

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-0003-3 BILL OF MATERIALS			
ITEM	QTY	STOCK NUMBER	DESCRIPTION
1	16	7800	Angle Molding
2	76	7500/7501	12" ID/HD Suprafine Main Beam
3	76	75AB45D	Suprafine 45 Deg. Double Angle Bracket
4	132	75AB45L	Suprafine 45 Deg. Left Angle Bracket
5	152	75AB45R	Suprafine 45 Deg. Right Angle Bracket
6	220	XM754524	Suprafine 45 Deg. Cross Tee - 24in MBS
7	20	XM7524	Suprafine Perimeter Cross Tee - 24in MBS
8	42	BERC2	2" Beam End Retaining Clip
9	20	XTAC	Cross Tee Adapter Clip
10	40	PAC	Perimeter Angle Clip
11	100	100001	Lyra 9/16" Square Tegular - 45 Deg. 48 in Base Triangle
12	80	100014	Lyra 9/16" Square Tegular - 45 Deg. 48 in Base Right Parallelogram
13	80	100015	Lyra 9/16" Square Tegular - 45 Deg. 48 in Base Left Parallelogram
14	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

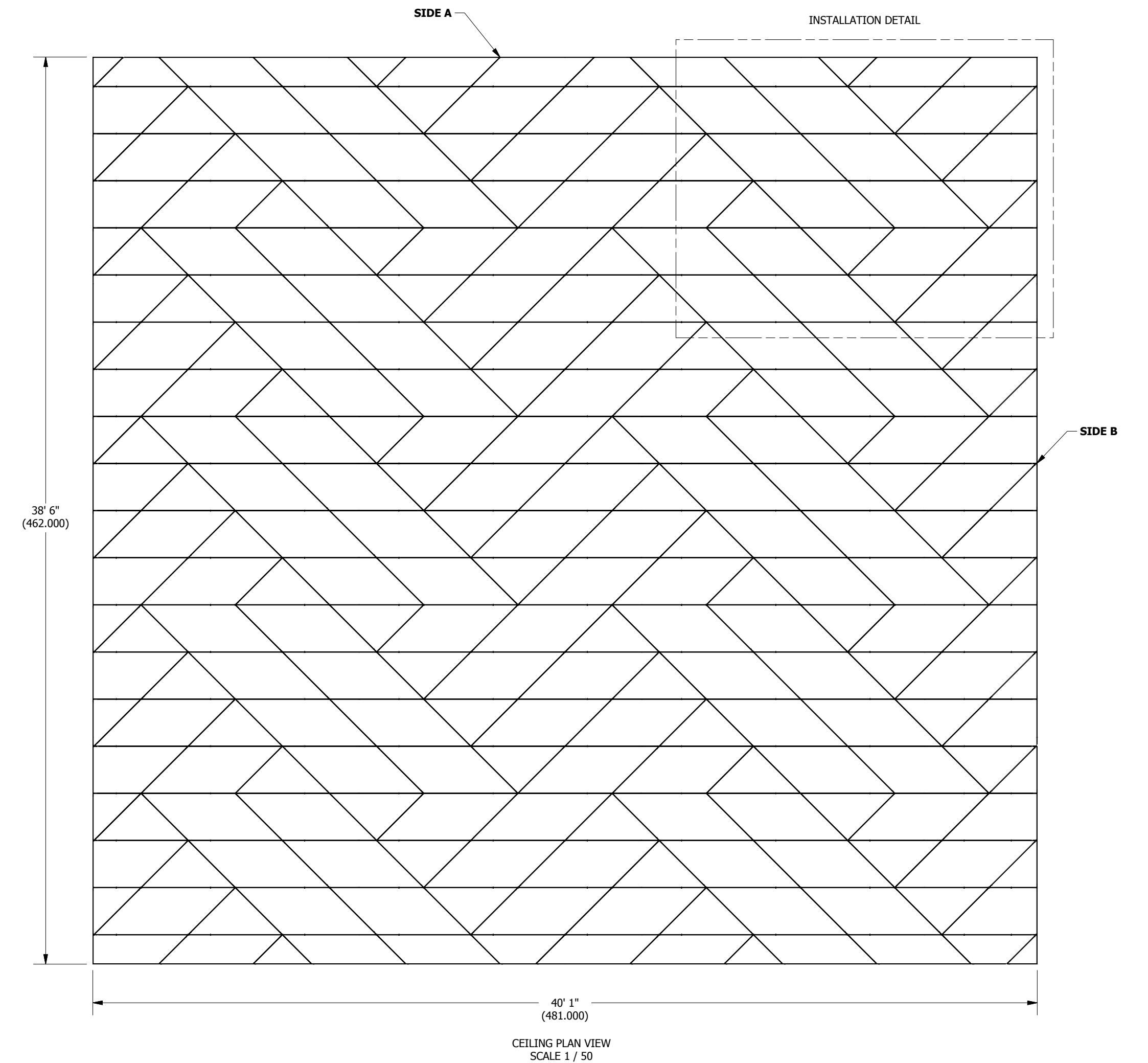
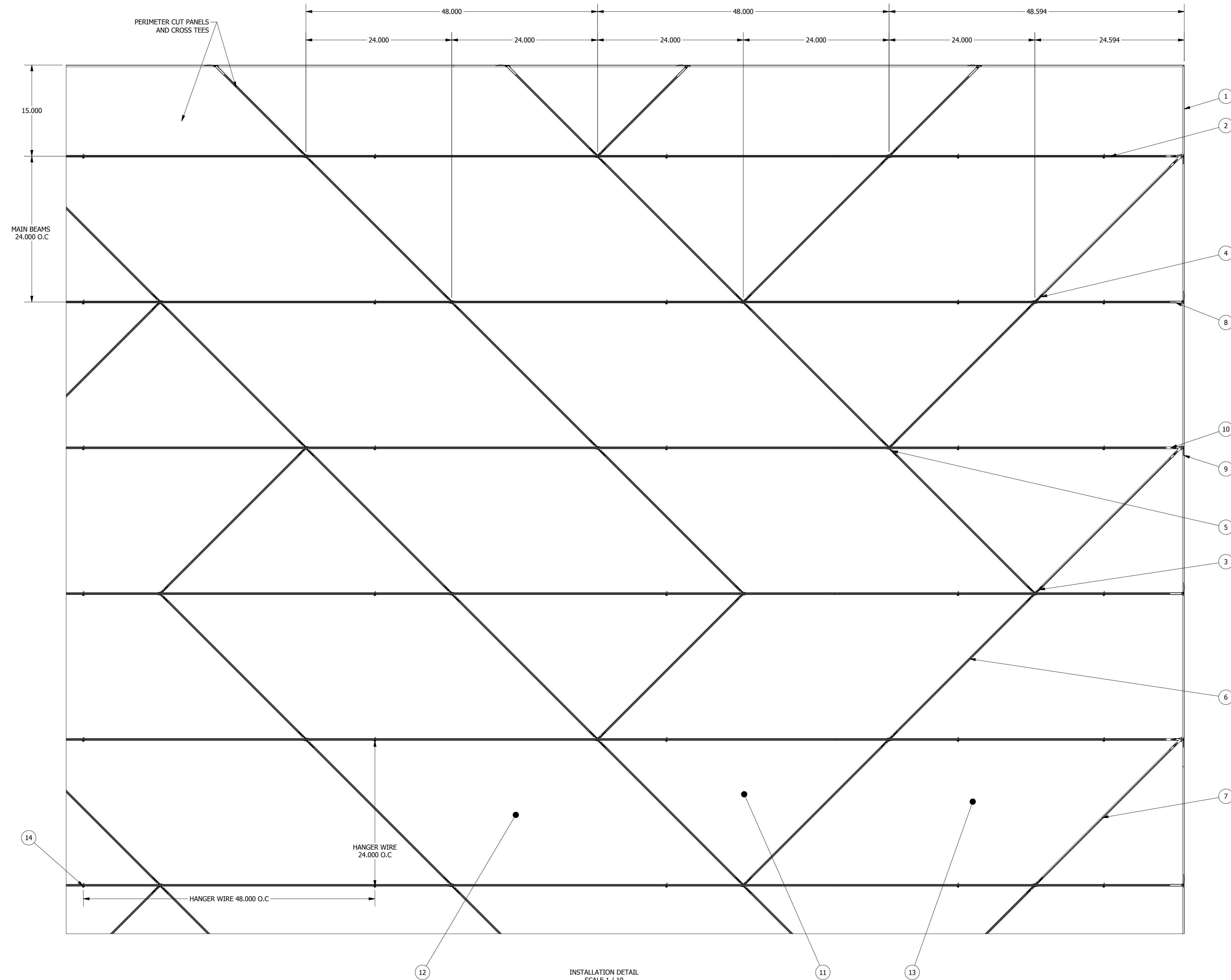
PANEL PRODUCT FAMILIES COMPATIBLE WITH THIS LAYOUT:  
 LYRA, OPTIMA, CALLA, METALWORKS TEGULAR, AND WOODWORKS TEGULAR

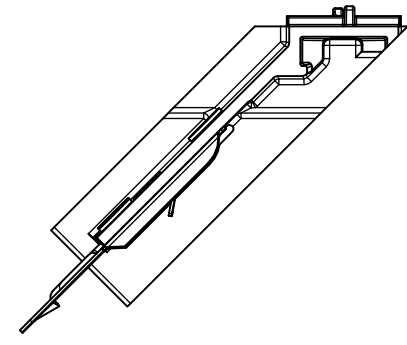
SUSPENSION SYSTEMS COMPATIBLE WITH THIS LAYOUT:  
 SUPRAFINE ID/HD

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

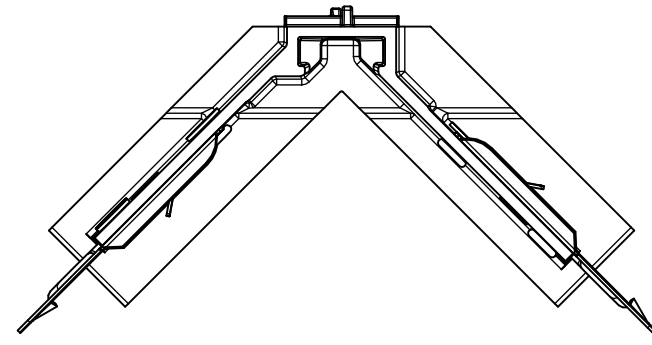
**SIDE B** - REPRESENTS A BORDER CONDITION UTILIZING A SINGLE GRID MEMBER CONNECTION OR MULTIPLE GRID MEMBER CONNECTIONS TO THE PERIMETER

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

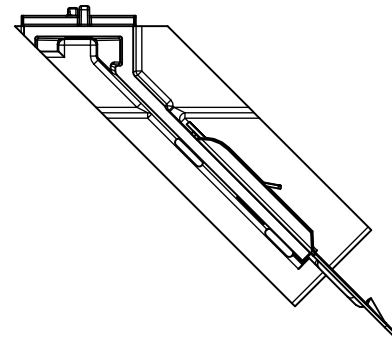




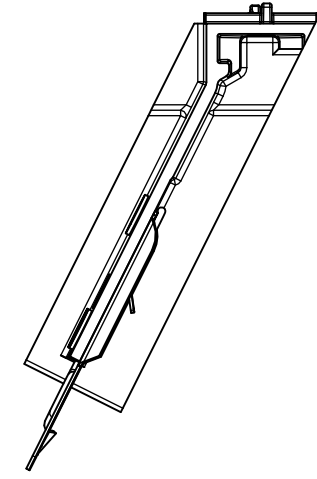
BP75AB45L Suprafine  
45° Left Angle Bracket



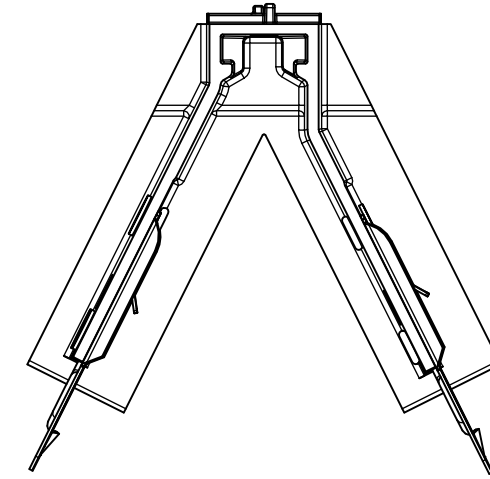
BP75AB45D Suprafine  
45° Double Angle Bracket



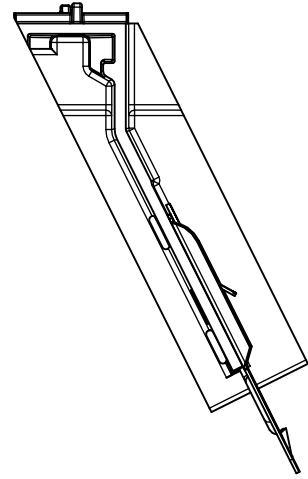
BP75AB45R Suprafine  
45° Right Angle Bracket



