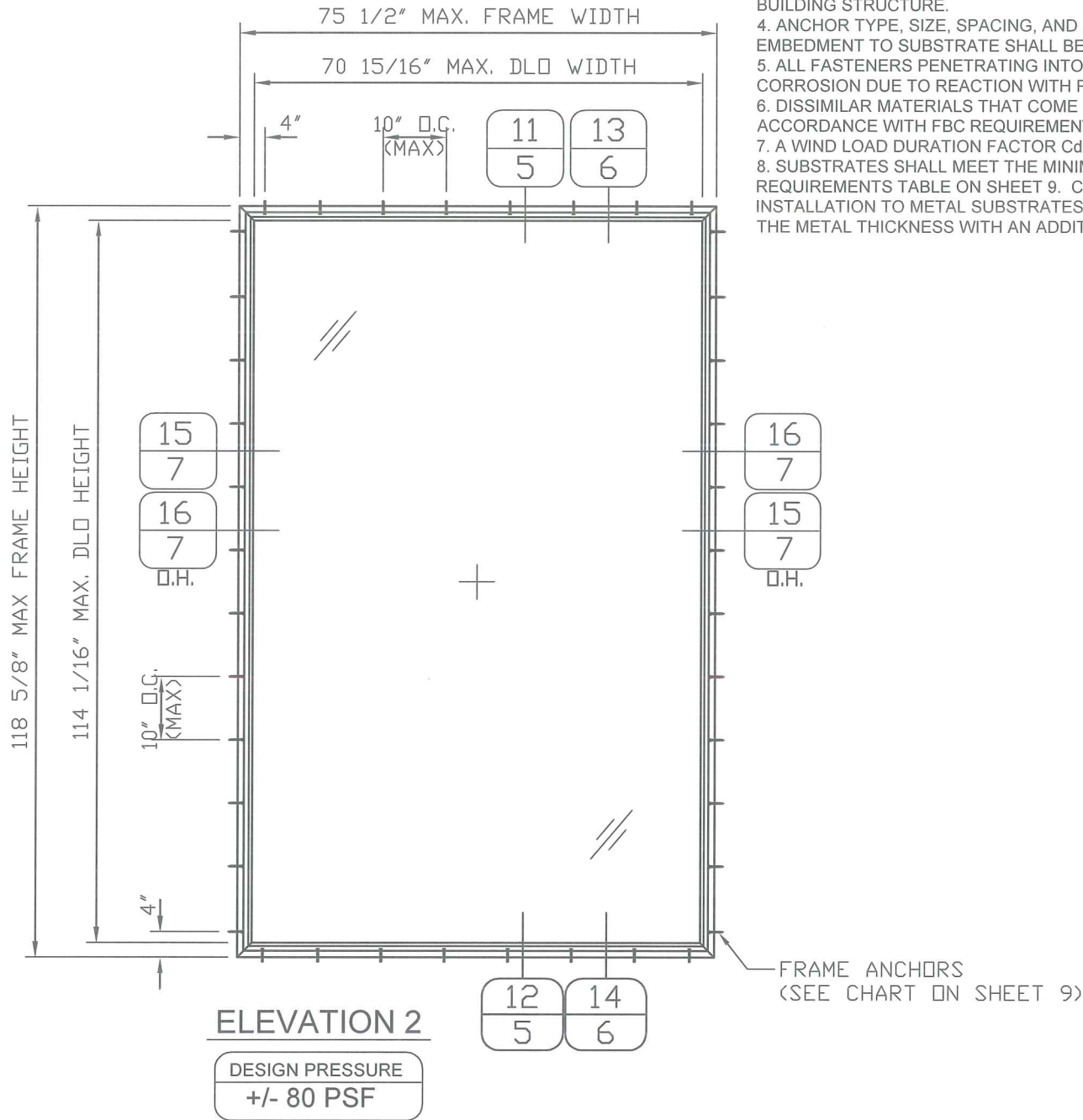
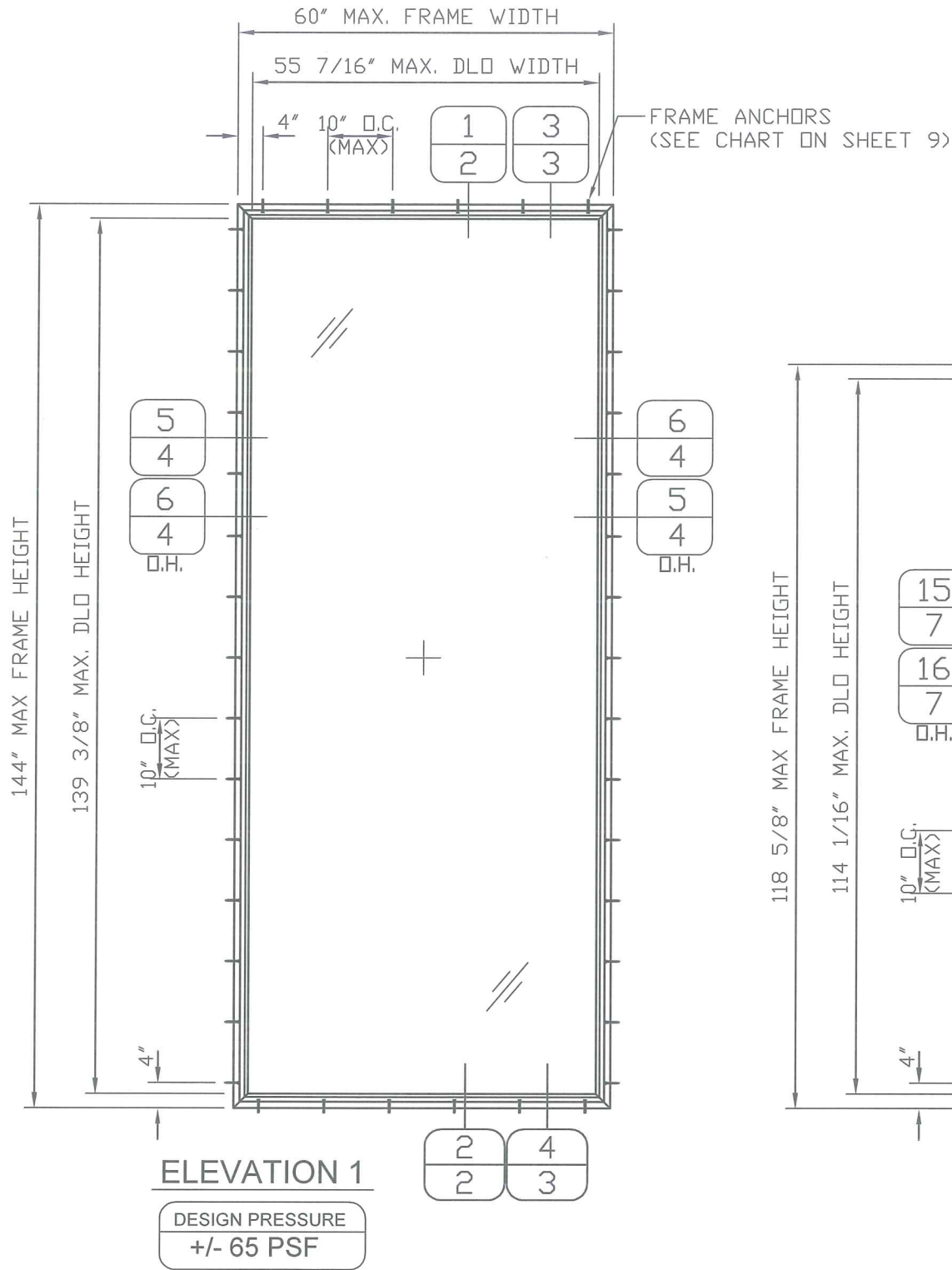


GOLDBRECHT TH+ SERIES FIXED WINDOW

GENERAL NOTES

1. THIS WINDOW HAS BEEN DESIGNED AND TESTED TO TAS 201, 202, & 203 PROTOCOLS IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC) INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) PROVISIONS.
2. THIS WINDOW AS SHOWN HEREIN IS LARGE AND SMALL MISSILE IMPACT RATED, SHUTTERS ARE NOT REQUIRED.
3. WOOD OR MASONRY OPENINGS, 1x OR 2x WOOD BUCKS, AND BUCK FASTENERS, BY OTHERS, SHALL BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS IMPOSED BY THE GLAZING SYSTEM TO THE BUILDING STRUCTURE.
4. ANCHOR TYPE, SIZE, SPACING, AND EMBEDMENT SHALL BE AS SPECIFIED IN THESE DRAWINGS. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO.
5. ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE TREATMENT CHEMICALS.
6. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT REACTIONS IN ACCORDANCE WITH FBC REQUIREMENTS.
7. A WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR THE ANALYSIS OF WOOD SCREWS ONLY.
8. SUBSTRATES SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS AS SHOWN IN INSTALLATION ANCHOR REQUIREMENTS TABLE ON SHEET 9. CONCRETE OR MASONRY SUBSTRATES SHALL NOT BE CRACKED. FOR INSTALLATION TO METAL SUBSTRATES, ANCHORS SHALL BE LONG ENOUGH TO BE FULLY THREADED THROUGH THE METAL THICKNESS WITH AN ADDITIONAL 3/16" MIN. OF THREADS BEYOND.



