



Request for Clean Water Act
Section 401 Water Quality Certification
Washington State Department of Ecology
Phone: (360) 407-6076 or E-mail: ecyrefedpermits@ecy.wa.gov

AGENCY USE ONLY	
Date Received:	4/20/2026
Aquatics ID No.:	146562
County:	Island
Complete Request:	4/20/2026

This Section 401 Water Quality Certification (WQC) request form must be submitted as part of a WQC request and identifies information needed for review. Please see Department of Ecology's (Ecology) [webpage](#)¹ for more information about the WQC request process and additional information regarding the request requirements. Contact Ecology if an example plan or template would be helpful in preparing your WQC request.

Submit this WQC Request form along with the supporting information identified below to ecyrefedpermits@ecy.wa.gov.

Request packages must be sent in by email. Mail submissions will not be accepted. Supporting information should not be consolidated into one large file, if your documents are consolidated into one file, please separate them before submitting².

Per the 2023 EPA Water Quality Certification rule, Ecology, as the certifying authority,³ may identify the contents of a request for certification relevant to water quality related impacts from the activity. Items listed in Section D are always required for a complete application. If notified by Ecology prior to submittal of this request, items listed in Section E are also required. If this information has been provided to Ecology as part of your federal permit application, you do not need to submit them again. However, please indicate in Section D how they were provided. Ecology will provide acknowledgement of receipt of a complete WQC request to the project proponent. Once Ecology confirms we have received all the required information, our review time will begin.

A. Project Information

Project Name: Kaemingk Shoreline

Ecology Aquatics ID Number:

Project Location (Please attach a project location map when submitting this form):

Project Address: 8140 Sandy Hook Dr Clinton County: Island County

¹ <https://ecology.wa.gov/Regulations-Permits/Permits-certifications/401-Water-quality-certification>

² To submit documents over 25MB, e-mail ecyrefedpermits@ecy.wa.gov to request a secure link. Ecology does not accept outside links. Please include the Aquatics ID and project name when requesting a link.

³ If the proposed work is on federal or Tribal land, it is up to the project proponent to confirm land ownership and provide the federal agency with a WQC from the appropriate Section 401 certifying authority. Ecology will proceed with processing your request unless we are notified that we are not the certifying authority.

To request an ADA accommodation, contact Ecology by phone at (360) 407-6076 or email at ecyrefedpermits@ecy.wa.gov, or visit <https://ecology.wa.gov/accessibility>.
For Relay Service or TTY call 711 or 877-833-6341.

Si necesita este formulario en español, por favor, llámenos a (360) 407-6076
o envíenos un correo electrónico a: ecyrefedpermits@ecy.wa.gov

B. Federal Permit Application

A copy of the federal permit application must be submitted with your request (40 CFR 121.5(a)(1)(i)). This can be done by copying Ecology (ecyrefedpermits@ecy.wa.gov) when you submit your application to the federal agency or forwarding the confirmation email from the federal agency with a copy of your application.

- I have copied Ecology on my federal permit application submitted on date: _____ or,
- I forwarded the confirmation email from the federal agency along with a copy of my application, or
- Other, please explain.

Federal Permit or License Reference Number, if known: NWS-2026-202

- Federal Agency: U.S. Army Corps of Engineers (Corps) U.S. Coast Guard
 Federal Energy Regulatory Commission Environmental Protection Agency (EPA)
 Other:

Identify the U.S. Army Corps permit, if applicable: Nationwide Permit Individual Other: _____
 If Nationwide Permit which one(s)? NWP(s) # NWS-2026-202

C. A Pre-Filing Meeting Request must be submitted to Ecology at least 30-days prior to submitting a WQC request unless otherwise approved.

A pre-filing meeting request was submitted on date: 3/19/2026

D. Supporting information required for all projects. Please indicate where the following documents or information can be found within this WQC request or if it was submitted previously to Ecology. If not a specific plan or report, indicate the name and page number of the document where the information can be found.

	Within this WQC request	Previously submitted to Ecology and is still up to date	Indicate where the information can be found within the submission
Complete up to date JARPA or other accepted application form	<input checked="" type="checkbox"/>	<input type="checkbox"/> Date:	
Status of State Environmental Policy Act (SEPA) determination and/or exemption	<input type="checkbox"/>	<input type="checkbox"/> Date:	TBD, under review by Island County.
Project location map and drawings	<input checked="" type="checkbox"/>	<input type="checkbox"/> Date:	
Best management practices (BMPs)	<input checked="" type="checkbox"/>	<input type="checkbox"/> Date:	Within BSA and drawings.
Construction methodologies	<input checked="" type="checkbox"/>	<input type="checkbox"/> Date:	Within JARPA and drawings.
Requirements for In-Water Work			
Water quality monitoring plan or Water Quality Monitoring Protection Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/> Date:	
Aquatic resource avoidance and minimization identified (e.g. eelgrass)	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A

Riparian revegetation, restoration, and management measures	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Requirements for Work in Wetlands			
Wetland delineation report with data sheets	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Wetland ratings	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Wetland mitigation plan, including avoidance and minimization measures, for wetland, stream, and/or other aquatic resources	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Riparian planting and monitoring and measures	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A

E. Required by project type or when identified as needed by Ecology. Please indicate where the following documents or information can be found within this WQC request or if it was submitted previously to Ecology. If not a specific plan or report, indicate the name and page number of the document where the information can be found.

	Within this WQC request	Previously submitted to Ecology and is still up to date	Indicate where the information can be found within the submission
Mitigation			
Wetland mitigation bank use plan	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
In-lieu (ILF) use plan	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Upland Work			
Erosion and sediment control plan	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Stormwater pollution prevention plan	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
De-Watering			
Flow diversion, cofferdam, and dewatering system plan	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Stream bypass plan	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Water dispersion/infiltration plan	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Water treatment plan (Chitosan, aeration, dry ice, etc.)	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Culverts and Bridges			
Bridge demolition and construction plans	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Culvert removal and replacement plans	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Dredging			
Dredging and excavation plans	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A

Status of Suitability determination	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Sediment testing and characterization reports	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Other			
Stone column installation plan	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Horizontal direction drill (HDD) inadvertent return plan	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Spill prevention control and countermeasures plan	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Levee repair and bank stabilization plan	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Piling removal and installation plan	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Wastewater servicing for marina operations	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Aquatic invasive species management plan	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A
Engineer Design Report for cleanup projects	<input type="checkbox"/>	<input type="checkbox"/> Date:	N/A

F. Project Proponent Information

Project Proponent

First/Last Name: Dale Kaemingk

Organization:

Phone #: (206) 851-5035

E-mail: dale.kaemingk@gmail.com

Agent/Consultant

First/Last Name: Jay Dally

Organization: Facet

Phone #: (360) 899-1110 x 317

E-mail: jdally@facetnw.com

G. Required Certification Statements:

The project proponent hereby certifies that all information contained herein is true, accurate, and complete, to the best of my knowledge and belief.

The project proponent hereby requests that the certifying authority review and act on this WQC request within the applicable reasonable period of time.

Signature:  Date: 04/20/2026

Print Name: Dale Kaemingk



WASHINGTON STATE

Joint Aquatic Resources Permit Application (JARPA) Form^{1,2} [\[help\]](#)

USE BLACK OR BLUE INK TO ENTER ANSWERS IN THE WHITE SPACES BELOW.



US Army Corps of Engineers®
Seattle District

AGENCY USE ONLY

Date received: 4/20/2026 edoc
Rec'd WQC Request Form

Agency reference #: _____

Tax Parcel #(s): _____

Part 1—Project Identification

1. Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development) [\[help\]](#)

Kaemingk Shoreline

Part 2—Applicant

The person and/or organization responsible for the project. [\[help\]](#)

2a. Name (Last, First, Middle)

Kaemingk, Dale

2b. Organization (If applicable)

2c. Mailing Address (Street or PO Box)

21740 34th PI W

2d. City, State, Zip

Brier, WA 98036

2e. Phone (1)

(206) 851-5035

2f. Phone (2)

2g. Fax

2h. E-mail

dale.kaemingk@gmail.com

¹Additional forms may be required for the following permits:

- If your project may qualify for Department of the Army authorization through a Regional General Permit (RGP), contact the U.S. Army Corps of Engineers for application information (206) 764-3495.
- Not all cities and counties accept the JARPA for their local Shoreline permits. If you need a Shoreline permit, contact the appropriate city or county government to make sure they accept the JARPA.

²To access an online JARPA form with [\[help\]](#) screens, go to <https://www.oria.wa.gov/jarpa-forms>.

For other help, contact the Governor's Office for Regulatory Innovation and Assistance at (800) 917-0043 or help@oria.wa.gov.

