

**ATS 1630\* (C1 ATS 845)**

Found 2 1/2" diameter steel post with a 3 1/4" diameter brass BLM cap, stamped as shown down 1.0' below grade. From which bears:

1. A 10-inch Hemlock N65 3/4°W, 21.0 feet, [N60°W, 21.1 feet] with heading bolts, marking unreadable.
2. A 9-inch Hemlock stump N27 1/2°E, 120.2 feet, marked T715 R64E S28 ATS 845 C1 BT [N27 1/2°E, 120.1 feet].
3. A PK nail and 2 inch aluminum washer S22°W, 52.4 feet, stamped, "USFS RLS 9885"

**NNN S28\***

Found 36" long, 3/4" diameter aluminum rod with a 3 1/4" diameter FS cap, stamped as shown, down 0.5' below beach grade per Land Survey Monument Record, Document #2004 000531 Q, K.R.D. From which bears:

1. A power pole bears S88 1/2°E, 56.1 feet, [S88 1/2°E, 56.1"]
2. A BLM monument "C2 ATS 845 1995" N57°17'W, 123.6 feet.

**ITS 1630\* (C2 ATS 845)**

Found 2 1/2" diameter steel post with a 3 1/4" diameter brass BLM cap, stamped as shown, flush with grade. From which bears:

1. A 6-inch Spruce stump N22 1/2°E, 127.6 feet, [N22 1/2°E, 127.4 feet]. No markings remain.
2. A 7-inch Spruce stump N50 3/4°E, 135.4 feet, [N51°E, 136.0 feet]. No markings remain.

**"CC S28 ATS 845"**

Found 2 1/2" diameter steel post with 3 1/4" diameter brass BLM cap, stamped as shown, down 0.2' below grade. From which bears:

1. A PK nail and 2 inch aluminum washer N14 3/4°W, 112.1 feet, stamped, "USFS RLS 9885"
2. A BLM Monument "C2 ATS 845" N78°23'W, 73.0 feet.

**W 1/16 SEC 21 28\***

Found 2 1/2" diameter steel post with 3 1/4" diameter brass BLM cap, stamped as shown, up 0.5' in mound of stone. Sec. 21

**"C4 Tr. A, C3 Tr. B, ATS 1630"**

Set 2 1/2" diameter, 28" long aluminum post with a 3 1/4" diameter Forest Service cap, stamped as shown, flush with the ground. From which bears:

1. A Forest Service monument "C3 Tr. A. ATS 1630" S56°56'W, 301.1 feet.
2. A BLM Monument "E-W-W-1/256 S21 S28 1994" N28°20'E, 511.6 feet.

**"C3 Tr. A. ATS 1630"**

Set 2 1/2" diameter, 28" long aluminum post with a 3 1/4" diameter Forest Service cap, stamped as shown, flush with ground. From which bears:

1. A PK Nail and 2-inch aluminum washer, S20 1/2°E, 98.0 feet, "USFS RLS 9885"
2. A 8-inch Hemlock S85 3/4°W, 106.8 feet, marked "X BT"
3. A FS monument "C4 Tr. A C3 Tr. B. ATS 1630", N56°56'E, 301.1 feet.

**"C2 Tr. A. ATS 1630" (C4 ATS 845)**

Found 3 1/4" diameter brass BLM disk set in top of rock, stamped as shown. From which bears:

1. A PK Nail and 2-inch aluminum washer, S11 1/2°W, 18.0 feet, stamped "USFS RLS 9885 PT A"
2. A FS monument "WC C1 Tr. A, C2 Tr. B, ATS 1630" N50°42'E, 303.8 feet.

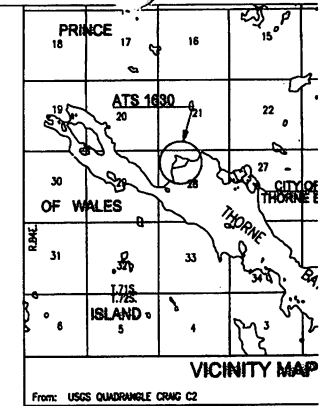
**"WC C1 Tr. A, C2 Tr. B, ATS 1630"**

Set 2 1/2" diameter, 28" long aluminum post with a 3 1/4" diameter FS cap, stamped as shown, flush with ground. From which bears:

1. A BLM monument "C4 ATS 845 S28 1995" S50°42'W, 303.8 feet.
2. A BLM monument "WC S28 HN SMC 1994" S39°10'W, 587.1 feet.

