

PROSPECT SWAMP LAKE BEA GRP. COUNTY _____ STATE Y.T. DATE 11 MAY 19/66 PAGE 1

SURVEYOR BENDIKSEM RODMAN JIM PARTY 598 NOTES CHK'D _____

Gravity Notes 007771

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \sin \frac{\angle}{2}$	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1										3759 ²⁴	STA # 56 3/4 3
2	Δ		228	93 ⁰⁰ '		+11 ⁹²	4 ⁰⁵	+15 ⁹⁷	3775 ²¹		ELEV = 3759 ²⁴
3			114	91 ¹⁰ '		-2 ³³	6 ⁵⁶	-8 ⁸⁹		3766 ⁸²	57
4			00	00		—	4 ⁰⁰	-4 ⁰		3771 ²¹	58
5			131	87 ²⁰ '		+6 ⁰⁹	1 ⁴³	+4 ⁶⁶		3779 ⁸⁷	59
6			231	87 ⁰⁰ '		-12 ⁰⁸	4 ⁷⁷	-16 ⁸⁸		3758 ³⁶	60
7	o		322	87 ³⁰ '		+14 ⁰⁴	5 ⁶¹	+8 ⁴³		3783 ⁶⁴	STAGI LINE LINE
8	Δ		224	91 ⁴⁰ '		+6 ⁵²	3 ⁶⁴	+10 ¹⁶	3793 ⁸⁰		STA # 2
9	o		192	93 ⁴⁰ '		-12 ²⁵	3 ²⁸	-15 ⁵³		3778 ²⁷	STA # 65
10	Δ		290	88 ¹⁰ '		-9 ²⁸	4 ³⁰	-4 ⁹⁸	3773 ²⁹		
11	o		236	92 ⁰⁰ '		-8 ²⁴	4 ⁴⁴	-12 ⁶⁸		3760 ⁶¹	STA # 70 ✓
12	Δ		223	85 ³⁰ '		-17 ⁴⁴	3 ³⁶	-14 ⁰⁸	3746 ⁵³		
13			00	00		—	3 ⁸	-3 ⁸⁰		3742 ⁷³	STA 72
14	o		81	95 ³⁰ '		-8 ³⁰	7 ⁰⁹	-15 ³⁹		3731 ¹⁴	LINE TTW 307605
15	Δ										86° 56' (STA # 87)

SWIM MARK
 PROSPECT BAC GAP COUNTY _____ STATE Y.T DATE MAY 19/66 PAGE 2
 SURVEYOR BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \text{SIN } 2 \angle$	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1										3731 ¹⁴	
2	Δ		176	92°20'		+7 ¹⁶	4 ⁹	+11 ⁶⁵	3742 ⁷⁹		LIVE TOW STAB
3			99	92°10'		-3 ⁷⁴	5 ¹²	-8 ⁸⁰		3733 ⁹³	STA 315
4			00	00		-	4 ⁸⁵	-4 ⁸⁵		3737 ⁹⁴	325
5			99	90°00'		-	5 ¹¹	-5 ¹¹		3737 ⁶⁸	335
6			197	91°10'		-3 ⁷⁴	4 ⁹⁹	-8 ⁷³		3734 ⁰⁶	345
7			296	90°50'		-4 ³²	373	-8 ⁰⁵		3734 ⁷⁴	355
8	0		398	91°10'		-8 ¹²	743	-15 ⁵⁵		3727 ⁷⁴	365
9	Δ		138	84°50'		-12 ³⁸	09 ⁴	-11 ⁴⁴	3715 ⁸⁰		
10			40	90°00'		-	15 ⁰	-15 ⁰		3714 ²⁴	375
11			01	00		-	5 ¹	-5 ¹		3710 ⁷⁰	
12			58	90°50'		-0 ⁸⁵	5 ²⁵	-6 ⁸⁰		3709 ⁰⁰	385
13			160	92°50'		-7 ⁹⁰	775	-15 ⁶⁵		3700 ¹⁵	2'SKID S 395
14			257	93°40'		-16 ⁴⁰	577	-21 ⁸⁷		3693 ⁹³	405
15	0		358	93°40'		-22 ⁹⁴	490	-27 ⁷⁴		3688 ⁰⁶	415

SWIM LANE

PROSPECT BEC GRP COUNTY _____ STATE Y.T DATE MAY 12/66 PAGE 3
A
 SURVEYOR BENDIKSEN RODMAN JLM PARTY 528 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \text{SIN } 2 \angle$	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1										3688 ⁰⁶	
2	Δ		295	85°40'		-22 ²⁴	3 ⁷⁸	-18 ⁴⁶		3669 ⁶⁰	
3			195	85°40'		+14 ⁷⁰	3 ⁰¹	+11 ⁶⁹		3681 ²³	425
4			97	86°30'		+5 ⁹²	1 ⁶⁶	+4 ²⁶		3673 ⁸⁰	435
5			00	00		—	4 ⁷	-4 ⁷		3664 ⁹⁰	445
6			129	92°50'		-6 ³⁷	6 ⁷³	-13 ¹⁶		3656 ⁴⁴	455
7	0		171	90°50'		-2 ⁵⁰	7 ²⁹	-9 ⁷⁹		3659 ⁸¹	20' SKID S → 455
8											
9											
10											
11											
12											
13											
14											
15											

SWIM LAKE

PROSPECT ~~BE~~ GRP COUNTY _____ STATE Y.T DATE MAY 19/66 PAGE 4
 SURVEYOR BENDIKSEN RODMAN JIM PARTY 528 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \sin \frac{\angle}{2}$	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1										3721 ¹⁴	REF P1, 1A
2	Δ		296	81°0'		4245 -2147	453	-37 ⁹²	3693 ²²		ELEV = 3703 ²²
3			00	00		—	380	-3 ⁸⁰		3689 ⁴²	B/L 3 76W
4	0		142	101°00'		-26 ⁶⁰	765	-34 ²³		3658 ⁹⁷	LINE 81W STA 77+42
5	Δ		214	99°10'		+15 ⁵²	563	+21 ¹⁵	3680 ¹²		22°56' 202°56'
6			154	93°40'		-9 ⁸³	567	-15 ⁵⁰		3664 ⁶²	315
7			47	90°40'		-0 ⁵⁵	782	-8 ³⁷		3671 ⁷⁵	325
8			00	00		—	51	-5 ¹		3675 ⁰²	
9			51	90°00'		—	363	-3 ⁶³		3676 ⁴⁹	335
10	0		160	88°20'		+4 ⁶⁶	567	-1 ⁰¹		3679 ¹¹	345
11	Δ		188	90°00'		—	699	+6 ⁹⁹	3686 ¹⁰		
12			93	90°00'		—	510	-5 ¹⁰		3681 ⁰⁰	355
13			00	00		—	470	-4 ⁷⁰		3681 ⁴⁰	365
14			102	90°00'		—	225	-2 ²⁵		3683 ⁸⁵	275
15	0		205	96°00'		—	580	-5 ⁸⁰		3680 ³⁰	385

SWIM LAKE

 PROSPECT BC GRP COUNTY _____ STATE Y.T DATE MAY 19/66 PAGE 5
A
 SURVEYOR BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}$ SIN \angle	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1										3680 ³⁰	
2	Δ		164	82°50'		-20 ³⁰	256	-17 ⁷⁴	3662 ⁵⁶		
3			68	85°50'		+4 ⁹³	3 ³²	+1 ⁶¹		3663 ⁶⁷	399
4			00	00		—	5'	-5'		3657 ⁴⁶	400
5			40	90°00'		—	6 ⁵⁷	-6 ⁵⁷		3655 ⁹⁹	405
6			131	92°20'		-5 ³³	4 ⁸⁰	-10 ¹³		3652 ⁴³	415
7			161	92°20'		-6 ⁵⁵	4 ⁴³	-12 ⁰⁴		3650 ⁵²	INT 8/4 HUB
8	0		261	92°10'		-9 ⁸⁷	6 ³⁰	-16 ¹⁷		3646 ³⁹	425
9	Δ		81	90°00'		—	1 ⁶⁰	+1 ⁶⁰	3647 ⁹⁹		
10			00	00		—	5'	-5'		3642 ⁸⁹	
11			22	90°00'		—	6 ²³	-6 ²³		3641 ⁷⁶	43
12	0		76	90°50'		-1 ⁴¹	7 ⁷⁴	-9 ²³		3638 ⁷⁶	43+545
13	Δ		213	84°20'		-20 ⁹⁴	3 ³³	-17 ⁶¹	3621 ¹⁵		275°35'
14	0		172	96°10'		-18 ³⁷	7 ²⁹	-25 ⁶⁶		3595 ⁴⁹	INT. LINE 85W P455
15	Δ		168	92°20'		+6 ⁸⁴	3 ⁴⁹	+10 ³²	3605 ⁸¹		275°34'

SWIM LAKE

 PROSPECT BEG GAP COUNTY _____ STATE Y.T DATE MAY 20/66 PAGE 6
 SURVEYOR A BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \text{SIN } 2 \angle$	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1									3605 ⁸¹		LINE 85W
2			58	91°10'		-068	783	-850		3597 ³⁰	445
3			00	00		—	5'	-5'		3600 ⁷¹	
4			44	89°20'		+051	153	-102		3604 ⁷⁹	435
5			117	86°10'		+780	123	+657		3612 ³⁸	425
6			146	85°20'		+1184	167	+1017		3615 ⁹⁸	INT 8/24
7		o	206	85°10'		+1730	574	+1156		3617 ³⁷	415
8	Δ		215	90°40'		+252	704	+956	3626 ⁹³		
9			138	90°00'		—	518	-518		3621 ⁷⁵	405
10			45	90°00'		—	373	-373		3623 ²⁰	395
11			00	00		—	5'	-5'		3621 ⁸³	
12			64	90°50'		-125	775	-900		3617 ⁹³	385
13			163	91°30'		-427	753	-1180		3615 ¹³	375
14			259	91°30'		-679	780	-1459		3612 ³⁴	365
15		o	354	92°20'		-1441	304	-1745		3609 ⁴⁸	355

