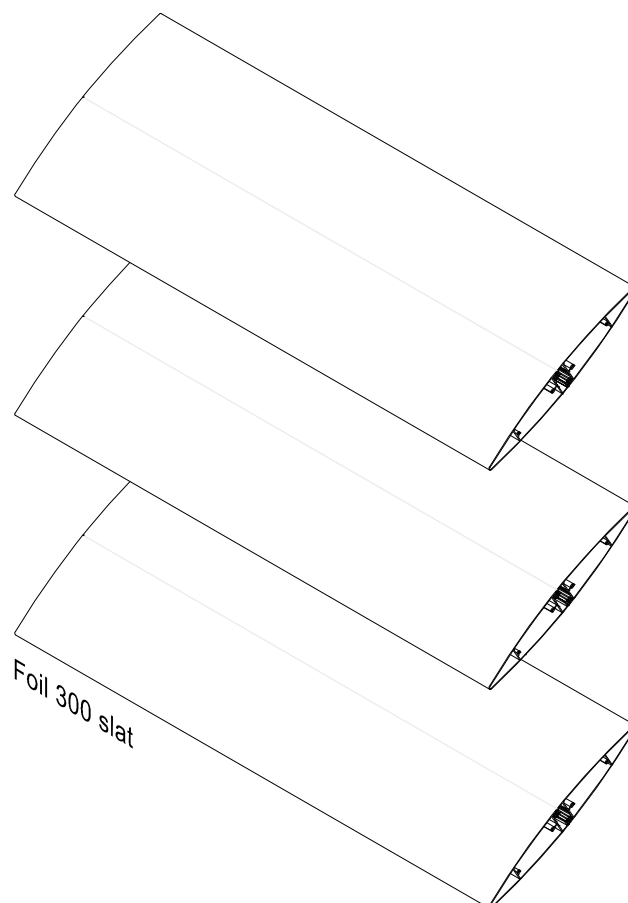
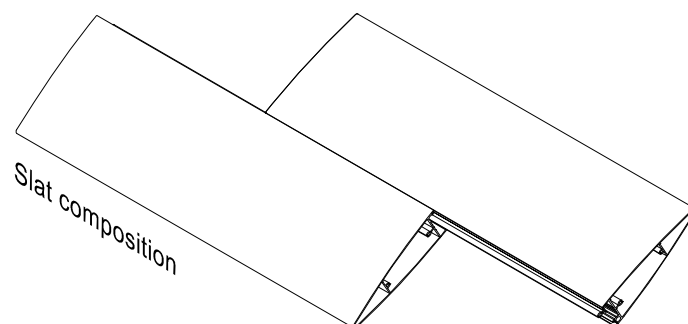
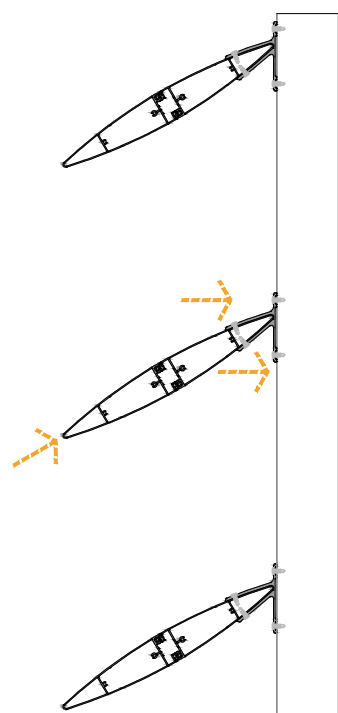


FOIL 300

MECHANICAL ASSEMBLY SYSTEM

Page 01-12



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Dimensions: mm. (in.)



