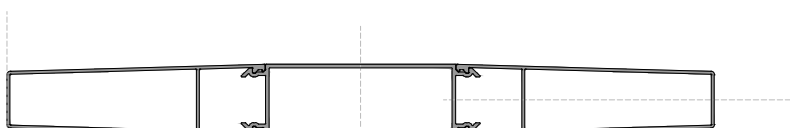


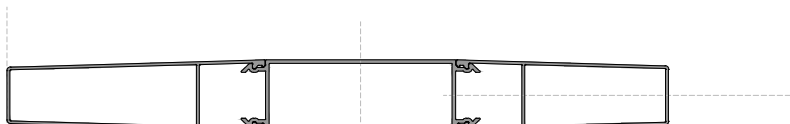
BEAM

SLATS OPTIONS, COMBINATIONS AND SIZES

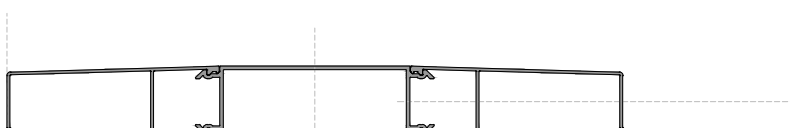
Page 01-17



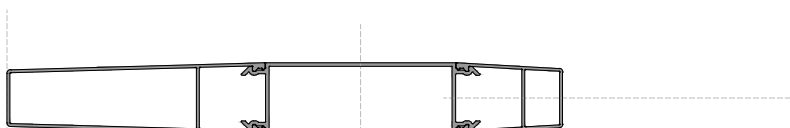
Beam 300 slat



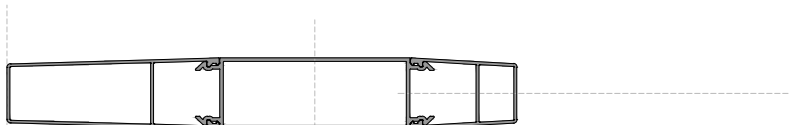
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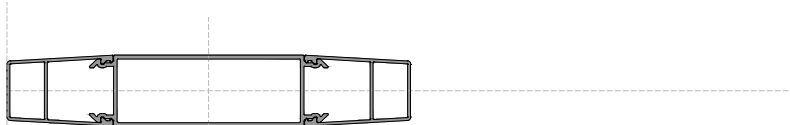
Beam 260 slat



Beam 230 slat



Beam 210 slat



Beam 170 slat



Beam 92 slat

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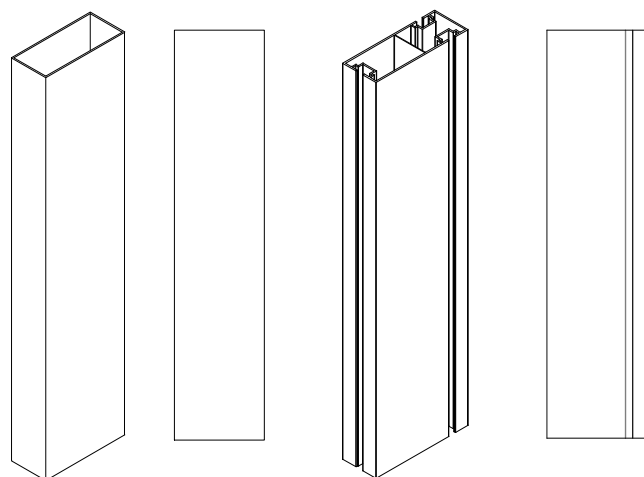
Date: October 2020
Dimensions: mm. (in.)



BEAM

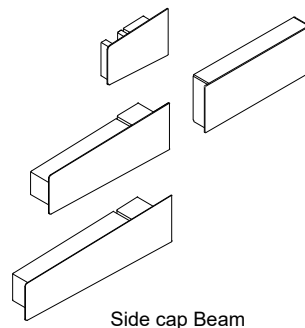
SELECTION OF SUPPORTS ACCORDING TO THE SEPARATION BETWEEN ANCHORS

Page 02-17

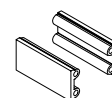
Option **B**

Option **C**

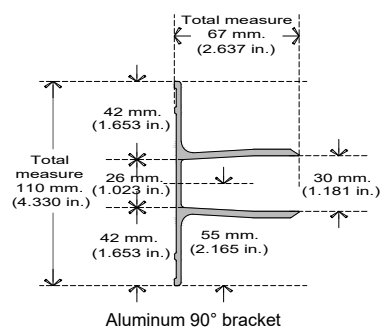
Components



Side cap Beam



Plastic vein



Aluminum 90° bracket

Distances for installation of structural supports

Nm	Structural support options	Maximum distance (DA)
B	Basic support 100X44 (3.93x1.73 in.) with aluminum bracket	3300 mm. (129.92 in.)
C	Basic facade support 110X40 (4.33x1.57 in.) with aluminum bracket	4000 mm. (157.48 in.)
D	Aluminum bracket anchored to substructure on site	>4000 mm.

Maximum distance between slat attachment horizontal installation

Maximum distance between slat attachment vertical installation

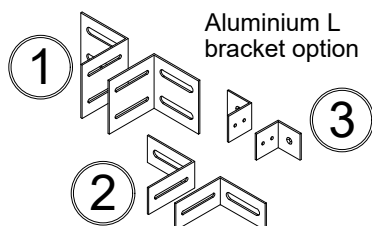
Maximum distance (DV)

*See detail slat

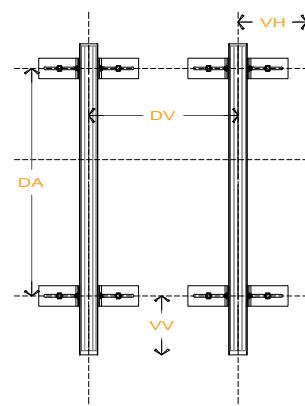
*See detail slat

- | | | |
|---|---------------------|--------------|
| 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) 200 mm. (7.87in.)



Aluminium L
bracket option



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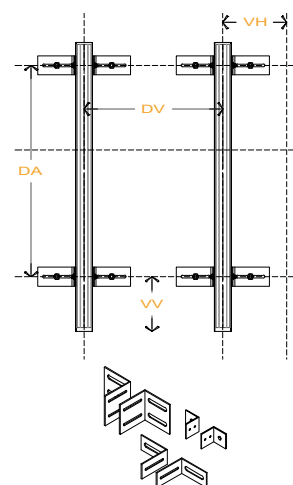
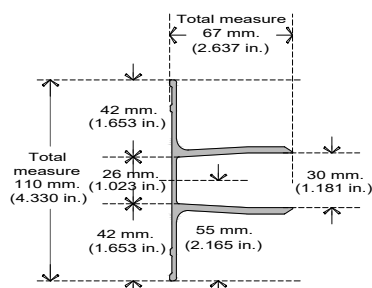
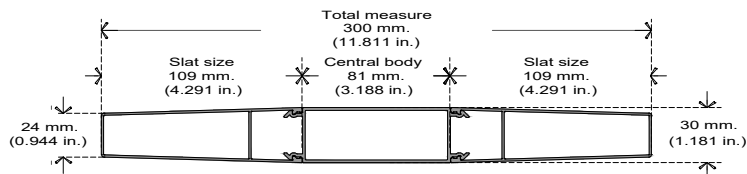
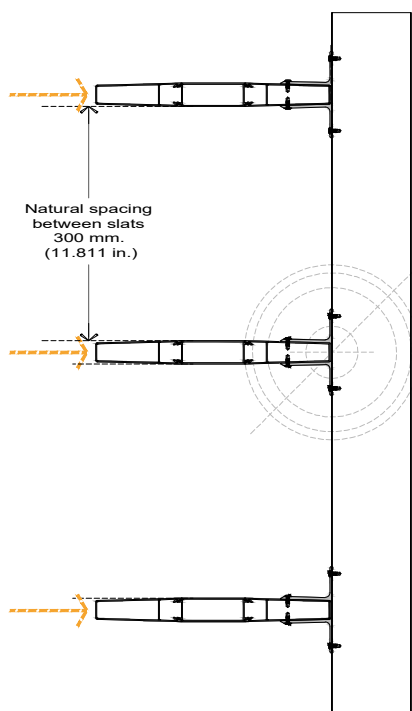
Dimensions: mm. (in.)



