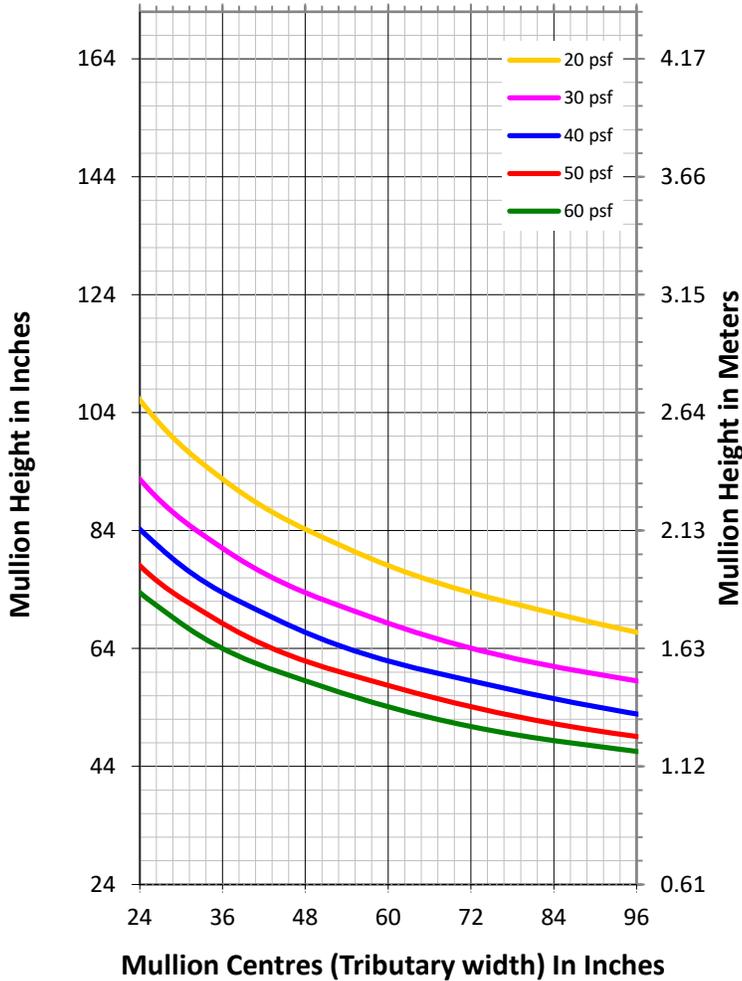


SPAN CHART

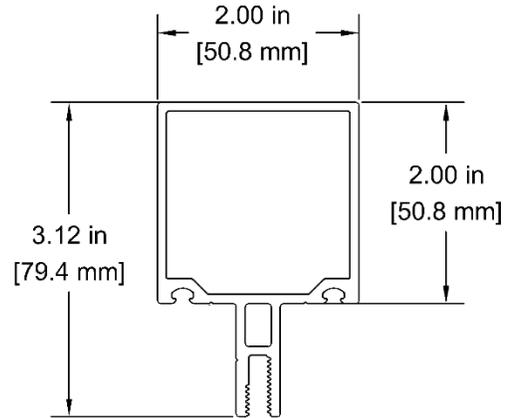
**SPAN CHART IS FOR ESTIMATION ONLY.
DO NOT UTILIZE FOR DETAILED DESIGN.
CHART IS BASED ON DEFLECTION ANALYSIS
ONLY**

Mullion Centres (Tributary width) In Meters

0.6 0.9 1.2 1.5 1.8 2.1 2.4



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{xx}	$I_{xx} = 0.91 \text{ in}^4$
Section Modulus, S_{xx}	$S_{xx} = 0.54 \text{ in}^3$
Total Area	$A = 0.99 \text{ in}^2$

Modulus of Elasticity

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: $L/175$ up to 13.5ft, $L/240 + 0.25"$ over 13.5ft
2. Assume horizontal members provide lateral support
3. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent
4. CANADIAN PROJECTS: Use SLS wind loads or modify the specified wind load by 0.75 before utilizing this chart. i.e. if project specifications require $p_{net} = 40 \text{ psf}$, utilize 30 psf on this chart ($0.75 \times 40 = 30$). (Based on NBCC 2020).

CLIENT:



Head Office:
19045 - 24th Avenue
Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2400 Series Curtain Wall

DRAWING TITLE:

WIND LOAD CHART FOR 2.0" MULLION

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



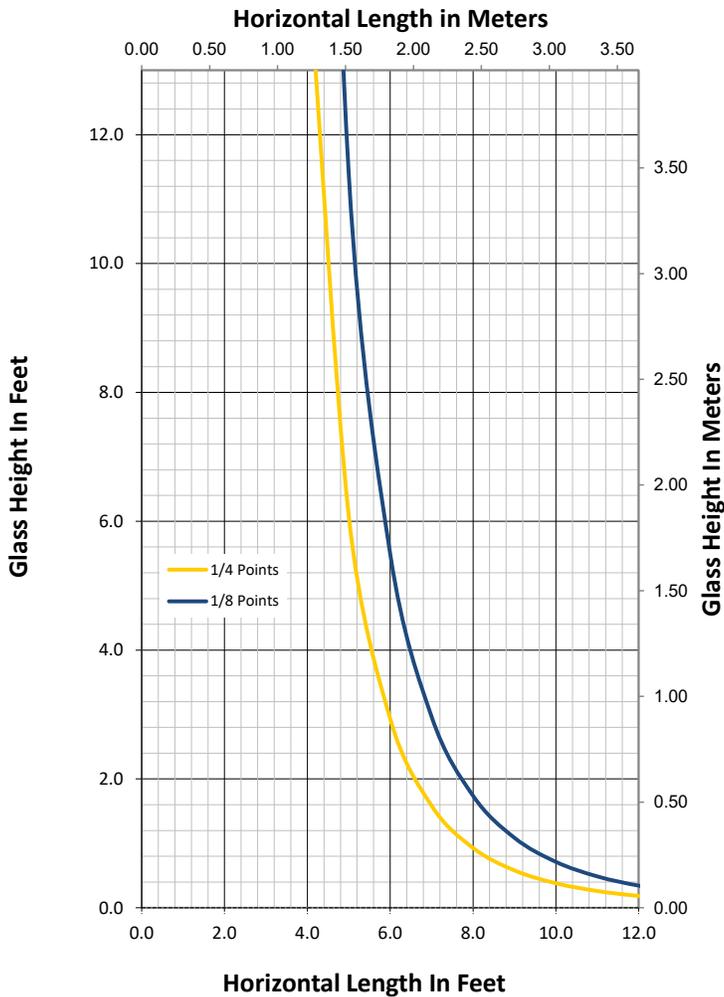
Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

DWG. NO:

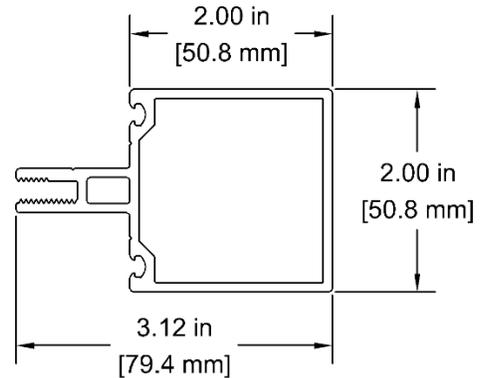
2402

SPAN CHART

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ONLY**



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{yy}	$I_{yy} = 0.45 \text{ in}^4$
Section Modulus, S_{yy}	$S_{yy} = 0.45 \text{ in}^3$
Total Area	$A = 0.99 \text{ in}^2$

Modulus of Elasticity

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: 0.125" (3.2mm).
2. Charts are calculated assuming a 1" overall sealed unit (6mm/13mm spacer/6mm)
3. Calculations are based on the position of the setting blocks being placed at 1/4 or 1/8 points.

CLIENT:



Head Office:
19045 - 24th Avenue
Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2400 Series Curtain Wall

DRAWING TITLE:

DEAD LOAD CHART FOR 2.0" MULLION

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

DWG. NO:

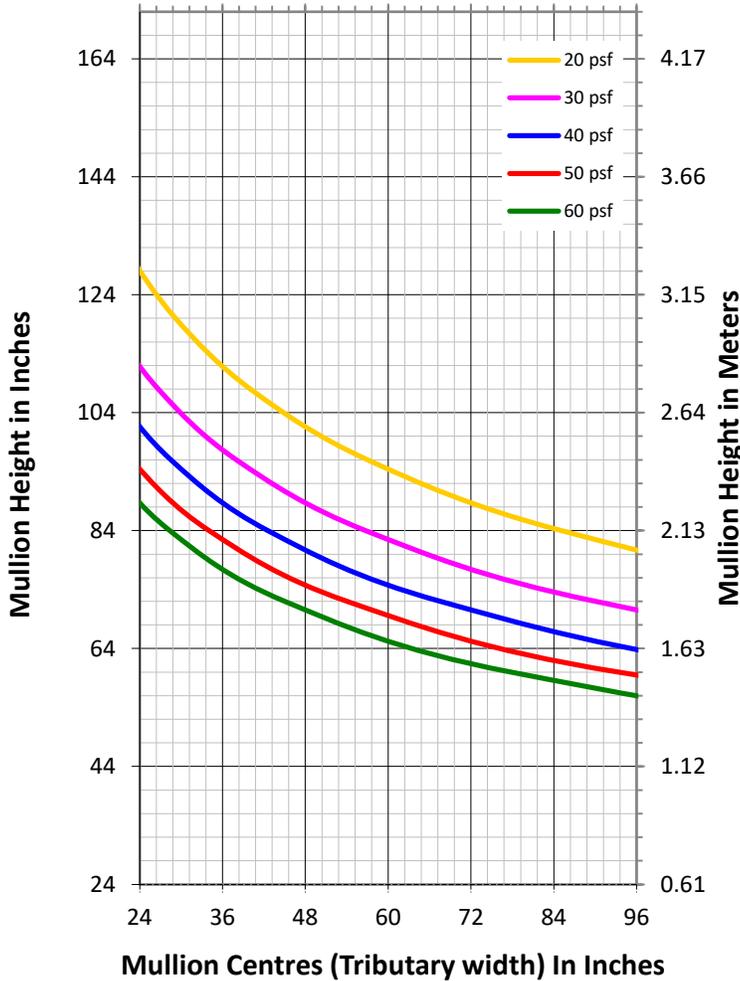
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SPAN CHART