SWIM LAKE

PROSPECT BEE GAP COUNTY _____ STATE Y.T DATE MAY 20/66 PAGE 7

SURVEYOR A BENDIKSEN RODMAN LIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}\text{SIN } 2\angle$	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1										3609 ⁴⁸	
2	Δ		206	84°40'		-19 ⁰⁸	4 ³⁹	-14 ⁶⁹		3594 ⁷⁹	345
3			104	85°30'		+8 ¹³	0 ⁹⁶	+7 ¹⁷		3601 ⁹⁶	3' SKID N 345
4			28	90°00'		—	0 ²⁸	-0 ²⁸		3594 ⁵¹	325
5			00	00		—	5'	-5'		3589 ⁶⁹	
6			64	94°00'		-4 ⁴⁵	7 ⁷¹	-12 ¹⁶		3582 ⁶³	325
7	o		156	96°40'		-17 ⁹⁹	7 ⁵⁸	-25 ⁵⁷		3569 ²²	315
8	Δ		222	78°50'		-42 ¹⁸	10 ⁹	-40 ⁵⁵		3528 ⁶⁷	R/L 3 STA 81W
9			159	79°30'		+28 ⁴⁹	2 ⁰²	+26 ⁴⁷		3555 ¹⁴	
10			88	80°20'		+14 ⁵⁷	0 ⁸⁷	+13 ⁷⁰		3542 ³⁷	305
11			65	00		—	4 ⁶⁵	-4 ⁶⁵		3524 ⁰²	295
12			101	100°00'		-17 ²⁷	7 ⁹²	-25 ¹⁹		3503 ⁴⁸	285
13			205	101°20'		-39 ⁵⁰	4 ⁷⁴	-44 ²⁴		3484 ⁴³	275
14	o		313	101°50'		-62 ⁸²	2 ²⁰	-65 ⁰²		3463 ⁶⁵	265
15	Δ		301	80°20'		-49 ⁸⁵	2 ⁵⁸	-47 ²⁷		3416 ³⁸	

PROSPECT SWIM LAKE ~~BE~~ G.R.P COUNTY _____ STATE Y.T DATE MAY 20/66 PAGE 8
 SURVEYOR A BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

	INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}$ SIN \angle	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1										3416 ³⁸		LINE 85W
2				205	80°40'		+32 ⁸²	2 ⁹⁶	+29 ³⁶		3446 ²⁴	255
3				96	81°20'		+14 ³⁰	1 ¹³	+13 ¹⁷		3429 ⁵⁵	245
4				00	00		—	4 ⁶⁰	-4 ⁶⁰		3411 ⁷⁸	6' SKID S 235
5				115	98°40'		-17 ¹⁴	7 ⁹⁰	-25 ⁰⁴		3391 ³⁴	5' " S 225
6		0		230	101°40'		-45 ⁵⁶	6 ⁴¹	-51 ⁹⁷		3364 ⁴¹	215
7		Δ		199	76°20'		-45 ⁶⁸	2 ³⁹	-43 ³⁰	3321 ¹¹		
8				95	80°10'		+15 ⁹⁹	0 ⁶⁹	+15 ³⁰		3336 ⁴¹	4' SKID H 205
9				00	00		—	4 ⁵⁴	-4 ⁵⁴		3316 ⁵⁷	195
10				94	103°30'		-21 ³⁴	4 ⁹¹	-26 ²⁵		3294 ³⁶	185
11		0		193	103°20'		-43 ³¹	3 ⁵⁸	-46 ⁸⁹		3274 ²²	16 MISLED 175
12		Δ		374	76°50'		-82 ⁹⁵	3 ⁵⁸	-79 ³⁷	3194 ⁸⁵		75
13				211	77°10'		+67 ³⁶	0 ⁷⁸	+66 ⁵⁸		3261 ⁴³	8 1/2' 2 155
14				205	77°50'		+42 ²³	1 ⁴¹	+40 ⁸²		3235 ⁶⁷	145
15				106	78°20'		+21 ⁰⁰	0 ⁷¹	+20 ²⁹		3215 ¹⁴	135

SWIM LAKE
 PROSPECT BTC GRP COUNTY _____ STATE Y.T DATE MAY 20/66 PAGE 9
 SURVEYOR A BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}$ SIN \angle	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1									3194 ⁸⁵		LINERSW
2			00	00		—	4 ⁸⁰	-4 ⁸⁰		3190 ⁰⁵	125
3			106	102°10'		-21 ⁸⁴	7 ⁸⁴	-29 ⁶⁸		3165 ¹⁷	115
4	0		219	102°10'		-45 ¹¹	5 ⁴⁸	-50 ⁵⁹ ✓		3144 ²⁶	105
5	Δ		330	79°30'		-59 ¹⁴	2 ⁴³	-56 ⁷¹ ✓	3087 ⁵⁵		
6			222	80°00'		+37 ²⁶	4 ¹⁰	+33 ⁸⁶		3121 ⁴¹	95
7			110	80°50'		+17 ³⁰	1 ⁸⁰	+15 ⁵⁰		3103 ⁰⁵	85
8			00	00		—	4 ⁸⁵	-4 ⁸⁵		3082 ⁷⁰	75
9			105	101°50'		-21 ⁰⁷	7 ⁷⁶	-28 ⁸³		3058 ⁷²	65
10			222	102°30'		-46 ⁹¹	7 ⁴⁶	-54 ³⁷		3033 ¹⁸	55
11			331	102°30'		-69 ⁹⁴	4 ⁵³	-74 ⁴⁷		3013 ⁰⁸	45
12	0		430	102°30'		-90 ⁸⁶	3 ⁶⁰	-94 ⁴⁶ ✓		2993 ⁰²	35
13	Δ		223	78°30'		-43 ⁵⁷	5 ³²	-38 ²⁵ ✓	2954 ⁰⁴		
14			114	79°00'		+21 ³⁵	1 ⁰⁷	+20 ²⁸		2975 ¹²	25
15			00	00		—	4 ⁸	-4 ⁸		2950 ⁰⁴	15

SWIM LAKE

 PROSPECT ~~BE~~ GRP. COUNTY _____ STATE Y.T DATE MAY 20/66 PAGE 10
 SURVEYOR A BENDIKSEH RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}$ SIN \angle	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1									2954 ⁸⁴		STA 84+80W 2
2	0		66	102°08'		-13 ⁴²	6 ⁶³	-20 ⁰⁵ ✓		2934 ⁷⁹	LINE 85W 0+00 S
3	A		274	101°00'		+51 ³²	7 ²⁹	+58 ⁶¹ ✓	2993 ⁴⁰		271°15'
4			199	100°00'		-34 ⁰³	7 ⁷²	-41 ⁷⁵		2951 ⁶⁵	1/2 L 82W
5			98	99°00'		-15 ¹⁴	7 ⁴²	-22 ⁵⁴		2970 ⁸⁴	83W
6			60	00		—	5'	-5'		2988 ³⁰	82W
7	0		211	96°00'		—	1 ⁴⁶	-1 ⁴⁶ ✓		2991 ⁹⁴	262°21' L-81W 0+00S
8	A		226	104°20'		+54 ⁷⁰	7 ⁵⁷	+62 ²⁷ ✓	3054 ²¹		
9			149	103°10'		-33 ⁰⁵	7 ⁶⁰	-40 ⁶⁵		3013 ⁵⁶	15
10			00	00		—	5°	-5°		3049 ²¹	25
11			99	78°40'		+19 ⁰⁸	07 ⁶	+18 ³⁰		3072 ⁵¹	35
12	0		201	76°50'		+44 ⁵⁸	1 ⁹²	+42 ⁶⁶ ✓		3096 ⁸¹	45
13	A		320	104°30'		+77 ⁵⁷	6 ¹³	+83 ⁷⁰ ✓	3180 ⁵⁷		
14			211	103°40'		-59 ⁰⁰	7 ⁶⁰	-66 ⁶⁰		3113 ⁹⁷	55
15			165	101°40'		-20 ⁸⁰	7 ⁸²	-28 ⁶²		3151 ⁹⁵	65

SWIM LAKE

 PROSPECT B.C. GRP. COUNTY _____ STATE Y.T. DATE MAY 20/66 PAGE 11
 SURVEYOR BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \text{SIN } \angle$	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1									3180 ⁵⁷		LINE 81W
2			00	00			468	-468		3175 ⁸⁹	75
3			97	78°20'		+18 ⁶⁹	162	+17 ⁰⁷		3197 ⁶⁴	85
4			198	77°10'		+42 ⁸⁹	258	+40 ³¹		3220 ⁸⁸	95
5	0		306	77°00'		+67 ⁰⁸	302	+64 ⁰⁶		3244 ⁶³	105
6	Δ		322	102°50'		+69 ⁷⁵	738	+77 ¹³	3321 ⁷⁶		
7			215	102°30'		-45 ⁴³	695	-52 ³⁸		3269 ³⁸	115
8			108	101°20'		-20 ⁸¹	718	-27 ⁹⁹		3293 ⁷⁷	125
9			00	00			440	-440		3317 ³⁶	135
10			105	75°50'		+24 ⁹²	125	+23 ⁶⁷		3345 ⁴³	145
11	0		211	74°40'		+53 ⁸¹ +19 ⁵⁴	462	+49 ¹⁹		3370 ⁹⁵	8 1/2
12	Δ		194	77°20'		-41 ⁵²	134	-40 ¹⁸	3330 ⁷⁷		273'44'
13			97	79°50'		+16 ⁸⁶	101	+15 ⁸⁵		3346 ⁶²	86°24' 3/4 2 80W
14			00	00			5'	-5'		3325 ⁶⁷	8 1/2 81W
15			76	77°10'		+16 ⁴⁶	195	+14 ⁵¹		3345 ²⁸	LINE 81W 165

