

# 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:  
**Fawcett Elementary School Replacement Project**
2. Name of applicant:  
**Tacoma Public Schools, Tacoma School District #10**

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

**Applicant:**

**Tacoma Public Schools “District”**

**Mailing Address: PO BOX 1357, Tacoma, WA 98401**

**Physical Address: 223 South Union Ave, Tacoma, WA 98409**

**Applicant Representative:**

**Greg Stidham**

**Phone: 253-571-3329**

**Email: gstidha@Tacoma.K12.Wa.US**

**Agent:**

**BLRB Architects, PS**

**1250 Pacific Ave, Ste. 700**

**Tacoma, WA 98402**

**Sarah Fischer**

**Phone: 253-627-5599**

**Email: SFischer@blrb.com**

4. Date checklist prepared:

**08/02/2021**

5. Agency requesting checklist:

**City of Tacoma**

**Tacoma Public Schools**

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

**Demolition Start: March 2022**

**Construction Start: April 2022**

**Substantial Completion: August 2023**

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

**There are no plans at the present time for future additions or expansions related to the Project.**

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

- **Site Plans, prepared by AHBL, Inc dated, August 16, 2021.**
- **Project Layout, Rendering of new Fawcett Elementary and Interior Floor Plans for Fawcett Elementary, prepared by BLRB Architects.**
- **Schematic Design of Roof Elevations with Rendering, dated August 16, 2021, prepared by BLRB Architects.**
- **Noise Study, dated July 8, 2021 prepared by SSA Acoustics.**
- **Transportation Impact Analysis, dated August 19, 2021, prepared by Heath & Associates.**
- **Geotechnical report, dated August 3, 2021, prepared by GeoEngineers.**

- **Demolition Summary report (Historic), dated July 2, 2021, prepared by Artifacts Consulting, Inc.**
- **Hazardous Material Environmental Report, dated Jul 23, 2021 by Orion Engineers**

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.

**There are no pending applications for any governmental approvals relating to the Project.**

10. List any government approvals or permits that will be needed for your proposal, if known.

**City of Tacoma**

- **Conditional Use Permit**
- **Building Permit**
- **Landscape Plans Approval**
- **Site Development Permit**
- **Mechanical Permit**
- **Plumbing Permit**
- **Fire Sprinkler Permit**
- **Electrical Permit**
- **Demolition Permit**

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.)

**Replace existing elementary school 1941-1994 constructed buildings and additions with a new 2-story, 55,000-sf pre-kindergarten through 5th grade elementary school. Demolition of all existing structures. Basic Program: 21-classrooms, administration, specialty education, gymnasium, music room, makerspace STEM room, pre-kindergarten, kitchen, commons/dining area, library, maintenance 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 school is located at 126 E 60<sup>th</sup> St, Tacoma, WA 98404. The Site Plan attached to this Environmental Checklist includes a location map.**

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

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

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)?

**The site is mostly flat with some steeper slopes along the property lines. Most slopes on the site range from 1 to 5 percent.**

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.

**Based on geotechnical explorations at the site, existing soils generally consist of glacial till. Infiltration rates are generally low on such soils.**

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

**The School District is not aware of any surface indications nor history of unstable soils on the Site or in the immediate vicinity of 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.

**Grading will be developed to best accommodate the programming needs of the school and to best balance earthwork materials within the project constraints. Earthwork will include approximately 16,000 cubic yards of cut and 50 cubic yards of fill. Cut will typically consist of undocumented fill and glacial till soils. Fill soils will be structural fill, either imported or from onsite materials. The locations for disposal and borrow will be coordinated at a later date by the Contractor. The proposed building will have one finished floor elevation (FFE), currently proposed at 388.0. Grades around the building will slope away from the building. Drive aisles and parking lots will be sloped to drain and better match existing elevations.**

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

**With best management practices (BMPs) proposed by the District during construction of the Project, erosion is anticipated to be minimized. During construction, BMPs will be followed in accordance with the requirements of the Washington State Department of Ecology Stormwater Management Manual for Western Washington, as adopted by the City of the Sumner, to minimize any erosion. To protect soil from the erosion, the following BMPs will be implemented:**

- All disturbed areas that will remain unworked will be stabilized with temporary hydroseed within two days (between October 1 – March 31) or seven days (between April 1 – September 30).
- All areas that will not be impacted by construction will be seeded.
- Topsoil stockpiles will be stabilized with plastic coverings.

