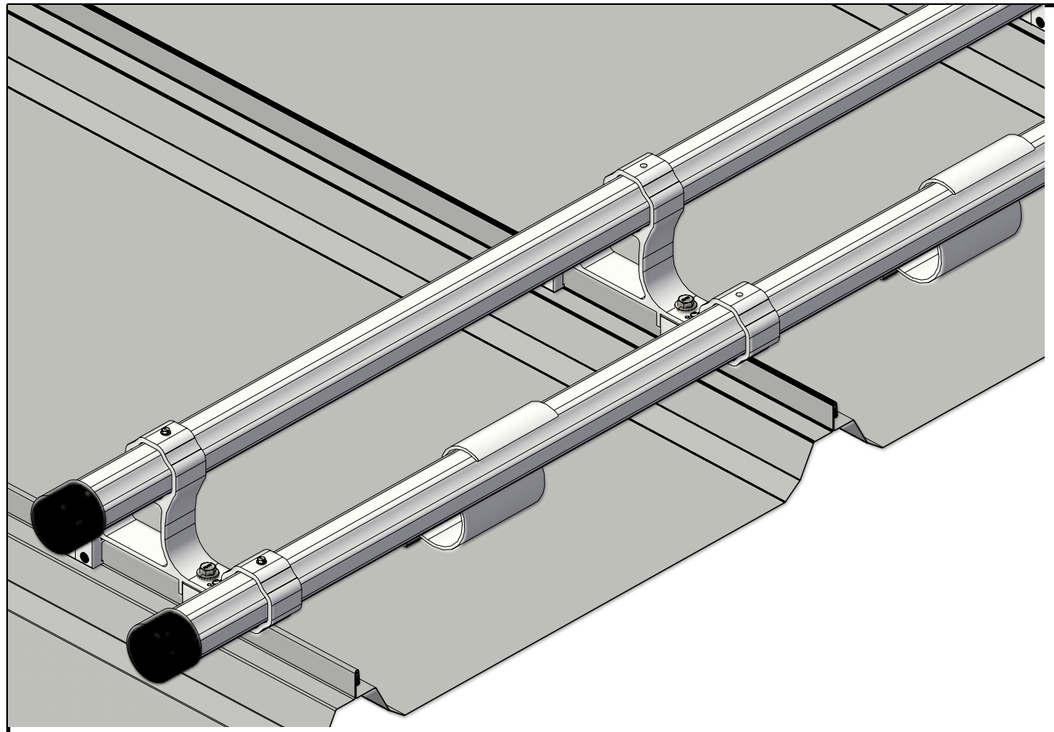
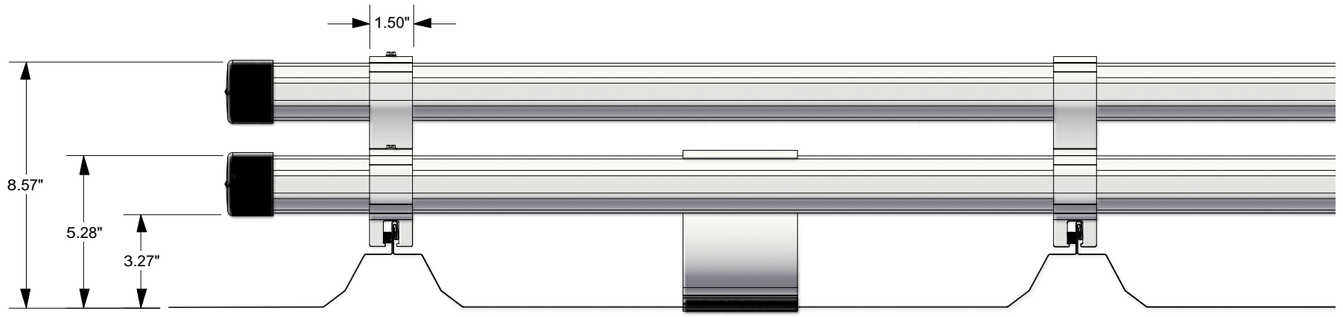




