



**PUYALLUP SCHOOL DISTRICT  
ENVIRONMENTAL CHECKLIST**

**Project #12-01-16 – Sunrise Elementary Replacement**

**A. BACKGROUND**

1. Name of proposed project, if applicable:

**Sunrise Elementary Replacement, PSD Capital Project #12-01-16**

2. Name of applicant:

**Puyallup School District #3**

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

**Brian Devereux  
Director of Facilities Planning  
302 – 2<sup>nd</sup> St SE  
Puyallup, WA 98372**

4. Date checklist prepared:

**August 22, 2017**

5. Agency requesting checklist:

**Puyallup School District #3 (the “District”)**

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

**Project construction start date is Spring 2018, with the substantial completion date by September 2019. These dates include demolition of existing school building and final site work.**

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

**No future additions, expansions or other activities are connected with this proposal.**

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

**Arborist Report by Tree Solutions Inc., dated May 16<sup>th</sup>, 2017.  
Geotechnical Report by Associated Earth Sciences Inc., dated August 18, 2017.  
Transportation Report by Heffron Transportation Inc., dated August 16, 2017.  
Critical Area Identification Form  
Site Plan dated June 23, 2017**

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

**None known.**

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

- a. **City of Puyallup:**
  - **Building Permit**
  - **Demolition Permit**
  - **Grading Permit**
  - **Stormwater Management Permit**
  - **ROW Use Permit**
  - **Fire Department review/permit.**
- b. **Pierce County Health Department.**
- c. **State of Washington Labor & Industries**
- d. **Washington Dept. of Ecology NPDES 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.

**Puyallup School District (PSD) proposes to replace the existing Sunrise Elementary School with a new 80,600 SF, three-story elementary school at its current site. The existing school will be open during construction of the new school. The proposed building is on a 9.39 acre site with frontage on 39<sup>th</sup> Avenue SE. The new school will accommodate approximately 730 students and will include new commons/cafeteria, gymnasium, and library.**

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 project site is located at 2323 39<sup>th</sup> Avenue SE, Puyallup, WA 98374.**

**Legal Description:**

**THAT PORTION OF SECTION 2, TOWNSHIP 19 NORTH, RANGE 4 EAST, WILLAMETTE MERIDIAN, IN PIERCE COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS: COMMENCING AT THE INTERSECTION OF THE SOUTH LINE OF SAID SECTION 2 AND THE CENTERLINE OF SHAW ROAD EAST; THENCE WEST ALONG THE SOUTH LINE OF SAID SECTION 875 FEET TO THE TRUE POINT OF BEGINNING; THENCE CONTINUING WEST ALONG SAID SOUTH LINE A DISTANCE OF 660 FEET; THENCE NORTH ALONG A LINE PARALLEL TO THE WEST LINE OF SAID SECTION 2 A DISTANCE OF 660 FEET; THENCE EAST ALONG A LINE PARALLEL TO THE SOUTH LINE OF SAID SECTION A DISTANCE OF 660 FEET; THENCE SOUTH ALONG A LINE PARALLEL TO THE WEST LINE OF SAID SECTION A DISTANCE OF 660 FEET TO THE TRUE POINT OF BEGINNING; EXCEPT THAT PORTION THEREOF CONVEYED TO PIERCE COUNTY FOR ROAD BY DEED RECORDED UNDER RECORDING NO. 2113362.**

## B. ENVIRONMENTAL ELEMENTS

### 1. EARTH

- a. General description of the site (circle one); flat, rolling, hilly, steep slopes, mountainous, other:

**Site surface grades are fairly flat, with elevations ranging from about 516 feet at the southeastern corner to about 496 feet at the northwestern corner. It appears that up to 7 feet of cutting and filling was performed during the original school construction, resulting in two large, flat terraces that are separated by a rockery wall. The playfield currently occupies the lower terrace, and the buildings currently occupy the upper terrace.**

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

**The steepest slope on the site occurs in the northwest corner and has an approximate slope of 33.3%. It appears to be a manmade slope with an elevation change of about 5 feet.**

- 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.

**All exploration borings disclosed fill soils (or reworked native soils) mantling the ground surface. These fills consisted of loose to medium dense, silty sands and gravelly sands in most borings, as well as some stiff, sandy, gravelly silt in a boring along the east side of site. Fill thicknesses ranged from 1 ½ to 9 ½ feet.**

**Borings along the western and northern parts of the site revealed native lodgement till below the surficial fill layer. This deposit generally consisted of silty sands with gravel. It was inferred that the lodgement till was originally present below the eastern and southern parts of the site but was stripped during the past school construction.**

**Advance outwash was revealed below the fill or lodgement till layers at all borings. This outwash consisted of dense to very dense, fine to coarse sand with variable amounts of gravels and traces of silt and cobbles.**

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

**No.**

- 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.

