Metl-Span CF-42 and CF-44 Wall Panels with PIR
26 Ga. Exterior / 26 Ga. Interior Facings
Allowable Connection Load (psf) for Two or More Equal Spans

Panel Thickness	Clip/ Fastening	Support Span										
		5 ft	6 ft	7 ft	8 ft	9 ft	10 ft	11 ft	12 ft	13 ft	14 ft	15 ft
2" - 2½"	U	31	27	23	21	19	17	15	14	13	12	11
3"	U	33	28	25	22	20	18	17	15	14	13	13
	V6	31	27	23	21	19	17	16	15	13	13	12
	V6+	40	32	27	24	21	19	17	15	14	13	12
4" – 5"	U	34	29	26	23	21	19	17	16	15	14	13
	V6	37	31	28	25	22	20	19	17	16	15	14
	V6+	51	41	35	30	26	24	21	19	18	16	15
6" – 8"	U	37	32	28	25	22	20	19	17	16	15	14
	V6	29	25	22	19	17	16	15	14	13	12	11
	V6+	62	50	42	37	32	29	26	23	21	20	18

Notes:

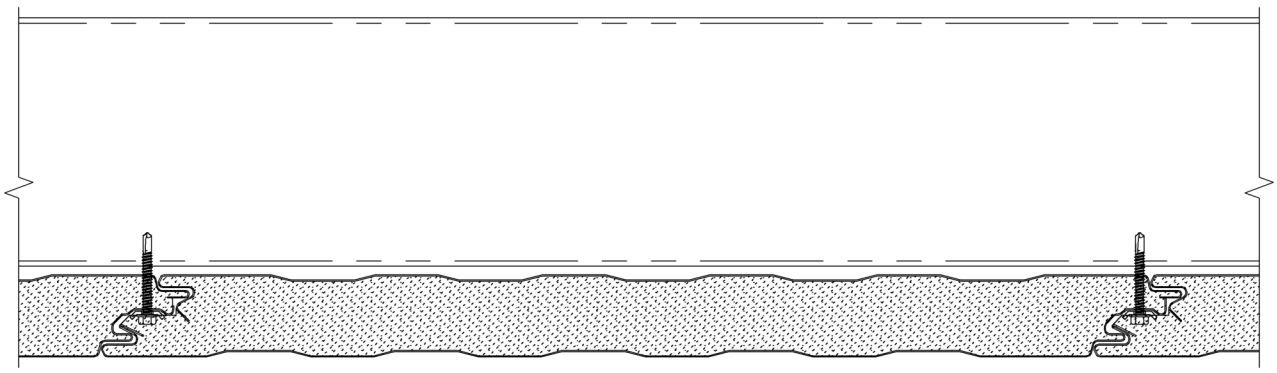
1. Based on Allowable Stress Design (ASD).
2. Allowable loads shown above are applicable to 42"-wide and 44"-wide panels with minimum 26 Ga. exterior/interior steel facers and PIR foam core.
3. Allowable loads shown above are the lowest value of panel bending strength, shear strength, minimum deflection limit (L/180), and connection strength, derived from testing per ASTM E72.
4. Safety factors, calculated statistically from test data, are 2.15 for bending stress, 3.0 for shear strength, and 2.14-2.43 for connection strength.
5. "U" indicates use of one Metl-Span U-Clip at each support. "V6" indicates use of one Metl-Span V6 X-Span clip at each support. "V6+" indicates use of V6 X-Span clip at each support plus one 2"-long face-to-clip fastener at each end support.
6. All clips require two ¼"-diameter self-drilling or self-tapping fasteners at each intermediate support and at least one fastener at each end support.
7. V6 X-Span clips are for use with panels of thickness ≥ 3" only.
8. Allowable loads address panel failure modes only. Structural capacity of fasteners and girts must be examined separately.