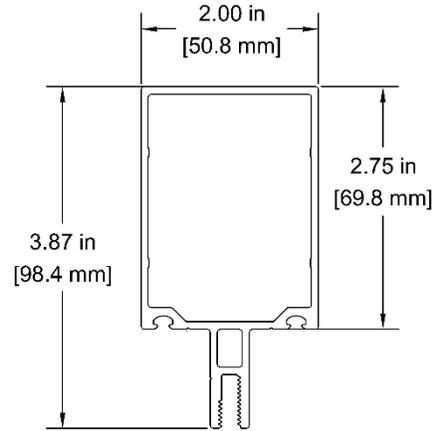
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ONLY**

Mullion Centres (Tributary width) In Meters

0.6 0.9 1.2 1.5 1.8 2.1 2.4



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{xx} | $I_{xx} = 1.60 \text{ in}^4$

Section Modulus, S_{xx} | $S_{xx} = 0.81 \text{ in}^3$

Total Area | $A = 1.06 \text{ in}^2$

Modulus of Elasticity

Aluminum | 10,000,000 PSI

Steel | 29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: $L/175$ up to 13.5ft, $L/240 + 0.25"$ over 13.5ft
2. Assume horizontal members provide lateral support
3. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent
4. CANADIAN PROJECTS: Use SLS wind loads or modify the specified wind load by 0.75 before utilizing this chart. i.e. if project specifications require $p_{net} = 40 \text{ psf}$, utilize 30 psf on this chart ($0.75 \times 40 = 30$). (Based on NBCC 2020).

CLIENT:



Head Office:
19045 - 24th Avenue
Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2400 Series Curtain Wall

DRAWING TITLE:

WIND LOAD CHART FOR 2-3/4" MULLION

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



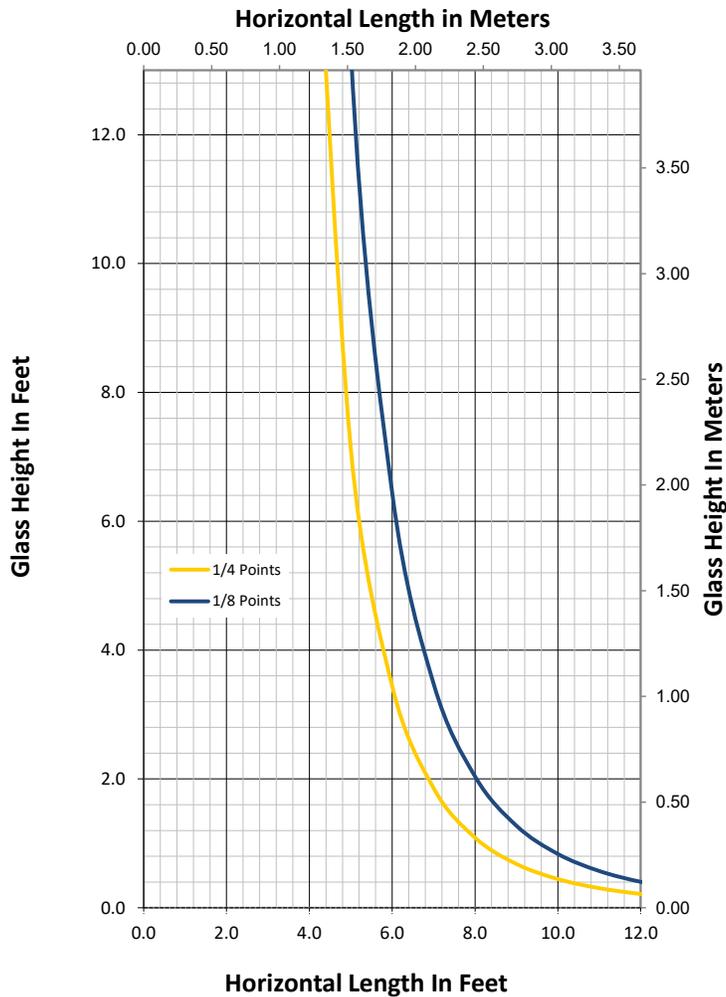
Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

DWG. NO:

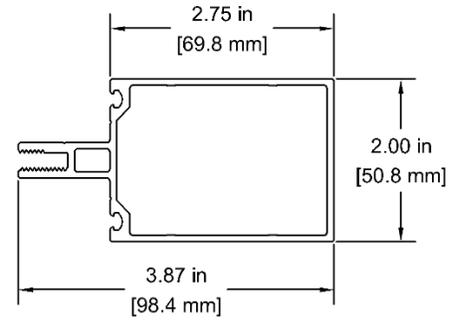
2427

SPAN CHART

**SPAN CHART IS FOR ESTIMATION ONLY.
DO NOT UTILIZE FOR DETAILED DESIGN.
CHART IS BASED ON DEFLECTION ANALYSIS
ONLY**



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{yy}	$I_{yy} = 0.53 \text{ in}^4$
Section Modulus, S_{yy}	$S_{yy} = 0.53 \text{ in}^3$
Total Area	$A = 1.06 \text{ in}^2$

Modulus of Elasticity

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: 0.125" (3.2mm).
2. Charts are calculated assuming a 1" overall sealed unit (6mm/13mm spacer/6mm)
3. Calculations are based on the position of the setting blocks being placed at 1/4 or 1/8 points.

CLIENT:



Head Office:
19045 - 24th Avenue
Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2400 Series Curtain Wall

DRAWING TITLE:

DEAD LOAD CHART FOR 2-3/4" MULLION

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

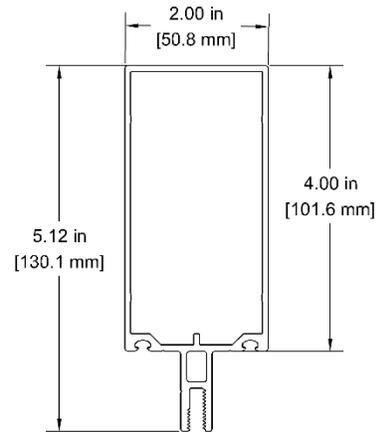
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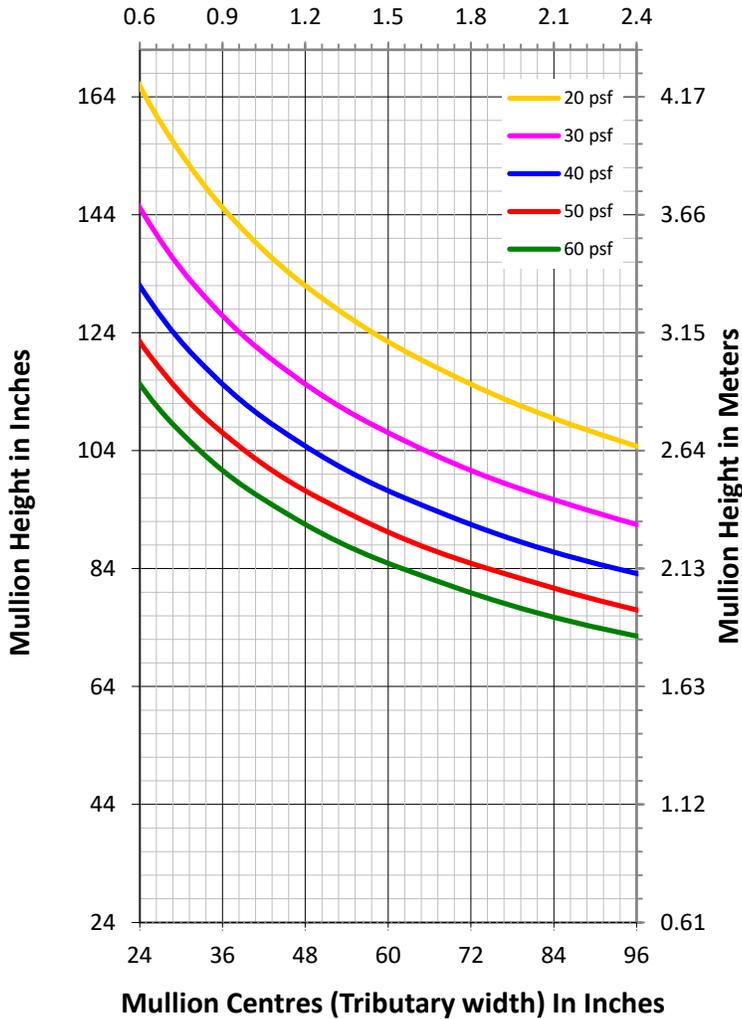
SPAN CHART

MULLION SECTION

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CHART IS BASED ON DEFLECTION ANALYSIS
ONLY**



Mullion Centres (Tributary width) In Meters



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{xx}	$I_{xx} = 3.49 \text{ in}^4$
Section Modulus, S_{xx}	$S_{xx} = 1.35 \text{ in}^3$
Total Area	$A = 1.27 \text{ in}^2$

Modulus of Elasticity

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: $L/175$ up to 13.5ft, $L/240 + 0.25"$ over 13.5ft
2. Assume horizontal members provide lateral support
3. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent
4. CANADIAN PROJECTS: Use SLS wind loads or modify the specified wind load by 0.75 before utilizing this chart. i.e. if project specifications require $p_{net} = 40 \text{ psf}$, utilize 30 psf on this chart ($0.75 \times 40 = 30$). (Based on NBCC 2020).

