

PETER E. WALCOTT & ASSOC. LTD.

Elevation Data

020725

Date 1/5/74

Surveyor

A.C.

Rodman

S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|------------|------|---------------------|-------|----------|--------------------|-------------------|---------|--------------|-------|--------|--------------|---------|-------------------------|
| | | | | | B.S. | F.S. | | | | | | | |
| TIE TO | LINE | 144.00 @ | 175 | from | 144 | @ 0.700 | | | | | | | |
| | | 5.575 | 3.56 | | 4.57 ⁶ | | 88°20' | 201.5 | .0291 | +5.86 | +10.43 | ✓ | |
| | | 3.725 | 1.88 | | | | 93°20' | 187.5 | .0580 | +10.99 | +8.18 | ✓ | |
| | | 5.08 | 3.505 | | 4.30 [✓] | | 85° | 157.5 | .0868 | +13.67 | +17.97 | ✓ | |
| | | 2.21 | 4.11 | | | | 95° | 200 | .0868 | +17.36 | +12.16 | ✓ | |
| | | 5.503 | 3.12 | | 4.05 [✓] | | 91°30' | 218.5 | .0262 | -5.72 | -1.25 | ✓ | |
| | | 4.725 | 2.54 | | | | 84°30' | 218.5 | .0954 | -20.84 | -24.46 | ✓ | |
| | | 3.31 | 2.00 | | 2.76 ⁵ | | 96° | 191 | .1040 | -19.86 | -16.91 | ✓ | |
| | | 6.13 | 4.45 | | | | 74° | 118 | .2650 | -31.27 | -36.81 | ✓ | |
| | | 2.655 | 1.21 | | 2.00 [✓] | | 95°30' | 129.5 | .0954 | -12.35 | -10.36 | ✓ | |
| | | 6.045 | 5.12 | | | | 77° | 92.5 | .2192 | -20.28 | -25.86 | ✓ | |
| | | | | | | | | | | | | | -66.71 211.57 277.18 |
| TIE LINE | 405 | | | | | | | | | | | | 2454.37 |
| | | 6.96 | 4.44 | | 5.70 ⁶⁰ | | 90° | 252 | — | | +5.69 | 2460.06 | |
| 146 | E | 7.56 | 6.76 | | | 7.16 | 270° | 80 | — | | -7.16 | | 2452.90 |
| 148 | | 7.20 | 6.06 | | | 6.64 ³ | 90° | 114 | — | | -6.64 | | 2453.42 |
| | | 5.07 | 2.94 | | 4.01 ⁰ | | 86° | 213 | .0696 | +14.82 | +18.83 | ✓ | 2472.25 |
| 150 | | 5.31 | 5.22 | | | 5.26 | 270° | 9 | — | | -5.26 | | 2466.99 |
| | | 3.44 | 2.52 | | | 2.98 [✓] | 101° | 92 | .1873 | +17.23 | +14.25 | ✓ | 2486.50 |
| | | 5.355 ¹⁰ | 3.40 | | 4.39 ⁸ | | 85° | 195.5 | .0868 | +16.97 | +21.35 | ✓ | 2507.85 |
| 152 | | 6.67 | 5.74 | | | 6.21 | 275° | 93 | .0868 | -8.07 | -11.28 | ✓ | 2493.57 |
| IN TIE 152 | | 6.97 | 6.34 | | | 6.65 [✓] | 278° | 63 | .0868 | -5.47 | -12.12 | ✓ | 2495.73 41.26 |
| | | 6.97 | 6.34 | | 6.65 | | 85° | 63 | .0868 | +5.47 | +12.12 | ✓ | 2507.85 |
| 154 | | 3.35 | 2.30 | | | 3.83 | 259°30' | 105 | .1792 | +18.82 | +14.99 | ✓ | 2522.84 |

GAL-DY-1974

G-6

PETER E. WALCOTT & ASSOC. LTD.

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Surveyor AC

Rodman S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION | | |
|----------------|------|--------------------|------|----------|------|-------------------|---------|--------------|-------|--------|--------------|---------|-----------|--------|--|
| | | | | | B.S. | F.S. | | | | | | | | | |
| Tie Line | 405 | | | | | | | | | | | | | | |
| - | | 4.51 | 2.56 | | | 3.53 ⁵ | 257°10' | 195 | .2166 | +42.24 | +38.70 | ✓ | 2546.55 | | |
| | | 5.245 | 3.22 | | | 4.24 ³ | 86°30' | 202.5 | .0609 | +12.33 | +16.57 | 2563.12 | | | |
| 156 | | 3.84 | 2.97 | | | 3.41 | 273°30' | 87 | .0609 | -5.30 | -8.71 | | 2554.41 | | |
| 158 | | 2.915 ^① | 1.76 | | | 2.34 ³ | 90°- | 115.5 | .1040 | +12.01 | +9.68 | ✓ | 2572.80 | | |
| | | 4.635 | 3.20 | | | 3.92 ¹ | 85°- | 143.5 | .0868 | +12.46 | +16.37 | 2589.17 | | | |
| INT. 160 | | 1.43 | 0.87 | | | 1.16 ⁵ | 90°- | 54 | - | | -1.16 | | 2588.01 | 133.64 | |
| | | | | | | | | | | | | | | | |
| Line 160 + 00' | | | | | | | | | | | | | | | |
| | | 6.62 | 4.62 | | | 5.62 ³ | 90°- | 204 | - | | +5.63 | 2593.64 | | | |
| +100? 39 | | 6.17 | 5.01 | | | 5.60 | 270°- | 118 | - | | -5.60 | | 2588.04 | | |
| 38 | | 5.61 | 5.43 | | | 5.52 | 90°- | 18 | - | | -5.52 | | 2588.12 | | |
| 37 | | 2.81 | 1.99 | | | 2.40 | 90°- | 82 | - | | -2.40 | | 2591.24 | | |
| | | 3.98 | 2.50 | | | 3.24 ³ | 90°- | 148 | - | | +3.24 | 2594.48 | | | |
| 36 | | 2.79 | 2.31 | | | 2.55 | 270°- | 48 | - | | -2.55 | | 2591.93 | | |
| 35 | | 6.96 | 6.46 | | | 6.71 | 85°20' | 53 | .0811 | -4.30 | -11.01 | | 2583.47 | | |
| 34 | | 5.395 | 3.90 | | | 4.65 ⁴ | 83°- | 149.5 | .1210 | -18.09 | -22.73 | ✓ | 2571.75 | | |
| | | 1.865 | 0.75 | | | 1.31 ⁶ | 93°- | 111.5 | .0523 | -5.83 | -4.53 | 2567.22 | | | |
| 33 | | 4.10 | 4.04 | | | 4.07 | 90°- | 6 | - | | -4.07 | | 2563.15 | | |
| INT. 160 + 50' | | 6.475 | 5.55 | | | 6.03 | 85°40' | 89.5 | .0753 | -6.74 | -12.76 | | 2554.46 | 100.09 | |

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION | | |
|-----------|------|-------------------|------|----------|--------------------|-------------------|--------|--------------|-------|--------|--------------|---------|-----------|--------|--------|
| | | | | | B.S. | F.S. | | | | | | | | | |
| TIE LINE | 323 | | | | | | | | | | | | 2554.46 | | |
| | | 6.12 | 3.86 | | 4.99 ⁶ | | 85°30' | 226 | .0782 | +17.67 | +22.65 | 2577.11 | | | |
| 162 | | 6.69 | 6.59 | | | 6.64 | 270°- | 10 | — | -6.64 | -6.64 | | 2570.47 | | |
| 164 | | 4.43 | 2.57 | | | 3.50 ⁸ | 98°30' | 186 | .1517 | +28.22 | +24.73 | | 2601.84 | | |
| | | 5.19 ⁸ | 3.10 | | 4.14 | | 88°20' | 209 | .0291 | +6.08 | +10.21 | 2612.05 | | | |
| 166 | | 5.17 | 5.13 | | | 5.15 | 270°- | 4 | — | -35.15 | -5.15 | | 2606.90 | | |
| INTER 165 | | 2.655 | 1.02 | | | 1.83 | 92°40' | 163.5 | .0465 | +7.60 | +5.78 | | 2617.83 | 163.46 | |
| | | 5.58 | 3.36 | | 4.61 ⁵⁹ | | 85°- | 252 | .0868 | +21.87 | +26.47 | 2644.30 | | | |
| 170 | | 5.82 | 5.72 | | | 5.77 | 270°- | 10 | — | -5.77 | -5.77 | | 2638.53 | | |
| 172 | | 4.405 | 2.54 | | | 3.50 ⁷ | 95°30' | 192.5 | .0954 | +18.36 | +14.88 | | 2659.18 | | |
| | | 6.15 | 3.96 | | 5.05 ⁴ | | 83°- | 219 | .1210 | +26.50 | +31.54 | 2670.72 | | | |
| 174 | | 6.00 | 5.50 | | | 5.90 | 277°- | 20 | .1210 | -9.42 | -8.32 | | 2682.40 | | |
| 176 | | 2.205 | 2.70 | | | 3.50 ⁹ | 97°40' | 183.5 | .1322 | +24.26 | +21.20 | | 2711.92 | 257.55 | 179.55 |
| | | 4.50 | 2.96 | | 3.23 | | 79°30' | 193.5 | .1792 | +34.68 | +38.60 | 2750.52 | | | |
| | | 4.895 | 5.70 | | | 5.74 | 275°- | 4 | — | | -5.74 | | 2744.78 | | 181.51 |
| 180 | | 3.955 | 1.9 | | | 2.95 ⁶ | 97°30' | 197.5 | .1628 | +32.15 | +29.18 | | 2779.70 | | 183.59 |
| | | 6.67 | 4.5 | | 5.56 ³ | | 80°10' | 221 | .1683 | +37.19 | +42.73 | 2822.43 | | | |
| 182 | | 7.16 | 7.03 | | | 7.03 | 274°- | 16 | .0696 | -1.11 | -8.19 | | 2814.24 | | 185.66 |
| | | 5.22 | 1.38 | | | 2.10 | 45°30' | 184 | .1462 | +26.90 | +24.01 | | 2846.44 | 392.07 | 187.58 |

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|--------------|------|-------------|------|----------|-------------------|---------------------|---------|--------------|--------|--------|--------------------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 168+00E | | | | | | | | | | | | | 2617.83 |
| | | 6.82 | 4.95 | | 5.89 ⁷ | | 88°30' | 187 | .0262 | +4.90 | +10.78 | 2628.61 | |
| 335 | | 5.27 | 4.37 | | | 4.83 | 271°30' | 88 | .0262 | -2.31 | -7.14 | | 2621.47 |
| 34 | | 4.89 | 4.78 | | | 4.84 | 90° | 11 | — | | -4.84 | | 2623.71 |
| 35 | | 4.44 | 3.32 | | | 3.88 | 92° | 112 | .0349 | +3.91 | +0.03 | | 2628.64 |
| 36 | | 5.70 | 3.54 | | | 4.61 ^{.58} | 91°20' | 216 | .0233 | +5.03 | +0.44 | | 2629.05 |
| | | 4.44 | 2.24 | | 3.34 ³ | | 90° | 220 | — | | +3.34 | 2632.39 | |
| 37 | | 4.88 | 3.66 | | | 4.27 | 270° | 122 | — | | -4.27 | | 2628.12 |
| 38 | | 4.99 | 4.78 | | | 4.89 | 270° | 21 | — | | -4.89 | | 2627.50 |
| 39 | | 4.34 | 3.52 | | | 3.94 | 90° | 82 | — | | -3.94 | | 2628.45 |
| 40 | | 3.13 | 1.32 | | | 2.22 ⁰ | 92°50' | 181 | .0494 | +8.94 | +6.73 | | 2639.12 |
| | | 6.825 | 4.80 | | 5.84 ³ | | 82°40' | 208.5 | .1266 | +26.40 | +32.23 | 2671.35 | |
| 41 | | 6.88 | 5.79 | | | 6.34 | 277°20' | 109 | .1266 | -13.80 | -20.14 | | 2651.21 |
| 42 | | 6.00 | 5.92 | | | 5.96 | 270° | 8 | — | | -5.96 | | 2665.37 |
| 43 | | 2.42 | 2.50 | | | 2.96 | 95°20' | 92 | .0925 | +8.51 | +5.55 | | 2676.84 |
| 44 | | 6.955 | 5.04 | | | 5.99 ⁷ | 94°40' | 191.5 | .0811 | +15.53 | +7.55 ⁵ | | 2680.90 |
| | | 6.825 | 4.75 | | 5.79 ⁷ | | 85°20' | 207.5 | .0811 | +16.83 | +22.61 | 2703.51 | |
| 45 | | 7.225 | 6.16 | | | 6.70 | 274°40' | 106.5 | .10811 | -8.64 | -15.34 | | 2688.17 |
| 46 | | 5.69 | 5.62 | | | 5.66 | 270° | 7 | — | | -5.66 | | 2697.85 |
| 47 | | 3.07 | 2.11 | | | 2.59 | 94°30' | 96 | .0782 | +7.51 | +4.92 | | 2708.43 |
| 48 | | 4.44 | 2.50 | | | 3.47 ⁶ | 95° | 194 | .0868 | +16.84 | +3.37 | | 2716.88 |
| | | 6.91 | 4.84 | | 5.82 ⁷ | | 87°30' | 197 | .0436 | +8.59 | +14.41 | 2731.29 | |
| 49 | | 4.97 | 4.06 | | | 4.52 | 272°30' | 91 | .0436 | -3.97 | -8.49 | | 2722.80 |
| 50 | | 4.92 | 4.84 | | | 4.88 | 90° | 8 | — | | -4.88 | | 2726.41 |
| 51 | | 3.53 | 2.48 | | | 3.01 | 91°30' | 113 | .0262 | +2.96 | -0.05 | | 2731.24 |

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|-----------------------|------|--------------------|------|----------|------|---------------------|---------|--------------|-------|--------|--------------|---------|------------------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 168 00E | | | | | | | | | | | | | |
| 52 | 5 | 5.73 | 3.68 | | | 4.70 ⁶³ | 91°30' | 205 | .0262 | +5.37 | +0.68 | | 2731.97 |
| | | 7.22 | 5.28 | | | 6.24 ³ | 91° - | 194 | .0174 | +3.38 | +2.86 | 2734.83 | |
| 53 | | 3.74 | 2.78 | | | 3.26 | 269° - | 96 | .0174 | +1.67 | -1.59 | | 2733.24 |
| 54 | | 5.28 | 5.20 | | | 5.24 | 210° - | 8 | - | - | -5.24 | | 2729.59 |
| 55 | | 4.05 | 3.02 | | | 3.56 | 92° - | 108.5 | .0349 | +3.79 | +0.23 | | 2735.06 |
| 56 | | 5.23 | 3.18 | | | 4.17 ⁷ | 93°50' | 205 | .0667 | +13.67 | +9.49 | | 2744.32 |
| ?? | | 7.03 | 4.86 | | | 5.96 ⁴ | 76°20' | 217 | .2296 | +49.82 | +55.71 | 2800.09 | |
| 57 | | 7.16 | 6.07 | | | 6.62 | 284°10' | 109 | .2373 | -25.87 | -32.49 | | 2767.60 |
| 58 | | 6.92 | 6.84 | | | 6.88 | 270° - | 8 | - | - | -6.88 | | 2793.21 |
| 59 | | 3.36 | 2.40 | | | 2.88 | 105°20' | 96 | .2550 | +24.48 | +21.60 | | 2821.69 |
| 60 | | 6.38 | 4.34 | | | 5.36 ³ | 106°10' | 204 | .2674 | +54.55 | +49.26 | | 2849.29 |
| | | 5.688 | 3.72 | | | 4.70 ⁶³ | 74° - | 196.5 | .2650 | +52.07 | +56.76 | 2906.05 | |
| 61 | | 6.32 | 5.32 | | | 5.85 | 287° - | 94 | .2796 | -26.28 | -32.13 | | 2873.92 |
| 62 | | 2.74 | 2.63 | | | 2.69 | 90° - | 11 | - | - | -2.69 | | 2903.36 |
| 63 | | 4.905 | 3.64 | | | 4.23 | 106° - | 116.5 | .2650 | +30.87 | +26.64 | | 2932.69 |
| Inter. 64 | | 4.895 | 2.62 | | | 3.75 ² | 106°30' | 227.5 | .2723 | +61.95 | +58.21 | | 2964.26 |
| | | | | | | | | | | | | | 2964.11 TIE 0.15 |
| LINE 176 00E | | | | | | | | | | | | | |
| | | 4.225 ^① | 1.80 | | | 3.01 ^{.97} | 94°20' | 242.5 | .0753 | -18.26 | -15.26 | 3035.52 | 3050.78 |
| Constant Rodman 63 | | 4.73 | 3.74 | | | 4.24 | 268° - | 99 | .0349 | +3.46 | -0.78 | | 3034.74 |
| 62 | | 2.72 | 2.45 | | | 2.58 | 270° - | 27 | - | - | -2.58 | | 3032.94 |
| 61 | | 4.415 | 3.66 | | | 4.04 | 90° - | 75.5 | - | - | -4.04 | | 3031.48 |
| 60 | | 4.53 | 2.78 | | | 3.66 ⁴ | 91°30' | 175 | .0262 | +4.59 | +0.94 | | 3036.46 |

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Rodman

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|--------------|------|-------------------|-------------------|----------|-------------------|-------------------|---------|--------------|-------|--------|--------------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 172+00E | | | | | | | | | | | | | |
| | | 6.83 | 6.06 | | 6.45 ⁴ | | 84°30' | 77 | .0954 | +7.35 | +13.79 | 3050.25 | |
| 59 | | 7.34 | 7.16 | | | 7.25 | 86°30' | 18 | .0609 | -1.10 | -8.35 | | 3041.90 |
| 58 | | 7.06 | 5.90 | | | 6.48 ⁴ | 80°30' | 116 | .1628 | -18.88 | -25.36 | | 3024.89 |
| | | 5.37 ³ | 2.80 ⁶ | | 4.09 ⁵ | | 111°20' | 257 | .3389 | -87.10 | -83.02 | 2941.86 | |
| 57 | | 2.96 | 1.58 | | | 2.27 | 253°- | 138 | .2796 | +38.58 | +36.31 | | 2978.17 |
| 56 | | 4.54 ⁵ | 4.26 | | | 4.10 | 253°- | 285 | .2796 | +7.97 | +3.57 | | 2945.43 |
| 55 | | 4.37 | 3.52 | | | 3.75 | 68°40' | 85 | .3389 | -28.81 | -32.76 | | 2909.10 |
| 54 | | 6.32 | 4.40 | | | 5.38 ⁶ | 76°10' | 188 | .2322 | -43.65 | -47.02 | | 2892.84 |
| | | 3.79 | 3.36 | | 4.32 ² | | 85°20' | 193 | .0811 | +15.65 | +20.48 | 2913.32 | |
| 53 | | 6.38 ⁵ | 5.44 | | | 5.91 | 276°40' | 94.5 | .1153 | -10.90 | -16.81 | | 2896.51 |
| 52 | | 4.65 | 4.60 | | | 4.62 | 90°- | | - | | -4.62 | | 2908.70 |
| 51 | | 6.04 | 4.70 | | | 5.46 | 92°30' | 114 | .0436 | +4.97 | -0.49 | | 2912.83 |
| - | | 6.82 ⁵ | 5.08 | | | 5.73 ⁴ | 91°50' | 174.5 | .0320 | +5.58 | -0.36 | | 2912.96 |
| | | 5.53 | 3.88 | | 4.70 ⁴ | | 77°- | 165 | .2192 | +36.17 | +40.87 | 2953.83 | |
| 50 | | 6.77 ⁵ | 4.96 | | | 5.56 | 289°30' | 121.5 | .3147 | -38.24 | -43.80 | | 2910.03 |
| 49 | | 7.25 | 7.16 | | | 7.21 | 270°- | | - | | -7.21 | | 2946.62 |
| 48 | | 6.51 | 5.67 | | | 6.09 | 87°- | 84 | .0523 | -4.39 | -10.48 | | 2943.35 |
| 47 | | 6.73 ⁵ | 5.10 | | | 6.02 | 87°30' | 183.5 | .0378 | -6.94 | -12.75 | | 2940.88 |
| | | 4.09 ⁵ | 3.00 | | 3.57 ⁴ | | 94°- | 103.5 | .0696 | -7.20 | -3.63 | 2937.25 | |
| 46 | | 2.98 | 2.93 | | | 2.95 | 270°- | | - | | -2.95 | | 2934.30 |
| 45 | | 4.49 ⁵ | 3.50 | | | 3.99 | 80°40' | 99.5 | .1600 | -15.92 | -19.91 | | 2917.34 |
| 44 | | 7.12 | 5.18 | | | 6.14 ³ | 81°50' | 194 | .1406 | -27.28 | -33.41 | | 2903.84 |
| | | 4.64 ⁵ | 2.66 | | 3.64 ³ | | 98°- | 198 | .1378 | -27.28 | -23.65 | 2880.19 | |
| 43 | | 2.51 | 1.85 | | | 2.33 | 263°30' | 96 | .1125 | +10.80 | +8.47 | | 2888.66 |

