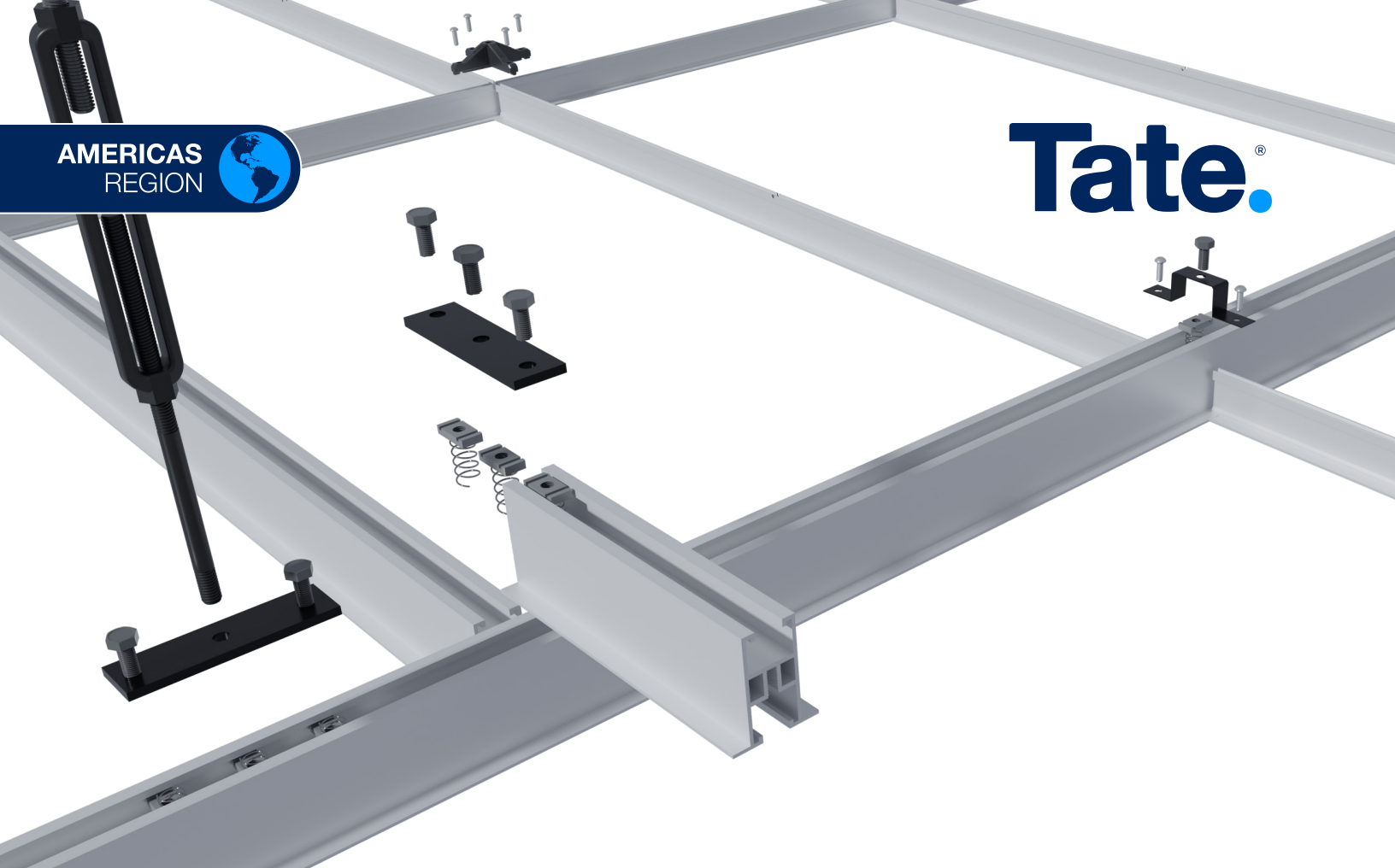


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Panel Sizing Guide

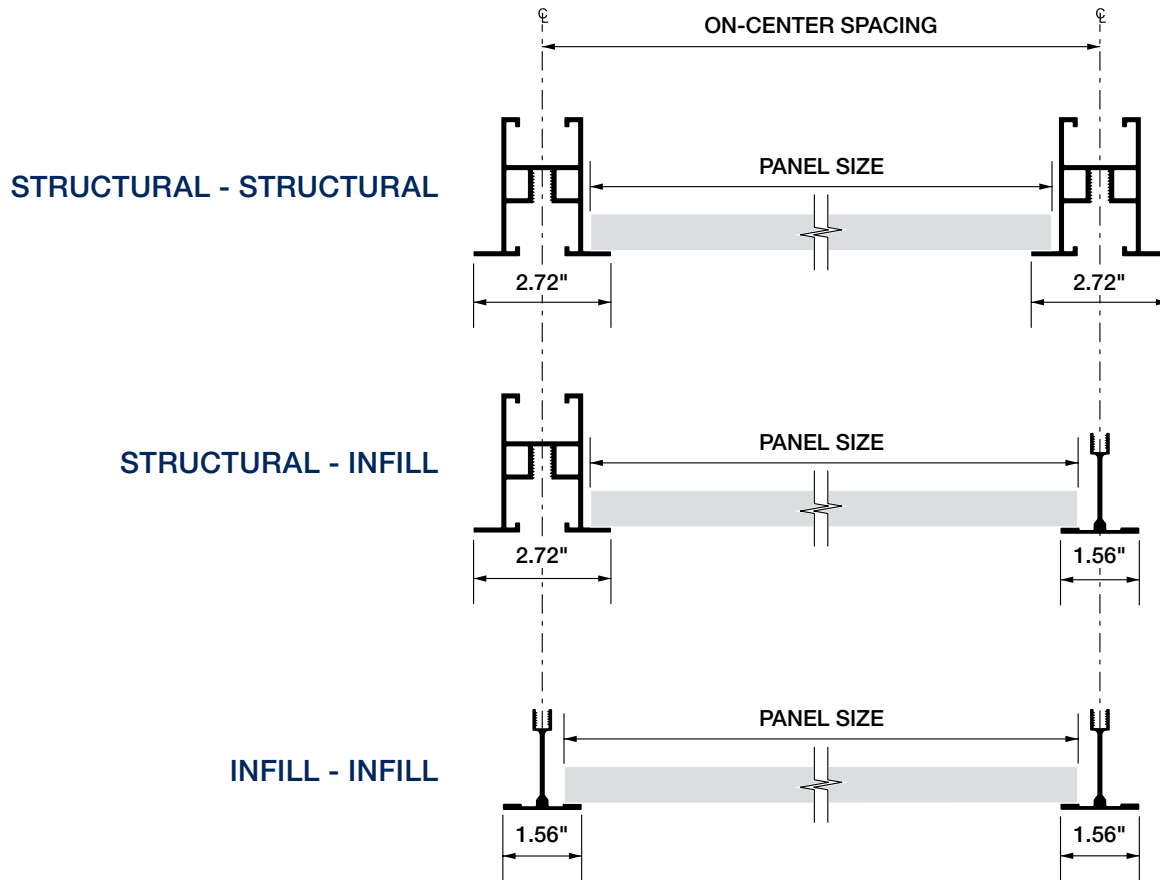
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Grid Layout Design Options

Constructing grid layouts can use a combination of three possible types of profile combinations, resulting in varying widths for panel placement.

Accordingly, the required panel sizes will be affected by grid member type and placement. The following is a general guide to designing layout strategy.



Raised Access Flooring (see pages 3-16)

PROS:

- Whole unit grid spacing (e.g. 24" o.c. x 48" o.c.)
- Aligns with raised floor grid
- Aligns floor-to-ceiling components
- Setting out can be achieved from single point

CONS:

- Requires multiple custom panel sizes
- Panel sizes must be matched to specific locations and orientations

Oversized (see pages 17-27)

PROS:

- Uses uniform standard ceiling panel sizes.

CONS:

- Irregular grid size
- Tolerance creep

Hard Module

2' x 4' Panel



STRUCTURAL MAIN RUNNER

STRUCTURAL TEE



LIGHTWEIGHT PRIMARY TEE

LIGHTWEIGHT TEE

Panel Dimensions Key

A	46-1/8" x 22-7/8"	B	46-1/8" x 23-5/8"	C	46-7/8" x 22-7/8"	D	46-7/8" x 23-5/8"
---	-------------------	---	-------------------	---	-------------------	---	-------------------

4' x 4'

4' x 6'

4' x 8'

6' x 8'

8' x 8'

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Raised Access Floor Module

Hard Module

2' x 2' Panel

Panel Dimensions Key

A

22-7/8" x 22-7/8"

B

22-7/8" x 23-5/8"

C

23-5/8" x 23-5/8"



STRUCTURAL MAIN RUNNER

STRUCTURAL TEE



LIGHTWEIGHT PRIMARY TEE

LIGHTWEIGHT TEE

4' x 4'

4' x 6'

4' x 8'

6' x 6'

6' x 8'

8' x 8'

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Raised Access Floor Module

Even Sizing
Light Infill
2' x 4' Panel

STRUCTURAL MAIN RUNNER

STRUCTURAL TEE

LIGHTWEIGHT PRIMARY TEE

LIGHTWEIGHT TEE

Panel Dimensions Key

A

46-1/8" x 23-0"

B

46-1/8" x 23-1/8"