CLIENT:



Head Office:
19045 - 24th Avenue
Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2400 Series Curtain Wall

DRAWING TITLE:

WIND LOAD CHART FOR 4.0" MULLION

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

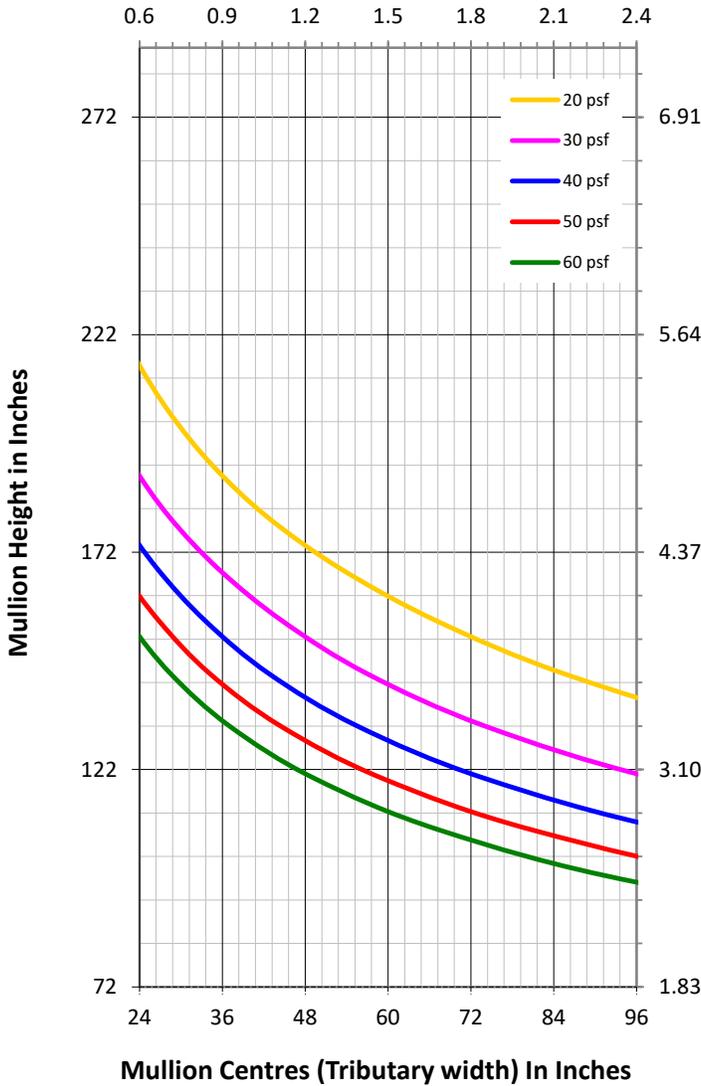
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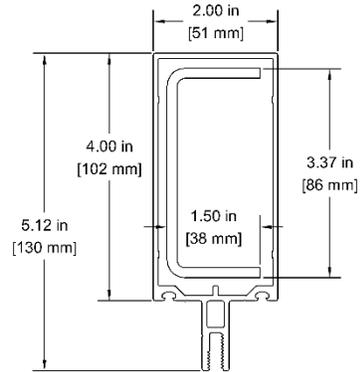
SPAN CHART

**SPAN CHART IS FOR ESTIMATION ONLY.
DO NOT UTILIZE FOR DETAILED DESIGN.
CHART IS BASED ON DEFLECTION ANALYSIS
ONLY**

Mullion Centres (Tributary width) In Meters



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{xx}	$I_{xx} = 8.08 \text{ in}^4$
Section Modulus, S_{xx}	$S_{xx} = 2.84 \text{ in}^3$
Total Area	$A = 1.26 \text{ in}^2$

Modulus of Elasticity

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: $L/175$ up to 13.5ft, $L/240 + 0.25"$ over 13.5ft
2. Assume horizontal members provide lateral support
3. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent
4. CANADIAN PROJECTS: Use SLS wind loads or modify the specified wind load by 0.75 before utilizing this chart. i.e. if project specifications require $p_{net} = 40 \text{ psf}$, utilize 30 psf on this chart ($0.75 \times 40 = 30$). (Based on NBCC 2020).

CLIENT:



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19045 - 24th Avenue
Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2400 SERIES CURTAIN WALL

DRAWING TITLE:

**WIND LOAD CHART FOR REINFORCED 2404
MULLION**

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

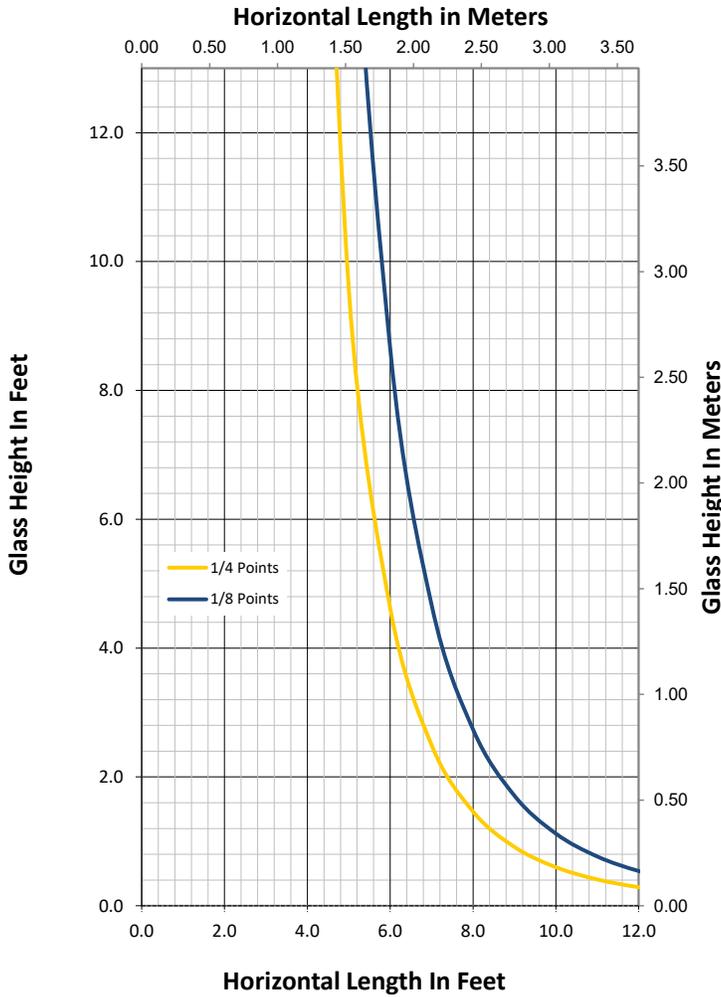
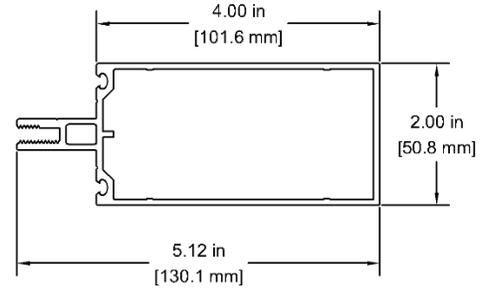
DWG. NO:

2404-R

SPAN CHART

MULLION SECTION

**SPAN CHART IS FOR ESTIMATION ONLY.
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CHART IS BASED ON DEFLECTION ANALYSIS
ONLY**



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{yy}	$I_{yy} = 0.71 \text{ in}^4$
Section Modulus, S_{yy}	$S_{yy} = 0.71 \text{ in}^3$
Total Area	$A = 1.27 \text{ in}^2$

Modulus of Elasticity

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: 0.125" (3.2mm).
2. Charts are calculated assuming a 1" overall sealed unit (6mm/13mm spacer/6mm)
3. Calculations are based on the position of the setting blocks being placed at 1/4 or 1/8 points.