$M_{Rd} = 5727\ lb\text{–}in\ (0.647\ kNm)$

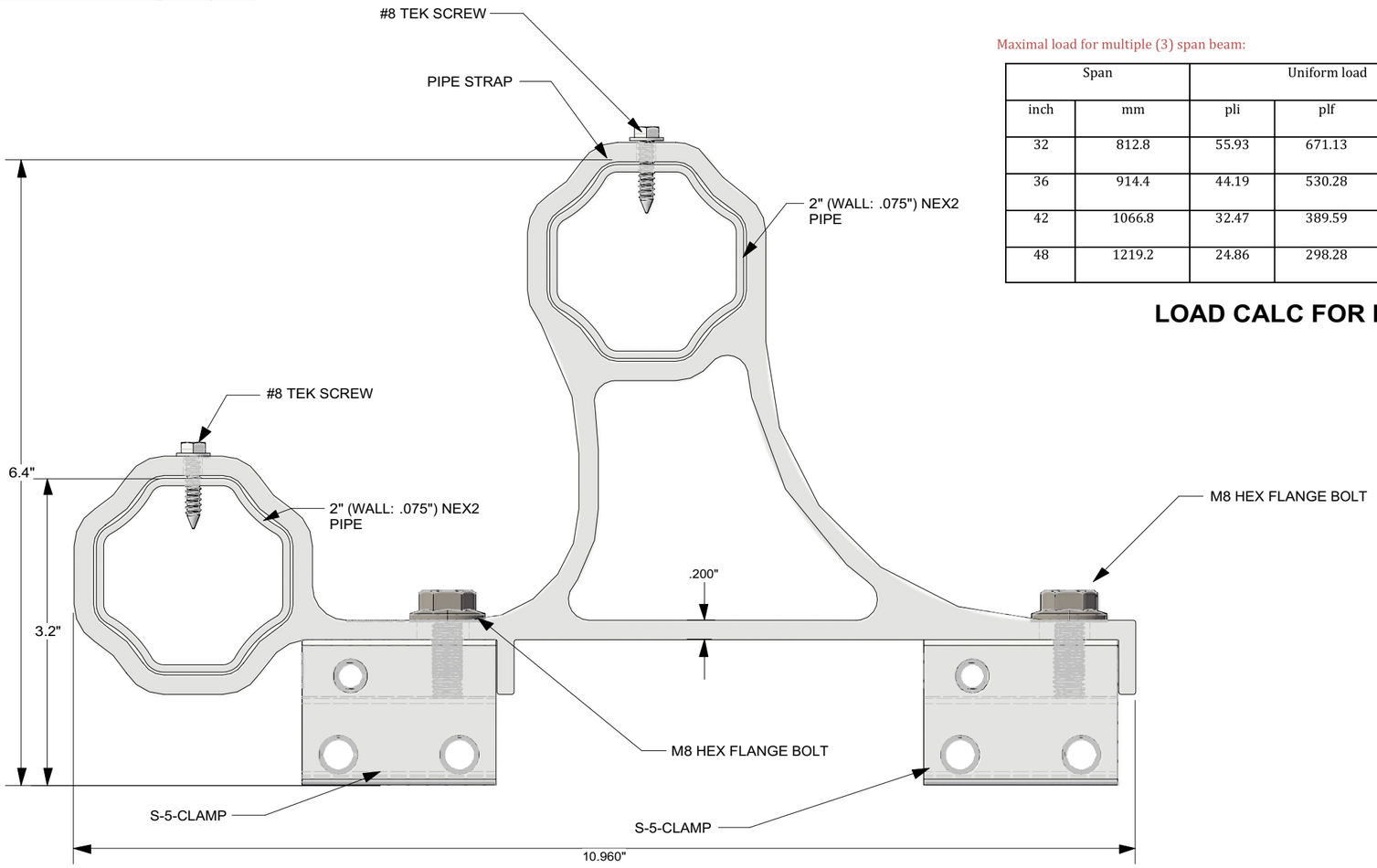
Maximal load for 1 span beam:

Span		Uniform load			Point load	
inch	mm	pli	plf	kN/m	lb	kN
32	812.8	44.74	536.91	7.84	715.88	3.18
36	914.4	35.35	424.22	6.19	636.33	2.83
42	1066.8	25.97	311.67	4.55	545.43	2.43
48	1219.2	19.89	238.63	3.48	477.25	2.12

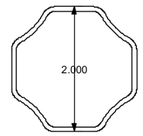
Maximal load for multiple (3) span beam:

Span		Uniform load			Point load	
inch	mm	pli	plf	kN/m	lb	kN
32	812.8	55.93	671.13	9.79	1022.68	4.55
36	914.4	44.19	530.28	7.74	909.05	4.04
42	1066.8	32.47	389.59	5.69	779.19	3.47
48	1219.2	24.86	298.28	4.35	681.79	3.03

LOAD CALC FOR PIPE ONLY



NEX2 14GA (Aluminium)



Engineering properties:

Area of section:	0.514 in^2 (332.257 mm^2)
Moment of Inertia $I_y = I_z$:	0.237 in^4 (98639.4 mm^4)
Section Modulus $W_y = W_z$:	0.237 in^3 (3884.43 mm^3)

M_{Rd} - design resistance for bending about one principal axis of a cross-section

FOR STANDING SEAM SPECIFIC MECHANICAL LOAD TEST INFORMATION AND CLAMP INSTALLATION INFORMATION PLEASE VISIT: WWW.S-5.COM

MATERIAL: **6005A T61**

EST ASSEMBLY WEIGHT :

SUPPLIED HARDWARE:

SCALE:

OTHER:

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719-495-0045 (FAX)

TITLE: XGard 2.0

DRAWING NO.: NP019-A-0-A CCD | DRAWN BY: DMMH | DATE: 08/12/2013