**Earthwork activities will occur as part of the site redevelopment in order to accommodate the infrastructure, amenities and proposed building construction. The earthwork quantities include approximately 11,000 cubic yards of cut and 3,000 cubic yards of fill. Soil exported from the site will be disposed of at a legal off-site disposal facility and soil imported to the site will be from an approved off-site source.**

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

**Erosion could occur as a result of clearing and construction activities. However, the contractor will be required by the City of Puyallup to implement the temporary erosion and**

**sediment control plan during construction to reduce erosion potential. Once the project construction is complete, the site will be stabilized with permanent measures such as paving, buildings, and landscaping to eliminate continued erosion potential.**

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

**The site will be covered with approximately 48% impervious surfaces after construction. This includes approximately 44,000 square feet of building area and 151,100 square feet of pavement, including asphalt, concrete and pervious concrete.**

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

**A temporary erosion and sediment control (TESC) plan will be prepared as part of the design drawings and will be implemented by the contractor during construction to reduce the potential for site erosion and sediment laden water leaving the site. The TESC plan will include items such as a stabilized construction entrance, silt fencing, catch basin insert protection, sediment ponds, requirements for covering stockpiles, temporary stabilization measures, and dust control. In addition, the NPDES permit obtained by the Owner and transferred to the contractor will require the contractor to perform turbidity monitoring on any stormwater leaving the site during construction to ensure compliance with City of Puyallup and Department of Ecology regulations.**

## **2. AIR**

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

**During construction, typical construction emissions are expected. There will be a small increase (approximate quantities are unknown) in exhaust emissions from construction vehicles and equipment, and a temporary increase in fugitive dust due to earthwork for the project. The most noticeable increase in emissions and fugitive dust would occur during demolition and earthwork. Exhaust emissions would also be generated from construction worker vehicles and equipment traffic to and from the site. The number of workers at the project site at any one time would vary depending upon the nature and construction phase of the project. These potential air quality impacts would be temporary in nature, occurring during construction activities. The mitigation listed below, in Section 2.c, would ensure that the effects of construction activities on air quality would be minimized.**

**Upon completion of construction, air quality in the vicinity of the site is anticipated to remain the same.**

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

**There are no known off-site sources of emissions or odors that would affect the proposed project.**

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

**The contractor chosen for the proposed project would be required to comply with Puget Sound Clean Air Agency (PSCAA) regulations. Regulations that apply to the proposed project include Regulation I, Section 9.11 prohibiting the emission of air contaminants that would or could be injurious to human health, plant or animal life, or property; and Regulation I, Section 9.15 prohibiting the emission of fugitive dust, unless reasonable**

precautions are employed to minimize the emissions. See also the mitigation listed in section B.1.h., above.

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.

**The City of Puyallup Critical Areas Map identified a Wetland Area approximately 150 feet south of the site, on the opposite side of 39<sup>th</sup> Avenue SE. No other critical areas were identified on the subject property or within 300 feet of the subject property.**

**On March 10, 2017, Soundview Consultants LLC (SVC) conducted a site reconnaissance. No wetlands, waterbodies, or regulated fish and wildlife habitat were identified on the subject property or within 300 feet.**

- 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.

**Not applicable.**

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

**No, the project will not require surface water withdrawals or diversions.**

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

**No, the project site does not lie within a 100-year flood plain.**

- 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, the project will not involve any discharges of waste materials 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.**

- 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 will be discharged into the ground.**

**c. Water Runoff (including storm water):**

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

**Stormwater runoff from the project site will be collected in a series of catch basins and pipes. Runoff from pollution-generating impervious surfaces, such as parking lots and driveways will be routed to bioretention areas for water quality treatment. Runoff from the natural turf field will also require water quality treatment which will likely be handled with a filter cartridge type system. Runoff from other non-pollution-generating impervious surfaces, such as roofs and walkways could be routed to bioretention or directly to flow control facilities. Infiltration testing will be completed at the project site to determine if infiltration of clean stormwater can be part of the flow control design. The drainage system will be designed to meet the requirements of the 2014 Department of Ecology Stormwater Management Manual, as adopted by the City of Puyallup. Pipes conveying the mitigated stormwater discharge will connect to existing 12-inch public storm drain in 39<sup>th</sup> Avenue SE.**

