

AKZO ZOUT CHEMIE NEDERLAND B.V.
LOKATIE DELFZIJL



NAUWKEURIGHEIDSWATERPASSING

Tranendallaan

juni 1985

projectnr. 04124



Verslag van de deformatiemetingen aan de Tranendallaan te Heiligerlee, juni 1985

De ~~21~~ juni 1985 deformatiemeting komt overeen met het meetprogramma uitgevoerd in april 1985.

Zie hiervoor het betreffende rapport.

De hoogtemeting is uitgevoerd met een Zeiss Jena Ni002 nauwkeurigheids-waterpasinstrument en invarbaken.

Er is een sectietolerans van $2,5 \sqrt{L}$ mm aangehouden.

Als aansluitpunten fungeren de punten 8C150 en 13A105.

Ter controle is een kring gemeten over de trajecten 29, 30, 31 en 32.

De sluitfout in deze kring is -0,65 mm.

Voor het vaststellen van de bouthoogten is alleen gebruik gemaakt van de metingen in de trajecten 30, 31 en 34.

De berekende differenties zijn weergegeven in een differentiestaat.

Voor een goede vergelijking van de differenties tussen de hoogtemerken onderling, is als eerste hoogte (nulmeting) de 'september 1984 meting' of zonodig een later tijdstip aangehouden.

Alleen voor de beide bovengenoemde aansluitpunten is de nulmeting overeenkomstig de hoogte in de differentiestaat van het verslag nauwkeurigheidswaterpassing 'concessie Adolf van Nassau en uitbreiding Adolf van Nassau, waterwingebied Kibbelgaarn'.

De lengtemeting is uitgevoerd met een invar meetband bij een trekkracht van 10 kg.

Heerenveen, juli 1985

Ingenieursbureau 'Oranjewoud' B.V.

RESUMPTIE DOORGAANDE WATERPASSING

GEBIED Tranendallaan

| PEILMERK | | LENTE SECTIE L in KM | GEMETEN HOOGTEVERSCHIL (M) | | | CORR. in MM | HOOGTE T.O.V. N.A.P. | V = H - T MM | TOL. | OPM |
|--------------|---------|----------------------------|----------------------------|------------|-----------------|----------------|----------------------------|--------------------|------|-----|
| TOP- BLAD | NR. | | HEEN H | TERUG T | GEMIDDEL- DE | | | | | |
| 13A | traject | 29 | | | | | | | | |
| | 5105 | | | | | | | | | |
| | 113 | 0.418 | - 0.0768 | + 0.0772 | - 0.07700 | | | + 0.4 | 1.62 | |
| | 106 | 0.764 | + 1.2139 | - 1.2146 | + 1.21430 | | | - 0.7 | 2.19 | |
| | 123 | 0.346 | - 0.3243 | + 0.3248 | - 0.32455 | | | + 0.5 | 1.47 | |
| | 124 | 0.390 | + 0.3246 | - 0.3239 | + 0.32425 | | | + 0.7 | 1.56 | |
| | | 1.912 | + 1.1374 | - 1.1365 | + 1.13700 | | | + 0.9 | | |

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|--------------|---------|----------------------------|----------------------------|------------|-----------------|----------------|----------------------------|--------------------|------|------|
| TOP- BLAD | NR. | | HEEN H | TERUG T | GEMIDDEL- DE | | | | | |
| 13A | traject | 30 | | | | | | | | |
| | 131 | 0.026 | - 0.1242 | + 0.1242 | - 0.12420 | 0.00 | + 2.4659 | 0 | 0.40 | |
| | 1207 | 0.066 | - 0.5493 | + 0.5493 | - 0.54930 | - 0.01 | + 2.3417 | 0 | 0.64 | |
| | 1208 | 0.048 | - 0.1538 | + 0.1540 | - 0.15390 | 0.00 | + 1.7924 | + 0.2 | 0.54 | |
| | 1501 | 0.024 | - 0.0052 | + 0.0052 | - 0.00520 | 0.00 | + 1.6385 | 0 | 0.39 | |
| | 1550 | 0.024 | + 0.0783 | - 0.0782 | + 0.07825 | 0.00 | + 1.6333 | + 0.1 | 0.39 | |
| | 1502 | 0.056 | - 0.1596 | + 0.1600 | - 0.15980 | - 0.01 | + 1.7115 | + 0.4 | 0.59 | |
| | 1500 | 0.080 | - 0.0246 | + 0.0252 | - 0.02490 | - 0.01 | + 1.5517 | + 0.6 | 0.71 | |
| | 1503 | 0.048 | - 0.1291 | + 0.1286 | - 0.12885 | 0.00 | + 1.5268 | - 0.5 | 0.54 | |
| | 1302 | 0.056 | - 0.1762 | + 0.1763 | - 0.17625 | 0.00 | + 1.3980 | + 0.1 | 0.59 | |
| | 1303 | 0.018 | + 0.4552 | - 0.4552 | + 0.45520 | 0.00 | + 1.2217 | 0 | 0.34 | |
| | 125 | 0.088 | - 0.2816 | + 0.2822 | - 0.28190 | - 0.01 | + 1.6769 | + 0.6 | 0.74 | |
| | 1300 | 0.070 | - 0.0296 | + 0.0302 | - 0.02990 | - 0.01 | + 1.3950 | + 0.6 | 0.66 | |
| | 1301 | 0.284 | - 0.8564 | + 0.8571 | - 0.85675 | - 0.02 | + 1.3651 | + 0.7 | 1.33 | |
| | 1800 | 0.206 | + 0.4299 | - 0.4297 | + 0.42980 | - 0.02 | + 0.5083 | + 0.2 | 1.13 | |
| | 118 | 0.302 | + 0.3246 | - 0.3248 | + 0.32470 | - 0.03 | + 0.9381 | - 0.2 | 1.37 | |
| | 5003 | 0.228 | - 0.6728 | + 0.6721 | - 0.67245 | - 0.02 | + 1.2629 | - 0.7 | 1.19 | |
| | 114 | 0.676 | - 0.1708 | + 0.1707 | - 0.17075 | - 0.06 | + 0.5903 | - 0.1 | 2.06 | |
| | 5105 | 2.300 | - 2.0452 | + 2.0472 | - 2.04620 | - 0.20 | + 0.4195 | + 2.0 | | |

