



Network
Architectural



mitsubishi alpolic nc recommended installation guide

Rev. 1.8

Contents

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Alpolic NC w/ Sarking

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Parts List

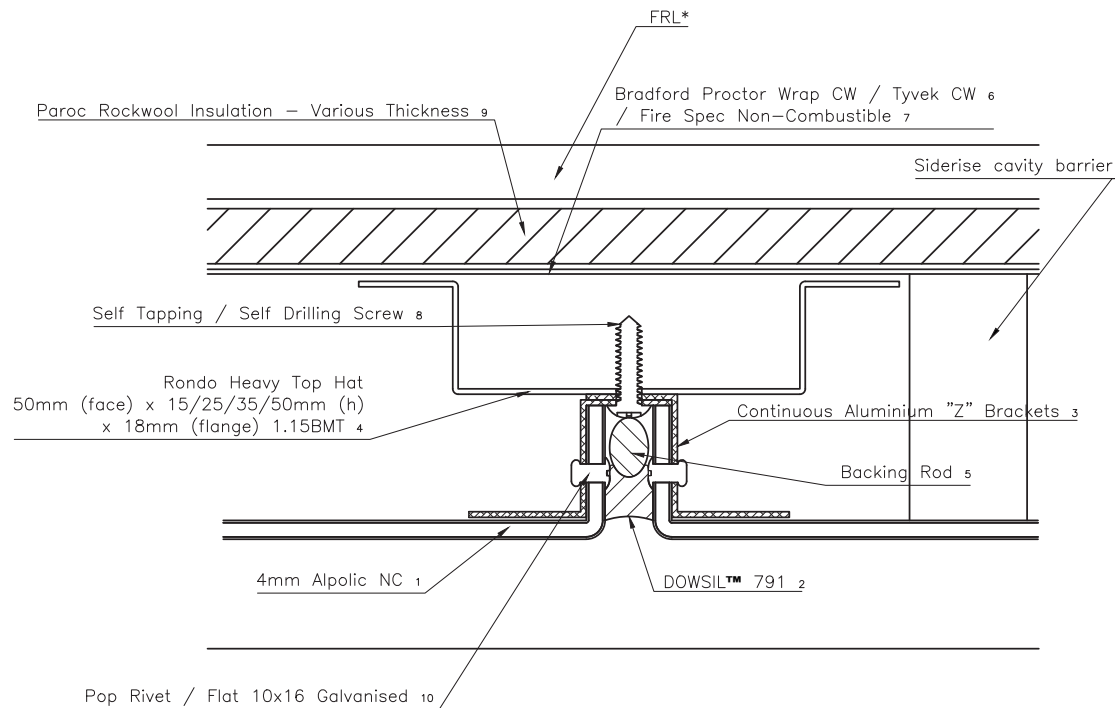
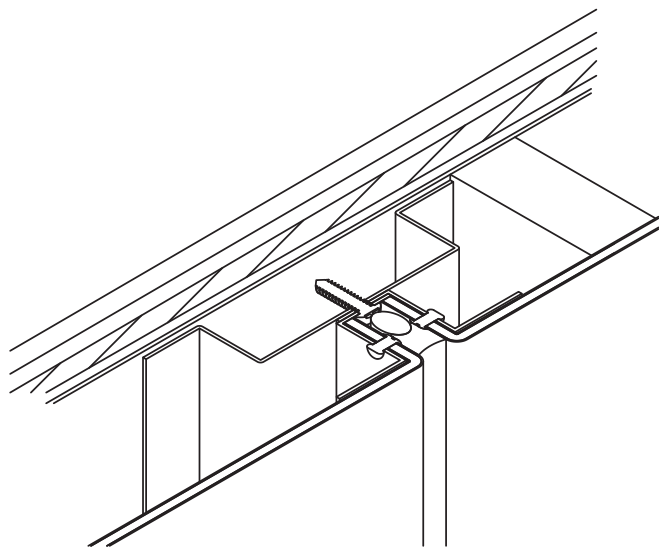
Ref.	Product	Network Building Supplies SKUs	
1	Mitsubishi Alpolic NC Panels	Varies	
2	DOWSIL™ 791	Varies	
3	Continuous Aluminium Z Brackets	Low Profile	ZANGLE23101.6
		High Profile	ZANGLE40251.6
4	Rondo Heavy Top Hat 50mm (face) x 15/25/35/50mm (h) x 18mm (flange) 1.15BMT	50mmx15mm	RONH51536
		50mmx25mm	RONH52536
		50mmx35mm	RONH3536
		50mmx50mm	RONH55036
5	16mm Open Cell Backing Rod	BROC16150	
6	Bradford Proctor Wrap CW / Tyvek CW	BRAD114175 / Varies	
7	Bradford Thermoseal Fire Spec Non-Combustible	BRAD164674	
8	Self Tapping / Self Drilling Screw	WSC31022	
9	Paroc Rockwool Insulation	60kg 50mm	INSR8532509
		80kg 25mm	INSR8545585
		80kg 50mm	INSR8537127
		120kg 50mm	INSR8513977
		60kg R2.5 90mm	INSR2.5600ROCK
10	Flat 1016	FLAT1016	
11	3M RP45 Double Sided Tape	3M-VHBRP45-12	
13	CSR Rigid Air Barrier 6mm	170076	
14	Trafalgar Siderise RH25 open state cavity barrier	Varies	
15	Trafalgar Siderise RV cavity barrier	Varies	

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ALPOLIC NC
w/ sarking

1 VERTICAL JOINT DETAIL



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*FRL to be nominated by engineer.

Engineer to review & approve for project.
Drawings do not supercede engineering detail.



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SYSTEM**

Project
Alpolic Installation Drawings

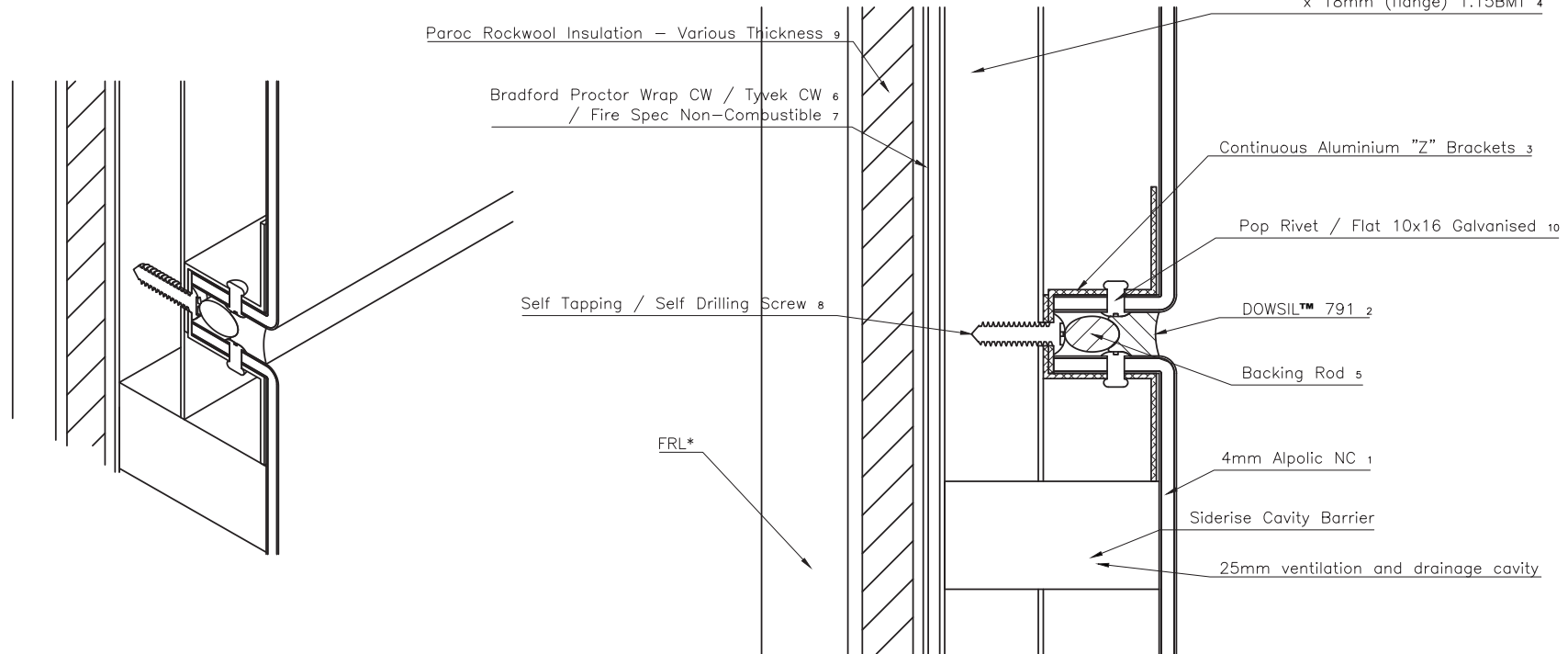
Drawing Title
Vertical Joint Detail

Drafting by
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ALPOLIC NC

w/ sarking

2 HORIZONTAL JOINT DETAIL



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FIRE

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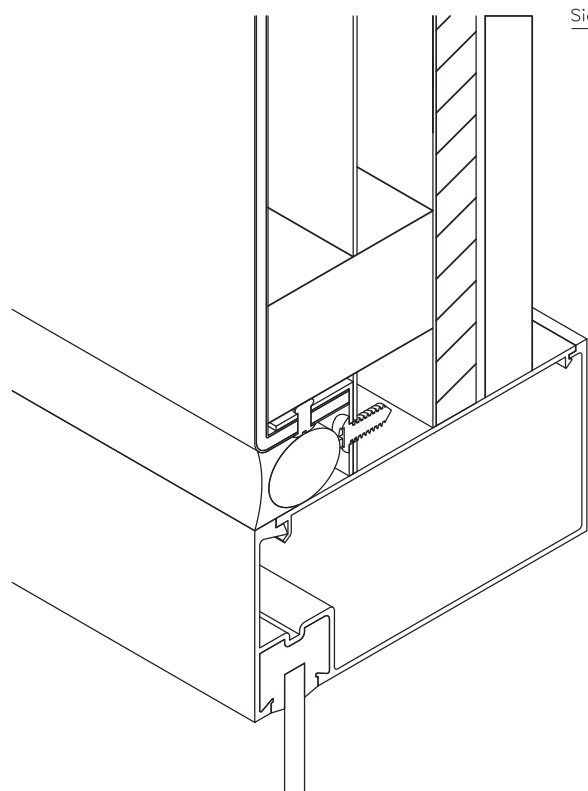
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Project	Alpolic Installation Drawings
Drawing Title	Horizontal Joint Detail
Drafting by	Network Architectural

ALPOLIC NC w/ sarking

3 WINDOW DETAIL



Siderise cavity barrier (to perimeter of apertures)

