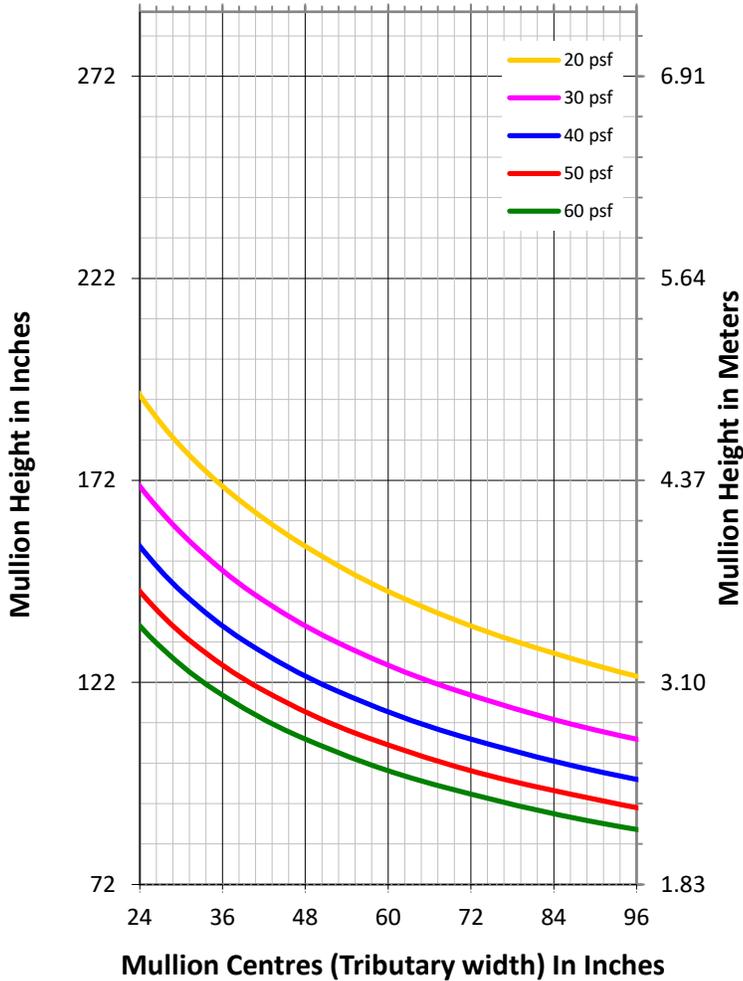


SPAN CHART

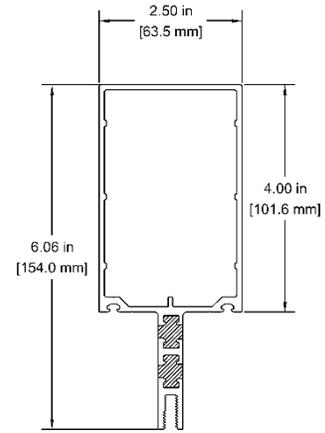
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CHART IS BASED ON DEFLECTION ANALYSIS
ONLY**

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}	$I_{xx} = 5.74 \text{ in}^4$
Section Modulus, S_{xx}	$S_{xx} = 1.39 \text{ in}^3$
Total Area	$A = 1.66 \text{ in}^2$

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:

2500THP Series Triple Glazed 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

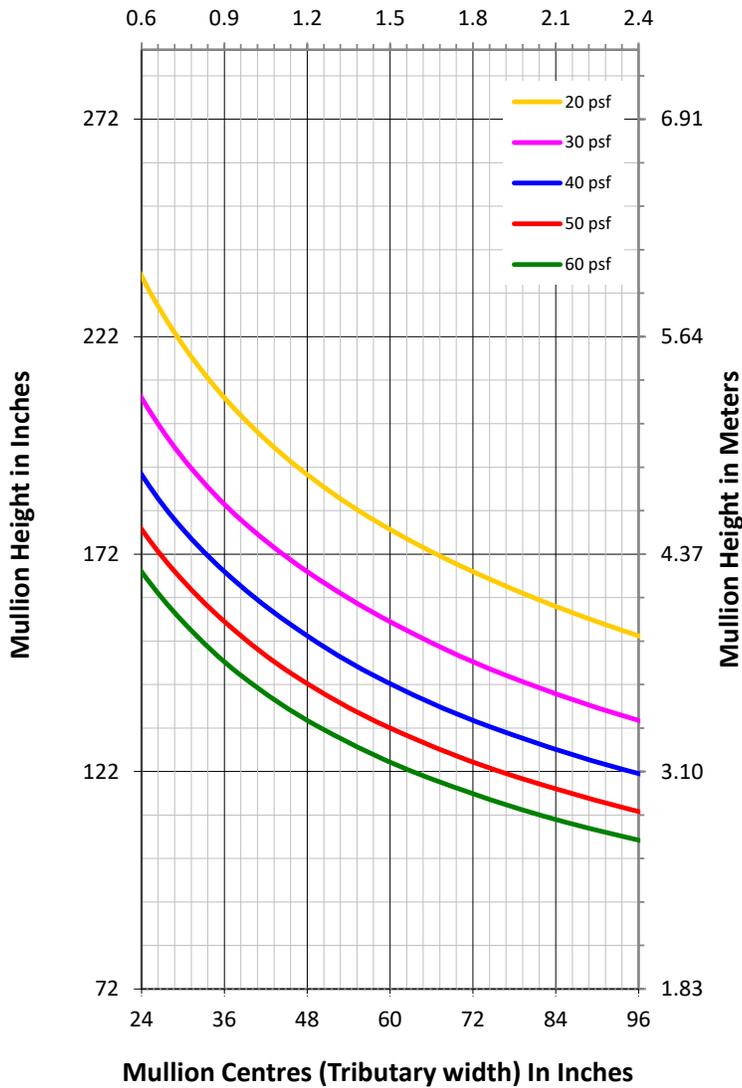
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2503THP

