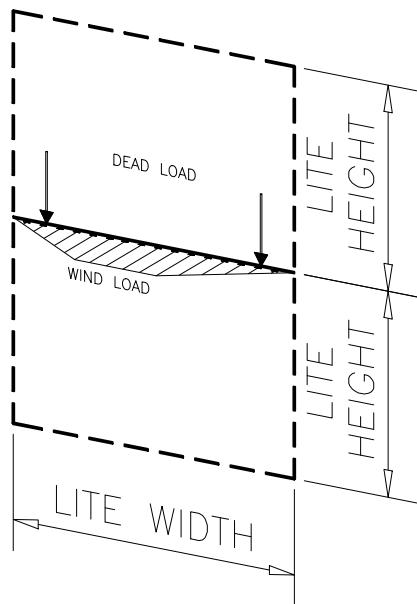
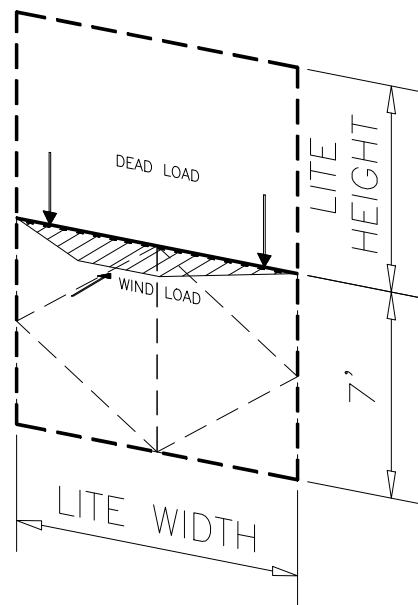


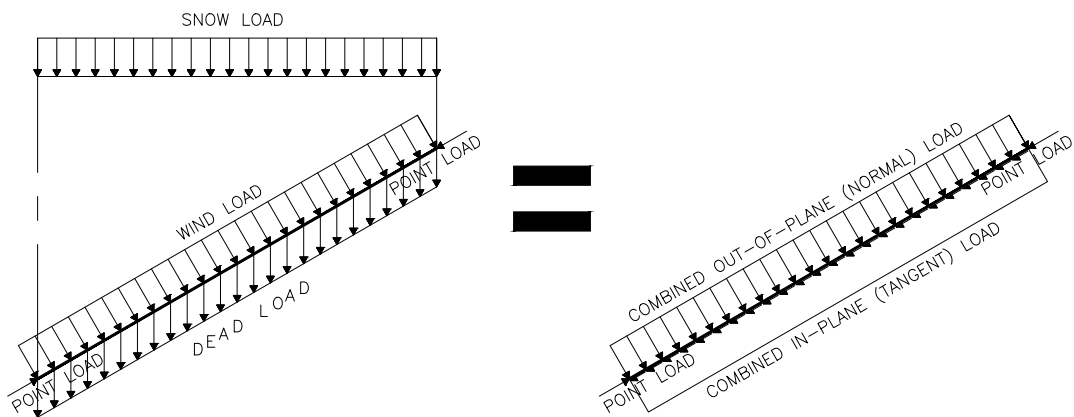
HORIZONTAL MEMBER LOADS



DOOR TRANSOM LOADS



RAFTER LOADS



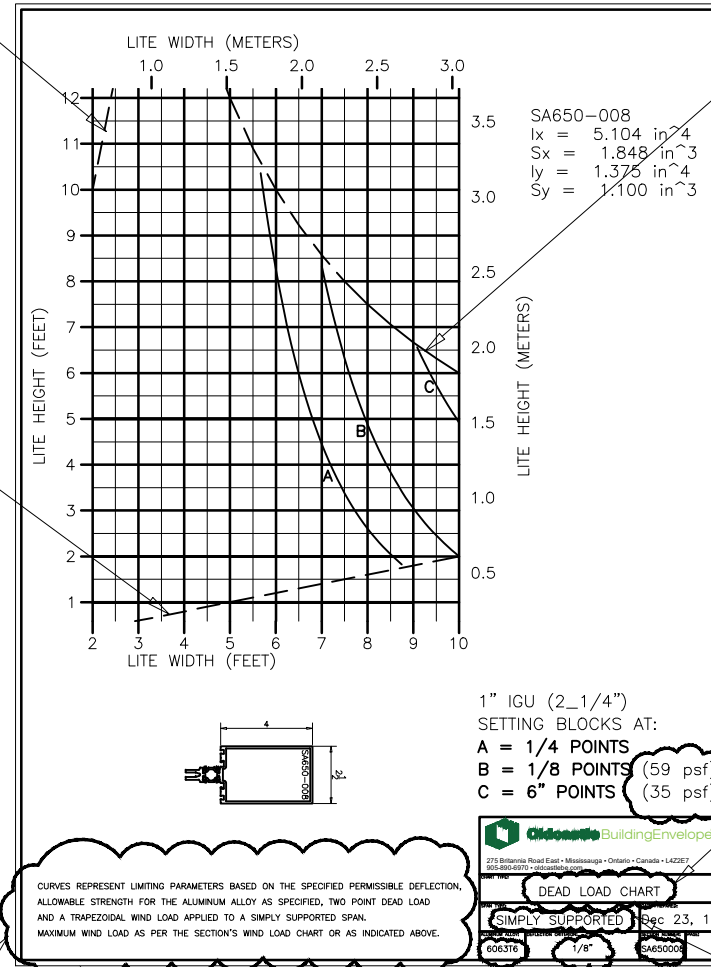
ONLY THE COMBINED NORMAL LOAD IS USED IN PREPARATION OF RAFTER LOAD CHARTS. AXIAL AND TANGENT LOADS ARE DISREGARDED.

DEAD LOAD CHART NOTES

1:5 GLASS ASPECT RATIO LIMIT

1:5 GLASS ASPECT RATIO LIMIT

60 SQUARE FEET GLASS AREA LIMIT



DO NOT USE THIS CHART IF YOUR DESIGN WIND LOAD IS ABOVE THOSE LIMITS

LOAD CHART TYPE

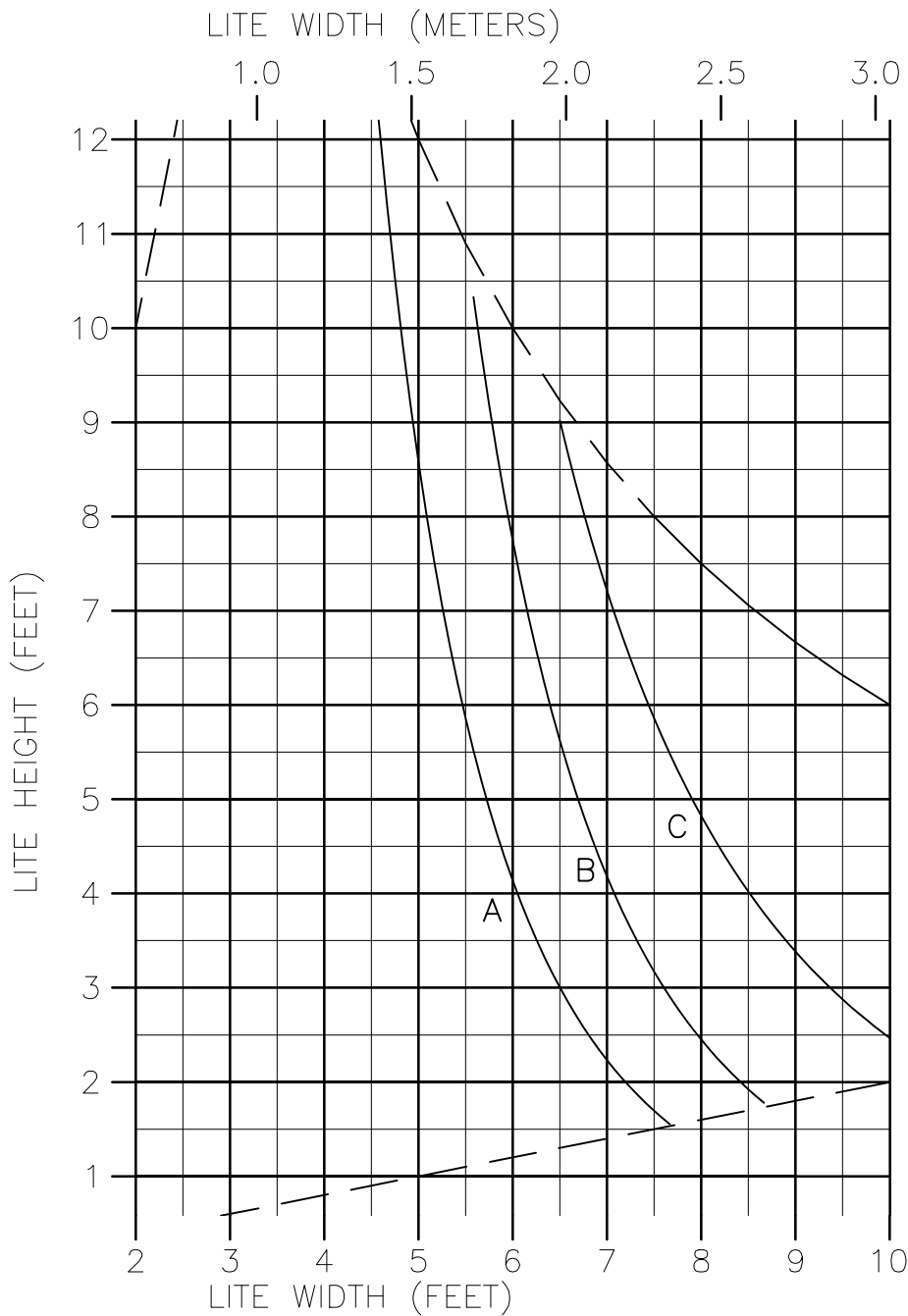
SPAN TYPE

SECTION DESIGNATION

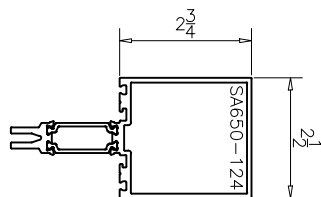
DEFLECTION LIMIT UNDER THE MAIN LOAD (AS PER THE LOAD CHART TYPE)

ALLOY DESIGNATION

ENGINEERING NOTES REGARDING THE LOAD DISTRIBUTION, MAXIMUM EFFECTIVE LENGTHS, REINFORCEMENT FASTENERS, MAXIMUM DESIGN WIND LOADS.




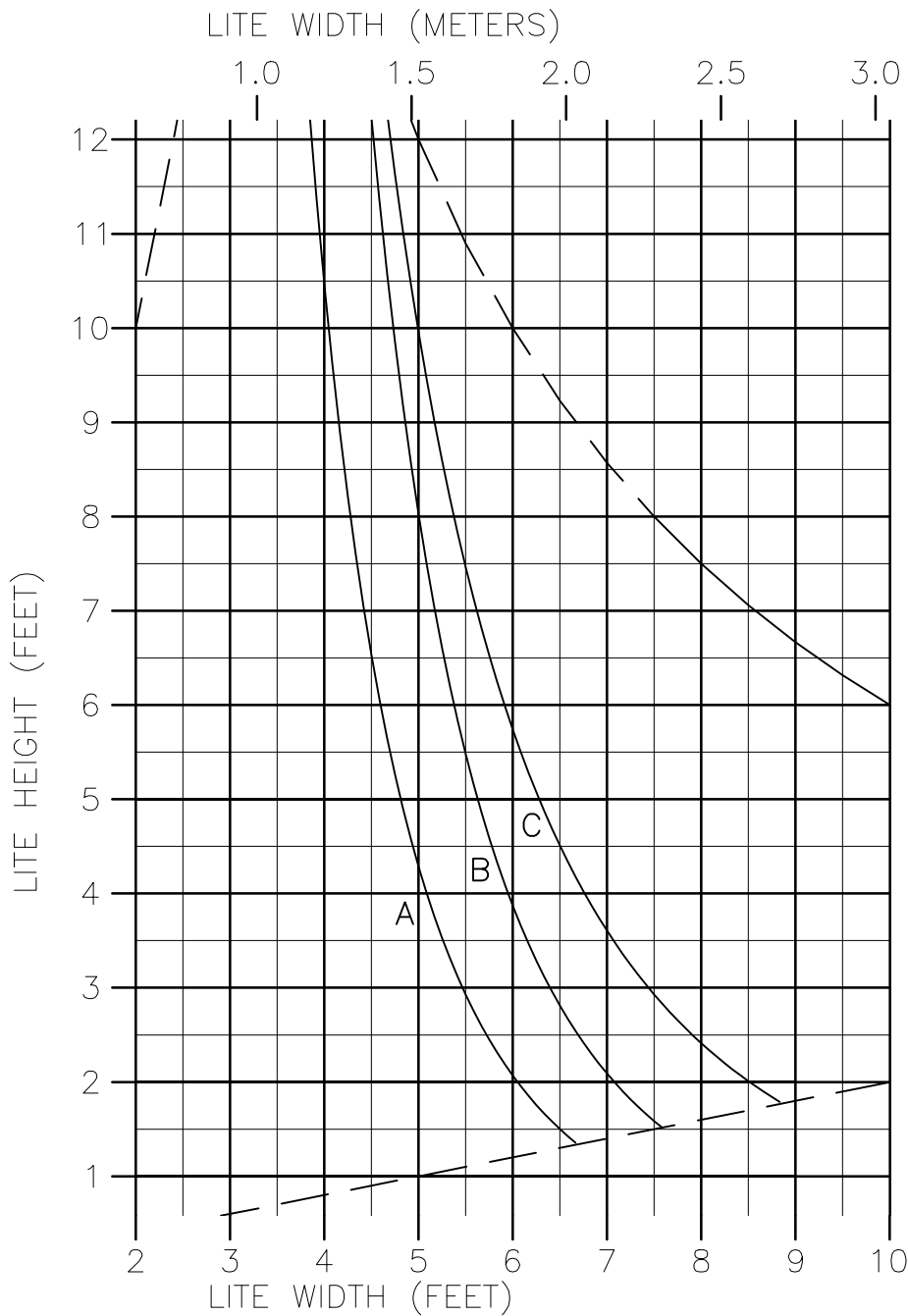
SA650-124
 $I_x = 3.352 \text{ in}^4$
 $S_x = 1.184 \text{ in}^3$
 $I_y = 1.035 \text{ in}^4$
 $S_y = 0.828 \text{ in}^3$



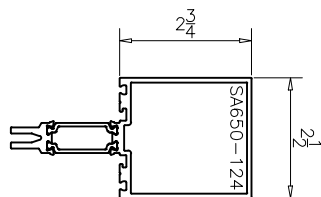
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS (56 psf)
 C = 6" POINTS (39 psf)

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN.
 MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-FIXED LIGHTS		Mar 26, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/8"	SA650124	




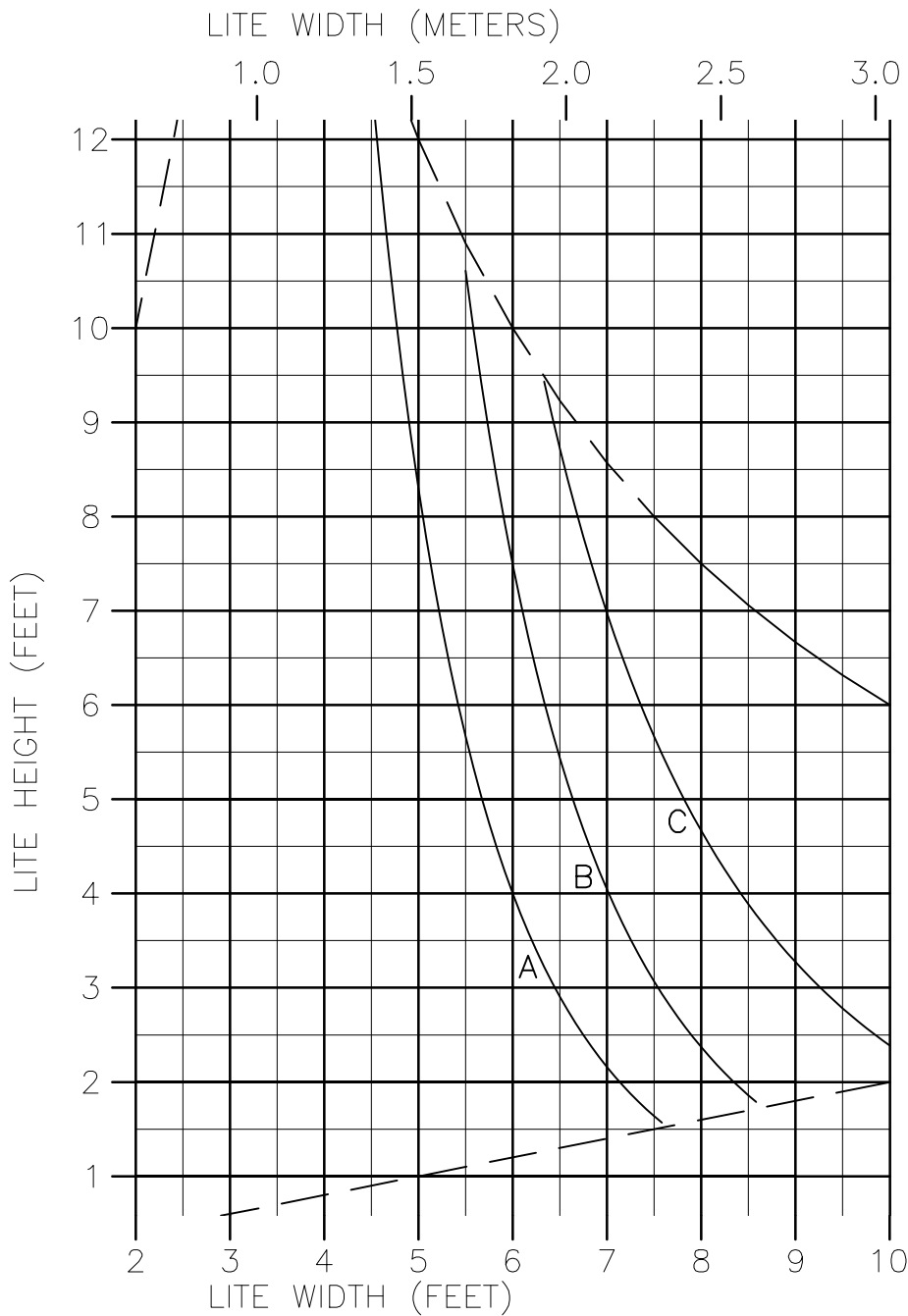
SA650-124
 $I_x = 3.352 \text{ in}^4$
 $S_x = 1.184 \text{ in}^3$
 $I_y = 1.035 \text{ in}^4$
 $S_y = 0.828 \text{ in}^3$



