

STADIA SURVEY NOTES

AREA N.P.P. #4 STATE or PROVINCE ALASKA PAGE No. 135
 LINE No.(s) 37 PARTY No. 1195 DATE 13 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. Dussard Loeb RODMAN B. Benedict WEATHER: Cold Cloudy 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			TAKEOFF						7.8.111	3702			429.4			
2									50	411						
3																
4	S	990		88°34'45"						120	+12.5		417°	Δ		
5		✓		271°31'30"						140	-12.4			✓		
6		0								50			412.0		410-4	
7	N	770		92°10'						134			374.2		40	
8		1320		91°50'						132			361.5		409-6	
9		2530		90°20'						133	-28.2		388.4	○	409	388.5
10		✓		269°34'57"						100	-28.4			✓		
11																
12		1870		91°05'32"						130	+48.7		437.4	Δ		
13		✓		268°48'04"						100	+49.0			✓		
14		1320		72°00'						120			379.5		408-6	
15	S	110								67			430.9		408	
16		0								50			432.4		407-8	
17	N	1100		?						67	-6.7		430.7	○	467-3	430.5
18		✓		270°09'14"						100	-6.9			✓		
19																
20																

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STADIA SURVEY NOTES

AREA N.P. P#4 STATE or PROVINCE ALASKA PAGE No. 136
 LINE No.(s) 37 PARTY No. 1195 DATE 13 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. DESJARDIN RODMAN B. Benedict WEATHER: Cl. 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		2310		88°50'23"				50	-41.7			389.3			
3		✓		271°16'67"				100	-41.3						
4		1760		89°00'				09				412.1		407	
5	S	550						18				387.5		406-3	
6		0						50				384.3		406	
7	N	1760		80°10'				18				443.8		405	
8		3520		81°51'14"				110	+120.5			509.4	⊙	404	509.0
9		✓		272°10'55"				140	+120.1						
10															
11	S	770		88°10'31"				125	-12.0			497.5			
12		✓		271°55'21"				140	-11.9						
13		0						50				492.5		403-5	
14	S	990		93°50'				125				418.8		403	
15		2420		91°50'				94				410.4		402-3	
16		2750		91°43'05"				130	-95.6			401.4	⊙	402	401.1
17		✓		268°12'26"				100	-95.9						
18															
19		2310		91°33'19"				130	+75.8			477.4			
20		✓		268°21'38"				100	+76.0						

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STADIA SURVEY NOTES

AREA N.P.B #4 STATE or PROVINCE ALASKA PAGE No. 137
 LINE No.(s) 37 PARTY No. 1195 DATE 13 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. D'ARLOIS RODMAN A. Benedict WEATHER: Gold 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.			
1											477.4				
2	S	550		90°40'							456.9		401		
3		0									472.4		400-6		
4	N	1110		89°45'28"					-53		472.1	⊙	T.B.M 3701		
5		0		270°22'54"					-55		471.5	↓		471.5	
6											Tie	0.6	LOW		
7				TAKEDOFF			From	T.B.M 3701		Elev	471.5				
8															
9		880		87°29'02"							437.8	⊙			
10	S	770		87°20'							430.2		400		
11		0									432.8		4	T.S	
12	N	880		92°00'							392.4		8	T.S	
13		1760		91°50'							369.4		12	T.S	
14		2640		91°20'							364.4		16	T.S	
15		3520		91°05'							359.5		20	T.S	
16		4400		90°50'							363.4	⊙	24	T.S	
17															
18															
19															
20															

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STADIA SURVEY NOTES

AREA N.R.R. #2 STATE or PROVINCE ALASKA PAGE No. 138
 LINE No.(s) 37 PARTY No. 1125 DATE 14 Day Wed Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. DESTARLIS RODMAN B. Benedict WEATHER: Cloudy Snow 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.		
1			TAKEOFF			From	T.B.M.	3702		Elev	429.4			
2														
3		2310		88°33'19"				5°	-53'		376.7			
4		✓		271°22'42"				10°	-52.7					
5		1320		89°40'				24			405.0		411-5	
6	N	550				T	1.5				378.0		412	
7		0						5°			371.7		412-3	
8	S	1210		91°10'				12.7			339.4		413	
9		2970				T	2.0		+12.7		388.8	⊙	414	389.0
10		✓		275°19'06"				5°	+12.0			✓		
11														
12	N	1760		90°20'				13.7	+24.0		413.2			
13		✓		269°31'07"				10°	+24.4					
14		0						5°			408.2		416	
15	S	330		88°20'				4.0			417.8		415-2	
16		470		88°23.8				5°	+12.8		425.8	⊙	415-9	426.1
17		✓		271°48'25"				10°	+12.4			✓		
18														
19		990		89°16'19"				10°	-2.4		423.5			
20		✓		273°51'17"				13°	-2.3			✓		

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STADIA SURVEY NOTES

AREA N.P.R. #4 STATE or PROVINCE ALASKA PAGE No. 139
 LINE No.(s) 37 PARTY No. 1195 DATE 14 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. DESTARLAYS RODMAN B. Benedict WEATHER: Snow Mild 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												423.5			
2		0											418.5	416	
3	S	770		90°30'									402.9	416-7	
4		1210		90°40'						-27.4			395.9	416-6	396.3
5		✓		269°09'12						-27.7				✓	
6															
7		1760		88°12'45						-47.3		349.1		△	
8		✓		271°49'57						-46.7				✓	
9		1210		88°40'									373.2	417	
10	N	940		90°30'									331.4	417-4	
11		0											344.1	417-6	
12	S	550		91°00'									325.0	418	
13		1480		89°19'27						+11.9			360.6	0	361.2
14		✓		270°50'28						+11.5				✓	
15															
16		3070		92°20'						+98.2		452.4		△	
17		✓		267°31'49						+98.7				✓	
18	N	1210		92°20'									397.9	419	
19		0											454.4	419-6	
20	S	550		89°00'									465.0	420	

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STADIA SURVEY NOTES

AREA N.R.R. #4 STATE or PROVINCE Alaska PAGE No. 140
 LINE No.(s) 37 PARTY No. 1185 DATE 14 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR E. Desmarais RODMAN B. Benedict WEATHER: Snow Mild 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	Correction	Center Hair			INST.	ROD			
1																
2		2310		87°46'27"				50	+84.4			543.3	0	421	544.1	
3		✓		272°19'09"				100	+84.0				✓			
4																
5	ix	550		90°50'				145	+22.5		566.0		Δ			
6		✓		218°40'16"				100	+22.4				✓			
7		0							50			561.0		421-3		
8	s	375					T	34	-1.5			564.3	⊙	F.B.M. 3703		
9		✓		270°29'52"				50	-1.4			565.1	✓		565.1	
10											710	0.8	Low			
11																
12																
13																
14																
15																
16																
17																
18																
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STADIA SURVEY NOTES

AREA N.P.P #4 STATE or PROVINCE ALABAMA PAGE No. 141
 LINE No.(s) 37 PARTY No. 1195 DATE 15 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. DESJARDIN'S RODMAN R. Benedict WEATHER: Cold Fog 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															
4		1380		88° 02' 46"					6°	-39.2		526'		Δ	
5		✓		87° 01' 51"					10°	-39°				✓	
6	N	550		88° 10'					2°			541.0			422
7		0							5°			521.1			422-3
8		1210		92° 10'					13.3	-59'		466.8		○	423
9		✓		87° 39' 45"					10°	-59.2				✓	
10															
11		2530		89° 06' 32"					5°	-34.2		432.9		Δ	
12		✓		87° 59' 28"					10°	-33.9				✓	
13	N	470		92° 26'					13.5			388.1			424
14		0							5°			427.9			424-4
15	S	990		87° 50'					4.3			466.0			425
16		1320		87° 55' 23"					13°	+34.7		467.5		○	425-2
17		✓		87° 08' 53"					15°	+34.6				✓	
18															
19		3190		87° 57' 04"					6°	-107.8		300°		Δ	
20		✓		87° 06' 31"					10°	+107.5				✓	