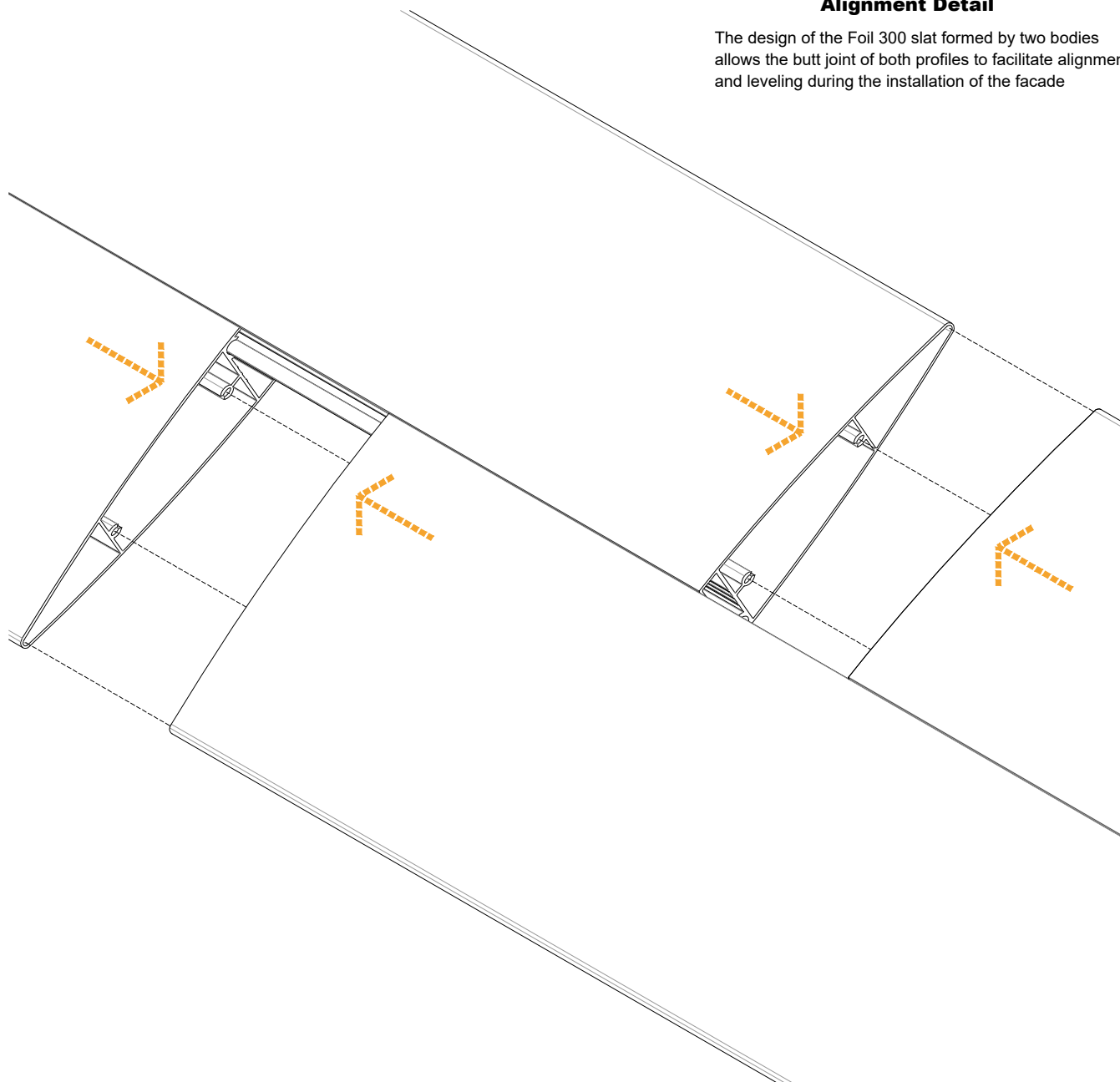
FOIL 300

BUTT JOINT INSTALLATION FOR SLAT ALIGNMENT

Page 02-12

Alignment Detail

The design of the Foil 300 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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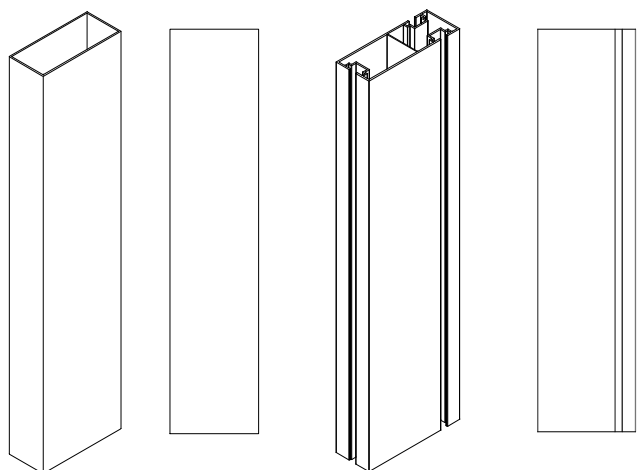


FOIL 300

SELECTION OF SUPPORTS ACCORDING TO THE SEPARATION BETWEEN ANCHORS

Page 03-12

Components

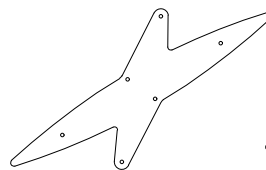


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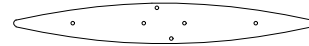
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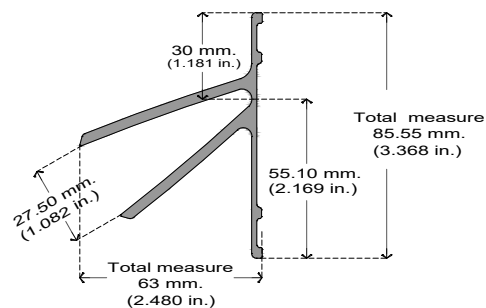
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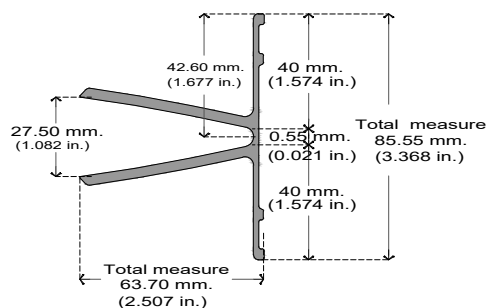
Aluminum side plate 60°



Side cap Foil 300



Aluminum 60° bracket



Aluminum 90° bracket

Distances for installation of structural supports

Nm Structural support options

B	Basic support 100X44 (3.93x1.73 in.)	3300 mm. (129.92 in.)
C	Basic facade support 110X40 (4.33x1.57 in.)	4000 mm. (157.48 in.)
D	Aluminum component anchored to construction site	>4000 mm.

Maximum distance (DA)

Maximum distance between slat attachment horizontal installation

Maximum distance (DV)

Maximum distance between slat attachment vertical installation

3000 mm. (118.11 in.)

3500 mm. (137.79 in.)

- 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"

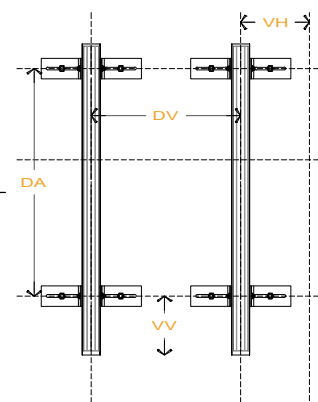
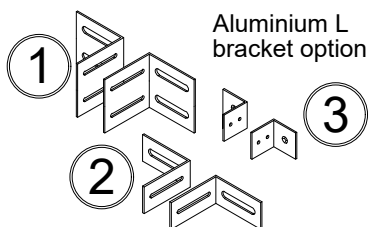
Nm Structural support options

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 (slat) 500 mm. (19.65 in.)



