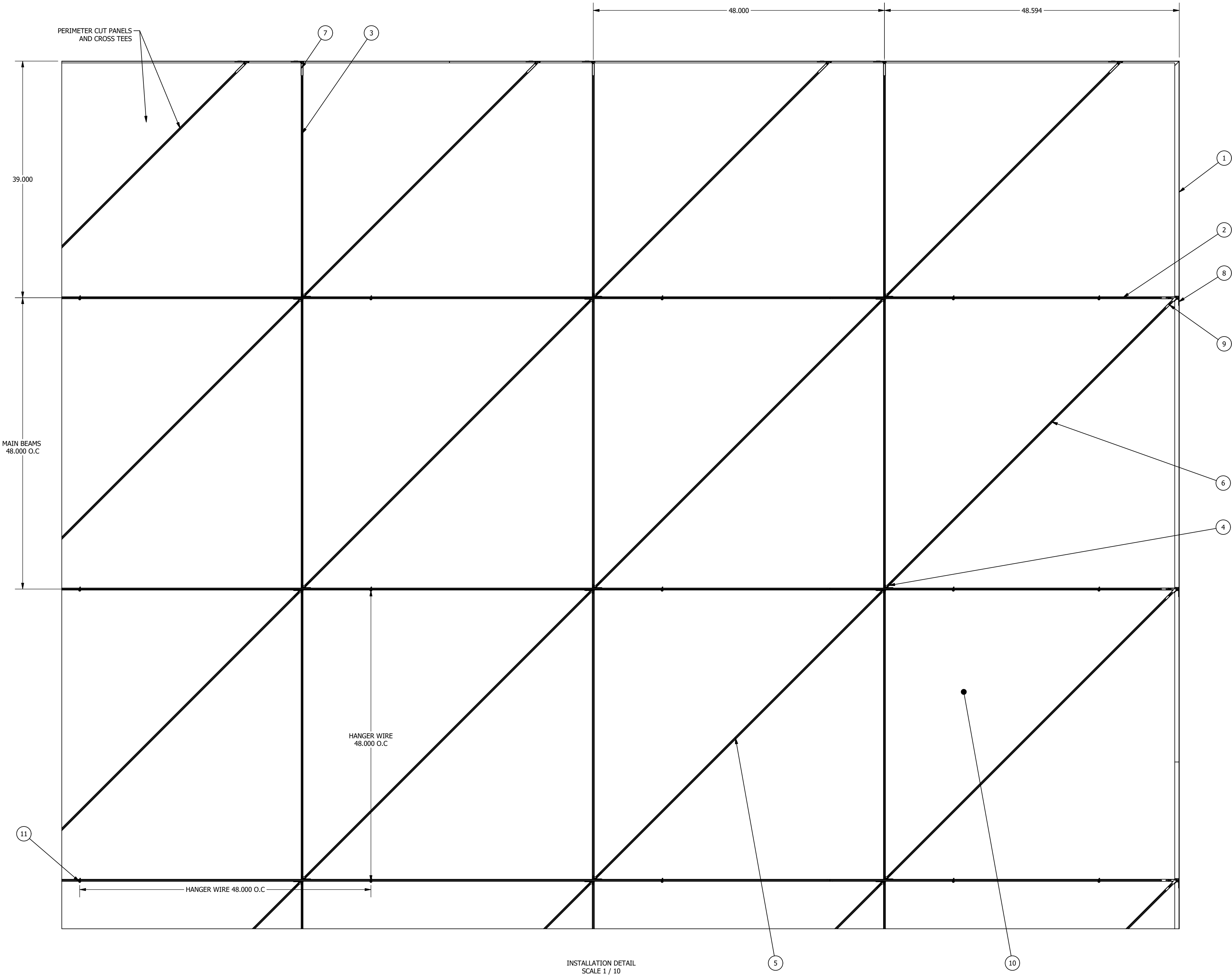


NOTES:
THE EXAMPLE LAYOUT AND CORRESPONDING BOM SHOWN ARE MEANT TO BE USED AS REFERENCE POINTS WHEN SPECIFYING A DESIGNFLEX SYSTEM.
IF YOU PLAN TO USE THE EXACT LAYOUT SHOWN, OR ANY VARIATION THEREOF, CONSIDER THE FOLLOWING NOTES:

- 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-0017-1 BILL OF MATERIALS			
ITEM	QTY	STOCK NUMBER	DESCRIPTION
1	16	7800	Angle Molding
2	36	7500/7501	12' ID/HD Suprafine Main Beam
3	90	XL7540	4' Suprafine Cross Tee
4	162	75CB45	Suprafine 45 Deg. Corner Bracket
5	82	XM754548	Suprafine 45 Deg. Cross Tee - 48in MBS
6	18	XM7548	Suprafine Perimeter Cross Tee - 48in MBS
7	38	BERC2	2" Beam End Retaining Clip
8	18	XTAC	Cross Tee Adapter Clip
9	36	PAC	Perimeter Angle Clip
10	200	100009	Lyra 9/16" Square Tegular - 45 Deg. 48 in Base Rt. Triangle
11	99	7891	12 Gauge Hanger Wire (Qty. = number of min. hanging point locations)