RESUMPTIE DOORGAANDE WATERPASSING

GEBIED Tranendallaan

| PEILMERK | | LENGTE SECTIE L in KM | GEMETEN HOOGTEVERSCHIL (M) | | | CORR. in MM | HOOGTE T.O.V. N.A.P. | V = H - T .MM | TOL. | OPM. |
|--------------|---------|-----------------------------|----------------------------|------------|-----------------|----------------|----------------------------|---------------------|------|------|
| TOP- BLAD | NR. | | HEEN H | TERUG T | GEMIDDEL- DE | | | | | |
| 8C | traject | 31 | | | | | | | | |
| | 001 | 0.100 | - 1.0214 | + 1.0214 | - 1.02140 | - 0.01 | + 1.1950 | 0 | 0.79 | |
| | 1103 | 0.054 | + 0.0188 | - 0.0192 | + 0.01900 | 0 | + 0.1736 | - 0.4 | 0.58 | |
| | 1104 | 0.062 | + 0.6465 | - 0.6460 | + 0.64625 | - 0.01 | + 0.1926 | + 0.5 | 0.62 | |
| | 155 | 0.018 | - 0.4650 | + 0.4648 | - 0.46490 | 0 | + 0.8388 | - 0.2 | 0.34 | |
| | 1105 | 0.060 | - 0.1431 | + 0.1432 | - 0.14315 | - 0.01 | + 0.3739 | + 0.1 | 0.61 | |
| | 1106 | 0.050 | + 0.1021 | - 0.1023 | + 0.10220 | 0 | + 0.2307 | - 0.2 | 0.56 | |
| | 1107 | 0.034 | + 0.1342 | - 0.1341 | + 0.13415 | 0 | + 0.3329 | + 0.1 | 0.46 | |
| | 1108 | 0.016 | - 0.0840 | + 0.0843 | - 0.08415 | 0 | + 0.4671 | + 0.3 | 0.32 | |
| | 1151 | 0.060 | + 0.1571 | - 0.1566 | + 0.15685 | - 0.01 | + 0.3829 | + 0.5 | 0.61 | |
| | 1109 | 0.066 | + 0.1785 | - 0.1784 | + 0.17845 | - 0.01 | + 0.5398 | + 0.1 | 0.64 | |
| | 1164 | 0.088 | - 0.0044 | + 0.0040 | - 0.00420 | - 0.01 | + 0.7182 | - 0.4 | 0.74 | |
| | 1121 | 0.050 | - 0.3526 | + 0.3530 | - 0.35280 | 0 | + 0.7140 | + 0.4 | 0.56 | |
| | 1122 | 0.042 | + 0.3713 | - 0.3716 | + 0.37145 | 0 | + 0.3612 | - 0.3 | 0.51 | |
| | 1401 | 0.094 | + 0.8138 | - 0.8140 | - 0.81390 | - 0.01 | + 0.7327 | - 0.2 | 0.77 | |
| | 1400 | 0.118 | - 0.4094 | + 0.4089 | - 0.40915 | - 0.01 | + 1.5465 | - 0.5 | 0.86 | |
| | 1402 | 0.084 | + 0.2699 | - 0.2700 | + 0.26995 | - 0.01 | + 1.1374 | - 0.1 | 0.72 | |
| | 1205 | 0.052 | + 0.3230 | - 0.3229 | + 0.32295 | - 0.01 | + 1.4073 | + 0.1 | 0.57 | |
| | 1206 | | | | | | + 1.7303 | | | |

RESUMPTIE DOORGAANDE WATERPASSING

GEBIED

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|--------------|---------|----------------------------|----------------------------|------------|-----------------|----------------|----------------------------|--------------------|------|------|
| TOP- BLAD | NR. | | HEEN H | TERUG T | GEMIDDEL- DE | | | | | |
| ver- volg | traject | 31 | | | | | | - 0.2 | 0.59 | |
| 13A | 1204 | 0.056 | + 0.0124 | - 0.0126 | + 0.01250 | - 0.01 | + 1.7428 | | | |
| | 131 | 0.056 | + 0.7234 | - 0.7230 | + 0.72320 | - 0.01 | + 2.4659 | + 0.4 | 0.59 | |
| | | 1.160 | + 1.2711 | - 1.2711 | + 1.27110 | - 0.12 | | 0 | | |
| 13A | traject | 31A | | | | | + 1.7428 | | | |
| | 1204 | 0.028 | - 0.1104 | + 0.1105 | - 0.11045 | - 0.08 | + 1.6323 | + 0.1 | 0.42 | |
| | 1203 | 0.060 | - 0.1300 | + 0.1300 | - 0.13000 | - 0.18 | + 1.5021 | 0 | 0.61 | |
| | 1202 | 0.020 | + 0.0965 | - 0.0966 | + 0.09655 | - 0.06 | + 1.5986 | - 0.1 | 0.35 | |
| | 1201 | 0.036 | + 0.0376 | - 0.0373 | + 0.03745 | - 0.11 | + 1.6359 | + 0.3 | 0.47 | |
| | 1200 | 0.138 | + 0.8304 | - 0.8304 | + 0.83040 | - 0.42 | + 2.4659 | 0 | 0.93 | |
| | 131 | | | | | | | + 0.3 | | |
| | | 0.282 | + 0.7241 | + 0.7238 | + 0.72395 | - 0.85 | | | | |

RESUMPTIE DOORGAANDE WATERPASSING

GEBIED Tranendallaan

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|--------------|---------|-----------------------------|----------------------------|------------|-----------------|----------------|----------------------------|--------------------|------|------|
| TOP- BLAD | NR. | | HEEN H | TERUG T | GEMIDDEL- DE | | | | | |
| 13A | traject | 31B | | | | | | | | |
| | 1121 | | | | | | + 0.7140 | | | |
| | 1169 | 0.012 | + 0.1481 | - 0.1482 | + 0.14815 | - 0.01 | + 0.8621 | - 0.1 | 0.27 | |
| | 1170 | 0.008 | - 0.0186 | + 0.0187 | - 0.01865 | - 0.01 | + 0.8435 | + 0.1 | 0.22 | |
| | 1168 | 0.046 | + 0.0157 | - 0.0159 | + 0.01580 | - 0.04 | + 0.8592 | - 0.2 | 0.53 | |
| | 1167 | 0.008 | + 0.0602 | - 0.0602 | + 0.06020 | 0 | + 0.9194 | 0 | 0.22 | |
| | 1163 | 0.060 | - 0.1503 | + 0.1504 | - 0.15035 | - 0.05 | + 0.7690 | + 0.1 | 0.61 | |
| | 1166 | 0.006 | - 0.0642 | + 0.0641 | - 0.06415 | 0 | + 0.7049 | - 0.1 | 0.19 | |
| | 1165 | 0.044 | - 0.0011 | + 0.0007 | - 0.00090 | - 0.03 | + 0.7040 | - 0.4 | 0.52 | |
| | 1164 | 0.010 | + 0.0142 | - 0.0143 | + 0.01425 | - 0.01 | + 0.7182 | - 0.1 | 0.25 | |
| | | 0.194 | + 0.0040 | - 0.0047 | + 0.00435 | - 0.15 | | - 0.7 | | |

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|--------------|---------|------------------------------|----------------------------|------------|-----------------|----------------|----------------------------|--------------------|------|------|
| TOP- BLAD | NR. | | HEEN H | TERUG T | GEMIDDEL- DE | | | | | |
| 13A | traject | 31C | | | | | | | | |
| | 1164 | 0.054 | + 0.0195 | - 0.0194 | + 0.01945 | - 0.11 | + 0.7182 | + 0.1 | 0.58 | |
| | 1102 | 0.032 | + 0.8280 | - 0.8280 | + 0.82800 | - 0.07 | + 0.7375 | 0 | 0.45 | |
| | 1110 | 0.040 | - 0.4818 | + 0.4818 | - 0.48180 | - 0.08 | + 1.5655 | 0 | 0.50 | |
| | 1100 | 0.064 | + 0.4943 | - 0.4942 | + 0.49425 | - 0.12 | + 1.0836 | + 0.1 | 0.63 | |
| | 8C 1174 | 0.038 | + 0.0002 | - 0.0000 | + 0.00010 | - 0.08 | + 1.5777 | + 0.2 | 0.49 | |
| | 1173 | 0.048 | - 0.0901 | + 0.0904 | - 0.09025 | - 0.10 | + 1.5777 | + 0.3 | 0.55 | |
| | 1172 | 0.008 | - 0.1011 | + 0.1012 | - 0.10115 | - 0.02 | + 1.4874 | + 0.1 | 0.22 | |
| | 1175 | 0.006 | + 0.1205 | - 0.1205 | + 0.12050 | - 0.01 | + 1.3862 | 0 | 0.19 | |
| | 1171 | 0.056 | - 0.6098 | + 0.6098 | - 0.60980 | - 0.11 | + 1.5067 | 0 | 0.59 | |
| | 1101 | 0.098 | - 0.3569 | + 0.3567 | - 0.35680 | - 0.20 | + 0.8968 | - 0.2 | 0.78 | |
| | 1109 | 0.444 | - 0.1772 | + 0.1778 | - 0.17750 | - 0.90 | + 0.5398 | | | |
| | | | | | | | + 0.6 | | | |

