

**State Environmental Policy Act (SEPA)
ENVIRONMENTAL CHECKLIST**

File No. _____

**PLEASE READ CAREFULLY BEFORE COMPLETING THE CHECKLIST!
Victory Heights, WCE # 3185**

Purpose of Checklist:

The State Environmental Policy Act (SEPA) chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An Environmental Impact Statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for Applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

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 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.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "*does not apply.*"

IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (Part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. **Name of proposed project:** Victory Heights Planned Unit Development

2. **Applicant:** Whipple Consulting Engineers, Inc.
Address: 21 S. Pines Road
City/State/Zip: Spokane Valley, WA, 99206 Phone: (509) 893-2617

3. **Agent or Primary Contact:** Todd R. Whipple, P.E.
Address: 21 S. Pines Road
City/State/Zip: Spokane Valley, WA, 99206 Phone: (509) 893-2617

4. **Location of Project:**
Address: 2323, 2747, 2929, 3103, W. Thorpe Ave.; 2929, 3507, 3515 W 41st Avenue, Spokane WA 99224 and other properties listed below on unassigned addresses.
Section: 25 Quarter: SW Township: 25N Range: 42E
Tax Parcel Number(s): 25253.0005, 25253.0006, 25253.0008, 25253.0009, 25351.0001, 25351.0004, 25351.0005, 25351.0026, 25351.0601, 25351.0602, 25351.0603, 25354.0029, 25354.0030, 25354.0031, 25354.0032, 25354.0033, 25354.0034, 25354.0101

5. Date checklist prepared: February 15, 2024

6. Agency requesting checklist: City of Spokane, Washington

7. Proposed timing or schedule (including phasing, if applicable):
Construction to begin Winter 2024/2025 or six months to one year after preliminary PUD approval. At the present time, there is a preliminary phasing plan included as sheet PP2 of the application; it should be noted however that due to the nature of the proposal that overall construction will be phased due to project size as well as market conditions and type of retail housing product offered. As a part of this SEPA, and to limit phasing or segmentation, all elements of the project are included in this SEPA review that would apply to the land development action proposed. The reviewer should know that this project may include early grading, utility installation, portions of the onsite/offsite infrastructure and the platting in more than one phase will most likely occur.

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

None, at this time, there are no other planned additions, expansion or further activity related to or connected with this proposal. If added at a later date, either a supplemental checklist or new project application will be made.

- b. Do you own or have options on land nearby or adjacent to this proposal? If yes, explain:

Yes, the developer also owns parcel numbers 25362.0006 and 25253.0010 on a total of approximately 14.05 acres. These parcels are not adjacent to this proposal and have been omitted at this time. 2.0006 lies east of and a between the State General Admin land and west of the railroad; 3.0010 lies east of the site, the majority lies on the east side of the railroad with a portion lying west of the railroad between the Fish Lake Trail and the railroad and is covered in critical area features such as wetlands.

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

The following environmental information has been or will be prepared directly related to this proposal: SEPA checklist, traffic - trip generation and distribution letter, Traffic Study, wetland delineation report, concept drainage report, geotechnical evaluation, cultural resource survey and a critical areas checklist (erodible soils, wetland).

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

Yes, the City of Spokane is constructing a 2nd Thorpe water tank (Thorpe Twin Storage Tank and Thorpe #2 Booster Station) and 3rd SIA storage tank, which would ensure continued water service at an acceptable level for current and future residents.

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

This project will require approval of or permits for the following: preliminary plat, final plat, Planned Unit Development, SEPA Checklist, blasting permits, building permits, water plans, sewer plans, storm drainage plans, street plans, UIC registration, street permit, WSDOT permits, development agreements, utility permit, demolition permit, street tree plan, and clean air permit. Other permits may be required that are currently unknown.

12. 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.

This project proposes to subdivide 18 parcels into 1,002 single-family attached and detached residential lots in the RSF zone with a PUD overlay. A portion of this project was originally a part of the approved Studebaker Addition, which is still shown as an overlay on parcel 25354.0101. This project will construct seven north-south public roads, 10 public alleys and 18 public east-west roads. This project will be served by public roads, public water and public sewer.

13. 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 occurs 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 application related to this checklist.

