

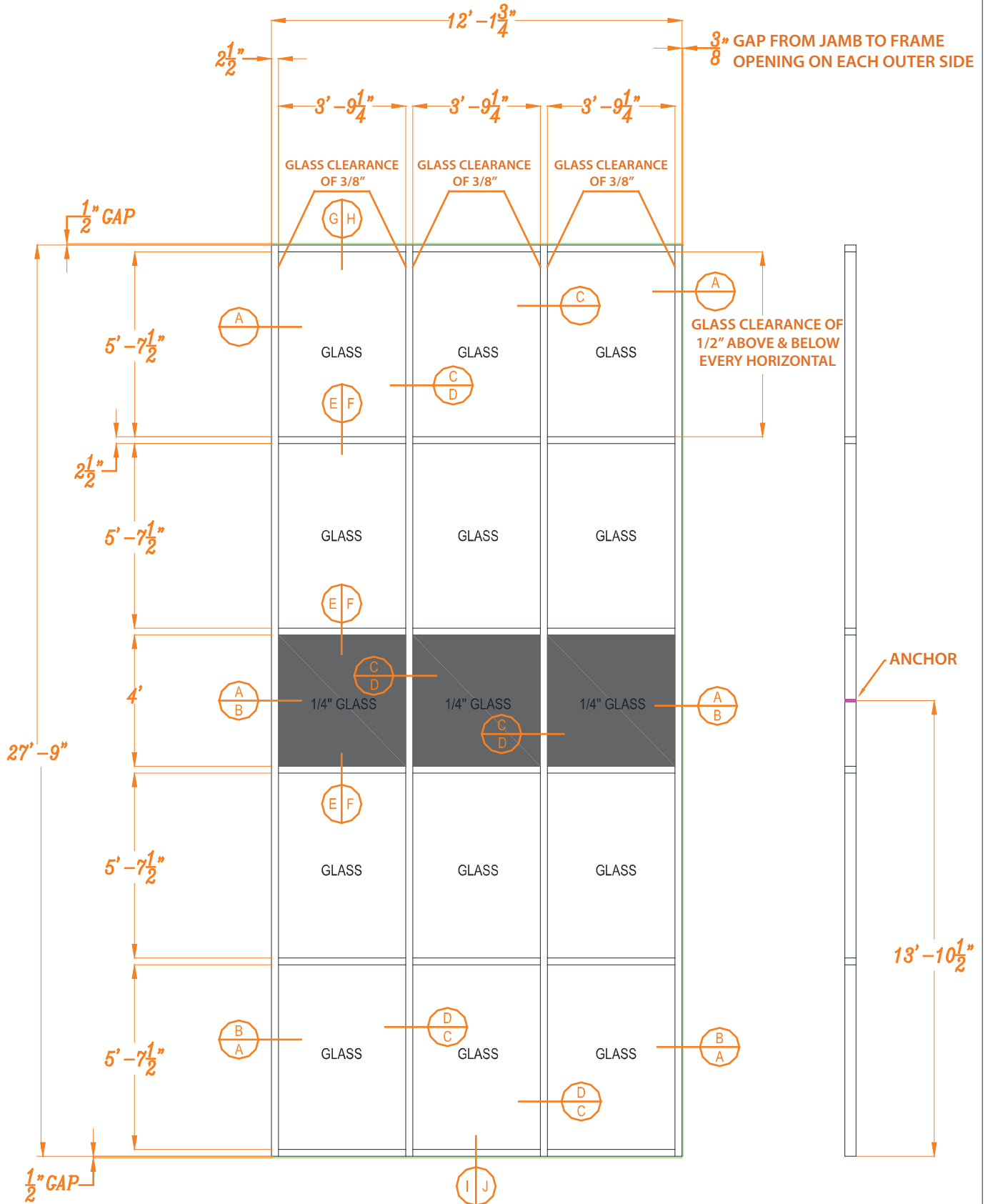
ATLAS

ARCHITECTURAL METALS INC.



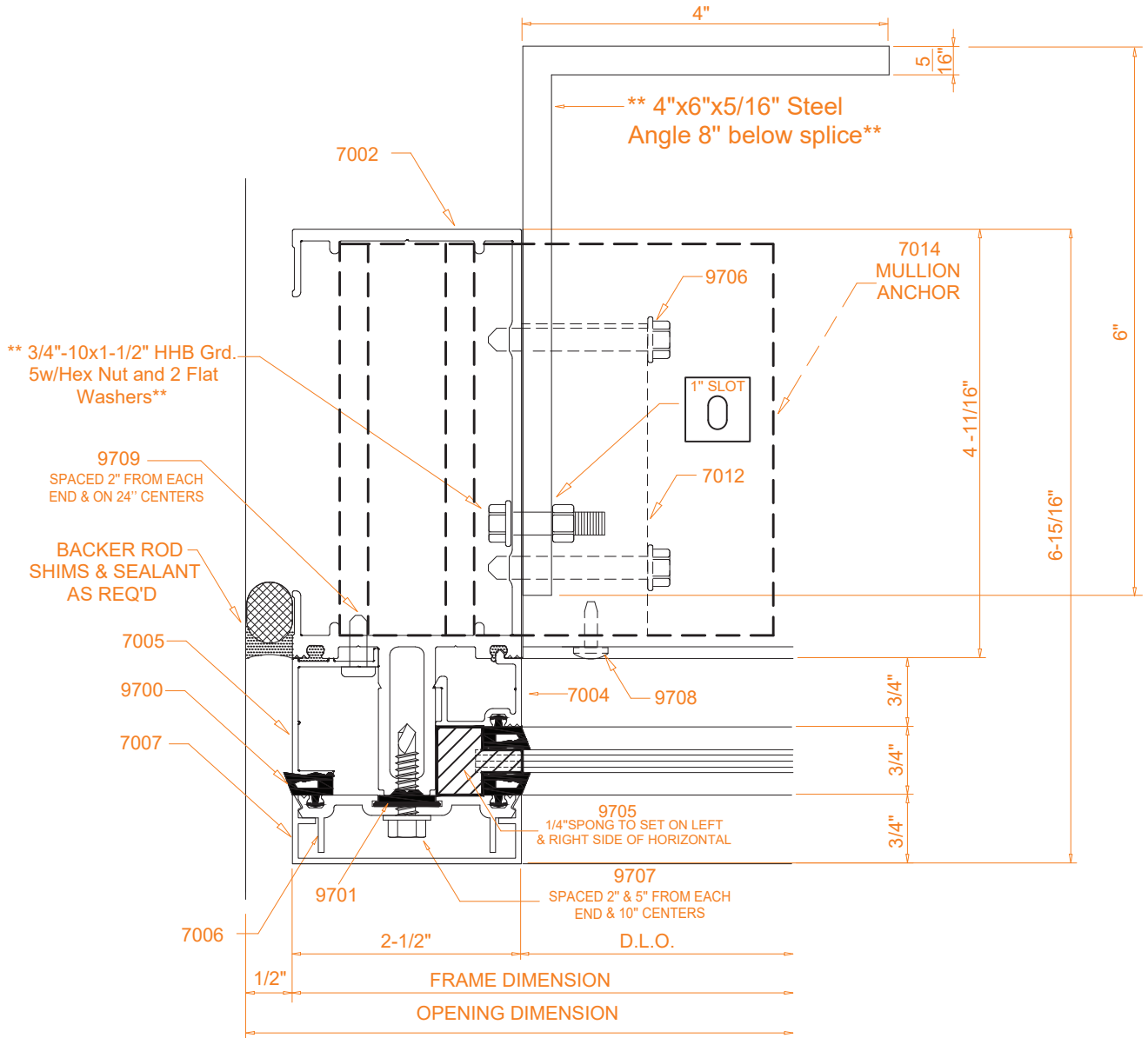
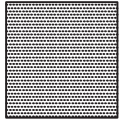
ATLAS
ARCHITECTURAL METALS, INC.

7000 SERIES CURTAIN WALL



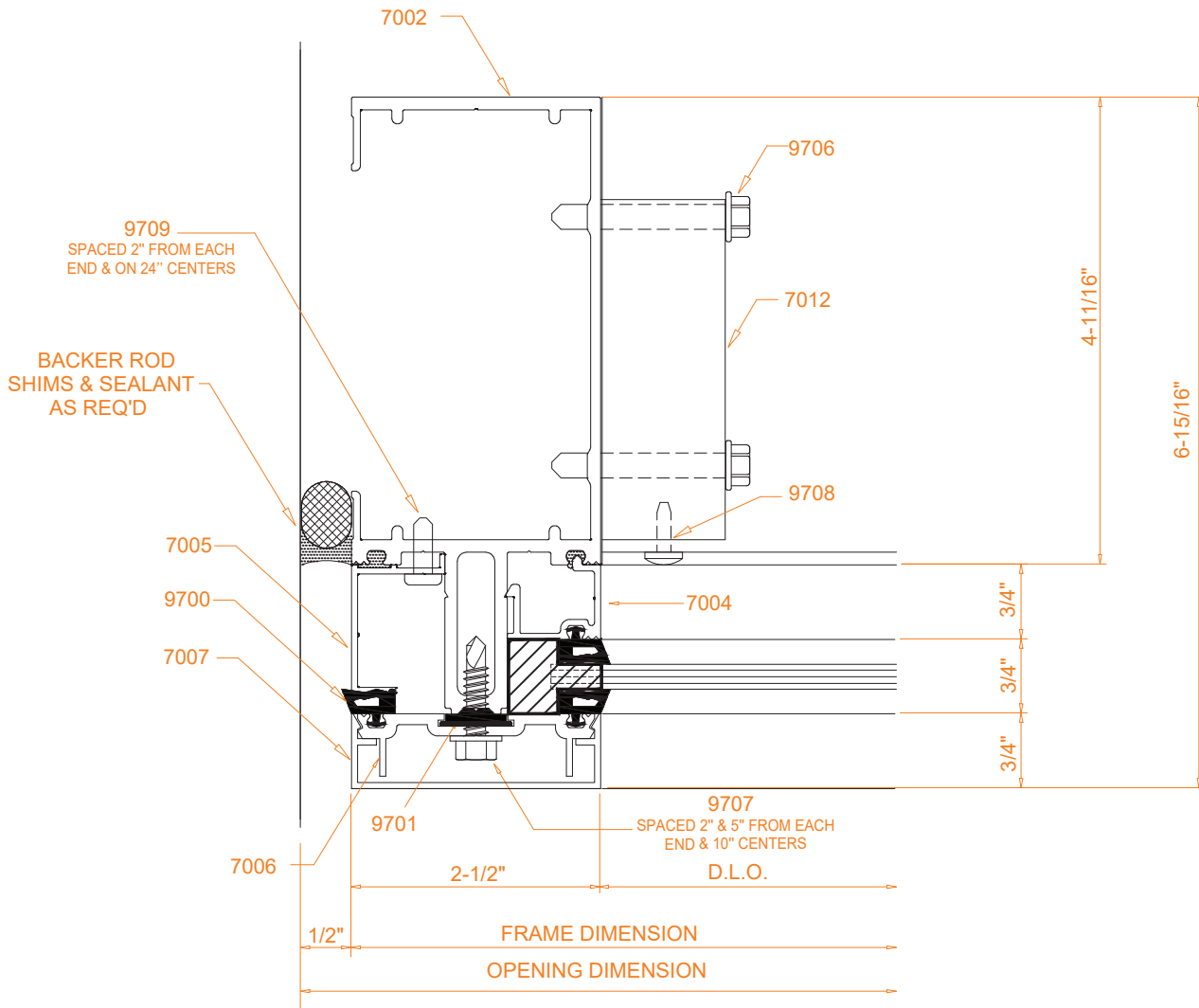
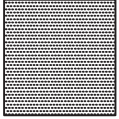
(**) HARDWARE TO BE PROVIDED
BY INSTALLER

