



December 2, 2024

Nicholas Baggett
ATTN: Kenai Field Office
P.O. Box 6898
JBER, Alaska 99506-0898
Nicholas.S.Baggett@usace.army.mil

**Subject: Individual Permit Application
POA-2023-00433; Sitka Seaplane Base**

Dear Mr. Baggett,

On behalf of the City and Borough of Sitka (CBS), DOWL is submitting an individual permit application to place fill material in wetlands and Sitka Harbor for a proposed Seaplane Base (SPB), west of the City of Sitka, Alaska (Attachments 1 and 2). The new SPB will replace the existing SPB located on the eastern shore of Sitka Channel, near Eliason Harbor and downtown Sitka. The new SPB would be located near 1190 Seward Avenue on the northwest side of Japonski Island, approximately 1.5 miles west of downtown Sitka at 57.0568 North Latitude; 135.3595 West Longitude (Sec. 34 and 35, Township 55S, Range 63E, Copper River Meridian, United States Geological Survey Quadrangle Sitka A5).

Regulatory Setting: The proposed project will involve work in terrestrial wetlands, and intertidal and marine waters of Sitka Harbor under U.S. Army Corps of Engineers jurisdiction per Section 10 of the Rivers and Harbors Act and Section 404 of the Clean Water Act. Waters of the U.S. impacted by the proposed project include wetlands.

Purpose and Need: The purpose of the Project is to provide safe and reliable seaplane access to Sitka by constructing a new SPB and deactivate/decommission the existing 65-year-old base which is at the end of its useful life and in poor condition. The project is needed to address capacity, safety, operational, and condition deficiencies at the existing SPB, which is located in a congested location with conflicting adjacent uses has insufficient capacity and space to accommodate current and future demand. It has poor, unsafe dock conditions for fueling and maneuvering, is adjacent to a congested sea lane and has only eight docking spaces which are reduced to four during low tide. The current SPB also has wildlife conflicts with a nearby seafood processing plant and requires pilots to navigate a busy channel with ship traffic.

Please review the provided information at your earliest convenience and deem the application is complete. If you have any questions or require additional information, please contact me by email at jgrabel@dowl.com or by telephone at (907) 562-2000.

Sincerely,
DOWL

A handwritten signature in black ink, appearing to read "Josh Grabel".

Josh Grabel
Environmental Specialist

Attachment(s):

1. ENG Form 4345
2. Figures
3. Supplemental Information

ATTACHMENT 1 – ENG FORM 4345

U.S. Army Corps of Engineers (USACE) APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT For use of this form, see 33 CFR 325. The proponent agency is CECW-CO-R.	Form Approved - OMB No. 0710-0003 Expires: 08-31-2023
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The public reporting burden for this collection of information, OMB Control Number 0710-0003, is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR APPLICATION TO THE ABOVE EMAIL.

PRIVACY ACT STATEMENT

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned. System of Record Notice (SORN). The information received is entered into our permit tracking database and a SORN has been completed (SORN #A1145b) and may be accessed at the following website: <http://dpcl.dod.mil/Privacy/SORNsIndex/DOD-wide-SORN-Article-View/Article/570115/a1145b-ce.aspx>

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)

1. APPLICATION NO. POA-2023-00433	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETE
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(ITEMS BELOW TO BE FILLED BY APPLICANT)

5. APPLICANT'S NAME First - Joseph Middle - Last - Bea Company - City and Borough of Sitka E-mail Address - joseph.bea@cityofsitka.org	8. AUTHORIZED AGENT'S NAME AND TITLE (agent is not required) First - Josh Middle - Last - Gabel Company - DOWL E-mail Address - jgrabel@dowl.com
6. APPLICANT'S ADDRESS: Address- 100 Lincoln St. City - Sitka State - Alaska Zip - 99835 Country -	9. AGENT'S ADDRESS: Address- 5015 Business Park Blvd #4000 City - Anchorage State - Alaska Zip - 9950 Country - USA
7. APPLICANT'S PHONE NOs. w/AREA CODE a. Residence b. Business c. Fax 907-747-1803	10. AGENTS PHONE NOs. w/AREA CODE a. Residence b. Business c. Fax 907-562-2000

STATEMENT OF AUTHORIZATION

11. I hereby authorize, Josh Gabel to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.


 _____ 12/3/2024
 SIGNATURE OF APPLICANT DATE

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY

12. PROJECT NAME OR TITLE (see instructions) New Sitka Seaplane Base	
13. NAME OF WATERBODY, IF KNOWN (if applicable) Sitka Harbor	14. PROJECT STREET ADDRESS (if applicable) Address 1190 Seward Avenue
15. LOCATION OF PROJECT Latitude: °N 57.0568 Longitude: °W -135.3595	City - Sitka State- Alaska Zip- 99835
16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (see instructions) State Tax Parcel ID Municipality City and Borough of Sitka Section - 34 and 35 Township - 55 South Range - 63 East	

17. DIRECTIONS TO THE SITE

From Sitka Airport, follow Airport Road toward the City Center. Turn left on Tongass Drive. Turn left on Seward Avenue and follow to the end of the road. Project is located north of the dead end cul-de-sac.

18. Nature of Activity (Description of project, include all features)

See supplemental information.

19. Project Purpose (Describe the reason or purpose of the project, see instructions)

See cover letter.

USE BLOCKS 20-23 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

20. Reason(s) for Discharge

Fill material would be excavated from wetlands, and excavated and discharged to waters of the U.S. for construction of a new seaplane base. Based on the nature of the activity, impacts to waters of the U.S. are unavoidable.

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards:

Type	Type	Type
Amount in Cubic Yards	Amount in Cubic Yards	Amount in Cubic Yards
See supplemental information		

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Acres 2.45
or
Linear Feet

23. Description of Avoidance, Minimization, and Compensation (see instructions)

See supplemental information.

24. Is Any Portion of the Work Already Complete? Yes No IF YES, DESCRIBE THE COMPLETED WORK

25. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list).

a. Address- SEARHC- 222 Tongass Dr

City - Sitka State - Alaska Zip - 99835

b. Address- U.S. Coast Guard- 611 Airport Road

City - Sitka State - Alaska Zip - 99835

c. Address-

City - State - Zip -

d. Address-

City - State - Zip -

e. Address-


City - State - Zip -

26. List of Other Certificates or Approvals/Denials received from other Federal, State, or Local Agencies for Work Described in This Application.

AGENCY	TYPE APPROVAL*	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED
See supplemental	Information.				

