



## SEPA environmental checklist

### ***Purpose of checklist:***

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

### ***Instructions for applicants:***

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

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.

### ***Instructions for Lead Agencies:***

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination.

Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

***Use of checklist for nonproject proposals:***

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the [supplemental sheet for nonproject actions \(part D\)](#). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

***A. Background***

1. Name of proposed project, if applicable: [Fourth St. House](#)
2. Name of applicant: [Jan Hromada](#)
3. Address and phone number of applicant and contact person:  
[PO Box 3302 Seattle, WA 98133](#)  
[206-915-3412](#)
4. Date checklist prepared: [3/17/2022](#)
5. Agency requesting checklist: [City of Mukilteo Planning Department](#)
6. Proposed timing or schedule (including phasing, if applicable): [Summer 2022](#)
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [No further activity is planned.](#)
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. [Drainage Report, Soils Management, GES Report, & Slope Management](#)
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. [None.](#)
10. List any government approvals or permits that will be needed for your proposal, if known. [Reasonable Use Variance & Steep Slope Buffer Variance](#)

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.) [The proposed project is a 3-storey; wood framed, single family home with attached garage and partial daylight basement. The proposed home footprint is 1,166.73 sq.ft. and a total gross of approximately 3,017 sq.ft. Project will be located on the South-Eastern portion of an undeveloped 1 Acre lot.](#)

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.

[Parcel 00596901100100; Unaddressed Fourth St. Mukilteo, WA 98275](#)

[NE1/4 SEC4 T28N R4E](#)

[Block 11, Thomas' Add. to Town of Mukilteo, Vol. 1, PG.89](#)

## ***B. Environmental Elements***

- ***Earth***

a. General description of the site:

(circle one): Flat, rolling, hilly, [steep slopes](#), mountainous, other

\_\_\_\_\_

b. What is the steepest slope on the site (approximate percent slope)? [70%](#)

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. [Per Geotech Slope Stability Considerations, upper loose fill, medium dense native sand, and](#)

denser sand were found in test borings

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [No indications, see Geotechnical Engineer Study dated August, 11<sup>th</sup> 2021](#)
- 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. [No fill, grading and excavation only. Resue of fill for landscaping on site.](#)
- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [No, cleared grading does not occur at sloped portions of the site. Runoff will be contained. precautions provided in Drainage report.](#)
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? [3.4%](#)
- g. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [Drainage Report, dated 12/14/2021 proposes erosion mitigation measures.](#)

## **2. Air**

- a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. [General construction emissions from equipment associated with construction of a single family home. Continued emissions from ventilation and plumbing consistent with continued habitation of a single family home.](#)
- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. [None, surrounding areas already developed per zoning.](#)
- c. Proposed measures to reduce or control emissions or other impacts to air, if any: [None.](#)

## **3. Water**

- a. Surface Water:
  - 1) 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.

Located on adjacent Western parcel, a stream fed from the Japanese Gulch Conservation Area. Eastern side of stream has a wetland area that includes portions located on site.

- 2) 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, see provided site plan for river delineation.](#)
- 3) 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. [No river or wetland disturbance related to this construction.](#)
- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. [None.](#)
- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. [Not in 100-year floodplain.](#)
- 6) 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 Water:

- 1) 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. Project will tie into existing water utilities.](#)
- 2) 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. [None. Project will tie into existing city sewer system.](#)

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) 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. [Stormwater runoff mitigation will be provided by concentrated flow dispersion into native vegetation per Drainage Report.](#)
- 2) Could waste materials enter ground or surface waters? If so, generally describe. [A pollution source control is not required for this residential development.](#)
- 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. [Proposed dispersion system does not alter the sites natural drainage system, see Drainage Report dated 12/14/2021.](#)

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: [No off-site mitigation is proposed.](#)

#### 4. **Plants**

- Check the types of vegetation found on the site:

deciduous tree: alder, maple, aspen, other  
 evergreen tree: fir, cedar, pine, other  
 shrubs  
 grass  
 pasture  
 crop or grain  
 Orchards, vineyards or other permanent crops.  
 wet soil plants: cattail, buttercup, bullrush, 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? [Native vegetation to remain. Area around new single family home used for green space.](#)

- c. List threatened and endangered species known to be on or near the site.  
None.
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: Storm water runoff conveyed down to toe of steep slopes and dispersed over native vegetation.
- e. List all noxious weeds and invasive species known to be on or near the site.  
None.

## 5. Animals

- a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site.

Examples include:

birds: hawk, heron, eagle, songbirds, other:

mammals: deer, bear, elk, beaver, other:

fish: bass, salmon, trout, herring, shellfish, other \_\_\_General  
Urban Wildlife

- b. List any threatened and endangered species known to be on or near the site.  
None.
- c. Is the site part of a migration route? If so, explain. No.
- d. Proposed measures to preserve or enhance wildlife, if any: Majority of site will remain as undisturbed natural vegetation.
- e. List any invasive animal species known to be on or near the site. None.