CLIENT:



Head Office:
19045 - 24th Avenue
Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2400 Series Curtain Wall

DRAWING TITLE:

DEAD LOAD CHART FOR 4.0" MULLION

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

DWG. NO:

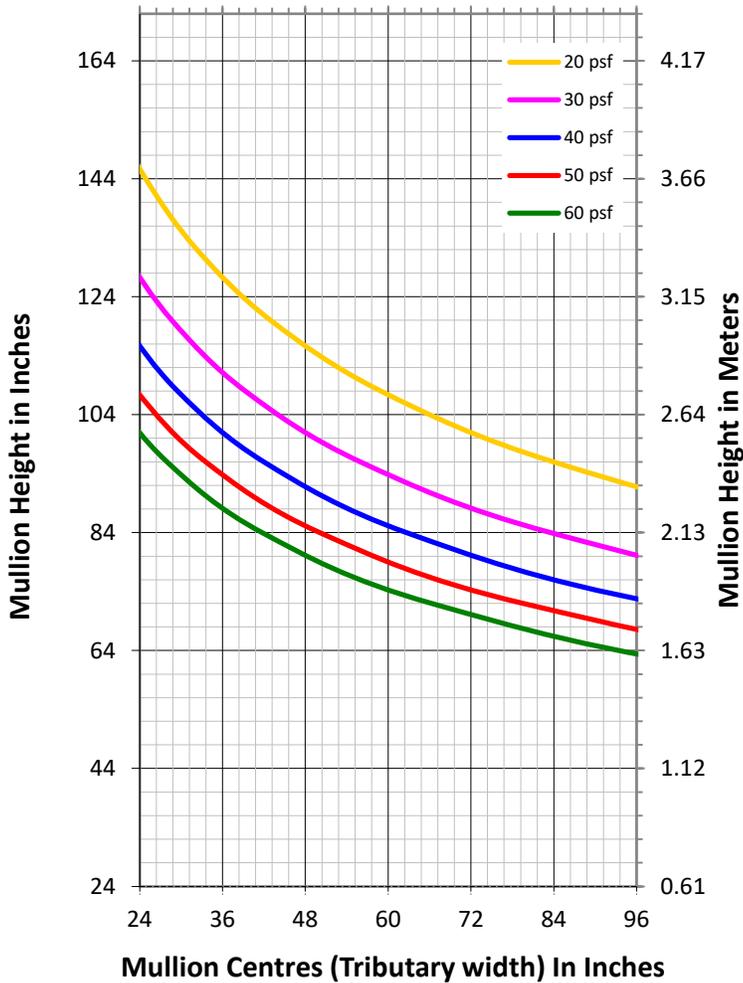
2404

SPAN CHART

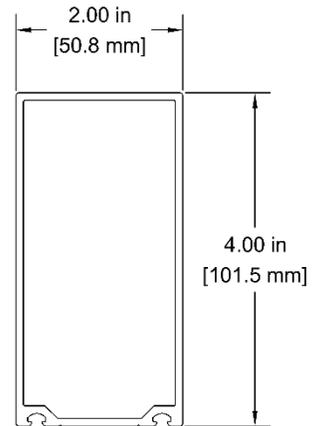
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ONLY**

Mullion Centres (Tributary width) In Meters

0.6 0.9 1.2 1.5 1.8 2.1 2.4



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{xx} | $I_{xx} = 2.35 \text{ in}^4$

Section Modulus, S_{xx} | $S_{xx} = 1.13 \text{ in}^3$

Total Area | $A = 1.10 \text{ in}^2$

Modulus of Elasticity

Aluminum | 10,000,000 PSI

Steel | 29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: $L/175$ up to 13.5ft, $L/240 + 0.25"$ over 13.5ft
2. Assume horizontal members provide lateral support
3. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent
4. CANADIAN PROJECTS: Use SLS wind loads or modify the specified wind load by 0.75 before utilizing this chart. i.e. if project specifications require $p_{net} = 40 \text{ psf}$, utilize 30 psf on this chart ($0.75 \times 40 = 30$). (Based on NBCC 2020).

CLIENT:



Head Office:
19045 - 24th Avenue
Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2400 Series Curtain Wall

DRAWING TITLE:

WIND LOAD CHART FOR 4.0" MULLION

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

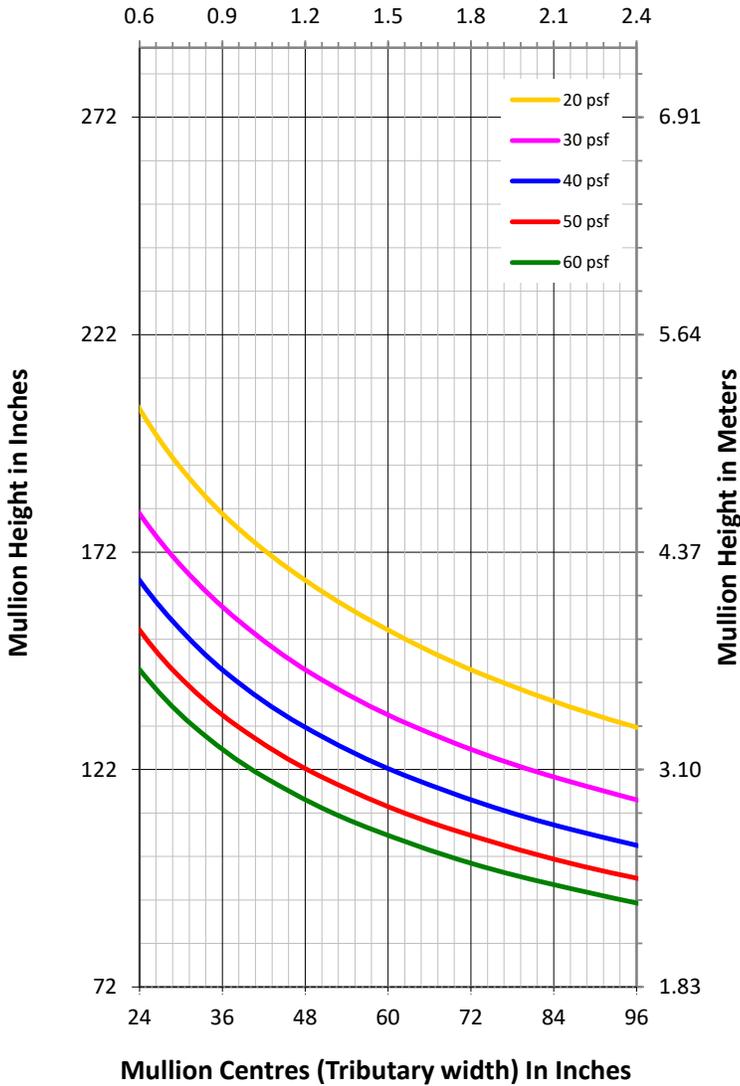
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2404SSG

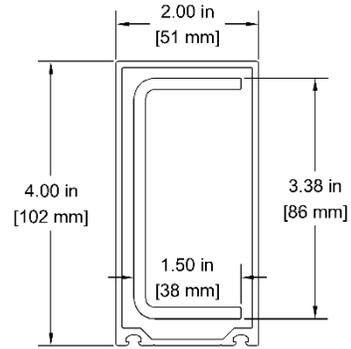
SPAN CHART

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Mullion Centres (Tributary width) In Meters



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{xx}	$I_{xx} = 6.94 \text{ in}^4$
Section Modulus, S_{xx}	$S_{xx} = 4.34 \text{ in}^3$
Total Area	$A = 1.10 \text{ in}^2$

Modulus of Elasticity

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: $L/175$ up to 13.5ft, $L/240 + 0.25"$ over 13.5ft
2. Assume horizontal members provide lateral support
3. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent
4. CANADIAN PROJECTS: Use SLS wind loads or modify the specified wind load by 0.75 before utilizing this chart. i.e. if project specifications require $p_{net} = 40 \text{ psf}$, utilize 30 psf on this chart ($0.75 \times 40 = 30$). (Based on NBCC 2020).

CLIENT:



Head Office:
19045 - 24th Avenue
Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2400SSG SERIES CURTAIN WALL

DRAWING TITLE:

**WIND LOAD CHART FOR REINFORCED
2404SSG MULLION**

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



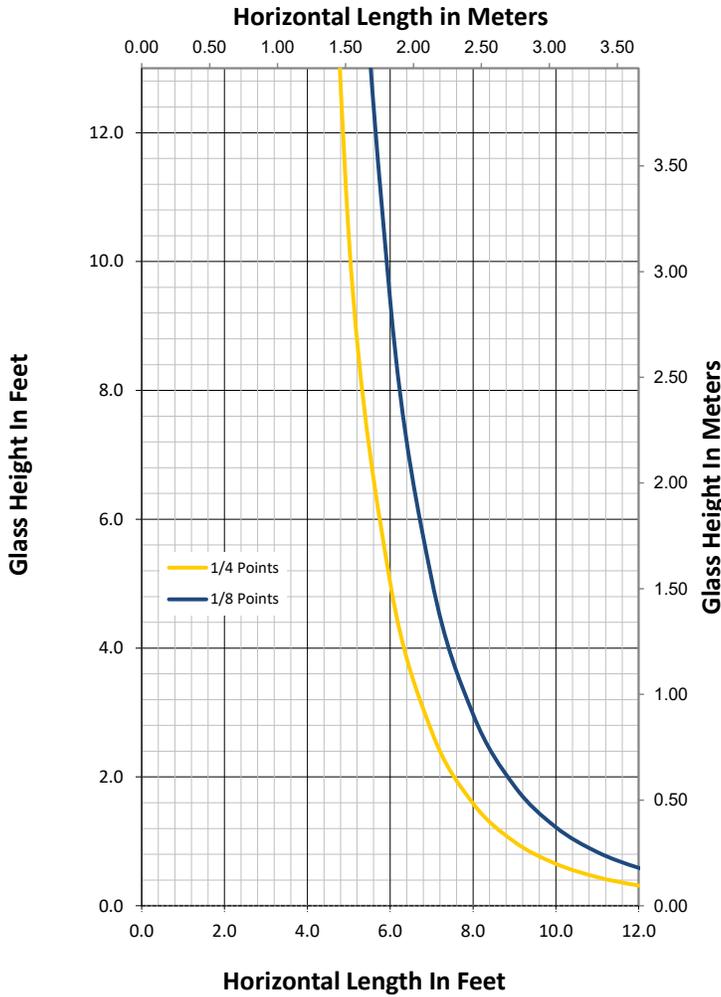
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Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

