Extrusion: **A299202**

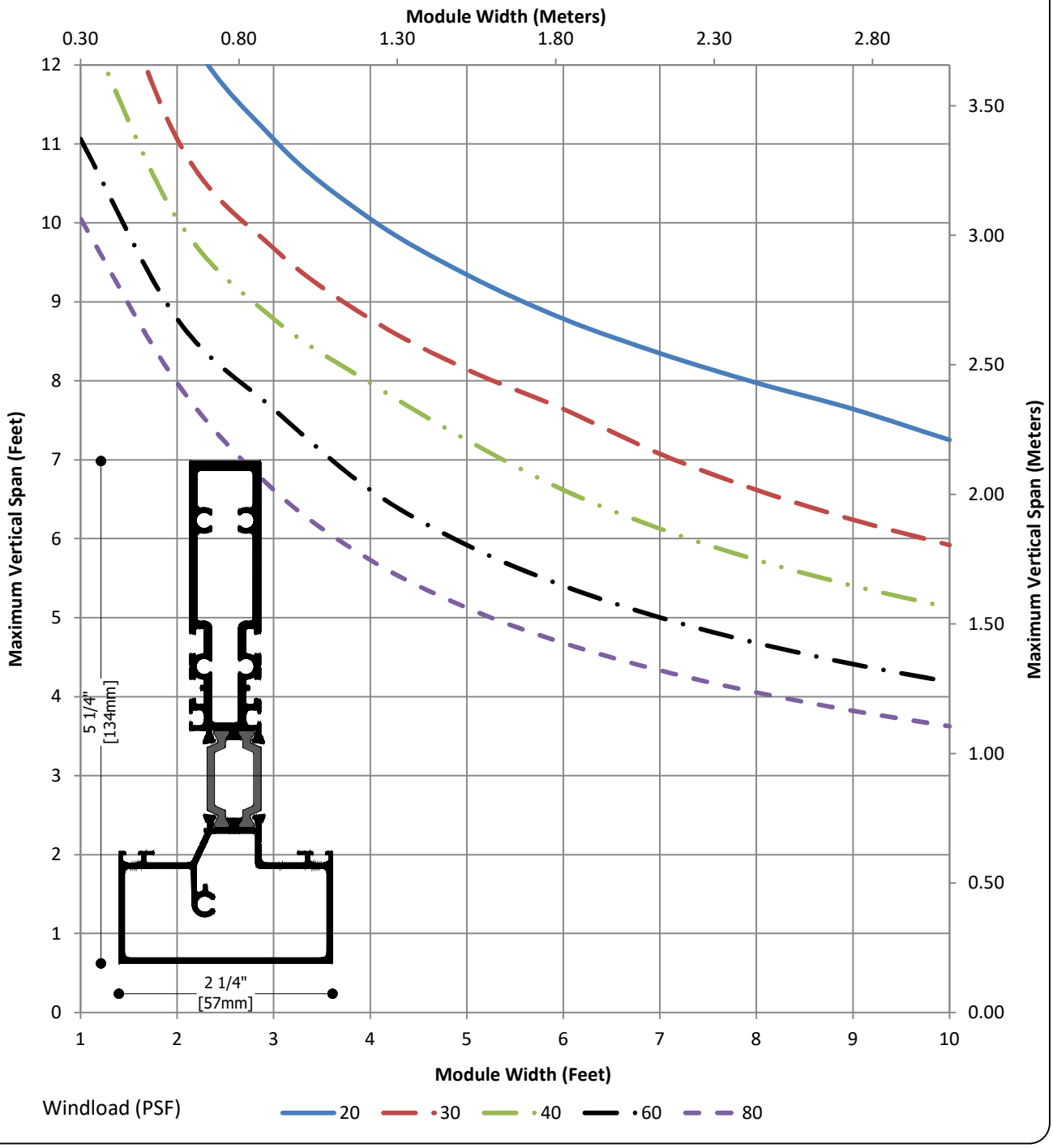
System: **RainBlade 2990 FeatureLine**

Typical Use: 5.25" Double Glazed Mullion

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
2.94	0.2748	1.0408	0.24376	1.693	0.5177	2.733	0.3292	0.6641	1.897

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 0 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 12 feet maximum.



Extrusion: **A299202_EA294001**

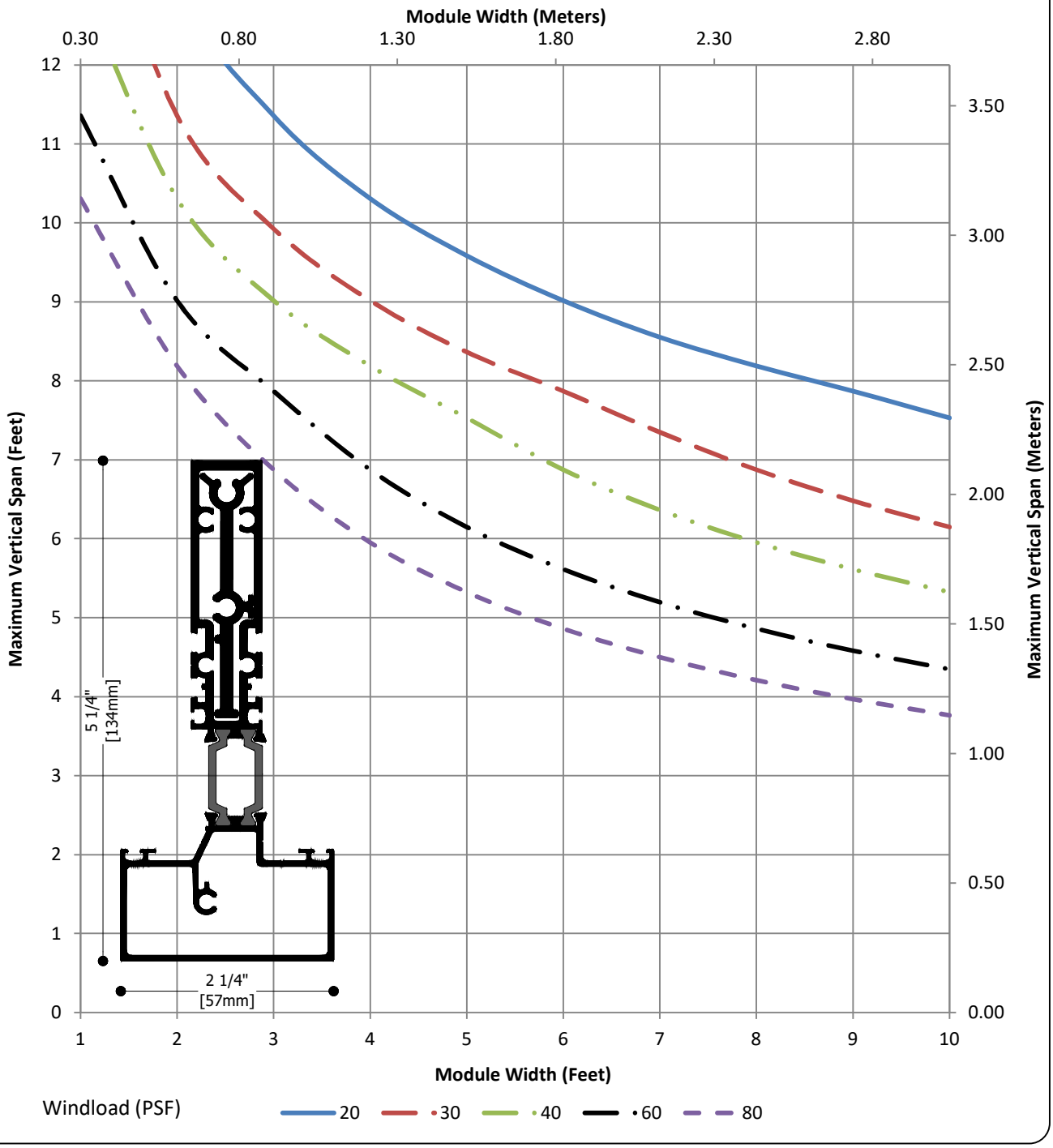
System: **RainBlade 2990 FeatureLine**

Typical Use: 5.25" Double Glazed Mullion w/Reinforcement

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.1713	0.2782	1.12268	0.24376	1.37336	0.40676	2.733	0.3309	0.6654	2.1561

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 0 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 12 feet maximum.



Extrusion: **A299202 with 1/4" x 2-1/2" Bar**

System: **RainBlade 2990 FeatureLine**

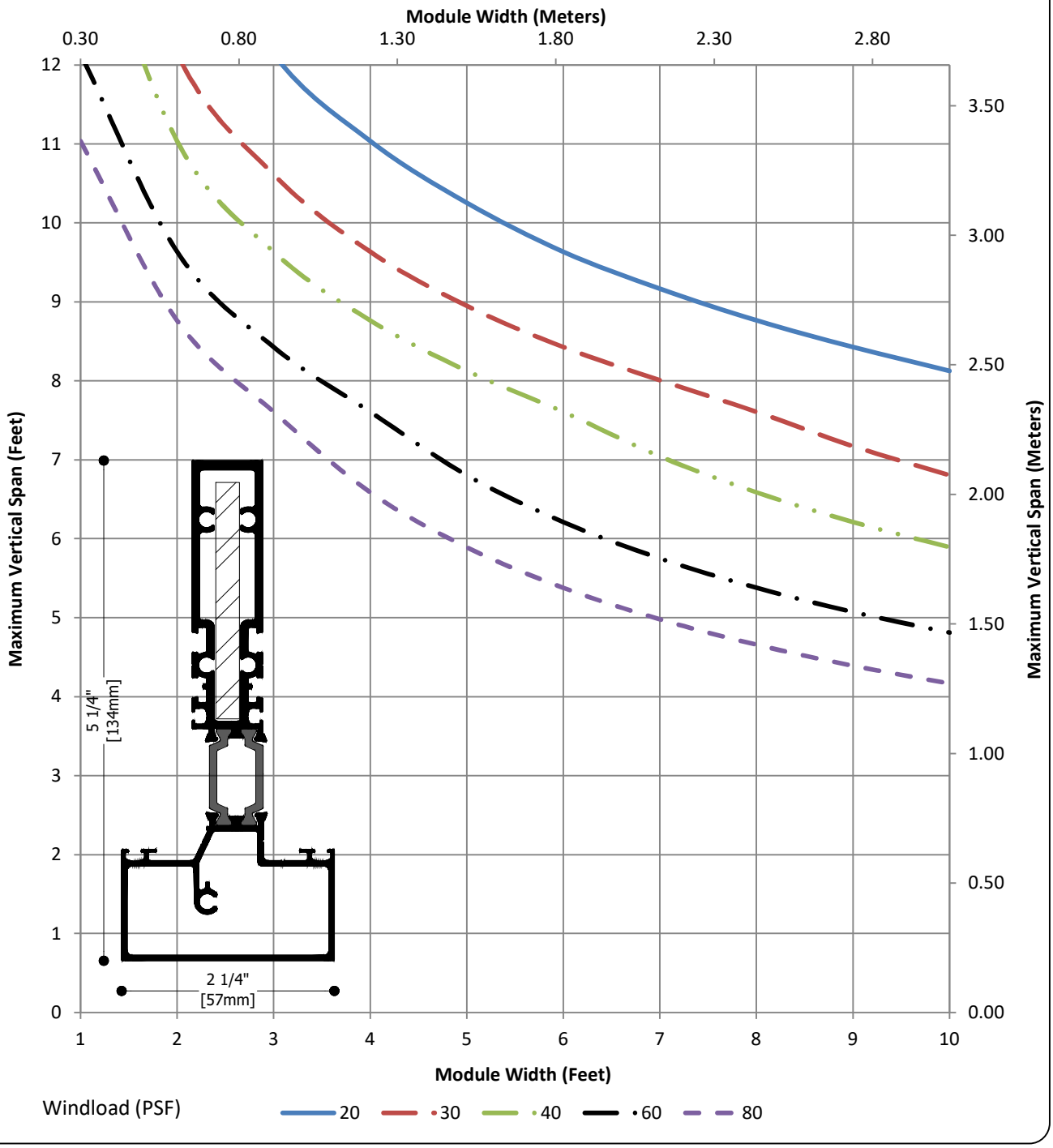
Typical Use: 5.25" Double Glazed Mullion w/Steel Reinforcement

Alloy: 6063 T6

Architectural FRAMING SYSTEMS

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.88395	0.28437	1.37497	0.25225	1.693	0.5177	2.733	0.3292	0.6641	1.897

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 0 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 12 feet maximum.