Part 3—Authorized Agent or Contact

Person authorized to represent the applicant about the project. (Note: Authorized agent(s) must sign 11b of this application.) [\[help\]](#)

3a. Name (Last, First, Middle)			
McDonald, Drew			
3b. Organization (If applicable)			
Facet			
3c. Mailing Address (Street or PO Box)			
9706 4 th Ave NE Suite 300			
3d. City, State, Zip			
Seattle, WA 98115			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail
(206) 523-0024			dmcDonald@facetnw.com

Part 4—Property Owner(s)

Contact information for people or organizations owning the property(ies) where the project will occur. Consider both **upland and aquatic** ownership because the upland owners may not own the adjacent aquatic land. [\[help\]](#)

- Same as applicant. (Skip to Part 5.)
- Repair or maintenance activities on existing rights-of-way or easements. (Skip to Part 5.)
- There are multiple upland property owners. Complete the section below and fill out [JARPA Attachment A](#) for each additional property owner.
- Your project is on Department of Natural Resources (DNR)-managed aquatic lands. If you don't know, contact the DNR at (360) 902-1100 to determine aquatic land ownership. If yes, complete [JARPA Attachment E](#) to apply for the Aquatic Use Authorization.

4a. Name (Last, First, Middle)			
4b. Organization (If applicable)			
4c. Mailing Address (Street or PO Box)			
4d. City, State, Zip			
4e. Phone (1)	4f. Phone (2)	4g. Fax	4h. E-mail

Part 5–Project Location(s)

Identifying information about the property or properties where the project will occur. [\[help\]](#)

- There are multiple project locations (e.g. linear projects). Complete the section below and use [JARPA Attachment B](#) for each additional project location.

5a. Indicate the type of ownership of the property. (Check all that apply.) [help]			
<input checked="" type="checkbox"/> Private <input type="checkbox"/> Federal <input type="checkbox"/> Publicly owned (state, county, city, special districts like schools, ports, etc.) <input type="checkbox"/> Tribal <input type="checkbox"/> Department of Natural Resources (DNR) – managed aquatic lands (Complete JARPA Attachment E)			
5b. Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5p.) [help]			
8140 Sandy Hook Dr			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Clinton, WA, 98236			
5d. County [help]			
Island			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
	14	28N	3E
5f. Provide the latitude and longitude of the project location. [help]			
<ul style="list-style-type: none"> Example: 47.03922 N lat. / -122.89142 W long. (Use decimal degrees - NAD 83) 			
47.91556 N lat. / -122.39479 W long.			
5g. List the tax parcel number(s) for the project location. [help]			
<ul style="list-style-type: none"> The local county assessor's office can provide this information. 			
S8075-00-08102-0			
5h. Contact information for all adjoining property owners. (If you need more space, use JARPA Attachment C.) [help]			
Name	Mailing Address		Tax Parcel # (if known)
Geoduck and Associates LLC	PO Box 914		S8075-00-08101-0
	Medina, WA 98038		
Heggemes, Donald R & Nisa L	41 Cassal Rd		S8075-00-08103-0
	Winthrop, WA 98862		

5i. List all wetlands on or adjacent to the project location. [\[help\]](#)

None on/adjacent to property.

5j. List all waterbodies (other than wetlands) on or adjacent to the project location. [\[help\]](#)

Cultus Bay to the west.

5k. Is any part of the project area within a 100-year floodplain? [\[help\]](#)

Yes No Don't know

5l. Briefly describe the vegetation and habitat conditions on the property. [\[help\]](#)

Natural upland vegetation is scarce on-site. Vegetation in the upland consists of maintained grass and shrubs. Patchy fringe seagrass is mapped by both the Washington State Department of Ecology Coastal Atlas and the Washington Department of Natural Resources Eelgrass Monitoring Data Viewer. Beach substrate on-site consists of sand. Some driftwood accumulations are present on, and adjacent to, the subject property.

5m. Describe how the property is currently used. [\[help\]](#)

Residential use.

5n. Describe how the adjacent properties are currently used. [\[help\]](#)

Residential use.

5o. Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. [\[help\]](#)

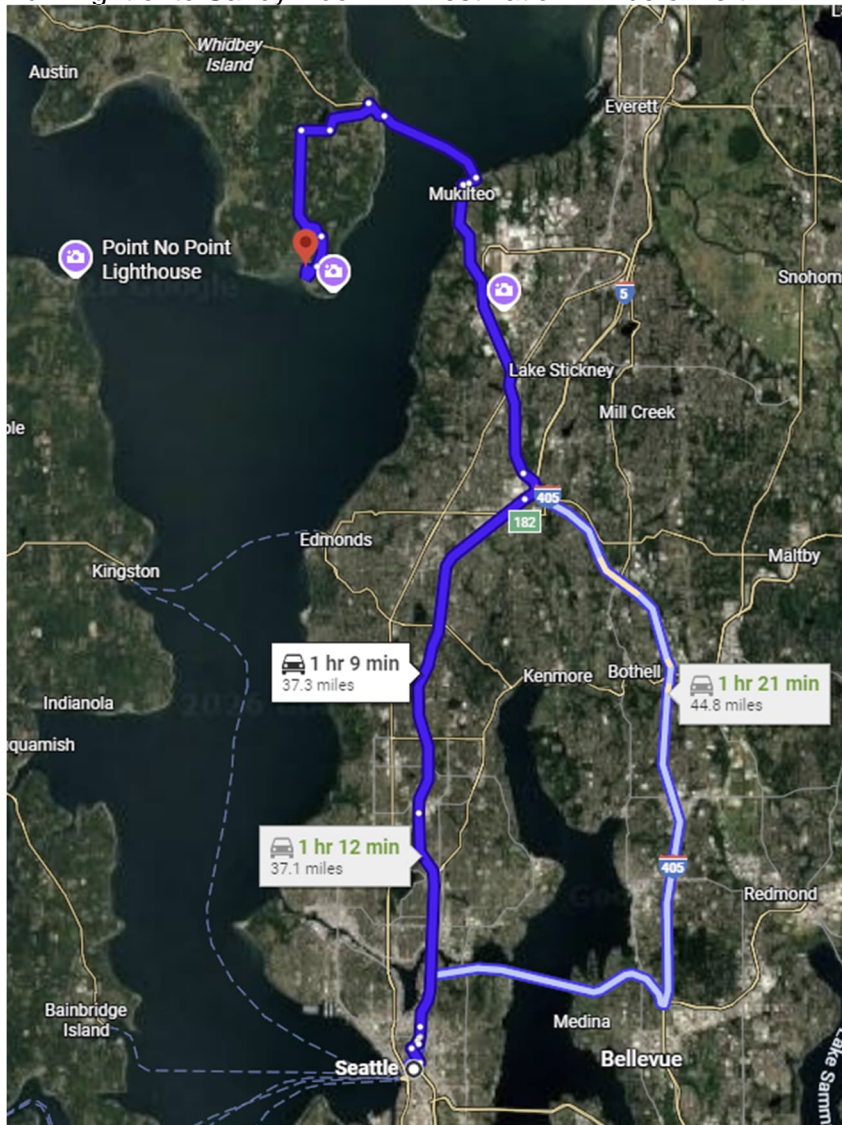
Structures on-site include a 2,325 square foot single-family residence (SFR) and an attached garage. The SFR is protected by a 61 linear foot creosote-treated timber bulkhead.

5p. Provide driving directions from the closest highway to the project location, and attach a map. [\[help\]](#)

From Seattle:

1. Take I-5 N.
2. Take exit 182 for WA-525 N toward WA-99
3. Follow WA-525 N for Clinton – Mukilteo ferry. Take the ferry.
4. Take 525-N after ferry.
5. Turn left onto Deer Lake Rd
6. Turn right to stay on Deer Lake Rd

7. Turn left onto Cultus Bay Rd.
8. Turn right onto Sandy Hook Dr. Destination will be on left.



Part 6–Project Description

6a. Briefly summarize the overall project. You can provide more detail in 6b. [\[help\]](#)

Proposed repairs are to replace the creosote-treated timber bulkhead with a cast-in-place concrete bulkhead. The proposed concrete bulkhead will be built within the footprint of the existing bulkhead and will not extend beyond the existing ordinary high water mark.

6b. Describe the purpose of the project and why you want or need to perform it. [\[help\]](#)

The existing bulkhead has been damaged by wave-based erosion and requires repairs in order to protect the upland property.