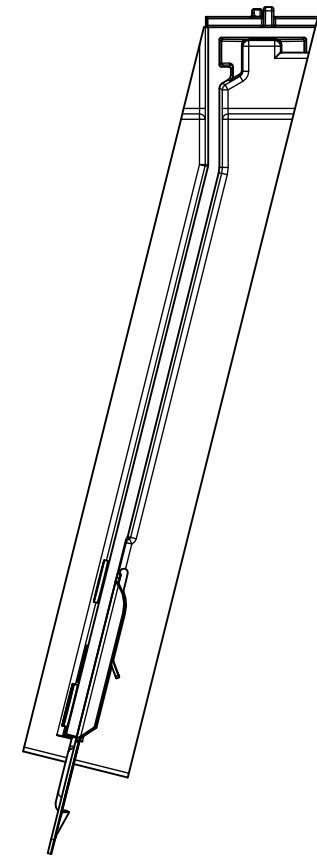
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60° Left Angle Bracket



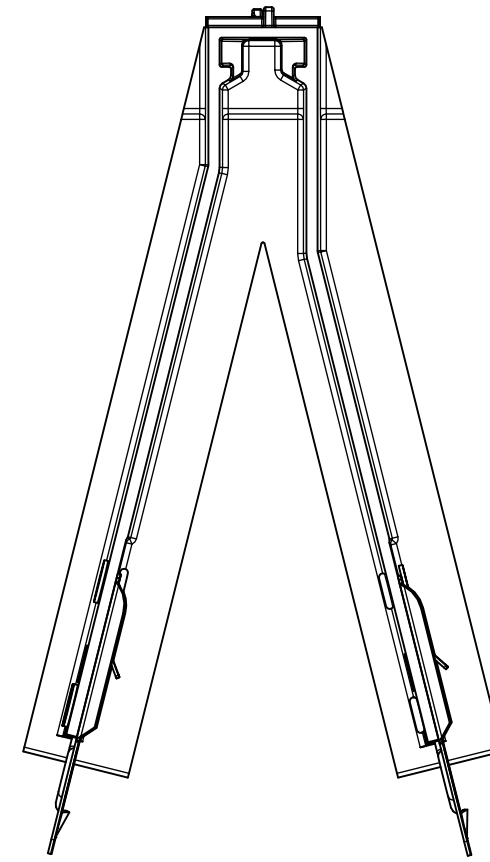
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60° Double Angle Bracket



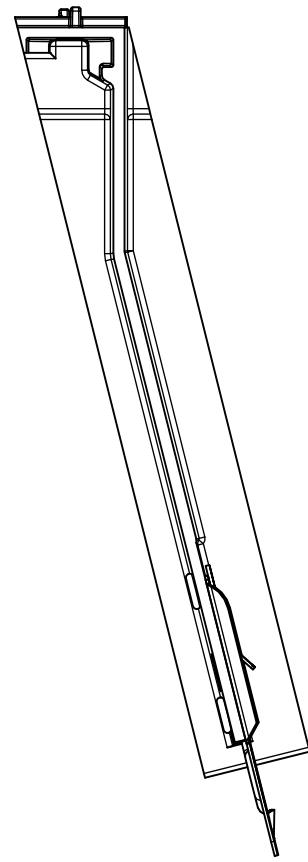
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60° Right Angle Bracket



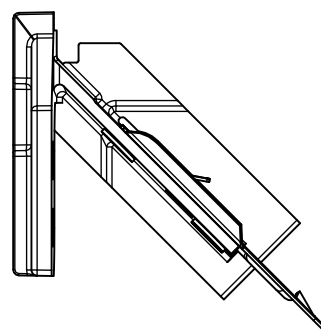
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75° Left Angle Bracket



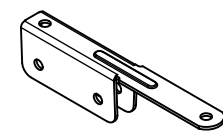
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75° Double Angle Bracket



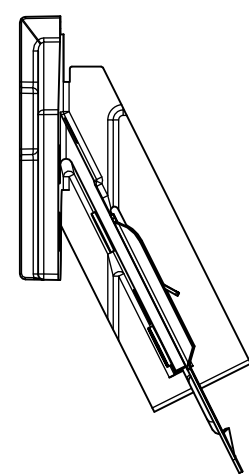
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75° Right Angle Bracket



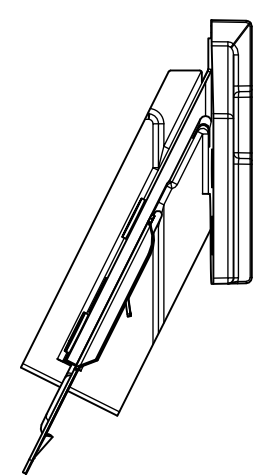
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45° Corner Bracket



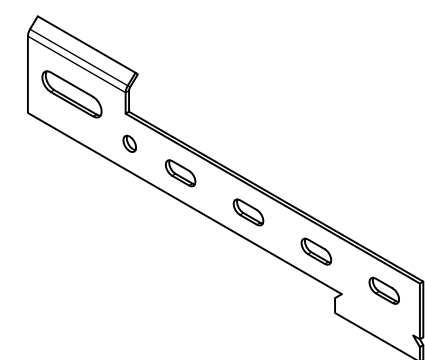
BPPAC  
Perimeter Angle Clip  
SCALE 1 / 2



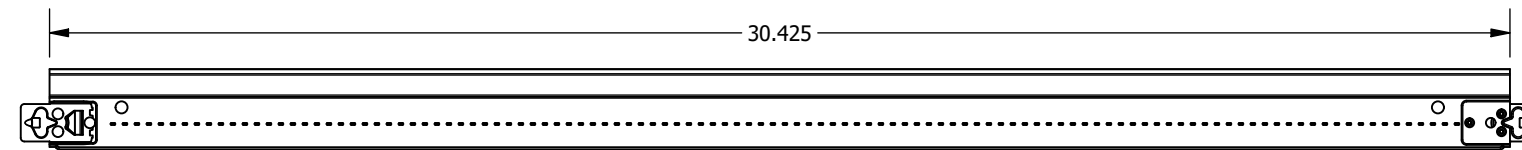
BP75CB60L Suprafine  
60° Left Corner Bracket



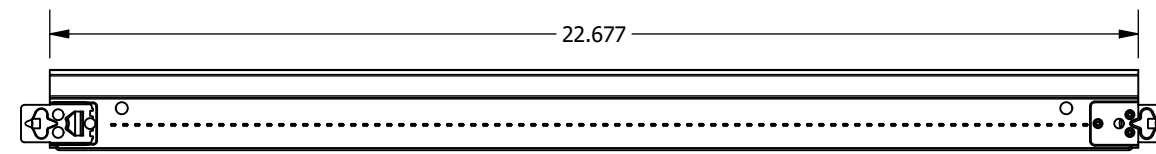
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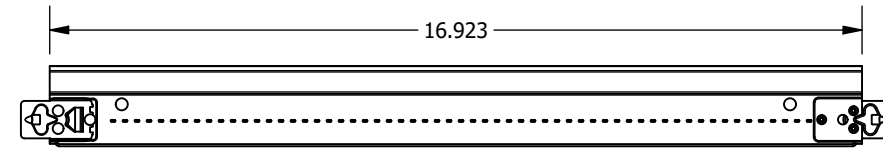
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SCALE 1 / 2



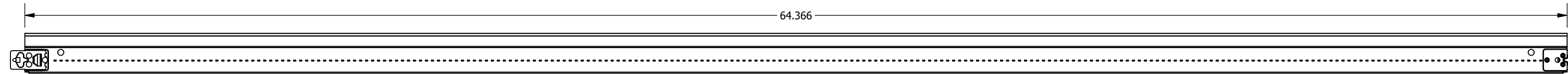
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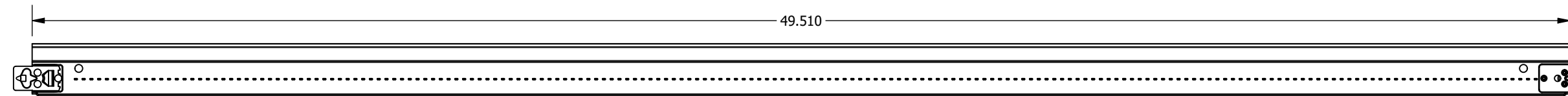
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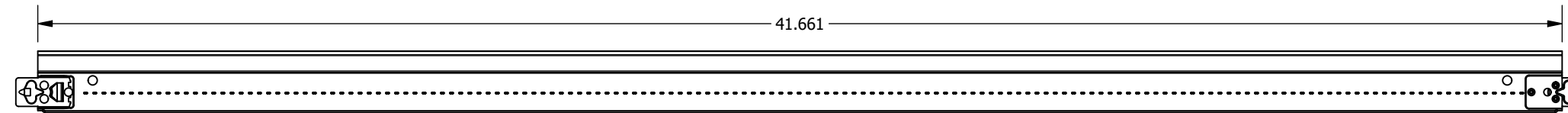
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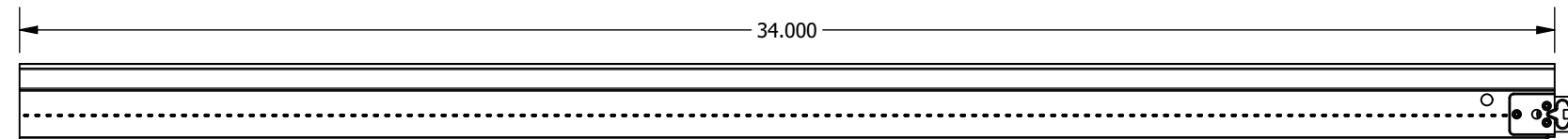
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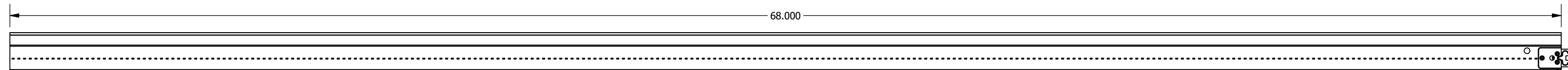
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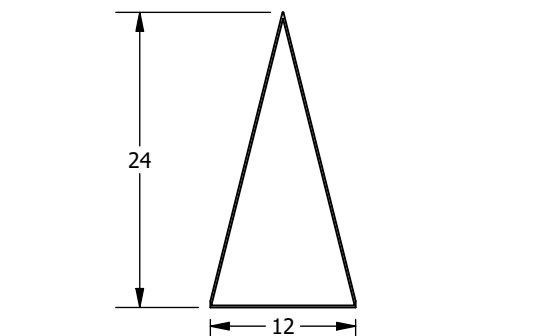
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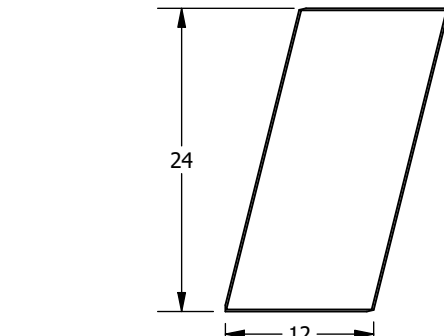
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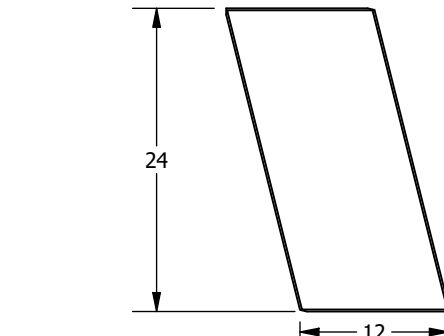
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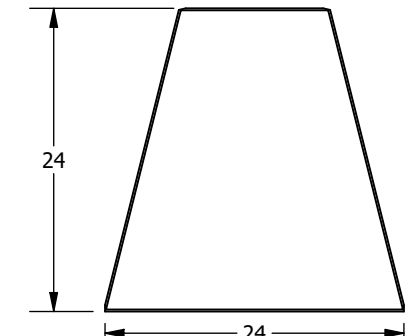
Lyra 9/16" Square Tegular - 75 Deg. 12 in Base Triangle  
100004



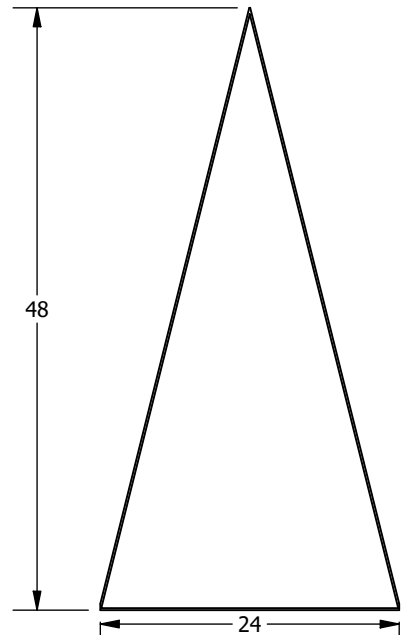
Lyra 9/16" Square Tegular - 75 Deg. 12 in Base Right Parallelogram  
100020



