

Opdrachtgever: **SCP 20 B.V.**
 Project: **Nieuwbouw DC Venlo**
 Onderwerp: **Rioleringsplan HWA**

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 File: Rioleringsplan.xls



SHWA dakwater

| Van putnr. | Naar putnr. | Verhard oppervlak | Totaal oppervlak | Neerslag intensiteit | Afvoer | Afvoer cum. | Statisch bepaalde diameter | Gekozen diameter | Opmerking |
|-------------------|-------------|-------------------|------------------|----------------------|---------|-------------|----------------------------|------------------|-----------|
| | | ha. | ha. | l/s | l/s | l/s | Ø | Ø | |
| Noordzijde | | | | | | | | | |
| S01 | S02 | 0,638 | 0,638 | 110,000 | 70,136 | 70,14 | 500 | 500 | |
| S02 | S03 | 0,000 | 0,000 | 110,000 | 0,000 | 70,14 | 500 | 500 | |
| S05 | S03 | 0,952 | 0,952 | 110,000 | 104,731 | 104,73 | 500 | 500 | |
| S03 | S04 | 0,000 | 0,000 | 110,000 | 0,000 | 174,87 | 600 | 600 | |
| S06 | S07 | 0,952 | 0,952 | 110,000 | 104,731 | 104,73 | 500 | 500 | |
| S08 | S09 | 0,638 | 0,638 | 110,000 | 70,136 | 70,14 | 500 | 500 | |
| S10 | U01 | 0,000 | 0,000 | 110,000 | 0,000 | 257,77 | 700 | 700 | |
| S09 | U02 | 0,000 | 0,000 | 110,000 | 0,000 | 257,77 | 700 | 700 | |
| Zuidzijde | | | | | | | | | |
| S14 | S15 | 1,038 | 1,038 | 110,000 | 114,142 | 114,14 | 500 | 500 | |
| S15 | S16 | 0,000 | 0,000 | 110,000 | 0,000 | 114,14 | 500 | 500 | |
| S18 | S16 | 1,030 | 1,030 | 110,000 | 113,262 | 113,26 | 500 | 500 | |
| S16 | S17 | 0,000 | 0,000 | 110,000 | 0,000 | 227,40 | 700 | 700 | |
| S19 | S20 | 0,070 | 0,070 | 110,000 | 7,689 | 7,69 | 200 | 200 | |
| S20 | S21 | 0,000 | 0,000 | 110,000 | 0,000 | 7,69 | 200 | 200 | |
| S23 | S21 | 1,029 | 1,029 | 110,000 | 113,240 | 113,24 | 500 | 500 | |
| S21 | S22 | 0,000 | 0,000 | 110,000 | 0,000 | 120,93 | 500 | 500 | |
| S24 | S25 | 0,873 | 0,873 | 110,000 | 96,047 | 96,05 | 500 | 500 | |
| S26 | U03 | 0,000 | 0,000 | 110,000 | 0,000 | 198,82 | 700 | 600 | |
| S27 | U04 | 0,000 | 0,000 | 110,000 | 0,000 | 198,82 | 700 | 600 | |
| S29 | U05 | 0,000 | 0,000 | 110,000 | 0,000 | 198,82 | 700 | 600 | |
| S30 | U06 | 0,000 | 0,000 | 110,000 | 0,000 | 198,82 | 700 | 600 | |

