



File No. EA2021-143

**CITY OF RICHLAND**  
**Determination of Non-Significance**

**Description of Proposal:** Grade/fill approximately 5,000 cubic yards of material and construct five buildings each between 5,000 and 10,000 square feet in size.

**Proponent:** Calvin Matson  
P.O. Box 794  
Richland, WA 99352

**Location of Proposal:** The project will occur at 2533 Logan Street, within the City of Richland, Washington upon APN 128081000002017.

**Lead Agency:** City of Richland

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.

( ) There is no comment for the DNS.

( **X** ) This DNS is issued under WAC 197-11-340(2); the lead agency will not act on this proposal for fourteen days from the date of issuance.

( ) This DNS is issued after using the optional DNS process in WAC 197-11-355. There is no further comment period on the DNS.

**Responsible Official:** Mike Stevens

**Position/Title:** Planning Manager

**Address:** 625 Swift Blvd., MS #35, Richland, WA 99352

**Date:** December 28, 2021

Signature 

# 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** [\[HELP\]](#)

1. Name of proposed project, if applicable: **Logan Street Commercial**
2. Name of applicant: **Matson Construction, LLC**
3. Address and phone number of applicant and contact person: **Calvin Matson 509-940-7360  
PO Box 794, Richland, WA 99352**

4. Date checklist prepared: 12/1/2021
5. Agency requesting checklist: City of Richland
6. Proposed timing or schedule (including phasing, if applicable): Planning to start grading portion of project upon approval of grading permit.
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. Yes, the project will ultimately have 5 buildings done in phases as buildings are leased.
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. No environmental information known of or planned for this project.
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 other pending applications or proposals.
10. List any government approvals or permits that will be needed for your proposal, if known. City of Richland grading and building permits.

description.) This project proposes to divide the existing 5.00 acre parcel into five lots ranging from 0.0625 acres to 2.49 acres through the Binding Site Plan process. The project will include the construction of 5 buildings ranging in size from 5,000 SF to 20,000 SF. The proposed buildings will be used for industrial purposes and will include office spaces.

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. The site is located in the Horn Rapids Industrial Park on the South side of Logan Street approx. 2,500 FT West of Hagen Rd. the current Benton County Parcel Number is 128081000002017.

## B. Environmental Elements [\[HELP\]](#)

### 1. Earth [\[help\]](#)

- a. General description of the site:

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other Gently Sloping

- b. What is the steepest slope on the site (approximate percent slope)? The steepest slope on the site is approx. 8%.
- 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. The soil on-site is classified as Quincy Loamy Sand.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. *No indications or history of unstable soils in the vicinity.*
- 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. *This proposal includes grading/fill to balance the site to allow for proposed buildings. There will be approx. 5,000 CY of cut/fill. Approx. 4.8 acres will be graded/disturbed.*
- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. *Erosion could occur during grading activities however, silt fence and or other erosion control measures will be implemented.*
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? *Approx. 40% of site will be covered with building and asphalt.*
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: *Silt fence and other BMP's will be used to control erosion.*

**2. Air** [\[help\]](#)

- 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. *There is the possibility of air borne dust, however, this will be mitigated with the use of a water truck during construction.*
- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. *No.*
- c. Proposed measures to reduce or control emissions or other impacts to air, if any: *Dust will be controlled with water during construction.*

**3. Water** [\[help\]](#)

a. Surface Water: [\[help\]](#)

- 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. *No surface water on the site or in the vicinity.*
- 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. *N/A*
- 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. *None proposed.*
- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. *No.*

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. **No.**

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 discharge of waste materials.**

b. Ground Water: [\[help\]](#)

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 well proposed, drinking water provided by City of Richland.**

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. **No waste material proposed to be discharged.**

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. **Stromwater from the building roofs and the asphalt areas will be collected and dispersed onsite.**

2) Could waste materials enter ground or surface waters? If so, generally describe. **No waste materials to be generated onsite.**

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. **Proposal does not affect drainage patterns.**

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: **Storm water will be collected and infiltrated onsite.**

4. **Plants** [\[help\]](#)

a. 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 grass and weeds covering the site will be removed.
- c. List threatened and endangered species known to be on or near the site. No threatened or endangered species are on or near the site.
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: Trees and ground cover will be placed at landscape areas along Logan Street, all other portions of site will be covered with crushed rock.
- e. List all noxious weeds and invasive species known to be on or near the site. No noxious weeds or invasive species are known to be on or near the site.