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STADIA SURVEY NOTES

AREA N.P. #4 STATE or PROVINCE ALASKA PAGE No. 142
 LINE No.(s) 37 PARTY No. 1195 DATE 15 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. DESTARLAIS RODMAN B. Benedict WEATHER: CGK Fog Wind 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												300°				
2		1760		88°10'				59					410.3		426	
3	N	970		89°20'				1.9					367.1		426-5	
4		0						50					355.0		427	
5	S	1760		87°20'				37					428.1		428	
6		2970		87°18'25"				50	+134.7				494.3	0	428-4	492.9
7		V		222°46'59"				100	+134.3					V		
8																
9	N	550		98°48'				143	+20.7			515.1		Δ		
10		V		268°57'56"				100	+20.8					V		
11		0						50					510.1		429	
12		1210		90°50'				143	-31.9				403.0	0	429-6	481.4
13		V		268°56'49"				100	-32.1					V		
14																
15		3300		88°52'12"				50	-55.1			428.5		Δ		
16		V		271°07'01"				100	-54.6					Δ		
17		2750		88°10'				5.8					510.5		430	
18	N	990		91°00'				149					396.3		431	
19		0						50					423.5		431-5	
20	S	770	✓					31					425.4		438	

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STADIA SURVEY NOTES

AREA N.P.R. #4 STATE or PROVINCE ALASKA PAGE No. 143
 LINE No.(s) 37 PARTY No. 1195 DATE 15 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. DESJARDIS RODMAN B. Benedict WEATHER: Cold Fog 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		1320						89		-8.4			418.9	0	432-3	417.8
3		V		240° 03' 22"				100		-8.4				V		
4																
5		2070		91° 00'				132		+65.2		485.5		Δ		
6		V		268° 55' 27"				100		+65.4				V		
7	N	1760		92° 20'				142					399.5		433	
8		0						50					400.5		434	
9	S	1760		87° 10'				28					569.6		435	
10		3190		87° 08' 10"				100		+149.2			634.2	⊙	435.7	631.4
11		V		272° 54' 12"				130		+148.8				V		
12																
13		1320		92° 00'				140		+60.1		696.4		Δ		
14		V		267° 37' 43"				100		+62.4				V		
15	N	990		92° 00'				124					649.7		436	
16		0						50					691.4		436-5	
17	S	720		88° 40'				20					712.4		437	
18		2530		81° 59' 28"				50		+127.7			823.9	⊙	438	820.7
19		V		273° 06' 19"				100		+127.3				V		
20																

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STADIA SURVEY NOTES

AREA 11.02 #4 STATE or PROVINCE ALBERTA PAGE No. 144
 LINE No. (s) 37 PARTY No. 1195 DATE 15 Day Nov Mo. 1927 Yr. BOOK No. _____
 SURVEYOR R. DESJARDIS RODMAN B. Benedict WEATHER: Coll Fog 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	N	330		92°20'				145	+27.9			851.8		Δ		
3		✓		216°52'02"				100	+28.0					✓		
4		0						50				846.8			438-2	
5	S	410		88°00'				32	+11.1			862.9		⊙	T.B.M. 3704	
6		✓		232°14'01"				50	+11.1			859.0		✓		859.6
7												Tie 3.3		High.		
8												859.6				
9																
10		1630		88°23'58'				80	-20.7			839.0		Δ		
11		✓		271°41'26"				100	-20.4					✓		
12				0								834.0			439	
13		1430		91°30'				141	-51.6			787.2		⊙	439-7	787.5
14		✓		268°19'00"				100	-57.8					✓		
15																
16		2090		88°30'45"				50	-49.2			738.4		Δ		
17		✓		271°36'21"				100	-48.9					✓		
18		1760		88°40'				37				775.4			440	
19	N	980										740.2			440-4	
20		0						50				733.4			441	

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STADIA SURVEY NOTES

AREA N.P.R #4 STATE or PROVINCE ALASKA PAGE No. 145
 LINE No.(s) 37 PARTY No. 1195 DATE 15 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R.D. ZEPHALAIS RODMAN B. Benedict WEATHER: Cold Fog 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		990		92°30'				129				682.3		441-5	
3		1430		91°20'				122	-455			693.4	⊙	441-7	694.2
4		✓		268°38'04				100	-448				✓		
5															
6		1320		87°43'23'				50	-474		6463		Δ		
7		✓		272°28'46'				100	-47.2				✓		
8	N	990		88°20'				50				670.1		442	
9		0						50				641.3		442-5	
10	S	770		93°00'				12.4				593.4		443	
11		1320		92°30'				129	-765			575.6	⊙	443-3	576.5
12		✓		267°21'38				100	-707				✓		
13															
14	N	880		88°14'25				50	-220		5538		Δ		
15		✓		272°03'55'				100	-21.9				✓		
16		0						50				548.8		443-7	
17	S	330		92°00'				138				528.5		444	
18		1100						9.3				544.5		444-4	
19		2090		89°00'				6.3				583.9		445	
20															

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STADIA SURVEY NOTES

AREA N.P.R. #4 STATE or PROVINCE ALASKA PAGE No. 146
 LINE No.(s) 37 PARTY No. 1125 DATE 18 Day Apr Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. Desjardins RODMAN B. Benedict WEATHER: Wind Cold Fog 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	Correction	Center Hair			INST.	ROD			
1																
2		2200		89° 06' 23"			60		+28.2				581.0	⊙	445-1	582.8
3		✓		270° 53' 44"			100		+27.8					✓		
4																
5	N	1100		91° 15' 28"			140		+38.2		619.9			⊙		
6		✓		218° 20' 59"			100		+38.3					✓		
7		0					20						614.9		445-6	
8	S	770					74						612.5		446	
9		1540					108		-10.8				609.1	⊙	446-4	610.6
10		✓		270° 07' 14"			140		-10.8					✓		
11																
12		2750		90° 30'			148		+39.0		648.0			⊙		
13		✓		269° 22' 48"			100		+39.4					✓		
14		1760		93° 10'			107						540.4		447	
15	N	990		94° 46'			147						553.3		447-4	
16		0					60						643.4		448	
17	S	990		86° 00' 12"			130		+56.0				704.5	⊙	448-8	706.4
18		✓		274° 06' 11"			150		+55.9					✓		
19																
20																

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AREA N.P.R. #4 STATE or PROVINCE Alaska PAGE No. 147
 LINE No.(s) 37 PARTY No. 1195 DATE 18 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. Dossarimo RODMAN B. Benedict WEATHER: Very Cold Wind Fog 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	N 770			86° 47' 14"				5°		-38'		667.9		△		
3	V			273° 25' 54"				10°						∇		
4	330			87° 40'				4°					676.8		448-7	
5	0												662.4		449	
6	S 1540			92° 20'				13.4					591.2		449-7	
7	1760			91° 40'				11.7					604.7		450	
8	3410			88° 43' 34"				11.0	+64"				732.0	⊙	450 B	734.3
9	V			277° 20' 29"				15.0	+64"					∇		
10																
11	3080			90° 20'				14.8	+41.9			773.9		△		
12	V			269° 24' 30"				10.0	+41.9					∇		
13	2970			70° 40'				11.3					727.7		451	
14	N 1210			93° 30'				14.9					685.1		452	
15	0												768.9		452-6	
16	S 550			90° 40'				14.6	-21.0				753.5	⊙	453	756.2
17	V			268° 53' 10"				10.0	-20.9					∇		
18																
19	4070			90° 55' 31"				15.0	+81.2			834.9		△		
20	V			269° 06' 16"				10.0	+81.1					∇		

