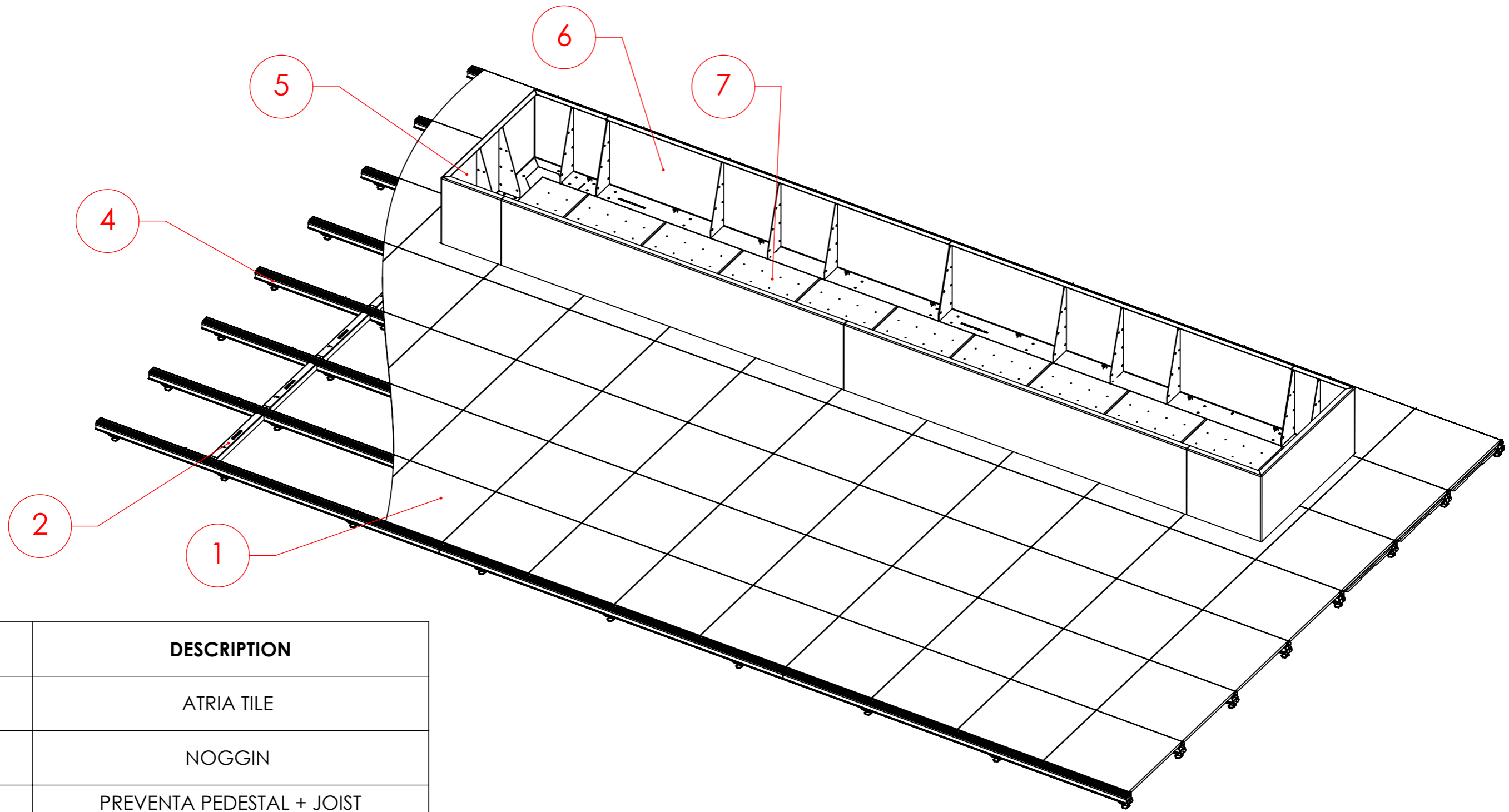


Example of our full fixingless system



ITEM NO.	DESCRIPTION
1	ATRIA TILE
2	NOGGIN
3	PREVENTA PEDESTAL + JOIST CONNECTOR
4	PREVENTA JOIST
5	PLANTERLINE U
6	PLANTERLINE STRAIGHT PANEL
7	540 X 540 STRUCTA PANEL

DATE: 10/01/2024	PAGE NUMBER: 1	SHEET SIZE: A3
DRAWING TITLE: Planterline straight on Raafft System Example		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		RAAFT

Versijack Plastic Pedestal Drawings



311010
12-18mm



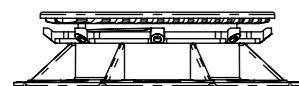
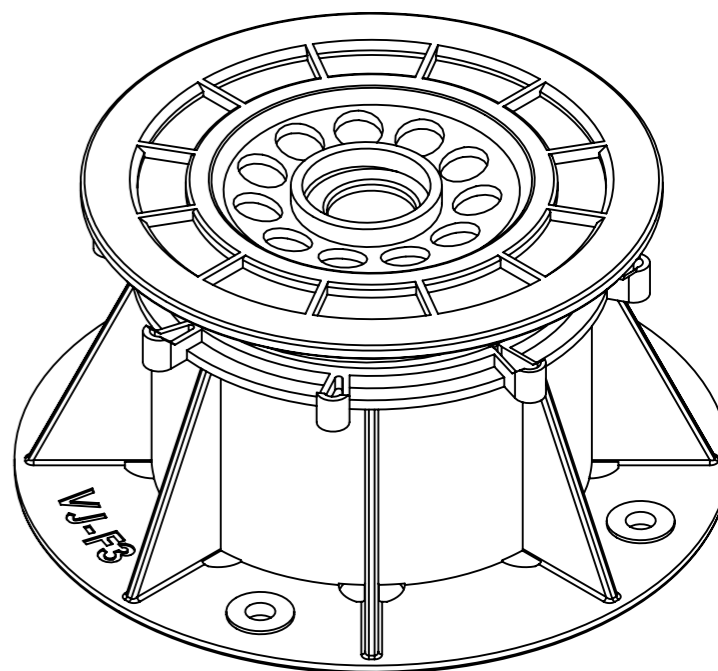
311011
17-23mm



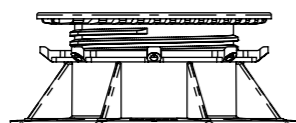
311012
23-29mm



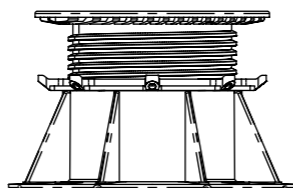
311013
30-44mm



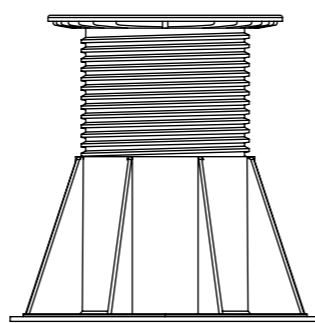
311016
45-50mm



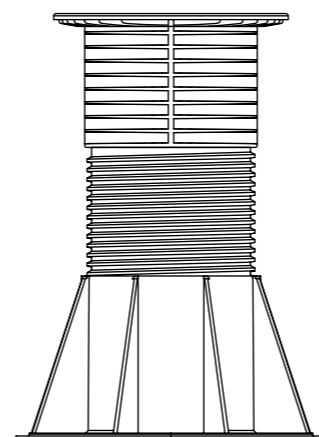
311017
57-75mm



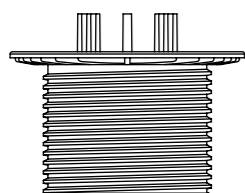
311018
81-117mm



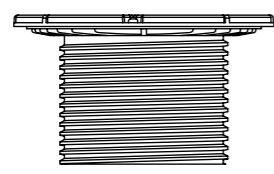
311019
124-210mm



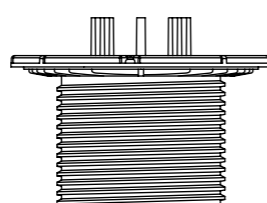
311020
204-281mm



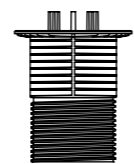
311019
WITH
SPACER
TAB



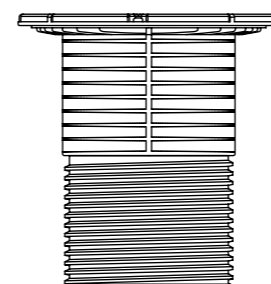
311019
WITH TOP
SLOPE
CORRECTOR



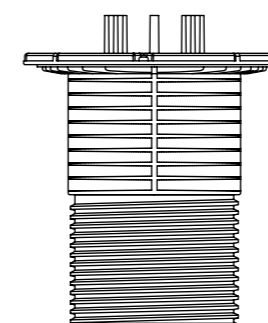
311019
WITH TOP
SLOPE
CORRECTOR
& SPACER
TAB



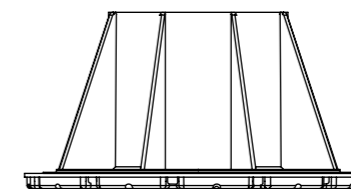
311020
WITH
SPACER
TAB



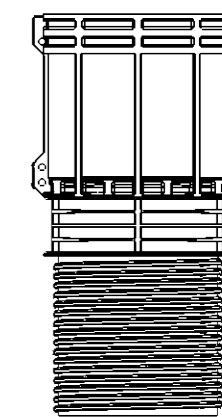
311020
WITH TOP
SLOPE
CORRECTOR



3011020
WITH TOP
SLOPE
CORRECTOR
& SPACER
TAB



VJ-117FB
WITH BOTTOM
SLOPE CORRECTOR

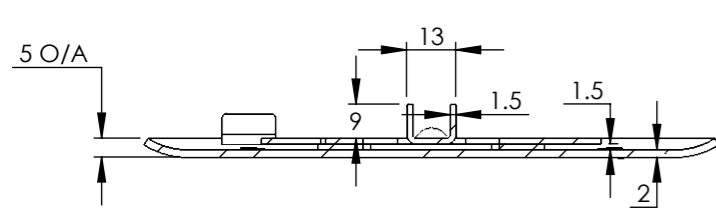
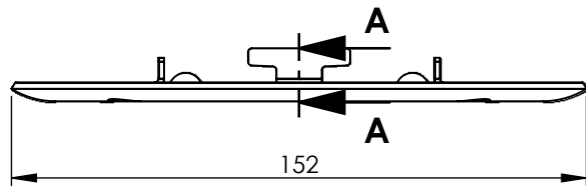
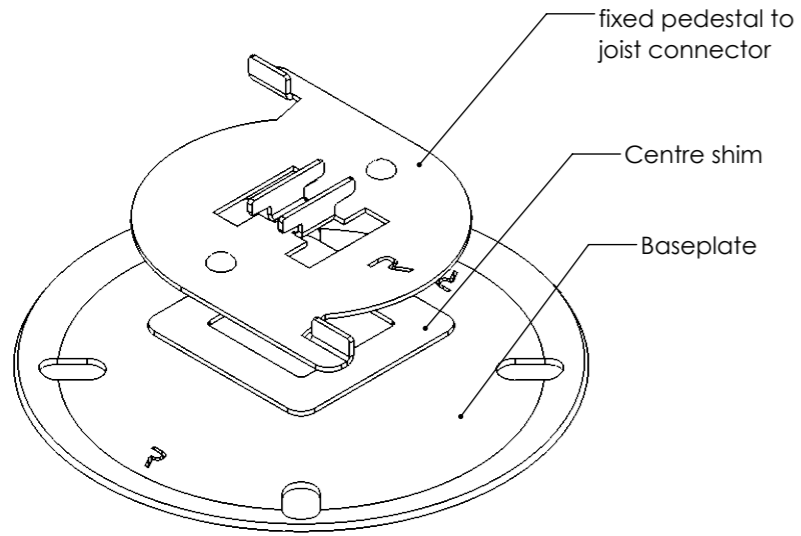


312022
245mm
extender

DATE: 10/01/2024	PAGE NUMBER: 2	SHEET SIZE: A3
DRAWING TITLE: Versijack Plastic Pedestal Drawings		
A		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		

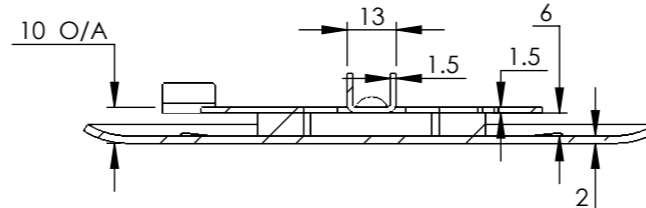
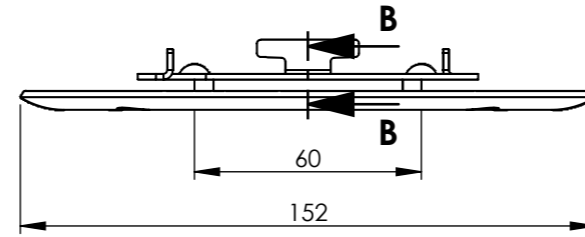
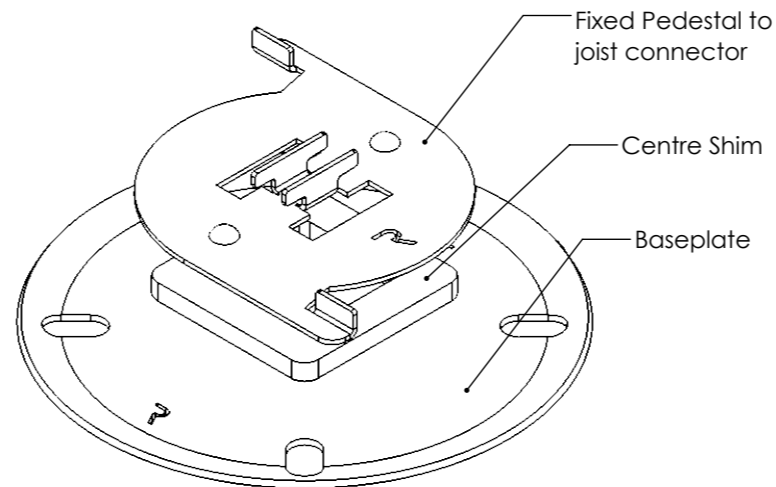
Preventa Low level pedestals

5mm Low Level Fixed pedestal



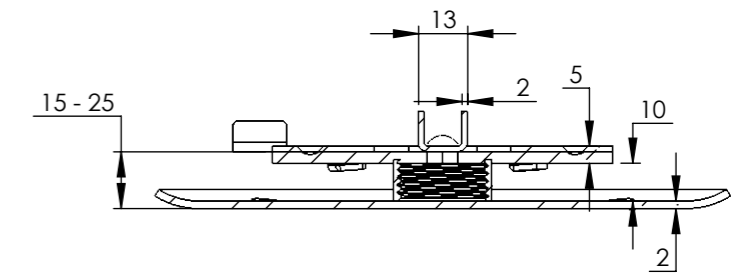
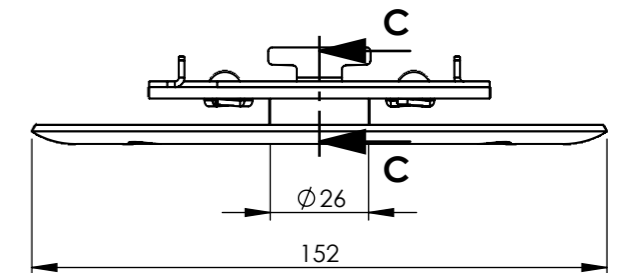
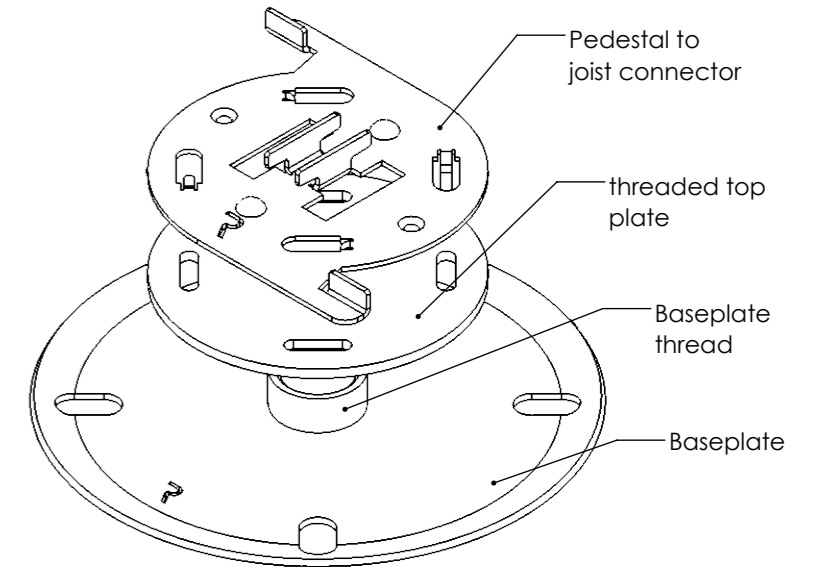
SECTION A-A

10mm Low Level Fixed pedestal



SECTION B-B

15 - 25mm Low Level pedestal



SECTION C-C

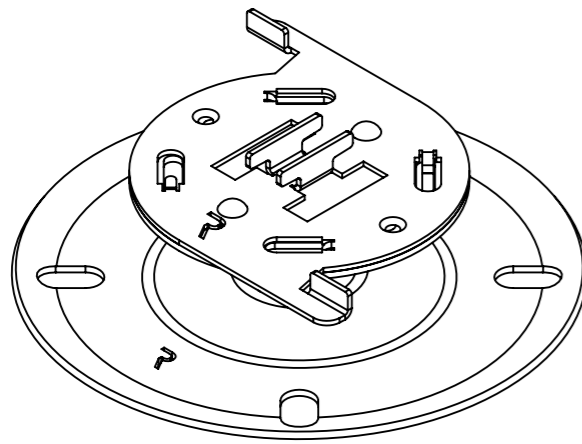
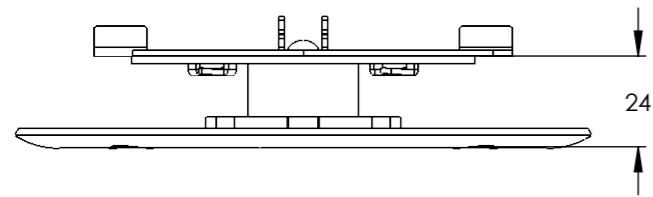
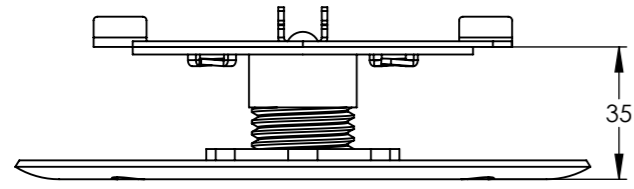
DATE: 12/01/2024 PAGE NUMBER: 3 SHEET SIZE: A3

DRAWING TITLE: Low Level Pedestals

117-121 St. John Street
Clerkenwell
London
EC1V 4JA
Tel: +44 (0)20 3146 7879
Email: technical@raaft.co.uk

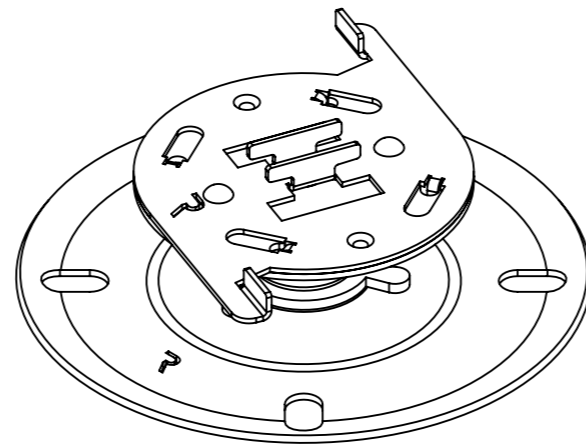
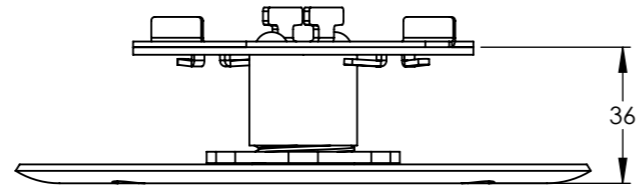
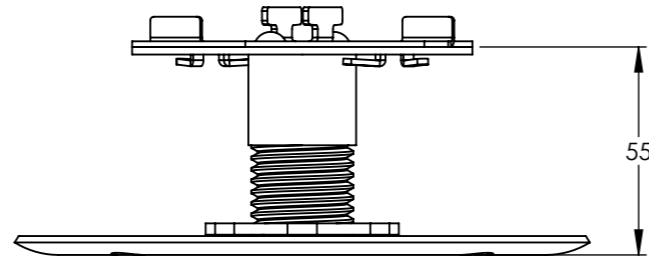


Preventa Metal Pedestals - Section I



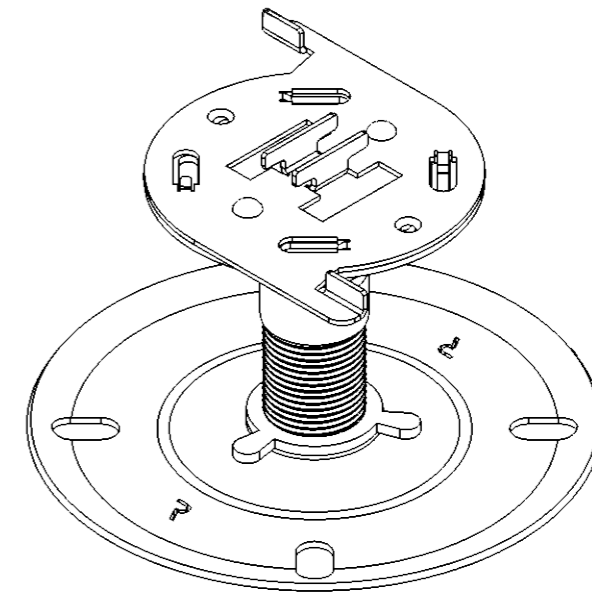
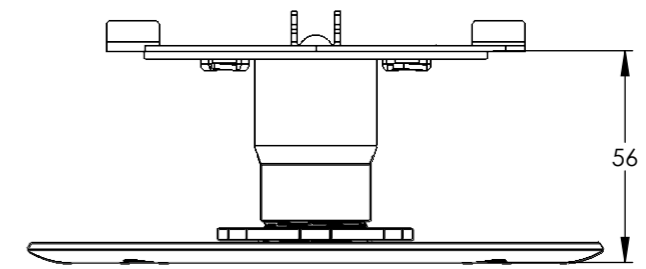
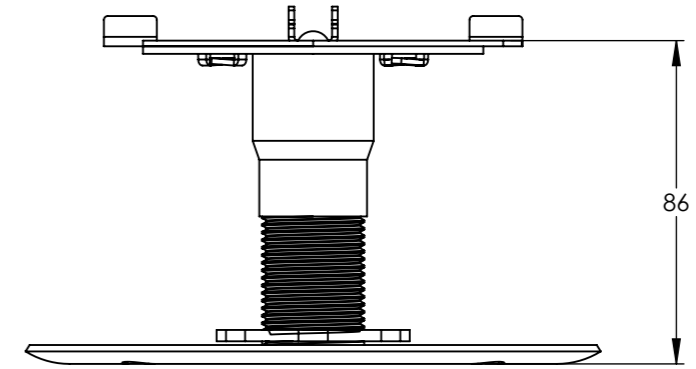
Preventa Steel
Fire - Resistant
Adjustable Pedestal
25 - 35mm
External Zintek Finish
Part Code: 345010

WEIGHT: 0.56KG



Preventa Steel
Fire - Resistant
Adjustable Pedestal
35 - 55mm
External Zintek Finish
Part Code: 345011

WEIGHT: 0.58KG



Preventa Steel
Fire - Resistant
Adjustable Pedestal
55 - 85mm
External Zintek Finish
Part Code: 345012

WEIGHT: 0.64KG

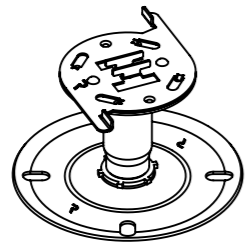
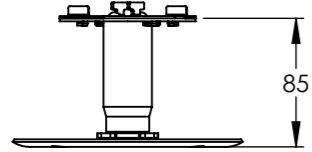
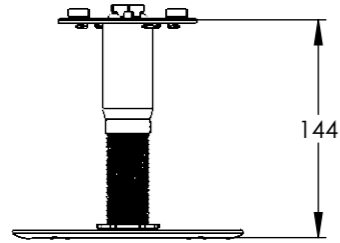
DATE: 16/01/24	PAGE NUMBER: 4	SHEET SIZE: A3
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Drawing title:
Preventa Metal Pedestals - Section I

117-121 St. John Street
Clerkenwell
London
EC1V 4JA
Tel: +44 (0)20 3146 7879
Email: technical@raaft.co

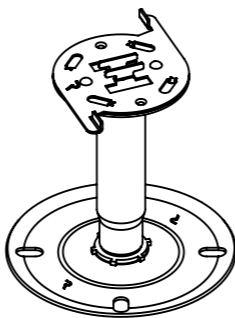
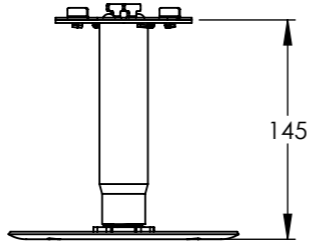
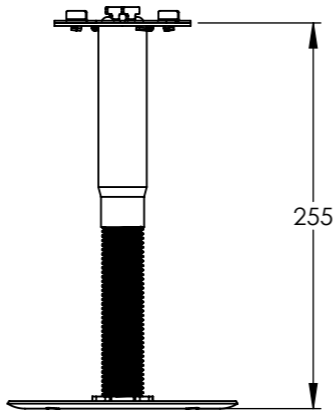


Preventa Metal Pedestals - Section II



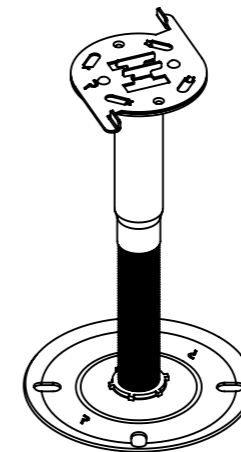
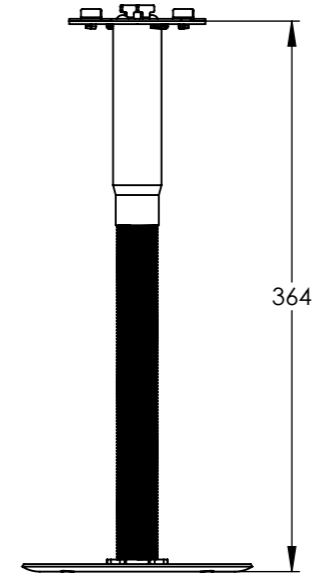
Preventa Steel
Fire - Resistant
Adjustable Pedestal
85 - 145mm
External Zintek Finish
Part Code: 345013

WEIGHT: 0.71KG




Preventa Steel
Fire - Resistant
Adjustable Pedestal
145 - 255mm
External Zintek Finish
Part Code: 345014

WEIGHT: 0.88KG



Preventa Steel
Fire - Resistant
Adjustable Pedestal
255 - 365mm
External Zintek Finish
Part Code: 345015

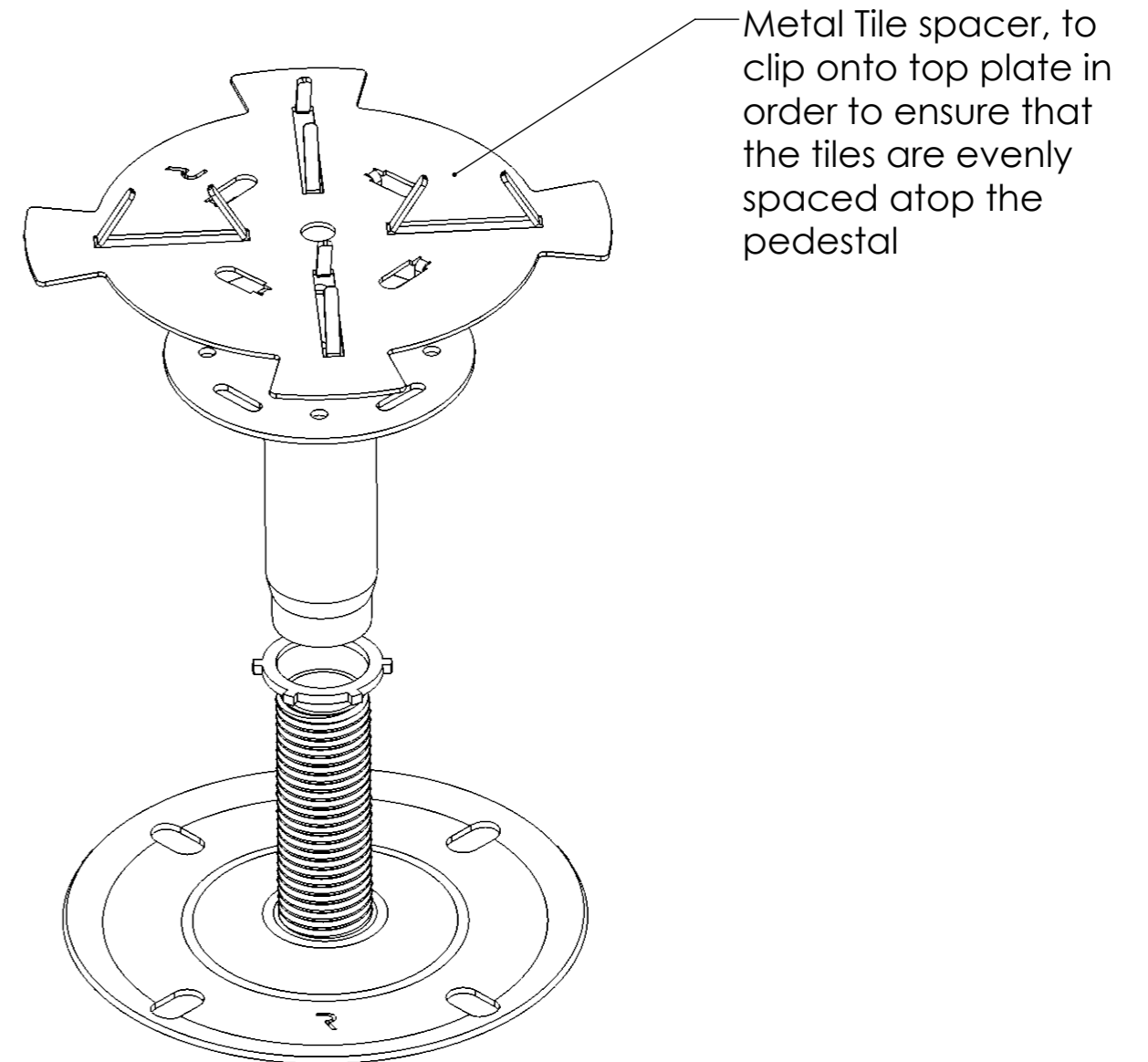
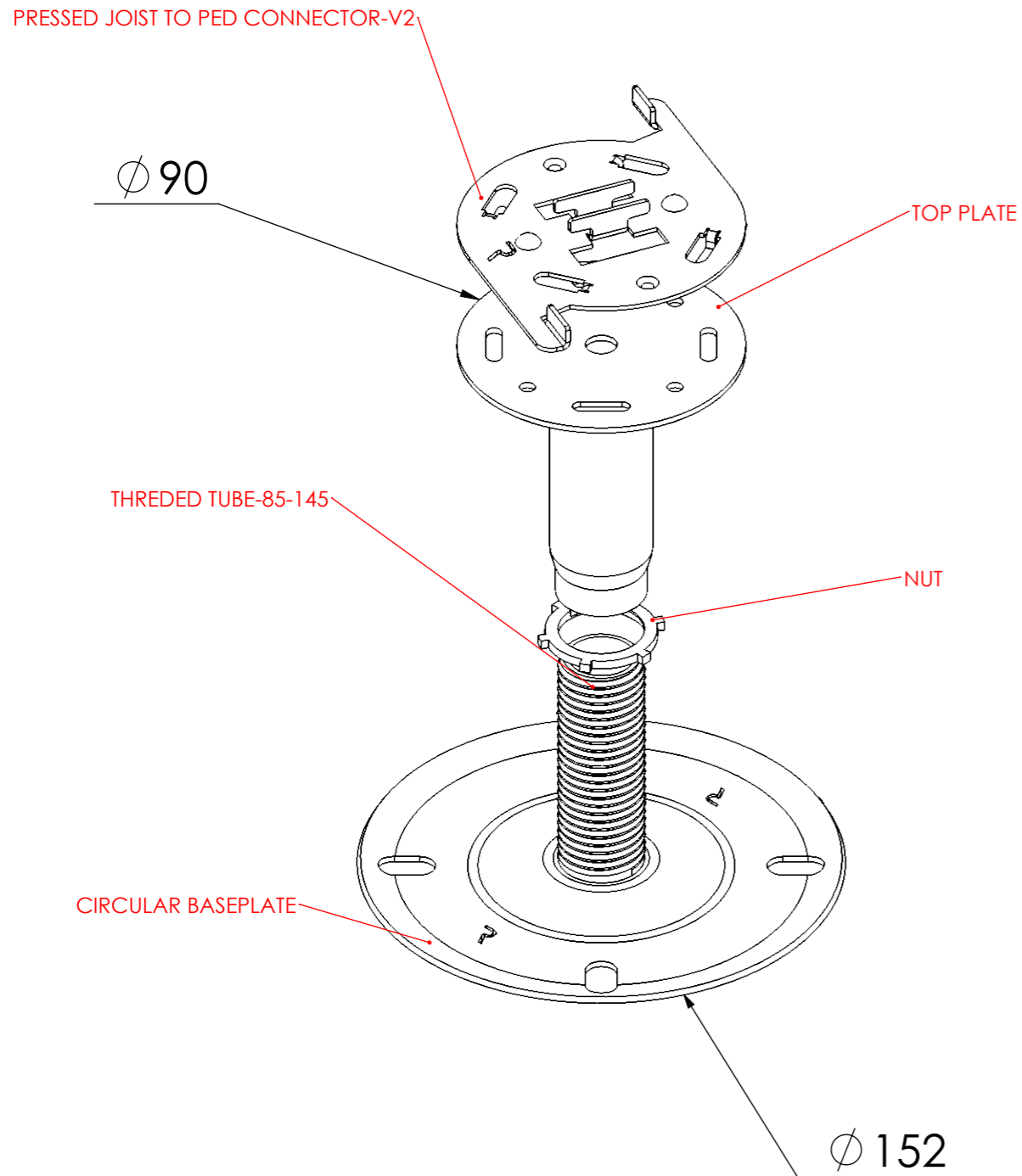
WEIGHT 1.06KG

DATE: 16/01/24	PAGE NUMBER: 5	SHEET SIZE: A3
Drawing title: Preventa Metal Pedestals - Section I		
 <p>RAAFT A Kinley Group company Kinley</p>		

Preventa Pedestal Details

Pedestal assembly example

Pedestal Metal Tile Spacer example



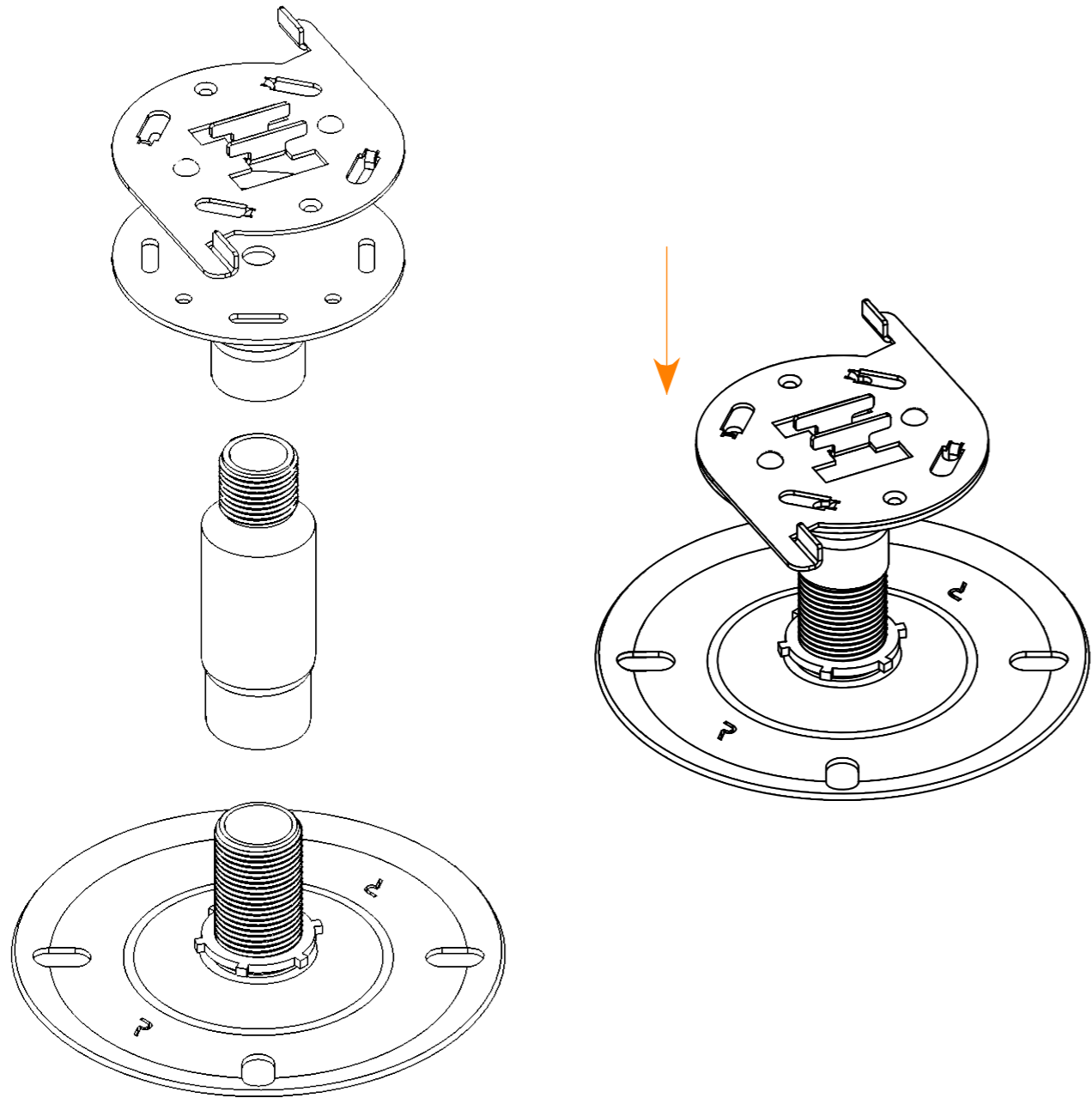
DATE: 16/01/24	PAGE NUMBER: 6	SHEET SIZE: A3
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Drawing title:
Metal Pedestal Details

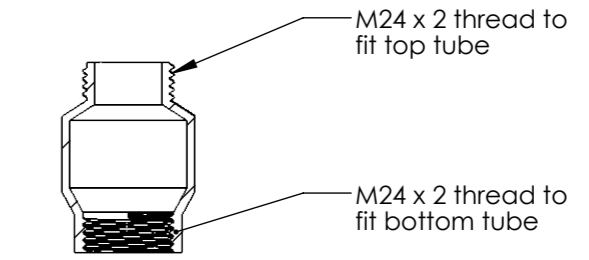
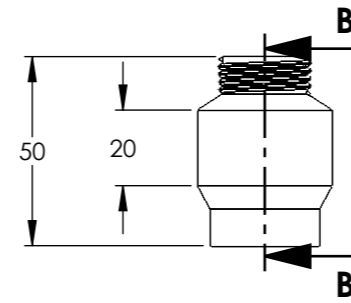


Pedestal Extender

EXAMPLE OF HOW THE EXTENDER CONNECTS



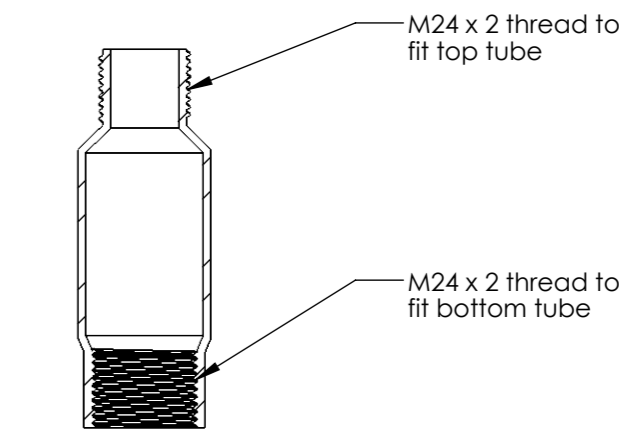
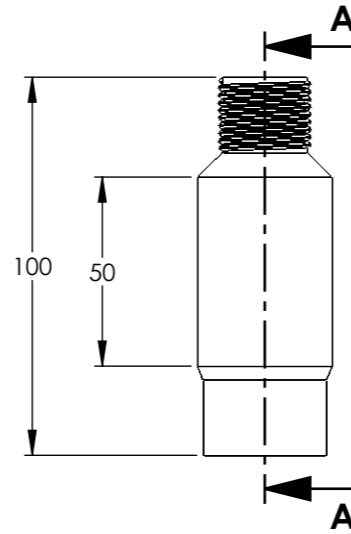
EXAMPLE OF A 50MM CONNECTOR



**SECTION B-B
SCALE 1 : 2**

Weight: 0.08KG

EXAMPLE OF A 100MM CONNECTOR



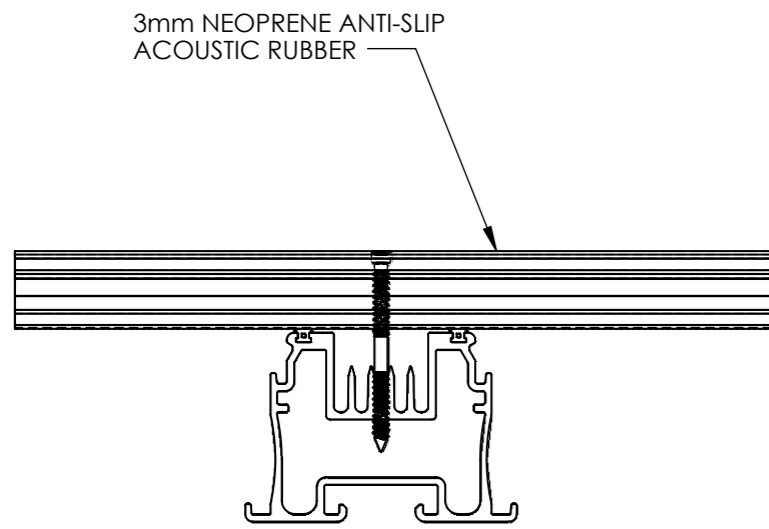
**SECTION A-A
SCALE 1 : 2**

Weight: 0.16KG

DATE: 16/01/24	PAGE NUMBER: 7	SHEET SIZE: A3
Drawing title: Metal Pedestal Extenders		

