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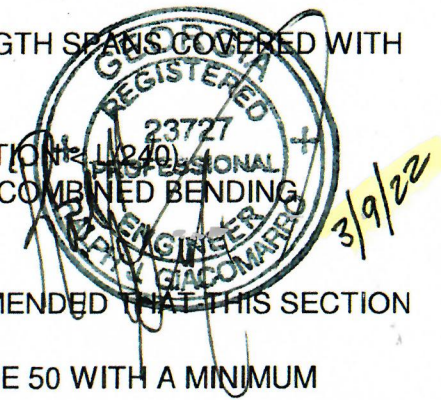
3"x16"x50KSI STEEL CANOPY PANELS--RIBS UP--PANELS HUNG BENEATH SUPPORTING STRUCTURE--GRAVITY LOADING

LIVE LOAD DATA : MAXIMUM ALLOWABLE UNIFORM LOADING IN POUNDS PER SQUARE FOOT															
PANEL SIZE (DIMENSIONS IN INCHES)	GAGE STEEL	SUPPORT CONDITION	SPAN LENGTH (FEET)												
			3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0
3" x 16"	24	1 SPAN	249	139	89	61	45	34	26	21	15	12	--	--	--
		2 SPAN	170	103	68	48	35	27	21	17	14	11	--	--	--
		3 SPAN	200	123	82	59	44	33	26	21	17	14	12	10	--
		4 SPAN	191	117	78	55	41	31	25	20	16	13	11	--	--
	22	1 SPAN	354	198	126	87	64	48	38	29	22	16	12	--	--
		2 SPAN	260	152	98	68	50	38	30	24	20	16	14	11	--
		3 SPAN	313	185	121	85	63	48	38	30	25	21	17	15	13
		4 SPAN	296	174	114	80	59	45	35	28	23	19	16	14	12
	20	1 SPAN	439	246	157	108	79	60	47	36	27	20	15	12	--
		2 SPAN	393	229	148	103	76	58	45	36	30	25	21	18	15
		3 SPAN	475	280	183	129	95	72	57	46	38	31	26	23	19
		4 SPAN	449	264	172	120	89	68	53	43	35	29	25	21	18

DATA ON OTHER PANEL STYLES IS AVAILABLE ON REQUEST, CALL OR EMAIL : benhouston@metal-works.net
 METALWORKS, P.O. BOX 2009 - 4409 MCBRAYER RD, OAKWOOD, GA 30566, PHONE (678) 960 - 3109, FAX (678) 960 - 3108

GENERAL NOTES:

- 1) SECTION PROPERTIES HAVE BEEN DETERMINED IN ACCORDANCE WITH THE AISI "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS" 2018 EDITION (AISII S100-16/S1-18).
- 2) USE "1 SPAN" LOAD TABLE VALUES FOR SIMPLY - SUPPORTED SPANS ONLY.
- 3) USE "2 SPAN", "3 SPAN" OR "4 SPAN" LOAD TABLE VALUES ONLY FOR 2 OR MORE EQUAL LENGTH SPANS COVERED WITH CONTINUOUS PANEL SECTION.
- 4) ALL LOADS ARE LIVE LOADS (DEAD WEIGHT OF PANEL HAS ALREADY BEEN SUBTRACTED).
- 5) LOADS TO LEFT OF HEAVY LINE WITH "" ARE CONTROLLED BY BEARING CAPACITY (DEFLECTION $\leq L/240$).
- 6) LOADS TO LEFT OF HEAVY LINE WITHOUT "" ARE CONTROLLED BY BENDING STRENGTH OR COMBINED BENDING STRENGTH AND SHEAR (DEFLECTION $< L/240$).
- 7) LOADS TO RIGHT OF HEAVY LINE ARE CONTROLLED BY DEFLECTION (DEFLECTION = $L/240$).
- 8) " --- " INDICATES THAT LIVE LOAD/UPLIFT CAPACITY IS LESS THAN 10 PSF. IT IS NOT RECOMMENDED THAT THIS SECTION BE UTILIZED AT THIS SPAN LENGTH.
- 9) STEEL UTILIZED FOR ALL SECTIONS CONFORMS TO ASTM A653 STRUCTURAL QUALITY GRADE 50 WITH A MINIMUM YIELD STRENGTH OF 50 KSI.



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**3"x16"x50KSI STEEL CANOPY PANELS--RIBS UP--PANELS HUNG BENEATH SUPPORTING STRUCTURE--UPLIFT LOADING
(ALLOWABLE LOADS HAVE NOT BEEN FACTORED UP 33% DUE TO WIND INDUCED UPLIFT)**

UPLIFT LOAD DATA : MAXIMUM ALLOWABLE UNIFORM LOADING IN POUNDS PER SQUARE FOOT															
PANEL SIZE (DIMENSIONS IN INCHES)	GAGE STEEL	SUPPORT CONDITION	SPAN LENGTH (FEET)												
			3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0
3" x 16"	24	1 SPAN	141*	105*	75	52	35	23	16	12	--	--	--	--	--
		2 SPAN	114*	85*	68*	57*	43	34	27	22	18	15	13	10	--
		3 SPAN	129*	97*	77*	65*	53	41	31	22	17	13	10	--	--
		4 SPAN	124*	93*	75*	62*	50	39	31	24	18	14	11	--	--
	22	1 SPAN	217*	162	104	72	47	31	22	16	12	--	--	--	--
		2 SPAN	172*	129*	103*	86	63	49	39	32	26	22	18	14	11
		3 SPAN	196*	147*	117*	98*	78	59	41	30	23	18	14	11	--
		4 SPAN	188*	141*	113*	94*	74	57	44	32	24	19	15	12	--
	20	1 SPAN	291*	218*	156	90	57	38	27	20	15	11	--	--	--
		2 SPAN	229*	172*	137*	108	80	61	48	39	33	27	21	17	14
		3 SPAN	260*	195*	156*	130*	99	72	51	37	28	21	17	13	11
		4 SPAN	250*	188*	150*	125	92	71	54	39	29	23	18	14	12

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