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION | |
|--------------|------|-------------|------|----------|------|--------------------|---------|--------------|-------|--------|--------------|---------|-----------|----------|
| | | | | | B.S. | F.S. | | | | | | | | |
| LINE 176 00E | | | | | | | | | | | | 2880.19 | | |
| 42S | | 6.14 | 6.05 | | | 6.09 | 90°- | 9 | - | | -6.09 | | 2874.10 | |
| 41 | | 6.81 | 5.68 | | | 6.24 | 77°40' | 113 | .2087 | -23.58 | -29.82 | | 2850.37 | |
| | | 5.98(3) | 3.96 | | | 4.97 ⁵ | 102°20' | 202 | .2097 | -42.16 | -37.20 | 2813.17 | | |
| 40 | | 3.935 | 2.94 | | | 3.44 | 257°40' | 99.5 | .2087 | +20.77 | +17.33 | | 2830.50 | |
| 39 | | 4.01 | 3.93 | | | 3.97 | 270°- | 8 | - | | -3.97 | | 2809.20 | |
| 38 | | 7.05 | 6.04 | | | 6.54 | 78°10' | 101 | .2007 | -20.27 | -26.81 | | 2786.36 | |
| 37 | | 7.285 | 5.30 | | | 6.29 ⁸ | 76°50' | 198.5 | .2218 | -41.03 | -50.31 | | 2762.86 | |
| | | 5.295 | 2.86 | | | 4.07 ⁵ | 98°30' | 242.5 | .1462 | -35.60 | -31.54 | 2731.32 | | |
| 36 | | 3.03 | 1.59 | | | 2.31 | 263°- | 144 | .1210 | +17.42 | +15.11 | | 2746.43 | |
| 35 | | 1.64 | 1.20 | | | 1.42 | 268°- | 44 | .0349 | +15.4 | +0.12 | | 2731.44 | |
| 34 | | 7.07 | 6.49 | | | 6.78 | 81°30' | 58 | .1462 | -8.48 | -15.26 | | 2716.06 | |
| 33 | | 5.465 | 4.08 | | | 4.77 | 85°30' | 138.5 | .0782 | -10.83 | -15.60 | | 2715.72 | |
| 32 | | 6.32 | 4.48 | | | 5.65 ⁴ | 86°40' | 234 | .0580 | -13.57 | -19.22 | | 2712.10 | |
| | | | | | | | | | | | | | 2711.92 | TIE 0.18 |
| LINE 160 00E | | | | | | | | | | | | 2588.01 | | |
| | | 4.17 | 1.59 | | | 2.58 ⁷ | 90°- | 258 | - | | +2.88 | 2590.89 | | |
| 41S | | 7.12 | 5.88 | | | 6.40 | 271°- | 144 | .0174 | -2.51 | -8.91 | | 2581.98 | |
| 42 | | 5.50 | 5.12 | | | 5.31 | 271°- | 38 | .0174 | -0.66 | -5.97 | | 2584.92 | |
| 43 | | 3.67 | 3.07 | | | 3.38 | 90°- | 58 | - | | -3.38 | | 2587.51 | |
| 44 | | 2.39 | 0.80 | | | 1.60 ⁵⁵ | 91°20' | 159 | .0233 | +3.70 | +2.11 | | 2593.00 | |
| | | 6.555 | 4.34 | | | 5.45 ⁴ | 86°- | 221.5 | .0696 | +15.42 | +20.86 | 2613.86 | | |
| 45 | | 5.49 | 4.30 | | | 4.90 | 274°- | 119 | .0696 | -8.28 | -13.18 | | 2600.68 | |
| 46 | | 5.11 | 5.12 | | | 5.32 | 274°- | 19 | .0696 | -1.32 | -6.64 | | 2607.22 | |

PETER E. WALCOTT & ASSOC. LTD.
Elevation Data

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Surveyor AC

Rodman

S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|---------------|------|--------------------|--------------------|----------|------|-------------------|---------|--------------|-------|--------|--------------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 160 000E | | | | | | | | | | | | 2613.86 | |
| 475 | | 3.02 | 2.20 | | | 2.61 | 92°30' | 82 | .6436 | +3.58 | +0.97 | | 2614.83 |
| 48 | | 4.005 | 2.16 | | | 3.07 ⁵ | 94°30' | 184.5 | .0782 | +14.73 | +11.37 | | 2625.23 |
| ? | | 6.76 | 4.565 | | | 5.66 ⁰ | 86°30' | 219.5 | .0609 | +13.37 | +19.03 | 2644.26 | |
| 49 | | 6.015 | 4.84 | | | 5.42 | 273°30' | 117.5 | .0609 | -7.16 | -12.58 | | 2631.68 |
| 50 | | 6.18 | 6.02 | | | 6.10 | 270° | 16 | - | | -6.10 | | 2638.16 |
| 51 | | 3.455 | 2.60 | | | 3.02 | 86°30' | 85.5 | .0609 | -5.21 | -8.23 | | 2636.03 |
| 52 | | 6.275 | 4.42 | | | 5.35 ³ | 86°40' | 185.5 | .0580 | -10.76 | -16.10 | | 2628.16 |
| | | 6.595 | 4.28 | | | 5.44 ² | 86°40' | 231.5 | .0580 | +13.43 | +18.86 | 2647.02 | |
| 53 | | 6.76 | 5.455 | | | 6.12 | 280° | 130.5 | .1710 | -22.32 | -28.44 | | 2618.58 |
| 54 | | 7.10 | 6.84 | | | 6.97 | 284° | 26 | .2347 | -6.10 | -13.07 | | 2633.95 |
| 55 | | 4.30 | 3.48 | | | 3.88 | 105° | 82 | .2500 | +20.50 | +16.62 | | 2663.64 |
| 56 | | 4.74 | 2.82 | | | 3.77 ⁵ | 105° | 190 | .2500 | +47.50 | +43.74 | | 2690.76 |
| | | 6.965 ⁰ | 5.06 | | | 6.02 ⁰ | 76°30' | 190 | .2270 | +43.13 | +49.14 | 2737.90 | |
| 57 | | 3.85 | 2.94 | | | 3.40 | 283°30' | 91 | .2270 | -20.66 | -24.06 | | 275.84 |
| 58 | | 3.93 | 3.83 | | | 3.88 | 90° | 10 | - | | -3.88 | | 2736.02 |
| 59 | | 4.785 | 3.62 | | | 4.21 | 100°50' | 116.5 | .1846 | +21.51 | +17.30 | | 2757.20 |
| 60 | | 5.135 ³ | 2.92 | | | 4.02 [✓] | 101° | 221 | .1873 | +41.39 | +37.37 | | 2777.27 |
| | | 6.90 | 4.90 | | | 5.91 ⁰ | 76°30' | 200 | .2270 | +45.40 | +51.31 | 2828.58 | |
| 61 | | 6.36 | 5.40 | | | 5.89 | 283°30' | 96 | .2270 | -21.79 | -27.68 | | 2800.90 |
| 62 | | 4.86 | 4.82 | | | 4.84 | 90° | 4 | - | | -4.84 | | 2823.74 |
| 63 | | 3.385 | 2.31 | | | 2.85 ⁴ | 101°20' | 107.5 | .1927 | +20.72 | +17.87 | | 2846.45 |
| | | 6.74 ⁰ | 5.685 ⁰ | | | 6.23 ² | 76°40' | 105 | .2244 | +23.56 | +29.79 | 2876.24 | |
| 64 | | 5.38 | 5.34 | | | 5.36 ⁰ | 90° | 4 | - | - | -5.36 | | 2870.88 |

2870.96

TIE 0.08

PETER E. WALCOTT & ASSOC. LTD.

Elevation Data

Date 2/5/74

Surveyor AC

Rodman

S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|--------------|------|--------------------|------|----------|---------------------|-------------------|---------|--------------|-------|--------|--------------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 15 +00F | | | | | | | | | | | | | 2847.77 |
| | | 0.97 | 0.52 | | 0.74 ^v | | 100°10' | 45 | .1737 | -7.82 | -7.08 | 2840.69 | |
| 63 | | 6.775 | 6.62 | | | 6.79 | 70°- | 35.5 | .3214 | -11.41 | -18.20 | | 2822.49 |
| 62 | | 6.70 ⁹⁵ | 5.18 | | | 5.95 ^u | 67°30' | 152 | .3280 | -49.86 | -55.80 | | 2784.89 |
| | | 5.18 | 3.36 | | 4.37 ⁶ | 4.3 | 109°30' | 162 | .3147 | -50.98 | -46.62 | 2738.27 | |
| 61 | | 3.78 | 3.32 | | | 3.2 | 250°30' | 49.5 | .3147 | +15.58 | +11.94 | | 2750.21 |
| 60 | | 7.05 | 6.43 | | | 6.74 | 75°10' | 62 | .2475 | -15.35 | -22.09 | | 2716.18 |
| - | | 6.66 | 5.81 | | | 5.98 ⁷ | 72°30' | 135 | .2820 | -38.07 | -44.05 | | 2694.22 |
| | | 4.55 | 2.32 | | 3.18 ⁶ | | 109°15' | 173.5 | .3101 | -53.80 | -50.63 | 2643.59 | |
| 59 | | 5.75 | 4.40 | | | 5.06 | 250°50' | 131.5 | .3101 | +40.78 | +35.72 | | 2679.31 |
| 58 | | 1.76 | 1.34 | | | 1.40 | 27°- | 12 | - | | -1.40 | | 2642.19 |
| 57 | | 6.775 | 5.84 | | | 6.30 | 71°30' | 93.5 | .2868 | -26.82 | -33.12 | | 2616.47 |
| 56 | | 6.905 | 4.92 | | | 5.91 ⁰ | 74°30' | 178.5 | .2875 | -51.11 | -57.02 | | 2586.57 |
| | | 4.46 | 2.34 | | 3.00 ¹³⁰ | | 99°30' | 212 | .628 | -34.51 | -31.12 | 2555.45 | |
| 55 | | 2.96 | 1.85 | | | 2.40 | 264°30' | 111 | .0954 | +10.59 | +8.19 | | 2563.64 |
| 54 | | 4.80 | 4.69 | | | 4.74 | 27°- | 11 | - | | -4.74 | | 2550.71 |
| 53 | | 7.27 | 6.38 | | | 6.83 | 84°- | 89 | .1040 | -9.26 | -16.09 | | 2539.36 |
| 52 | | 6.44 | 4.58 | | | 5.50 | 83°30' | 186 | .1125 | -20.93 | -26.43 | | 2529.02 |
| | | 5.965 | 3.82 | | 4.87 ³ | | 94°- | 214.5 | .0636 | -14.93 | -10.04 | 2518.98 | |
| 51 | | 4.255 | 3.18 | | | 3.73 | 266°- | 110.5 | .0696 | +7.69 | +3.96 | | 2522.94 |
| 50 | | 4.61 | 4.56 | | | 4.62 | 270°- | 12 | - | | -4.62 | | 2514.36 |
| 49 | | 7.29 | 6.40 | | | 6.85 | 85°30' | 89 | .0782 | -6.96 | -13.81 | | 2505.17 |
| 48 | | 7.045 | 5.14 | | | 6.09 ⁴ | 85°30' | 190.5 | .0782 | -14.90 | -20.78 | | 2498.00 |
| | | 4.95 | 2.50 | | 3.86 ⁴ | | 92°30' | 215 | .0936 | -9.37 | -5.52 | 2492.48 | |
| 47 | | 6.095 | 4.96 | | | 5.53 | 269°- | 113.5 | .0174 | +1.97 | -3.56 | | 2488.92 |

PETER E. WALCOTT & ASSOC. LTD.

Elevation Data

Date 17/4/74 Surveyor H.C.

Rodman

S. S.

Instrument

T.M. 20 C.

Page 1

| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | DIST Azi-muth | R.F. | PROD DIFF. | ELEV DIFF | H.I. | ELEVATION |
|----------|------|----------|------|-------|------|-------|---------|---------------|-------|------------|-----------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 120 | T.P. | 5.56 | 3.56 | 200 | 4.56 | | 88°- | 200 | .0349 | +6.98 | +11.54 | 2899.97 | 2888.13 |
| 395 | | 4.56 | 3.59 | | | 4.08 | 272°- | 97 | .0349 | -3.39 | -7.47 | | 2892.50 |
| 38 | | 4.95 | 4.89 | | | 4.92 | 90°- | 6 | | | -4.92 | | 2895.05 |
| 37 | | 3.49 | 2.32 | | | 2.91 | 98°30°- | 117 | .0609 | +7.13 | +4.22 | | 2904.19 |
| 36 | | 3.715 | 1.50 | | | 2.60 | 96°40' | 221.5 | .1153 | +25.54 | +22.94 | | 2922.91 |
| | | 5.88 | 3.95 | | 4.92 | | 85°30' | 193 | .0782 | +15.09 | +20.01 | 2942.92 | |
| 35 | | 3.75 | 2.82 | | | 3.28 | 274°30' | 93 | .0782 | -7.27 | -10.55 | | 2932.37 |
| 34 | | 5.24 | 5.17 | | | 5.20 | 90°- | 7 | | | -5.20 | | 2937.72 |
| 33 | | 5.455 | 4.42 | | | 4.94 | 87°20' | 102.3 | .0465 | -4.76 | -9.70 | | 2933.22 |
| 32 | | 6.80 | 4.79 | | | 5.80 | 86°30' | 201 | .0609 | +12.24 | -18.03 | | 2924.89 |
| | | 3.825 | 1.94 | | 2.89 | | 91°40' | 188.5 | .0291 | -5.49 | -2.61 | 2922.28 | |
| 31 | | 4.305 | 3.37 | | | 3.84 | 268°20' | 93.5 | .0291 | +2.72 | -1.12 | | 2921.16 |
| 30 | | 5.73 | 5.67 | | | 5.70 | 90°- | 6 | | | -5.70 | | 2916.58 |
| 29 | | 2.94 | 1.86 | | | 2.39 | 87°20' | 108 | .0465 | -5.02 | -7.41 | | 2914.87 |
| 28 | | 6.715 | 4.66 | | | 5.685 | 89°40' | 205.5 | .0058 | -1.19 | -6.87 | | 2915.41 |
| | | 3.755 | 1.78 | | 2.76 | | 90°20' | 197.5 | .0058 | -1.15 | +1.61 | 2917.02 | |
| 27 | | 4.10 | 3.10 | | | 3.60 | 270°- | 100 | | | -3.60 | | 2913.42 |
| 26 | | 5.52 | 5.48 | | | 5.50 | 90°- | 4 | | | -5.50 | | 2911.52 |
| 25 | | 7.13 | 6.09 | | | 6.61 | 90°- | 104 | | | -6.61 | | 2910.41 |
| 24 | | 6.785 | 4.74 | | | 5.76 | 89°- | 204.5 | .0174 | -3.56 | -9.32 | | 2907.70 |
| | | 3.22 | 1.29 | | 2.25 | | 90°- | 193 | | | +2.25 | 2909.95 | |
| 23 | | 3.77 | 2.77 | | | 3.27 | 270°- | 100 | | | -3.27 | | 2906.68 |
| 22 | | 5.25 | 5.21 | | | 5.23 | 90°- | 4 | | | -5.23 | | 2904.72 |
| 21 | | 5.95 | 4.88 | | | 5.42 | 90° | 107 | | | -5.42 | | 2904.53 |
| 20 | | 4.73 | 2.64 | | | 3.69 | 90° | 209 | | | -3.68 | | 2906.27 |

PETER E. WALCOTT & ASSOC. LTD.

Elevation Data

Date

17th

Surveyor

RC

Rodman

S. S.

Instrument

Page

2

| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | DIST Azi- muth | R.F. | Prob DIFF. | ELEV DIFF | H.I. | ELEVATION |
|--------------|------|-------------|------|----------|--------------------|-------------------|---------|----------------------|-------|---------------|--------------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 120 | | 6.835 | 5.79 | | 6.31 [✓] | | 87°- | 104.5 | .0523 | +5.47 | +11.75 | 2918.05 | |
| 195 | | 4.36 | 4.28 | | | 4.32 | 270°- | 8 | — | — | -4.32 | | 2913.73 |
| - | | 5.89 | 5.16 | | | 5.52 [✓] | 76°- | 73 | .2247 | -17.13 | -22.65 | | 2895.40 |
| | | 6.41 | 5.34 | | 5.88 [✓] | | 83°- | 107 | .1210 | +12.75 | +18.83 | 2914.23 | |
| 18 | | 6.57 | 5.70 | | | 6.13 | 278°20' | 87 | .1434 | -12.48 | -18.61 | | 2894.62 |
| 17 | | 2.17 | 2.01 | | | 2.09 | 90°- | 16 | — | — | -2.09 | | 2912.14 |
| 16 | | 2.94 | 1.74 | | | 2.34 ³ | 96°- | 120 | .1040 | +12.48 | +10.15 | | 2924.38 |
| TIE LINE 165 | | 5.48 | 3.63 | | 4.56 ⁵ | | 92°- | 155 | .0397 | -6.46 | -1.70 | 2922.48 | |
| 122 | | 4.76 | 4.72 | | | 4.74 | 270°- | 4 | — | — | -4.74 | | 2917.74 |
| 124 | | 6.28 | 4.31 | | | 5.30 ⁹ | 86° | 197 | .0696 | -13.71 | -19.01 | | 2903.47 |
| | | 3.69 | 1.72 | | 2.71 ⁶⁹ | | 94°50' | 197 | .0846 | -16.55 | -13.85 | 2889.62 | |
| 126 | | 5.14 | 5.08 | | | 5.11 | 90°- | 6 | — | — | -5.11 | | 2884.51 |
| 128 | | 6.29 | 4.22 | | | 5.26 ⁵ | 85°30' | 207 | .0782 | -16.19 | -21.44 | | 2868.18 |
| | | 3.575 | 1.53 | | 2.55 ⁴ | | 92°20' | 209.5 | .0907 | -8.32 | -5.78 | 2862.40 | |
| 130 | | 5.58 | 5.54 | | | 5.56 | 90°- | 4 | — | — | -5.56 | | 2856.84 |
| 131 - | | 5.84 | 4.84 | | | 5.34 ³ | 88°- | 100 | .0340 | -3.49 | -8.83 | | 2853.57 |
| | | 2.925 | 1.48 | | 2.21 ⁰ | | 102°10' | 144.5 | .2060 | -29.77 | -27.56 | 2826.01 | |
| 132 | | 1.68 | 1.29 | | | 1.48 | 266°10' | 39 | .0667 | +2.60 | -1.48 | | 2824.53 |
| - | | 6.53 | 5.39 | | | 5.96 ⁵ | 87°30' | 114 | .0936 | -4.97 | -10.93 | | 2815.98 |
| | | 2.19 | 0.79 | | 1.49 ⁸ | | 97°- | 140 | .1210 | -16.94 | -15.46 | 2799.62 | |
| 134 | | 3.96 | 2.99 | | | 3.47 | 266°40' | 97 | .0580 | +5.63 | +2.16 | | 2801.78 |
| 136 | | 3.82 | 3.04 | | | 3.43 [✓] | 90° | 78 | — | — | -3.43 | | 2796.19 |

PETER E. WALCOTT & ASSOC. LTD.

Elevation Data

Date 18/4/74

Surveyor AC

Rodman

SS

Instrument

Page 3

| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | DIST Azi- muth | R.F. | Prob DIFF. | ELEV DIFF | H.I. | ELEVATION |
|---------------|------|----------------------|-------------------|----------|-------------------|--------------------|----------|----------------------|-------|---------------|--------------|---------|------------------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 136 + 00 | | 3.59 | 2.39 | | 2.99 ⁸ | | 110° - | 120 | .3214 | -38.57 | -35.58 | 2760.61 | |
| 175 | | 1.62 | 0.84 | | | 1.23 ^v | 270° - | 78 | - | - | -1.23 | - | 2759.38 -129.05' |
| TIE LINE 175 | | 1.62 | 0.84 | | 1.23 ^v | | 90° - | 78 | - | - | +1.23 | 2760.61 | |
| 138 | | 6.89 | 5.67 | | | 6.28 ⁹ | 275° 40' | 122 | .0923 | -11.99 | -18.28 | | 2742.33 |
| | | 3.97 | 2.08 | | 3.03 ² | | 99° - | 169 | .1545 | -29.20 | -26.18 | 2716.18 | |
| 140 | | 5.27 | 5.21 | | | 5.24 | 90° - | 6 | - | - | -5.24 | | 2710.91 |
| - | | 6.505 | 5.30 | | | 5.91 ^v | 85° - | 120.5 | .0868 | -10.46 | 16.37 | | 2699.78 |
| | | 3.57 | 1.94 | | 2.76 ⁴ | | 95° 30' | 163 | .0954 | -15.55 | -12.80 | 2686.98 | |
| 142 | | 2.94 | 2.28 | | | 2.61 | 274° 30' | 66 | .0782 | -5.16 | -7.77 | | 2679.21 |
| 144 | | 4.84 | 3.52 | | | 4.18 | 84° 10' | 132 | .1011 | -13.35 | -17.53 | | 2669.45' |
| 144 + 35 | | 5.18 | 3.49 | | | 4.34 ^v | 84° 10' | 169 | .1011 | -17.09 | -21.43 | | 2665.55' |
| LINE 144 + 00 | | 2.345 ³³⁴ | 1.36 ⁵ | | 1.85 ⁴ | | 102° 30' | 98.5 | .2113 | -20.81 | -18.97 | 2646.58 | |
| 185 | | 6.42 | 6.36 | | | 6.39 | 90° - | 6 | - | - | -6.39 | | 2640.19 |
| 19 | | 7.56 | 6.43 | | | 7.02 ¹ | 90° - | 108 | - | - | -7.02 | | 2639.56 |
| 20 | | 6.75 ⁴⁵ | 4.68 | | | 5.71 ³ | 266° 50' | 206.5 | .0552 | +11.40 | +5.68 | | 2652.26 |
| | | 6.565 | 6.04 | | 6.30 ^v | | 79° 10' | 52.5 | .1846 | +9.69 | +15.99 | 2668.25 | |
| 21 | | 1.44 | 1.06 | | | 1.25 | 94° 20' | 38 | .0753 | +2.86 | +1.61 | | 2669.86 |
| 22 | | 2.845 | 1.29 | | | 2.06 | 104° 30' | 155.5 | .2424 | +37.69 | +35.63 | | 2703.88 |
| - | | 4.925 | 2.68 | | | 3.80 ⁷⁸ | 108° 40' | 224.5 | .3032 | +68.07 | +64.28 | | 2732.53 |
| | | 2.98 | 2.62 | | 2.80 ^v | | 90° - | 36 | - | - | +2.80 | 2735.33 | |
| 23 | | 5.62 | 5.55 | | | 5.58 | 90° - | 7 | - | - | -5.58 | | 2729.75' |
| 24 | | 6.96 | 6.03 | | | 6.49 ^v | 81° 20' | 93 | .1470 | -13.86 | -20.35 | | 2714.98 |
| | | 4.26 | 2.42 | | 3.33 ² | | 111° - | 184 | .3346 | -61.57 | -58.24 | 2656.7A | |

PETER E. WALCOTT & ASSOC. LTD.
Elevation Data

Date 10/4/74

Surveyor A.C.

Rodman

S.S.