SEALANT



JAMB

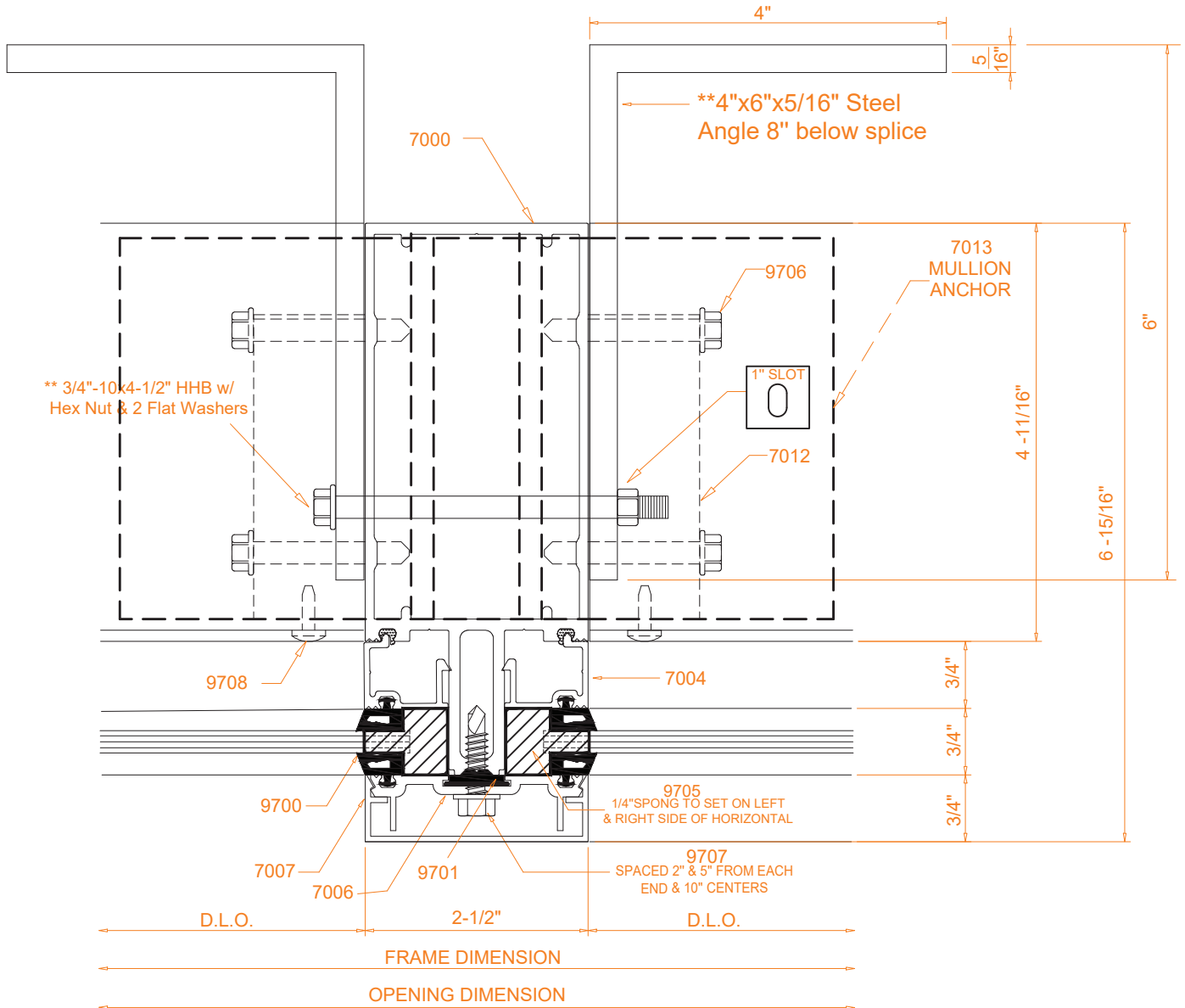
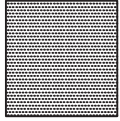
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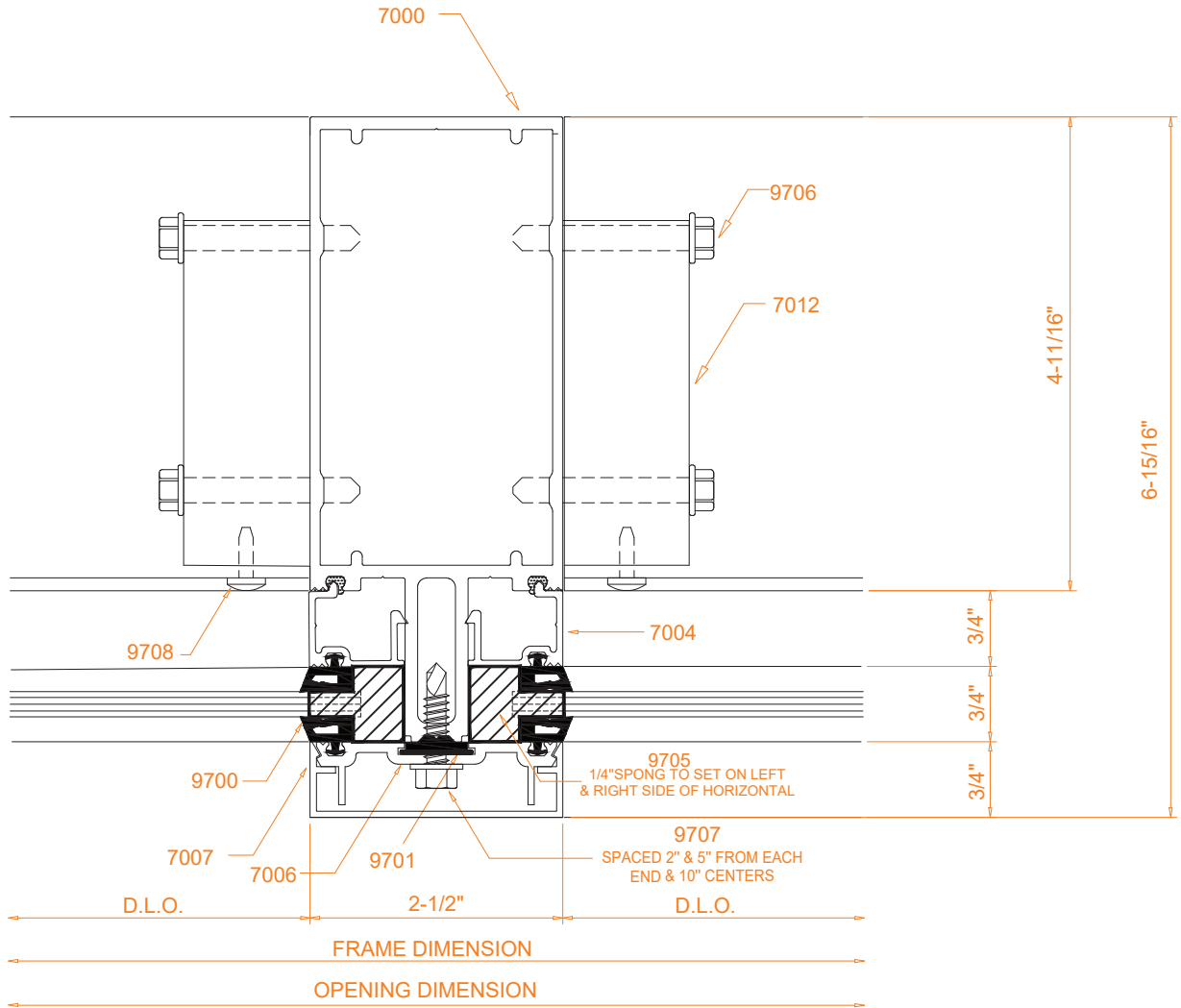
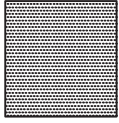
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SEALANT



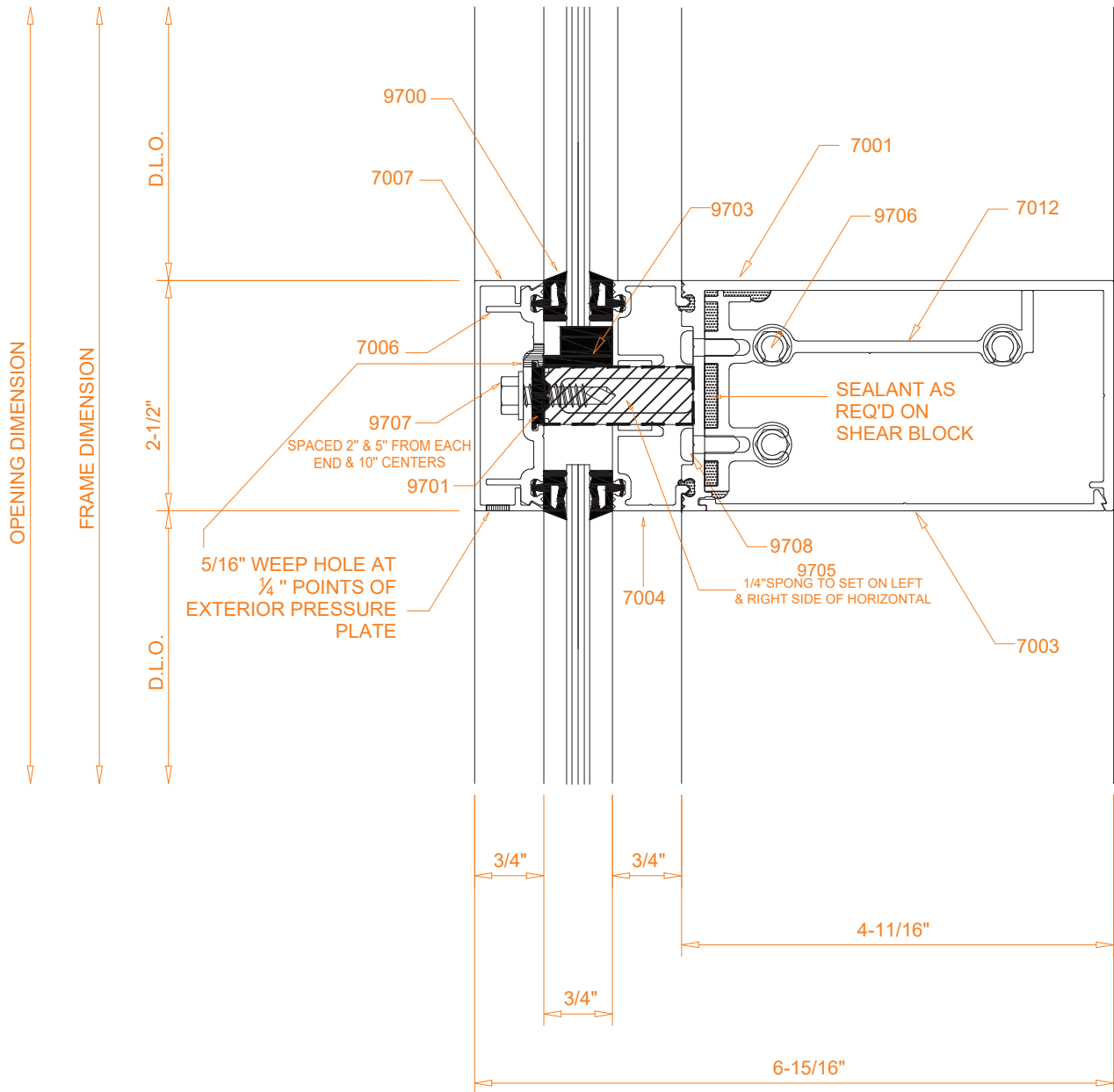
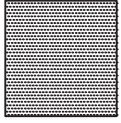
MULLION