25mm ventilation and drainage cavity

4mm Alpolic NC 1

Pop Rivet / Flat 10x16 Galvanised 10

DOWSIL™ 791 2

Backing Rod 5

Window

Rondo Heavy Top Hat
50mm (face) x 15/25/35/50mm (h)
x 18mm (flange) 1.15BMT 4

Bradford Proctor Wrap CW / Tyvek CW 6
/ Fire Spec Non-Combustible 7

Self Tapping / Self Drilling Screw 8

Paroc Rockwool Insulation –
Various Thickness 9

FRL*



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FIRE

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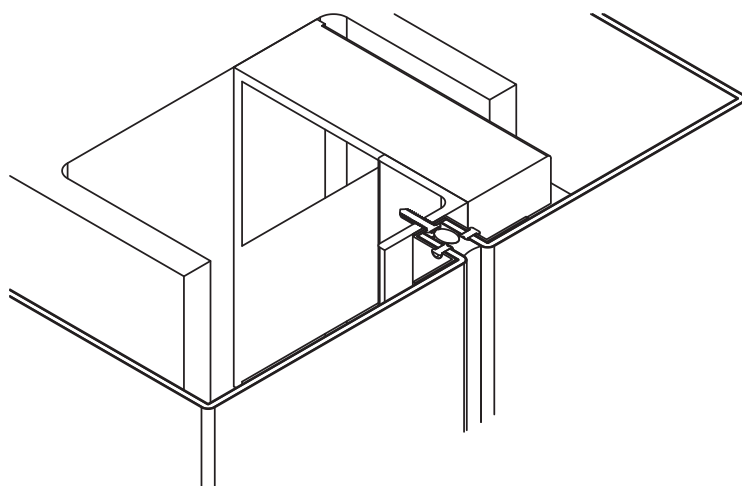
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SYSTEM**

Project	Alpolic Installation Drawings
Drawing Title	Window Detail
Drafting by	Network Architectural

ALPOLIC NC

4 SQUARE COLUMN DETAIL



I-Beam Column

ANGLE BRACKET

Self Tapping / Self Drilling Screw 8

Rondo Heavy Top Hat
50mm (face) x 15/25/35/50mm (h)
x 18mm (flange) 1.15BMT 4

4mm ALPOLIC NC

Backing Rod 5

Pop Rivet / Flat 10x16 Galvanised 10

DOWSIL™ 791 2



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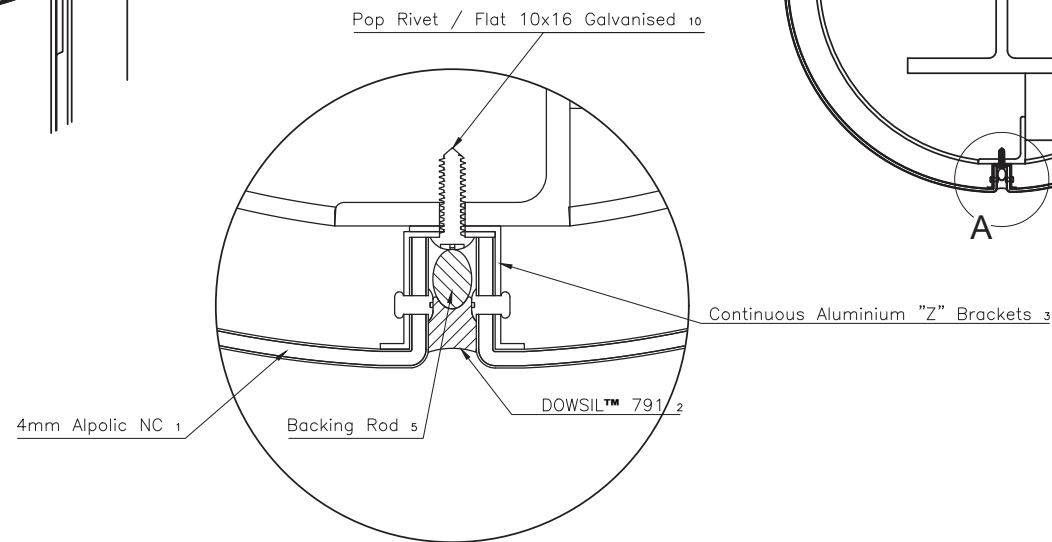
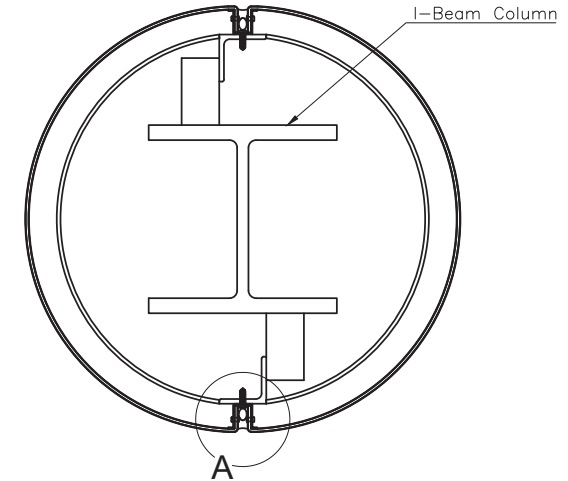
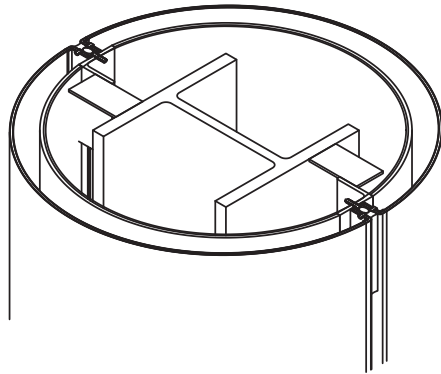
Engineer to review & approve for project.
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detail.

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Project	Alpolic Installation Drawings
Drawing Title	Square Column Detail
Drafting by	Network Architectural

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5 ROUND COLUMN DETAIL

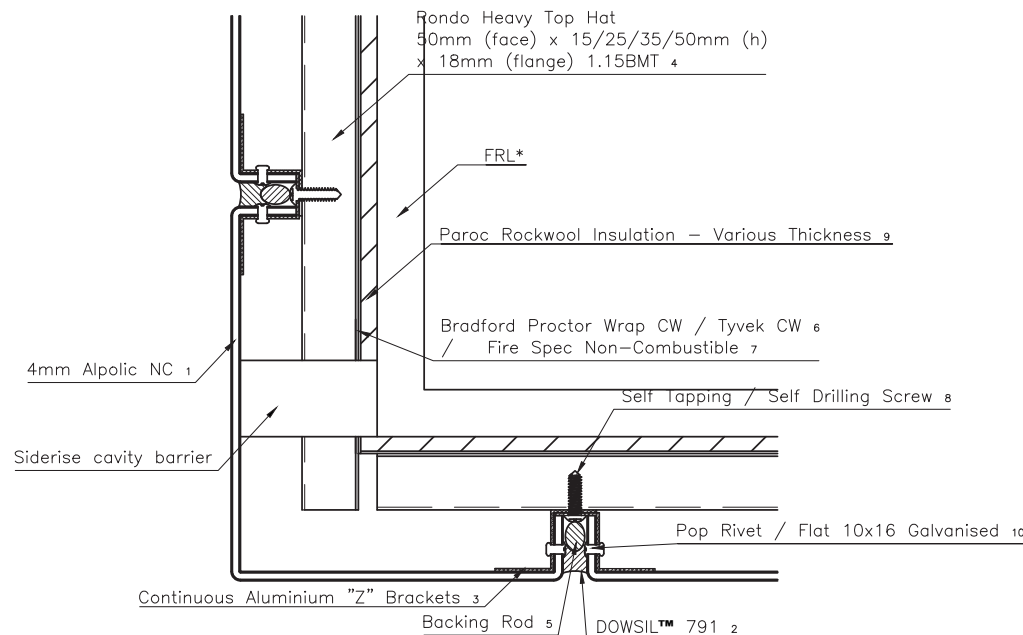
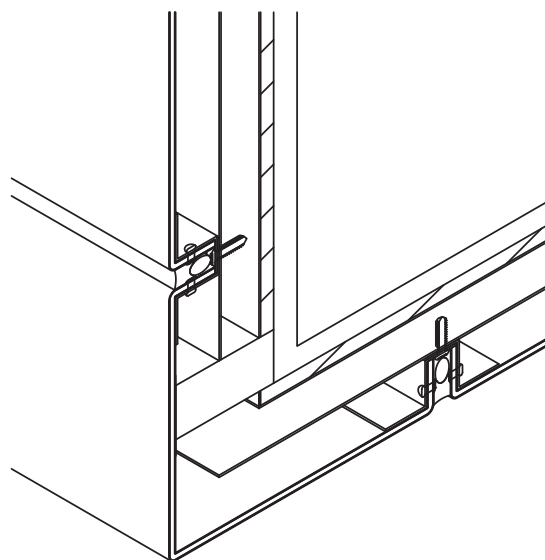


DETAIL-A

Engineer to review & approve for project.
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detail.

ALPOLIC NC
w/ sarking

6 SOFFIT DETAIL



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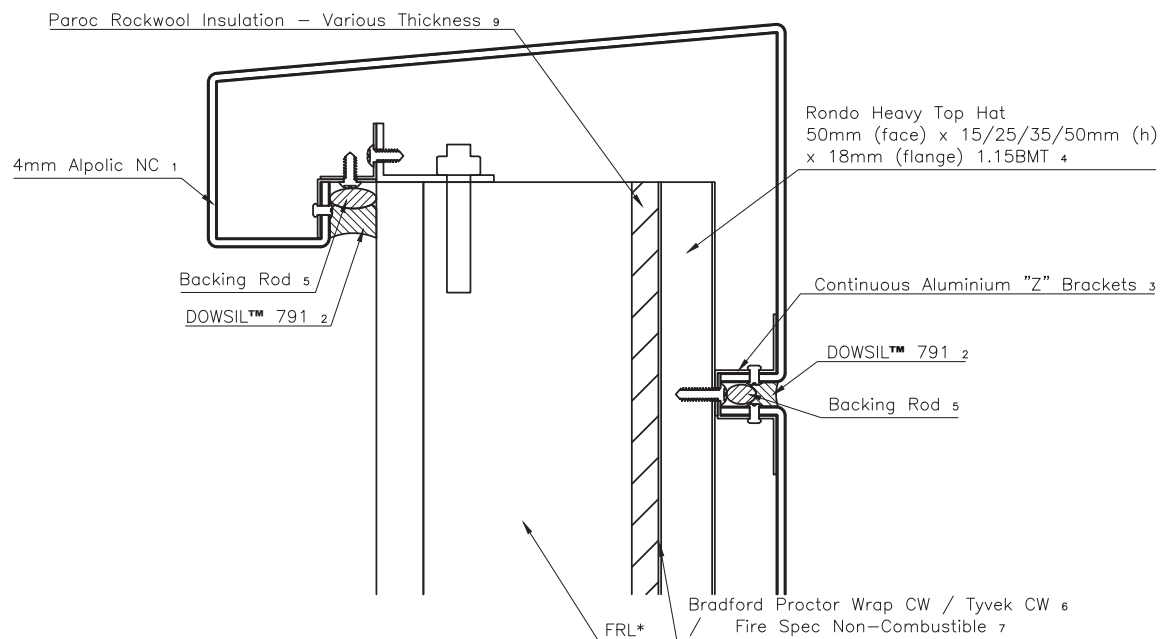
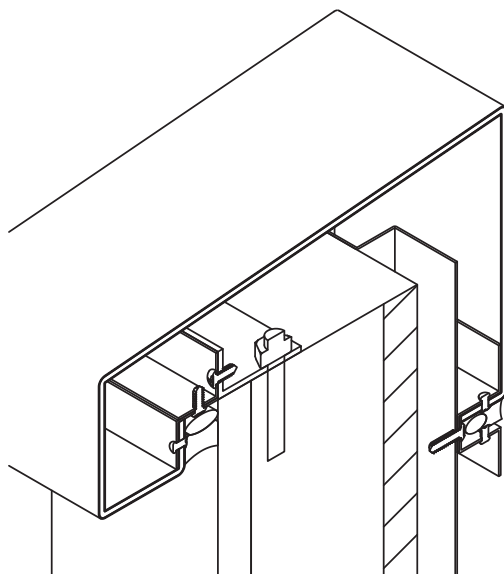
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Project	Alpolic Installation Drawings
Drawing Title	Soffit Detail
Drafting by	Network Architectural

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w/ sarking

7 PARAPET/CAPPING DETAIL



*FRL to be nominated by engineer.

