

Security & Courts
Survey data

SEPT 1981

T. OLIVER

M486

842784

Map

Station	F S	B S	Hor Ang	Az to BS	Az to IS	$\frac{rang}{ra3}$	chain	Hor dist	HI	Vertical change (m)
S-81-1 ✓	S-81-2	—	000°	—	000°	+2° 46' 38"	111.7	111.56	0.64	+4.75 m
S-81-1 ✓	S-81-3	S-81-2	286° 15' 46"	000° 3	286° 15' 46"	-1° 43' 08"	62.40	62.37	0.64	-1.22
S-81-3 ✓	S-81-4	S-81-2	310° 59' 57"	32° 26' 30"	343° 26' 27"	$\frac{89° 53' 03"}{+00° 06' 57"}$	62.35	62.35 ²	0.89	-0.77
S-81-4 ✓	S-81-5	S-81-3	149° 02' 20"	163° 26' 27"	312° 28' 47"	$\frac{101° 18' 57"}{11° 18' 57"}$	61.75	60.25	0.69	-11.43
S-81-5 ✓	S-81-6	S-81-4	210° 38' 50"	132° 28' 47"	343° 07' 37"	$\frac{92° 40' 30"}{-2° 40' 30"}$	60.32	60.25	0.53	-2.28

(2)

Sta	FS	BS	Hor Ang	Az to bs	Az to fs	$\frac{V \text{ ang}}{V \text{ az}}$	Chain	Hor dist	HI	Vertical Change
S-81-6 ✓	S-81-7	S-81-5	174° 10' 30"	163 07 37	337 18 07	$\frac{89}{+}$ $\frac{16}{43}$ $\frac{42}{18}$	73.5	73.5	0.54	+0.38
S-81-7 ✓	S-81-8	S-81-6	223 24 50	157 18 07	20 42 57	$\frac{92}{-2}$ $\frac{48}{43}$ $\frac{35'}{35}$	91.3	91.2	0.58	-3.76
S-81-8 ✓	S-81-9	S-81-7	130 50 10	200 42 57	331 33 07	$\frac{114}{-24}$ $\frac{26}{26}$ $\frac{55}{55}$	18.0	16.38	0.66	-6.79
S-81-9 ✓	S-81-10	S-81-8	259 43 30	151 33 07	51 16 37	$\frac{81}{+8}$ $\frac{31}{28}$ $\frac{30}{30}$	69.3	68.54	0.64	+10.21
S-81-10 ✓	S-81-11	S-81-9	170 59 55	231 16 37	42 16 32	$\frac{95}{-5}$ $\frac{16}{16}$ $\frac{10}{10}$	60.9	60.64	0.56	-5.03

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Sta	FS	BS	hor ang			Az to BS			Az to FS			Vang			chain	hor dist	HT	Vertical change (m)
			0	'	"	0	'	"	0	'	"	0	'	"				
✓ S-81-11	S-81-12	S-81-10	203	52	20	222	16	32	66	08	52	77	18	10	67.2	65.5	0.56	+13.60
												+12	41	50				
S-81-12	S-81-10	S-81-11	348	32	00	246	05	52	234	40	52	95	00	55	—	—	0.68	—
												-5	00	50				
✓ S-81-12	S-81-13	S-81-11	92	28	25	246	08	52	338	37	17	107	24	10	110.5	105.44	0.68	-33.05
												-17	24	10				
* S-81-13	S-81-11	S-81-12	31	13	40	158	37	17	189	50	57	82	35	10	—	—	0.65	—
												+7	24	50				
* S-81-13	S-81-10	S-81-12	41	36	40	158	37	17	200	03	57	83	12	00	—	—	0.65	—
												+6	47	00				

