



# KITITAS COUNTY

## DEPARTMENT OF PUBLIC WORKS

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### MEMORANDUM

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TO: Doc Hansen, Community Development Services

FROM: Christina Wollman, Planner II *CW*

DATE: November 14, 2012

SUBJECT: Sasse Ridge Plat LP-11-00002

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**The following shall be SEPA mitigation items:**

1. Geotechnical: This proposed subdivision is located on an identified landslide. Prior to final plat approval, the applicant shall conduct additional geotechnical analysis to better understand the site conditions and projected impacts of the proposed development on the identified landslide area. Results of this additional analysis may result in changes to the plat layout, including changes to the number of lots, location of internal access roads, location of septic drain fields, location of stormwater facilities, and other site elements. The analysis shall include a report indicating subsurface condition through subsurface exploration and appropriate analysis indicating overall stability.
2. Final Design: If the final design of the project changes because of geotechnical constraints or other reasons, the project will be re-evaluated for road construction requirements. Alterations to these requirements will be discussed and agreed upon by Public Works and the applicant.
3. Stormwater: On-site stormwater management that conforms to the specifications of the most current version of the Stormwater Management Manual for Eastern Washington is required of this development. Stormwater systems shall be designed to store stormwater generated by a 24-hour, 25-year storm event. Stormwater system designs shall be prepared and stamped by a civil engineer licensed in the State of Washington. The stormwater system design shall be presented for review to Public Works prior to final approval. The stormwater system construction shall be certified by a licensed engineer. The certification shall be included with the road certification and is required prior to the issuance of a building permit. Stormwater plans shall be submitted in accordance with KCC 12.06 and 12.08.

4. Grading Plan: A grading plan prepared by an engineer licensed in the state of Washington shall be presented to Public Works prior to final approval. Depending on the amount of fill to be removed from the site, a haul route and road condition analysis may be required prior to approval of the grading plan. The grading plan shall be submitted in accordance with KCC 12.08.

**The following shall be conditions of preliminary approval:**

1. Timing of Improvements: This application is subject to the latest revision of the Kittitas County Road Standards, dated 9/6/05. The following conditions apply and must be completed prior to the issuance of a building permit for any of the structures within this plat. A Performance Bond or acceptable financial guarantee may be used, in lieu of the required improvements, per the conditions outlined in the current Kittitas County Road Standards.
2. Private Road Certification: Private roads serving any of the lots within this development shall be inspected and certified by a licensed professional engineer for conformance with current Kittitas County Road Standards, 9/6/05 edition. Kittitas County Public Works shall require this road certification to be completed prior to the issuance of a building permit for any of the structures within the proposed plat.
3. Private Road Improvements: Access shall be constructed to meet or exceed the conditions of a High-Density Private Road that serves 15-40 tax parcels. See current Kittitas County Road Standards, 9/6/05 edition.
  - a. Access easements shall be a minimum of 60' wide. The roadway shall have a minimum width of 22', with 1' shoulders, for a total width of 24'.
  - b. Minimum centerline radius shall be 60'.
  - c. Surface requirement BST/ACP.
  - d. Maximum grade is 12%.
  - e. Stopping site distance, reference AASHTO.
  - f. Entering site distance, reference AASHTO.
  - g. Maintenance of driveway approaches shall be the responsibility of the owner whose property they serve. The County will not maintain accesses.
  - h. Any further subdivision or lots to be served by proposed access may result in further access requirements.
  - i. All roads located within this development or roads that provide access to this development shall be constructed to current county road standards unless any other maintenance agreements, forest service road easements or state easements require higher road standards. The higher of the road standards shall apply.

- j. All easements shall provide for AASHTO radius at the intersection with a county road.
  - k. A paved apron shall be constructed at the intersection of the proposed private intersection and the county road right-of-way.
4. Temporary Cul-de-Sac: No more than two lots can be served off a cul-de-sac. Prior to final approval, individual lot accesses shall be determined to ensure the temporary cul-de-sac is placed appropriately.
5. Cul-de-Sac: A cul-de-sac turn-around having an outside right-of-way or easement diameter of at least 110 feet shall be constructed at the closed end of all dead-end roads serving 3 or more lots. The driving surface shall be at least 96 feet in diameter. Cul-de-sacs must also conform to the requirements specified by the 2009 International Fire Code. Contact the Fire Marshal regarding any additional cul-de-sac requirements.
6. Joint-Use Driveway: A joint-use access shall serve no more than two tax parcels. See Kittitas County Road Standards, 9/6/05 edition.
- a. Access easements shall be a minimum of 20' wide. The roadway width shall have a minimum width of 12'.
  - b. The surface requirement is for a minimum gravel surface depth of 6".
  - c. Maintenance of driveway approaches shall be the responsibility of the owner whose property they serve. The County will not maintain accesses.
  - d. Any further subdivision or lots to be served by proposed access may result in further access requirements.
- Single-Use Driveway: A single-use access shall serve no more than one lot. See Kittitas County Road Standards, 9/6/05 edition.
- a. The roadway shall be a minimum of 8' wide with gravel surface.
  - b. Maintenance of driveway approaches shall be the responsibility of the owner whose property they serve. The County will not maintain accesses.
  - c. Any further subdivision or lots to be served by proposed access may result in further access requirements.
7. Private Road Maintenance Agreement: The applicant shall meet all applicable conditions of any pre-established or required Private Road Maintenance Agreements.
8. Lot Closure: It is the responsibility of the Professional Licensed Surveyor (PLS) to ensure the lot closures are correct and accurate.

9. Access Permit: An approved access permit shall be required from the Department of Public Works prior to creating any new driveway access or performing work within the county road right of way.
10. Addressing: Contact the Kittitas County Rural Addressing Coordinator at (509) 962-7523 to obtain addresses prior to obtaining a building permit. A parcel cannot receive a building permit or utilities until such parcel is identified with a 911 address.
11. Fire Protection: Contact the Kittitas County Fire Marshal regarding any additional access requirements for Emergency Response.
12. Mailbox Placement: The U.S. Postal Service requires that private roads with 6 or more residences install USPS approved Cluster Box Units (CBUs) at a safe location at the mouth of the private road. Contact your local Post Office for location and additional design requirements before beginning construction.