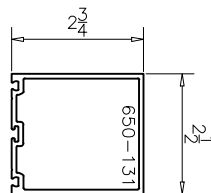
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-OPERABLE LIGHT		Mar 26, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/16"	SA650124	



650-131
 $I_x = 1.214 \text{ in}^4$
 $S_x = 0.817 \text{ in}^3$
 $I_y = 1.001 \text{ in}^4$
 $S_y = 0.801 \text{ in}^3$



1 3/4" IGU (3 1/4")

SETTING BLOCKS AT:

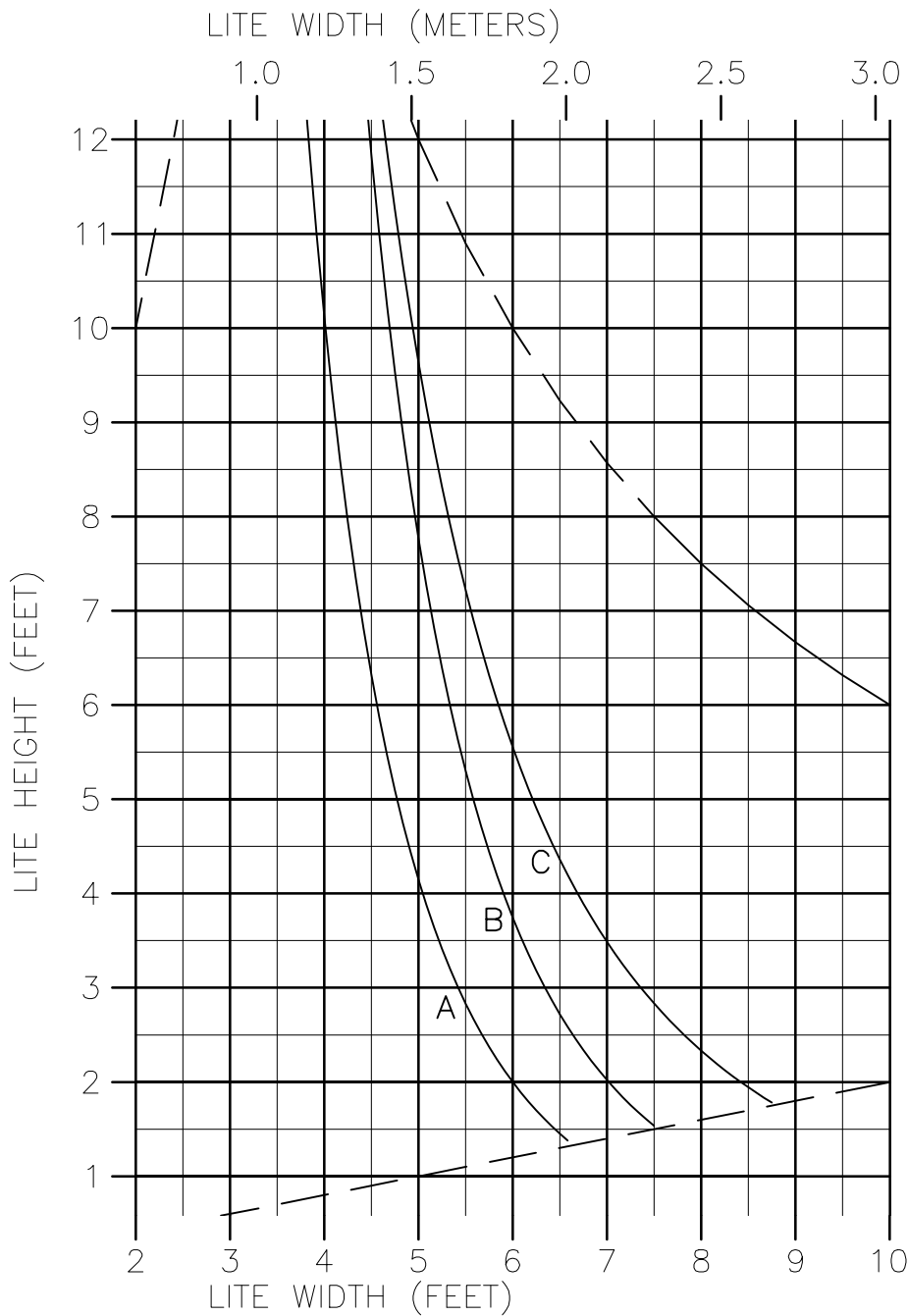
A = 1/4 POINTS (50 psf)

B = 1/8 POINTS (30 psf)

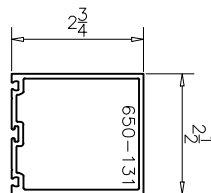
C = 6" POINTS (16 psf)

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-FIXED LIGHTS		Mar 26, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/8"	650131	



650-131
 $I_x = 1.214 \text{ in}^4$
 $S_x = 0.817 \text{ in}^3$
 $I_y = 1.001 \text{ in}^4$
 $S_y = 0.801 \text{ in}^3$



1 3/4" IGU (3 1/4")


SETTING BLOCKS AT:

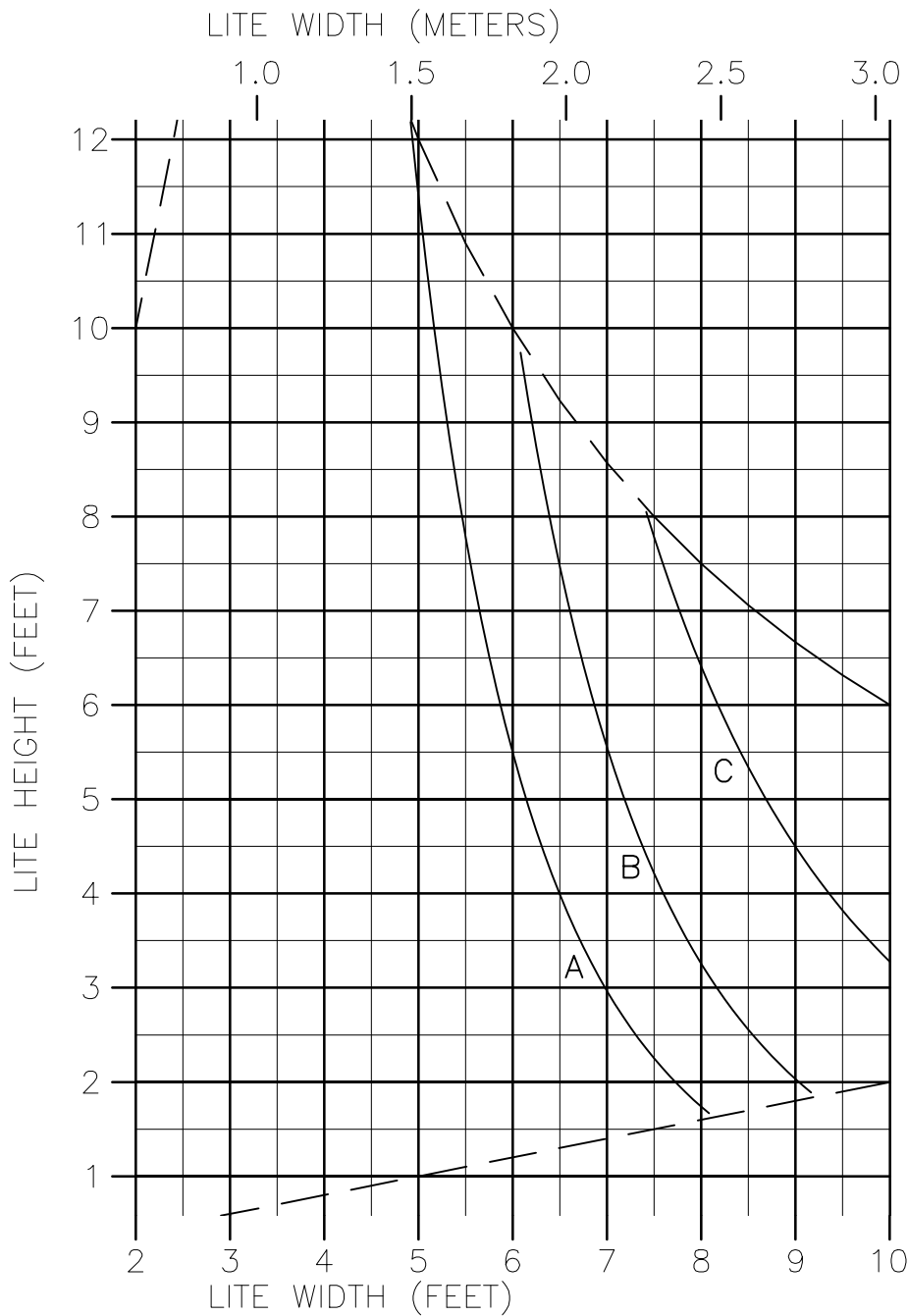
A = 1/4 POINTS

B = 1/8 POINTS (53 psf)

C = 6" POINTS (32 psf)

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-OPERABLE LIGHT		Mar 26, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/16"	650131	



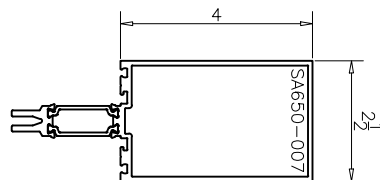
SA650-007

$I_x = 6.224 \text{ in}^4$

$S_x = 1.839 \text{ in}^3$

$I_y = 1.375 \text{ in}^4$

$S_y = 1.100 \text{ in}^3$



1 3/4" IGU (3 1/4")

SETTING BLOCKS AT:

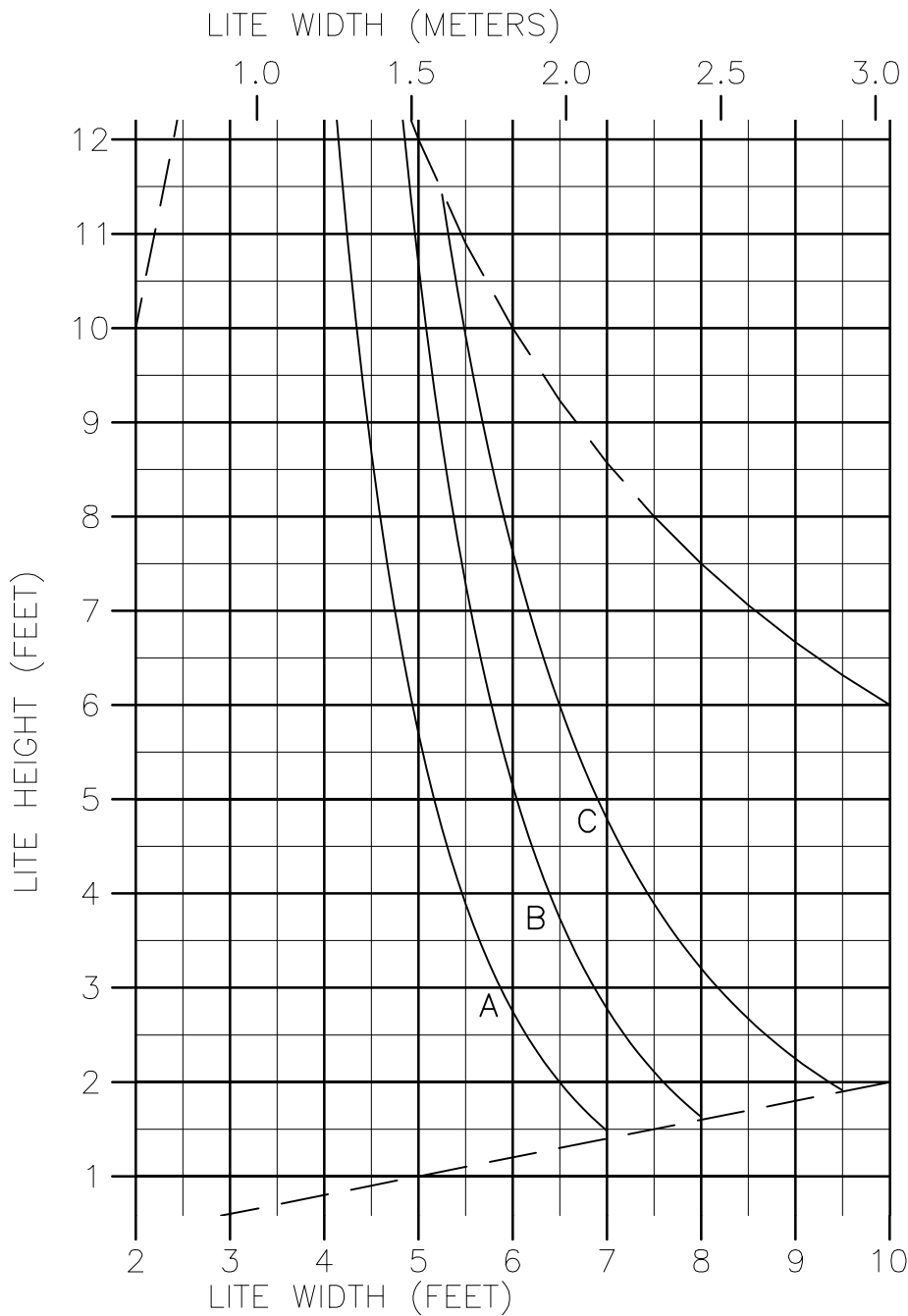
A = 1/4 POINTS

B = 1/8 POINTS

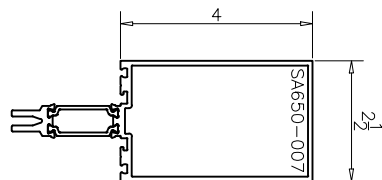
C = 6" POINTS (50 psf)

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-FIXED LIGHTS		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/8"	SA650007	