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sta	fs	bs	hor	Ang	"	0	'	"	0	'	"	0	'	"	$\frac{V_{ang}}{V_{adj}}$	chain	hor dist	HI	Vertical change
✓ S-81-12	S-81-14	S-81-11	275	13	50	246	08	52	161	12	42	81	29	20	$\frac{81}{+8}$ $\frac{29}{30}$ $\frac{20}{40}$	73.7	72 89	0.68	+10.22
S-81-14 ✓	S-81-15	S-81-12	204	07	40	341	22	42	185	30	22	85	12	45	$\frac{85}{+4}$ $\frac{12}{97}$ $\frac{45}{15}$	110.8	110.4	0.69	+8.55
S-81-15 ✓	S-81-16	S-81-14	160	55	55	05	30	22	166	26	17'	87	18	45	$\frac{87}{+2}$ $\frac{18}{41}$ $\frac{45}{15}$	87.15	87.0	0.71	+3.37
S-81-15	S-81-12	S-81-14	350	24	50	05	30	22	355	55	12	97	01	50	$\frac{97}{-7}$ $\frac{01}{01}$ $\frac{50}{50}$	—	—	0.71	—
✓ S-81-16	S-81-12	S-81-15	165	22	25	346	26	17	151	48	42	88	55	20	$\frac{88}{+1}$ $\frac{55}{04}$ $\frac{20}{40}$	78.2	78.1	0.68	+0.78

$\Delta 2$

1000 ~~E~~

1111.5 $\frac{1}{2}$ N

17 Δ

1079.2 ~~E~~

1122.4

Sta	fs	Bs	Hor	Ang	Az to bs	Az to fs	Vert Mag	chain	hor dist	HI	Vertical change
S-81-17	S-81-2	S-81-16	288	39 20	331 48 42	260 28 02	$\frac{101\ 50\ 05}{-11\ 50\ 05}$	84.0	82.21	0.68	-16.54
S-81-17	S-81-3	S-81-16	260	48 20	331 48 42	232 37 02	$\frac{97\ 52\ 10}{-7\ 52\ 10}$	—	—	0.68	—
* <u>TBP</u>											
S-81-11	S-81-17	S-81-2	33	07 20	00000000	33 07 20	$\frac{89\ 59\ 50}{81\ 30\ 45}$ + 08 29 15	—	—	0.52	—
S-81-1	S-81-18	S-81-2	191	57 15	000 00 00	191 57 15	$\frac{94\ 59\ 53}{-4\ 59\ 53}$	108.7	108.2	0.52	-8.95
S-81-1	S-81-3	S-81-2	286	16 45	000 00 00	286 16 45	$\frac{91\ 34\ 25}{-1\ 34\ 25}$	—	—	0.52	—

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sta	fs	bs	a ₁ " hor ang			a ₂ " to Bs			a ₃ " to fs			V _{ang} " V _{az}			chem	hor dist	HT	vertical change
S-81-23	S-81-3	S-81-2	359	56	53	32	38	15	32	35	08	95	13	18			0.56	
S-81-23	S-81-24	S-81-2	319	39	38	32	38	15	352	17	53	89	51	60	67.43	67.41	0.56	10.93
S-81-24	S-81-25	S-81-23	189	42	20	172	47	53	2	00	13	96	55	20	89.35	88.70	0.83	-9.93
S-81-25	S-81-7	S-81-24	190	47	48	182	00	13	12	48	08	95	25	00			0.84	
S-81-25	S-81-4	S-81-24	220	07	00	182	00	13	42	07	13	95	00	17			0.84	

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sta	fs	bs	hor ang			Az ^o bs			Az ^o fs			V ^o ang r az			chain	hor det	HI	vertical change
S-81-25	S-81-I	S-81-24	243	56	47	182	00	13	65	57	09	94	37	21			0.84	
												-4	37	21				
S-81-26	S-81-	S-81-24										79	53	48			0.68	
												10	06	12				
S-81-26	S-81-25	S-81-24	333	33	38	calc						81	05	43			0.68	
						128	55	19	102	28	57	+8	54	17				
✓ S-81-26	S-81-27	S-81-24	322	20	00	128	55	19	91	15	19	90	50	50	81.85	81.84	0.68	-0.53
												-0	50	50				
✓ S-81-27	S-81-28	S-81-26	155	08	40	271	15	19	66	23	59	91	08	55	63.0	62.98	0.63	-0.63
												-1	08	55				

