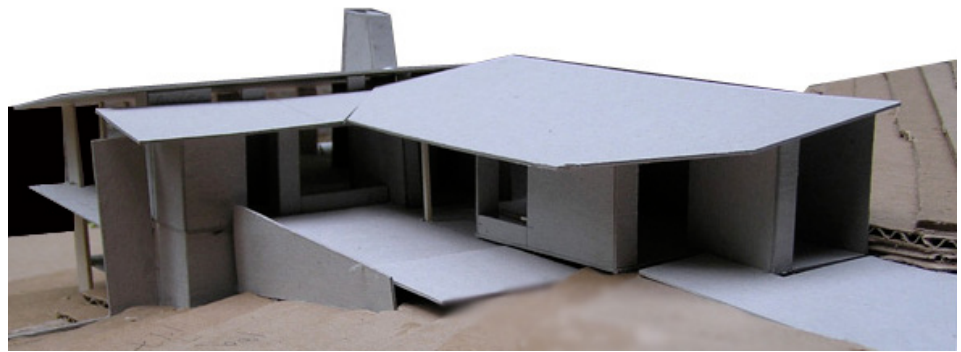
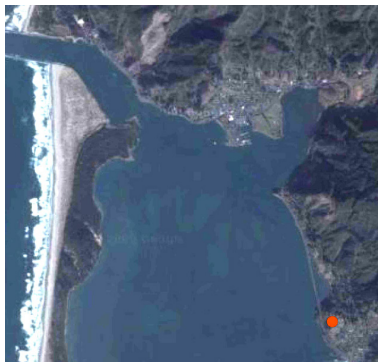


Bayridge Residence

2007 Bay City, Oregon



SITE & PROGRAM

The residence is to be located on a coastal bluff overlooking Tillamook Bay and the Pacific Ocean beyond. The house form creates a wind sheltered, private entry courtyard, along with indoor / outdoor terraces on the exposed site.

The exterior is designed to use concrete and other durable materials for the coastal climate. Internally, a timber post and beam framing system is to be constructed.

Building type: Private House

Project type: New Construction

Project scope: Design

Client: Private

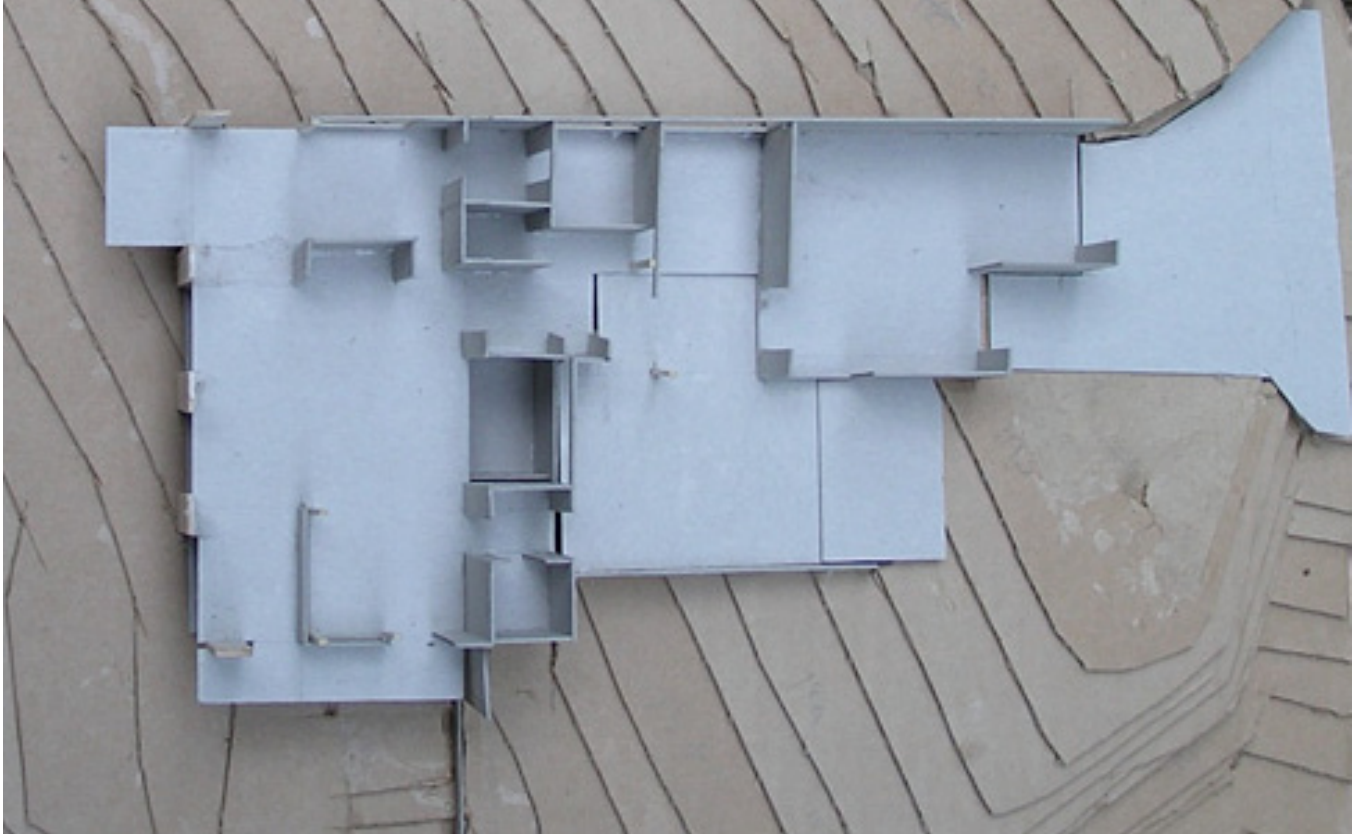
Size: 2265 SF Upper Level

1320 SF Lower Level

Schedule: Unbuilt

Bayridge Residence

2007- Bay City, Oregon



MATERIALS & CONSTRUCTION

The exterior wall framing is of standard 2 x 6 wood stud construction set at 24" spacings within the larger layout of a 4' structural planning module. The roof structure is also of standard lumber; using 2 x 12 rafters at 24" spacings. Engineered wood sections are used for the continuous headers in the wall construction. Exposed timber beams are used for the larger spans of the open plan areas, and the exposed columns are of locally sawn timber sections.

In addition to the views, most rooms receive daylight and ventilation from a minimum of two directions. All the fixed and operable windows and glass doors are of Douglas Fir with an extruded aluminum exterior cladding. Clear finished wood is used for all trim at the interior.

The external surfacing consists primarily of flat trowelled stucco over rigid insulation, with exposed wood structure and trim at the roof and porch construction, and metal roofing. A gas fired boiler and storage tank will provide for both the domestic hot water and for the hydronic radiant tubing system; located in the topping slab of the finished concrete floor. A wood stove is planned to provide supplementary heat.