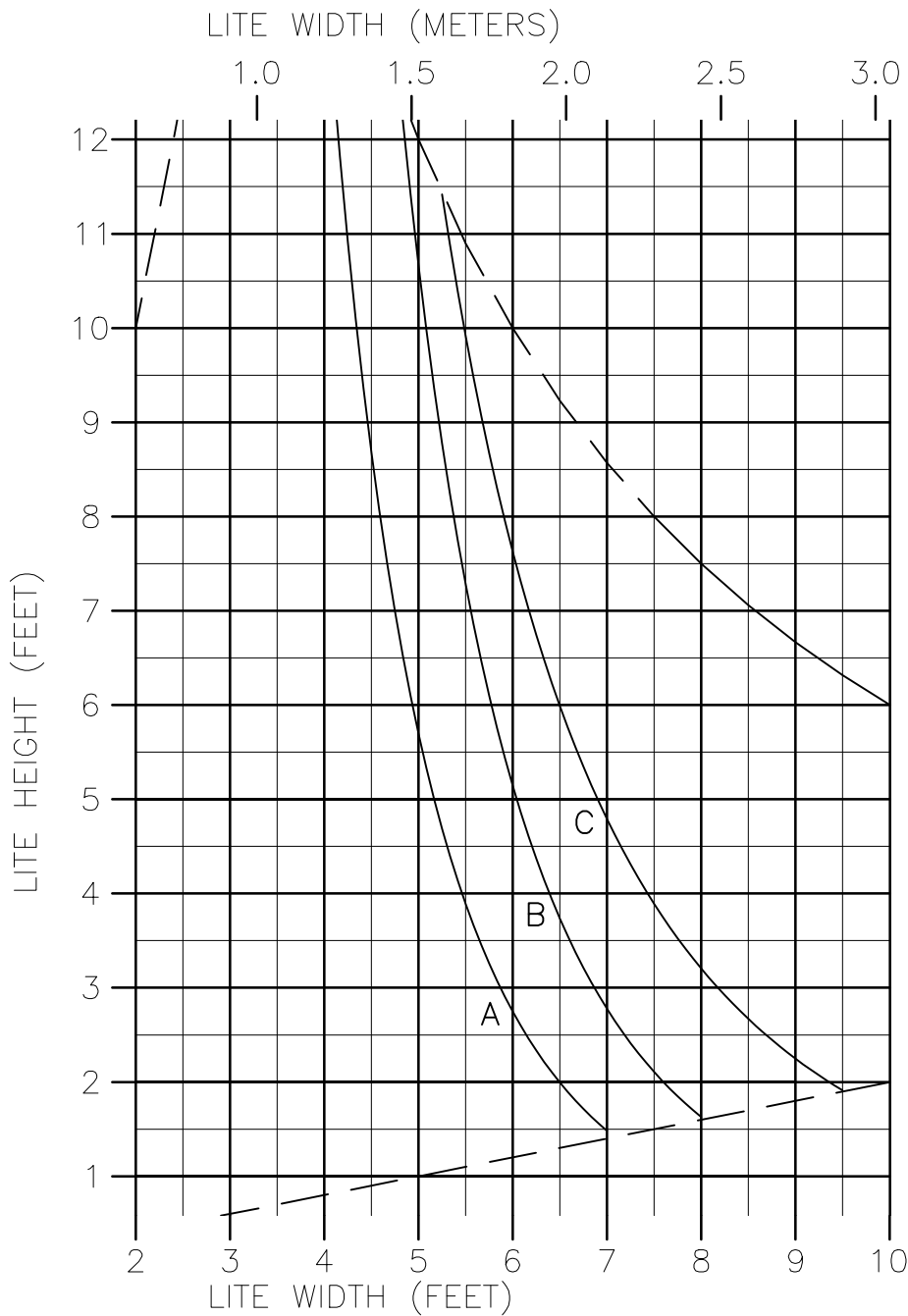
SA650-007
 $I_x = 6.224 \text{ in}^4$
 $S_x = 1.839 \text{ in}^3$
 $I_y = 1.375 \text{ in}^4$
 $S_y = 1.100 \text{ in}^3$



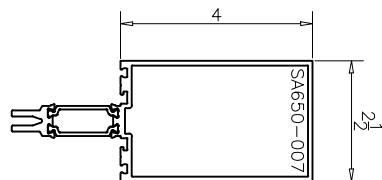
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-OPERABLE LIGHT		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/16"	SA650007	



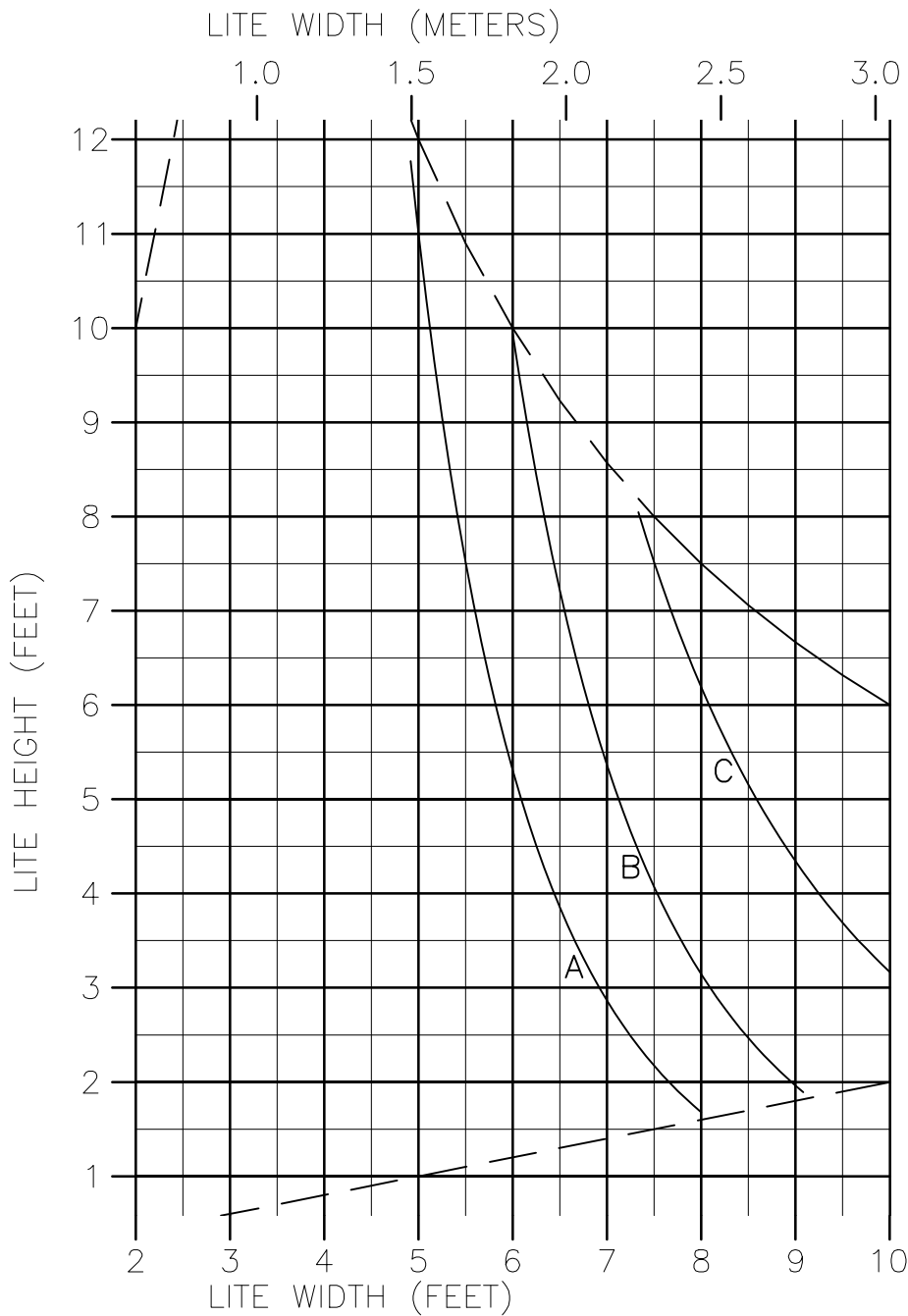
SA650-007
 $I_x = 6.224 \text{ in}^4$
 $S_x = 1.839 \text{ in}^3$
 $I_y = 1.375 \text{ in}^4$
 $S_y = 1.100 \text{ in}^3$



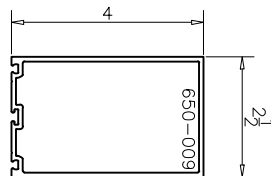
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS (44 psf)

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD, A TRAPEZOIDAL AND A CENTRE POINT WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-DOOR TRANSOM		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/16"	SA650007	



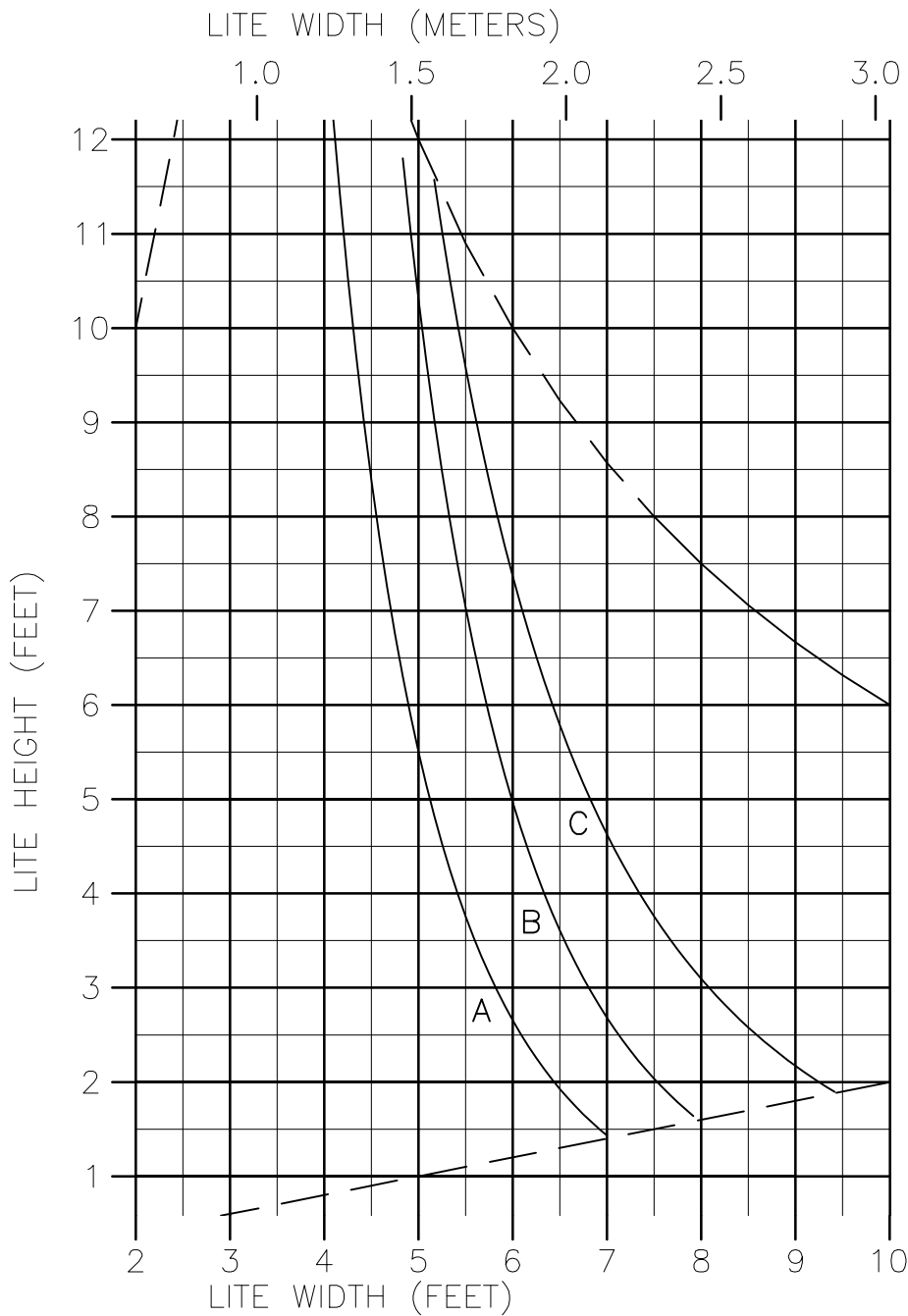
650-009
 $I_x = 2.880 \text{ in}^4$
 $S_x = 1.368 \text{ in}^3$
 $I_y = 1.328 \text{ in}^4$
 $S_y = 1.062 \text{ in}^3$



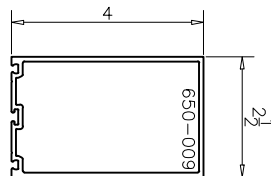
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS (56 psf)
 C = 6" POINTS (29 psf)

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN.
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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-FIXED LIGHTS		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/8"	650009	



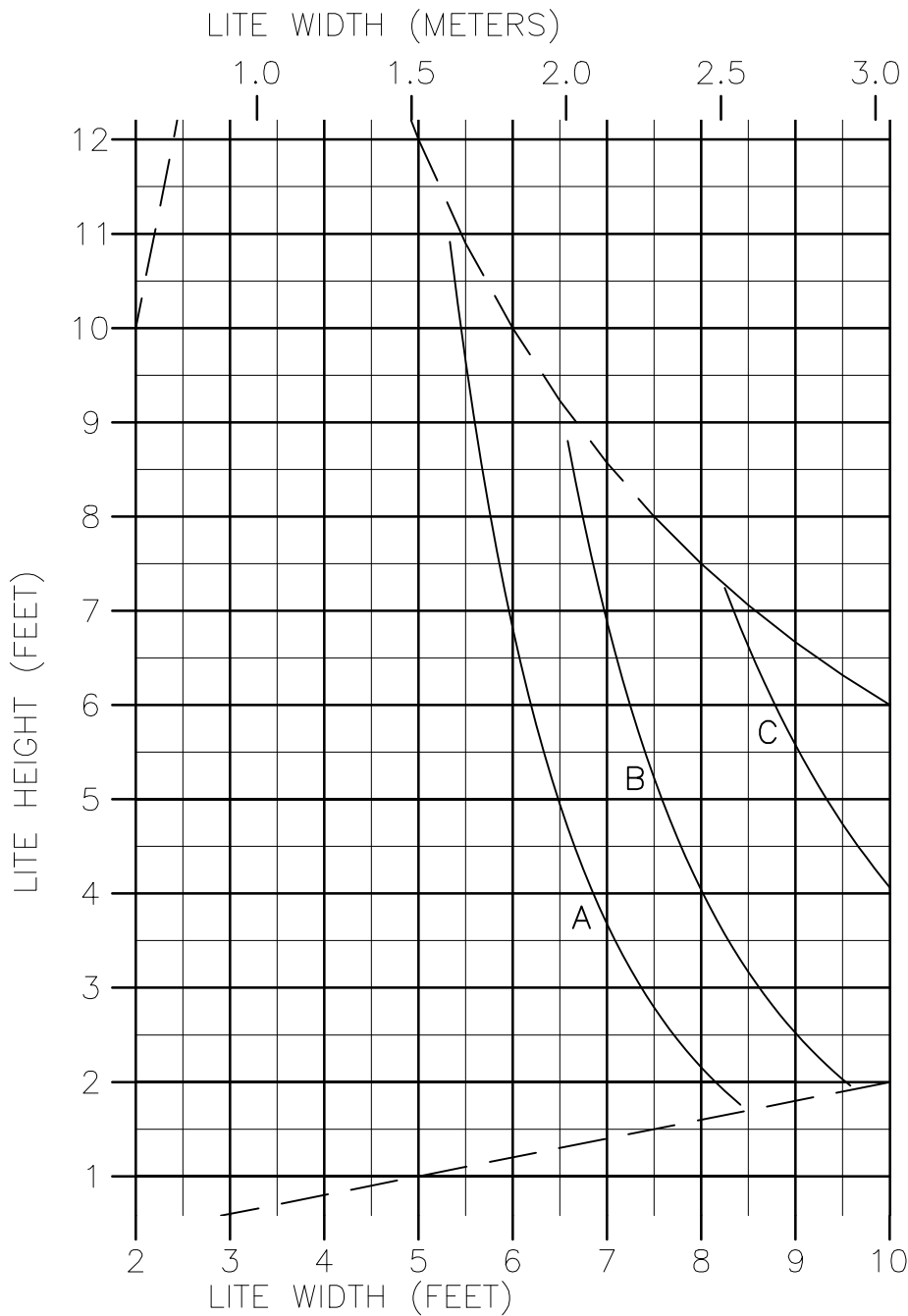
650-009
 $I_x = 2.880 \text{ in}^4$
 $S_x = 1.368 \text{ in}^3$
 $I_y = 1.328 \text{ in}^4$
 $S_y = 1.062 \text{ in}^3$



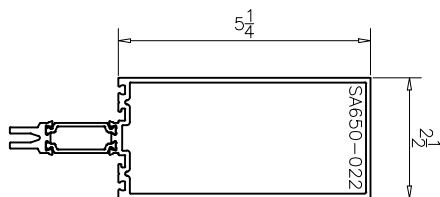
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS (56 psf)

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-OPERABLE LIGHT		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/16"	650009	