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

**Geotechnical investigation did not encounter any significant groundwater in their exploratory borings. There are no surface water bodies in the vicinity of the site. All waste materials will be properly handled and disposed of, and therefore it is unlikely that waste materials could enter ground or surface waters. If stormwater is able to be infiltrated onsite, it will be downstream of water quality treatment facilities.**

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

**No, the proposal will not alter or otherwise affect drainage patterns in the vicinity of the site.**

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

**Proposed measures to reduce or control surface and stormwater runoff impacts include implementing an erosion and sediment control plan during construction and providing permanent water quality and flow control facilities to manage stormwater in accordance with City of Puyallup requirements from the completed project.**

**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, eel grass, milfoil, other
- other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

**Existing lawn and planting areas will be removed and replaced from around the existing school building and entry parking. Some larger trees will need to be removed in accordance with the City of Puyallup tree preservation requirements. Approximately 6 acres of landscape area will be altered and / or replaced with new landscape.**

c. List threatened or 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:

**Lawn and planting areas around the new school will be planted with grass and with native and drought resistant plantings of shrubs and groundcover. A natural turf play field will be included. New specimen trees will be planted on site where feasible and or required by local ordinance. Cluster of trees will be maintained, when possible, rather than individual trees. to decrease chance of windthrow. Tree protection areas will be established prior to site work activities and maintained throughout all phases of development until completion.**

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

**Himalayan blackberry and ivy has been observed in the northeast corner of 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.

- **Birds: songbirds.**
- **Mammals: deer.**

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 or endangered species known to be on or near the site.

**On March 10, 2017, Soundview Consultants LLC (SVC) conducted a site reconnaissance. No wetlands, waterbodies, or regulated fish and wildlife habitat were identified on the subject property or within 300 feet.**

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

**None known.**

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

**Site planning will strive to retain existing trees and native vegetation where possible. New plantings will incorporate mostly native plants which will provide numerous habitat opportunities on site as well as educational value to the students.**

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.

**During construction, gasoline & diesel powered equipment would be used.**

**The new building will use electricity and natural gas to serve the building lighting, food service facilities, heating and ventilation.**

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

**No, the proposed building will not block the use of solar energy by 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:

- **Proposed new school will be designed to meet Washington Sustainable School Protocol for high performance schools.**
- **All exterior walls and roof will be fully insulated to meet current energy codes.**
- **All storefronts & windows will be insulated with tinted low e glass along south and west facing façades, and exterior windows will have blinds to reduce heat buildup and glare.**
- **The project is not expected to have adverse energy impacts, and efforts will be made to utilize energy saving equipment during construction and operation.**
- **The HVAC system will utilize condensing boilers, variable frequency drives on pumps and fans, electronic controls to optimize heating and cooling needs, demand ventilation, and air-to-air heat recovery.**
- **Energy efficient LED lighting will be used as the primary source of artificial light on the interior of the building and for all exterior and site illumination. Occupancy sensing and time clock controls will be used to control all lights and automatically turn them off during preselected times and unoccupied periods. Interior daylight harvesting will be used to automatically dim artificial light in response to available natural light.**



## 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 environmental health hazards are known or expected to result from this proposal.**

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid natural gas transmission pipelines located within the project area and in the vicinity.

**None.**

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.

**The proposed project will require gasoline and diesel fuel to be used during the construction phase of the new school. All fuel will be stored in approved EPA containers.**

**Once construction is completed and the school is under normal operation, no toxic or hazardous chemicals are expected that might be stored, used, or produced.**

4) Describe special emergency services that might be required.

**None beyond standard police, fire, and medical services for an elementary school.**

5) Proposed measures to reduce or control environmental health hazards, if any:

**The project is not expected to have negative impacts on environmental health; therefore, no mitigation is required.**

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

**Traffic along adjacent 39<sup>th</sup> Ave. SE.**

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 activities – 3/18 -9/19.**

**Most of the noise will occur during the initial site development phase at the early part of construction. Noise will be generated by trucks and earth moving equipment required for grading and site utility work. Following grading and site utility work will be a phase of normal construction activity. Towards the end of the**

**construction period, additional heavy construction equipment will be on site to demolish and remove existing school building, and complete site work.**

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

**Construction activities would be restricted to hours and levels designated by City of Puyallup code requirements. If construction activities exceed permitted noise levels, PSD would instruct the contractor to implement measures to reduce noise impacts to comply with the Noise Control Ordinance, which may include additional muffling of equipment.**

## **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

**Current use of the site is for a Public Elementary School. Adjacent properties are single family detached residences with frontage along 39<sup>th</sup> Ave SE to the south. The proposed project will not change the current use or affect the 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.