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STADIA SURVEY NOTES

AREA N.P. 24 STATE or PROVINCE ALBERTA PAGE No. 148
 LINE No.(s) 37 PARTY No. 1195 DATE 18 Day Mar Mo. 1897 Yr. BOOK No. _____
 SURVEYOR E. Desjarlais RODMAN B. Benedict WEATHER: Very Cold Windy Fog 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		2310		93°20'									688.7		454	
3	N	550		93°30'									787.5		455	
4		0											829.6		455-3	
5	S	670		89°29'35"						122.3			856.7	0		
6				222°45'30"						122.3			856.7	v		860.1
7													Tie 3.2 Low			
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA N.P.R. #4 STATE or PROVINCE Alaska PAGE No. 149
 LINE No.(s) 37 PARTY No. 1195 DATE 12 Day Mar Mo 1987 Yr. BOOK No. _____
 SURVEYOR R. Desjardis RODMAN B. Benedict WEATHER: Very Cold Windy Fog 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																83.3704 to
2			<u>TAKEOFF FROM T.B.M. 3705 Elev</u>									860.1				123° 38' 37"
3																13° 38' 47"
4	N 530			88° 51' 22"				70		-34		856.5		Δ		
5	✓			231° 28' 08"				100		-34				✓		
6	0							50					851.5			456
7	990			92° 00"				134		-48°		808.4		⊙		456-5
8	✓			267° 48' 18"				100		-48°				✓		
9																
10	2530			81° 32' 30"				50		-147.5		666.9		Δ		
11	✓			273° 34' 46"				100		-147.7				✓		
12	N 1760			86° 50"				48					753.3			457
13	0							50					655.9			458
14	S 770			92° 10"				134		-42.5			618.7		⊙	458-4
15	✓			267° 34' 46"				100		-42.5				✓		
16																
17	1980			87° 01' 58"				50		-97.4		521.2		Δ		
18	✓			273° 05' 52"				100		-97.2				✓		
19	N 990			87° 40"				38					557.7			459
20								50					516.2			459-6

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STADIA SURVEY NOTES

AREA N.R.R #4 STATE or PROVINCE ALASKA PAGE No. 150
 LINE No.(s) 37 PARTY No. 1185 DATE 19 Day Mar Mo. 1977 Yr. BOOK No.
 SURVEYOR C. Desjardis RODMAN B. Benedict WEATHER: Cold 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	S	770		93°20'				14'					462.3		460
3		1540		93°30'				143	-1084				412.7	⊙	460-4
4		✓		266°19'46"				100	-1085					✓	
5															
6		990		85°42'12"				50	-69.1			348.7		△	
7		✓		274°34'27"				160	-69°					✓	
8		770		87°50'				65					366.3		460-5
9	N	330						93					334.3		460-7
10		0						50					330.7		461
11	S	1760					T 18						350.0		462
12		3520		87°25'				50					497.1		463
13		3630		87°23'31"				50	+159.9				503.5	⊙	463-1
14		✓		272°41'00"				100	+159.8					✓	
15															
16	N	1650		91°02'56"				140	+44.3			547.9		△	
17		✓		268°48'62"				100	+44.4					✓	
18		0						50					542.9		464
19															
20															

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STADIA SURVEY NOTES

AREA N.R.C. #4 STATE or PROVINCE ALASKA PAGE No. 151
 LINE No.(s) 37 PARTY No. 1195 DATE 19 Day Nov Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. DASARLANS RODMAN R. Benedict WEATHER: Clear Cold 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	S	1760		88°00'					34				605.9		465	
3		3520		87°44'55"					5°	+133.0			680.7	⊙	466	
4		✓		77°19'28"					10°	+132.8				✓		
5																
6	N	550		92°20'					15°	+37.4		718.2		Δ		
7		✓		247°07'40"					10°	+37.5				✓		
8		0							5°				713.2		466	3 180°02'40" 0°02'58"
9	S	1210		90°40'					15°				689.1		467	End of 1760 ↑ 1760
10		2090				T	45						724°		468	
11		2200				T	47			+6.2			724°	⊙	468	1 179°58'40" 380
12		✓		220°16'39"					5°	+5.9				✓		355°58'54"
13																
14		3080				T	9.7			-5.5		719.1		Δ		
15		✓		220°16'21"					10°	-5°				✓		
16		2310				T	14.3						719.2		469	
17		1430		90°50'					12°				686°		470	
18	N	550		90°50'					14°				696.3		471	
19		0							5°				714°		471-3	
20	S	330							12°	-13.7			705.5	⊙	472	
				249°26'39"					10°	-13.4				⊙		

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STADIA SURVEY NOTES

AREA N.P.D. # 4 STATE or PROVINCE Alaska PAGE No. 150
 LINE No.(s) 37 PARTY No. 1185 DATE 19 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. DESTERLIS RODMAN B. Benedict WEATHER: Cold 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		1210		87°19'20"				5°0'		-57.5		654.2				
3		✓		272°58'54"				10°0'		-51.3						
4	N	330		87°40'				1.7				665.7			473	
5		0						5°0'				649.2			473.2	
6	S	550		93°50'				14'				603.3			474	
7		1430		94°10'				13.4				536.8			475	
8		2310		93°45'34"				14°0'				488.6			476	
9		2860		93°48'00"				14°0'		-199.4		457.2			476.3	
10		✓		266°11'22"				10°0'		799.9						
11																
12		2050		92°55'20"				14°0'		+120.5		575.2				
13		✓		262°57'15"				10°0'		+120.9						
14		1760		90°40'				14'				540.5			477	
15	N	880		95°20'				13.7				479.7			478	
16		0						5°0'				570.2			479	
17	S	880		88°30'				2.7				595.5			480	
18		1210		85°18'07"				5°0'		+94.1		669.1			480.2	
19		✓		274°55'19"				10°0'		+93.9						
20																

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STADIA SURVEY NOTES

AREA NAC #4 STATE or PROVINCE ALASKA PAGE No. 153
 LINE No.(s) 37 PARTY No. 1195 DATE 19 Day MAR Mo. 1977 Yr. BOOK No.
 SURVEYOR R. DESARRETS RODMAN B. Bennett WEATHER: Cold Clear 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	N	550		91°00'				146	+242			693.4		Δ		
3		✓		269°36'28"				100	243					✓		
4		0						50				688.4			481	
5	S	880		89°20'				27				698.3			482	
6		1760		89°29'23"				130	12.4			695.8		⊙	483	
7		✓		270°39'44"				150	12.4							
8																
9		1760		90°45'				146	+37.7			733.6		Δ		
10		✓		269°05'23"				100	+37.9					✓		
11	N	880		90°56'				131				707.7			484	
12		0						50				728.0			485	
13	S	880		88°20'				40				755.2			486	
14		1760		87°40'30"				80	+63.3			796.8		⊙	487	
15		✓		270°22'29"				100	+63.1					✓		
16																
17		2640					T	128	-0.3			796.8		Δ		
18		✓		270°06'12"				50	-0.1					✓		
19		1760						34				793.4			488	
20	N	880						104				786.2			489	

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STADIA SURVEY NOTES

AREA NRE #4 STATE or PROVINCE ANDREA PAGE No. 154
 LINE No.(s) 27 PARTY No. 1185 DATE 20 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. Desjardis RODMAN B. Benedict WEATHER: Clear Nice 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												796.8				
2		0							5°			791.8		490		
3	S	800							65			790.3		491		
4		1760				T	122					793.4		492		
5		2310				T	146			-32		793.3	0	492-3		
6		V		290°04'17"					10°	-35			V			
7																
8	2640	2680		88°21'02"					5°	-70.8		722.9				
9		V		271°44'25"					10°	-70.4			V			
10		2310		88°20'					45			778.8		493		
11		1430		89°00'					58			742.0		494		
12	N	550		89°36'					3'			724.4		495		
13		0							5°			717.9		495.3		
14	S	330				B	138					707.4		496		
15		1210				B	104					706.2		497		
16		2090		89°20'					4'			748.0		498		
17		2970		88°50'38"					5°	454.7		777.3	0	499		
18		V		271°14'16"					10°	454.4			V			
19																
20																