BEAM 300

SLAT INSTALLATION OPTIONS AND COMBINATIONS

Page 03-17



Number of slats per meter (SPM)

	3.33	3.00	2.80
Clearance between slats	300.30 mm. (11.82 in.)	333.30 mm. (11.82 in.)	357.10 mm. (14.05 in.)
Free area (%)	93.07%	93.76%	94.18%
DA Maximum distance between anchors of brackets 76 x 44 (2.99x1.73 in.)		2700 mm. (106.29 in.)	
DA Maximum distance between anchors of brackets 100 x 44 (3.93x1.73 in.)		3300 mm. (129.92 in.)	
DA Maximum distance between anchors of brackets 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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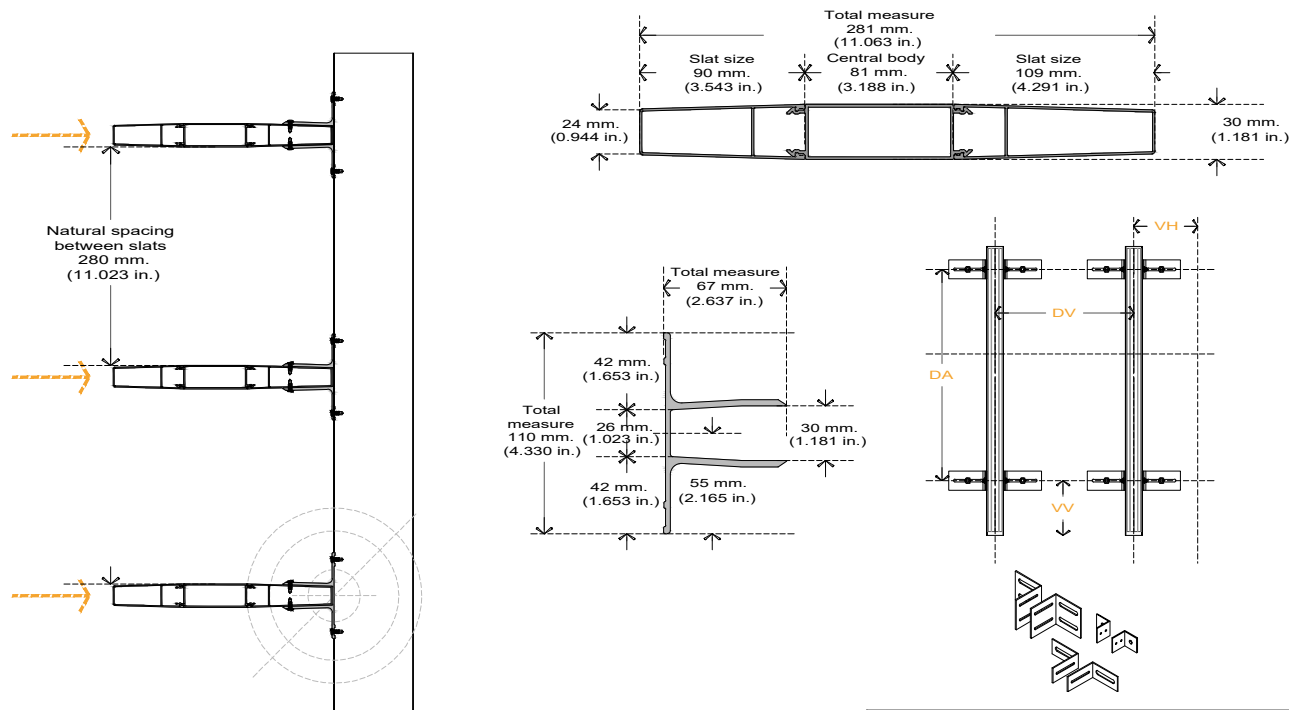
Dimensions: mm. (in.)



BEAM 280

SLAT INSTALLATION OPTIONS AND COMBINATIONS

Page 04-17



Number of slats per meter (SPM)

	3.57	3.45	3.33
Clearance between slats	280.10 mm. (11.02 in.)	289.90 mm. (11.41 in.)	300.30 mm. (11.82 in.)
Free area (%)	92.57%	92.82%	93.07%
DA Maximum distance between anchors of brackets 76 x 44 (2.99x1.73 in.)		2700 mm. (106.29 in.)	
DA Maximum distance between anchors of brackets 100 x 44 (3.93x1.73 in.)		3300 mm. (129.92 in.)	
DA Maximum distance between anchors of brackets 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

Technical department fácilfaçades®
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Authorization:

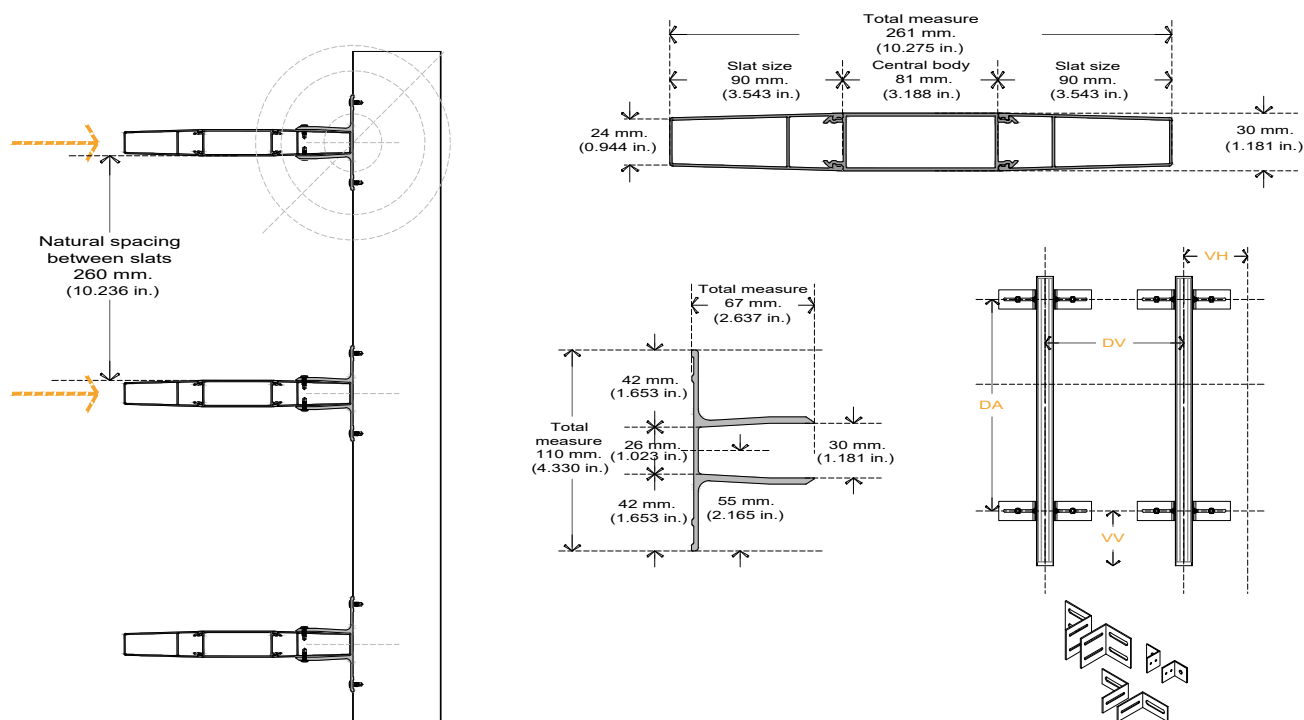
Date: October 2020
Dimensions: mm. (in.)



