Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 12/11/17

Farrell Tree Survey
Lot 17 Diamond Cove

Date:

September 15, 2017

Methodology:

A complete tree survey was done for the entire lot 17 as required by City of Portland . Each tree in excess of 4" DBH was surveyed, located using GPS coordinates, measured, the basal area was calculated and the condition of the tree was noted using the US Department of Agrriculture designation of AGS/UGS (Acceptable Growing Stock/Unacceptable Growing Stock). Other unique characteristics of the tree were also noted (see attached data table). Each tree was tagged with a temporary marker and numbered to correspond to the attached report which will remain through construction and inspections.

Results:

The Basal Area (sq ft) of the entire lot, including all AGS and UGS specimens was 110.7. Based on the location of the home and the proposed septic field, ***and including*** a 30' buffer around the home as recommended by the Mane Forest Service and the Firewise organization (see attached), there will be 12.3 sq ft (basal area) removed during construction. In addition, it is estimated that a number of other smaller trees with UGS designations will be removed to enhance the health of the stand and the other AGS specimens on the lot. We estimate a total not to exceed 5 sq ft of basal areas for these UGS specimens. There will be no clearing of any live specimens (AGS or UGS) within the 75' setback from the shoreline. Consequently, the total trees cleared will have a basal area of 17.3 sq ft or 15.6% of the total trees on the lot exceeding 4" DBH.