6c. Indicate the project category. (Check all that apply) [\[help\]](#)

- Commercial Residential Institutional Transportation Recreational
 Maintenance Environmental Enhancement

6d. Indicate the major elements of your project. (Check all that apply) [\[help\]](#)

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Aquaculture | <input type="checkbox"/> Culvert | <input type="checkbox"/> Float | <input type="checkbox"/> Retaining Wall (upland) |
| <input type="checkbox"/> Bank Stabilization | <input type="checkbox"/> Dam / Weir | <input type="checkbox"/> Floating Home | <input type="checkbox"/> Road |
| <input type="checkbox"/> Boat House | <input type="checkbox"/> Dike / Levee / Jetty | <input type="checkbox"/> Geotechnical Survey | <input type="checkbox"/> Scientific Measurement Device |
| <input type="checkbox"/> Boat Launch | <input type="checkbox"/> Ditch | <input type="checkbox"/> Land Clearing | <input type="checkbox"/> Stairs |
| <input type="checkbox"/> Boat Lift | <input type="checkbox"/> Dock / Pier | <input type="checkbox"/> Marina / Moorage | <input type="checkbox"/> Stormwater facility |
| <input type="checkbox"/> Bridge | <input type="checkbox"/> Dredging | <input type="checkbox"/> Mining | <input type="checkbox"/> Swimming Pool |
| <input checked="" type="checkbox"/> Bulkhead | <input type="checkbox"/> Fence | <input type="checkbox"/> Outfall Structure | <input type="checkbox"/> Utility Line |
| <input type="checkbox"/> Buoy | <input type="checkbox"/> Ferry Terminal | <input type="checkbox"/> Piling/Dolphin | |
| <input type="checkbox"/> Channel Modification | <input type="checkbox"/> Fishway | <input type="checkbox"/> Raft | |

Other:

6e. Describe how you plan to construct each project element checked in 6d. Include specific construction methods and equipment to be used. [\[help\]](#)

- Identify where each element will occur in relation to the nearest waterbody.
- Indicate which activities are within the 100-year floodplain.

Replacement Concrete Bulkhead

The existing timber bulkhead will be removed. Excavation will occur to subgrade once the bulkhead is removed and the base course will be placed. The replacement concrete bulkhead shall be a cast-in-place concrete bulkhead built at the HTL/OHWM within the existing bulkhead footprint. Temporary forms shall be built and a work float and/or land-based equipment will be used to deliver and place materials. Work float grounding shall be avoided at any time.

Work will occur during low tide in the approved WDFW in-water work window and in phases to coordinate with tidal exposure. General construction measure (GCM) #3 applies; All concrete will be placed in the dry and isolated from State Waters and will be allowed to cure a minimum of 7 days before contact with surface water.

The replacement concrete bulkhead will occur adjacent to the waterbody and 100-year floodplain.

6f. What are the anticipated start and end dates for project construction? (Month/Year) [\[help\]](#)

- If the project will be constructed in phases or stages, use [JARPA Attachment D](#) to list the start and end dates of each phase or stage.

Start Date: 7/15/2026 End Date: 2/15/2027 See JARPA Attachment D

6g. Fair market value of the project, including materials, labor, machine rentals, etc. [\[help\]](#)

\$61,000

6h. Will any portion of the project receive federal funding? [\[help\]](#)

- If **yes**, list each agency providing funds.

Yes No Don't know

Part 7–Wetlands: Impacts and Mitigation

Check here if there are wetlands or wetland buffers on or adjacent to the project area.
(If there are none, skip to Part 8.) [\[help\]](#)

7a. Describe how the project has been designed to avoid and minimize adverse impacts to wetlands. [\[help\]](#)

Not applicable

7b. Will the project impact wetlands? [\[help\]](#)

Yes No Don't know

7c. Will the project impact wetland buffers? [\[help\]](#)

Yes No Don't know

7d. Has a wetland delineation report been prepared? [\[help\]](#)

- **If Yes**, submit the report, including data sheets, with the JARPA package.

Yes No

7e. Have the wetlands been rated using the Western Washington or Eastern Washington Wetland Rating System? [\[help\]](#)

- **If Yes**, submit the wetland rating forms and figures with the JARPA package.

Yes No Don't know

7f. Have you prepared a mitigation plan to compensate for any adverse impacts to wetlands? [\[help\]](#)

- **If Yes**, submit the plan with the JARPA package and answer 7g.
- **If No, or Not applicable**, explain below why a mitigation plan should not be required.

Yes No Don't know

7g. Summarize what the mitigation plan is meant to accomplish, and describe how a watershed approach was used to design the plan. [\[help\]](#)

7h. Use the table below to list the type and rating of each wetland impacted, the extent and duration of the impact, and the type and amount of mitigation proposed. Or if you are submitting a mitigation plan with a similar table, you can state (below) where we can find this information in the plan. [\[help\]](#)

Activity (fill, drain, excavate, flood, etc.)	Wetland Name ¹	Wetland type and rating category ²	Impact area (sq. ft. or Acres)	Duration of impact ³	Proposed mitigation type ⁴	Wetland mitigation area (sq. ft. or acres)

¹ If no official name for the wetland exists, create a unique name (such as "Wetland 1"). The name should be consistent with other project documents, such as a wetland delineation report.
² Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package.
³ Indicate the days, months or years the wetland will be measurably impacted by the activity. Enter "permanent" if applicable.
⁴ Creation (C), Re-establishment/Rehabilitation (R), Enhancement (E), Preservation (P), Mitigation Bank/In-lieu fee (B)

Page number(s) for similar information in the mitigation plan, if available: _____

7i. For all filling activities identified in 7h, describe the source and nature of the fill material, the amount in cubic yards that will be used, and how and where it will be placed into the wetland. [\[help\]](#)

7j. For all excavating activities identified in 7h, describe the excavation method, type and amount of material in cubic yards you will remove, and where the material will be disposed. [\[help\]](#)

Part 8–Waterbodies (other than wetlands): Impacts and Mitigation

In Part 8, “waterbodies” refers to non-wetland waterbodies. (See Part 7 for information related to wetlands.) [\[help\]](#)

Check here if there are waterbodies on or adjacent to the project area. (If there are none, skip to Part 9.)

8a. Describe how the project is designed to avoid and minimize adverse impacts to the aquatic environment. [\[help\]](#)

Not applicable

The following conservation measures and BMPs will be incorporated by the applicant in order to avoid, reduce intensity, or otherwise minimize potential site impacts:

1. All work will be completed in the authorized WDFW work window.
2. All construction debris will be collected and not allowed to enter the waters of the state.
3. If debris or spill material accidentally enter the waterway, immediate actions will be taken to remove the material and proper entities will be notified.
4. Care will be taken in all work to prevent debris, oil, and grease from entering the water.
5. All debris will be properly disposed of at an approved off-site facility.
6. Refueling will be conducted away from the shoreline in accordance with the Washington State Department of Ecology.
7. All equipment will be checked daily for leaks and any necessary repairs will be made before commencing work.
8. No equipment, materials, or vehicles shall be parked or stored near or on the beach.
9. Excavation and site-disturbing activities shall be strictly limited to the minimum necessary to accomplish the work authorized. Soil and materials shall be stockpiled landward of the OHWM and erosion and sedimentation control BMPs shall be employed.
10. All construction and demolition debris shall be disposed of at a site approved by Island County Public Works Department. There shall be no dumping or disposing of debris on the beach or in the waters of the state.

8b. Will your project impact a waterbody or the area around a waterbody? [\[help\]](#)

Yes No

8c. Have you prepared a mitigation plan to compensate for the project’s adverse impacts to non-wetland waterbodies? [\[help\]](#)

- **If Yes**, submit the plan with the JARPA package and answer 8d.
- **If No, or Not applicable**, explain below why a mitigation plan should not be required.

Yes No Don't know

Mitigation is not currently proposed for the site. The existing bulkhead is a creosote-treated timber bulkhead. Removing the bulkhead, and replacing it with a concrete bulkhead, will improve the site conditions by eliminating creosote that can leach into the water.

8d. Summarize what the mitigation plan is meant to accomplish. Describe how a watershed approach was used to design the plan.

- If you already completed 7g you do not need to restate your answer here. [\[help\]](#)

N/A.

8e. Summarize impact(s) to each waterbody in the table below. [\[help\]](#)

Activity (clear, dredge, fill, pile drive, etc.)	Waterbody name ¹	Impact location ²	Duration of impact ³	Amount of material (cubic yards) to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
Timber Bulkhead Removal	Cultus Bay	Adjacent	Permanent	0 CY	61 LF
Concrete Bulkhead Replacement	Cultus Bay	Adjacent	Permanent	0 CY	61 LF

¹ If no official name for the waterbody exists, create a unique name (such as “Stream 1”) The name should be consistent with other documents provided.

² Indicate whether the impact will occur in or adjacent to the waterbody. If adjacent, provide the distance between the impact and the waterbody and indicate whether the impact will occur within the 100-year flood plain.

³ Indicate the days, months or years the waterbody will be measurably impacted by the work. Enter “permanent” if applicable.

8f. For all activities identified in 8e, describe the source and nature of the fill material, amount (in cubic yards) you will use, and how and where it will be placed into the waterbody. [\[help\]](#)

No fill will be placed into the waterway. Any fill excavated for the bulkhead removal will be used as backfill for the replacement bulkhead. Approximately 101.7 CY of cut/fill will occur adjacent to the waterbody.

8g. For all excavating or dredging activities identified in 8e, describe the method for excavating or dredging, type and amount of material you will remove, and where the material will be disposed. [\[help\]](#)

Dredging is not proposed. No permanent excavation is proposed. Excavated materials will be reused as backfill landward of the replacement bulkhead. Work shall be completed with a small excavator.