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|--------------|---------|-----------------------------|----------------------------|------------|-----------------|----------------|----------------------------|--------------------|------|------|
| TOP- BLAD | NR. | | HEEN H | TERUG T | GEMIDDEL- DE | | | | | |
| 8C | traject | 31D | | | | | | | | |
| | 1109 | 0.007 | - 0.1557 | + 0.1558 | - 0.15575 | + 0.05 | + 0.5398 | + 0.1 | 0.21 | |
| | 1162 | 0.018 | - 0.0014 | + 0.0012 | - 0.00130 | + 0.11 | + 0.3841 | - 0.2 | 0.34 | |
| | 1161 | 0.052 | + 0.1269 | - 0.1274 | + 0.12715 | + 0.34 | + 0.3829 | - 0.5 | 0.57 | |
| | 1160 | 0.016 | - 0.0008 | + 0.0009 | - 0.00085 | + 0.10 | + 0.5104 | + 0.1 | 0.32 | |
| | 1159 | 0.017 | + 0.3231 | - 0.3230 | + 0.32305 | + 0.11 | + 0.5097 | + 0.1 | 0.33 | |
| | 1150 | 0.006 | - 0.2862 | + 0.2859 | - 0.28605 | + 0.04 | + 0.8328 | - 0.3 | 0.21 | |
| | 1158 | 0.020 | - 0.0088 | + 0.0091 | - 0.00895 | + 0.13 | + 0.5468 | + 0.3 | 0.35 | |
| | 1155 | 0.030 | - 0.1698 | + 0.1698 | - 0.16980 | + 0.19 | + 0.5380 | 0 | 0.43 | |
| | 1157 | 0.006 | - 0.0010 | + 0.0011 | - 0.00105 | + 0.04 | + 0.3684 | + 0.1 | 0.21 | |
| | 1156 | 0.058 | + 0.0214 | - 0.0214 | + 0.02140 | + 0.38 | + 0.3674 | 0 | 0.60 | |
| | 1154 | 0.010 | - 0.0064 | + 0.0062 | - 0.00630 | + 0.06 | + 0.3891 | - 0.2 | 0.25 | |
| | 1151 | | | | | | + 0.3829 | | | |
| | | 0.240 | - 0.1587 | + 0.1582 | - 0.15845 | + 1.55 | | - 0.5 | | |

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GEBIED

| PEILMERK | | LENGTE SECTIE L in KM | GEMETEN HOOGTEVERSCHIL (M) | | | CORR. in MM | HOOGTE T.O.V. N.A.P. | V = H - T MM | TOL. | OPM. |
|--------------|-----------------|-----------------------------|----------------------------|------------|-----------------|----------------|----------------------------|--------------------|------|------|
| TOP- BLAD | NR. | | HEEN H | TERUG T | GEMIDDEL- DE | | | | | |
| 8C | traject 1151 | 31E | | | | | | | | |
| | | 0.025 | + 0.1432 | - 0.1432 | + 0.14320 | + 0.02 | + 0.3829 | 0 | 0.40 | |
| | | 0.008 | - 0.0395 | + 0.0395 | - 0.03950 | + 0.00 | + 0.5261 | 0 | 0.22 | |
| | | 0.035 | - 0.0195 | + 0.0196 | - 0.01955 | + 0.03 | + 0.4866 | + 0.1 | 0.47 | |
| | traject 32 | 1108 | | | | | + 0.4671 | | | |
| | | 0.068 | + 0.0842 | - 0.0841 | + 0.08415 | + 0.05 | | + 0.1 | | |
| | | 124 | | | | | | | | |
| | | 0.342 | + 0.1984 | - 0.1989 | + 0.19865 | | | - 0.5 | 1.46 | |
| | | 127 | | | | | | + 0.2 | 1.90 | |
| | | 137 | | | | | | + 1.0 | 1.59 | |
| 8C | traject 001 | 001 | 0.404 | - 0.9888 | + 0.9898 | - 0.98930 | | | | |
| | | 1.318 | - 0.3622 | + 0.3629 | - 0.36255 | | | + 0.7 | | |
| | | 001 | | | | | + 1.1950 | | | |
| | traject 34 | 150 | 0.354 | + 0.7050 | - 0.7050 | + 0.70500 | 0.00 | 0 | | |
| | | 0.354 | + 0.7050 | - 0.7050 | + 0.70500 | 0.00 | + 1.9000 | 0 | | |

| NR | BOUTNR | JAAR | B,HOTE | V | JAN85 | V | MRT85 | V | JUN85 |
|----|----------|------|--------|------------|-------------|------------|--------|------------|--------|
| 1 | 08C 0001 | 1984 | 1,1952 | - 2 - 1 | 1,1944 0 | + 1 0 | 1,1946 | 0 0 | 1,1950 |
| 2 | 13A 0114 | 1985 | 0,5917 | 0 | 0,5917 | - 1 - 1 | 0,5912 | - 1 - 2 | 0,5903 |
| 3 | 13A 0118 | 1985 | 0,9386 | 0 | 0,9386 | - 1 - 1 | 0,9381 | - 0 - 1 | 0,9381 |
| 4 | 13A 0125 | 1984 | 1,6782 | 0 0 | 1,6775 - | - 2 - 2 | 1,6763 | + 1 - 1 | 1,6769 |
| 5 | 13A 0131 | 1984 | 2,4690 | - 1 - 2 | 2,4669 | - 1 - 3 | 2,4663 | - 0 - 3 | 2,4659 |
| 6 | 08C 0150 | 1982 | 1,9066 | - 0 - 7 | 1,9000 | - 0 - 7 | 1,9000 | - 0 - 7 | 1,9000 |
| 7 | 08C 0155 | 1984 | 0,8396 | - 1 - 1 | 0,8386 | - 1 - 2 | 0,8381 | + 1 - 1 | 0,8388 |
| 8 | 13A 1100 | 1984 | 1,0858 | | | - 2 - 2 | 1,0836 | - 0 - 2 | 1,0836 |
| 9 | 08C 1101 | 1984 | 0,8995 | | | - 1 - 2 | 0,8975 | - 1 - 3 | 0,8968 |
| 10 | 13A 1102 | 1984 | 0,7394 | | | - 1 - 1 | 0,7375 | - 0 - 1 | 0,7375 |
| 11 | 08C 1103 | 1985 | 0,1720 | 0 | 0,1720 | + 1 + 1 | 0,1732 | + 1 + 2 | 0,1736 |
| 12 | 08C 1104 | 1985 | 0,1937 | 0 | 0,1937 | 0 0 | 0,1944 | - 1 - 1 | 0,1926 |
| 13 | 08C 1105 | 1985 | 0,3739 | 0 | 0,3739 | 0 0 | 0,3735 | 0 0 | 0,3739 |
| 14 | 08C 1106 | 1985 | 0,2305 | 0 | 0,2305 | 0 0 | 0,2306 | 0 0 | 0,2307 |
| 15 | 08C 1107 | 1985 | 0,3330 | 0 | 0,3330 | 0 0 | 0,3326 | 0 0 | 0,3329 |
| 16 | 08C 1108 | 1985 | 0,4672 | 0 | 0,4672 | 0 0 | 0,4667 | 0 0 | 0,4671 |
| 17 | 08C 1109 | 1985 | 0,5405 | 0 | 0,5405 | - 1 - 1 | 0,5397 | - 0 - 1 | 0,5398 |
| 18 | 13A 1110 | 1984 | 1,5671 | | | - 3 - 2 | 1,5652 | + 1 - 1 | 1,5655 |
| 19 | 13A 1121 | 1985 | 0,7158 | 0 | 0,7158 | - 2 - 2 | 0,7143 | - 0 - 2 | 0,7140 |
| 20 | 13A 1122 | 1985 | 0,3629 | 0 | 0,3629 | - 1 - 1 | 0,3618 | - 1 - 2 | 0,3612 |

