



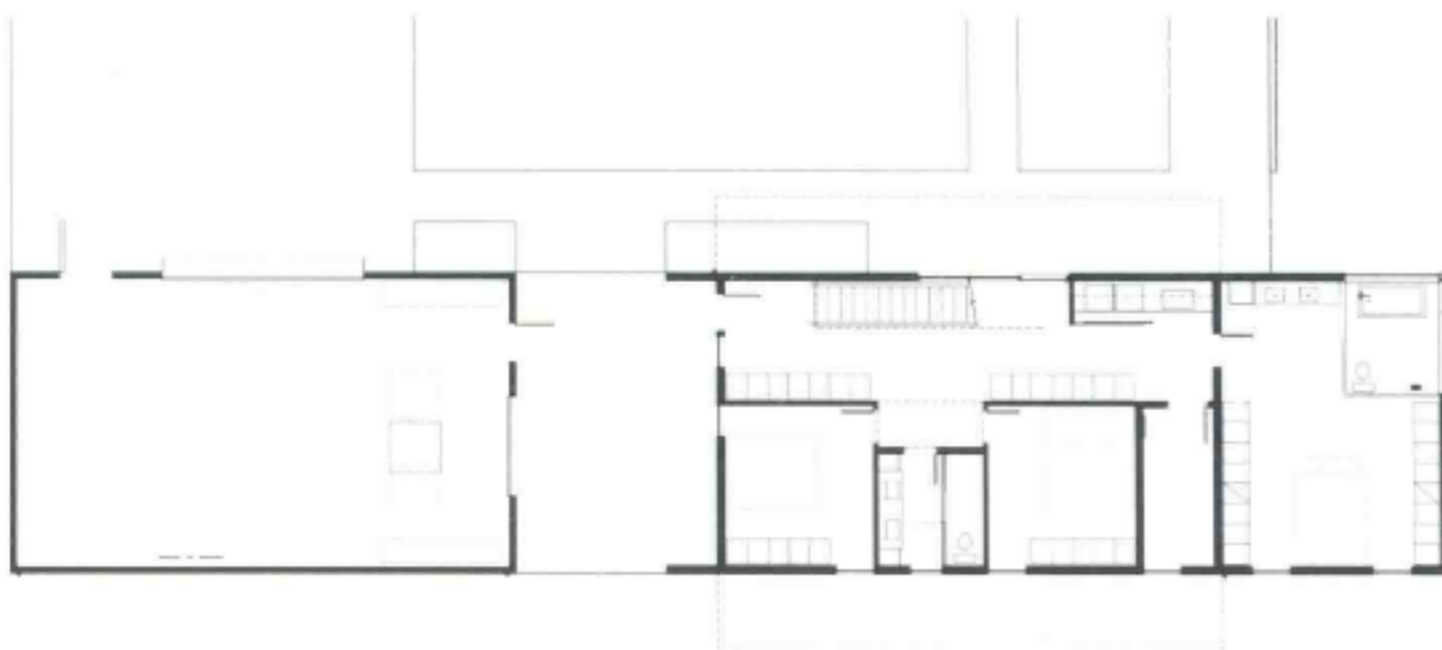
Driveway 入口车道

## Whitten House

This residence sits on a remote site composed of Sage & Juniper trees in Central Oregon. Conceived as two simple cubes in the landscape, one box for sleeping and one for living, the structure offers two distinct means of interaction with the landscape. The larger sleeping box is low & burrowed into earth, while the living box floats above, hovering just at treetop level. East & South orientations are exploited for views as well as passive solar orientation of the home.

Exterior materials were chosen for durability and fire resistance. All rainwater will be harvested & stored for landscaping or fire fighting purposes. The future pool will provide an additional margin of wildfire safety as a usable body of water on the remote site.

Evacuated tube solar water heaters will efficiently provide most of the heating for the home through in-floor radiant tubing. The building's narrow profile and extensive glazing combined with the region's low humidity allow for passive cooling of the home.



