

**ENVIRONMENTAL CHECKLIST**

**for**

**TUKWILA SCHOOL DISTRICT**

**Cascade View Elementary School Renovations and Modular Addition**

**January 24, 2019**

**Prepared For:**

**Dr. Lester "Flip" Herndon, Interim Superintendent & SEPA Official  
Tukwila School District  
4640 South 144th Street  
Tukwila, WA 98168**

**Prepared By:**

**Lisa Klein, AICP  
Associate Principal  
AHBL, Inc.**

**2180111.30**

# 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:  
**Cascade View Elementary School Renovations and Modular Addition**
2. Name of applicant:  
**Tukwila School District**
3. Address and phone number of applicant and contact person:  
**Applicant:**  
**Tukwila School District**  
**Dr. Lester “Flip” Herndon, Interim Superintendent & SEPA Official**  
**4640 S 144<sup>th</sup> St Tukwila, WA 98168**  
**Ph: 206.901.8000**  
  
**Contact:**  
**AHBL**  
**Lisa Klein, AICP**  
**2215 N 30<sup>th</sup> St. Tacoma, WA 98403**  
**Ph: 253.284.2422**
4. Date checklist prepared:  
**January 24, 2019**
5. Agency requesting checklist:  
**Tukwila School District**
6. Proposed timing or schedule (including phasing, if applicable):  
**Construction is anticipated to begin in late spring/early summer of 2019 and conclude in fall of 2019, assuming approval of a Conditional Use Permit in April of 2019, and building permits in May of 2019.**
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.  
**No, all plans for Cascade View Elementary School are described in this SEPA Checklist.**
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.  
**Prepared:**  
**-Technical Information Report prepared by AHBL INC. dated October 2018**  
**-Geotechnical Report prepared by GeoEngineers dated August 20, 2018**  
**-Photometric/Lighting Analysis prepared by Tres West Engineers, Inc. dated January 2019**  
  
**To be Prepared:**

**A Temporary Erosion and Sediment Control Plan (TESC) will be prepared with final design.**

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 proposals.**

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

**City of Tukwila**

**Conditional Use Permit**

**Administrative Design Review**

**Parking Variance**

**Building Permits**

**Site Development Permits**

**Fire Protection System Permits**

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 Tukwila School District proposes renovations and additions to the existing Cascade View Elementary School to add an Early Childhood Education and Assistance Program (ECEAP). The program will accommodate approximately 80 pre-school age children (likely 40 in the AM program and 40 in the PM program). A summary of project elements is listed below:**

- **Add two modular classrooms in separate buildings with toilets in the western portion of the site, to be connected to the existing building with exterior corridors. Total size of building addition is 2,322 square feet.**
- **Expand Early Learning Center outdoor play area to west of school, including new covered play area, new equipment, and new fence.**
- **Add restoration plantings adjacent to early learning play area and modular additions.**
- **Reroute an existing ADA ramp.**
- **Demolish approximately 2,787 SF of existing impervious surface and remove existing landscaping in location of proposed improvements.**
- **Renovate interior of seven classrooms in west end of existing building, including new carpeting, toilets, etc.**
- **Relocate storage container in interior of site (optional).**

