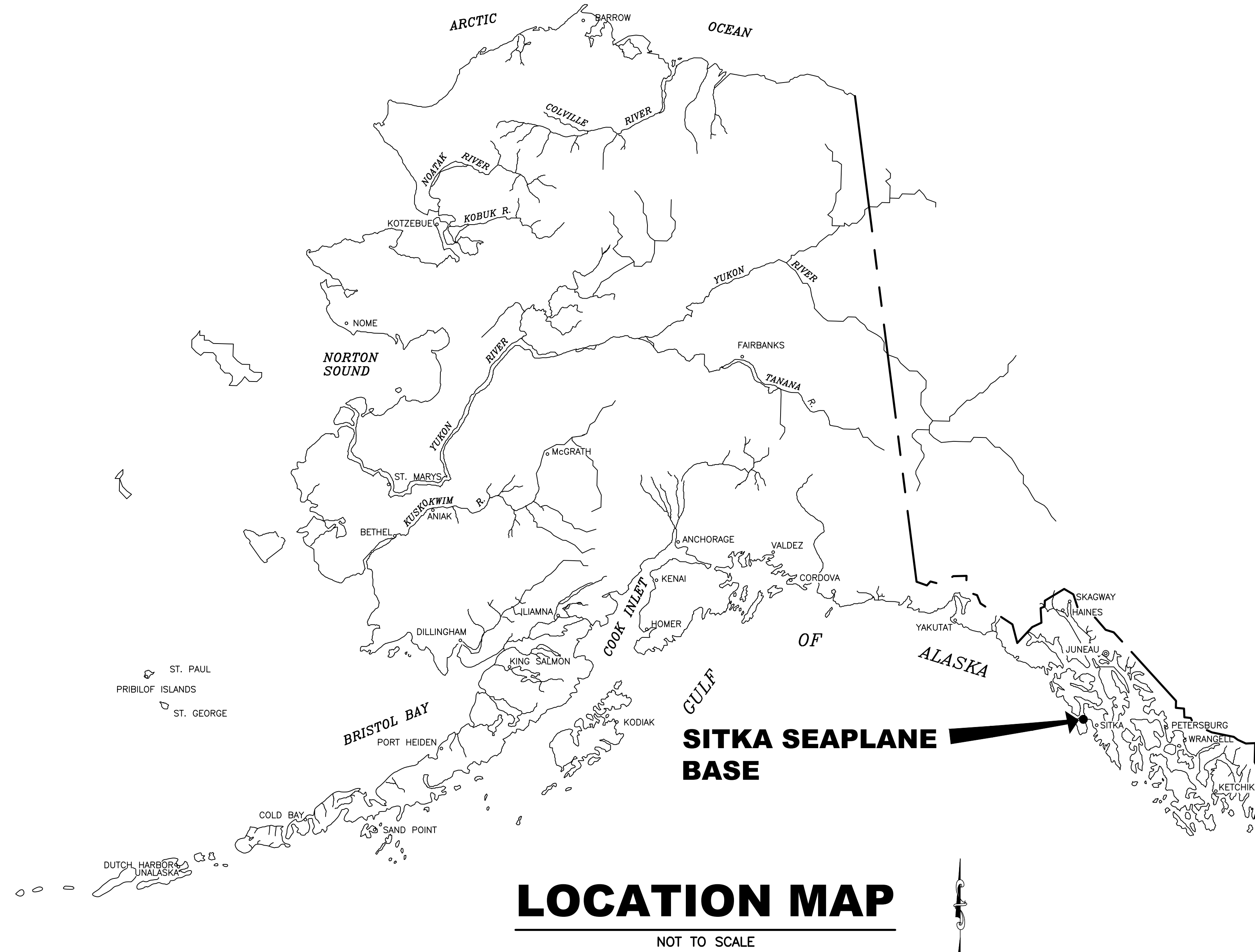


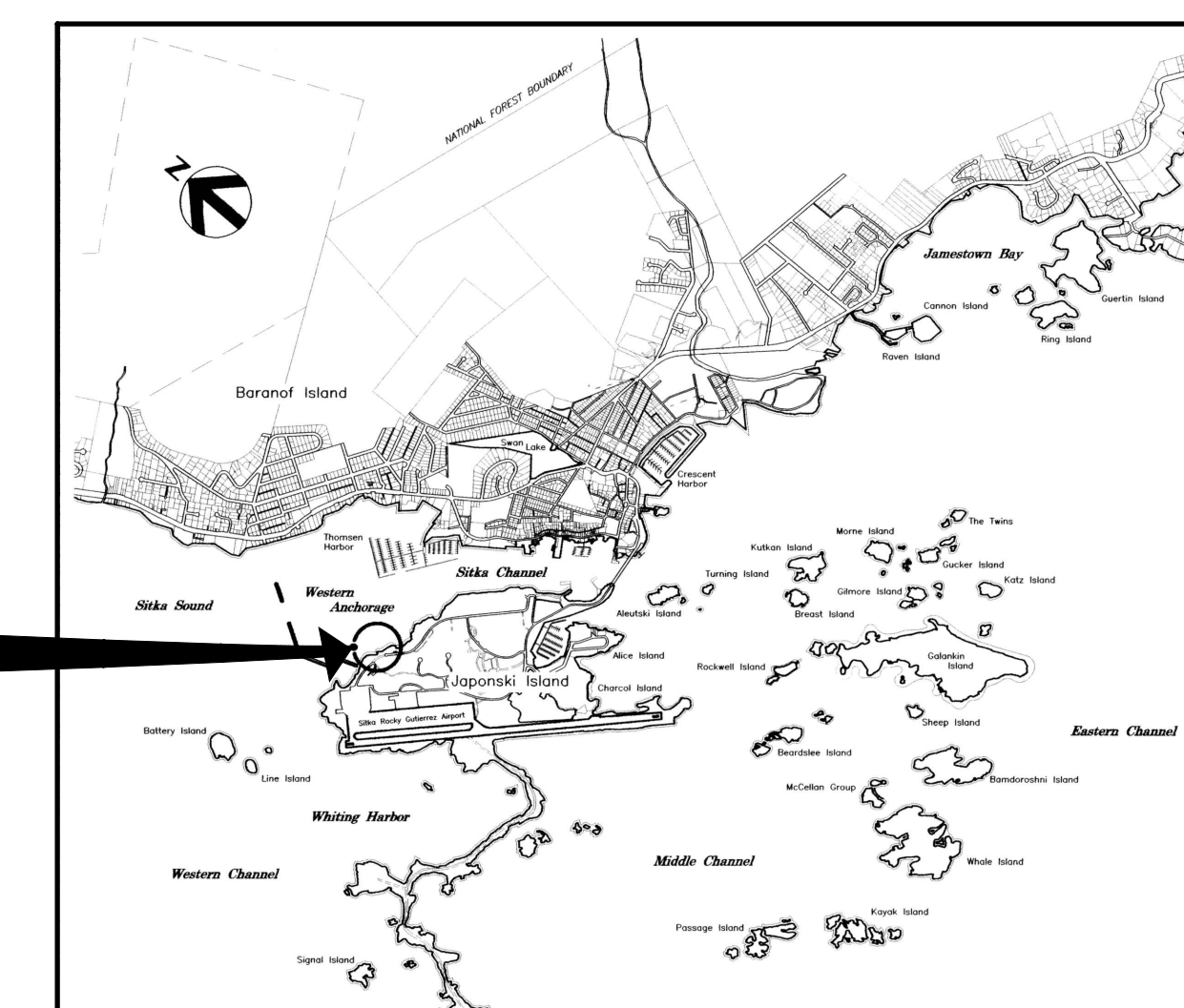
SEAPLANE BASE LAYOUT PLAN

SITKA SEAPLANE BASE (09Q)

AIP NO. 3-02-0488-001-2019
APRIL 2021




DRAWING INDEX	
SHEET NO.	SHEET TITLE
1	TITLE SHEET
2	DATA SHEET
3	LAYOUT PLAN
4	FACILITIES AREA
5	LAND USE PLAN
6	PROPERTY MAP



BY	DATE	REVISION

SPONSOR APPROVAL:	DATE: _____
PREPARED BY: _____	DATE: _____
AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO ALP APPROVAL LETTER DATED ____/____/____	
FAA AIRSPACE REVIEW NUMBER: _____	
_____	DATE: _____
FAA, AIRPORTS DIVISION ALASKAN REGION, ALL- _____	


PLAN PREPARED BY:



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 907-780-3533

DATE: 4/7/21



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SEAPLANE BASE LAYOUT PLAN
SITKA, ALASKA

DRAWN: RT	SCALE: AS NOTED
CHECKED: KN	DATE: 4/1/2021
DRAWING NAME	TITLE SHEET
SHEET NO. 1	6

\\ANC-HC-FS01\ANC-Projects\23\63021-01\65CAD\Aviation\ALP\ALP-A29-Title Sheet.dwg

SEAPLANE FACILITY DATA	
ITEM	
AIRPORT TYPE	UTILITY (AIRCRAFT < 12,500 LBS)
