CITY OF MERCER ISLAND

COMMUNITY PLANNING & DEVELOPMENT

9611 SE 36TH STREET | MERCER ISLAND, WA 98040 PHONE: 206.275.7605 | www.mercergov.org



CITY USE ONLY				
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Received By				

ENVIRONMENTAL CHECKLIST

PURPOSE OF CHECKLIST

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

PRE-APPLICATON MEETING

A pre-application meeting is used to determine whether a land use project is ready for review, to review the land use application process, and to provide an opportunity for initial feedback on a proposed application. Some land use applications require a pre-application – in particular: short and long subdivisions, lot line revisions, shoreline permits, variances, and critical area determinations. The City strongly recommends that all land use applications use the pre-application process to allow for feedback by City staff.

Please note: pre-application meetings are held on Tuesdays, by appointment. To schedule a meeting, submit the meeting request form and the pre-application meeting fee (see fee schedule). Meetings must be scheduled at least one week in advance. Applicants are required to upload a project narrative, a list of questions/discussion points, and preliminary plans to the Mercer Island File Transfer Site one week ahead of the scheduled meeting date.

SUBMITTAL REQUREMENTS

In addition to the items listed below, the code official may require the submission of any documentation reasonably necessary for review and approval of the land use application. An applicant for a land use approval and/or development proposal shall demonstrate that the proposed development complies with the applicable regulations and decision criteria.

- A. Completed pre-application.
- B. **Development Application Sheet.** Application form must be fully filled out and signed.
- C. **Development Plan Set.** Please refer to the Land Use Application- Plan Set Guide in preparing plans.
- D. **Title Report.** Less than 30 days old.
- E. SEPA checklist.

INSTRUCTIONS FOR APPLICANTS

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later. Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you. The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

USE OF CHECKLIST FOR NONPROJECT PROPOSALS

For nonproject proposals complete this checklist and the supplemental sheet for nonproject actions (Part D). The lead agency may exclude any question for the environmental elements (Part B) which they determine do not contribute meaningfully to the analysis of the proposal. For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable:

Mercer Island House: Cascade

2. Name of applicant:

Owners: Janet Buttenwieser and Matthew Wiley

Representative: The Miller Hull Partnership; Contact: April Ng

3. Address and phone number of applicant and contact person:

71 Columbia Street, 6th Floor, Seattle, WA 98104

206-254-2022

4. Date checklist prepared:

November 24, 2021

5. Agency requesting checklist:

City of Mercer Island

6. Proposed timing or schedule (including phasing, if applicable):

Land Use Application: November 2021
Building Permit Application: February 2022

7.	Do you have any plans for future additions, expansions, or further activity related to or connected with this proposal? If yes, explain: Dock reconfiguration is separate scope and will be permitted separately by Seaborn.				
8.	List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal: A geotechnical report, arborist report and critical area report will be prepared as directly related to this proposal.				
9.	Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain: No				
10.	List any government approvals or permits that will be needed for your proposal, if known: Land Use and Building Permit approval with City of Mercer Island.				
11.	Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)				
	Reference Project Narrative.				
12.	Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.				
	Address: 6838 96th AVE SE, Mercer Island WA 98040				
	Tax Parcel Number: 302405-9010				
	Legal Description: South 100 feet of the north 400 feet of government Lot 2, Section 30, Township 24				
	North, Range 5 East, W.M. together with second class shorelands adjoining said premises				
	\(\tau_{1} \tau_{2} \tau_{2} \tau_{3} \tau_{4} \tau_{4} \tau_{5}				
	Vicinity Map on G000 Site plan on G100 and G101				
	Site plan on G100 and G101				