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

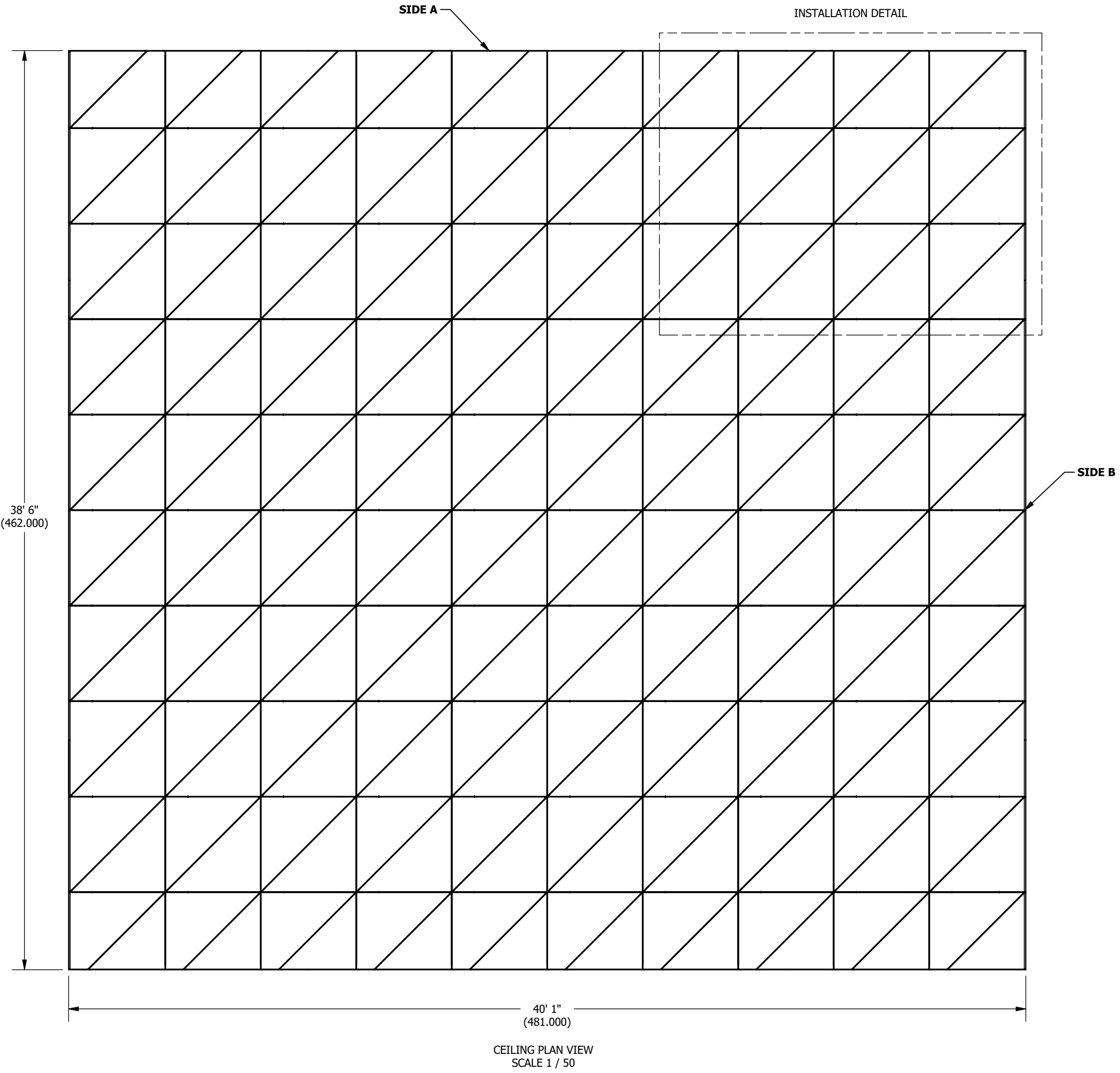
PANEL PRODUCT FAMILIES COMPATIBLE WITH THIS LAYOUT:
LYRA, OPTIMA, AND CALLA

SUSPENSION SYSTEMS COMPATIBLE WITH THIS LAYOUT:
SUPRAFINE ID/HD

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

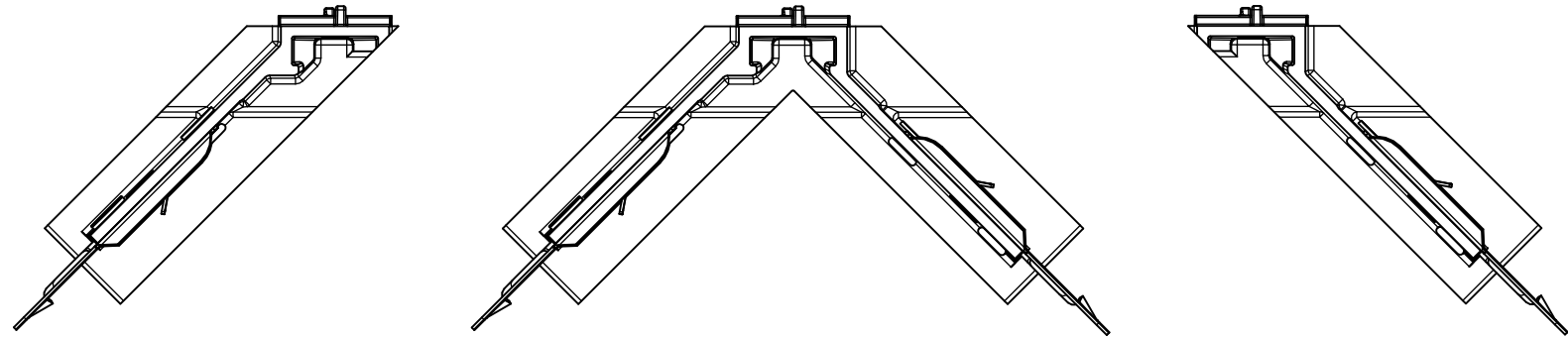
SIDE B - REPRESENTS A BORDER CONDITION UTILIZING A SINGLE GRID MEMBER CONNECTION OR MULTIPLE GRID MEMBER CONNECTIONS TO THE PERIMETER

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



DESIGNFLEX SH-0017-1

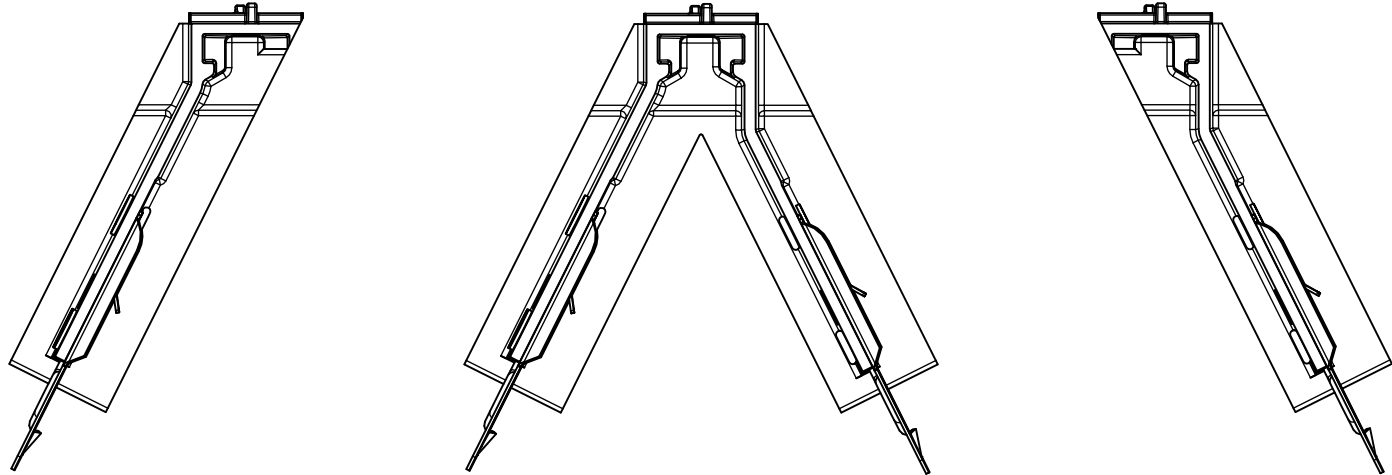
DRAWN BY: NUF DATE: 8/6/2020 PD



BP75AB45L Suprafine
45° Left Angle Bracket

BP75AB45D Suprafine
45° Double Angle Bracket

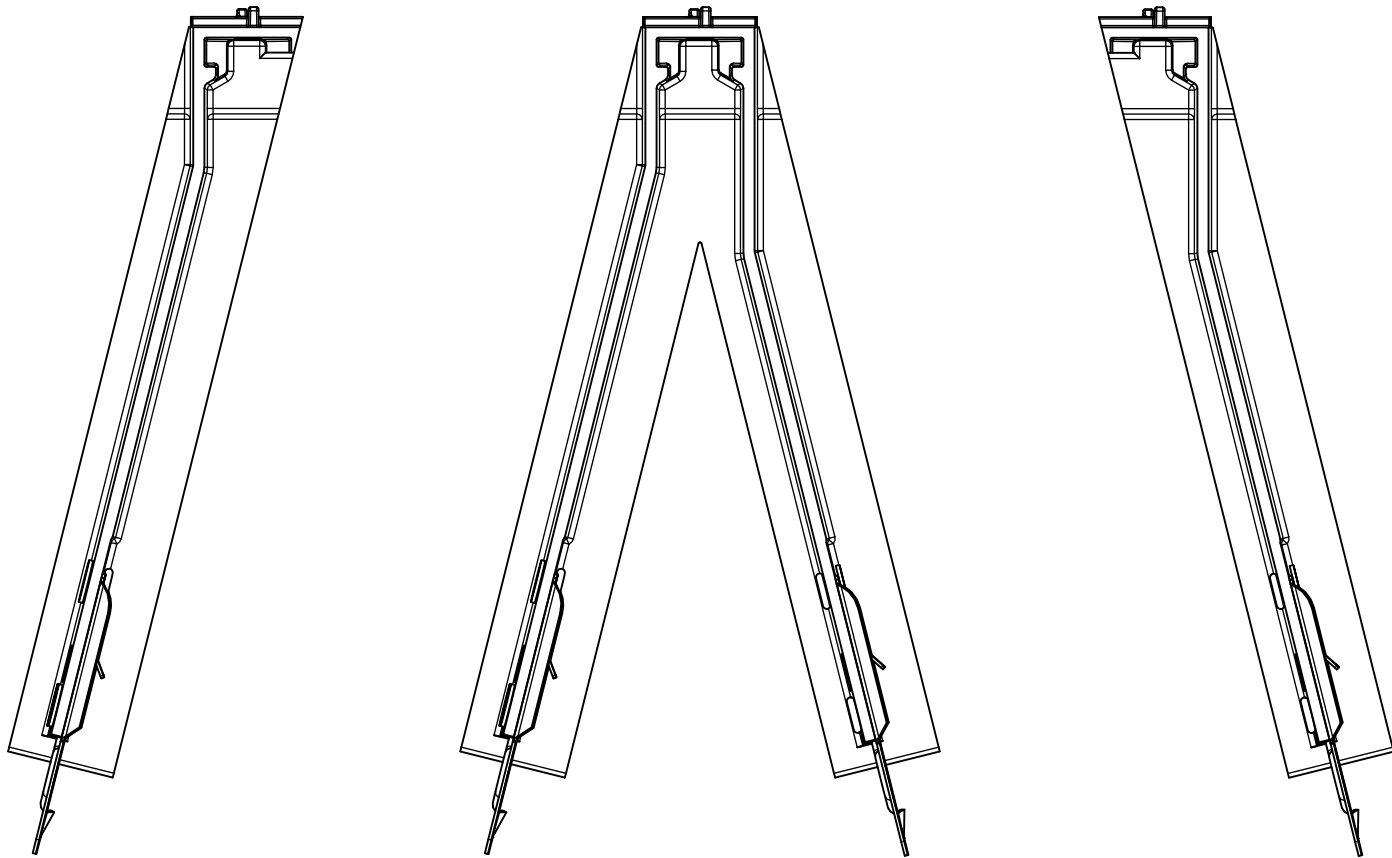
BP75AB45R Suprafine
45° Right Angle Bracket



BP75AB60L Suprafine
60° Left Angle Bracket

BP75AB60D Suprafine
60° Double Angle Bracket

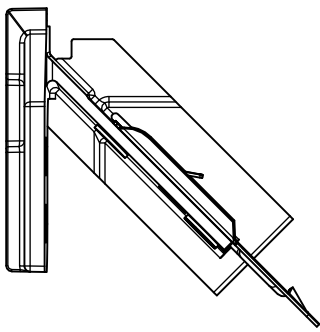
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60° Right Angle Bracket



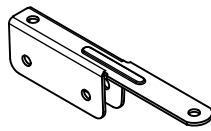
BP75AB75L Suprafine
75° Left Angle Bracket

BP75AB75D Suprafine
75° Double Angle Bracket

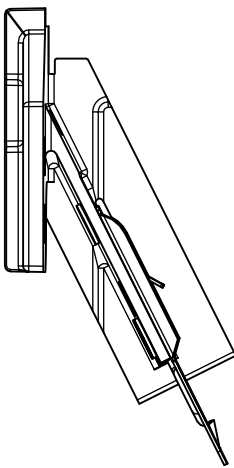
BP75AB75R Suprafine
75° Right Angle Bracket



