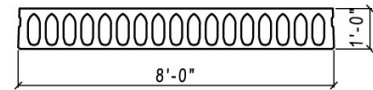


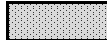
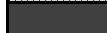
**Load Table**  
**96" Wide 12" Thick**  
**1.63" Strand Cover**



No Structural Topping Dead Load Weight of Slab = 80 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 4 hours				
Section Properties					
A = 661 in <sup>2</sup>	Yt = 5.7 in	b = 32.6 in			
I = 10915 in <sup>4</sup>	Yb = 6.3 in	wt = 80 psf			
$\phi M_n$ ft-k/ft	33.89	44.54	48.08	62.57	69.52
Series	1.63H-12712	1.63H-12716	1.63H-12812	1.63H-12816	1.63H-12818
Span in Feet	Allowable Superimposed Load In lbs/ft <sup>2</sup>				
18	463				
19	409				
20	364	473	484		
21	324	434	448	495	
22	290	400	410	458	479
23	260	361	383	422	441
24	234	327	356	393	411
25	211	296	325	368	384
26	191	269	296	342	357
27	172	246	270	323	336
28	156	224	247	301	314
29	142	205	226	284	296
30	128	187	207	268	279
31	116	172	190	252	262
32	105	158	175	241	250
33	96	145	161	226	235
34	87	133	148	211	224
35		122	136	195	213
36		112	126	182	201
37		103	116	169	188
38		94	107	157	175
39		86	98	146	162
40			90	136	151
41				126	141
42				117	131
43				109	122
44				102	113
45				95	105
46					98
47					91
48					84

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 105 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 4 hours				
Section Properties					
A = 835 in <sup>2</sup>	Yt = 6.33 in	b = 32.6 in			
I = 17032 in <sup>4</sup>	Yb = 7.67 in	wt = 105 psf			
$\phi M_n$ ft-k/ft	40.14	52.56	56.68	73.62	81.72
Series	1.63H-12712T	1.63H-12716T	1.63H-12812T	1.63H-12816T	1.63H-12818T
Span in Feet	Allowable Superimposed Load In lbs/ft <sup>2</sup>				
19	477	497			
20	423	468			
21	376	442			
22	336	419			
23	301	397			
24	270	377			
25	242	342	358		
26	218	310	341		
27	197	282	310		
28	177	256	283		
29	160	234	258		
30	144	213	236	285	
31		195	216	273	
32		178	198	262	
33		163	182	252	
34		149	166	240	
35			153	222	233
36				205	224
37				190	211
38				175	194
39				160	178
40				147	164
41				134	150
42					138
43					126

Concrete Strength: 6,000 psi at 28 days  
Prestress Strands: 3/8", 7/16", 1/2" special, 270 ksi Lo-Lax

 Camber 1"-1 1/2"  
 Camber > 1 1/2"

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