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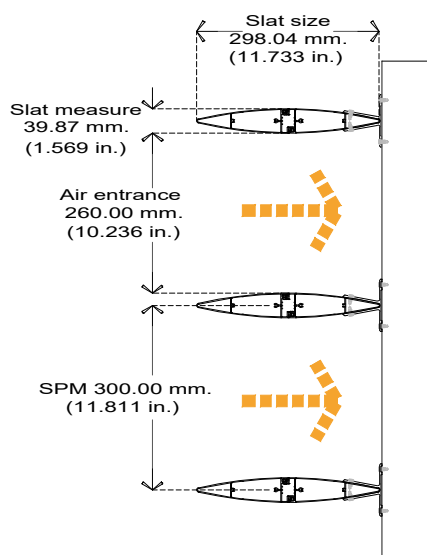
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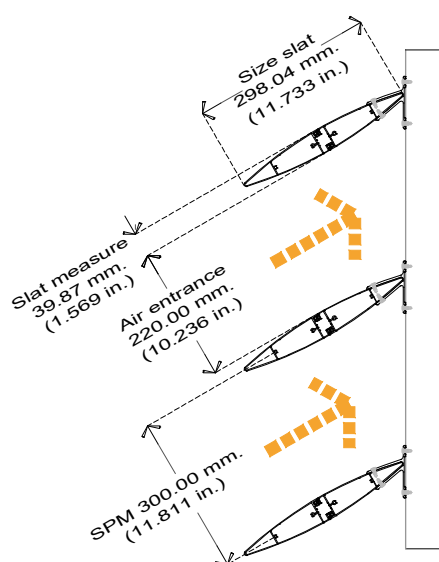
FOIL 300

SPECIFICATION PARAMETERS AND TESTS

Page 04-12



SPM 30 (90°)



SPM 30 (60°)

Number of slats per meter (SPM)

3.33

Clearance between slats	300.00 mm. (11.811 in.)
Free area (%)	86.68%

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	3000 mm. (118.11 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

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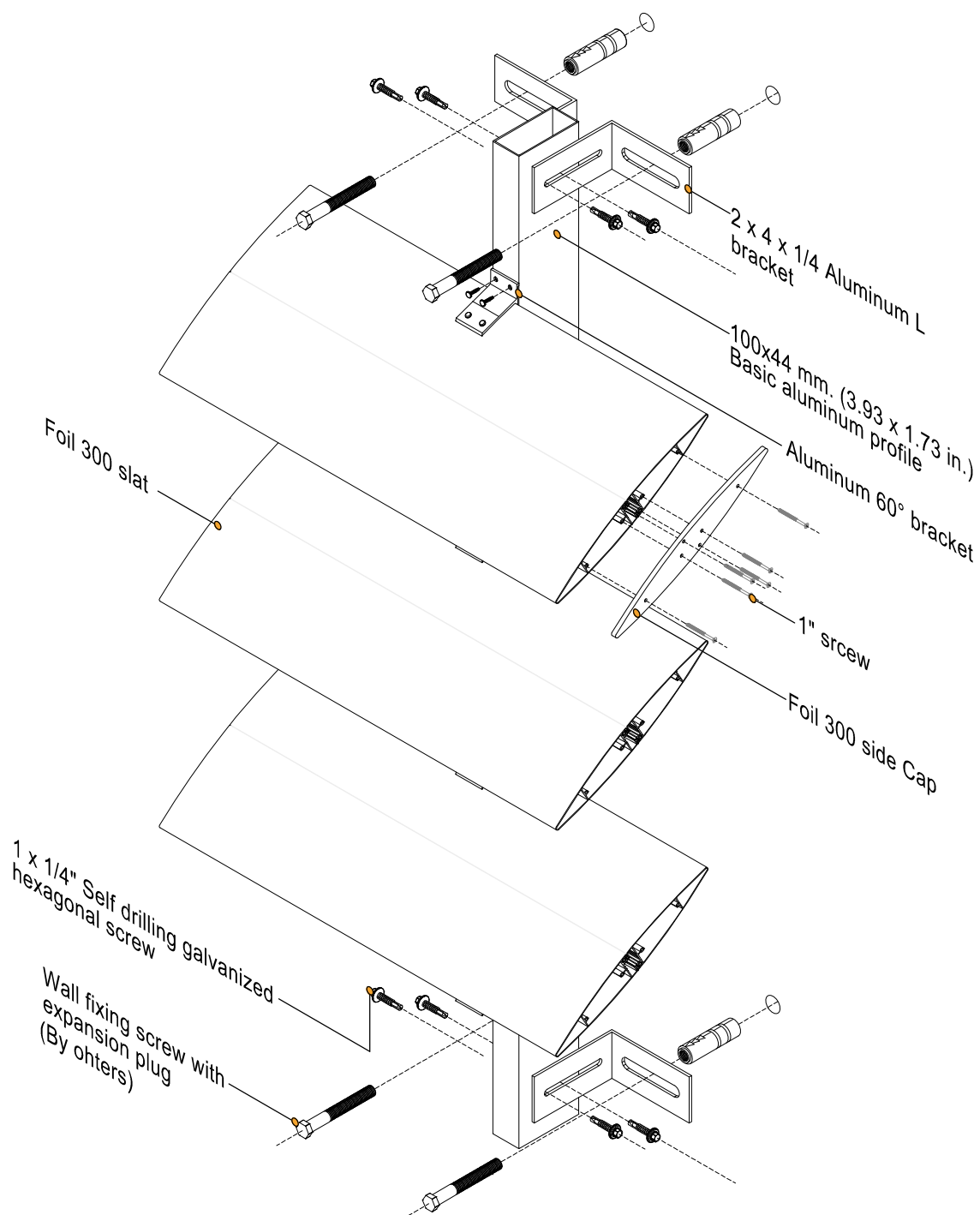
Dimensions: mm. (in.)