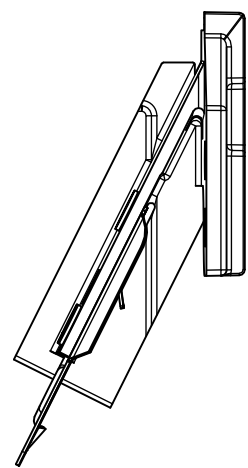
BP75CB45 Suprafine
45° Corner Bracket



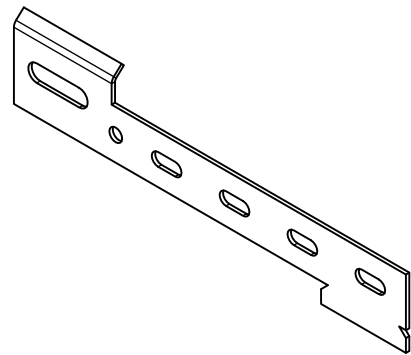
BPPAC
Perimeter Angle Clip
SCALE 1 / 2



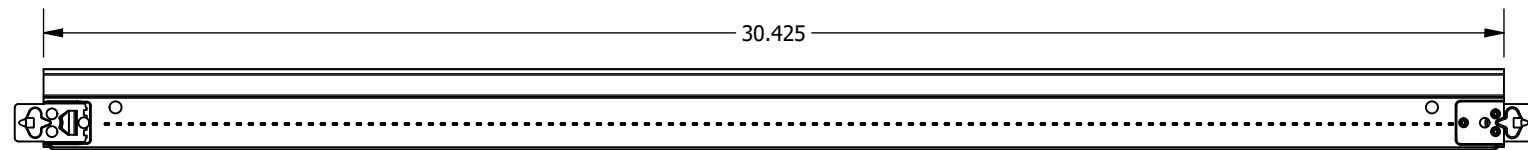
BP75CB60L Suprafine
60° Left Corner Bracket



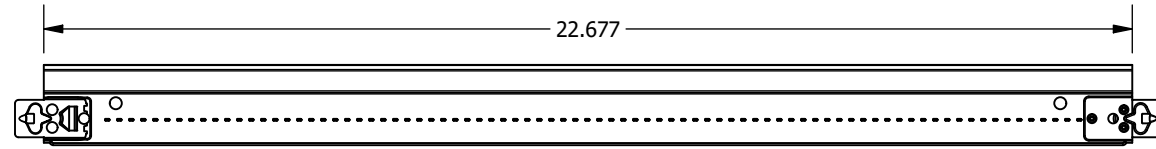
BP75CB60R Suprafine
60° Right Corner Bracket



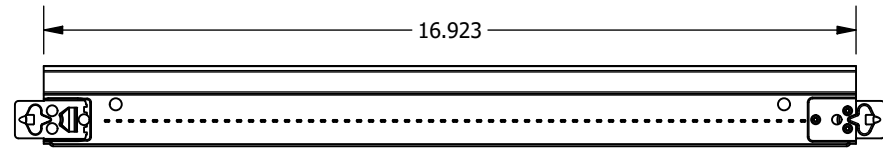
BPPCC
Axiom Perimeter Corner Clip
SCALE 1 / 2



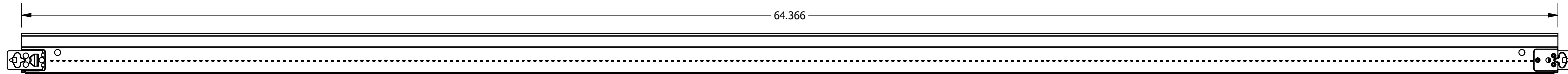
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45° Cross Tee - 24\"/>



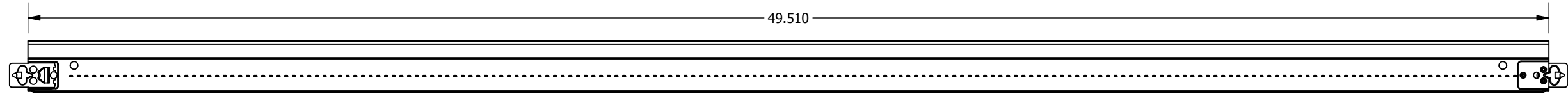
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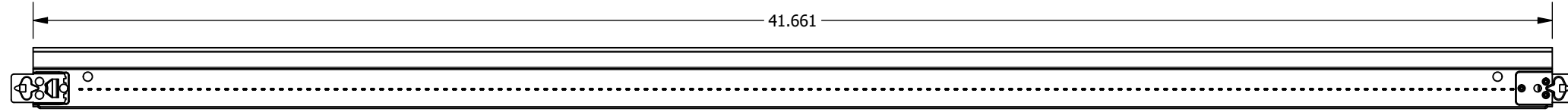
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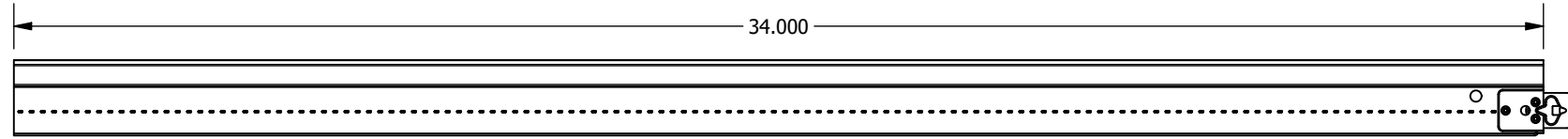
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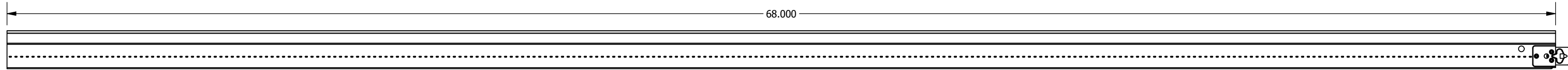
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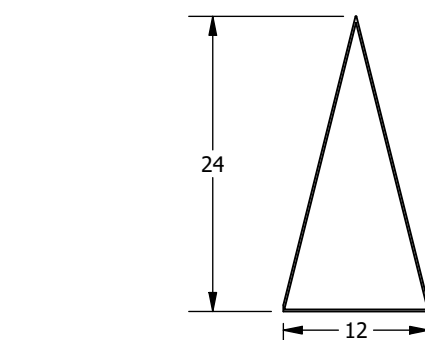
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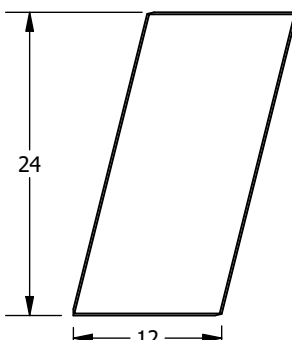
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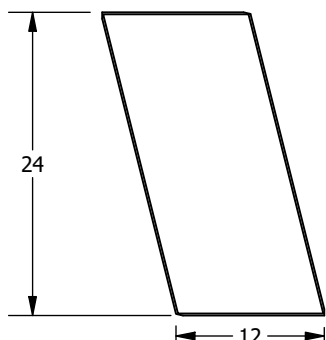
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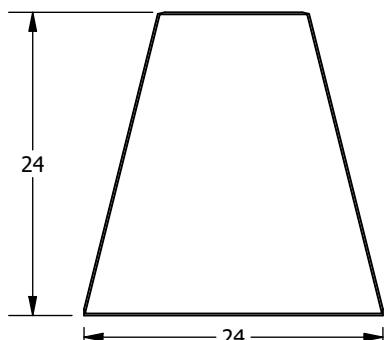
Lyra 9/16" Square Tegular - 75 Deg. 12 in Base Triangle
100004



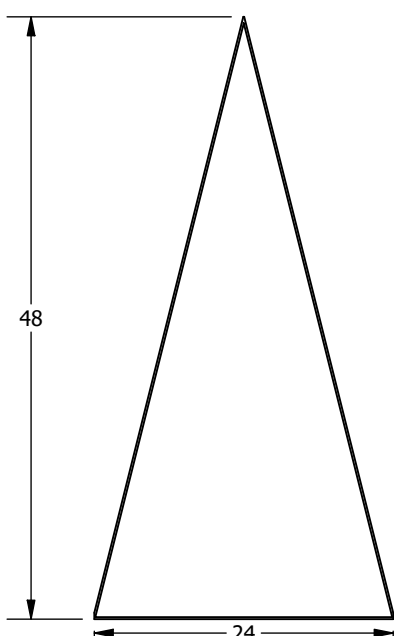
Lyra 9/16" Square Tegular - 75 Deg. 12 in Base Right Parallelogram
100020



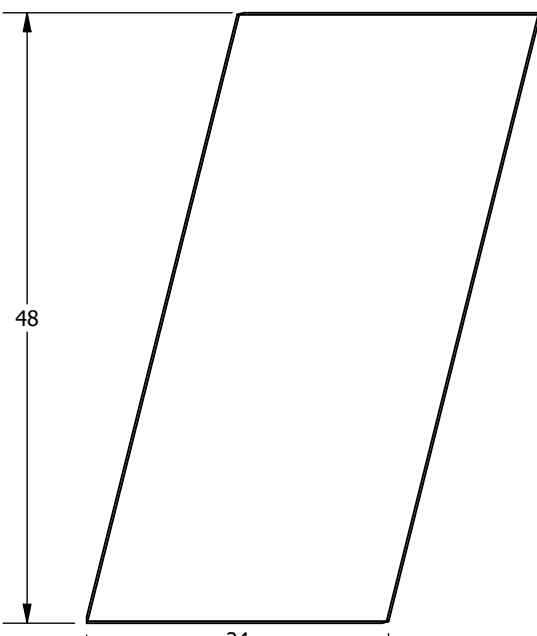
Lyra 9/16" Square Tegular - 75 Deg. 12 in Base Left Parallelogram
100021