**5. Animals** [\[help\]](#)

- 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. None known or observed.

Examples include:

birds: hawk, heron, eagle, songbirds, other:  
 mammals: deer, bear, elk, beaver, other:  
 fish: bass, salmon, trout, herring, shellfish, other \_\_\_\_\_

- b. List any threatened and endangered species known to be on or near the site. No threatened or endangered species are known to be on or near the site.
- c. Is the site part of a migration route? If so, explain. Site is not part of a migration route.
- d. Proposed measures to preserve or enhance wildlife, if any: None proposed. No wildlife present.
- e. List any invasive animal species known to be on or near the site. No invasive animal species known to be on or near the site.

## 6. Energy and Natural Resources [\[help\]](#)

- 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. *Proposed buildings will be heated with electric heat pump.*
  
- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. *No.*
  
- 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: *None proposed beyond local building and energy codes.*

## 7. Environmental Health [\[help\]](#)

- 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. *No environmental health hazards will occur as a result of this proposal.*
  - 1) Describe any known or possible contamination at the site from present or past uses. *Site does not contain any contamination.*
  
  - 2) 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. *There are no existing hazardous chemicals/conditions that would affect this project.*
  
  - 3) 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. *No toxic or hazardous chemicals will be stored or produced at the site. However, diesel fuel will be used to fuel the equipment during construction.*
  
  - 4) Describe special emergency services that might be required. *Beyond typical fire and ambulance services no other special emergency services will be required.*
  
  - 5) Proposed measures to reduce or control environmental health hazards, if any: *None proposed.*
  
- b. *Noise*
  - 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? *No existing noise in the area will affect the proposal.*
  
  - 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. *During construction there will be typical construction equipment noise.*
  
  - 3) Proposed measures to reduce or control noise impacts, if any: *None proposed.*

## 8. Land and Shoreline Use [\[help\]](#)

- 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. The site is currently vacant/undeveloped. The adjacent developed properties are essential the same as this proposal in that they are contractors office/yards and warehouse/storage. The proposal will not affect the adjoining properties
- 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? Site has not been used as working farmland or forest lands.
- 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: This proposal will not affect or be affected by surround working farm or forest land.
- c. Describe any structures on the site. None present.
- d. Will any structures be demolished? If so, what? N/A
- e. What is the current zoning classification of the site? Medium Industrial (I-M)
- f. What is the current comprehensive plan designation of the site? Medium Industrial (I-M)
- g. If applicable, what is the current shoreline master program designation of the site? N/A
- h. Has any part of the site been classified as a critical area by the city or county? If so, specify. No.
- i. Approximately how many people would reside or work in the completed project? Approx. 15 people would work in the completed project.
- j. Approximately how many people would the completed project displace? None.
- k. Proposed measures to avoid or reduce displacement impacts, if any: N/A



L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: *The project will be permitted through the local jurisdictions in accordance all applicable zoning ordinances.*

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: *None proposed.*

## 9. **Housing** [\[help\]](#)

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. *None proposed.*

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. *None.*

c. Proposed measures to reduce or control housing impacts, if any: *None proposed.*

## 10. **Aesthetics** [\[help\]](#)

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? *Approx. 24 FT. Building materials will be in conformance with City of Richland Aesthetic and Structural requirements for industrial zoning.*

b. What views in the immediate vicinity would be altered or obstructed? *No views would be affected.*

b. Proposed measures to reduce or control aesthetic impacts, if any: *None proposed. Building construction and style to be similar to adjacent and other buildings in the area.*

## 11. **Light and Glare** [\[help\]](#)

a. What type of light or glare will the proposal produce? What time of day would it mainly occur? *This proposal will not produce any light or glare.*

b. Could light or glare from the finished project be a safety hazard or interfere with views? *No.*

c. What existing off-site sources of light or glare may affect your proposal? *None.*

d. Proposed measures to reduce or control light and glare impacts, if any: *None proposed.*