* Would include but is not restricted to zoning, building, and flood plain permits

27. Application is hereby made for permit or permits to authorize the work described in this application. I certify that this information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

 12/3/2024 _____
SIGNATURE OF APPLICANT DATE SIGNATURE OF AGENT DATE

The Application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.

ATTACHMENT 2 – FIGURES

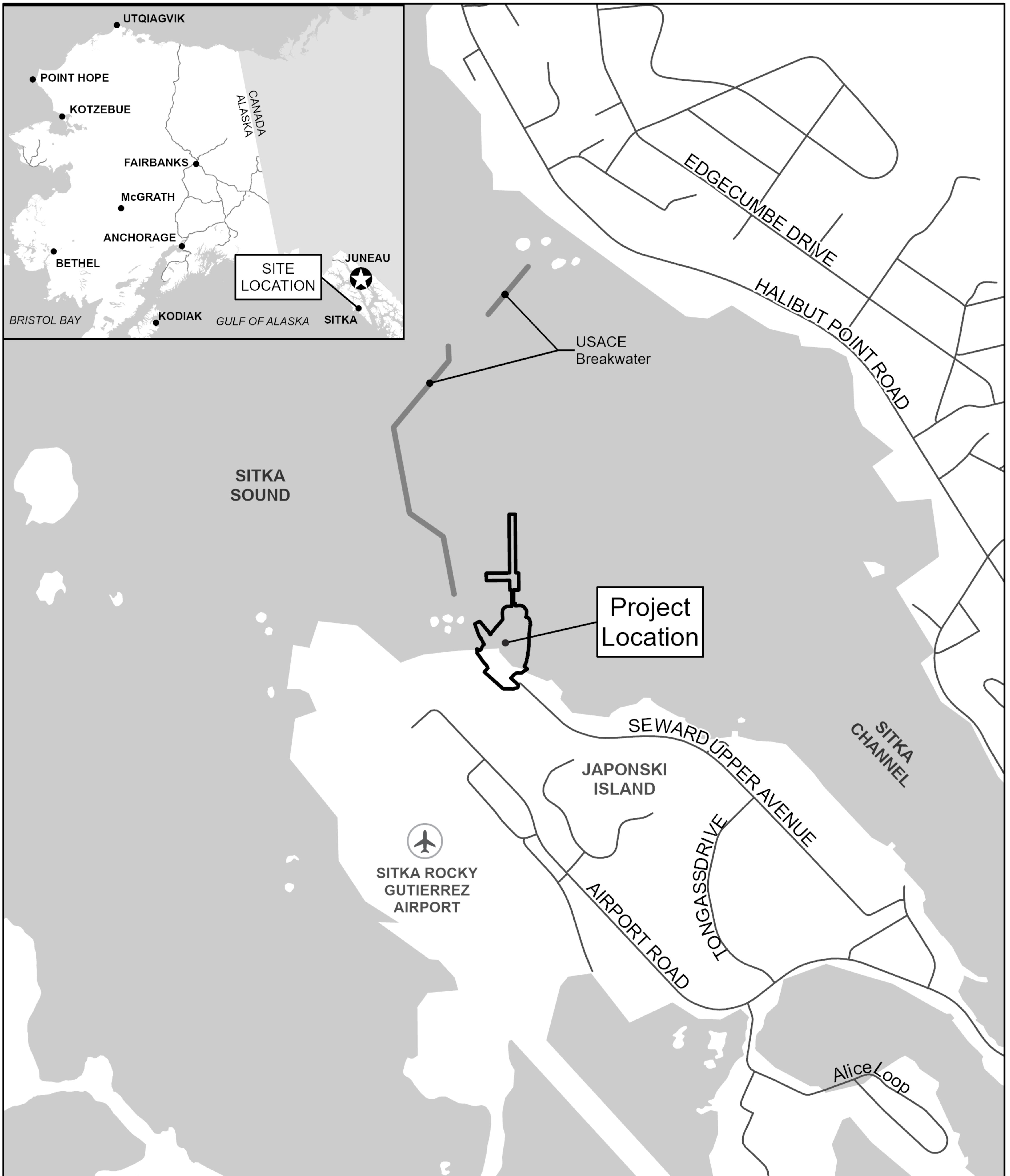


FIGURE 1: Vicinity Map

POA-2020-00370
 Applicant: City and Borough of Sitka
 Proposed Activity: Sitka Seaplane Base
 Section 34-35 T 55 S, R 63 E Copper River Meridian USGS
 Lat.: 57.055868° N Long.: 135.364283° W
 Sheet: 1 of 6

