

NOTES:  
 THE EXAMPLE LAYOUT AND CORRESPONDING BOM SHOWN ARE MEANT TO BE USED AS REFERENCE POINTS WHEN SPECIFYING A DESIGNFLEX SYSTEM.  
 IF YOU PLAN TO USE THE EXACT LAYOUT SHOWN, OR ANY VARIATION THEREOF, CONSIDER THE FOLLOWING NOTES:

- 1) DRAWING DETAILS SHOW A CEILING PLAN VIEW WHICH IS FROM A PLENUM POSITION LOOKING DOWN ONTO THE BACKSIDE OF THE CEILING SYSTEM. BOM LISTS DESCRIPTIONS THAT COORDINATE WITH THE DATA PAGES, AND THESE ITEM DESCRIPTIONS ARE BASED ON VIEWING THE FACE OF THE PRODUCTS.
- 2) ANGLE BRACKETS AND CORNER BRACKETS ARE INSTALLED AT STANDARD 6" OC ROUTE HOLE INCREMENTS ALONG THE MAIN BEAMS - ALL MAIN BEAMS ARE INSTALLED WITH ALIGNED ROUTE HOLES.
- 3) ANGLE BRACKETS USED WITHIN LAYOUTS HAVE SCREWS, WASHERS, AND NUTS INCLUDED WITH THEM FOR FASTENING TO MAIN BEAMS. IF CORNER BRACKETS ARE USED IN THE SYSTEM THEY WILL REQUIRE SCREWS THAT ARE NOT INCLUDED AND NEED TO BE SUPPLIED BY OTHERS.
- 4) SCREWS, RIVETS, AND OTHER GENERAL FASTENERS THAT ARE NOT INCLUDED IN BOM OR IN DETAILS BELOW, NEED TO BE SUPPLIED BY OTHERS. REFER TO INSTALLATION INSTRUCTIONS FOR DETAILS ON REQUIRED FASTENERS.
- 5) HANGER WIRE LOCATIONS SHOWN BELOW ARE ONLY SUGGESTIONS BASED ON EXAMPLE LAYOUT AND CAN BE MOVED IN ACCORDANCE WITH FOLLOWING REQUIREMENT - HANGER WIRES ARE REQUIRED ALONG MAINS WITHIN 24" OF THE WALL AND NO MORE THAN 48" O.C THEREAFTER.
- 6) CONDITIONS SHOWN ARE FOR NON-SEISMIC INSTALLATIONS (SEISMIC DESIGN CATEGORY A,B) - REFERENCE INSTALLATION INSTRUCTIONS FOR CONSIDERATIONS AND REQUIREMENTS FOR SEISMIC INSTALLATIONS.
- 7) DETAILS BELOW AND BOM ARE SUBJECT TO CHANGES AT THE PERIMETER BASED ON THE LAYOUT (LINEAR FEET OF PERIMETER, FULL SIZE VS. CUT PANELS, BORDER PANEL INSTALLATION METHOD).
- 8) 7800 WALL ANGLE PERIMETER SHOWN BELOW. REFERENCE INSTALLATION INSTRUCTIONS FOR DETAILS ON ALTERNATIVE PERIMETER SOLUTIONS.
- 9) BOM DOES NOT ACCOUNT FOR THE USE OF SCRAP OR EXCESS MATERIAL CUT FROM OTHER ITEMS.
- 10) REFER TO MASTER PARTS SHEET, PANEL SHEET, AND INSTALLATION INSTRUCTIONS ILLUSTRATIONS SHEET FOR SPECIFIC DETAIL VIEWS AND DIAGRAMS OF ALL PARTS AND PIECES LISTED IN BOM.

SH-0034-3 BILL OF MATERIALS				
ITEM	QTY	STOCK NUMBER	DESCRIPTION	
1	16	7800	Angle Molding	
2	76	7500/7501	12" ID/HD Suprafine Main Beam	
3	304	75AB60L	Suprafine 60 Deg. Left Angle Bracket	
4	304	75AB60R	Suprafine 60 Deg. Right Angle Bracket	
5	320	XM756024	Suprafine 60 Deg. Cross Tee - 24in MBS	
6	70	BERC2	2" Beam End Retaining Clip	
7	80	100016	Lyra 9/16" Square Tegular - 60 Deg. 24 in Base Right Parallelogram	
8	80	100017	Lyra 9/16" Square Tegular - 60 Deg. 24 in Base Left Parallelogram	
9	180	100011	Lyra 9/16" Square Tegular - 60 Deg. 48 in Base Trapezoid	
10	209	7891	12 Gauge Hanger Wire (Qty. = number of min. hanging point locations)	

EXAMPLE LAYOUT AND BOM SHOWN WITH LYRA PANELS AND SUPRAFINE SUSPENSION SYSTEM

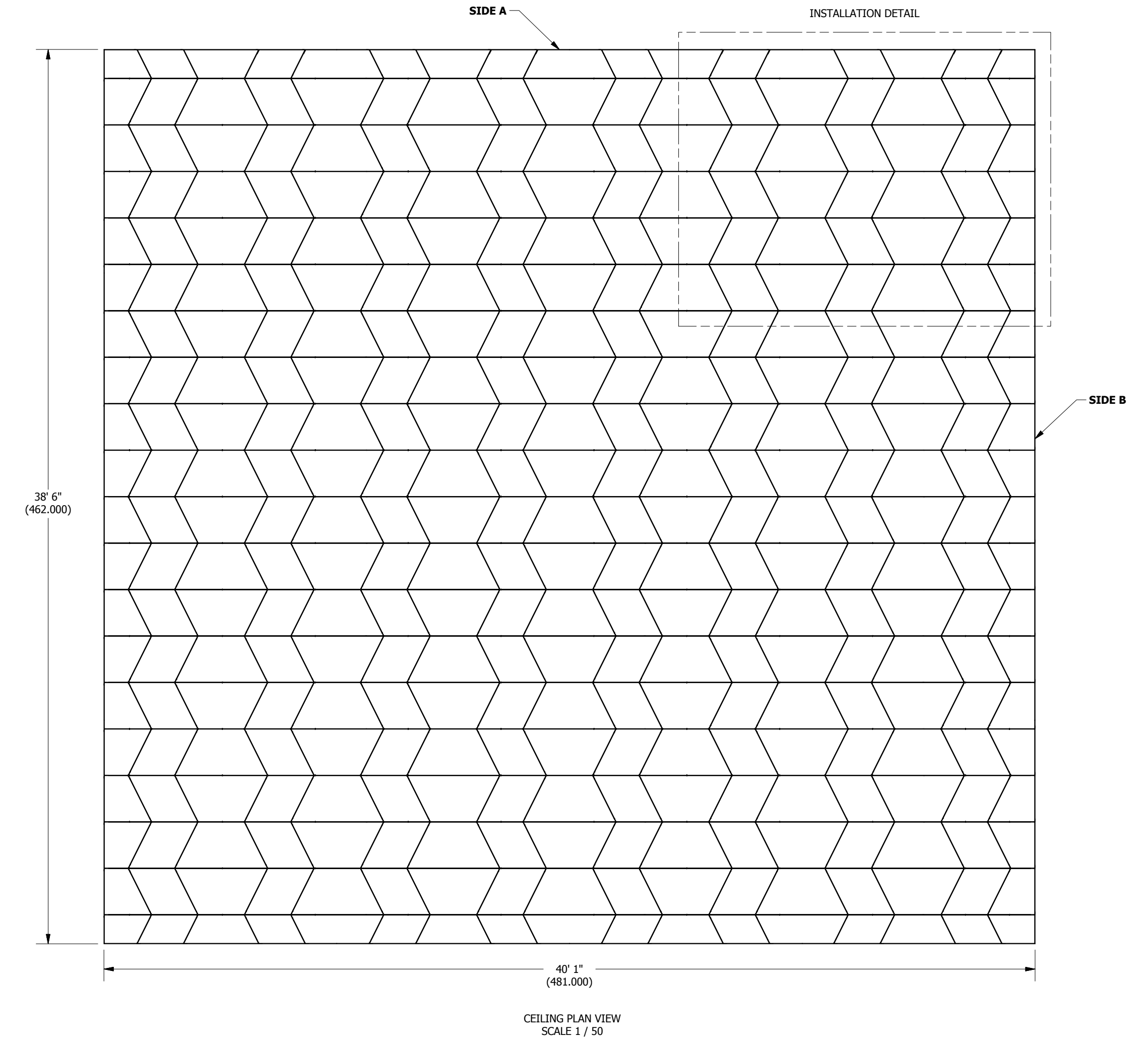
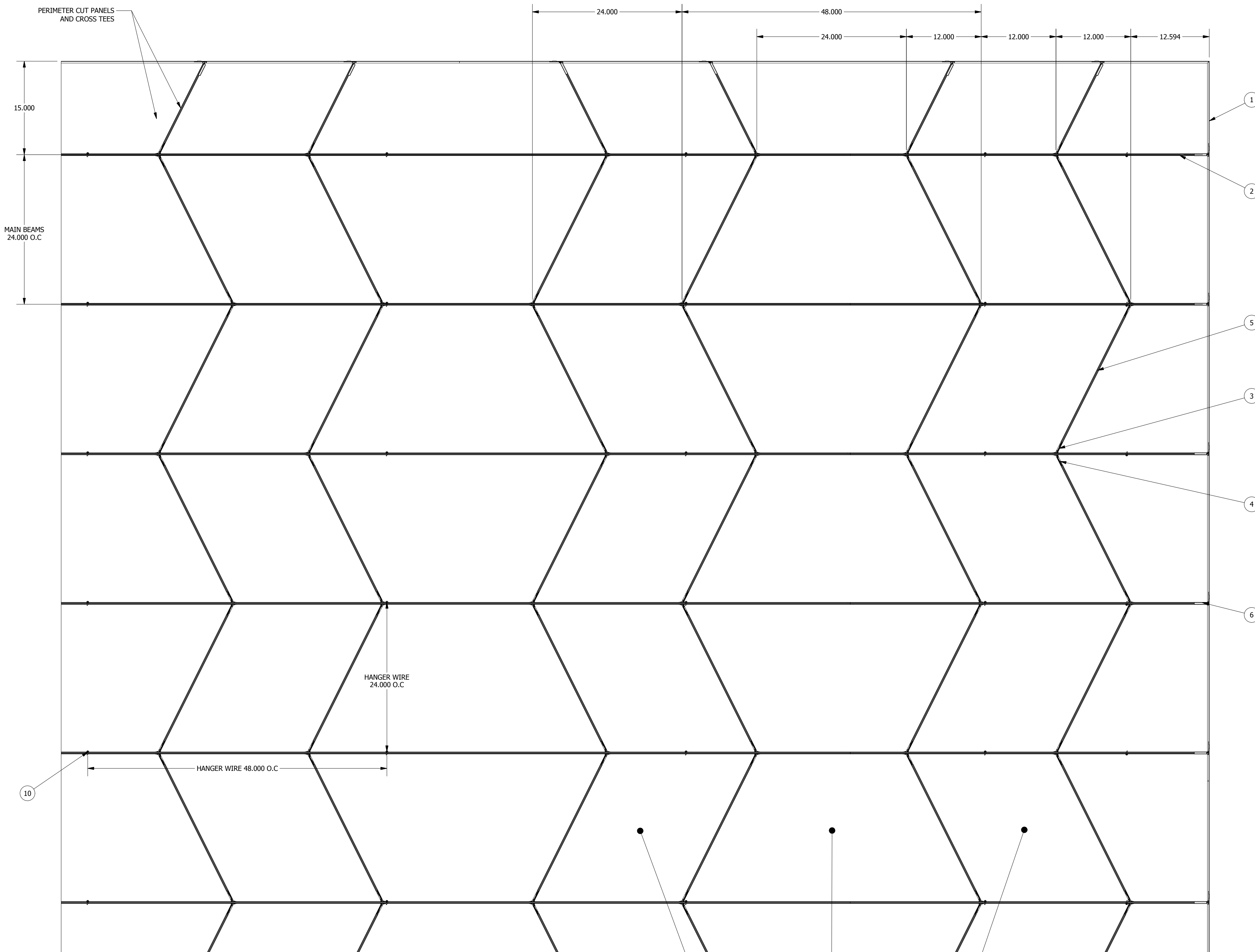
PANEL PRODUCT FAMILIES COMPATIBLE WITH THIS LAYOUT:  
 LYRA, OPTIMA, CALLA, ULTIMA, METALWORKS TEGULAR, AND WOODWORKS TEGULAR

SUSPENSION SYSTEMS COMPATIBLE WITH THIS LAYOUT:  
 SUPRAFINE ID/HD

**SIDE A** - REPRESENTS A BORDER CONDITION UTILIZING A SINGLE GRID MEMBER CONNECTION TO THE PERIMETER

**SIDE B** - REPRESENTS A BORDER CONDITION UTILIZING A SINGLE GRID MEMBER CONNECTION OR MULTIPLE GRID MEMBER CONNECTIONS TO THE PERIMETER

REFERENCE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS ON HOW THESE BORDER CONDITIONS ARE INSTALLED



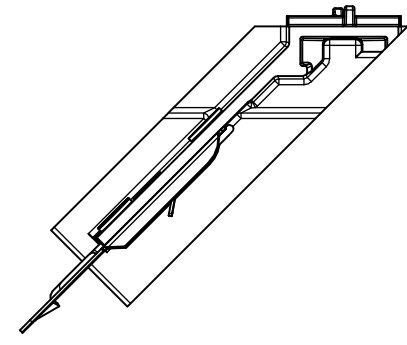
INSTALLATION DETAIL SCALE 1 / 10

8

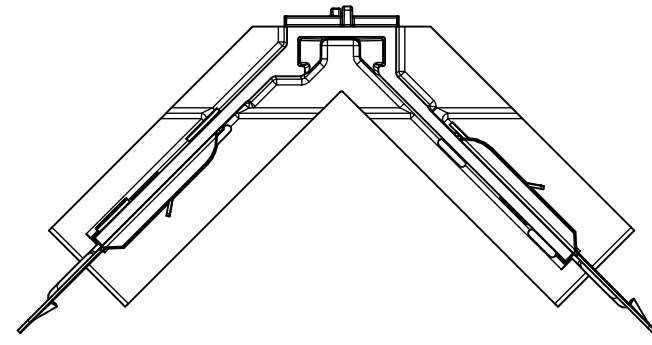
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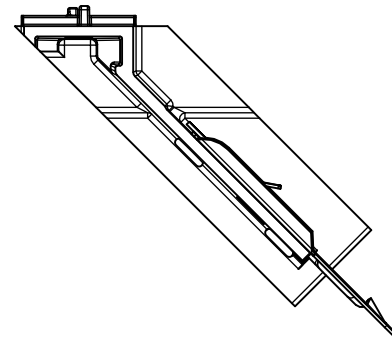




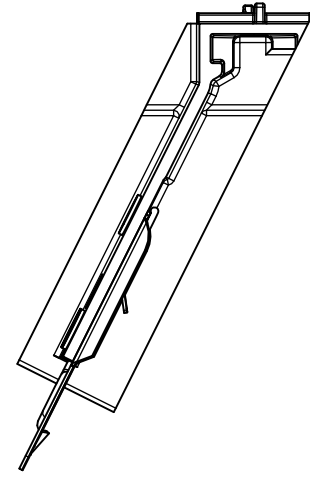
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45° Left Angle Bracket



