O.S. 355

# TRAVERSE COMPUTATION — MACHINE METHOD

*Name of Traverse* ..... *Computer* ..... *Date* .....

*Total Length* ..... *Error* .....

**BEARINGS**

1

2

3

4

Distances & Heights

| Station | ~~Bearing~~ Va | Corr. | Corrected Bearing | Distance ft | dist Cos. V.A. M | Sine | Cosine | E. Height | N. Hor dist. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | − | | | 2.19 |
| X4-X4A | −12° 15' | | | 7.34 | 2.24 | 21218 | 97723 | 782.6 | ~~7.17~~ |
| | | | | | | + | | | |
| 4-4B | +34° | | | 19.73 | 6.01 | 55919 | 82904 | 795.2 | 4.98 |
| | | | | | | + | | | |
| 4B-4C | +17° | | | 24.66 | 7.52 | 29237 | 95630 | 802.4 | 7.19 |
| 4C-4d | — | | | 14.80 | 4.51 | | | 802.4 | 4.51 |
| | | | | | | | | E | N |
| | | | | Coordinates | | | ④ | 631.1 | 189.7 |
| 4 | | -1030 | | | | − | + | | |
| 4A | 350° | | 339°30 | 2.19 | | 35021 | 93667 | 630.3 | 191.8 |
| 4 | | | | | | − | + | | |
| 4B | 338° | | 327°30 | 4.98 | | 53730 | 84339 | 628.4 | 193.9 |
| | | | | | | − | + | | |
| 4C | 348° | | 337°30 | 7.19 | | 38268 | 92388 | 625.7 | 200.5 |
| | | | | | | − | + | | |
| 4d | 338° | | 327°30 | 4.51 | | 53730 | 84339 | 623.2 | 204.3 |