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.

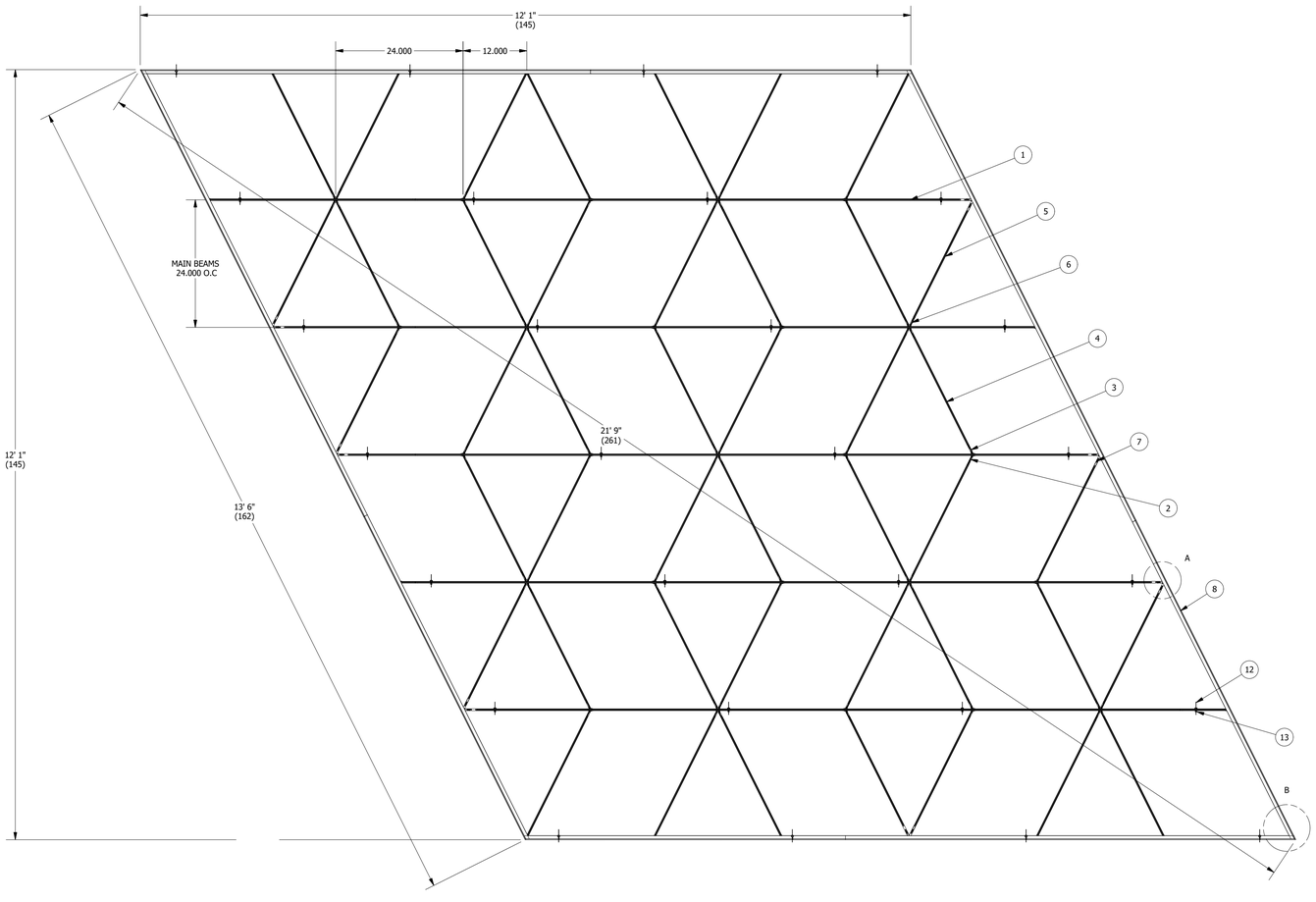
4) SCREWS, RIVETS, AND OTHER GENERAL FASTENERS THAT ARE NOT INCLUDED IN BOM OR IN DETAILS BELOW, NEED TO BE SUPPLIED BY OTHERS. REFER TO INSTALLATION INSTRUCTIONS FOR DETAILS ON REQUIRED FASTENERS.

5) HANGING LOCATIONS SHOWN BELOW ARE REQURED FOR EXACT LAYOUT AND SHOULD NOT BE MOVED.

