



DR ENGINEERING

Datum : 27 april 2021

Omschrijving : Vabi Vuilwaterberekening

Projectnummer: Voorbeeld
Projectnaam : vabi-vuilwaterberekening.PRJ
Technicus : DR Engineering

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| DR Engineering |
+-----+
H E M E L W A T E R + V U I L W A T E R B E R E K E N I N G
V A B I versie 10.80

Projectnummer: Voorbeeld
Projectnaam : vabi-vuilwaterberekening.PRJ
Technicus : DR Engineering
Datum : 27 april 2021 Tijd : 10:53:18
Omschrijving : Vabi Vuilwaterberekening

startleiding 249:Hoofdleiding

begrenzing nr 1:
materiaal soort PVC5

leidingafschot 50
leverancier 0
zoekbereik Gunstig

gelijktijdigheid lozingsvolumestroom: kantoor/onderwijsfunctie (0.5)

default T-stuk nummer 2: default aftakking
default bocht nummer 2: default bocht

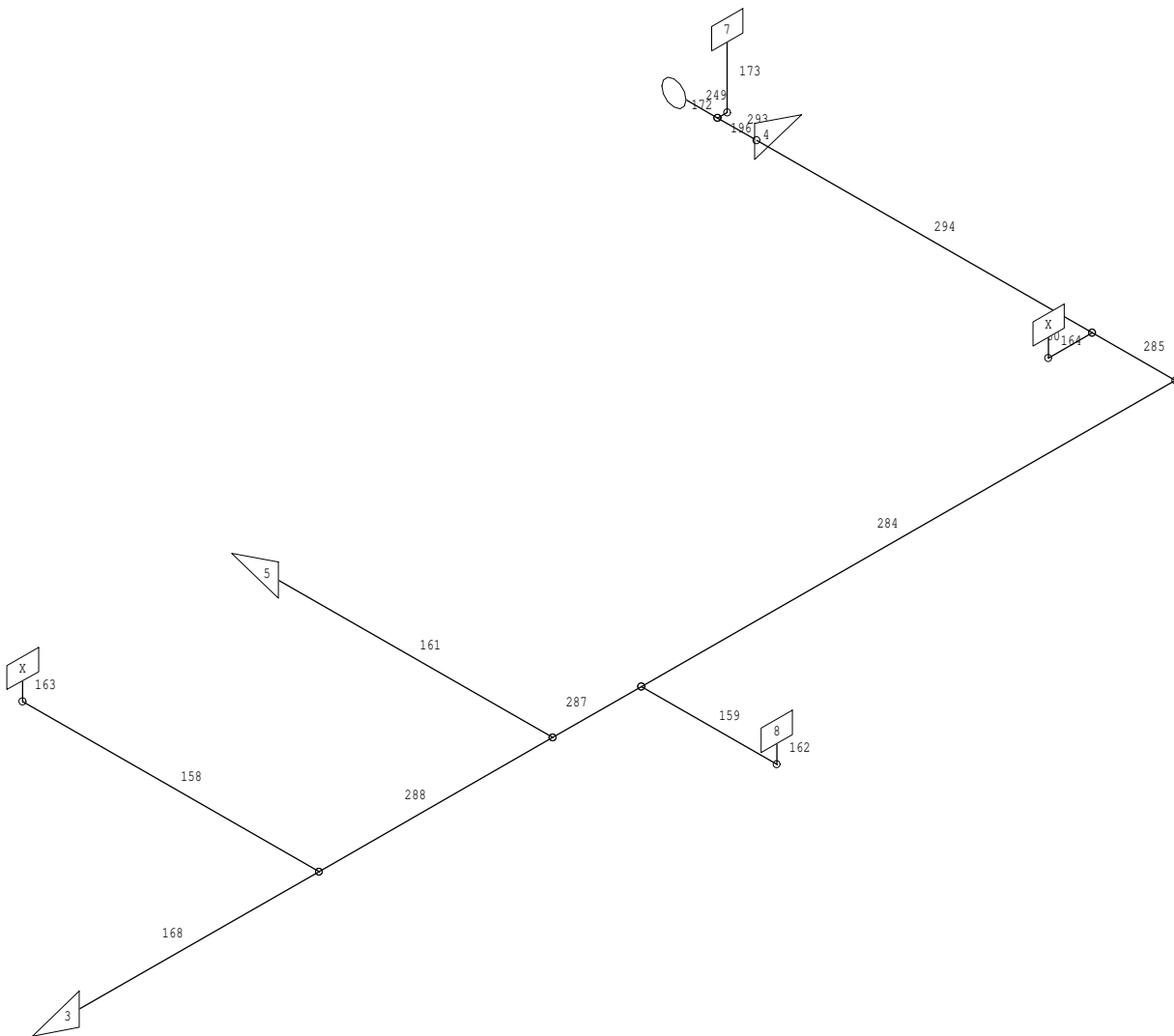
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| DR Engineering |
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Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
Projectnummer: Voorbeeld Pagina 3
Projectnaam : vabi-vuilwaterberekening.PRJ
Technicus : DR Engineering
Datum : 27 april 2021 Tijd : 10:53:18
Omschrijving : Vabi Vuilwaterberekening

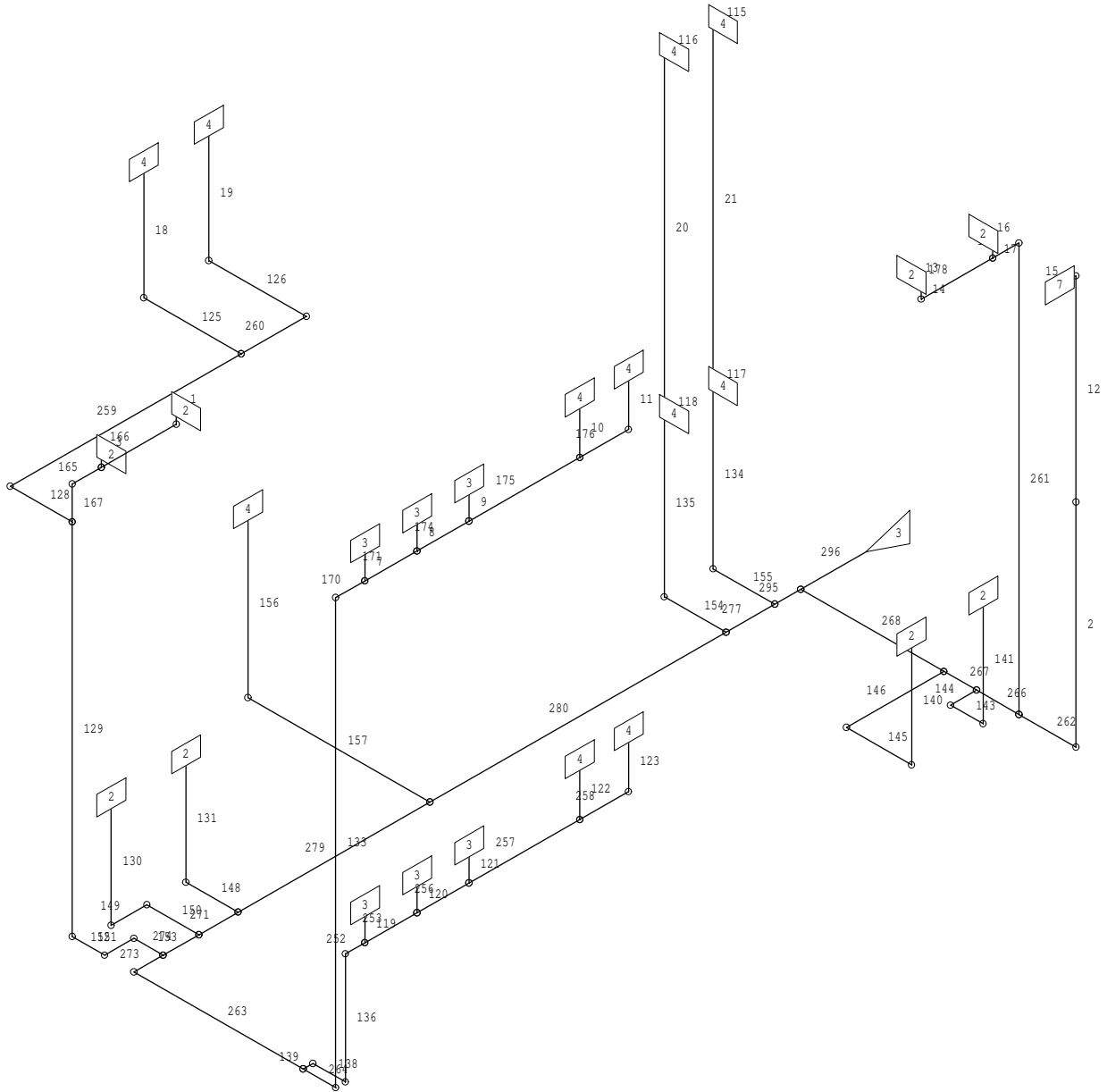
BEGRENZINGEN

| | | | |
|-----------------|----|---------|---|
| begrenzing nr | 1: | | |
| materiaal soort | | PVC5 | |
| leidingafschot | | 50 | |
| leverancier | | | 0 |
| zoekbereik | | Gunstig | |
| begrenzing nr | 2: | | |
| materiaal soort | | PVC5 | |
| leidingafschot | | 100 | |
| leverancier | | | 0 |
| zoekbereik | | Gunstig | |

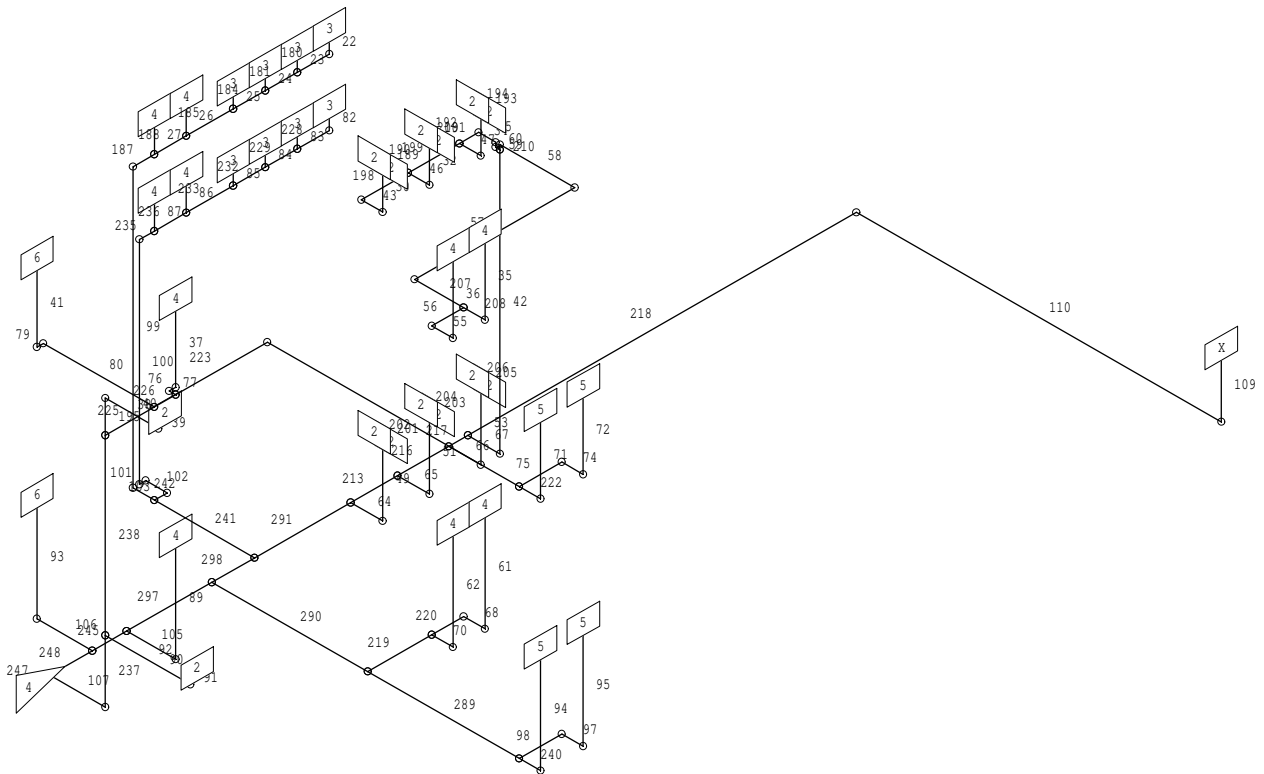
Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
Projectnummer: Voorbeeld Pagina 4
Projectnaam : vabi-vuilwaterberekening.PRJ
Technicus : DR Engineering
Datum : 27 april 2021 Tijd : 10:53:18
Omschrijving : Vabi Vuilwaterberekening