- **Dust control will be provided by sprinkling the Site with water.**
- **Permanent erosion control measures will include site paving and seeding of exposed soils.**

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

**The site includes 2.89 acres of impervious area and 2.72 acres of lawn or landscaped area in the existing condition, and 2.86 acres of impervious area and 2.75 acres of lawn or landscaped area in the proposed condition.**

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

**As indicated, a properly developed, constructed and maintained temporary erosion control plan, consistent with the City of Sumner Stormwater Management requirements and Washington Department of Ecology best management practices will be provided for the Project. The Stormwater Plan will include silt fencing and perimeter runoff protection, catch basin protection, and temporary sedimentation controls. Streets will be swept in the event sediment is tracked off-site.**

## 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.

**Construction of the proposed Project would result in temporary increases in emissions related to construction equipment and activities. Because any such emissions would be controlled through implementation of best management practices and be limited in duration, they would be unlikely to result in any significant impacts to air quality.**

**Operation of the Elementary School would result in emissions related to school buses and vehicles traveling on-site to drop-off or pick-up children. The school buses and other vehicles are comprised of gasoline and diesel-fueled vehicles. Upon arrival at the bus drop-off zones, the school buses would turn off their engines until ready to depart. The potential air quality impacts are expected to be less than significant due to the short travel duration on-site.**

**The Transportation Impact Analysis (TIA) for the Project indicates that traffic increases due to the Project would result in minimal increases in delay at study area intersections and that the increase in traffic arising from the Project is not significant. Therefore, potential air quality impacts from increases in off-site traffic are expected to be less than significant.**

**A proposed emergency generator for the Elementary School would be operated for short periods at regular intervals (e.g., once a month for a duration of one hour) to ensure the generator remains in good operating condition. Other than for maintenance, the generator would only be operated during a power outage. An air permit would not be required for the generator due to its small size (e.g. 100 kilowatt) and limited hours of operation.**

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

**The District is not aware of any off-site sources of emissions or odors that may affect the Project.**

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

**During site preparation, clearing and grading, disturbed areas will be watered if necessary to control dust. Vehicles and equipment not in use during construction will remain shut off. Upon operation of the school, after arrival, the school buses will turn off their engines and the buses will remain on-site and turned off until all students are on the buses and ready for departure at mid-day and afternoon departures, thereby reducing idling times and emissions.**

### 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.

**There are no surface water bodies in the immediate vicinity of the 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.

**No.**

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.

**Zero, Not Applicable, no wetlands or surface water on-site.**

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.**

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.

**Potable water is supplied by the City of Tacoma. Wastewater will not be discharged to groundwater. There is no well existing or proposed.**

- 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.

**There are no known or proposed waste materials that will be discharged into the ground within the Project site. The school will connect to the Tacoma Public Utilities sanitary sewer system that currently serves the site.**

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.

**The stormwater jurisdiction is City of Tacoma. Permanent stormwater controls will be provided based on the SWMM. The site will be divided into two Threshold Discharge Areas (TDA) to match existing drainage conditions. The site is located within the Foss Waterway watershed, as mapped by City of Tacoma.**

**The permanent Stormwater Control Plan will detain flows and release them from the site at a controlled rate. The project will include Onsite Stormwater Management, Flow Control, Water Quality Treatment, and Stormwater Conveyance. Onsite Stormwater Management requires compost-amending post construction soils. The flow control requirement per the SWMM is to match existing flow durations for all flows from 50 percent of the 2-year flow to the 50-year flow. This project proposes storm detention pipes and storm bioretention cells to store runoff while control structures release it at a controlled rate. Low Impact Development (LID) requirements require the design to select LID BMPs from a menu of options, or to meet the existing flow durations for all flows from 8 percent of the 2-year flow to the 50-year flow.**

**The west basin will have a net decrease in impervious surface, so no flow control facilities are required to meet either the flow control or LID requirements. The west basin will discharge to the storm system within the intersection of A Street and East 60th Street.**

**The east basin will be served by a series of bioretention cells and detention pipe to meet both the flow control and LID requirements. The east basin will discharge to the storm system within the intersection of East B Street and East 60th Street.**

The project is subject to basic water quality treatment. The building and paved play area are considered non-pollution generating and do not require treatment. The parking lots at the school will be treated by the bioretention cells in the east basin. Stormwater conveyance will be through a series of pipes and precast concrete catch basins. Roof, plaza, and landscape drains will typically be 6 to 8 inches in diameter and conveyance pipes will typically be 12 inches in diameter. Onsite roof and conveyance drains will be Corrugated Polyethylene Pipe (CPEP). Foundation and wall drains will typically be 6-inch diameter perforated polyvinyl chloride (PVC) pipe. Conveyance in public roadways will be 12-inch CPEP.

