A

O.S. 355

TRAVERSE COMPUTATION — MACHINE METHOD

Name of Traverse TRAVERSE A. Computer [illegible] Date 6/5/49.

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

BEARINGS

1

2

3

4

Station	Bearing	Corr.	Corrected Bearing	Distance	Cos. V.A.	Sine	Cosine	E.	N.
~~588.72~~ 1000.00 ~~232.64~~									
$E_1 - O$									
A1	198 00	10'30"	187 30	5.200		-.30902	-.95106	588.72	232.64
A2	167 00		156 30	2.98		+.39875	-.91706	589.91	229.91
A3	182 30		172 00	2.87		+.13917	-.99027	590.31	227.07
A4	148 00		137 30	2.94		+.67559	-.73728	592.29	224.90
A5	147 00		136 30	9.89		+.68835	-.72537	599.10	217.72
A6	174 00		163 30	4.50		+.28402	-.95882	600.38	213.41
A7	148 00		137 30	13.54		+.67559	-.73728	609.53	203.43
A8	183 00		172 30	3.01		+.13053	-.99144	609.92	200.44
A9 ~~174 00~~									
A10 ~~34 30~~									

(36232) Wt.20773/261 80,000 8/48 A.& E.W.Ltd. Gp.685

Station	Bearing	Corr.	Corrected Bearing	Distance	Cos. V.A.	Sine	Cosine	E.	N.

V.As.

A & B

O.S. 355

TRAVERSE COMPUTATION — MACHINE METHOD

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

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

BEARINGS

1

2

3

4

Station	~~Bearing~~ Va	Corr.	Corrected Bearing	Distance	Cos. V.A.	Sine Va	Cosine Va	E.	N.
O - A1	-59		-3.4	3.96		− 8572	5150		2.04
A1-A2	-27		-4.9	3.35		− 4540	8910		2.98
A2-A3	-20		-6.0	3.05		− 3420	9397		2.87
A3-A4	-53		-9.9	4.88		− 7986	6018		2.94
A4-A5	-22		-13.9	10.67		− 3746	9272		9.89
A5-A6	-39		-17.5	5.79		− 6293	7771		~~14.39~~ 4.50
A6-A7	-25		-23.8	14.94		− 4226	9063		13.54
A7-A8	+26		-22.3	3.35		+ 4384	8988		3.01
A8-A9	-16½		24.5	7.62		− 2840	9588		7.31
A9-A10	-13		25.6	4.88		− 2250	9744		4.76
A10-A11	+20		21.4	12.19		+ 3420	9397		11.45
A11-A12	+28		20.4	2.13		+ 4695	8829.		1.88

(30232) Wt.20773/261 80,000 8/48 A.& E.W.Ltd. Gp.685

Station	~~Bearing~~ Va.	Corr.	Corrected Bearing	Distance	Cos. V.A.	Sine Va	Cosine Va.	E.	N.
						+			
A10-B1	~~15~~ +20			14.00	4.27	3420	9397	975.9	
						−			
B1-B2	~~10~~ −55′			12	3.66	8192	5736	972.9	
						−			
B3	−23			10	3.20	3907	9205′	971.6	
						−			
B4	−18			7.01		3090	9511	969.4	
						−			
B5′	−6			3.35′		1045′	9945′	969.1	
						−			
B6	−15′			6.40		2588	9659	967.4	
						−			
B7	−47			10.06		7314	6820	960.1	
						−			
B8	−13			10.67		2250	9744	957.7	
						−			
B9	−29			11.28		4848	8746	952.2	
						−			
B10	−10			4.27		1736	9848	951.5′	
						−			
B11	−16″2			4.72		2840	9588	950.1	
						−			
B12	−49			3.96		7547	6561	947.1	
						−			
B12-B13	−19			9.91		3256	9455′	943.9	

A

O.S. 355

TRAVERSE COMPUTATION — MACHINE METHOD

Name of Traverse Traverse A *Computer* *Date*

Total Length 39.73 *Error*

BEARINGS

1

2

3

E1 - OA1 198° ~~3.12~~ 5.2

4

− 30902 − 95106

Station	Bearing	Corr.	Corrected Bearing	Distance	Cos. V.A.	Sine	Cosine	E.	N.
						−	−		
~~O - A1~~	~~197~~	~~-10'~~	~~186 30~~	~~2.04~~		~~41320~~	~~99357~~	588.72	232.64
						+	−	2	3
A2	167		166 30	2.98		39875 ~~23345~~	91706 ~~92239~~	89 589.91	94 229.91
						+	−	3	7
A3	182 30		172 00	2.87		13917 ~~04362~~	99027 ~~99905~~	28 590.31	14 227.07
						+	−	5'	10
A4	148		137 30	2.94		67559	73728	24 592.29	5.00 224.90
						+	−	10	22
A5	147		136 30	9.89		68835	72537	00 599.10	94 217.72
						+	−	13	27
A6	174		163 30	4.50		28402	95882	25 600.38	68 213.41
						+	−	20	43
A7	148		137 30	13.54		67559	73728	33 609.53	86 203.43
						+	−	32	46
A8	183		172 30	3.01		13053	99144	70 ~~70~~ 609.92 -.22	200 90 ~~200 44~~ +.46
						+	−		
A9	174		163 30	7.31		28402	95882		
						+	+		
A10	34 30		24 00	4.76		40674	91355		
						+	+		
A11	17 30		07 00	11.45		12187	99255		
						+	+		
A12	15		04 30	1.88		07846	99692		

(36232) Wt.20773/261 80,000 8/48 A.& E.W.Ltd. Gp.685

Station	Bearing	Corr.	Corrected Bearing	Distance	Cos. V.A.	Sine	Cosine	E.	N.