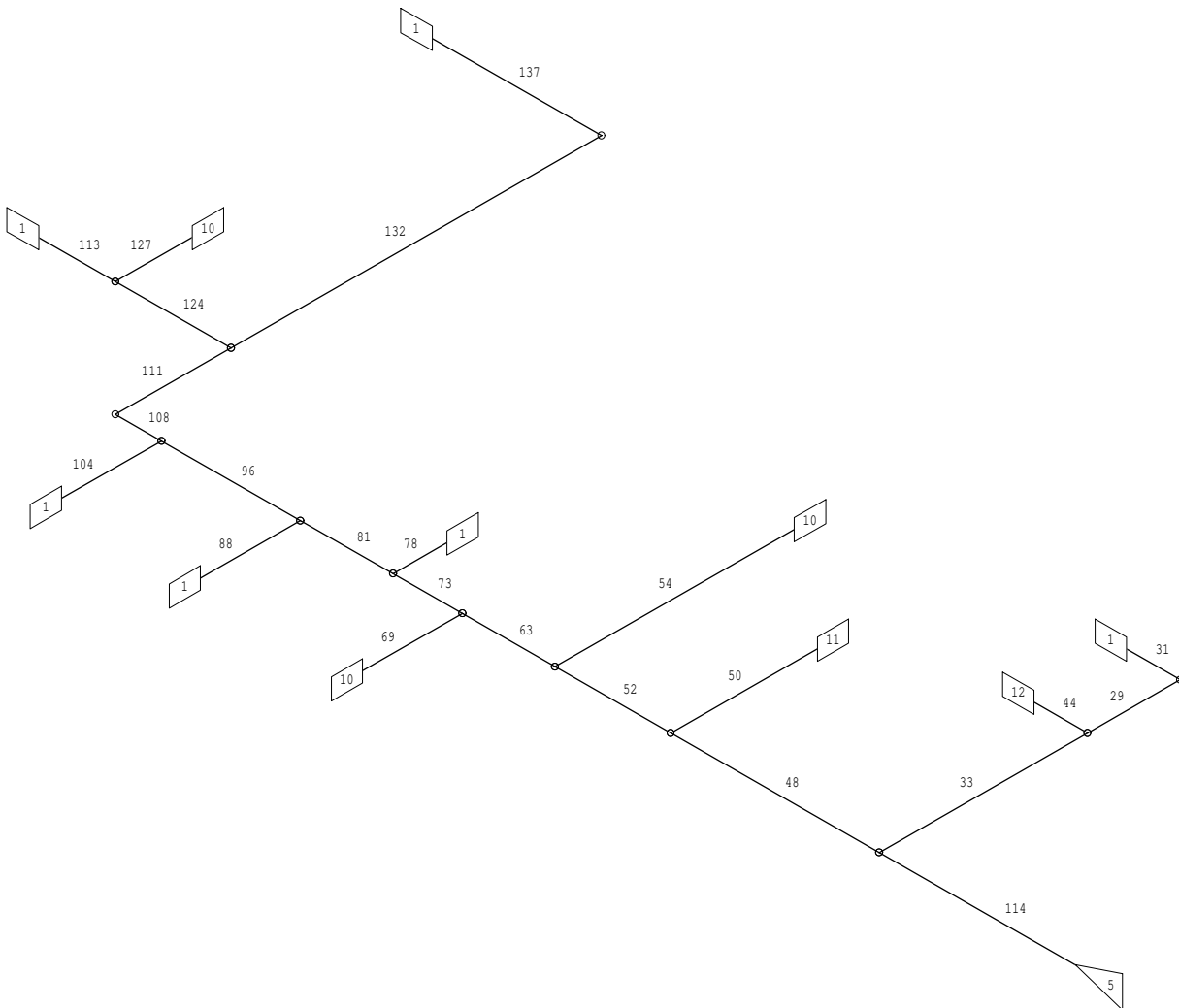
Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
Projectnummer: Voorbeeld Pagina 5
Projectnaam : vabi-vuilwaterberekening.PRJ
Technicus : DR Engineering
Datum : 27 april 2021 Tijd : 10:53:18
Omschrijving : Vabi Vuilwaterberekening



Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
Projectnummer: Voorbeeld Pagina 6
Projectnaam : vabi-vuilwaterberekening.PRJ
Technicus : DR Engineering
Datum : 27 april 2021 Tijd : 10:53:18
Omschrijving : Vabi Vuilwaterberekening



Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
Projectnummer: Voorbeeld Pagina 7
Projectnaam : vabi-vuilwaterberekening.PRJ
Technicus : DR Engineering
Datum : 27 april 2021 Tijd : 10:53:18
Omschrijving : Vabi Vuilwaterberekening



DR Engineering

Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
 Projectnummer: Voorbeeld Pagina 8
 Projectnaam : vabi-vuilwaterberekening.PRJ
 Technicus : DR Engineering
 Datum : 27 april 2021 Tijd : 10:53:18
 Omschrijving : Vabi Vuilwaterberekening

INVOERGEGEVENS

Hoofdleiding

| nr | naam | sub | komt | Al | aftak | app | aan | Q | lengte | afm. | grens | red | Hlp |
|-----|------|-----|------|-----|-------|-----|-----|-------|--------|------|-------|-----|--------|
| | | tak | van | Srt | | no | tal | | m | | nr | | aantal |
| 249 | | | | 2 | T (d) | | | | 2.3 | | 2 | | |
| 172 | | | 249 | 1 | B (d) | | | | 1.0 | | (1) | | |
| 173 | | | 172 | | | 7 | 1 | 300.0 | 1 | 4.0 | (1) | | |
| 293 | | | 249 | 2 | T (d) | | | | 2.0 | | 2 | | |
| 196 | | | 293 | 1 | V | | | | 0.0 | | (1) | | |
| 247 | 4 | | 196 | 2 | T (d) | | | | 1.0 | | 2 | | |
| 107 | 4 | | 247 | 1 | B (d) | | | | 1.3 | | (1) | | |
| 237 | 4 | | 107 | 2 | T (d) | | | | 1.5 | | (1) | | |
| 92 | 4 | | 237 | 1 | B (d) | | | | 1.0 | | (1) | | |
| 91 | 4 | | 92 | 1 | V | | | | 0.3 | | (1) | | |
| 90 | 4 | | 91 | | | 2 | 1 | 105.0 | 1 | 0.2 | (1) | | |
| 238 | 4 | | 237 | 2 | T (d) | | | | 4.1 | | (1) | | |
| 195 | 4 | | 238 | 1 | B (d) | | | | 0.8 | | (1) | | |
| 40 | 4 | | 195 | 1 | B (d) | | | | 1.0 | | (1) | | |
| 39 | 4 | | 40 | 1 | V | | | | 0.3 | | (1) | | |
| 38 | 4 | | 39 | | | 2 | 1 | 105.0 | 1 | 0.2 | (1) | | |
| 225 | 4 | | 238 | 2 | T (d) | | | | 1.1 | | (1) | | |
| 80 | 4 | | 225 | 1 | B (d) | | | | 2.6 | | (1) | | |
| 79 | 4 | | 80 | 1 | V | | | | 0.2 | | (1) | | |
| 41 | 4 | | 79 | | | 6 | 1 | 45.0 | 1 | 1.8 | (1) | | |
| 226 | 4 | | 225 | 2 | T (d) | | | | 0.5 | | (1) | | |
| 77 | 4 | | 226 | 1 | B (d) | | | | 0.2 | | (1) | | |
| 76 | 4 | | 77 | 1 | V | | | | 0.2 | | (1) | | |
| 37 | 4 | | 76 | | | 4 | 1 | 30.0 | 1 | 1.8 | (1) | | |
| 223 | 4 | | 226 | 1 | B (d) | | | | 2.2 | | (1) | | |
| 221 | 4 | | 223 | 2 | T (d) | | | | 5.9 | | (1) | | |
| 75 | 4 | | 221 | 1 | B (d) | | | | 1.0 | | (1) | | |
| 74 | 4 | | 75 | 1 | B (d) | | | | 0.5 | | (1) | | |
| 72 | 4 | | 74 | | | 5 | 1 | 45.0 | 1 | 1.8 | (1) | | |
| 222 | 4 | | 221 | 1 | B (d) | | | | 0.5 | | (1) | | |
| 71 | 4 | | 222 | | | 5 | 1 | 45.0 | 1 | 1.8 | (1) | | |
| 248 | 4 | | 247 | 2 | T (d) | | | | 1.0 | | 2 | | |
| 106 | 4 | | 248 | 1 | B (d) | | | | 1.3 | | (1) | | |
| 93 | 4 | | 106 | | | 6 | 1 | 45.0 | 1 | 2.5 | (1) | | |
| 245 | 4 | | 248 | 2 | T (d) | | | | 0.8 | | 2 | | |
| 105 | 4 | | 245 | 1 | B (d) | | | | 1.1 | | (1) | | |
| 89 | 4 | | 105 | | | 4 | 1 | 30.0 | 1 | 2.5 | (1) | | |
| 297 | 4 | | 245 | 2 | T (d) | | | | 2.0 | | 2 | | |
| 290 | 4 | | 297 | 2 | T (d) | | | | 3.7 | | (1) | | |
| 219 | 4 | | 290 | 2 | T (d) | | | | 1.5 | | (1) | | |
| 70 | 4 | | 219 | 1 | B (d) | | | | 0.5 | | (1) | | |
| 62 | 4 | | 70 | | | 4 | 1 | 30.0 | 1 | 2.5 | (1) | | |
| 220 | 4 | | 219 | 1 | B (d) | | | | 0.8 | | (1) | | |

DR Engineering

Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
 Projectnummer: Voorbeeld Pagina 9
 Projectnaam : vabi-vuilwaterberekening.PRJ
 Technicus : DR Engineering
 Datum : 27 april 2021 Tijd : 10:53:18
 Omschrijving : Vabi Vuilwaterberekening

INVOERGEGEVENS

Hoofdleiding

| nr | naam | sub | komt | Al | aftak | app | aan | Q | lengte | afm. | grens | red | Hlp |
|-----|------|-----|------|-----|-------|-----|-----|------|--------|------|-------|-----|--------|
| | tak | van | | Srt | | no | tal | | m | | nr | | aantal |
| 68 | 4 | 220 | 1 | B | (d) | | | | 0.5 | | (| 1) | |
| 61 | 4 | 68 | | | | 4 | 1 | 30.0 | 1 | 2.5 | (| 1) | |
| 289 | 4 | 290 | 2 | T | (d) | | | | 3.5 | | (| 1) | |
| 98 | 4 | 289 | 1 | B | (d) | | | | 1.0 | | (| 1) | |
| 97 | 4 | 98 | 1 | B | (d) | | | | 0.5 | | (| 1) | |
| 95 | 4 | 97 | | | | 5 | 1 | 45.0 | 1 | 2.5 | (| 1) | |
| 240 | 4 | 289 | 1 | B | (d) | | | | 0.5 | | (| 1) | |
| 94 | 4 | 240 | | | | 5 | 1 | 45.0 | 1 | 2.5 | (| 1) | |
| 298 | 4 | 297 | 2 | T | (d) | | | | 1.0 | | | 2 | |
| 241 | 4 | 298 | 2 | T | (d) | | | | 2.3 | | (| 1) | |
| 103 | 4 | 241 | 1 | B | (d) | | | | 0.3 | | (| 1) | |
| 102 | 4 | 103 | 1 | B | (d) | | | | 0.5 | | (| 1) | |
| 101 | 4 | 102 | 1 | V | | | | | 0.2 | | (| 1) | |
| 100 | 4 | 101 | 1 | V | | | | | 1.7 | | (| 1) | |
| 235 | 4 | 100 | 2 | T | (d) | | | | 0.3 | | (| 1) | |
| 87 | 4 | 235 | | | | 4 | 1 | 30.0 | 1 | 0.8 | (| 1) | |
| 236 | 4 | 235 | 2 | T | (d) | | | | 0.8 | | (| 1) | |
| 86 | 4 | 236 | | | | 4 | 1 | 30.0 | 1 | 0.8 | (| 1) | |
| 233 | 4 | 236 | 2 | T | (d) | | | | 1.1 | | (| 1) | |
| 85 | 4 | 233 | | | | 3 | 1 | 45.0 | 1 | 0.5 | (| 1) | |
| 232 | 4 | 233 | 2 | T | (d) | | | | 0.8 | | (| 1) | |
| 84 | 4 | 232 | | | | 3 | 1 | 45.0 | 1 | 0.5 | (| 1) | |
| 229 | 4 | 232 | 2 | T | (d) | | | | 0.8 | | (| 1) | |
| 83 | 4 | 229 | | | | 3 | 1 | 45.0 | 1 | 0.5 | (| 1) | |
| 228 | 4 | 229 | 1 | V | | | | | 0.8 | | (| 1) | |
| 82 | 4 | 228 | | | | 3 | 1 | 45.0 | 1 | 0.5 | (| 1) | |
| 242 | 4 | 241 | 1 | B | (d) | | | | 0.5 | | (| 1) | |
| 99 | 4 | 242 | 1 | V | | | | | 6.5 | | (| 1) | |
| 187 | 4 | 99 | 2 | T | (d) | | | | 0.5 | | (| 1) | |
| 27 | 4 | 187 | | | | 4 | 1 | 30.0 | 1 | 0.8 | (| 1) | |
| 188 | 4 | 187 | 2 | T | (d) | | | | 0.8 | | (| 1) | |
| 26 | 4 | 188 | | | | 4 | 1 | 30.0 | 1 | 0.8 | (| 1) | |
| 185 | 4 | 188 | 2 | T | (d) | | | | 1.1 | | (| 1) | |
| 25 | 4 | 185 | | | | 3 | 1 | 45.0 | 1 | 0.5 | (| 1) | |
| 184 | 4 | 185 | 2 | T | (d) | | | | 0.8 | | (| 1) | |
| 24 | 4 | 184 | | | | 3 | 1 | 45.0 | 1 | 0.5 | (| 1) | |
| 181 | 4 | 184 | 2 | T | (d) | | | | 0.8 | | (| 1) | |
| 23 | 4 | 181 | | | | 3 | 1 | 45.0 | 1 | 0.5 | (| 1) | |
| 180 | 4 | 181 | 1 | V | | | | | 0.8 | | (| 1) | |
| 22 | 4 | 180 | | | | 3 | 1 | 45.0 | 1 | 0.5 | (| 1) | |
| 291 | 4 | 298 | 2 | T | (d) | | | | 2.3 | | | 2 | |
| 64 | 4 | 291 | 1 | B | (d) | | | | 0.8 | | (| 1) | |
| 49 | 4 | 64 | 2 | T | (d) | | | | 1.7 | | (| 1) | |

