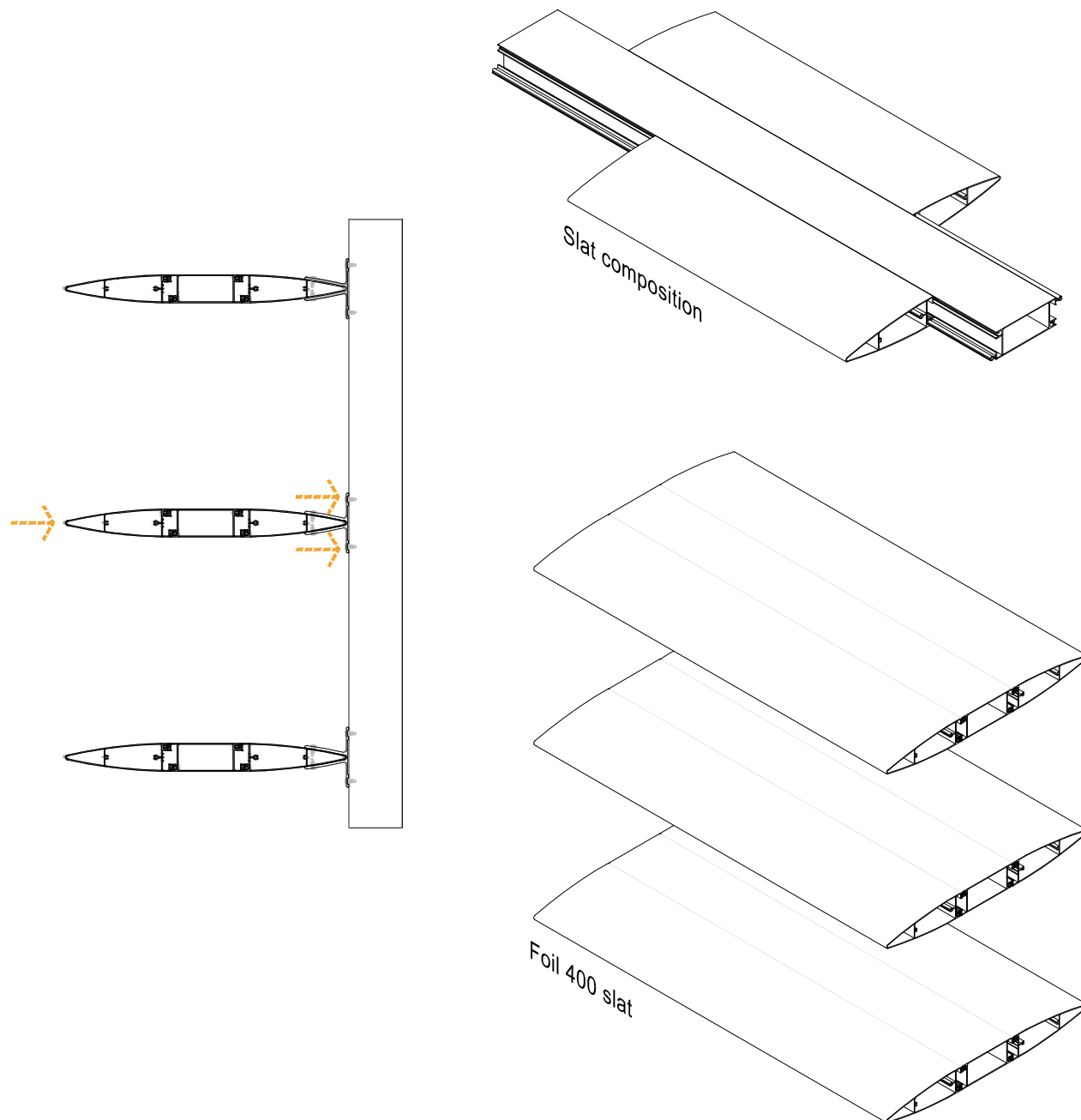


FOIL 400

MECHANICAL ASSEMBLY SYSTEM

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Date: October 2020
Dimensions: mm. (in.)