8h. Have you prepared a Water Quality Monitoring Plan (WQMP) for all in-water work (below ordinary high water), over water work or discharges to waters of the state?

Yes No

If NO describe the monitoring that you will be conducting including parameters, equipment and locations, or explain why monitoring will not be necessary. [\[help\]](#)

Best Management Practices (BMP's) will be implemented. Work will be completed during low tide in the dry to avoid direct impacts to immersed beach substate and resulting turbidity that would otherwise occur to the associated waterbody. As such, no WQMP is required.

Part 9—Additional Information

Any additional information you can provide helps the reviewer(s) understand your project. Complete as much of this section as you can. It is ok if you cannot answer a question.

9a. If you have already worked with any government agencies on this project, list them below. [\[help\]](#)

Agency Name	Contact Name	Phone	Most Recent Date of Contact
USACE	TBD		
WDFW	TBD		
Island County	TBD		

9b. Are any of the wetlands or waterbodies identified in Part 7 or Part 8 of this JARPA on the Washington Department of Ecology's 303(d) List? [\[help\]](#)

- **If Yes**, list the parameter(s) below.
- If you don't know, use Washington Department of Ecology's Water Quality Assessment tools at: <https://ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Assessment-of-state-waters-303d>.

Yes No

Water quality within Cultus Bay adjacent to the project site has been rated as Category 2 for fecal coliform bacteria by Ecology. No Category 5 – 303(d) waters are present in the vicinity of the project site.

9c. What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? [\[help\]](#)

- Go to <http://cfpub.epa.gov/surf/locate/index.cfm> to help identify the HUC.

171100190104 – Whidbey Island-Frontal Possession Sound

9d. What Water Resource Inventory Area Number (WRIA #) is the project in? [\[help\]](#)

- Go to <https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up> to find the WRIA #.

6 – Island

9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [\[help\]](#)

- Go to <https://ecology.wa.gov/Water-Shorelines/Water-quality/Freshwater/Surface-water-quality-standards/Criteria> for the standards.

Yes No Not applicable

9f. If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? [\[help\]](#)

- If you don't know, contact the local planning department.
- For more information, go to: <https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Shoreline-coastal-planning/Shoreline-laws-rules-and-cases>.

Urban Natural Aquatic Conservancy Other: Shoreline Residential

9g. What is the Washington Department of Natural Resources Water Type? [\[help\]](#)

- Go to <http://www.dnr.wa.gov/forest-practices-water-typing> for the Forest Practices Water Typing System.

Shoreline Fish Non-Fish Perennial Non-Fish Seasonal

9h. Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? [\[help\]](#)

- **If No**, provide the name of the manual your project is designed to meet.

Yes No

Name of manual: _____

9i. Does the project site have known contaminated sediment? [\[help\]](#)

- **If Yes**, please describe below.

Yes No

--

9j. If you know what the property was used for in the past, describe below. [\[help\]](#)

Residential use since 1964.

9k. Is the project located in or adjacent to a designated state or federal contaminated site or clean-up site. (e.g. MTCA or CERCLA)?
• **If Yes**, provide any additional details below.

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

--

9l. Has a cultural resource (archaeological) survey been performed on the project area? [\[help\]](#)
• **If Yes**, attach it to your JARPA package.

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

9m. Name each species listed under the federal Endangered Species Act that occurs in the vicinity of the project area or might be affected by the proposed work. [\[help\]](#)

1. Puget Sound ESU Chinook Salmon (*Oncorhynchus tshawytscha*)
2. Puget Sound/Georgia Basin DPS Yelloweye Rockfish (*Sebastes ruberrimus*)
3. Puget Sound/Georgia Basin DPS Bocaccio (*Sebastes paucispinis*)
4. Southern Resident DPS Killer Whale (*Orca orcinus*)
5. Bull Trout (*Salvelinus confluentus*)
6. Marbled Murrelet (*Brachyramphus marmoratus*)
7. Yellow-billed Cuckoo (*Coccyzus americanus*)
8. Northwestern Pond Turtle (*Actinemys marmorata*)
9. Suckley's Cuckoo Bumble Bee (*Bombus suckleyi*)
10. Monarch Butterfly (*Danaus plexippus*)

9n. Name each species or habitat on the Washington Department of Fish and Wildlife's Priority Habitats and Species List that might be affected by the proposed work. [\[help\]](#)

Species: Hardshell clam, Dungeness crab (*Cancer magister*), big brown bat (*Eptesicus fuscus*), little brown bat (*Myotis lucifugus*)

Habitat: Estuarine and marine wetland, waterfowl concentrations

Part 10–SEPA Compliance and Permits

Use the resources and checklist below to identify the permits you are applying for.

- Online Project Questionnaire at <http://apps.oria.wa.gov/opas/>.
- Governor's Office for Regulatory Innovation and Assistance at (800) 917-0043 or help@oria.wa.gov.
- For a list of addresses to send your JARPA to, click on [agency addresses for completed JARPA](#).

10a. Compliance with the State Environmental Policy Act (SEPA). (Check all that apply.) [\[help\]](#)

- For more information about SEPA, go to <https://ecology.wa.gov/regulations-permits/SEPA-environmental-review>.

A copy of the SEPA determination or letter of exemption is included with this application.

A SEPA determination is pending with Island County (lead agency). The expected decision date is TBD.

I am applying for a Fish Habitat Enhancement Exemption. (Check the box below in 10b.) [\[help\]](#)

This project is exempt (choose type of exemption below).

Categorical Exemption. Under what section of the SEPA administrative code (WAC) is it exempt?

Other: _____

SEPA is pre-empted by federal law.

10b. Indicate the permits you are applying for. (Check all that apply.) [\[help\]](#)

LOCAL GOVERNMENT

Local Government Shoreline permits:

- Substantial Development Conditional Use Variance
 Shoreline Exemption Type (explain): Maintenance

Other City/County permits:

- Floodplain Development Permit Critical Areas Ordinance

STATE GOVERNMENT

Washington Department of Fish and Wildlife:

- Hydraulic Project Approval (HPA) Fish Habitat Enhancement Exemption – [Attach Exemption Form](#)

Washington Department of Natural Resources:

- Aquatic Use Authorization
Complete [JARPA Attachment E](#) and submit a check for \$25 payable to the Washington Department of Natural Resources.
Do not send cash.

Washington Department of Ecology:

- Section 401 Water Quality Certification
 Authorization to impact waters of the state, including wetlands (Check this box if the proposed impacts are to waters not subject to the federal Clean Water Act)

FEDERAL AND TRIBAL GOVERNMENT

United States Department of the Army (U.S. Army Corps of Engineers):

- Section 404 (discharges into waters of the U.S.) Section 10 (work in navigable waters)

United States Coast Guard:

For projects or bridges over waters of the United States, contact the U.S. Coast Guard at:

- Bridge Permit: D13-SMB-D13-BRIDGES@uscg.mil
 Private Aids to Navigation (or other non-bridge permits): D13-SMB-D13-PATON@uscg.mil

United States Environmental Protection Agency:

- Section 401 Water Quality Certification (discharges into waters of the U.S.) on tribal lands where tribes do not have treatment as a state (TAS)

Tribal Permits: (Check with the tribe to see if there are other tribal permits, e.g., Tribal Environmental Protection Act, Shoreline Permits, Hydraulic Project Permits, or other in addition to CWA Section 401 WQC)

- Section 401 Water Quality Certification (discharges into waters of the U.S.) where the tribe has treatment as a state (TAS).

Part 11—Authorizing Signatures

Signatures are required before submitting the JARPA package. The JARPA package includes the JARPA form, project plans, photos, etc. [\[help\]](#)

11a. Applicant Signature (required) [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities, and I agree to start work only after I have received all necessary permits.

I hereby authorize the agent named in Part 3 of this application to act on my behalf in matters related to this application. _____ (initial)

By initialing here, I state that I have the authority to grant access to the property. I also give my consent to the permitting agencies entering the property where the project is located to inspect the project site or any work related to the project. _____ (initial)

Dale Kaemingk

Applicant Printed Name

Applicant Signature

Date

11b. Authorized Agent Signature [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities and I agree to start work only after all necessary permits have been issued.

Drew McDonald, Facet

Authorized Agent Printed Name

Authorized Agent Signature

Date

11c. Property Owner Signature (if not applicant) [\[help\]](#)

Not required if project is on existing rights-of-way or easements (provide copy of easement with JARPA).

I consent to the permitting agencies entering the property where the project is located to inspect the project site or any work. These inspections shall occur at reasonable times and, if practical, with prior notice to the landowner.