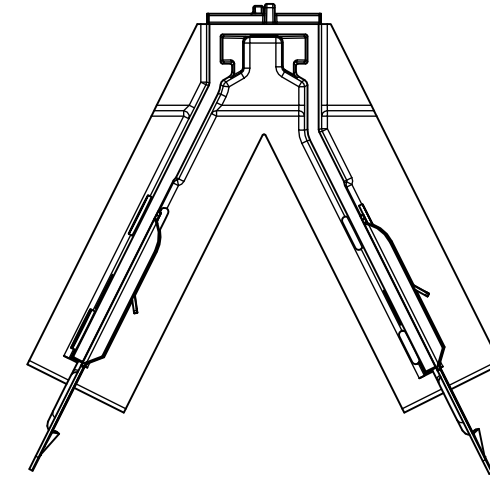
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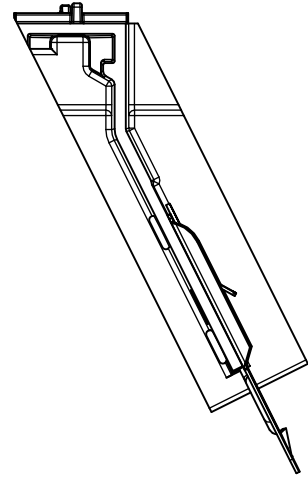
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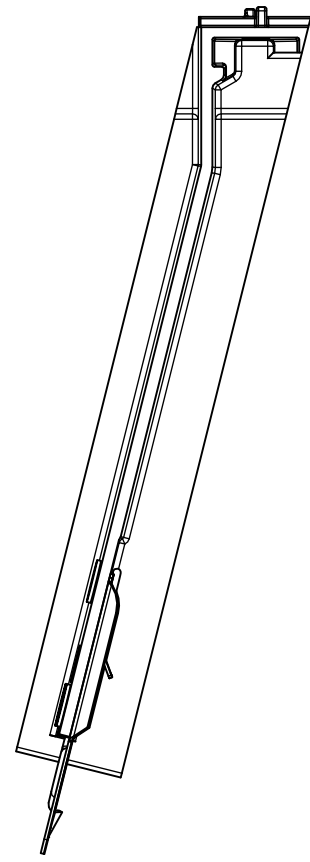
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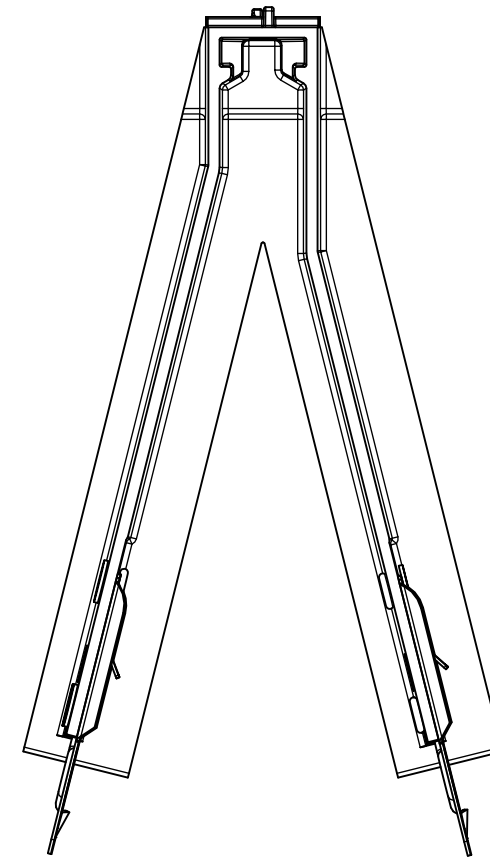
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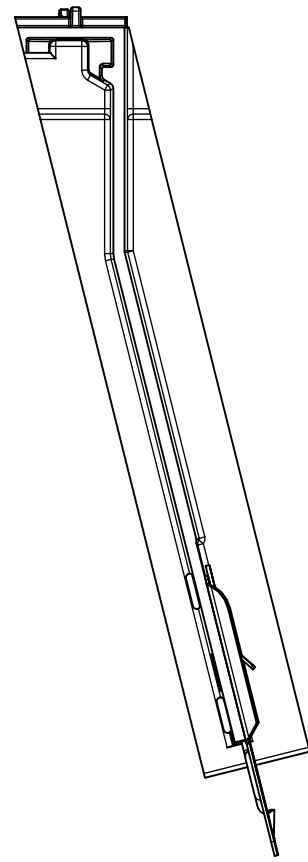
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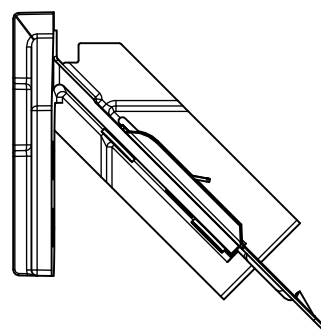
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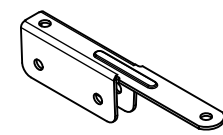
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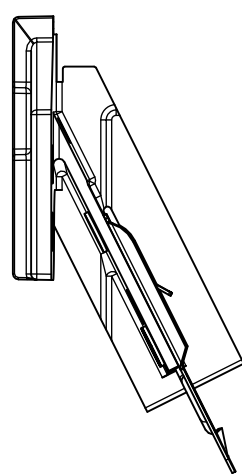
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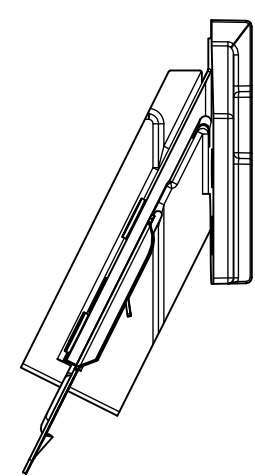
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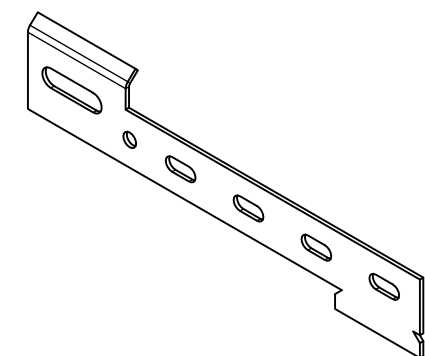
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Perimeter Angle Clip  
SCALE 1 / 2



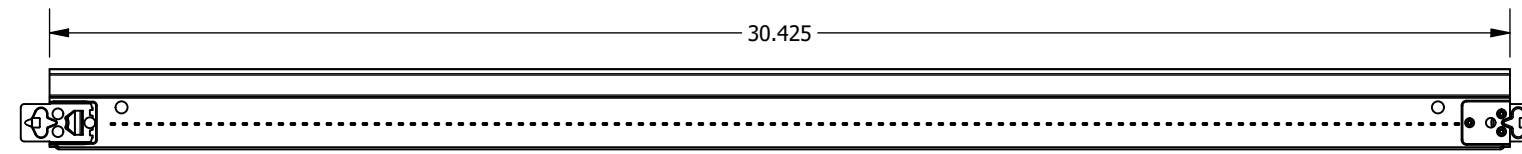
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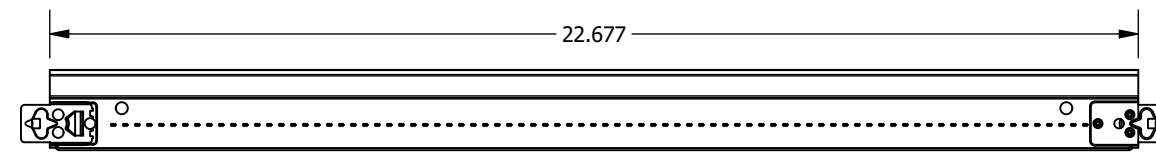
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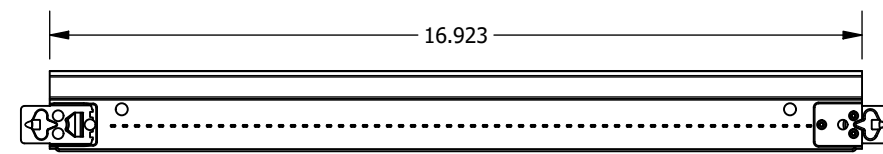
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SCALE 1 / 2



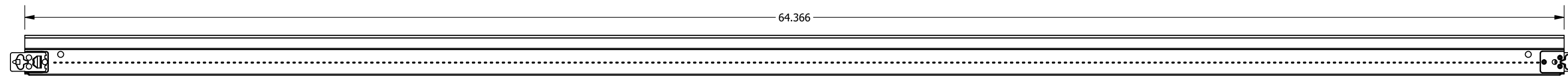
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45° Cross Tee - 24" MBS  
SCALE 1 / 4



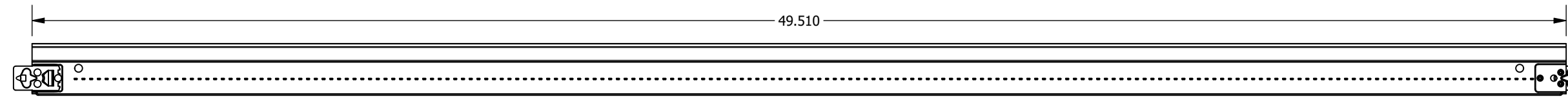
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SCALE 1 / 4



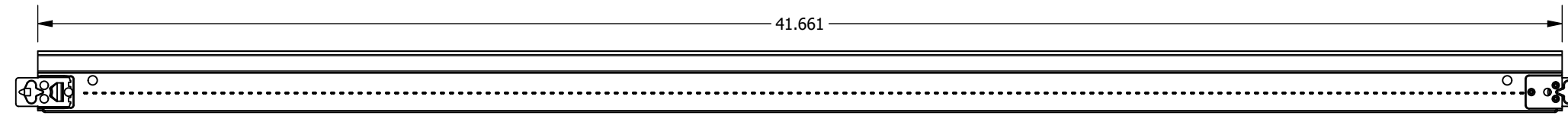
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SCALE 1 / 4



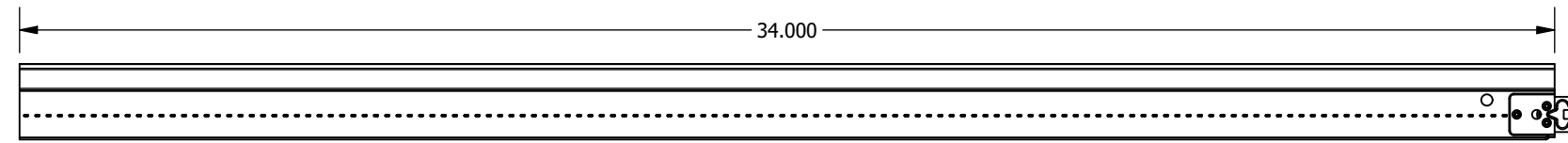
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SCALE 1 / 4



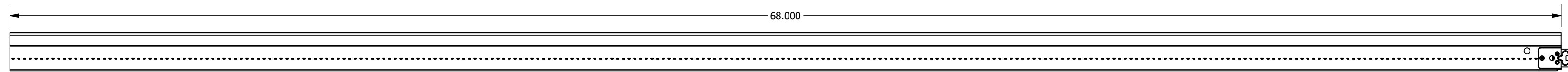
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SCALE 1 / 4