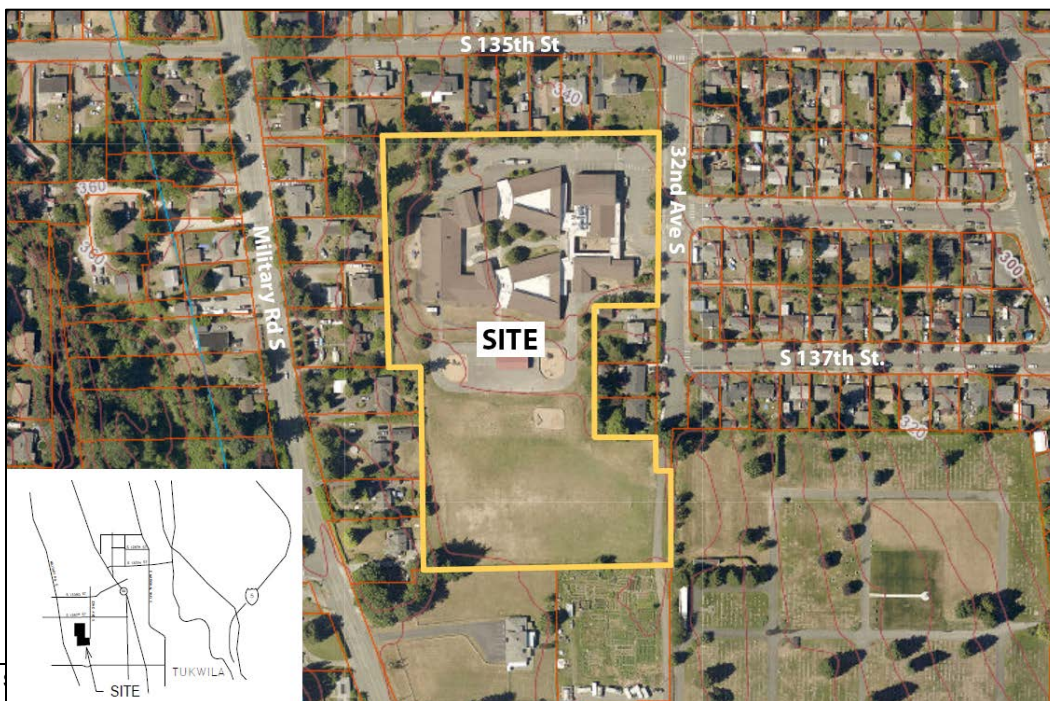
In 2017, Tukwila School District received CUP approval for a cafeteria expansion and other interior improvements under City file number L17-008. The size of the project was below the SEPA thresholds for minor construction per WAC 197-11-800, however the two projects, when viewed cumulatively, exceed the thresholds for minor construction, and therefore SEPA environmental review is required. The elements of the 2017 project included:

- One-story 2,257 square-foot multipurpose cafeteria expansion
- Outdoor walk-in freezer room
- New office space and reconfiguration of reception counter at Building A
- Replacement of existing roof and flooring at buildings A, B, C, D and E
- Miscellaneous site improvements including outdoor generator, site fencing, security gates, and sidewalk repair.

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.

**Cascade View Elementary School is located at 13601 32nd Avenue S, Tukwila, WA 98168, on Parcel No. 162304-9038. The legal description for this parcel is: PCL A OF TUKWILA BLA# L17-0062 REC# 20180306900007 SD BLA LOCATED IN E 1/2 OF NE 1/4 OF NE 1/4 OF SE 1/4 STR 16-23-04 TGW POR OF RIVERTON ACE TRS DAF; E 39.63 FT OF 1 & S 1/2 OF 3-6 OF BLK 2**

The project site is located in Section 16, Township 23, Range 4. A vicinity map showing the location of the project site is included below.



## **B. Environmental Elements**

### **1. Earth**

- a. General description of the site:

**The 8.47 acre parcel is generally flat throughout the site area, with small amounts of vegetation. The northern portion of the site is developed with the existing school, parking areas, and play areas and the southern area is used for ball fields.**

(circle one): **Flat**, rolling, hilly, steep slopes, mountainous, other \_\_\_\_\_

- b. What is the steepest slope on the site (approximate percent slope)?

**Less than 5%**

- 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.

**According to the Geotechnical Report prepared by GeoEngineers, soils can be categorized as silty sand with gravel (aka weathered glacial till) to a depth of 9-12 inches. Below this depth, soils were observed as sand with silt and gravel in a dense or very dense condition. There are no known agricultural soils on the site.**

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

**No, there is no known history of unstable soils on site or 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.

**In total, approximately 150 cubic yards of cut and 50 cubic yards of fill is proposed. Fill will be from reuse of onsite soils.**

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

**It is possible that some erosion could occur as a result of grading and construction. A Temporary Erosion and Sediment Control Plan (TESC) will be prepared to control and minimize erosion.**

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

**The quantity of impervious surface will increase by approximately 3,000 square feet, resulting in approximately 42 % impervious surface coverage when the project is completed.**

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:  
**The Geotechnical Report includes various recommendations to be followed during construction, including but not limited reducing soil exposure, re-vegetating denuded areas, directing runoff away from exposed soils, etc. The site will be monitored by a qualified professional during construction. Permanent erosion protection measures include paving, structure construction and landscape planting.**

**The project will disturb less than 1 acre of land, thus Construction Stormwater General Permit (CSGP) issued by Washington State Department of Ecology (DOE) will not be required. A Temporary Erosion and Sediment Control Plan (TESC) will be prepared. Control measures will comply with King County Surface Water Design Manual (KCSWDM) and a comprehensive Construction Stormwater Pollution Prevention (CSWPP) plan has been prepared. Examples of Best Management Practices include:**

