









# Bushfire Exemplars

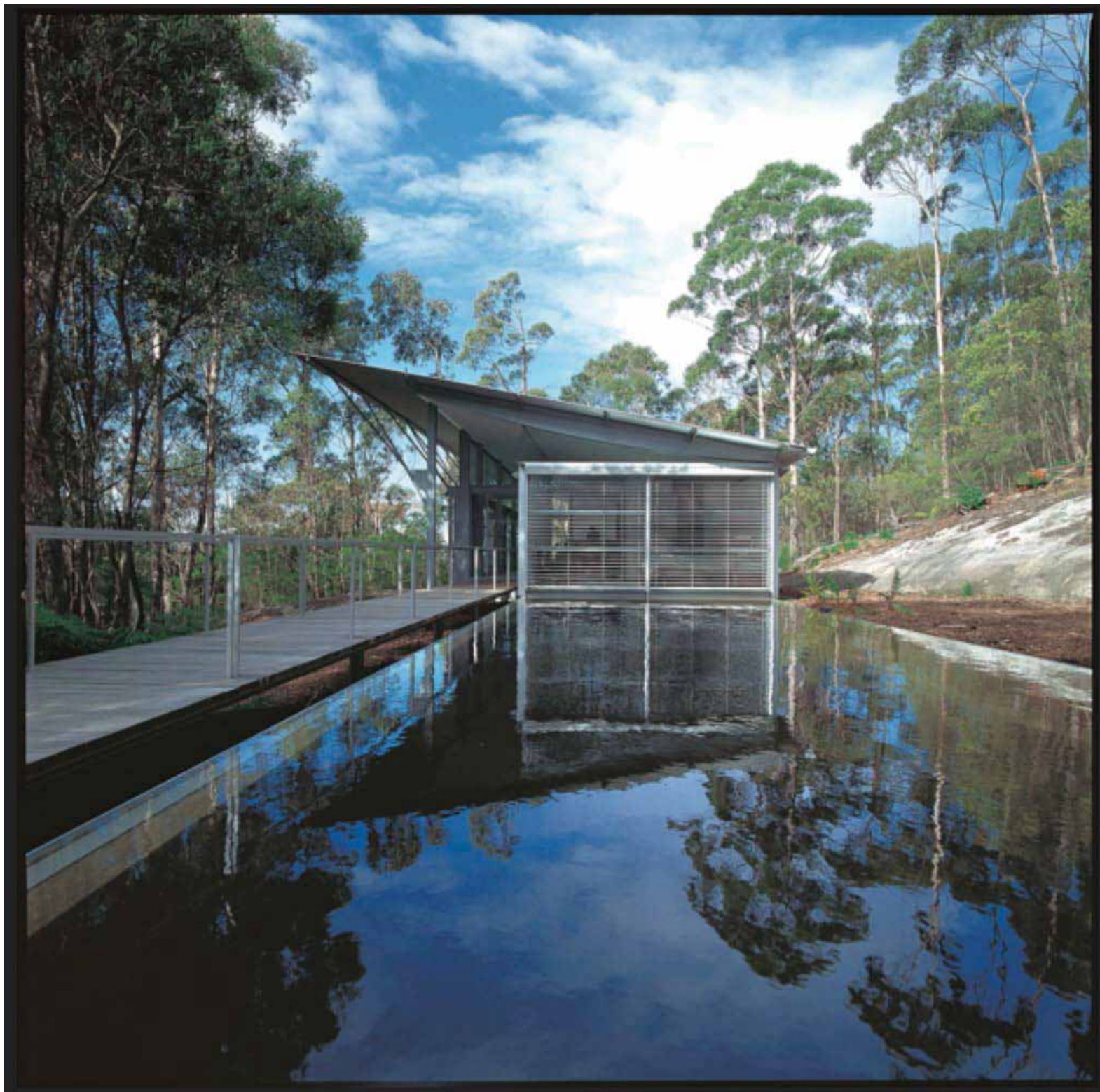
Great examples of bushfire  
Responsive architecture

