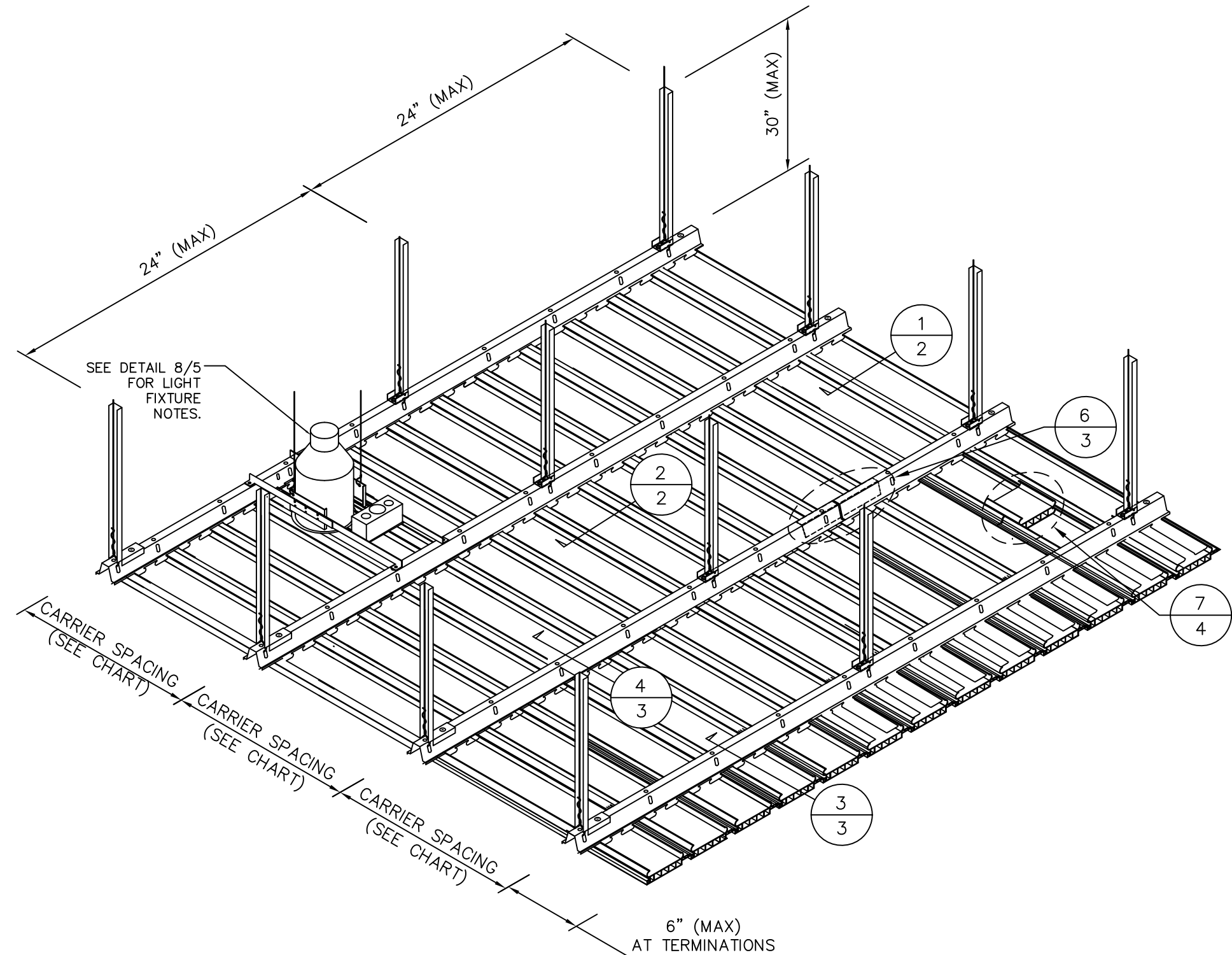


ENDURE LINEAR 900 SERIES POLYMER CEILING PANEL/SOFFIT SYSTEM

GENERAL NOTES:

1. THIS SYSTEM MEETS ALL OF THE REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE, INCLUDING THE HVHZ PROVISIONS.
2. THIS SYSTEM HAS BEEN TESTED PER TAS 202 (STRUCTURAL ONLY), AND TAS 203. IT HAS NOT BEEN TESTED FOR WATER INFILTRATION OR FOR IMPACT RESISTANCE, AND IS APPROVED FOR USE AS A SOFFIT SYSTEM ONLY.
3. DESIGN LOADS MUST BE CALCULATED BY A PROFESSIONAL ENGINEER OR ARCHITECT FOR EACH PROJECT. THE PROJECT (ASD) PRESSURES CANNOT EXCEED THE DESIGN PRESSURES LISTED ON THIS SHEET.
4. ALL ANCHORS SECURING THE SYSTEM TO PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE CHEMICALS IN THE WOOD.
5. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL BE PROTECTED PER FBC REQUIREMENTS.
6. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS PRODUCT. $C_d=1.6$ WAS USED FOR WOOD SCREWS ONLY.
7. FASTENER EMBEDMENTS LISTED ARE BEYOND WALL DRESSING OR STUCCO. FASTENERS IN STEEL STUDS MUST FULLY PENETRATE THE WALL OF THE STUD, WITH 3 ADDITIONAL THREADS BEYOND.

CARRIER SPACING CHART	
CARRIER SPACING (in)	MAX DESIGN PRESSURE (psf)
16	+50/-50
18	+48.75/-45.63
20	+47.5/-41.25
22	+46.25/-36.88
24	+45/-32.5



Digitally signed
by Scott Wolters
Date: 2025.05.05
21:39:52 -04'00'

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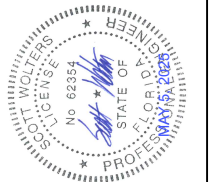
SCOTT WOLTERS
FL PE# 62354

WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33411
(561) 225-1982

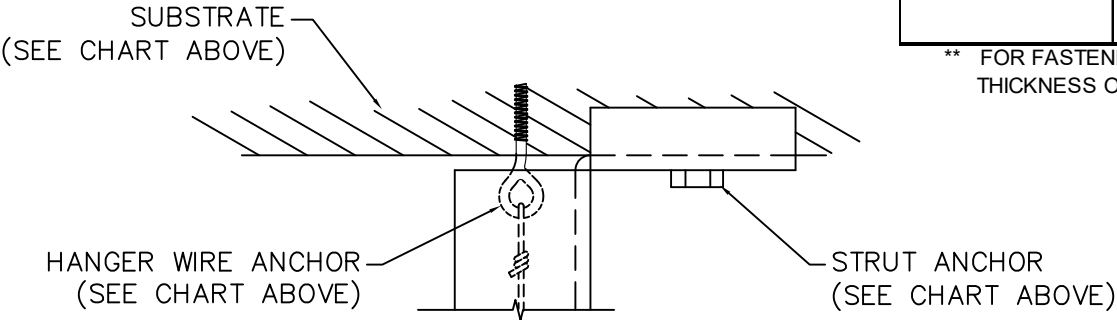
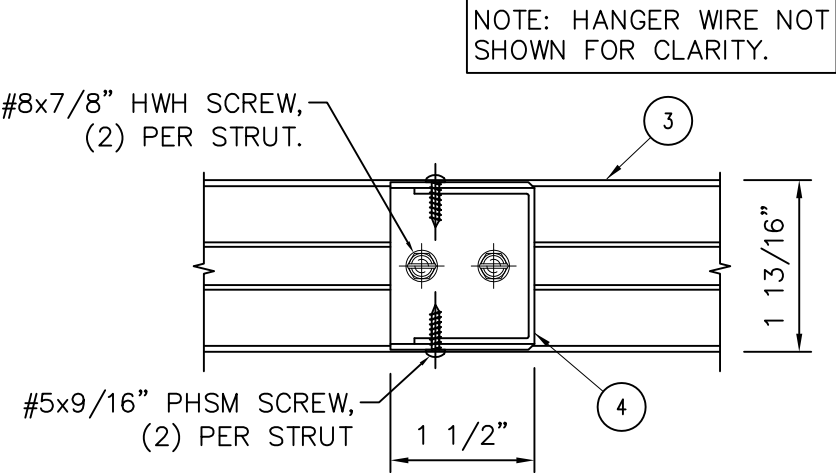
DWG: REL-900HZ SHEET:	1 / 5
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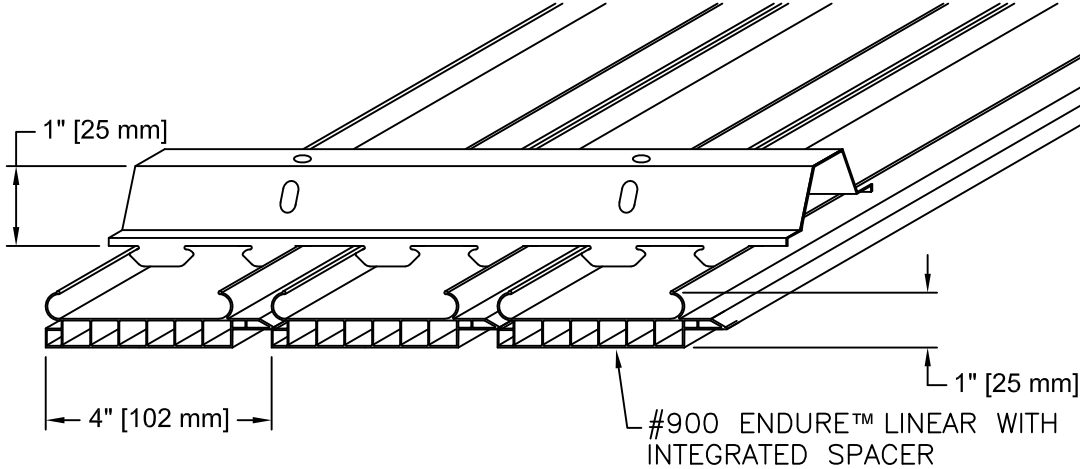
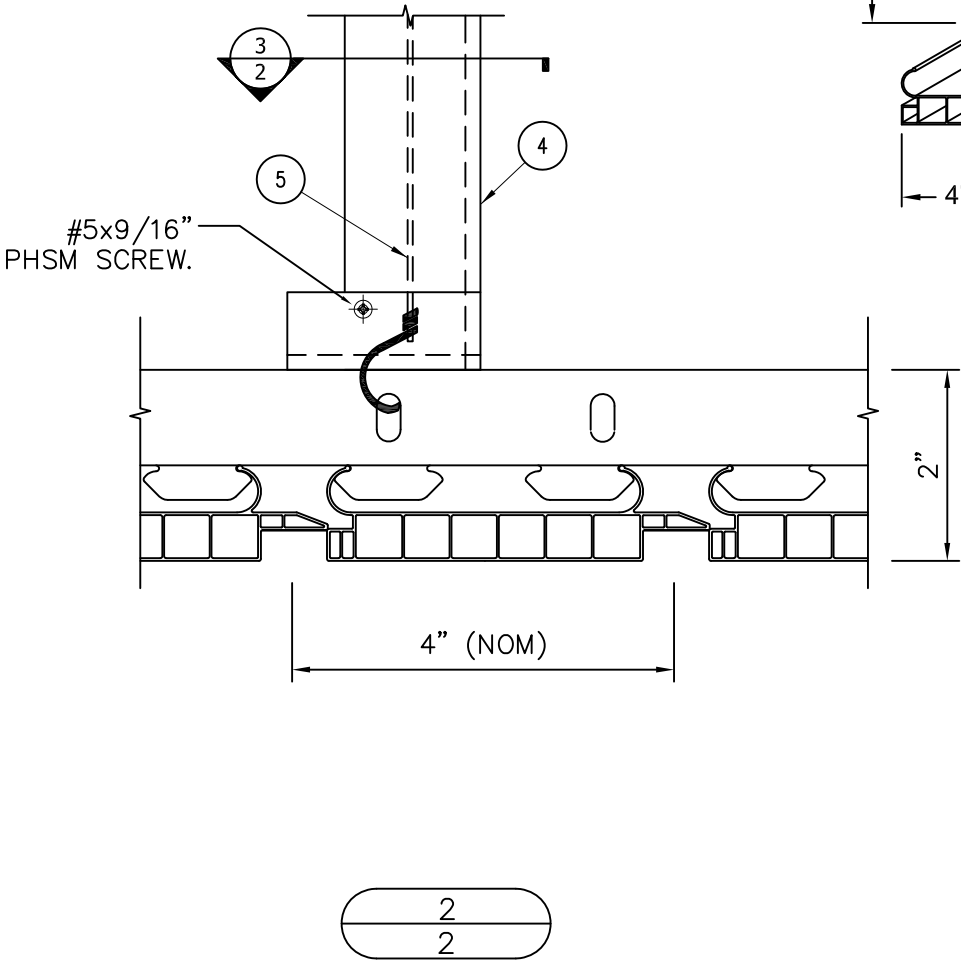
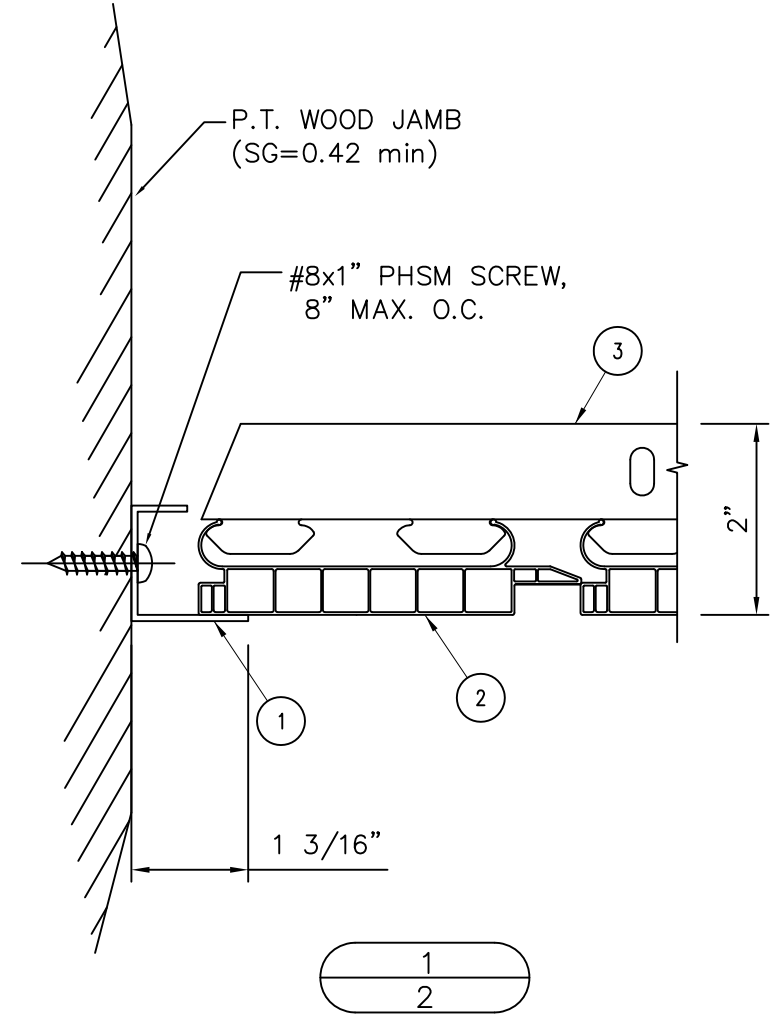