DR Engineering

Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
 Projectnummer: Voorbeeld Pagina 10
 Projectnaam : vabi-vuilwaterberekening.PRJ
 Technicus : DR Engineering
 Datum : 27 april 2021 Tijd : 10:53:18
 Omschrijving : Vabi Vuilwaterberekening

INVOERGEGEVENS

Hoofdleiding

| nr | naam | sub | komt | Al | aftak | app | aan | Q | lengte | afm. | grens | red | Hlp |
|-----|------|-----|------|-----|-------|-----|-----|-------|--------|------|-------|-----|--------|
| | tak | van | | Srt | | no | tal | | m | | nr | | aantal |
| 201 | 4 | 49 | | | | 2 | 1 | 105.0 | 1 | 0.2 | (| 1) | |
| 202 | 4 | 49 | | | | 2 | 1 | 105.0 | 1 | 0.2 | (| 1) | |
| 213 | 4 | 291 | 2 | | T (d) | | | | | 1.1 | | 2 | |
| 65 | 4 | 213 | 1 | | B (d) | | | | | 0.8 | (| 1) | |
| 51 | 4 | 65 | 2 | | T (d) | | | | | 1.7 | (| 1) | |
| 203 | 4 | 51 | | | | 2 | 1 | 105.0 | 1 | 0.2 | (| 1) | |
| 204 | 4 | 51 | | | | 2 | 1 | 105.0 | 1 | 0.2 | (| 1) | |
| 216 | 4 | 213 | 2 | | T (d) | | | | | 1.2 | | 2 | |
| 66 | 4 | 216 | 1 | | B (d) | | | | | 0.8 | (| 1) | |
| 53 | 4 | 66 | 2 | | T (d) | | | | | 1.7 | (| 1) | |
| 205 | 4 | 53 | | | | 2 | 1 | 105.0 | 1 | 0.2 | (| 1) | |
| 206 | 4 | 53 | | | | 2 | 1 | 105.0 | 1 | 0.2 | (| 1) | |
| 217 | 4 | 216 | 2 | | T (d) | | | | | 0.4 | | 2 | |
| 67 | 4 | 217 | 1 | | B (d) | | | | | 0.8 | (| 1) | |
| 42 | 4 | 67 | 2 | | T (d) | | | | | 5.4 | (| 1) | |
| 60 | 4 | 42 | 1 | | B (d) | | | | | 0.1 | (| 1) | |
| 59 | 4 | 60 | 1 | | B (d) | | | | | 0.1 | (| 1) | |
| 45 | 4 | 59 | 1 | | B (d) | | | | | 0.4 | (| 1) | |
| 200 | 4 | 45 | 2 | | T (d) | | | | | 0.4 | (| 1) | |
| 47 | 4 | 200 | 1 | | B (d) | | | | | 0.5 | (| 1) | |
| 34 | 4 | 47 | 2 | | T (d) | | | | | 1.0 | (| 1) | |
| 193 | 4 | 34 | | | | 2 | 1 | 105.0 | 1 | 0.2 | (| 1) | |
| 194 | 4 | 34 | | | | 2 | 1 | 105.0 | 1 | 0.2 | (| 1) | |
| 199 | 4 | 200 | 2 | | T (d) | | | | | 1.2 | (| 1) | |
| 46 | 4 | 199 | 1 | | B (d) | | | | | 0.5 | (| 1) | |
| 32 | 4 | 46 | 2 | | T (d) | | | | | 1.0 | (| 1) | |
| 191 | 4 | 32 | | | | 2 | 1 | 105.0 | 1 | 0.2 | (| 1) | |
| 192 | 4 | 32 | | | | 2 | 1 | 105.0 | 1 | 0.2 | (| 1) | |
| 198 | 4 | 199 | 1 | | B (d) | | | | | 1.1 | (| 1) | |
| 43 | 4 | 198 | 1 | | B (d) | | | | | 0.5 | (| 1) | |
| 30 | 4 | 43 | 2 | | T (d) | | | | | 1.0 | (| 1) | |
| 189 | 4 | 30 | | | | 2 | 1 | 105.0 | 1 | 0.2 | (| 1) | |
| 190 | 4 | 30 | | | | 2 | 1 | 105.0 | 1 | 0.2 | (| 1) | |
| 210 | 4 | 42 | 1 | | B (d) | | | | | 0.1 | (| 1) | |
| 58 | 4 | 210 | 1 | | B (d) | | | | | 1.8 | (| 1) | |
| 57 | 4 | 58 | 1 | | B (d) | | | | | 3.8 | (| 1) | |
| 207 | 4 | 57 | 2 | | T (d) | | | | | 1.1 | (| 1) | |
| 56 | 4 | 207 | 1 | | B (d) | | | | | 0.8 | (| 1) | |
| 55 | 4 | 56 | 1 | | B (d) | | | | | 0.5 | (| 1) | |
| 36 | 4 | 55 | | | | 4 | 1 | 30.0 | 1 | 1.8 | (| 1) | |
| 208 | 4 | 207 | 1 | | B (d) | | | | | 0.5 | (| 1) | |
| 35 | 4 | 208 | | | | 4 | 1 | 30.0 | 1 | 1.8 | (| 1) | |
| 218 | 4 | 217 | 1 | | B (d) | | | | | 9.1 | 69.00 | (| 1) |

DR Engineering

Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
 Projectnummer: Voorbeeld Pagina 11
 Projectnaam : vabi-vuilwaterberekening.PRJ
 Technicus : DR Engineering
 Datum : 27 april 2021 Tijd : 10:53:18
 Omschrijving : Vabi Vuilwaterberekening

INVOERGEGEVENS

Hoofdleiding

| nr | naam | sub | komt | Al | aftak | app | aan | Q | lengte | afm. | grens | red | Hlp |
|-----|------|-----|------|-----|-------|-----|-----|------|--------|-------|-------|-----|--------|
| | tak | van | | Srt | | no | tal | | m | | nr | | aantal |
| 110 | 4 | 218 | 1 | B | (d) | | | | 8.6 | 69.00 | (| 1) | |
| 109 | 4 | 110 | | | | | | | 1.5 | 69.00 | (| 1) | |
| 294 | | 293 | 2 | T | (d) | | | | 17.6 | | | 2 | |
| 160 | | 294 | 1 | V | | | | | 2.3 | 69.00 | (| 1) | |
| 164 | | 160 | | | | | | | 1.5 | 69.00 | (| 1) | |
| 285 | | 294 | 1 | B | (d) | | | | 4.3 | | | 2 | |
| 284 | | 285 | 2 | T | (d) | | | | 28.0 | | | 2 | |
| 159 | | 284 | 1 | B | (d) | | | | 7.1 | | (| 1) | |
| 162 | | 159 | | | | 8 | 1 | 40.0 | 1 | 1.5 | | (| 1) |
| 287 | | 284 | 2 | T | (d) | | | | 4.7 | | | 2 | |
| 161 | | 287 | 1 | V | | | | | 0.0 | | (| 1) | |
| 114 | 5 | 161 | 2 | T | (d) | | | | 2.9 | | (| 1) | |
| 33 | 5 | 114 | 2 | T | (d) | | | | 2.8 | | (| 1) | |
| 29 | 5 | 33 | 1 | B | (d) | | | | 1.3 | | (| 1) | |
| 31 | 5 | 29 | | | | 1 | 1 | 45.0 | 1 | 0.9 | | (| 1) |
| 44 | 5 | 33 | | | | 12 | 1 | 45.0 | 1 | 0.9 | | (| 1) |
| 48 | 5 | 114 | 2 | T | (d) | | | | 2.7 | | (| 1) | |
| 50 | 5 | 48 | | | | 11 | 1 | 60.0 | 1 | 2.1 | | (| 1) |
| 52 | 5 | 48 | 2 | T | (d) | | | | 1.5 | | (| 1) | |
| 54 | 5 | 52 | | | | 10 | 1 | 30.0 | 1 | 3.3 | | (| 1) |
| 63 | 5 | 52 | 2 | T | (d) | | | | 1.4 | | (| 1) | |
| 69 | 5 | 63 | | | | 10 | 1 | 30.0 | 1 | 1.1 | | (| 1) |
| 73 | 5 | 63 | 2 | T | (d) | | | | 0.9 | | (| 1) | |
| 78 | 5 | 73 | | | | 1 | 1 | 45.0 | 1 | 0.9 | | (| 1) |
| 81 | 5 | 73 | 2 | T | (d) | | | | 1.2 | | (| 1) | |
| 88 | 5 | 81 | | | | 1 | 1 | 45.0 | 1 | 1.5 | | (| 1) |
| 96 | 5 | 81 | 2 | T | (d) | | | | 1.8 | | (| 1) | |
| 104 | 5 | 96 | | | | 1 | 1 | 45.0 | 1 | 1.5 | | (| 1) |
| 108 | 5 | 96 | 1 | B | (d) | | | | 0.6 | | (| 1) | |
| 111 | 5 | 108 | 2 | T | (d) | | | | 1.3 | | (| 1) | |
| 124 | 5 | 111 | 2 | T | (d) | | | | 1.7 | | (| 1) | |
| 113 | 5 | 124 | | | | 1 | 1 | 45.0 | 1 | 1.0 | | (| 1) |
| 127 | 5 | 124 | | | | 10 | 1 | 30.0 | 1 | 0.9 | | (| 1) |
| 132 | 5 | 111 | 1 | B | (d) | | | | 4.7 | | (| 1) | |
| 137 | 5 | 132 | | | | 1 | 1 | 45.0 | 1 | 2.7 | | (| 1) |
| 288 | | 287 | 2 | T | (d) | | | | 12.3 | | | 2 | |
| 158 | | 288 | 1 | B | (d) | | | | 15.6 | 69.00 | (| 1) | |
| 163 | | 158 | | | | | | | 1.5 | 69.00 | (| 1) | |
| 168 | | 288 | 1 | V | | | | | 0.0 | | (| 1) | |
| 296 | 3 | 168 | 2 | T | (d) | | | | 14.7 | | | 2 | |
| 268 | 3 | 296 | 2 | T | (d) | | | | 2.2 | | (| 1) | |
| 146 | 3 | 268 | 1 | B | (d) | | | | 1.5 | | (| 1) | |
| 145 | 3 | 146 | 1 | B | (d) | | | | 1.0 | | (| 1) | |

DR Engineering

Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
 Projectnummer: Voorbeeld Pagina 12
 Projectnaam : vabi-vuilwaterberekening.PRJ
 Technicus : DR Engineering
 Datum : 27 april 2021 Tijd : 10:53:18
 Omschrijving : Vabi Vuilwaterberekening