2) Could waste materials enter ground or surface waters? If so, generally describe.  
**Best Management Practices, as required by applicable City of Tacoma and Washington State DOE Stormwater Management manual will be implemented to prevent any waste materials from entering ground or surface waters**

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

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:  
**Best Management Practices, as required by applicable City of Tacoma and Washington State DOE Stormwater Management manual are proposed to reduce and control surface runoff. As indicated, stormwater will be infiltrated on-site and will not leave the site and therefore will not impact the drainage pattern of adjacent sites.**

#### 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?  
**Vegetation removal consists of demolishing 5510sf of evergreen ground cover / hedge at street frontage, Nine (9) 2" cal. Deciduous trees from within the existing**



**playfield, and fourteen (14) evergreen and eight (8) deciduous trees within the interior of the site. All demolished plant material will be disposed of off site.**

- c. List threatened and endangered species known to be on or near the site.

**None known.**

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

**Tree protection fencing will protect three (3) evergreen and four (4) deciduous trees at the northwest corner of the site. Tacoma Municipal Code requires minimum 5% of the site to be planted, perimeter planting between 5' & 7' wide, street trees within the right-of-way, and parking lot interior and exterior plantings. All required planting areas consist of a trees and a mix of shrubs and groundcover to cover 100% of the planting area within 3 years.**

- e. List all noxious weeds and invasive species known to be on or near the site.

**Per the Pierce County Noxious Weed Control Board maps, Poison Hemlock (Conium maculatum) has been identified a few blocks south of our 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.

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.

**None known.**

- c. Is the site part of a migration route? If so, explain.

**None known.**

- d. Proposed measures to preserve or enhance wildlife, if any:

**The Site is a developed urban site. However, native plants proposed with the landscaping will provide habitat areas for birds and small wildlife.**

- e. List any invasive animal species known to be on or near the site.

**There are 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.

**Electricity will be used to satisfy energy needs for the Project for domestic water supply and building heating. Electricity will be used to energize the Project's lighting systems.**

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

**The Project will not affect the potential use of solar energy on adjacent properties.**

- 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:

**The proposed school will be constructed consistent with the Washington Sustainable School Protocol ("WSSP"). The purpose of the WSSP is to implement the goals of RCW ch. 39.35 (high-performance standards for public buildings) to provide conservation measures to reduce energy consumption and achieve environmental qualities.**

**Measures incorporated into the design of the new Fawcett Elementary School include wood construction, low emitting interior finishes, superior energy performance HVAC system with programmed occupied and unoccupied interior heating and cooling controls, energy efficient LED lighting for interior and exterior lighting systems, programming of exterior lighting to control usage and intensity of lighting, occupancy sensing and time clock controls to control all interior lighting to automatically turn off during preselected times and unoccupied periods, interior daylight harvesting to automatically dim artificial light in response to available natural light, programming of irrigation systems to minimize water usage, fixed shading on the exterior of the building, recycling and reuse stations for staff and students as appropriate and energy conservation operating procedures. In addition, there will be post-occupancy evaluation to determine performance standards and procedures.**

## 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.

- 1) Describe any known or possible contamination at the site from present or past uses.

**The District is not aware of any contamination on the site.**

- 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.

**The District is not aware of any hazardous situation that might affect the Project development and design. Natural gas and electricity are available to the site with side service lines on the site.**

- 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.

**Common cleaning and supply products will be used and will be properly stored at the school. Use of toxic or hazardous chemicals are not anticipated to be used in connection with construction of the Project. Best management practices will be followed with respect to equipment used during construction of the Project.**

- 4) Describe special emergency services that might be required.  
**It is not anticipated that any special emergency services will be required.**
- 5) Proposed measures to reduce or control environmental health hazards, if any:  
**All applicable federal, state and local regulations governing the storage, maintenance, use and disposal of any common products or equipment containing chemicals will be followed.**

*b. Noise*

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?  
**The site located in a residential area with some traffic noise from nearby arterials. Other noise sources include existing school-related noises and commonly expected noises in the nature of dogs, birds, and traffic on the streets adjoining the Project site. Existing noise will not affect the Project.**

- 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 Construction/Site Preparation Noise**

**On a short term basis, noise may be emitted from heavy equipment used for land clearing in preparation of excavation activities and on-site construction of improvements. Construction noise is exempt from Washington State's environmental noise regulations during daytime hours (7 AM to 10 PM), and construction activities will be limited to daytime hours. The temporary nature of the construction coupled with restriction to reasonable daytime hours would reduce any potential noise impacts to be less than significant.**