ENDURE LINEAR 900 SERIES POLYMER CEILING PANEL/SOFFIT SYSTEM



ANCHOR SCHEDULE				
FASTENER LOCATION	DESCRIPTION	BASE MATERIAL	EMBEDMENT (MIN)	EDGE DISTANCE (MIN)
HANGER WIRE	1/4" DIA. EYE-BOLT LAG SCREW	WOOD (2x, SG=0.42 min)	2"	5/8"
	1/4" DIA. TEKS-TYPE SCREW (WITH 20 Ga. MIN CLIP ANGLE)	METAL STUD (16 Ga., Fut=45 ksi min)	FULL**	13/16"
	1/4" DIA. HILTI HHDA+ CEILING HANGER ANCHOR	CONCRETE (1/4" min, 36 ksi min)	1 1/8"	4"
STRUT	#8 DIA. PHSM SCREW (1) PER STRUT	WOOD (2x, SG=0.42 min)	7/8"	5/8"
	1/4" DIA. TEKS-TYPE SCREW (1) PER STRUT	METAL STUD (16 Ga., Fut=45 ksi min)	FULL**	13/16"
	1/4" DIA ULTRACON (1) PER STRUT	CONCRETE (3000 psi min)	1"	3"

** FOR FASTENERS IN STEEL, FASTENER THREADS MUST FULLY PENETRATE THE WALL THICKNESS OF THE STEEL, WITH THREE ADDITIONAL THREADS BEYOND.