Extrusion: **A299203_A299204**

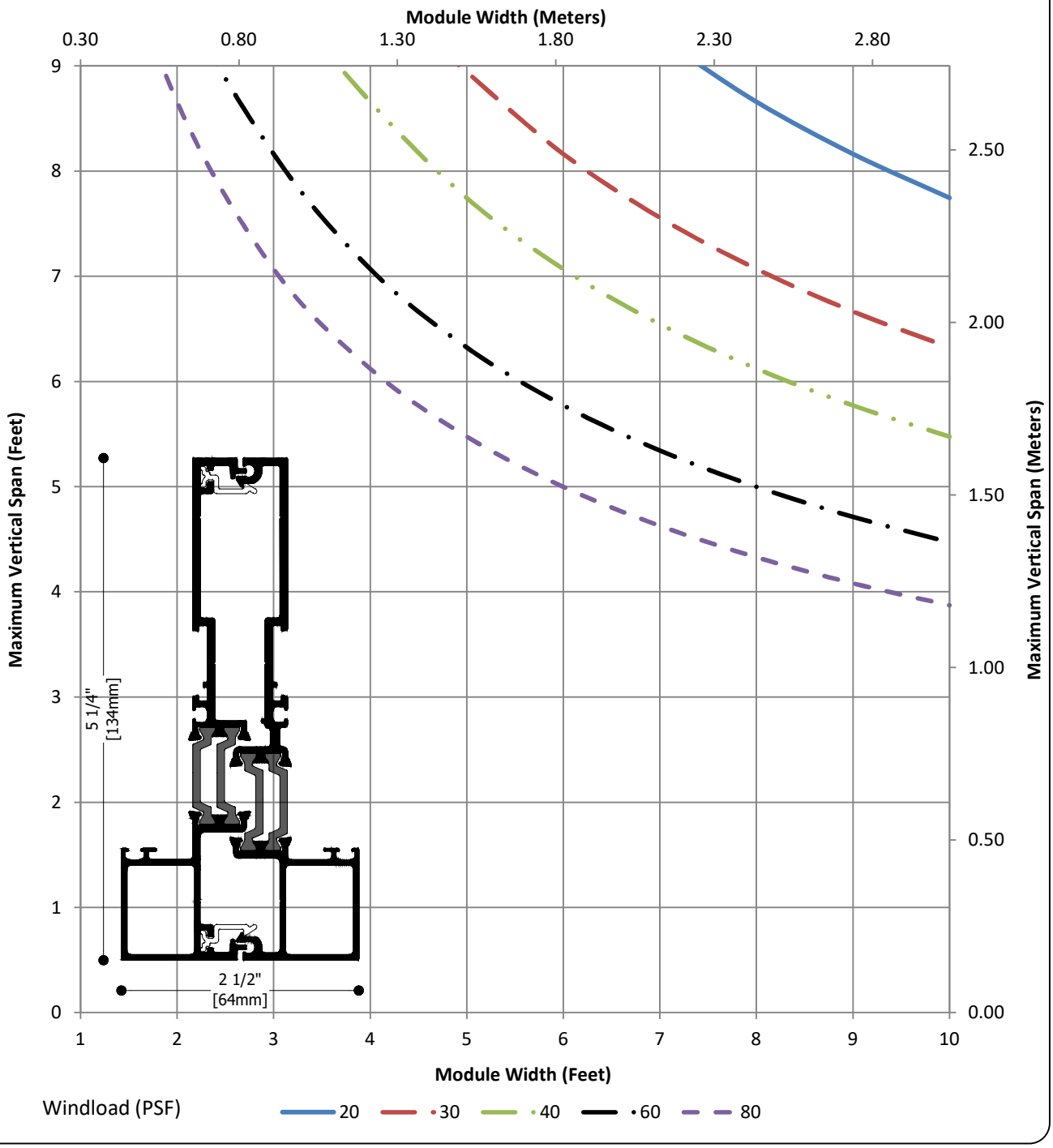
System: **RainBlade 2990 FeatureLine**

Typical Use: 5.25" Double Glazed Split Mullion

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.6968	0.14736	1.18738	0.12416	1.50806	0.30109	3.13	0.1272	0.2447	2.362

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 6 antibuckling clips. Maximum vertical spacing between antibuckling clips is 2 feet (0.61 meters) maximum.



Extrusion: **A299203_A299204 with 1/2" x 2" Bar**

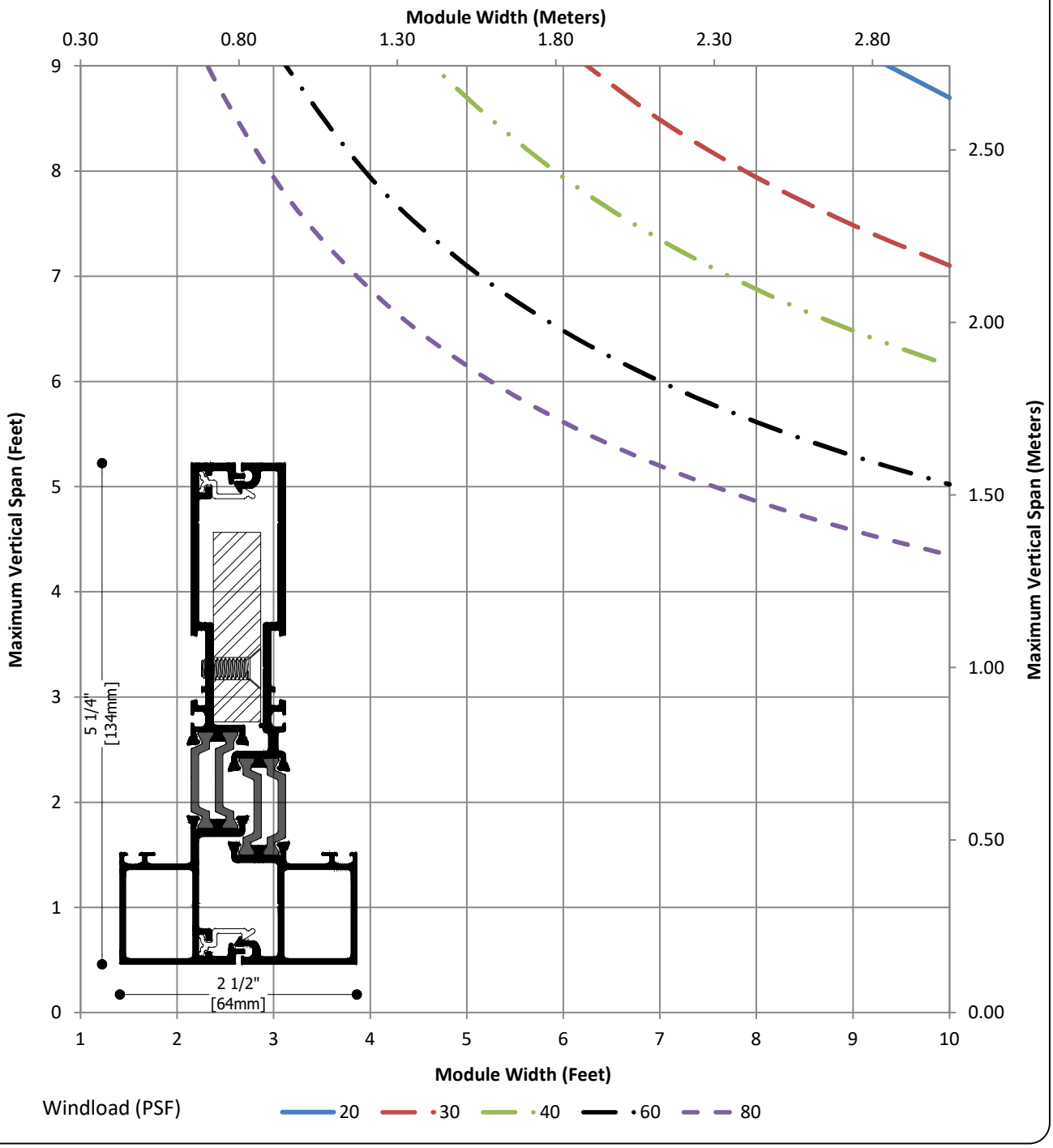
System: **RainBlade 2990 FeatureLine**

Typical Use: 5.25" Double Glazed w/Reinforced Split Mullion

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
4.66337	0.20768	1.49783	0.17498	1.50806	0.30109	3.13	0.1272	0.2447	2.362

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 6 antibuckling clips. Maximum vertical spacing between antibuckling clips is 2 feet (0.61 meters) maximum.



Extrusion: **A299222**

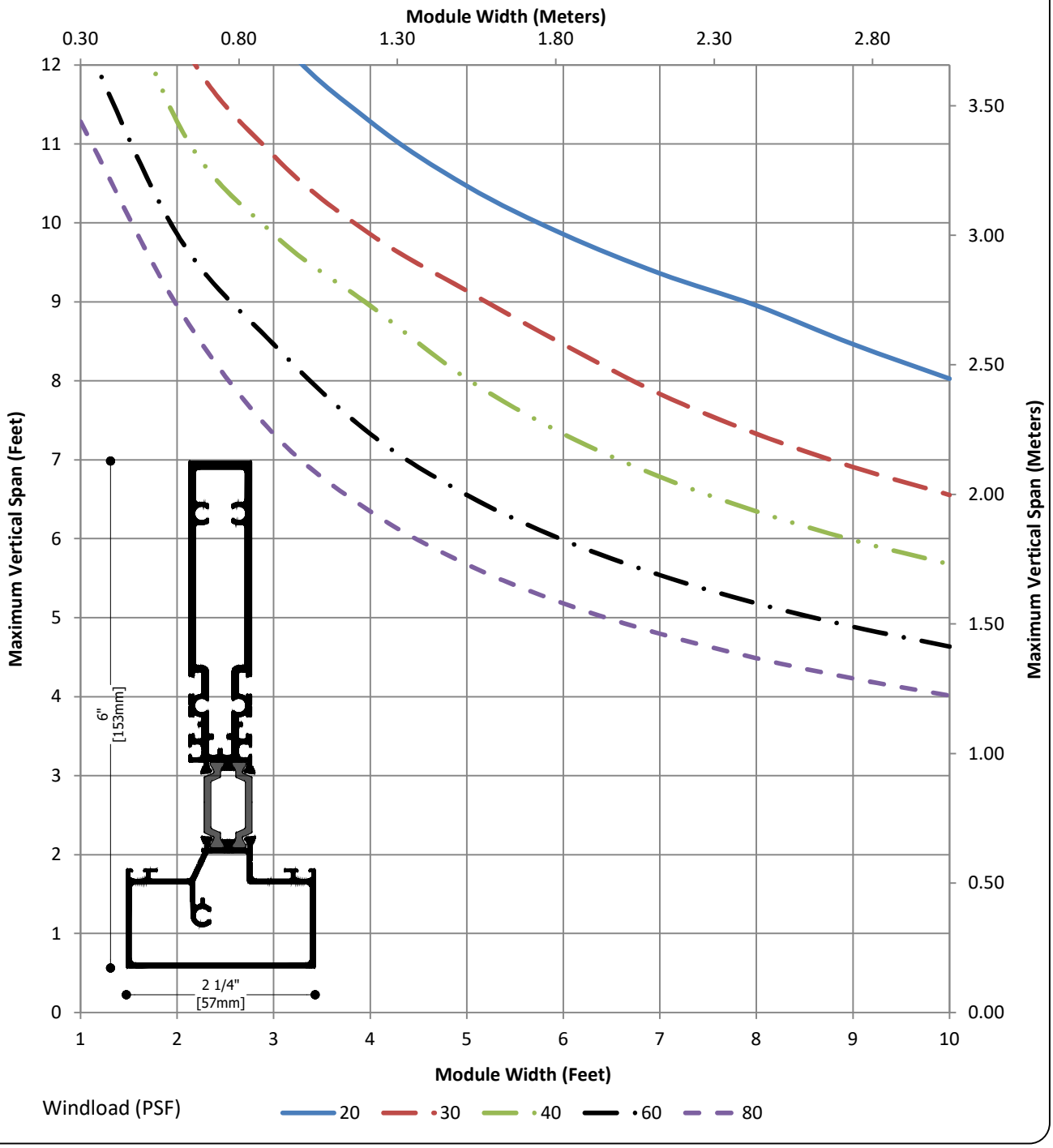
System: **RainBlade 2990 FeatureLine**

Typical Use: 6" Double Glazed Mullion

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
4.148	0.28576	1.276	0.25344	1.915	0.5027	3.101	0.3797	1.003	2.333

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 0 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 12 feet maximum.