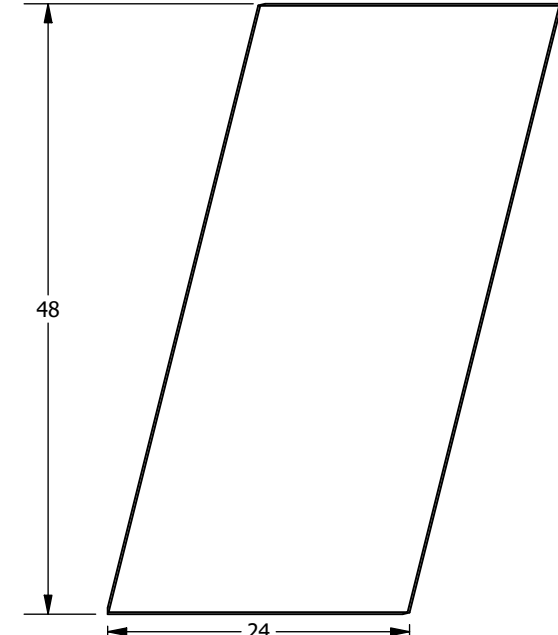
Lyra 9/16" Square Tegular - 75 Deg. 12 in Base Left Parallelogram  
100021



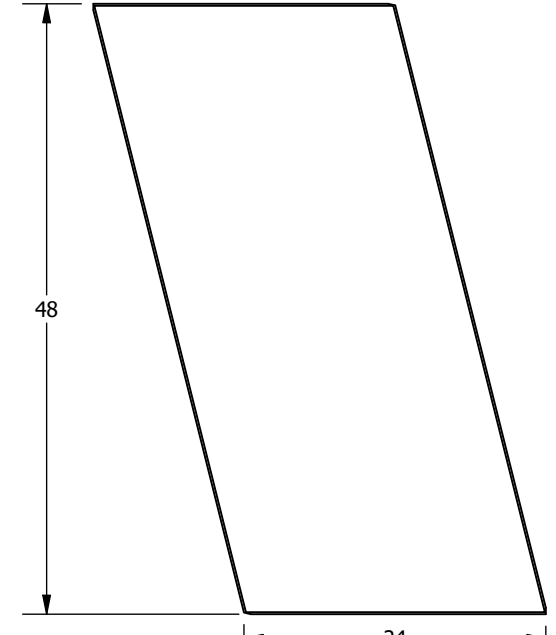
Lyra 9/16" Square Tegular - 75 Deg. 24 in Base Trapezoid  
100012



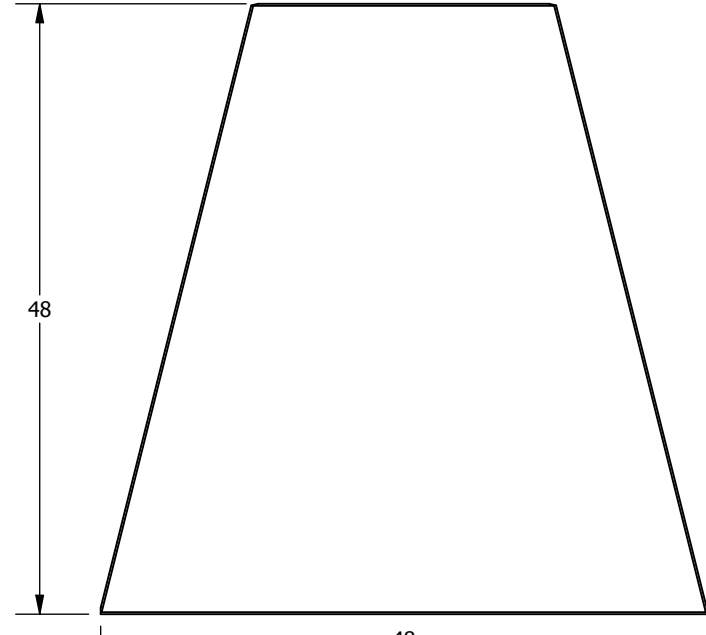
Lyra 9/16" Square Tegular - 75 Deg. 24 in Base Triangle  
100005



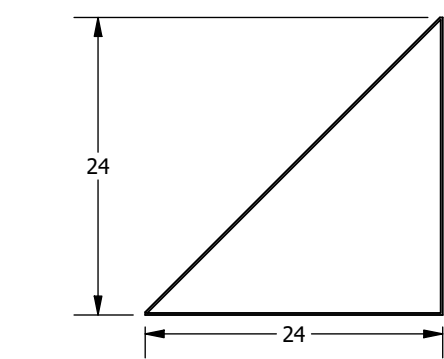
Lyra 9/16" Square Tegular - 75 Deg. 24 in Base Right Parallelogram  
100022



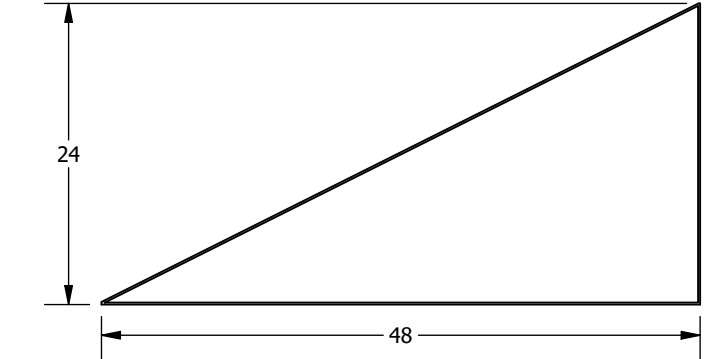
Lyra 9/16" Square Tegular - 75 Deg. 24 in Base Left Parallelogram  
100023



Lyra 9/16" Square Tegular - 75 Deg. 48 in Base Trapezoid  
100013



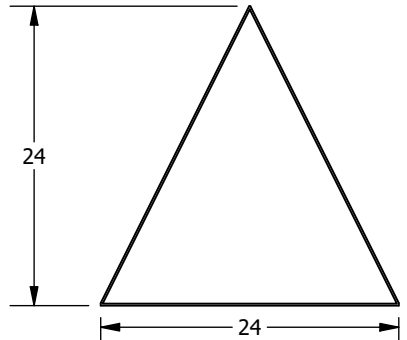
Lyra 9/16" Square Tegular - 45 Deg. 24 in Base Rt. Triangle  
100008



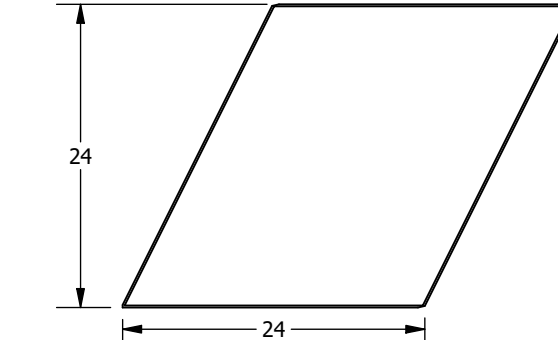
Lyra 9/16" Square Tegular - 60 Deg. 48 in Base Right Rt. Triangle  
100007



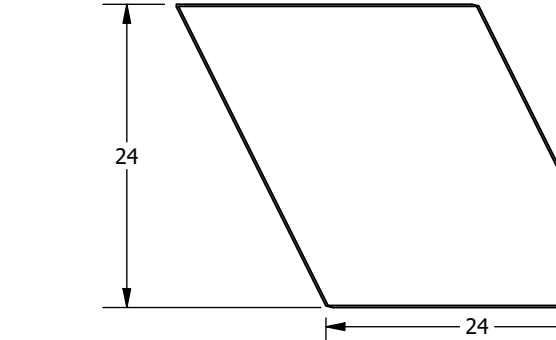
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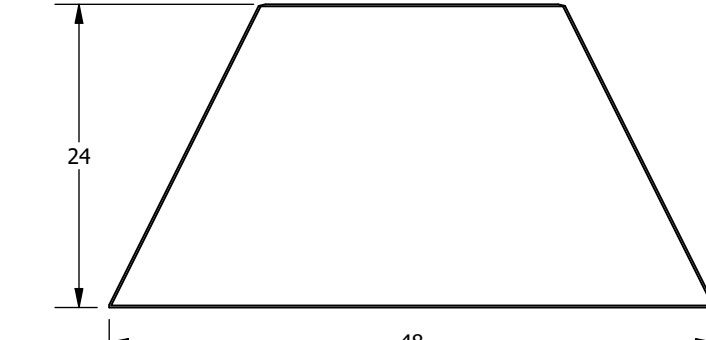
Lyra 9/16" Square Tegular - 60 Deg. 24 in Base Triangle  
100002



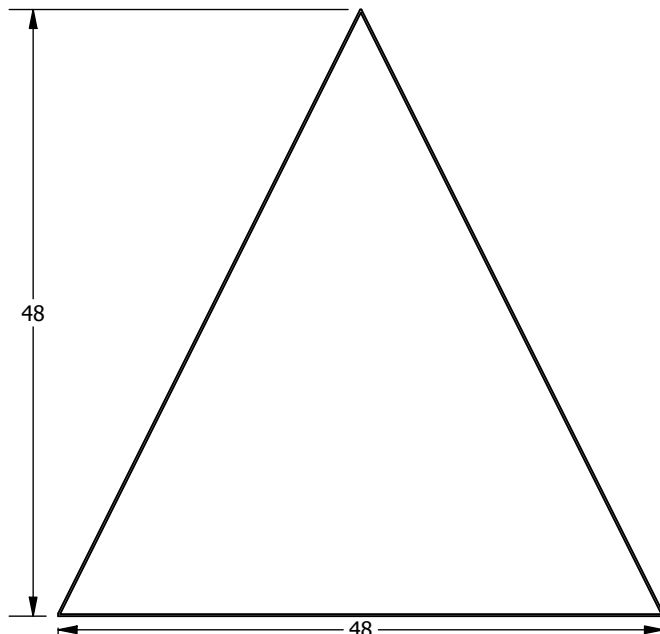
Lyra 9/16" Square Tegular - 60 Deg. 24 in Base Right Parallelogram  
100016



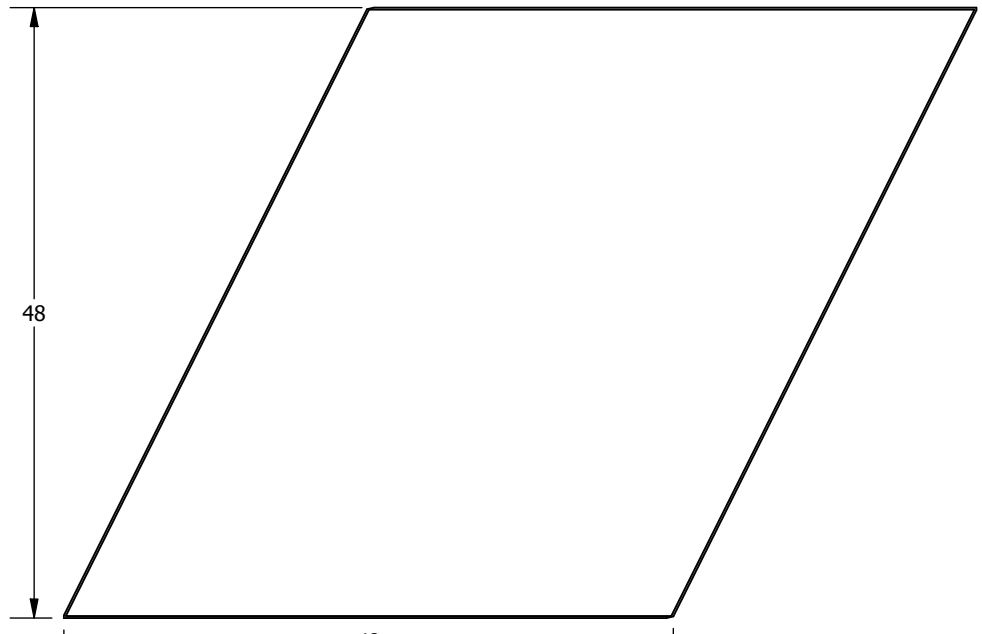
Lyra 9/16" Square Tegular - 60 Deg. 24 in Base Left Parallelogram  
100017



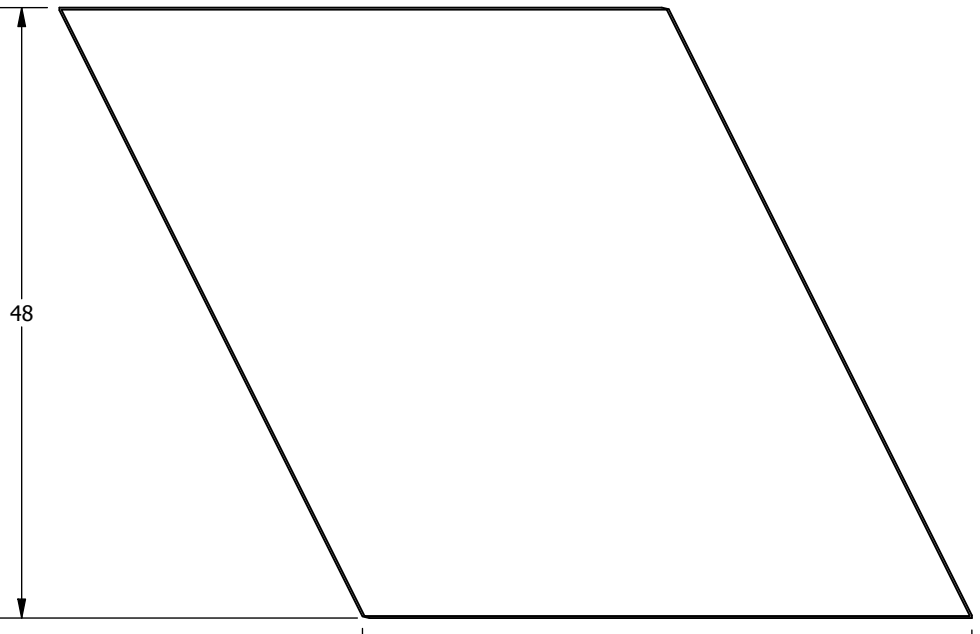
Lyra 9/16" Square Tegular - 60 Deg. 48 in Base Trapezoid  
100011



