

AIA Architecture Week Home Tour 2010

AIA Phoenix Metro
architecture month
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[2] Bryne Residence

8915 East Jack Neville Drive in Scottsdale - 85262



The sculptural design concept of this residence is one of creating a metaphorical series of abstract 'canyon walls' and spaces that emerge as metaphoric geological gestures from the natural desert site. As such, the home's architectural precast concrete and metal clad frame wall elements will embrace the residence's main entry, living, and circulation/gallery spaces. Further, these walls will give focus to the angular geometry of the building's plan as it grows from the asymmetrical, tapering alignments of the 'canyon walls.' These elements in turn visually extend the design out into the undisturbed natural desert site thus creating interesting outdoor living spaces and courtyards.

The building's basic functional needs happen on two levels which integrate into the natural slope of the site's northeast corner. Placed as it is on the site the lower level will be buried into the grade with a primarily southwesterly view exposure. The angular orientation of the structure parallel to the natural site contours will enhance the home's 'fit' with the land while optimizing the distant view opportunities for all of the major main level living spaces. The tilted (leaning) non-vertical orientation of the 'canyon walls' of the architecture will serve further to dramatically frame the site's distant desert vistas.

The exterior material palette of the project will consist of tilt-up precast concrete panels with a rustic surface treatment made up of the sands, gravels, and aggregates of the site's existing desert pavement. The careful preparation of the building site prior to excavation will include stripping off the natural site cover and then 'seeding' the exterior architectural faces of the panels with these materials. The finished effect achieved will be such that these walls will appear to magically have just been 'folded up' from the surface of the landscape and thus they will totally blend with it.

In its scale, sculptural form, and material simplicity, it is hoped the Byrne Residence will become an organic architectural statement that blends with and enhances its unique desert setting!

Architect: will burder+PARTNERS
Contractor: Bill Byrne
Mechanical/Structural/Plumbing: Otterbein engineering
Structural Engineer: Brickley Rudrow and Berry
Electical Engineer: C.A. Energy Designs inc.
Interior Design: will bruder+PARTNERS
Photographer: Bill Timmerman