INVOERGEGEVENS

Hoofdleiding

| nr | naam | sub | komt | Al | aftak | app | aan | Q | lengte | afm. | grens | red | Hlp |
|-----|------|-----|-------|-----|-------|-----|-----|---------|--------|--------|-------|-----|--------|
| | | tak | van | Srt | | no | tal | | m | | nr | | aantal |
| 140 | | 3 | 145 | | | | 2 1 | 105.0 1 | 1.7 | | (1) | | |
| 267 | | 3 | 268 2 | | T (d) | | | | 0.5 | | (1) | | |
| 144 | | 3 | 267 1 | | B (d) | | | | 0.4 | | (1) | | |
| 143 | | 3 | 144 1 | | B (d) | | | | 0.5 | | (1) | | |
| 141 | | 3 | 143 | | | | 2 1 | 105.0 1 | 1.7 | | (1) | | |
| 266 | | 3 | 267 2 | | T (d) | | | | 0.6 | | (1) | | |
| 261 | | 3 | 266 1 | | B (d) | | | | 6.3 | | (1) | | |
| 177 | | 3 | 261 2 | | T (d) | | | | 0.4 | | (1) | | |
| 17 | | 3 | 177 1 | | B (d) | | | | 0.3 | | (1) | | |
| 16 | | 3 | 17 | | | | 2 1 | 105.0 1 | 0.2 | | (1) | | |
| 178 | | 3 | 177 1 | | V | | | | 1.1 | | (1) | | |
| 14 | | 3 | 178 1 | | B (d) | | | | 0.3 | | (1) | | |
| 13 | | 3 | 14 | | | | 2 1 | 105.0 1 | 0.2 | | (1) | | |
| 262 | | 3 | 266 1 | | B (d) | | | | 2.1 | | (1) | | |
| 2 | | 3 | 262 1 | | V | | | | 3.0 | | (1) | | |
| 12 | | 3 | 2 1 | | B (d) | | | | 3.0 | 103.60 | (1) | | |
| 15 | | 3 | 12 | | | | 7 1 | 300.0 1 | 0.3 | 103.60 | (1) | | |
| 295 | | 3 | 296 2 | | T (d) | | | | 0.4 | | 2 | | |
| 155 | | 3 | 295 1 | | B (d) | | | | 0.9 | | (1) | | |
| 134 | | 3 | 155 2 | | T (d) | | | | 2.5 | | (1) | | |
| 21 | | 3 | 134 1 | | B (d) | | | | 4.8 | | (1) | | |
| 115 | | 3 | 21 | | | | 4 1 | 30.0 1 | 0.2 | | (1) | | |
| 117 | | 3 | 134 | | | | 4 1 | 30.0 1 | 0.2 | | (1) | | |
| 277 | | 3 | 295 2 | | T (d) | | | | 0.8 | | 2 | | |
| 154 | | 3 | 277 1 | | B (d) | | | | 0.9 | | (1) | | |
| 135 | | 3 | 154 2 | | T (d) | | | | 2.5 | | (1) | | |
| 20 | | 3 | 135 1 | | B (d) | | | | 4.8 | | (1) | | |
| 116 | | 3 | 20 | | | | 4 1 | 30.0 1 | 0.2 | | (1) | | |
| 118 | | 3 | 135 | | | | 4 1 | 30.0 1 | 0.2 | | (1) | | |
| 280 | | 3 | 277 2 | | T (d) | | | | 4.6 | | 2 | | |
| 157 | | 3 | 280 1 | | B (d) | | | | 2.8 | | (1) | | |
| 156 | | 3 | 157 | | | | 4 1 | 30.0 1 | 2.5 | | (1) | | |
| 279 | | 3 | 280 2 | | T (d) | | | | 3.0 | | 2 | | |
| 148 | | 3 | 279 1 | | B (d) | | | | 0.8 | | (1) | | |
| 131 | | 3 | 148 | | | | 2 1 | 105.0 1 | 1.7 | | (1) | | |
| 271 | | 3 | 279 2 | | T (d) | | | | 0.6 | | 2 | | |
| 150 | | 3 | 271 1 | | B (d) | | | | 0.8 | | (1) | | |
| 149 | | 3 | 150 1 | | V | | | | 0.6 | | (1) | | |
| 130 | | 3 | 149 | | | | 2 1 | 105.0 1 | 1.7 | | (1) | | |
| 274 | | 3 | 271 2 | | T (d) | | | | 0.6 | | 2 | | |
| 153 | | 3 | 274 1 | | B (d) | | | | 0.4 | | (1) | | |
| 152 | | 3 | 153 1 | | B (d) | | | | 0.4 | | (1) | | |
| 151 | | 3 | 152 1 | | B (d) | | | | 0.5 | | (1) | | |

DR Engineering

Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
 Projectnummer: Voorbeeld Pagina 13
 Projectnaam : vabi-vuilwaterberekening.PRJ
 Technicus : DR Engineering
 Datum : 27 april 2021 Tijd : 10:53:18
 Omschrijving : Vabi Vuilwaterberekening

INVOERGEGEVENS

Hoofdleiding

| nr | naam | sub | komt | Al | aftak | app | aan | Q | lengte | afm. | grens | red | Hlp |
|-----|------|-----|------|----|-------|-----|-----|-------|--------|------|-------|-----|--------|
| | tak | van | Srt | | no | tal | | | m | | nr | | aantal |
| 129 | 3 | 151 | 2 | T | (d) | | | | 5.5 | | (| 1) | |
| 128 | 3 | 129 | 1 | B | (d) | | | | 0.9 | | (| 1) | |
| 259 | 3 | 128 | 2 | T | (d) | | | | 3.5 | | (| 1) | |
| 125 | 3 | 259 | 1 | B | (d) | | | | 1.5 | | (| 1) | |
| 18 | 3 | 125 | | | | 4 | 1 | 30.0 | 1 | 1.8 | (| 1) | |
| 260 | 3 | 259 | 1 | B | (d) | | | | 1.0 | | (| 1) | |
| 126 | 3 | 260 | 1 | B | (d) | | | | 1.5 | | (| 1) | |
| 19 | 3 | 126 | | | | 4 | 1 | 30.0 | 1 | 1.8 | (| 1) | |
| 167 | 3 | 129 | 1 | B | (d) | | | | 0.8 | | (| 1) | |
| 165 | 3 | 167 | 2 | T | (d) | | | | 0.4 | | (| 1) | |
| 5 | 3 | 165 | 1 | B | (d) | | | | 0.3 | | (| 1) | |
| 3 | 3 | 5 | | | | 2 | 1 | 105.0 | 1 | 0.2 | (| 1) | |
| 166 | 3 | 165 | 1 | V | | | | | 1.1 | | (| 1) | |
| 4 | 3 | 166 | 1 | B | (d) | | | | 0.3 | | (| 1) | |
| 1 | 3 | 4 | | | | 2 | 1 | 105.0 | 1 | 0.2 | (| 1) | |
| 273 | 3 | 274 | 1 | B | (d) | | | | 0.4 | | (| 1) | |
| 263 | 3 | 273 | 2 | T | (d) | | | | 2.6 | | (| 1) | |
| 139 | 3 | 263 | 1 | B | (d) | | | | 0.2 | | (| 1) | |
| 138 | 3 | 139 | 1 | B | (d) | | | | 0.5 | | (| 1) | |
| 136 | 3 | 138 | 1 | V | | | | | 1.7 | | (| 1) | |
| 252 | 3 | 136 | 2 | T | (d) | | | | 0.3 | | (| 1) | |
| 119 | 3 | 252 | | | | 3 | 1 | 45.0 | 1 | 0.5 | (| 1) | |
| 253 | 3 | 252 | 2 | T | (d) | | | | 0.8 | | (| 1) | |
| 120 | 3 | 253 | | | | 3 | 1 | 45.0 | 1 | 0.5 | (| 1) | |
| 256 | 3 | 253 | 2 | T | (d) | | | | 0.8 | | (| 1) | |
| 121 | 3 | 256 | | | | 3 | 1 | 45.0 | 1 | 0.5 | (| 1) | |
| 257 | 3 | 256 | 2 | T | (d) | | | | 1.7 | | (| 1) | |
| 122 | 3 | 257 | | | | 4 | 1 | 30.0 | 1 | 0.8 | (| 1) | |
| 258 | 3 | 257 | 1 | V | | | | | 0.8 | | (| 1) | |
| 123 | 3 | 258 | | | | 4 | 1 | 30.0 | 1 | 0.8 | (| 1) | |
| 264 | 3 | 263 | 1 | B | (d) | | | | 0.5 | | (| 1) | |
| 133 | 3 | 264 | 1 | V | | | | | 6.5 | | (| 1) | |
| 170 | 3 | 133 | 2 | T | (d) | | | | 0.4 | | (| 1) | |
| 7 | 3 | 170 | | | | 3 | 1 | 45.0 | 1 | 0.5 | (| 1) | |
| 171 | 3 | 170 | 2 | T | (d) | | | | 0.8 | | (| 1) | |
| 8 | 3 | 171 | | | | 3 | 1 | 45.0 | 1 | 0.5 | (| 1) | |
| 174 | 3 | 171 | 2 | T | (d) | | | | 0.8 | | (| 1) | |
| 9 | 3 | 174 | | | | 3 | 1 | 45.0 | 1 | 0.5 | (| 1) | |
| 175 | 3 | 174 | 2 | T | (d) | | | | 1.7 | | (| 1) | |
| 10 | 3 | 175 | | | | 4 | 1 | 30.0 | 1 | 0.8 | (| 1) | |
| 176 | 3 | 175 | 1 | V | | | | | 0.8 | | (| 1) | |
| 11 | 3 | 176 | | | | 4 | 1 | 30.0 | 1 | 0.8 | (| 1) | |

DR Engineering

Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
 Projectnummer: Voorbeeld Pagina 14
 Projectnaam : vabi-vuilwaterberekening.PRJ
 Technicus : DR Engineering
 Datum : 27 april 2021 Tijd : 10:53:18
 Omschrijving : Vabi Vuilwaterberekening

RESULTATEN

Hoofdleiding

| nr. | naam | toestel | Q | leid | lengte | Qm | drukval | lengte | diameter | afm | ontwerp | fB | Chezy |
|-----|------|---------|-----|------|--------|------|---------|--------|------------------------|-------|---------|------|-------|
| | nr | Srt | inv | Srt | m | kg/s | kPa | equi. | mat | mm | red | mm | |
| 249 | | | | VL | 2.30 | 5.00 | | | PVC 118.6 DN 125 (2003 | 111.1 | 0.85 | 45.4 | |
| 172 | | | | VL | 1.00 | 5.00 | | | PVC 103.6 DN 110 (2003 | 97.6 | 0.85 | 44.4 | |
| 173 | 7 CV | 300.0 | | VL | 4.00 | 5.00 | | | PVC 103.6 DN 110 (2003 | 91.8 | 1.00 | 43.9 | |
| 293 | | | | VL | 2.05 | 5.00 | | | PVC 118.6 DN 125 (2003 | 111.1 | 0.85 | 45.4 | |
| 196 | | | | VL | 0.01 | 3.16 | | | PVC 103.6 DN 110 (2003 | 82.2 | 0.85 | 43.1 | |
| 247 | | | | VL | 1.00 | 3.16 | | | PVC 103.6 DN 110 (2003 | 93.6 | 0.85 | 44.1 | |
| 107 | | | | VL | 1.30 | 1.75 | | | PVC 103.6 DN 110 (2003 | 66.0 | 0.85 | 41.3 | |
| 237 | | | | SL | 1.45 | 1.75 | | | PVC 103.6 DN 110 (2003 | 55.9 | | | |
| 92 | | | | AL | 1.00 | 1.75 | | | PVC 103.6 DN 110 (2003 | 83.4 | | | |
| 91 | | | | AL | 0.25 | 1.75 | | | PVC 103.6 DN 110 (2003 | 83.4 | | | |
| 90 | 2 TE | 105.0 | | AL | 0.15 | 1.75 | | | PVC 103.6 DN 110 (2003 | 83.4 | | | |
| 238 | | | | SL | 4.05 | 1.75 | | | PVC 103.6 DN 110 (2003 | 55.9 | | | |
| 195 | | | | AL | 0.75 | 1.75 | | | PVC 103.6 DN 110 (2003 | 83.4 | | | |
| 40 | | | | AL | 1.00 | 1.75 | | | PVC 103.6 DN 110 (2003 | 83.4 | | | |
| 39 | | | | AL | 0.25 | 1.75 | | | PVC 103.6 DN 110 (2003 | 83.4 | | | |
| 38 | 2 TE | 105.0 | | AL | 0.15 | 1.75 | | | PVC 103.6 DN 110 (2003 | 83.4 | | | |
| 225 | | | | VL | 1.15 | 0.83 | | | PVC 69.0 DN 75 (2003 | 50.0 | 0.85 | 39.2 | |
| 80 | | | | VL | 2.60 | 0.75 | | | PVC 69.0 DN 75 (2003 | 48.2 | 0.85 | 38.9 | |
| 79 | | | | AL | 0.15 | 0.75 | | | PVC 69.0 DN 75 (2003 | 49.2 | | | |
| 41 | 6 TE | 45.0 | | AL | 1.80 | 0.75 | | | PVC 69.0 DN 75 (2003 | 49.2 | | | |
| 226 | | | | VL | 0.50 | 0.75 | | | PVC 69.0 DN 75 (2003 | 48.2 | 0.85 | 38.9 | |
| 77 | | | | AL | 0.15 | 0.50 | | | PVC 44.0 DN 50 (2003 | 43.1 | | | |
| 76 | | | | AL | 0.15 | 0.50 | | | PVC 44.0 DN 50 (2003 | 43.1 | | | |
| 37 | 4 TE | 30.0 | | AL | 1.80 | 0.50 | | | PVC 44.0 DN 50 (2003 | 43.1 | | | |
| 223 | | | | VL | 2.15 | 0.75 | | | PVC 69.0 DN 75 (2003 | 48.2 | 0.85 | 38.9 | |
| 221 | | | | VL | 5.90 | 0.75 | | | PVC 69.0 DN 75 (2003 | 48.2 | 0.85 | 38.9 | |
| 75 | | | | AL | 1.00 | 0.75 | | | PVC 69.0 DN 75 (2003 | 49.2 | | | |
| 74 | | | | AL | 0.50 | 0.75 | | | PVC 69.0 DN 75 (2003 | 49.2 | | | |
| 72 | 5 TE | 45.0 | | AL | 1.80 | 0.75 | | | PVC 69.0 DN 75 (2003 | 49.2 | | | |
| 222 | | | | AL | 0.50 | 0.75 | | | PVC 69.0 DN 75 (2003 | 49.2 | | | |
| 71 | 5 TE | 45.0 | | AL | 1.80 | 0.75 | | | PVC 69.0 DN 75 (2003 | 49.2 | | | |
| 248 | | | | VL | 1.00 | 2.90 | | | PVC 103.6 DN 110 (2003 | 90.7 | 0.85 | 43.8 | |
| 106 | | | | VL | 1.30 | 0.75 | | | PVC 69.0 DN 75 (2003 | 48.2 | 0.85 | 38.9 | |
| 93 | 6 TE | 45.0 | | AL | 2.50 | 0.75 | | | PVC 69.0 DN 75 (2003 | 49.2 | | | |
| 245 | | | | VL | 0.80 | 2.87 | | | PVC 103.6 DN 110 (2003 | 90.3 | 0.85 | 43.8 | |
| 105 | | | | VL | 1.15 | 0.50 | | | PVC 44.0 DN 50 (2003 | 41.5 | 0.85 | 37.7 | |
| 89 | 4 TE | 30.0 | | AL | 2.50 | 0.50 | | | PVC 44.0 DN 50 (2003 | 43.1 | | | |
| 297 | | | | VL | 2.00 | 2.85 | | | PVC 103.6 DN 110 (2003 | 90.0 | 0.85 | 43.8 | |
| 290 | | | | VL | 3.65 | 0.79 | | | PVC 69.0 DN 75 (2003 | 49.1 | 0.85 | 39.0 | |
| 219 | | | | VL | 1.50 | 0.50 | | | PVC 44.0 DN 50 (2003 | 41.5 | 0.85 | 37.7 | |
| 70 | | | | AL | 0.50 | 0.50 | | | PVC 44.0 DN 50 (2003 | 43.1 | | | |
| 62 | 4 TE | 30.0 | | AL | 2.50 | 0.50 | | | PVC 44.0 DN 50 (2003 | 43.1 | | | |
| 220 | | | | VL | 0.75 | 0.50 | | | PVC 44.0 DN 50 (2003 | 41.5 | 0.85 | 37.7 | |