GOLDBRECHT TH+ SERIES FIXED WINDOW

GENERAL NOTES

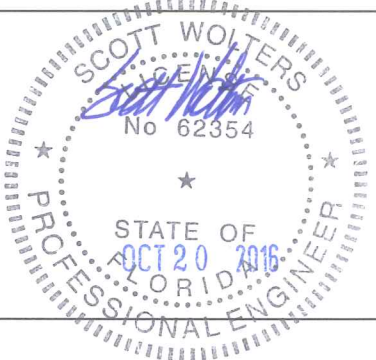


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SHEET
1

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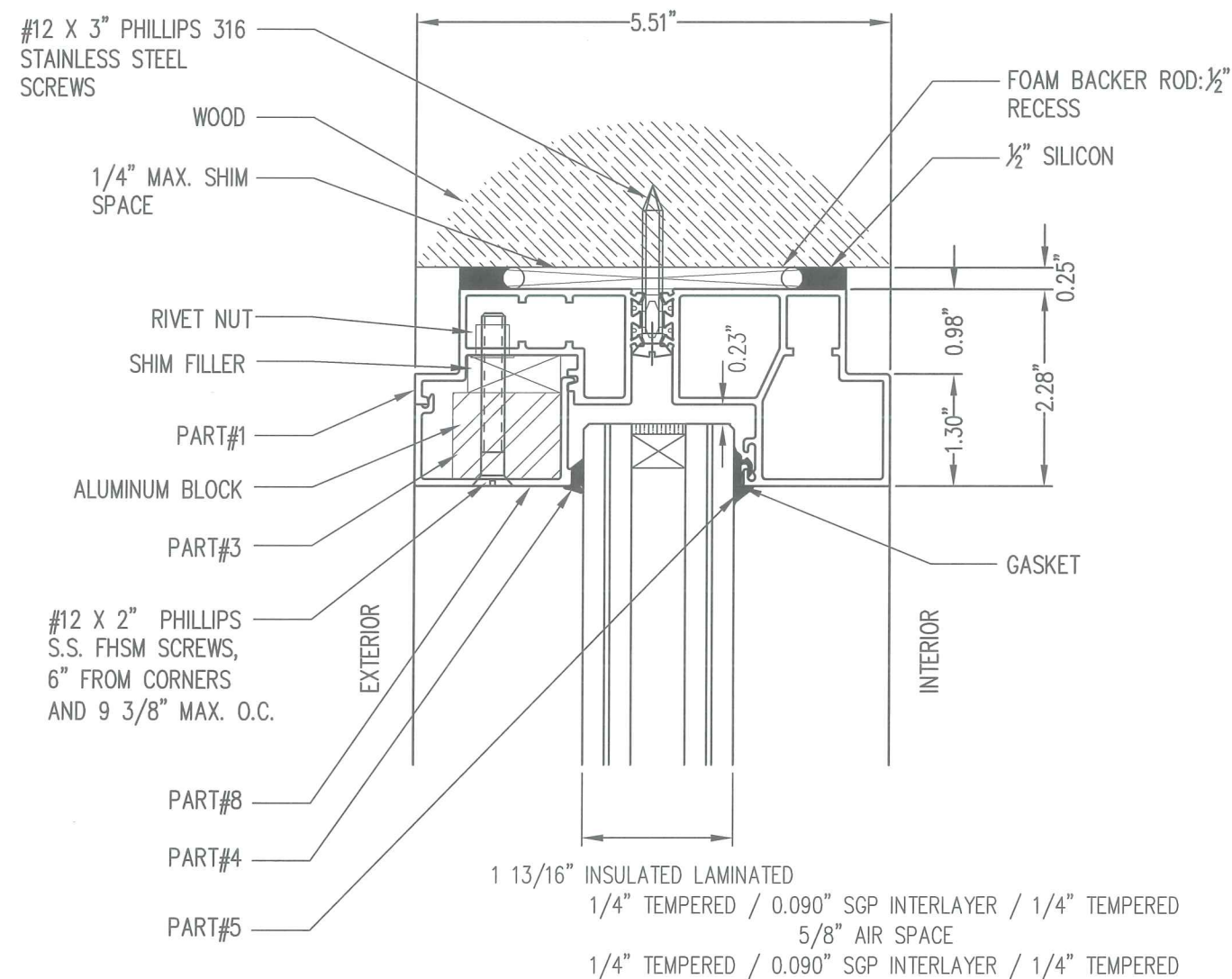
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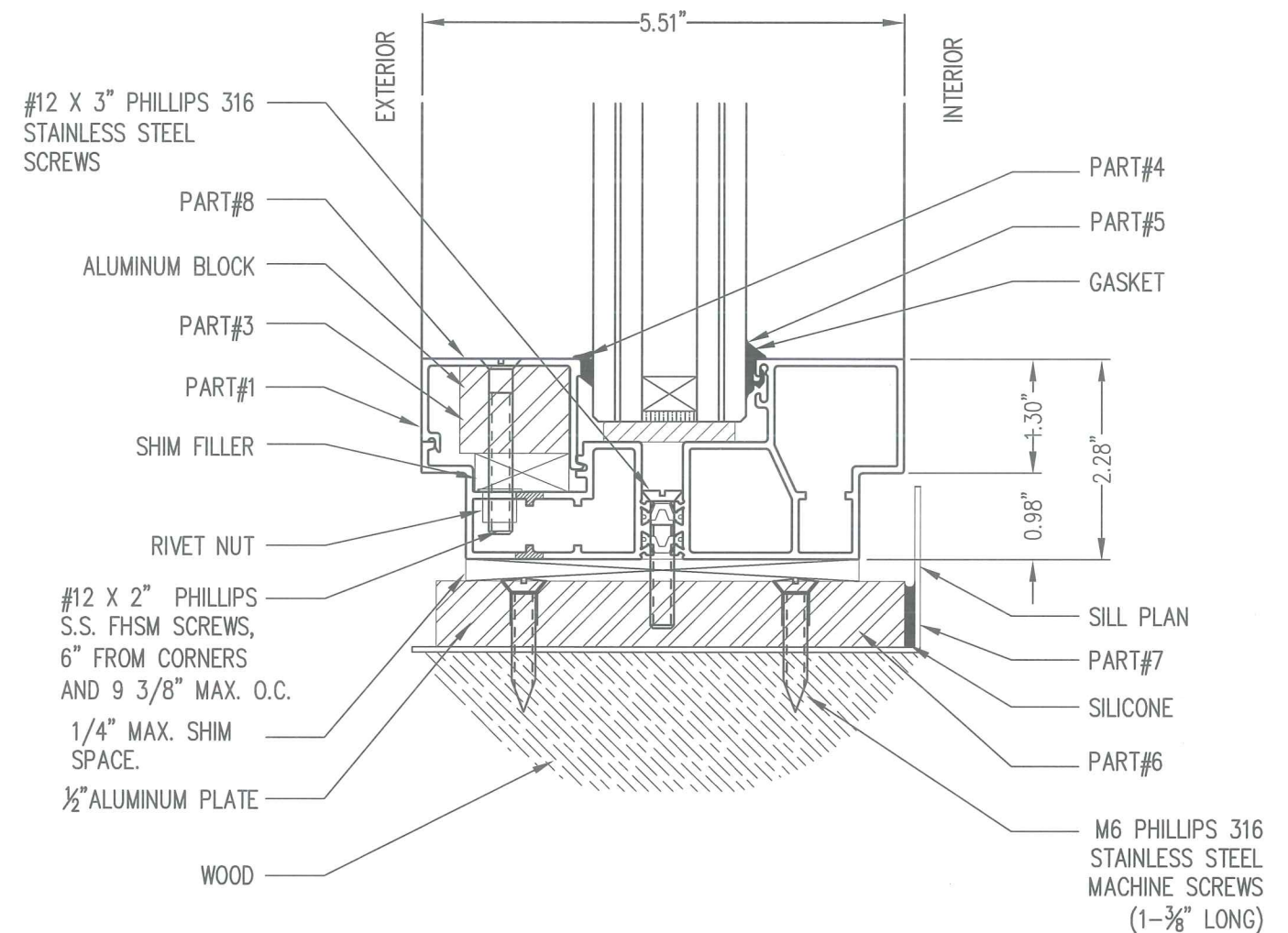
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HEAD SECTION (WOOD AND ALUMINUM)



2
2

SILL SECTION (WOOD AND ALUMINUM)



