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:
   Talus Lot 17B Middle School No. 6

2. Name of applicant:
   Issaquah School District No. 411
3. Address and phone number of applicant and contact person:
   Issaquah School District
   Tom Mullins, Director of Capital Projects
   5150 - 220th Ave SE
   Issaquah, WA 98029
   425-837-7040

4. Date checklist prepared:
   October 4, 2019

5. Agency requesting checklist:
   Issaquah School District No. 411
   City of Issaquah Development Services Department

6. Proposed timing or schedule (including phasing, if applicable):
   Project construction anticipated to begin in March 2020
   School anticipated to open in September 2021

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

   There would be a very limited area for expansion at the north end of the classroom building which would provide additional program area equal to four classrooms if the School District finds a need for expansion in the future.

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

   Arborist Report, December 2018
   Phase 1 Environmental Site Assessment, January 11, 2019
   Site Noise Report, March 20, 2019
   Preliminary Geotechnical Engineering Report with Critical Areas Study, updated July 19, 2019
   Parcel 17B 40% Slope Analysis, July 2, 2019
   Stormwater Pollution Prevention Report to be submitted with Site Work permit
   Stormwater Drainage Report, updated October 4, 2019
   Tree Preservation Plan, updated October 4, 2019
   Parking Analysis Technical Memorandum, October 2, 2019
   Traffic Impact Analysis to be submitted in October 2019

   Also: City of Issaquah issued a nonproject Determination of Nonsignificance on October 9, 2019, related to the proposed Comprehensive Plan and Zoning Map amendments affecting several publicly owned properties including this site.

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.

A Site Work Permit Submittal was made on June 28, 2019 for a water line reroute project which is independent of the Middle School proposal.

City of Issaquah Proposed Comprehensive Plan and Zoning Map amendments (Redesignation and Rezone) – currently in process.

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

Site Development Permit
Comprehensive Plan and Zoning Map – Redesignation and Rezone
Site Work Permit 2 & 3
Building Permit - Shoring
Landscape Permit
Building Permit 1, 2 & 3: Structure, Building, Garage
King County Health Department Permit
NPDES Permit
Fire Alarm and Fire Sprinkler Permits
Deviation from Standards – Driveway Distance
Administrative Adjustment to Standards:
- *AAS #1: Site Retaining Walls*
- *AAS #2: Cut and Fill*
- *AAS #3: FAR*
- *AAS #4: Parking Requirement*
- *AAS #5: Building Height*

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The proposed new Middle School No. 6 would be approximately 136,000 sf as calculated per the Issaquah Municipal Code and would include classrooms, school administration, commons, kitchen and servery, a library, a gymnasium and auxillary gymnasium, and general staff and building support spaces.

The proposed site work would include a new internal road from NW Talus Drive for access to parking and for family queuing and loading. Visitor and staff parking would be accomodated in an approximately 35,000 sf, two-level parking garage with additional parking stalls provided on -grade. There would be a separate road for bus queuing and loading accessed from Falcon Way NW. Fire lane access to the east and south portions of the building and to the track and field would be provided from NW Talus Drive adjacent to the easternmost property line.

The site would include a multi-purpose athletic field and an on-site trail that would connect the Timber Ridge trail system from NW Falcon Way to Talus Drive NW. An overhead pedestrian bridge would provide a safe route for students to travel from the bus loading area to the

school building. The site has been previously graded which will require extensive use of site walls to account for the existing grading cuts and elevation changes across the site. Site walkways, stairs, and ramps would provide accessible connections throughout the site.

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 proposed project would be located at the southeast corner of the intersection of NW Talus Drive and Falcon Way NW, Parcel 17-B.

Legal Description:

REVISED PARCEL 17B, CITY OF ISSAQUAH BOUNDARY LINE ADJUSTMENT NO. BLA03-004EV, RECORDED UNDER RECORDING NUMBER 20040526900004, IN KING COUNTY, WASHINGTON.

SAID BOUNDARY LINE ADJUSTMENT BEING A SUBDIVISION OF PARCELS 17-A, 17-B, 17-C AND 17-D, AND TRACT E, TALUS DIV. A, A MASTER PLAT, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 201 OF PLATS, PAGES 38 THROUGH 50, IN KING COUNTY, WASHINGTON, AND OF LOT 1 AND TRACT X OF CITY OF ISSAQUAH SHORT PLAT NUMBER SP-04-001EV, RECORDED UNDER RECORDING NUMBER 20040519900001.