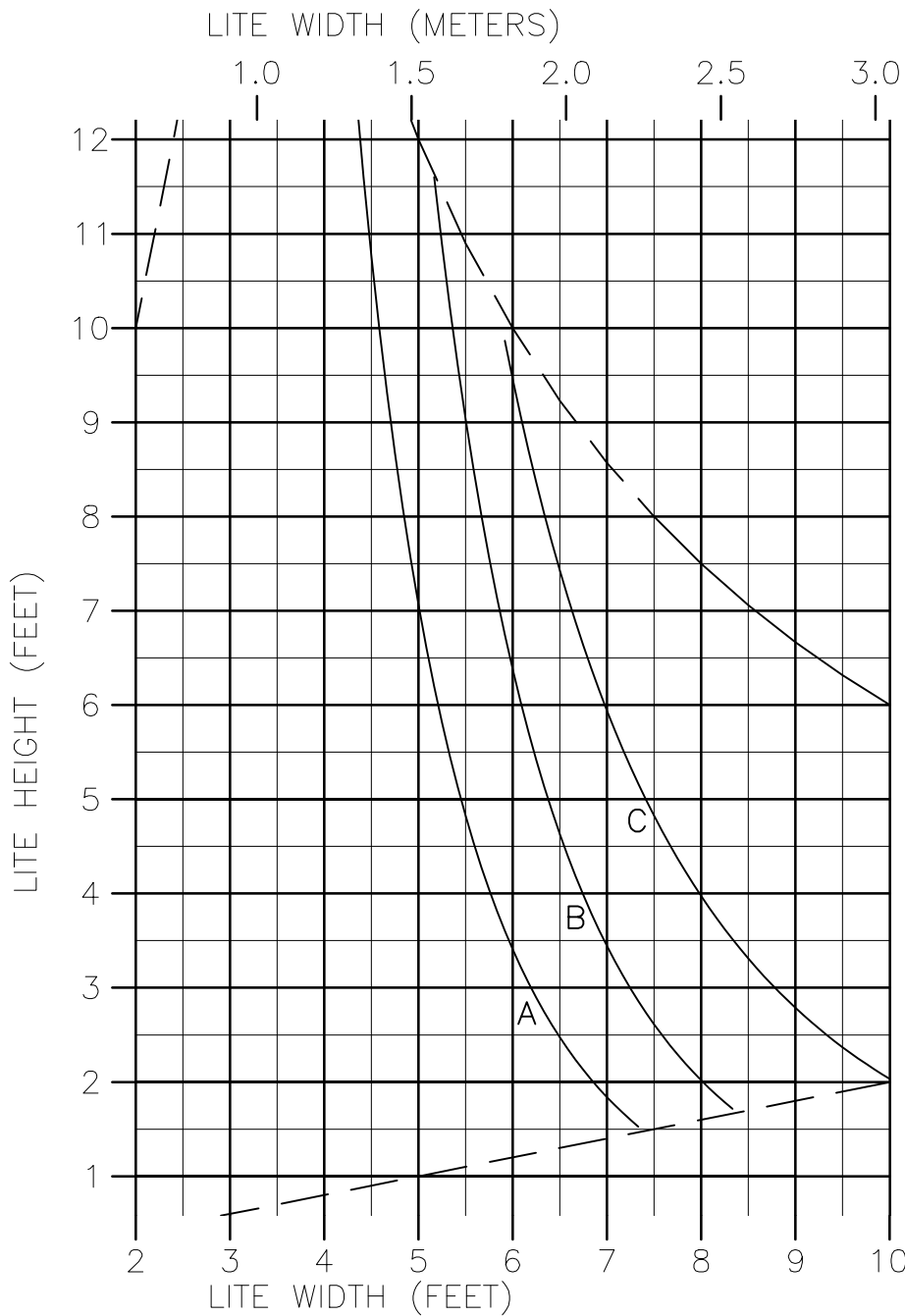
SA650-022
 $I_x = 10.321 \text{ in}^4$
 $S_x = 2.593 \text{ in}^3$
 $I_y = 1.705 \text{ in}^4$
 $S_y = 1.364 \text{ in}^3$



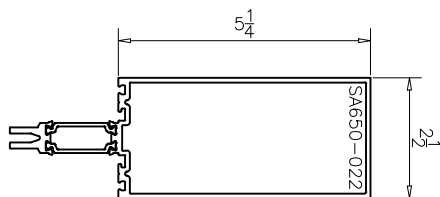
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-FIXED LIGHTS		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/8"	SA650022	



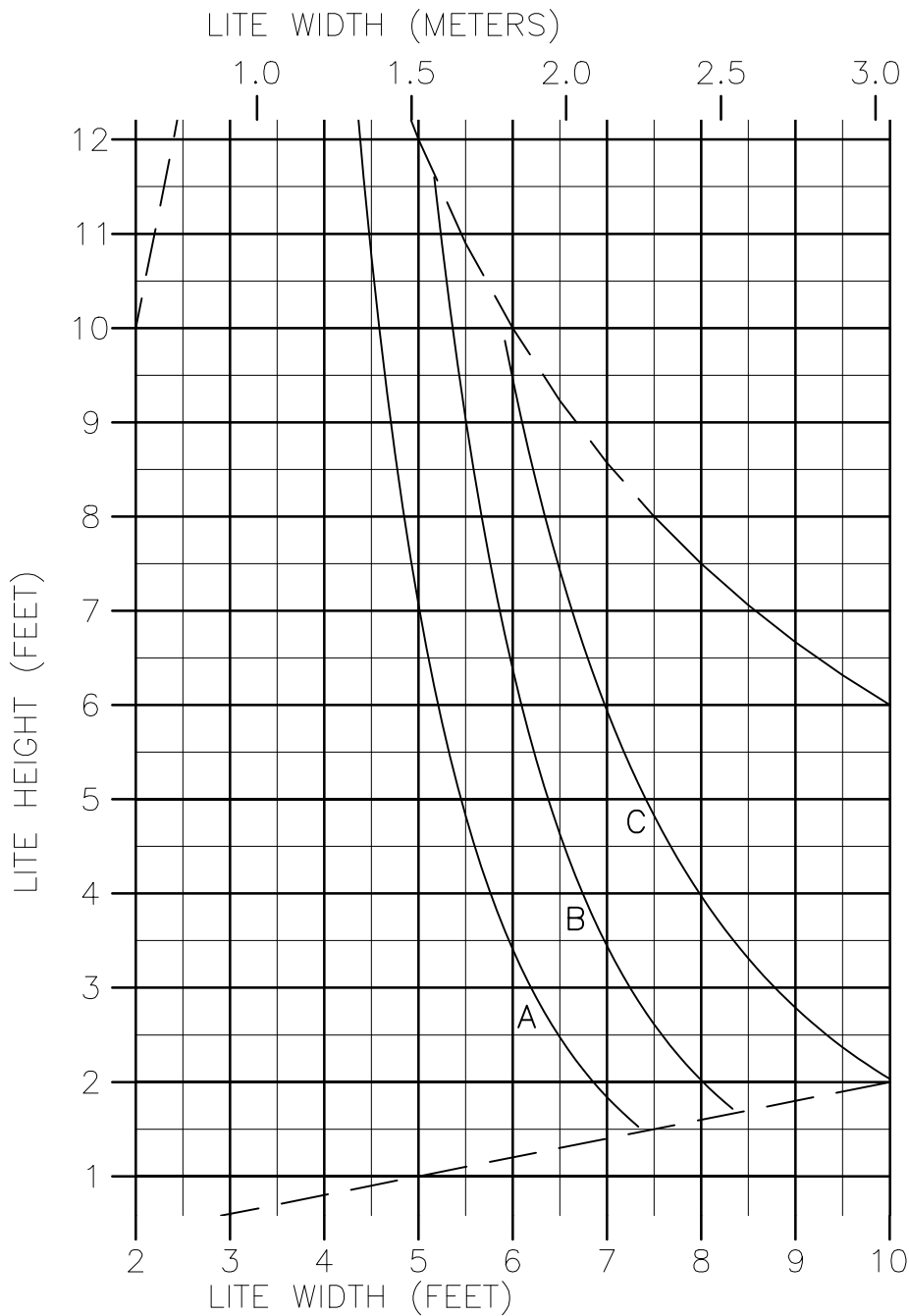
SA650-022
 $I_x = 10.321 \text{ in}^4$
 $S_x = 2.593 \text{ in}^3$
 $I_y = 1.705 \text{ in}^4$
 $S_y = 1.364 \text{ in}^3$



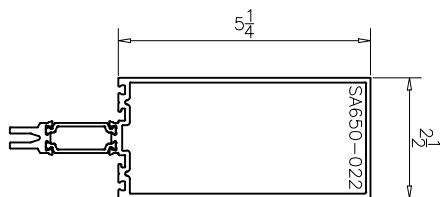
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-OPERABLE LIGHT		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/16"	SA650022	



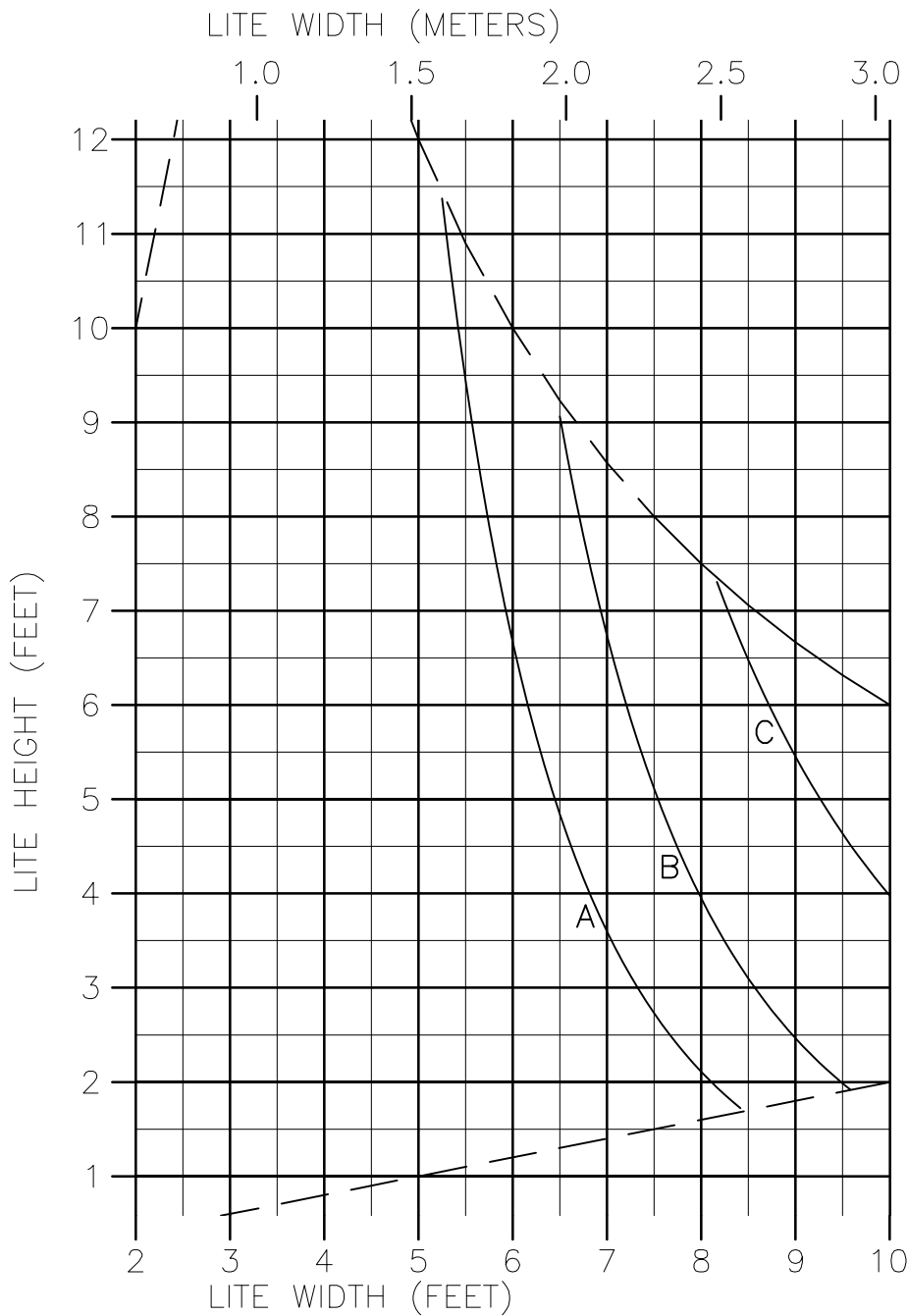
SA650-022
 $I_x = 10.321 \text{ in}^4$
 $S_x = 2.593 \text{ in}^3$
 $I_y = 1.705 \text{ in}^4$
 $S_y = 1.364 \text{ in}^3$



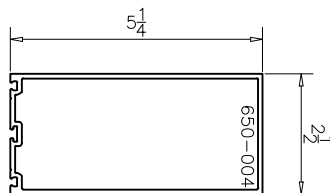
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD, A TRAPEZOIDAL AND A CENTRE POINT WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-DOOR TRANSOM		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/16"	SA650022	



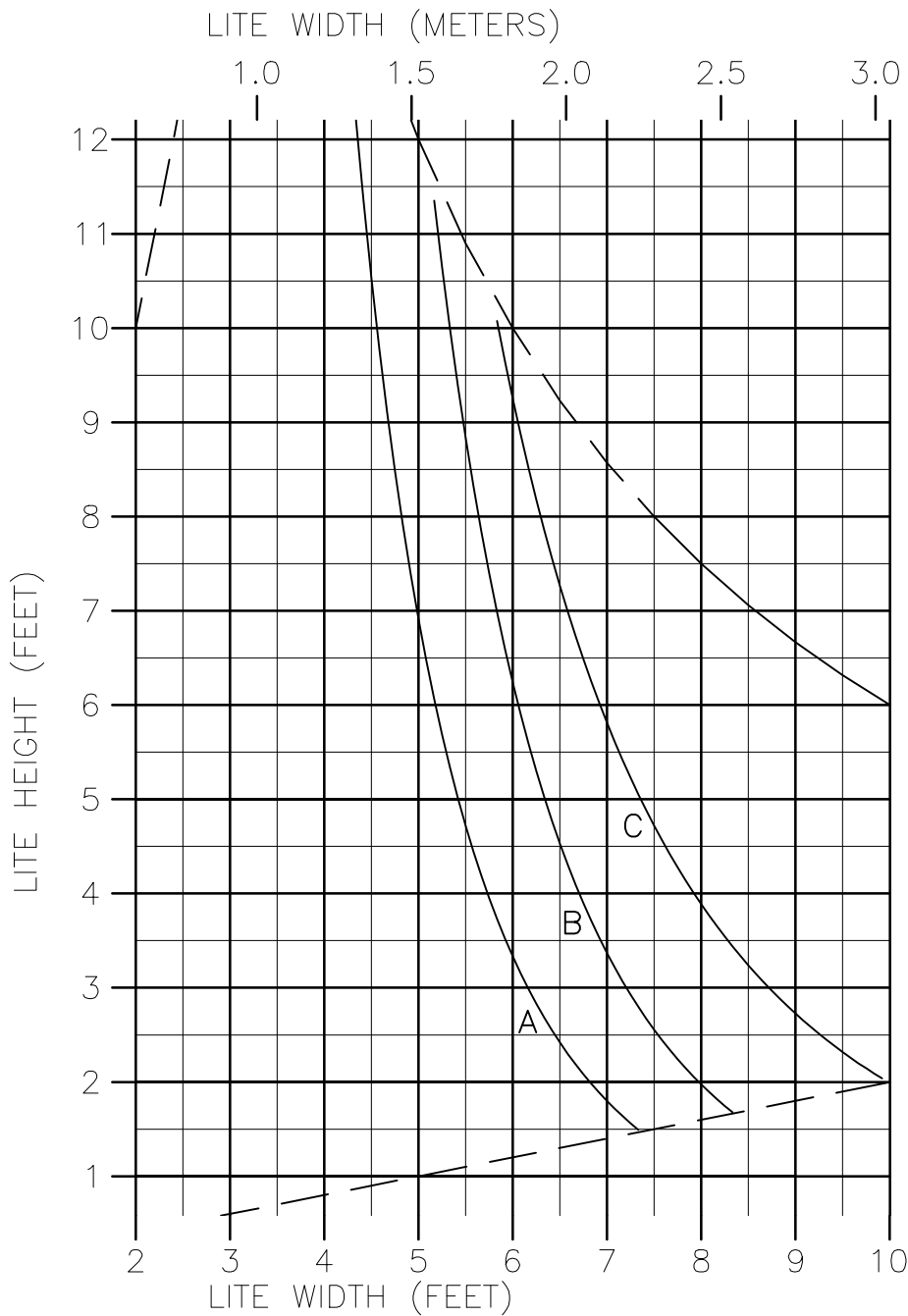
650-004
 $I_x = 5.565 \text{ in}^4$
 $S_x = 2.027 \text{ in}^3$
 $I_y = 1.668 \text{ in}^4$
 $S_y = 1.335 \text{ in}^3$



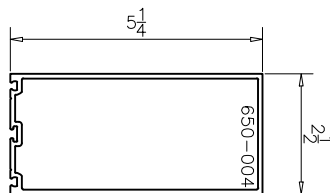
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS (46 psf)

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN.
 MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-FIXED LIGHTS		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/8"	650004	