6) CONDITIONS SHOWN ARE FOR NON-SEISMIC INSTALLATIONS (SEISMIC DESIGN CATEGORY A,B) - REFERENCE INSTALLATION INSTRUCTIONS FOR CONSIDERATIONS AND REQUIREMENTS FOR SEISMIC INSTALLATIONS.

7) BOM DOES NOT ACCOUNT FOR THE USE OF SCRAP OR EXCESS MATERIAL CUT FROM OTHER ITEMS.

8) 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.



CEILING PLAN VIEW
SCALE 1 / 14

DF1212S4SP38 - 4" AXIOM VECTOR - BILL OF MATERIALS			
ITEM	QTY	STOCK NUMBER	DESCRIPTION
1	10	7500/7501	12' ID/HD Suprafine Main Beam
2	16	75AB60L	Suprafine 60 Deg. Left Angle Bracket
3	16	75AB60R	Suprafine 60 Deg. Right Angle Bracket
4	24	XM756024	Suprafine 60 Deg. Cross Tee - 24in MBS
5	20	XM7524	Suprafine Perimeter Cross Tee - 24in MBS
6	18	75AB60D	Suprafine 60 Deg. Double Angle Bracket
7	14	PAC	Perimeter Agle Clip
8	8	AX4VESTR	Axiom Vector 4" Straight
9	16	AX4SPLICEB	Axiom Splice Plate
10	20	AXTBC	AXTBC
11	2	PCC	Perimeter Corner Clip
12	28	AC1210	Aircraft Cable
13	28	ACHC	Aircraft Cable Hardware

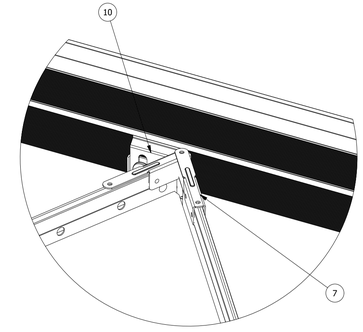
DF1212S6SP38 - 6" AXIOM VECTOR - BILL OF MATERIALS			
ITEM	QTY	STOCK NUMBER	DESCRIPTION
1	10	7500/7501	12' ID/HD Suprafine Main Beam
2	16	75AB60L	Suprafine 60 Deg. Left Angle Bracket
3	16	75AB60R	Suprafine 60 Deg. Right Angle Bracket
4	24	XM756024	Suprafine 60 Deg. Cross Tee - 24in MBS
5	20	XM7524	Suprafine Perimeter Cross Tee - 24in MBS
6	18	75AB60D	Suprafine 60 Deg. Double Angle Bracket
7	14	PAC	Perimeter Agle Clip
8	8	AX4VESTR	Axiom Vector 6" Straight
9	16	AX4SPLICEB	Axiom Splice Plate
10	20	AXTBC	AXTBC
11	2	PCC	Perimeter Corner Clip
12	28	AC1210	Aircraft Cable
13	28	ACHC	Aircraft Cable Hardware

LYRA PANELS - NOT INCLUDED			
ITEM	QTY	STOCK NUMBER	DESCRIPTION
14	28	100002	Lyra 9/16" Square Tegular - 60 Deg. 24 in Base Triangle
15	12	100016	Lyra 9/16" Square Tegular - 60 Deg. 24 in Base Right Parallelogram
16	10	100017	Lyra 9/16" Square Tegular - 60 Deg. 24 in Base Left Parallelogram

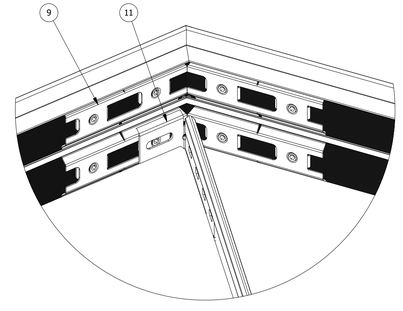
EXAMPLE LAYOUT AND BOM SHOWN WITH LYRA PANELS

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

REFERENCE DATA PAGE FOR PANEL CARTON QUANTITIES



DETAIL A
AXTBC & PAC
SCALE 1/2

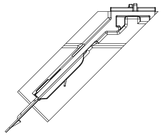


DETAIL B
AX4SPLICEB & PCC
SCALE 1/2

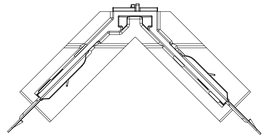
Armstrong CEILING & WALL SOLUTIONS

DESIGNFLEX FCSH-0038-3

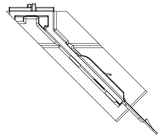
DRAWN BY: SDP | DATE: 6/17/2019 | PD



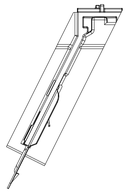
BP73AB45L Prelude
BP75AB45L Suprafine
45° Left Angle Bracket