SWIM LANE

PROSPECT A GRP COUNTY _____ STATE Y.T DATE MAY 21/66 PAGE 12SURVEYOR BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \text{SIN } 2 \angle$	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1									3330 ⁷⁷		
2			188	76°10'		+43 ⁶⁵	2 ¹⁸	+41 ⁴⁷		3372 ²⁴	175
3	o		299	76°10'		+69 ⁴³	3 ²⁷	+66 ¹⁶ ✓		3396 ²³	185
4	Δ		161	103°30'		+36 ⁵⁵	7 ⁷⁷	+44 ³² ✓	3441 ²⁵		
5			68	104°00'		-15 ⁹⁷	7 ⁷⁰	-23 ⁶⁷		3417 ⁵⁸	195
6			00	00			5'	-5'		3436 ¹⁵	
7			36	78°10'		+7 ²³	18 ⁰	+5 ⁴³		3446 ⁶⁸	205
8	o		150	77°20'		+32 ¹⁰	0 ⁷⁸	+31 ³² ✓		3472 ⁵⁷	215
9	Δ		192	101°40'		+38 ⁶⁴	6 ¹⁴	+44 ¹⁸ ✓	3516 ⁷⁵		
10			93	99°50'		-15 ⁶⁵	7 ⁷⁷	-23 ⁴²		3493 ³³	225
11			00	00			4 ⁸⁵	-4 ⁸⁵		3511 ⁹⁰	235
12			92	79°50'		+15 ⁹⁹	1 ²⁰	+14 ⁷⁹		3531 ⁵⁴	245
13	o		201	77°10'		+43 ⁵⁴	16 ³	+41 ⁹¹ ✓		3558 ⁶⁶	255
14	Δ		213	103°40'		+48 ⁹⁰	5 ⁸⁷	+54 ¹⁷ ✓	3613 ⁴³		
15			105	102°30'		-22 ¹⁹	7 ⁷⁷	-29 ⁹⁶		3583 ⁴⁷	265

SWIM LAKE

PROSPECT A GAP. COUNTY _____ STATE Y.T. DATE MAY 21/66 PAGE 13SURVEYOR BENDIKSEN RODMAN JIM PARTY 528 NOTES CHK'D _____







INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \sin 2 \angle$	V	ROD INT'PT	DIFF ELEV	H. I.	ELEV	REMARKS
1										3613 ⁷³	
2			00	00			465	-465		3608 ⁷⁸	275
3			113	78°30'		+22 ⁰⁸	1 ⁰⁰	+21 ⁰⁸		3634 ⁵¹	285
4	0		200	78°20'		+39 ⁶²	7 ⁹⁴	+34 ⁶⁸		3648 ¹¹	295
5	Δ		84	94°40'		+6 ⁸¹	773	+14 ⁵⁴		3662 ⁶⁵	
6	0		00	00			45	-45		3658 ¹⁵	B/L 3 (TH+2W) 305
7											277°27' REF P-4, L-4
8											ELEV=3658 ⁹⁷ TIF-0 ⁸²
9											
10										3658 ⁹⁷	B/L 3 (17+42W)
11	Δ		00	00			42	+42		3663 ¹⁷	
12	0		174	103°40'		-39 ²⁵	438	+44 ³³		3618 ⁸⁴	B/L 3 79W
13	Δ		151	75°10'		-35 ⁸³	180	-34 ⁰³		3584 ⁸¹	
14	0		181	107°40'		-52 ³⁵	625	-58 ⁶⁰		3526 ²¹	
15	Δ		170	72°30'		-48 ⁷⁶	176	-47 ⁰⁰		3479 ²¹	

SWIM LAKE
 PROSPECT A GRP COUNTY _____ STATE VT DATE MAY 21/66 PAGE 14
 SURVEYOR BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}$ SIN \angle	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1									3479 ²¹		
2			168	72°40'		+47 ⁷⁸	065	+47 ¹³		3526 ³⁴	B/L 3 82W HUB
3			00	00		—	370	-370		3475 ⁵¹	B/L 3 89W LINE (83+60W)
4			90	81°50'		+12 ⁶⁵	092	+11 ⁷³		3490 ⁷⁹	83°50' to S (180°03' to W)
5			189	80°00'		+32 ³²	237	+29 ⁹⁵		3509 ¹⁶	263°40' to N (315) 325
6	0		284	79°50'		+45 ³²	216	+43 ¹⁰		3522 ³⁷	335
7	A		202	96°10'		+21 ⁵⁷	667	+28 ²⁴	3550 ⁶¹		
8			93	93°50'		-6 ²⁰	651	-12 ⁷¹		3537 ⁹⁰	345
9			00	00		—	480	-4 ⁹⁰		3545 ⁸¹	355
10			97	87°10'		+4 ⁷⁹	160	+3 ¹⁹		3553 ⁸⁶	365
11			219	85°50'		+15 ⁸⁸	311	+12 ⁷⁷		3563 ³⁸	375
12	a		332	85°40'		+25 ⁰³	508	+13 ⁹⁵		3570 ⁵⁶	385
13	D		298	90°40'		+6 ⁹⁷	432	+11 ²⁹	3581 ⁸⁵		
14			198	90°00'		—	738	-738		3574 ⁴⁷	395
15			81	90°00'		—	395	-395		3577 ⁹⁰	B/L 4 405

SWIM LAKE

PROSPECT A GRP. COUNTY _____ STATE Y.T. DATE MAY 21/66 PAGE 15SURVEYOR BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}$ SIN \angle	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1									3581 ⁸⁵		
2			60	00		—	5'	-5'		3576 ⁷⁵	
3			22	90 ^{00'}		—	6 ²⁵	-6 ³⁵		3575 ⁵⁰	415
4			126	93 ^{40'}		-8 ⁰⁴	7 ²²	-15 ²⁶		3566 ⁵⁹	425
5			231	94 ^{20'}		-17 ⁴²	6 ⁸⁵	-24 ²⁷		3557 ⁵⁸	435
6			282	94 ^{30'}		+22 ⁰⁵	6 ²⁰	-28 ²⁵		3553 ⁶⁰	434505
7			271	94 ^{30'}		+21 ¹⁹	6 ²⁰	-27 ³⁹		3554 ⁴⁶	
8			268	84 ^{10'}		-40 ⁶⁸	4 ¹⁹	-36 ⁴⁹	3517 ⁹⁷		273 ⁴¹
9			139	100 ^{00'}		-23 ⁷⁷	7 ⁹¹	-31 ⁶⁸		3486 ²⁹	LIN ^e 93W 445 445
10			160	92 ^{06'}		+5 ⁵⁸	6 ⁹⁷	+12 ⁵⁵	3498 ⁸⁴		271 ¹⁸
11			74	91 ^{20'}		-1 ⁷²	6 ⁵⁷	-8 ²⁹		3490 ⁵⁵	435
12			40	00		—	5' ¹⁰	-5' ¹⁰		3493 ⁷⁴	
13			32	90 ^{00'}		—	4 ⁸⁰	-4 ⁸⁰		3494 ⁰⁴	425
14			131	90 ^{04'}		—	3 ⁷⁷	-3 ⁷⁷		3495 ⁰⁷	415
15			236	90 ^{10'}		-0 ⁶⁸	7 ⁴²	-8 ¹⁰		3490 ⁷⁴	BL ¹ 4 405

SWIM LAKE
 PROSPECT A GRP COUNTY _____ STATE Y.T DATE MAY 21/66 PAGE 16
 SURVEYOR BENDIKSEN RODMAN JIM PARTY 698 NOTES CHK'D _____

	INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \sin 2 \angle$	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1											3490 ⁷⁴	LINE 93 W
2	A			307	85°40'		-23 ¹⁵	367	-19 ⁴⁸	3471 ²⁶		
3				199	86°10'		+13 ²⁷	240	+10 ⁸⁷		3482 ¹³	395
4				107	86°00'		+7 ⁴⁵	129	+6 ¹⁶		3477 ⁴²	385
5				00	00		—	435	-4 ³⁵		3466 ⁹¹	375
6				90	97°30'		-11 ⁶⁵	437	-16 ⁰²		3455 ²⁴	365
7		O		194	97°30'		-25 ¹⁰	462	-29 ⁷²		3441 ⁵⁴	355
8	A			230	82°00'		-31 ⁶⁹	164	-30 ⁰⁵	3411 ⁴⁹		
9				142	83°40'		+15 ⁵⁸	081	+14 ⁷⁷		3426 ²⁶	345
10				47	88°30'		+1 ²³	1°	+0 ²³		3411 ⁷²	335
11				00	00		—	5'	-5'		3406 ³⁹	
12				54	95°30'		-5 ¹⁵	777	-12 ³²		3398 ⁵⁷	325
13				153	99°40'		-25 ³⁴	347	-28 ⁸¹		3382 ⁶⁸	315
14		O		279	92°00'		-43 ¹⁰	290	-46 ⁰⁰		3365 ⁴⁹	(P/L 3 88W) 305
15	A			213	81°40'		-30 ⁵⁴	629	-24 ²⁵	3341 ²⁴		

SWIM LAKE

PROSPECT A. G.R.P. COUNTY _____ STATE Y.T. DATE MAY 21/66 PAGE 17SURVEYOR BENDIKSEN RODMAN J.M. PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}$ SIN \angle	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1									3341 ²⁴		LINE 934
2			93	83°00'		+11 ²⁵	177	+9 ⁴⁸		3350 ⁷²	295
3			00	00		—	49	-4 ⁹		3336 ³⁴	285
4			91	99°50'		-15 ³¹	762	-22 ⁹³		3318 ³¹	275
5			191	99°40'		-31 ⁶²	330	-34 ⁹²		3306 ³²	265
6			286	100°00'		-47 ⁸⁸	415	-52 ⁰⁹		3289 ²¹	255
7	0		380	100°10'		-66 ⁰⁴	418	-70 ²²		3271 ⁰²	245
8	Δ		292	79°10'		-53 ⁹⁰	20	-51 ⁹⁰	3219 ¹²		
9			200	80°30'		+32 ⁵⁶	085	+31 ⁷¹		3250 ⁸³	235
10			107	81°50'		+15 ⁰⁴	084	+14 ²⁰		3233 ³²	225
11			00	00		—	460	-4 ⁶⁰		3214 ⁵²	215
12	0		126	99°50'		-20 ²⁰	789	-28 ⁰⁹		3191 ⁰³	205
13	N		128	81°30'		-18 ⁷¹	315	-15 ⁵⁶	3175 ⁴⁷		
14			31	83°50'		+3 ³¹	101	+2 ³⁰		3177 ⁷⁷	195
15			00	00		—	51	-5 ¹		3170 ³⁷	