This project is generally located south of and between 3407 and 3747 W. Thorpe Ave. on parcel numbers 25253.0005, 25253.0006, 25253.0008, 25253.0009, 25351.0004, 25351.0026, 25351.0005, 25351.0601, 25351.0602, 25351.0603, 25351.0001, 25354.0101, 25354.0029, 25354.0030, 25354.0031, 25354.0032, 25354.0033 and 25354.0034, totaling approximately 177.27 acres of land. The project is in the southwest 1/4 of Section 25 and the east 1/2 of Section 35, Township 25 N., Range 42 E., W.M.

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|---|---|-----------------------------|
| 14. Does the proposed action lie within the Aquifer Sensitive Area (ASA)? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| The General Sewer Service Area? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| The Priority Sewer Service Area? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| The City of Spokane? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |

15. The following questions supplement Part A.

a. Critical Aquifer Recharge Area (CARA) / Aquifer Sensitive Area (ASA)

(1) Describe any systems, other than those designed for the disposal of sanitary waste installed for the purpose of discharging fluids below the ground surface (includes systems such as those for the disposal of stormwater or drainage from floor drains). Describe the type of system, the amount of material to be disposed of through the system and the types of material likely to be disposed of (including materials which may enter the system inadvertently through spills or as a result of firefighting activities).

This proposal, laying in the high susceptibility area, will use stormwater disposal methods consistent with Spokane Regional Stormwater Manual (SRSM), which may include grassed percolation areas, evaporation ponds, L.I.D. Ponds, drywells, detention and/or retention ponds and gravel galleries depending upon soil types at the locations of the proposed facilities. The anticipated disposal rate will be appropriate for the design option chosen. Currently the volume of stormwater is unknown; however, because the system will follow the SRSM there will be a dead storage component of 0.5' or more in each swale or pond area that should limit direct discharge of items used in the home as well as firefighting activities. A preliminary or concept storm analysis has been submitted in July of 2023 as a part of this application. Runoff volume using the SCS approximation, for the 25-year storm, the increase in storage for treatment area would be approximately 5.2 ac/ft overall in numerous catchments, swales and ponds throughout the project area as allowed by the SRSM and underlying soils.

(2) Will any chemicals (especially organic solvents or petroleum fuels) be stored in aboveground or underground storage tanks? If so, what types and quantities of material will be stored?

After the development of the project, it would be expected that household volumes of these types of chemicals will be stored above ground in appropriately sized containers of less than 5 gallons. During construction, no large volume of chemicals will be stored on site.

(3) What protective measures will be taken to ensure that leaks or spills of any chemicals stored or used on site will not be allowed to percolate to groundwater. This includes measures to keep chemicals out of disposal systems.

Applicable BMP's will be used during construction to contain any leaks or spills if they occur from vehicle refueling and oiling operations. After development, small household leaks or spills may occur and are anticipated to be handled prior to leaving any hard surface areas.

- (4) Will any chemicals be stored, handled or used on the site in a location where a spill or leak will drain to surface or groundwater or to a stormwater disposal system discharging to surface or groundwater?

No large volumes of chemicals are anticipated to be stored onsite within the residential development, therefore there is no direct spill or leak risk to groundwater.

b. Stormwater

- (1) What are the depths on the site to groundwater and to bedrock (if known)?

Based on well logs in the area, depth to groundwater varies approximately 100 to 200+ feet below grade. Depth to bedrock varies with surface basalt located on the slopes of the site. Please see the attached geohazard evaluation.

- (2) Will stormwater be discharged into the ground? If so, describe any potential impacts.

Yes, stormwater may be discharged into the ground as allowed per the SRSM, which requires treatment prior to discharge, treatment levels are expected to meet or exceed those required in the SRSM. No potential impacts are anticipated at this time.

B. ENVIRONMENTAL ELEMENTS

1. Earth

- a. General description of the site (check one):

Flat Rolling Hilly Steep slopes Mountainous

Other:

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

As shown on the preliminary plat, there are slopes exceeding 30%.