BEAM 260

SLAT INSTALLATION OPTIONS AND COMBINATIONS

Page 05-17



Number of slats per meter (SPM)

	3.85	3.70	3.57
Clearance between slats	259.70 mm. (10.22 in.)	289.90 mm. (11.41 in.)	280.10 mm. (11.02 in.)
Free area (%)	91.99%	92.82%	92.57%
DA Maximum distance between anchors of brackets 76 x 44 (2.99x1.73 in.)		2700 mm. (106.29 in.)	
DA Maximum distance between anchors of brackets 100 x 44 (3.93x1.73 in.)		3300 mm. (129.92 in.)	
DA Maximum distance between anchors of brackets 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

Technical department fácilfaçades®
Specification workshop

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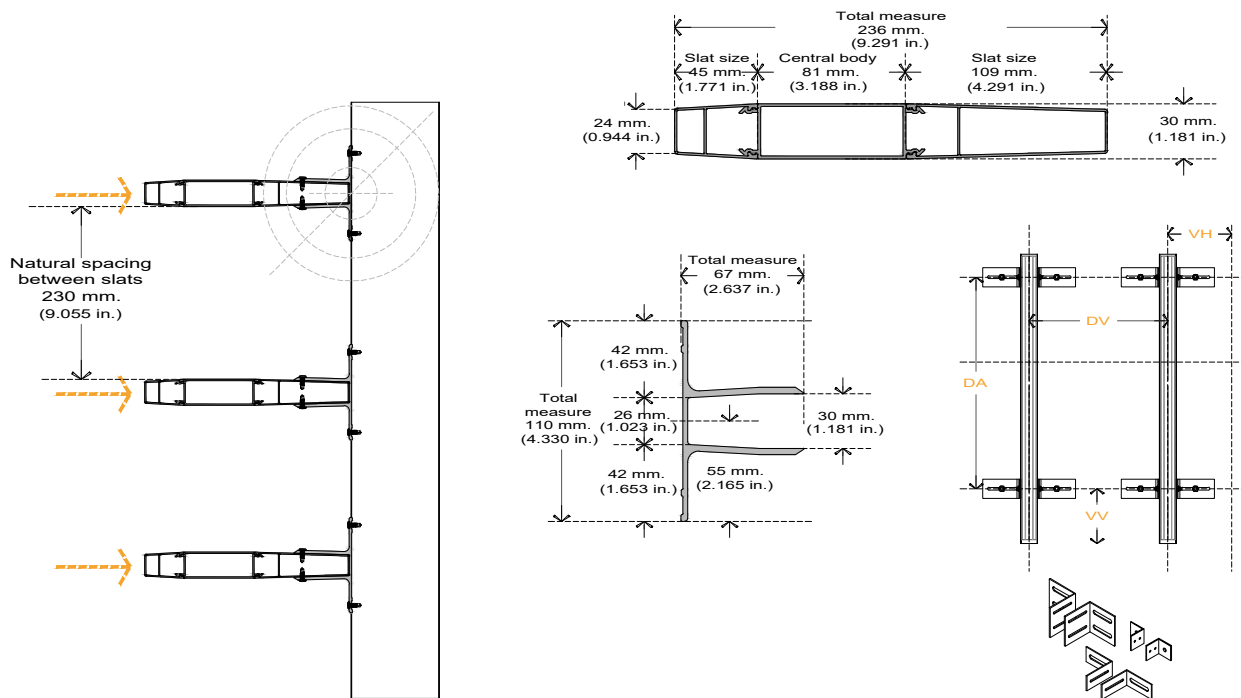
Date: October 2020
Dimensions: mm. (in.)



BEAM 230

SLAT INSTALLATION OPTIONS AND COMBINATIONS

Page 06-17



Number of slats per meter (SPM)

	4.34	4.09	3.93
Clearance between slats	230.40 mm. (9.07 in.)	244.50 mm. (9.62 in.)	254.50 mm. (10.01 in.)
Free area (%)	90.97%	91.49%	91.83%
DA Maximum distance between anchors of brackets 76 x 44 (2.99x1.73 in.)		2700 mm. (106.29 in.)	
DA Maximum distance between anchors of brackets 100 x 44 (3.93x1.73 in.)		3300 mm. (129.92 in.)	
DA Maximum distance between anchors of brackets 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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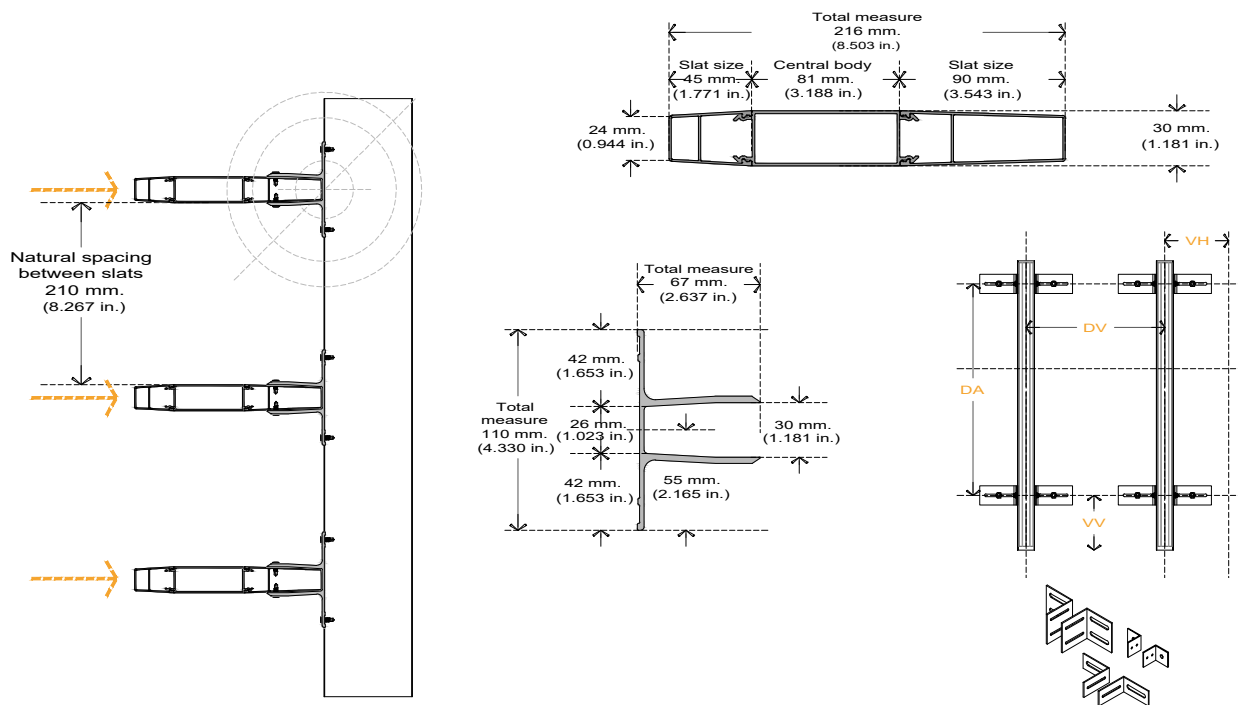
Date: October 2020
Dimensions: mm. (in.)



