

**LOCAL TIDAL DATUM CALCULATION**

A MEAN TIDAL ELEVATION OF 4.32' (NAVD88) WAS DETERMINED USING THE FOLLOWING TIDAL STATION:

STATION ID: 9447130  
 STATION LOCATION: SEATTLE, WA  
 DATUM: NAVD88  
 MEAN LOW-LOWER WATER: -2.34'  
 (MLLW)

ACCORDING TO THE ABOVE STATION DETAILS, THE CONVERSION FROM NAVD88 TO MLLW IS AS FOLLOWS:

MLLW + 2.34' = NAVD88 ELEVATION

**PLAT OF SURVEY LOCATED IN A PORTION OF NW1/4, NE1/4 SECTION 36, T.31N, R.3E, W.M.**

EX. 4"x4" CONCRETE MONUMENT WITH PUNCHED BRASS DISC, STAMPED "ROC25" AT TOP OF BLUFF (VISITED: 12/2016)  
 NAD83/11 COORDINATES:  
 N=419159.72  
 E=1266721.94  
 ELEV=123.48

BASIS OF BEARINGS

NORTH LINE OF THE SOUTH 18 ACRES OF GOVERNMENT LOT 4 SECTION 25, T.31N, R.3E, W.M., PER THAT CERTAIN BOUNDARY LINE ADJUSTMENT FILED UNDER SNOHOMISH COUNTY AUDITOR'S FILE NO. 201011105003

EX. 4"x4" CONCRETE MONUMENT WITH PUNCHED BRASS DISC, STAMPED "ROC22" (VISITED: 01/2017)  
 NAD83/11 COORDINATES:  
 N=419125.17  
 E=1268279.10  
 ELEV=217.04

**BASIS OF BEARINGS**

BEARING OF N88°43'45"W AS SHOWN ALONG THE MONUMENTED NORTH LINE OF THE SOUTH 18 ACRES OF GOVERNMENT LOT 4 SECTION 25, TOWNSHIP 31 NORTH, RANGE 3 EAST, W.M.

CALCULATED POSITION PER THAT CERTAIN BOUNDARY LINE ADJUSTMENT FILED UNDER SNOHOMISH COUNTY AUDITOR'S FILE NO. 201011105003



LINE#	DIRECTION	LENGTH
L1	N16°44'52"E	68.87'
L2	N23°05'09"E	48.44'
L3	N11°09'14"E	71.11'
L4	N62°40'41"W	22.39'
L5	N13°58'28"W	16.31'
L6	S65°07'46"E	12.55'
L7	N37°06'04"W	16.33'
L8	N43°18'58"E	7.16'
L9	S49°58'32"E	24.87'
L10	N45°05'31"E	13.91'
L11	N09°13'22"E	21.28'

MEANDER CORNER POSITION PER THE PLAT OF C.D. HILLMAN'S BIRMINGHAM WATER FRONT ADDITION TO THE CITY OF EVERETT AT PORT SUSAN ON PUGET SOUND DIVISION NO. 2, AS RECORDED IN VOLUME 8, PAGE 61 RECORDS OF SNOHOMISH COUNTY, WASHINGTON

PORT SUSAN PLATTED MEANDER LINE, PER THE PLAT OF C.D. HILLMAN'S BIRMINGHAM WATER FRONT ADD. TO THE CITY OF EVERETT AT PORT SUSAN ON PUGET SOUND, DIVISION NO. 2, AS RECORDED IN VOLUME 8, AT PAGE 61 RECORDS OF SNOHOMISH COUNTY