**Long-Term Operational Noise**

**The proposed School Replacement would not introduce new noise sources to the surrounding area. Existing Long-Term Operational Noise includes on-site traffic such as school buses and other vehicles accessing and traveling on the site. Noise from on-site traffic sources during the AM arrival and PM departure is expected to comply with the noise limits applicable during daytime hours (i.e., 55 dBA at the nearest residential properties).**

- 3) Proposed measures to reduce or control noise impacts, if any:  
**Based on these noise levels, no mitigation in the building envelope design to achieve full compliance with the requirements of Washington Administrative Code. Standard building construction practices should be utilized. The planned additions to the school will not be impacted by environmental noise.**

## 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 used as a school with single family homes surrounding the property. The proposed will not impact the landuse of the property or nearby/adjacent 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?

**No.**

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.**

c. Describe any structures on the site.

**Existing elementary school 1941-1994 constructed buildings and additions including play structure canopy.**

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

**Yes- All existing buildings onsite.**

e. What is the current zoning classification of the site?

**Single-Family Residential.**

f. What is the current comprehensive plan designation of the site?

**Elementary School 1 to 6**

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.

**No.**

i. Approximately how many people would reside or work in the completed project?

**Approximately 500 students & 50 staff members.**

j. Approximately how many people would the completed project displace?

**The Project will not displace any people.**

k. Proposed measures to avoid or reduce displacement impacts, if any:

**There are no impacts and therefore no measures are proposed.**

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

**This will not change land use. This will continue to be an elementary school serving grades pre-kindergarten through 5<sup>th</sup> Grade.**

- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:

**Not Applicable.**

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

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

**None.**

- 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.**

## 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?

**The tallest height of the building will be 43'-6". The principal exterior building materials will be cement board siding.**

- b. What views in the immediate vicinity would be altered or obstructed?

**None.**

- c. Proposed measures to reduce or control aesthetic impacts, if any:

**The school will be setback from the street. The building is designed with a gable roofline consistent with the architectural features in the surrounding area.**

**Landscaping and fencing provides for appropriate buffering and screening along the southerly boundary of the facility.**

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

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

**The proposed school will provide parking lot illumination for the parking lots, exterior wall mounted lighting, and lighting along the bus loop. The District's standard operating procedure requires all exterior lighting to be off during the daylight. Exterior lighting will be programmed to be turned on for security purposes about 15 minutes before the first person arrives at the school, will be off during the day time, and turned on at dusk but dimmed to at least 50% unless motion is detected and turned off 15 minutes following completion of janitorial service. Headlights with the parking lots will produce light.**

- b. Could light or glare from the finished project be a safety hazard or interfere with views?

**The proposed illumination will not interfere with any views. The District is not aware of any safety hazards from the lighting for the Project.**

- c. What existing off-site sources of light or glare may affect your proposal?

**The District is not aware of any off-site sources of light that will affect the Project.**

d. Proposed measures to reduce or control light and glare impacts, if any:

**Lighting for the Project has been designed in order that there will be no measurable off-site lighting impact in accordance with IES recommendations. As part of the proposal, the exterior lighting will be programmed to provide parking lot lights and exterior wall-mounted lighting, for safety and security purposes, during low light morning and evening time periods. All pole mounted lighting in the parking lots and bus loop will be dimmed at least 50% unless motion is detected.**

**Parking lot and exterior lighting are full cut-off LED lighting which does not provide light above the fixture. All exterior and parking lot lighting are aimed, directional lighting to light only the area necessary to minimize off-site light spillage.**

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

a. What designated and informal recreational opportunities are in the immediate vicinity?

**There is an existing playfield area onsite and a MetroParks facility nearby.**

b. Would the proposed project displace any existing recreational uses? If so, describe.

**No.**

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

**There will be no impacts to recreational opportunities.**

## **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 two structures greater than 50 years of age on the Fawcett Elementary School site.**

- **The main school building was completed in 1950 and remains on its original site with multiple additions.**
- **One of the additions (south wing) was constructed in 1957. Subsequent additions are less than 50 years of age.**

**Despite the age of these two structures, neither are recommended as eligible for the Tacoma Heritage Register nor the National Register of Historic Places, due to issues of integrity as well as not meeting significance criteria. Previous documentation includes the 2009 Historic Survey for the Tacoma Public School District prepared by Caroline Swope, PhD. That inventory ranked twenty-five schools in Tacoma according to integrity and architectural significance. Fawcett Elementary was one of six schools ranked as low priority/non-eligible.**

**As of 2021, the school building is still in active use by the Tacoma School District as an elementary, although this is the last projected school year (2020-21) for active use. No significant events or persons have been found to be associated with the property.**

- 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.