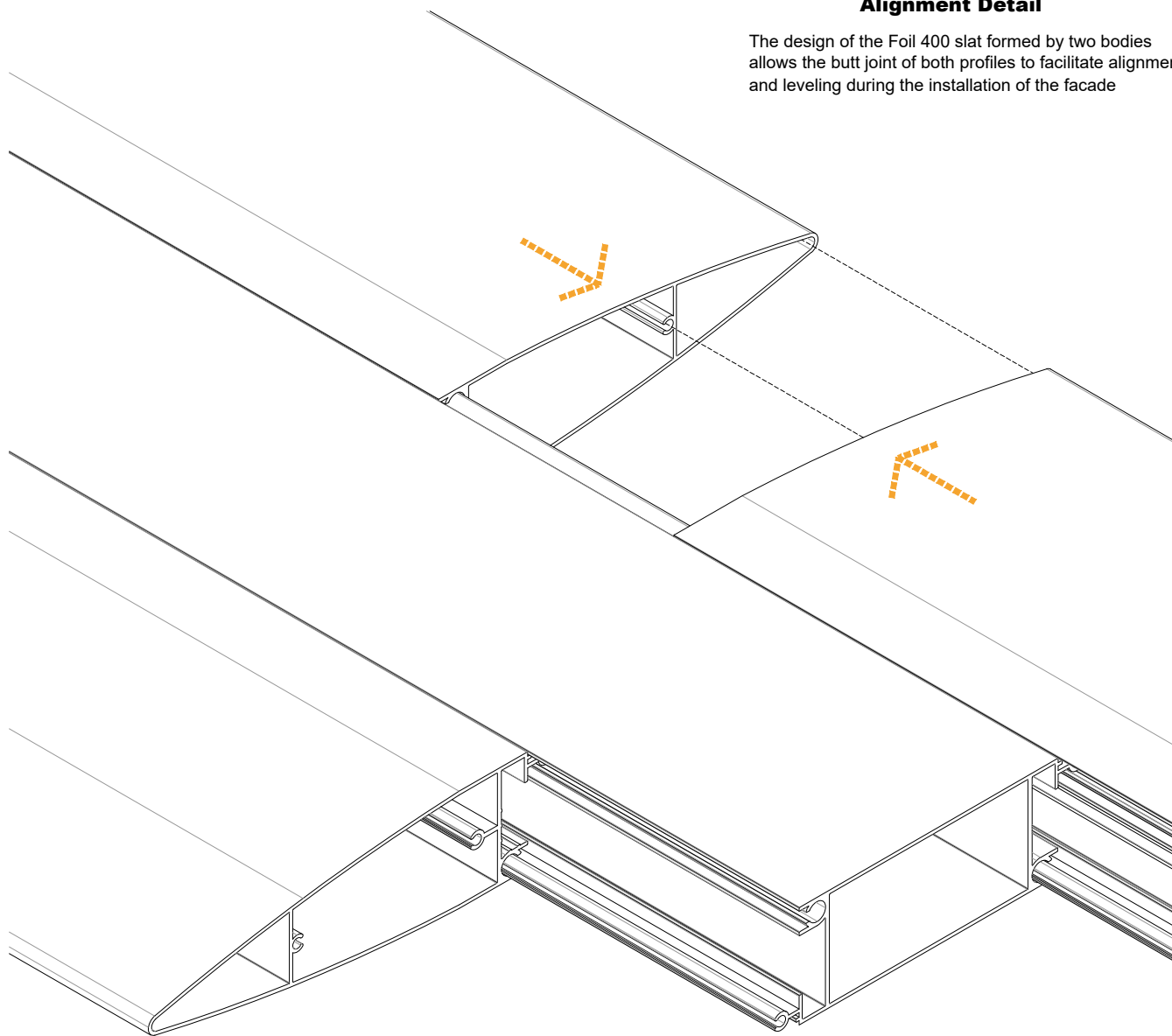
FOIL 400

BUTT JOINT INSTALLATION FOR SLAT ALIGNMENT

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Alignment Detail

The design of the Foil 400 slat formed by two bodies allows the butt joint of both profiles to facilitate alignment and leveling during the installation of the facade



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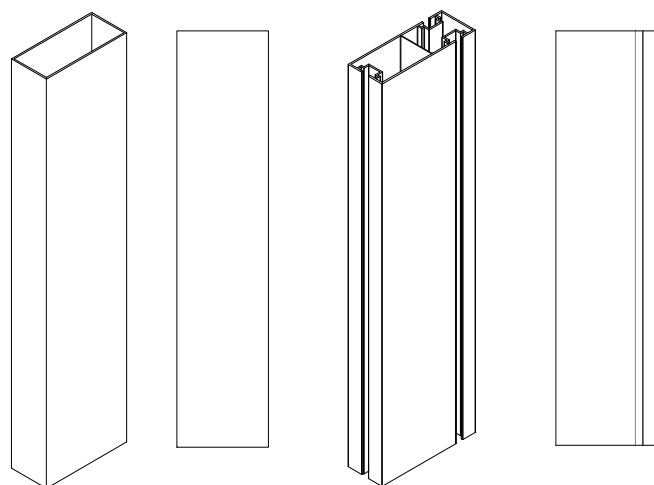
Date: October 2020
Dimensions: mm. (in.)



FOIL 400

SELECTION OF SUPPORTS ACCORDING TO THE SEPARATION BETWEEN ANCHORS

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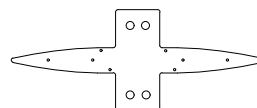
Option

B

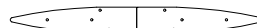
Option

C

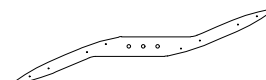
Components



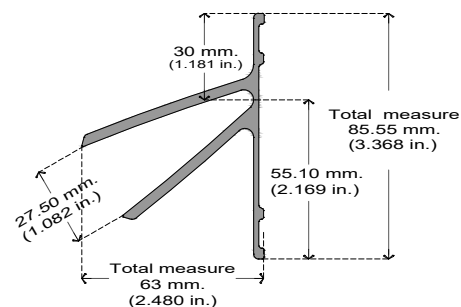
Aluminum side plate 90°



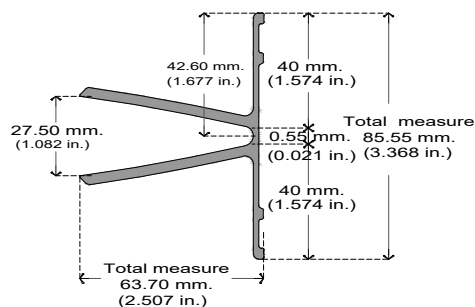
Side cap Foil 400



Aluminum side plate projected duo



Aluminum 60° bracket



Aluminum 90° bracket

Distances for installation of structural supports

Nm Structural support options

B Basic support 100X44 (3.93x1.73 in.)

C Basic facade support 110X40 (4.33x1.57 in.)

D Aluminum component anchored to construction site

Maximum distance (DA)

3300 mm. (129.92 in.)

4000 mm. (157.48 in.)

>4000 mm.

Maximum distance (DV)

3500 mm. (137.79 in.)

4000 mm. (157.48 in.)

Maximum distance between slat attachment horizontal installation

Maximum distance between slat attachment vertical installation

1 Aluminium L bracket 4 x 4 x 1/4"

2 Aluminium L bracket 2 x 4 x 1/4"

3 Aluminium L bracket 2 x 2 x 1/4"

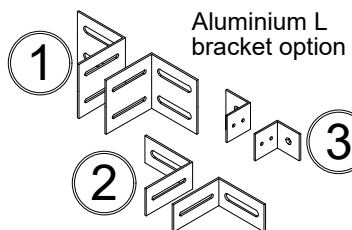
Nm Structural support options

DA Maximum distance between structural support anchors

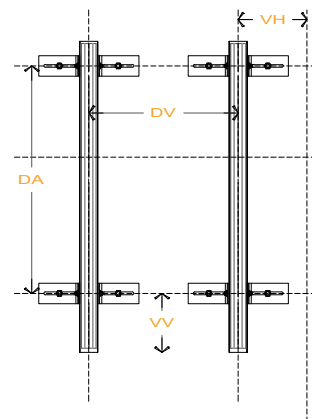
DV Maximum distance between slat attachment

VV Maximum vertical cantilever (support) 500 mm. (19.65 in.)