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STADIA SURVEY NOTES

AREA N.P.B. 4 STATE or PROVINCE ALASKA PAGE No. 156
 LINE No.(s) 37 PARTY No. 1195 DATE 20 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. DeSardais RODMAN B. Benedict WEATHER: Cold 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.		
1		<u>TALPEFF</u>		<u>From</u>		<u>T.B.M</u>	<u>3708</u>		<u>Fixed</u>		<u>10862</u>			
2														
3		<u>845</u>		<u>89°05'36"</u>				<u>5°</u>	<u>-84</u>		<u>1079°</u>			
4				<u>271°13'49"</u>				<u>10°</u>	<u>-82</u>					
5	<u>N</u>	<u>880</u>		<u>89°10'</u>				<u>49</u>			<u>10868</u>		<u>507</u>	
6		<u>0</u>						<u>50</u>			<u>10740</u>		<u>508</u>	
7	<u>S</u>	<u>880</u>		<u>90°40'</u>				<u>128</u>			<u>10559</u>		<u>509</u>	
8		<u>1430</u>		<u>91°00'</u>				<u>134</u>	<u>-384</u>		<u>1040.4</u>		<u>509-3</u>	
9		<u>0</u>		<u>268°50'52"</u>				<u>10°</u>	<u>-384</u>					
10														
11		<u>2090</u>		<u>89°30'53'</u>				<u>50</u>	<u>-124</u>		<u>1028°</u>			
12		<u>0</u>		<u>270°36'22"</u>				<u>10°</u>	<u>-124</u>					
13		<u>1760</u>						<u>28</u>			<u>1025.2</u>		<u>510</u>	
14	<u>N</u>	<u>880</u>		<u>90°50'</u>				<u>143</u>			<u>1000.9</u>		<u>511</u>	
15		<u>0</u>						<u>50</u>			<u>1023.0</u>		<u>512</u>	
16	<u>S</u>	<u>880</u>					<u>63</u>				<u>1026.1</u>		<u>513</u>	
17		<u>1760</u>		<u>89°41'07"</u>				<u>120</u>	<u>-24</u>		<u>1025.4</u>		<u>514</u>	<u>1025.7</u>
18		<u>0</u>		<u>270°24'08'</u>				<u>150</u>	<u>-26</u>					
19														
20														

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STADIA SURVEY NOTES

AREA N.P.D. #4 STATE or PROVINCE ALASKA PAGE No. 152
 LINE No.(s) 37 PARTY No. 1195 DATE 20 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. DESTARLAIS RODMAN B. Benedict WEATHER: Coll 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	Correction	Center Hair			INST.	ROD			
1																
2		1760		89°28'13"				50		-11.2		1014.4				
3		v		77°40'47"				100		-11.0						
4	N	880		91°20'				129				981.0		515		
5		0						50				1009.5		516		
6	S	880		88°20'				39				1036.1		517		
7		1760		88°20'				30				1062.6		518		
8		2310		88°20'34"				80		+58.7		1072.9		518-3		
9		v		271°41'50"				100		+58.5						
10																
11		2640		90°38'14"				130		+42.5		1115.7				
12		v		269°17'03"				100		+42.8						
13		2310		90°50'				8.7				1073.3		519		
14		1430		91°00'				11.3				1079.4		520		
15	N	550		90°20'				13.4				1097.5		521		
16		0						50				1110.7		521-3		
17	S	330						4.4				1111.3		522		
18		660					B	12.1		-15.4		1100.3		522-2		1100.9
19		v		269°50'				13.6		-15.5						
20																

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STADIA SURVEY NOTES

AREA N.P.B. 4 STATE or PROVINCE ALASKA PAGE No. 158
 LINE No.(s) 37 PARTY No. 1195 DATE 20 Day Mon Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. Desjarlais RODMAN B. Benedict WEATHER: Cold 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		2310		87°36'12"				50	-91.5		1089.0			Δ		
3		✓		222°30'37'				100	-91.3					✓		
4		1760		87°50'				34				1072.1			523	
5	N	880		88°00'				69				1032.8			524	
6		0						50				1004.0			525	
7	S	880		92°40'				119				956.1			526	
8		1760						128				996.1			527	
9		2640		89°30'05"				50	+17.8			1026.7		⊙	528	
10		✓		270°35'08"				100	+17.7					✓		
11																
12		1430		98°40'				128	+54.4		1081.4			Δ		
13				268°11'33"				100	+54.8					✓		
14	N	550		90°40'				148				1060.2			529	
15		0						50				1076.4			529.3	
16	S	330						20				1079.4			530	
17		660						103	-10.3			1071.0		⊙	530.2	1071.9
18		✓		270°12'46"				130	-10.4					✓		
19																
20																

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STADIA SURVEY NOTES

AREA N.P.R. 44 STATE or PROVINCE ALASKA PAGE No. 105
 LINE No.(s) 37 PARTY No. 185 DATE 21 Day WED Mo. 1977 Yr. BOOK No.
 SURVEYOR R. Desjarlais RODMAN R. Benedict WEATHER: Cold 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		2310		87°03'08'				50	-1137			9577		A		
3		✓		273°03'10"				100	-1133					✓		
4		1760		87°10'				48				10398			531	
5	N	880		87°10'				44				9948			532	
6		0						50				9527			533	
7	S	880		92°20'				137				9054			534	908.2
8		1760						141				943.6			535	
9		2140						07	-08			9565		⊙	536	
10		✓		270°04'43'				50	-72					✓		
11																
12		2640		91°54'10'				130	+100.8			10577		Δ		
13		✓		2601'00"				100	+101.2					✓		
14		1760		92°10'				115				9794			537	
15	N	880		92°20'				140				10078			538	
16		0						50				10527			539	
17	S	880		89°00'				24				10706			540	
18		990		88°56'08'				50	+135			10711		⊙	540-1	1072.4
19		✓		271°21'16'				100	+134					✓		
20																

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STADIA SURVEY NOTES

AREA N.R.P. #4 STATE or PROVINCE ALASKA PAGE No. 160
 LINE No.(s) 37 PARTY No. 1195 DATE 21 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. DEZARLAIS RODMAN B. Benedict WEATHER: Cold Clear P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2		1650		88° 19' 13"				50		-433		1020°				
3		v		271° 50' 29'				10°		-43'						
4		NE 280		88° 20'				39				1047.7		541		
5		0						5°				1023°		542		
6		S.E. 880		92° 00'				138				968'		543		
7		1760		93° 20'				121				913.5		544		
8		2640		93° 00'				144		-152.9		874.8		546		
9		v		216° 53' 18"				10°		-153.2						
10																
11		1430						39		13.9		879°				
12		v		270° 01' 41"				5°		14.1						
13		N 550						14°				865°		546		
14		0						5°				874°		546-3		
15		S 330						11'				867.5		547		
16		1210		91° 30'				121		-438		835.0		548		836.6
17		v		208° 28' 16"				10°		-43.9						
18																
19																
20																

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STADIA SURVEY NOTES

AREA N.P.C. 44 STATE or PROVINCE ALASKA PAGE No. 161
 LINE No.(s) 37 PARTY No. 1195 DATE 22 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. D'AMARALO RODMAN B. Benedict WEATHER: Gold 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	Correction	Center Hair			INST.	ROD			
1																
2		2640	/					10.2	+10.3			8455		Δ		
3		✓		269°52'43"				5°	+10.5					✓		
4		1740				B	132					823.5			549	
5	N	880	/					27				837.8			560	
6		0						5°				840.5			551	
7	S	880	/	88°40'				4°				862.0			552	
8		1760		87°50'				3°				909.1			553	
9		2090		86°15'41"				5°	+131.2			976.6		⊙	553-2	
10		✓		273°52'08"				10°	+131.1					✓		
11																
12		1760	/					48	+4.9			981.6		Δ		
13		✓		270°09'45"				10°	+5°							
14		1210		90°02'57"				15°				965.6			554	
15	N	330				T	34					979.8			555	
16		0						5°				976.6			555-2	
17	S	550	/	90°50'				14°				959.2			556	
18		1430		91°30'				13°				930.6			557	
19		2310		91°30'				10°				910.3			558	
20																