AIRPORT ELEVATION	MEAN SEA LEVEL (MSL)
AIRPORT REFERENCE POINT (ARP) LATITUDE	57° 03' 26.26" N (FLOAT GANGWAY LANDING)
AIRPORT REFERENCE POINT (ARP) LONGITUDE	135° 21' 50.90" W (FLOAT GANGWAY LANDING)
MEAN MAXIMUM TEMPERATURE	62° F
AIRPORT TERMINAL NAVAIDS	NONE
AIRPORT APPROACH CATEGORY	A-II
RUNWAY DESIGN GROUP	A-II(S)-VIS
NPIAS SERVICE LEVEL	GENERAL AVIATION (BASIC)
STATE EQUIVALENT SERVICE ROLE	GENERAL AVIATION (BASIC)
CRITICAL AIRCRAFT	CESSNA 208
WING SPAN	52'
LENGTH	37'-7"
WEIGHT EMPTY	4,730 LBS
MAXIMUM TAKEOFF WEIGHT	8,000 LBS
SEA LANE DIMENSIONS (UNMARKED)	200' x 4000'
% WIND COVERAGE	96.24%
CROSS WIND COMPONENT	13.0 KNOTS
SEA LANE MARKING AND LIGHTING	NONE
SEAPLANE BASE OPERATING AREA DIMENSIONS	(VARIES)
RAMP FLOAT DIMENSIONS	46' x 350'
GANGWAY LANDING DIMENSIONS	46' x 120'
GANGWAY GRADIENT	12% MAXIMUM AT MLLW
PULL-OUT RAMP DIMENSIONS	16' x 240'
BASED AIRCRAFT FORECAST:	
5-YEAR	13 AIRCRAFT
10-YEAR	14 AIRCRAFT
20-YEAR	15 AIRCRAFT
SERVICES AVAILABLE	FLOAT LIGHTING, ELECTRICAL POWER, FRESH WATER WASHDOWN, AVIATION FUEL

