







FIGURE E-13-YP
Residential Area F-2
Yadon's Piperia Occurrence
and Disturbance Areas

Legend

-  Yadon's Piperia (Patch/Individual)
-  Limits of Disturbance
-  Yadon's Piperia (Undisturbed) 1.51 ac.
-  Yadon's Piperia (Disturbed) 0.41 ac.

Total 1.92 ac.

Note: Area of piperia occurrence at Area F-2 was determined as follows. The piperia areas shown on this figure include all of the forested areas within 50 feet of piperia patches mapped based on the 2004 surveys. The 50-foot distance was measured from the outer perimeter of the 2004 survey polygons. Where the 2004 survey identified a single individual, a 50-foot radius around the surveyed point was used. Areas of non-habitat were excluded from the resultant occurrence layer, including roads, trails, wetlands and developed areas. The occurrence area was mapped using a 50-foot distance to (1) roughly represent the contiguous area of occupied piperia habitat, (2) include areas where piperia may be present but not expressed above ground, (3) include areas where individual piperia might have been missed in the 2004 survey, and (4) include areas where piperia are most likely to colonize naturally, if such colonization were to occur. The 50-foot distance was selected after mapping iterations of several different distances indicated that this distance eliminated most of the small occlusions between dense concentrations of piperia, while not including excessive areas of unoccupied surrounding forest. This occurrence area should not be considered a delineation of piperia habitat, but rather a conservative estimate of the occupied piperia habitat found in the surveys in the spring of 2004.

Data Sources: Piperia locations from the 2004 surveys and disturbance areas based on CADD layer data provided by WWD, 2004. Aerial base is a 2001 image, also provided by WWD. Aerial image and CADD data are reproduced with permission from the Pebble Beach Company. Occurrence area was mapped by Jones & Stokes using the methodology above.