Property Owner Printed Name

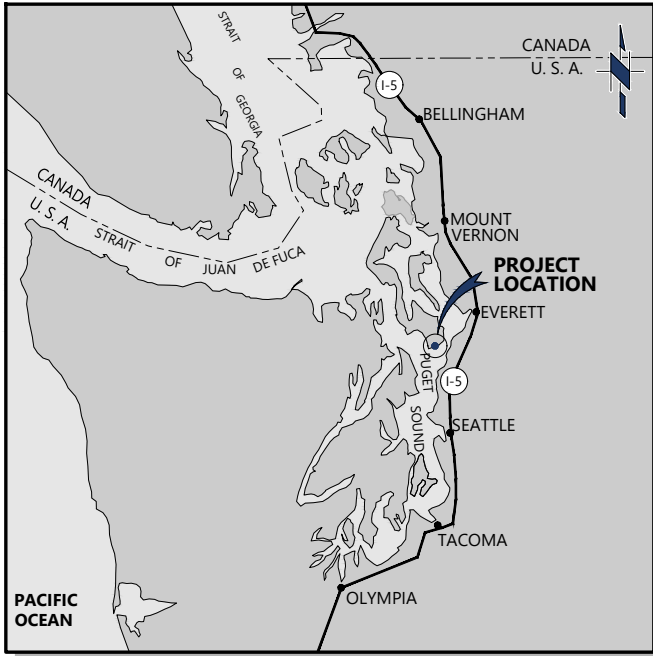
Property Owner Signature

Date

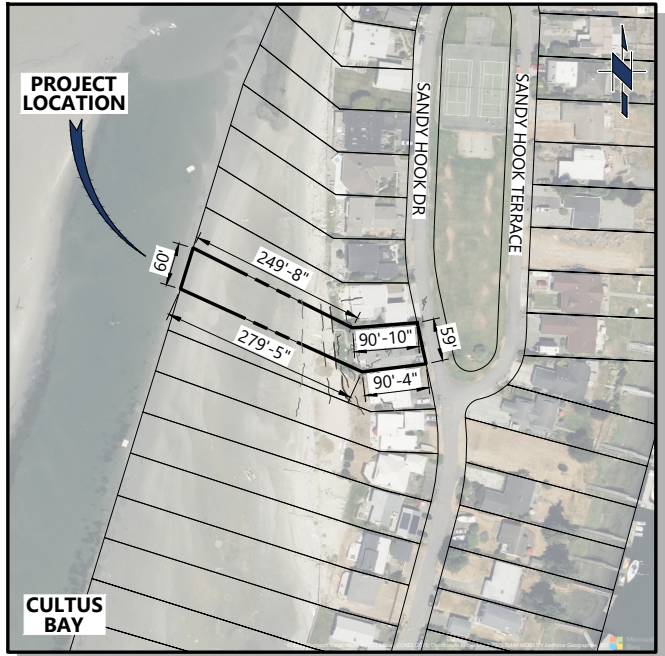
18 U.S.C §1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious, or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years or both.

If you require this document in another format, contact the Governor's Office for Regulatory Innovation and Assistance (ORIA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORIA publication number: ORIA-16-011 rev. 09/2018

3/10/26 - DREW McDONALD - Z:\SHARE\PROJECTS\ACTIVE\2025\12\0586_DALE KAEMING_8140 SANDY HOOK DR CLINTON\DRAWINGS\SICAD-REV\ACTIVE\FILE148 SANDY HOOK DR_KAEMINGK_PERMIT DRAWINGS REVISION 0.DWG



VICINITY MAP
NTS



PROJECT LOCATION
NTS

SHEET INDEX

SHEET No.	SHEET TITLE
1	TITLE SHEET, VICINITY MAP, PROJECT INFORMATION, AND SHEET INDEX
2	EXISTING SITE PLAN
3	PROPOSED SITE PLAN
4	EXISTING SECTION A
5	PROPOSED SECTION B
6	GENERAL NOTES

PROJECT INFORMATION

ADDRESS: 8140 SANDY HOOK DR, CLINTON, WA 98236
PROJECT: BULKHEAD REPLACEMENT
PROPERTY ID: 369425
GEOGRAPHIC ID: S8075-00-08102-0
AREA OF LOT: 0.46 ACRES

HORIZONTAL DATUM:
 NAD83/2011 WASHINGTON STATE PLANE, NORTH ZONE, US SURVEY FEET.

VERTICAL DATUM:
 NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

TIDAL DATUM:
 NOAA BEACH SLOPE AND TIDE REFERENCE LINE: 839
 MARINE BASIN NAME: SOUTH CENTRAL PUGET SOUND
 MARINE BASIN CODE: SC
 SHORETYPE BEACH: ACCRETION SHOREFORM
 MEDIAN SLOPE: 13%
 HIGHEST ASTRONOMICAL TIDE (HAT): 10.83'
 HIGH TIDE LINE* (HTL): 10.83'
 MEAN HIGHER HIGH WATER (MHHW): 8.86'
 MEAN HIGH WATER (MHW): 8.01'
 MEAN LOWER LOW WATER (MLLW): -1.90'

*HIGH TIDE LINE PER THE NOAA PREDICTED HIGHEST ASTRONOMICAL TIDE.

EXISTING CONDITIONS:
 ASSUMED PER AERIAL IMAGE. SURVEY NOT PROVIDED.
 PARCEL BOUNDARY PER COUNTY GIS. & TOPOGRAPHY PER 2024 USGS LIDAR DATA.

TOPOGRAPHY AND BATHYMETRY: USGS CONTOURS, INTERVAL = 1'

PURPOSE:
 PROTECT EXISTING PRIMARY STRUCTURE (SINGLE FAMILY RESIDENCE) FROM WAVE BASED EROSION, COASTAL FLOODING, AND LARGE STORM EVENTS.

DATUM: NAVD 88

APPLICATION BY:
 DALE KAEMING

ADJACENT PROPERTY OWNERS:
 SEE APPLICATION

8140 SANDY HOOK DR.
 KAEMING BULKHEAD REPLACEMENT
 PERMITTING

TITLE SHEET, VICINITY MAP,
 PROJECT INFORMATION,
 AND SHEET INDEX

ISSUED FOR PERMIT - REV 0
FACET 9706 4th Ave NE, Suite 300
 Seattle, WA 98115
 www.facetnw.com P: 206.523.0024

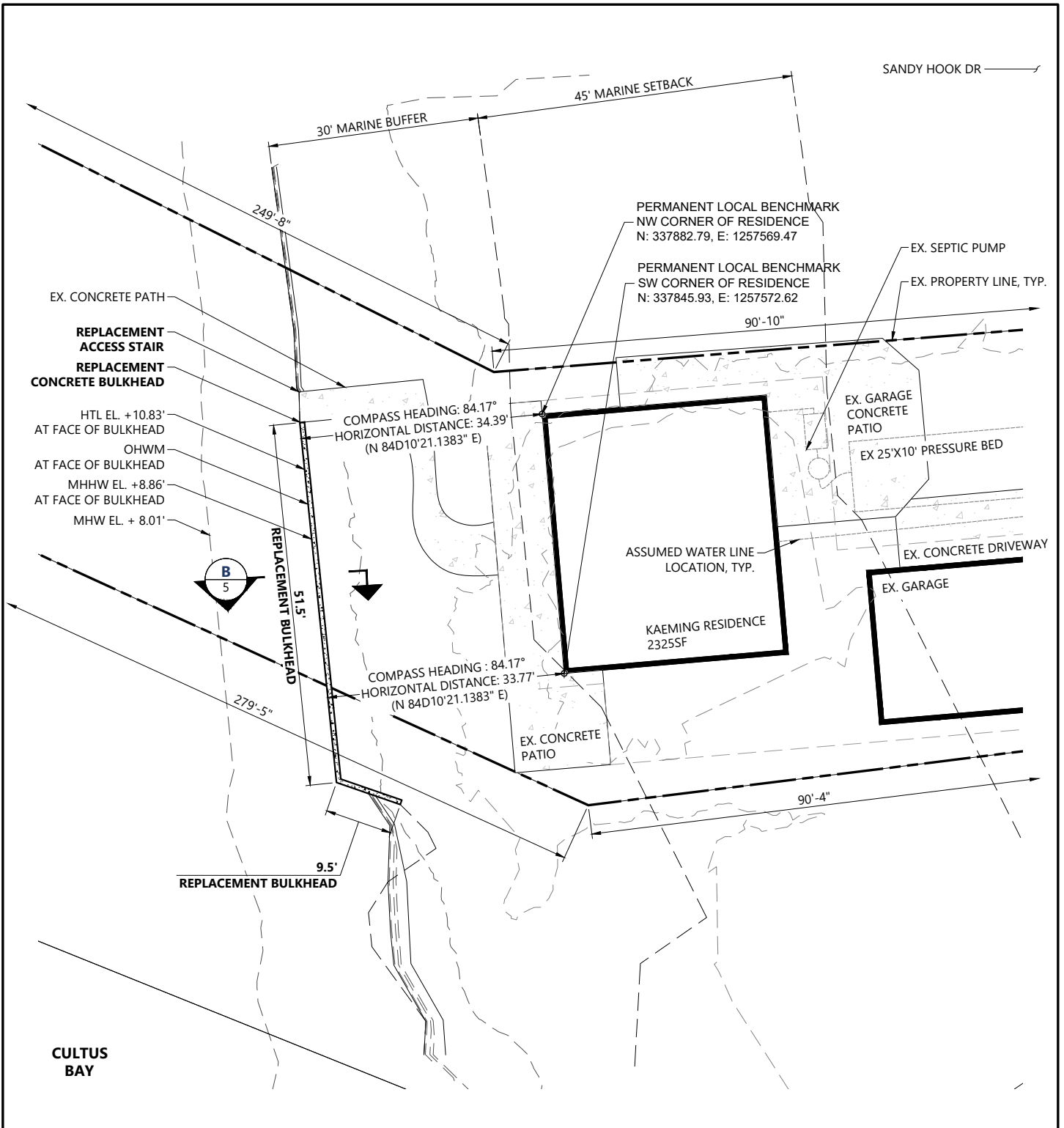
PROPOSED:
 REPLACE EXISTING
 BULKHEAD.