**No.**

- 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.

**Artifacts Consulting, Inc. provided Demolition Summary Report for the Tacoma Historic Preservation Office.**

- 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.**

#### **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.

**Vehicles arriving and departing Fawcett Elementary will primarily use the northernmost access on 60th Street; bus access on B street is also provided.**

- 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 public transit stop is ran by Pierce Transit Bus Authority and is located approximately .25 miles away located at South 60<sup>th</sup> Street and Pacific Ave.**

- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

**The school currently provides 52 parking spaces. We anticipate adding 10 parking spots for a total of 62.**

- 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).

**Sidewalk and ADA improvements will be made to ensure that the project meets City's standards. The following will most likely be required:**

- **Cement concrete sidewalk shall be constructed abutting parcel #0320214058 along East B Street to the approval of the City Engineer. New sidewalk shall meet Public Right-of-Way Accessibility Guidelines and requirements set forth by the Americans with Disabilities Act.**
- **Any broken, damaged, or hazardous curb and gutter abutting the site shall be removed and replaced.**
- **Any damaged and/or defective sidewalk abutting the site shall be removed and replaced to the approval of the City Engineer. New sidewalk shall meet Public Right-of-Way Accessibility Guidelines and requirements set forth by the Americans with Disabilities Act.**
- **The type, width, and location of all driveway approaches serving the site shall be approved by the City Engineer. It appears that Type 1 and 2 driveway approaches per SU-07 and SU-08 are appropriate for this project.**

- **Directional cement concrete curb ramps shall be constructed at the intersection of East B Street and East 61st Street. Ramps shall be installed on all corners of the intersection and align with current Tacoma and ADA standards.**
- **Directional cement concrete curb ramps shall be constructed at the intersection of East B Street and East 60th Street. Ramps shall be installed on the SW and SE corners of the intersection and align with current Tacoma and ADA standards.**
- **All streets fronting the property shall be restored in accordance with the Right-of-Way Restoration Policy. The City's records indicate that the streets are asphalt concrete. Restoration shall be in accordance with Tacoma standard plan SU-15A.**
- **A Street is a bicycle boulevard. Painted bike lanes or sharrows will be required adjacent to the property.**
- **Please confirm proposed solid waste on site plan (verify if service yard is the proposed location). Solid waste typically only aides school with recycle service.**
- **Additional streetlighting will be required along East B Street. Streetlighting should be evaluated around the site for adequate sidewalk levels.**

e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

**The Project will not use or occur in the immediate vicinity of water, rail, or air transportation.**

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 project is not anticipated to add traffic volumes since it is a replacement with the same function. Peak volumes will occur based on the school schedule:**

- **8:45-9:15 for school arrival and student drop off.**
- **3:15-3:45 for school departures and student pick-up.**

**Commercial and truck traffic would include busses for students and deliveries. The school anticipates 8 school bus trips (4 inbound/4 outbound) along with weekly food deliveries, occasional office supplies, and weekly refuse pick-up.**

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.

**The Project will not interfere with or be affected by the movement of agricultural and forest products.**

h. Proposed measures to reduce or control transportation impacts, if any:

**Bus traffic will be separated from parent drop off traffic. Parent drop off valet will be moved onsite rather than on the shoulder of the street. Sidewalks and bikelane markings along with secured bike storage will encourage safe walking routes to school.**



**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.

**Replacement of the existing elementary school will not result in additional public services.**

- b. Proposed measures to reduce or control direct impacts on public services, if any.

**Construction of the new Fawcett Elementary school will be consistent with all required building and fire code requirements of the City of Tacoma. No significant adverse impacts to public services are anticipated arising from the School Replacement.**

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

- a. Circle utilities currently available at the site:

**electricity, natural gas, water, refuse service, telephone, sanitary sewer** septic system, other \_\_\_\_\_

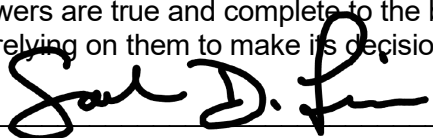
- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

**The following utilities are available and will be extended to Fawcett Elementary School: Power by Tacoma Power, water by Tacoma Water, and sewer by Tacoma Public Utilities, cable provided by Comcast, and telephone provided by CenturyLink.**

**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 Sarah D. Fischer

Position and Agency/Organization Senior Associate, BLRB Architects

Date Submitted: August 20, 2021