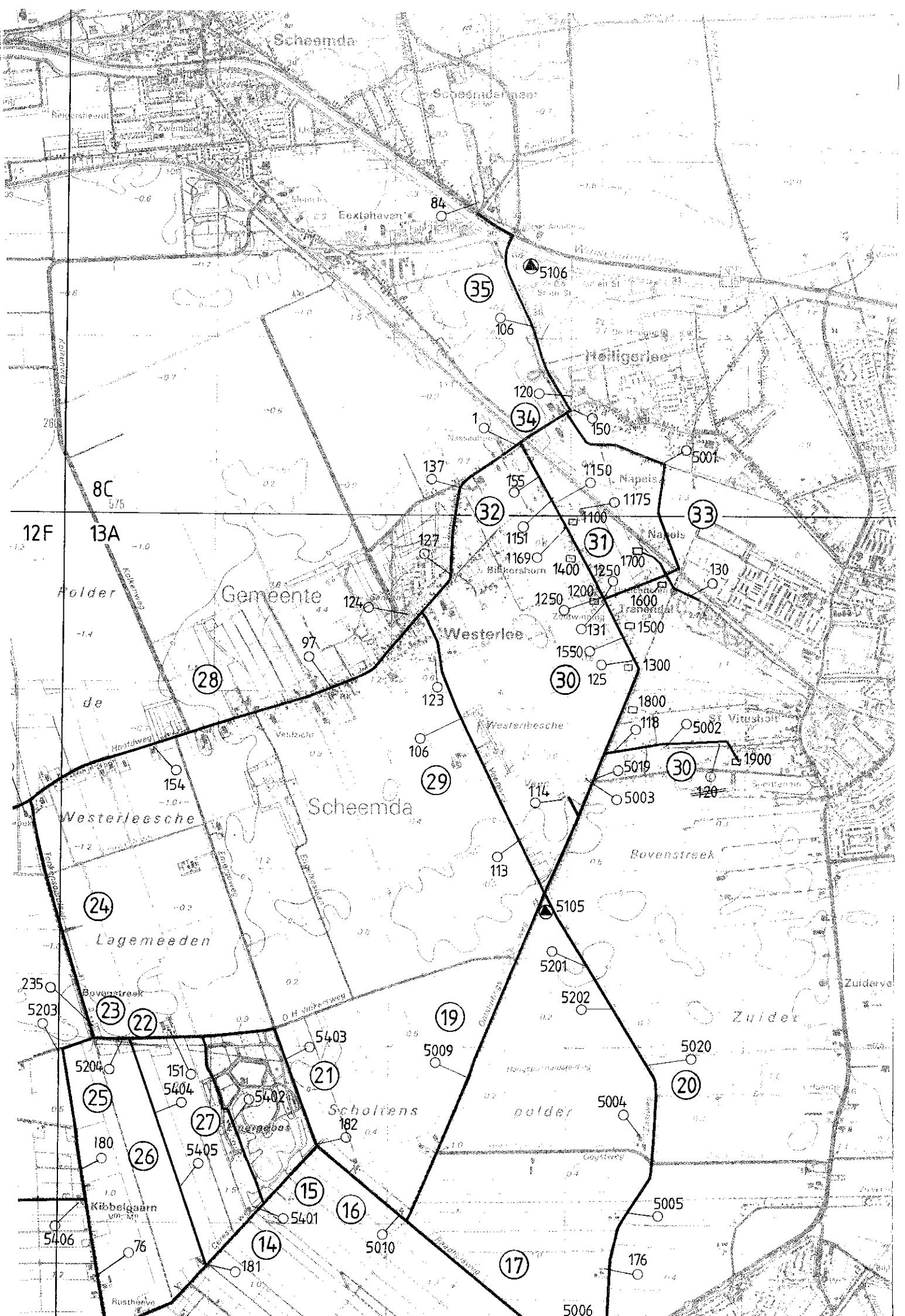
| NR | BOUTNR | JAAR | B.HGTE | V | JAN85 | V | MRT85 | V | JUN85 |
|----|----------|------|--------|------------|--------|------------|--------|------------|--------|
| 1 | 08C 1150 | 1984 | 0,8350 | | | - 2 - 2 | 0,8334 | - 0 - 2 | 0,8328 |
| 2 | 08C 1151 | 1984 | 0,3845 | - 1 - 2 | 0,3830 | - 1 - 3 | 0,3824 | + 1 - 2 | 0,3829 |
| 3 | 08C 1152 | 1984 | 0,5279 | | | - 2 - 2 | 0,5259 | - 0 - 2 | 0,5261 |
| 4 | 08C 1153 | 1984 | 0,4884 | | | - 3 - 2 | 0,4858 | + 1 - 1 | 0,4866 |
| 5 | 08C 1154 | 1984 | 0,3911 | | | - 3 - 2 | 0,3893 | - 0 - 2 | 0,3891 |
| 6 | 08C 1155 | 1984 | 0,5408 | | | - 1 - 2 | 0,5387 | - 1 - 3 | 0,5380 |
| 7 | 08C 1156 | 1984 | 0,3697 | | | - 1 - 1 | 0,3685 | - 2 - 3 | 0,3674 |
| 8 | 08C 1157 | 1984 | 0,3704 | | | 0 - 1 | 0,3689 | - 1 - 2 | 0,3684 |
| 9 | 08C 1158 | 1984 | 0,5494 | | | - 1 - 1 | 0,5475 | - 1 - 2 | 0,5468 |
| 10 | 08C 1159 | 1984 | 0,5121 | | | - 2 - 2 | 0,5100 | - 0 - 2 | 0,5097 |
| 11 | 08C 1160 | 1984 | 0,5123 | | | - 2 - 1 | 0,5106 | - 1 - 2 | 0,5104 |
| 12 | 08C 1161 | 1984 | 0,3850 | | | - 2 - 2 | 0,3832 | - 0 - 2 | 0,3829 |
| 13 | 08C 1162 | 1984 | 0,3861 | - 1 - 1 | 0,3852 | - 1 - 2 | 0,3841 | - 0 - 2 | 0,3841 |
| 14 | 13A 1163 | 1984 | 0,7715 | | | - 2 - 3 | 0,7690 | - 0 - 3 | 0,7690 |
| 5 | 13A 1164 | 1984 | 0,7200 | - 1 - 1 | 0,7193 | - 1 - 2 | 0,7182 | - 0 - 2 | 0,7182 |
| 6 | 13A 1165 | 1984 | 0,7067 | | | - 2 - 3 | 0,7044 | - 0 - 3 | 0,7040 |
| 7 | 13A 1166 | 1984 | 0,7076 | | | - 2 - 3 | 0,7049 | - 0 - 3 | 0,7049 |
| 8 | 13A 1167 | 1984 | 0,9225 | | | - 1 - 3 | 0,9201 | - 1 - 4 | 0,9194 |
| 9 | 13A 1168 | 1984 | 0,8630 | | | - 2 - 3 | 0,8600 | - 1 - 4 | 0,8592 |
| 0 | 13A 1169 | 1984 | 0,8653 | + 1 0 | 0,8645 | - 2 - 2 | 0,8628 | - 1 - 3 | 0,8621 |

