

SOLAR PROTECTION ANALYSIS

ELEVATION	# OF WINDOWS	PROTECTED WINDOWS					UNPROTECTED
		BALCONY	ROOF OVERHANG SEE 7/10-7	LANDSCAPE	EYEBROW ELEMENT SEE 10/10-7	RECESS & SOLAR SCREEN SEE 9/10-7	
EAST	28	5	0	3	0	0	20
SOUTH	27	1	5	2	0	0	19
WEST	55	24	0	0	0	24	7
EAST COURTYARD	42	20	0	4	0	0	18
SOUTH COURTYARD	92	43	12	7	30	0	0
WEST COURTYARD	35	17	0	0	0	0	18
TOTALS	279	110 (39.4%)	17 (6.1%)	16 (5.7%)	30 (10.8%)	24 (8.6%)	82 (29.4%)

= 70.6% PROTECTED

SOLAR SHADING LEGEND

- 1

WINDOW SHADED BY BALCONY
- 2

WINDOW SHADED BY ROOF OVERHANG ABOVE, PER SHADE LINE FACTOR CALCULATION
- 3

WINDOW SHADED BY LANDSCAPE PLANTINGS
- 4

WINDOW SHADED BY ARCHITECTURAL ELEMENT, PER SHADE LINE FACTOR CALCULATION
- 5

WINDOW SHADED BY EXTENDED WALL FRAMING & SOLAR SCREEN

NO. 20-2006-02

GREYSTAR
ACTIVE
INDEPENDENT
LIVING

Scottsdale, AZ

GREYSTAR

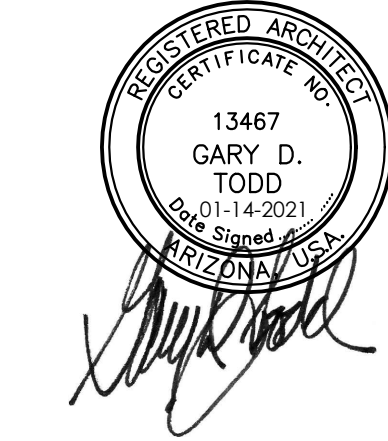
3200 E Camelback Rd., Suite 225
Phoenix, AZ

PROJECT

CLIENT

SEAL

CONTACT



TODD + ASSOCIATES

CRITICAL THINKING / CREATIVE DESIGN

ARCHITECTURE. PLANNING.
LANDSCAPE ARCHITECTURE.

4019 N. 44TH ST. / PHOENIX, AZ 85018
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DATA PHASE

01-15-21
REZONING SUBMITTAL #2

Proj Mgr.
Dwn By:

2 EAST ELEVATION

SCALE:1/16"=1'-0"

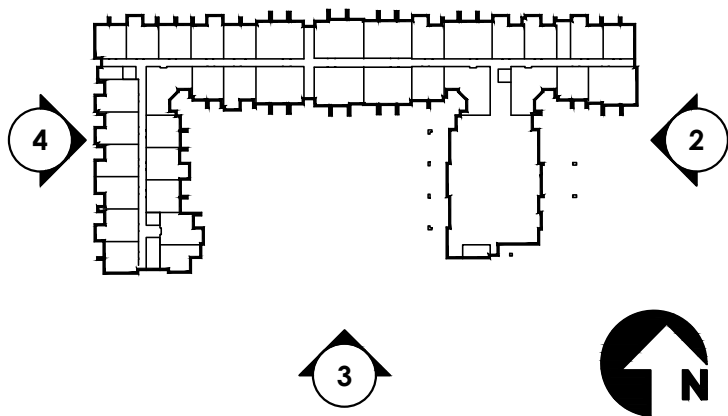
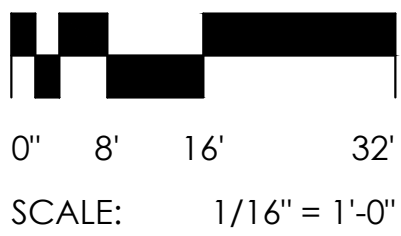
3 SOUTH ELEVATION

SCALE:1/16"=1'-0"

4 WEST ELEVATION

SCALE:1/16"=1'-0"

KEYMAP



ELEVATIONS
SHADING STUDY

10-05

SOLAR PROTECTION ANALYSIS

ELEVATION	# OF WINDOWS	PROTECTED WINDOWS					UNPROTECTED
		BALCONY	ROOF OVERHANG SEE 7/10-7	LANDSCAPE	EYEBROW ELEMENT SEE 10/10-7	RECESS & SOLAR SCREEN SEE 9/10-7	
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SOUTH	27	1	5	2	0	0	19
WEST	55	24	0	0	0	24	7
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TOTALS	279	110 (39.4%)	17 (6.1%)	16 (5.7%)	30 (10.8%)	24 (8.6%)	82 (29.4%)

= 70.6% PROTECTED



1 EAST COURTYARD ELEVATION

SCALE: 1/16" = 1'-0"



2 SOUTH COURTYARD ELEVATION

SCALE: 1/16" = 1'-0"



3 WEST COURTYARD ELEVATION

SCALE: 1/16" = 1'-0"

- SOLAR SHADING LEGEND**
- 1 WINDOW SHADED BY BALCONY
 - 2 WINDOW SHADED BY ROOF OVERHANG ABOVE, PER SHADE LINE FACTOR CALCULATION
 - 3 WINDOW SHADED BY LANDSCAPE PLANTINGS
 - 4 WINDOW SHADED BY ARCHITECTURAL ELEMENT, PER SHADE LINE FACTOR CALCULATION
 - 5 WINDOW SHADED BY EXTENDED WALL FRAMING & SOLAR SCREEN