В.	ENVIRONMENTAL ELEMENTS					
1.	Earth					
	a. General description of the site (check one):					
	Flat □ Rolling □ Hilly ☑ Steep slopes □ Mountainous □ Other □					
	<u> </u>					
	b. What is the steepest slope on the site (approximate percent slope)?					
	Slopes exceed 50% along the north property line					
	What consultings of soils are found on the site (for exemple, sleep and ground model model and Allife					
	c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of					
	long-term commercial significance and whether the proposal results in removing any of these					
	soils. Fill: very soft to medium stiff silt; Fine-grained pre-Olympia nonglacial deposits: Silt					
	and Clay: Coarse-grained pre-Olympis nonglacial deposits: Sand and Gravel					
	Existing fill is not suitable for re-use and will need to be removed. Refer to					
	Geotechnical Report for more information					
	d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.					
	There are some indications of shallow surface soil movement as described in section					
	2.1.3 of the geotechnical report, but no indication of global instability at the site.					
	e. Describe the purpose, type, total area, and approximate quantities and total affected area of any					
	filling, excavation, and grading proposed. Indicate source of fill.					
	The total area of proposed grading is approximately 0.5 acre. The amount of of earthwork will require approximately 300 CY of cut and 400 CY of fill. Fill material may include the the use of native on-site material if accepted by the geotechnical engineer. Import					
	fill material will be from an approved source. Export material will be hauled off to an approved location.					
	f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.					
	With appropriate BMPs in place there is a low risk for erosion. The site improvements					
	are generally limited to the existing site development footprint.					
	g. About what percent of the site will be covered with impervious surfaces after project					
construction (for example, asphalt or buildings)? 31% (Includes all lot coverage and hardscape)						
					h. Dronosod magguras to reduce as control arcsion, or other impacts to the earth, if any	
	h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: Temporary erosion and sedimentation control BMPs and construction water quality treatment measures will be					
	implemented to minimize erosion and to treat stormwater runoff during construction. BMPs specific to the site and project					
	will be specified in the construction contract documents that the construction contractor will be required to implement.					
2	Air					

a.	What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors,						
	and industrial wood smoke) during construction, operation, and maintenance when the project						
N.I	is completed? If any, generally describe and give approximate quantities if known.						
	o fossil fuel appliances or wood burning stove are incorporated into the project design. Project goals						
	re to pursue net positive energy, with battery backup to reduce need for a gas powered generator. onstruction emissions will likely be generated during construction from vehicles and equipment						
	onstruction emissions will likely be generated during construction from vehicles and equipment						
b.	Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally						
	describe.						
	Not aware of any at this time.						
c.	Proposed measures to reduce or control emissions or other impacts to air, if any:						
	vide positive methods and apply dust control materials to minimize raising dust from construction						
	rations and provide positive means to prevent airborne dust from dispersing into the atmosphere						
duri	ing construction.						
Wat	er						
a.	Surface:						
	i. Is there any surface water body on or in the immediate vicinity of the site (including year-						
	round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and						
	provide names. If appropriate, state what stream or river it flows into.						
	Project is located on Lake Washington.						
Vetla	nd A has been delineated per the wetland delineation report.						
	ii. Will the project require any work over, in, or adjacent to (within 200 feet) the described						
	waters? If yes, please describe and attach available plans.						
Yes,	the building footprint is within 200 feet of Lake Washington.						
	iii. Estimate the amount of fill and dredge material that would be placed in or removed from						
	surface water or wetlands and indicate the area of the site that would be affected. Indicate						
	the source of fill material.						
The p	roposed project would not require any work in the surface water bodies, and thus would not place any amount						
of fill o	or dredge material in surface water or associated wetlands.						
	iv. Will the proposal require surface water withdrawals or diversions? Give general						
	description, purpose, and approximate quantities if known.						
No.	acsemption, purpose, and approximate quantities it known.						
	Describe approach lie within a 400 month of the delicted of the control of th						
NI.	v. Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.						
No.							

3.

vi. Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No.

b. Ground

i. Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well? Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

No.

ii. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, [containing the following chemicals...]; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

No waste material discharged into ground. Waste line ties into sewer line at lake.

- c. Water runoff (including stormwater):
 - i. Describe the source of runoff (including stormwater) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

The source of runoff on the site will be from rainfall landing on the roofs and exterior paved surfaces. A storm drainage plan will be prepared in accordance with the City of Mercer Island requirements. Stormwater will be collected by catch basin structures and routed through underground piping. The collected stormwater will be mitigated and managed by low impact development BMPs such as bioretention. The runoff will discharge from the site into Lake Washington in a similar manner as current conditions.

ii. Could waste materials enter ground or surface waters? If so, generally describe.

No.

d. Proposed measures to reduce or control surface, ground, runoff water, and drainage pattern impacts, if any:

Flow control BMPs in accordance with the City of Mercer requirements will be utilized to mitigate surface runoff from the project.

