

### STADIA SURVEY NOTES

AREA ZONE A NPR-4 STATE or PROVINCE ALASKA PAGE No. 79  
 LINE No.(s) 23 PARTY No. 184 DATE 30 Day 3 Mo. 74 Yr. BOOK No. N-2  
 SURVEYOR C. RAY RODMAN G. LOGAN 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.			
1															
2															
3	S	2640		89°57'42"								83.3	0	SP10	
4				270°03'22"											
5	S	1320		89°59'37"											
6		-0-													
7	N	1320		90°06'08"											
8	N	2640		90°08'00"											
9				269°53'38"											
10	S	2640		89°38'52"											
11				270°03'28"											
12	S	1320		90°06'16"											
13		-0-													
14	N	1320		90°04'15"											
15	N	2640		90°03'13"											
16				269°57'56"											
17	S	1320		90°04'00"											
18		-0-													
19	3795	<del>2795</del>		90°02'05"											
20															

TI-588B

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**STADIA SURVEY NOTES**

AREA ZONE A NPR-4 STATE or PROVINCE ALASKA PAGE No. 78  
 LINE No. (s) 23 PARTY No. 184 DATE 30 Day 3 Mo. 74 Yr. BOOK No. 1  
 SURVEYOR C. RAY RODMAN G. LOGAN 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 Ref. Pg 80 Ln. 1	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD				
1																	
2																	
3																	
4	S	1320		90°02'41"						+4.0	+4.8	79.9		⊙	SP16		
5				269°58'34"													
6	-0-																
7	N	1320		90°28'59"						-4.0	-15.1	59.8		-	SP15		
8	N	2640		90°10'24"						-4.0	-11.6	68.3		⊙	SP13		
9				269°50'36"													
10	S	1815		90°23'08"						+4.0	+15.8	84.1		⊙			
11	<del>S</del>	<del>495</del>		269°38'20"													
12	S	495		91°08'24"						-4.0	-13.8	70.3		-	SP12		
13	-0-																
14	N	825		89°53'15"						-4.0	-3.8	80.3		-	SP11		
15	N	2145		89°56'06"						-3.7	-0.8	83.3		⊙	SP10		
16				278°05'26"													
17																	
18																	
19																	
20																	

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**STADIA SURVEY NOTES**

AREA ZONE A NPR-4 STATE or PROVINCE ALASKA PAGE No. 80  
 LINE No.(s) 23 PARTY No. 184 DATE 31 Day 3 Mo. 74 Yr. BOOK No. 1  
 SURVEYOR C.RAY RODMAN G. LOGAN 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						P-78	L-4		B-N-2			75.1	0	SP16			
2	SW	2640		89°54'09"				+4.0		-1.0	(74.1)		0	SP16 (A)			
3				2700705										CK		CK	
4	SW	1320		895626				-4.0		-2.6		72.5	-	SP17			
5		-0-						-4.8			69.3		-	SP18			
6	NE	1320		900002				-4.0		-4.0		70.1	-	SP19			
7	NE	2640		895822				-3.8		-2.1		72.0	0	SP20		STATION N-2-71	
8				2700248										CK		See Note on back	
9	SW	2640		893303				+4.73.8		-17.4	(54.6)			CA			
10	<del>SW</del>	<del>1320</del>		<del>894613</del>		2702813								CK			
11	SW	1320		894613				-4.0		+1.3		55.9	-	SP21			
12		-0-						-3.8		-3.8		50.8	-	SP22			
13	NE	1320		895956				-4.0		-4.0		50.6	-	SP23			
14	NE	2640		895354				-4.0		+1.2		55.8	0	SP24			
15				2700721										CK			
16	SW	1320		894923				+4.0		-0.4	55.4	55.4	0	CA			
17				2701219										CK			
18		-0-						-5.1				50.3	-	SP25		N-2-72	
19	NE	1320		895332				-4.0		-1.2		54.2	0	SP26			
20				2700759										0	SP27		

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WSP K 192 K

The Elevation of SP-20 is ground Elevation There  
is a pipe ~~that~~ 3 FT above ground Elevation of  
Pipe should added to SP-20 3 FT.

STADIA SURVEY NOTES

AREA ZONE A NPR-4

STATE or PROVINCE ALASKA

PAGE No. 81

LINE No.(s) 23

PARTY No. 184

DATE 31 Day 3 Mo. 74

Yr. BOOK No. 1

SURVEYOR C. RAY

RODMAN G. LOGAN 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	Correction			Center Hair	INST.			
1					P-80		L-19		B-N-2						
2												54.2	⊙	SP26	
3	SW	2640		89°59'46"				+4.0	+3.3	57.2		⊙			
4				270 01 32								⊙			
5	SW	1320		90 13 08				-4.0	-9.0		45.2	-		SP27	
6		-0-						-4.9			32.3	-		SP28	
7	NE	1320		90 45 02				-4.0	-21.3		32.9	-		SP29	
8	NE	2640		90 19 49				-4.0	-18.6		38.6	⊙		SP30	
9				269 41 51								⊙			
10	SW	165		90 36 32				+4.0	+5.7	44.3		⊙			
11		≠		269 24 50								⊙			
12		-0-						-5.0			39.3	⊙		GP30-1	
13				Ref: Page 77-A Line			5								
14															
15								SP-33	P77 L R BK 1		33.0	⊙		SP-33	
16		194		-				+3.2	+3.2	36.8		⊙			
17		90		-				-4.1			32.1	≠		SP-50 Line 18	
18		-0-		-				-4.8		<del>31.4</del>	31.4	-		N-74	
19															
20															

