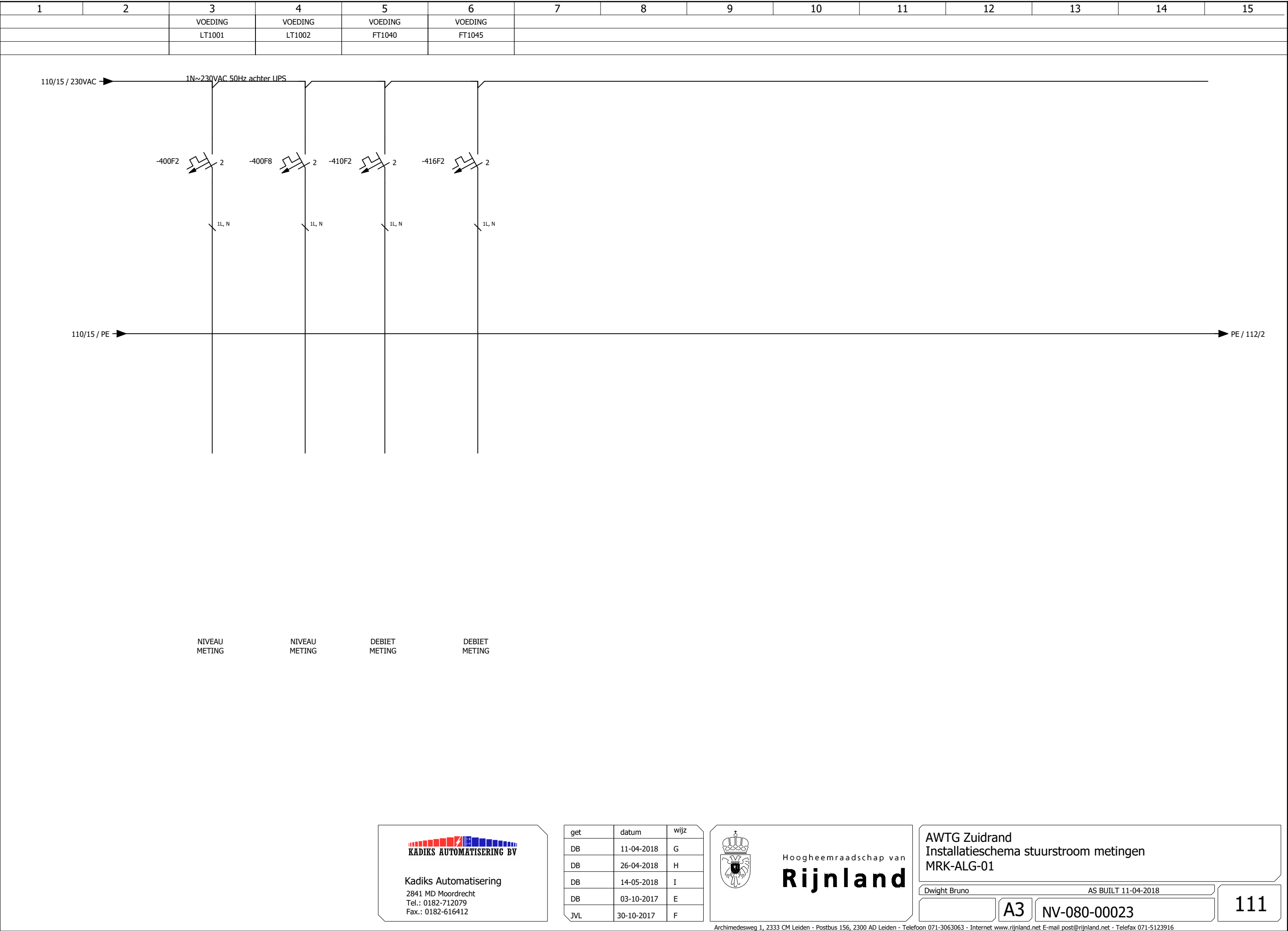
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Hoogheemraadschap van  
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AWTG Zuidrand  
Installatieschema stuurstroom metingen  
MRK-ALG-01

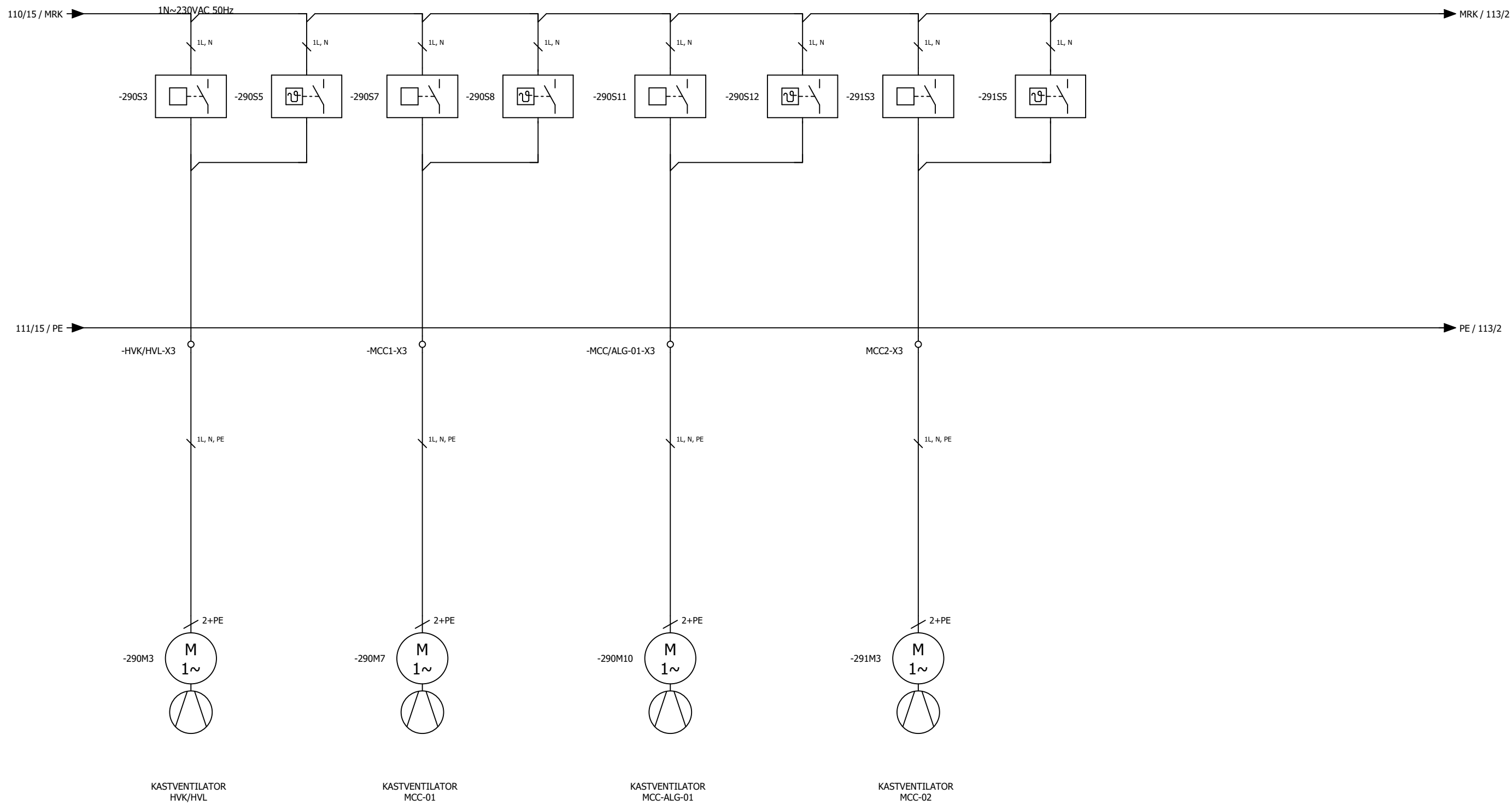
Dwight BrunoAS BUILT 11-04-2018

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111

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|---|---|----------------|---|----------------|---|----------------|---|----------------|----|----|----|----|----|----|
| 1 | 2 | 3              | 4 | 5              | 6 | 7              | 8 | 9              | 10 | 11 | 12 | 13 | 14 | 15 |
|   |   | KASTVENTILATOR |   | KASTVENTILATOR |   | KASTVENTILATOR |   | KASTVENTILATOR |    |    |    |    |    |    |
|   |   | HVK/HVL        |   | MCC-01         |   | MCC/ALG-01     |   | MCC-02         |    |    |    |    |    |    |
|   |   |                |   |                |   |                |   |                |    |    |    |    |    |    |





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Hoogheemraadschap van  
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AWTG Zuidrand  
Installatieschema stuurstroom diversen  
HVL/MRK/MCC-ALG-01/02/03

Dwight Bruno

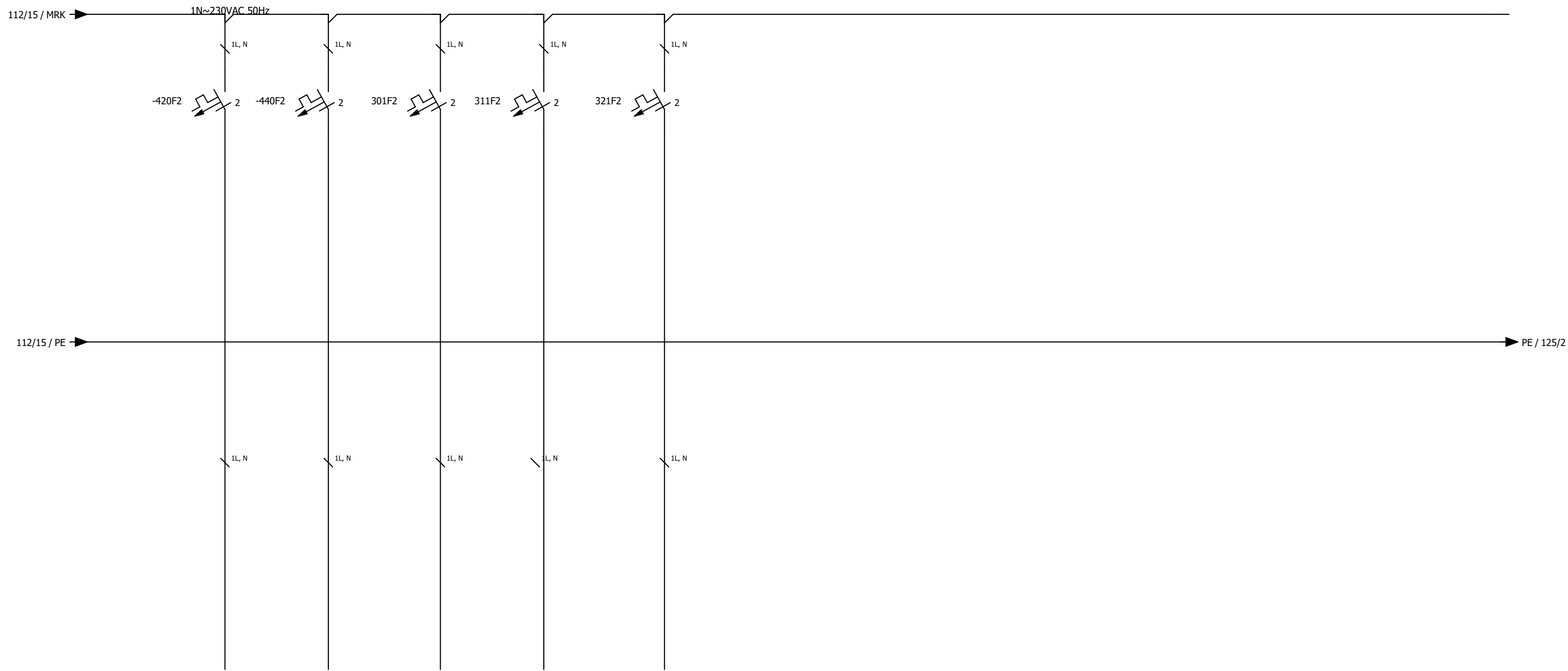
AS BUILT 11-04-2018

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NV-080-00023

112

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| 1 | 2 | 3           | 4           | 5           | 6           | 7           | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   |   | STUURSTROOM | STUURSTROOM | STUURSTROOM | STUURSTROOM | STUURSTROOM |   |   |    |    |    |    |    |    |
|   |   | SEMI-AUTO   | ALGEMEEN    | AFSLUITER   | AFSLUITER   | AFSLUITER   |   |   |    |    |    |    |    |    |
|   |   |             |             | MV1015      | MV1016      | MV9068      |   |   |    |    |    |    |    |    |





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AWTG Zuidrand  
Installatieschema stuurstroom diversen  
MRK-ALG-01

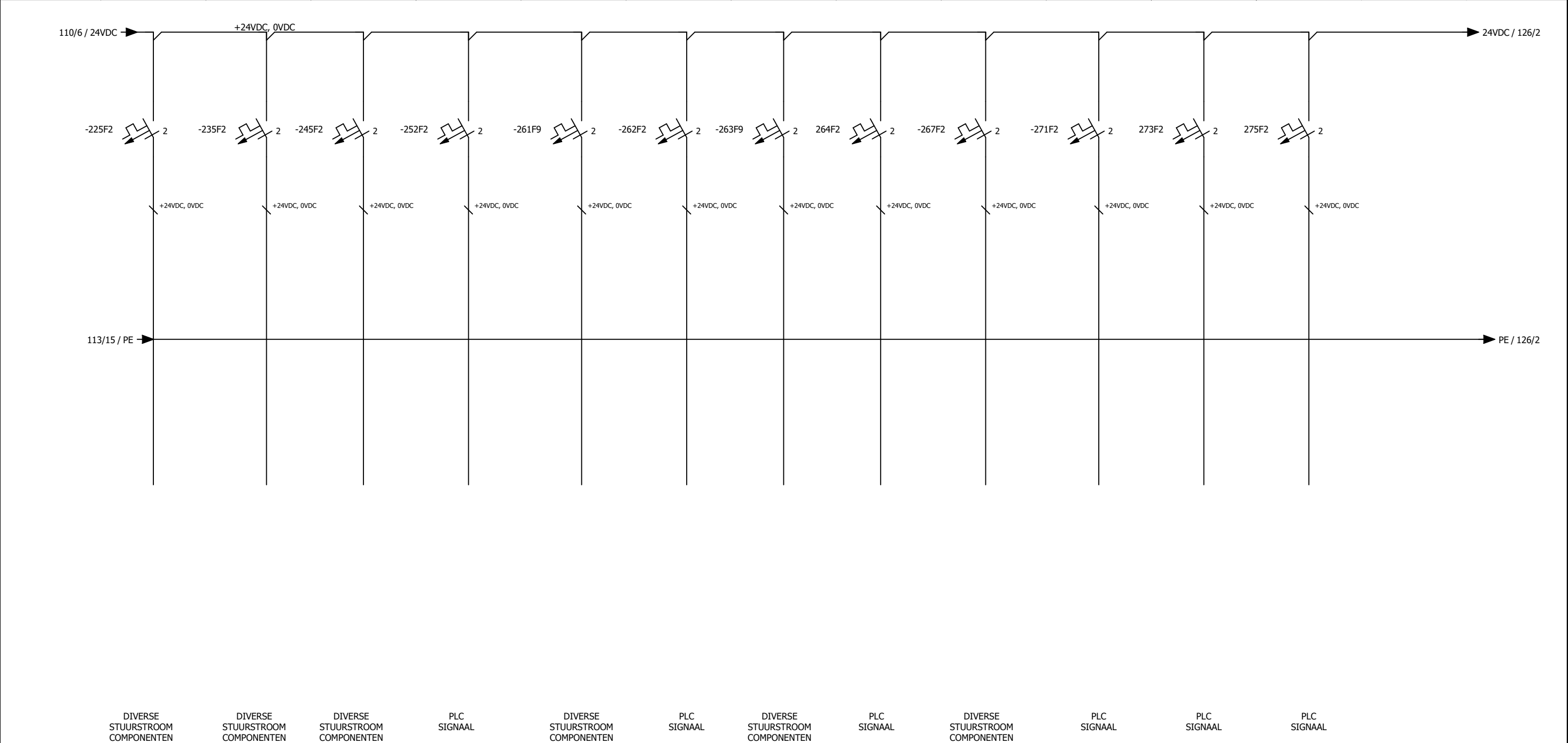
Dwight BrunoAS BUILT 11-04-2018

A3

NV-080-00023

113

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| 1 | 2           | 3           | 4           | 5             | 6           | 7          | 8           | 9          | 10          | 11         | 12         | 13         | 14 | 15 |
|   | STUURSTROOM | STUURSTROOM | STUURSTROOM | PERCOLAATPOMP | STUURSTROOM | LENSPOMP 1 | STUURSTROOM | LENSPOMP 2 | STUURSTROOM | VENTILATOR | VENTILATOR | VENTILATOR |    |    |
|   | POMP1       | POMP2       | POMP3       | PLC           | LENSPOMP 1  | PLC        | LENSPOMP 2  | PLC        | DRUKVERHOOG | PLC        | PLC        | PLC        |    |    |





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Hoogheemraadschap van  
**Rijnland**

AWTG Zuidrand  
Installatieschema stuurstroom 24VDC meet & regel  
MRK-ALG-01

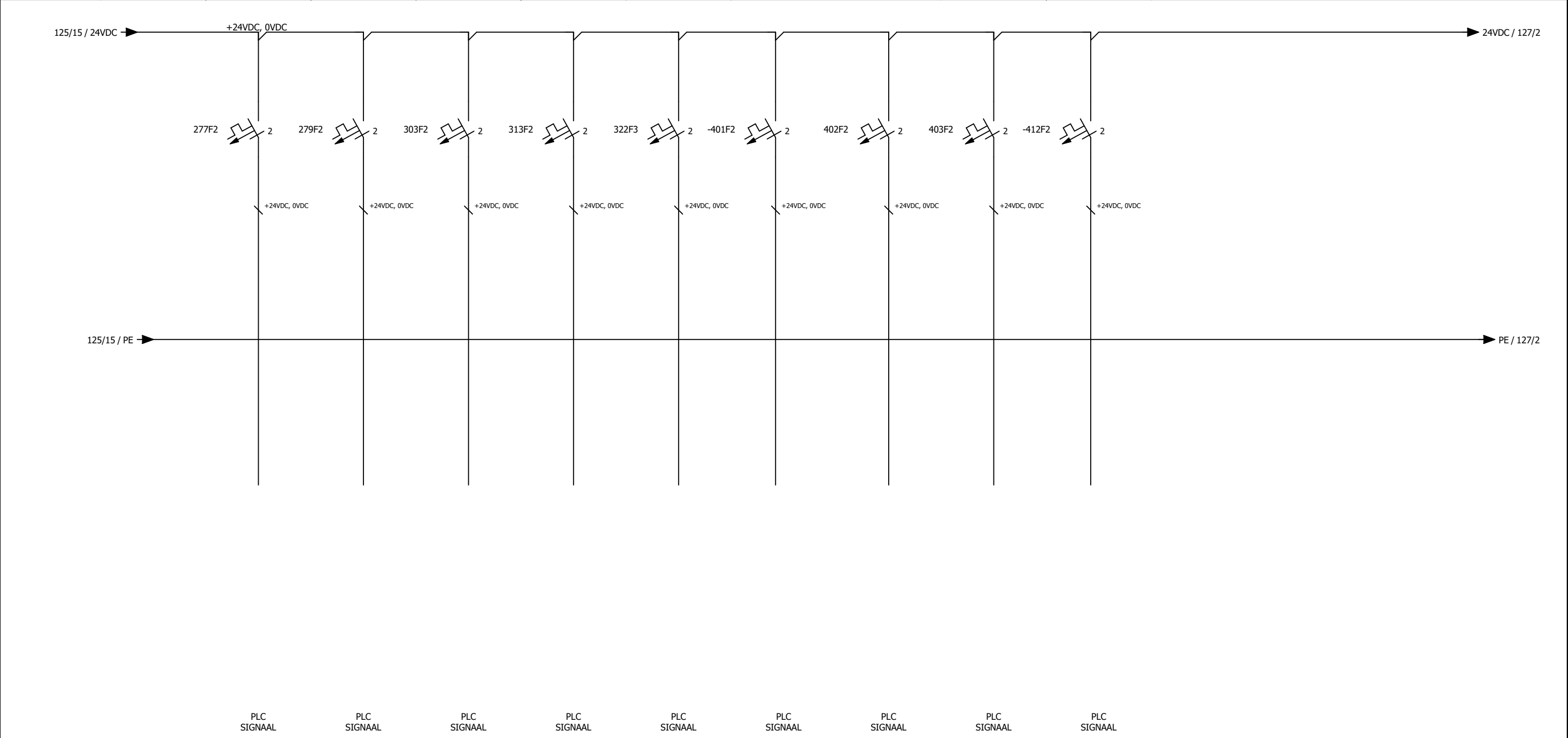
Dwight BrunoAS BUILT 11-04-2018

A3

NV-080-00023

125

|   |   |            |            |          |          |                |        |                 |             |         |    |    |    |    |
|---|---|------------|------------|----------|----------|----------------|--------|-----------------|-------------|---------|----|----|----|----|
| 1 | 2 | 3          | 4          | 5        | 6        | 7              | 8      | 9               | 10          | 11      | 12 | 13 | 14 | 15 |
|   |   |            |            |          |          |                |        |                 | PERSLEIDING |         |    |    |    |    |
|   |   | VENTILATOR | VENTILATOR | AFLUITER | AFLUITER | MAGN. AFLUITER | NIVEAU | BYPASS AFLUITER | AFLUITER    | VOEDING |    |    |    |    |
|   |   | PLC        | PLC        | PLC      | PLC      | PLC            | PLC    | PLC             | PLC         | PT1041  |    |    |    |    |





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| DB  | 26-04-2018 | H    |
| DB  | 14-05-2018 | I    |
| DB  | 03-10-2017 | E    |
| JVL | 30-10-2017 | F    |



Hoogheemraadschap van  
**Rijnland**

AWTG Zuidrand  
Installatieschema stuurstroom 24VDC meet & regel  
MRK-ALG-01

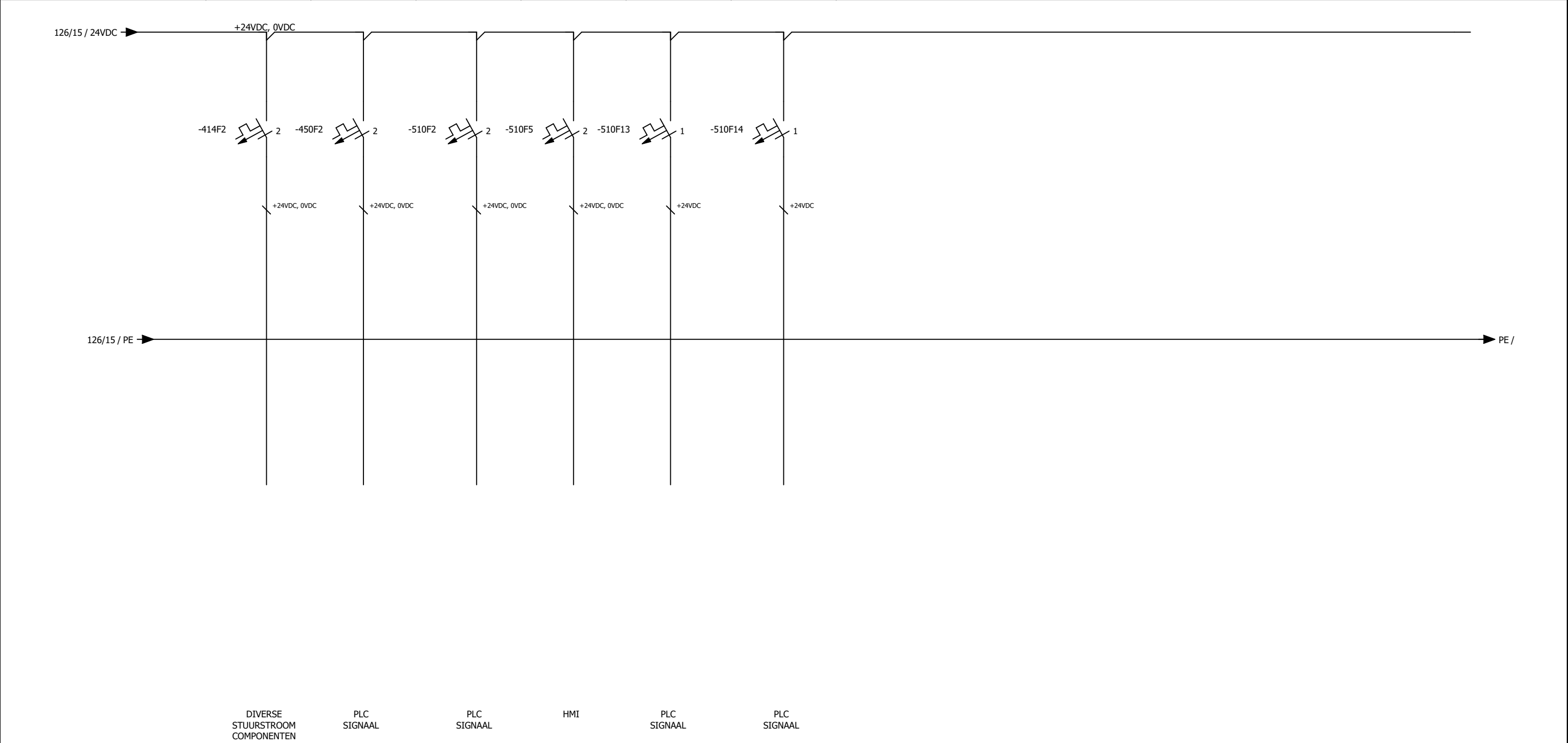
Dwight BrunoAS BUILT 11-04-2018

A3

NV-080-00023

126

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|---|---|---------|-------------|---------|---------|---------|---------|---|----|----|----|----|----|----|
| 1 | 2 | 3       | 4           | 5       | 6       | 7       | 8       | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   |   | VOEDING | STUURSTROOM | VOEDING | VOEDING | VOEDING | VOEDING |   |    |    |    |    |    |    |
|   |   | PT1042  | PLC-ALG     | PLC     | HMI     | DI      | DI      |   |    |    |    |    |    |    |



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| JVL | 30-10-2017 | F    |

Hoogheemraadschap van  
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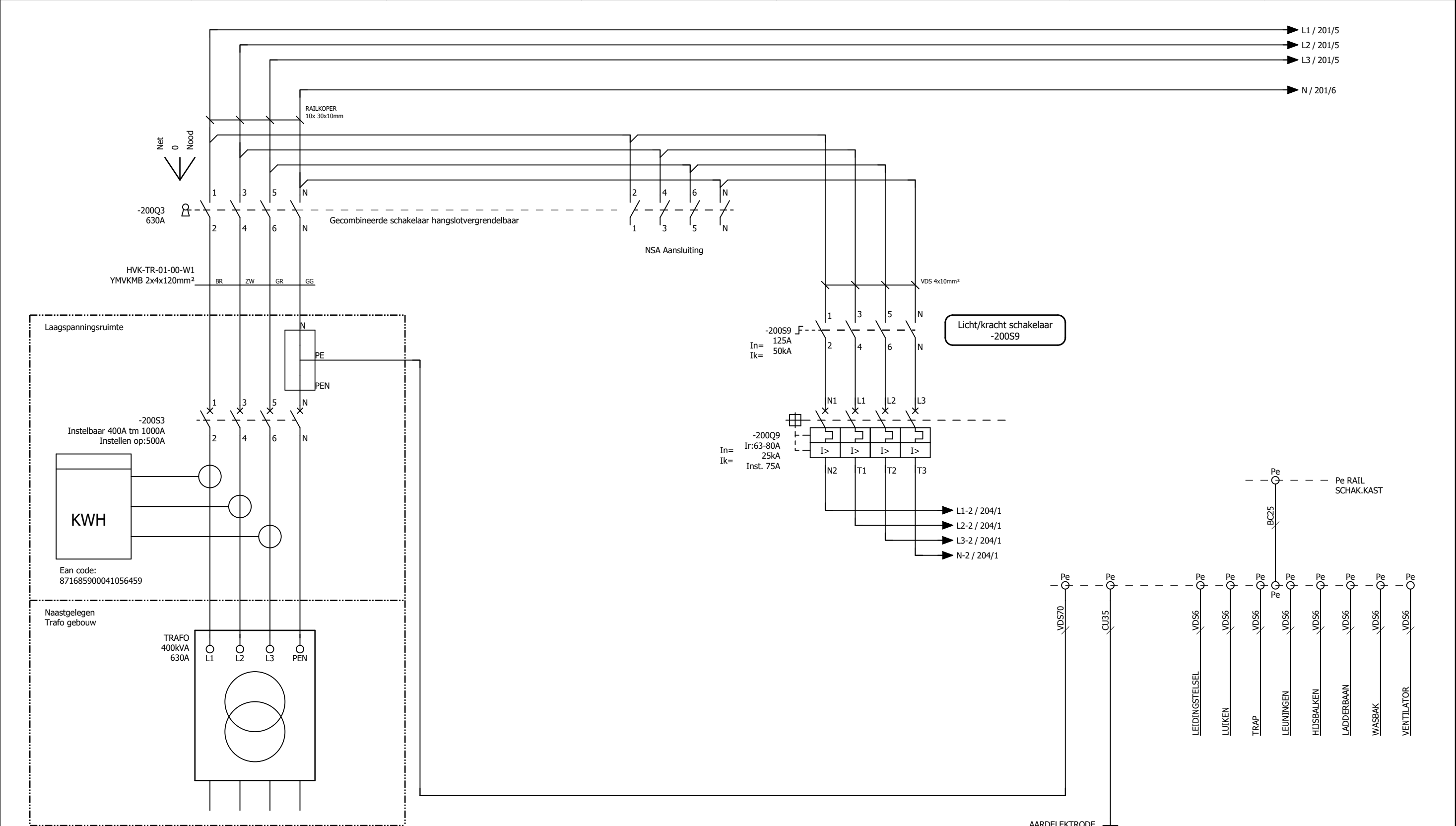
AWTG Zuidrand  
Installatieschema stuurstroom 24VDC meet & regel  
MRK-ALG-01

Dwight BrunoAS BUILT 11-04-2018

A3NV-080-00023

127

|                         |   |                 |   |   |                 |   |   |                                |    |    |                    |    |    |    |
|-------------------------|---|-----------------|---|---|-----------------|---|---|--------------------------------|----|----|--------------------|----|----|----|
| 1                       | 2 | 3               | 4 | 5 | 6               | 7 | 8 | 9                              | 10 | 11 | 12                 | 13 | 14 | 15 |
| KWH METING              |   | INKOMENDE       |   |   | INKOMENDE       |   |   | VOEDING                        |    |    | VOEDING            |    |    |    |
| ENERGIEBEDRIJF          |   | NETVOEDING      |   |   | NOODVOEDING     |   |   | VERLICHTING, VERWARMING, WCD'S |    |    | ONDERVERDELING HVK |    |    |    |
| LAAGSPANNINGSDEEL TRAFO |   | 3x400VAC+N/50Hz |   |   | 3x400VAC+N/50Hz |   |   | HVL-ALG                        |    |    |                    |    |    |    |



TOTAAL AANGESLOTEN VERMOGEN: 400kVA  
BEVEILIGING ENERGIEBEDRIJF: 500A  
AARDINGSSTELSEL: TN-CS  
EAN NUMMER: 871685900041056459

Binnenkomende voeding  
TN-CS  
400KVA/630A 50Hz



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Hoogheemraadschap van  
**Rijnland**

AWTG Zuidrand  
Stroomkringschema inkomende hoofdstroom  
Inkomende voeding met PEN-Leiding TN-S stelsel

Dwight Bruno

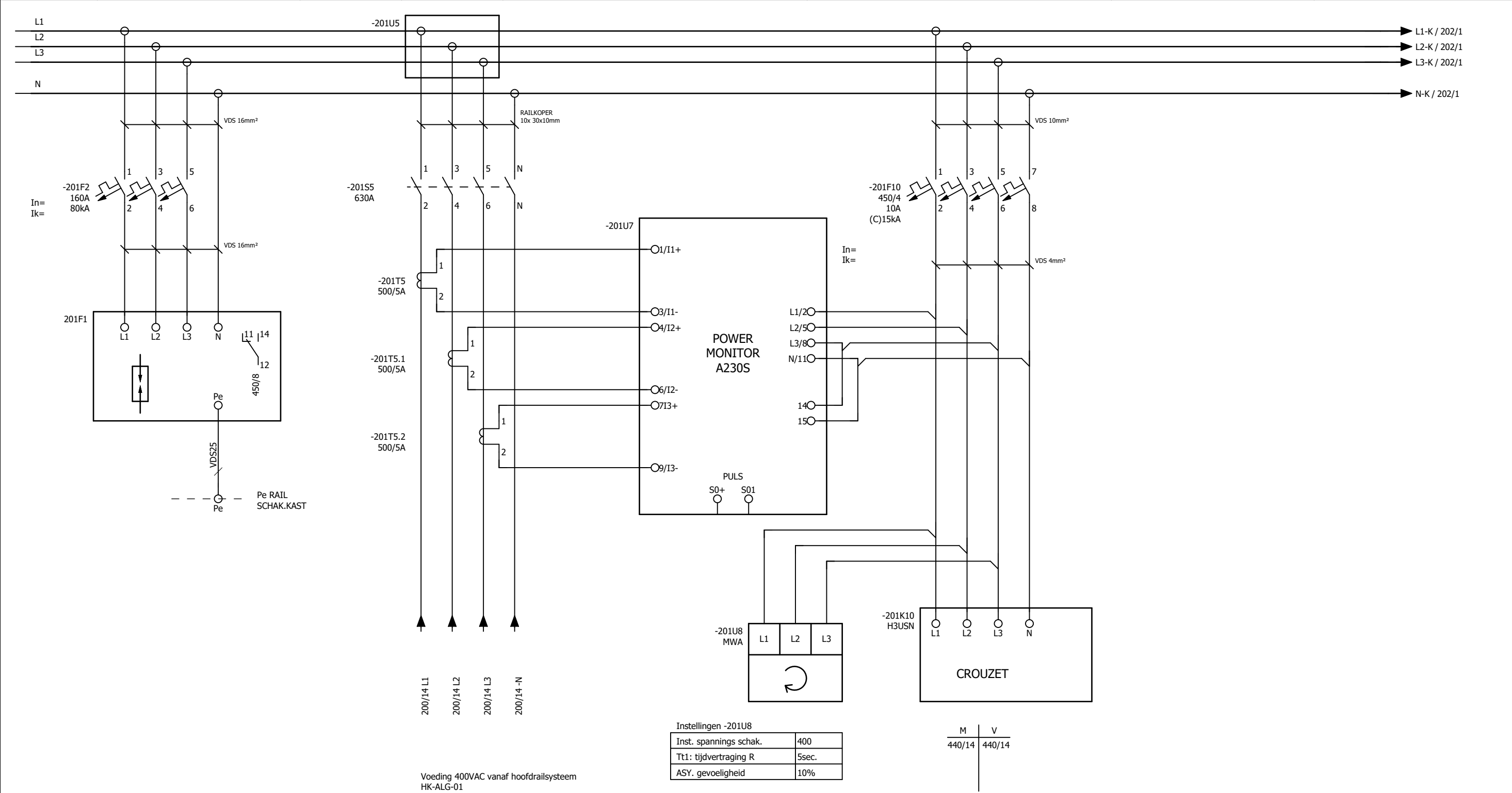
AS BUILT 11-04-2018

A3

NV-080-00023

200

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|---|---------------|---|---|---------------|---------------|---|---|--------------|----|----|----|----|----|----|
| 1 | 2             | 3 | 4 | 5             | 6             | 7 | 8 | 9            | 10 | 11 | 12 | 13 | 14 | 15 |
|   |               |   |   | VOEDING       | POWER MONITOR |   |   |              |    |    |    |    |    |    |
|   | OVERSPANNINGS |   |   | VANUIT HVK    | ALGEMEEN      |   |   | VOEDING      |    |    |    |    |    |    |
|   | BEVEILIGING   |   |   | 3x400VAC/50Hz | ET9092        |   |   | POWERMONITOR |    |    |    |    |    |    |



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Hoogheemraadschap van  
**Rijnland**

AWTG Zuidrand  
Stroomkringschema powermonitor inkomende voeding

Dwight Bruno

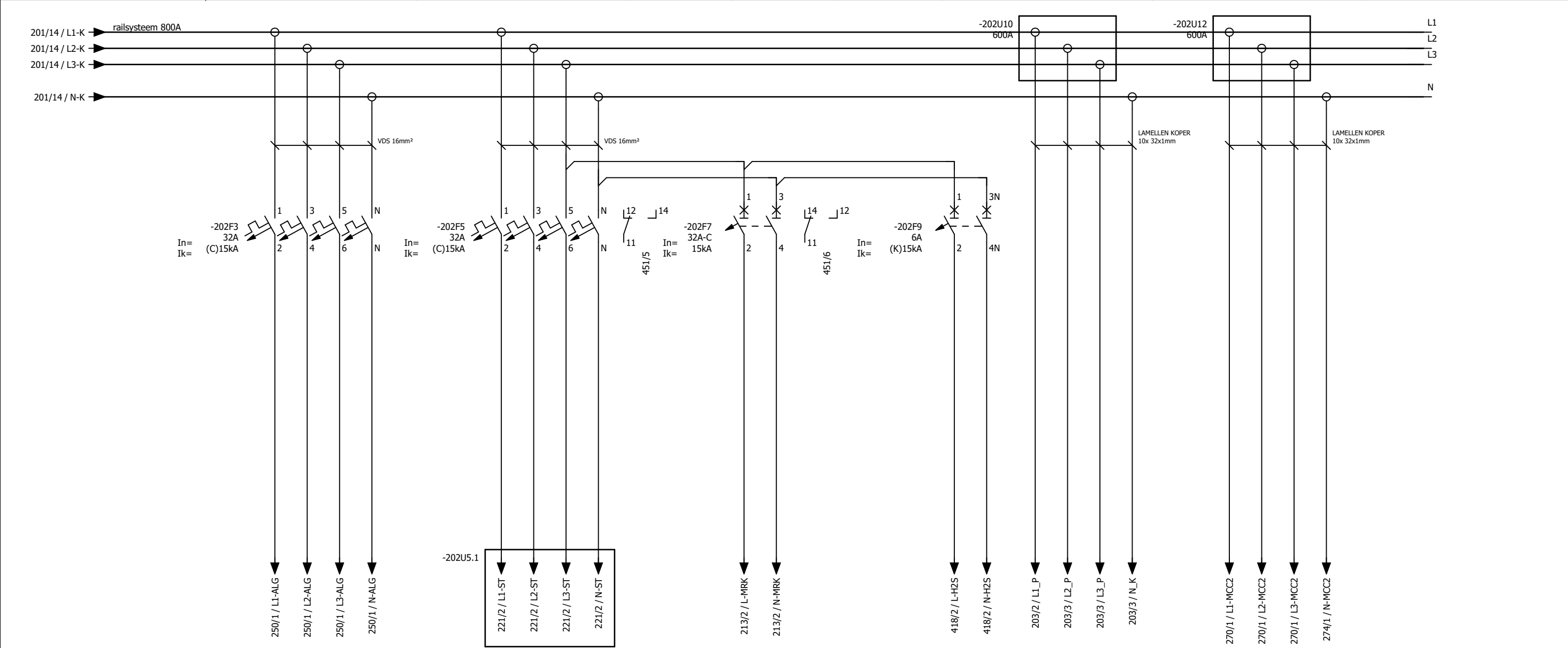
AS BUILT 11-04-2018

A3

NV-080-00023

201

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| 1 | 2 | 3                             | 4 | 5                      | 6 | 7 | 8           | 9           | 10                            | 11 | 12                   | 13 | 14 | 15 |
|   |   | VOEDING                       |   | VOEDING                |   |   | VOEDING     | VOEDING     | VOEDING                       |    | VOEDING              |    |    |    |
|   |   | MCC-01 (algemene hoofdstroom) |   | MCC kast (stuurstroom) |   |   | MRK         | H2S         | MCC kast (pompen hoofdstroom) |    | MCC-02 (hoofdstroom) |    |    |    |
|   |   | 400VAC/50Hz                   |   | 400VAC/50Hz            |   |   | 230VAC/50Hz | 230VAC/50Hz | 400VAC/50Hz                   |    | 400VAC/50Hz          |    |    |    |





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Hoogheemraadschap van  
**Rijnland**

AWTG Zuidrand  
Stroomkringschema hoofdstroom  
Verdeling hoofdstroom

Dwight BrunoAS BUILT 11-04-2018

A3

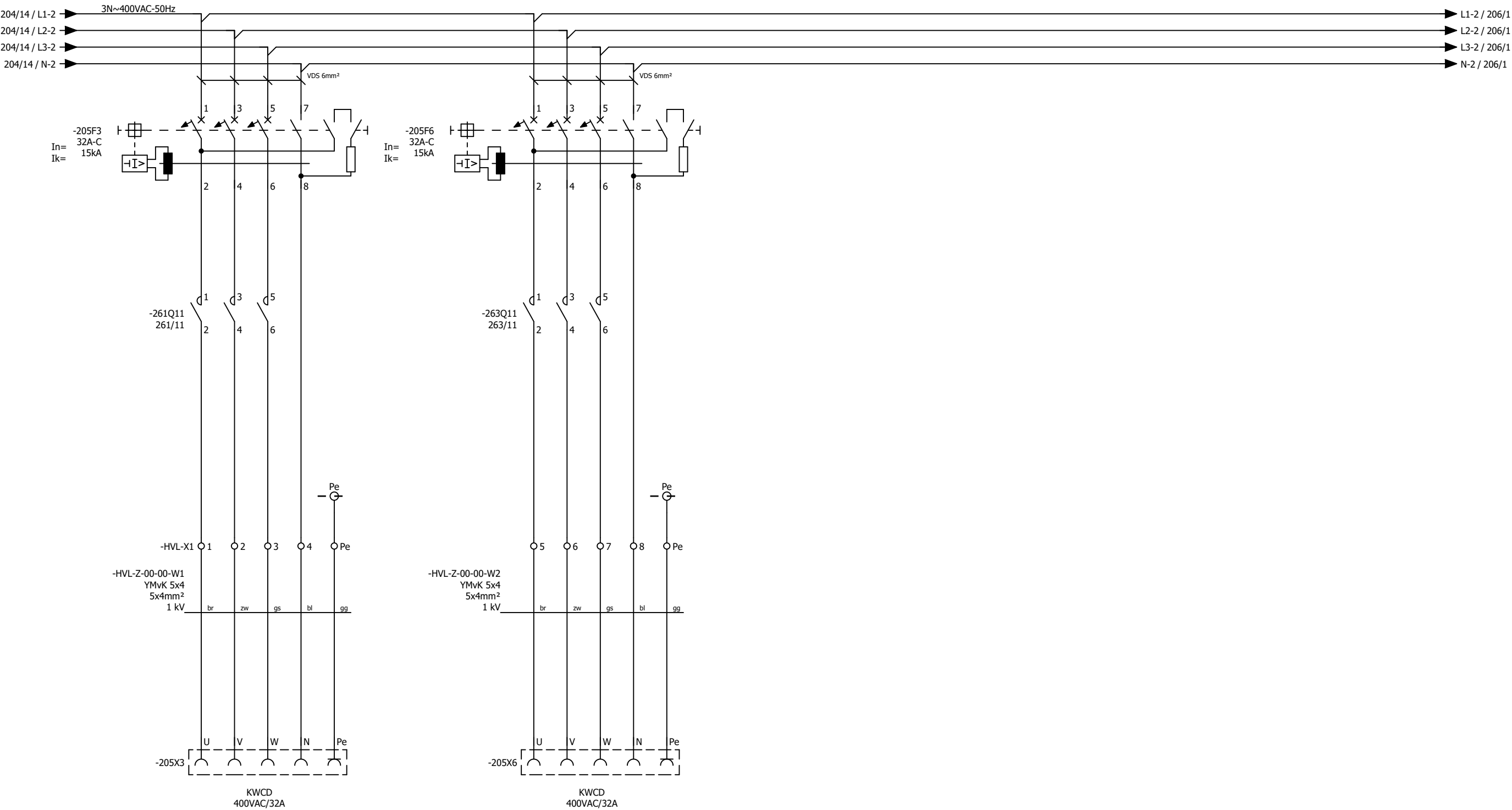
NV-080-00023

202





|                            |   |   |   |                                      |   |   |   |   |    |    |    |    |    |    |
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| 1                          | 2 | 3 | 4 | 5                                    | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| KRACHT WCD<br>POMPENKELDER |   |   |   | KRACHT WCD<br>GEURBEHANDELINGSRUIMTE |   |   |   |   |    |    |    |    |    |    |



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Hoogheemraadschap van  
**Rijnland**

AWTG Zuidrand  
HVL-ALG-01  
Verdeling kracht WCD's

Dwight Bruno

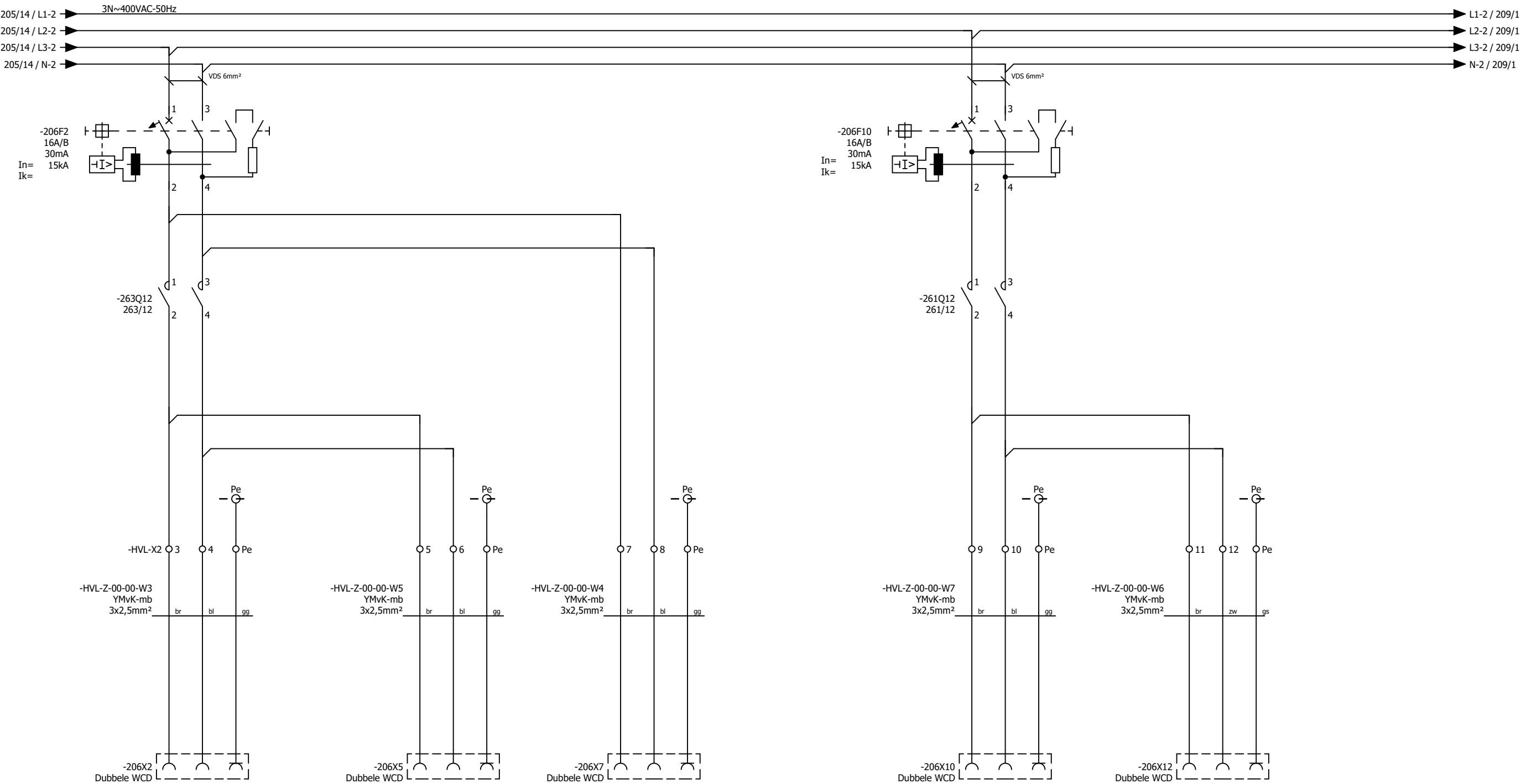
AS BUILT 11-04-2018

A3

NV-080-00023

205

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|---|-----------------------------|---|---|---|------------------------------------|---|---|----------------------|----|----|-------------------|----|---------------|----|
| 1 | 2                           | 3 | 4 | 5 | 6                                  | 7 | 8 | 9                    | 10 | 11 | 12                | 13 | 14            | 15 |
|   | WCD<br>GEURBEHAN.<br>RUIMTE |   |   |   | WCD<br>TOEGANGSDEUR<br>GEURBEHAND. |   |   | WCD<br>SCHAKELRUIMTE |    |    | WCD<br>POMPKELDER |    | WCD<br>ENTREE |    |



LET OPI! BLIJFT ONDER  
SPANNING BIJ UITSCHAKELENDE  
HOOFDSCHAKELAAR KRACHT



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| JVL | 30-10-2017 | F    |



Hoogheemraadschap van  
**Rijnland**

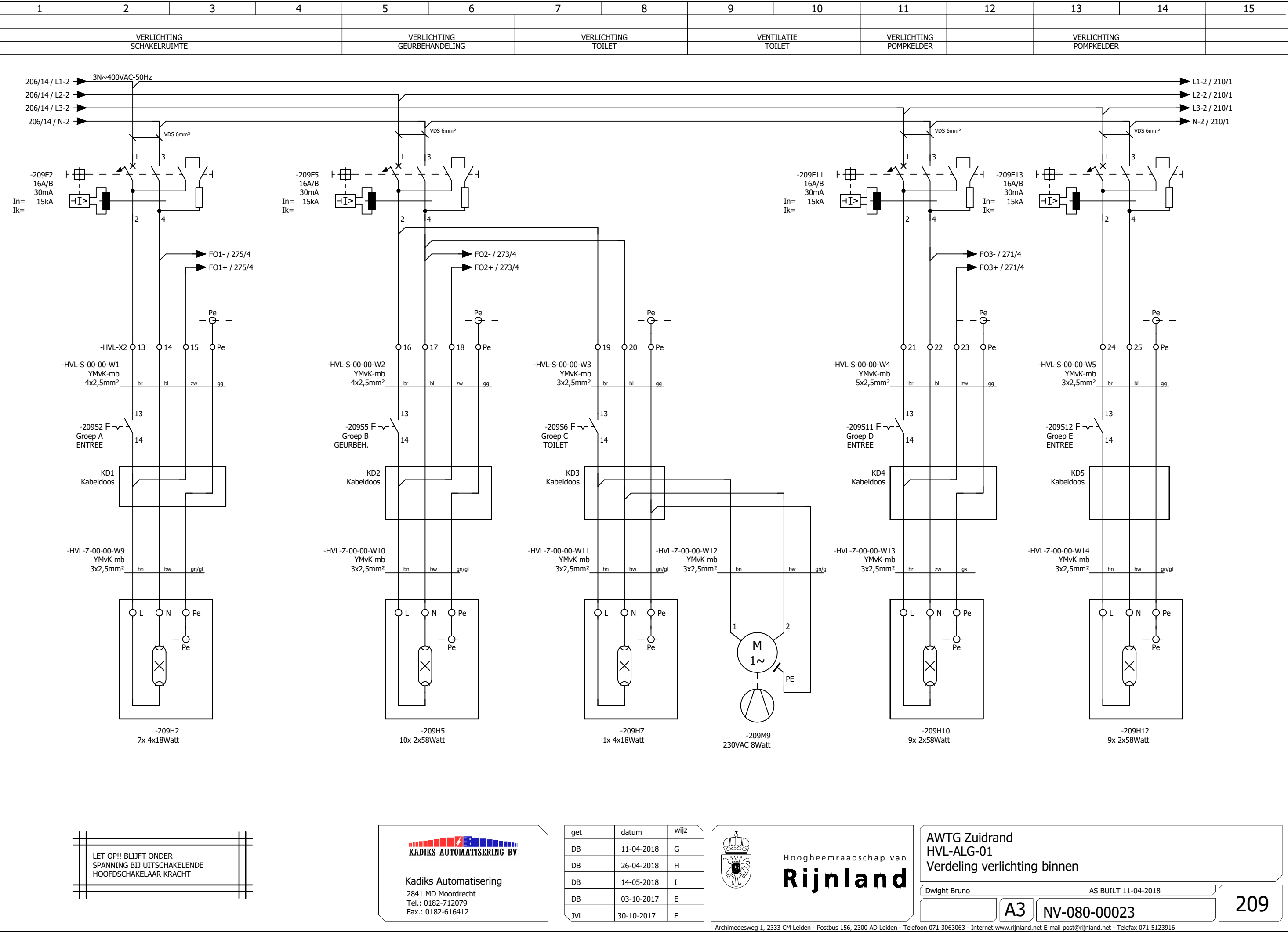
AWTG Zuidrand  
HVL-ALG-01  
Verdeling groepen 230VAC WCD

Dwight BrunoAS BUILT 11-04-2018

A3

NV-080-00023

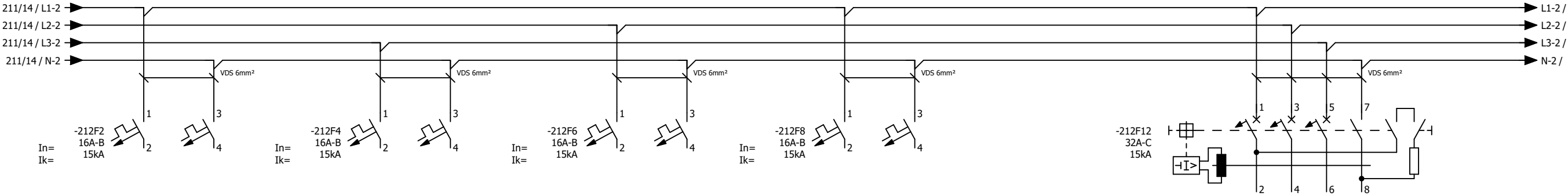
206







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|---|-----------------|---|---|-----------------|---|---|-----------------|---|----|-----------------|----|----|-----------------|----|
| 1 | 2               | 3 | 4 | 5               | 6 | 7 | 8               | 9 | 10 | 11              | 12 | 13 | 14              | 15 |
|   | 230V<br>RESERVE |   |   | 230V<br>RESERVE |   |   | 230V<br>RESERVE |   |    | 230V<br>RESERVE |    |    | 400V<br>RESERVE |    |
|   |                 |   |   |                 |   |   |                 |   |    |                 |    |    |                 |    |



LET OP!! BLIJFT ONDER  
SPANNING BIJ UITSCHAKELENDE  
HOOFDSCHAKELAAR KRACHT

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**Hoogheemraadschap van Rijnland**

AWTG Zuidrand  
HVL-ALG-01  
Reserve groepen

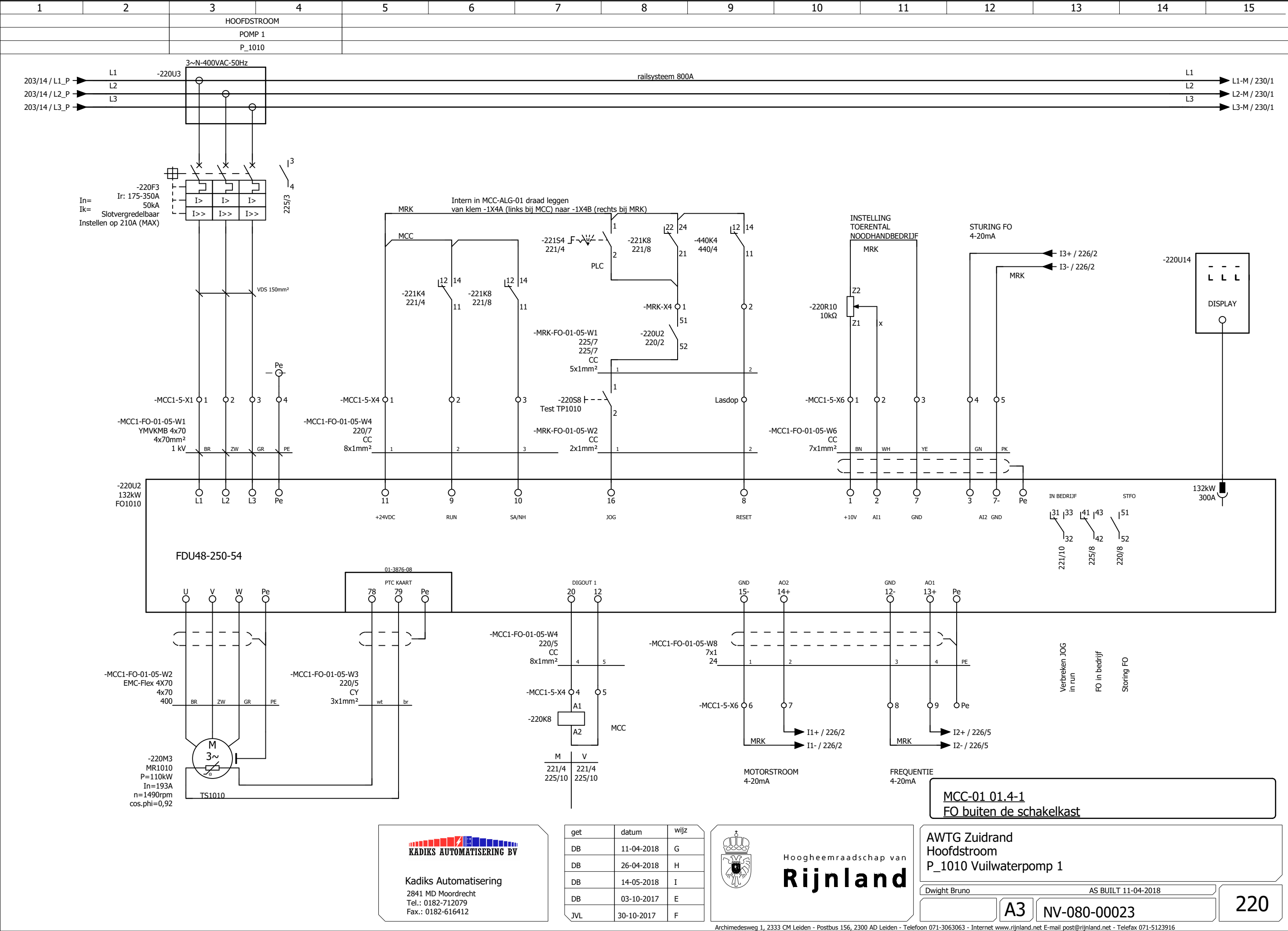
Dwight Bruno AS BUILT 11-04-2018

**A3** NV-080-00023

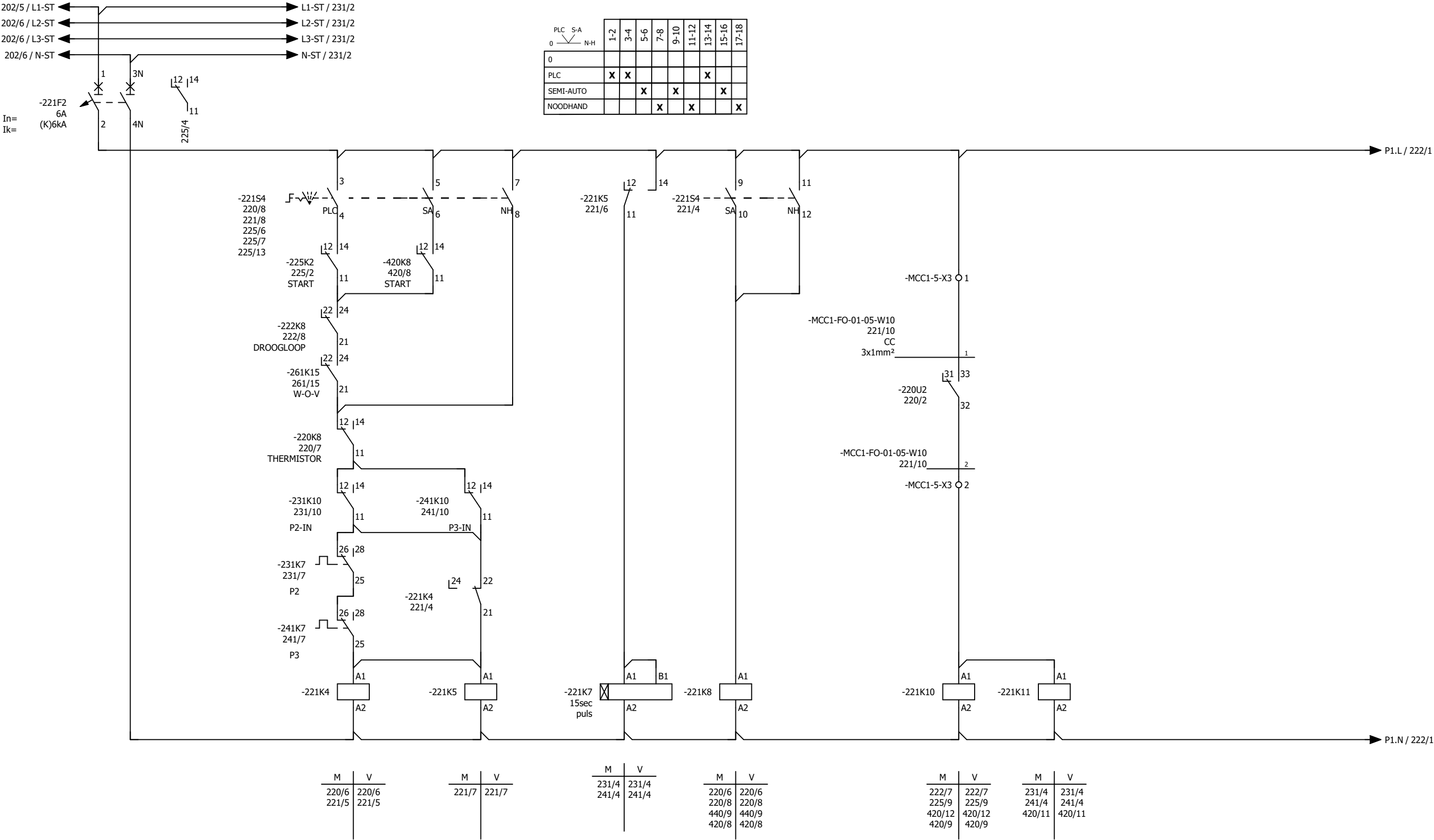
**212**







|   |             |   |            |   |   |         |              |   |            |    |    |    |    |    |
|---|-------------|---|------------|---|---|---------|--------------|---|------------|----|----|----|----|----|
| 1 | 2           | 3 | 4          | 5 | 6 | 7       | 8            | 9 | 10         | 11 | 12 | 13 | 14 | 15 |
|   | STUURSTROOM |   | START/STOP |   |   | STAFFEL | HANDBEDRIJF  |   | FO         |    |    |    |    |    |
|   | POMP        |   | FO         |   |   |         | (SA/NH)      |   | IN BEDRIJF |    |    |    |    |    |
|   | 230VAC/50Hz |   |            |   |   |         | INGESCHAKELD |   |            |    |    |    |    |    |



MCC-01 01.4-2  
Componenten 230vac 24vdc



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Hoogheemraadschap van  
**Rijnland**