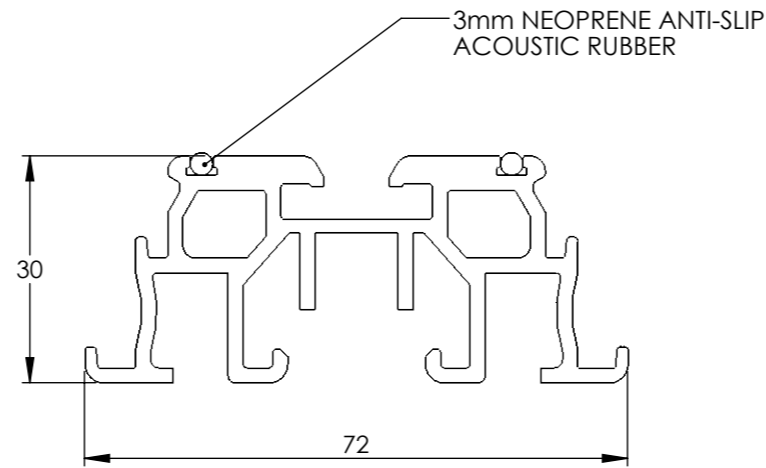


Preventa Joists



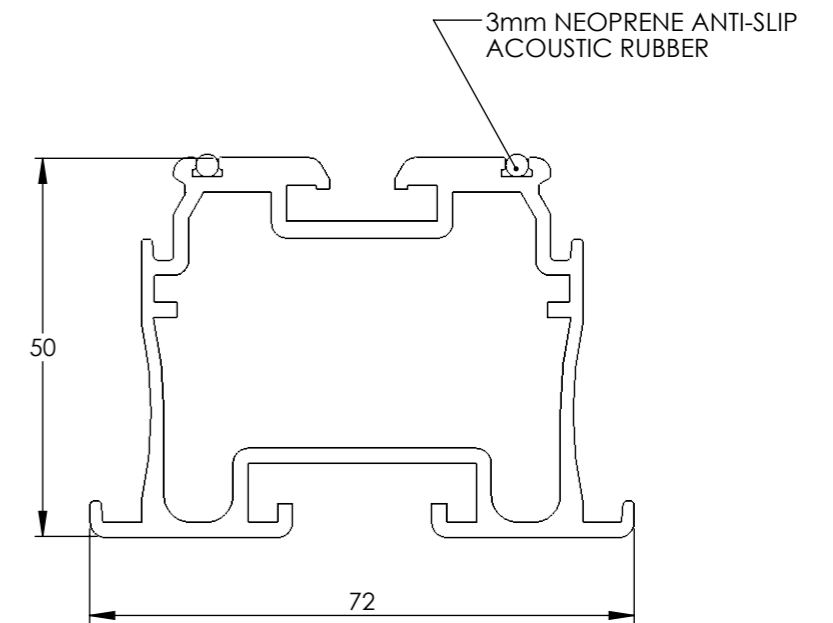
50MM ALUMINIUM PREVENTA JOIST FOR WOOD SCREWS

SINGLE APPLICATION



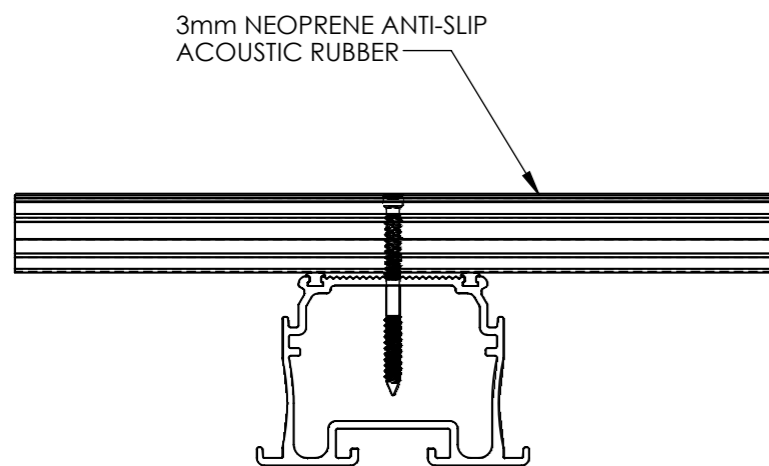
END PROFILE FOR 30mm ALUMINIUM PREVENTA JOIST

MULTIPLE APPLICATIONS



END PROFILE FOR 50mm ALUMINIUM PRVENTA JOIST


MULTIPLE APPLICATIONS



50mm ALUMINIUM PREVENTA JOIST FOR TIMBER DECKING

SINGLE APPLICATION

<u>JOIST SPECIFICATIONS</u>	<u>DATA FOR 30MM</u>	<u>DATA FOR 50MM</u>
DIMENSIONS (mm)	30 x 72 x 2400	50 x 72 x 2400
MAX PEDESTAL SPAN (mm)	500	900
WEIGHT (kg)	3.87	4.26
MAX CANTILEVER (mm)	100	200
MAXIMUM LOADING WEIGHT (kg)	250	250

DATE: 11/01/2024	PAGE NUMBER: 8	SHEET SIZE: A3
DRAWING TITLE: 30 & 50mm Aluminium Raafft Joist		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		

Joist Spacers

CENTRES	DESCRIPTION	SKU CODE 30mm	SKU CODE 50mm
100	FOR TERRAFINA	304043	304023
300	FOR 450 x 900mm TILES - 1/3 OFF-SET	304042	304022
300	FOR 600 x 900mm TILES - 1/3 OFF-SET	304041	304021
300	FOR 900 x 900mm TILES - 1/3 OFF-SET	304040	304020
400	FOR 300 x 1,200mm TILES - 1/2 OFF-SET	304039	304019
400	FOR 600 x 1,200mm TILES - 1/2 OFF-SET	304038	304018
400	FOR 1,200 x 1,200 tiles - 1/2 OFF-SET	304037	304017
450	FOR 450 x 900mm TILES	304036	304016
450	FOR 600 x 900mm TILES	304035	304015
450	FOR 900 x 900mm TILES	304034	304014
500	FOR TERRAFINA	304033	304013
600	FOR 300 & 600 X 1,200mm TILES	304032	304012
600	FOR 1,200 x 1,200mm TILES	304031	304011
600	FOR 600 x 600mm TILES	304030	304010

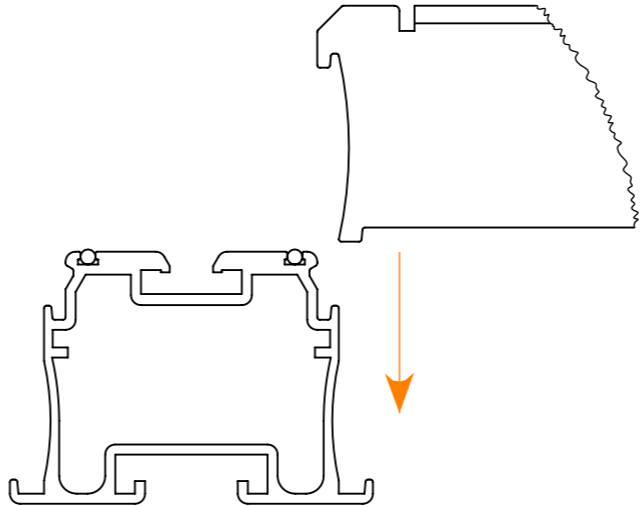
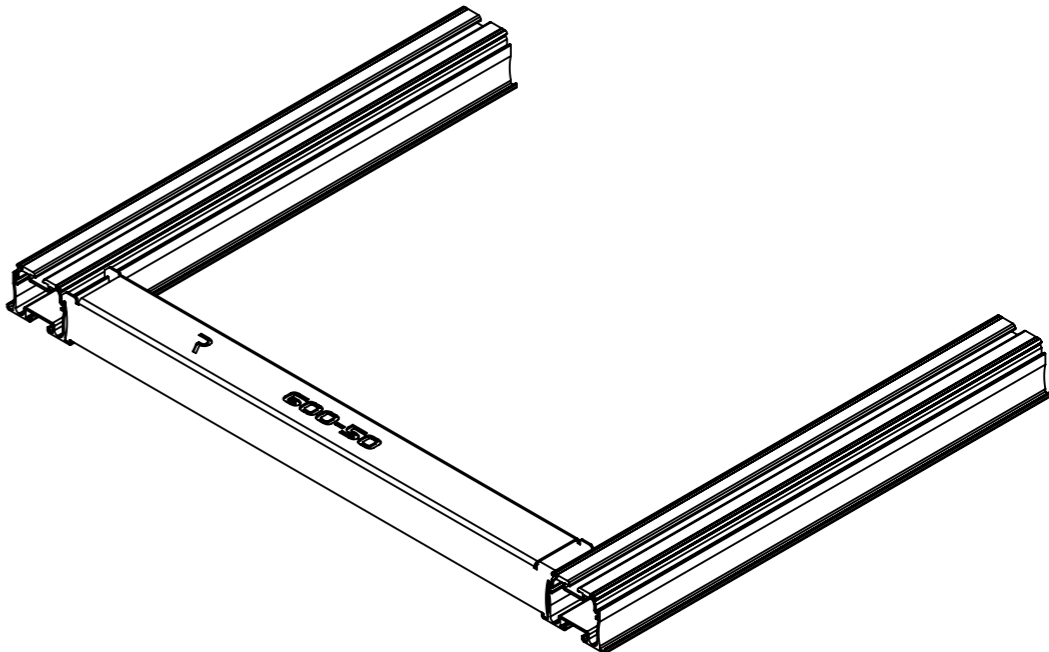


Illustration showing how ALL joist spacers and joists connect

SCALE 1 : 1.5

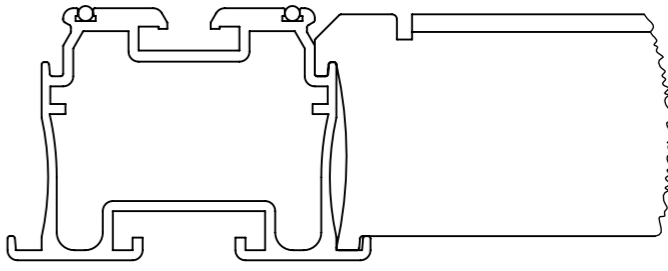
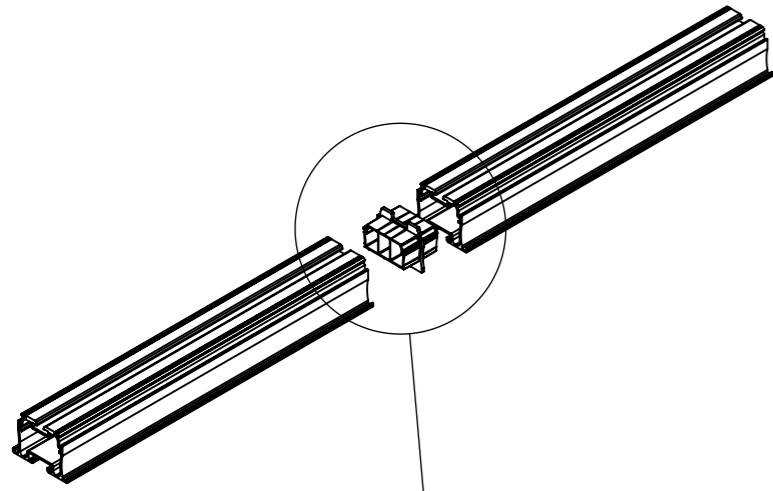


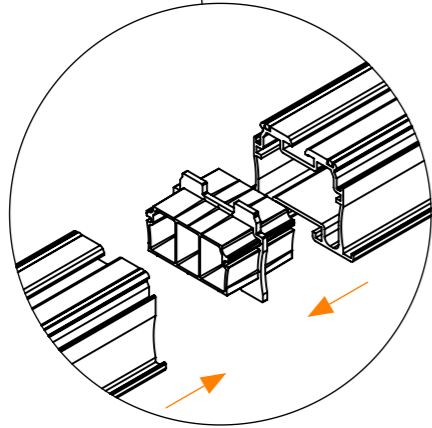
Illustration showing a connected joist spacer and joist

SCALE 1 : 1.5

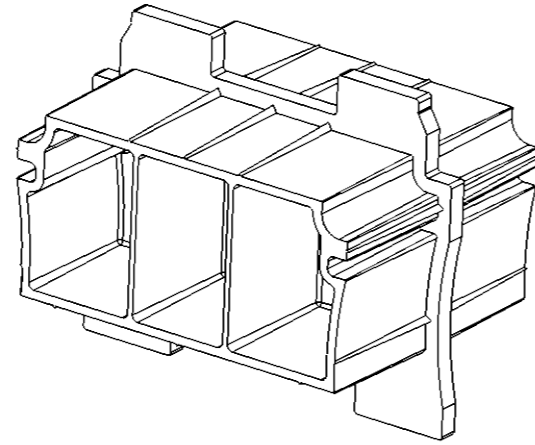
Joist Connectors - Straight



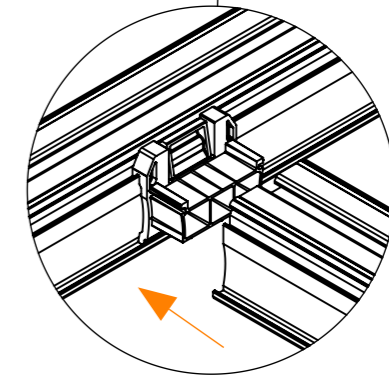
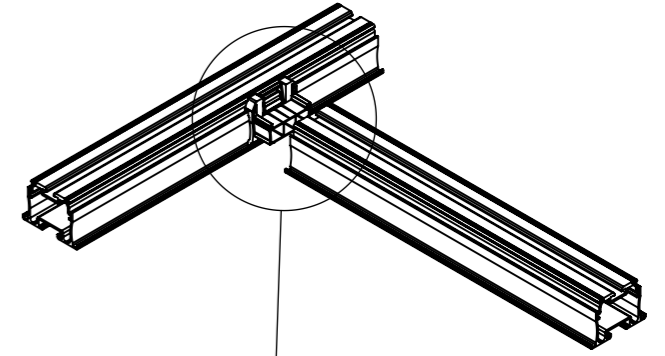
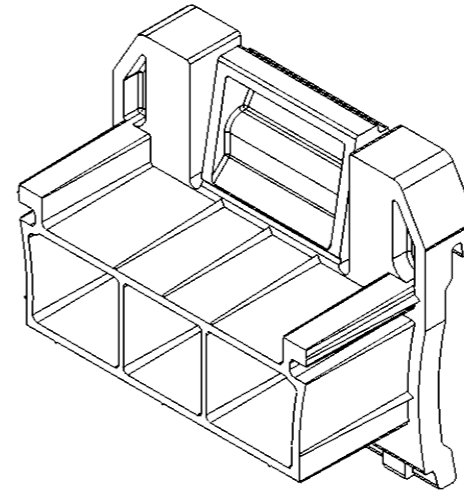
50mm STRAIGHT JOIST
CONNECTION CLIP




**DETAIL B
SCALE 2 : 7**



50mm 90° JOIST
CONNECTION CLIP

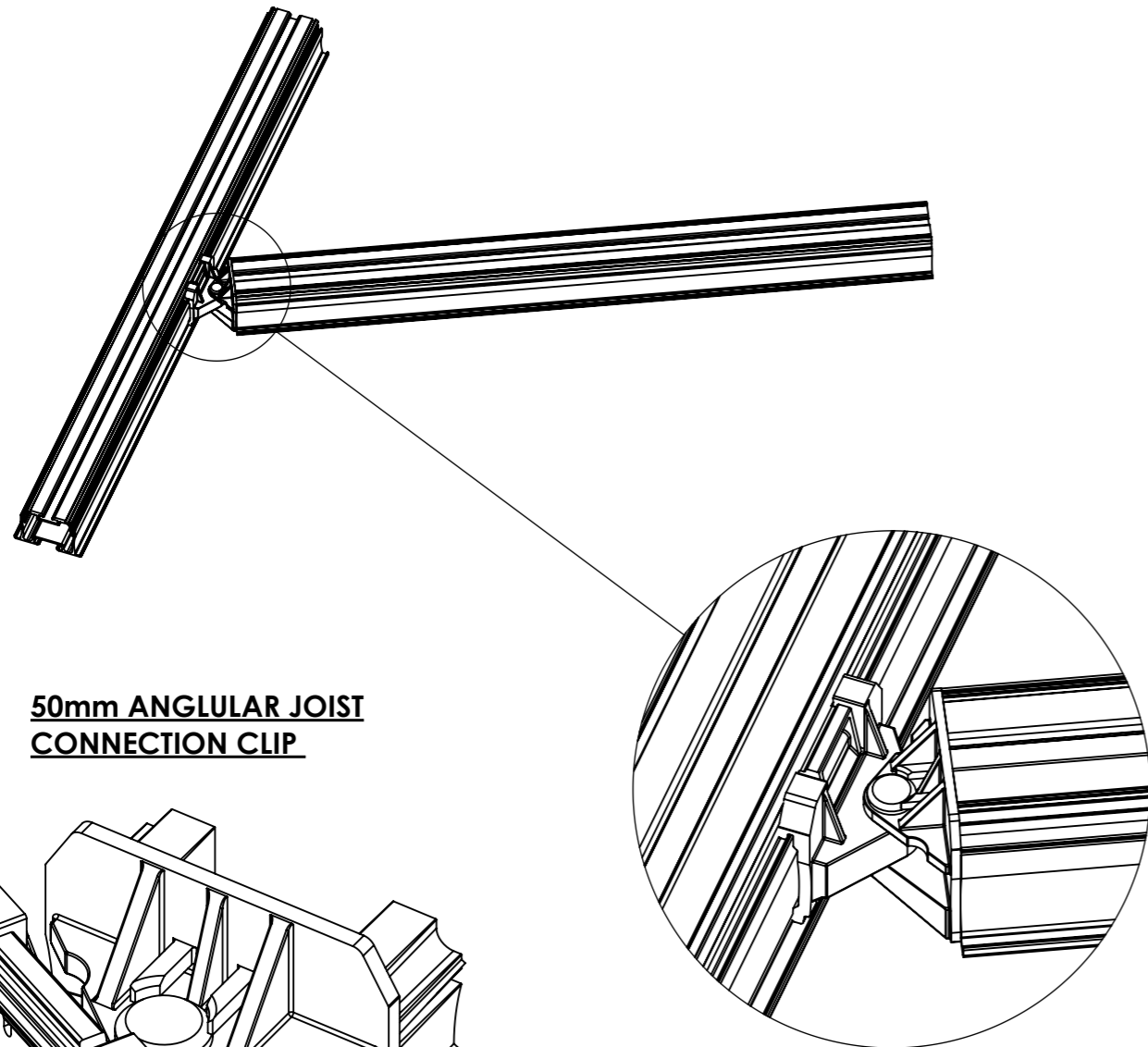


**DETAIL C
SCALE 2 : 7**

DATE: 18/01/24	PAGE NUMBER: 10	SHEET SIZE A3
Drawing Title: Joist Connectors - Straight		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co		
		 A Kinley Group company Kinley

Joist Connection Clip and support wing

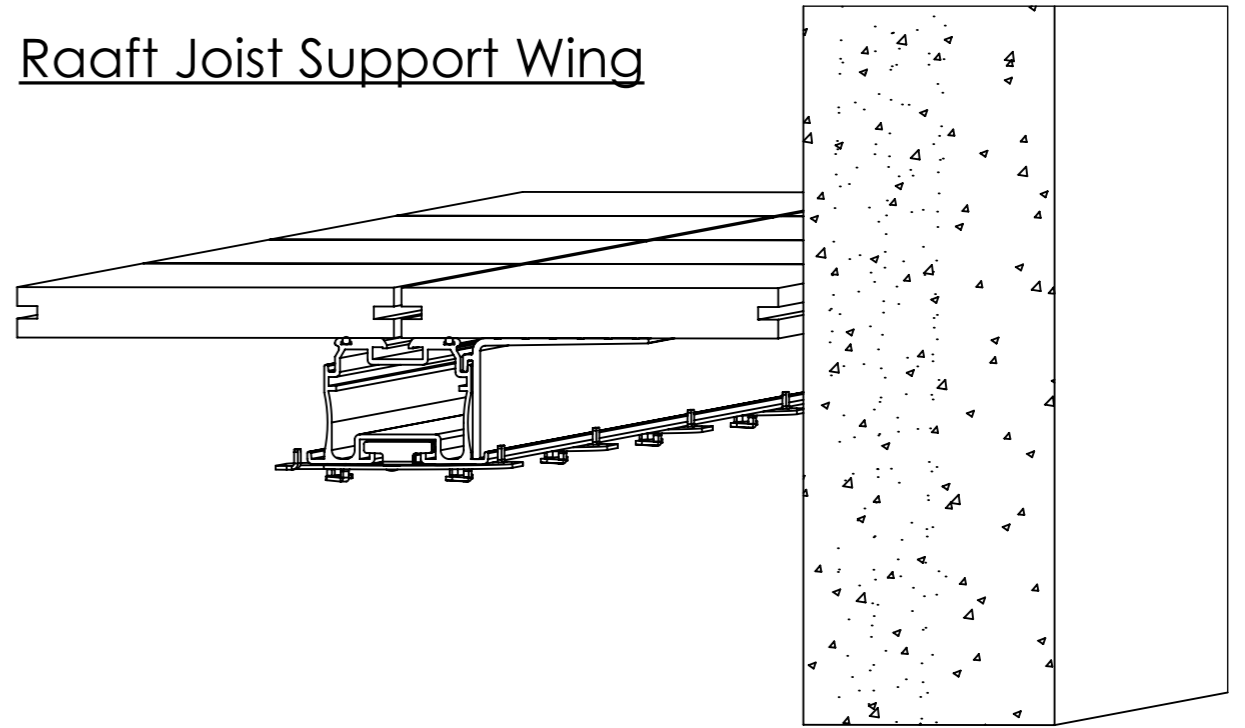
Angular Connection Clip



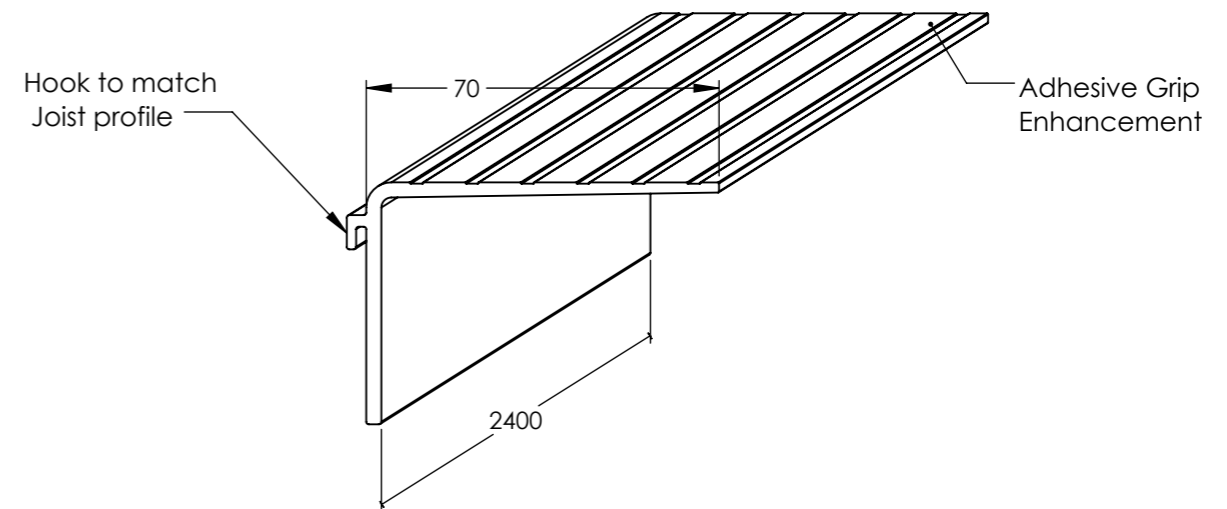
**50mm ANGLULAR JOIST
CONNECTION CLIP**

**DETAIL A
SCALE 1 : 2**

Raafft Joist Support Wing



Example of a Joist Support Wing
Assembly



The above detail shows the 50mm Raafft Support Wing

DATE: 18/01/24	PAGE NUMBER: 11	SHEET SIZE: A3
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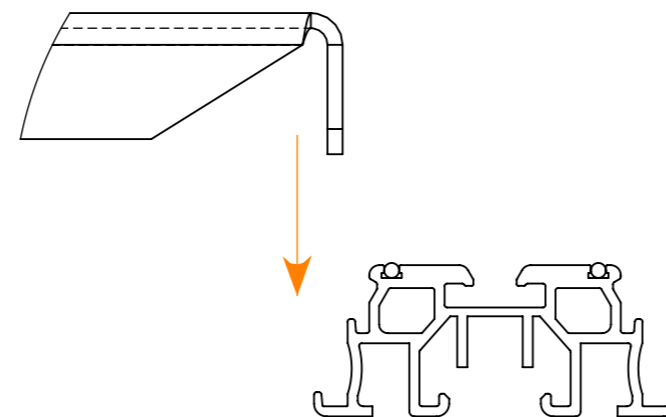
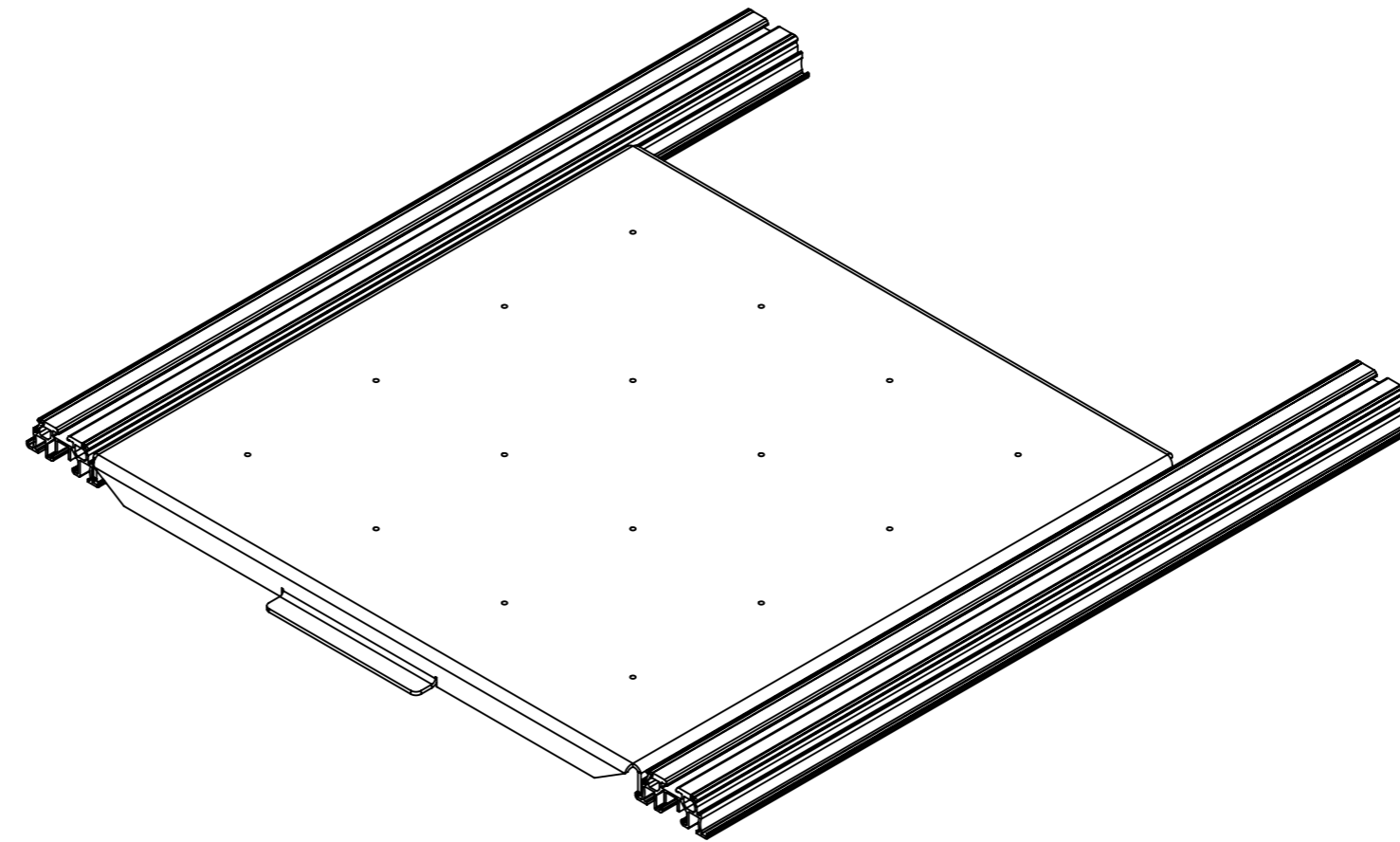
Drawing Title:
Joist Angle Connectors and Support Wings

117-121 St. John Street
Clerkenwell
London
EC1V 4JA
Tel: +44 (0)20 3146 7879
Email: technical@raaft.co

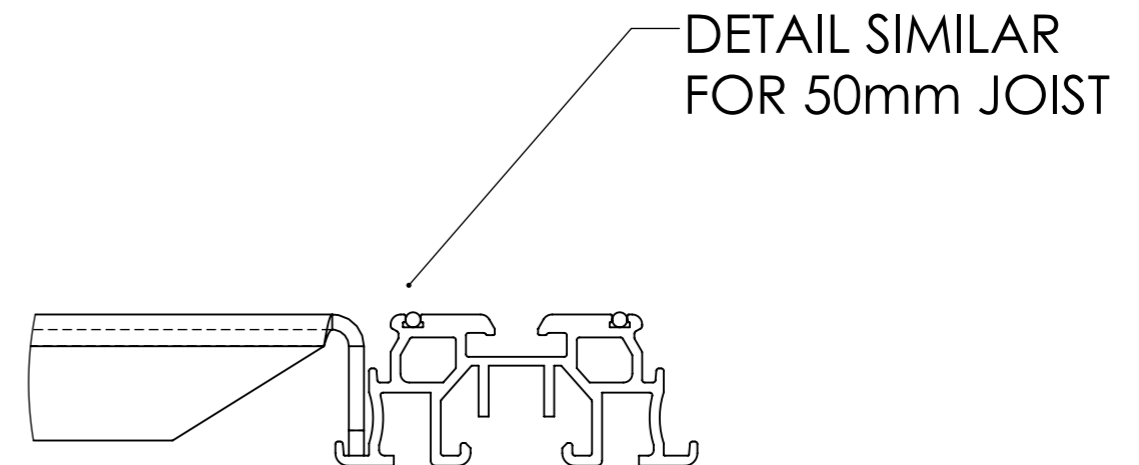


Structa Floor Panels

<i>DIMENSIONS</i>	<i>STRUCTA FLOOR PANEL SKU CODE</i>
540 x 540 x 48	320001
540 x 540 x 28	320003
540 x 440 x 48	320005
540 x 440 x 28	320006
540 x 390 x 48	320007
540 x 390 x 28	320008
540 x 240 x 48	320009
540 x 240 x 28	320010



Detail showing how the floor panel locates to the joist

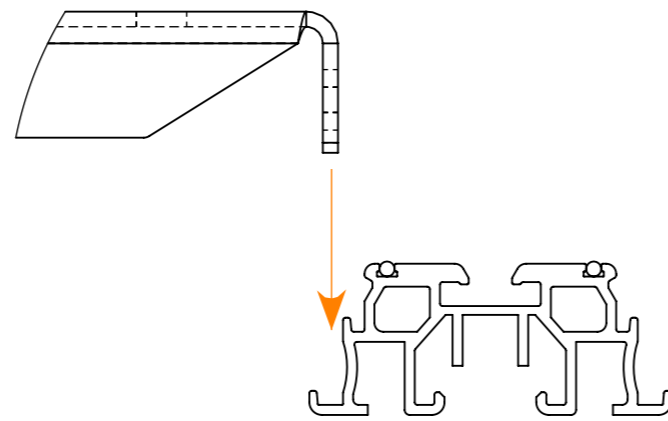
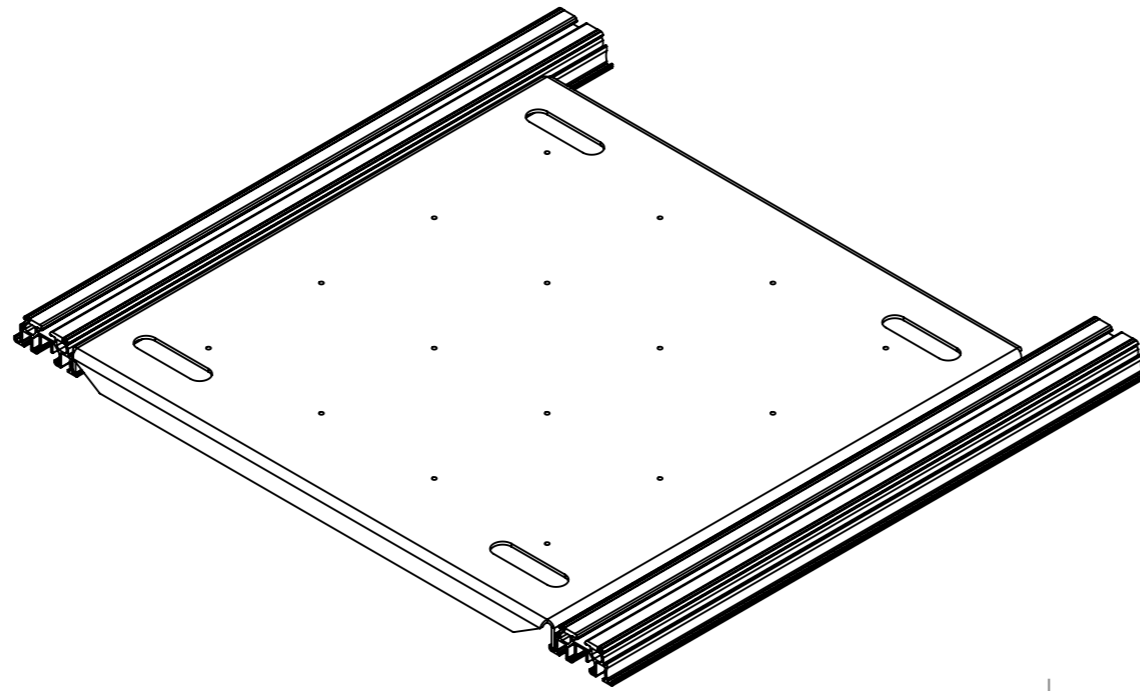


Detail showing the location of the connected floor panel and joist

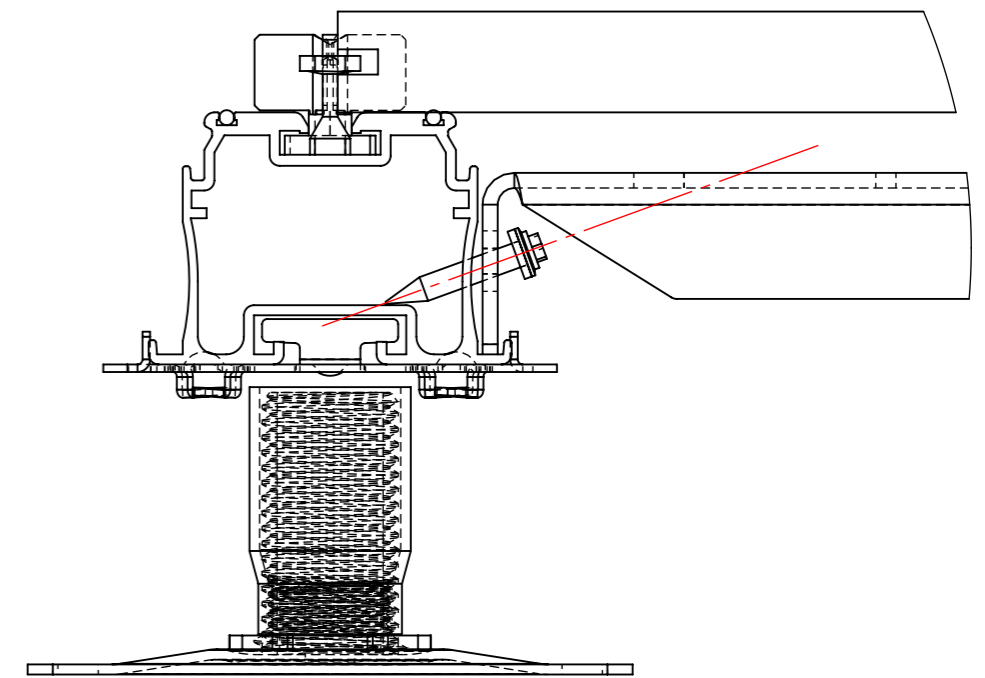
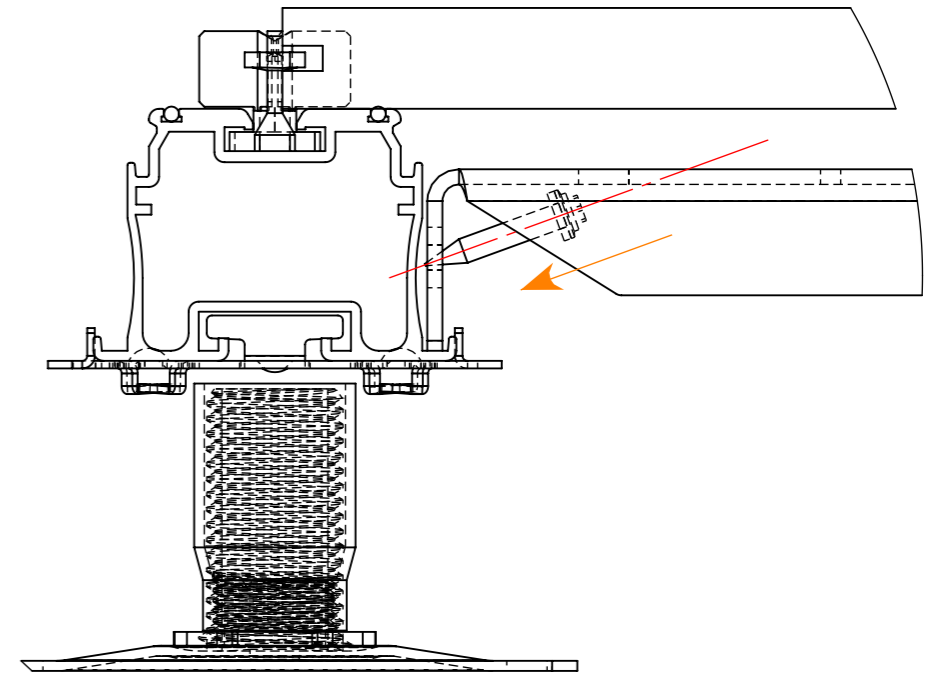
NB: All floor structure panels are 3mm thick pre-galvanised sheet and 100% recyclable

Structa Furniture Panels

<i>DIMENSIONS</i>	<i>STRUCTA FLOOR PANEL SKU CODE</i>
540 x 540 x 48	321001
540 x 540 x 28	321002
540 x 440 x 48	321003
540 x 440 x 28	321004
540 x 390 x 48	321005
540 x 390 x 28	321006
540 x 240 x 48	321007
540 x 240 x 28	321008



Detail showing how the floor panel locates to the 30mm joist

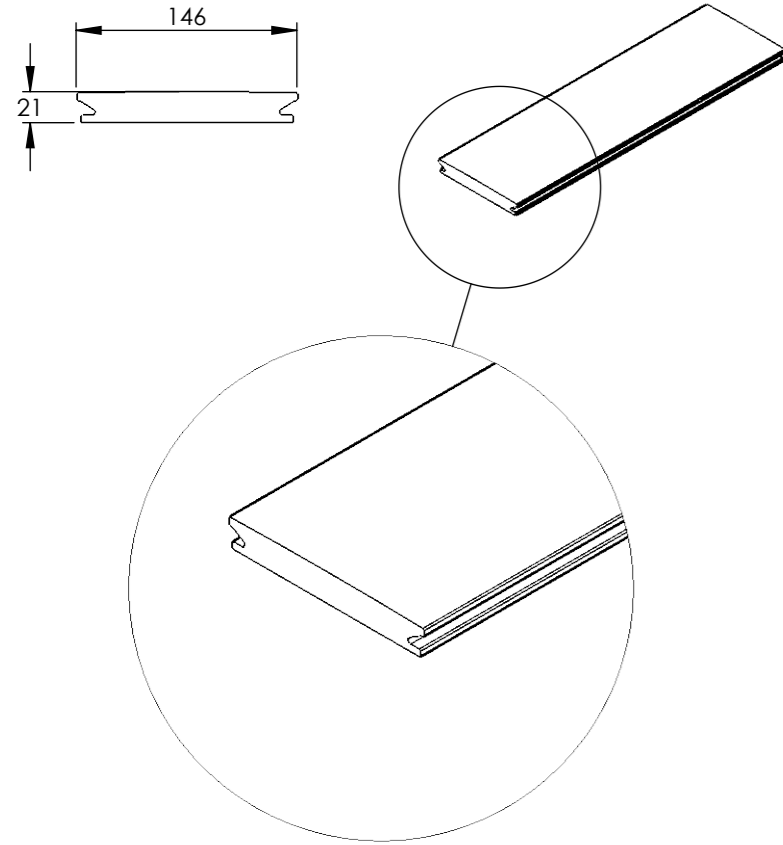


Detail to show the location of the screw through the furniture structure panel, and into the 50mm joist

NB: All floor structure panels are 3mm thick pre-galvanised sheet and 100% recyclable