- 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 a USDA NRCS soil report, the following soil types are found onsite:

2053–Speigle-Rock outcrop complex, 15 to 30 percent slopes

2080–Gibbs ashy silt loam, 0 to 8 percent slopes, prime farmland

3044–Cheney ashy silt loam, 0 to 8 percent slopes, prime farmland

3045–Rockly-Deno complex, 3 to 15 percent slopes

3113–Stutler-Springdale complex, 3 to 15 percent slopes, prime farmland if irrigated

3114–Rockly-Fourmound complex, 0 to 15 percent slopes

3115–Northstar-Rock outcrop complex, 3 to 15 percent slopes

3120–Marble loamy sand, 0 to 8 percent slopes, prime farmland if irrigated

3122–Marble loamy sand, 15 to 30 percent slopes, farmland of statewide importance

3126–Rock outcrop-Northstar complex, 15 to 30 percent slopes

7103–Xerolls silt loam, warm, mass wasted, 8 to 25 percent slopes

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

No, there are no surface indications or history of unstable soils in the immediate 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.

Proposed grading will be for the ponds, utilities (wet and dry), streets, lots and building pads and all other aspects associated with a land development project. The grading would involve removal of mostly all organics (grass/shrubs/trees) on site, preparation of street subgrade and preparation of building pads. This will occur over the entire site. Although quantities are unknown at this time, we would anticipate the movement of approximately 300,000 cy to 500,000 cy of material onsite. No export or import is anticipated at this time other than for road building materials such as crushed rock, pipe bedding, pavements, etc...; however, if any import or export of materials is required it shall be from/to a preapproved source/destination and coordinated with the City of Spokane Development Services Center. Please take note that a separate grading and utility application may be made at a later date as a phase of the noted project and should be considered a part of a consolidated permit process.

It should be noted that blasting will occur on this project site within the areas of known hard rock outcrops for road, utility, drainage and lot construction. Prior to blasting, the blasting company will make appropriate applications with the affected Agencies and perform the pre-blasting and post-blasting surveys. Because of the type of high velocity type rock that is common in this area, notice as required will be provided to all adjacent and nearby residents of the blasting process as to date, time and duration. The blasting company employed, will use all required manner of notice, applications, coordination that are usual and customary for this type of operation.

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

Some minor localized erosion from wind and rain may occur during construction but would be mitigated using appropriate BMPs. No erosion would be expected from the use of the site as surfaces will be stabilized by paving, concrete, buildings, and landscaping.

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

The development of the site will have about 30% to 45% impervious coverage via the construction of roads, sidewalks, driveways and home construction.

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

Erosion will be reduced and controlled using appropriate BMPs during construction and stabilization of disturbed soils by paving, concrete, buildings, and landscaping following construction.

2. Air

- a. What type 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.

During construction, some fugitive dust could be expected, although the intent of the permits would be to control this instance through watering, hydroseeding, or other BMPs. Additionally, there will be exhaust fumes from construction equipment, etc. At the completion of construction air emissions may be from home appliances such as dryers and gas furnaces, exhaust from yard maintenance equipment, homeowner vehicles and personal entertainment activities such as barbecuing.

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

There are no known off-site sources of emissions or odor that may affect this proposal; however, the site is west of the BNSF Railroad Line and while the railroad uses diesel electrics that are very efficient, diesel soot from heavy pulls should/could be expected in the area.

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

All site development shall comply with Spokane Regional Clean Air Agency (SRCAA), construction related requirements. Future tenants may require additional review through SRCAA depending on future construction on land disturbing actions.

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 WDFW PHS map indicates the presence of a freshwater emergent (PEMIC) wetland on and adjacent to the site. A wetland delineation report has been provided for the project. This report was completed by Biology Soil and Water, inc., which identifies two Category 3 wetlands: A wetland on the east side of the BNSF railway with a 200-foot buffer, and a wetland on the west side of the BNSF railway with a 150-foot buffer, the westerly wetland directly affects the site. The noted wetland has no reasonable flow path to any other water of the state or other USA water bodies.

- (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.

Yes, this project may require work within 200 feet of the wetland on parcel number 25253.0009 but will remain outside the delineated 150-foot wetland buffer, thereby, having no impact to the delineated wetland and buffer.

