

# Scottsdale Residential Green Rating Checklist

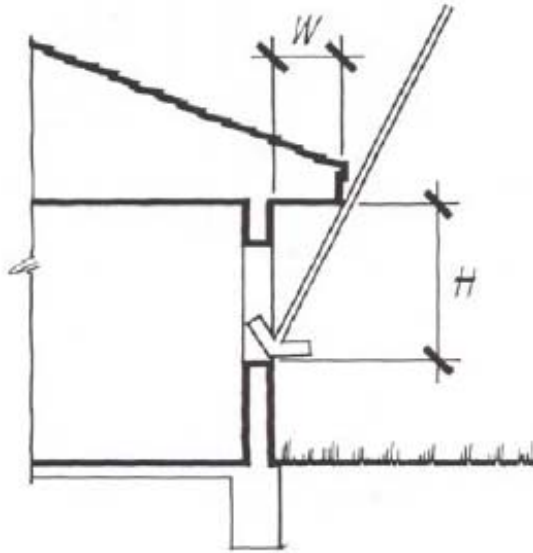


# Mandatory Measures

- 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