Engineer to review & approve for project.
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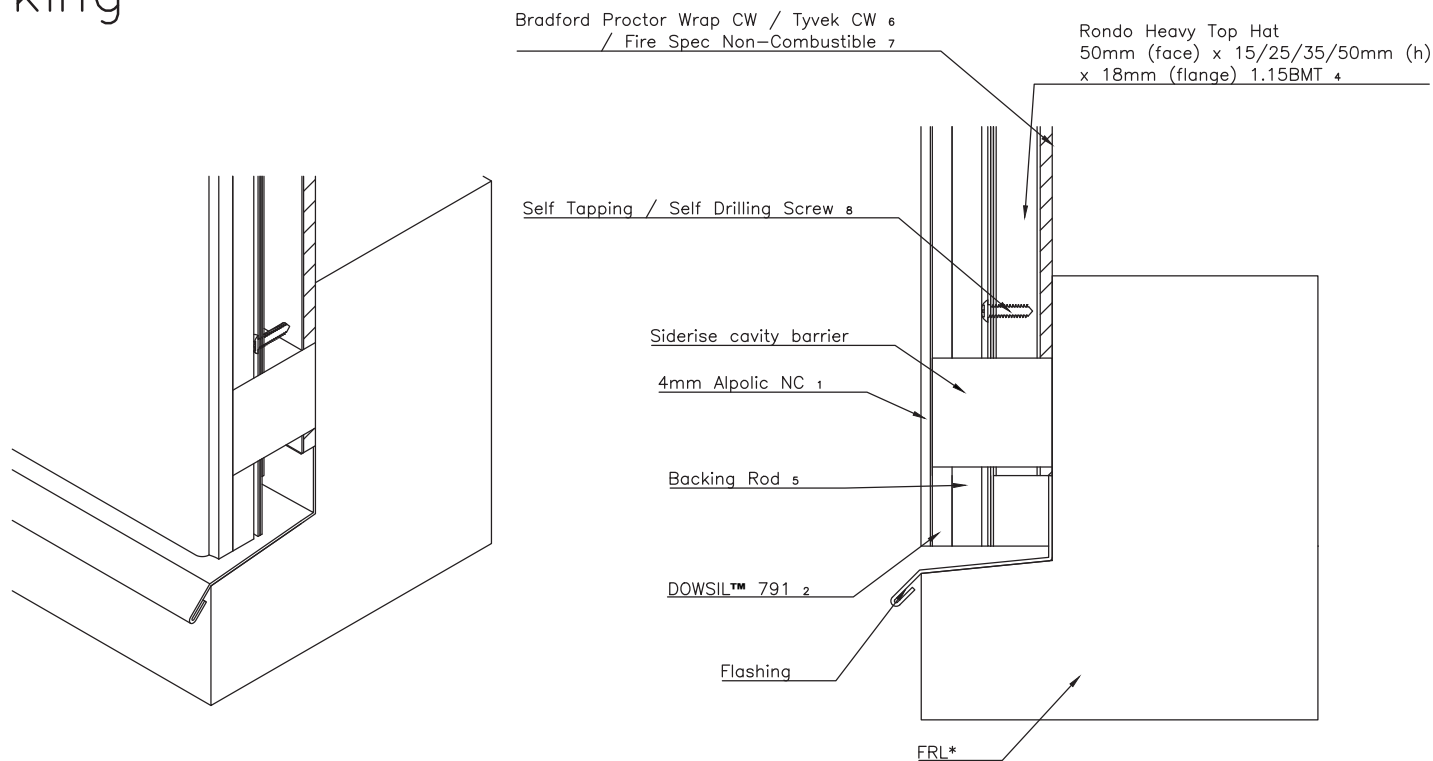
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Project	Alpolic Installation Drawings
Drawing Title	Parapet/Capping Detail
Drafting by	Network Architectural

ALPOLIC NC

w/ sarking

8 BASE DETAIL



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*FRL to be nominated by engineer.

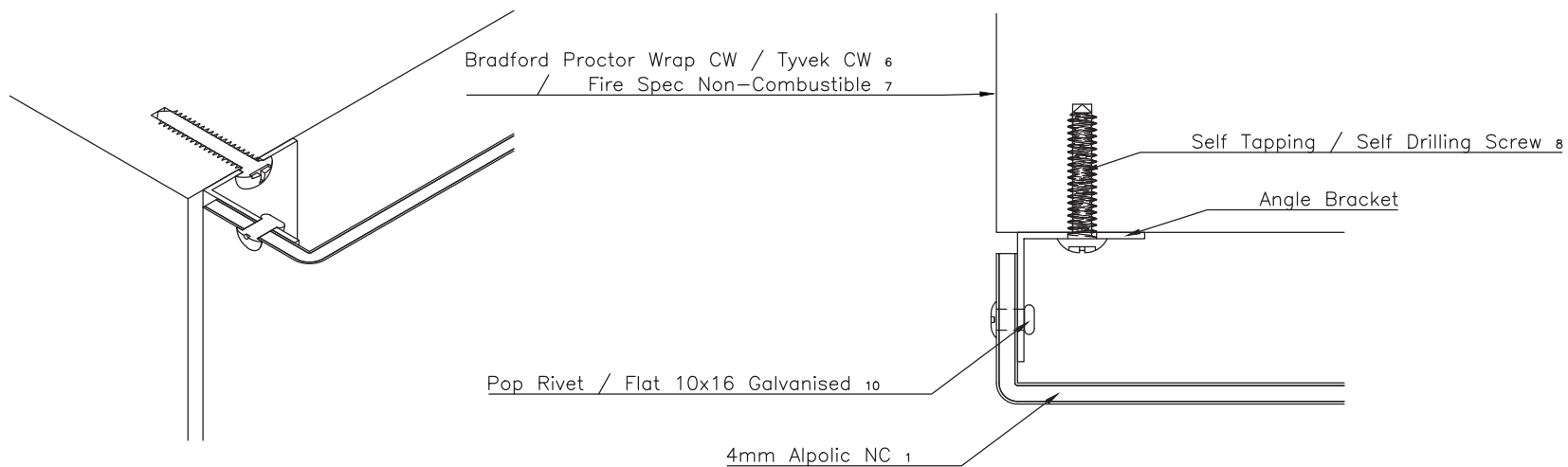
Engineer to review & approve for project.
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Project	Alpolic Installation Drawings
Drawing Title	Base Detail
Drafting by	Network Architectural

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9 EDGE DETAIL



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Engineer to review & approve for project.
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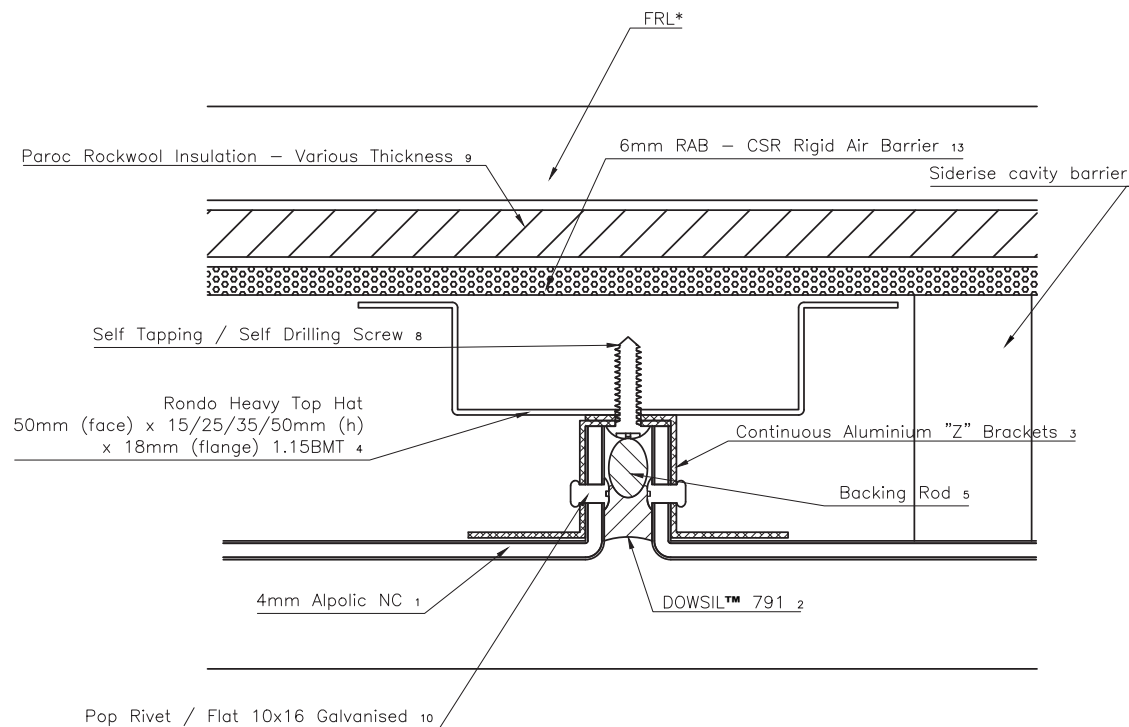
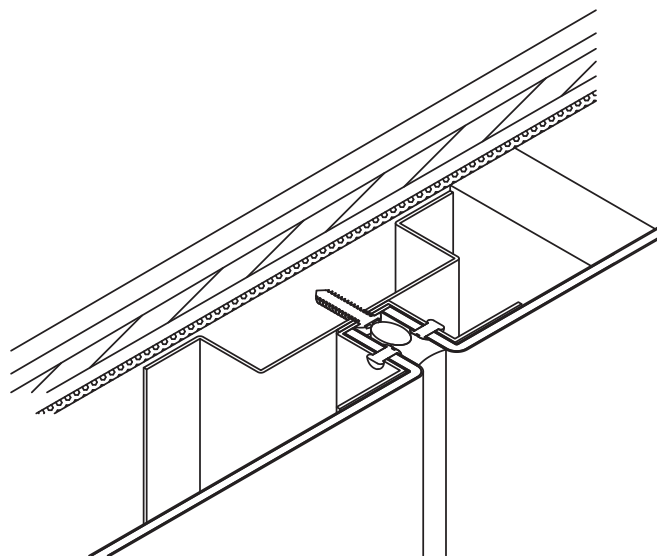
Project
Alpolic Installation Drawings

Drawing Title
Edge Detail

Drafting by
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RAB

1 VERTICAL JOINT DETAIL



*FRL to be nominated by engineer.

