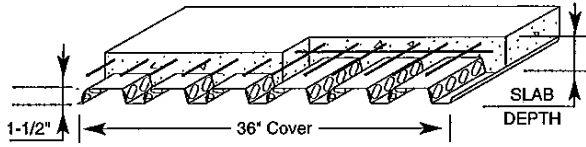


1.5 SB Normal Weight



Section Properties (per ft. of width)

Gage	t In	Wd psf	Sp In ³	Sn In ³	Ip In ⁴	In In ⁴	As In ²	Fy ksi
22	0.0295	1.7	0.172	0.180	0.146	0.182	0.478	50
20	0.0358	2.0	0.218	0.229	0.190	0.221	0.581	50
18	0.0474	2.7	0.301	0.311	0.284	0.294	0.769	40
16	0.0600	3.4	0.388	0.394	0.374	0.373	0.973	40

145 pcf Normal Weight Concrete

Total Slab Depth D	Gage	Maximum Unshored Clear Spans			Composite Properties		Superimposed Live Loads - psf: No Studs											
		Single Span	Double Span	Triple Span	Iavg In ² /ft	Sc In ² /ft	Span - Feet and Inches											
							6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"	9'-6"	10'-0"	10'-6"	11'-0"	11'-6"
4" 36.3 psf 20.6 in ²	22	5'-10"	7'-9"	7'-11"	3.573	0.887	400	343	292	251	217	189	166	146	129	114	101	90
	20	6'-9"	9'-0"	9'-2"	3.854	1.052	400	400	352	303	262	229	201	178	158	140	125	111
	18	7'-2"	9'-5"	9'-8"	4.333	1.345	400	400	360	310	269	235	206	182	161	142	128	115
4-1/2" 42.4 psf 24.8 in ²	22	5'-6"	7'-5"	7'-6"	5.107	1.087	400	400	360	309	268	233	205	180	160	142	126	113
	20	6'-4"	8'-7"	8'-8"	5.496	1.291	400	400	400	373	324	283	249	220	195	174	156	140
	18	6'-9"	8'-11"	9'-3"	6.160	1.653	400	400	400	383	332	290	255	226	200	179	160	143
5" 48.4 psf 29.3 in ²	22	5'-3"	7'-1"	7'-2"	7.022	1.293	400	400	400	370	320	279	245	216	191	170	152	136
	20	6'-1"	8'-2"	8'-4"	7.544	1.538	400	400	400	400	388	339	298	264	235	209	187	168
	18	6'-5"	8'-6"	8'-9"	8.431	1.972	400	400	400	400	398	348	307	271	241	215	193	173
5-1/2" 54.4 psf 34.1 in ²	22	5'-0"	6'-9"	6'-10"	9.360	1.503	400	400	400	400	374	326	287	253	224	199	178	159
	20	5'-10"	7'-10"	7'-11"	10.036	1.791	400	400	400	400	400	397	349	309	275	245	220	197
	18	6'-2"	8'-2"	8'-5"	11.187	2.301	400	400	400	400	400	400	360	318	283	253	227	204
6" 60.5 psf 39.4 in ²	22	4'-10"	6'-6"	6'-7"	12.157	1.717	400	400	400	400	400	374	329	290	258	229	205	183
	20	5'-7"	7'-6"	7'-8"	13.012	2.048	400	400	400	400	400	400	400	355	316	282	253	227
	18	5'-11"	7'-10"	8'-1"	14.468	2.636	400	400	400	400	400	400	400	366	326	291	261	235
16	6'-10"	8'-9"	9'-1"	15.883	3.242	400	400	400	400	400	400	400	366	326	291	261	235	

