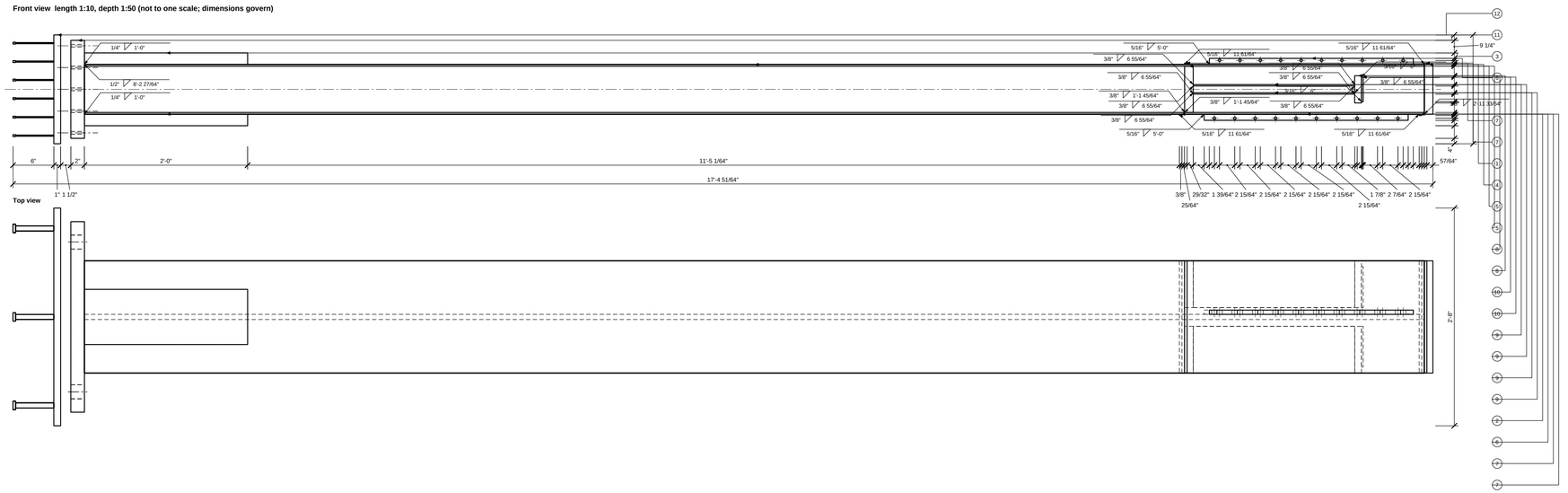
Assembly C2-25K

Column W36x231 x 16'-5 3/64" with 21 attached parts — 1 off

Front view length 1:10, depth 1:50 (not to one scale; dimensions govern)

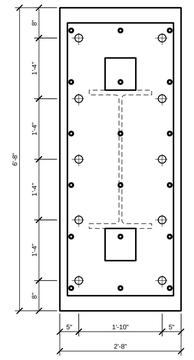


Dimension station table

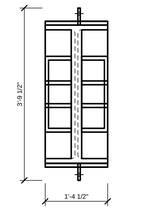
Stations use the named view coordinates: along the main member from its start; across its section from the centre.