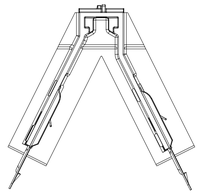
BP73AB45D Prelude
BP75AB45D Suprafine
45° Double Angle Bracket



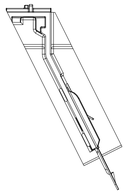
BP73AB45R Prelude
BP75AB45R Suprafine
45° Right Angle Bracket



BP73AB60L Prelude
BP75AB60L Suprafine
60° Left Angle Bracket

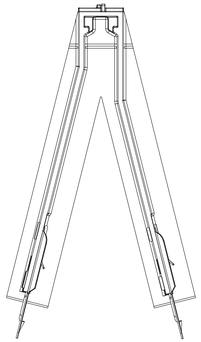


BP73AB60D Prelude
BP75AB60D Suprafine
60° Double Angle Bracket



BP73AB60R Prelude
BP75AB60R Suprafine
60° Right Angle Bracket

BP73AB75L Prelude
BP75AB75L Suprafine
75° Left Angle Bracket



BP73AB75D Prelude
BP75AB75D Suprafine
75° Double Angle Bracket

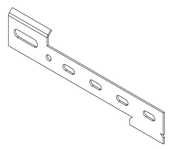
BP73AB75R Prelude
BP75AB75R Suprafine
75° Right Angle Bracket

BP73CB45 Prelude
BP75CB45 Suprafine
45° Corner Bracket

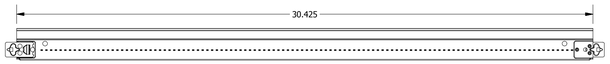
BPPAC
Perimeter Angle Clip
SCALE 1 / 2

BP73CB60L Prelude
BP75CB60L Suprafine
60° Left Corner Bracket

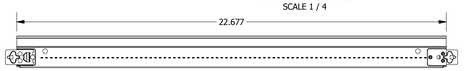
BP73CB60R Prelude
BP75CB60R Suprafine
60° Right Corner Bracket



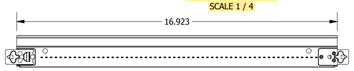
BPPCC
Axiom Perimeter Corner Clip
SCALE 1 / 2



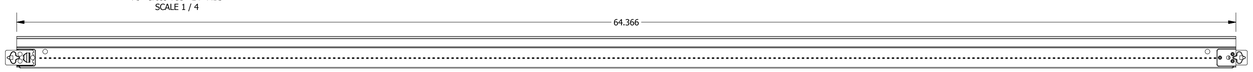
BPXM734524 Prelude
BPXM754524 Suprafine
45° Cross Tee - 24" MBS
SCALE 1 / 4



BPXM736024 Prelude
BPXM756024 Suprafine
60° Cross Tee - 24" MBS
SCALE 1 / 4

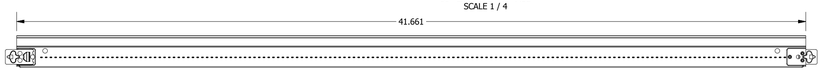


BPXM737524 Prelude
BPXM757524 Suprafine
75° Cross Tee - 24" MBS
SCALE 1 / 4

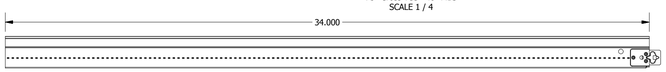


BPXM734548 Prelude
BPXM754548 Suprafine
45° Cross Tee - 48" MBS
SCALE 1 / 4

BPXM736048 Prelude
BPXM756048 Suprafine
60° Cross Tee - 48" MBS
SCALE 1 / 4



BPXM737548 Prelude
BPXM757548 Suprafine
75° Cross Tee - 48" MBS
SCALE 1 / 4



BPXM7324 Prelude
BPXM7524 Suprafine
Perimeter Cross Tee - 24" MBS
SCALE 1 / 4

BPXM7348 Prelude
BPXM7548 Suprafine
Perimeter Cross Tee - 48" MBS
SCALE 1 / 4

Armstrong CEILING & WALL SOLUTIONS

PROJECT: DesignFlex Shapes Components

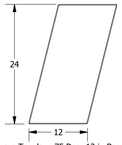
DRAWN BY: KAPlace

SCALE: -

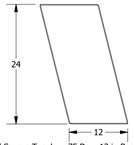
DATE: 10/2/2018

PD

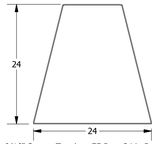
Calla 9/16" Square Tegular - 75 Deg. 12 in Base Triangle
100103