Instrument

Page 4

| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Dist Azi- muth | R.F. | Prob DIFF. | ELEV DIFF | H.I. | ELEVATION |
|-------------|------|--------------------|--------|----------|------|-------------------|---------|----------------------|--------|---------------|--------------|----------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 144+00 | | | | | | | | | | | | 2656.74 | |
| 25 | | 1.33 | 0.63 | | | 0.98 | 253° - | 70 | .2796 | +19.57 | +18.59 | | 2675.33 |
| 26 | | 7.23 | 6.92 | | | 7.07 | 74°30' | 31 | .2575 | -7.98 | -15.05 | | 2641.69 |
| 27 | | 7.00 | 5.72 | | | 6.36 ⁵ | 79°20' | 128 | .1819 | -23.28 | -29.64 | | 2627.10 |
| 28 | | 6.79 | 4.46 | | | 5.62 ³ | 280°50' | 233 | .1846 | -43.01 | -48.64 | | 2608.70 |
| | | 1515 | 0.52 | | | 1.02 ¹ | 99°20' | 99.5 | .1600 | -15.92 | -14.91 | 2593.19 | |
| 29 | | 3.25 | 3.47 | | | 3.51 | 270° - | 7 | — | — | -3.51 | | 2589.68 |
| 30 | | 6.02 ⁴ | 5.07 | | | 5.55 ⁴ | 80°50' | 95 | .1573 | -14.94 | 20.49 | | 2572.70 |
| | | 5.775 | 4.46 | | | 5.12 ¹ | 90°30' | 131.5 | .0087 | -1.14 | +3.97 | 2576.67 | |
| 31 | | 5.08 | 4.79 | | | 4.93 | 269°30' | 29 | .0087 | +0.25 | -4.68 | | 2571.99 |
| | | 7.16 ³⁵ | 6.56 | | | 6.85 | 83°10' | 60 | .1181 | -7.09 | -13.94 | | 2562.73 |
| | | 3.41 ⁰⁵ | 1.36 | | | 2.39 ⁸ | 107°40' | 205 | .2892 | -59.29 | -56.90 | 2505.83 | |
| 32 | | 5.445 | 3.51 | | | 4.48 | 252°20' | 193.5 | .2892 | +55.96 | +51.48 | | 2557.31 |
| 33 | | 7.525 | 1.72 | | | 2.12 | 258° - | 80.5 | .2034 | +16.37 | +14.25 | | 2520.08 |
| 34 | | 6.69 | 6.53 | | | 6.61 | 80° - | 16 | .1710 | -2.74 | -9.35 | | 2496.48 |
| 35 | | 11.72 | 10.545 | | | 11.13 | 76°30' | 117.5 | .17270 | -26.67 | -37.80 | | 2468.03 |
| 36 | | 5.78 | 3.56 | | | 4.67 | 80°20' | 222 | .1655 | -36.74 | -41.41 | | 2464.42 |
| | | 5.25 ⁴⁵ | 3.18 | | | 4.22 | 91°50' | 207 | .0320 | -6.62 | -2.90 | 2462.027 | |
| 37 | | 5.12 | 7.04 | | | 4.58 | 90° | 108 | — | — | -4.58 | | 2457.44 |
| 38 | | 4.72 | 4.68 | | | 4.70 | 90° | 4 | — | — | -4.70 | | 2457.32 |
| 39 | | 6.69 | 5.77 | | | 6.23 | 90° - | 92 | — | — | -6.23 | | 2455.79 |
| 40 | | 6.94 | 5.025 | | | 5.98 ⁷ | 89°30' | 192 | .0087 | -1.67 | -7.65 | | 2454.37 |

Re. Set.

-434.06

PETER E. WALCOTT & ASSOC. LTD.

Elevation Data

3566.27

Date 18/4/74
19/4/74

Surveyor AC

Rodman S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | DIST Azimuth | R.F. | PROD DIFF. | ELEV DIFF | H.I. | ELEVATION |
|--------------|------|---------------------|---------------------|-------|--------------------|--------------------|---------|--------------|-------|------------|-----------|---------|-------------------|
| | | | | | B.S. | F.S. | | | | | | | |
| TIE LINE 405 | | 6.96 | 4.92 | | 5.94 ³ | | 81°40' | 204 | .1434 | +29.25 | +35.19 | 2489.56 | |
| 142 | E | 0.95 | 0.61 | | | 0.78 | 90° | 34 | — | — | -00.78 | 2488.78 | |
| 140 | | 3.49 ⁽⁶⁾ | 0.68 | | | 2.08 ⁷ | 109°30' | 281 | .3197 | +88.93 | +86.36 | 2575.92 | |
| | | 5.34 | 3.61 ⁽⁶⁾ | | 4.47 ¹ | | 79°30' | 173 | .1792 | +31.00 | +35.47 | 2611.39 | |
| 138 | | 3.17 | 3.11 | | | 3.14 | 90° | 6 | — | — | -3.14 | 2608.25 | |
| INTER 136 | | 6.58 | 3.60 | | | 5.09 | 103°50' | 298 | .2322 | +67.20 | +64.12 | 2675.51 | -212.92 |
| | | 6.63 | 5.22 | | 5.93 ² | | 74°20' | 141 | .2600 | +36.66 | +42.57 | 2718.10 | |
| 134 | | 7.25 | 7.10 | | | 7.18 | 273°30' | 15 | .0609 | -0.91 | -8.09 | 2710.01 | |
| 132 | | 3.455 | 1.55 | | | 2.50 ¹⁹ | 99° | 176.5 | .1545 | +29.43 | +26.99 | 2745.04 | |
| | | 6.945 | 5.32 | | 6.14 ³ | | 84°30' | 162.5 | .0951 | +15.50 | +21.69 | 2766.68 | |
| 130 | | 7.75 | 1.91 | | | 2.08 | 90° | 34 | — | — | -2.08 | 2764.60 | TIF 0.23 |
| INTER 128 | | 4.91 | 2.70 | | | 3.81 | 76°30' | 221 | .1125 | +24.86 | +21.06 | 2787.74 | 2787.51 |
| | T.P. | 6.345 | 4.08 | | 5.22 ¹⁹ | | 81° | 226.5 | .1545 | +24.99 | +40.21 | 2827.72 | |
| 126 | | 5.70 | 5.61 | | | 5.66 | 270° | 9 | — | — | -5.66 | 2822.06 | |
| 124 | | 7.115 | 5.16 | | | 6.13 ² | 99°30' | 176 | .1628 | +31.91 | +25.78 | 2853.50 | |
| | | 6.83 | 4.54 | | 5.68 ⁷ | | 83°20' | 229 | .1153 | +26.90 | +32.05 | 2885.58 | |
| 122 | | 7.23 | 6.97 | | | 7.10 | 277°40' | 226 | .1322 | -3.44 | -10.54 | 2875.04 | |
| INTER 120 | | 3.045 | 1.32 | | | 2.17 | 91°40' | 176.5 | .0391 | +5.02 | +2.85 | 2888.43 | TIF 0.23 |
| | V | 6.515 | 4.32 | | 5.42 ¹ | | 88°30' | 219.5 | .0262 | +5.75 | +11.17 | 2899.60 | |
| 118 | | 5.55 | 5.39 | | | 5.47 | 270° | 16 | — | — | -5.47 | 2894.13 | |
| 116 | | 4.57 | 2.74 | | | 3.66 ⁵ | 91°10' | 183 | .0204 | +3.73 | +0.08 | 2899.68 | |
| | V | 7.02 | 4.92 | | 5.97 ⁶ | | 88°30' | 210 | .0262 | +5.50 | +11.47 | 2911.15 | |
| 114 | | 5.41 | 5.34 | | | 5.38 | 270° | 7 | — | — | -5.38 | 2905.77 | |
| INTER 112 | | 2.99 | 1.48 | | | 2.24 ³ | 103°50' | 151 | .2322 | +35.06 | +32.83 | 2943.98 | 156.47 |
| | V | 7.19 ⁵ | 6.02 | | 6.60 | | 76°20' | 116 | .2296 | +26.63 | +33.23 | 2977.21 | 2977.21 107.10 |

PETER E. WALCOTT & ASSOC. LTD.
Elevation Data

Date 19/4/74

Surveyor A.C.

Rodman S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Dist Azi- muth | R.F. | Prob DIFF. | ELEV DIFF | H.I. | ELEVATION | | |
|--------------|------|----------------------|-------|----------|------|-------|----------|----------------------|-------|---------------|--------------|---------|--------------------|---------|--|
| | | | | | B.S. | F.S. | | | | | | | | | |
| TIE LINE 400 | | | | | | | | | | | | | | | |
| 110 | 100E | 5.805 | 4.44 | | | 5.13 | 100° - | 136.5 | .1710 | +23.34 | +18.21 | | 2995.42 | | |
| | ✓ | 6.975 | 5.12 | | | 6.06 | 84° - | 185.5 | .1040 | +19.29 | +25.35 | 3020.77 | | | |
| 109 | | 3.38 | 3.24 | | | 3.31 | 90° - | 14 | — | — | -3.31 | | 3017.46 | | |
| 106 | | 4.18 ⁽⁷⁸⁾ | 2.03 | | | 3.10 | 97° 50' | 215 | .1350 | +29.03 | +25.93 | | 3046.70 | | |
| | ✓ | 6.41 | 4.02 | | | 5.21 | 75° 20' | 233 | .2449 | +57.06 | +62.27 | 3108.97 | | | |
| 104 | | 10.51 | 10.60 | | | 10.71 | 90° - | 21 | — | — | -10.71 | | 3098.26 | 510.75 | |
| | ✓ | 10.81 | 10.60 | | | 10.71 | 270° - | 21 | — | — | +10.71 | 3108.97 | | | |
| 102 | | 6.98 | 3.04 | | | 6.01 | 109° 50' | 194 | .3192 | +61.92 | +55.92 | | 3164.89 | | |
| | ✓ | 6.42 | 5.32 | | | 5.57 | 75° 10' | 109 | .2475 | +26.98 | +32.85 | 3197.71 | | | |
| 100+10 | | 2.37 | 1.56 | | | 1.96 | 102° - | 81 | .2024 | +16.48 | +14.52 | | 3212.26 | | |
| | ✓ | 6.09 | 3.98 | | | 5.04 | 77° 20' | 211 | .2139 | +45.13 | +50.17 | 3262.43 | | | |
| 98 | | 4.08 | 4.04 | | | 4.06 | 91° | 4 | — | — | -4.06 | | 3258.37 | | |
| 107E 96+70 | | 4.205 | 2.78 | | | 3.49 | 103° 20' | 142.5 | .2244 | +31.98 | +28.49 | | 3290.92 | 503.41 | |
| 37+75 | ✓ | 7.168 | 5.20 | | | 6.18 | 74° 30' | 196 | .2575 | +50.47 | +56.65 | 3247.57 | | | |
| 96 | | 6.495 | 5.26 | | | 5.28 | 285° 30' | 123.5 | .0782 | -9.66 | -15.54 | | 3332.03 | | |
| 94 | | 3.625 | 2.84 | | | 3.23 | 103° 20' | 78.5 | .2244 | +17.62 | +14.39 | | 3361.96 | | |
| - | | 4.91 | 3.50 | | | 4.20 | 104° 40' | 141 | .2442 | +34.53 | +30.34 | | 3377.91 | | |
| | ✓ | 6.60 | 5.52 | | | 6.06 | 75° 30' | 108 | .2424 | +26.18 | +32.23 | 3410.14 | | | |
| 92 | | 2.22 | 1.81 | | | 2.02 | 99° 40' | 41 | .1655 | +6.79 | +4.77 | | 3414.91 | | |
| - | | 3.88 | 2.50 | | | 3.19 | 102° 20' | 138 | .2087 | +28.80 | +25.62 | | 3435.76 | | |
| | ✓ | 6.28 ⁶⁵ | 4.78 | | | 5.53 | 80° - | 148.5 | .1710 | +25.39 | +30.92 | 3466.68 | | | |
| 90 | | 6.935 | 6.52 | | | 6.73 | 280° - | 41.5 | .1710 | -7.10 | -13.83 | | 3480.51 | 3452.85 | |
| 107E 188+20 | | 5.77 | 4.38 | | | 5.08 | 102° - | 139 | .2034 | +28.27 | +23.20 | | 3489.88 | 702.37 | |
| 40+50 | ✓ | 5.65 | 3.46 | | | 4.57 | 77° - | 220.5 | .2192 | +48.33 | +52.90 | 3542.78 | | | |

PETER E. WALCOTT & ASSOC. LTD.

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Date 24/5/74 Surveyor AC Rodman S.S. Instrument _____ Page 7

| Station | T.P. | I/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION | |
|-----------------------|------|-------------|-------|----------|----------------------|------|---------|--------------|-------|--------|--------------|---------|-----------|--------|
| | | | | | B.S. | F.S. | | | | | | | | |
| TIE LINE 905 | | | | | | | | | | | | 3547.78 | | |
| 86 | 1004 | 3.78 | 3.68 | | 3.73 | | 90° | 10 | — | — | -3.73 | | 3539.05' | |
| 84 | | 4.81 | 2.62 | | 3.71 | | 101° | 219 | .1873 | +41.02 | +37.31 | | 3580.09 | |
| | | 6.98 | 5.0 | | 6.05 ⁴ | | 78° | 188 | .2039 | +38.24 | +44.28 | 3624.37 | | |
| 82 | | 1.87 | 1.72 | | 1.90 | | 90° | 15 | — | — | -1.80 | | 3622.57 | |
| INTER. 80+15 40+15 | | 7.16 | 5.14 | | 6.14 ³ | | 99°30' | 202 | .1628 | +32.89 | +26.75 | | 3651.12 | 863.61 |
| | | 11.485 | 10.16 | | 10.82 ¹ | | 50°40' | 132.5 | .1600 | +21.20 | +32.02 | 3683.14 | | |
| 78 | | 2.575 | 1.72 | | 2.14 | | 98°20' | 85.5 | .1434 | +12.26 | +10.12 | | 3693.26 | |
| — | | 5.67 | 3.77 | | 4.72 ¹ | | 100° | 190 | .1710 | +32.49 | +27.78 | | 3710.92 | |
| | | 6.575 | 4.78 | | 5.67 ¹ | | 85°0' | 179.5 | .0840 | +15.08 | +20.75 | 3731.67 | | |
| 76 | | 4.41 | 3.60 | | 4.01 | | 274°50' | 81 | .0840 | -6.80 | -10.81 | | 3720.86 | |
| — | | 4.24 | 3.16 | | 3.70 ⁸⁹ | | 92°40' | 108 | .0465 | +5.02 | +1.33 | | 3733.00 | |
| | | 6.62 | 5.14 | | 5.88 ¹ | | 89° | 148 | .0174 | +2.58 | +8.46 | 3741.46 | 5 | |
| 74 | | 6.55 | 5.16 | | 5.85 | | 274°30' | 139 | .0782 | -10.87 | -16.72 | | 3724.74 | |
| INTER. 72 40+80 | | 2.145 | 1.56 | | 1.85 ⁶ | | 92° | 58.5 | .0349 | +2.04 | +0.19 | | 3741.65 | |
| | | 6.88 | 4.80 | | 5.85 ¹ | | 84° | 208 | .1040 | +21.63 | +27.48 | 3769.13 | 954.14 | |
| 70 | | 6.00 | 5.96 | | 5.98 | | 270° | 4 | — | — | -5.98 | | 3763.15' | |
| 68 | | 4.84 | 2.86 | | 3.85 ⁴ | | 93°10' | 198 | .0552 | +10.93 | +7.08 | | 3776.21 | |
| | | 7.96 | 5.86 | | 6.91 ² | | 90° | 210 | — | — | +6.92 | 3783.13 | | |
| 66 | | 5.69 | 5.63 | | 5.66 | | 270° | 6 | — | — | -5.66 | | 3777.47 | |
| 64 | | 4.82 | 2.94 | | 3.58 ⁷ | | 91°30' | 188 | .0262 | +4.93 | +1.05 | | 3784.18 | |
| INTER. 63+50 415 | | 6.15 | 3.83 | | 4.99 ^{5.00} | | 268°20' | 232 | .0291 | +6.75 | +1.77 | | 3784.90 | 997.39 |
| | | 7.05 | 5.25 | | 6.15 ⁴ | | 87°20' | 180 | .0965 | +8.37 | +14.52 | 3799.42 | | |
| 62 | | 6.46 | 6.22 | | 6.34 | | 270° | 24 | — | — | -6.34 | | 3793.08 | |
| 60 | | 4.145 | 2.38 | | 3.26 ⁵ | | 92° | 176.5 | .0349 | +6.16 | +2.90 | | 3807.32 | |

PETER E. WALCOTT & ASSOC. LTD.

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Date 2/14/74

Surveyor A.C.

Rodman S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|-----------------------|------|-------------------|------|----------|--------------------|-------------------|--------|--------------|--------------------|--------|--------------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| Tie Line 403 | | 6.725 | 4.68 | | 5.71 ² | | 88°20' | 209.5 | .0291 | + 5.95 | +11.66 | 3813.98 | |
| 58 | | 5.56 | 5.50 | | | 5.53 | 270°- | 6 | — | — | -5.53 | | 3808.45 |
| INTER. 57 415 | | 4.36 | 3.28 | | | 3.79 | 90°- | 102 | — | — | -3.79 | | 3810.19 |
| | | 6.77 ² | 4.52 | | 5.63 ³ | | 86°- | 221 | .0696 | +15.38 | +21.01 | 3831.20 | |
| 56 | | 6.25 | 3.48 | | | 6.31 | 276°- | 127 | .1040 | -13.21 | -19.52 | | 3811.68 |
| 54 | | 5.27 ² | 4.52 | | | 4.89 | 97°50' | 75 | .1350 | +10.13 | +5.24 | | 3836.44 |
| | | 6.765 | 5.12 | | 5.94 | | 85°40' | 164.5 | .0753 | +12.39 | +18.33 | 3854.77 | |
| 52 | | 2.75 | 2.34 | | | 2.56 | 90°- | 44 | — | — | -2.56 | | 3852.21 |
| | | 6.78 ² | 4.20 | | 5.84 ³ | | 88°10' | 185 | .0320 | +6.02 | +11.85 | 3864.06 | |
| 50 | | 3.31 | 3.25 | | | 5.28 | 90°- | 6 | — | — | -5.28 | | 3858.78 |
| INTER. 48+45 40+85 | | 5.76 | 4.08 | | | 4.92 | 91°30' | 168 | .0762 | +4.40 | -0.51 | | 3863.55 |
| LINE 110+00 E. | | | | | | | | | | | | | |
| | | 4.34 | 2.90 | | 3.62 ³ | | 90°- | 144 | — | — | +3.63 | 3867.18 | |
| 405 | | 6.04 | 3.74 | | | 4.90 | 263°- | 230 | .1210 | +27.83 | +22.93 | | 3890.11 |
| 42 | | 5.55 | 5.26 | | | 5.41 | 270°- | 29 | — | — | -5.41 | | 3861.77 |
| 43 | | 4.135 | 3.41 | | | 3.78 | 91°30' | 72.5 | .0262 | +1.90 | -1.88 | | 3865.30 |
| 44 | | 9.00 | 7.26 | | | 8.14 ³ | 94°00' | 174 | .0811 | +14.11 | +5.98 | | 3872.16 |
| | | 11.28 | 9.38 | | 10.33 [✓] | | 90°- | 190 | — | — | +10.33 | 3883.49 | |
| 45 | | 4.11 | 3.20 | | | 3.66 | 270°- | 91 | — | — | -3.66 | | 3879.83 |
| 46 | | 5.67 | 5.61 | | | 5.65 | 90°- | 8 | — | — | -5.65 | | 3877.84 |
| 47 | | 6.595 | 5.51 | | | 6.05 | 88°- | 108.5 | .0349 | -3.79 | -9.84 | | 3873.65 |
| 48 | | 6.68 ² | 4.58 | | | 5.63 | 86°50' | 210 | .0552 | -11.59 | -17.22 | 5.97 | 3866.27 |
| | | 4.175 | 2.34 | | 3.26 ⁵ | | 95°50' | 183.5 | .1011 [✓] | -18.55 | -15.30 | 3850.97 | |
| 49 | | 2.50 | 1.68 | | | 2.10 | 269°- | 82 | .0349 | +2.86 | +0.76 | | 3851.73 |

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Elevation Data

Date 2/4/74

Surveyor AC

Rodman S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi-muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION | |
|----------------|------|----------|-------|-------|---------------------|--------------------|--------------------------------|----------|-------|--------|-----------|---------|-----------|--------|
| | | | | | B.S. | F.S. | | | | | | | | |
| LINE 56+00 E | | | | | | | | | | | | | | |
| | ✓ | 10.46 | 8.38 | | 9.42 | | 84° ² ₁₀ | 208 | .0983 | +20.45 | +29.86 | 3773.92 | | |
| 59S | | 7.26 | 6.175 | | | 6.73 | 274°20' | 108.5 | .0753 | -8.17 | -14.90 | | 3759.02 | |
| 58 | | 5.79 | 5.73 | | | 5.76 | 270° | 6 | — | — | -5.76 | | 3768.16 | |
| 57 | | 3.81 | 2.87 | | | 3.39 | 72°20' | 94 | .0407 | +3.83 | +0.49 | | 3774.41 | |
| INTER 56 | | 6.545 | 4.46 | | | 5.49 ^S | 72°40' | 208.5 | .0965 | +9.70 | +4.21 | | 3778.13 | 990.62 |
| 35+85 50+20 | | | | | | | | | | | | | | |
| TIE LINE 56S | | | | | | | | | | | | | | |
| | ✓ | 6.59 | 4.98 | | 5.78 | | 73° | 161 | .0523 | -8.42 | -2.65 | 3775.88 | | |
| 60 | | 7.41 | 7.10 | | | 7.31 | 2° | 21 | — | — | -7.31 | | 3768.17 | |
| - | | 5.47 | 3.74 | | | 4.60 | 84° | 173 | .1040 | -17.99 | -22.59 | | 3752.89 | |
| | ✓ | 2.16 | 0.70 | | 1.43 | | 78°20' | 146 | .1434 | -20.99 | -19.51 | 3733.38 | | |
| 62 | | 4.55 | 3.58 | | | 4.06 | 263°40' | 97 | .1096 | +10.63 | +6.57 | | 3739.95 | |
| INTER 64 | | 4.75 | 3.68 | | | 4.21 ⁰ | 90° | 107 | — | — | -4.21 | | 3729.17 | 741.66 |
| | ✓ | 6.685 | 4.50 | | 5.59 | | 87° | 218.5 | .0523 | +11.43 | +17.02 | 3746.19 | | |
| 66 | | 4.93 | 4.70 | | | 4.81 | 270° | 23 | — | — | -4.81 | | 3741.38 | |
| 68 | | 6.81 | 4.98 | | | 5.90 ⁸⁹ | 79°20' | 183 | .1819 | -33.29 | -39.18 | | 3707.01 | |
| CHECK | | | | | | | | | | | | | | |
| | ✓ | 5.37 | 2.37 | | 3.87 ⁶ | | 93°10' | 300 | .0552 | -16.56 | -12.70 | 3694.31 | | |
| 70 | | 4.96 | 3.98 | | | 4.47 | 270° | 98 | — | — | -4.47 | | 3689.84 | |
| 72 | | 7.06 | 5.96 | | | 6.51 | 80.40' | 110 | .1600 | -17.60 | -24.11 | | 3670.20 | |
| INTER 72+30 | | 6.88 | 4.86 | | | 5.85 ⁶ | 80°50' | 202 | .1573 | -31.77 | -37.63 | | 3656.68 | 869.17 |
| | | 2.97 | 2.62 | | 2.90 ⁷¹⁵ | | 90° | 35 | — | — | +2.80 | 3659.88 | | |
| 74 | | 7.25 | 6.56 | | | 6.90 [✓] | 274°10' | 69 | .0725 | -5.00 | -11.90 | | 3647.58 | |

PETER E. WALCOTT & ASSOC. LTD.