Date: 11/22/2024

-  Project Outline
-  DOT&PF Road

0 0.1 0.2 Mile



SITKA CHANNEL

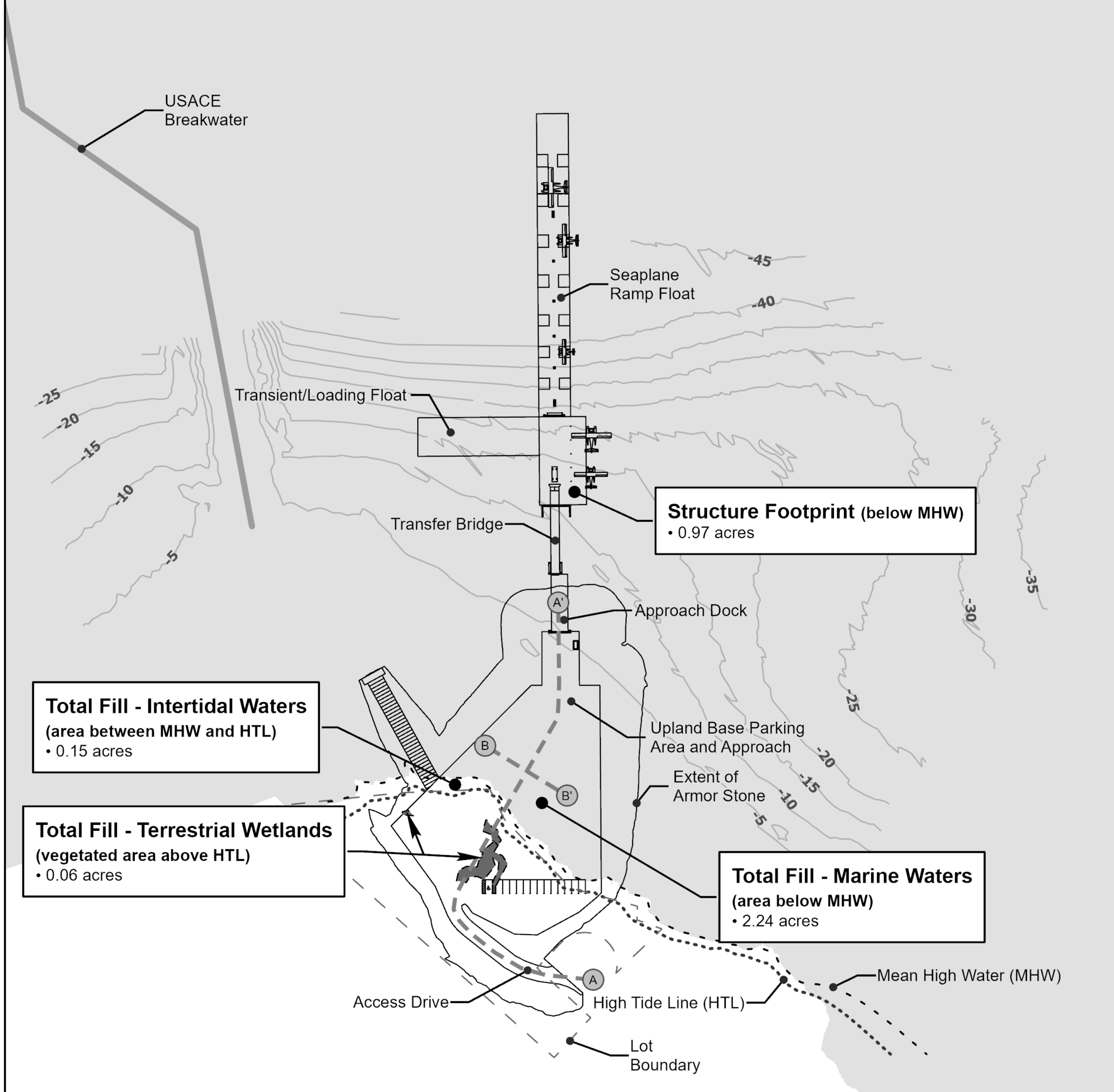


FIGURE 2: Plan View - Proposed

POA-2020-00370
 Applicant: City and Borough of Sitka
 Proposed Activity: Sitka Seaplane Base
 Section 34-35 T 55 S, R 63 E Copper River Meridian USGS
 Lat.: 57.055868° N Long.: 135.364283° W
 Sheet: 2 of 6

Date: 11/22/2024

Lot Boundary	High Tide Line (HTL)
Waterbody	Mean High Water (MHW)
Wetland Impact	Water Depth (feet)