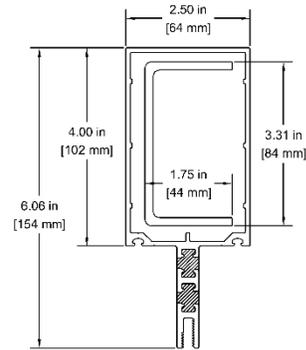
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Mullion Centres (Tributary width) In Meters



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{xx}	$I_{xx} = 10.91 \text{ in}^4$
Section Modulus, S_{xx}	$S_{xx} = 3.74 \text{ in}^3$
Total Area	$A = 1.66 \text{ in}^2$

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:

2500THP SERIES CURTAIN WALL

DRAWING TITLE:

**WIND LOAD CHART FOR REINFORCED
2503THP MULLION**

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



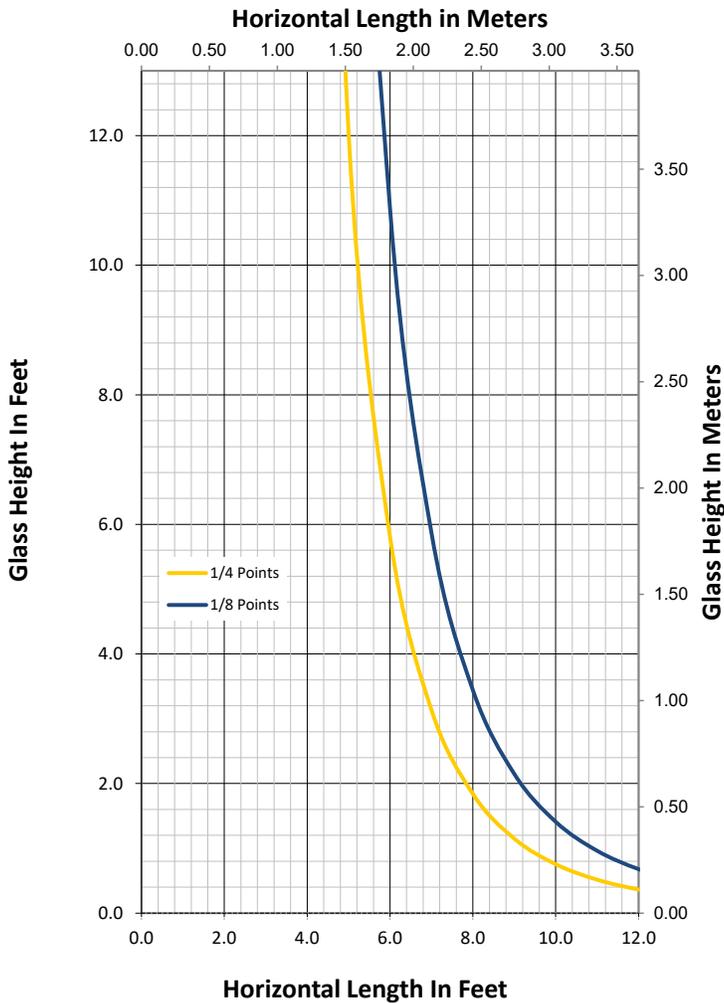
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Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

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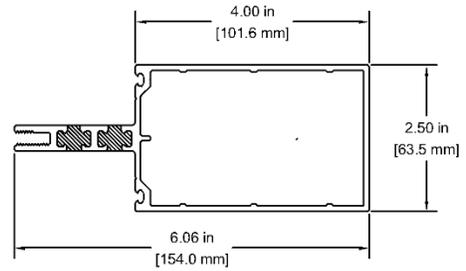
2503THP-R

SPAN CHART

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MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{yy}	$I_{yy} = 1.34 \text{ in}^4$
Section Modulus, S_{yy}	$S_{yy} = 1.07 \text{ in}^3$
Total Area	$A = 1.66 \text{ in}^2$

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 1-15/16" overall sealed unit (6mm/18mm spacer/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:

2500THP Series Triple Glazed 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

