

# HORIZON STRUCTURAL SYSTEMS

## PRODUCT INFORMATION

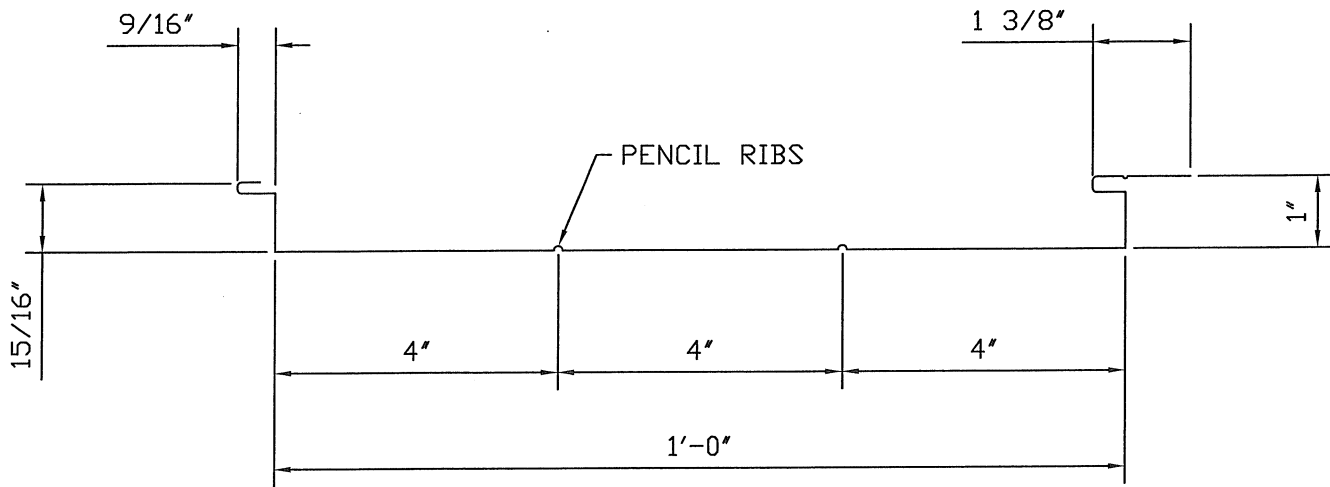
## HL-12 (12-3) PANEL

24 gauge (Fy = 50 ksi) #10-13 Fasteners on 15" centers for attachment to all supporting members (16 gauge supporting members minimum)										
SPAN TYPE	LOAD TYPE	SPAN IN FEET								
		1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Single	Negative Wind Load	485.9	121.5	54.0	27.0	13.8	8.0	5.0	3.4	2.4
	Positive Wind Load	214.1	107.0	71.4	44.5	26.1	15.1	9.5	6.4	4.5
2-Span	Negative Wind Load	204.5	65.7	31.1	17.9	11.6	8.1	6.0	4.6	3.6
	Positive Wind Load	164.5	47.6	21.9	12.5	8.0	5.6	4.1	3.2	2.5
3-Span	Negative Wind Load	230.4	78.4	35.1	19.8	12.7	8.8	6.5	4.9	3.9
	Positive Wind Load	191.8	58.1	27.0	15.5	10.0	7.0	5.1	3.9	3.1

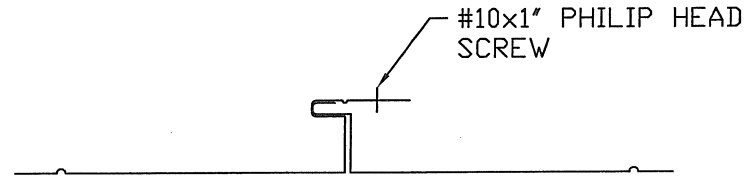
Notes:

1. Allowable Loads are based on uniform span lengths and uniformly distributed load.
2. LIVE LOAD is limited by bending, shear, combined bending and shear and web crippling.
3. NEGATIVE WIND LOAD does not include a 33.33% increase and does consider pull-over and pull-out based on a minimum 16 gauge supporting members. (0.060 in. Fy = 55 ksi, Fu = 70 ksi supporting members)
4. Above Loads are computed for a maximum total load deflection of L/60.
5. The weight of panels has not been deducted from the allowable loads shown above.
6. This material is subject to change without notice.
7. These data has been developed in accordance with the 2010 version of the *North American Specification for Cold-Formed Steel Structural Members*.


The engineering data contained herein is for the express use of the customers of Horizon Structural Systems and qualified design professionals.



PANEL PROFILE: HL-12  
 PANEL WIDTH = 12"



HL-12 LAP DETAIL

 <b>Horizon Structural Systems, Inc.</b> 3950 HWY. 46 W., SUITE 200, NEW BRAUNFELS, TX 78132 PHONE (830) 629-8000, FAX (830) 629-2611		
PANEL PROFILE:	HL-12	REVISION #:
DETAILER:	CSM	PAGE NO: 1