DWG. NO:

2404SSG-R

SPAN CHART

**SPAN CHART IS FOR ESTIMATION ONLY.
DO NOT UTILIZE FOR DETAILED DESIGN.
CHART IS BASED ON DEFLECTION ANALYSIS
ONLY**



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{yy}	$I_{yy} = 0.77 \text{ in}^4$
Section Modulus, S_{yy}	$S_{yy} = 0.77 \text{ in}^3$
Total Area	$A = 1.10 \text{ in}^2$

Modulus of Elasticity

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: 0.125" (3.2mm).
2. Charts are calculated assuming a 1" overall sealed unit (6mm/13mm spacer/6mm)
3. Calculations are based on the position of the setting blocks being placed at 1/4 or 1/8 points.

CLIENT:



Head Office:
19045 - 24th Avenue
Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2400 Series Curtain Wall

DRAWING TITLE:

DEAD LOAD CHART FOR 4.0" MULLION

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

DWG. NO:

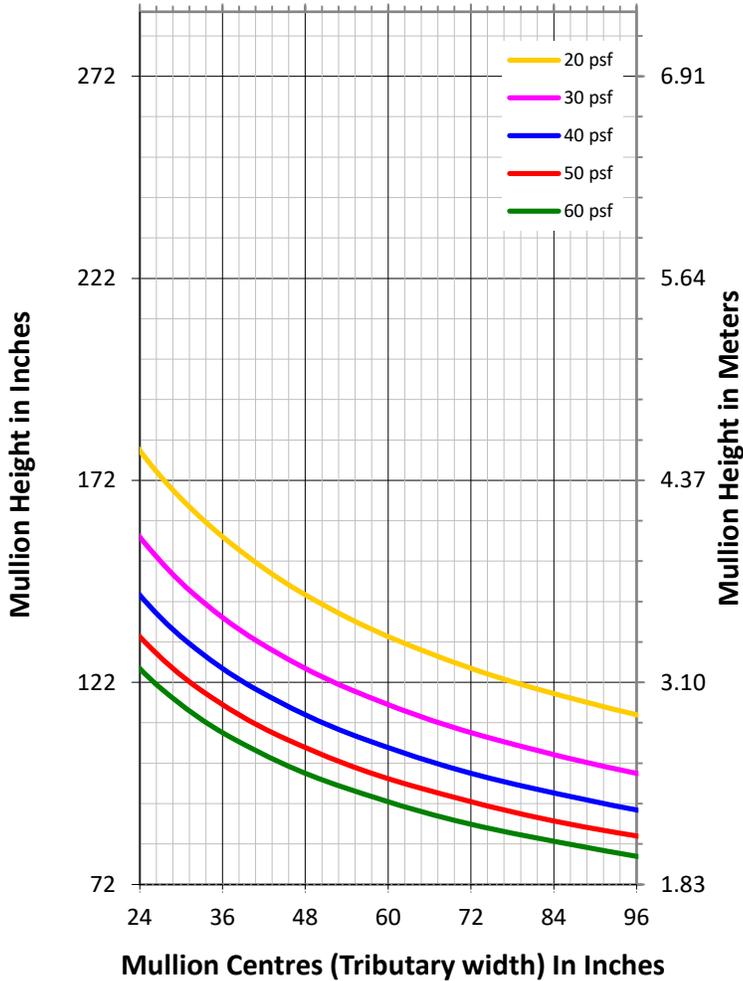
2404SSG

SPAN CHART

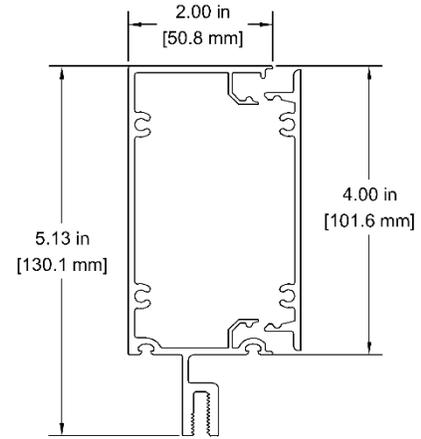
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DO NOT UTILIZE FOR DETAILED DESIGN.
CHART IS BASED ON DEFLECTION ANALYSIS
ONLY**

Mullion Centres (Tributary width) In Meters

0.6 0.9 1.2 1.5 1.8 2.1 2.4



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{xx}	$I_{xx} = 4.51 \text{ in}^4$
Section Modulus, S_{xx}	$S_{xx} = 1.70 \text{ in}^3$
Total Area	$A = 1.64 \text{ in}^2$

Modulus of Elasticity

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: $L/175$ up to 13.5ft, $L/240 + 0.25"$ over 13.5ft
2. Assume horizontal members provide lateral support
3. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent
4. CANADIAN PROJECTS: Use SLS wind loads or modify the specified wind load by 0.75 before utilizing this chart. i.e. if project specifications require $p_{net} = 40 \text{ psf}$, utilize 30 psf on this chart ($0.75 \times 40 = 30$). (Based on NBCC 2020).

CLIENT:



Head Office:
19045 - 24th Avenue
Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2400 Series Curtain Wall

DRAWING TITLE:

**WIND LOAD CHART FOR 4.0" SPLIT
MULLION**

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

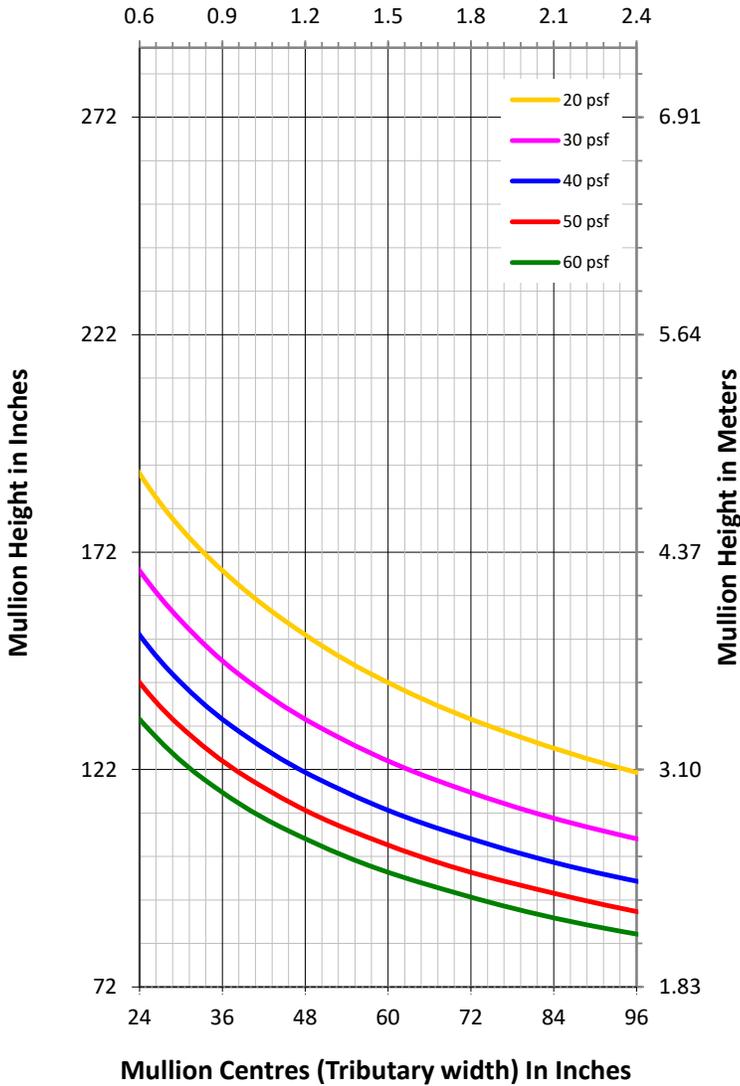
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2414/2441

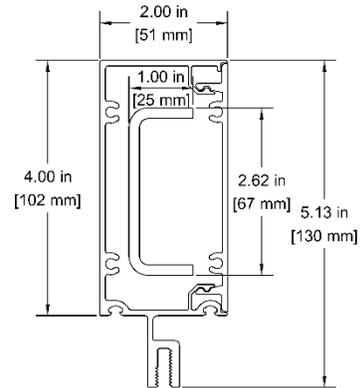
SPAN CHART

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CHART IS BASED ON DEFLECTION ANALYSIS
ONLY**

Mullion Centres (Tributary width) In Meters



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{xx}	$I_{xx} = 5.43 \text{ in}^4$
Section Modulus, S_{xx}	$S_{xx} = 2.01 \text{ in}^3$
Total Area	$A = 1.17 \text{ in}^2$

Modulus of Elasticity

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: $L/175$ up to 13.5ft, $L/240 + 0.25"$ over 13.5ft
2. Assume horizontal members provide lateral support
3. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent
4. CANADIAN PROJECTS: Use SLS wind loads or modify the specified wind load by 0.75 before utilizing this chart. i.e. if project specifications require $p_{net} = 40 \text{ psf}$, utilize 30 psf on this chart ($0.75 \times 40 = 30$). (Based on NBCC 2020).