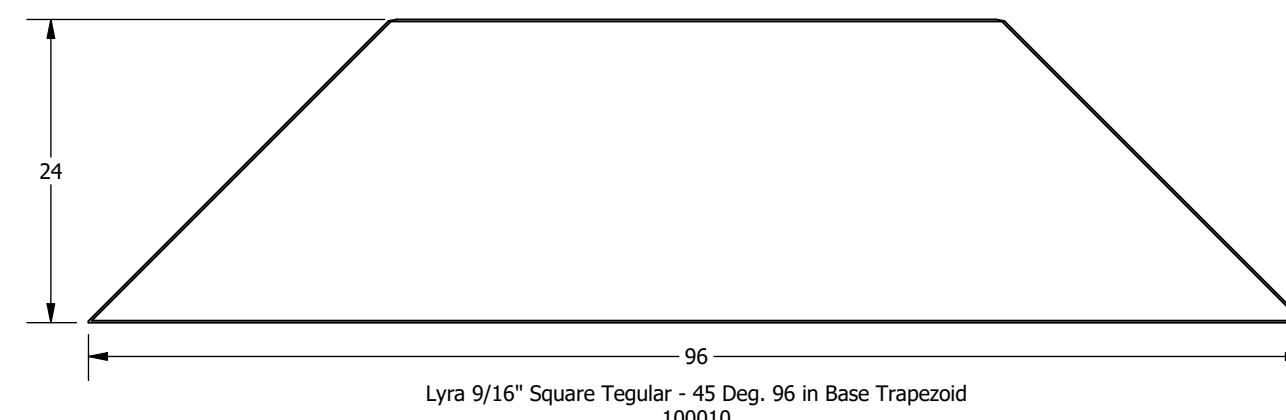
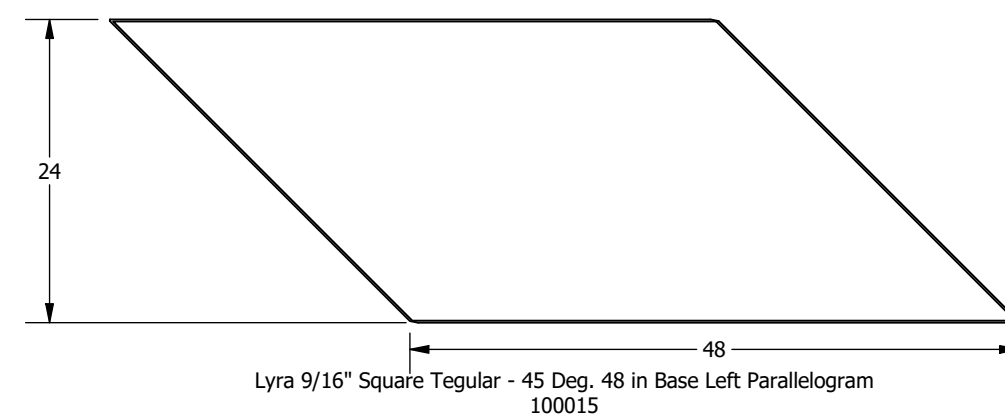
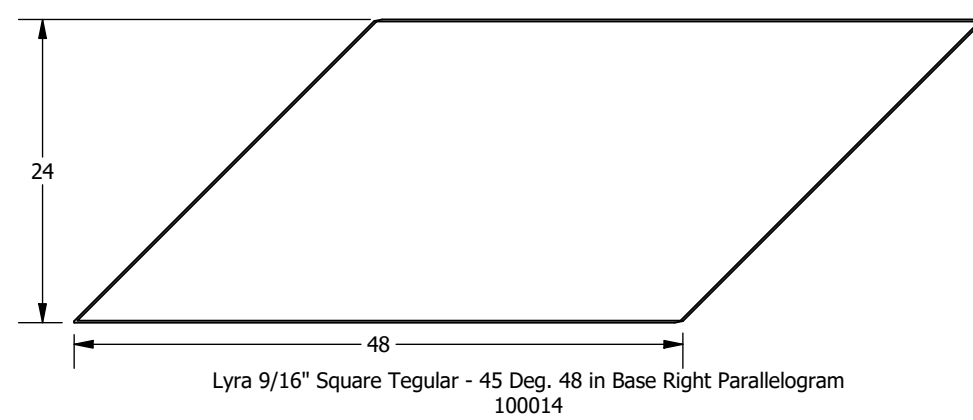
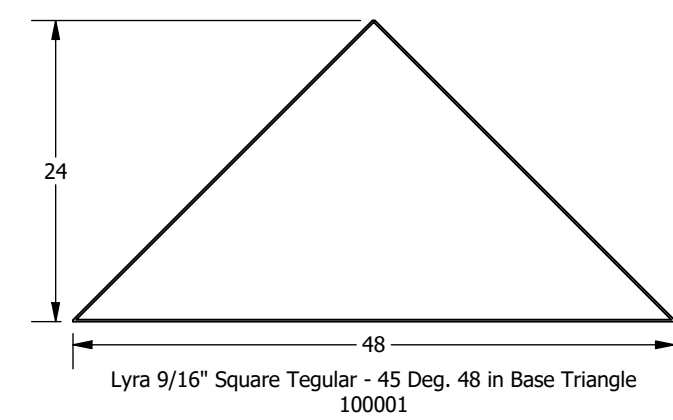
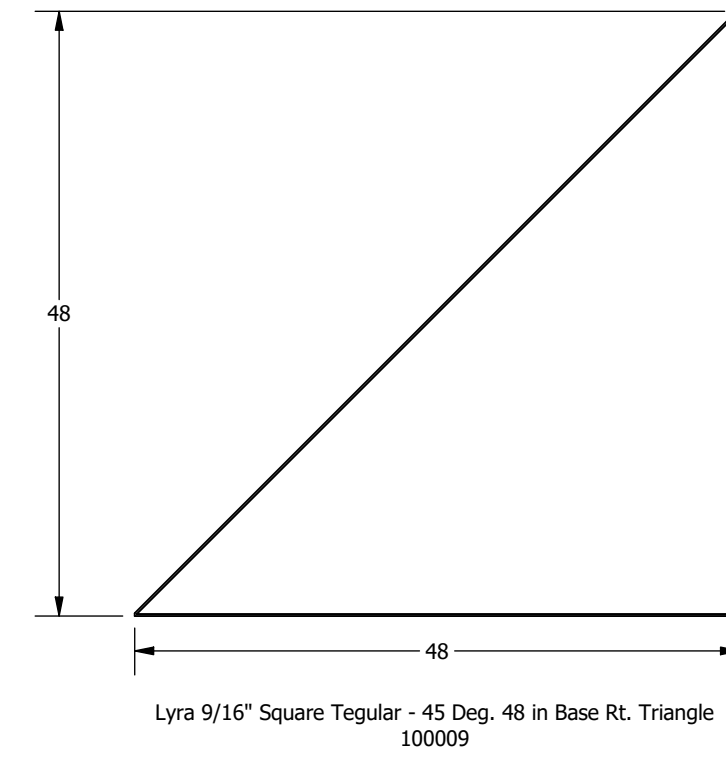
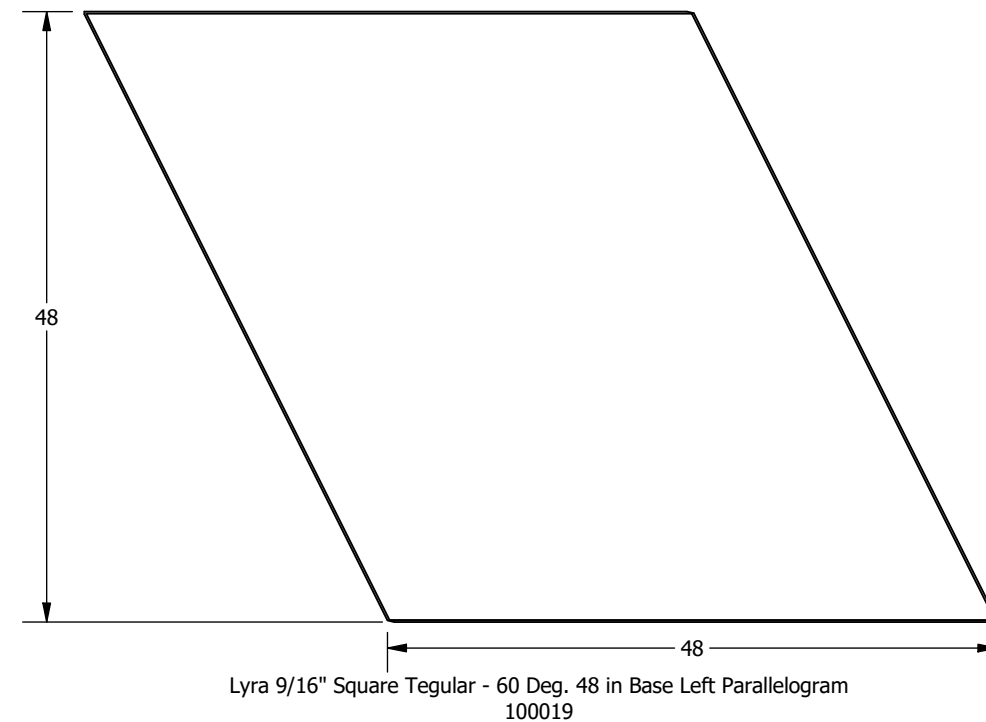
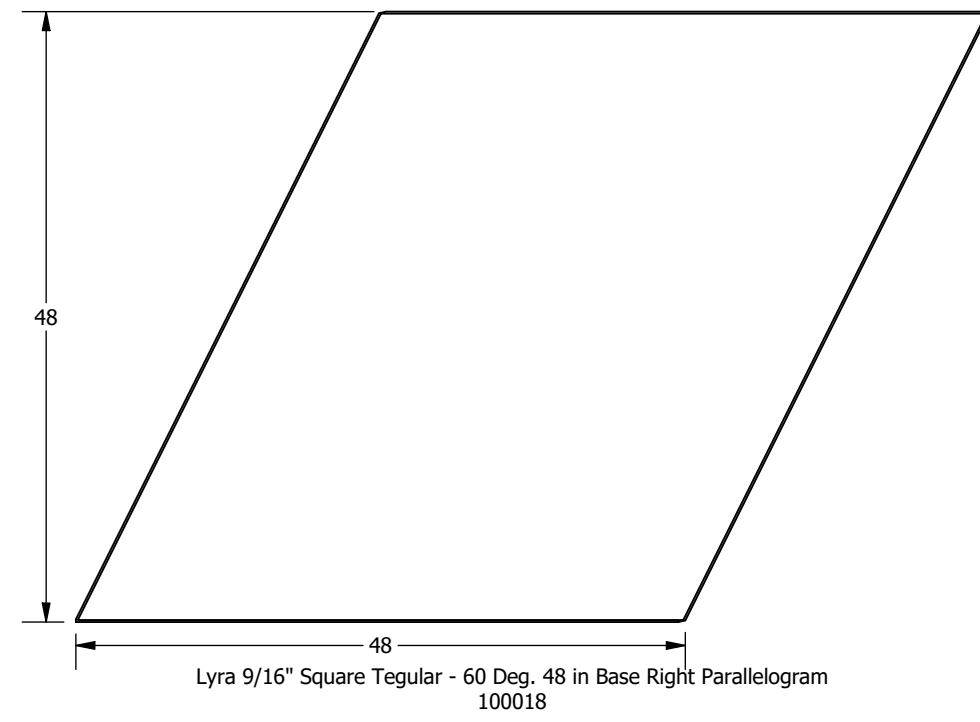
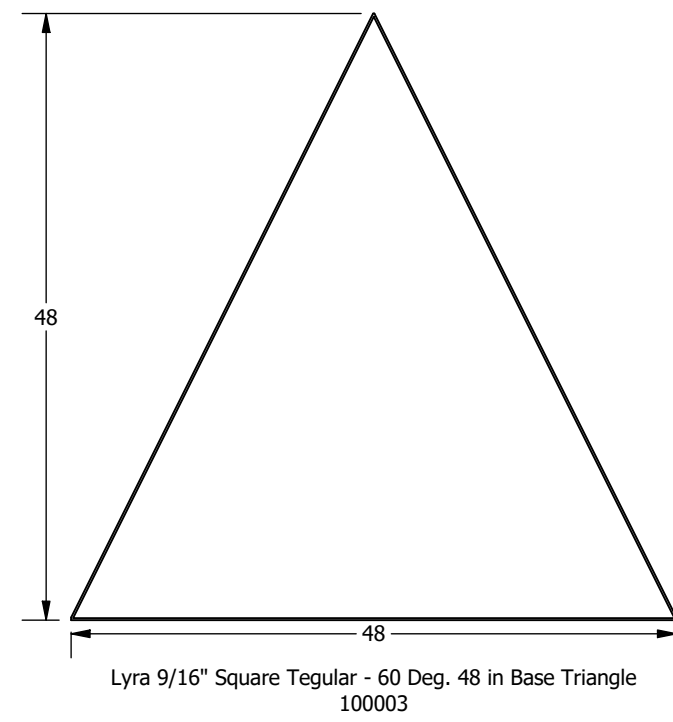
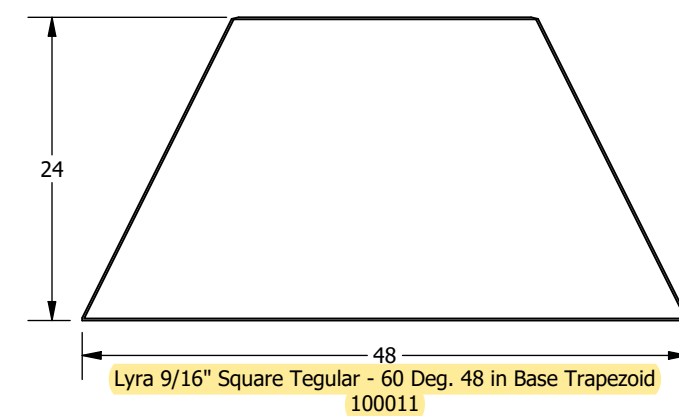
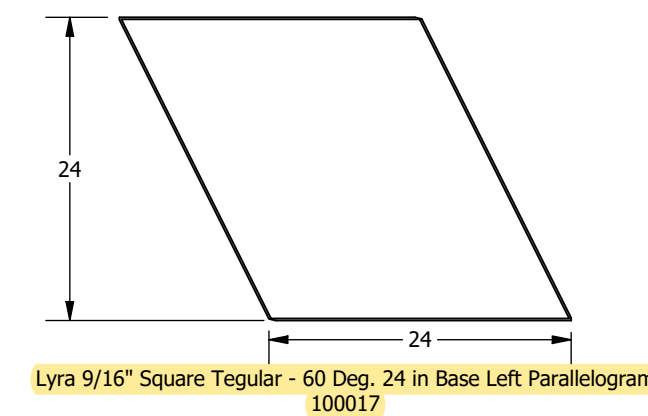
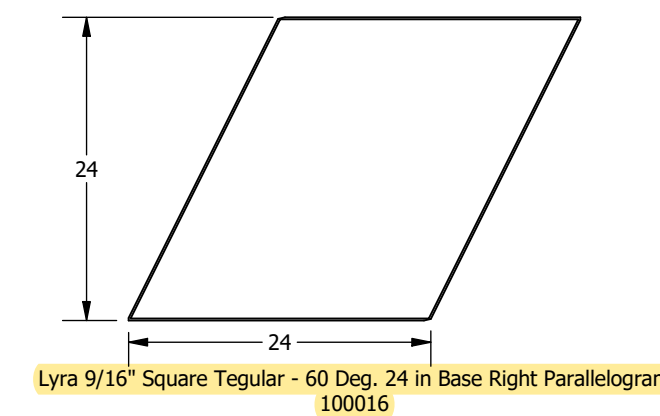
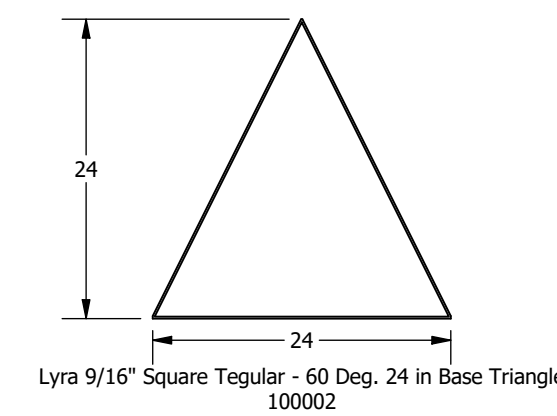
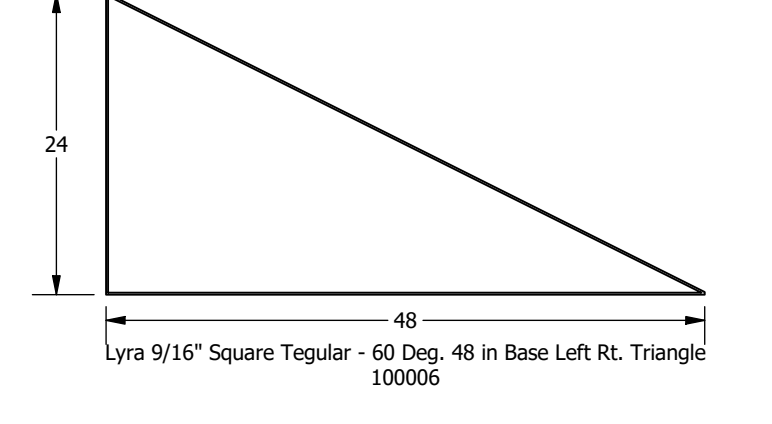
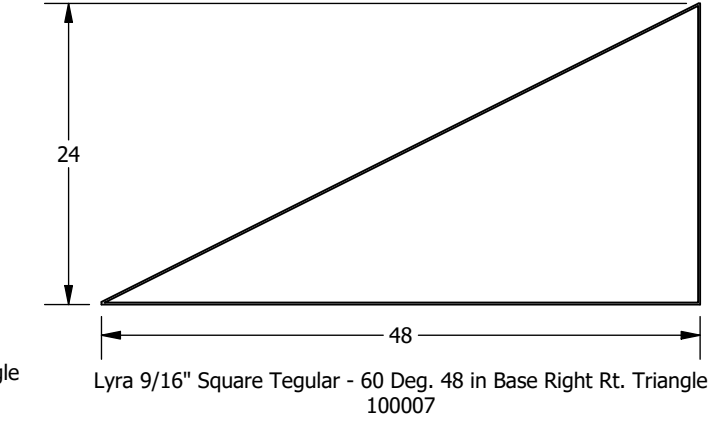
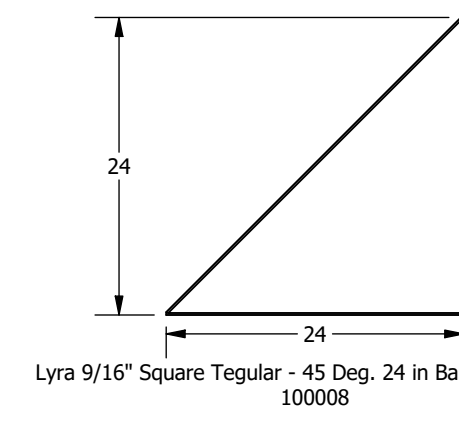
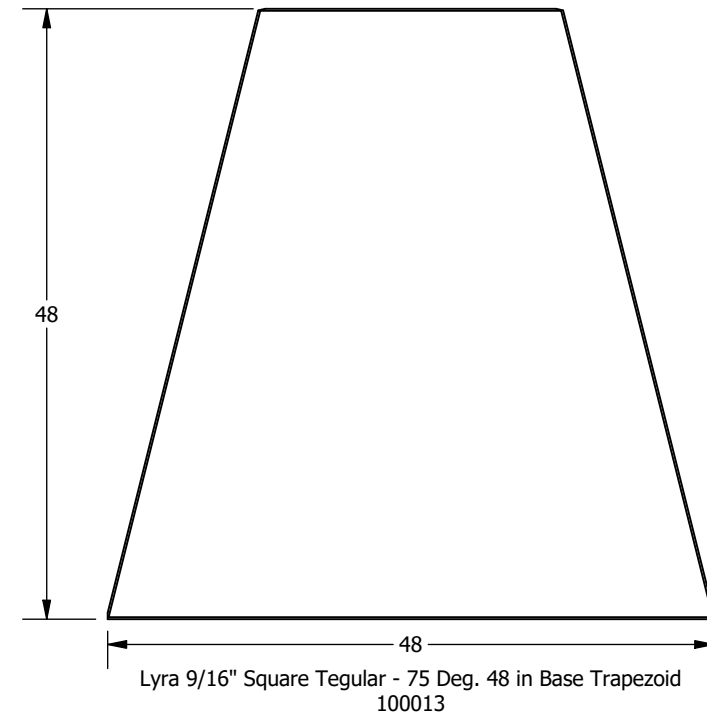
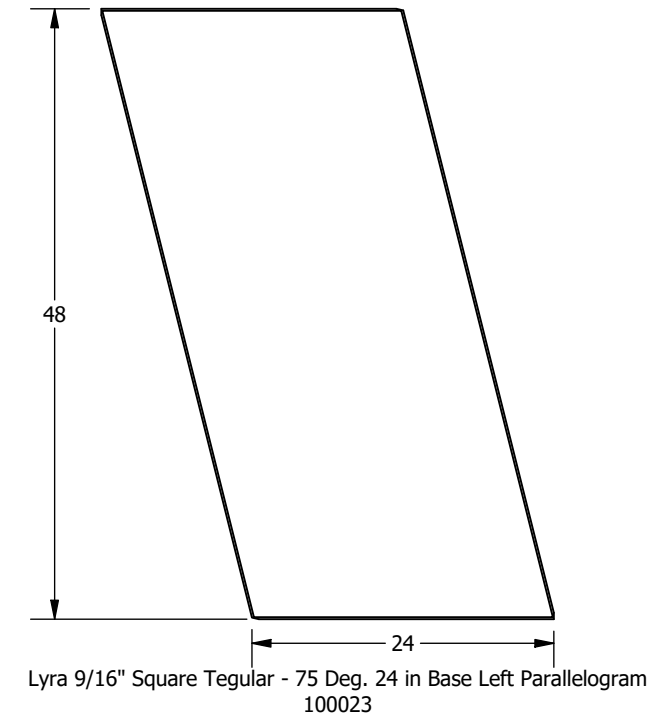
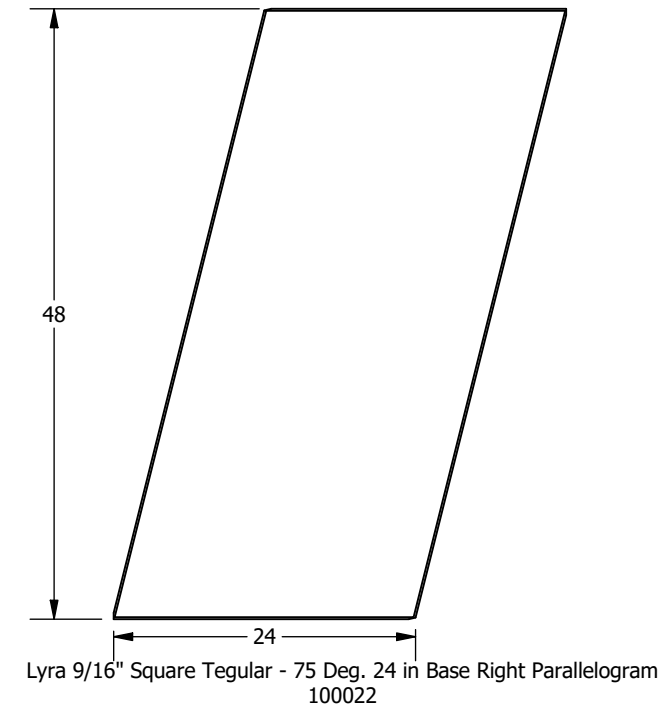
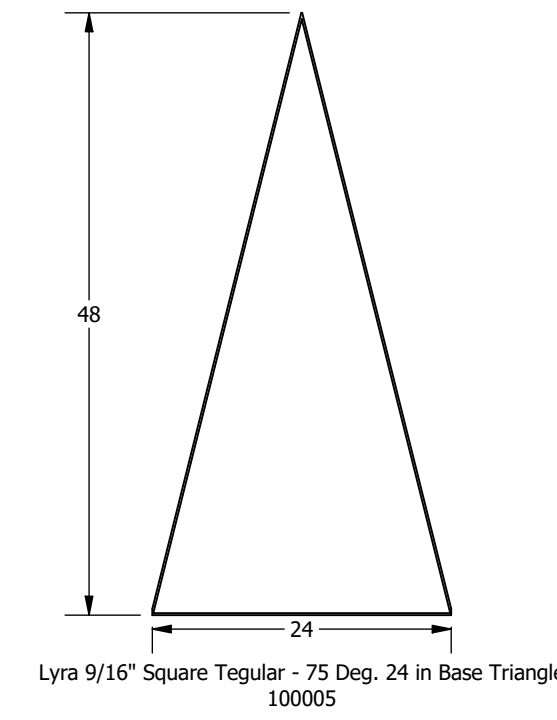
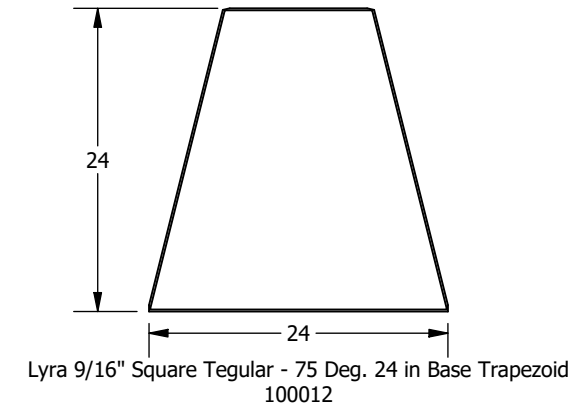
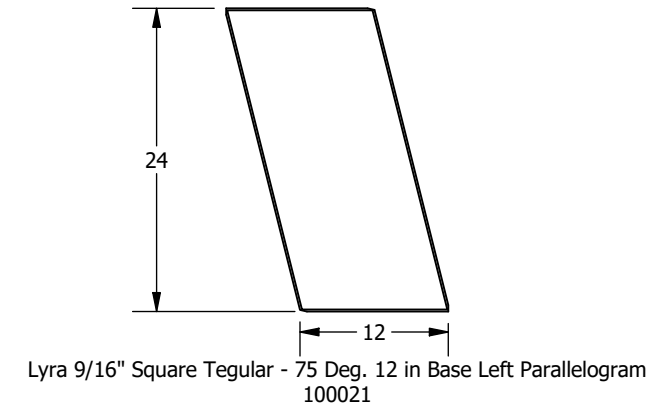
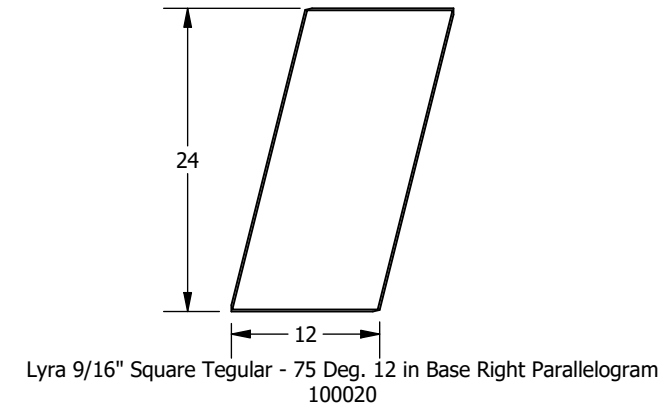
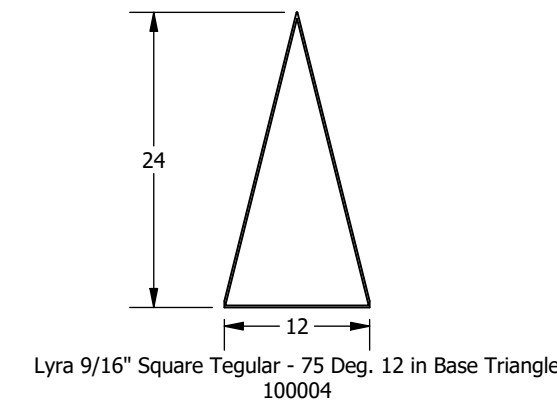
BPXM757548 Suprafine  
75° Cross Tee - 48" MBS  
SCALE 1 / 4