VHWA terreinwater

| Van putnr. | Naar putnr. | Verhard oppervlak | Totaal oppervlak | Neerslag intensiteit | Afvoer | Afvoer cum. | Statisch bepaalde diameter | Gekozen diameter | Opmerking |
|---------------------------------|-------------|-------------------|------------------|----------------------|--------|-------------|----------------------------|------------------|--------------------------|
| | | ha. | ha. | l/s | l/s | l/s | Ø | Ø | |
| Zuidzijde en toegangsweg | | | | | | | | | |
| V01 | V02 | 0,332 | 0,332 | 110,000 | 36,553 | 36,55 | 400 | 400 | |
| V02 | V03 | 0,371 | 0,371 | 110,000 | 40,799 | 77,35 | 500 | 500 | |
| V03 | V04 | 0,373 | 0,373 | 110,000 | 41,008 | 118,36 | 500 | 500 | |
| V08 | V07 | 0,238 | 0,238 | 110,000 | 26,202 | 26,20 | 315 | 315 | |
| V07 | V06 | 0,213 | 0,213 | 110,000 | 23,375 | 49,58 | 400 | 400 | |
| V06 | V05 | 0,204 | 0,204 | 110,000 | 22,407 | 71,98 | 500 | 500 | |
| V12 | V11 | 0,135 | 0,135 | 110,000 | 14,883 | 14,88 | 250 | 400 | |
| V11 | V10 | 0,095 | 0,095 | 110,000 | 10,406 | 25,29 | 315 | 400 | |
| V10 | V09 | 0,096 | 0,096 | 110,000 | 10,582 | 35,87 | 400 | 400 | |
| V09 | V05 | 0,150 | 0,150 | 110,000 | 16,544 | 52,42 | 400 | 400 | |
| V05 | V04 | 0,150 | 0,150 | 110,000 | 16,544 | 140,94 | 600 | 600 | |
| V04 | OB01 | 0,000 | 0,000 | 110,000 | 0,000 | 259,30 | 700 | 700 | OBAS t.b.v. 23.573 m2 |
| OB01 | PP01 | 0,000 | 0,000 | 110,000 | 0,000 | 259,30 | 700 | 700 | Pompput t.b.v. 23.573 m2 |
| PP01 | S26 | 0,000 | 0,000 | 110,000 | 0,000 | 259,30 | persleiding | | |
| Laadkuil R | V13 | 0,432 | 0,432 | 110,000 | 47,498 | 47,50 | 400 | 400 | |
| V13 | OB02 | 0,000 | 0,000 | 110,000 | 0,000 | 47,50 | 400 | 400 | OBAS t.b.v. 4.318 m2 |
| OB02 | PP02 | 0,000 | 0,000 | 110,000 | 0,000 | 47,50 | 400 | 400 | Pompput t.b.v. 4.318 m2 |
| PP02 | S17 | 0,000 | 0,000 | 110,000 | 0,000 | 47,50 | persleiding | | |
| Laadkuil L | V14 | 0,401 | 0,401 | 110,000 | 44,099 | 44,10 | 400 | 400 | |
| V14 | OB03 | 0,000 | 0,000 | 110,000 | 0,000 | 44,10 | 400 | 400 | OBAS t.b.v. 4.009 m2 |
| OB03 | PP03 | 0,000 | 0,000 | 110,000 | 0,000 | 44,10 | 400 | 400 | Pompput t.b.v. 4.009 m2 |
| PP03 | S25 | 0,000 | 0,000 | 110,000 | 0,000 | 44,10 | persleiding | | |
| Noordzijde | | | | | | | | | |
| V12 | V15 | 0,147 | 0,147 | 110,000 | 16,192 | 16,19 | 250 | 250 | |
| V19 | V18 | 0,140 | 0,140 | 110,000 | 15,444 | 15,44 | 250 | 250 | |
| V18 | V15 | 0,177 | 0,177 | 110,000 | 19,415 | 27,14 | 315 | 315 | |
| V15 | V16 | 0,023 | 0,023 | 110,000 | 2,486 | 45,82 | 400 | 400 | |
| V18 | V17 | 0,023 | 0,023 | 110,000 | 2,475 | 10,20 | 200 | 250 | |
| V17 | V16 | 0,151 | 0,151 | 110,000 | 16,588 | 26,79 | 315 | 315 | |
| V16 | OB04 | 0,000 | 0,000 | 110,000 | 0,000 | 72,60 | 500 | 500 | |
| OB04 | PP04 | 0,000 | 0,000 | 110,000 | 0,000 | 72,60 | 500 | 500 | |
| PP04 | S10 | 0,000 | 0,000 | 110,000 | 0,000 | 72,60 | persleiding | | |
| Laadkuil R | V20 | 0,482 | 0,482 | 110,000 | 53,020 | 53,02 | 400 | 400 | |
| V20 | OB05 | 0,000 | 0,000 | 110,000 | 0,000 | 53,02 | 400 | 400 | OBAS t.b.v. 4.820 m2 |
| OB05 | PP05 | 0,000 | 0,000 | 110,000 | 0,000 | 53,02 | 400 | 400 | Pompput t.b.v. 4.820 m2 |
| PP05 | S04 | 0,000 | 0,000 | 110,000 | 0,000 | 53,02 | persleiding | | |
| Laadkuil L | V21 | 0,365 | 0,365 | 110,000 | 40,183 | 40,18 | 400 | 400 | |
| V21 | OB06 | 0,000 | 0,000 | 110,000 | 0,000 | 40,18 | 400 | 400 | OBAS t.b.v. 3.653 m2 |
| OB06 | PP06 | 0,000 | 0,000 | 110,000 | 0,000 | 40,18 | 400 | 400 | Pompput t.b.v. 3.653 m2 |
| PP06 | S09 | 0,000 | 0,000 | 110,000 | 0,000 | 40,18 | persleiding | | |

UITGANGSPUNTEN

- Neerslagintensiteit 110 l/s
- Verhang HWA riolering 1:1000
- Minimale dekking hoofdriool 1,20 m

- Minimale diameter hoofdriool 200 mm