**EXISTING MHW MEANDERLINE**

LINE	BEARING	DISTANCE
40	N35°47'02"W	71.32'
41	N67°10'48"W	320.33'
42	N73°28'53"W	155.12'
43	S78°11'58"W	35.04'
44	S24°41'58"W	123.47'
45	S17°28'13"E	37.74'
46	S32°28'37"E	144.81'
47	S68°28'52"E	117.47'
48	S01°27'54"W	58.53'
49	S86°12'04"W	137.16'
50	S68°33'52"W	115.39'
51	S37°19'02"W	68.29'
52	S38°19'50"W	30.40'
53	S88°23'48"W	105.82'
54	S47°21'43"W	84.89'
55	S84°22'48"W	78.84'
56	S27°29'55"E	21.17'
57	S37°57'22"W	26.68'



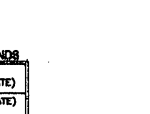
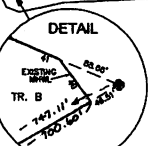
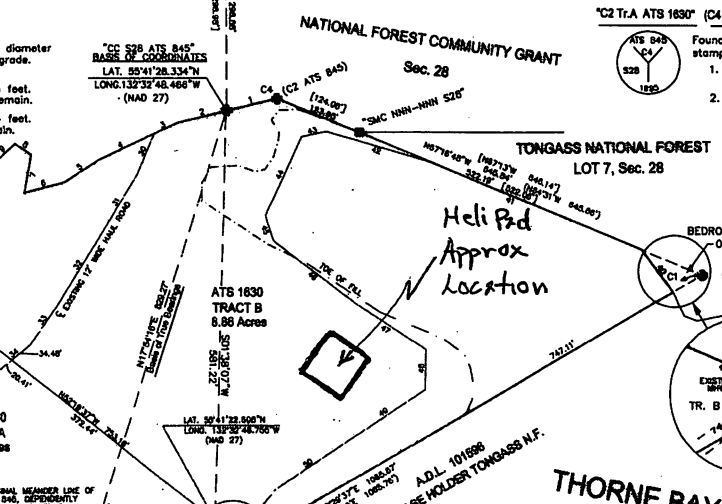
**DE HAUL ROAD**

Bearing	Distance
N36°W	82.53'
S63°W	101.11'
S29°W	111.41'
S15°W	74.89'
S71°W	54.89'
S26°W	83.09'
S22°W	59.80'
S03°W	102.41'
S74°W	101.88'
S21°W	43.44'

**MEANDER LINE ATS 845**

Bearing	Distance	Bearing	Distance
S24°43'W	(S78°10'W)	72.98	(145.00')
S19°43'W	(S68°05'W)	37.87	(126.00')
S19°43'W	(S60°15'W)	86.13'	(80.00')
S29°43'W	(S78°10'W)	80.00'	(80.00')
S29°43'W	(N19°10'W)	58.00'	(55.00')
S25°17'W	(N83°40'W)	28.00'	(28.00')
S19°43'W	(S60°05'W)	37.00'	(37.00')
S19°43'W	(S18°32'W)	68.00'	(68.00')
S19°17'W	(N65°30'W)	70.00'	(70.00')
S19°17'W	(N65°0'W)	58.00'	(58.00')
S19°43'W		111.07'	
S19°43'W	(S71°05'W)	37.82'	(178.00')
S19°43'W		29.01'	
S24°43'W	(S32°30'W)	108.00'	(108.00')
S19°43'W	(S27°10'W)	80.00'	(80.00')
S34°43'W	(S48°12'W)	52.00'	(52.00')
S30°17'W	(S68°15'E)	90.00'	(90.00')
S48°17'E	(S40°W)	72.00'	(72.00')
S18°17'E	(S71°30'E)	90.00'	(90.00')
S00°17'E	(S72°15'E)	84.00'	(84.00')
S48°17'E	(S44°W)	81.90'	(81.90')
S48°17'E	(S10°E)	80.00'	(80.00')
S21°17'E	(S81°38'E)	48.00'	(48.00')
S24°43'W	(S89°30'E)	52.00'	(52.00')
S48°17'E	(S24°W)	170.00'	(170.00')
S28°17'E	(S24°W)	80.00'	(80.00')
S14°43'W	(S63°W)	43.00'	(43.00')

NOTARY PUBLIC STATE OF ALASKA  
Gerald Jennings  
My Commission expires 1-9-09



**EXISTING ROCK-FILLED TIDELANDS**

Tr. A = 4.1 ACRES (APPROXIMATE)  
Tr. B = 6.0 ACRES (APPROXIMATE)  
(See Note #8)

**TIDAL DATUM INFORMATION**

MEAN HIGH WATER	MEAN LOW WATER	MEAN TIDE LEVEL	MEAN LOWER LOW WATER	EXTREME LOW WATER
16 FEET	15.1 FEET	8.2 FEET	0.0 FEET	-4.5 FEET

**APPLICANT CERTIFICATE - TRACT A, ATS 1630**

I, the undersigned, hereby certify that I am the Forest Supervisor, Tongass National Forest, and that the United States of America (U.S. Forest Service) is the applicant as shown hereon. For the United States of America, I hereby approve this survey and this plot. This survey was executed of my direction to support the management of National Forest Land.