IN: CULTUS BAY
AT: CLINTON, WA, 98236
 ISLAND COUNTY
 S14, T28, R3E
PARCEL: S8075-00-08102-0

DATE: MARCH 2026
SHEET: 1 OF 6

ANY CHANGES TO THE
 APPROVED PLAN NEEDS
 TO BE REVIEWED AND
 APPROVED

3/10/26 - DREW McDONALD - Z:\SHARE\PROJECTS\ACTIVE\2025\120512.0586_DALE KAEMING_8140 SANDY HOOK DR CLINTON\DRAWINGS\CAD-REVIT\ACTIVE\FILE18140 SANDY HOOK DR_KAEMINGK_PERMIT DRAWINGS REVISION 0.DWG



PURPOSE:
 PROTECT EXISTING PRIMARY STRUCTURE (SINGLE FAMILY RESIDENCE) FROM WAVE BASED EROSION, COASTAL FLOODING, AND LARGE STORM EVENTS.

DATUM: NAVD 88

APPLICATION BY:
 DALE KAEMING

ADJACENT PROPERTY OWNERS:
 SEE APPLICATION

**8140 SANDY HOOK DR.
 KAEMING BULKHEAD REPLACEMENT
 PERMITTING**

PROPOSED SITE PLAN

10 5 0 10 20
 SCALE IN FEET

ISSUED FOR PERMIT - REV 0

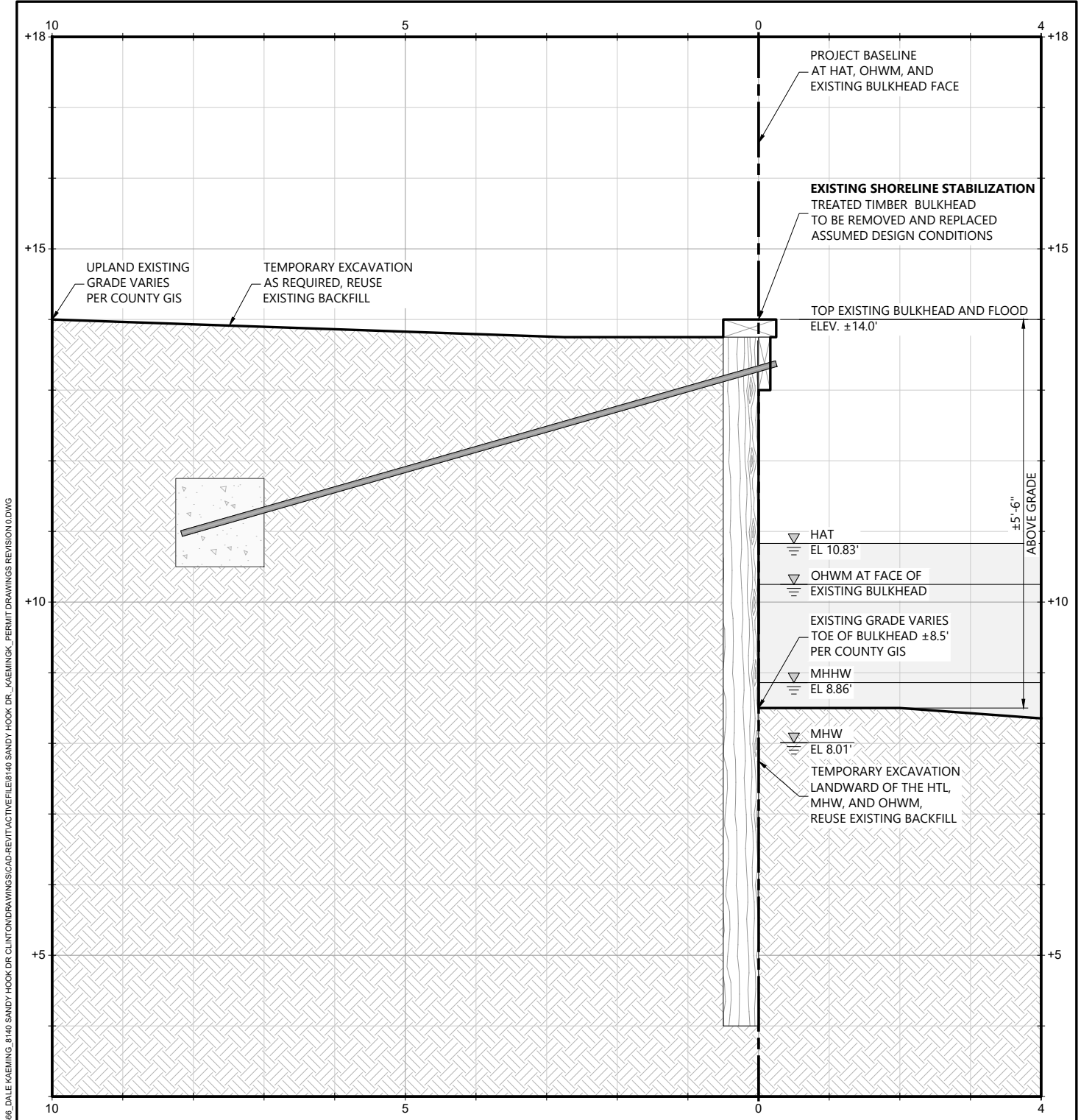
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 Seattle, WA 98115
 www.facetnw.com P: 206.523.0024

PROPOSED:
 REPLACE EXISTING BULKHEAD.

IN: CULTUS BAY
AT: CLINTON, WA, 98236
 ISLAND COUNTY
 S14, T28, R3E
PARCEL: S8075-00-08102-0

DATE: MARCH 2026
SHEET: 3 OF 6

ANY CHANGES TO THE APPROVED PLAN NEEDS TO BE REVIEWED AND APPROVED



PURPOSE:
 PROTECT EXISTING PRIMARY STRUCTURE (SINGLE FAMILY RESIDENCE) FROM WAVE BASED EROSION, COASTAL FLOODING, AND LARGE STORM EVENTS.