DR Engineering

Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
 Projectnummer: Voorbeeld Pagina 15
 Projectnaam : vabi-vuilwaterberekening.PRJ
 Technicus : DR Engineering
 Datum : 27 april 2021 Tijd : 10:53:18
 Omschrijving : Vabi Vuilwaterberekening

RESULTATEN

Hoofdleiding

| nr. | naam | toestel | Q | leid | lengte | Qm | drukval | lengte | diameter | afm | ontwerp | fB | Chezy | |
|-----|------|---------|-----|------|--------|------|---------|--------|----------|-------|---------|----------|-------|-----------|
| | | nr | Srt | inv | Srt | m | kg/s | kPa | equi. | mat | mm | codering | red | mm |
| 68 | | | | AL | 0.50 | 0.50 | | | PVC | 44.0 | DN 50 | (2003 | 43.1 | |
| 61 | 4 TE | 30.0 | AL | 2.50 | 0.50 | | | | PVC | 44.0 | DN 50 | (2003 | 43.1 | |
| 289 | | | VL | 3.55 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 48.2 | 0.85 38.9 |
| 98 | | | VL | 1.00 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 48.2 | 0.85 38.9 |
| 97 | | | AL | 0.50 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 49.2 | |
| 95 | 5 TE | 45.0 | AL | 2.50 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 49.2 | |
| 240 | | | AL | 0.50 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 49.2 | |
| 94 | 5 TE | 45.0 | AL | 2.50 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 49.2 | |
| 298 | | | VL | 1.00 | 2.74 | | | | PVC | 103.6 | DN 110 | (2003 | 88.7 | 0.85 43.7 |
| 241 | | | VL | 2.35 | 1.41 | | | | PVC | 69.0 | DN 75 | (2003 | 61.0 | 0.85 40.7 |
| 103 | | | VL | 0.30 | 1.00 | | | | PVC | 69.0 | DN 75 | (2003 | 53.6 | 0.85 39.7 |
| 102 | | | VL | 0.50 | 1.00 | | | | PVC | 69.0 | DN 75 | (2003 | 53.6 | 0.85 39.7 |
| 101 | | | VL | 0.15 | 1.00 | | | | PVC | 69.0 | DN 75 | (2003 | 50.5 | 1.00 39.2 |
| 100 | | | SL | 1.70 | 1.00 | | | | PVC | 69.0 | DN 75 | (2003 | 42.3 | |
| 235 | | | VL | 0.35 | 1.00 | | | | PVC | 69.0 | DN 75 | (2003 | 50.5 | 1.00 39.2 |
| 87 | 4 TE | 30.0 | AL | 0.80 | 0.50 | | | | PVC | 44.0 | DN 50 | (2003 | 43.1 | |
| 236 | | | VL | 0.75 | 0.94 | | | | PVC | 69.0 | DN 75 | (2003 | 49.2 | 1.00 39.0 |
| 86 | 4 TE | 30.0 | AL | 0.80 | 0.50 | | | | PVC | 44.0 | DN 50 | (2003 | 43.1 | |
| 233 | | | VL | 1.10 | 0.87 | | | | PVC | 69.0 | DN 75 | (2003 | 47.8 | 1.00 38.8 |
| 85 | 3 SE | 45.0 | AL | 0.50 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 49.2 | |
| 232 | | | VL | 0.75 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 45.4 | 1.00 38.4 |
| 84 | 3 SE | 45.0 | AL | 0.50 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 49.2 | |
| 229 | | | VL | 0.75 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 45.4 | 1.00 38.4 |
| 83 | 3 SE | 45.0 | AL | 0.50 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 49.2 | |
| 228 | | | AL | 0.75 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 49.2 | |
| 82 | 3 SE | 45.0 | AL | 0.50 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 49.2 | |
| 242 | | | VL | 0.50 | 1.00 | | | | PVC | 69.0 | DN 75 | (2003 | 53.6 | 0.85 39.7 |
| 99 | | | SL | 6.50 | 1.00 | | | | PVC | 69.0 | DN 75 | (2003 | 42.3 | |
| 187 | | | VL | 0.50 | 1.00 | | | | PVC | 69.0 | DN 75 | (2003 | 50.5 | 1.00 39.2 |
| 27 | 4 TE | 30.0 | AL | 0.80 | 0.50 | | | | PVC | 44.0 | DN 50 | (2003 | 43.1 | |
| 188 | | | VL | 0.75 | 0.94 | | | | PVC | 69.0 | DN 75 | (2003 | 49.2 | 1.00 39.0 |
| 26 | 4 TE | 30.0 | AL | 0.80 | 0.50 | | | | PVC | 44.0 | DN 50 | (2003 | 43.1 | |
| 185 | | | VL | 1.10 | 0.87 | | | | PVC | 69.0 | DN 75 | (2003 | 47.8 | 1.00 38.8 |
| 25 | 3 SE | 45.0 | AL | 0.50 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 49.2 | |
| 184 | | | VL | 0.75 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 45.4 | 1.00 38.4 |
| 24 | 3 SE | 45.0 | AL | 0.50 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 49.2 | |
| 181 | | | VL | 0.75 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 45.4 | 1.00 38.4 |
| 23 | 3 SE | 45.0 | AL | 0.50 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 49.2 | |
| 180 | | | AL | 0.75 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 49.2 | |
| 22 | 3 SE | 45.0 | AL | 0.50 | 0.75 | | | | PVC | 69.0 | DN 75 | (2003 | 49.2 | |
| 291 | | | VL | 2.25 | 2.35 | | | | PVC | 103.6 | DN 110 | (2003 | 83.7 | 0.85 43.2 |
| 64 | | | VL | 0.75 | 1.75 | | | | PVC | 103.6 | DN 110 | (2003 | 66.0 | 0.85 41.3 |
| 49 | | | SL | 1.70 | 1.75 | | | | PVC | 103.6 | DN 110 | (2003 | 55.9 | |

DR Engineering

Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
 Projectnummer: Voorbeeld Pagina 16
 Projectnaam : vabi-vuilwaterberekening.PRJ
 Technicus : DR Engineering
 Datum : 27 april 2021 Tijd : 10:53:18
 Omschrijving : Vabi Vuilwaterberekening

RESULTATEN

Hoofdleiding

| nr. | naam | toestel | Q | leid | lengte | Qm | drukval | lengte | diameter | afm | ontwerp | fB | Chezy |
|-----|------|---------|-------|------|--------|------|---------|--------|------------------|-------|----------|------|-------|
| | nr | Srt | inv | Srt | m | kg/s | kPa | equi. | mat | mm | codering | red | mm |
| 201 | | 2 TE | 105.0 | AL | 0.20 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | |
| 202 | | 2 TE | 105.0 | AL | 0.20 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | |
| 213 | | | | VL | 1.10 | 2.15 | | | PVC 103.6 DN 110 | (2003 | 81.1 | 0.85 | 42.9 |
| 65 | | | | VL | 0.75 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 66.0 | 0.85 | 41.3 |
| 51 | | | | SL | 1.70 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 55.9 | | |
| 203 | | 2 TE | 105.0 | AL | 0.20 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | |
| 204 | | 2 TE | 105.0 | AL | 0.20 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | |
| 216 | | | | VL | 1.20 | 1.94 | | | PVC 103.6 DN 110 | (2003 | 77.9 | 0.85 | 42.6 |
| 66 | | | | VL | 0.75 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 66.0 | 0.85 | 41.3 |
| 53 | | | | SL | 1.70 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 55.9 | | |
| 205 | | 2 TE | 105.0 | AL | 0.20 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | |
| 206 | | 2 TE | 105.0 | AL | 0.20 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | |
| 217 | | | | VL | 0.45 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 75.1 | 0.85 | 42.3 |
| 67 | | | | VL | 0.75 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 66.0 | 0.85 | 41.3 |
| 42 | | | | SL | 5.40 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 55.9 | | |
| 60 | | | | VL | 0.10 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 66.0 | 0.85 | 41.3 |
| 59 | | | | SL | 0.10 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 55.9 | | |
| 45 | | | | VL | 0.40 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 66.0 | 0.85 | 41.3 |
| 200 | | | | VL | 0.45 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 66.0 | 0.85 | 41.3 |
| 47 | | | | VL | 0.50 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 66.0 | 0.85 | 41.3 |
| 34 | | | | SL | 1.00 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 55.9 | | |
| 193 | | 2 TE | 105.0 | AL | 0.20 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | |
| 194 | | 2 TE | 105.0 | AL | 0.20 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | |
| 199 | | | | VL | 1.20 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 66.0 | 0.85 | 41.3 |
| 46 | | | | VL | 0.50 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 66.0 | 0.85 | 41.3 |
| 32 | | | | SL | 1.00 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 55.9 | | |
| 191 | | 2 TE | 105.0 | AL | 0.20 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | |
| 192 | | 2 TE | 105.0 | AL | 0.20 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | |
| 198 | | | | VL | 1.10 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 66.0 | 0.85 | 41.3 |
| 43 | | | | VL | 0.50 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 66.0 | 0.85 | 41.3 |
| 30 | | | | SL | 1.00 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 55.9 | | |
| 189 | | 2 TE | 105.0 | AL | 0.20 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | |
| 190 | | 2 TE | 105.0 | AL | 0.20 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | |
| 210 | | | | SL | 0.10 | 0.50 | | | PVC 69.0 DN 75 | (2003 | 29.9 | | |
| 58 | | | | VL | 1.75 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 41.5 | 0.85 | 37.7 |
| 57 | | | | VL | 3.75 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 41.5 | 0.85 | 37.7 |
| 207 | | | | VL | 1.15 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 41.5 | 0.85 | 37.7 |
| 56 | | | | AL | 0.75 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 43.1 | | |
| 55 | | | | AL | 0.50 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 43.1 | | |
| 36 | | 4 TE | 30.0 | AL | 1.80 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 43.1 | | |
| 208 | | | | AL | 0.50 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 43.1 | | |
| 35 | | 4 TE | 30.0 | AL | 1.80 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 43.1 | | |
| 218 | | | | VL | 9.10 | 0.00 | | | PVC 69.0 DN 75 | (2003 | (0.0) | 0.85 | |

DR Engineering

Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
 Projectnummer: Voorbeeld Pagina 17
 Projectnaam : vabi-vuilwaterberekening.PRJ
 Technicus : DR Engineering
 Datum : 27 april 2021 Tijd : 10:53:18
 Omschrijving : Vabi Vuilwaterberekening