AWTG Zuidrand  
Stuurstroom  
P\_1010 Vuilwaterpomp 1

Dwight Bruno

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A3

NV-080-00023

221

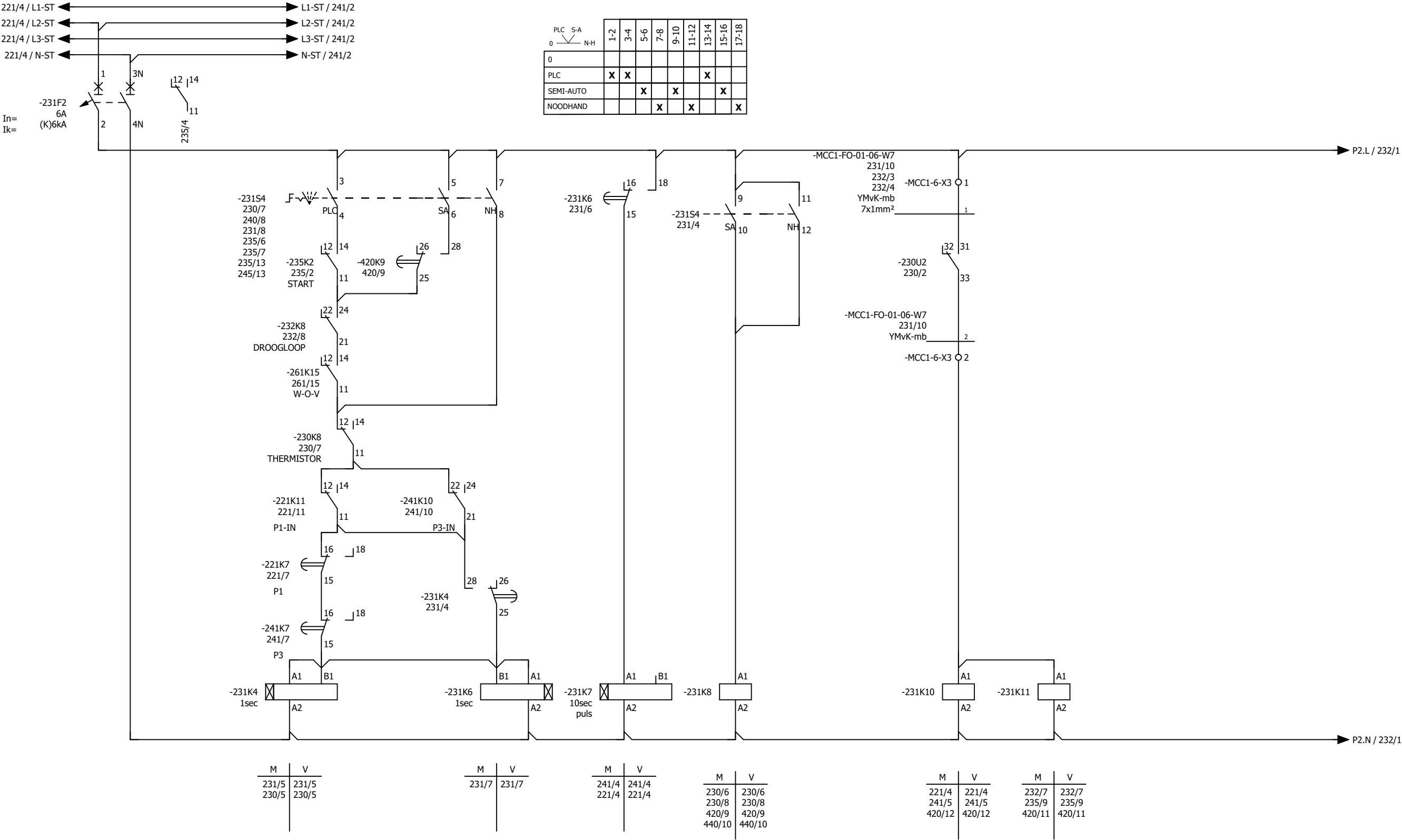








|   |             |   |            |   |   |         |              |   |            |    |    |    |    |    |
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| 1 | 2           | 3 | 4          | 5 | 6 | 7       | 8            | 9 | 10         | 11 | 12 | 13 | 14 | 15 |
|   | STUURSTROOM |   | START/STOP |   |   | STAFFEL | HANDBEDRIJF  |   | FO         |    |    |    |    |    |
|   | POMP        |   | FO         |   |   |         | (SA/NH)      |   | IN BEDRIJF |    |    |    |    |    |
|   | 230VAC/50Hz |   |            |   |   |         | INGESCHAKELD |   |            |    |    |    |    |    |



MCC-01 01.5-2  
Componenten 230vac 24vdc



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Hoogheemraadschap van  
**Rijnland**

AWTG Zuidrand  
Stuurstroom  
P\_1020 Vuilwaterpomp 2

Dwight Bruno

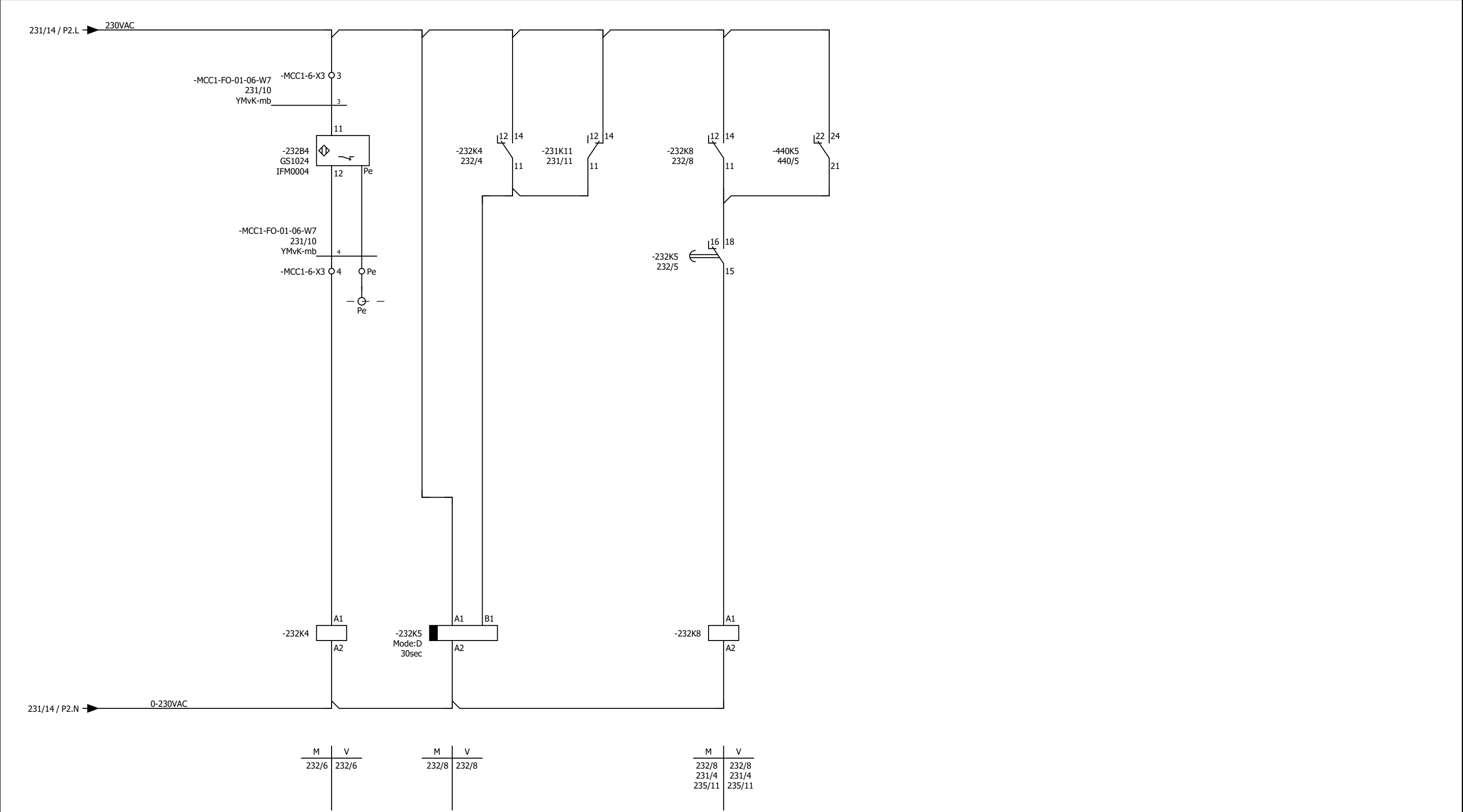
AS BUILT 11-04-2018

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NV-080-00023

231

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|---|---|---|-------------|---------|---|---|-------|---|----|----|----|----|----|----|
| 1 | 2 | 3 | 4           | 5       | 6 | 7 | 8     | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   |   |   | DROOGLOOP   | FO      |   |   | RESET |   |    |    |    |    |    |    |
|   |   |   | BEVEILIGING | BEDRIJF |   |   |       |   |    |    |    |    |    |    |
|   |   |   | GS1024      |         |   |   |       |   |    |    |    |    |    |    |



HET "NC" CONTACT VAN DE NADERINGSCHAKELAAR SLUIT  
ALS DE ARM VAN DE TERUGSLAGKLEP ZICH UIT DE RUSTSTAND  
BEWEEGT WANNEER DE KLEP OPENT



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Hoogheemraadschap van  
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MCC-01 01.5-2  
Componenten 230vac 24vdc

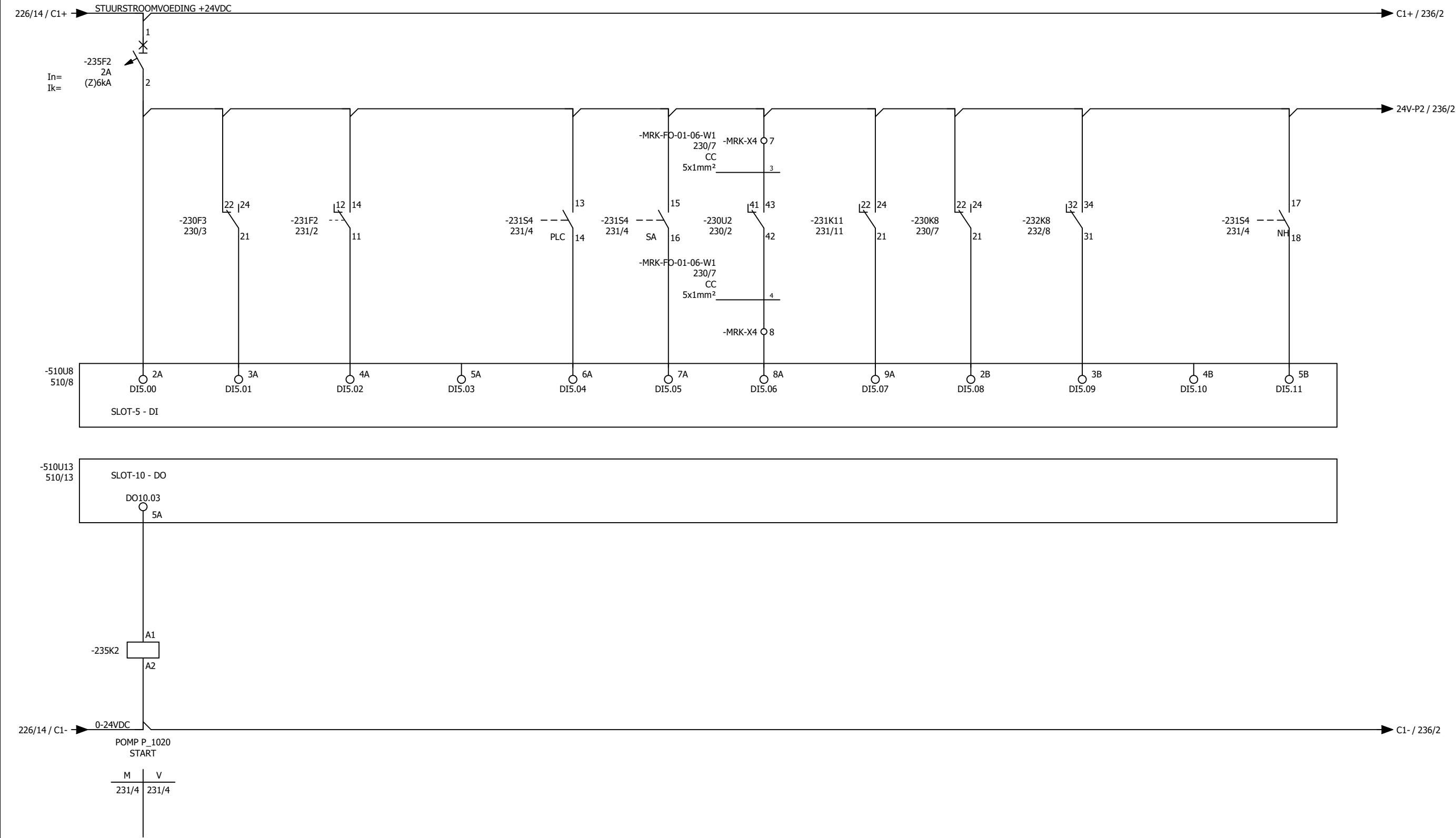
AWTG Zuidrand  
Stuurstroom  
P\_1020 Vuilwaterpomp 2

Dwight BrunoAS BUILT 11-04-2018

A3NV-080-00023

232

|   |             |             |             |         |                     |               |            |               |            |             |         |      |    |    |
|---|-------------|-------------|-------------|---------|---------------------|---------------|------------|---------------|------------|-------------|---------|------|----|----|
| 1 | 2           | 3           | 4           | 5       | 6                   | 7             | 8          | 9             | 10         | 11          | 12      | 13   | 14 | 15 |
|   | STORING     | STORING     | STORING     | RESERVE | BEDIENINGSCHAKELAAR |               | STORING FO | FO IN BEDRIJF | THERMISTOR | DROOGLOOP   | RESERVE | NOOD |    |    |
|   | STUURSTROOM | HOOFDSTROOM | STUURSTROOM |         | PLC                 | SEMI-AUTOMAAT |            |               | TS1020     | BEVEILIGING |         | HAND |    |    |
|   | 24VDC       |             | 230VAC      |         |                     |               |            |               |            | GS1024      |         |      |    |    |



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MRK 05.1-2  
PLC configuratie

AWTG Zuidrand  
Digitale I/O  
P\_1020 Vuilwaterpomp 2

Dwight Bruno

AS BUILT 11-04-2018

A3

NV-080-00023

235

235/14 / C1+ → STUURSTROOMVOEDING +24VDC → C1+ / 245/1

235/14 / 24V-P2 → +24VDC

230/9 / I2.1+ → 1+  
230/9 / I2.1- → 2-

230/11 / I2.2+ → 1+  
230/11 / I2.2- → 2-

236U3  
236U6

24VDC  
4-20mA  
4-20mA

7+ 8-  
5+ 6-  
1+ 1-

AI12.00  
AI12.01

4-20mA  
4-20mA

SLOT-12 - AI

SLOT-14 - AO

4-20mA  
AO14.01  
6A 7A  
12+ 12-

1+ 2-  
5+ 6-  
7+ 8-

236U3.1

230/12 / I2.3+ → 5+  
230/12 / I2.3- → 6-

24VDC  
4-20mA  
4-20mA

0-24VDC → C1- / 245/1

POMP 2 SETPOINT

MRK 05.1-2  
PLC configuratie

AWTG Zuidrand  
Analoge I/O  
P\_1020 Vuilwaterpomp 2

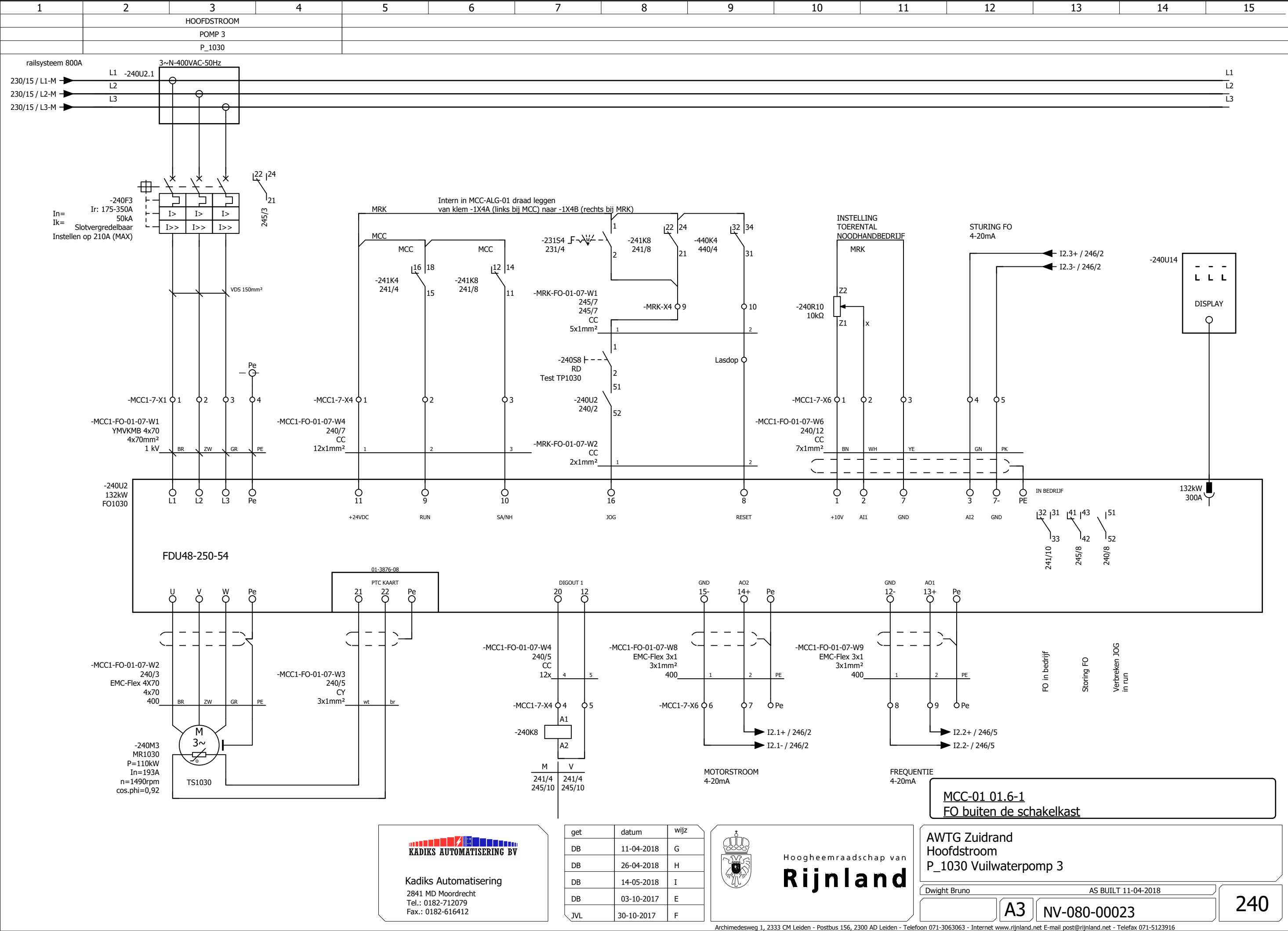
Dwight Bruno AS BUILT 11-04-2018

A3 NV-080-00023

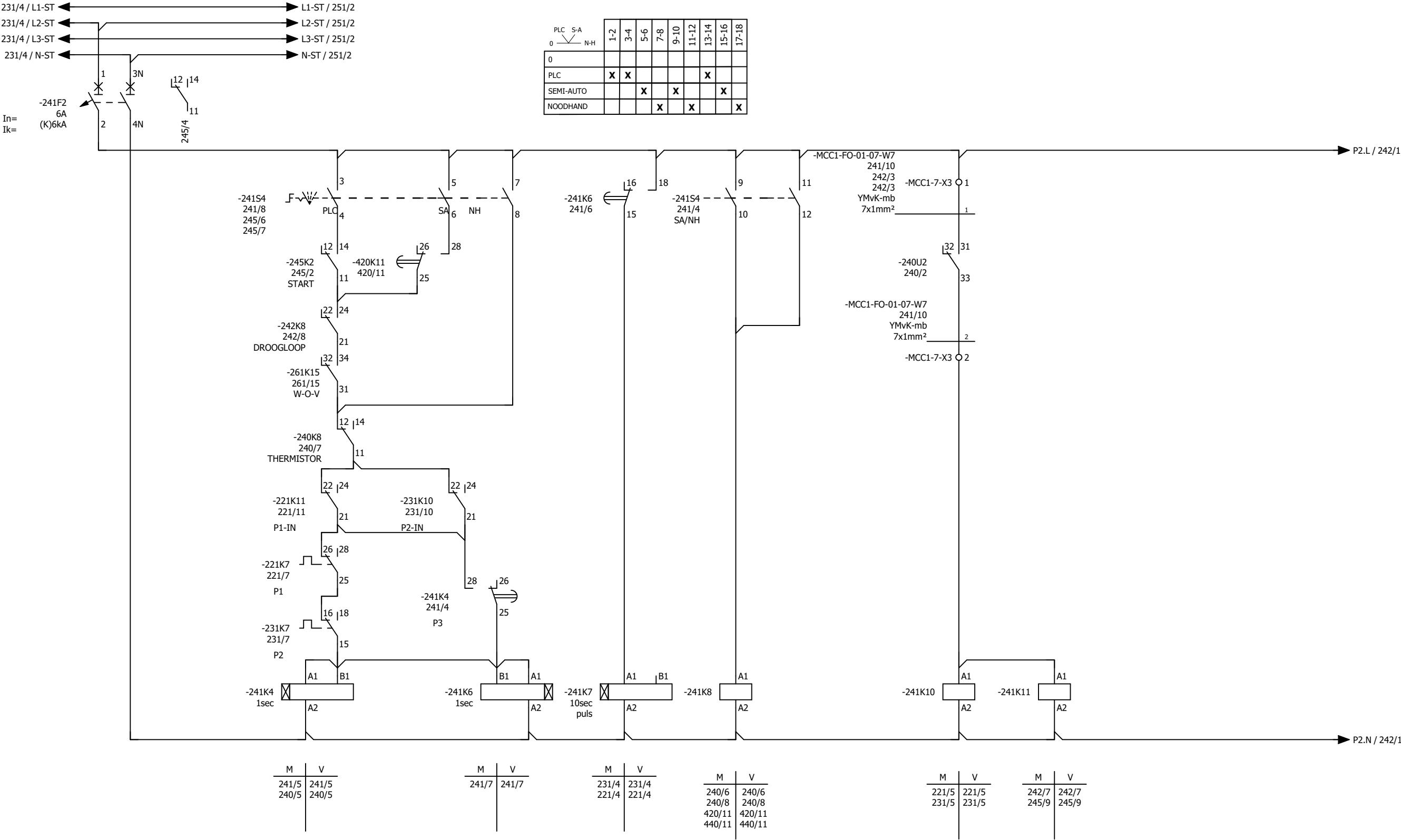
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|---|-------------|---|------------|---|---|---------|--------------|---|------------|----|----|----|----|----|
| 1 | 2           | 3 | 4          | 5 | 6 | 7       | 8            | 9 | 10         | 11 | 12 | 13 | 14 | 15 |
|   | STUURSTROOM |   | START/STOP |   |   | STAFFEL | HANDBEDRIJF  |   | FO         |    |    |    |    |    |
|   | POMP        |   | FO         |   |   |         | (SA/NH)      |   | IN BEDRIJF |    |    |    |    |    |
|   | 230VAC/50Hz |   |            |   |   |         | INGESCHAKELD |   |            |    |    |    |    |    |



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| DB  | 14-05-2018 | I    |
| DB  | 03-10-2017 | E    |
| JVL | 30-10-2017 | F    |



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MCC-01 01.6-2  
Componenten 230vac 24vdc

AWTG Zuidrand  
Stuurstroom  
P\_1030 Vuilwaterpomp 3

Dwight Bruno

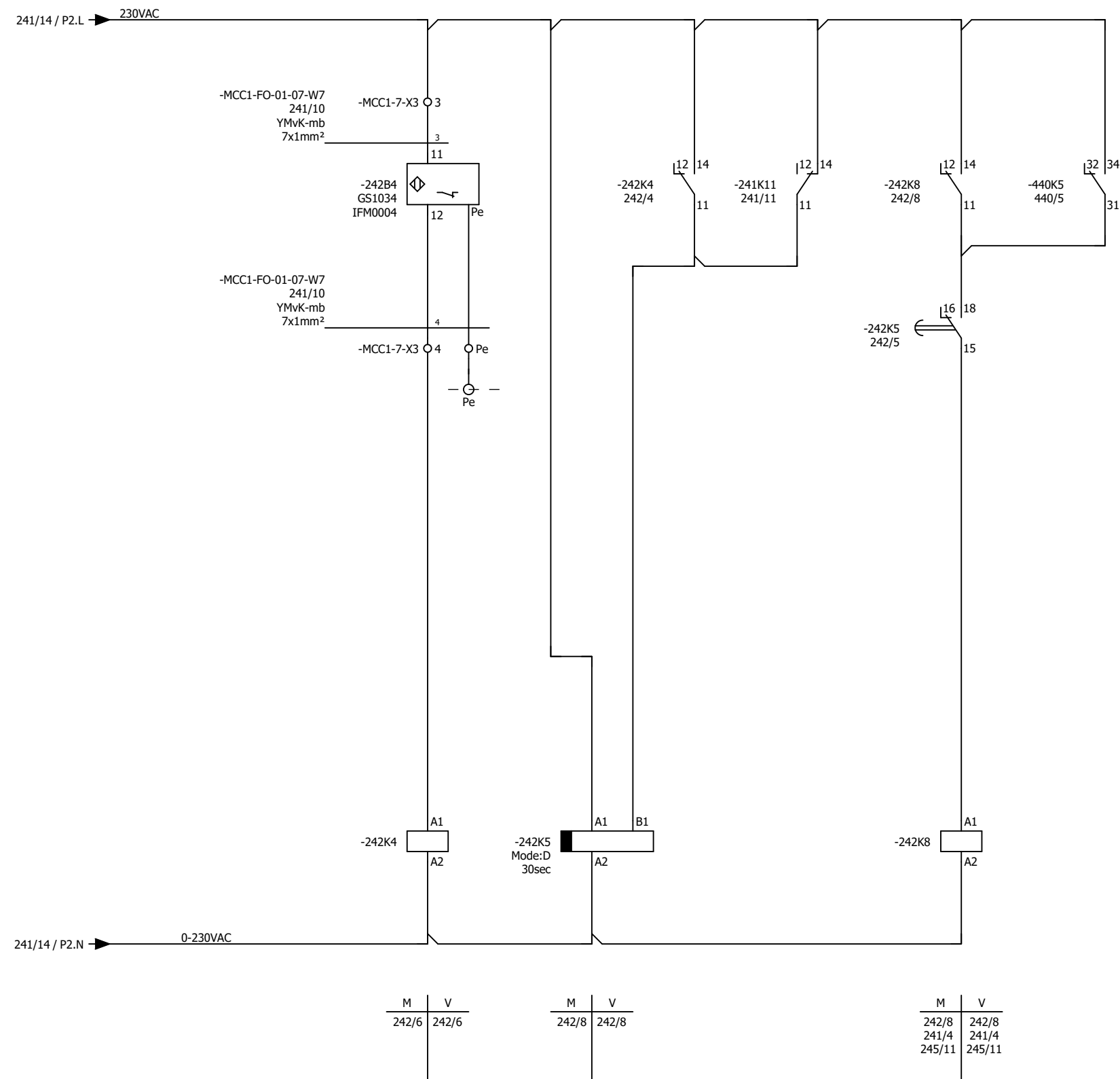
AS BUILT 11-04-2018

A3

NV-080-00023

241

|   |   |   |             |         |   |   |       |   |    |    |    |    |    |    |
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| 1 | 2 | 3 | 4           | 5       | 6 | 7 | 8     | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   |   |   | DROOGLOOP   | FO      |   |   | RESET |   |    |    |    |    |    |    |
|   |   |   | BEVEILIGING | BEDRIJF |   |   |       |   |    |    |    |    |    |    |
|   |   |   | GS1034      |         |   |   |       |   |    |    |    |    |    |    |



HET "NC" CONTACT VAN DE NADERINGSCHAKELAAR SLUIT  
ALS DE ARM VAN DE TERUGSLAGKLEP ZICH UIT DE RUSTSTAND  
BEWEEGT WANNEER DE KLEP OPENT



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Fax.: 0182-616412

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| JVL | 30-10-2017 | F    |



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MCC-01 01.6-2  
Componenten 230vac 24vdc

AWTG Zuidrand  
Stuurstroom  
P\_1030 Vuilwaterpomp 3

Dwight Bruno

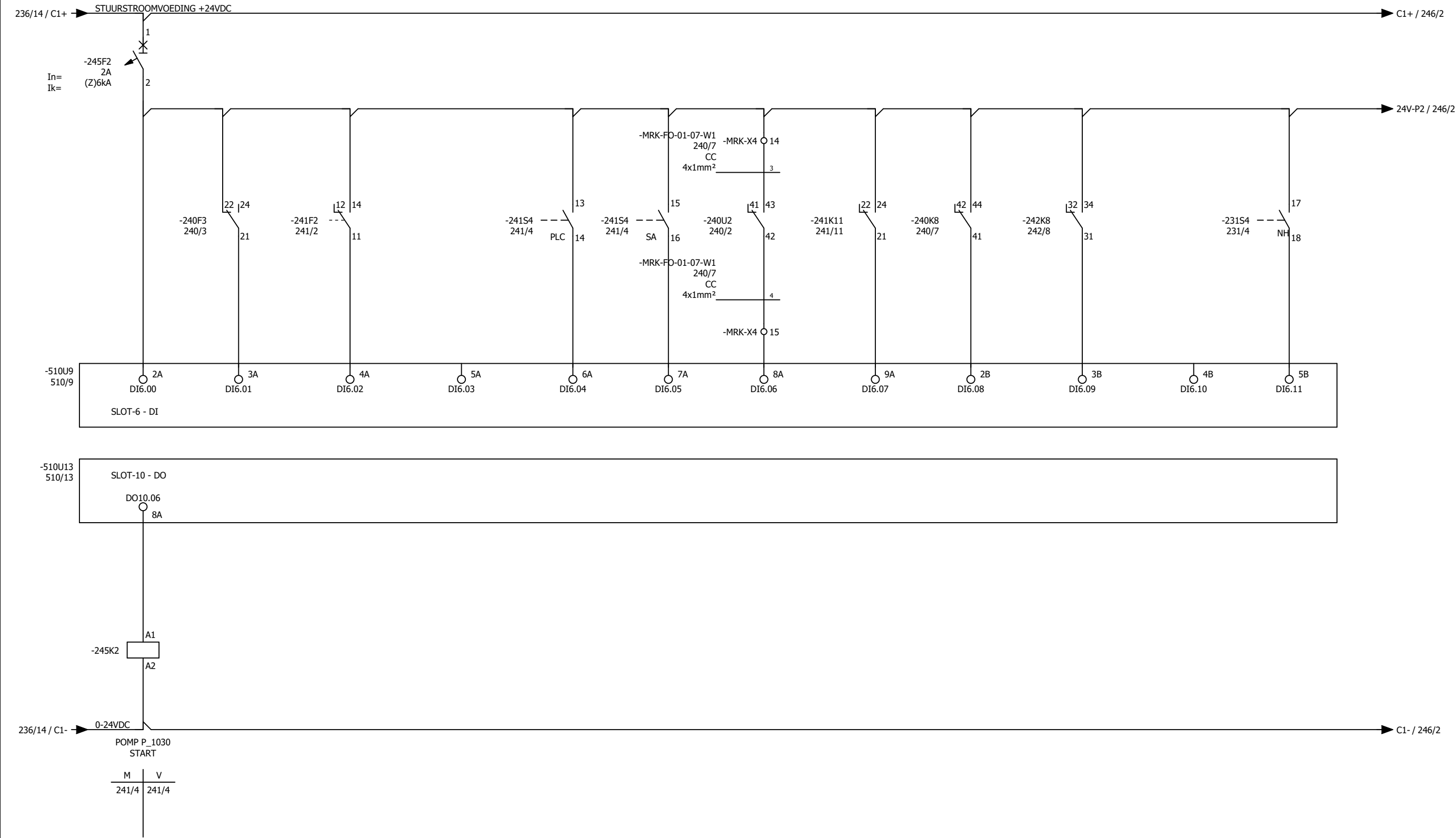
AS BUILT 11-04-2018

A3

NV-080-00023

242

|   |             |             |             |         |                     |               |            |               |            |             |         |      |    |    |
|---|-------------|-------------|-------------|---------|---------------------|---------------|------------|---------------|------------|-------------|---------|------|----|----|
| 1 | 2           | 3           | 4           | 5       | 6                   | 7             | 8          | 9             | 10         | 11          | 12      | 13   | 14 | 15 |
|   | STORING     | STORING     | STORING     | RESERVE | BEDIENINGSCHAKELAAR |               | STORING FO | FO IN BEDRIJF | THERMISTOR | DROOGLOOP   | RESERVE | NOOD |    |    |
|   | STUURSTROOM | HOOFDSTROOM | STUURSTROOM |         | PLC                 | SEMI-AUTOMAAT |            |               | TS1030     | BEVEILIGING |         | HAND |    |    |
|   | 24VDC       |             | 230VAC      |         |                     |               |            |               |            | GS1034      |         |      |    |    |



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| JVL | 30-10-2017 | F    |



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MRK 05.1-2  
PLC configuratie

AWTG Zuidrand  
Digitale I/O  
P\_1030 Vuilwaterpomp 3

Dwight Bruno

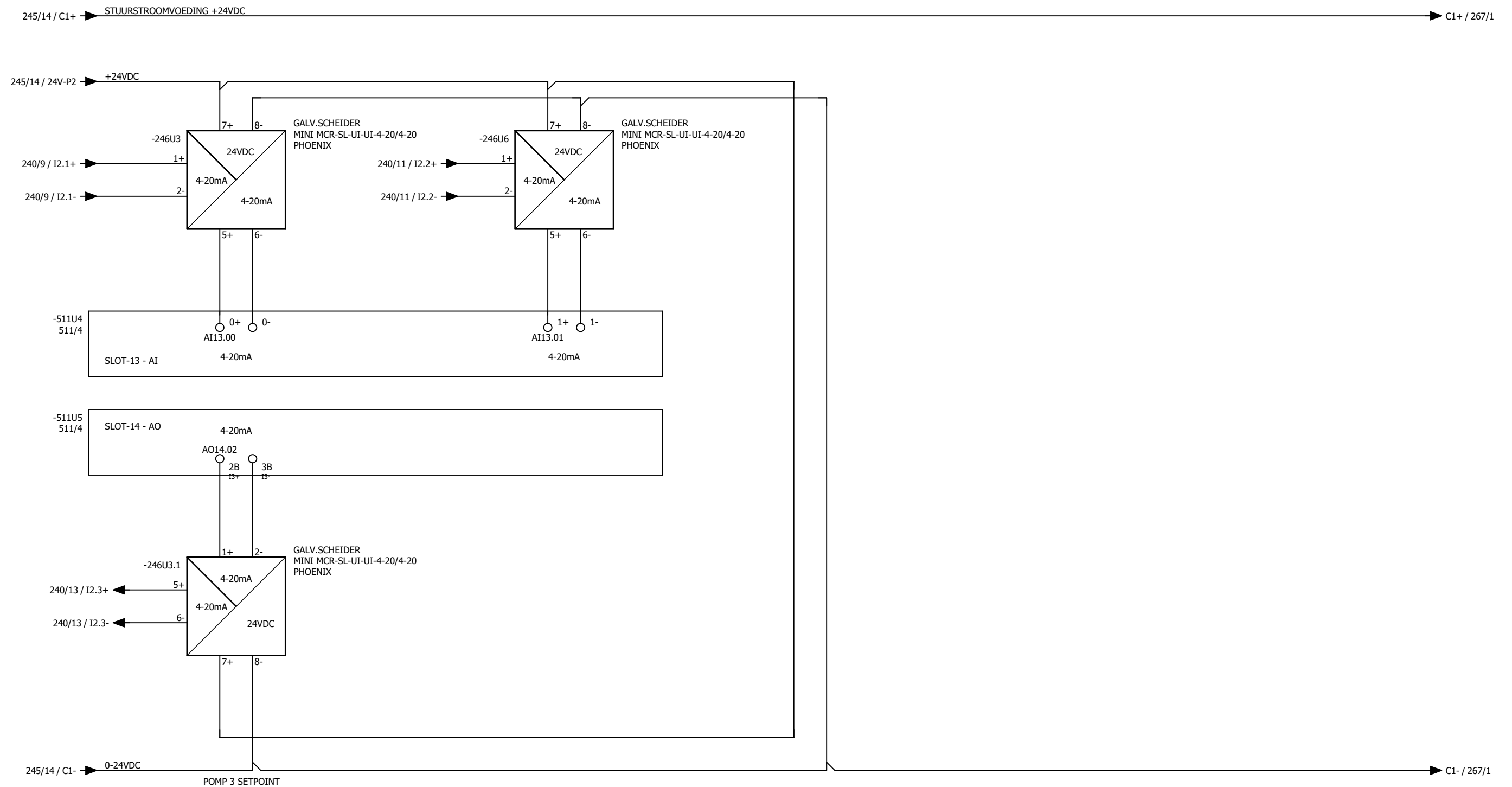
AS BUILT 11-04-2018

A3

NV-080-00023

245

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|---|---|-----------------------|---|---|---|----------------------|---|---|----|----|----|----|----|----|
| 1 | 2 | 3                     | 4 | 5 | 6 | 7                    | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   |   | MOTORSTROOM<br>ET1030 |   |   |   | FREQUENTIE<br>ET1030 |   |   |    |    |    |    |    |    |
|   |   |                       |   |   |   |                      |   |   |    |    |    |    |    |    |



MRK 05.1-2  
PLC configuratie

AWTG Zuidrand  
Analoge I/O  
P\_1030 Vuilwaterpomp 3

Dwight Bruno

A3

246



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| JVL | 30-10-2017 | F    |

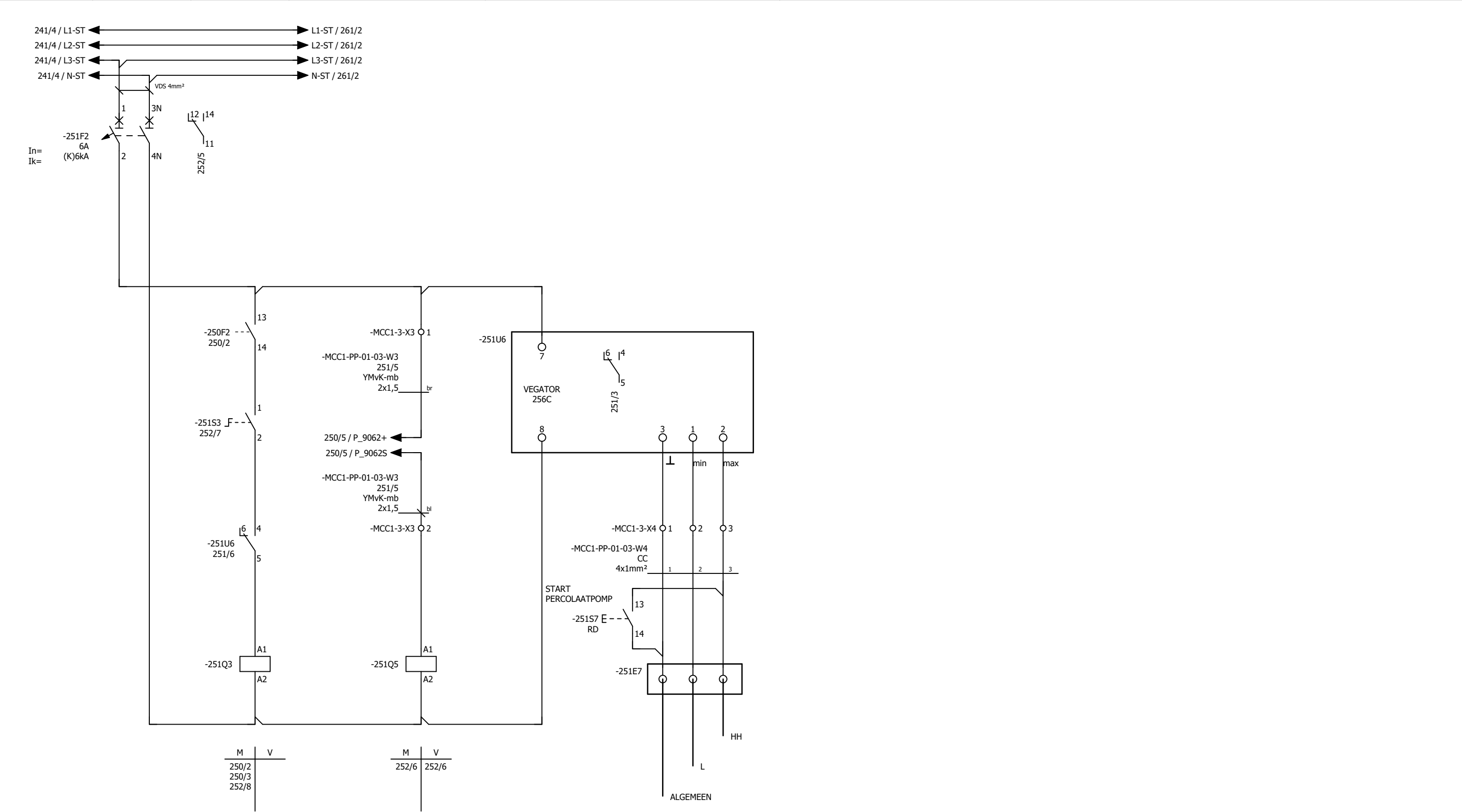


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|---|-------------|------------|----------------|---|----------------------|---|---|---|----|----|----|----|----|----|
| 1 | 2           | 3          | 4              | 5 | 6                    | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   | BEVEILIGING | IN BEDRIJF | WERKSCHAKELAAR |   | PERCOLAATPOMP IN/UIT |   |   |   |    |    |    |    |    |    |
|   | STUURSTROOM |            |                |   | LS9065               |   |   |   |    |    |    |    |    |    |
|   | 230VAC/50Hz |            |                |   |                      |   |   |   |    |    |    |    |    |    |



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MCC-01 01.3-1

AWTG Zuidrand  
Stuurstroom  
P\_9062 Percolaatpomp

Dwight Bruno

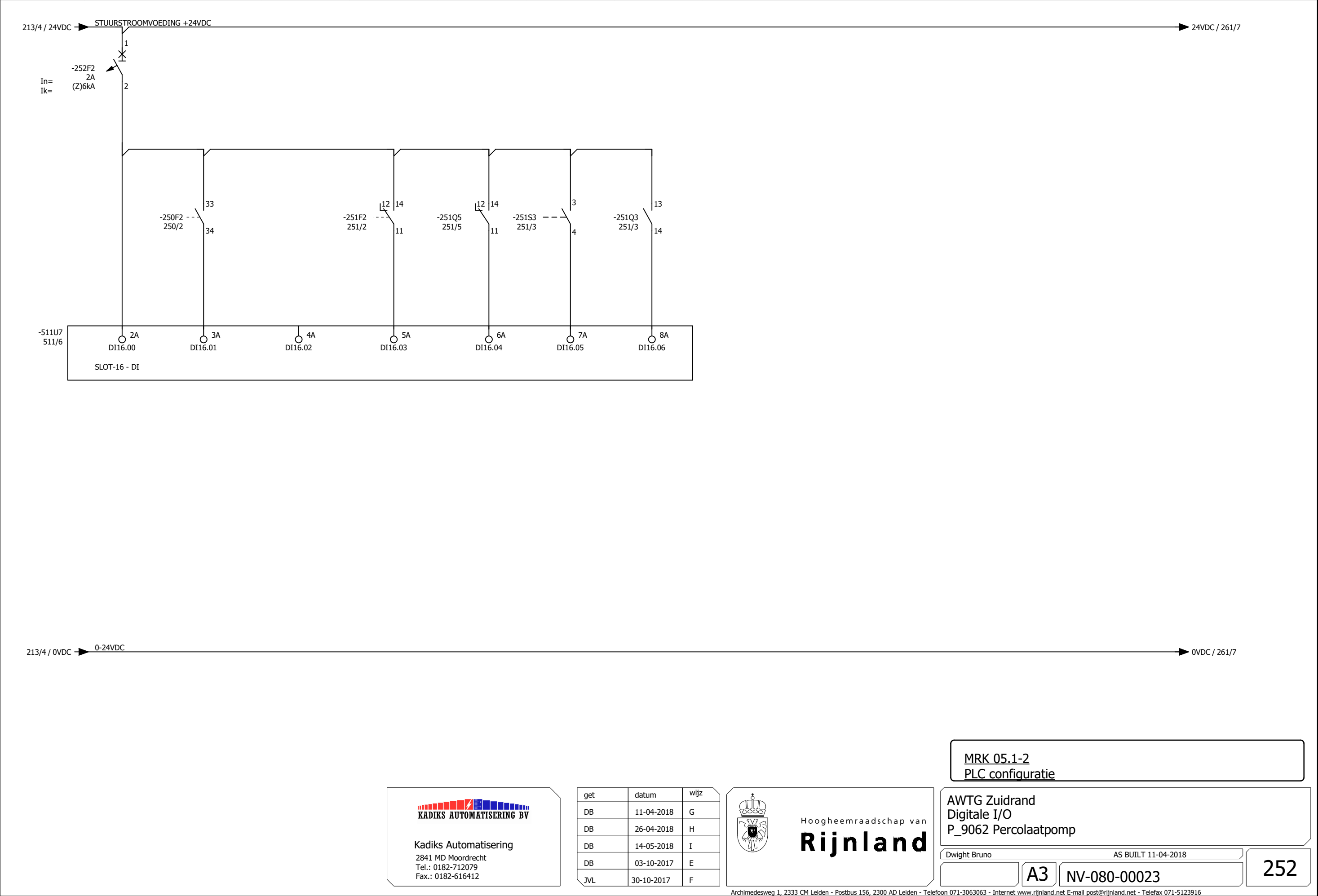
AS BUILT 11-04-2018

A3

NV-080-00023

251

|   |             |             |         |             |                |             |            |   |    |    |    |    |    |    |
|---|-------------|-------------|---------|-------------|----------------|-------------|------------|---|----|----|----|----|----|----|
| 1 | 2           | 3           | 4       | 5           | 6              | 7           | 8          | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   | STORING     | STORING     | RESERVE | STORING     | WERKSCHAKELAAR | BEDIENINGS- | IN BEDRIJF |   |    |    |    |    |    |    |
|   | STUURSTROOM | HOOFDSTROOM |         | STUURSTROOM | P_9062         | SCHAKELAAR  | P_9062     |   |    |    |    |    |    |    |
|   | 24VDC       | P_9062      |         | 230VAC      |                | P_9062      |            |   |    |    |    |    |    |    |





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| DB  | 03-10-2017 | E    |
| JVL | 30-10-2017 | F    |



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MRK 05.1-2  
PLC configuratie

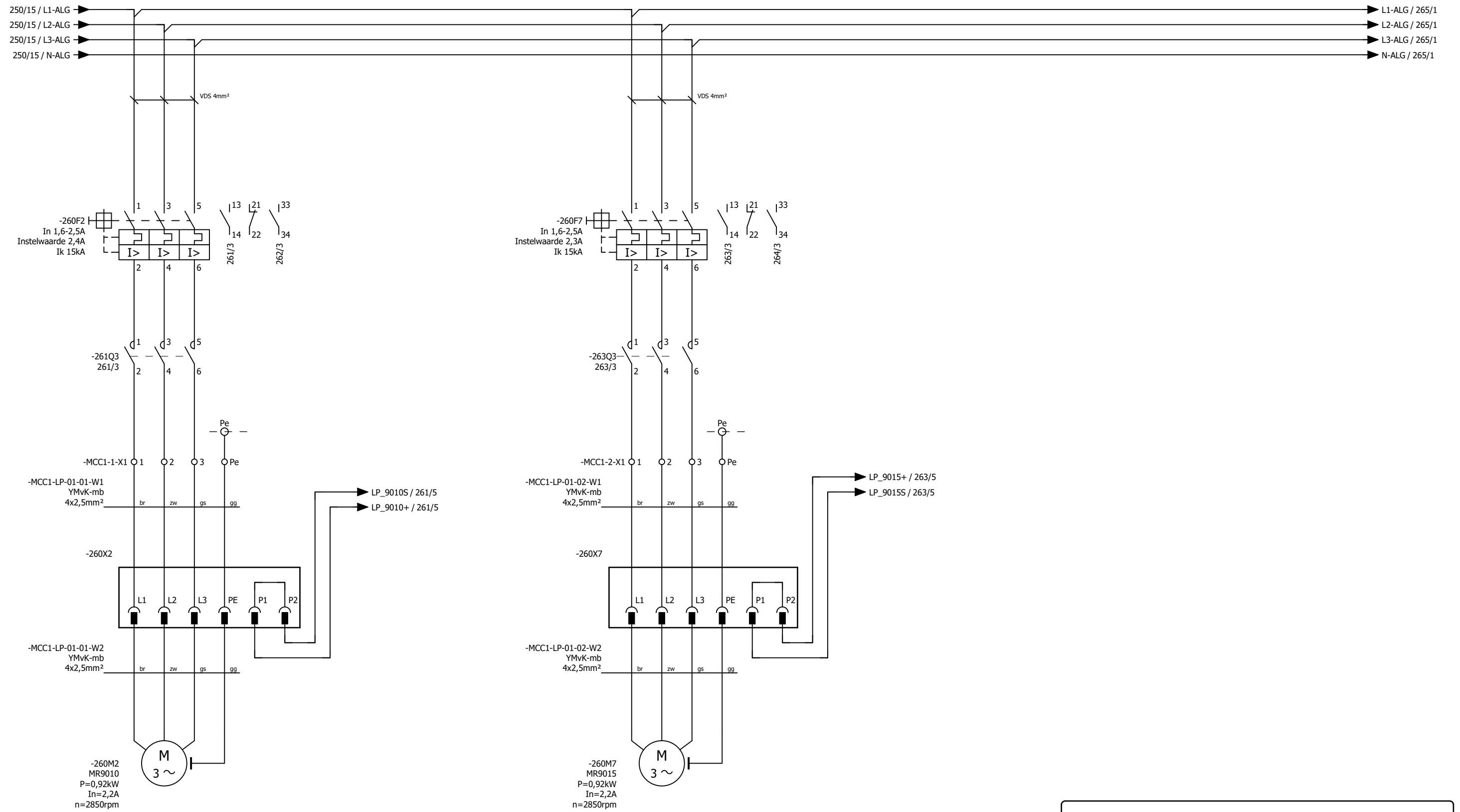
AWTG Zuidrand  
Digitale I/O  
P\_9062 Percolaatpomp

Dwight BrunoAS BUILT 11-04-2018

A3NV-080-00023

252

|   |                       |   |   |   |   |                                 |   |   |    |    |    |    |    |    |
|---|-----------------------|---|---|---|---|---------------------------------|---|---|----|----|----|----|----|----|
| 1 | 2                     | 3 | 4 | 5 | 6 | 7                               | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   | HOOFDSTROOM           |   |   |   |   | HOOFDSTROOM                     |   |   |    |    |    |    |    |    |
|   | LENSPOMP POMPENKELDER |   |   |   |   | LENSPOMP GEURBEHANDELINGSRUIMTE |   |   |    |    |    |    |    |    |
|   | P_9010                |   |   |   |   | P_9015                          |   |   |    |    |    |    |    |    |



MCC-01 01.1-1 & MCC-01 01.2-1



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| get | datum      | wijz |
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| DB  | 14-05-2018 | I    |
| DB  | 03-10-2017 | E    |
| JVL | 30-10-2017 | F    |



Hoogheemraadschap van  
**Rijnland**

AWTG Zuidrand  
Hoofdstroom  
P\_9010,P\_9015 Lenspomp

Dwight Bruno

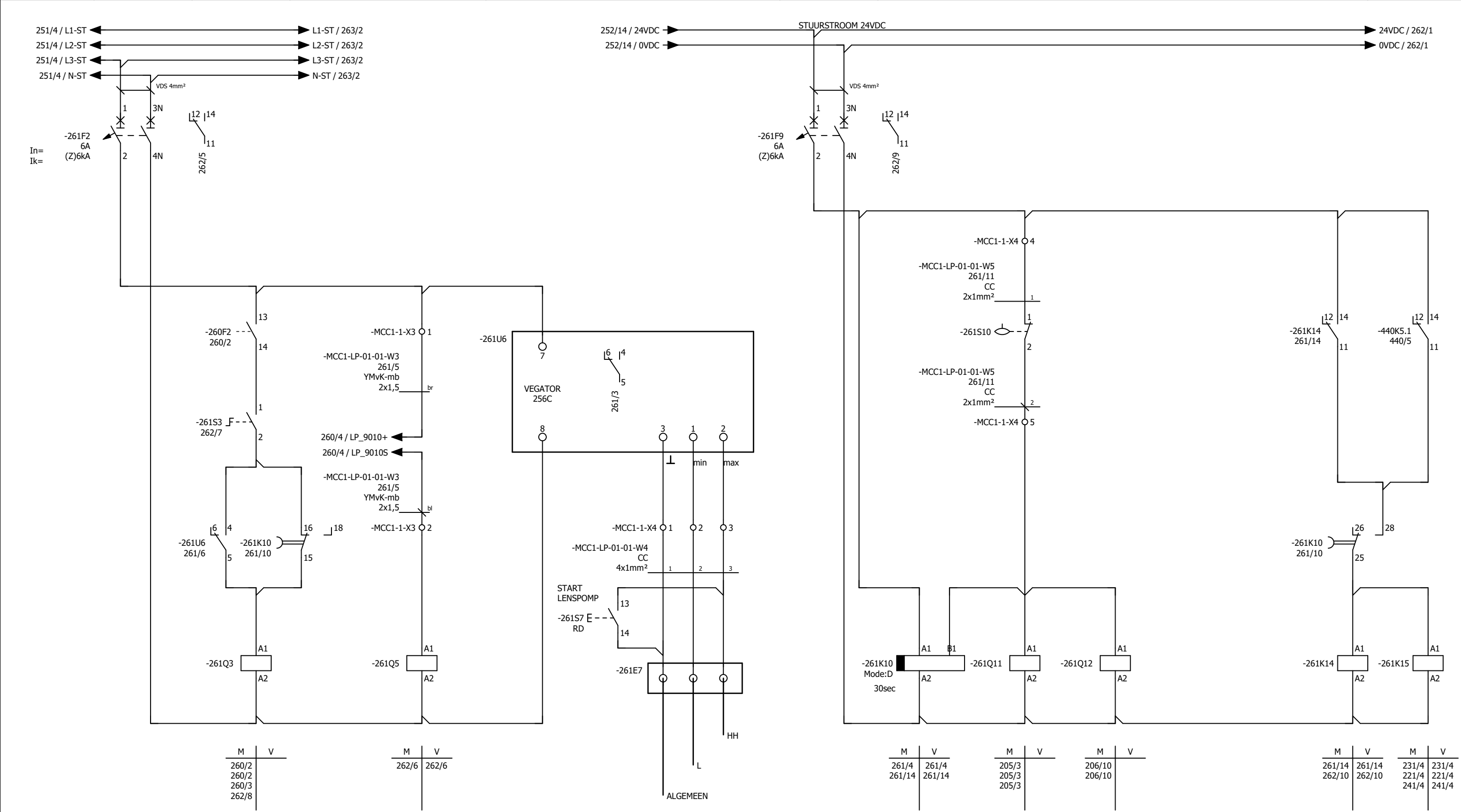
AS BUILT 11-04-2018

A3

NV-080-00023

260

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|---|-------------|------------|-------------|---|-----------------|---|---|-------------|----------------|----|----|----|----|----|-------|
| 1 | 2           | 3          | 4           | 5 | 6               | 7 | 8 | 9           | 10             | 11 | 12 | 13 | 14 | 15 |       |
|   | BEVEILIGING | IN BEDRIJF | LENSPOMP    |   | LENSPOMP IN/UIT |   |   | BEVEILIGING | WATER OP VLOER |    |    |    |    |    | RESET |
|   | STUURSTROOM |            | AANGESLOTEN |   |                 |   |   | STUURSTROOM | DETECTIE       |    |    |    |    |    |       |
|   | 230VAC/50Hz |            |             |   | LS9011          |   |   | 24VDC       | LS9001         |    |    |    |    |    |       |



MCC-01 01.1-1



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| JVL | 30-10-2017 | F    |



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AWTG Zuidrand  
Stuurstroom  
P\_9010 Lenspomp, LS9011 WOV Vlotter

Dwight Bruno

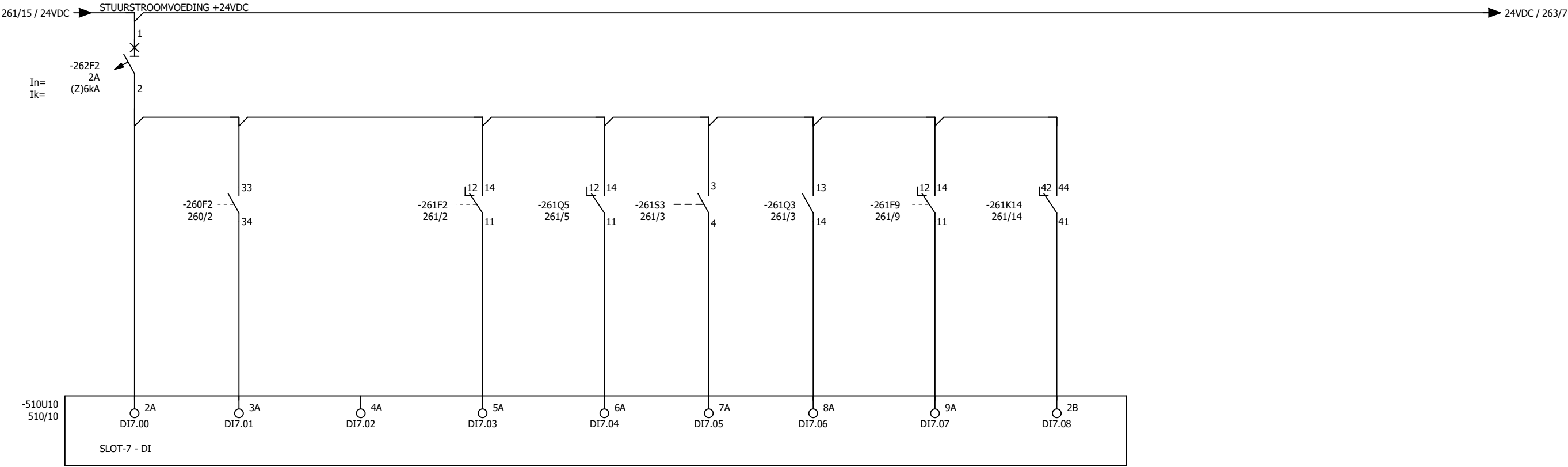
AS BUILT 11-04-2018

A3

NV-080-00023

261

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|---|-------------|-------------|---------|-------------|-------------|-------------|------------|------------------|----------|----|----|----|----|----|
| 1 | 2           | 3           | 4       | 5           | 6           | 7           | 8          | 9                | 10       | 11 | 12 | 13 | 14 | 15 |
|   | STORING     | STORING     | RESERVE | STORING     | LENSPOMP    | BEDIENINGS- | IN BEDRIJF | STORING          | W.O.V.   |    |    |    |    |    |
|   | STUURSTROOM | HOOFDSTROOM |         | STUURSTROOM | AANGESLOTEN | SCHAKELAAR  |            | STUURSTR. W.O.V. | DETECTIE |    |    |    |    |    |
|   | 24VDC       | P_9010      |         | 230VAC      | P_9010      | P_9010      | P_9010     | LS9001           | LS9001   |    |    |    |    |    |



261/15 / 0VDC → 0-24VDC → 0VDC / 263/7



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| get | datum      | wijz |
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| DB  | 26-04-2018 | H    |
| DB  | 14-05-2018 | I    |
| DB  | 03-10-2017 | E    |
| JVL | 30-10-2017 | F    |



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MRK 05.1-2  
PLC configuratie

AWTG Zuidrand  
Digitale I/O  
P\_9010 Lenspomp

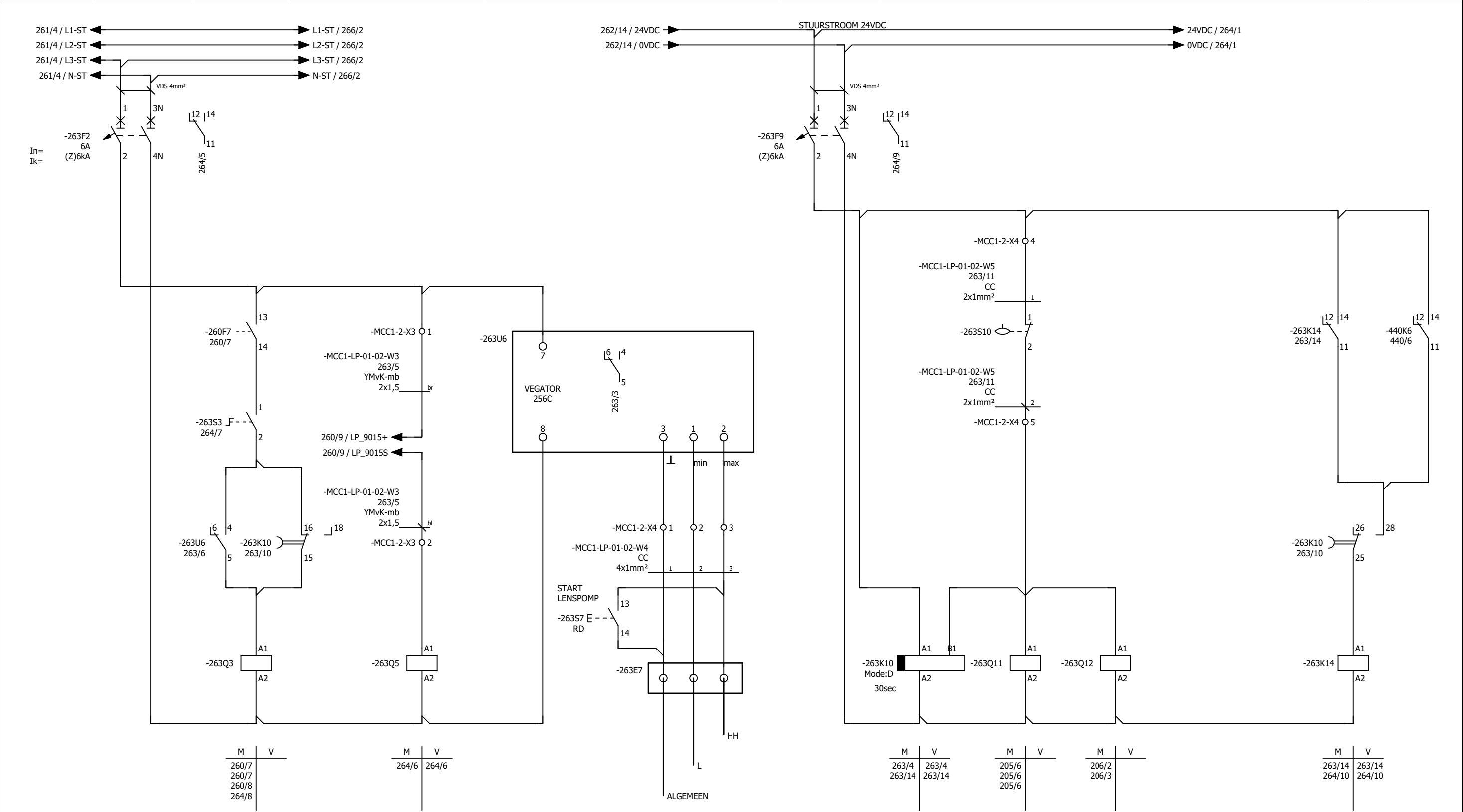
Dwight BrunoAS BUILT 11-04-2018

A3

NV-080-00023

262

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|---|-------------|------------|-------------|---|---|---|--------|-------------|----|----|----------------|----|----|-------|
| 1 | 2           | 3          | 4           | 5 | 6 | 7 | 8      | 9           | 10 | 11 | 12             | 13 | 14 | 15    |
|   | BEVEILIGING | IN BEDRIJF | LENSPOMP    |   |   |   |        | BEVEILIGING |    |    | WATER OP VLOER |    |    | RESET |
|   | STUURSTROOM |            | AANGESLOTEN |   |   |   |        | STUURSTROOM |    |    | DETECTIE       |    |    |       |
|   | 230VAC/50Hz |            |             |   |   |   | LS9016 |             |    |    | LS9017         |    |    |       |



MCC-01 01.2-1



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| DB  | 03-10-2017 | E    |
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AWTG Zuidrand  
Stuurstroom  
P\_9015 Lenspomp, LS9017 WOV Vlotter

Dwight Bruno

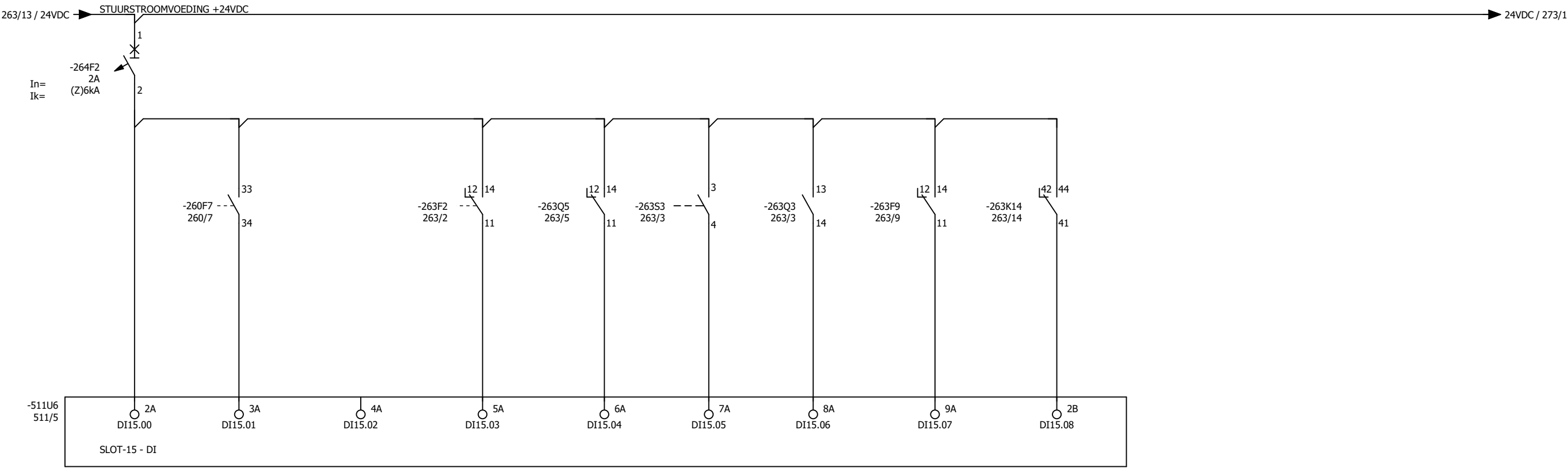
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A3