Glenn Murcutt  
*Laurie Short House*  
Terrey Hills, NSW  
1976





Glenn Murcutt  
*Laurie Short House*  
Terrey Hills, NSW  
1976

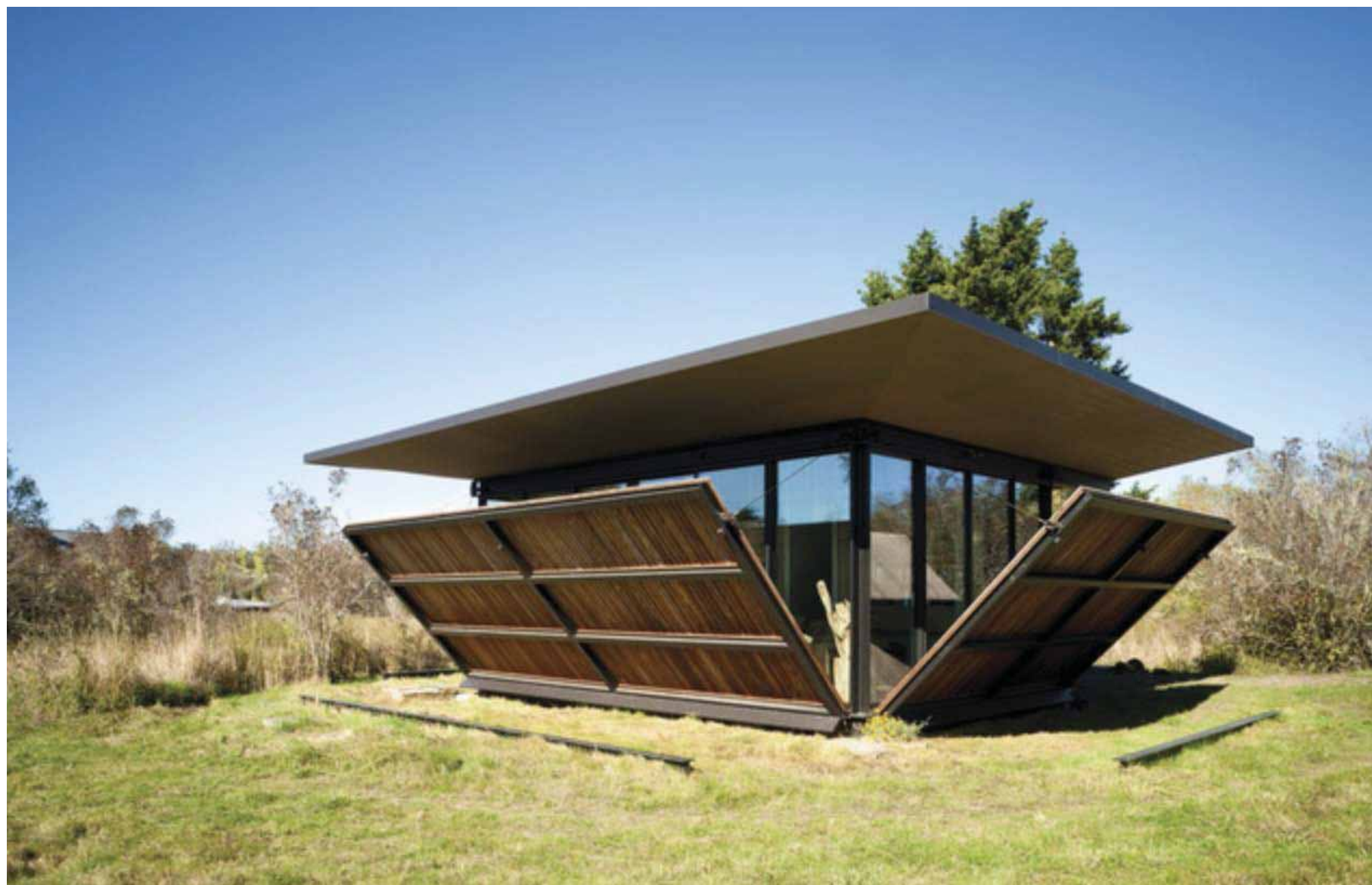


Glenn Murcutt  
Mt Wilson,  
1986

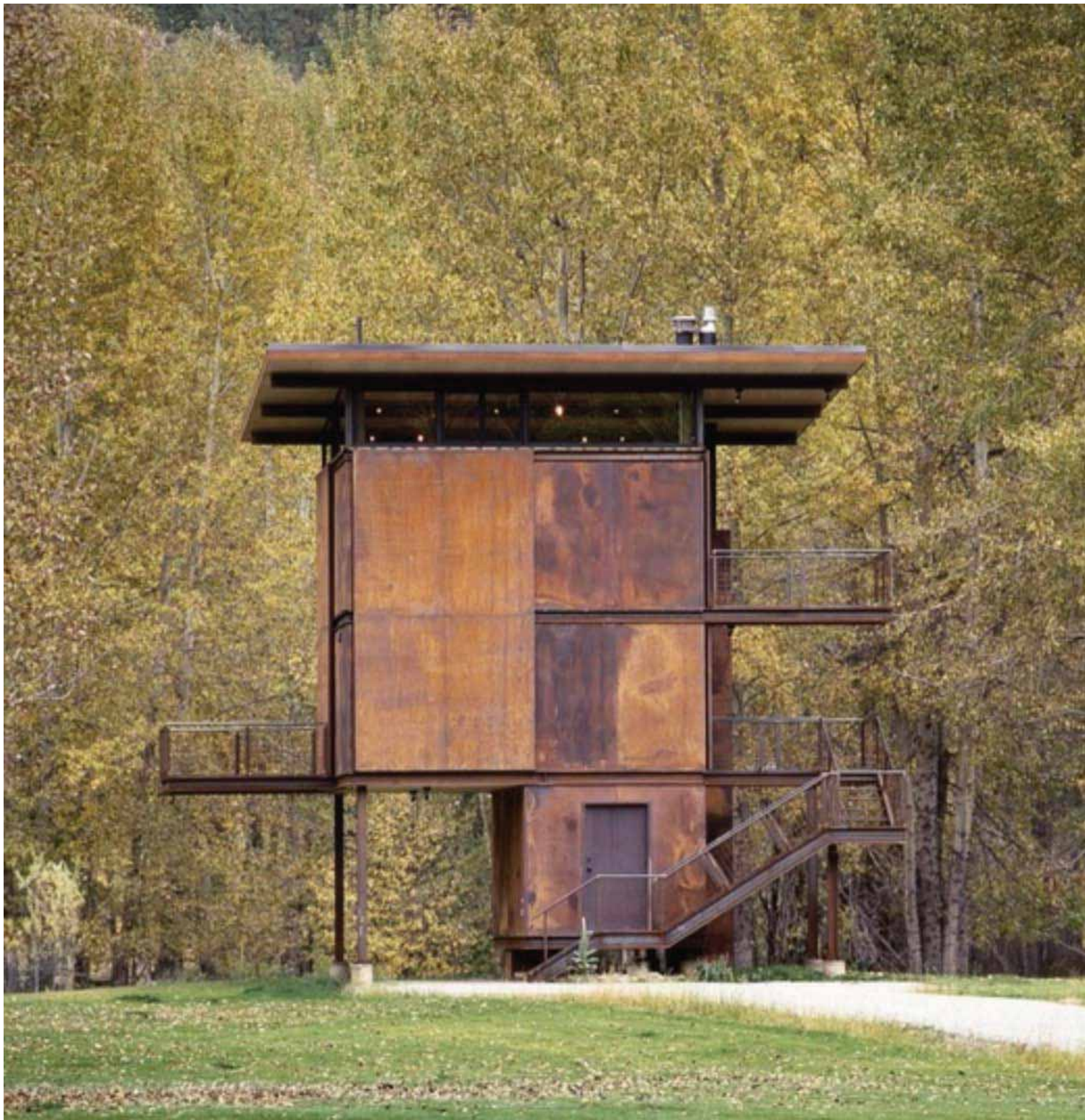




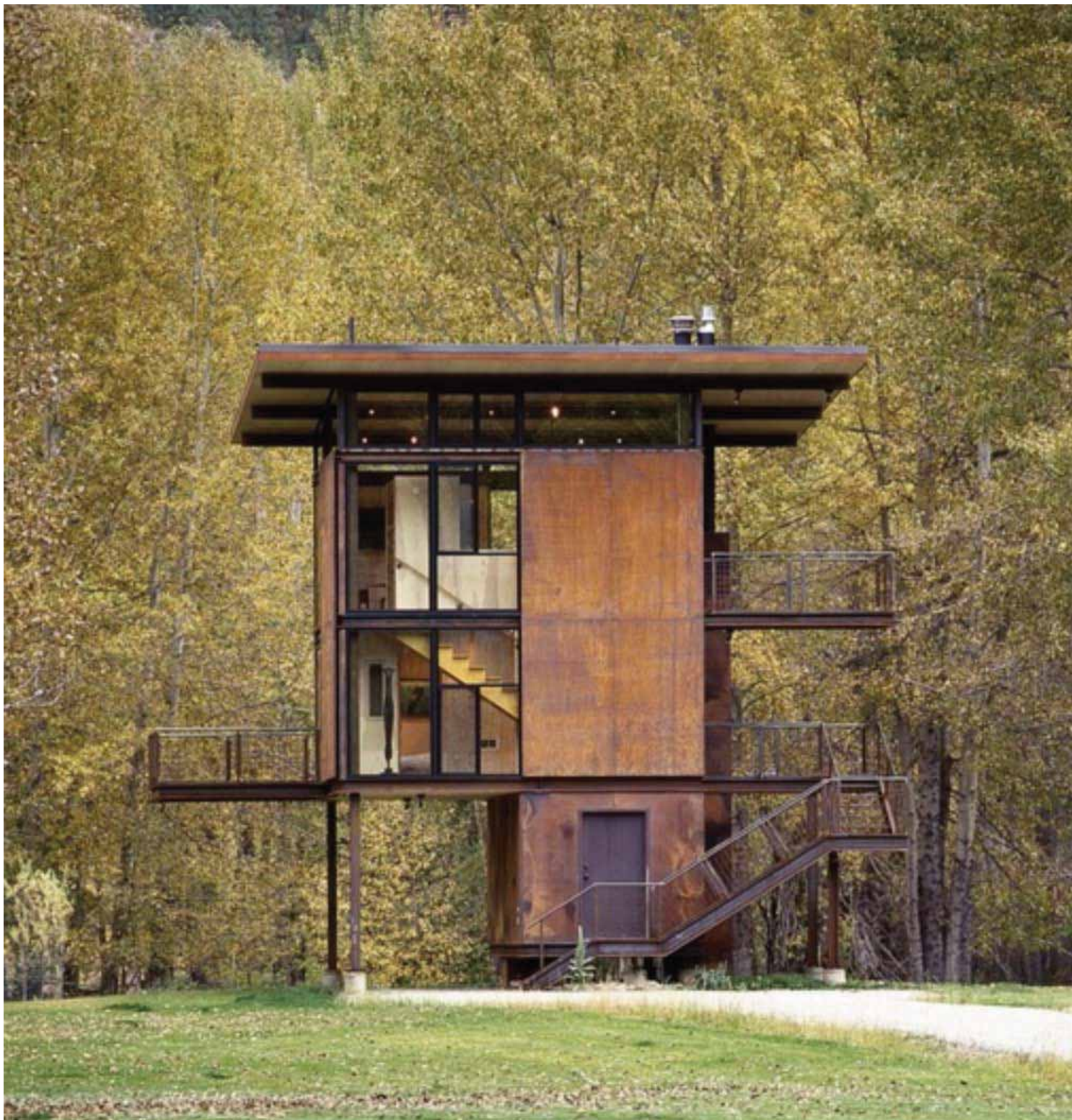
Glenn Murcutt  
Mt Wilson, NSW



Tom Kundig  
*False Bay Writers Cabin*  
Washington, USA



Tom Kundig  
*Delta Shelter*  
Washington  
USA



Tom Kundig



To protect against fire, the pavilion roofs comprise a recirculating pool system, transforming the structures into a series of terraced reflecting ponds. Cascading from one pool to another, the water serves as fire resistance and insulation, while the sight and sound of the water mimics the adjacent canyon creek. Coiled steel shutters protect every opening, providing additional insulation and sun control.