| NR | BOUTNR | JAAR | B.HGTE | V | JAN85 | V | MRT85 | V | JUN85 |
|----|----------|------|--------|-----|---------------|---------------|------------------|------------|--------|
| 1 | 13A 1170 | 1984 | 0,8470 | | - 2 - 3 | 0,8440 - 3 | - 0 - 3 | 0,8435 | |
| 2 | 08C 1171 | 1984 | 1,5091 | | - 2 - 2 | 1,5074 - 2 | - 0 - 2 | 1,5067 | |
| 3 | 08C 1172 | 1984 | 1,4893 | | - 2 - 1 | 1,4879 - 2 | - 1 - 2 | 1,4874 | |
| 4 | 08C 1173 | 1984 | 1,5795 | | - 2 - 2 | 1,5784 - 2 | - 0 - 2 | 1,5777 | |
| 5 | 08C 1174 | 1984 | 1,5802 | | - 3 - 2 | 1,5784 - 2 | - 0 - 2 | 1,5777 | |
| 6 | 08C 1175 | 1984 | 1,3884 | | - 2 - 1 | 1,3871 - 2 | - 1 - 2 | 1,3862 | |
| 7 | 13A 1200 | 1985 | 1,6373 | 0 | 1,6373 0 | 0 0 | 1,6366 1,6366 | - 1 - 1 | 1,6359 |
| 8 | 13A 1201 | 1985 | 1,5996 | 0 | 1,5996 0 | - 1 - 1 | 1,5990 1,5990 | - 0 - 1 | 1,5986 |
| 9 | 13A 1202 | 1985 | 1,5035 | 0 | 1,5035 0 | - 1 - 1 | 1,5028 1,5028 | - 1 - 2 | 1,5021 |
| 10 | 13A 1203 | 1985 | 1,6333 | 0 | 1,6333 0 | 0 0 | 1,6329 1,6329 | - 1 - 1 | 1,6323 |
| 11 | 13A 1204 | 1985 | 1,7438 | 0 | 1,7438 0 | - 1 - 1 | 1,7432 1,7432 | - 0 - 1 | 1,7428 |
| 12 | 13A 1205 | 1985 | 1,4086 | 0 | 1,4086 0 | - 1 - 1 | 1,4078 1,4078 | - 1 - 2 | 1,4073 |
| 13 | 13A 1206 | 1985 | 1,7318 | 0 | 1,7318 0 | - 1 - 1 | 1,7309 1,7309 | - 1 - 2 | 1,7303 |
| 14 | 13A 1207 | 1985 | 2,3430 | 0 | 2,3430 0 | - 1 - 1 | 2,3419 2,3419 | - 0 - 1 | 2,3417 |
| 15 | 13A 1208 | 1985 | 1,7950 | 0 | 1,7950 0 | - 2 - 2 | 1,7930 1,7930 | - 1 - 3 | 1,7924 |
| 16 | 13A 1300 | 1985 | 1,3950 | 0 | 1,3950 0 | - 1 - 1 | 1,3942 1,3942 | + 1 0 | 1,3950 |
| 17 | 13A 1301 | 1985 | 1,3653 | 0 | 1,3653 0 | - 1 - 1 | 1,3644 1,3644 | + 1 0 | 1,3651 |
| 18 | 13A 1302 | 1985 | 1,3991 | 0 | 1,3991 0 | - 1 - 1 | 1,3978 1,3978 | - 0 - 1 | 1,3980 |
| 19 | 13A 1303 | 1985 | 1,2229 | 0 | 1,2229 0 | - 2 - 2 | 1,2214 1,2214 | + 1 - 1 | 1,2217 |
| 20 | 13A 1400 | 1984 | 1,5499 | - 2 | 1,5477 - 2 | - 1 - 3 | 1,5467 1,5467 | - 0 - 3 | 1,5465 |

| NR | BOUTNR | JAAR | B.HGTE | V | JAN85 | V | MRT85 | V | JUN85 |
|----|----------|------|--------|------|--------|-----|--------|-----|--------|
| 1 | 13A 1401 | 1985 | 0,7343 | 0 | 0,7343 | - 1 | 0,7330 | - 0 | 0,7327 |
| 2 | 13A 1402 | 1985 | 1,1387 | 0 | 1,1387 | - 1 | 1,1378 | - 1 | 1,1374 |
| 3 | 13A 1500 | 1984 | 1,5540 | - 0 | 1,5526 | - 1 | 1,5516 | - 0 | 1,5517 |
| 4 | 13A 1501 | 1985 | 1,6397 | 0 | 1,6397 | - 2 | 1,6383 | + 1 | 1,6385 |
| 5 | 13A 1502 | 1985 | 1,7138 | 0 | 1,7138 | - 2 | 1,7116 | - 0 | 1,7115 |
| 6 | 13A 1503 | 1985 | 1,5280 | 0 | 1,5280 | - 1 | 1,5269 | - 0 | 1,5268 |
| 7 | 13A 1550 | 1984 | 1,6361 | - 1 | 1,6350 | - 2 | 1,6334 | - 0 | 1,6333 |
| 8 | 13A 1800 | 1985 | 0,5079 | 0 | 0,5079 | 0 | 0,5078 | 0 | 0,5083 |
| 9 | 13A 5003 | 1985 | 1,2636 | 0 | 1,2636 | - 1 | 1,2630 | - 0 | 1,2629 |
| 10 | 13A 5105 | 1969 | 0,4191 | - 39 | 0,4195 | - 0 | 0,4195 | - 0 | 0,4195 |

Uitkomsten lengtemeting

| nr. | van | naar | afst. (m) dec. '84 | afst. (m) mrt. '85 | afst. (m) juni '85 |
|-----|---------|---------|-----------------------|-----------------------|-----------------------|
| 1 | 8C1151 | 8C1154 | 4.0690 | 4.0690 | 4.0690 |
| 2 | 8C1152 | 8C1153 | 5.9920 | 5.9925 | 5.9925 |
| 3 | 8C1155 | 8C1158 | 4.2765 | 4.2765 | 4.2765 |
| 4 | 8C1156 | 8C1157 | 4.0555 | 4.0555 | 4.0555 |
| 5 | 8C1159 | 8C1160 | 15.0225 | 15.0230 | 15.0230 |
| 6 | 8C1161 | 8C1162 | 16.6710 | 16.6710 | 16.6710 |
| 7 | 13A1163 | 13A1166 | 4.1855 | 4.1855 | 4.1855 |
| 8 | 13A1164 | 13A1165 | 3.8950 | 3.8950 | 3.8950 |
| 9 | 13A1167 | 13A1168 | 6.1600 | 6.1605 | 6.1605 |
| 10 | 13A1169 | 13A1170 | 6.2620 | 6.2615 | 6.2615 |
| 11 | 8C1171 | 8C1172 | 11.2435 | 11.2435 | 11.2435 |
| 12 | 8C1173 | 8C1174 | 16.8570 | 16.8570 | 16.8570 |



HEILIGERLEE

EERSTE BOVENPAD

TRANENDALLAAN

Boring A

Boring D

MEIDORNLAAK

Boring B

Boring E

TRANENDALLAAN

Boring C

ONTSLUITINGSWEG

1501 o bout in betonpaal
(waterpaspaal)