NV-080-00023

263

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| 1 | 2           | 3           | 4       | 5           | 6           | 7           | 8          | 9                | 10       | 11 | 12 | 13 | 14 | 15 |
|   | STORING     | STORING     | RESERVE | STORING     | LENSPOMP    | BEDIENINGS- | IN BEDRIJF | STORING          | W.O.V.   |    |    |    |    |    |
|   | STUURSTROOM | HOOFDSTROOM |         | STUURSTROOM | AANGESLOTEN | SCHAKELAAR  |            | STUURSTR. W.O.V. | DETECTIE |    |    |    |    |    |
|   | 24VDC       | P_9015      |         | 230VAC      | P_9015      | P_9015      | P_9015     | LS9017           | LS9017   |    |    |    |    |    |



263/13 / 0VDC → 0-24VDC → 0VDC / 273/2



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MRK 05.1-2  
PLC configuratie

AWTG Zuidrand  
Digitale I/O  
P\_9015 Lenspomp

Dwight Bruno

AS BUILT 11-04-2018

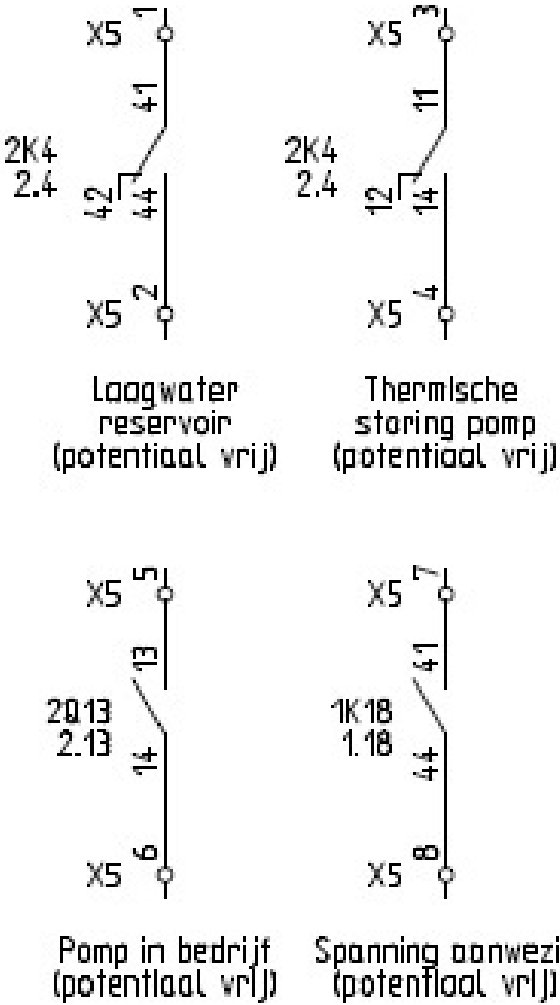
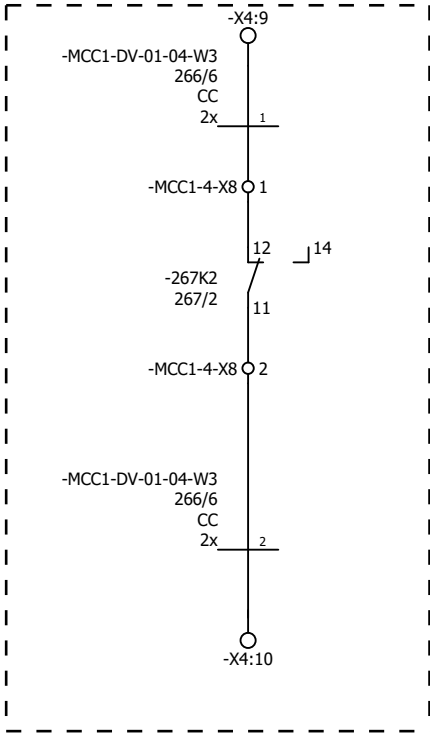
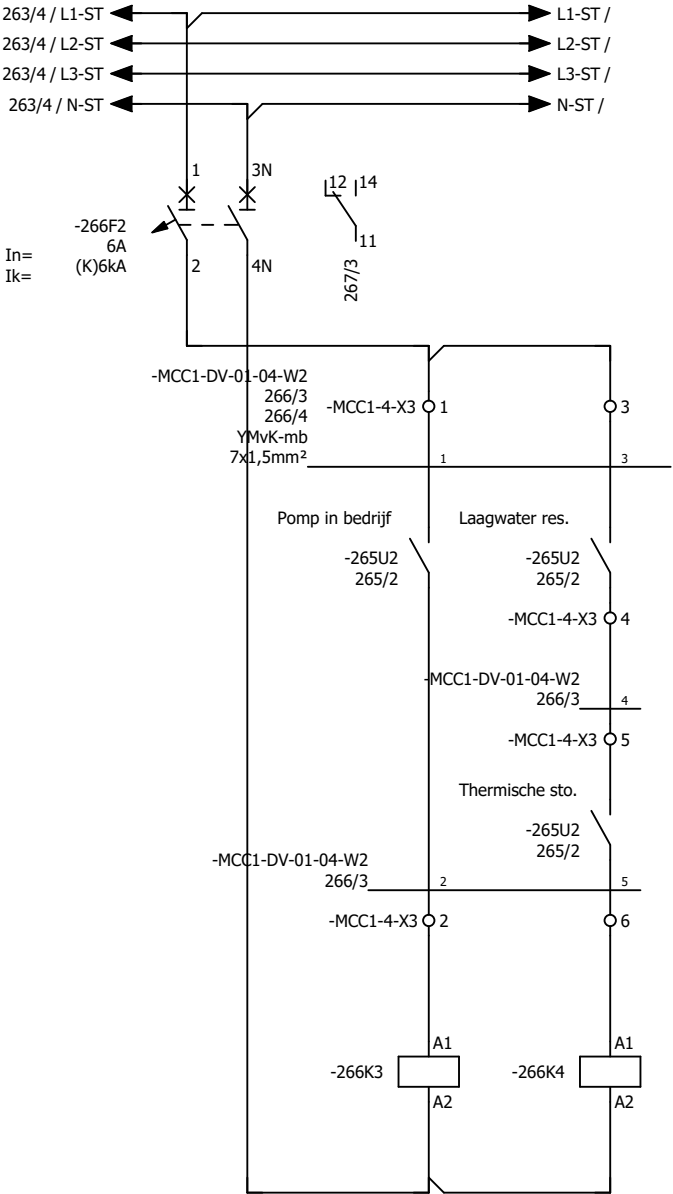
A3

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264



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| 1 | 2           | 3          | 4       | 5              | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   | BEVEILIGING | IN BEDRIJF | STORING | EXTERN CONTACT |   |   |   |   |    |    |    |    |    |    |
|   | STUURSTROOM |            |         | RESET          |   |   |   |   |    |    |    |    |    |    |
|   | 230VAC/50Hz |            |         |                |   |   |   |   |    |    |    |    |    |    |



|       |       |
|-------|-------|
| M     | V     |
| 267/5 | 267/5 |
| M     | V     |
| 267/6 | 267/6 |



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MCC-01 01.4-1

AWTG Zuidrand  
Stuurstroom  
DV9050 Drukverhogingsinstallatie

Dwight Bruno

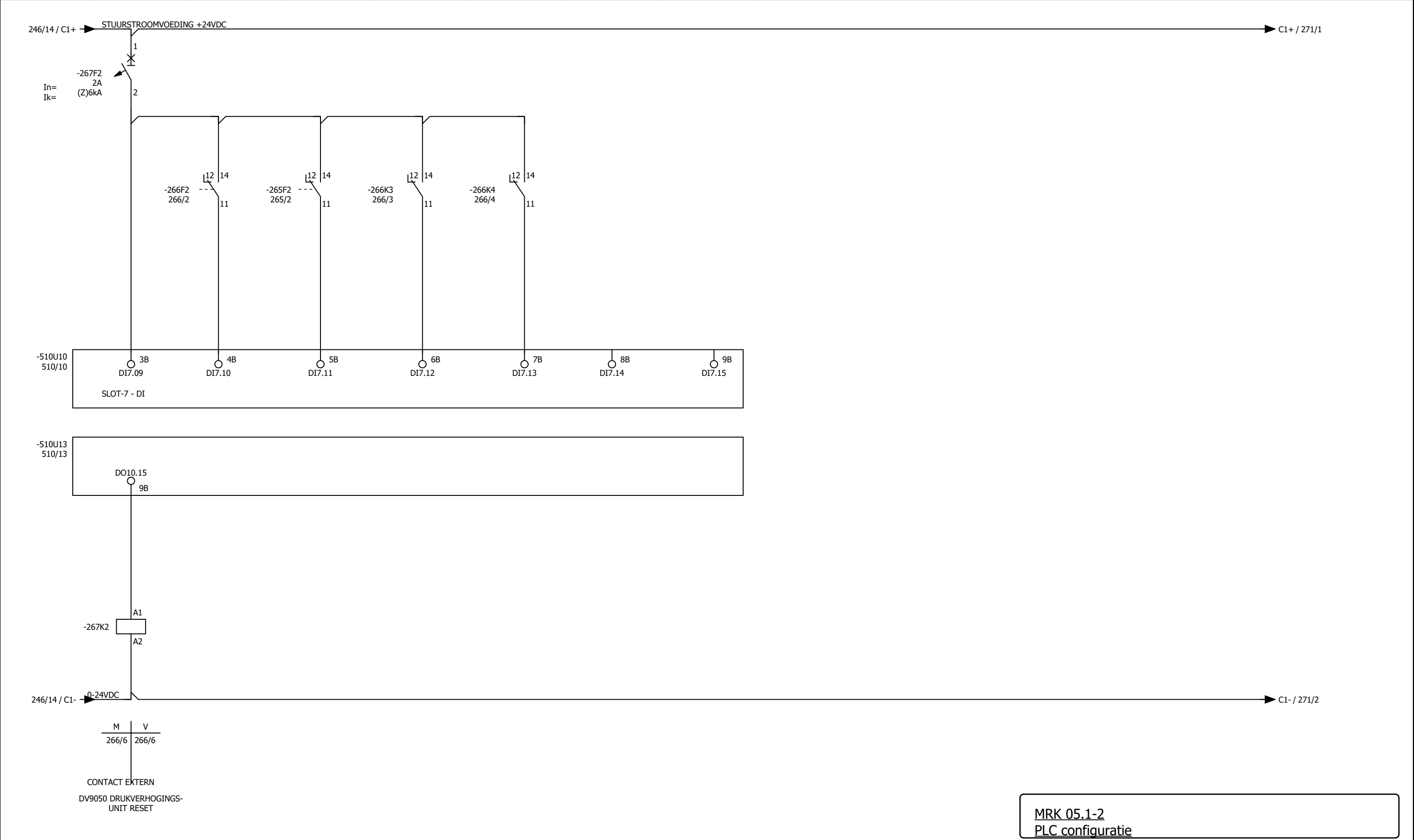
AS BUILT 11-04-2018

A3

NV-080-00023

266

|   |                  |             |             |            |         |         |         |   |    |    |    |    |    |    |
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| 1 | 2                | 3           | 4           | 5          | 6       | 7       | 8       | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   | STORING          | STORING     | STORING     | IN BEDRIJF | STORING | RESERVE | RESERVE |   |    |    |    |    |    |    |
|   | STUURSTR. 24VDC  | STUURSTROOM | HOOFDSTROOM | XS9050     | XS9050  |         |         |   |    |    |    |    |    |    |
|   | OVERIGE GEBRUIK. | DV9050      | DV9050      | DV9050     | DV9050  |         |         |   |    |    |    |    |    |    |





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| JVL | 30-10-2017 | F    |



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MRK 05.1-2  
PLC configuratie

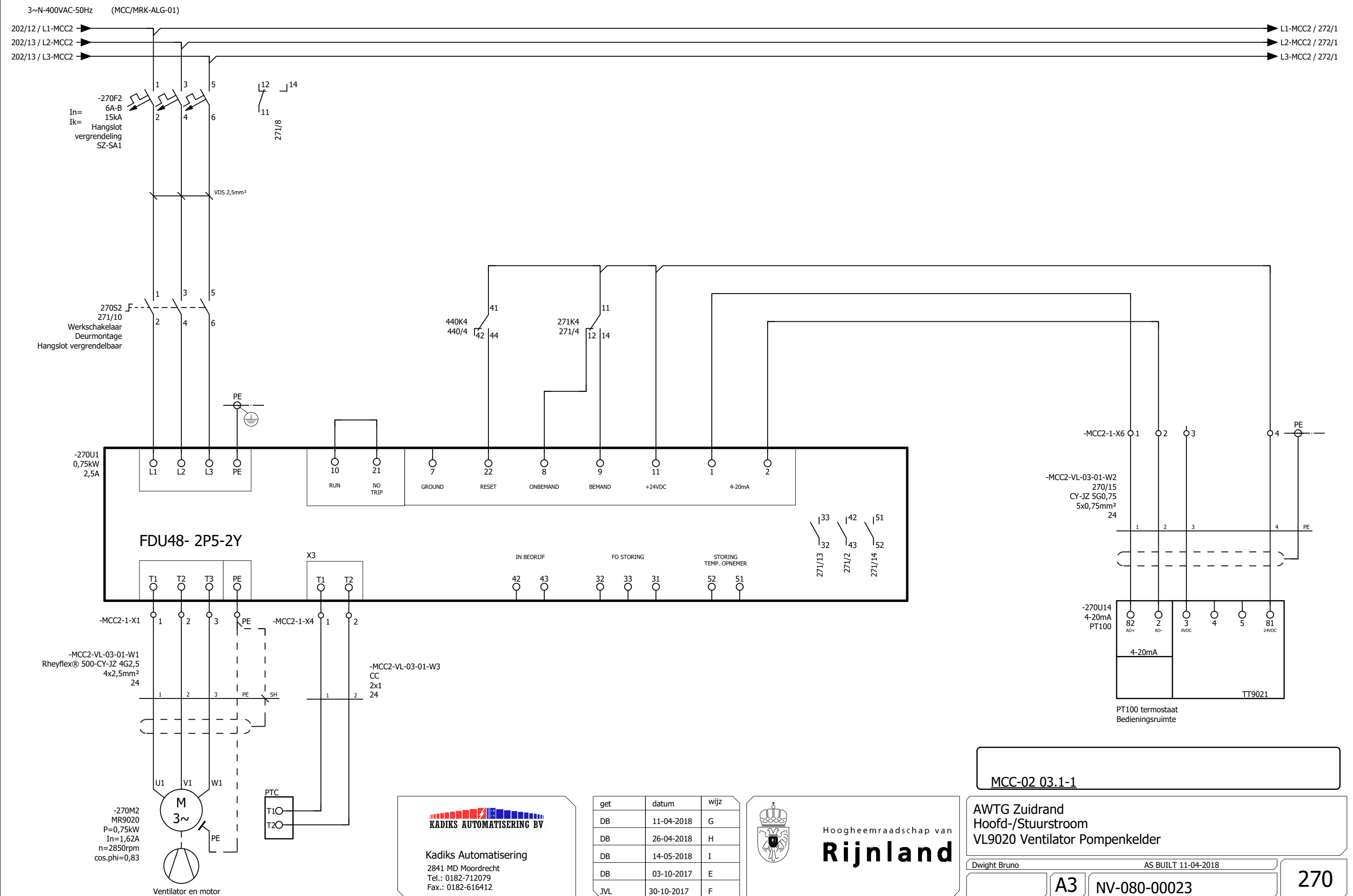
AWTG Zuidrand  
Digitale I/O  
DV9050 Drukverhogingsinstallatie

Dwight BrunoAS BUILT 11-04-2018

A3NV-080-00023

267

|   |             |   |   |         |          |   |       |   |    |    |    |                   |    |    |
|---|-------------|---|---|---------|----------|---|-------|---|----|----|----|-------------------|----|----|
| 1 | 2           | 3 | 4 | 5       | 6        | 7 | 8     | 9 | 10 | 11 | 12 | 13                | 14 | 15 |
|   | HOOFDSTROOM |   |   | VOEDING | BEMAND   |   | RESET |   |    |    |    | TEMPERATUROPNEMER |    |    |
|   | VENTILATOR  |   |   |         | ONBEMAND |   |       |   |    |    |    | PT100             |    |    |
|   | VL9020      |   |   |         |          |   |       |   |    |    |    | TT9021            |    |    |



MCC-02 03.1-1

AWTG Zuidrand  
Hoofd-/Stuurstroom  
VL9020 Ventilator Pompenkelder

Dwight Bruno

AS BUILT 11-04-2018

A3

NV-080-00023

270



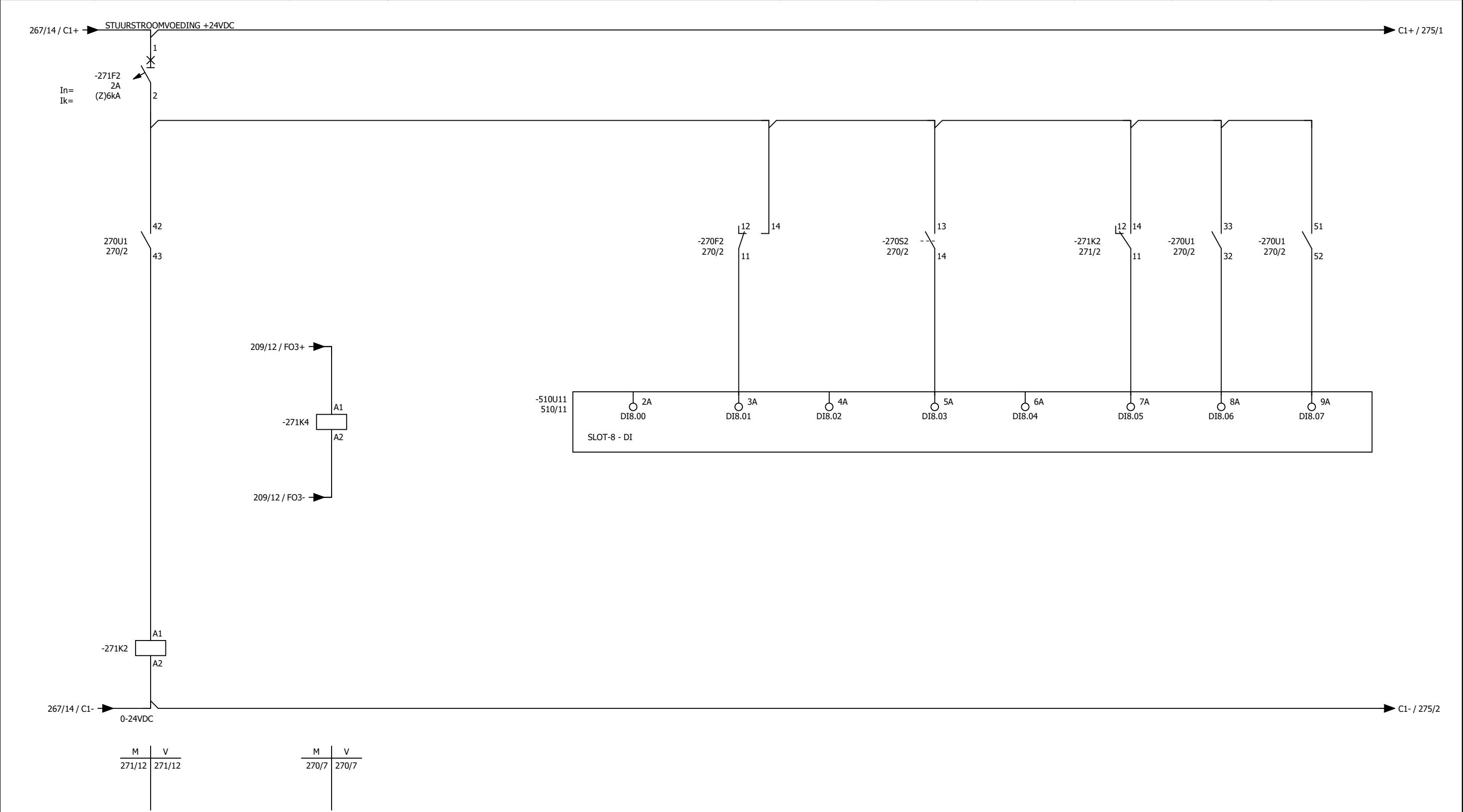
Kadiks Automatisering  
2841 MD Moordrecht  
Tel.: 0182-712079  
Fax.: 0182-616412

| get | datum      | wijz |
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| DB  | 11-04-2018 | G    |
| DB  | 26-04-2018 | H    |
| DB  | 14-05-2018 | I    |
| DB  | 03-10-2017 | E    |
| JVL | 30-10-2017 | F    |



Hoogheemraadschap van  
**Rijnland**

|   |         |   |                 |   |   |         |             |         |                |         |            |         |            |    |
|---|---------|---|-----------------|---|---|---------|-------------|---------|----------------|---------|------------|---------|------------|----|
| 1 | 2       | 3 | 4               | 5 | 6 | 7       | 8           | 9       | 10             | 11      | 12         | 13      | 14         | 15 |
|   | FO      |   | LICHTSCHAKELAAR |   |   | RESERVE | VENTILATOR  | RESERVE | VENTILATOR     | RESERVE | FO         | STORING | THERMISTOR |    |
|   | BEDRIJF |   | POMPENKELDER    |   |   |         | STORING     |         | WERKSCHAKELAAR |         | IN BEDRIJF | FO      |            |    |
|   |         |   |                 |   |   |         | HOOFDSTROOM |         |                |         |            |         |            |    |





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| JVL | 30-10-2017 | F    |



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MRK 05.1-2  
PLC configuratie

AWTG Zuidrand  
Stuurstroom  
VL9020 Ventilator Pompenkelder

Dwight BrunoAS BUILT 11-04-2018

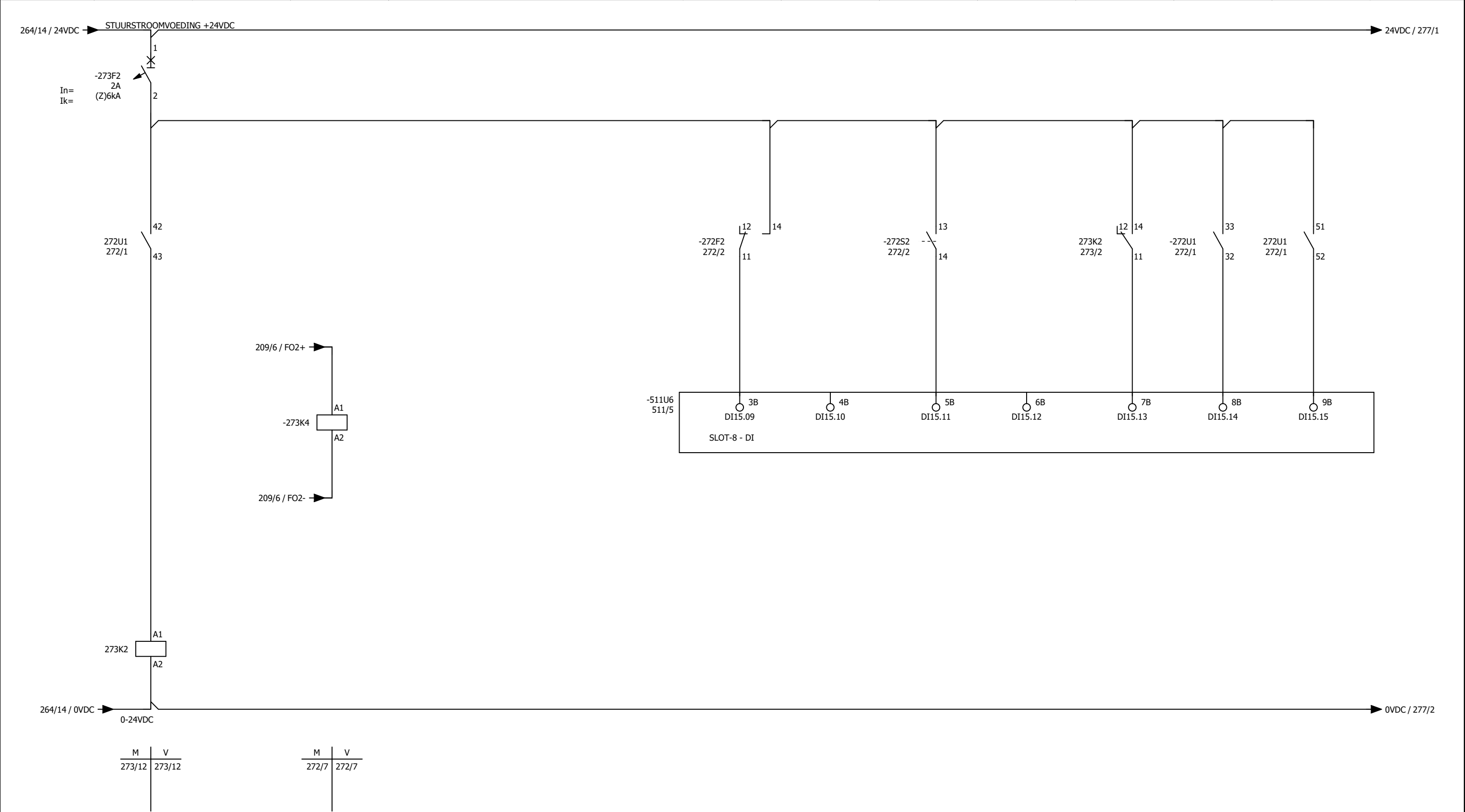
A3

NV-080-00023

271



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| 1 | 2       | 3 | 4               | 5 | 6 | 7 | 8           | 9       | 10             | 11      | 12         | 13      | 14         | 15 |
|   | FO      |   | LICHTSCHAKELAAR |   |   |   | VENTILATOR  | RESERVE | VENTILATOR     | RESERVE | FO         | STORING | THERMISTOR |    |
|   | BEDRIJF |   | GEURBEH.RUIMTE  |   |   |   | STORING     |         | WERKSCHAKELAAR |         | IN BEDRIJF | FO      |            |    |
|   |         |   |                 |   |   |   | HOOFDSTROOM |         |                |         |            |         |            |    |





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| JVL | 30-10-2017 | F    |



Hoogheemraadschap van  
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MRK 05.1-2  
PLC configuratie

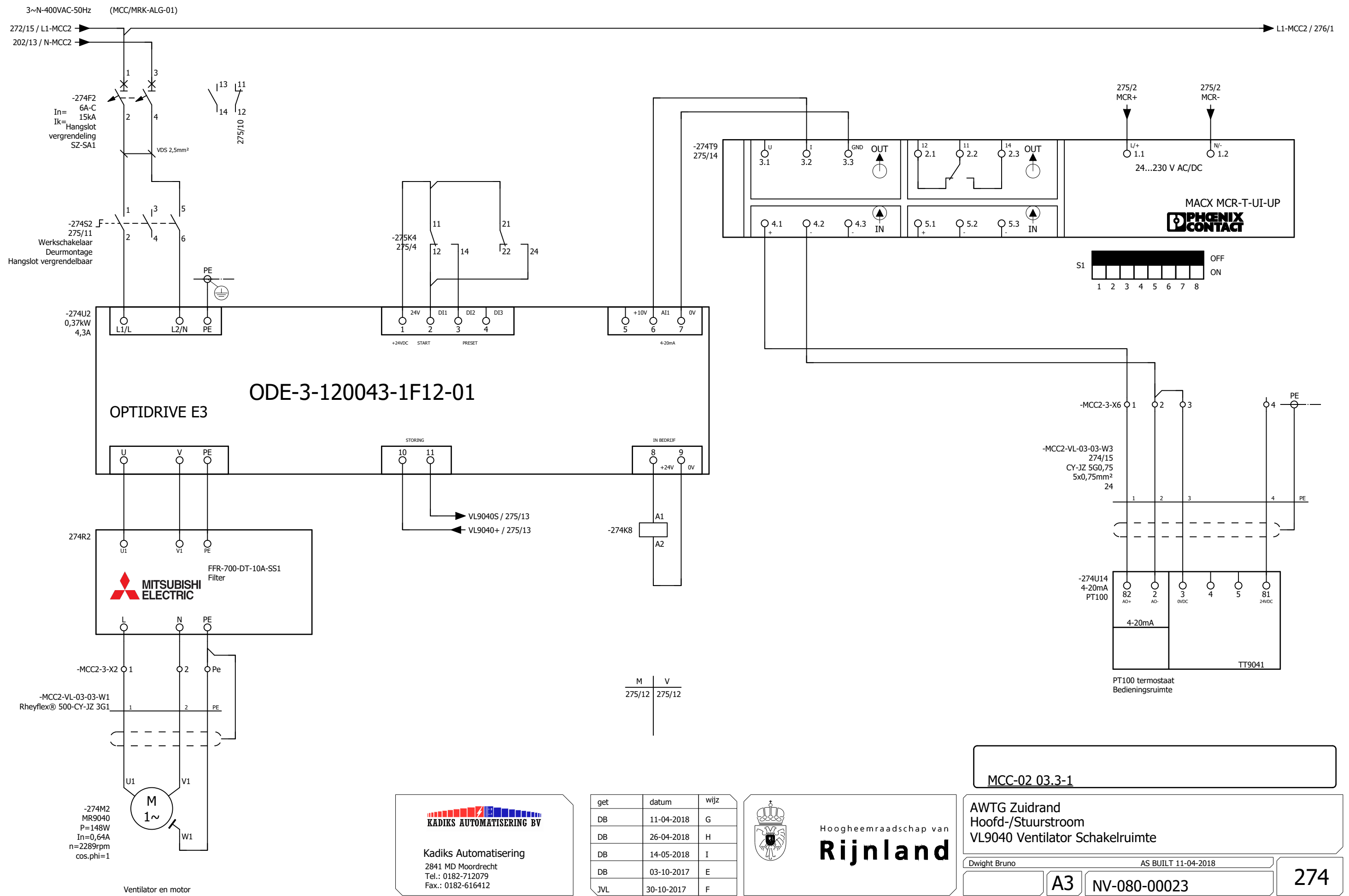
AWTG Zuidrand  
Stuurstroom  
VL9030 Ventilator Geurbehandelingsruimte

Dwight BrunoAS BUILT 11-04-2018

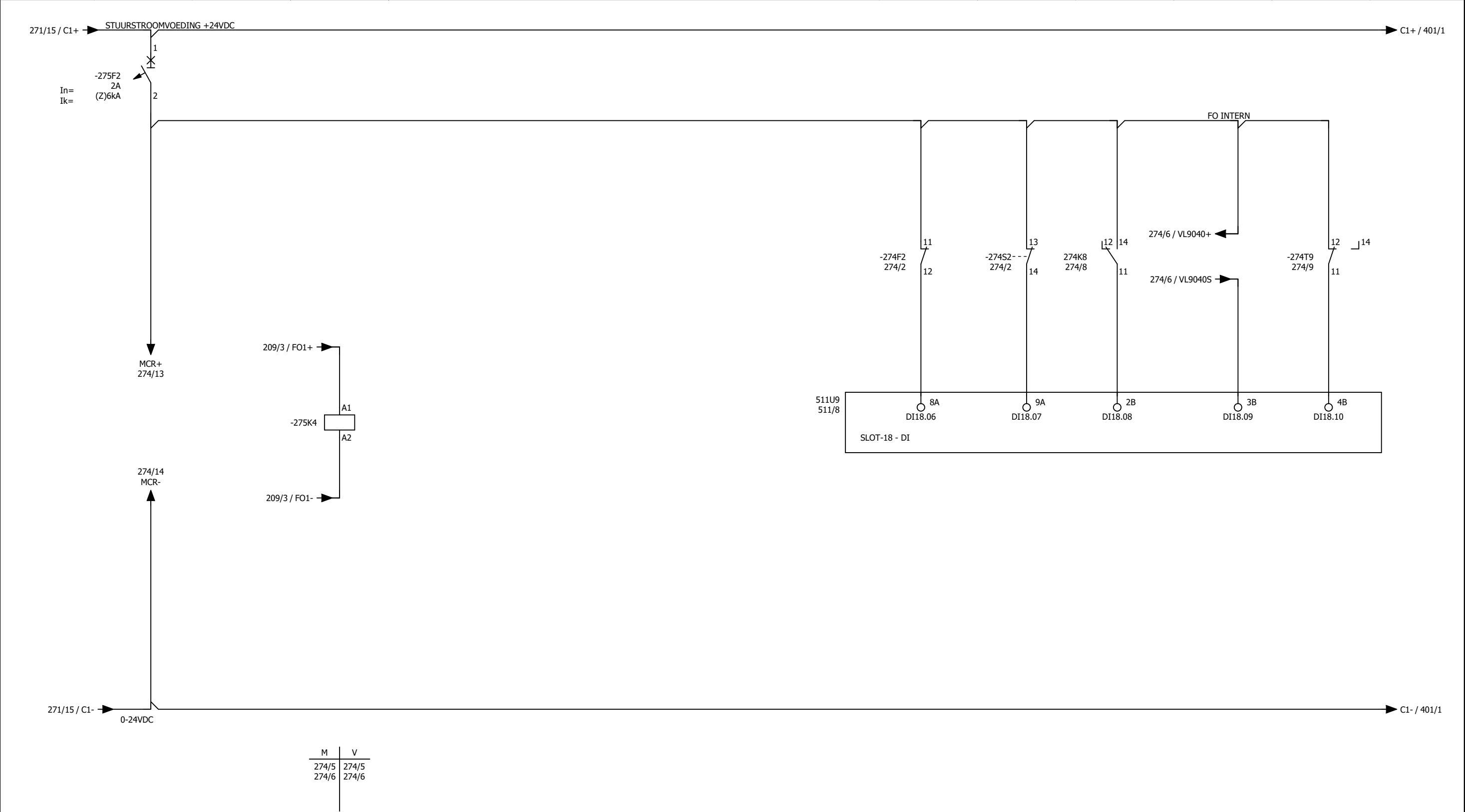
A3NV-080-00023

273

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| 1 | 2           | 3 | 4 | 5       | 6 | 7 | 8          | 9 | 10 | 11 | 12 | 13                | 14 | 15 |
|   | HOOFDSTROOM |   |   | STORING |   |   | IN BEDRIJF |   |    |    |    | TEMPERATUROPNEMER |    |    |
|   | VENTILATOR  |   |   |         |   |   |            |   |    |    |    | PT100             |    |    |
|   | VL9040      |   |   |         |   |   |            |   |    |    |    | TT9041            |    |    |



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| 1 | 2       | 3 | 4               | 5 | 6 | 7 | 8 | 9 | 10          | 11             | 12            | 13      | 14         | 15 |
|   | FO      |   | LICHTSCHAKELAAR |   |   |   |   |   | VENTILATOR  | VENTILATOR     | FO            | STORING | THERMISTOR |    |
|   | BEDRIJF |   | SCHAKELRUIMTE   |   |   |   |   |   | STORING     | WERKSCHAKELAAR | FO IN BEDRIJF | FO      |            |    |
|   |         |   |                 |   |   |   |   |   | HOOFDSTROOM |                |               |         |            |    |



|       |       |
|-------|-------|
| M     | V     |
| 274/5 | 274/5 |
| 274/6 | 274/6 |



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MRK 05.1-2  
PLC configuratie

AWTG Zuidrand  
Stuurstroom  
VL9040 Ventilator Schakelruimte

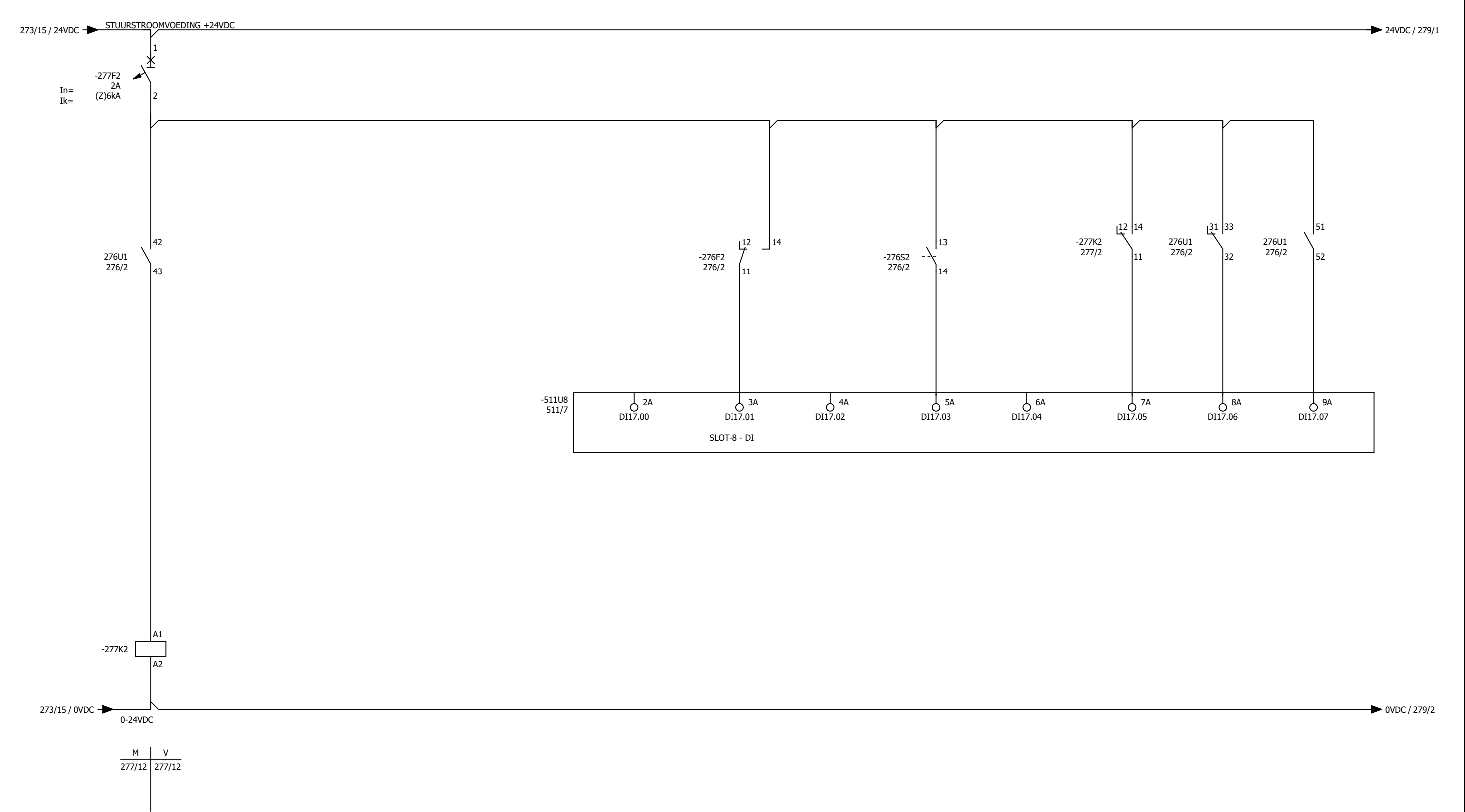
Dwight Bruno AS BUILT 11-04-2018

A3 NV-080-00023

275



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|   | BEDRIJF |   |         |   |   |         | STORING     |         |                |         |            |         |            |    |
|   |         |   | FO      |   |   |         | HOOFDSTROOM |         | VENTILATOR     | RESERVE | FO         | STORING |            |    |
|   |         |   | BEDRIJF |   |   | RESERVE | VENTILATOR  | RESERVE | WERKSCHAKELAAR |         | IN BEDRIJF | FO      | THERMISTOR |    |





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MRK 05.1-2  
PLC configuratie

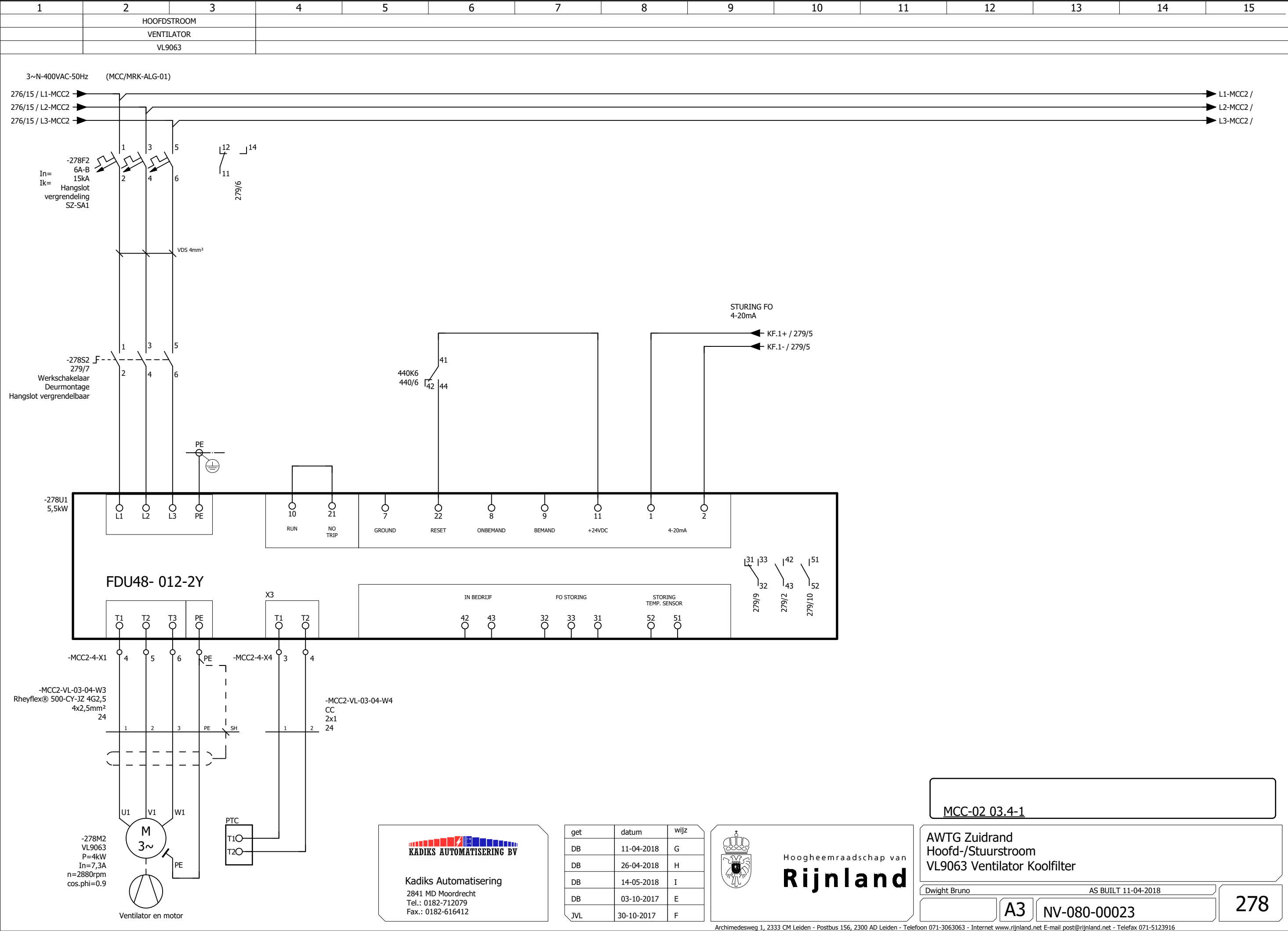
AWTG Zuidrand  
Stuurstroom  
VL9061 Ventilator Lavafilter

Dwight BrunoAS BUILT 11-04-2018

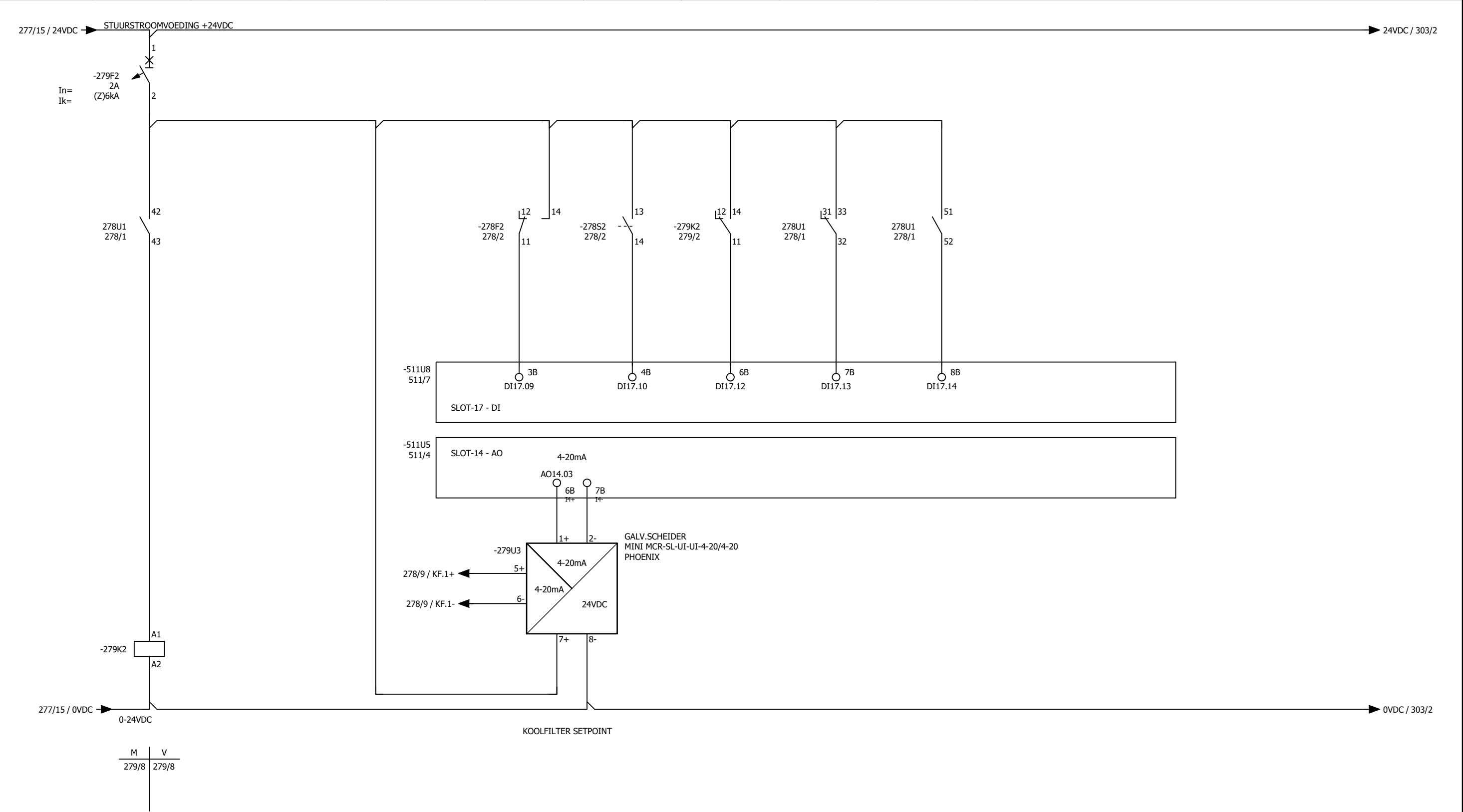
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NV-080-00023

277



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| 1 | 2           | 3 | 4       | 5 | 6           | 7              | 8          | 9       | 10         | 11 | 12 | 13 | 14 | 15 |
|   | VENTILATOR  |   |         |   | STORING     |                |            |         |            |    |    |    |    |    |
|   | STORING     |   | FO      |   | HOOFDSTROOM | VENTILATOR     | FO         | STORING |            |    |    |    |    |    |
|   | HOOFDSTROOM |   | BEDRIJF |   | VENTILATOR  | WERKSCHAKELAAR | IN BEDRIJF | FO      | THERMISTOR |    |    |    |    |    |



M V  
279/8 279/8



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| JVL | 30-10-2017 | F    |



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MRK 05.1-2  
PLC configuratie

AWTG Zuidrand  
Stuurstroom  
VL9063 Ventilator Koelfilter

Dwight Bruno

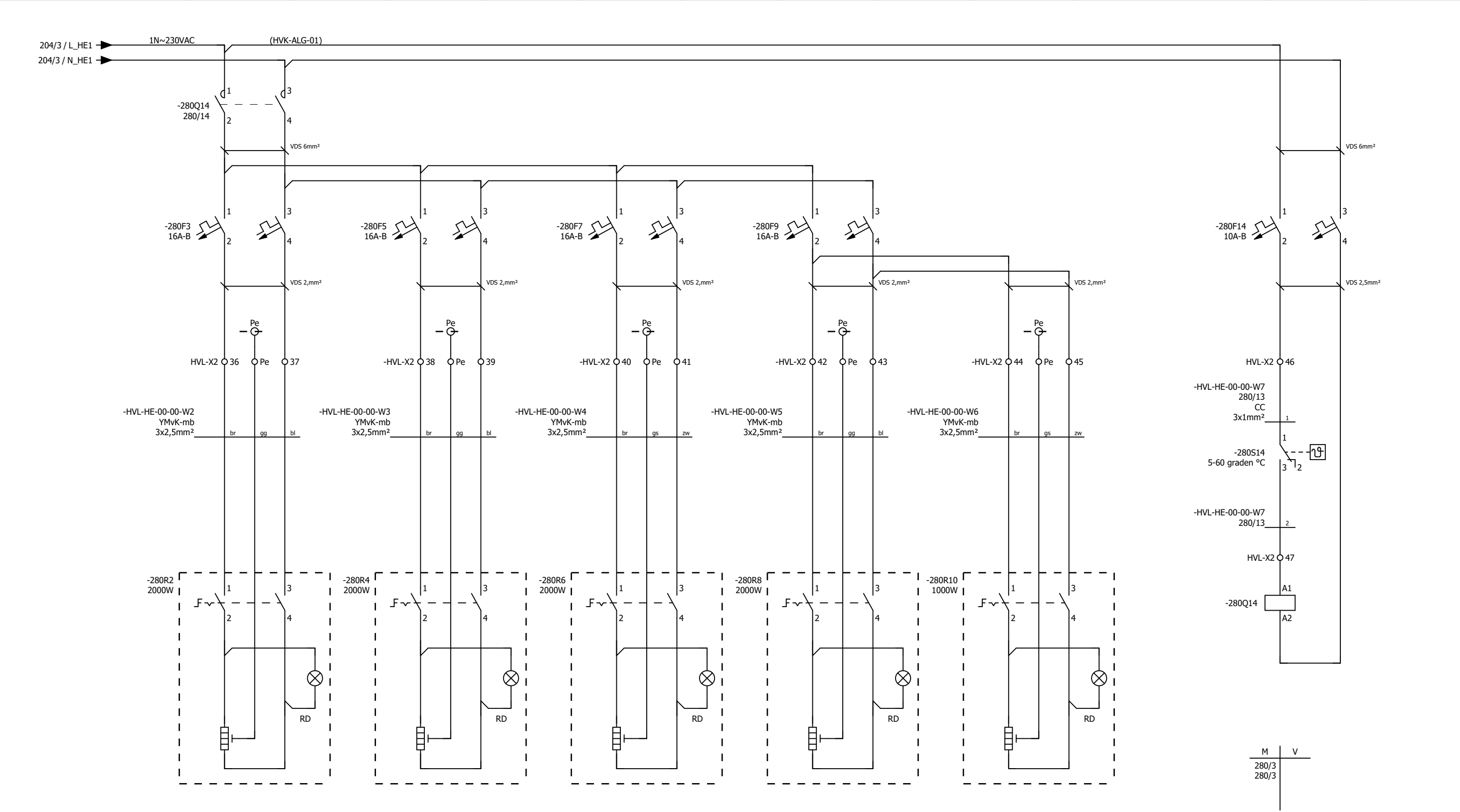
AS BUILT 11-04-2018

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NV-080-00023

279

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| 1 | 2 | 3            | 4 | 5            | 6 | 7            | 8 | 9            | 10 | 11           | 12 | 13 | 14           | 15 |
|   |   | VERWARMING   |   | VERWARMING   |   | VERWARMING   |   | VERWARMING   |    | VERWARMING   |    |    | THERMOSTAAT  |    |
|   |   | POMPENKELDER |   | POMPENKELDER |   | POMPENKELDER |   | POMPENKELDER |    | POMPENKELDER |    |    | POMPENKELDER |    |
|   |   | HE9080       |   | HE9081       |   | HE9082       |   | HE9083       |    | HE9084       |    |    | TS9080       |    |



HVK/HVL 00.1-1

AWTG Zuidrand  
Hoofd-/Stuurstroom Verwarming pompkelder  
Verwarming HVL HE9080 HE9081

Dwight Bruno

AS BUILT 11-04-2018

A3

NV-080-00023

280



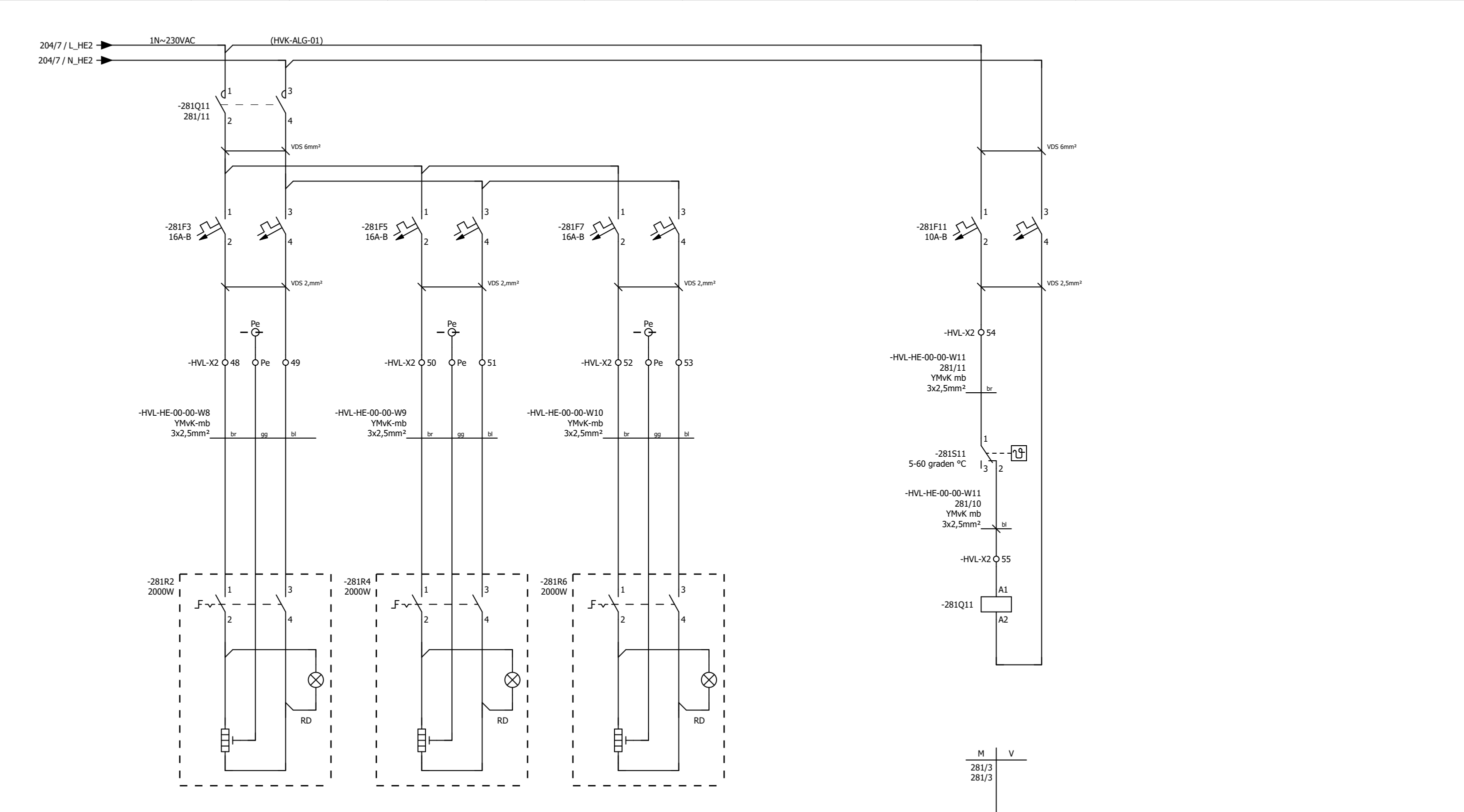
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| JVL | 30-10-2017 | F    |



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|   |   |                |   |                |   |                |   |   |    |                |    |    |    |    |
|---|---|----------------|---|----------------|---|----------------|---|---|----|----------------|----|----|----|----|
| 1 | 2 | 3              | 4 | 5              | 6 | 7              | 8 | 9 | 10 | 11             | 12 | 13 | 14 | 15 |
|   |   | VERWARMING     |   | VERWARMING     |   | VERWARMING     |   |   |    | THERMOSTAAT    |    |    |    |    |
|   |   | GEURBEH.RUIMTE |   | GEURBEH.RUIMTE |   | GEURBEH.RUIMTE |   |   |    | GEURBEH.RUIMTE |    |    |    |    |
|   |   | HE9086         |   | HE9087         |   | HE9088         |   |   |    | TS9086         |    |    |    |    |



HVK/HVL 00.1-1



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| DB  | 03-10-2017 | E    |
| JVL | 30-10-2017 | F    |



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AWTG Zuidrand  
Hoofd-/Stuurstroom Verwarming geurbehan. ruimte  
Verwarming HVL HE9082 HE9083

Dwight Bruno

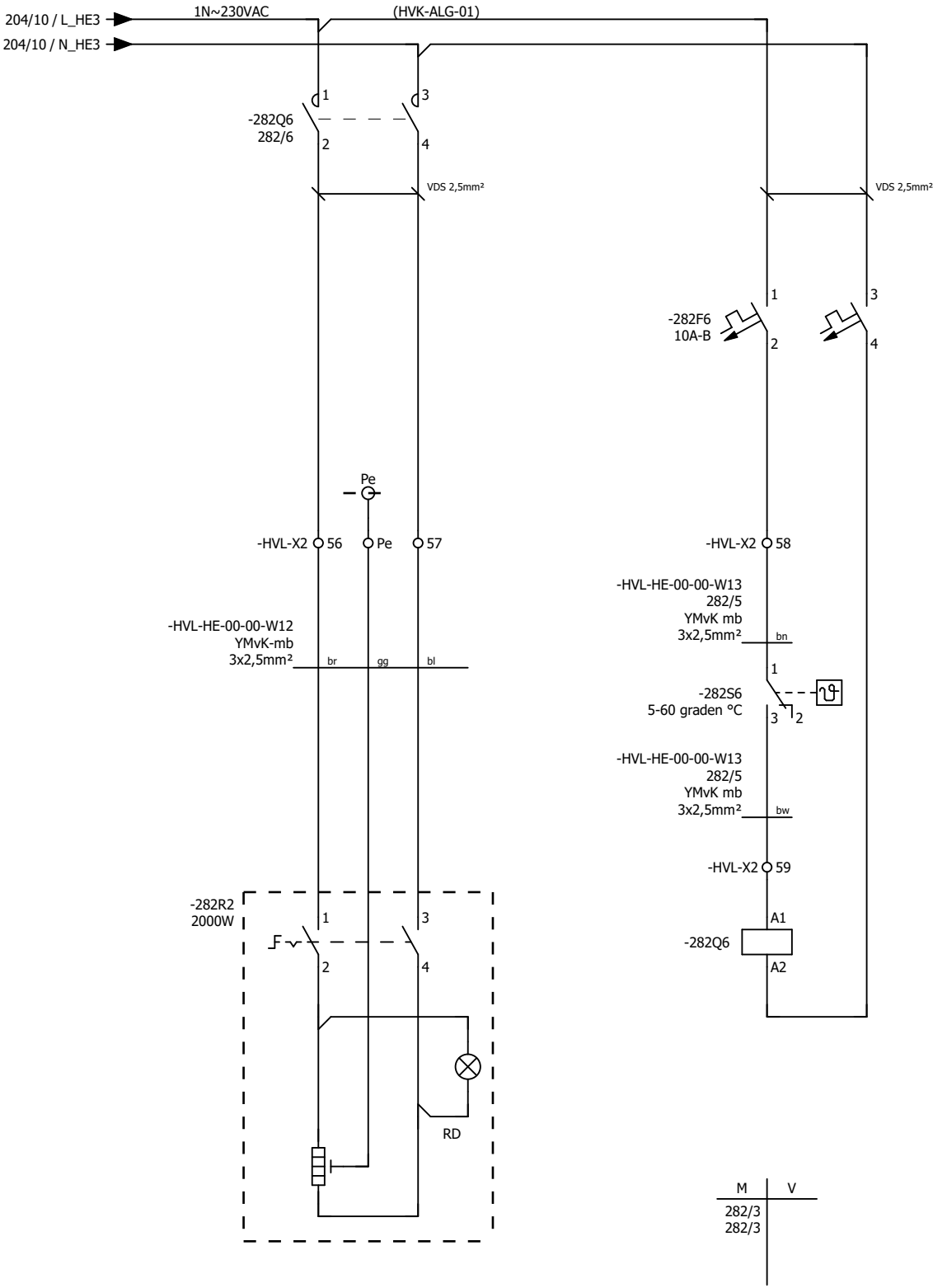
AS BUILT 11-04-2018

A3

NV-080-00023

281

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| 1 | 2 | 3             | 4 | 5 | 6             | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   |   | VERWARMING    |   |   | THERMOSTAAT   |   |   |   |    |    |    |    |    |    |
|   |   | SCHAKELRUIMTE |   |   | SCHAKELRUIMTE |   |   |   |    |    |    |    |    |    |
|   |   | HE9085        |   |   | TS9085        |   |   |   |    |    |    |    |    |    |



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HVK/HVL 00.1-1

AWTG Zuidrand  
Hoofd-/Stuurstroom Verwarming schakelruimte  
Verwarming HVL HE9082 HE9083

Dwight Bruno

AS BUILT 11-04-2018

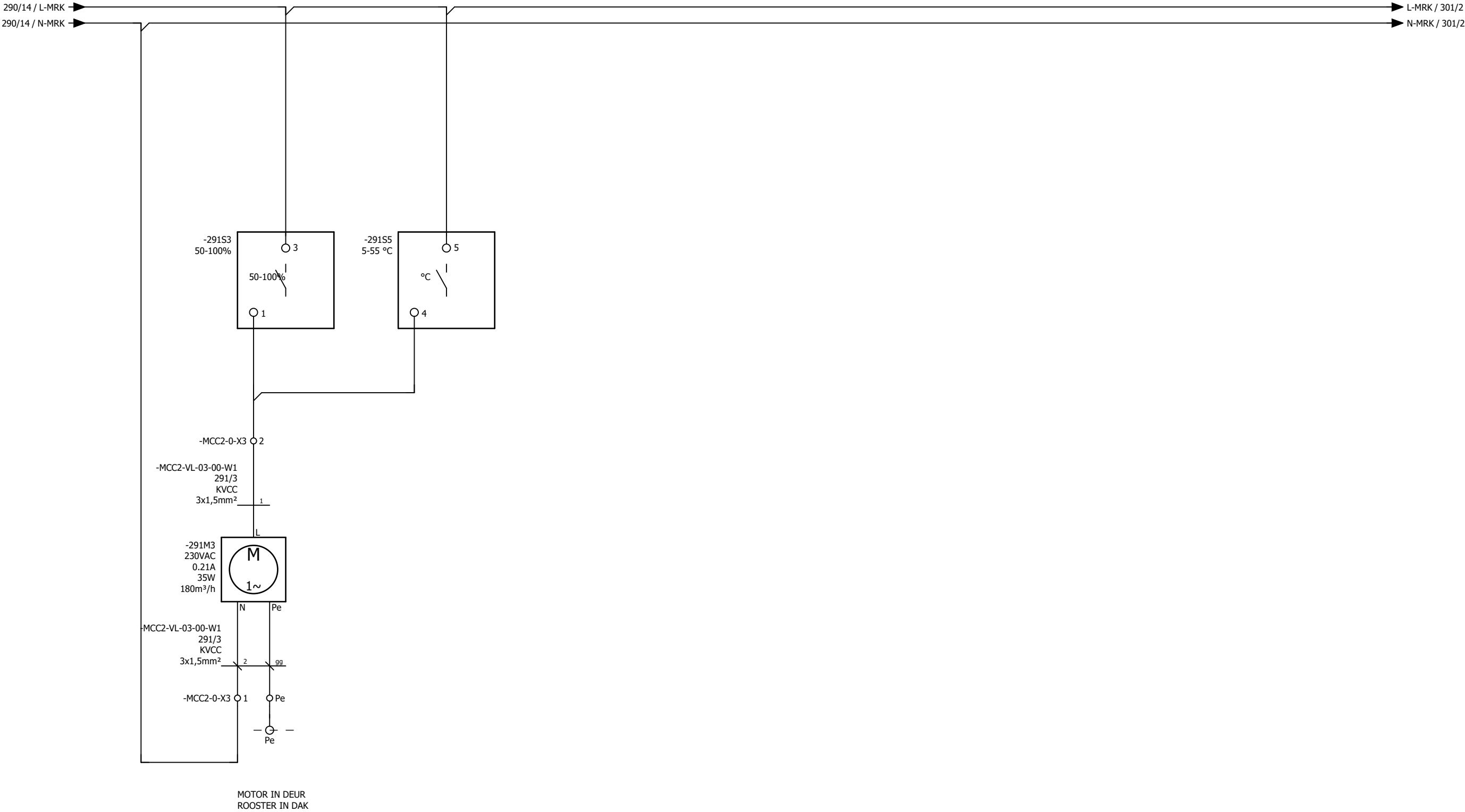
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282