FOIL 300

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

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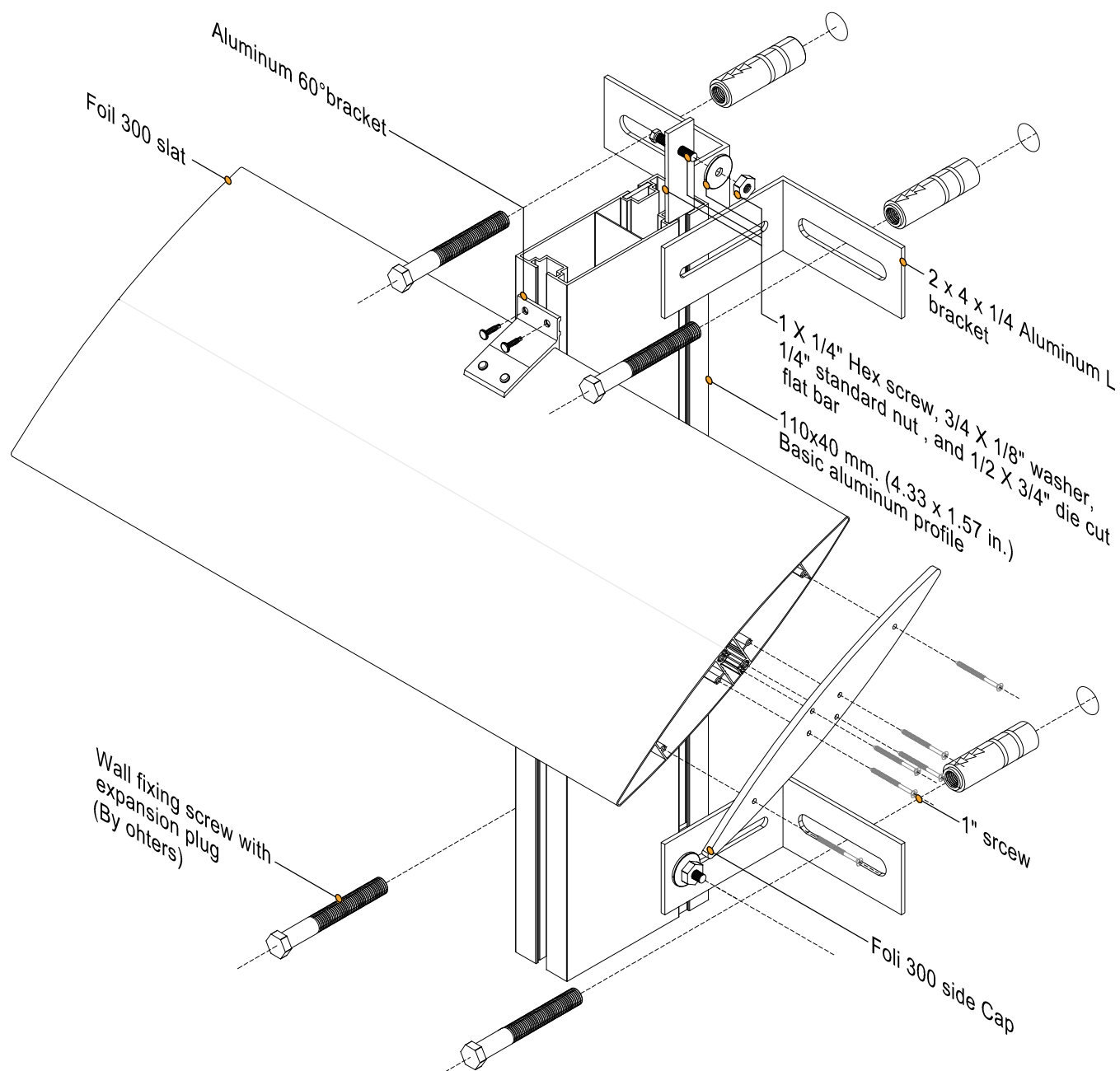
Date: October 2020
Dimensions: mm. (in.)



FOIL 300

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

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Revision:

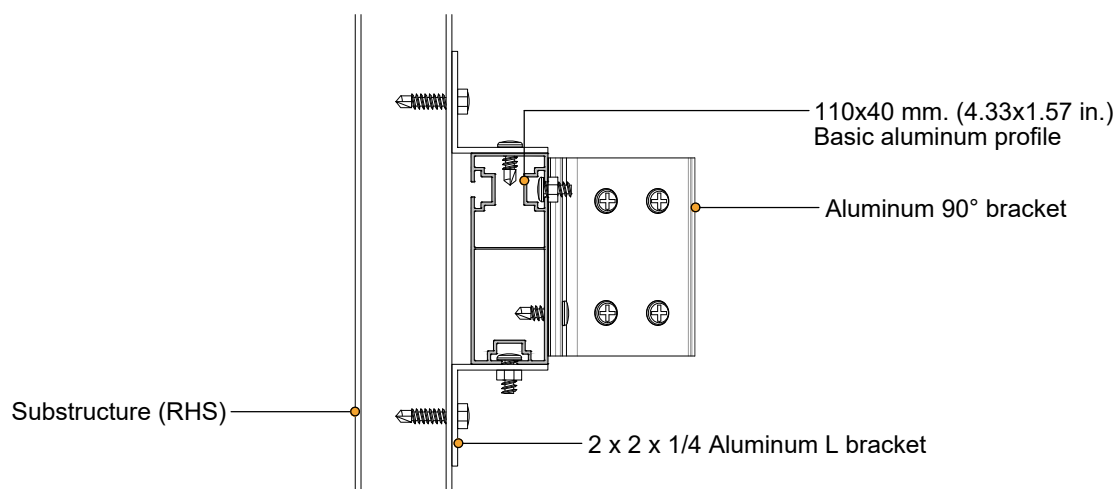
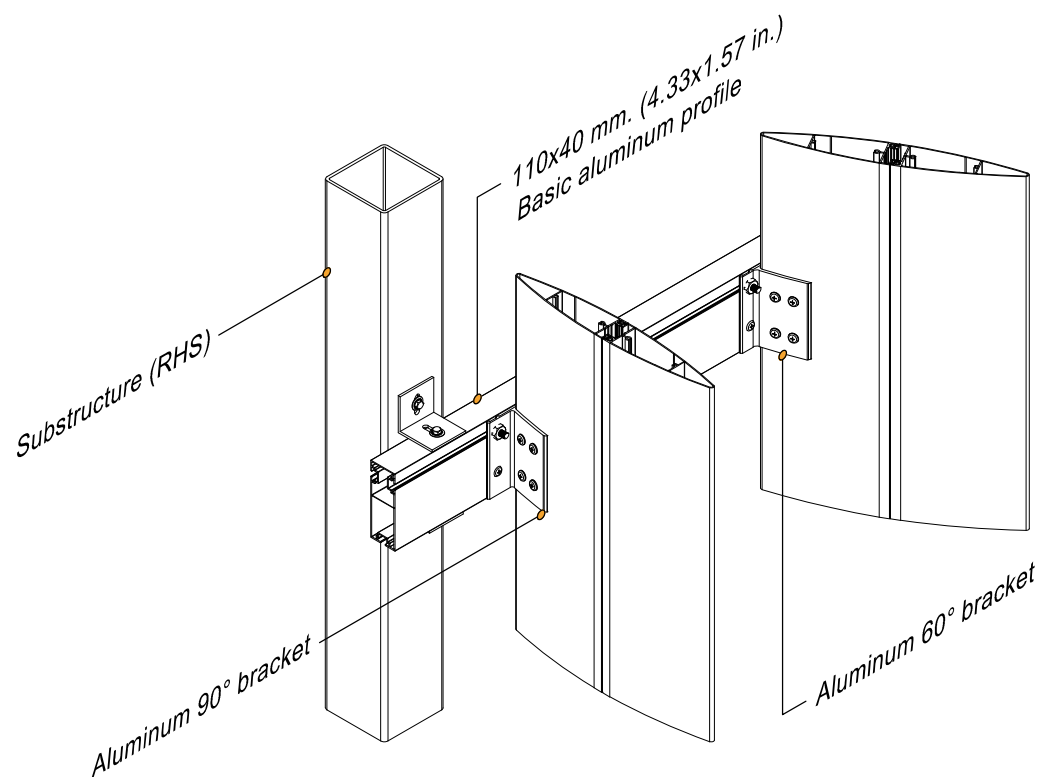
Date: October 2020
Dimensions: mm. (in.)