SEALANT



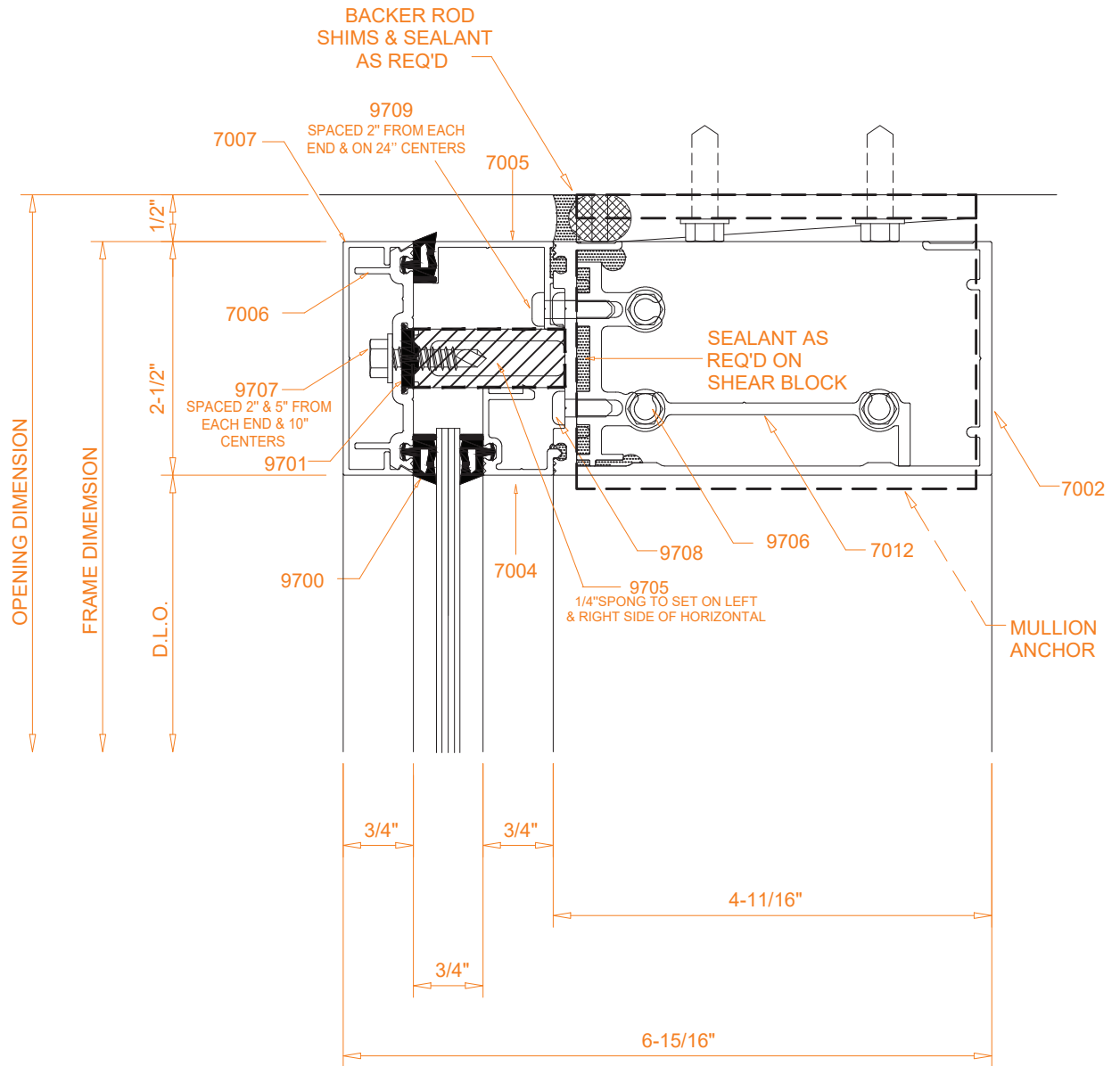
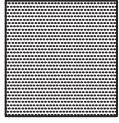
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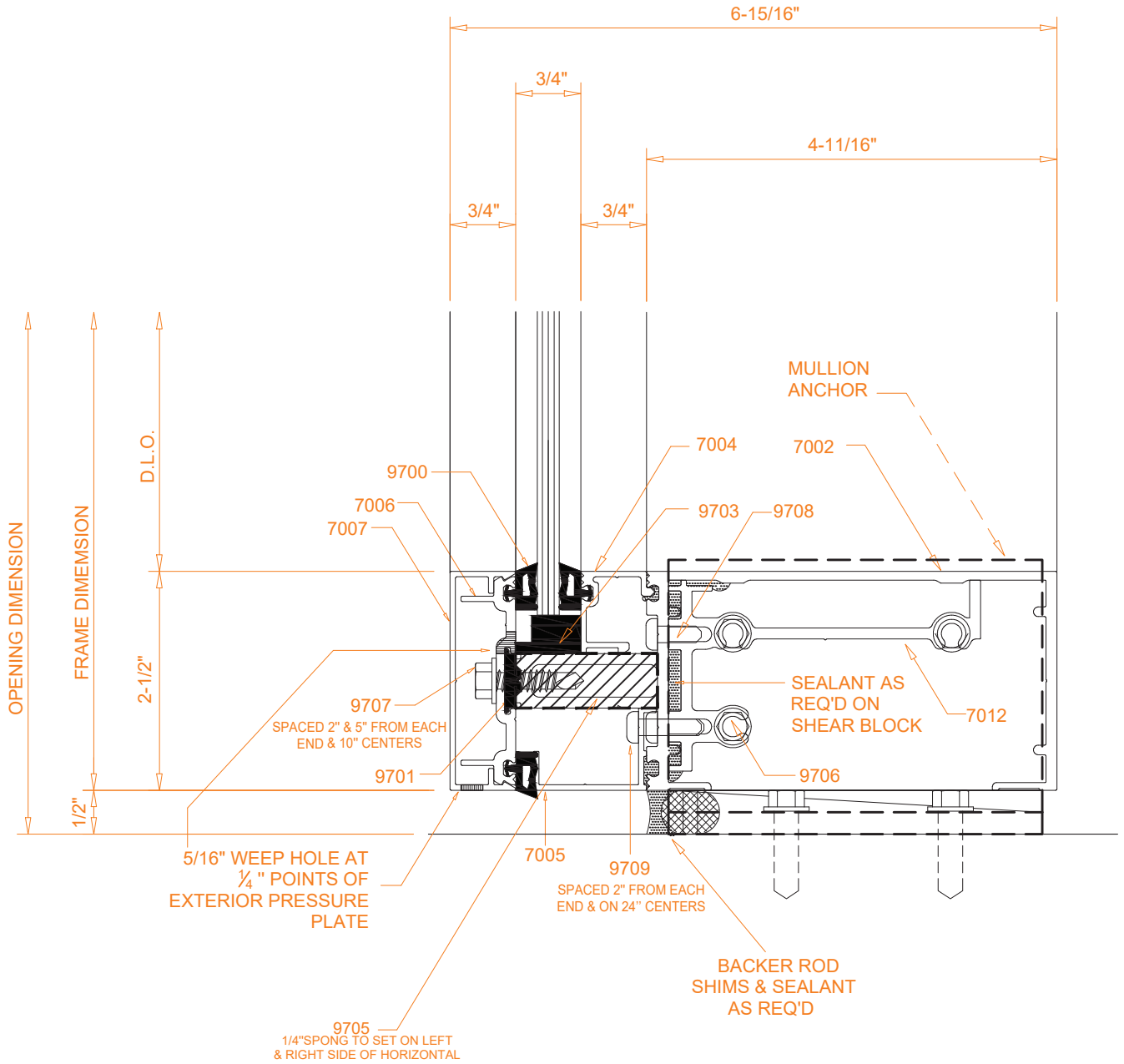
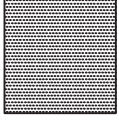
INTERMEDIATE HORIZONTAL

SEALANT



HEAD

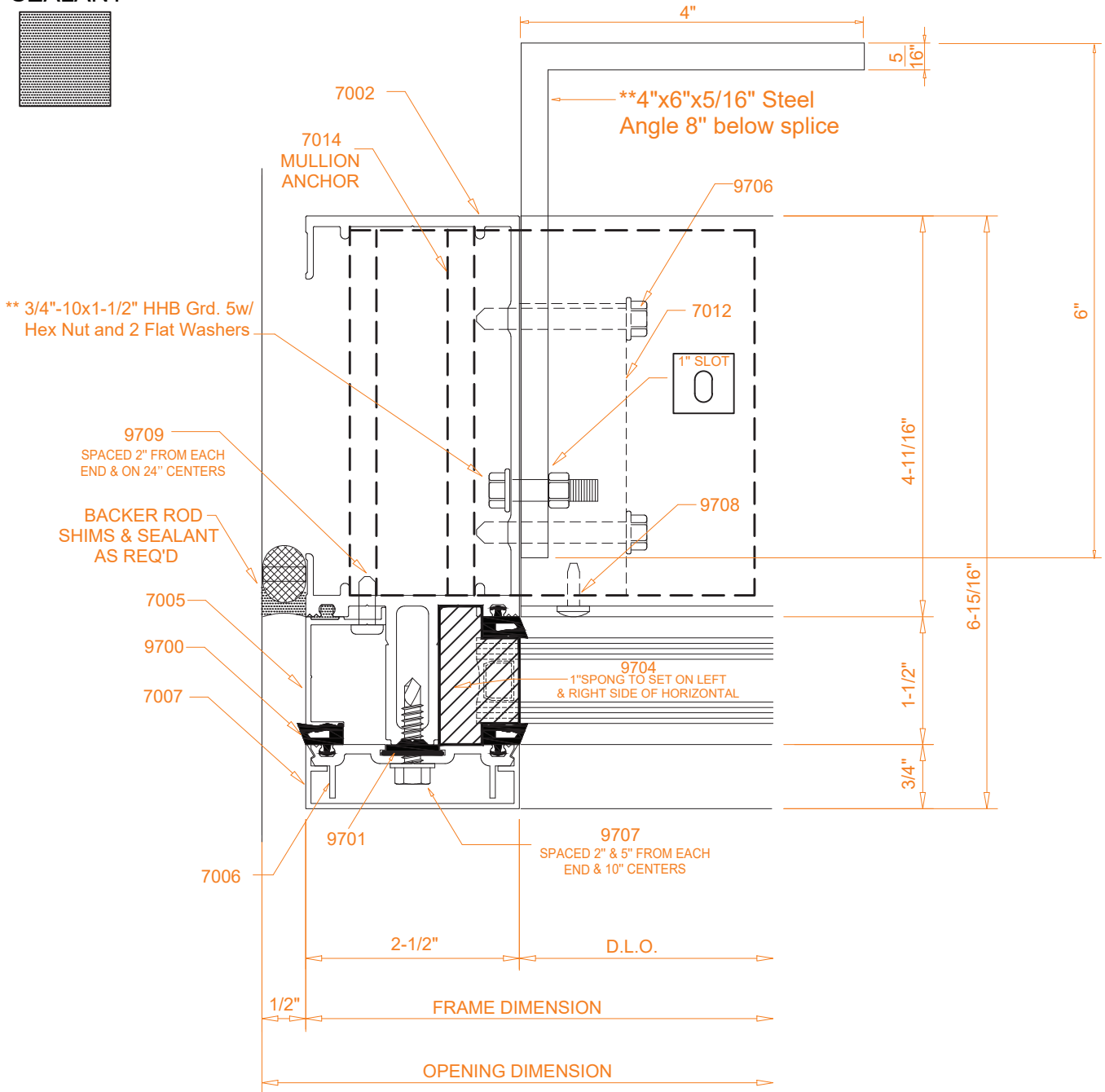
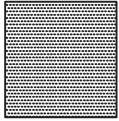
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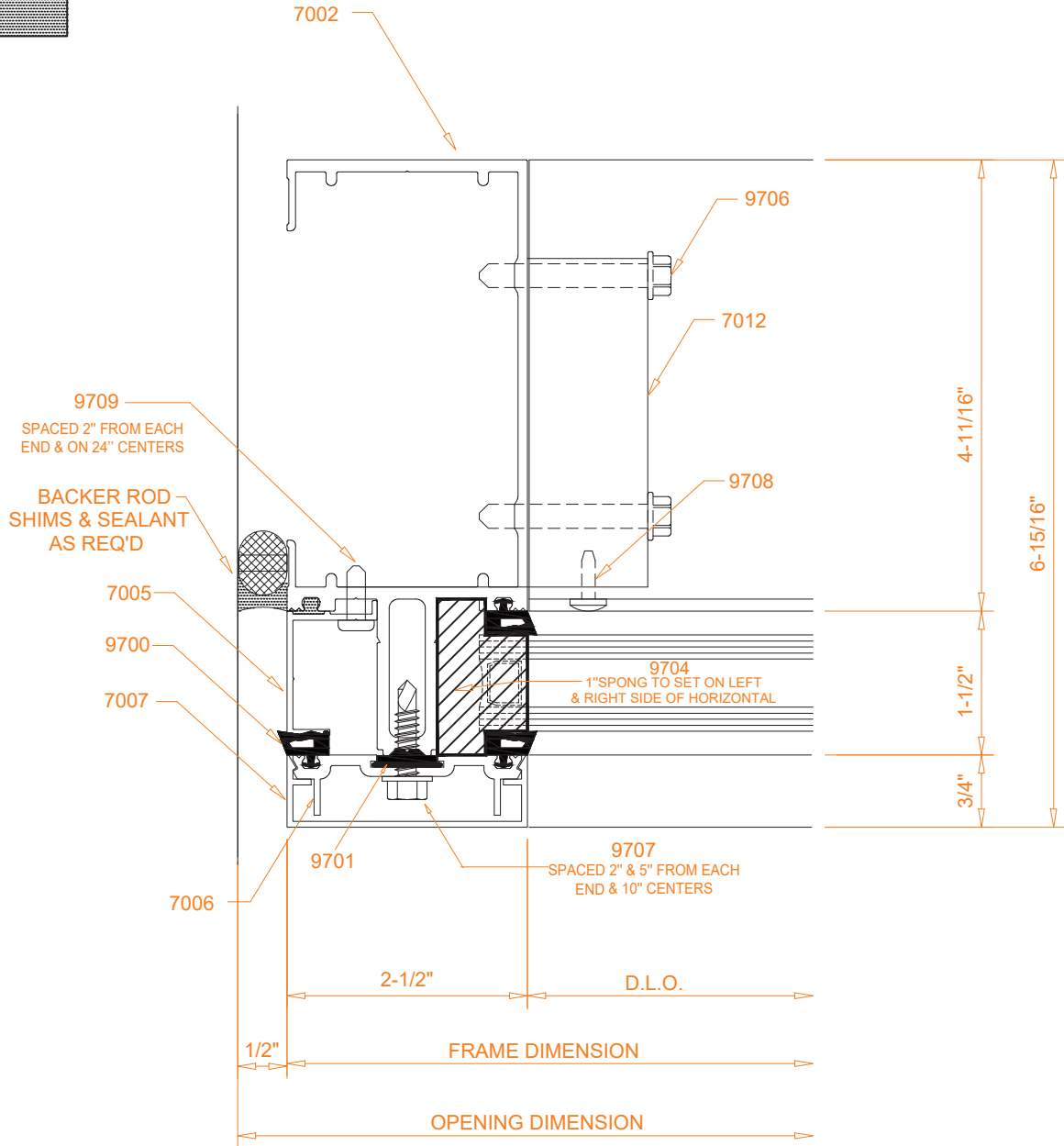
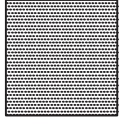
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SEALANT