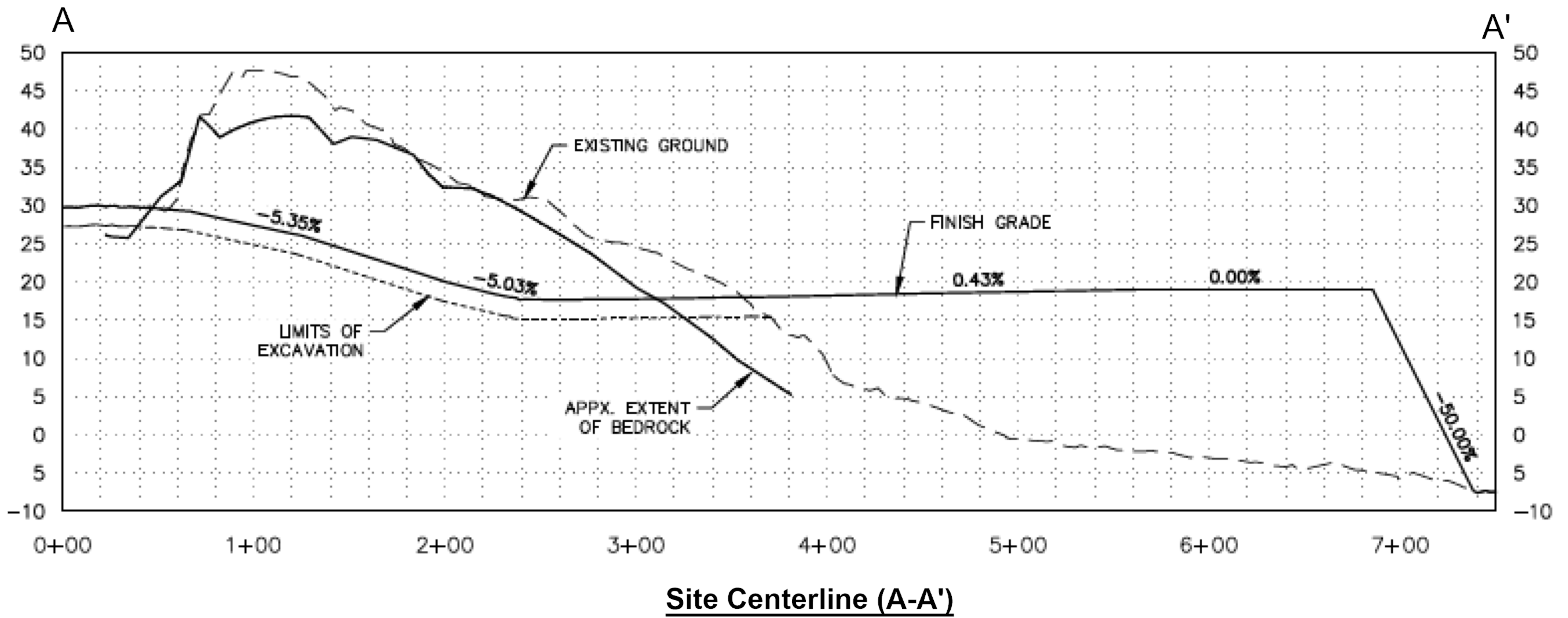


FIGURE 3A: Elevation View

POA-2020-00370

Applicant: City and Borough of Sitka

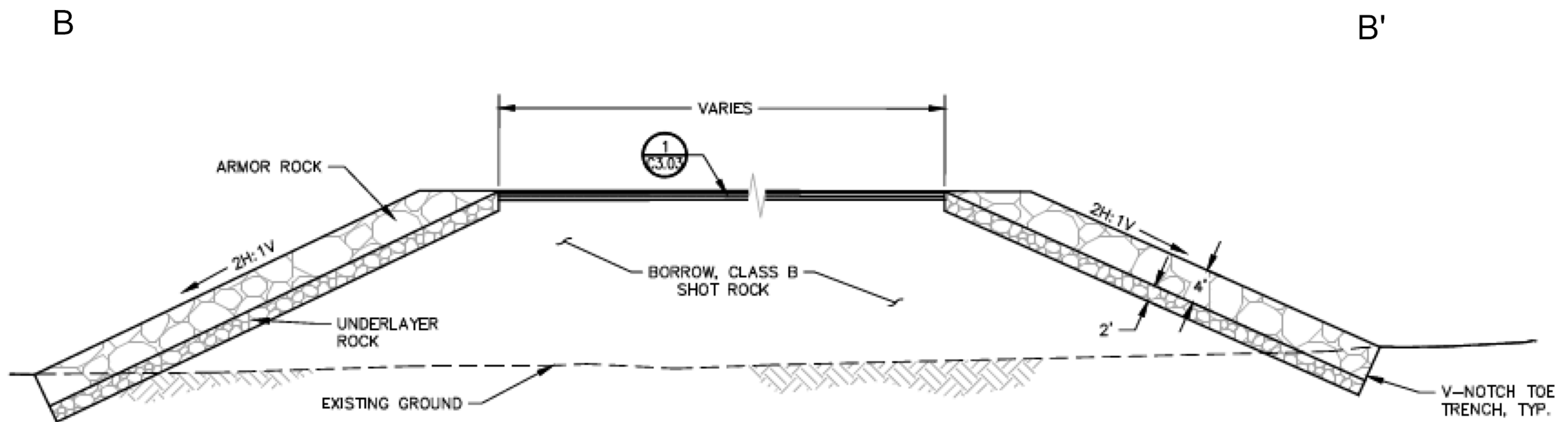
Proposed Activity: Sitka Seaplane Base

Section 34-35 T 55 S, R 63 E Copper River Meridian USGS

Lat.: 57.055868° N Long.: 135.364283° W

Sheet: 3 of 6

Date: 11/22/2024



Uplands Section - Typical (B-B')

FIGURE 3B: Elevation View

POA-2020-00370

Applicant: City and Borough of Sitka

Proposed Activity: Sitka Seaplane Base

Section 34-35 T 55 S, R 63 E Copper River Meridian USGS

Lat.: 57.055868° N Long.: 135.364283° W

Sheet: 4 of 6

Date: 11/22/2024

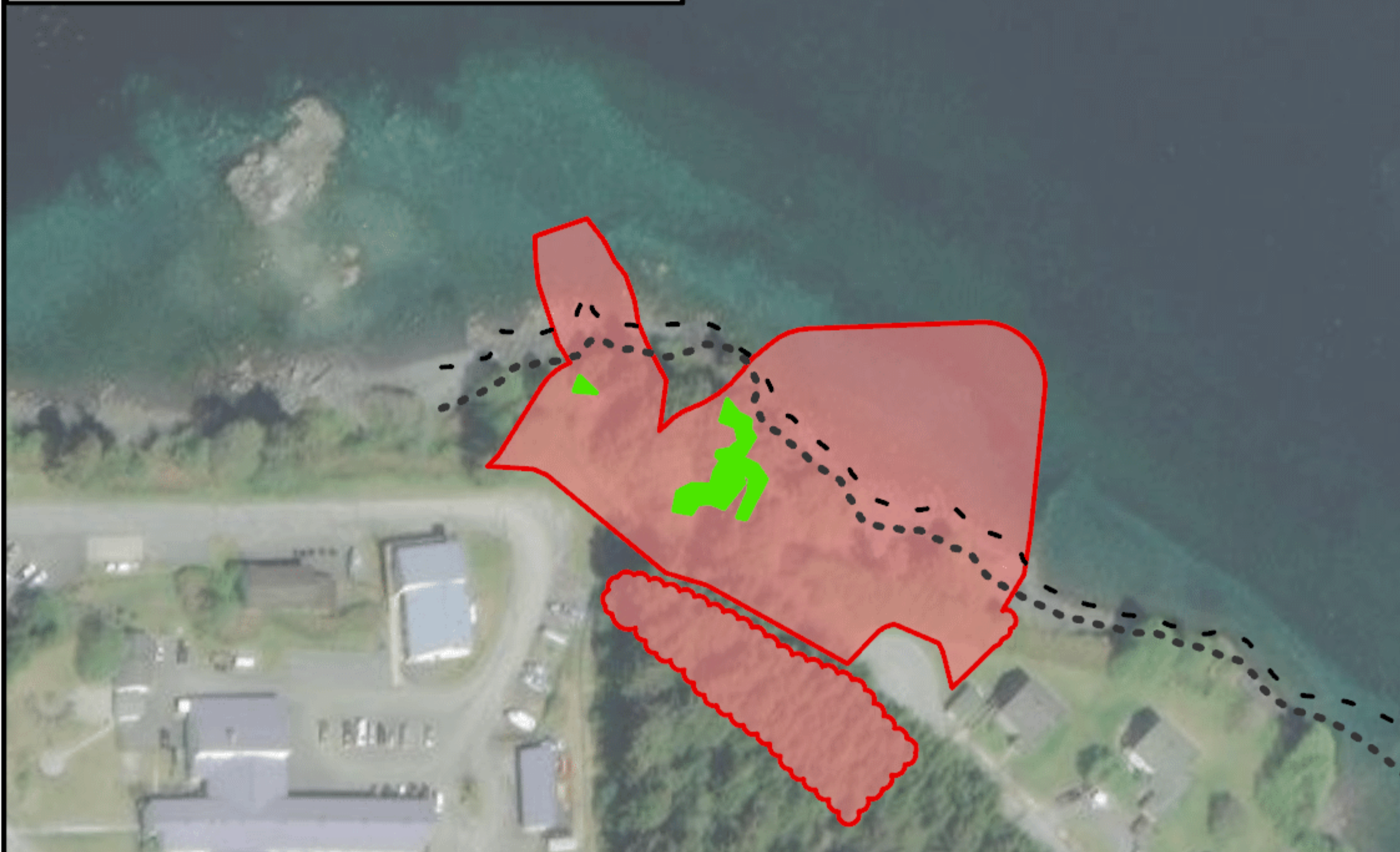
Concept A
 Marine Waters Impact: 0.8 acres
 Intertidal Waters Impact: 0.16 acres
 Wetlands Impact: 0.06 acres



Concept B
 Marine Waters Impact: 0.11 acres
 Intertidal Waters Impact: 0.04 acres
 Wetlands Impact: 0.05 acres