- **Tree protection and high visibility plastic fencing,**
- **Stabilized construction entrance,**
- **Portable sediment tanks with pumps,**
- **Silt fencing, straw wattles, interceptor dikes or other perimeter protections,**
- **Catch basin inlet protections on existing and proposed catch basins, and**
- **Control of pollutant sources.**

## **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.

**Short-term increases in dust and vehicle emission may increase as a result of construction activities. Post-construction, emissions will not increase from existing levels.**

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

**There are no known or observed offsite sources of emissions or odor.**

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

**During construction, BMPs will be used when necessary, such as dust control, water sprays, minimizing vehicle speeds, covering soil piles, and turning off equipment when idle.**

## **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.

**No, there are no surface water bodies on the site or in the vicinity. According to King County GIS mapping, the nearest water body is a class 3 stream located approximately 370 feet to the west of the property.**

- 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 work will occur within 200 feet of surface water body.**

- 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.

**Not applicable; no water bodies will be affected by the proposal.**

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

**No, the proposal will not involve any surface water withdrawals or diversions.**

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

**No, the project is not within an identified floodplain. No floodplains are mapped in the vicinity by the City of Tukwila or FEMA.**

- 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, there will be no discharges to surface waters.**

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 groundwater will be withdrawn and there will be no discharges to groundwater.**

- 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.

**Not applicable, the site is connected to sanitary sewer.**

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 existing drainage system for the project site consists of a series of catch basins and pipes that conveys stormwater around the existing building. The system will be demolished and routed around the proposed modular building. The downspouts of the new modular classrooms will discharge into above grade, concrete bioretention planters (Core Requirement #9). Runoff generated in the Early Learning play area will be captured by the existing area drain. Roof drains will be 6 inch PVC pipe. Footing drains will be 6 inch perforated PVC Pipe. Conveyance pipes will be 8 inch Corrugated Polyethylene pipe.

Civil design drawing for the stormwater system will be submitted with the Conditional Use Permit application.

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

**No, the potential for waste materials to enter ground or surface waters is very low.**

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

**No, the existing drainage patterns on the site will be maintained.**

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

**This project triggers Core Requirements #1 through 9 and Special Requirement #1 through 5 of the 2016 King County Surface Water Design Manual and stormwater will be managed in accordance with that manual. There are no expected impacts to ground water or drainage patterns.**

#### **4. Plants**

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?

**Approximately 7,000 square feet of lawn/grass area will be removed for the modular addition. Vegetation onsite will be enhanced with restoration plantings.**

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

**There are no known threatened or endangered species 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:

**Restoration plantings will be installed adjacent to the proposed modular classrooms and new play area at the west and south ends of the school building. The new landscaping will enhance the vegetation on site from its existing condition. A landscaping plan has been provided with the Conditional Use Permit application.**

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

**There are no known noxious weeds or invasive species on or near the site.**

## **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: **small rodents**  
fish: bass, salmon, trout, herring, shellfish, other \_\_\_\_\_

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

**According to the Washington State Department of Fish and Wildlife (WDFW) mapping services, there are no threatened or endangered animal species on or near the project site.**

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

**The site is located within the Pacific Flyway for migratory birds.**

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

**No measures are proposed.**

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

**None known.**

## **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.

**No new forms of energy are proposed; the current system will be used. Heat Pumps may be replaced.**

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

**No, the proposal includes only small building additions with a building height of 18 feet, likely lower than the adjacent residences and, therefore, does not have the potential of blocking the potential use of solar energy.**

- 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 known at this time.**

## **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.

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

**No contamination is known to be at 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.

**There are no indications of hazardous chemicals/conditions on the site that will affect project development. According to the National Pipeline Mapping System, there are no gas or hazardous liquid transmission pipelines in the area.**

- 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.

**Not Applicable; no special emergency services are required.**

- 4) Describe special emergency services that might be required.

**No additional or special emergency services are required as a result of the proposal.**

- 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)?

**The project will not be affected by existing noise in the area. There are no sources of noise in the area beyond what is normally associated with Elementary Schools in a residential area.**

- 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.

Noise may temporarily increase during certain construction periods. Noise levels will not exceed the maximum permissible sound levels allowed per Tukwila Municipal Code (TMC) Chapter 8.22.

Post-construction, noise is expected to remain unchanged from the current condition. The site currently generates noise that is typical for elementary schools, including noise from vehicles and buses during school start and end times, and children at recess.