FOIL 300

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

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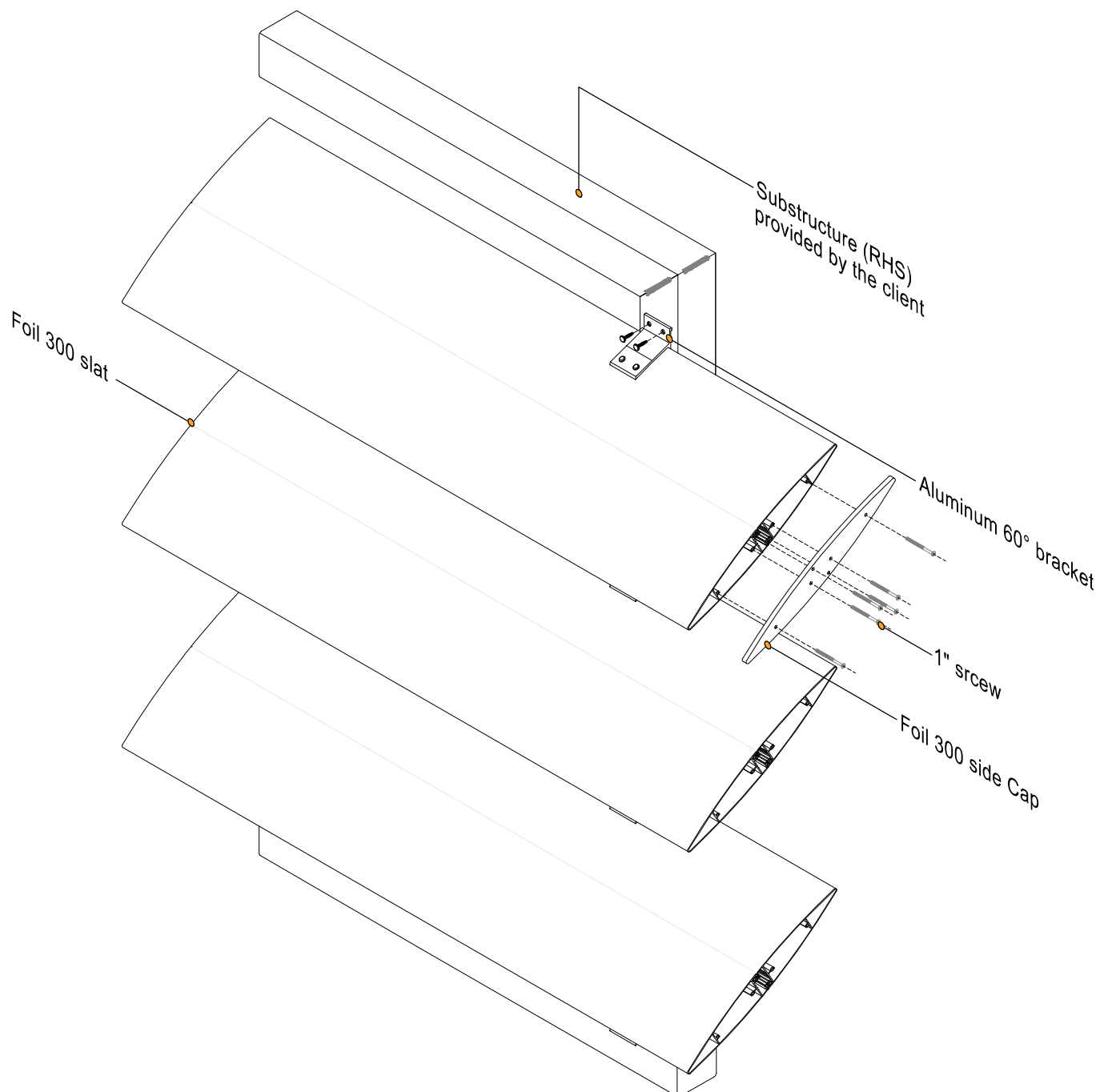
Date: October 2020
Dimensions: mm. (in.)