Elevation Data

Date ~~2/4/74~~
22/4/74

Surveyor AC

Rodman

S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION | |
|--------------|------|--------------------|------|----------|-------------------|-------------------|---------|--------------|-------|--------|--------------|---------|-----------|--------|
| | | | | | B.S. | F.S. | | | | | | | | |
| Tie LWF 563 | | | | | | | | | | | | | | |
| | | 4.47 ⁶⁵ | 2.38 | | 3.92 ⁰ | | 93°40' | 209 | .0638 | -13.33 | -9.92 | 3637.66 | | |
| 76 | | 4.78 | 4.74 | | | 4.76 | 27°0' | 4 | — | — | -4.76 | | 3632.90 | |
| 78 | | 7.26 | 5.30 | | | 6.28 ⁶ | 90°40' | 196 | .0116 | +2.27 | -4.00 | | 3633.66 | |
| | | 6.88 | 5.12 | | 5.98 ⁷ | | 89°30' | 176 | .0087 | +1.53 | +7.51 | 3641.17 | | |
| 80 | | 5.03 | 4.69 | | | 4.86 | 90°- | 34 | — | — | -4.86 | | 3636.31 | |
| INTER. 81 | | 7.75 | 1.43 | | | 2.09 ^v | 90°- | 132 | — | — | -2.09 | | 3639.08 | 851.57 |
| | | 4.635 | 2.88 | | 3.76 ^u | | 97°50' | 175.5 | .1350 | -23.69 | -19.94 | 3619.14 | | |
| 82 | | 2.32 | 1.58 | | | 1.95 | 268°- | 74 | .0349 | +2.58 | +0.63 | | 3619.77 | |
| 84 | | 7.05 | 5.80 | | | 6.45 ^u | 83°40' | 127.5 | .1096 | -13.97 | -20.42 | | 3598.72 | |
| | | 5.97 | 4.14 | | 5.06 ^u | | 100°40' | 185 | .1819 | -33.65 | -28.60 | 3570.12 | | |
| 86 | | 7.12 | 7.02 | | | 7.10 | 86°20' | 16 | .0638 | -1.02 | -8.12 | | 3562.00 | |
| 88 | | 7.31 ⁶⁵ | 5.12 | | | 6.23 ² | 72°50' | 219 | .1737 | -38.59 | -44.27 | | 3525.85 | |
| | | 3.185 | 2.22 | | 2.70 ^v | | 94°10' | 96.5 | .0725 | -7.00 | -4.30 | 3521.55 | | |
| INTER. 89+5 | | 6.71 | 6.53 | | | 6.62 ^v | 90°- | 18 | — | — | -6.62 | | 3514.93 | 127.42 |
| 56+5 | | | | | | | | | | | | | | |
| LINE 88+00E | | | | | | | | | | | | | | |
| | | 3.755 ⁶ | 1.78 | | 2.78 | | 97°10' | 177.5 | .1238 | -24.45 | -21.67 | 3493.26 | | |
| 559 | | 5.38 | 4.52 | | | 4.95 | 262°50' | 86 | .1238 | +10.65 | +5.70 | | 3498.96 | |
| 54 | | 7.06 | 6.92 | | | 6.99 | 90°- | 14 | — | — | -6.99 | | 3486.27 | |
| 53 | | 7.30 | 6.16 | | | 6.74 | 83°- | 114 | .1210 | -13.79 | -20.53 | | 3472.73 | |
| INTER. 52+70 | | 7.05 | 5.63 | | | 6.34 ^v | 82°10' | 142 | .1350 | -19.17 | -25.51 | | 3467.75 | 680.24 |

235
163
142
110
83

680.24

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Surveyor AC

Rodman S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi-muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION | | |
|-----------|--------|--------------------|--------------------|-------|-------------------|---------------------|---------|----------|-------|--------|-----------|---------|-----------|---------|--------|
| | | | | | B.S. | F.S. | | | | | | | | | |
| TIE Linc | 525 | | | | | | | | | | | | | | |
| | | 4.775 | 2.88 | | 3.82 ¹ | | 96°20' | 189.5 | .1096 | -20.77 | -16.95 | 3450.80 | | | |
| 90 | F | 7.27 | 7.15 | | | 7.21 | 90°- | 12 | ← | - | -7.21 | | 3443.59 | | |
| 92 | | 6.94 | 4.82 | | | 5.89 ⁸ | 81°46' | 212 | | .1434 | -30.40 | -36.29 | | 3414.51 | |
| | | 5.485 | 3.54 | | 4.52 ¹ | | 100°30' | 194.5 | | .1792 | -34.85 | -30.34 | 3384.17 | | |
| 94 | | 6.76 | 6.62 | | | 6.69 ⁴ | 59°- | 14 | | .1040 | -1.46 | -8.15 | | 3376.02 | |
| 96 | | 6.3215 | 4.18 | | | 5.25 | 78°20' | 214 | | .1980 | -42.37 | -47.62 | | 3336.55 | |
| | | 3.635 | 1.48 | | 2.56 ¹ | | 101°20' | 215.5 | | .1927 | -41.53 | -38.97 | 3297.58 | | |
| INTER 96 | 50/35 | 4.145 | 2.56 | | | 3.35 ⁶ | 259°50' | 158.5 | | .1737 | +27.53 | +24.18 | | 3321.76 | 584.25 |
| | | 4.145 | 2.56 | | 3.36 ⁵ | | 10°10' | 158.5 | | .1737 | -27.53 | -24.18 | 3297.58 | | |
| 98 | | 2.77 | 2.82 | | | 2.73 | 90°- | 11 | ← | - | -2.93 | | | 3294.65 | |
| 100 | | 5.84 ⁵⁵ | 3.89 ⁹⁰ | | | 4.87 | 283°- | 196 | | .2192 | -42.96 | -47.83 | | 3249.75 | |
| | | 4.24 | 2.50 | | 3.37 ¹ | | 105°20' | 174 | | .2550 | -44.37 | -41.00 | 3208.75 | | |
| 102 | | 6.76 | 6.58 | | | 6.78 | 69°- | 40 | | .3346 | -13.38 | -20.16 | | 3188.59 | |
| INTER 103 | 160/32 | 6.25 | 4.12 | | | 5.17 ⁶ | 69°30' | 213 | | .3280 | -69.86 | -75.08 | | 3133.72 | 346.21 |
| | | 2.775 | 0.78 | | 1.78 ¹ | | 101°30' | 199.5 | | .1954 | -38.98 | -37.20 | 3096.52 | | |
| 104 | | 5.61 | 3.98 | | | 4.81 | 258°30' | 163 | | .1954 | +31.85 | +27.04 | | 3123.56 | |
| 106 | | 7.13 | 6.69 | | | 6.91 | 82°30' | 144 | | .1294 | -5.69 | -12.60 | | 3083.92 | |
| - | | 5.285 | 4.08 | | | 4.68 ¹ | 81°- | 120.5 | | .1545 | -18.62 | -23.30 | | 3073.22 | |
| | | 3.46 | 1.62 | | 2.54 ³ | | 109°10' | 184 | | .3101 | -57.06 | -54.52 | 3018.70 | | |
| 108 | | 1.82 | 1.32 | | | 1.57 | 255°- | 50 | | .2500 | +12.50 | +10.93 | | 3029.63 | |
| 110 | | 6.345 | 4.74 | | | 5.54 ³ | 71°30' | 160.5 | | .3009 | -48.29 | -53.83 | | 2964.87 | |
| | | 3.55 | 1.26 | | 2.41 ¹ | | 109°- | 229 | | .3078 | -70.49 | -68.08 | 2896.79 | | |
| 112 | | 1.12 | 1.02 | | | 1.10 | 27°- | 16 | ← | - | -1.10 | | | 2895.69 | |
| INTER | | 12.265 | 11.90 | | | 12.09 ⁸⁸ | 2°- | 36.5 | | .0349 | -1.27 | -13.36 | | 2883.43 | |

PETER E. WALCOTT & ASSOC. LTD.

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Rodman

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi-muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|---------------|------|---------------------|-------|-------|--------------------|-------------------|---------|----------|-------|--------|-----------|---------|----------------|
| | | | | | B.S. | F.S. | | | | | | | |
| TIE LINE 525 | | | | | | | | | | | | | |
| | | 4.34 | 2.64 | | 3.48 ⁷ | | 102°30' | 170 | .2113 | -35.92 | -32.45 | 2850.98 | |
| 114E | | 1.15 | 0.97 | | | 1.06 | 270°- | 18 | — | — | -1.06 | | 2849.92 |
| 116 | | 7.055 | 5.18 | | | 6.13 [✓] | 76°30' | 187.5 | .2270 | -42.56 | -48.69 | | 2802.29 |
| | | 3.185 | 1.24 | | 2.21 ⁰ | | 98°40' | 194.5 | .1490 | -28.98 | -26.78 | 2775.51 | |
| 118 | | 6.56 | 6.51 | | | 6.54 | 70°- | 5 | — | — | -6.54 | | 2768.97 |
| — | | 6.715 | 5.70 | | | 6.22 [✓] | 89°- | 101.5 | .0174 | -1.77 | -7.99 | | 2767.52 |
| | | 2.46 | 0.90 | | 1.69 ⁸ | | 105°50' | 156 | .2625 | -40.95 | -39.27 | 2728.25 | |
| INTER 120 | | 4.54 | 3.22 | | | 3.91 ² | 272°50' | 125 | .0494 | -6.18 | -10.09 | | 2718.16 -69.35 |
| LINE 120 100E | | | | | | | | | | | | | |
| | | 4.54 | 3.22 | | 3.92 | | 87°10' | 125 | .0494 | +6.18 | +10.09 | 2728.25 | |
| 535 | | 10.50 | 10.20 | | | 10.36 | 60°- | 30 | .4330 | -12.99 | -23.35 | | 2704.90 |
| 54 | | 7.23 | 6.26 | | | 6.75 [✓] | 80°- | 97 | .1710 | -16.57 | -23.34 | | 2704.91 |
| | | 2.055 | 0.72 | | 1.38 ⁷ | | 97°20' | 133.5 | .1266 | -16.90 | -15.53 | 2689.38 | |
| 55 | | 3.09 | 2.76 | | | 2.93 | 262°40' | 33 | .1266 | +4.18 | +1.25 | | 2690.63 |
| 56 | | 4.875 | 4.14 | | | 4.52 ¹ | 68°- | 75.5 | .3473 | -26.22 | -30.74 | | 2658.64 |
| TIE LINE 365 | | | | | | | | | | | | | |
| | | 1.46 | 1.14 | | 1.30 | | 90°- | 32 | — | — | +1.30 | 2659.94 | |
| 122 | | 5.235 ¹³ | 4.22 | | | 5.09 ⁸ | 75°30' | 171.5 | .2424 | -41.57 | -46.66 | | 2613.28 |
| | | 6.075 | 4.36 | | 5.21 [✓] | | 99°- | 171.5 | .1545 | -26.50 | -21.29 | 2591.99 | |
| 124 | | 7.33 | 7.04 | | | 7.19 [✓] | 90°- | 29 | — | — | -7.19 | | 2584.80 |
| | | 4.585 | 3.60 | | | 4.09 [✓] | 72°30' | 98.5 | .2868 | -28.25 | -32.34 | | 2559.65 |
| | | 2.90 | 1.90 | | 2.40 ³⁹ | | 107°40' | 100 | .2892 | -28.92 | -26.53 | 2533.12 | |

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi-muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|-------------|------|----------|------|-------|------|------|---------|----------|-------|--------|-----------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| TIE LINE | 563 | | | | | | | | | | | 2533.12 | |
| 126E | | 6.625 | 5.70 | | | 6.17 | 64°30' | 92.5 | .3886 | -35.95 | -42.12 | | 2491.00 |
| | | 3.155 | 1.70 | | 2.42 | | 110°50' | 145.5 | .3324 | -48.36 | -45.95 | 2445.05 | |
| WTR 128+90 | | 6.84 | 5.50 | | | 6.17 | 86°30' | 134 | .0609 | -8.16 | -14.33 | | 2430.72 |
| 565 | | | | | | | | | | | | | |
| Line 128+00 | | 5.385 | 3.32 | | 4.35 | | 88°- | 206.5 | .0399 | +7.21 | +11.56 | 2442.28 | |
| 555 | | 6.32 | 5.24 | | | 5.78 | 272°- | 108 | .0349 | -3.77 | -9.55 | | 2432.73 |
| 54 | | 5.10 | 5.02 | | | 3.06 | 270°- | 8 | — | — | -5.06 | | 2437.22 |
| 53 | | 1.48 | 0.57 | | | 1.02 | 90°- | 91 | — | — | -1.02 | | 2441.26 |
| 52 | | 5.185 | 3.22 | | | 4.21 | 94°- | 176.5 | .0696 | +13.68 | +9.48 | | 2451.76 |
| | | 6.88 | 5.76 | | 6.22 | | 72°30' | 112 | .2868 | +22.12 | +38.45 | 2490.21 | |
| 51 | | 2.72 | 2.85 | | | 2.78 | 90°- | 8 | — | — | -2.89 | | 2487.32 |
| 50 | | 3.51.5 | 2.20 | | | 2.86 | 107°- | 131.5 | .2796 | +36.77 | +33.91 | | 2524.12 |
| | | 6.435 | 5.50 | | 5.97 | | 74°- | 95.5 | .2650 | +24.78 | +30.75 | 2554.87 | |
| 49 | | 1.03 | 0.52 | | | 0.78 | 110°- | 51 | .3214 | +16.39 | +15.61 | | 2570.48 |
| 48 | | 2.36 | 1.14 | | | 1.75 | 112°30' | 122 | .3536 | +43.14 | +41.39 | | 2596.26 |
| 47 | | 5.41 | 3.70 | | 4.56 | | 74°30' | 171 | .2575 | +44.03 | +48.59 | 2644.85 | |
| 46 | | 6.845 | 5.42 | | | 6.13 | 286°30' | 142.5 | .2723 | -38.80 | -44.93 | | 2599.92 |
| 45 | | 6.58 | 6.22 | | | 6.40 | 286°30' | 36 | .2723 | -9.80 | -16.20 | | 2628.65 |
| 44 | | 1.55 | 0.85 | | | 1.20 | 108°- | 70 | .2939 | +20.57 | +19.37 | | 2664.22 |
| | | 7.23 | 6.56 | | 6.90 | | 78°30' | 67 | .1954 | +13.09 | +19.99 | 2684.21 | |
| 43 | | 4.38 | 4.05 | | | 4.21 | 90°- | 33 | — | — | -4.21 | | 2680.00 |
| 42 | | 6.70 | 5.30 | | | 6.00 | 94°40' | 140 | .0811 | +11.35 | +5.35 | | 2689.56 |

(CORRECTION)
WRONG STADIA.

PETER E. WALCOTT & ASSOC. LTD.

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | AZI- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|--------------|------|----------|-------|-------|-------------------|--------------------|----------|--------------|-------|--------|--------------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 128400E | | | | | | | | | | | | | |
| 43 S | | 4.92 | 2.50 | | | 3.71 [✓] | 98° - | 242 | .1378 | +33.35 | +29.64 | | 2713.85 |
| | | 6.42 | 4.96 | | 5.69 ⁵ | | 69° - | 146 | .3346 | +48.85 | +54.54 | 2768.39 | |
| 42 | | 12.24 | 11.86 | | | 12.05 | 295° - | 38 | .3830 | -14.55 | -26.60 | | 2741.79 |
| 41 | | 2.63 | 2.06 | | | 2.34 [✓] | 98° - | 57 | .1378 | +7.85 | +5.51 | | 2773.90 |
| | | 6.42 | 5.28 | | 5.85 | | 84° - | 114 | .1045 | +11.86 | +17.71 | 2791.61 | |
| 40 S | | 4.24 | 4.18 | | | 4.21 [✓] | 90° - | 6 | - | - | -4.21 | | 2787.40 |
| | | | | | | | | | | | | | TIE -0.11 |
| LINE 120400E | | | | | | | | | | | | | |
| | | 2.54 | 0.88 | | 1.86 [✓] | | 90° - | 196 | - | - | +1.86 | 2890.29 | 2888.43 |
| 415 | | 6.70 | 5.84 | | | 6.30 | 270° - | 92 | - | - | -6.30 | | 2883.99 |
| 42 | | 5.08 | 5.11 | | | 5.16 | 90° - | 5 | - | - | -5.16 | | 2885.13 |
| 43 | | 7.25 | 6.15 | | | 6.70 | 90° - | 110 | - | - | -6.70 | | 2883.59 |
| 44 | | 5.36 | 3.32 | | | 4.34 [✓] | 90° - | 204 | - | - | -4.34 | | 2885.95 |
| | | 3.12 | 1.87 | | 2.50 [✓] | | 95° - | 126 | .0868 | -10.94 | -8.44 | 2877.51 | |
| 45 | | 4.40 | 4.10 | | | 4.28 | 265° - | 24 | .0868 | +2.08 | -2.20 | | 2875.31 |
| 46 | | 7.13 | 6.57 | | | 7.04 | 81° 30' | 74 | .1462 | -10.82 | -17.70 | | 2859.75 |
| | | 1.45 | 0.11 | | 1.17 | | 93° - | 47.5 | .0523 | -2.48 | -1.30 | 2858.45 | |
| 47 | | 6.90 | 6.22 | | | 6.57 | 64° 30' | 68 | .3886 | -26.42 | -32.99 | | 2825.46 |
| | | 6.305 | 5.10 | | | 5.70 ⁶⁹ | 64° 30' | 120.5 | .3886 | -46.83 | -52.52 | | 2805.93 |
| | | 4.33 | 2.40 | | 3.36 | | 104° 50' | 193 | .2475 | -47.77 | -44.41 | 2761.52 | |
| 48 | | 3.90 | 2.56 | | | 3.33 | 260° 20' | 134 | .1322 | +17.71 | +14.48 | | 2776.00 |
| 49 | | 7.11 | 6.60 | | | 6.90 | 281° 30' | 60 | .1954 | -11.72 | -18.66 | | 2742.86 |
| | | 3.95 | 1.95 | | 2.95 ³ | | 97° 30' | 199.5 | .1294 | -25.82 | -22.88 | 2719.98 | |

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Surveyor *de.*

Rodman *S.S.*

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | DIST Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|----------------------|------|-------------|------|----------|------|------|---------|----------------------|-------|--------|--------------|---------|----------------|
| | | | | | B.S. | F.S. | | | | | | | |
| <i>Line 120700 E</i> | | | | | | | | | | | | | |
| 50 | | 2.075 | 1.12 | | | 1.60 | 268°40' | 95.5 | .0233 | +2.23 | +0.63 | | 2720.61 |
| 51 | | 5.57 | 5.53 | | | 5.55 | 90° - | 4 | - | - | -5.55 | | 2714.43 |
| | | 7.41 | 6.91 | | | 7.10 | 89°30' | 50 | .0087 | +0.44 | +7.60 | 2722.03 | |
| 52 | | | 3.5 | | | 3.77 | 90° - | 53 | - | - | -3.77 | | 2718.26 |
| | | | | | | | | | | | | | 170.17 -170.28 |
| | | | | | | | | | | | | | 2658.64 |
| | | 3.605 | 3.5 | | | 2.92 | 92°50' | 135.5 | .0494 | -6.69 | -3.77 | 2654.87 | |
| 57 | | 4.12 | 3.74 | | | 3.73 | 90° - | 38 | - | - | -3.93 | | 2650.94 |
| 58 | | 6.67 | 6.07 | | | 6.21 | 86°30' | 60 | .0609 | -3.65 | -10.02 | | 2644.05 |
| 59 | | 6.21 | 4.85 | | | 5.31 | 86°20' | 166 | .0609 | -10.11 | -15.48 | | 2639.39 |
| | | 3.15 | 2.57 | | | 2.88 | 94°10' | 61 | .0725 | -4.42 | -1.54 | 2637.85 | |
| 60 | | 6.39 | 6.14 | | | 6.26 | 74°40' | 45 | .2550 | -11.48 | -17.84 | | 2620.01 |
| 61 | | 6.90 | 5.56 | | | 6.29 | 80°20' | 142 | .1655 | -23.50 | -29.78 | | 2608.07 |
| | | 5.42 | 3.68 | | | 4.50 | 86°30' | 17 | .0609 | +10.60 | +15.16 | 2623.23 | |
| 62 | | 4.85 | 4.5 | | | 4.50 | 273°20' | 70 | .0609 | -4.26 | -8.76 | | 2614.47 |
| 63 | | 4.11 | 3.79 | | | 3.95 | 90° - | 32 | - | - | -3.95 | | 2619.28 |
| 64 | | 2.99 | 1.71 | | | 2.35 | 90° - | 128 | - | - | -2.35 | | 2620.88 |
| | | | | | | | | | | | | | -37.76 |
| | | 2.99 | 1.71 | | | 2.35 | 90° - | 128 | - | - | +2.35 | | |
| | | 5.42 | 3.68 | | | 4.56 | 86°30' | 174 | .0609 | +10.60 | -15.16 | | |
| | | 7.04 | 5.63 | | | 6.33 | 80°20' | 141 | .1655 | +23.34 | +29.67 | | |
| | | 3.15 | 2.53 | | | 2.54 | 94°10' | 62 | .0725 | +4.50 | +1.66 | | |
| | | 7.095 | 5.48 | | | 6.29 | 87° - | 161.5 | .0523 | +8.45 | +14.74 | | |
| | | 4.69 | 3.29 | | | 3.99 | 93°30' | 140 | .0609 | +8.53 | +4.54 | | 0.04 |

