FRONT

REAR

10.04.24

0' 4' 8'

SCALE: 1/4" = 1'

4-2-1-3 BUILDING

TOLL AT CAVASSON | TOLL BROTHERS

SCOTTSDALE, ARIZONA

NOTE: SQUARE FOOTAGE MAY VARY BASED ON CALCULATION METHODS

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RIGHT

LEFT

4-2-1-3 BUILDING

10.04.24

0' 4' 8'

SCALE: 1/4" = 1'

TOLL AT CAVASSON | TOLL BROTHERS

SCOTTSDALE, ARIZONA

NOTE: SQUARE FOOTAGE MAY VARY BASED ON CALCULATION METHODS

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FRONT

REAR

10.04.24

0' 4' 8'

SCALE: 1/4" = 1'

1x-1-4 BUILDING

TOLL AT CAVASSON | TOLL BROTHERS

SCOTTSDALE, ARIZONA

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RIGHT

LEFT

1x-1-4 BUILDING

10.04.24

0' 4' 8'

SCALE: 1/4" = 1'

TOLL AT CAVASSON | TOLL BROTHERS

SCOTTSDALE, ARIZONA

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FRONT

REAR

1x-4 BUILDING

10.04.24

0' 4' 8'

SCALE: 1/4" = 1'

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SCOTTSDALE, ARIZONA

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RIGHT

LEFT

1x-4 BUILDING

10.04.24

0' 4' 8'

SCALE: 1/4" = 1'

TOLL AT CAVASSON | TOLL BROTHERS

SCOTTSDALE, ARIZONA

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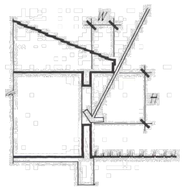
SCOTTSDALE GREEN BUILDING PROGRAM

Overhang Dimensions For Summer Shading

The proper size and spacing of shading elements is a function of the orientation of the openings and the time of day and year when shading is needed. The following overhang sizing information comes from *Climatic Building Design* (Watson). For a more accurate determination based on time of year, please refer to sizing tables in *Sun, Wind & Light* (Brown). See reference list for further information.



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 (overhang dimension) = H / SLF

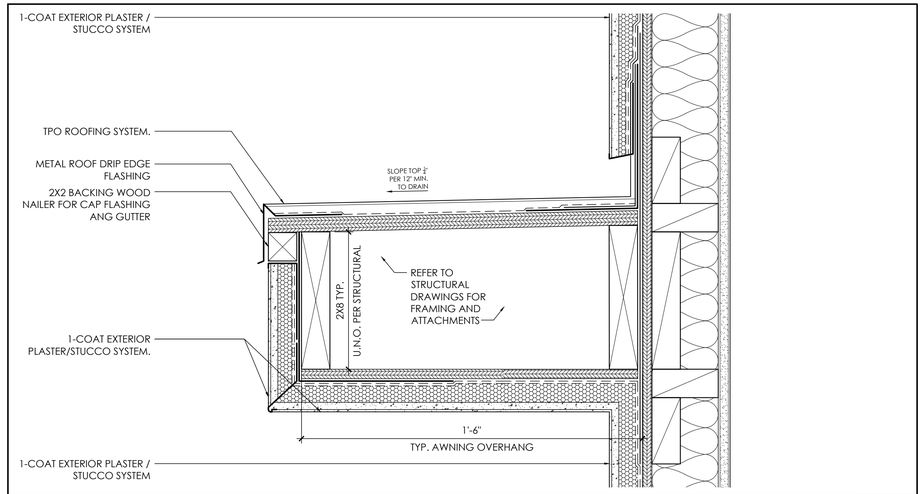
Shade Line Factors (SLF) for Phoenix region (latitude 33.5°)	
Window Faces	**Shade Line Factor**
East	0.8
Southeast	1.4
South	3.6
Southwest	1.4
West	0.8

References:

Brown, G.Z. and DeKay Mark (2001) *Sun, Wind & Light: Architectural Design Strategies*, John Wiley & Sons, New York.

Watson, Donald and Labs, Kenneth (1983) *Climatic Building Design: Energy-Efficient Building Principles and Practice*, McGraw-Hill, New York.