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STADIA SURVEY NOTES

AREA N.P.P. #4 STATE or PROVINCE ALASKA PAGE No. 162
 LINE No.(s) 37 PARTY No. 1195 DATE 22 Day MON Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. Desjarlais RODMAN B. Benedict WEATHER: Cold 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		3190		91°23'13"				18°		-90.4		890.9	0	559	892.9
3		✓		218°39'00"				10°		-90.7			✓		
4															
5		1760		88°15'36"				5°		-48.4		842.4	Δ		
6		✓		271°53'45"				10°		-48.3			✓		
7	N	880		89°00'				3.3				854.7		560	
8		0						5°				837.6		561	
9	S	880		93°26'				13.3				778.2		562	
10		1760		90°30'				14.2				813.0		563	
11		2640		89°35'05"				5°				856.6		564	
12		3520		88°43'16"				5°		+73.3		915.8	0	566	
13		✓		271°21'24"				10°		+73.2			✓		
14															
15		1760		92°30'				13.7		+90.5		1006.5	Δ		
16		✓		267°21'53"				10°		+90.8					
17	N	880		92°00'				13.8				962.9		566	
18		0						5°				1001.5		567	
19	S	680		88°52'02"				5°		+8.4		1014.9	0	TBM 3711	
20		✓		271°32'40"				10°		+8.4		1017.2	✓		1017.2

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STADIA SURVEY NOTES

AREA N.P.C. #4 STATE or PROVINCE ALASKA PAGE No. 163
 LINE No.(s) 37 PARTY No. 1086 DATE 22 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. Desjardins RODMAN B. Benedict WEATHER: Cold 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		<u>TALCORA</u>		<u>FROM</u>		<u>T.B.M</u>		<u>3711</u>		<u>Elev.</u>	<u>1017'</u>				
2															
3		<u>1080</u>		<u>88°19'40"</u>				<u>10°</u>	<u>-21.5</u>		<u>9958</u>				
4		<u>✓</u>		<u>27°48'56"</u>				<u>18°</u>	<u>-21.3</u>						
5		<u>N 880</u>		<u>88°23'56"</u>				<u>5°</u>				<u>10154</u>		<u>568</u>	
6		<u>0</u>						<u>5°</u>				<u>9908</u>		<u>569</u>	
7		<u>S 880</u>		<u>91°30'</u>				<u>13°</u>				<u>9594</u>		<u>570</u>	
8		<u>1760</u>		<u>91°40'</u>				<u>14°</u>	<u>-65.9</u>			<u>9297</u>		<u>571</u>	<u>929.8</u>
9		<u>✓</u>		<u>28°14'15"</u>				<u>10°</u>	<u>-66°</u>						
10															
11		<u>1420</u>		<u>88°41'43"</u>				<u>5°</u>	<u>-27.5</u>			<u>9024</u>			
12		<u>✓</u>		<u>27°28'23"</u>				<u>10°</u>	<u>-27.3</u>						
13		<u>N 550</u>		<u>91°10'</u>				<u>14°</u>				<u>876.8</u>		<u>572</u>	
14		<u>0</u>						<u>5°</u>				<u>897.4</u>		<u>572-3</u>	
15		<u>S 330</u>						<u>13°</u>				<u>889.2</u>		<u>573</u>	
16		<u>1210</u>		<u>90°46'</u>				<u>12°</u>				<u>875.9</u>		<u>374</u>	
17		<u>2090</u>		<u>89°40'</u>				<u>1.8</u>				<u>912.7</u>		<u>575</u>	
18		<u>2640</u>		<u>89°23'25"</u>				<u>5°</u>	<u>+22.8</u>			<u>924.9</u>		<u>575-3</u>	<u>925.1</u>
19		<u>✓</u>		<u>27°42'09"</u>				<u>10°</u>	<u>+22.5</u>						
20															

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STADIA SURVEY NOTES

AREA N.P.D. #4 STATE or PROVINCE ALABAMA PAGE No. 164
 LINE No.(s) 37 PARTY No. 1195 DATE 22 Day Mar Mo. 1937 Yr. BOOK No. _____
 SURVEYOR R. DEZARLAIS RODMAN B. Benedict WEATHER: Cold Clear P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		AB.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2		860		88° 22' 45"				12 ^u		-9.5		915.5		Δ		
3		"		272° 07' 16"				15 ^o		-9.5				∇		
4	N	330		98° 00'				27				974.3			576	
5		0						50				910.5			576-2	
6	S	550		95° 00'				149				852.6			577	
7		1430		95° 00'				124				778.4			578	
8		2280		91° 50'				102				832.2			579	
9		3160		89° 21' 22"				50		+21.1		936.5		Δ	580	936.9
10		✓		270° 34' 00"				100		+21.1				∇		
11																
12	N	330		92° 40'				147		+30.1		966.4		Δ		
13		✓		266° 57' 19"				120		+30.1				∇		
14		0						50				961.4			580-2	
15	S	550						138				953.2			581	
16		1420					B	10 ⁴				949.0			582	
17		2310		89° 30'				87				978.0			583	
18		3190		88° 55' 31"				50		+50.9		1017.3		Δ	584	1017.8
19		✓		271° 05' 27"				100		+50.7				∇		
20																

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STADIA SURVEY NOTES

AREA N. P. 4 STATE or PROVINCE ALASKA PAGE No. 165
 LINE No.(s) 37 PARTY No. 1195 DATE 22 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. DESTARLAIS RODMAN B. Benedict WEATHER: Cold 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.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2		1760		95°20'				129		+1766		1194.0		Δ		
3				264°33'45"				100		+176.7				✓		
4	N 890			95°20'				126				1029.4			585	
5		0						50				1189.0			586	
6	S 880			25°18'45"				70		+64.9		1258.8		○	587	1259.4
7	V			274°52'24"				100		+64.8				✓		
8																
9	N 330			70°50'				138		+18.4		1237.5		Δ		
10				268°29'45"				100		+18.4				✓		
11		0						50				1272.5			587-2	
12		402		89°21'35"				50		-0.5		1226.9		○	TBM 3712	
13	K			271°20'19"				100		-0.6		1277.5		✓		1277.5
14												Tie	0.6 High			
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA 14.224 STATE or PROVINCE ALASKA PAGE No. 166
 LINE No.(s) 37 PARTY No. 1195 DATE 23 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. Desjarlais RODMAN B. Benedict WEATHER: Cold Clear 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			TAKEOFF FROM T.B.M 3712									1277.5				
2																
3		1900		87°24'28"					2°	-77.8		1192.8		Δ		
4		✓		270°28'48"					10°	-77.8				✓		
5		1760		87°20'					4.5			1277.1			588	
6	N	880		87°40'					2.2			1233.4			589	
7		0							5.0			1194.8			590	
8	S	330		91°50'					14.7	-25.3		1174.6		○	590-2	1174.9
9		✓		267°20'46"					10.0	-25.3				✓		
10																
11	3190	3200		84°46'37"					5.0	-28.9		890.1		Δ		
12		✓		275°17'53"					10.0	-28.9				✓		
13		2640		84°50' 84°53'50"					10.0			1108.9			591	
14		1870		84°50'					3.5			1054.3			591-4	
15		1760		85°00'					1.4			1041.5			592	
16		1650		85°50'					2.0			1067.6			592-1	
17	N	880		87°50'					3.8			912.6			593	
18		0							5.0			885.1			594	
19	S	880		91°10'					13.7			858.5			595	
20		1760		90°50'					10.4			854.1			596	