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi-muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|------------|------|----------|-------|-------|-------------------|--------------------|---------|----------|-------|--------|-----------|---------|---------------------------|
| | | | | | B.S. | F.S. | | | | | | | |
| Line 1000E | | | | | | | | | | | | | 2883.43 |
| | | 7.085 | 5.98 | | 6.52 ³ | | 81°20' | 110.5 | .1490 | +16.46 | +22.99 | 2906.42 | |
| 51 | | 7.32 | 7.16 | | | 7.24 | 272°- | 16 | .0349 | -0.56 | -7.80 | | 2898.62 |
| 50 | | 6.96 | 6.06 | | | 6.51 | 77°30' | 90 | .2113 | -19.02 | -25.53 | | 2880.89 |
| 49 | | 6.80 | 4.865 | | | 5.89 ⁹⁰ | 84°- | 183.5 | .1040 | -19.08 | -24.98 | | 2881.44 |
| | | 5.96 | 4.32 | | 5.14 | | 87°- | 164 | .0523 | +8.58 | +13.72 | 2895.16 | |
| 48 | | 7.19 | 6.58 | | | 6.89 | 274°- | 61 | .0725 | -4.42 | -11.31 | | 2883.85 |
| 47 | | 5.79 | 5.42 | | | 5.60 | 90°- | 37 | — | — | -5.60 | | 2889.56 |
| 46 | | 3.36 | 2.17 | | | 2.88 | 92°- | 137 | .0349 | +4.78 | +1.90 | | 2897.06 |
| | | 3.38 | 2.70 | | 4.13 | | 86°- | 248 | .0696 | +17.26 | +21.40 | 2918.46 | |
| 45 | | 7.065 | 5.58 | | | 6.33 | 276°30' | 148.5 | .1125 | -16.71 | -23.04 | | 2895.42 |
| 44 | | 5.59 | 5.14 | | | 5.21 | 286°30' | 45 | .2723 | -12.25 | -17.62 | | 2900.84 |
| 43 | | 2.01 | 1.44 | | | 1.72 | 93°20' | 57 | .0250 | +3.31 | +1.59 | | 2920.05 |
| | | 7.04 | 4.73 | | 5.85 ⁷ | | 87°20' | 231 | .0465 | +10.74 | +16.62 | 2936.67 | |
| 42 | | 7.315 | 6.04 | | | 6.68 | 274°30' | 127.5 | 0.782 | -9.97 | -16.65 | | 2920.02 |
| 41 | | 7.145 | 6.55 | | | 7.00 | 271°- | 29.5 | .0349 | -1.03 | -8.03 | | 2928.61 |
| 40 | | 1.155 | 0.45 | | | 0.80 | 96°30' | 70.5 | .1125 | +7.93 | +7.13 | | 2943.80 |
| | | | | | | | | | | | | | 2943.98 60.37 TIE 0.18 |
| Line 1000E | | | | | | | | | | | | | 3098.26 |
| | | 3.08 | 0.79 | | 1.93 | | 92°10' | 229 | .0378 | -8.66 | -6.73 | 3091.53 | |
| 415 | | 4.98 | 3.66 | | | 4.32 | 265°- | 132 | .0349 | +4.61 | +0.29 | | 3091.82 |
| 41 | | 6.41 | 6.13 | | | 6.27 | 90°- | 28 | — | — | -6.27 | | 3085.26 |
| 43 | | 2.40 | 1.66 | | | 2.03 | 90°20' | 74 | .0058 | +0.43 | -1.60 | | 3089.93 |
| 44 | | 4.75 | 3.02 | | | 3.88 | 90°50' | 173 | .0145 | +2.51 | -1.37 | | 3090.16 |

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|--------------|------|-------------------|------|----------|--------------------|-------------------|--------|--------------|-------|--------|--------------|---------|-------------------------------------|
| | | | | | B.S. | F.S. | | | | | | | |
| Line 104-00E | | | | | | | | | | | | | |
| | | 5.875 | 4.24 | | 5.06 | | 90°30' | 163.5 | .0087 | -1.42 | +3.64 | 3093.80 | |
| 45 | | 3.02 | 2.43 | | | 2.73 | 270°- | 59 | — | — | -2.73 | | 3091.07 |
| 46 | | 7.255 | 6.89 | | | 7.07 | 86°50' | 36.5 | .0552 | -2.01 | -9.08 | | 3084.72 |
| 47 | | 4.83 | 3.44 | | | 4.14 ³ | 93°- | 139 | .0523 | +7.27 | +3.13 | | 3096.93 |
| | | 6.48 | 5.54 | | 6.01 | | 81°- | 94 | .1545 | +14.52 | +20.53 | 3117.46 | |
| 48 | | 4.70 | 4.67 | | | 4.66 | 2°- | 8 | — | — | -4.66 | | 3112.80 |
| 49 | | 4.45 | 3.34 | | | 3.90 | 94°- | 111 | .0696 | +7.73 | +3.83 | | 3121.29 |
| 50 | | 6.68 ⁷ | 4.56 | | | 5.62 | 95°- | 212 | .0868 | +18.40 | +12.79 | | 3130.25 |
| | | 5.79 | 5.00 | | 5.39 ⁴⁰ | | 90° | 79 | — | — | +5.40 | 3135.65 | |
| 51 | | 4.21 | 4.06 | | | 4.17 | 90°- | 21 | — | — | -4.17 | | 3131.48 |
| 52 | | 4.97 | 3.80 | | | 4.37 | 91°20' | 117 | .0233 | +2.73 | -1.66 | | 3133.99 + 3133.72 35.73 Tie O.27 |
| Line 96-00E | | | | | | | | | | | | | |
| | | 8.93 | 7.22 | | 8.08 | | 104°- | 171 | .2347 | -40.13 | -32.05 | 3229.71 | |
| 52 | | 6.985 | 5.64 | | | 6.31 | 256°- | 134.5 | .2347 | +31.57 | +25.26 | | 3314.97 |
| 51 | | 4.645 | 4.31 | | | 4.48 | 256°- | 33.5 | .2347 | +7.86 | +3.38 | | 3293.09 |
| 50 | | 5.83 | 5.10 | | | 5.47 | 80°30' | 73 | .1628 | -11.88 | -17.35 | | 3272.36 |
| 49 | | 6.45 | 4.68 | | | 5.53 ⁴ | 79°- | 177 | .1873 | -33.15 | -38.68 | | 3251.03 |
| | | 6.265 | 4.80 | | 5.53 ² | | 100°- | 146.5 | .1710 | -25.05 | -19.53 | 3231.50 | |
| 48 | | 4.85 | 4.40 | | | 4.63 | 260°- | 45 | .1710 | +7.70 | +3.07 | | 3234.57 |
| 47 | | 6.28 | 5.69 | | | 5.99 | 85°- | 59 | .0868 | -5.12 | -11.11 | | 3220.39 |
| 46 | | 7.185 | 5.62 | | | 6.40 ⁴ | 85°50' | 156.5 | .0725 | -11.35 | -17.75 | | 3213.75 |
| | | 6.91 | 5.08 | | 5.99 ⁴ | | 84°- | 183 | .1090 | +19.03 | +25.02 | 3238.77 | |

PETER E. WALCOTT & ASSOC. LTD.

Elevation Data

Date 23/4/74 Surveyor A.C. Rodman S.S. Instrument _____ Page 19

| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | DIST Azi-muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION | |
|------------|------|----------|------|-------|------|------|---------|---------------|--------|--------|-----------|---------|-----------|----------------------------|
| | | | | | B.S. | F.S. | | | | | | | | |
| Line 30+05 | | | | | | | | | | | | | | |
| 45 | | 5.93 | 5.13 | | | 5.53 | 278°30' | 80 | .1462 | -11.70 | -17.23 | | 3221.54 | |
| 44 | | 4.37 | 4.16 | | | 4.27 | 90°- | 21 | — | — | -4.27 | | 3234.50 | |
| 43 | | 4.045 | 2.80 | | | 3.42 | 99°30' | 124.5 | .1628 | +20.27 | +16.85 | | 3255.62 | |
| | | 6.50 | 4.78 | | | 5.64 | 82°20' | 172 | .1322 | +22.74 | +28.38 | 3284.00 | | |
| 42 | | 6.325 | 5.60 | | | 5.96 | 280°- | 72.5 | .1710 | -12.40 | -18.36 | | 3265.64 | |
| 41 | | 7.26 | 7.25 | | | 2.40 | 98°50' | 31 | .0609 | +1.89 | -0.51 | | 3283.49 | |
| Line 30 | | 3.69 | 2.63 | | | 3.16 | 98°30' | 106 | .0954 | +10.11 | +6.05 | | 3290.95 | 3290.92 -30.81 TIE 0.63 |
| Line 30+05 | | | | | | | | | | | | | | |
| | | 6.76 | 7.11 | | | 6.24 | 57°30' | 101 | .0436 | +4.40 | +10.64 | 3500.52 | | |
| 40 | | 6.05 | 4.71 | | | 4.84 | 71°30' | 154 | .0436 | -6.71 | -11.55 | | 3488.97 | |
| 41 | | 5.40 | 5.45 | | | 5.70 | 272°30' | 51 | .0436 | -2.22 | -7.92 | | 3492.60 | |
| 42 | | 4.515 | 4.49 | | | 4.51 | 91°30' | 48.5 | .0782 | +3.79 | -0.78 | | 3499.74 | |
| 43 | | 5.46 | 3.94 | | | 4.69 | 98°- | 152 | .1378 | +20.95 | +16.26 | | 3516.78 | |
| | | 4.235 | 3.30 | | | 3.81 | 97°20' | 87.5 | .1266 | -11.08 | -7.27 | 3509.51 | | |
| 44 | | 7.255 | 7.11 | | | 7.8 | 80°- | 148 | .1710 | -2.48 | -9.66 | | 3499.85 | |
| 45 | | 4.54 | 3.30 | | | 3.92 | 72°- | 124 | .12939 | -36.44 | -40.36 | | 3469.15 | |
| | | 6.495 | 4.8 | | | 5.33 | 106°30' | 230.5 | .2723 | -62.77 | -57.44 | 3411.71 | | |
| 46 | | 2.52 | 1.71 | | | 2.26 | 262°- | 111 | .1378 | +15.30 | +13.04 | | 3424.75 | |
| 47 | | 4 | 4.0 | | | 4.09 | 210°- | 6 | — | — | -4.09 | | 3407.62 | |
| 48 | | 6.715 | 5.83 | | | 6.30 | 88°- | 94.5 | .0349 | -3.30 | -9.60 | | 3402.11 | |
| 49 | | 4.7 | 2.22 | | | 3.19 | 89°30' | 195 | .0087 | -1.70 | -4.88 | | 3406.83 | |
| | | 7.32 | 5.10 | | | 6.21 | 82°20' | 222 | .1322 | +29.35 | +35.56 | 3442.39 | | |
| 50 | | 5.84 | 4.65 | | | 5.25 | 278°30' | 119 | .1462 | -17.40 | -22.65 | | 3419.74 | |

Tie Line 505

B.S. = 685 Read \downarrow 72+90

PETER E. WALCOTT & ASSOC. LTD.

Elevation Data

Date 24/4/74

Surveyor AC

Rodman

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | DIST Azi-muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION | |
|-------------|------|----------|-------|-------|------|------|---------|---------------|-------|--------|-----------|---------|-----------|----------|
| | | | | | B.S. | F.S. | | | | | | | | |
| LINE BB+20E | | | | | | | | | | | | 3942.37 | | |
| 515 | | 7.18 | 7.04 | | | 7.11 | 278° | 14 | .1378 | -1.93 | -9.04 | | 3433.35' | |
| 52 | | 5.44 | 4.59 | | | 5.01 | 101° | 85 | .1873 | +15.92 | +10.91 | | 3453.30 | |
| 12700 | | 6.89 | 5.22 | | | 6.06 | 101° | 167 | .1873 | +31.28 | +25.22 | 3467.61 | 3467.75 | TIE 0.14 |
| | | | | | | | | | | | | | 22.27 | |
| LINE 56+00E | | | | | | | | | | | | | 3778.13 | |
| | | 5.965 | 3.32 | | | 4.75 | 85°30' | 244.5 | .0782 | +19.12 | +23.86 | 2801.99 | | |
| 555 | | 7.13 | 5.68 | | | 6.41 | 274°40' | 147 | .0811 | -11.92 | -18.33 | | 3783.66 | |
| 54 | | 6.22 | 5.67 | | | 5.95 | 274°40' | 55 | .0811 | -4.46 | -10.41 | | 3791.58 | |
| 53 | | 2.43 | 1.97 | | | 2.20 | 95°20' | 46 | .0925 | +4.26 | +2.06 | | 3804.05' | |
| 52 | | 5.80 | 4.32 | | | 5.06 | 96° | 148 | .1040 | +15.39 | +10.34 | | 3812.33 | |
| | | 6.985 | 5.24 | | | 6.11 | 84°20' | 174.5 | .0983 | +17.15 | +23.26 | 3835.59 | | |
| 51 | | 6.48 | 5.77 | | | 6.10 | 277°30' | 76 | .1294 | -9.83 | -15.93 | | 3819.66 | |
| 50 | | 6.76 | 6.45 | | | 6.62 | 90° | 28 | — | — | -6.62 | | 3828.97 | |
| 49 | | 7.32 | 6.06 | | | 6.69 | 90° | 126 | — | — | -6.69 | | 3828.90 | |
| 48 | | 4.43 | 2.16 | | | 3.30 | 90°40' | 227 | .0116 | +2.63 | -0.66 | | 3834.96 | |
| | | 6.965 | 4.89 | | | 5.83 | 84°50' | 227.5 | .0897 | +20.41 | +26.23 | 3861.16 | | |
| 47 | | 5.25 | 4.00 | | | 4.63 | 275°10' | 125 | .0897 | -11.21 | -15.84 | | 3845.32 | |
| 46 | | 6.67 | 6.43 | | | 6.55 | 275°10' | 24 | .0897 | -2.15 | -8.79 | | 3852.46 | |
| 45 | | 6.58 | 5.80 | | | 6.19 | 83° | 78 | .1210 | -9.44 | -15.63 | | 3845.5'3 | |
| 44 | | 6.45 | 4.66 | | | 5.56 | 83° | 179 | .1210 | -21.66 | -27.21 | | 3833.95 | |
| | | 5.49 | 3.41 | | | 4.45 | 96°20' | 208 | .1096 | -22.80 | -18.35 | 3815.60 | | |
| 43 | | 3.31 | 2.255 | | | 2.78 | 266°50' | 105.5 | .0552 | +5.82 | +3.04 | | 3818.64 | |
| 42 | | 5.47 | 5.47 | | | 5.45 | 270° | 4 | — | — | -5.45 | | 3810.15' | |
| 12700 | | 5.91 | 4.90 | | | 5.40 | 90° | 202 | — | — | -5.40 | | 3810.20 | 3810.19 |
| 40 | | 4.90 | 2.89 | | | 3.89 | 90° | | — | — | -3.89 | | 3811.71 | TIE 0.01 |

PETER E. WALCOTT & ASSOC. LTD.

Elevation Data

Date 24/4/74

Surveyor A.C.

Rodman S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi-muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|-------------|------|----------|-------|-------|-------------------|--------------------|---------|----------|-------|--------|-----------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 64+00E | | | | | | | | | | | | | 3784.90 |
| | | 6.87 | 5.54 | | 6.21 ^v | | 87°- | 133 | .0523 | +6.96 | +13.17 | 3798.07 | |
| 40 | | 5.21 | 2.88 | | | 4.05 | 272°- | 233 | .0349 | -8.13 | -12.18 | | 3785.89 |
| 42 | | 5.10 | 4.82 | | | 4.96 | 276°30' | 28 | .1125 | -3.15 | -8.11 | | 3789.96 |
| 43 | | 3.565 | 2.57 | | | 3.72 | 93°- | 69.5 | .0523 | +3.63 | +0.41 | | 3798.48 |
| 44 | | 5.255 | 3.54 | | | 4.39 ³¹ | 96°40' | 171.5 | .1153 | +19.77 | +15.38 | | 3813.45 |
| | | 6.64 | 3.34 | | 5.99 ^v | | 83°40' | 130 | .1096 | +14.25 | +20.24 | 3833.69 | |
| 45 | | 7.22 | 6.94 | | | 7.08 | 270°- | 28 | — | — | -7.08 | | 3826.61 |
| 46 | | 6.83 | 6.12 | | | 6.48 | 87°30' | 71 | .0436 | -3.10 | -9.58 | | 3824.11 |
| — | | 6.76 | 5.41 | | | 6.09 ⁸ | 85°- | 135 | .0868 | -11.72 | -17.80 | | 3815.89 |
| | | 4.02 | 1.84 | | 2.92 ^v | | 98°- | 218 | .1378 | -30.04 | -27.12 | 3788.77 | |
| 47 | | 5.62 | 3.52 | | | 4.77 | 262°- | 180 | .1378 | +24.80 | +20.09 | | 3808.86 |
| 48 | | 4.47 | 3.61 | | | 4.04 | 265°- | 186 | .0868 | +7.46 | +13.42 | | 3792.19 |
| 49 | | 4.38 | 4.14 | | | 4.26 | 90°- | 24 | — | — | -4.26 | | 3784.51 |
| 85 | | 7. | | | | 4.16 | 90°- | | — | — | -4.16 | | 3784.61 |
| 50 | | 7.04 | 5.795 | | | 6.42 ^v | 91°- | 124.5 | .0174 | +2.17 | -4.25 | | 3784.52 |
| | | 5.715 | 3.75 | | 4.73 ¹ | | 95°20' | 196.5 | .0925 | -18.18 | -13.46 | 3771.06 | |
| 51 | | 4.51 | 3.57 | | | 4.04 | 264°40' | 94 | .0925 | +8.70 | +4.66 | | 3775.72 |
| 52 | | 5.46 | 5.39 | | | 5.43 | 90°- | 7 | — | — | -5.43 | | 3765.63 |
| 53 | | 6.675 | 5.60 | | | 6.14 | 85°30' | 107.5 | .0782 | -8.41 | -14.55 | | 3756.51 |
| 54 | | 6.57 | 4.41 | | | 5.46 ^v | 86°10' | 211 | .0667 | -14.07 | -19.53 | | 3751.53 |
| | | 4.495 | 3.66 | | 4.02 ² | | 94°- | 88.5 | .0696 | -5.81 | -1.74 | 3749.79 | |
| 55 | | 6.56 | 6.38 | | | 6.46 | 78°- | 18 | .2034 | -3.66 | -10.12 | | 3739.67 |
| INTER 56 | | 6.625 | 5.42 | | | 6.02 ^v | 83°- | 120.5 | .1210 | -14.58 | -20.60 | | 3729.19 |

35.71 3729.17
TIE 0.00

PETER E. WALCOTT & ASSOC. LTD.

Elevation Data

Date 24/4/74
25/4/74

Surveyor d.c.

Rodman S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi-muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|--------------|------|----------|-------|-------|-------------------|-------------------|----------|----------|-------|--------|-----------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 72 100E | | | | | | | | | | | | | 3656.68 |
| | | 11.71 | 10.38 | | 11.04 | | 86° - | 133' | .0696 | + 9.26 | +20.30 | 3676.98 | |
| 553 | | 5.25 | 4.91 | | | 5.08 | 270° - | 34' | — | — | -5.08 | | 3671.90 |
| 54 | | 4.71 | 4.06 | | | 4.38 | 92° - | 65' | .0349 | +2.27 | -2.11 | | 3674.87 |
| 53 | | 5.935 | 4.30 | | | 5.12 | 92° - | 163.5 | .0349 | +5.71 | +0.59 | | 3677.57 |
| | | 6.20 | 3.80 | | 4.99 | | 86° - | 240' | .0696 | +16.70 | +21.70 | 3699.25 | |
| 52 | | 6.865 | 5.46 | | | 6.17 | 274° 20' | 140.5' | .0753 | -10.58 | -16.75 | | 3682.50 |
| 51 | | 7.17 | 6.84 | | | 7.01 | 273° - | 35' | .0523 | -1.83 | -8.84 | | 3690.41 |
| 50 | | 4.475 | 3.89 | | | 4.18 | 93° - | 58.5' | .0523 | +3.06 | -1.12 | | 3692.13 |
| 49 | | 5.26 | 3.62 | | | 4.44 ³ | 92° 20' | 164' | .0436 | +7.15 | +2.72 | | 3701.99 |
| | | 6.87 | 4.40 | | 5.65 ⁴ | | 84° 40' | 249' | .0925 | +23.03 | +28.68 | 3730.63 | |
| 48 | | 6.31 | 4.84 | | | 5.57 | 278° - | 147' | .1378 | -20.26 | -25.83 | | 3704.80 |
| 47 | | 7.075 | 6.63 | | | 6.86 | 277° 30' | 44.5' | .1294 | -5.76 | -12.62 | | 3712.01 |
| 46 | | 2.82 | 2.26 | | | 2.54 | 90° - | 56' | — | — | -2.54 | | 3728.09 |
| 45 | | 4.72 | 3.18 | | | 3.95 | 91° 30' | 154' | .0262 | +4.03 | +0.08 | | 3730.71 |
| 44 | | 4.05 | 1.44 | | | 2.72 [✓] | 91° 40' | 257.5 | .0291 | +7.49 | +4.77 | | 3735.44 |
| | | 6.83 | 4.35 | | 5.59 [✓] | | 87° 30' | 248' | .0436 | +10.81 | +16.40 | 3751.84 | |
| 43 | | 6.67 | 5.20 | | | 5.95 | 272° 30' | 149' | .0436 | -6.50 | -12.45 | | 3739.39 |
| 42 | | 6.22 | 5.72 | | | 5.97 | 272° 36' | 50' | .0436 | -2.18 | -8.15 | | 3743.69 |
| 41 | | 6.25 | 5.71 | | | 5.98 | 87° 30' | 54' | .0436 | -2.35 | -8.33 | | 3743.51 |
| Inter. 40 80 | | 7.05 | 6.24 | | | 6.63 [✓] | 87° 30' | 77.5 | .0436 | -3.38 | -10.01 | | 3741.83 |
| 40 | | 6.06 | 4.50 | | | 5.28 | 87° 30' | 156' | .0436 | -6.80 | -12.08 | | 3739.76 |

85.15 3741.65
T.E.C. 18

PETER E. WALCOTT & ASSOC. LTD.

Elevation Data

Date 25/4/74

Surveyor A.C.