BEAM 210

SLAT INSTALLATION OPTIONS AND COMBINATIONS

Page 07-17



Number of slats per meter (SPM)

	4.75	4.54	4.35
Clearance between slats	210.50 mm. (8.28 in.)	220.30 mm. (8.67 in.)	229.90 mm. (9.05 in.)
Free area (%)	90.12%	90.56%	90.95%
DA Maximum distance between anchors of brackets 76 x 44 (2.99x1.73 in.)		2700 mm. (106.29 in.)	
DA Maximum distance between anchors of brackets 100 x 44 (3.93x1.73 in.)		3300 mm. (129.92 in.)	
DA Maximum distance between anchors of brackets 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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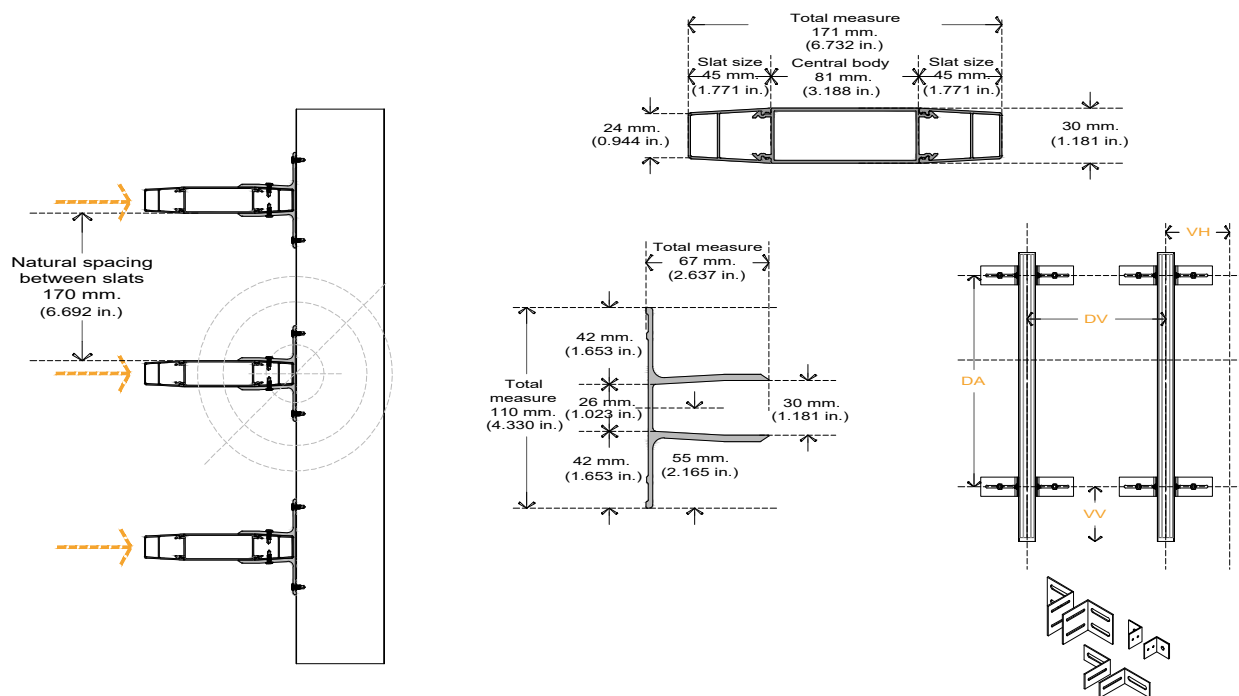
Date: October 2020
Dimensions: mm. (in.)



BEAM 170

SLAT INSTALLATION OPTIONS AND COMBINATIONS

Page 08-17



Number of slats per meter (SPM)

	5.88	5.55	5.26
Clearance between slats	170.10 mm. (6.69 in.)	180.20 mm. (7.09 in.)	190.10 mm. (7.48 in.)
Free area (%)	87.77%	88.46%	89.06%
DA Maximum distance between anchors of brackets 76 x 44 (2.99x1.73 in.)		2700 mm. (106.29 in.)	
DA Maximum distance between anchors of brackets 100 x 44 (3.93x1.73 in.)		3300 mm. (129.92 in.)	
DA Maximum distance between anchors of brackets 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

Technical department fácilfaçades®
Specification workshop

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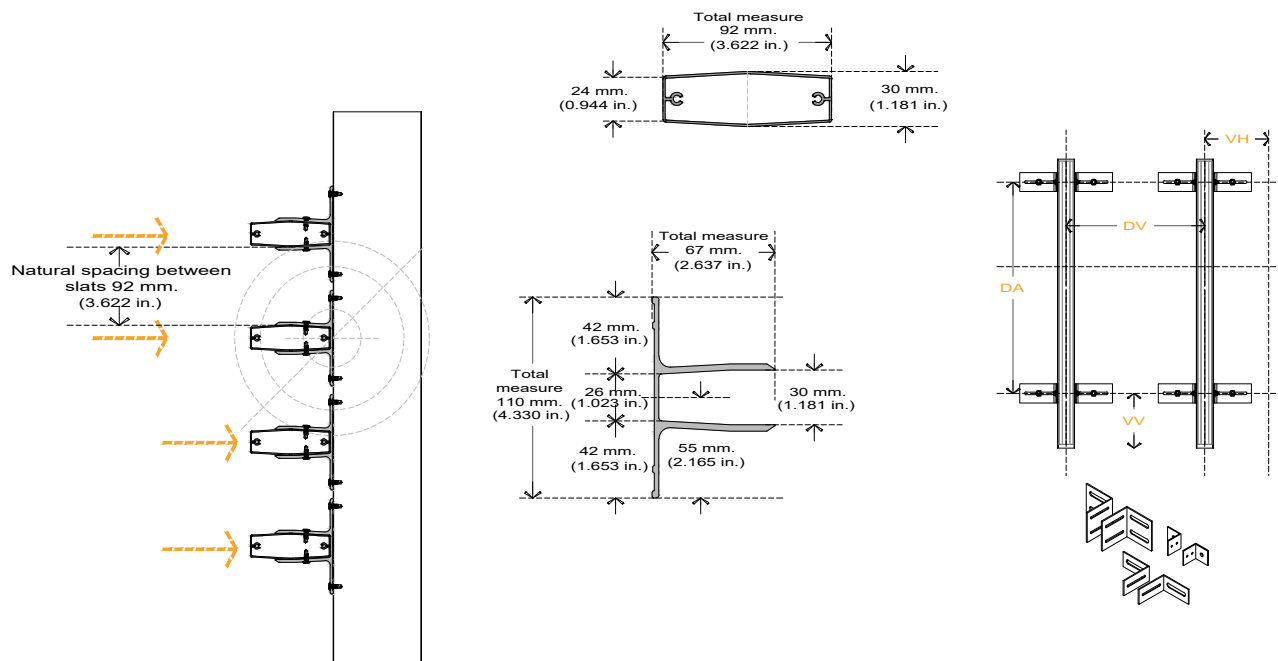
Date: October 2020
Dimensions: mm. (in.)



