**Opdrachtgever:** CRUX Engineering BV
**Projectnummer:** BR175403
**Project:** Amsterdam, Marnixkade
**Onderdeel:** XYZ deformatiemeting

BouwRisk®

| nr | | Nulmeting (0) 5/10-7-2017 | HH meting 1 (1) 29-11-2017 | verschil (1-0) in mm | HH meting 2 (2) 20-3-2018 | verschil (2-0) in mm | verschil (2-1) in mm | HH meting 3 (3) 18-7-2018 | verschil (3-0) in mm | verschil (3-2) in mm | HH meting 4 (4) ??-??-?? | verschil (4-0) in mm | verschil (4-3) in mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 101 | X | 82,361 | 82,363 | 2 | 82,362 | 1 | -1 | 82,359 | -2 | -2 | | | |
| | Y | 101,107 | 101,106 | -1 | 101,104 | -3 | -1 | 101,107 | 0 | 3 | | | |
| | Z | 0,974 | 0,976 | 2 | 0,974 | 0 | -1 | 0,976 | 2 | 1 | | | |
| 102 | X | 83,683 | 83,686 | 3 | 83,685 | 2 | -1 | 83,682 | -1 | -3 | | | |
| | Y | 99,741 | 99,740 | -1 | 99,737 | -4 | -2 | 99,741 | 0 | 4 | | | |
| | Z | 0,896 | 0,897 | 1 | 0,896 | 0 | -1 | 0,898 | 2 | 2 | | | |
| 103 | X | 100,000 | 100,001 | 1 | 100,000 | 0 | -2 | 99,999 | -1 | -1 | | | |
| | Y | 100,000 | 99,999 | -1 | 99,997 | -3 | -3 | 100,006 | 6 | 10 | | | |
| | Z | 0,397 | 0,398 | 1 | 0,396 | 0 | -1 | 0,397 | 1 | 1 | | | |
| 104 | X | 113,226 | 113,227 | 1 | 113,226 | 0 | -1 | 113,225 | -1 | -1 | | | |
| | Y | 99,974 | 99,972 | -1 | 99,971 | -3 | -1 | 99,978 | 5 | 7 | | | |
| | Z | 0,401 | 0,402 | 1 | 0,400 | -2 | -2 | 0,403 | 1 | 3 | | | |
| 105 | X | 113,723 | 113,726 | 3 | 113,725 | 2 | -1 | 113,721 | -1 | -4 | | | |
| | Y | 100,211 | 100,207 | -4 | 100,205 | -6 | -2 | 100,212 | 1 | 7 | | | |
| | Z | 0,416 | 0,417 | 1 | 0,416 | 0 | -1 | 0,417 | 2 | 1 | | | |
| 106 | X | 122,609 | 122,611 | 2 | 122,611 | 2 | 0 | 122,608 | -1 | -3 | | | |
| | Y | 100,191 | 100,188 | -4 | 100,184 | -7 | -4 | 100,190 | -2 | 6 | | | |
| | Z | 0,410 | 0,411 | 1 | 0,409 | 0 | -1 | 0,411 | 2 | 2 | | | |
| 107 | X | 131,520 | 131,521 | 1 | 131,520 | 0 | -1 | 131,519 | -1 | -1 | | | |
| | Y | 100,208 | 100,204 | -4 | 100,200 | -8 | -4 | 100,205 | -3 | 5 | | | |
| | Z | 0,419 | 0,420 | 1 | 0,420 | 0 | -1 | 0,421 | 2 | 2 | | | |
| 108 | X | 140,309 | 140,309 | 0 | 140,308 | -1 | -1 | 140,308 | -2 | 0 | | | |
| | Y | 100,222 | 100,218 | -4 | 100,216 | -6 | -3 | 100,221 | -1 | 5 | | | |
| | Z | 0,411 | 0,412 | 1 | 0,411 | -1 | -2 | 0,413 | 1 | 2 | | | |
| 109 | X | 151,101 | 151,100 | -1 | 151,098 | -3 | -2 | 151,099 | -2 | 1 | | | |
| | Y | 100,169 | 100,166 | -3 | 100,163 | -6 | -3 | 100,167 | -2 | 4 | | | |
| | Z | 0,409 | 0,411 | 1 | 0,410 | 0 | -1 | 0,411 | 2 | 1 | | | |
| 110 | X | 160,803 | 160,800 | -3 | 160,798 | -5 | -2 | 160,802 | -1 | 3 | | | |
| | Y | 100,129 | 100,126 | -3 | 100,124 | -5 | -2 | 100,128 | -1 | 4 | | | |