View / direction	From / to station	Dimension value
Front view / v	-3'-4" / 3'-4"	6'-8"
Front view / v	-3'-0" / -2'-2 3/4"	9 1/4"
Front view / v	-2'-2 3/4" / -1'-10 3/4"	4"
Front view / v	-1'-10 3/4" / -1'-9 1/4"	1 1/2"
Front view / v	-1'-9 1/4" / -1'-7 1/4"	2"
Front view / v	-1'-7 1/4" / -1'-6 1/4"	1"
Front view / v	-1'-6 1/4" / -1'-4 63/64"	1 17/64"
Front view / v	-1'-4 63/64" / -10"	6 63/64"
Front view / v	-10" / -9"	1"
Front view / v	-9" / -3 1/2"	5 1/2"
Front view / v	-3 1/2" / -2 1/2"	1"
Front view / v	-2 1/2" / 2 1/2"	5"
Front view / v	2 1/2" / 3 1/2"	1"
Front view / v	3 1/2" / 9"	5 1/2"
Front view / v	9" / 10"	1"
Front view / v	10" / 1'-4 63/64"	6 63/64"
Front view / v	1'-4 63/64" / 1'-6 1/4"	1 17/64"
Front view / v	1'-6 1/4" / 1'-7 1/4"	1"
Front view / v	1'-7 1/4" / 1'-9 1/4"	2"
Front view / v	1'-9 1/4" / 1'-10 3/4"	1 1/2"
Front view / v	1'-10 3/4" / 2'-2 3/4"	4"
Front view / v	3'-0" / 3'-4"	4"
Front view / h	13'-5 25/32" / 13'-6 5/32"	3/8"
Front view / h	13'-8 43/64" / 13'-9 27/64"	49/64"
Front view / h	13'-9 27/64" / 13'-10 11/64"	47/64"
Front view / h	13'-10 11/64" / 13'-10 59/64"	49/64"
Front view / h	14'-1 11/64" / 14'-1 59/64"	49/64"
Front view / h	14'-4 11/64" / 14'-4 59/64"	49/64"
Front view / h	14'-7 11/64" / 14'-7 59/64"	49/64"
Front view / h	14'-10 11/64" / 14'-10 59/64"	49/64"
Front view / h	15'-1 11/64" / 15'-1 59/64"	49/64"
Front view / h	15'-4 11/64" / 15'-4 59/64"	49/64"
Front view / h	15'-6 51/64" / 15'-7 11/64"	23/64"
Front view / h	15'-7 11/64" / 15'-7 51/64"	41/64"
Front view / h	15'-7 51/64" / 15'-7 59/64"	1/8"
Front view / h	15'-7 59/64" / 15'-8 3/64"	1/8"
Front view / h	15'-10 11/64" / 15'-10 59/64"	49/64"
Front view / h	16'-1 11/64" / 16'-1 59/64"	49/64"
Front view / h	16'-1 59/64" / 16'-2 43/64"	47/64"
Front view / h	16'-2 43/64" / 16'-3 27/64"	49/64"
Front view / h	16'-3 27/64" / 16'-4 9/32"	55/64"
Front view / h	16'-4 9/32" / 16'-4 21/32"	3/8"
Front view / h	16'-4 21/32" / 16'-5 3/64"	25/64"
Front view / h	16'-5 3/64" / 16'-5 27/64"	3/8"

End view at the start (x = 0), from outside 1:20



End view at the end (x = 16'-5 3/64"), from outside 1:20



Notes

10 holes Ø13/16" in each C2-329-SHPL16x114x762.
10 holes Ø2 1/16" in each C2-25K-BP.
Dimensions from the start of the assembly (the left end of the front view).
HEADED STUDS: 18 each, 3/4 in dia x 6 in, on the embed plate.
WELD TABLE (per assembly; 1 assemblies):
n210030: FILLET 1/4" x 1'-0" — C2-25K-P / C2-25K-WBX48-S-125-P — total 1'-0", 6.1 cm3
n210031: FILLET 1/4" x 1'-0" — C2-25K-P / C2-25K-WBX48-N-125-P — total 1'-0", 6.1 cm3
n220134: FILLET 3/8" x 2'-11 33/64" — C2-25K-P / C2-329-TOP-PL32x419x927 — total 2'-11 33/64", 40.9 cm3
n220135: FILLET 3/8" x 1'-1 45/64" — C2-25K-P / C2-329-CONT-PL32x174.1x863 — total 1'-1 45/64", 15.8 cm3
n220136: FILLET 3/8" x 1'-1 45/64" — C2-25K-P / C2-329-CONT-PL32x174.1x863 — total 1'-1 45/64", 15.8 cm3
n220137: FILLET 5/16" x 5'-0" — C2-25K-P / C2-329-SHPL16x114x762 — total 5'-0", 48.0 cm3
n220138: FILLET 5/16" x 5'-0" — C2-25K-P / C2-329-SHPL16x114x762 — total 5'-0", 48.0 cm3
n220139: FILLET 5/16" x 11 61/64" — C2-25K-P / C2-329-BKR-PL10x25x418.3 — total 11 61/64", 9.6 cm3
n220140: FILLET 5/16" x 11 61/64" — C2-25K-P / C2-329-BKR-PL10x25x418.3 — total 11 61/64", 9.6 cm3
n220141: FILLET 5/16" x 11 61/64" — C2-25K-P / C2-329-BKR-PL10x25x418.3 — total 11 61/64", 9.6 cm3
n220142: FILLET 5/16" x 11 61/64" — C2-25K-P / C2-329-BKR-PL10x25x418.3 — total 11 61/64", 9.6 cm3
n260150: FILLET 3/8" x 6 55/64" — EJ328-SHPL25x174x508 / EJ328-STF25x174x603 — total 6 55/64", 7.9 cm3
n260151: FILLET 3/8" x 6 55/64" — EJ328-SHPL25x174x508 / EJ328-STF25x174x603 — total 6 55/64", 7.9 cm3
n260152: FILLET 3/8" x 6 55/64" — EJ328-SHPL25x174x508 / EJ328-STF25x174x603 — total 6 55/64", 7.9 cm3
n260153: FILLET 3/8" x 6 55/64" — EJ328-SHPL25x174x508 / EJ328-STF25x174x603 — total 6 55/64", 7.9 cm3
n260154: FILLET 3/8" x 6 55/64" — C2-329-CONT-PL32x174.1x863 / EJ328-STF25x174x603 — total 6 55/64", 7.9 cm3
n260155: FILLET 3/8" x 6 55/64" — C2-329-CONT-PL32x174.1x863 / EJ328-STF25x174x603 — total 6 55/64", 7.9 cm3
n260156: FILLET 3/8" x 6 55/64" — C2-329-CONT-PL32x174.1x863 / EJ328-STF25x174x603 — total 6 55/64", 7.9 cm3
n260157: FILLET 3/8" x 6 55/64" — C2-329-CONT-PL32x174.1x863 / EJ328-STF25x174x603 — total 6 55/64", 7.9 cm3
n260158: FILLET 3/16" x 6" — EJ328-SHPL25x174x508 / EJ328-TFL6x152x457-L — total 6", 1.7 cm3
n260159: FILLET 3/16" x 6" — EJ328-SHPL25x174x508 / EJ328-TFL6x152x457-L — total 6", 1.7 cm3
n900001: FILLET 1/2" x 8'-2 27/64" — C2-25K-P / C2-25K-BP — total 8'-2 27/64", 201.6 cm3
WELD TOTAL per assembly: 35'-0" length, 487.3 cm3 nominal deposit
Shop fabricated assembly.
Finish: SHOP PRIMER
Physical assembly instances: 1
Installed instance: C2-25K; location: Grid 25/K.
Weights are gross stock; holes and cuts are not deducted.