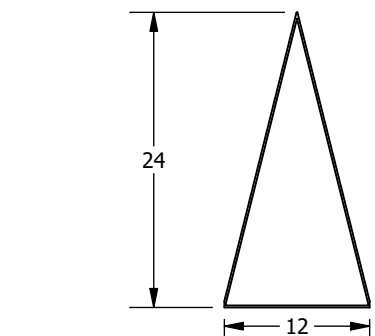
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Perimeter Cross Tee - 24" MBS  
SCALE 1 / 4



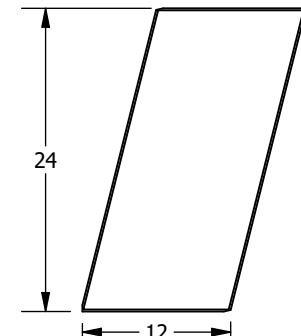
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Perimeter Cross Tee - 48" MBS  
SCALE 1 / 4



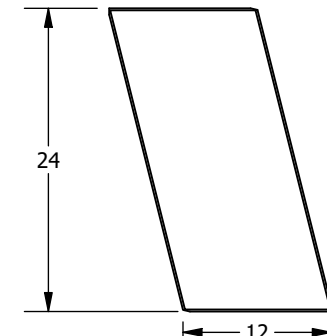
NOTES:  
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2. Dimensions are nominal and reflect grid spacings  
3. Scale 1:15



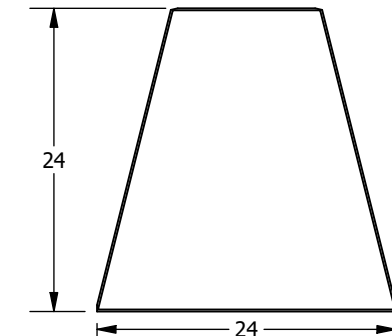
Calla 9/16" Square Tegular - 75 Deg. 12 in Base Triangle  
100103