Metl-Span CF-36 Wall Panels with PIR
26 Ga. Exterior / 26 Ga. Interior Facings
Allowable Connection Load (psf) for Two or More Equal Spans

Panel Thickness	Clip/ Fastening	Support Span										
		5 ft	6 ft	7 ft	8 ft	9 ft	10 ft	11 ft	12 ft	13 ft	14 ft	15 ft
2" - 2½"	U	38	32	28	25	23	21	19	17	16	14	12
3"	U	41	35	30	27	24	22	20	19	17	16	15
	V6	38	33	29	25	23	21	19	18	16	15	14
	V6+	49	40	33	29	25	23	20	19	17	16	15
4" – 5"	U	42	36	31	28	25	23	21	20	18	17	16
	V6	45	38	34	30	27	25	23	21	20	18	17
	V6+	62	51	43	37	32	29	26	24	22	20	19
6" – 8"	U	45	39	34	30	27	25	23	21	20	19	17
	V6	32	29	24	21	19	17	16	15	14	13	12
	V6+	75	61	52	45	39	35	31	29	26	24	22

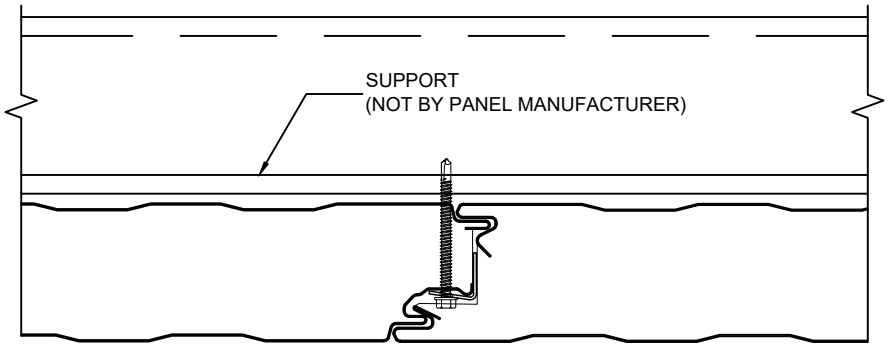
Notes:

1. Based on Allowable Stress Design (ASD).
2. Allowable loads shown above are applicable to 36"-wide panels with minimum 26 Ga. exterior/interior steel facers and PIR foam core.
3. Allowable loads shown above are the lowest value of panel bending strength, shear strength, minimum deflection limit (L/180), and connection strength, derived from testing per ASTM E72.
4. Safety factors, calculated statistically from test data, are 2.15 for bending stress, 3.0 for shear strength, and 2.14-2.43 for connection strength.
5. "U" indicates use of one Metl-Span U-Clip at each support. "V6" indicates use of one Metl-Span V6 X-Span clip at each support. "V6+" indicates use of V6 X-Span clip at each support plus one 2"-long face-to-clip fastener at each end support.
6. All clips require two ¼"-diameter self-drilling or self-tapping fasteners at each intermediate support and at least one fastener at each end support.
7. V6 X-Span clips are for use with panels of thickness ≥ 3" only.
8. Allowable loads address panel failure modes only. Structural capacity of fasteners and girts must be examined separately.



(FP1)

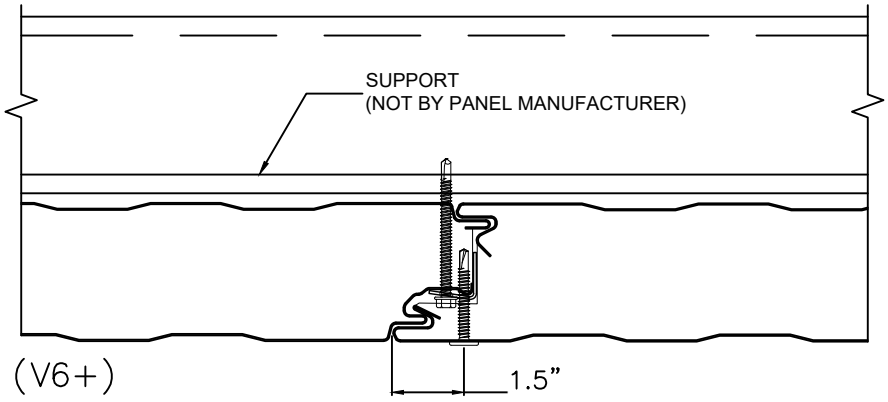
FASTENING PATTERN 1
SIDE JOINT FASTENING



(V6)