Extrusion: **A299222_EA294001**

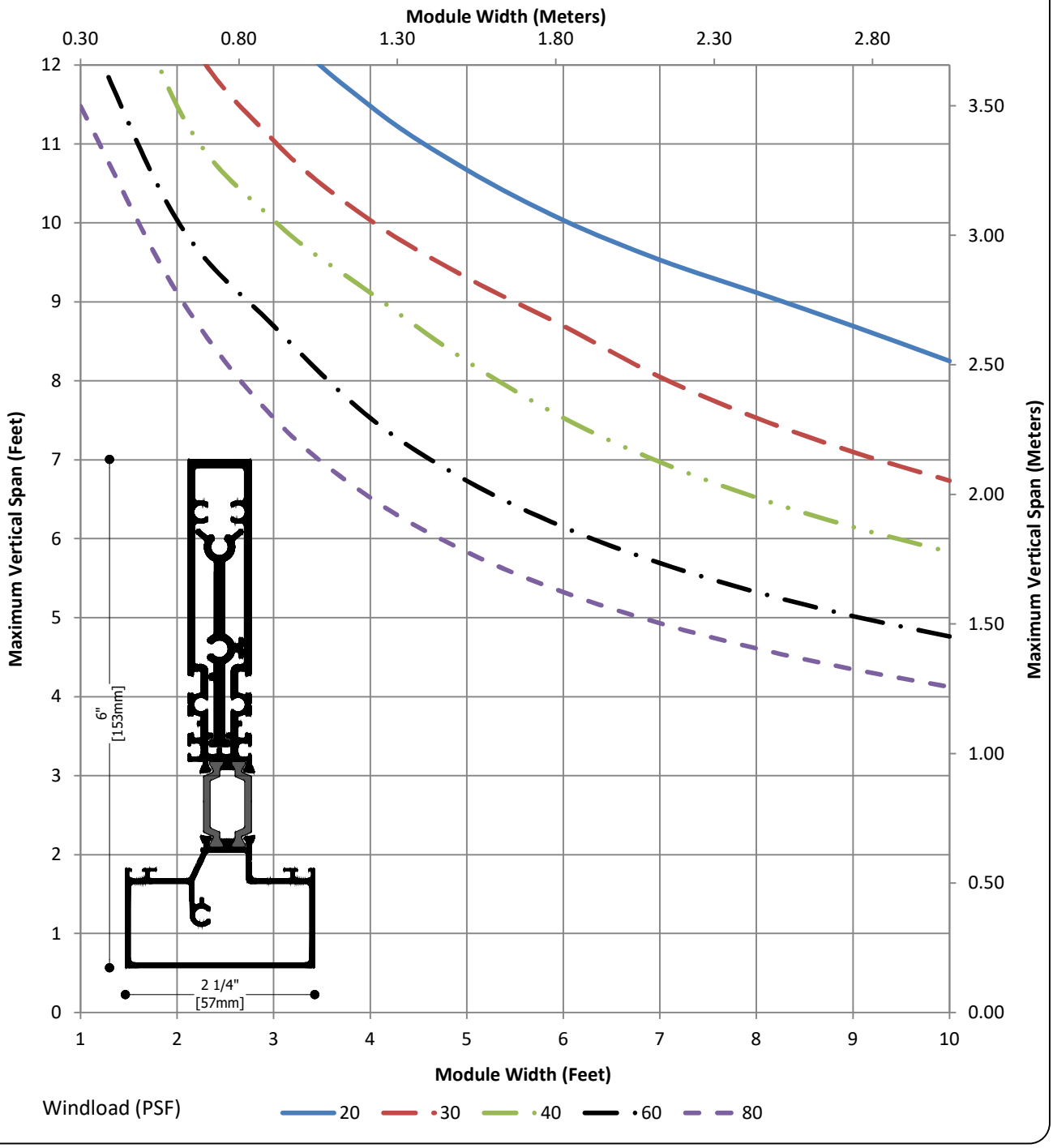
System: **RainBlade 2990 FeatureLine**

Typical Use: 6" Double Glazed Mullion w/Reinforcement

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
4.3793	0.28916	1.34715	0.25344	1.55402	0.39932	3.101	0.3814	1.0043	2.5921

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 0 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 12 feet maximum.



Extrusion: **A299222 with 1/4" x 3" Bar**

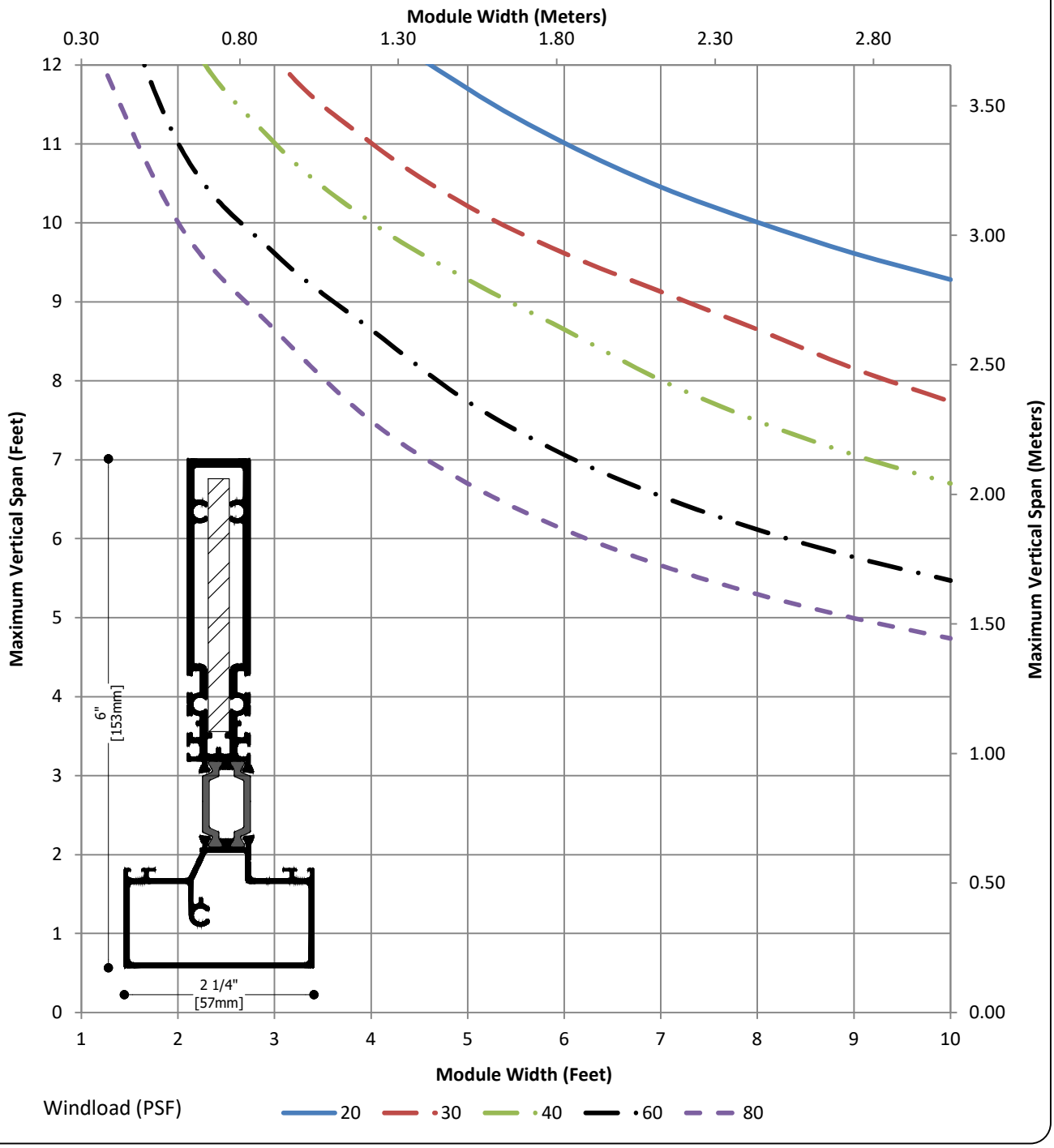
System: **RainBlade 2990 FeatureLine**

Typical Use: 6" Double Glazed Mullion w/Steel Reinforcement

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
5.77925	0.29707	1.7778	0.26347	1.915	0.5027	3.101	0.3797	1.003	2.333

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 0 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 12 feet maximum.



Extrusion: **A299223_A299224**

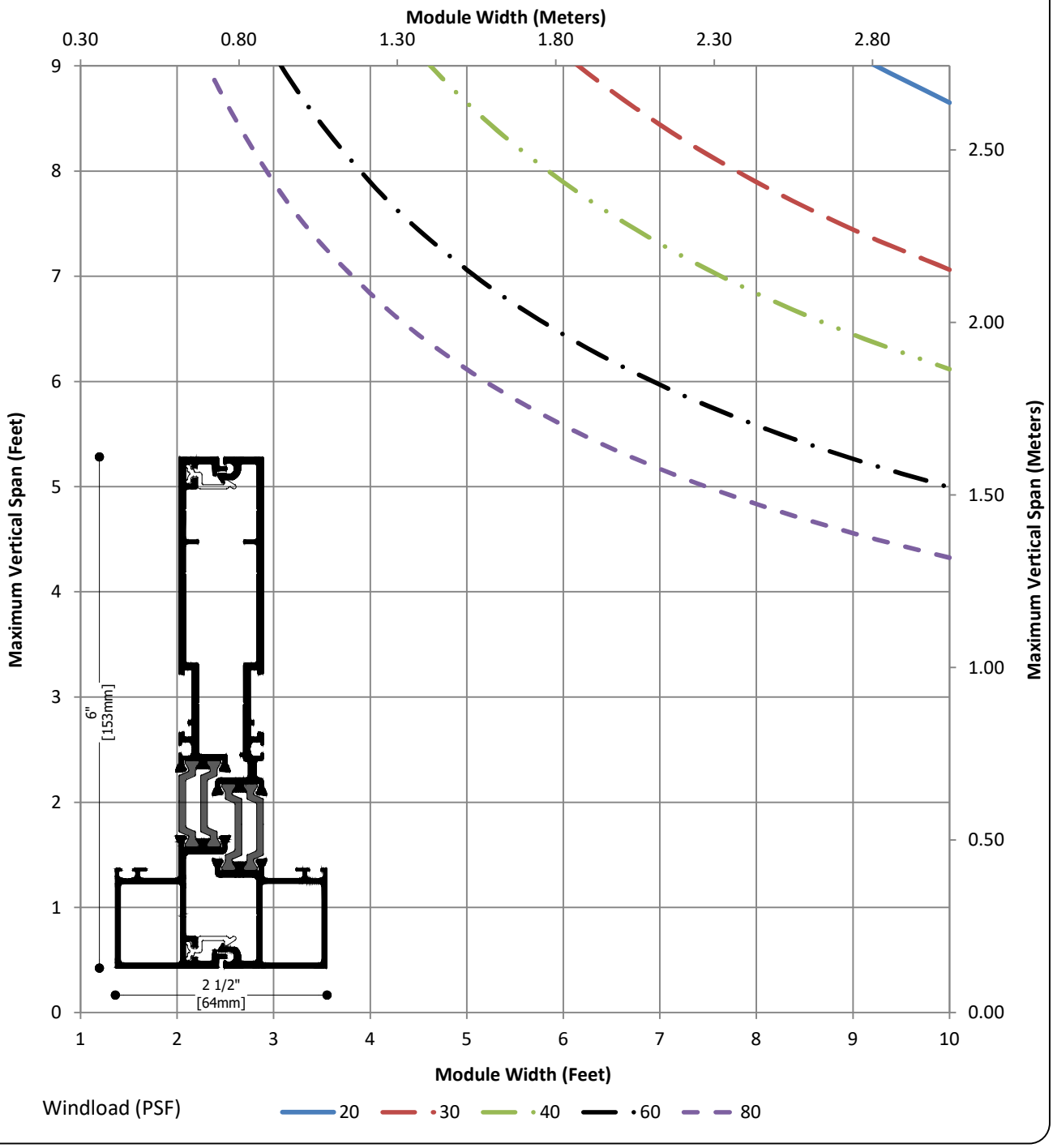
System: **RainBlade 2990 FeatureLine**

Typical Use: 6" Double Glazed Split Mullion

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
5.2672	0.14768	1.4813	0.1244	1.73044	0.28975	3.79	0.1275	0.3335	2.904

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 6 antibuckling clips. Maximum vertical spacing between antibuckling clips is 2 feet (0.61 meters) maximum.