GOLDBRECHT TH+ SERIES FIXED WINDOW

VERTICAL SECTION

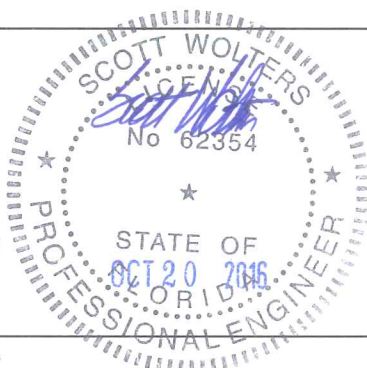


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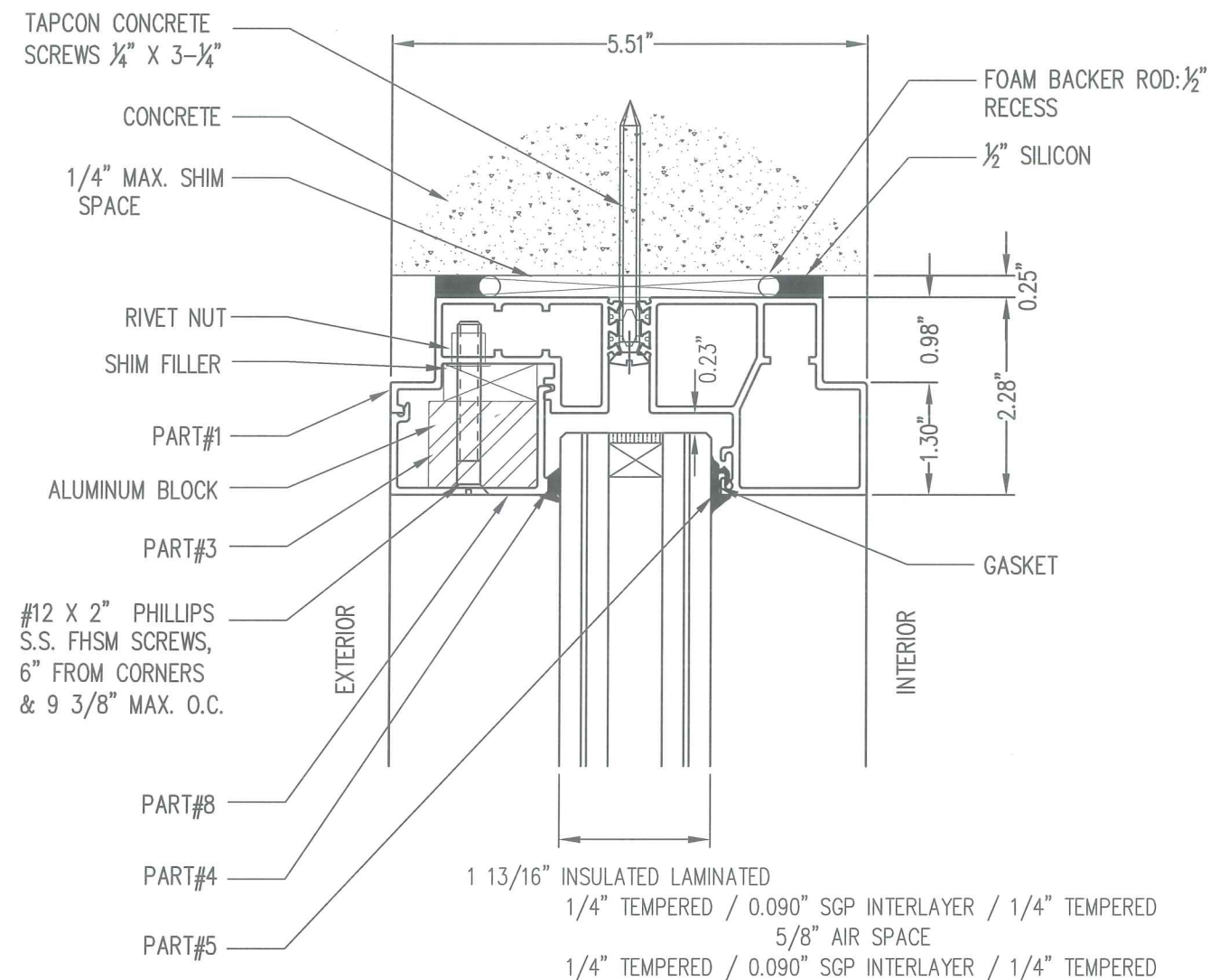
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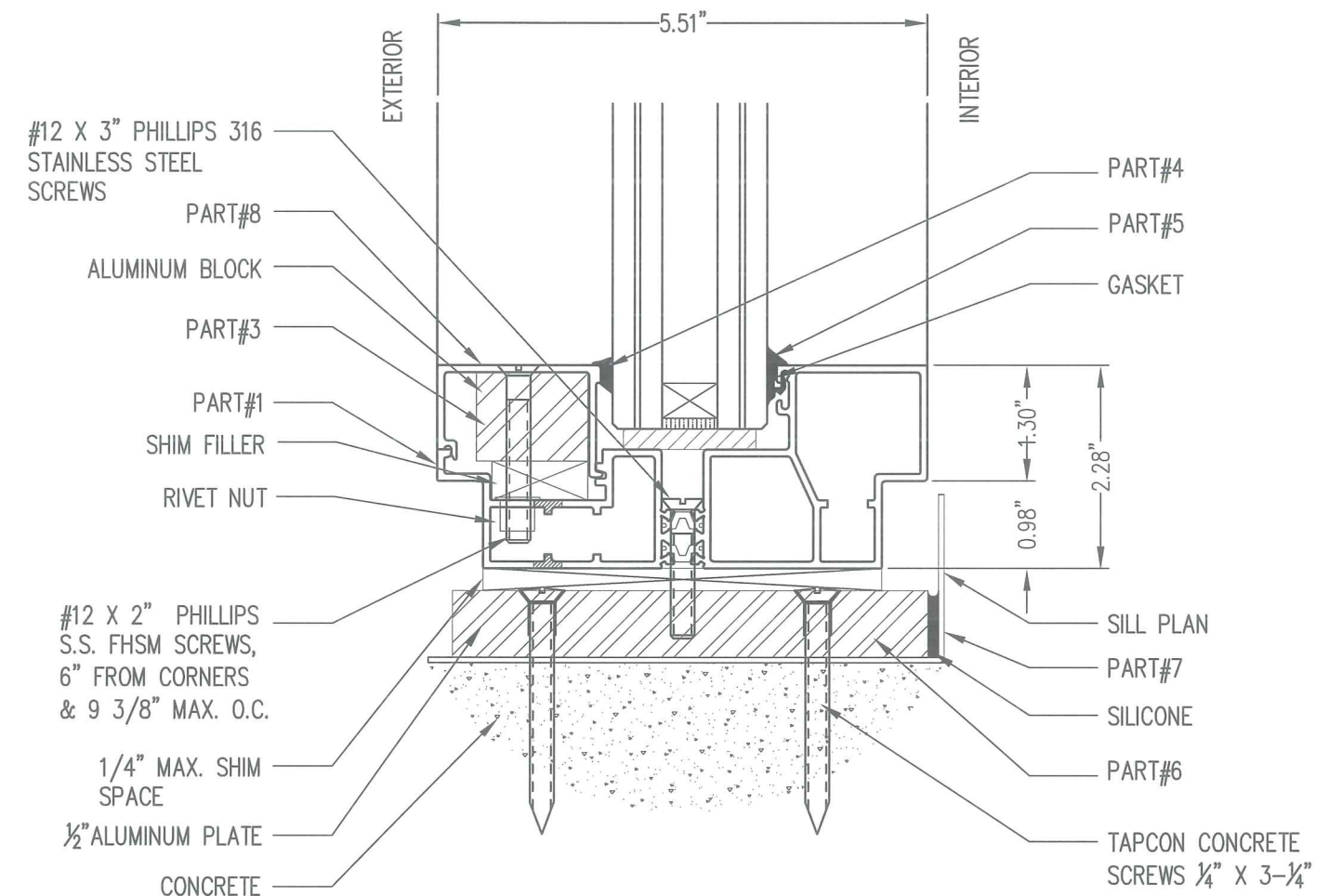
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HEAD SECTION
(CONCRETE)



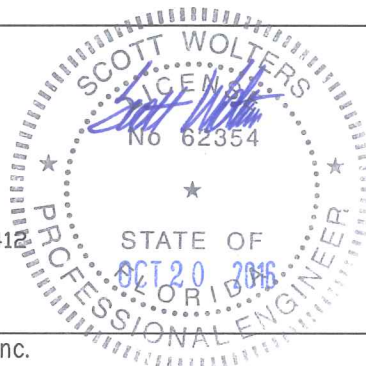
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SILL SECTION
(CONCRETE)