FOIL 300

ANCHORAGE TO SUB STRUCTURE (RHS) PROVIDED BY THE CLIENT

Page 08-12



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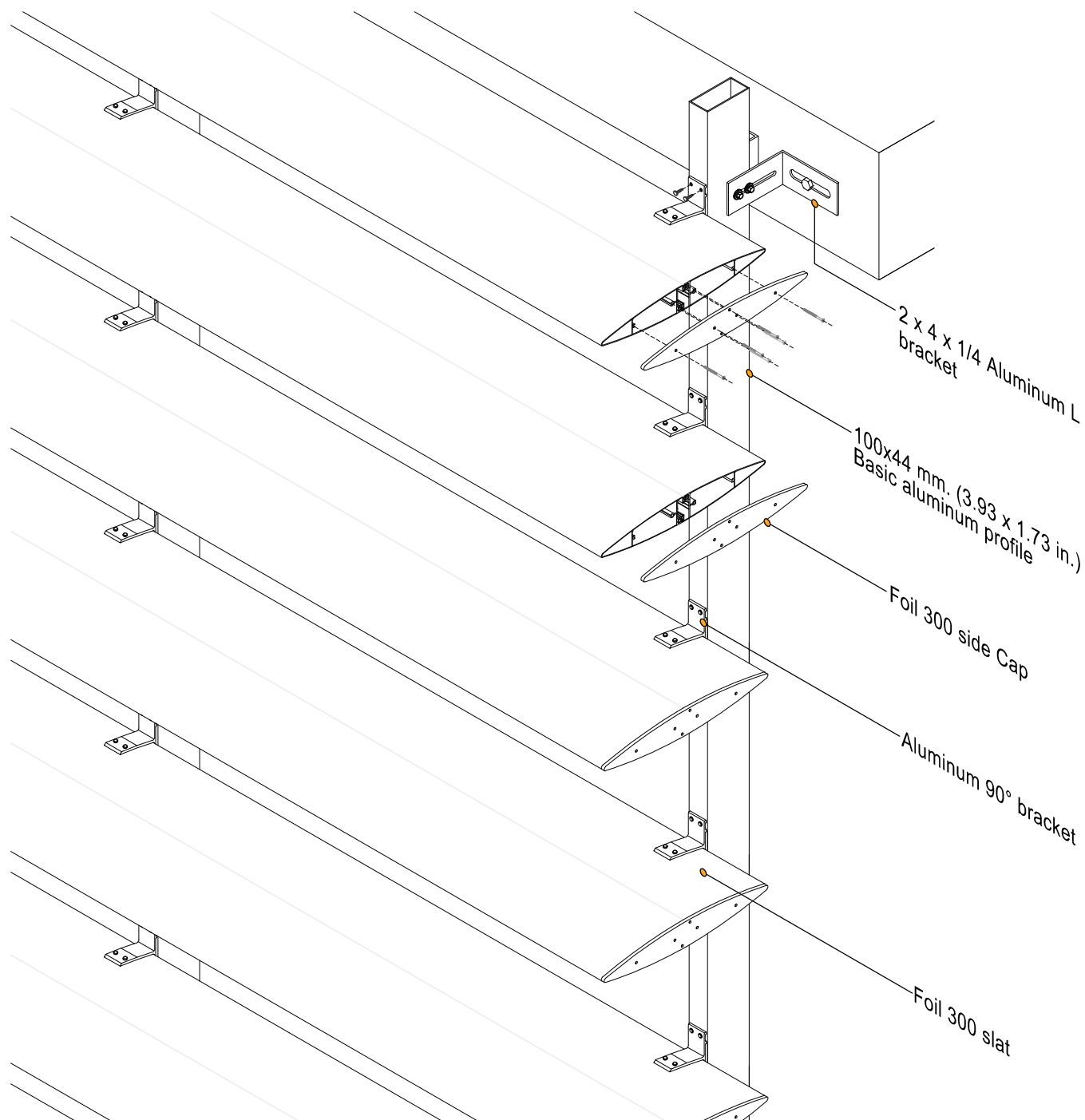
Date: October 2020
Dimensions: mm. (in.)



FOIL 300

FACADE PROPOSAL (SLAT AT 90°)

Página 09-12



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Specification workshop

Project:
Location:
Authorization:

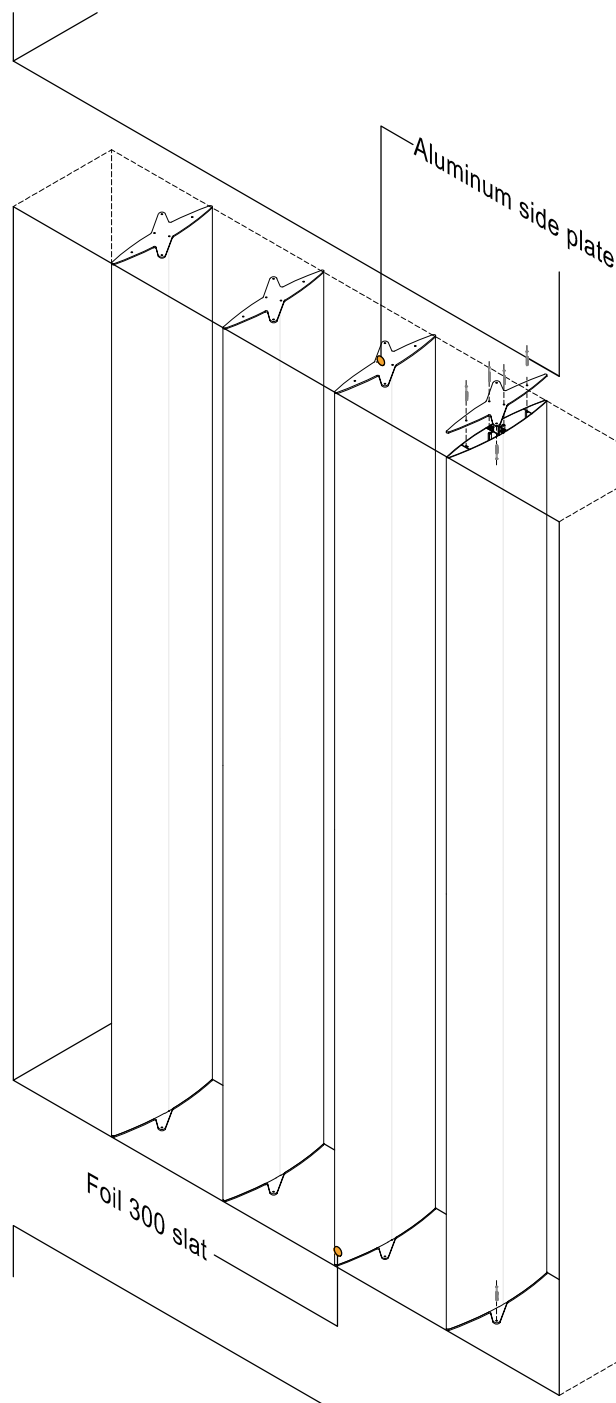
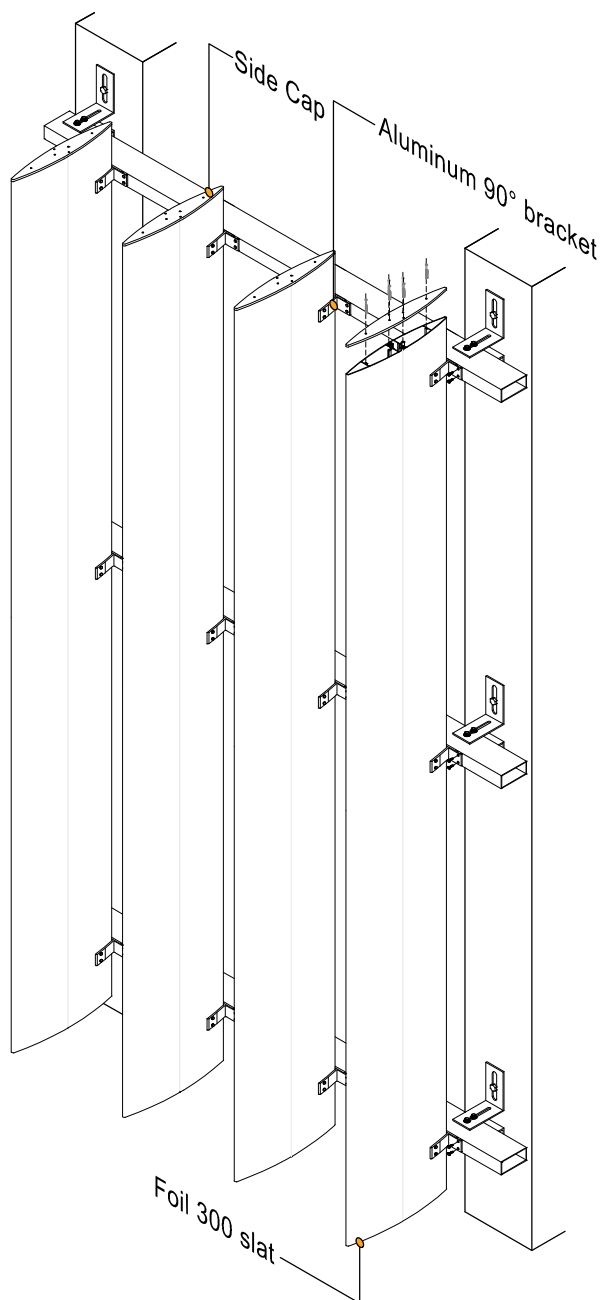
Revision:
Revision:
Date: October 2020
Dimensions: mm. (in.)

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FOIL 300

VERTICAL FACADE PROPOSAL (BRACKET 90° AND ALUMINUM SIDE PLATE)

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Vertical facade (Anchored to building walls)

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Specification workshop

Project:
Location:
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Revision:

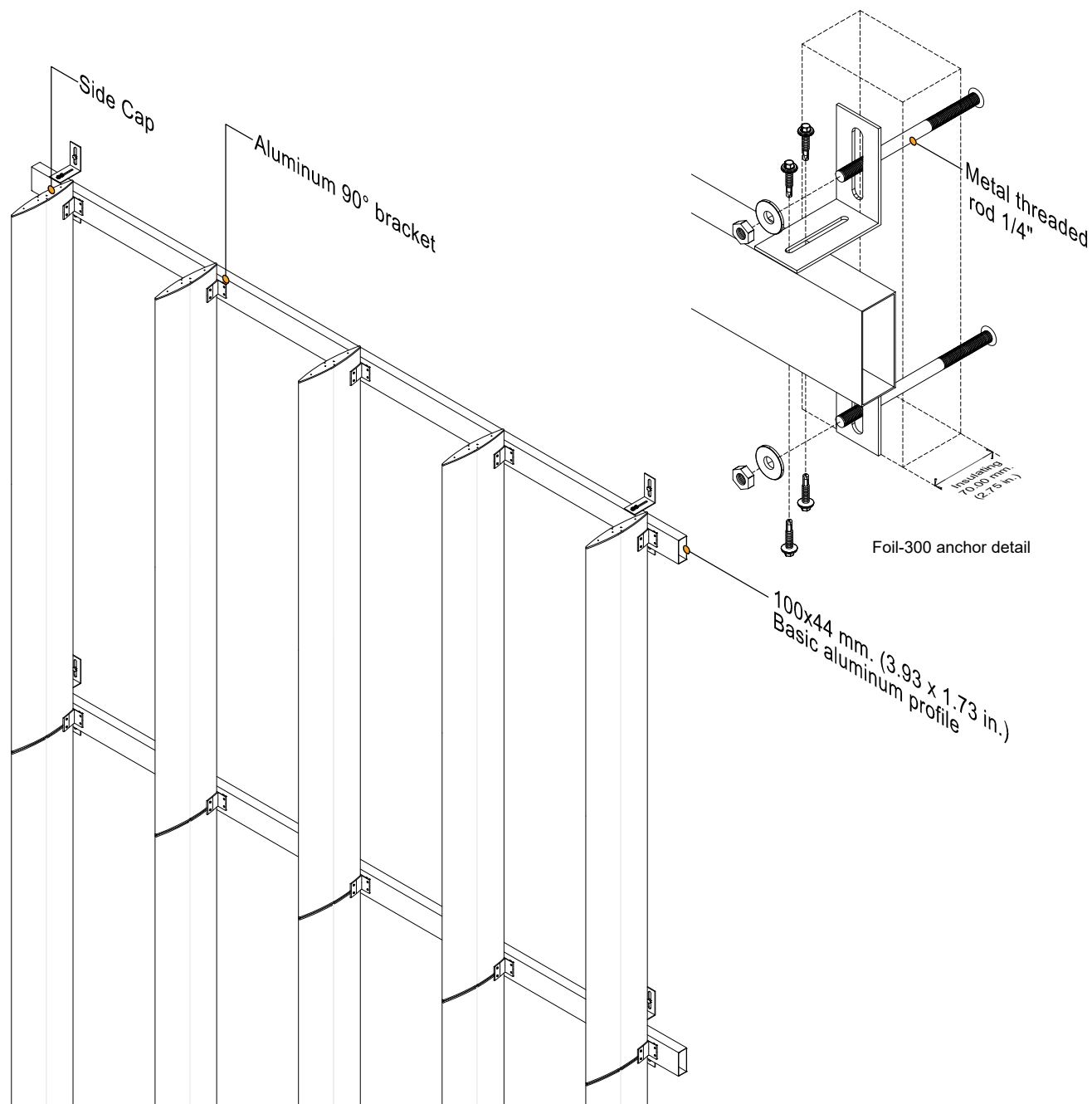
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FOIL 300 DETAIL