These include utilizing low impact development techniques such as bioretention and pervious paving to reduce stormwater flow rates leaving the site.

4. Plants

- a. Check types of vegetation found on the site
 - Deciduous tree: Alder, Maple, Aspen, other
 - Evergreen tree: Fir, Cedar, Pine, other
 - Shrubs

	☐ Crop or grain
	☐ Wet soil plants: Cattail, buttercup, bulrush, skunk cabbage, other
	☐ Water plants: Water lily, eelgrass, milfoil, other
	☐ Other types of vegetation
b.	What kind and amount of vegetation will be removed or altered?
	vasive species will be removed from the entire site (including ivy, vinca, and holly). Other vegetation
	ear the existing house will be removed for new construction (including juniper, sword fern, boxwoods,
a	nd rhodedendron).
c. r	List threatened or endangered species known to be on or near the site. /a
d.	Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: posed vegetation is mostly native and climate adapted species. Soil amendment and/or
exc	eavation will be kept outside of all determined RLOD lines of existing mature trees.
e.	List all noxious weeds and invasive species known to be on or near the site. stly english ivy, holly, St. John's Wort, vinca, and black walnut
Ani	mals
a.	State any birds and animals which have been observed on or near the site or are known to be on or near the site. Examples include:
Bird	
	ls: hawk, heron, eagle, songbirds, other:
	ds: hawk, heron, eagle, songbirds, other: mmals: deer, bear, elk, beaver, other:
Ma	ds: hawk, heron, eagle, songbirds, other: mmals: deer, bear, elk, beaver, other: n: bass, salmon, trout, herring, shellfish, other:
Ma Fish	mmals: deer, bear, elk, beaver, other:
Ma Fish	mmals: deer, bear, elk, beaver, other: n: bass, salmon, trout, herring, shellfish, other:
Ma Fish Son	mmals: deer, bear, elk, beaver, other: n: bass, salmon, trout, herring, shellfish, other:
b. Nor	mmals: deer, bear, elk, beaver, other: i: bass, salmon, trout, herring, shellfish, other: gbirds, ducks, Canada Geese, Eagles, Deer List any threatened or endangered species known to be on or near the site. e that we're aware of.
Ma Fish Son b. Nor	mmals: deer, bear, elk, beaver, other: i: bass, salmon, trout, herring, shellfish, other: gbirds, ducks, Canada Geese, Eagles, Deer List any threatened or endangered species known to be on or near the site. e that we're aware of. Is the site part of a migration route? If so, explain.
b. Nor	mmals: deer, bear, elk, beaver, other: i: bass, salmon, trout, herring, shellfish, other: gbirds, ducks, Canada Geese, Eagles, Deer List any threatened or endangered species known to be on or near the site. e that we're aware of. Is the site part of a migration route? If so, explain.
b. Nor	mmals: deer, bear, elk, beaver, other: i: bass, salmon, trout, herring, shellfish, other: gbirds, ducks, Canada Geese, Eagles, Deer List any threatened or endangered species known to be on or near the site. e that we're aware of. Is the site part of a migration route? If so, explain. e that we're aware of. Proposed measure to preserve or enhance wildlife, if any:
b. Non C. Non d. Inva	mmals: deer, bear, elk, beaver, other: a: bass, salmon, trout, herring, shellfish, other: gbirds, ducks, Canada Geese, Eagles, Deer List any threatened or endangered species known to be on or near the site. e that we're aware of. Is the site part of a migration route? If so, explain. e that we're aware of.