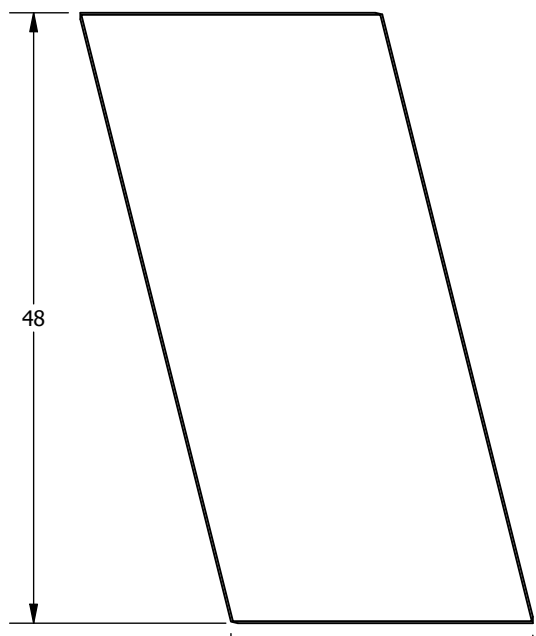
Lyra 9/16" Square Tegular - 75 Deg. 24 in Base Trapezoid
100012



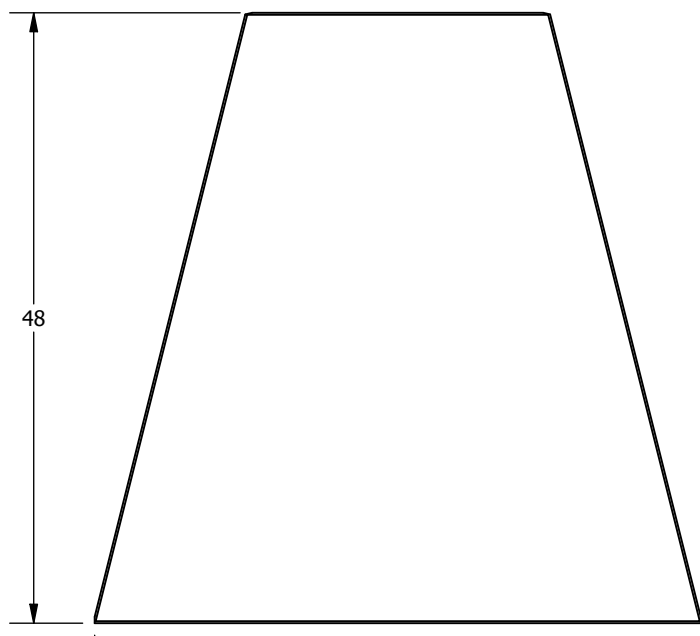
Lyra 9/16" Square Tegular - 75 Deg. 24 in Base Triangle
100005



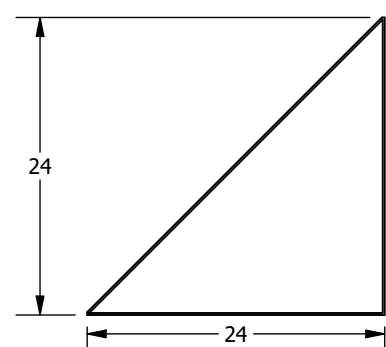
Lyra 9/16" Square Tegular - 75 Deg. 24 in Base Right Parallelogram
100022



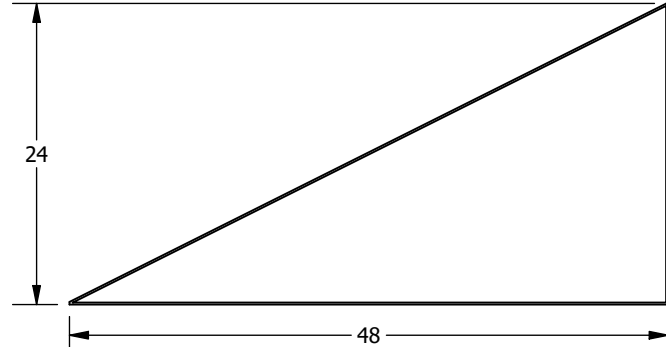
Lyra 9/16" Square Tegular - 75 Deg. 24 in Base Left Parallelogram
100023



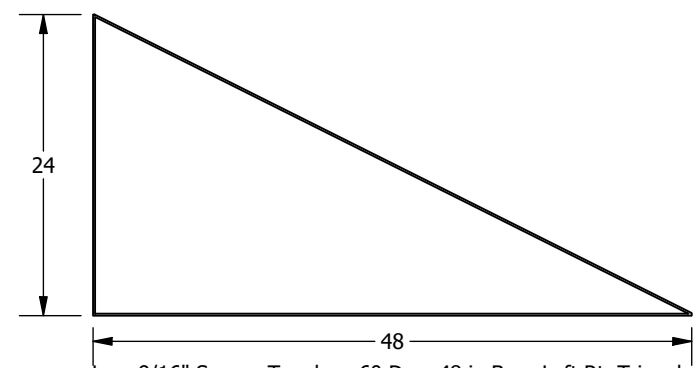
Lyra 9/16" Square Tegular - 75 Deg. 48 in Base Trapezoid
100013



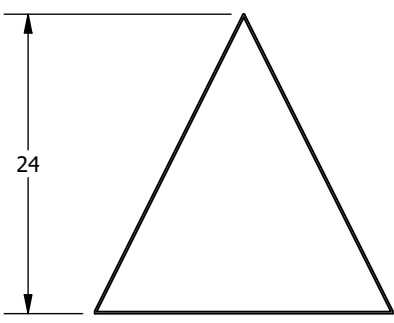
Lyra 9/16" Square Tegular - 45 Deg. 24 in Base Rt. Triangle
100008



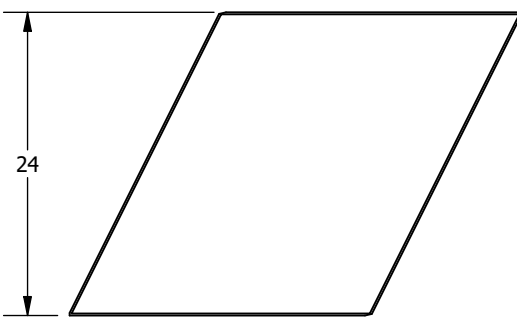
Lyra 9/16" Square Tegular - 60 Deg. 48 in Base Right Rt. Triangle
100007



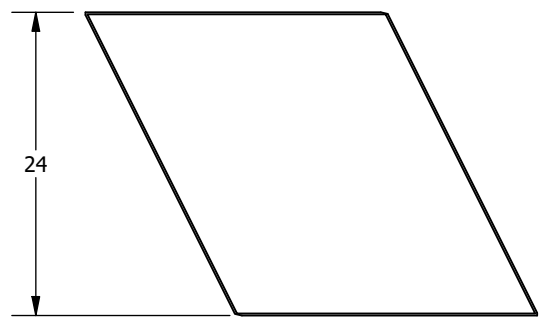
Lyra 9/16" Square Tegular - 60 Deg. 48 in Base Left Rt. Triangle
100006



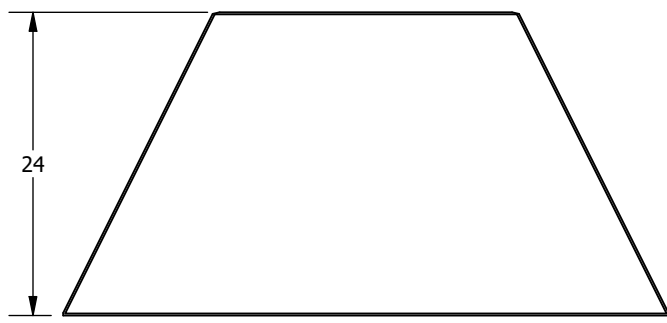
Lyra 9/16" Square Tegular - 60 Deg. 24 in Base Triangle
100002



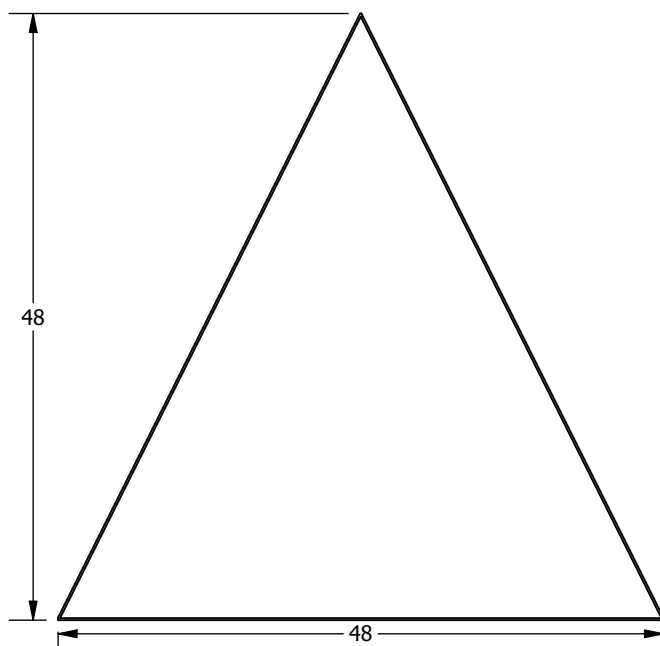
Lyra 9/16" Square Tegular - 60 Deg. 24 in Base Right Parallelogram
100016