JAMB

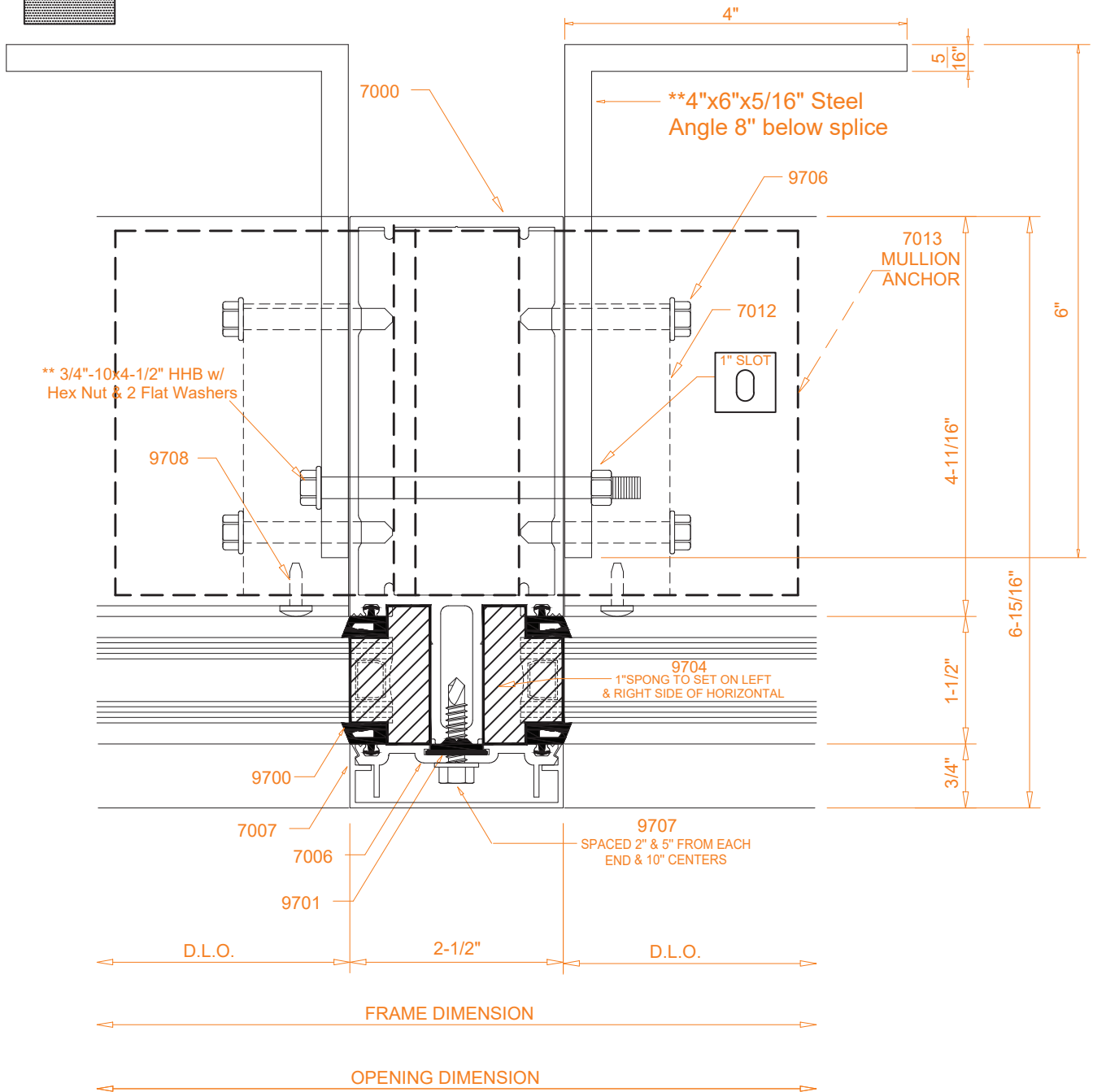
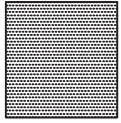
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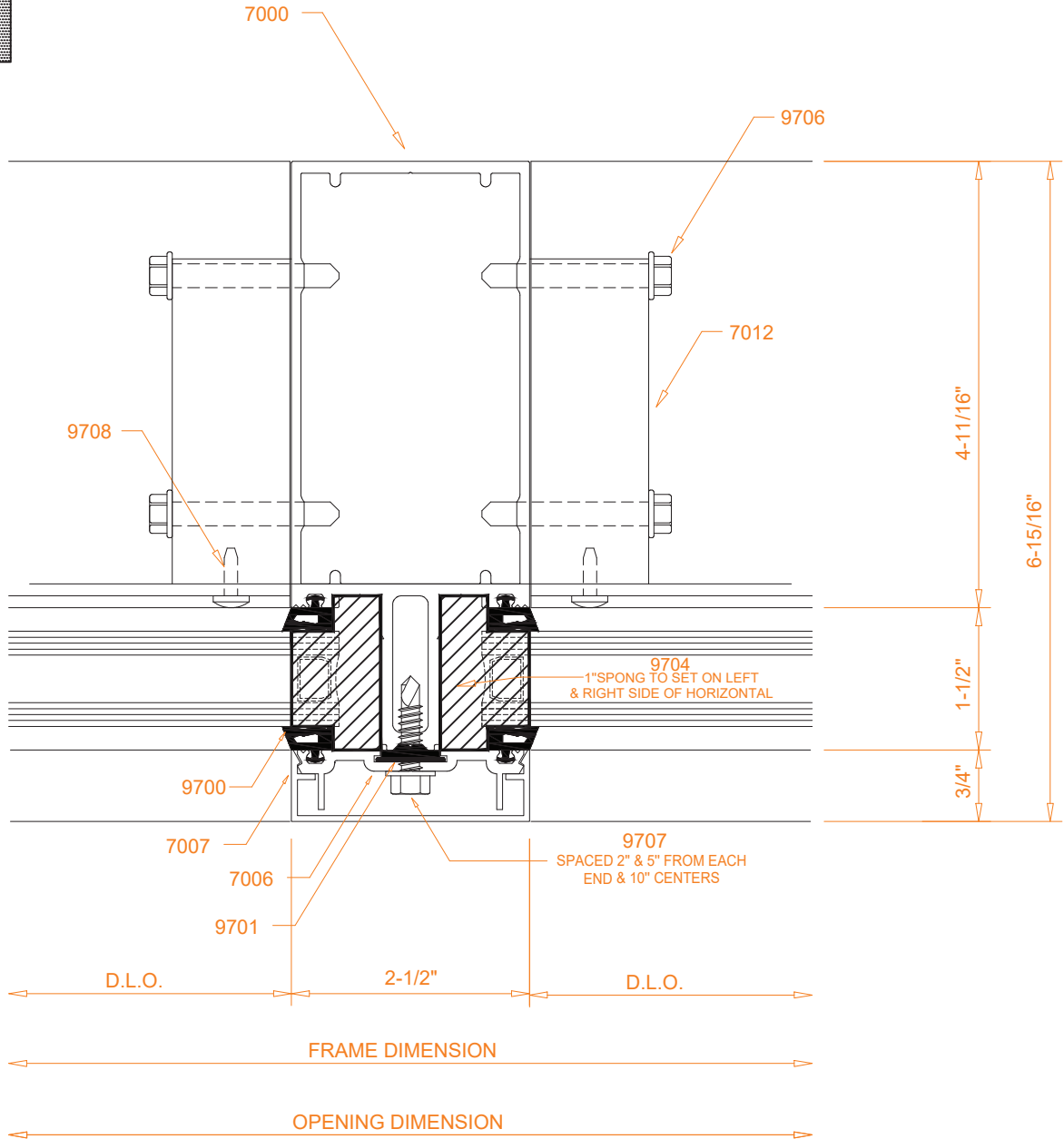
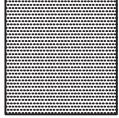
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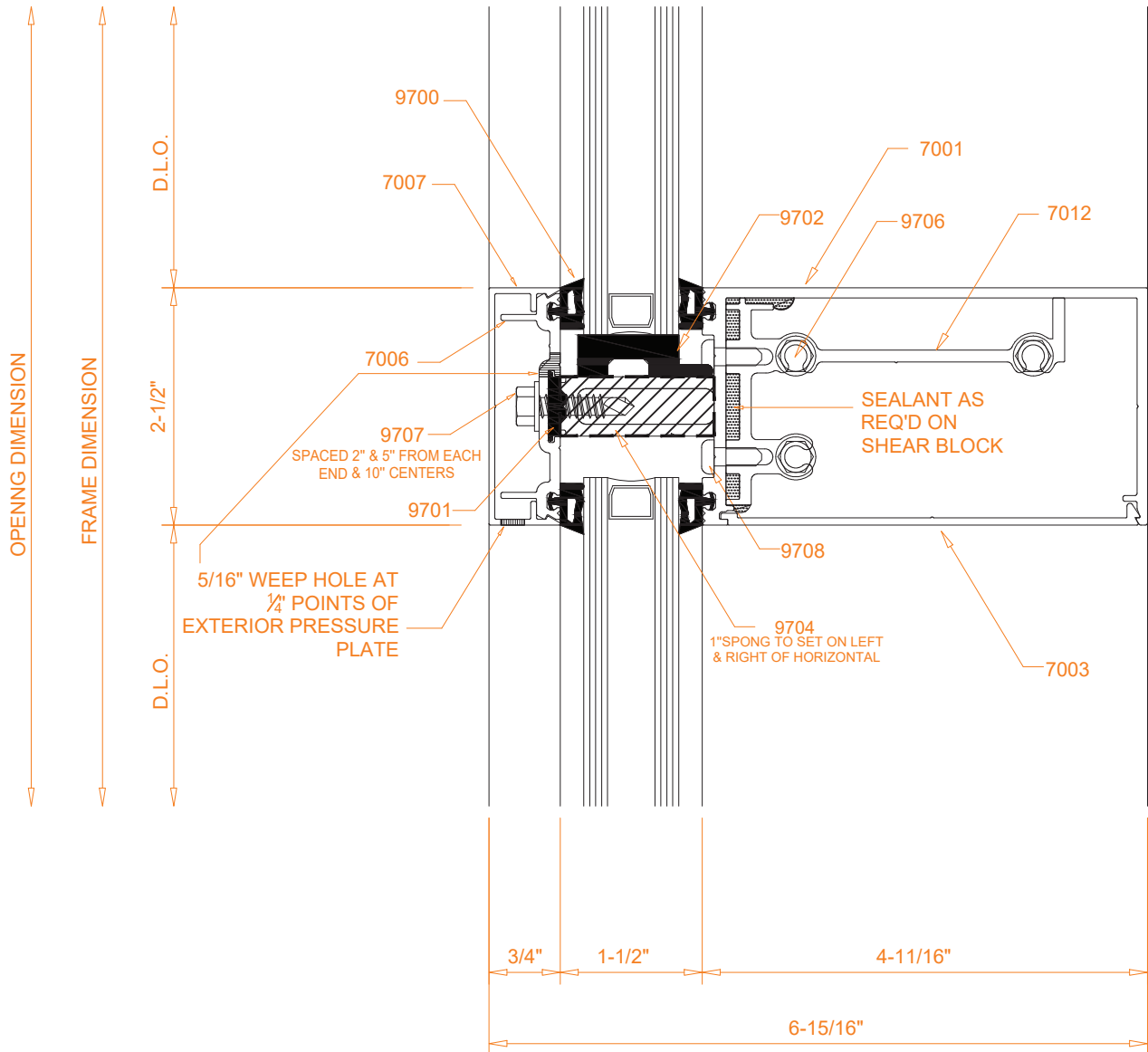
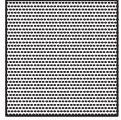
MULLION