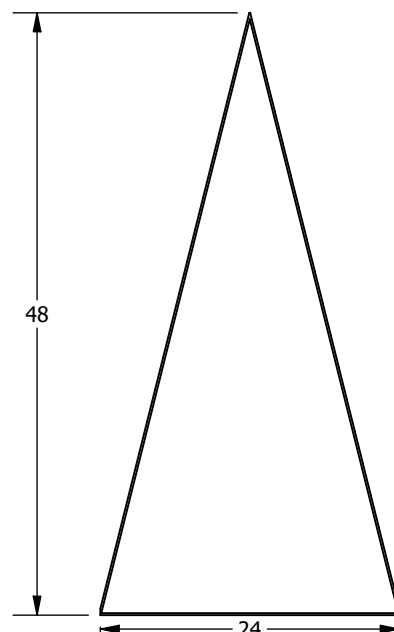
Calla 9/16" Square Tegular - 75 Deg. 12 in Base Right Parallelogram  
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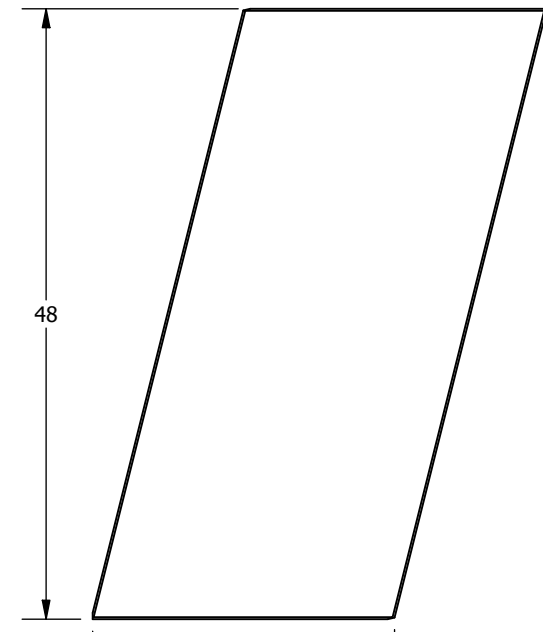
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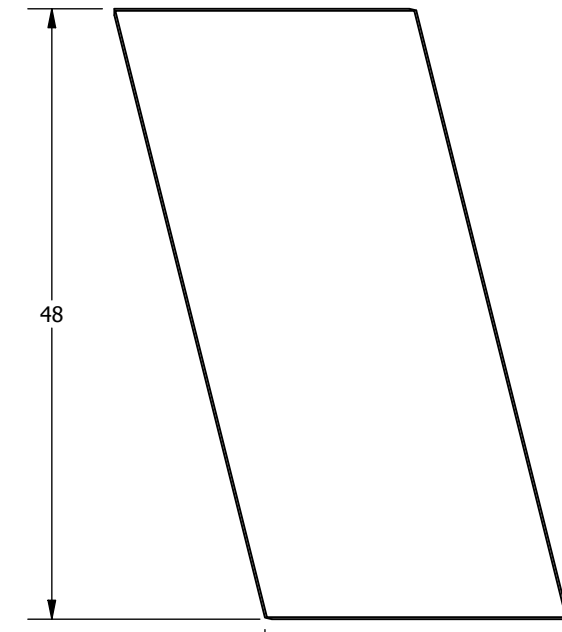
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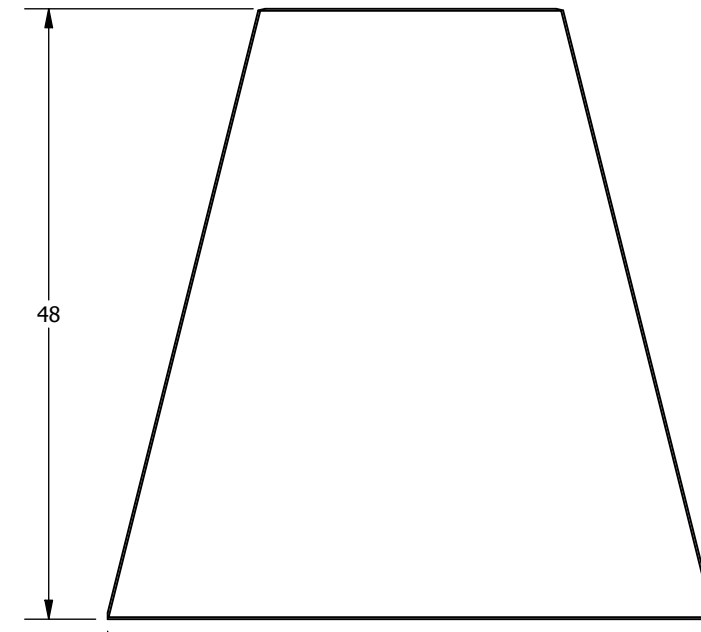
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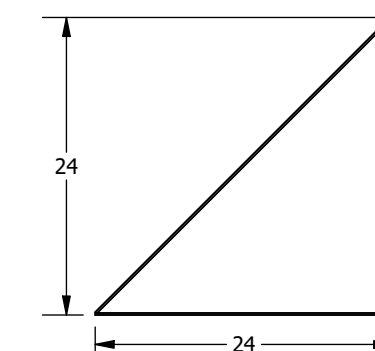
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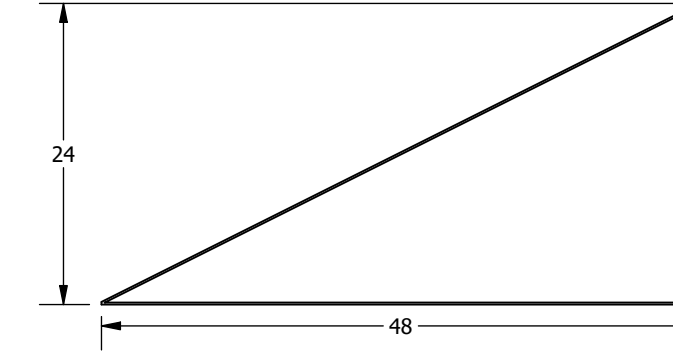
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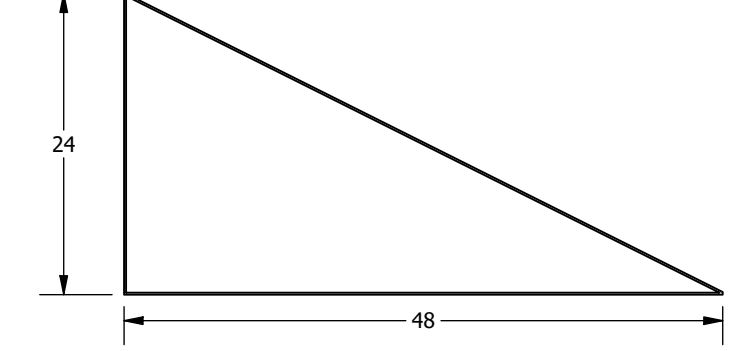
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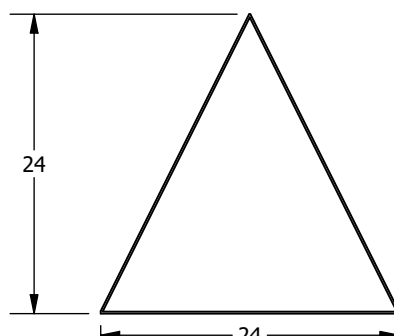
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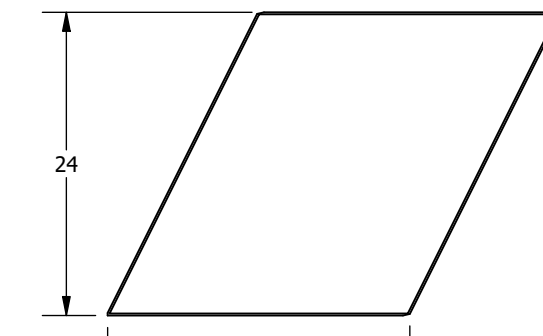
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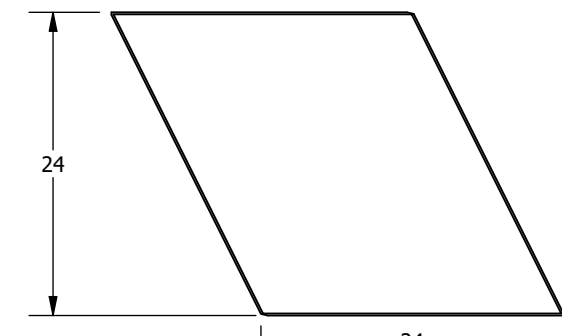
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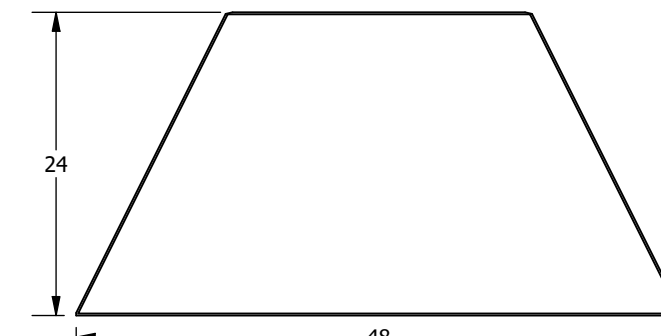
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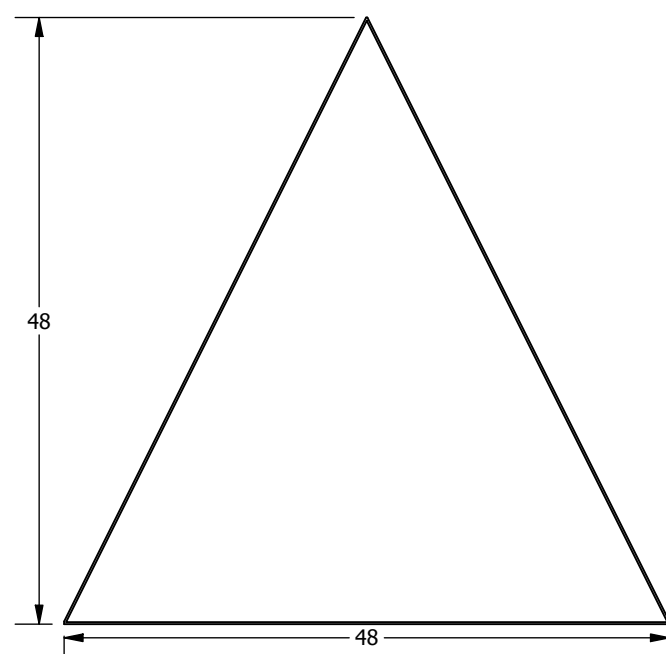
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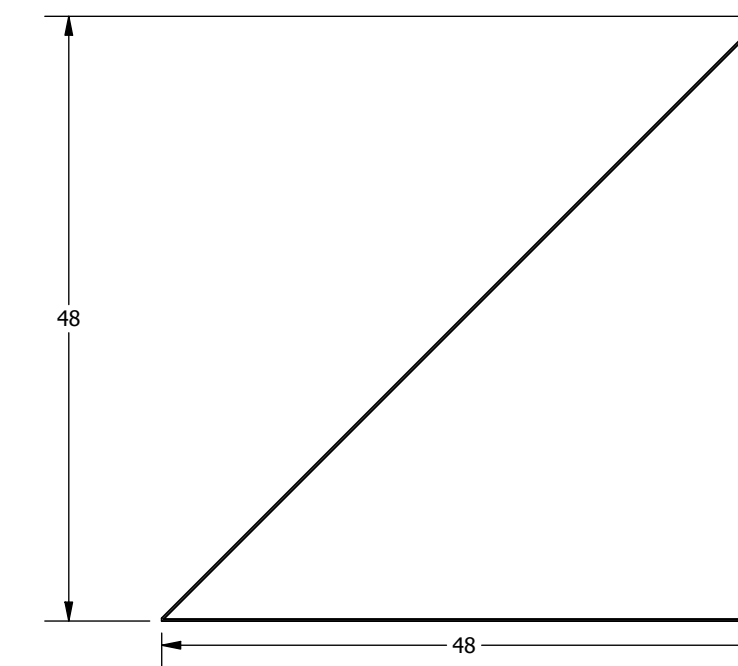
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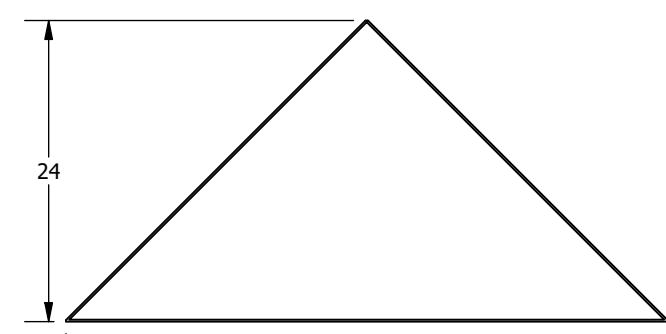