**LEGAL DESCRIPTION**

AN AQUATIC RESOURCES USE AREA IN THE BEDLANDS OF PORT SUSAN FRONTING AND ABUTTING GOVERNMENT LOT 1, SECTION 36, TOWNSHIP 31 NORTH, RANGE 3 EAST, W.M., MORE PARTICULARLY DESCRIBED AS FOLLOWS:  
 COMMENCING AT THE NORTHEAST CORNER OF SAID SECTION 36;  
 THENCE NORTH 88°43'33" WEST ALONG THE NORTH LINE OF SAID SECTION 36, A DISTANCE OF 2075.70 FEET TO THE MEANDER LINE OF PORT SUSAN, PUGET SOUND, PER THE PLAT OF C.D. HILLMAN'S BIRMINGHAM WATER FRONT ADDITION TO THE CITY OF EVERETT AT PORT SUSAN ON PUGET SOUND DIVISION NO. 2, AS RECORDED IN VOLUME 8, PAGE 61 RECORDS OF SNOHOMISH COUNTY, WASHINGTON;  
 THENCE CONTINUING NORTH 88°43'33" WEST ALONG THE WESTERLY PROLONGATION OF SAID NORTH LINE, A DISTANCE OF 582.90 FEET,  
 THENCE SOUTH 20°35'40" WEST, A DISTANCE OF 312.88 FEET TO THE POINT OF BEGINNING;  
 THENCE CONTINUING SOUTH 20°35'40" WEST, A DISTANCE OF 238.67 FEET;  
 THENCE SOUTH 67°58'17" EAST, A DISTANCE OF 201.71 FEET TO THE LINE OF MEAN LOW TIDE;  
 THENCE NORTH 16°44'52" EAST, A DISTANCE OF 68.87 FEET ALONG LINE OF MEAN LOW TIDE;  
 THENCE NORTH 23°05'09" EAST, A DISTANCE OF 48.44 FEET ALONG LINE OF MEAN LOW TIDE;  
 THENCE NORTH 11°09'14" EAST A DISTANCE OF 71.11 FEET ALONG LINE OF MEAN LOW TIDE;  
 THENCE NORTH 62°40'41" WEST A DISTANCE OF 22.39 FEET ALONG LINE OF MEAN LOW TIDE;  
 THENCE NORTH 13°58'28" WEST A DISTANCE OF 16.31 FEET ALONG LINE OF MEAN LOW TIDE;  
 THENCE SOUTH 65°07'46" EAST A DISTANCE OF 12.55 FEET ALONG LINE OF MEAN LOW TIDE;  
 THENCE NORTH 37°06'04" WEST A DISTANCE OF 16.33 FEET ALONG LINE OF MEAN LOW TIDE;  
 THENCE NORTH 43°18'58" EAST A DISTANCE OF 7.16 FEET ALONG LINE OF MEAN LOW TIDE;  
 THENCE SOUTH 49°58'32" EAST A DISTANCE OF 24.87 FEET ALONG LINE OF MEAN LOW TIDE;  
 THENCE NORTH 45°05'31" EAST A DISTANCE OF 13.91 FEET ALONG LINE OF MEAN LOW TIDE;  
 THENCE NORTH 09°13'22" EAST A DISTANCE OF 21.28 FEET ALONG LINE OF MEAN LOW TIDE;  
 THENCE LEAVING THE LINE OF MEAN LOW TIDE NORTH 69°10'05" WEST A DISTANCE OF 182.49 FEET, TO THE POINT OF BEGINNING, SAID POINT LYING SOUTH 85°10'21" WEST, 2777.85' FROM THE POINT OF COMMENCEMENT.  
 SITUATE IN SNOHOMISH COUNTY, STATE OF WASHINGTON.

**HORIZONTAL DATUM**

NAD83/11, WASHINGTON STATE PLANES, NORTH ZONE  
 COORDINATES ESTABLISHED THROUGH RTK OBSERVATIONS TO THE FOLLOWING MONUMENTS

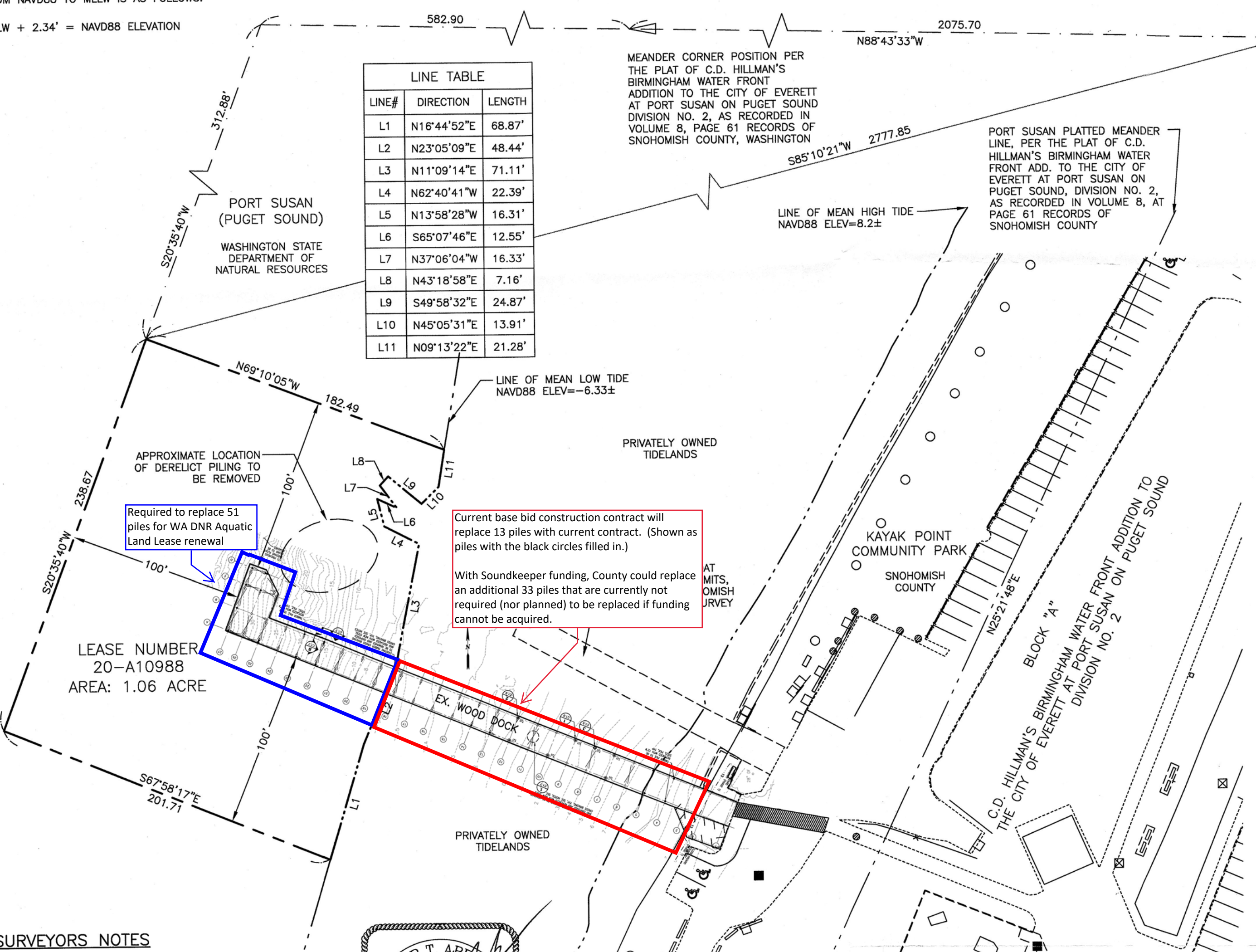
SNOHOMISH COUNTY CONTROL POINT "KAYAK"  
 EX. 4"x4" CONCRETE MONUMENT WITH A 1" BRASS DISC, STAMPED "KAYAK"  
 PUBLISHED 83/91 COORDINATES: OBSERVED 83/11 COORDINATES (SEP 2016)  
 NORTHING : 417773.6001 NORTHING : 417774.07  
 EASTING : 1265732.163 EASTING : 1265732.43  
 ELEVATION : 13.03 ELEVATION : 13.06