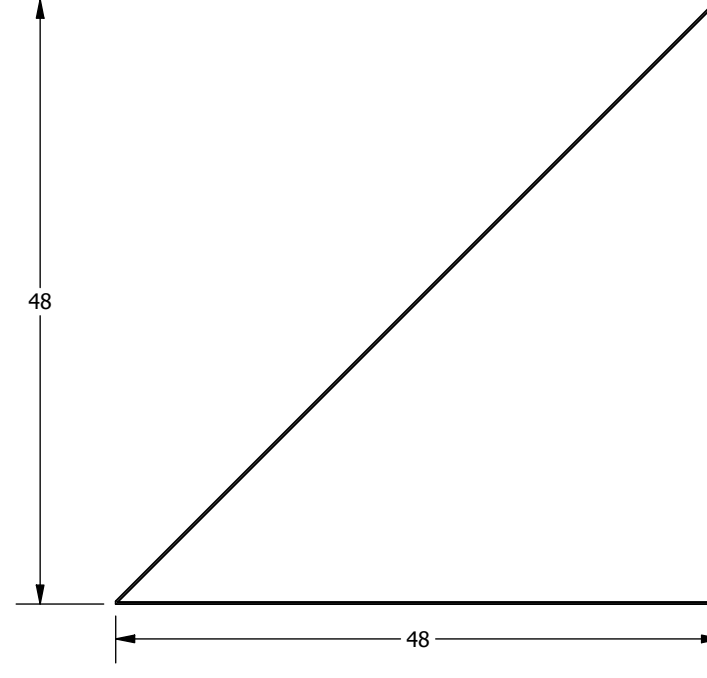
Lyra 9/16" Square Tegular - 60 Deg. 48 in Base Triangle  
100003



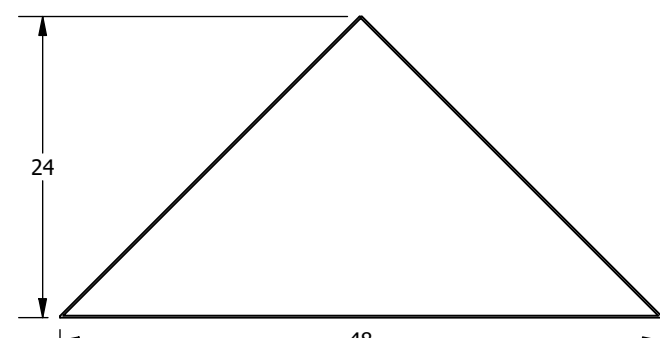
Lyra 9/16" Square Tegular - 60 Deg. 48 in Base Right Parallelogram  
100018



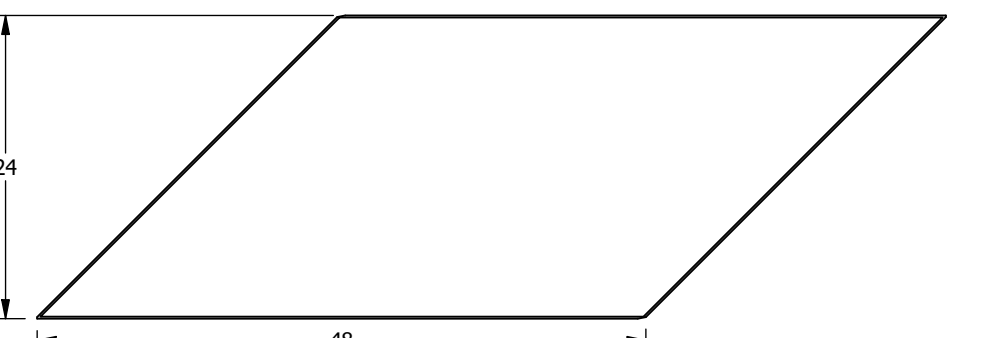
Lyra 9/16" Square Tegular - 60 Deg. 48 in Base Left Parallelogram  
100019



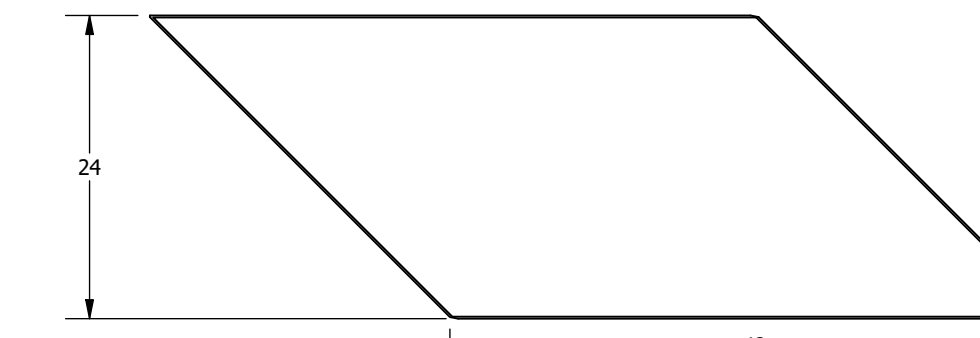
Lyra 9/16" Square Tegular - 45 Deg. 48 in Base Rt. Triangle  
100009



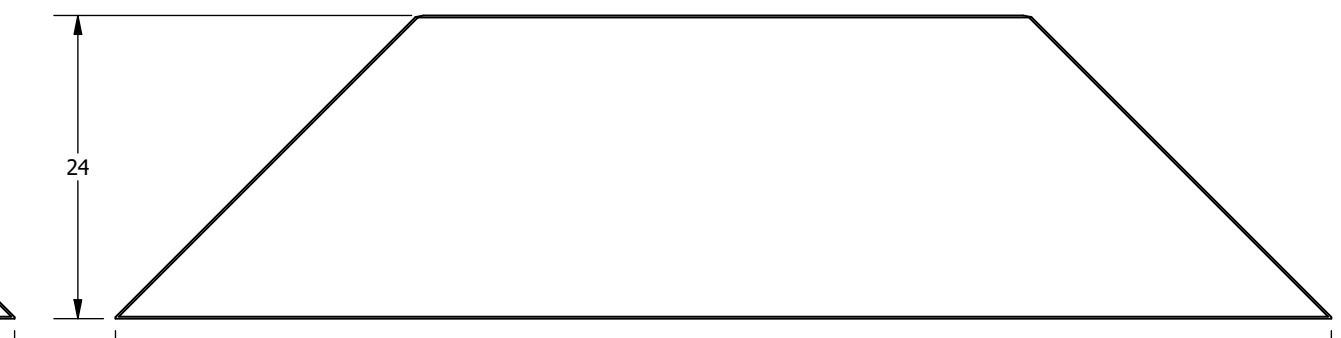
Lyra 9/16" Square Tegular - 45 Deg. 48 in Base Triangle  
100001



Lyra 9/16" Square Tegular - 45 Deg. 48 in Base Right Parallelogram  
100014

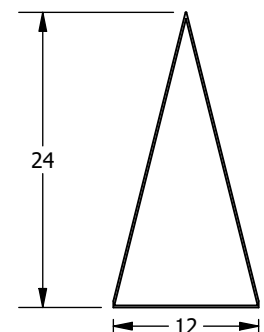


Lyra 9/16" Square Tegular - 45 Deg. 48 in Base Left Parallelogram  
100015

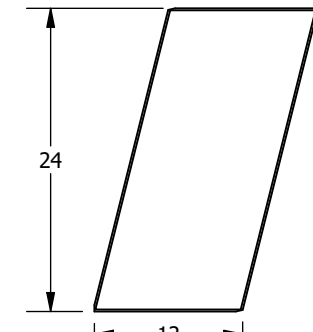


Lyra 9/16" Square Tegular - 45 Deg. 96 in Base Trapezoid  
100010

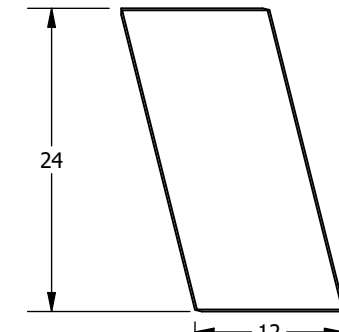
NOTES:  
1. Views are from the face of the panel, and descriptions are based on these views  
2. Dimensions are nominal and reflect grid spacings  
3. Scale 1:15



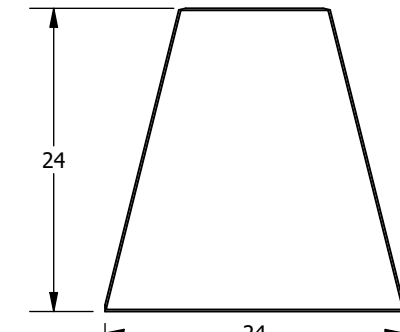
Optima 9/16" Square Tegular - 75 Deg. 12 in Base Triangle  
100203



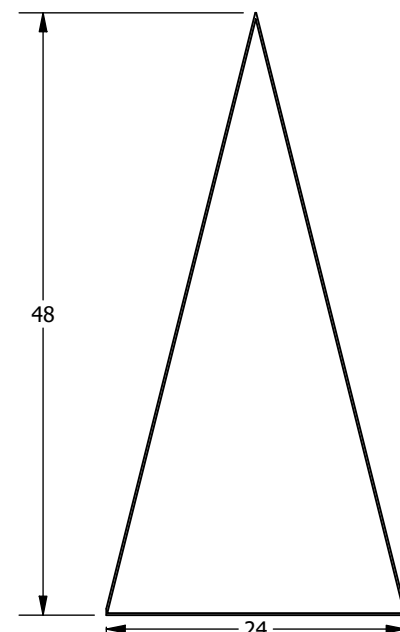
Optima 9/16" Square Tegular - 75 Deg. 12 in Base Right Parallelogram  
100219



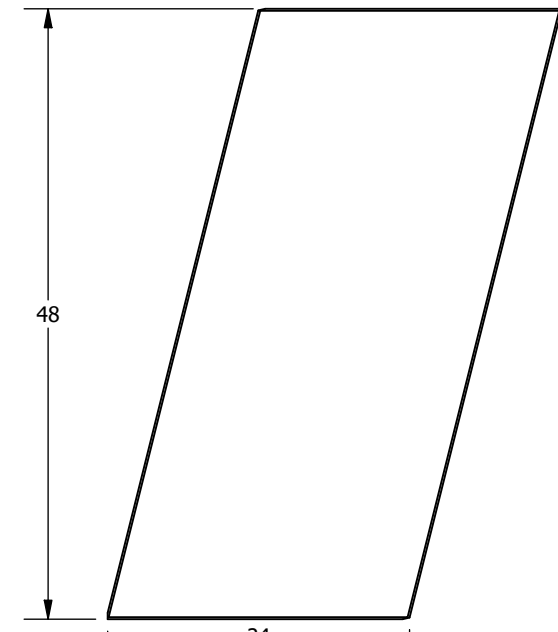
Optima 9/16" Square Tegular - 75 Deg. 12 in Base Left Parallelogram  
100220



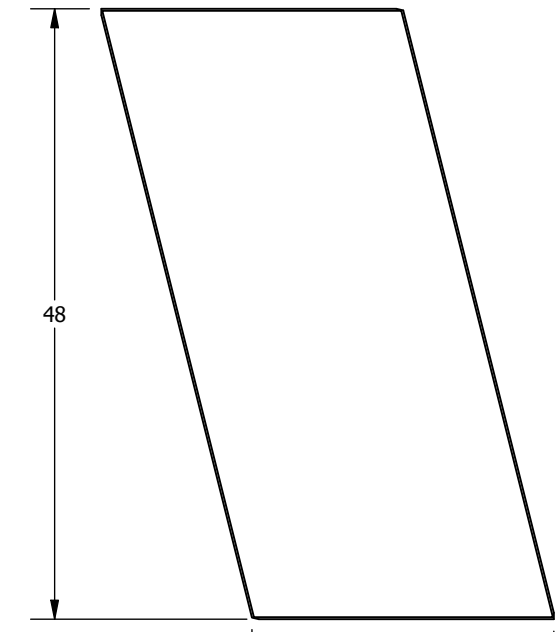
Optima 9/16" Square Tegular - 75 Deg. 24 in Base Trapezoid  
100211