BEAM 92

SLAT INSTALLATION OPTIONS AND COMBINATIONS

Page 09-17



Number of slats per meter (SPM)

	10	9.09	8.33
Clearance between slats	100.00 mm. (3.93 in.)	110.00 mm. (4.33 in.)	120.00 mm. (4.72 in.)
Free area (%)	79.20%	81.09%	82.67%
DA Maximum distance between anchors of brackets 76 x 44 (2.99x1.73 in.)		2700 mm. (106.29 in.)	
DA Maximum distance between anchors of brackets 100 x 44 (3.93x1.73 in.)		3300 mm. (129.92 in.)	
DA Maximum distance between anchors of brackets 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		3000 mm. (118.11 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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Location:
Authorization:

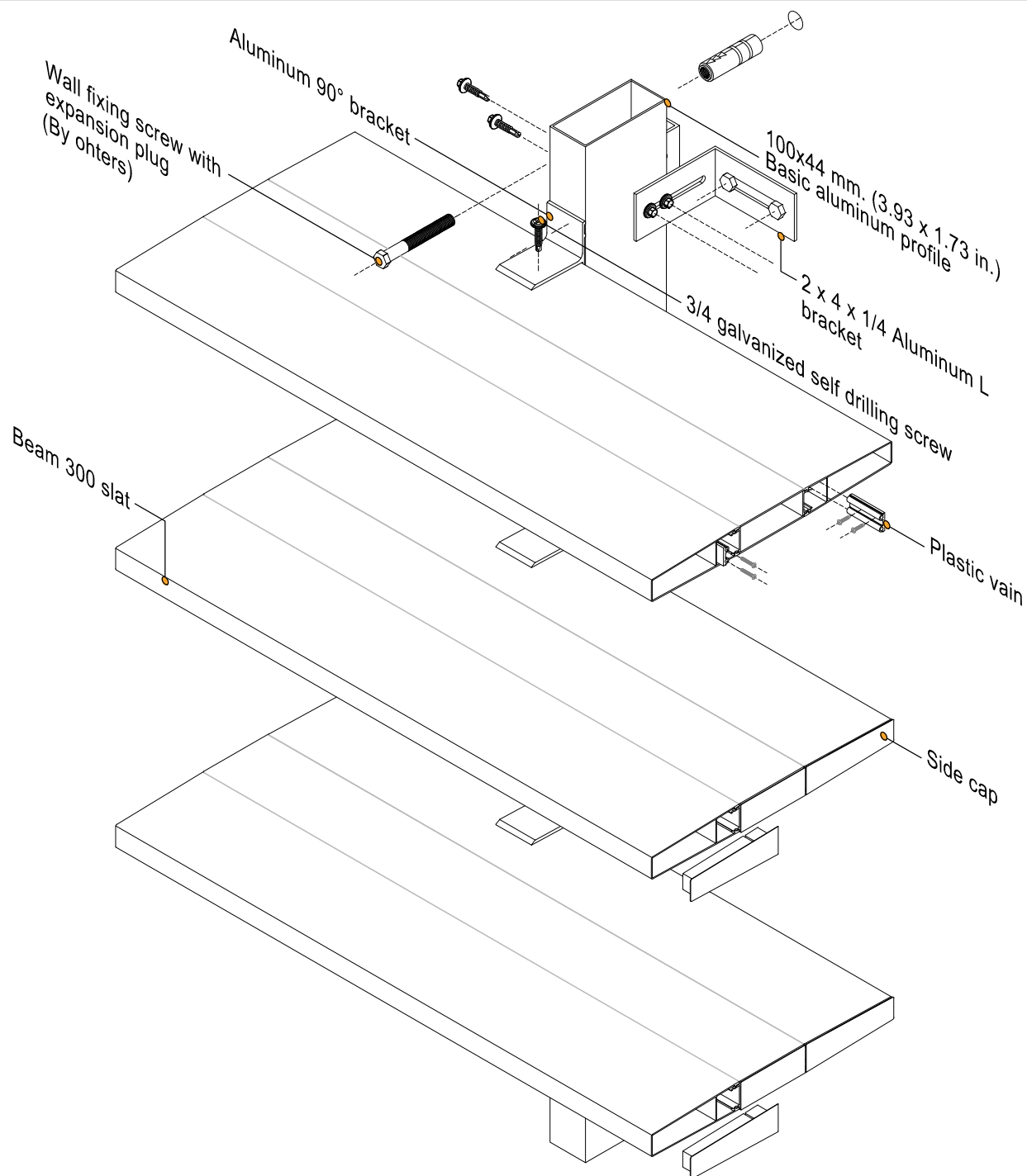
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Revision:
Date: October 2020
Dimensions: mm. (in.)



BEAM

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

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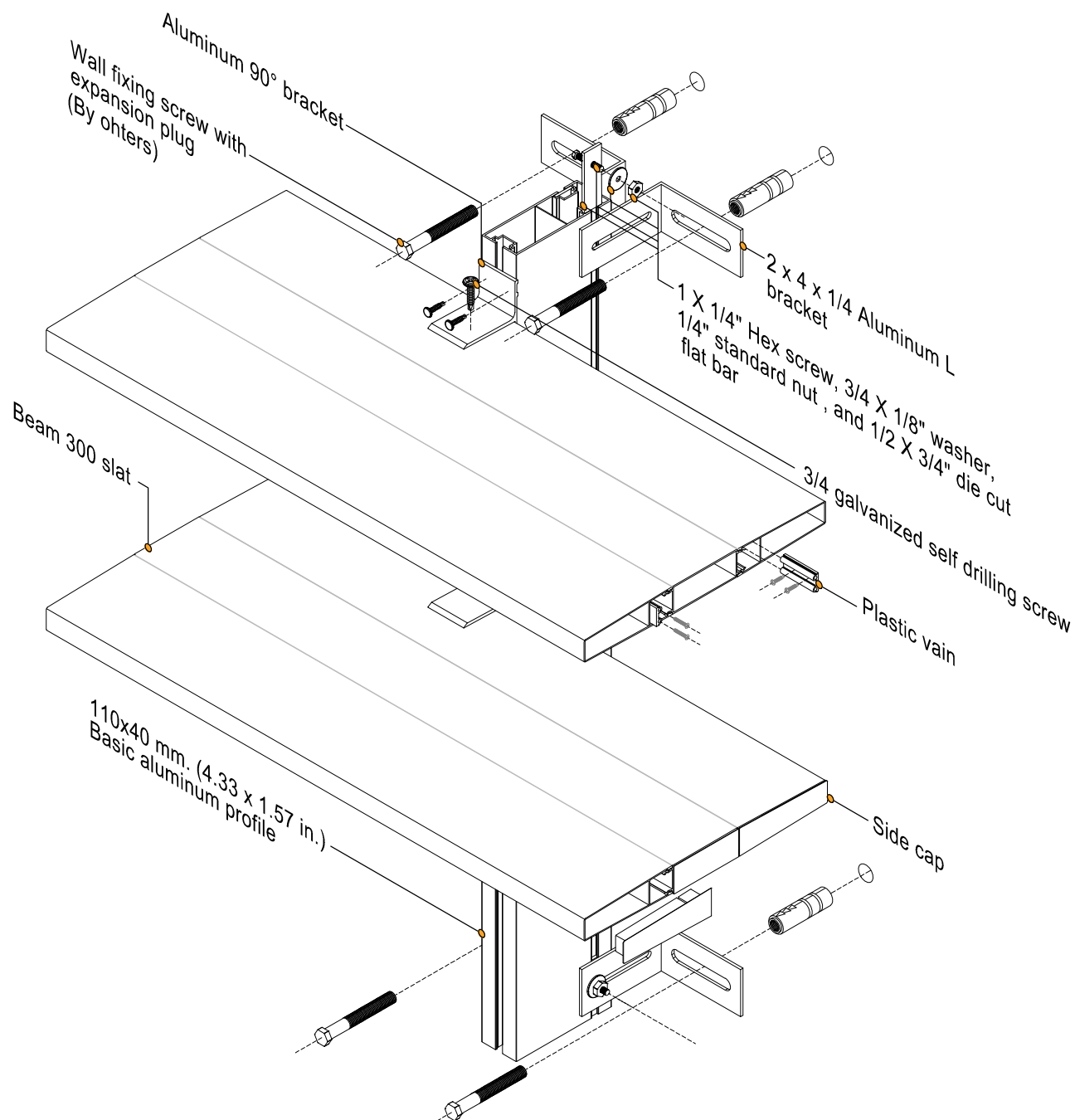
Date: October 2020
Dimensions: mm. (in.)



