(85316) Wt.40485/242 120,000 3/48 A.& E.W.Ltd Gp.685

Q

O.S 355.

TRAVERSE COMPUTATION — MACHINE METHOD

Name of Traverse Q *Computer* *Date*

Total Length *Error*

BEARINGS

1

Co-ords.

2

3

4

Station	Bearing	Corr.	Corrected Bearing	Distance	Cos. V.A.	Sine	Cosine	E. 561·1	N. 125·1
N17		-1022				−	+		
N17B	292 30		282 08	7.44		97766 −	21019 +	553·8	126.7
N17C	284 00		273 38	12.49.		99799 −	06337 +	541 4	127.5
Q 1	336 00		325 38	2.03		56449 −	82544 +	540·2	129·1
Q2	283 00		272 38	9.85		99894 −	04594 +	530·4	129·6
Q3	02 30		351 08	7.49		15414 −	98805 +	529·2	137.0
Q4	338 30		328 08	6.38		84928 −	52794 +	525·9	142·4
Q5	292 30		282 08	5.43		97766 −	21019 +	520·5	143·4
Q6	330 30		320 08	5·09		64100 −	76754 +	517·3	147·5
Q7	04 00		353 38	2.49		11089 −	99383 +	517.0	149·9
Q8	352 00		341 38	3.38		31510 +	94906 +	515·9	153·1
Q9	27 00		16 38	1·26		28625 −	95816 +	516·3	154·3
Q10	347 00		336 38	2·37		39661 −	91799 +	515·4	156·5
Q11	285 00		274 38	2·24		99673 −	08078 +	513·1	156·7
Q12	316 00		305 38	3·24		81276	58260	510·5	158·6

P Q R.

O.S. 337

TRAVERSE ABSTRACT

Town G.B.C.P.

Traverse Q - Rumbra Alley.

Date ..... Angle Book ..... Sketch, Distances, etc., on Reverse Side

Station	To		1st Round Bear.	1st Round Back	2nd	3rd	4th Vert.	5th	6th	Mean Dist.			R.P. Dist. Lt.	R.P. Dist. Rt.	R.P. Check Fl.	R.P. Check Rf.
N17c	Q1.	1.85	336°	156°		+	23·5°			7'	4"	12	3	1	5	
Q1	2	10.0	282	104		+	7			32'	10"	1.	0	0	6	
2	3	7.62	1	184		+	15			25'	8'	2	3	2	3	3
3	4	6.4	338	159		+	20			22'	6"	3	3	2	2	15
4	5	5.5.	293	112.		+	3			18'		4	3	2	1	15
5	6	5.2	330	151		+	7			17'		5	2	2	2	4
6	7	2.44	4	—		+	8			8'	4"	6	1	2	2	2
7	8	3.36	352	—		+	9			11'	4"	7	½	¾	2½	3
8	9	1.24	27	—			0			4'	2"	8	2	3	2	6
9	10	2.32	347	—		+	18			8'	3"	9	2	3	2.	6
10	11	2.26	285	—		+	28			8'	5"	10	1½	¾	2¾	6
11	12	3.26	316	—		+	24			11'	9"	11	2	1	3	3
										4		12	3	2	0	3
	Rtraverse - Bedding Chamber.															
N17a	R1	3.97	162°	—		+	34			16'		17a	3	3	6	20
R1	2	3.72	125.	—		+	38			15'	7"	1	½	4	0	8
2	3	4.4	64°	—		+	30			16'	8"	2	3	2	3	3
3	3a	4.15	71°	—		+	25			15'		3		3	0	3
3	3b	1.95	354°	—		+	50			10'						
	Ptraverse - Bertie's Pot.															
P1	P2.		284	103		−	15			9'	7"	1	2	2	1	1
2	3		184	360		−	21			11'	3"	2	3	2	1½	1
3	4		180	358		−	14·5.			9'	1"	3	2	1	½	1
4	5.		276	96		−	14.			7'	9"	4	1	2	½	2
5	6		216	38		−	25			51'	10"	5	5	3	½	2
6	7		208	—			0			5'	2"	6	2½	0	4	1
7	8					−	90°			17'	6"					
8	9		172°				0			10'		8	8	6	2	20
9	10		180°				0			8'						

(*35202) Wt.44019/239 25,000 3/48 A.& E.W.Ltd. Gp.685
(*36224) Wt.20773/261 130,000 8/48 " "

Tape Shrunk 5½" in 1st 50'

Observer ..... Abstracted by .....

(35316) Wt.46435/242 120,000 3/48 A.& E.W.Ltd Gp.685

O.S 355.

TRAVERSE COMPUTATION – MACHINE METHOD

P TRAVERSE.

Name of Traverse ~~RAVINDA ALLEY~~ BERTIE'S POT. *Computer* ..... *Date* .....

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

BEARINGS

1

2

3

4

Station	Bearing	Corr.	Corrected Bearing	Distance	Cos. V.A.	Sine	Cosine	E.	N.
N 9.								589·7.	081·0.
P 1.	252 30.		252 08	3·34.		−88704	−46742.		
						95372	30071.	586·45	079·77
P 2.	283 30.		283 08	2·80.		−	+		
						99851.	05466	583·65	079·57
P 3.	182		171 38	3·17.		+	−		
						14551	99936	584·11	076·46.
P 4.	177		168 38	2·66		+	−		
						19709.	98039	584·17	073·85.
P 5.	276.		265 38	2·27		−	−		
						99710.	07617.	582·31	073·67
P 6.	217.		206 38	14·17		−	−		
						74828.	89389.	576·01	060·99.
P 7	208.		197 38	1·56		−	−		
						30292	95301.	575·54	059·50
P 8				0.				575·54	059·50
P 9.	172.		161 38	3·02		+	−		
						31510.	94906.	576·49	056·64
P 10.	180.		169 38	2·72		+	−		
						17995.	98368.	576·93	054·26.

637.01 181.41

640.50 180.10

646.08 179.37

34

74 68