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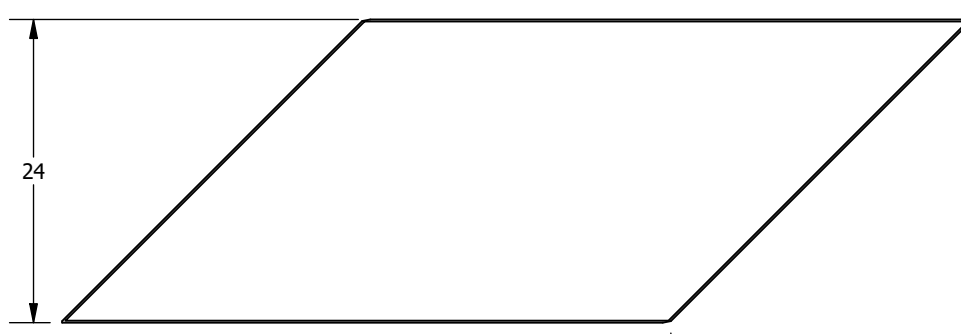
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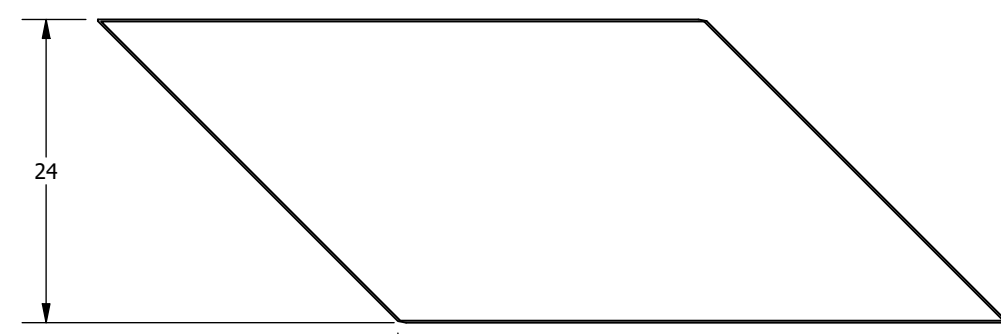
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Calla 9/16" Square Tegular - 45 Deg. 48 in Base Triangle  
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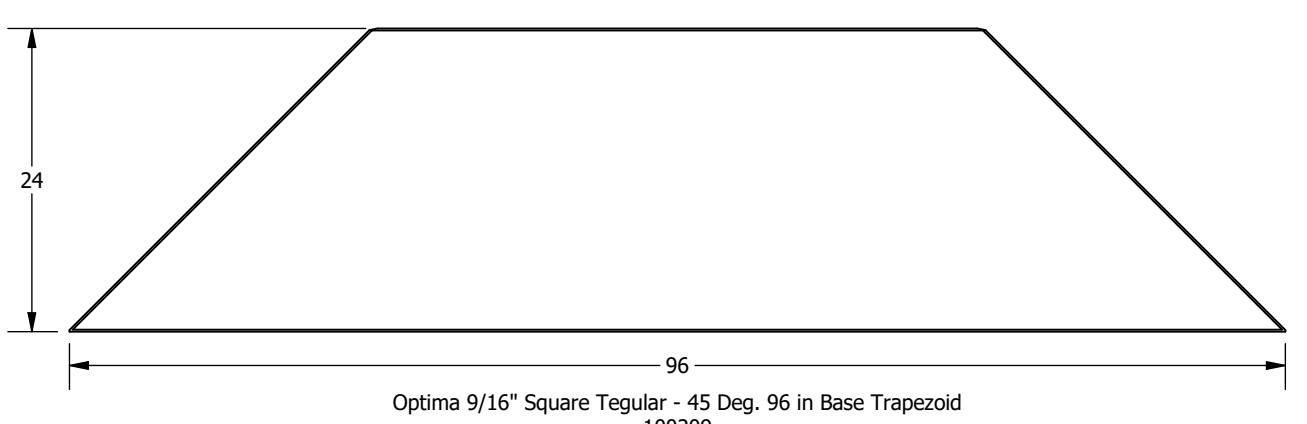
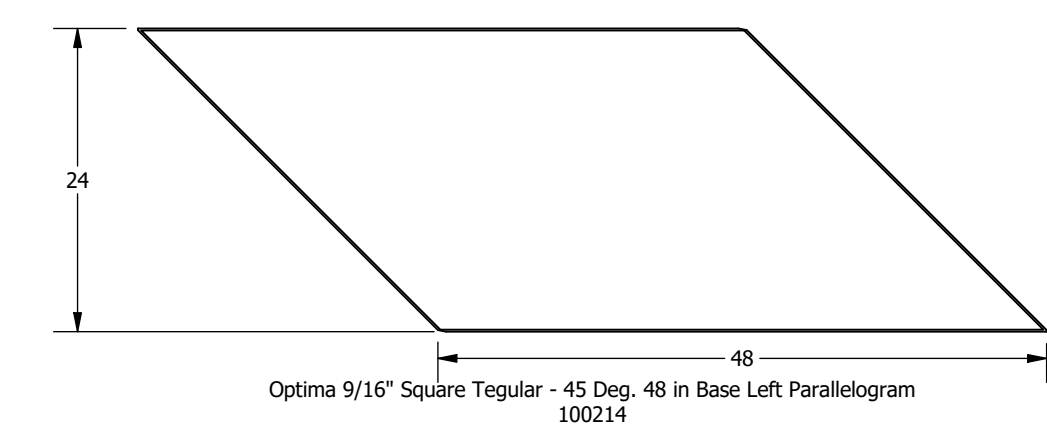
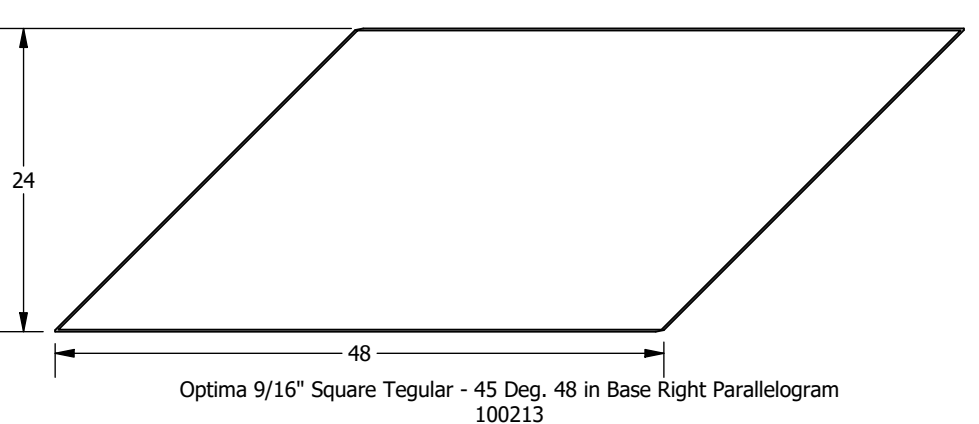
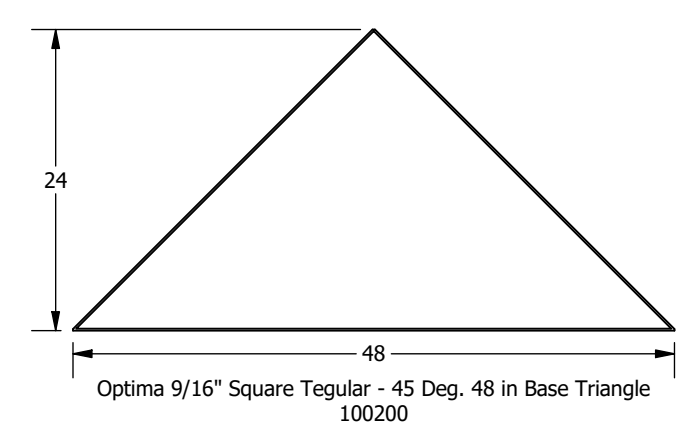
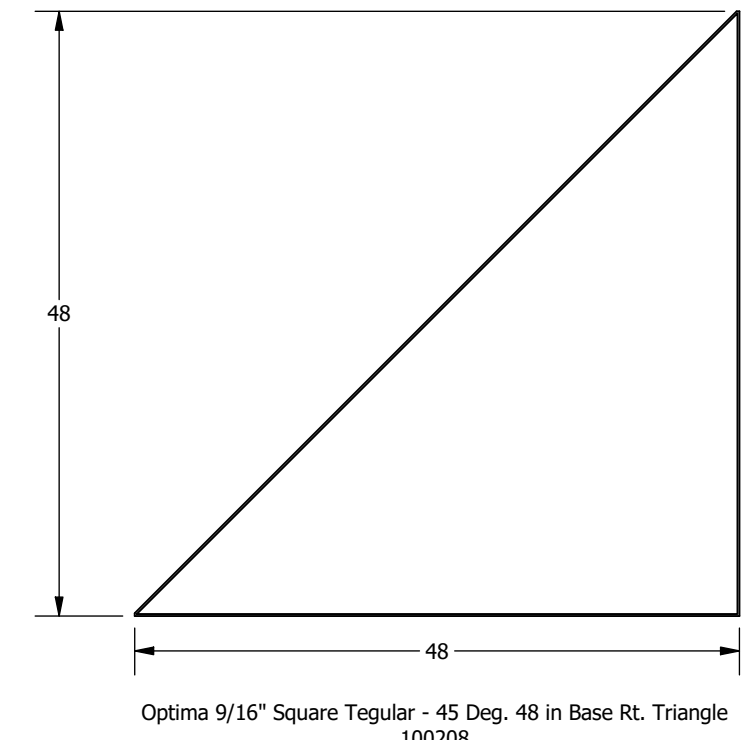
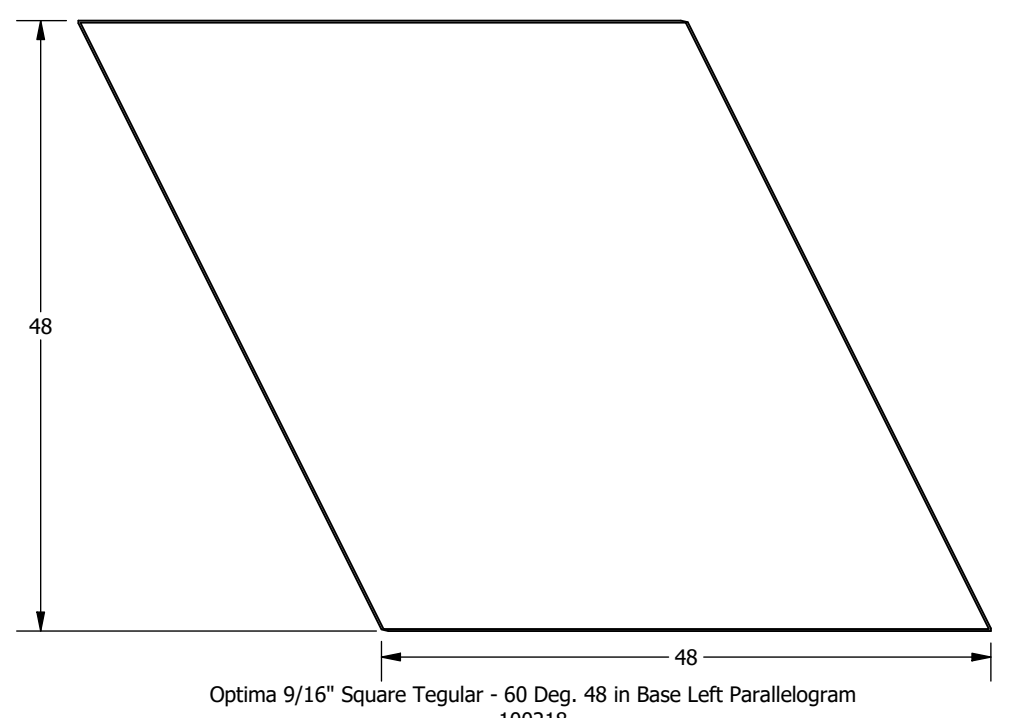
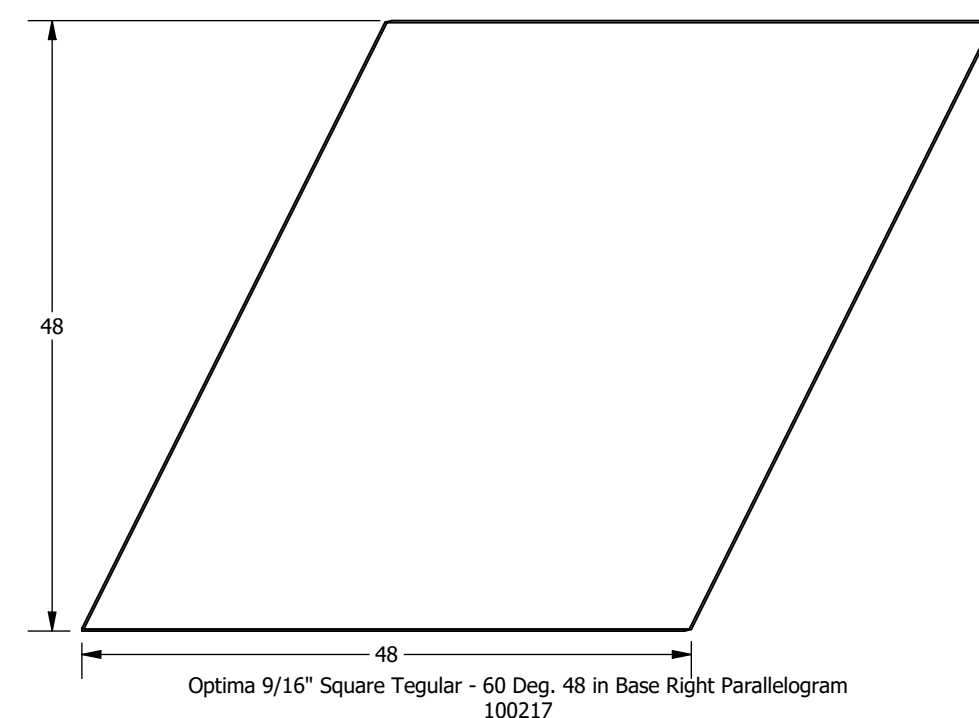
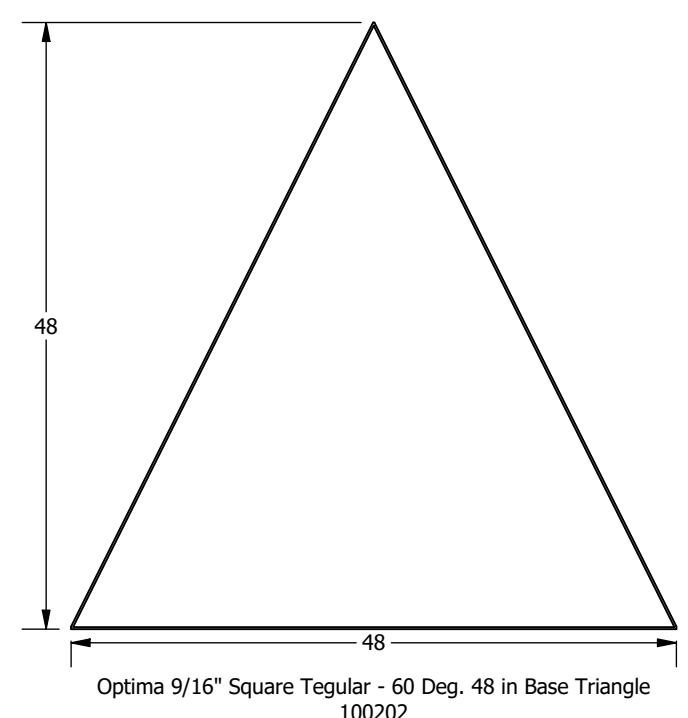
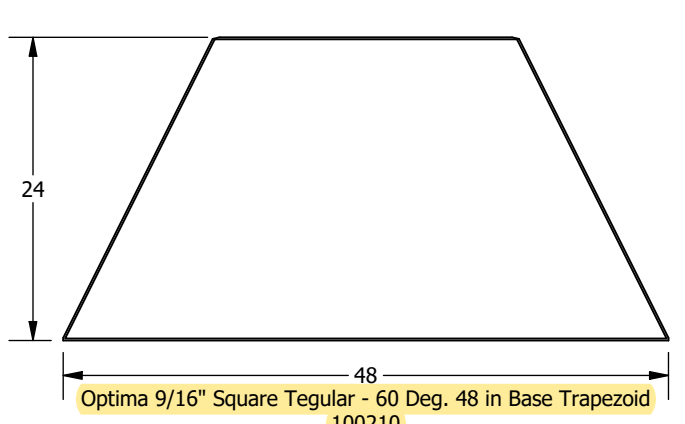
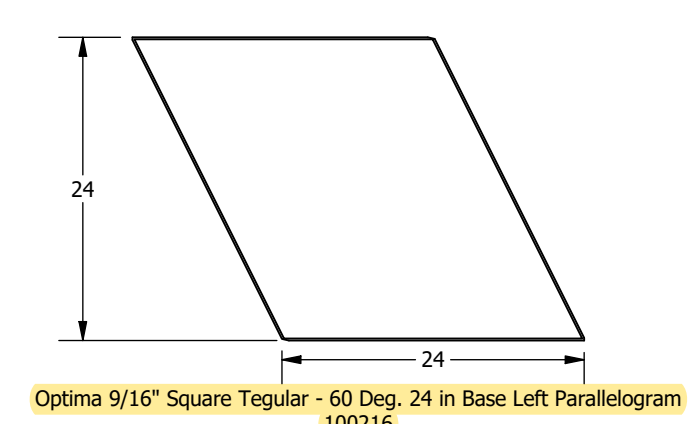
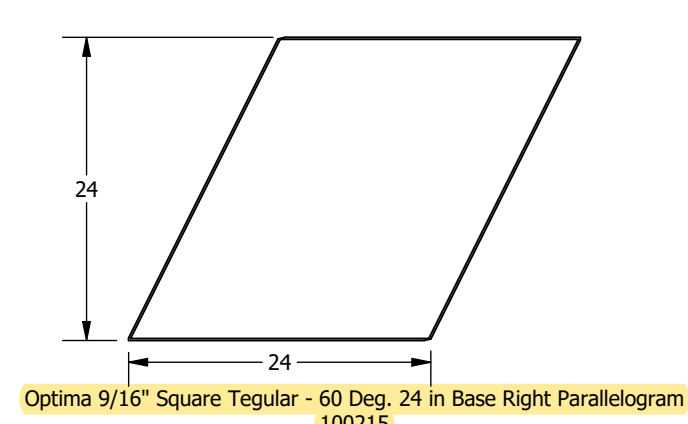
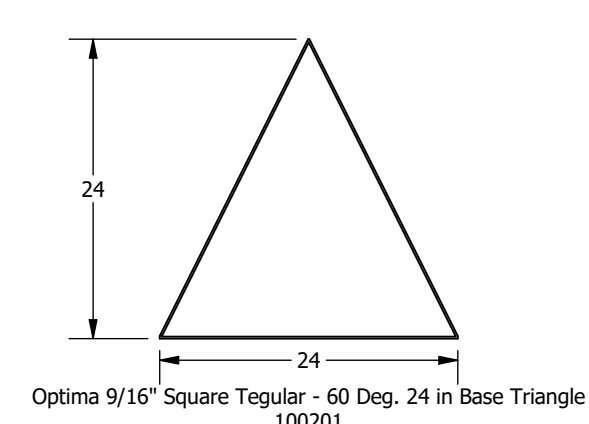
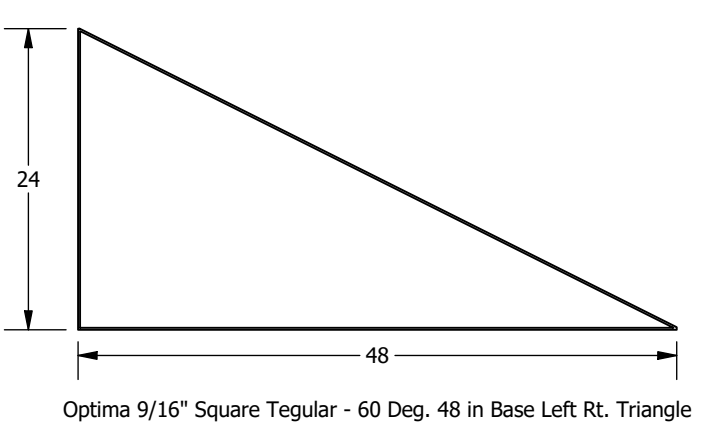
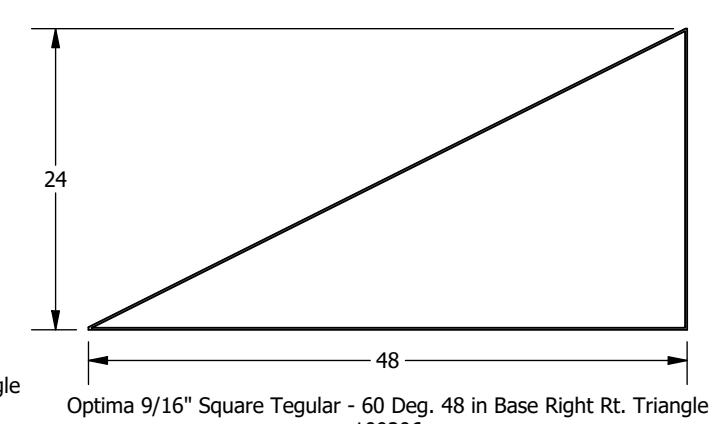
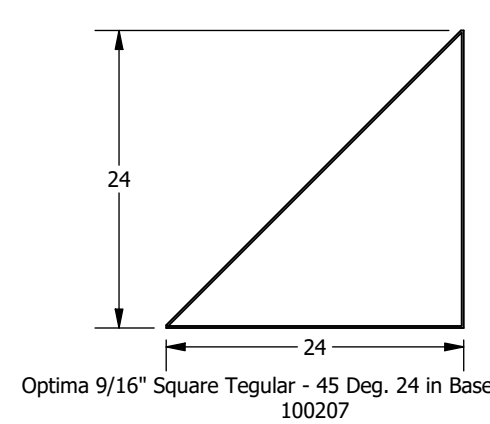
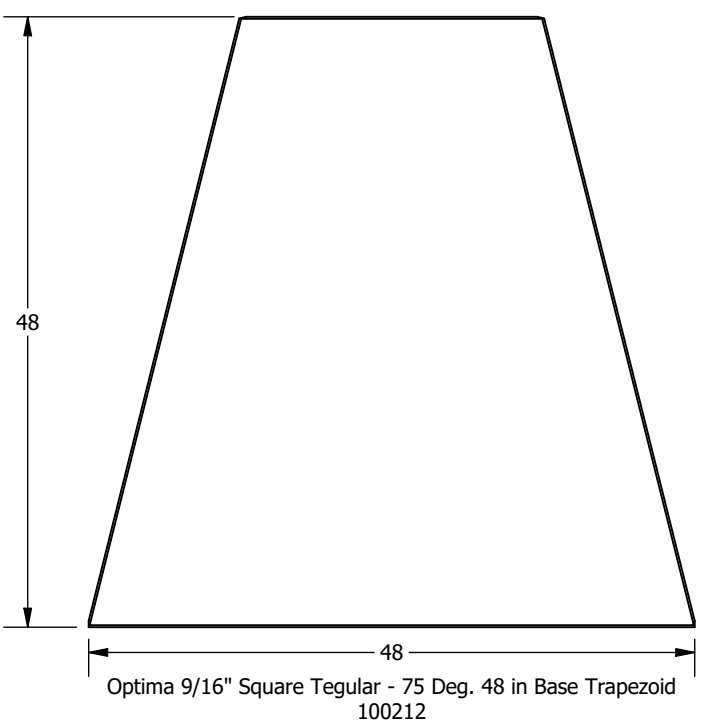
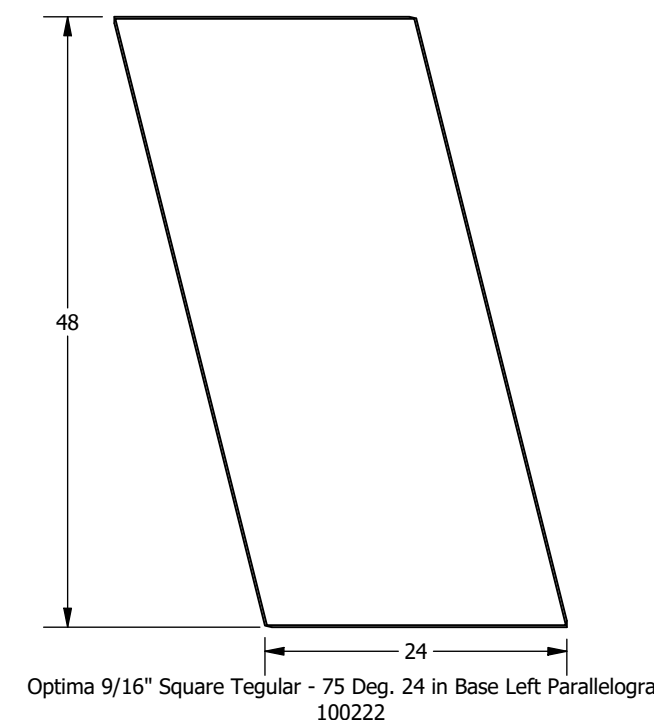
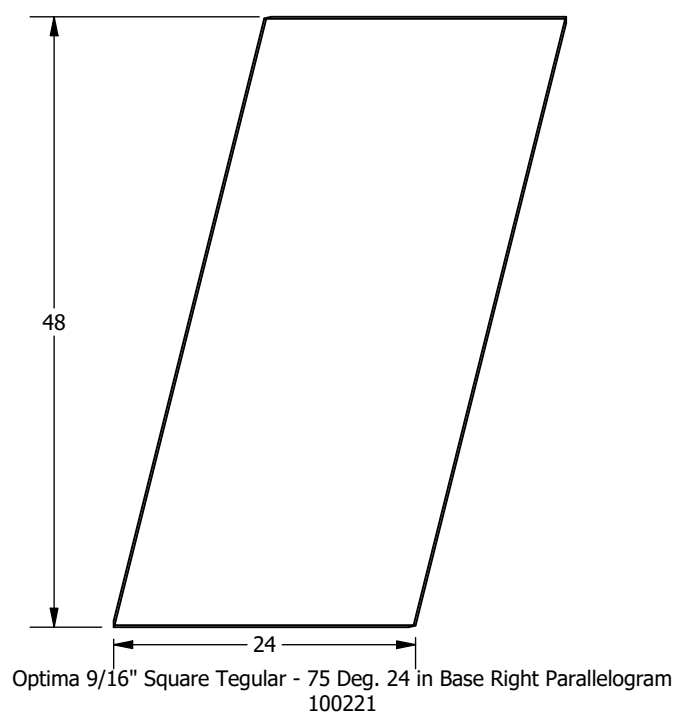
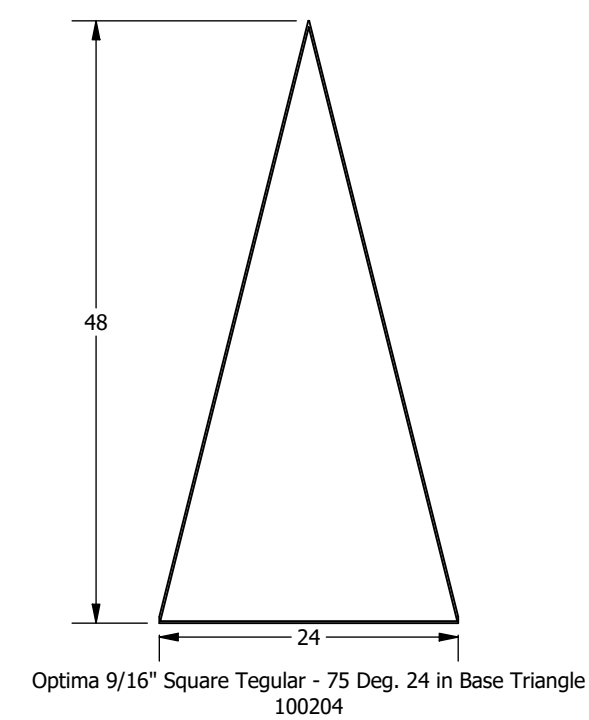
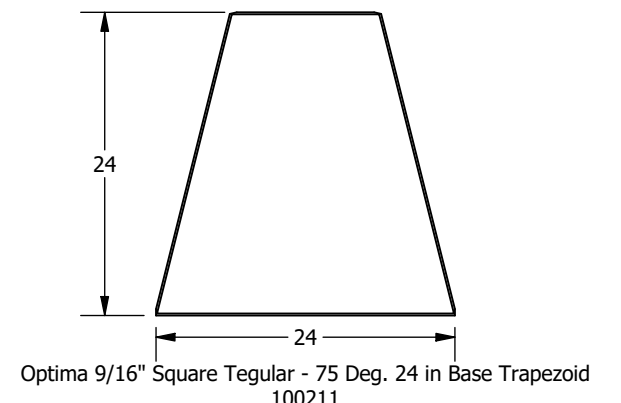
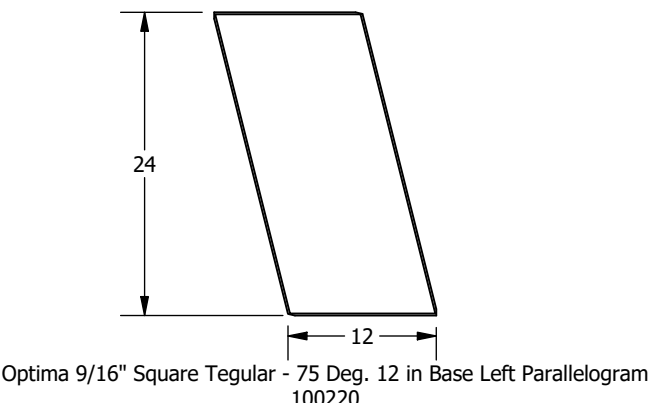
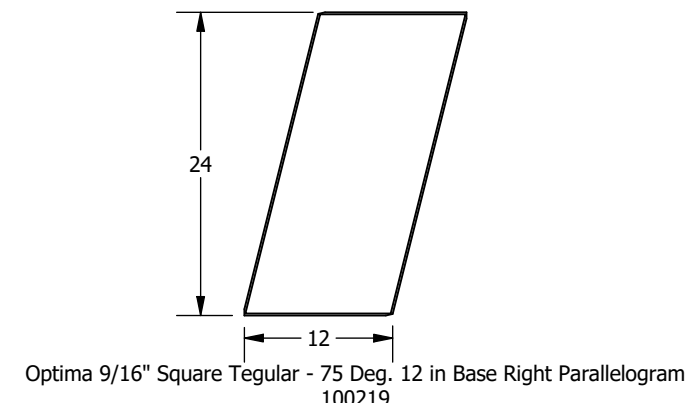
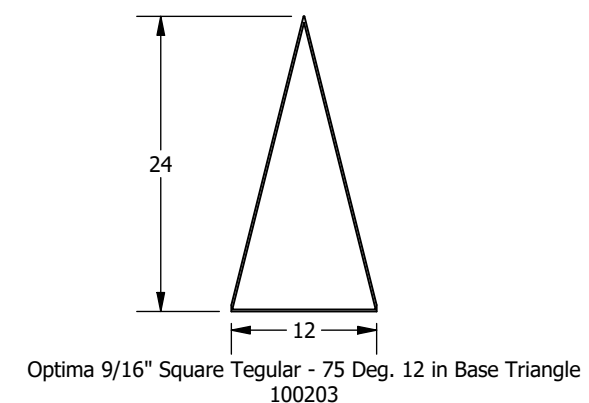
Calla 9/16" Square Tegular - 45 Deg. 48 in Base Right Parallelogram  
100112