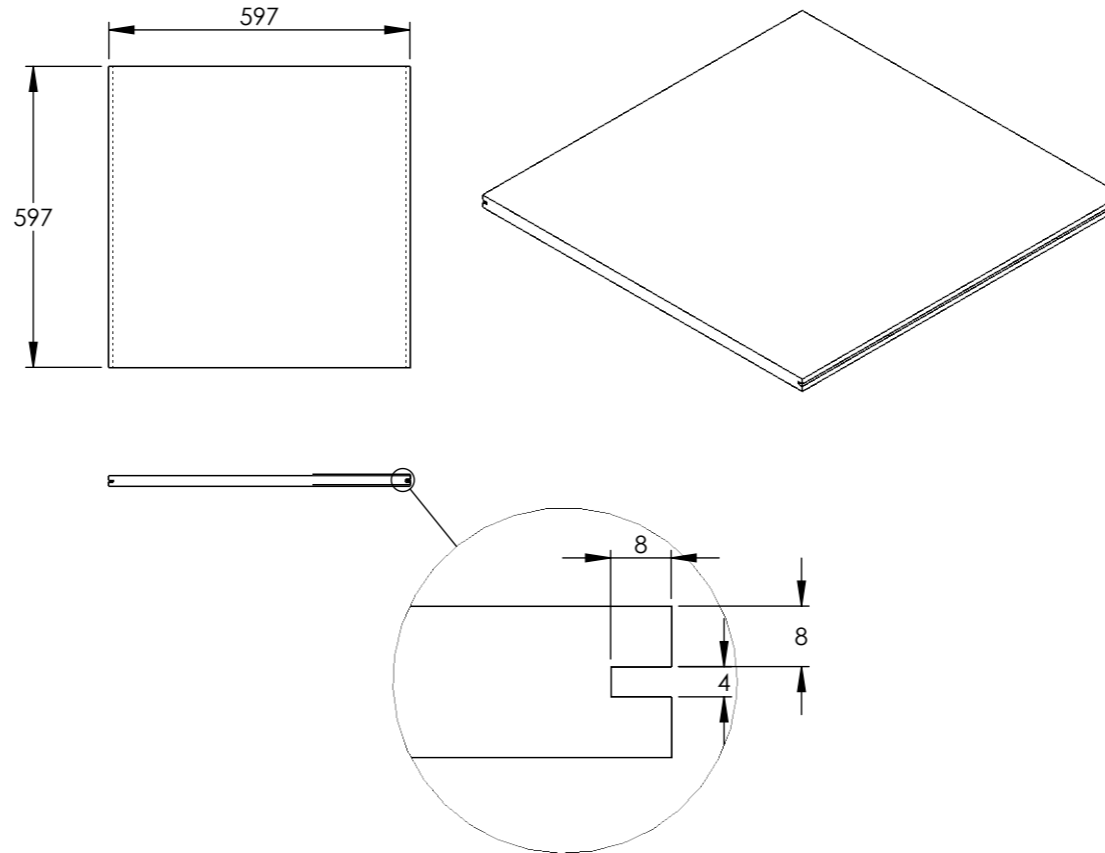
Flooring Sizes

Terrafina Decking



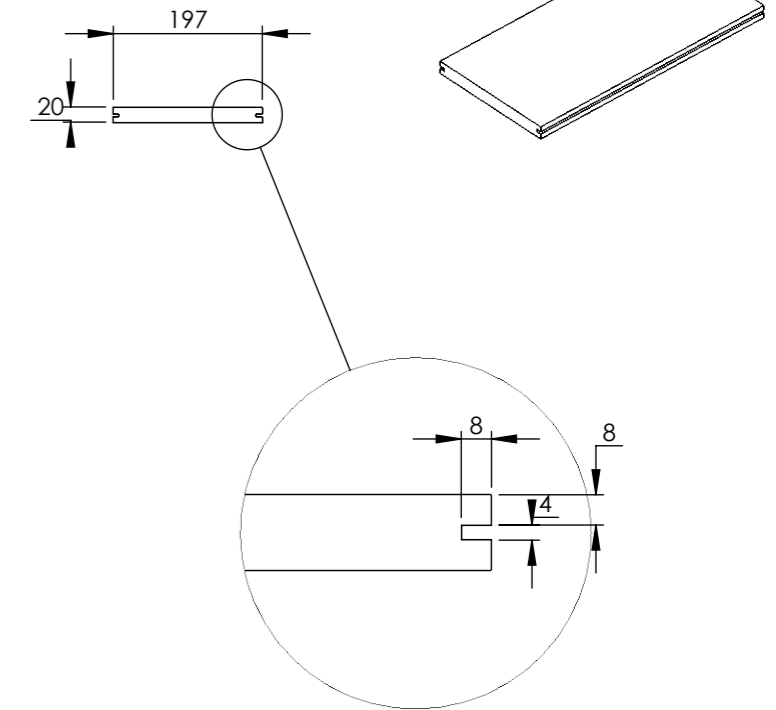
LENGTH	WIDTH	THICKNESS
4000	146	21
4500	146	21
5000	146	21
5500	146	21
6000	146	21

Atria Tile



LENGTH	WIDTH	THICKNESS
300 (297)	600 (596)	20
300 (297)	1200 (1194)	20
450 (446)	900 (895)	20
600 (596)	600 (596)	20
600 (596)	900 (895)	20
600 (596)	1200 (1194)	20
800 (796)	800 (796)	20
900 (895)	900 (895)	20
1200 (1194)	1200 (1194)	20
1200 (1194)	2400 (2390)	20

Farrino Decking



LENGTH	WIDTH	THICKNESS
1200	200 (197)	20

DATE: 18/01/2024 PAGE NUMBER: 14 SHEET SIZE: A3

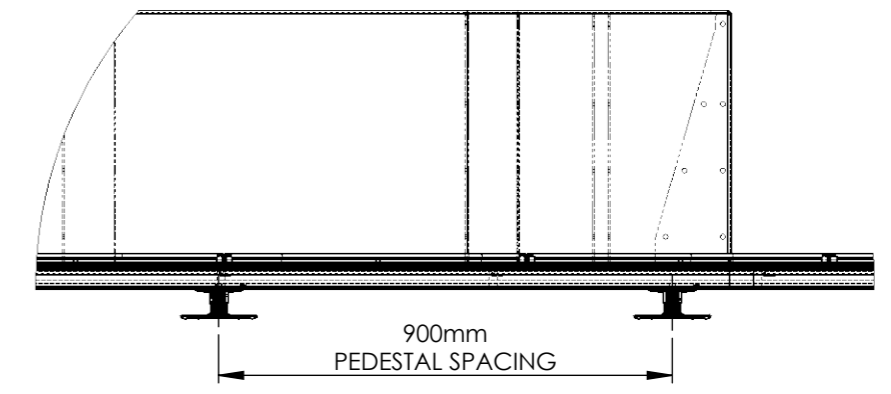
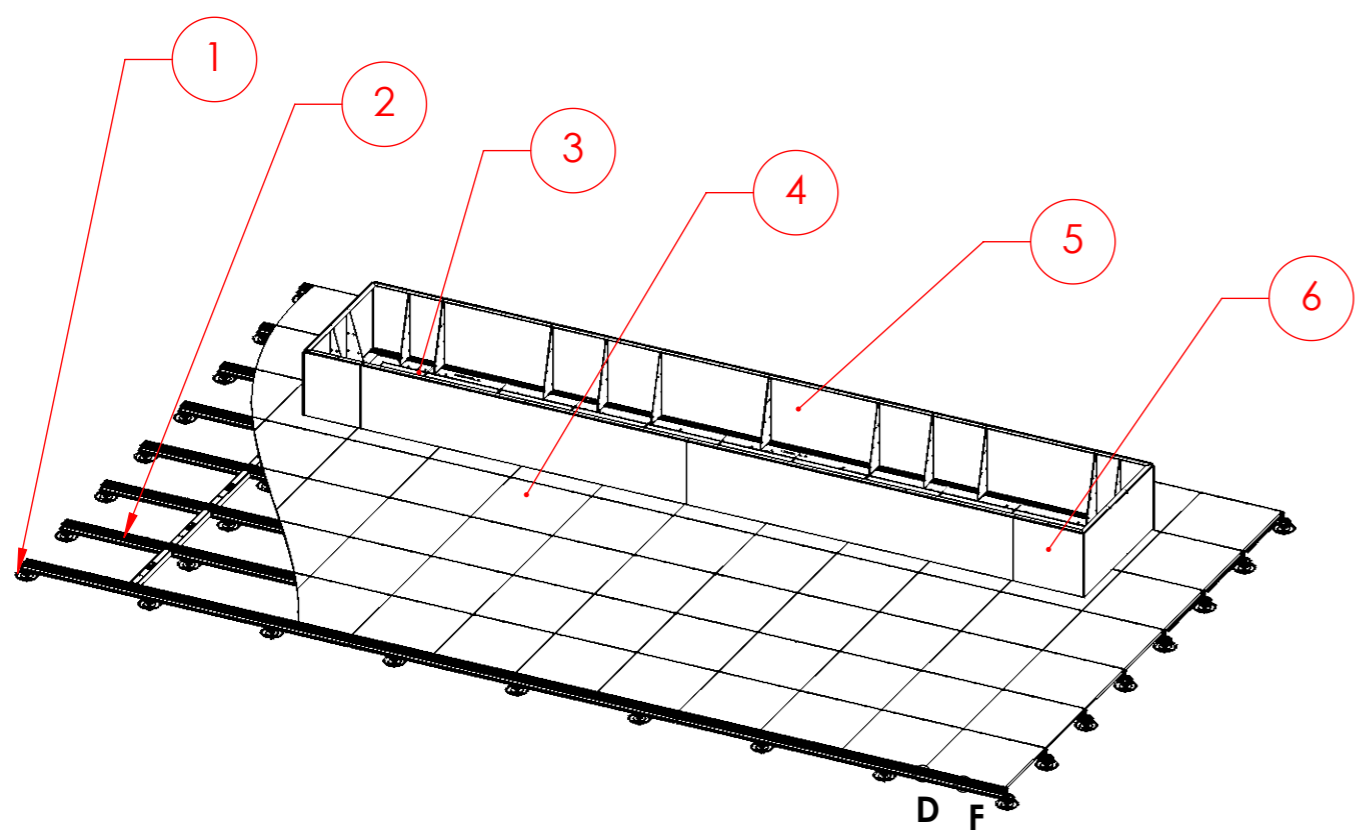
DRAWING TITLE:
Flooring Sizes

117-121 St. John Street
Clerkenwell
London
EC1V 4JA
Tel: +44 (0)20 3146 7879
Email: technical@raaft.co.uk

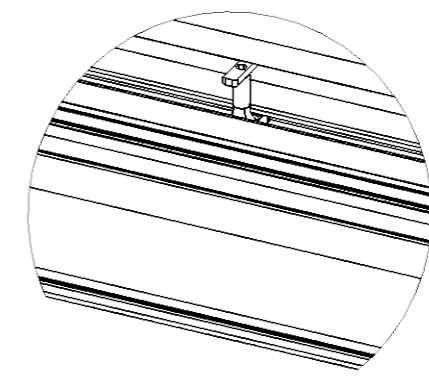
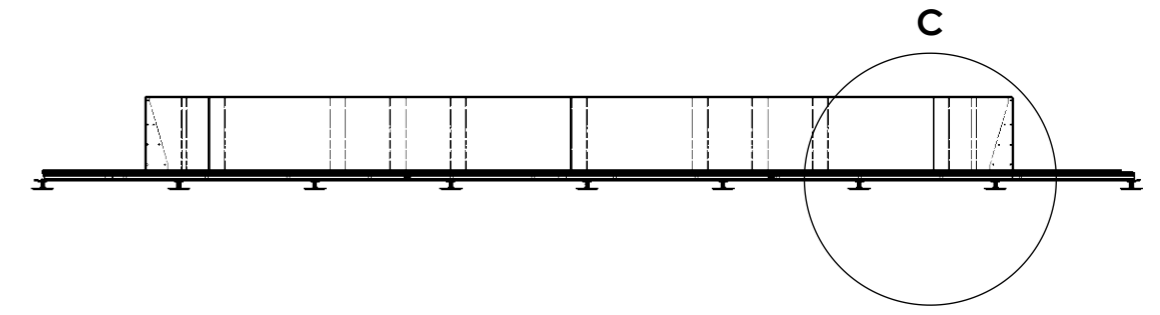


Typical Atria Layout

NO.	DESCRIPTION
1	METAL PEDESTAL WITH JOIST TO PEDESTAL CONNECTOR
2	50mm JOIST
3	548 x 548 x 28mm FLOOR STRUCTURE PANEL
4	ATRIA TILES
5	PLANTERLINE STRAIGHT SECTION
6	PLANTERLINE U SECTION

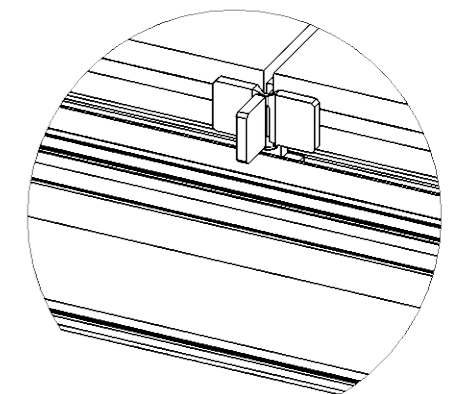


DETAIL C
SCALE 1 : 15



Detail F


Illustration showing a Wind Uplift clip in a joist, holding down a tile.



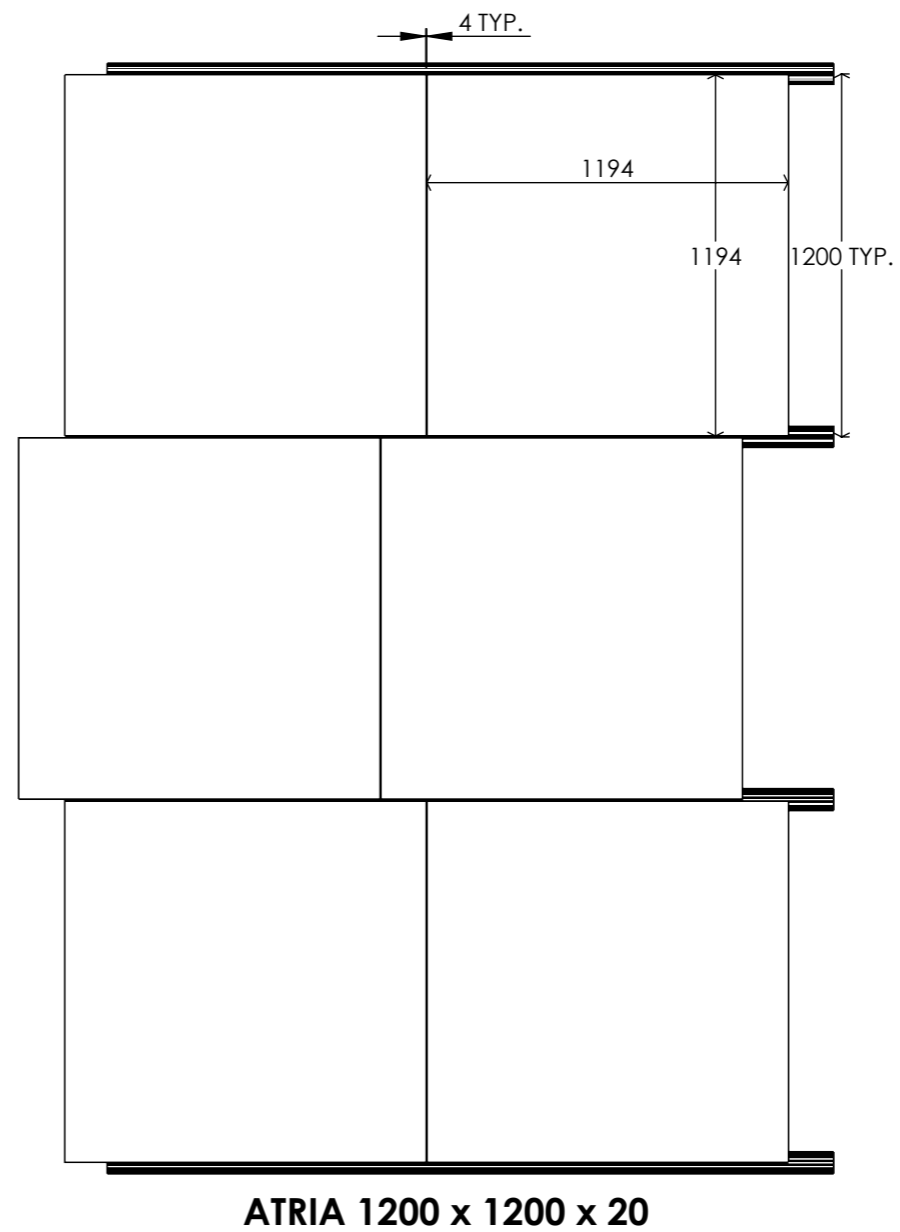
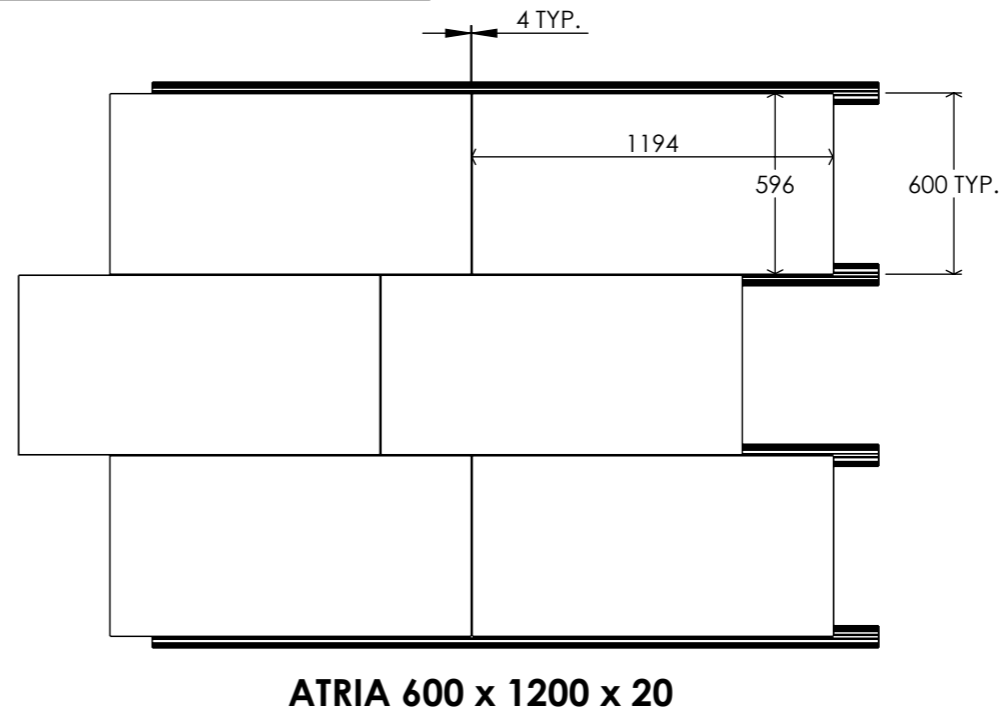
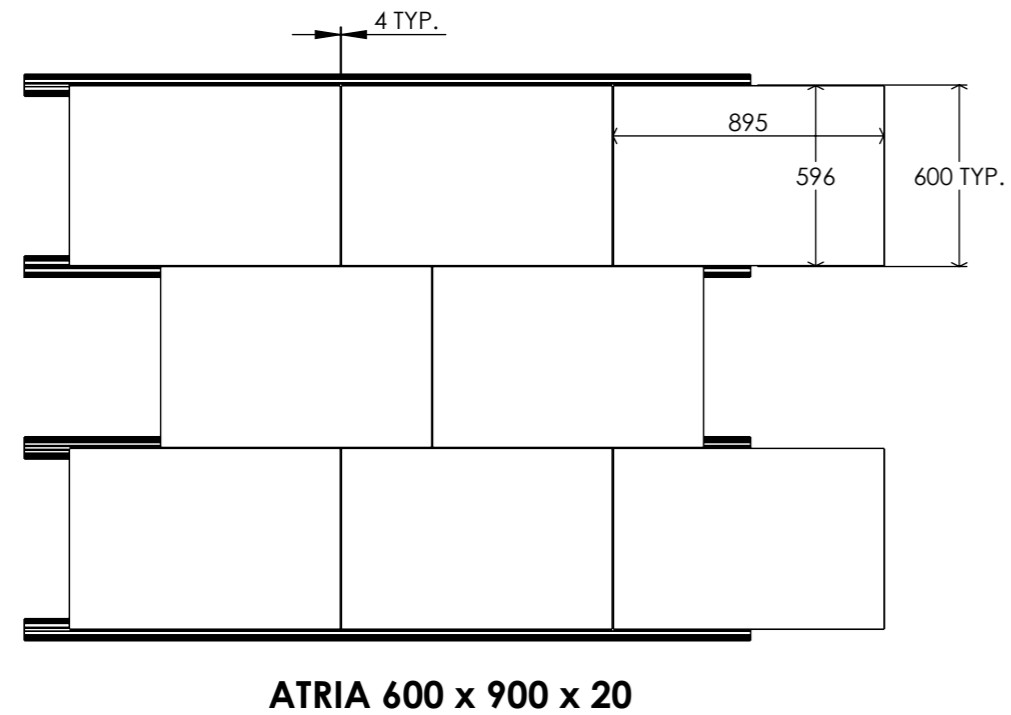
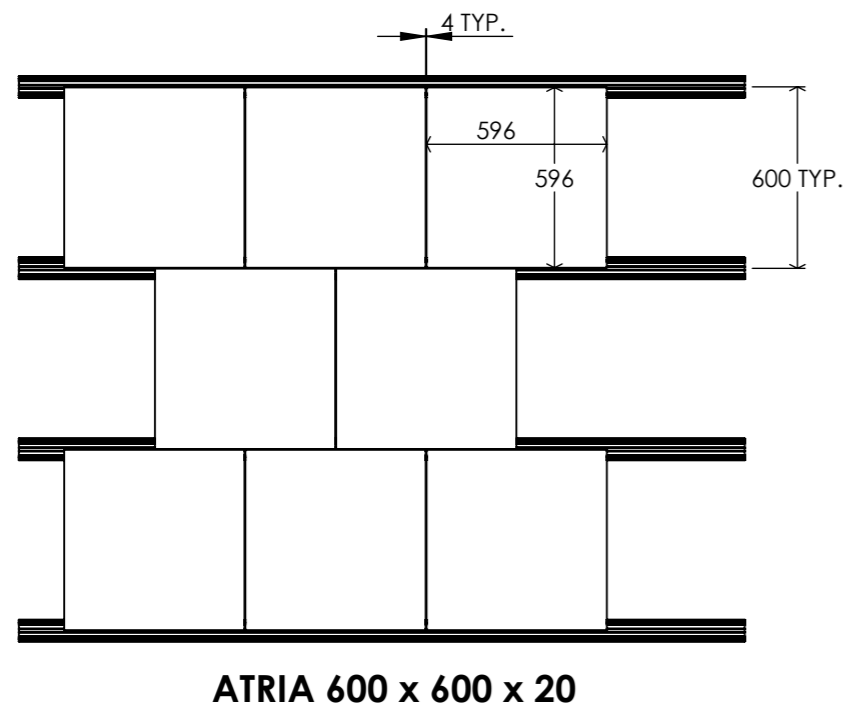
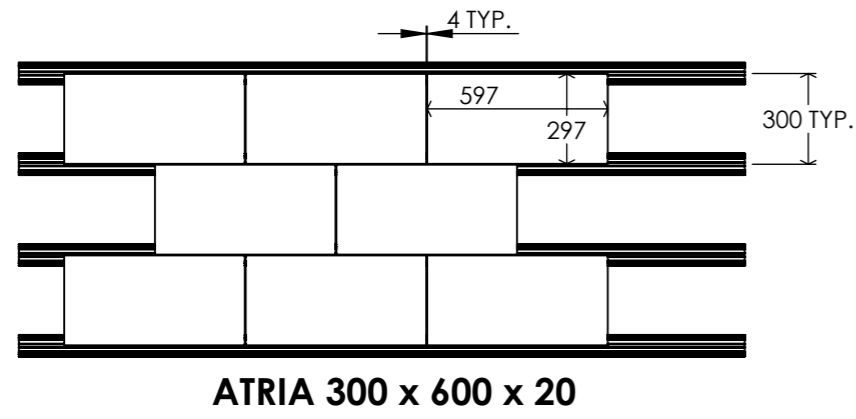
DETAIL D

Illustration of a tile spacer

DATE: 11/01/2024	PAGE NUMBER: 15	SHEET SIZE: A3
DRAWING TITLE: Typical Atria Layout		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		



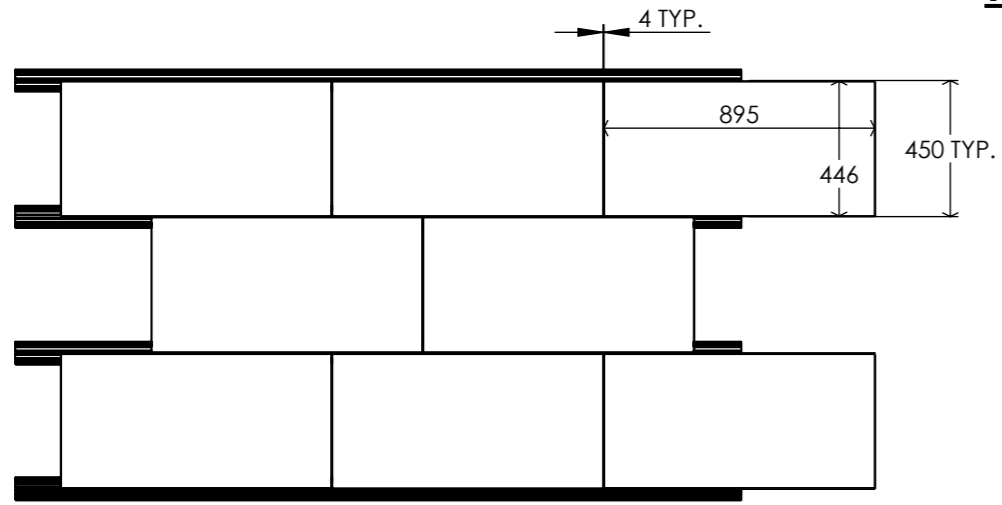
TYPICAL ATRIA DECKING LAYOUTS PART 1



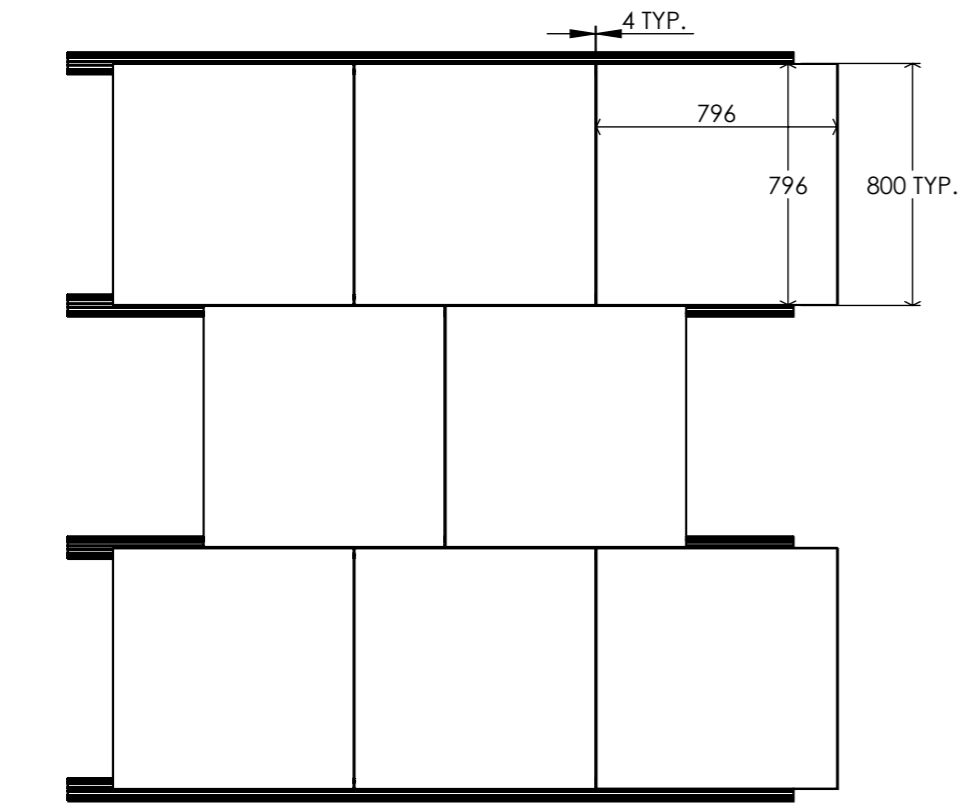
DATE: 11/01/2024	PAGE NUMBER: 16	SHEET SIZE: A3
DRAWING TITLE: Typical Atria Layout		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		



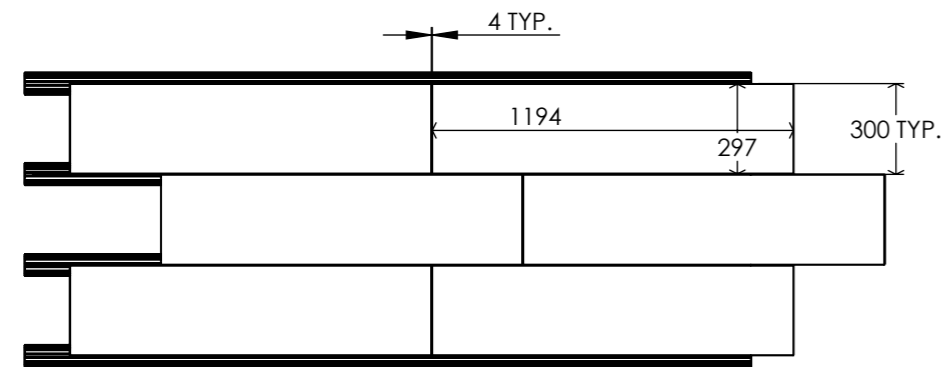
TYPICAL ATRIA DECKING LAYOUTS PART 2



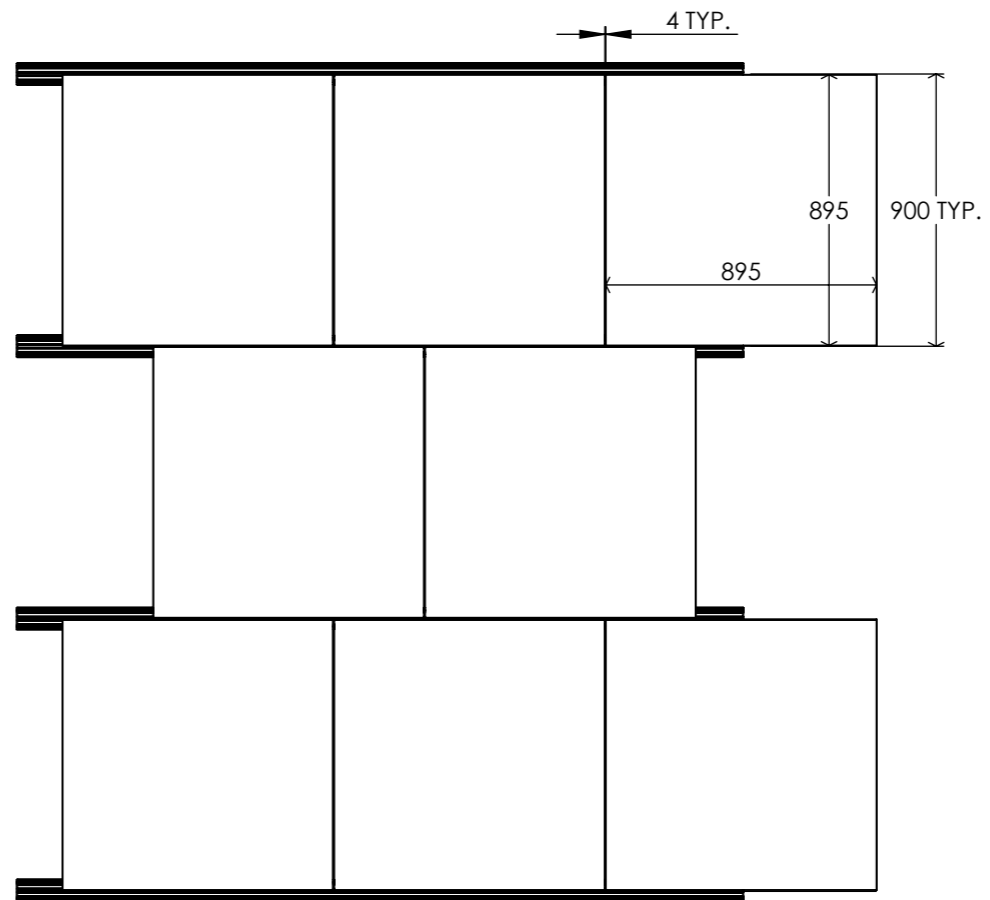
ATRIA 450 x 900 x 20



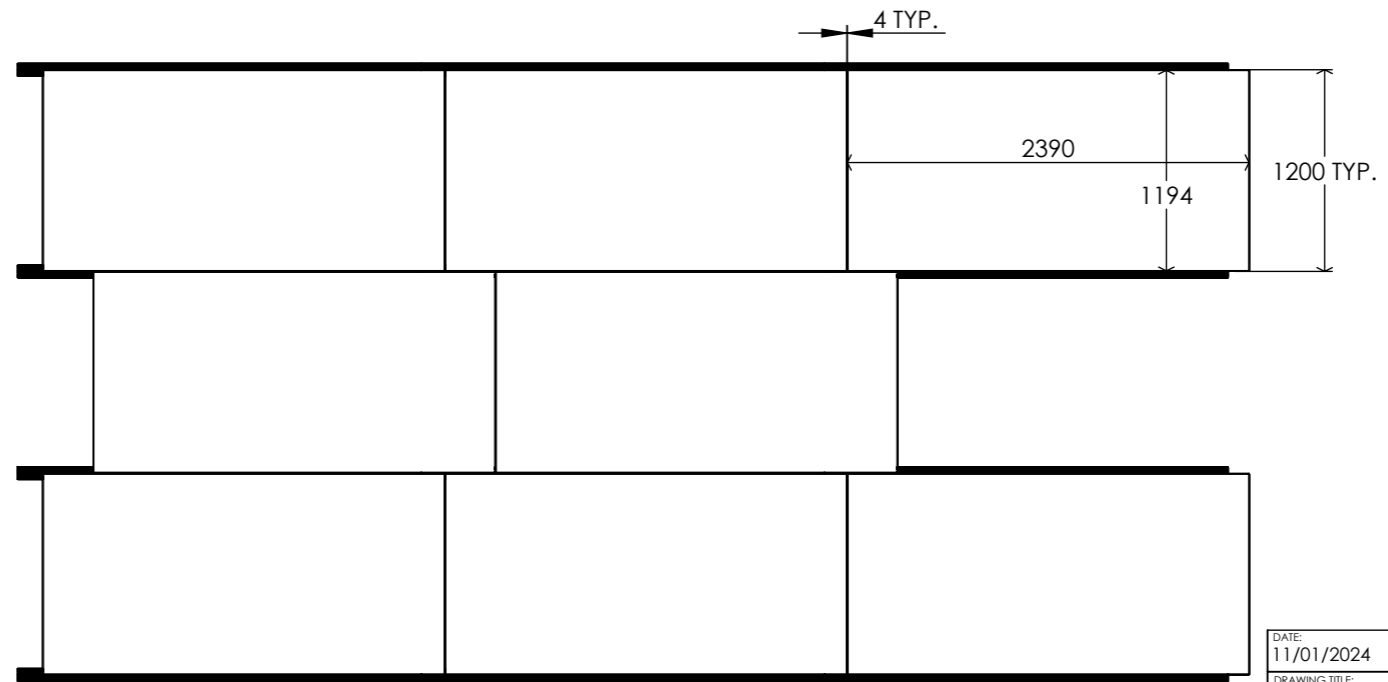
ATRIA 800 x 800 x 20



ATRIA 300 x 1200 x 20



ATRIA 900 x 900 x 20



ATRIA 1200 x 2400 x 20

DATE: 11/01/2024 PAGE NUMBER: 17 SHEET SIZE: A3

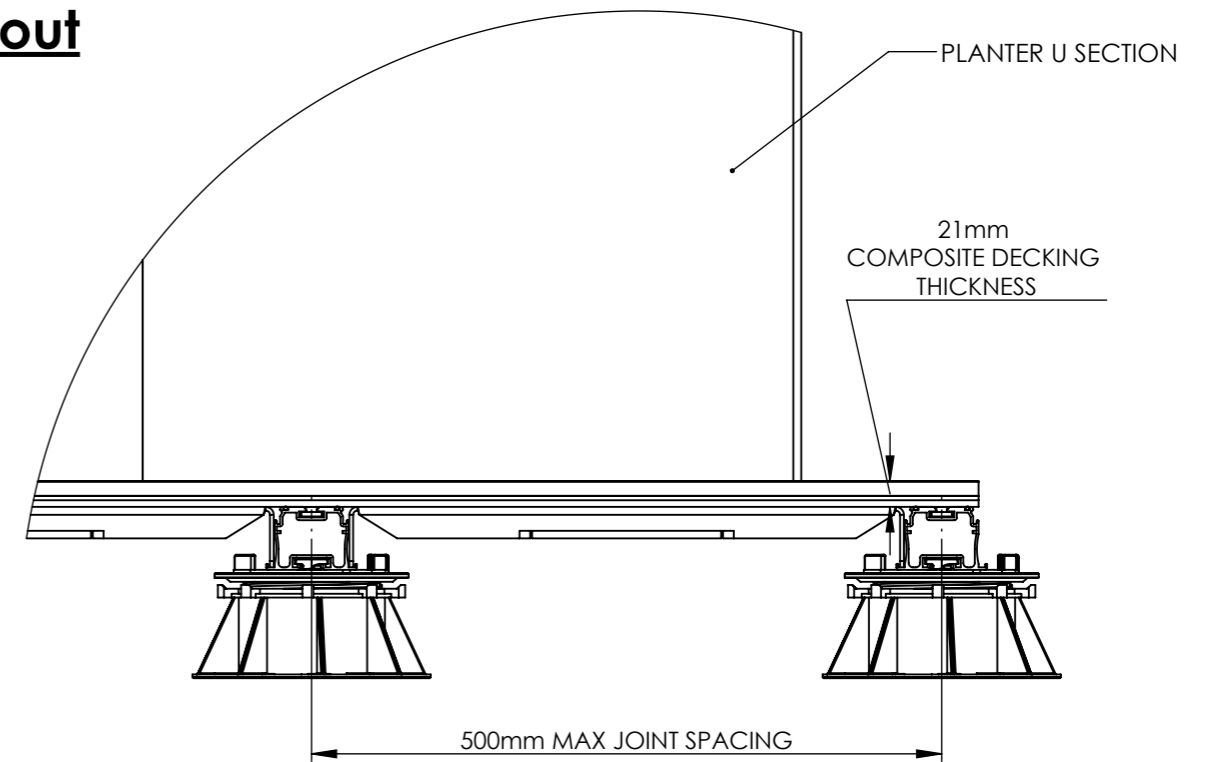
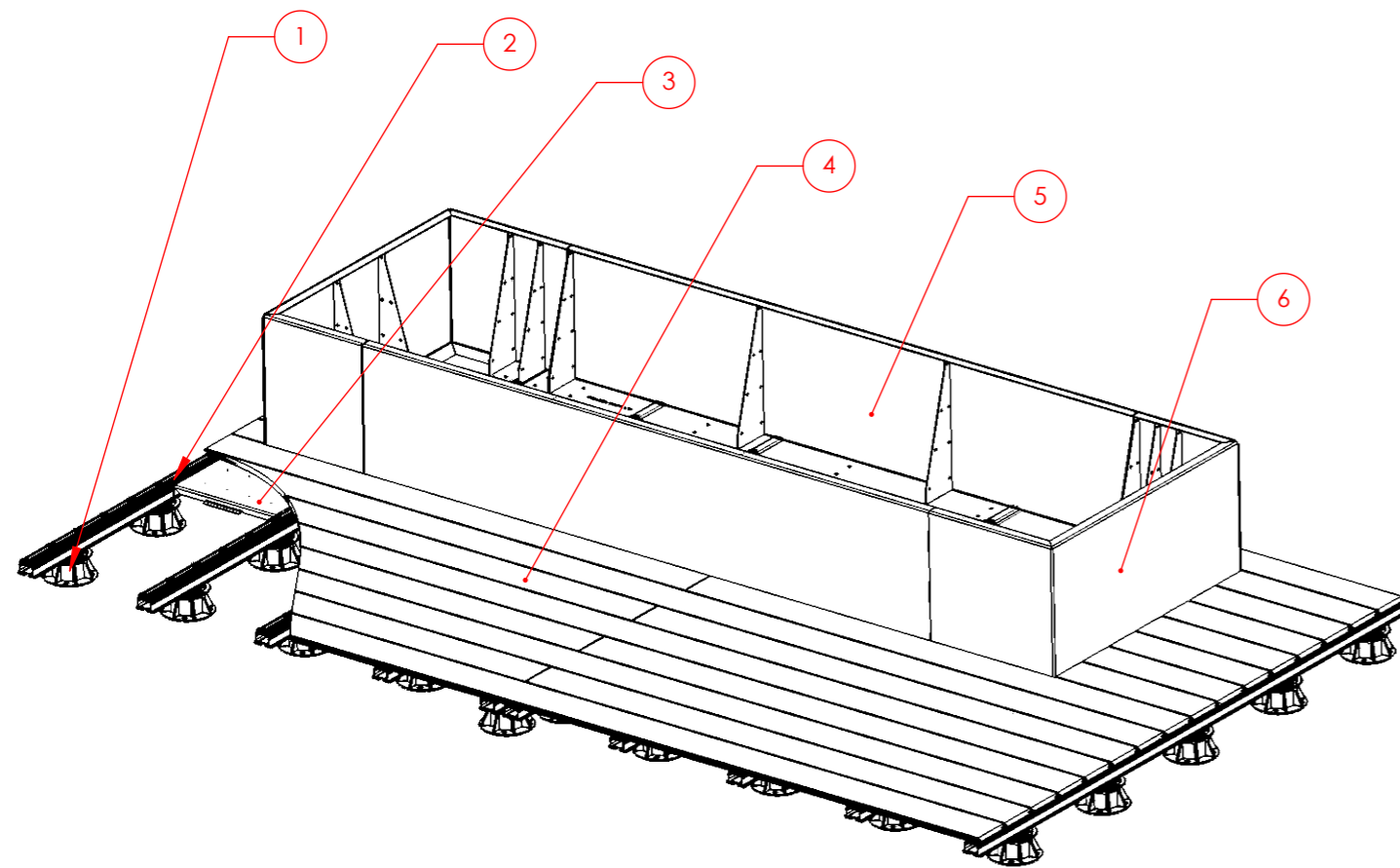
DRAWING TITLE: Typical Atria Tile Layouts Pt 2