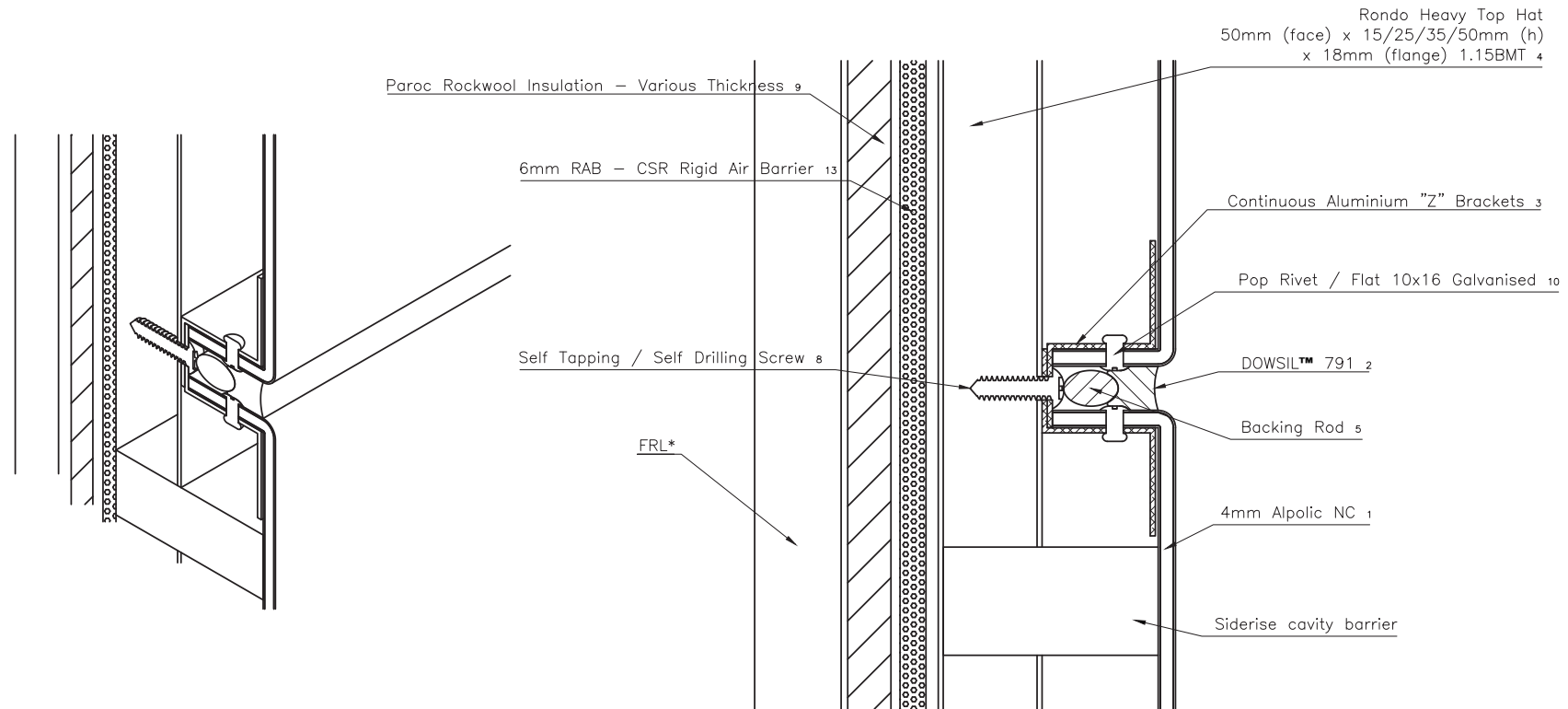
Engineer to review & approve for project.
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Project	Alpolic Installation Drawings
Drawing Title	Vertical Joint Detail
Drafting by	Network Architectural

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RAB

2 HORIZONTAL JOINT DETAIL



*FRL to be nominated by engineer.

Engineer to review & approve for project.
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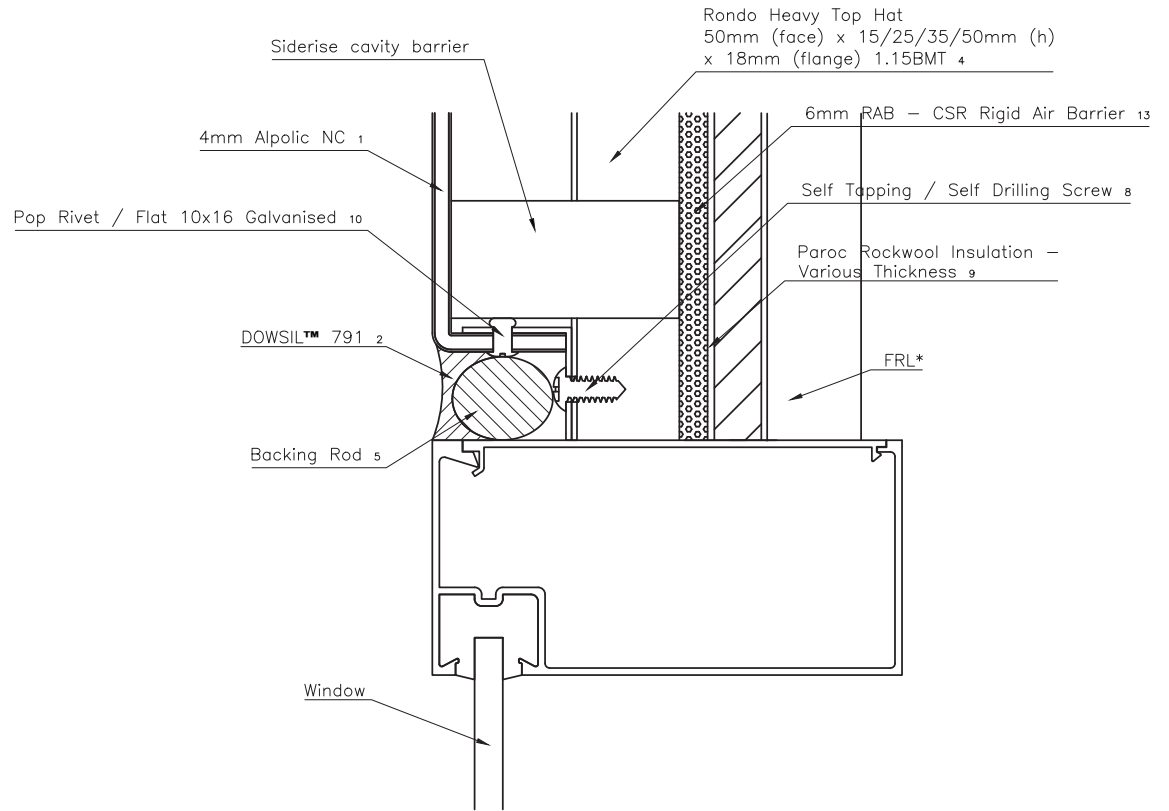
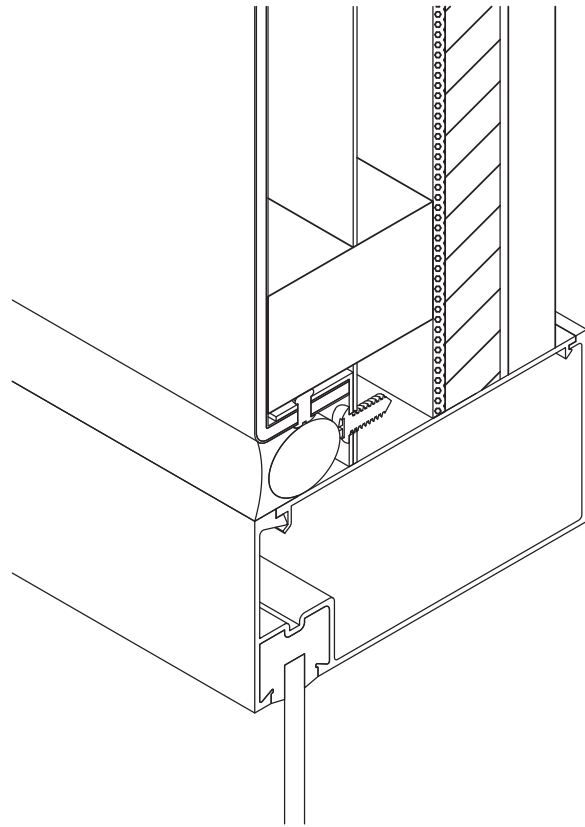


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Project	Alpolic Installation Drawings
Drawing Title	Horizontal Joint Detail
Drafting by	Network Architectural

ALPOLIC NC RAB

3 WINDOW DETAIL



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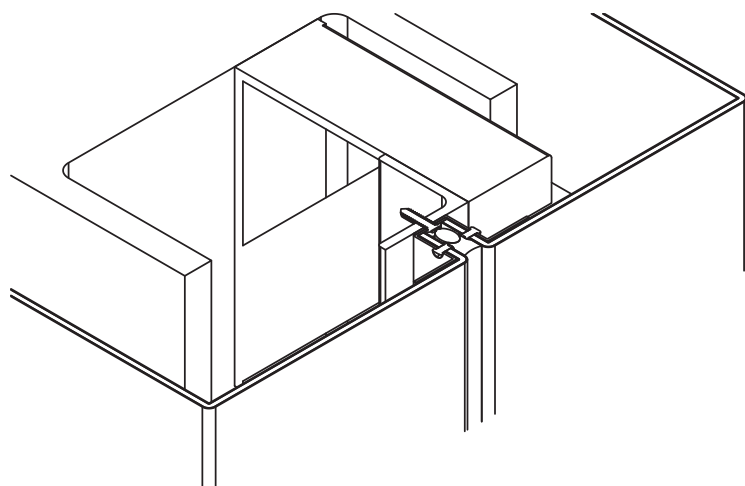
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SYSTEM**

Project	Alpolic Installation Drawings
Drawing Title	Window Detail
Drafting by	Network Architectural

ALPOLIC NC
RAB

4

SQUARE COLUMN DETAIL



I-Beam Column

ANGLE BRACKET

Self Tapping / Self Drilling Screw 8

Rondo Heavy Top Hat
50mm (face) x 15/25/35/50mm (h)
x 18mm (flange) 1.15BMT 4

4mm ALPOLIC NC

Backing Rod 5

Pop Rivet / Flat 10x16 Galvanised 10

DOWSIL™ 791 2



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Engineer to review & approve for project.
Drawings do not supercede engineering
detail.

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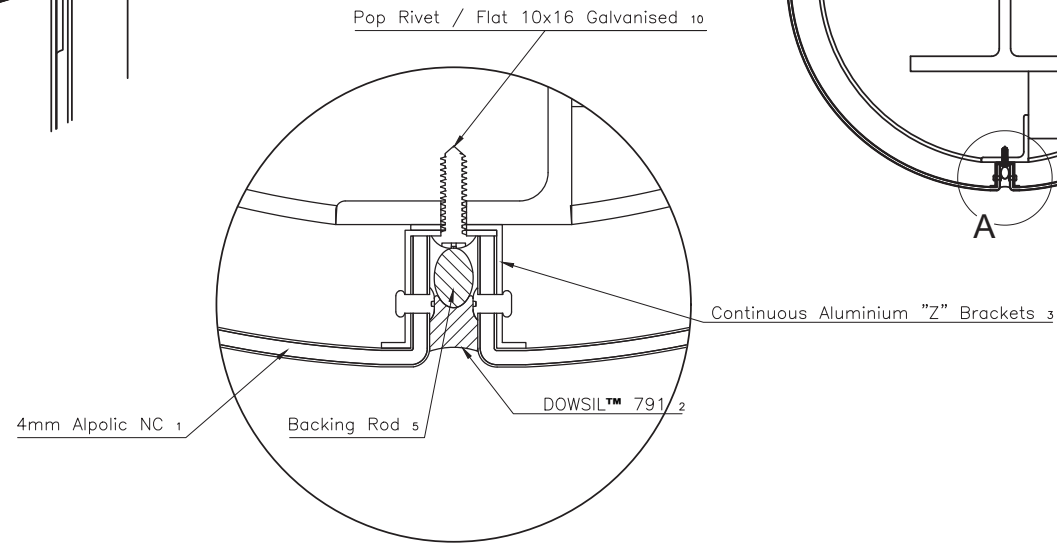
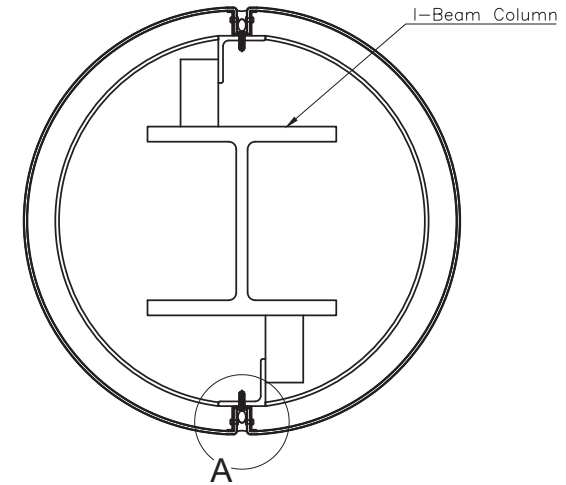
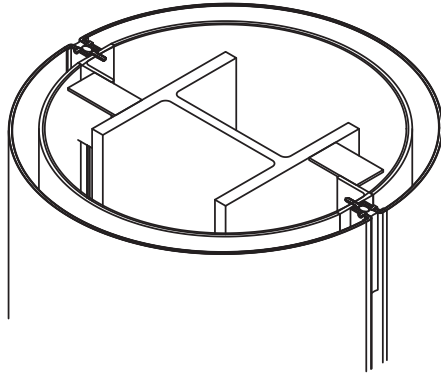
Project
Alpolic Installation Drawings

Drawing Title
Square Column Detail

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ALPOLIC NC
RAB

5 ROUND COLUMN DETAIL



DETAIL-A

Engineer to review & approve for project.
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detail.



