

Thierstein Passive Solar Residence II

Description: 3 Story on Slab, 3,100 SF

Location: Lot #5, Sunset Terrace, Yachats, OR

Cost: \$320,000

Completed: 1991



Thierstein Passive Solar Residence II

The Thierstein Residence II sits at the top of the 9 lot Sunset Terrace Subdivision in the small central coast town of Yachats, OR (population 800) overlooking the Pacific Ocean and surrounded by state forest land. It was designed to both capture magnificent ocean views up and down the coast sitting anywhere in either of the two octogon towers on on any of the three levels of ocean facing decks

The double octogon towers house the entry foyer, stairs, 2 person elevator and a small caretaker apartment on the 1st floor, the guest bedroom, laundry/ bathroom, kitchen, dining room and the living room on the 2nd floor and the music room, bathroom and master bedroom / bathroom on the 3rd floor. A one-car garage and a one car outdoor parking space and turn around was all that the small steep triangular building site would allow for in addition to the residence. The residence is heated by radiant electric picture panels and radiant electric octogon ceiling panels on each floor as only electricity is available in Yachats, OR. Yachats State Park and the City of Yachats are located just north of the Thierstein Residence and can just barely be seen in the background in the bottom left photo.

Building Attributes

- New Passive Solar Residence
- Superinsulated Building Shell
- Quad Pane Low-E Windows
- Radiant Slab Heating System
- Centrally Located Finnish Counterflow Masonry Fireplace
- Passive Solar Heating & DHW