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VERTICAL SECTION



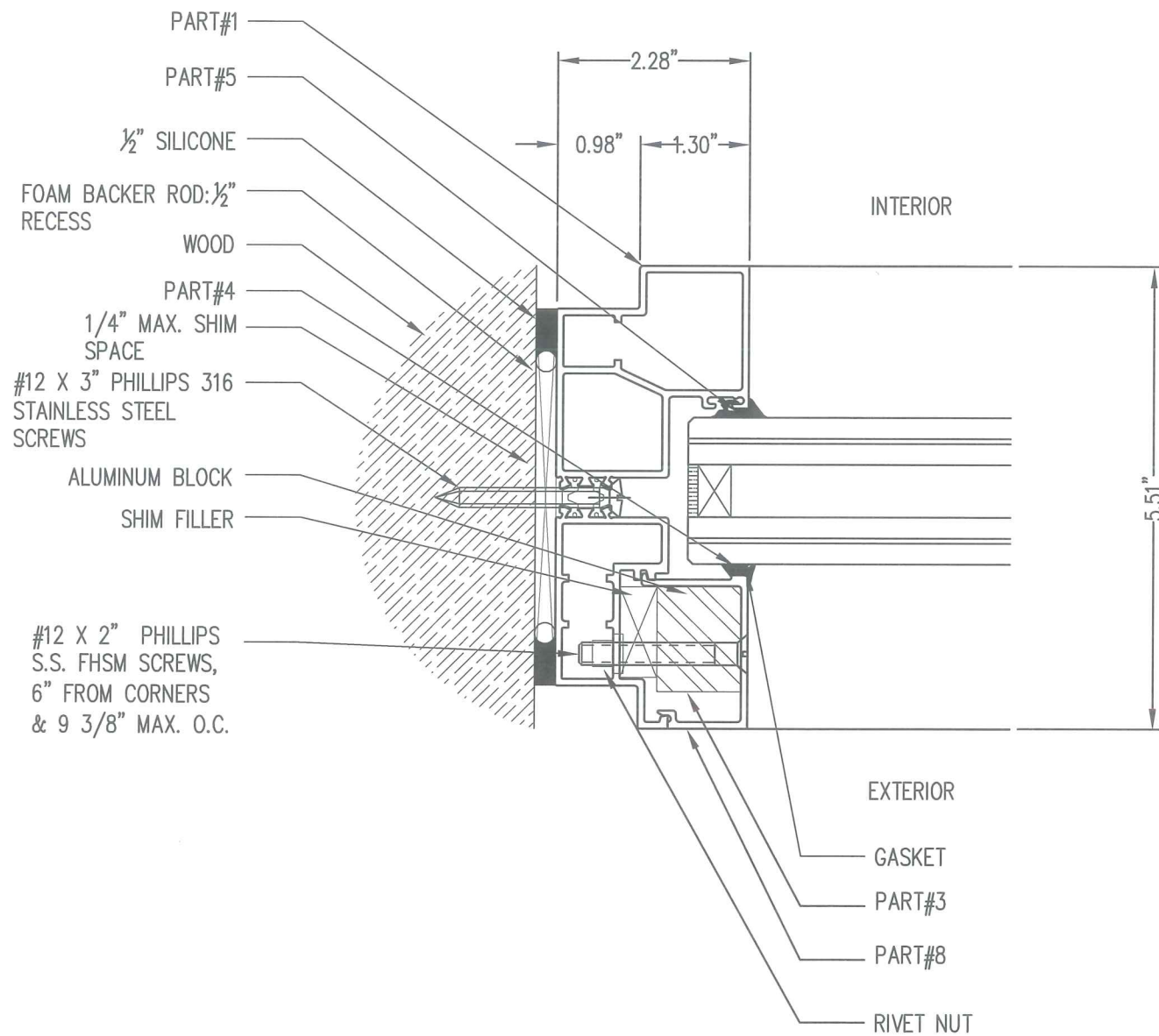
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3

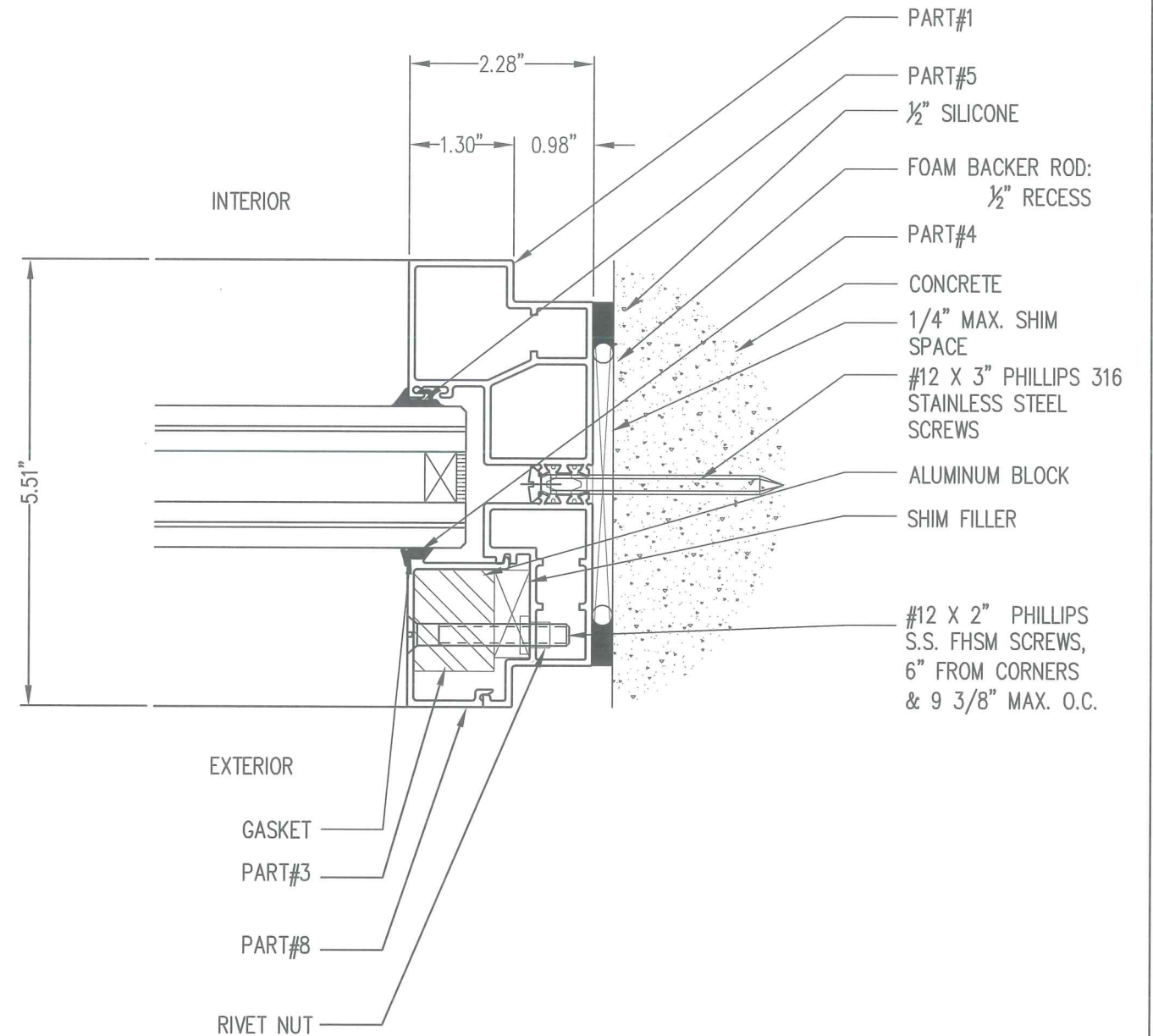
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JAMB SECTION (WOOD AND ALUMINUM)



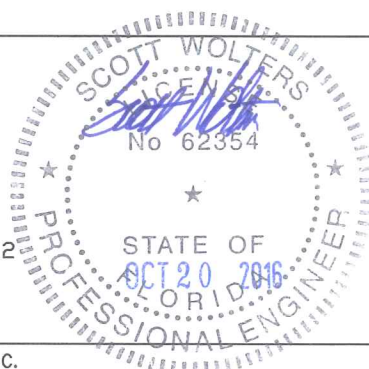
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JAMB SECTION (CONCRETE)



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GOLDBRECHT TH+ SERIES FIXED WINDOW