RESULTATEN

Hoofdleiding

| nr. | naam | toestel | Q | leid | lengte | Qm | drukval | lengte | diameter | afm | ontwerp | fB | Chezy |
|-----|------|---------|------|------|--------|------|---------|--------|----------|--------------|----------|---------|-----------|
| | nr | Srt | inv | Srt | m | kg/s | kPa | equi. | mat | mm | codering | red | mm |
| 110 | | | | VL | 8.55 | 0.00 | | | PVC | 69.0 DN 75 | (2003 | (0.0) | 0.85 |
| 109 | | | | AL | 1.50 | 0.00 | | | PVC | 69.0 DN 75 | (2003 | (29.0) | |
| 294 | | | | VL | 17.60 | 5.00 | | | PVC | 118.6 DN 125 | (2003 | 111.1 | 0.85 45.4 |
| 160 | | | | VL | 2.30 | 0.00 | | | PVC | 69.0 DN 75 | (2003 | (0.0) | 1.00 |
| 164 | | | | AL | 1.50 | 0.00 | | | PVC | 69.0 DN 75 | (2003 | (29.0) | |
| 285 | | | | VL | 4.35 | 5.00 | | | PVC | 118.6 DN 125 | (2003 | 111.1 | 0.85 45.4 |
| 284 | | | | VL | 28.00 | 5.00 | | | PVC | 118.6 DN 125 | (2003 | 111.1 | 0.85 45.4 |
| 159 | | | | VL | 7.10 | 0.67 | | | PVC | 69.0 DN 75 | (2003 | 46.1 | 0.85 38.5 |
| 162 | 8 | LOZ | 40.0 | AL | 1.50 | 0.67 | | | PVC | 69.0 DN 75 | (2003 | 47.1 | |
| 287 | | | | VL | 4.65 | 5.00 | | | PVC | 118.6 DN 125 | (2003 | 111.1 | 0.85 45.4 |
| 161 | | | | VL | 0.01 | 1.39 | | | PVC | 69.0 DN 75 | (2003 | 60.6 | 0.85 40.7 |
| 114 | | | | VL | 2.90 | 1.39 | | | PVC | 69.0 DN 75 | (2003 | 60.6 | 0.85 40.7 |
| 33 | | | | VL | 2.80 | 0.75 | | | PVC | 69.0 DN 75 | (2003 | 48.2 | 0.85 38.9 |
| 29 | | | | AL | 1.30 | 0.75 | | | PVC | 69.0 DN 75 | (2003 | 49.2 | |
| 31 | 1 | TE | 45.0 | AL | 0.90 | 0.75 | | | PVC | 69.0 DN 75 | (2003 | 49.2 | |
| 44 | 12 | TE | 45.0 | AL | 0.90 | 0.75 | | | PVC | 69.0 DN 75 | (2003 | 49.2 | |
| 48 | | | | VL | 2.70 | 1.25 | | | PVC | 69.0 DN 75 | (2003 | 58.2 | 0.85 40.4 |
| 50 | 11 | LOZ | 60.0 | AL | 2.10 | 1.00 | | | PVC | 69.0 DN 75 | (2003 | 56.2 | |
| 52 | | | | VL | 1.50 | 1.15 | | | PVC | 69.0 DN 75 | (2003 | 56.4 | 0.85 40.1 |
| 54 | 10 | TE | 30.0 | AL | 3.30 | 0.50 | | | PVC | 44.0 DN 50 | (2003 | 43.1 | |
| 63 | | | | VL | 1.40 | 1.09 | | | PVC | 69.0 DN 75 | (2003 | 55.3 | 0.85 40.0 |
| 69 | 10 | TE | 30.0 | AL | 1.10 | 0.50 | | | PVC | 44.0 DN 50 | (2003 | 43.1 | |
| 73 | | | | VL | 0.90 | 1.03 | | | PVC | 69.0 DN 75 | (2003 | 54.2 | 0.85 39.8 |
| 78 | 1 | TE | 45.0 | AL | 0.90 | 0.75 | | | PVC | 69.0 DN 75 | (2003 | 49.2 | |
| 81 | | | | VL | 1.20 | 0.94 | | | PVC | 69.0 DN 75 | (2003 | 52.3 | 0.85 39.5 |
| 88 | 1 | TE | 45.0 | AL | 1.50 | 0.75 | | | PVC | 69.0 DN 75 | (2003 | 49.2 | |
| 96 | | | | VL | 1.80 | 0.83 | | | PVC | 69.0 DN 75 | (2003 | 50.0 | 0.85 39.2 |
| 104 | 1 | TE | 45.0 | AL | 1.50 | 0.75 | | | PVC | 69.0 DN 75 | (2003 | 49.2 | |
| 108 | | | | VL | 0.60 | 0.75 | | | PVC | 69.0 DN 75 | (2003 | 48.2 | 0.85 38.9 |
| 111 | | | | VL | 1.30 | 0.75 | | | PVC | 69.0 DN 75 | (2003 | 48.2 | 0.85 38.9 |
| 124 | | | | VL | 1.70 | 0.75 | | | PVC | 69.0 DN 75 | (2003 | 45.4 | 1.00 38.4 |
| 113 | 1 | TE | 45.0 | AL | 1.00 | 0.75 | | | PVC | 69.0 DN 75 | (2003 | 49.2 | |
| 127 | 10 | TE | 30.0 | AL | 0.90 | 0.50 | | | PVC | 44.0 DN 50 | (2003 | 43.1 | |
| 132 | | | | VL | 4.70 | 0.75 | | | PVC | 69.0 DN 75 | (2003 | 48.2 | 0.85 38.9 |
| 137 | 1 | TE | 45.0 | AL | 2.70 | 0.75 | | | PVC | 69.0 DN 75 | (2003 | 49.2 | |
| 288 | | | | VL | 12.25 | 5.00 | | | PVC | 118.6 DN 125 | (2003 | 111.1 | 0.85 45.4 |
| 158 | | | | VL | 15.55 | 0.00 | | | PVC | 69.0 DN 75 | (2003 | (0.0) | 0.85 |
| 163 | | | | AL | 1.50 | 0.00 | | | PVC | 69.0 DN 75 | (2003 | (29.0) | |
| 168 | | | | VL | 0.01 | 5.00 | | | PVC | 118.6 DN 125 | (2003 | 97.6 | 0.85 44.4 |
| 296 | | | | VL | 14.70 | 5.00 | | | PVC | 118.6 DN 125 | (2003 | 111.1 | 0.85 45.4 |
| 268 | | | | VL | 2.20 | 5.00 | | | PVC | 103.6 DN 110 | (2003 | 97.6 | 0.85 44.4 |
| 146 | | | | VL | 1.50 | 1.75 | | | PVC | 103.6 DN 110 | (2003 | 66.0 | 0.85 41.3 |
| 145 | | | | AL | 1.00 | 1.75 | | | PVC | 103.6 DN 110 | (2003 | 83.4 | |

DR Engineering

Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
 Projectnummer: Voorbeeld Pagina 18
 Projectnaam : vabi-vuilwaterberekening.PRJ
 Technicus : DR Engineering
 Datum : 27 april 2021 Tijd : 10:53:18
 Omschrijving : Vabi Vuilwaterberekening

RESULTATEN

Hoofdleiding

| nr. | naam | toestel nr | Q Srt inv | leid lengte Srt m | Qm | | drukval kPa | lengte equi. | diameter mat mm | codering | afm red | ontwerp mm | fB | Chezy |
|-----|------|---------------|--------------|----------------------|------|------|----------------|-----------------|--------------------|----------|------------|---------------|------|-------|
| | | | | | kg/s | | | | | | | | | |
| 140 | | 2 TE | 105.0 | AL | 1.70 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | | |
| 267 | | | | VL | 0.50 | 5.00 | | | PVC 103.6 DN 110 | (2003 | 97.6 | 0.85 | 44.4 | |
| 144 | | | | AL | 0.40 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | | |
| 143 | | | | AL | 0.50 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | | |
| 141 | | 2 TE | 105.0 | AL | 1.70 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | | |
| 266 | | | | VL | 0.65 | 5.00 | | | PVC 103.6 DN 110 | (2003 | 97.6 | 0.85 | 44.4 | |
| 261 | | | | SL | 6.25 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 55.9 | | | |
| 177 | | | | VL | 0.40 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 66.0 | 0.85 | 41.3 | |
| 17 | | | | AL | 0.25 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | | |
| 16 | | 2 TE | 105.0 | AL | 0.15 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | | |
| 178 | | | | AL | 1.10 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | | |
| 14 | | | | AL | 0.25 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | | |
| 13 | | 2 TE | 105.0 | AL | 0.15 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | | |
| 262 | | | | VL | 2.10 | 5.00 | | | PVC 103.6 DN 110 | (2003 | 97.6 | 0.85 | 44.4 | |
| 2 | | | | VL | 3.00 | 5.00 | | | PVC 103.6 DN 110 | (2003 | 97.6 | 0.85 | 44.4 | |
| 12 | | | | AL | 3.00 | 5.00 | | | PVC 103.6 DN 110 | (2003 | (103.0) | | | |
| 15 | | 7 CV | 300.0 | AL | 0.30 | 5.00 | | | PVC 103.6 DN 110 | (2003 | (103.0) | | | |
| 295 | | | | VL | 0.40 | 2.06 | | | PVC 103.6 DN 110 | (2003 | 79.8 | 0.85 | 42.8 | |
| 155 | | | | VL | 0.95 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 41.5 | 0.85 | 37.7 | |
| 134 | | | | SL | 2.50 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 29.9 | | | |
| 21 | | | | VL | 4.80 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 41.5 | 0.85 | 37.7 | |
| 115 | | 4 TE | 30.0 | AL | 0.15 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 43.1 | | | |
| 117 | | 4 TE | 30.0 | AL | 0.15 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 43.1 | | | |
| 277 | | | | VL | 0.75 | 2.00 | | | PVC 103.6 DN 110 | (2003 | 78.9 | 0.85 | 42.7 | |
| 154 | | | | VL | 0.95 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 41.5 | 0.85 | 37.7 | |
| 135 | | | | SL | 2.50 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 29.9 | | | |
| 20 | | | | VL | 4.80 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 41.5 | 0.85 | 37.7 | |
| 116 | | 4 TE | 30.0 | AL | 0.15 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 43.1 | | | |
| 118 | | 4 TE | 30.0 | AL | 0.15 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 43.1 | | | |
| 280 | | | | VL | 4.55 | 1.94 | | | PVC 103.6 DN 110 | (2003 | 77.9 | 0.85 | 42.6 | |
| 157 | | | | VL | 2.80 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 41.5 | 0.85 | 37.7 | |
| 156 | | 4 TE | 30.0 | AL | 2.50 | 0.50 | | | PVC 44.0 DN 50 | (2003 | 43.1 | | | |
| 279 | | | | VL | 2.95 | 1.90 | | | PVC 103.6 DN 110 | (2003 | 77.5 | 0.85 | 42.6 | |
| 148 | | | | AL | 0.80 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | | |
| 131 | | 2 TE | 105.0 | AL | 1.70 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | | |
| 271 | | | | VL | 0.60 | 1.79 | | | PVC 103.6 DN 110 | (2003 | 75.6 | 0.85 | 42.4 | |
| 150 | | | | AL | 0.80 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | | |
| 149 | | | | AL | 0.55 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | | |
| 130 | | 2 TE | 105.0 | AL | 1.70 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 83.4 | | | |
| 274 | | | | VL | 0.55 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 75.1 | 0.85 | 42.3 | |
| 153 | | | | VL | 0.45 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 66.0 | 0.85 | 41.3 | |
| 152 | | | | VL | 0.45 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 66.0 | 0.85 | 41.3 | |
| 151 | | | | VL | 0.50 | 1.75 | | | PVC 103.6 DN 110 | (2003 | 66.0 | 0.85 | 41.3 | |

DR Engineering

Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
 Projectnummer: Voorbeeld Pagina 19
 Projectnaam : vabi-vuilwaterberekening.PRJ
 Technicus : DR Engineering
 Datum : 27 april 2021 Tijd : 10:53:18
 Omschrijving : Vabi Vuilwaterberekening