C

46-3/4" x 23-0"

D

46-3/4" x 23-1/8"

4' x 6'

4' x 8'

6' x 8'

8' x 8'

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Raised Access Floor Module

Even Sizing
Light Infill
2' x 2' Panel

Panel Dimensions Key



STRUCTURAL MAIN RUNNER



STRUCTURAL TEE



LIGHTWEIGHT PRIMARY TEE



LIGHTWEIGHT TEE

A

23-0" x 22-7/8"

B

23-1/8" x 22-7/8"

C

23-0" x 23-0"

D

23-0" x 23-1/8"

E

23-1/8" x 23-1/8"

4' x 6'

4' x 8'

6' x 6'

6' x 8'

8' x 8'

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Raised Access Floor Module

All Structural
2' x 4' Panel

Panel Dimensions Key



A



STRUCTURAL MAIN RUNNER



STRUCTURAL TEE

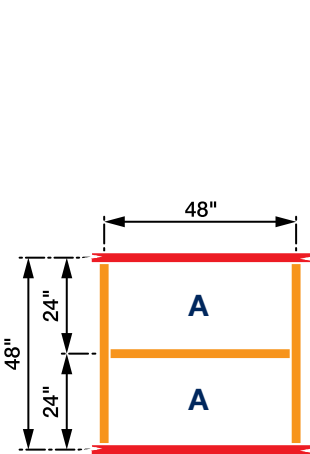
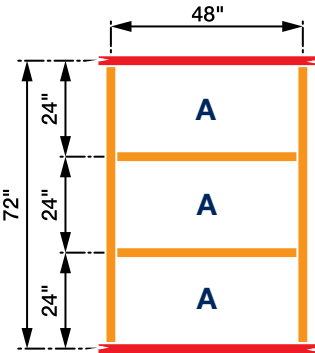
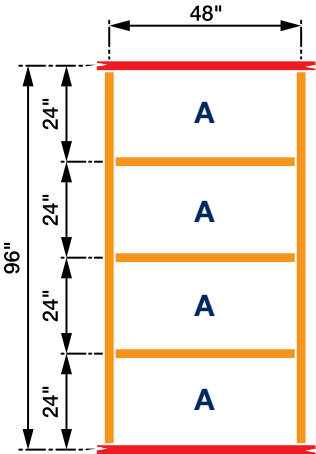
A

22-1/8" x 46-1/8"

4' x 4'

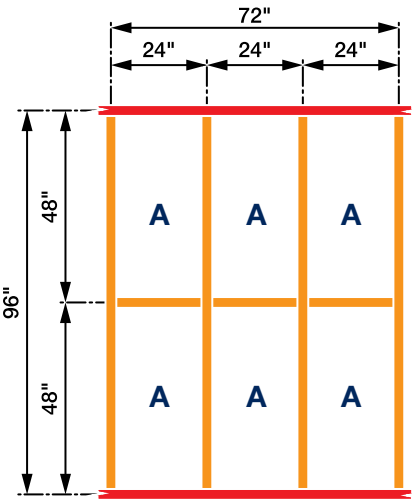
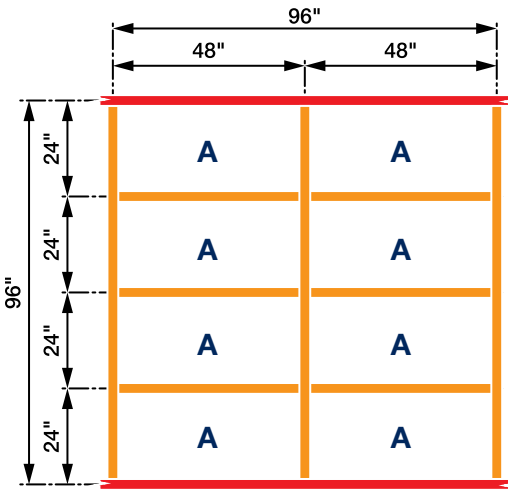
4' x 6'

4' x 8'



6' x 8'

8' x 8'



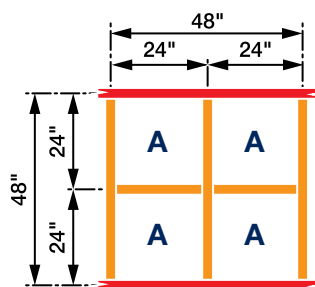
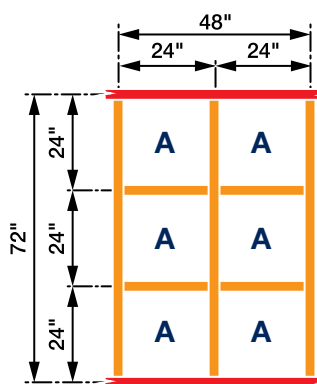
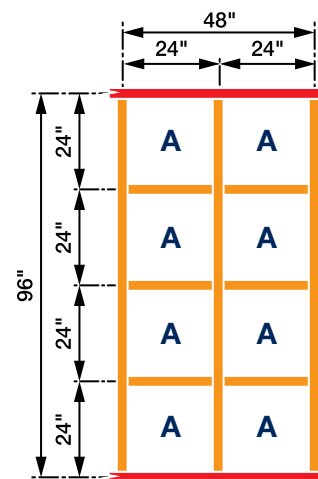
All Structural 2' x 2' Panel



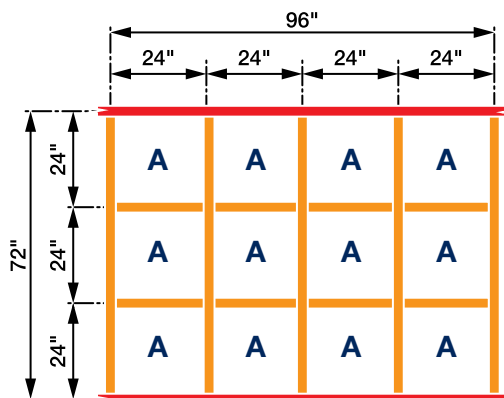
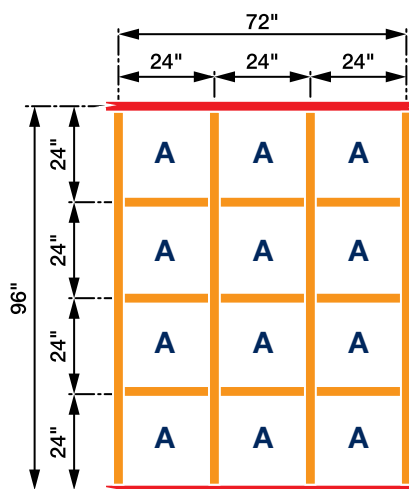
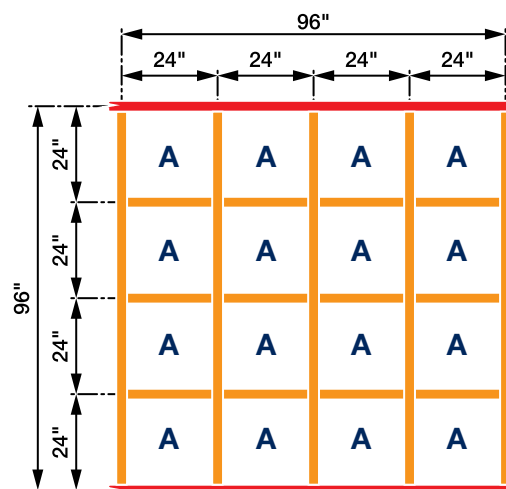
STRUCTURAL TEE

A 22-1/8" x 22-1/8"

4' x 8'



8' x 8'



Raised Access Floor Module

Combos

2' x 4' Panel

Panel Dimensions Key

A

46-1/8" x 22-7/8"

B

46-7/8" x 22-1/8"

C

46-1/8" x 23-5/8"

STRUCTURAL MAIN RUNNER

STRUCTURAL TEE

LIGHTWEIGHT PRIMARY TEE

LIGHTWEIGHT TEE

4' x 8'

6' x 8'

8' x 8'

8' x 8'

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Compos

2' x 2' Panel

EQUAL PANEL SIZES (CONT.)



STRUCTURAL MAIN RUNNER

STRUCTURAL TEE

LIGHTWEIGHT PRIMARY TEE

LIGHTWEIGHT TEE



LIGHTWEIGHT PRIMARY TEE

LIGHTWEIGHT TEE

Panel Dimensions Key

A

22-7/8" x 22-1/8"

B

23-1/8" x 22-1/8"

C

23-1/4" x 22-1/8"

4' x 4'

4' x 6'

4' x 8'

6' x 8'

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Raised Access Floor Module

Compos

2' x 2' Panel

STRUCTURAL MAIN RUNNER

STRUCTURAL TEE

LIGHTWEIGHT PRIMARY TEE

LIGHTWEIGHT TEE

Panel Dimensions Key

A

22-1/8" x 22-7/8"

B

22-1/8" x 23-5/8"

C

22-7/8" x 22-7/8"

D

23-5/8" x 22-7/8"

6' x 6'

6' x 8'

6' x 8'

The diagrams show the layout of raised access floor modules for three different sizes: 6' x 6', 6' x 8', and 6' x 8'. Each diagram is a grid of panels labeled A, B, and C. The 6' x 6' diagram is a 3x3 grid of panels A. The 6' x 8' diagrams are 3x4 grids of panels A and B. The dimensions are indicated by arrows: 72" for the width and 72" for the height. The panels are labeled A, B, and C, corresponding to the dimensions defined in the key.