Extrusion: **A299223_A299224 with 1/2 x 3" Bar**

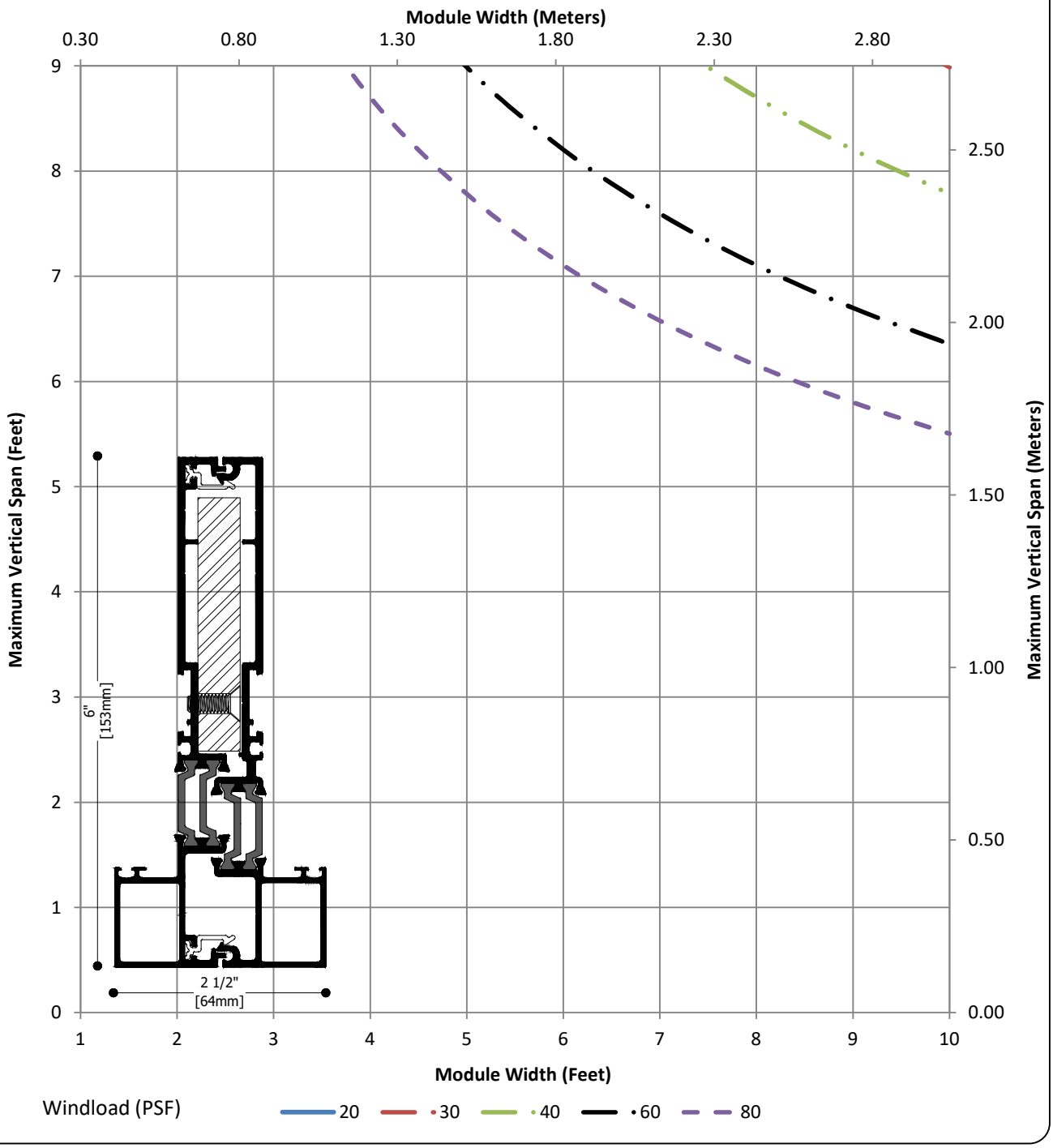
System: **RainBlade 2990 FeatureLine**

Typical Use: 6" Double Glazed w/Reinforced Split Mullion

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
8.5297	0.23831	2.39882	0.20074	1.73044	0.28975	3.79	0.1275	0.3335	2.904

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 6 antibuckling clips. Maximum vertical spacing between antibuckling clips is 2 feet (0.61 meters) maximum.



Extrusion: **A299302**

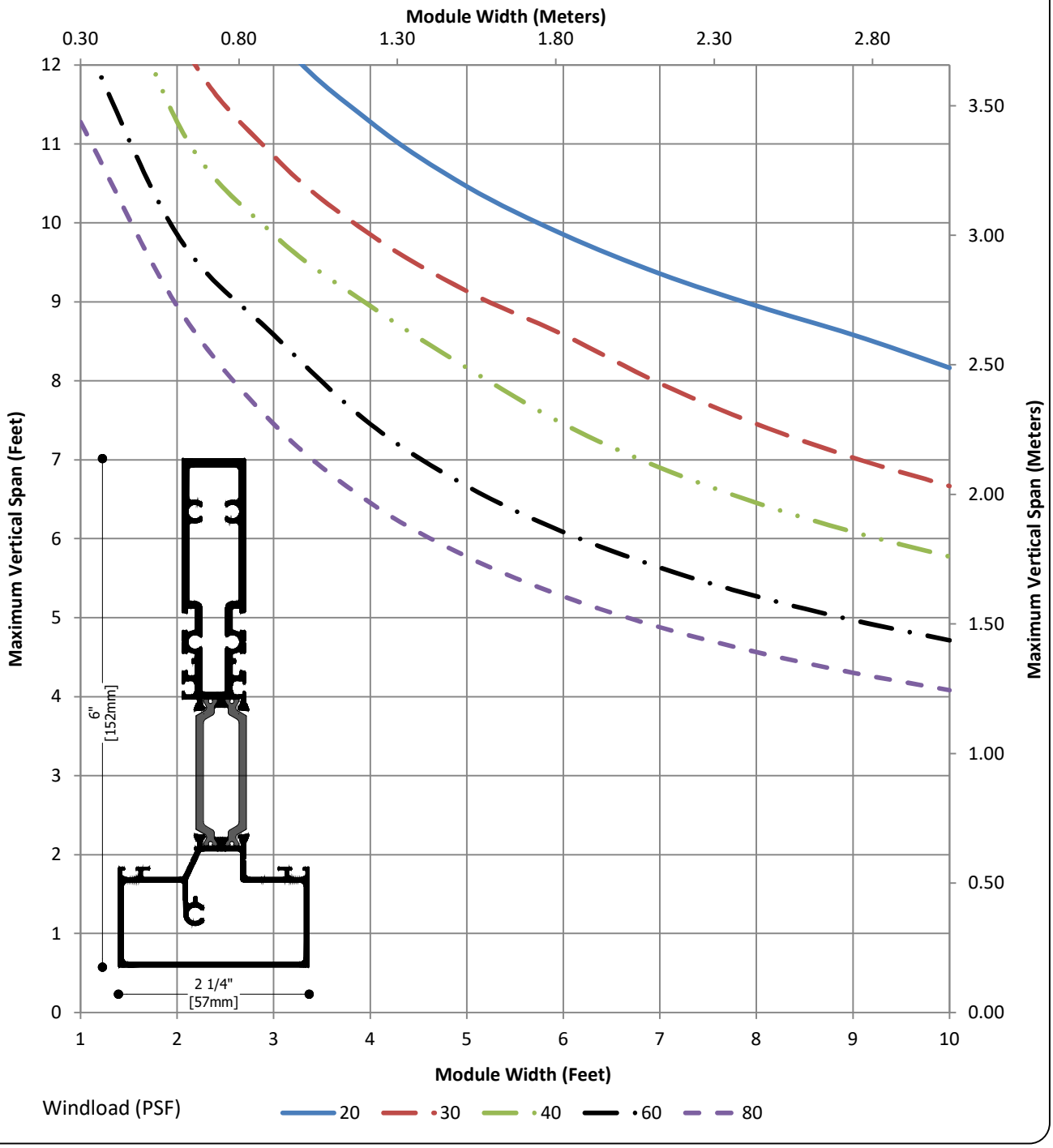
System: **RainBlade 2990 FeatureLine**

Typical Use: 6" Triple Glazed Mullion

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
4.1416	0.27504	1.32	0.24464	1.993	0.5136	3.161	0.3293	0.9293	2.305

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 0 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 12 feet maximum.