O.S. 337

A & B

TRAVERSE ABSTRACT

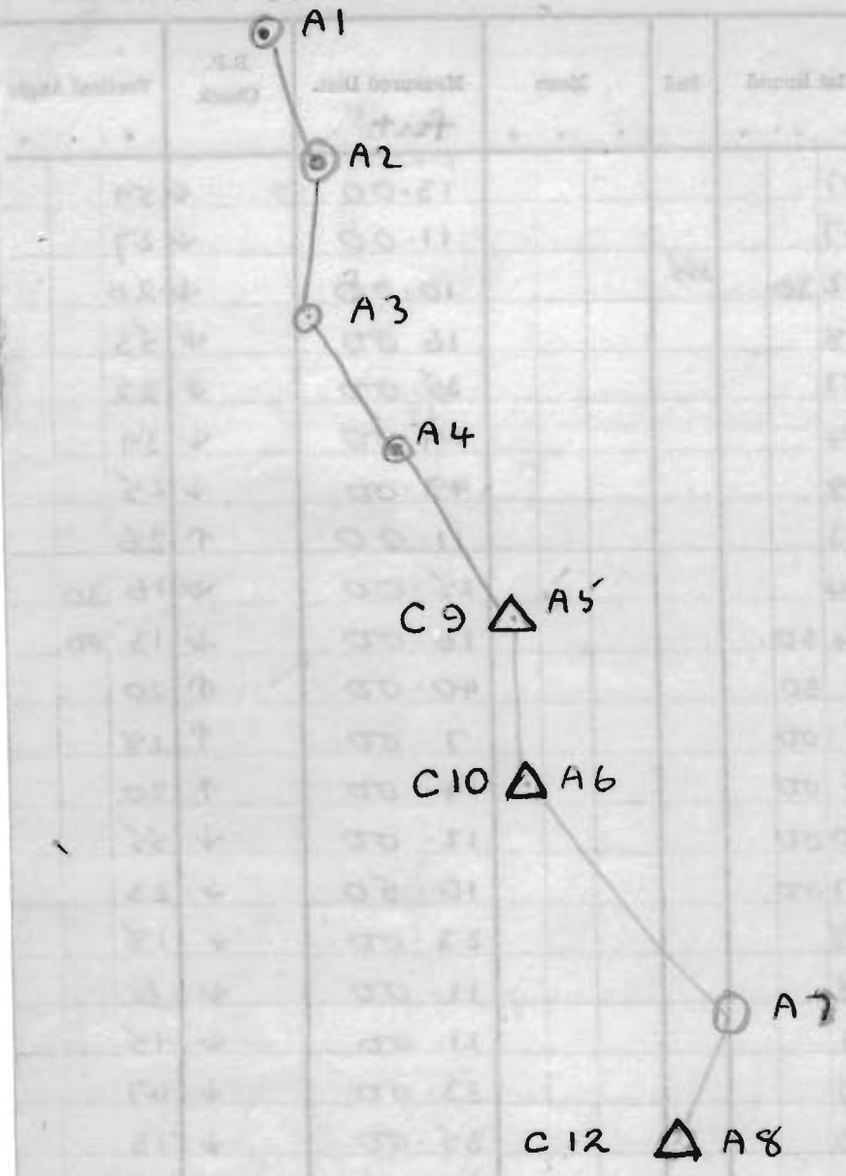
Traverse..... Traverses A & B .....

Date..... Angle Book..... Sketch & Details of C. of S. Pegs on Reverse Side

Station		To		1st Round ° ′ ″	2nd	Mean ° ′ ″	Measured Dist. feet.	R.P. Check	Vertical Angle ° ′ ″
		A 1		197			13.00	↓	59
A 1		A 2		167			11.00	↓	27
A 2		A 3		182 30	355		10.00	↓	20
A 3		A 4		148			16 00	↓	53
A 4	▲	A 5	C 9	147			35.00	↓	22
A 5	▲	A 6	C 10	174			19.00	↓	39
A 6		A 7		148			49.00	↓	25
A 7	▲	A 8	B C 12	183			11.00	↑	26
A 8		A 9		174			25.00	↓	16 30
A 9		A 10		34 30			16.00	↓	13 00
A 10		Stn A 11	Shot to mid pass	17 30			40.00	↑	20
A 11		A 12		15 00			7.00	↑	28
A 10		B ①		15 00			14.00	↑	20
B 1	▲	B 2	D 46	100 00			12.00	↓	55
B 2	▲	B 3	D 45	97 00			10.50	↓	23
B 3		B 4		178			23.00	↓	18
B 4		B 5		118			11.00	↓	6
B 5		B 6		147			21.00	↓	15
B 6		B 7		127			33.00	↓	47
B 7		B 8		173			35.00	↓	13
B 8		B 9		167			37.00	↓	29
B 9	▲	B 10	D 39	186			14.00	↓	10
B 10	▲	B 11	D 38	277			15.50	↓	16 30
B 11		B 12	D 37	247			13.00	↓	49
B 12		B 13	[illegible]	163			32.50	↓	19

O.S.O. 45,500 10-46

Observer..... Abstracted by..... Length of Tapes .....


A1
A2
A3
A4
C9
A5
C10
A6
A7
C12
A8