8' x 8'

8' x 8'

The diagrams show the layout of raised access floor modules for two different sizes: 8' x 8' and 8' x 8'. Each diagram is a 4x4 grid of panels labeled C and D. The dimensions are indicated by arrows: 96" for the width and 96" for the height. The panels are labeled C and D, corresponding to the dimensions defined in the key.

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Raised Access Floor Module

Large Format

4' x 4' Panel

Panel Dimensions Key

A

46-1/8" x 46-1/8"

B

46-7/8" x 46-1/8"

C

46-7/8" x 46-7/8"



STRUCTURAL MAIN RUNNER



STRUCTURAL TEE



LIGHTWEIGHT PRIMARY TEE



LIGHTWEIGHT TEE

4' x 4'

4' x 8'

8' x 8'

4' x 4' panel (A) dimensions: 48" x 48".

4' x 8' panel (B) dimensions: 48" x 96".

8' x 8' panel (C) dimensions: 96" x 96".

4' x 8'

8' x 8'

4' x 8' panel (A) dimensions: 48" x 96".

8' x 8' panel (A) dimensions: 96" x 96".

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Raised Access Floor Module

Large Format

2' x 6' Panel

Panel Dimensions Key

A	70-1/8" x 22-7/8"	B	70-1/8" x 23-5/8"	C	70-1/8" x 23"	D	70-1/8" x 23-1/8"
---	-------------------	---	-------------------	---	---------------	---	-------------------

STRUCTURAL MAIN RUNNER

STRUCTURAL TEE

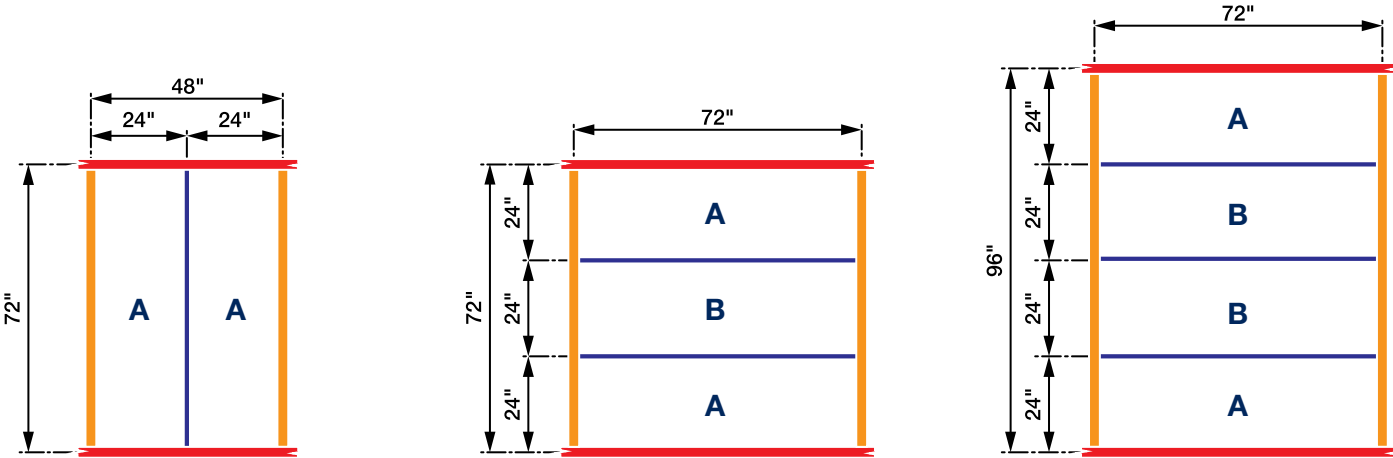
LIGHTWEIGHT PRIMARY TEE

LIGHTWEIGHT TEE

4' x 6'

6' x 6'

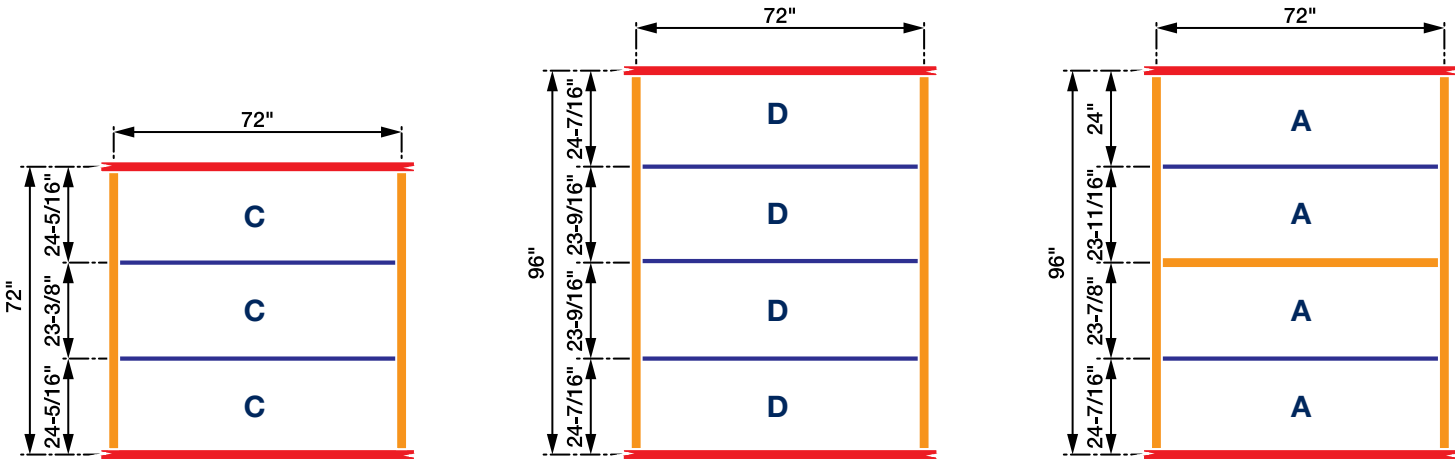
6' x 8'



6' x 6'

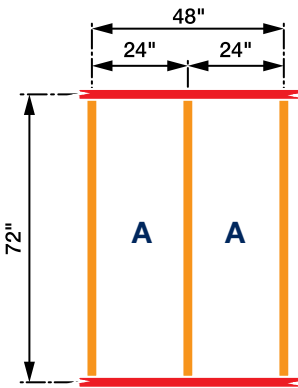
6' x 8'

6' x 8'

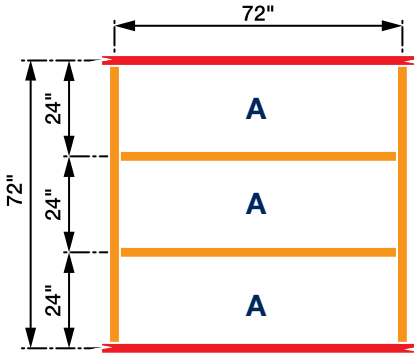


Raised Access Floor Module		
Large Format 2' x 6' Panel		STRUCTURAL MAIN RUNNER
		STRUCTURAL TEE
Panel Dimensions Key	A	22-1/8" x 70-1/8"

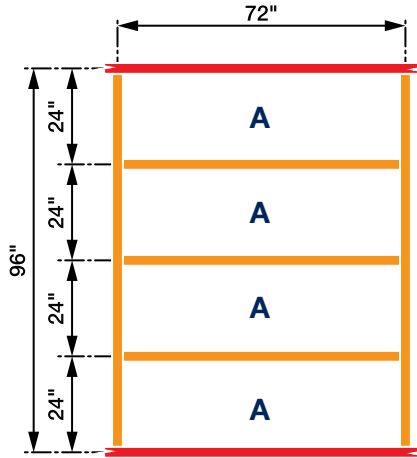
4' x 6'



6' x 6'



6' x 8'



Raised Access Floor Module

Large Format

2' x 8' Panel

STRUCTURAL MAIN RUNNER

STRUCTURAL TEE

LIGHTWEIGHT PRIMARY TEE

LIGHTWEIGHT TEE

Panel Dimensions Key

A

22-7/8" x 94-1/8"

B

23-5/8" x 94-1/8"

C

22-1/8" x 94-1/8"

D

23" x 94-1/8"

E

23-1/8" x 94-1/8"

4' x 8'

6' x 8'

8' x 8'

Diagram of a 4' x 8' panel layout. The panel is 96" high and 48" wide. It is divided into two vertical sections, each labeled 'A'. The width of each section is 24".

Diagram of a 6' x 8' panel layout. The panel is 96" high and 72" wide. It is divided into three vertical sections: 'A' (24" wide), 'B' (24" wide), and 'A' (24" wide).

Diagram of an 8' x 8' panel layout. The panel is 96" high and 96" wide. It is divided into four vertical sections: 'A' (24" wide), 'B' (24" wide), 'B' (24" wide), and 'A' (24" wide).

4' x 8'

6' x 8'

8' x 8'

Diagram of a 4' x 8' panel layout. The panel is 96" high and 48" wide. It is divided into two vertical sections, each labeled 'C'. The width of each section is 24".

Diagram of a 6' x 8' panel layout. The panel is 96" high and 72" wide. It is divided into three vertical sections, each labeled 'D'. The width of each section is 24-5/16".