BEAM

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

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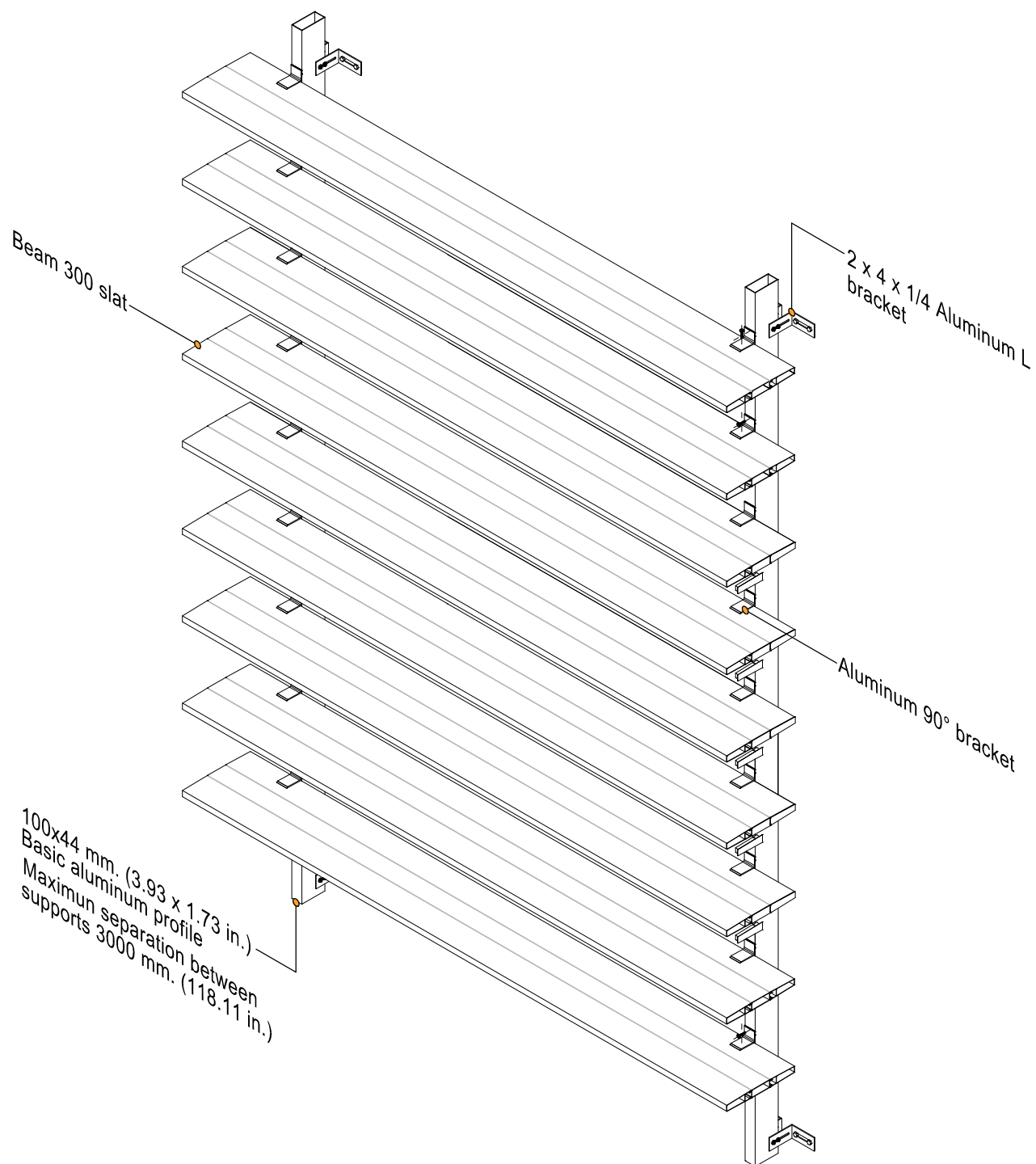
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BEAM

FACADE PROPOSAL (ALUMINUM 90° BRACKETS)

Page 12-17



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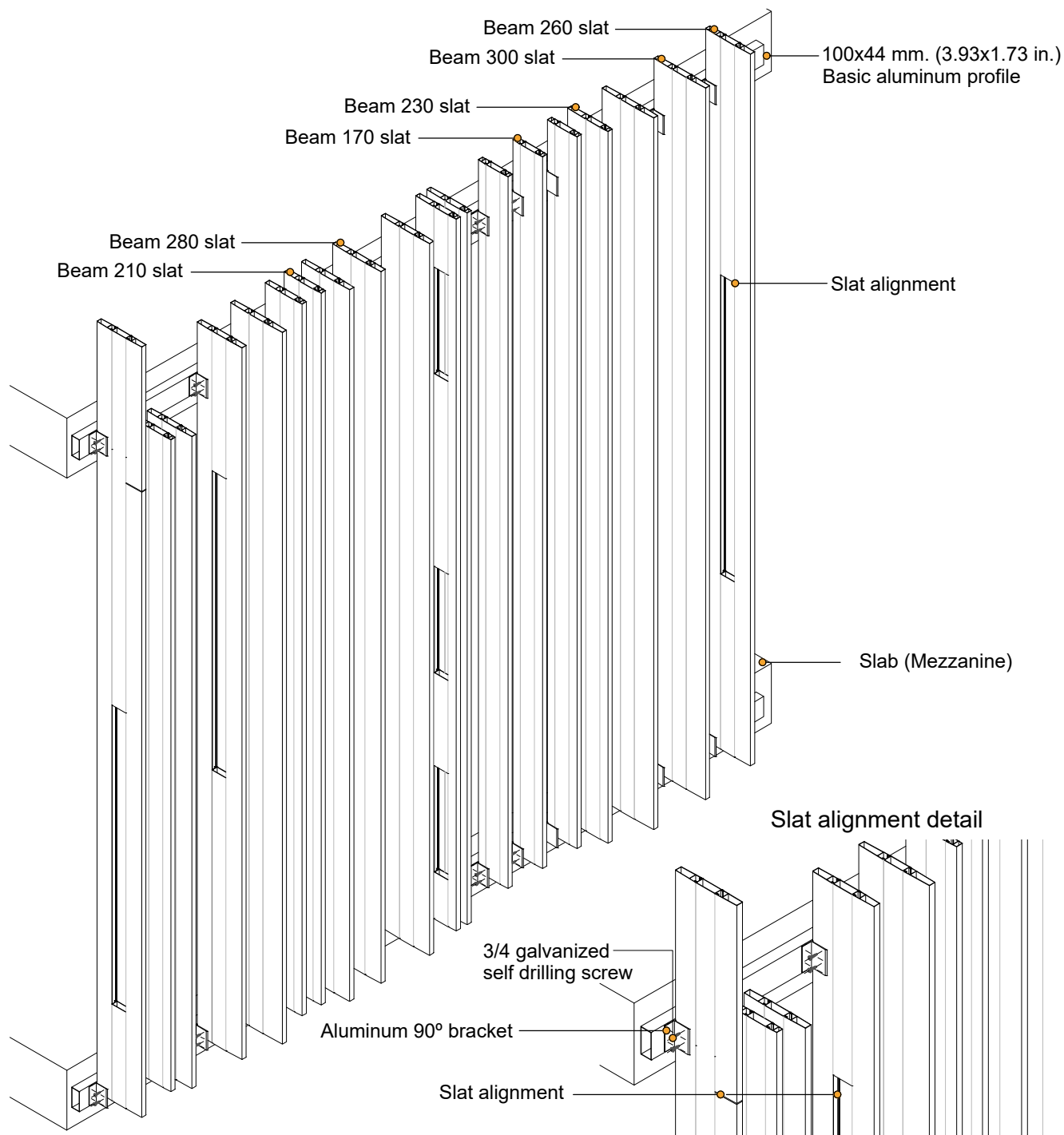
Date: October 2020
Dimensions: mm. (in.)