- (3) Estimate the amount of fill and dredge material that would be placed in or removed from the surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

No fill or dredge materials are anticipated to be placed in or removed from the site, however as allowed by the Wetland Report stormwater treatment and storage may occur in the outer 25 percent of the wetland buffer.

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

This proposal will not require surface water withdrawals or diversions.

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

This proposal does not lie within a FEMA 100-year floodplain.

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

No waste materials will be discharged to surface waters as the site will be connected to public sewer.

b. GROUNDWATER:

- (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 from this site. All potable water used will be provided by the local purveyor (the City of Spokane) per their existing water right. The project anticipates an average daily demand of 110,925 Gallons Per Day (GPD) in the Low Zone, 174,217.5 GPD in the mid zone, and 369,315 GPD in the high zone. The maximum daily demand is anticipated to be 288,405 GPD in the low zone, 452,965.5 GPD in the mid zone and 960,219 GPD in the high zone. Finally, the peak hour demand is anticipated to be 490,288.5 GPD in the low zone, 770,041.4 GPD in the mid zone, and 1,632,372.3 GPD in the high zone. In total, the average daily demand of the project is anticipated to be 654,457.5 GPD, a maximum daily demand of 1,701,589.5 GPD and a peak-hour demand of 2,892,702.2 GPD. The project's treated stormwater will be discharged to the underlying soils and groundwater as allowed per the Spokane Regional Stormwater Manual (SRSM). A project specific storm drainage report will be provided when the project site is in the design process. However, a concept storm, preliminary storm evaluation dated July of 2023 has been provided for the preliminary plat and PUD process.

- (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 water will be discharged via septic or other onsite systems. The subject site is in and will be served by the City of Spokane public sewer. The capita flow of the project without peaking factor is anticipated to be 250,750.0 GPD with a peak flow of 501,500.0 GPD. The site is expected to serve approximately 2,662 (782*2.7+220*2.5) people.

c. WATER RUNOFF (INCLUDING STORMWATER):

- (1) Describe the source of runoff (including stormwater) 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 source of runoff from this site after completion of the PUD will be from the constructed elements of the PUD including but not limited to homes, streets, sidewalks, driveways, lawns open spaces, etc. The intent is to convey stormwater to catchments or pond areas to treat and discharge the treated stormwater as required by the SRSM to the underlying soils, via swales, ponds, drywells, retention and/or detention ponds, galleries, etc. The peak flow via the rational method of a 25-year storm is anticipated to vary between basins from 43.93 to 212.97 CFS per basin; however, by catchment areas, the flow to the roadside swale catchments (micro basins) will generally be less than 1.0 CFS.

Using the preferred SCS Method, Type-IA 24-Hour storm for conservationism basin for the 25-year storm would vary between 1.02 and 22.73 CFS with minor basin catchments in the 0.5 to 1.0 CFS range. Required combined total pond areas would range by basin from 0.886 acre-feet to 9.52 acre-feet at 1.0 foot or more of depth.

It should be expected that pre-developed flows will continue to be discharged in the manner that they exist today to downstream properties. It should be noted that some minor basin modifications to this site that will positively affect the downstream properties will occur as street and home construction intercept upslope water due to rainfall on roadways and be carried to stormwater facilities, it should be expected that generally stormwater will be intercepted, the project does retain the right to discharge the rate and volume of stormwater as calculated in the pre-developed condition, if need be. As noted earlier, if allowed by the Wetland Biologist, some stormwater treatment may occur within the wetland buffer prior to continued discharge to the wetland(s) themselves.

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

No, stormwater treatment is required pursuant to the SRSM. All future runoff will be treated in the catchment area before discharge. Waste generated on site will be discharged via public sewer.

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

Yes, however, pre-developed flows are expected to continue to discharge in the manner that they exist today to downstream properties. The drainage patterns being affected are due to the construction of roads, alleys and homesites.

- d. PROPOSED MEASURES to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any.

As noted previously, the project will be developed following the requirements for stormwater as outlined in the SRSM. Additional measures, if any, will be added if required during the design and approval process with the City of Spokane and any other affected agencies. Please see the concept storm report for more information.