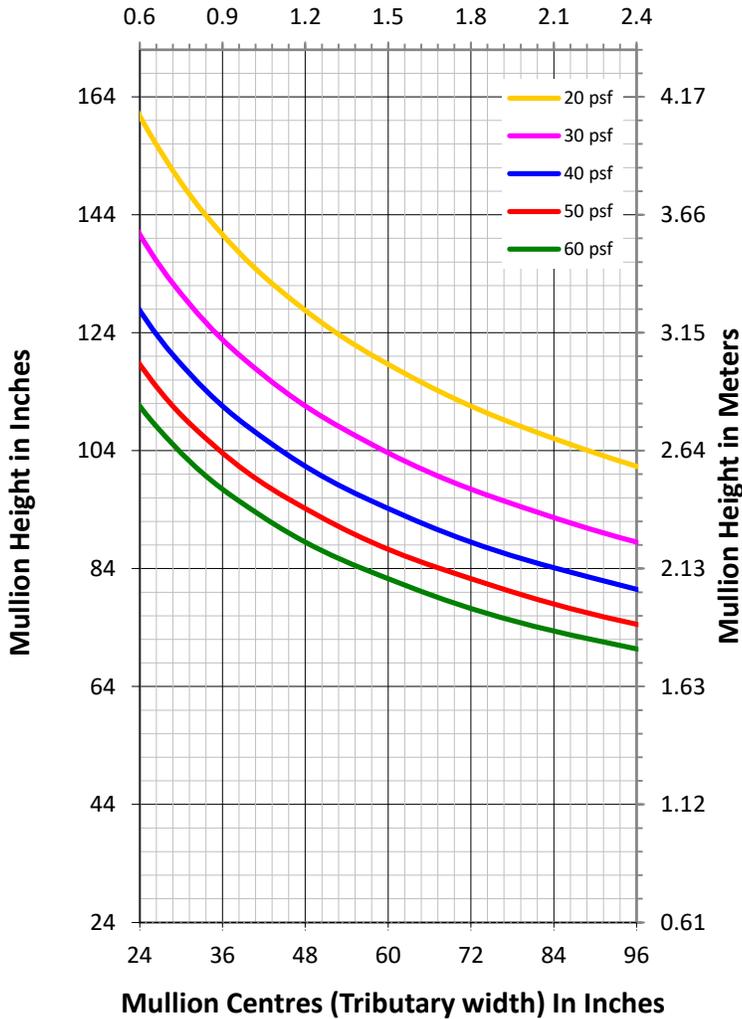
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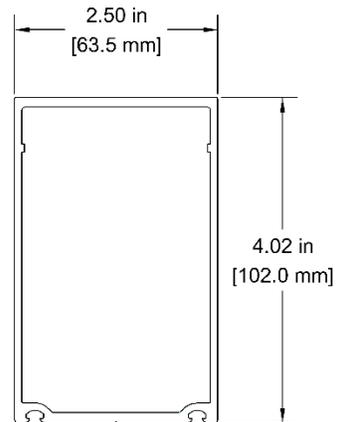
SPAN CHART

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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}	$I_{xx} = 3.17 \text{ in}^4$
Section Modulus, S_{xx}	$S_{xx} = 1.55 \text{ in}^3$
Total Area	$A = 1.32 \text{ in}^2$

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:

2500 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

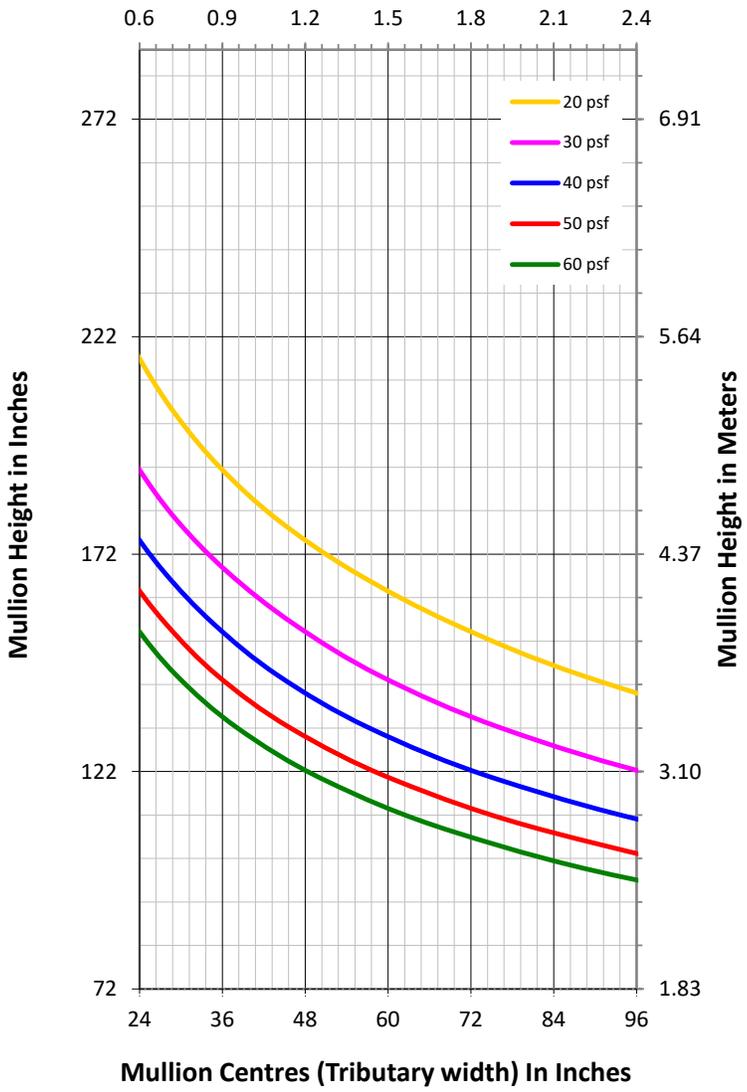
DWG. NO:

2523SSG

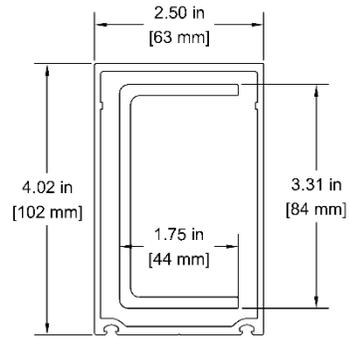
SPAN CHART

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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}	$I_{xx} = 8.34 \text{ in}^4$
Section Modulus, S_{xx}	$S_{xx} = 6.85 \text{ in}^3$
Total Area	$A = 1.32 \text{ in}^2$

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:

2500 SERIES CURTAIN WALL

DRAWING TITLE:

**WIND LOAD CHART FOR REINFORCED
2523SSG MULLION**

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



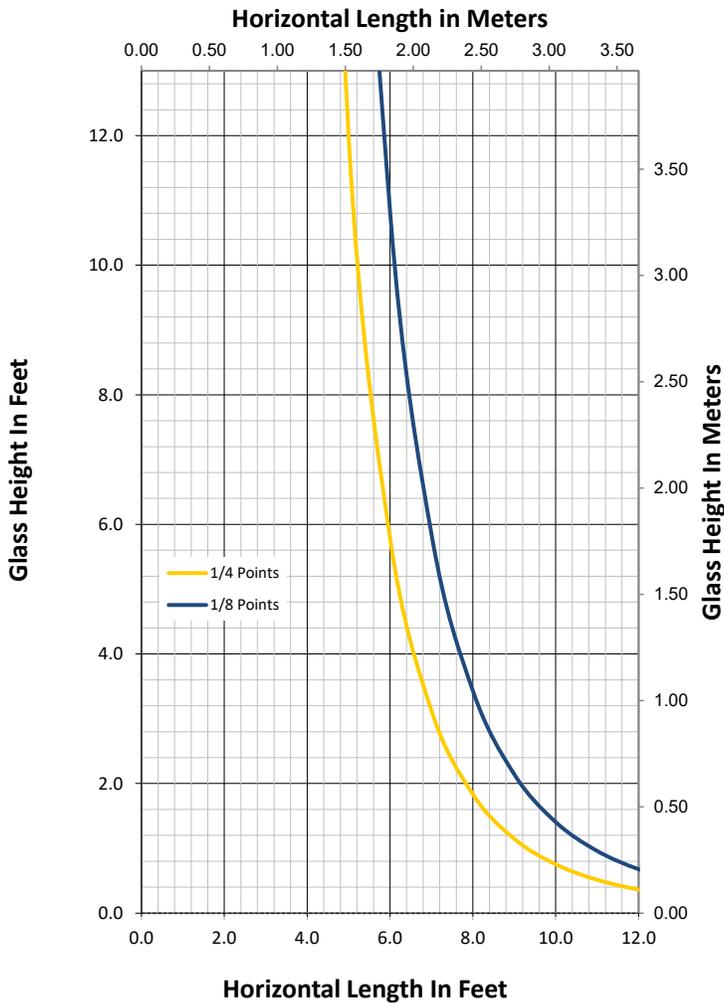
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Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

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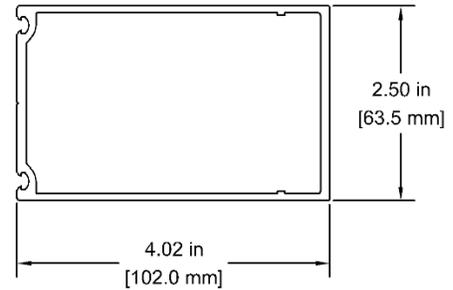
2523SSG-R

SPAN CHART

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MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{yy}	$I_{yy} = 1.34 \text{ in}^4$
Section Modulus, S_{yy}	$S_{yy} = 1.07 \text{ in}^3$
Total Area	$A = 1.32 \text{ in}^2$

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 1-15/16" overall sealed unit (6mm/18mm spacer/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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Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2500 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