BEAM

FACADE PROPOSAL (COMBINATION OF SLATS)

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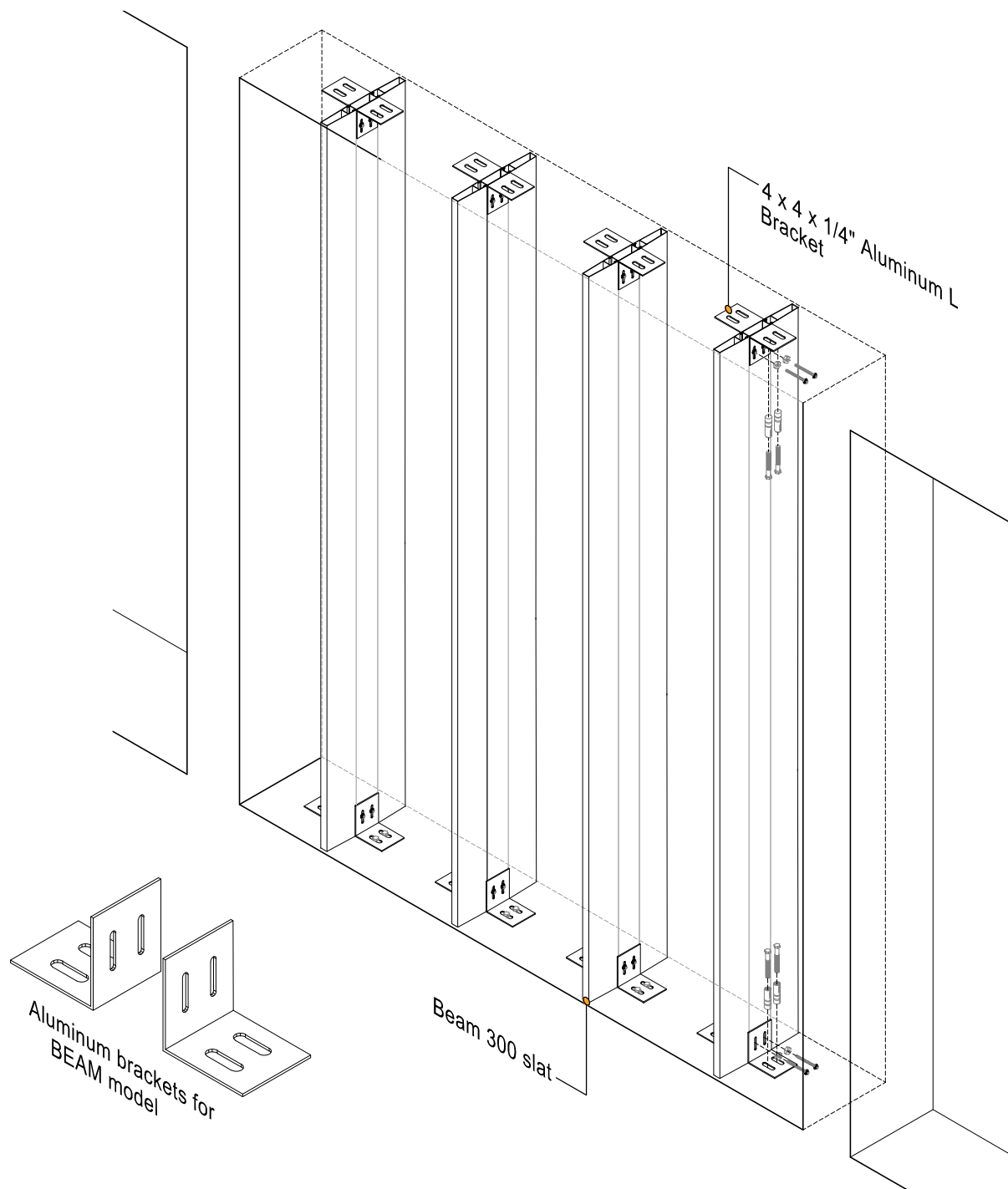
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Dimensions: mm. (in.)



BEAM

FACADE PROPOSAL (SLATS ANCHORED TO BUILDING SPAN)

Page 14-17



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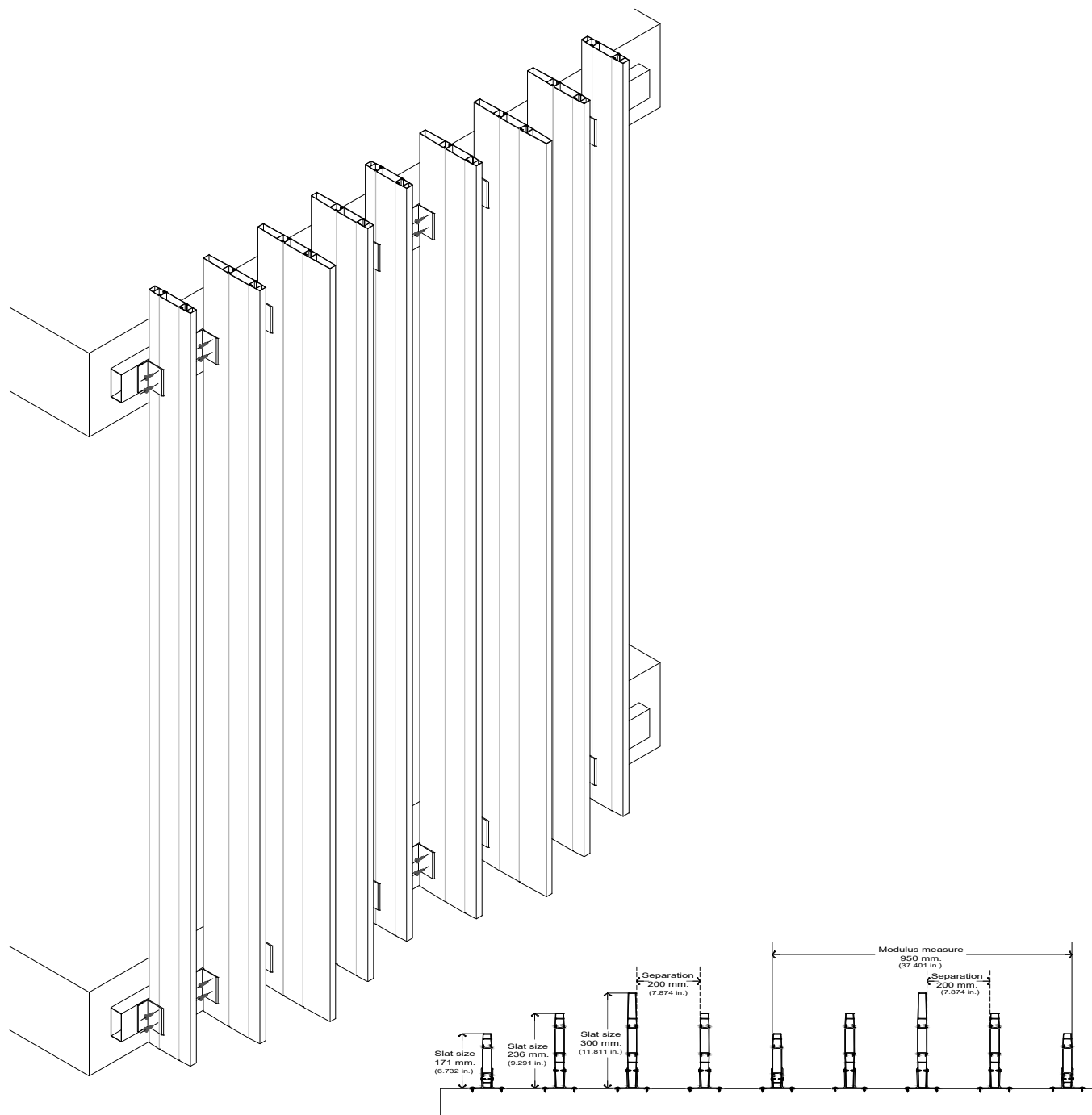
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BEAM