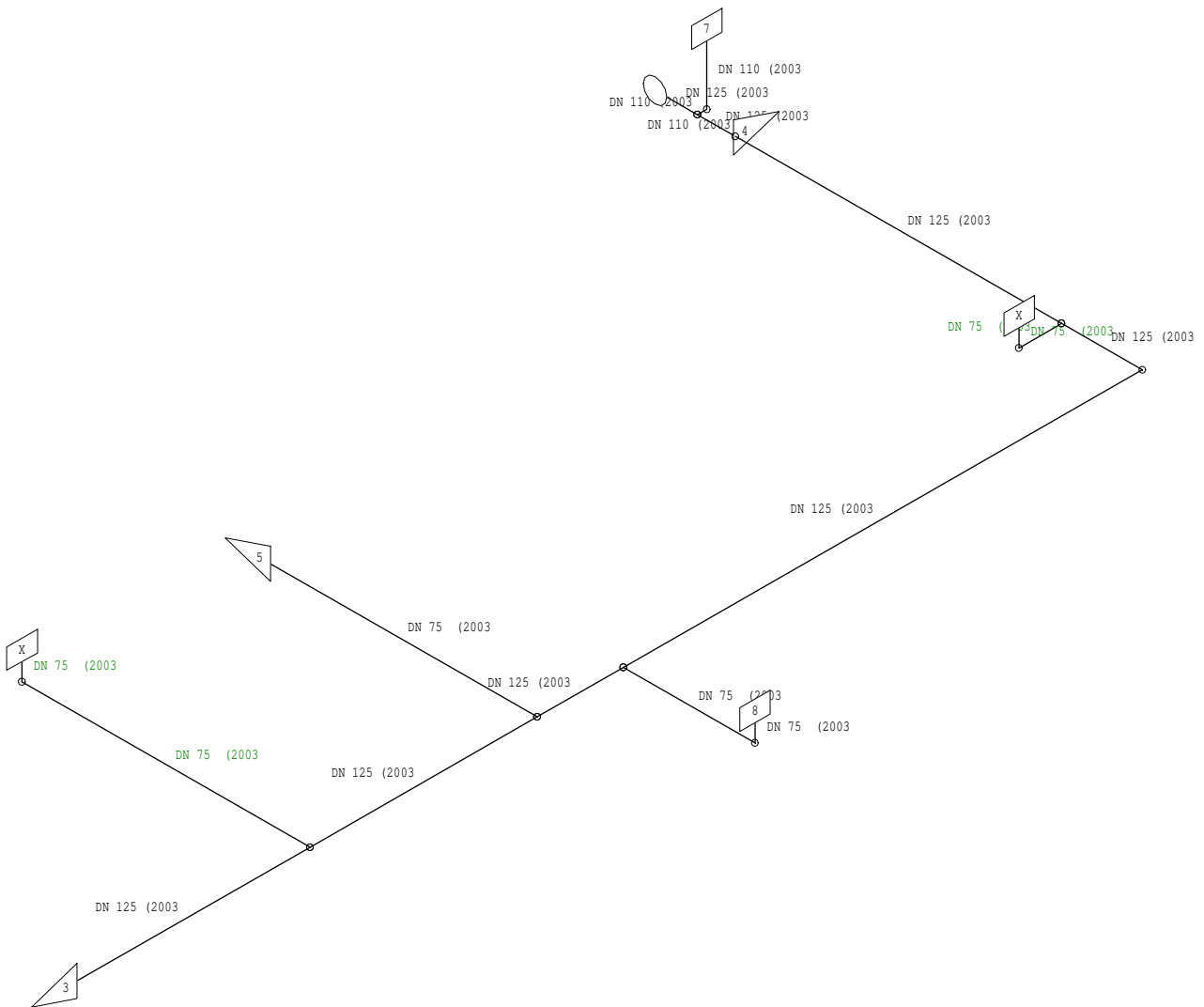
RESULTATEN

Hoofdleiding

| nr. | naam | toestel | Q | leid | lengte | Qm | drukval | lengte | diameter | afm | ontwerp | fB | Chezy |
|-----|------|---------|-------|------|--------|------|---------|--------|------------------------|-----|---------|------|-------|
| | nr | Srt | inv | Srt | m | kg/s | kPa | equi. | mat | mm | red | mm | |
| 129 | | | | SL | 5.50 | 1.75 | | | PVC 103.6 DN 110 (2003 | | 55.9 | | |
| 128 | | | | VL | 0.95 | 0.50 | | | PVC 44.0 DN 50 (2003 | | 41.5 | 0.85 | 37.7 |
| 259 | | | | VL | 3.55 | 0.50 | | | PVC 44.0 DN 50 (2003 | | 41.5 | 0.85 | 37.7 |
| 125 | | | | AL | 1.50 | 0.50 | | | PVC 44.0 DN 50 (2003 | | 43.1 | | |
| 18 | 4 | TE | 30.0 | AL | 1.80 | 0.50 | | | PVC 44.0 DN 50 (2003 | | 43.1 | | |
| 260 | | | | VL | 1.00 | 0.50 | | | PVC 44.0 DN 50 (2003 | | 41.5 | 0.85 | 37.7 |
| 126 | | | | AL | 1.50 | 0.50 | | | PVC 44.0 DN 50 (2003 | | 43.1 | | |
| 19 | 4 | TE | 30.0 | AL | 1.80 | 0.50 | | | PVC 44.0 DN 50 (2003 | | 43.1 | | |
| 167 | | | | SL | 0.75 | 1.75 | | | PVC 103.6 DN 110 (2003 | | 55.9 | | |
| 165 | | | | VL | 0.45 | 1.75 | | | PVC 103.6 DN 110 (2003 | | 66.0 | 0.85 | 41.3 |
| 5 | | | | AL | 0.25 | 1.75 | | | PVC 103.6 DN 110 (2003 | | 83.4 | | |
| 3 | 2 | TE | 105.0 | AL | 0.15 | 1.75 | | | PVC 103.6 DN 110 (2003 | | 83.4 | | |
| 166 | | | | AL | 1.15 | 1.75 | | | PVC 103.6 DN 110 (2003 | | 83.4 | | |
| 4 | | | | AL | 0.25 | 1.75 | | | PVC 103.6 DN 110 (2003 | | 83.4 | | |
| 1 | 2 | TE | 105.0 | AL | 0.15 | 1.75 | | | PVC 103.6 DN 110 (2003 | | 83.4 | | |
| 273 | | | | VL | 0.45 | 1.27 | | | PVC 69.0 DN 75 (2003 | | 58.6 | 0.85 | 40.4 |
| 263 | | | | VL | 2.60 | 1.27 | | | PVC 69.0 DN 75 (2003 | | 58.6 | 0.85 | 40.4 |
| 139 | | | | VL | 0.15 | 0.90 | | | PVC 69.0 DN 75 (2003 | | 51.6 | 0.85 | 39.4 |
| 138 | | | | VL | 0.50 | 0.90 | | | PVC 69.0 DN 75 (2003 | | 51.6 | 0.85 | 39.4 |
| 136 | | | | SL | 1.70 | 0.90 | | | PVC 69.0 DN 75 (2003 | | 40.1 | | |
| 252 | | | | VL | 0.30 | 0.90 | | | PVC 69.0 DN 75 (2003 | | 48.6 | 1.00 | 38.9 |
| 119 | 3 | SE | 45.0 | AL | 0.50 | 0.75 | | | PVC 69.0 DN 75 (2003 | | 49.2 | | |
| 253 | | | | VL | 0.80 | 0.79 | | | PVC 69.0 DN 75 (2003 | | 46.3 | 1.00 | 38.6 |
| 120 | 3 | SE | 45.0 | AL | 0.50 | 0.75 | | | PVC 69.0 DN 75 (2003 | | 49.2 | | |
| 256 | | | | VL | 0.80 | 0.75 | | | PVC 69.0 DN 75 (2003 | | 45.4 | 1.00 | 38.4 |
| 121 | 3 | SE | 45.0 | AL | 0.50 | 0.75 | | | PVC 69.0 DN 75 (2003 | | 49.2 | | |
| 257 | | | | VL | 1.70 | 0.50 | | | PVC 44.0 DN 50 (2003 | | 39.1 | 1.00 | 37.2 |
| 122 | 4 | TE | 30.0 | AL | 0.80 | 0.50 | | | PVC 44.0 DN 50 (2003 | | 43.1 | | |
| 258 | | | | AL | 0.75 | 0.50 | | | PVC 44.0 DN 50 (2003 | | 43.1 | | |
| 123 | 4 | TE | 30.0 | AL | 0.80 | 0.50 | | | PVC 44.0 DN 50 (2003 | | 43.1 | | |
| 264 | | | | VL | 0.50 | 0.90 | | | PVC 69.0 DN 75 (2003 | | 51.6 | 0.85 | 39.4 |
| 133 | | | | SL | 6.50 | 0.90 | | | PVC 69.0 DN 75 (2003 | | 40.1 | | |
| 170 | | | | VL | 0.45 | 0.90 | | | PVC 69.0 DN 75 (2003 | | 48.6 | 1.00 | 38.9 |
| 7 | 3 | SE | 45.0 | AL | 0.50 | 0.75 | | | PVC 69.0 DN 75 (2003 | | 49.2 | | |
| 171 | | | | VL | 0.80 | 0.79 | | | PVC 69.0 DN 75 (2003 | | 46.3 | 1.00 | 38.6 |
| 8 | 3 | SE | 45.0 | AL | 0.50 | 0.75 | | | PVC 69.0 DN 75 (2003 | | 49.2 | | |
| 174 | | | | VL | 0.80 | 0.75 | | | PVC 69.0 DN 75 (2003 | | 45.4 | 1.00 | 38.4 |
| 9 | 3 | SE | 45.0 | AL | 0.50 | 0.75 | | | PVC 69.0 DN 75 (2003 | | 49.2 | | |
| 175 | | | | VL | 1.70 | 0.50 | | | PVC 44.0 DN 50 (2003 | | 39.1 | 1.00 | 37.2 |
| 10 | 4 | TE | 30.0 | AL | 0.80 | 0.50 | | | PVC 44.0 DN 50 (2003 | | 43.1 | | |
| 176 | | | | AL | 0.75 | 0.50 | | | PVC 44.0 DN 50 (2003 | | 43.1 | | |
| 11 | 4 | TE | 30.0 | AL | 0.80 | 0.50 | | | PVC 44.0 DN 50 (2003 | | 43.1 | | |

DR Engineering

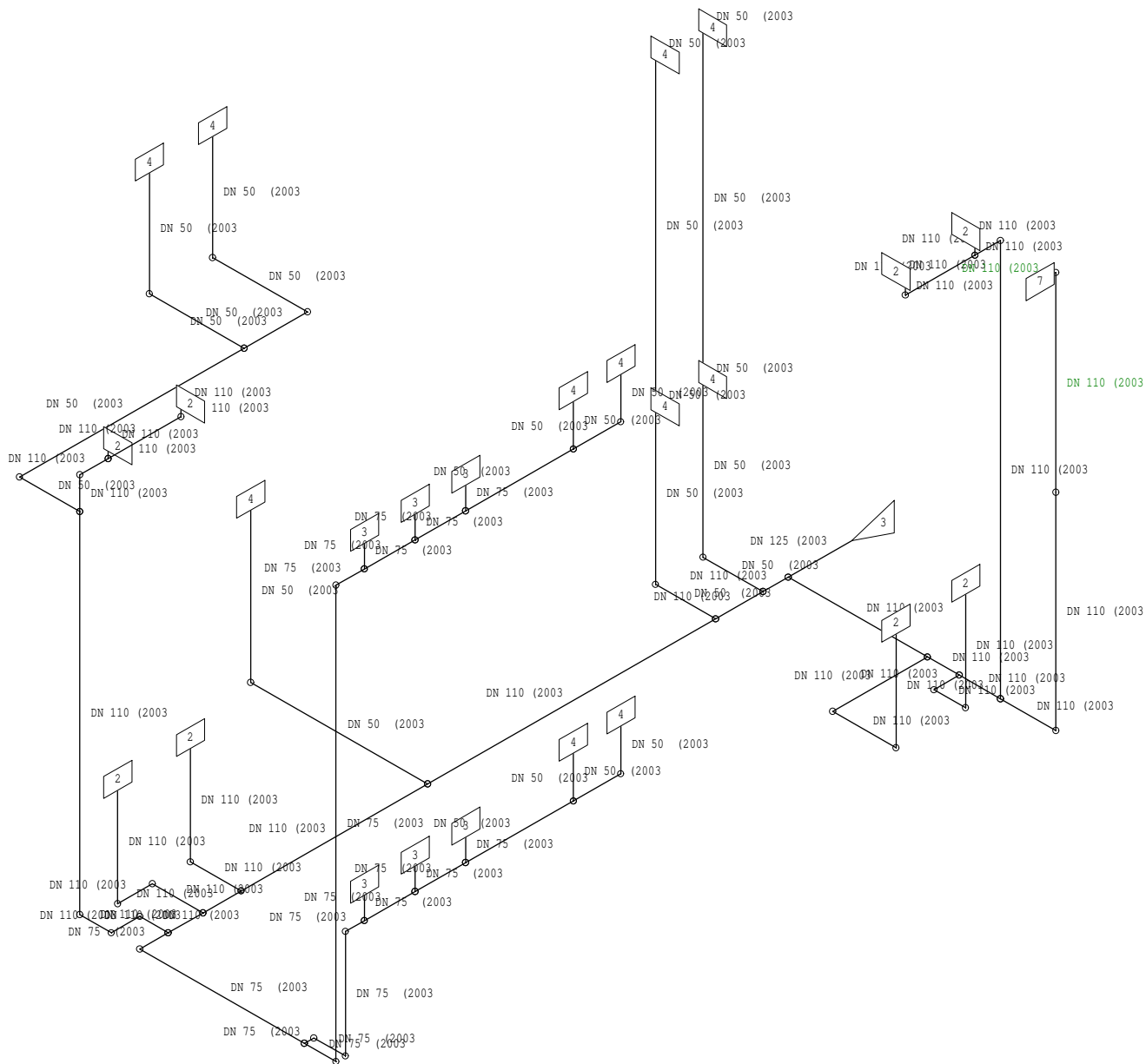
Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
Projectnummer: Voorbeeld Pagina 20
Projectnaam : vabi-vuilwaterberekening.PRJ
Technicus : DR Engineering
Datum : 27 april 2021 Tijd : 10:53:18
Omschrijving : Vabi Vuilwaterberekening