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 contains existing, previously graded slopes meeting geometric criteria in IMC 18.10.390 for treatment as Landslide Hazard Areas. The site has an existing gravel pad constructed for construction staging as well as two access roads. There are existing slopes between 40% and 75% on either side of the gravel pad and access roads. The site slopes down between 20% and 50% to the existing detention pond in the southeast corner of the site. The existing slopes have been installed for several years and have been stabilized.

In the final condition, the site would utilize engineered, stepped retaining walls to minimize steep slopes. Steep slopes with a maximum slope of 50% (2H:1V) would still exist on the north and south edges of the property in the final condition.

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.

Most of the surficial soils on the site and adjacent areas consist of man – made structural fill, which under Natural Resources Conservation Service (NRCS) nomenclature is classified as Modified Land.

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

The subject site and its immediately adjacent areas do not have a known history of slope instability. Other non - adjacent portions of the Talus development of which the subject site is a part have experienced slope instability as a result of inadequately designed earthwork. The previous instability of other non – adjacent portions of the Talus property are the subject of ongoing slope stability monitoring. Areas of previous slope instability are not anticipated to affect the work covered under this proposal.

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.

The existing site consists of mostly steep slopes. The project would regrade the site utilizing engineered site walls to create usable space for development. The total area proposed to be regraded is approximately 9.18 Acres (400,000 SF). Estimated cut is 110,000 CY and estimated fill is 105,000 CY. On-site cut soils would be used for fill material to the extent feasible; approved structural fill would be used as required.

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

With steep slopes present, there would be a possibility that erosion could occur during excavation and construction activities. A TESC plan addressing the methods used to minimize erosion will be submitted with the project plan set. The proposed project would limit the amount of time that open soils are present during construction and open soils would be stabilized when they are not being worked.

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

Roughly 78% of the site would be covered with impervious surfaces. This includes building area, paving area, running track, and an artificial turf athletic field.

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

A TESC plan addressing the methods used to minimize erosion will be submitted with the project plan set. The project proposed would limit the amount of time that open soils are present during construction and open soils would be stabilized when they are not being worked.

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.

Typical gas and diesel fueled-based vehicles would emit exhaust during construction. Most contractors and sub-contractors use clean diesel in their equipment to help reduce emissions and those that don't would be encouraged to do so.

After project completion, automobiles, trucks, and school buses used by students, staff, and visitors to the school would create emissions. The encouraged use and provision of alternative fuel vehicle parking stalls and bicycle and pedestrian routes would lessen long-term air emissions. The District would provide bussing for students including those living within the Talus development. See 14f for anticipated number of vehicle trips per day.

A single diesel standby generator would be provided on the site. It would be used for emergency purposes serving emergency lighting, communications, fire alarm, and elevator for accessible means of egress, and a few optional loads such as kitchen refrigeration for the school district. It would operate once a week for 10 minutes in test mode and in an emergency condition with UL-142 minimum 125% containment capacity. The generator would have a 737-gallon dual wall self-contained diesel tank under the generator. For emissions the generator would meet EPA Tier 3 emissions requirements. Exhaust specifications would be as follows: flow is 1439 cfm; temp is 954 F; and back pressure is 33.76 in H2O. It is enclosed in a sound protective housing, which limits noise to 74 dBa at 20 feet.

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

No

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

Watering the site during hot summer months or over extended dry periods during construction via a water truck to control dust.

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 is an existing depression in the southeast corner of the property that was constructed to be a detention pond as part of the Talus master plan development but

it does not currently serve any developed area. The pond flows to another existing pond that serves as a regional detention pond for the Talus development. The outfall for the ponds connects to the existing public storm system in SR 900, which eventually discharges to Tibbetts Creek.

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.

The project would remove the existing pond on the property as it does not currently serve any stormwater function and the project is not permitted to discharge runoff to the regional detention pond across Talus Drive.

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.

The project would fill the existing, unused pond with approximately 10,000 cubic yards of approved on-site structural fill material.

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

The existing pond does not serve any area other than property area. All runoff from the property area would be collected by the proposed drainage system and conveyed to the existing storm system in SR-900.