Barton Myers  
*House at Toro Canyon*  
California

# THE FLYWIRE HOUSE

## A case study in design against bushfire

David Holmgren



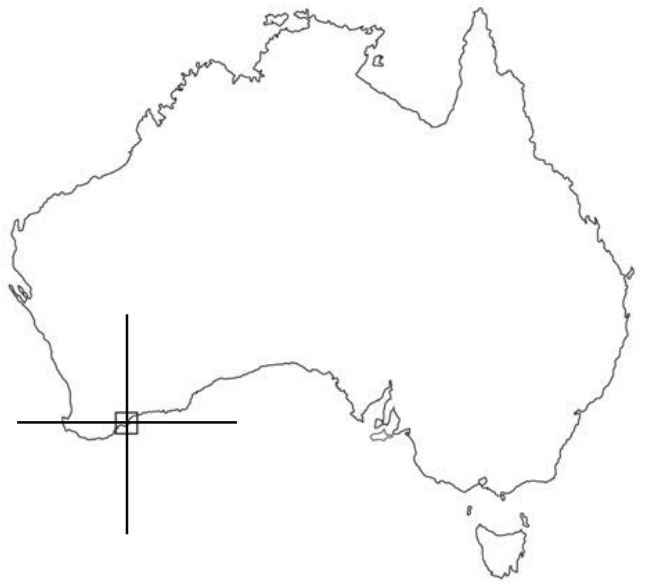
### CHOOSING THE SITE

#### GENERAL ATTRIBUTES OF THIS PROPERTY

- A public road that runs along the east side of the block gives access from a 'back' side.
- The upper floodplain reservoir fire break, which is 20 m wide, provides four wheel drive access along the western boundary.
- A proposed 4 million litre dam, shared with the neighbour across a common boundary, to utilize the best large water storage position with suitable clay and catchment area.
- Rainfall 900 mm per annum.
- Excellent views.
- Dry, shallow mudstone ridge soils support stunted, dry sclerophyll forest (a high fire risk forest as a result) - *Eucalyptus gunnisonii*, *E. Alata*, *E. villosa* (gullies) *E. cernua* (moor common).
- 30% of the land is steeper than 1:5.
- The public road is steep, narrow, and gravelled. It is located on a high fire risk ridge with a dense fringe of native vegetation.
- Overhead powerlines are positioned along a road reserve in thick bush.
- A west facing spur running off the north-south ridge produces a very high fire risk site from all directions. It is an especially severe crown fire sector.
- The property was completely burnt on Ash Wednesday.



David Holmgren  
Flywire House  
Published 1983





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