CLIENT:



Head Office:
19045 - 24th Avenue
Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2400 SERIES CURTAIN WALL

DRAWING TITLE:

**WIND LOAD CHART FOR REINFORCED
2414/2441 MULLION**

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



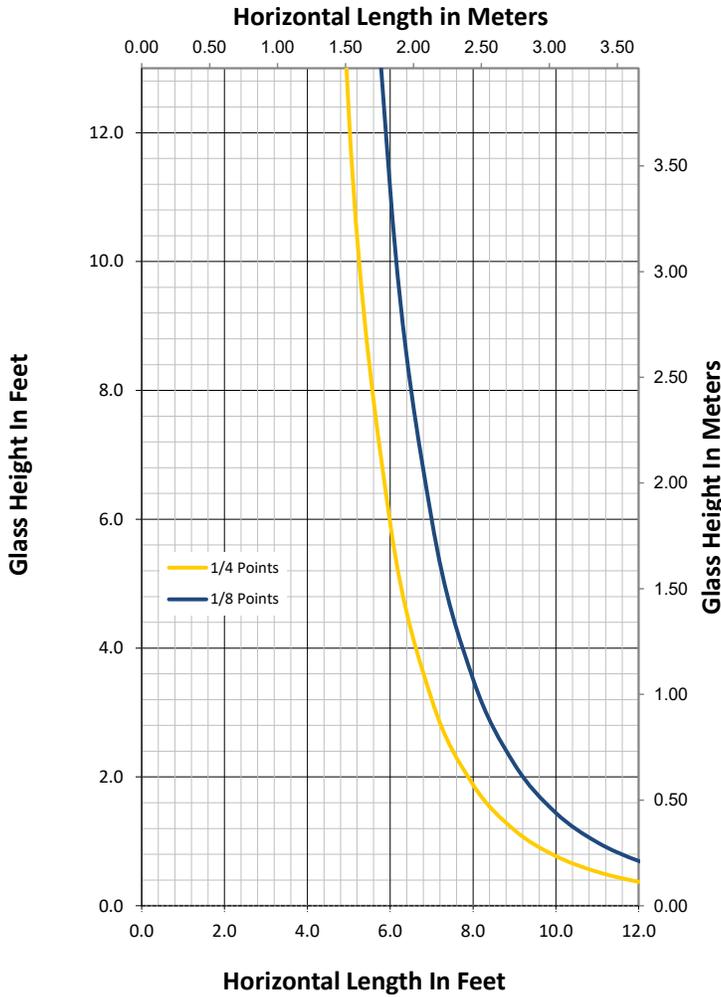
Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

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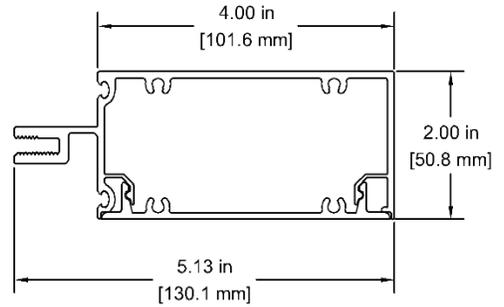
2414/2441-R

SPAN CHART

**SPAN CHART IS FOR ESTIMATION ONLY.
DO NOT UTILIZE FOR DETAILED DESIGN.
CHART IS BASED ON DEFLECTION ANALYSIS
ONLY**



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{yy}	$I_{yy} = 0.92 \text{ in}^4$
Section Modulus, S_{yy}	$S_{yy} = 0.89 \text{ in}^3$
Total Area	$A = 1.64 \text{ in}^2$

Modulus of Elasticity

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: 0.125" (3.2mm).
2. Charts are calculated assuming a 1" overall sealed unit (6mm/13mm spacer/6mm)
3. Calculations are based on the position of the setting blocks being placed at 1/4 or 1/8 points.

CLIENT:



Head Office:
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Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2400 Series Curtain Wall

DRAWING TITLE:

**DEAD LOAD CHART FOR 4.0" SPLIT
MULLION**

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

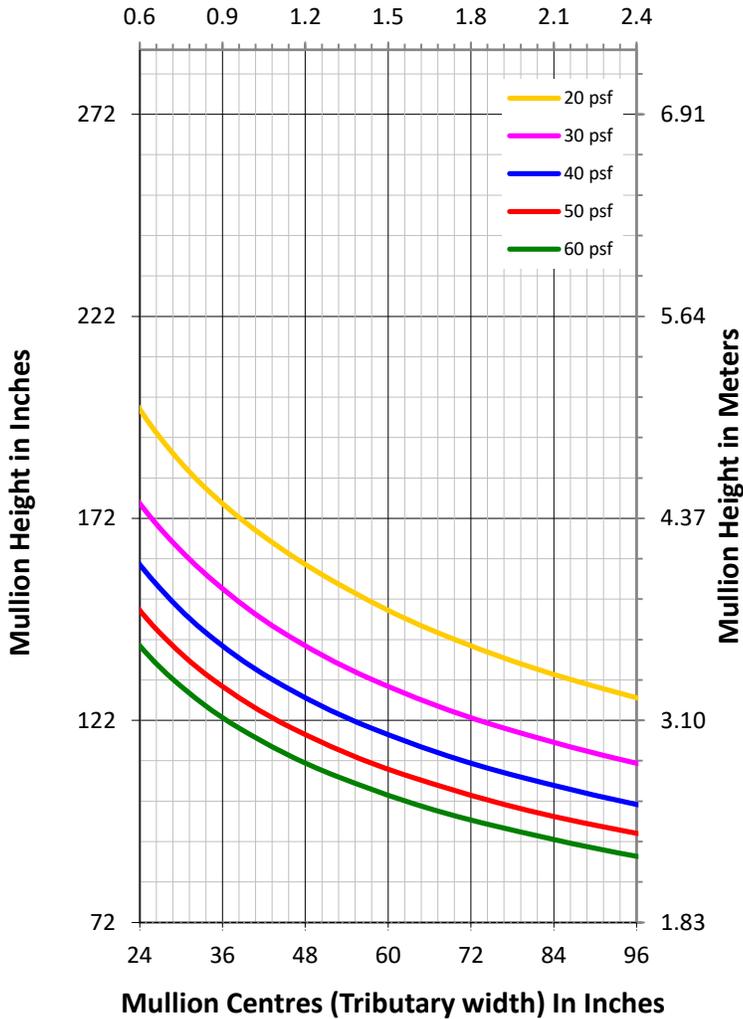
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2414/2441

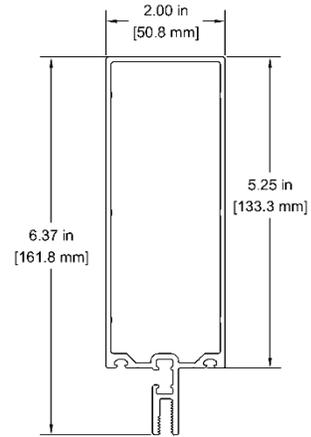
SPAN CHART

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CHART IS BASED ON DEFLECTION ANALYSIS
ONLY**

Mullion Centres (Tributary width) In Meters



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{xx}	$I_{xx} = 6.32 \text{ in}^4$
Section Modulus, S_{xx}	$S_{xx} = 1.93 \text{ in}^3$
Total Area	$A = 1.46 \text{ in}^2$

Modulus of Elasticity

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: $L/175$ up to 13.5ft, $L/240 + 0.25"$ over 13.5ft
2. Assume horizontal members provide lateral support
3. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent
4. CANADIAN PROJECTS: Use SLS wind loads or modify the specified wind load by 0.75 before utilizing this chart. i.e. if project specifications require $p_{net} = 40 \text{ psf}$, utilize 30 psf on this chart ($0.75 \times 40 = 30$). (Based on NBCC 2020).