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STADIA SURVEY NOTES

AREA N.P.R.#4 STATE or PROVINCE ALASKA PAGE No. 167
 LINE No.(s) 37 PARTY No. 1195 DATE 23 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. Desjardais RODMAN B. Benedict WEATHER: Cold Clear P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2		2640		90°40'					120	-42.9			846.8	⊙	597	847.8
3		✓		269°16'08"					100	-43.3				✓		
4																
5		2640							81	+8.2		855.5		Δ		
6		✓		270°23"					100	+8.7						
7		1760							79				847.6		598	
8	N	880							57				849.8		609	
9		0							50				850.5		600	
10	S	880							33				852.2		601	
11		1760							80				847.5		602	
12		2640		89°55'30"					130	-9.7			846.6	⊙	603	847.2
13		✓		270°06'30"					150	-9.9				✓		
14																
15		2640							110	+11.1		856.6		Δ		
16		✓		269°55'00'					100	+11.0				✓		
17		1760							90				847.4		604	
18	N	880							69				849.7		605	
19		0							50				851.4		606	
20	S	880					B	146					837.4		607	River Colville

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STADIA SURVEY NOTES

AREA N.D.D.#4 STATE or PROVINCE ALASKA PAGE No. 148
 LINE No.(s) 37 PARTY No. 1195 DATE 29 Day Mon Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. DESTARLAYS RODMAN R. Benedict WEATHER: Cold 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 of Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2		1430		87°40'					6.5			909.2			607-3	
3		1760		87°00'					3.6			944.9			608	
4		2090		86°56'08"					6.0	+105.6		962.1	0		608-2	964.3
5		✓		87°10'30"					10.0	+105.7			✓			
6																
7		1430		91°30'					13.3	+50.8		1013.0				
8		✓		268°20'41"					10.0	+50.9			✓			
9		880		91°50'					12.1			972.7			609	
10	N	330		92°10'					14.1			986.3			609-3	
11		?							5.0			1008.0			610	
12	S	880		89°30'					7.7			1012.9			611	
13		1760		89°30'					4.7			1023.5			612	
14	2030	2030		89°28'24"					5.0	+13.6		1026.4	0	T.B.M.	3713	
15		✓		270°29'49"					10.0	+13.5		1029.0	✓			1029.0
16												Tie	2.6	Low		
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA N.P.R. #4 STATE or PROVINCE Alaska PAGE No. 169
 LINE No.(s) 37 PARTY No. 1195 DATE 29 Day Mar Mo. Yr. BOOK No.
 SURVEYOR R. D. STARBUCK RODMAN B. Benedict WEATHER: old 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		<u>TAKOFF</u>			<u>From</u>		<u>T.B. 11.3712</u>	<u>Elev.</u>				<u>1029.0</u>				
2																
3		<u>1480</u>				<u>B</u>	<u>95</u>			<u>+16.9</u>		<u>1046.0</u>		<u>A</u>		
4		<u>V</u>		<u>269° 30'</u>				<u>127</u>		<u>+17.0</u>				<u>V</u>		
5	<u>N</u>	<u>880</u>		<u>91° 00'</u>				<u>134</u>				<u>1017.2</u>			<u>613</u>	
6		<u>0</u>						<u>50</u>				<u>1041.0</u>			<u>614</u>	
7	<u>S</u>	<u>880</u>						<u>25</u>				<u>1043.0</u>			<u>615</u>	
8		<u>1760</u>				<u>T</u>	<u>47</u>					<u>1050.0</u>			<u>616</u>	
9		<u>2640</u>				<u>T</u>	<u>75</u>			<u>+5.4</u>		<u>1051.5</u>		<u>O</u>	<u>617</u>	<u>1052.0</u>
10		<u>V</u>		<u>220° 20'</u>				<u>97</u>		<u>+5.5</u>				<u>V</u>		
11																
12		<u>2640</u>				<u>B</u>	<u>50</u>			<u>+12.3</u>		<u>1070.0</u>		<u>A</u>		
13		<u>V</u>		<u>269° 50'</u>				<u>107</u>		<u>+18.4</u>				<u>V</u>		
14		<u>1760</u>				<u>B</u>	<u>92</u>					<u>1053.9</u>			<u>618</u>	
15	<u>N</u>	<u>880</u>						<u>72</u>				<u>1072.8</u>			<u>619</u>	
16		<u>0</u>						<u>50</u>				<u>1065.0</u>			<u>620</u>	
17	<u>S</u>	<u>880</u>		<u>90° 30'</u>				<u>137</u>				<u>1048.4</u>			<u>621</u>	
18		<u>1760</u>				<u>B</u>	<u>69</u>					<u>1054.2</u>			<u>622</u>	
19		<u>2640</u>						<u>142</u>		<u>-14.3</u>		<u>1055.4</u>		<u>O</u>	<u>623</u>	<u>1056.4</u>
20		<u>V</u>		<u>265° 53' 51"</u>				<u>100</u>		<u>-14.4</u>				<u>V</u>		

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STADIA SURVEY NOTES

AREA N.P.R. 44 STATE or PROVINCE ALBERTA PAGE No. 170
 LINE No.(s) 33 PARTY No. 1195 DATE 29 Day Mar Mo. 1922 Yr. BOOK No.
 SURVEYOR P. D. S. J. J. J. RODMAN B. Benedict WEATHER: old clear 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	Correction	Center Hair			INST.	ROD			
1																
2		1760		90°50'				145	+40.2			10957		Δ		
3		✓		269°00'41"				100	+40.3					✓		
4	N	880		91°00'				128				10625			624	
5		0						50				10907			625	
6	S	880						25				1093.2			626	
7		1760					T	11'				10933			627	
8		2640		29°56'09"				50	-2'			10934		⊙	628	1094.9
9		✓		270°10'08"				100	-22					✓		
10																
11		1650						113	+11.4			11050		Δ		
12		✓		269°56'28"				100	+11.4					✓		
13	N	770						72				1097.8			629	
14		0						50				1100.0			629-4	
15	S	110						13'				1091.9			630	
16		220		91°40'				14'				1084.5			630-1	
17		880					B	124				1088'			630-4	
18		990						45				1100.5			631	
19		1320						108	-70B			1094.0		⊙	631-2	1095.8
20		✓		270°07'35"				140	-11.0					✓		

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STADIA SURVEY NOTES

AREA N.A.P. #4 STATE or PROVINCE ALABAMA PAGE No. 171
 LINE No.(s) 37 PARTY No. 1195 DATE 29 Day Mar Mo. 1977 Yr. BOOK No.
 SURVEYOR R. D. OSBORN RODMAN B. B. Burchett WEATHER: Clear Cold 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		1980							10°	+10'		1104.3				
3		✓		268° 50' 34"					5°	+10'						
4		1430				B	145						1082.6		632	
5	N	550							12°				1092.3		633	
6		0							5°				1099.3		633.8	
7	S	330							12°				1091.9		634	
8		660			90° 30'				14°				1082.7		634.2	
9		1210							9°				1095.0		635	
10		2090							12°				1091.4		636	
11		2976				T	115						1102.4		637	
12		3127				T	126						1106.8		637	
13		✓		277° 00' 02"					5°	+28'					T.O.M. 3714	
14										+25'						
15												1109.1		TIG	2.4	1109.1
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA N.A.P. #4 STATE or PROVINCE ALABAMA PAGE No. 122
 LINE No.(s) 37 PARTY No. 1195 DATE 25 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. Desjardais RODMAN J. Childers WEATHER: Gold 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			TAKEOFF FROM T.B.M.			3	219					1109.1			
2															
3		2140				T	56					11037			
4		✓		270°20'					71	-54					
5		1430							96			1094.6		638	
6	N	550							17			1102.0		639	
7		0							50			1098.7		639-3	
8	S	330							92			1094.5		640	
9		1210				B	131					1084.5		641	
10		2090				B	82					1085.1		642	
11		2970				T	68					1111.4		643	1111.8
12		✓		230°14'46"					50	+7.9					
13										+2.7					
14		2640							123			1125.0			
15		✓		269°55'20"					100	+13.4					
16		1760							66			1118.4		644	
17		1210							22			1117.8		644-3	
18	N	880							113			1111.4		645	1113.7
19		0							50			1120.0		646	
20	S	880		90°30'					127			1104.4		647	