Assembly C2-25K

Assembly drawing

Drawing **A-C2-25K**	Scale 1:10 / 1:50
Model Sample column	Model ref D27FE1C3
Date 2026-11-09	Sheet 1 of 2 ANSI D

FabuLux — dimensions in feet/inches, nearest 1/64 inch. Made from the model; check before use.

C2-25K part references

Part list — per assembly; 1 off

Ref	Part	Qty each	Qty total	Profile	Length (PL: L × W)	Material	kg each	kg total
1	C2-25K-P	1	1	W36x231	16'-5 3/64"	ASTM A992	1720.5	1720.5
2	C2-25K-WBX48-S-125-P	1	1	WBx48	2'-0"	A992	43.5	43.5
3	C2-25K-WBX48-N-125-P	1	1	WBx48	2'-0"	A992	43.5	43.5
4	C2-329-TOP-PL32x419x927	1	1	PL32.004x419.1 (mm)	3'-0 1/2" × 1'-4 1/2"	A36	97.6	97.6
5	C2-329-CONT-PL32x174.1x863	2	2	PL32.004x174.1 (mm)	2'-9 63/64" × 6 55/64"	A36	37.8	75.5
6	C2-329-SHPL16x114x762	2	2	PL15.875x762 (mm)	4 1/2" × 2'-6"	A36	10.9	21.7
7	C2-329-BKR-PL10x25x418.3	4	4	PL9.525x25.4 (mm)	1'-4 15/32" × 1"	A36	0.8	3.2
8	EJ328-SHPL25x174x508	2	2	PL25.4x174.1 (mm)	1'-8" × 6 55/64"	A36	17.6	35.3
9	EJ328-STF25x174x603	4	4	PL25.4x603.1 (mm)	6 55/64" × 1'-11 3/4"	A36	20.9	83.7
10	EJ328-TFL6x152x457-L	2	2	PL6.35x457.2 (mm)	6" × 1'-6"	A36	3.5	6.9
11	C2-25K-BP	1	1	PL50.8x711.2 (mm)	6'-0" × 2'-4"	A572 Gr50	518.7	518.7
12	C2-25K-EM	1	1	PL25.4x812.8 (mm)	6'-8" × 2'-8"	A572 Gr50	329.3	329.3
	Assembly C2-25K							**2986.3**

C2-25K part references

Assembly drawing

Drawing **A-C2-25K-part-references**	Scale
Model Sample column	Model ref D27FE1C3
Date 2026-11-09	Sheet 2 of 2 ANSI D

FabuLux — dimensions in feet/inches, nearest 1/64 inch. Made from the model; check before use.