-	e. List any invasive animal species known to be on or near the site. None that we're aware of.	
_	Energy and natural resources	
	 a. What kinds of energy (electric, natural gas, oil, wood stove, solar) completed project's energy needs? Describe whether it will be used for etc. 	
-	Electric will be the only energy source for the home. Gas line will be capped Electric energy source for heating, appliances, cooking.	and decommissioned.
-	 b. Would your project affect the potential use of solar energy by adgenerally describe. No. 	ljacent properties? If so,
-	c. What kinds of energy conservation features are included in the plans of proposed measures to reduce or control energy impacts, if any:	of this proposal? List other
-	A net positive solar PV array will be utilized along with back up battery storage system for power low flow fixtures have been specified for the project. A high performance envelope has been deand triple pane glazing.	er outages. Energy star appliances a stailed, including highly insulated wal
	 a. Are there any environmental health hazards, including exposure to tand explosion, spill, or hazardous waste that could occur as a resudescribe. N/A 	
-	i. Describe any known or possible contamination at the site from passible condition has been a single family residence. No known possible conpast uses.	•
-	ii. Describe existing hazardous chemicals/conditions that might at and design. This includes underground hazardous liquid and glocated within the project area and in the vicinity. N/A	
-	iii. Describe any toxic or hazardous chemicals that might be stored, the project's development or construction, or at any time durin project.	

N/A	iv.	Describe special emergency services that might be required.
N/A	V.	Proposed measures to reduce or control environmental health hazards, if any:
b.	Nois i.	e What types of noise exist in the area which may affect your project (for example: traf equipment, operation, other)?
Boat	traffic	on Lake Washington, Traffic from I-405 is sometimes audible.
		What types and levels of noise would be created by or associated with the project o short-term or a long-term basis (for example: traffic, construction, operation, other indicate what hours noise would come from the site. The from construction vehicles and equipment, construction noises related to framing. Hours appropriate are Zem to Zem. Monday through Friday.
vvori	C TOT C	onstruction projects are 7am to 7pm, Monday through Friday.
Con	iii.	Proposed measures to reduce or control noise impacts, if any:
	<u> </u>	on team will limit construction noise for hours outside of 8 am to 5 pm.
	Sirucii	on team will limit construction hoise for hours outside of 8 am to 5 pm.
Land	d and	shoreline use
	d and Wha	shoreline use t is the current use of the site and adjacent properties? Will the proposal affect current la
Land a.	d and Wha	shoreline use
Land a.	d and Wha uses	shoreline use t is the current use of the site and adjacent properties? Will the proposal affect current la on nearby or adjacent properties? If so, describe.
Land a.	d and Wha uses	shoreline use t is the current use of the site and adjacent properties? Will the proposal affect current la on nearby or adjacent properties? If so, describe. se is single family residential for site and adjacent properties. Proposal does not affect
Land a.	d and What uses rent uses Has muctuses	t is the current use of the site and adjacent properties? Will the proposal affect current to on nearby or adjacent properties? If so, describe. Se is single family residential for site and adjacent properties. Proposal does not affect on nearby or adjacent properties. The project site been used as working farmlands or working forest lands? If so, describe. He agricultural or forest land of long-term commercial significance will be converted to ot
Land a. Curr land	d and What uses rent uses Has muctuses	t is the current use of the site and adjacent properties? Will the proposal affect current last on nearby or adjacent properties? If so, describe. The is single family residential for site and adjacent properties. Proposal does not affect on nearby or adjacent properties. The project site been used as working farmlands or working forest lands? If so, describe. He hagricultural or forest land of long-term commercial significance will be converted to ot as a result of the proposal, if any? If resource lands have not been designated, how many contracts the significance of the proposal is any? If resource lands have not been designated, how many contracts the significance will be converted to ot as a result of the proposal, if any? If resource lands have not been designated, how many contracts the significance will be converted to other thanks the proposal in the prop
Land a. Curr land b.	d and What uses rent uses Has muctuses	t is the current use of the site and adjacent properties? Will the proposal affect current last on nearby or adjacent properties? If so, describe. The is single family residential for site and adjacent properties. Proposal does not affect on nearby or adjacent properties. The project site been used as working farmlands or working forest lands? If so, describe. He hagricultural or forest land of long-term commercial significance will be converted to ot as a result of the proposal, if any? If resource lands have not been designated, how many contracts the significance of the proposal is any? If resource lands have not been designated, how many contracts the significance will be converted to ot as a result of the proposal, if any? If resource lands have not been designated, how many contracts the significance will be converted to ot as a result of the proposal, if any? If resource lands have not been designated, how many contracts the significance will be converted to ot as a result of the proposal, if any? If resource lands have not been designated.
Land a. Curr land b. No	d and What uses Tent uses Has muct uses acre	t is the current use of the site and adjacent properties? Will the proposal affect current last on nearby or adjacent properties? If so, describe. The is single family residential for site and adjacent properties. Proposal does not affect on nearby or adjacent properties. The project site been used as working farmlands or working forest lands? If so, describe. He hagricultural or forest land of long-term commercial significance will be converted to ot as a result of the proposal, if any? If resource lands have not been designated, how many contracts the significance of the proposal is any? If resource lands have not been designated, how many contracts the significance will be converted to ot as a result of the proposal, if any? If resource lands have not been designated, how many contracts the significance will be converted to ot as a result of the proposal, if any? If resource lands have not been designated, how many contracts the significance will be converted to ot as a result of the proposal, if any? If resource lands have not been designated.

