

STADIA SURVEY NOTES

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AREA _____ STATE or PROVINCE _____ PAGE No. 1
 LINE No.(s) 55 PARTY No. 175 DATE _____ Day _____ Mo. _____ Yr. BOOK No. _____
 SURVEYOR _____ RODMAN _____ WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Δ B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1											71.4		TS6		
2	W	1320	89	58	43			3.65	+3.2'	74.6		Δ	TS5		
3	E	1320	90	09	29			3.4	-7.0'		57.6	-	TS4		
4	E	2640	90	09	48			3.95	-11.5'		63.1	0	TS3		
5	W	2640	89	54	25			3.95	-0.3'	62.8		Δ	TS1		
6	W	1320	89	56	05			3.95	-2.4'		60.4	-	TS2		
7	E	1320	89	56	35			5.4	-4.1'		58.7	-	SP1		
8	E	2640	89	55	10			5.7	-2.0'		60.8	0	2		
9	W	2640	89	48	19			5.7	-3.3'	57.5		Δ	4		
10	W	1320	89	49	57			5.95	-2.1'		55.4	-	3		
11	E	1320	89	26	31			3.9	+9.0'		66.5	0	5		
12	W	2640	89	52	23			3.9	-1.9'	64.6		Δ	7		
13	W	1320	90	04	02			3.9	-5.4'		59.2	-	6		
14	E	1320	89	57	18			3.85	-2.8'		51.8	-	8		
15	E	2145	89	48	57			4.85	+2.0'		66.6	0	8A	(8+825)	
16															
17															
18															
19															
20															

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STADIA SURVEY NOTES

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AREA _____ STATE or PROVINCE _____ PAGE No. 3
 LINE No.(s) 55 PARTY No. 195 DATE _____ Day _____ Mo. _____ Yr. BOOK No. _____
 SURVEYOR _____ RODMAN _____ WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1	W	2640	89	57	17			4.65	-2.1	+2.6	53.9	51.3	Δ	20	
2	W	1320	89	58	23			3.95		-3.3		50.6	-	21	TC 22
3	E	1320	89	52	55			5.90		-3.2		50.7	-	23	
4	E	2640	✓					10.7		-10.7		43.2	○	24	
5	W	1320	89	54	58			5.85	-1.9	+3.9	47.1		Δ	24	TC 25
6	E	1320	89	55	19			5.85		-4.1		43.0	-	26	
7	E	2324	89	39	49			3.5	+13.9	+10.4		57.5	○	26A	
8	W	2916	89	44	39			3.45	-13.0	-9.6	47.9		Δ	26A	
9	W	1320	89	53	06			5.85		-3.2		44.7	-	27	TC 28
10	E	1320	90	01	51			6.3		-7.0		46.9	-	29	
11	E	2640	89	59	22			5.85	+0.5	-5.9		42.5	○	30	
12															
13															
14															
15															
16															
17															
18															
19															
20															

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STADIA SURVEY NOTES

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AREA _____ STATE or PROVINCE _____ PAGE No. 2
 LINE No.(s) 55 PARTY No. 195 DATE _____ Day _____ Mo. _____ Yr. BOOK No. _____
 SURVEYOR _____ RODMAN _____ WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD				
1																	
2	W	3135	89	45	39				+4.85	-8.2	-8.2	58.4	66.6	Δ	8A	(8+825)	
3	W	2640	89	53	39				-4.4	+0.5	+0.5		58.9	-	9		
4	W	1320	89	59	38				-3.95	-3.8	-3.8		54.6	-	10		
5	E	1320	90	00	53				-3.95	-4.3	-4.3		59.1	-	12		
6	E	2435	89	45	33				-4.7	+5.7	+5.7		64.1	⊙	12A		
7	W	2805	89	46	34				+4.7	-6.3	-6.3	59.8		Δ	15		
8	W	2640	89	51	29				-3.9	+2.6	+2.6		62.9	-	13		
9	W	1320	89	47	57				-3.75	+0.9	+0.9		60.7	-	14		
10	E	1320	89	57	53				-4.3	-3.5	-3.5		56.3	-	16		
11	E	2640	89	57	27				-3.95	-2.0	-2.0		55.8	⊙	17		
12	W	1815	90	17	47				+3.95	+13.3	+13.3	(29)		Δ	18A	(18+495)	
13	W	495	91	18	18				-4.25	-15.5	-15.5		53.6	-	18		
14	E	825	✓						-14.3	-14.3	-14.3		59.8	-	19		
15	E	2145	90	21	06				-4.65	-17.8	-17.8		57.3	⊙	20	T.P. INTERSECTION 4/54	
16																	
17																	
18																	
19																	
20																	

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Lines 34 & 55
(over for Intersection)