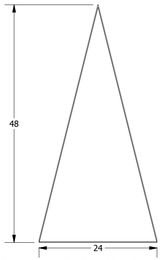
Calla 9/16" Square Tegular - 75 Deg. 12 in Base Right Parallelogram
100116



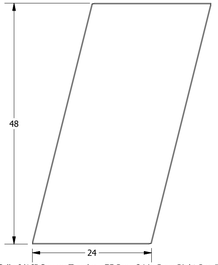
Calla 9/16" Square Tegular - 75 Deg. 12 in Base Left Parallelogram
100117



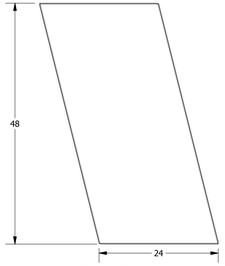
Calla 9/16" Square Tegular - 75 Deg. 24 in Base Trapezoid
100110



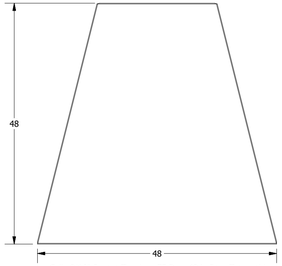
Calla 9/16" Square Tegular - 75 Deg. 24 in Base Triangle
100104



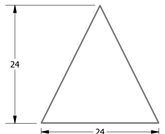
Calla 9/16" Square Tegular - 75 Deg. 24 in Base Right Parallelogram
100118



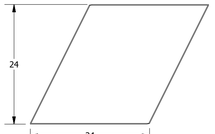
Calla 9/16" Square Tegular - 75 Deg. 24 in Base Left Parallelogram
100119



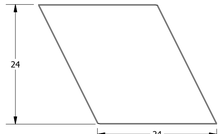
Calla 9/16" Square Tegular - 75 Deg. 48 in Base Trapezoid
100111



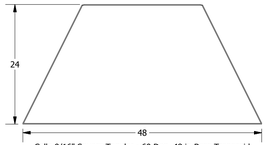
Calla 9/16" Square Tegular - 60 Deg. 24 in Base Triangle
100101



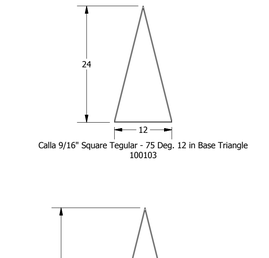
Calla 9/16" Square Tegular - 60 Deg. 24 in Base Right Parallelogram
100114



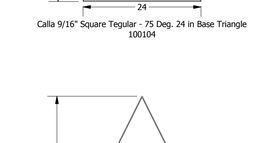
Calla 9/16" Square Tegular - 60 Deg. 24 in Base Left Parallelogram
100115



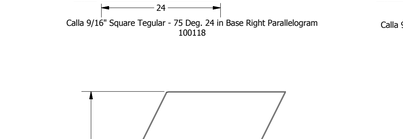
Calla 9/16" Square Tegular - 60 Deg. 48 in Base Trapezoid
100109



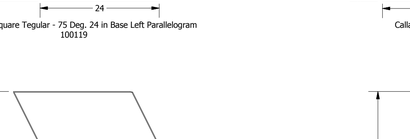
Calla 9/16" Square Tegular - 60 Deg. 48 in Base Triangle
100102



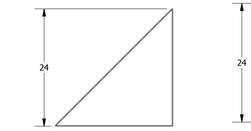
Calla 9/16" Square Tegular - 45 Deg. 48 in Base Triangle
100100



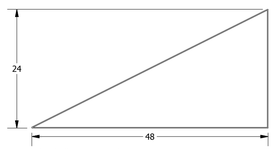
Calla 9/16" Square Tegular - 45 Deg. 48 in Base Right Parallelogram
100112



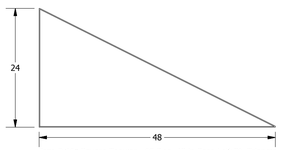
Calla 9/16" Square Tegular - 45 Deg. 48 in Base Left Parallelogram
100113