HORIZONTAL SECTION

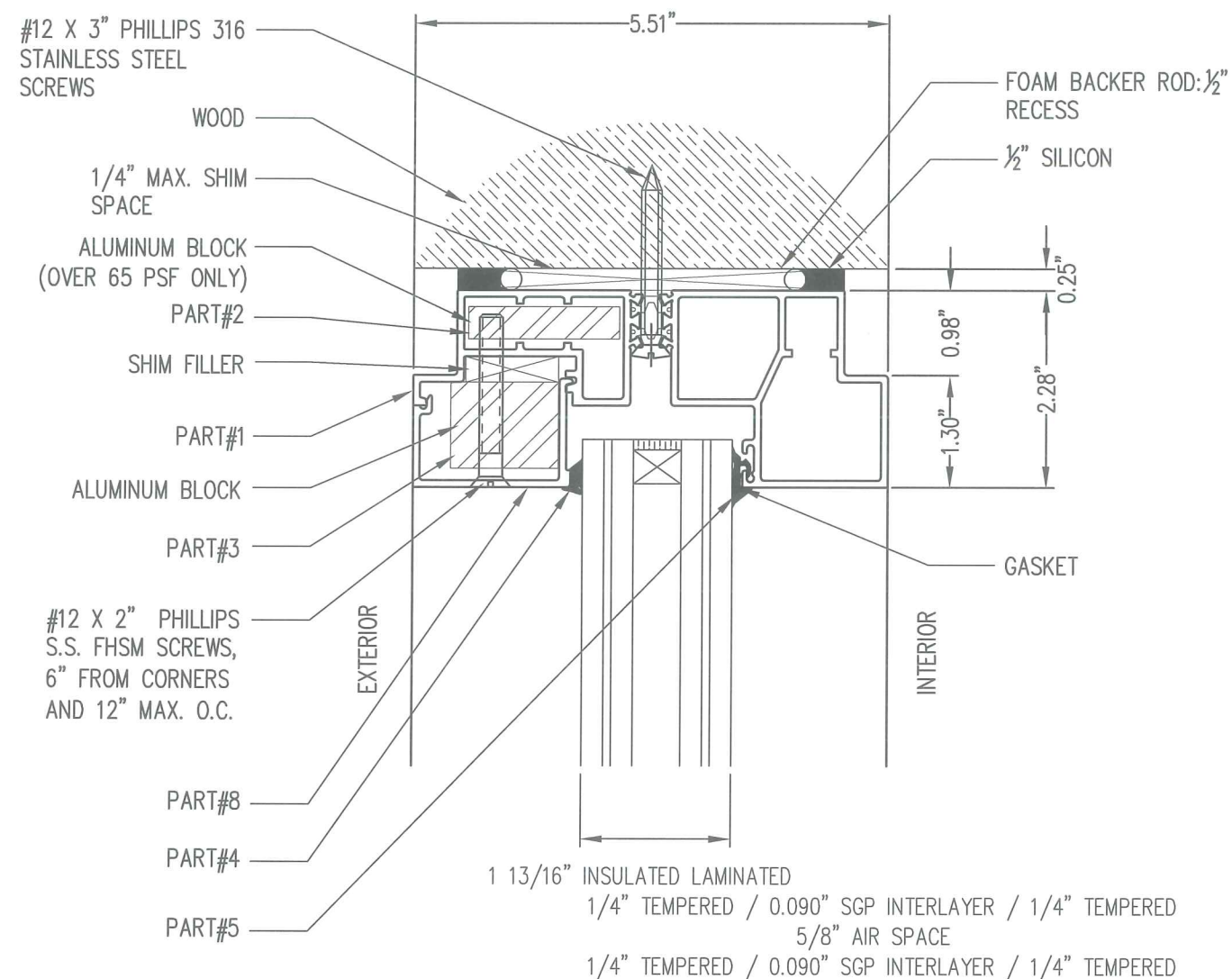


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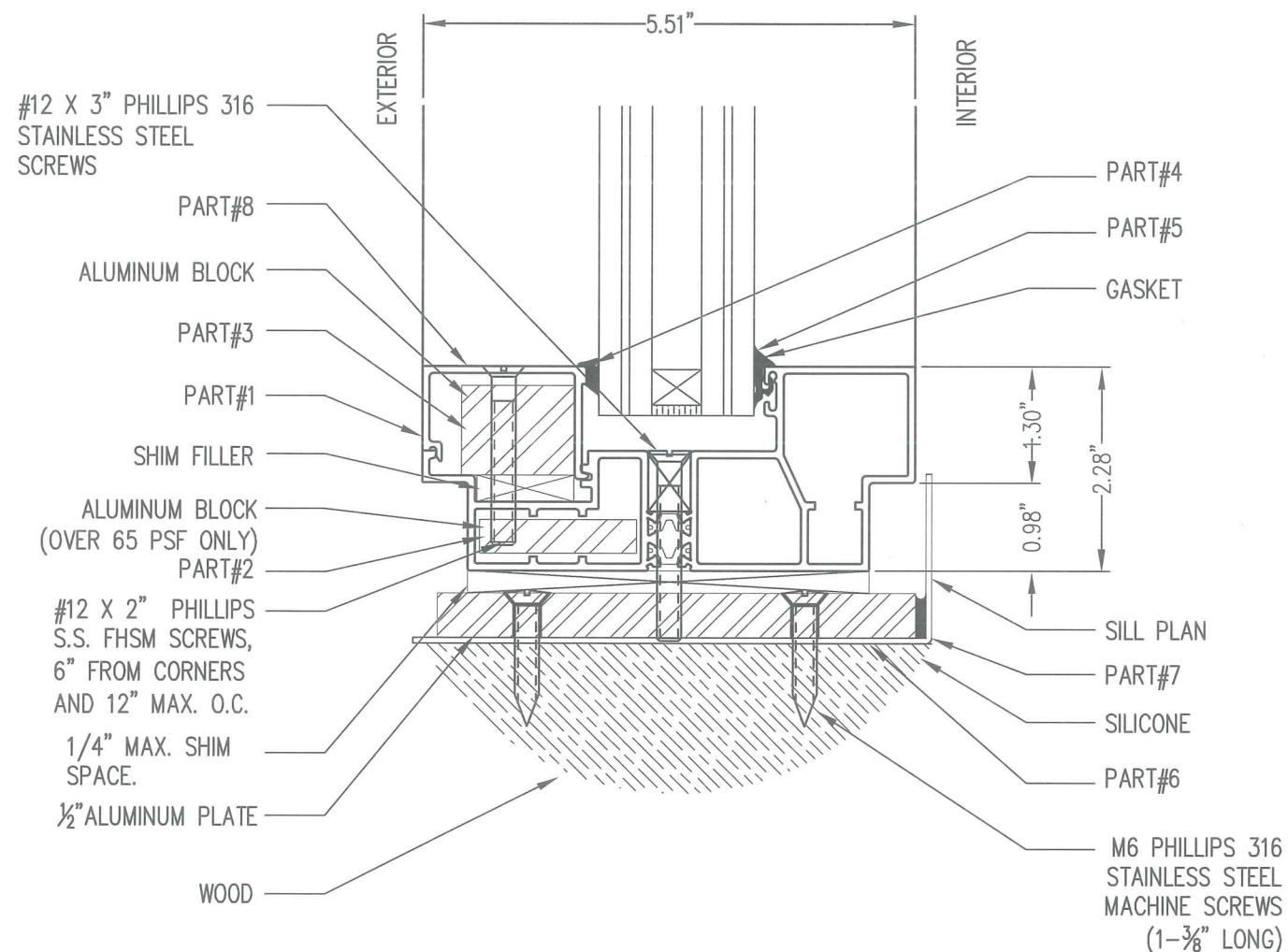
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HEAD SECTION (WOOD AND ALUMINUM)



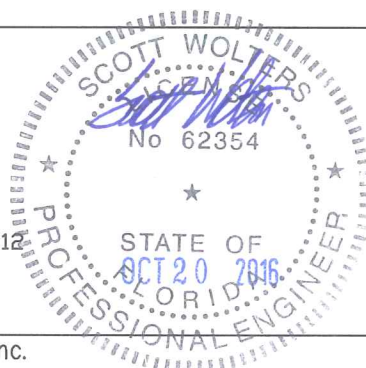
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SILL SECTION (WOOD AND ALUMINUM)