3) Proposed measures to reduce or control noise impacts, if any:

Construction hours will normally occur during the “daytime” hours, as defined by TMC 8.22.020. Operations will occur weekdays between 7:00 am and 8:00 pm, in accordance with City regulations. Work on Saturdays will be restricted to between the hours of 8:00 am and 6:00 pm. No work will occur on Sundays without prior permission from the City. During construction, machines will be turned off when not in use and Stationary equipment will be located away from receiving properties. Contractors will be instructed to maintain all equipment and to avoid unnecessarily loud noises.

## **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.

**The site is currently used for Cascade View Elementary School**

**Adjacent Uses include:**

- **West: Single-Family Residential**
- **South: Veterinary Clinic; Garden/Food Bank; Cemetery**
- **East: Single-Family Residential**
- **North: Single-Family Residential**

**The proposal is a continuation of the existing use and will have no impact of the land use of the site or the land use of surrounding 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?

**The site has been not been used as a working farm or forest land to our knowledge.**

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, the school is located in an urbanized residential area.**

c. Describe any structures on the site.

**The Cascade View Elementary School currently exists on the site, which is approximately 58,000 square feet in size.**

- d. Will any structures be demolished? If so, what?  
**No structures will be demolished as part of the proposal.**
- e. What is the current zoning classification of the site?  
**LDR/ Public Recreation Overlay**
- f. What is the current comprehensive plan designation of the site?  
**LDR/ Public Recreation Overlay**
- g. If applicable, what is the current shoreline master program designation of the site?  
**Not applicable**
- h. Has any part of the site been classified as a critical area by the city or county? If so, specify.  
**No critical areas are mapped on site by the City of Tukwila or King County.**
- i. Approximately how many people would reside or work in the completed project?  
**Cascade View currently has a fulltime staff count of 53. As a result of this proposal, 3 full time staff are expected to be added, for a total of 56. There is no residential component to this proposal.**
- j. Approximately how many people would the completed project displace?  
**Not Applicable; no employees or residents will be displaced.**
- k. Proposed measures to avoid or reduce displacement impacts, if any:  
**Not Applicable; no employees or residents will be displaced.**
- L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:  
**The addition of two modular buildings and outdoor play area will also include restoration plantings designed to improve the appearance of the school. The modular additions will be designed with materials and colors that blend and compliment the existing structure. Existing natural features will be preserved for the majority of the site. The proposed addition is located close to the existing building at the western side of the site, at the bottom of a slope from adjacent property lines. The additions and other site improvements will require Conditional Use Permit and Design Review Approval by the City of Tukwila. The use of the existing site will remain unchanged.**
- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:  
**No impacts are anticipated, as the properties are located in an urban environment and there are no agricultural or forest lands in the nearby area.**

## 9. Housing

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

**Not applicable, no housing is associated with this project.**

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

**Not applicable, no housing will be eliminated.**

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

**Not applicable.**

## 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?

**The building will be a maximum of 18 feet. Exterior materials and colors will match the existing Elementary School structure.**

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

**No views would be altered or obstructed as a result of the proposal.**

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

**The new modular building additions will be designed to blend with the form and materials of the existing school. The proposed project is subject to Design Review approval by the City to ensure compatibility with the site and vicinity, and ensure consistency with Tukwila design criteria. Other site improvements such as restoration planting areas enhance the aesthetics of the site. A design narrative and 3-D Models have been prepared by Rolluda Architects and submitted with the associated Conditional Use Permit and Design Review applications.**

## 11. Light and Glare

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

**The proposal will not increase light and glare beyond existing conditions. The proposed modular buildings may include small exterior lighting fixtures which will not spill light onto adjacent properties.**

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

**No, any new lighting added to the building will be minimal and have no potential to spillover to adjacent areas or interfere with views.**

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

**None known.**

- d. Proposed measures to reduce or control light and glare impacts, if any:  
**Any new lighting fixtures will be fully shielded and cast downward to minimize light and glare impacts to adjacent property. See the photometric/lighting analysis.**

## **12. Recreation**

- a. What designated and informal recreational opportunities are in the immediate vicinity?  
**Cascade View Elementary has a recreation area in the southern half of the property that includes a paved play area, covered play area, grass area, soccer field, and playground.**
- b. Would the proposed project displace any existing recreational uses? If so, describe.  
**No existing recreational uses will be displaced. The project will include the addition of a covered play area and expanded Early Learning Center play area at the west end of the school.**
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:  
**The project will include the addition of a covered play area and expanded Early Learning Center play area at the west end of the school.**