| | Z | 0,408 | 0,409 | 1 | 0,407 | -1 | -2 | 0,409 | 1 | 2 | | | |

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| nr | | Nulmeting (0) 5/10-7-2017 | HH meting 1 (1) 29-11-2017 | verschil (1-0) in mm | HH meting 2 (2) 20-3-2018 | verschil (2-0) in mm | verschil (2-1) in mm | HH meting 3 (3) 18-7-2018 | verschil (3-0) in mm | verschil (3-2) in mm | HH meting 4 (4) ??-??-?? | verschil (4-0) in mm | verschil (4-3) in mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 111 | X | 171,586 | 171,582 | -4 | 171,580 | -6 | -2 | 171,586 | 0 | 6 | | | |
| | Y | 100,107 | 100,104 | -3 | 100,102 | -5 | -2 | 100,107 | -1 | 5 | | | |
| | Z | 0,399 | 0,401 | 2 | 0,400 | 1 | -1 | 0,400 | 1 | 0 | | | |
| 112 | X | 173,319 | 173,317 | -2 | 173,316 | -4 | -2 | 173,319 | 0 | 4 | | | |
| | Y | 100,143 | 100,140 | -2 | 100,139 | -4 | -1 | 100,144 | 1 | 5 | | | |
| | Z | 0,391 | 0,392 | 1 | 0,391 | 0 | -1 | 0,392 | 1 | 1 | | | |
| 113 | X | 181,358 | 181,355 | -2 | 181,354 | -4 | -1 | 181,357 | -1 | 3 | | | |
| | Y | 100,243 | 100,242 | -2 | 100,240 | -3 | -2 | 100,245 | 2 | 5 | | | |
| | Z | 0,394 | 0,395 | 1 | 0,395 | 0 | 0 | 0,394 | 0 | -1 | | | |
| 114 | X | 187,620 | | | 187,618 | -2 | | 187,620 | 0 | 2 | | | |
| | Y | 100,088 | | | 100,085 | -4 | | 100,091 | 2 | 6 | | | |
| | Z | 0,393 | | | 0,393 | 0 | | 0,393 | 0 | 0 | | | |
| 115 | X | 198,060 | 198,058 | -2 | 198,057 | -3 | -1 | 198,060 | 0 | 3 | | | |
| | Y | 100,188 | 100,188 | 0 | 100,185 | -3 | -3 | 100,192 | 4 | 7 | | | |
| | Z | 0,404 | 0,405 | 1 | 0,404 | 0 | -1 | 0,404 | -1 | 0 | | | |
| 116 | X | 208,597 | 208,599 | 2 | 208,594 | -4 | -5 | 208,598 | 1 | 4 | | | |
| | Y | 100,111 | 100,117 | 6 | 100,109 | -2 | -8 | 100,116 | 5 | 7 | | | |
| | Z | 0,410 | 0,411 | 0 | 0,410 | 0 | 0 | 0,409 | -2 | -2 | | | |
| 117 | X | 221,009 | 221,008 | -1 | 221,006 | -3 | -2 | 221,009 | 0 | 3 | | | |
| | Y | 100,057 | 100,057 | 0 | 100,053 | -4 | -3 | 100,059 | 2 | 5 | | | |
| | Z | 0,412 | 0,413 | 2 | 0,412 | 0 | -2 | 0,412 | 0 | 0 | | | |
| 118 | X | 231,554 | 231,554 | 0 | 231,551 | -3 | -3 | 231,555 | 1 | 4 | | | |
| | Y | 100,039 | 100,042 | 3 | 100,038 | -1 | -5 | 100,041 | 2 | 3 | | | |
| | Z | 0,413 | 0,413 | 0 | 0,412 | 0 | 0 | 0,412 | 0 | 0 | | | |
| 119 | X | 240,425 | 240,421 | -4 | 240,420 | -4 | -1 | 240,422 | -3 | 1 | | | |
| | Y | 100,052 | 100,053 | 0 | 100,049 | -4 | -4 | 100,053 | 1 | 5 | | | |
| | Z | 0,404 | 0,405 | 1 | 0,404 | -1 | -2 | 0,404 | 0 | 1 | | | |
| 120 | X | 249,227 | 249,224 | -2 | 249,223 | -3 | -1 | 249,227 | 0 | 3 | | | |
| | Y | 100,022 | 100,024 | 2 | 100,021 | -1 | -3 | 100,027 | 4 | 5 | | | |