CLIENT:



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Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2400 Series Curtain Wall

DRAWING TITLE:

WIND LOAD CHART FOR 5-1/4" MULLION

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

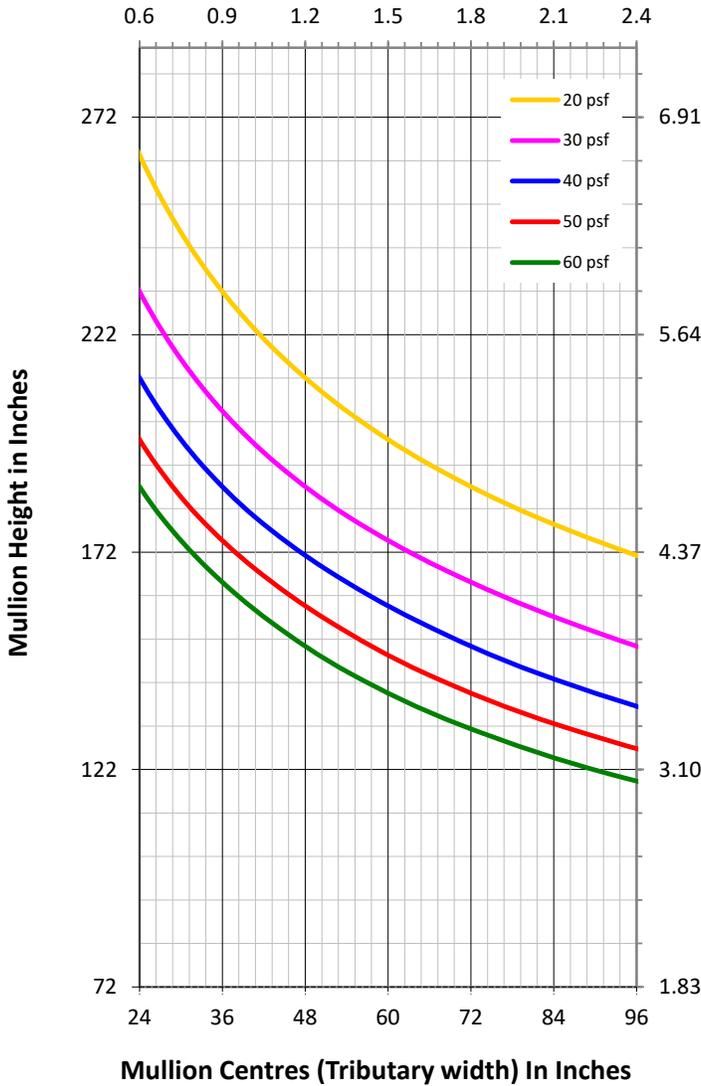
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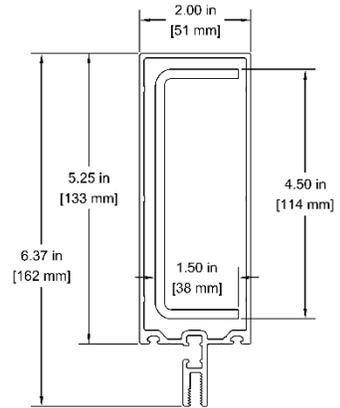
SPAN CHART

**SPAN CHART IS FOR ESTIMATION ONLY.
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CHART IS BASED ON DEFLECTION ANALYSIS
ONLY**

Mullion Centres (Tributary width) In Meters



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{xx}	$I_{xx} = 15.48 \text{ in}^4$
Section Modulus, S_{xx}	$S_{xx} = 4.44 \text{ in}^3$
Total Area	$A = 1.46 \text{ in}^2$

Modulus of Elasticity

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: $L/175$ up to 13.5ft, $L/240 + 0.25"$ over 13.5ft
2. Assume horizontal members provide lateral support
3. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent
4. CANADIAN PROJECTS: Use SLS wind loads or modify the specified wind load by 0.75 before utilizing this chart. i.e. if project specifications require $p_{net} = 40 \text{ psf}$, utilize 30 psf on this chart ($0.75 \times 40 = 30$). (Based on NBCC 2020).

CLIENT:



Head Office:
19045 - 24th Avenue
Surrey, B.C. V3Z 3S9
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www.metroaluminum.com

SERIES:

2400 SERIES CURTAIN WALL

DRAWING TITLE:

**WIND LOAD CHART FOR REINFORCED
2425S MULLION**

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



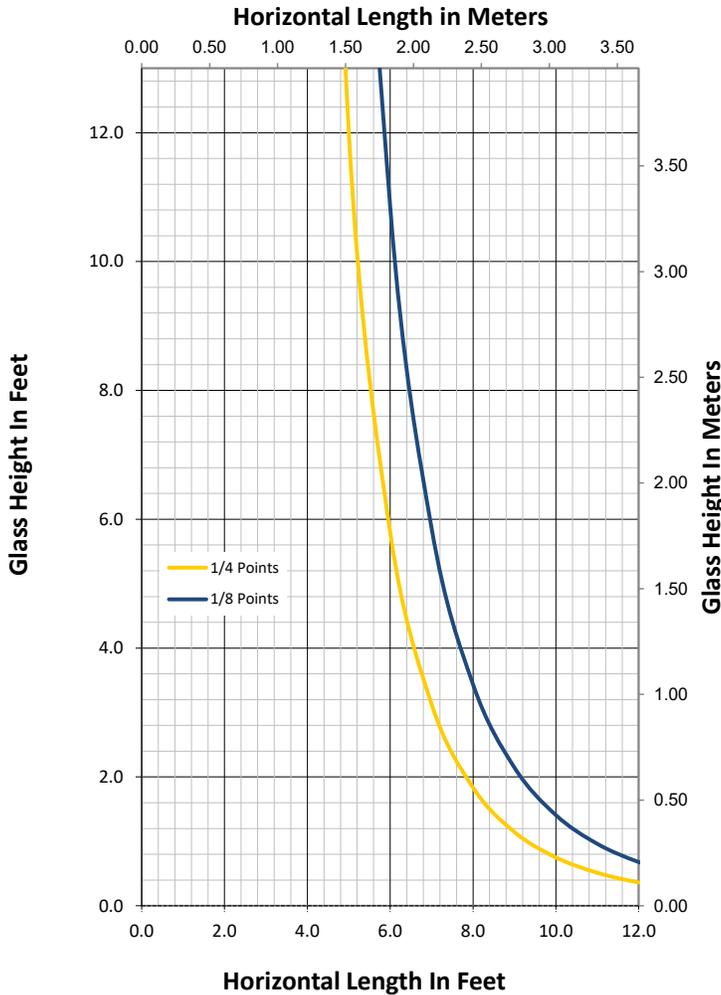
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Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

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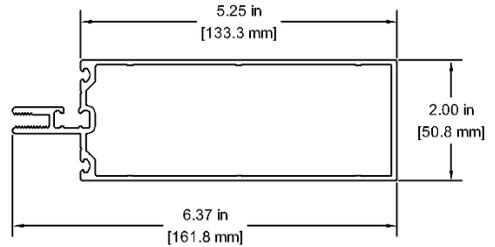
2425S-R

SPAN CHART

**SPAN CHART IS FOR ESTIMATION ONLY.
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MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{yy}	$I_{yy} = 0.89 \text{ in}^4$
Section Modulus, S_{yy}	$S_{yy} = 0.89 \text{ in}^3$
Total Area	$A = 1.46 \text{ in}^2$

Modulus of Elasticity

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: 0.125" (3.2mm).
2. Charts are calculated assuming a 1" overall sealed unit (6mm/13mm spacer/6mm)
3. Calculations are based on the position of the setting blocks being placed at 1/4 or 1/8 points.

CLIENT:



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Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2400 Series Curtain Wall

DRAWING TITLE:

DEAD LOAD CHART FOR 5-1/4" MULLION

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

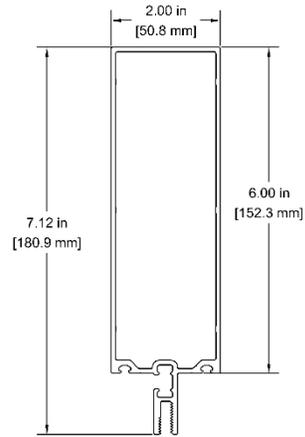
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SPAN CHART

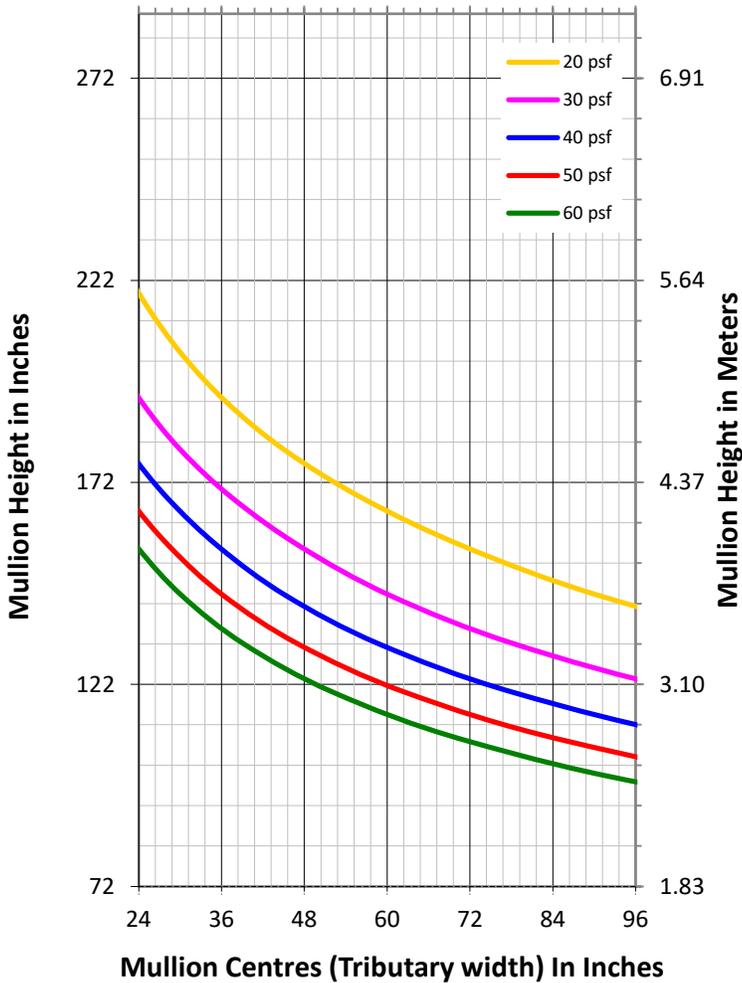
MULLION SECTION

**SPAN CHART IS FOR ESTIMATION ONLY.
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ONLY**



Mullion Centres (Tributary width) In Meters

0.6 0.9 1.2 1.5 1.8 2.1 2.4



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{xx}	$I_{xx} = 8.57 \text{ in}^4$
Section Modulus, S_{xx}	$S_{xx} = 2.33 \text{ in}^3$
Total Area	$A = 1.58 \text{ in}^2$

Modulus of Elasticity

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: $L/175$ up to 13.5ft, $L/240 + 0.25"$ over 13.5ft
2. Assume horizontal members provide lateral support
3. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent
4. CANADIAN PROJECTS: Use SLS wind loads or modify the specified wind load by 0.75 before utilizing this chart. i.e. if project specifications require $p_{net} = 40 \text{ psf}$, utilize 30 psf on this chart ($0.75 \times 40 = 30$). (Based on NBCC 2020).