VH Maximum horizontal cantilever



Aluminium L bracket option



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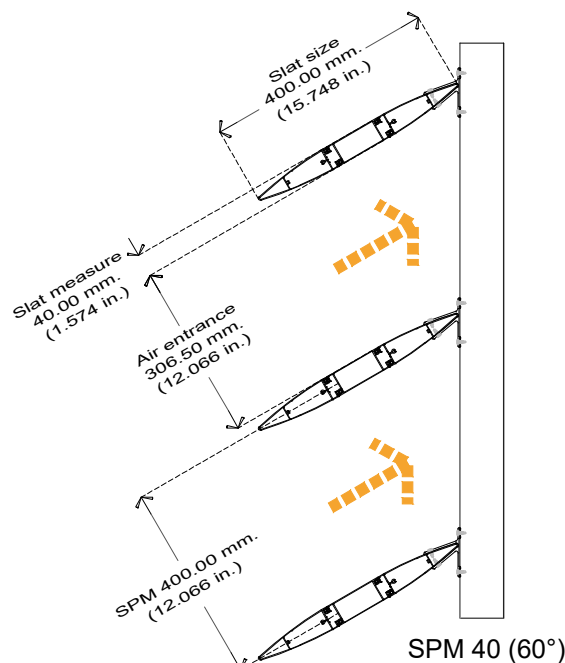
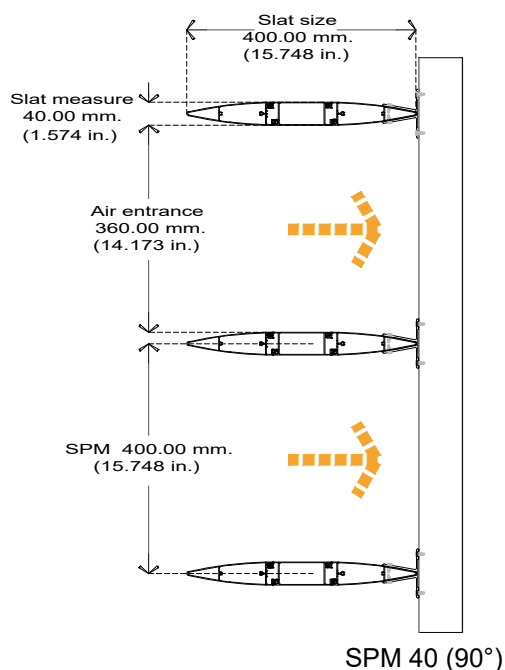
Dimensions: mm. (in.)



FOIL 400

SPECIFICATION PARAMETERS AND TESTS

Page 04-13



Number of slats per meter (SPM)

2.50

Clearance between slats	400.00 mm. (15.748 in.)
Free area (%)	90.00%
DA Maximum distance between anchors, basic support installation (76 x 44 - 2.99x1.73 in.)	2700 mm. (106.29 in.)
DA Maximum distance between anchors, basic support installation (100 x 44 - 3.93x1.73 in.)	3300 mm. (129.92 in.)
DA Maximum distance between anchors, basic support installation (110 x 40 - 4.33x1.57 in.)	4000 mm. (157.48 in.)
DV Maximum distance between slat attachment horizontal installation	4000 mm. (157.48 in.)
DV Maximum distance between slat attachment vertical installation	3500 mm. (137.79 in.)
Emittance according to ASTM C 1371 / Clear anodized and raw aluminium	0.645
Reflectance according to ASTM C 1549 / Clear anodized and raw aluminium	0.759
Accelerated aging to ASTM G151 / Clear anodized and raw aluminium	0.000

Extruded aluminium alloy 6063, tempering T5, post-consumption content 51.60%, pre-consumption content 13.70% Snap-on anchored slats to vertical supports, without screws to avoid risk of oxidation

*N.T.: Test not performed

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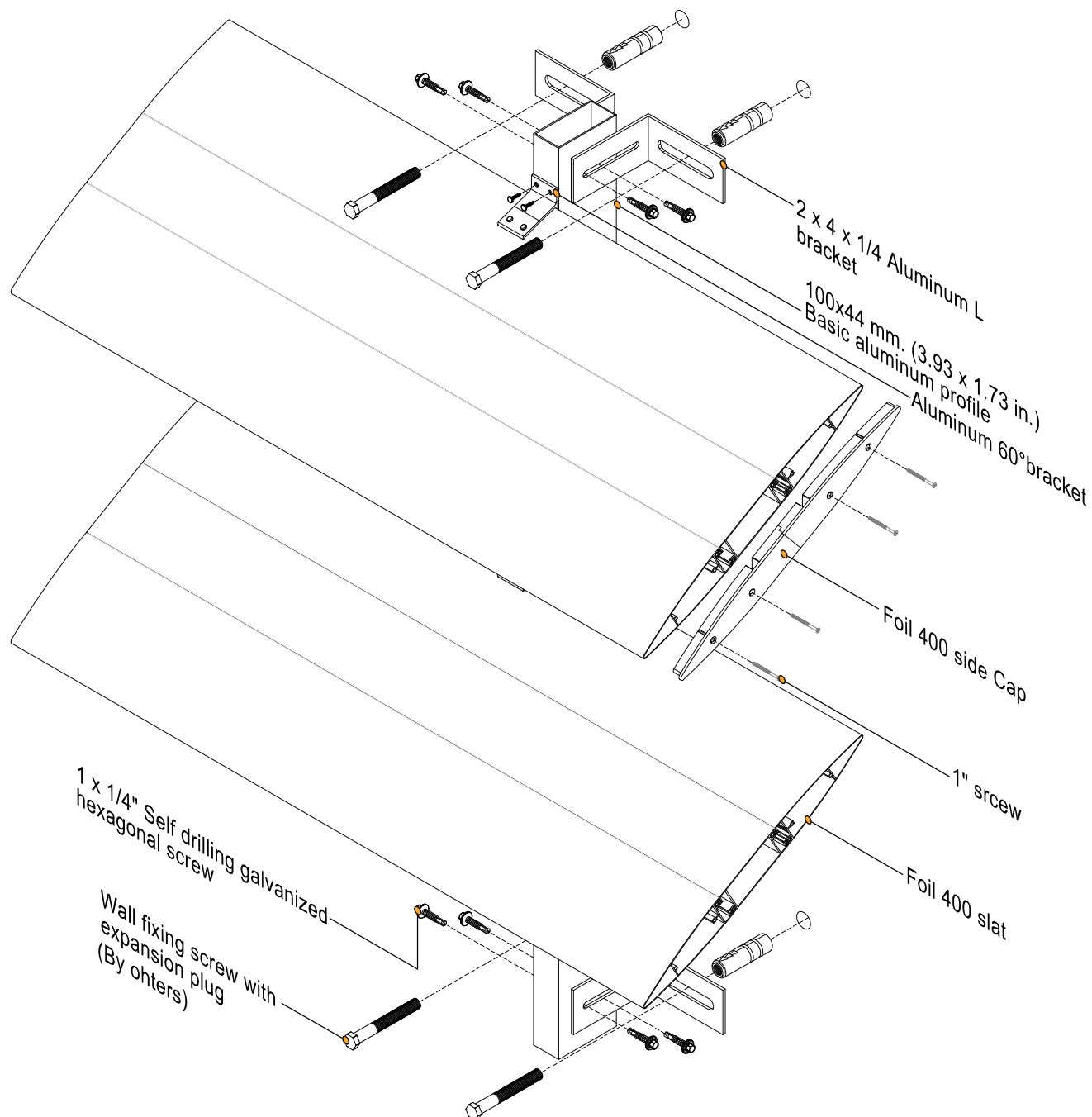
Date: October 2020
Dimensions: mm. (in.)