STADIA SURVEY NOTES

AREA NPL 4 STATE or PROVINCE Alaska PAGE No. 4
 LINE No.(s) 55 PARTY No. 175 DATE Day 3 Mo. 75 Yr. BOOK No. _____
 SURVEYOR m moress RODMAN _____ WEATHER: -15, windy visibility ≈ 3/4 mile P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Δ B.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2																
3	SW	2640		89°49'48"					+5.9	-7.8	-1.9	40.6	42.5	Δ	30	
4	W	1320	✓						5.95		-5.0		35.6	Δ	32	
5	W	1320		89°44'03"					5.95		+0.2		40.8	-	31	
6	E	1320		89°54'48"					5.95	+2.0	-4.0		36.6	○	33	
7	E	2640		89°51'00"												
8	W	3135		90°14'12"					5.95	+12.9	+18.9	55.5		Δ	35A	35+495'
9	W	1815		90°27'06"					5.95		-20.3		35.2	-	34	
10	W	495		91°19'11"					5.95		-17.3		38.2	-	35	
11	E	825		91°03'19"					5.95		-21.1		34.4	-	36	
12	E	2145		90°21'44"					5.95	-13.6	-19.5		36.0	○	37	
13	W	2640		89°54'52"					5.95	-3.9	+2.0	38.0		Δ	1	
14	D		✓								-5.0		33.0		39	
15	W	1320		89°53'20"					5.95		-3.4		34.6	-	38	
16	E	1320		89°55'51"					5.95		-4.4		33.6	-	40	
17	E	2640		89°57'28"					5.95	+1.9	-2.0		36.0	○	41	
18														Δ		
19																
20																

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STADIA SURVEY NOTES

AREA WPR 4 STATE or PROVINCE Alaska PAGE No. 5
 LINE No.(s) 55 PARTY No. 195 DATE 3 Mo. 75 Yr. BOOK No. _____
 SURVEYOR M. Moxness RODMAN _____ WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1															
2															
3	W	2640	89°	54'26"					3.95	-4.3	-0.3	35.7	36.0	A	41
4		0	✓						5.0		-5.0		30.7		43
5	W	1320	89°	56'58"					3.95		-2.8		32.9	-	42
6	E	1320	89°	54'51"					4.0	+2.0	-2.0		33.7	0	44
7	W	2640	89°	50'38"					5.95	-7.2	-1.2		32.5	A	
8		0	✓						5.0		-5.0		28.5		46
9	W	1320	89°	56'36"					3.95		-2.6		29.9	-	45
10	E	575 575	88°	44'26"					5.45	+12.2	+6.2	+6.1	38.7	0	46A 46+495'555'
11	W	2250	89°	46'06"					5.95	-9.1	-3.1	35.6		A	48A 48+165'
12	W	1485	89°	58'28"					3.95		-3.3		32.3	-	47
13	W	165	91°	23'59"					3.95		-8.0		27.6	-	48
14	E	1155	90°	20'45"					3.95		-10.9		24.7	-	49
15	E	2475	90°	07'21"					3.95	-5.3	-9.2		26.4	0	50
16	W	2805 2475	90°	11'12"					3.95	+9.1	+13.1	39.5		A	52A 52+165'
17	W	1485	90°	17'39"					3.95		-11.6		27.9	-	51
18	W	165	91°	04'57"					3.95	-3.1	-7.1		32.4	-	52 <i>see page 1 on line 52</i>
19	E	1155	90°	37'49"					3.95		-16.7		22.8	-	53
20	E	2475	90°	16'18"					3.95	-11.7	-15.7		23.8	0	54

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STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 6
 LINE No.(s) 55 PARTY No. 195 DATE _____ Day 3 Mo. 25 Yr. BOOK No. _____
 SURVEYOR M. Moxness RODMAN _____ WEATHER: clear P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD - READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read.	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2																
3																
4	W	2640	89° 56' 51"						3.95	-2.4	+1.54	25.3		Δ	56	
5		0	✓						-5.0		-5.0	20.3			56	
6	W	1320	89° 58' 04"						-4.0		-3.3	22.0		-	55	
7	E	1320	90° 03' 42"						-4.0		-5.4	19.9		-	57	
8	E	2640	89° 58' 47"						-7.0	+0.91	-3.14	22.2		0	58	
9	U	2640	90° 00' 28"						+4.0	+0.31	+4.41	26.6		Δ		
10		0	✓						-5.0		-5.0	21.6			60	T.P.
11	W	1320	90° 01' 42"						-4.0		-4.7	21.9		-	59	
12	E	1320	89° 55' 31"						-4.0		-2.3	23.3		-	61	
13	E	2640	89° 54' 19"						-4.0	+4.41	+0.41	27.0		0	62	
14	W	2640	90° 01' 07"						+4.0	+0.91	+4.91	31.9		Δ	64	
15		0	✓						-5.0		-5.0	26.9			64	
16	W	1320	90° 06' 54"						-4.0		-6.6	25.3		-	63	
17	E	1320	90° 04' 15"						-4.0		-5.6	26.3		-	65	
18	E	2640	89° 44' 26"						5.95	+12.01	+6.04	37.9		0	66	
19																
20																