SWIM LAKE

PROSPECT A. GAP COUNTY _____ STATE Y.T DATE MAY 21/66 PAGE 18SURVEYOR BENDIKSEH RODMAN JIM PARTY 598 NOTES CHK'D _____

	INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}$ SIN \angle	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1										3175 ⁴⁷		LINE 93 W
2				76	102°10'		-15 ⁶⁶	770	-23 ³⁶		3152 ¹¹	185
3		0		189	102°20'		-38 ⁴⁴	752	-45 ⁹⁶		3129 ⁶¹	175
4	A			46	83°26'		-5 ³⁰	099	-4 ³¹	3125 ²⁰		
5				00	00		—	5'	-5'		3120 ¹⁰	B/L #2
6		0		250	76°20'		+58 ⁷⁸	170	+57 ⁰⁸		3182 ²⁸	B/L #2 E LINE 89 15 S
7	A			216	103°40'		+49 ⁵³	789	+57 ⁴⁸	3239 ⁷⁶		
8				158	103°30'		-35 ⁸⁷	629	-42 ¹⁴		3197 ⁶²	165
9				61	106°20'		+10 ⁷⁷	790	-18 ⁶⁷		3221 ⁰⁹	175
10				00	00		—	5'	-5'		3234 ⁶⁶	
11				43	81°00'		+6 ⁶⁴	060	+6 ⁰⁴		3245 ⁸⁰	185
12				150	77°40'		+31 ³¹	201	+29 ³⁰		3269 ⁰⁶	195
13		0		255	76°50'		+56 ⁵⁶	129	+55 ²⁷		3295 ⁰³	205
14	A			225	104°20'		+53 ⁹⁸	296	+56 ⁹⁴	3351 ⁹⁷		
15				109	103°10'		-24 ¹⁸	763	-31 ⁸¹		3320 ¹⁶	215

SWIM LAKE

PROSPECT A. GRP. COUNTY _____ STATE Y.T. DATE MAY 21/66 PAGE 19SURVEYOR BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \sin \frac{\angle}{2}$	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1									3351 ⁹⁷		
2			00	60		—	4'	-4'		3347 ⁸¹	225
3			101	80°10'		+17°00	0 ⁹	+16°00		3368 ⁰⁶	235
4			208	79°40'		+36 ⁶⁷	4 ³⁵	+32 ³²		3384 ²⁹	245
5	0		303	79°40'		+53 ⁴⁸	5 ⁰⁷	+48 ⁴¹		3400 ³⁸	255
6	A		220	100°10'		+38 ²⁴	6 ⁹²	+45 ¹⁶	3445 ⁵⁴		
7			107	99°20'		-17 ¹³	7 ⁶⁶	-24 ⁷⁹		3420 ⁷⁵	265
8			00	00		—	4 ⁶⁵	-4 ⁶⁵		3440 ⁸⁹	275
9			102	83°10'		+12°06	0 ⁸⁵	+11°21		3456 ⁷⁵	285
10	0		204	81°16'		+30 ⁹⁷	1 ³²	+23 ⁶⁵		3475 ¹⁹	B/C 23 275
11											REF P. 14, L. 3
12											ELEV = 3475 ⁵¹ TIE-0 ⁵²
13											
14											
15											

SWIM LAKE

PROSPECT A. GRP COUNTY _____ STATE YT DATE MAY 22/66 PAGE 20SURVEYOR BENDIKSEIN RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \sin 2 \angle$	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1										3771 ³²	B/L 3 STA 50W
2	Δ		135	92°00'		+4 ⁶¹	792	+12 ⁵³		3783 ⁸⁵	59W
3			155	89°20'		+1 ⁸¹	145	+0 ¹⁶		3784 ⁰¹	LINE 69W
4	0		324	88°50'		+8 ⁰⁴	285	+5 ¹⁹		3789 ⁰⁴	STA 63W
5	Δ		209	87°50'		-7 ³⁰	232	-5 ⁵⁸		3783 ⁴⁶	65W (10'E)
6	0		456	92°00'		-15 ⁹¹	227	-18 ¹⁸		3765 ²⁸	LINE 73W
7	Δ		288	85°30'		-22 ⁵²	445	-18 ⁰⁷		3747 ²¹	STA 72
8			87	96°00'		-9 ⁰⁵	666	-15 ⁷¹		3731 ⁵⁰	LINE 77W (72+87)
9	0		384	97°40'		-49 ²⁶	635	-56 ²¹		3691 ⁰⁰	STA 76
10	Δ		143	78°40'		-27 ⁵⁶	076	-26 ⁸⁰		3664 ²⁰	
11			00	00		-	370	-370		3660 ⁵⁰	LINE 81W (77+42)
12	0		174	103°40'		-39 ⁹⁸	442	-44 ³⁷		3619 ⁸³	79W REF P. 13L
13	Δ		225	72°50'		-63 ⁴⁵	50	-58 ⁴⁵		3561 ³⁸	
14			00	00		-	40	-40		3557 ³⁸	LINE 85W (81W)
15	0		214	107°10'		-77 ²⁷	787	-85 ¹⁴		3476 ²⁴	275°51' LINE 89W

PROSPECT SWIM LAKE A GRP COUNTY _____ STATE Y.T DATE MAY 23/66 PAGE 21
 SURVEYOR BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \sin 2 \angle$	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1										3476 ²⁴	
2	A		390	72°20'		+112 ⁷⁹ ✓	3 ⁰⁹	-109 ⁷⁰	3366 ⁵⁹		
3			00	00			4 ²⁵	-4 ²⁵		3362 ²⁹	LINE 93W (88W)
4	O		249	109°50'		-79 ⁴⁸ ✓	6 ⁷⁵	-8 ²³		3280 ³¹	90W
5	A		244	72°30'		-69 ⁹⁸ ✓	1 ³⁹	-68 ⁶⁴	3211 ⁶⁷		
6			00	00		—	4 ⁵⁵	-4 ⁵⁵		3207 ¹²	305 LINE 97W (STA 8/L392W)
7	O		103	86°20'		+17 ⁰⁶	2 ⁹⁵	+14 ¹¹		3225 ⁷⁸	8814705 26136115
8	A		263	91°10'		+21 ⁶⁸	6 ⁹⁶	+28 ⁶⁴	3254 ⁴²		
9			109	93°30'		-6 ⁶⁵	7 ⁵⁴	-14 ¹⁹		3240 ²³	325
10			00	00			4 ⁷⁰	-4 ⁷⁰		3249 ⁷²	335
11			98	81°10'		+14 ⁸⁸	1 ³²	+13 ⁵⁶		3267 ⁹⁸	345
12			208	79°40'		+36 ⁷¹	1 ¹⁵	+35 ⁵⁶		3289 ⁹⁸	355
13			312	79°00		+57 ⁴⁴	2 ⁵³	+54 ⁹¹		3309 ³³	369
14	O		411	79°00'		+76 ⁹⁸ ✓	4 ⁰⁰	+72 ²⁸		3327 ⁴⁰	375
15	A		239	98°20'		+34 ²⁷ ✓	6 ⁹⁵	+41 ²²	3368 ⁶²		

SWIM LAKE

PROSPECT A. GRP COUNTY _____ STATE Y. T. DATE MAY 23/66 PAGE 22SURVEYOR BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}$ SIN \angle	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1										3368 ⁶²	
2			131	96°40'		-15 ¹⁰	772	-22 ⁸²		3346 ²⁰	385
3			27	90°00'		-	769	-769		3360 ⁹³	395
4			00	00		-	5'	-5'		3363 ⁵²	8/4" 460's
5			80	86°10'		+5 ³⁴	147	+3 ⁸⁷		3372 ⁴⁹	405
6			184	83°40'		+20 ¹⁸	245	+17 ⁷³		3386 ³⁵	415
7	0		278	83°30'		+31 ²⁸	50	+26 ²⁸		3394 ⁹⁰	425
8	D		220	91°40'		+6 ⁴⁰	762	+14 ⁰²	3408 ⁹²		
9			119	90°00'		-	739	-739		3401 ⁵³	435
10			16	90°00'		-	529	-529		3403 ⁶³	445
11			00	00		-	510	-510		3403 ⁹²	
12	D		282	104°10'		-66 ⁹²	738	-74 ³⁰		3334 ⁶²	274°57'
13	A		202	72°20'		-58 ⁴²	079	-57 ⁶³	3276 ⁹⁹		
14			00	00		-	47	-47		3272 ²⁹	LINE 101 444505
15			64	200		-	705	-705		3269 ⁹⁴	86°52' 445

3WIM LAKE

PROSPECT A. GRP COUNTY _____ STATE Y.T DATE MAY 23/66 PAGE 23

SURVEYOR BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \sin \frac{\angle}{2}$	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1									3276 ⁹²		LINE 101
2	0		164	91°10'		-3 ³⁵ ✓	749	-10 ⁸⁴		3266 ⁵⁰	3266 435
3	A		293	83°50'		-31 ²⁹ ✓	404	-27 ²⁵	3238 ⁹⁰		
4			193	84°20'		+18 ⁹⁷	201	+16 ⁹⁶		3255 ⁸²	425
5			86	84°20'		+8 ⁴⁵	112	+7 ³³		3246 ²³	415
6			00	00		—	51	-51		3233 ⁸⁰	
7			17	91°30'		-0 ⁴⁵	790	-8 ³⁵		3280 ⁵⁵	405
8			116	101°50'		-23 ²⁸	776	-31 ⁰⁴		3207 ⁸⁶	395
9	0		221	100°40'		40242 -21 ✓	768	-47 ⁸⁸		3191 ⁰²	385
10	D		434	82°40'		-54 ⁹⁴ ✓	495	-49 ⁹⁹	3141 ⁰³		
11			337	82°50'		+41 ⁷²	264	+39 ⁰⁸		3180 ¹¹	375
12			245	83°50'		+26 ¹⁷	453	+21 ⁶⁴		3162 ⁶⁷	365
13			141	84°10'		+14 ²⁶	673	+13 ⁵³		3154 ⁵⁶	355
14			44	96°00'		—	180	-1 ⁸⁰		3139 ²³	345
15			00	00		—	51	-51		3135 ⁹³	

SWIM LAKE
 PROSPECT A. GAP. COUNTY _____ STATE Y. T. DATE MAY 23/66 PAGE 24
 SURVEYOR BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

	INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}$ SIN $\frac{1}{2} \angle$	V	RDD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1										3141 ⁰³		LINE # 801
2				59	99°00'		-9 ¹²	7 ⁸⁸	-17 ⁰⁰		3124 ⁰³	335
3				169	101°20'		-32 ⁵⁷	7 ⁷⁷	-40 ⁰⁴		3100 ⁹⁹	325
4		0		268	102°30'		-56 ⁶³	7 ⁶¹	-64 ²⁴		3076 ⁷⁵	LINE INT. 127556175 315
5	A			107	85°50'		-7 ⁷⁵	0 ⁹⁰	-6 ⁷⁷	3070 ⁰²		(P/L 3' 260) 305
6				00	00		-	4 ⁶⁰	-4 ⁶⁰		3065 ⁴²	
7				74	96°10'		-7 ⁹⁰	5 ⁸⁵	-13 ⁷⁵		3056 ²⁷	295
8		0		185	97°40'		-24 ⁴⁶	6 ⁷¹	-31 ¹⁷		3038 ⁸⁵	285
9	A			166	75°30'		-40 ²⁴	1 ¹⁷	-39 ⁰⁷	2999 ⁷⁸		
10				68	79°00'		+13 ⁸³	0 ⁹²	+12 ⁹¹		3012 ⁶⁹	275
11				00	00		-	5 ¹	-5 ¹		2994 ⁶⁸	
12				21	102°30'		-4 ⁴⁴	7 ⁹³	-12 ³⁷		2987 ⁴¹	265
13				109	95°50'		-11 ⁰²	7 ⁵⁴	-18 ⁵⁶		2981 ²²	255
14		0		178	93°40'		-11 ³⁶	7 ⁰⁹	-18 ⁴⁵		2981 ³³	255
15	A			260	80°50'		-40 ⁹⁰	8 ⁶⁸	-40 ²²	2941 ¹¹		

SWIM LAKE

PROSPECT A.G.P. COUNTY _____ STATE Y.T. DATE MAY 23/66 PAGE 25SURVEYOR BENDIKSEN RODMAN J.M. PARTY 598 NOTES CHK'D _____

	INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}$ SIN \angle	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1										2941 ¹¹		
2				218	82°00'		+30 ⁰⁴	113	+28 ⁹¹		2970 ⁰²	245
3				116	83°30'		+13 ⁰⁵	7 ⁷¹	+5 ³⁴		2946 ⁴⁵	235
4				60	00			455	-455		2936 ⁵⁶	225
5		0		86	96°40'		-9 ⁹²	7 ⁶⁵	-17 ⁵⁷		2923 ⁵⁴	215
6		A		204	82°40'		-25 ⁸³	4 ⁸⁰	-21 ⁰³	2902 ⁵¹		
7				95	85°50'		+9 ⁰⁰	170	+7 ⁹⁰		2910 ⁴¹	205
8				00	00			460	-460		2897 ⁹¹	195
9				97	92°20'		-3 ⁹⁵	427	-8 ²²		2894 ²⁹	185
10		0		155	92°50'		-7 ⁶⁶	336	-11 ⁰²		2891 ⁴⁹	17405
11		D		210	98°10'		+29 ⁵³	710	+36 ⁶³	2928 ¹²		270°06'
12		0		207	77°50'		+42 ⁶⁴	132	+41 ³²		2969 ⁴⁴	
13		A		14	89°40'		-0 ⁰⁸	775	+7 ⁶⁷	2977 ¹¹		
14				00	00			4 ⁵⁰	-4 ⁵⁰		2972 ⁶¹	269°16' LINE 97 175
15				109	84°50'		+9 ⁷⁸	151	+8 ²⁷		2985 ³⁸	185

SWIM LAKE

PROSPECT A.G.P. COUNTY _____ STATE Y.T DATE MAY 23/66 PAGE 26SURVEYOR BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}$ SIN \angle	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1									2977 ¹¹		LINE 97
2			214	82°30'		+27 ⁶⁹	153	+26 ¹⁶		3003 ²⁷	195
3	o		310	82°00'		+42 ⁷²	224	+40 ⁴⁸		3017 ⁵⁹	205
4	A		292	101°20'		+57 ⁸⁵	734	+65 ¹⁹	3082 ⁷⁸		
5			196	101°10'		-37 ²⁴	730	-44 ⁵⁴		3038 ²⁴	215
6			99	100°10'		-17 ²¹	770	-24 ⁹¹		3057 ⁸⁷	225
7			00	00			450	-450		3078 ²⁸	235
8	o		102	78°00'		+20 ⁷⁵	185	+18 ⁹⁰		3101 ⁶⁸	245
9	A		119	97°10'		+14 ⁷³	723	+21 ⁹⁶	3123 ⁶⁴		
10			20	91°20'		-047	779	-9 ²⁶		3115 ³⁸	255
11			00	00			5'	-5'		3118 ⁵⁴	
12			88	81°30'		+12 ⁸⁷	229	+10 ⁵⁸		3134 ²²	265
13	o		191	77°40'		+39 ⁸⁶	351	+36 ³⁵		3159 ⁹⁹	275
14	A		175	96°30'		+19 ⁶⁹	770	+27 ³⁹	3187 ³⁸		
15			80	102°50'		-17 ³³	780	-25 ¹³		3162 ²⁵	285
			00	00			5'	-5'		3182 ²⁸	

PROSPECT SWIM LAKE COUNTY _____ STATE Y.T. DATE MAY 29/66 PAGE 27
A.G.P.
 SURVEYOR BENDIKSEN RODMAN JIMI PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}\text{SIN } 2\angle$	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1									3187 ³⁸		
2			18	90°00			2 ³⁹	-2 ³⁹		3184 ³⁹	295
3	0		115	77°30'		+24 ³⁰	36 ³	+20 ⁶⁷		3208 ⁵¹	1/2 3 30 S REF P-21, 6
4											ELEV=3207 ¹² TIE + 0 ⁹⁷
5											
6										3208 ⁰⁵	LINE 97W 30 S
7	Δ		327	71°46'		-27 ⁶⁴	43 ⁸	-23 ²⁶	3114 ⁷⁹		REF P-27, 2-3 ELEV=3207 ⁰⁵
8	\otimes		138	108°20		+41 ²¹	76 ⁷	+48 ⁸⁸		3065 ⁹⁸	LINE 101W (STA 96W)
9	\otimes	0	298	109°10'		-92 ⁴¹	73 ⁰	-99 ⁷¹		3015 ⁰⁸	
10	Δ		288	70°50'		-89 ³¹	21 ³	-87 ¹⁸	2927 ³⁰		
11			100	00		—	5 ⁰⁰	-5 ⁰⁰		2922 ³⁰	LINE 105W 30 S \checkmark 1/2 3100 W
12			66	70°50'		+20 ⁹⁷	48 ⁷	+15 ⁶⁰		2943 ⁵⁰	81°40' S 261° N 315
13	0		86	90°00'		—	6 ⁵⁶	-6 ⁵⁶		2921 ³⁴	295
14	Δ	\otimes	298	83°30'		-33 ⁵³	39 ⁵	-29 ⁵⁸	2891 ⁷⁶		295
15			200	85°10'		+16 ⁹⁰	116	+15 ⁶⁴		2907 ⁴⁰	285

SWIM LAKE

 PROSPECT A.G.A.P. COUNTY _____ STATE Y.T. DATE MAY 24/66 PAGE 28
 SURVEYOR BENDIKSEN RODMAN JIM PARTY 528 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}$ SIN \angle	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1									2891 ⁷⁶		LINE # 105W
2			108	88°30'	+2 ⁸³	2 ⁸²	+0 ⁰¹		2891 ⁷⁷		275
3			00	00	—	4 ⁷⁵	-4 ⁷⁵		2887 ⁰¹		265
4			101	102°50'	-21 ⁸⁸	7 ²⁰	-29 ⁰⁸		2862 ⁶⁸		255
5			210	105°00'	-52 ⁵⁰	7 ⁸⁰	-60 ³⁰		2831 ⁴⁶		245
6	0		310	99°50'	-52 ¹⁷	7 ³⁷	-59 ⁵⁷		2832 ²²		235
7	A		291	82°20'	-38 ⁴⁷	3 ⁰⁷	-35 ⁴⁰	2796 ⁸²			
8			197	83°10'	+23 ²⁹	3 ²³	+20 ⁰⁶		2816 ⁸⁸		225
9			96	84°10'	+9 ⁷¹	2 ²⁶	+7 ⁴⁵		2804 ²⁷		215
10			00	00	—	4 ⁷⁵	-4 ⁷⁵		2792 ⁰⁷		205
11			101	95°20'	-9 ³⁵	7 ⁶⁸	-17 ⁰³		2779 ¹⁹		195
12	0		181	73°10'	-9 ⁹⁹	7 ⁸³	-17 ⁸²		2779 ⁰⁰		B/L 2 18+205
13	A										
14											
15											

PROSPECT SWIM LAKE
A-G.R.P. COUNTY _____ STATE P.T DATE MAY 24/66 PAGE 29

SURVEYOR BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \sin \frac{\angle}{2}$	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1										2943 ⁵⁰	LINE 105W 3/S
2	A		199	103°10'	X	+44 ¹⁴	7'	+51 ²⁴	2994 ⁷⁴		REF P-27, L-12 ELEV=2943 ⁵⁰
3			99	104°10'		-23 ⁴⁹	7 ⁴⁷	-30 ⁹⁶		2963 ⁷⁸	325
4			00	00		—	4'	-4'		2990 ⁶⁴	335
5	O		91	82°20'		+12 ⁰³	3 ²⁹	+2 ⁷⁴		3003 ⁴⁸	345
6	A		143	95°40'		+14 ⁰⁶	6 ⁴⁸	+20 ⁵⁴	3024 ⁰²		345
7			50	91°10'		-6 ¹⁹	7 ⁶⁶	-13 ⁸⁵		3010 ¹⁷	355
8			00	00		—	5'	-5'		3018 ⁹²	
9			52	83°50'		+5 ⁵⁵	1 ⁸¹	+3 ⁷⁴		3027 ⁷⁶	365
10	O		152	78°10'		+30 ⁵¹	2 ⁴⁶	+28 ⁰⁵		3052 ⁰⁷	375
11	A		336	96°10'		+35 ⁸⁸	7 ⁷⁶	+43 ⁶⁴	3095 ⁷¹		
12			232	96°00'		-24 ¹³	7 ⁶⁰	-31 ⁷³		3063 ⁹⁸	385
13			132	95°00'		-11 ⁴⁶	5 ⁸⁶	-17 ³²		3078 ³⁹	395
14			29	90°00'		—	5 ⁴²	-5 ⁴²		3090 ²⁹	405
15			00	00		—	5'	-5'		3090 ⁶¹	