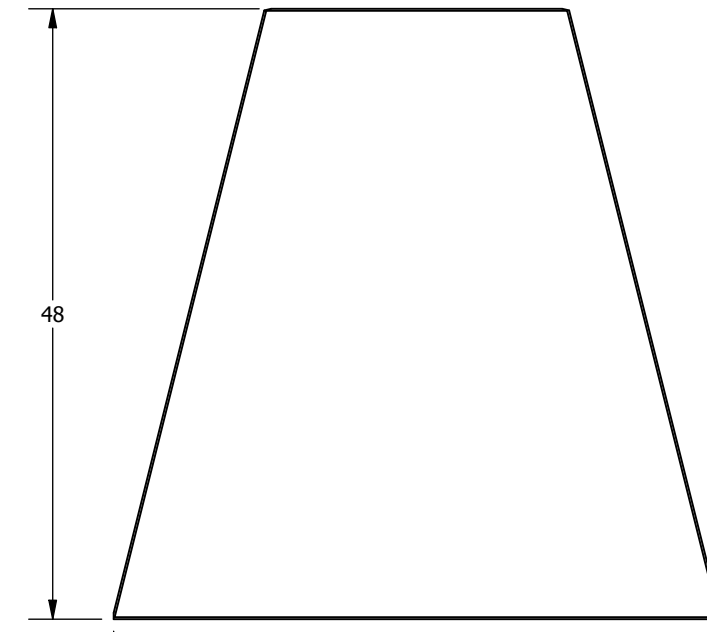
Optima 9/16" Square Tegular - 75 Deg. 24 in Base Triangle  
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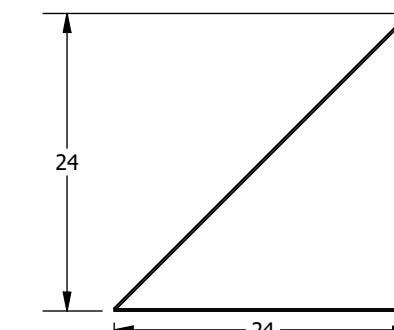
Optima 9/16" Square Tegular - 75 Deg. 24 in Base Right Parallelogram  
100221



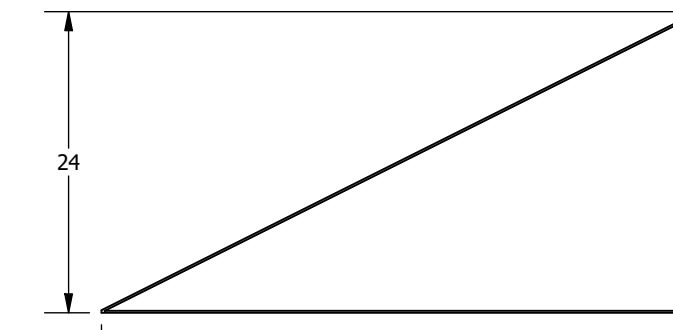
Optima 9/16" Square Tegular - 75 Deg. 24 in Base Left Parallelogram  
100222



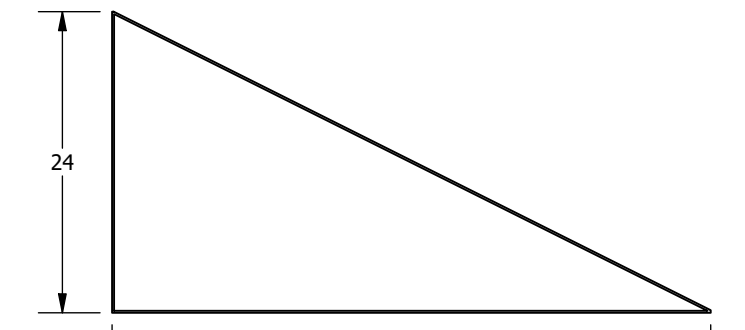
Optima 9/16" Square Tegular - 75 Deg. 48 in Base Trapezoid  
100212



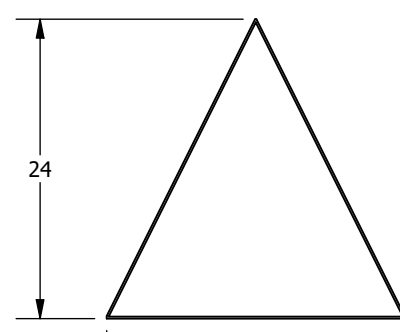
Optima 9/16" Square Tegular - 45 Deg. 24 in Base Rt. Triangle  
100207



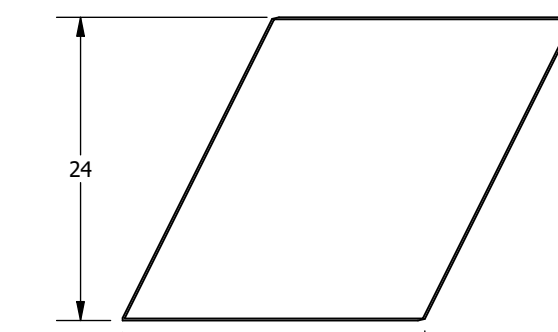
Optima 9/16" Square Tegular - 60 Deg. 48 in Base Right Rt. Triangle  
100206



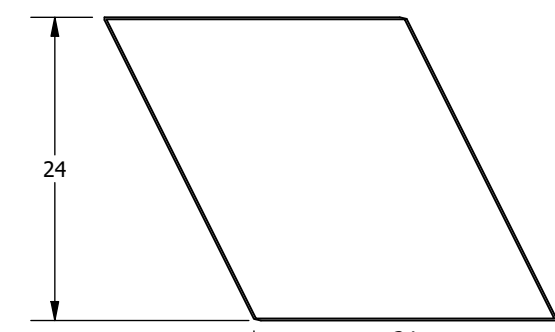
Optima 9/16" Square Tegular - 60 Deg. 48 in Base Left Rt. Triangle  
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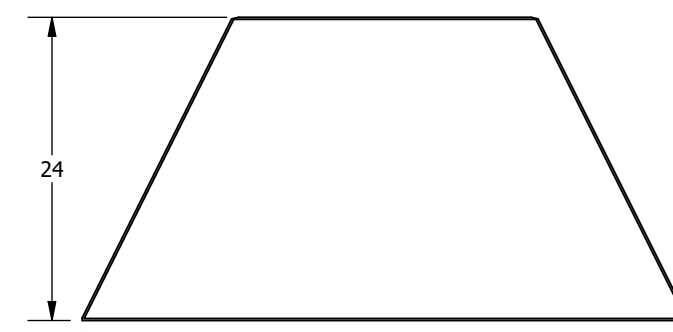
Optima 9/16" Square Tegular - 60 Deg. 24 in Base Triangle  
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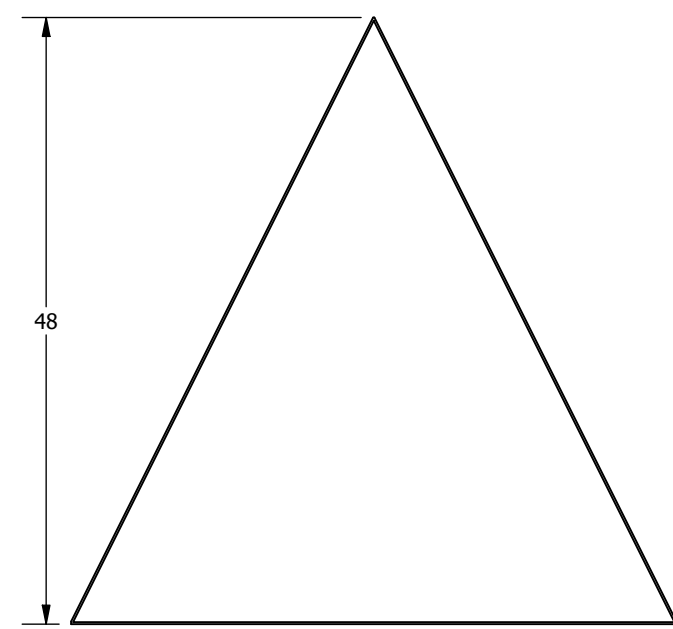
Optima 9/16" Square Tegular - 60 Deg. 24 in Base Right Parallelogram  
100215



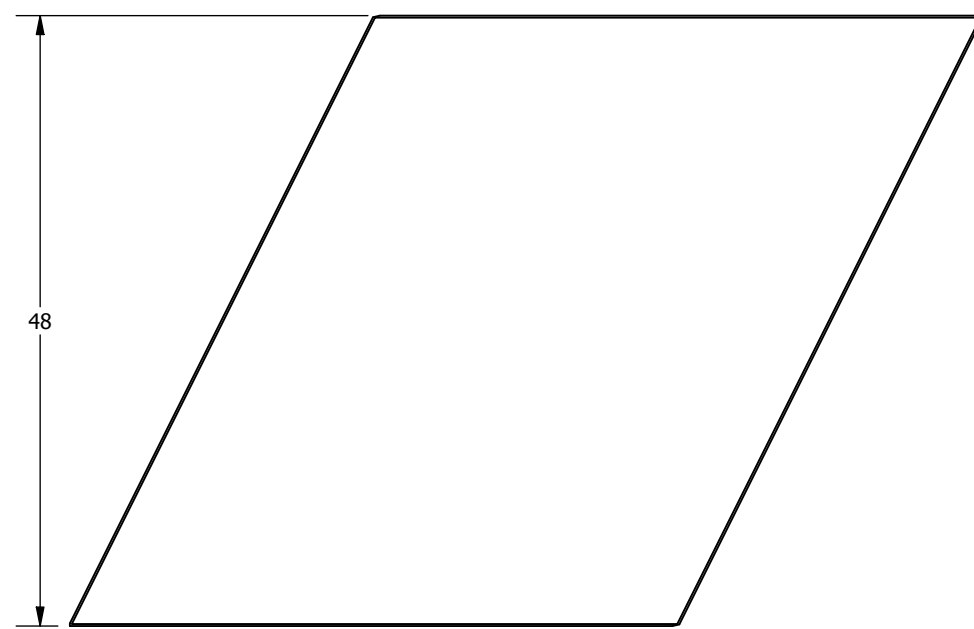
Optima 9/16" Square Tegular - 60 Deg. 24 in Base Left Parallelogram  
100216



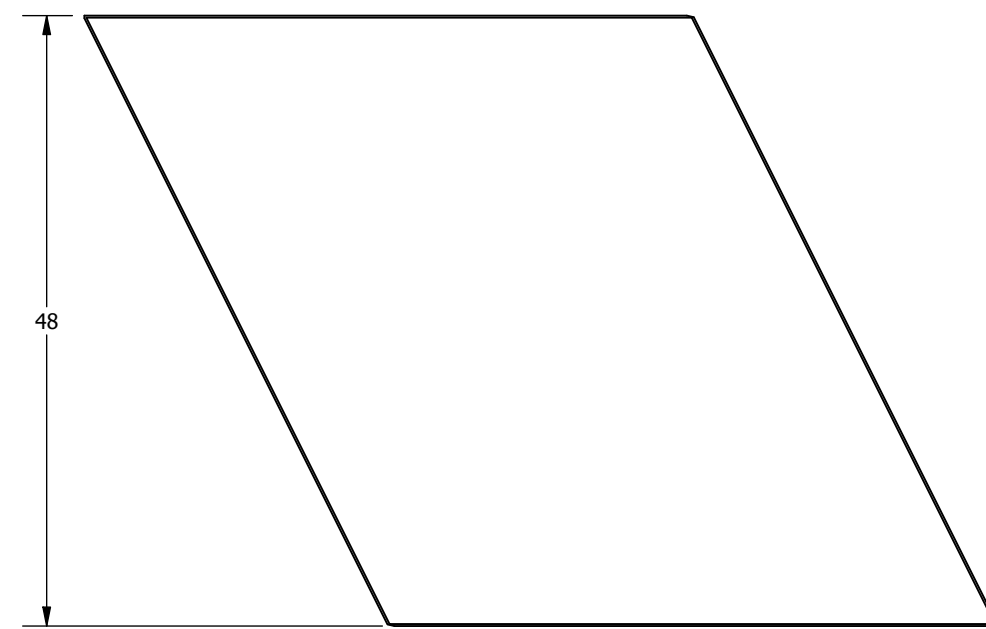
Optima 9/16" Square Tegular - 60 Deg. 48 in Base Trapezoid  
100210



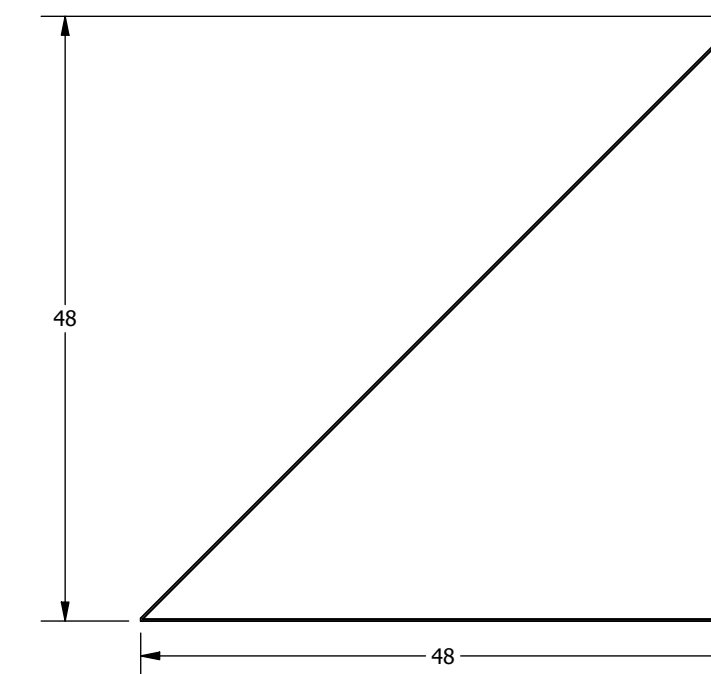
Optima 9/16" Square Tegular - 60 Deg. 48 in Base Triangle  
100202