4. Plants

- a. Check the type(s) of vegetation found on the site:

Deciduous trees: alder maple aspen

Other:

Evergreen trees: fir cedar pine

Other: Answer

shrubs grass pasture crop or grain

orchards, vineyards or other permanent crops

Wet soil plants: cattail buttercup bullrush skunk cabbage

Other: Answer

Water plants: water lily eelgrass milfoil

Other: Answer

Any other types of vegetation:

Answer

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

At the present time it would be expected that all onsite vegetation would be removed where required or applicable.

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

A review of the Fish and Wildlife Map on IPaC identified Spalding's catchfly in the vicinity of the project site. There are 10 plant species listed in Washington. Of these, none are found on site; however, Spalding's catchfly has habitat that covers this region.

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

Drainage areas will be vegetated per standards to provide treatment and street trees are required. Street trees will be added as required, however, some allowances for the town homes and narrow rear loaded lots will need to be made as they will not meet the City's street tree standards due to front-lot width of the alley-loaded townhomes.

- 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 known to be on or near the site. As the site is expected to be cleared, all noxious or invasive species if found will be removed and handled in the appropriate manner.

5. Animals

- a. Check and 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: hawk heron eagle songbirds

Other:

Mammals: deer bear elk beaver

Other: *Big brown bat, Townsend's big-eared bat*

Fish: bass salmon trout herring shellfish

Other:

Any other animals (not listed in above categories): Answer

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

A review of the WDFW PHS and U.S. Fish and Wildlife IPaC Maps did not reveal any critical habitat. There are 21 animal species listed in Washington. Of these, none are found on site; however, the following have habitat that covers this region: yellow-billed cuckoo, bull trout and monarch butterfly (candidate species). While bull trout have been rarely observed in the Spokane River, stormwater is not proposed to discharge into the Spokane River or its tributaries to affect bull trout habitat. The WDFW PHS also indicates the presence of mule deer, big brown bat, and Townsend's big-eared bat. The precise habitat of both the big brown bat and Townsend's big-eared bat is obfuscated to the township level to protect both species from human interference, and their exact locations are unknown. Please note that the entirety of Township 26, Range 42; Township 25, Range 42; and Township 25, Range 43 is within masked

habitat for one or more of the following state sensitive vesper bats: big brown bat, Townsend's big-eared bat, and Yuma myotis.

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

The City of Spokane is part of the Pacific Flyway migration route. An online review of the U.S. Fish and Wildlife IPaC map indicates that bald eagle, Cassin's finch, Lewis' woodpecker, olive-sided flycatcher and Rufous hummingbird may transit through the area.

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

As this will be a highly urbanized development inside the Urban Growth Boundary, no preservation or enhancement will be provided that may lure wildlife from their habitat into the UGA.

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

There are no invasive animal species known to be on or near the site.

6. Energy and natural resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Electricity and natural gas (if allowed) will be made available to each home site for heating, air conditioning and lighting of the houses. Additionally, solar, wind, and other sources of power would be available if installed by residents, or as required by a changing energy code.

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

The homes will be 35' max height or as allowed by code which should not affect solar energy collection by neighboring parcels.

- 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:

At this time none are proposed beyond those required by current city, state, county, and national energy codes.

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.

As this is a residential development, large volumes of chemicals are not anticipated to be stored onsite. No additional health hazards are anticipated with this project.

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

There are no special emergency services that would be required for this residential development project beyond those anticipated for the RSF zone.

- (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 known existing hazardous chemicals or conditions that might affect project development and design.

- (3) Describe any toxic or hazardous chemicals/conditions that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

No chemicals or fuels are proposed to be stored onsite during development or construction.

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

There are no special emergency services that would be required for this residential development project.

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

No measures are proposed to reduce or control environmental health hazards, beyond those included within the respective City Permit.

b. NOISE:

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

Residential levels of noise have been observed from the surrounding development, and there is a train track to the east of the site that is currently in use. These levels of noise are not anticipated to affect the project. At this time, we do not believe the project is near a Railroad crossing required for "horn" or "whistle" warnings.

- (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.

In the short term, noises from construction equipment for both land disturbing and blasting activities as well as from building construction. Long term noise would be typical traffic and occupant noises associated with residential areas such as lawn maintenance activities, kids, pets, etc. Construction noise is anticipated to occur during daylight hours.

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

Construction will be restricted to hours allowed by code.