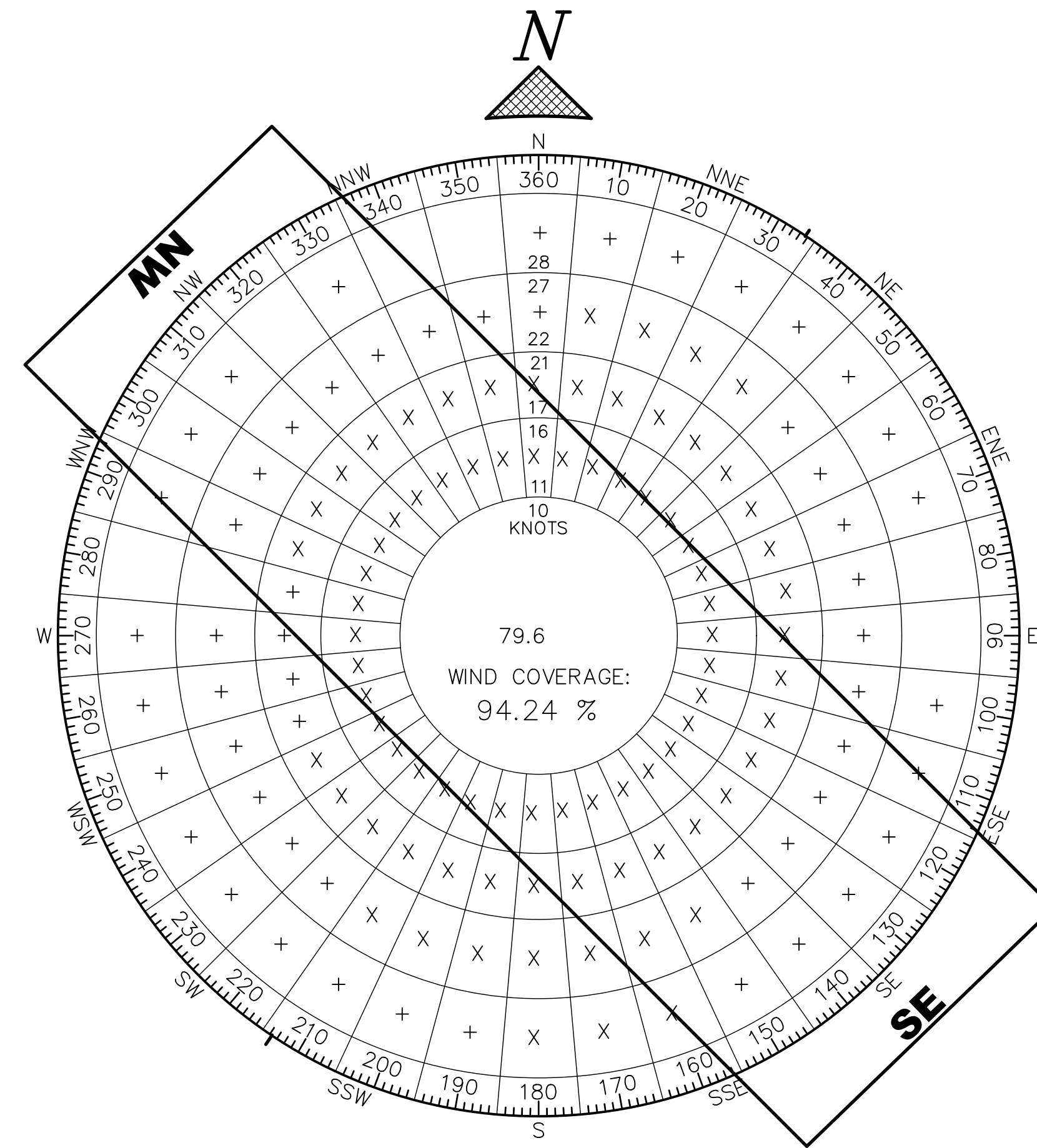
BATHOMETRIC CONTOURS SOUNDED AT MEAN LOWER LOW WATER (MLLW)
 BATHYMETRY DIGITIZED FROM: U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA)
 NOAA CHART - SITKA HARBOR NO. 17327 (1979)

TIDAL DATUM	
OBSERVATION	TIDE ELEVATION (FEET)
HIGHEST OBSERVED WATER LEVEL (11/02/1948)	14.68
MEAN HIGHER HIGH WATER (MHHW)	9.91
MEAN HIGH WATER (MHW)	9.14
MEAN HIGH TIDE LEVEL (MTL)	5.29
MEAN LOW WATER (MLW)	1.45
MEAN LOWER LOW WATER (MLLW)	0.00
LOWEST OBSERVED WATER LEVEL (07/21/1978)	-3.82

BATHOMETRIC CONTOURS SOUNDED AT MEAN LOWER LOW WATER (MLLW)
 BATHYMETRY DIGITIZED FROM: U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA)
 NOAA CHART - SITKA HARBOR NO. 17327 (1979)

BY	DATE	REVISION

- NOTES:
1. RUNWAY DATA TABLE NOT INCLUDED, AS DATA IS LISTED UNDER SEAPLANE FACILITY DATA TABLE.
 2. WATER LANE THRESHOLDS ARE NOT MARKED.
 3. DUE TO THE LACK OF MARKING THE WATER LANE WILL NOT BE PROTECTED BY PART 77.