## 12. Recreation [\[help\]](#)

- a. What designated and informal recreational opportunities are in the immediate vicinity? *None in the immediate vicinity.*
- b. Would the proposed project displace any existing recreational uses? If so, describe. *No existing recreational uses would be displaced.*
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: *None proposed.*

## 13. Historic and cultural preservation [\[help\]](#)

- 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. *There are no existing buildings on the site. All adjacent buildings, structures and sites are less than 45 years old.*
- 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. *There are no landmarks, features, other evidence, or areas of cultural importance on or near the site.*
- 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. *Title and GIS searches were done to verify that no cultural or historic resources were on or near the 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. *None proposed.*

## 14. Transportation [\[help\]](#)

- 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. *The site will be accessed from Logan Street at the North.*
- 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? *The nearest Ben-Franklin Transit stop is approx. 1/2 mile to the East.*
- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? *The project would provide for 30-40 new parking spaces. None will be eliminated.*

- 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). **No.**
- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. **No.**
- 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? **The completed project would generate approx. 25-40 vehicles per day.**
- 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. **This project will not affect or be affected by the movement or origination of agricultural or forest products in the area.**
- h. Proposed measures to reduce or control transportation impacts, if any: **None proposed.**

**15. Public Services** [\[help\]](#)

- 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. **No increased public services would be required.**
- b. Proposed measures to reduce or control direct impacts on public services, if any. **None proposed.**


**16. Utilities** [\[help\]](#)

- a. Circle utilities currently available at the site:  
**electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,**  
 other \_\_\_\_\_
- c. 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. **City of Richland currently serves the site with power, water and sewer. The project will include the connection of same.**

### C. Signature [\[HELP\]](#)

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 Calvin Matson

Position and Agency/Organization Matson Construction, LLC - President

Date Submitted: 12/02/2021

### D. Supplemental sheet for nonproject actions [\[HELP\]](#)

(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? **N/A**

Proposed measures to avoid or reduce such increases are: **N/A**

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

Proposed measures to protect or conserve plants, animals, fish, or marine life are: **N/A**

3. How would the proposal be likely to deplete energy or natural resources? **N/A**

Proposed measures to protect or conserve energy and natural resources are: **N/A**

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? N/A

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

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? N/A

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

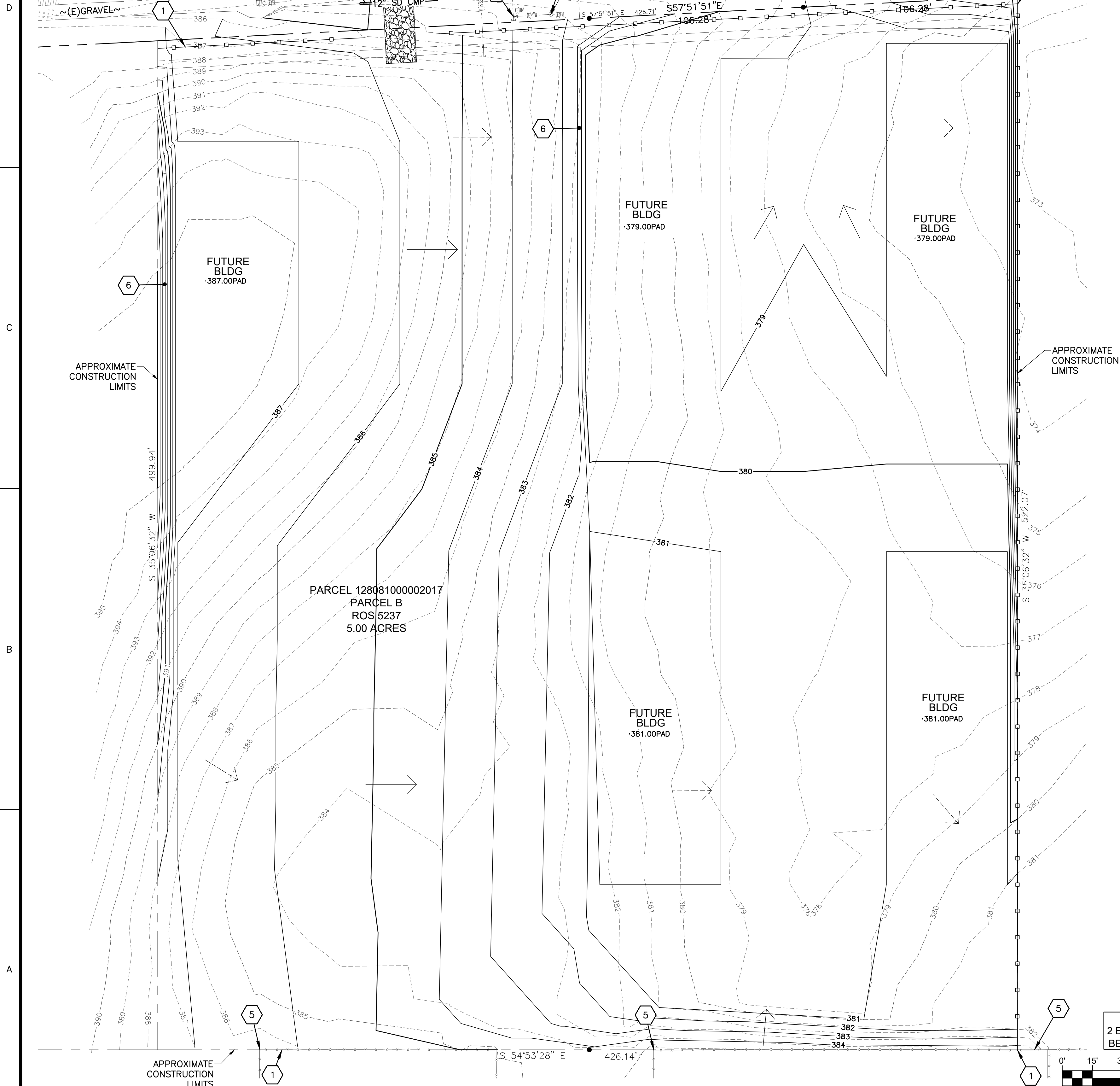
6. How would the proposal be likely to increase demands on transportation or public services and utilities? N/A