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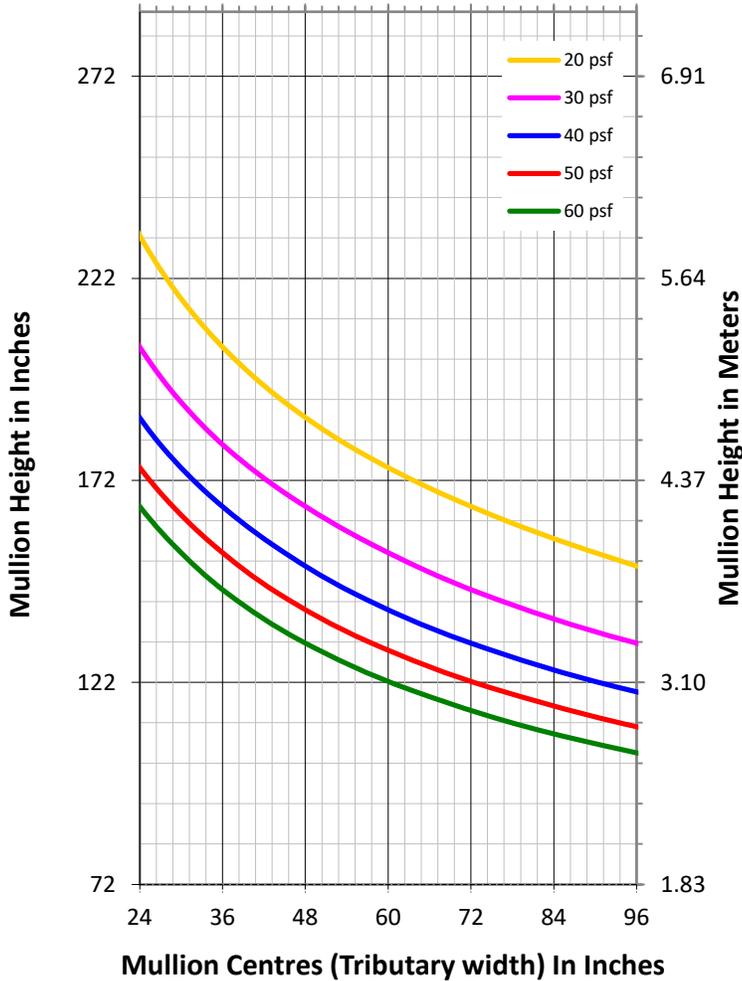
2523SSG

SPAN CHART

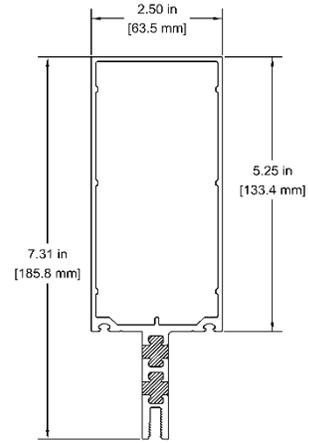
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Mullion Centres (Tributary width) In Meters

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}	$I_{xx} = 10.42 \text{ in}^4$
Section Modulus, S_{xx}	$S_{xx} = 2.11 \text{ in}^3$
Total Area	$A = 1.60 \text{ in}^2$

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:

2500THP Series Triple Glazed 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

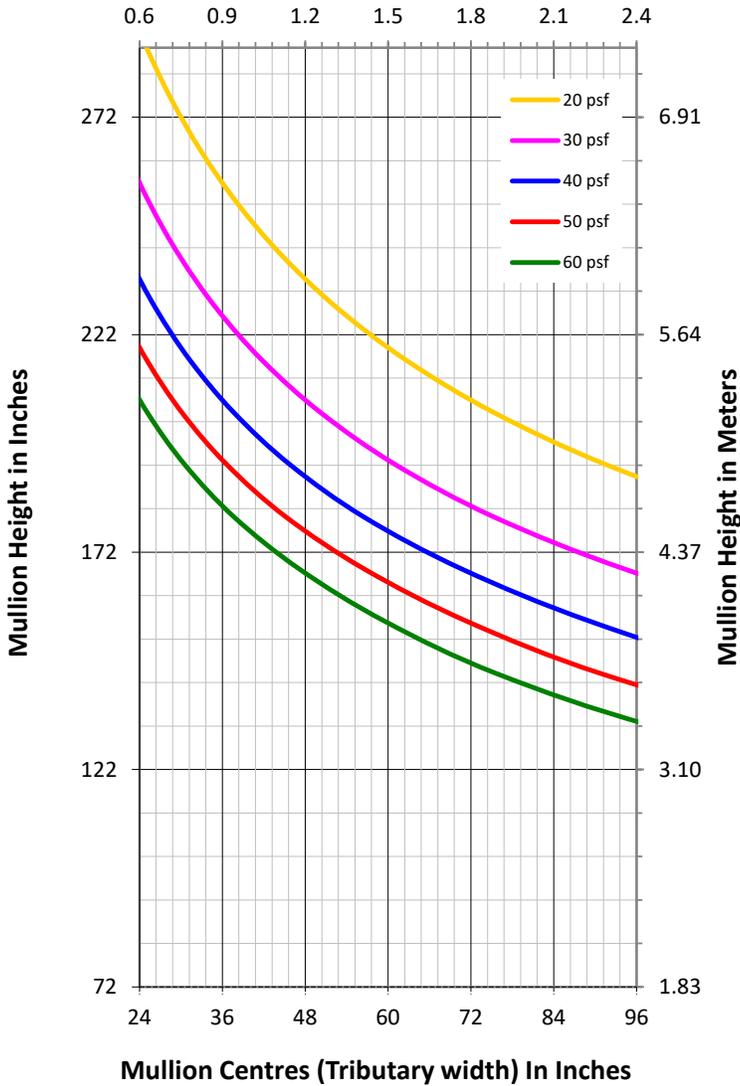
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2504THP