**There are four main building structures on the site:**

- **Single story wood framed building with brick veneer, facilitating classroom, library, and administration functions.**
- **Single story wood and CMU framed building with brick veneer, facilitating gymnasium, music, classroom, and exterior covered play functions.**
- **Single Portable Classroom structure in northeast corner.**
- **Double Portable Classroom structure in northeast corner.**

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

**All of the existing buildings will be demolished. The existing portable classrooms will be removed from site by the Owner.**

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

**PF (Public Facilities Zone)**

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

**PF (Public Facilities Zone)**

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.**

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

**Approximately 60 staff together with a student capacity for 730 students**

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

**None.**

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

**Not applicable.**

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

**There is no change of use proposed with this project. The new building will comply with City of Puyallup building setback and perimeter landscape requirements.**

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

**Not applicable.**

## **9. HOUSING**

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:

**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 tallest height of the proposed building is approximately 50 feet.**

**Proposed exterior building materials include: brick masonry veneer; cementitious siding and panel systems (Hardie siding/panels); metal siding; 3 tab asphalt shingle roofing.**

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

**The site is not located along a designated view corridor. It is currently bound by trees along approximately 85% of its perimeter. The south side, which provides the only vehicular access along 39<sup>th</sup> Ave. SE, is partially covered by mature trees and a built-up knoll.**

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

**The proposed replacement school will be taller than the current structure. Unlike the current school, which is mainly flat roof, the proposed building has been designed to fit in with more traditional gabled/shed residential roof forms. Modulation of the facades is intended to reduce the visual presence/mass of the new building.**

**Exterior materials of the new building have been selected to meet City of Puyallup Design Guidelines and to fit in the community.**

## 11. LIGHT AND GLARE

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

**Exterior lighting will be added for the new school in manner similar to current, that minimizes spillover and glare.**

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

**No. Lighting from completed project are not expected to be a safety hazard or interfere with views.**

- 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:

**New LED lighting fixtures with shield and accurate optics will reduce spillover and glare.**

## 12. RECREATION

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

**The City of Puyallup offers a variety of recreational opportunities within walking or short drive distance from the school. These include Manorwood Park, Bradley Lake Park, Rainier Woods Park, and Wildwood Park. Local schools, including Sunrise E.S., Ridgecrest E.S., Wildwood Park E.S., Shaw Road E.S. and Ferrucci J.H.S. also provide indoor community use (via a Facilities Use agreement and Board Policy 4260) and outdoor recreation on play toys, field use areas. Shopping and dining are also available a short drive westward on 39<sup>th</sup> Ave. SE (39<sup>th</sup> Ave SE and Meridian S) to such destinations as South Hill Mall and Meridian Place Shopping Center.**

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

**Some onsite field and play areas will be temporarily inaccessible at Sunrise during construction. The two existing baseball fields will not be replaced with the new project.**

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

**The Sunrise Elementary School replacement project will include site amenities such as covered play area, soft play equipment area, hard surface play areas, grass field with a walking track, and outdoor learning area.**

### 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.

**No, the existing Sunrise Elementary School was constructed in 1976, less than 45 years old, and is not listed on any preservation registers to the applicant's knowledge.**

- 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 known landmarks, features, or other evidence of Indian or historic use or occupation. No professional studies have been conducted at the site and the property is not listed in the National Register of Historic Places for Pierce County, Washington.**

**The site was disturbed in 1976 for construction of the current school, and no evidence of Indian or historic use or occupation was found.**

- 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.

**The Washington Department of Archaeology and Historic Preservation (DAHP) WISAARD site (Washington Information for Architectural and Archaeological Records Data) was checked June 5th, 2017 for any record of cultural or historic resources on or near the project site. None were identified in this database.**

- 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.