FOIL 400

ANCHORING TO SLABS WITH STRUCTURAL SUPPORT 100 X 44 mm. (3.93X1.73 in.)

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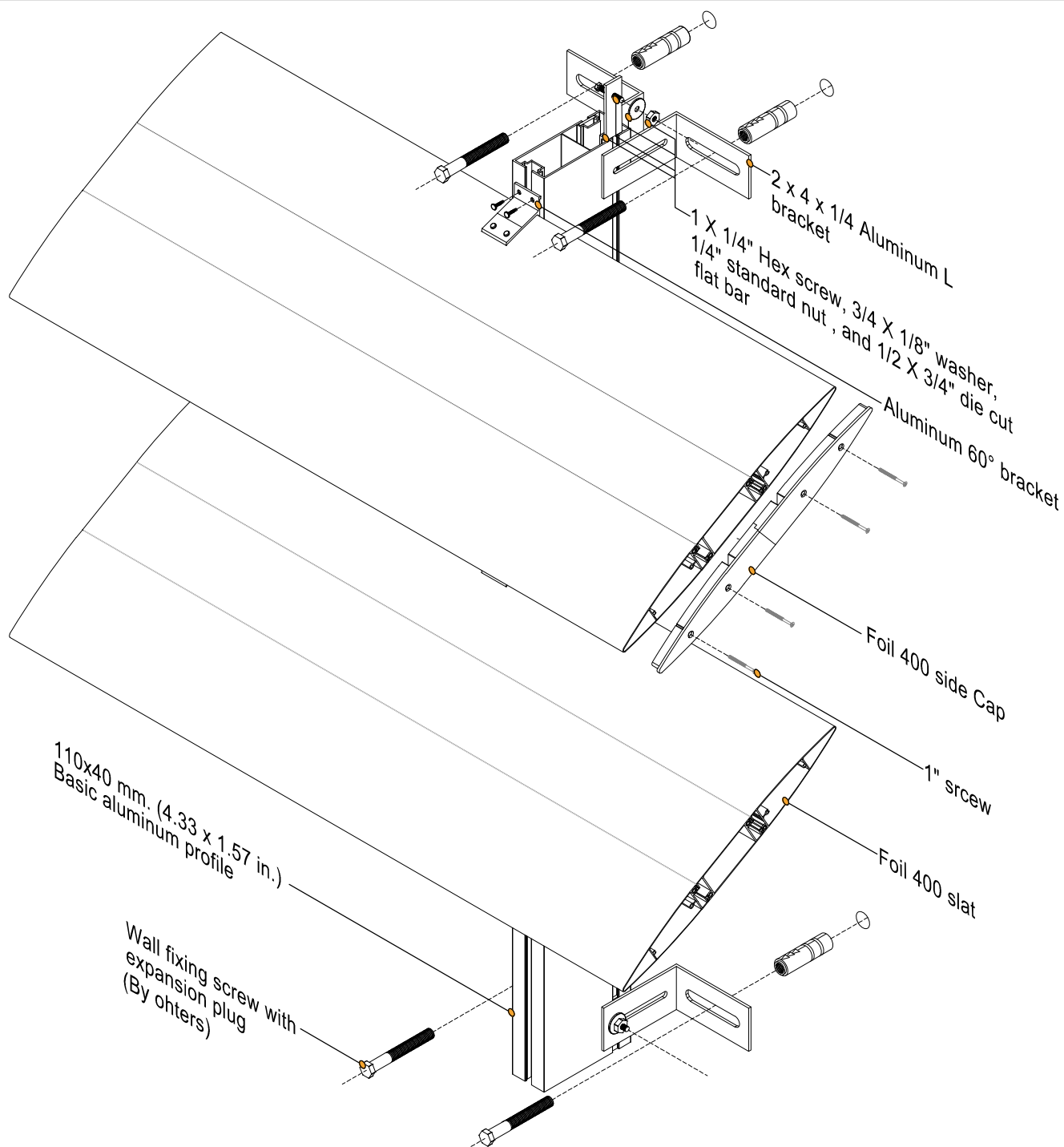
Date: October 2020
Dimensions: mm. (in.)



FOIL 400

ACHORING TO SLABS WITH STRUCTURAL SUPPORT 110 X 40 mm. (4.33X1.57 in.)

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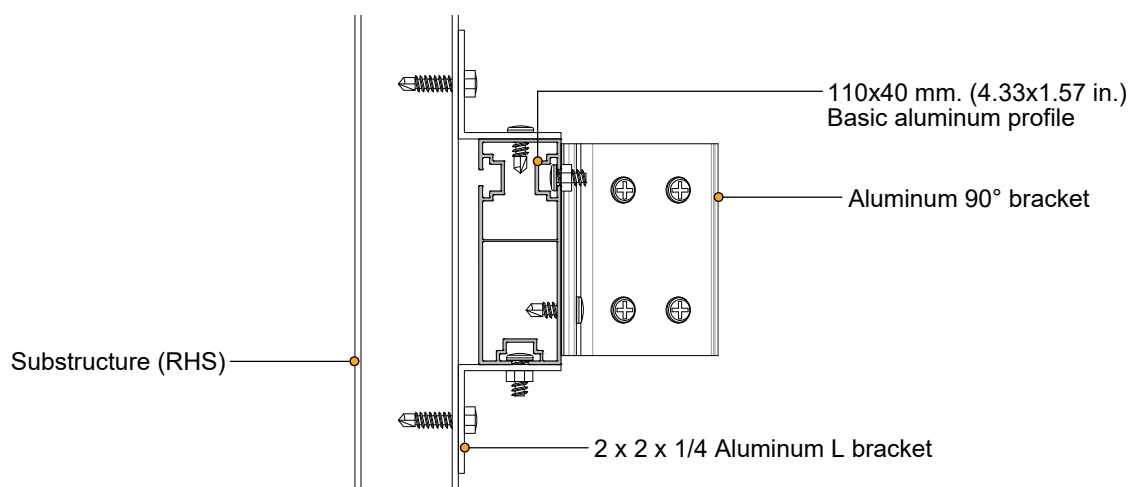
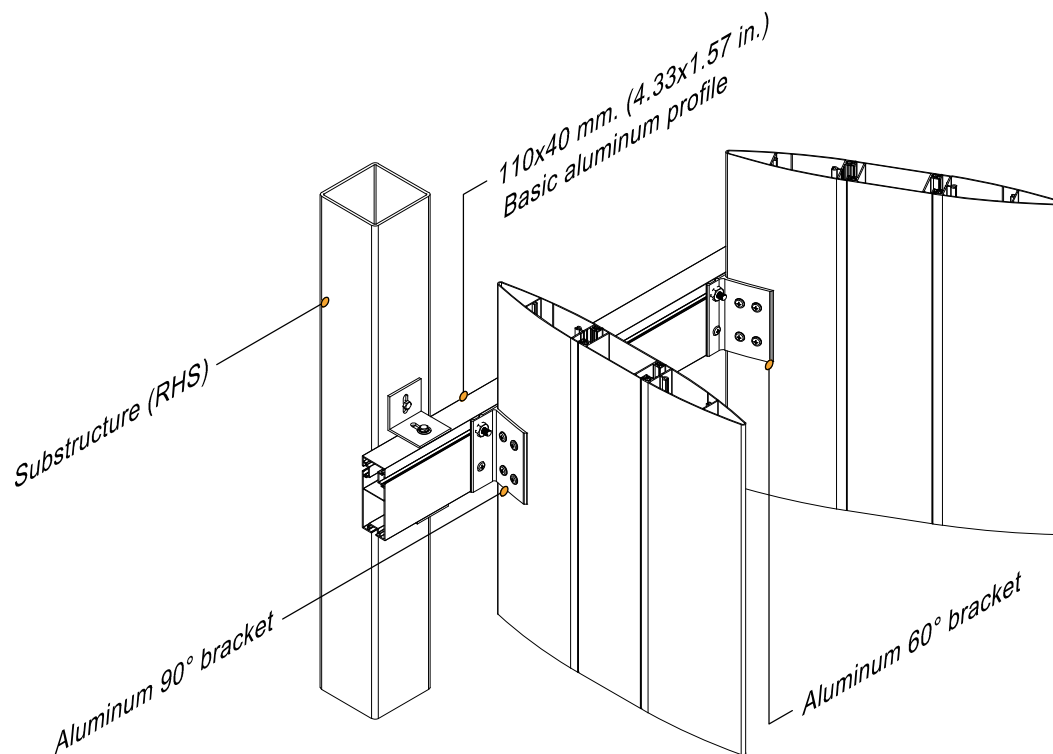
Date: October 2020
Dimensions: mm. (in.)