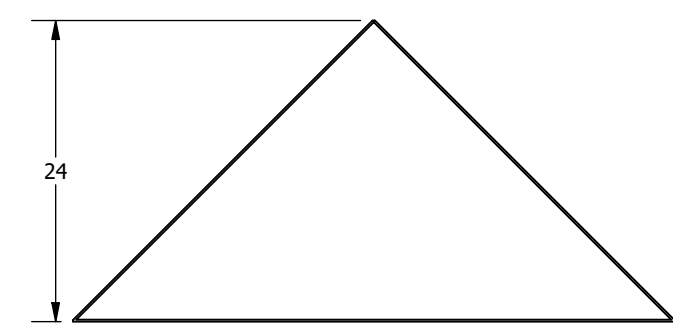
Optima 9/16" Square Tegular - 60 Deg. 48 in Base Right Parallelogram  
100217



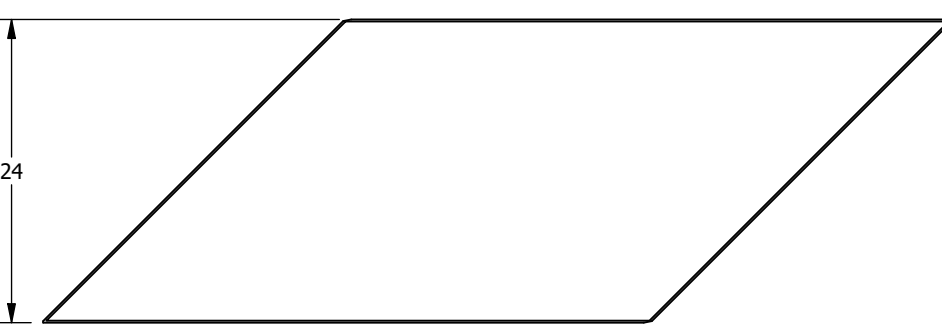
Optima 9/16" Square Tegular - 60 Deg. 48 in Base Left Parallelogram  
100218



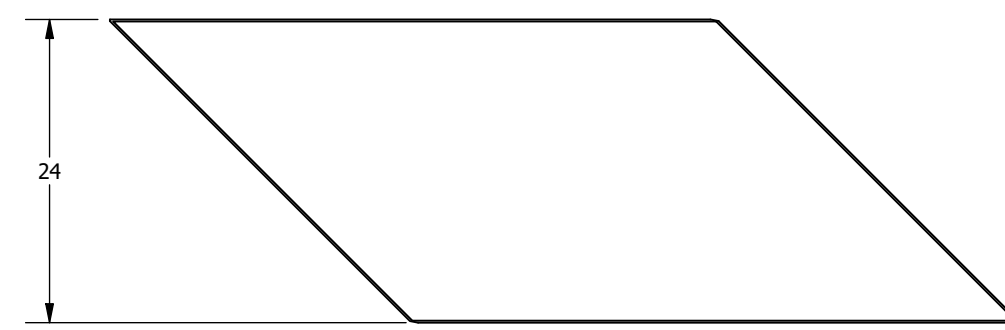
Optima 9/16" Square Tegular - 45 Deg. 48 in Base Rt. Triangle  
100208



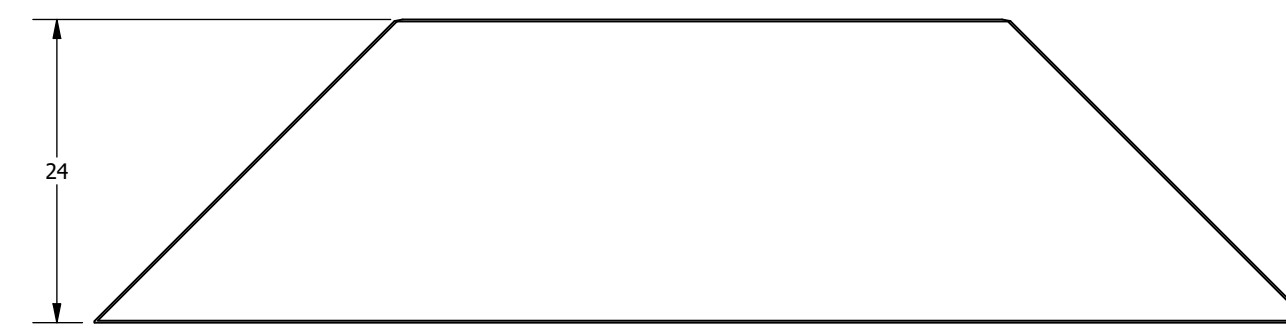
Optima 9/16" Square Tegular - 45 Deg. 48 in Base Triangle  
100200