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STADIA SURVEY NOTES

AREA N.R.R. #4 STATE or PROVINCE ALASKA PAGE No. 173
 LINE No.(s) 37 PARTY No. 1185 DATE 25 Day Mar Mo. 1977 Yr. BOOK No.
 SURVEYOR R. DEJARRAIS RODMAN S. THOMAS WEATHER: Cold 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	Correction	Center Hair			INST.	ROD			
1																
2		1760		90°40'					112				1093.3		648	
3		2640					T	10					1137.1		649	
4		3520		89°28'20"					10°				1147.2		650	1153.5
5		4400		89°26'05"					15°	+20°			1152.4	⊙	651	N. trail / creek
6		✓		87°23'19"					15°	+27.6				✓		crossing gould not
7																test with Bomb.
8		2640		90°07'37"					14°	+20°		1172.8		Δ		
9		✓		269°46'47"					10°	+20'				✓		
10		1760							13°				1159.3		652	
11		1210		91°00'					13°				1138.3		652-3	
12		N 880		96°56'					13°				1146.5		653	
13		0							50				1167.0		654	
14		S 880					T	73					1169.9		655	
15		1760					T	55					1176.0		656	
16		2640					T	60					1180.7	⊙	657	1182.0
17		✓		270°28'22"					10°	+18'				✓		
18										+17.9						
19																
20																

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STADIA SURVEY NOTES

AREA N.P.P. #4 STATE or PROVINCE ALASKA PAGE No. 174
 LINE No.(s) 37 PARTY No. 1195 DATE 29 Day MAR Mo. 1877 Yr. BOOK No. _____
 SURVEYOR R. Decker RODMAN C. Rain WEATHER: Cold 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		1430		90°46'					125	+29.2		1209.9		Δ		
3		✓		269°14'					100	+29.1				✓		
4	N	550		90°30'					112			1193.4			658	
5		0							50			1204.9			658-3	
6	S	330	/						101			1199.8			659	
7		1210	/						120			1197.9			660	
8		2090	/						110			1198.9			661	
9		2970	/						90	-9.2		1200.7		⊙	662	1202.4
10		✓		270°01'20'					100	+9.1				✓		
11																
12		2090				B	144			+24.9		1225.7		⊙		
13		✓		219°35'30'					100	+25.0				✓		
14		1210				B	144					1205.2			663	
15	N	330	/						85			1217.0			664	
16		0							50			1220.7			664-2	
17	S	550	/						95			1216.2			665	
18		1430	/						112			1214.5			666	
19		2310	/						63			1219.4			667	
20																

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STADIA SURVEY NOTES

AREA N.P.D #4 STATE or PROVINCE ALASKA PAGE No. 175
 LINE No.(s) 37 PARTY No. 1195 DATE 26 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. DESTARDA 15 RODMAN G. POINS WEATHER: Cold 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		3190	/						45	-47			1221.0	668	1223.1
3				270°05'57"					100	-47					
4															
5		2640	/						127	+12.8			1234.0		
6		1760	/	269°56'06"					100	+13.0					
7		1760	/						97				1224.3	669	
8	N	880	/						85				1225.5	670	
9		0	/						50				1229.0	671	
10	S	880	/						09				1233.1	672	
11		1760	/				T	53					1236.8	673	
12		2640	/				T	82		+49			1238.8	674	1241.3
13			/	270°12'53"					50	+48					
14															
15		2640	/						146	+147			1253.7		
16			/	269°52'41"					100	+149					
17		1760	/						100				1243.7	675	
18	N	880	/						82				1245.5	676	
19		0	/						50				1248.7	677	
20															

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STADIA SURVEY NOTES

AREA NPP #4 STATE or PROVINCE ALASKA PAGE No. 176
 LINE No.(s) 37 PARTY No. 1195 DATE 26 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. DESJARDIS RODMAN C. POINS WEATHER: Cold 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.			
1															
2	S	880				T	13					1256.7	678		
3		1760		89°40'				24				1261.7	679		
4		2640		89°39'35"				8°	+7.5			1261.1	680	1264.0	
5		✓		270°22'52"				10°	+7.5				✓		
6															
7		2970		90°01'42"				14°	+15.7		1277.0		Δ		
8		✓		269°53'24"				10°	+15.8				✓		
9		2090						14.3				1262.7	681		
10		1210				B	92					1261.4	682		
11	N	330						10°				1267.0	683		
12		0						50				1272.0	683-2		
13	S	550						9.3				1267.7	684		
14		1430						6'				1270.9	685		
15		2310				T	97		+1.7			1278.6	686	1281.9	
16		✓		270°09'56"				50	+1.7				✓		
17															
18		2640						7.9	+8.0		1286.7		Δ		
19		✓		270°02'31"				10°	+8.1				✓		
20		1760						5'				1281.4	687		

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STADIA SURVEY NOTES

AREA N.P.R. #4 STATE or PROVINCE ALASKA PAGE No. 177
 LINE No.(s) 37 PARTY No. 1195 DATE 26 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. DESJARDIS RODMAN G. Rain WEATHER: Cold Clear 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												1286.7				
2	N 89° 0'	/										1279.4		688		
3	0											1281.7		689		
4	S 89° 0'											1282.7		690		
5	1760			89° 20'								1304.5		691		
6	1810			89° 18' 40"						+16 7		1303.4	⊙	T.B.M	3716	
7				270° 50' 36"						+16 4						
8												1307.0				1307.0
9																
10												T.I.E	3.6			
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA N.P.P. # 4 STATE or PROVINCE ALASKA PAGE No. 178
 LINE No.(s) 37 PARTY No. 1195 DATE 26 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. DASTARLAIS RODMAN G. Cairns WEATHER: Cold 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			<u>TAKOFF FROM</u>			<u>T B M</u>	<u>376</u>	<u>E</u>	<u>610</u>			<u>1307.0</u>			
2															
3		<u>2580</u>				<u>T</u>	<u>122</u>			<u>-0.4</u>		<u>1306.7</u>		<u>1</u>	
4		<u>0</u>		<u>270° 07' 00"</u>					<u>5°</u>	<u>-0.3</u>				<u>1</u>	
5		<u>1760</u>							<u>51</u>			<u>1301.6</u>		<u>692</u>	
6	<u>N</u>	<u>880</u>							<u>57</u>			<u>1301.0</u>		<u>693</u>	
7		<u>0</u>							<u>5°</u>			<u>1301.7</u>		<u>694</u>	
8	<u>S</u>	<u>880</u>				<u>T</u>	<u>29</u>					<u>1308.1</u>		<u>695</u>	
9		<u>1760</u>				<u>T</u>	<u>32</u>					<u>1312.2</u>		<u>696</u>	
10		<u>2640</u>				<u>T</u>	<u>79</u>			<u>+5.2</u>		<u>1311.6</u>		<u>697</u>	
11		<u>0</u>		<u>270° 12' 50"</u>					<u>5°</u>	<u>+4.9</u>				<u>1</u>	
12															
13		<u>2640</u>				<u>B</u>	<u>93</u>			<u>+22.0</u>		<u>1334.4</u>		<u>1</u>	
14		<u>0</u>		<u>269° 43' 18"</u>					<u>10°</u>	<u>+22.8</u>				<u>1</u>	
15		<u>1760</u>							<u>18.0</u>			<u>1321.4</u>		<u>698</u>	
16	<u>N</u>	<u>880</u>							<u>11.1</u>			<u>1323.3</u>		<u>699</u>	
17		<u>0</u>							<u>5°</u>			<u>1329.4</u>		<u>700</u>	
18	<u>S</u>	<u>880</u>							<u>3.2</u>			<u>1331.2</u>		<u>701</u>	
19		<u>1760</u>		<u>89° 35'</u>					<u>4.5</u>			<u>1342.4</u>		<u>702</u>	
20															

