

GreenSpace - Gunning Residence in Hermosa Beach, California

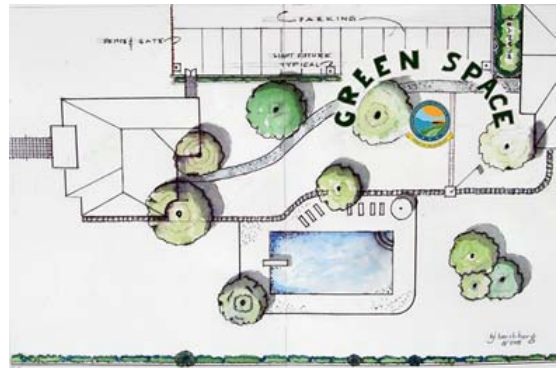
Designed by Robert Nebolon Architects

BY HOWARD HERSHBERG

This is the Gunning Residence in Hermosa Beach, California designed by Robert Nebolon Architects. The living room, kitchen and dining room are on the top story of the residence to provide great views and to take advantage of the sea breezes for natural cooling. The residence is an 1837 square foot house that exceeds the 2005 “Build It Green Guidelines” and performs 36% better than California’s Title 24 Standard Design for Energy Efficiency.

Green and sustainable features in this design include:

- The bedrooms are oriented on the second floor and the living spaces on the third floor toward the ocean to take advantage of natural cooling.
- The open staircase is capped with an operating skylight with thermostatic controls. Sea breezes flow through the windows and doors pushing warm air up through the stairwell and out through the operable skylight – chimney effect.
- The design used sustainable building components for the interior and exterior with high durability, low maintenance, and resistance to the ravages of salty marine air.
- The exterior finish combines stucco with galvanized pre-primed steel siding. The steel siding wraps the house on the south and west sides where the sun and wind are harshest. The stucco has integral color which eliminates the need to paint. Foil coated plywood within well insulated exterior walls and low E glass throughout the residence helps reduce heat gain.



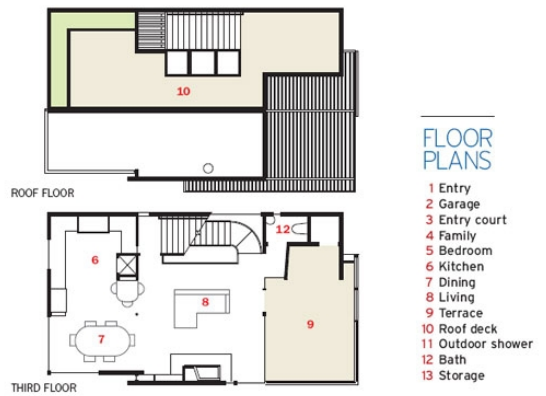
- The kitchen cabinets and teak floors were salvaged and reused from the original “beach cabin” that was demolished.
- A natural gas fueled hybrid hydronic system was used to provide heat and hot water.
- The house is wired for the future addition of a photovoltaic system.



- The site is a back lot accessed from a common alleyway. An existing beach house did not meet current seismic code requirements, did not meet California’s energy code and would have required costly modifications to obtain a building permit



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FLOOR PLANS

- 1 Entry
- 2 Garage
- 3 Entry court
- 4 Family
- 5 Bedroom
- 6 Kitchen
- 7 Dining
- 8 Living
- 9 Terrace
- 10 Roof deck
- 11 Outdoor shower
- 12 Bath
- 13 Storage