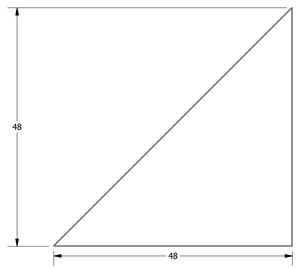
Calla 9/16" Square Tegular - 45 Deg. 24 in Base Rt. Triangle
100107



Calla 9/16" Square Tegular - 60 Deg. 48 in Base Right Rt. Triangle
100106



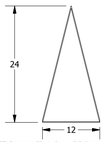
Calla 9/16" Square Tegular - 60 Deg. 48 in Base Left Rt. Triangle
100105



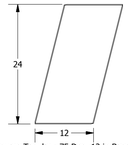
Calla 9/16" Square Tegular - 45 Deg. 48 in Base Rt. Triangle
100108

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

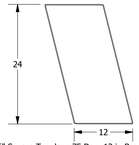
Armstrong CEILING & WALL SOLUTIONS	DesignFlex - Panels Calla Shapes	DRAWN BY: KAP	DATE: 4/19/2018	PD



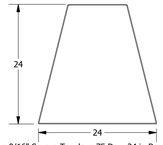
Lyra 9/16" Square Tegular - 75 Deg. 12 in Base Triangle
100004



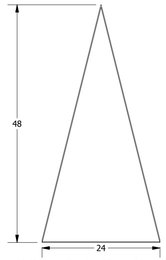
Lyra 9/16" Square Tegular - 75 Deg. 12 in Base Right Parallelogram
100020



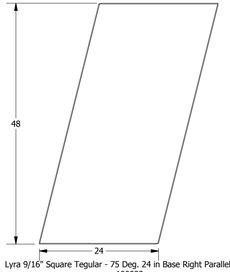
Lyra 9/16" Square Tegular - 75 Deg. 12 in Base Left Parallelogram
100021



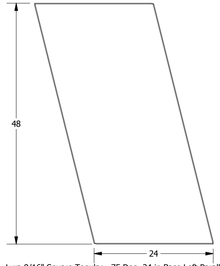
Lyra 9/16" Square Tegular - 75 Deg. 24 in Base Trapezoid
100012



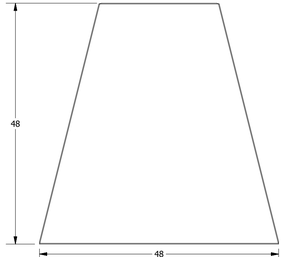
Lyra 9/16" Square Tegular - 75 Deg. 24 in Base Triangle
100005



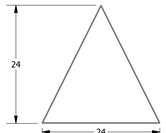
Lyra 9/16" Square Tegular - 75 Deg. 24 in Base Right Parallelogram
100022



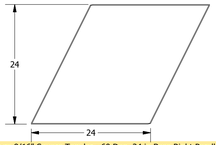
Lyra 9/16" Square Tegular - 75 Deg. 24 in Base Left Parallelogram
100023



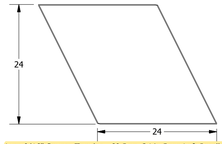
Lyra 9/16" Square Tegular - 75 Deg. 48 in Base Trapezoid
100013



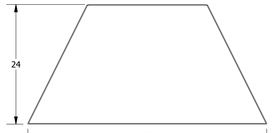
Lyra 9/16" Square Tegular - 60 Deg. 24 in Base Triangle
100002



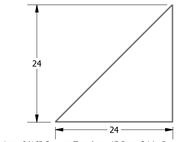
Lyra 9/16" Square Tegular - 60 Deg. 24 in Base Right Parallelogram
100016



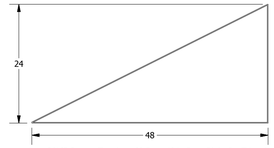
Lyra 9/16" Square Tegular - 60 Deg. 24 in Base Left Parallelogram
100017



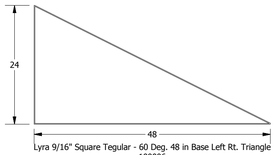
Lyra 9/16" Square Tegular - 60 Deg. 48 in Base Trapezoid
100011



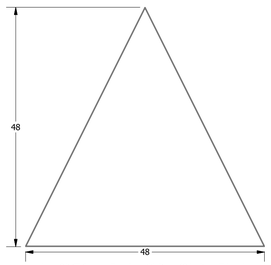
Lyra 9/16" Square Tegular - 45 Deg. 24 in Base Rt. Triangle
100008