| | Z | 0,407 | 0,408 | 1 | 0,406 | -1 | -2 | 0,408 | 1 | 2 | | | |

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| nr | | Nulmeting (0) 5/10-7-2017 | HH meting 1 (1) 29-11-2017 | verschil (1-0) in mm | HH meting 2 (2) 20-3-2018 | verschil (2-0) in mm | verschil (2-1) in mm | HH meting 3 (3) 18-7-2018 | verschil (3-0) in mm | verschil (3-2) in mm | HH meting 4 (4) ??-??-?? | verschil (4-0) in mm | verschil (4-3) in mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 121 | X | 261,560 | 261,559 | -1 | 261,558 | -2 | -1 | 261,561 | 1 | 2 | | | |
| | Y | 100,000 | 100,000 | 0 | 99,997 | -3 | -3 | 100,001 | 1 | 4 | | | |
| | Z | 0,458 | 0,459 | 1 | 0,459 | 0 | -1 | 0,458 | 0 | 0 | | | |
| 122 | X | 270,586 | 270,585 | -1 | 270,582 | -4 | -2 | 270,586 | 0 | 4 | | | |
| | Y | 100,180 | 100,183 | 2 | 100,181 | 0 | -2 | 100,185 | 5 | 5 | | | |
| | Z | 0,463 | 0,463 | 0 | 0,462 | -2 | -1 | 0,461 | -2 | -1 | | | |
| 123 | X | 276,145 | 276,143 | -2 | 276,141 | -4 | -2 | 276,145 | 0 | 4 | | | |
| | Y | 100,084 | 100,086 | 2 | 100,085 | 1 | -1 | 100,092 | 7 | 7 | | | |
| | Z | 0,510 | 0,509 | -1 | 0,507 | -3 | -1 | 0,508 | -2 | 0 | | | |
| 124 | X | 281,667 | 281,664 | -3 | 281,661 | -6 | -3 | 281,665 | -2 | 4 | | | |
| | Y | 99,192 | 99,196 | 4 | 99,195 | 2 | -2 | 99,198 | 6 | 3 | | | |
| | Z | 0,634 | 0,635 | 1 | 0,634 | 0 | -1 | 0,635 | 1 | 1 | | | |
| 125 | X | 287,787 | 287,786 | 0 | 287,784 | -3 | -2 | 287,784 | -2 | 1 | | | |
| | Y | 96,813 | 96,812 | -1 | 96,810 | -3 | -3 | 96,812 | -1 | 3 | | | |
| | Z | 0,775 | 0,776 | 0 | 0,775 | -1 | -1 | 0,776 | 1 | 2 | | | |
| 126 | X | 291,918 | 291,918 | 0 | 291,916 | -2 | -2 | 291,916 | -2 | 0 | | | |
| | Y | 94,443 | 94,441 | -2 | 94,440 | -3 | -1 | 94,443 | 0 | 3 | | | |
| | Z | 0,931 | 0,932 | 1 | 0,930 | -1 | -2 | 0,931 | 0 | 1 | | | |
| 127 | X | 296,951 | 296,951 | 0 | 296,950 | -1 | -1 | 296,951 | 0 | 1 | | | |
| | Y | 90,484 | 90,483 | -1 | 90,481 | -3 | -2 | 90,483 | -1 | 2 | | | |
| | Z | 1,098 | 1,098 | 0 | 1,097 | -1 | -1 | 1,099 | 1 | 2 | | | |
| 128 | X | 300,560 | 300,557 | -3 | 300,555 | -5 | -2 | 300,559 | 0 | 4 | | | |
| | Y | 86,536 | 86,535 | 0 | 86,535 | -1 | 0 | 86,535 | -1 | 0 | | | |
| | Z | 1,183 | 1,183 | 0 | 1,182 | -1 | -1 | 1,184 | 1 | 2 | | | |
| 129 | X | 304,298 | 304,299 | 1 | 304,299 | 1 | 0 | 304,301 | 2 | 2 | | | |
| | Y | 80,804 | 80,805 | 1 | 80,804 | 0 | -1 | 80,805 | 1 | 2 | | | |
| | Z | 1,305 | 1,305 | 0 | 1,305 | 0 | -1 | 1,305 | 0 | 1 | | | |
| 130 | X | 306,451 | 306,454 | 3 | 306,455 | 4 | 1 | 306,456 | 5 | 1 | | | |
| | Y | 75,632 | 75,633 | 1 | 75,632 | 0 | -1 | 75,634 | 2 | 2 | | | |