WIND DATA

NOTE: WIND SPEED IS INDICATED IN KNOTS.

ALL WEATHER WIND DATA		
RUNWAY	10.5 KNOTS	13 KNOTS
RW 7/25	94.24%	96.24%

SOURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA), SITKA, ALASKA 2010-2019 (10 YEARS)


NOTE: THE WINDROSE WAS GENERATED BASED ON SITKA ROCKY GUTIERREZ AIRPORT

SURVEY CONTROL

HORIZONTAL CONTROL - ASPC ZONE 1, NAD83(2011)
 HORIZONTAL CONTROL IS ALASKA STATE PLANE, ZONE 1, NAD83 2011 (2010.00), IN US SURVEY FEET BASED ON A FULLY CONSTRAINED STATIC GPS NETWORK HOLDING THE PUBLISHED NAD83 2011 EPOCH 2010.00 VALUES OF NGS CORS STATIONS: "LEVEL ISLAND 5 CORS ARP" (PID DJ3033); "BIORKA ISLAND 6 CORS ARP" (PID DK6554); "PORTALEXANDERAK2005 CORS ARP" (PID DL6695).

VERTICAL CONTROL - NAVD88
 VERTICAL CONTROL IS MEAN LOWER LOW WATER (MLLW=0.0'), BASED ON THE NOAA/NOS TIDAL BENCH MARK LIST "9451600 SITKA, BARANOF ISLAND, SITKA SOUND ALASKA", PUBLISHED 05/17/2017. THIS TIDAL DATUM IS BASED ON THE 1983-2001 TIDAL EPOCH AND IS REFERENCED BY HOLDING NOAA/NOS TIDAL BENCH MARK "945 1600 L 1982" (VM#1186) AS 40.32'.


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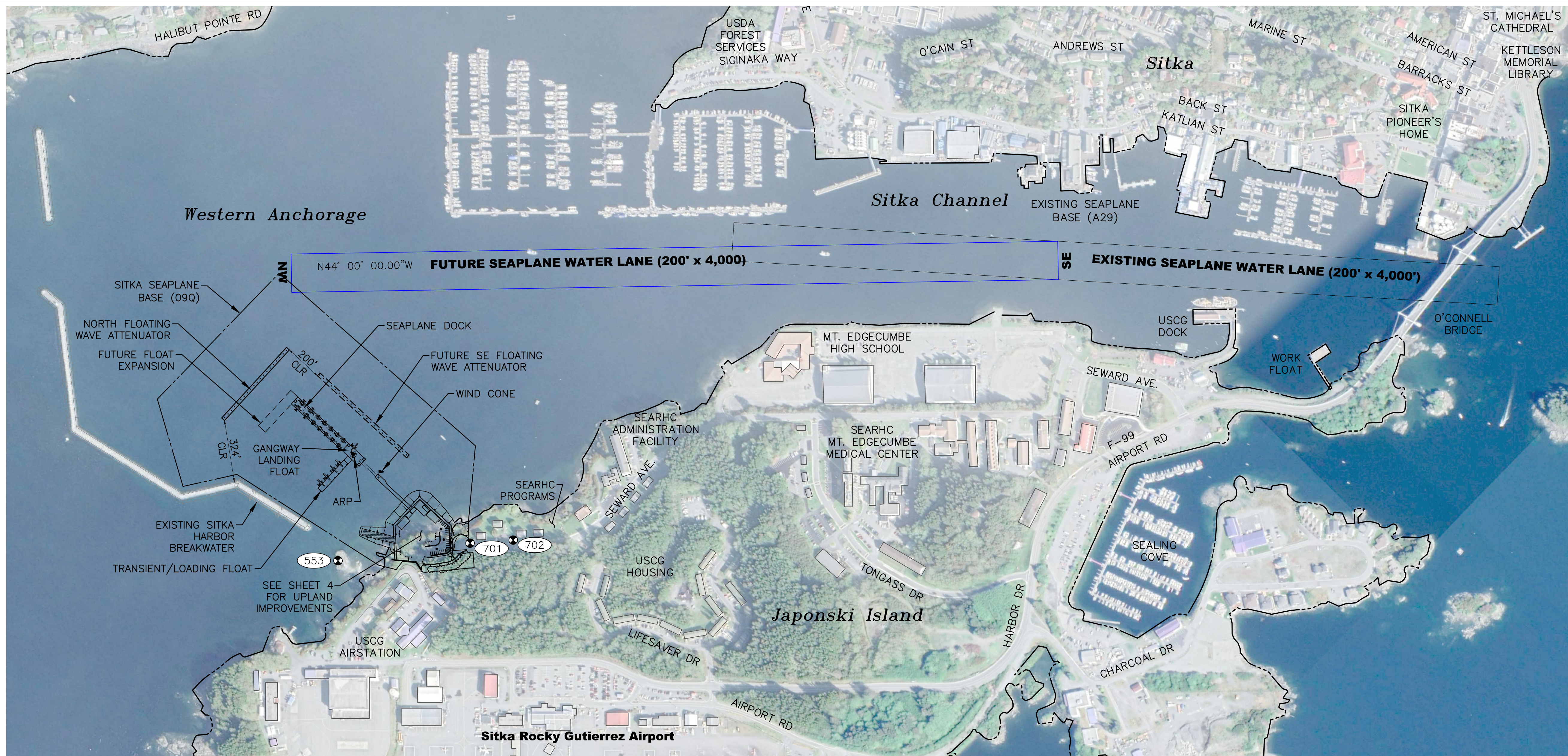
DATE: 4/7/21