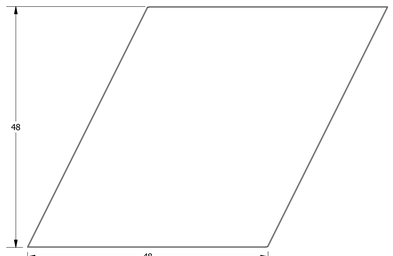
Lyra 9/16" Square Tegular - 60 Deg. 48 in Base Right Rt. Triangle
100007



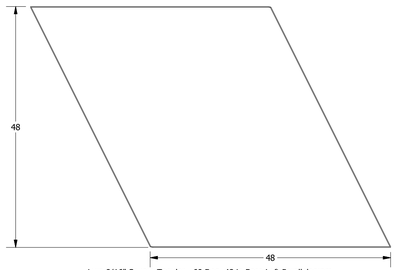
Lyra 9/16" Square Tegular - 60 Deg. 48 in Base Left Rt. Triangle
100006



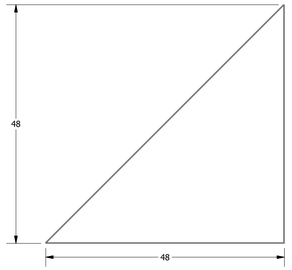
Lyra 9/16" Square Tegular - 60 Deg. 48 in Base Triangle
100003



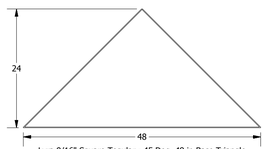
Lyra 9/16" Square Tegular - 60 Deg. 48 in Base Right Parallelogram
100018



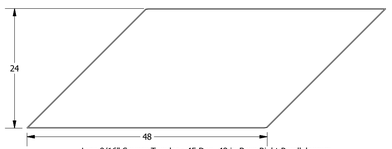
Lyra 9/16" Square Tegular - 60 Deg. 48 in Base Left Parallelogram
100019



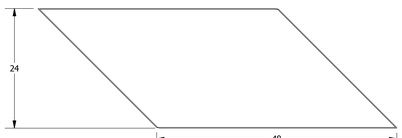
Lyra 9/16" Square Tegular - 45 Deg. 48 in Base Rt. Triangle
100009



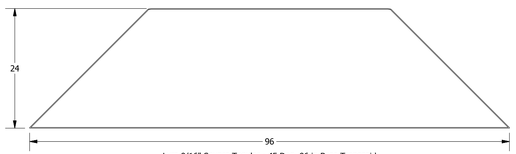
Lyra 9/16" Square Tegular - 45 Deg. 48 in Base Triangle
100001



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



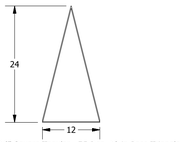
Lyra 9/16" Square Tegular - 45 Deg. 48 in Base Left Parallelogram
100015



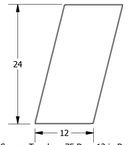
Lyra 9/16" Square Tegular - 45 Deg. 96 in Base Trapezoid
100010

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

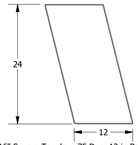
Armstrong CEILING & WALL SOLUTIONS	DesignFlex - Panels Lyra Shapes	DRAWN BY: KAP	DATE: 4/19/2018	PD



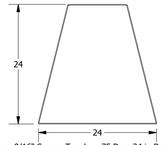
Optima 9/16" Square Tegular - 75 Deg. 12 in Base Triangle
100203



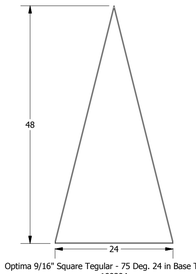
Optima 9/16" Square Tegular - 75 Deg. 12 in Base Right Parallelogram
100219



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

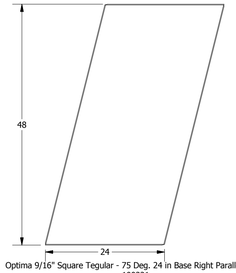


Optima 9/16" Square Tegular - 75 Deg. 24 in Base Trapezoid
100211



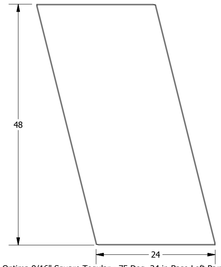
Optima 9/16" Square Tegular - 75 Deg. 24 in Base Triangle
100204