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

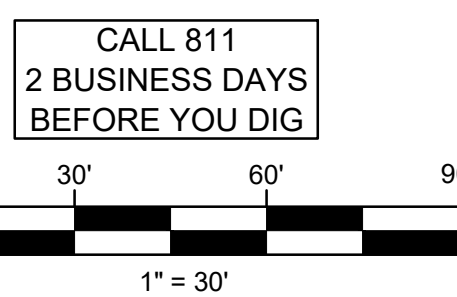
7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment. N/A



LOGAN STREET



PARCEL 12808100002017  
PARCEL B  
ROS 5237  
5.00 ACRES



CALL 811  
2 BUSINESS DAYS  
BEFORE YOU DIG

KEY NOTES

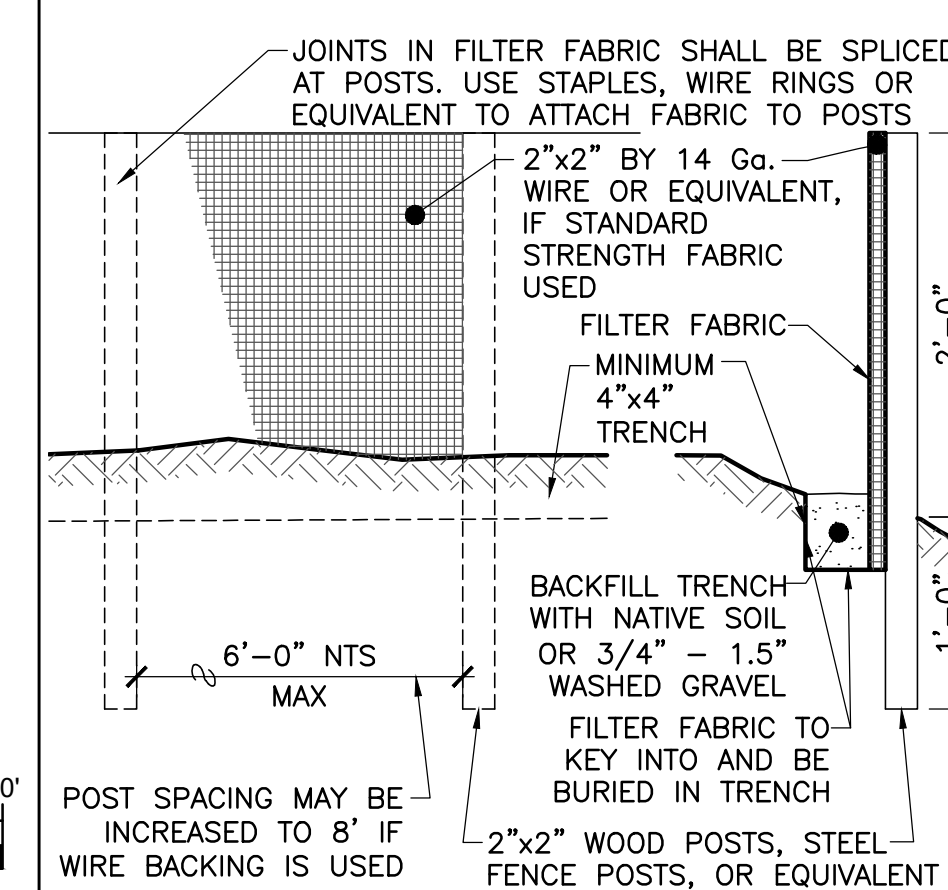
- 1 SILT FENCING SHALL BE INSTALLED AT LOCATIONS SHOWN AND AS NEEDED AT ANY LOCATIONS OF SITE WHERE SURFACE RUNOFF MAY ERODE SOILS AWAY FROM SITE, CONTRACTOR SHALL INSTALL ADDITIONAL SILT FENCING AS NECESSARY, REFER TO DETAIL A5
- 2 CONSTRUCTION ACCESS, SEE EROSION CONTROL NOTES
- 3 TEMPORARY CULVERT PER CITY OR RICHLAND STANDARD DETAIL ST22
- 4 PROTECT UTILITY IN PLACE
- 5 PROTECT EXISTING FENCE
- 6 MAXIMUM 2:1 SLOPE IN SLOPED AREA

EROSION CONTROL NOTES

1. PROVIDE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES TO PREVENT SOIL EROSION AND DISCHARGE OF SOIL-BEARING WATER RUNOFF OR AIRBORNE DUST TO ADJACENT PROPERTIES, WALKWAYS, AND DESIGNATED STORMWATER SWALES ACCORDING TO REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
2. ESTABLISH CONSTRUCTION ACCESS.
  - A. CONSTRUCTION VEHICLE ACCESS AND EXIT SHALL BE LIMITED TO ONLY NECESSARY LOCATIONS. ACCESS POINTS SHALL BE STABILIZED WITH QUARRY SPALL OR CRUSHED ROCK TO MINIMIZE THE TRACKING OF SEDIMENT ONTO PUBLIC ROADS, MINIMUM 100 FEET LONG.
  - B. PUBLIC ROADS SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR PICKUP SWEEPING AND SHALL BE TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. STREET WASHING WILL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER.
  - C. STREET WASH WASTEWATER SHALL BE CONTROLLED BY PUMPING BACK ON-SITE, OR OTHERWISE BE PREVENTED FROM DISCHARGING INTO SYSTEMS TRIBUTARY TO STATE SURFACE WATERS.
  - D. WHENEVER POSSIBLE, THE ENTRANCE SHALL BE CONSTRUCTED ON A FIRM, COMPACTED SUBGRADE. THIS CAN SUBSTANTIALLY INCREASE THE EFFECTIVENESS OF THE PAD AND REDUCE THE NEED FOR MAINTENANCE.