WORK BACK ↑

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29.9

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**STADIA SURVEY NOTES**

AREA ZONE-A NPR-4 STATE or PROVINCE ALASKA PAGE No. 77-A  
 LINE No.(s) 23 PARTY No. 189 DATE 30 Day 3 Mo. 72 Yr. BOOK No. 1  
 SURVEYOR LEIBENGOOD RODMAN AL BLASO WEATHER: CLEAR & COOL 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.			
1											19.2				
2															
3		-0-									12.2		T 31	SP	
4															
5	SW	1155		28-255'						+22.0		39.0	⊙	30+ 1 FLAG (165')	
6		1155		27+34-29									CK		
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															

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### STADIA SURVEY NOTES

AREA ZONE-A NPR-4

STATE or PROVINCE ALASKA

PAGE No. 77

LINE No.(s) 23

PARTY No. 184

DATE 30

Day 3

Mo. 71

Yr. 1

BOOK No. 1

SURVEYOR LEIBENGOOD

RODMAN AL BLASE

WEATHER: CLEAR Cool

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													12.9			
2																
3	NE	1320		90-32-02				+4.0		+15.8	28.7		Δ	} 35	SP	
4		1320		70-32-27				4.0					ck			
5																
6		-0-						-5.5			23.2		π	34	S.P	
7																
8	SW	1320		89-39-14				-4.0		+9.3		33.0	○	} 33	SP	
9		1320		270-22-19				4.0					ck			
10																
11	NE	1320		90-11-38				+4.0		+8.0	41.0		Δ	} 33	SP	
12		1320		71.9-50-57				4.0					ck			
13																
14		-0-						-4.9			36.1		π	32	S.P	
15																
16	SW	1021 1320		89-51-42				-5.0		-2.1		38.9	○	} 31	SP	
17		192 1320		270-10-54				5.0					ck			
18																
19	NE	799 1320		84-52-54				+5.0		-21.6	17.3		Δ	} 31	SP	
20		291 1320		275-08-56				5.0					ck			

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### STADIA SURVEY NOTES

AREA ZONE-A NPR-4 STATE or PROVINCE ALASKA PAGE No. 76  
 LINE No.(s) 23 PARTY No. 184 DATE 30 Day 3 Mo. 74 Yr. BOOK No. 1  
 SURVEYOR LEIBENGOOD RODMAN AL BLASE WEATHER: CLEAR & COOL 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	Correction	Center Hair			INST.	ROD			
1	<u>Take of ice level on</u>			<u>Beaufort sea</u>								<u>0.0</u>			<u>sea level</u>	
2																
3	<u>NE</u>	<u>2640</u>		<u>90-05-17</u>				<u>4.0</u>		<u>+7.1</u>	<u>7.1</u>		<u>Δ</u>	<u>40</u>	<u>S.P</u>	
4		<u>2640</u>		<u>269-57-06</u>				<u>4.0</u>					<u>CK</u>			
5																
6	<u>NE</u>	<u>1320</u>		<u>90-08-33</u>				<u>4.0</u>		<u>-7.3</u>	<u>-0.2</u>	<u>-0.2</u>	<u>-</u>	<u>39</u>	<u>S.P</u>	
7																
8		<u>-0-</u>						<u>5.1</u>			<u>2.0</u>		<u>π</u>	<u>38</u>	<u>S.P</u>	
9																
10	<u>SW</u>	<u>1320</u>		<u>89-16-13</u>				<u>5.0</u>		<u>+12.3</u>		<u>19.4</u>	<u>0</u>	<u>37</u>	<u>S.P</u>	
11		<u>1320</u>		<u>270° 46' 30" 15"</u>				<u>5.0</u>					<u>CK</u>			
12																
13	<u>NE</u>	<u>1320</u>		<u>90-00-27</u>				<u>4.0</u>		<u>+3.7</u>	<u>23.1</u>		<u>Δ</u>	<del><u>37</u></del>		
14		<u>1320</u>		<u>270-02-12</u>				<u>4.0</u>					<u>CK</u>			
15																
16		<u>-0-</u>						<u>5.2</u>			<u>17.9</u>		<u>*</u>	<u>36</u>	<u>S.P</u>	
17																
18	<u>SW</u>	<del><u>1320</u></del> <u>1320</u>		<u>90-17-29</u>				<u>4.0</u>		<u>-10.2</u>		<u>12.9</u>	<u>0</u>	<del><u>35</u></del>	<u>S.P</u>	
19		<del><u>1320</u></del> <u>1320</u>		<u>269-45-00</u>				<u>4.0</u>					<u>CK</u>			
20																

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**STADIA SURVEY NOTES**

AREA Zone-A NPR. 4 STATE or PROVINCE Alaska PAGE No. 82  
 LINE No.(s) 23 PARTY No. 184 DATE 31 Day 3 Mo. 74 Yr. BOOK No. 1  
 SURVEYOR C. Ray RODMAN G. Logan 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																	
3		750		=					+5.8	} 75.7	78.5						
4				=					+5.6								
5		-T-		=					-1.2			77.3					Top of Pipe
6					STAT. 00		N-2-71			32.20							
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	

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