Optima 9/16" Square Tegular - 45 Deg. 48 in Base Right Parallelogram  
100213



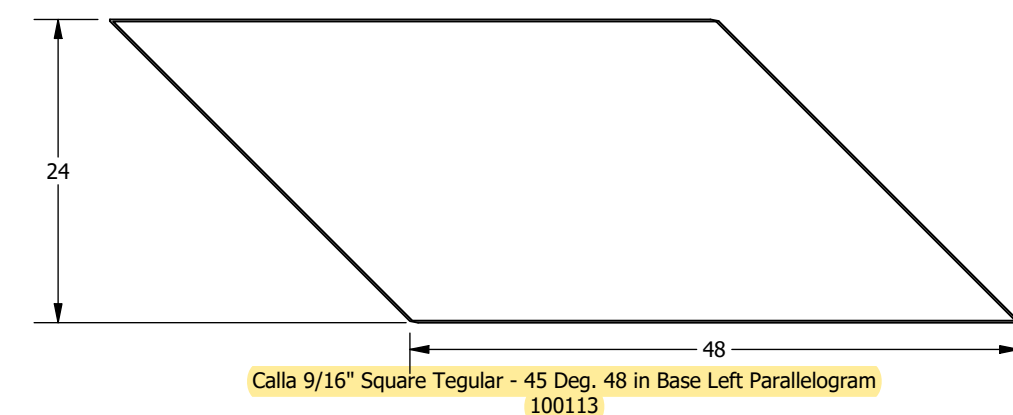
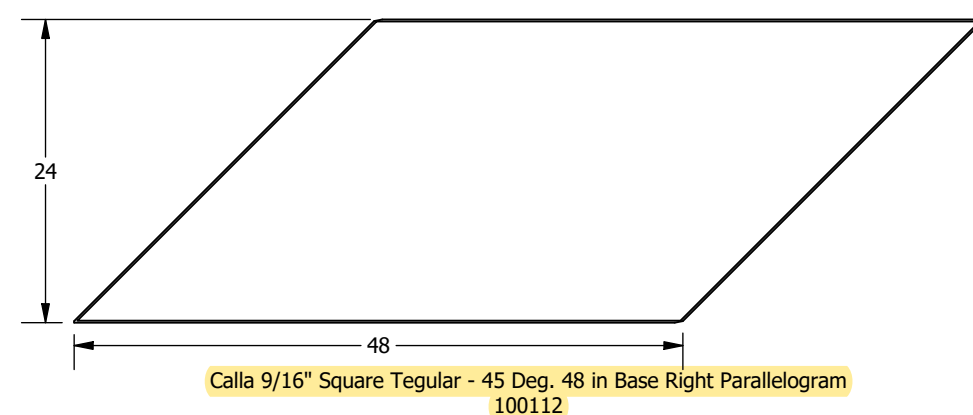
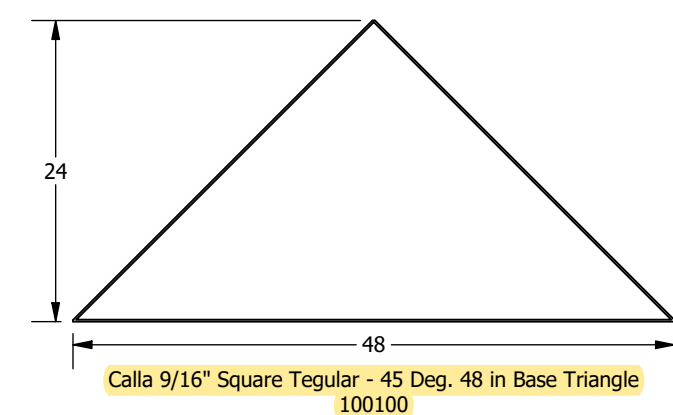
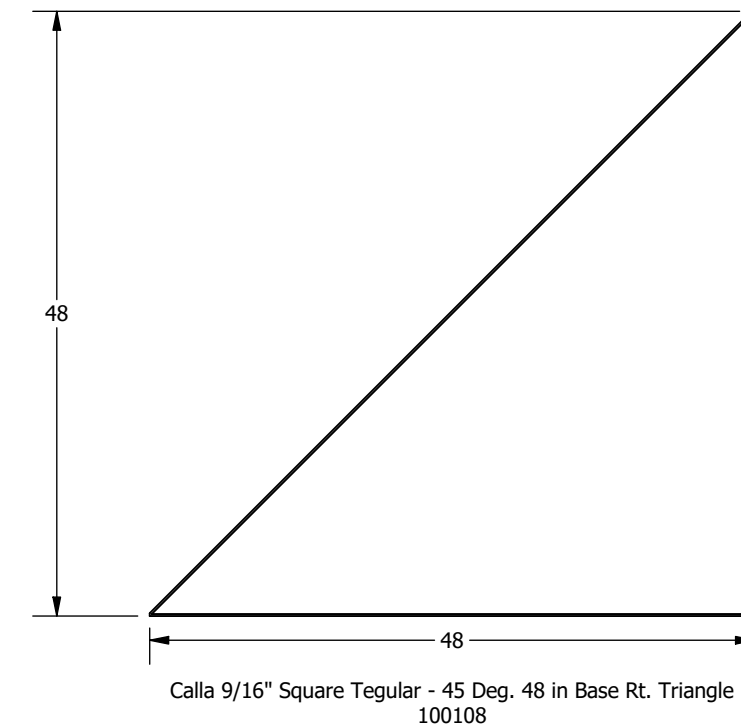
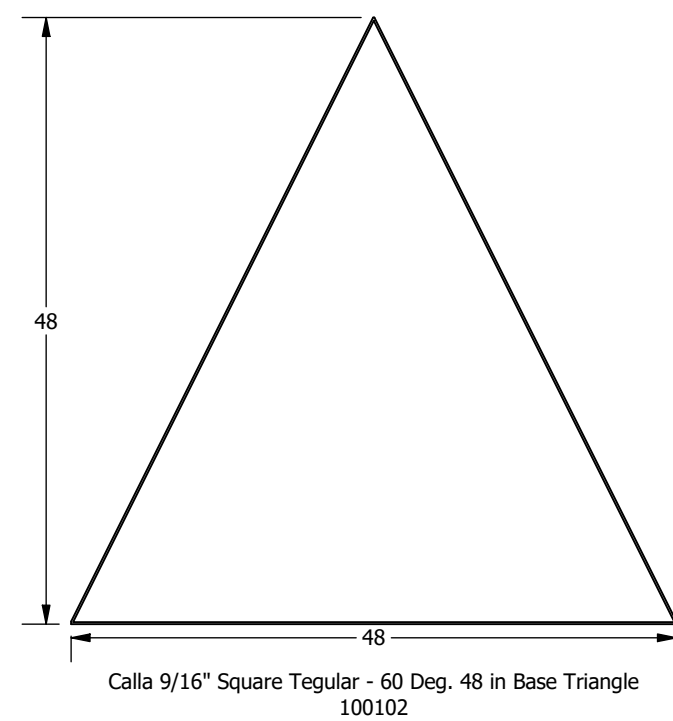
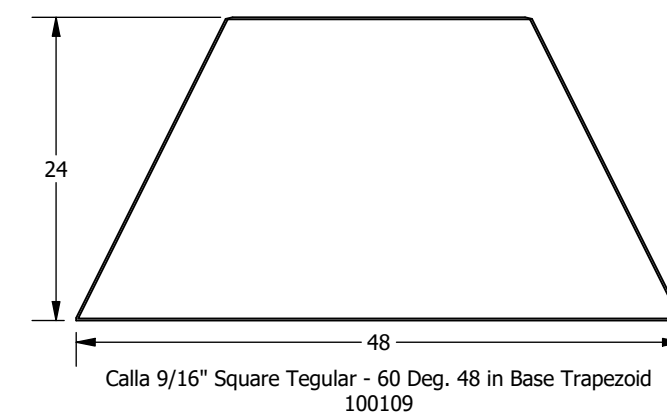
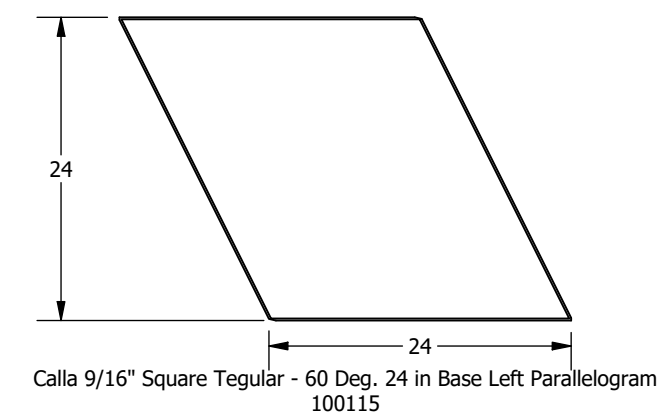
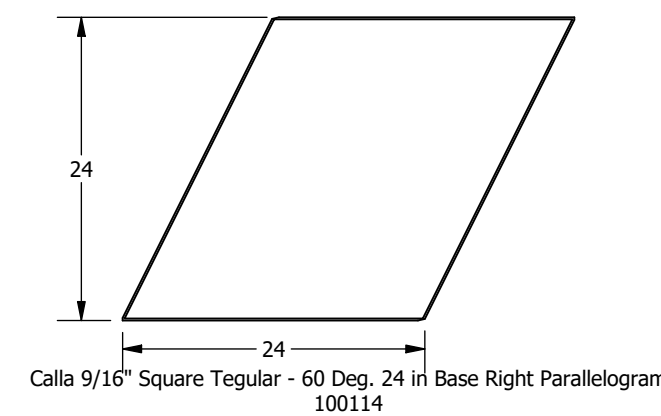
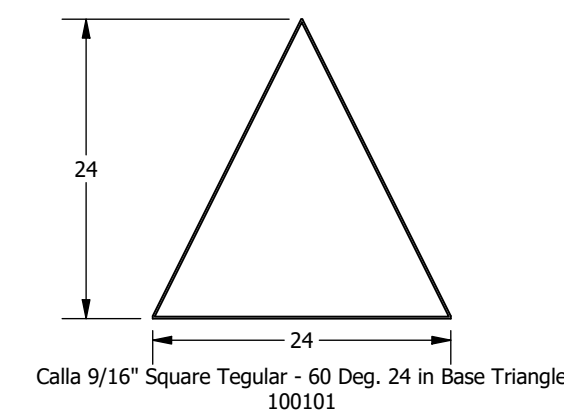
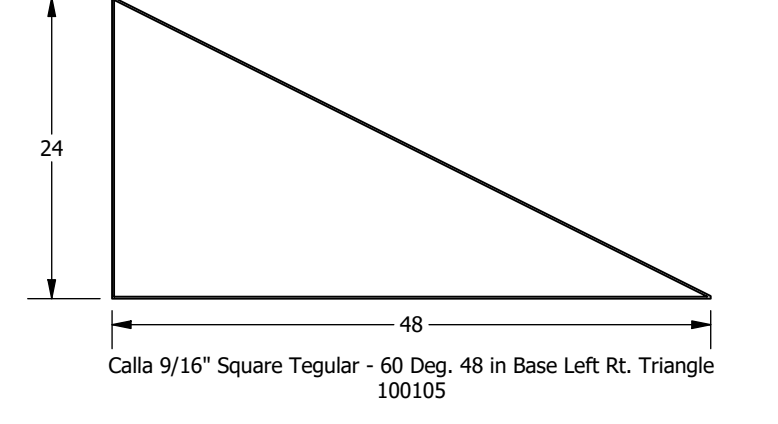
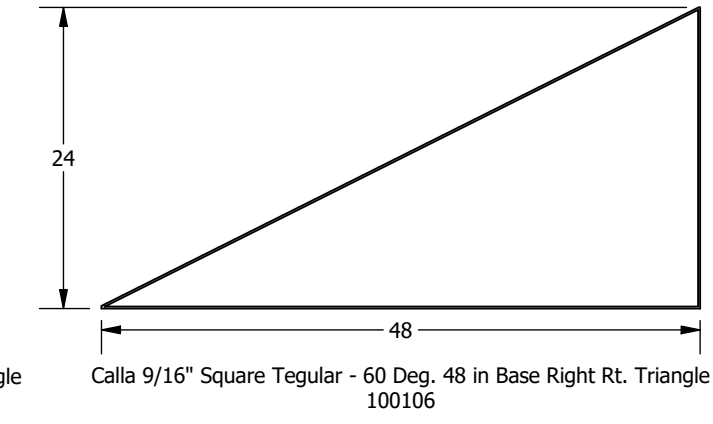
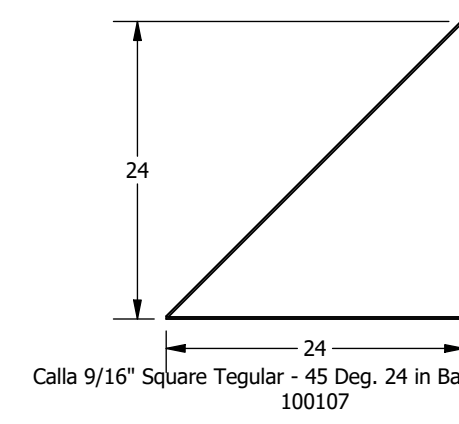
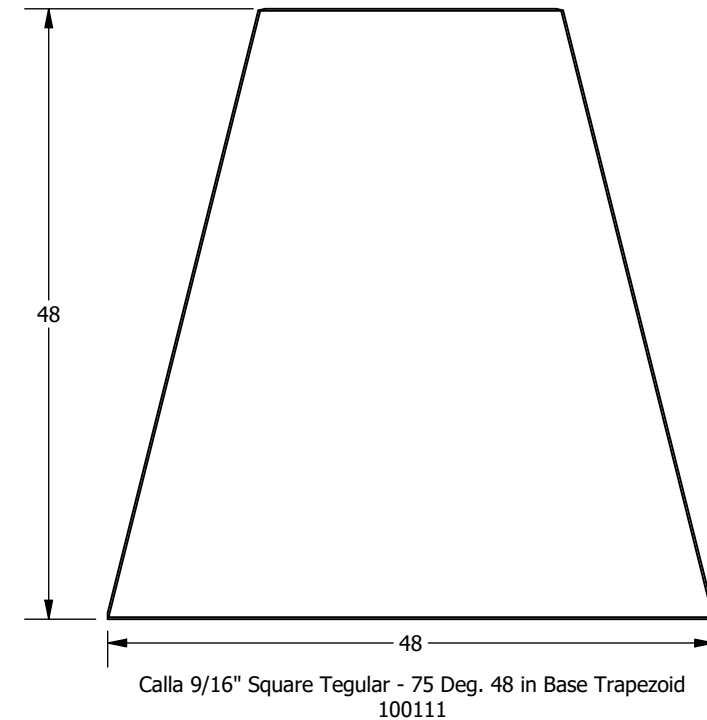
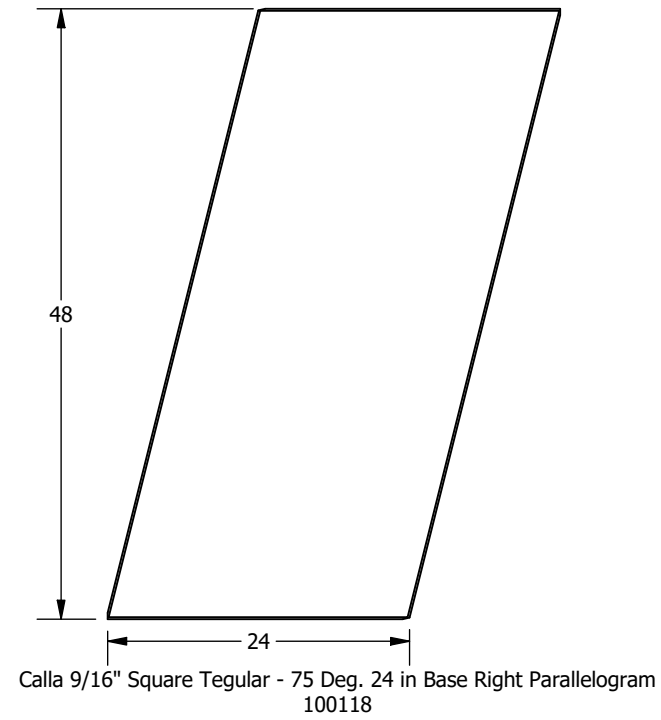
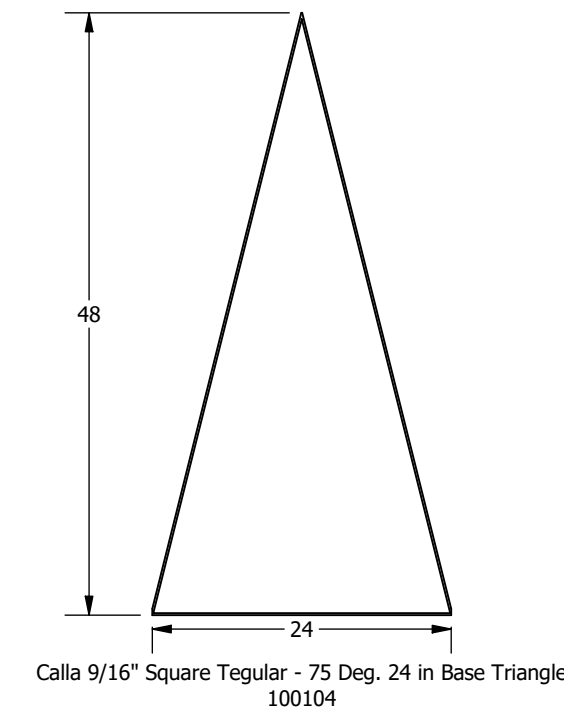
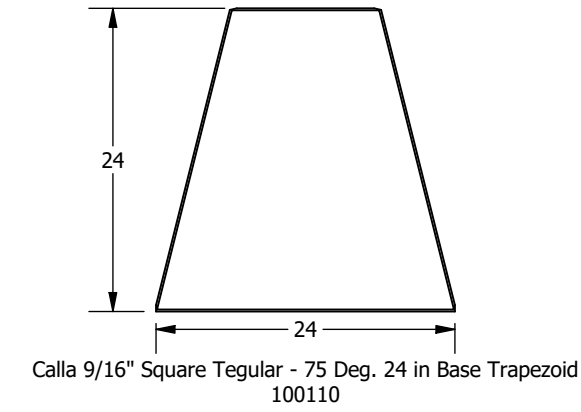
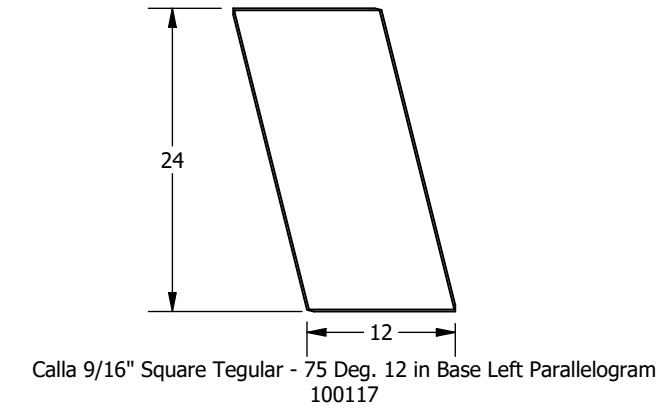
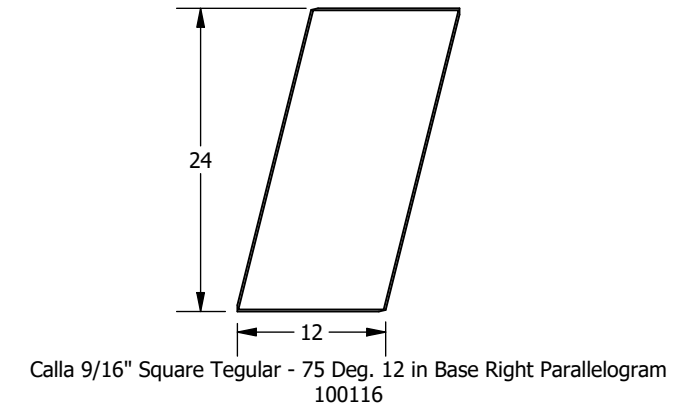
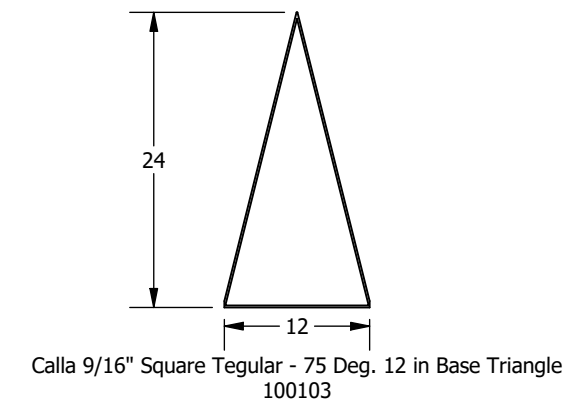
Optima 9/16" Square Tegular - 45 Deg. 48 in Base Left Parallelogram  
100214



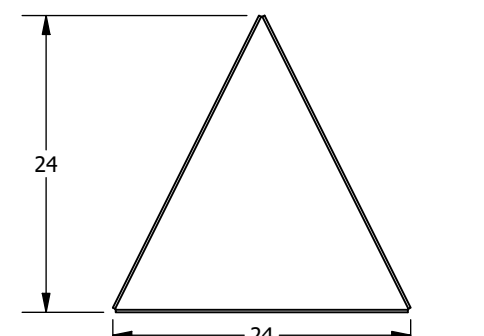
Optima 9/16" Square Tegular - 45 Deg. 96 in Base Trapezoid  
100209