  - E. QUARRY SPALLS SHALL BE ADDED IF THE PAD IS NO LONGER IN ACCORDANCE WITH THE SPECIFICATIONS.
  - F. IF THE ENTRANCE IS NOT PREVENTING SEDIMENT FROM BEING TRACKED ONTO PAVEMENT, THEN ALTERNATIVE MEASURES TO KEEP THE STREETS FREE OF SEDIMENT SHALL BE USED. THIS MAY INCLUDE STREET SWEEPING, AN INCREASE IN THE DIMENSIONS OF THE ENTRANCE, OR THE INSTALLATION OF A WHEEL WASH.
  - G. ANY QUARRY SPALLS THAT ARE LOOSENED FROM THE PAD, WHICH END UP ON THE ROADWAY, SHALL BE REMOVED IMMEDIATELY.
  - H. UNTIL PROJECT COMPLETION AND SITE STABILIZATION, ALL CONSTRUCTION ACCESSES INTENDED AS PERMANENT ACCESS FOR MAINTENANCE SHALL BE PERMANENTLY STABILIZED.
3. CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY SILT FENCING TO PREVENT ANY WATER RUNOFF FROM ANY DISTURBED AREAS AT A MINIMUM SILT FENCE WILL BE ALONG THE DOWN SLOPE PROPERTY LINES. THE SILT FENCES SHALL BE CONSTRUCTED IN THE AREAS OF CLEARING, GRADING, OR DRAINAGE PRIOR TO STARTING THOSE ACTIVITIES. THE SILT FENCE SHALL PREVENT SOIL CARRIED BY RUNOFF WATER FROM GOING BENEATH, THROUGH, OR OVER THE TOP OF THE SILT FENCE, BUT SHALL ALLOW THE WATER TO PASS THROUGH THE FENCE.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING AND MAINTAINING A DUST CONTROL PLAN. DUST CONTROL SHALL BE IN ACCORDANCE WITH ALL LOCAL ORDINANCES. ALL DUST CONTROL MEASURES SHALL BE DONE WITH A PERSON OPERATED WATERING DEVICE (E.G. WATER TRUCK, WATER WAGON, ETC.) NO UNATTENDED WATERING ALLOWED. NO IRRIGATION LINES OR OTHER IRRIGATION/SPRINKLER TYPE WATERING DEVICES ALLOWED.
5. INSPECT, REPAIR, AND MAINTAIN EROSION AND SEDIMENTATION CONTROL MEASURES DURING CONSTRUCTION UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED.
6. REMOVE EROSION AND SEDIMENTATION CONTROLS ONCE THEY ARE NO LONGER NEEDED AND RESTORE AND STABILIZE AREAS DISTURBED DURING REMOVAL.