Optima 15/16" Lay-In - 75 Deg. 24 in Base Triangle
100227



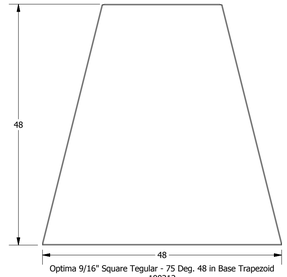
Optima 9/16" Square Tegular - 75 Deg. 24 in Base Right Parallelogram
100221

Optima 15/16" Lay-In - 75 Deg. 24 in Base Right Parallelogram
100244



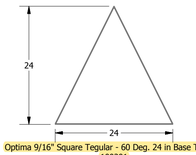
Optima 9/16" Square Tegular - 75 Deg. 24 in Base Left Parallelogram
100222

Optima 15/16" Lay-In - 75 Deg. 24 in Base Left Parallelogram
100245

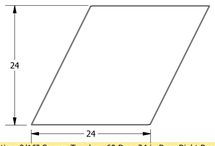


Optima 9/16" Square Tegular - 75 Deg. 48 in Base Trapezoid
100212

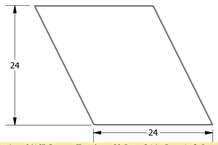
Optima 15/16" Lay-In - 75 Deg. 48 in Base Trapezoid
100235



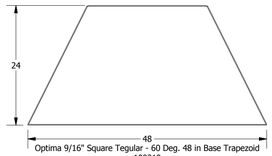
Optima 9/16" Square Tegular - 60 Deg. 24 in Base Triangle
100201



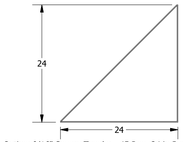
Optima 9/16" Square Tegular - 60 Deg. 24 in Base Right Parallelogram
100215



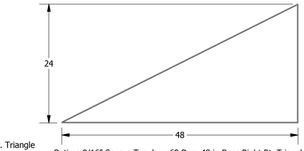
Optima 9/16" Square Tegular - 60 Deg. 24 in Base Left Parallelogram
100216



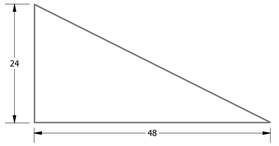
Optima 9/16" Square Tegular - 60 Deg. 48 in Base Trapezoid
100210



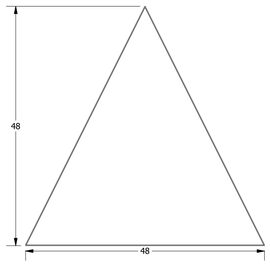
Optima 9/16" Square Tegular - 45 Deg. 24 in Base Rt. Triangle
100207



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

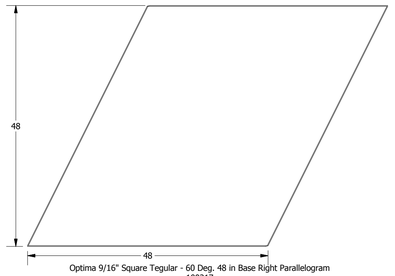


Optima 9/16" Square Tegular - 60 Deg. 48 in Base Left Rt. Triangle
100205



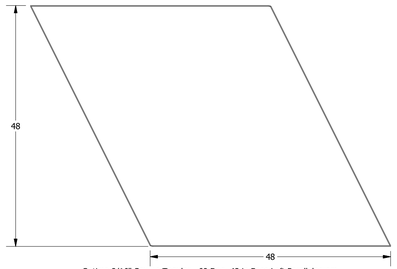
Optima 9/16" Square Tegular - 60 Deg. 48 in Base Triangle
100202

Optima 15/16" Lay-In - 60 Deg. 48 in Base Triangle
100225



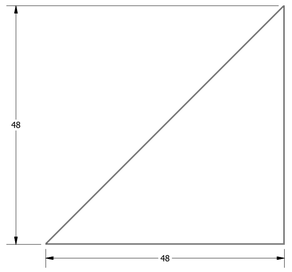
Optima 9/16" Square Tegular - 60 Deg. 48 in Base Right Parallelogram
100217

Optima 15/16" Lay-In - 60 Deg. 48 in Base Right Parallelogram
100240



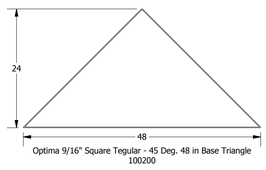
Optima 9/16" Square Tegular - 60 Deg. 48 in Base Left Parallelogram
100218