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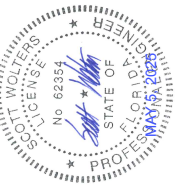


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SHEET: 2/5

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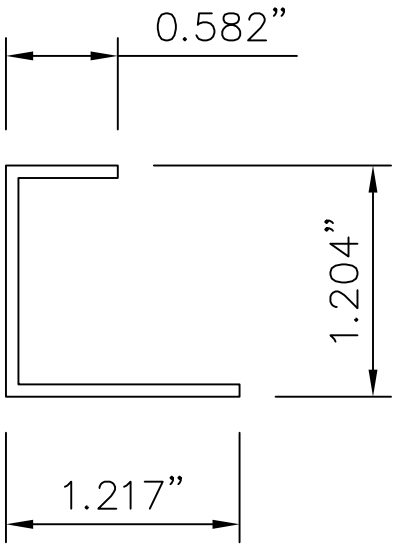
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FI PF# 62354

REL-900

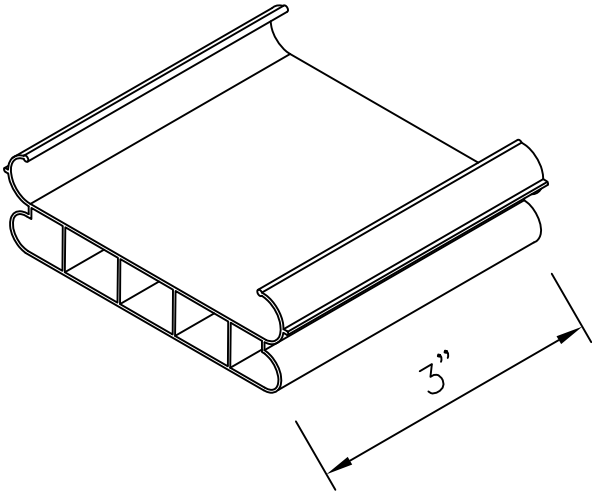
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ENDURE LINEAR 900 SERIES POLYMER CEILING PANEL/SOFFIT SYSTEM

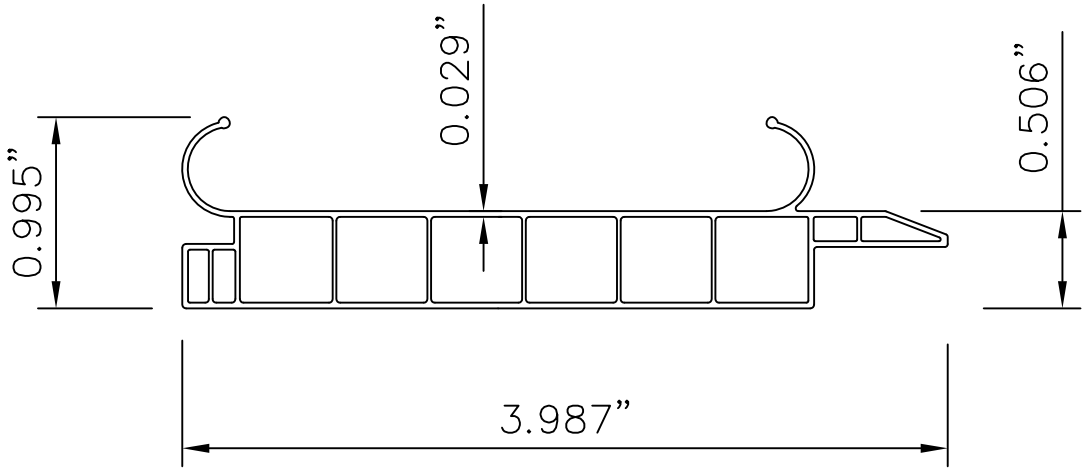
BILL OF MATERIALS		
NO.	DESCRIPTION	MATERIAL
1	ENDURE 870 PERIMETER TRIM	ENGINEERED POLYMER (PVC)
2	ENDURE LINEAR 900 PANELS	ENGINEERED POLYMER (PVC)
3	ENDURE 880 LINEAR CARRIER	20 Ga GALVANNEALED STEEL
4	SUPPORT STRUTS	20 Ga. STEEL
5	HANGAR WIRES	12 Ga. STEEL WIRE
6	ENDURE 890 CARRIER CONNECTOR	20 Ga GALVANNEALED STEEL
7	ENDURE 850s PANEL SPLICE	ENGINEERED POLYMER (PVC)