LEGEND

- EXISTING STORMWATER FLOW PATH
- NEW STORMWATER FLOW PATH
- LIMITS OF CONSTRUCTION LINE
- SILT FENCE
- CONSTRUCTION VEHICLE ACCESS POINTS TO PUBLIC ROADS
- CONSTRUCTION ACCESS EROSION CONTROL



A5 SILT FENCE DETAIL  
SCALE: 1" = 1'-0"

NOTES

1. MOST SUITABLE LOCATION FOR CONSTRUCTION ENTRANCE TO BE DETERMINED BY GENERAL CONTRACTOR. CONSTRUCTION ENTRANCE SHOWN ON DRAWING IS A SUGGESTED LOCATION ONLY.
2. CUT & FILL SLOPES SHOULD BE CONSTRUCTED WITH INCLINATION NO STEEPER THEN 2H:1V AND MUST BE PROTECTED FROM WIND AND EROSION.
3. PLACE TOPSOIL, COMPACT, AND PROVIDE TEMPORARY SOIL STABILIZATION. PERMANENT LANDSCAPING CAN BE INSTALLED ONCE LIKELIHOOD OF SEDIMENTATION DURING CONSTRUCTION IS REDUCED, UPSTREAM AREAS ARE FULLY STABILIZED, AND IRRIGATION SYSTEM IS OPERATIONAL.
4. EROSION, SEDIMENT, AND AIR QUALITY CONTROL SHALL COMPLY WITH THE COUNTY AND CITY AIR QUALITY CONTROL ORDINANCES, AND THE NOTES AND DETAILS ON THESE PLANS.

**KNUTZEN ENGINEERING**  
5401 RIDGELINE DR. SUITE 160  
KENNEWICK, WA 99338  
1-509-222-0959  
www.knutzenengineering.com

NO.	DATE	DESIGN	CHKD	APPD



12/02/21

2533 Logan St  
**GRADING PLAN**  
DOUBLE J EXCAVATING  
LOGAN STREET COMMERCIAL  
PARCEL 12808100002017 RICHLAND, WASHINGTON

21-03227

APPROVAL	
DESIGN	JAW 12/02/21
CHECKED	NJM 12/02/21
APPROVED	NJM 12/02/21
SCALE: AS NOTED	
CADFILE: 21257GP01	
JOB No.	REV.
21257	0
DWG. No.	
<b>GP01</b>	