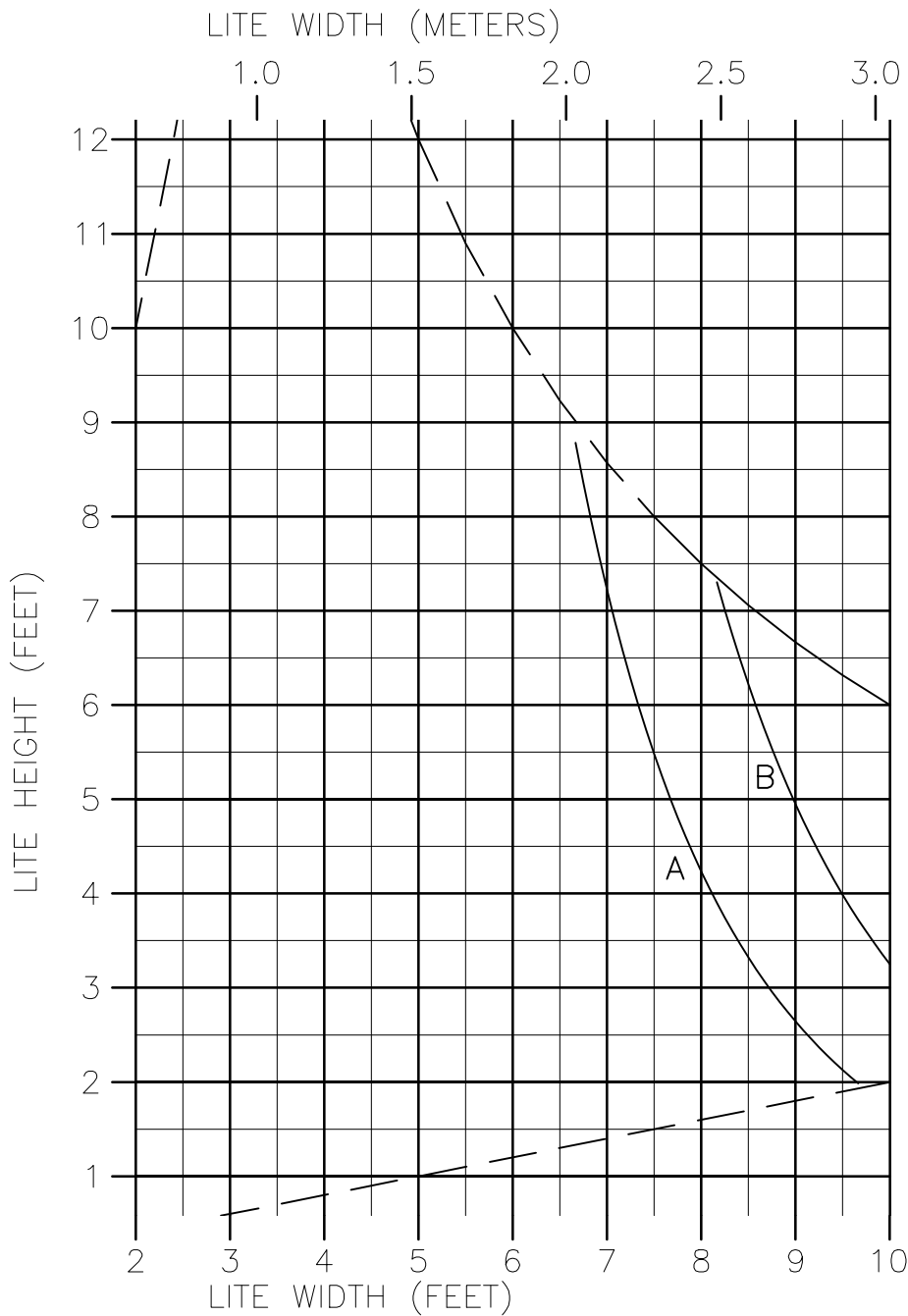
650-004
 $I_x = 5.565 \text{ in}^4$
 $S_x = 2.027 \text{ in}^3$
 $I_y = 1.668 \text{ in}^4$
 $S_y = 1.335 \text{ in}^3$



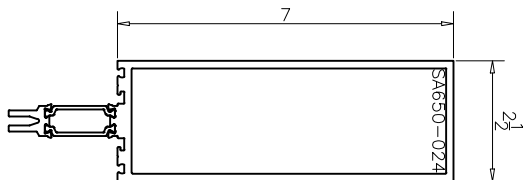
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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SPAN TYPE:		DATE PREPARED:	
SIMPLE-OPERABLE LIGHT		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/16"	650004	



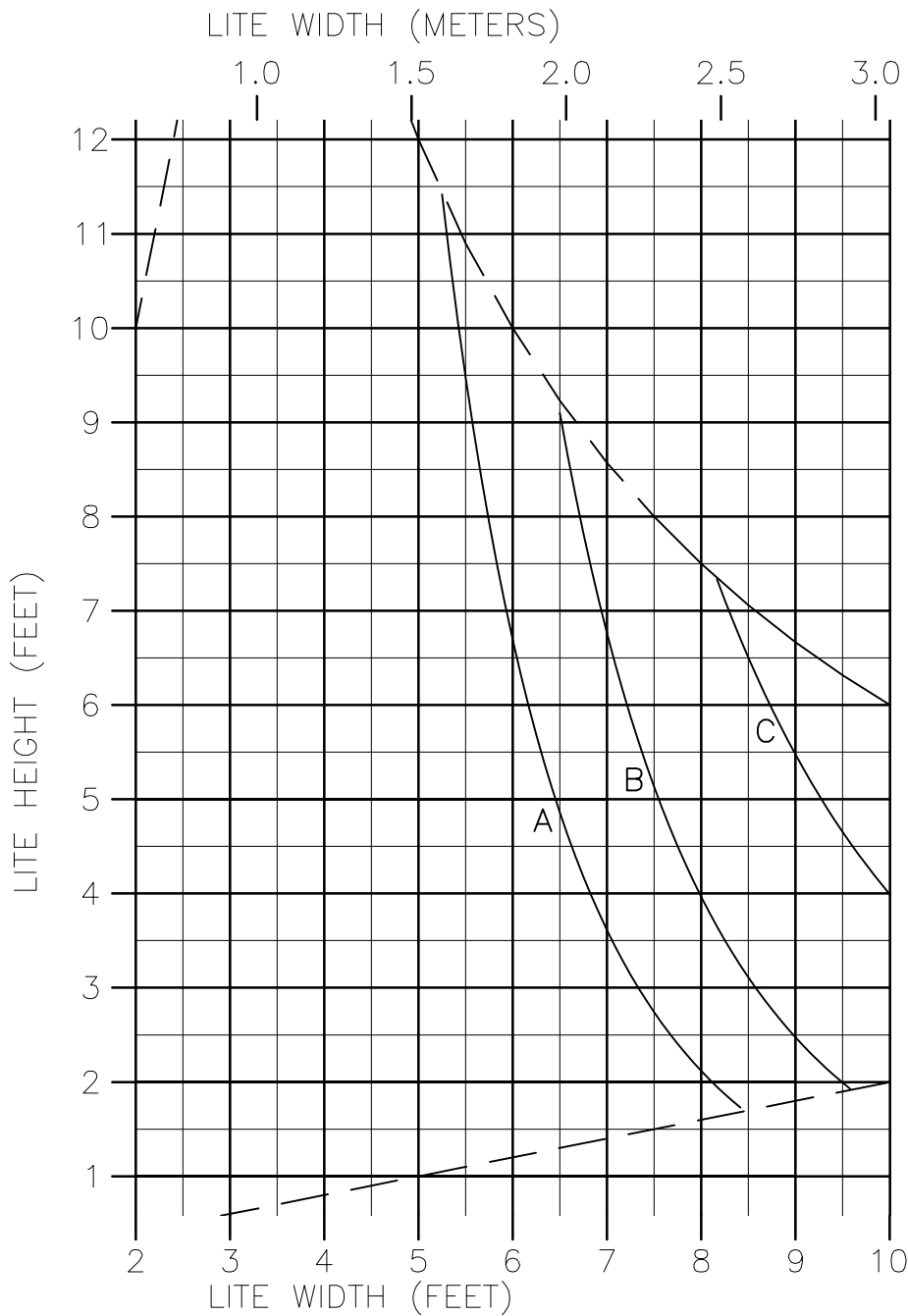
SA650-024
 $I_x = 26.191 \text{ in}^4$
 $S_x = 5.176 \text{ in}^3$
 $I_y = 3.349 \text{ in}^4$
 $S_y = 2.679 \text{ in}^3$



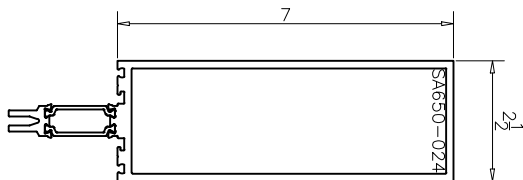
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN.
 MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-FIXED LIGHTS		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/8"	SA650024	




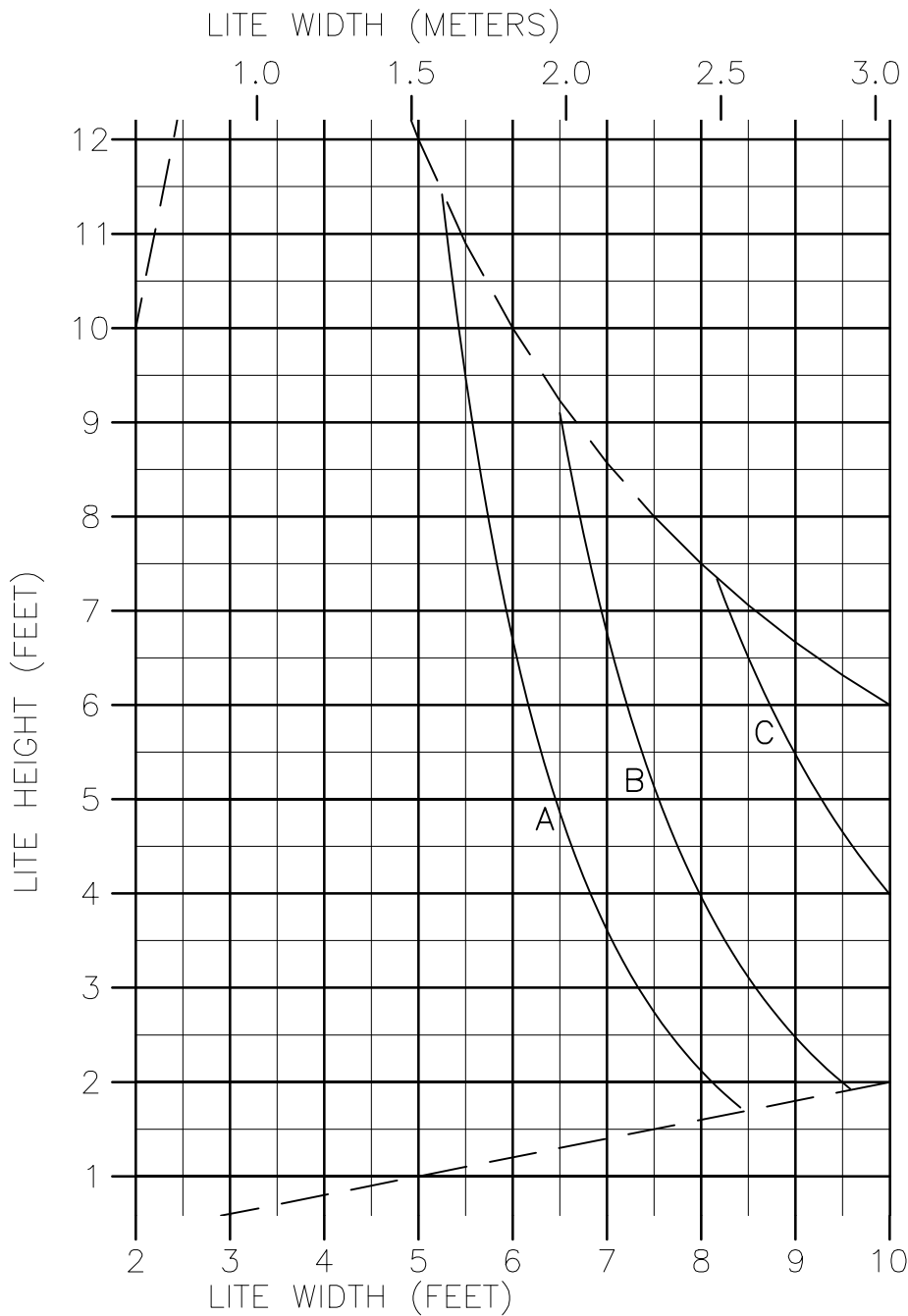
SA650-024
 $I_x = 26.191 \text{ in}^4$
 $S_x = 5.176 \text{ in}^3$
 $I_y = 3.349 \text{ in}^4$
 $S_y = 2.679 \text{ in}^3$



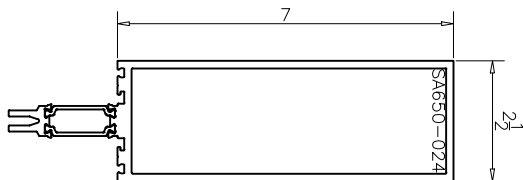
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-OPERABLE LIGHT		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/16"	SA650024	




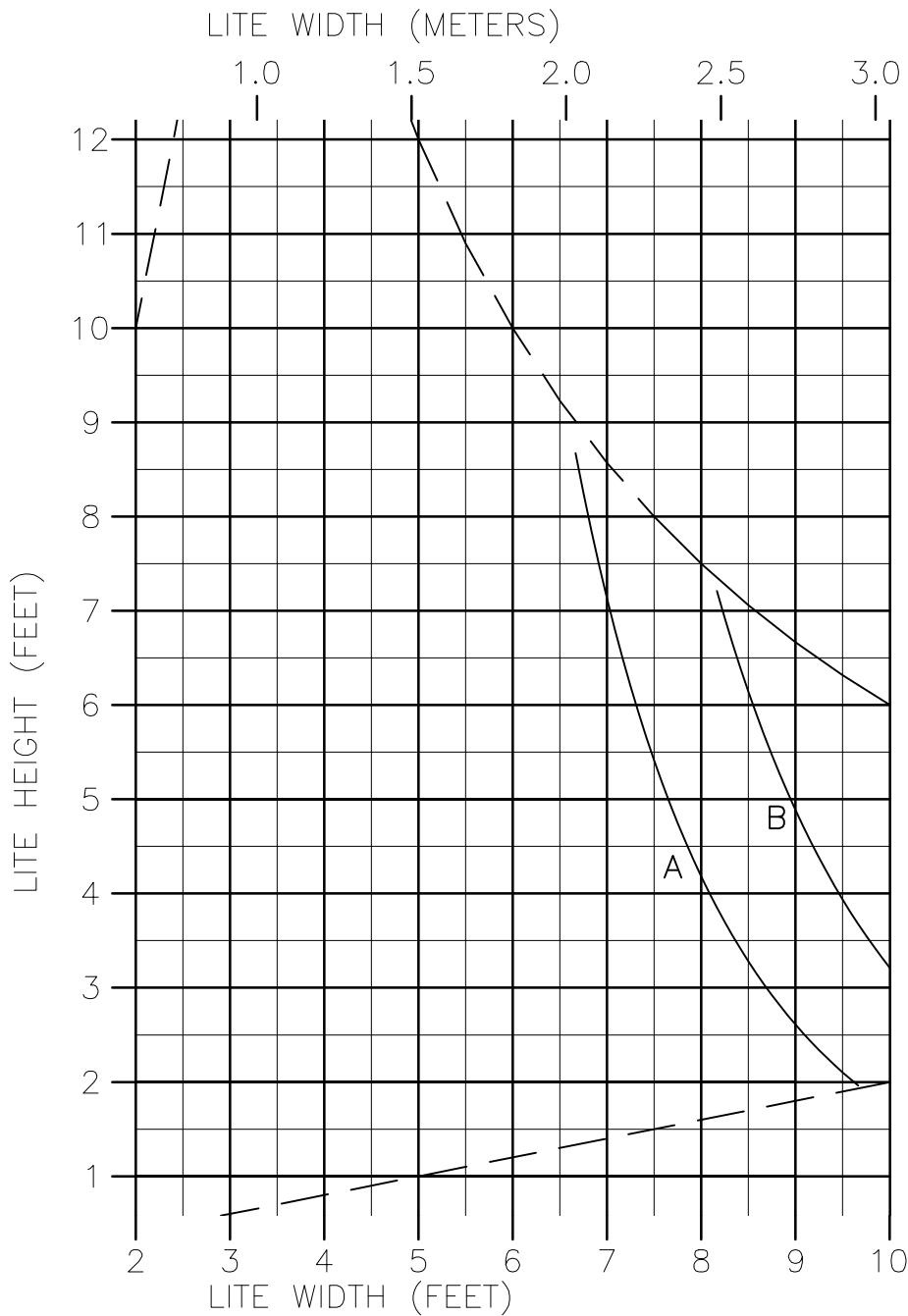
SA650-024
 $I_x = 26.191 \text{ in}^4$
 $S_x = 5.176 \text{ in}^3$
 $I_y = 3.349 \text{ in}^4$
 $S_y = 2.679 \text{ in}^3$



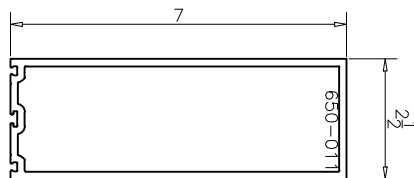
1 3/4" IGU (3_1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS (53 psf)
 C = 6" POINTS (33 psf)