117-121 St. John Street
Clerkenwell
London
EC1V 4JA
Tel: +44 (0)20 3146 7879
Email: technical@raaft.co.uk

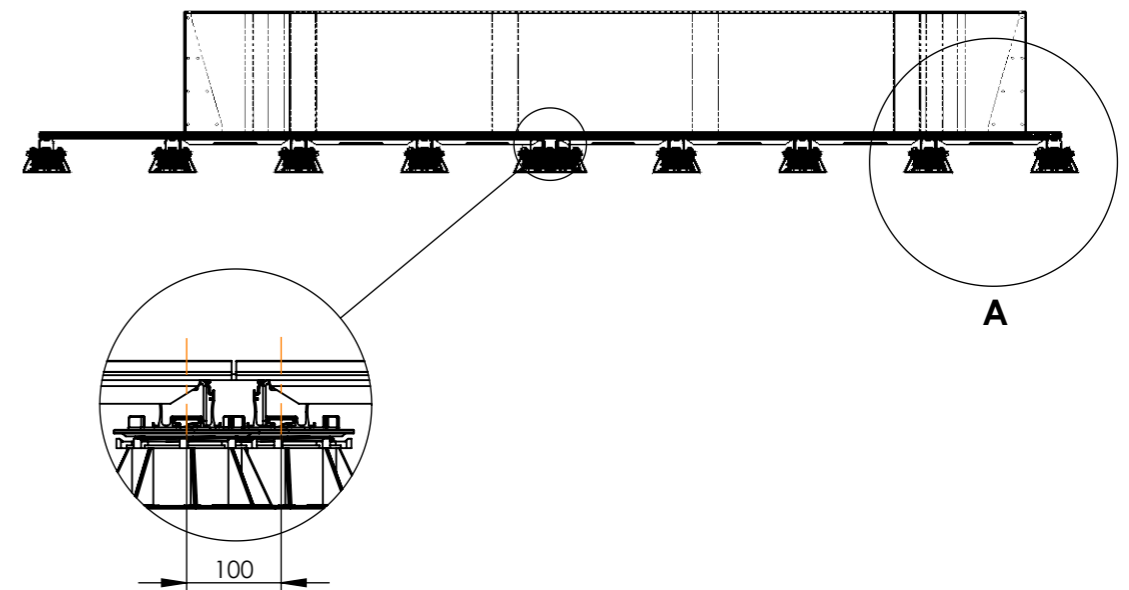


Typical Terrafina Layout

Item No.	DESCRIPTION
1	PLASTIC PEDESTAL WITH JOIST TO PEDESTAL CONNECTOR
2	50mm JOIST
3	540 x 440 x 48mm FLOOR STRUCTURE PANEL
4	TERRAFINA DECKING
5	PLANTERLINE STRAIGHT SECTION
6	PLANTERLINE U SECTION



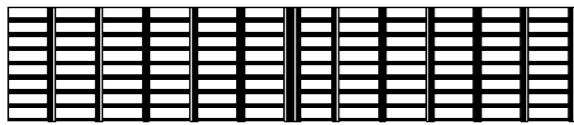
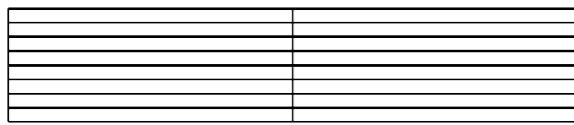
**DETAIL A:
Typical Terrafina Buildup**



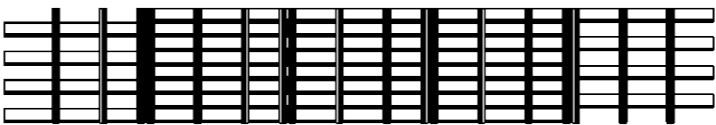
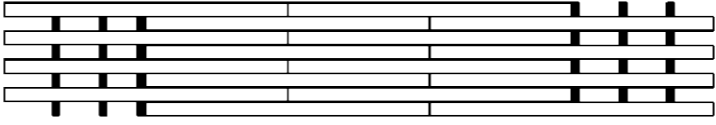
DETAIL B

**Illustration of 100mm maximum gap
between joists where decking meets.
(Peds staggered to avoid
collision)**

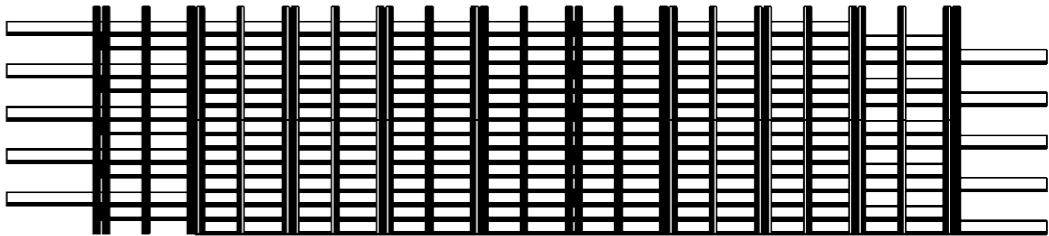
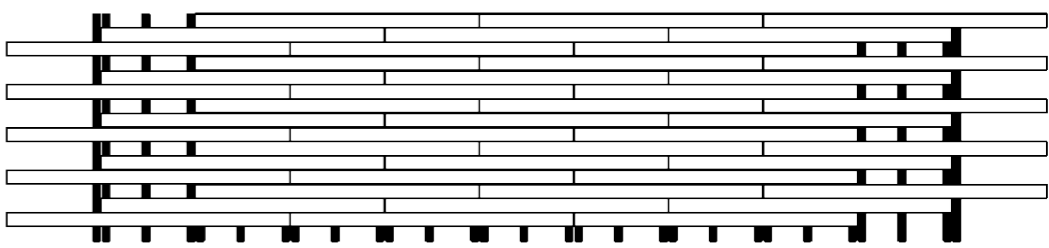
Terrafina Tile layouts



Straight



1/2 Offset

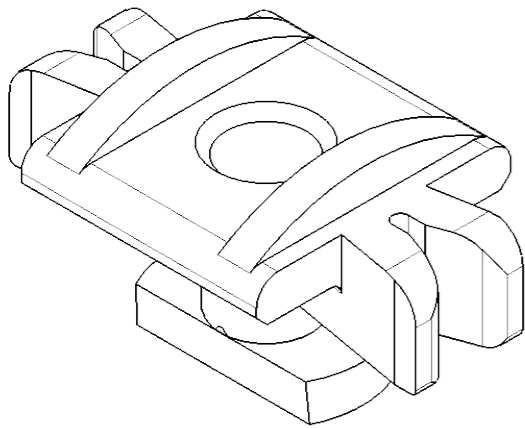
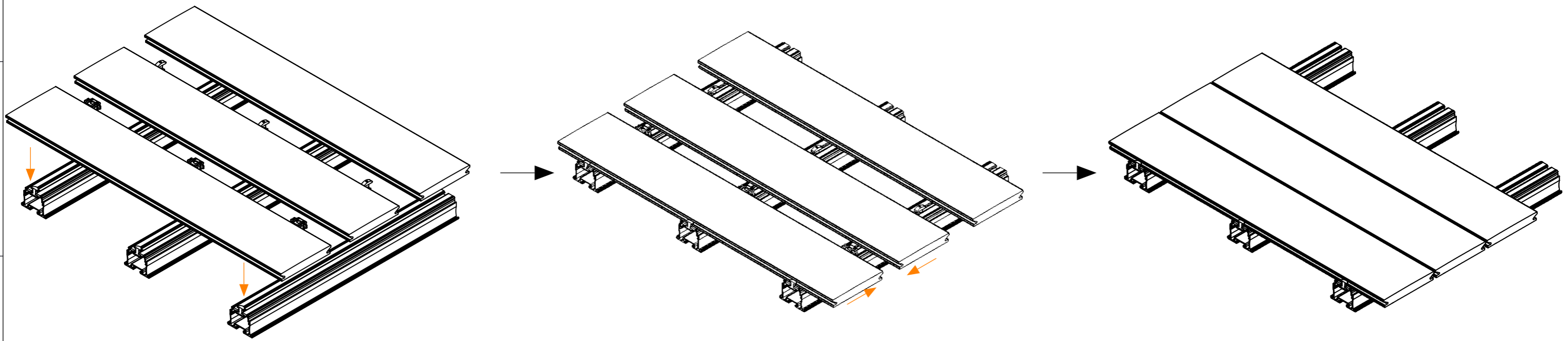


1/3 Offset

All Terrafina Tiles are available in
the following dimentions:
Width : 146mm
Length : 3, 4, 5 or 6m lengths
Height : 20mm

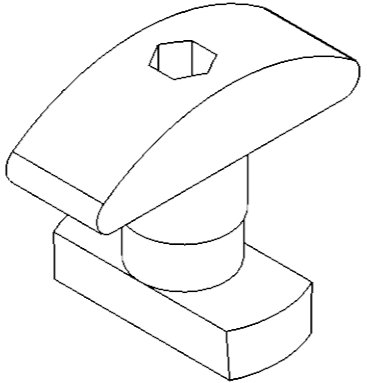
DATE: 11/01/24	PAGE NUMBER: 19	SHEET SIZE: A3
Drawing Title: Terrafina Title Layouts		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co		<p style="font-size: small;">A Kinley Group company Kinley</p>

Terrafina Joist Clips



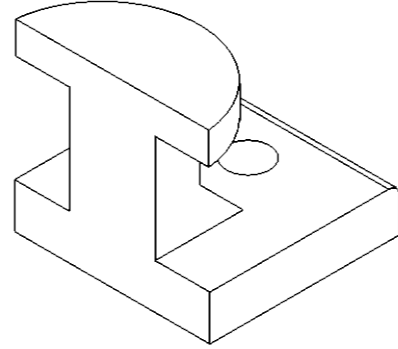
Mounting Clip

These will twist into the joist groove, holding down the terrafina boards.



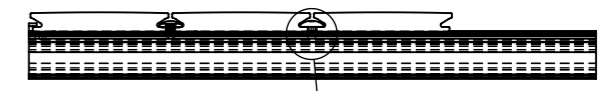
Access Clip

These are similar to a mounting clip, but for ease of removal.

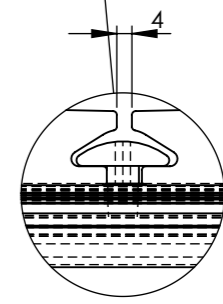


Starter Clip


These clips will be used at one end of the decking, to ensure stability and lack of movement.



PLAN VIEW

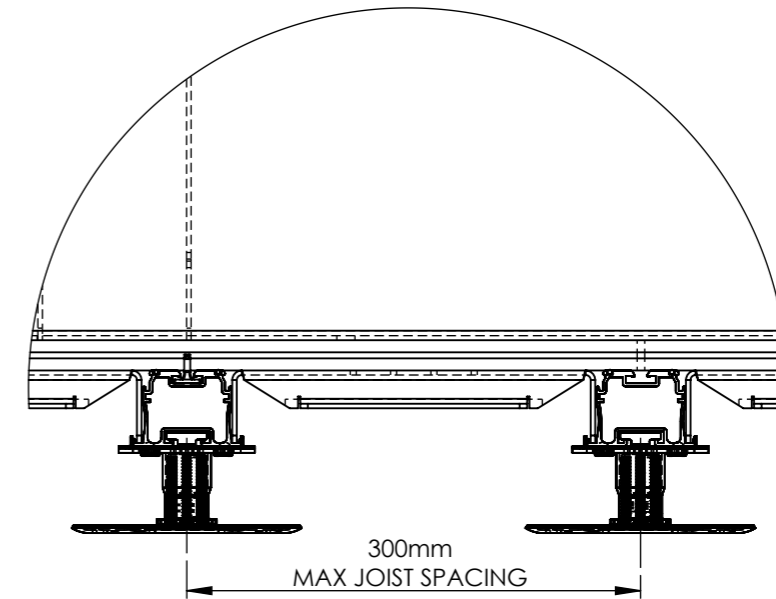
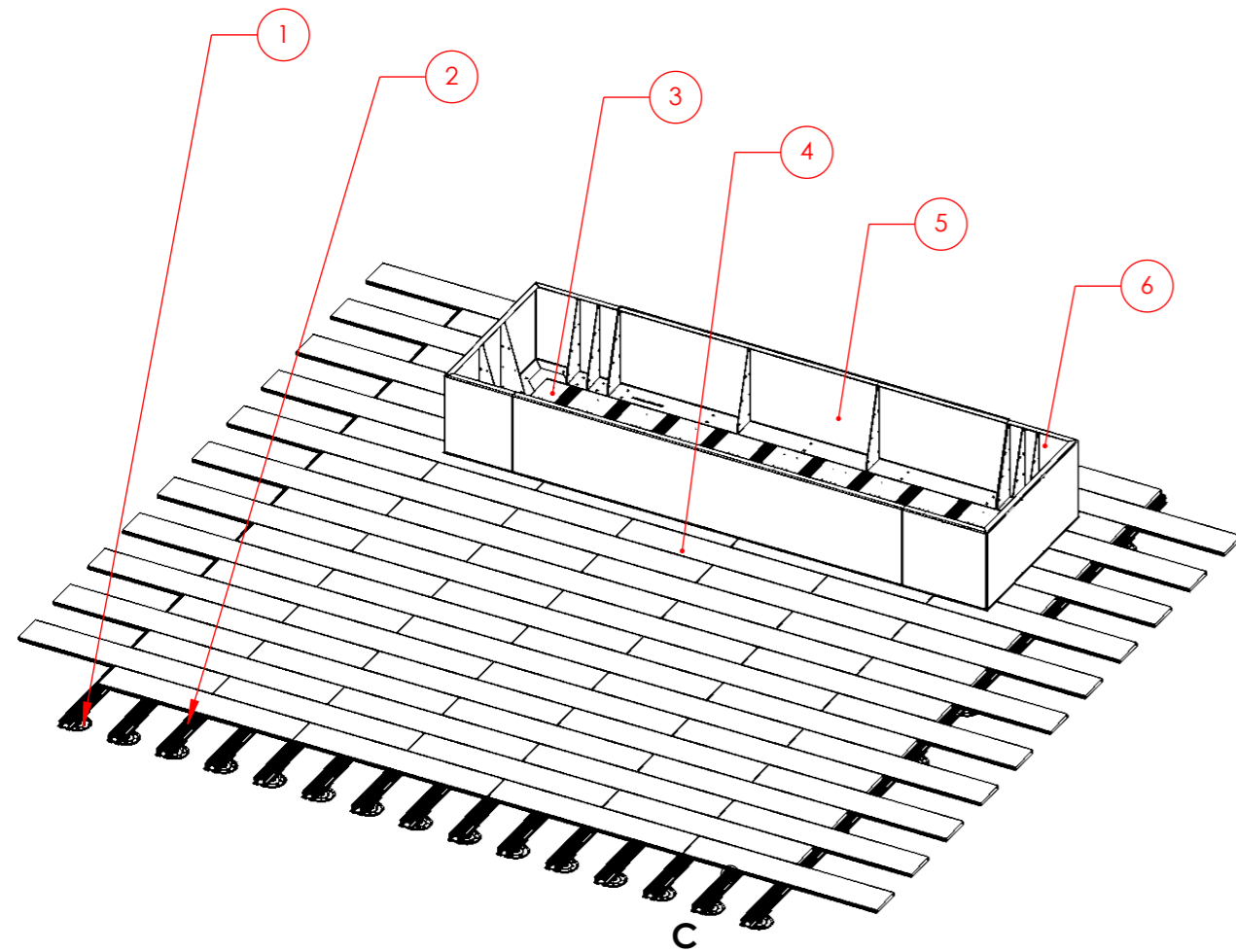


DETAIL C
Illustrates the gap between tiles using either of the terrafina clips
SCALE 1 : 2

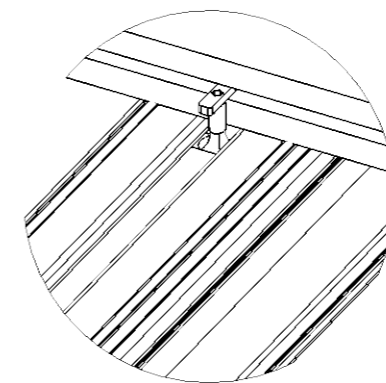
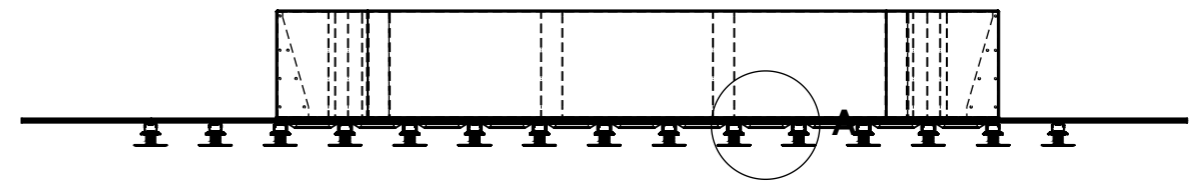
DATE: 18/01/24	PAGE NUMBER: 20	SHEET SIZE A3
Drawing Title: Terrafina Joist Clips		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co		 A Kinley Group company Kinley

Typical Farrino Layout


NO.	DESCRIPTION
1	METAL PEDESTAL WITH JOIST TO PEDESTAL CONNECTOR
2	50mm JOIST
3	548 x 248 x 28mm FLOOR STRUCTURE PANEL
4	FARRINO TILES
5	PLANTERLINE STRAIGHT SECTION
6	PLANTERLINE U SECTION



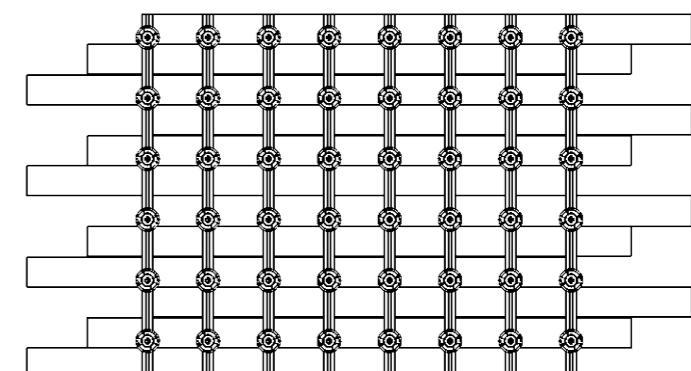
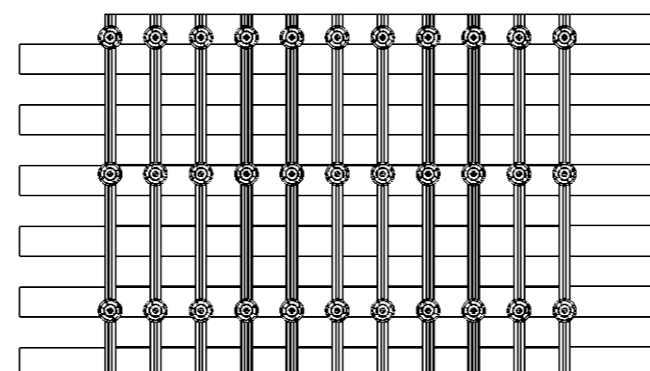
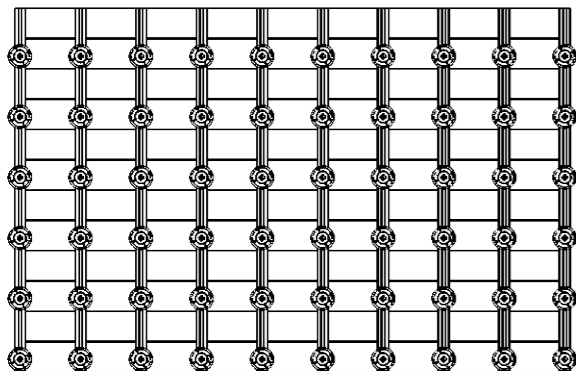
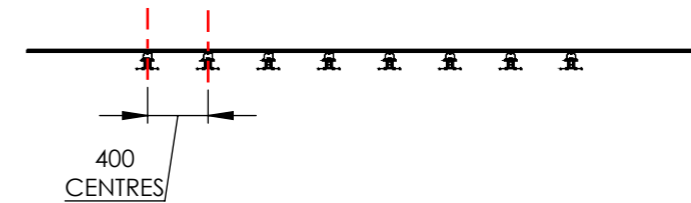
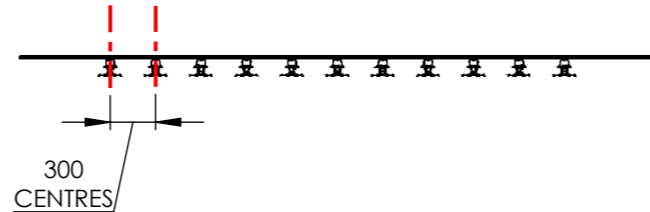
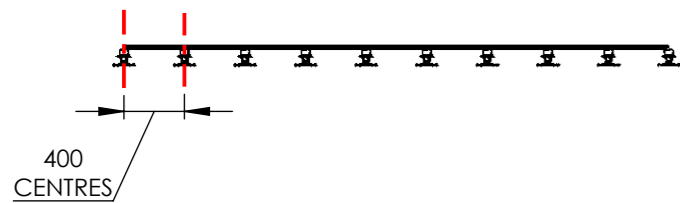
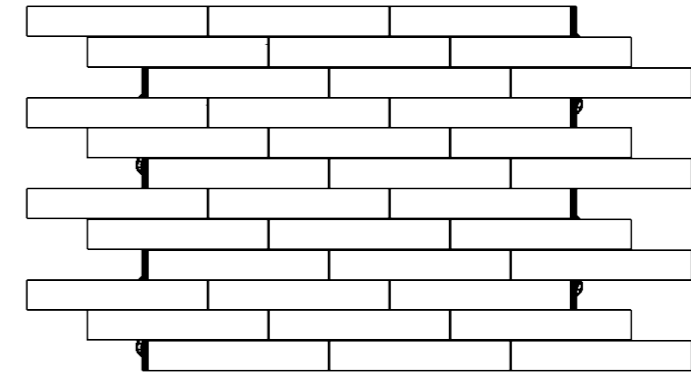
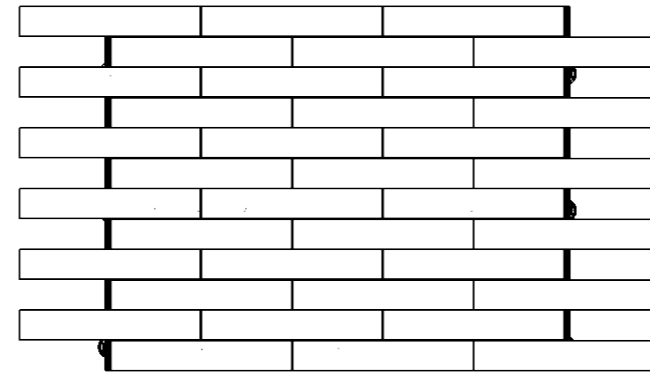
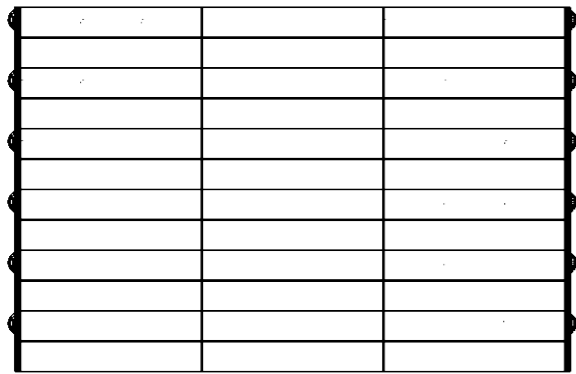
DETAIL A
SCALE 1 : 5



DETAIL C
Wind Uplift Clip
illustration

DATE: 11/01/24	PAGE NUMBER: 21	SHEET SIZE: A3
Drawing Title: Typical Farrino Layout		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co		
		 A Kinley Group company Kinley

Farrino Tile Layouts



Straight

1/2 - Offset

1/3 - Offset

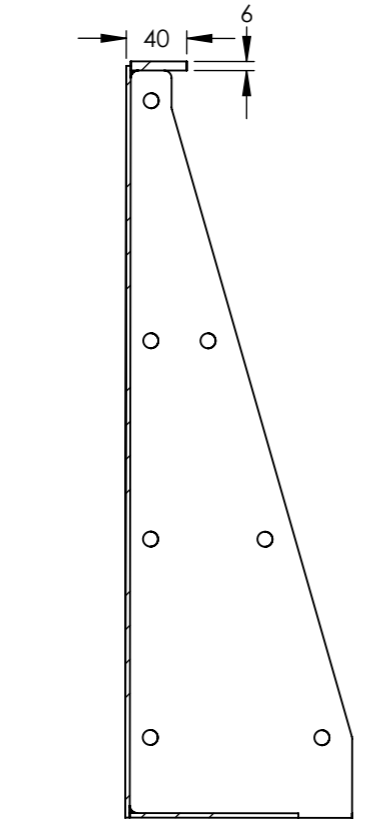
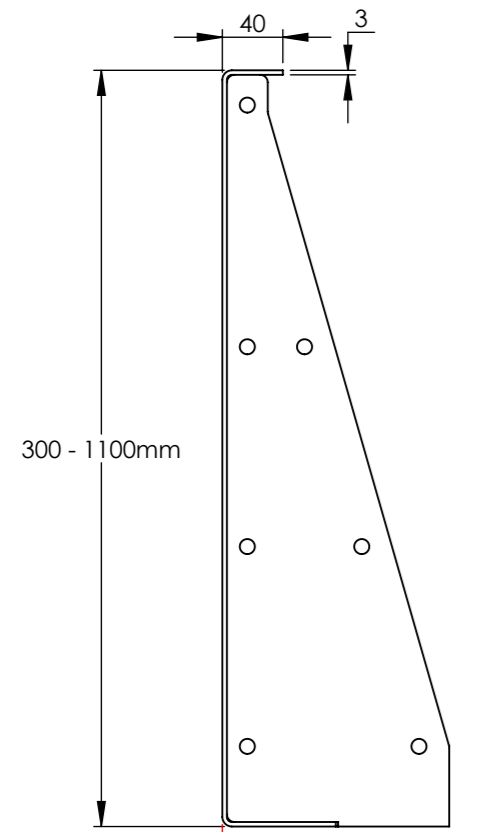
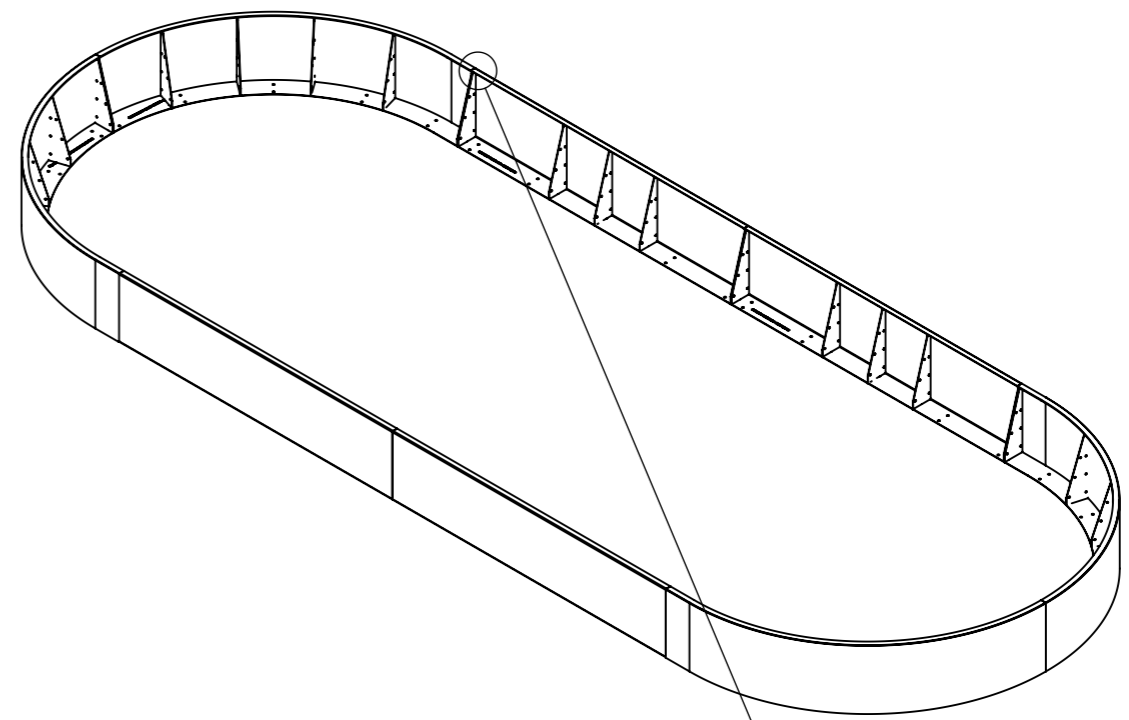
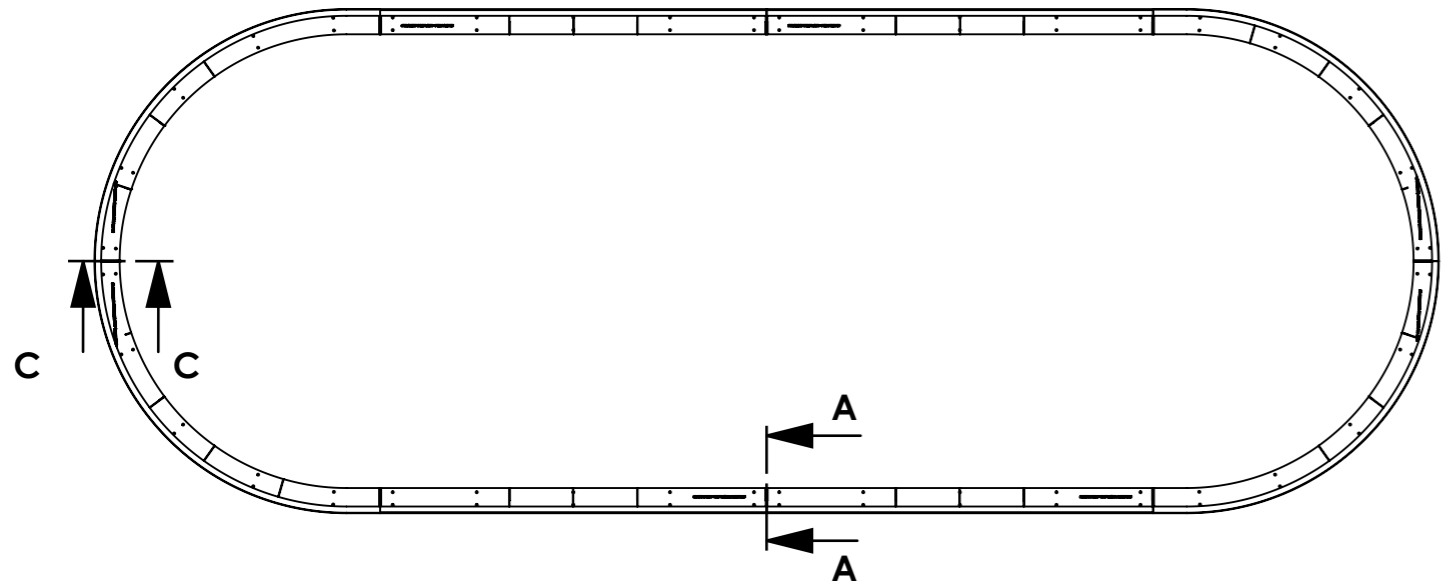
All Farrino Tiles only come in the following standard dimentions:

TILE	LENGTH	WIDTH	HEIGHT	NOTES
1	1200	200	20	
2	1600	300	20	THIS SIZE OF TILE IS EXCLUSIVE TO MONZA

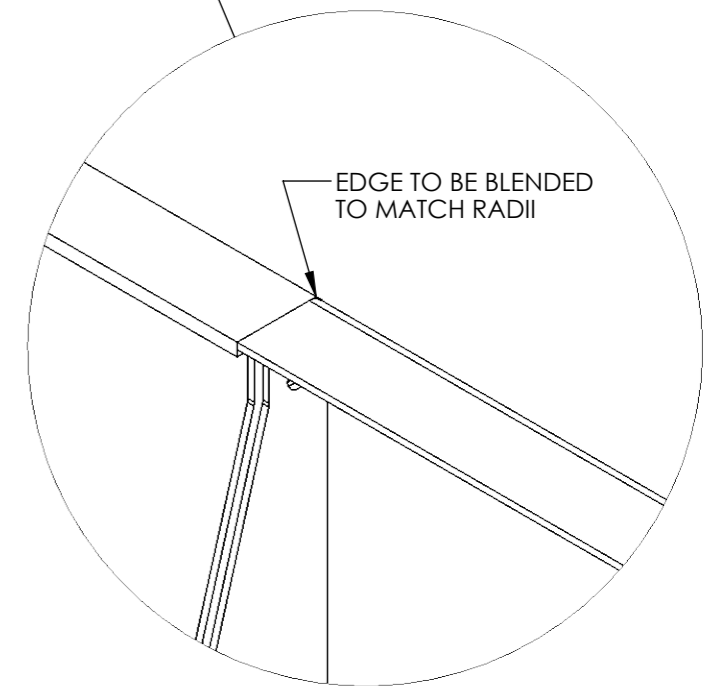
DATE:	PAGE NUMBER:	SHEET SIZE:
11/01/24	22	A3
Drawing Title:		
Farrino Decking Layouts		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co		 RAAFT <small>A Kinley Group company Kinley</small>

Planterline Curved Example

PLANTERLINE CURVED - THE PURPOSE OF THIS PRODUCT IS FOR CURVED PLANTERS ONLY.
FOR STRAIGHT PLANTERS REFFER TO PAGES 25 & 26



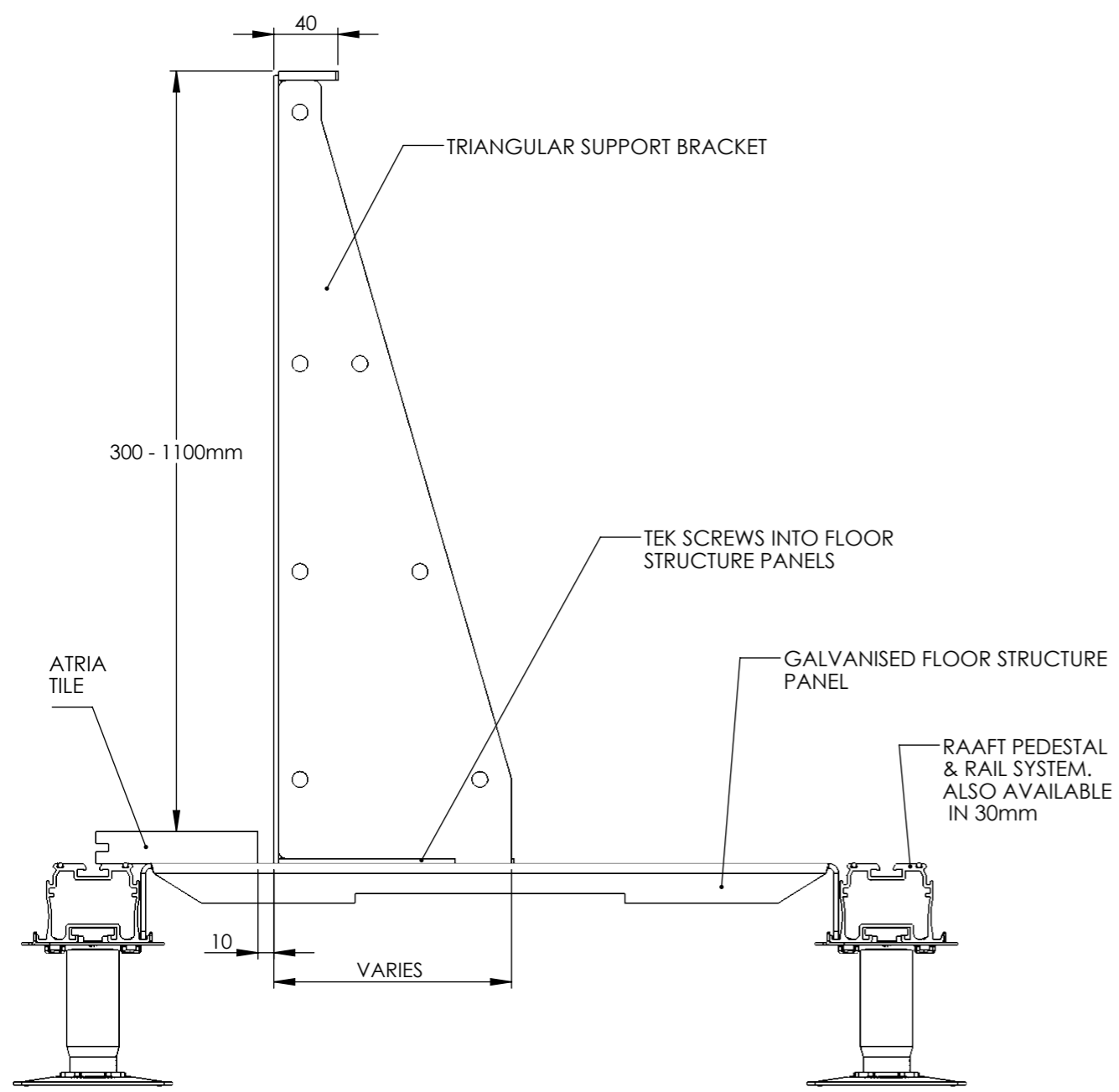
*PLANTER OPTIMISATIONS	
PLANTER HEIGHTS	PLANTER BASE
300	100
400	100
500	100
600	100
700	200
800	200
900	200
1000	250
1100	250



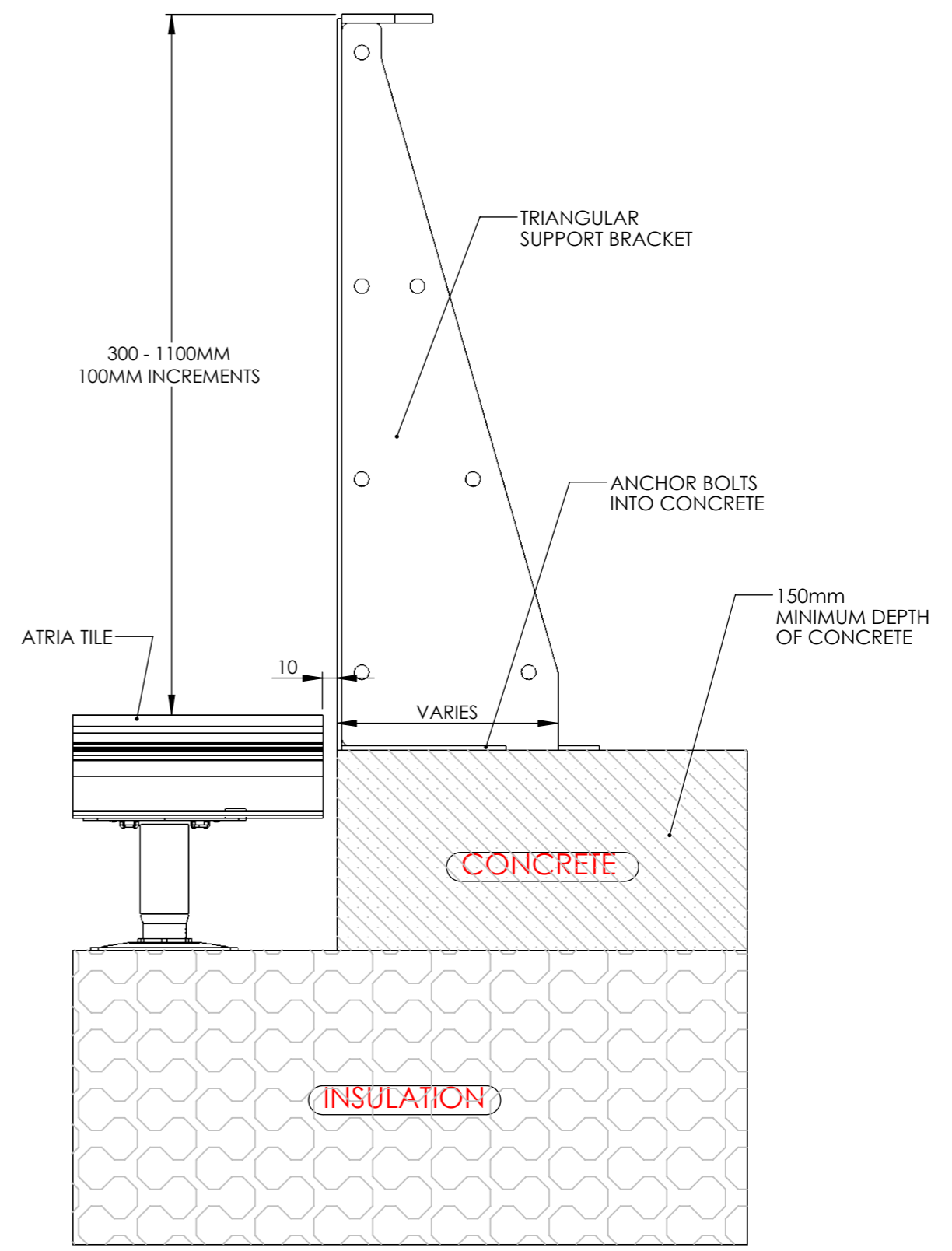
DETAIL B
SCALE 2 : 5

DATE: 11/01/2024	PAGE NUMBER: 23	SHEET SIZE: A3:
DRAWING TITLE: Planterline Curved Example		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		