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| 1                | 2 | 3           | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| KASTVENTILATOREN |   |             |   |   |   |   |   |   |    |    |    |    |    |    |
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| HYGROSTAAT       |   | THERMOSTAAT |   |   |   |   |   |   |    |    |    |    |    |    |



MCC-02 - MCC-03



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AWTG Zuidrand  
Kastventilatie 230VAC  
MRK/MCC/MCC-ALG

Dwight Bruno

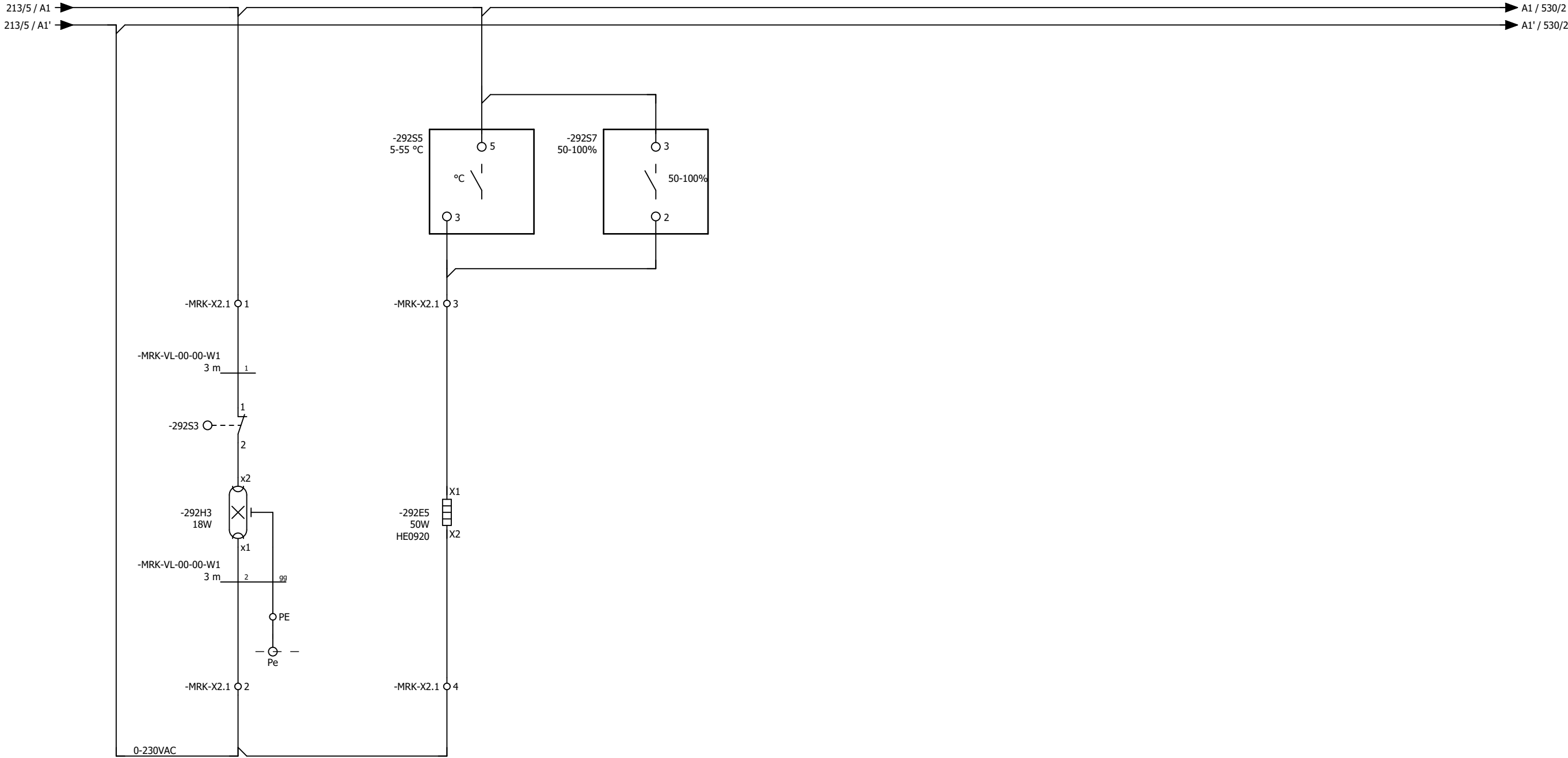
AS BUILT 11-04-2018

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291

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| 1 | 2 | 3               | 4 | 5                      | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   |   | KASTVERLICHTING |   | KASTVERWARMING         |   |   |   |   |    |    |    |    |    |    |
|   |   | MRK             |   | MRK                    |   |   |   |   |    |    |    |    |    |    |
|   |   |                 |   | THERMOSTAAT/HYGROSTAAT |   |   |   |   |    |    |    |    |    |    |



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AWTG Zuidrand  
Kastverlichting + Kastverwarming 230VAC

Dwight Bruno

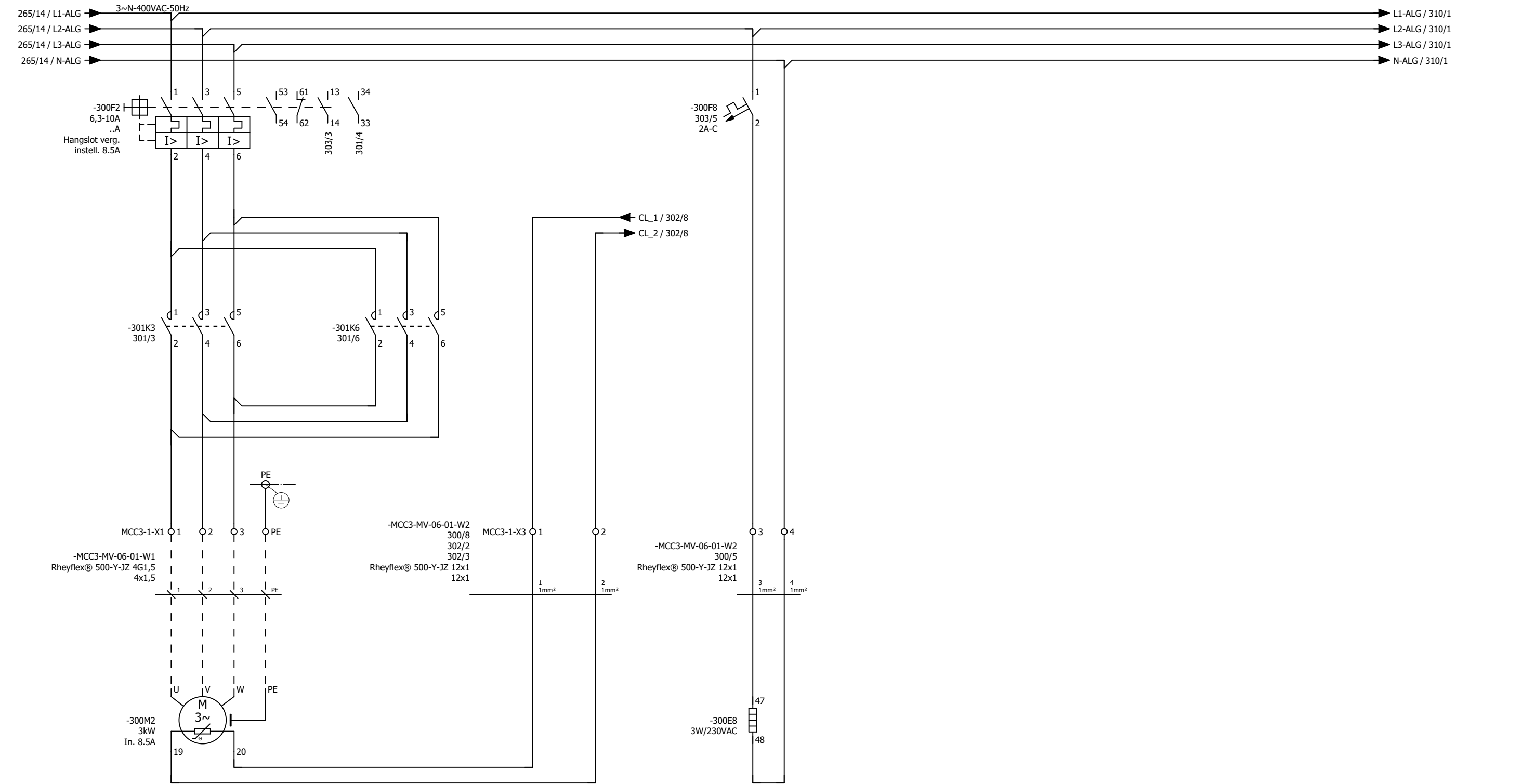
AS BUILT 11-04-2018

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NV-080-00023

292

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| 1 | 2           | 3 | 4 | 5 | 6 | 7 | 8          | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   | HOOFDSTROOM |   |   |   |   |   |            |   |    |    |    |    |    |    |
|   | AFSLUITER   |   |   |   |   |   | STILSTAND  |   |    |    |    |    |    |    |
|   | MV1015      |   |   |   |   |   | VERWARMING |   |    |    |    |    |    |    |



Aandrijfmotor Afsluiter 1 MV-1015

Clixon Aandrijfmotor



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MCC-03 06.1-2

AWTG Zuidrand  
Hoofdstroomschema Afsluiter 1  
MV1015

Dwight Bruno

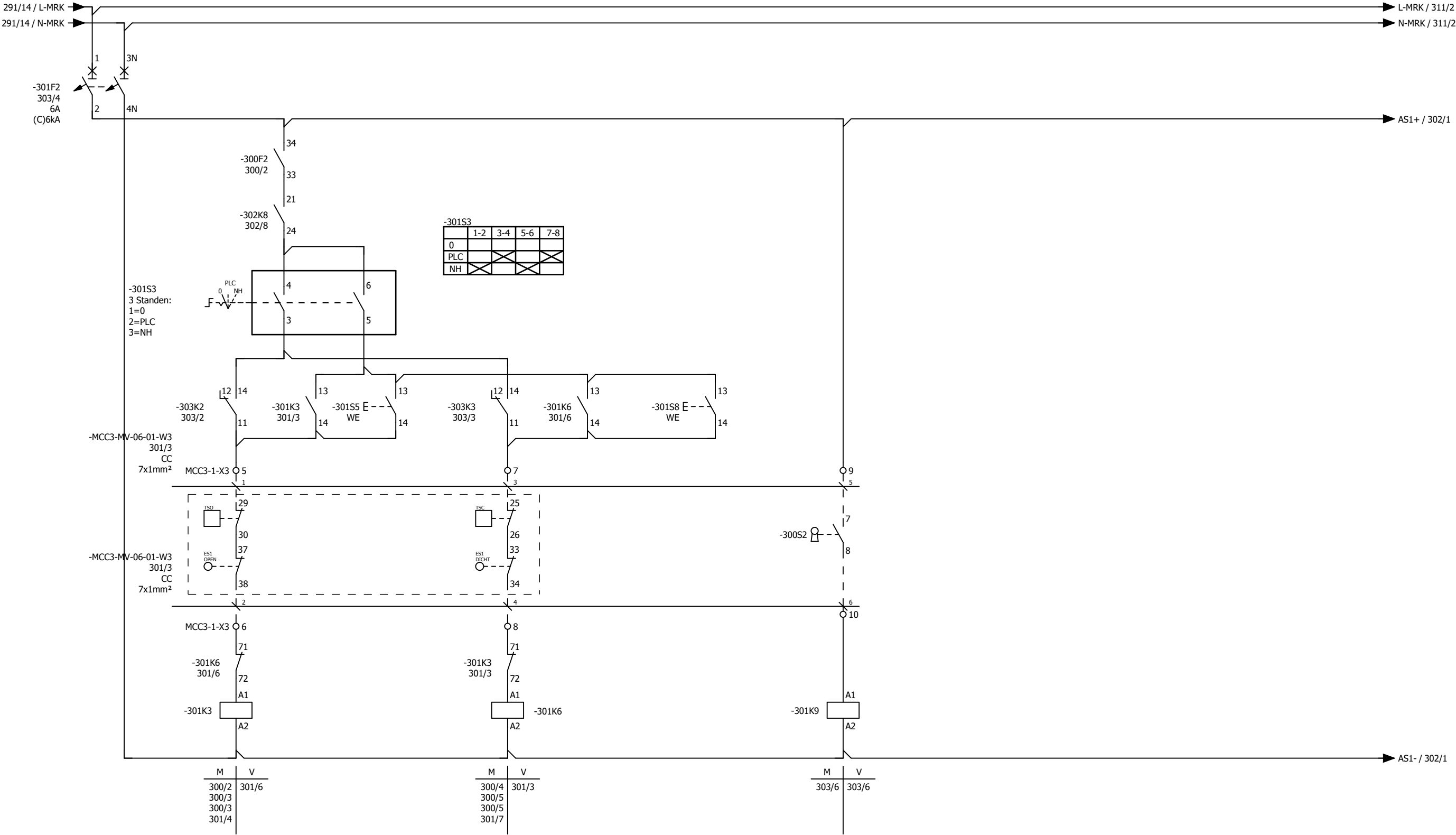
AS BUILT 11-04-2018

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NV-080-00023

300

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| 1 | 2           | 3 | 4         | 5 | 6 | 7         | 8 | 9              | 10 | 11 | 12 | 13 | 14 | 15 |
|   | BEVEILIGING |   | AFSLUITER |   |   | AFSLUITER |   | WERKSCHAKELAAR |    |    |    |    |    |    |
|   | STUURSTROOM |   | OPEN      |   |   | DICHT     |   |                |    |    |    |    |    |    |
|   |             |   |           |   |   |           |   |                |    |    |    |    |    |    |



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MCC-03 06.1-2

AWTG Zuidrand  
Stuurstroomschema Afsluiter 1  
MV1015

Dwight Bruno

AS BUILT 11-04-2018

A3

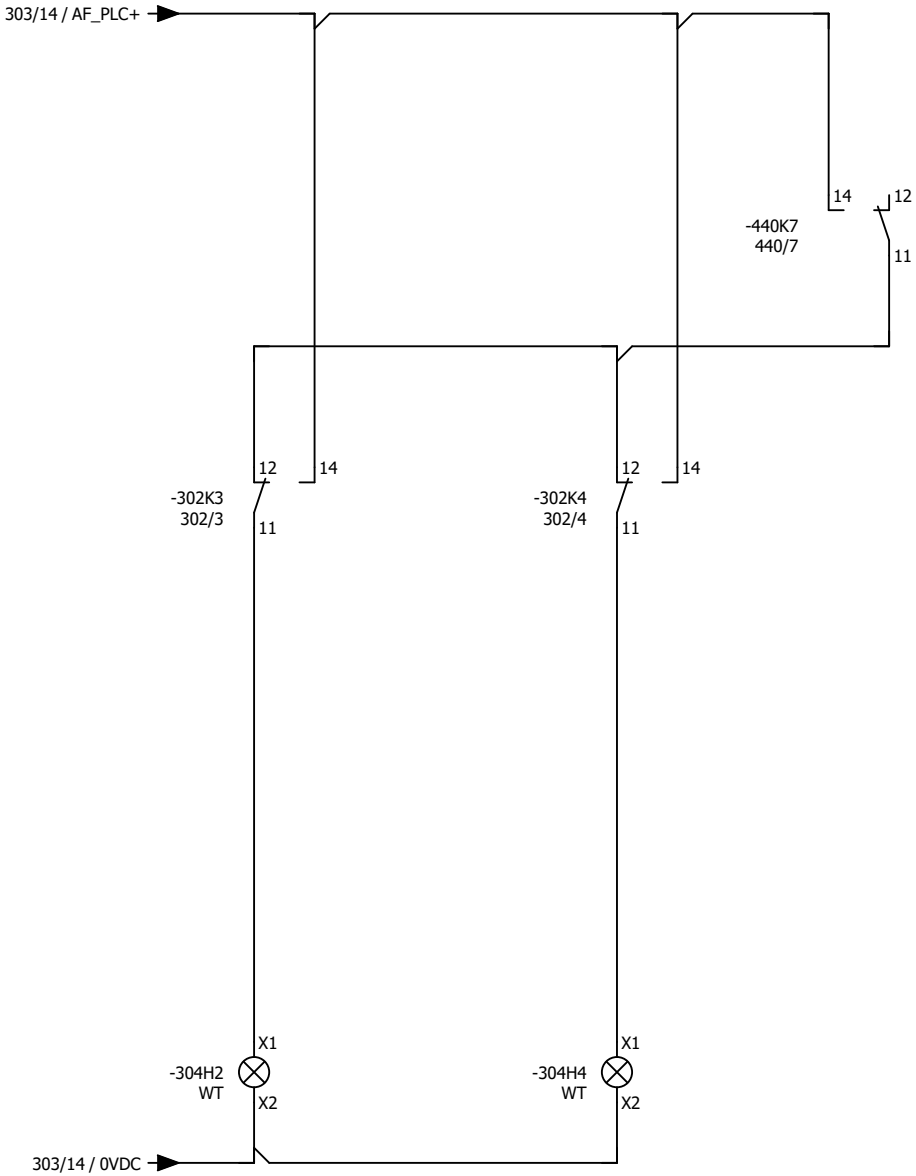
NV-080-00023

301





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| 1       | 2           | 3 | 4           | 5          | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|         | SIGNALERING |   | SIGNALERING |            |   |   |   |   |    |    |    |    |    |    |
| VOEDING | OPEN        |   | DICHT       | LAMPENTEST |   |   |   |   |    |    |    |    |    |    |



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MCC-03 06.1-2

AWTG Zuidrand  
Stuurstroomschema Afsluiter 1  
MV1015

Dwight Bruno

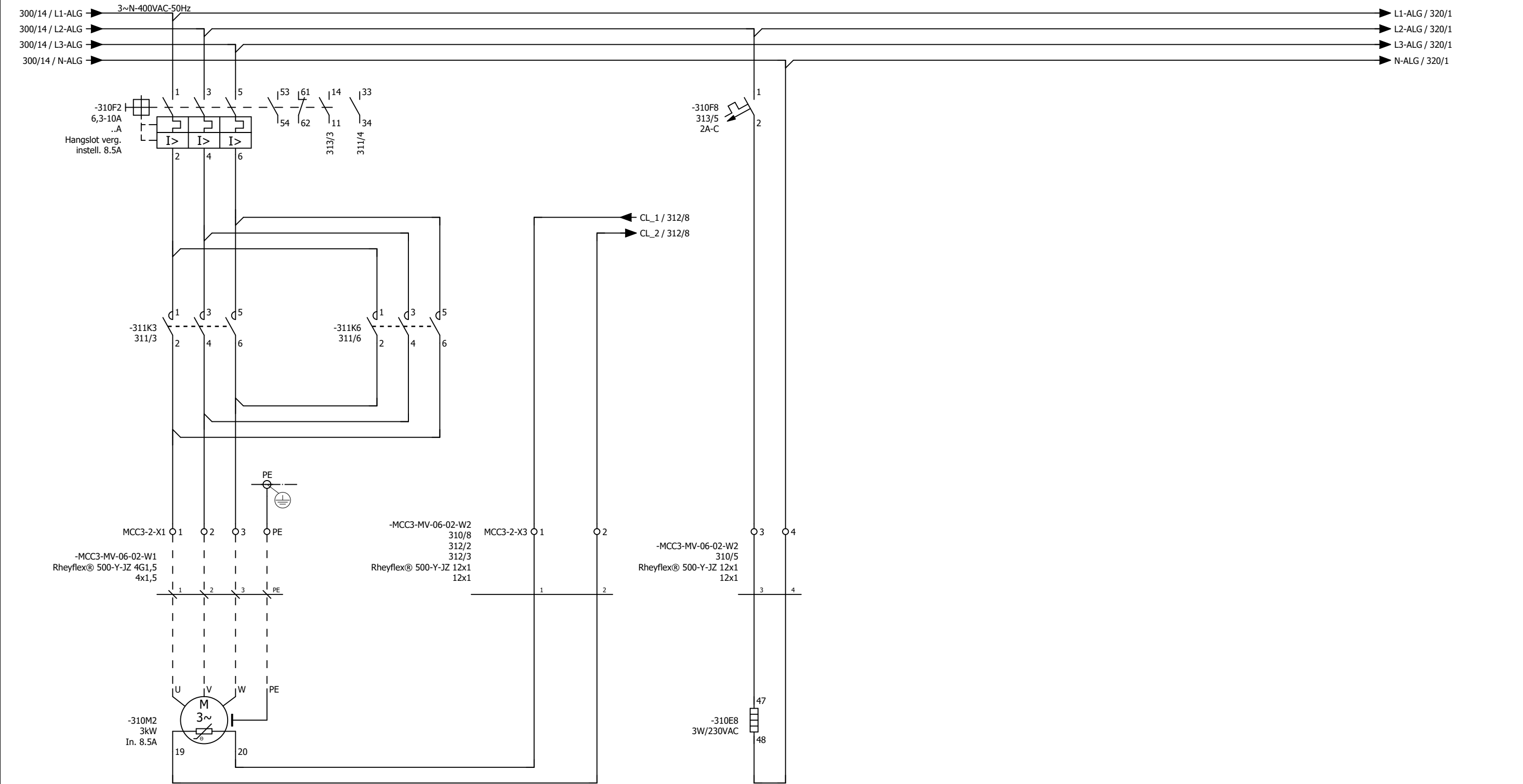
AS BUILT 11-04-2018

A3

NV-080-00023

304

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| 1 | 2           | 3 | 4 | 5 | 6 | 7 | 8          | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   | HOOFDSTROOM |   |   |   |   |   |            |   |    |    |    |    |    |    |
|   | AFSLUITER   |   |   |   |   |   | STILSTAND  |   |    |    |    |    |    |    |
|   | MV1016      |   |   |   |   |   | VERWARMING |   |    |    |    |    |    |    |



Aandrijfmotor Afsluiting 2 MV-1016

Clixon Aandrijfmotor

MCC-03 06.2-2



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Fax.: 0182-616412

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AWTG Zuidrand  
Hoofdstroomschema Afsluiting 2  
MV1016

Dwight Bruno

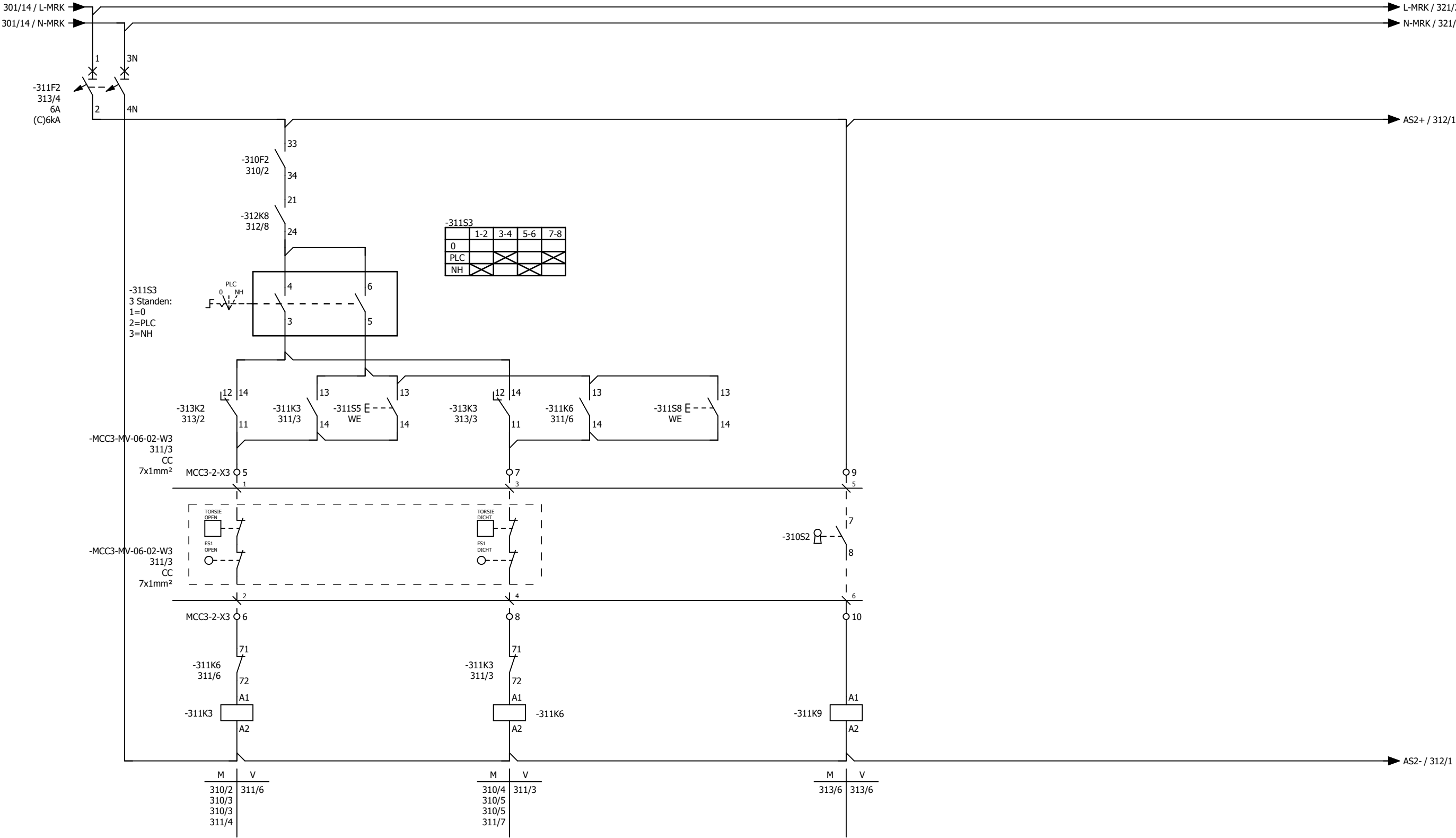
AS BUILT 11-04-2018

A3

NV-080-00023

310

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| 1 | 2           | 3         | 4 | 5 | 6         | 7 | 8 | 9              | 10 | 11 | 12 | 13 | 14 | 15 |
|   | BEVEILIGING | AFSLUITER |   |   | AFSLUITER |   |   |                |    |    |    |    |    |    |
|   | STUURSTROOM | OPEN      |   |   | DICHT     |   |   | WERKSCHAKELAAR |    |    |    |    |    |    |



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AWTG Zuidrand  
Stuurstroomschema Afsluiter 2  
MV1016

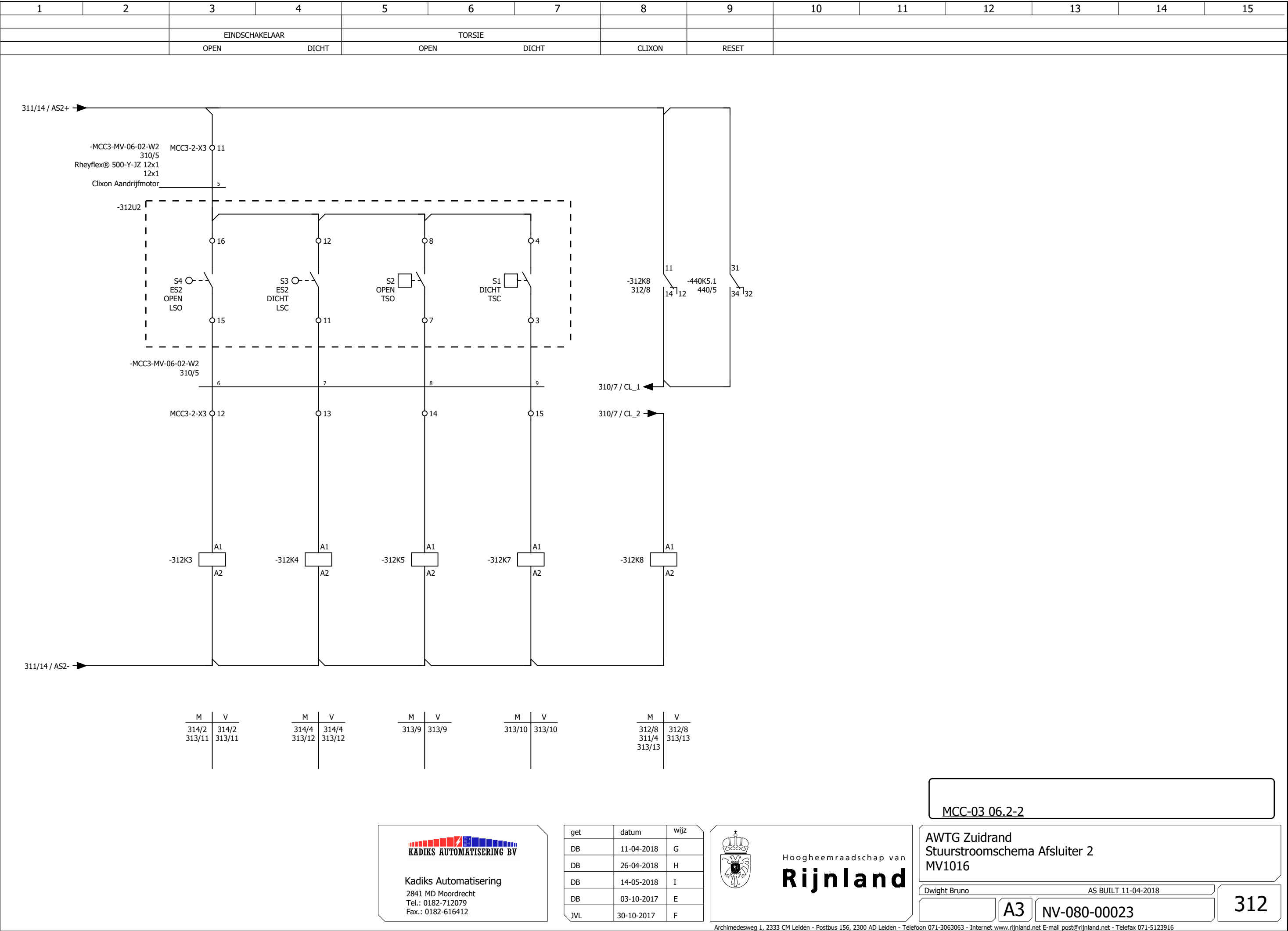
Dwight Bruno

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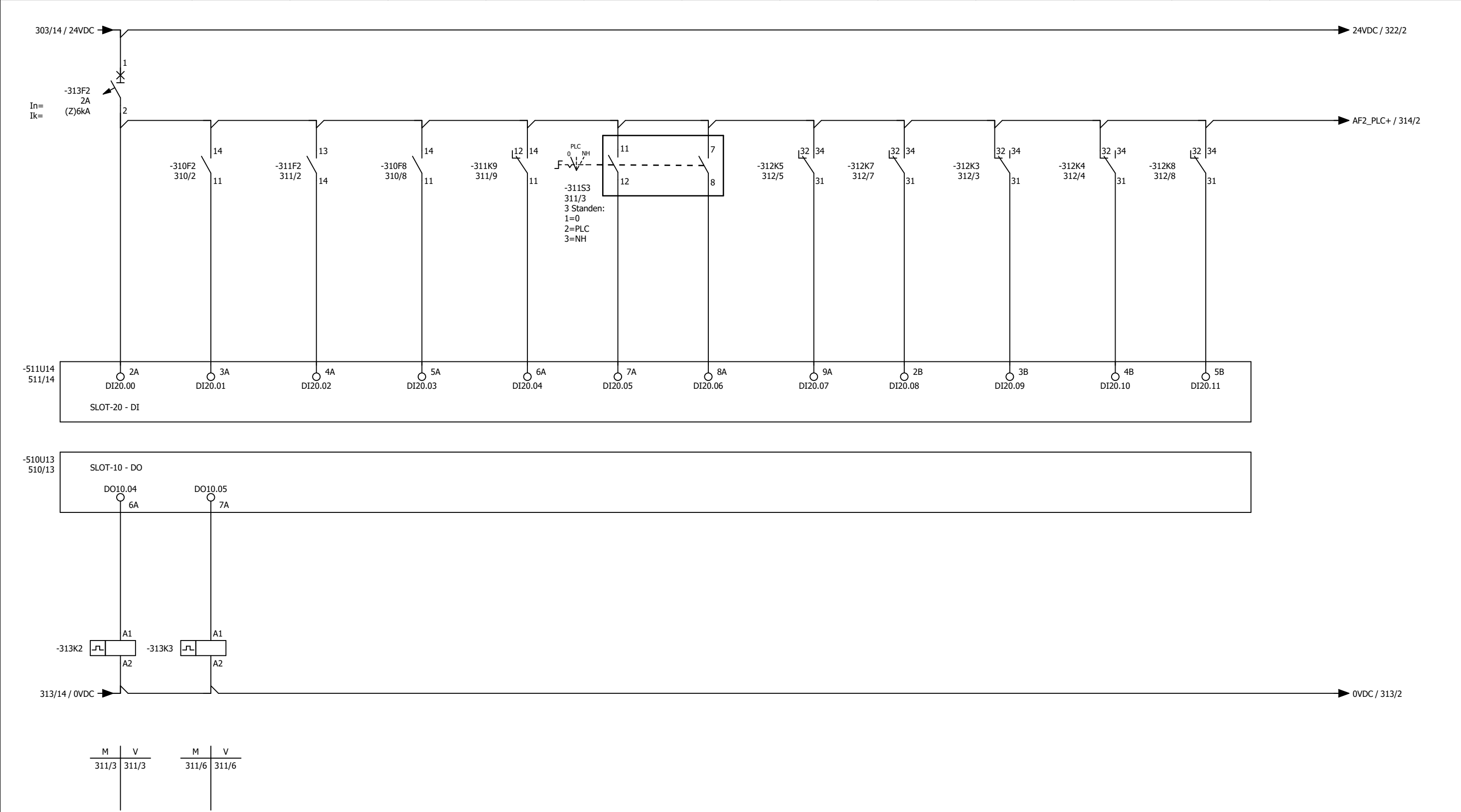
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311



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| 1           | 2 | 3           | 4           | 5          | 6              | 7                    | 8        | 9              | 10    | 11           | 12    | 13     | 14 | 15 |
| STORING     |   |             | STORING     | STORING    |                |                      |          |                |       |              |       |        |    |    |
| STUURSTROOM |   | STORING     | STUURSTROOM | STILSTAND  | STAND          | BEDIENINGSSCHAKELAAR |          | STORING TORSIE |       | STANDMELDING |       |        |    |    |
| 24VDC       |   | HOOFDSTROOM | 230VAC      | VERWARMING | WERKSCHAKELAAR | PLC                  | NOODHAND | OPEN           | DICHT | OPEN         | DICHT | CLIXON |    |    |



MRK 05.1-2  
PLC configuratie

AWTG Zuidrand  
Digitale in/uitgangen Afsluiter 2  
MV1016

Dwight Bruno

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313



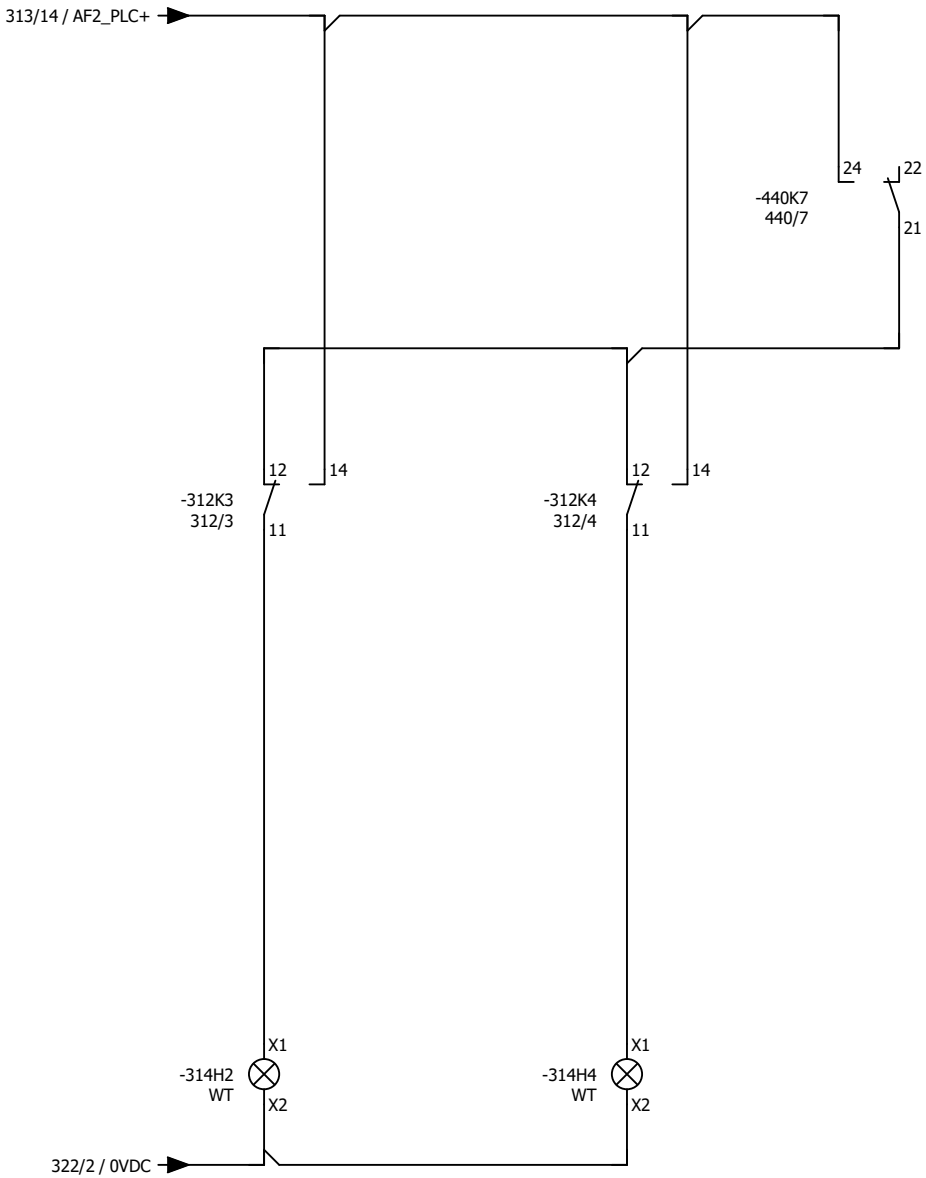
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| 1       | 2           | 3 | 4           | 5          | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|         | SIGNALERING |   | SIGNALERING |            |   |   |   |   |    |    |    |    |    |    |
| VOEDING | OPEN        |   | DICHT       | LAMPENTEST |   |   |   |   |    |    |    |    |    |    |





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MCC-03 06.2-2

AWTG Zuidrand  
Stuurstroomschema Afsluiter 2  
MV1016

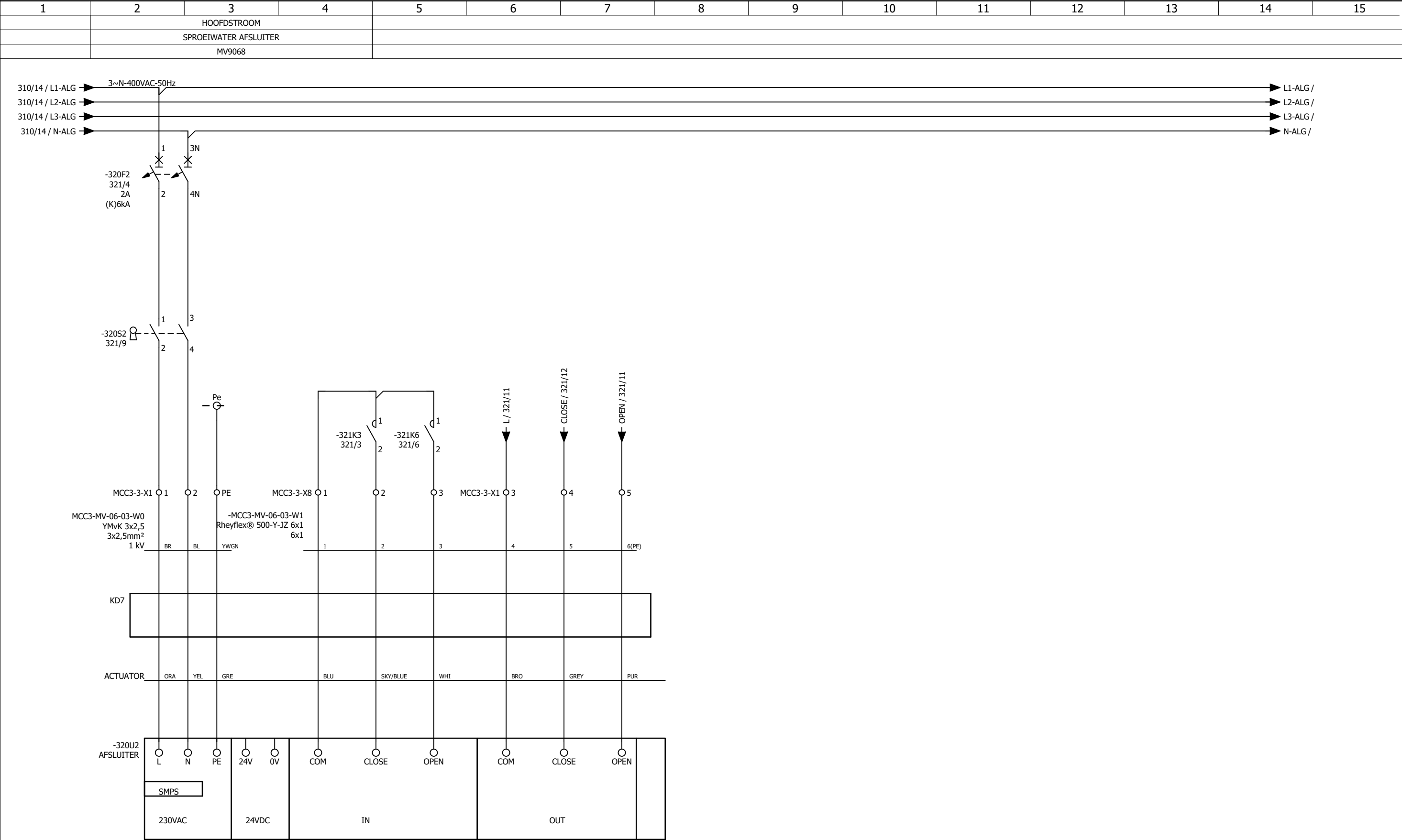
Dwight Bruno

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314



Magneet afsluiter  
MV9068

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MCC-03 06.3-2



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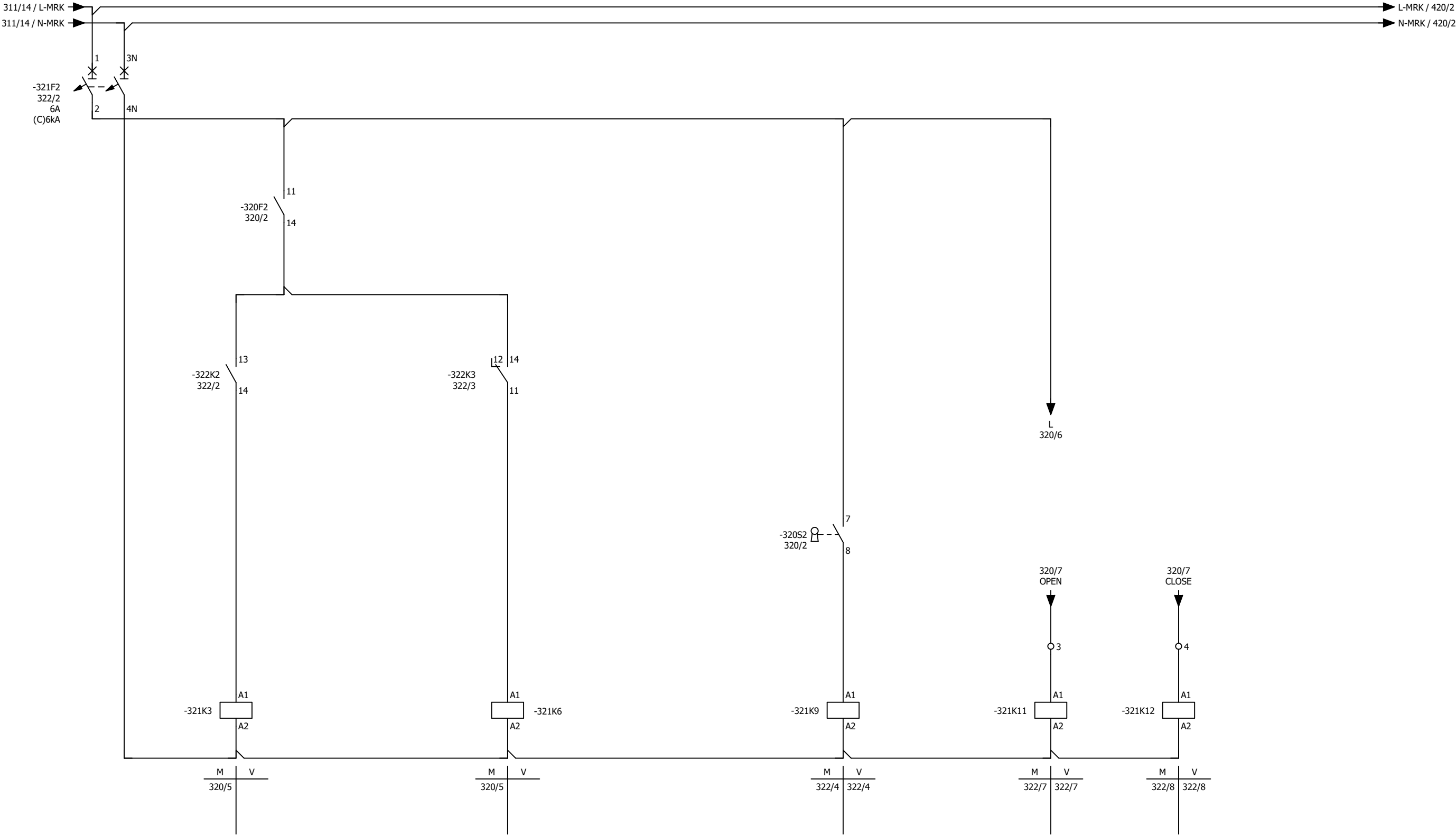
AWTG Zuidrand  
Hoofdstroomschema Sproeiwaterafsluiter  
MV9068

Dwight BrunoAS BUILT 11-04-2018

320

A3NV-080-00023

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| 1 | 2           | 3           | 4 | 5 | 6           | 7 | 8 | 9              | 10 | 11             | 12   | 13 | 14 | 15 |
|   | BEVEILIGING | SPROEIWATER |   |   | SPROEIWATER |   |   |                |    | EINDSCHAKELAAR |      |    |    |    |
|   | STUURSTROOM | OPEN        |   |   | DICHT       |   |   | WERKSCHAKELAAR |    | OPEN           | OPEN |    |    |    |



MCC-03 06.3-2



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AWTG Zuidrand  
Stuurstroomschema Sproeiwaterafsluiter  
MV9068

Dwight Bruno

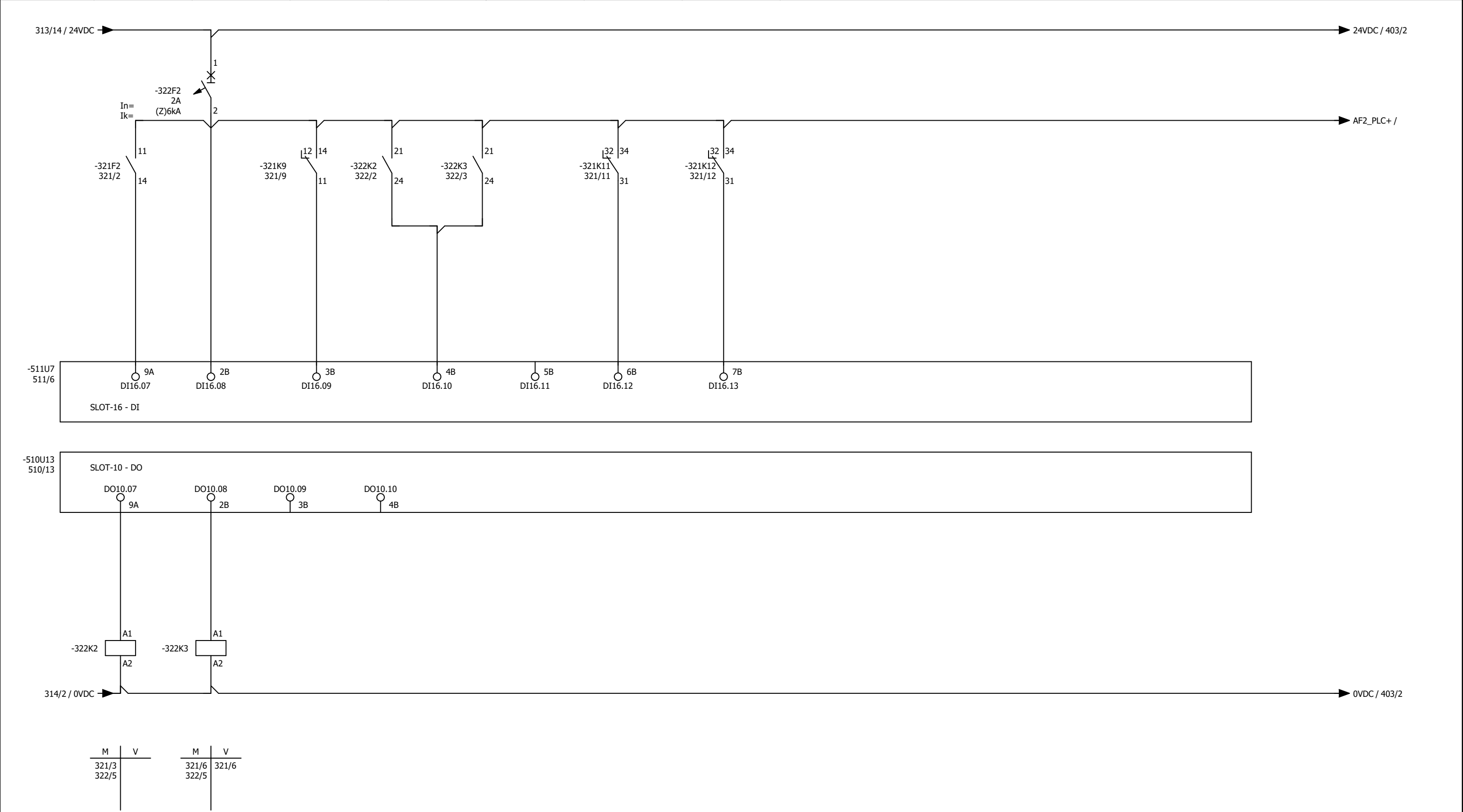
AS BUILT 11-04-2018

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321

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| 1 | 2           | 3           | 4              | 5          | 6       | 7           | 8     | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   |             | STORING     |                |            |         |             |       |   |    |    |    |    |    |    |
|   | STORING     | STUURSTROOM | WERKSCHAKELAAR | PLC        |         | EINDCONTACT |       |   |    |    |    |    |    |    |
|   | HOOFDSTROOM | 24VDC       | UIT            | IN BEDRIJF | RESERVE | OPEN        | DICHT |   |    |    |    |    |    |    |



MRK 05.1-2  
PLC configuratie

AWTG Zuidrand  
Digitale in/uitgangen Sproeiwaterafsluiter  
MV9068

Dwight BrunoAS BUILT 11-04-2018

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322



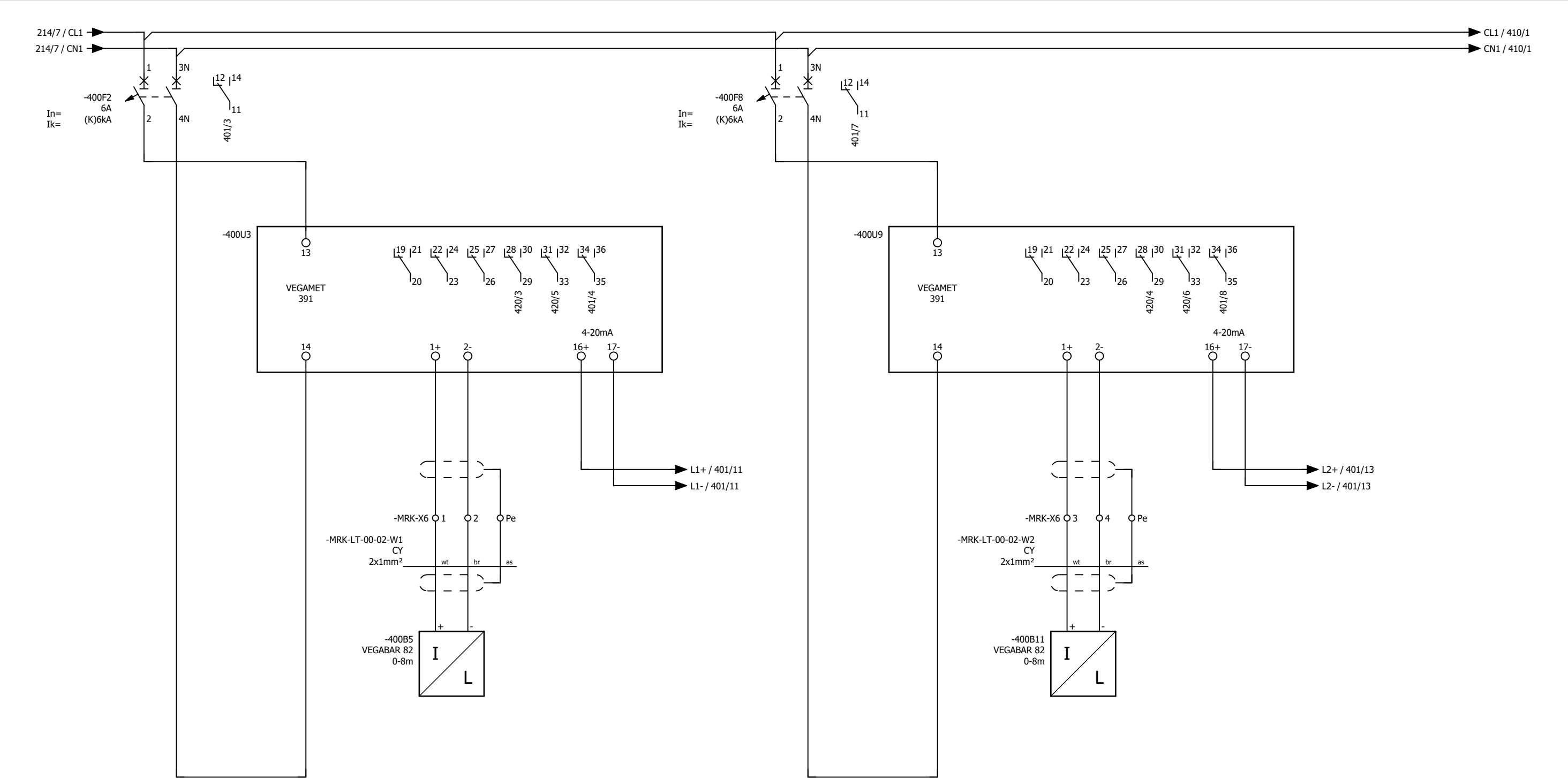
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| 1 | 2 | 3 | 4 | 5      | 6 | 7 | 8 | 9 | 10 | 11 | 12     | 13 | 14 | 15 |
|   |   |   |   | NIVEAU |   |   |   |   |    |    | NIVEAU |    |    |    |
|   |   |   |   | LT1001 |   |   |   |   |    |    | LT1002 |    |    |    |





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MRK 05.2-2

AWTG Zuidrand  
Hoofdstroom LT1001/LT1002  
Niveaumeting vuilwaterkelder

Dwight Bruno

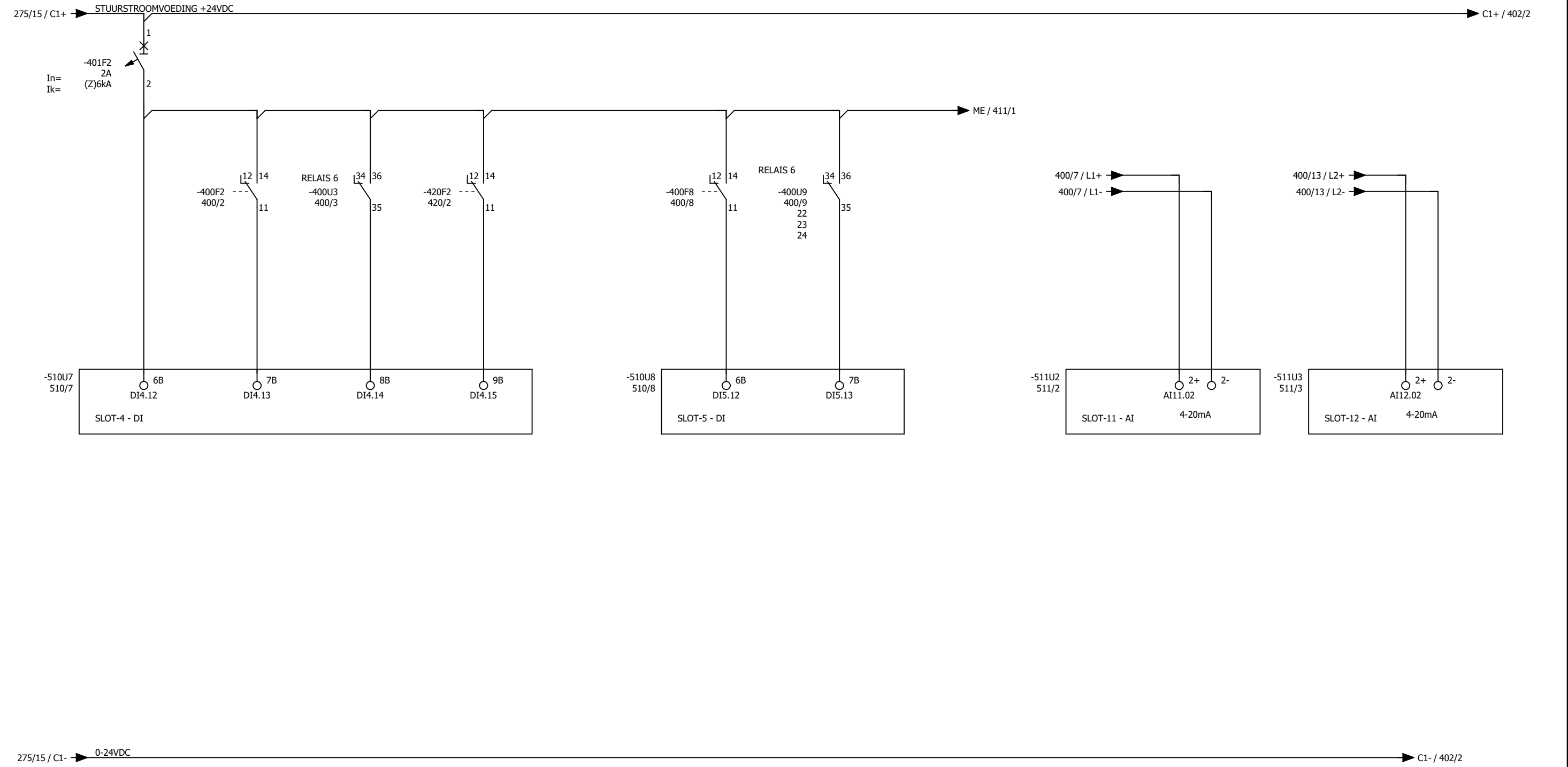
AS BUILT 11-04-2018

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400

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| 1 | 2               | 3       | 4        | 5               | 6 | 7 | 8           | 9       | 10 | 11 | 12     | 13 | 14     | 15 |
|   | STORING         | STORING | STORING  | STORING         |   |   | STORING     | STORING |    |    | NIVEAU |    | NIVEAU |    |
|   | STUURSTR. 24VDC | 230VAC  | METINGEN | STUURSTROOM     |   |   | STUURSTROOM |         |    |    |        |    |        |    |
|   | 24VDC METINGEN  | LT1001  | LT1001   | SEMI-AUTO BEDR. |   |   | LT1002      | LT1002  |    |    | LT1001 |    | LT1002 |    |





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MRK 05.1-2  
PLC configuratie

AWTG Zuidrand  
LT1001/LT1002 PLC  
Niveaumeting vuilwaterkelder

Dwight BrunoAS BUILT 11-04-2018

A3

NV-080-00023

401

|   |           |   |           |   |   |   |   |   |    |    |    |    |    |    |
|---|-----------|---|-----------|---|---|---|---|---|----|----|----|----|----|----|
| 1 | 2         | 3 | 4         | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   | BYPASS    |   | BYPASS    |   |   |   |   |   |    |    |    |    |    |    |
|   | AFSLUITER |   | AFSLUITER |   |   |   |   |   |    |    |    |    |    |    |
|   | OPEN      |   | DICHT     |   |   |   |   |   |    |    |    |    |    |    |



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MRK 05.1-2  
PLC configuratie

AWTG Zuidrand  
Bypass afsluiter GS1060

Dwight Bruno

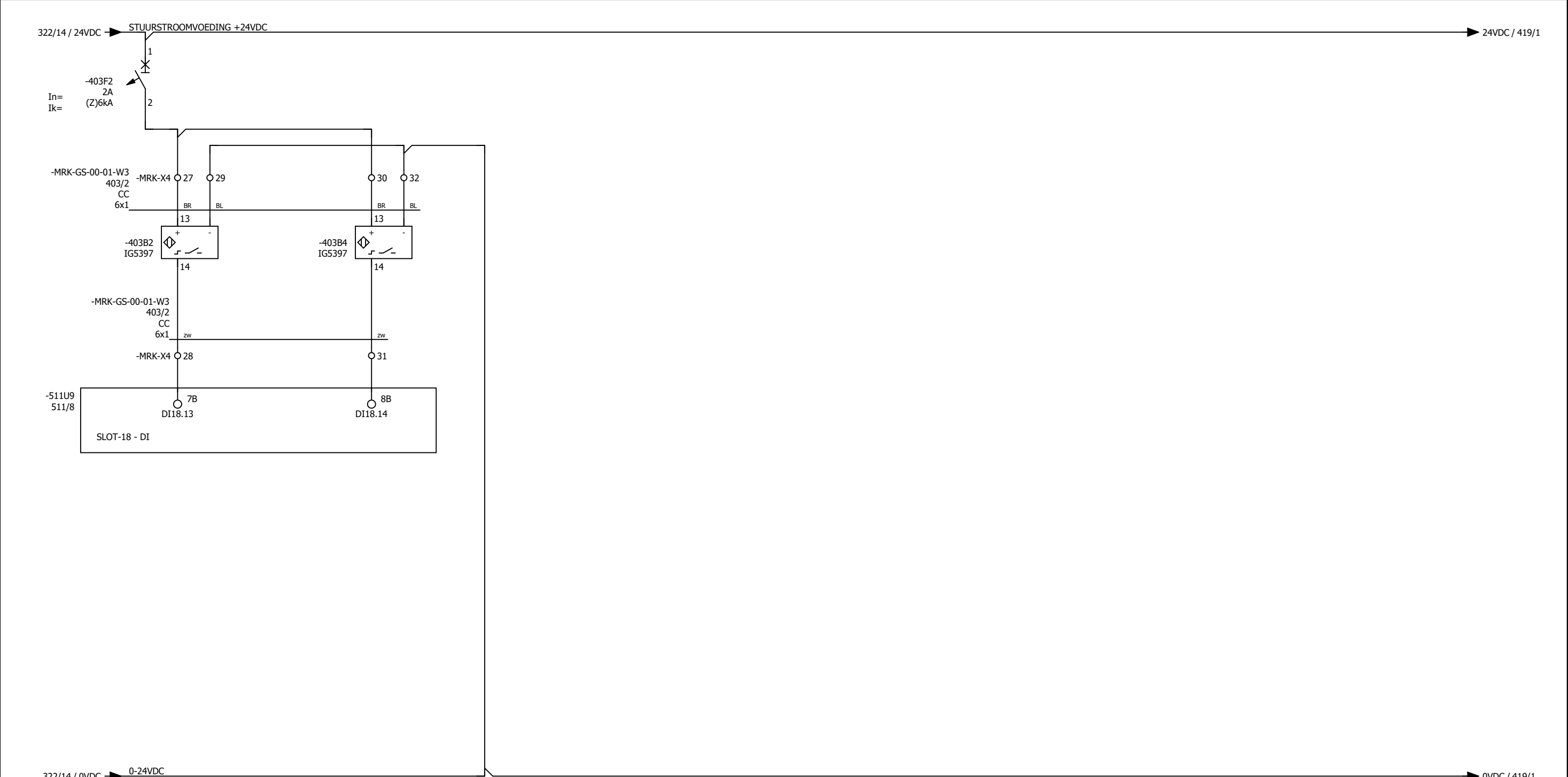
AS BUILT 11-04-2018

A3

NV-080-00023

402

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|   | PERSLEIDING |   | PERSLEIDING |   |   |   |   |   |    |    |    |    |    |    |
|   | AFSLUITER   |   | AFSLUITER   |   |   |   |   |   |    |    |    |    |    |    |
|   | OPEN        |   | DICHT       |   |   |   |   |   |    |    |    |    |    |    |





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MRK 05.1-2  
PLC configuratie