1/05



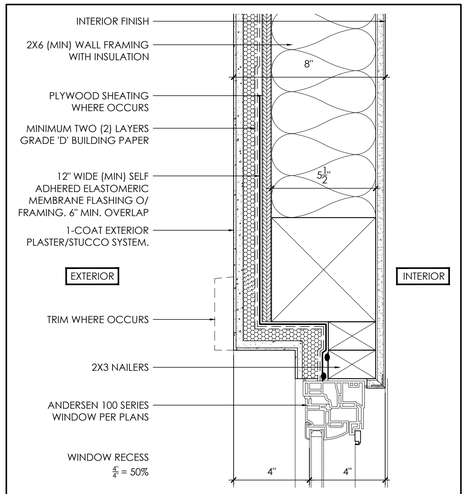
FLAT AWNING END

EXTERIOR FLAT AWNING

ALL MATERIALS AND FINISHES SHALL BE INSTALLED PER THE MANUFACTURERS APPROVED PUBLISHED DIRECTIONS. REFER TO PROJECT SPECIFICATIONS

3" = 1'-0"

SHADE LINE FACTORS (SLF) FOR PHOENIX REGION (LATITUDE 33.5) W (overhang dim) = H (shadow length) / SLF H (shadow length) = SLF × W (overhang dim)					
Window Orientation	EAST	SOUTH EAST	SOUTH	SOUTH WEST	WEST
SLF Value	0.8	1.4	3.6	1.4	0.8
W (overhang dim) in FT	1.5	1.5	1.5	1.5	1.5
H (shadow length) in FT	**1.2**	**2.1**	**5.4**	**2.1**	**1.2**

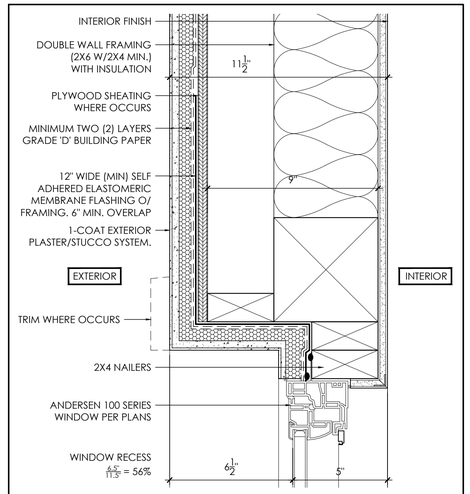


EXTERIOR WINDOW HEAD - 2X6 WALL

EXTERIOR WINDOW - RECESSED

ALL MATERIALS AND FINISHES SHALL BE INSTALLED PER THE MANUFACTURERS APPROVED PUBLISHED DIRECTIONS. REFER TO PROJECT SPECIFICATIONS

3" = 1'-0"

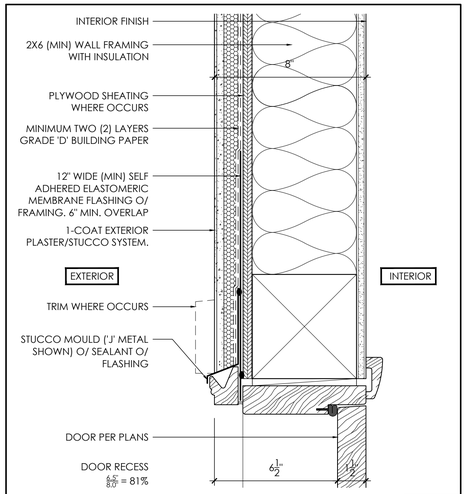


EXTERIOR WINDOW HEAD - DOUBLE WALL

EXTERIOR WINDOW - RECESSED

ALL MATERIALS AND FINISHES SHALL BE INSTALLED PER THE MANUFACTURERS APPROVED PUBLISHED DIRECTIONS. REFER TO PROJECT SPECIFICATIONS

3" = 1'-0"



EXTERIOR DOOR HEAD - 2X6 WALL

EXTERIOR DOOR - STUCCO

ALL MATERIALS AND FINISHES SHALL BE INSTALLED PER THE MANUFACTURERS APPROVED PUBLISHED DIRECTIONS. REFER TO PROJECT SPECIFICATIONS

3" = 1'-0"

10.04.24

DETAILS

TOLL AT CAVASSON | TOLL BROTHERS

SCOTTSDALE, ARIZONA

NOTE: SQUARE FOOTAGE MAY VARY BASED ON CALCULATION METHODS

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