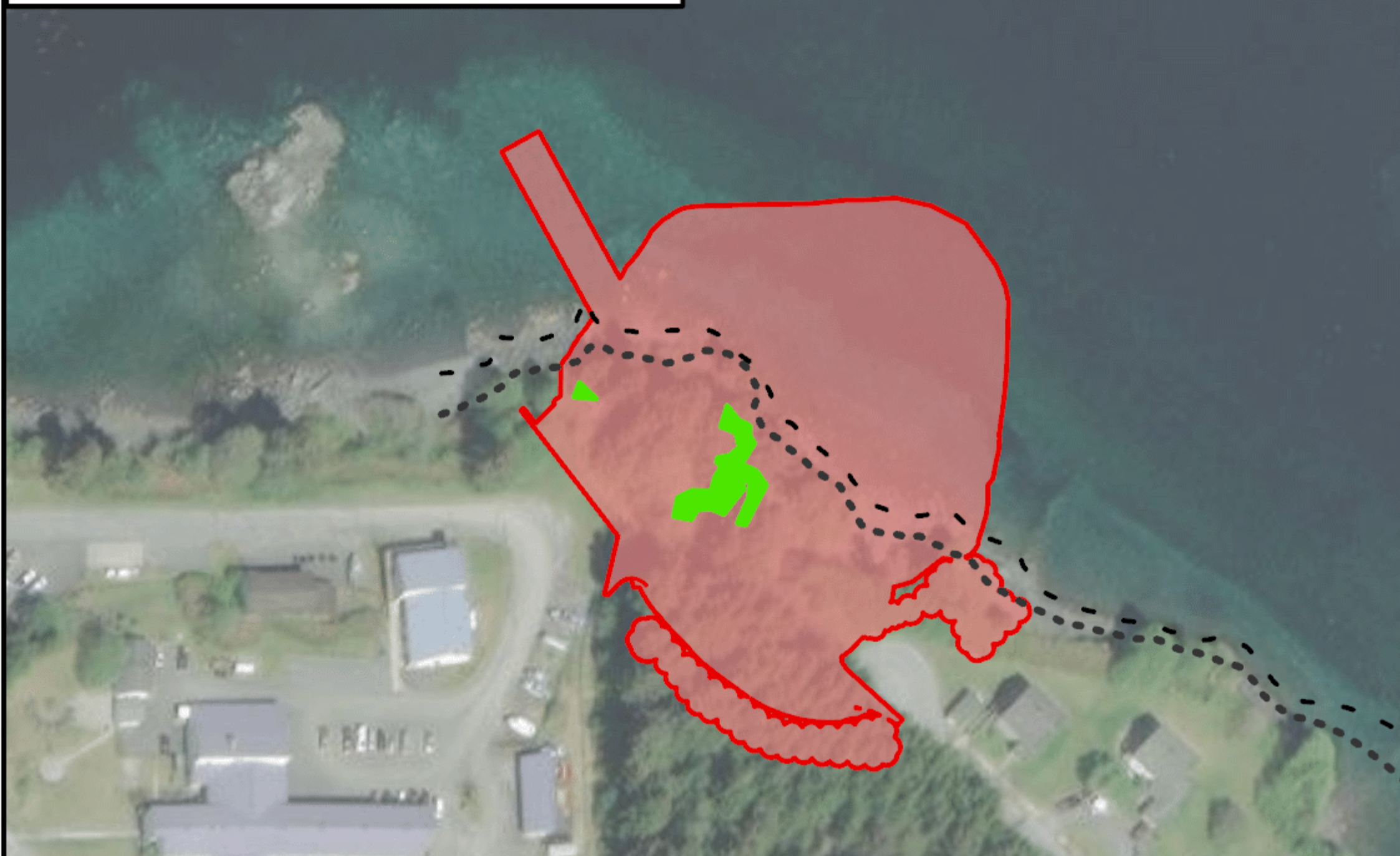
Concept C
 Marine Waters Impact: 0.76 acres
 Intertidal Waters Impact: 0.16 acres
 Wetlands Impact: 0.06 acres



Concept D
 Marine Waters Impact: 1.87 acres
 Intertidal Waters Impact: 0.21 acres
 Wetlands Impact: 0.06 acres



Concept E
 Marine Waters Impact: 1.34 acres
 Intertidal Waters Impact: 0.16 acres
 Wetlands Impact: 0.06 acres



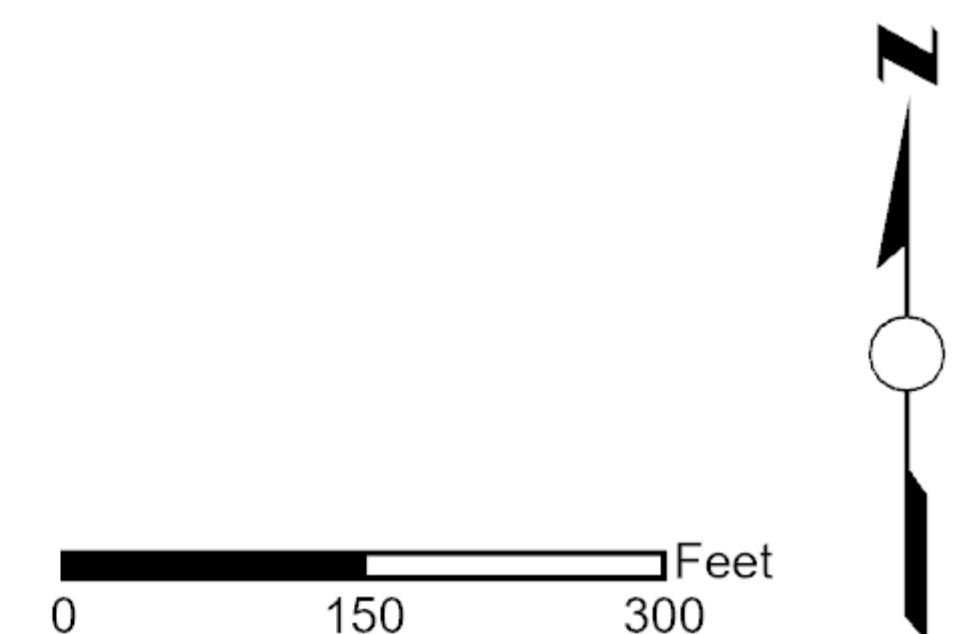
Concept F
 (Preferred Concept)
 Marine Waters Impact: 2.24 acres
 Intertidal Waters Impact: 0.15 acres
 Wetlands Impact: 0.06 acres