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD, A TRAPEZOIDAL AND A CENTRE POINT WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-DOOR TRANSOM		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/16"	SA650024	21



650-011
 $I_x = 17.626 \text{ in}^4$
 $S_x = 4.923 \text{ in}^3$
 $I_y = 3.307 \text{ in}^4$
 $S_y = 2.645 \text{ in}^3$




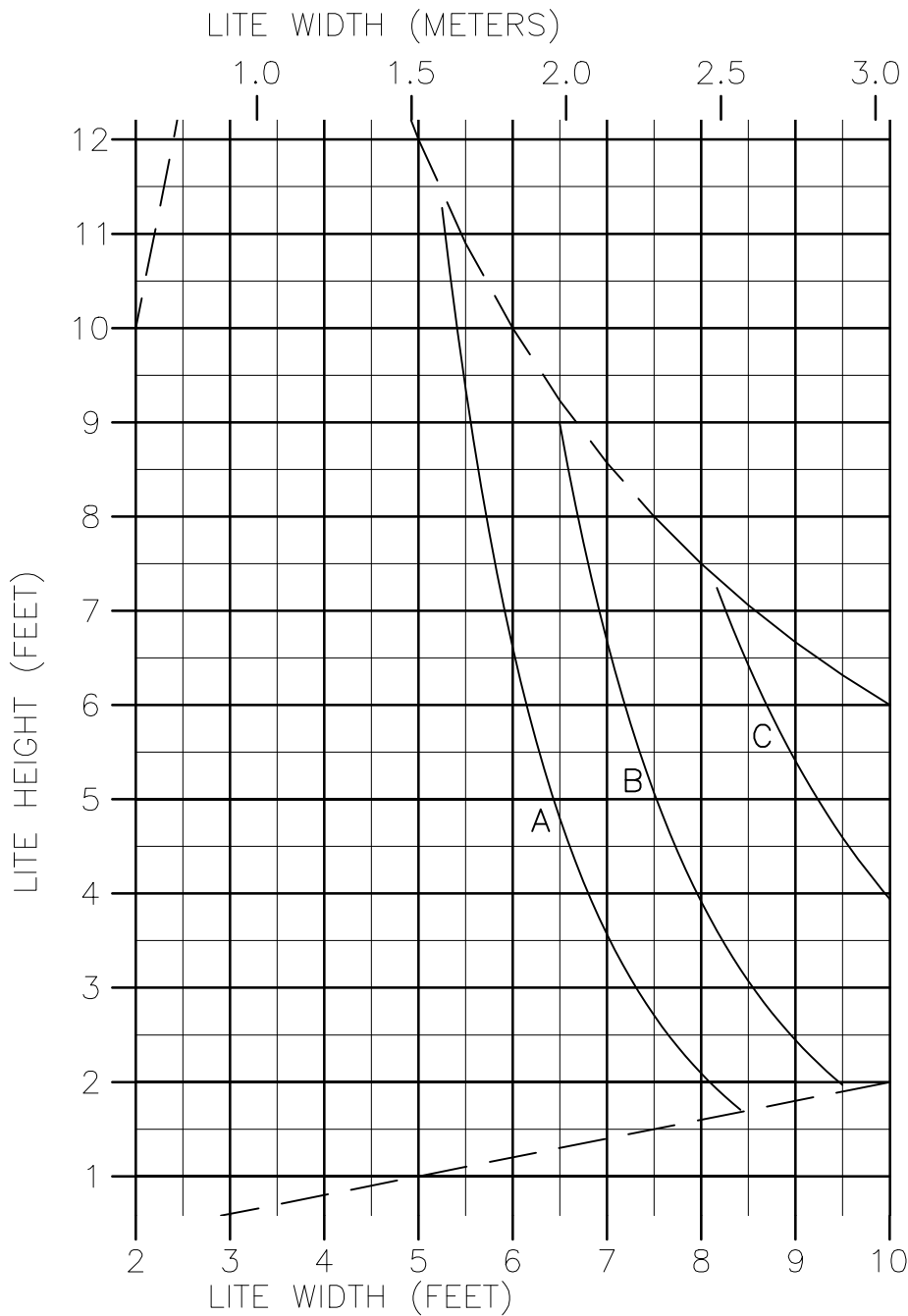
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:

A = 1/4 POINTS

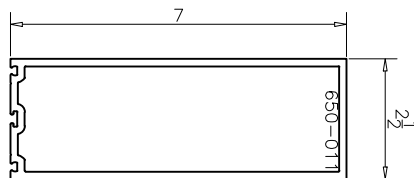
B = 1/8 POINTS

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN.
 MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-FIXED LIGHTS		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/8"	650011	



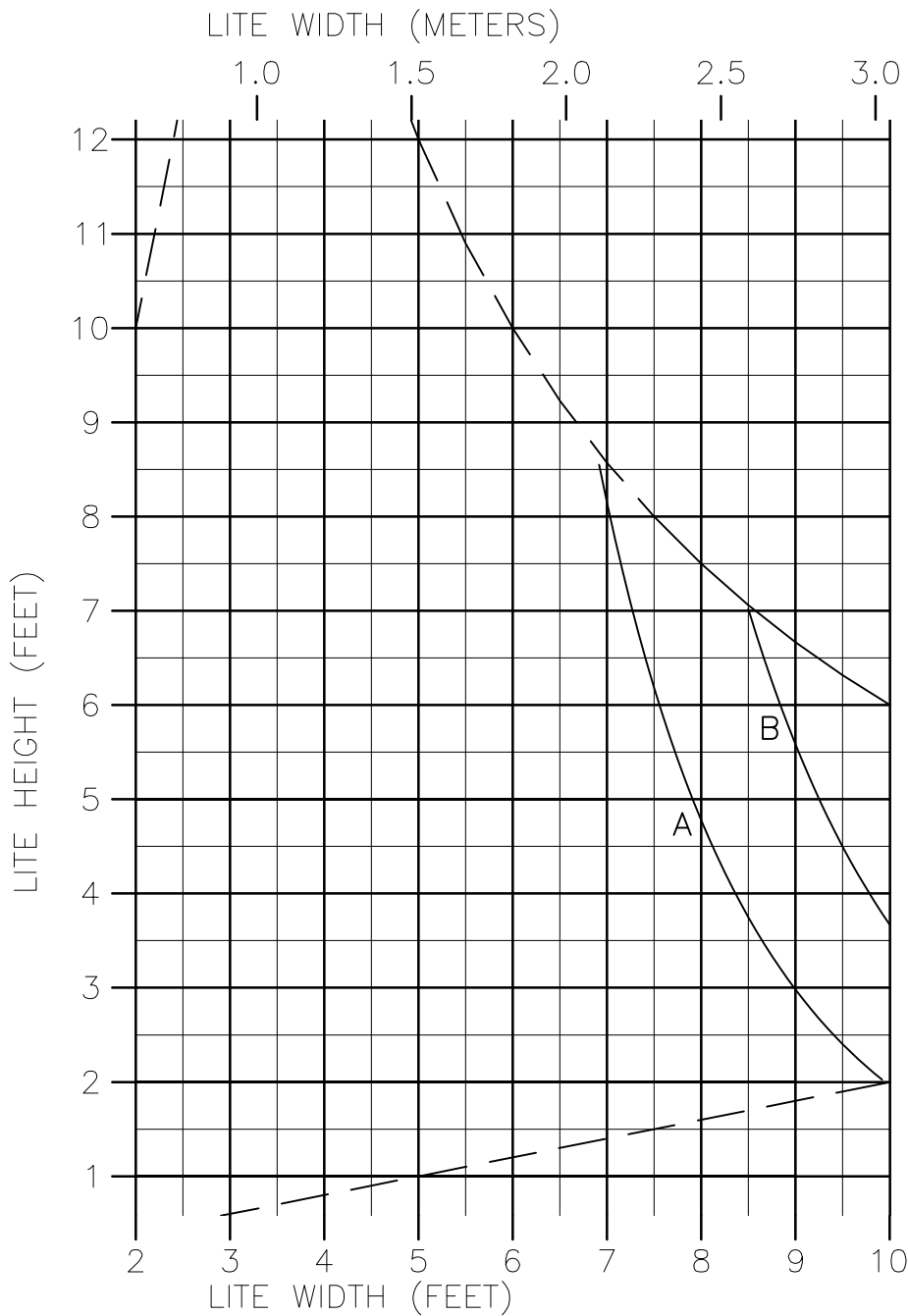
650-011
 $I_x = 17.626 \text{ in}^4$
 $S_x = 4.923 \text{ in}^3$
 $I_y = 3.307 \text{ in}^4$
 $S_y = 2.645 \text{ in}^3$



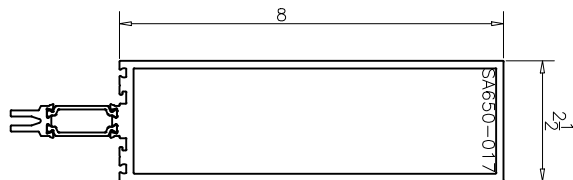
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS (50 psf)

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-OPERABLE LIGHT		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/16"	650011	



SA650-017
 $I_x = 35.403 \text{ in}^4$
 $S_x = 6.386 \text{ in}^3$
 $I_y = 3.778 \text{ in}^4$
 $S_y = 3.023 \text{ in}^3$




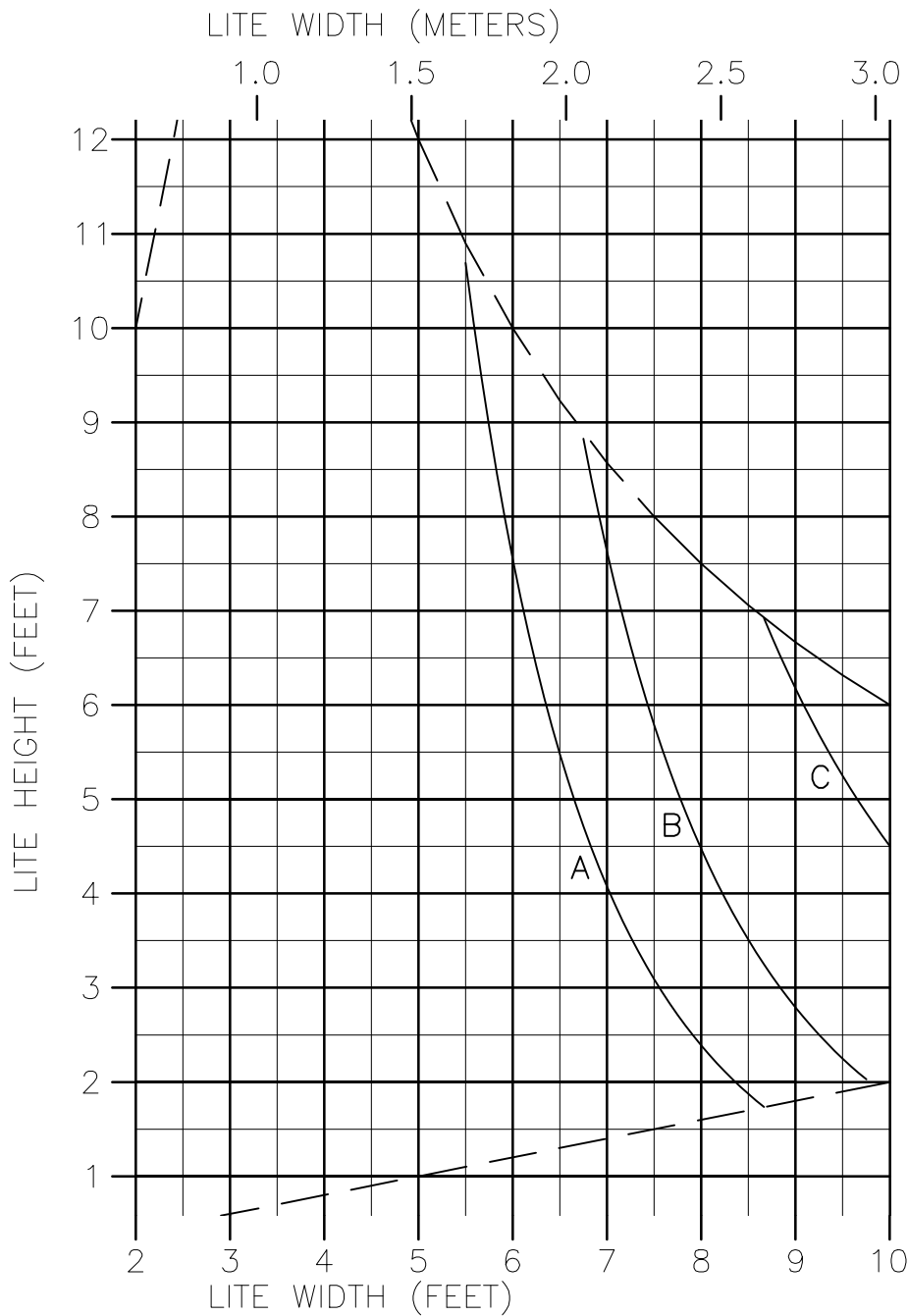
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:

A = 1/4 POINTS

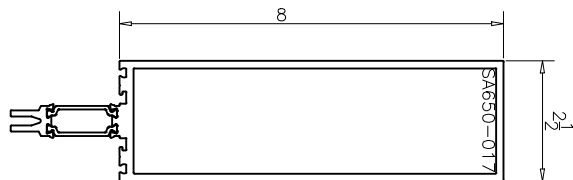
B = 1/8 POINTS

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-FIXED LIGHTS		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/8"	SA650017	



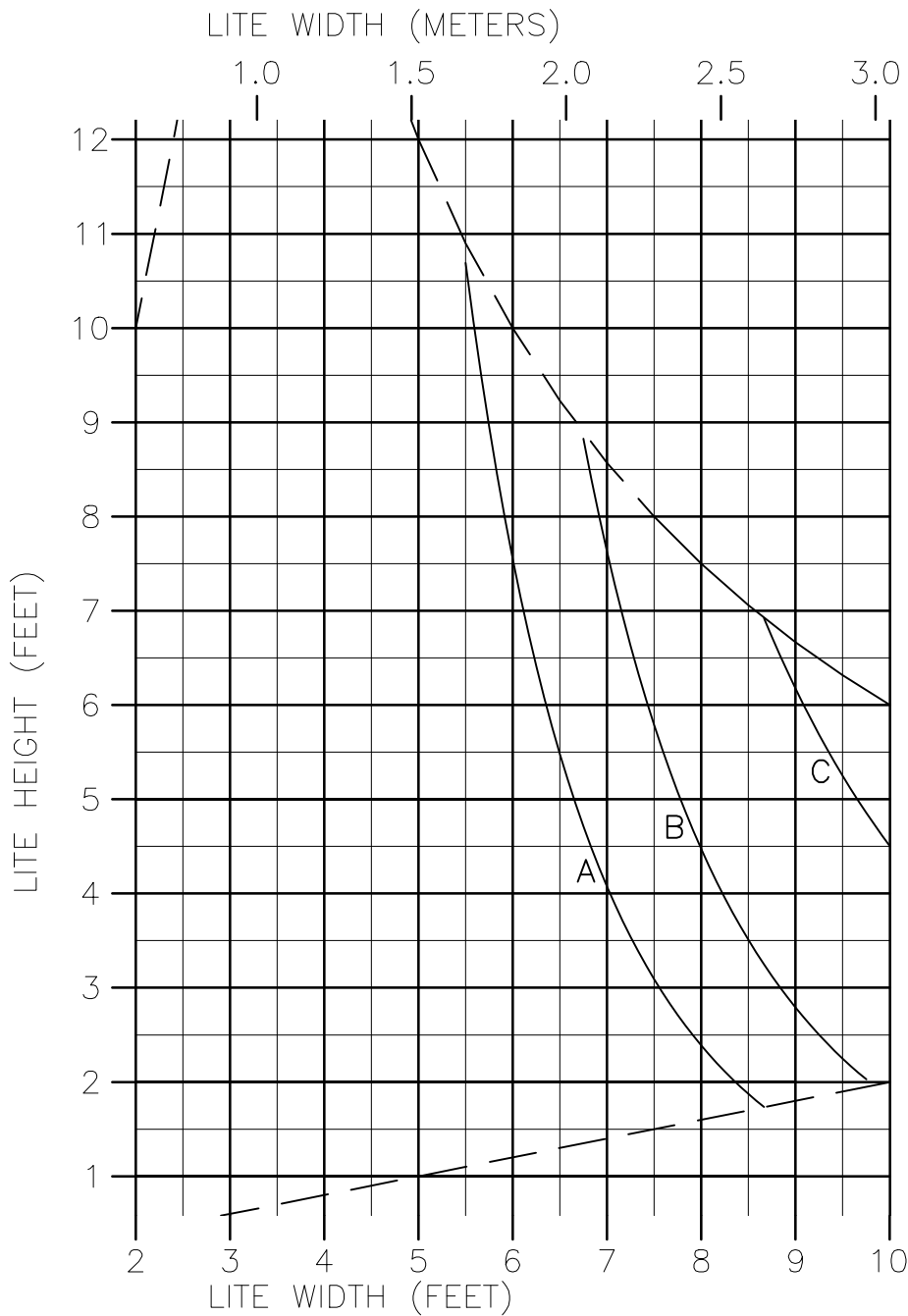
SA650-017
 $I_x = 35.403 \text{ in}^4$
 $S_x = 6.386 \text{ in}^3$
 $I_y = 3.778 \text{ in}^4$
 $S_y = 3.023 \text{ in}^3$