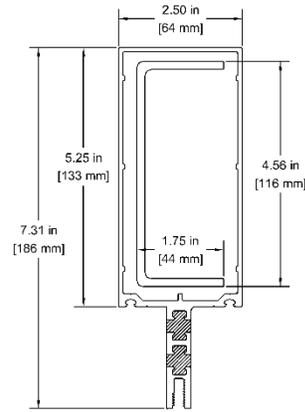
SPAN CHART

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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}	$I_{xx} = 21.48 \text{ in}^4$
Section Modulus, S_{xx}	$S_{xx} = 11.45 \text{ in}^3$
Total Area	$A = 1.99 \text{ in}^2$

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:

2500THP SERIES CURTAIN WALL

DRAWING TITLE:

**WIND LOAD CHART FOR REINFORCED
2504THP 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

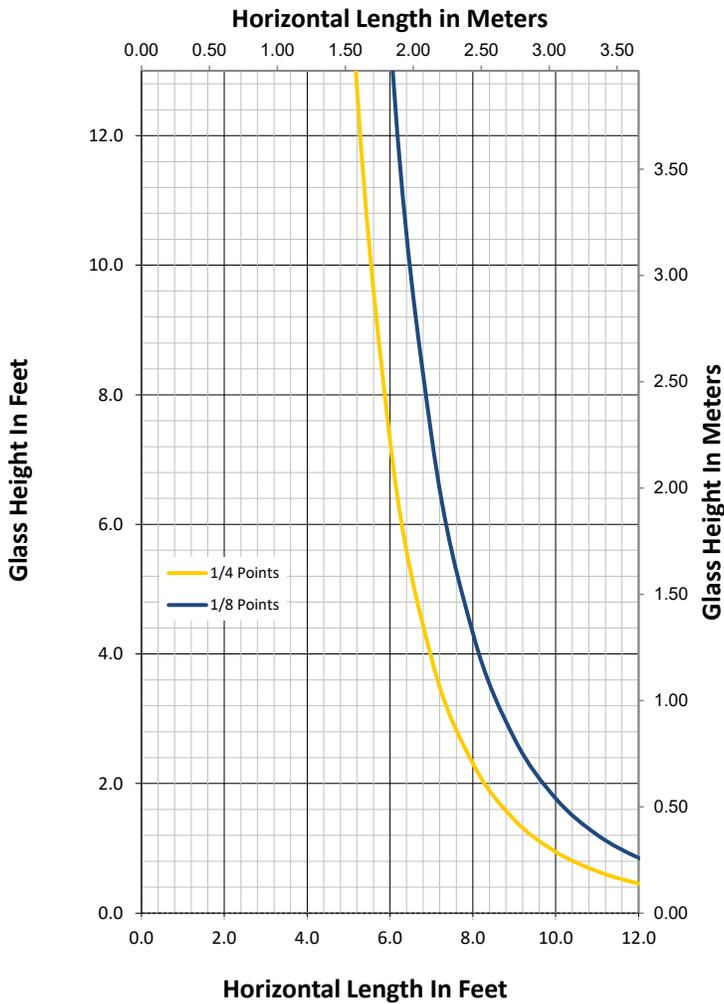
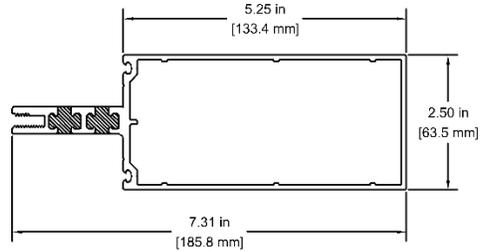
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2504THP-R

SPAN CHART

MULLION SECTION

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SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{yy}	$I_{yy} = 1.69 \text{ in}^4$
Section Modulus, S_{yy}	$S_{yy} = 1.34 \text{ in}^3$
Total Area	$A = 1.99 \text{ in}^2$

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 1-15/16" overall sealed unit (6mm/18mm spacer/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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Surrey, B.C. V3Z 3S9
Tel. (604) 535-5316
www.metroaluminum.com

SERIES:

2500THP Series Triple Glazed 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

