

Lone Juniper Residence

2006 Mancos, Colorado



SITE & PROGRAM

The project is located in southwest Colorado near the Four Corners area. The site approach is from the southeast following an existing road along a low ridge. The building opens to the panorama of views from the La Plata Mountains to Mesa Verde. This alignment also parallels the tracks of daylight and solar energy gain. The garage location helps to shelter the entry; while the living areas are arranged to form a terrace/ outdoor living area on the southeast side. The bedroom locations provide for smaller terraces on the east side facing the morning light and mountain views.

Building Type: Private Residence
Project Type: New Construction
Project Scope: Schematic Design to Construction Documents, partial Construction Consultation
Client: Private
Size: Main house 2150 SF, Garage 610 SF, Covered Exterior Area 860 SF
Geotech & Structural: Sundale Associates
Builder: D. Hobson Construction
Excavation & Foundation: J. Hershberger

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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 typical construction designed to use 2 x 18 wood I - truss rafters at 24" spacings. Engineered wood sections are used for the continuous headers in the wall construction. Exposed timber beams are used at the exterior and the exposed columns are of locally sawn timber sections.

In addition to the views, most rooms receive daylight and ventilation from two directions. All the fixed and operable windows and glass doors are framed with 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 soffits, roof and porch construction, and metal roofing. A gas fired boiler and storage tank provide for both the domestic hot water and for the hydronic radiant system; located in the topping slab of the finished concrete floor.