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STADIA SURVEY NOTES

AREA N.P.R. #4 STATE or PROVINCE ALASKA PAGE No. 179
 LINE No.(s) 37 PARTY No. 1195 DATE 26 Day MAR Mo. 1917 Yr. BOOK No. _____
 SURVEYOR P. DeSjallan RODMAN G. Cairns WEATHER: Gold 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		2640		89°38'03"				2°		+9.7		1344.0	○	703	
3		✓		270°25'34"				10°		+9.6			✓		
4															
5		2310		89°36'14"				11°		-4.9		1339.4	△		
6		✓		270°29'46"				15°		-4.6			✓		
7		1430		89°30'				7°				1344.8		704	
8	N	550		89°40'				13°				1341.2		705	
9		0						5°				1334.4		705-3	
10	S	330				B	15°					1322.7		706	
11		1210		92°00'				13.6				1283.5		707	
12		2090		90°30'				12.5				1307.5		708	
13		2970						6.3		-6.5		1332.6	○	709	
14		✓		270°03'36"				10°		-6.8			✓		
15															
16	N	880				B	15°			+19.4		1352.1	△		
17		✓		269°40'				14.5		+19.5			✓		
18		0						5°				1347.1		710	
19	S	880				B	13.5					1334.2		711	
20		1760		90°30'				11.8				1324.9		712	

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STADIA SURVEY NOTES

AREA H.P.R. #4 STATE or PROVINCE BRITISH COLUMBIA PAGE No. 180
 LINE No.(s) 37 PARTY No. 1195 DATE 26 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. DESTARDELS RODMAN G. Cairns WEATHER: old 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		2640		90°30'				138		-37°		1314.9	○	713	
3				269°24'	24'			100		-37°			✓		
4															
5		2640				T	129			-0.7		1314.5	Δ		
6				270°06'	54			50		-0.4			✓		
7		1760						125				1302.0		714	
8	N	880						125				1302.0		715	
9		0						50				1309.5		716	
10	S	880				T	18					1317.0		717	
11		1430				T	83			-1.2		1313.2	○	717-3	
12				270°20'				97		-1.3			✓		
13															
14		2090				T	117			+1.3		1314.7	Δ		
15				270°05'	35'			50		+1.5			✓		
16		1760						39				1310.0		718	
17	N	886		90°20'				150				1294.5		719	
18		0						50				1309.7		720	
19	S	880				T	36					1315.5		721	
20		1760				T	08					1322.4		722	

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STADIA SURVEY NOTES

AREA N.A.D #4 STATE or PROVINCE ALASKA PAGE No. 180
 LINE No.(s) 37 PARTY No. 1195 DATE 26 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. DAZZORLAIS RODMAN R. Pams WEATHER: Cold 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.			
1															
2		2640				T	85		+44		1319'	○	723		
3				270°18'50"				10°	+44			✓			
4															
5		2649						58	+59		1325'	△			
6				270°05'20"				10°	+6°			✓			
7		1260						72			1317.9		724		
8	N	880						84			1316.5		725		
9		0						80			1320.1		726		
10	S	880						2°			1323.1		727		
11		1260				T	122				1321.4		728		
12		2640				T	128		+63		1325.3	○	729		
13				270°06'51"				6°	+02			,			
14															
15		2640						95	+94		1335°	△			
16				270°03'00"				12°	+97			✓			
17		1760						72			1327.8		730		
18	N	880						39			1331.1		731		
19		0						5°			1330.7		732		
20	S	880						83			1326.7		733		

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STADIA SURVEY NOTES

AREA NPC#4 STATE or PROVINCE ALASKA PAGE No. 108
 LINE No.(s) 37 PARTY No. 1195 DATE 27 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. Desjarlais RODMAN C. Rains WEATHER: Cold Clear P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		AB.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												1335 ⁰				
2		1760	/					75					1329.5		734	
3		2640	/					92					1330.8		735	
4		3120		89°30'18"				50	+223				1357.2	0	735-3	
5		✓		270°34'43"				100	+222					✓		
6																
7		2430		91°03'28"				140	+588			1416.1		Δ		
8		✓		268°50'34"				100	+589					✓		
9		2090		91°00'				130					1366.5		736	
10		1210		91°10'				137					1377.7		737	
11	N	330	/					89					1407.2		738	
12		0						50					1411.1		738-2	
13	S	530				T	1.5						1419.3		739	
14		1430				T	1.8						1421.4		740	
15		2310		89°35'27"				50	+11.4				1427.4	0	741	
16		✓		270°31'54"				100	+11.4					✓		
17																
18		2640		90°19'07"				140	+208			1456.4		Δ		
19		✓		267°34'48"				100	+29.2					✓		
20		1760				B	145						1433.2		742	

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STADIA SURVEY NOTES

AREA N.P.R. 4 STATE or PROVINCE ALASKA PAGE No. 183
 LINE No.(s) 37 PARTY No. 1195 DATE 27 Day MAR Mo. 1927 Yr. BOOK No. _____
 SURVEYOR R. DESTARNAIS RODMAN G. Rains WEATHER: Cold 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												1456.4				
2	N 880					B	12 ²					1440.0		743		
3	0							50				1451.6		744		
4	S 880					T	2 ¹					1458.9		745		
5		1760		88°50'				5 ¹				1487.2		746		
6		2640		88°53'45"				70	+43.7			1499.9	0	747		
7		✓		271°09'13"				100	+43.3							
8																
9		2640		70°27'53"				130	+42.2			1542.7	Δ			
10		✓		269°16'52"				100	+42.8							
11		1760		90°50'				13 ¹				1503.9		748		
12	N 880			90°40'				12 ²				1519.7		749		
13	0							50				1537.7		750		
14	S 880					T	2 ⁶					1544.5		751		
15		1760				T	3 ¹					1548.3		752		
16		2640		89°29'06" W.R.	50		20.0	150				1538.4		753		
17		3190		89°33'48"				50	+19.1			1561.1	0	753-3		
18		✓		270°30'12"				100	+18.5				✓			
19																
20																

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2nd _____

STADIA SURVEY NOTES

AREA NPR #4 STATE or PROVINCE ALASKA PAGE No. 109
 LINE No.(s) 37 PARTY No. 1195 DATE 27 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. Desjardins RODMAN Ains WEATHER: Cold 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		2090				B	117			+222		1583.6			
3		✓		209°38'09"					10°	+225					
4		1760				B	108					1565.9		754	
5		N 880							80			1574.8		755	
6		0							50			1578.4		756	
7		S 880				T	33					1584.7		757	
8		1760		89°30'					53			1593.0		758	
9		2640		89°33'23"					50	+153		1598.5		759	
10		✓		270°31'57"					10°	+148					
11															
12		1430		89°29'55"					10°	-25		1596.2			
13		✓		270°38'57"					14°	23					
14		N 550		89°30'					18			1599.2		760	LAST S.D.
15		0							50			1591.2		760 3	Resto E STATION
16		S 330							14.6			1581.6		761	are tail Spread
17		1210		90°40'					12.5			1569.4		762	
18		2090		91°05'57"					12°			1544.1		763	
19		2970		90°03'28"					14°	-17.1		1578.5		764	
20		✓		269°50'40"					10°	-17.7					

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STADIA SURVEY NOTES

AREA N-DE⁴ STATE or PROVINCE ALASKA PAGE No. 105
 LINE No.(s) 37 PARTY No. 1195 DATE 22 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. Desjardis RODMAN C. Pains WEATHER: Cold Clear P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. I.F.S. - S.S.	Station	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD				
1																	
2	N 98°0'			91°43'57"				15°		+41.4		1620.3					
3				268°14'10"				15°		+41.8							
4		0										1615.3					
5	S 55°0'					T	64			-3.7		1616.4		7.5	3		
6		14		270°39'12"				10°		-3.7							
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	

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