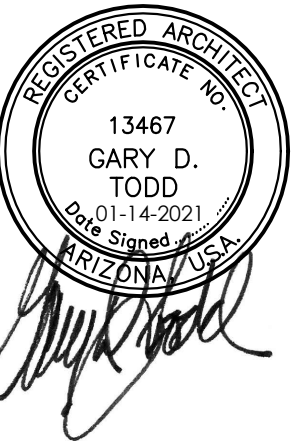
NO. 20-2006-02

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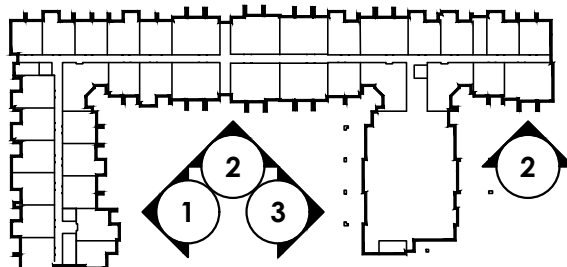
REZONING SUBMITTAL #2

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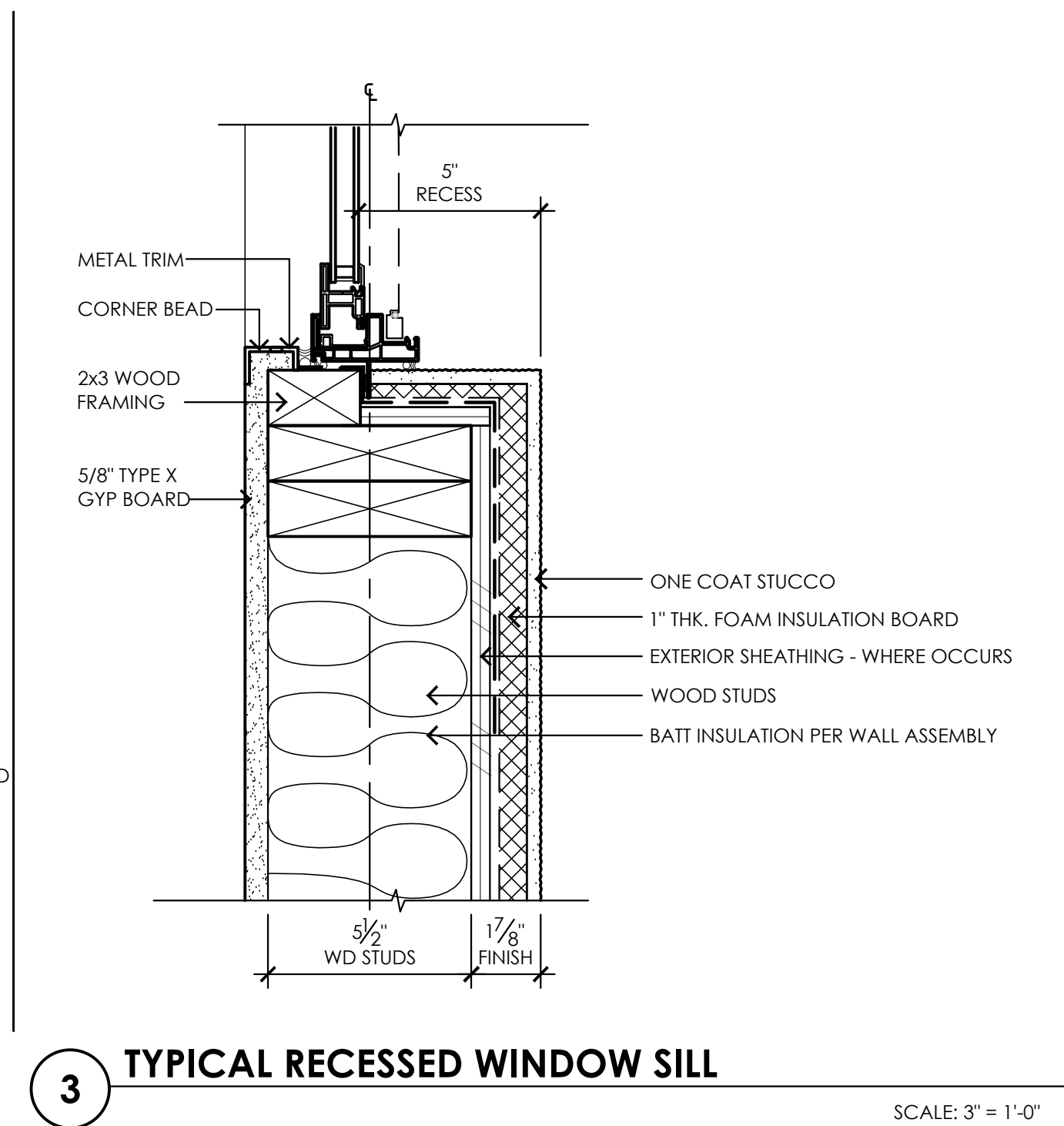