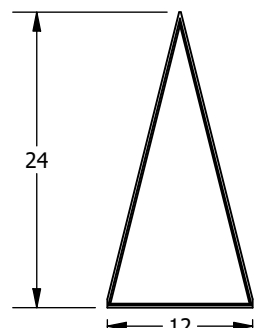
Calla 9/16" Square Tegular - 45 Deg. 48 in Base Left Parallelogram  
100113

NOTES:  
1. Views are from the face of the panel, and descriptions are based on these views  
2. Dimensions are nominal and reflect grid spacings  
3. Scale 1:15

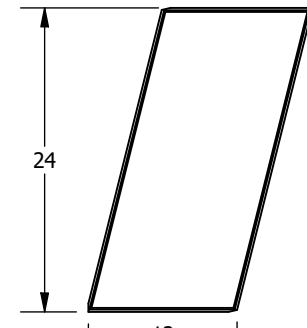




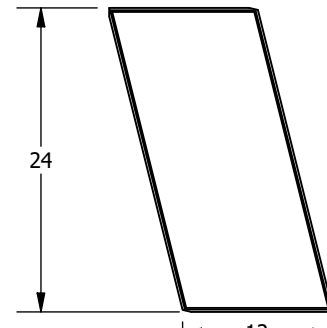
NOTES:  
1. Views are from the face of the panel, and descriptions are based on these views  
2. Dimensions are nominal and reflect grid spacings  
3. Scale 1:15



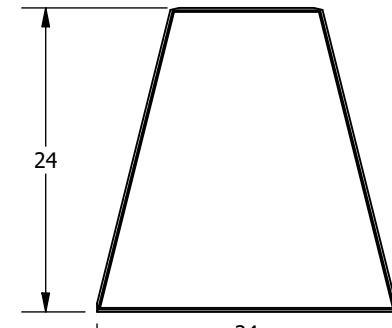
Ultima 9/16\" Beveled Tegular - 75 Deg. 12 in Base Triangle  
100303



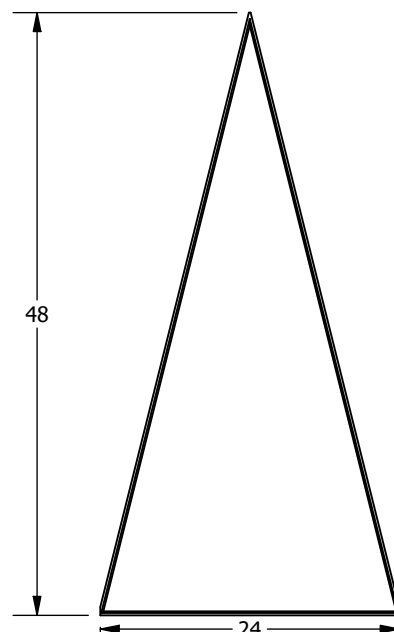
Ultima 9/16\" Beveled Tegular - 75 Deg. 12 in Base Right Parallelogram  
100315



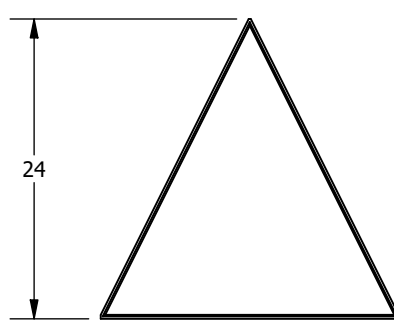
Ultima 9/16\" Beveled Tegular - 75 Deg. 12 in Base Left Parallelogram  
100316



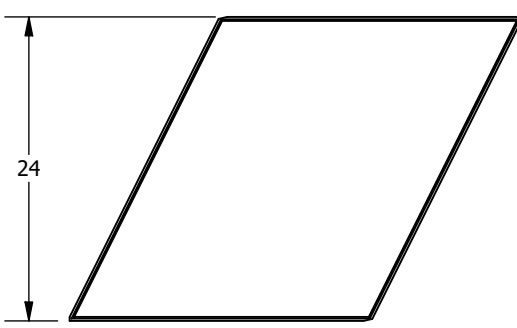
Ultima 9/16\" Beveled Tegular - 75 Deg. 24 in Base Trapezoid  
100310



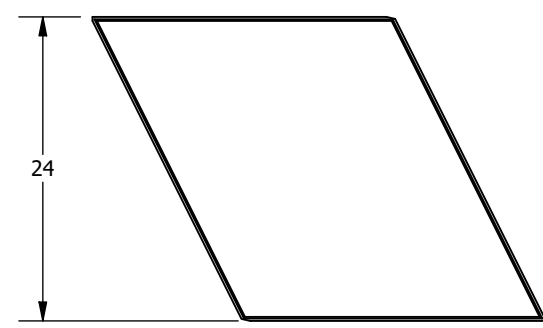
Ultima 9/16\" Beveled Tegular - 75 Deg. 24 in Base Triangle  
100304



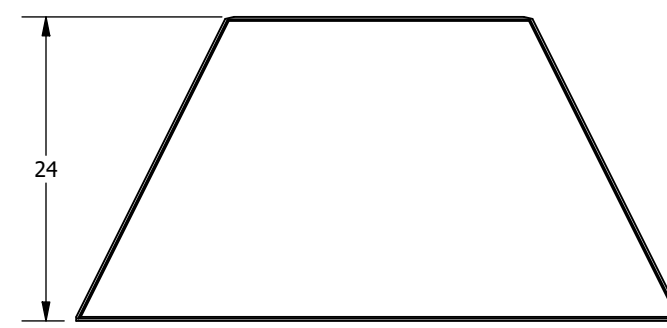
Ultima 9/16\" Beveled Tegular - 60 Deg. 24 in Base Triangle  
100301



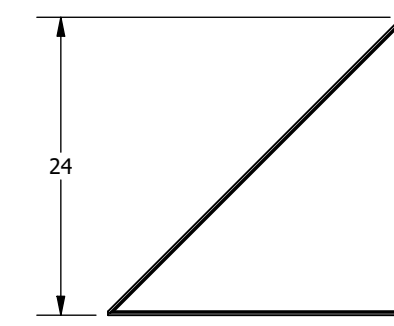
Ultima 9/16\" Beveled Tegular - 60 Deg. 24 in Base Right Parallelogram  
100313



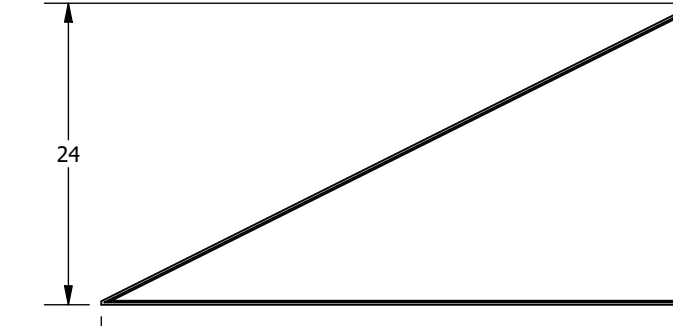
Ultima 9/16\" Beveled Tegular - 60 Deg. 24 in Base Left Parallelogram  
100314



Ultima 9/16\" Beveled Tegular - 60 Deg. 48 in Base Trapezoid  
100309



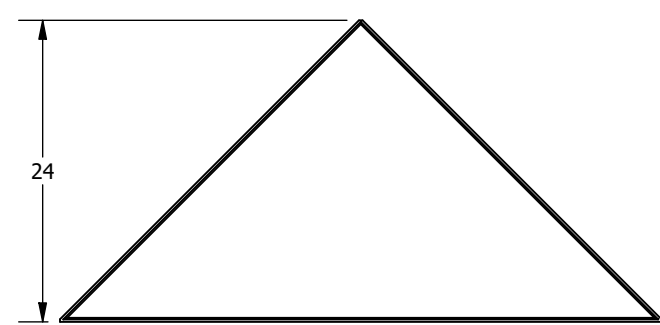
Ultima 9/16\" Beveled Tegular - 45 Deg. 24 in Base Rt. Triangle  
100307