d. Will any structures be demolished? If so, what?

	Due to the poor condition of all structures, the house, garage and shed will be demolished. The
	dock and boat lift will also be repaired and replaced under a separate proposal.
	e. What is the current zoning classification of the site?
	Single Family R-8.4
	f. What is the current comprehensive plan designation of the site?
	N/A
	g. If applicable, what is the current shoreline master program designation of the site?
	Urban Residential Environment
	h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.
	The property has steep slope, protected slope, landslide hazard, potential slide, erosion hazard,
	and seismic hazard areas mapped on the property.
	i. Approximately how many people would reside or work in the completed project?
	A family of four will reside in the completed project.
	j. Approximately how many people would the completed project displace?
	The previous owner was also a family, the team is unsure of how many people lived there
	previously.
	k. Proposed measures to avoid or reduce displacement impacts, if any:
	N/A
	Proposed measures to ensure the proposal is compatible with existing and projected land uses
	and plans, if any:
	Proposal meets the current City of Mercer Island Municipal Code requirements
9.	Housing
<i>J</i> .	a. Approximately how many units would be provided, if any? Indicate whether high, middle, or
	low-income housing.
	N/A. Single Family Residential

	 Approximately how many units, if any, would be eliminated? Indicate whether high, middle, low-income housing. N/A 					
	c. Proposed measures to reduce or control housing impacts, if any: N/A					
10.	Aesthetics					
	 a. What is the tallest height of any proposed structure(s), not including antennas? What is the principal exterior material(s) proposed? The heighest point of the building is 59'-7" Elevation. Principal exterior material is kebony wood siding. 					
	b. What views in the immediate vicinity would be altered or obstructed? Views from the property to the south may be altered. Our understanding is this area of the neighboring home is the garage.					
	neignboning nome is the garage.					
	c. Proposed measures to reduce or control aesthetics impacts, if any: Proposed material palette is a contemporary pacific northwest look with durable sustainable siding that will require less maintenance.					
11.	Light and glare					
	a. What type of light or glare will the proposal produce? What time of day would it mainly occur? Interior lights are primary light source of project. Exterior lighting is designed to reduce light pollution.					
	polition.					
	 b. Could light or glare from the finished project be a safety hazard or interfere with views? Not that we're aware of. Lighting intent is to provide enough lighting for safe passage through site, without over lighting. 					
	without over lighting.					
	c. What existing off-site sources of light or glare may affect your proposal? N/A					
	d. Proposed measures to reduce or control light and glare impacts, if any: N/A					
12.	Recreation					
	a. What designated and informal recreational opportunities are in the immediate vicinity?					
	ar arrangement and market can be arranged and market and market arranged and market arranged					

	b. Would the proposed project displace any existing recreational uses? If so, describe. N/A			
	c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: N/A			
3.	Historic and cultural preservation			
	 Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe. 			
	The existing home was built in 1934, and renovated in 1970. It is not listed in national, state, or loc preservation registers.			
	 b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources. N/A 			
	c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. Team reviewed historic maps, photos, and GIS data and did not discover any reference to cultural or historic resources on or near the project site.			
	 d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required. N/A 			
4.	Transportation			
	 a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. Private driveway to residence is accessed off of 96th Ave SE. 			