----- leidingstelsel 2 (Hoofdleiding) -----

DR Engineering

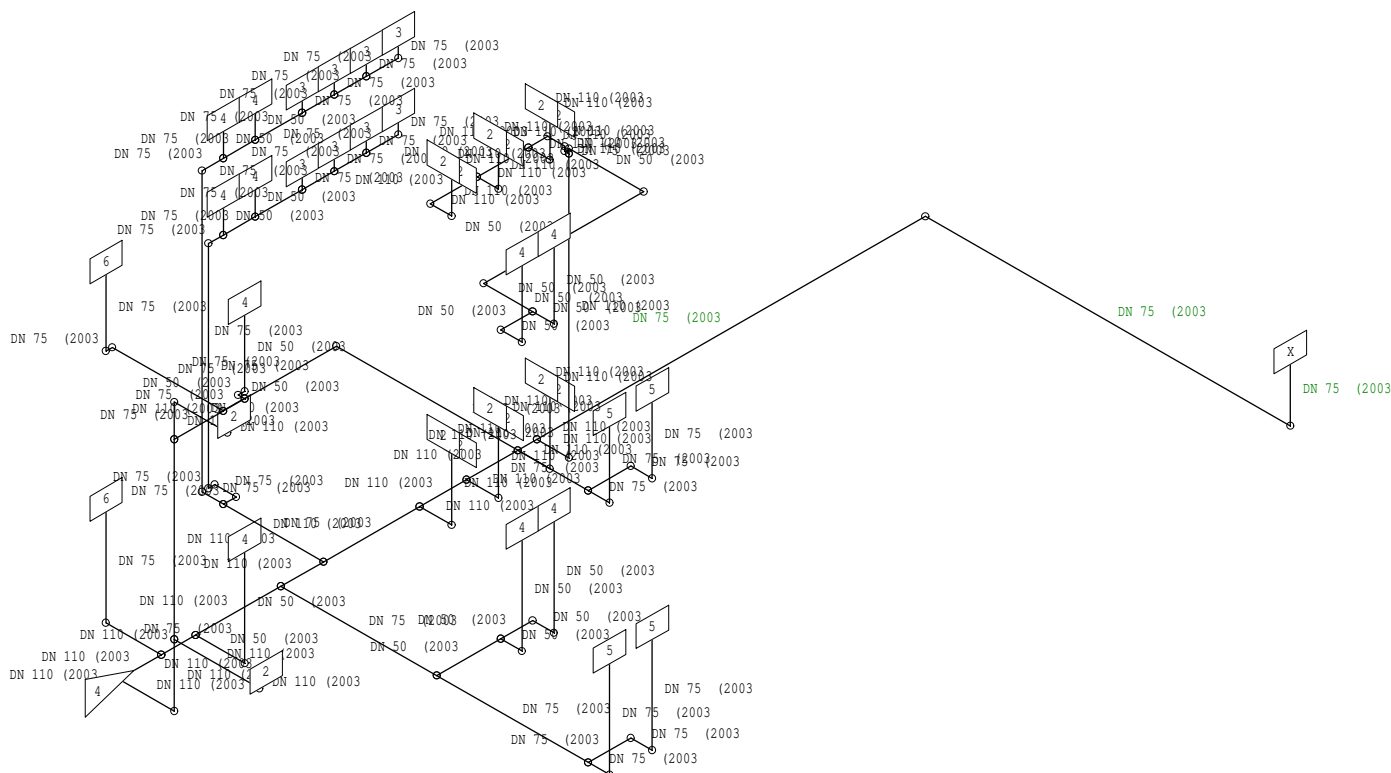
Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
Projectnummer: Voorbeeld Pagina 21
Projectnaam : vabi-vuilwaterberekening.PRJ
Technicus : DR Engineering
Datum : 27 april 2021 Tijd : 10:53:18
Omschrijving : Vabi Vuilwaterberekening



----- subtak 3 (Groep B komend van leiding 168) -----

DR Engineering

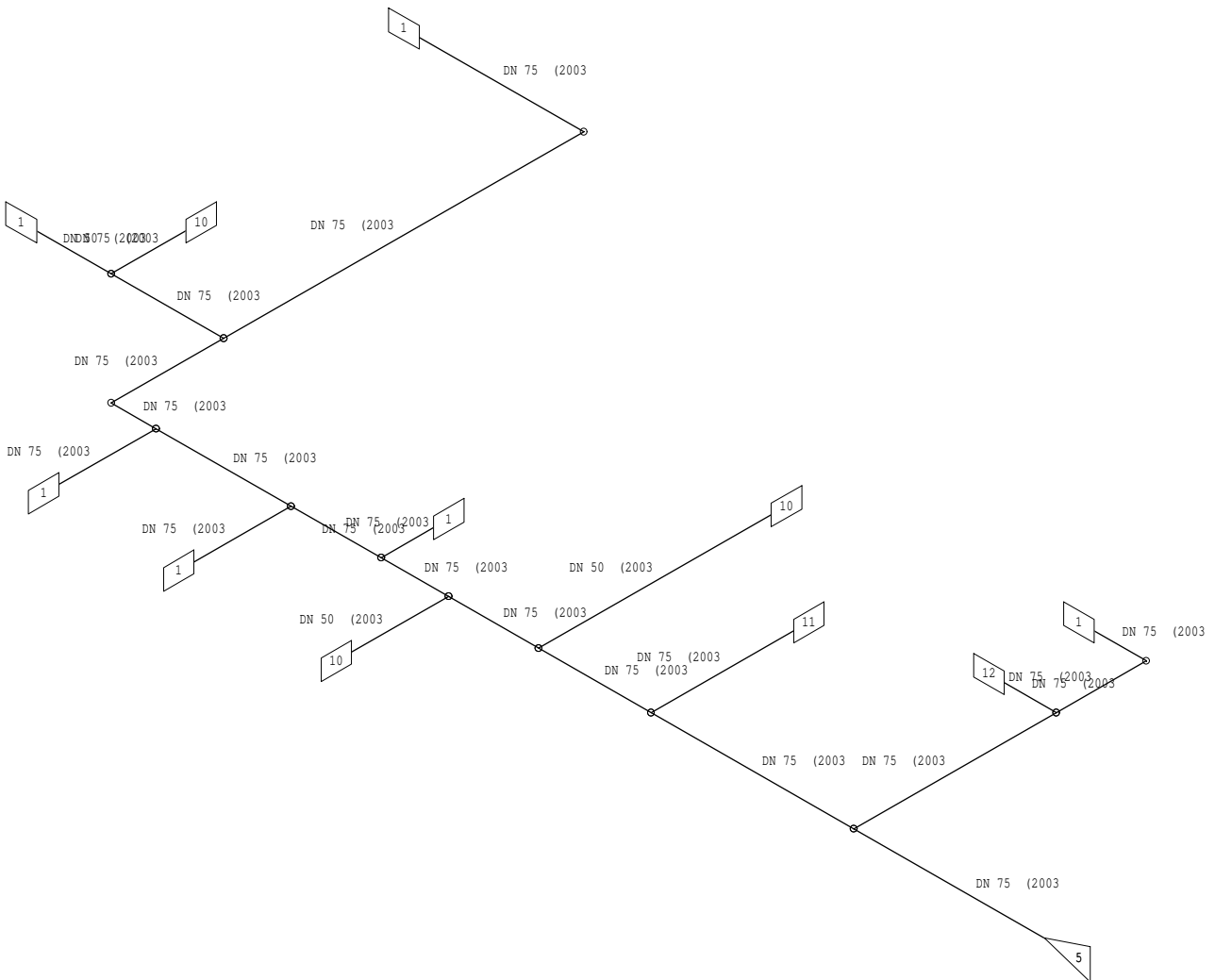
Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
Projectnummer: Voorbeeld Pagina 22
Projectnaam : vabi-vuilwaterberekening.PRJ
Technicus : DR Engineering
Datum : 27 april 2021 Tijd : 10:53:18
Omschrijving : Vabi Vuilwaterberekening



----- subtak 4 (Groep A komend van leiding 196) -----

DR Engineering

Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
Projectnummer: Voorbeeld Pagina 23
Projectnaam : vabi-vuilwaterberekening.PRJ
Technicus : DR Engineering
Datum : 27 april 2021 Tijd : 10:53:18
Omschrijving : Vabi Vuilwaterberekening



----- subtak 5 (Keuken komend van leiding 161) -----

DR Engineering

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=====
Programma      : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
Projectnummer: Voorbeeld                               Pagina 24
Projectnaam   : vabi-vuilwaterberekening.PRJ
Technicus     : DR Engineering
Datum         : 27 april 2021      Tijd : 10:53:18
Omschrijving  : Vabi Vuilwaterberekening
=====
  
```

MATERIAALSTAAT

Hoofdleiding

```

=====
afmeting      pijp      aantal
soort         diameter  delen          totaal  oppervlakte
=====
PVC5          110.0 /103.6 mm  96             102.41 m  35.39 m2
PVC5          125.0 /118.6 mm   9              85.91 m  33.74 m2
PVC5          50.0 / 44.0 mm   53             77.10 m  12.11 m2
PVC5          75.0 / 69.0 mm   99            167.26 m  39.41 m2

                oppervlakte leidingen          totaal  120.65 m2
=====
  
```


DR Engineering

Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
 Projectnummer: Voorbeeld Pagina 25
 Projectnaam : vabi-vuilwaterberekening.PRJ
 Technicus : DR Engineering
 Datum : 27 april 2021 Tijd : 10:53:18
 Omschrijving : Vabi Vuilwaterberekening

APPENDAGES

Hoofdleiding

| Nr | afmeting soort | vorm | aantal | | | afmetingen (mm) | |
|------|-------------------|---------|--------|-----|-------------|-----------------|--------------|
| | | | auto | van | naar | van | naar |
| PVC5 | | Bocht | 33 | 33 | 110.0/103.6 | hoek 90 | |
| PVC5 | | Verloop | 7 | 7 | 110.0/103.6 | -110.0/103.6 | |
| PVC5 | | T-recht | 20 | 20 | 110.0/103.6 | -110.0/103.6 | -110.0/103.6 |
| PVC5 | | T-recht | 7 | 7 | 110.0/103.6 | -110.0/103.6 | - 75.0/ 69.0 |
| PVC5 | | T-recht | 5 | 5 | 110.0/103.6 | - 50.0/ 44.0 | -110.0/103.6 |
| PVC5 | | Bocht | 1 | 1 | 125.0/118.6 | hoek 90 | |
| PVC5 | | T-recht | 2 | 2 | 125.0/118.6 | -110.0/103.6 | -125.0/118.6 |
| PVC5 | | T-recht | 4 | 4 | 125.0/118.6 | - 75.0/ 69.0 | -125.0/118.6 |
| PVC5 | | Verloop | 1 | 1 | 125.0/118.6 | -125.0/118.6 | |
| PVC5 | | T-recht | 1 | 1 | 125.0/118.6 | -110.0/103.6 | -110.0/103.6 |
| PVC5 | | Bocht | 19 | 19 | 50.0/ 44.0 | hoek 90 | |
| PVC5 | | Verloop | 3 | 3 | 50.0/ 44.0 | - 50.0/ 44.0 | |
| PVC5 | | T-recht | 7 | 7 | 50.0/ 44.0 | - 50.0/ 44.0 | - 50.0/ 44.0 |
| PVC5 | | Bocht | 24 | 24 | 75.0/ 69.0 | hoek 90 | |
| PVC5 | | T-recht | 22 | 32 | 75.0/ 69.0 | - 75.0/ 69.0 | - 75.0/ 69.0 |
| PVC5 | | T-recht | 11 | 11 | 75.0/ 69.0 | - 50.0/ 44.0 | - 75.0/ 69.0 |

DR Engineering

Programma : VABI - HEMELWATER VUILWATER BEREKENING VA120 - Versie 10.80
 Projectnummer: Voorbeeld Pagina 26
 Projectnaam : vabi-vuilwaterberekening.PRJ
 Technicus : DR Engineering
 Datum : 27 april 2021 Tijd : 10:53:18
 Omschrijving : Vabi Vuilwaterberekening

APPARATEN Hoofdleiding

| nr | aantal | type | Q | eenheid | omschrijving | |
|----|--------|------|--------|---------|---------------------------------------|----------|
| 1 | 6 | TE | 45.00 | l/min | mengkraan keuken | 4 TE |
| 2 | 22 | TE | 105.00 | l/min | closetstortbak 6-7 ltr. | 0.25 TE |
| 3 | 14 | SE | 45.00 | l/min | spoelkraan - urinoir 1/2" | 0.1 SE |
| 4 | 21 | TE | 30.00 | l/min | wastafelkraan | 1 TE |
| 5 | 4 | TE | 45.00 | l/min | mengkraan spoelbak | 4 TE |
| 6 | 2 | TE | 45.00 | l/min | uitstortgootsteenmengkraan | 4 TE |
| 7 | 2 | CV | 300.00 | l/min | Aftapvoorziening Sprinkler | |
| 8 | 1 | LOZ | 40.00 | l/min | 40 m ² hwa (str. 20/T-R) | |
| 10 | 3 | TE | 30.00 | l/min | fonteinmengkraan | 0.25 TE |
| 11 | 1 | LOZ | 60.00 | l/min | vloerput (rooster 150 mm) | 60 l/min |
| 12 | 1 | TE | 45.00 | l/min | vaatwasmachine industrie | 9 TE |