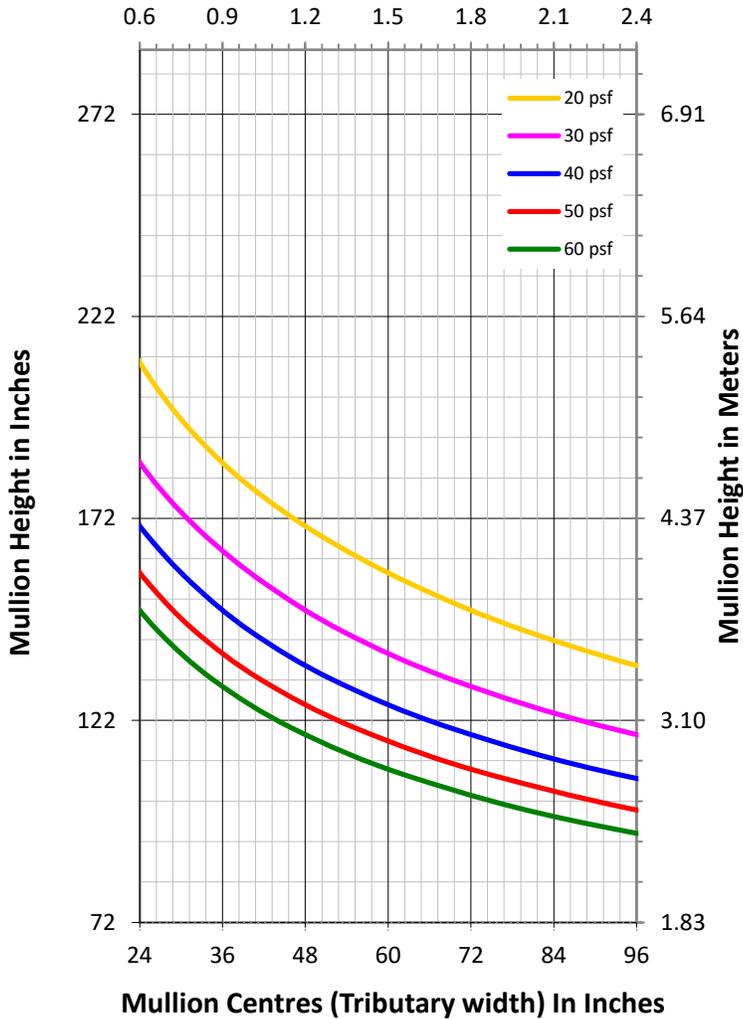
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2504THP

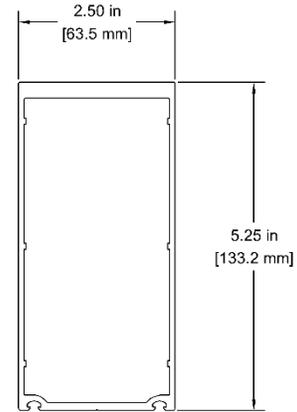
SPAN CHART

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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}	$I_{xx} = 7.58 \text{ in}^4$
Section Modulus, S_{xx}	$S_{xx} = 2.55 \text{ in}^3$
Total Area	$A = 1.85 \text{ in}^2$

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:

2500 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

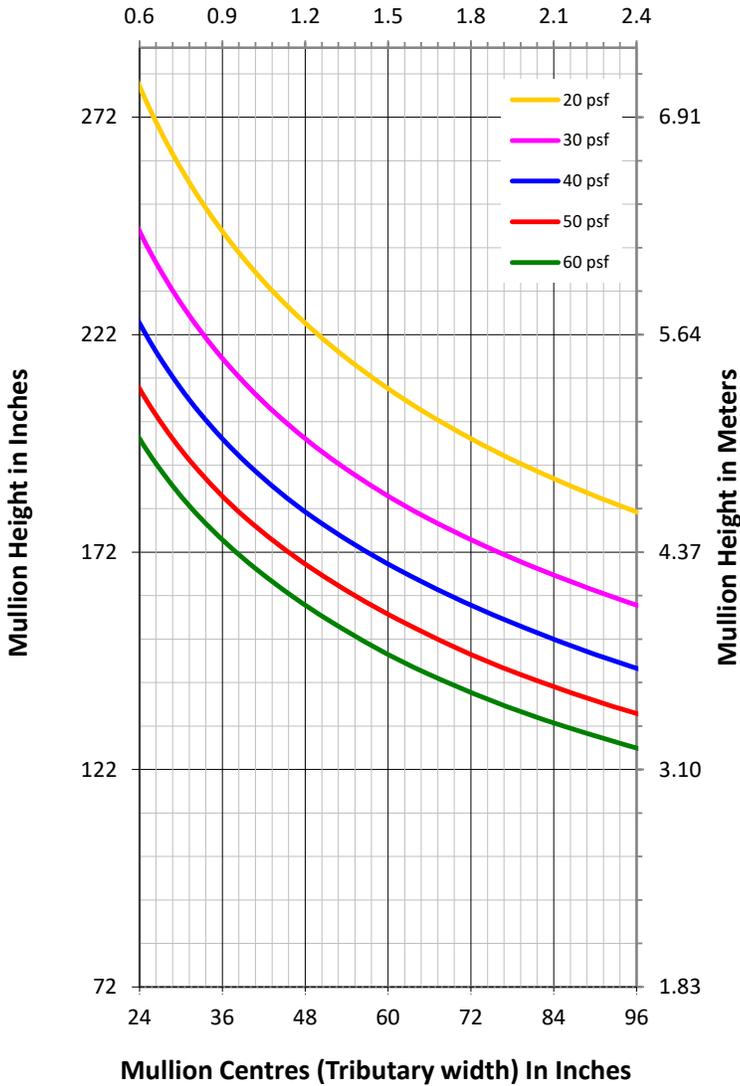
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2555SSG