Planterline Curve planter details




**TYPICAL PLANTERLINE CURVE ON TO PEDESTALS & ROOF TRAYS
SCALE 1 : 4**

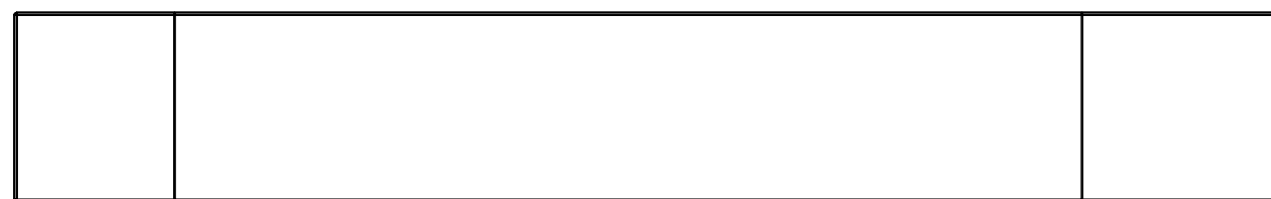
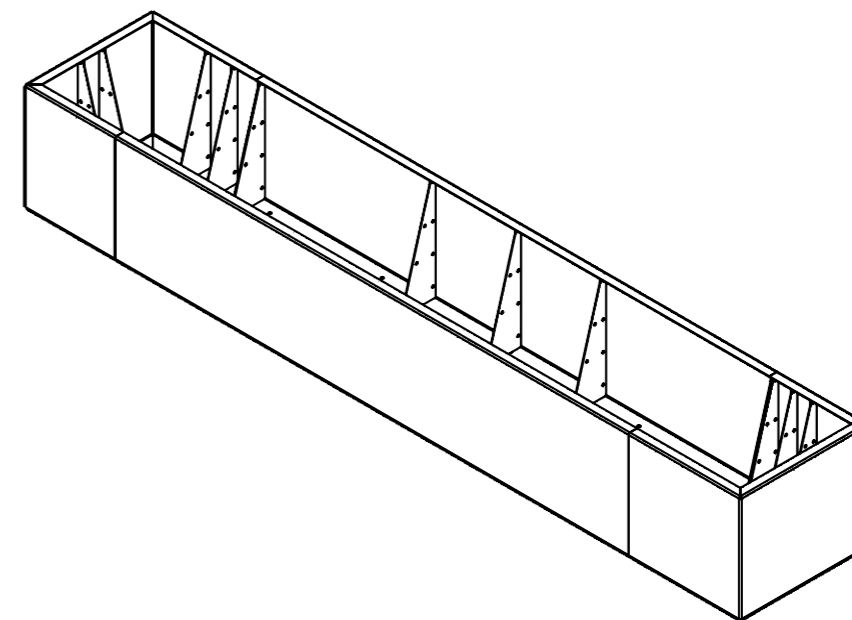
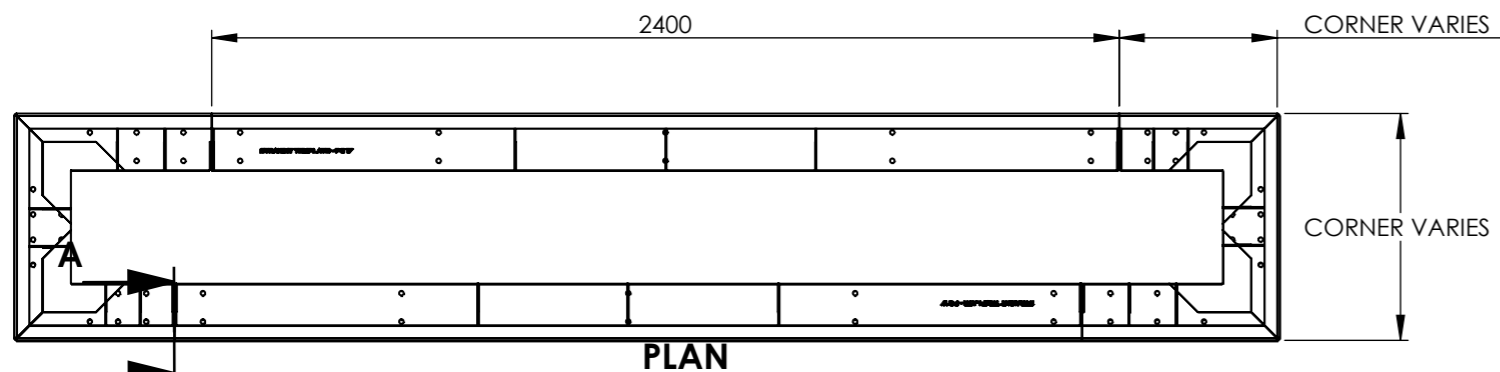


TYPICAL PLANTERLINE CURVE ONTO CONCRETE

DATE: 11/01/2024	PAGE NUMBER: 24	SHEET SIZE: A3
DRAWING TITLE: Planterline Curve Details		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		



Straight Planterline example



FRONT ELEVATION

NOTES:

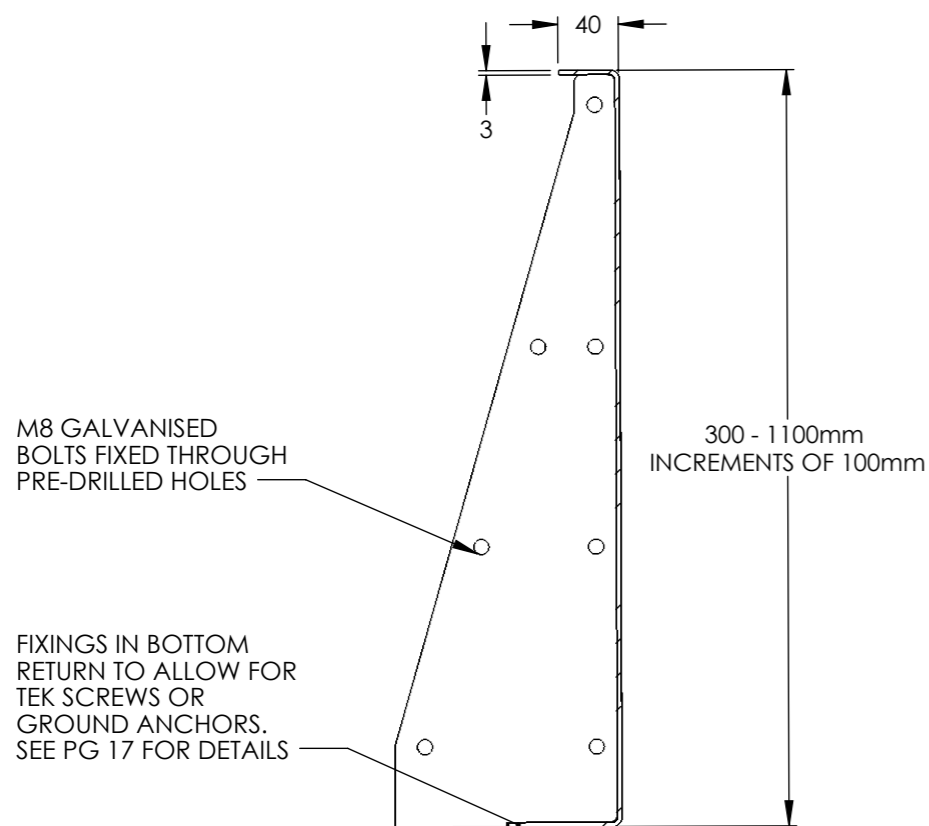
RAAFT RECOMMEND THE INTERNAL WALL OF THE STEEL PLANTERS ARE PROTECTED WITH A LIQUID APPLIED FLEXIBLE WATERPROOFING LAYER. ALL FIXINGS AND JOINTS SHOULD BE SEALED WITH A CLEAR, EXTERNALLY RATED SEALANT. IT IS RECOMMENDED THAT POLYSTYRENE IS INSTALLED AROUND THE INTERNAL PERIMETER OF THE PLANTER WALL TO ACT AS A THERMAL BREAK BETWEEN THE PLANTER WALL AND THE SOIL. THIS IS NOT SUPPLIED WITH THE SYSTEM.

RAAFT SUPPLY ALL FIXINGS REQUIRED TO CONNECT THE PANELS, BRACKETS AND TO FIX TO THE FLOOR STRUCTURE PANELS/CONCRETE FOUNDATIONS, WHICHEVER THE PROJECT REQUIRES, INCLUDING A SELF-ADHESIVE SEALING TAPE TO FIT BETWEEN PANEL JOISTS

FINISHES AVAILABLE:
 COR-TEN STEEL
 MILD STEEL POWDER COATED
 GREEN STEEL POWDER COATED (TO SUIT ANY RAL COLOUR)
 MAGNA T-WASH FINISH

PLEASE NOTE THAT A MANUFACTURERS STAMP MAY EVEN BE VISIBLE ON PANELS IN COR-TEN STEEL FINISH UPON INSTALLATION. THIS WILL FADE IN APPROXIMATELY THREE MONTHS DUE TO NATURAL WEATHERING.

THE PURPOSE OF THIS PRODUCT IS FOR STRAIGHT PLANTERS ONLY. FOR CURVED DETAILS REFER TO PAGES 22 & 23

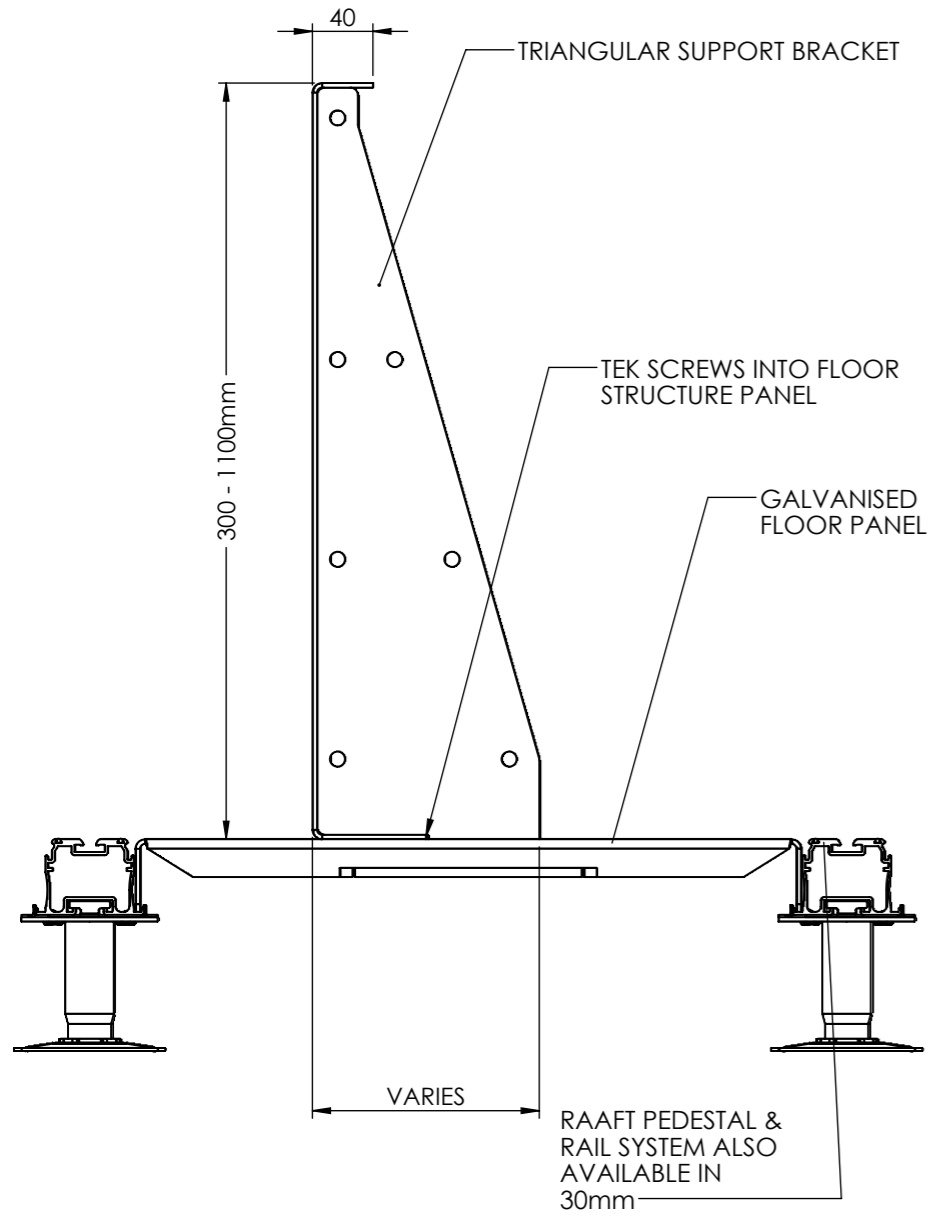


**SECTION A-A
SCALE 1 : 5**

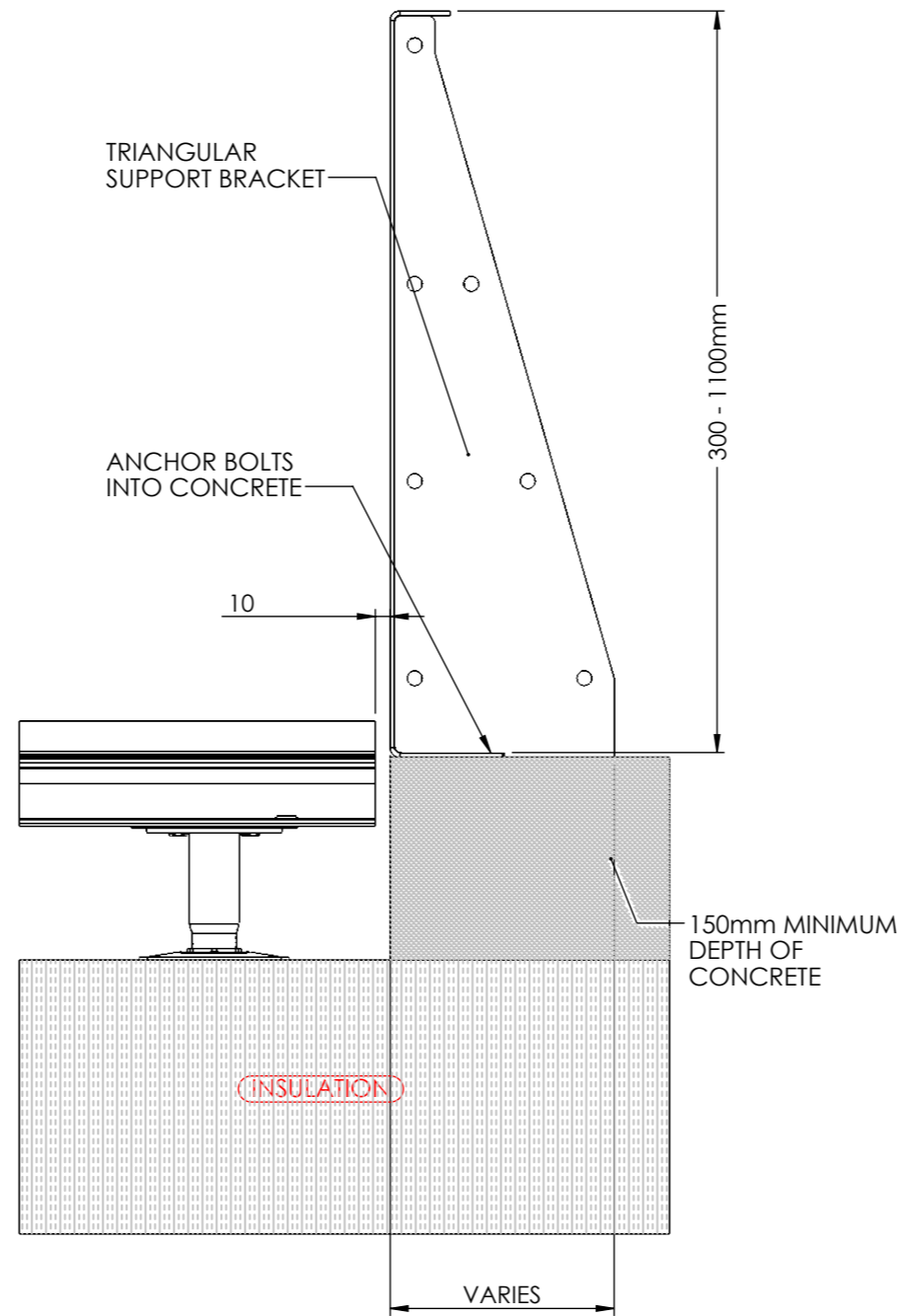
DATE: 11/01/2024	PAGE NUMBER: 25	SHEET SIZE: A3
DRAWING TITLE: Planterline Straight Example		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		RAAFT

Straight Planter details

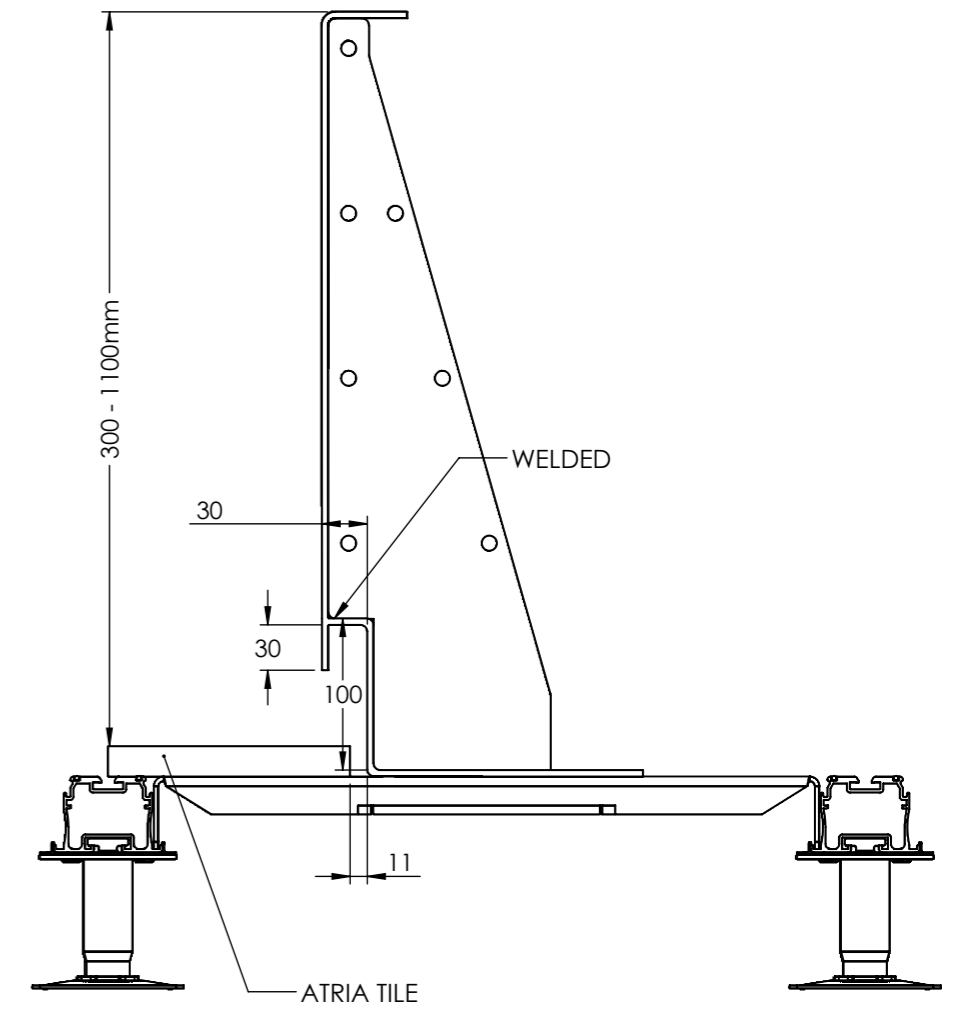
TYPICAL PLANTERLINE ONTO PEDESTALS AND ROOF TRAYS



TYPICAL PLANTERLINE ONTO CONCRETE



TYPICAL PLANTERLINE LIGHTING DETAIL ON RAAFT STRUCTURE



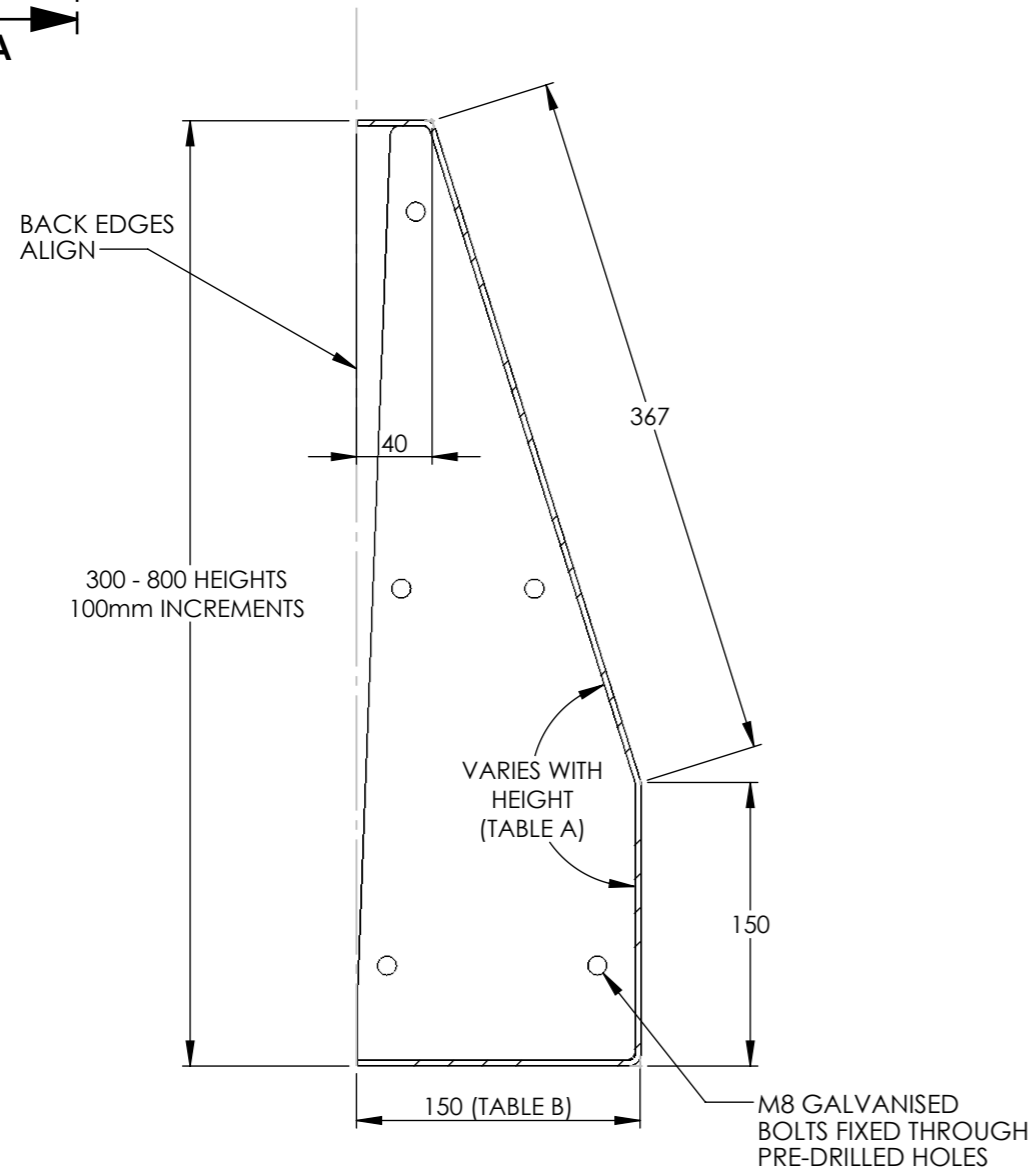
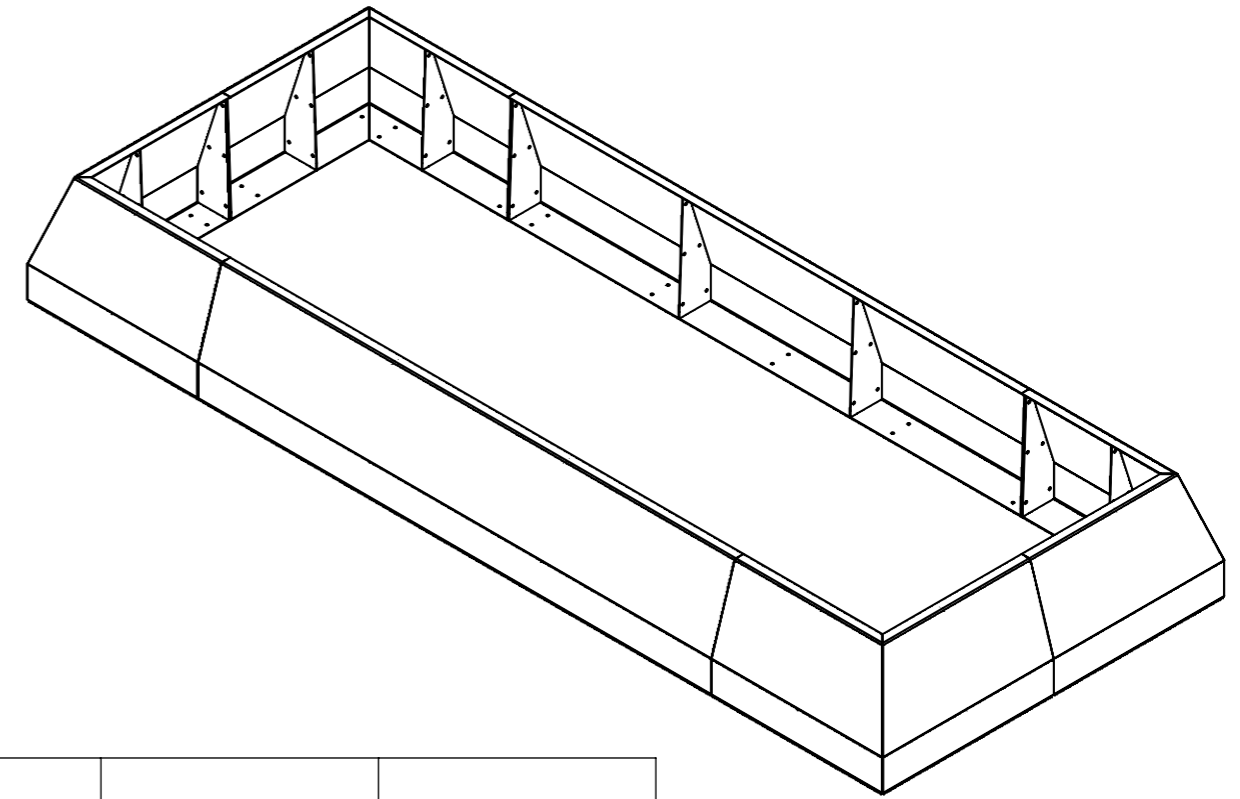
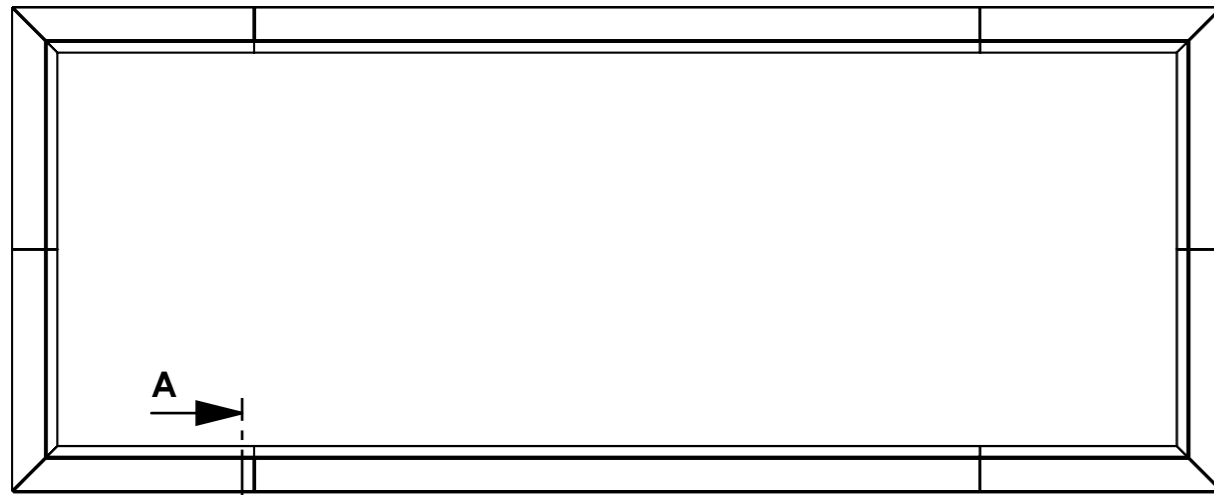
DATE: 11/01/2024	PAGE NUMBER: 26	SHEET SIZE: A3
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DRAWING TITLE:
Planterline straight Details

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Email: technical@raaft.co.uk



Prism Planter Example



SECTION A-A

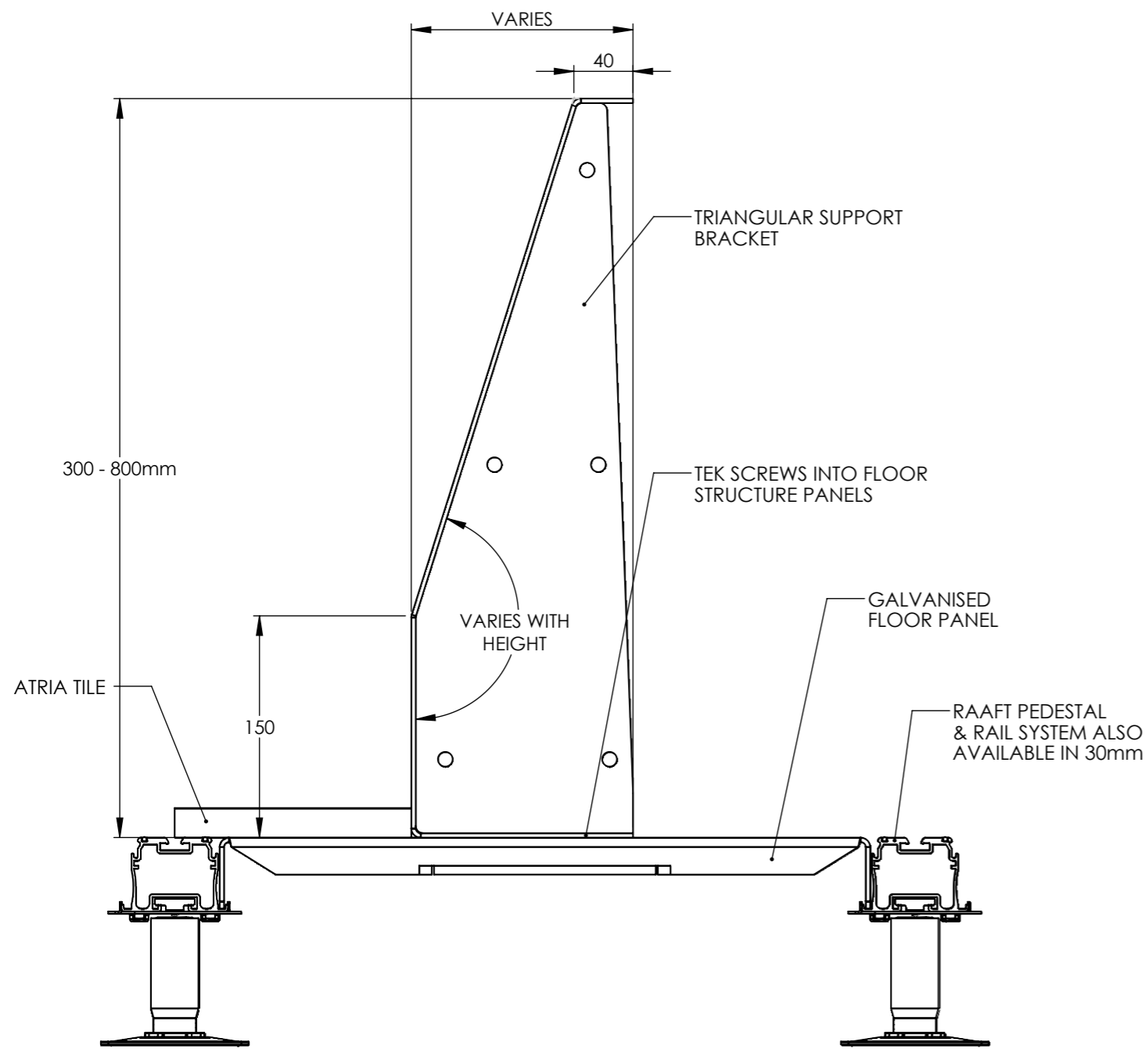
	A - VARYING ANGLES FOR EACH HEIGHT	B - VARYING BASEPLATE WIDTH FOR EACH HEIGHT
HEIGHT (mm)	ANGLE (°)	BASE PLATE WIDTH (mm)
300	144°	150
400	156°	150
500	163°	150
600	160°	200
700	164°	200
800	166°	200

DATE: 11/01/2024 PAGE NUMBER: 27 SHEET SIZE: A3

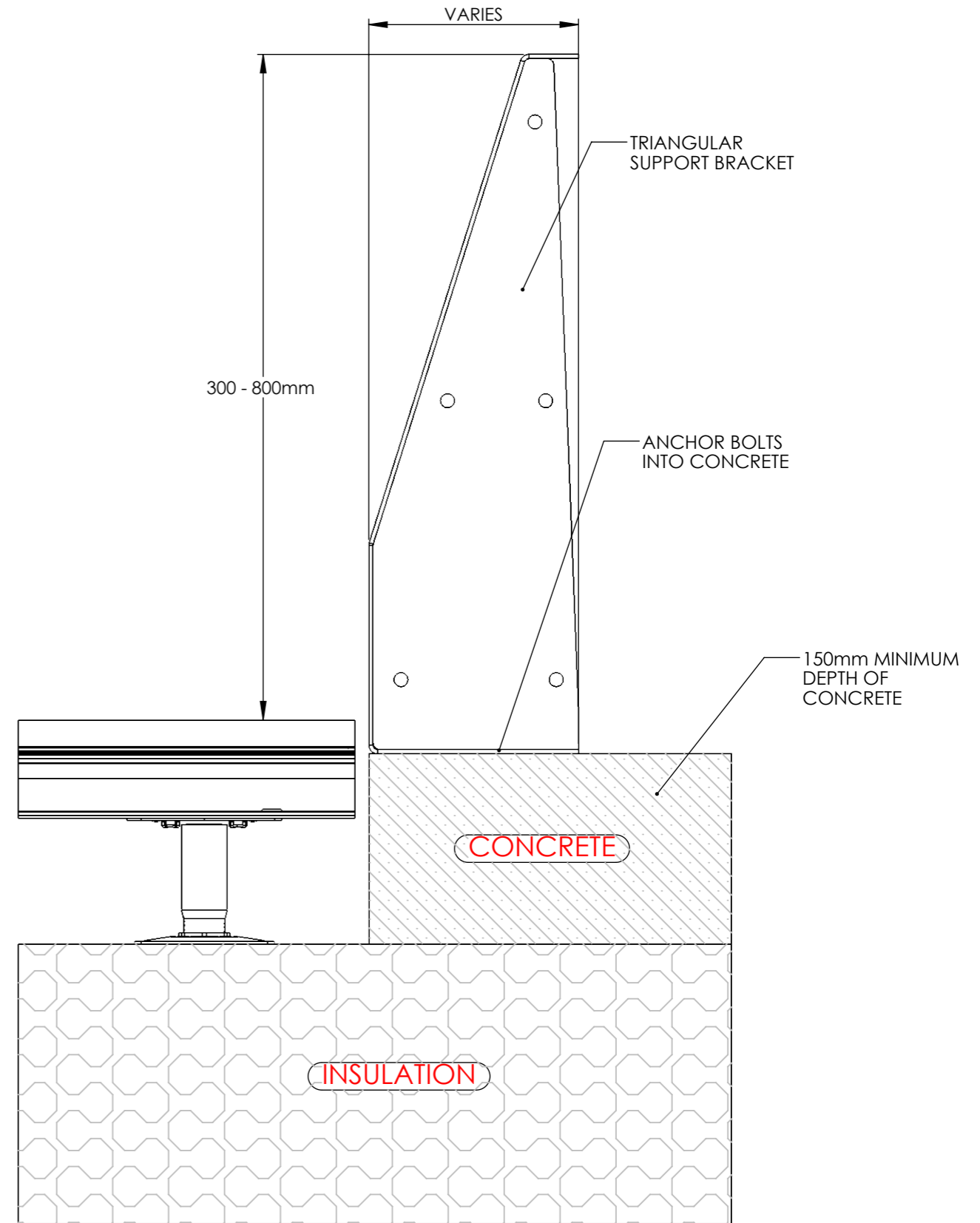
DRAWING TITLE: Planterline Prism Example

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TYPICAL PRISM PLANTERLINE ON TO PEDESTALS AND ROOF TRAYS



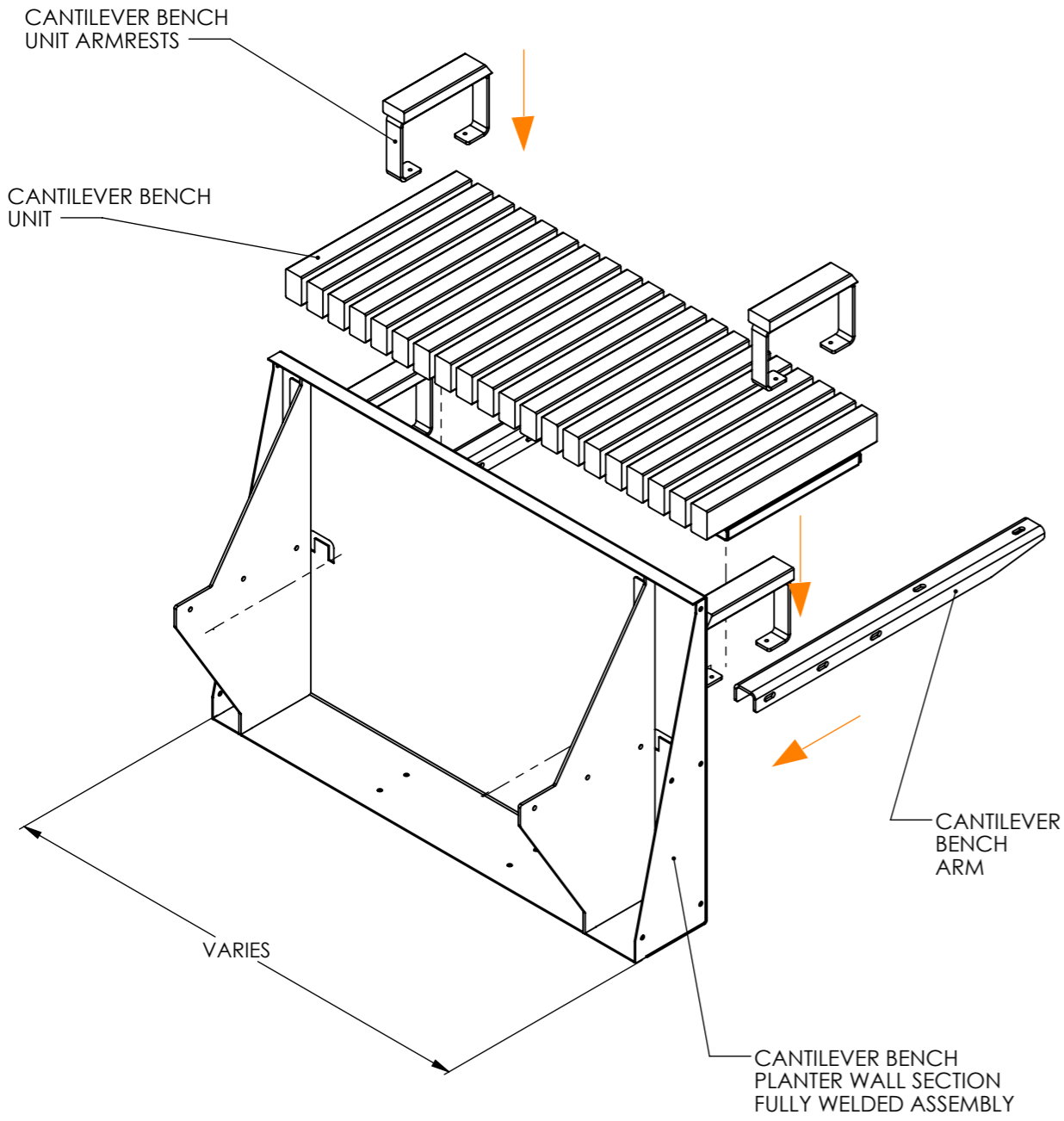
TYPICAL PRISM PLANTERLINE ON TO CONCRETE

DATE: 11/01/2024	PAGE NUMBER: 28	SHEET SIZE: A3
DRAWING TITLE: Planterline Prism Details		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		
		