**In the event that suspected historic or cultural artifacts, or objects of suspected archaeological value are discovered during the course of site development, activity in the immediate area will be stopped until a professional archaeologist can assess the discovery. If the professional archaeologist determines the discovery is archaeological material, the Washington State Department of Archaeology and Historic Preservation (DAHP) procedures would be followed.**

**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 2323-39<sup>th</sup> Avenue SE in Puyallup, Washington. Access is currently provided from two driveways on 39<sup>th</sup> Avenue SE. With the replacement project, access would be provided from two access driveways on 39<sup>th</sup> Avenue SE located in approximately the same locations.**

**Pedestrian pathways also provide nonmotorized to the site from neighborhoods abutting the school property from the east, north, and west.**

- 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 site is not directly served with transit stops; however, Pierce Transit provides bus service within the larger City of Puyallup and Pierce County areas. The closest transit stops are located nearly a mile to the west. One is located on the Pierce College Puyallup Campus and is served by Pierce Transit Route 4. Further west, there are stops at the 39<sup>th</sup> Avenue SE / 10<sup>th</sup> Street SE intersection that are served by Pierce Transit Routes 4 and 425.**

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

**The proposal would replace the existing on-site parking (the site has 86 striped parking spaces and paved areas that are used for additional parking) with new parking totaling approximately 107 spaces. In addition, the proposed passenger vehicle and school-bus load/unload zones are planned to be available for parking during evening and/or weekend events, which could provide capacity for 37 additional vehicles.**

- 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).

**Frontage improvements along 39th Avenue SE are anticipated and would consist of extending the center left-turn and making sidewalk improvements. The exact design and limits of the widening on 39th Avenue SE will be coordinated with City of Puyallup staff based on the various existing constraints including: large street trees behind the sidewalk, available right-of-way, topographical constraints, and connections and transitions to facilities west of the school site frontage.**

**Based on the proposed site access reconfiguration planned as part of the project and the signal warrant analyses presented in the Transportation Technical Report by Heffron Transportation dated August 16, 2017, the 39th Avenue/25th Street SE/Sunrise Elementary Access intersection is projected to meet the category A criteria for Warrant 3 of the MUTCD warrants for signalization. Therefore, signalization could be required by the City of Puyallup.**

- 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?

**See the Transportation Technical Report for Sunrise Elementary School Replacement prepared by Heffron Transportation Inc. dated August 16, 2017 for a detailed analysis of trip generation, peak volume time periods, and methodology used. The report is made available as an attachment to this environmental checklist.**

- g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

**No.**

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

**The applicant will be required to pay Street Impact Fees to the City of Puyallup based upon current rates adopted by the city as a condition of building permit issuance.**

**Prior to opening of the replacement school, the applicant would review and identify any changes to walk routes, crosswalk locations, and/or crossing guard locations.**

**The applicant will develop a transportation and parking management plan to minimize the traffic and parking impacts associated with large events. The plan would identify on-site locations for event parking (e.g. bus or passenger call load/unload zones) and ensure that all parking areas are open and available during large events. If large events are anticipated to generate demand that would exceed the on-site event parking supply, the school would examine ways to reduce the demand and event attendance (e.g. through splitting events based on grade levels).**

**The District will require the selected contractor to develop a construction management plan (CMP) that addresses traffic and pedestrian control during school construction. It will define truck routes, lane closures, walkway closures, and parking disruptions, as necessary. The CMP may also include measures to keep adjacent streets clean on a daily basis at the truck exit points (such as street sweeping or on-site truck wheel cleaning) to reduce tracking dirt offsite. The CMP should identify parking locations for the construction staff; to the extent possible, construction employee parking should be contained on-site.**

## **15. PUBLIC SERVICES**

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

**As this project is a replacement of existing public elementary school, same public services that are currently being provided will be maintained.**

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

**The project site and building are designed in accordance with CPTED (Crime Prevention Through Environmental Design) and to accommodate fire truck access to the building. The new school building will be equipped with security systems, fire detection and alarms, and a complete wet sprinkler fire protection system. Battery backup will provide an emergency power source for egress lighting and alarm systems. Fire flow requirements will be met, as will requirements for emergency responder radio reception.**

**16. UTILITIES**

- a. Circle utilities currently available at the site:  
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,  
other

**Currently available on site: electricity, water, refuse service, telephone, sanitary sewer.**

**Not available on site, but available along fronting 39<sup>th</sup> Ave. SE: natural gas.**

- 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.

**Proposed utilities for the project:**

- **Gas – Puget Sound Energy**
- **Electricity – Puget Sound Energy**
- **Water – City of Puyallup**
- **Sewer – City of Puyallup**
- **Storm – City of Puyallup**

**With the exception of gas, all the other utilities are currently available onsite. During construction, water and electricity will be provided from the existing services on site. Additional storm water measures will be provided to meet all city and county code requirements.**

**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:           *Brian Devereux*          

Name of signee:           Brian Devereux          

Position and Agency/Organization:           Facilities Planning Director, Puyallup School District          

Date Submitted:           8/22/2017