SWIM LAKE

PROSPECT A.G.P. COUNTY _____ STATE Y.T. DATE MAY 24/66 PAGE 30SURVEYOR BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}$ SIN $\frac{1}{2} \angle$	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1									3095 ⁷¹		
2			82	87°00'		+4 ²⁹	054	+3 ⁷⁵		3099 ⁴⁶	415
3			177	84°20'		+17 ⁴⁰	185	+15 ⁵⁵		3111 ²⁶	425
4	0		283	83°30'		+31 ⁸⁴	194	+29 ⁹⁰		3125 ⁶¹	435
5	A		250	96°50'		+29 ⁵⁵	708	+36 ⁶³	3162 ²⁴		
6			139	96°10'		-14 ⁸⁵	468	-19 ⁵³		3142 ⁷¹	445
7			52	95°50'		-5 ²⁶	774	-13 ⁰⁰		3149 ²⁴	455
8			00	00		—	5'	-5'		3157 ¹⁴	
9	0		455	109°30'		-143 ¹⁹	667	-149 ⁸⁶		3012 ³⁸	LINE 109W 274°43' 45+505
10	A		144	86°20'		-9 ¹⁹	148	-7 ⁷¹	3004 ⁶⁷		87°03'
11			104	87°00'		+5 ⁴⁴	138	+4 ⁰⁶		3008 ⁷³	455
12			00	00		—	485	-4 ⁸⁵		2999 ⁸²	445
13			93	90°00'		—	158	-158		3003 ⁰⁹	435
14	0		176	89°50'		+0 ⁵¹	647	+5 ³⁶		2998 ⁷¹	425
15	A		180	86°30'		-10 ⁹⁸	488	-6 ¹⁰	2992 ⁶¹		

SWIM LAKE
 PROSPECT A.G.P. COUNTY _____ STATE VT DATE MAY 24/66 PAGE 31


SURVEYOR BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

	INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}$ SIN $\frac{\angle}{2}$	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1										2992 ⁶¹		
2				77	90°00'		—	0 ⁶⁹	-0 ⁶⁹		2991 ⁹²	415
3				00	00		—	5 ¹	-5 ¹		2987 ⁵¹	
4				50	90°40'		-0 ⁵⁹	7 ⁷⁶	-8 ³⁵		2984 ²⁶	405
5				139	94°50'		-11 ⁶⁸	7 ⁸⁵	-19 ⁵³		2973 ⁰⁸	395
6		0		244	94°10'		-17 ⁶⁹	7 ³⁵	-25 ⁰⁴		2967 ⁵⁷	385
7	A			99	82°50'		-12 ²⁶	4 ⁹⁸	-7 ²⁸	2960 ²⁹		
8				00	00		—	4 ⁷⁵	-4 ⁷⁵		2955 ⁵⁴	375
9				101	103°40'		-23 ¹⁹	7 ⁵³	-30 ⁷²		2929 ⁵⁷	365
10				135	104°00'		-45 ⁷⁹	7 ⁶⁷	-53 ⁴⁶		2906 ⁹³	355
11				296	104°20'		-71 ⁰¹	7 ⁸⁰	-78 ¹¹		2881 ⁴⁸	345
12		0		398	103°50'		-92 ⁴²	7 ²¹	-99 ⁶³		2860 ⁶⁶	335
13	A			73	89°30'		-0 ⁶⁴	2 ⁷¹	+2 ⁰⁷	2862 ⁷³		
14				00	00		—	5 ¹	-5 ¹		2857 ⁶³	
15				35	99°30'		-5 ⁷⁰	7 ⁸⁴	-13 ⁵⁴		2849 ¹⁹	325

SWIM LAKE

PROSPECT A.G.P. COUNTY _____ STATE Y.T DATE MAY 29/66 PAGE 32

SURVEYOR BENDIKSEM RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \text{SIN } 2 \angle$	V	ROD INTCPY	DIFF ELEV	H. I.	ELEV	REMARKS
1										2862 ⁷³	
2			139	101 ⁴⁰ '		-2754	761	-35 ¹⁵		2827 ⁵⁸	315
3			180	102¹⁰'		—	690				B/L 3  303
4	0		237	101 ¹⁰ '		-45 ⁰³	750	-52 ⁵³		2810 ²⁰	303
5	Δ		233	106 ⁰⁰ '		+61 ⁷⁵	716	+68 ⁹¹	2879 ¹¹		
6	0		184	73 ⁴⁰ '		+4966	668	+42 ²⁸		2922 ⁰⁹	REF P. 27 L-11 ELEV =
7											2922 ⁹⁰ TIE - 0 ⁸¹
8											
9											
10											
11											
12											
13											
14											
15											

SWIM LAKE
 PROSPECT A.G.R.P. COUNTY _____ STATE K.S. DATE MAY 25/66 PAGE 33
 SURVEYOR BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}$ SIN $\frac{1}{2} \angle$	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1											STA 104 W
2	Δ		23	90°00'		—	2 ¹⁷	+2 ¹⁷	2812 ³⁷	2810 ²⁰	LINE 109 W 30 S
3	\bullet		82	92°10'		-3°10'	7 ⁷¹	-10 ⁸¹		2801 ⁵⁴	REF P. 32 L. 4 ELEV: 2810 ²⁰
4	o		181	93°30'		-11°04'	6 ²¹	-17 ²⁵		2795 ¹²	29 S
5	Δ		181	93°30'		+11°04'	6 ²⁴	+17 ²⁸	2812 ⁴⁰		20 S
6	o		23	90°00'		—	2 ¹⁸	-2 ¹⁸		2810 ²²	
7											REF P. 32 L. 4 ELEV: 2810 ²⁰
8										2810 ²⁰	STA 104 W LINE 109 W
9	Δ		464	79°00'		-86°31'	242	-84 ⁴⁹	2725 ⁷¹		30 S
10			00	00		—	4 ⁶⁰	-4 ⁶⁰		2721 ¹¹	LINE 113 W 30 S 82°40'
11			120	95°10'		-37°67'	7 ⁵⁶	-45 ²³		2680 ⁴⁸	LINE 119 W 30 S
12			103	89°00'		+1°80'	2 ⁶⁵	-0 ²⁵		2725 ⁴⁶	LINE 113 W 31 S
13	o		201	87°50'		+7°60'	144	+6 ¹⁶		2731 ⁸⁷	32 S
14	Δ		214	102°10'		+44°08'	7 ³²	+51 ⁴⁰	2783 ²⁷	2777 ¹¹	
15			115	101°00'		-21°54'	7 ⁶⁵	-29 ¹³		2754 ⁰⁸	33 S

SWIM LAKE

PROSPECT A.G.P. COUNTY _____ STATE V.T. DATE MAY 25/66 PAGE 34SURVEYOR BENDIKSEN RODMAN JIM PARTY 598 NOTES CHK'D _____

	INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}\text{SIN } \angle$	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1										2783 ²⁷		
2				14	91°20'		-033	777	-8 ¹⁰		2775 ¹⁷	345
3				00	00		—	5'	-5 ¹⁰		2778 ¹⁷	
4				88	74°10'		+23 ¹⁰	3 ⁰	+20 ¹⁰		2803 ³⁷	355
5		0		190	69°30'		+62 ³⁴	0 ⁹⁶	+61 ³⁸		2844 ⁶⁵	365
6												
7												REF P-33, L-11, ELEV: 2600 ⁴⁸
8											2680 ⁴⁸	LINE 119W 30 ⁹
9	0			376	87°10'		-1709	167	-15 ⁺²	2665 ⁰⁶		81°58'
10				263	87°20'		+12 ²³	240	+9 ⁸³		2674 ⁸⁹	315
11				176	88°10'		+563	288	+2 ⁷⁵		2667 ⁸¹	325
12				75	70°00'		—	164	-16 ⁴		2663 ⁺²	335
13				00	00		—	5'	-5'		2659 ⁹⁶	
14				30	90°00'		—	682	-682		2658 ²⁴	345
15				129	89°20'		+151	196	-0 ⁺⁵		2664 ⁶¹	355

SWIM LAKE

PROSPECT A-GRP. COUNTY _____ STATE Y.T DATE MAY 25/66 PAGE 35SURVEYOR BENDIKSEM RODMAN JIM PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}$ SIN \angle	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1									2665 ⁰⁶		
2			233	85°30'		+18 ²²	2 ⁷⁹	+15 ⁴³		2680 ⁴⁹	365
3			330	85°30'		+25 ⁸¹	5 ⁶²	+20 ¹⁹		2685 ²⁵	375
4			434	85°20'		+35 ²⁰	5 ²⁷	+29 ⁹³		2694 ⁹⁹	385
5	0		534	85°20'		+43 ³¹	4 ¹⁶	+39 ¹⁵		2704 ²¹	395
6	D		236	94°10'		+17 ¹¹	2 ⁹⁰	+20 ⁰¹	2724 ²²		
7			134	94°10'		-9 ⁷²	6 ¹³	-15 ⁸⁵		2708 ³⁷	405
8			38	90°00'		—	7 ⁴³	-7 ⁴³		2716 ⁷⁹	415
9			00	00		—	5 ¹⁰	-5 ¹⁰		2719 ¹²	
10			56	85°00'		+48 ⁶	1 ⁰⁴	+3 ⁸²		2728 ⁰⁴	425
11	0		158	80°50'		+24 ⁸⁵	3 ⁸²	+21 ⁰³		2745 ²⁵	435
12	D		120	82°00'		-16 ⁵⁴	3 ⁹⁸	-13 ⁰⁶	2732 ¹⁹	2732	
13			13	90°00'		—	2 ⁸⁰	-2 ⁸⁰		2729 ³⁹	445
14			00	00		—	5 ¹	-5 ¹		2727 ⁰⁹	
15			92	93°00'		-4 ⁸¹	7 ⁶⁸	-12 ⁴⁹		2719 ⁷⁰	455