USCGS CONTROL POINT "RAYNOLDS 2"  
 EX. 4"x4" CONCRETE MONUMENT WITH A PUNCHED 3" BRASS CAP, STAMPED "RAYNOLDS 2 1924-1987"  
 PUBLISHED 83/91 COORDINATES: OBSERVED 83/11 COORDINATES (SEP 2016)  
 NORTHING : 417845.33 NORTHING : 417845.55  
 EASTING : 1265671.32 EASTING : 1265672.01  
 ELEVATION : 12.4 ELEVATION : 11.86

THIS SURVEY DEPICTS GROUND DISTANCES IN US SURVEY FEET. TO OBTAIN STATE PLANE GRID DISTANCES, USE A COMBINED SCALE FACTOR 0.999945.

**VERTICAL DATUM**

NAVD88, PER TIES TO THE ABOVE REFERENCED MONUMENTS

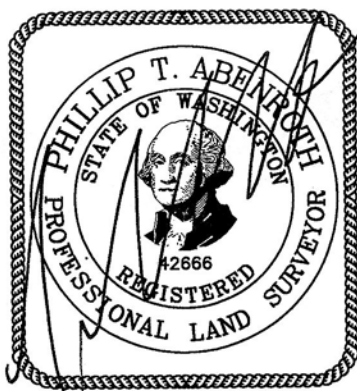


**SURVEYORS NOTES**

THE PURPOSE OF THIS SURVEY IS THE RENEWAL OF EXPIRED AQUATIC RESOURCES USE AUTHORIZATION NO. 20-A10988

**CONTROL METHODOLOGY**

EQUIPMENT : LEICA GS14 GNSS RECEIVER  
 METHOD : 3 MINUTE OBSERVATIONS  
 EQUIPMENT : LEICA MS50 MULTISTATION  
 METHOD : FIELD TRAVERSE  
 FIELDWORK PERFORMED : AUGUST 2016-JANUARY 2017



JUNE 19, 2020

**AUDITORS CERTIFICATE**

FILED FOR RECORD AT THE REQUEST OF Snohomish Co Parks THIS 13 DAY OF July, 2020, AT 47 MINUTES PAST 12:00 P.M. AND RECORDED UNDER AUDITOR'S FILE NO. 202007135003, RECORDS OF SNOHOMISH COUNTY, WASHINGTON

Barth Fell  
 SNOHOMISH COUNTY AUDITOR

Diana Mix  
 DEPUTY COUNTY AUDITOR

**202007135003 SURVEYORS CERTIFICATE**

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME, OR UNDER MY DIRECTION, IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING ACT, AT THE REQUEST OF SNOHOMISH COUNTY PARKS THIS 19<sup>TH</sup> DAY OF JUNE, 2020.

Phillip T. Abenroth  
 PHILLIP T. ABENROTH, PLS 42666

PLAT OF SURVEY FOR  
 SNOHOMISH COUNTY DEPARTMENT  
 OF PARKS & RECREATION  
 LEASE NUMBER 20-A10988  
 NW1/4, NE1/4 SECTION 36, T.31N, R.3E, W.M.  
 SNOHOMISH COUNTY, WA

<b>Reid Middleton</b>		728 134th Street SW · Suite 200 Everett, Washington 98204 Ph: 425 741-3800		FIELD BOOK NO. 870-A&B
DATE DRAWN	CHECKED BY	DATE CHECKED	SCALE	FILE NO.
06/19/20	PTA	06/19/20	1"=50'	242016.012A
				SHEET 1 of 1