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sta	fs	bs	hor	ang	Az	to	bs	az'	to	fs	$\frac{V_{ang}}{V_{az}}$	chain	hor	dist	HI	vertical change	
✓ S-81-28	S-81-29	S-81-27	167	07	55	246	23	59	53	31	54	97 -7	01 01	10 10	45.42 68.0	45.0 0.61	0.61 -4.90
✓ S-81-28	S-81-7	S-81-27	131	35	58	246	23	59	17	59	57	91 -1	22 22	33 33		0.61	
✓ S-81-28	S-81-6	S-81-27	142	07	03	246	23	59	28	31	02	91 -1	57 57	55 55		0.61	
✓ S-81-29	S-81-30	S-81-28	185	35	50	233	31	54	59	07	44	102 -12	30 30	12 12	60.9	59.4	0.59 -12.60
✓ S-81-30	S-81-31	S-81-29	277	16	03	239	07	44	156	23	47	80 +9	08 51	08 52	29.92	29.5	0.66 +4.46

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Sta	fs	bs	hor	ang	az to bs	az to fs	∠ ang	chain	hor d	HI	vertical change
S-81-31	S-81-32	S-81-30	109	43 03	336 23 47	86 06 50	$\frac{81 \ 43 \ 10}{+8 \ 16 \ 50}$	86.6	85.70	0.59	+11.86
S-81-32	S-81-3	S-81-31	122	03 20	266 06 50	28 10 10	$\frac{86 \ 19 \ 45}{+3 \ 40 \ 15}$	38.80	38.72	0.67	+1.81
S-81-3	S-81-32	S-81-2	175	43 40	32 26 30	208 10 10	—	—	—	—	—

→ Sol creek & Rennel Sound
 → Course drawing & Survey of DDH #1 - A 81-C-1 34

SC-81-1	SC-81-2	—	00 00 00	—	90 00 00	—	$\frac{87 \ 21 \ 40}{+2 \ 38 \ 20}$	51.21	51.10	0.77	+1.58
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Sta	fs	Bs	hor ang			az to bs			az to fs			V ang			chain	hor dist	HT	Vertical change
			0	1	11	0	1	11	0	1	11	0	1	11				
						92	10	20	64	10	20	92	10	20				
						90	00	00	64	10	20	-2	10	20				
SC-81-1 ✓	21E 10S	SC-81-2	334	10	20	90	00	00	64	10	20	92	10	20	31.70	31.67	0.77	-0.42
SC-81-1 ✓	DD H#1	SC-81-2	267	36	04	90	00	00	357	36	04	77	03	40	43.60	42.49	0.77	+8.97
												+12	56	20				
SC-81-1 ✓	SC-81-3	SC-81-2	267	02	20	90	00	00	357	02	20	72	14	52	176.82	168.40	0.77	+53.13
												+17	45	08				
SC-81-3 ✓	SC-81-4	SC-81-1	216	14	15	177	02	20	33	16	35	93	10	55	16.46	16.43	0.54	-0.36
												-3	10	55				
SC-81-4 ✓	SC-81-5	SC-81-3	187	42	47	213	16	35	40	59	22	113	54	15	25.30	23.13	0.78	-9.47
												-23	54	15				

sta	fs	bs	hor Ang			az to bs			az to fs			$\begin{array}{r} 0 \quad 1 \quad '' \\ \sqrt{\quad} \quad \text{ang} \\ \hline \sqrt{\quad} \quad a_2 \end{array}$			chain	hor det	HI	Vertical change
			0	1	''	0	1	''	0	1	''	0	1	''				
SC-81-5 ✓	SC-81-6	SC-81-4	78	26	34	220	59	22	299	22	56	77	44	56	63.10	61.66	0.61	+12.77
												+12	15	04				
SC-81-6 ✓	SC-81-7	SC-81-5	252	10	00	119	22	56	11	32	56	79	37	00	38.71	38.07	0.52	+6.45
												+10	23					
SC-81-7	SC-81-8	SC-81-6	166	07	35	191	32	56	357	40	41	59	05	55	145.12	124.52	0.78	+73.74
												+30	54	05				
to D.D.M	#4	—	—	—	—	—	—	—	350	00	00	90	00	00	300	3.0	—	
												mag	00	00	00			
												00	00	00				