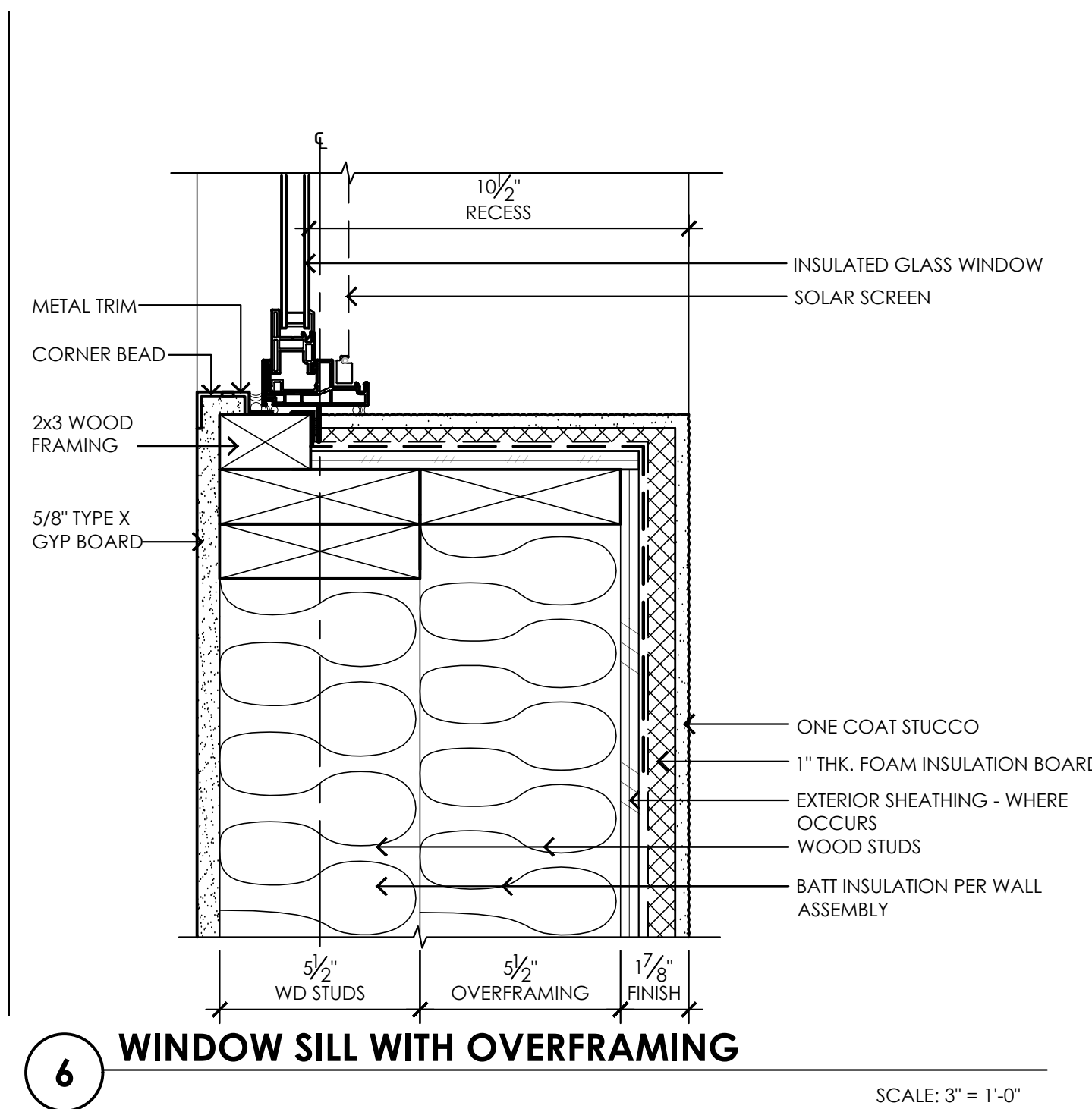
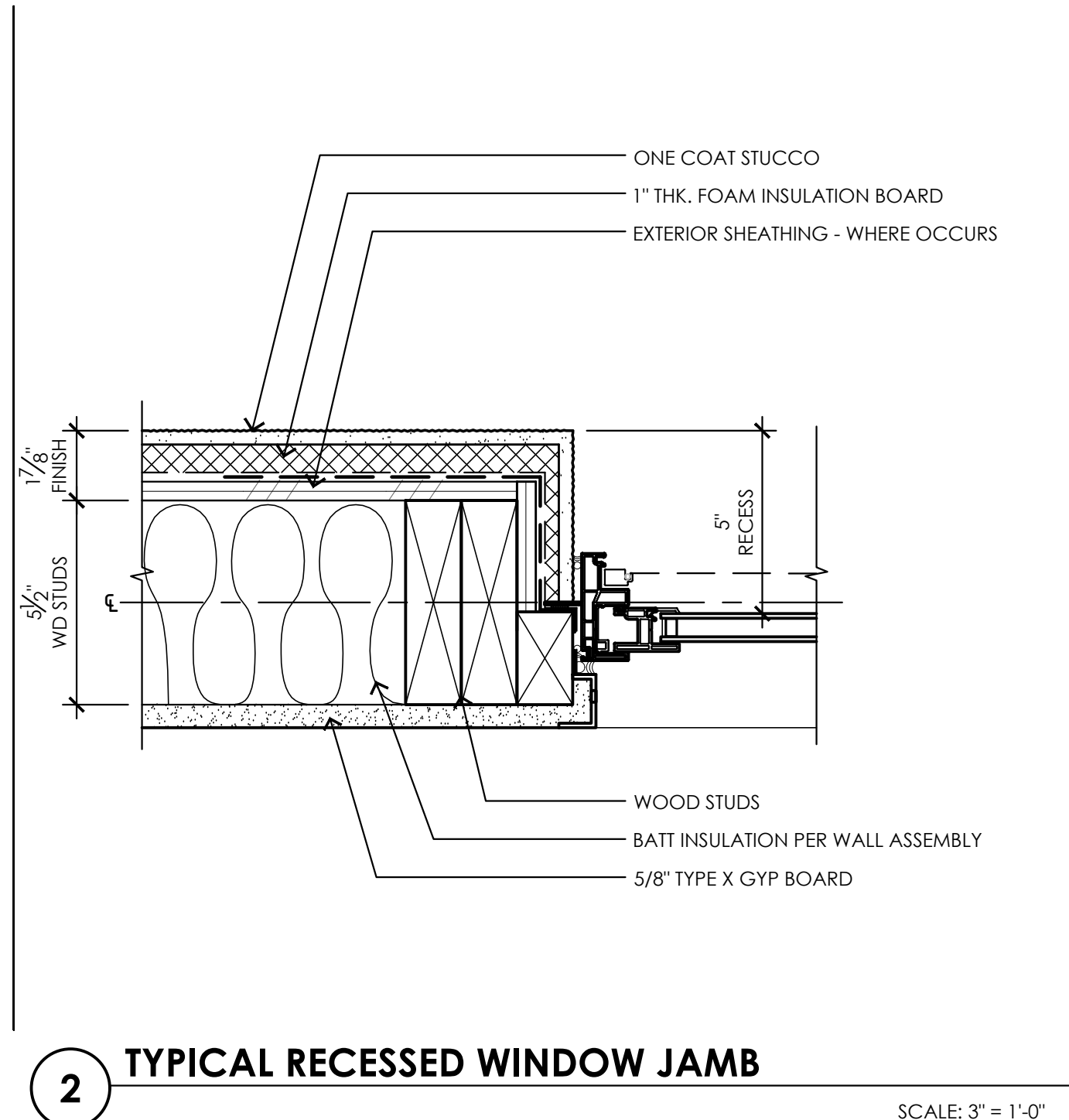
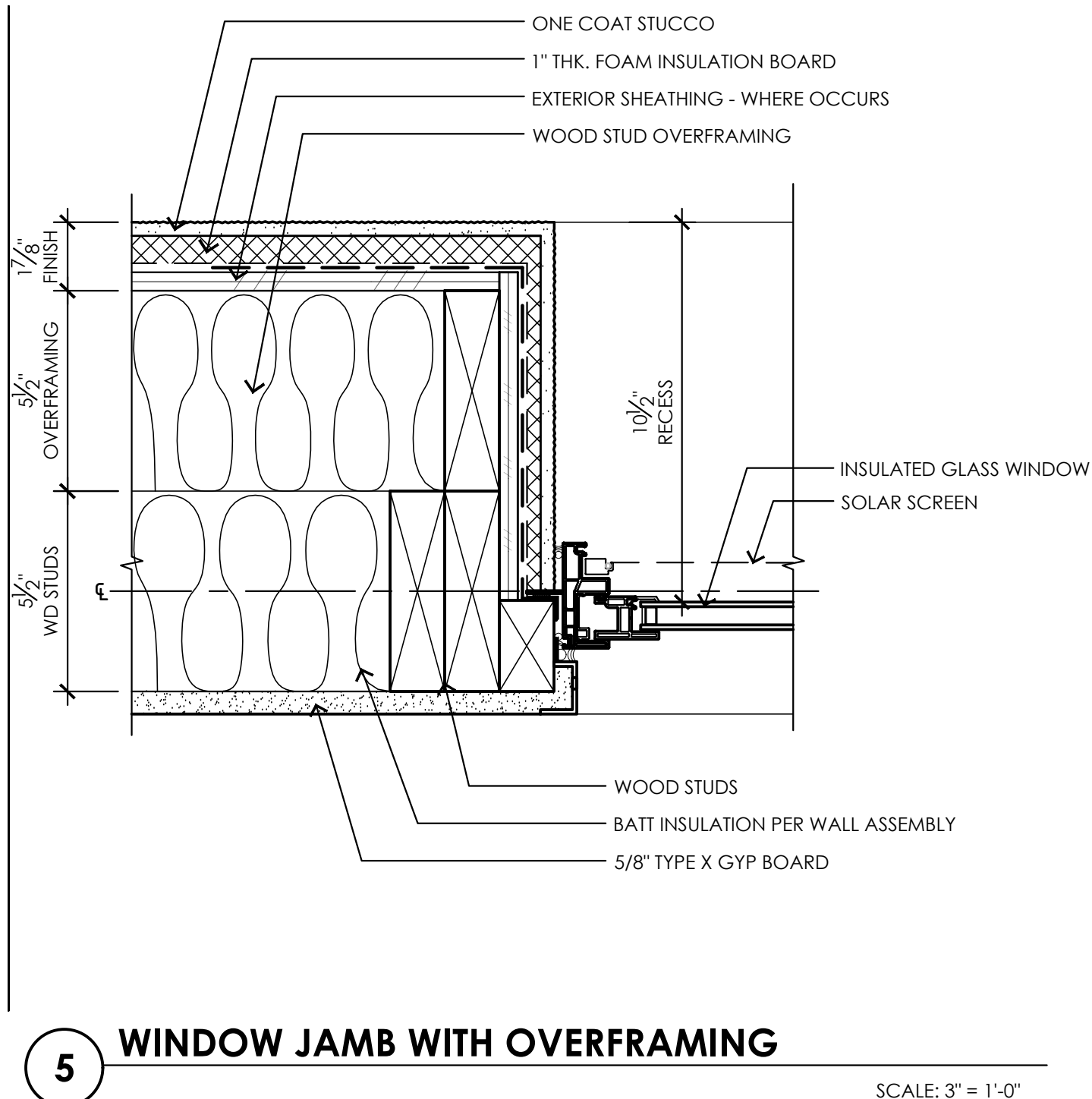
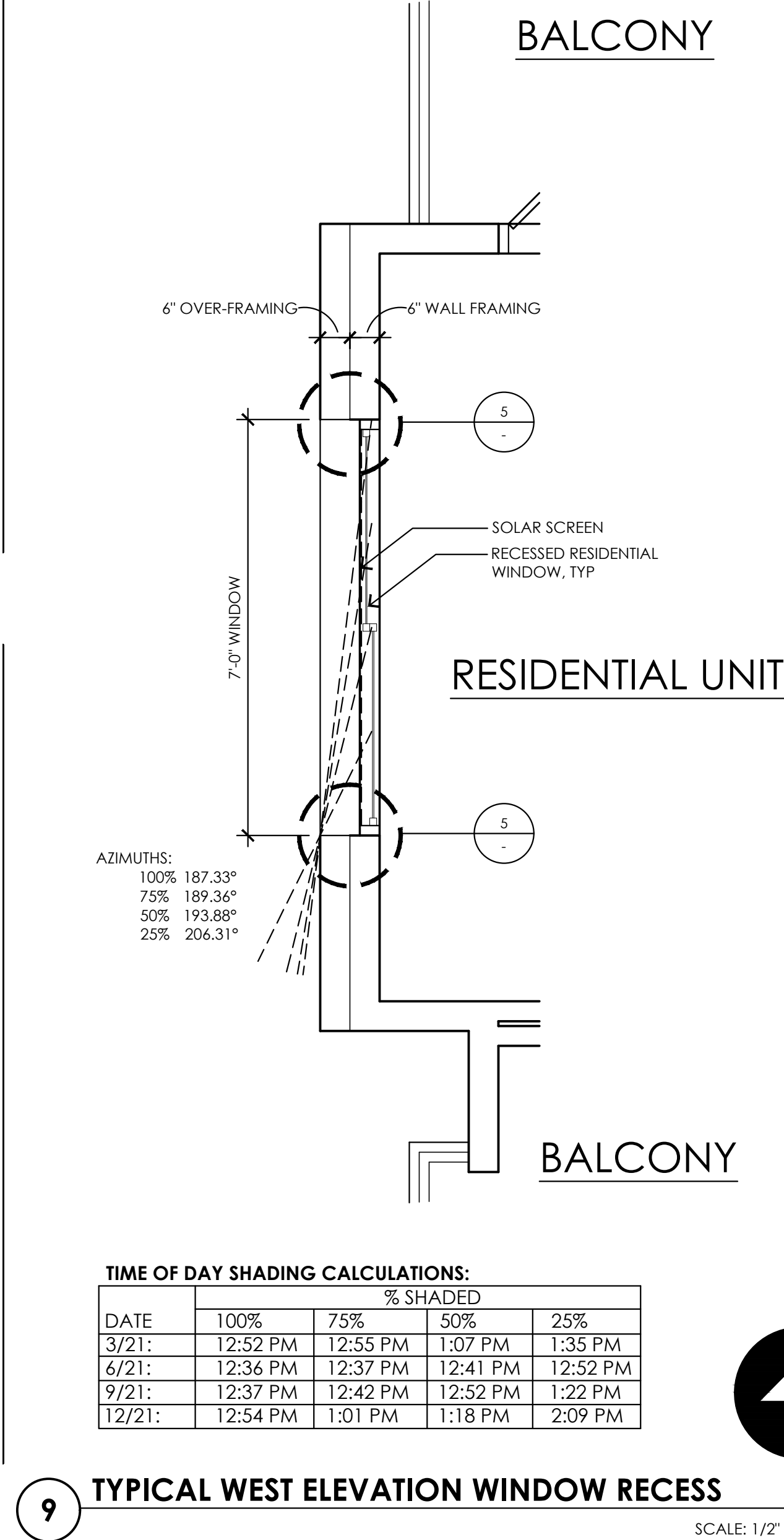