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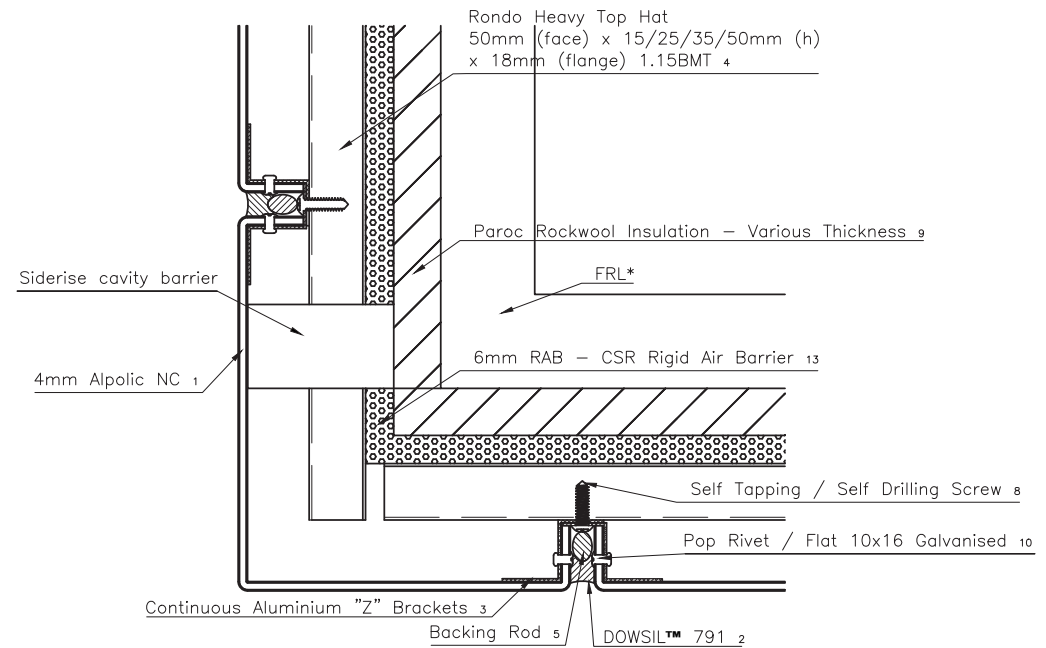
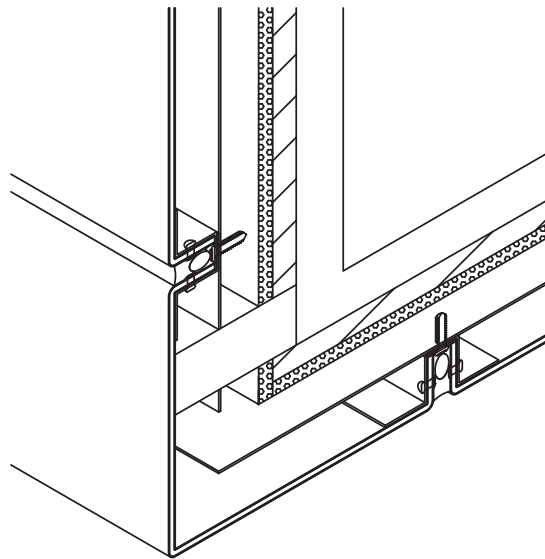
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Project	Alpolic Installation Drawings
Drawing Title	Round Column Detail
Drafting by	Network Architectural

ALPOLIC NC RAB

6 SOFFIT DETAIL



*FRL to be nominated by engineer.

Engineer to review & approve for project.
Drawings do not supercede engineering
detail.

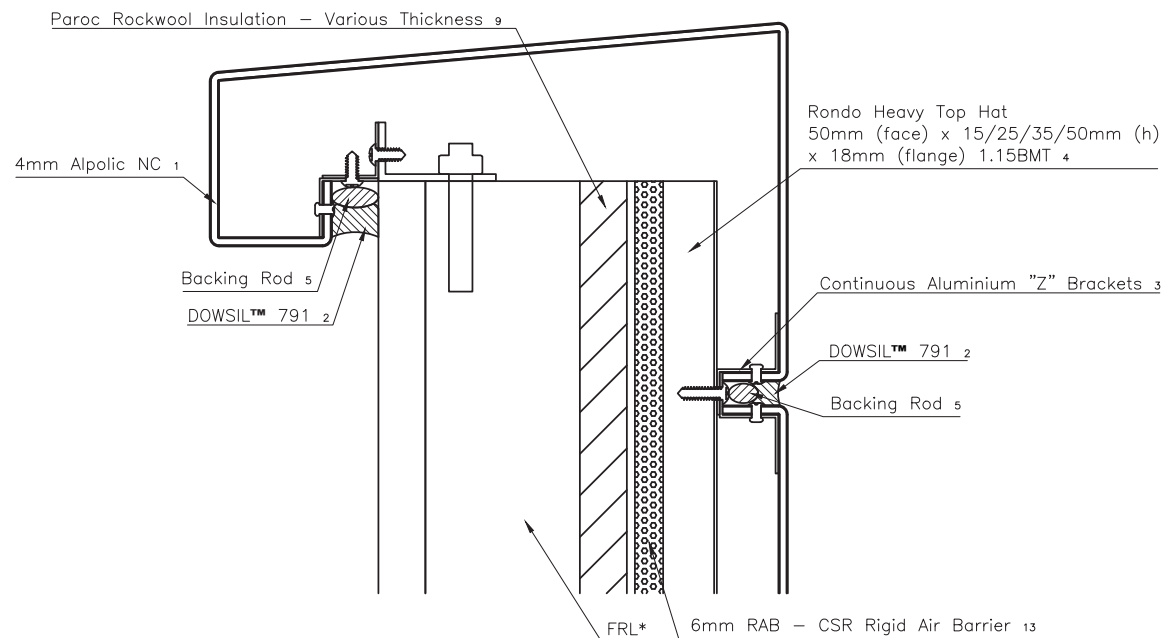
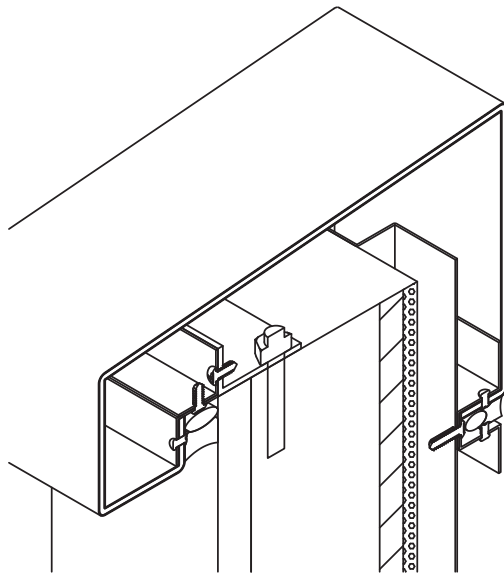


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Project	Alpolic Installation Drawings
Drawing Title	Soffit Detail
Drafting by	Network Architectural

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RAB

7 PARAPET/CAPPING DETAIL



*FRL to be nominated by engineer.

Engineer to review & approve for project.
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detail.



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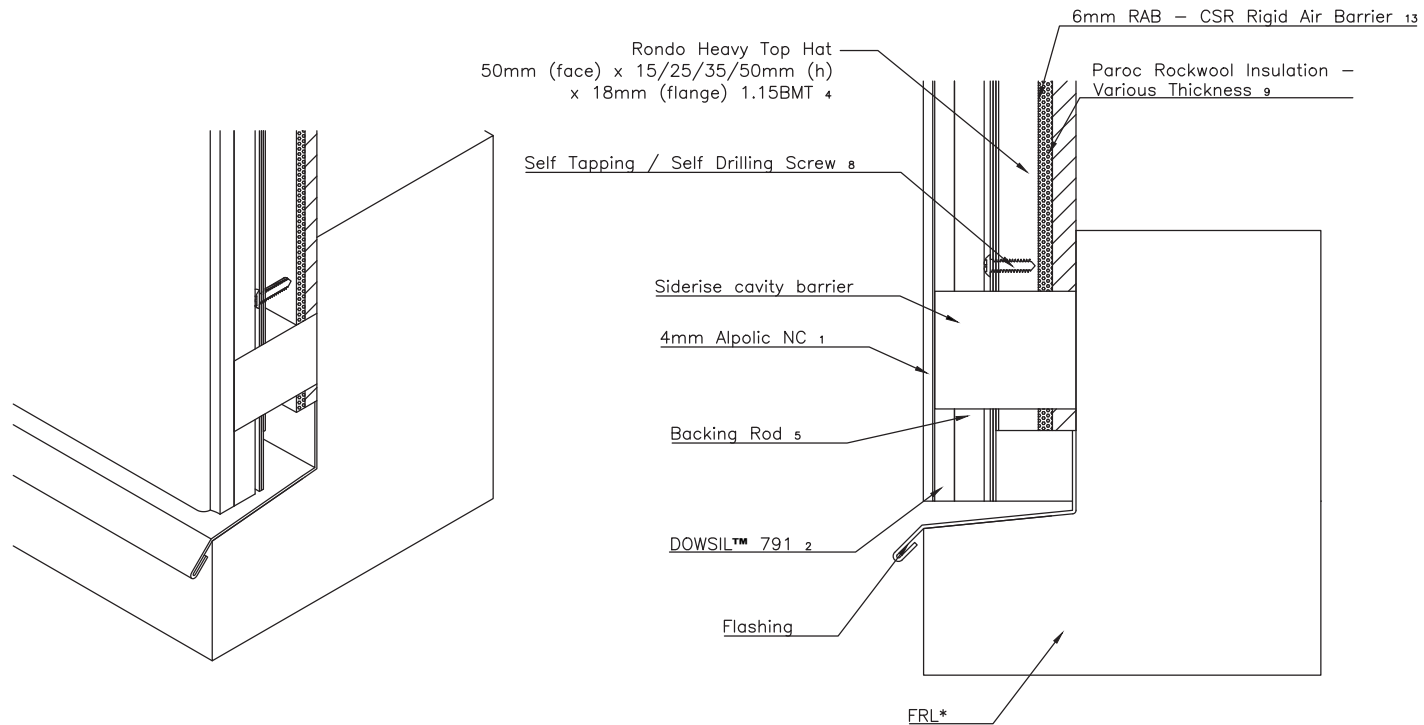
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Project	Alpolic Installation Drawings
Drawing Title	Parapet/Capping Detail
Drafting by	Network Architectural

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RAB

8 BASE DETAIL



*FRL to be nominated by engineer.