Diagram of an 8' x 8' panel layout. The panel is 96" high and 96" wide. It is divided into four vertical sections, each labeled 'E'. The width of each section is 24-7/16".

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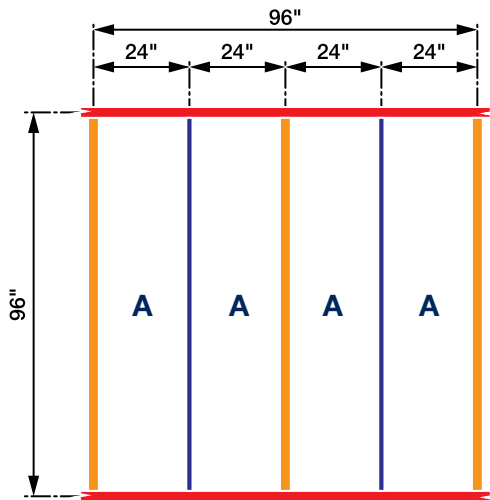
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Raised Access Floor Module			
Large Format 2' x 8' Panel		 STRUCTURAL MAIN RUNNER	 LIGHTWEIGHT PRIMARY TEE
		 STRUCTURAL TEE	 LIGHTWEIGHT TEE
Panel Dimensions Key	A	22-7/8" x 94-1/8"	

8' x 8'



Oversized Module

Light Infill
2' x 4' Panel



STRUCTURAL MAIN RUNNER

STRUCTURAL TEE



LIGHTWEIGHT PRIMARY TEE

LIGHTWEIGHT TEE

Panel Dimensions Key

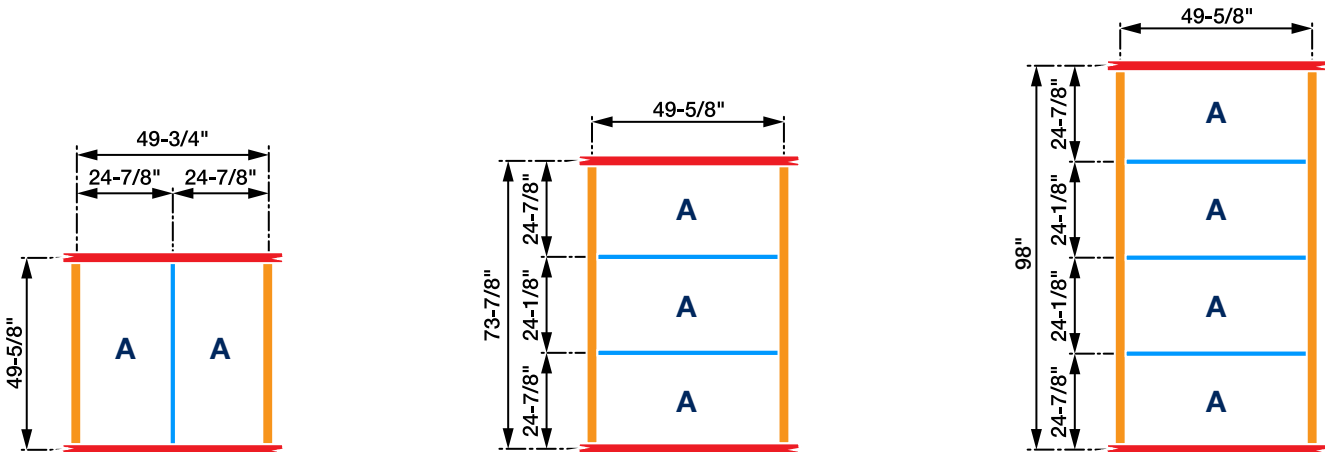
A

47-3/4" x 23-3/4"

4' x 4'

4' x 6'

4' x 8'

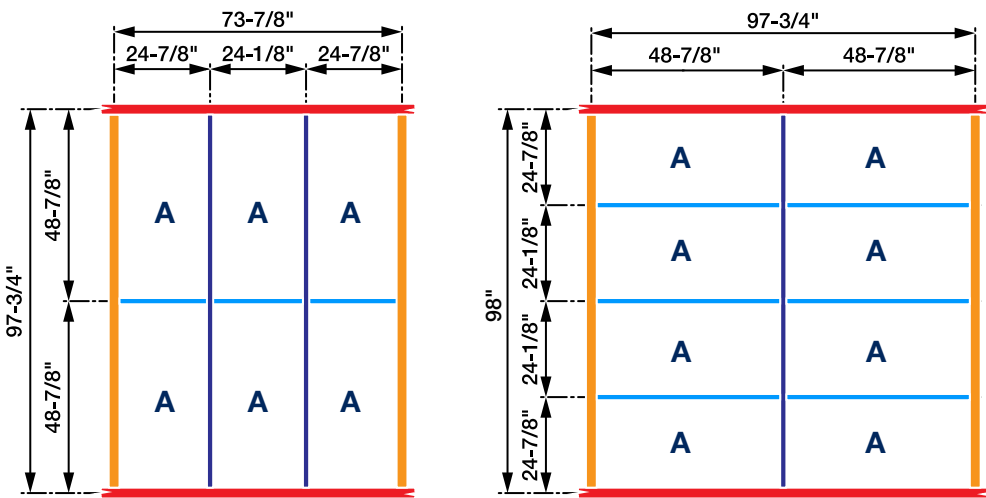


Diagrams illustrating the layout and dimensions for 4' x 4', 4' x 6', and 4' x 8' panels. Each panel is composed of multiple 'A' modules (47-3/4" x 23-3/4").

- 4' x 4' Panel:** Dimensions are 49-5/8" wide and 49-3/4" high. It consists of two 'A' modules side-by-side.
- 4' x 6' Panel:** Dimensions are 49-5/8" wide and 73-7/8" high. It consists of three 'A' modules stacked vertically.
- 4' x 8' Panel:** Dimensions are 49-5/8" wide and 98" high. It consists of four 'A' modules stacked vertically.

6' x 8'

8' x 8'



Diagrams illustrating the layout and dimensions for 6' x 8' and 8' x 8' panels. Each panel is composed of multiple 'A' modules (47-3/4" x 23-3/4").

- 6' x 8' Panel:** Dimensions are 97-3/4" wide and 97-3/4" high. It consists of six 'A' modules arranged in a 2x3 grid.
- 8' x 8' Panel:** Dimensions are 97-3/4" wide and 98" high. It consists of eight 'A' modules arranged in a 2x4 grid.

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Oversized Module

Light Infill

2' x 2' Panel



 STRUCTURAL MAIN RUNNER

 STRUCTURAL TEE

 LIGHTWEIGHT PRIMARY TEE

 LIGHTWEIGHT TEE



Panel Dimensions Key

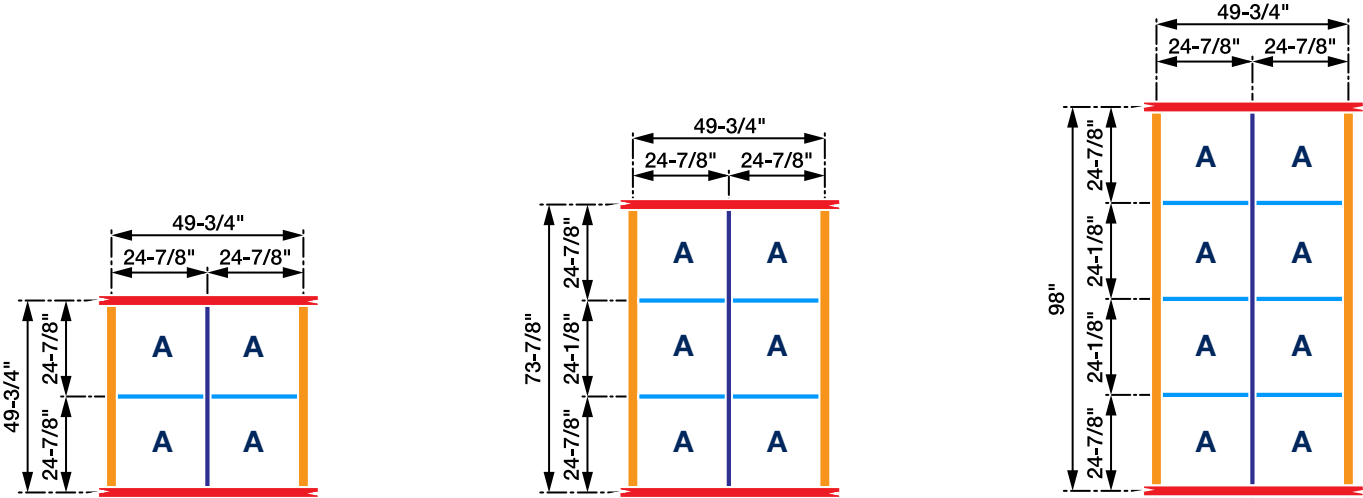
A

23-3/4" x 23-3/4"

4' x 4'

4' x 6'

4' x 8'