Rodman S.S

Instrument

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| Station | T.P. | I/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | PROD DIFF. | ELEV DIFF | H.I. | ELEVATION |
|-------------|------|-------------|------|----------|--------------------|-------------------|---------|-------------------|-------|---------------|--------------|---------|---------------------------|
| | | | | | B.S. | F.S. | | | | | | | |
| Line 80.00E | | | | | | | | | | | | | 3651.12 |
| | | 7.085 | 5.30 | | 6.49 ²⁰ | | 95°- | 178.5 | .0868 | -15.47 | -9.29 | 3641.83 | |
| 42 | | 4.85 | 4.35 | | | 4.60 | 265°- | 50 | .0868 | +4.34 | -0.26 | | 3641.57 |
| 43 | | 7.165 | 6.66 | | | 6.71 | 88°20' | 50.5 | .0291 | -1.47 | -8.38 | | 3633.45 |
| 44 | | 7.185 | 5.65 | | | 6.41 | 88°20' | 153.8 | .0291 | -4.47 | -10.88 | | 3630.95 |
| 45 | | 6.89 | 4.04 | | | 5.32 | 88°20' | 255 | .0291 | -7.42 | -12.74 | | 3629.09 |
| | | 4.58 | 2.88 | | 3.73 ⁴ | | 90°- | 170 | — | — | +3.74 | 3632.83 | |
| 46 | | 4.15 | 3.42 | | | 3.79 | 270°- | 73 | — | — | -3.79 | | 3629.04 |
| 47 | | 6.625 | 6.29 | | | 6.46 | 80°- | 33.5 ¹ | .1710 | -5.73 | -12.19 | | 3620.64 |
| 48 | | 6.155 | 4.85 | | | 5.50 | 81°30' | 130.5 | .1462 | -19.08 | -24.58 | | 3608.25 |
| 49 | | 4.74 | 2.41 | | | 3.57 ⁸ | 83°- | 223 | .1210 | -28.19 | -31.77 | | 3601.06 |
| | | 2.55 | 1.07 | | 1.81 ² | | 90°- | 148 | — | — | +1.82 | 3602.88 | |
| 50 | | 2.85 | 2.43 | | | 2.64 | 270°- | 42 | — | — | -2.64 | | 3600.24 |
| 51 | | 6.94 | 6.36 | | | 6.65 | 87°- | 5.8 | .0523 | -3.03 | -9.68 | | 3593.20 |
| 52 | | 6.65 | 5.02 | | | 5.84 | 87°30' | 163 | .0436 | -7.11 | -12.95 | | 3589.93 |
| 53 | | 6.555 | 3.96 | | | 5.26 ⁵ | 88°30' | 259.5 | .0262 | -6.80 | -12.05 | | 3590.83 |
| | | 6.945 | 5.70 | | 6.32 ³ | | 87°- | 124.5 | .0523 | +6.51 | +12.84 | 3603.67 | |
| 54 | | 6.85 | 6.66 | | | 6.75 | 273°- | 19 | .0523 | -0.99 | -7.74 | | 3595.93 |
| 55 | | 2.855 | 2.05 | | | 2.45 | 100°30' | 80.5 | .1792 | +14.43 | +11.98 | | 3615.65 |
| 56 | | 4.105 | 2.14 | | | 3.12 ¹ | 101°30' | 196.5 | .1954 | +38.40 | +35.28 | | 3638.95 |
| | | | | | | | | | | | | | 12.17 3639.08 TIE 0.13 |

PETER E. WALCOTT & ASSOC. LTD.

Elevation Data

Date 25/4/74

Surveyor A.C.

Rodman S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|---------------|------|--------------|------|----------|------|--------------|---------|--------------|-------|--------|--------------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| Line 128 +00E | | | | | | | | | | | | | 2787.74 |
| | | 5.58 | 3.64 | | 4.60 | | 83°30' | 194 | .1125 | +21.83 | +26.43 | 2814.77 | |
| 393 | | 6.085 | 5.15 | | | 5.62 | 276°30' | 93.5' | .1125 | -10.52 | -16.14 | | 2798.03 |
| 38 | | 3.79 | 3.71 | | | 3.75 | 90° | 8 | — | — | -3.75 | | 2810.42 |
| 37 | | 3.21 | 2.15 | | | 2.68 | 93°30' | 106 | .0609 | +6.46 | +3.78 | | 2817.95 |
| 36 | | 3.31 | 1.82 | | | 2.86 | 93°30' | 209 | .0609 | +12.73 | +9.87 | | 2824.04 |
| | | 6.69 | 4.40 | | 5.51 | | 85° | 229 | .0868 | +19.88 | +25.42 | 2849.46 | |
| 35 | | 5.23 | 4.02 | | | 4.62 | 275° | 121 | .0868 | -10.50 | -15.12 | | 2834.34 |
| 34 | | 7.35 | 7.11 | | | 7.23 | 270° | 24 | — | — | -7.23 | | 2842.23 |
| 33 | | 1.12 | 0.44 | | | 0.78 | 93°30' | 68 | .0436 | +2.96 | +2.22 | | 2851.68 |
| 32 | | 3.71 | 2.21 | | | 3.06 | 95°30' | 170 | .0954 | +16.22 | +13.46 | | 2862.62 |
| | | 6.02 | 4.08 | | 5.04 | | 86° | 194 | .0696 | +13.50 | +18.55 | 2881.17 | |
| 31 | | 7.09 | 6.17 | | | 6.63 | 274°10' | 92 | .0725 | -6.67 | -13.30 | | 2867.87 |
| 30 | | 4.91 | 4.84 | | | 4.87 | 90° | 7 | — | — | -4.87 | | 2876.30 |
| 29 | | 4.06 | 2.99 | | | 3.52 | 94°30' | 107 | .0782 | +8.37 | +4.85 | | 2886.02 |
| | | 5.96 | 4.04 | | 5.00 | | 90° | 192 | — | — | +5.01 | 2891.03 | |
| 28 | | 4.23 | 3.21 | | | 3.77 | 270° | 92 | — | — | -3.77 | | 2887.26 |
| 27 | | 4.88 | 4.80 | | | 4.84 | 90° | 8 | — | — | -4.84 | | 2886.19 |
| 26 | | 5.46 | 4.37 | | | 4.92 | 90° | 109 | — | — | -4.92 | | 2886.11 |
| 25 | | 2.53 1.92 | 0.42 | | | 1.47 0.86 | 90°10' | 211 | .0029 | +0.61 | -0.86 | | 2890.17 |
| | | 7.02 | 5.18 | | 6.10 | | 88°50' | 184 | .0204 | +3.75 | +9.85 | 2900.02 | |
| 24 | | 6.25 | 5.42 | | | 5.85 | 270° | 86 | — | — | -5.85 | | 2894.17 |
| 23 | | 4.78 | 4.82 | | | 4.90 | 90° | 16 | — | — | -4.90 | | 2895.12 |
| 22 | | 7.42 | 6.22 | | | 6.82 | 90° | 120 | — | — | -6.82 | | 2893.20 |
| — | | 6.375 | 4.84 | | | 5.61 | 88°30' | 153.5 | .0262 | -4.02 | -9.63 | | 2896.39 |

PETER E. WALCOTT & ASSOC. LTD.

Elevation Data

Date 25/4/74

Surveyor A.C.

Rodman S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi-muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|---------------|------|----------|------|-------|------|------|---------|----------|-------|--------|-----------|---------|----------------------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 128 +00E | | | | | | | | | | | | | |
| | | 4.69 | 2.36 | | 3.52 | | 103°30' | 233 | .2270 | -52.89 | -49.38 | 2841.01 | |
| 21 | | 6.49 | 4.82 | | | 5.66 | 257°30' | 167 | .2113 | +35.29 | +29.63 | | 2870.64 |
| 20 | | 2.95 | 2.36 | | | 2.65 | 264°- | 59 | .1040 | +6.14 | +3.49 | | 2844.50 |
| 19 | | 7.26 | 7.01 | | | 7.13 | 75°40' | 25 | .1927 | -4.82 | -11.95 | | 2829.06 |
| 18 | | 5.83 | 4.57 | | | 5.20 | 86°- | 126 | .0696 | -8.77 | -13.96 | | 2827.05 |
| | | 7.28 | 6.14 | | | 6.72 | 79°25' | 114 | .1819 | +20.74 | +27.45 | 2854.50 | |
| 17 | | 7.38 | 7.22 | | | 7.30 | 270°- | 16 | — | — | -7.30 | | 2847.20 |
| 16 | | 4.14 | 3.30 | | | 3.71 | 102°- | 84 | .2029 | +17.09 | +13.38 | | 2867.88 |
| | | | | | | | | | | | | | 2868.18 11E -0.30 |
| LINE 136 +00E | | | | | | | | | | | | | |
| | | 3.785 | 1.84 | | | 2.92 | 94°30' | 214.5 | .0782 | -16.77 | -13.86 | 2745.52 | 2759.38 |
| 18 | | 7.59 | 6.37 | | | 6.98 | 270°- | 122 | — | — | -6.98 | | 2738.54 |
| 19 | | 6.25 | 6.08 | | | 6.16 | 270°- | 17 | — | — | -6.16 | | 2739.36 |
| 20 | | 3.28 | 2.48 | | | 2.88 | 96°30' | 80 | .1125 | +9.00 | +6.12 | | 2751.64 |
| 21 | | 5.45 | 3.63 | | | 4.54 | 100°30' | 182 | .1792 | +32.11 | +28.08 | | 2773.60 |
| | | 6.165 | 4.08 | | | 5.12 | 80°30' | 208.5 | .1628 | +33.94 | +39.06 | 2812.66 | |
| 22 | | 6.16 | 5.11 | | | 5.64 | 279°30' | 105 | .1628 | -17.09 | -22.73 | | 2789.93 |
| 23 | | 5.12 | 5.08 | | | 5.10 | 270°- | 4 | — | — | -5.10 | | 2807.56 |
| 24 | | 6.395 | 5.42 | | | 5.91 | 88°30' | 97.5 | .0262 | -2.55 | -8.46 | | 2804.20 |
| 25 | | 3.34 | 1.39 | | | 2.36 | 88°30' | 195 | .0262 | -5.11 | -7.47 | | 2805.19 |
| | | 2.79 | 0.81 | | | 1.80 | 90°- | 198 | — | — | +1.80 | 2806.99 | |
| 26 | | 3.46 | 2.45 | | | 2.96 | 270°- | 101 | — | — | -2.96 | | 2804.03 |
| 27 | | 5.04 | 5.00 | | | 5.02 | 95°- | 4 | — | — | -5.02 | | 2801.97 |

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Date 25/4/74
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Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | DIST Azi-muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|---------------|------|--------------------|------|-------|-------------------|--------------------|----------|---------------|-------|--------|-----------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 142400 E | | | | | | | | | | | | | 2454.37 |
| | | 3.44 | 2.02 | | 2.73 | | 90° - | 142 | - | - | +2.73 | 2457.10 | |
| 41 | | 3.84 | 3.57 | | | 3.71 | 270° - | 27 | - | - | -3.71 | | 2453.39 |
| 42 | | 6.63 | 5.97 | | | 6.30 | 89° 30' | 66 | .0087 | - .27 | -6.87 | | 2450.23 |
| 43 | | 6.88 ³⁵ | 5.20 | | | 6.02 | 88° 40' | 163.5 | .0233 | - 3.81 | -9.83 | | 2447.27 |
| 44 | | 6.835 | 4.16 | | | 5.51 ⁴⁹ | 88° 40' | 267.5 | .0233 | -6.23 | -11.73 | | 2445.37 |
| 45 | | 5.85 | 2.83 | | 4.34 ³ | | 90° 50' | 302 | .0145 | -4.38 | -0.04 | 2445.33 | |
| 46 | | 3.71 | 2.68 | | | 3.20 | 270° - | 103 | - | - | -3.20 | | 2442.13 |
| 47 | | 4.86 | 4.82 | | | 4.84 | 270° - | 4 | - | - | -4.84 | | 2440.49 |
| 48 | | 6.70 | 5.70 | | | 6.20 | 90° - | 100 | - | - | -6.20 | | 2439.13 |
| 49 | | 7.59 | 5.67 | | | 6.63 | 90° - | 192 | - | - | -6.63 | | 2438.70 |
| | | 7.14 | 5.30 | | 6.22 | | 90° - | 184 | - | - | +6.22 | 2444.92 | |
| 50 | | 4.53 | 3.69 | | | 4.11 | 270° - | 84 | - | - | -4.11 | | 2440.81 |
| 51 | | 5.20 | 5.00 | | | 5.10 | 90° - | 20 | - | - | -5.10 | | 2439.82 |
| 52 | | 3.72 | 2.51 | | | 3.12 ¹ | 99° 40' | 121 | .1655 | +20.03 | +16.91 | | 2461.83 |
| | | 5.50 | 3.30 | | 4.41 ¹ | | 90° - | 220 | - | - | +4.41 | 2466.24 | |
| 53 | | 5.76 | 4.60 | | | 5.18 | 270° - | 116 | - | - | -5.18 | | 2461.06 |
| 54 | | 4.85 | 4.63 | | | 4.74 | 270° - | 22 | - | - | -4.74 | | 2461.50 |
| 55 | | 4.81 | 4.08 | | | 4.45 | 90° - | 73 | - | - | -4.45 | | 2461.79 |
| 56 | | 3.54 | 1.71 | | | 2.63 ⁴ | 90° - | 183 | - | - | -2.64 | | 2463.60 |
| | | 5.10 | 2.94 | | 4.01 ² | | 77° - | 216 | .2192 | +47.35 | +51.36 | 2514.96 | |
| 57 | | 6.94 | 5.80 | | | 6.37 | 287° 10' | 114 | .2820 | -32.15 | -38.52 | | 2476.44 |
| 58 | | 6.28 | 6.23 | | | 6.26 | 270° - | 5 | - | - | -6.26 | | 2508.70 |
| 59 | | 6.57 | 5.87 | | | 6.37 | 103° 30' | 100 | .2270 | +22.70 | +16.33 | | 2531.29 |
| | | 6.45 | 4.72 | | 5.59 | | 77° 40' | 173 | .2087 | +36.11 | +41.70 | 2572.99 | |

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Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION | |
|---------------|------|----------|------|-------|------|------|---------|--------------|-------|--------|--------------|---------|-----------|----------|
| | | | | | B.S. | F.S. | | | | | | | | |
| LINE 144 +00F | | | | | | | | | | | | 2572.99 | | |
| 603 | | 6.485 | 5.79 | | | 6.14 | 285° | 69.5 | .257 | -17.38 | -23.52 | | 2549.47 | |
| 61 | | 3.28 | 2.94 | | | 3.11 | 102° | 34 | .2034 | +6.92 | +3.81 | | 2576.80 | |
| 62 | | 3.24 | 1.89 | | | 2.57 | 105° | 135 | .2500 | +33.75 | +31.18 | | 2604.17 | |
| | | 6.87 | 5.26 | | | 6.07 | 74°40' | 163 | .2550 | +41.57 | +47.63 | 2651.80 | | |
| 63 | | 5.25 | 5.90 | | | 6.18 | 282° | 55 | .2034 | -11.19 | -17.37 | | 2634.43 | |
| 64 | | 2.595 | 2.12 | | | 2.36 | 102° | 47.5 | .2034 | +9.66 | +7.30 | | 2659.10 | |
| 65 | | 3.33 | 1.72 | | | 2.52 | 106°30' | 161 | .2723 | +43.84 | +41.32 | | 2693.12 | |
| | | 6.585 | 4.56 | | | 5.57 | 71°50' | 202.5 | .2962 | +59.98 | +65.55 | 2758.67 | | |
| 66 | | 5.445 | 5.04 | | | 5.02 | 291° | 95.5 | .3346 | -31.95 | -36.97 | | 2721.70 | |
| 67 | | 1.845 | 1.66 | | | 1.75 | 102°30' | 185 | .2113 | +3.91 | +2.16 | | 2760.83 | |
| INTER. 68 | | 5.53 | 4.30 | | | 4.91 | 106° | 123 | .2650 | +32.60 | +27.69 | | 2786.36 | 331.99 ✓ |
| TIE LINE -85 | | | | | | | | | | | | | | |
| | | 6.84 | 5.00 | | | 5.91 | 78°20' | 184 | .1980 | +36.43 | +42.34 | 2828.70 | | |
| 146 F | | 5.93 | 5.87 | | | 5.90 | 270° | 6 | — | — | -5.90 | | 2822.80 | |
| 148 | | 7.06 | 5.06 | | | 6.06 | 97° | 200 | .1210 | +24.20 | +18.15 | | 2846.85 | |
| | | 6.92 | 4.70 | | | 5.86 | 87°40' | 210 | .0907 | +8.55 | +14.40 | 2861.25 | | |
| 150 | | 5.83 | 5.73 | | | 5.75 | 270° | 10 | — | — | -5.78 | | 2855.47 | |
| INTER. 152 | | 4.43 | 2.59 | | | 3.51 | 94° | 184 | .0696 | +12.81 | +9.30 | | 2870.55 | 416.18 ✓ |
| LINE 152 +00F | | | | | | | | | | | | | | |
| | | 3.84 | 1.78 | | | 2.82 | 93°30' | 206.5 | .0609 | -12.58 | -9.76 | 2860.79 | 406.42 | |
| 675 | | 7.01 | 5.94 | | | 6.47 | 93°20' | 107 | .0580 | +6.21 | -0.26 | | 2860.53 | |

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Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | DIST Azi-muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION | |
|--------------|------|---------------------|-------------------|-------|------|-------------------|---------|---------------|-------|--------|-----------|---------|-----------|--------|
| | | | | | B.S. | F.S. | | | | | | | | |
| LINE 152 DOE | | | | | | | | | | | | 2860.79 | | |
| 66 | | 4.84 | 4.79 | | | 4.81 | 90° | 5 | — | — | -4.81 | | 2855.98 | |
| 65 | | 4.06 | 3.205 | | | 3.63 | 271° | 86.5 | .0174 | -1.51 | -5.14 | | 2855.65 | |
| 64 | | 6.95 ⁷ | 5.04 | | | 6.01 4.90 | 270°40' | 193 | .0116 | -2.24 | -8.25 | | 2852.54 | |
| INTER. | | 12.85 | 10.69 | | | 11.77 | 270°20' | 216 | .0058 | -1.25 | -13.02 | | 2847.77 | 393.40 |
| TIE LINE 645 | | | | | | | | | | | | | | |
| | | 11.89 | 10.37 | | | 11.13 | 91°40' | 152 | .0291 | -4.42 | +6.71 | 2854.48 | | |
| 154 | | 5.14 | 5.18 | | | 5.16 | 90° | — | — | — | -5.16 | | 2849.32 | |
| 156 | | 4.96 | 2.94 | | | 3.95 ⁶ | 90° | 202 | — | — | -3.96 | | 2850.52 | |
| | | 6.80 | 4.71 | | | 5.75 | 87°30' | 209 | .0436 | +9.11 | +14.86 | 2865.38 | | |
| 158 | | 4.76 | 4.68 | | | 4.72 | 270° | 8 | — | — | -4.72 | | 2860.66 | |
| INTER. 160 | | 3.7 | 1.80 | | | 2.75 | 92°30' | 191 | .0436 | +8.33 | +5.58 | | 2870.96 | 416.59 |
| | | 7.10 | 5.06 | | | 6.05 | 85°20' | 204 | .0811 | +16.54 | +22.62 | 2893.58 | | |
| 162 | | 5.44 | 5.37 | | | 5.41 | 276° | 7 | — | — | -5.41 | | 2888.17 | |
| 164 | | 4.61 | 2.62 | | | 3.61 | 97°40' | 199 | .1322 | +26.31 | +22.70 | | 2916.28 | |
| | | 6.74 | 4.815 | | | 5.80 | 79°10' | 192.5 | .1346 | +35.54 | +41.34 | 2957.62 | | |
| 166 | | 3.24 | 3.25 | | | 3.20 | 90° | 9 | — | — | -3.30 | | 2954.32 | |
| INTER. 168 | | 10.355 ⁹ | 8.40 ³ | | | 9.41 | 94°40' | 196 | .0811 | +15.90 | +6.49 | | 2964.11 | 509.74 |
| | | 7.65 | 5.13 | | | 6.39 ⁸ | 90° | 252 | — | — | +6.39 | 2970.50 | | |
| 170 | | 7.29 | 6.96 | | | 7.13 | 274°30' | 33 | .0782 | -2.58 | -9.71 | | 2960.79 | |
| 172 | | 4.37 | 2.70 | | | 3.54 | 96° | 167 | .1090 | +17.37 | +13.83 | | 2984.33 | |
| | | 6.21 | 4.05 | | | 5.13 ^v | 84° | 216 | .1040 | +22.46 | +27.59 | 3011.92 | 557.55 v | |
| 174 | | 7.7 | 6.97 | | | 7.07 | 272° | 20 | .0349 | -0.70 | -7.77 | | 3004.15 | |
| 176 | | 4.92 | 3.06 | | | 3.99 | 97°40' | 186 | .1322 | +24.59 | +20.60 | | 3032.52 | |

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION | |
|-------------------------|------|-------------|-------|----------|------|------|---------|--------------|-------|--------|--------------|---------|-----------|----------|
| | | | | | B.S. | F.S. | | | | | | | | |
| TIE LINE 645 | | | | | | | | | | | | | | |
| WATER 176+ | | 4.105 | 1.54 | | | 2.82 | 99°30' | 256 | .1628 | +41.68 | +38.86 | | 3050.78 | 596.41 |
| | | 6.34 | 4.46 | | | 5.40 | 71°20' | 188 | .3032 | +57.00 | +62.40 | 3113.18 | | |
| 178 | | 7.06 | 6.585 | | | 6.83 | 292°30' | 47.5 | .3536 | -16.80 | -23.63 | | 3089.55 | |
| - | | 3.75 | 2.10 | | | 2.93 | 105°40' | 165 | .2600 | +42.90 | +39.78 | | 3153.16 | |
| | | 6.87 | 5.60 | | | 6.22 | 70° - | 127 | .2650 | +33.66 | +39.88 | 3193.04 | | |
| 180 | | 6.95 | 5.72 | | | 6.34 | 286° - | 172.5 | .2650 | -32.46 | -38.80 | | 3154.24 | |
| 182 | | 2.26 | 1.44 | | | 1.85 | 106°30' | 82 | .2723 | +22.33 | +20.48 | | 3213.52 | |
| | | 6.05 | 3.54 | | | 4.82 | 67°30' | 251 | .3536 | +88.75 | +93.57 | 3307.09 | | |
| WATER 184 +60 64°30' | | 0.82 | 0.67 | | | 0.75 | 90° - | 15 | - | - | -0.75 | | 3306.34 | 851.97 ✓ |
| LINE 184 ROOF | | | | | | | | | | | | | | |
| | | 7.55 | 5.33 | | | 6.44 | 90° - | 222 | - | - | +6.44 | 3312.78 | | |
| 63 | | 6.06 | 3.15 | | | 5.60 | 271°30' | 91 | .0262 | -7.38 | -7.98 | | 3304.80 | |
| 62 | | 5.60 | 5.52 | | | 5.56 | 90° - | 8 | - | - | -5.56 | | 3307.22 | |
| 61 | | 4.10 | 3.01 | | | 3.56 | 90° | 109 | - | - | -3.56 | | 3309.22 | |
| 60 | | 3.80 | 1.62 | | | 2.72 | 95° | 218 | .0868 | +18.92 | +16.20 | | 3328.98 | |
| 59 | | 4.36 | 1.26 | | | 2.82 | 263°30' | 310 | .1125 | +34.88 | +32.05 | | 3344.83 | |
| | | 6.175 | 4.28 | | | 5.21 | 81° - | 195.5 | .1545 | +30.20 | +35.41 | 3380.24 | | |
| 58 | | 8.92 | 8.05 | | | 8.49 | 279° | 87 | .1545 | -13.44 | -21.93 | | 3358.31 | |
| 57 | | 4.74 | 4.68 | | | 4.71 | 90° - | 6 | - | - | -4.71 | | 3375.53 | |
| 56 | | 4.35 | 3.22 | | | 3.78 | 92° - | 113 | .0349 | +3.94 | +0.16 | | 3380.40 | |
| 55 | | 9.045 | 6.94 | | | 7.94 | 92° - | 210.5 | .0349 | +7.35 | -0.64 | | 3379.60 | |
| | | 5.25 | 4.16 | | | 4.71 | 98° - | 109 | .1378 | -15.02 | -10.31 | 3369.29 | | |
| 54 | | 2.96 | 2.91 | | | 2.93 | 276° | 5 | - | - | -2.93 | | 3366.36 | |