FOIL 400

110X40 BASIC SUPPORT, ANCHORED TO STEEL SUBSTRUCTURE PROVIDED BY THE CUSTOMER

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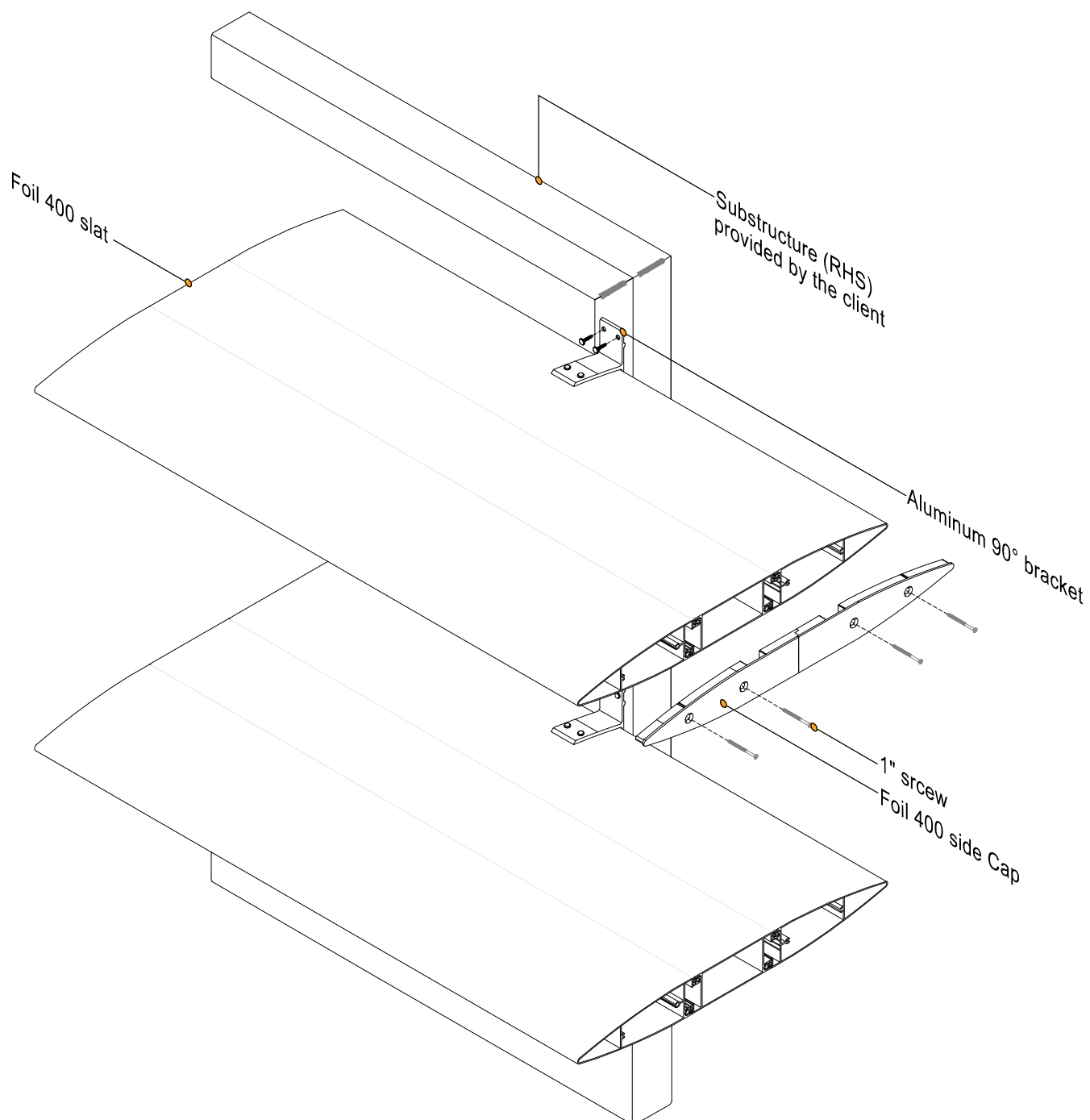
Dimensions: mm. (in.)