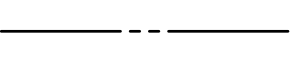

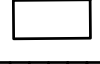
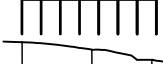

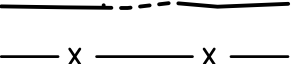



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SEAPLANE BASE
 LAYOUT PLAN
 SITKA, ALASKA

DRAWN:	RT	SCALE:	A5 NOTED
CHECKED:	KN	DATE:	4/1/2021
DRAWING NAME:	DATA SHEET		
SHEET NO.:	2 / 6		





LEGEND

-  SURVEY MONUMENT
-  SURVEY POINT NUMBER
-  PROPERTY BOUNDARY LINE
-  EXISTING BUILDING
-  PROPOSED BUILDING
-  PARKING STALLS
-  FILL AREA
-  SHORELINE
-  PROPOSED FENCE LINE
-  AIRPORT REFERENCE POINT
-  WIND CONE

AIRPORT SURVEY CONTROL POINTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
553	1911615.84	2347615.15	12.48	BRASS CAP
701	1911174.53	2348152.13	29.88	BRASS CAP
702	1911021.35	2348317.63	29.14	BRASS CAP

BY	DATE	REVISION

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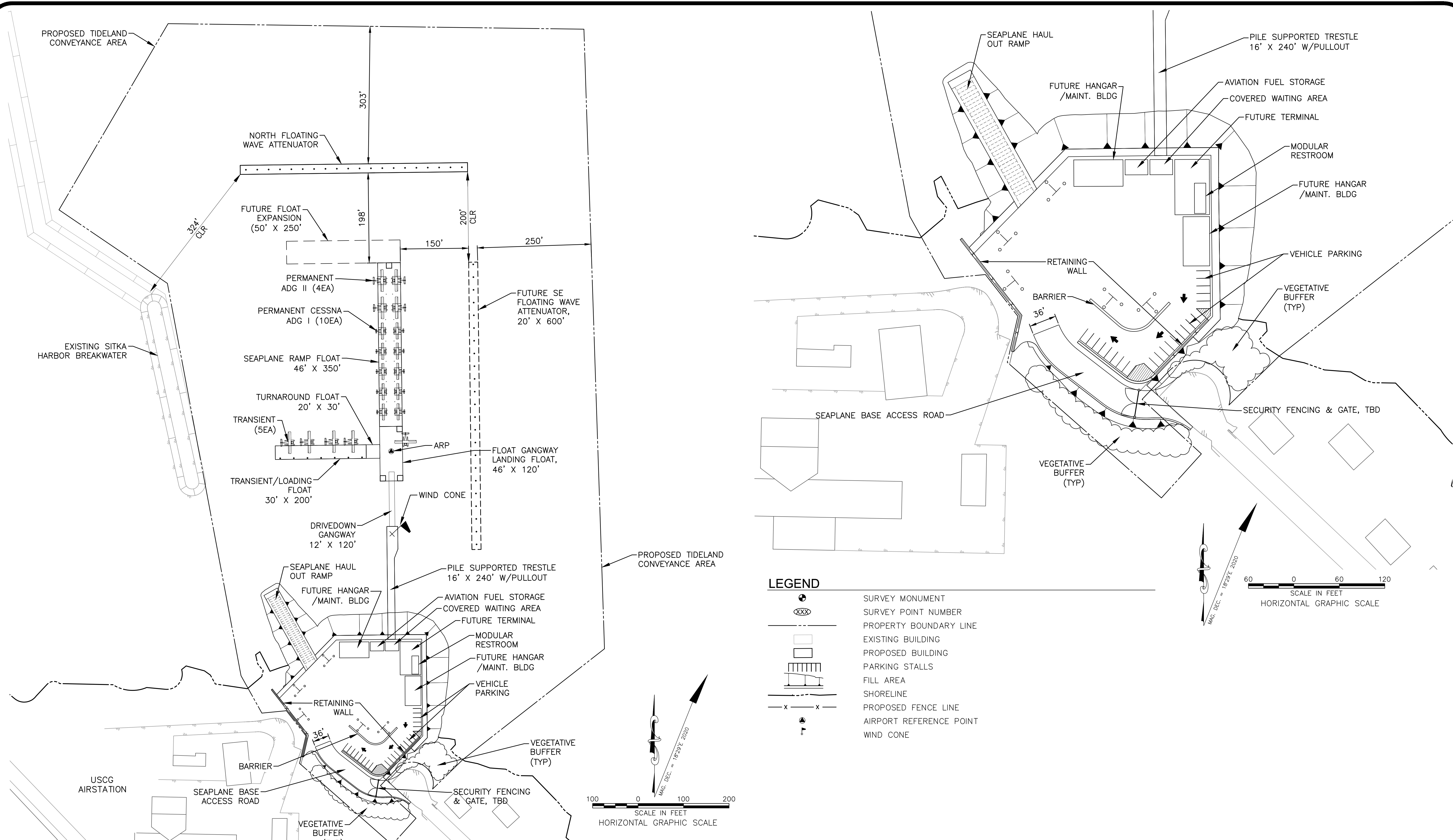
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**SEAPLANE BASE
 LAYOUT PLAN
 SITKA, ALASKA**