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | D/ST Azi-muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION | | |
|--------------|------|-------------------|-------|-------|------|--------------------|---------|---------------|--------------------|---------|-----------|---------|-----------|----------------------|---------|
| | | | | | B.S. | F.S. | | | | | | | | | |
| Line 184 005 | | | | | | | | | | | | | | | |
| 535 | | 6.70 | 5.265 | | | 6.18 | 73°20' | 103.5 | .2748 | -28.44 | -34.62 | 3111 | 3334.67 | | |
| | | 1.50 | 1.42 | | 1.46 | | 90° | 8 | — | — | +1.46 | 3336.13 | | | |
| | | 6.17 | 1.13 | | | 3.65 ³ | 63°30' | — | .3993 | -201.25 | 204.89 | | | | |
| - | | 7.105 | 3.40 | | | 5.26 ⁴ | 64°40' | 370.5 | .3867 | -143.27 | -148.52 | | 3187.61 | | |
| | | 5.18 | 4.64 | | 4.90 | | 109°- | 54 | .3078 | -16.62 | -11.72 | 3175.89 | | | |
| 52 | | 5.40 | 2.90 | | | 4.18 | 114°40' | 250 | .3793 | +94.83 | +90.68 | | 3266.57 | Adjusted Elevations. | |
| 51 | | 4.87 | 3.50 | | | 4.18 | 112°30' | 137 | .3536 | +48.44 | +44.26 | | 3220.15 | -1.79 | 3218.36 |
| 49 | | 5.96 | 5.77 | | | 5.87 | 293°32' | 19 | .3657 | -6.95 | -12.82 | | 3163.07 | | 3161.28 |
| 48 | | 6.50 ² | 5.265 | | | 5.87 ⁹⁰ | 289°30' | 124 | .3147 | -39.02 | -44.92 | | 3130.97 | | 3129.18 |
| | | 5.795 | 3.66 | | 4.72 | | 96°50' | 213.5 | .1181 ^v | -25.21 | -20.50 | 3110.47 | | | |
| 47 | | 4.915 | 3.92 | | | 4.45 | 265°- | 105.5 | .0868 | +9.16 | +4.71 | | 3115.18 | | 3113.39 |
| 46 | | 5.15 | 5.11 | | | 5.13 | 270°- | 4 | — | — | -5.13 | | 3105.34 | | 3103.55 |
| 45 | | 6.56 | 5.70 | | | 6.38 | 90°- | 96 | — | — | -6.38 | | 3104.09 | | 3102.30 |
| 44 | | 6.92 | 5.00 | | | 5.96 ⁵ | 89°- | 192 | .0174 | -3.34 | -9.30 | | 3101.17 | | 3099.38 |
| | | 6.995 | 5.04 | | 6.02 | | 88°30' | 195.5 | .0262 | +5.12 | +11.13 | 3112.30 | | | |
| 43 | | 5.69 | 4.79 | | | 5.24 | 270°- | 90 | — | — | -5.24 | | 3107.06 | | 3105.27 |
| 42 | | 5.56 | 5.48 | | | 5.52 | 70°- | 8 | — | — | -5.52 | | 3106.78 | | 3104.99 |
| 41 | | 5.00 | 4.00 | | | 4.53 | 84°- | 106 | .1040 | -11.02 | -15.55 | | 3096.75 | | 3094.96 |
| 40 | | 5.75 | 3.65 | | | 4.70 ⁶ | 86°30' | 210 | .0609 | -12.79 | -17.46 | | 3094.82 | | 3093.03 |
| | | 6.63 | 4.80 | | 5.72 | | 99°30' | 183 | .1628 ^v | -29.79 | -24.08 | 3070.74 | | | |
| 39 | | 3.455 | 2.64 | | | 3.05 | 260°30' | 815 | .1628 | +13.27 | +10.22 | | 3080.96 | | 3079.17 |
| 38 | | 6.54 | 6.32 | | | 6.43 | 78°30' | 22 | .1954 | -4.30 | -10.73 | | 3060.61 | | 3058.22 |
| 37 | | 9.21 | 7.44 | | | 8.58 | 76°- | 127 | .2347 ^v | -29.81 | -38.39 | | 3032.35 | | 3030.56 |
| | | 4.065 | 2.60 | | 3.32 | | 108°- | 146.5 | .2939 ^v | -43.06 | -39.74 | 2992.61 | | | |

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Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | DIST. Azi-muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION | |
|---------------|------|-------------------|------|-------|------|--------------------|---------|----------------|-------|--------|-----------|---------|-----------|---------|
| | | | | | B.S. | F.S. | | | | | | | | |
| LINE 184 +000 | | | | | | | | | | | | 2992.61 | | |
| 36 | | 3.175 | 2.82 | | | 3.00 | 258°- | 35.5 | .2939 | +10.43 | +7.43 | | 3000.04 | 2998.25 |
| 35 | | 7.06 | 6.28 | | | 6.67 | 71°- | 78 | .3078 | -24.01 | -30.68 | | 2961.93 | 2960.14 |
| 34 | | 6.84 | 4.83 | | | 5.84 ³ | 68°- | 201 | .3473 | -69.81 | -75.64 | | 2916.97 | 2915.18 |
| | | 4.87 | 3.86 | | | 4.37 ⁶ | 110°30' | 103 | .3280 | -33.78 | -29.42 | 2887.55 | | |
| 33 | | 6.64 | 6.57 | | | 6.60 | 79°- | 7 | .1873 | -1.31 | -7.91 | | 2879.64 | 2877.85 |
| Inter 32 | | 6.93 | 5.12 | | | 6.36 ⁵ | 72°20' | 114 | .2892 | -32.97 | -39.32 | | 2848.23 | 2846.44 |
| | | 3.71 ⁹ | 1.88 | | | 2.78 ⁷ | 94°50' | 183 | .0890 | -15.37 | -12.60 | 2833.84 | | |
| 31 | | 7.16 | 6.40 | | | 6.78 | 271°10' | 76 | .0204 | -1.55 | -8.33 | | 2825.51 | |
| 30 | | 6.52 | 6.30 | | | 6.40 | 90°- | 23 | — | — | -6.44 | | 2827.40 | |
| 29 | | 6.62 | 5.32 | | | 6.04 | 90°- | 130 | — | — | -6.04 | | 2827.80 | |
| — | | 6.25 | 4.42 | | | 5.27 ⁵ | 88°20' | 171.5 | .0291 | -4.99 | -10.25 | | 2823.59 | |
| | | 4.725 | 3.32 | | | 4.01 ¹⁰ | 100°30' | 140.5 | .1792 | -25.18 | -21.17 | 2802.42 | | |
| 28 | | 3.34 | 3.32 | | | 2.86 | 259°30' | 95 | .1792 | +17.02 | +4.16 | | 2816.58 | |
| 27 | | 6.39 | 6.29 | | | 6.34 | 90°- | 10 | — | — | -6.34 | | 2796.08 | |
| 26 | | 6.56 | 5.44 | | | 5.99 | 80°- | 112 | .1710 | -19.15 | -25.14 | | 2777.28 | |
| 25 | | 6.61 | 4.58 | | | 5.59 ⁸ | 80°- | 203 | .1710 | -34.71 | -40.30 | | 2762.12 | |
| | | 3.375 | 1.78 | | | 2.58 ⁷ | 97°30' | 159.5 | .1294 | +20.64 | -18.06 | 2744.06 | | |
| 24 | | 1.855 | 1.22 | | | 1.59 | 265°50' | 60.5 | .0725 | +4.39 | +2.80 | | 2746.86 | |
| 23 | | 5.08 | 4.67 | | | 4.88 | 81°- | 41 | .1845 | -6.33 | -11.21 | | 2732.85 | |
| 22 | | 6.815 | 5.39 | | | 6.10 | 82°30' | 142.5 | .1294 | -18.44 | -24.54 | | 2719.52 | |
| 21 | | 6.845 | 4.10 | | | 5.32 ⁰ | 83°20' | 244.5 | .1153 | -28.19 | -33.50 | | 2710.56 | |
| | | 6.62 | 5.08 | | | 5.85 ⁴ | 102°- | 154 | .2034 | -31.32 | -25.48 | 2685.08 | | |
| 20 | | 1.84 | 1.32 | | | 1.58 | 258°- | 52 | .2034 | +10.58 | +9.00 | | 2694.08 | |
| 19 | | 6.18 | 5.56 | | | 5.87 | 78°30' | 62 | .1954 | -12.11 | -17.98 | | 2667.10 | |

PETER E. WALCOTT & ASSOC. LTD.

Elevation Data

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Rodman S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | BIST Azi-muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|---------------|------|----------|------|-------|------|------|---------|---------------|-------|--------|-----------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 184 +00E | | | | | | | | | | | | | 2567.96 |
| | | 5.42 | 3.44 | | 4.42 | | 91°20' | 198 | .0233 | -4.61 | -0.20 | 2567.76 | |
| 1N | | 4.87 | 3.97 | | | 4.42 | 268°40' | 90 | .0233 | +2.10 | -2.32 | | 2565.44 |
| 2 | | 5.17 | 5.06 | | | 5.11 | 90° | 11 | — | — | -5.11 | | 2562.65 |
| 3 | | 7.14 | 5.97 | | | 6.56 | 89°30' | 117 | .0087 | -1.02 | -7.58 | | 2560.18 |
| 4 | | 5.925 | 3.82 | | | 4.88 | 88°20' | 210.5 | .0291 | -6.13 | -11.00 | | 2556.76 |
| | | 3.95 | 2.24 | | 3.10 | | 90°40' | 171 | .0116 | -1.98 | +1.11 | 2557.87 | |
| 5 | | 4.795 | 4.09 | | | 4.44 | 269°20' | 70.5 | .0116 | +0.82 | -3.62 | | 2554.25 |
| 6 | | 5.71 | 5.42 | | | 5.56 | 90° | 29 | — | — | -5.56 | | 2552.31 |
| 7 | | 6.01 | 4.72 | | | 5.37 | 88°30' | 129 | .0262 | -3.38 | -8.75 | | 2549.12 |
| 8 | | 4.305 | 2.02 | | | 3.16 | 88°30' | 228.5 | .0262 | -5.97 | -9.14 | | 2548.73 |
| | | 7.05 | 4.51 | | 5.78 | | 90° | 254 | — | — | +5.78 | 2554.51 | |
| 9 | | 6.34 | 4.84 | | | 5.59 | 270° | 150 | — | — | -5.59 | | 2548.92 |
| 10 | | 5.67 | 5.14 | | | 5.40 | 270° | 53 | — | — | -5.40 | | 2549.11 |
| 11 | | 4.58 | 4.04 | | | 4.31 | 90° | 54 | — | — | -4.31 | | 2550.20 |
| 12 | | 3.05 | 1.55 | | | 2.79 | 90° | 150 | — | — | -2.79 | 2552.22 | |
| | | 6.51 | 4.07 | | 5.29 | | 90° | 244 | — | — | +5.29 | 2557.51 | |
| 13 | | 6.76 | 5.32 | | | 6.04 | 270° | 144 | — | — | -6.04 | | 2551.47 |
| 14 | | 6.32 | 5.84 | | | 6.08 | 270° | 48 | — | — | -6.08 | | 2551.43 |
| 15 | | 3.86 | 3.31 | | | 3.58 | 90° | 55 | — | — | -3.58 | | 2553.93 |
| 16 | | 3.12 | 1.60 | | | 2.37 | 91°40' | 152 | .0291 | +4.42 | +2.06 | 2559.57 | |
| | | 6.54 | 3.78 | | 5.16 | | 81°30' | 276 | .1462 | +40.35 | +45.51 | 2605.08 | |
| 17 | | 6.59 | 4.88 | | | 5.74 | 279° | 171 | .1545 | -26.42 | -32.16 | | 2572.92 |
| 18 | | 6.595 | 5.92 | | | 6.26 | 288°30' | 67.5 | .3009 | -20.31 | -26.57 | | 2578.51 |
| 183 +90 | 19 | 3.38 | 2.92 | | | 3.15 | 90° | 46 | — | — | -3.15 | | 2601.98 |

PETER E. WALCOTT & ASSOC. LTD.

Elevation Data

Date 28/4/74

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Rodman S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | DIST Azi-muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|--------------------|------|----------|------|-------|------------------------|----------------------|---------|---------------|-------|--------|-----------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| Tie Line 200 | | | | | | | | | | | | | 2601.963 |
| | | 5.44 | 3.36 | | ^{.39} 4.41 | | 92°30' | 208 | .0436 | -9.06 | -4.67 | 2597.28 | |
| 182 | | 4.23 | 0.83 | | | 1.03 | 270°- | 40 | — | — | -1.03 | | 2596.23 |
| 180 | | 6.66 | 5.08 | | | ⁶ 5.87 | 81°50' | 158 | .1406 | -22.21 | -28.08 | | 2569.78 |
| | | 3.04 | 2.55 | | ^{.79} 3.80 | | 97°- | 246 | .1210 | -29.77 | -25.97 | 2543.21 | |
| 178 | | 5.39 | 4.99 | | | 5.19 | 270° | 40 | — | — | -5.19 | | 2538.02 |
| 176 | | 6.81 | 5.07 | | | ³ 5.94 | 90° | 174 | — | — | -5.94 | | 2537.27 |
| Inter. 175 + 63 | | 6.29 | 4.8 | | | 5.24 | 90°- | 211 | — | — | -5.24 | | 2537.97 |
| Line 176-55 | | | | | | | | | | | | | |
| | | 4.85 | 3.10 | | | 3.97 | 91°30' | 175 | .0087 | -1.52 | +2.45 | 2540.42 | |
| 20 | | 5.72 | 3.58 | | | 4.63 | 95°42' | 215 | .0116 | +2.49 | -2.14 | | 2538.28 |
| 19 | | 4.55 | 3.43 | | | 3.99 | 90°- | 112 | — | — | -3.99 | | 2536.43 |
| 18 | | 4.81 | 4.66 | | | 4.74 | 90°- | 15 | — | — | -4.74 | | 2535.68 |
| 17 | | 5.84 | 5.02 | | | 5.43 | 270°- | 82 | — | — | -5.43 | | 2534.99 |
| 16 | | 7.13 | 5.79 | | | 6.21 | 270°- | 184 | — | — | -6.22 | | 2534.20 |
| | | 7.41 | 5.53 | | ⁶ 6.47 | | 90°- | 188 | — | — | +6.47 | 2540.67 | |
| 15 | | 6.70 | 5.80 | | | 6.25 | 270°50' | 90 | .0145 | -1.31 | -7.56 | | 2533.11 |
| 14 | | 3.52 | 3.40 | | | 3.46 | 90°- | 12 | — | — | -3.46 | | 2537.21 |
| 13 | | 6.22 | 5.14 | | | 5.68 | 90°- | 108 | — | — | -5.68 | | 2534.99 |
| 0.73 ⁷⁷ | | 4.89 | | | | 0.85 | 90°- | 208 | — | — | -0.85 | | 2539.82 |
| | | 5.71 | 2.89 | | 4.30 | | 90°- | 282 | — | — | +4.30 | 2544.12 | |
| 11 | | | 4.98 | | | 2.91 | 271°30' | 186 | .0262 | -4.87 | -7.78 | | 2536.34 |
| 10 | | 6.31 | 5.46 | | | 5.78 | 271°30' | 85 | .0262 | -2.23 | -8.11 | | 2536.01 |
| 9 | | 5.24 | 5.06 | | | 5.15 | 90°- | 18 | — | — | -5.15 | | 2538.97 |

PETER E. WALCOTT & ASSOC. LTD.
Elevation Data

Date 28/4/74

Surveyor A.C.

Rodman S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | DIST Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|--------------|------|-------------|------|----------|------|--------------------|---------|----------------------|-------|--------|--------------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 176-00E | | | | | | | | | | | | | |
| BN | | 6.67 | 5.55 | | | 6.11 ⁰ | 90° - | 112 | — | — | -6.11 | | 2538.01 |
| | | 2.72 | 0.98 | | | 186 ⁵ | 90° - | 174 | — | — | +1.86 | 2539.87 | |
| 7 | | 4.68 | 3.89 | | | 4.28 | 270° - | 79 | — | — | -4.28 | | 2535.59 |
| 6 | | 2.93 | 2.64 | | | 2.78 | 90° - | 29 | — | — | -2.78 | | 2537.09 |
| 5 | | 7.20 | 5.73 | | | 6.40 ⁴ | 106°20' | 147 | .2699 | +39.68 | +33.23 | | 2573.10 |
| | | 2.375 | 2.08 | | | 2.23 ⁴ | 95° - | 29.5 | .0268 | -2.56 | -0.33 | 2572.77 | |
| 4 | | 5.785 | 5.08 | | | 5.43 ⁶ | 74° - | 70.5 | .2650 | -18.68 | -24.11 | | 2548.66 |
| 3 | | 6.343 | 4.60 | | | 5.47 ⁶ | 81° - | 174.5 | .1545 | -26.96 | -32.43 | | 2540.84 |
| | | 6.91 | 5.78 | | | 6.35 ⁴ | 88° - | 113 | .0349 | +3.94 | +10.29 | 2550.63 | |
| 2 | | 4.84 | 4.68 | | | 4.70 ⁷ | 270° - | 16 | — | — | -4.76 | | 2545.87 |
| 1 | | 7.03 | 6.22 | | | 6.63 ⁷ | 90° - | 81 | — | — | -6.63 | | 2544.00 |
| 0 | | 5.005 | 3.18 | | | 4.05 ⁷ | 93°30' | 182.5 | .0609 | +11.11 | +7.04 | | 2557.67 |
| | | | | | | | | | | | | | -10.29 |
| BASE LINE | | | | | | | | | | | | | |
| | | 6.255 | 4.28 | | | 5.26 ⁵ | 84° - | 197.5 | .1040 | +20.54 | +25.80 | 2583.47 | |
| 178 | | 4.95 | 4.90 | | | 4.93 ⁷ | 90° - | 5' | — | — | -4.93 | | 2578.54 |
| 180 | | 4.50 | 2.48 | | | 3.47 ⁷ | 82°30' | 202 | .1294 | -26.14 | -29.62 | | 2553.85 |
| | | 6.72 | 5.40 | | | 6.06 ⁴ | 88°30' | 132 | .0262 | +3.46 | +9.51 | 2563.36 | |
| 152 | | 3.90 | 3.22 | | | 3.56 ⁷ | 90° - | 68 | — | — | -3.56 | | 2559.80 |
| 154 | | 4.545 | 1.86 | | | 3.21 ¹⁹ | 91°40' | 268.5 | .0291 | +7.82 | +4.62 | | 2567.98 |

PETER E. WALCOTT & ASSOC. LTD.

Elevation Data

Date 28/4/74

Surveyor A.C.

Rodman

S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi-muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|-----------|------|----------|------|-------|-------------------|-------------------|---------|----------|-------|--------|-----------|---------|------------------|
| | | | | | B.S. | F.S. | | | | | | | |
| BASE LINE | | | | | | | | | | | | | 2557.67 |
| | | 4.79 | 2.88 | | 3.83 | | 80° | 191 | — | | +3.83 | | |
| 172 | | 6.08 | 4.00 | | | 5.04 ³ | 90° | 208 | — | | -5.04 | | |
| | | 5.91 | 3.96 | | 4.93 ¹ | | 78°30' | 195 | .0954 | -18.60 | -13.68 | | |
| | | 6.41 | 4.24 | | | 5.52 ⁰ | 88°30' | 177 | .0262 | -4.64 | -10.15 | | |
| | | 6.75 | 5.61 | | 6.29 ⁸ | | 89°20' | 131 | .0116 | +1.52 | +7.80 | | |
| | | 5.09 | 3.12 | | | 4.11 ⁶ | 90° | 197 | — | | -4.11 | | |
| | | 6.23 | 4.20 | | 5.22 ¹ | | 84°40' | 203 | .0925 | +18.78 | +23.99 | | |
| | | 3.30 | 1.32 | | | 2.32 | 95°30' | 196 | .0954 | +18.89 | +16.58 | | |
| | | 7.04 | 5.38 | | 6.21 ¹ | | 79°50' | 166 | .1737 | +28.83 | +35.05 | | |
| | | 4.41 | 2.04 | | | 3.22 | 104°30' | 239 | .2424 | +57.93 | +54.73 | | |
| | | 4.13 | 2.43 | | 4.13 ⁷ | | 70°30' | 170 | .1954 | +27.36 | +31.44 | | |
| | | 4.13 | 2.43 | | | 2.22 ⁷ | 96° | 170 | .1040 | +17.68 | +14.41 | | |
| | | 6.555 | 5.28 | | 5.90 ⁰ | | 86°30' | 127.5 | .0609 | +7.76 | +13.67 | | |
| INTER 15E | | 7.32 | 6.68 | | | 7.00 | 90° | 64 | — | | -7.00 | | 2719.19 161.81 |
| | | 4.42 | 2.46 | | 3.44 ³ | | 93° | 196 | .0523 | -10.25 | -6.82 | 2712.87 | |
| 130 | | 5.21 | 5.16 | | | 5.19 | 90° | 5 | — | | -5.19 | | 2707.18 |
| 148 | | 6.575 | 4.50 | | | 5.54 ¹ | 88°40' | 207.5 | .0233 | -4.83 | -10.36 | | 2702.01 |
| | | 6.35 | 4.22 | | 5.29 ⁷ | | 87° | 213 | .0523 | +11.14 | +16.42 | 2718.43 | |
| 146 | | 5.68 | 5.56 | | | 5.62 | 77° | 12 | — | | -5.62 | | 2712.81 |
| INTER 144 | | 5.875 | 4.04 | | | 4.96 ⁵ | 96° | 183.5 | .1040 | +19.08 | +14.13 | | 2732.56 |
| | | 6.585 | 4.30 | | 5.44 ² | | 80°40' | 228.5 | .1600 | +36.56 | +41.99 | 2774.32 | 2732.33 TIE 0.28 |
| 142 | | 7.27 | 7.02 | | | 7.15 | 274° | 25 | .0696 | -1.74 | -8.89 | | 2765.43 |
| 140 | | 5.745 | 3.96 | | | 4.85 ⁴ | 101° | 178.5 | .1873 | +38.43 | +28.59 | | 2802.91 |
| | | 5.705 | 3.34 | | 4.52 ⁰ | | 77°40' | 236.5 | .2087 | +49.36 | +53.87 | 2856.78 | |

PETER E. WALCOTT & ASSOC. LTD.