Extrusion: **A299302_EA294001**

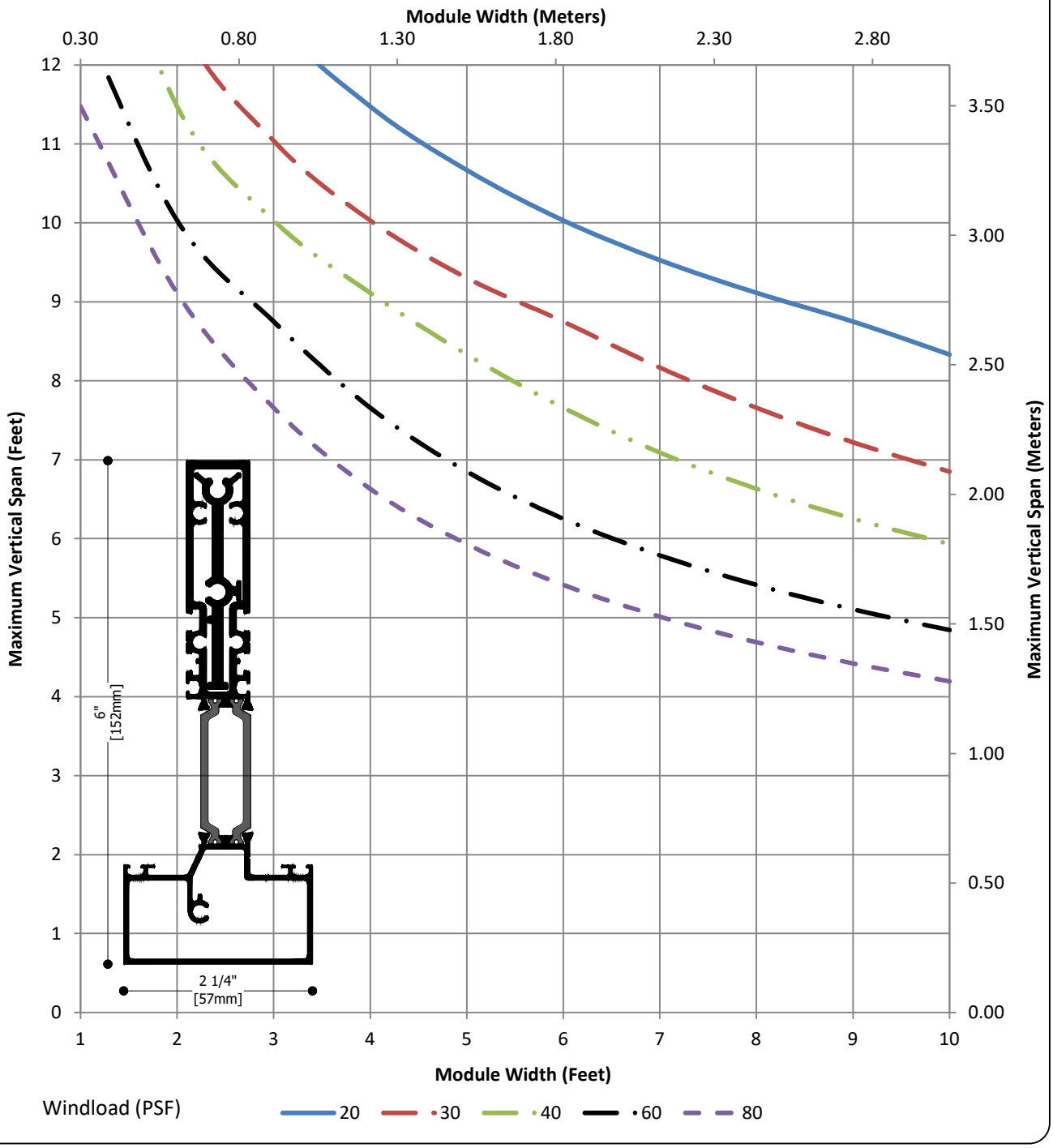
System: **RainBlade 2990 FeatureLine**

Typical Use: 6" Triple Glazed Mullion w/Reinforcement

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
4.3729	0.27844	1.39372	0.24464	1.60271	0.40442	3.161	0.331	0.9306	2.5641

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 0 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 12 feet maximum.



Extrusion: **A299302 with 1/4" x 2-1/2" Bar**

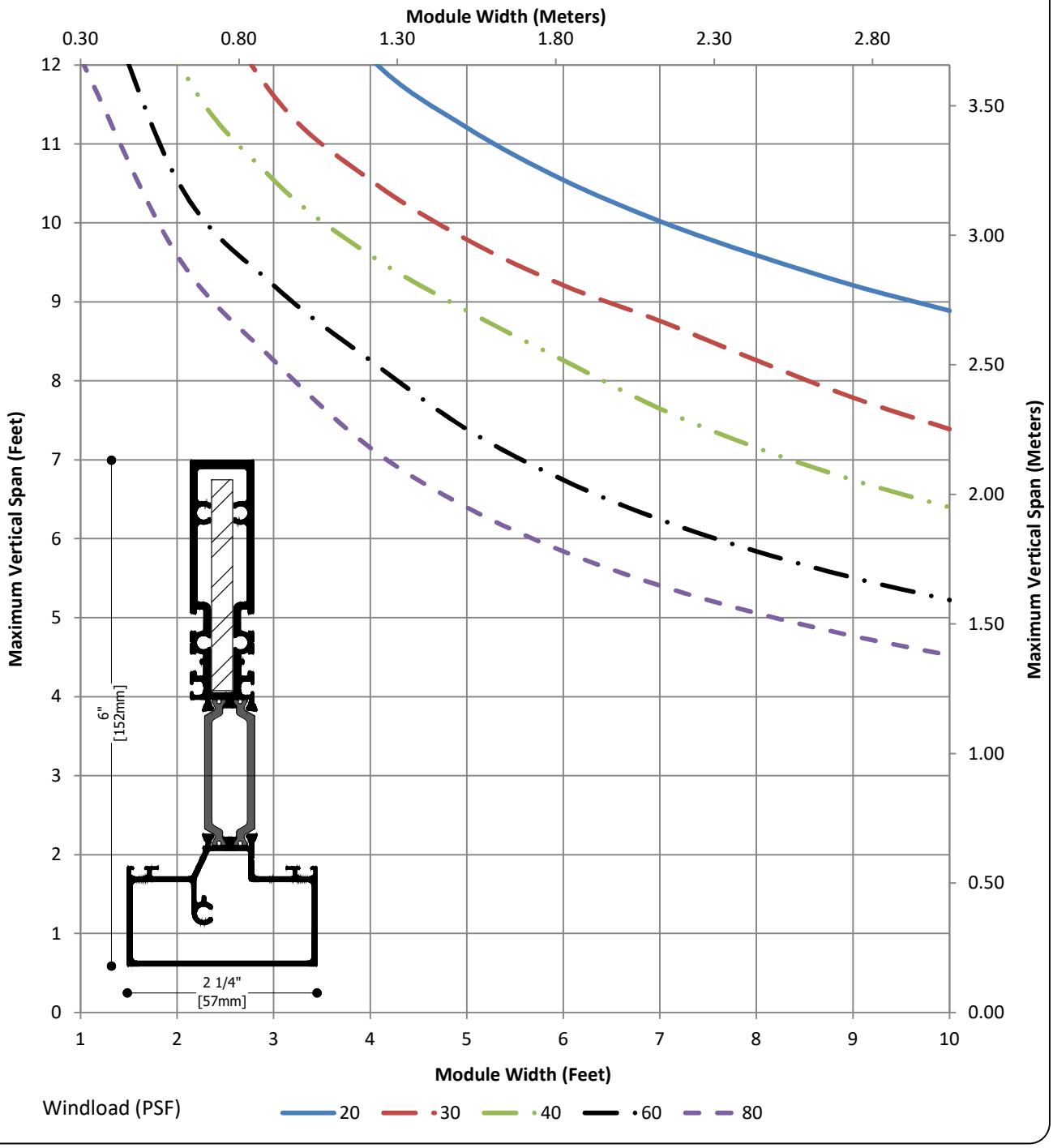
System: **RainBlade 2990 FeatureLine**

Typical Use: 6" Triple Glazed Mullion w/Steel Reinforcement

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
5.08555	0.28461	1.62085	0.25315	1.993	0.5136	3.161	0.3293	0.9293	2.305

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 0 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 12 feet maximum.



Extrusion: **A299303_A299304**

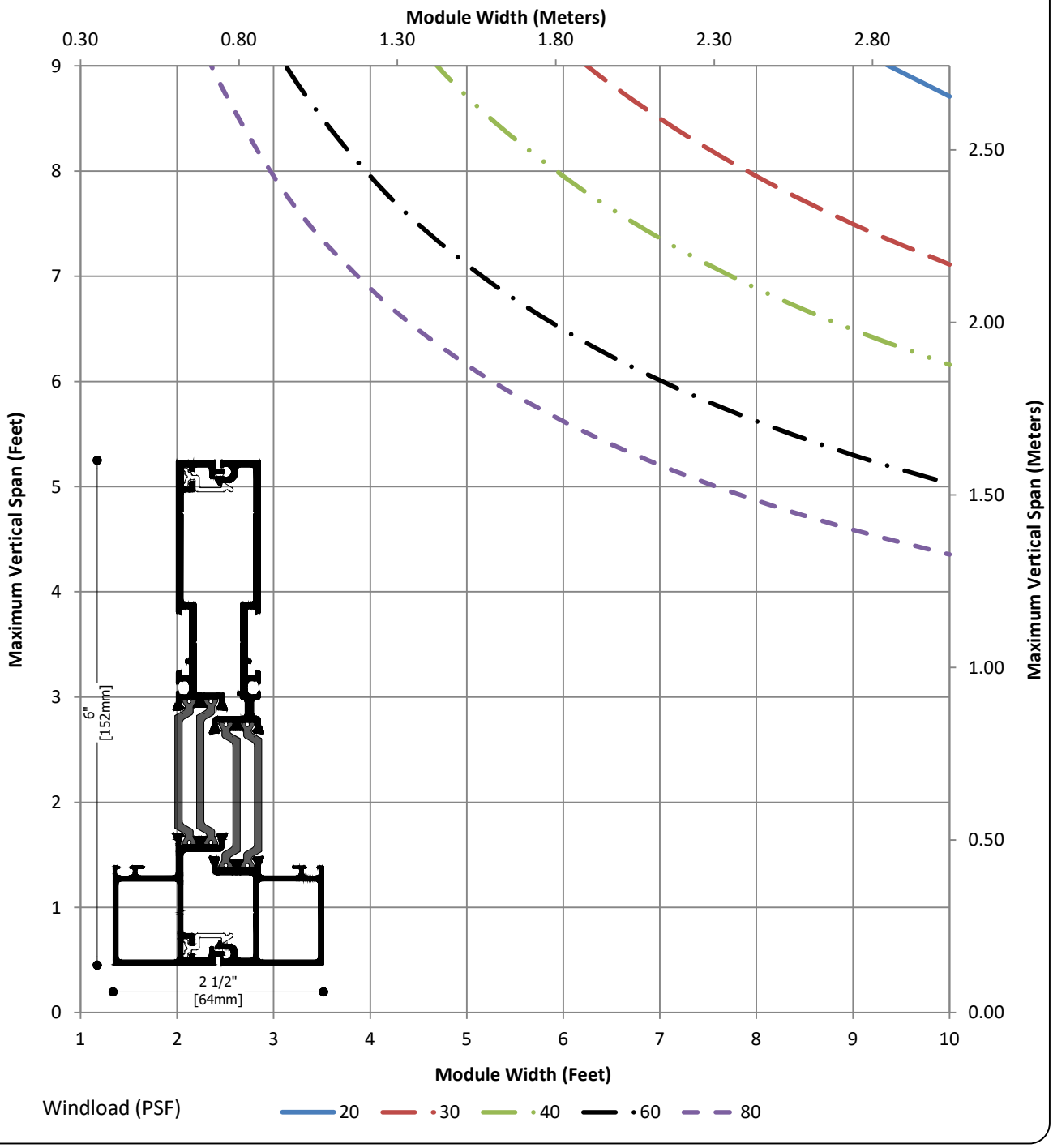
System: **RainBlade 2990 FeatureLine**

Typical Use: 6" Triple Glazed Split Mullion

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
5.2024	0.1488	1.50207	0.1264	1.76537	0.29856	3.583	0.1272	0.338	2.942

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 6 antibuckling clips. Maximum vertical spacing between antibuckling clips is 2 feet (0.61 meters) maximum.