1163

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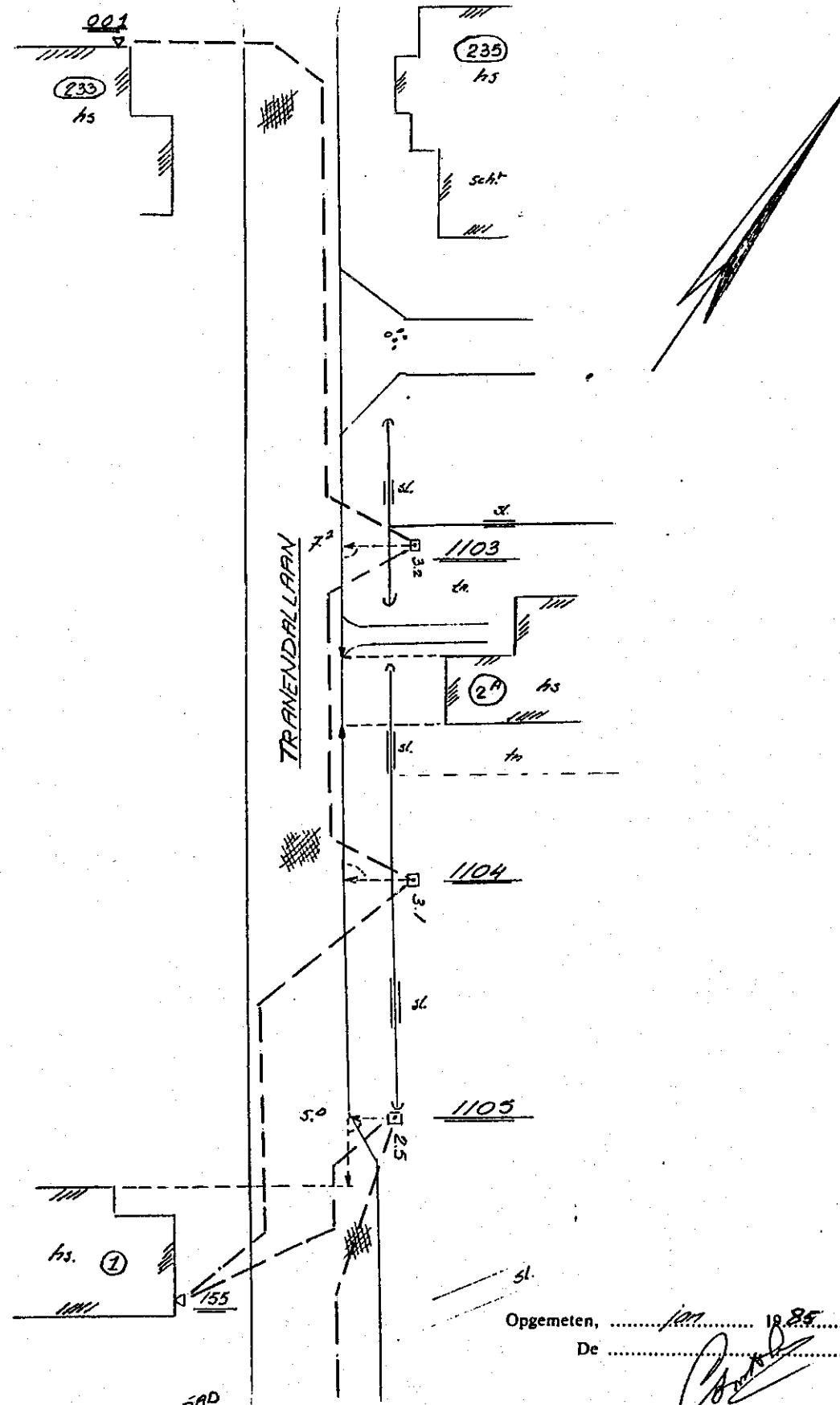
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Gemeente:
Sectie Blad

Dienstjaar: 19.....

Nieuwe nummers:
Niet vernummerd:

Hooftd. weg teg

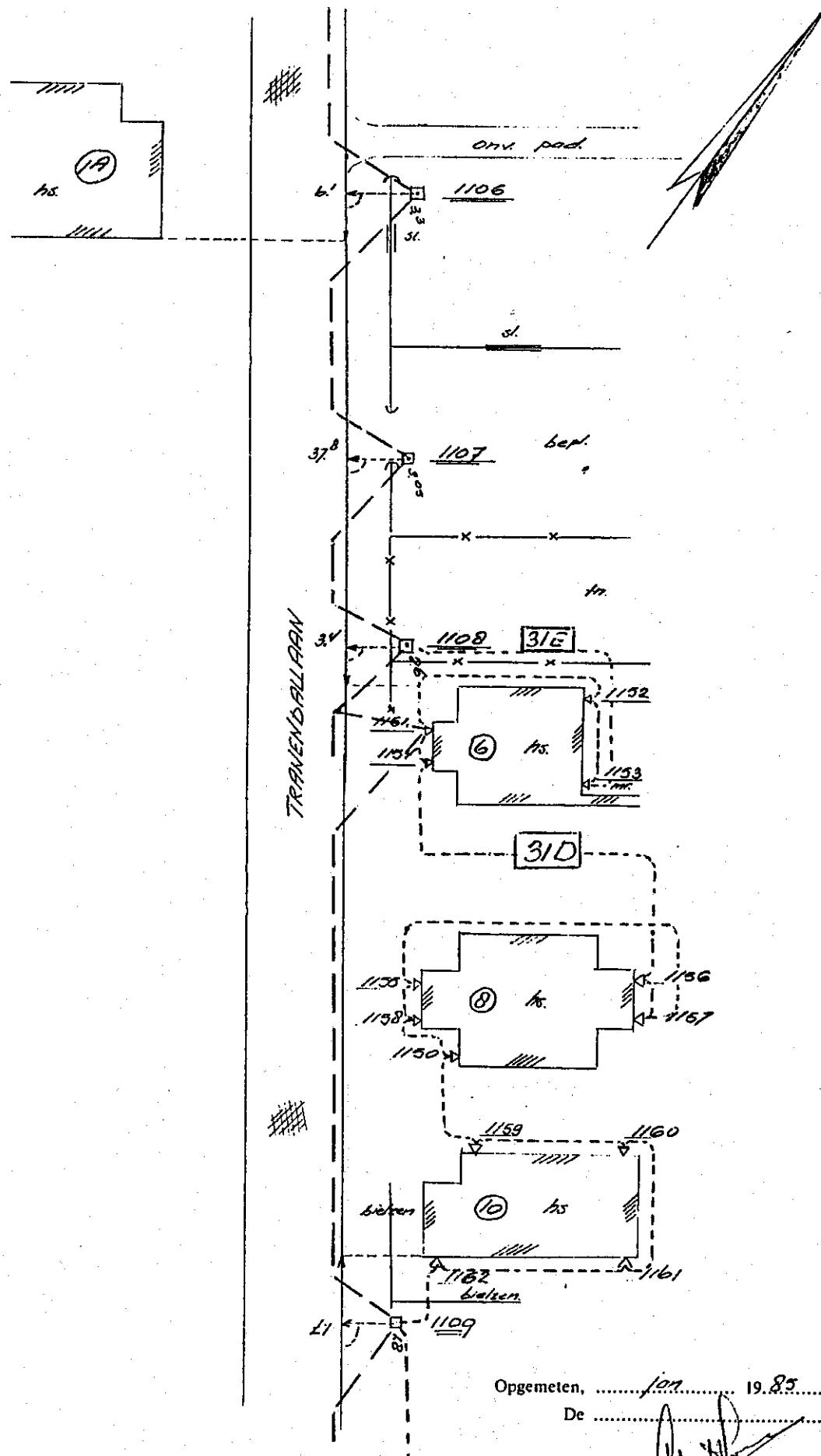


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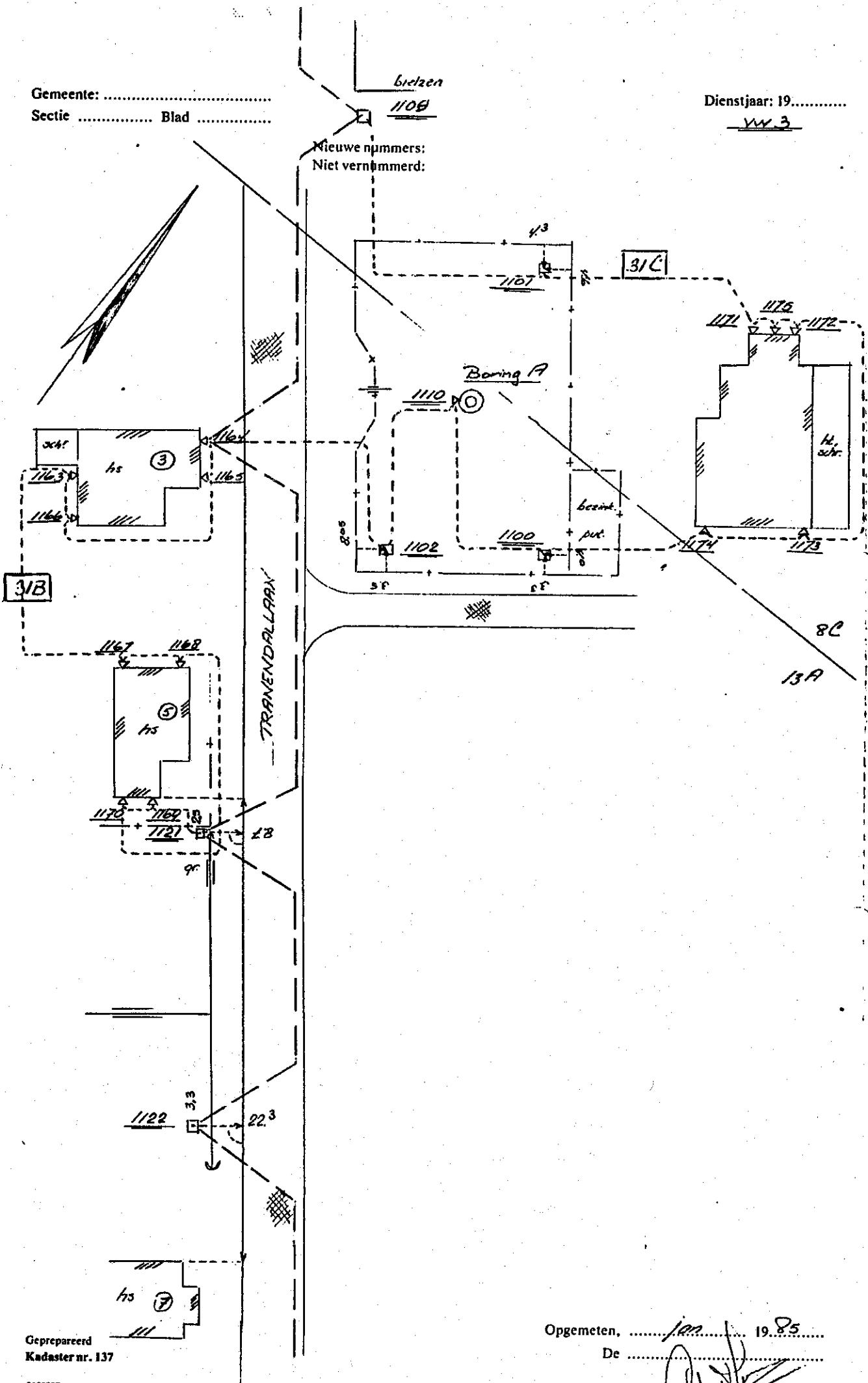
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Nieuwe nummers:
Niet vernummerd:



Gemeente:
Sectie Blad

Dienstjaar: 19.....
WW 3



Geprepareerd
Kadaster nr. 137

300082F

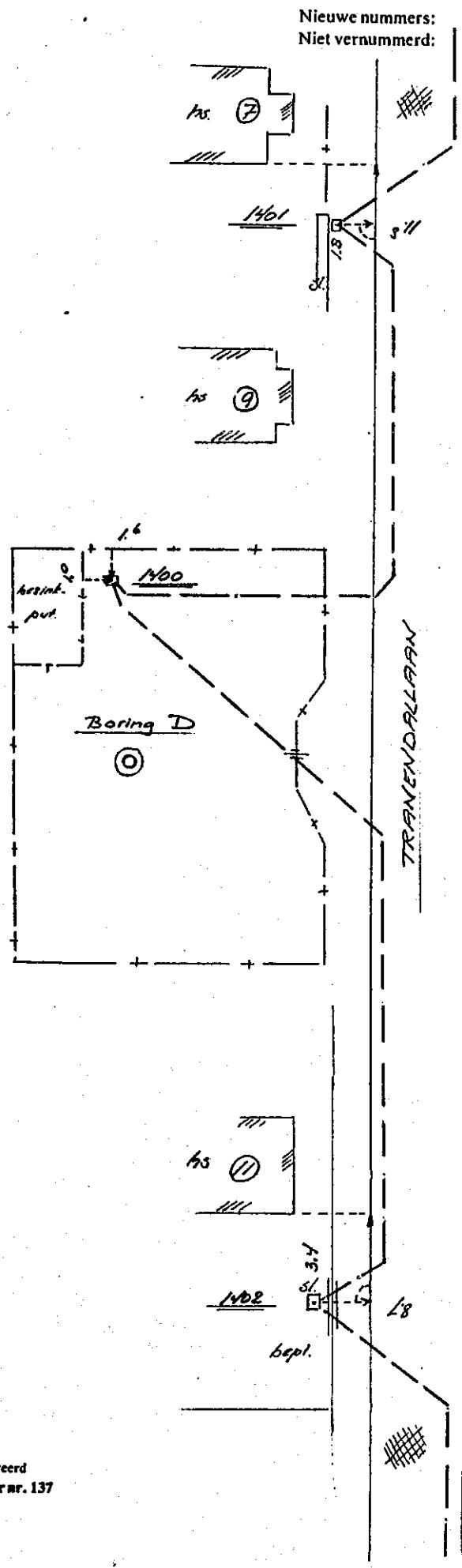
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Dienstjaar: 19.....