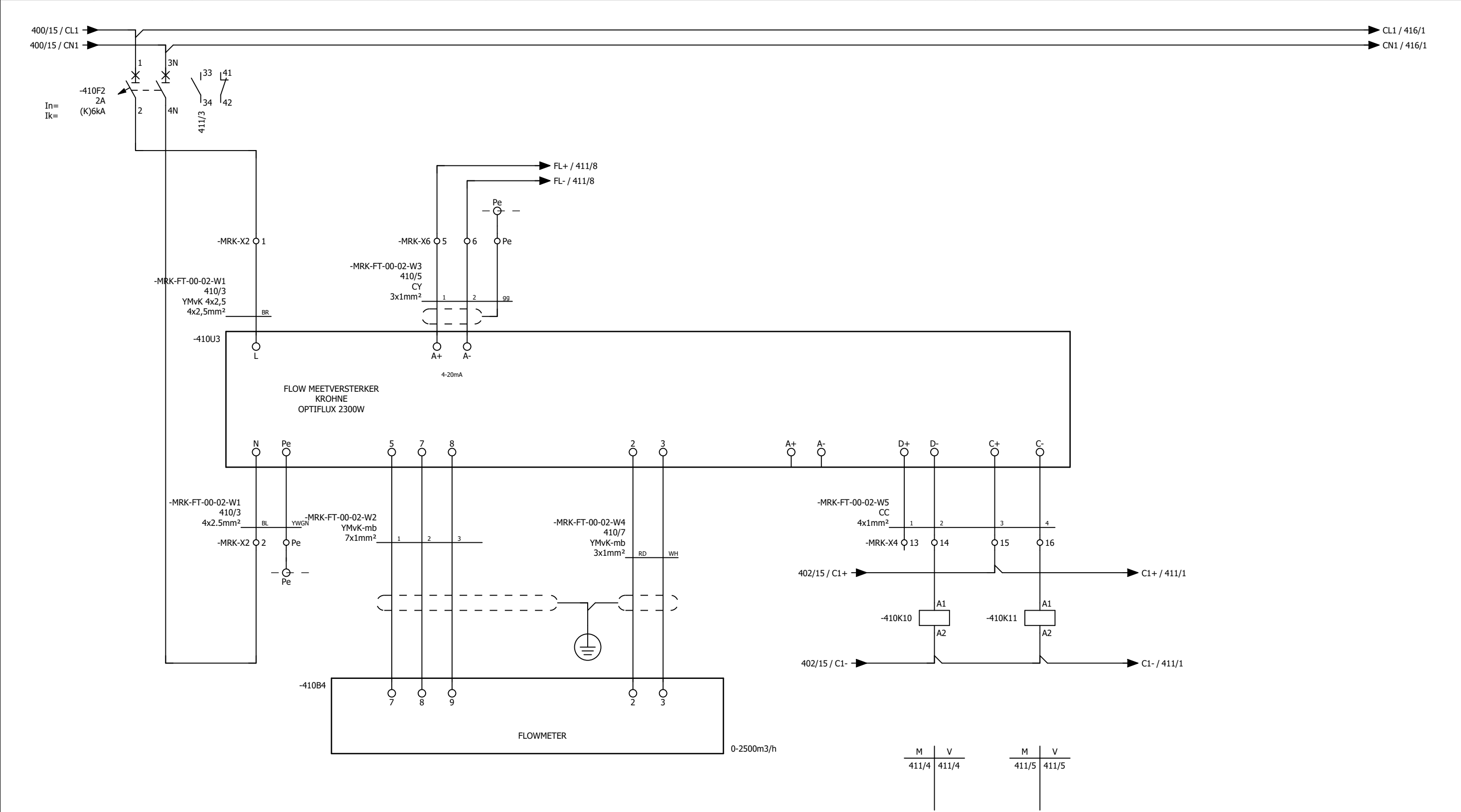
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Persleiding vanuit Rijsenhout GS1070

Dwight BrunoAS BUILT 11-04-2018

A3NV-080-00023

403

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| 1 | 2            | 3 | 4 | 5            | 6 | 7 | 8 | 9 | 10     | 11          | 12 | 13 | 14 | 15 |
|   | DEBIETMETING |   |   | DEBIETMETING |   |   |   |   | PULS   | STATUS      |    |    |    |    |
|   |              |   |   |              |   |   |   |   |        | NEG. DEBIET |    |    |    |    |
|   | FT1040       |   |   | FT1040       |   |   |   |   | FT1040 | FT1040      |    |    |    |    |



MRK 05.2-2



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AWTG Zuidrand  
Hoofdstroom FT1040  
Debietmeting naar Zwaanhoek

Dwight Bruno

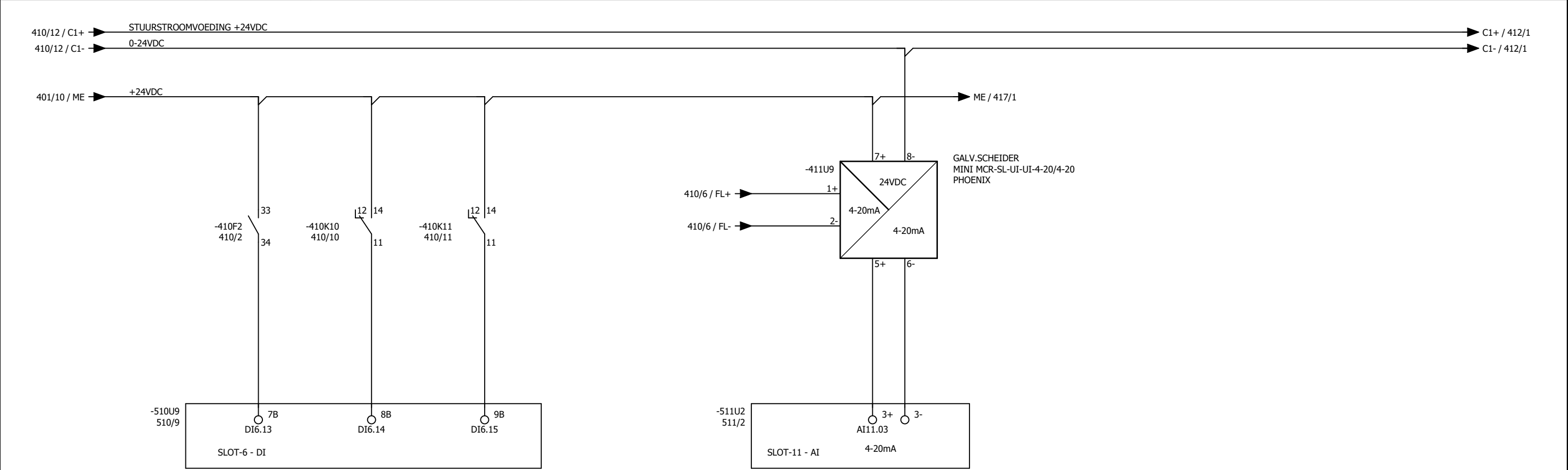
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NV-080-00023

410

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|   |   | STORING         | PULS   | STATUS      |   |   |   | DEBIET |    |    |    |    |    |    |
|   |   | STUURSTR.230VAC |        | NEG. DEBIET |   |   |   |        |    |    |    |    |    |    |
|   |   | DEBIET FT1040   | FT1040 | FT1040      |   |   |   | FT1040 |    |    |    |    |    |    |



MRK 05.1-2  
PLC configuratie



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AWTG Zuidrand  
FT1040 PLC  
Debietmeting naar Zwaanhoek

Dwight Bruno

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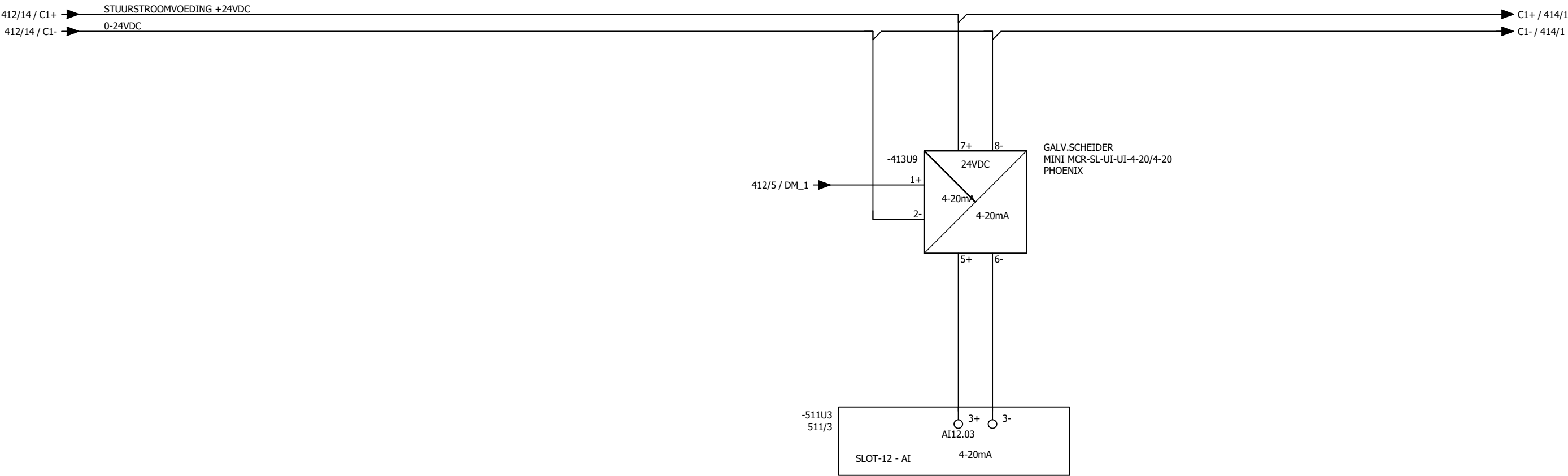
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NV-080-00023

411



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|   |   |   |   |   |   |   |   | PERSLEIDING |    |    |    |    |    |    |
|   |   |   |   |   |   |   |   | PT1041      |    |    |    |    |    |    |





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MRK 05.1-2  
PLC configuratie

AWTG Zuidrand  
PT1041 PLC  
Drukmeting persleiding naar Zwaanhoek nieuw

Dwight BrunoAS BUILT 11-04-2018

A3NV-080-00023

413

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|   |   |   | DRUKMETING  |   |   |   |   |   |    |    |    |    |    |    |
|   |   |   | PERSLEIDING |   |   |   |   |   |    |    |    |    |    |    |
|   |   |   | PT1042      |   |   |   |   |   |    |    |    |    |    |    |



MRK 05.2-2



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AWTG Zuidrand  
Hoofdstroom PT1042  
Drukmeting persleiding naar Zwaanhoek bestand

Dwight Bruno

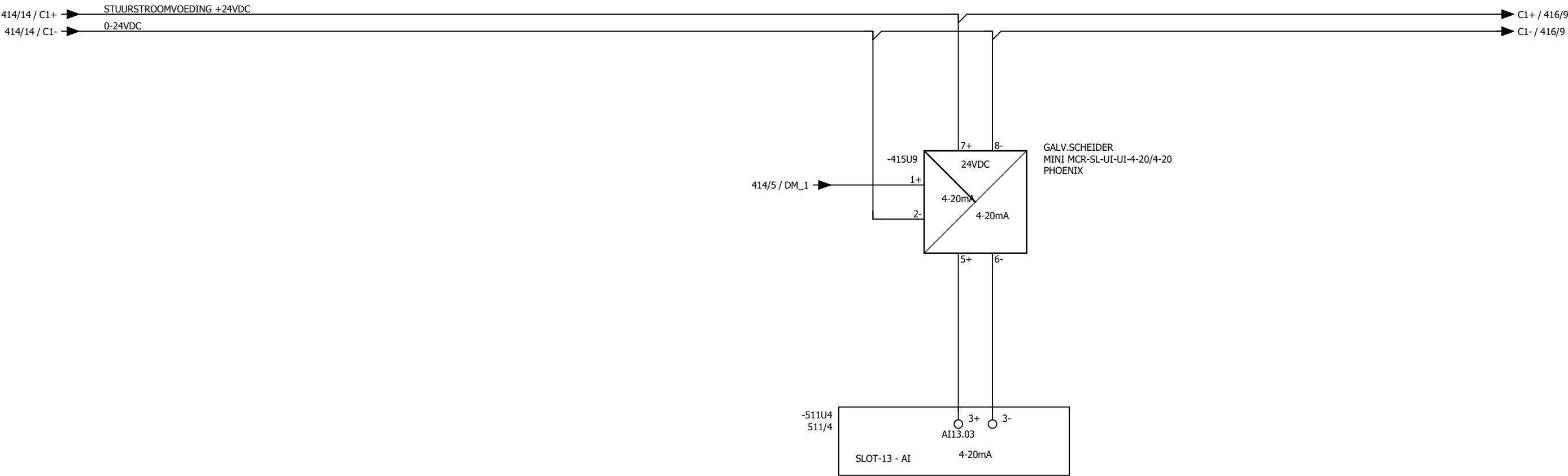
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NV-080-00023

414

|   |   |   |   |   |   |   |   |             |    |    |    |    |    |    |
|---|---|---|---|---|---|---|---|-------------|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9           | 10 | 11 | 12 | 13 | 14 | 15 |
|   |   |   |   |   |   |   |   | DRUKMETING  |    |    |    |    |    |    |
|   |   |   |   |   |   |   |   | PERSLEIDING |    |    |    |    |    |    |
|   |   |   |   |   |   |   |   | PT1042      |    |    |    |    |    |    |





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| DB  | 11-04-2018 | G    |
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| DB  | 03-10-2017 | E    |
| JVL | 30-10-2017 | F    |



Hoogheemraadschap van  
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MRK 05.1-2  
PLC configuratie

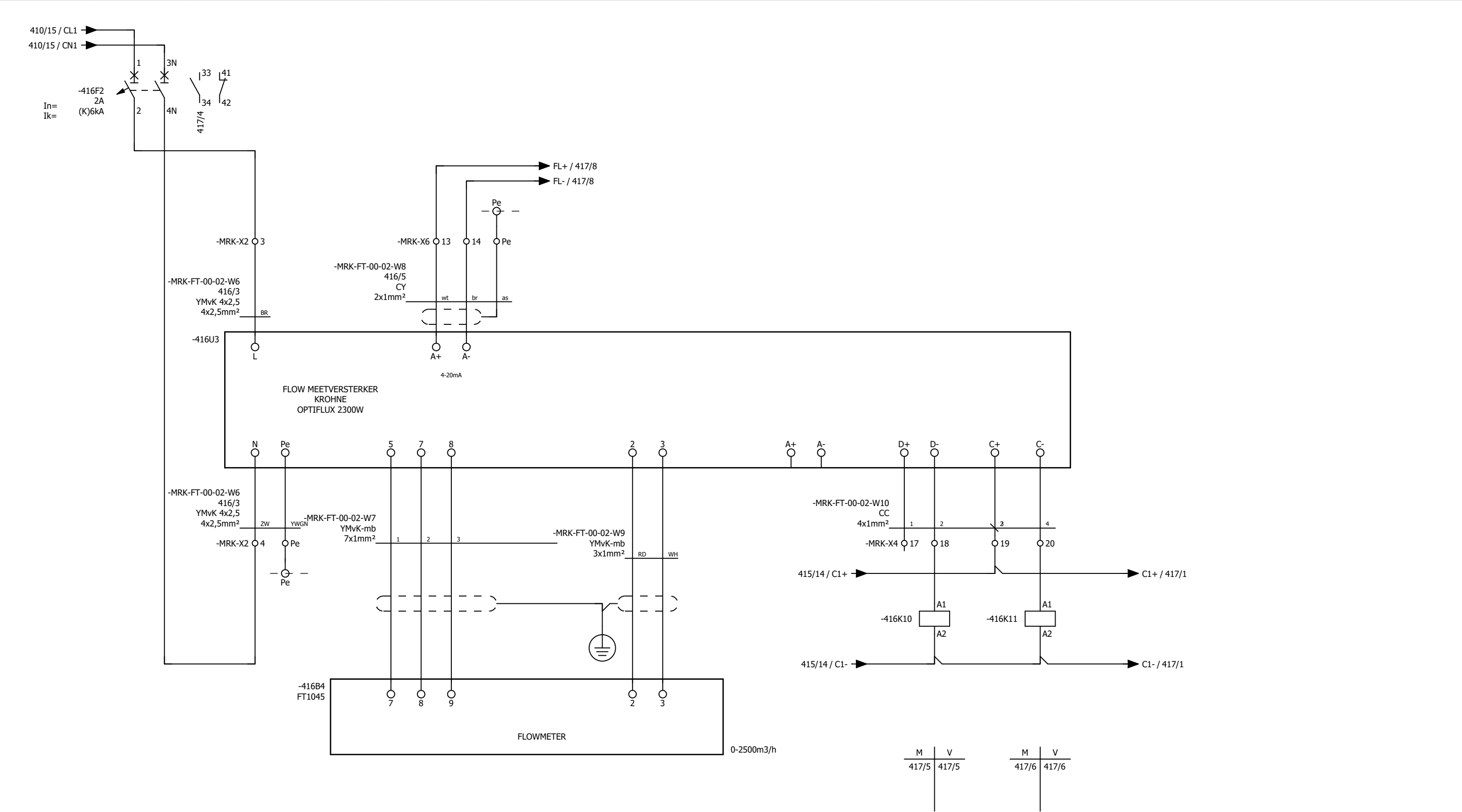
AWTG Zuidrand  
PT1042 PLC  
Drukmeting persleiding naar Zwaanhoek bestand

Dwight BrunoAS BUILT 11-04-2018

A3NV-080-00023

415

|   |              |   |   |              |   |   |   |   |        |             |    |    |    |    |
|---|--------------|---|---|--------------|---|---|---|---|--------|-------------|----|----|----|----|
| 1 | 2            | 3 | 4 | 5            | 6 | 7 | 8 | 9 | 10     | 11          | 12 | 13 | 14 | 15 |
|   | DEBIETMETING |   |   | DEBIETMETING |   |   |   |   | PULS   | STATUS      |    |    |    |    |
|   |              |   |   |              |   |   |   |   |        | NEG. DEBIET |    |    |    |    |
|   | FT1045       |   |   | FT1045       |   |   |   |   | FT1045 | FT1045      |    |    |    |    |



MRK 05.2-2



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AWTG Zuidrand  
Hoofdstroom FT1045  
Debietmeting naar Zwaanhoek bestand

Dwight Bruno

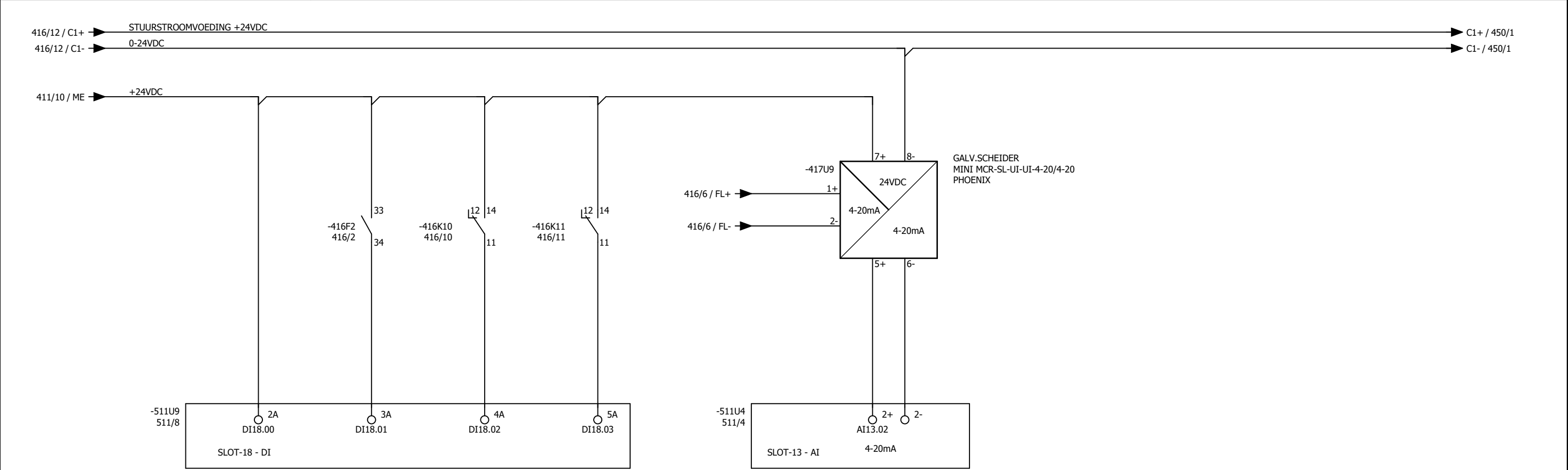
AS BUILT 11-04-2018

A3

NV-080-00023

416

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|---|---|----------------|----------------|--------|-------------|---|---|--------|----|----|----|----|----|----|
| 1 | 2 | 3              | 4              | 5      | 6           | 7 | 8 | 9      | 10 | 11 | 12 | 13 | 14 | 15 |
|   |   | STORING        | STORING        | PULS   | STATUS      |   |   | DEBIET |    |    |    |    |    |    |
|   |   | STUURSTR.24VDC | VOEDING.230VAC |        | NEG. DEBIET |   |   |        |    |    |    |    |    |    |
|   |   | DEBIET FT1045  | DEBIET FT1045  | FT1045 | FT1045      |   |   | FT1045 |    |    |    |    |    |    |



MRK 05.1-2  
PLC configuratie

AWTG Zuidrand  
FT1045 PLC  
Debietmeting naar Zwaanhoek bestand

Dwight Bruno AS BUILT 11-04-2018

A3

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417

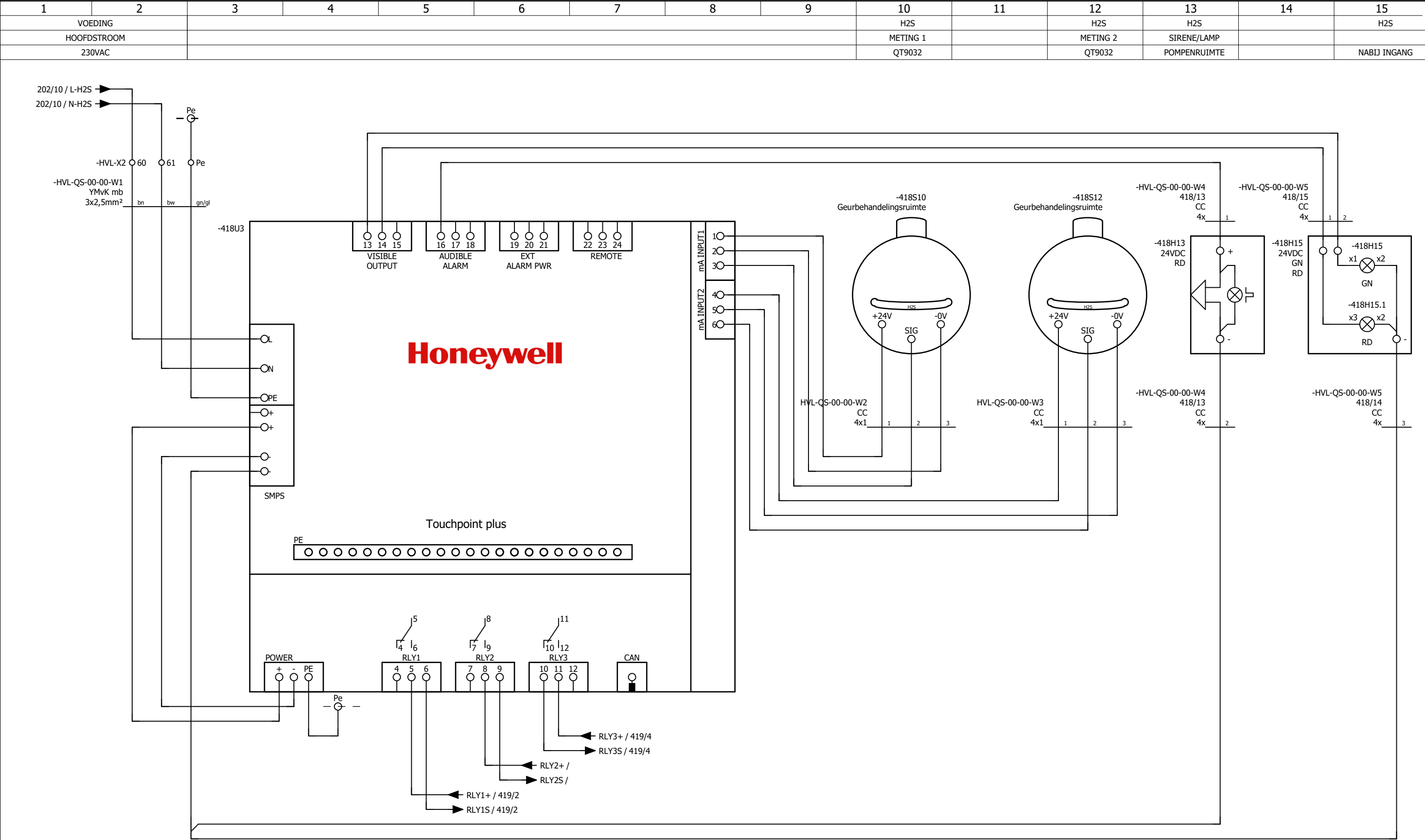


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HVK/HVL 00.1-2

AWTG Zuidrand  
Hoofdstroom/Stuurstroom QT9032  
H2S Metingen geurbehandeling

Dwight Bruno

AS BUILT 11-04-2018

A3

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418



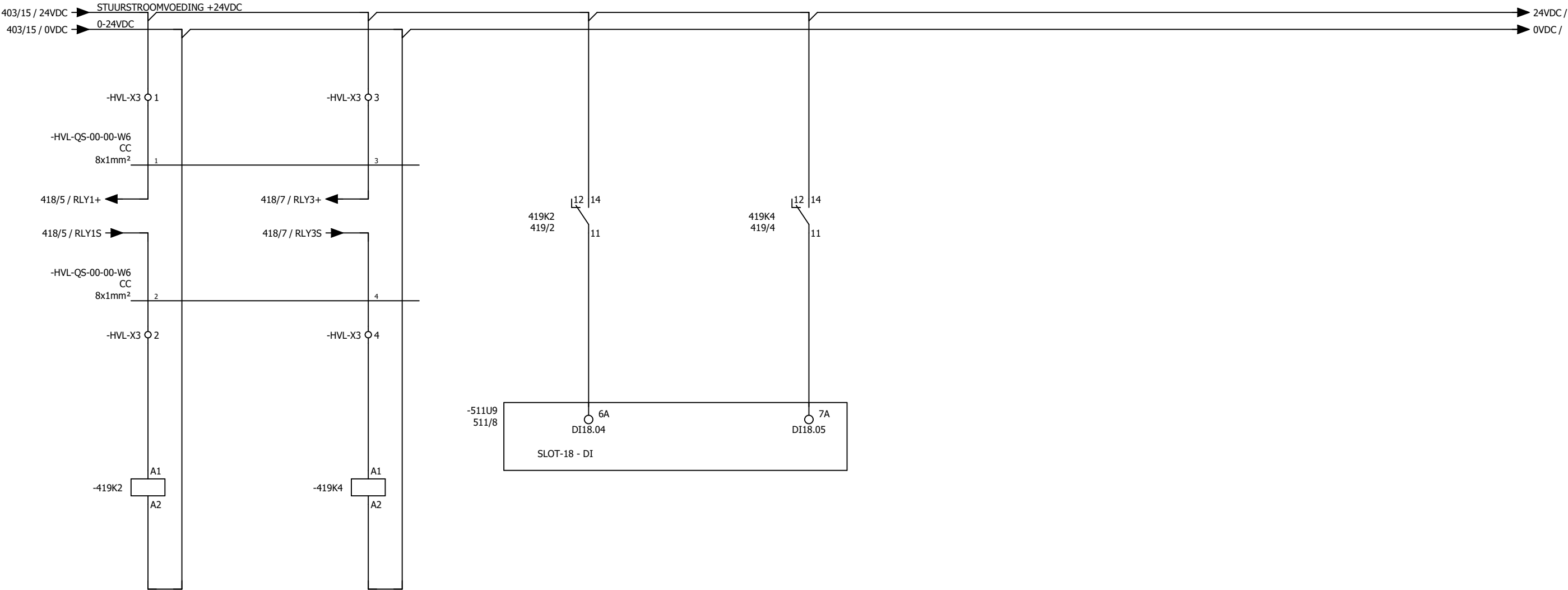
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|---|----------|---|---------|---|----------|---|---------|---|----|----|----|----|----|----|
| 1 | 2        | 3 | 4       | 5 | 6        | 7 | 8       | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|   |          |   | STORING |   |          |   | STORING |   |    |    |    |    |    |    |
|   | H2S      |   | H2S     |   | H2S      |   | H2S     |   |    |    |    |    |    |    |
|   | DETECTIE |   | METING  |   | DETECTIE |   | METING  |   |    |    |    |    |    |    |



|       |       |
|-------|-------|
| M     | V     |
| 419/6 | 419/6 |
| 272/6 | 272/6 |

|       |       |
|-------|-------|
| M     | V     |
| 419/8 | 419/8 |



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| JVL | 30-10-2017 | F    |



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MRK 05.1-2  
PLC configuratie

AWTG Zuidrand  
Stuurstroom QT9032 H2S Metingen

Dwight Bruno

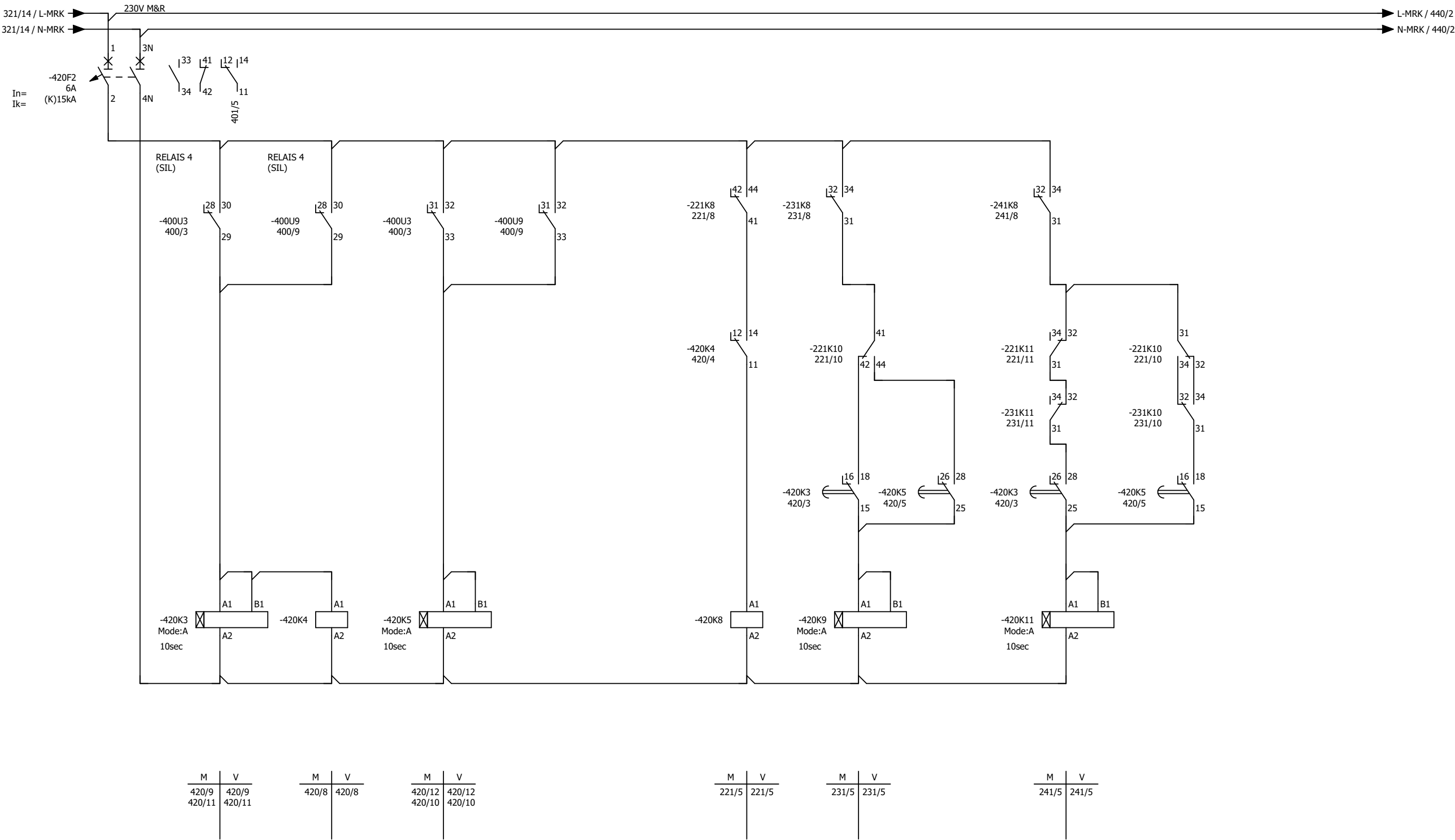
AS BUILT 11-04-2018

A3

NV-080-00023

419

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|---|-------------|--------------------------|---|--------------------------|---|---|-------------|-------------|----|-------------|----|----|----|----|
| 1 | 2           | 3                        | 4 | 5                        | 6 | 7 | 8           | 9           | 10 | 11          | 12 | 13 | 14 | 15 |
|   | STUURSTROOM | INSCHAKELEN              |   | INSCHAKELEN              |   |   | INSCHAKELEN | INSCHAKELEN |    | INSCHAKELEN |    |    |    |    |
|   | SEMI-AUTO   | SEMI-AUTOMATISCH BEDRIJF |   | SEMI-AUTOMATISCH BEDRIJF |   |   | POMP 1      | POMP 2      |    | POMP 3      |    |    |    |    |
|   | BEDRIJF     | 1ste NIVEAU              |   | 2de NIVEAU               |   |   |             |             |    |             |    |    |    |    |



MRK 05.2-2



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AWTG Zuidrand  
Semi Automatisch Bedrijf  
Stuurstroom 230VAC Semi/Auto

Dwight Bruno

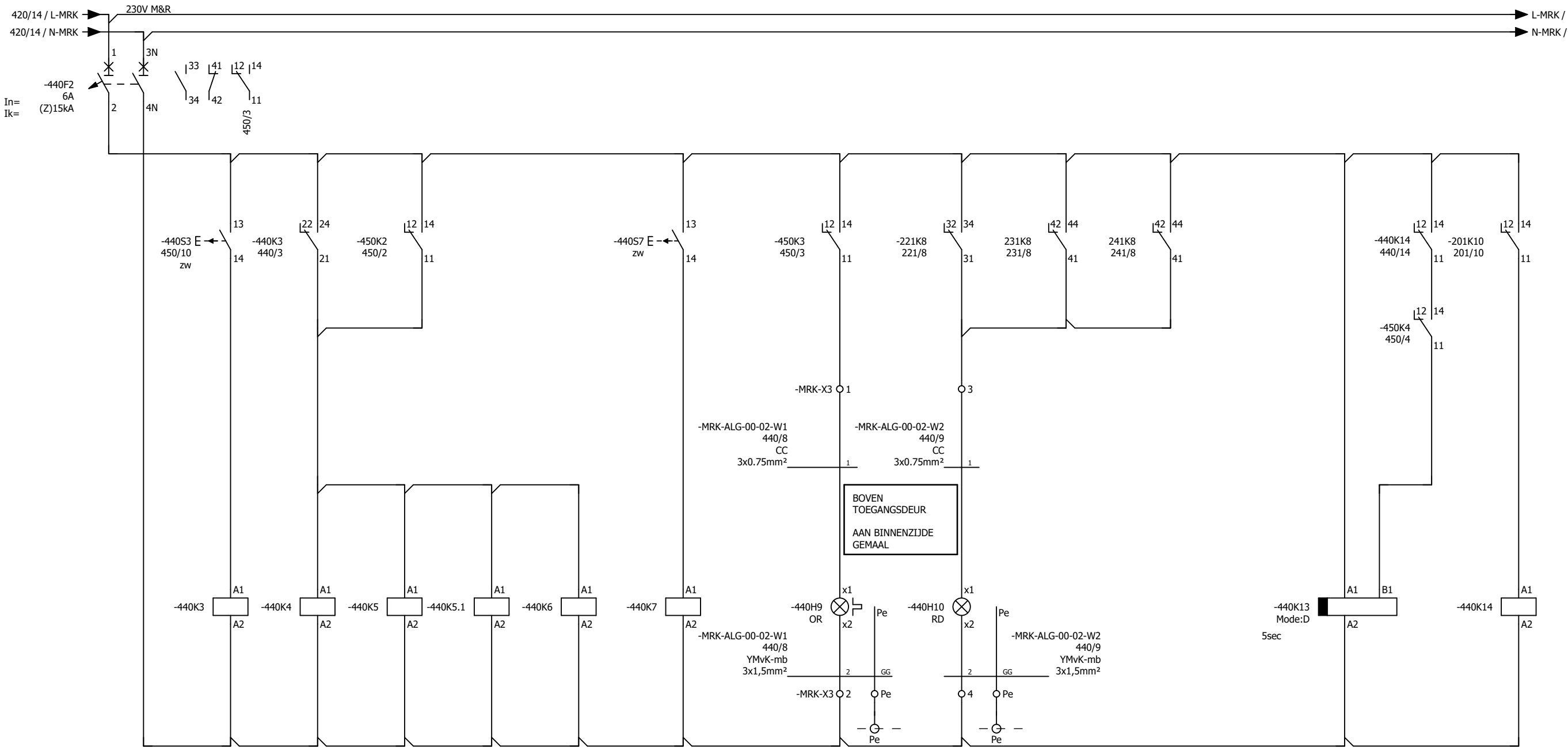
AS BUILT 11-04-2018

A3

NV-080-00023

420

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| 1 | 2           | 3         | 4                  | 5 | 6 | 7          | 8           | 9 | 10 | 11                 | 12                | 13       | 14             | 15            |
|   | STUURSTROOM | RESET     | RESET STORINGEN    |   |   | LAMPENTEST | OPTISCHE    |   |    | SIGNALERING        |                   | REGELING | TIJDVERTRAGING | NETSPANNINGS- |
|   | ALGEMEEN    | STORINGEN | OP AFSTAND VIA PLC |   |   |            | SIGNALERING |   |    | POMP(EN)           | SEMI-AUTO BEDRIJF | BEMAND   | TBV            | BEWAKING      |
|   |             | BEDIENING | COMM/PC/DISPLAY    |   |   |            | IN KELDER   |   |    | NABIJ TOEGANGSDEUR |                   | ONBEMAND | BACKUP-ALARM   |               |



|       |       |
|-------|-------|
| M     | V     |
| 440/4 | 440/4 |

|       |       |
|-------|-------|
| M     | V     |
| 220/9 | 220/9 |
| 230/9 | 230/9 |
| 240/9 | 240/9 |
| 270/6 | 270/6 |

|       |       |
|-------|-------|
| M     | V     |
| 222/9 | 222/9 |
| 232/9 | 232/9 |
| 242/9 | 242/9 |
| 272/5 | 272/5 |

|        |        |
|--------|--------|
| M      | V      |
| 261/15 | 261/15 |
| 302/9  | 302/9  |
| 312/9  | 312/9  |

|        |        |
|--------|--------|
| M      | V      |
| 263/15 | 263/15 |
| 276/6  | 276/6  |
| 278/5  | 278/5  |

|        |        |
|--------|--------|
| M      | V      |
| 304/5  | 304/5  |
| 314/5  | 314/5  |
| 450/11 | 450/11 |

IN  
KELDERRUIMTE

BOVEN TOEGANGSDEUR  
AAN BINNENZIJDE  
GEMAAL

|        |        |
|--------|--------|
| M      | V      |
| 530/10 | 530/10 |
| 530    | 530    |

|        |        |
|--------|--------|
| M      | V      |
| 440/13 | 440/13 |
| 450/7  | 450/7  |
| 530/6  | 530/6  |
| 530    | 530    |

MRK 05.2-2

AWTG Zuidrand  
Algemeen Stuurstroom

Dwight Bruno

AS BUILT 11-04-2018

A3

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440



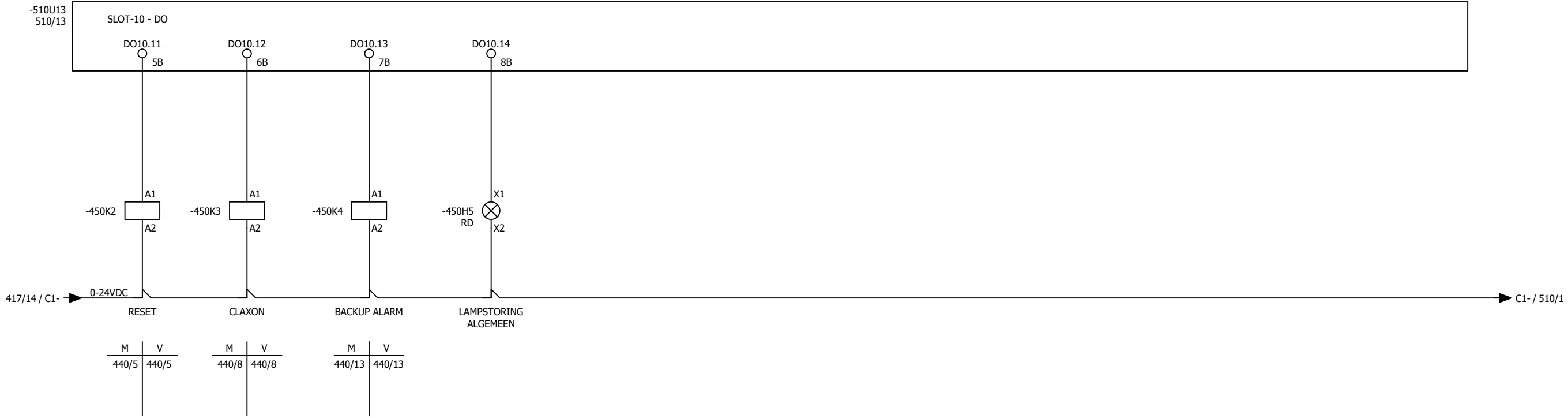
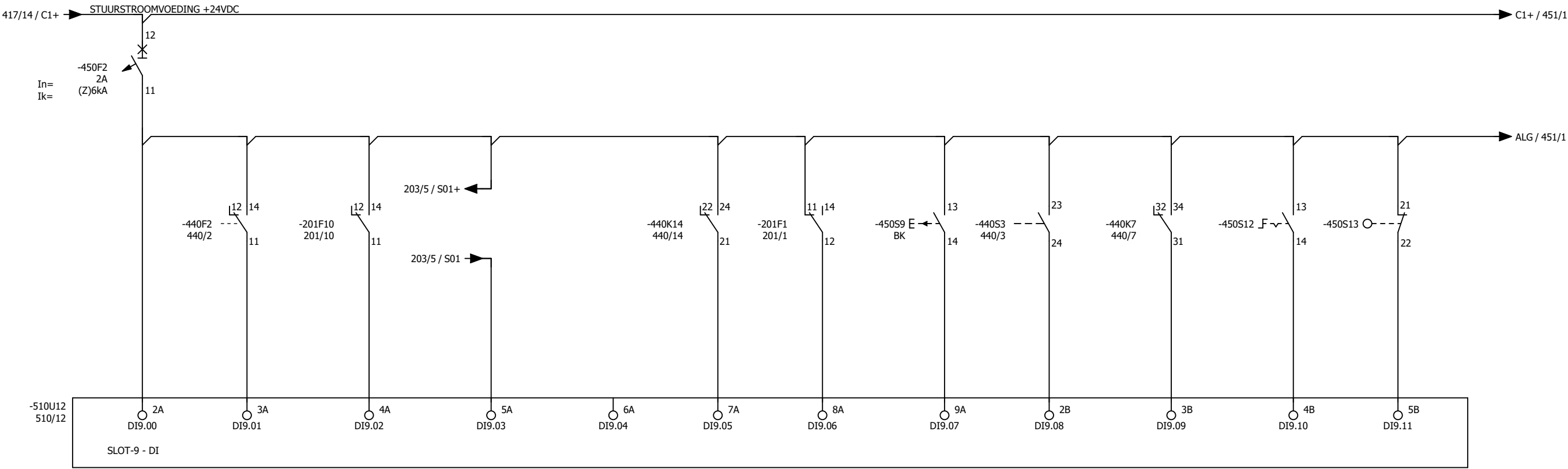
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| JVL | 30-10-2017 | F    |



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|---|----------------|---------------|---------------|---------------|---------|---------------|----------------|--------|-------|------------|-------------|------------|----|----|
| 1 | 2              | 3             | 4             | 5             | 6       | 7             | 8              | 9      | 10    | 11         | 12          | 13         | 14 | 15 |
|   | STORING        | STORING       | STORING       | PULSEN        | RESERVE | NETSPANNINGS- | SIGNALERING    | ACCEPT | RESET | LAMPENTEST | DOORMELDING | OVK-ALG-01 |    |    |
|   | STUURSTROOM    | STUURSTROOM   | METING        | POWER MONITOR |         | BEWAKING      | OVERSPANNINGS- |        |       |            | AAN/UIT     | GEOPEND    |    |    |
|   | 24VDC ALGEMEEN | 230V ALGEMEEN | POWER MONITOR | POMPEN        |         |               | BEWAKING       |        |       |            |             |            |    |    |



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MRK 05.1-2  
PLC configuratie

AWTG Zuidrand  
Algemeen PLC Stuurstroom

Dwight Bruno

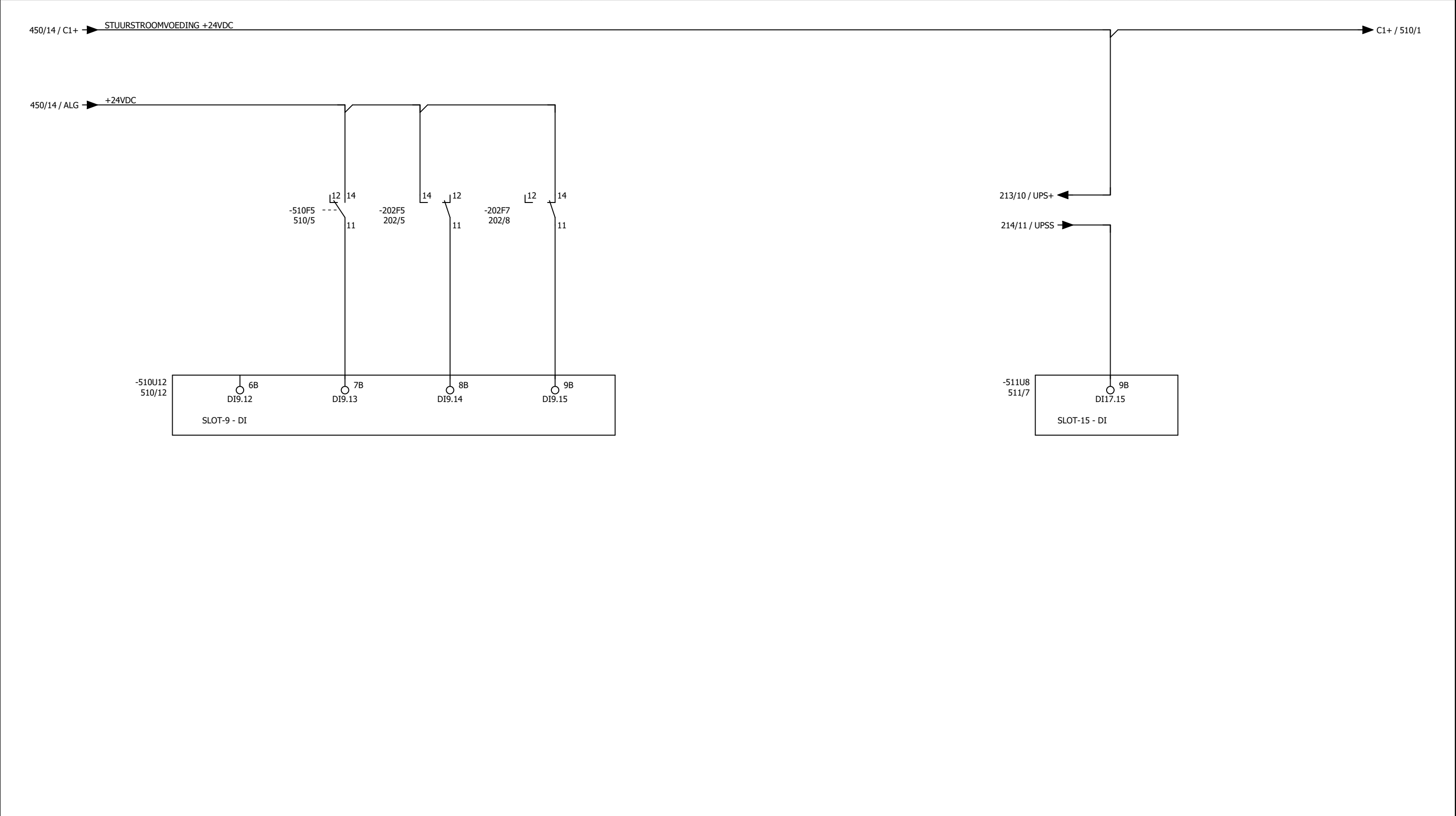
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A3

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450

|   |   |         |             |                 |                 |   |   |   |    |    |       |    |    |    |
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| 1 | 2 | 3       | 4           | 5               | 6               | 7 | 8 | 9 | 10 | 11 | 12    | 13 | 14 | 15 |
|   |   | RESERVE | STORING     | STORING         | STORING         |   |   |   |    |    | ALARM |    |    |    |
|   |   |         | STUURSTROOM | STUURSTROOM     | STUURSTROOM     |   |   |   |    |    | UPS   |    |    |    |
|   |   |         | 24VDC MMI   | 230V WERKTUIGEN | 230V MEET&REGEL |   |   |   |    |    | 24VDC |    |    |    |





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| DB  | 03-10-2017 | E    |
| JVL | 30-10-2017 | F    |



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MRK 05.1-2  
PLC configuratie

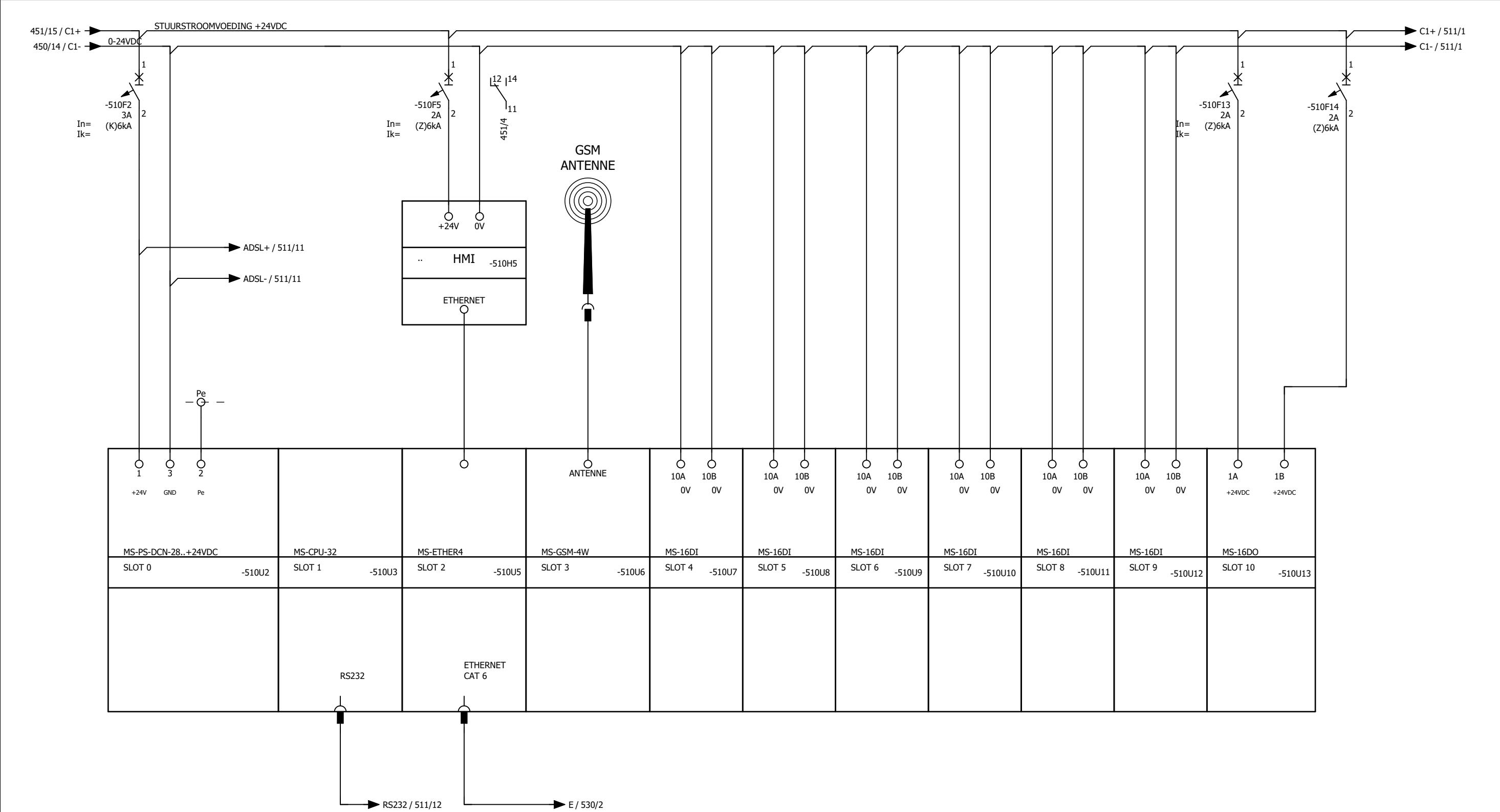
AWTG Zuidrand  
Digitale I/O Stuurstroom Algemeen

Dwight BrunoAS BUILT 11-04-2018

A3NV-080-00023

451

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|---|---------|---|-----|-----------------|---------|----------|----------|----------|----------|----------|----------|-----------|----|----|
| 1 | 2       | 3 | 4   | 5               | 6       | 7        | 8        | 9        | 10       | 11       | 12       | 13        | 14 | 15 |
|   | VOEDING |   | CPU | HMI             | GSM     | DIGITALE | DIGITALE | DIGITALE | DIGITALE | DIGITALE | DIGITALE | DIGITALE  |    |    |
|   |         |   |     | EN              | ANTENNE | INGANGEN | INGANGEN | INGANGEN | INGANGEN | INGANGEN | INGANGEN | UITGANGEN |    |    |
|   |         |   |     | ETHERNET AANSL. |         |          |          |          |          |          |          |           |    |    |



MRK 05.1-2  
PLC configuratie

AWTG Zuidrand  
Voeding PLC kaarten T-Box

Dwight Bruno AS BUILT 11-04-2018  
A3 NV-080-00023 510



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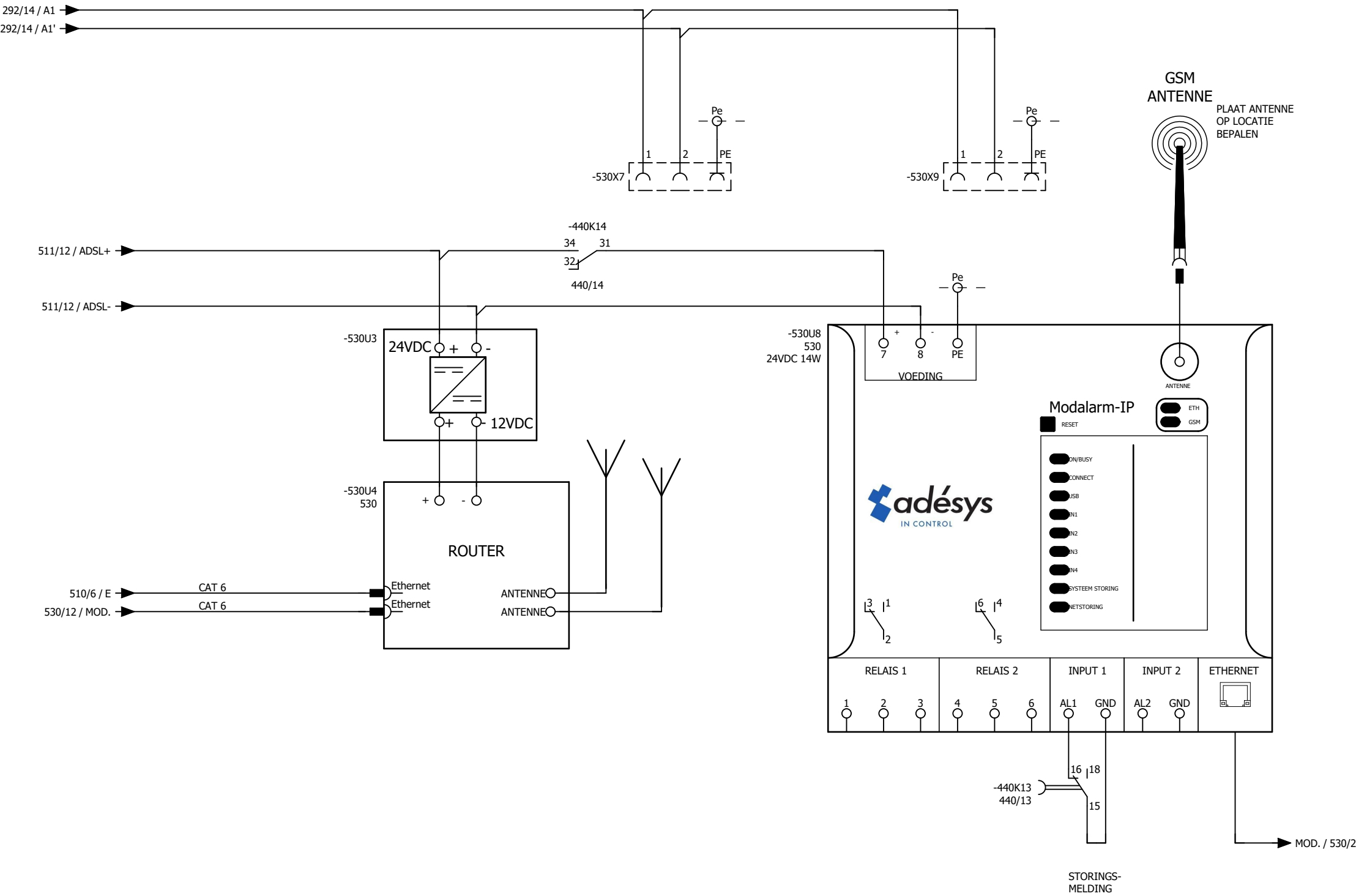
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|   |   |   |        |   |   |         |   |   |          |    |    |    |    |    |
|---|---|---|--------|---|---|---------|---|---|----------|----|----|----|----|----|
| 1 | 2 | 3 | 4      | 5 | 6 | 7       | 8 | 9 | 10       | 11 | 12 | 13 | 14 | 15 |
|   |   |   | ROUTER |   |   | SERVICE |   |   | MODALARM |    |    |    |    |    |
|   |   |   | ISRA   |   |   | WCD     |   |   |          |    |    |    |    |    |



MRK 05.1-2  
PLC configuratie



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| JVL | 30-10-2017 | F    |



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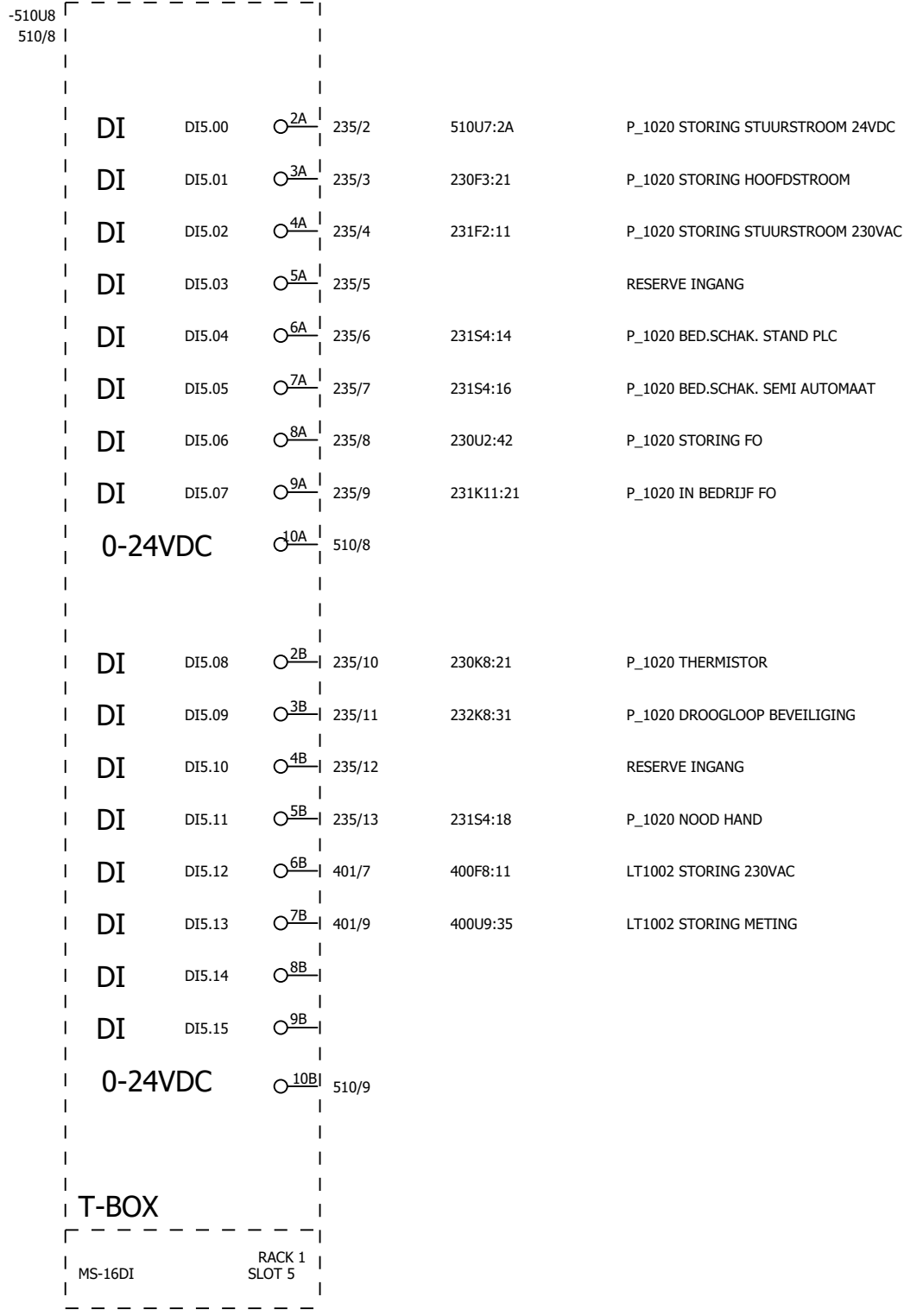
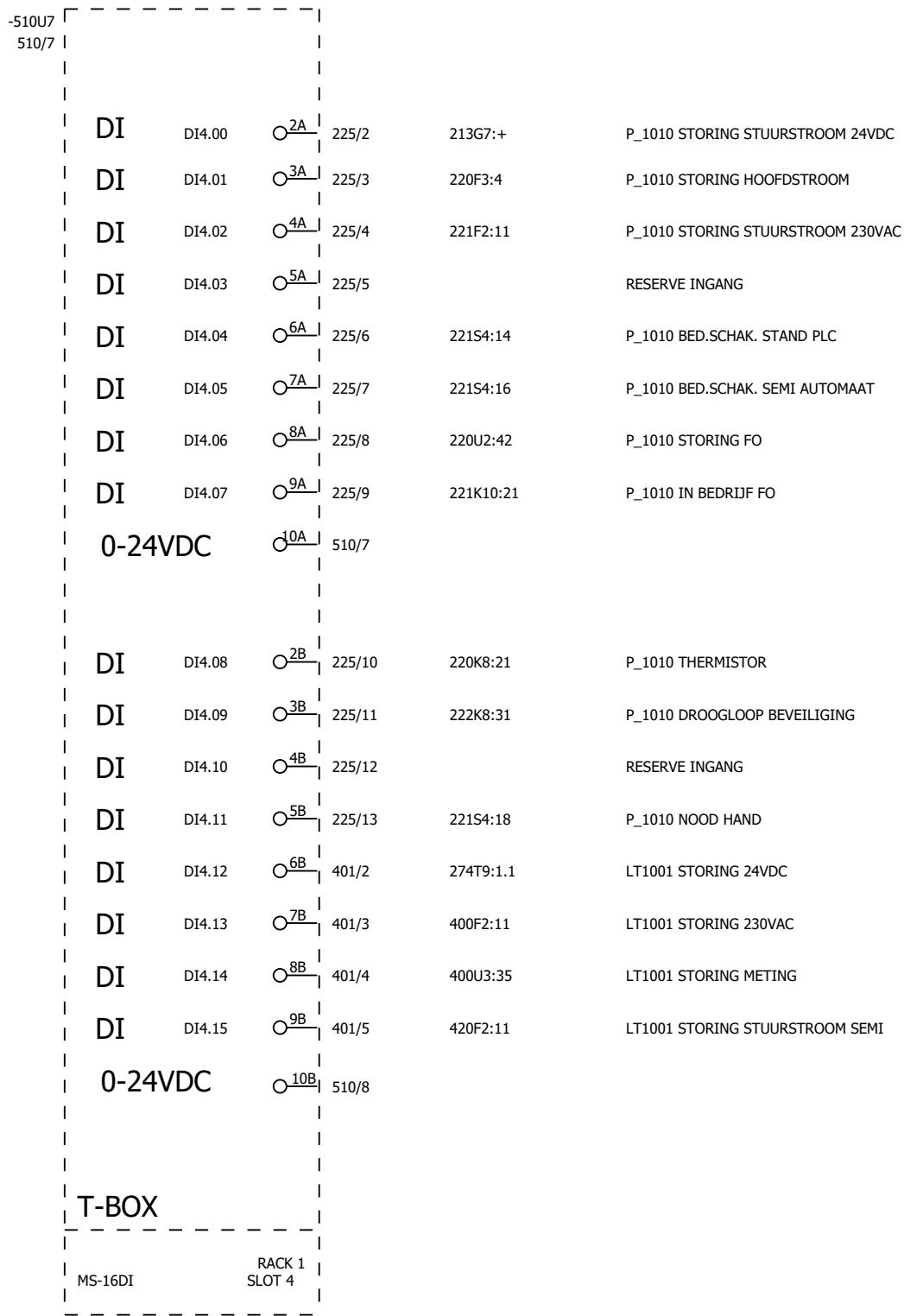
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AWTG Zuidrand  
KPN/Backup-Alarm  
Backup-alarm, Ethernet en Telefoon voorziening