ONE V6 X–SPAN CLIP AT EACH SUPPORT

MINIMUM 3"–THICK PANEL



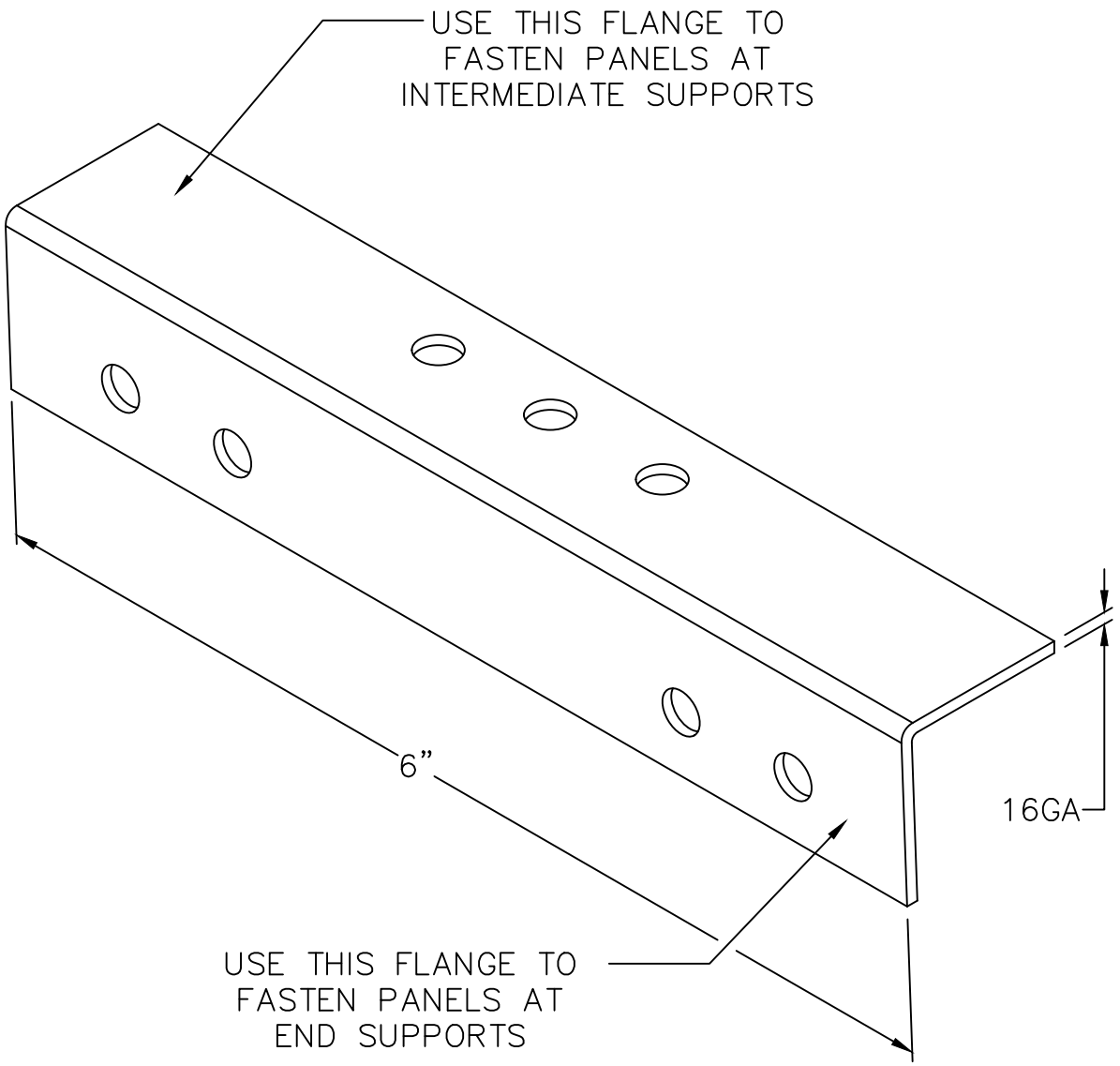
(V6+)

ONE V6 X–SPAN CLIP AT EACH SUPPORT WITH ONE FACE–TO–CLIP FASTENER AT EACH END SUPPORT

INSTALL 2"–LONG FACE–TO–CLIP FASTENER THROUGH PANEL FACE TONGUE AND ADJACENT PANEL CLIP, 1.5" FROM PANEL JOINT

MINIMUM 3"–THICK PANEL

COMMERCIAL & INDUSTRIAL	FASTENING WITH V6 X–SPAN CLIP	1 of 2 DATE: MAY '22



COMMERCIAL & INDUSTRIAL	FASTENING WITH V6 X–SPAN CLIP	2 of 2 DATE: MAY ’22