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

The proposed project is not with a 100-year floodplain.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

The proposed project does not involve any discharges of waste materials to surface waters.

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.

The proposed project would not utilize groundwater drawn from a well.

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.

The proposed project would not involve any discharge of waste material into the ground.

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.

Rainfall onto the property is the sole source of runoff for the proposed project. Runoff from the developed site area would be collected and conveyed using a closed series of catch basins and storm pipes. The runoff would be routed to a new underground detention facility located under the athletic field. A media filter would be installed downstream of the detention facility to treat on-site runoff for enhanced water quality treatment. The proposed storm system would discharge to the public storm system running down SR 900, downstream of the regional detention pond that serves the Talus development. The public storm system eventually discharges to Tibbetts Creek.

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

No waste materials are anticipated from the proposed project.

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

The proposed project would only alter drainage patterns within the property boundary. The proposed outfall for the property would match the existing outfall, connecting to the SR 900 public storm system. The runoff would no longer be routed through the Talus regional detention pond but would connect to the same system downstream.

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

The project would match existing grades at the project boundary to reduce impacts to drainage patterns. The project would utilize a detention facility to match the post-developed flow rates to historical flow conditions to minimize impact due to concentrated flows. The project would treat all runoff from pollution-generating surfaces for enhanced water quality to reduce impact on surface water quality.

4. Plants [help]

a. Check the types of vegetation found on the site:

__x__deciduous tree: alder, maple, aspen, other
__x__evergreen tree: fir, cedar, pine, other

__x__shrubs
__x__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?

Existing grass and woody vegetation would be removed and replaced with new vegetation. Existing trees would be removed where necessary for new construction. Tree removal and replacement would occur in accordance with City of Issaquah tree preservation requirements. Approximately 83,530 sf of new landscape area would be installed on site and approximately 11,000 sf of landscape would be installed in the adjacent property to the east which is owned by the Talus Residential Association. Any work on the adjacent property will be approved by and coordinated with the TRA.

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

No known threatened or endangered species on site.

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

Proposed landscape areas would be lawn, shrub and groundcover planting areas and trees. Selected plants would be primarily native and drought resistant. Trees would be planted where feasible and as required for tree replacement and to meet tree density requirements.

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

None known.

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 _____

Deer, raccoons, coyotes, and rabbits have been seen in the general Talus area.

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:

New landscape areas would incorporate mostly native plants which would provide wildlife habitat on site and create opportunities for environmental education for students. Site planning would strive to retain existing trees and native vegetation where possible.

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

None known.

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.

Electric and natural gas would be used. Both energy sources would be used to heat and cool the building. Electrical power will also be used for ventilation, lighting, and technology services.

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

The proposed project would not affect the potential 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:

The HVAC system would be a dedicated outdoor air system (DOAS) type. This system decouples the heating and cooling function with the ventilation air requirement which greatly reduces fan energy requirements. Other measures that would be utilized are as follows:

a. Enthalpic heat recovery wheels;
b. High efficiency condensing gas boilers; and
c. Air cooled chiller to be 15% more efficient than code minimum.

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.

There are no known environmental hazards that could occur as a result of this proposal.

1) Describe any known or possible contamination at the site from present or past uses.
None known or found during the Level 1 Environmental Review.

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.
None known.

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 generator would be provided with a 737-gallon base tank under the generator. The tank would be dual wall and have minimum 125% containment capacity and meet UL 142 and be IBC certified. The tank would be provided with emergency pressure relief vents.

4) Describe special emergency services that might be required.

Emergency services that might be required are similar to that of a typical middle school.

The proposed vehicular road through the site accessed from Talus Drive NW and the bus road accessed from NW Falcon Way will be designed in conjunction with review by Eastside Fire and Rescue to accommodate fire trucks and their outriggers. A fire lane accessed from NW Talus Drive adjacent to the east property line will provide emergency vehicle access to the east and south portions of the building as well as the track and field. A fire department-approved hammerhead turn-around would be provided at the end of the fire lane to allow vehicles to exit back to Talus Drive NW.