SEALANT



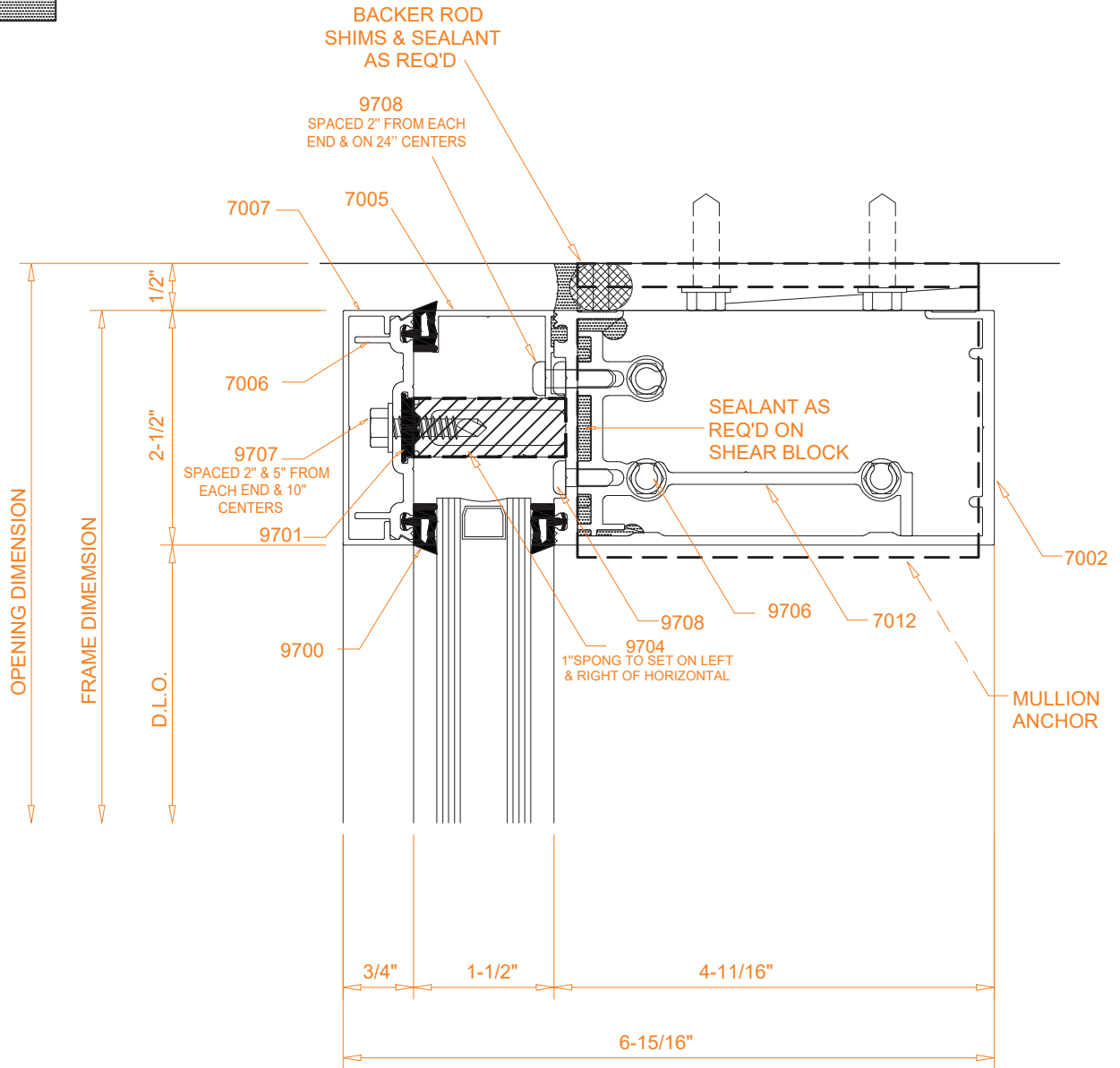
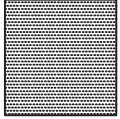
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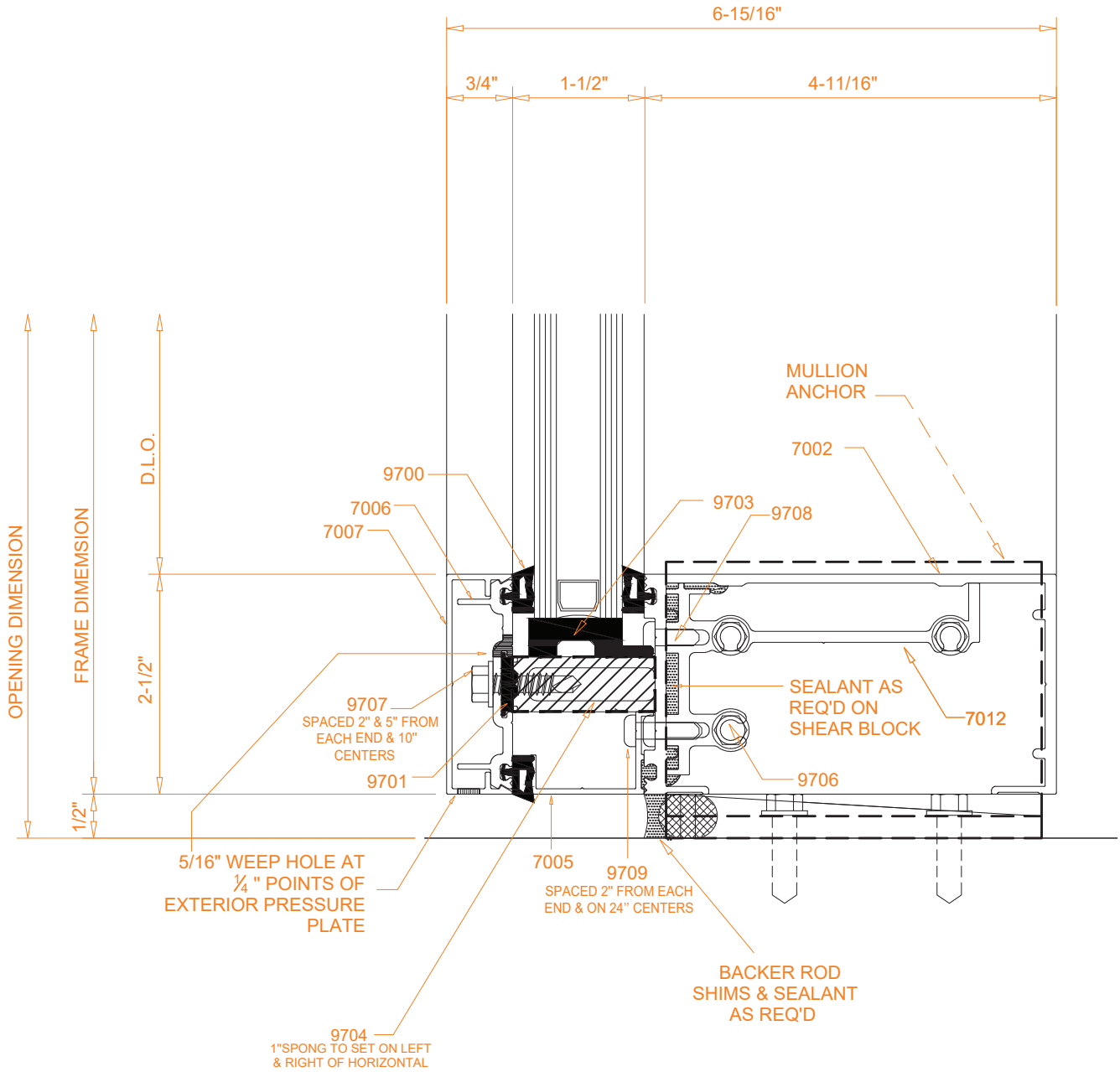
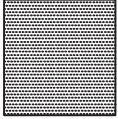
INTERMEDIATE HORIZONTAL

SEALANT



HEAD

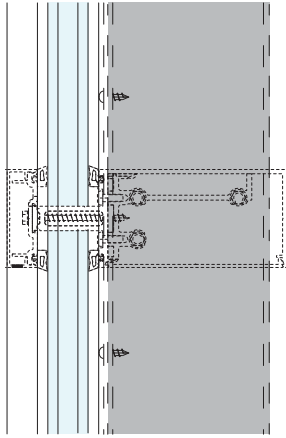
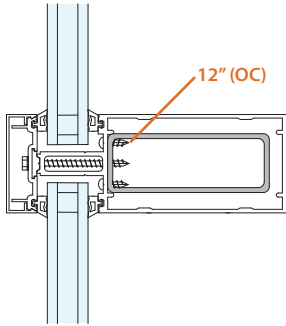
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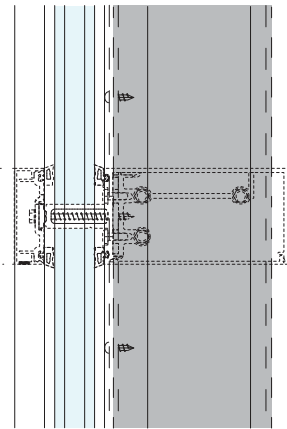
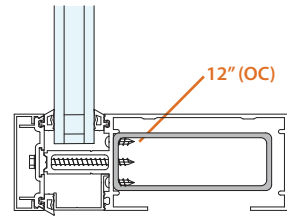
DETAILS

M



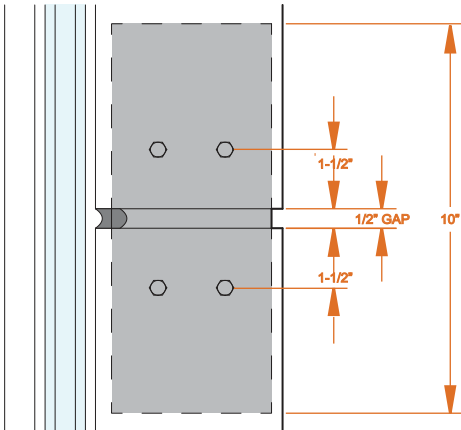
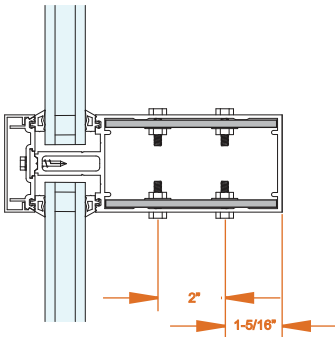
STEEL REINFORCEMENT MULLION

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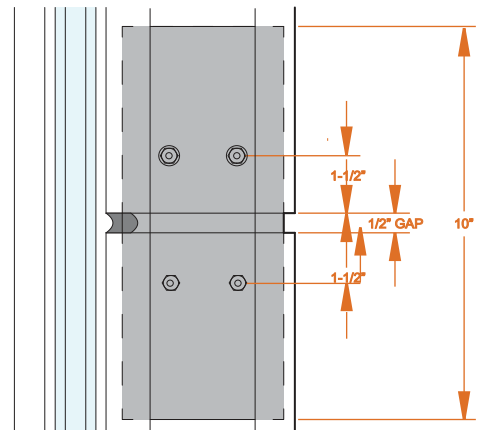
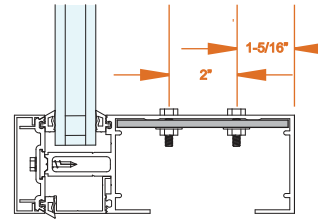
STEEL REINFORCEMENT JAMB

K



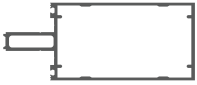

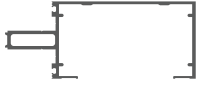





MULLION SPLICE

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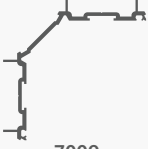







JAMB SPLICE

STOCK LENGTH PRICES

ITEM	DESCRIPTION	LENGTH	FINISH	LIST PRICE PER S/L	
 7000	VERTICAL MULLION	28'-1"	CLEAR		
			BRONZE		
			MILL		
 7001	HORIZONTAL MULLION	28'-1"	CLEAR		
			BRONZE		
			MILL		
 7002	JAMB/ HEAD/ SILL	28'-1"	CLEAR		
			BRONZE		
			MILL		
 7003	HORIZONTAL POCKET FILLER TRIM	28'-1"	CLEAR		
			BRONZE		
			MILL		
 7004	REDUCER 1/4"	28'-1"	CLEAR		
			BRONZE		
			MILL		
 7005	PERIMETER ADAPTER	28'-1"	MILL		
 7006	PRESSURE BAR	28'-1"	MILL		
 7007	FACE CAP	28'-1"	CLEAR		
			BRONZE		
			MILL		





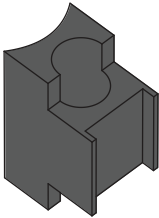
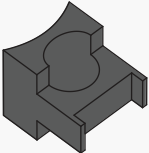
STOCK LENGTH PRICES

ITEM	DESCRIPTION	LENGTH	FINISH	LIST PRICE PER S/L	
 7008	CORNER MULLION	28'-1"	CLEAR		
			BRONZE		
			MILL		
 7009	CORNER PRESSURE PLATE	28'-1"	MILL		
 7010	90 CORNER ADAPTER	28'-1"	MILL		
 7011	CORNER FACE PLATE	28'-1"	CLEAR		
			BRONZE		
			MILL		
 7012	SHEAR BLOCK	1 1/2"	MILL		
 7013/M.5	7013/M120 MULL ANCHOR FULL "T"	10'	MILL		
	7013/M.5 MULL ANCHOR "T"	4.1875"			
 7014/M.5	7014/120 MULL ANCHOR FULL "F"	10'	MILL		
	7014/M.5 MULL ANCHOR "F"	4.1875"			

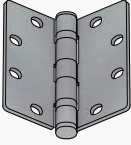

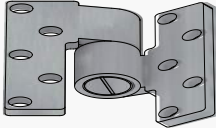
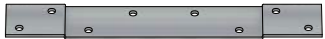

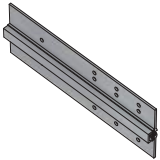
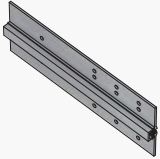



7000 SERIES CURTAIN WALL
ACCESSORIES

PRICES

ITEM	DESCRIPTION	QUANTITY	PART NO.	LIST PRICES		
				PER FOOT	PER ROLL	PER PIECE
	DENSE PRESET GASKET		9700XXRX 9700XXFX		(250')	
	PRESSURE BAR GASKET		9701XXRX 9701XXFX		(500')	
	1" SETTING BLOCK		9702XXXX			
	1/4" SETTING BLOCK		9703XXXX			
	1" SPONGE		9704XXXX			
	1/4" SPONGE		9705XXXX			

ITEM	DESCRIPTION	QUANTITY	PART NO.	LIST PRICES		
				PER FOOT	PER BOX	PER PIECE
	12X1-3/4" SLOTTED WASHER SHEET METAL SCREW ZINC	100 PIECES	9706XXXX		(100 PCS)	
	14-14X1 HEX WASHER SELF DRILLING SCREW ZINC	100 PIECES	9707XXXX		(100 PCS)	
	12X1/2 PHILLIPS PAN SHEET METAL SCREW ZINC	100 PIECES	9708XXXX		(100 PCS)	
	10X1 PHILLIPS PAN SHEET METAL SCREW ZINC	100 PIECES	9709XXXX		(100 PCS)	
	CURTAIN WALL JIG		9715XXXX			