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VERTICAL SECTION



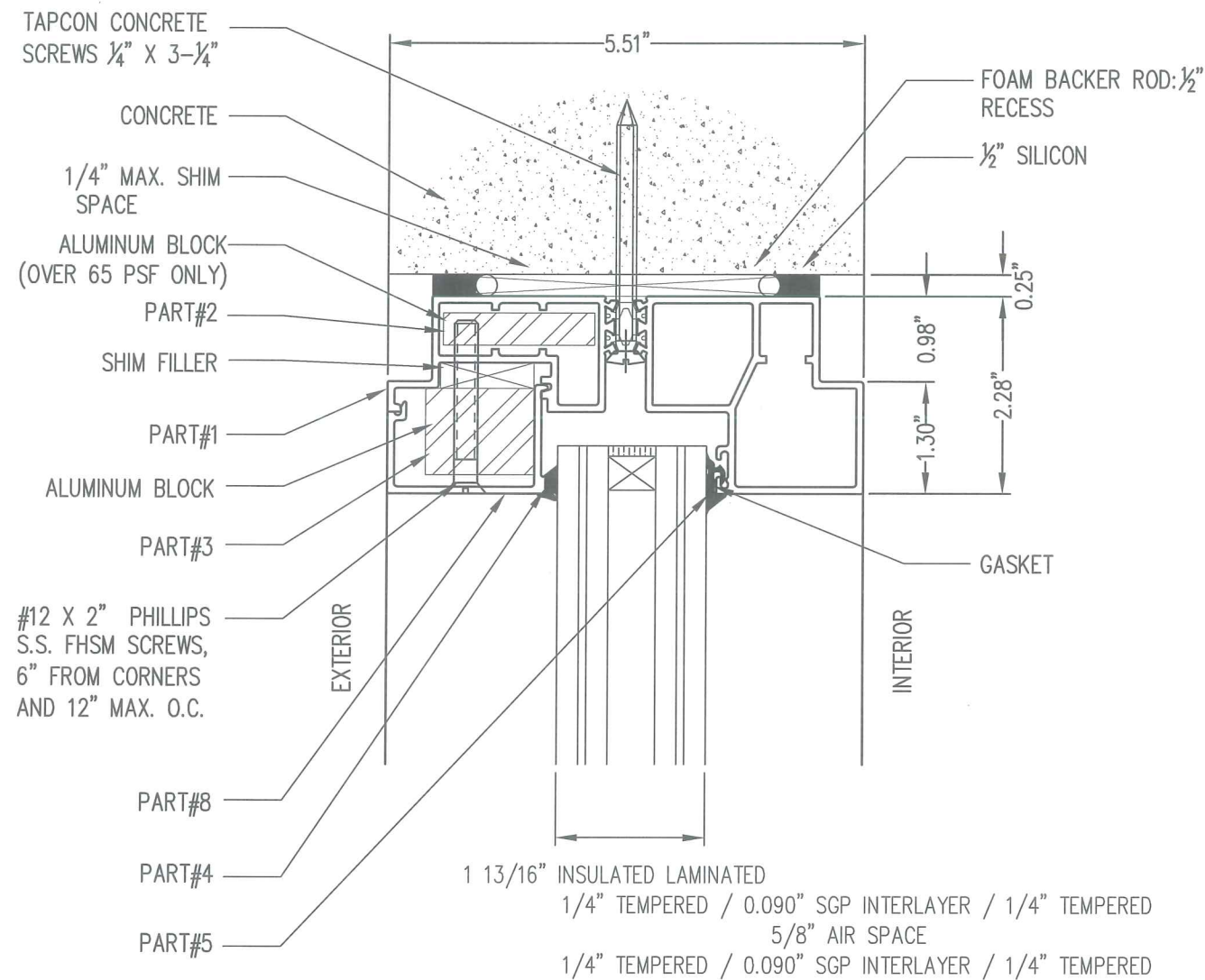
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5

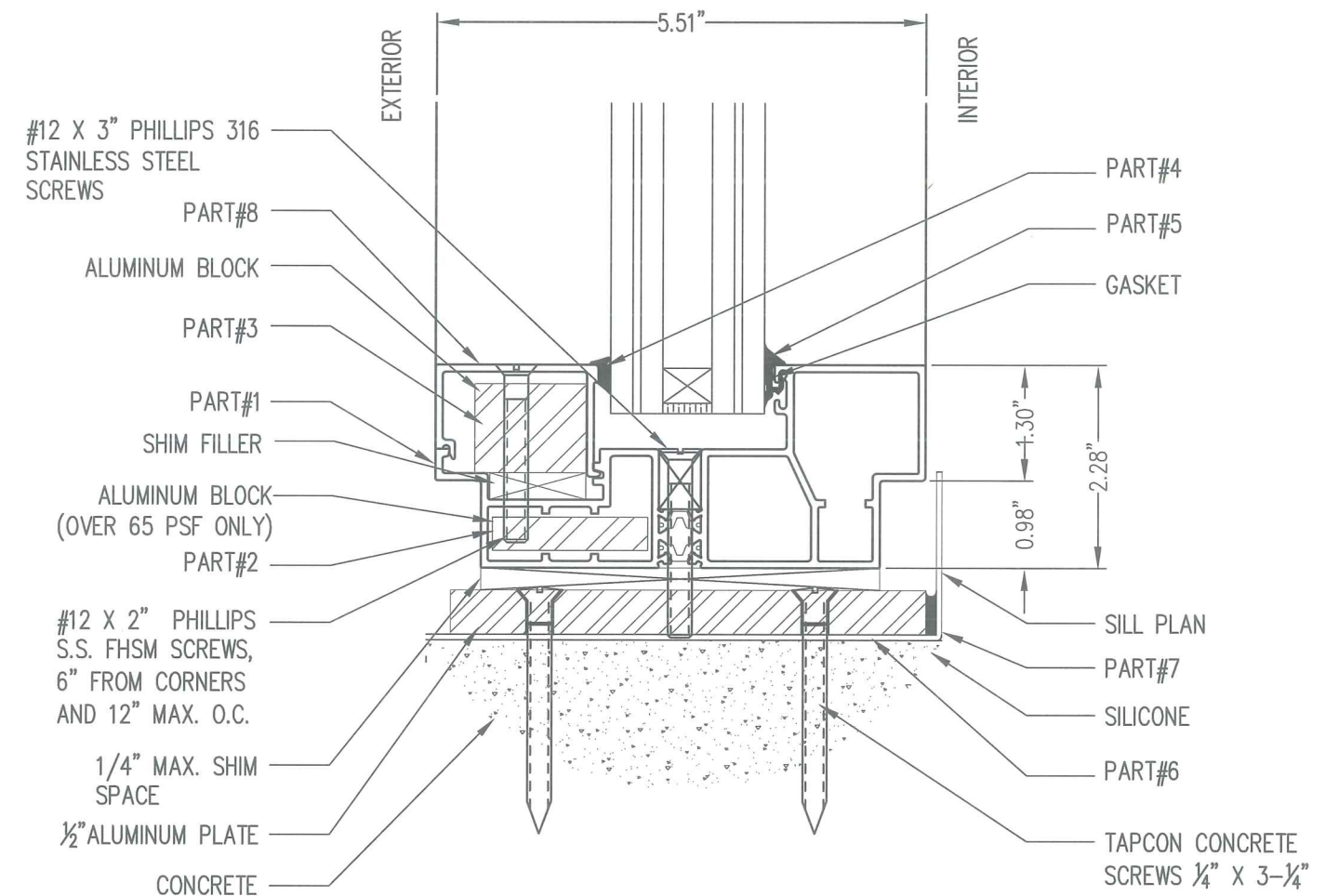
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HEAD SECTION (CONCRETE)



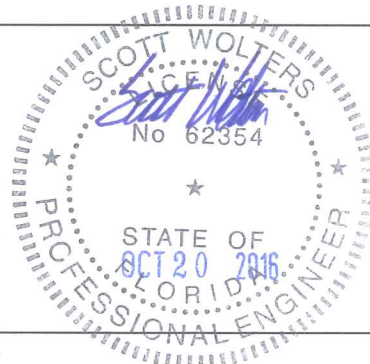
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SILL SECTION (CONCRETE)



