(35316) Wt.46135/242 120,000 3/48 A.& E.W.Ltd Gp.685

O.S 355.

TRAVERSE COMPUTATION — MACHINE METHOD

Name of Traverse W *Computer* *Date*

Total Length *Error*

BEARINGS

1

2

3

4

9875'

Station	Bearing Va	Corr.	Corrected Bearing	Distance ft	Cos. Va. M.	Sine Va	Cosine Va.	E.	N.
N_{31}						−			
W_1	−4 00			18.93 ~~19.47~~	5.77	06976	99756		5.76
						+			
W_1 W_2	+38 30			72 15.~~42~~	4.79	62251	78261		3.75
						+			
W_2 W_3	+26 00			50 13.~~67~~	4.11	43837	89879		3.69
						+			
3 4	+39 00			18 ~~5.23~~	1.58	62932	77715		1.23
						+			
4 5	+31 00			66 13.~~83~~	4.16	51504	85717		3.57
						+			
5 6	+38 12			12.92 ~~13.04~~	3.94	61841	78586		3.10
						+			
6 7	+33 30			09 6.~~49~~	1.86	~~55194~~ ~~54464~~	389 83867		5. 1.56
7 8	0			24 20.~~50~~	6.17	0	1.0		6.17
						+			
8 9	+10 18			6.91 ~~7.00~~	2.11	17880	98389		2.08
						+			
9 10	+18 30			9.95 ~~10.08~~	3.03	31730	94832		2.87
						+			
10 11	+22 18			22.88 ~~23.17~~	6.97	37946	92521		6.45
						+			
11 12	+41 00			22.88 ~~23.17~~	6.97	65606	75471		5.26
						−			
12 13	−5 00			3. 21.72 ~~22.00~~	6.62	08716	99619		6.59
						+			
13 14	+46 30			3. 5.92 ~~6.00~~	1.80	72537	68835		5. 1.24
14 15	0			5.92 ~~6.00~~	1.80	0	1.0		1.80

(35816) Wt.46435/242 120,000 3/48 A.& E.W.Ltd Gp.685

O.S 355.

TRAVERSE COMPUTATION — MACHINE METHOD

Name of Traverse W *Computer* *Date*

Total Length *Error*

BEARINGS

1

2

3

4

Station	Bearing	Corr.	Corrected Bearing	Distance	Cos. V.A.	Sine	Cosine	E.	N.
M 31		+ 10 30				—	—	554.26	195.13
W1	277 30		267 00		5.76	99863 +	05234 +	548.51	194.83
W2	28 30		18 00		3.75	30902 —	95106 +	549.69	198.40
W3	02 30		352 00		3.69	13917 —	99027 +	549.15	202.05
W4	300 30		290 00		1.23	93969 —	34202 +	548.00	202.47
W5	07 00		356 30		3.57	06100 —	99814 +	547.79	206.03
W6	351 00		340 30		3.10	33381 +	94264 —	546.74	208.96
W7	114 00		103 30		1.56	97237 —	23345 +	548.25	208.59
W8	00 00		349 30		6.17	18224 +	98325 —	547.13	214.66
W9	141 00		130 30		2.08	76041 +	64945 +	548.72	213.31
W10	56 00		45 30		2.87	71325 —	70091 +	550.76	215.32
W11	346 00		335 30		6.45	41469 +	90996 +	548.08	221.19
W12	30 00		19 30		5.26	33381 +	94264 —	549.84	226.15
W13	172 00		161 30		6.59	31730	94832	551.53	219.90

Station	Bearing	Corr.	Corrected Bearing	Distance	Cos. V.A.	Sine	Cosine	E.	N.
12						−	+		
W14	333 00		322 30	1.24		60876	79335	549.10	227.13
						−	+		
W15	04 00		353 30	1.80		11320	99357	548.90	228.92

SOLUTION OF UP-STATIONS, EXTRA BEARINGS, ETC.

364
10
354