ANCHORAGE PROPOSAL IN VERTICAL FACADE (ALUMINUM STRUCTURE)

Page 11-12



Vertical facade (Anchored to Simplyfácil aluminum structure)

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Specification workshop

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Authorization:

Revision:

Revision:

Date: October 2020

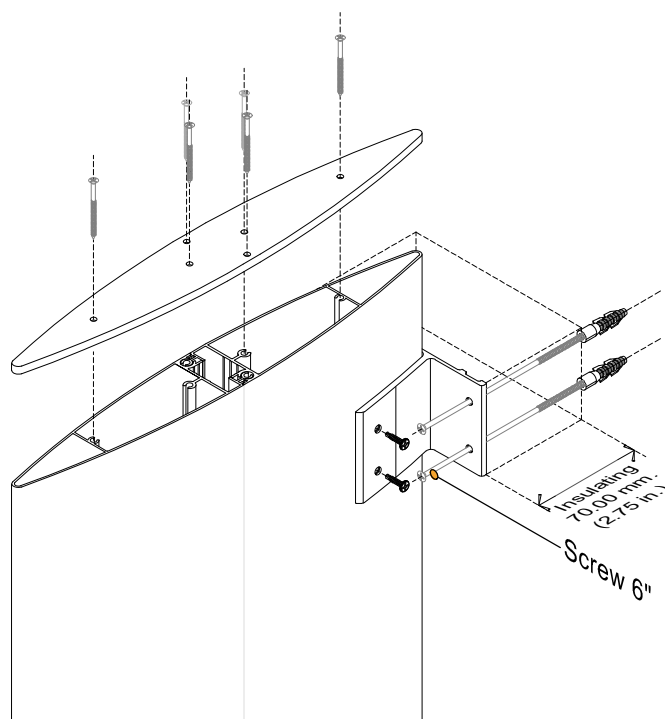
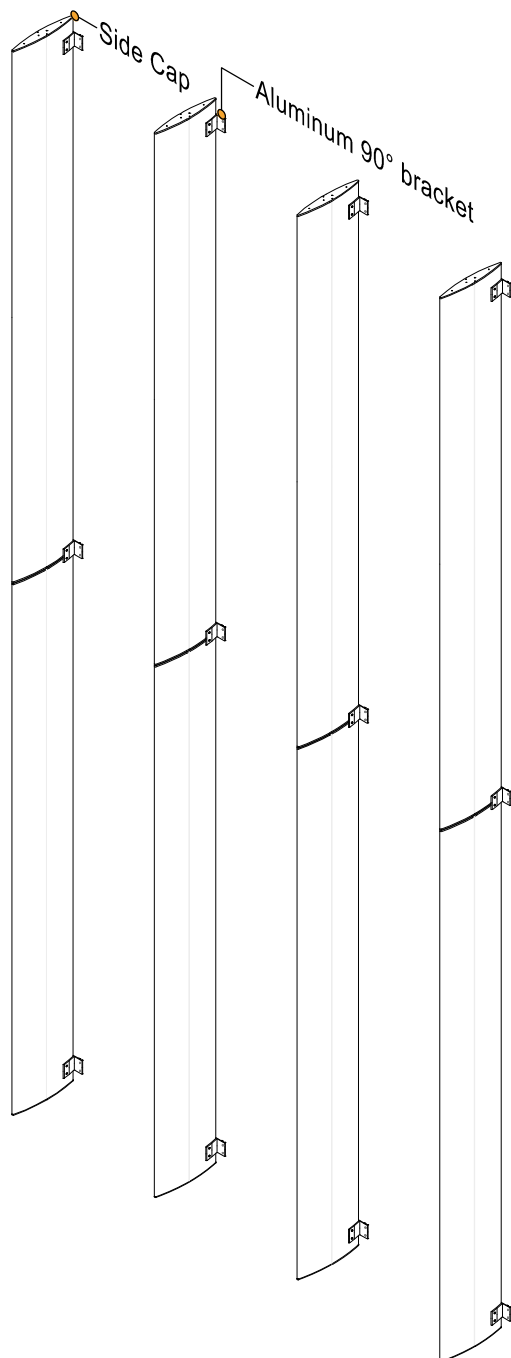
Dimensions: mm. (in.)



FOIL 300 DETAIL

ANCHORAGE PROPOSAL IN VERTICAL FACADE (ALUMINUM 90° BRACKET)

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Foil-300 anchor detail

Vertical facade (Anchored to building slabs)

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Specification workshop

Project:
Location:
Authorization:

Revision:
Revision:

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