| | Z | 1,500 | 1,500 | 0 | 1,502 | 2 | 2 | 1,500 | 0 | -2 | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 131 | X | 306,592 | 306,596 | 4 | 306,596 | 4 | 0 | 306,596 | 3 | 0 | | | |
| | Y | 75,011 | 75,010 | 0 | 75,010 | -1 | -1 | 75,013 | 2 | 3 | | | |
| | Z | 1,541 | 1,540 | -1 | 1,543 | 1 | 2 | 1,541 | 0 | -2 | | | |
| 132 | X | 308,585 | 308,579 | -6 | 308,580 | -5 | 1 | 308,579 | -6 | -1 | | | |
| | Y | 68,526 | 68,523 | -4 | 68,521 | -5 | -1 | 68,524 | -3 | 3 | | | |
| | Z | 1,701 | 1,700 | -1 | 1,702 | 1 | 2 | 1,701 | 0 | -1 | | | |
| 133 | X | 309,338 | 309,337 | -1 | 309,337 | -1 | 0 | 309,338 | 0 | 1 | | | |
| | Y | 64,115 | 64,112 | -3 | 64,111 | -3 | -1 | 64,114 | 0 | 3 | | | |
| | Z | 1,807 | 1,808 | 1 | 1,809 | 2 | 1 | 1,807 | 1 | -2 | | | |
| 134 | X | 309,897 | 309,895 | -3 | 309,895 | -3 | 0 | 309,897 | 0 | 2 | | | |
| | Y | 58,041 | 58,039 | -2 | 58,038 | -3 | -1 | 58,041 | 0 | 3 | | | |
| | Z | 1,972 | 1,973 | 1 | 1,975 | 3 | 2 | 1,973 | 1 | -2 | | | |
| 135 | X | 309,925 | 309,921 | -4 | 309,920 | -4 | 0 | 309,924 | -1 | 4 | | | |
| | Y | 57,357 | 57,354 | -2 | 57,354 | -3 | -1 | 57,356 | -1 | 2 | | | |
| | Z | 1,972 | 1,974 | 2 | 1,975 | 3 | 1 | 1,973 | 1 | -2 | | | |
| 136 | X | 312,498 | 312,493 | -5 | 312,492 | -6 | -1 | 312,498 | 0 | 5 | | | |
| | Y | 53,639 | 53,637 | -3 | 53,636 | -3 | -1 | 53,639 | 0 | 3 | | | |
| | Z | 2,017 | 2,018 | 2 | 2,020 | 3 | 1 | 2,018 | 1 | -2 | | | |
| 137 | X | 323,255 | 323,258 | 3 | 323,260 | 5 | 2 | 323,253 | -1 | -7 | | | |
| | Y | 51,084 | 51,081 | -3 | 51,081 | -4 | -1 | 51,083 | -1 | 3 | | | |
| | Z | 2,014 | 2,014 | 0 | 2,017 | 3 | 2 | 2,015 | 1 | -2 | | | |
| 138 | X | 327,004 | 327,004 | 0 | 327,007 | 3 | 2 | 327,002 | -2 | -5 | | | |
| | Y | 52,804 | 52,805 | 1 | 52,804 | 0 | -1 | 52,804 | 0 | -1 | | | |
| | Z | 1,968 | 1,968 | 1 | 1,969 | 2 | 1 | 1,969 | 2 | 0 | | | |
| 139 | X | 327,717 | 327,718 | 1 | 327,721 | 4 | 3 | 327,716 | -1 | -5 | | | |
| | Y | 55,018 | 55,019 | 1 | 55,019 | 0 | -1 | 55,019 | 0 | 0 | | | |
| | Z | 1,904 | 1,906 | 2 | 1,907 | 3 | 1 | 1,906 | 2 | -1 | | | |
| 140 | X | 328,796 | 328,798 | 2 | 328,801 | 5 | 3 | 328,795 | -1 | -6 | | | |
| | Y | 59,788 | 59,788 | 0 | 59,787 | -1 | -1 | 59,787 | -1 | 0 | | | |
| | Z | 1,744 | 1,745 | 1 | 1,747 | 2 | 1 | 1,746 | 1 | -1 | | | |
| 141 | X | 329,738 | 329,741 | 2 | 329,743 | 4 | 2 | 329,737 | -2 | -6 | | | |
| | Y | 63,782 | 63,780 | -2 | 63,780 | -2 | 0 | 63,782 | 0 | 2 | | | |
| | Z | 1,610 | 1,611 | 0 | 1,612 | 1 | 1 | 1,611 | 1 | 0 | | | |
| Opmerkingen herhalingsmetingen | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

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