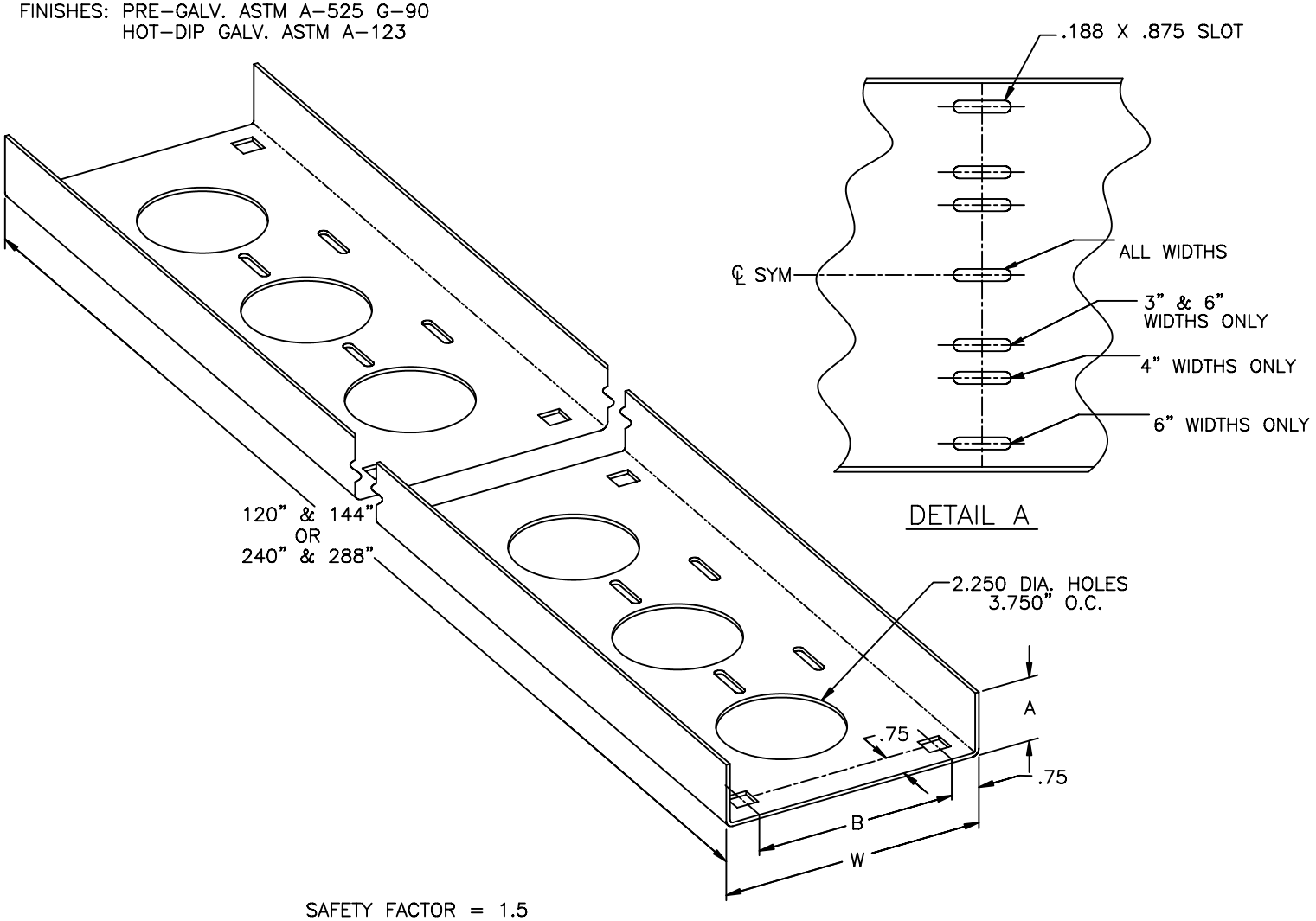
MATERIAL: PRE-GALV. 14 GA. STEEL ASTM A-446 GRADE A, SS4 304 STAINLESS STEEL, SS6 316 STAINLESS STEEL, HOT DIP GALVANIZED (AFTER FAB) 14 GA. STEEL ASTM A-570 GRADED 33 .125 ALUMINUM ALLOY 6063-T6

FINISHES: PRE-GALV. ASTM A-525 G-90 HOT-DIP GALV. ASTM A-123



SAFETY FACTOR = 1.5

B-LINE SERIES	WIDTH	A	B	SPAN (FT.)	2	4	6	8	10	12	14
ACC	3	1.25	1.5	LOAD LBS./FT.	131.6	32.9	14.6	8.2	5.2	3.6	2.6
				DEFLECTION IN.	0.08	0.33	0.75	1.33	2.08	3.00	4.08
	4	1.75	2.5	LOAD LBS./FT.	293.8	73.4	32.6	18.3	11.7	8.1	5.9
				DEFLECTION IN.	0.05	0.21	0.48	0.86	1.34	1.93	2.62
	6	1.75	4.5	LOAD LBS./FT.	332.0	83.0	36.8	20.7	13.2	9.2	6.7
				DEFLECTION IN.	0.05	0.19	0.42	0.75	1.17	1.68	2.29

B-LINE SERIES	WIDTH	A	B	SPAN (FT.)	2	4	6	8	10	12	14
*CC	3	1.25	1.5	LOAD LBS./FT.	148.5	37.1	16.5	9.3	5.9	4.1	3.0
				DEFLECTION IN.	0.05	0.20	0.46	0.82	1.28	1.88	2.51
	4	1.75	2.5	LOAD LBS./FT.	327.6	81.9	36.4	20.4	13.1	9.1	6.7
				DEFLECTION IN.	0.03	0.13	0.30	0.53	0.82	1.19	1.62
	6	1.75	4.5	LOAD LBS./FT.	369.9	92.4	41.1	23.1	14.8	10.2	7.5
				DEFLECTION IN.	0.03	0.11	0.26	0.46	0.72	1.04	1.41

* - INSERT "P" FOR PRE-GALV., SS4 FOR 304 STAINLESS, SS6 FOR 316 STAINLESS OR "G" FOR HOT-DIP GALV.

COOPER B-Line

509 WEST MONROE STREET
HIGHLAND, ILLINOIS 62249
PHONE (618)-654-2184

TITLE: VENTILATED CABLE CHANNEL

EQUIPMENT FURNISHED HAS BEEN FABRICATED IN ACCORDANCE WITH THIS DRAWING.

PRODUCT DWG. NO'S:

SHEET OF

DRAWN BY: JDG

DRAWING NO. S4842

DATE: 10-08-98