FIGURE 4: Concept Alternatives

POA-2020-00370
 Applicant: City and Borough of Sitka
 Proposed Activity: Sitka Seaplane Base
 Section 34-35 T 55 S, R 63 E Copper River Meridian USGS
 Lat.: 57.055868° N Long.: 135.364283° W
 Sheet: 5 of 6 Date: 11/22/2024

- Concept Footprint
- Wetland Boundary
- High Tide Line (HTL)
- Mean High Water (MHW)



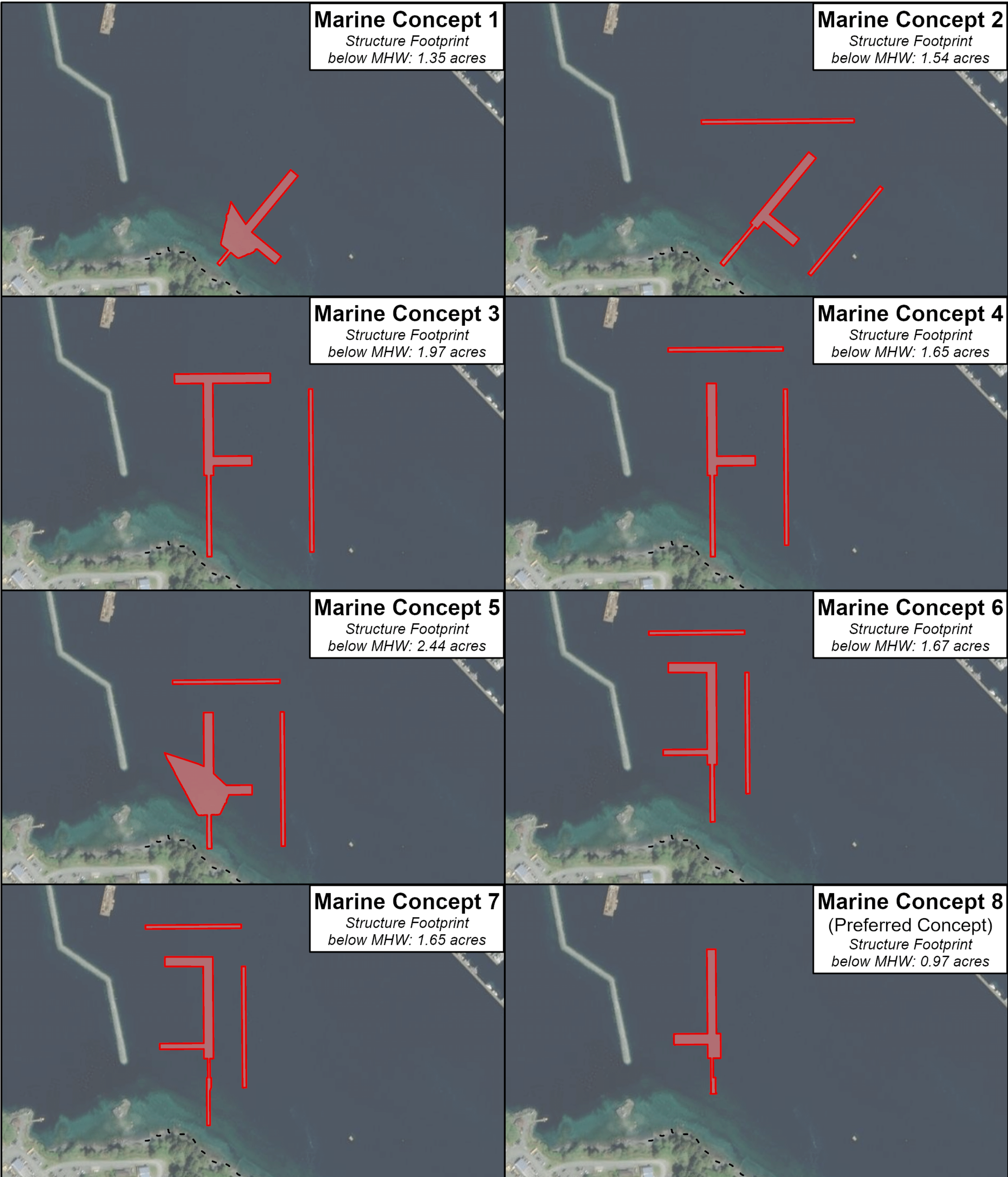
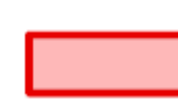
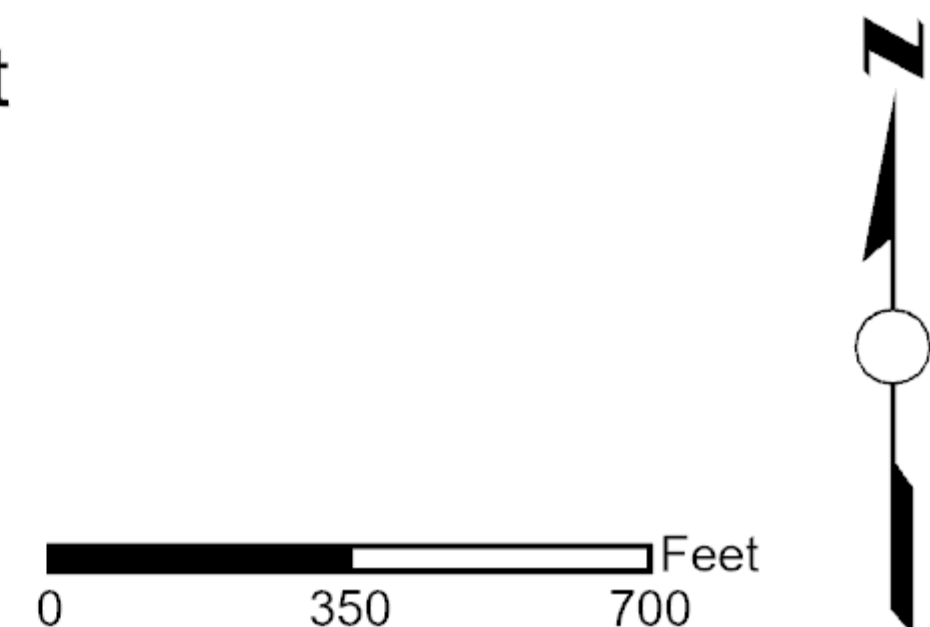


FIGURE 5: Marine Concept Alternatives

POA-2020-00370
 Applicant: City and Borough of Sitka
 Proposed Activity: Sitka Seaplane Base
 Section 34-35 T 55 S, R 63 E Copper River Meridian USGS
 Lat.: 57.055868° N Long.: 135.364283° W
 Sheet: 6 of 6 Date: 11/22/2024

 Marine Concept Footprint
 - - - Mean High Water (MHW)



ATTACHMENT 3 – SUPPLEMENTAL INFORMATION

Supplemental Information

Block 18- Nature of Activity

The project would construct an approximately 3.86-acre gravel pad in uplands, wetlands, and waters of the U.S. on which a haul out ramp and approach dock would be based. The pad would also provide space for vehicle turnaround, parking, basic amenities, curb, vehicle driveway, security fencing, and landscape buffer (Figure 2) (Note: certain components would be in uplands). Material would be excavated from the side slopes above Sitka Channel to level the proposed fill pad, including from wetlands mapped during the 2020 wetland delineation.