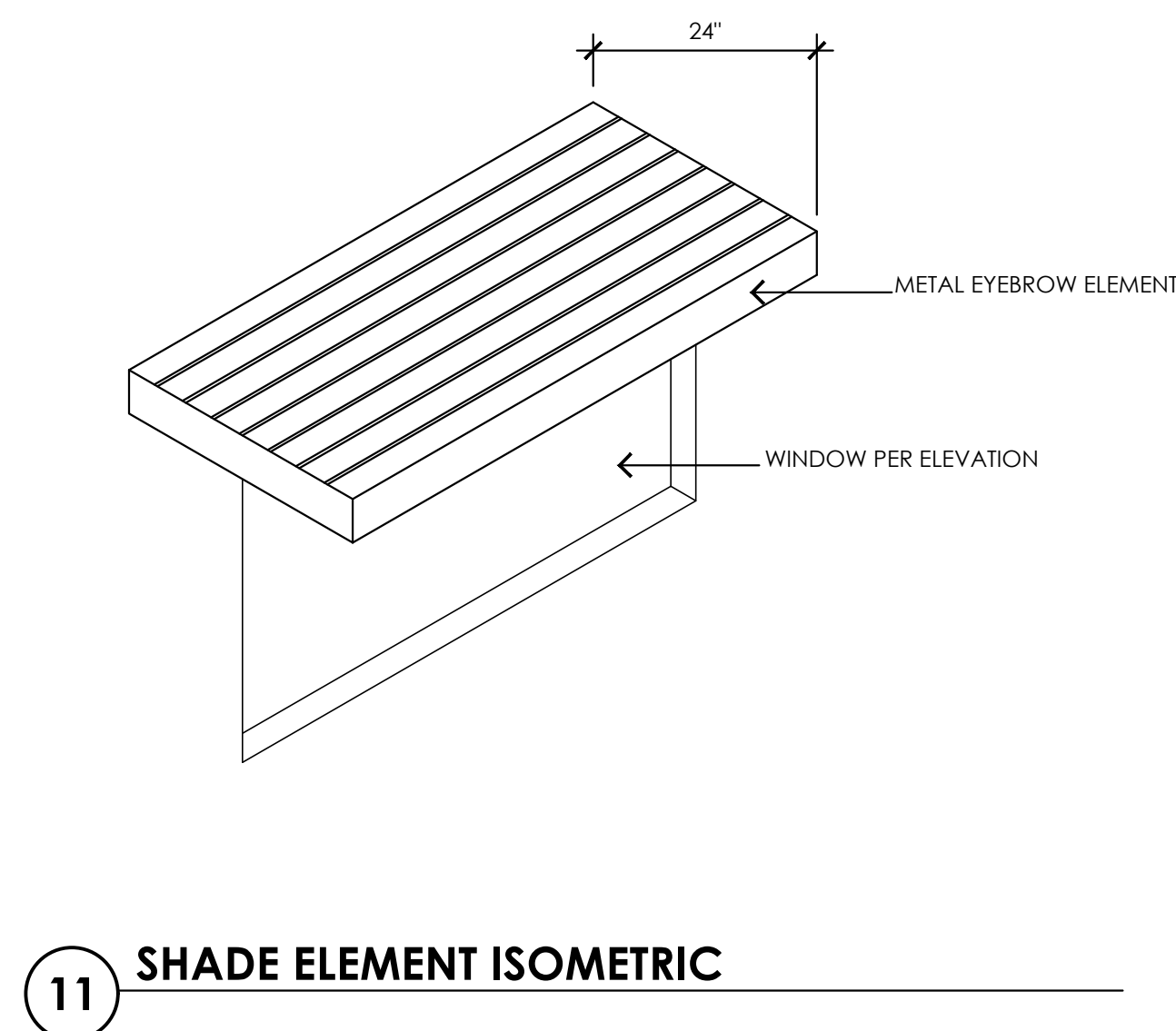
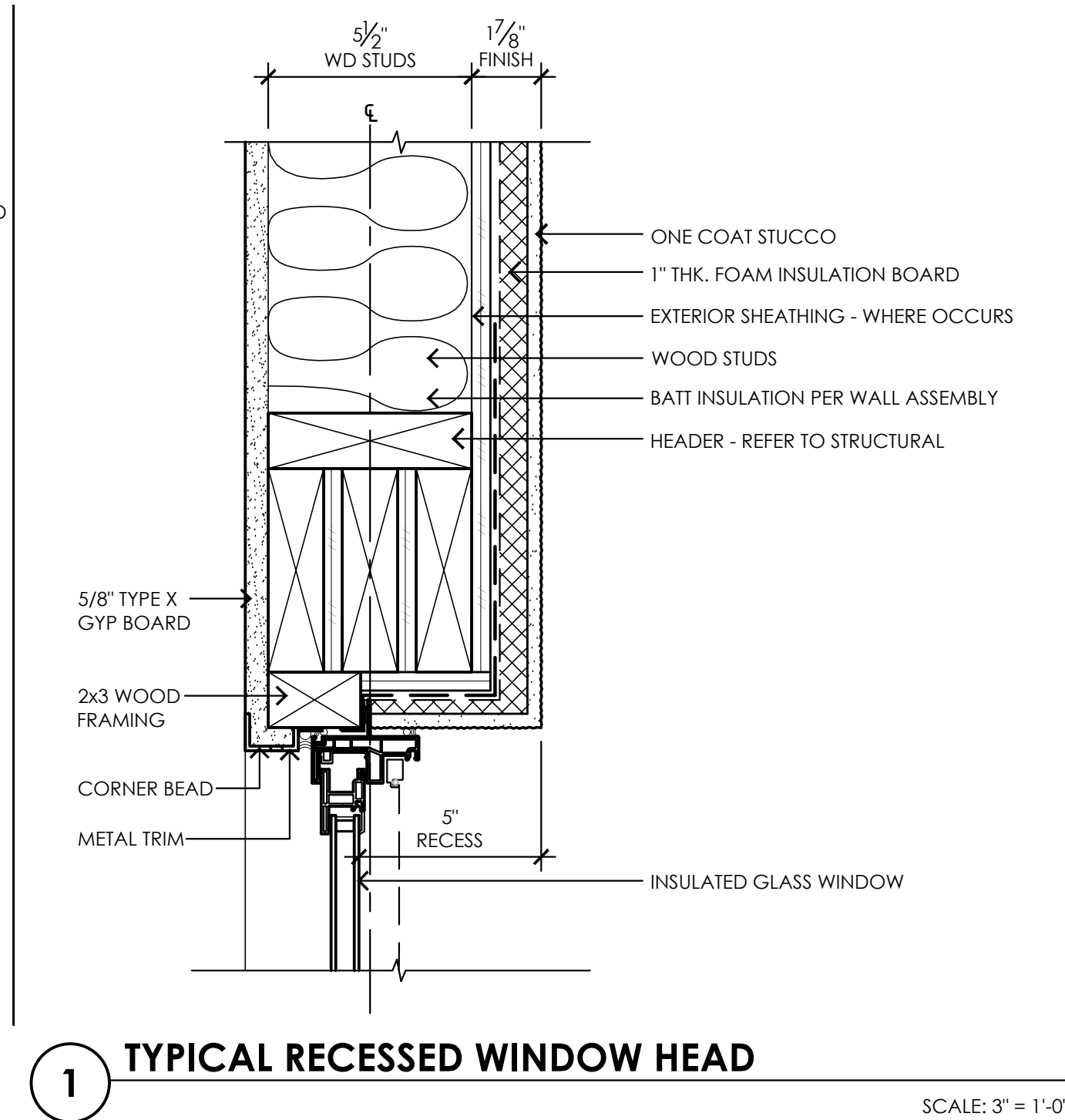
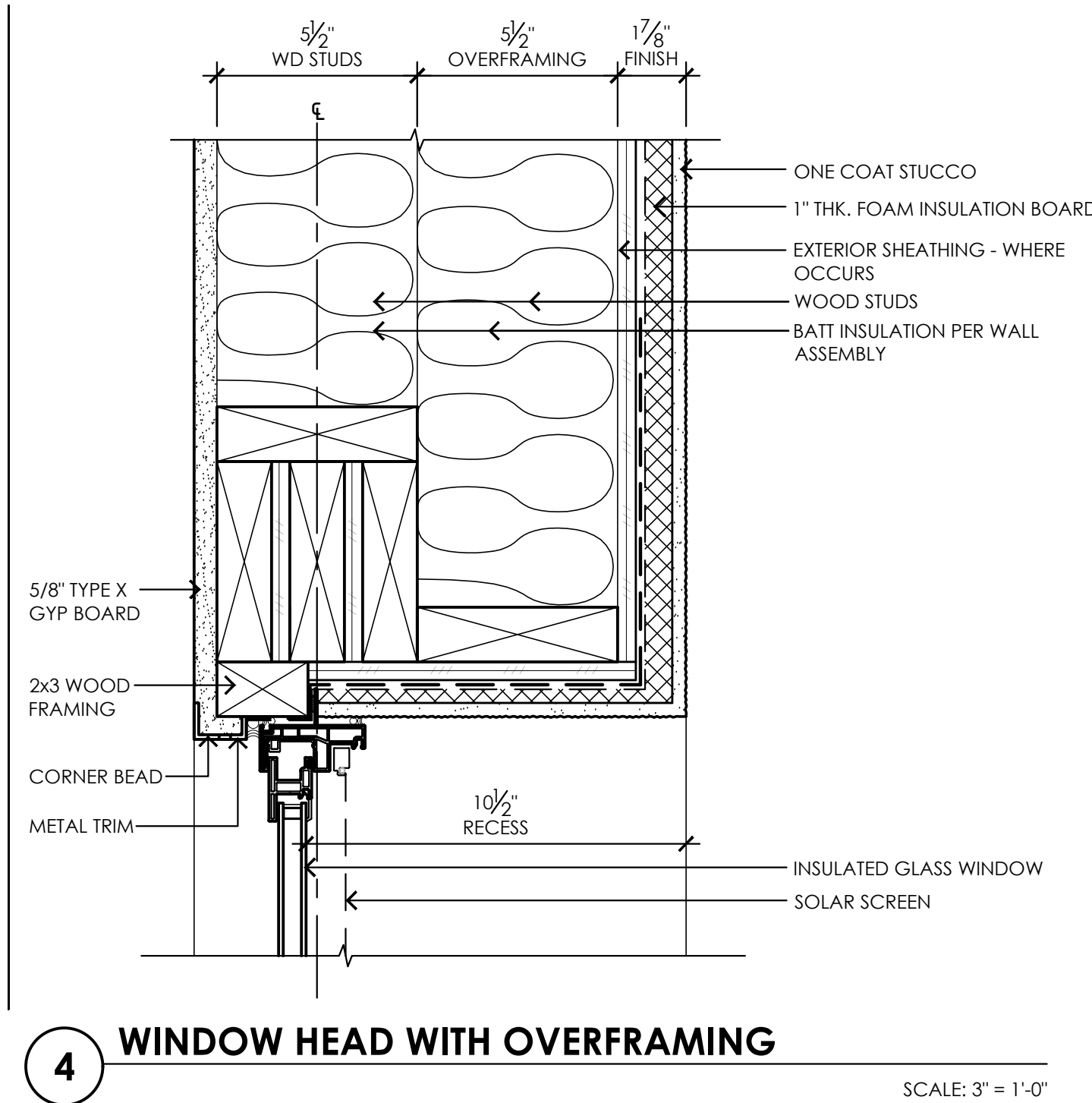