SWIFT LAKE

PROSPECT A. GRP COUNTY _____ STATE YIT DATE MAY 25/66 PAGE 36

SURVEYOR BENDIKSEM RODMAN LIM PARTY 328 NOTES CHK'D _____

	INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \sin \frac{\angle}{2}$	V	ROD INTCPY	DIFF ELEV	H. I.	ELEV	REMARKS
1										2680 ¹⁹	2680 ¹⁹	LIN 113 305
2	Δ			56	90°40'		+0.66	788	+8.50	2688 ²⁸		
3				00	0		-	5'	-5'	2683 ⁸⁸		
4				53	90°00'		-	146	-146	2687 ⁵²		295
5		0		151	85°50'		+10.95	124	+9.71	2698 ⁶⁹		285
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												

4/66

PROSPECT SWIFT BRICK A GRP. COUNTY _____ STATE V.T. DATE MAY 20th 66 PAGE 37
 SURVEYOR BENDIKSEN RODMAN JIM PARTY 538 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \sin \frac{\angle}{2}$	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1										3547 ⁶⁶	LINCOLN ST
2	D		95	78°20'		-18 ⁸²	2 ⁴⁷	-16 ³⁵	3531 ³¹		
3			18	90°00'		—	063	-0 ⁶³		3530 ⁶⁸	105
4	0		172	86°30'		+10 ⁴⁰	2''	+8 ³⁸		3539 ⁶⁹	271°22' S.II TOP OF MAIL
5			122	86°20'		+7 ⁷⁸	5 ¹⁹	+2 ⁵⁹		3533 ⁹⁰	GROUND
6	A		00	00		—	2 ³⁵	+2 ³⁵	3542 ⁰⁴		
7			95	78°10'		+19 ⁰⁷	3 ³¹	+15 ⁷⁶		3557 ⁸⁰	268°16' 1 S
8			184	78°20'		+36 ⁴⁵	3 ⁴⁸	+32 ⁹¹		3515 ⁰¹	2 S
9			290	78°10'		+58 ²⁰	4 ⁸⁸	+53 ³²		3595 ³⁶	3 S
10			390	78°00'		+79 ³³	4 ⁸⁸	+74 ⁴⁵		3616 ⁴⁹	4 S
11			100	101°30'		-19 ⁵⁴	7 ⁷⁰	-27 ²⁹		3514 ⁸⁰	114
12	0		210	104°20'		-50 ³⁸	6 ⁰²	-58 ⁴⁰		3485 ⁴⁹	2 rd
13											
14											
15											

— 0⁹⁴ ON ALL ELEVATIONS

PROSPECT SWIM LAKE COUNTY _____ STATE Y.T DATE MAY 30/66 PAGE 38
A. GRP

SURVEYOR BENDIKSEN RODMAN JIM PARTY 528 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}\text{SIN } 2\angle$	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1										3555 ¹⁴	LINE 85-A REF P. 7, 6-9
2	A		256	70°20'		-81 ¹³	275	-78 ³⁸	3476 ⁷⁶		ELEV = 3555.14
3			158	71°00'		+48 ⁷⁶	285	+46 ¹¹		3522 ⁸⁷	1W
4			52	74°10'		+13 ⁶⁵	120	+12 ⁴⁵		3489 ²¹	2W
5			00	00		—	5'	-5'		3471 ⁶⁶	
6			47	105°40'		-12 ⁶²	767	-20 ²⁹		3456 ⁴⁷	3W
7			146	106°40'		-40 ¹²	738	-47 ⁵⁰		3429 ²⁶	4W
8	0		251	106°20'		-67 ⁷⁴	738	-75 ¹²		3401 ⁶⁹	5W
9	0		360	107°16'		-101 ⁵²	758	-109 ¹⁰		3367 ⁶⁶	6W
10	Δ		00	00		—	452	+452	3406 ¹⁶		(STA SW)
11			202	109°40'		-64 ⁰¹	785	-71 ⁸⁶		3334 ³⁰	7W
12	0		253	110°00'		-81 ³¹	788	-89 ¹⁹		3316 ⁹⁷	
13											
14											
15											

	INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \text{SIN } 2 \angle$	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1												
2	Δ		$0^{\circ} 00'$	398	$87^{\circ} 00'$		+20.82	6.54	27.47			
3		-		-	-		-	4.62				
4		-		97	$98^{\circ} 00'$		13.68	2.09				
5		\odot	$89^{\circ} 03'$	197	$100^{\circ} 00'$		33.68	2.39				
6	Δ			303	$78^{\circ} 00'$		61.60	10.83				
7		-		203	$79^{\circ} 00'$		38.00	11.12				
8		-		102	$52^{\circ} 00'$		14.05	11.75				
9		-		4	-		5	5.55				
10		-		98	$99^{\circ} 00'$		15.10	1.35				
11		-		201	$100^{\circ} 00'$		34.40	5.34				
12	Δ	\odot		301	$100^{\circ} 00'$		51.47	5.52				
13	Δ	-		128	$81^{\circ} 00'$		19.78	6.82				
14		-		30	$90^{\circ} 00'$		-	9.22				
15		-		72	$95^{\circ} 00'$		6.25	2.70				

PROSPECT Swim Lake COUNTY _____ STATE Y.T. DATE 4th Aug 65 PAGE 1

SURVEYOR DA Nowall RODMAN Frank Charlie PARTY 538 NOTES CHK'D _____

	INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \sin \frac{\angle}{2}$	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1	Δ		00°00'	825	-	-		2.97		3002.97	3000.00	Line 1E at Hub O
2		✓	00°53'	808	-	-		6.81			2996.16	W.L. Swim Lake
3		✓	328°09'	1030	-	-		6.83			2996.14	W.L. Line 8 E
4		-	305°08'	1032	-	-		6.77			2996.20	W.L. " 13 E
5		⊙	284°05'	1703	-	-		6.89			2996.08	W.L. " 16 E.
6	Δ		130°12'	11	-	-		8.75		3004.83		
7		⊙	329°41'	38	-	-		3.01			3001.82	16 E - 6 S.
8	Δ		^A 169°41'	-	-	-		4.57		3006.39		
9		-		100	91°00'		1.74	0.38	11.36		3007.75	16 E - 7 S
10		⊙	314°50'	199	93°00'		10.40	2.44	7.96		3014.35	16 E - 8 S
11	Δ		134°50'	284	81°00'		19.78	5.07	24.85	3039.20		
12		-	"	190	86°00'		13.40	5.51	18.91		3020.29	16 E - 9 S
13		✓	"	103	-			11.49			3027.71	16 E - 10 S
14		-	-	4	-			3.92			3035.29	16 E 11 S
15		-	314°50'	181	94°00'		12.65	5.26	7.39		3046.59	16 E 13 S

	INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \text{SIN } \angle$	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1										3039.70		
2		⊙	315° 00'	261	94° 00'		-	3.29			3054.10	16 E-14 S
3	Δ		135° 00'	-	-		-	4.30		3058.49		
4		-	315° 00'	102	98° 00'		14.05	2.91	11.14		3069.63	16 E-15 S
5		-	314° 44'	203	99° 00'		31.40	4.94	26.46		3084.95	16 E-16 S
6		-	314° 50'	300	99° 00'		46.40	4.45	41.95		3100.44	16 E-17 S
7		-	37° 21'	68	-		-	3.16			3055.33	2-16 E
8		⊙	38° 20'	164	94° 00'		11.40	4.50	6.90		3065.39	2-15 E
9	Δ		218° 20'	00	-		-	4.64		3070.03		
10		-	39° 31'	103	97° 00'		12.45	2.47	9.98		3080.01	2-14 E
11		-	39° 03'	203	99° 00'		31.40	3.77	27.63		3097.60	2-13 E
12		-	39° 03'	302	77° 00'		46.60	3.50	43.10		3113.13	2-12 E
13		⊙	39° 10'	400	99° 00'		61.80	6.15	55.65		3125.78	2-11 E
14	Δ		219° 10'	-	-		-	4.87		3130.65		
15			39° 26'	100	95° 00'		8.68	2.50	6.18		3136.83	2-10 E

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \text{SIN } \angle$	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1									3130.65		
2	✓	39° 26'	201	96° 00'		20.90	5.92	16.98		3147.63	2-9 E
3	✓	39° 34'	300	96° 00'		31.20	5.48	25.72		3156.37	2-8 E
4	-	39° 34'	400	96° 00'		41.60	5.90	35.70		3166.35	2-7 E
5	-	39° 33'	501	96° 00'		52.20	3.91	48.29		3178.94	2-6 E Hub
6	-	304° 33'	43'	-		-	3.40			3127.25	13E 15 ²
7	-	304° 14'	142	-		-	3.23			3127.42	13E 16S
8	✓	304° 06'	246	-		-	1.59			3129.06	13E 17S Hub
9	-	123° 57'	89	-		-	10.60			3120.05	13E 15'S
10	⊙	124° 13'	181	86° 00'		12.59	10.45	23.04		3107.61	13E 14S
11	Δ	304° 13'	-	-		-	4.03		3111.64		
12	-	123° 32'	95	86° 00'		9.87	11.05	20.92		3090.72	13E-13S
13	⊙	123° 16'	185	91° 30'		27.03	3.37	30.40		3081.24	13E-12S
14	Δ	303° 16'	-	-		-	4.32		3085.56		
15	-	125° 34'	91	87° 00'		4.75	13.50	18.25		3067.31	13E-11S

	INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}\text{SIN } \angle$	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1										3085.56		
2	⊙	⊙	125° 24'	188	92° 00'		25.87	3.35	29.22		3056.34	13E-10S
3	Δ		305° 24'	200	92° 00'		6.98	1.26	5.72	3050.62		
4		/		101	269° 00'		1.76	3.34	1.58		3049.04	13E-9S
5		/		00	-		-	4.75	4.75		3045.87	13E-8S
6		/		101	-		-	11.91	11.91		3038.71	13E-7S
7		/		-								-
8		⊙	125° 16'	201	275° 00'		17.42	4.30	21.72		3028.90	13E-6S
9	Δ		305° 16'	-	-		-	4.94	4.94	3033.84		
10		/		99	81° 00'		15.30	4.30	19.60		3014.24	13E-5S
11		/		195	81° 00'		30.10	3.03	33.13		3000.71	13E-4S
12		⊙	125° 06'	244	82° 00'		33.60	4.19	37.79		2996.05	Hub at Lake W.L.
13												
14												
15												

	INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \sin \frac{\angle}{2}$	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1											2996.14	Hubat Lake W.L. Line 8E
2	Δ		148° 09'	3	-		-	5.10	5.10	3001.24		
3		-		38	-		-	3.11	3.11		2998.13	8E-3S
4		-		130	102° 00'		26.40	4.79	21.61		3022.85	8E-4S
5		○	134° 12'	241	102° 00'		48.98	3.96	45.02		3046.26	8E-5S
6	Δ		314° 12'	290	82° 00'		39.97	8.58	48.55	3094.81		
7		-		198	276° 00'		20.60	10.11	30.71		3064.10	8E 6S
8		-		100	276° 00'		10.40	5.18	15.58		3079.93	8E 7S
9		-		00	-		-	4.89	4.89		3089.92	8E 8S
10		-		107	93° 00'		5.60	3.01	2.59		3097.40	8E-9S
11		-		210	94° 00'		14.60	3.58	11.02		3105.83	8E 10S
12		○	134° 38'	302	96° 00'		31.40	4.32	27.08		3121.89	8E 11 S Hub
13	Δ		314° 30'	00	-		-	4.08	4.08	3125.97		
14		-		92	103° 00'		20.15	3.53	16.52		3142.49	8E 12S
15		○	134° 45'	187	103° 00'		40.95	1.91	39.04		3165.01	8E 13S

	INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}\text{SIN}$ $2 \angle$	V	RDD INTCPY	DIFF ELEV	H. I.	ELEV	REMARKS
1											3165.01	8E-135
2	Δ		314° 45'	34	-		-	10.14	10.14	3175.15		
3		-		58	-		-	3.82	3.82		3171.33	8E-145
4		\odot	134° 14'	159	-		-	4.62	4.62		3170.53	8E-155
5	Δ		314° 14'	00	-		-	4.65	4.65	3175.18		
6		\odot	227° 56'	68	95° 00'		5.90	1.08	4.82		3180.00	2-6E Hub
7												
8												
9												
10												
11												
12												
13												
14												
15												

PROSPECT Swim Lake COUNTY _____ STATE Y.T. DATE 5th Aug 65 PAGE 7

SURVEYOR D.A. Wannell RODMAN Alfred Charlie PARTY E98 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \frac{V}{V \pm V}$	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1										3100.44	16 E - 17 S Hub
2	Δ	00° 00'	00	-	-		4.29	4.29	3104.13		
3	-		98	98° 00'	13.50		2.02	11.48		3116.21	16 E - 18 S
4	-		200	100° 00'	34.20		5.03	29.11		3133.90	16 E 19 S
5	⊙	180° 10'	297	100° 00'	50.80		2.37	48.43		3153.16	16 E 20 S
6	Δ	00° 10'	00	-	-		4.51	4.51	3157.67		
7	-		108	104° 00'	25.35		2.93	22.42		3180.09	16 E 21 S
8	-		203	105° 00'	50.75		3.74	47.01		3204.68	16 E 22 S
9	⊙	186° 43'	304	105° 30'	78.35		3.20	75.15		3232.82	16 E 23 S
10	Δ	00° 42'	00	-	-		4.44	4.44	3237.26		
11	-		92	105° 00'	23.00		4.15	18.85		3256.11	16 E 24 S
12	⊙	186° 17'	210	105° 30'	54.09		2.63	51.45		3289.71	16 E 25 S
13	Δ	00° 17'	00	-	-		4.56	4.56	3293.27		
14	-		98	106° 00'	25.95		3.76	22.19		3315.46	16 E 26 S
15	⊙	186° 26'	200	107° 00'	55.92		5.55	50.37		3343.64	16 E 27 S

	INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \sin \frac{\angle}{2}$	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1	Δ		$00^{\circ} 26'$	00	-		-	4.58		3348.21	3343.64	16 E-27 S
2		/		101	$102^{\circ} 00'$		20.55	1.66			3367.11	16 E 28 S
3		/		200	$102^{\circ} 30'$		42.32	3.84			3386.73	16 E 29 S
4		⊙	$180^{\circ} 45'$	300	$102^{\circ} 30'$		63.45	7.56			3404.11	3 - 16 E
5	Δ		$00^{\circ} 45'$	00	-		-	4.66		3408.77		8
6		/		99	$86^{\circ} 00'$		6.89	8.02			3393.86	3 - 15
7		/		194	$86^{\circ} 00'$		13.50	9.25			3386.02	3 - 14
8		⊙	$271^{\circ} 24'$	232	$86^{\circ} 00'$		16.18	11.19			3381.40	+ Line 13 E +
9	Δ		$91^{\circ} 24'$	00	-		-	4.62		3386.02		
10		/		57	-		-	11.17			3374.85	3-13 E
11		/		155	$86^{\circ} 00'$		10.80	11.93			3363.29	3-12 E
12		/		253	$84^{\circ} 00'$		26.30	9.02			3350.70	3-11 E
13		/		350	$83^{\circ} 30'$		39.40	2.93			3343.69	3-10 E
14		/		447	$84^{\circ} 00'$		46.50	7.25			3332.27	3-9 E
15		/	$271^{\circ} 26'$	543	$83^{\circ} 50'$		57.95	11.04			3317.04	3-8 E Hub.

	INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \sin \frac{\angle}{2}$	V	ROD INTCPT	DIFF ELEV	H. I.	ELEV	REMARKS
1										3386.02		
2		-		99	81°00'		15.30	10.90	26.20			13E-295
3		⊙	346°51'	199	77°00'		43.55	8.16	51.71			13E 285
4	△		166°51'	205	165°00'		51.30	5.25	46.05			
5		-		102	255°00'		25.50	5.30	20.20			13E 275
6		-		00	-		-	5.00	5.00			13E 265
7		-		101	77°00'		22.10	6.32	28.42			13E 255
8		⊙	347°30'	199	77°00'		43.60	4.81	48.41			13E 245
9	△		167°30'	200	160°00'		34.20	3.06	31.14			
10		-		99	260°00'		16.90	4.21	12.69			13E 235
11		-		00	-		-	4.62	4.62			13E 225
12		-		101	79°00'		18.93	10.48	28.41			13E 215
13		-		203	75°00'		50.75	2.93	53.68			13E 205
14		⊙	347°15'	301	150°30'		73.00	3.80	76.80			13E 195
15												

INST STA	ROD STA	BEARING	STADIA DIST.	VERT \angle	$\frac{1}{2} \text{SIN } 2 \angle$	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1										3131.91	13E-19S
2	Δ	347° 15'	197	93° 00'		10.29	10.62	0.33	3122.24		
3	1		94	—			2.20	2.20		3130.04	13E-18S
4	\odot	167° 15'	00	—			3.92	3.92		3128.32	13E-17S Hub
5		346° 20'									Beav A Sta F.S.
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											

	INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \sin 2 \angle$	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1	/										3178.94	BL 2-6 E
2	\triangle		0° 00'	290	83° 00'		35.05	6.74	41.79	3222.85		
3	/			195	86° 00'		13.60	14.00	27.60		3193.19	2-5 E
4	/		0° 00'	98	86° 00'		6.71	6.82	13.53		3207.26	2-4 E
5	/		-	00	-		-	4.50	4.50		3216.09	2-3 E
6	/		180° 18'	98	-		-	0.52	0.52		3220.27	2-2 E
7	/		180° 21'	198	92° 00'		6.91	0.53	6.38		3227.17	2-1 E
8	/		78° 50'	98	-		-	7.77	7.77		3213.02	6 E 16 S
9	/			198	-		-	9.25	9.25		3211.54	6 E 17 S
10	0		78° 20'	297	-		-	3.70	3.70		3217.09	6 E 18 Herb
11												
12											3227.17	BL 2-1 E
13	\triangle		245	0° 00'	87° 00'		+12.80	13.92		3253.83		
14	/		00	-	-		-	4.50			3249.39	BL 2 Line 2 W
15	/		101	268° 30'	84° 00'		10.50	23.94			3229.95	2 W 15 S.

PROSPECT Swain Lake COUNTY _____ STATE YT DATE 5th Aug 65 PAGE 12

SURVEYOR DAN Small RODMAN Alfred Charlie PARTY SDB NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2} \text{SIN } 2\angle$	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1									5253.83		
2	/		192	79°00'		36'05"	7.34	43.74		3210.55	2W-14S
3	0	268°18'	286	80°00'		48.95	5.02	53.97		3199.92	2W-13S
4	Δ		259	100°00'		44.40	7.73	36.67	3168.79		
5	-		152	100°00'		26.00	4.24	21.76		3195.01	2W-12S
6	-		55	100°00'		9.40	3.68	5.72		3168.97	2W-11S
7	-		44	88°00'		1.54	14.36	15.90		3147.35	2W-10S
8	-		147	80°00'		25.10	13.28	38.38		3124.87	2W-9S
9	0		246	80°00'		42.05	9.98	52.03		3111.22	2W-8S
10	Δ		276	100°00'		47.15	6.45	40.70	3070.46		
11	-		175	100°00'		29.90	5.11	24.79		3095.31	2W-7S
12	-		74	100°00'		12.65	4.40	8.25		3078.77	2W-6S
13	-		35	90°00'		-	10.01	10.01		3060.51	2W-5S
14	-		122	83°00'		14.75	12.03	27.78		3042.74	2W-4S
15	0		224	80°00'		38.30	5.43	43.73		3026.79	2W-3S

PROSPECT Swim Lake COUNTY _____ STATE YT DATE 5 Aug 65 PAGE 13

SURVEYOR DAN Small RODMAN Alfred Charlie PARTY 598 NOTES CHK'D _____

INST STA	ROD STA	BEARING	STADIA DIST	VERT \angle	$\frac{1}{2}\text{SIN } 2\angle$	V	ROD INTCP	DIFF ELEV	H. I.	ELEV	REMARKS
1										3026.79	2 W - 3 S
2	Δ	0°00'	298	94°20'		22.45	0.170	21.75	3004.99		
3	-	\curvearrowright	200	93°00'		16.45	3.38	7.07		3012.11	2 W - 2 S
4	-	\curvearrowright	98	91°00'		1.73	2.81	1.08		3003.96	2 W - 1 S
5	-	0°00'	00	-		-	4.19	4.19		3000.85	2 W BL 1
6	\odot	272°04'	306	-		-	5.09	5.08		2999.90	Hub at BL 1 IE
7											
8											
9											
10											
11											
12											
13											
14											
15											