Dwight Bruno AS BUILT 11-04-2018

**A3** NV-080-00023

**530**



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AWTG Zuidrand  
PLC Overzicht Digitale Ingangen

Dwight Bruno

AS BUILT 11-04-2018

A3

NV-080-00023

601

-510U9  
510/9

|         |        |                                                                                     |        |           |                                   |
|---------|--------|-------------------------------------------------------------------------------------|--------|-----------|-----------------------------------|
| DI      | DI6.00 |    | 245/2  | 510U8:2A  | P_1030 STORING STUURSTROOM 24VDC  |
| DI      | DI6.01 |    | 245/3  | 240F3:21  | P_1030 STORING HOOFDSTROOM        |
| DI      | DI6.02 |    | 245/4  | 241F2:11  | P_1030 STORING STUURSTROOM 230VAC |
| DI      | DI6.03 |    | 245/5  |           | RESERVE INGANG                    |
| DI      | DI6.04 |    | 245/6  | 241S4:14  | P_1030 BED.SCHAK. STAND PLC       |
| DI      | DI6.05 |    | 245/7  | 241S4:16  | P_1030 BED.SCHAK. SEMI AUTOMAAT   |
| DI      | DI6.06 |    | 245/8  | 240U2:42  | P_1030 STORING FO                 |
| DI      | DI6.07 |    | 245/9  | 241K11:21 | P_1030 IN BEDRIJF FO              |
| 0-24VDC |        |    | 510/9  |           |                                   |
| DI      | DI6.08 |    | 245/10 | 240K8:41  | P_1030 THERMISTOR                 |
| DI      | DI6.09 |   | 245/11 | 242K8:31  | P_1030 DROOGLOOP BEVEILIGING      |
| DI      | DI6.10 |  | 245/12 |           | RESERVE INGANG                    |
| DI      | DI6.11 |  | 245/13 | 231S4:18  | P_1030 NOOD HAND                  |
| DI      | DI6.12 |  |        |           | RESERVE                           |
| DI      | DI6.13 |  | 411/3  | 410F2:34  | FT1040 STORING 230VAC DEBIET      |
| DI      | DI6.14 |  | 411/4  | 410K10:11 | FT1040 PULS DEBIETMETING          |
| DI      | DI6.15 |  | 411/5  | 410K11:11 | FT1040 STATUS NEGATIEF DEBIET     |
| 0-24VDC |        |  | 510/9  |           |                                   |

T-BOX

MS-16DI RACK 1  
SLOT 6

-510U10  
510/10

|         |        |                                                                                       |        |           |                                        |
|---------|--------|---------------------------------------------------------------------------------------|--------|-----------|----------------------------------------|
| DI      | DI7.00 |    | 262/2  | 261F9:4N  | P_9010 STORING STUURSTROOM 24VDC       |
| DI      | DI7.01 |    | 262/3  | 260F2:34  | P_9010 STORING HOOFDSTROOM             |
| DI      | DI7.02 |    | 262/4  |           | RESERVE                                |
| DI      | DI7.03 |    | 262/5  | 261F2:11  | P_9010 STORING STUURSTROOM 230VAC      |
| DI      | DI7.04 |    | 262/6  | 261Q5:11  | P_9010 AANGESLOTEN                     |
| DI      | DI7.05 |    | 262/7  | 261S3:4   | P_9010 BED.SCHAK. AUTO                 |
| DI      | DI7.06 |    | 262/8  | 261Q3:14  | P_9010 IN BEDRIJF                      |
| DI      | DI7.07 |    | 262/9  | 261F9:11  | LS9001 WOV STUURSTROOM 24VDC           |
| 0-24VDC |        |    | 510/10 |           |                                        |
| DI      | DI7.08 |    | 262/10 | 261K14:41 | LS9001 WOV DETECTIE                    |
| DI      | DI7.09 |   | 267/2  | 510U9:2A  | STORING STUURSTR.24VDC OVER.GEBRUIKERS |
| DI      | DI7.10 |  | 267/3  | 266F2:11  | DV9050 STORING STUURSTROOM 230VAC      |
| DI      | DI7.11 |  | 267/4  | 265F2:11  | DV9050 STORING HOOFDSTROOM             |
| DI      | DI7.12 |  | 267/5  | 266K3:11  | XS9050 IN BEDRIJF                      |
| DI      | DI7.13 |  | 267/6  | 266K4:11  | XS9050 STORING                         |
| DI      | DI7.14 |  | 267/7  |           | RESERVE                                |
| DI      | DI7.15 |  | 267/8  |           | RESERVE                                |
| 0-24VDC |        |  | 510/10 |           |                                        |

T-BOX

MS-16DI RACK 1  
SLOT 7

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-510U11  
510/11

|         |        |     |        |          |  |
|---------|--------|-----|--------|----------|--|
| DI      | DI8.00 | 2A  | 271/7  |          |  |
| DI      | DI8.01 | 3A  | 271/8  | 270F2:11 |  |
| DI      | DI8.02 | 4A  | 271/9  |          |  |
| DI      | DI8.03 | 5A  | 271/10 | 270S2:14 |  |
| DI      | DI8.04 | 6A  | 271/11 |          |  |
| DI      | DI8.05 | 7A  | 271/12 | 271K2:11 |  |
| DI      | DI8.06 | 8A  | 271/13 | 270U1:32 |  |
| DI      | DI8.07 | 9A  | 271/14 | 270U1:52 |  |
| 0-24VDC |        | 10A | 510/11 |          |  |

|         |        |     |        |  |  |
|---------|--------|-----|--------|--|--|
| DI      | DI8.08 | 2B  |        |  |  |
| DI      | DI8.09 | 3B  |        |  |  |
| DI      | DI8.10 | 4B  |        |  |  |
| DI      | DI8.11 | 5B  |        |  |  |
| DI      | DI8.12 | 6B  |        |  |  |
| DI      | DI8.13 | 7B  |        |  |  |
| DI      | DI8.14 | 8B  |        |  |  |
| DI      | DI8.15 | 9B  |        |  |  |
| 0-24VDC |        | 10B | 510/11 |  |  |

T-BOX

MS-16DI RACK 1  
SLOT 8

-510U12  
510/12

|         |        |     |        |           |                                    |
|---------|--------|-----|--------|-----------|------------------------------------|
| DI      | DI9.00 | 2A  | 450/2  | 416U3:C+  | STORING STUURSTROOM 24VDC ALGEMEEN |
| DI      | DI9.01 | 3A  | 450/3  | 440F2:11  | STORING STUURSTROOM 230V ALGEMEEN  |
| DI      | DI9.02 | 4A  | 450/4  | 201F10:11 | STORING kWh-METING POMPEN          |
| DI      | DI9.03 | 5A  | 450/5  | 203U4     | PULSEN POWER MONITOR               |
| DI      | DI9.04 | 6A  | 450/6  |           | RESERVE                            |
| DI      | DI9.05 | 7A  | 450/7  | 440K14:21 | NETSPANNINGS-BEWAKING              |
| DI      | DI9.06 | 8A  | 450/8  | 201F1:12  | SIGNALERING OVERSPANNINGS-BEWAKING |
| DI      | DI9.07 | 9A  | 450/9  | 450S9:14  | ACCEPT                             |
| 0-24VDC |        | 10A | 510/12 |           |                                    |

|         |        |     |        |           |                                     |
|---------|--------|-----|--------|-----------|-------------------------------------|
| DI      | DI9.08 | 2B  | 450/10 | 440S3:24  | RESET                               |
| DI      | DI9.09 | 3B  | 450/11 | 440K7:31  | LAMPEN-TEST                         |
| DI      | DI9.10 | 4B  | 450/12 | 450S12:14 | AANWEZIG / AFWEZIG                  |
| DI      | DI9.11 | 5B  | 450/13 | 450S13:22 | MCC/MRK-ALG-01 GEOPEND              |
| DI      | DI9.12 | 6B  | 451/3  |           | RESERVE                             |
| DI      | DI9.13 | 7B  | 451/4  | 510F5:11  | STORING STUURSTROOM 24VDC DISPLAY   |
| DI      | DI9.14 | 8B  | 451/5  | 202F5:11  | STORING STUURSTROOM 230V WERKTUIGEN |
| DI      | DI9.15 | 9B  | 451/6  | 202F7:11  | STORING STUURSTROOM 230V MEET&REGEL |
| 0-24VDC |        | 10B | 510/12 |           |                                     |

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-511U6  
511/5

|    |         |                                                                                   |       |          |                                   |
|----|---------|-----------------------------------------------------------------------------------|-------|----------|-----------------------------------|
| DI | DI15.00 |  | 264/2 | 263F9:4N | P_9015 STORING STUURSTROOM 24VDC  |
| DI | DI15.01 |  | 264/3 | 260F7:34 | P_9015 STORING HOOFDSTROOM        |
| DI | DI15.02 |  | 264/4 |          | RESERVE                           |
| DI | DI15.03 |  | 264/5 | 263F2:11 | P_9015 STORING STUURSTROOM 230VAC |
| DI | DI15.04 |  | 264/6 | 263Q5:11 | P_9015 AANGESLOTEN                |
| DI | DI15.05 |  | 264/7 | 263S3:4  | P_9015 BED.SCHAK. AUTO            |
| DI | DI15.06 |  | 264/8 | 263Q3:14 | P_9015 IN BEDRIJF                 |
| DI | DI15.07 |  | 264/9 | 263F9:11 | LS9017 STORING STUURSTROOM 24VDC  |

0-24VDC

 511/6

|    |         |                                                                                     |        |            |                       |
|----|---------|-------------------------------------------------------------------------------------|--------|------------|-----------------------|
| DI | DI15.08 |    | 264/10 | -263Q13:41 | LS9017 WOV DETECTIE   |
| DI | DI15.09 |   | 273/8  | 272F2:11   | VL9030 HOOFDSTROOM    |
| DI | DI15.10 |  | 273/9  |            | RESERVE               |
| DI | DI15.11 |  | 273/10 | 272S2:14   | VL9030 WERKSCHAKELAAR |
| DI | DI15.12 |  | 273/11 |            | RESERVE               |
| DI | DI15.13 |  | 273/12 | 273K2:11   | VL9030 FO IN BEDRIJF  |
| DI | DI15.14 |  | 273/13 | 272U1:32   | VL9030 STORING FO     |
| DI | DI15.15 |  | 273/14 | 272U1:52   | VL9030 THERMISTOR     |

0-24VDC

 511/6

T-BOX

MS-16DI RACK 1  
SLOT 15

-511U7  
511/6

|    |         |                                                                                     |       |                |                                   |
|----|---------|-------------------------------------------------------------------------------------|-------|----------------|-----------------------------------|
| DI | DI16.00 |  | 252/2 | 213G2:OutDC;+' | P_9062 STORING STUURSTROOM 24VDC  |
| DI | DI16.01 |  | 252/3 | 250F2:34       | P_9062 STORING HOOFDSTROOM        |
| DI | DI16.02 |  | 252/4 |                | RESERVE                           |
| DI | DI16.03 |  | 252/5 | 251F2:11       | P_9062 STORING STUURSTROOM 230VAC |
| DI | DI16.04 |  | 252/6 | 251Q5:11       | P_9062 AANGESLOTEN                |
| DI | DI16.05 |  | 252/7 | 251S3:4        | P_9062 BED.SCHAK. AUTO            |
| DI | DI16.06 |  | 252/8 | 251Q3:14       | P_9062 IN BEDRIJF                 |
| DI | DI16.07 |  | 322/2 | 321F2:14       | MV9068 STORING HOOFDSTROOM        |

0-24VDC

 511/7

|    |         |                                                                                       |       |           |                          |
|----|---------|---------------------------------------------------------------------------------------|-------|-----------|--------------------------|
| DI | DI16.08 |    | 322/3 | 511U14:2A | MV9068 STUURSTROOM 24VDC |
| DI | DI16.09 |   | 322/4 | 321K9:11  | MV9068 WERKSCHAKELAAR    |
| DI | DI16.10 |  | 322/5 | 322K2:24  | MV9068 PLC BEDRIJF       |
| DI | DI16.11 |  | 322/6 |           | RESERVE                  |
| DI | DI16.12 |  | 322/7 | 321K11:31 | GS9068 EINDCONTACT OPEN  |
| DI | DI16.13 |  | 322/8 | 321K12:31 | GS9068 EINDCONTACT DICHT |
| DI | DI16.14 |  |       |           |                          |
| DI | DI16.15 |  |       |           |                          |

0-24VDC

 511/7

T-BOX

MS-16DI RACK 1  
SLOT 16

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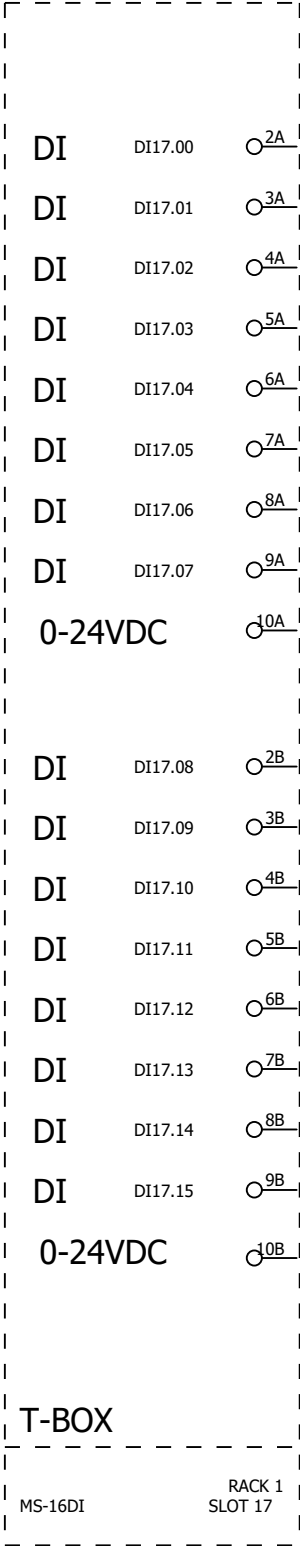
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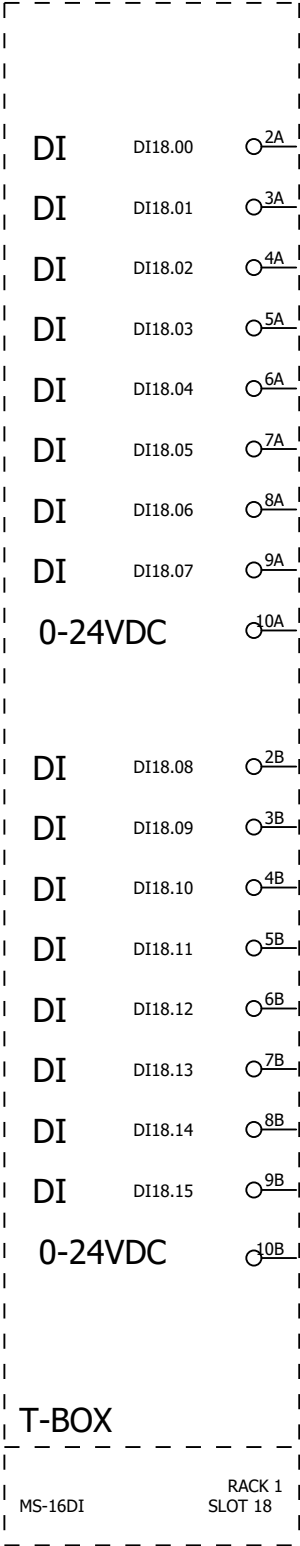
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511/7



-511U9  
511/8



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-511U10  
511/9

|         |         |                                                                                     |        |                |                                     |
|---------|---------|-------------------------------------------------------------------------------------|--------|----------------|-------------------------------------|
| DI      | DI19.00 |    | 303/2  | 278U1:42       | MV1015 STORING STUURSTROOM 24VDC    |
| DI      | DI19.01 |    | 303/3  | 300F2:14       | MV1015 STORING HOOFDSTROOM          |
| DI      | DI19.02 |    | 303/4  | 301F2:14       | MV1015 STORING STUURSTROOM 230VAC   |
| DI      | DI19.03 |    | 303/5  | 300F8:14       | MV1015 STORING STILSTAND VERWARMING |
| DI      | DI19.04 |    | 303/6  | 301K9:11       | MV1015 STAND WERKSCHAKELAAR         |
| DI      | DI19.05 |    | 303/7  | 301S3-331S3:12 | MV1015 BEDIENINGSSCHAKELAAR PLC     |
| DI      | DI19.06 |    | 303/8  | 301S3:8        | MV1015 BEDIENINGSSCHAKELAAR NH      |
| DI      | DI19.07 |    | 303/9  | 302K5:31       | WS1015 MOMENTBEVEILIGING OPEN       |
| 0-24VDC |         |    | 511/9  |                |                                     |
| DI      | DI19.08 |    | 303/10 | 302K7:31       | WS1015 MOMENTBEVEILIGING DICHT      |
| DI      | DI19.09 |   | 303/11 | 302K3:31       | MV1015 STANDMELDING OPEN            |
| DI      | DI19.10 |  | 303/12 | 302K4:31       | MV1015 STANDMELDING DICHT           |
| DI      | DI19.11 |  | 303/13 | 302K8:31       | TS1015 CLIXON                       |
| DI      | DI19.12 |  |        |                |                                     |
| DI      | DI19.13 |  |        |                |                                     |
| DI      | DI19.14 |  |        |                |                                     |
| DI      | DI19.15 |  |        |                |                                     |
| 0-24VDC |         |  | 511/10 |                |                                     |

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MS-16DI RACK 1  
SLOT 19

-511U14  
511/14

|         |         |                                                                                       |        |                |                                     |
|---------|---------|---------------------------------------------------------------------------------------|--------|----------------|-------------------------------------|
| DI      | DI20.00 |    | 313/2  | 511U10:2A      | MV1016 STORING STUURSTROOM 24VDC    |
| DI      | DI20.01 |    | 313/3  | 310F2:11       | MV1016 STORING HOOFDSTROOM          |
| DI      | DI20.02 |    | 313/4  | 311F2:14       | MV1016 STORING STUURSTROOM 230VAC   |
| DI      | DI20.03 |    | 313/5  | 310F8:11       | MV1016 STORING STILSTAND VERWARMING |
| DI      | DI20.04 |    | 313/6  | 311K9:11       | MV1016 STAND WERKSCHAKELAAR         |
| DI      | DI20.05 |    | 313/7  | 311S3-331S3:12 | MV1016 BEDIENINGSSCHAKELAAR PLC     |
| DI      | DI20.06 |    | 313/8  | 311S3:8        | MV1016 BEDIENINGSSCHAKELAAR NH      |
| DI      | DI20.07 |    | 313/9  | 312K5:31       | WS1016 MOMENTBEVEILIGING OPEN       |
| 0-24VDC |         |    | 511/14 |                |                                     |
| DI      | DI20.08 |    | 313/10 | 312K7:31       | WS1016 MOMENTBEVEILIGING DICHT      |
| DI      | DI20.09 |   | 313/11 | 312K3:31       | MV1016 STANDMELDING OPEN            |
| DI      | DI20.10 |  | 313/12 | 312K4:31       | MV1016 STANDMELDING DICHT           |
| DI      | DI20.11 |  | 313/13 | 312K8:31       | TS1016 CLIXON                       |
| DI      | DI20.12 |  |        |                |                                     |
| DI      | DI20.13 |  |        |                |                                     |
| DI      | DI20.14 |  |        |                |                                     |
| DI      | DI20.15 |  |        |                |                                     |
| 0-24VDC |         |  | 511/14 |                |                                     |

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MS-16DI RACK 1  
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606

-510U13  
510/13

+24VDC



510/13

DO

DO10.00



225/2

225K2:A1

POMP P\_1010 START

DO

DO10.01



303/2

303K2:A1

AFSLUITER 1 MV1015 OPEN

DO

DO10.02



303/3

303K3:A1

AFSLUITER 1 MV1015 DICHT

DO

DO10.03



235/2

235K2:A1

POMP P\_1020 START

DO

DO10.04



313/2

313K2:A1

AFSLUITER 2 MV1016 OPEN

DO

DO10.05



313/3

313K3:A1

AFSLUITER 2 MV1016 DICHT

DO

DO10.06



245/2

245K2:A1

POMP P\_1030 START

DO

DO10.07



322/2

322K2:A1

MV9068 SPROEIWATER AFSLUITER OPEN

+24VDC



510/13

DO

DO10.08



322/3

322K3:A1

MV9068 SPROEIWATER AFSLUITER DICHT

DO

DO10.09



322/4

RESERVE

DO

DO10.10



322/4

RESERVE

DO

DO10.11



450/2

450K2:A1

RESET

DO

DO10.12



450/3

450K3:A1

CLAXON

DO

DO10.13



450/4

450K4:A1

BACKUP ALARM

DO

DO10.14



450/5

450H5:X1

LAMPSTORING ALGEMEEN

DO

DO10.15



267/2

267K2:A1

DV9050 DRUKVERHOGINGS-UNIT RESET

T-BOX

MS-16DO

RACK 1  
SLOT 10

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607

-511U2  
511/2

AI

AI11.00



226/3

226U3:5+

POMP 1 MOTORSTROOM

AI11.00



226/3

226U3:6-

POMP 1 MOTORSTROOM

AI

AI11.01



226/6

226U6:5+

POMP 1 FREQUENTIE

AI11.01



226/6

226U6:6-

POMP 1 FREQUENTIE

AI

AI11.02



401/12

400U3:16+

LT1001 NIVEAUMETING

AI11.02



401/12

400U3:17-

LT1001 NIVEAUMETING

AI

AI11.03



411/9

411U9:5+

FT1040 DEBIET

AI11.03



411/9

411U9:6-

FT1040 DEBIET

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MS-4AI-4/20I

RACK 1  
SLOT 11

-511U3  
511/3

AI

AI12.00



236/3

236U3:5+

POMP 2 MOTORSTROOM

AI12.00



236/3

236U3:6-

POMP 2 MOTORSTROOM

AI

AI12.01



236/6

236U6:5+

POMP 2 FREQUENTIE

AI12.01



236/6

236U6:6-

POMP 2 FREQUENTIE

AI

AI12.02



401/14

400U9:16+

LT1002 NIVEAUMETING

AI12.02



401/14

400U9:17-

LT1002 NIVEAUMETING

AI

AI12.03



413/9

413U9:5+

PT1041 DRUK PERSLEIDING 1

AI12.03



413/10

413U9:6-

PT1041 DRUK PERSLEIDING 1

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MS-4AI-4/20I

RACK 1  
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**Rijnland**

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608

-511U4  
511/4

AI

AI13.00



246/3

246U3:5+

POMP 3 MOTORSTROOM

AI13.00



246/3

246U3:6-

POMP 3 MOTORSTROOM

AI

AI13.01



246/6

246U6:5+

POMP 3 FREQUENTIE

AI13.01



246/6

246U6:6-

POMP 3 FREQUENTIE

AI

AI13.02



417/9

417U9:5+

FT1045 DEBIET

AI13.02



417/9

417U9:6-

FT1045 DEBIET

AI

AI13.03



415/9

415U9:5+

PT1042 DRUK PERSLEIDING 2

AI13.03



415/10

415U9:6-

PT1042 DRUK PERSLEIDING 2

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RACK 1  
SLOT 13

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| DB  | 11-04-2018 | G    |
| DB  | 14-05-2018 | I    |
| DB  | 03-10-2017 | E    |
| JVL | 30-10-2017 | F    |



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AWTG Zuidrand  
PLC Overzicht Analoge Ingangen

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609

-511U5  
511/4

AO

|         |     |    |       |            |                 |
|---------|-----|----|-------|------------|-----------------|
| AO14.00 | I1+ | 2A | 226/3 | 226U3.1:1+ | POMP 1 SETPOINT |
| AO14.00 | I1- | 3A | 226/3 | 226U3.1:2- | POMP 1 SETPOINT |

AO

|         |     |    |       |            |                 |
|---------|-----|----|-------|------------|-----------------|
| AO14.01 | I2+ | 6A | 236/3 | 236U3.1:1+ | POMP 2 SETPOINT |
| AO14.01 | I2- | 7A | 236/3 | 236U3.1:2- | POMP 2 SETPOINT |

AO

|         |     |    |       |            |                 |
|---------|-----|----|-------|------------|-----------------|
| AO14.02 | I3+ | 2B | 246/3 | 246U3.1:1+ | POMP 3 SETPOINT |
| AO14.02 | I3- | 3B | 246/3 | 246U3.1:2- | POMP 3 SETPOINT |

AO

|         |     |    |       |          |                      |
|---------|-----|----|-------|----------|----------------------|
| AO14.03 | I4+ | 6B | 279/6 | 279U3:1+ | VL9063 AANSTURING FO |
| AO14.03 | I4- | 7B | 279/7 | 279U3:2- | VL9063 AANSTURING FO |

T-BOX

MS-4AO-VC

RACK 1  
SLOT 14

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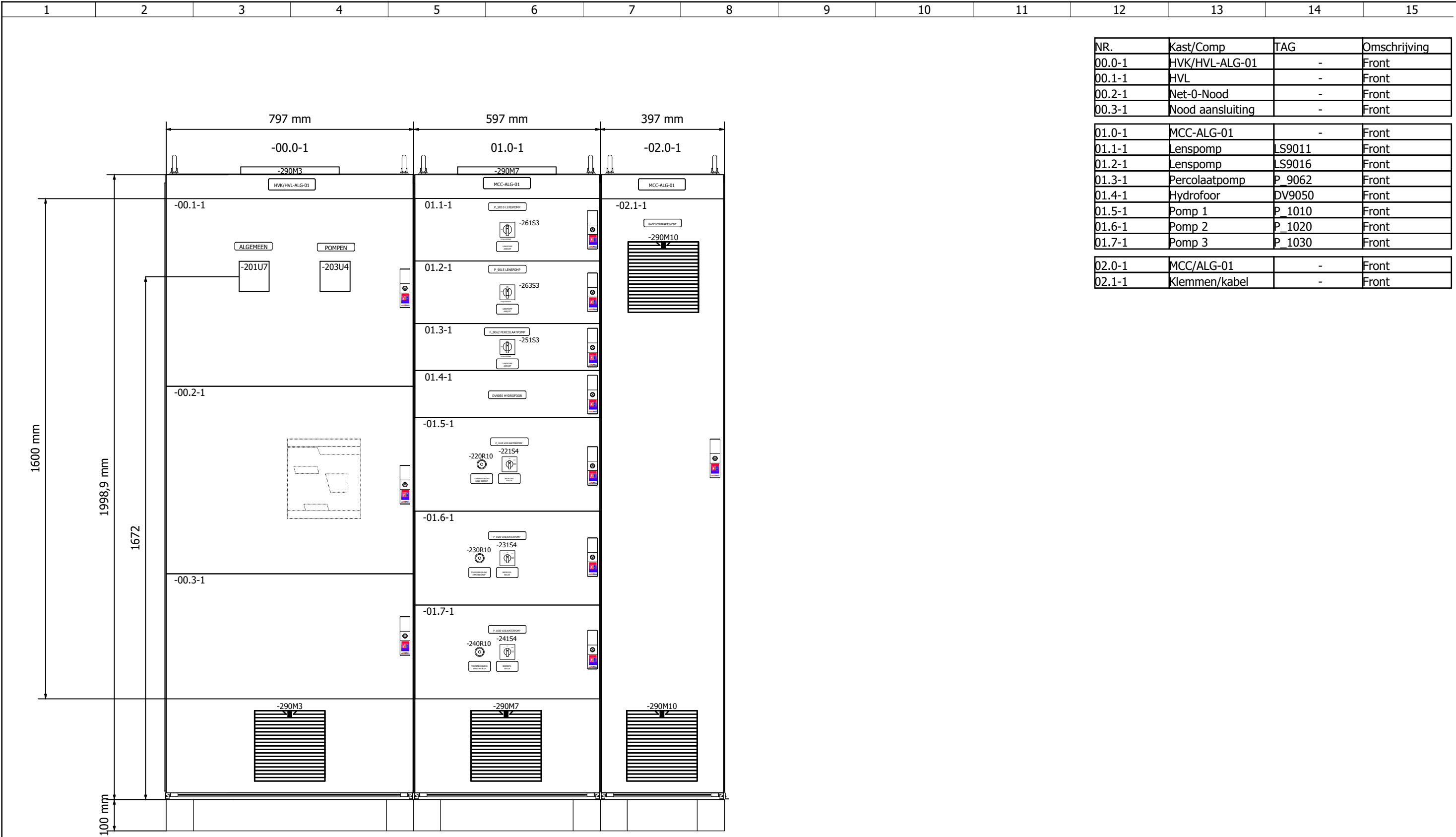
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610



| NR.    | Kast/Comp        | TAG    | Omschrijving |
|--------|------------------|--------|--------------|
| 00.0-1 | HVK/HVL-ALG-01   | -      | Front        |
| 00.1-1 | HVL              | -      | Front        |
| 00.2-1 | Net-0-Nood       | -      | Front        |
| 00.3-1 | Nood aansluiting | -      | Front        |
| 01.0-1 | MCC-ALG-01       | -      | Front        |
| 01.1-1 | Lenspomp         | LS9011 | Front        |
| 01.2-1 | Lenspomp         | LS9016 | Front        |
| 01.3-1 | Percolaatpomp    | P_9062 | Front        |
| 01.4-1 | Hydrofoor        | DV9050 | Front        |
| 01.5-1 | Pomp 1           | P_1010 | Front        |
| 01.6-1 | Pomp 2           | P_1020 | Front        |
| 01.7-1 | Pomp 3           | P_1030 | Front        |
| 02.0-1 | MCC/ALG-01       | -      | Front        |
| 02.1-1 | Klemmen/kabel    | -      | Front        |

Kast eisen:

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| JVL | 30-10-2017 | F    |



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AWTG Zuidrand  
Frontindeling Schakelkasten

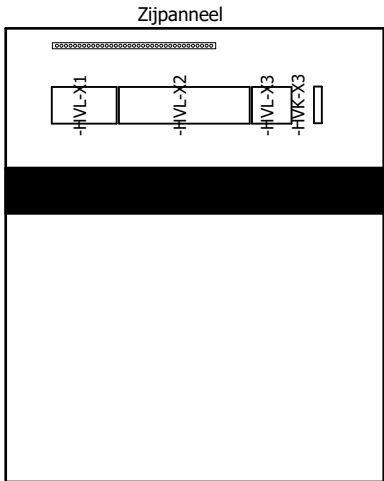
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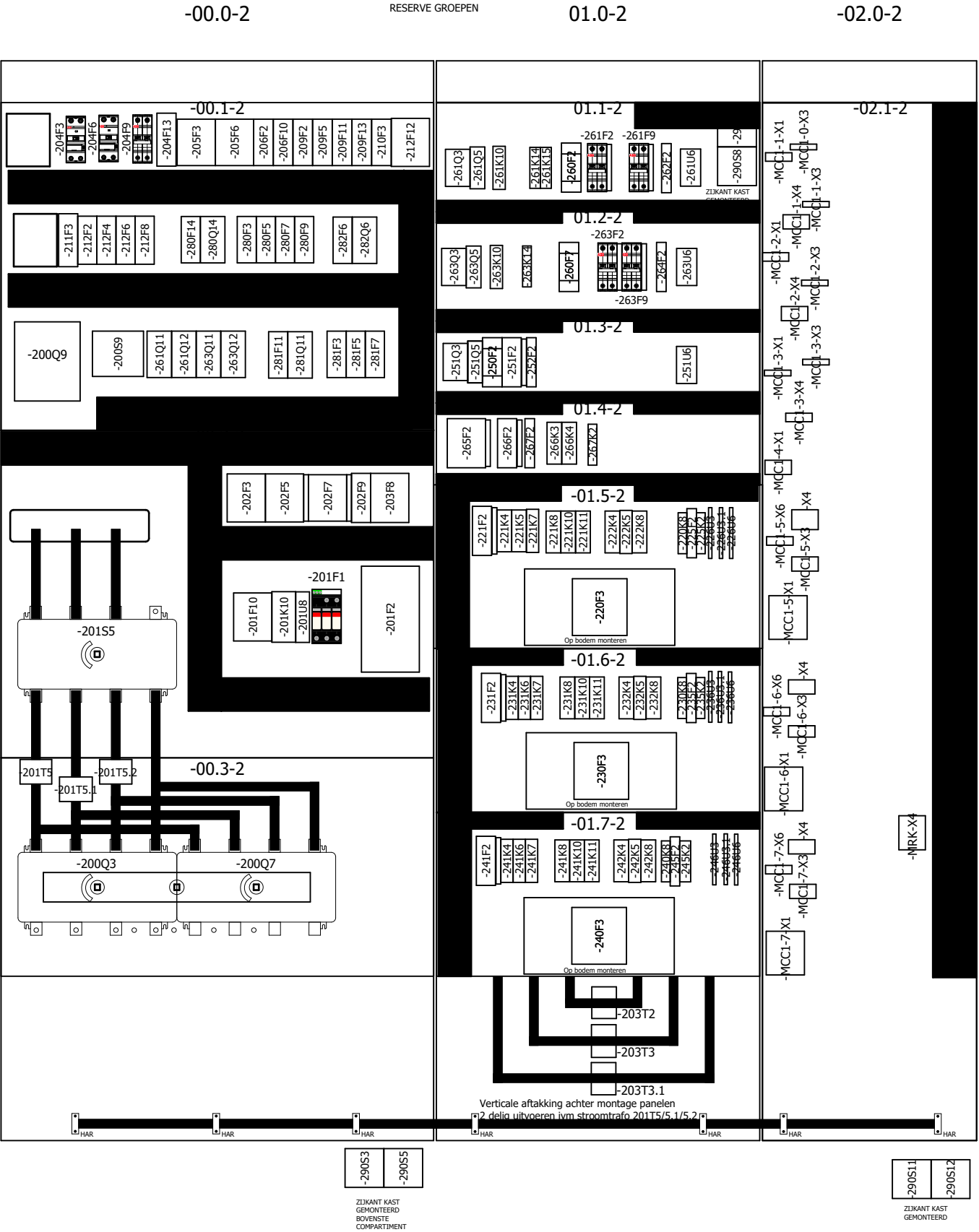
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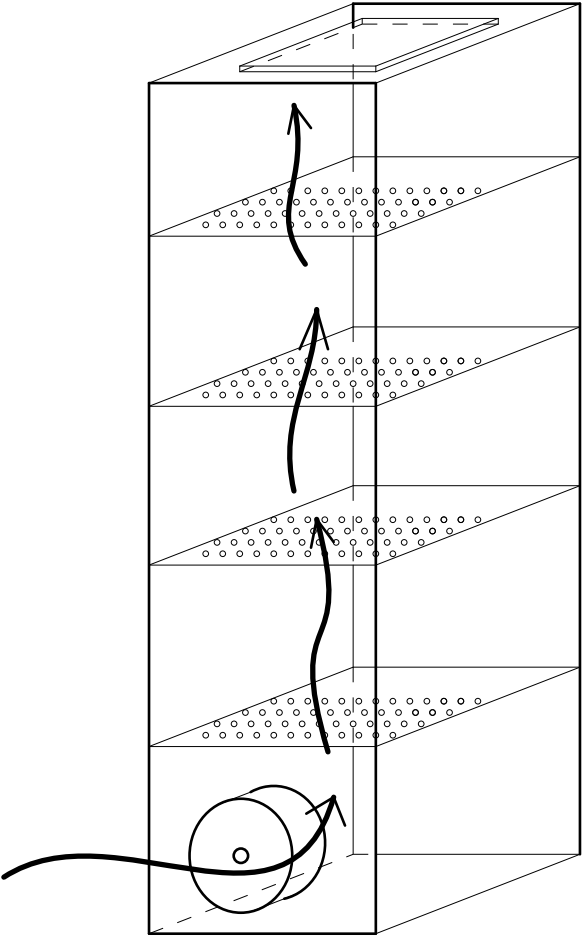
700



Koper loopt  
achter HVL  
door waarbij  
het koper-  
werk  
horizontaal  
verder  
afgetakt  
word



| NR.    | Kast/Comp        | TAG    | Omschrijving |
|--------|------------------|--------|--------------|
| 00.0-2 | HVK/HVL-ALG-01   | -      | Paneel       |
| 00.1-2 | HVL              | -      | Paneel       |
| 00.2-2 | Net-0-Nood       | -      | Paneel       |
| 00.3-2 | Nood aansluiting | -      | Paneel       |
| 01.0-2 | MCC-ALG-01       | -      | Paneel       |
| 01.1-2 | Lenspomp         | LS9011 | Paneel       |
| 01.2-2 | Lenspomp         | LS9016 | Paneel       |
| 01.3-2 | Percolaatpomp    | P_9062 | Paneel       |
| 01.4-2 | Hydrofoor        | DV9050 | Paneel       |
| 01.5-2 | Pomp 1           | P_1010 | Paneel       |
| 01.6-2 | Pomp 2           | P_1020 | Paneel       |
| 01.7-2 | Pomp 3           | P_1030 | Paneel       |
| 02.0-2 | MCC-ALG-01       | -      | Paneel       |
| 02.1-2 | Klemmen/kabel    | -      | Paneel       |



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AWTG Zuidrand  
Kastindeling Schakelkasten

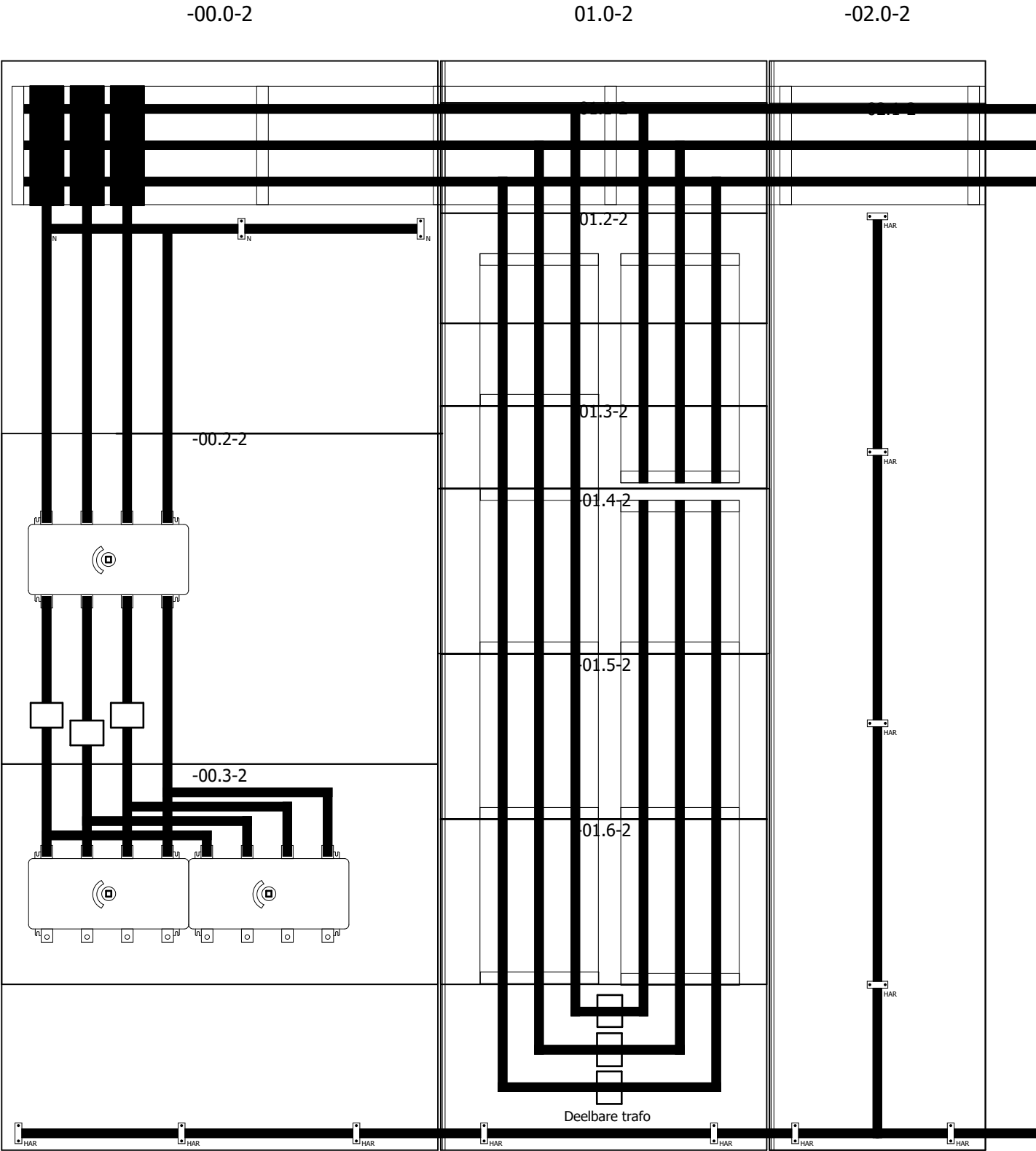
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| DB  | 03-10-2017 | E    |
| JVL | 30-10-2017 | F    |

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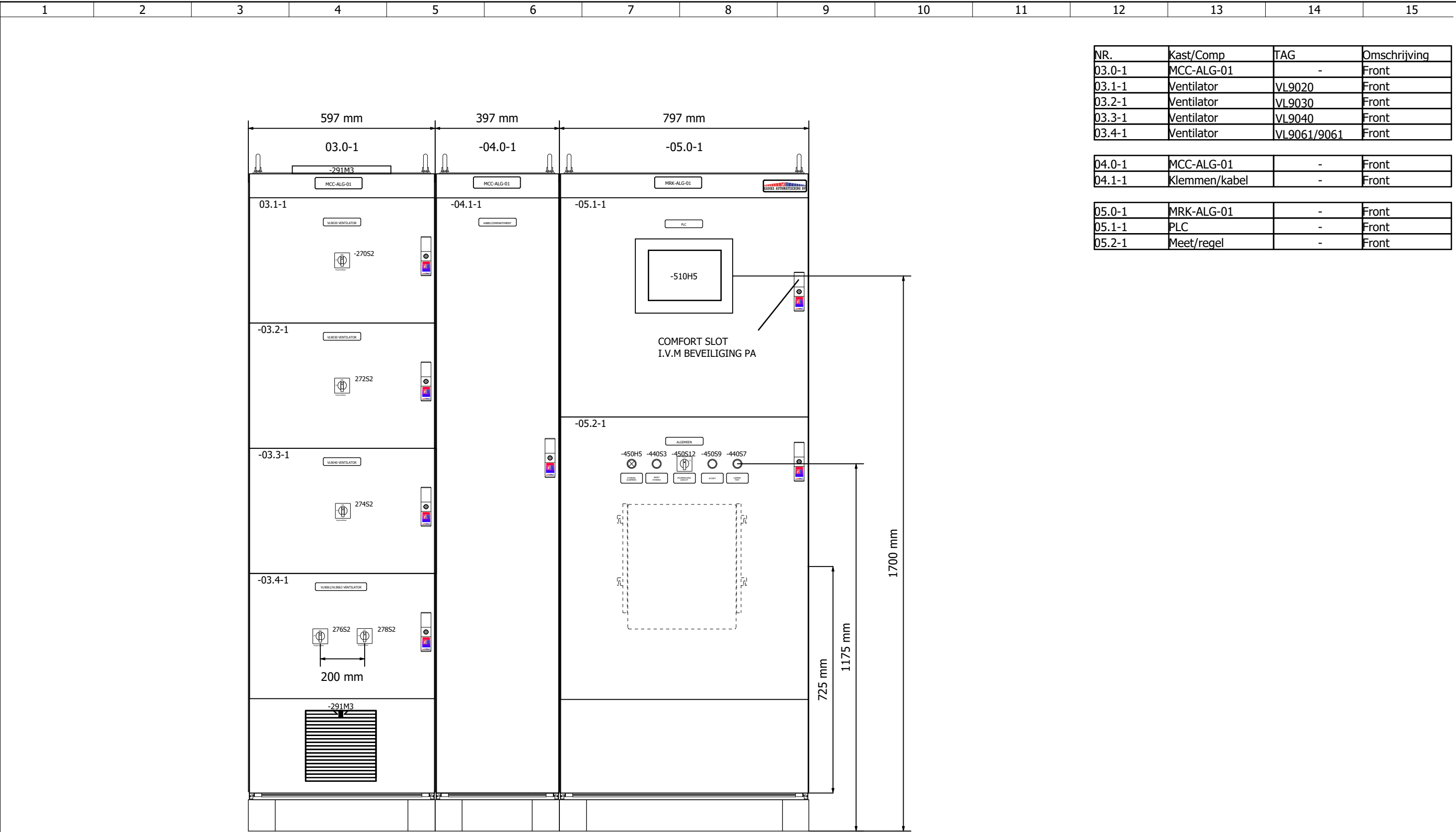
AWTG Zuidrand  
Koper leiding indeling Schakelkasten

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702



Kast eisen:  
Comfort sloten MRK (slot door Rijnland aan te leveren)

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Frontindeling Schakelkasten

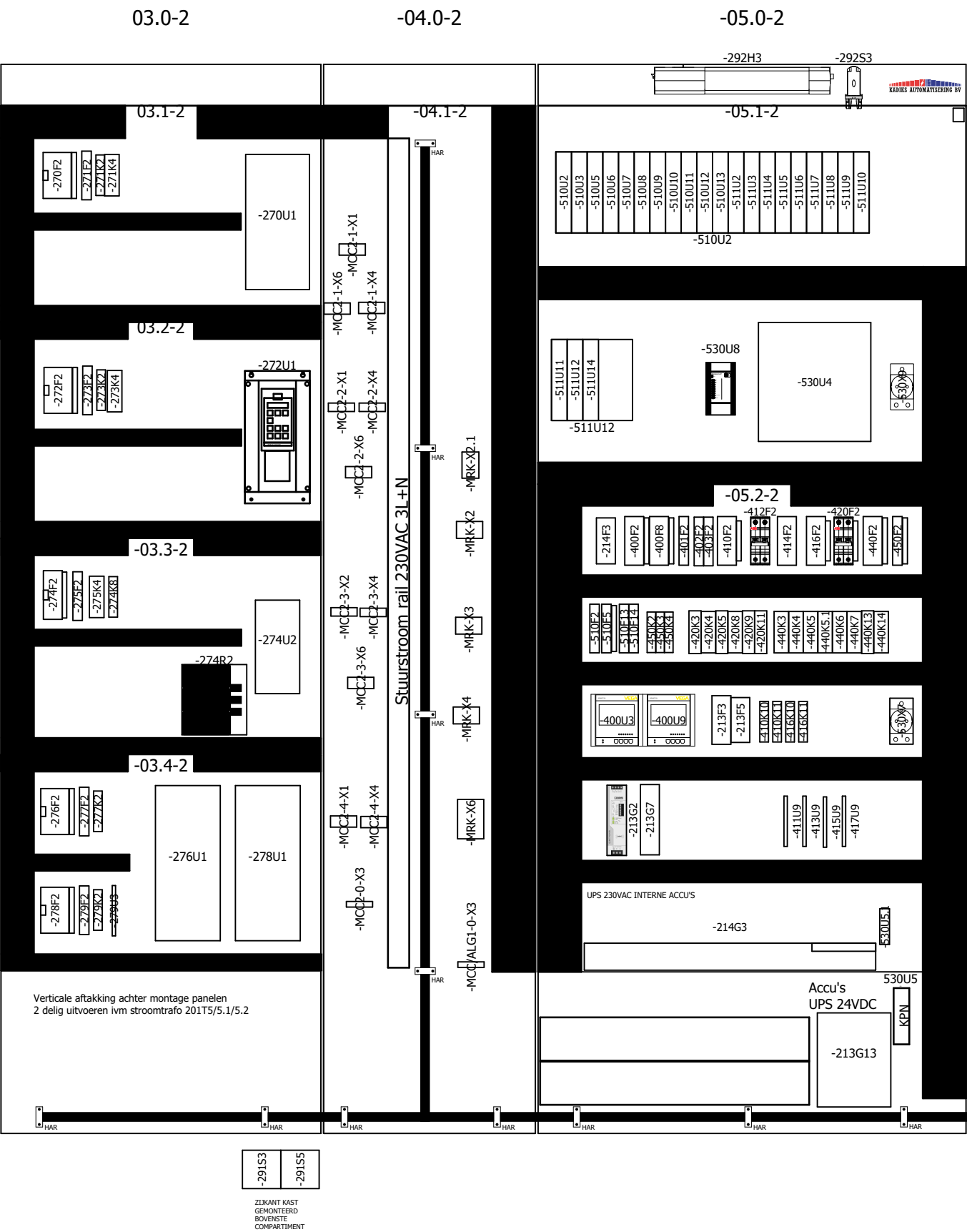
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| NR.    | Kast/Comp     | TAG         | Omschrijving |
|--------|---------------|-------------|--------------|
| 03.0-2 | MCC-ALG-01    | -           | Paneel       |
| 03.1-2 | Ventilator    | VL9020      | Paneel       |
| 03.2-2 | Ventilator    | VL9030      | Paneel       |
| 03.3-2 | Ventilator    | VL9040      | Paneel       |
| 03.4-2 | Ventilator    | VL9061/9063 | Paneel       |
| 04.0-2 | MCC-ALG-01    | -           | Paneel       |
| 04.1-2 | Klemmen/kabel | -           | Paneel       |
| 05.0-2 | MRK-ALG-01    | -           | Paneel       |
| 05.1-2 | PLC           | -           | Paneel       |
| 05.2-2 | Meet/regel    | -           | Paneel       |

-291S3  
-291S5  
ZIJKANT KAST  
GEMONTEERD  
BOVENSTE  
COMPARTIMENT

-292E5  
ZIJKANT KAST  
GEMONTEERD  
MRK-ALG-01

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Kastindeling Schakelkasten

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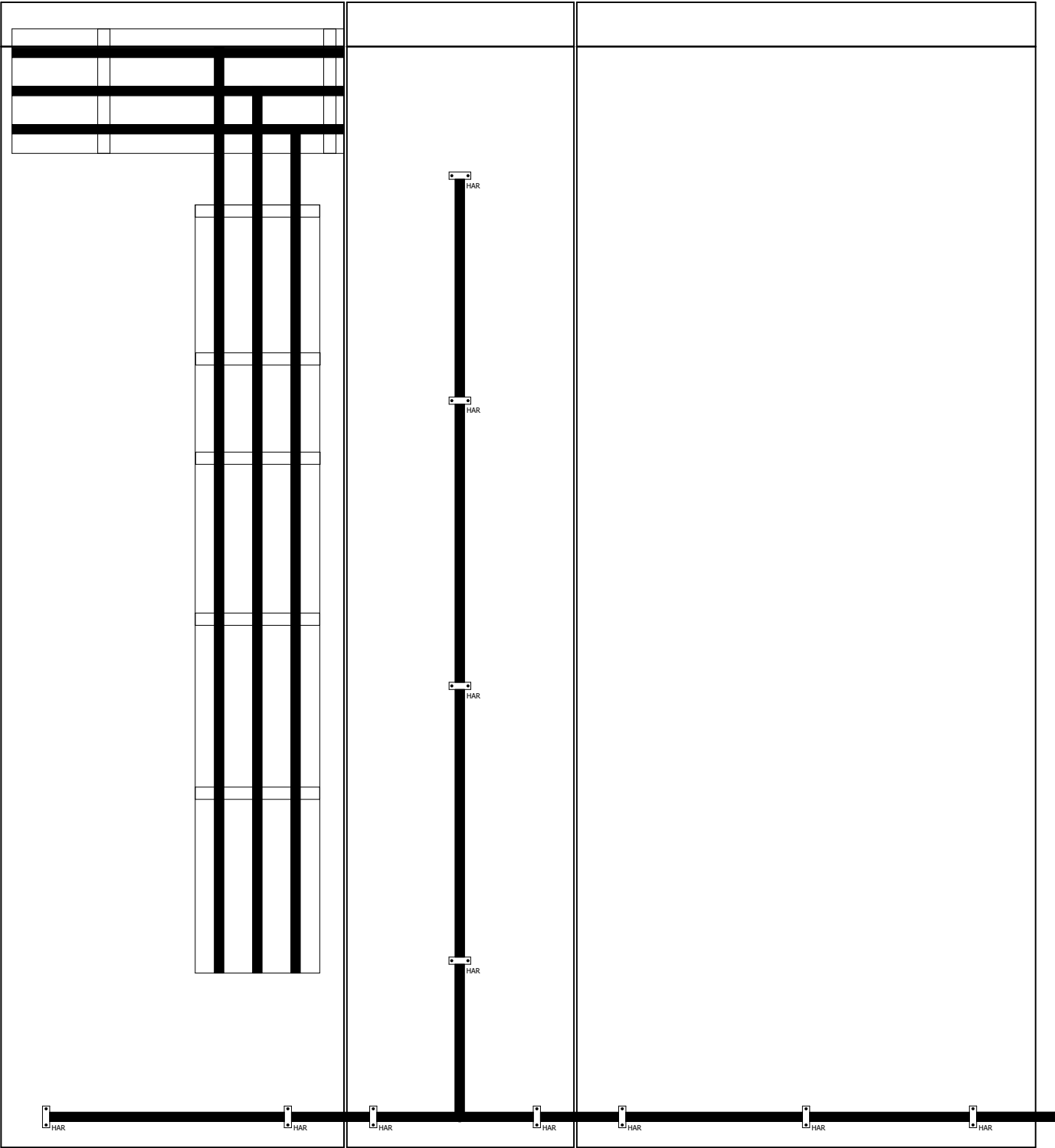
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704

03.0-2

-04.0-2

-05.0-2



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Kastindeling Schakelkasten

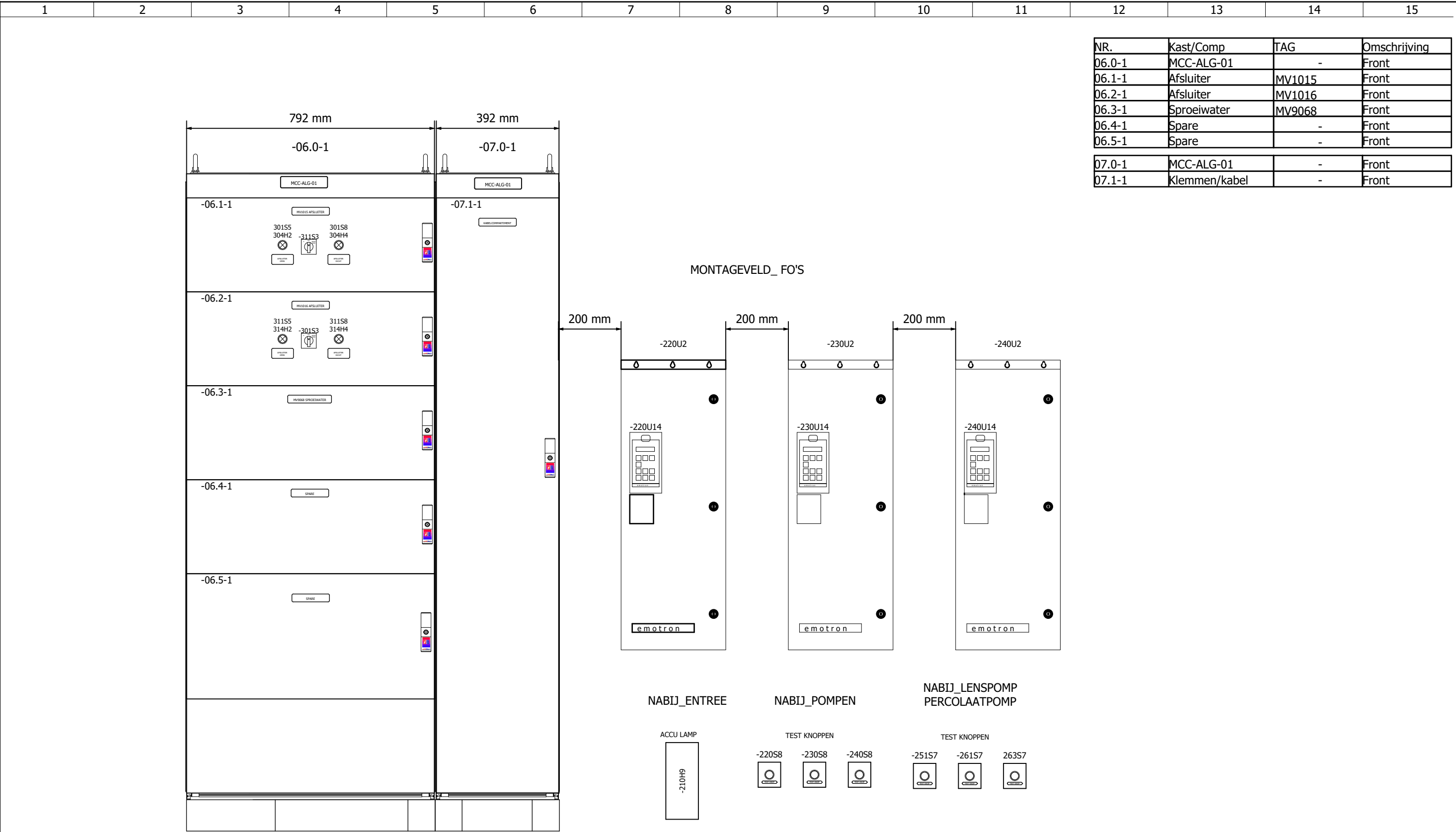
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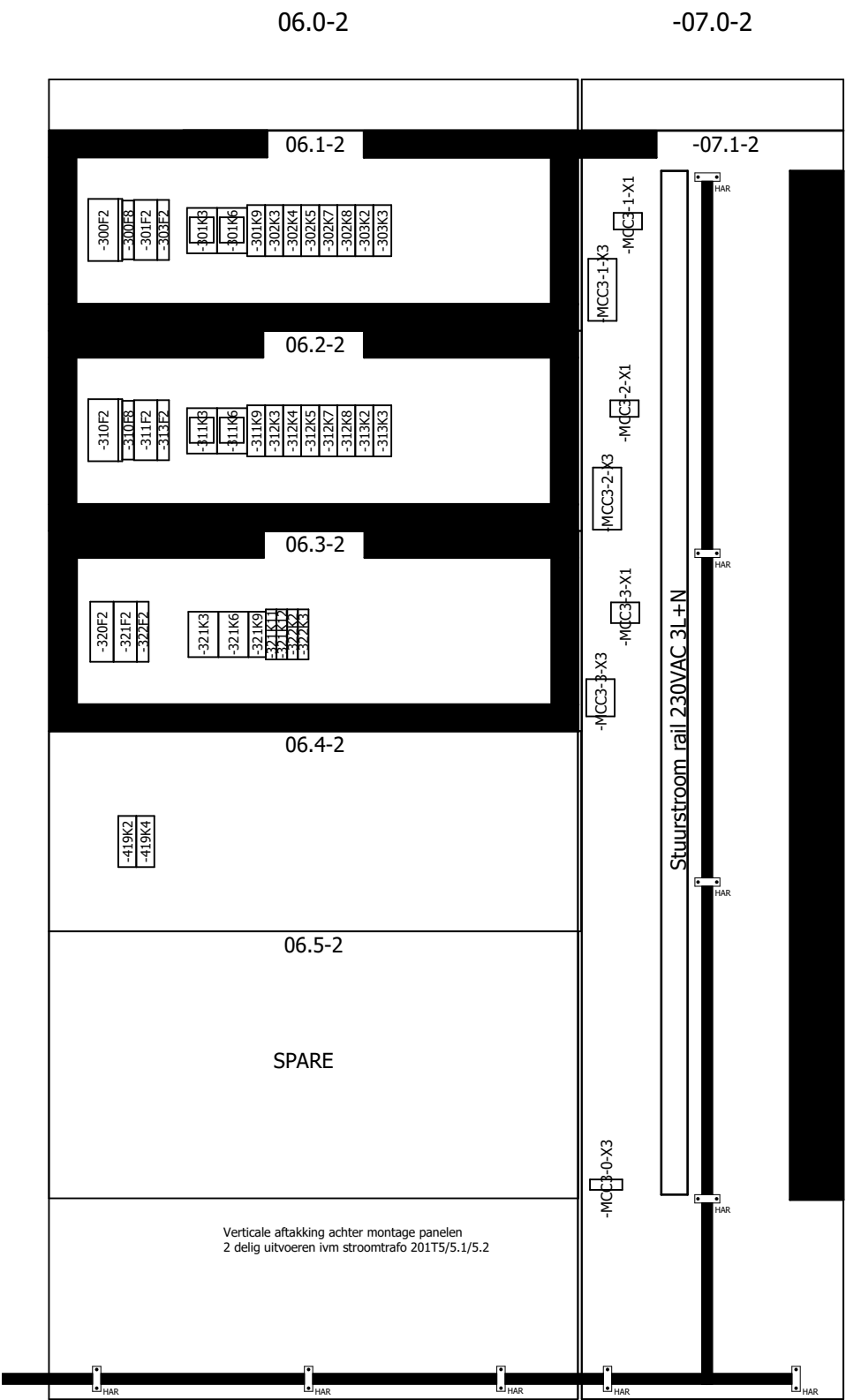
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| NR.    | Kast/Comp     | TAG    | Omschrijving |
|--------|---------------|--------|--------------|
| 06.0-2 | MCC-ALG-01    | -      | Paneel       |
| 06.1-2 | Afsluiter     | MV1015 | Paneel       |
| 06.2-2 | Afsluiter     | MV1016 | Paneel       |
| 06.3-2 | Sproeiwater   | MV9068 | Paneel       |
| 06.4-2 | Spare         | -      | Paneel       |
| 06.5-2 | Spare         | -      | Paneel       |
| 07.0-2 | MCC-ALG-01    | -      | Paneel       |
| 07.1-2 | Klemmen/kabel | -      | Paneel       |

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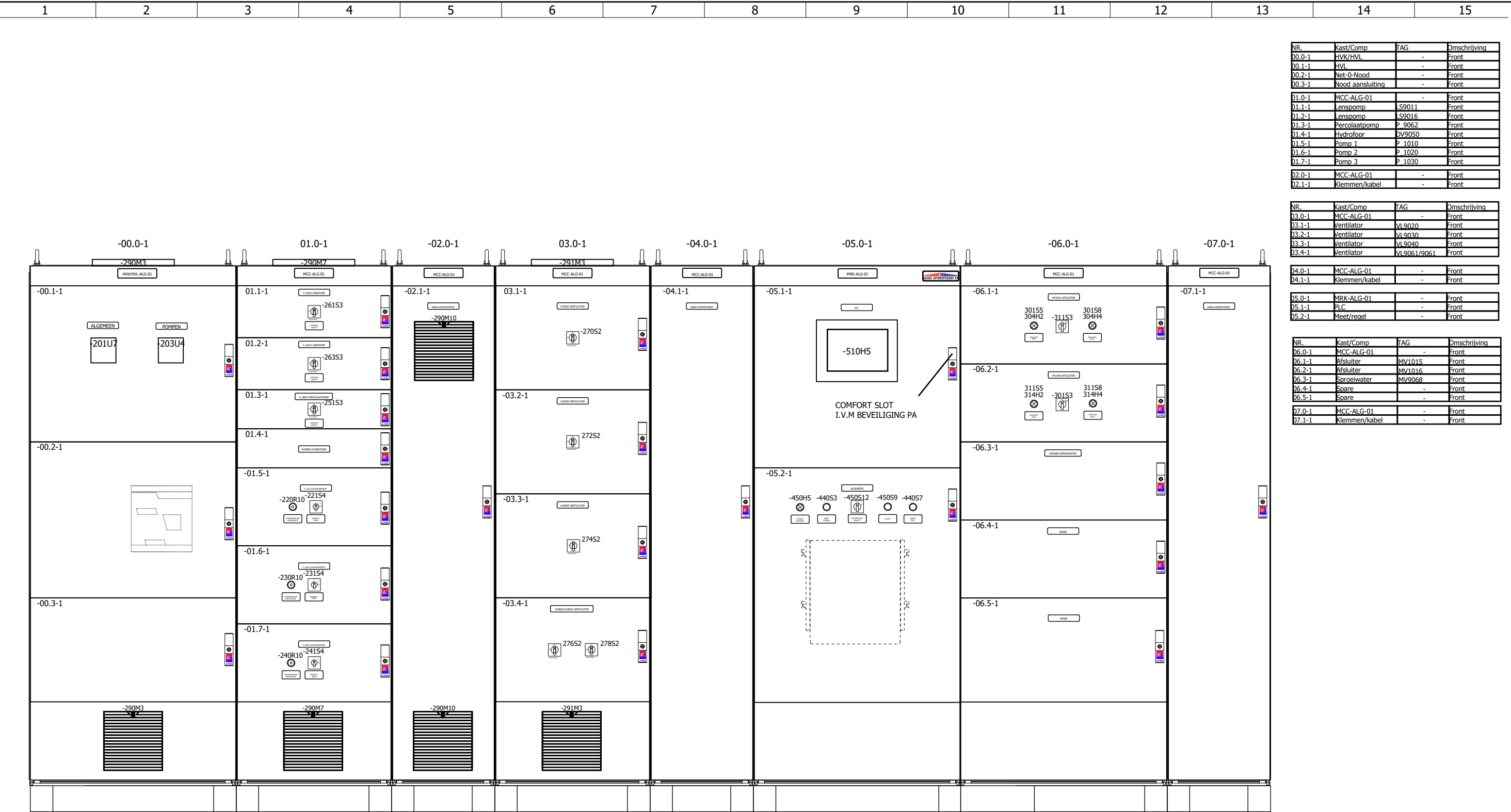
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Kastindeling Schakelkasten