5) Proposed measures to reduce or control environmental health hazards, if any:
The generator would have a base tank dual wall for self-containment. Containment would provide minimum 125% capacity to meet UL 142 and IBC standards.

b. Noise

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

Per the Site Noise Report by A3 Acoustics dated March 20, 2019, the primary sources of background noise on this property are from trucks driving on NW Talus Drive and primary sources of noise spikes are overflying planes. To reduce the

impact of outside noise, the building windows would be constructed and sealed per the recommendations of the report.

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.

Heavy earth grading machinery, tree cutting, and hauling of materials would create temporary noise for a relatively short duration during construction. Construction of the project would create typical construction noise.

Long-term noise impact to the community would be typical of a middle school (physical education and sporting events on the field, class period bells, bus and vehicular traffic noise, and service vehicle loading and unloading.)

The generator would be in a sound enclosure that limits noise to 75 dBa at 20 feet. The generator will only run 1x a week for 10 minutes in test mode and during emergency power outages

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

Noise generated during construction activities would comply with the City of Issaquah's allowed construction days and hours.

The generator would be in a Level 2 sound enclosure that limits sound to 75 dBa at 20 feet

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 undeveloped although it has been partially re-graded for prior use as temporary construction staging. The site was previously approved for a large, 517,00 square foot office development. The school would provide an asset to neighboring residential properties by reducing commute times for families with middle-school age children and providing recreational opportunities to the community.

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 not been used as working farmlands or working forest lands.

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of

pesticides, tilling, and harvesting? If so, how:

No

c. Describe any structures on the site.

No structures are located on site.

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

Not applicable

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

The current zoning is Urban Village Office; however, the site is currently under review to change the zoning designation to Community Facilities – Facilities.

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

Urban Village; however, the City is currently reviewing a proposed Comprehensive Plan amendment to designate the site Community Facilities.

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.

The site contains slopes that meet City criteria for classification as a Landslide Hazard Area (LHA). A survey depicting the LHA areas and a geotechnical critical areas study have been prepared as supplements to this proposal.

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

The school would be designed for 850 – 900 students and 75 - 80 faculty and staff.

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

No people would be displaced by this project.

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:

The project would comply with applicable codes and guidelines. The project would be reviewed and approved by the Talus Architectural Review Committee as well as the City of Issaquah.

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.

Not applicable

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

Not applicable

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

Not applicable

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 portion of the proposed structure would be 66'-4" from the calculated average grade plane.

The proposed exterior building materials would be of concrete masonry veneer, pre-finished metal siding panels, and phenolic resin wood grain panels.

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

Due to the slope of the site, the property immediately to the north would maintain its views over the building and beyond. No other views would be altered or obstructed.

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

The proposed building materials would be durable and of high-quality to complement the existing Urban Village context. The site would be landscaped to meet jurisdictional requirements and would include amenities that would be available for community use such as a public trail and a track and field.

11. Light and Glare [help]

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

Light or glare would occur from building lighting, parking lot light poles, and field lighting. The parking lighting would be LED full cutoff with low glare shielding that produces no light trespass over the property line. The lighting would be enabled to operate between dusk and 11 PM to provide a safe environment for teachers and staff that work late and to accommodate school and community evening events both on the track and field and within the building. Creating lighting zones would provide the ability to selectively light the areas of the site that are in use, and each

fixture would be provided with a motion sensor that reduces light output to 30% when no motion is present.

Field lighting, which would be shielded to prevent light glare escaping to adjacent properties, would be used during practices or games. The Timber Ridge community would sit above the top of light poles which would further reduce impacts of site lighting.

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

No

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

None

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

Building and parking lighting would be LED full cutoff with low glare lens. The Field lighting would be shielded, and the top of fixtures would be below views from the neighboring Timber Ridge community.

12. Recreation [help]

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

The Timber Ridge pedestrian trail system connects the Talus community with trails through developed and natural areas; the proposed project would extend the existing trail from its junction with Falcon Way to Talus Drive. The trail would be located along the southern property line to best align with the existing trail and provide a more natural trail viewpoint.

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

The proposed project would not displace any existing recreational uses.

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

The proposed project would provide new recreational opportunities for the community with its proposed gymnasium, auxiliary gymnasium, and track and field.

The site would also include a pedestrian trail that would connect the existing Timber Ridge trail system at the SW portion of the site from Falcon Way to the existing sidewalk on Talus Drive.