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

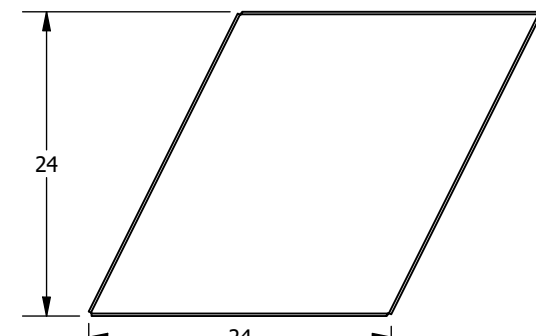




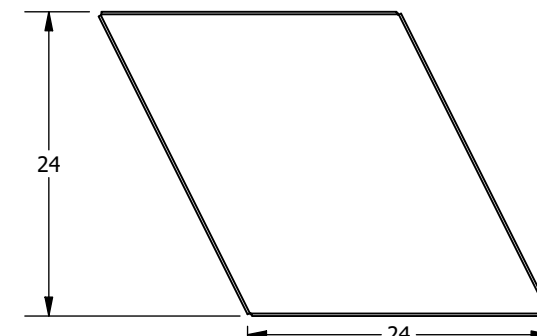
NOTES:  
1. Views are from the face of the panel, and descriptions are based on these views  
2. Dimensions are nominal and reflect grid spacings  
3. Scale 1:15



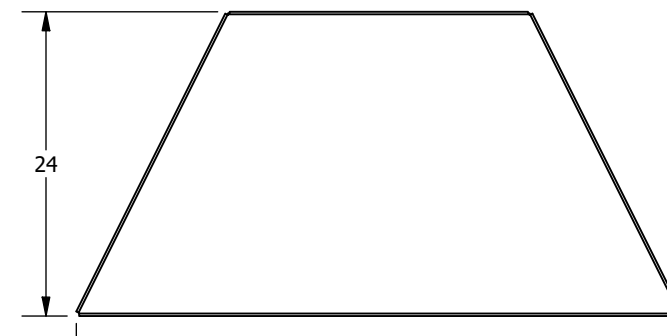
MetalWorks Tegular Triangle 60 Deg. 24 in Base  
8290-M1



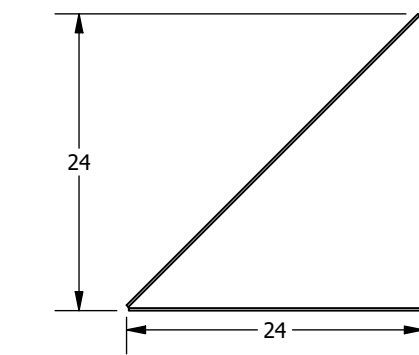
MetalWorks Tegular Parallelogram - Right 60 Deg. 24 in Base  
8292-M1



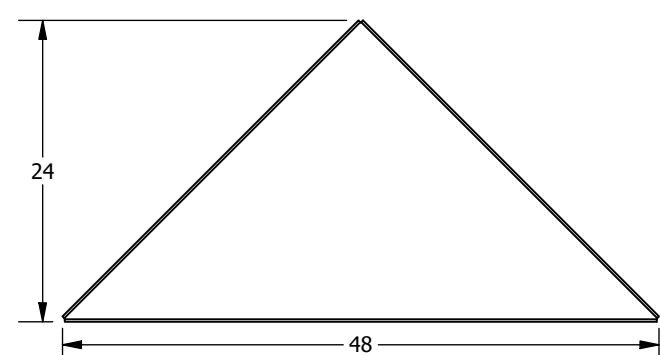
MetalWorks Tegular Parallelogram - Left 60 Deg. 24 in Base  
8293-M1



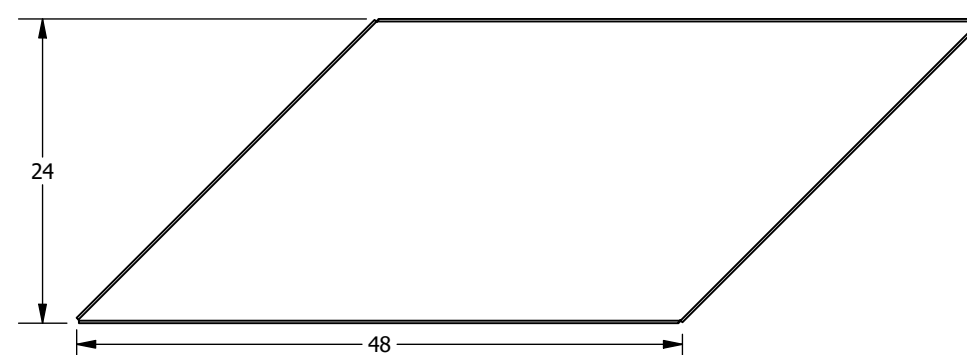
MetalWorks Tegular Trapezoid 60 Deg. 48 in Base  
8296-M1



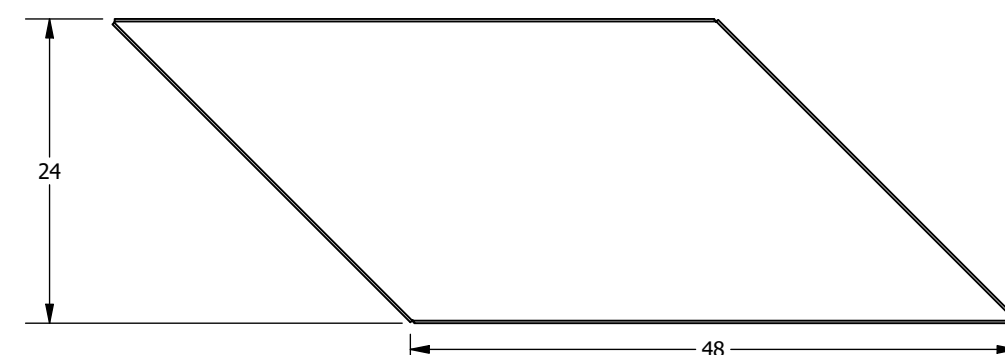
MetalWorks Tegular Rt. Triangle 45 Deg. 24 in Base  
8285-M1



MetalWorks Tegular Triangle 45 Deg. 48 in Base  
8284-M1

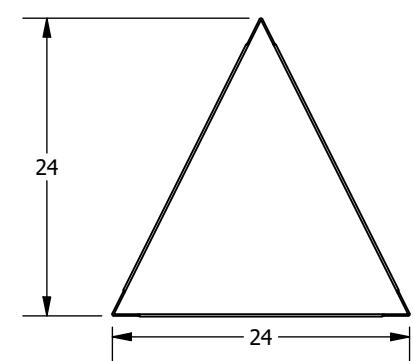


MetalWorks Tegular Parallelogram - Right 45 Deg. 48 in Base  
8287-M1

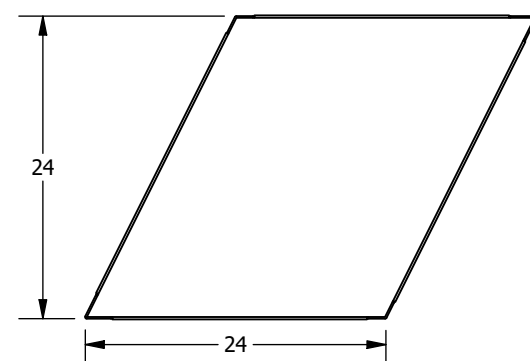


MetalWorks Tegular Parallelogram - Left 45 Deg. 48 in Base  
8288-M1

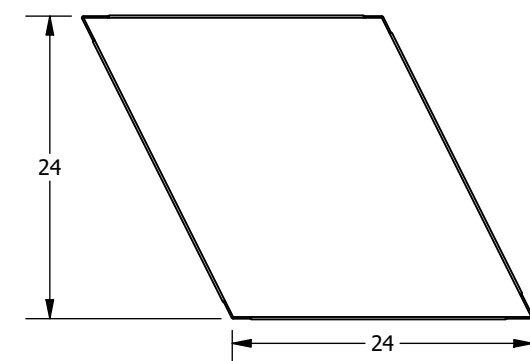
NOTES:  
1. Views are from the face of the panel, and descriptions are based on these views  
2. Dimensions are nominal and reflect grid spacings  
3. Scale 1:15



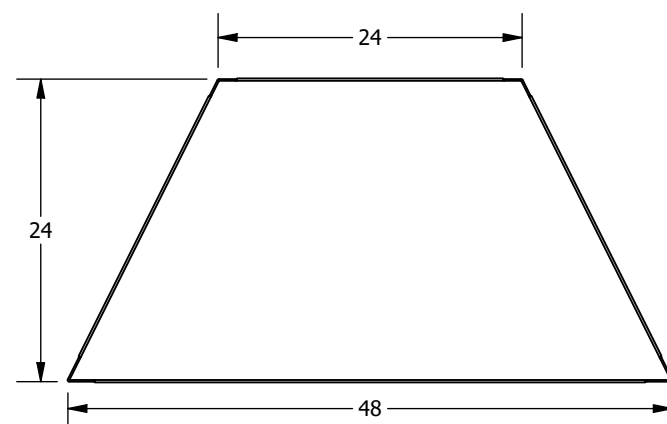
WoodWorks Tegular - 60 Deg. 24 in. Base Triangle  
8277-W1



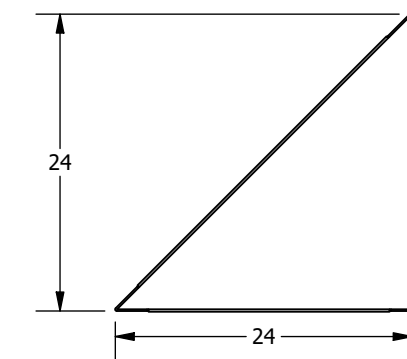
WoodWorks Tegular - 60 Deg. 24 in. Base Right Parallelogram  
8279-W1



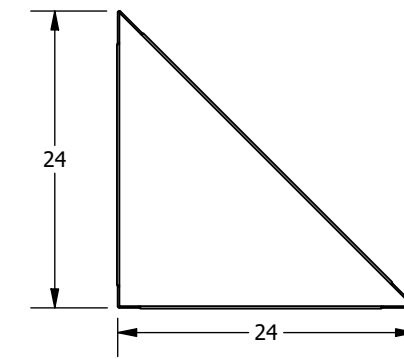
WoodWorks Tegular - 60 Deg. 24 in. Base Left Parallelogram  
8280-W1



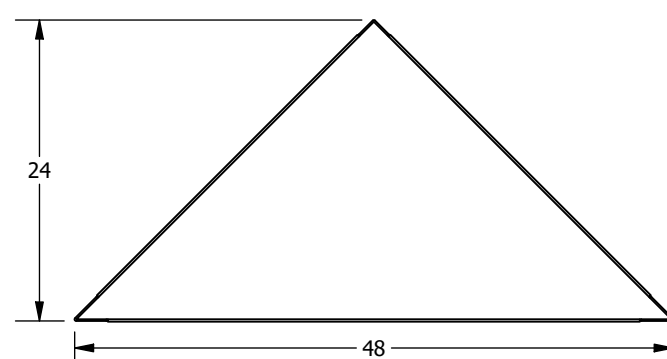
WoodWorks Tegular - 60 Deg. 48 in. Base Trapezoid  
8281-W1



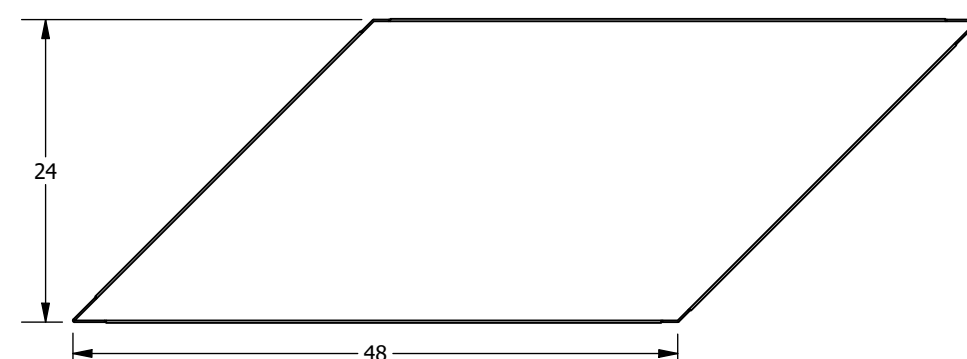
WoodWorks Tegular - 45 Deg. 24 in. Base Right Rt. Triangle  
8272-W1



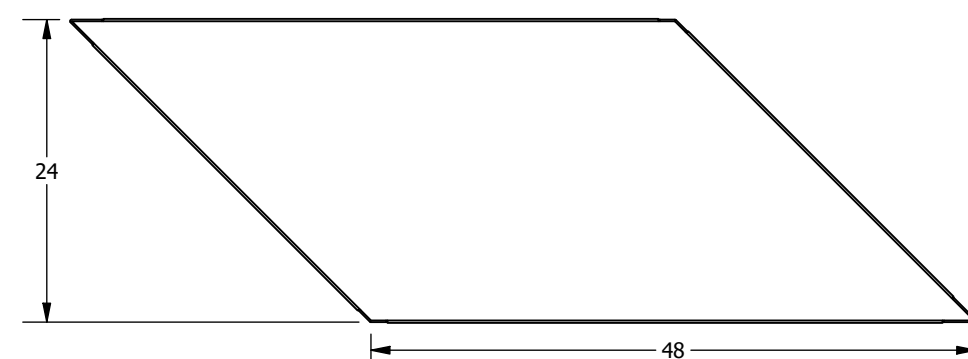
WoodWorks Tegular - 45 Deg. 24 in. Base Left Rt. Triangle  
8282-W1



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