ITEM	DESCRIPTION	FINISH	PART NO.	LIST PRICES		
				LOOSE	FAB TO DOOR	FAB TO FRAME
	4" X 4-1/2" FULL MORTISE BUTTS (NON HANDED) THIS ITEM IS STANDARD WHEN "BUTTS" ARE SPECIFIED (SCREWS ARE NOT INCLUDED).	CLEAR	9000CXXX	78.50		
		BRONZE	9000BXXX	78.50		
	BACKUP PLATE TAPPED FOR MORTISE BUTTS ABOVE.		9001MDXX	10.00		
			9001MFXX			
	M-19 INTERMEDIATE PIVOTS (HANDED) INCLUDES SCREWS	L.H.	CLEAR	9002CXLX	100.00	
			BRONZE	9002BXLX	100.00	
		R.H.	CLEAR	9002CXRX	100.00	
			BRONZE	9002BXRX	100.00	
	BACKUP PLATE TAPPED FOR INTERMEDIATE PIVOT ABOVE.		9003MXXX	10.00		
	OFFSET PIVOT ASSEMBLY. THIS ITEM IS STANDARD WHEN "OFFSET PIVOTS" ARE SPECIFIED. (HANDED).	L.H.	CLEAR	9004CXLX	66.66	
			BRONZE	9004BXLX	66.66	
		R.H.	CLEAR	9004CXRX	66.66	
			BRONZE	9004BXRX	66.66	
	(FULL MORTISE CONCEALED) CONTINUOUS GEAR HINGE 83" FOR 84" DOOR OPENING	CLEAR	9005CX83	303.33		
		BRONZE	9005BX83	378.00		
	(FULL MORTISE CONCEALED) CONTINUOUS GEAR HINGE 95" FOR 96" DOOR OPENING	CLEAR	9005CX95	364.00		
		BRONZE	9005BX95	467.16		
	1" DOOR STOP KITS	CLEAR	9006CXXX	146.76		
		BRONZE	9006BXXX	160.16		

ITEM	DESCRIPTION	FINISH	PART NO.	LIST PRICES		
				LOOSE	FAB TO DOOR	FAB TO FRAME
	BOTTOM CENTER PIVOT ASSEMBLY FOR USE WITHOUT THRESHOLD (DOOR AND FLOOR PORTION).		9007MXXX	76.00		
	BOTTOM CENTER PIVOT ASSEMBLY FOR USE WITH A THRESHOLD (THIS ITEM IS STANDARD ON ALL CENTER HUNG DOORS).		9008MXXX	68.33		
	LEVER TYPE FLUSHBOLT WITH 12" THROW (THIS ITEM IS STANDARD ON INACTIVE LEAF OF A PAIR OF DOORS).	CLEAR	9009CXXX	18.93		
		BRONZE	9009BXXX	18.93		
	FLUSH BOLT GUIDES NARROW STILE - XXX RED MED/WIDE STILE - XXX WHITE	RED	9010RXXX	6.66		
		WHITE	9010WXXX	6.66		

ITEM	DESCRIPTION	FINISH	PART NO.	LIST PRICES		
				LOOSE	FAB TO DOOR	FAB TO FRAME
	SURFACE MOUNTED OVER HEAD CLOSER. VALVE WITH BACK CHECK (ADA CLOSER).	CLEAR	9011CXXX	150.60		
		BRONZE	9011BXXX			
	DROP PLATE FOR CLOSERS.	CLEAR	9012CXXX	30.00		
	ADA DROP PLATES.	BRONZE	9012BXXX			
	CONCEALED OVERHEAD CLOSER ADJUSTABLE RANGE SIZE 2 THROUGH 4	90° WITH OUT HOLD OPEN	9013X090	533.33		
		105° WITHOUT HOLD OPEN	9013X105			
		105° WITH HOLD OPEN	9013X0105			
	"D" CLIP OVERHEAD CONCEALED CLOSER MOUNTING PACKAGE.					
	OFFSET SLIDE ARM PACKAGE (INCLUDES SLIDE CHANNEL ASSEMBLY & OFFSET ARM WITH MOUNTING BRACKET)	CLEAR	9015CXXX	117.46		
		BRONZE	9015BXXX			
	DEADLOCK FACEPLATES WITH FELT. INCLUDES SCREWS.	CLEAR	9041CXLX	8.45		
			9041CXRX			
		BRONZE	9041BXLX			
			9041BXRX			
	LOCK INDICATOR	CLEAR	9040CXXX	36.31		
		BRONZE	9040BXXX			



ARCHITECTURAL METALS INC.

HARDWARE

PRICES

ITEM	DESCRIPTION	FINISH	PART NO.	LIST PRICES
				LOOSE
	STANDARD KEY CYLINDER - 1-1/8" LENGTH/ 5 PIN WITH KEYWAY.	CLEAR	9018CSTD	36.66
		BRONZE	9018BSTD	
	KEYED ALIKE (2 OR MORE) - PRICED AS PAIRS	CLEAR	9018CLIK	
		BRONZE	9018BLIK	
	THUMB TURN CYLINDER - PRICED EACH	CLEAR	9019CXXX	16.66
		BRONZE	9019BXXX	
	DUMMY CYLINDER - PRICED EACH	CLEAR	9020CXXX	30.00
		BRONZE	9020BXXX	
	RIM CYLINDER - FOR USE WITH RIM PANICS - 5 PIN WITH KEYWAY (KEYED ALIKE NOT AVAILABLE).	CLEAR	9021CXXX	20.00
		BRONZE	9021BXXX	
	DEADLOCK FACE PLATES WITH SCREWS (STANDARD ON ALL DOORS - CALL FOR PRICES ON NON STANDARD FACE PLATES).	CLEAR	9022CXLX	6.66
			9022CXRX	
			9022CXCX	
		BRONZE	9022BXLX	
			9022BXRX	
			9022BXCX	
	LEVER HANDLE WITH CAM PLUG.	CLEAR	9023CXXX	141.33
		BRONZE	9023BXXX	
	LATCH PADDLE WITH CAM PLUG. (PUSH)	CLEAR	9024CXLX	148.20
			9024CXRX	
		BRONZE	9024BXLX	
			9024BXRX	

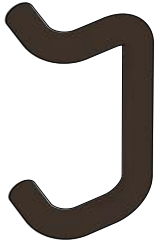

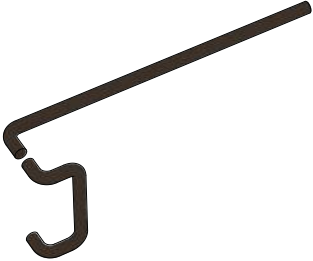
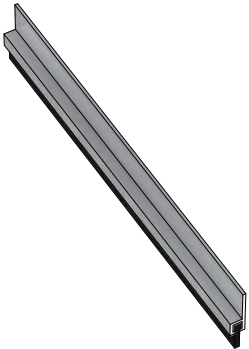


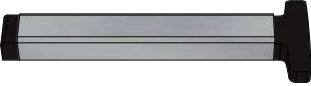

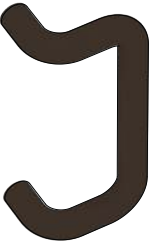
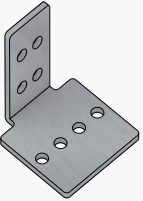
ARCHITECTURAL METALS INC.

HARDWARE

PRICES

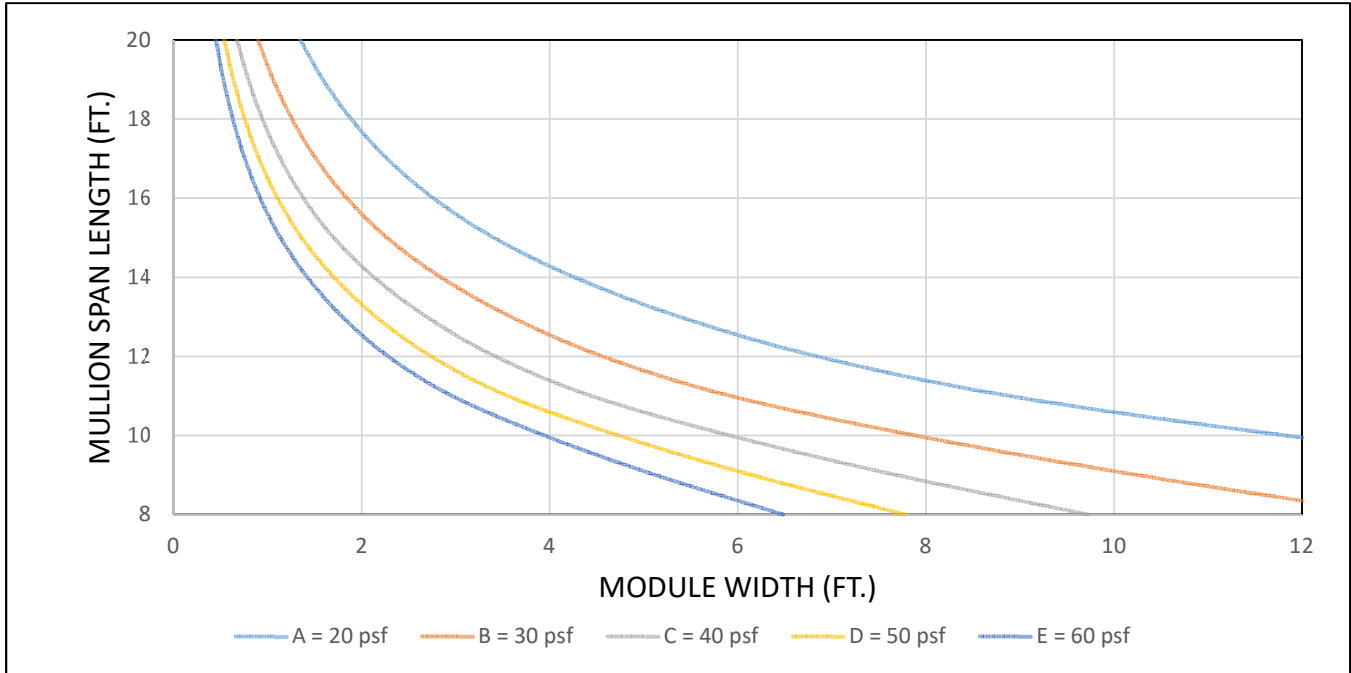
ITEM	DESCRIPTION	HAND	PART NO.	LIST PRICES		
				LOOSE	FAB TO DOOR	FAB TO FRAME
	<p>HOOK BOLT LOCK WITH A 1-1/8" BACKSET - LESS CYLINDERS (THIS ITEM IS STANDARD ON SLIDING DOORS).</p>		9025MXXX	44.80	199.06	
	<p>DEADLATCH WITH A 1-1/8" BACKSET WITH STRIKE PLATE - LESS CYLINDERS.</p>	LEFT	9026MXLX	44.80	199.06	
		RIGHT	9026MXXR			
	<p>LONG THROW DEADLOCK WITH A 1-1/8" BACKSET - LESS CYLINDER (THIS ITEM IS STANDARD ON STOCK DOORS).</p>		9027MXXX	44.80	199.06	XXX

ITEM	DESCRIPTION	FINISH	PART NO.	LIST PRICES
				LOOSE
	PULL HANDLE. THIS ITEM IS STANDARD ON ALL DOORS.	CLEAR	9028CXXX	56.66
		BRONZE	9028BXXX	66.66
	BTB MOUNTED PULLS.	CLEAR	9029CXXX	116.66
		BRONZE	9029BXXX	133.33
	PUSH BAR AND PULL HANDLE. (THIS ITEM IS STANDARD ON ALL DOORS).	CLEAR	9030CXXX	140.00
		BRONZE	9030BXXX	160.00
	ADJUSTABLE SWEEP STRIP (WITH RUBBER STRIP).	CLEAR 3'-0"	9031CX36	29.90
		BRONZE 3'-0"	9031BX36	32.50
		CLEAR 24'-6"	9031C294	43.33
		BRONZE 24'-6"	9031B294	63.33

ITEM	DESCRIPTION	FINISH	PART NO.	LIST PRICES		
				LOOSE	FAB TO DOOR	FAB TO FRAME
	CONCEALED ROD PANIC DEVICE ASSEMBLY (LESS CYLINDER, CYLINDER PAD & WIRE PULL).	CLEAR	9032CXXX	583.33		
		BRONZE	9032BXXX			
	RIM PANIC DEVICE ASSEMBLY (LESS RIM CYLINDER & WIRE PULL).	CLEAR	9033CXXX	533.33		
		BRONZE	9033BXXX			
	10" OFFSET PULL 5-16/18 THREAD	CLEAR	9034CXXX	69.70		
		BRONZE	9034BXXX	77.62		
	ALUMINUM THRESHOLD/ JAMB FRAME CLIP (LESS SCREWS).	MILL	9035MXXX	10.00		

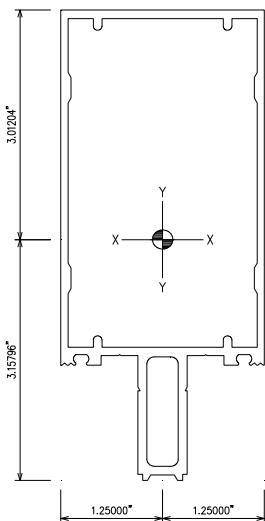
CURTAIN WALL 7000 SERIES –INTERMEDIATE TUBULAR MULLION

Wind Load Capacity of Mullion Based on AAMA TIR-A11-2015^{1,2,3}



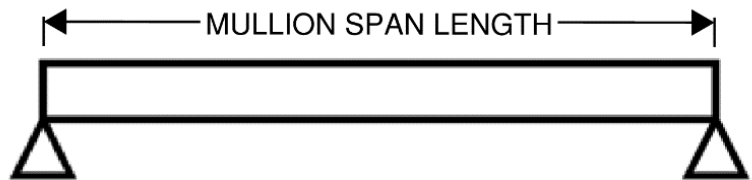
The MODULE WIDTH is the average module dimension of the two adjacent curtain wall bays.

The MULLION SPAN LENGTH is considered the distance between anchor points.