Optima 15/16" Lay-In - 60 Deg. 48 in Base Left Parallelogram
100241

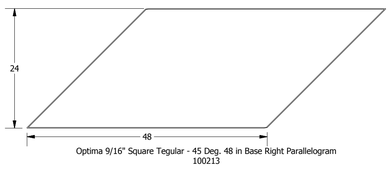


Optima 9/16" Square Tegular - 45 Deg. 48 in Base Rt. Triangle
100208

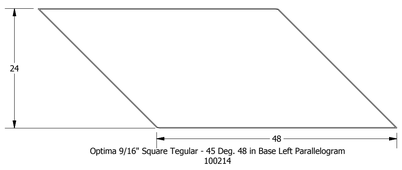
Optima 15/16" Lay-in - 45 Deg. 48 in Base Rt. Triangle
100231



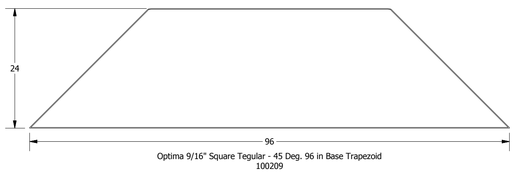
Optima 9/16" Square Tegular - 45 Deg. 48 in Base Triangle
100200



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
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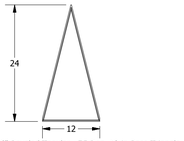
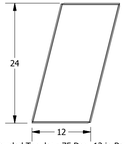
3. Scale 1:15

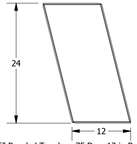
Armstrong CEILING & WALL SOLUTIONS	DesignFlex - Panels Optima Shapes	DRAWN BY: KAP	DATE: 4/19/2018	PD



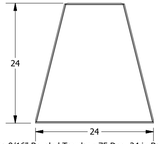
Ultima 9/16" Beveled Tegular - 75 Deg. 12 in Base Triangle
100303



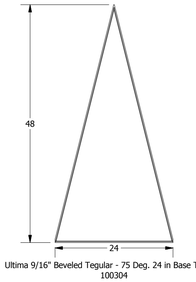
Ultima 9/16" Beveled Tegular - 75 Deg. 12 in Base Right Parallelogram
100315



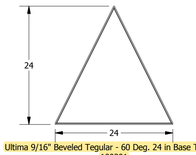
Ultima 9/16" Beveled Tegular - 75 Deg. 12 in Base Left Parallelogram
100316



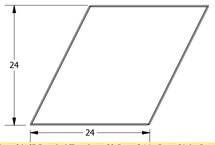
Ultima 9/16" Beveled Tegular - 75 Deg. 24 in Base Trapezoid
100310



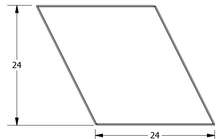
Ultima 9/16" Beveled Tegular - 75 Deg. 24 in Base Triangle
100304



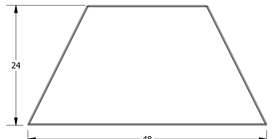
Ultima 9/16" Beveled Tegular - 60 Deg. 24 in Base Triangle
100301



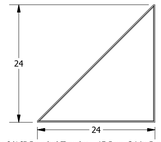
Ultima 9/16" Beveled Tegular - 60 Deg. 24 in Base Right Parallelogram
100313



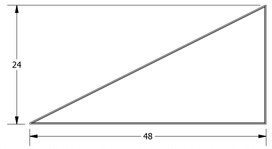
Ultima 9/16" Beveled Tegular - 60 Deg. 24 in Base Left Parallelogram
100314



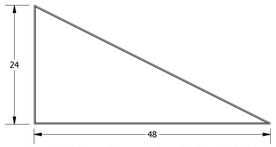
Ultima 9/16" Beveled Tegular - 60 Deg. 48 in Base Trapezoid
100309



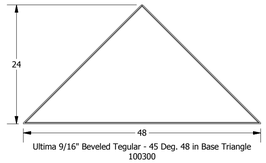
Ultima 9/16" Beveled Tegular - 45 Deg. 24 in Base Rt. Triangle
100307



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

Armstrong CEILING & WALL SOLUTIONS	DesignFlex - Panels Ultima Shapes	DRAWN BY: KAP	DATE: 4/19/2018	PD