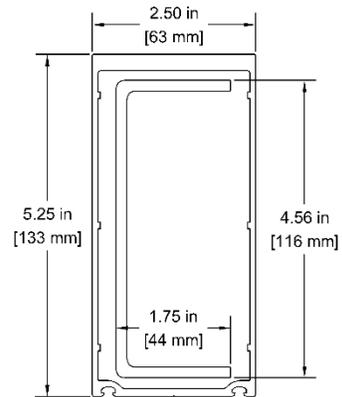
SPAN CHART

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ONLY**

Mullion Centres (Tributary width) In Meters



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{xx}	$I_{xx} = 18.64 \text{ in}^4$
Section Modulus, S_{xx}	$S_{xx} = 16.92 \text{ in}^3$
Total Area	$A = 1.85 \text{ in}^2$

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:

2500 SERIES CURTAIN WALL

DRAWING TITLE:

**WIND LOAD CHART FOR REINFORCED
2555SSG MULLION**

DRAWN BY:

JK

CHK'D BY:

JS

DATE:

13-Nov-25

ENGINEERING BY:



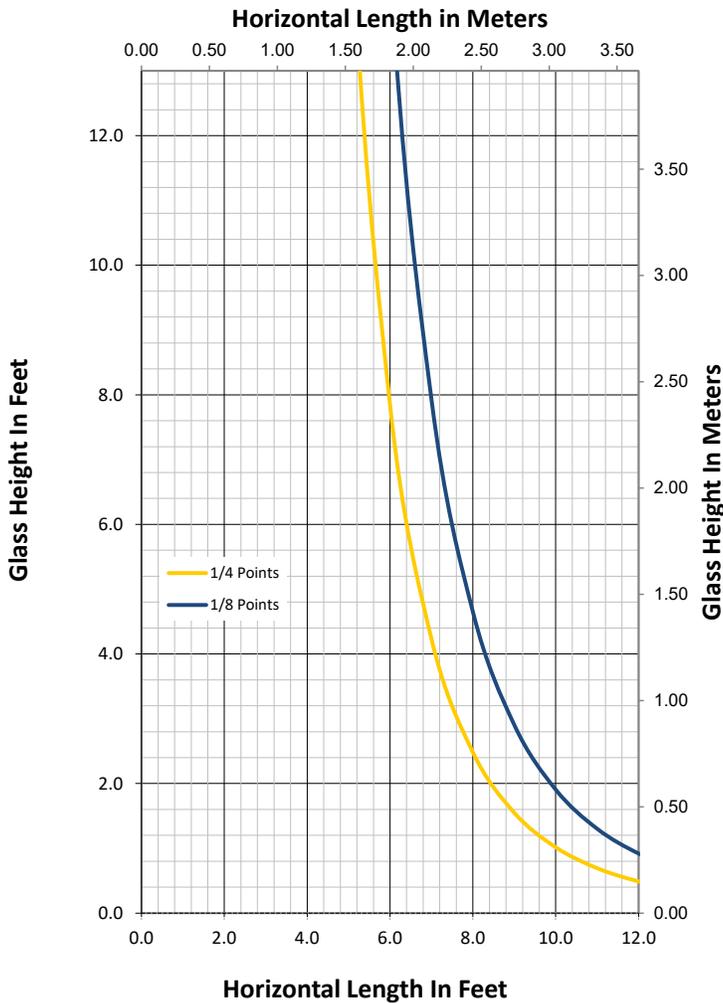
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DWG. NO:

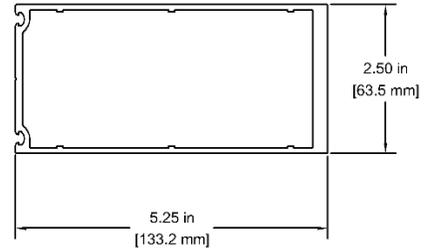
2555SSG-R

SPAN CHART

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ONLY**



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{yy}	$I_{yy} = 1.81 \text{ in}^4$
Section Modulus, S_{yy}	$S_{yy} = 1.45 \text{ in}^3$
Total Area	$A = 1.85 \text{ in}^2$

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 1-15/16" overall sealed unit (6mm/18mm spacer/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:

2500 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
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DWG. NO:

2555SSG