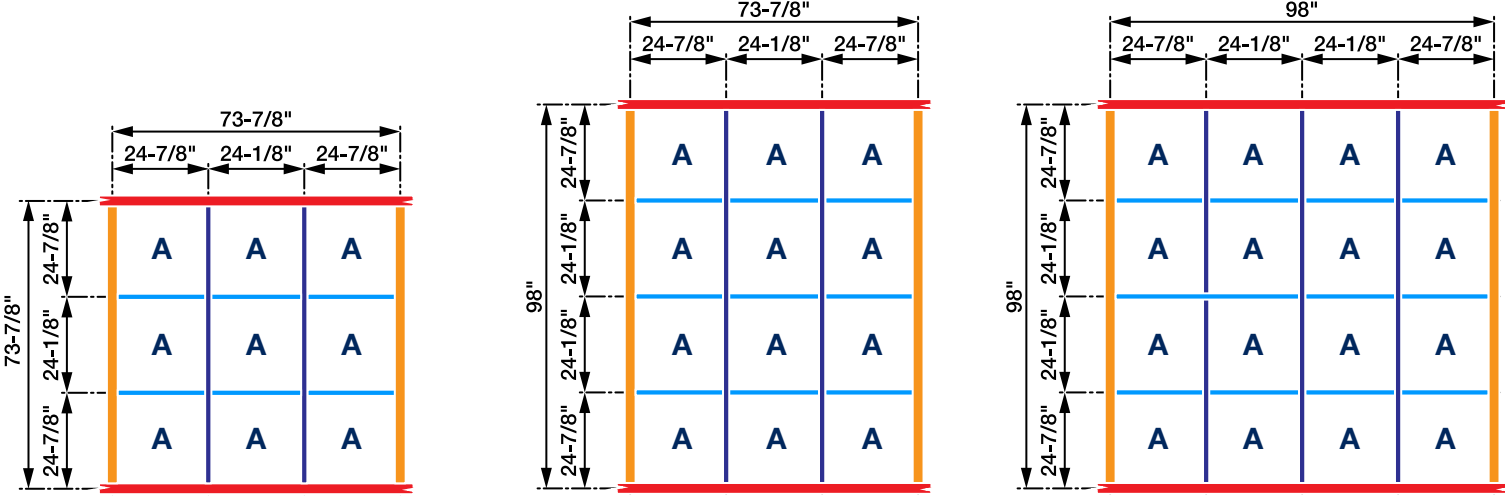
Diagrams illustrating the layout and dimensions for 4' x 4', 4' x 6', and 4' x 8' panels. Each panel is composed of four 'A' modules (23-3/4" x 23-3/4").

- 4' x 4':** Dimensions are 49-3/4" wide and 49-3/4" high. Individual module dimensions are 24-7/8" x 24-7/8".
- 4' x 6':** Dimensions are 49-3/4" wide and 73-7/8" high. Individual module dimensions are 24-7/8" x 24-7/8".
- 4' x 8':** Dimensions are 49-3/4" wide and 98" high. Individual module dimensions are 24-7/8" x 24-7/8".

6' x 6'

6' x 8'

8' x 8'



Diagrams illustrating the layout and dimensions for 6' x 6', 6' x 8', and 8' x 8' panels. Each panel is composed of nine 'A' modules (23-3/4" x 23-3/4").

- 6' x 6':** Dimensions are 73-7/8" wide and 73-7/8" high. Individual module dimensions are 24-7/8" x 24-7/8".
- 6' x 8':** Dimensions are 73-7/8" wide and 98" high. Individual module dimensions are 24-7/8" x 24-7/8".
- 8' x 8':** Dimensions are 98" wide and 98" high. Individual module dimensions are 24-7/8" x 24-7/8".

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Oversized Module

All Structural
2' x 4' Panel

 **STRUCTURAL MAIN RUNNER**

 **STRUCTURAL TEE**

Panel Dimensions Key

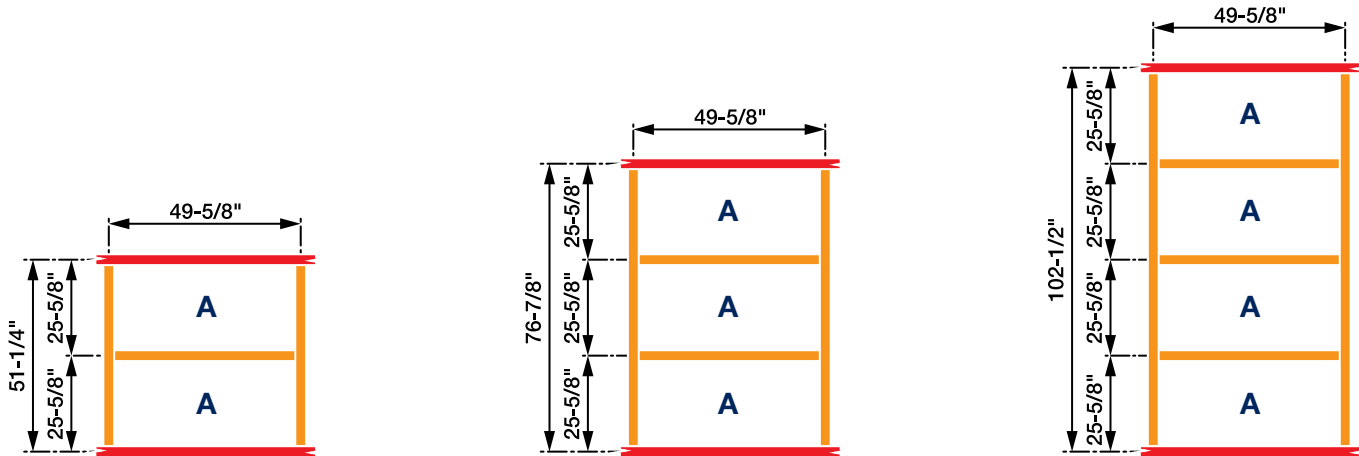
A

47-3/4" x 23-3/4"

4' x 4'

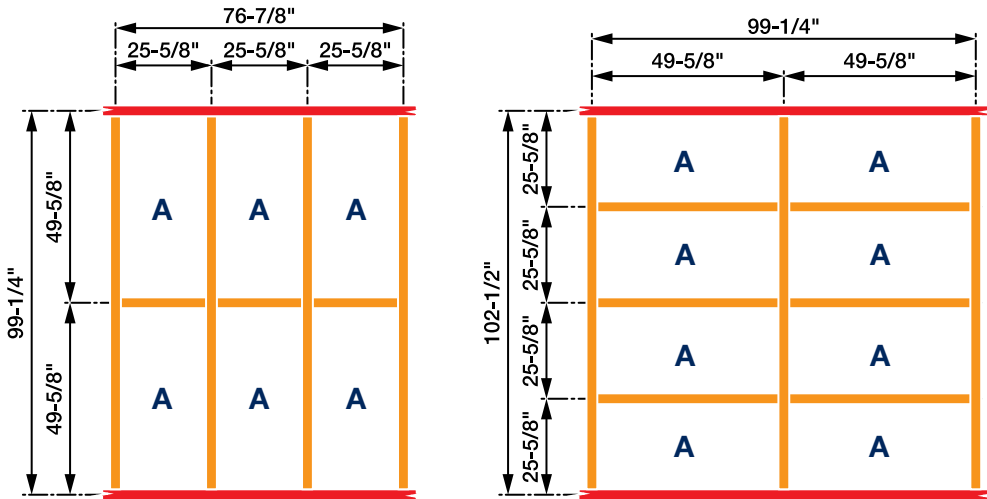
4' x 6'

4' x 8'



6' x 8'

8' x 8'



Oversized Module

All Structural
2' x 2' Panel



STRUCTURAL MAIN RUNNER

STRUCTURAL TEE

Panel Dimensions Key

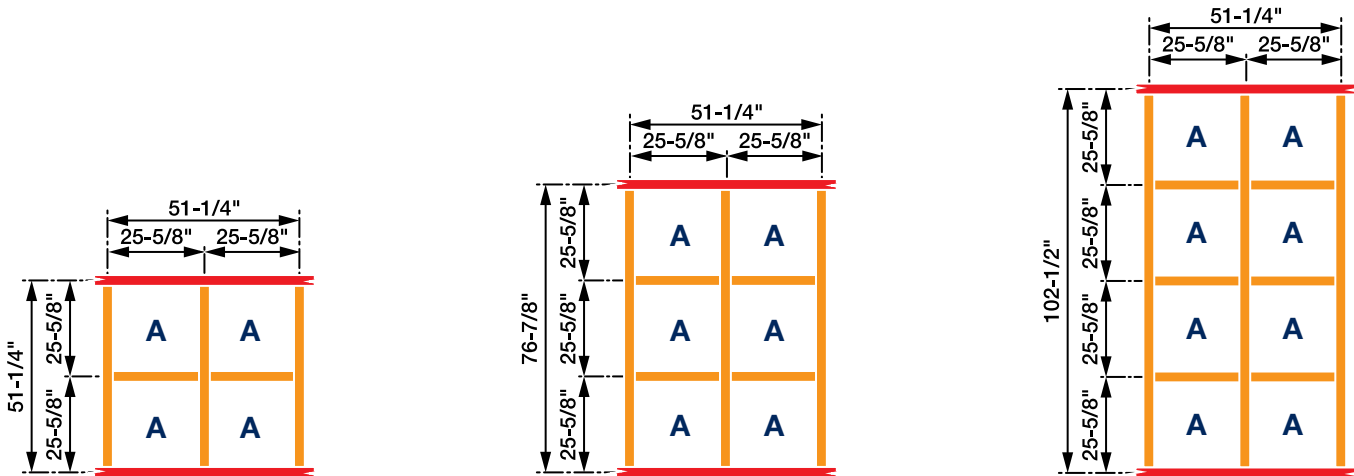
A

23-3/4" x 23-3/4"