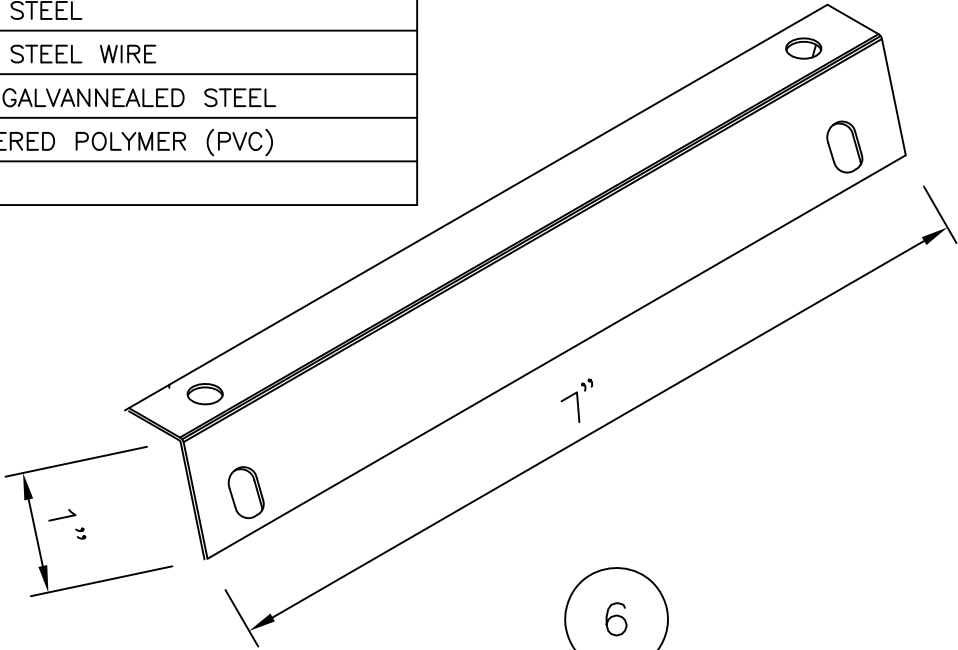
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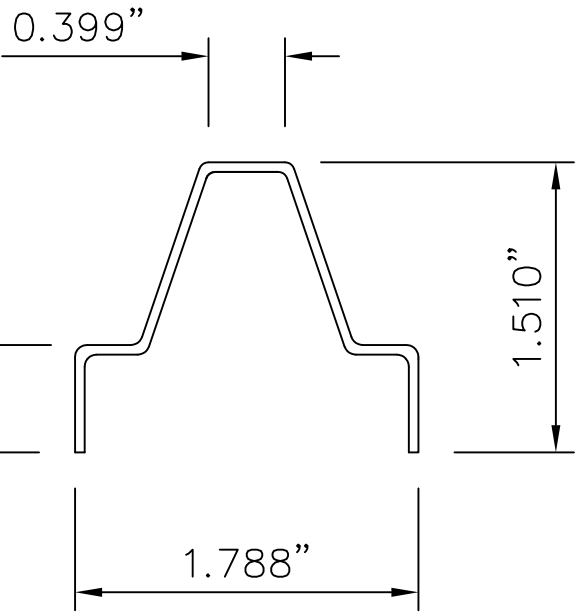
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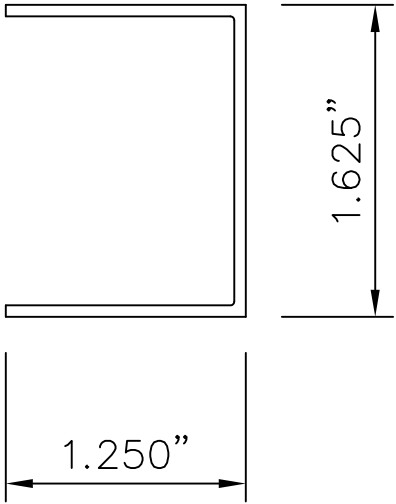
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6



3



4



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DWG: REL-900HZ
SHEET: 5/5

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1ST SUBMITTAL	—	5/20/25
PRINTS ISSUED FOR	REV.#	DATE