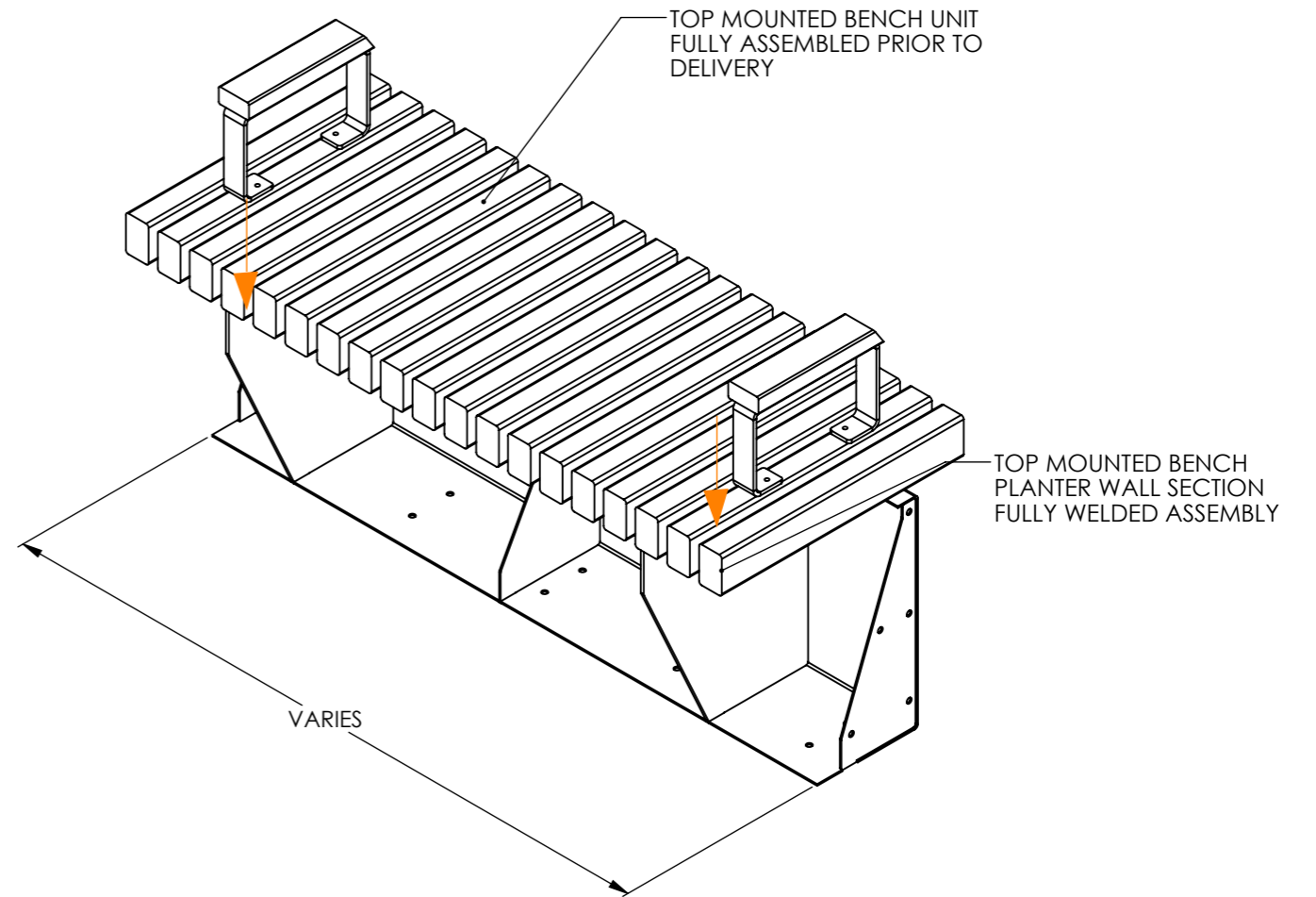
Straight Planterline Bench Designs



CANTILEVER BENCH UNIT



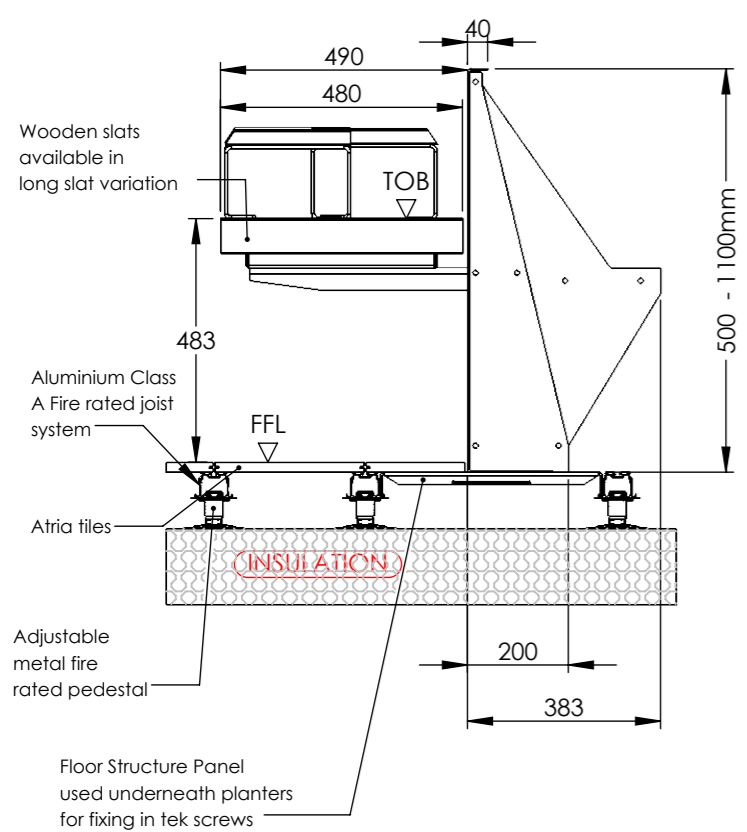
TOP MOUNTED BENCH UNIT



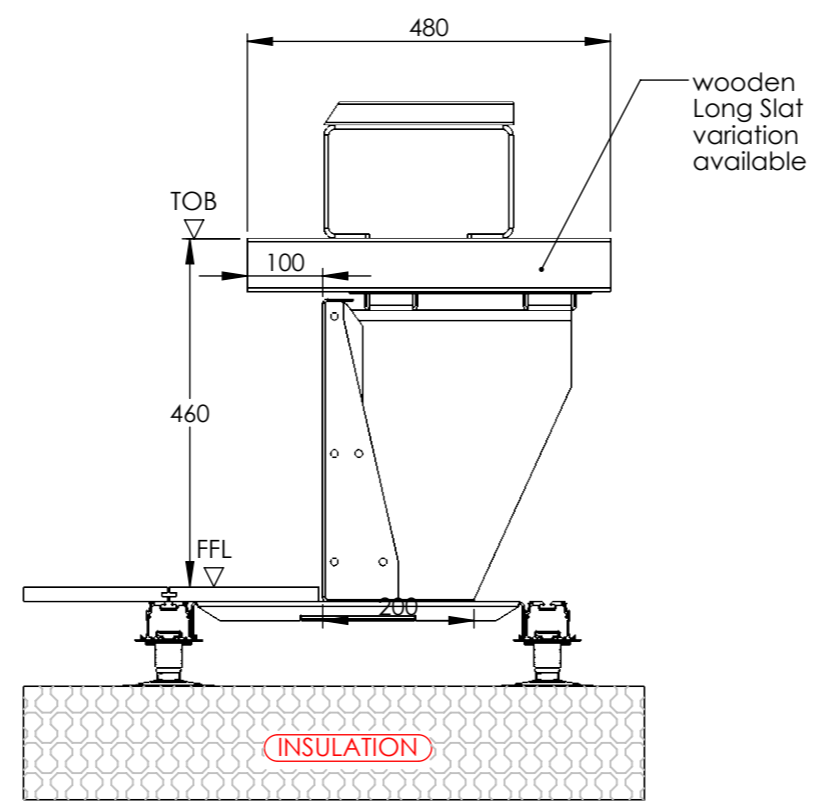
ALL FIXINGS SUPPLIED TO ALLOW FOR FIXING DOWN BY RAAFT (IF APPLICABLE)
AND ALL FIXINGS TO FIX BENCHES TOGETHER ARE TO BE SUPPLIED BY RAAFT

**TOP MOUNTED BENCHES ARE RESTRICTED IN HEIGHT
DUE TO BUILDING CONTROL .480 HEIGHT ABOVE
FINISH FLOOR LEVEL (FFL) IS REQUIRED.**

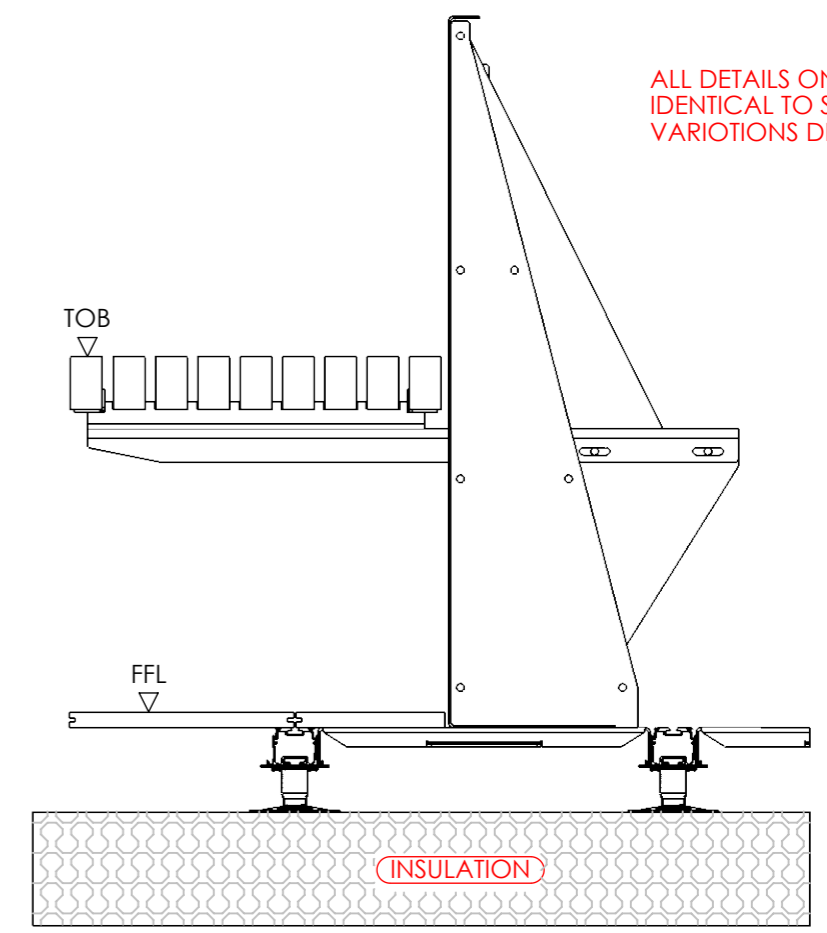
DATE: 11/01/2024	PAGE NUMBER: 29	SHEET SIZE: A3
DRAWING TITLE: Planterline Straight Bench Designs		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		



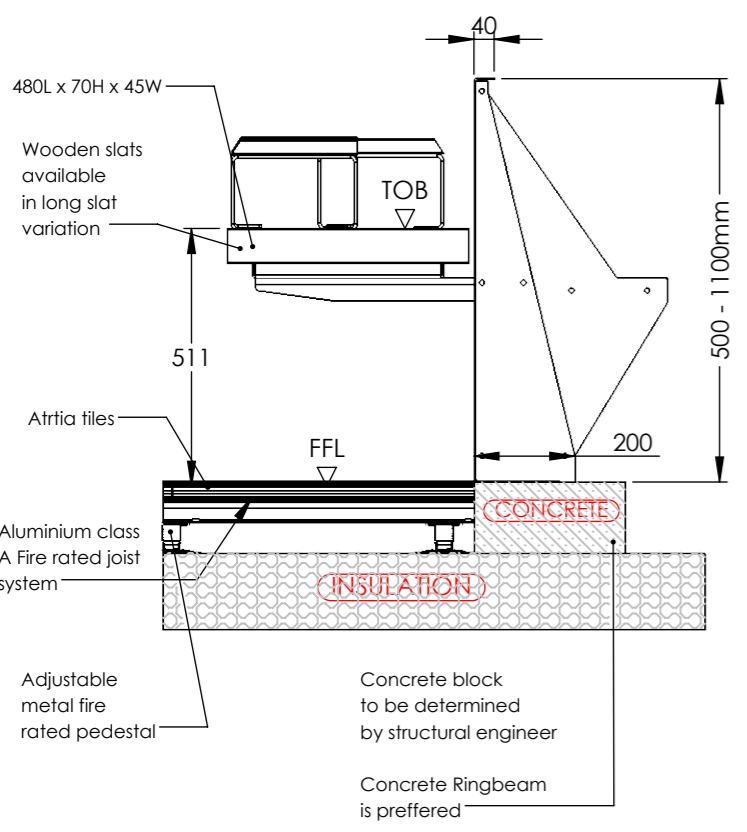
PLANTERLINE STRAIGHT - CANTILEVER BENCH SITUATED ON RAAFT FLOOR STRUCTURE PANELS



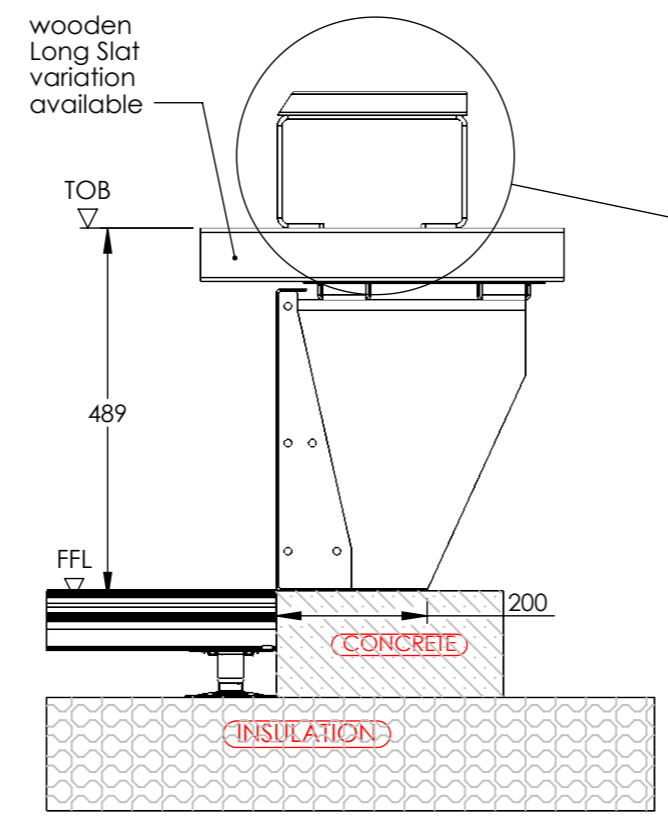
PLANTERLINE STRAIGHT - TOP MOUNT BENCH SITUATED ON FLOOR STRUCTURE PANELS



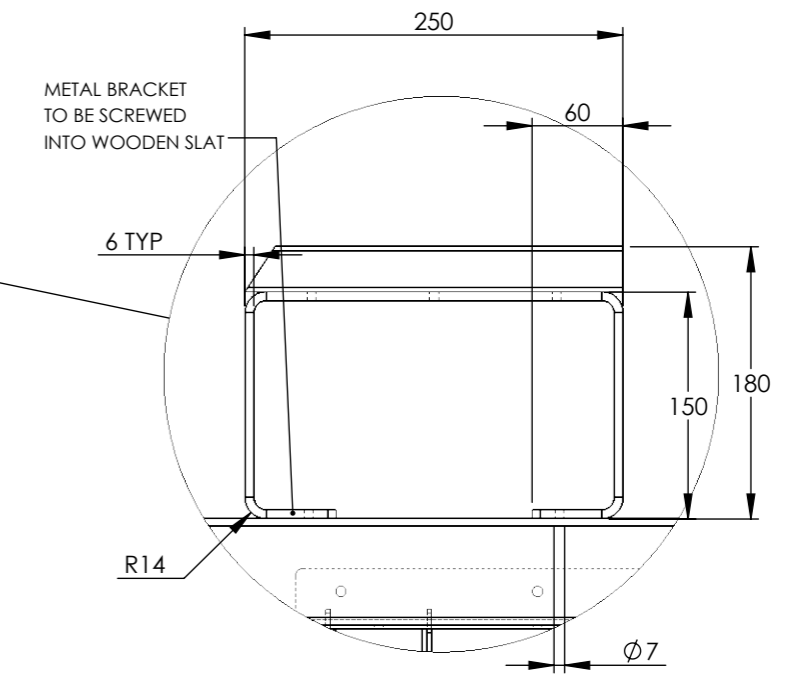
PLANTERLINE STRAIGHT - LONG SLAT CANTILEVER BENCH SITUATED ON RAAFT FLOOR STRUCTURE PANELS



PLANTERLINE STRAIGHT - CANTILEVER BENCH SITUATED ON CONCRETE



PLANTERLINE STRAIGHT - TOP MOUNT BENCH SITUATED ON CONCRETE



DETAIL F - ARMREST DETAILS

DATE: 15/01/2024	PAGE NUMBER: 30	SHEET SIZE: A3
DRAWING TITLE: Planterline Straight bench details		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		

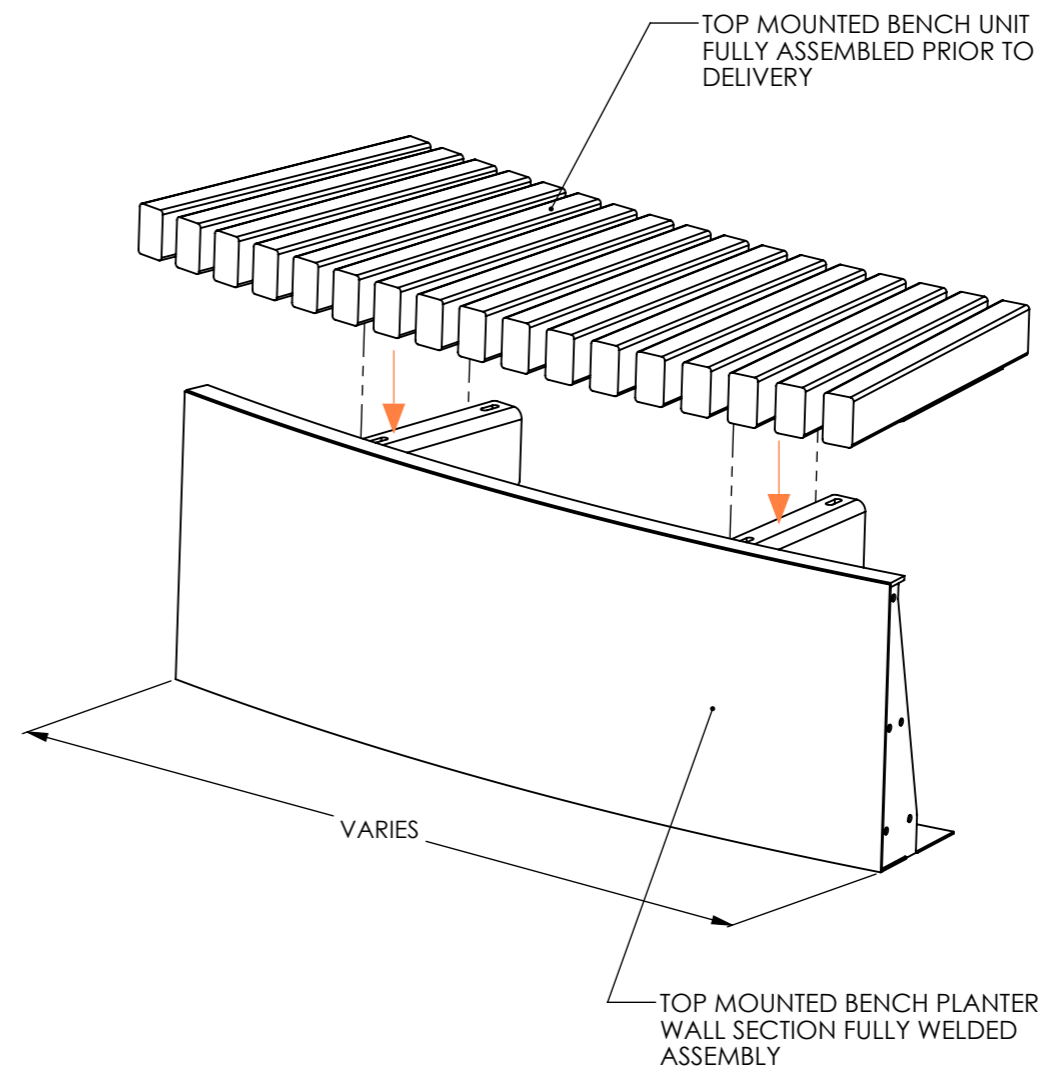
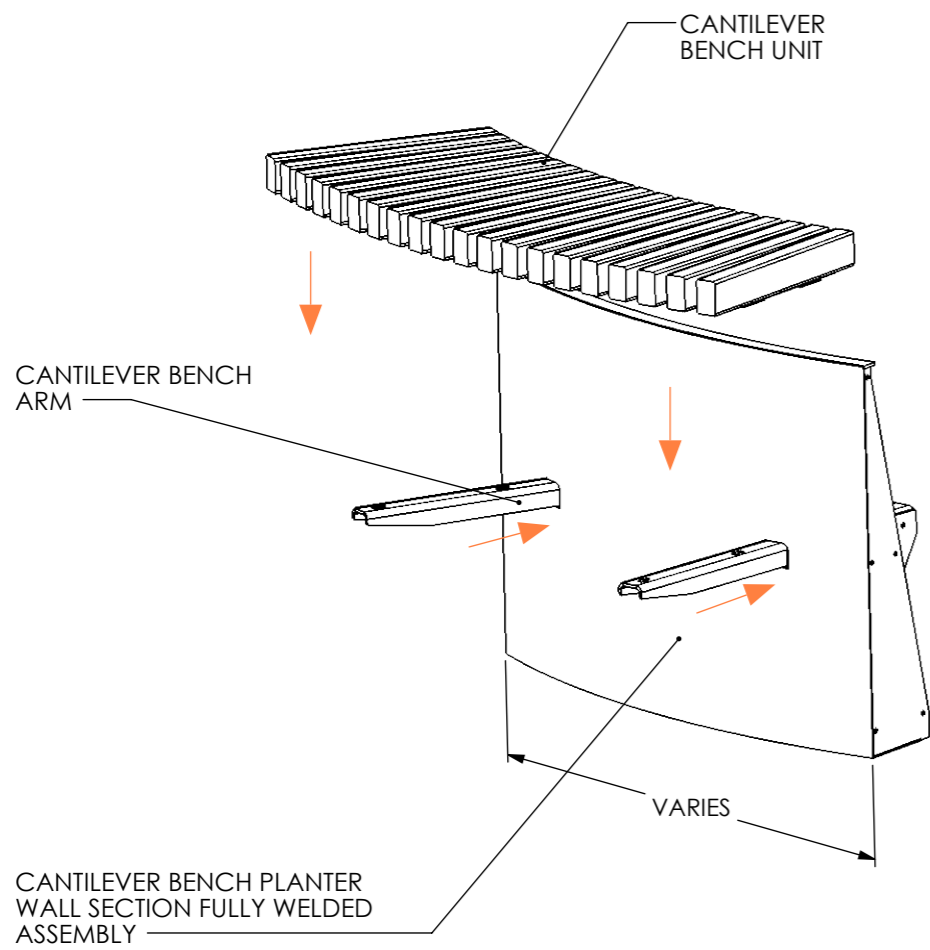


Curved Planterline Bench Designs



CANTILEVER BENCH UNIT

TOP MOUNTED BENCH UNIT



ALL FIXINGS SUPPLIED TO ALLOW FOR FIXING DOWN BY RAAFT (IF APPLICABLE) AND ALL FIXINGS TO FIX BENCHES TOGETHER ARE TO BE SUPPLIED BY RAAFT

TOP MOUNTED BENCHES ARE RESTRICTED IN HEIGHT DUE TO BUILDING CONTROL. 480 HEIGHT ABOVE FINISH FLOOR LEVEL (FFL) IS REQUIRED.

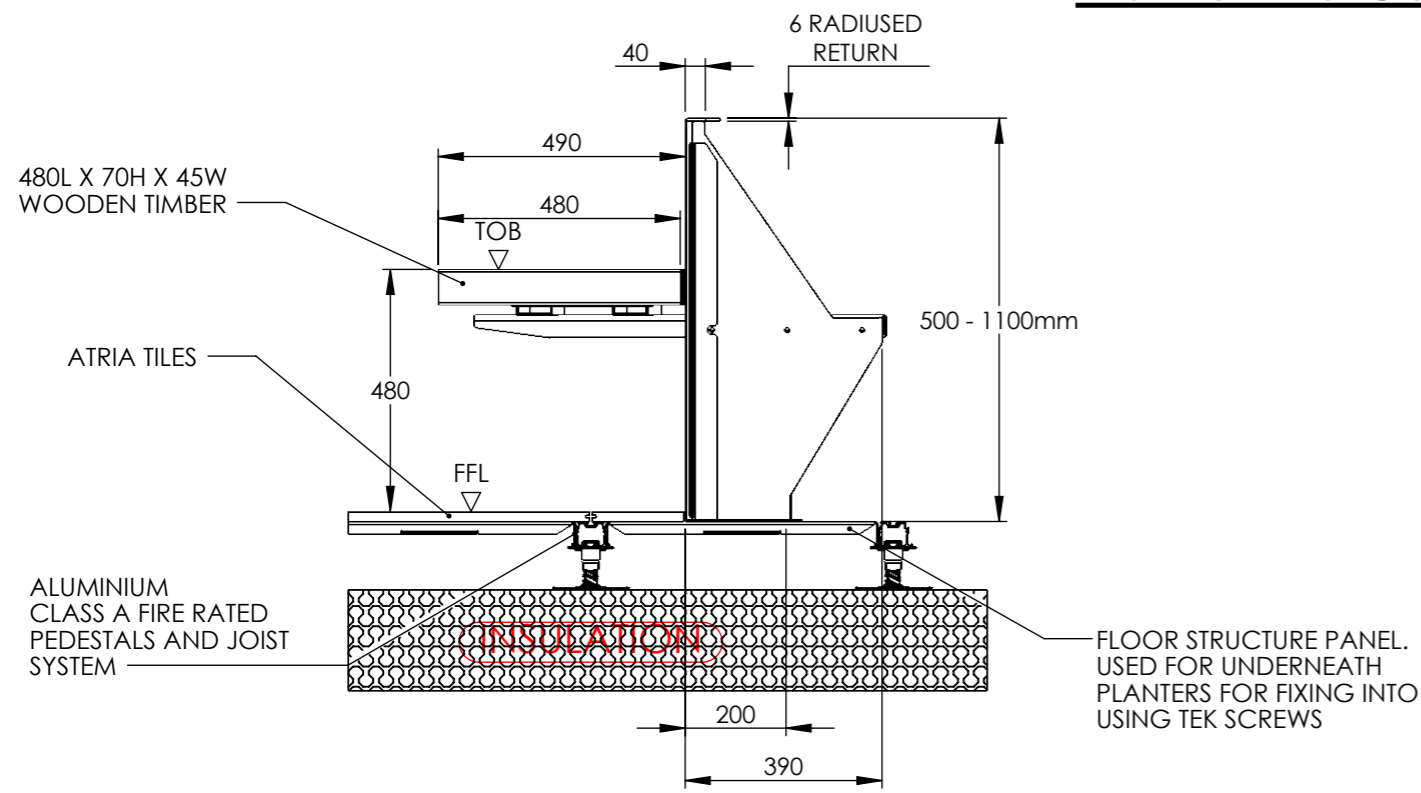
DATE: 15/01/2024	PAGE NUMBER: 31	SHEET SIZE: A3
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DRAWING TITLE:
Planterline Cruved Bench Designs

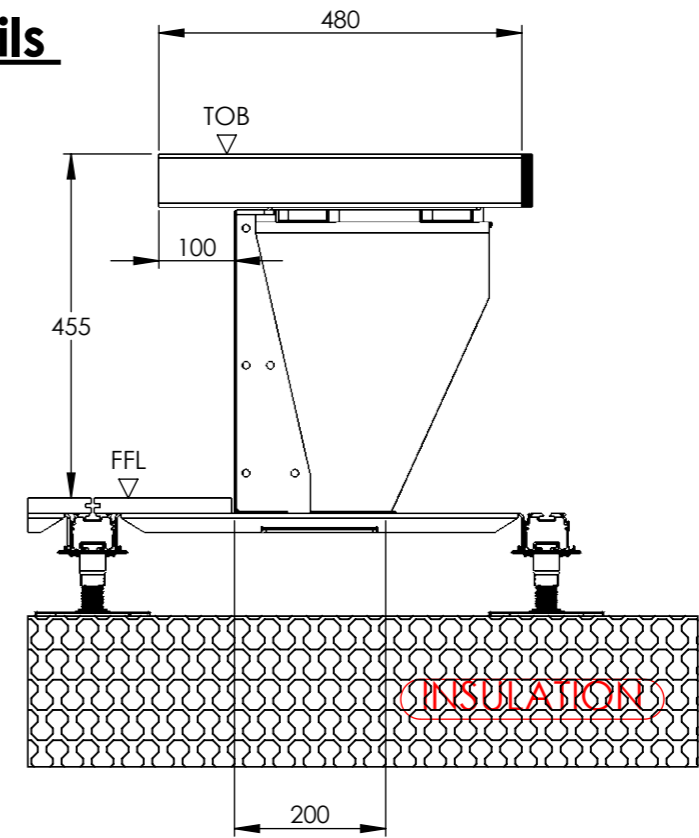
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Email: technical@raaft.co.uk



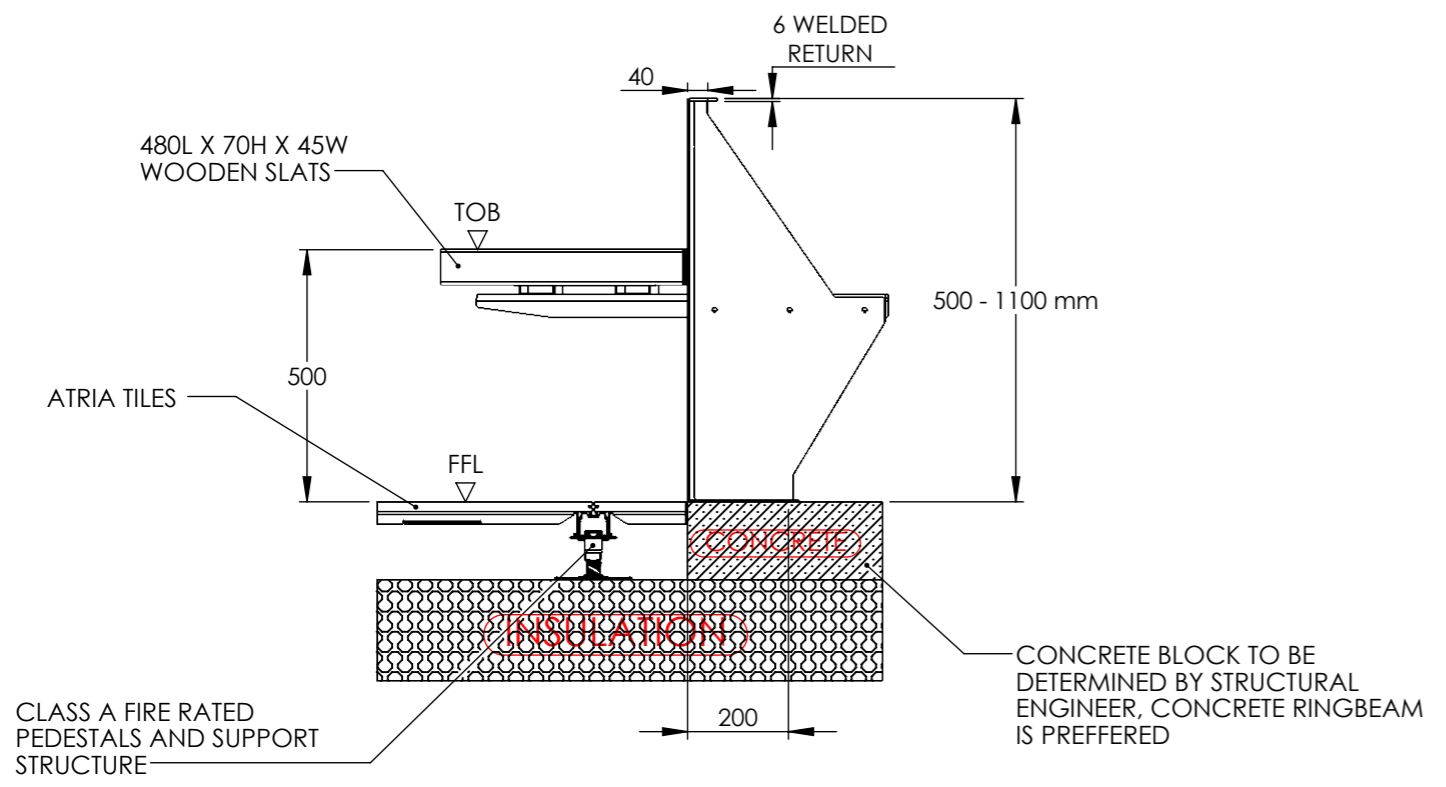
Planterline Curve Bench Details



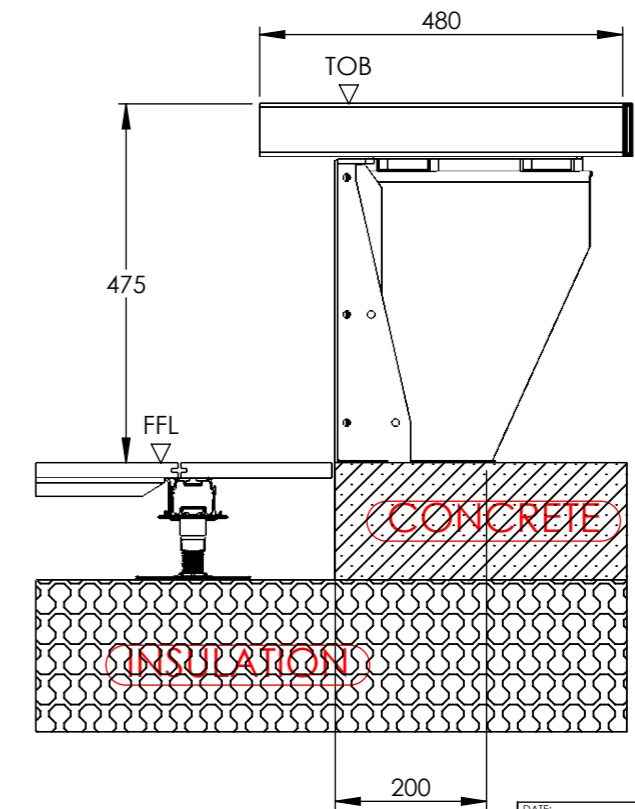
Cantilevered Curved Planter bench on Floor Structure Panels



Top Mounted Curved Planter Bench On Floor structure Panels




Cantilevered Curved Planter bench on Concrete



Top Mounted Planter Bench On Concrete SCALE 1 : 10

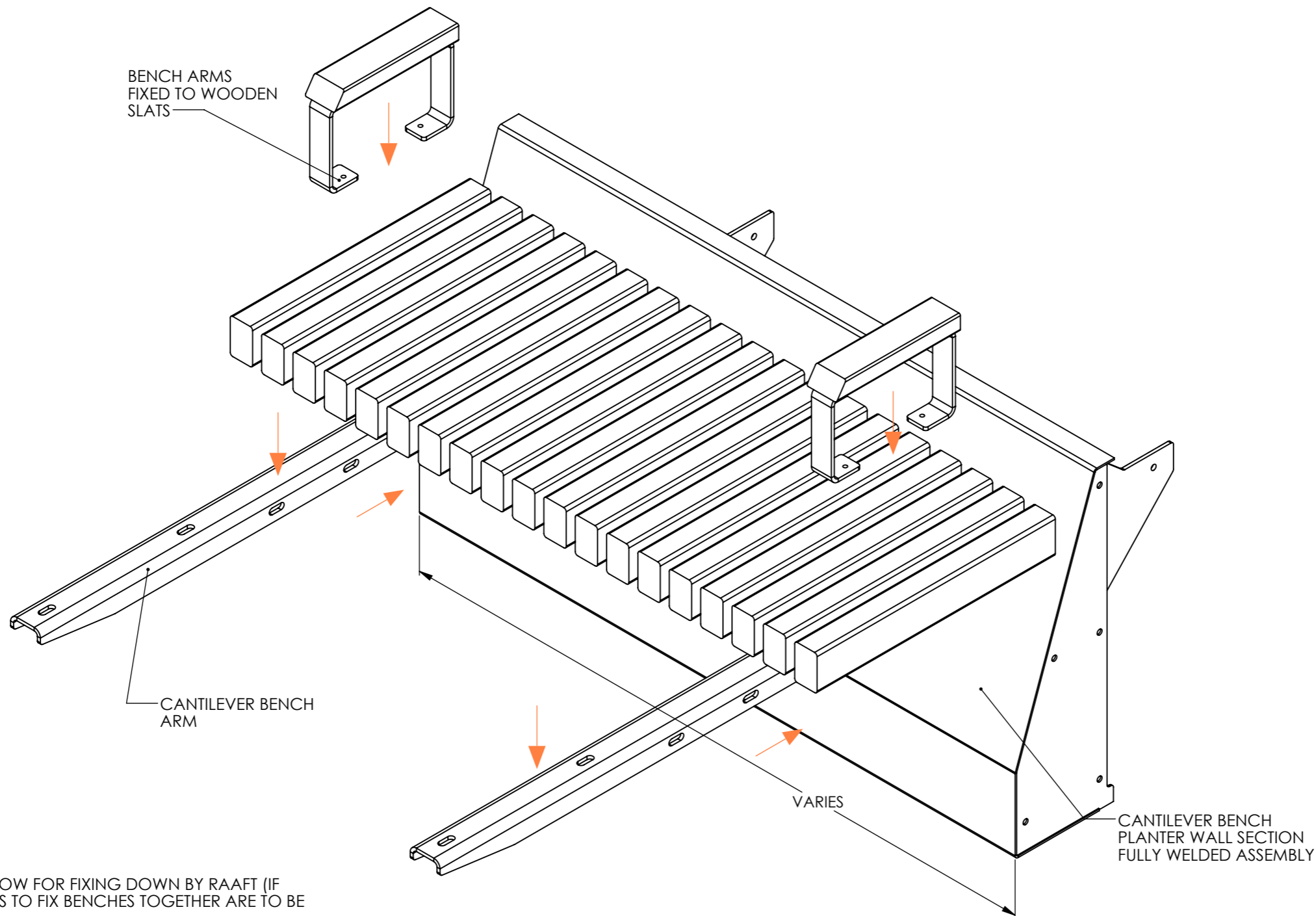
DATE: 16/01/2024	PAGE NUMBER: 32	SHEET SIZE: A3
DRAWING TITLE: Planterline Curved Bench Details		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		




Planterline Prism Bench Designs



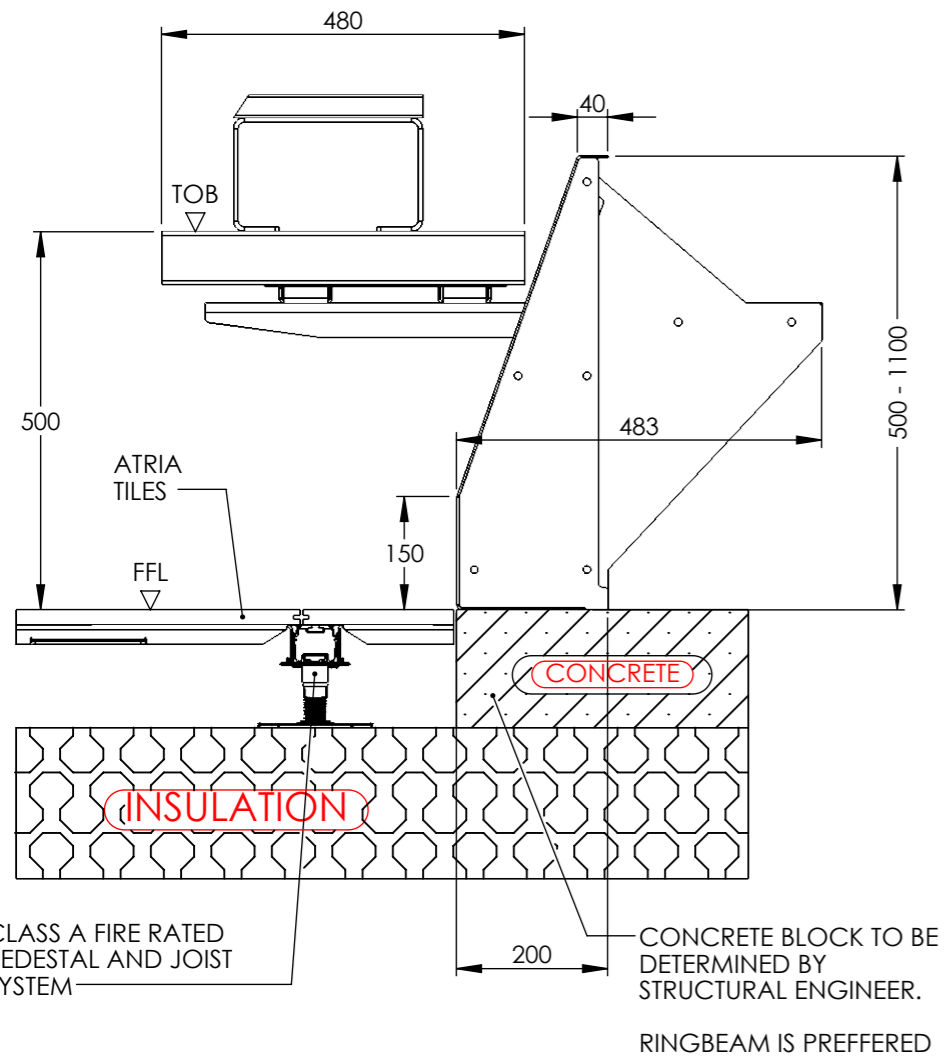
CANTILEVER BENCH UNIT



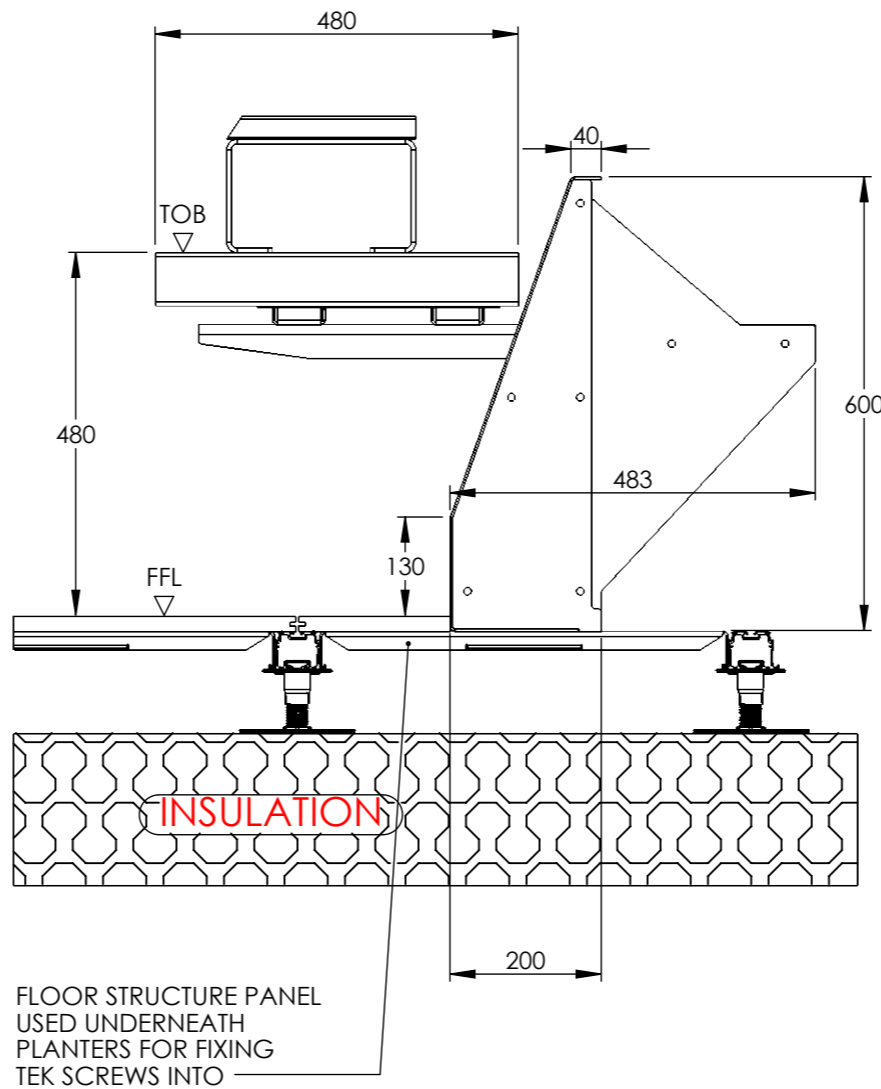
ALL FIXINGS SUPPLIED TO ALLOW FOR FIXING DOWN BY RAAFT (IF APPLICABLE) AND ALL FIXINGS TO FIX BENCHES TOGETHER ARE TO BE SUPPLIED BY RAAFT