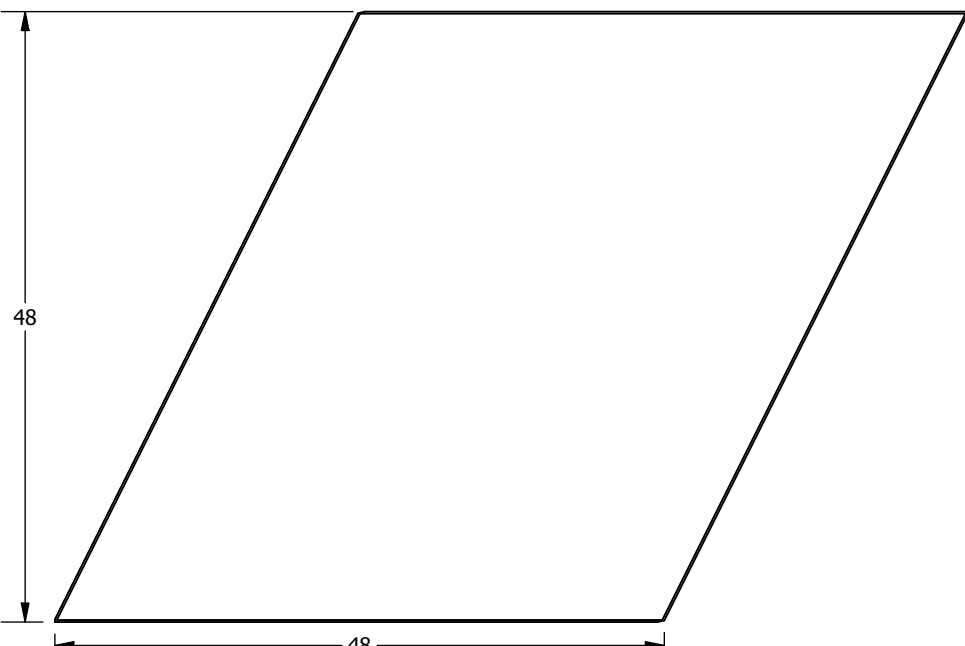
Lyra 9/16" Square Tegular - 60 Deg. 24 in Base Left Parallelogram
100017



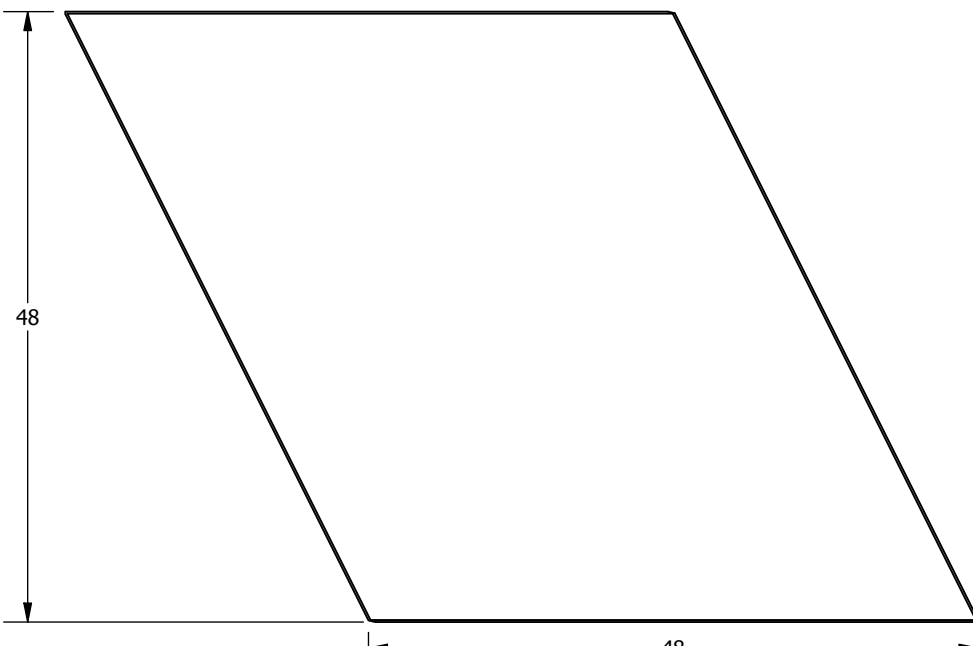
Lyra 9/16" Square Tegular - 60 Deg. 48 in Base Trapezoid
100011



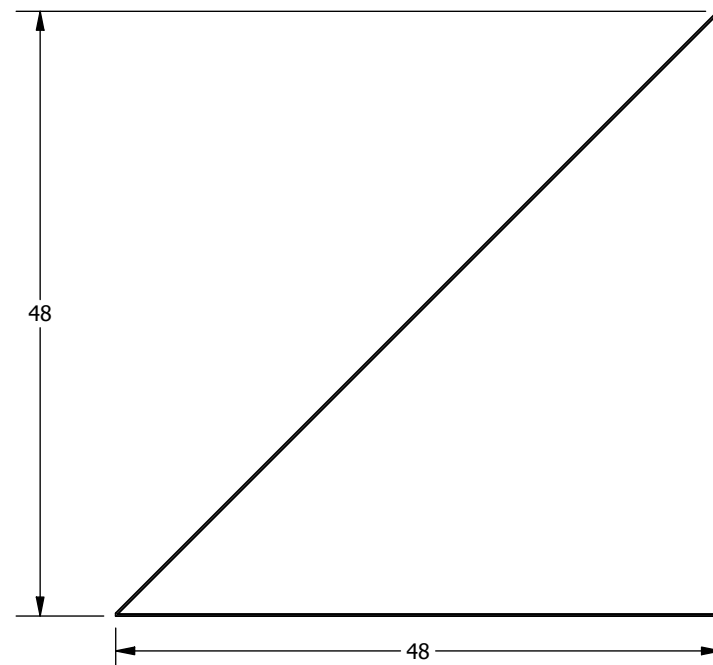
Lyra 9/16" Square Tegular - 60 Deg. 48 in Base Triangle
100003



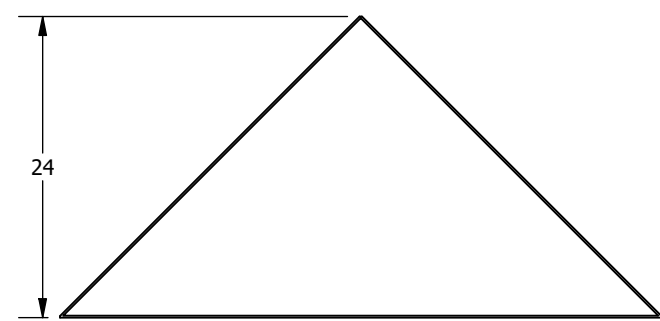
Lyra 9/16" Square Tegular - 60 Deg. 48 in Base Right Parallelogram
100018



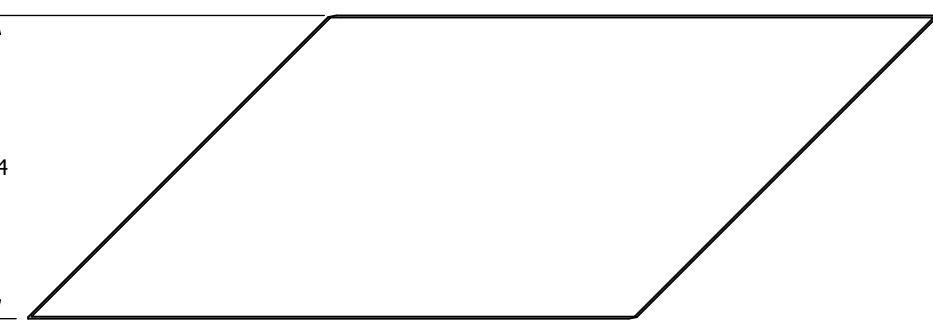
Lyra 9/16" Square Tegular - 60 Deg. 48 in Base Left Parallelogram
100019



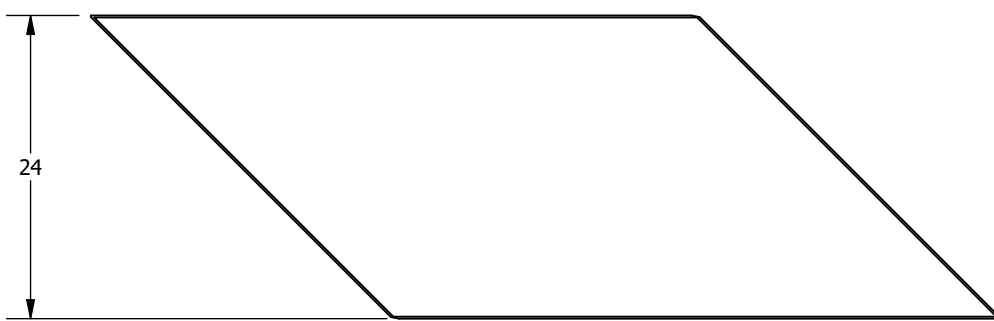
Lyra 9/16" Square Tegular - 45 Deg. 48 in Base Rt. Triangle
100009