CLIENT:



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Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2400 Series Curtain Wall

DRAWING TITLE:

WIND LOAD CHART FOR 6.0" MULLION

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

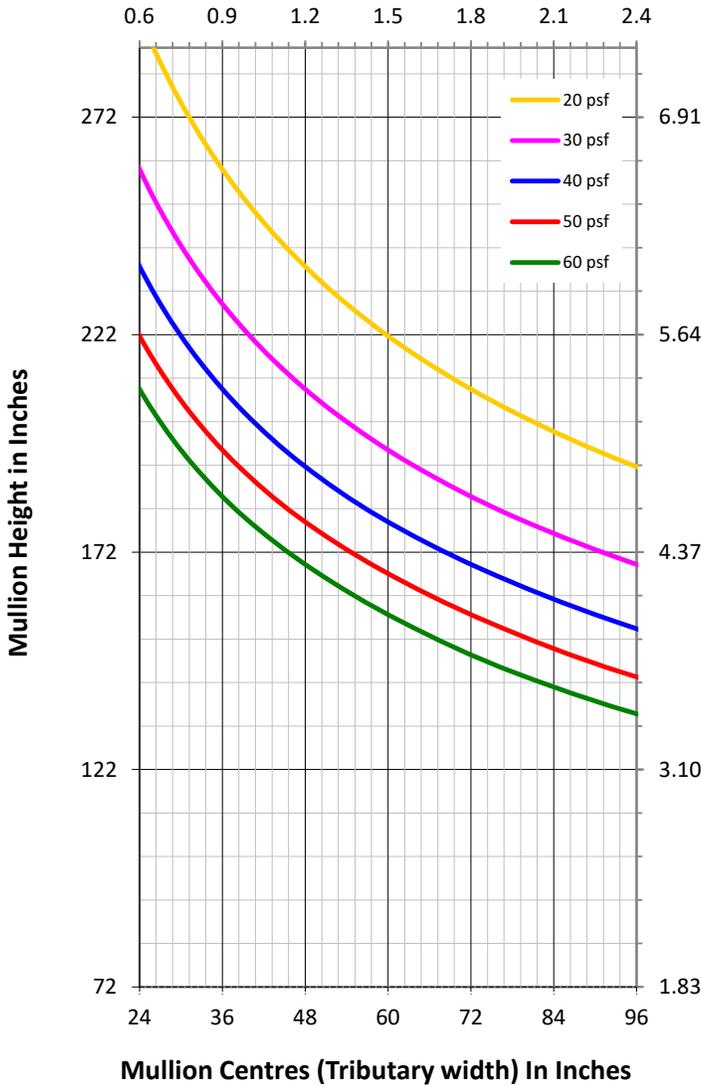
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2426S

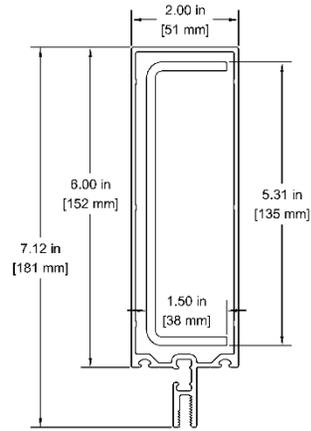
SPAN CHART

**SPAN CHART IS FOR ESTIMATION ONLY.
DO NOT UTILIZE FOR DETAILED DESIGN.
CHART IS BASED ON DEFLECTION ANALYSIS
ONLY**

Mullion Centres (Tributary width) In Meters



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{xx} | $I_{xx} = 22.33 \text{ in}^4$

Section Modulus, S_{xx} | $S_{xx} = 4.58 \text{ in}^3$

Total Area | $A = 1.58 \text{ in}^2$

Modulus of Elasticity

Aluminum | 10,000,000 PSI

Steel | 29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: $L/175$ up to 13.5ft, $L/240 + 0.25"$ over 13.5ft
2. Assume horizontal members provide lateral support
3. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent
4. CANADIAN PROJECTS: Use SLS wind loads or modify the specified wind load by 0.75 before utilizing this chart. i.e. if project specifications require $p_{net} = 40 \text{ psf}$, utilize 30 psf on this chart ($0.75 \times 40 = 30$). (Based on NBCC 2020).

CLIENT:



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19045 - 24th Avenue
Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2400 SERIES CURTAIN WALL

DRAWING TITLE:

**WIND LOAD CHART FOR REINFORCED
2462S MULLION**

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

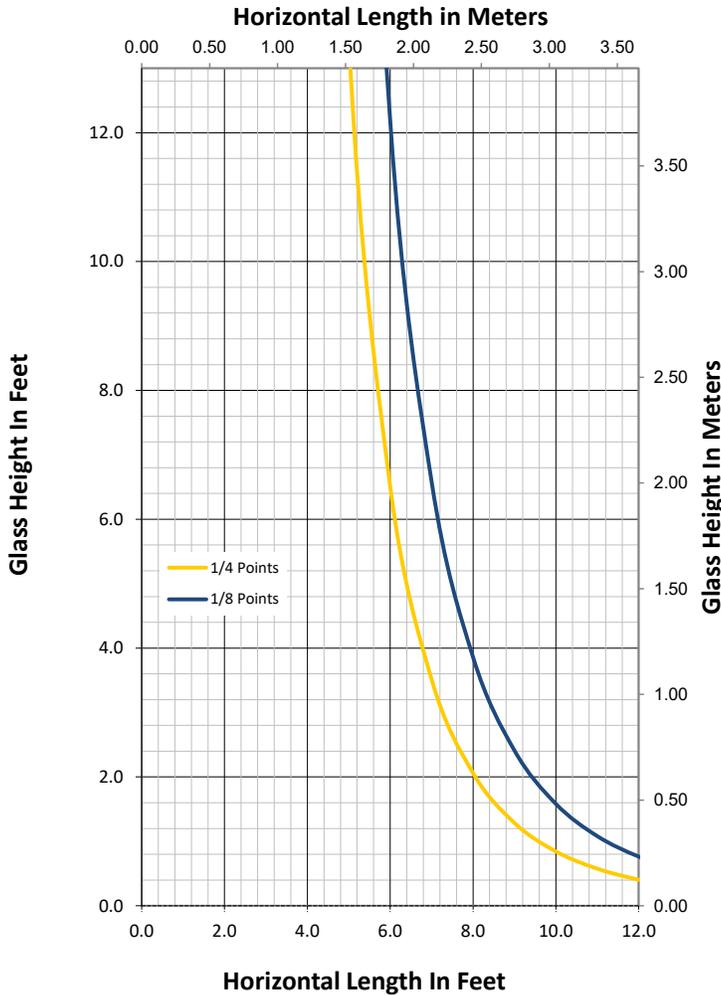
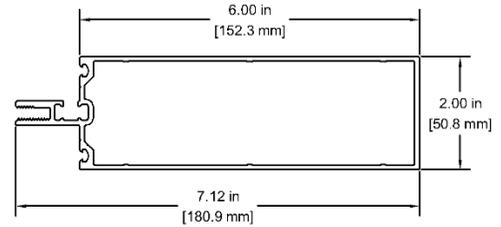
DWG. NO:

2426S-R

SPAN CHART

MULLION SECTION

**SPAN CHART IS FOR ESTIMATION ONLY.
DO NOT UTILIZE FOR DETAILED DESIGN.
CHART IS BASED ON DEFLECTION ANALYSIS
ONLY**



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{yy}	$I_{yy} = 1.00 \text{ in}^4$
Section Modulus, S_{yy}	$S_{yy} = 1.00 \text{ in}^3$
Total Area	$A = 1.58 \text{ in}^2$

Modulus of Elasticity

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: 0.125" (3.2mm).
2. Charts are calculated assuming a 1" overall sealed unit (6mm/13mm spacer/6mm)
3. Calculations are based on the position of the setting blocks being placed at 1/4 or 1/8 points.

CLIENT:



Head Office:
19045 - 24th Avenue
Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2400 Series Curtain Wall

DRAWING TITLE:

DEAD LOAD CHART FOR 6.0" MULLION

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

DWG. NO:

2426S