4' x 4'

4' x 6'

4' x 8'



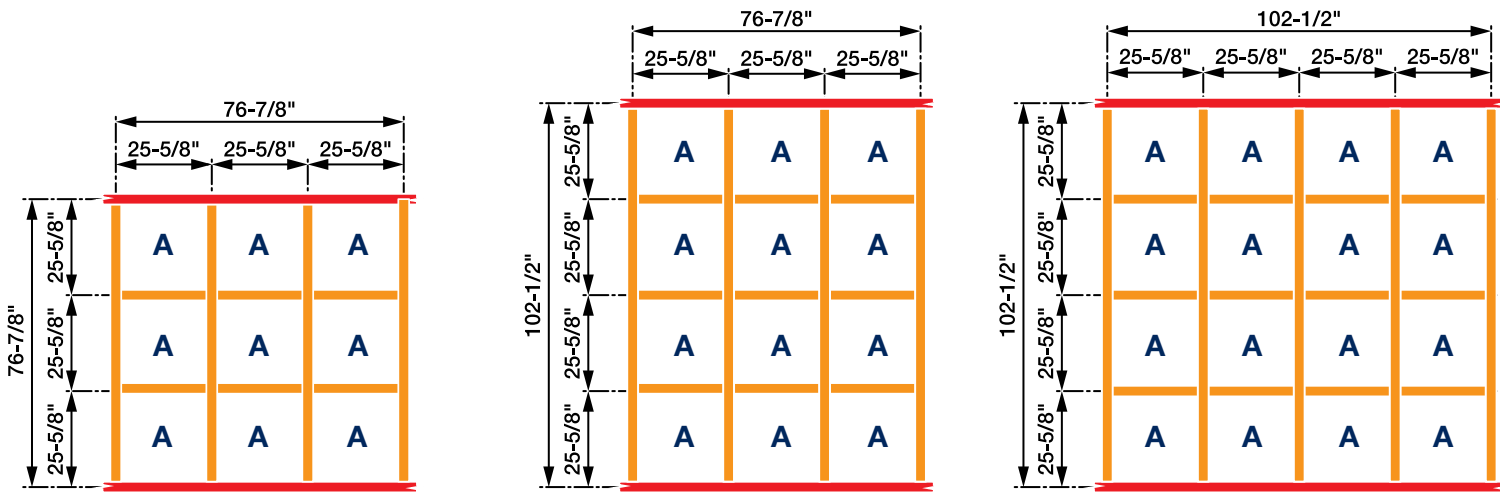
Diagrams showing the layout and dimensions for 4' x 4', 4' x 6', and 4' x 8' panel configurations. Each diagram shows a grid of 'A' panels (23-3/4" x 23-3/4") separated by structural main runners (red lines) and structural tees (orange lines). Dimensions are provided for the overall width and height, as well as the spacing between panels and runners.

- 4' x 4':** Overall width 51-1/4", overall height 51-1/4". Spacing between panels is 25-5/8".
- 4' x 6':** Overall width 51-1/4", overall height 76-7/8". Spacing between panels is 25-5/8".
- 4' x 8':** Overall width 51-1/4", overall height 102-1/2". Spacing between panels is 25-5/8".

6' x 6'

6' x 8'

8' x 8'



Diagrams showing the layout and dimensions for 6' x 6', 6' x 8', and 8' x 8' panel configurations. Each diagram shows a grid of 'A' panels (23-3/4" x 23-3/4") separated by structural main runners (red lines) and structural tees (orange lines). Dimensions are provided for the overall width and height, as well as the spacing between panels and runners.

- 6' x 6':** Overall width 76-7/8", overall height 76-7/8". Spacing between panels is 25-5/8".
- 6' x 8':** Overall width 76-7/8", overall height 102-1/2". Spacing between panels is 25-5/8".
- 8' x 8':** Overall width 102-1/2", overall height 102-1/2". Spacing between panels is 25-5/8".

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Oversized Module

Combos

2' x 4' Panel

STRUCTURAL MAIN RUNNER

STRUCTURAL TEE

LIGHTWEIGHT PRIMARY TEE

LIGHTWEIGHT TEE

Panel Dimensions Key

A47-3/4" x 23-3/4"

4' x 8'

6' x 8'

8 x 8'

Diagrams showing the layout of panels for 4' x 8', 6' x 8', and 8 x 8' configurations. Each diagram shows a grid of panels (A) with dimensions and structural components (main runner, tee, primary tee).

- 4' x 8':** Dimensions: 51-1/4" (width), 97-3/4" (height). Panel width: 25-5/8". Panel height: 48-7/8".
- 6' x 8':** Dimensions: 76-7/8" (width), 97-3/4" (height). Panel width: 25-5/8". Panel height: 48-7/8".
- 8 x 8':** Dimensions: 102-1/2" (width), 97-3/4" (height). Panel width: 25-5/8". Panel height: 48-7/8".

8' x 8'

8' x 8'

Diagrams showing the layout of panels for 8' x 8' configurations. Each diagram shows a grid of panels (A) with dimensions and structural components (main runner, tee, primary tee).

- 8' x 8' (left):** Dimensions: 99-1/4" (width), 98" (height). Panel width: 49-5/8". Panel height: 24-7/8".
- 8' x 8' (right):** Dimensions: 99-1/4" (width), 99-1/2" (height). Panel width: 49-5/8". Panel height: 24-7/8".

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Oversized Module

Combos
2' x 2' Panel

Panel Dimensions Key



STRUCTURAL MAIN RUNNER



STRUCTURAL TEE



LIGHTWEIGHT PRIMARY TEE



LIGHTWEIGHT TEE

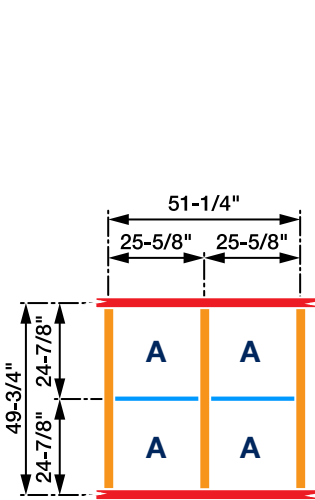
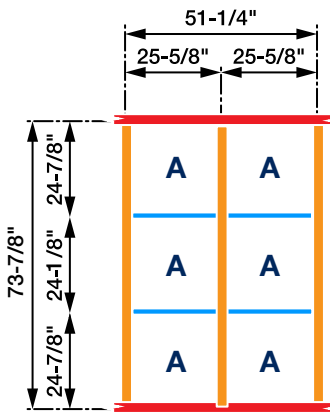
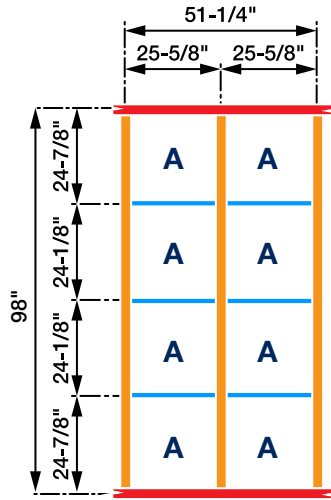
A

23-3/4" x 23-3/4"

4' x 4'

4' x 6'

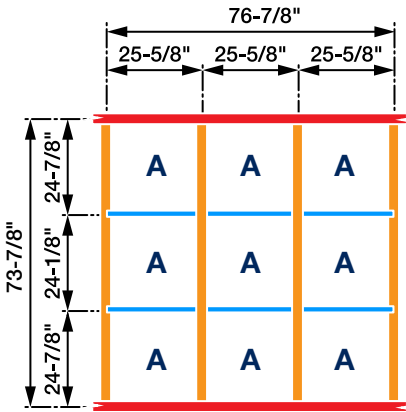
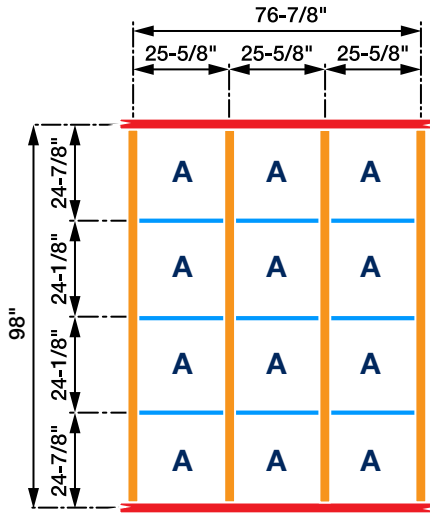
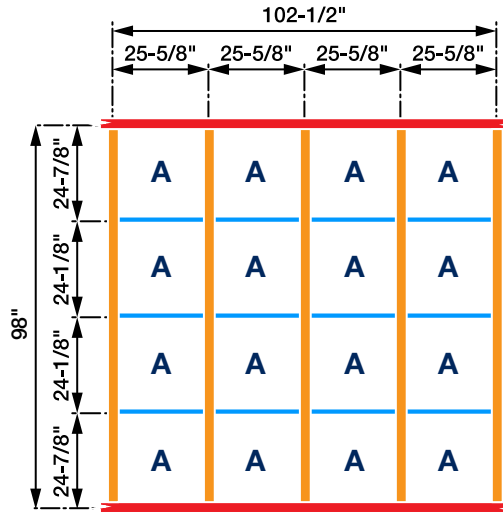
4' x 8'