DRAWN: RT SCALE: AS NOTED
 CHECKED: KN DATE: 4/1/2021
 DRAWING NAME: LAYOUT PLAN
 SHEET NO. 3 / 6

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\\ANC-HC-FS01\ANC-Projects\23\63021-01\65CAD\Aviation\ALP\ALP-A29-Facilities Area Drawing.dwg



- LEGEND**
- SURVEY MONUMENT
 - ⊗ SURVEY POINT NUMBER
 - PROPERTY BOUNDARY LINE
 - ▭ EXISTING BUILDING
 - ▭ PROPOSED BUILDING
 - ▭ PARKING STALLS
 - ▭ FILL AREA
 - SHORELINE
 - x - x - PROPOSED FENCE LINE
 - ▲ AIRPORT REFERENCE POINT
 - ⊙ WIND CONE

BY	DATE	REVISION

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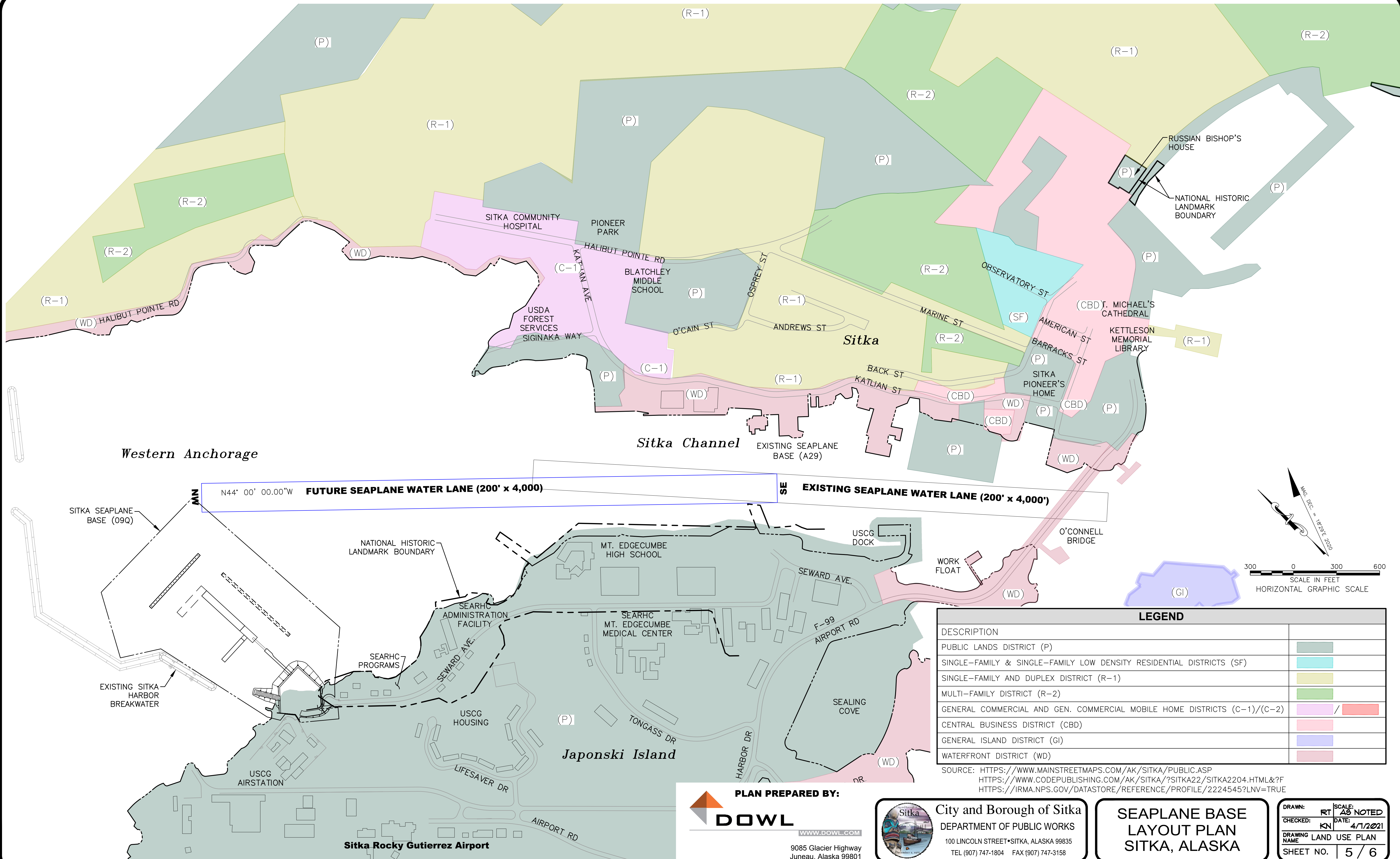
DATE: 4/7/21