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| NR.    | Kast/Comp        | TAG    | Omschrijving |
|--------|------------------|--------|--------------|
| 00.0-1 | HVK/HVL          | -      | Front        |
| 00.1-1 | HVL              | -      | Front        |
| 00.2-1 | Net-0-Nood       | -      | Front        |
| 00.3-1 | Nood aansluiting | -      | Front        |
| 01.0-1 | MCC-ALG-01       | -      | Front        |
| 01.1-1 | Lenspomp         | S9011  | Front        |
| 01.2-1 | Lenspomp         | S9016  | Front        |
| 01.3-1 | Percolaatpomp    | P 9062 | Front        |
| 01.4-1 | Hydrofoor        | DV9050 | Front        |
| 01.5-1 | Pomp 1           | P 1010 | Front        |
| 01.6-1 | Pomp 2           | P 1020 | Front        |
| 01.7-1 | Pomp 3           | P 1030 | Front        |
| 02.0-1 | MCC-ALG-01       | -      | Front        |
| 02.1-1 | Klemmen/kabel    | -      | Front        |

| NR.    | Kast/Comp     | TAG          | Omschrijving |
|--------|---------------|--------------|--------------|
| 03.0-1 | MCC-ALG-01    | -            | Front        |
| 03.1-1 | Ventilator    | VI 9020      | Front        |
| 03.2-1 | Ventilator    | VI 9030      | Front        |
| 03.3-1 | Ventilator    | VI 9040      | Front        |
| 03.4-1 | Ventilator    | VI 9061/9061 | Front        |
| 04.0-1 | MCC-ALG-01    | -            | Front        |
| 04.1-1 | Klemmen/kabel | -            | Front        |
| 05.0-1 | MRK-ALG-01    | -            | Front        |
| 05.1-1 | PLC           | -            | Front        |
| 05.2-1 | Meet/regel    | -            | Front        |

| NR.    | Kast/Comp     | TAG    | Omschrijving |
|--------|---------------|--------|--------------|
| 06.0-1 | MCC-ALG-01    | -      | Front        |
| 06.1-1 | Afsluiter     | MV1015 | Front        |
| 06.2-1 | Afsluiter     | MV1016 | Front        |
| 06.3-1 | Sproeiwater   | MV9068 | Front        |
| 06.4-1 | Spare         | -      | Front        |
| 06.5-1 | Spare         | -      | Front        |
| 07.0-1 | MCC-ALG-01    | -      | Front        |
| 07.1-1 | Klemmen/kabel | -      | Front        |

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Volledige Kastaanzicht Schakelkasten

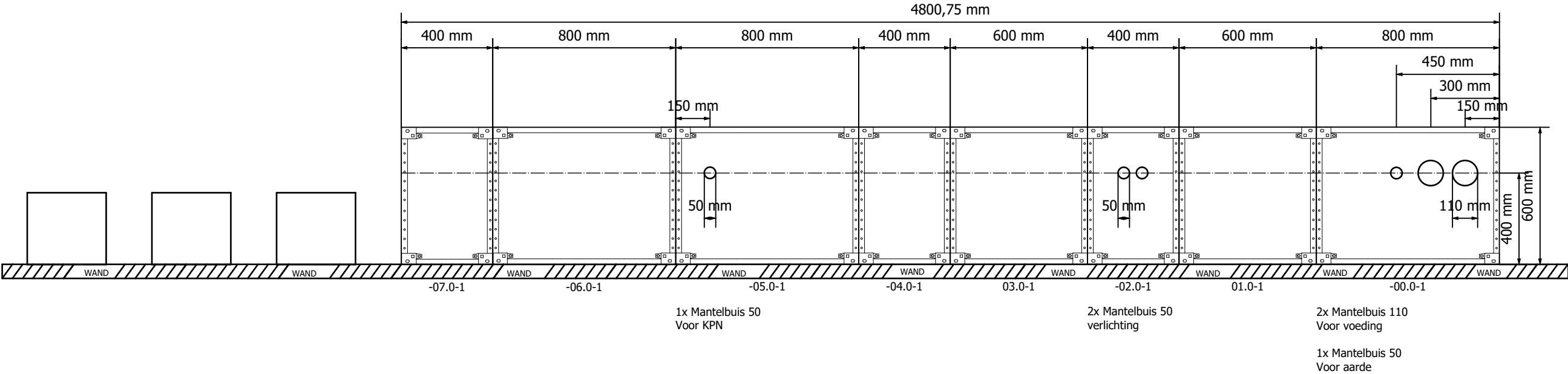
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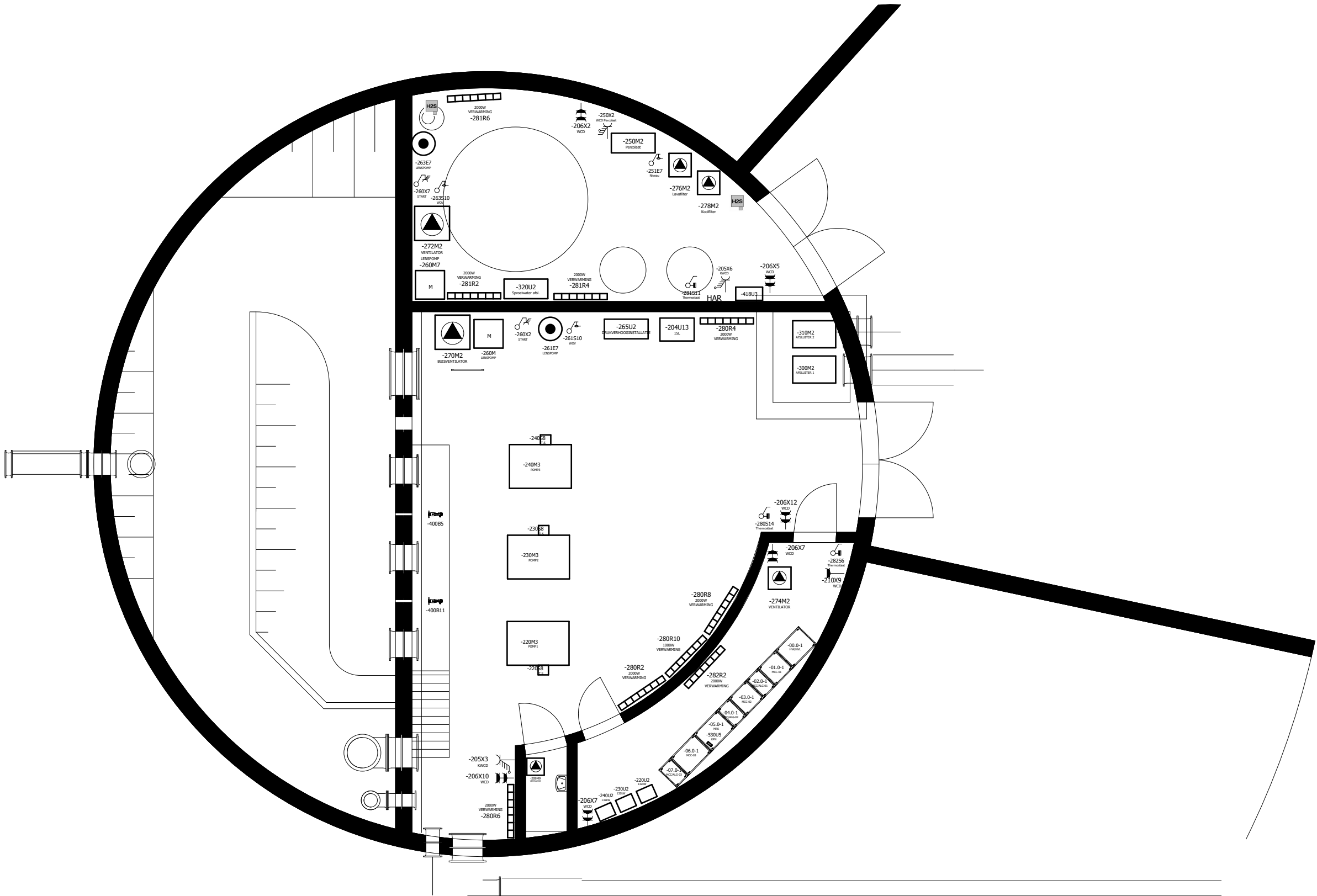
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LET OP RONDEVORMGEVING VAN HET GEMAAL



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AWTG Zuidrand  
Plattegrond

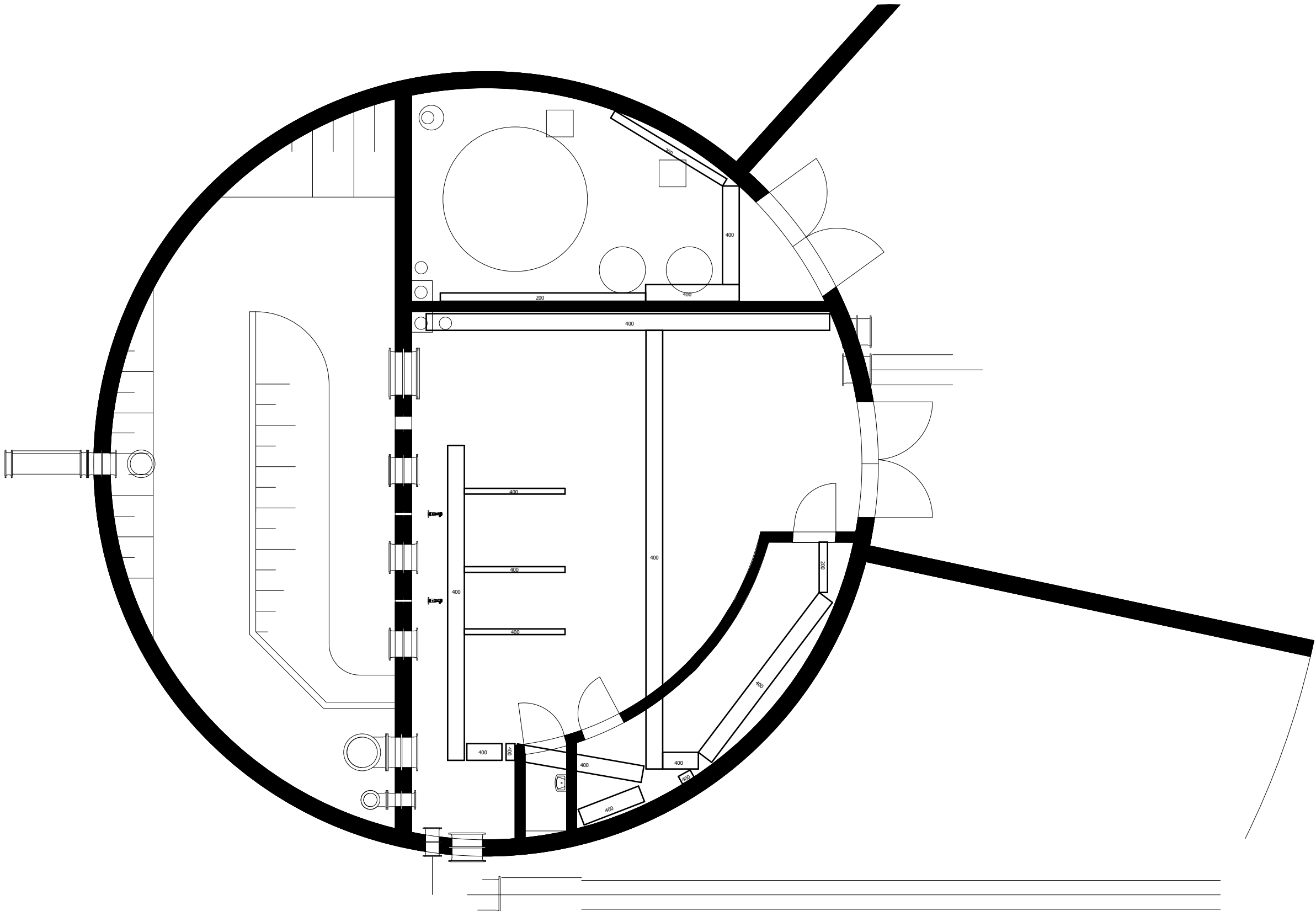
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AWTG Zuidrand  
Plattegrond kabelgoot

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Verlichting

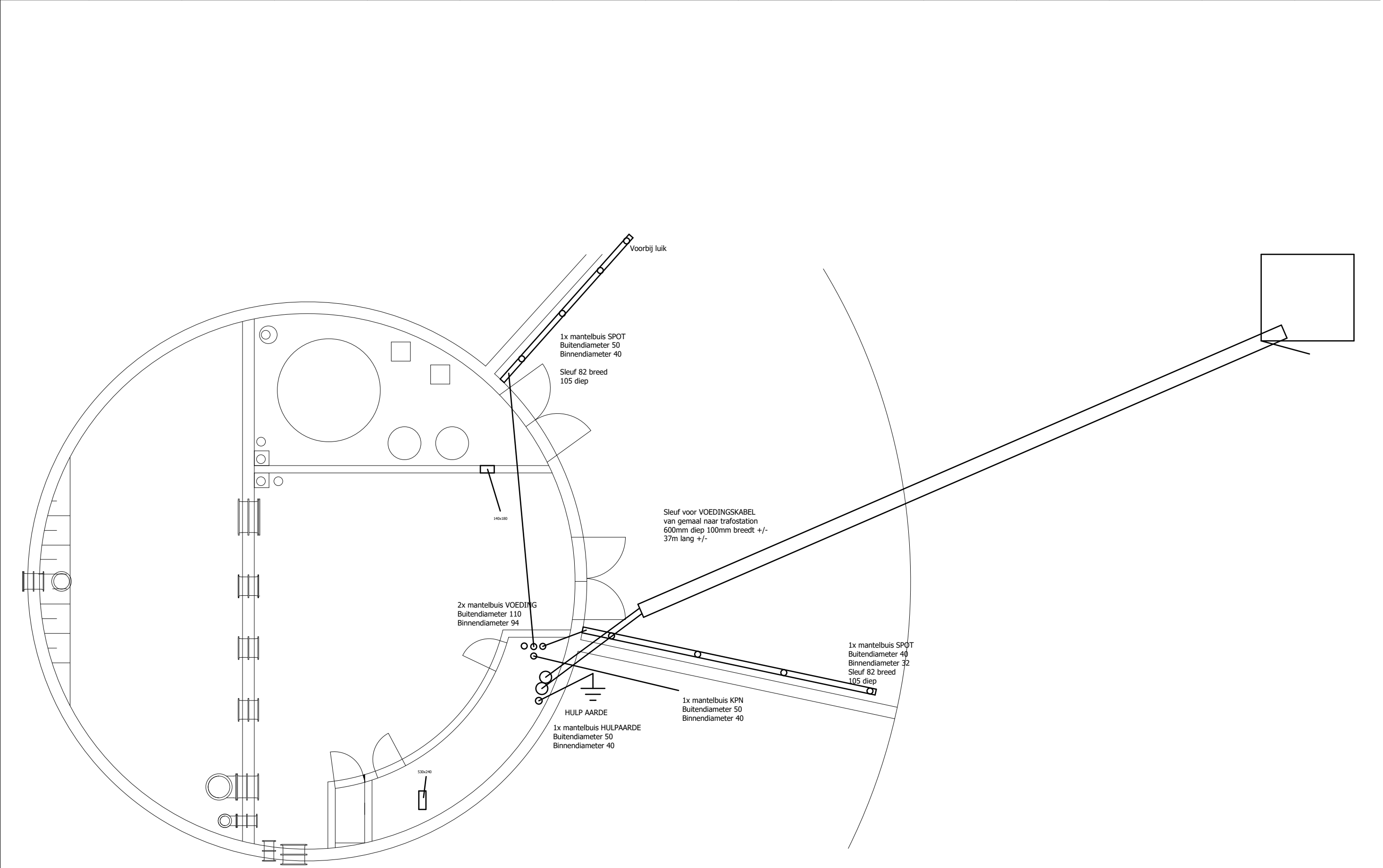
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AWTG Zuidrand Mantelbuis

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Kabeloverzicht

| KABEL            |                  |              |        | VAN    | NAAR                                 | OPMERKING |
|------------------|------------------|--------------|--------|--------|--------------------------------------|-----------|
| NUMMER           | SOORT            | DOORSNEDE    | LENGTE |        |                                      |           |
| ACTUATOR         |                  |              |        |        |                                      |           |
| HVK-TR-01-00-W1  | YMKMB 2x4x120mm² |              |        | 200Q3  | VOEDING VAN TRAFO                    |           |
| HVK-VL-00-00-W1  | KVCC             | 3x1,5mm² mm² |        | HVK-X3 | VENTILATOR HVK                       |           |
| HVL-HE-00-00-W1  | YMvK-mb          | 3x2,5mm² mm² |        | HVL-X2 | CLOSE-UP BOILER HE9070               |           |
| HVL-HE-00-00-W2  | YMvK-mb          | 3x2,5mm² mm² |        | HVL-X2 | VERWARMING HE9080                    |           |
| HVL-HE-00-00-W3  | YMvK-mb          | 3x2,5mm² mm² |        | HVL-X2 | VERWARMING HE9081                    |           |
| HVL-HE-00-00-W4  | YMvK-mb          | 3x2,5mm² mm² |        | HVL-X2 | =                                    |           |
| HVL-HE-00-00-W5  | YMvK-mb          | 3x2,5mm² mm² |        | HVL-X2 | =                                    |           |
| HVL-HE-00-00-W6  | YMvK-mb          | 3x2,5mm² mm² |        | HVL-X2 | =                                    |           |
| HVL-HE-00-00-W7  | CC               | 3x1mm² mm²   |        | HVL-X2 | THERMOSTAAT TS9080                   |           |
| HVL-HE-00-00-W8  | YMvK-mb          | 3x2,5mm² mm² |        | HVL-X2 | VERWARMING HE9082                    |           |
| HVL-HE-00-00-W9  | YMvK-mb          | 3x2,5mm² mm² |        | HVL-X2 | VERWARMING HE9083                    |           |
| HVL-HE-00-00-W10 | YMvK-mb          | 3x2,5mm² mm² |        | HVL-X2 | =                                    |           |
| HVL-HE-00-00-W11 | YMvK mb          | 3x2,5mm² mm² |        | HVL-X2 | TS9082 THERMOSTAAT                   |           |
| HVL-HE-00-00-W12 | YMvK-mb          | 3x2,5mm² mm² |        | HVL-X2 | VERWARMING HE9082                    |           |
| HVL-HE-00-00-W13 | YMvK mb          | 3x2,5mm² mm² |        | HVL-X2 | TS9082 THERMOSTAAT                   |           |
| HVL-QS-00-00-W1  | YMvK mb          | 3x2,5mm² mm² |        | HVL-X2 | VOEDING H2S METING                   |           |
| HVL-QS-00-00-W2  | CC               | 4x1 mm²      |        | 418S10 |                                      |           |
| HVL-QS-00-00-W3  | CC               | 4x1 mm²      |        | 418S12 |                                      |           |
| HVL-QS-00-00-W4  | CC               | 4x           |        | 418H13 |                                      |           |
| HVL-QS-00-00-W5  | CC               | 4x           |        | 418H15 |                                      |           |
| HVL-QS-00-00-W6  | CC               | 8x1mm² mm²   |        | HVL-X3 | RELAIS 1 & 3 H2S METING              |           |
| HVL-S-00-00-W1   | YMvK-mb          | 4x2,5mm² mm² |        | HVL-X2 | VERLICHTING SCHAKELAAR SCHAKELRUIMTE |           |
| HVL-S-00-00-W2   | YMvK-mb          | 4x2,5mm² mm² |        | HVL-X2 | =                                    |           |
| HVL-S-00-00-W3   | YMvK-mb          | 3x2,5mm² mm² |        | HVL-X2 | VERLICHTING SCHAKELAAR TOILET        |           |
| HVL-S-00-00-W4   | YMvK-mb          | 5x2,5mm² mm² |        | HVL-X2 | VERLICHTING SCHAKELAAR SCHAKELRUIMTE |           |
| HVL-S-00-00-W5   | YMvK-mb          | 3x2,5mm² mm² |        | HVL-X2 | VERLICHTING SCHAKELAAR TOILET        |           |
| HVL-S-00-00-W6   | YMvK-mb          | 3x2,5mm² mm² |        | 211S5  | VERLICHTING SCHAKELAAR GEVEL         |           |
|                  |                  |              |        | HVL-X2 |                                      |           |
| HVL-S-00-00-W6.1 | YMvK-mb          | 3x2,5mm² mm² |        | 211S5  | VERLICHTING SCHAKELAAR GEVEL         |           |
| HVL-Z-00-00-W1   | YMvK 5x4         | 5x4mm² mm²   |        | HVL-X1 | KWCD SCHAKELRUIMTE                   |           |
| HVL-Z-00-00-W2   | YMvK 5x4         | 5x4mm² mm²   |        | HVL-X1 | KWCD POMPKELDER                      |           |
| HVL-Z-00-00-W3   | YMvK-mb          | 3x2,5mm² mm² |        | HVL-X2 | WCD ENTREE                           |           |



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| KABEL             |                           |              |        | VAN       | NAAR                          | OPMERKING |
|-------------------|---------------------------|--------------|--------|-----------|-------------------------------|-----------|
| NUMMER            | SOORT                     | DOORSNEDE    | LENGTE |           |                               |           |
| HVL-Z-00-00-W4    | YMvK-mb                   | 3x2,5mm² mm² |        | HVL-X2    | ENTREE DUBBELE DEUR           |           |
| HVL-Z-00-00-W5    | YMvK-mb                   | 3x2,5mm² mm² |        | HVL-X2    | WCD NABIJ BUREAU              |           |
| HVL-Z-00-00-W6    | YMvK-mb                   | 3x2,5mm² mm² |        | HVL-X2    | WCD TOILET                    |           |
| HVL-Z-00-00-W7    | YMvK-mb                   | 3x2,5mm² mm² |        | HVL-X2    | WCD POMPKELDER                |           |
| HVL-Z-00-00-W9    | YMvK mb                   | 3x2,5mm² mm² |        | 209H2     | VERLICHTING SCHAKELRUIMTE     |           |
| HVL-Z-00-00-W10   | YMvK mb                   | 3x2,5mm² mm² |        | 209H5     | =                             |           |
| HVL-Z-00-00-W11   | YMvK mb                   | 3x2,5mm² mm² |        | 209H7     | VERLICHTING TOILET            |           |
| HVL-Z-00-00-W12   | YMvK mb                   | 3x2,5mm² mm² |        |           | =                             |           |
| HVL-Z-00-00-W13   | YMvK-mb                   | 3x2,5mm² mm² |        | 209H10    | VERLICHTING POMPKELDER        |           |
| HVL-Z-00-00-W14   | YMvK mb                   | 3x2,5mm² mm² |        | 209H12    | =                             |           |
| HVL-Z-00-00-W16   | YMvK-mb                   | 3x2,5mm² mm² |        | HVL-X2    | NOODVERLICHTING SCHAKELRUIMTE |           |
| HVL-Z-00-00-W18   | YMvK mb                   | 3x2,5mm² mm² |        |           | NOODVERLICHTING ENTREE        |           |
|                   |                           |              |        | HVL-X2    |                               |           |
| HVL-Z-00-00-W19   | YMvK mb                   | 3x2,5mm² mm² |        |           | NOODVERLICHTING ENTREE        |           |
| HVL-Z-00-00-W20   | YMvK mb                   | 3x2,5mm² mm² |        | HVL-X2    | WCD t.b.v. HANDLAMP           |           |
| HVL-Z-00-00-W21   | YMvK-mb                   | 3x2,5mm² mm² |        | 211H3     | GEVEL VERLICHTING             |           |
| HVL-Z-00-00-W22   | YMvK-mb                   | 3x2,5mm² mm² |        | 211H5     | =                             |           |
| MCC1-DV-01-04-W1  | YMvK-mb                   | 5x2,5mm² mm² |        | MCC1-4-X1 | DV9050 VOEDING                |           |
| MCC1-DV-01-04-W2  | YMvK-mb                   | 7x1,5mm² mm² |        | MCC1-4-X3 | DV9050 MELDINGEN              |           |
| MCC1-DV-01-04-W3  | CC                        | 2x           |        | MCC1-4-X8 |                               |           |
| MCC1-FO-01-05-W1  | YMKMB 4x70                | 4x70mm² mm²  |        | MCC1-5-X1 | FO1010 VOEDING                |           |
| MCC1-FO-01-05-W2  | EMC-Flex 4X70             | 4x70 mm²     |        | 220M3     | P1010 VOEDING                 |           |
| MCC1-FO-01-05-W3  | CY                        | 3x1mm² mm²   |        | 220M3     | TS1010                        |           |
| MCC1-FO-01-05-W4  | CC                        | 8x1mm² mm²   |        | MCC1-5-X4 | FO1010 STUURSTROOM NAAR MCC   |           |
| MCC1-FO-01-05-W6  | CC                        | 7x1mm² mm²   |        | MCC1-5-X6 | FO1010 TOERENREGELING         |           |
| MCC1-FO-01-05-W7  | YMvK-mb                   | 7x1,5mm² mm² |        | MCC1-5-X3 | FO1010 BEDRIJF                |           |
| MCC1-FO-01-05-W8  | Rheyflex® 500-Y-JZ 7x17x1 | mm²          |        | MCC1-5-X6 | FO1010 MOTORSTROOM            |           |
| MCC1-FO-01-05-W10 | CC                        | 3x1mm² mm²   |        | MCC1-5-X3 | FO1010 BEDRIJF                |           |
| MCC1-FO-01-06-W1  | YMKMB 4x70                | 4x70mm² mm²  |        | MCC1-6-X1 | FO1020 VOEDING                |           |
| MCC1-FO-01-06-W2  | EMC-Flex 4X70             | 4x70 mm²     |        | 230M3     | P1020 VOEDING                 |           |
| MCC1-FO-01-06-W3  | CY                        | 3x1mm² mm²   |        | 230M3     | TS1020                        |           |
| MCC1-FO-01-06-W4  | CC                        | 8x1mm² mm²   |        | MCC1-6-X4 | FO1020 STUURSTROOM NAAR MCC   |           |
| MCC1-FO-01-06-W6  | CC                        | 7x1mm² mm²   |        | MCC1-6-X6 | FO1020 TOERENREGELING         |           |



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| KABEL            |                           |               |        | VAN       | NAAR                        | OPMERKING |
|------------------|---------------------------|---------------|--------|-----------|-----------------------------|-----------|
| NUMMER           | SOORT                     | DOORSNEDE     | LENGTE |           |                             |           |
| MCC1-FO-01-06-W7 | YMvK-mb                   | 7x1mm² mm²    |        | MCC1-6-X3 | FO1020 BEDRIJF              |           |
| MCC1-FO-01-06-W8 | Rheyflex® 500-CY-JZ 3G3x1 | 3x1 mm²       |        | MCC1-6-X6 | FO1020 MOTORSTROOM          |           |
| MCC1-FO-01-06-W9 | Rheyflex® 500-CY-JZ 3G3x1 | 3x1 mm²       |        | MCC1-6-X6 | =                           |           |
| MCC1-FO-01-07-W1 | YMVKMB 4x70               | 4x70mm² mm²   |        | MCC1-7-X1 | FO1030 VOEDING              |           |
| MCC1-FO-01-07-W2 | EMC-Flex 4X70             | 4x70 mm²      |        | 240M3     | P1030 VOEDING               |           |
| MCC1-FO-01-07-W3 | CY                        | 3x1mm² mm²    |        | 240M3     | TS1030                      |           |
| MCC1-FO-01-07-W4 | CC                        | 12x1mm² mm²   |        | MCC1-7-X4 | FO1030 STUURSTROOM NAAR MCC |           |
| MCC1-FO-01-07-W6 | CC                        | 7x1mm² mm²    |        | MCC1-7-X6 | FO1030 TOERENREGELING       |           |
| MCC1-FO-01-07-W7 | YMvK-mb                   | 7x1mm² mm²    |        | MCC1-7-X3 | FO 1030 BEDRIJF             |           |
| MCC1-FO-01-07-W8 | EMC-Flex 3x1              | 3x1mm² mm²    |        | MCC1-7-X6 | FO1030 MOTORSTROOM          |           |
| MCC1-FO-01-07-W9 | EMC-Flex 3x1              | 3x1mm² mm²    |        | MCC1-7-X6 | FO1030 FREQUENTIE           |           |
| MCC1-LP-01-01-W1 | YMvK-mb                   | 4x2,5mm² mm²  |        | MCC1-1-X1 | P9010 LENS POMP VOEDING     |           |
| MCC1-LP-01-01-W2 | YMvK-mb                   | 4x2,5mm² mm²  |        | 260X2     |                             |           |
| MCC1-LP-01-01-W3 | YMvK-mb                   | 2x1,5 mm²     |        | 260X2     | LENSPOMP AANGESLOTEN        |           |
| MCC1-LP-01-01-W4 | CC                        | 4x1mm² mm²    |        | MCC1-1-X4 |                             |           |
| MCC1-LP-01-01-W5 | CC                        | 2x1mm² mm²    |        | MCC1-1-X4 | WOV LS9011                  |           |
| MCC1-LP-01-02-W1 | YMvK-mb                   | 4x2,5mm² mm²  |        | MCC1-2-X1 | P9010 LENS POMP VOEDING     |           |
| MCC1-LP-01-02-W2 | YMvK-mb                   | 4x2,5mm² mm²  |        | 260X7     |                             |           |
| MCC1-LP-01-02-W3 | YMvK-mb                   | 2x1,5 mm²     |        | 260X7     | LENSPOMP AANGESLOTEN        |           |
| MCC1-LP-01-02-W4 | CC                        | 4x1mm² mm²    |        | MCC1-2-X4 |                             |           |
| MCC1-LP-01-02-W5 | CC                        | 2x1mm² mm²    |        | MCC1-2-X4 | WOV LS9011                  |           |
| MCC1-PP-01-03-W1 | YMvK-mb                   | 4x2,5mm² mm²  |        | MCC1-3-X1 | P9010 LENS POMP VOEDING     |           |
| MCC1-PP-01-03-W2 | YMvK-mb                   | 4x2,5mm² mm²  |        | 250X2     |                             |           |
| MCC1-PP-01-03-W3 | YMvK-mb                   | 2x1,5 mm²     |        | 250X2     | LENSPOMP AANGESLOTEN        |           |
| MCC1-PP-01-03-W4 | CC                        | 4x1mm² mm²    |        | MCC1-3-X4 |                             |           |
| MCC1-VL-01-00-W1 | KVCC                      | 3x1,5mm² mm²  |        | MCC1-0-X3 | VENTILATOR MCC              |           |
| MCC2-VL-03-00-W1 | KVCC                      | 3x1,5mm² mm²  |        | MCC2-0-X3 | VENTILATOR HVK              |           |
| MCC2-VL-03-01-W1 | Rheyflex® 500-CY-JZ 4G2x3 | 4x3,5mm² mm²  |        | MCC2-1-X1 | MR9020 VOEDING              |           |
| MCC2-VL-03-01-W2 | CY-JZ 5G0,75              | 5x0,75mm² mm² |        | MCC2-1-X6 | TT9031 THERMOSTAAT          |           |
| MCC2-VL-03-01-W3 | CC                        | 2x1 mm²       |        | MCC2-1-X4 |                             |           |
| MCC2-VL-03-02-W1 | Rheyflex® 500-CY-JZ 4G2x3 | 4x3,5mm² mm²  |        | MCC2-2-X1 | MR9020 VOEDING              |           |
| MCC2-VL-03-02-W2 | CY-JZ 5G0,75              | 5x0,75mm² mm² |        | MCC2-2-X6 | TT9031 THERMOSTAAT          |           |
| MCC2-VL-03-02-W3 | CC                        | 2x1 mm²       |        | MCC2-2-X4 |                             |           |



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|----------------------|--------------------------------|---------------|--------|---------------|-----------------------------|-----------|
| NUMMER               | SOORT                          | DOORSNEDE     | LENGTE |               |                             |           |
| MCC2-VL-03-03-W1     | Rheyflex® 500-CY-JZ 3Gx1 mm²   |               |        | MCC2-3-X2     |                             |           |
| MCC2-VL-03-03-W3     | CY-JZ 5G0,75                   | 5x0,75mm² mm² |        | MCC2-3-X6     | TT9031 THERMOSTAAT          |           |
| MCC2-VL-03-04-W1     | Rheyflex® 500-CY-JZ 4Gx2,5 mm² |               |        | MCC2-4-X1     | MR9020 VOEDING              |           |
| MCC2-VL-03-04-W2     | CC                             | 2x1 mm²       |        | MCC2-4-X4     |                             |           |
| MCC2-VL-03-04-W3     | Rheyflex® 500-CY-JZ 4Gx2,5 mm² |               |        | MCC2-4-X1     | MR9020 VOEDING              |           |
| MCC2-VL-03-04-W4     | CC                             | 2x1 mm²       |        | MCC2-4-X4     |                             |           |
| MCC3-MV-06-01-W1     | Rheyflex® 500-Y-JZ 4Gx1,5 mm²  |               |        | MCC3-1-X1     |                             |           |
| MCC3-MV-06-01-W2     | Rheyflex® 500-Y-JZ 12x12x1 mm² |               |        | MCC3-1-X3     |                             |           |
| MCC3-MV-06-01-W3     | CC                             | 7x1mm² mm²    |        |               |                             |           |
|                      |                                |               |        | MCC3-1-X3     |                             |           |
| MCC3-MV-06-02-W1     | Rheyflex® 500-Y-JZ 4Gx1,5 mm²  |               |        | MCC3-2-X1     |                             |           |
| MCC3-MV-06-02-W2     | Rheyflex® 500-Y-JZ 12x12x1 mm² |               |        | MCC3-2-X3     |                             |           |
| MCC3-MV-06-02-W3     | CC                             | 7x1mm² mm²    |        | MCC3-2-X3     |                             |           |
| MCC3-MV-06-03-W0     | YMvK 3x2,5                     | 3x2,5mm² mm²  |        | MCC3-3-X1     |                             |           |
| MCC3-MV-06-03-W1     | Rheyflex® 500-Y-JZ 6x16x1 mm²  |               |        | MCC3-3-X8     |                             |           |
|                      |                                |               |        | MCC3-3-X1     |                             |           |
| MCC/ALG1-VL-02-00-W2 | KVCC                           | 3x1,5mm² mm²  |        | MCC/ALG1-0-X3 | VENTILATOR MCC-ALG          |           |
| MRK-ALG-00-02-W1     | CC                             | 3x0.75mm² mm² |        | MRK-X3        | OPTISCHE SIGNALERING        |           |
| MRK-ALG-00-02-W2     | CC                             | 3x0.75mm² mm² |        | MRK-X3        | =                           |           |
| MRK-FO-01-05-W1      | CC                             | 5x1mm² mm²    |        | 220S8         | FO1010 STUURSTROOM NAAR MRK |           |
|                      |                                |               |        | MRK-X4        |                             |           |
| MRK-FO-01-05-W2      | CC                             | 2x1mm² mm²    |        | 220U2         |                             |           |
| MRK-FO-01-06-W1      | CC                             | 5x1mm² mm²    |        | MRK-X4        | FO1020 STUURSTROOM NAAR MRK |           |
| MRK-FO-01-06-W2      | CC                             | 2x1mm² mm²    |        | 230S8         | FO1020                      |           |
|                      |                                |               |        | 230U2         |                             |           |
| MRK-FO-01-07-W1      | CC                             | 5x1mm² mm²    |        | MRK-X4        | FO1030 STUURSTROOM NAAR MRK |           |
| MRK-FO-01-07-W2      | CC                             | 2x1mm² mm²    |        | 240S8         |                             |           |
|                      |                                |               |        | 240U2         |                             |           |
| MRK-FT-00-02-W1      | YMvK 4x2,5                     | 4x2,5mm² mm²  |        | MRK-X2        | FT1040 VOEDING              |           |
| MRK-FT-00-02-W2      | YMvK-mb                        | 7x1mm² mm²    |        | 410B4         | FT1040 DEBIET COM1          |           |
| MRK-FT-00-02-W3      | CY                             | 3x1mm² mm²    |        | MRK-X6        | FT1040 MEETING              |           |
| MRK-FT-00-02-W4      | YMvK-mb                        | 3x1mm² mm²    |        | 410B4         | FT1040 DEBIET COM2          |           |
| MRK-FT-00-02-W5      | CC                             | 4x1mm² mm²    |        | MRK-X4        | FT1040 DEBIET MELDING       |           |



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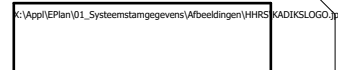
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Fax.: 0182-616412

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Artikellijst

| Code (ODC) | Aantal | Omschrijving                                                               | Typenummer                    | Fabrikaat                      | Bestelnr. B&B   | Schema / positie |
|------------|--------|----------------------------------------------------------------------------|-------------------------------|--------------------------------|-----------------|------------------|
| 200Q3      | 2      | Lastscheider, vierpolig 630A, 50kAbodembevestiging, verticale aansluiting. | DMV 630N/4                    | Eaton Holec                    | 1814 444        | 200/3            |
| 200Q3      | 1      | DMV 630N/4 doorverbindingsset                                              | DMV 630N/4 doorverbindingsset | Eaton Holec                    | 1314881         | 200/3            |
| 200S9      | 1      | Lastscheider, vierpolig 125A, 50kA                                         | DMM 125/4                     | Eaton Holec                    | 1314204         | 200/9            |
| 200Q9      | 1      | VERMOGENS AUTOMAAT                                                         | NZMB1-4-A80                   | Moeller Electric BV            | 265805          | 200/9            |
| 201F1      | 1      | TN-S, TT stelsels                                                          | VAL-SEC-T2-3S-350-FM          | Phoenix Contact                | 2905340         | 201/1            |
| 201F2      | 1      | Zekeringlastscheider DIN 00                                                | SV 9344,000                   | Rittal                         | SV 9344.000     | 201/2            |
| 201U5      | 1      | Apparaatadapter                                                            | SV9342.710                    | Rittal                         | SV9342.710      | 201/5            |
| 201S5      | 1      | Lastscheider, vierpolig 630A, 50kAbodembevestiging, verticale aansluiting. | DMV 630N/4                    | Eaton Holec                    | 1814 444        | 201/5            |
| 201T5      | 1      | Eleq RM60N-E4A Stroomtrafo 500/5 4-5-7,5VA                                 | RM60E4A5005A                  | Faget                          | 4810684         | 201/5            |
| 201T5.1    | 1      | Eleq RM60N-E4A Stroomtrafo 500/5 4-5-7,5VA                                 | RM60E4A5005A                  | Faget                          | 4810684         | 201/5            |
| 201T5.2    | 1      | Eleq RM60N-E4A Stroomtrafo 500/5 4-5-7,5VA                                 | RM60E4A5005A                  | Faget                          | 4810684         | 201/5            |
| 201U7      | 2      | POWER MONITOR (96x96)                                                      | SINEAX A230S                  | CAMILLE BAUER                  | 230S-121200     | 201/7;708/1      |
| 201U8      | 1      | Fase controlrelais, aanwezigheid fases, draairichting en onderspanning     | MWA                           | Crouzet                        | 84873024        | 201/8            |
| 201K10     | 1      | Spannings controlrelais, 3in 2 uit x 277V AC                               | H3USN                         | Crouzet                        | 84873221        | 201/10           |
| 201F10     | 1      | INSTALLATIE AUTOMAAT 10A kAR-C                                             | S203M-C10NA                   | ABB                            | 2CDS273103R0104 | 201/10           |
| 202F3      | 1      | INSTALLATIEAUTOMAAT 4p 32A Ckar. 15kA                                      | S203P-C32 NA                  | ABB                            | 4016779591157   | 202/3            |
| 202U5.1    | 1      | 4x vertind distributie rail                                                | 66-B4CE6S                     | CALPE Industrial Products B.V. | 66-B4CE6S       | 202/5            |
| 202F5      | 1      | INSTALLATIEAUTOMAAT 4p 32A Ckar. 15kA                                      | S203P-C32 NA                  | ABB                            | 4016779591157   | 202/5            |
| 202F5      | 1      | HULPKONTAKTBLOK 1w IN/UIT                                                  | S 2C-H6R                      | ABB                            | 2CDS200946R0001 | 202/5            |
| 202F7      | 1      | Installatie-automaat, 2P, 32A, C-karakteristiek, 15kA                      | S202P-C25                     | ABB                            | 2CSC400002D0208 | 202/8            |
| 202F7      | 1      | HULPKONTAKTBLOK 1w IN/UIT                                                  | S 2C-H6R                      | ABB                            | 2CDS200946R0001 | 202/8            |
| 202F9      | 1      | INSTALLATIEAUTOMAAT 1p+N 6A K-kar.15kA                                     | S201M-K6NA                    | ABB                            | 2CDS271103R0377 | 202/10           |
| 202U10     | 1      | Aansluitadapter 600A                                                       | SV 3439.010                   | Rittal                         | SV 3439.010     | 202/10           |
| 202U12     | 1      | Aansluitadapter 600A                                                       | SV 3439.010                   | Rittal                         | SV 3439.010     | 202/12           |
| 203U2      | 1      | Aansluitadapter 600A                                                       | SV 3439.010                   | Rittal                         | SV 3439.010     | 203/2            |
| 203T2      | 1      | Eleq RM60N-E4A Stroomtrafo 500/5 4-5-7,5VA                                 | RM60E4A5005A                  | Faget                          | 4810684         | 203/2            |
| 203T3      | 1      | Eleq RM60N-E4A Stroomtrafo 500/5 4-5-7,5VA                                 | RM60E4A5005A                  | Faget                          | 4810684         | 203/3            |
| 203T3.1    | 1      | Eleq RM60N-E4A Stroomtrafo 500/5 4-5-7,5VA                                 | RM60E4A5005A                  | Faget                          | 4810684         | 203/3            |
| 203U4      | 2      | POWER MONITOR (96x96)                                                      | SINEAX A210S                  | CAMILLE BAUER                  | 210-121200      | 203/4;708/2      |
| 203U8      | 1      | Aansluitadapter 125A                                                       | SV9342.220                    | Rittal                         | SV9342.220      | 203/8            |
| 203F8      | 1      | INSTALLATIEAUTOMAAT 4p 10A Ckar. 15kA                                      | S203P-C10 NA                  | ABB                            | 4016779591102   | 203/8            |
| 204F3      | 1      |                                                                            | DS201 B40 A30                 | ABB                            | 2CSR255140R1405 | 204/3            |
| 204F6      | 1      | DS201 B32 A30                                                              | DS201 B32 A30                 | ABB                            | 2CSR255140R1325 | 204/6            |
| 204F9      | 1      | Aardlekautomaat 16A B-Kar.15kA                                             | S201M-16NA (B)                | ABB                            | 2CSR255140R1165 | 204/9            |
| 204F13     | 1      | Aardlekautomaat 16A B-Kar.15kA                                             | S201M-16NA (B)                | ABB                            | 2CSR255140R1165 | 204/13           |
| 205F3      | 1      | Aardlekautomaat 4P C-kar 32A 30mA.15kA                                     | DS 204M A C32/0,03.           | ABB                            | 2CSR274101R1324 | 205/3            |



Kadiks Automatisering  
2841 MD Moordrecht  
Tel.: 0182-712079  
Fax.: 0182-616412

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AWTG Zuidrand  
Artikellijst

Dwight Bruno

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Artikellijst

| Code (ODC) | Aantal | Omschrijving                                              | Typenummer                 | Fabrikaat                           | Bestelnr. B&B         | Schema / positie |
|------------|--------|-----------------------------------------------------------|----------------------------|-------------------------------------|-----------------------|------------------|
| 205X3      | 1      | WCD CEE FORM 3p+N+Pe 32A 400V opb.                        | CEE TA 3P+N+A 32A 400V     | Mennekes                            | B317032               | 205/3            |
| 205F6      | 1      | Aardlekautomaat 4P C-kar 32A 30mA.15kA                    | DS 204M A C32/0,03.        | ABB                                 | 2CSR274101R1324       | 205/6            |
| 205X6      | 1      | WCD CEE FORM 3p+N+Pe 32A 400V opb.                        | CEE TA 3P+N+A 32A 400V     | Mennekes                            | B317032               | 205/6            |
| 206F2      | 1      | Aardlekautomaat 16A B-Kar.15kA                            | S201M-16NA (B)             | ABB                                 | 2CSR255140R1165       | 206/2            |
| 206X2      | 2      | WCD 230V. 2VOUD.WATERD.VERT.                              | 822N-WG800                 | JUNG                                | B183574               | 206/2            |
| 206X5      | 2      | WCD 230V. 2VOUD.WATERD.VERT.                              | 822N-WG800                 | JUNG                                | B183574               | 206/5            |
| 206X7      | 2      | WCD 230V. 2VOUD.WATERD.VERT.                              | 822N-WG800                 | JUNG                                | B183574               | 206/7            |
| 206F10     | 1      | Aardlekautomaat 16A B-Kar.15kA                            | S201M-16NA (B)             | ABB                                 | 2CSR255140R1165       | 206/10           |
| 206X10     | 2      | WCD 230V. 2VOUD.WATERD.VERT.                              | 822N-WG800                 | JUNG                                | B183574               | 206/10           |
| 206X12     | 2      | WCD 230V. 2VOUD.WATERD.VERT.                              | 822N-WG800                 | JUNG                                | B183574               | 206/12           |
| 209F2      | 1      | Aardlekautomaat 16A B-Kar.15kA                            | S201M-16NA (B)             | ABB                                 | 2CSR255140R1165       | 209/2            |
| 209F5      | 1      | Aardlekautomaat 16A B-Kar.15kA                            | S201M-16NA (B)             | ABB                                 | 2CSR255140R1165       | 209/5            |
| 209F11     | 1      | Aardlekautomaat 16A B-Kar.15kA                            | S201M-16NA (B)             | ABB                                 | 2CSR255140R1165       | 209/11           |
| 209F13     | 1      | Aardlekautomaat 16A B-Kar.15kA                            | S201M-16NA (B)             | ABB                                 | 2CSR255140R1165       | 209/13           |
| 210F3      | 1      | Installatie-automaat, 2P, 16A, C-karakteristiek, 15kA     | S201P-C16NA                | ABB                                 | 2CDS281103R0164       | 210/3            |
| 210H9      | 1      | ACCU LAMP LED                                             | EX-SLE16LED                | Witte+Sutor                         | 457181                | 210/10           |
| 211F3      | 1      | Aardlekautomaat 16A B-Kar.15kA                            | S201M-16NA (B)             | ABB                                 | 2CSR255140R1165       | 211/3            |
| 211S5      | 1      | SE ARGUS SCHEMERSCHAKELAAR IP54 LG                        | MTN544829                  | Schneider Electric                  | MTN544829             | 211/5            |
| 212F2      | 1      | Aardlekautomaat 16A B-Kar.15kA                            | S201M-16NA (B)             | ABB                                 | 2CSR255140R1165       | 212/2            |
| 212F4      | 1      | Aardlekautomaat 16A B-Kar.15kA                            | S201M-16NA (B)             | ABB                                 | 2CSR255140R1165       | 212/4            |
| 212F6      | 1      | Aardlekautomaat 16A B-Kar.15kA                            | S201M-16NA (B)             | ABB                                 | 2CSR255140R1165       | 212/6            |
| 212F8      | 1      | Aardlekautomaat 16A B-Kar.15kA                            | S201M-16NA (B)             | ABB                                 | 2CSR255140R1165       | 212/8            |
| 212F12     | 1      | Aardlekautomaat 4P C-kar 32A 30mA.15kA                    | DS 204M A C32/0,03.        | ABB                                 | 2CSR274101R1324       | 212/12           |
| 213G2      | 1      | Voeding                                                   | QUINT4-PS/1AC/24DC/5       | Phoenix Contact                     | 2904600               | 213/2            |
| 213F3      | 1      | Installatie-automaat, 2P, 16A, C-karakteristiek, 6kA      | S202-C16                   | ABB                                 | 2CDS 252 001 R0164    | 213/3            |
| 213F5      | 1      | Aardlekschakelaar, 1P+N, 16A, 30mA, B-karakteristiek, 6kA | DS201 B16/O,03             | ABB                                 | 2CSR255101R1165       | 213/5            |
| 213G7      | 1      | Voeding                                                   | QUINT-UPS/24DC/24DC/10     | Phoenix Contact                     | 2320225               | 213/7            |
| 213G13     | 1      | Energiebuffer                                             | UPS-BAT/VRLA-WTR/24DC/26AH | Phoenix Contact                     | 2320429               | 213/13           |
| 214G3      | 1      | UPS                                                       | Eaton 5PX 1500             | Eaton Electric B.V.                 | 4462121               | 214/3            |
| 214G3      | 1      | I/O Kaart tbv Smart-UPS                                   | AP9613                     | APC Nederland by Schneider Electric | AP9613                | 214/3            |
| 214F3      | 1      | Installatie-automaat, 2P, 10A, C-karakteristiek, 6kA      | S202-C10                   | ABB                                 | 2CDS 252 001 R0104    | 214/3            |
| 214U8      | 1      | Eaton Relais kaart, MS SDCC relais kaart assy             | INDRELAY-MS                | Eaton Electric B.V.                 | INDRELAY-MS           | 214/9            |
| 220U2      | 1      | FDU 2.0 132kW / 250A Driefase, 400 VAC                    | FDU2.0 FDU48-250 54CE      | EMOTRON                             | FDU2.0 FDU48-250 54CE | 220/2            |
| 220U3      | 1      | Aansluitadapter 250A                                      | SV9342.250                 | Rittal                              | SV9342.250            | 220/3            |
| 220F3      | 1      | Vermogensautomaat 3P-350A                                 | NZMN3-ME350                | Moeller Electric BV                 | 265782                | 220/3            |
| 220F3      | 1      | Eaton bedieningsknop voor vermogensschakelaar NZM3-XDV    | 4462629                    | Moeller Electric BV                 | 4015082601294         | 220/3            |



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2841 MD Moordrecht  
Tel.: 0182-712079  
Fax.: 0182-616412

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Hoogheemraadschap van

Rijnland

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Artikellijst

| Code (ODC) | Aantal | Omschrijving                                                           | Typenummer               | Fabrikaat                   | Bestelnr. B&B            | Schema / positie |
|------------|--------|------------------------------------------------------------------------|--------------------------|-----------------------------|--------------------------|------------------|
| 220K8      | 1      | HULPRELAIS 2w 24VDC+LED                                                | M2-L-D024                | MORS SMITT                  |                          | 220/7            |
| 220K8      | 1      | VOET tbv HULPRELAIS 2w                                                 | VM-2R                    | MORS SMITT                  |                          | 220/7            |
| 220S8      | 1      | Terugverende drukknop rood, IP67                                       | M22-D-R                  | Moeller Electric BV         | M22-D-R                  | 220/8            |
| 220S8      | 1      | BEVESTIGINGSADAPTER frontmontage                                       | M22-A                    | Eaton Electric B.V.         |                          | 220/8            |
| 220S8      | 1      | MAAKKONTAKT frontmontage                                               | M22-K10                  | Eaton Electric B.V.         |                          | 220/8            |
| 220S8      | 1      | EATO M22-I1 DRUKKNOPKAST LEEG 1-GATS GRS                               | EATO M22-I1              | Eaton Electric B.V.         | 216535                   | 220/8            |
| 220R10     | 2      | Potentiometer IP66 opbouw 10K                                          | M22-R10K                 | Moeller Electric BV         | M22-K10                  | 220/10;708/3     |
| 220U14     | 1      | Extern bedieningsdisplay                                               | PN: 01-3957-01           | EMOTRON                     | SN-AB0903060233          | 220/14           |
| 221F2      | 1      | INSTALLATIEAUTOMAAT 1p+N 6A Kkar.6kA                                   | S201-K6 NA               | ABB                         |                          | 221/2            |
| 221F2      | 1      | HULPKONTAKTBLOK 1w IN/UIT                                              | S 2C-H6R                 | ABB                         | 2CDS200946R0001          | 221/2            |
| 221S4      | 2      | Keuzeschakelaar 0-PLC-SA-NH                                            | CA10 NL14312 + F*NL13660 | Kraus & Naimer              | CA10 NL14312 + F*NL13660 | 221/4;708/4      |
| 221K4      | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230                | MORS SMITT                  |                          | 221/4            |
| 221K4      | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                    | MORS SMITT                  |                          | 221/4            |
| 221K5      | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230                | MORS SMITT                  |                          | 221/6            |
| 221K5      | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                    | MORS SMITT                  |                          | 221/6            |
| 221K7      | 1      | Multifunctioneel tijdrelais                                            | H3DE-M-2 24-230VAC/DC    | Omron Industrial Automation | H3DE-M-2 24              | 221/7            |
| 221K8      | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230                | MORS SMITT                  |                          | 221/8            |
| 221K8      | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                    | MORS SMITT                  |                          | 221/8            |
| 221K10     | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230                | MORS SMITT                  |                          | 221/10           |
| 221K10     | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                    | MORS SMITT                  |                          | 221/10           |
| 221K11     | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230                | MORS SMITT                  |                          | 221/11           |
| 221K11     | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                    | MORS SMITT                  |                          | 221/11           |
| 222K4      | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230                | MORS SMITT                  |                          | 222/4            |
| 222K4      | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                    | MORS SMITT                  |                          | 222/4            |
| 222K5      | 1      | Multifunctioneel tijdrelais                                            | H3DK-M2 24-230VAC/DC     | Omron Industrial Automation | H3DK-M2 24               | 222/5            |
| 222K8      | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230                | MORS SMITT                  |                          | 222/8            |
| 222K8      | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                    | MORS SMITT                  |                          | 222/8            |
| 225F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                                     | S201-Z2                  | ABB                         |                          | 225/2            |
| 225K2      | 1      | HULPRELAIS 2w 24VDC+LED                                                | M2-L-D024                | MORS SMITT                  |                          | 225/2            |
| 225K2      | 1      | VOET tbv HULPRELAIS 2w                                                 | VM-2R                    | MORS SMITT                  |                          | 225/2            |
| 226U3      | 1      | MCR-3-weg-scheidingsversterker, galvanische scheiding analoge signalen | MINI MCR-SL-I-I          | Phoenix Contact             | 2864383                  | 226/3            |
| 226U3.1    | 1      | MCR-3-weg-scheidingsversterker, galvanische scheiding analoge signalen | MINI MCR-SL-I-I          | Phoenix Contact             | 2864383                  | 226/3            |
| 226U6      | 1      | MCR-3-weg-scheidingsversterker, galvanische scheiding analoge signalen | MINI MCR-SL-I-I          | Phoenix Contact             | 2864383                  | 226/6            |
| 230U2      | 1      | FDU 2.0 132kW / 250A Driefase, 400 VAC                                 | FDU2.0 FDU48-250 54CE    | EMOTRON                     | FDU2.0 FDU48-250 54CE    | 230/2            |
| 230U2.1    | 1      | Aansluitadapter 250A                                                   | SV9342.250               | Rittal                      | SV9342.250               | 230/2            |
| 230F3      | 1      | Vermogensautomaat 3P-350A                                              | NZMN3-ME350              | Moeller Electric BV         | 265782                   | 230/3            |



Kadiks Automatisering  
2841 MD Moordrecht  
Tel.: 0182-712079  
Fax.: 0182-616412

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AWTG Zuidrand  
Artikellijst

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Artikellijst

| Code (ODC) | Aantal | Omschrijving                                                           | Typenummer               | Fabrikaat                   | Bestelnr. B&B            | Schema / positie |
|------------|--------|------------------------------------------------------------------------|--------------------------|-----------------------------|--------------------------|------------------|
| 230F3      | 1      | Eaton bedieningsknop voor vermogensschakelaar NZM3-XDV                 | 4462629                  | Moeller Electric BV         | 4015082601294            | 230/3            |
| 230K8      | 1      | HULPRELAIS 2w 24VDC+LED                                                | M2-L-D024                | MORS SMITT                  |                          | 230/7            |
| 230K8      | 1      | VOET tbv HULPRELAIS 2w                                                 | VM-2R                    | MORS SMITT                  |                          | 230/7            |
| 230S8      | 1      | Terugverende drukknop rood, IP67                                       | M22-D-R                  | Moeller Electric BV         | M22-D-R                  | 230/7            |
| 230S8      | 1      | BEVESTIGINGSADAPTER frontmontage                                       | M22-A                    | Eaton Electric B.V.         |                          | 230/7            |
| 230S8      | 1      | MAAKKONTAKT frontmontage                                               | M22-K10                  | Eaton Electric B.V.         |                          | 230/7            |
| 230S8      | 1      | EATO M22-I1 DRUKKNOPKAST LEEG 1-GATS GRS                               | EATO M22-I1              | Eaton Electric B.V.         | 216535                   | 230/7            |
| 230R10     | 2      | Potentiometer IP66 opbouw 10K                                          | M22-R10K                 | Moeller Electric BV         | M22-K10                  | 230/10;708/3     |
| 230U14     | 1      | Extern bedieningsdisplay                                               | PN: 01-3957-01           | EMOTRON                     | SN-AB0903060233          | 230/14           |
| 231F2      | 1      | INSTALLATIEAUTOMAAT 1p+N 6A Kkar.6kA                                   | S201-K6 NA               | ABB                         |                          | 231/2            |
| 231F2      | 1      | HULPKONTAKTBLOK 1w IN/UIT                                              | S 2C-H6R                 | ABB                         | 2CDS200946R0001          | 231/2            |
| 231K4      | 1      | Multifunctioneel tijdrelais                                            | H3DE-M-2 24-230VAC/DC    | Omron Industrial Automation | H3DE-M-2 24              | 231/4            |
| 231S4      | 2      | Keuzeschakelaar 0-PLC-SA-NH                                            | CA10 NL14312 + F*NL13660 | Kraus & Naimer              | CA10 NL14312 + F*NL13660 | 231/4;708/4      |
| 231K6      | 1      | Multifunctioneel tijdrelais                                            | H3DE-M-2 24-230VAC/DC    | Omron Industrial Automation | H3DE-M-2 24              | 231/6            |
| 231K7      | 1      | Multifunctioneel tijdrelais                                            | H3DE-M-2 24-230VAC/DC    | Omron Industrial Automation | H3DE-M-2 24              | 231/7            |
| 231K8      | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230                | MORS SMITT                  |                          | 231/8            |
| 231K8      | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                    | MORS SMITT                  |                          | 231/8            |
| 231K10     | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230                | MORS SMITT                  |                          | 231/10           |
| 231K10     | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                    | MORS SMITT                  |                          | 231/10           |
| 231K11     | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230                | MORS SMITT                  |                          | 231/11           |
| 231K11     | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                    | MORS SMITT                  |                          | 231/11           |
| 232K4      | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230                | MORS SMITT                  |                          | 232/4            |
| 232K4      | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                    | MORS SMITT                  |                          | 232/4            |
| 232K5      | 1      | Multifunctioneel tijdrelais                                            | H3DK-M2 24-230VAC/DC     | Omron Industrial Automation | H3DK-M2 24               | 232/5            |
| 232K8      | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230                | MORS SMITT                  |                          | 232/8            |
| 232K8      | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                    | MORS SMITT                  |                          | 232/8            |
| 235F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                                     | S201-Z2                  | ABB                         |                          | 235/2            |
| 235K2      | 1      | HULPRELAIS 2w 24VDC+LED                                                | M2-L-D024                | MORS SMITT                  |                          | 235/2            |
| 235K2      | 1      | VOET tbv HULPRELAIS 2w                                                 | VM-2R                    | MORS SMITT                  |                          | 235/2            |
| 236U3      | 1      | MCR-3-weg-scheidingsversterker, galvanische scheiding analoge signalen | MINI MCR-SL-I-I          | Phoenix Contact             | 2864383                  | 236/3            |
| 236U3.1    | 1      | MCR-3-weg-scheidingsversterker, galvanische scheiding analoge signalen | MINI MCR-SL-I-I          | Phoenix Contact             | 2864383                  | 236/3            |
| 236U6      | 1      | MCR-3-weg-scheidingsversterker, galvanische scheiding analoge signalen | MINI MCR-SL-I-I          | Phoenix Contact             | 2864383                  | 236/6            |
| 240U2      | 1      | FDU 2.0 132kW / 250A Driefase, 400 VAC                                 | FDU2.0 FDU48-250 54CE    | EMOTRON                     | FDU2.0 FDU48-250 54CE    | 240/2            |
| 240U2.1    | 1      | Aansluitadapter 250A                                                   | SV9342.250               | Rittal                      | SV9342.250               | 240/2            |
| 240F3      | 1      | Vermogensautomaat 3P-350A                                              | NZMN3-ME350              | Moeller Electric BV         | 265782                   | 240/3            |
| 240F3      | 1      | Eaton bedieningsknop voor vermogensschakelaar NZM3-XDV                 | 4462629                  | Moeller Electric BV         | 4015082601294            | 240/3            |



Kadiks Automatisering  
2841 MD Moordrecht  
Tel.: 0182-712079  
Fax.: 0182-616412

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Hoogheemraadschap van  
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AWTG Zuidrand  
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903

Artikellijst

| Code (ODC) | Aantal | Omschrijving                                                           | Typenummer                              | Fabrikaat                   | Bestelnr. B&B                           | Schema / positie |
|------------|--------|------------------------------------------------------------------------|-----------------------------------------|-----------------------------|-----------------------------------------|------------------|
| 240K8      | 1      | HULPRELAIS 2w 24VDC+LED                                                | M2-L-D024                               | MORS SMITT                  |                                         | 240/7            |
| 240K8      | 1      | VOET tbv HULPRELAIS 2w                                                 | VM-2R                                   | MORS SMITT                  |                                         | 240/7            |
| 240S8      | 1      | Terugverende drukknop rood, IP67                                       | M22-D-R                                 | Moeller Electric BV         | M22-D-R                                 | 240/8            |
| 240S8      | 1      | BEVESTIGINGSADAPTER frontmontage                                       | M22-A                                   | Eaton Electric B.V.         |                                         | 240/8            |
| 240S8      | 1      | MAAKKONTAKT frontmontage                                               | M22-K10                                 | Eaton Electric B.V.         |                                         | 240/8            |
| 240S8      | 1      | EATO M22-I1 DRUKKNOPKAST LEEG 1-GATS GRS                               | EATO M22-I1                             | Eaton Electric B.V.         | 216535                                  | 240/8            |
| 240R10     | 2      | Potentiometer IP66 opbouw 10K                                          | M22-R10K                                | Moeller Electric BV         | M22-K10                                 | 240/10;708/3     |
| 240U14     | 1      | Extern bedieningsdisplay                                               | PN: 01-3957-01                          | EMOTRON                     | SN-AB0903060233                         | 240/14           |
| 241F2      | 1      | INSTALLATIEAUTOMAAT 1p+N 6A Kkar.6kA                                   | S201-K6 NA                              | ABB                         |                                         | 241/2            |
| 241F2      | 1      | HULPKONTAKTBLOK 1w IN/UIT                                              | S 2C-H6R                                | ABB                         | 2CDS200946R0001                         | 241/2            |
| 241K4      | 1      | Multifunctioneel tijdrelais                                            | H3DE-M-2 24-230VAC/DC                   | Omron Industrial Automation | H3DE-M-2 24                             | 241/4            |
| 241S4      | 2      | Keuzeschakelaar 0-PLC-SA-NH                                            | CA10 NL14312 + F*NL13660                | Kraus & Naimer              | CA10 NL14312 + F*NL13660                | 241/4;708/4      |
| 241K6      | 1      | Multifunctioneel tijdrelais                                            | H3DE-M-2 24-230VAC/DC                   | Omron Industrial Automation | H3DE-M-2 24                             | 241/6            |
| 241K7      | 1      | Multifunctioneel tijdrelais                                            | H3DE-M-2 24-230VAC/DC                   | Omron Industrial Automation | H3DE-M-2 24                             | 241/7            |
| 241K8      | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230                               | MORS SMITT                  |                                         | 241/8            |
| 241K8      | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                                   | MORS SMITT                  |                                         | 241/8            |
| 241K10     | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230                               | MORS SMITT                  |                                         | 241/10           |
| 241K10     | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                                   | MORS SMITT                  |                                         | 241/10           |
| 241K11     | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230                               | MORS SMITT                  |                                         | 241/11           |
| 241K11     | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                                   | MORS SMITT                  |                                         | 241/11           |
| 242K4      | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230                               | MORS SMITT                  |                                         | 242/4            |
| 242K4      | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                                   | MORS SMITT                  |                                         | 242/4            |
| 242K5      | 1      | Multifunctioneel tijdrelais                                            | H3DK-M2 24-230VAC/DC                    | Omron Industrial Automation | H3DK-M2 24                              | 242/5            |
| 242K8      | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230                               | MORS SMITT                  |                                         | 242/8            |
| 242K8      | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                                   | MORS SMITT                  |                                         | 242/8            |
| 245F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                                     | S201-Z2                                 | ABB                         |                                         | 245/2            |
| 245K2      | 1      | HULPRELAIS 2w 24VDC+LED                                                | M2-L-D024                               | MORS SMITT                  |                                         | 245/2            |
| 245K2      | 1      | VOET tbv HULPRELAIS 2w                                                 | VM-2R                                   | MORS SMITT                  |                                         | 245/2            |
| 246U3      | 1      | MCR-3-weg-scheidingsversterker, galvanische scheiding analoge signalen | MINI MCR-SL-I-I                         | Phoenix Contact             | 2864383                                 | 246/3            |
| 246U3.1    | 1      | MCR-3-weg-scheidingsversterker, galvanische scheiding analoge signalen | MINI MCR-SL-I-I                         | Phoenix Contact             | 2864383                                 | 246/3            |
| 246U6      | 1      | MCR-3-weg-scheidingsversterker, galvanische scheiding analoge signalen | MINI MCR-SL-I-I                         | Phoenix Contact             | 2864383                                 | 246/6            |
| 250F2      | 1      |                                                                        | PKZM0-2,5                               | Moeller Electric BV         | 072736                                  | 250/2            |
| 250F2      | 1      | HULPKONTAKT PKZO 2m1v                                                  | NHI 21-PKZ0                             | Moeller Electric BV         | B207985                                 | 250/2            |
| 250X2      | 1      | GESCHAK KWCD CEE FORM 3p+Pe 32A 400V +2m                               | 512C7000-512P0D21-6134013972-6138013972 | MARECHAL ELECTRIC           | 512C7000-512P0D21-6134013972-6138013972 | 250/2            |
| 251F2      | 1      | INSTALLATIEAUTOMAAT 1p+N 6A Kkar.6kA                                   | S201-K6 NA                              | ABB                         |                                         | 251/2            |
| 251F2      | 1      | HULPKONTAKTBLOK 1w IN/UIT                                              | S 2C-H6R                                | ABB                         | 2CDS200946R0001                         | 251/2            |