ATLAS SECTION PROPERTIES		
Area	1.928	IN ²
Perim.	18.720	IN
Weight	2.267	LBS/FT
X-X AXIS		
Ixx	7.757	IN ⁴
Sxx(max)	2.575	IN ³
Sxx(min)	2.456	IN ³
Rxx	2.006	IN
Y-Y AXIS		
Iyy	1.616	IN ⁴
Syy(max)	1.293	IN ³
Syy(min)	1.293	IN ³
Ryy	0.916	IN

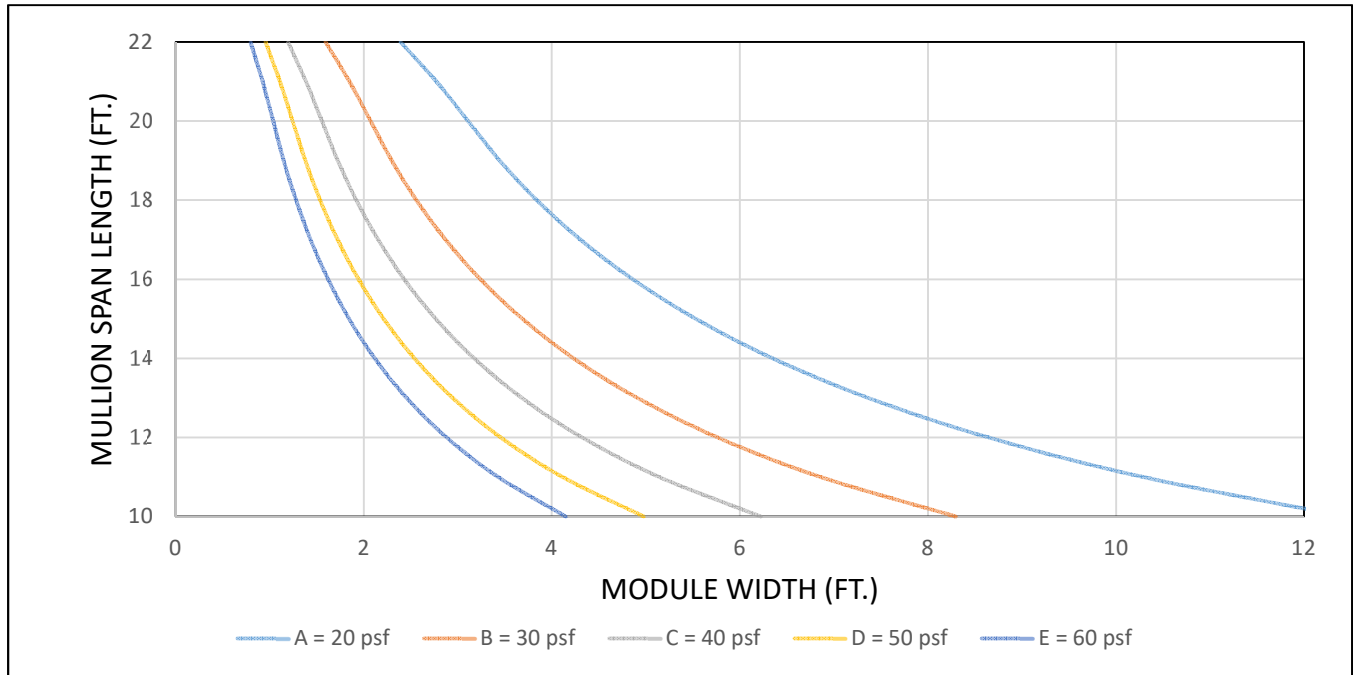
Loading Condition – Simple Span



- Information and calculations are based deflection criteria noted in AAMA TIR-A11-2015. Depending on the size of the glass utilized on a specific project, deflection may be governed by the maximum allowable deflection of 1/4" along the edge of a single lite of glass. For jamb conditions, the allowable deflection may be governed by the joint size
- This information does not consider the unbraced length of the mullion section or the allowable stress as governed by lateral torsional buckling.
- These tables were developed assuming 6063-T6 aluminum alloy.
- The information provide herein is for general information only. This information does not preclude the requirement to consult a registered design professional to verify the acceptability of the system for a specific project or application.

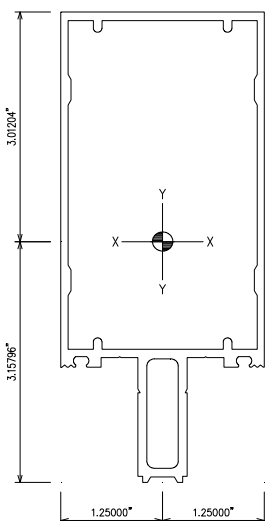
CURTAIN WALL 7000 SERIES –INTERMEDIATE TUBULAR MULLION

Wind Load Capacity of Mullion Based on AAMA TIR-A11-2015^{1,2,3}



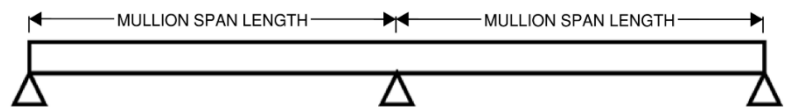
The **MODULE WIDTH** is the average module dimension of the two adjacent curtain wall bays.

The **MULLION SPAN LENGTH** is considered the distance between anchor points.



ATLAS SECTION PROPERTIES		
Area	1.928	IN ²
Perim.	18.720	IN
Weight	2.267	LBS/FT
X-X AXIS		
Ixx	7.757	IN ⁴
Sxx(max)	2.575	IN ³
Sxx(min)	2.456	IN ³
Rxx	2.006	IN
Y-Y AXIS		
Iyy	1.616	IN ⁴
Syy(max)	1.293	IN ³
Syy(min)	1.293	IN ³
Ryy	0.916	IN

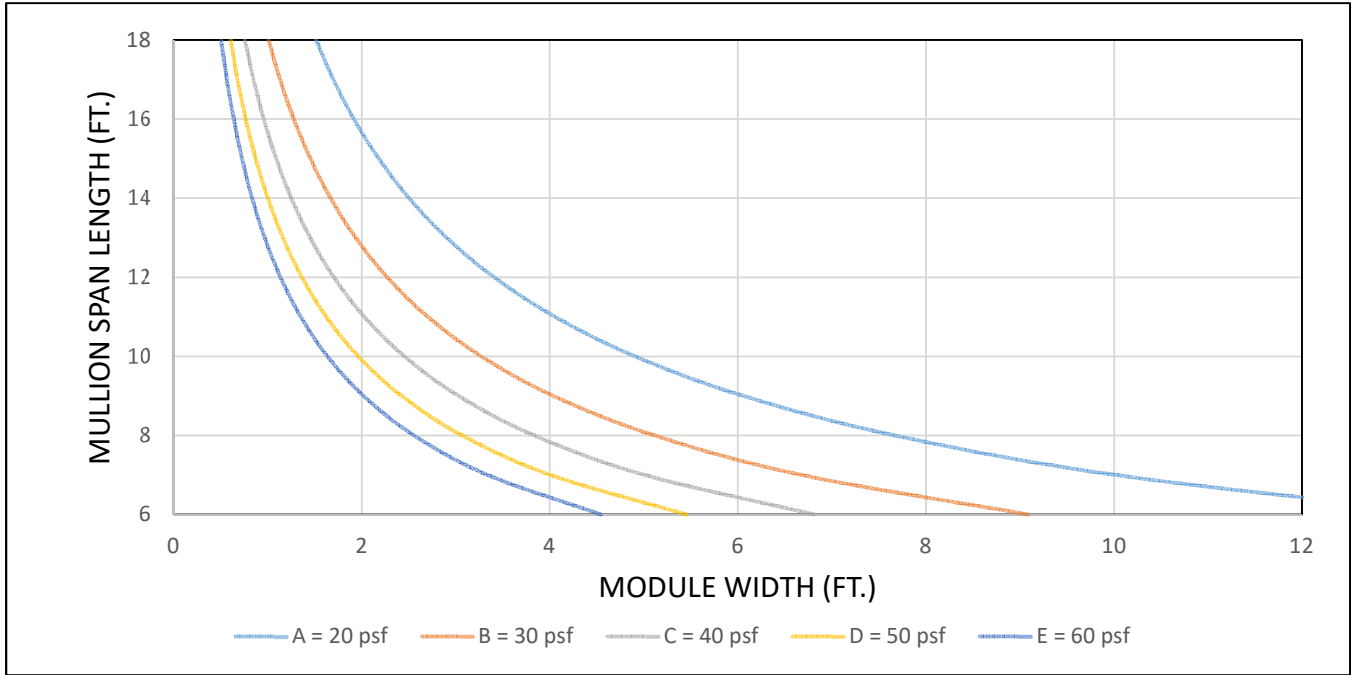
Loading Condition – Twin Span



1. Information and calculations are based on deflection criteria noted in AAMA TIR-A11-2015. Depending on the size of the glass utilized on a specific project, deflection may be governed by the maximum allowable deflection of $\frac{3}{8}$ " along the edge of a single lite of glass. For jamb conditions, the allowable deflection may be governed by the joint size.
2. This information does not consider the unbraced length of the mullion section or the allowable stress as governed by lateral torsional buckling.
3. These tables were developed assuming 6063-T6 aluminum alloy.
4. The information provided herein is for general information only. This information does not preclude the requirement to consult a registered design professional to verify the acceptability of the system for a specific project or application.

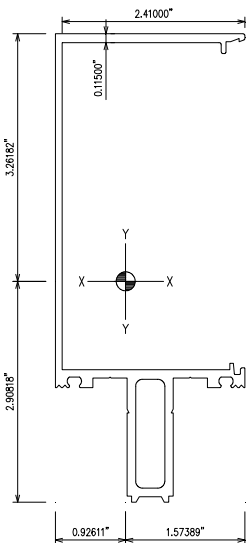
CURTAIN WALL 7000 SERIES –INTERMEDIATE OPEN MULLION WITH FILLER

Wind Load Capacity of Mullion Based on AAMA TIR-A11-2015^{1,2,3}



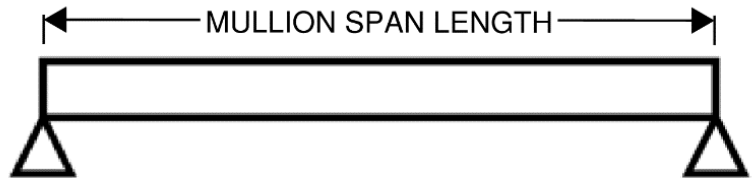
The MODULE WIDTH is the average module dimension of the two adjacent curtain wall bays.

The MULLION SPAN LENGTH is considered the distance between anchor points.



CDC SECTION PROPERTIES		
Area	1.438	IN ²
Perim.	24.111	IN
Weight	1.691	LBS/FT
X-X AXIS		
Ixx	6.487	IN ⁴
Sxx(max)	2.231	IN ³
Sxx(min)	1.989	IN ³
Rxx	2.124	IN
Y-Y AXIS		
Iyy	0.804	IN ⁴
Syy(max)	0.868	IN ³
Syy(min)	0.511	IN ³
Ryy	0.748	IN

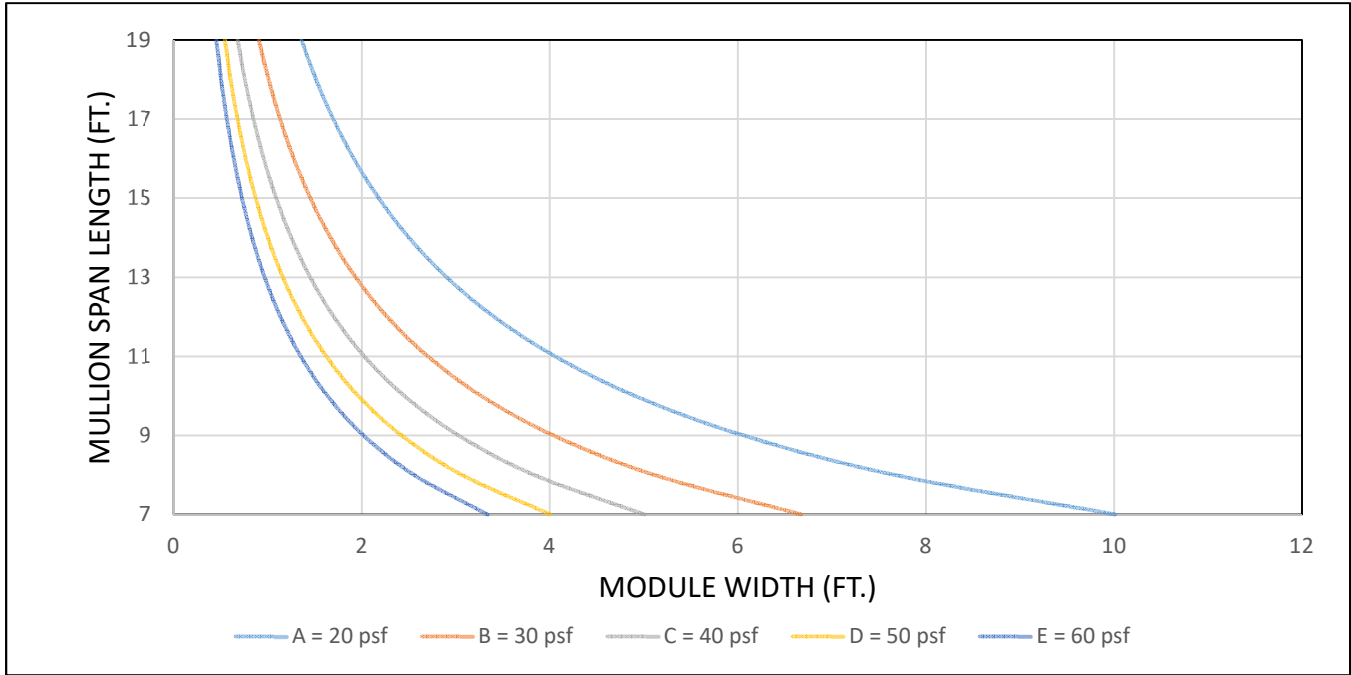
Loading Condition – Simple Span



- Information and calculations are based deflection criteria noted in AAMA TIR-A11-2015. Depending on the size of the glass utilized on a specific project, deflection may be governed by the maximum allowable deflection of $\frac{3}{4}$ " along the edge of a single lite of glass. For jamb conditions, the allowable deflection may be governed by the joint size
- This information does not consider the unbraced length of the mullion section or the allowable stress as governed by lateral torsional buckling.
- These tables were developed assuming 6063-T6 aluminum alloy.
- The information provide herein is for general information only. This information does not preclude the requirement to consult a registered design professional to verify the acceptability of the system for a specific project or application.