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 project site is currently vacant land and large-lot residences. Adjacent properties include parkland to the northeast; single-family residences to the east, south, and northwest; and vacant land to the west.

- 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?

A portion of the project site was used as pasture for cattle as recent as the 1970s.

- 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:

The project is not anticipated to be affected by or have an effect on farm or forestry operations.

- c. Describe any structures on the site.

There are six single-family residences and several outbuildings onsite.

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

The project site contains approximately six single-family residences and approximately 11 outbuildings, which will be demolished in addition to any existing septic tanks or sewer lines.

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

The current zoning classification of the site is RSF.

- f. What is the current comprehensive plan designation of the site?
The current comprehensive plan designation of the site is Residential 4-10.
- g. If applicable, what is the current shoreline master program designation of the site?
There is no current shoreline master program designation of the site.
- h. Has any part of the site been classified as a critical area by the city or the county? If so, specify.
The site contains one wetland, and another wetland is located within 200 ft of the project site. The preliminary plat and LIDAR identified slopes exceeding 30%.
- i. Approximately how many people would reside or work in the completed project?
The site is expected to serve approximately 2,662 (782*2.7+220*2.5) people.
- j. Approximately how many people would the completed project displace?
Approximately 12 people are anticipated to be displaced with the completed project, via sale of homes.
- k. Proposed measures to avoid or reduce displacement impacts, if any:
There are no measures proposed to avoid or reduce displacement impacts, as none are anticipated.
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
The project will be approved and developed in accordance with the applicable City codes and standards for residential development, streets, and utilities and the subsequent conditions of approval.
- m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:
There are no proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance.
- 9. Housing**
- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.
Approximately 1,002 additional middle-income housing units are proposed to be provided with this project.

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

All 6 existing single-family mid to high type residences and associated outbuildings are anticipated to be removed with this project.

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

The PUD overlay includes a minimum of 10% open space as required by the Spokane Municipal Code. The removed single-family residences will be replaced with additional single-family residences.

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?

Maximum height as allowed by code, 35'. Exteriors may be one of the following or a combination: wood, brick, aluminum, lap siding (wood/concrete/vinyl) with cultured or natural stone, windows, doors, asphalt shingles or metal roofing, those materials common to house construction within the Spokane Region.

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

Localized street level views of the site from adjacent residences would be altered with development.

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

Street trees and market-based home construction as to facade look, color, and texture. A landscape plan has been prepared and is included in the PUD application.

11. Light and Glare

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

The development will be illuminated at night consistent with City of Spokane zoning codes and standards. It should be expected that several streetlights will be added as well as additional porch and driveway lights, all to residential scale and levels.

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

Light or glare generated on the project site is not anticipated to be a safety hazard or interfere with views.

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

There are no offsite sources of light or glare that would affect the project.

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

The project will be landscaped, and light produced from the finished residences will be at residential levels.

12. Recreation

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

Grandview, Stirling and Whittier parks, the Fish Lake Trail, the Finch Arboretum, and the Indian Canyon Golf Course are all opportunities within the immediate and general area.

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

No, this project will not displace any existing recreational uses at this time.

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

There are no proposed measures to reduce or control impacts to recreation.

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 located on or near the site? If so, specifically describe.

A review of the DAHP WISAARD and a Cultural Resource Survey prepared for this project did not reveal any properties onsite that are eligible for national, state, or local preservation registers.

- 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 visible signs of landmarks, features, or other evidence of Indian or historic use or occupation on or near the site, a Cultural Resource Survey dated November 29, 2022, has been prepared, submitted and accepted by DAHP under DAHP project number 2022-09-06426. A copy has been placed in the project file.

- 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 archaeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

GIS data from WISAARD was used to assess the potential impacts to cultural and historic resources on or near the project site. In anticipation of the DAHP comment that the project site is within the base layer, a

Cultural Resource Study has been completed at the time of this writing, dated November 29, 2022. No historic or cultural resources were found. An inadvertent discovery plan will be prepared noting that during construction, if any artifact or human remains are discovered the project will stop in that area, and the City and owner will be notified.

- 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.

There are no proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance of resources beyond following local, state, and federal laws, which may include an inadvertent discovery plan as this project is in the City of Spokane Urban Area.