DATUM: NAVD 88

APPLICATION BY:
 DALE KAEMING

ADJACENT PROPERTY OWNERS:
 SEE APPLICATION

**8140 SANDY HOOK DR.
 KAEMING BULKHEAD REPLACEMENT
 PERMITTING**

EXISTING BULKHEAD SECTION A

1 1/2 0 1 2
 SCALE IN FEET

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 Seattle, WA 98115
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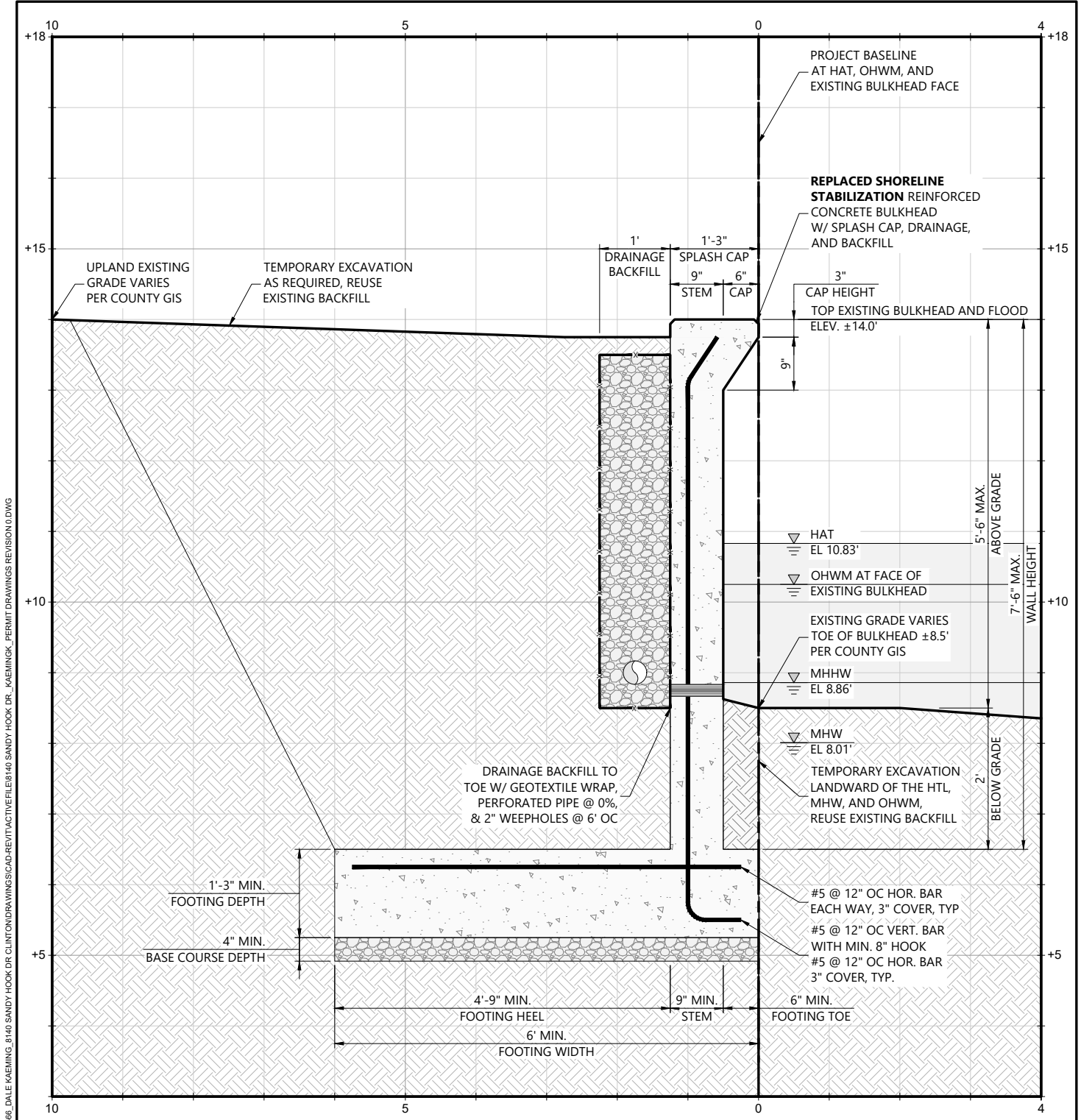
PROPOSED:
 REPLACE EXISTING BULKHEAD.

IN: CULTUS BAY
AT: CLINTON, WA, 98236
 ISLAND COUNTY
 S14, T28, R3E
PARCEL: S8075-00-08102-0

DATE: MARCH 2026
SHEET: 4 OF 6

ANY CHANGES TO THE APPROVED PLAN NEEDS TO BE REVIEWED AND APPROVED

3/10/26 - DREW McDONALD - Z:\SHARE\PROJECTS\ACTIVE\2025\12\0586_DALE KAEMING_8140 SANDY HOOK DR CLINTON\DRAWINGS\CAD-REVIT\ACTIVE\FILE\8140 SANDY HOOK DR_KAEMING_PERMIT DRAWINGS REVISION 0.DWG



PURPOSE:
 PROTECT EXISTING PRIMARY STRUCTURE (SINGLE FAMILY RESIDENCE) FROM WAVE BASED EROSION, COASTAL FLOODING, AND LARGE STORM EVENTS.

DATUM: NAVD 88

APPLICATION BY:
 DALE KAEMING

ADJACENT PROPERTY OWNERS:
 SEE APPLICATION

**8140 SANDY HOOK DR.
 KAEMING BULKHEAD REPLACEMENT
 PERMITTING**

PROPOSED BULKHEAD SECTION B

1 1/2 0 1 2
 SCALE IN FEET

ISSUED FOR PERMIT - REV 0

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 Seattle, WA 98115
 www.facetnw.com P: 206.523.0024

PROPOSED:
 REPLACE EXISTING BULKHEAD.

IN: CULTUS BAY
AT: CLINTON, WA, 98236
 ISLAND COUNTY
 S14, T28, R3E
PARCEL: S8075-00-08102-0

DATE: MARCH 2026
SHEET: 5 OF 6

ANY CHANGES TO THE APPROVED PLAN NEEDS TO BE REVIEWED AND APPROVED

3/10/26 - DREW McDONALD - Z:\SHARE\PROJECTS\ACTIVE\2025\120512\0586_DALE KAEMING_8140 SANDY HOOK DR CLINTON\DRAWINGS\CAD-REVIT\ACTIVE\FE18140 SANDY HOOK DR_KAEMINGK_PERMIT DRAWINGS REVISION 0.DWG

PROJECT NOTES

GENERAL NOTES

- THIS IS A SHORELINE STABILIZATION REPAIR PROJECT.
- THE PROPOSED SHORELINE REPAIR IS A REPLACEMENT CONCRETE BULKHEAD TO PREVENT SHORELINE WAVE-BASED EROSION AND RESTORE THE SHORELINE.
- THE REPAIR TREATMENT IS DESIGNED, LOCATED, SIZED, AND CONSTRUCTED TO ENSURE NO ADDITIONAL NET LOSS OF ECOLOGICAL FUNCTIONS.
- WORK WILL OCCUR DURING LOW TIDE IN THE APPROVED WASHINGTON DEPARTMENT OF FISH AND WILDLIFE (WDFW) IN-WATER WORK WINDOW AND IN PHASES TO COORDINATE WITH TIDAL EXPOSURE.
- THE REPAIR WORK SHALL BE PERFORMED IN THE DRY DURING LOW TIDES.
- ALL BEACH DEPRESSIONS CREATED DURING CONSTRUCTION SHALL BE FILLED PRIOR TO THE NEXT INUNDATING TIDE.
- A BARGE OR LAND-BASED EQUIPMENT WILL BE USED TO DELIVER AND PLACE MATERIALS. BARGE GROUNDING SHALL BE AVOIDED AT ANY TIME.
- APPROPRIATE EROSION AND SEDIMENTATION CONTROL BEST MANAGEMENT PRACTICES SHALL BE EMPLOYED DURING THE GROUND-DISTURBING CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL VERIFY AND REVIEW ALL ITEMS WITHIN THE DRAWINGS PRIOR TO PROCEEDING WITH THE WORK. NOTIFY THE ENGINEER IMMEDIATELY WITH ANY DISCREPANCIES. IF A SPECIFIC DETAIL IS NOT SHOWN FOR ANY PART OF THE WORK, THE CONSTRUCTION SHALL BE THE SAME AS FOR SIMILAR WORK. DIMENSIONS ARE NOT TO BE SCALED FROM THE PLANS, SECTIONS, OR DETAILS WITHIN THE DRAWINGS. DIMENSIONS STATED IN TEXT GOVERN. SPECIFIC NOTES AND DETAILS IN THE DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES. NOTIFY THE ENGINEER OF ALL CHANGES MADE IN THE FIELD OR DISCREPANCIES.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCE, PROCEDURES, AND PERMIT COMPLIANCE.
- ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE REFERENCED CONSTRUCTION AND ALL OTHER REGULATING AGENCIES EXERCISING AUTHORITY OVER ANY PORTION OF THE WORK TO COMPLY WITH PROJECT PERMITS.
- FINAL REPAIRS SHALL BE PER THE CONTRACTORS', THE MANUFACTURERS' RECOMMENDATIONS, AND/OR THE BUILDING PERMIT.
- BEACH NOURISHMENT SHALL NOT BE USED AS A FORM OF ECOLOGICAL MITIGATION BUT AS A MEANS OF BEACH RESTORATION AND GRAVEL BACKFILL FOR DRAINS AND WALLS.
- NO PRE-CONSTRUCTION TOPOGRAPHIC AND BATHYMETRIC PROFILE SURVEY AND AGREEMENT TO CONDUCT A POST-CONSTRUCTION SURVEY REQUIRED OR PROPOSED.
- TO THE EXTENT FEASIBLE, RETAIN NATURAL VEGETATION, LIMIT IMPERMEABLE SURFACES, LIMIT DURATION OF IN-WATER WORK AND OTHERWISE MINIMIZE THE EXTENT AND DURATION OF EARTHWORK.

METHODS AND MATERIALS

CONCRETE

- WORK WILL OCCUR DURING LOW TIDE IN THE APPROVED WDFW IN-WATER WORK WINDOW AND IN PHASES TO COORDINATE WITH TIDAL EXPOSURE. GENERAL CONSTRUCTION MEASURE (GCM) #3 APPLIES; ALL CONCRETE WILL BE PLACED IN THE DRY AND ISOLATED FROM STATE WATERS AND WILL BE ALLOWED TO CURE A MINIMUM OF 7 DAYS BEFORE CONTACT WITH SURFACE WATER.
- REFERENCE STANDARDS: ACI-301 AND ACI-318.
- MINIMUM CONCRETE STRENGTH AT 28 DAYS: 4500 PSI
- THE MAXIMUM AGGREGATE SHALL BE 3/4" PER ASTM C57 OR C33. PORTLAND CEMENT SHALL CONFORM TO ASTM C-150, TYPE II.
- COMPLY WITH ACI-301 FOR MIXING. DO NOT EXCEED THE AMOUNT OF WATER SPECIFIED IN THE APPROVED MIX. PROPORTIONS OF AGGREGATE TO CEMENT SHALL BE SUCH AS TO PRODUCE A DENSE WORKABLE MIX WHICH CAN BE PLACED WITHOUT SEGREGATION OR EXCESSIVE FREE SURFACE WATER.