## **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.  
**The existing school structure was built in the year 1958 and has undergone significant renovations since that time. The building is not identified on the State of Washington Historic Property Inventory list.**
- 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, according to the Washington State Department of Archaeology and Historic Preservation (DAHP) WISAARD database, there are no landmarks or evidence of Native American or historic use/occupation on the site or in the area.**
- 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.  
**Consultation with the WISAARD database was used to evaluate potential resources and impacts.**
- 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.  
**No impacts or disturbance to cultural or historic resources are expected. If cultural or archeological objects are found during site preparation work, the Washington State**

Department of Archaeology and Historic Preservation will be notified, and all site work will stop.

#### **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.

**The site is located at 13601–32nd Avenue S, in Tukwila. Primary site occurs from two driveways on 32nd Avenue S; a third access is limited to maintenance vehicles. 32nd Avenue S provides access beyond the site to S 135th, S 136th, and S 137th Streets. S 135th Street connects to Military Road S on the west and 37th Avenue S on the east; S 137th Street also connects to 37th Avenue S. The proposal would not change access to the existing street system.**

- 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?

**King County Metro Transit provides bus service in the larger Tukwila vicinity. The nearest stops, which are served by Route 128, are located about 1,050 feet northwest of the site along Military Road S (at S 135th Street). There are also stops, which are served by Route 124, located about a half-mile northeast of the site along Tukwila International Boulevard (south of the 37th Avenue S intersection).**

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

**The existing school site has 56 parking spaces; no spaces are proposed to be added and none are proposed to 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).

**The proposal is not expected to require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities. However, improvements may include replacement of existing crossing with new curb ramp, marked crosswalk, and companion curb ramp with pedestrian signage.**

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

**The proposed project will not use or occur within the immediate vicinity of water or rail 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 proposal would include the addition of two modular classrooms, renovation of the interior of seven existing classrooms, improvement to existing play areas, and upgrade play equipment. The project would allow the school to expand its current Early Childhood Education and Assistance Program [ECEAP] to accommodate a total of 80 pre-school age children in two sessions—40 in the morning session and 40 in the afternoon session. The morning sessions are expected to begin at 8:00 a.m. and end at 11:00 a.m. (ACEAP) and 11:30 a.m. for Head Start. The afternoon sessions are expected to be 12:10 to 3:10 p.m. for ECEAP and 12:00 to 3:30 p.m. for Head Start).

In addition, the District plans to proceed with improvements permitted previously (CUP approval in 2017), for a cafeteria expansion and other interior improvements that would not affect the student capacity of the school.

The Institute of Transportation Engineers' (ITE) Trip Generation Manual does not provide rates specifically for ECEAP or Head Start programs; however, rates published for Elementary Schools (Land Use 520) are reasonable to estimate trips for the proposed addition. Based upon those published rates and the capacity increase for 40 additional children during each session, the project could result in a net increase of 150 trips per day (75 in, 75 out). Peak volumes for elementary schools typically occur during morning arrival and afternoon dismissal. Since the added capacity is intended for pre-school age children attending half-day programs, the largest increase in traffic is likely to occur midday (from about 11:00 a.m. to 12:00 p.m.) during the period when the morning sessions end and the afternoon sessions begin. At this time, the school is estimated to generate an additional 40 to 50 trips.

A portion of the students are expected to rely on existing school-bus transportation (estimated by District staff at 39% to 50% for the morning sessions and 54% to 65% for afternoon sessions), but no new dedicated bus transportation is planned. The school would also continue to receive deliveries and trash/recycling collection, but no change in the number of trucks is expected.

- 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 proposal will not impact, nor be impacted by, the movement of agricultural and forest products within the vicinity of the project site.**

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

**No measures are proposed to reduce or control transportation impacts.**

**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.

**The proposal is not expected to increase the need for any public services.**

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

**Not applicable.**

**16. Utilities**

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.

**No activity related to utilities is expected. Utility providers on site include:**

- **Water: King County Water District #125**
- **Sewer: Valley View Sewer**
- **Electricity: Seattle City Light**
- **Natural Gas: Puget Sound Energy**

**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: Lisa Klein, AICP, Associate Principal

Position and Agency/Organization: AHBL, Inc.

Date Submitted to City of Tukwila: January 24, 2019