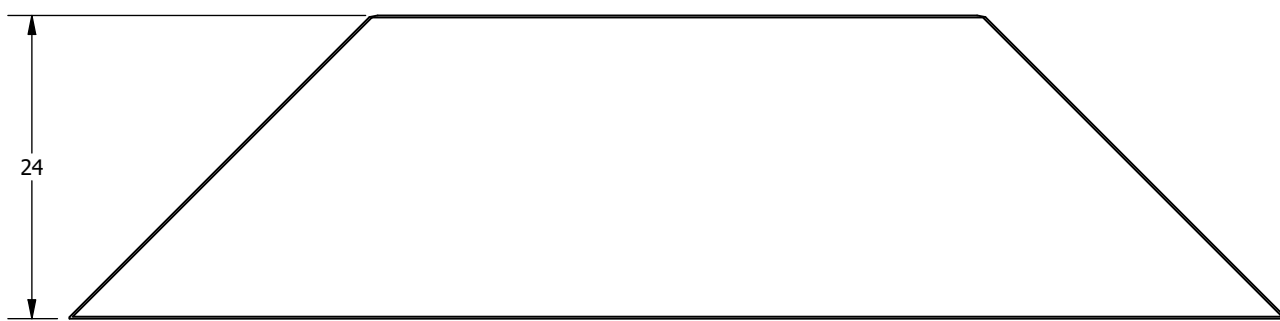
Lyra 9/16" Square Tegular - 45 Deg. 48 in Base Triangle
100001



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



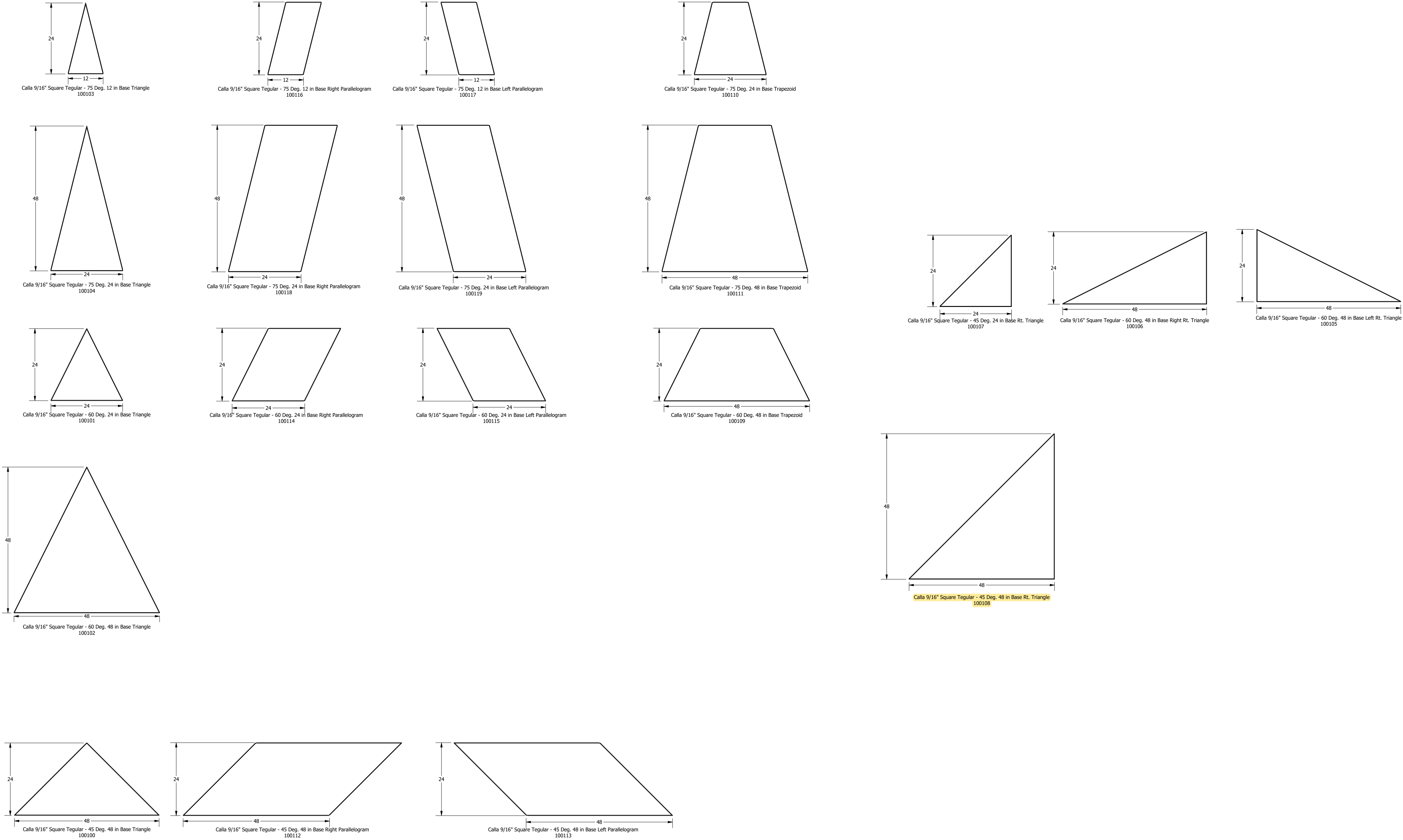
DesignFlex - Panels Lyra Shapes

DRAWN BY: KAP

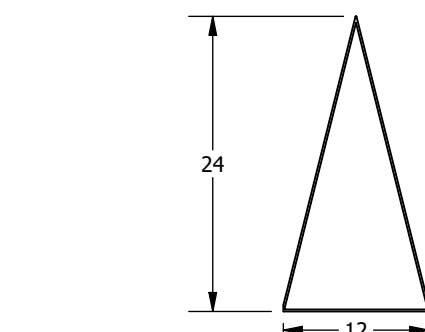
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PD

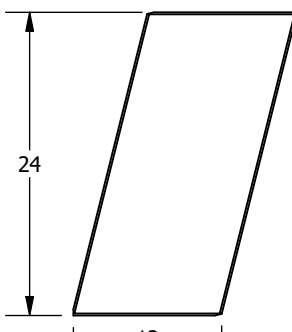
These drawings show typical conditions which the Armstrong products depicted are installed. They are not a substitute for an architect's or engineer's plan and do not reflect the unique requirements of local building codes, laws, statutes, ordinances, rules and regulations (Legal Requirements) that may be applicable for a particular installation. Armstrong does not warrant, and assumes no liability for the accuracy or completeness of the drawings for a particular installation or their fitness for a particular purpose. The user is advised to consult with a duly licensed architect or engineer in the particular locale of the installation to assure compliance with all legal requirements. Armstrong is not licensed to provide professional architecture or engineering design services.



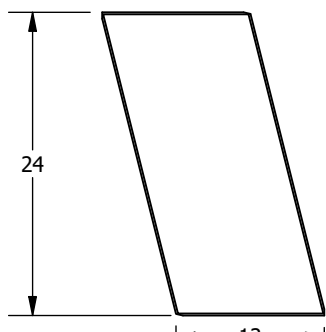
NOTES:
1. Views are from the face of the panel, and descriptions are based on these views
2. Dimensions are nominal and reflect grid spacings
3. Scale 1:15



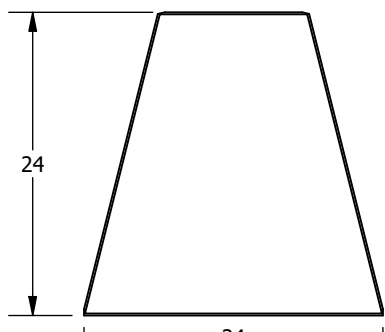
Optima 9/16" Square Tegular - 75 Deg. 12 in Base Triangle
100203



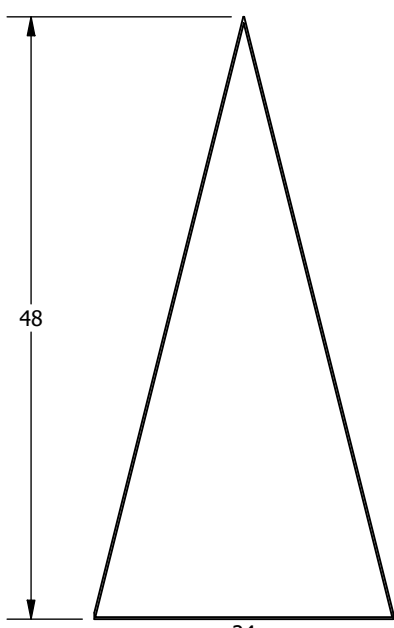
Optima 9/16" Square Tegular - 75 Deg. 12 in Base Right Parallelogram
100219