Extrusion: **A299303_A299304 with 1/2" x 2" Bar**

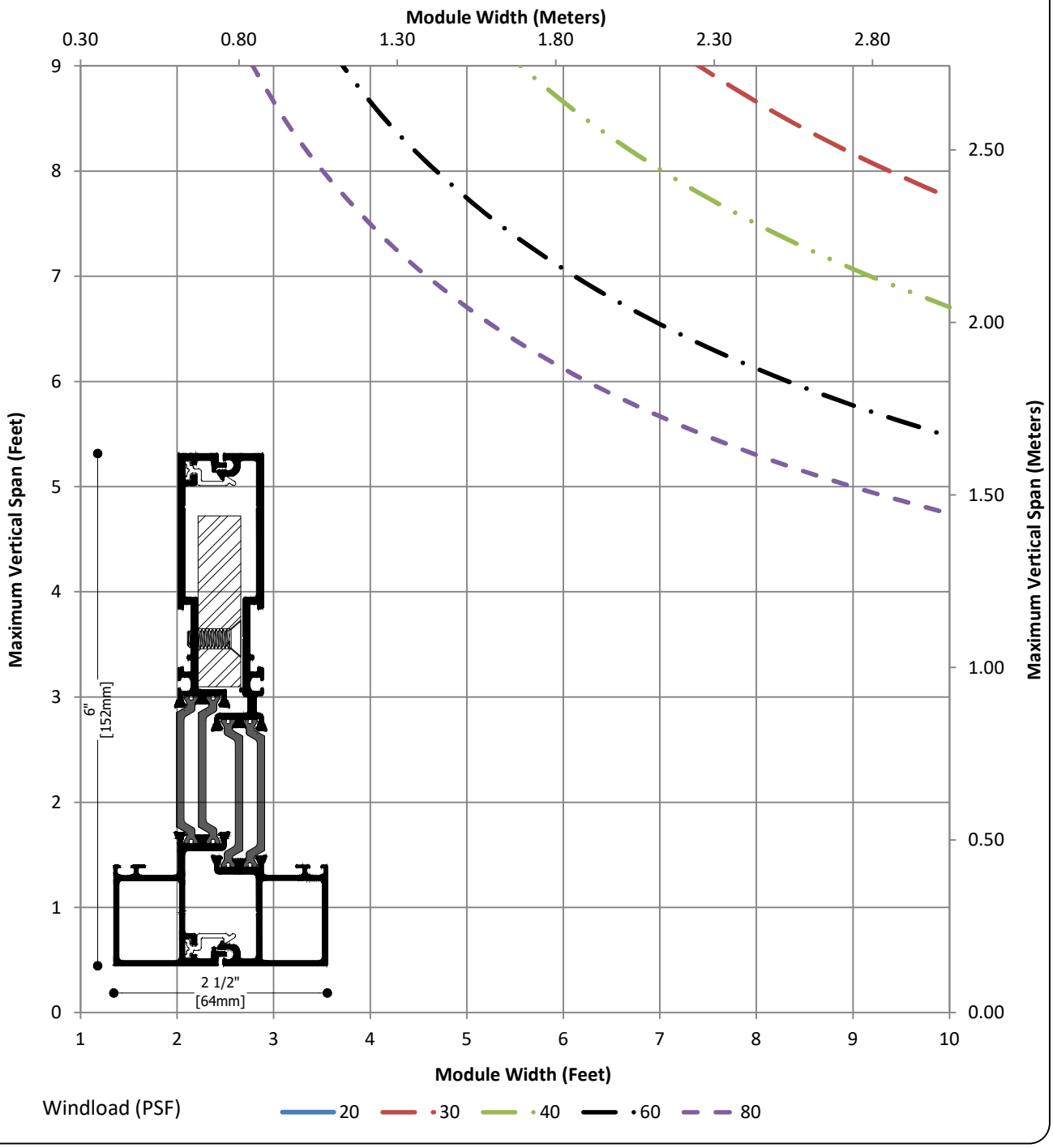
System: **RainBlade 2990 FeatureLine**

Typical Use: 6" Triple Glazed w/Reinforced Split Mullion

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
6.16897	0.20912	1.78115	0.17764	1.76537	0.29856	3.583	0.1272	0.338	2.942

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 6 antibuckling clips. Maximum vertical spacing between antibuckling clips is 2 feet (0.61 meters) maximum.



Extrusion: **A299322**

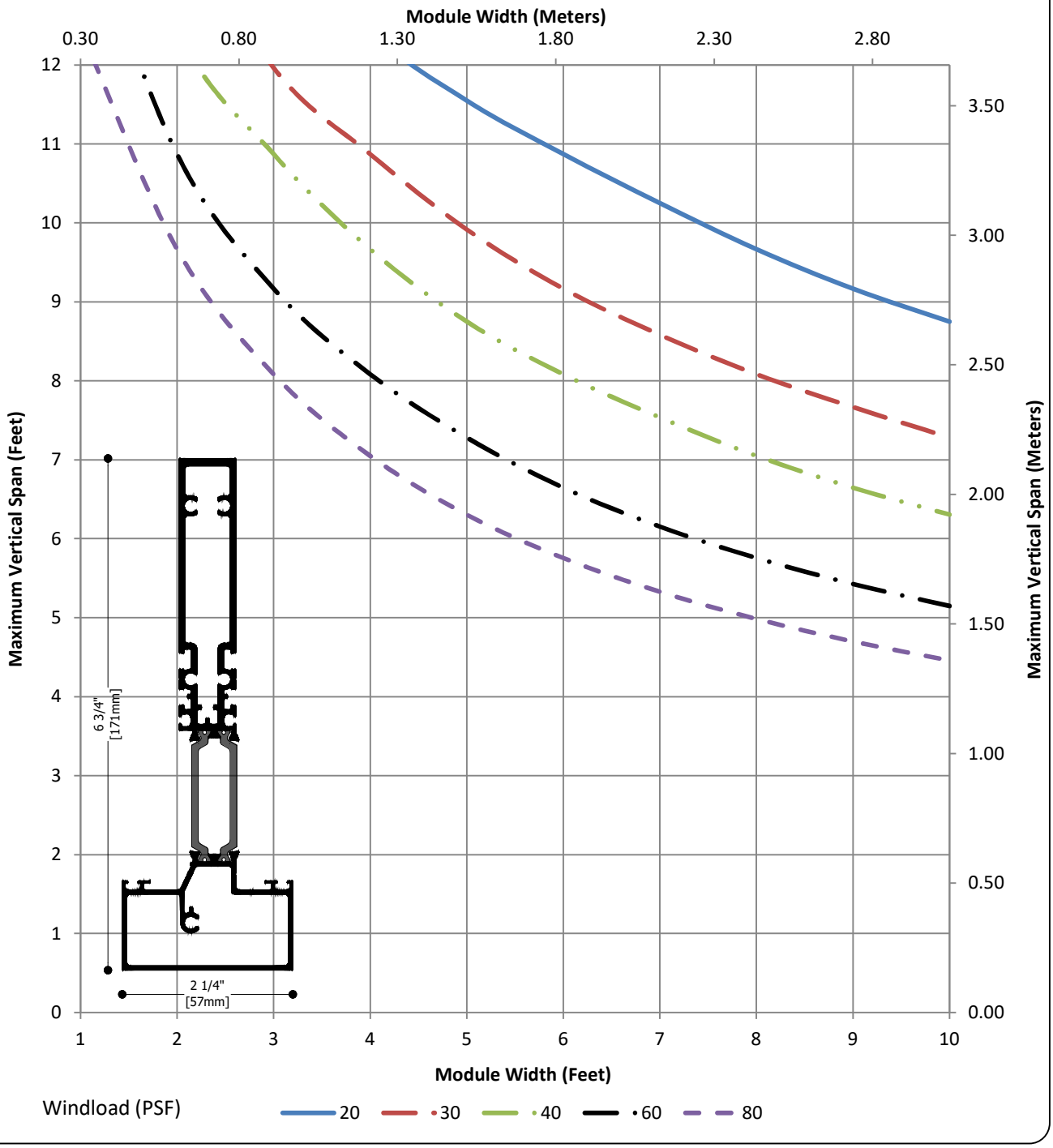
System: **RainBlade 2990 FeatureLine**

Typical Use: 6.75" Triple Glazed Mullion

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
5.5688	0.28592	1.5744	0.25432	2.202	0.499	3.455	0.3797	1.356	2.745

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 0 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 12 feet maximum.



Extrusion: **A299322_EA294001**

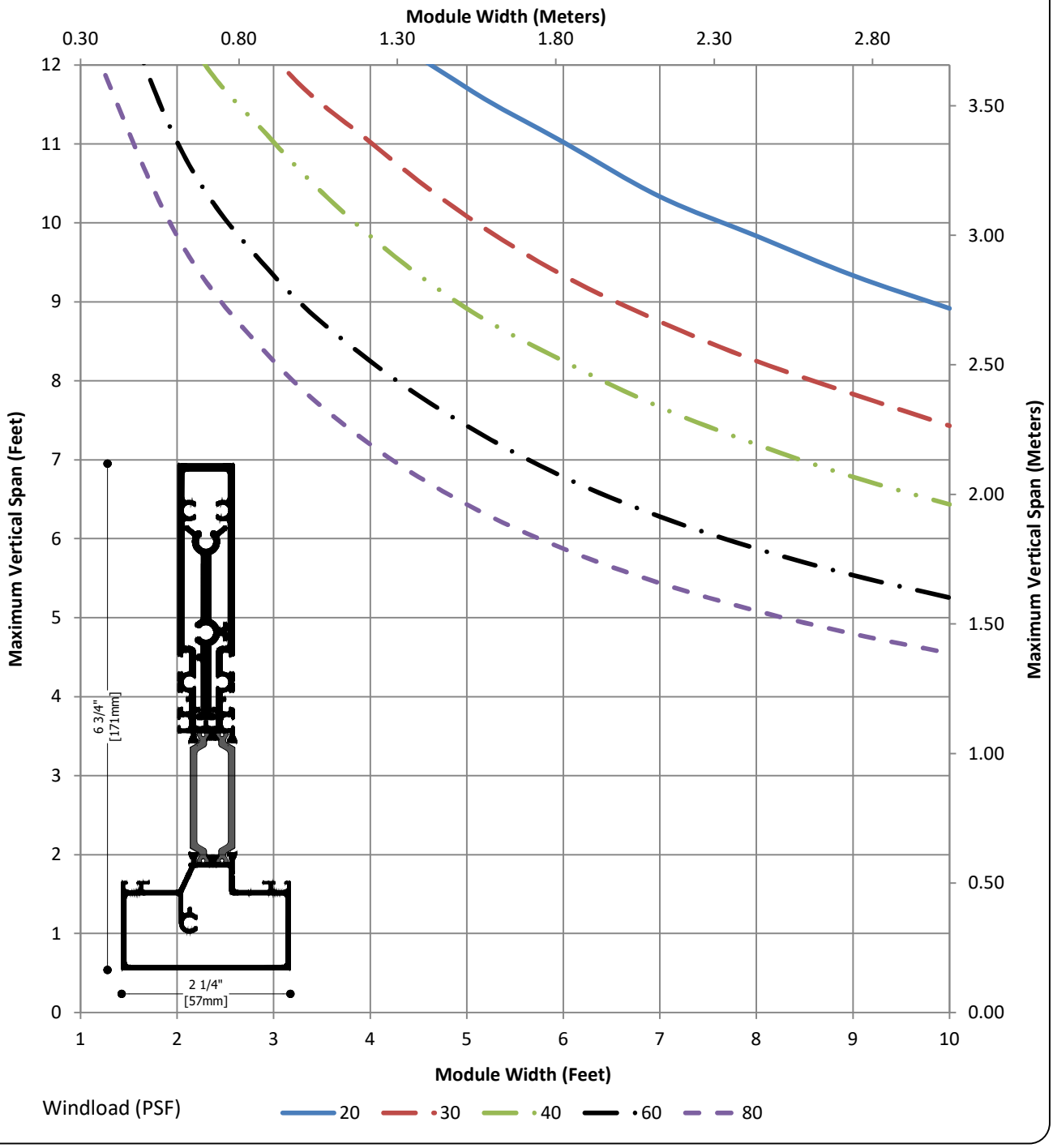
System: **RainBlade 2990 FeatureLine**

Typical Use: 6.75" Triple Glazed Mullion w/Reinforcement

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
5.8001	0.28932	1.63979	0.25432	1.77816	0.39714	3.455	0.3814	1.3573	3.0041

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 0 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 12 feet maximum.