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FOIL 400

ANCHORAGE TO SUB STRUCTURE (RHS) PROVIDED BY THE CLIENT

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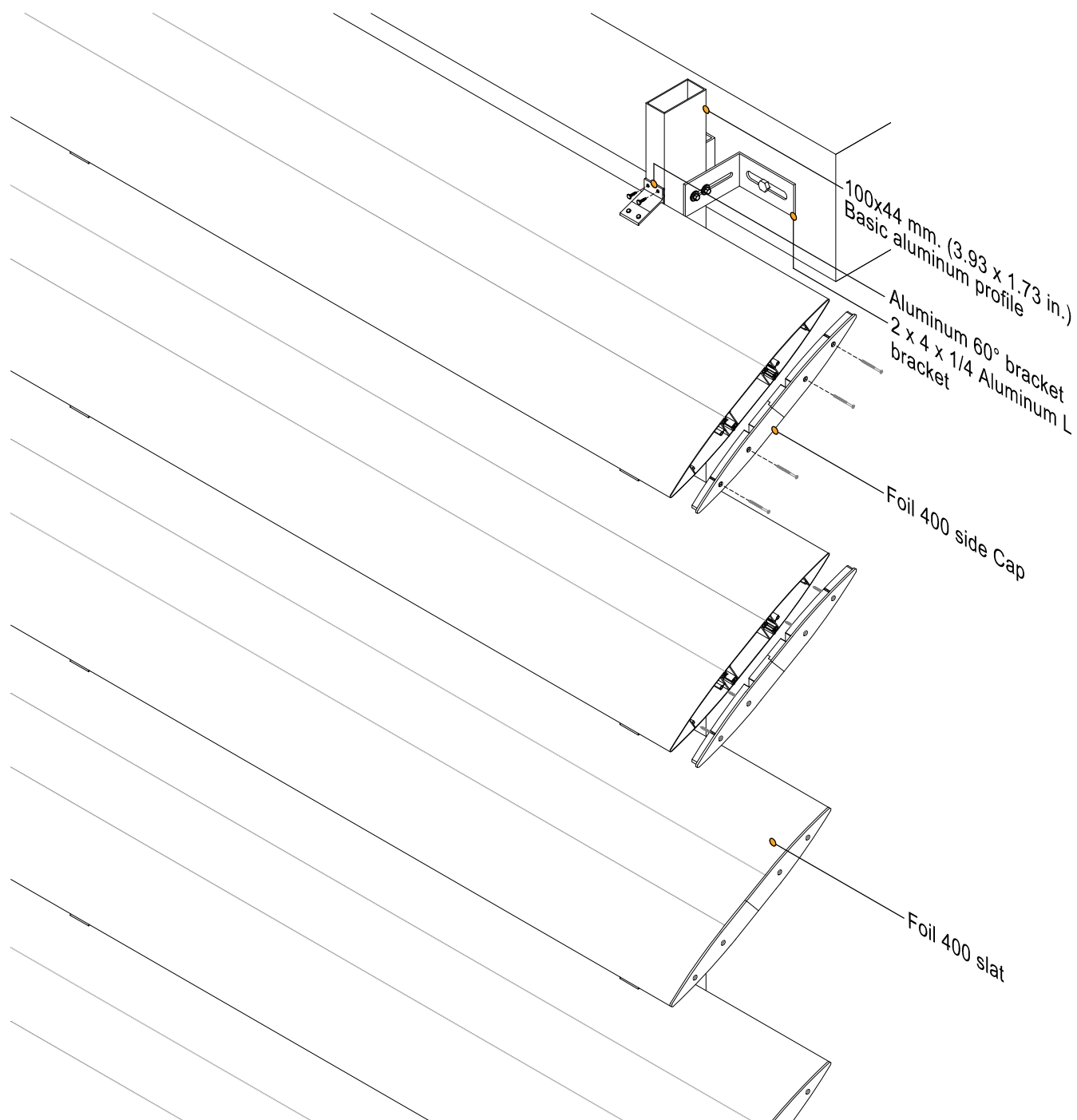
Date: October 2020
Dimensions: mm. (in.)



FOIL 400

FACADE PROPOSAL (SLAT AT 60°)

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Project:
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Authorization:

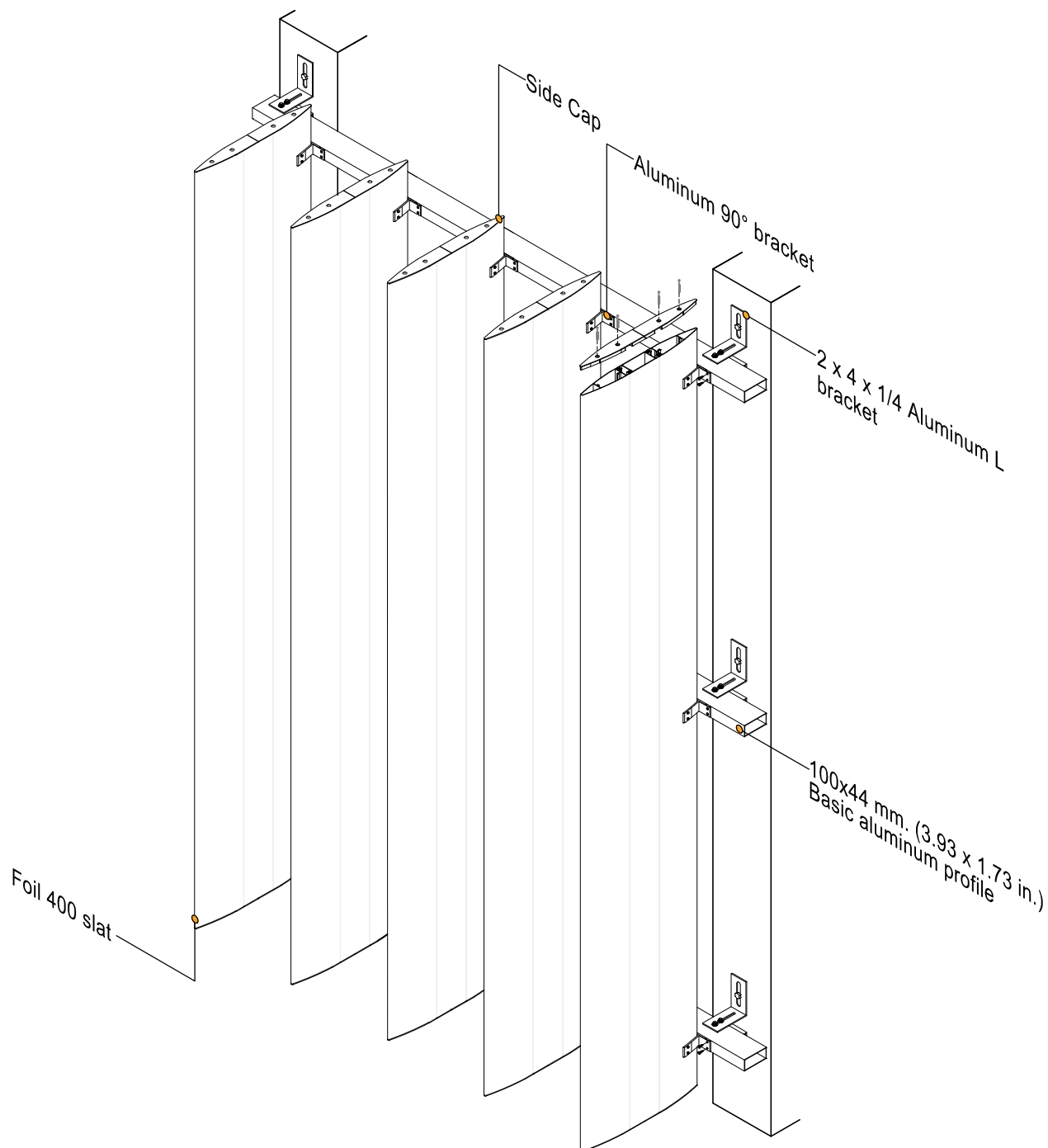
Revision:
Revision:
Date: October 2020
Dimensions: mm. (in.)



