

Scottsdale Residential Green Rating Checklist



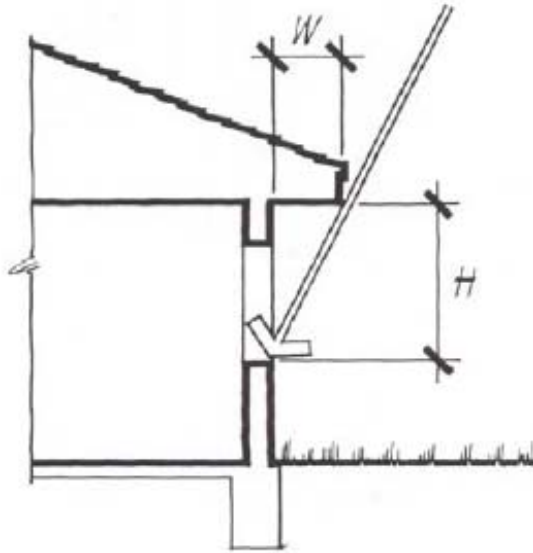
Mandatory Measures

■ Site

- Protect all exterior entrances from direct summer sun exposures (east, west, south)
 - recessed or covered entry
- Low water use landscape



Overhang Dimensions



Roughly appropriate overhang dimension W can be calculated by selecting the shade line factor (SLF) from the table below and inserting in the formula:

$$W \text{ (overhang dimension)} = H / \text{SLF}$$

Shade Line Factors (SLF) for Phoenix region (latitude 33.5°)	
Window Faces	Shade Line Factor
East	0.8
Southeast	1.4
South	3.6
Southwest	1.4
West	0.8

Size & spacing of shading elements is a function of the orientation, time of day & year.



Porch Entries





Recessed Entrances





Courtyard Entry



Arcade Entry



Louvers & Trellis



Outdoor Living Spaces

- Create shade while letting air and rain pass through
 - Open weave fabric
 - Trellis, arbor
 - Removable/retractable shade structured





Maximizing Shade for Outdoor Living





Courtyards and Tree canopies