Extrusion: **A299322 with 1/4" x 3" Bar**

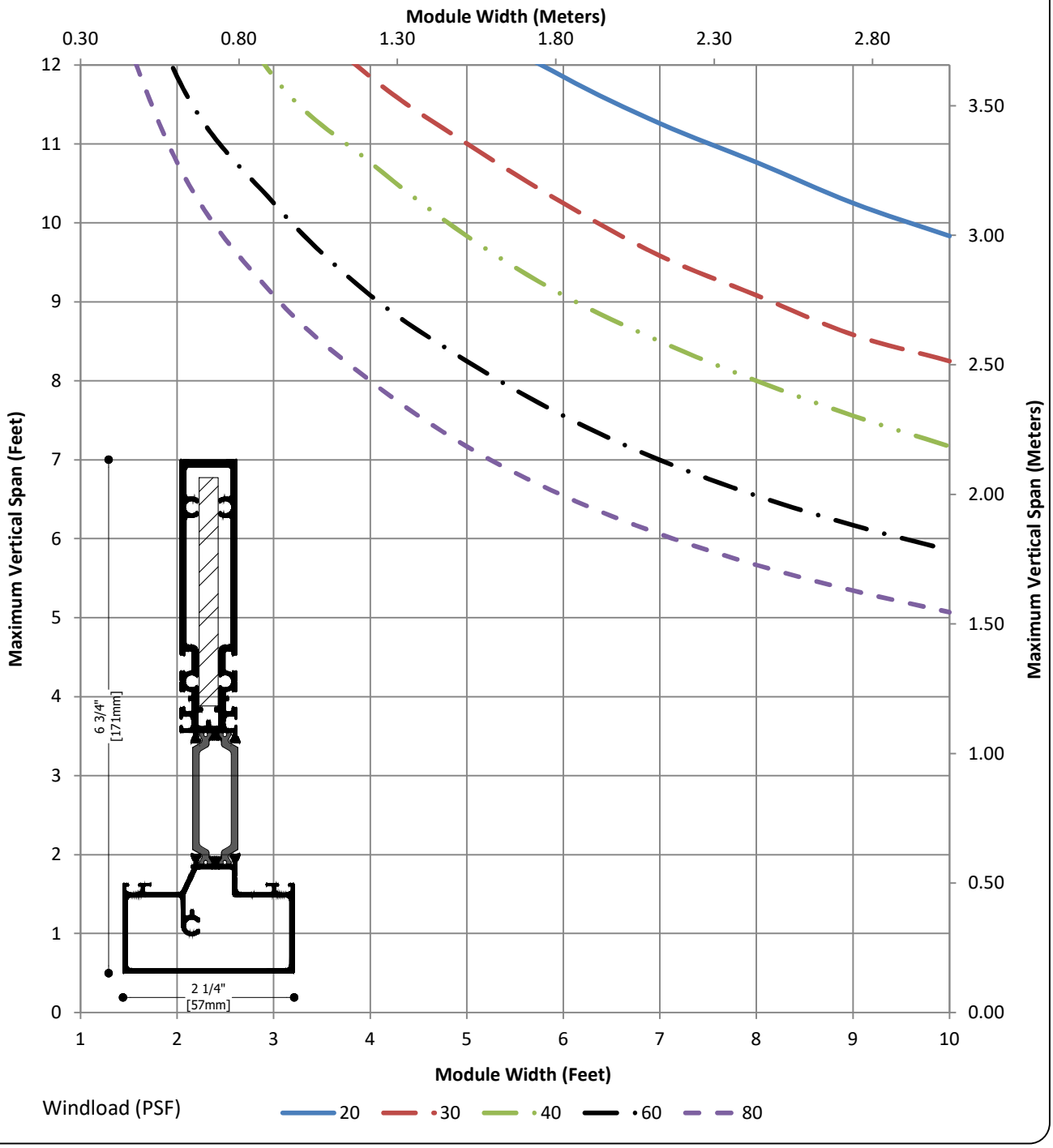
System: **RainBlade 2990 FeatureLine**

Typical Use: 6.75" Triple Glazed Mullion w/Steel Reinforcement

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
7.20005	0.29723	2.03558	0.26438	2.202	0.499	3.455	0.3797	1.356	2.745

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 0 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 12 feet maximum.



Extrusion: **A299323_A299324**

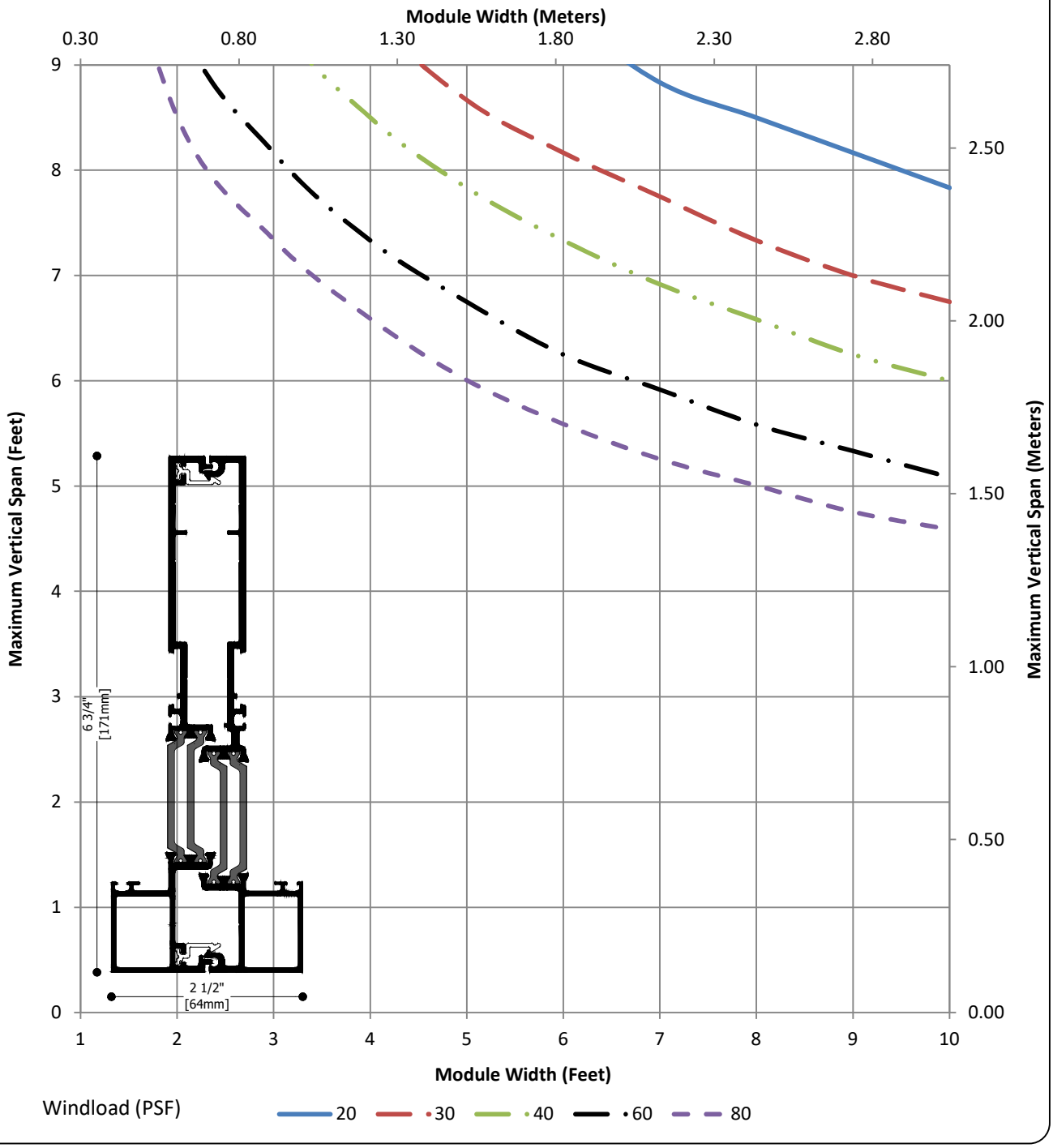
System: **RainBlade 2990 FeatureLine**

Typical Use: 6.75" Triple Glazed Split Mullion

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
7.0736	0.1496	1.8201	0.12744	1.98083	0.28807	4.228	0.1276	0.4494	3.503

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 6 antibuckling clips. Maximum vertical spacing between antibuckling clips is 2 feet (0.61 meters) maximum.



Extrusion: **A299323_A299324 with 1/4" x 3" Bar**

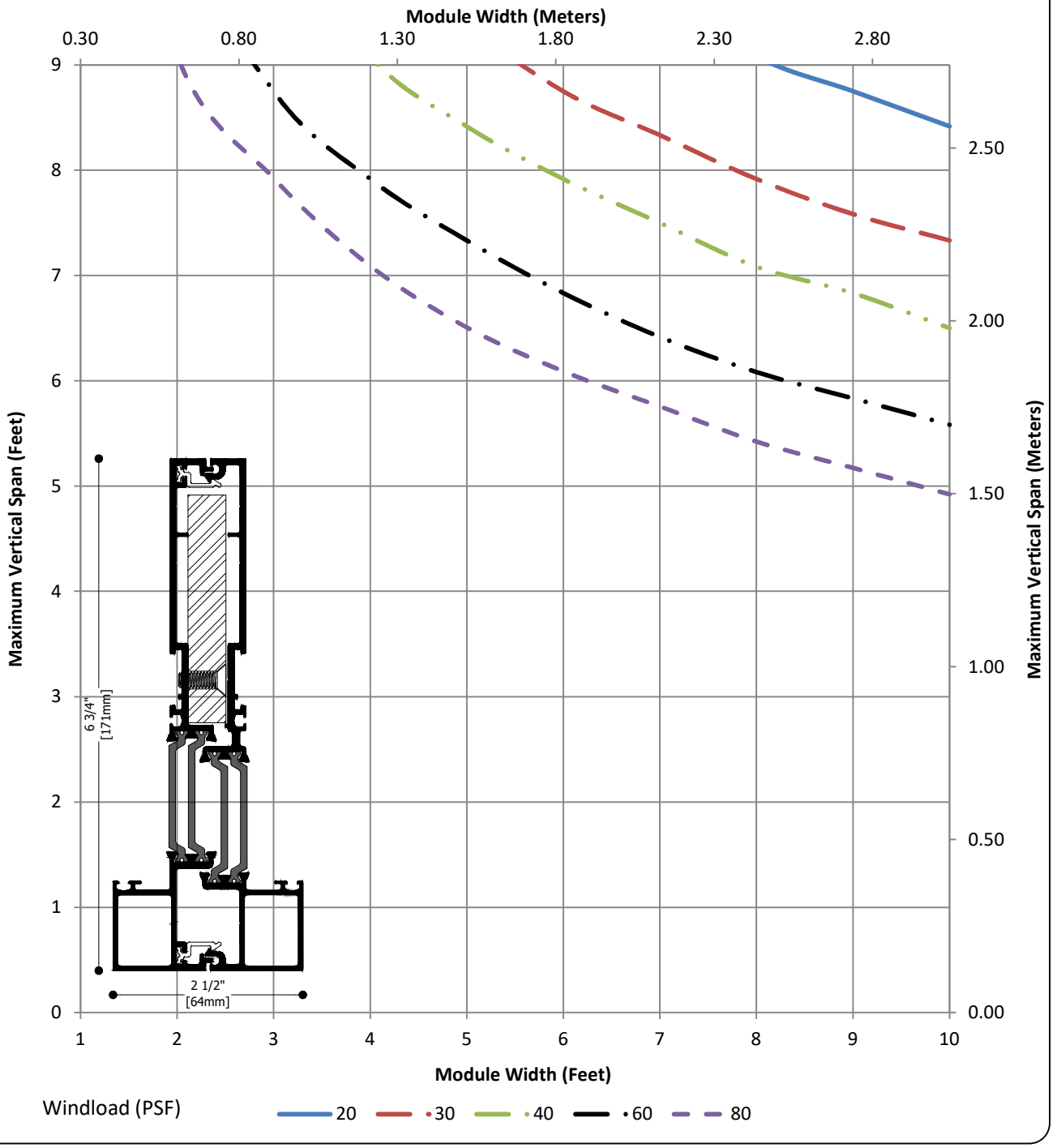
System: **RainBlade 2990 FeatureLine**

Typical Use: 6.75" Triple Glazed w/Reinforced Split Mullion

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
8.70485	0.16091	2.23983	0.13707	1.98083	0.28807	4.228	0.1276	0.4494	3.503

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 6 antibuckling clips. Maximum vertical spacing between antibuckling clips is 2 feet (0.61 meters) maximum.