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SEAPLANE BASE LAYOUT PLAN SITKA, ALASKA

DRAWN: RT
 CHECKED: KN
 DRAWING NAME: FACILITIES AREA
 SHEET NO. 4 / 6

SCALE: AS NOTED
 DATE: 4/1/2021



Western Anchorage

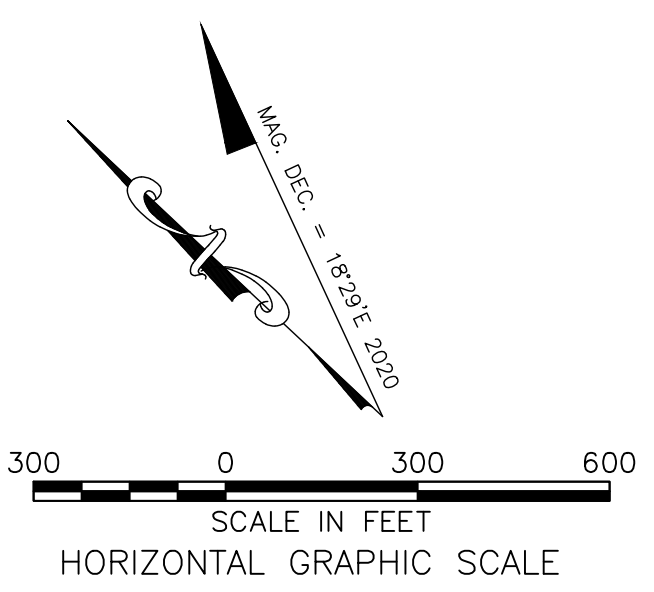
Sitka Channel

Sitka

Japonski Island


Sitka Rocky Gutierrez Airport


N44° 00' 00.00"W **FUTURE SEAPLANE WATER LANE (200' x 4,000')** **EXISTING SEAPLANE WATER LANE (200' x 4,000')**



LEGEND	
DESCRIPTION	
PUBLIC LANDS DISTRICT (P)	[Light Green Box]
SINGLE-FAMILY & SINGLE-FAMILY LOW DENSITY RESIDENTIAL DISTRICTS (SF)	[Light Blue Box]
SINGLE-FAMILY AND DUPLEX DISTRICT (R-1)	[Light Yellow Box]
MULTI-FAMILY DISTRICT (R-2)	[Light Green Box]
GENERAL COMMERCIAL AND GEN. COMMERCIAL MOBILE HOME DISTRICTS (C-1)/(C-2)	[Light Purple / Light Red Box]
CENTRAL BUSINESS DISTRICT (CBD)	[Light Red Box]
GENERAL ISLAND DISTRICT (GI)	[Light Blue Box]
WATERFRONT DISTRICT (WD)	[Light Red Box]