FOIL 400

VERTICAL FACADE PROPOSAL (ALUMINUM 90° BRACKET)

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Project:
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Revision:

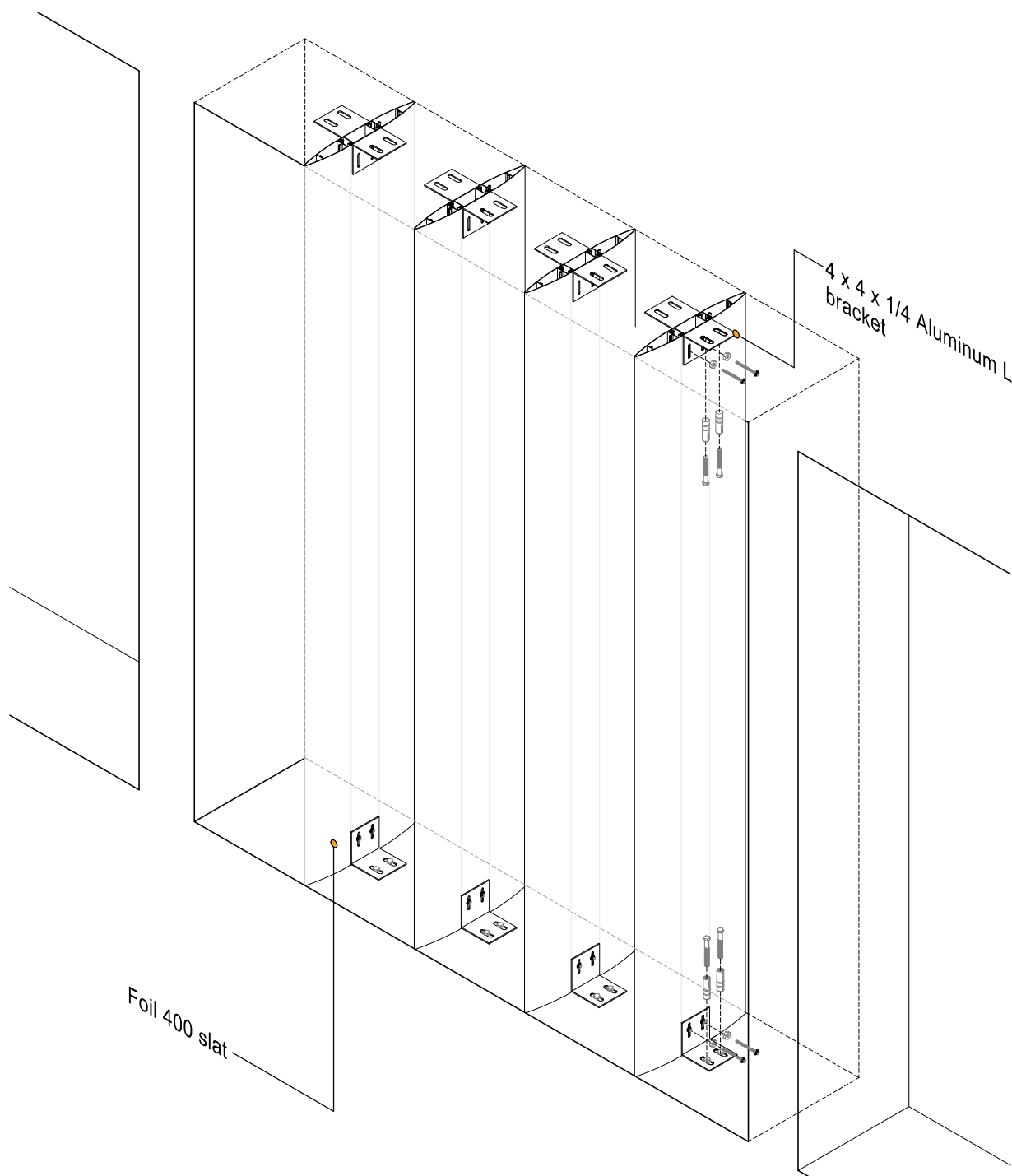
Date: October 2020
Dimensions: mm. (in.)



FOIL 400

PROPOSAL OF VERTICAL FACADE IN BUILDING SPAN (STEEL BRACKETS)

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Project:
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Revision:

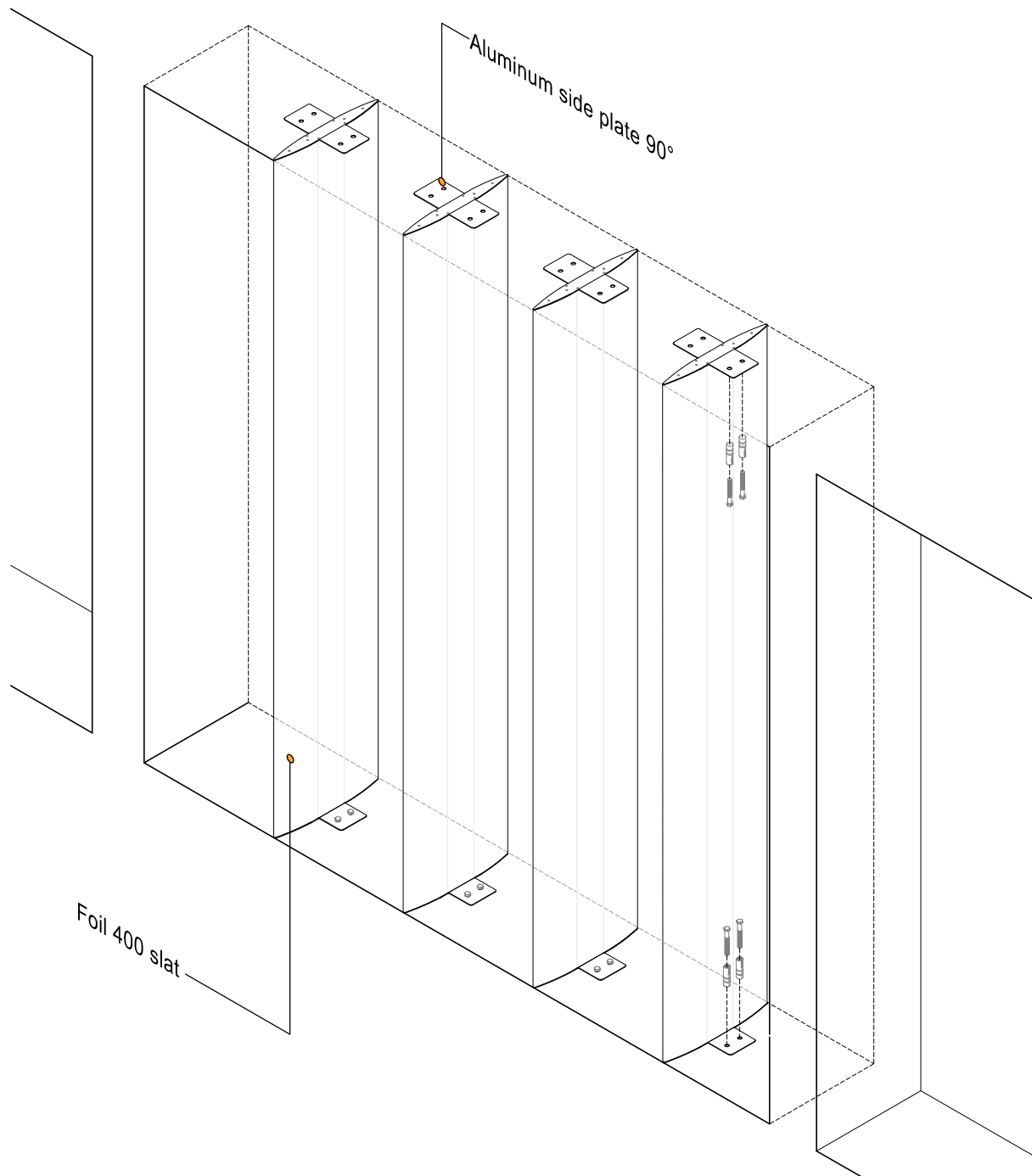
Date: October 2020
Dimensions: mm. (in.)



FOIL 400

PROPOSAL OF VERTICAL FACADE IN BUILDING SPAN (ALUMINUM SIDE PLATE 90°)

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Project:
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Revision:

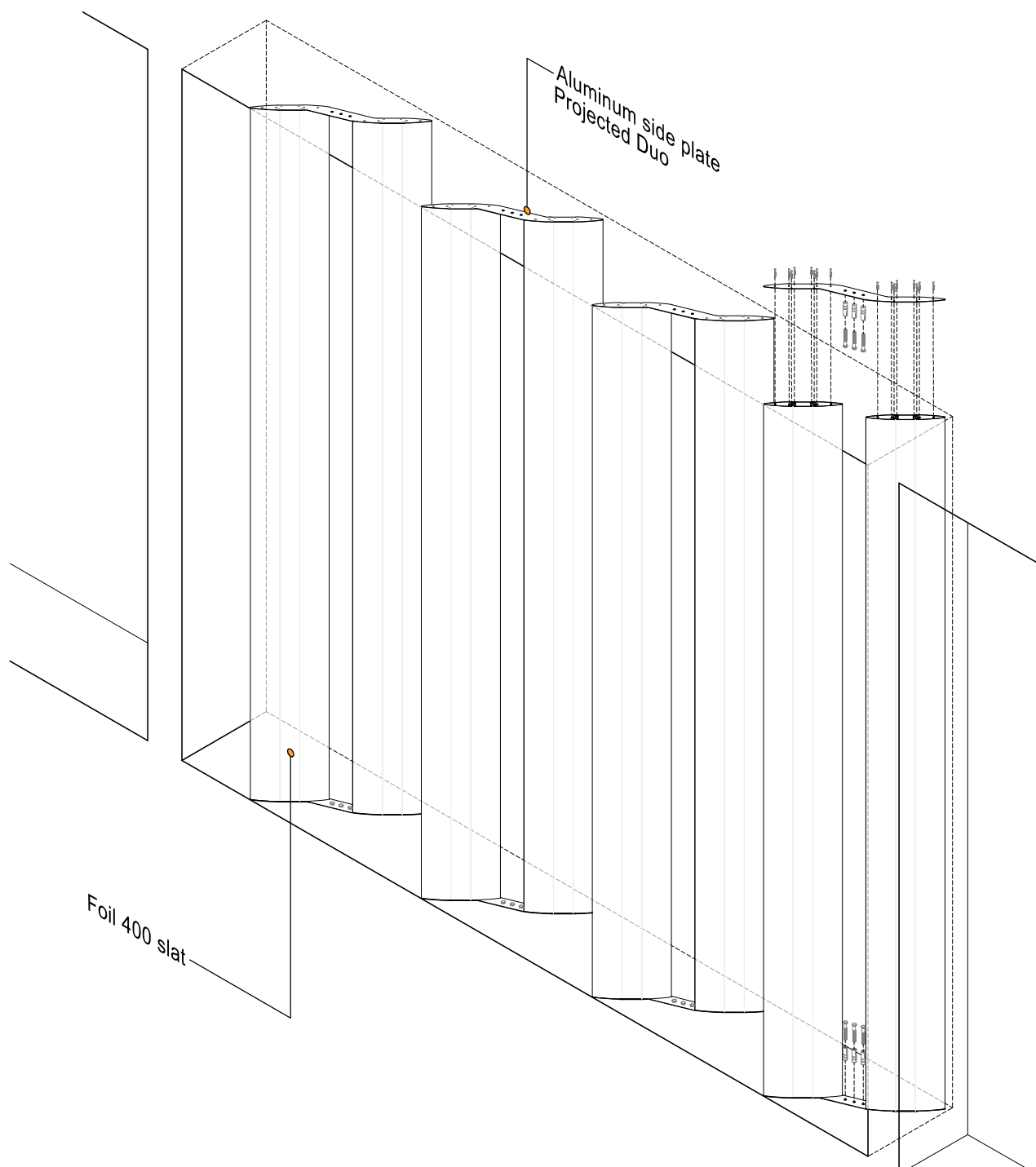
Date: October 2020
Dimensions: mm. (in.)



FOIL 400

PROPOSAL OF VERTICAL FACADE IN BUILDING SPAN (SIDE PLATE PROJECTED DUO)

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Location:
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Revision:
Revision:

Date: October 2020
Dimensions: mm. (in.)