ADL No. 51827  
Date: 6/14/05  
Notary Public for Alaska

**NOTARY'S ACKNOWLEDGEMENT**

Subscribed and sworn before me this 14th day of June, 2005, for *Gerald Jennings*, Notary Public for Alaska. My Commission expires *Aug. 26, 2006*.

**TAXATION CERTIFICATE**

This survey lies outside the jurisdiction of the Alaska Department of Natural Resources.

**APPLICANT CERTIFICATE - TRACT B, ATS 1630**

I, the undersigned, hereby certify that I am the Applicant as shown hereon. I hereby approve this survey and plot.

ADL No. 51827  
Date: 6/14/05  
Notary Public for Alaska

**NOTARY'S ACKNOWLEDGEMENT**

Subscribed and sworn before me this 14th day of June, 2005, for *Gerald Jennings*, Notary Public for Alaska. My Commission expires *Aug. 26, 2006*.

**LEGEND**

- BLM MONUMENT RECOVERED
- FOREST SERVICE MONUMENT RECOVERED
- PRIMARY MONUMENT SET BY THIS SURVEY
- FILLED TIDELANDS
- UNSURVEYED LINE
- SURVEYED LINE
- EXISTING MEANDERLINE
- APPROXIMATE TIDE OF ROCK FILL
- ( ) INDICATES RECORD DATA PER ATS 845
- [ ] INDICATES RECORD DATA PER 1998 BLM DEPENDENT RE-SURVEY

**LAND SURVEYORS CERTIFICATE**

I hereby certify that I am properly registered and licensed to practice land surveying in the State of Alaska, that this plot represents a survey made by me or under my supervision, that the monuments shown hereon actually exist as described, and that all dimensions and other details are correct.

6-10-2005  
2005-33  
REGISTRATION NUMBER RLS 9885  
DATE: 6/14/05  
TIME: 3:40 P.M.  
Requested by: *DLR*  
Address: *280 W. 1st St. Anchorage, AK 99501*



**NOTES**

1. This survey was accomplished in accordance with A.S. 38.02 and ATS SI No. 1630.
2. The accuracy of this survey is greater than 1:5000.
3. Mean high tide was determined by time-coordinated tidal observations on 24 March 2004 as extrapolated from the NOAA Publication for the predictions of high and low waters for the year 2004.
4. All bearings shown are true bearings as oriented to the basis of bearings determined by a high precision GPS survey using Trimble 5800 receivers. The data was processed using National Geodetic Survey's online positioning user service, OPUS. N.G.S. CORS stations used in the processing were: ANNETTE ISLAND 1, LEVEL ISLAND 1, and BORRA ISLAND 1. All distances shown are reduced to horizontal field distances.
5. A magnet was depeeled at the base of all set monuments.
6. A yellow metal bearing tree log (FS Sign No. 54-9) was set at all bearing trees.
7. Due to the prior and existing use of the site as a log sort yard, no suitable bearing trees or objects, other than shown hereon, exist.
8. The toe of the existing fill, as shown, is an approximation for area computation.
9. The original meanderline of ATS 845 was dependently re-surveyed by the BLM in 1998. Corners C1, C2, and C4 of ATS 845 were re-monumented by that survey. The meander line shown hereon, between C2 and C4, was re-surveyed to record angle and distance per ATS 845.

**CERTIFICATE OF APPROVAL BY THE BOARD**

I hereby certify that the subdivision plot shown hereon has been found to comply with the subdivision regulations of the City of Thorne Bay, Alaska, and that said plot has been approved by the Planning Board by Resolution No. 02-2004-001 Dated 6-22-05, and that the plot shown hereon has been approved for recording at the Ketchikan Recording Office, Ketchikan, Alaska.

Chairman - Thorne Bay Planning Commission Date: 6-22-05  
Clerk - Thorne Bay Planning Commission Date: 6-22-05

One 50' x 100' U.S. survey  
One meter = 3.280833 U.S. feet  
One U.S. acre = 0.4047 hectares

STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF MINING, LAND, AND ANCHORAGE, ALASKA  
ALASKA TIDELAND SURVEY

A SUBDIVISION OF AT LOCATED WITHIN SURVEYED SE TOWNSHIP 71 SOUTH, RANGE 84 EAST, Containing 13.09 Acres  
Ketchikan Recording Dist

1 inch = 100 feet  
W.N.