6' x 6'

6' x 8'

8' x 8'



Oversized Module

Combos
2' x 2' Panel

Panel Dimensions Key



STRUCTURAL MAIN RUNNER



STRUCTURAL TEE



LIGHTWEIGHT PRIMARY TEE



LIGHTWEIGHT TEE

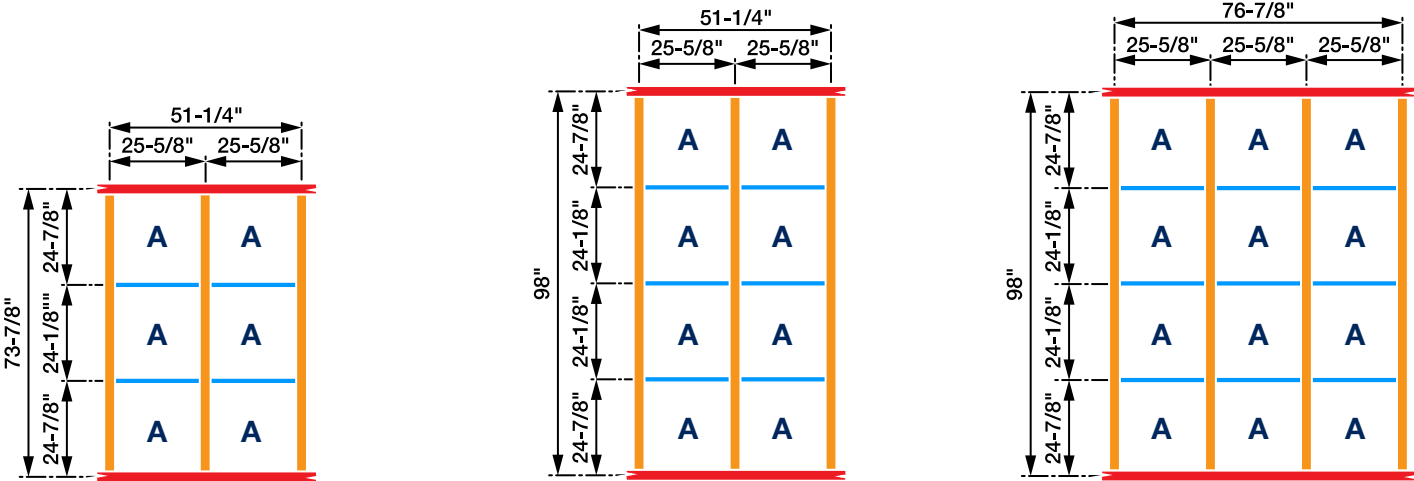
A

23-3/4" x 23-3/4"

4' x 6'

4' x 8'

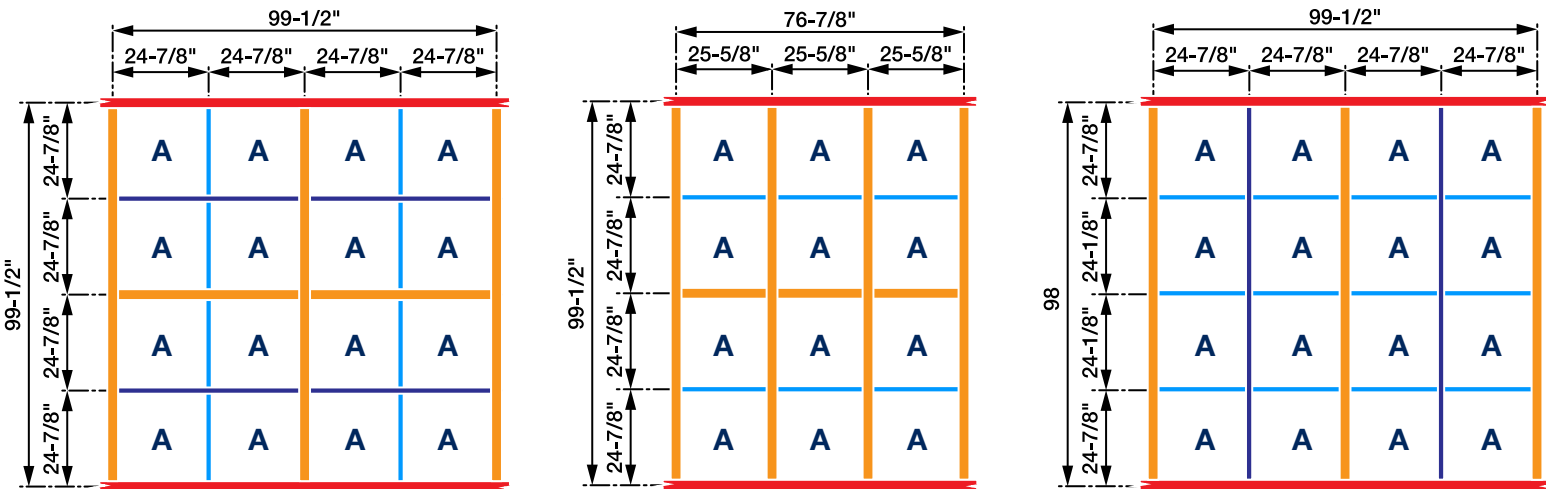
6' x 8'



8' x 8'

6' x 8'

8' x 8'



Oversized Module

Large Format
4' x 4' Panel



STRUCTURAL MAIN RUNNER

STRUCTURAL TEE

LIGHTWEIGHT PRIMARY TEE

LIGHTWEIGHT TEE

Panel Dimensions Key

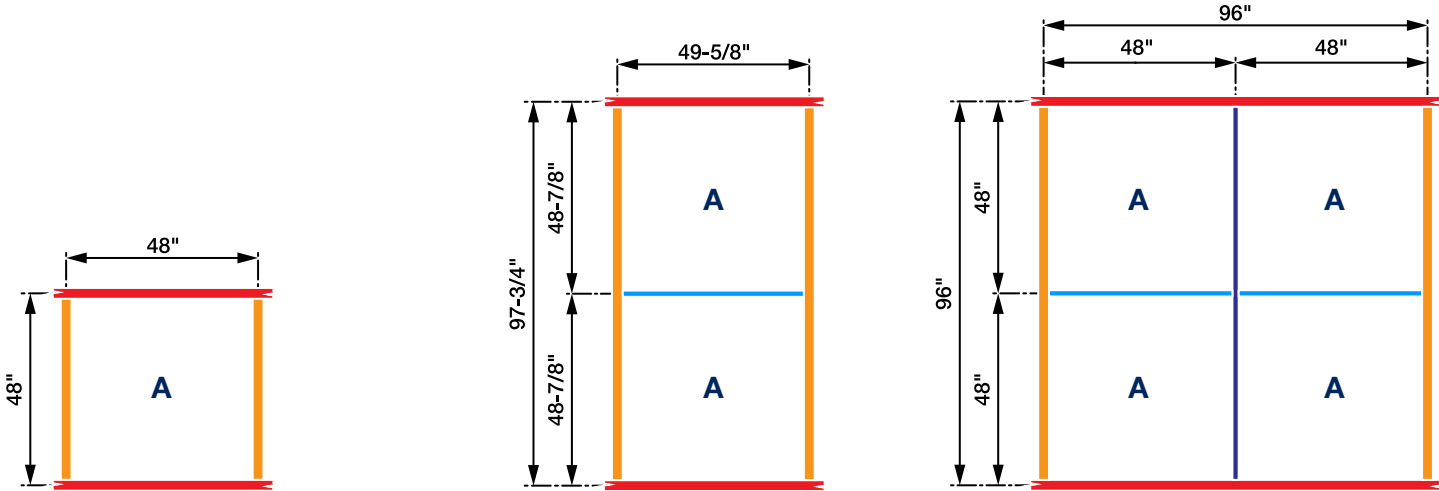
A

47-3/4" x 47-3/4"

4' x 4'

4' x 8'

8' x 8'

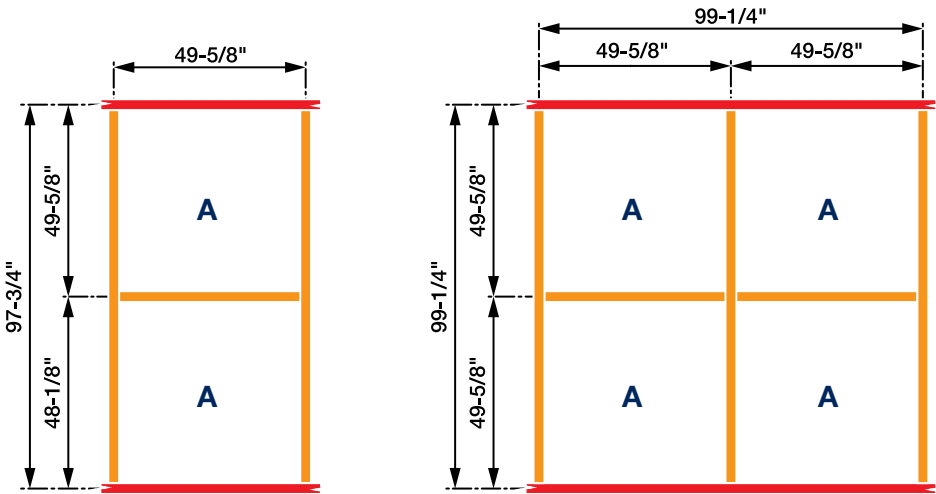


The figure shows three diagrams of panel configurations:

- 4' x 4' Panel:** A single square panel labeled 'A'. Dimensions are 48" wide and 48" high.
- 4' x 8' Panel:** Two square panels labeled 'A' stacked vertically. The total height is 97-3/4" (48-7/8" + 48-7/8"). The width is 49-5/8".
- 8' x 8' Panel:** Four square panels labeled 'A' in a 2x2 grid. The total width is 96" (48" + 48") and the total height is 96" (48" + 48").