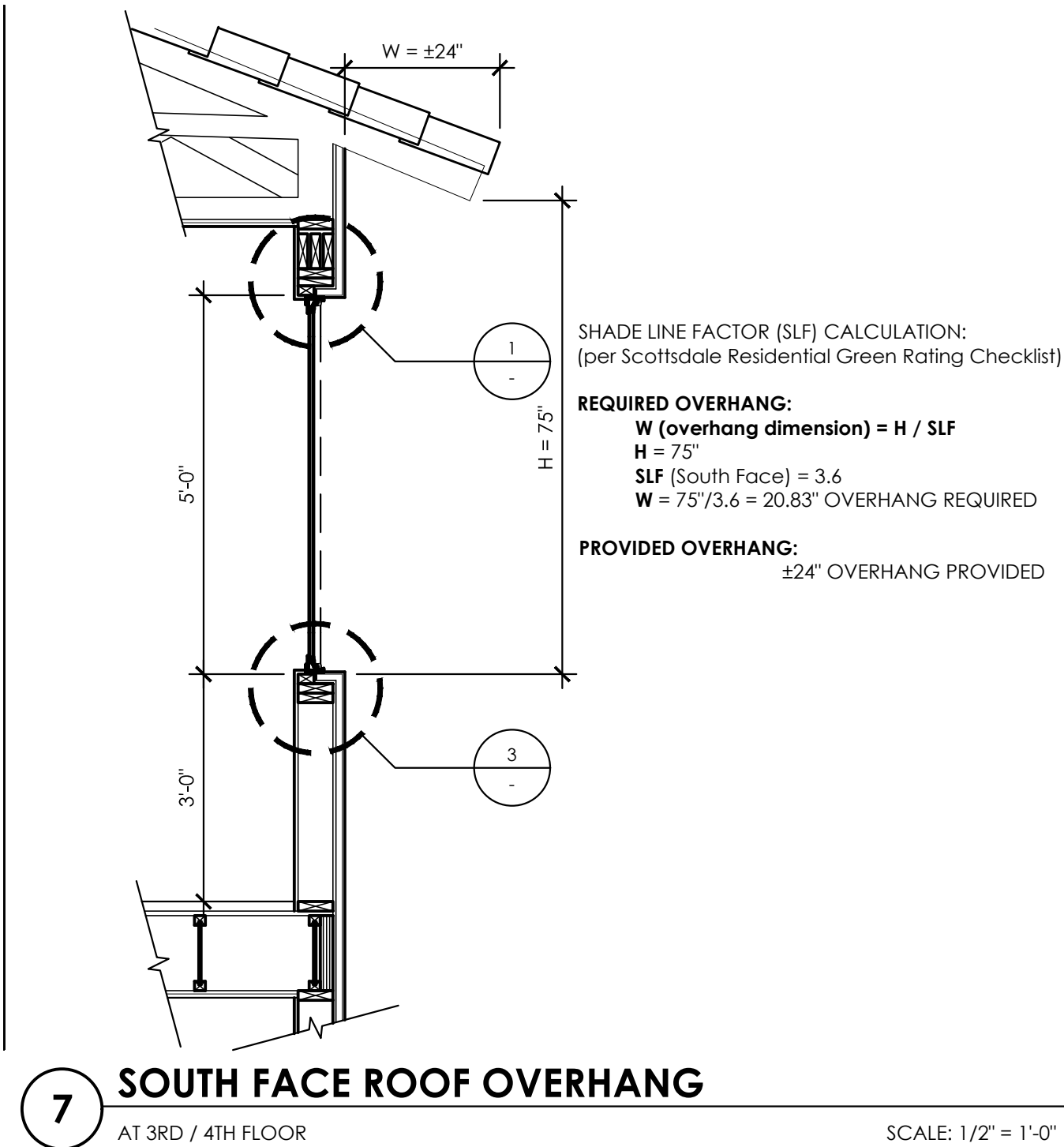
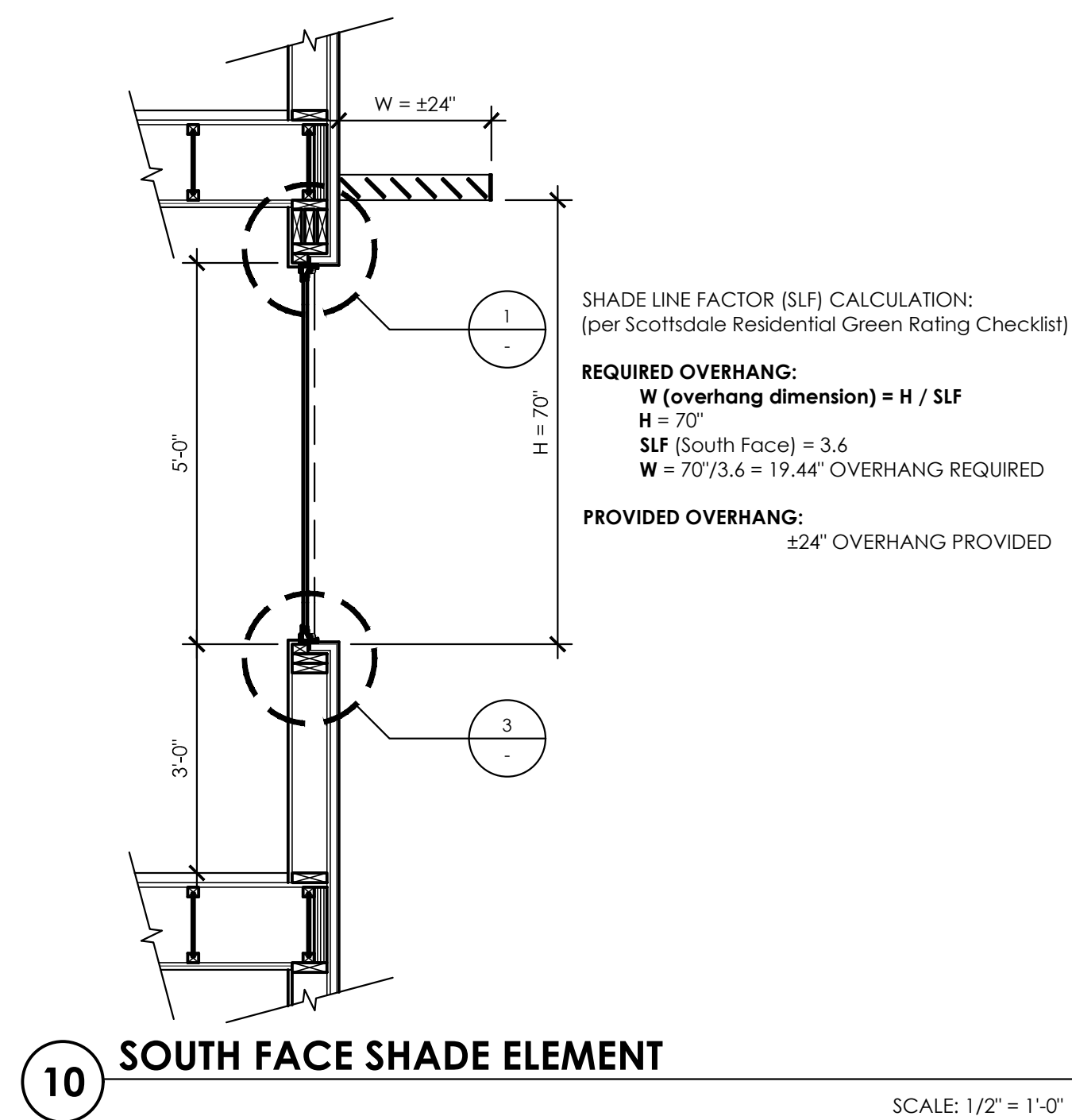


SCALE: 1/16" = 1'-0"



ELEVATIONS
SHADING STUDY

10-06



PROJECT NO. 20-2006-02

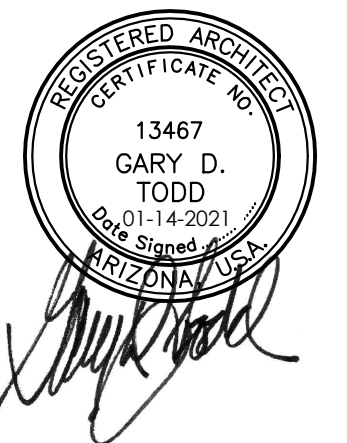
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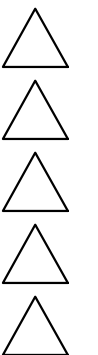
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Proj Mgr.CG
Dwn By: RM
Rev. Date: Description:



WINDOW SHADING DETAILS

10-07