Proposed Action (Current)

The proposed action is to construct a new SPB in Sitka Channel (Figure 3A and 3B) and deactivate the existing SPB (Figure 4). The current proposed action consists of the following:

Marine Components (0.97 acres in waters of the U.S.)

- Seaplane Ramp Float to support 10 Cessna and 4 Beaver seaplane berths
- Transient/Loading Dock
- Drive-Down Float
- Transfer Bridge
- Approach Dock foot approach dock on pile foundation

Fill Material in Section 10/404- Base Parking Area and Approach (2.45 acres in waters of the U.S.)

- Seaplane Haulout Ramp
- Utilities include electricity, water, and lighting
- Security fencing
- 14 Parking spaces
- Vegetative Buffer
- Access Driveway
- Covered Shelter
- Other Services (locations to be determined at next design phase)
 - Aircraft tie-downs
 - Maneuvering room
 - Fire Truck Access
 - Restroom

Table 1. Sitka SPB Project Construction Components

Component	Current Proposed Action
Marine Components	0.97 acres in WOUS
<i>Seaplane float with ramps</i>	417 x 46 ft
<i>Transient Loading Float</i>	175 x 56 ft
<i>Drivedown gangway</i>	128 x 68 ft
<i>Transfer Bridge</i>	120 x 12 ft
<i>Approach Dock</i>	80 x 24 ft
Base Parking Area and Approach (acres)	2.45 acres in WOUS
<i>Seaplane haul out ramp</i>	230 x 30 ft
<i>Utilities</i>	electricity, water, and lighting
<i>Parking spaces</i>	14
<i>Security fencing</i>	934 ft
<i>Vegetative Buffer (acres)</i>	0.12
<i>Access driveway</i>	200 x 23 ft
<i>Covered waiting area</i>	yes
Other Actions	
<i>Deactivation of Existing SPB</i>	yes
<i>Construction phasing</i>	Upland Base Parking Area and Approach first, then marine components

The Project would place fill in 0.06 acres of wetlands above HTL, 0.15 acres of intertidal waters between HTL and MWH, and 2.24 acres in marine waters below MHW, resulting in 2.45 acres of fill impacts in WOUS subject to Section 404 of the CWA (Figure 2). Additionally, approximately 0.97 acres of structures below MWH will be placed to support floats, ramps and bridge in marine waters.

Block 21. Type of Material Being Discharged and the Amount of Each Type in Cubic Yards

Table 2. Approximate Fill and Structure Quantities

Construction Component	Cut/Fill Type	Area (Acres)	Total Volume (CY)*
Excavation of Wetland	<i>Cut</i>	<i>0.06</i>	<i>Cut</i>
Fill in intertidal waters (Section 404: Area Between HTL ~13' and MHW ~9.16')	<i>Armor Rock, Underlayment, and Class B Shot Rock</i>	<i>0.15</i>	<i>1,860</i>
Fill in marine waters (Sections 10/404: Area below MHW ~9.16')	<i>Armor Rock, Underlayment, and Class B Shot Rock</i>	<i>2.24</i>	<i>29,150</i>
Total		2.45	31,010
Structures below MHW	<i>Transfer Bridge, Seaplane Ramp Float</i>	<i>0.97</i>	

Block 23- Description of Avoidance, Minimization, and Compensation

Site selection alternatives: Several design alternatives were considered. FAA seaplane base planning criteria and aviation user input were used to evaluate 12 sites in 2002 for a safe takeoff, landing, taxiing, and docking operations and to accommodate facility needs to adequately address forecast operations capacity.

The 2002 study evaluated sites in four steps:

- Site identification
- Fatal Flaw Screening (including topography, wind characteristics, wave characteristics)
- Conceptual Layouts and Evaluation
- Preferred Alternative Recommendation

Nine sites were determined to have fatal flaw due to topography, wind and wave conditions, and other marine traffic congestion issues. Three sites were identified as reasonable alternatives all located on Japonski Island’s northeast shore. Additional site selection analyses conducted in 2012 and 2016 recommended the site at the northeast end of Japonski Island as the Proposed Alternative (DOWL HKM).

Design alternatives:

On-site fill pad alternatives included (Figure 4):

Concept A- is a large fill pad footprint at approximately 2.4 acres in overall size. Concept A included a 2,400 square feet office, waiting shelter, restrooms, and shop. Also included was a 2,400 square feet

building expansion option and 20 vehicle parking stalls. Concept A consists of 0.06 acre of wetland and 1.0 acre of waters of the U.S. Impacts.

Concept B- is the smallest fill pad footprint at approximately 1.1 acres in overall size. The majority of the fill footprint is restricted to the existing parcel with the exception of the seaplane haulout ramp. This concept avoided impacts to the historic bunker. Concept B included only 9 vehicle parking stalls and no waiting shelter. Concept A consists of 0.05 acre of wetland and 0.2 acre of waters of the U.S. Impacts.

Concept C- is a mid-range development footprint at approximately 2.0 acres in overall size. Concept C included a 2,400 square feet office, waiting shelter, restrooms, and shop. Also included was a 2,400 square feet building expansion option and 11 vehicle parking stalls. Concept A consists of 0.06 acre of wetland and 0.9 acre of waters of the U.S. Impacts.

Concept D- is the largest upland development footprint at approximately 3.1 acres in overall size. Concept D included a 600 square feet terminal building with covered shelter, waiting, and restrooms. It included 30 vehicle parking stalls. Concept A consists of 0.06 acre of wetland and 2.1 acres of waters of the U.S. Impacts.