vvv 4

Nieuwe nummers:
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Opgemeten, / 19.85
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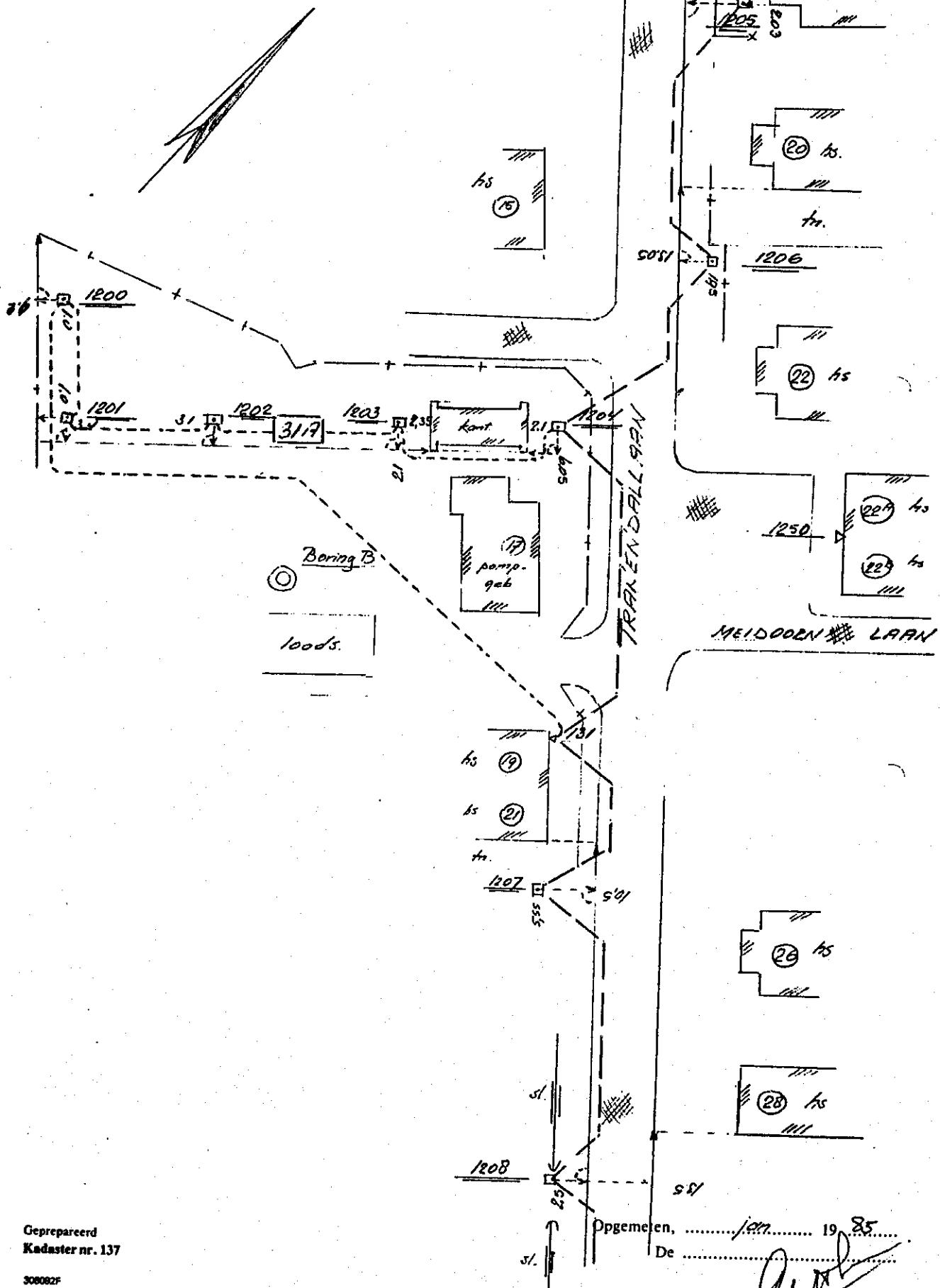
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Sectie Blad

Bouwjaar:
1911

Nieuwe nummers:
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Dienstjaar: 19.....

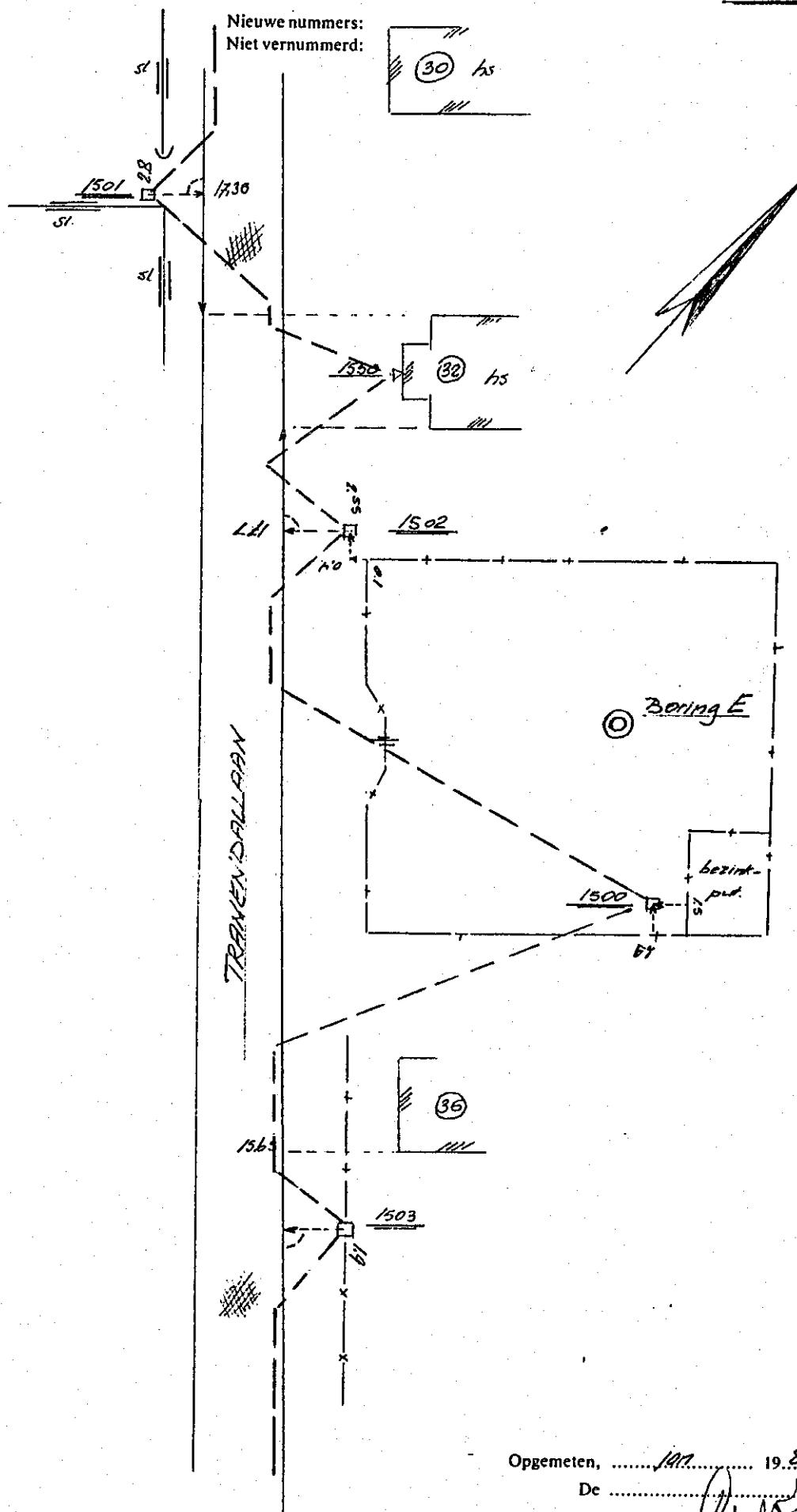
vn5



Gemeente:
Sectie Blad

Dienstjaar: 19.....

VW 6



Gemeente:
Sectie Blad

Dienstjaar: 19.....

vw 7

Nieuwe nummers:
Niet vernummerd:

15.65

3.08

1302

sl.

61

32

1303

TRIJNENDAALLAAN

beek
put

Boring C

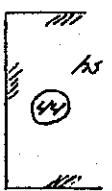
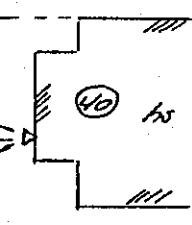
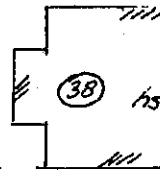
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INTSLUITINGSWEG



Geprepareerd
Kadaster nr. 137

300002F

Opgemeten, jan 19.85

De

Crookshank