Engineer to review & approve for project.
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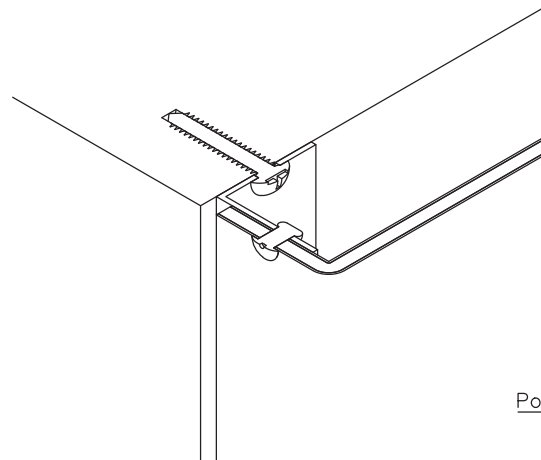


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SYSTEM**

Project	Alpolic Installation Drawings
Drawing Title	Base Detail
Drafting by	Network Architectural

ALPOLIC NC
RAB

9 EDGE DETAIL

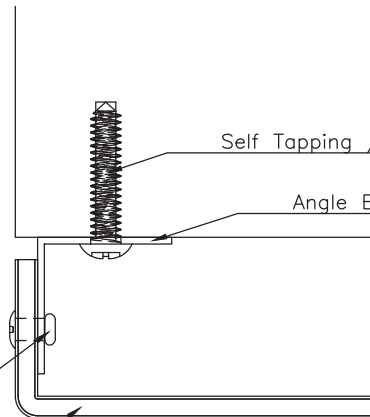


Pop Rivet / Flat 10x16 Galvanised 10

4mm Alpolic NC 1

Self Tapping / Self Drilling Screw 8

Angle Bracket



Engineer to review & approve for project.
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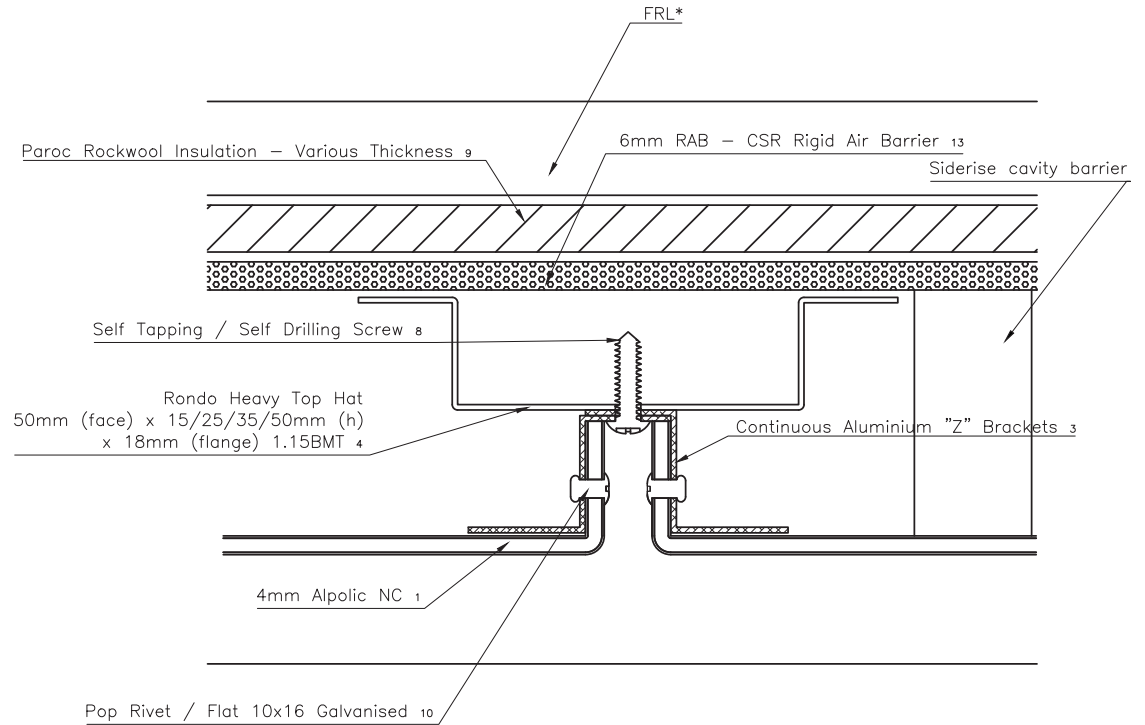
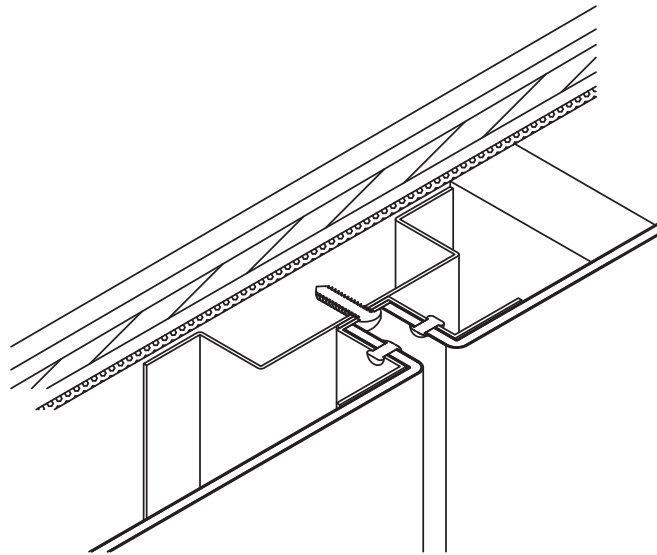
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SYSTEM

Project	Alpolic Installation Drawings
Drawing Title	Edge Detail
Drafting by	Network Architectural

ALPOLIC NC OPEN JOINT

1 VERTICAL JOINT DETAIL



*FRL to be nominated by engineer.

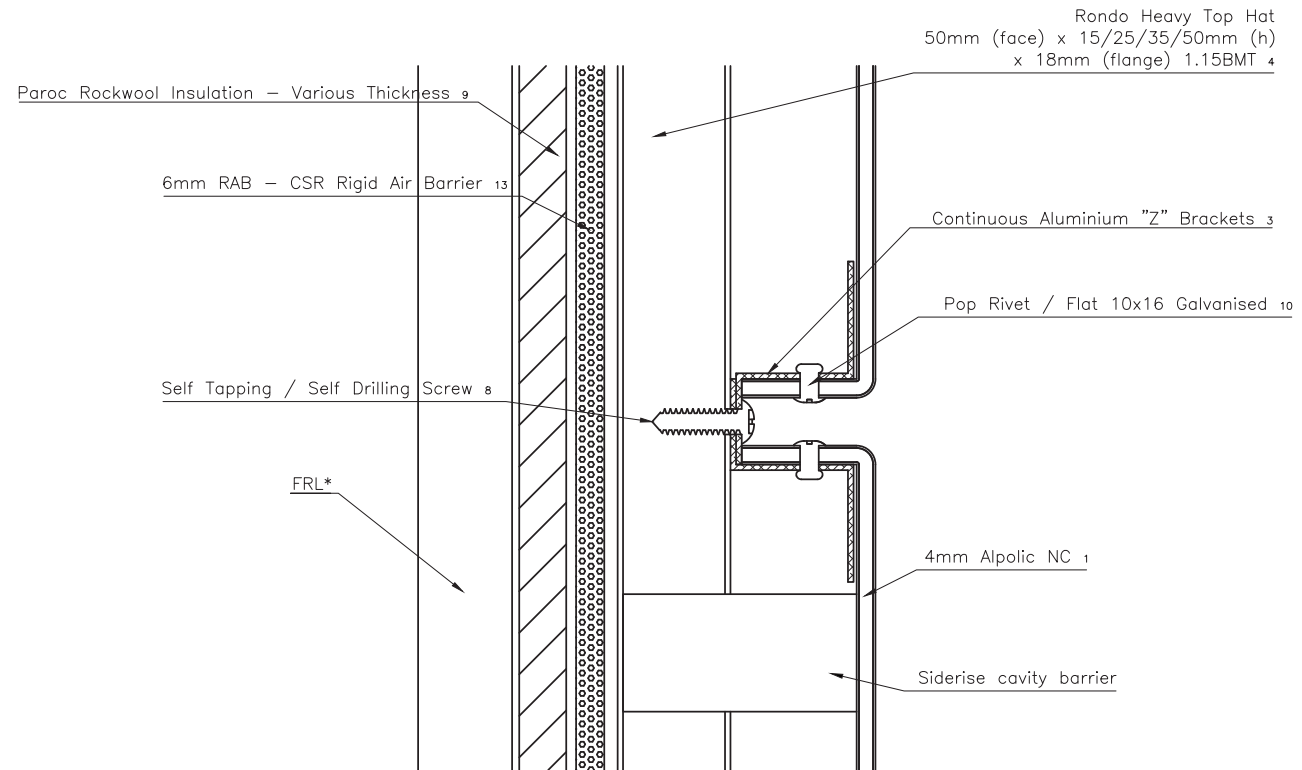
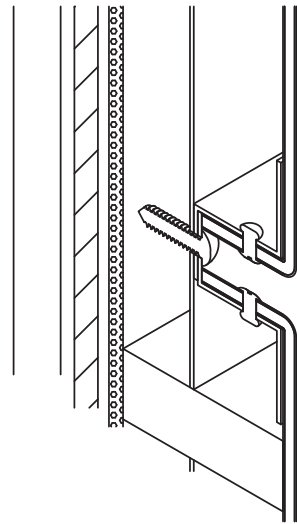
Engineer to review & approve for project.
Drawings do not supercede engineering detail.

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SYSTEM**

Project	Alpolic Installation Drawings
Drawing Title	Vertical Joint Detail
Drafting by	Network Architectural

ALPOLIC NC OPEN JOINT

2 HORIZONTAL JOINT DETAIL



*FRL to be nominated by engineer.

Engineer to review & approve for project.
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detail.