DATE: 16/01/2024	PAGE NUMBER: 33	SHEET SIZE: A3
DRAWING TITLE: Planterline Prism Bench Designs		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		

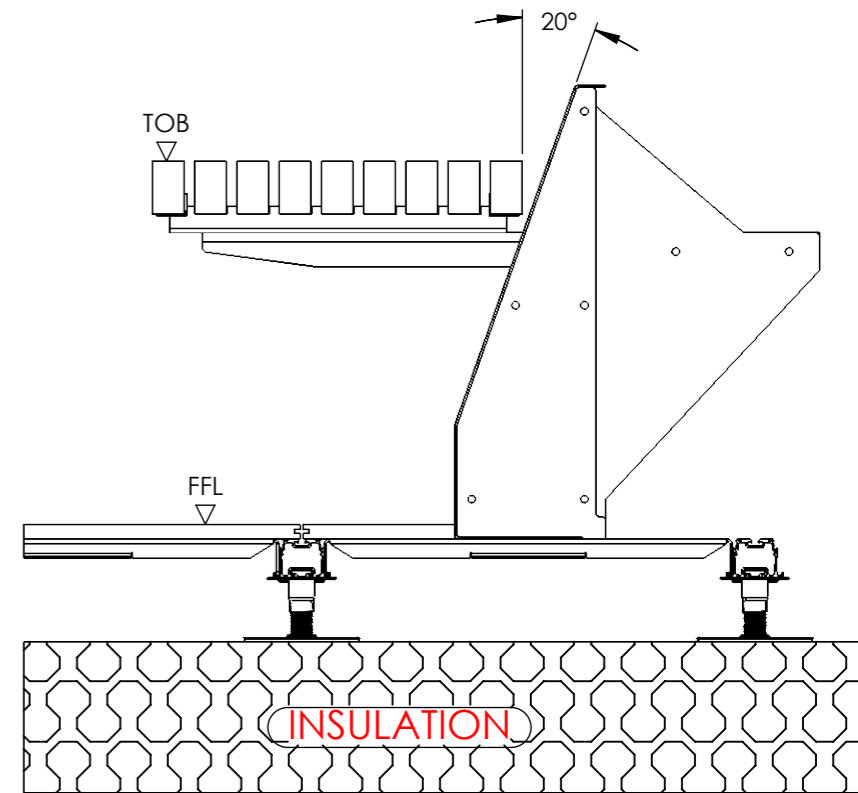
Planterline Prism details



Planterline Prism - Cantilever Bench situated on concrete



Planterline Prism - Cantilever Bench situated on Floor Structure Panels

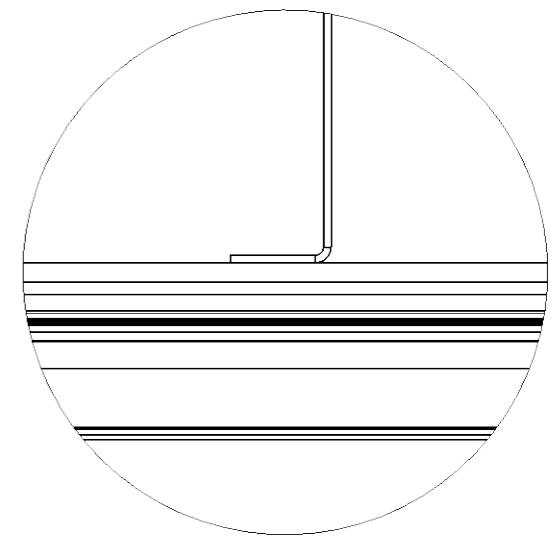
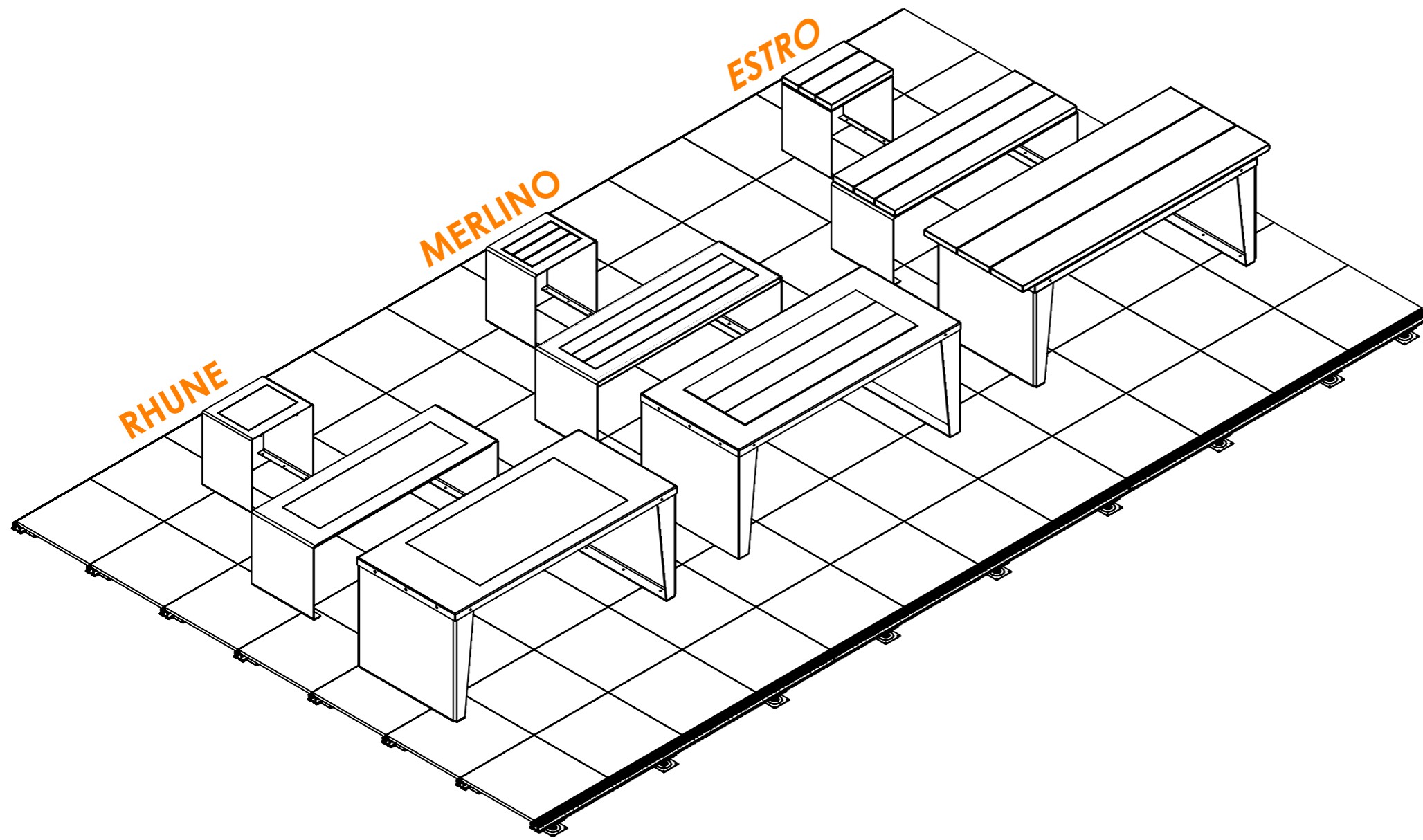


ALL DETAILS ON LONG SLAT ARE IDENTICAL TO SHORT SLAT VARIATIONS DETAILED

Long Slat Planterline Prism - Cantilever Bench situated on Floor Structure Panels

DATE: 18/01/2024	PAGE NUMBER: 34	SHEET SIZE: A3
DRAWING TITLE: Planterline Prism Bench Details		
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MERLINO, ESTRO AND RHUNE LAYOUT EXAMPLE



**DETAIL
SCALE 1 : 3**

**FOR EVERY TABLE, BENCH AND STOOL
COLLECTION, THEY WILL BE FREESTANDING.**

**THE ABOVE DETAIL ILLUSTRATES THE
COLLECTION SITUATED UPON THE FFL.**

DATE: 12/01/2024	PAGE NUMBER: 35	SHEET SIZE: A3
DRAWING TITLE: Merlino, Estro and Rhune Collections		
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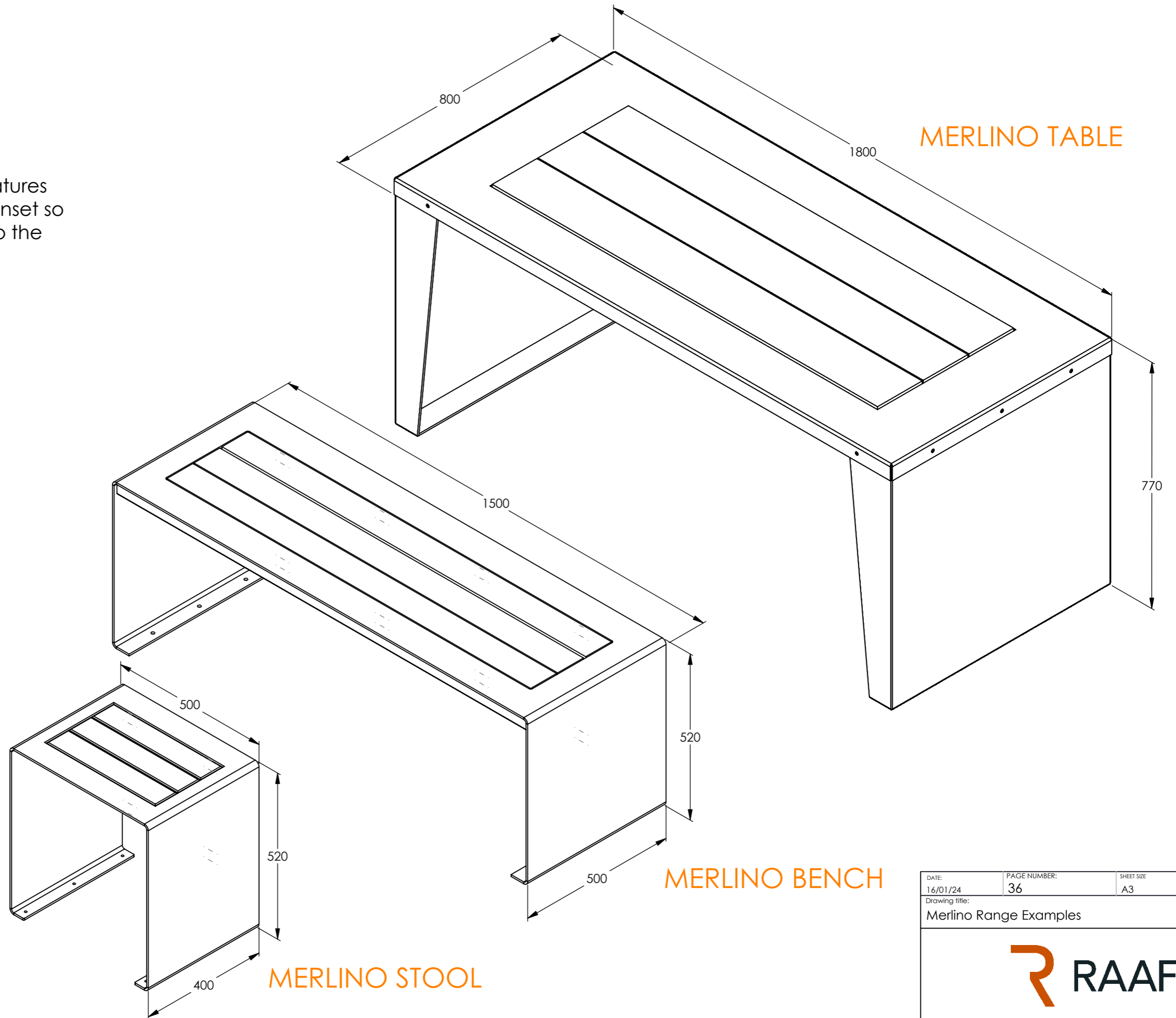
MERLINO BENCH COLLECTION

Feature:

The Merlino Range features several timber panels inset so that they will lie flush to the surface.

Wood choices:

Iroko
European Oak
European Redwood
Sapele
Bamboo



DATE: 16/01/24	PAGE NUMBER: 36	SHEET SIZE: A3
Drawing title: Merlino Range Examples		



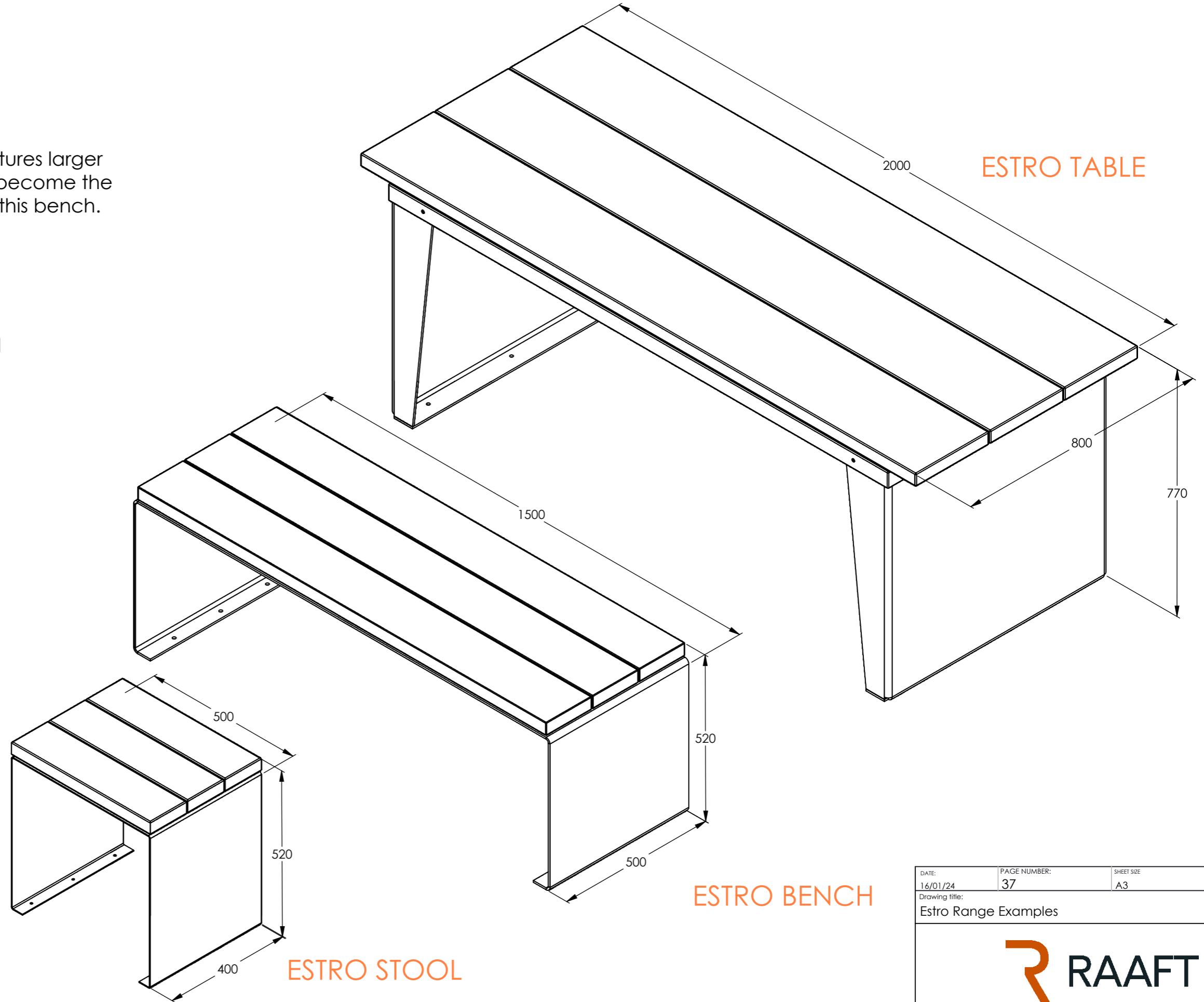
ESTRO BENCH COLLECTION

Feature:

The Estro Range features larger timber panels, that become the main focus point of this bench.

Wood choices:

- Iroko
- European Oak
- European Redwood
- Sapele
- Bamboo



DATE: 16/01/24	PAGE NUMBER: 37	SHEET SIZE: A3
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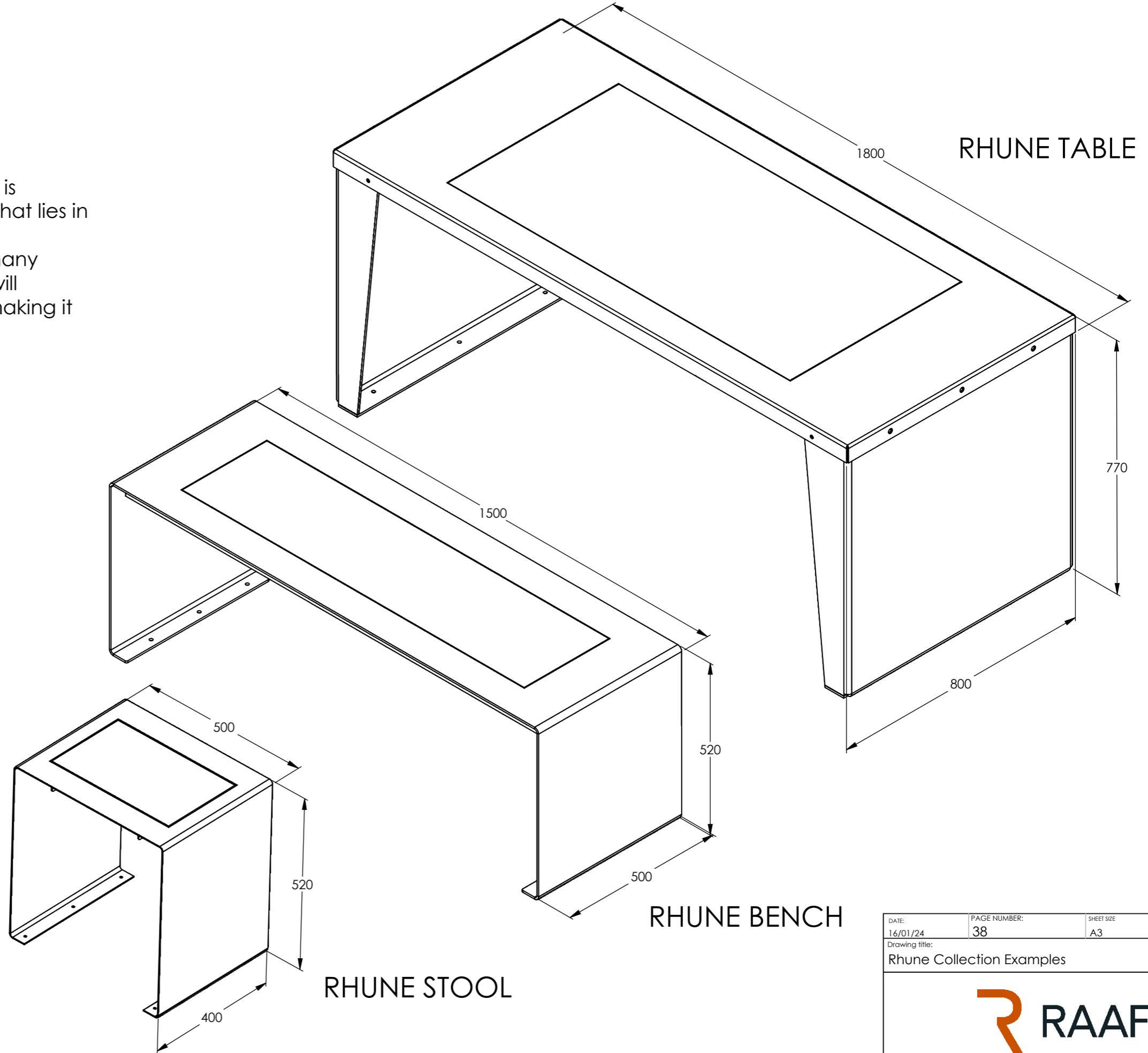
Drawing title:
Estro Range Examples



RHUNE BENCH COLLECTION

Feature:

The Rhune range highlight is the porcelain/granite tile that lies in the centre. This can be changed to many different colours and this will add depth to the range making it personal and unique,



RHUNE TABLE

RHUNE BENCH

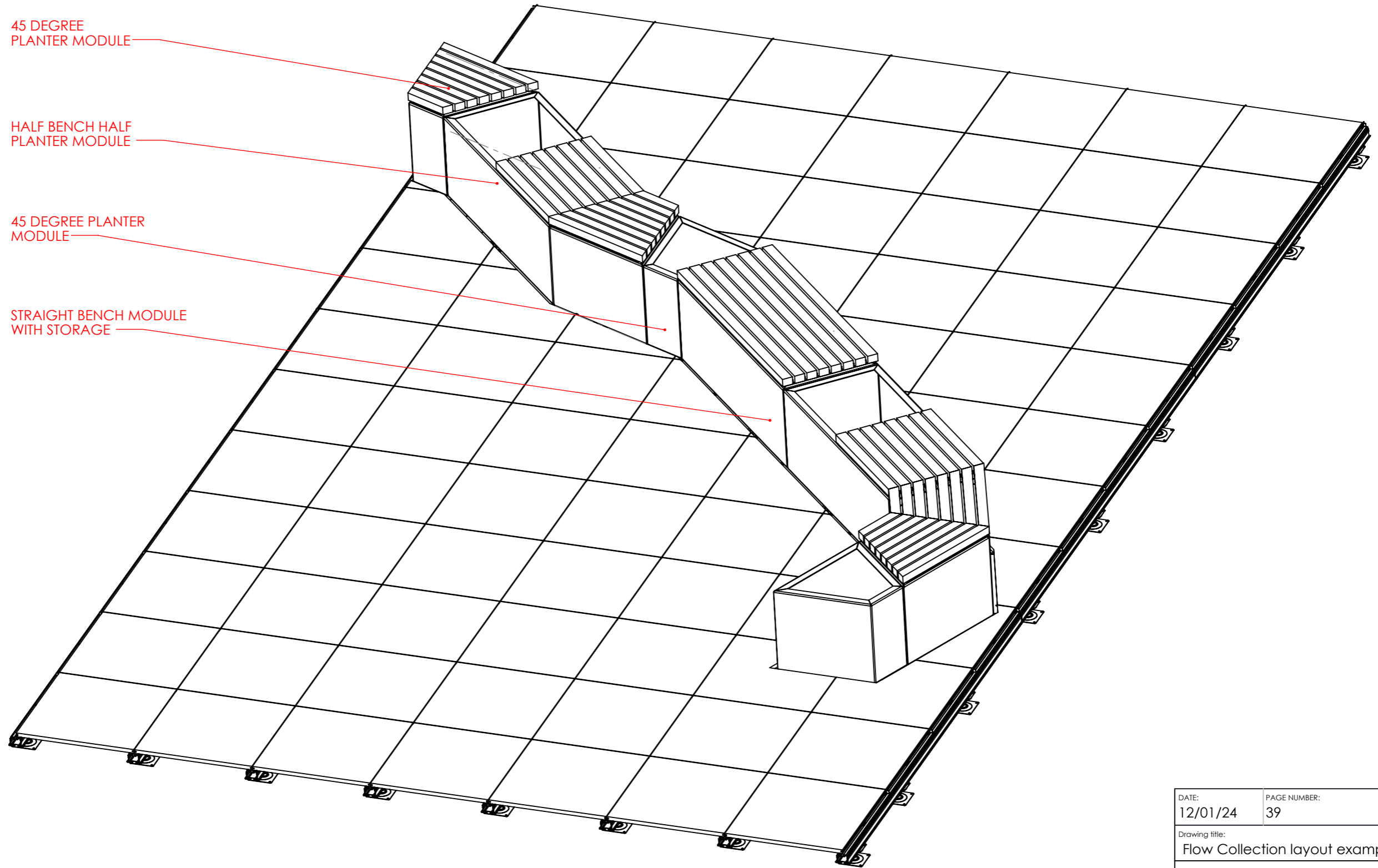
RHUNE STOOL

DATE: 16/01/24	PAGE NUMBER: 38	SHEET SIZE: A3
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Drawing title:
Rhune Collection Examples



EXAMPLE OF HOW THE FLOW RANGE WILL WORK ON A RAAFT TERRACE LAYOUT



45 DEGREE
PLANTER MODULE

HALF BENCH HALF
PLANTER MODULE

45 DEGREE PLANTER
MODULE

STRAIGHT BENCH MODULE
WITH STORAGE

DATE: 12/01/24	PAGE NUMBER: 39	SHEET SIZE: A3
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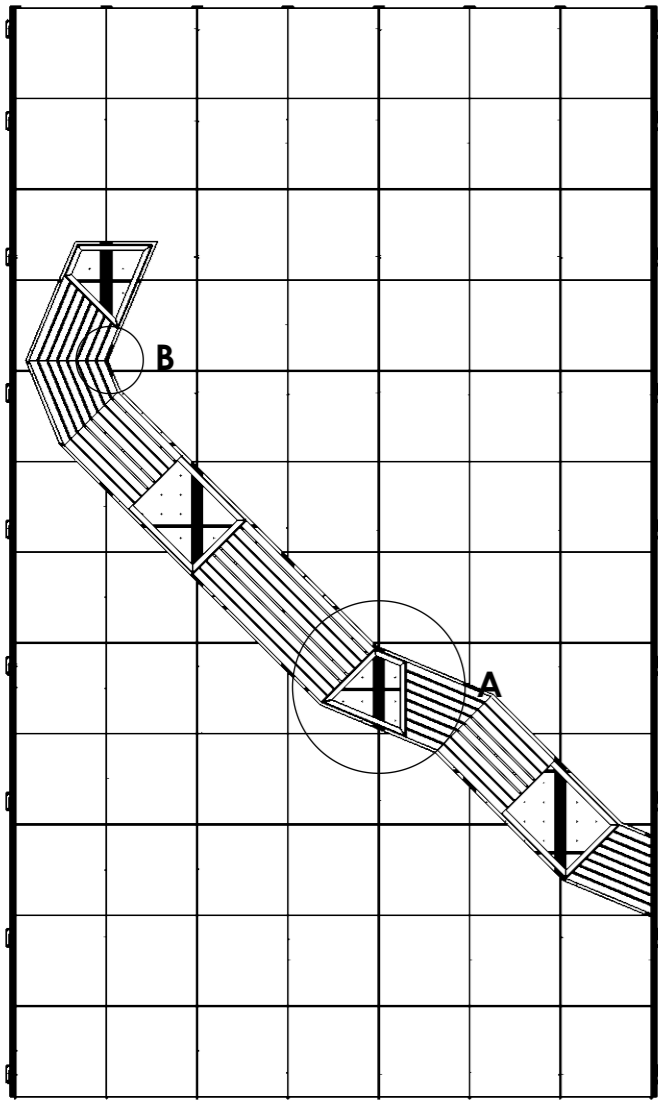
Drawing title:
Flow Collection layout example

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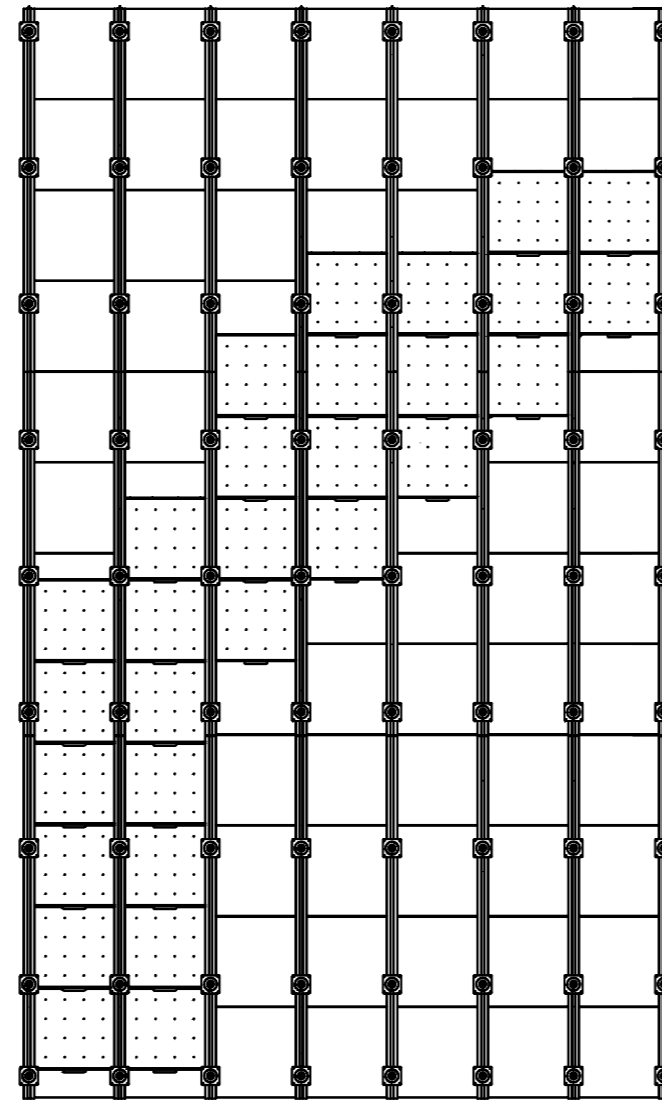
RAAFT
A Kinley Group company Kinley

FLOW RANGE DETAILS



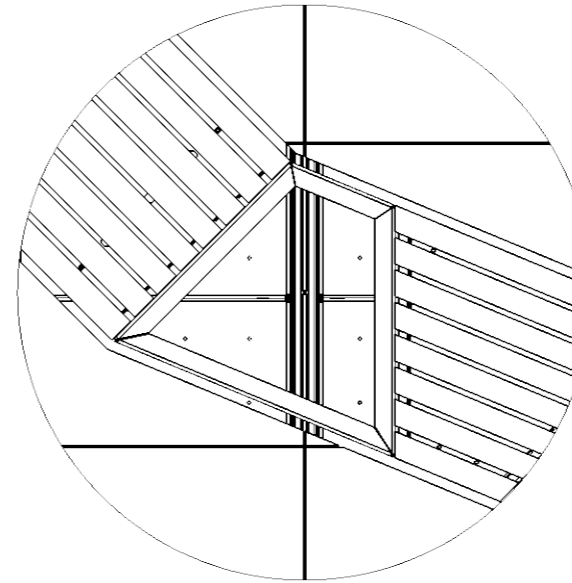
Top View

This Shows a typical Flow range layout from above - the assembly and direction of these modules can be changed at the design stage according to the customers needs.



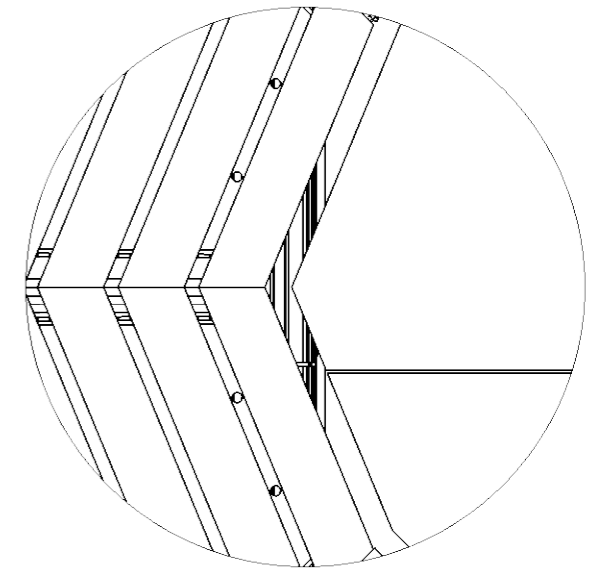
Underside view

This view highlights that the furniture structure panels only need to be required for the area which the Flow range will rest upon.



DETAIL A
SCALE 1 : 15

Detail A shows the Flow range planters are directly placed on top of the furniture structure panels. This is due to them being perforated and so allowing for water drainage.



DETAIL B
SCALE 1 : 6

Detail B highlights that the files will be cut around the edges of the modules. This will be done on site and will need consideration at the initial design stage.

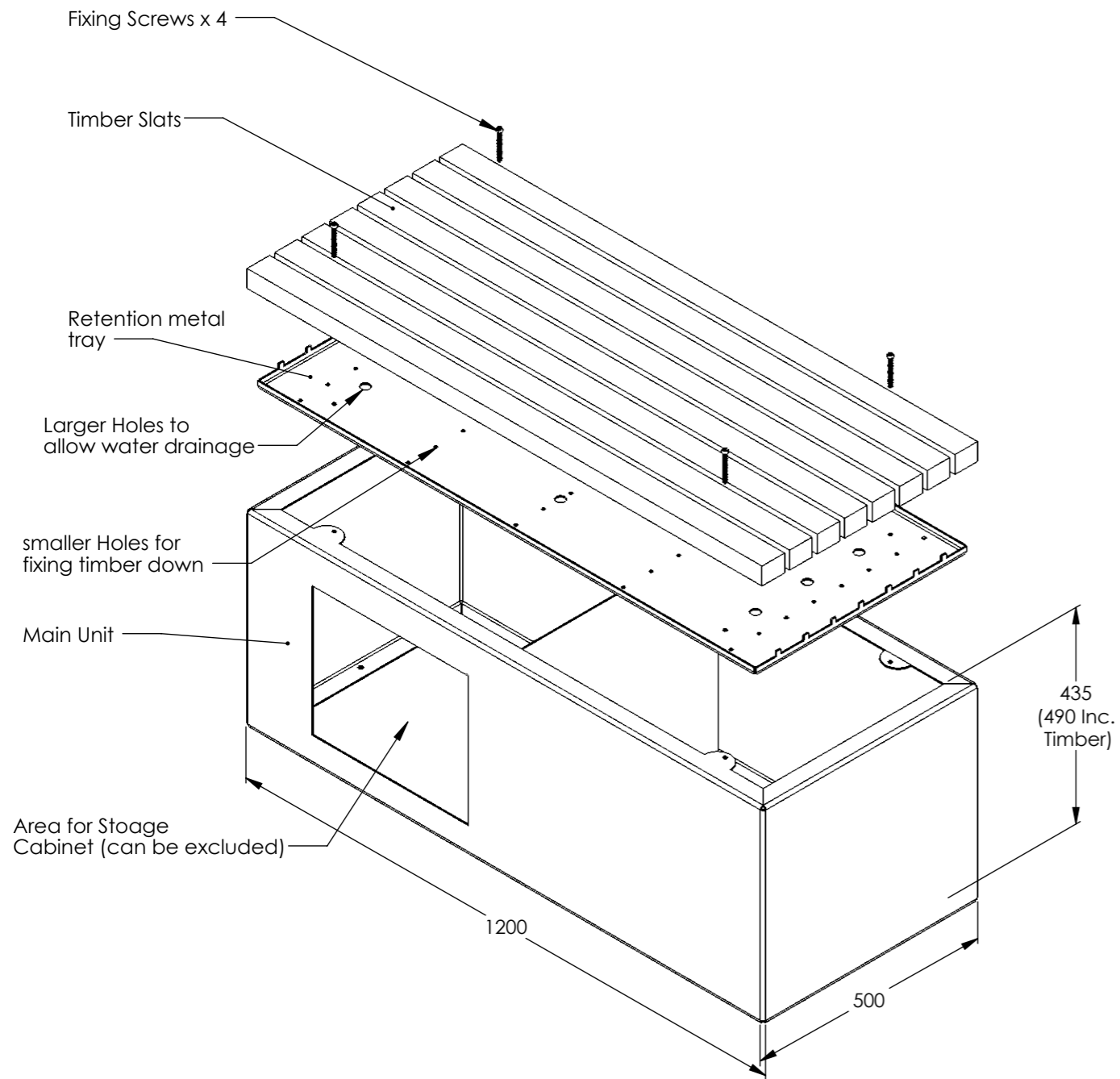
DATE: 16/01/24	PAGE NUMBER: 40	SHEET SIZE: A3
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Drawing title:
Flow Range Details I

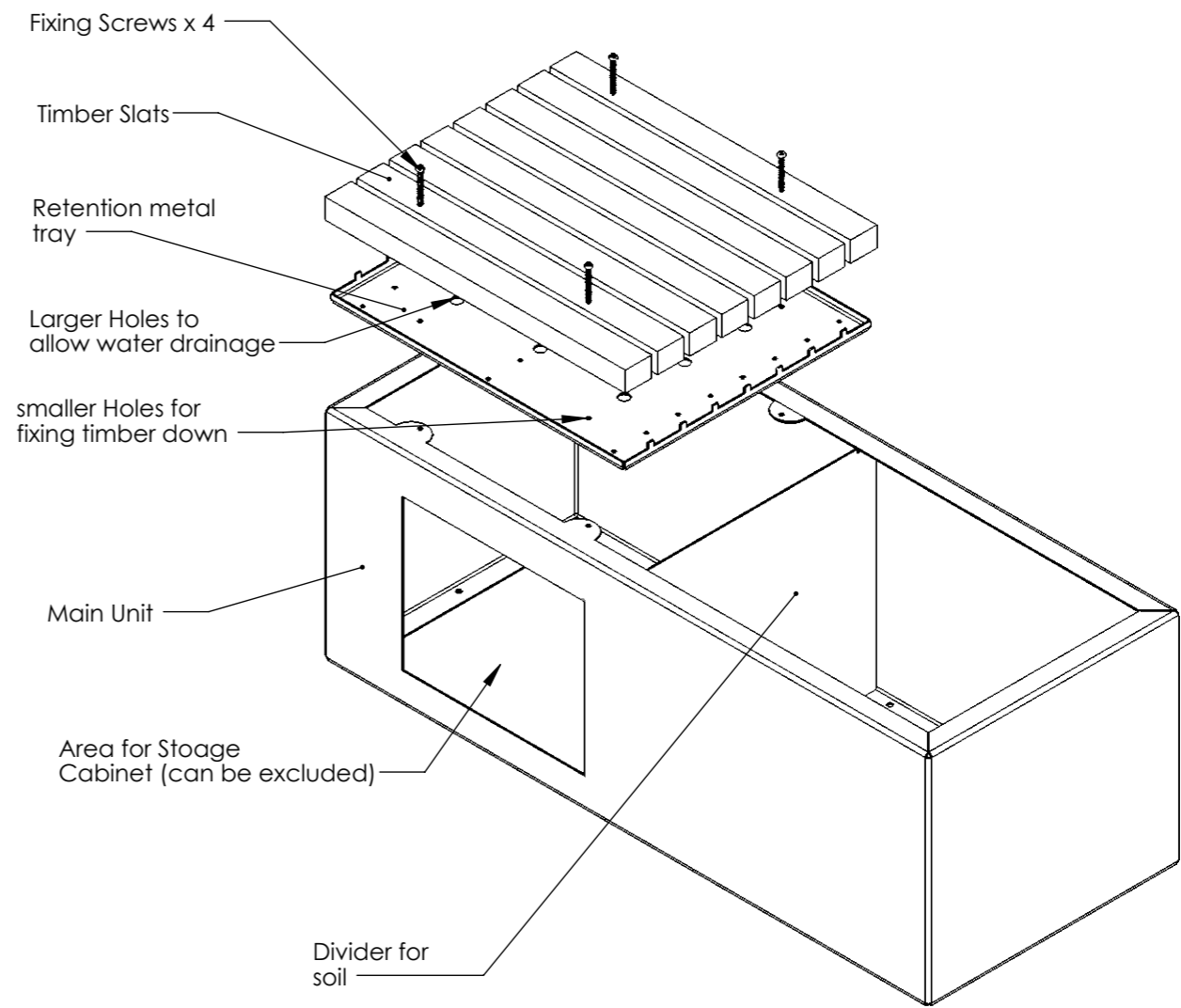



Flow Straight Unit Details

Straight Bench example



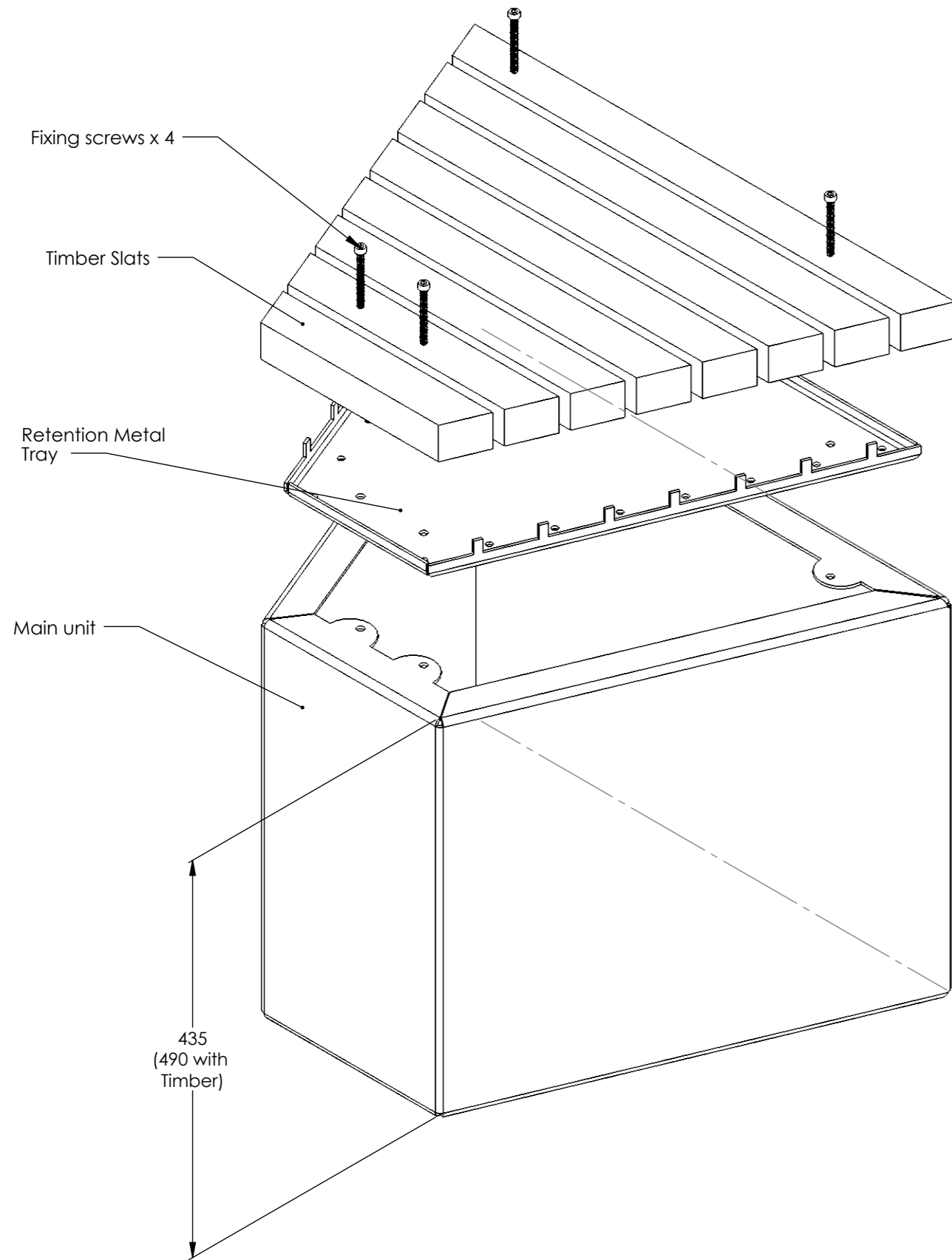
Straight Half planter, half bench example