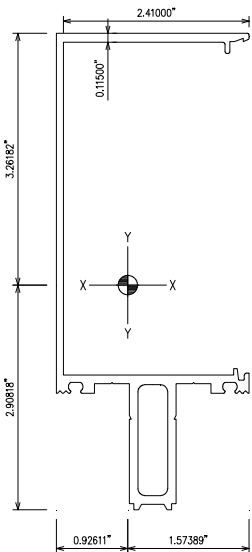
CURTAIN WALL 7000 SERIES –INTERMEDIATE OPEN MULLION WITH FILLER

Wind Load Capacity of Mullion Based on AAMA TIR-A11-2015^{1,2,3}



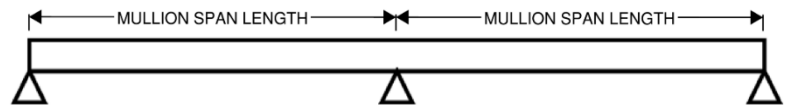
The MODULE WIDTH is the average module dimension of the two adjacent curtain wall bays.

The MULLION SPAN LENGTH is considered the distance between anchor points.



CDC SECTION PROPERTIES		
Area	1.438	IN ²
Perim.	24.111	IN
Weight	1.691	LBS/FT
X-X AXIS		
Ixx	6.487	IN ⁴
Sxx(max)	2.231	IN ³
Sxx(min)	1.989	IN ³
Rxx	2.124	IN
Y-Y AXIS		
Iyy	0.804	IN ⁴
Syy(max)	0.868	IN ³
Syy(min)	0.511	IN ³
Ryy	0.748	IN

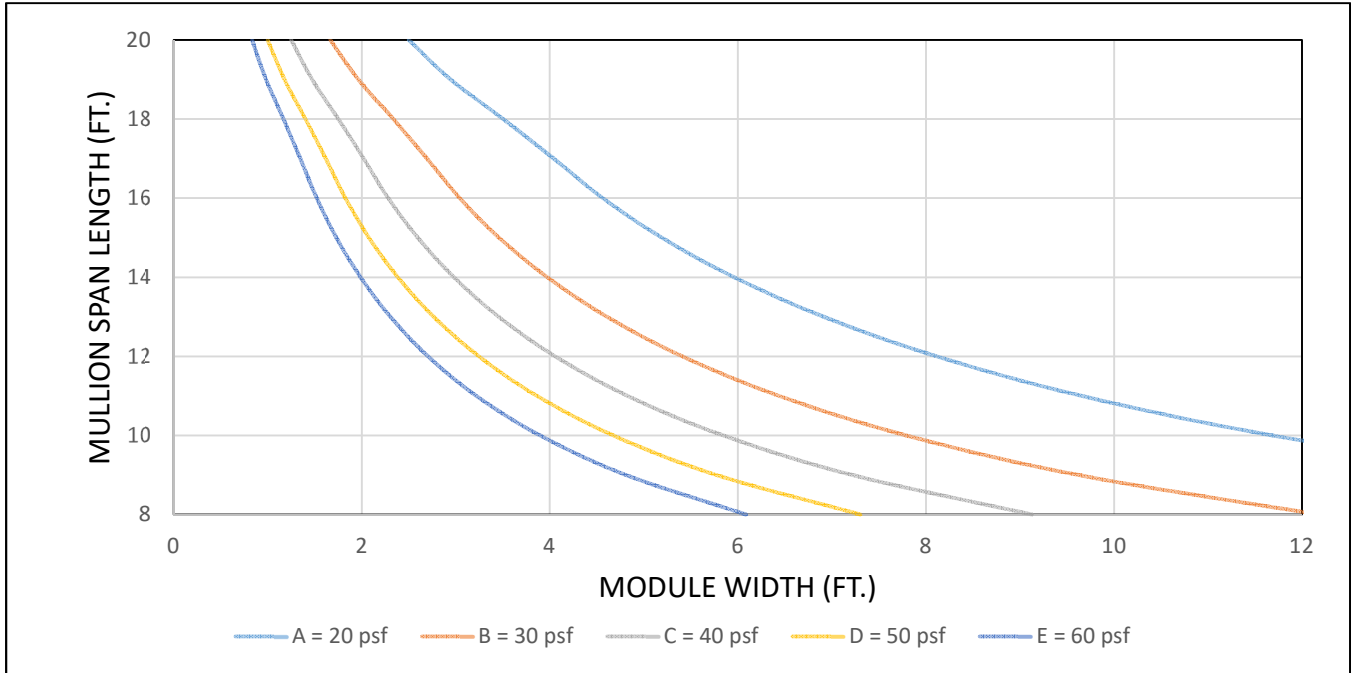
Loading Condition – Twin Span



- Information and calculations are based deflection criteria noted in AAMA TIR-A11-2015. Depending on the size of the glass utilized on a specific project, deflection may be governed by the maximum allowable deflection of $\frac{3}{4}$ " along the edge of a single lite of glass. For jamb conditions, the allowable deflection may be governed by the joint size
- This information does not consider the unbraced length of the mullion section or the allowable stress as governed by lateral torsional buckling.
- These tables were developed assuming 6063-T6 aluminum alloy.
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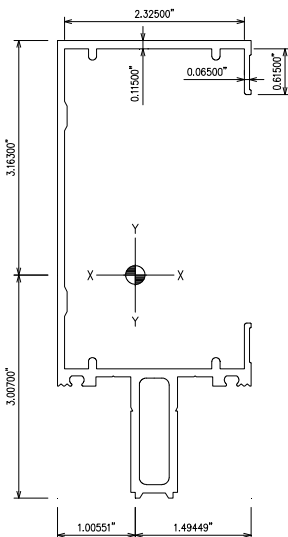
CURTAIN WALL 7000 SERIES – OPEN JAMB MULLION

Wind Load Capacity of Mullion Based on AAMA TIR-A11-2015^{1,2,3}



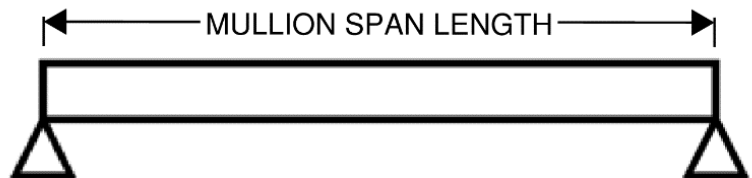
The MODULE WIDTH is the module dimension of the adjacent curtain wall bay.

The MULLION SPAN LENGTH is considered the distance between anchor points.



ATLAS SECTION PROPERTIES		
Area	1.602	IN ²
Perim.	27.065	IN
Weight	1.884	LBS/FT
X-X AXIS		
Ixx	7.200	IN ⁴
Sxx(max)	2.394	IN ³
Sxx(min)	2.276	IN ³
Rxx	2.120	IN
Y-Y AXIS		
Iyy	1.050	IN ⁴
Syy(max)	1.044	IN ³
Syy(min)	0.702	IN ³
Ryy	0.810	IN

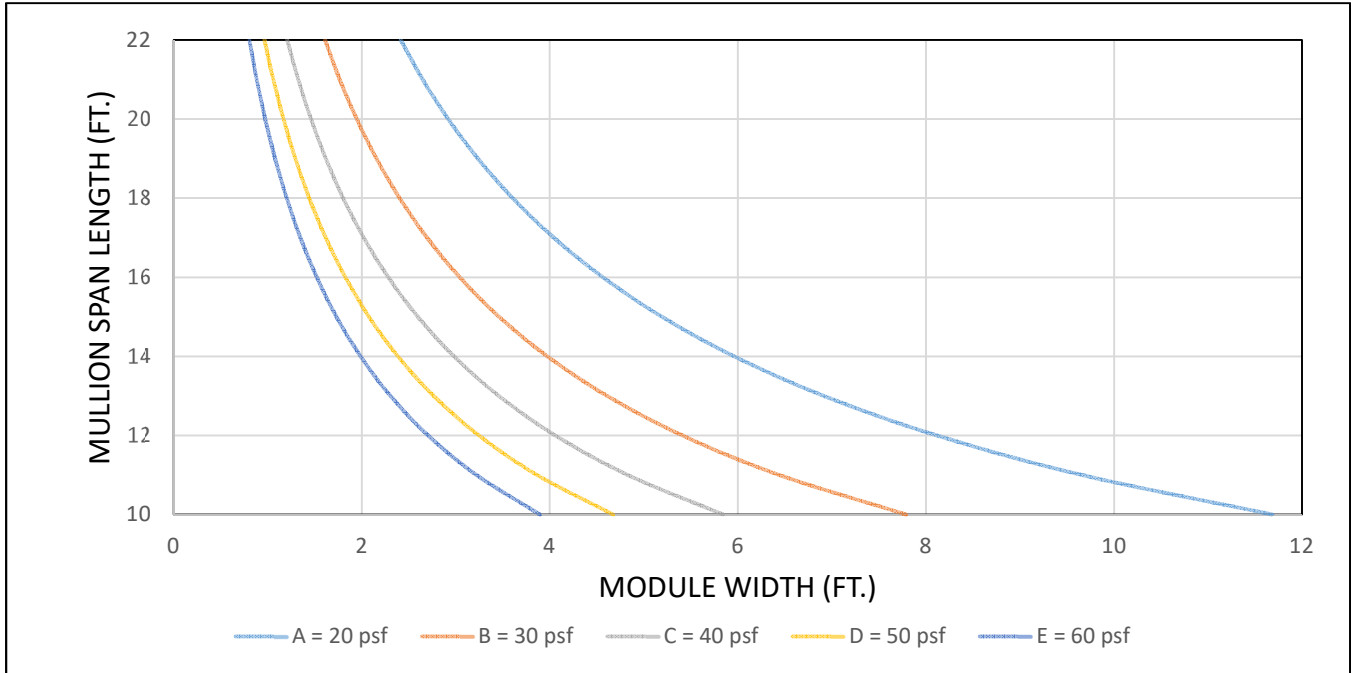
Loading Condition – Simple Span



- Information and calculations are based deflection criteria noted in AAMA TIR-A11-2015. Depending on the size of the glass utilized on a specific project, deflection may be governed by the maximum allowable deflection of 1/4" along the edge of a single lite of glass. For jamb conditions, the allowable deflection may be governed by the joint size
- This information does not consider the unbraced length of the mullion section or the allowable stress as governed by lateral torsional buckling.
- These tables were developed assuming 6063-T6 aluminum alloy.
- The information provide herein is for general information only. This information does not preclude the requirement to consult a registered design professional to verify the acceptability of the system for a specific project or application.

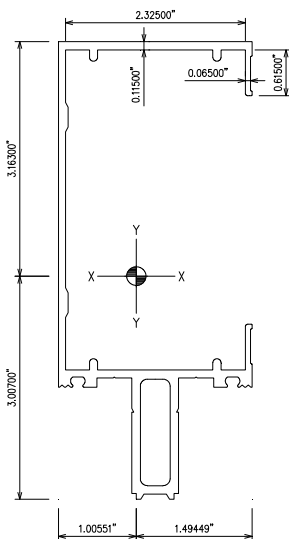
CURTAIN WALL 7000 SERIES –OPEN JAMB MULLION

Wind Load Capacity of Mullion Based on AAMA TIR-A11-2015^{1,2,3}



The MODULE WIDTH is the module dimension of the adjacent curtain wall bay.

The MULLION SPAN LENGTH is considered the distance between anchor points.



ATLAS SECTION PROPERTIES		
Area	1.602	IN ²
Perim.	27.065	IN
Weight	1.884	LBS/FT
X-X AXIS		
Ixx	7.200	IN ⁴
Sxx(max)	2.394	IN ³
Sxx(min)	2.276	IN ³
Rxx	2.120	IN
Y-Y AXIS		
Iyy	1.050	IN ⁴
Syy(max)	1.044	IN ³
Syy(min)	0.702	IN ³
Ryy	0.810	IN

Loading Condition – Twin Span



- Information and calculations are based deflection criteria noted in AAMA TIR-A11-2015. Depending on the size of the glass utilized on a specific project, deflection may be governed by the maximum allowable deflection of $\frac{1}{4}$ " along the edge of a single lite of glass. For jamb conditions, the allowable deflection may be governed by the joint size
- This information does not consider the unbraced length of the mullion section or the allowable stress as governed by lateral torsional buckling.
- These tables were developed assuming 6063-T6 aluminum alloy.
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