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.

No

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.

Not applicable

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.

Not applicable

14. Transportation [help]

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.

The site is bounded by NW Talus Drive to the north and east, and Falcon Way NW to the west. Regional access to the Talus community is provided via NW Talus Drive at Renton Issaquah Road SE (State Route [SR] 900), directly east of the site. The main driveway would be on NW Talus Drive and would provide access to the family vehicle loading area and on-site parking. A fire lane driveway would also be accessed from NW Talus Drive but is planned for use only by emergency and service vehicles with access control (e.g., gates and/or removable bollards). A school bus loading area would be accessed from Falcon Way NW.

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 by public transit. The nearest transit stop is located at the Issaquah Transit Center, located approximately one mile north of the site. Public school bus service will be provided to students attending the school.

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

The proposed project would provide 99 structured parking stalls and 23 on-grade stalls for a total of 122 on-site parking stalls available for all day use. Approximately 40 additional parking spaces would be available within the bus loading and family vehicle loading areas for non-school hour events for a total of 162 available parking spaces. The project would provide loading area for up to 18 school buses.

There is an existing paved surface lot on the site, with capacity for approximately 70 parked vehicles, which would be removed with the project.

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).

A portion of Falcon Way NW would be widened from two 9-foot travel lanes to two 11-foot travel lanes to facilitate school bus entry and exit. The project proposes to install a traffic signal on NW Talus Drive at the main school driveway, and "Do Not Block" signage and pavement markings at the NW Talus Drive/Falcon Way NW intersection, to reduce the potential for the eastbound queue at the signalized intersection to block entering or exiting vehicles at that location. The project also proposes implementation of a school zone speed limit of 20 mph, with flashing beacons when in effect, along the segment of NW Talus Drive adjacent to and approaching the school.

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 would not use, or occur in the 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?

At full enrollment capacity the project is expected to generate approximately 1,920 vehicle trips per day. The peak volumes would occur during the morning peak hour (between about 7:30 and 8:30 a.m.) and the school afternoon peak hour (between about 2:15 and 3:15 p.m.). The project is estimated to generate about 630 vehicle trips (347 inbound, 283 outbound) during the AM peak hour, and 315 vehicle trips (145 inbound, 170 outbound) during the school afternoon peak hour. Approximately 153 vehicle trips (75 inbound, 78 outbound) are projected during the commuter PM peak hour. Vehicle trip estimates were calculated based upon rates and methods presented in the Institute of Transportation Engineers (ITE) Trip Generation Manual (10th edition, 2017). It is expected that the school would be served by about 18 school buses in the morning and afternoon; truck trips would comprise less than 1% of total daily trips, primarily consisting of garbage pick-up and occasional deliveries.

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 proposal would not interfere with, affect, or be affected by the movement of agricultural and forest products.

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

The site would be served by school buses and the School District would encourage their use. On-site loading and circulation would be designed to accommodate the queuing associated with student drop-off and pick-up activities. The School would develop and implement a Transportation Management Plan (TMP) with measures to reduce its traffic impacts and prevent parking overspill to neighborhood streets. Planned TMP measures include identification of safe walk routes, establishment of procedures and travel routes for on-site student drop-off and pick-up, establishment of parking procedures, reminders about observing speed limits and neighborhood parking prohibitions, The School would also develop and implement a School-Event Management Plan that would include a schedule of large events, neighborhood communication protocols, and parking management measures. The School District would conduct annual monitoring of traffic queuing and parking conditions and add or adjust the plan measures as needed to address any issues that are identified.

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.

The proposed middle school would need public services typical of an area middle school.

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

The proposed project would mitigate the need for public services by complying with all jurisdictional codes regarding fire and life-safety. The school would provide its own bus service to lessen the impact on roads. The school would have on-site enhanced counseling staff and resource offices and on-site school health room to address low infirmant and social service needs.

16. Utilities [help]

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

e. 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 project would add sanitary sewer, stormwater, power, and communication services to the site. A separate, independent permit submittal (SW19–00034) was made to the City of Issaquah to re-route the existing water main. Sanitary sewer, stormwater, and water services would be provided by the City of Issaquah. Power would be provided by PSE. Communication providers are still to be decided.

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 _____

Position and Agency/Organization _____

Date Submitted: _____