## 6. Energy and Natural Resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. **Projects energy needs, heating & household appliances, will be met through electric power supplied by the municipal power grid.**
- b. Would your project affect the potential use of solar energy by adjacent properties?  
If so, generally describe. **No affect.**
- c. What kinds of energy conservation features are included in the plans of this proposal?  
List other proposed measures to reduce or control energy impacts, if any:  
**Project will conform to the latest WSEC regulations.**

## 7. Environmental Health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal?  
If so, describe.
  - Describe any known or possible contamination at the site from present or past uses. **None.**
  - Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity. **None.**
  - Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project. **None.**
  - Describe special emergency services that might be required. **None.**

- Proposed measures to reduce or control environmental health hazards, if any: [None required.](#)

**b. Noise**

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? [Sources of noise include residential traffic along 4<sup>th</sup> st, and vehicular traffic utilizing the parking lot adjacent to the sites East side.](#)
- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. [Short-term noise from construction traffic and equipment. Long-term noise typical to a single family development.](#)
- 3) Proposed measures to reduce or control noise impacts, if any: [No noise mitigation is required for this proposal.](#)

**8. Land and Shoreline Use**

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. [Eastern and Southern adjacent properties are already developed and current proposal will not affect them. Northern and Eastern adjacent properties are undeveloped and remain undisturbed by this development.](#)
- b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? [No prior use as farmland or forest land.](#)
  - 1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how: [No impact.](#)
- c. Describe any structures on the site. [Site is undeveloped.](#)

- d. Will any structures be demolished? If so, what? [Site is undeveloped.](#)
- e. What is the current zoning classification of the site? [RD 7.5 Single Family Residential](#)
- f. What is the current comprehensive plan designation of the site? [Single Family Residential- High Density](#)
- g. If applicable, what is the current shoreline master program designation of the site? [None.](#)
- h. Has any part of the site been classified as a critical area by the city or county? If so, specify. [City of Mukilteo Geotech Report zone and LiDAR indicated steep slope.](#)
- i. Approximately how many people would reside or work in the completed project? [Single family home for 4-5 members.](#)
- j. Approximately how many people would the completed project displace? [None, site is undeveloped.](#)
- k. Proposed measures to avoid or reduce displacement impacts, if any: [N/A – item J above.](#)
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [Proposed use allowed outright under zoning code.](#)
- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: [N/A](#)

## **9. Housing**

- a. Approximately how many units would be provided, if any? Indicate whether high, mid-  
dle, or low-income housing. [N/A](#)
- b. Approximately how many units, if any, would be eliminated? Indicate whether high,  
middle, or 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 building material(s) proposed? [Max. Building Ht. +30' Above Average Grade as calculated per Mukilteo Zoning Code.](#)
- What views in the immediate vicinity would be altered or obstructed? [None.](#)
  - Proposed measures to reduce or control aesthetic impacts, if any: [None required for this project.](#)

### **11. Light and Glare**

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [Typical use of interior and exterior lights for a single family home.](#)
- b. Could light or glare from the finished project be a safety hazard or interfere with views? [No interference with views.](#)
- c. What existing off-site sources of light or glare may affect your proposal? [Existing residential street lighting has no affect on this proposal.](#)
- d. Proposed measures to reduce or control light and glare impacts, if any: [Light and glare mitigation is not required for this project.](#)

### **12. Recreation**

- a. What designated and informal recreational opportunities are in the immediate vicinity? [Multiple parks, trails, and the Japansese Gulch Conservation Area are located within the immediate vicinity.](#)
- b. Would the proposed project displace any existing recreational uses? If so, describe. [No, the site is undeveloped.](#)
- 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](#)

### **13. Historic and cultural preservation**

- a. 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. [None, the site is undeveloped.](#)

- 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. [None.](#)
  
- 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. [N/A, see items A & B above.](#)
  
- 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, see answer to items above.](#)

#### **14. 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. [Site is undeveloped on existing residential street.](#)
  
- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop? [Ferry, Train, and Bus stops are located within a 15 min walking distance of approx. 0.7 miles.](#)
  
- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [Parking provided in attached 2-car garage.](#)
  
- 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). [Proposal will require a new curb cut on 4<sup>th</sup> st. for driveway.](#)
  
- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. [Project is located South-West of Mukilteo Ferry Terminal and the Mukilteo Train Station.](#)

- 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 nonpassenger vehicles). What data or transportation models were used to make these estimates? [Development is for a single family residential home.](#)
- 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. [No effect.](#)
- h. Proposed measures to reduce or control transportation impacts, if any: [N/A see item G above.](#)

### **15. Public Services**

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe. [Increased demand consistent with additional single family home development.](#)
- b. Proposed measures to reduce or control direct impacts on public services, if any.  
[None required beyond municipal public service fees.](#)

### **16. Utilities**

- a. Circle utilities currently available at the site:  
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,  
other: [Site is undeveloped with no utilities installed.](#)
- Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. [Project to tie into available civil infrastructure along 4<sup>th</sup> st. including electric, water, and sanitary sewer. Refuse service available for the site through approved waste service providers.](#)

## **C. Signature**

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature:



Name of signee

Jan Hromada

Position and Agency/Organization

Founding Architect, LEV Architecture LLC

Date Submitted:

05-02-2022

#### ***D. Supplemental sheet for nonproject actions***

(IT IS NOT NECESSARY to 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; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to protect or conserve energy and natural resources are:

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?

Proposed measures to protect such resources or to avoid or reduce  
impacts are:

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?

Proposed measures to avoid or reduce shoreline and land use impacts  
are:

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Proposed measures to reduce or respond to such demand(s) are:

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.