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VERTICAL SECTION

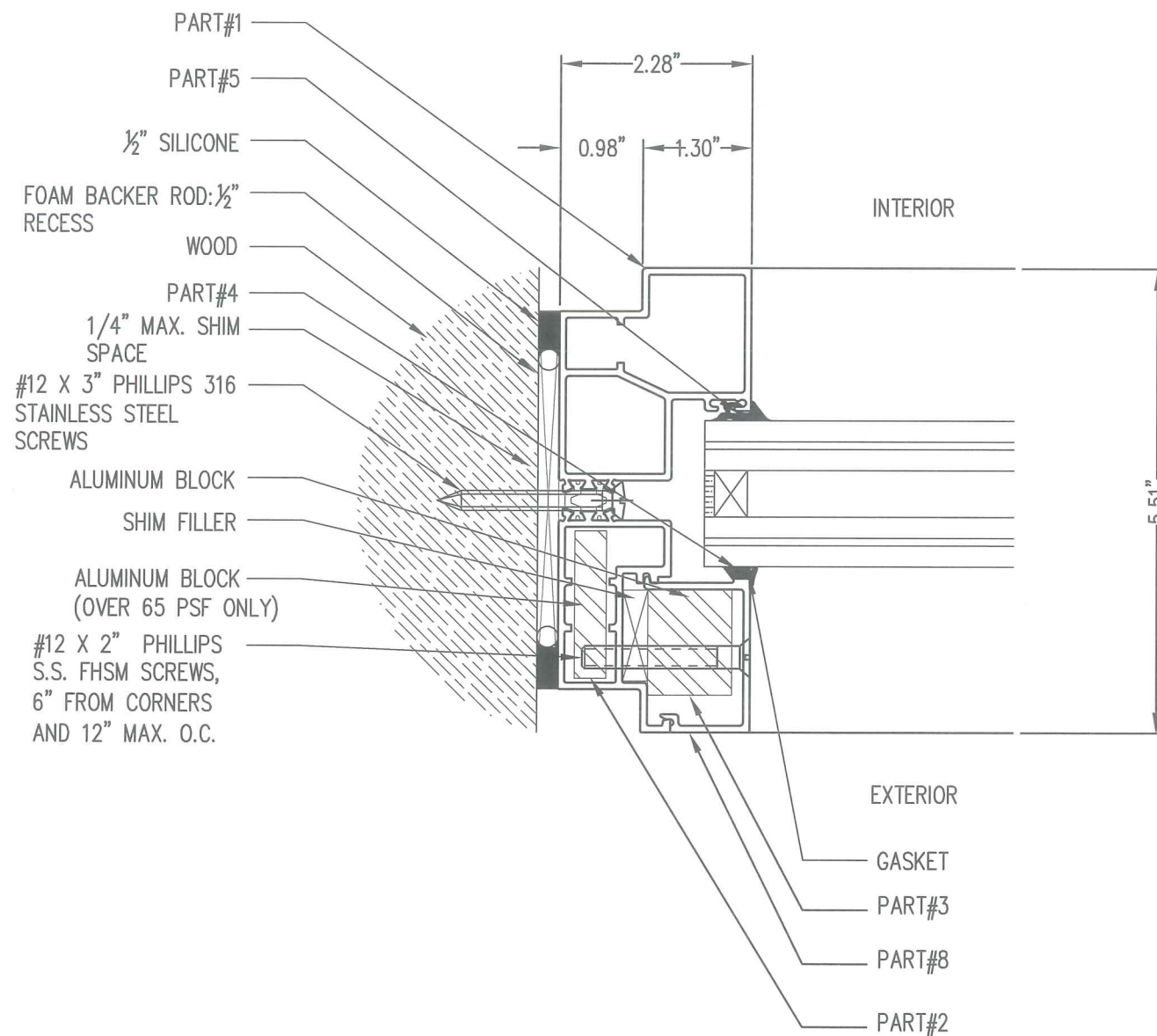


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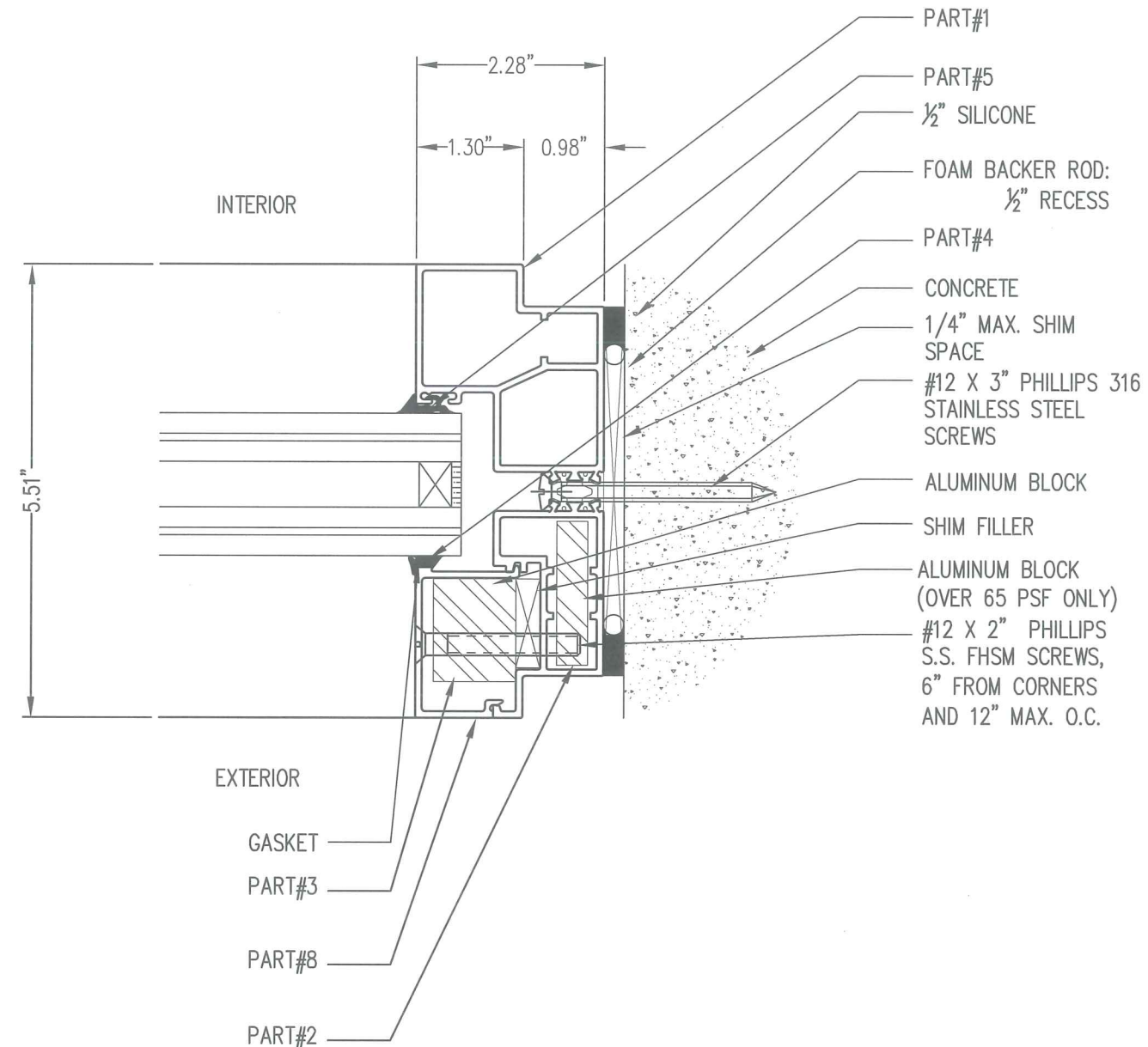
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JAMB SECTION (WOOD AND ALUMINUM)

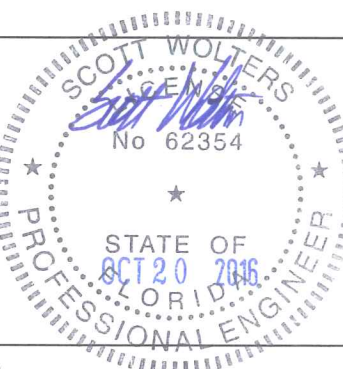


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JAMB SECTION (CONCRETE)



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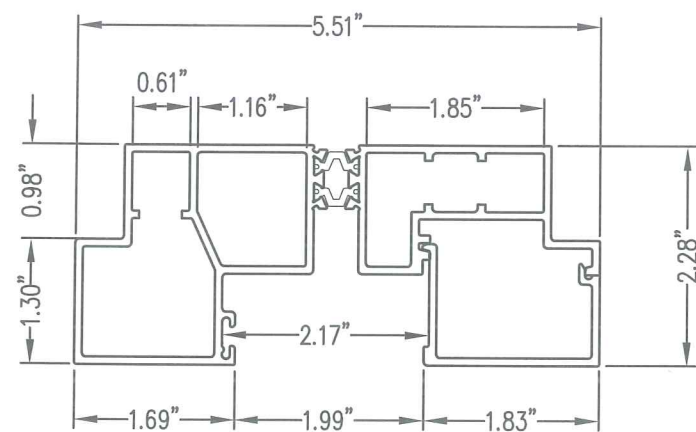
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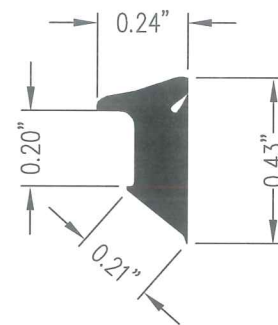
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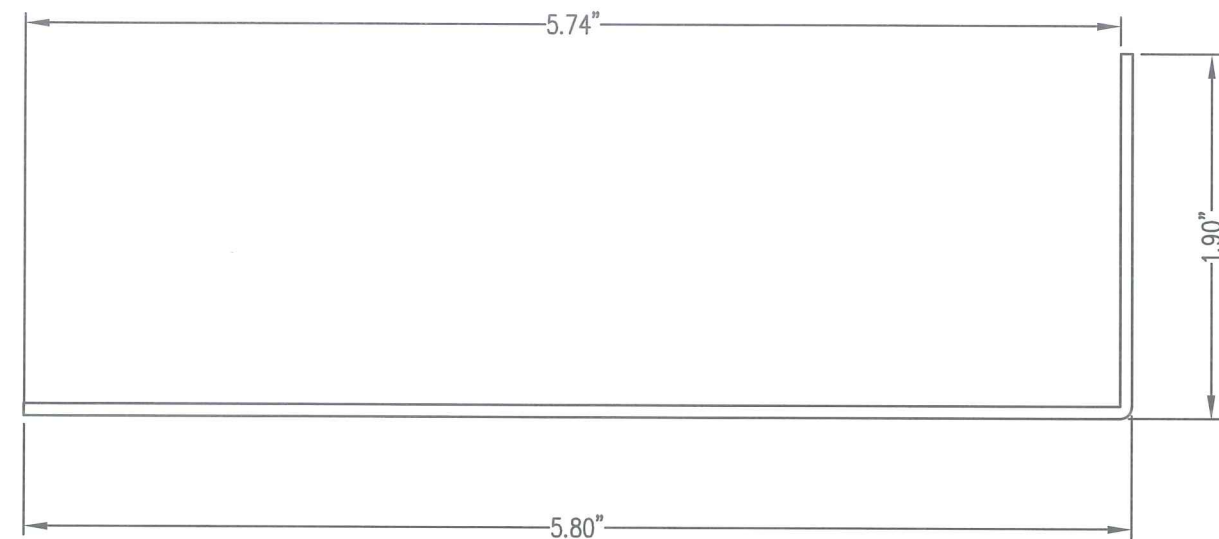
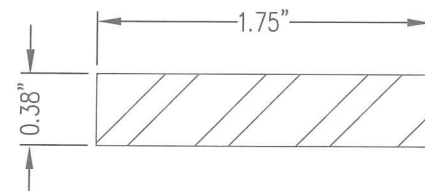
PART #1