_	 b. Is the site or affected geographic area currently served by public transit? If so, generally described life not, what is the approximate distance to the nearest transit stop? The nearest bus stop is 0.7 miles away, located on Island Crest Way. 					
_						
_	c. How many additional parking spaces would the completed project or nonproject proposal have? How many would the project or proposal eliminate? The existing number of parking spaces will remain. (2) covered, (2) uncovered.					
	 d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private). N/A					
	 e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. N/A 					
_						
	f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and non-passenger vehicles). What data or transportation models were used to make these estimates? There will be a vehicular trip in the morning and afternoon for when the family leaves for					
_	work/school, and returns home. This will always be in passenger vehicles.					
_						
	g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe. N/A					
_	h. Proposed measures to reduce or control transportation impacts, if any: N/A					
_						
_						
	 Public services a. Would the project result in an increased need for public services (for example; fire protection, police protection, health care, schools, other)? If so, generally describe. N/A 					
_						
_						
	b. Proposed measures to reduce or control direct impacts on public services, if any.					

	N/A				
16.	Utilities				
	a. Check	utilities curr	ently available at the s	ite:	
	Electricity 🔽	1	Natural Gas 🖊	Water 🗹	Refuse Service □
	Telephone	 ✓	Sanitary sewer 🗹	Septic system \Box	Other □
					providing the service, and the nity which might be needed.
	Project will re	eplace existine	ng underground power	line (PSE) if it runs in the ver lines (City of Mercer Is e.	
C.	SIGNATURE				
	I certify (or declare) under penalty of perjury under the laws of the State of Washington that the answers to the attached SEPA Checklist are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.				
Sign	ature: Ark	Ma The	Miller Hull Partnership	o, LLP	
Date	Pate Submitted: November 24, 2021				

SEPA RULES

SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(do not use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; productions, storage, or release of toxic or hazardous substances; or production of noise?

The proposal will not increase discharge to the water, emissions to air or increase productions,

storage, or release toxic or hazardous substances or increase production of noise.

	Proposed measures to avoid or reduce increases are: The existing solid burning fire place and all fossil fuel appliances will be removed. An all electric
	backup battery will be utilized instead of a gas generator.
2.	How would the proposal be likely to affect plants, animals, fish, or marine life? The proposal is not likely to affect plants, animals, fish or marine life.
	Proposed measures to protect or conserve plants, animals, fish, or marine life are: Team is working with arborist to enhance trees. Landscape design will remove noxious weeds and
	restore areas with native vegetation.
3.	How would the proposal be likely to deplete energy or natural resources? Proposal will use electricity for all energy needs in the home. No fossil fuel appliances will be
	installed.
	Proposed measures to protect or conserve energy and natural resources are: Proposal includes a solar array to generate all energy needs for the home.
4.	How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?
	Proposal is unlikely to use or affect environmentally sensitive areas or areas designated for
	governmental protection.
	Proposed measures to protect such resources or to avoid or reduce impacts are: Proposal includes all development landward of the OHWM. Driveway location has been moved south, away from the wetland to avoid any impacts to the wetland.
	South, away from the wettand to avoid any impacts to the wettand.
5.	How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans? Proposal does not include any dock or bulkhead work. Dock work will be under a separate permit.
	Proposed measures to avoid or reduce shoreline and land use impacts are:
	Impacts are minimized by utilizing the existing developed footprint as feasible within on-site critical
	area buffers and setbacks. Shoreline redevelopment leaves the 0-25-ft shoreline setback largely
	intact and incorporates a bioretention pond to manage site drainage.

6.	How would the proposal be likely to increase demands on transportation or public services and utilities?
	Proposal is unlikely to increase demands on transportation or public services and utilities. Current
	proposal for a single family residence replaces an existing single family residence.
	Proposed measures to reduce or respond to such demand(s) are:
	Proposal incorporates electric vehicle and bike charging.
7.	Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment. N/A

[Statutory Authority: RCW 43.21C.110. WSR 16-13-012 (Order 15-09), § 197-11-960, filed 6/2/16, effective 7/3/16. Statutory Authority: RCW 43.21C.110 and 43.21C.100 [43.21C.170]. WSR 14-09-026 (Order 13-01), § 197-11-960, filed 4/9/14, effective 5/10/14. Statutory Authority: RCW 43.21C.110. WSR 13-02-065 (Order 12-01), § 197-11-960, filed 12/28/12, effective 1/28/13; WSR 84-05-020 (Order DE 83-39), § 197-11-960, filed 2/10/84, effective 4/4/84.]