FACADE PROPOSAL (SLATS WITH GRADIENT)

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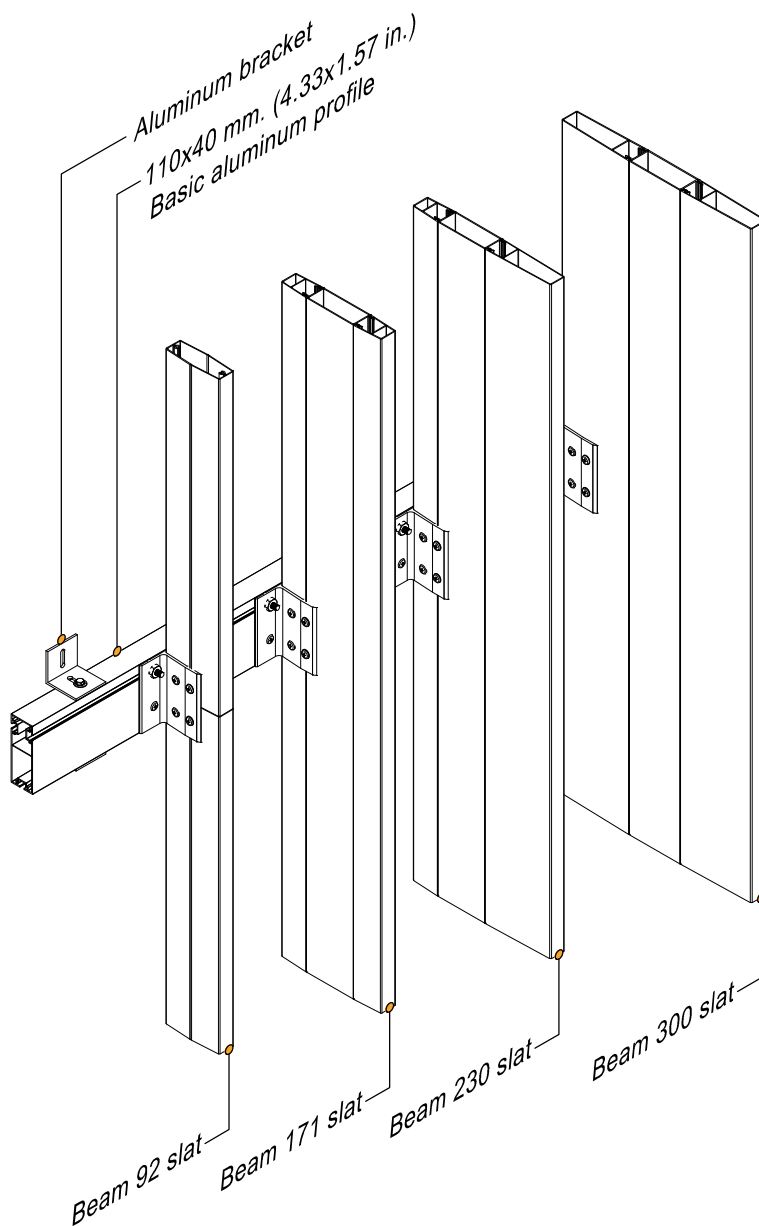
Revision:
Revision:
Date: October 2020
Dimensions: mm. (in.)



BEAM

110X40 BASIC SUPPORT, ANCHORED TO MEZZANINE OR WALLS ON SITE

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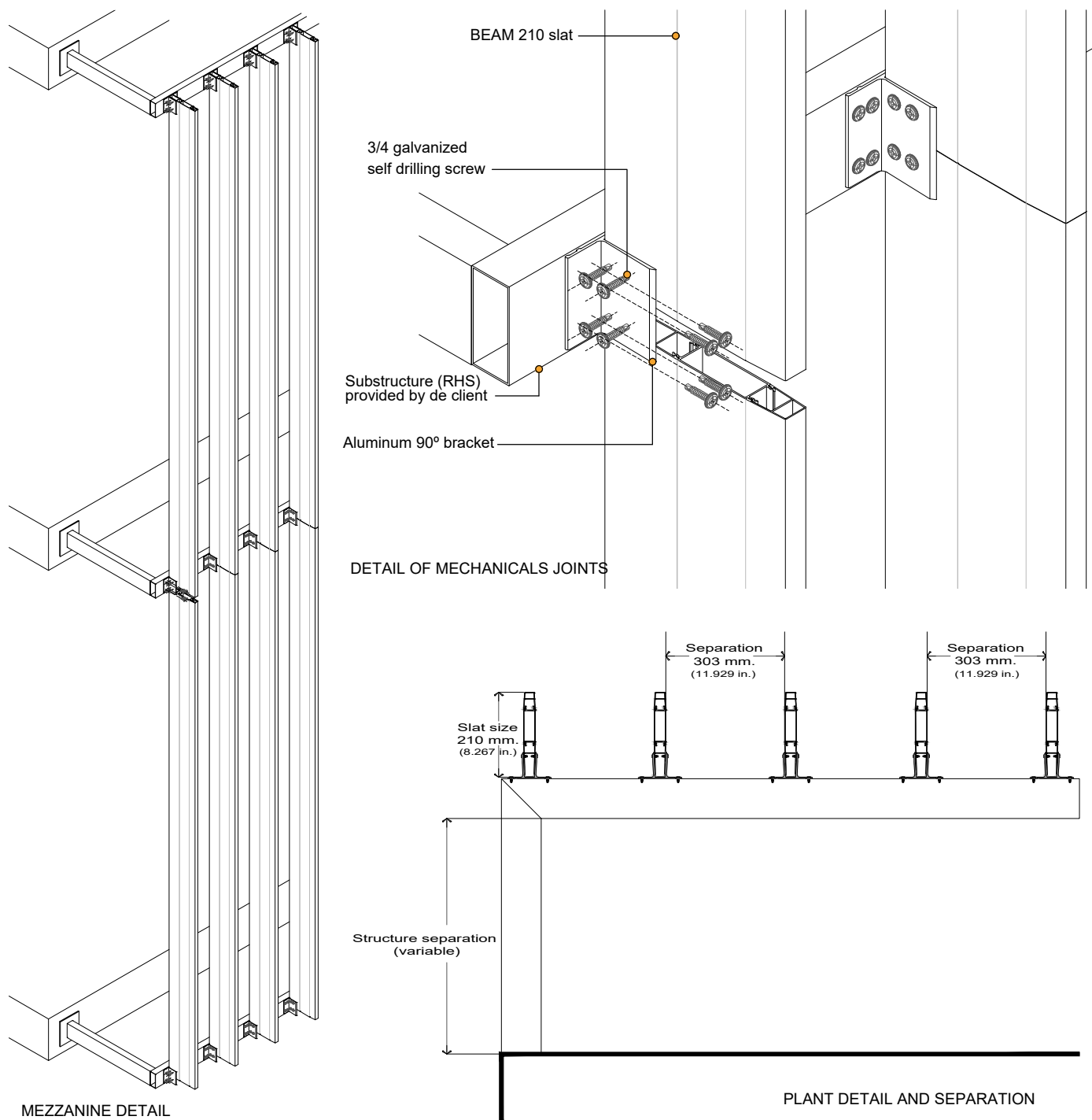
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BEAM

BEAM 210 SLATS AND THEIR JOINTS WITH ALUMINUM 90° BRACKETS ON A STEEL SUBSTRUCTURE

Page 17-17



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Revision:
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Dimensions: mm. (in.)