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STADIA SURVEY NOTES

AREA MPR 4 STATE or PROVINCE Alaska PAGE No. 7
 LINE No.(s) 55 PARTY No. 195 DATE _____ Day 3 Mo. 25 Yr. BOOK No. _____
 SURVEYOR M. MORGAN RODMAN _____ WEATHER: clear P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD		
1															
2												37.9			
3	W	1320	89	29'08"					+5.95	-11.9'	-5.9'	32.0	Δ	67	
4		0	✓						-5.0		-5.0	27.0		67	
5	E	1320	90	15'10"					3.95		-9.8'	22.2	-	68	
6	E	2640	89	51'40"					3.95	+6.4'	+2.4'	34.4	0	69	
7	W	2640	89	49'05"					+3.95	-8.4'	-4.4'	30.0	Δ	71	
8		0	✓						-5.0		-5.0	25.0	-	71	
9	W	1320	90	01'41"					3.95		-4.6'	25.4	-	70	
10	E	1320	89	58'03"					3.95		-3.2'	26.8	-	72	
11	E	2640	89	55'12"					3.95	+3.7'	-0.3'	29.7	0	73	
12	W	1815	90	07'59"					+3.95	+4.2'	+8.2'	37.9	Δ	74A	74 + 495'
13	W	495	90	38'00"					3.95		-9.4'	28.5	-	74	
14	E	825	90	20'43"					3.95		-8.9'	29.0	-	75	
15	E	2145	90	11'26"					3.95	-7.1'	-11.1'	26.8	0	76	from page 9 ↑
16															
17															
18															
19															
20															

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STADIA SURVEY NOTES

AREA NPL 4 STATE or PROVINCE Alaska PAGE No. 8
 LINE No.(s) 55 PARTY No. 195 DATE Day 3 Mo. 75 Yr. BOOK No. _____
 SURVEYOR M. Myrnes RODMAN _____ WEATHER: clear P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1															
2															
3												25.3		T ₅	
4	E	2640	89	56 10					3.95	+1.0	26.3		Δ		
5		0	✓						-5.0	-5.0		21.3		T ₅₃	
6	E	1320	89	53 20					-4.0	-1.4		24.9		T ₅₄	
7	W	1320	90	11 53					-4.0	-8.6		17.7		T ₆₂	
8	W	2640	89	53 59					-4.0	+0.6		27.9		T ₅₁	
9	W	3960	89	50 04					4.3	+7.1		33.4	□	SP89	P. 00 for (E.O.L.)
10	E	1815	89	58 16					+4.3	+3.4	36.8		Δ	87 + 825	
11	E	485	90	18 50					3.95	-6.7		30.1		88	
12	W	825	90	22 09					-4.0	-9.3		27.5		86 87	
13	W	2195	90	10 07					-4.5	-10.3		26.5	0	85	
14	E	2640	89	59 45					+4.0	+3.8	30.3		Δ		
15	-	0	✓						-5.0	-5.0		25.3		84	
16	E	1320	90	03 16					-4.0	-5.3		25.0		85	
17	W	1320	89	50 50					-4.0	-0.5		29.8		83	
18	W	2640	89	53 28					-4.0	+1.0		31.3	0	82	Page 23 Line 51
19															
20															

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STADIA SURVEY NOTES

AREA NPL 4 STATE or PROVINCE Alaska PAGE No. 9
 LINE No.(s) 55 PARTY No. 195 DATE Day 3 Mo. 75 Yr. BOOK No. _____
 SURVEYOR M. Moxness RODMAN _____ WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2																
3												31.3				
4	E	1320	89	52 57					+3.95	-2.8	+1.2	32.5	A			
5	0		✓						-5.0		-5.0	27.5		81	T.P.	
6	W	1320	89	59 37					-4.0		-3.9	28.6	-	80		
7	W	2640	89	58 09					-4.0	+1.4	-2.6	29.9	0	79		
8	E	2640	89	57 22					+4.0	-2.0	+2.0	31.9	A	77		
9	0		✓						-5.0		-5.0	26.9		77		
10	E	1320	89	57 15					-4.0		-2.9	29.0	-	78		
11	W	1320	90	02 59					-4.0	-1.1	-5.1	26.8	0	76		
12																
13																
14																
15																
16																
17																
18																
19																
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