

March 8, 2018

Curleigh Carothers
City of Camas
Engineering Manager
616 NE 4th Ave.
Camas, WA 98607

RE: Green Mtn. Mixed Use PRD Phase 3 – Sight Distance Certification

Dear Curleigh,

This letter addresses the minimum sight distance requirements for the proposed Green Mtn. Phase 3 site entrance at the intersection of the future Road "A" and NE Ingle Road. NE Ingle Road is classified as a 3 Lane Collector / Arterial with a posted speed limit of 50 mph north of the proposed intersection. The speed limit south of the intersection has just recently been reduced and reposted to 40 mph. The corresponding required sight distance for this intersection along NE Ingle Road, from the intersection with future Road "A", is 500 ft. in the north direction and 400 ft. in the south direction. A more conservative sight distance of 500 ft. was measured in the south direction even though the speed limit has recently been reduced. Refer to the attached Road "A" Sight Distance Exhibit.

The sight distances in both north and south directions were measured during site visits on September 4, 2014 and March 8, 2018. The sight distance to the north is currently obscured by vegetation located within the existing ROW on the east side of NE Ingle Road. With the vegetation removed, the sight distance in the north direction would be at least 500 ft. and, therefore, meet the requirements. The sight distance in the south direction is obscured by both vegetation and existing topography within the project boundary. With proposed site grading completed and vegetation removed, the site distance in that direction would be at least 500 ft. and, therefore, exceed the requirements. These intersection sight distance measurements were based on an eye-level height of 3.5 ft. above the road surface at a location 15 ft. from the edge of the uncontrolled public road to an object height of 4.25 ft. on the uncontrolled public road.

If you should have any questions in regards to this Sight Distance Certification, please contact me either by email at richp@olsonengr.com or telephone at (360) 695-1385.

Sincerely,



Richard W. Prouse, P.E.
Project Engineer



Attached: Green Mountain Phase 3 Road "A" Sight Distance Exhibit

3/8/18