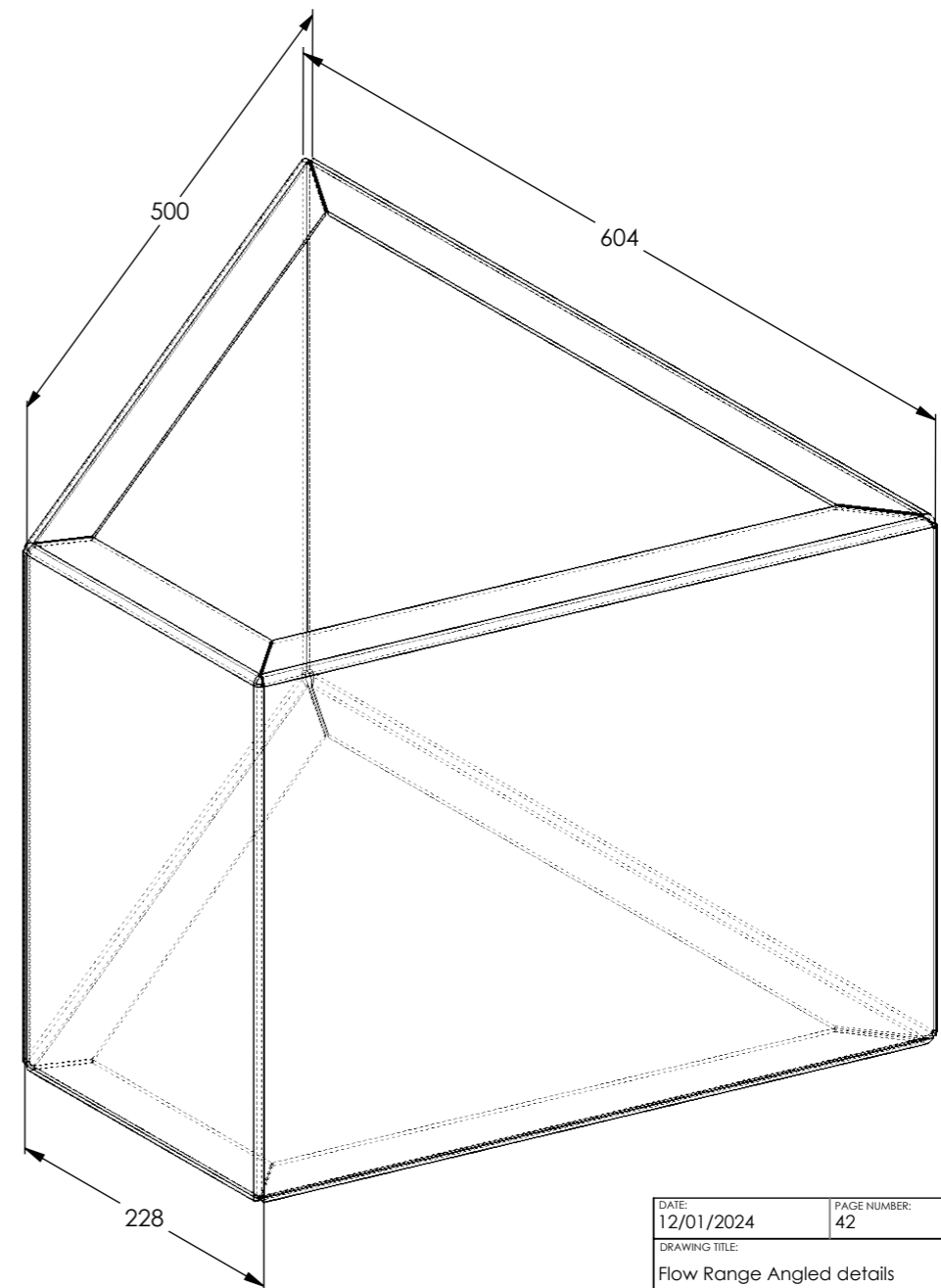
DATE: 12/01/2024	PAGE NUMBER: 41	SHEET SIZE: A3
DRAWING TITLE: Flow Straight Unit Details		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		
		


Flow Range Angle Details

45 degree Bench example

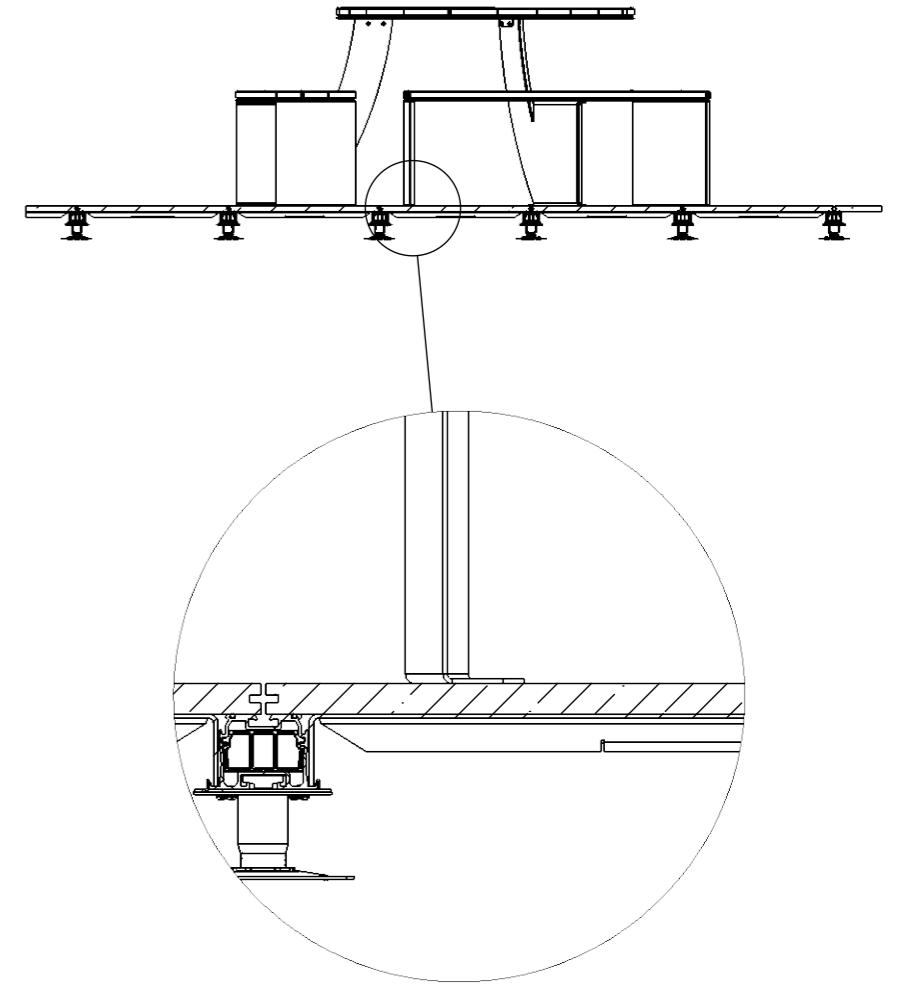
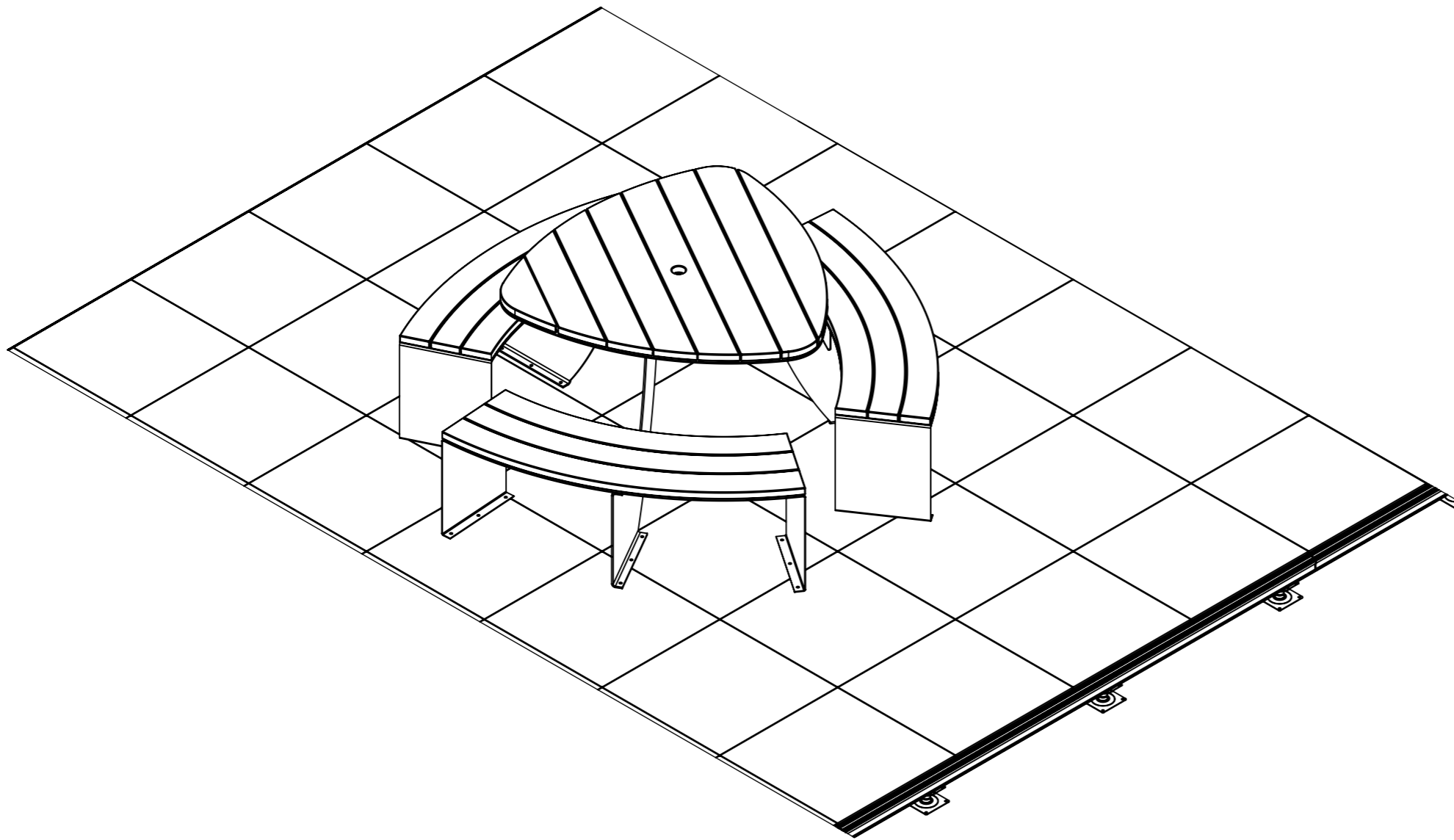


45 degree planter example



DATE: 12/01/2024	PAGE NUMBER: 42	SHEET SIZE: A3
DRAWING TITLE: Flow Range Angled details		
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AL-FRESCO EXAMPLE



**DETAIL B
SCALE 1 : 5**

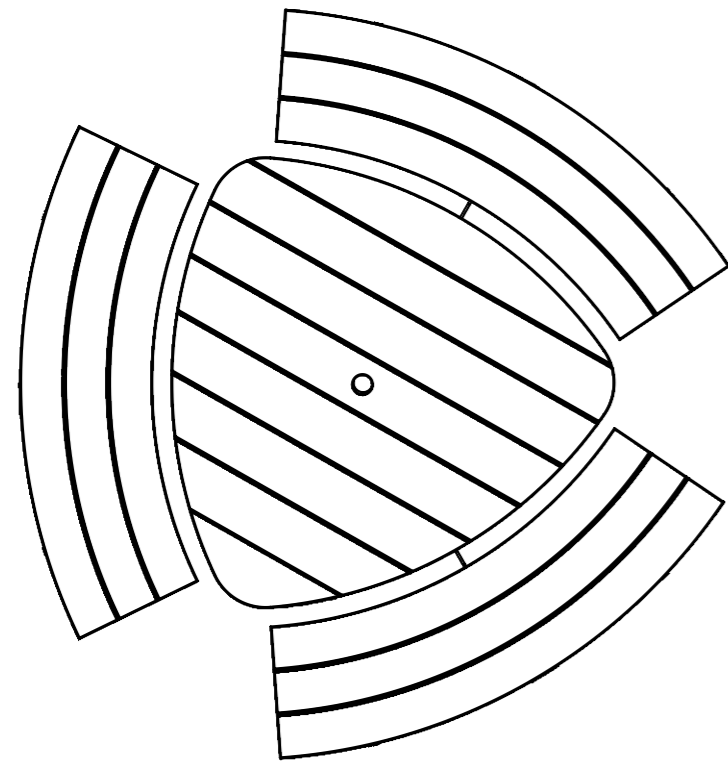
**FOR THE AL-FRESCO PICNIC BENCH,
IT WILL BE FREESTANDING.**

**THE ABOVE DETAIL ILLUSTRATES THE
PRODUCT SITUATED UPON THE FFL.**

DATE: 12/01/2024	PAGE NUMBER: 43	SHEET SIZE: A3
DRAWING TITLE: Al-Fresco Example		
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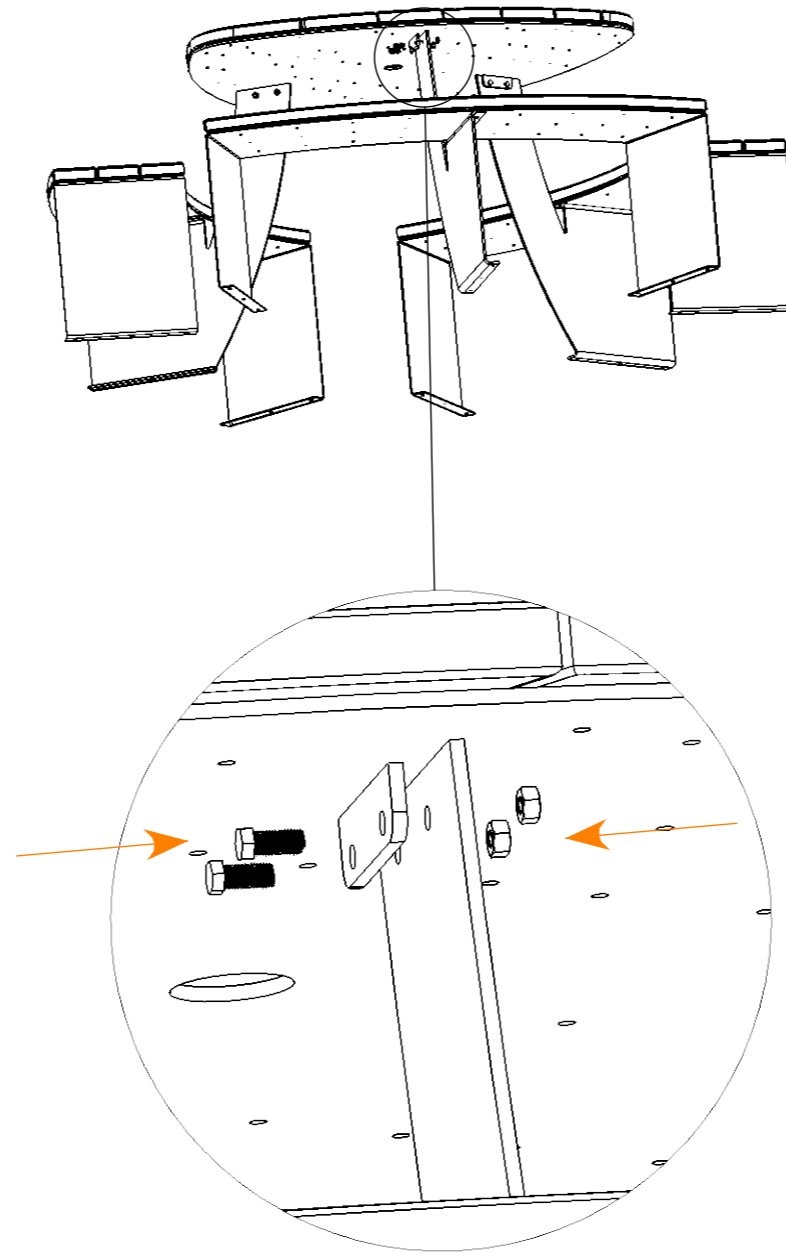
AL-FRESCO DETAILS

CONCENTRICITY



Concentricity plays a large part within this design, the fact that the benches and table are aligned gives a feel of community within the bench.

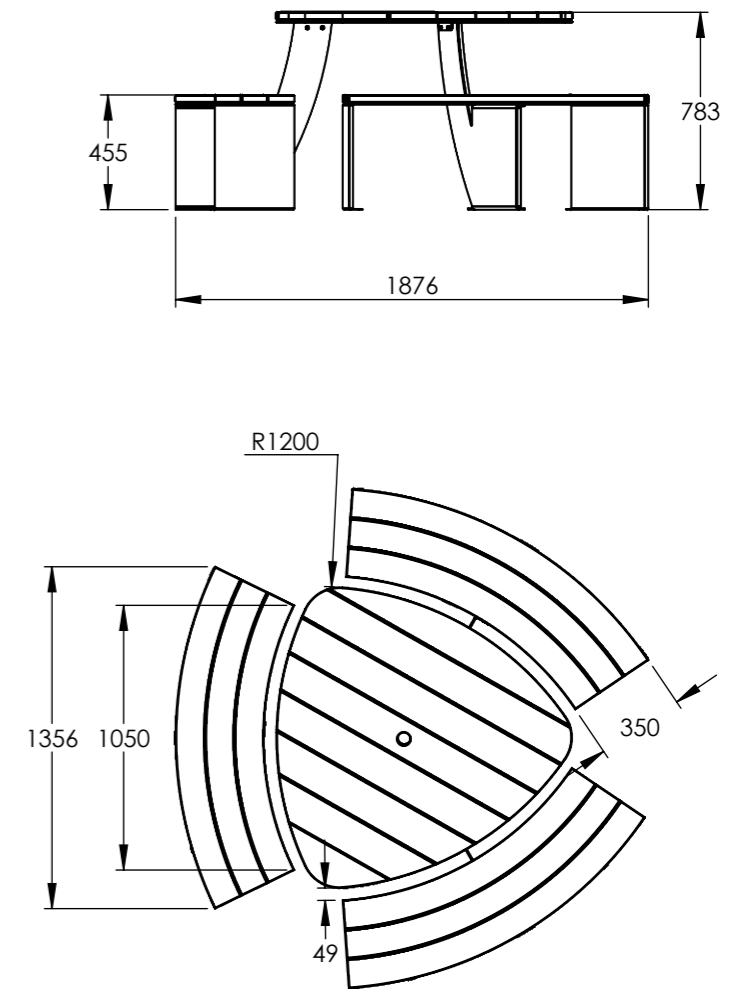
ASSEMBLY



DETAIL A
SCALE 1 : 3

The benches and surface will come with the wooden slats pre-assembled. All that remains is to bolt them together (illustrated above) on site.

KEY DIMENSIONS



DATE: 16/01/2024	PAGE NUMBER: 44	SHEET SIZE: A3
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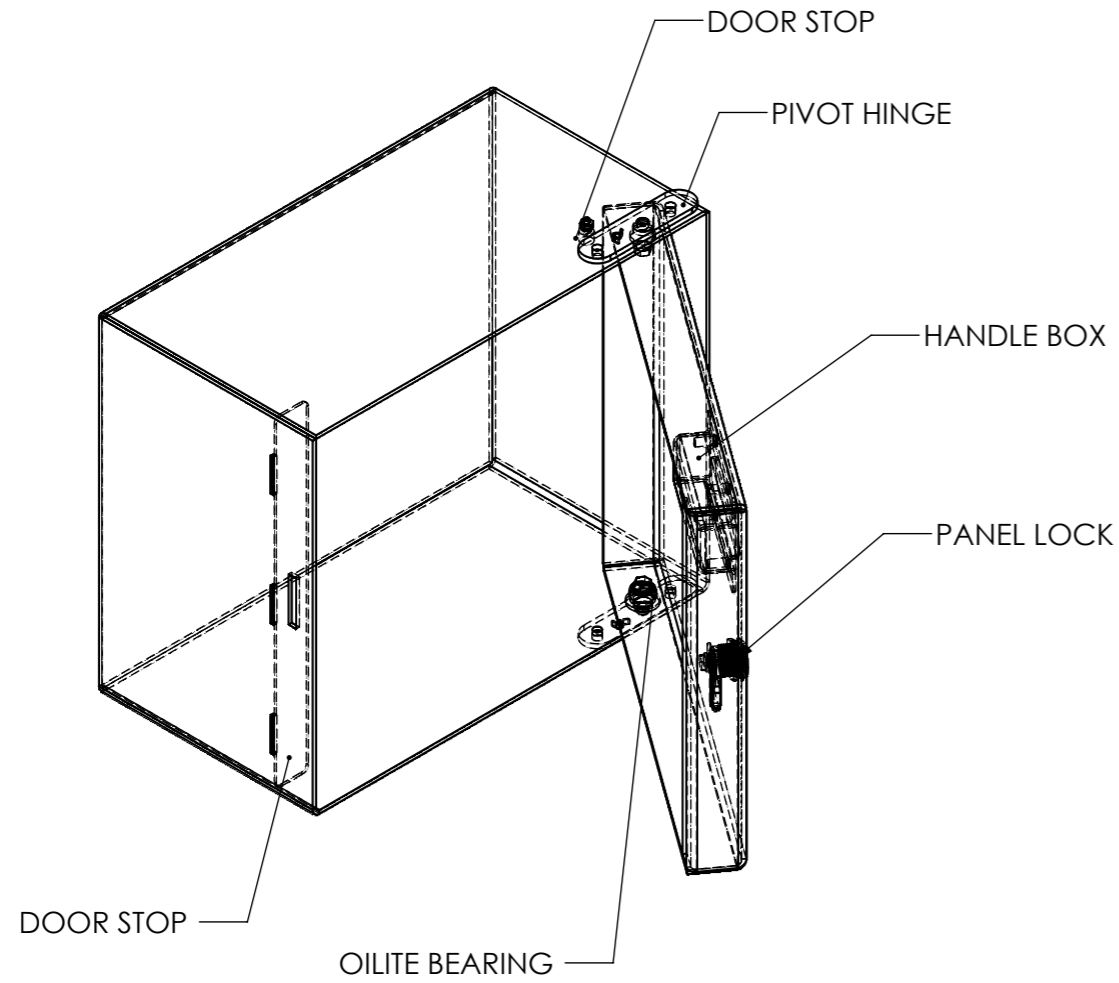
DRAWING TITLE:
Al-Fresco Details

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London
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Tel: +44 (0)20 3146 7879
Email: technical@raaft.co.uk



CABINET DOOR

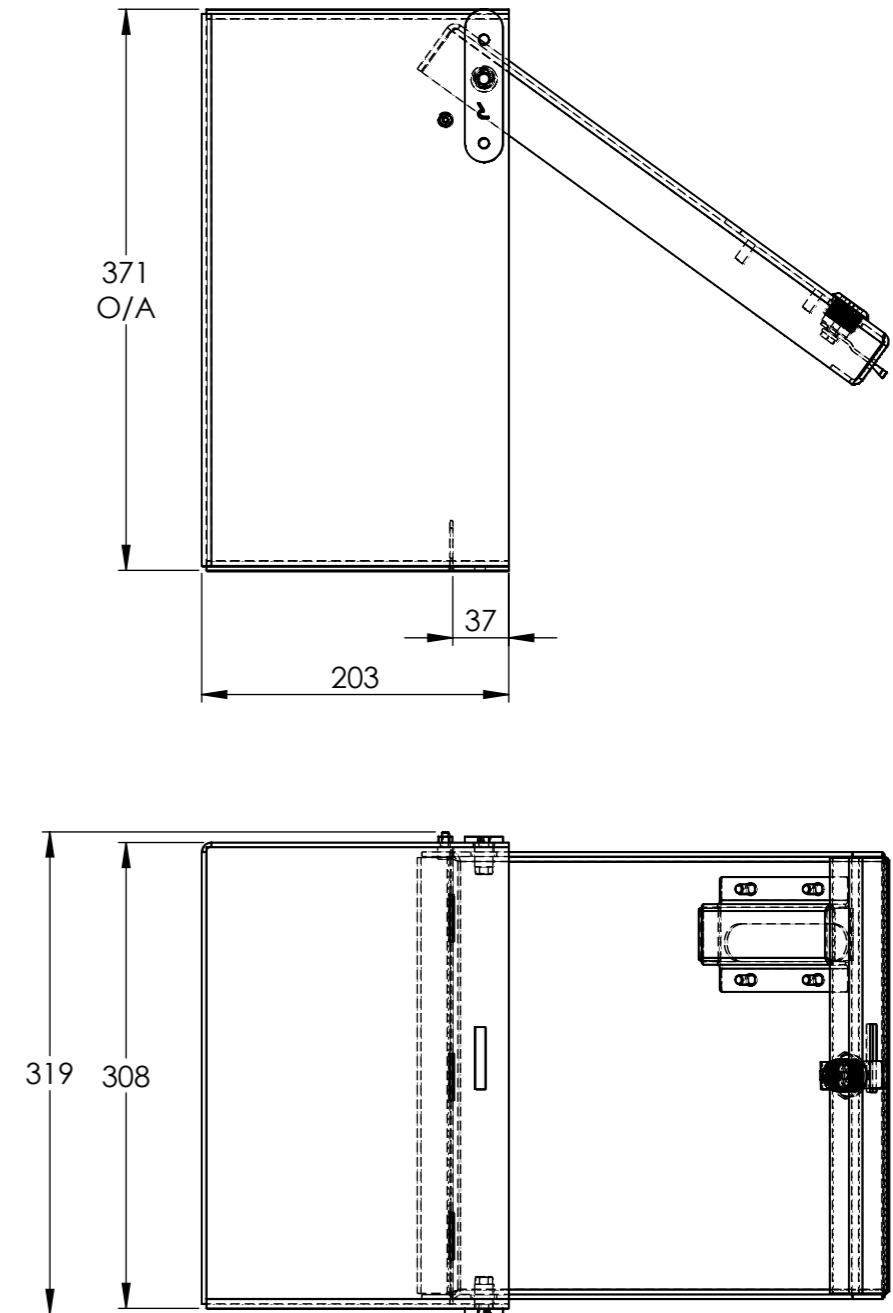
KEY INFORMATION




THE CABINET DOOR IS A PRODUCT THAT HAS BEEN CREATED IN RESPONSE TO THE NEED OF A SET SPACE WITHIN OTHER PRODUCTS. (PLANTERS AND FLOW RANGE FOR EXAMPLE)

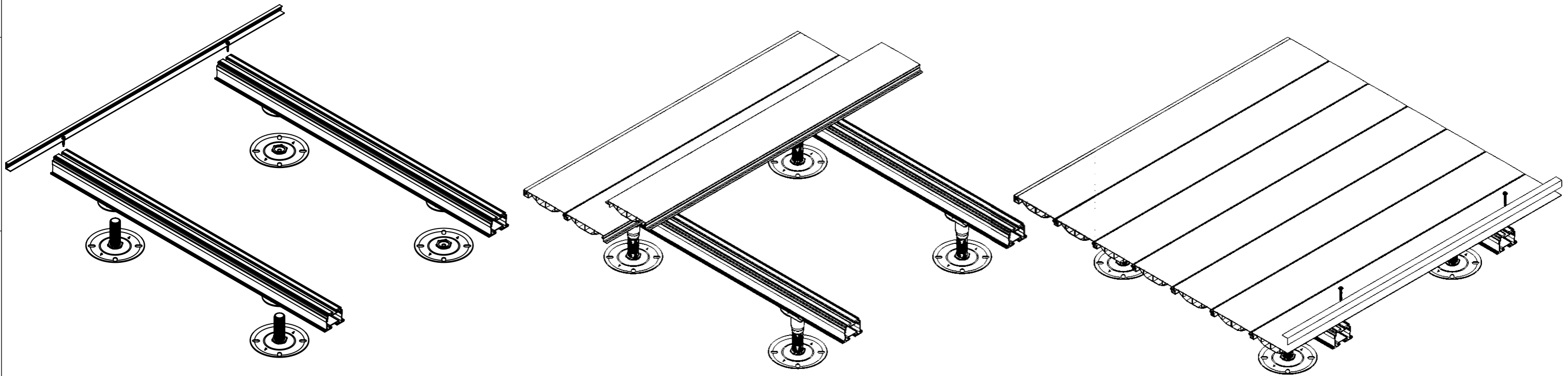
THEREFORE, THE SIZE ABOVE IS JUST ONE EXAMPLE, THIS PRODUCT WILL BE LARGELY PROJECT SPECIFIC.

KEY DIMENSIONS

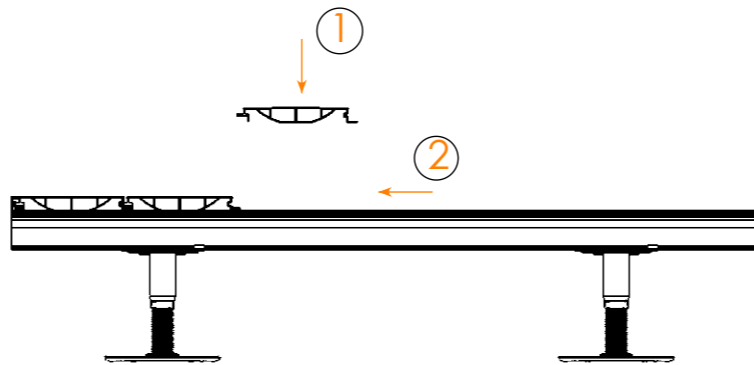


DATE: 18/01/2024	PAGE NUMBER: 45	SHEET SIZE: A3
DRAWING TITLE: CABINET DOOR		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		
		

Aluminium Decking Assembly

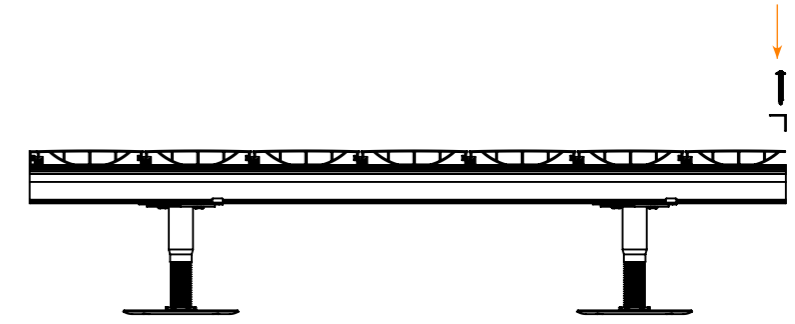


THE STARTER RAIL IS SCREWED DOWN, AND FROM THIS POINT THE DECKING BOARDS CAN BE SLOTTED TOGETHER AND THEN SCREWED DOWN FROM ONE END.




THE PROCESS OF ADDING EACH DECKING BOARD WILL BE TO PLACE THE BOARD ON THE RAIL, THEN SLIDE IT INTO THE CONNECTING SLOT.

DETAILS OF THIS WILL BE ON PAGE 46.



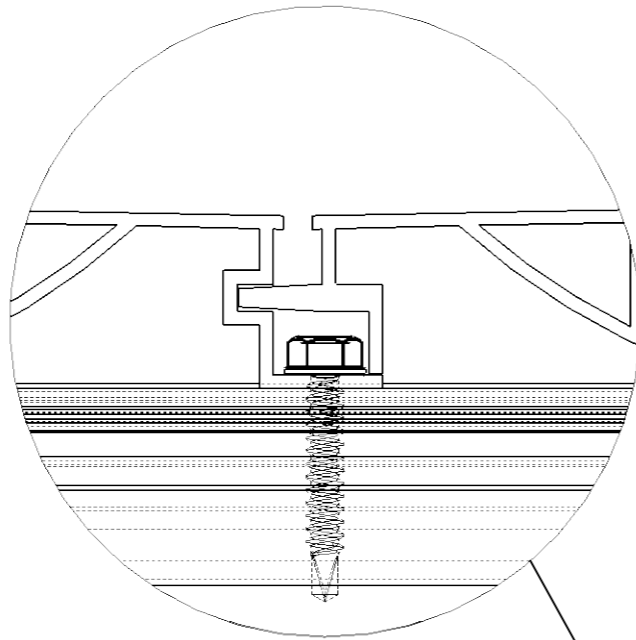
AT THE END OF THE BOARD THERE NEEDS TO BE AN END RAIL. THIS WILL MEAN THAT AN END BOARD WILL BE CUT DOWN AND THEN HAVE THE END RAIL SCREWED DOWN.

DATE: 12/01/2024	PAGE NUMBER: 46	SHEET SIZE: A3
DRAWING TITLE: Aluminium Decking Assembly		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		
		

Aluminium Decking Details

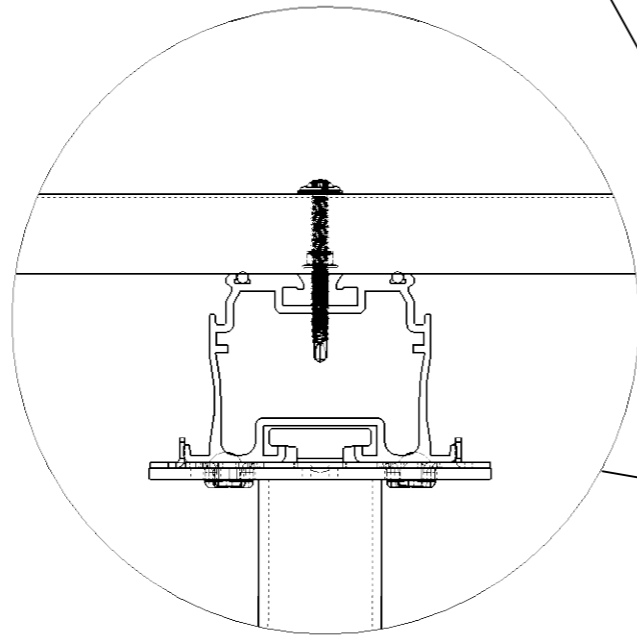
The Connection

This detail shows how the boards will slot into one another. It also shows the space for the screw to fix each board down.



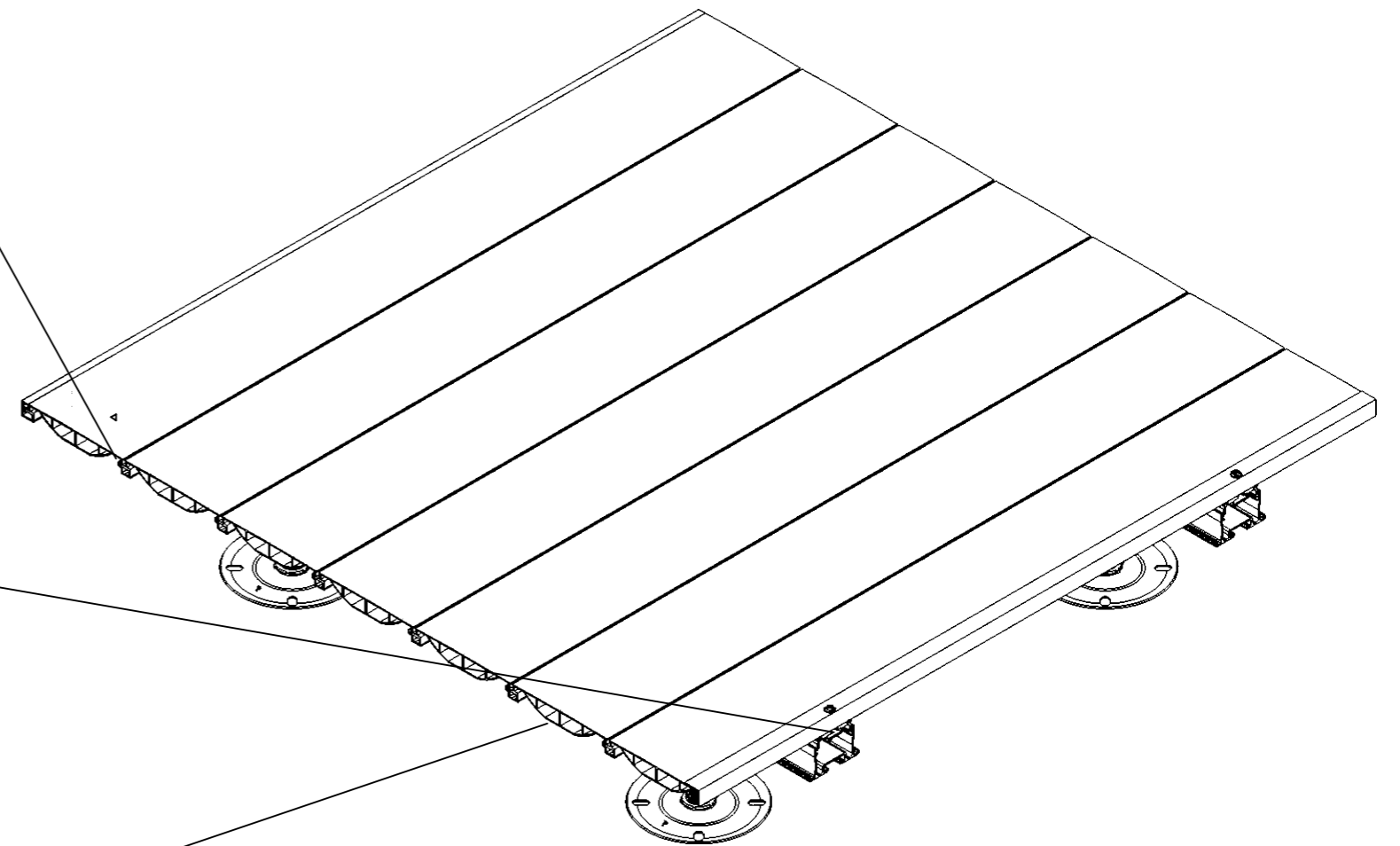
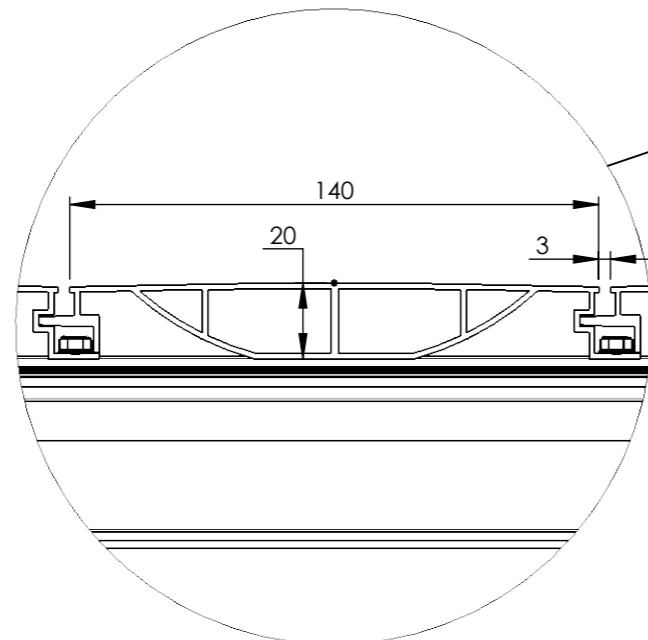
The Screws

This detail shows how the screws will penetrate into the joist below keeping the decking secure.

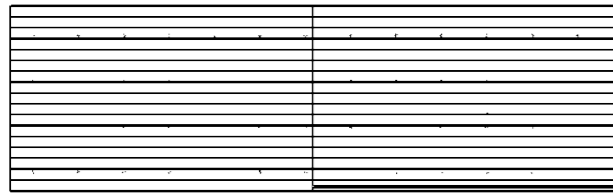


Key Dimensions

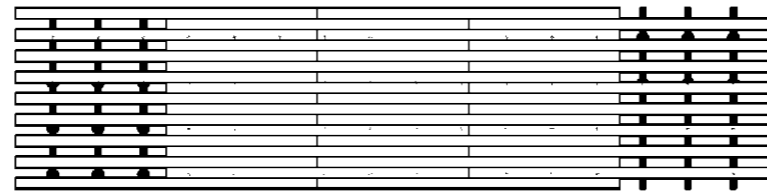
This detail shows that the gap between each of the boards is 3mm, with the maximum height being 20mm, and the maximum width being 140mm



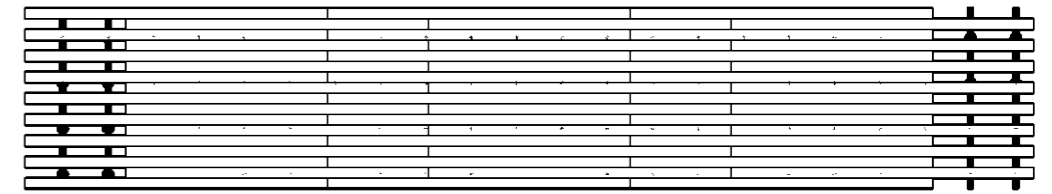
Aluminium Decking Board Layouts



Straight



1/2
Offset



1/3
Offset



Aluminium Decking boards are available
in the following dimensions:

Width: 140mm
Length: 4, 5 or 6m
Height: 20mm

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DRAWING TITLE: Aluminium Decking Layout		
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