Extrusion: **A299202**

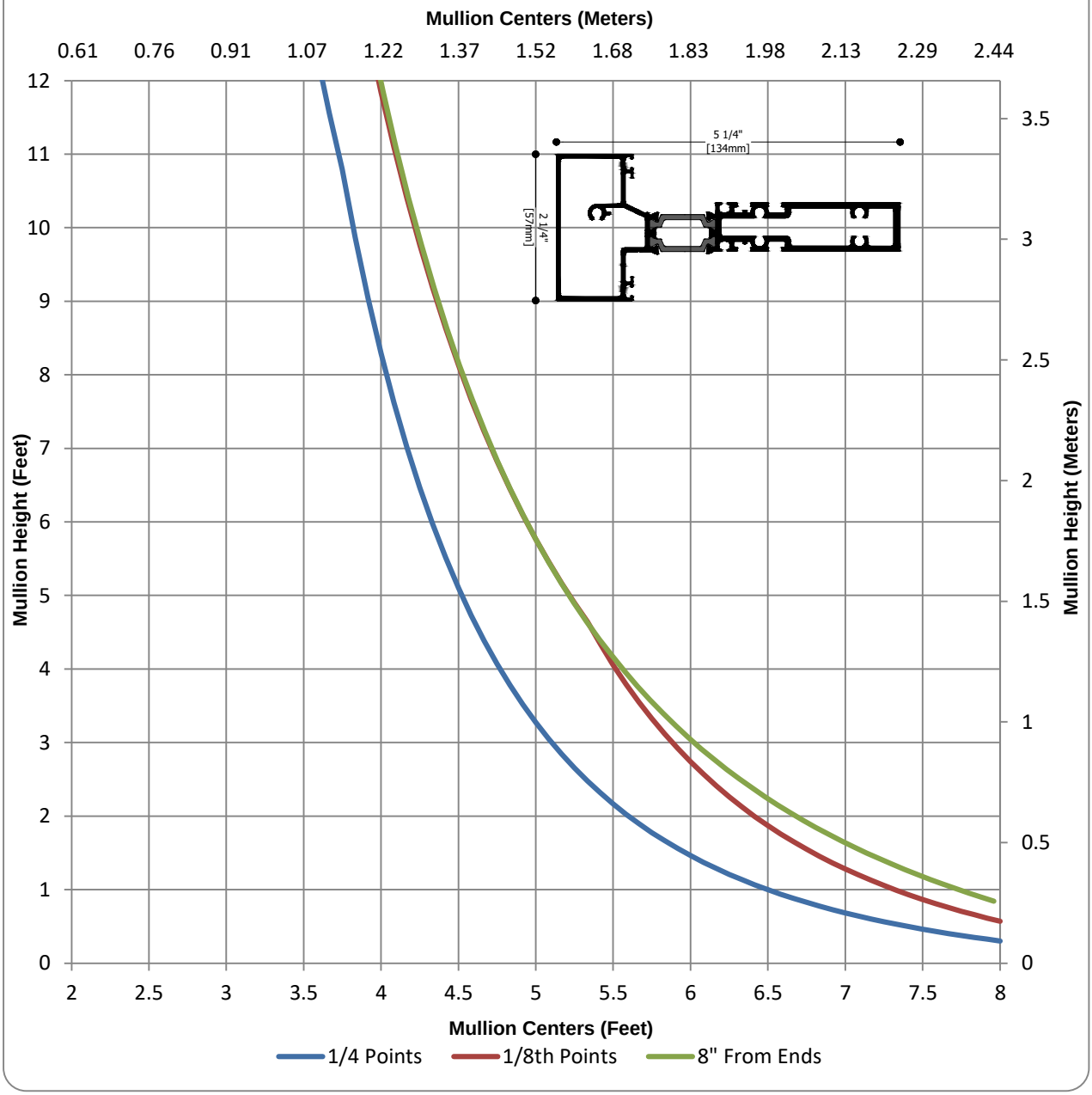
System: **RainBlade 2990 FeatureLine**

Typical Use: 5.25" Double Glazed Horizontal

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
4.148	0.28576	1.276	0.25344	1.915	0.5027	3.101	0.3797	1.003	2.333

Deadload Chart: The deflection criterion for this chart is L/175



Extrusion: **A299222**

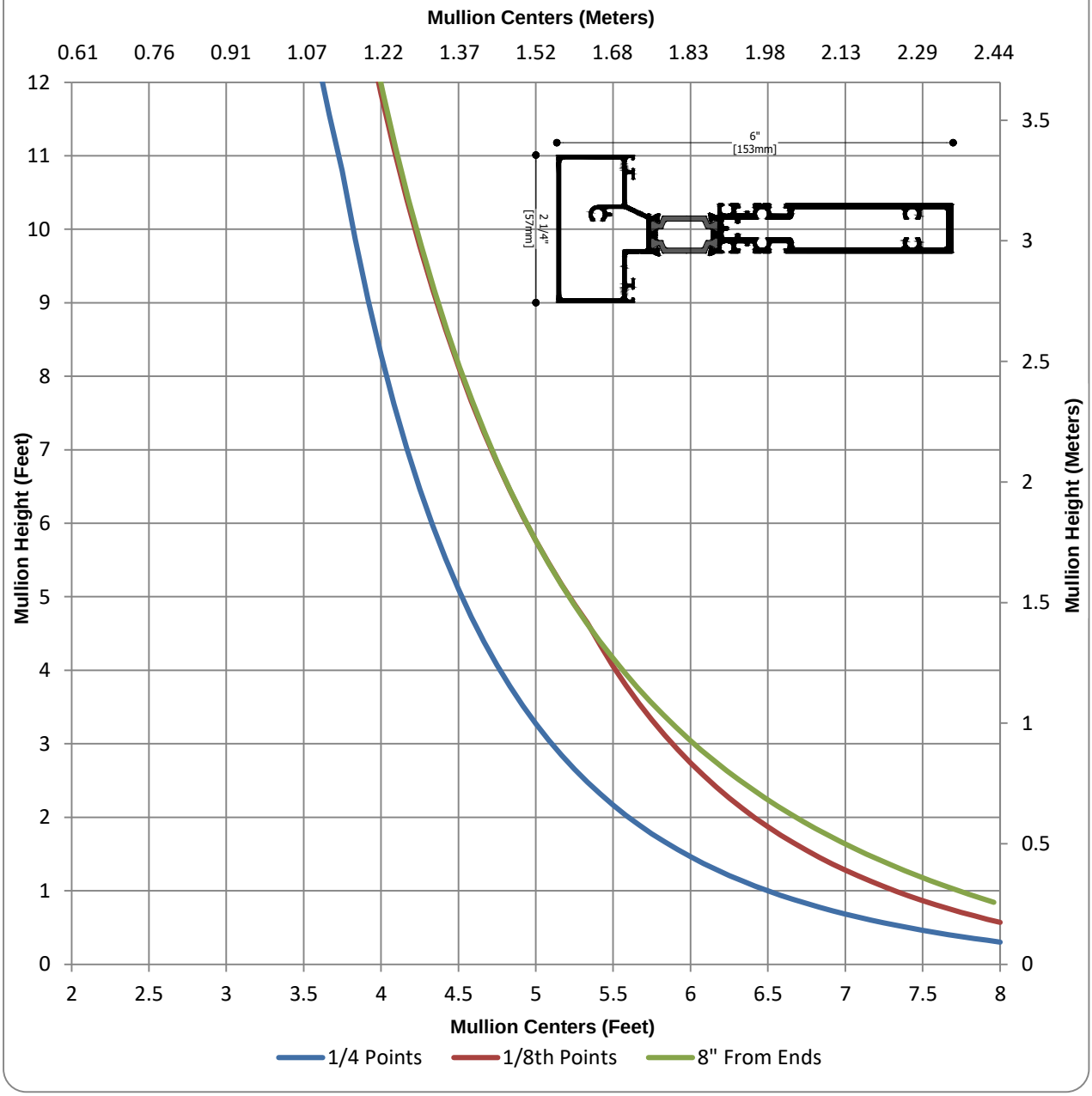
System: **RainBlade 2990 FeatureLine**

Typical Use: 6" Double Glazed Horizontal

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
4.148	0.28576	1.276	0.25344	1.915	0.5027	3.101	0.3797	1.003	2.333

Deadload Chart: The deflection criterion for this chart is L/175



Extrusion: **A299302**

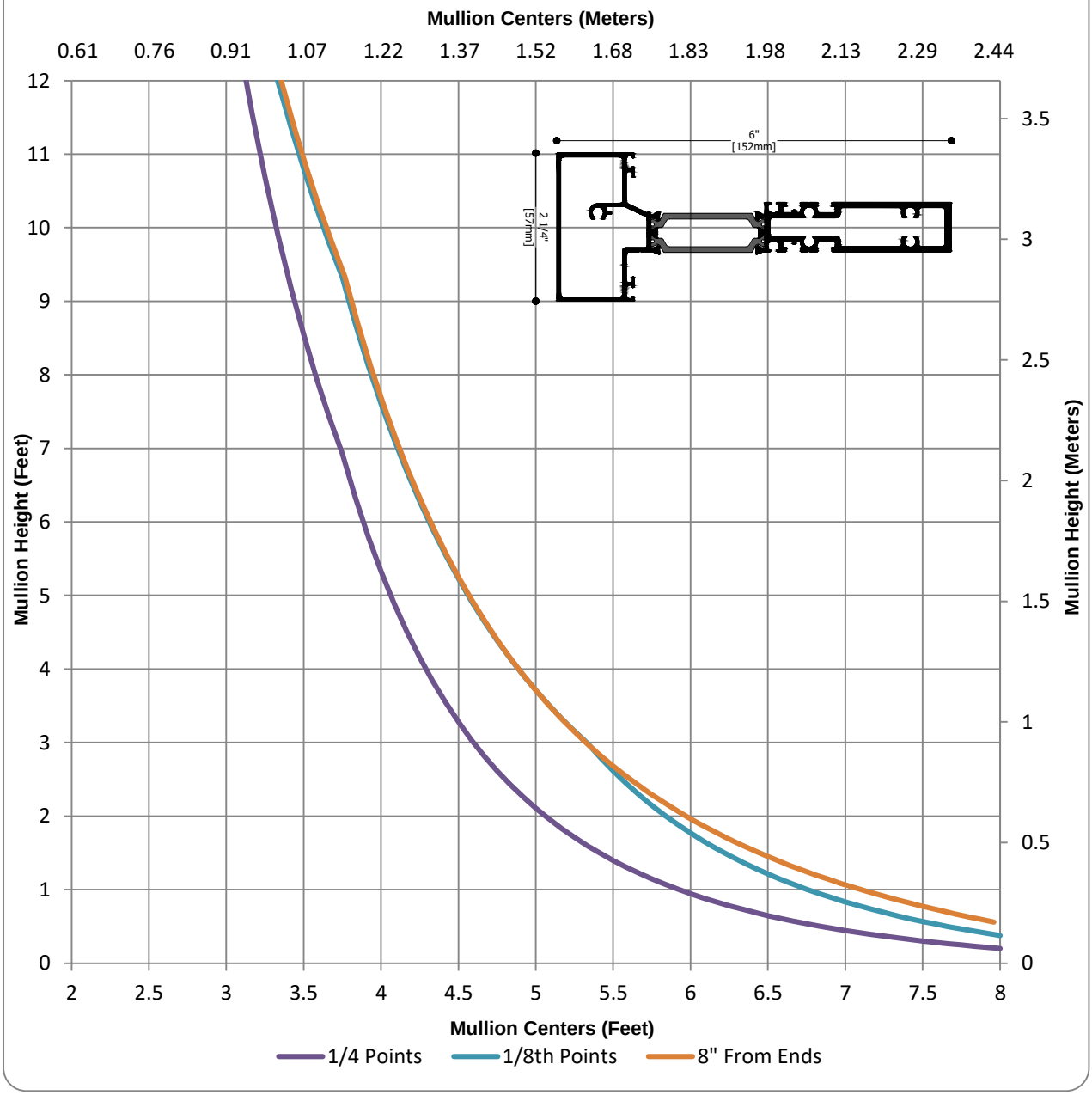
System: **RainBlade 2990 FeatureLine**

Typical Use: 6" Triple Glazed Horizontal

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
4.1416	0.27504	1.32	0.24464	1.993	0.5136	3.161	0.3293	0.9293	2.305

Deadload Chart: The deflection criterion for this chart is L/175



Extrusion: **A299322**

System: **RainBlade 2990 FeatureLine**

Typical Use: 6.75" Triple Glazed Horizontal

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
5.5688	0.28592	1.5744	0.25432	2.202	0.499	3.455	0.3797	1.356	2.745

Deadload Chart: The deflection criterion for this chart is L/175