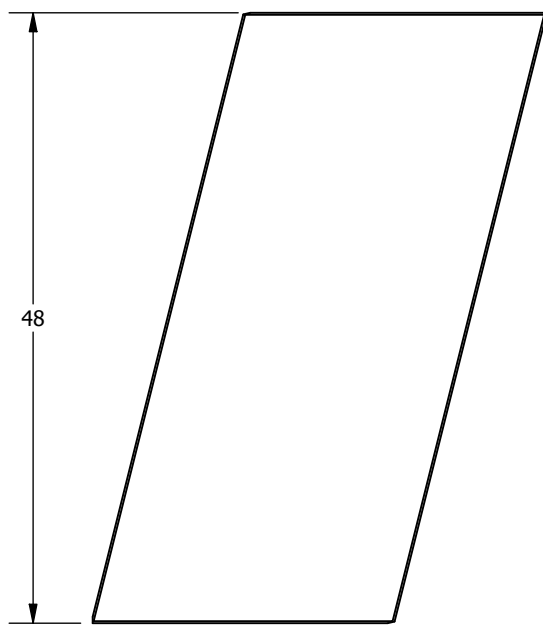
Optima 9/16" Square Tegular - 75 Deg. 12 in Base Left Parallelogram
100220



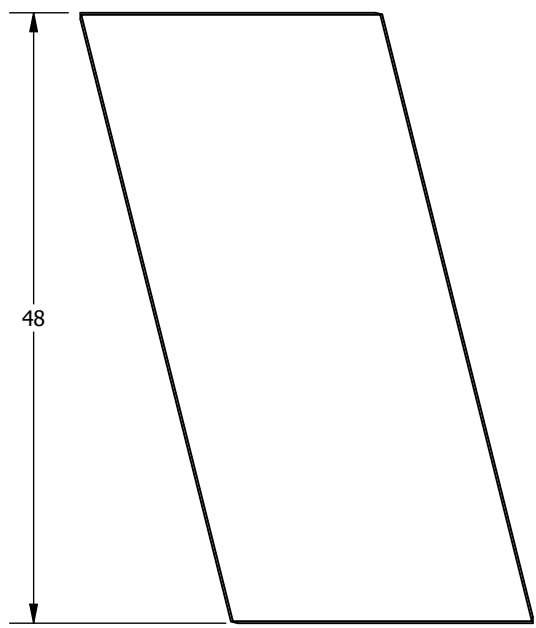
Optima 9/16" Square Tegular - 75 Deg. 24 in Base Trapezoid
100211



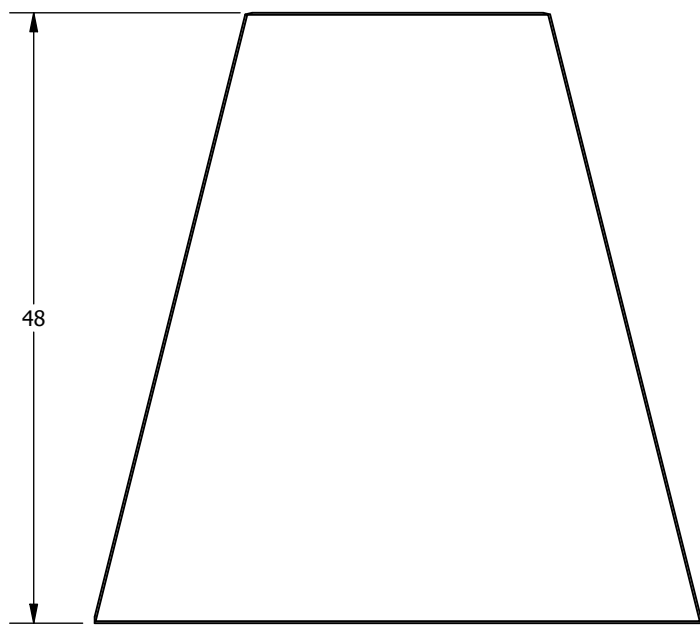
Optima 9/16" Square Tegular - 75 Deg. 24 in Base Triangle
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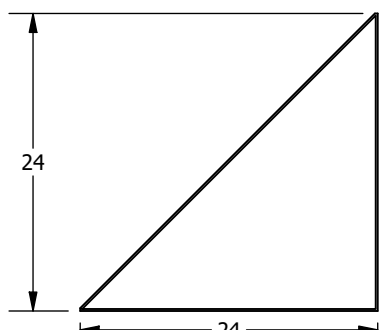
Optima 9/16" Square Tegular - 75 Deg. 24 in Base Right Parallelogram
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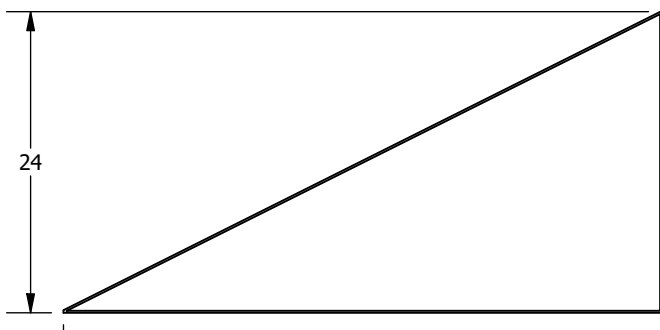
Optima 9/16" Square Tegular - 75 Deg. 24 in Base Left Parallelogram
100222



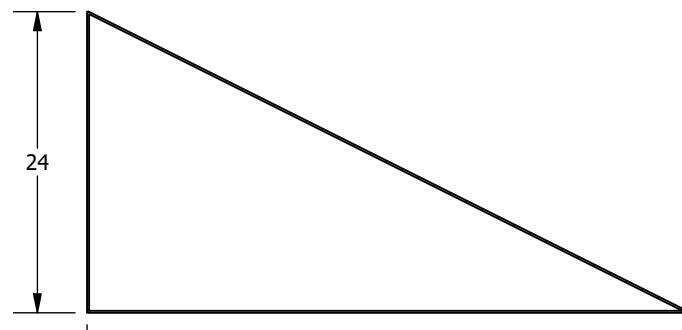
Optima 9/16" Square Tegular - 75 Deg. 48 in Base Trapezoid
100212



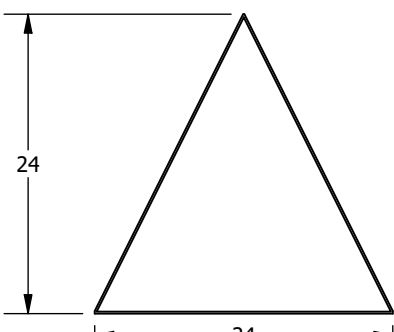
Optima 9/16" Square Tegular - 45 Deg. 24 in Base Rt. Triangle
100207



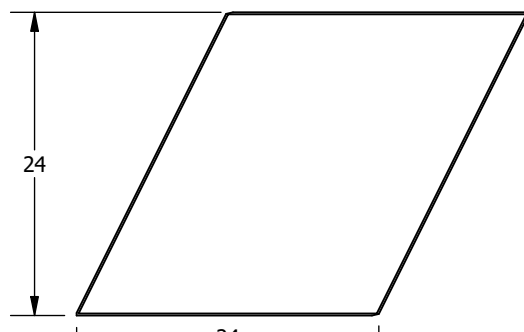
Optima 9/16" Square Tegular - 60 Deg. 48 in Base Right Rt. Triangle
100206



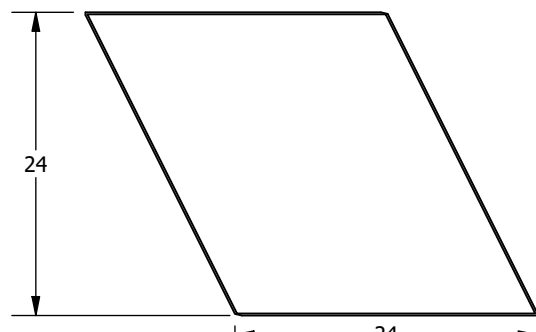
Optima 9/16" Square Tegular - 60 Deg. 48 in Base Left Rt. Triangle
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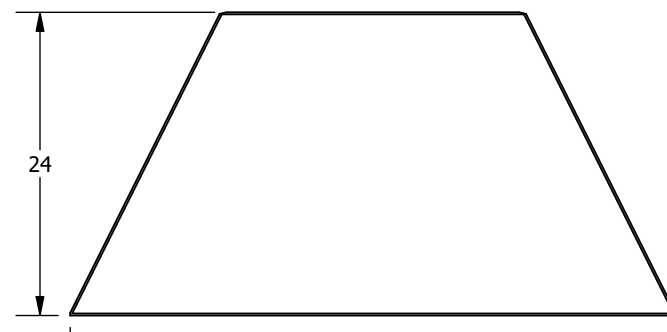
Optima 9/16" Square Tegular - 60 Deg. 24 in Base Triangle
100201