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904

Artikellijst

| Code (ODC) | Aantal | Omschrijving                             | Typenummer                              | Fabrikaat                   | Bestelnr. B&B                           | Schema / positie |
|------------|--------|------------------------------------------|-----------------------------------------|-----------------------------|-----------------------------------------|------------------|
| 251S3      | 2      | Standen schakelaar 0 1                   | CA20 A291 EF                            | Kraus & Naimer              | CA20 A291 EF                            | 251/3;708/4      |
| 251Q3      | 1      | Magneetschakelaar 3kW + 1NO, 230/V50HZ   | DILM7-10(230V50HZ)                      | Moeller Electric BV         | DILM7-10(230V50HZ)                      | 251/3            |
| 251Q5      | 1      | HULPRELAIS 4w 230VAC+LED                 | M4-L-A230                               | MORS SMITT                  |                                         | 251/5            |
| 251Q5      | 1      | VOET tbv HULPRELAIS 4w                   | VM-4R                                   | MORS SMITT                  |                                         | 251/5            |
| 251U6      | 1      | CAP.SCHAKELVERSTERKER                    | VEGATOR 256C 200-250VAC                 | Vega                        |                                         | 251/6            |
| 251S7      | 1      | Terugverende drukknop rood, IP67         | M22-D-R                                 | Moeller Electric BV         | M22-D-R                                 | 251/7            |
| 251S7      | 1      | BEVESTIGINGSADAPTER frontmontage         | M22-A                                   | Eaton Electric B.V.         |                                         | 251/7            |
| 251S7      | 1      | MAAKKONTAKT frontmontage                 | M22-K10                                 | Eaton Electric B.V.         |                                         | 251/7            |
| 251S7      | 1      | EATO M22-I1 DRUKKNOPKAST LEEG 1-GATS GRS | EATO M22-I1                             | Eaton Electric B.V.         | 216535                                  | 251/7            |
| 252F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA       | S201-Z2                                 | ABB                         |                                         | 252/2            |
| 260X2      | 1      | GESCHAK KWCD CEE FORM 3p+Pe 32A 400V +2m | 512C7000-512P0D21-6134013972-6138013972 | MARECHAL ELECTRIC           | 512C7000-512P0D21-6134013972-6138013972 |                  |
| 260F2      | 1      | MOTORBEVEIL.SCHAK. 1,6-2,5A              | PKZM0-2,5                               | Moeller Electric BV         | B209047                                 | 260/2            |
| 260F2      | 1      | HULPKONTAKT PKZO 2m1v                    | NHI 21-PKZ0                             | Moeller Electric BV         | B207985                                 | 260/2            |
| 260X7      | 1      | GESCHAK KWCD CEE FORM 3p+Pe 32A 400V +2m | 512C7000-512P0D21-6134013972-6138013972 | MARECHAL ELECTRIC           | 512C7000-512P0D21-6134013972-6138013972 |                  |
| 260F7      | 1      | MOTORBEVEIL.SCHAK. 1,6-2,5A              | PKZM0-2,5                               | Moeller Electric BV         | B209047                                 | 260/7            |
| 260F7      | 1      | HULPKONTAKT PKZO 2m1v                    | NHI 21-PKZ0                             | Moeller Electric BV         | B207985                                 | 260/7            |
| 261F2      | 1      | Automaat Z kar.                          | S201-Z6NA                               | ABB                         | 2CDS251103R0378                         | 261/2            |
| 261F2      | 1      | HULPKONTAKTBLOK 1w IN/UIT                | S 2C-H6R                                | ABB                         | 2CDS200946R0001                         | 261/2            |
| 261S3      | 2      | Standen schakelaar 0 1                   | CA20 A291 EF                            | Kraus & Naimer              | CA20 A291 EF                            | 261/3;708/4      |
| 261Q3      | 1      | Magneetschakelaar 3kW + 1NO, 230/V50HZ   | DILM7-10(230V50HZ)                      | Moeller Electric BV         | DILM7-10(230V50HZ)                      | 261/3            |
| 261Q5      | 1      | HULPRELAIS 4w 230VAC+LED                 | M4-L-A230                               | MORS SMITT                  |                                         | 261/5            |
| 261Q5      | 1      | VOET tbv HULPRELAIS 4w                   | VM-4R                                   | MORS SMITT                  |                                         | 261/5            |
| 261U6      | 1      | CAP.SCHAKELVERSTERKER                    | VEGATOR 256C 200-250VAC                 | Vega                        |                                         | 261/6            |
| 261S7      | 1      | Terugverende drukknop rood, IP67         | M22-D-R                                 | Moeller Electric BV         | M22-D-R                                 | 261/7            |
| 261S7      | 1      | BEVESTIGINGSADAPTER frontmontage         | M22-A                                   | Eaton Electric B.V.         |                                         | 261/7            |
| 261S7      | 1      | MAAKKONTAKT frontmontage                 | M22-K10                                 | Eaton Electric B.V.         |                                         | 261/7            |
| 261S7      | 1      | EATO M22-I1 DRUKKNOPKAST LEEG 1-GATS GRS | EATO M22-I1                             | Eaton Electric B.V.         | 216535                                  | 261/7            |
| 261F9      | 1      | Automaat Z kar.                          | S201-Z6NA                               | ABB                         | 2CDS251103R0378                         | 261/9            |
| 261F9      | 1      | HULPKONTAKTBLOK 1w IN/UIT                | S 2C-H6R                                | ABB                         | 2CDS200946R0001                         | 261/9            |
| 261K10     | 1      | Multifunctioneel tijdrelais              | H3DE-M2 24-230VAC/DC                    | Omron Industrial Automation | H3DE-M2 24                              | 261/10           |
| 261S10     | 1      | MINI VLOTTER-SCHAKELAAR Hoog/Laag 1v     | M1L                                     | KARI-FINN OY                |                                         | 261/11           |
| 261Q11     | 1      | Magneetschakelaar 15kW + 1NO, 230/V50HZ  | DILM32-10(230V50HZ)                     | Moeller Electric BV         | DILM32-10(230V50HZ)                     | 261/11           |
| 261Q12     | 1      | Magneetschakelaar 15kW + 1NO, 230/V50HZ  | DILM32-10(230V50HZ)                     | Moeller Electric BV         | DILM32-10(230V50HZ)                     | 261/12           |
| 261K14     | 1      | HULPRELAIS 2w 24VDC+LED                  | M2-L-D024                               | MORS SMITT                  |                                         | 261/14           |
| 261K14     | 1      | VOET tbv HULPRELAIS 2w                   | VM-2R                                   | MORS SMITT                  |                                         | 261/14           |
| 261K15     | 1      | HULPRELAIS 2w 24VDC+LED                  | M2-L-D024                               | MORS SMITT                  |                                         | 261/15           |



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Artikellijst

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|------------|--------|------------------------------------------------------|-------------------------|-----------------------------|--------------------|------------------|
| 261K15     | 1      | VOET tbv HULPRELAIS 2w                               | VM-2R                   | MORS SMITT                  |                    | 261/15           |
| 262F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                   | S201-Z2                 | ABB                         |                    | 262/2            |
| 263F2      | 1      | Automaat Z kar.                                      | S201-Z6NA               | ABB                         | 2CDS251103R0378    | 263/2            |
| 263F2      | 1      | HULPKONTAKTBLOK 1w IN/UIT                            | S 2C-H6R                | ABB                         | 2CDS200946R0001    | 263/2            |
| 263S3      | 2      | Standen schakelaar 0 1                               | CA20 A291 EF            | Kraus & Naimer              | CA20 A291 EF       | 263/3;708/4      |
| 263Q3      | 1      | Magneetschakelaar 3kW + 1NO, 230/V50HZ               | DILM7-10(230V50HZ)      | Moeller Electric BV         | DILM7-10(230V50HZ) | 263/3            |
| 263Q5      | 1      | HULPRELAIS 4w 230VAC+LED                             | M4-L-A230               | MORS SMITT                  |                    | 263/5            |
| 263Q5      | 1      | VOET tbv HULPRELAIS 4w                               | VM-4R                   | MORS SMITT                  |                    | 263/5            |
| 263U6      | 1      | CAP.SCHAKELVERSTERKER                                | VEGATOR 256C 200-250VAC | Vega                        |                    | 263/6            |
| 263S7      | 1      | Terugverende drukknop rood, IP67                     | M22-D-R                 | Moeller Electric BV         | M22-D-R            | 263/7            |
| 263S7      | 1      | BEVESTIGINGSADAPTER frontmontage                     | M22-A                   | Eaton Electric B.V.         |                    | 263/7            |
| 263S7      | 1      | MAAKKONTAKT frontmontage                             | M22-K10                 | Eaton Electric B.V.         |                    | 263/7            |
| 263S7      | 1      | EATO M22-I1 DRUKKNOPKAST LEEG 1-GATS GRS             | EATO M22-I1             | Eaton Electric B.V.         | 216535             | 263/7            |
| 263F9      | 1      | Automaat Z kar.                                      | S201-Z6NA               | ABB                         | 2CDS251103R0378    | 263/9            |
| 263F9      | 1      | HULPKONTAKTBLOK 1w IN/UIT                            | S 2C-H6R                | ABB                         | 2CDS200946R0001    | 263/9            |
| 263K10     | 1      | Multifunctioneel tijdrelais                          | H3DE-M2 24-230VAC/DC    | Omron Industrial Automation | H3DE-M2 24         | 263/10           |
| 263S10     | 1      | MINI VLOTTER-SCHAKELAAR Hoog/Laag 1v                 | M1L                     | KARI-FINN OY                |                    | 263/11           |
| 263Q11     | 1      | Magneetschakelaar 15kW + 1NO, 24VDC                  | DILM32-10(24VDC)        | Moeller Electric BV         | 277274             | 263/11           |
| 263Q12     | 1      | Magneetschakelaar 15kW + 1NO, 24VDC                  | DILM32-10(24VDC)        | Moeller Electric BV         | 277274             | 263/12           |
| 263K14     | 1      | HULPRELAIS 2w 24VDC+LED                              | M2-L-D024               | MORS SMITT                  |                    | 263/14           |
| 263K14     | 1      | VOET tbv HULPRELAIS 2w                               | VM-2R                   | MORS SMITT                  |                    | 263/14           |
| 264F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                   | S201-Z2                 | ABB                         |                    | 264/2            |
| 265F2      | 1      | INSTALLATIEAUTOMAAT 3p+N 10A Ckar.6kA                | S203-C10 NA             | ABB                         |                    | 265/2            |
| 265F2      | 1      | HULPKONTAKTBLOK 1w IN/UIT                            | S 2C-H6R                | ABB                         | 2CDS200946R0001    | 265/2            |
| 266F2      | 1      | INSTALLATIEAUTOMAAT 1p+N 6A Kkar.6kA                 | S201-K6 NA              | ABB                         |                    | 266/2            |
| 266F2      | 1      | HULPKONTAKTBLOK 1w IN/UIT                            | S 2C-H6R                | ABB                         | 2CDS200946R0001    | 266/2            |
| 266K3      | 1      | HULPRELAIS 4w 230VAC+LED                             | M4-L-A230               | MORS SMITT                  |                    | 266/3            |
| 266K3      | 1      | VOET tbv HULPRELAIS 4w                               | VM-4R                   | MORS SMITT                  |                    | 266/3            |
| 266K4      | 1      | HULPRELAIS 4w 230VAC+LED                             | M4-L-A230               | MORS SMITT                  |                    | 266/4            |
| 266K4      | 1      | VOET tbv HULPRELAIS 4w                               | VM-4R                   | MORS SMITT                  |                    | 266/4            |
| 267F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                   | S201-Z2                 | ABB                         |                    | 267/2            |
| 267K2      | 1      | HULPRELAIS 2w 24VDC+LED                              | M2-L-D024               | MORS SMITT                  |                    | 267/2            |
| 267K2      | 1      | VOET tbv HULPRELAIS 2w                               | VM-2R                   | MORS SMITT                  |                    | 267/2            |
| 270U1      | 1      | 0,75kW 2,5A Driefase, 400 VAC                        | FDU48- 2P5-2Y           | EMOTRON                     | FDU48- 2P5-2Y      | 270/2            |
| 270F2      | 1      | Installatie-automaat, 3P, 6A, B-karakteristiek, 15kA | S203M-B6                | ABB                         | 2CDS273001R0065    | 270/2            |
| 270F2      | 1      | HULPKONTAKTBLOK 1w IN/UIT                            | S 2C-H6R                | ABB                         | 2CDS200946R0001    | 270/2            |



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Artikellijst

| Code (ODC) | Aantal | Omschrijving                                          | Typenummer           | Fabrikaat       | Bestelnr. B&B        | Schema / positie |
|------------|--------|-------------------------------------------------------|----------------------|-----------------|----------------------|------------------|
| 270F2      | 1      | Schakelvergrendeling voor S200, S280, MS116 en E220   | SZ-SA1 VERGRENDLING  | ABB             | 4012233587605        | 270/2            |
| 270S2      | 2      | UIT/AAN vergrendelbaar                                | CA10 A324 EF         | Kraus & Naimer  | CA10 A324 E/FNL7291  | 270/2;708/6      |
| 271F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                    | S201-Z2              | ABB             |                      | 271/2            |
| 271K2      | 1      | HULPRELAIS 2w 24VDC+LED                               | M2-L-D024            | MORS SMITT      |                      | 271/2            |
| 271K2      | 1      | VOET tbv HULPRELAIS 2w                                | VM-2R                | MORS SMITT      |                      | 271/2            |
| 271K4      | 1      | HULPRELAIS 4w 230VAC+LED                              | M4-L-A230            | MORS SMITT      |                      | 271/4            |
| 271K4      | 1      | VOET tbv HULPRELAIS 4w                                | VM-4R                | MORS SMITT      |                      | 271/4            |
| 272U1      | 1      | 0,75kW 2,5A Driefase, 400 VAC                         | FDU48- 2P5-2Y        | EMOTRON         | FDU48- 2P5-2Y        | 272/1            |
| 272F2      | 1      | Installatie-automaat, 3P, 6A, B-karakteristiek, 15kA  | S203M-B6             | ABB             | 2CDS273001R0065      | 272/2            |
| 272F2      | 1      | HULPKONTAKTBLOK 1w IN/UIT                             | S 2C-H6R             | ABB             | 2CDS200946R0001      | 272/2            |
| 272F2      | 1      | Schakelvergrendeling voor S200, S280, MS116 en E220   | SZ-SA1 VERGRENDLING  | ABB             | 4012233587605        | 272/2            |
| 272S2      | 2      | UIT/AAN vergrendelbaar                                | CA10 A324 EF         | Kraus & Naimer  | CA10 A324 E/FNL7291  | 272/2;708/6      |
| 273F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                    | S201-Z2              | ABB             |                      | 273/2            |
| 273K2      | 1      | HULPRELAIS 2w 24VDC+LED                               | M2-L-D024            | MORS SMITT      |                      | 273/2            |
| 273K2      | 1      | VOET tbv HULPRELAIS 2w                                | VM-2R                | MORS SMITT      |                      | 273/2            |
| 273K4      | 1      | HULPRELAIS 4w 230VAC+LED                              | M4-L-A230            | MORS SMITT      |                      | 273/4            |
| 273K4      | 1      | VOET tbv HULPRELAIS 4w                                | VM-4R                | MORS SMITT      |                      | 273/4            |
| 274U2      | 1      | 0,37kW/4,3A 1 fase, 230VAC                            | ODE-2-12037-1KB12-01 | Invertek Drives | ODE-2-12037-1KB12-01 | 274/2            |
| 274R2      | 1      | Filter                                                | FFR-700-DT-10A-SS1   | Mitsubishi      | 209755               | 274/2            |
| 274F2      | 1      | Installatie-automaat, 1P+N, 6A-C-karakteristiek, 15kA | S201M-C6NA           | ABB             | 2CDS272001R0064      | 274/2            |
| 274F2      | 1      | Hulpcontact installatieautomaat 200 series            | S 2C-H6R             | ABB             | 2CDS200912R0001      | 274/2            |
| 274F2      | 1      | Schakelvergrendeling voor S200, S280, MS116 en E220   | SZ-SA1 VERGRENDLING  | ABB             | 4012233587605        | 274/2            |
| 274S2      | 2      | UIT/AAN vergrendelbaar                                | CA10 A324 EF         | Kraus & Naimer  | CA10 A324 E/FNL7291  | 274/2;708/6      |
| 274K8      | 1      | HULPRELAIS 2w 24VDC+LED                               | M2-L-D024            | MORS SMITT      |                      | 274/8            |
| 274K8      | 1      | VOET tbv HULPRELAIS 2w                                | VM-2R                | MORS SMITT      |                      | 274/8            |
| 274T9      | 1      | Temperatuurmeetwaardeomvormers                        | MACX MCR-T-UI-UP     | Phoenix Contact | MACX MCR-T-UI-UP     | 274/9            |
| 275F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                    | S201-Z2              | ABB             |                      | 275/2            |
| 275K4      | 1      | HULPRELAIS 4w 230VAC+LED                              | M4-L-A230            | MORS SMITT      |                      | 275/4            |
| 275K4      | 1      | VOET tbv HULPRELAIS 4w                                | VM-4R                | MORS SMITT      |                      | 275/4            |
| 276U1      | 1      | 3kW 8,6A Driefase, 400 VAC                            | FDU48- 7P2-2Y        | EMOTRON         | FDU48- 7P2-2Y        | 276/2            |
| 276F2      | 1      | Installatie-automaat, 3P, 16A, B-karakteristiek, 6kA  | S203M-B16            | ABB             | 2CDS273001R0165      | 276/2            |
| 276F2      | 1      | HULPKONTAKTBLOK 1w IN/UIT                             | S 2C-H6R             | ABB             | 2CDS200946R0001      | 276/2            |
| 276F2      | 1      | Schakelvergrendeling voor S200, S280, MS116 en E220   | SZ-SA1 VERGRENDLING  | ABB             | 4012233587605        | 276/2            |
| 276S2      | 2      | UIT/AAN vergrendelbaar                                | CA10 A324 EF         | Kraus & Naimer  | CA10 A324 E/FNL7291  | 276/2;708/6      |
| 277F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                    | S201-Z2              | ABB             |                      | 277/2            |
| 277K2      | 1      | HULPRELAIS 2w 24VDC+LED                               | M2-L-D024            | MORS SMITT      |                      | 277/2            |



Kadiks Automatisering  
2841 MD Moordrecht  
Tel.: 0182-712079  
Fax.: 0182-616412

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AWTG Zuidrand  
Artikellijst

Dwight BrunoAS BUILT 11-04-2018

A3

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Artikellijst

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|------------|--------|------------------------------------------------------------------------|------------------------------|---------------------|---------------------|------------------|
| 277K2      | 1      | VOET tbv HULPRELAIS 2w                                                 | VM-2R                        | MORS SMITT          |                     | 277/2            |
| 278U1      | 1      | 5,5kW 14,4A Driefase, 400 VAC                                          | FDU48- 012-2Y                | EMOTRON             | FDU48- 012-2Y       | 278/1            |
| 278F2      | 1      | Installatie-automaat, 3P, 6A, B-karakteristiek, 15kA                   | S203M-B6                     | ABB                 | 2CDS273001R0065     | 278/2            |
| 278F2      | 1      | HULPKONTAKTBLOK 1w IN/UIT                                              | S 2C-H6R                     | ABB                 | 2CDS200946R0001     | 278/2            |
| 278F2      | 1      | Schakelvergrendeling voor S200, S280, MS116 en E220                    | SZ-SA1 VERGRENDLING          | ABB                 | 4012233587605       | 278/2            |
| 278S2      | 2      | UIT/AAN vergrendelbaar                                                 | CA10 A324 EF                 | Kraus & Naimer      | CA10 A324 E/FNL7291 | 278/2;708/6      |
| 279F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                                     | S201-Z2                      | ABB                 |                     | 279/2            |
| 279K2      | 1      | HULPRELAIS 2w 24VDC+LED                                                | M2-L-D024                    | MORS SMITT          |                     | 279/2            |
| 279K2      | 1      | VOET tbv HULPRELAIS 2w                                                 | VM-2R                        | MORS SMITT          |                     | 279/2            |
| 279U3      | 1      | MCR-3-weg-scheidingsversterker, galvanische scheiding analoge signalen | MINI MCR-SL-I-I              | Phoenix Contact     | 2864383             | 279/6            |
| 280F3      | 1      | Installatie-automaat, 2P, 16A, B-karakteristiek, 6kA                   | S202-B16                     | ABB                 | 2CDS 252 001 R0165  | 280/3            |
| 280F5      | 1      | Installatie-automaat, 2P, 16A, B-karakteristiek, 6kA                   | S202-B16                     | ABB                 | 2CDS 252 001 R0165  | 280/5            |
| 280F7      | 1      | Installatie-automaat, 2P, 16A, B-karakteristiek, 6kA                   | S202-B16                     | ABB                 | 2CDS 252 001 R0165  | 280/7            |
| 280F9      | 1      | Installatie-automaat, 2P, 16A, B-karakteristiek, 6kA                   | S202-B16                     | ABB                 | 2CDS 252 001 R0165  | 280/9            |
| 280F14     | 1      | Installatie-automaat, 2P, 10A, B-karakteristiek, 6kA                   | S202-B10                     | ABB                 | 2CDS 252 001 R0105  | 280/14           |
| 280Q14     | 1      | Magneetschakelaar, 3p+1M, 15kW/400V/AC3                                | DILM32-10(230V50HZ,240V60HZ) | Eaton Industries    | 277260              | 280/14           |
| 280S14     | 1      | Thermostaat met 1 wisselcontact 5-60 graden °C                         | RTR-E 6705                   | EBERLE Nederland    | 111 1709 51100      | 280/14           |
| 281F3      | 1      | Installatie-automaat, 2P, 16A, B-karakteristiek, 6kA                   | S202-B16                     | ABB                 | 2CDS 252 001 R0165  | 281/3            |
| 281F5      | 1      | Installatie-automaat, 2P, 16A, B-karakteristiek, 6kA                   | S202-B16                     | ABB                 | 2CDS 252 001 R0165  | 281/5            |
| 281F7      | 1      | Installatie-automaat, 2P, 16A, B-karakteristiek, 6kA                   | S202-B16                     | ABB                 | 2CDS 252 001 R0165  | 281/7            |
| 281F11     | 1      | Installatie-automaat, 2P, 10A, B-karakteristiek, 6kA                   | S202-B10                     | ABB                 | 2CDS 252 001 R0105  | 281/11           |
| 281S11     | 1      | Thermostaat met 1 wisselcontact 5-60 graden °C                         | RTR-E 6705                   | EBERLE Nederland    | 111 1709 51100      | 281/11           |
| 281Q11     | 1      | Magneetschakelaar 7.5kW + 1NO, 230/V50HZ                               | DILM17-10(230V50HZ)          | Moeller Electric BV | DILM17-10(230V50HZ) | 281/11           |
| 282F6      | 1      | Installatie-automaat, 2P, 10A, B-karakteristiek, 6kA                   | S202-B10                     | ABB                 | 2CDS 252 001 R0105  | 282/6            |
| 282Q6      | 1      | Magneetschakelaar 7.5kW + 1NO, 230/V50HZ                               | DILM17-10(230V50HZ)          | Moeller Electric BV | DILM17-10(230V50HZ) | 282/6            |
| 282S6      | 1      | Thermostaat met 1 wisselcontact 5-60 graden °C                         | RTR-E 6705                   | EBERLE Nederland    | 111 1709 51100      | 282/6            |
| 290M3      | 2      | Ventilator kastkoeling, 230VAC, 230/250 m³/h                           | SK 3241.100                  | Rittal              | SK 3241.100         | 290/3;708/1      |
| 290M3      | 1      | Ventilatioerooster                                                     | SK 3240.200                  | Rittal              | SK 3240.200         | 290/3            |
| 290S3      | 1      | Hygrostaat met 1 wisselcontact 50-100 %                                | SK3118.000                   | Rittal              | SK3118.000          | 290/3            |
| 290S5      | 1      | Thermostaat met 1 wisselcontact 5-55 graden °C                         | SK3110.000                   | Rittal              | SK3110.000          | 290/5            |
| 290M7      | 2      | Ventilator kastkoeling, 230VAC, 230/250 m³/h                           | SK 3241.100                  | Rittal              | SK 3241.100         | 290/7;708/3      |
| 290M7      | 1      | Ventilatioerooster                                                     | SK 3240.200                  | Rittal              | SK 3240.200         | 290/7            |
| 290S7      | 1      | Hygrostaat met 1 wisselcontact 50-100 %                                | SK3118.000                   | Rittal              | SK3118.000          | 290/7            |
| 290S8      | 1      | Thermostaat met 1 wisselcontact 5-55 graden °C                         | SK3110.000                   | Rittal              | SK3110.000          | 290/8            |
| 290M10     | 1      | Ventilator kastkoeling, 230VAC, 230/250 m³/h                           | SK 3241.100                  | Rittal              | SK 3241.100         | 290/10           |
| 290M10     | 1      | Ventilatioerooster                                                     | SK 3240.200                  | Rittal              | SK 3240.200         | 290/10           |



Kadiks Automatisering  
2841 MD Moordrecht  
Tel.: 0182-712079  
Fax.: 0182-616412

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Artikellijst

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|------------|--------|--------------------------------------------------------|------------------------------------|---------------------|------------------------------------|------------------|
| 290S11     | 1      | Hygrostaat met 1 wisselcontact 50-100 %                | SK3118.000                         | Rittal              | SK3118.000                         | 290/11           |
| 290S12     | 1      | Thermostaat met 1 wisselcontact 5-55 graden °C         | SK3110.000                         | Rittal              | SK3110.000                         | 290/12           |
| 291M3      | 2      | Ventilator kastkoeling, 230VAC, 180/160 m³/h           | SK 3240.100                        | Rittal              | SK 3240.100                        | 291/3;708/6      |
| 291M3      | 1      | Ventilatiooroster                                      | SK 3240.200                        | Rittal              | SK 3240.200                        | 291/3            |
| 291S3      | 1      | Hygrostaat met 1 wisselcontact 50-100 %                | SK3118.000                         | Rittal              | SK3118.000                         | 291/3            |
| 291S5      | 1      | Thermostaat met 1 wisselcontact 5-55 graden °C         | SK3110.000                         | Rittal              | SK3110.000                         | 291/5            |
| 292S3      | 1      | SZ Deurschak.24VDC/230VAC L=600mm, ENEC                | SZ.2500460                         | Rittal              | 2500460                            | 292/3            |
| 292H3      | 1      | SZ LED 600 lm 100-240VAC                               | SZ.2500110                         | Rittal              | 2500110                            | 292/3            |
| 292S5      | 1      | Thermostaat met 1 wisselcontact 5-55 graden °C         | SK3110.000                         | Rittal              | SK3110.000                         | 292/5            |
| 292E5      | 1      | Kast-verwarming 50 Watt                                | SK3105.340                         | Rittal              | SK3105.340                         | 292/5            |
| 292S7      | 1      | Hygrostaat met 1 wisselcontact 50-100 %                | SK3118.000                         | Rittal              | SK3118.000                         | 292/6            |
| 300F2      | 1      | Motorbeveiligingsschakelaar                            | PKZM0-10                           | Eaton Electric B.V. | 4467331                            | 300/2            |
| 300F2      | 1      | Hulpcontact PKZM, schroef 1x NO, 1x NC opbouw          | NHI-E-11-PKZ0                      | Moeller Electric BV | 082882                             | 300/2            |
| 300M2      | 1      | Aandrijfmotor met eindcontacten 45 omwentelingen       | SA 14.2/AM02.1                     | AUMA Benelux B.V.   | SA 14.2/AM02.1                     | 300/2            |
| 300F8      | 1      | Installatie-automaat, 1P, 2A, C-karakteristiek, 6kA    | S201-C2                            | ABB                 | 2CDS251001R0024                    | 300/8            |
| 301F2      | 1      | INSTALLATIEAUTOMAAT 1p+N 6A Ckar.6kA                   | S201-C6 NA                         | ABB                 | F020061                            | 301/2            |
| 301K3      | 1      | Magneetschakelaar 4kW + 1NO, 230/V50HZ                 | DILM9-10(230V50HZ)                 | Moeller Electric BV | DILM9-10(230V50HZ)                 | 301/3            |
| 301K3      | 1      | Hulpcontactblok 1M 3V                                  | DILA-XHI13                         | Moeller Electric BV | DILA-XHI13                         | 301/3            |
| 301S3      | 2      | Keuzeschakelaar 0 PLC NH                               | CA10 A750 EF+S0 M999/470+F*NL13812 | Kraus & Naimer      | CA10 A750 EF+S0 M999/470+F*NL13812 | 301/3;708/11     |
| 301S5      | 1      | Terugverende signaaldrukknop witIP67                   | M22-DL-W                           | Moeller Electric BV | M22-DL-W                           | 301/5            |
| 301S5      | 1      | Bevestigingsadapter voor drie contact/ LED elementen   | M22-A                              | Moeller Electric BV | 216374                             | 301/5            |
| 301S5      | 1      | Contact element 1M frontbevestiging schroefaansluiting | M22-K10                            | Moeller Electric BV | 216376                             | 301/5            |
| 301S5      | 1      | LED-element wit met schroefklem 85-264V AC 50/60Hz     | M22-LED230-W                       | Moeller Electric BV | M22-LED230-W                       | 301/5            |
| 301S5      | 1      | Schildplaatdrager voor knop, zonder schild             | M22ST-ST-X                         | Moeller Electric BV | 216392                             | 301/5            |
| 301K6      | 1      | Magneetschakelaar 4kW + 1NO, 230/V50HZ                 | DILM9-10(230V50HZ)                 | Moeller Electric BV | DILM9-10(230V50HZ)                 | 301/6            |
| 301K6      | 1      | Hulpcontactblok 1M 3V                                  | DILA-XHI13                         | Moeller Electric BV | DILA-XHI13                         | 301/6            |
| 301S8      | 2      | Signaaldrukknop Wit IP67 NIET TERUGVEREND              | M22-DRL-W                          | Moeller Electric BV | 216944                             | 301/8;708/11     |
| 301S8      | 1      | Bevestigingsadapter voor drie contact/ LED elementen   | M22-A                              | Moeller Electric BV | 216374                             | 301/8            |
| 301S8      | 1      | Contact element 1M frontbevestiging schroefaansluiting | M22-K10                            | Moeller Electric BV | 216376                             | 301/8            |
| 301S8      | 1      | LED-element wit met schroefklem 85-264V AC 50/60Hz     | M22-LED230-W                       | Moeller Electric BV | M22-LED230-W                       | 301/8            |
| 301S8      | 1      | Schildplaatdrager voor knop, zonder schild             | M22ST-ST-X                         | Moeller Electric BV | 216392                             | 301/8            |
| 301K9      | 1      | VOET tbv HULPRELAIS 4w                                 | VM-4R                              | MORS SMITT          |                                    | 301/9            |
| 302K3      | 1      | VOET tbv HULPRELAIS 4w                                 | VM-4R                              | MORS SMITT          | MY4IN (S) 230VAC                   | 302/3            |
| 302K4      | 1      | VOET tbv HULPRELAIS 4w                                 | VM-4R                              | MORS SMITT          | MY4IN (S) 230VAC                   | 302/4            |
| 302K5      | 1      | VOET tbv HULPRELAIS 4w                                 | VM-4R                              | MORS SMITT          | MY4IN (S) 230VAC                   | 302/5            |
| 302K7      | 1      | VOET tbv HULPRELAIS 4w                                 | VM-4R                              | MORS SMITT          | MY4IN (S) 230VAC                   | 302/7            |



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|------------|--------|--------------------------------------------------------|------------------------------------|---------------------|------------------------------------|------------------|
| 302K8      | 1      | VOET tbv HULPRELAIS 4w                                 | VM-4R                              | MORS SMITT          | MY4IN (S) 230VAC                   | 302/8            |
| 303F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                     | S201-Z2                            | ABB                 |                                    | 303/2            |
| 303K2      | 1      | Hulprelais 2W 24VDC met LED indicatie en testknop      | C12-G2X 24VDC                      | Releco Europa       | C12-G2X 24VDC                      | 303/2            |
| 303K3      | 1      | Hulprelais 2W 24VDC met LED indicatie en testknop      | C12-G2X 24VDC                      | Releco Europa       | C12-G2X 24VDC                      | 303/3            |
| 304H2      | 2      | LED-element wit met schroefklem 85-264V AC 50/60Hz     | M22-LED230-W                       | Moeller Electric BV | M22-LED230-W                       | 304/2;708/11     |
| 304H4      | 2      | LED-element wit met schroefklem 85-264V AC 50/60Hz     | M22-LED230-W                       | Moeller Electric BV | M22-LED230-W                       | 304/4;708/11     |
| 310F2      | 1      | Motorbeveiligingsschakelaar                            | PKZM0-10                           | Eaton Electric B.V. | 4467331                            | 310/2            |
| 310F2      | 1      | Hulpcontact PKZM, schroef 1x NO, 1x NC opbouw          | NHI-E-11-PKZ0                      | Moeller Electric BV | 082882                             | 310/2            |
| 310M2      | 1      | Aandrijfmotor met eindcontacten 45 omwentelingen       | SA 14.2/AM02.1                     | AUMA Benelux B.V.   | SA 14.2/AM02.1                     | 310/2            |
| 310F8      | 1      | Installatie-automaat, 1P, 2A, C-karakteristiek, 6kA    | S201-C2                            | ABB                 | 2CDS251001R0024                    | 310/8            |
| 311F2      | 1      | INSTALLATIEAUTOMAAT 1p+N 6A Ckar.6kA                   | S201-C6 NA                         | ABB                 | F020061                            | 311/2            |
| 311K3      | 1      | Magneetschakelaar 4kW + 1NO, 230/V50HZ                 | DILM9-10(230V50HZ)                 | Moeller Electric BV | DILM9-10(230V50HZ)                 | 311/3            |
| 311K3      | 1      | Hulpcontactblok 1M 3V                                  | DILA-XHI13                         | Moeller Electric BV | DILA-XHI13                         | 311/3            |
| 311S3      | 2      | Keuzeschakelaar 0 PLC NH                               | CA10 A750 EF+S0 M999/470+F*NL13812 | Kraus & Naimer      | CA10 A750 EF+S0 M999/470+F*NL13812 | 311/3;708/11     |
| 311S5      | 2      | Signaaldrukknop Wit IP67 NIET TERUGVEREND              | M22-DRL-W                          | Moeller Electric BV | 216944                             | 311/5;708/11     |
| 311S5      | 1      | Bevestigingsadapter voor drie contact/ LED elementen   | M22-A                              | Moeller Electric BV | 216374                             | 311/5            |
| 311S5      | 1      | Contact element 1M frontbevestiging schroefaansluiting | M22-K10                            | Moeller Electric BV | 216376                             | 311/5            |
| 311S5      | 1      | LED-element wit met schroefklem 85-264V AC 50/60Hz     | M22-LED230-W                       | Moeller Electric BV | M22-LED230-W                       | 311/5            |
| 311S5      | 1      | Schildplaatdrager voor knop, zonder schild             | M22ST-ST-X                         | Moeller Electric BV | 216392                             | 311/5            |
| 311K6      | 1      | Magneetschakelaar 4kW + 1NO, 230/V50HZ                 | DILM9-10(230V50HZ)                 | Moeller Electric BV | DILM9-10(230V50HZ)                 | 311/6            |
| 311K6      | 1      | Hulpcontactblok 1M 3V                                  | DILA-XHI13                         | Moeller Electric BV | DILA-XHI13                         | 311/6            |
| 311S8      | 2      | Signaaldrukknop Wit IP67 NIET TERUGVEREND              | M22-DRL-W                          | Moeller Electric BV | 216944                             | 311/8;708/11     |
| 311S8      | 1      | Bevestigingsadapter voor drie contact/ LED elementen   | M22-A                              | Moeller Electric BV | 216374                             | 311/8            |
| 311S8      | 1      | Contact element 1M frontbevestiging schroefaansluiting | M22-K10                            | Moeller Electric BV | 216376                             | 311/8            |
| 311S8      | 1      | LED-element wit met schroefklem 85-264V AC 50/60Hz     | M22-LED230-W                       | Moeller Electric BV | M22-LED230-W                       | 311/8            |
| 311S8      | 1      | Schildplaatdrager voor knop, zonder schild             | M22ST-ST-X                         | Moeller Electric BV | 216392                             | 311/8            |
| 311K9      | 1      | VOET tbv HULPRELAIS 4w                                 | VM-4R                              | MORS SMITT          | MY4IN (S) 230VAC                   | 311/9            |
| 312K3      | 1      | VOET tbv HULPRELAIS 4w                                 | VM-4R                              | MORS SMITT          | MY4IN (S) 230VAC                   | 312/3            |
| 312K4      | 1      | VOET tbv HULPRELAIS 4w                                 | VM-4R                              | MORS SMITT          | MY4IN (S) 230VAC                   | 312/4            |
| 312K5      | 1      | VOET tbv HULPRELAIS 4w                                 | VM-4R                              | MORS SMITT          | MY4IN (S) 230VAC                   | 312/5            |
| 312K7      | 1      | VOET tbv HULPRELAIS 4w                                 | VM-4R                              | MORS SMITT          | MY4IN (S) 230VAC                   | 312/7            |
| 312K8      | 1      | VOET tbv HULPRELAIS 4w                                 | VM-4R                              | MORS SMITT          | MY4IN (S) 230VAC                   | 312/8            |
| 313F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                     | S201-Z2                            | ABB                 |                                    | 313/2            |
| 313K2      | 1      | Hulprelais 2W 24VDC met LED indicatie en testknop      | C12-G2X 24VDC                      | Releco Europa       | C12-G2X 24VDC                      | 313/2            |
| 313K3      | 1      | Hulprelais 2W 24VDC met LED indicatie en testknop      | C12-G2X 24VDC                      | Releco Europa       | C12-G2X 24VDC                      | 313/3            |
| 314H2      | 2      | LED-element wit met schroefklem 85-264V AC 50/60Hz     | M22-LED230-W                       | Moeller Electric BV | M22-LED230-W                       | 314/2;708/11     |



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Tel.: 0182-712079  
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AWTG Zuidrand  
Artikellijst

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910

Artikellijst

| Code (ODC) | Aantal | Omschrijving                                       | Typenummer         | Fabrikaat                      | Bestelnr. B&B      | Schema / positie |
|------------|--------|----------------------------------------------------|--------------------|--------------------------------|--------------------|------------------|
| 314H4      | 2      | LED-element wit met schroefklem 85-264V AC 50/60Hz | M22-LED230-W       | Moeller Electric BV            | M22-LED230-W       | 314/4;708/11     |
| 320U2      | 1      | Actuator                                           | ELA40              | ECON                           |                    | 320/2            |
| 320F2      | 1      | INSTALLATIEAUTOMAAT 1p+N 2A Kkar.6kA               | S201-K2 NA         | ABB                            | F002021            | 320/2            |
| 321F2      | 1      | INSTALLATIEAUTOMAAT 1p+N 6A Ckar.6kA               | S201-C6 NA         | ABB                            | F020061            | 321/2            |
| 321K3      | 1      | Magneetschakelaar 4kW + 1NO, 230/V50HZ             | DILM9-10(230V50HZ) | Moeller Electric BV            | DILM9-10(230V50HZ) | 321/3            |
| 321K3      | 1      | Hulpcontactblok 1M 3V                              | DILA-XHI13         | Moeller Electric BV            | DILA-XHI13         | 321/3            |
| 321K6      | 1      | Magneetschakelaar 4kW + 1NO, 230/V50HZ             | DILM9-10(230V50HZ) | Moeller Electric BV            | DILM9-10(230V50HZ) | 321/6            |
| 321K6      | 1      | Hulpcontactblok 1M 3V                              | DILA-XHI13         | Moeller Electric BV            | DILA-XHI13         | 321/6            |
| 321K9      | 1      | VOET tbv HULPRELAIS 2w                             | VM-2R              | MORS SMITT                     | MY4IN (S) 230VAC   | 321/9            |
| 321K9      | 1      | HULPRELAIS 2w 230VAC+LED                           | M2-L-A230          | MORS SMITT                     |                    | 321/9            |
| 321K11     | 1      | VOET tbv HULPRELAIS 2w                             | VM-2R              | MORS SMITT                     | MY4IN (S) 230VAC   | 321/11           |
| 321K11     | 1      | HULPRELAIS 2w 230VAC+LED                           | M2-L-A230          | MORS SMITT                     |                    | 321/11           |
| 321K12     | 1      | VOET tbv HULPRELAIS 2w                             | VM-2R              | MORS SMITT                     | MY4IN (S) 230VAC   | 321/12           |
| 321K12     | 1      | HULPRELAIS 2w 230VAC+LED                           | M2-L-A230          | MORS SMITT                     |                    | 321/12           |
| 322K2      | 1      | HULPRELAIS 2w 24VDC+LED                            | M2-L-D024          | MORS SMITT                     | C12-G2X 24VDC      | 322/2            |
| 322K2      | 1      | VOET tbv HULPRELAIS 2w                             | VM-2R              | MORS SMITT                     |                    | 322/2            |
| 322F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                 | S201-Z2            | ABB                            |                    | 322/3            |
| 322K3      | 1      | HULPRELAIS 2w 24VDC+LED                            | M2-L-D024          | MORS SMITT                     | C12-G2X 24VDC      | 322/3            |
| 322K3      | 1      | VOET tbv HULPRELAIS 2w                             | VM-2R              | MORS SMITT                     |                    | 322/3            |
| 400F2      | 1      | INSTALLATIEAUTOMAAT 1p+N 6A Kkar.6kA               | S201-K6 NA         | ABB                            |                    | 400/2            |
| 400F2      | 1      | HULPKONTAKTBLOK 1w IN/UIT                          | S 2C-H6R           | ABB                            | 2CDS200946R0001    | 400/2            |
| 400U3      | 1      | 4-20mA-meetversteker                               | VEGAMET 391        | VEGA Meet- en Regeltechniek BV | VEGAMET 391        | 400/3            |
| 400B5      | 1      | Niveaumeter                                        | Vegabar 82         | VEGA Meet- en Regeltechniek BV |                    | 400/5            |
| 400F8      | 1      | INSTALLATIEAUTOMAAT 1p+N 6A Kkar.6kA               | S201-K6 NA         | ABB                            |                    | 400/8            |
| 400F8      | 1      | HULPKONTAKTBLOK 1w IN/UIT                          | S 2C-H6R           | ABB                            | 2CDS200946R0001    | 400/8            |
| 400U9      | 1      | 4-20mA-meetversteker                               | VEGAMET 391        | VEGA Meet- en Regeltechniek BV | VEGAMET 391        | 400/9            |
| 400B11     | 1      | Niveaumeter                                        | Vegabar 82         | VEGA Meet- en Regeltechniek BV |                    | 400/11           |
| 401F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                 | S201-Z2            | ABB                            |                    | 401/2            |
| 402F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                 | S201-Z2            | ABB                            |                    | 402/2            |
| 403F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                 | S201-Z2            | ABB                            |                    | 403/2            |
| 410F2      | 1      | Automaat Z kar.                                    | S201-Z2NA          | ABB                            | 2CDS251103R0278    | 410/2            |
| 410F2      | 1      | Hulpcontact MS132, schroef 1x NO, 1x NC            | HK1-11             | ABB                            | 1SAM 201 902 R1001 | 410/2            |
| 410U3      | 1      | Signal converter for electromagnetic flowmeters    | IFC 300 W          | KROHNE Nederland B.V.          | IFC 300 W          | 410/3            |
| 410K10     | 1      | HULPRELAIS 2w 24VDC+LED                            | M2-L-D024          | MORS SMITT                     |                    | 410/10           |
| 410K10     | 1      | VOET tbv HULPRELAIS 2w                             | VM-2R              | MORS SMITT                     |                    | 410/10           |
| 410K11     | 1      | HULPRELAIS 2w 24VDC+LED                            | M2-L-D024          | MORS SMITT                     |                    | 410/11           |



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911

Artikellijst

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|------------|--------|------------------------------------------------------------------------|----------------------|-----------------------------|----------------------|------------------|
| 410K11     | 1      | VOET tbv HULPRELAIS 2w                                                 | VM-2R                | MORS SMITT                  |                      | 410/11           |
| 411U9      | 1      | MCR-3-weg-scheidingsversterker, galvanische scheiding analoge signalen | MINI MCR-SL-I-I      | Phoenix Contact             | 2864383              | 411/9            |
| 412F2      | 1      | Automaat Z kar.                                                        | S201-Z6NA            | ABB                         | 2CDS251103R0378      | 412/2            |
| 413U9      | 1      | MCR-3-weg-scheidingsversterker, galvanische scheiding analoge signalen | MINI MCR-SL-I-I      | Phoenix Contact             | 2864383              | 413/9            |
| 414F2      | 1      | Automaat Z kar.                                                        | S201-Z6NA            | ABB                         | 2CDS251103R0378      | 414/2            |
| 415U9      | 1      | MCR-3-weg-scheidingsversterker, galvanische scheiding analoge signalen | MINI MCR-SL-I-I      | Phoenix Contact             | 2864383              | 415/9            |
| 416F2      | 1      | Automaat Z kar.                                                        | S201-Z2NA            | ABB                         | 2CDS251103R0278      | 416/2            |
| 416F2      | 1      | Hulpcontact MS132, schroef 1x NO, 1x NC                                | HK1-11               | ABB                         | 1SAM 201 902 R1001   | 416/2            |
| 416U3      | 1      | Signal converter for electromagnetic flowmeters                        | IFC 300 W            | KROHNE Nederland B.V.       | IFC 300 W            | 416/3            |
| 416K10     | 1      | HULPRELAIS 2w 24VDC+LED                                                | M2-L-D024            | MORS SMITT                  |                      | 416/10           |
| 416K10     | 1      | VOET tbv HULPRELAIS 2w                                                 | VM-2R                | MORS SMITT                  |                      | 416/10           |
| 416K11     | 1      | HULPRELAIS 2w 24VDC+LED                                                | M2-L-D024            | MORS SMITT                  |                      | 416/11           |
| 416K11     | 1      | VOET tbv HULPRELAIS 2w                                                 | VM-2R                | MORS SMITT                  |                      | 416/11           |
| 417U9      | 1      | MCR-3-weg-scheidingsversterker, galvanische scheiding analoge signalen | MINI MCR-SL-I-I      | Phoenix Contact             | 2864383              | 417/9            |
| 418U3      | 1      | 230VAC                                                                 |                      | HONEYWELL                   | TOUCHPOINT PLUS      | 418/3            |
| 418H13     | 1      | SONFL1XDC024(R/R)                                                      |                      | SONFL1X                     | SONFL1XDC024(R/R)    | 418/13           |
| 418H15     | 1      | SONFL1XDC024(R/R)                                                      |                      | SONFL1X                     | SONFL1XDC024(R/R)    | 418/14           |
| 419K2      | 1      | HULPRELAIS 4w 24VDC+LED                                                | M4-L-D024            | MORS SMITT                  |                      | 419/2            |
| 419K2      | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                | MORS SMITT                  |                      | 419/2            |
| 419K4      | 1      | HULPRELAIS 4w 24VDC+LED                                                | M4-L-D024            | MORS SMITT                  |                      | 419/4            |
| 419K4      | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                | MORS SMITT                  |                      | 419/4            |
| 420F2      | 1      | Automaat Z kar.                                                        | S201-Z6NA            | ABB                         | 2CDS251103R0378      | 420/2            |
| 420F2      | 1      | Hulpcontact MS132, schroef 1x NO, 1x NC                                | HK1-11               | ABB                         | 1SAM 201 902 R1001   | 420/2            |
| 420K3      | 1      | Multifunctioneel tijdrelais                                            | H3DE-M2 24-230VAC/DC | Omron Industrial Automation | H3DE-M2 24           | 420/3            |
| 420K4      | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230            | MORS SMITT                  |                      | 420/4            |
| 420K4      | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                | MORS SMITT                  |                      | 420/4            |
| 420K5      | 1      | Multifunctioneel tijdrelais                                            | H3DE-M2 24-230VAC/DC | Omron Industrial Automation | H3DE-M2 24           | 420/5            |
| 420K8      | 1      | HULPRELAIS 4w 230VAC+LED                                               | M4-L-A230            | MORS SMITT                  |                      | 420/8            |
| 420K8      | 1      | VOET tbv HULPRELAIS 4w                                                 | VM-4R                | MORS SMITT                  |                      | 420/8            |
| 420K9      | 1      | Multifunct. tijdrelais, 2 tijdgestuurde wisselcontacten                | H3DK-M-2 AC/DC24 240 | Omron Industrial Automation | H3DK-M-2 AC/DC24 240 | 420/9            |
| 420K11     | 1      | Multifunct. tijdrelais, 2 tijdgestuurde wisselcontacten                | H3DK-M-2 AC/DC24 240 | Omron Industrial Automation | H3DK-M-2 AC/DC24 240 | 420/11           |
| 440F2      | 1      | Automaat Z kar.                                                        | S201-Z6NA            | ABB                         | 2CDS251103R0378      | 440/2            |
| 440F2      | 1      | Hulpcontact MS132, schroef 1x NO, 1x NC                                | HK1-11               | ABB                         | 1SAM 201 902 R1001   | 440/2            |
| 440S3      | 2      | Terugverende drukknop zwart, IP67                                      | M22-D-S              | Moeller Electric BV         | M22-D-S              | 440/3;708/9      |
| 440S3      | 1      | BEVESTIGINGSADAPTER frontmontage                                       | M22-A                | Eaton Electric B.V.         |                      | 440/3            |
| 440S3      | 1      | MAAKKONTAKT frontmontage                                               | M22-K10              | Eaton Electric B.V.         |                      | 440/3            |



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912

Artikellijst

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|------------|--------|---------------------------------------------------------|----------------------------|-----------------------------|--------------------------|------------------|
| 440K3      | 1      | HULPRELAIS 4w 230VAC+LED                                | M4-L-A230                  | MORS SMITT                  |                          | 440/3            |
| 440K3      | 1      | VOET tbv HULPRELAIS 4w                                  | VM-4R                      | MORS SMITT                  |                          | 440/3            |
| 440K4      | 1      | HULPRELAIS 4w 230VAC+LED                                | M4-L-A230                  | MORS SMITT                  |                          | 440/4            |
| 440K4      | 1      | VOET tbv HULPRELAIS 4w                                  | VM-4R                      | MORS SMITT                  |                          | 440/4            |
| 440K5      | 1      | HULPRELAIS 4w 230VAC+LED                                | M4-L-A230                  | MORS SMITT                  |                          | 440/5            |
| 440K5      | 1      | VOET tbv HULPRELAIS 4w                                  | VM-4R                      | MORS SMITT                  |                          | 440/5            |
| 440K5.1    | 1      | HULPRELAIS 4w 230VAC+LED                                | M4-L-A230                  | MORS SMITT                  |                          | 440/5            |
| 440K5.1    | 1      | VOET tbv HULPRELAIS 4w                                  | VM-4R                      | MORS SMITT                  |                          | 440/5            |
| 440K6      | 1      | HULPRELAIS 4w 230VAC+LED                                | M4-L-A230                  | MORS SMITT                  |                          | 440/6            |
| 440K6      | 1      | VOET tbv HULPRELAIS 4w                                  | VM-4R                      | MORS SMITT                  |                          | 440/6            |
| 440S7      | 2      | Terugverende drukknop zwart, IP67                       | M22-D-S                    | Moeller Electric BV         | M22-D-S                  | 440/7;708/10     |
| 440S7      | 1      | BEVESTIGINGSADAPTER frontmontage                        | M22-A                      | Eaton Electric B.V.         |                          | 440/7            |
| 440S7      | 2      | MAAKKONTAKT frontmontage                                | M22-K10                    | Eaton Electric B.V.         |                          | 440/7            |
| 440K7      | 1      | HULPRELAIS 4w 230VAC+LED                                | M4-L-A230                  | MORS SMITT                  |                          | 440/7            |
| 440K7      | 1      | VOET tbv HULPRELAIS 4w                                  | VM-4R                      | MORS SMITT                  |                          | 440/7            |
| 440K13     | 1      | Multifunct. tijdrelais, 2 tijdgestuurde wisselcontacten | H3DK-M-2 AC/DC24 240       | Omron Industrial Automation | H3DK-M-2 AC/DC24 240     | 440/13           |
| 440K14     | 1      | HULPRELAIS 4w 230VAC+LED                                | M4-L-A230                  | MORS SMITT                  |                          | 440/14           |
| 440K14     | 1      | VOET tbv HULPRELAIS 4w                                  | VM-4R                      | MORS SMITT                  |                          | 440/14           |
| 450F2      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                      | S201-Z2                    | ABB                         |                          | 450/2            |
| 450F2      | 1      | HULPKONTAKTBLOK 1w IN/UIT                               | S 2C-H6R                   | ABB                         | 2CDS200946R0001          | 450/2            |
| 450K2      | 1      | HULPRELAIS 2w 24VDC+LED                                 | M2-L-D024                  | MORS SMITT                  |                          | 450/2            |
| 450K2      | 1      | VOET tbv HULPRELAIS 2w                                  | VM-2R                      | MORS SMITT                  |                          | 450/2            |
| 450K3      | 1      | HULPRELAIS 2w 24VDC+LED                                 | M2-L-D024                  | MORS SMITT                  |                          | 450/3            |
| 450K3      | 1      | VOET tbv HULPRELAIS 2w                                  | VM-2R                      | MORS SMITT                  |                          | 450/3            |
| 450K4      | 1      | HULPRELAIS 2w 24VDC+LED                                 | M2-L-D024                  | MORS SMITT                  |                          | 450/4            |
| 450K4      | 1      | VOET tbv HULPRELAIS 2w                                  | VM-2R                      | MORS SMITT                  |                          | 450/4            |
| 450H5      | 2      | Signaallamp Rood IP67                                   | M22-L-R                    | Moeller Electric BV         | 216772                   | 450/5;708/8      |
| 450H5      | 1      | BEVESTIGINGSADAPTER frontmontage                        | M22-A                      | Moeller Electric BV         |                          | 450/5            |
| 450H5      | 1      | LED ELEMENT rd. 12-30V                                  | M22-LED-R                  | Moeller Electric BV         | B207183                  | 450/5            |
| 450S9      | 2      | Terugverende drukknop zwart, IP67                       | M22-D-S                    | Moeller Electric BV         | M22-D-S                  | 450/9;708/9      |
| 450S9      | 1      | BEVESTIGINGSADAPTER frontmontage                        | M22-A                      | Eaton Electric B.V.         |                          | 450/9            |
| 450S9      | 1      | MAAKKONTAKT frontmontage                                | M22-K10                    | Eaton Electric B.V.         |                          | 450/9            |
| 450S12     | 2      | Keuzeschakelaar AFWEZIG AANWEZIG                        | CA10 A200 EF + F*NL12107   | Kraus & Naimer              | CA10 A200 EF + F*NL12107 | 450/12;708/9     |
| 450S13     | 1      | DEURSCHAKELAAR                                          | SZ4315.520                 | Rittal                      | B769128                  | 450/13           |
| 510U2      | 1      | VOEDING PLC -48..+24VDC                                 | T-BOX MS-PS-DCN-48..+24VDC | CIMPRO                      |                          | 510/2            |
| 510U2      | 1      | Basis rack voor montage van kaarten                     | MS-RACK-20                 | CimPro B.V.                 | MS-RACK-20               | 510/2            |



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Artikellijst

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|------------|--------|--------------------------------------------------------------------------------------------|----------------------------|-----------------------------|-----------------|------------------|
| 510F2      | 1      | INSTALLATIEAUTOMAAT 1P 3A Kkar.6kA                                                         | S201-K3                    | ABB                         | 2CDS251001R0317 | 510/2            |
| 510U3      | 1      | CPU KAART 32 bits                                                                          | MS-CPU-32                  | CIMPRO                      |                 | 510/3            |
| 510H5      | 2      | TOUCHSCREEN 256kl. 800x600pix 12,1"diagonaal 24VDC                                         | TCP-1250-N2AE              | ADVANTECH                   |                 | 510/5;708/9      |
| 510U5      | 1      | SWITCH 4 PORTS                                                                             | T-BOX MS-ETHER-4           | CIMPRO                      |                 | 510/5            |
| 510F5      | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                                                         | S201-Z2                    | ABB                         |                 | 510/5            |
| 510F5      | 1      | HULPKONTAKTBLOK 1w IN/UIT                                                                  | S 2C-H6R                   | ABB                         | 2CDS200946R0001 | 510/5            |
| 510U6      | 1      | HSDPA-3G MODEM + RS-232/485 PORT                                                           | T-BOX MS-GSM 3G            | CIMPRO                      |                 | 510/6            |
| 510U7      | 1      | DIGITALE INGANGSKAART 16DI, ISOLATED 8/8                                                   | T-BOX MS 16DI              | CIMPRO                      |                 | 510/7            |
| 510U8      | 1      | DIGITALE INGANGSKAART 16DI, ISOLATED 8/8                                                   | T-BOX MS 16DI              | CIMPRO                      |                 | 510/8            |
| 510U9      | 1      | DIGITALE INGANGSKAART 16DI, ISOLATED 8/8                                                   | T-BOX MS 16DI              | CIMPRO                      |                 | 510/9            |
| 510U10     | 1      | DIGITALE INGANGSKAART 16DI, ISOLATED 8/8                                                   | T-BOX MS 16DI              | CIMPRO                      |                 | 510/10           |
| 510U11     | 1      | DIGITALE INGANGSKAART 16DI, ISOLATED 8/8                                                   | T-BOX MS 16DI              | CIMPRO                      |                 | 510/11           |
| 510U12     | 1      | DIGITALE INGANGSKAART 16DI, ISOLATED 8/8                                                   | T-BOX MS 16DI              | CIMPRO                      |                 | 510/12           |
| 510U13     | 1      | DIGITALE UITGANGSKAART 16DO, ISOLATED 8/8                                                  | T-BOX MS 16DO              | CIMPRO                      |                 | 510/13           |
| 510F13     | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                                                         | S201-Z2                    | ABB                         |                 | 510/13           |
| 510F14     | 1      | INSTALLATIEAUTOMAAT 1p 2A Zkar.6kA                                                         | S201-Z2                    | ABB                         |                 | 510/14           |
| 511U2      | 1      | ANALOGIE INGANGSKAART 4xAI, ISOLATED 1/1                                                   | T-BOX MS-4AI201            | CIMPRO                      |                 | 511/2            |
| 511U3      | 1      | ANALOGIE INGANGSKAART 4xAI, ISOLATED 1/1                                                   | T-BOX MS-4AI201            | CIMPRO                      |                 | 511/3            |
| 511U4      | 1      | ANALOGIE INGANGSKAART 4xAI, ISOLATED 1/1                                                   | T-BOX MS-4AI201            | CIMPRO                      |                 | 511/4            |
| 511U5      | 1      | ANALOGIE UITGANGSKAART 4xAO, ISOLATED 1/1                                                  | T-BOX MS-4AO VC            | CIMPRO                      |                 | 511/4            |
| 511U6      | 1      | DIGITALE INGANGSKAART 16DI, ISOLATED 8/8                                                   | T-BOX MS 16DI              | CIMPRO                      |                 | 511/5            |
| 511U7      | 1      | DIGITALE INGANGSKAART 16DI, ISOLATED 8/8                                                   | T-BOX MS 16DI              | CIMPRO                      |                 | 511/6            |
| 511U8      | 1      | DIGITALE INGANGSKAART 16DI, ISOLATED 8/8                                                   | T-BOX MS 16DI              | CIMPRO                      |                 | 511/7            |
| 511U9      | 1      | DIGITALE INGANGSKAART 16DI, ISOLATED 8/8                                                   | T-BOX MS 16DI              | CIMPRO                      |                 | 511/8            |
| 511U10     | 1      | DIGITALE INGANGSKAART 16DI, ISOLATED 8/8                                                   | T-BOX MS 16DI              | CIMPRO                      |                 | 511/9            |
| 511U11     | 1      | VOEDING PLC -48..+24VDC                                                                    | T-BOX MS-PS-DCN-48..+24VDC | CIMPRO                      |                 | 511/11           |
| 511U12     | 1      | CPU KAART 32 bits                                                                          | MS-CPU-32                  | CIMPRO                      |                 | 511/12           |
| 511U12     | 1      | Basis rack voor montage van kaarten                                                        | MS-RACK-                   | CimPro B.V.                 | MS-RACK-5       | 511/12           |
| 511U14     | 1      | DIGITALE INGANGSKAART 16DI, ISOLATED 8/8                                                   | T-BOX MS 16DI              | CIMPRO                      |                 | 511/14           |
| 530U3      | 1      |                                                                                            |                            |                             |                 | 530/4            |
| 530U4      | 1      | AR509 Huawei                                                                               | AR509                      |                             | levering derden | 530/4            |
| 530X7      | 1      | DIN rail wcd 230VAC                                                                        | SN016                      | Hager Tehalit BV            | 445.9519        | 530/6            |
| 530U8      | 1      | Backup alarm melder met GSM modem, TCP-IP 42.8kbps 4 alarmingangen, 2 relais uitgang 24VDC | MD-24VDC120VA              | Adesys                      | M0402A-BG-A     | 530/8            |
| 530X9      | 1      | DIN rail wcd 230VAC                                                                        | SN016                      | Hager Tehalit BV            | 445.9519        | 530/9            |
| 530U4      | 1      | Industrial ADSL router for ADSL/ADSL2/ADSL2+, 10 to 60 VDC                                 | ADSL-350                   | MODELEC Data-Industrie B.V. | 3623-0301       | 530              |
| 530U5.1    | 1      | OVERSPANNINGSBEVEILIGING 0(4)-20mA/0-10V                                                   | PLUGTRAB PT 1X2-24DC-ST    | Phoenix Contact             | B229064         | 530              |



Kadiks Automatisering  
2841 MD Moordrecht  
Tel.: 0182-712079  
Fax.: 0182-616412

| get | datum      | wijz |
|-----|------------|------|
| DB  | 26-04-2018 | H    |
| DB  | 11-04-2018 | G    |
| DB  | 14-05-2018 | I    |
| DB  | 03-10-2017 | E    |
| JVL | 30-10-2017 | F    |



Hoogheemraadschap van  
**Rijnland**

AWTG Zuidrand  
Artikellijst

Dwight BrunoAS BUILT 11-04-2018

A3

NV-080-00023

914

Artikellijst

| Code (ODC) | Aantal | Omschrijving                                                               | Typenummer  | Fabrikaat           | Bestelnr. B&B | Schema / positie |
|------------|--------|----------------------------------------------------------------------------|-------------|---------------------|---------------|------------------|
| 530U8      | 1      | Industriële alarmmelders en telemetrie                                     | Modalarm-IP | Adésys              | Modalarm-IP   | 530              |
| 200Q7      | 1      | Lastscheider, vierpolig 630A, 50kAbodembevestiging, verticale aansluiting. | DMV 630N/4  | Eaton Holec         | 1814 444      | 701/5            |
| 301S5      | 2      | Signaaldrukknop Wit IP67 NIET TERUGVEREND                                  | M22-DRL-W   | Moeller Electric BV | 216944        | 706/3;708/11     |