SOURCE: [HTTPS://WWW.MAINSTREETMAPS.COM/AK/SITKA/PUBLIC.ASP](https://www.mainstreetmaps.com/ak/sitka/public.asp)
[HTTPS://WWW.CODEPUBLISHING.COM/AK/SITKA/?SITKA22/SITKA2204.HTML&?F](https://www.codepublishing.com/ak/sitka/?sitka22/sitka2204.html&?f)
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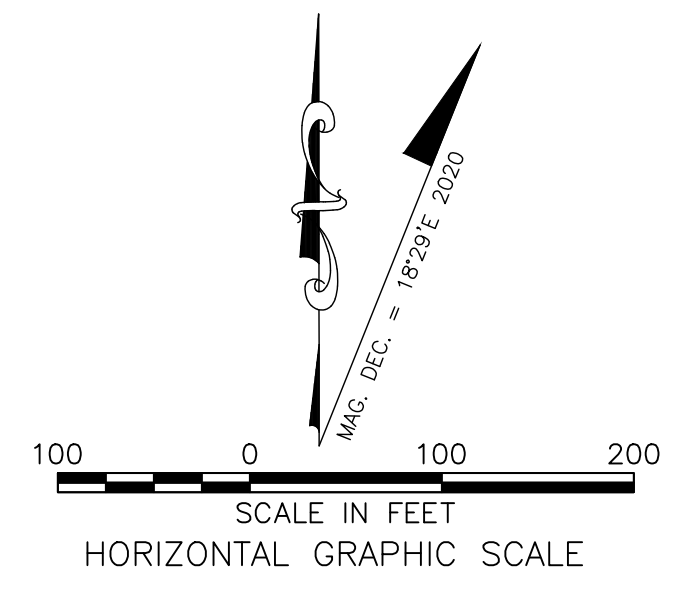
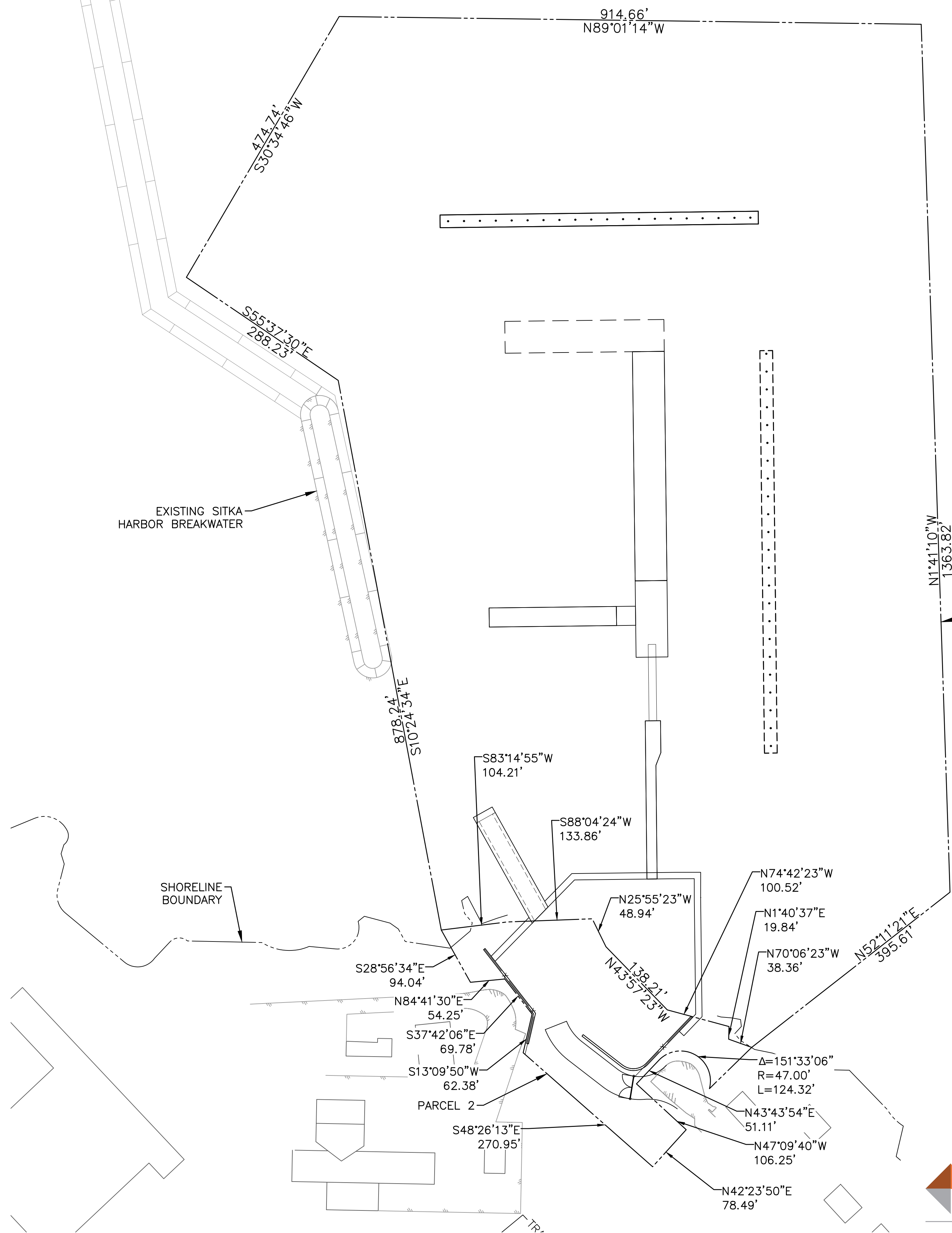
**SEAPLANE BASE
 LAYOUT PLAN
 SITKA, ALASKA**

DRAWN: RT SCALE: AS NOTED
 CHECKED: KN DATE: 4/1/2021
 DRAWING NAME: LAND USE PLAN
 SHEET NO. 5 / 6

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DATE: 4/7/21

\\ANC-HG-FS01\ANC-Projects\23\63021-01\65CAD\Aviation\ALP\ALP-A29-Property Map-Exhibit A.dwg



LEGEND

- PROPERTY BOUNDARY LINE
- SHORELINE
- EXISTING EDGE OF PAVEMENT
- EXISTING BUILDING
- PROPOSED BUILDING
- RAMP FLOAT
- FUTURE RAMP FLOAT EXPANSION
- FLOATING WAVE ATTENUATOR
- FUTURE FLOATING WAVE ATTENUATOR
- PROPOSED GATE
- PROPOSED FENCE LINE

PROPERTY STATUS								
TRACT	PARCEL	INTEREST	GRANTOR	GRANTEE	PARCEL SIZE (ACRES)	DATE ACQUIRED	RECORDED DOC. NO	ACQUIRED ADA/A.L.P. NO.
I	1	(TIDE & SUBMERGED LANDS) I.L.M.A.	DNR	CBS	31.8			
I	2	PORTION OF A.D.L. 20877 TO BE RELEASED TO CBS	ADEED	CBS	1.7			

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**SEAPLANE BASE
LAYOUT PLAN
SITKA, ALASKA**

DRAWN: RT	SCALE: AS NOTED
CHECKED: KN	DATE: 4/7/2021
DRAWING NAME: EXHIBIT A - PROPERTY MAP	
SHEET NO. 6	6 / 6