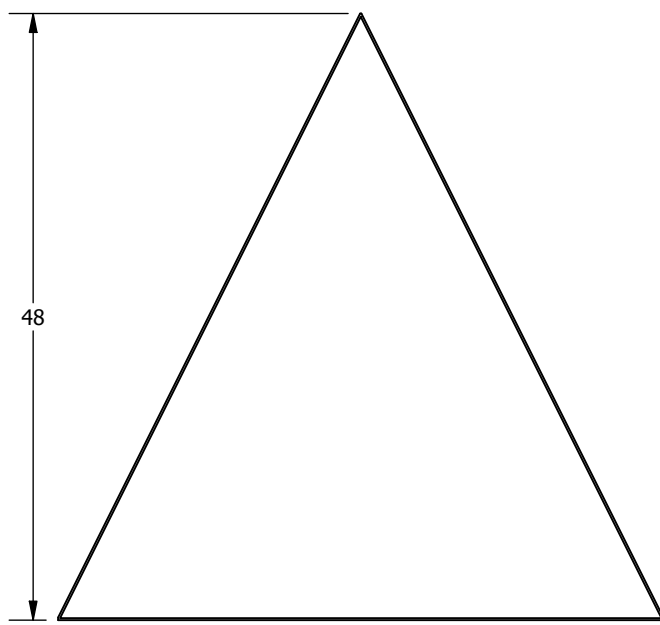
Optima 9/16" Square Tegular - 60 Deg. 24 in Base Right Parallelogram
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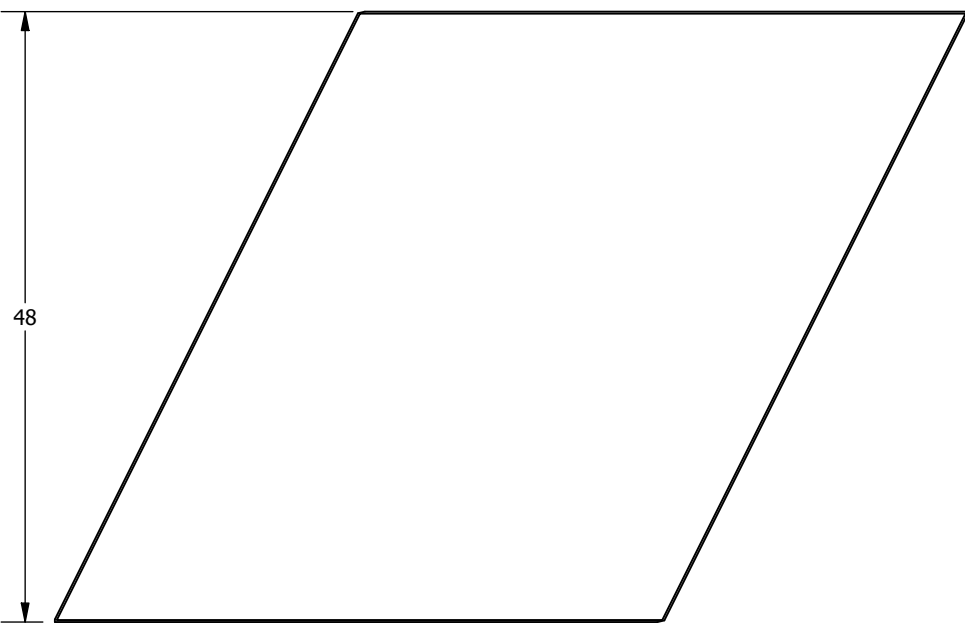
Optima 9/16" Square Tegular - 60 Deg. 24 in Base Left Parallelogram
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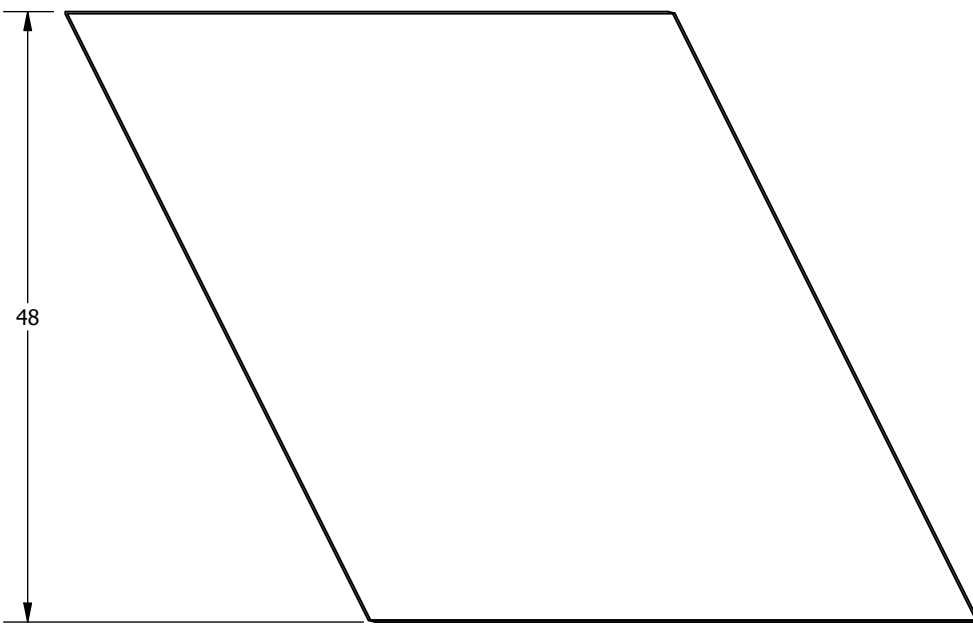
Optima 9/16" Square Tegular - 60 Deg. 48 in Base Trapezoid
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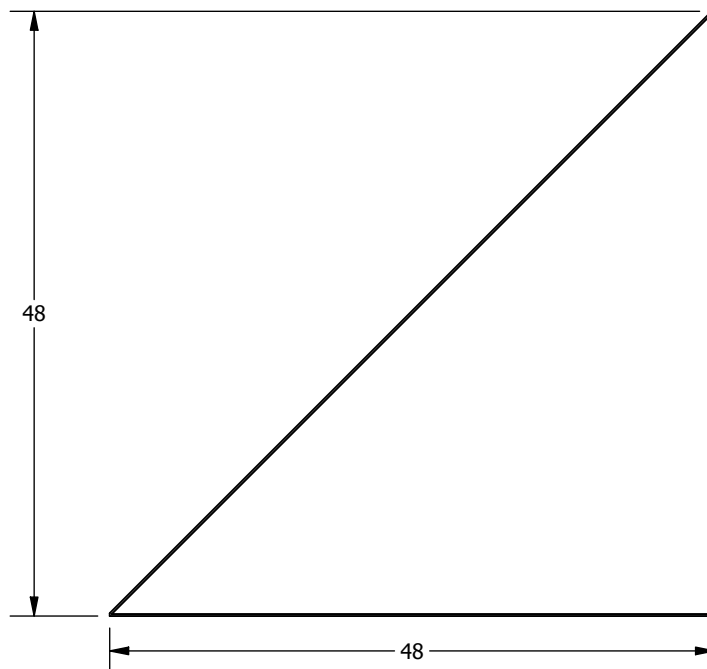
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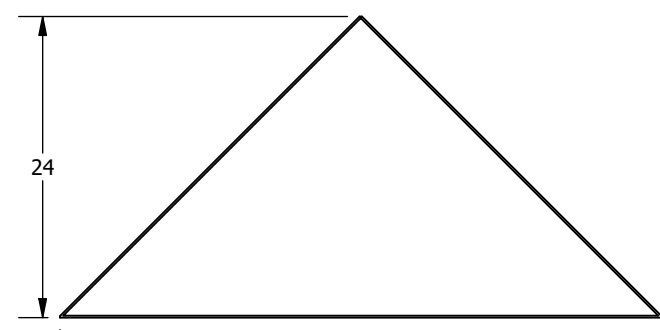
Optima 9/16" Square Tegular - 60 Deg. 48 in Base Right Parallelogram
100217



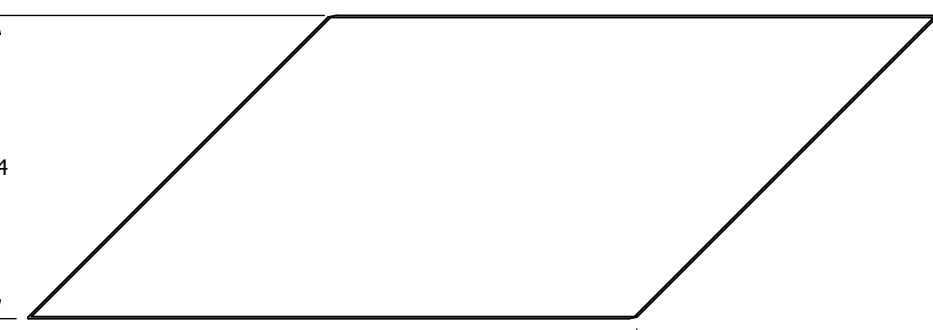
Optima 9/16" Square Tegular - 60 Deg. 48 in Base Left Parallelogram
100218



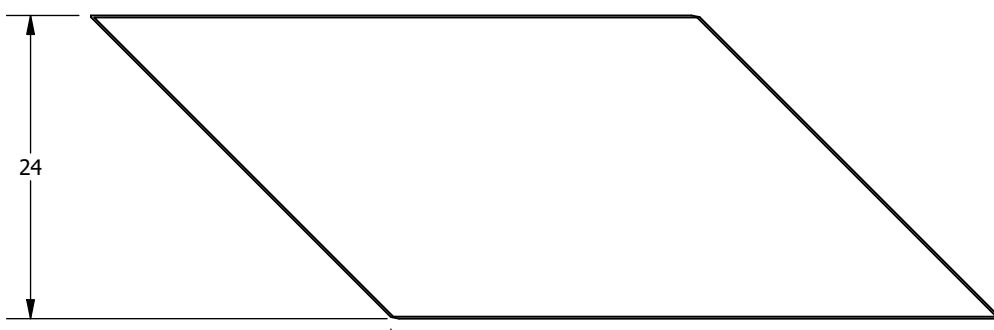
Optima 9/16" Square Tegular - 45 Deg. 48 in Base Rt. Triangle
100208



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



DesignFlex - Panels Optima Shapes

DRAWN BY: KAP DATE: 8/5/2020 PD

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