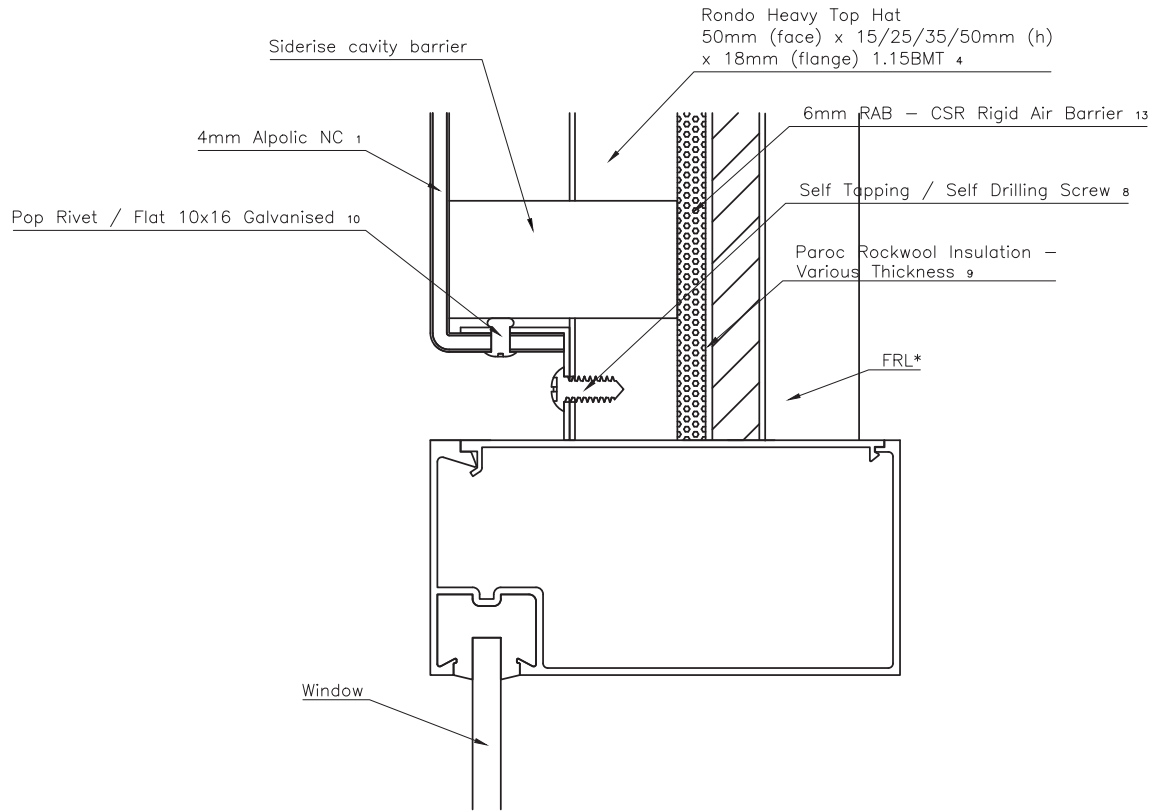
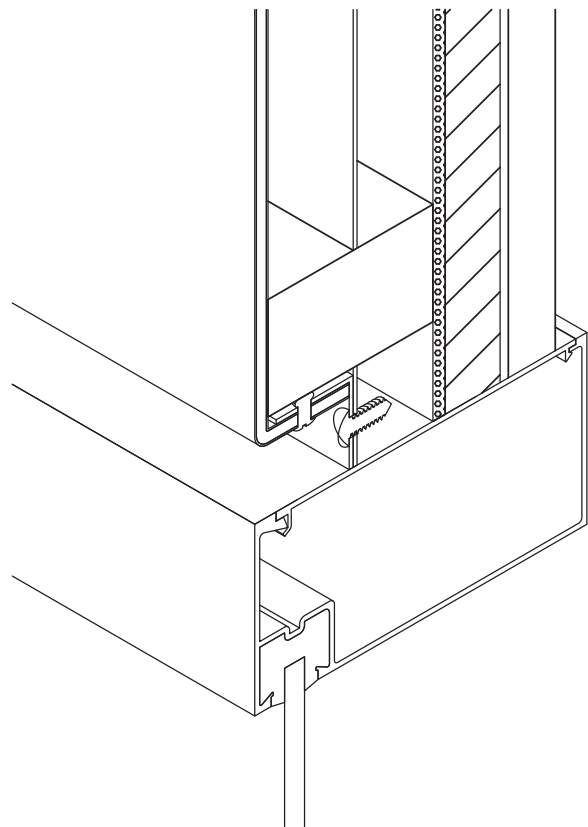


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Project	Alpolic Installation Drawings
Drawing Title	Horizontal Joint Detail
Drafting by	Network Architectural

ALPOLIC NC OPEN JOINT

3 WINDOW DETAIL



PAROC



*FRL to be nominated by engineer.

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detail.



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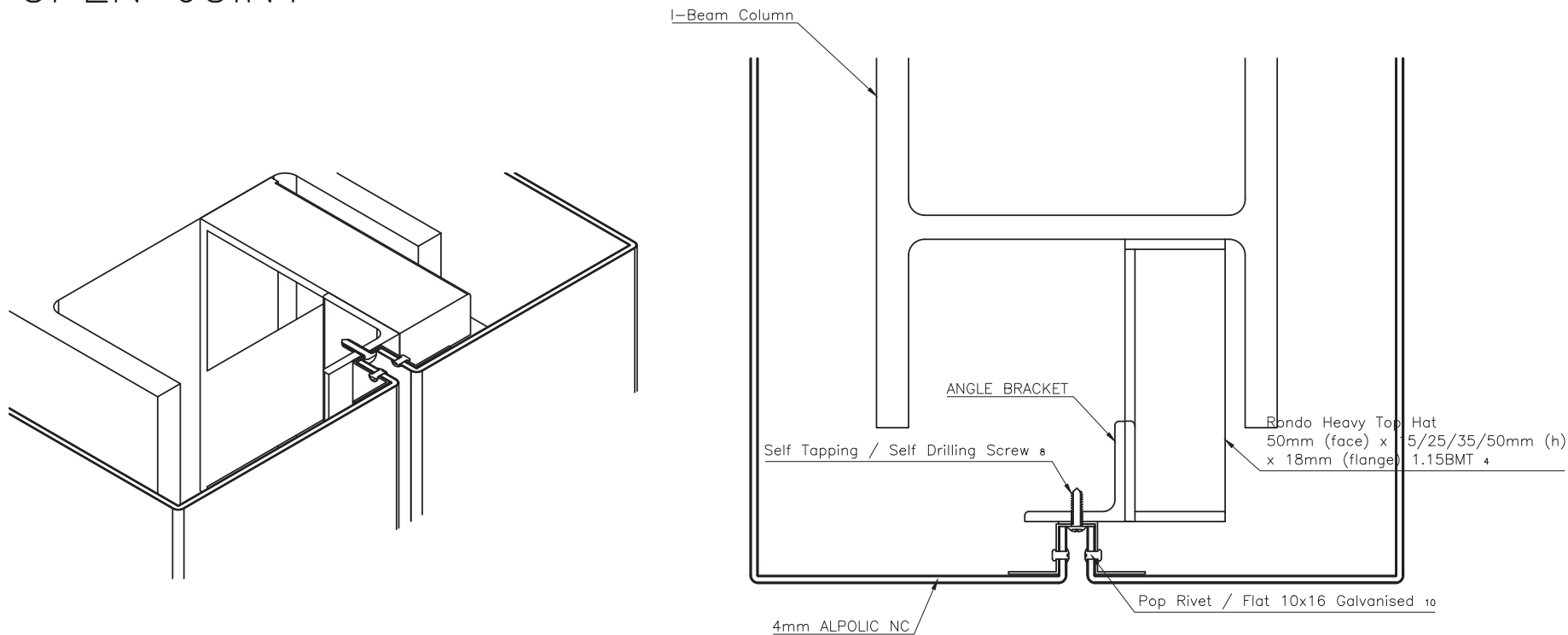
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Project	Alpolic Installation Drawings
Drawing Title	Window Detail
Drafting by	Network Architectural

ALPOLIC NC
OPEN JOINT

4

SQUARE COLUMN DETAIL



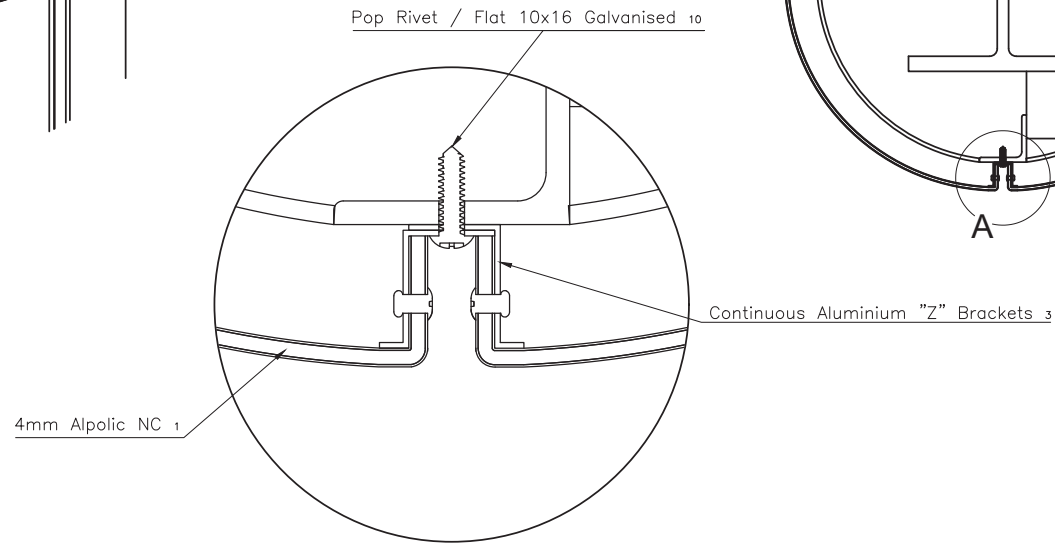
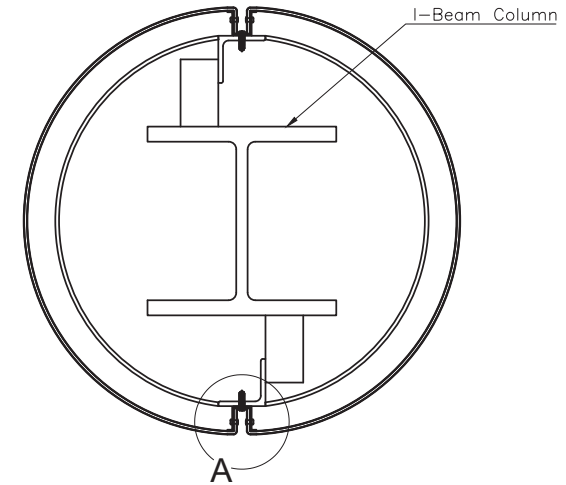
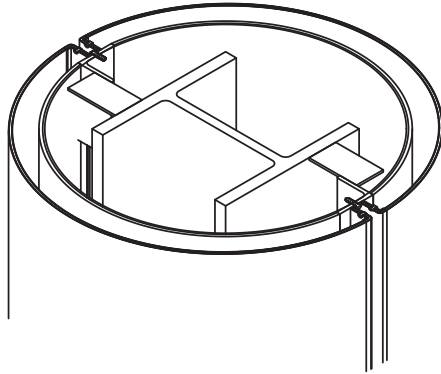
Engineer to review & approve for project.
Drawings do not supercede engineering
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**CONCEALED
CASSETTE
SYSTEM**

Project	Alpolic Installation Drawings
Drawing Title	Square Column Detail
Drafting by	Network Architectural

ALPOLIC NC
OPEN JOINT

5 ROUND COLUMN DETAIL



DETAIL-A

Engineer to review & approve for project.
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detail.