4' x 8'

8' x 8'



The figure shows two diagrams of panel configurations:

- 4' x 8' Panel:** Two square panels labeled 'A' stacked vertically. The total height is 97-3/4" (49-5/8" + 48-1/8"). The width is 49-5/8".
- 8' x 8' Panel:** Four square panels labeled 'A' in a 2x2 grid. The total width is 99-1/4" (49-5/8" + 49-5/8") and the total height is 99-1/4" (49-5/8" + 49-5/8").

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Oversized Module

Large Format
2' x 6' Panel

 STRUCTURAL MAIN RUNNER

 STRUCTURAL TEE

 LIGHTWEIGHT PRIMARY TEE

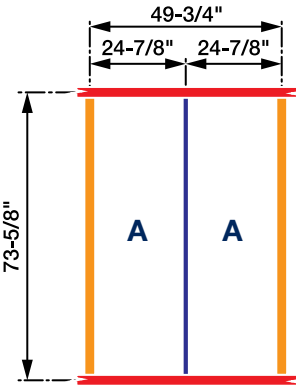
 LIGHTWEIGHT TEE

Panel Dimensions Key

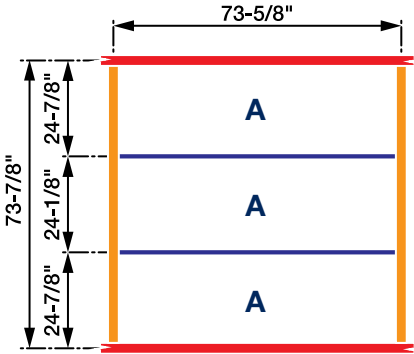
A

71-3/4" x 23-3/4"

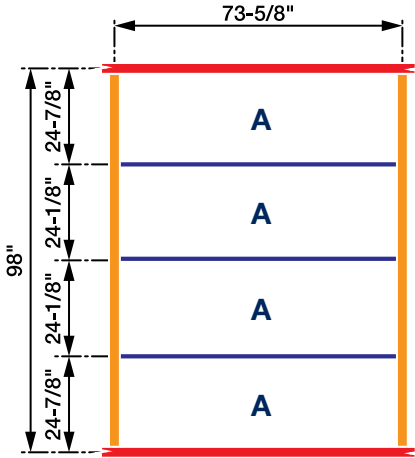
4' x 6'



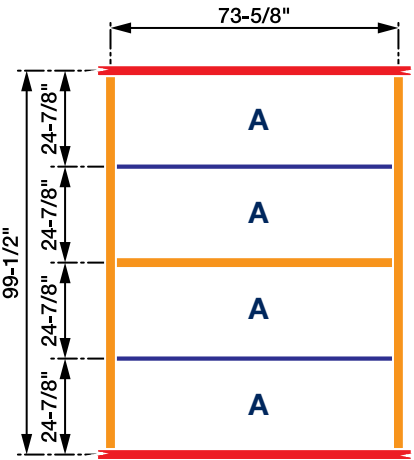
6' x 6'



6' x 8'



6' x 8'

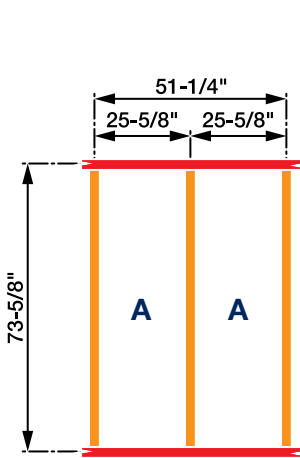
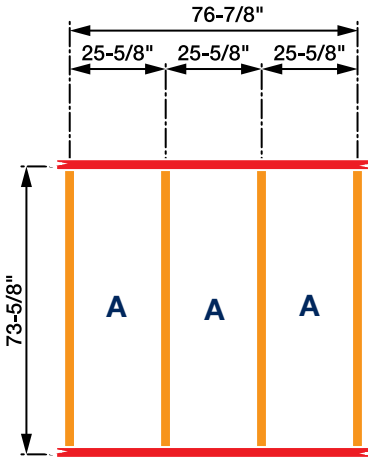
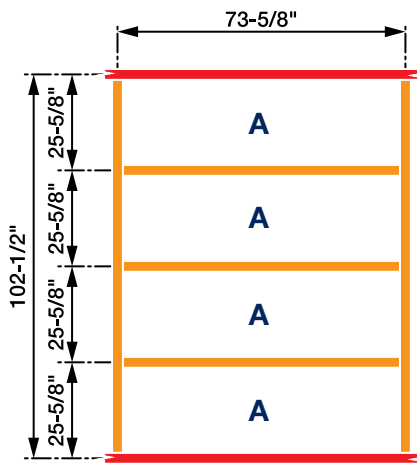


Oversized Module		
Large Format 2' x 6' Panel		STRUCTURAL MAIN RUNNER
		STRUCTURAL TEE
Panel Dimensions Key	A	71-3/4" x 23-3/4"

4' x 6'

6' x 6'

6' x 8'



Oversized Module

Large Format
2' x 8' Panel

 STRUCTURAL MAIN RUNNER

 STRUCTURAL TEE

 LIGHTWEIGHT PRIMARY TEE

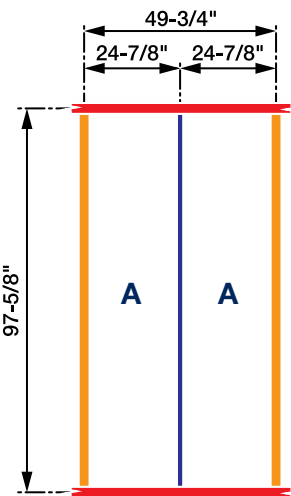
 LIGHTWEIGHT TEE

Panel Dimensions Key

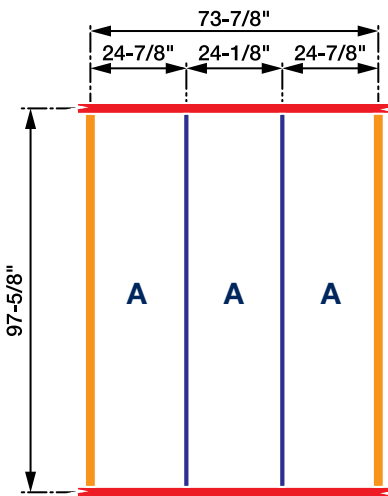
A

95-3/4" x 23-3/4"

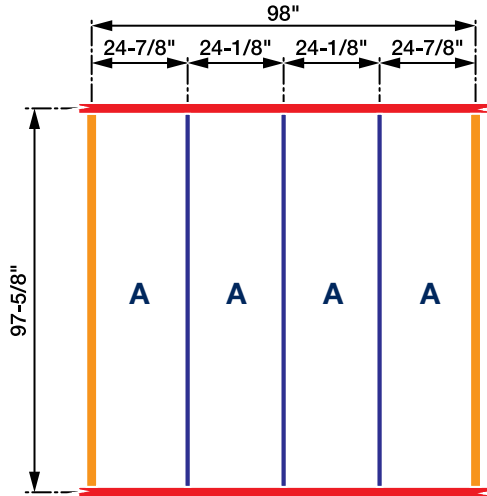
4' x 8'



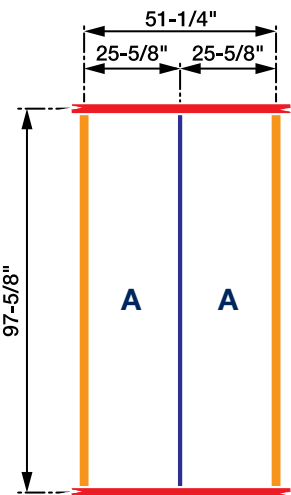
6' x 8'



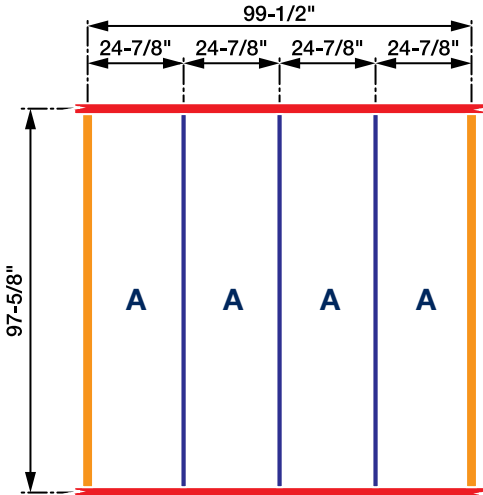
8' x 8'



4' x 8'



6' x 8'



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