REINFORCING STEEL

- REFERENCE STANDARDS: ACI "DETAIL MANUAL" AND CRSI MANUAL OF STANDARD PRACTICE.
- MATERIALS: REINFORCING STEEL: ASTM A615, GRADE 60
- LAP CONTINUOUS REINFORCING BARS 48 BAR DIAMETERS, UNLESS NOTED OTHERWISE. PROVIDE CORNER BARS FOR ALL HORIZONTAL REINFORCEMENT. PROVIDE CORNER BARS OR HOOK BARS (90 OR 180 DEGREE) AT THE END OF ALL HORIZONTAL REINFORCEMENT IN WALLS. A615 STEEL IS NOT TO BE WELDED TO OTHER STEEL MEMBERS.
- ALL REINFORCING TO BE HOT DIPPED GALVANIZED OR EPOXY COATED, WITH 3" MIN COVER ON ALL REBAR.

BEACH RESTORATION AND BACKFILL

- BACKFILL SHALL BE HARVESTED ONSITE OR LOCALLY IMPORTED CLEAN ROUND GRAVEL SIMILAR IN SIZE TO UNDISTURBED NEIGHBORING LOCATIONS WITH SIMILAR BEACH MORPHOLOGIES.
- BEACH RESTORATION SHALL BE PLACED FOLLOWING WDFW MARINE SHORELINE DESIGN GUIDELINES AND WITHOUT ANY PITS, POTHOLES, OR LARGE DEPRESSIONS, AND ALL NATURAL BEACH COMPLEXITY THAT WAS NECESSARY TO REMOVE WILL BE REPOSITIONED OR REPLACED IN THE ORIGINAL LOCATIONS IMMEDIATELY FOLLOWING COMPLETION OF WORK.
- BACKFILL FOR WALLS SHALL CONFORM TO WSDOT 9-03.12(2) GRAVEL BACKFILL FOR WALLS.
- BACKFILL FOR DRAINS SHALL CONFORM TO WSDOT 9-03.12(4) GRAVEL BACKFILL FOR DRAINS.
- BACKFILL FOR BASE COURSE SHALL CONFORM TO WSDOT 9-03.9(3) CRUSHED SURFACING.
- BEACH NOURISHMENT AND BACKFILL SHALL BE PLACED PER WSDOT 2023 STANDARD SPECIFICATIONS.
- BEACH NOURISHMENT AND BACKFILL SHALL BE PLACED TO FORM A DENSE, UNIFORM, COMPACT, BACKFILL FREE OF VOIDS. AVOID DROPPING FILL FROM HEIGHT, WHICH WILL CAUSE SEGREGATION OF MIX.
- WHEN PLACING MATERIAL IN AREAS KNOWN TO HAVE FORAGE FISH SPAWNING, APPLICANT WILL ADHERE TO WDFW TIMING WINDOWS PROTECTIVE OF FORAGE FISH. WHEN PLACING MATERIAL ON KNOWN SURF-SMELT SPAWNING BEACHES A SPAWNING SURVEY WILL BE CONDUCTED PRIOR TO PLACING MATERIAL.

BEST MANAGEMENT PRACTICES

- ALL CONSTRUCTION DEBRIS WILL BE COLLECTED AND NOT ALLOWED TO ENTER THE WATERS OF THE STATE.
- IF DEBRIS OR SPILL MATERIAL ACCIDENTALLY ENTER THE WATERWAY, IMMEDIATE ACTIONS WILL BE TAKEN TO REMOVE THE MATERIAL, AND PROPER ENTITIES WILL BE NOTIFIED.
- CARE WILL BE TAKEN IN ALL WORK TO PREVENT DEBRIS, OIL AND GREASE FROM ENTERING THE WATER.
- ALL DEBRIS OR SPILL MATERIAL WILL BE PROPERLY DISPOSED OF AT AN APPROVED OFF-SITE DISPOSAL FACILITY.
- REFUELING WILL BE CONDUCTED AWAY FROM THE SHORELINE IN ACCORDANCE WITH THE WASHINGTON STATE DEPARTMENT OF ECOLOGY.
- ALL EQUIPMENT WILL BE CHECKED DAILY FOR LEAKS AND ANY NECESSARY REPAIRS WILL BE MADE PRIOR TO COMMENCEMENT OF WORK.
- NO EQUIPMENT, MATERIALS OR VEHICLES SHALL BE PARKED OR STORED NEAR OR ON THE BEACH.
- EXCAVATION AND SITE-DISTURBING ACTIVITIES SHALL BE STRICTLY LIMITED TO THE MINIMUM NECESSARY TO ACCOMPLISH THE WORK AUTHORIZED IN THIS DECISION. SOIL AND MATERIALS SHALL BE STOCKPILED LANDWARD OF THE OHWM AND EROSION AND SEDIMENTATION CONTROL BEST MANAGEMENT PRACTICES SHALL BE EMPLOYED.
- ALL CONSTRUCTION AND DEMOLITION DEBRIS SHALL BE DISPOSED OF AT A SITE APPROVED BY ISLAND COUNTY PUBLIC WORKS DEPARTMENT. THERE SHALL BE NO DUMPING OR DISPOSING OF DEBRIS ON THE BEACH OR IN THE WATERS OF THE STATE.
- NO ENCROACHMENT ONTO ANY LEGALLY EXISTING EASEMENT OR PROPERTY LINE (OR ONTO ANY REQUIRED SETBACK FOR SUCH) IS PROPOSED BY THIS DESIGN BEYOND WHAT IS SPECIFICALLY SHOWN AND CALLED OUT HEREIN.

CONSTRUCTION SEQUENCE

- SITE BMPS DEPLOYED AND INSTALLED.
- EXISTING TIMBER BULKHEAD SHALL REMAIN IN PLACE UNTIL REPLACEMENT CONCRETE BULKHEAD IS CONSTRUCTED AND CURED.
- EXCAVATE BEHIND EXISTING TIMBER BULKHEAD.
- INSTALL REPLACEMENT CONCRETE BULKHEAD FORMWORK.
- INSTALL REPLACEMENT CONCRETE BULKHEAD REINFORCING.
- INSTALL REPLACEMENT CONCRETE BULKHEAD CONCRETE AND FINISH.
- WAIT A MINIMUM OF 7 DAYS FOR CONCRETE TO CURE PER SSPN.
- WAIT A MINIMUM CONCRETE CURE TIME TO ARCHIVE APPROPRIATE STRENGTH.
- CUT EXISTING TIMBER BULKHEAD AT EXISTING BEACH GRADE AND REMOVE.
- REMOVE REPLACEMENT CONCRETE BULKHEAD FORMWORK.
- COMPLETE BACKFILL, GRADING, AND UPLAND RESTORATION.
- REMOVE SITE BMPS AS REQUIRED.

EXISTING CONDITIONS

EXISTING CONDITIONS ASSUMED PER DESKTOP STUDY.

3/10/26 - DREW McDONALD - Z:\SHARE\PROJECTS\ACTIVE\2025\120512.0586 - DALE KAEMING_8140 SANDY HOOK DR CLINTON DRAWINGS\SICAD-REVIT\ACTIVE\FILE\8140 SANDY HOOK DR_KAEMINGK_PERMIT DRAWINGS REVISION 0.DWG

PURPOSE:

PROTECT EXISTING PRIMARY STRUCTURE (SINGLE FAMILY RESIDENCE) FROM WAVE BASED EROSION, COASTAL FLOODING, AND LARGE STORM EVENTS.

DATUM: NAVD 88

APPLICATION BY:
DALE KAEMING

ADJACENT PROPERTY OWNERS:
SEE APPLICATION

8140 SANDY HOOK DR.
KAEMING BULKHEAD REPLACEMENT
PERMITTING

GENERAL NOTES

ISSUED FOR PERMIT - REV 0
FACET 9706 4th Ave NE, Suite 300
Seattle, WA 98115
www.facetnw.com P: 206.523.0024

PROPOSED:

REPLACE EXISTING
BULKHEAD.

IN: CULTUS BAY
AT: CLINTON, WA, 98236
ISLAND COUNTY
S14, T28, R3E
PARCEL: S8075-00-08102-0

DATE: MARCH 2026
SHEET: 6 OF 6

ANY CHANGES TO THE
APPROVED PLAN NEEDS
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