Ultima 9/16\" Beveled Tegular - 60 Deg. 48 in Base Right Rt. Triangle  
100306

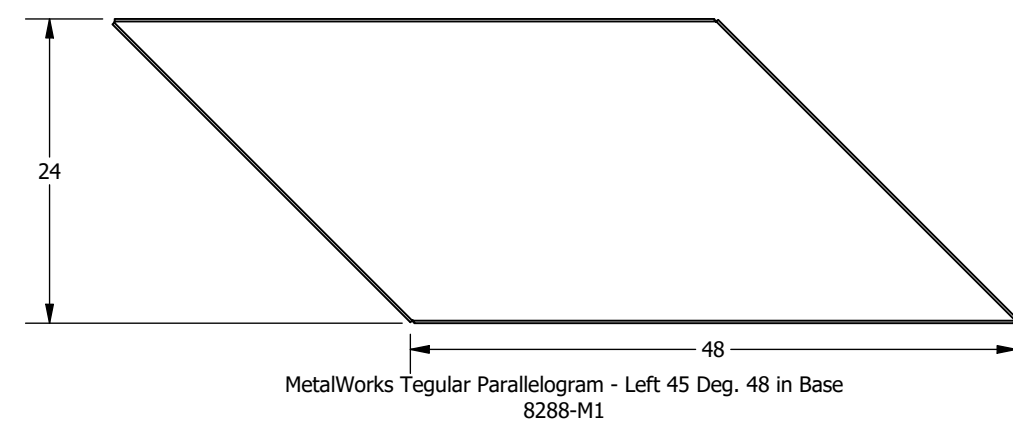
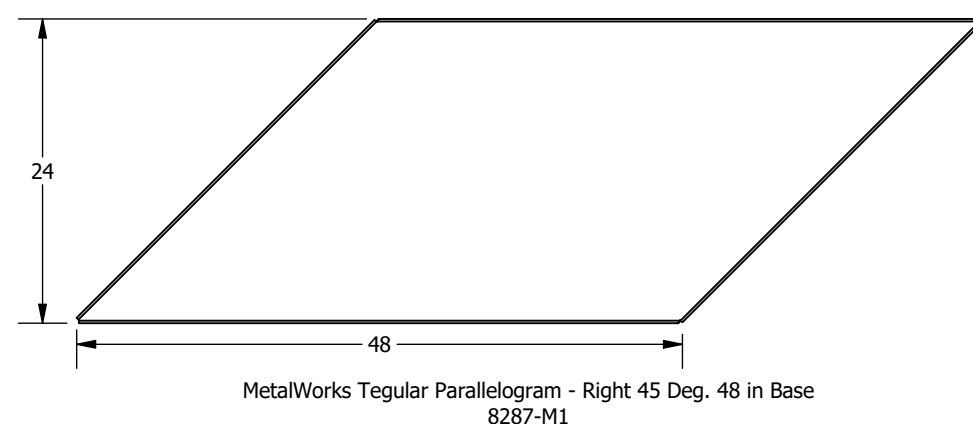
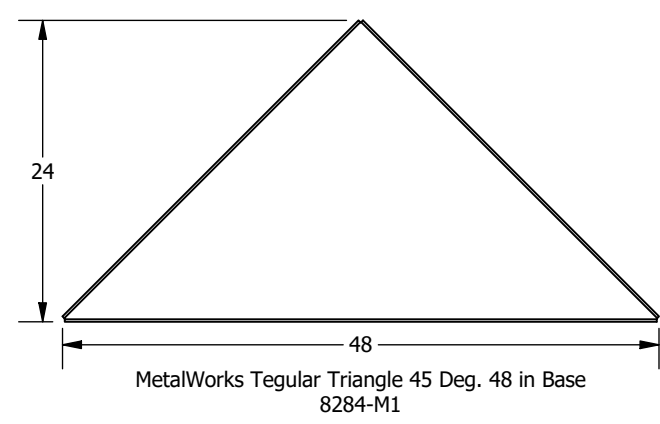
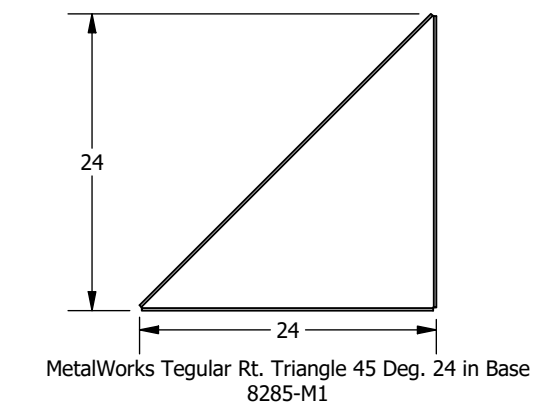
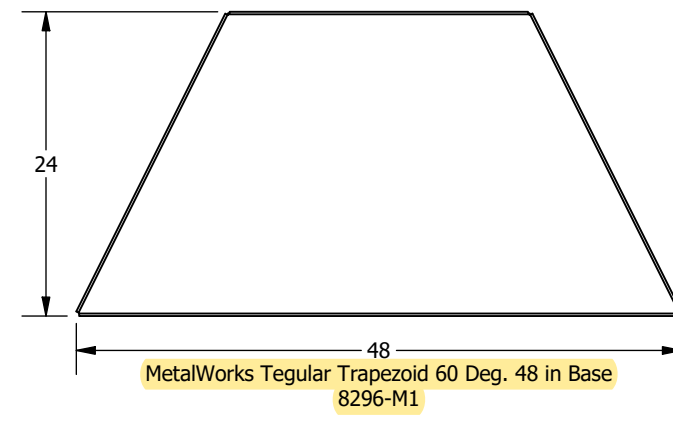
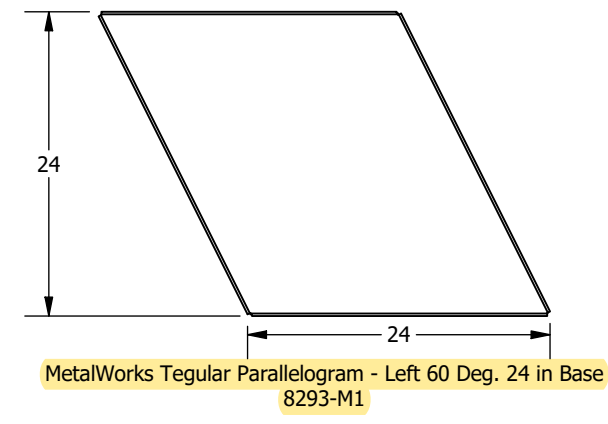
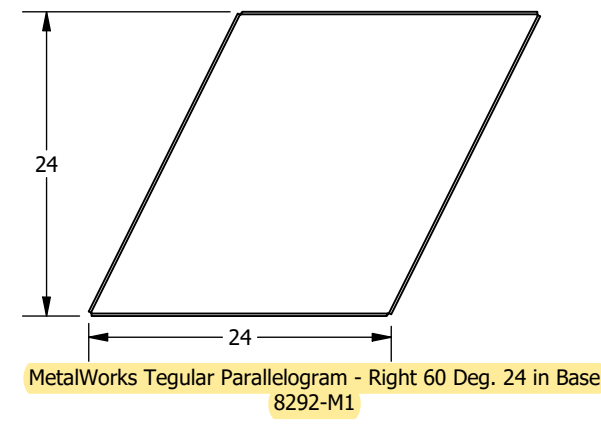
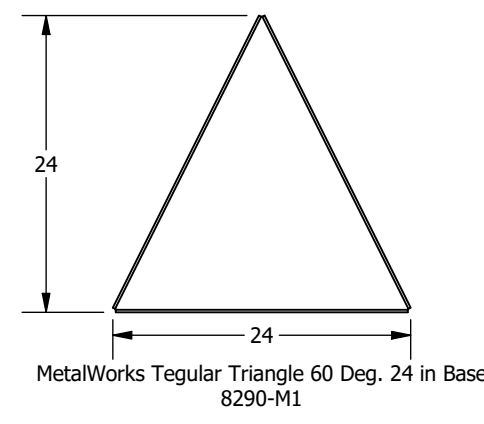


Ultima 9/16\" Beveled Tegular - 60 Deg. 48 in Base Left Rt. Triangle  
100305

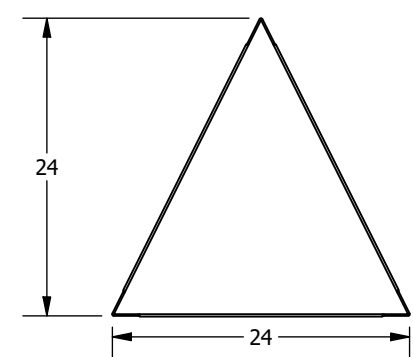


Ultima 9/16\" Beveled Tegular - 45 Deg. 48 in Base Triangle  
100300

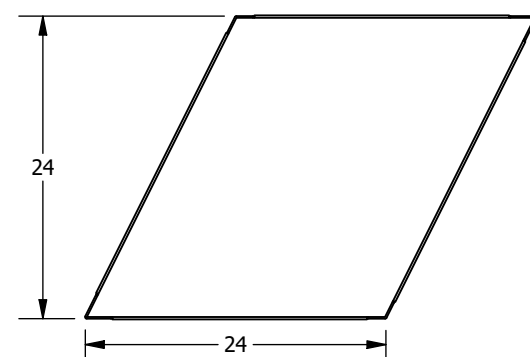
NOTES:  
1. Views are from the face of the panel, and descriptions are based on these views  
2. Dimensions are nominal and reflect grid spacings  
3. Scale 1:15



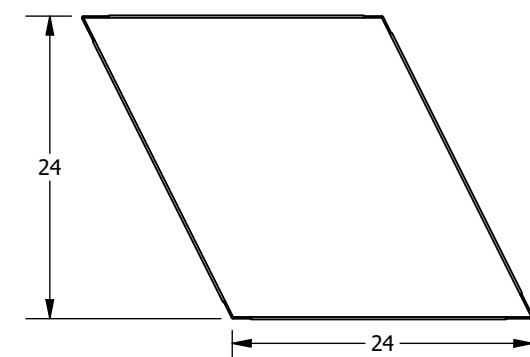
NOTES:  
 1. Views are from the face of the panel, and descriptions are based on these views  
 2. Dimensions are nominal and reflect grid spacings  
 3. Scale 1:15



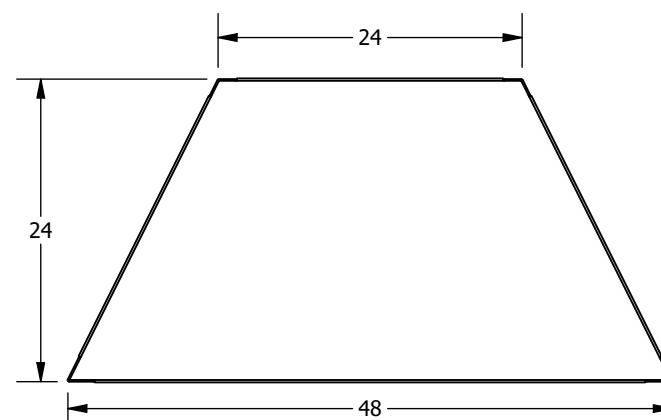
WoodWorks Tegular - 60 Deg. 24 in. Base Triangle  
8277-W1



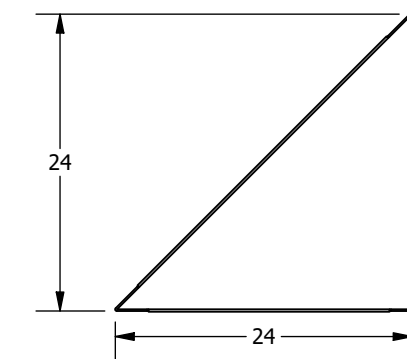
WoodWorks Tegular - 60 Deg. 24 in. Base Right Parallelogram  
8279-W1



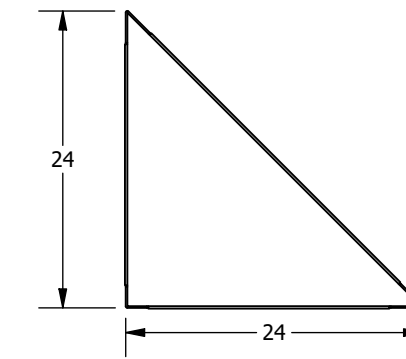
WoodWorks Tegular - 60 Deg. 24 in. Base Left Parallelogram  
8280-W1



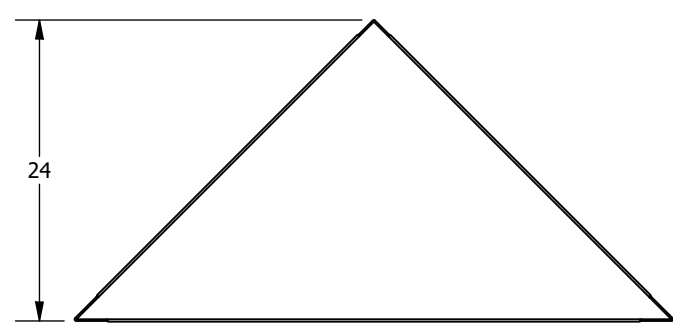
WoodWorks Tegular - 60 Deg. 48 in. Base Trapezoid  
8281-W1



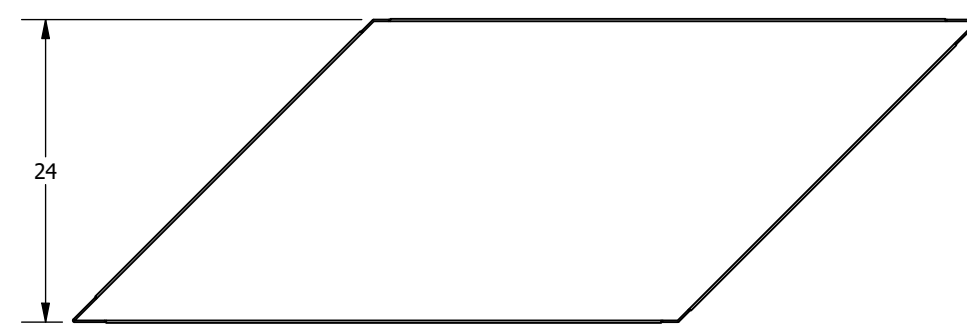
WoodWorks Tegular - 45 Deg. 24 in. Base Right Rt. Triangle  
8272-W1



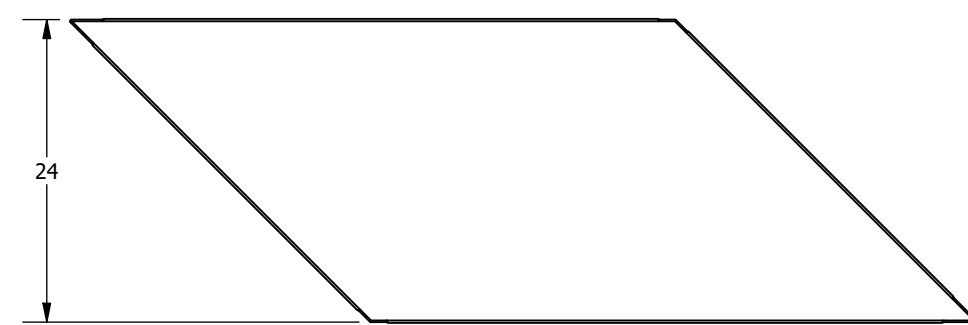
WoodWorks Tegular - 45 Deg. 24 in. Base Left Rt. Triangle  
8282-W1



WoodWorks Tegular - 45 Deg. 48 in. Base Triangle  
8271-W1



WoodWorks Tegular - 45 Deg. 48 in. Base Right Parallelogram  
8274-W1



WoodWorks Tegular - 45 Deg. 48 in. Base Left Parallelogram  
8275-W1

NOTES:  
1. Views are from the face of the panel, and descriptions are based on these views  
2. Dimensions are nominal and reflect grid spacings  
3. Scale 1:15