Elevation Data

Date 29/4/74

Surveyor AC

Rodman S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|-----------|------|--------------------|-------------------|----------|------|-------------------|---------|--------------|-------|--------|--------------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| Base Line | | | | | | | | | | | | 2856.78 | |
| 135 | | 7.265 | 6.77 | | | 7.12 | 278°10' | 29.5 | .1406 | -4.15 | -11.27 | | 2845.51 |
| 136 | | 3.655 ³ | 1.86 ⁴ | | | 2.75 ³ | 103°10' | 179.5 | .2218 | +39.81 | +37.07 | | 2893.85 |
| | | 6.90 | 5.28 | | | 6.10 ⁹ | 83°40' | 162 | .1096 | +17.76 | +23.85 | 2917.70 | |
| 14 | | 7.31 | 6.70 | | | 7.20 | 272° | 61 | .0349 | -2.13 | -9.13 | | 2900.57 |
| 2 | | 8.29 | 2.91 | | | 3.10 | 90° | 38 | — | | -3.10 | | 2914.60 |
| 3 | | 3.72 | 2.30 | | | 3.01 | 90°50' | 142 | .0145 | +2.06 | -0.75 | | 2916.75 |
| 4 | | 5.65 | 3.28 | | | 4.47 ⁶ | 71°20' | 237 | .0233 | +5.52 | +1.06 | | 2918.76 |
| | | 6.11 | 4.14 | | | 5.13 ² | 89°30' | 197 | .0087 | +1.71 | +6.84 | 2925.60 | |
| 5 | | 5.06 | 4.10 | | | 4.58 | 270° | 96 | | | -4.58 | | 2921.02 |
| 6 | | 4.88 | 4.82 | | | 4.85 | 90°2' | 6 | | | -4.85 | | 2920.75 |
| 7 | | 1.735 | 0.69 | | | 1.21 | 97°30' | 104.5 | .1294 | +13.52 | +12.31 | | 2937.91 |
| 8 | | 5.895 | 3.84 | | | 4.87 ⁵ | 99°20' | 205.5 | .1600 | +32.88 | +28.02 | | 2953.62 |
| | | 6.82 | 5.66 | | | 6.24 ³ | 77°50' | 116 | .2060 | +23.90 | +30.13 | 2983.75 | |
| 9 | | 7.20 | 7.07 | | | 7.14 | 270° | 13 | | | -7.14 | | 2976.61 |
| 10 | | 4.075 | 3.20 | | | 3.61 ³ | 95° | 87.5 | .0868 | +7.60 | +3.96 | | 2987.71 |
| | | 4.90 | 4.30 | | | 4.61 ^v | 90° | 60 | — | | +4.61 | 2992.32 | |
| 11 | | 7.23 | 6.82 | | | 7.02 | 90° | 41 | | | -7.02 | | 2985.30 |
| 12 | | 6.515 | 5.06 | | | 5.79 ⁸ | 85°20' | 145.5 | .0811 | -11.80 | -17.59 | | 2974.73 |
| | | 3.06 | 2.82 | | | 2.94 ^v | 90° | 24 | — | | +2.94 | 2977.67 | |
| 13 | | 7.30 | 6.56 | | | 6.92 | 87°30' | 74 | .0436 | -3.23 | -10.15 | | 2967.52 |
| 14 | | 3.69 | 1.93 | | | 2.81 | 87°30' | 176 | .0436 | -7.67 | -10.48 | | 2967.19 |
| 15 | | 5.95 | 3.02 | | | 4.38 ⁷ | 88°20' | 273 | .0291 | -7.94 | -12.32 | | 2965.35 |

PETER E. WALCOTT & ASSOC. LTD.

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Rodman S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|---------------|------|-------------------|-------------------|----------|-------------------|--------------------|---------|--------------|-------|--------|--------------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 136 100E | | | | | | | | | | | | | |
| | | 6.145 | 4.30 | | 5.33 ¹ | | 83°40' | 164.5 | .1096 | +18.03 | +23.35 | 2988.70 | |
| 16 | | 4.515 | 3.86 | | | 4.19 | 276°20' | 65.5 | .1096 | -7.18 | -11.37 | | 2977.33 |
| 17 | | 1.20 | 0.88 | | | 1.04 ³ | 90° | 32 | — | | -1.04 | | 2987.66 |
| | | 4.725 | 3.10 | | 3.91 ⁰ | | 83°20' | 162.5 | .1153 | +18.74 | +22.64 | 3010.30 | |
| 18 | | 6.96 | 6.355 | | | 6.66 | 275°30' | 60.5 | .0954 | -5.77 | -12.43 | | 2997.87 |
| 19 | | 1.335 | 0.90 | | | 1.12 | 91° | 43.5 | .0174 | +0.76 | -0.36 | | 3009.94 |
| 20 | | 4.35 | 2.90 | | | 3.62 ¹ | 95°20' | 145 | .0925 | +13.41 | +9.80 | | 3020.10 |
| | | | | | | | | | | | | | 126.25 |
| Tie Line 200E | | | | | | | | | | | | | |
| | | 4.405 | 2.30 | | 3.35 ⁰ | | 100°20' | 210.5 | .1765 | -37.15 | -33.81 | 2986.29 | 3020.10 |
| 138 | | 2.64 | 2.58 | | | 2.61 | 270° | 6 | | | -2.61 | | 2983.68 |
| 140 | | 5.44 ³ | 3.84 ⁴ | | | 4.40 ³⁹ | 79° | 190 | .1873 | -35.59 | -39.98 | | 2946.31 |
| | | 5.545 | 3.70 | | 4.62 ⁰ | | 101°50' | 184.5 | .2007 | -37.03 | -32.41 | 2913.90 | |
| 142 | | 7.31 | 7.13 | | | 7.22 | 85° | 18 | .0868 | -1.56 | -8.78 | | 2905.12 |
| 144 | | 11.38 | 9.47 | | | 10.43 ² | 78° | 191 | .2039 | -38.85 | -49.27 | | 2864.63 |
| LINE 144 100E | | | | | | | | | | | | | |
| | | 6.29 | 3.96 | | 5.12 ⁰ | | 88°20' | 233 | .0291 | +6.78 | +11.89 | 2876.52 | |
| 19 | | 4.835 | 3.20 | | | 4.03 | 273°20' | 163.5 | .0580 | -9.48 | -13.51 | | 2863.01 |
| 18 | | 4.955 | 4.42 | | | 4.69 | 277° | 53.5 | .1210 | -6.47 | -11.16 | | 2865.36 |
| 17 | | 1.66 | 1.12 | | | 1.39 | 92° | 54 | .0349 | +1.88 | +0.49 | | 2877.01 |
| | | 4.45 | 3.20 | | | 3.82 ⁰ | 97°10' | 125 | .1238 | +15.48 | +11.67 | | 2888.19 |

PETER E. WALCOTT & ASSOC. LTD.

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Date 29/4/74

Surveyor

A.C.

Rodman

S.S.

Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|---------------|------|-------------|------|----------|-----------------------|----------------------|---------|--------------|-------|--------|--------------|---------|------------------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 144 +00E | | | | | | | | | | | | | |
| | | 5.33 | 3.87 | | ⁵⁸ 4.60 | | 97°40' | 146 | .1322 | -19.30 | -14.71 | 2873.48 | |
| 16 | | 2.815 | 1.69 | | | 2.25 | 262°20' | 112.5 | .1322 | +14.87 | +12.62 | | 2886.10 |
| 15 | | 2.01 | 1.85 | | | 1.93 | 270°- | 16 | - | | -1.93 | | 2871.55 |
| 14 | | 5.61 | 4.80 | | | 5.20 | 82°- | 81 | .1378 | -11.16 | -16.36 | | 2857.12 |
| 13 | | 7.07 | 5.20 | | | ³ 6.14 | 82°- | 187 | .1378 | -25.77 | -31.90 | | 2841.58 |
| | | 5.60 | 3.72 | | ⁵ 4.66 | | 101°30' | 188 | .1954 | -36.74 | -32.08 | 2809.50 | |
| 12 | | 2.37 | 1.52 | | | 1.94 | 265°40' | 85 | .0753 | +6.40 | +4.46 | | 2813.96 |
| 11 | | 4.68 | 4.49 | | | 4.58 | 90°- | 19 | - | | -4.58 | | 2804.92 |
| 10 | | 5.935 | 4.71 | | | 5.32 | 83°30' | 122.5 | .1125 | -13.78 | -19.10 | | 2790.40 |
| | | 5.835 | 3.92 | | ⁵ 4.87 | | 101°- | 191.5 | .1873 | -35.97 | -31.01 | 2759.39 | |
| 9 | | 2.45 | 1.52 | | | 1.98 | 96°- | 93 | .1040 | +9.67 | +7.69 | | 2767.08 |
| 8 | | 5.75 | 5.67 | | | 5.71 | 90°- | 8 | - | | -5.71 | | 2753.68 |
| | | 4.66 | 2.60 | | ¹ 3.63 | | 93°40' | 206 | .0638 | -13.14 | -9.52 | 2744.16 | |
| 7 | | 6.00 | 4.96 | | | 5.48 | 266°20' | 104 | .0638 | +6.64 | +1.16 | | 2745.32 |
| 6 | | 4.43 | 4.37 | | | 4.40 | 270°- | 6 | - | | -4.40 | | 2739.76 |
| 5 | | 5.16 | 4.20 | | | 4.68 | 90°- | 96 | - | | -4.68 | | 2739.48 |
| 4 | | 6.97 | 3.97 | | | 4.97 ⁶ | 90°- | 200 | - | | -4.97 | | 2739.19 |
| | | 6.18 | 4.90 | | ³ 5.54 | | 91°30' | 128 | .0262 | -3.35 | +2.18 | 2741.37 | |
| 3 | | 4.23 | 3.93 | | | 4.08 | 268°30' | 30 | .0262 | +0.79 | -3.29 | | 2738.08 |
| 2 | | 7.025 | 6.33 | | | 6.68 | 88°40' | 69.5 | .0233 | -1.62 | -8.30 | | 2733.07 |
| 1 | | 6.06 | 4.32 | | | 5.17 ⁸ | 88°40' | 174 | .0233 | -4.05 | -9.24 | | 2732.13 |
| 0 | | 7.04 | 4.30 | | | 5.68 ⁷⁰ | 270°40' | 274 | .0116 | +3.18 | -8.87 | | 2732.50 |
| | | | | | | | | | | | | | TIE 0.17 0.06 |

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Elevation Data

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|-------------|------|-------------|------|----------|-----------------------|------|---------|--------------|-------|--------|--------------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| Line 15200E | | | | | | | | | | | | | 2719.19 |
| | | 5.165 | 2.82 | | ⁶ 3.98 | | 99°20' | 234.5 | .1600 | -37.52 | -33.55 | 2685.64 | |
| 1 | N | 5.73 | 4.44 | | | 5.09 | 260°40' | 129 | .1600 | +20.64 | +15.55 | | 2701.19 |
| 2 | | 1.63 | 1.41 | | | 1.53 | 269°- | 22 | .0174 | +0.38 | -1.15 | | 2684.49 |
| 3 | | 6.66 | 5.90 | | | 6.27 | 85°- | 76 | .0868 | -6.60 | -12.87 | | 2672.77 |
| 4 | | 5.2.5 | 3.44 | | | 4.33 | 85°- | 177.5 | .0868 | -15.41 | -19.73 | | 2665.91 |
| | | 4.765 | 2.46 | | ⁵⁸ 3.60 | | 98°- | 279.5 | .0523 | -12.00 | -8.41 | 2657.50 | |
| 5 | | 6.54 | 5.24 | | | 5.89 | 267°- | 130 | .0523 | +6.80 | +0.91 | | 2658.41 |
| 6 | | 3.66 | 3.36 | | | 3.51 | 267°- | 30 | .0523 | +1.57 | -1.94 | | 2655.56 |
| 7 | | 6.64 | 5.50 | | | 6.27 | 90°- | 74 | - | - | -6.27 | | 2651.23 |
| 8 | | 2.78 | 1.06 | | | 1.92 | 90°- | 172 | - | - | -1.91 | | 2655.59 |
| | | 5.925 | 3.72 | | ⁷¹ 4.81 | | 88°30' | 220.5 | .0262 | +5.78 | +10.58 | 2666.17 | |
| 9 | | 4.77 | 3.58 | | | 4.15 | 271°30' | 119 | .0262 | -3.12 | -7.30 | | 2658.87 |
| 10 | | 6.13 | 5.93 | | | 6.03 | 271°30' | 20 | .0262 | -0.52 | -6.55 | | 2659.62 |
| 11 | | 5.855 | 5.04 | | | 5.45 | 90°- | 81.5 | - | - | -5.45 | | 2660.72 |
| 12 | | 6.72 | 4.88 | | | 5.81 | 87°40' | 184 | .0907 | -7.49 | -13.29 | | 2652.58 |
| | | 6.81 | 4.64 | | | 5.73 | 87°- | 217 | .0523 | +11.35 | +17.07 | 2669.95 | |
| 13 | | 6.945 | 5.91 | | | 6.43 | 274°20' | 103.5 | .0782 | -8.09 | -14.52 | | 2655.43 |
| 14 | | 7.30 | 7.18 | | | 7.24 | 271°- | 12 | .0174 | -0.21 | -7.45 | | 2662.50 |
| 15 | | 5.95 | 5.02 | | | 5.48 | 98°- | 93 | .1378 | +12.82 | +7.34 | | 2677.29 |
| 16 | | 6.87(3) | 4.90 | | | 5.87 | 98°40' | 197 | .1490 | +29.35 | +23.49 | | 2693.44 |
| | | 7.315 | 5.72 | | ⁰ 6.51 | | 87°30' | 159.5 | .0436 | +6.95 | +13.46 | 2706.90 | |
| 17 | | 4.55 | 3.96 | | | 4.26 | 272°30' | 59 | .0436 | -2.57 | -6.83 | | 2700.07 |
| 18 | | 5.55 | 5.14 | | | 5.34 | 90°- | 41 | - | - | -5.34 | | 2701.56 |
| 19 | | 3.535 | 2.15 | | | 2.84 | 90°50' | 138.5 | .0195 | +2.01 | -0.83 | | 2706.07 |

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi- muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|--------------|------|-------------------|------|----------|------|--------------------|---------|--------------|-------|--------|--------------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 132+00E | | | | | | | | | | | | | |
| 151-63 | | 4.39 | 2.44 | | | 3.41 ⁰ | 91°30' | 175 | .0320 | +6.24 | +2.84 | | 2709.74 |
| TIE | | | | | | | | | | | | | |
| | | 6.77 | 3.66 | | | 6.77 ⁹ | 82°- | 111 | .1378 | +15.30 | +21.49 | 2731.23 | |
| 150 | | 1.81 | 2.34 | | | 1.58 | 23°30' | 47 | .0609 | +2.86 | +1.28 | | 2732.51 |
| - | | 5.36 | 3.66 | | | 4.51 ⁰ | 104°20' | 170 | .2399 | +40.78 | +36.28 | | 2767.51 |
| | | 6.90 | 6.44 | | | 6.67 [✓] | 80°30' | 46 | .1628 | +7.49 | +14.16 | 2781.67 | |
| 148 | | 2.23 | 1.73 | | | 2.07 | 90°- | 35 | - | - | -2.07 | | 2779.60 |
| 146 | | 4.62 | 2.20 | | | 3.41 ⁹ | 99°40' | 242 | .1655 | +40.05 | +36.65 | | 2818.32 |
| | | 4.52 ⁵ | 3.68 | | | 4.61 ⁵¹ | 79°30' | 184 | .1792 | +32.97 | +37.57 | 2855.89 | |
| INTRO 144 | | 3.705 | 3.10 | | | 3.40 [✓] | 101°50' | 60.5 | .2007 | +12.14 | +8.74 | | 2864.63 |
| LINE 144+00E | | | | | | | | | | | | | |
| | | 7.45 | 5.46 | | | 6.25 ⁴ | 85°20' | 158.5 | .0811 | +12.85 | +19.10 | 2883.73 | |
| 20 | | 5.51 | 4.30 | | | 4.90 | 274°40' | 121 | .0811 | -9.81 | -14.71 | | 2869.02 |
| 21 | | 6.81 | 6.58 | | | 6.70 | 270°- | 23 | - | - | -6.70 | | 2877.03 |
| 22 | | 2.255 | 1.51 | | | 1.98 | 95°- | 74.5 | .0868 | +6.47 | +4.59 | | 2888.32 |
| 23 | | 6.205 | 4.42 | | | 5.31 ⁰ | 97°10' | 178.5 | .1238 | +22.10 | +16.79 | | 2900.52 |
| | | 5.625 | 4.01 | | | 4.82 [✓] | 85°- | 161.5 | .0868 | +14.02 | +18.84 | 2919.36 | |
| 24 | | 5.75 | 5.11 | | | 5.43 | 275°- | 64 | .0868 | -5.56 | -10.99 | | 2908.37 |
| 25 | | 4.59 | 3.26 | | | 4.42 | 90°- | 33 | - | - | -4.42 | | 2914.94 |
| 26 | | 3.475 | 2.12 | | | 2.79 ⁸ | 95°20' | 135.5 | .0925 | +12.53 | +9.75 | | 2929.11 |

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Elevation Data

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Instrument

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| Station | T.P. | 1/2 Stad | Stad | HA IR | ROD | | Angle | Azi-muth | R.F. | DIFF. | ELEV DIFF | H.I. | ELEVATION |
|-------------|------|----------|------|-------|-------------------|-------------------|--------|----------|-------|--------|-----------|---------|-----------|
| | | | | | B.S. | F.S. | | | | | | | |
| LINE 14400E | | | | | | | | | | | | | |
| | | 7.23 | 5.34 | | 6.29 ⁷ | | 86°20' | 189 | .0638 | +12.06 | +18.34 | 2947.45 | |
| 27 | | 6.64 | 5.74 | | | 6.20 | 272°- | 90 | .0349 | -3.14 | -9.34 | | 2938.11 |
| 28 | | 3.08 | 2.96 | | | 3.02 | 90°- | 12 | - | | -3.02 | | 2944.43 |
| No. 29 | | | | | | | | | | | | | |
| 30 | | 3.775 | 1.81 | | | 2.89 ⁸ | 90°- | 216.5 | .0696 | +15.07 | +12.18 | | 2959.63 |
| | | 6.175 | 4.34 | | 5.27 ⁶ | | 84°30' | 185.5 | .0954 | +17.70 | +22.96 | 2982.59 | |
| 31 | | 6.70 | 5.55 | | | 6.29 | 278°- | 82 | .0523 | -4.29 | -10.58 | | 2972.01 |
| 32 | | 3.58 | 3.42 | | | 3.50 | 70°- | 16 | - | | -3.50 | | 2979.09 |
| 33 | | 3.47 | 2.26 | | | 2.57 | 94°- | 121 | .0696 | +8.42 | +5.55 | | 2988.14 |
| 34 | | 4.20 | 1.74 | | | 3.07 ⁶ | 95°30' | 226 | .0954 | +21.56 | +18.50 | | 3001.09 |
| | | 7.195 | 6.24 | | 6.75 ⁵ | | 81°30' | 83.5 | .1462 | +12.21 | +18.99 | 3020.08 | |
| 35 | | 2.81 | 2.64 | | | 2.75 | 70° | 12 | - | | -2.75 | | 3017.33 |
| 36 | | 4.305 | 3.32 | | | 3.22 ¹ | 97°30' | 98.5 | .1294 | +12.75 | +8.93 | | 3029.01 |
| | | 4.305 | 3.32 | | 3.82 | | 77°30' | 98.5 | .1294 | -12.75 | -8.93 | | |
| 34 | | 7.95 | 6.36 | | | 6.78 | 81°36' | 83.5 | .1462 | -12.21 | -18.99 | | |
| | | 2.21 | 1.60 | | 2.73 ¹ | | 95°30' | 226 | .0954 | -21.56 | -18.84 | | |
| 30 | | 6.395 | 4.51 | | | 5.47 ⁵ | 84°40' | 185.5 | .0925 | -17.16 | -22.62 | | |
| | | 5.04 | 3.46 | | 4.54 | | 94°30' | 218 | .0782 | -17.05 | -12.52 | | |
| 36 | | 9.135 | 7.26 | | | 8.19 ⁴ | 87°- | 187.5 | .0523 | -9.81 | -18.00 | | |
| | | 4.03 | 2.05 | | 3.06 ⁴ | | 95°30' | 195 | .0954 | -18.60 | -15.55 | | |
| 33 | | 6.44 | 5.42 | | | 5.93 | 86°- | 102 | .0696 | -7.10 | -13.03 | | |
| | | 5.24 | 3.91 | | 4.57 ⁶ | | 96°30' | 133 | .1125 | -14.96 | -10.41 | | |
| 1040 | | 5.285 | 3.24 | | | 4.27 | 84°- | 204.5 | .1040 | -21.27 | -25.54 | | 0.05 |