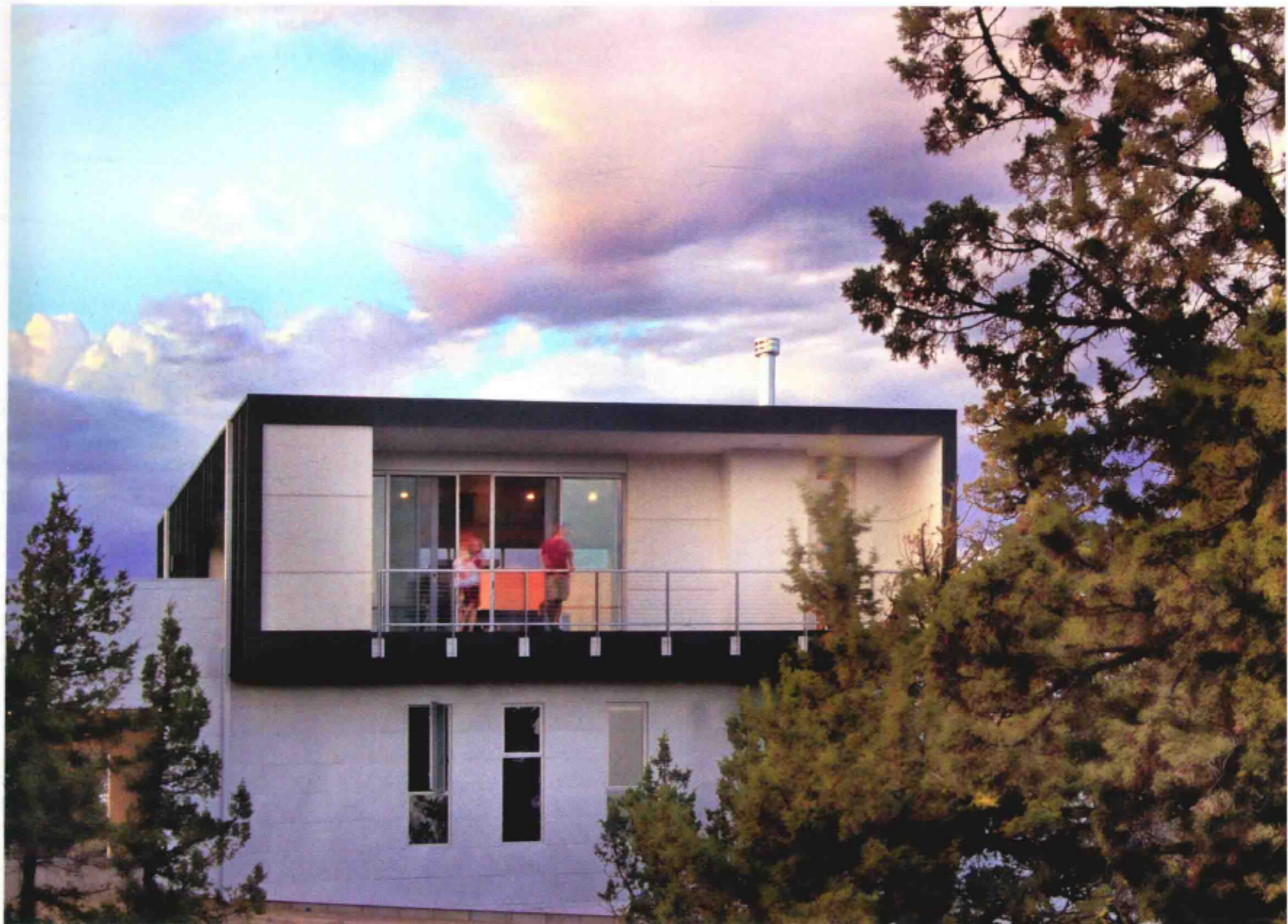
## 维顿住宅

住宅坐落在俄勒冈州中部一处偏远的松树林中，外部造型极为简单，一个盒状机构用于睡眠，另一个是起居空间。大的睡眠盒在下面，嵌入地面；而起居盒则悬在上面，和树顶同高。

建筑的外部材料具有耐久性且防火。所有的雨水都将被收集起来用作景观灌溉和消防用水。未来建成的水池将进一步保障建筑远离森林火灾，同时也可作为储备水。

太阳能加热器将通过室内热辐射管为住宅提供大部分的热能。建筑狭长的造型和大面积的玻璃窗与当地低湿的气候相结合，保证了住宅的被动式制冷。





建筑背面 Back view

Photo: Peter Jahnke

Residential



客厅 Living room



书房 Library

Design: PIQUE llc.

Completion Date: 2009