The purpose of this preliminary intersection sight distance study is to verify that the intersection design provides adequate stopping sight distance for driver safety. The distances of sight along the proposed ellipse loop are shown at the locations shown, assuming a height of 3.5 feet for the drivers' eye level. The minimum stopping sight distances for various design speeds are shown in the table below.

<table>
<thead>
<tr>
<th>Minimum Recommended Stopping Sight Distances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicle Speed</td>
</tr>
<tr>
<td>----------------</td>
</tr>
<tr>
<td>25 MPH</td>
</tr>
<tr>
<td>40 MPH</td>
</tr>
<tr>
<td>50 MPH</td>
</tr>
<tr>
<td>55 MPH</td>
</tr>
</tbody>
</table>

Note: Recommended distances are from Coos County Public Works based on AASHTO (2011) and A Policy on Geometric Design of Highways and Streets.
MAP OF CONCEPTUAL HOME SITE AND DRIVEWAY LOCATIONS
FOR "RUSSELL ROAD ESTATES"
A PROPOSED SUBDIVISION SITUATED IN THE S1/2 OF SEC. 9 AND THE
NW1/4 OF SEC. 16, T.35S., R.6W., W.M., JOSEPHINE COUNTY, OREGON.
(MAP 35-6-9, TL's 700, 1400 & 1401 & MAP 35-6-16B, TL's 100 & 200)

MINIMUM ACCESS SPACING
(PER CHAPTER 206.3 OF JO. CO. PUBLIC WORKS)
DESIGN & CONSTRUCTION STANDARDS

<table>
<thead>
<tr>
<th>SPEED</th>
<th>INTERSECTION TO DRIVEWAY TO DRIVeway TO DRIVEWAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>200 FEET</td>
</tr>
</tbody>
</table>

LEGEND

- CONCEPTUAL HOUSE
- CONCEPTUAL DRIVEWAY AND EMERGENCY VEHICLE TURN-AROUND TO BE CONSTRUCTED TO SECTION 18.76.040 STANDARDS.
- PRIMARY FIRE SAFETY ZONE (P=50) TO EXTEND 50' IN ALL DIRECTIONS FROM STRUCTURES

CONCEPTUAL HOME SITE AND DRIVEWAY LOCATIONS

PREPARED FOR:
JOHN WEST
116 CAMBRIDGE DRIVE
GRANTS PASS, OR 97526
PH: 541-660-9541

GERALD V. NORDEN, PLS
523 BARKER DRIVE
MERLIN, OR 97532
PH: 541-476-7034

DATE: SEPTEMBER 16, 2019
SCALE: 1" = 200'