

March 19, 2020

Ralph Henderson, PE
Mackenzie
PO Box 14310
Portland, OR 97293

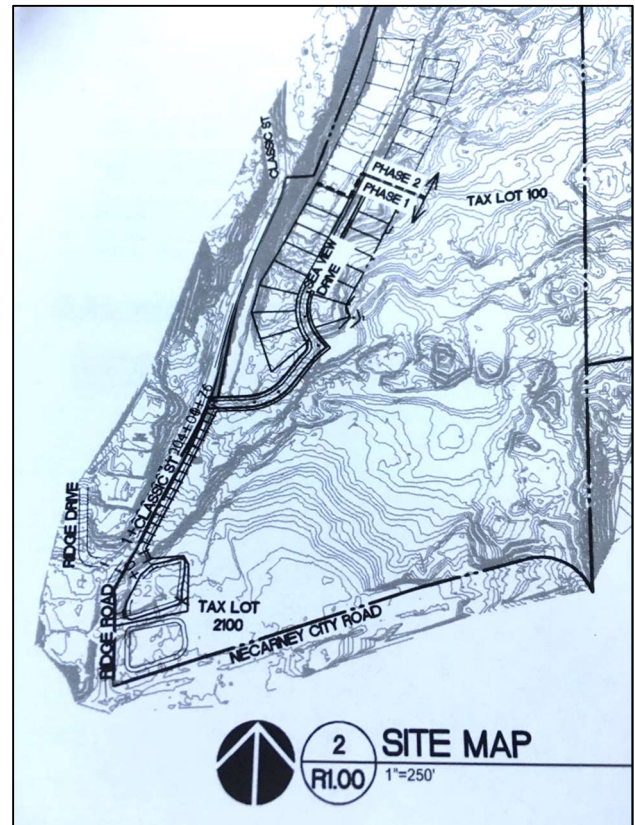
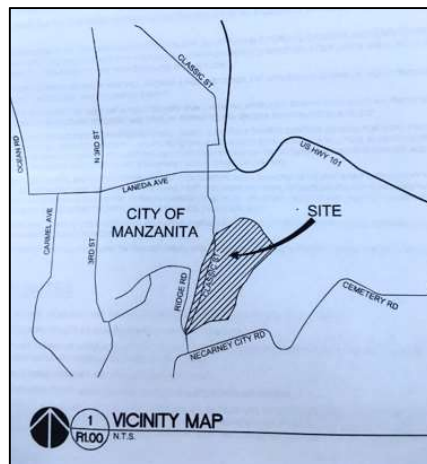
**Re: City of Manzanita (PWS ID #00505) Pacific Dunes #8 Subdivision – PH I
Conditional Approval - PR #38-2020**

Dear Mr. Henderson,

Thank you for submitting plans for the Pacific Dunes #8 Subdivision – Phase I located in Manzanita, OR. The plans, \$3,300 review fee payment, land use form and findings, and project specifications were received March 12, 2020.

The project involves waterlines and appurtenances to support a new subdivision with 29 residential lots wholly within the City limits of Manzanita near the vicinity of Classic Street and Necarney City Road as shown in the site map below. The project will be completed in 2 phases: Phase I will include 15 lots and approximately 1,600 LF of street and utility work and Phase 2 will include 14 lots. Lot sizes range from 5,200-sq ft to 8,868-sqft. The remainder of Tax Lot 100 may be developed a later time.

Phase I calls for the installation of roughly 1,600 LF of 8" diameter AWWA C-900/905 PVC waterline within public right-of-way to serve lots 1-15.



The project is approved for construction as shown in the submitted plans, provided the following conditions are met:

1. Air valves are placed at high elevations per OAR 333-061-0050(8)(i):
 - (i) Air-relief valves shall be installed at high points where air can accumulate. The breather tube on air-relief valves shall be extended above ground surface and provided with a screened, downward facing elbow;
2. The design ensures 20 psi to be maintained at all service meters per OAR 333-061-0050(8)(e).
 - (e) Distribution piping shall be designed and installed so that the pressure measured at the property line in the case of Community water systems, or at the furthest point of water use, in the case of a TNC of the type described in subsection (d) of this section, shall not be reduced below 20 psi;

When the project is complete, please respond if the project was completed as planned and according to the conditions listed above. Correspondence may be in the form of a letter, via e-mail, or using our check list we will mail to you in about 6 months. Written correspondence should reference plan review #38-2020 and water system ID #00505 and can be either e-mailed to me at evan.e.hofeld@state.or.us or mailed to:

Attn: Evan Hofeld
OHA-Drinking Water Services
PO Box 14450
Portland, OR 97293-0350

Until we receive verification that the project was completed with the conditions listed above met and we have granted Final Approval for the project, the waterlines are not approved for use. If you have any questions or would like this information in an alternate format, please feel free to contact me at any time at 971-673-0419 or via e-mail at evan.e.hofeld@dhsosha.state.or.us.

Sincerely,



Evan Hofeld, Regional Engineer
Oregon Health Authority – Drinking Water Service

Cc: Dan Weitzel, Manzanita Water Department