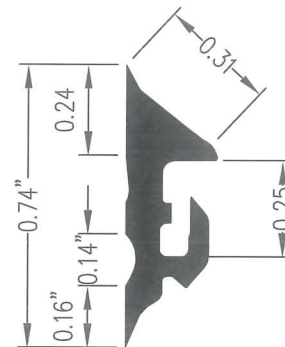
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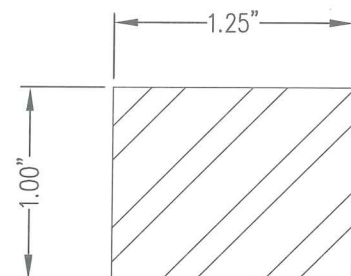
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PART #2
(FOR WINDLOADS > 65 PSF ONLY)

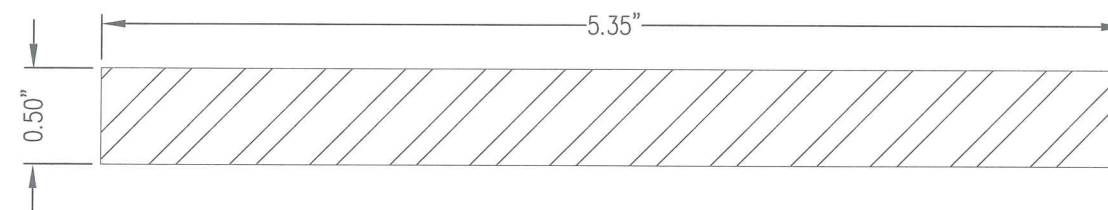
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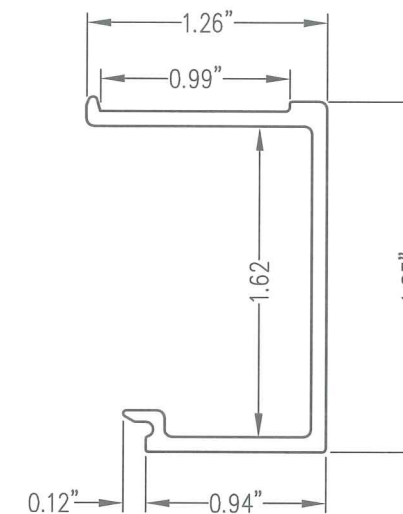
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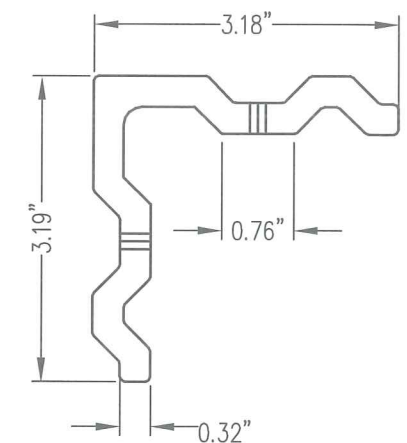
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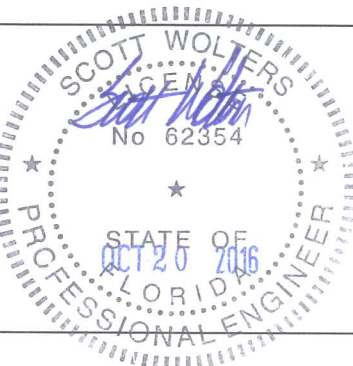
PART #8



PART #9



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PARTS 1 TO 9



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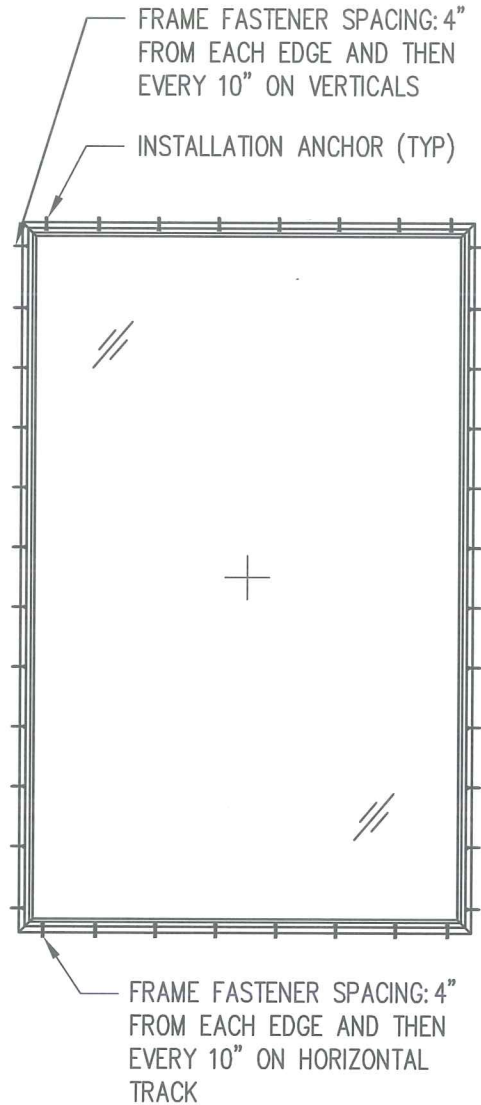
SHEET
8

ITEM	ITEM DESCRIPTION	MANUFACTURER	MATERIAL
PARTS			
1	FRAME MEMBER	VITROCSA	6063-T5 ALUMINUM
8	GLAZING BARS	VITROCSA	6063-T5 ALUMINUM
2	ALUMINUM BAR (REQ'D FOR WL's > 65 PSF ONLY)		6063-T5 ALUMINUM
3	ALUMINUM BAR		6063-T5 ALUMINUM
HARDWARE			
4/5	FIXED PANEL GASKETS	VITROCSA	EPDM
6	ALUMINUM PLATE		6063-T5
7	SILL PAN		STAINLESS STEEL
9	CORNER BRACKET KEY	VITROCSA	6063-T5
SEALS AND SEALANTS			
10	DOW 795 SILICONE SEALANT		DOW CORNING

NOTE:

FOR INSTALLATION TO METAL SUBSTRATES, ANCHORS SHALL BE LONG ENOUGH TO BE FULLY THREADED THROUGH THE METAL THICKNESS WITH AN ADDITIONAL 3/16" MIN. OF THREADS BEYOND.

ANCHOR LAYOUT



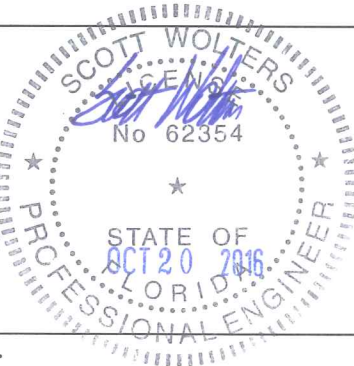
ID	SUBSTRATE	ANCHOR	MIN. EMBEDMENT	MIN. EDGE DISTANCE
A	CONCRETE OR GROUT-FILLED CMU (2850 PSI MIN)	1/4" X 3-1/4" TAPCON CONCRETE SCREWS	1- 3/4"	2- 1/2"
B	CONCRETE (3000 PSI MIN)	1/4" X 3-1/4" TAPCON CONCRETE SCREWS	1"	2- 1/2"
C	HOLLOW OR GROUT-FILLED CMU (ASTM-90)	1/4" X 3-1/4" TAPCON CONCRETE SCREWS	1 1/4"	2- 1/2"
D	2xMIN. SOUTHERN PINE WOOD (G=0.55 MIN.)	#12 PHILLIPS 316 STAINLESS STEEL SCREWS	1- 3/8"	1"
E	16 GAUGE (0.060") MIN. STEEL STUD 33 KSI YIELD MIN.	#12 PHILLIPS 316 STAINLESS STEEL SCREWS	SEE NOTE	1/2"
F	1/8" ALUM. 6063-T5 MIN. OR 1/8" STEEL 33 KSI MIN.	#12 PHILLIPS 316 STAINLESS STEEL SCREWS	SEE NOTE	1/2"

NOTES:

1. INSTALL ONE ANCHOR AT EACH INSTALLATION LOCATION. SILL ANCHOR SPACING SAME AS HEAD.
2. SHIM AS REQ AT EACH INSTALLATION ANCHOR USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
3. LOAD BEARING SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. WOOD SHIMS ARE NOT ALLOWED.
4. SEE THE TABLE ABOVE FOR THE MIN. EMBEDMENT OF THE SCREWS.
5. ALL INSTALLATION ANCHORS MUST BE IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW..
6. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER RESISTANCE ON INSTALLATION SHALL BE DONE BY OTHERS.

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