Concept E is the 2nd largest footprint at approximately 2.6 acres in overall size. Concept E included a 200 square feet covered shelter and 15 vehicle parking stalls. Concept A consists of 0.06 acre of wetland and 1.5 acres of waters of the U.S. Impacts.

Concept F is the preferred alternative with 3.9 acres in overall size. Concept F consists of 0.06 acre of wetland and 2.4 acres of waters of the U.S. Impacts. The preferred alternative is the only practicable alternative that meets the project purpose and need, minimizes impacts to intertidal waters between the HTL and MHW, and reaches deeper water necessary for seaplane access. The preferred alternative would improve the safety of seaplane operation in the channel, along with reducing traffic and congestion in Sitka Channel. The preferred alternative would reduce conflicts with marine vessels during landing and takeoff with a relocated seaplane lane. The relocated seaplane lane moves taxi operations into a wider, less congested section of Sitka Channel. Concept F would balance excavation and fill and expand into the channel to shorten the required marine elements, reducing the costs of site development and maximizing the operational and cost efficiency of the site as a self-sustaining SPB.

Different marine concepts included (**Figure 5**):

Marine Concept 1- was originally prepared in 2016 prior to more recent wind and wave studies, thus no wave protection included in concept. Concept 1 consists of 1.35 acres of waters of the U.S. footprint.

Marine Concept 2- entire facility moved offshore into deeper water to eliminate dredging requirement. Floating wave attenuators added. Concept 2 consists of 1.54 acres of waters of the U.S. footprint.

Marine Concept 3- facility has been rotated and located in deeper water to eliminate dredging. Contains floating wave attenuators. Concept 3 consists of 1.97 acres of waters of the U.S. footprint.

Marine Concept 4- is similar to marine concept 3, but with the north wave attenuator detached and moved further from the seaplane float. Concept 4 consists of 1.65 acres of waters of the U.S. footprint.

Marine Concept 5- is similar to marine concept 4, but facility located closer to shore to reduce the access trestle length. Concept 5 consists of 2.44 acres of waters of the U.S. footprint.

Marine Concept 6- is similar to marine concept 4, but transient float relocated to the west side of the facility. Concept 6 consists of 1.67 acres of waters of the U.S. footprint.

Marine Concept 7- is similar to marine concept 6 with a longer and narrower trestle to avoid dredging and north and west floating wave attenuators. Concept 7 consists of 1.65 acres of waters of the U.S. footprint.

Marine Concept 8- is the preferred alternative. This is the 2024 65% design. Concept 8 consists of 0.97 acres of waters of the U.S. footprint. Concept 8 has the smallest structure footprint in Section 404/10 waters and removes the use of wave attenuators.

The 2018 Memorandum of Agreement between USACE and EPA is being followed for avoidance, minimization, and compensation in Alaska for the proposed project.

Avoidance: Avoiding impacts to waters of the U.S. is not practicable. Wetlands and tidal waters are unavoidable due to the size requirements of the fill pad in proximity to deeper waters to meet the project purpose and need. In addition, the existing parcel size above the High Tide Line is not sufficient to accommodate project infrastructure and must be expanded into Sitka Harbor.

- The gravel topped fill pad size requirement is based on the proposed seaplane parking, vehicle parking, Seaplane Haulout Ramp, and maneuvering requirements of multiple vehicles with seaplane operations.
- The wetlands identified during the 2020 wetland delineation are centrally located within the parcel and avoidance is not practical.
- FAA planning criteria for seaplane bases recommends at least 4 feet of water for seaplane bases, necessitating structures out to the required depth in Sitka Harbor.
- No design alternative completely avoided waters of the U.S.

Minimization: Emphasis has been placed on minimizing unavoidable impacts to waters of the U.S. by limiting fill discharges to the minimum amount and size necessary to achieve the project purpose.

Design Methods

- The proposed fill material and seaplane floats in Sitka Harbor are the minimum fill and structures needed to meet the project purpose.
- For fill pad concepts, Concept F had the largest fill footprint in waters of the U.S. while concept B had the smallest fill footprint in waters of the U.S. Ultimately, Concept F was selected based on the size and layout of the fill pad features required to meet the project purpose. All of the features would not fit within a smaller landward footprint and still meet FAA requirements.
- Concept F removed a 2,400 square feet building from the fill pad to reduce impacts to Sitka Harbor. This design change further reduced the fill footprint in waters of the U.S.
- The majority of the parcel 19208000 at 1190 Seward Avenue is uplands except for 0.06 acres of wetlands.
- Marine Concept 8 removed breakwater features and minimized structures in Sitka Harbor.

Construction Methods

- Construction activities would be conducted according to the APDES Alaska Construction General Permit including a SWPPP identifying appropriate BMPs to use during construction to prevent erosion and untreated runoff from reaching nearby waterbodies.

Compensation: The project has been designed to minimize impacts to waters of the U.S. to meet the project purpose and site selection criteria.

- The existing floats and ramps would be removed from the existing seaplane location, but piles would be left in place.
- Approximately 2.45 acres of Section 404/10 wetlands and waters of the U.S. would be impacted by the proposed fill and excavation activities.
- Compensatory mitigation would be provided by purchasing credits from a mitigation bank or in-lieu fee program to replace functions lost from aquatic resources.

Block 26- List of Other Approvals for Work Described in This Application

The following permits would be required:

- DNR (Tideland conveyance)
- Alaska Department of Environmental Conservation (ADEC) (Section 401 CWA; Alaska Pollutant Discharge Elimination System [APDES] General Permit for Discharges from Large and Small Construction Activities/National Pollutant Discharge Elimination System Section 402 Permit)
- CBS (Floodplain Regulation Development Permit)

Additional required consultations and approvals include:

- Alaska State Historic Preservation Officer (SHPO) and Local Indian Tribes, Alaskan Native Villages and Native Hawaiian organizations (National Historic Preservation Act [NHPA] and US Department of Transportation Act Section 4(f))
- NMFS (Endangered Species Act [ESA], Magnuson-Stevens Fishery Conservation & Management Act, Marine Mammal Protection Act [MMPA])
 - Biological Opinion, Incidental Harassment Authorization, EFH Assessment
 - USFWS (ESA, MMPA, Fish & Wildlife Coordination Act)

References

DOWL HKM. 2012. Sitka Seaplane Base. Siting Analysis. Sitka, Alaska. Prepared for City and Borough of Sitka.

DOWL. 2016. Sitka Seaplane Base. Siting Analysis. Sitka, Alaska. Prepared for City and Borough of Sitka.