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.

This site is served by Thorpe Road and 41st Avenue.

- b. Is 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.

No, the site is approximately 3.1 miles from the nearest transit stop, Sunset @ Rustle for STA Routes 60 and 61.

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

Each residence will have at minimum two garage spaces and two driveway spaces for a total of 4,008 (1,002*4) designated parking spaces in addition to street parking. No formal spaces will be eliminated.

- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

This project will construct seven north-south public roads, 10 public alleys and 18 public east-west roads. Additionally, the project will construct offsite improvements to 40th Avenue, San Diego Road and 41st Avenue; frontage improvements on Thorpe Road; a pedestrian crossing on Thorpe Road adjacent to Westwood Lane; and a left turn at Tunis and Thorpe.

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

Although the property is nearby a railroad, this project will not use water, rail, or air transportation. The site is not subject to any request that would allow a siding.

- 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 non-passenger vehicles). What data or transportation models were used to make these estimates? (Note: to assist in review and if known, indicate vehicle trips during PM peak, AM Peak, and Weekday (24 hours).

Per the trip generation and distribution letter, this project is anticipated to generate 600 AM peak hour trips, 817 PM peak hour trips, and 8,328 ADT.

- 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, general describe.

This project is not anticipated to interfere with, affect or be affected by the movement of agricultural or forest products on roads or streets in the area. As part of the project site grading, the site will be cleared.

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

This project anticipates that there may be offsite mitigation on 40th Avenue, San Diego Road and 41st Avenue to improve the streets to fire access standards. Aside from offsite improvements to 40th Avenue, San Diego Road and 41st Avenue; frontage improvements on Thorpe Road; a pedestrian crossing on Thorpe Road adjacent to Westwood Lane; and a left turn at Tunis and Thorpe, there are no proposed measures to reduce or control transportation impacts other than participating in the City of Spokane's impact fee ordinance. For other traffic impacts, if any, refer to the Transpo Traffic Report/Study and conditions from that study, which was ongoing with agency review at time of this writing.

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.

No, this project will result in an increased need for public services; however, the demand for services are not anticipated to increase beyond an acceptable level as anticipated by the Comprehensive Plan.

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

There are currently no proposed impacts beyond following requirements and regulations of municipal or state code.

16. Utilities

a. Check utilities currently available at the site:

electricity natural gas water refuse service

telephone sanitary sewer septic system

Other: Answer

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:

Sewer and water will be provided by the City of Spokane.

Electricity and natural gas will be provided by Avista.

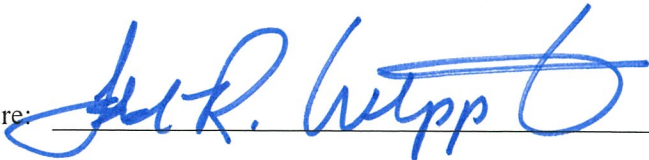
Telephone will be provided by Centurylink.

Refuse services will be provided by the City of Spokane.

C. SIGNATURE

I, the undersigned, swear under penalty of perjury that the above responses are made truthfully and to the best of my knowledge. I also understand that, should there be any willful misrepresentation or willful lack of full disclosure on my part, the *agency* must withdraw any determination of Nonsignificance that it might issue in reliance upon this checklist.

Date: 2/15/24

Signature: 

Please Print or Type:

PROJECT PROPONENT:

Name: Todd R. Whipple

Address: 21 S. Pines Rd.

Phone: (509) 893-2617

Spokane Valley, Wa 99206

CHECKLIST PERPARER (If different from proponent):

Name: Preparer Name

Address: Preparer Street Address

Phone: (509) 123-4567

Preparer City, State, Zip Code

FOR STAFF USE ONLY

Staff member(s) reviewing checklist: Staff Name

Based on this staff review of the environmental checklist and other pertinent information, staff concludes that:

- A. There are no probable significant adverse impacts and recommends a Determination of Nonsignificance.
- B. Probable significant adverse environmental impacts do exist for the current proposal and recommends a Mitigated Determination of Nonsignificance with conditions.
- C. There are probable significant adverse environmental impacts and recommends a Determination of Significance.