1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-OPERABLE LIGHT		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/16"	SA650017	



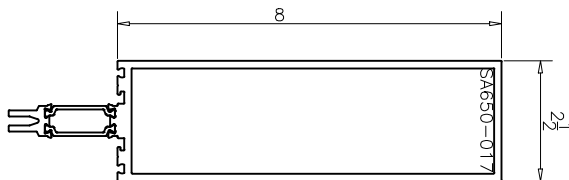
SA650-017

$I_x = 35.403 \text{ in}^4$

$S_x = 6.386 \text{ in}^3$

$I_y = 3.778 \text{ in}^4$

$S_y = 3.023 \text{ in}^3$



1 3/4" IGU (3 1/4")


SETTING BLOCKS AT:

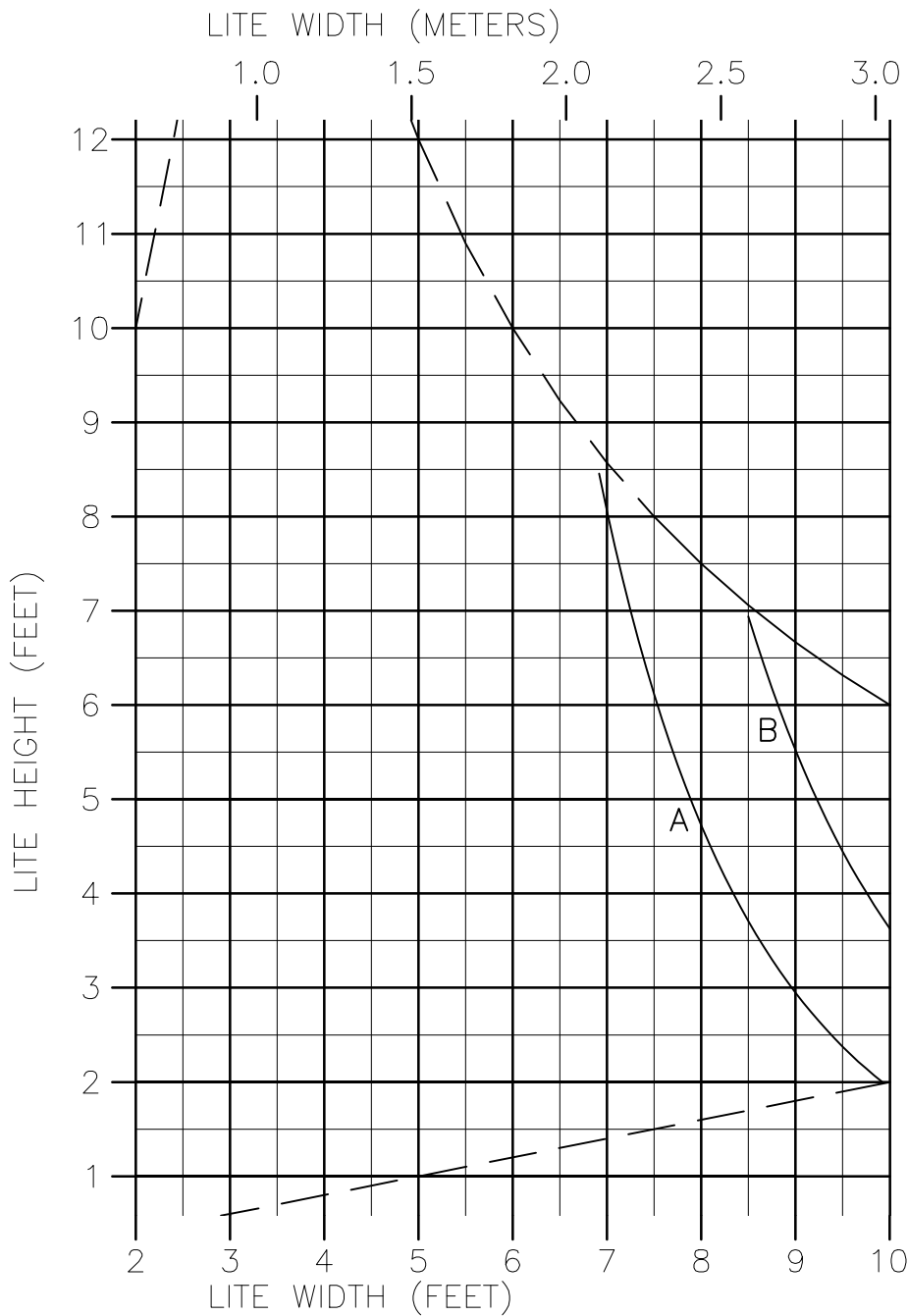
A = 1/4 POINTS

B = 1/8 POINTS

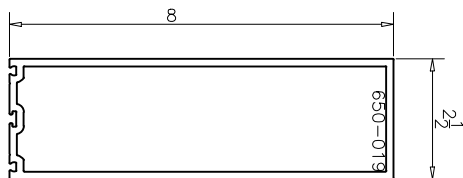
C = 6" POINTS

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD, A TRAPEZOIDAL AND A CENTRE POINT WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-DOOR TRANSOM		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/16"	SA650017	



650-019
 $I_x = 24.777 \text{ in}^4$
 $S_x = 6.067 \text{ in}^3$
 $I_y = 3.736 \text{ in}^4$
 $S_y = 2.989 \text{ in}^3$




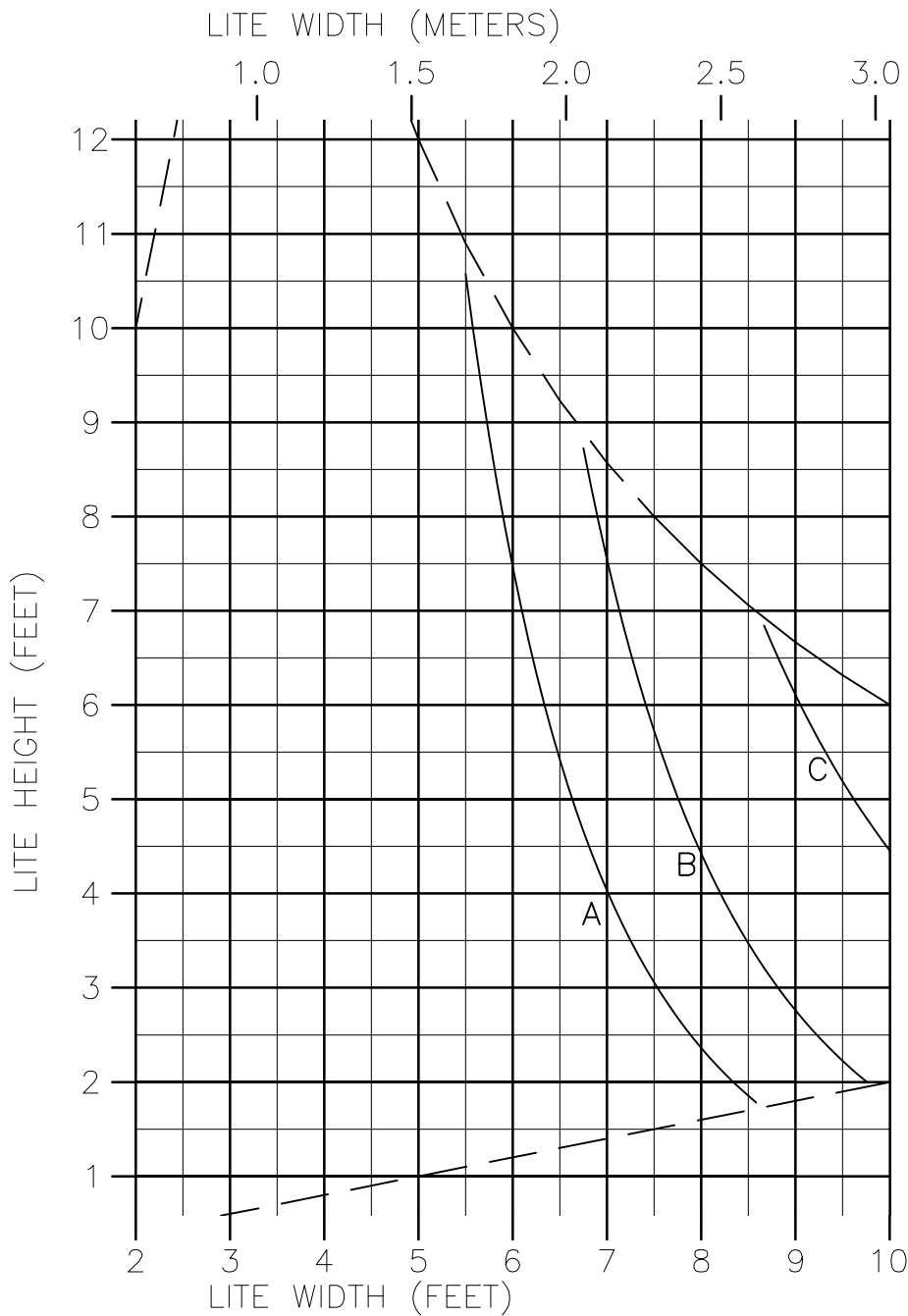
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:

A = 1/4 POINTS

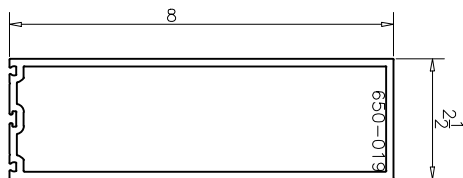
B = 1/8 POINTS

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-FIXED LIGHTS		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/8"	650019	



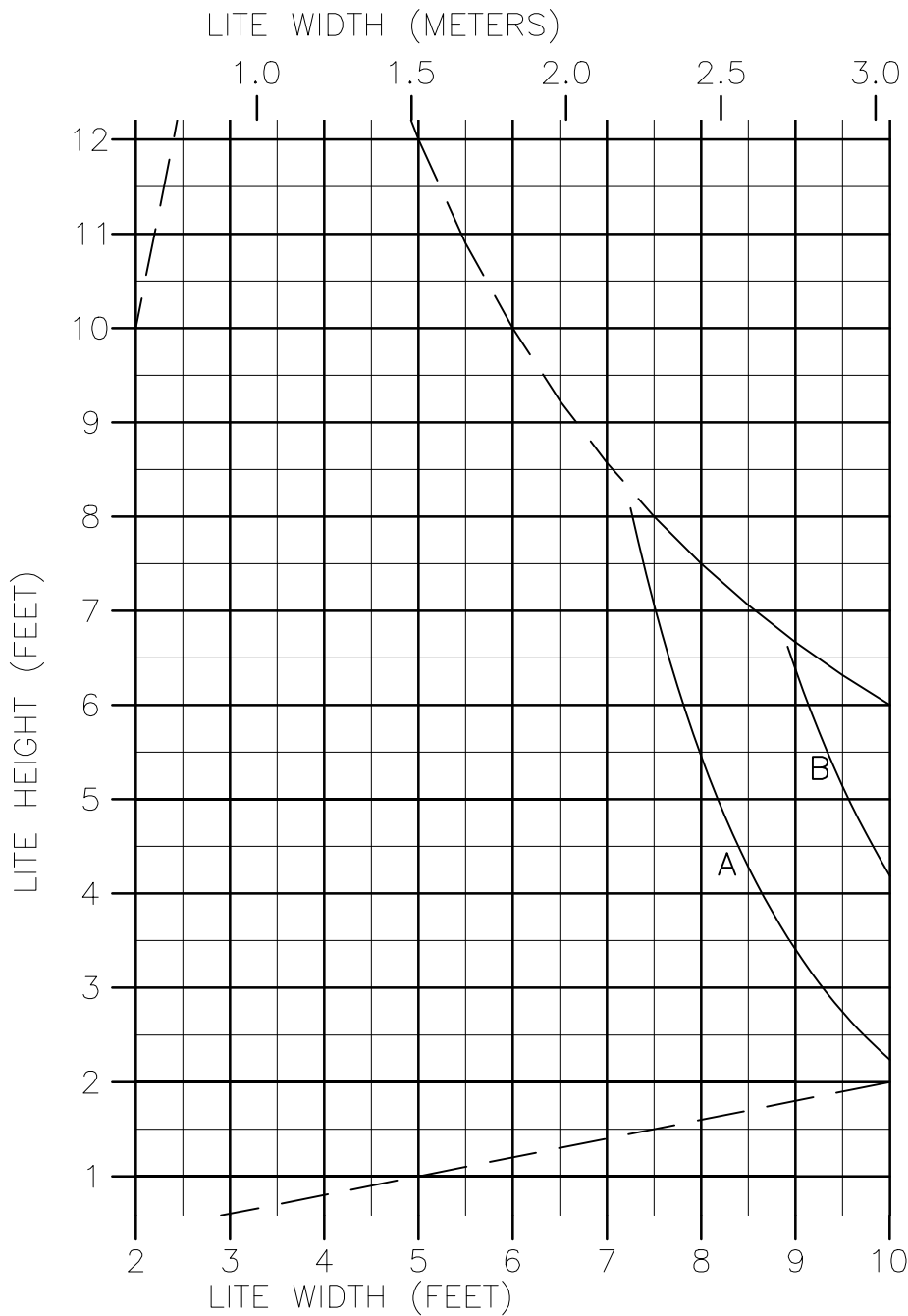
650-019
 $I_x = 24.777 \text{ in}^4$
 $S_x = 6.067 \text{ in}^3$
 $I_y = 3.736 \text{ in}^4$
 $S_y = 2.989 \text{ in}^3$



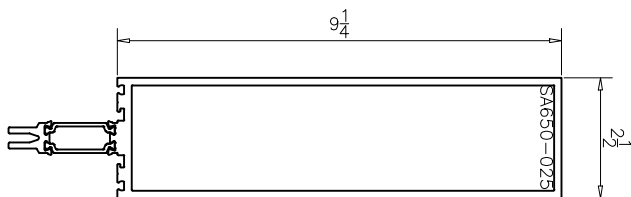
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS (50 psf)

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN.
 MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-OPERABLE LIGHT		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/16"	650019	



SA650-025
 $I_x = 49.566 \text{ in}^4$
 $S_x = 8.056 \text{ in}^3$
 $I_y = 4.315 \text{ in}^4$
 $S_y = 3.452 \text{ in}^3$




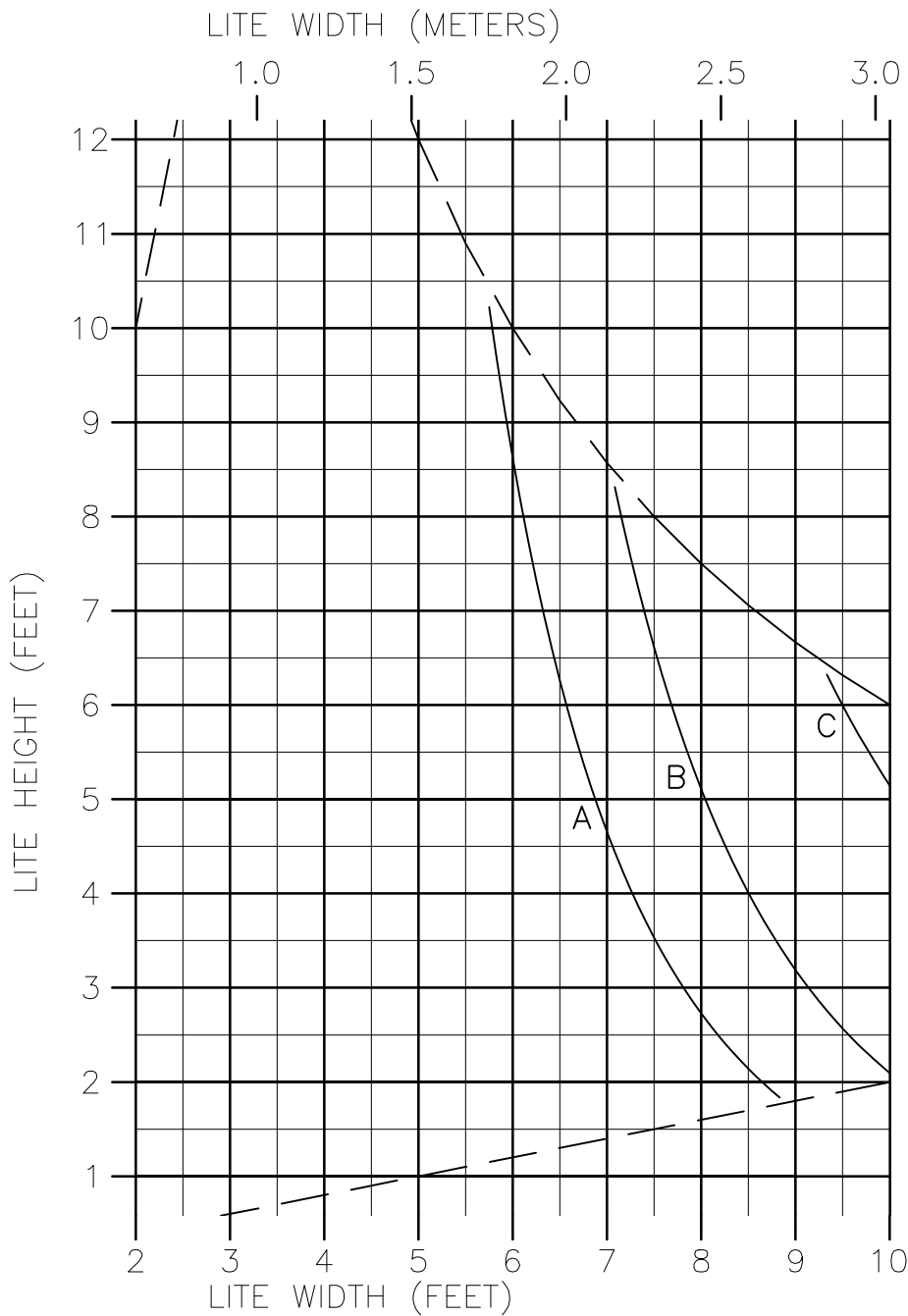
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:

A = 1/4 POINTS

B = 1/8 POINTS

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN.
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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-FIXED LIGHTS		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/8"	SA650025	



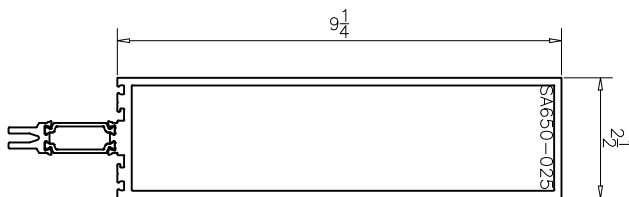
SA650-025

$I_x = 49.566 \text{ in}^4$

$S_x = 8.056 \text{ in}^3$

$I_y = 4.315 \text{ in}^4$

$S_y = 3.452 \text{ in}^3$



1 3/4" IGU (3 1/4")

SETTING BLOCKS AT:

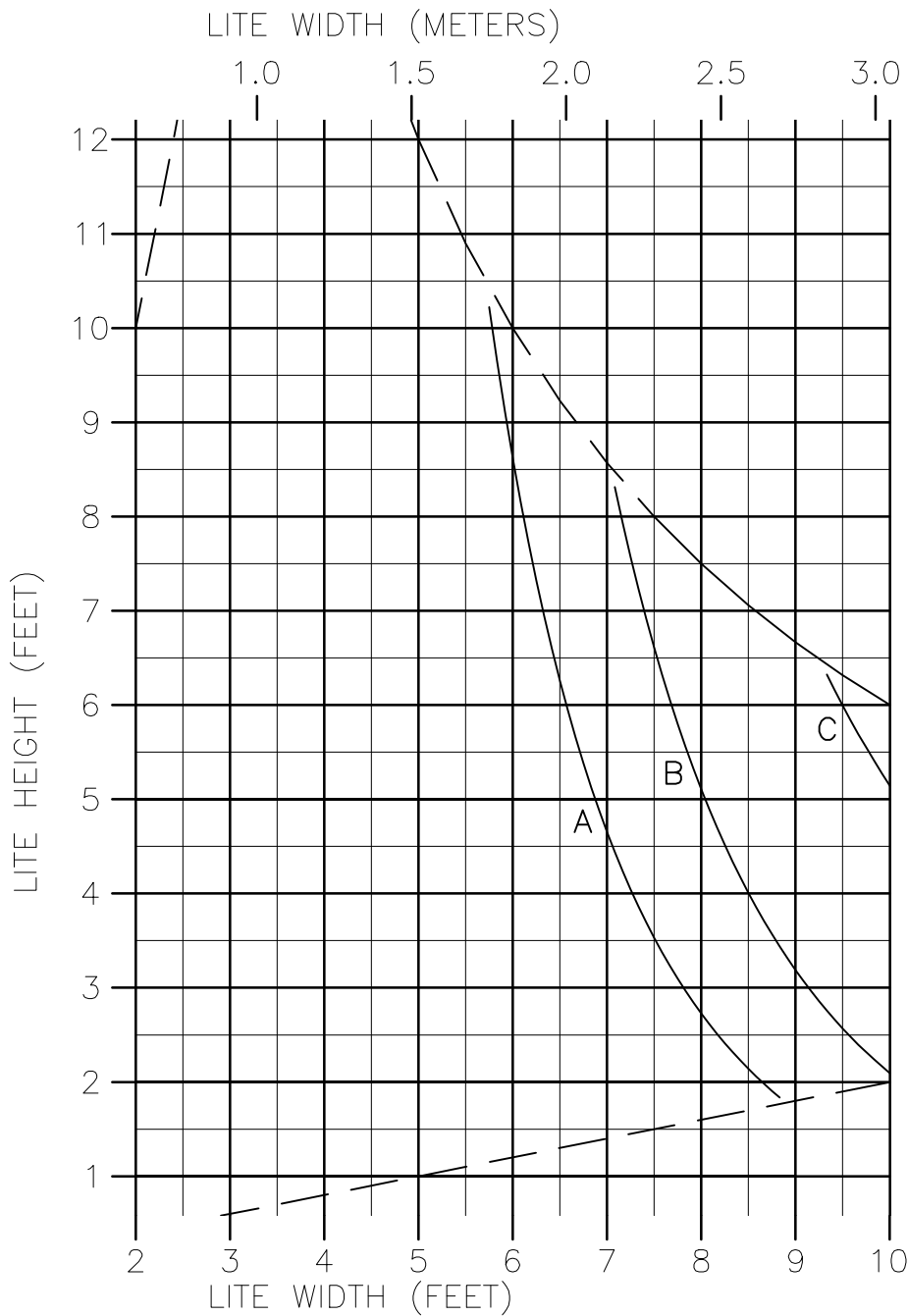
A = 1/4 POINTS

B = 1/8 POINTS

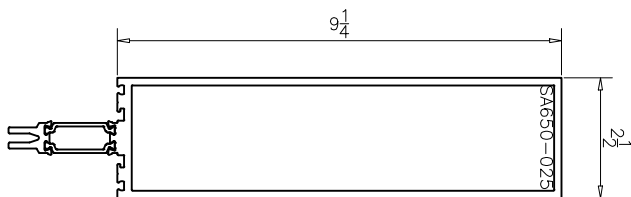
C = 6" POINTS

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE: DEAD LOAD CHART			
SPAN TYPE: SIMPLE-OPERABLE LIGHT		DATE PREPARED: Mar 23, 21	
ALUMINUM ALLOY: 6063T6	DEFLECTION CRITERION: 1/16"	SECTION NUMBER: SA650025	PAGE:




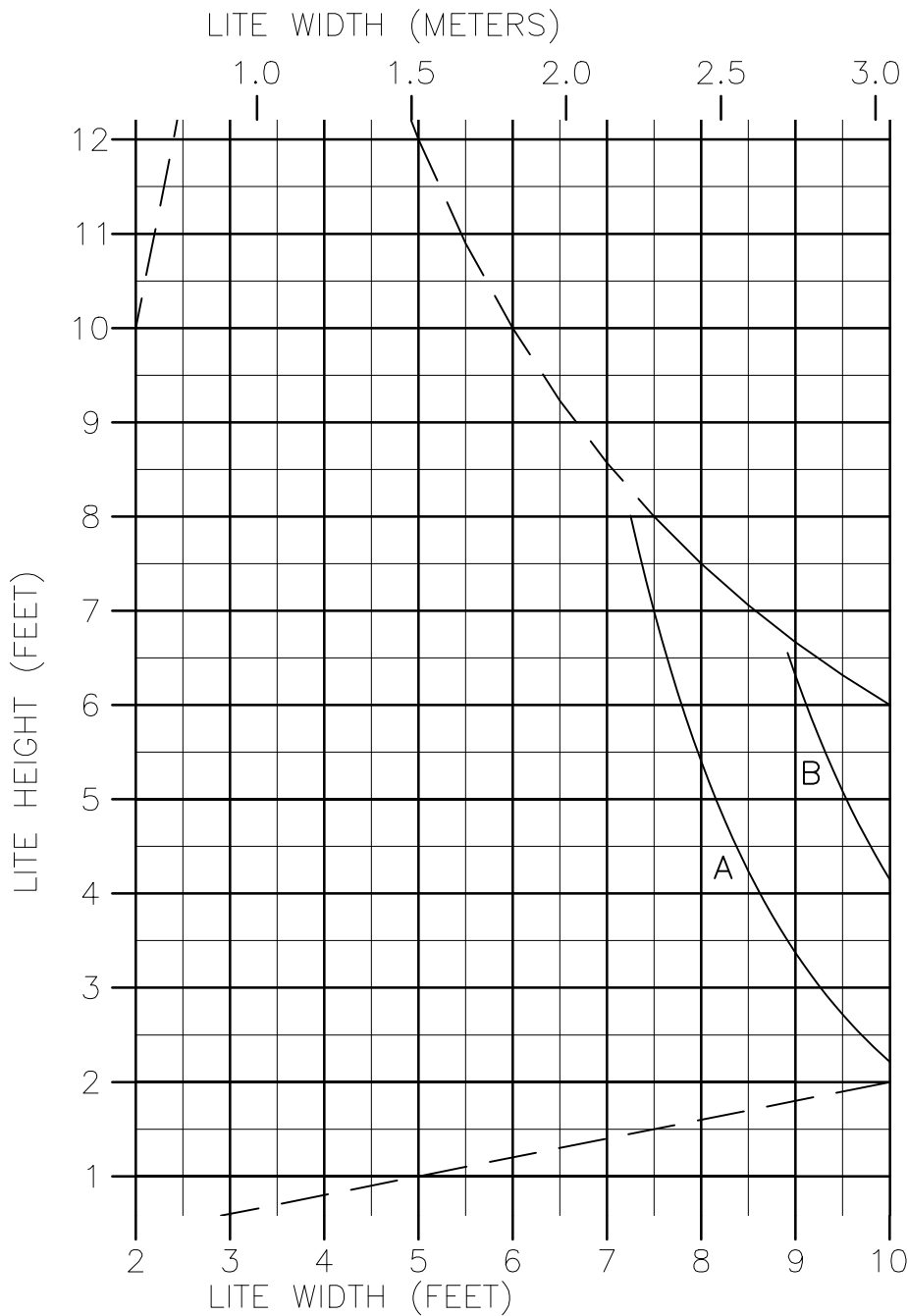
SA650-025
 $I_x = 49.566 \text{ in}^4$
 $S_x = 8.056 \text{ in}^3$
 $I_y = 4.315 \text{ in}^4$
 $S_y = 3.452 \text{ in}^3$



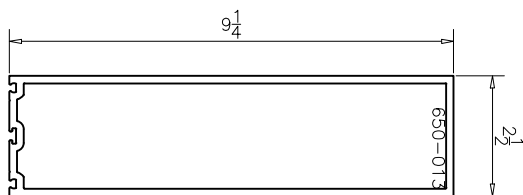
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD, A TRAPEZOIDAL AND A CENTRE POINT WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-DOOR TRANSOM		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/16"	SA650025	



650-013
 $I_x = 36.027 \text{ in}^4$
 $S_x = 7.644 \text{ in}^3$
 $I_y = 4.272 \text{ in}^4$
 $S_y = 3.418 \text{ in}^3$




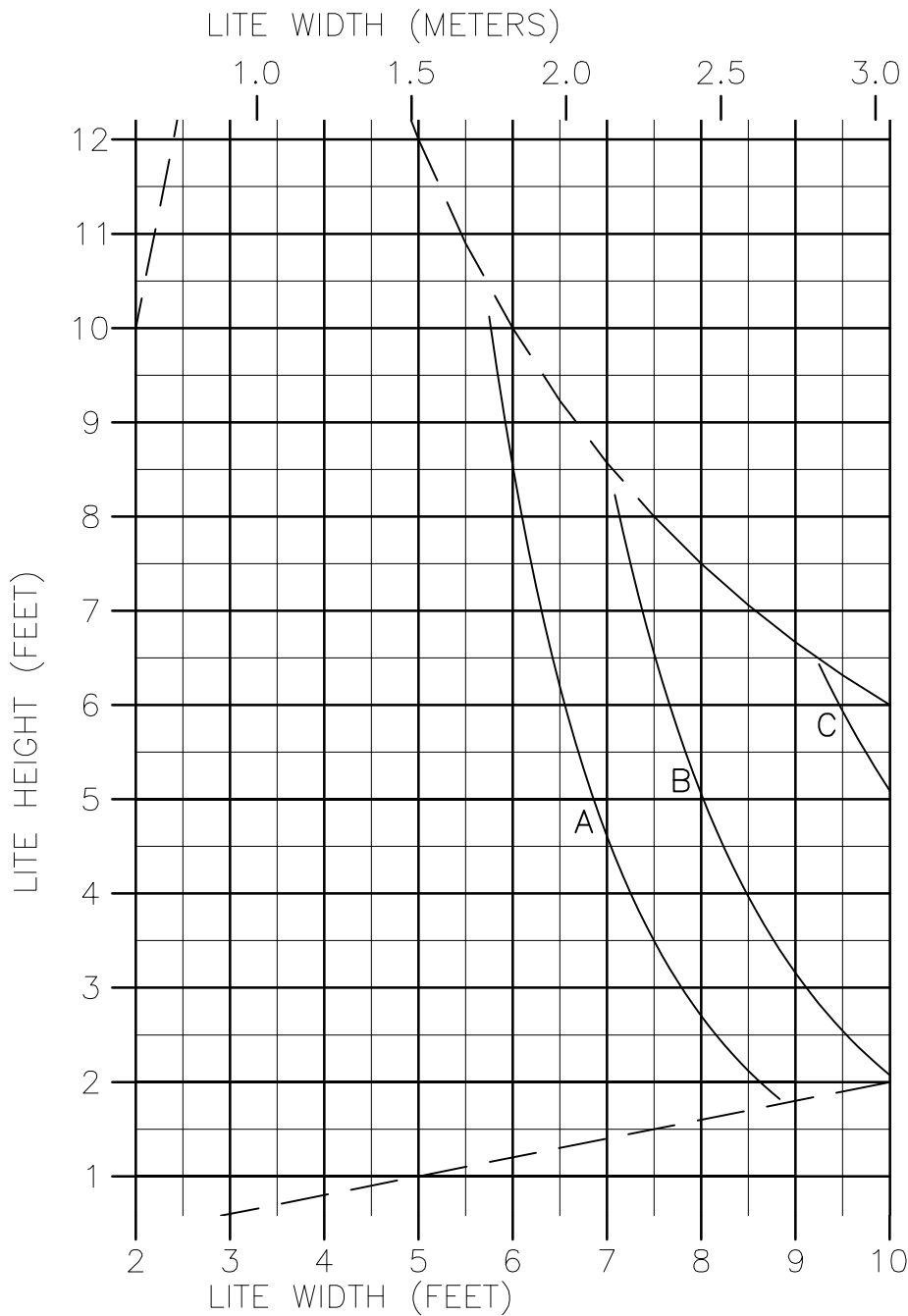
1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:

A = 1/4 POINTS

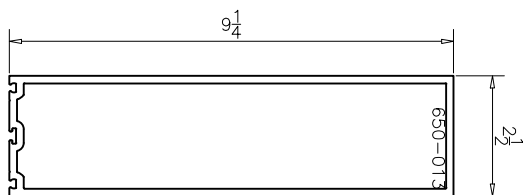
B = 1/8 POINTS

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN.
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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-FIXED LIGHTS		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/8"	650013	



650-013
 $I_x = 36.027 \text{ in}^4$
 $S_x = 7.644 \text{ in}^3$
 $I_y = 4.272 \text{ in}^4$
 $S_y = 3.418 \text{ in}^3$



1 3/4" IGU (3 1/4")
 SETTING BLOCKS AT:
 A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. MAXIMUM WIND LOAD AS PER THE SECTION'S WIND LOAD CHART OR AS INDICATED ABOVE.

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CHART TYPE:			
DEAD LOAD CHART			
SPAN TYPE:		DATE PREPARED:	
SIMPLE-OPERABLE LIGHT		Mar 23, 21	
ALUMINUM ALLOY:	DEFLECTION CRITERION:	SECTION NUMBER:	PAGE:
6063T6	1/16"	650013	