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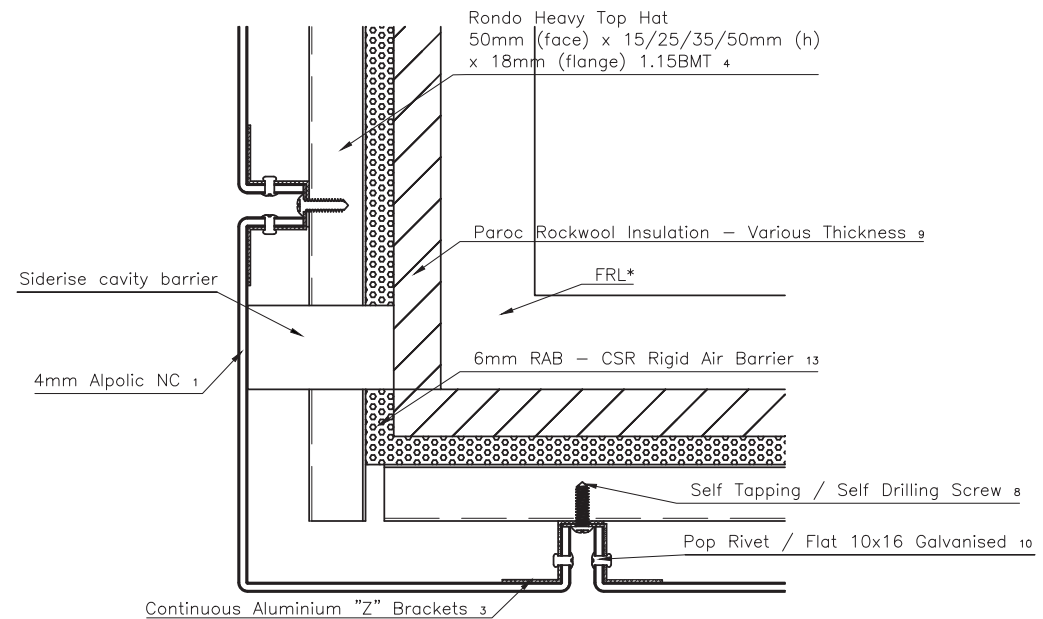
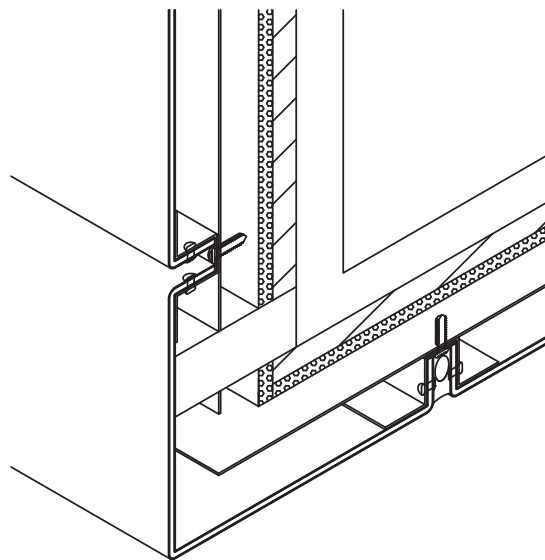
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Project	Alpolic Installation Drawings
Drawing Title	Round Column Detail
Drafting by	Network Architectural

ALPOLIC NC OPEN JOINT

6 SOFFIT DETAIL



*FRL to be nominated by engineer.

Engineer to review & approve for project.
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detail.

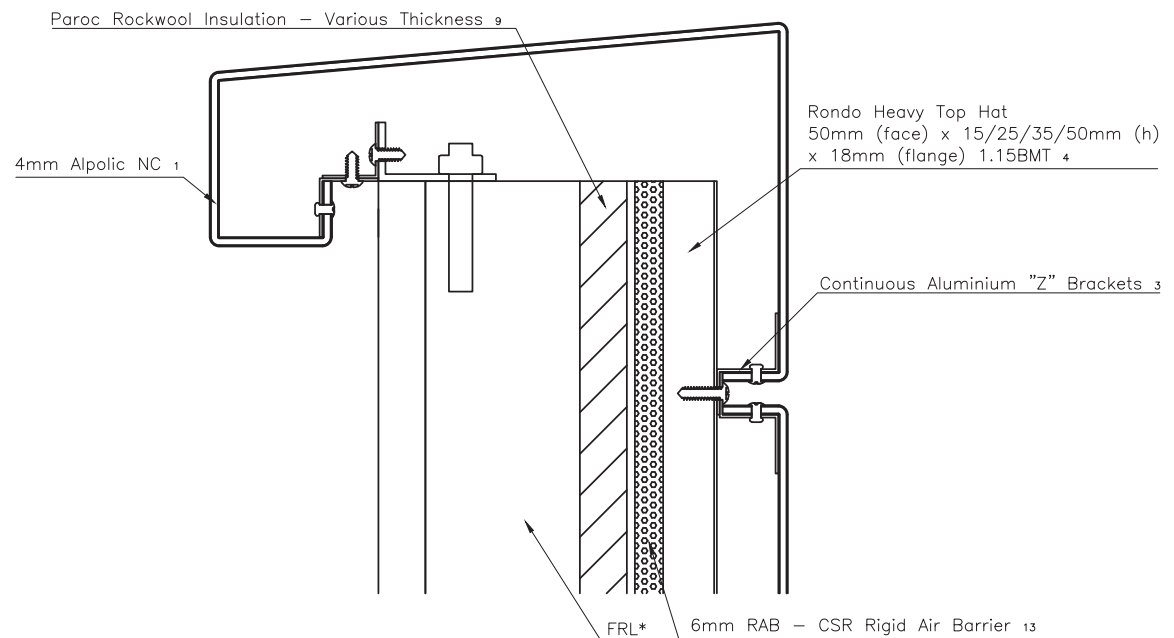
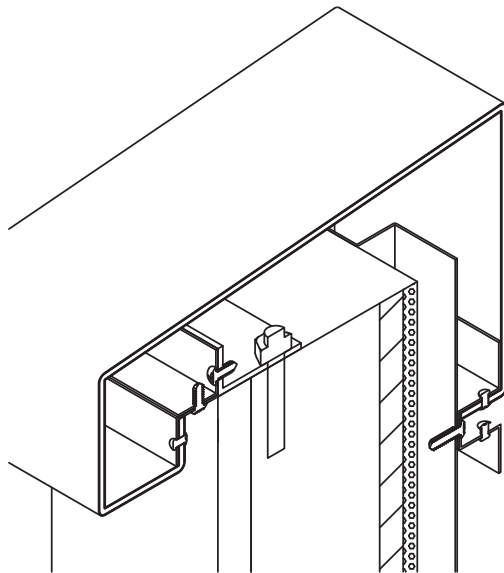


**CONCEALED
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SYSTEM**

Project	Alpolic Installation Drawings
Drawing Title	Soffit Detail
Drafting by	Network Architectural

ALPOLIC NC OPEN JOINT

7 PARAPET/CAPPING DETAIL



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Engineer to review & approve for project.
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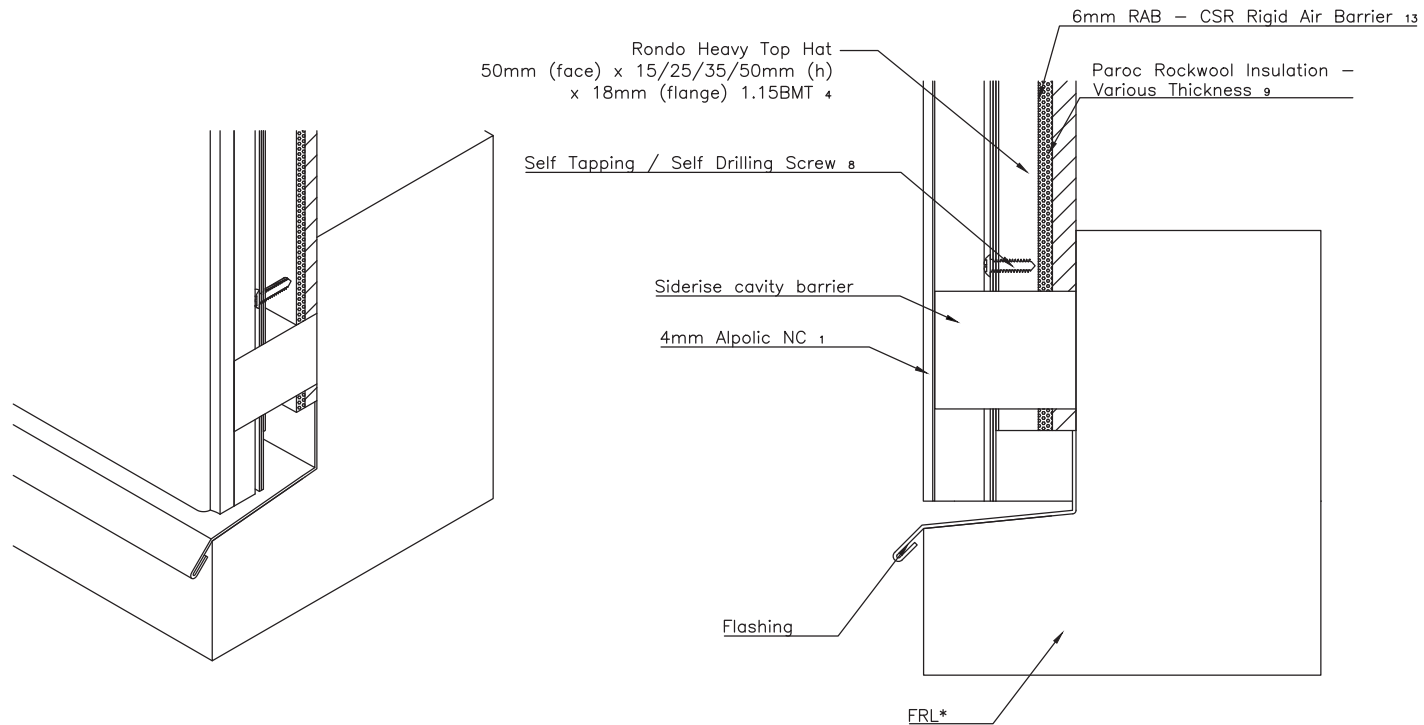


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Project	Alpolic Installation Drawings
Drawing Title	Parapet/Capping Detail
Drafting by	Network Architectural

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8 BASE DETAIL



*FRL to be nominated by engineer.

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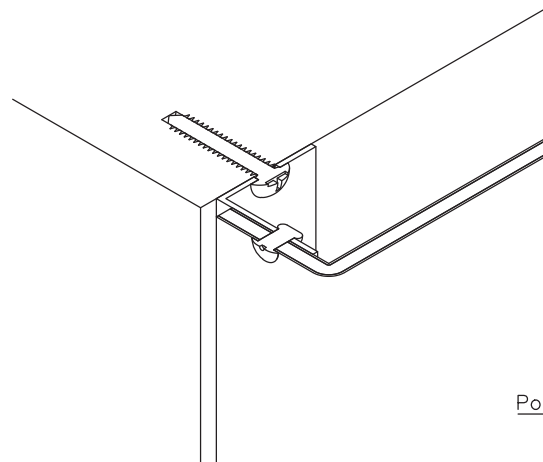


**CONCEALED
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Project	Alpolic Installation Drawings
Drawing Title	Base Detail
Drafting by	Network Architectural

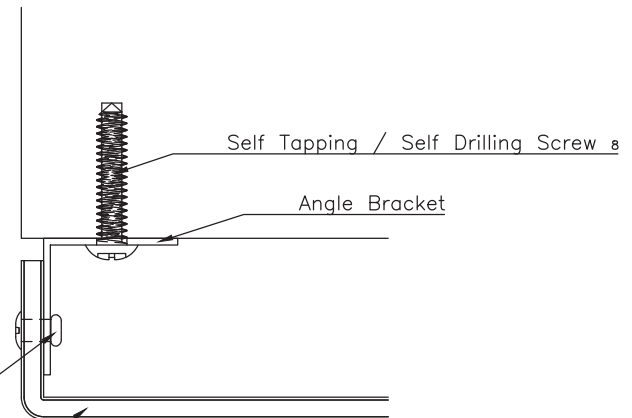
ALPOLIC NC OPEN JOINT

9 EDGE DETAIL



Pop Rivet / Flat 10x16 Galvanised 10

4mm Alpolic NC 1



Self Tapping / Self Drilling Screw 8

Angle Bracket

Engineer to review & approve for project.
Drawings do not supercede engineering
detail.



**CONCEALED
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Project	Alpolic Installation Drawings
Drawing Title	Edge Detail
Drafting by	Network Architectural