D, Wc, Ac	Gage	Superimposed Live Loads - psf: Studs @ 1'-0" O.C.			Span - Feet and Inches																	
		Single Span	Double Span	Triple Span	Stud Factors		Span - Feet and Inches															
					2' o.c.	3' o.c.	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"	9'-6"	10'-0"	10'-6"	11'-0"	11'-6"				
4" 36.3 psf 20.6 in ²	22	5'-10"	7'-9"	7'-11"	0.91	0.84	400	400	400	371	305	255	215	182	156	135	118	103				
	20	6'-9"	9'-1"	9'-2"	0.88	0.82	400	400	400	400	329	275	231	197	169	146	127	111				
	18	7'-2"	9'-5"	9'-5"	0.86	0.80	400	400	400	400	370	309	260	221	190	164	142	125				
	16	8'-4"	10'-6"	10'-11"	0.83	0.78	400	400	400	400	400	341	287	244	209	181	157	138				
4-1/2" 42.4 psf 24.8 in ²	22	5'-6"	7'-5"	7'-6"	0.92	0.85	400	400	400	400	387	339	299	261	224	193	168	147				
	20	6'-4"	8'-7"	8'-8"	0.89	0.83	400	400	400	400	400	392	330	281	241	208	181	158				
	18	6'-9"	8'-11"	9'-3"	0.87	0.81	400	400	400	400	400	400	370	314	270	233	203	177				
	16	7'-10"	10'-0"	10'-4"	0.84	0.79	400	400	400	400	400	400	400	347	297	257	223	195				
5" 48.4 psf 29.3 in ²	22	5'-3"	7'-1"	7'-2"	0.93	0.86	400	400	400	400	400	393	347	307	274	245	220	198				
	20	6'-1"	8'-2"	8'-4"	0.89	0.84	400	400	400	400	400	400	400	371	330	285	248	217				
	18	6'-5"	8'-6"	8'-9"	0.88	0.82	400	400	400	400	400	400	400	392	350	314	277	243				
	16	7'-6"	9'-6"	9'-10"	0.85	0.81	400	400	400	400	400	400	400	400	400	351	305	267				
5-1/2" 54.4 psf 34.1 in ²	22	5'-0"	6'-9"	6'-10"	0.93	0.87	400	400	400	400	400	400	395	350	312	279	250	225				
	20	5'-10"	7'-10"	7'-11"	0.90	0.85	400	400	400	400	400	400	400	400	378	339	305	276				
	18	6'-2"	8'-2"	8'-5"	0.88	0.83	400	400	400	400	400	400	400	400	400	359	323	292				
	16	7'-2"	9'-2"	9'-5"	0.85	0.82	400	400	400	400	400	400	400	400	400	400	400	354				
6" 60.5 psf 39.4 in ²	22	4'-10"	6'-6"	6'-7"	0.94	0.88	400	400	400	400	400	400	400	392	349	313	281	253				
	20	5'-7"	7'-6"	7'-8"	0.91	0.86	400	400	400	400	400	400	400	400	400	381	343	310				
	18	5'-11"	7'-10"	8'-1"	0.89	0.84	400	400	400	400	400	400	400	400	400	400	363	328				
	16	6'-10"	8'-9"	9'-1"	0.86	0.83	400	400	400	400	400	400	400	400	400	400	400	400				

- 1) Refer to the Design Notes, Note 7, for information on live load limits for fire-rated construction. See Page CD-3.
- 2) If stud spacing exceeds 1'-0" o.c., reduce live load by applicable stud factor listed above for actual stud spacing.
- 3) If welded wire fabric is not used, the live loads should be reduced by 10%.

1.5 SB Lightweight

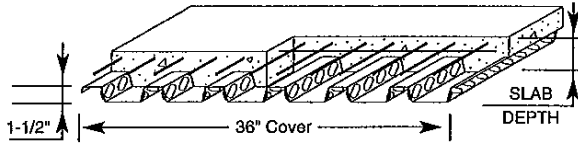
115 pcf Lightweight Concrete

Total Slab Depth D	Gage	Maximum Unshored Clear Spans			Composite Properties		Superimposed Live Loads - psf: No Studs											
		Single Span	Double Span	Triple Span	I _{avg} in ⁴ /ft	S _c in ³ /ft	Span - Feet and Inches											
							6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"	9'-6"	10'-0"	10'-6"	11'-0"	11'-6"
4" 28.8 psf 20.6 in ²	22	6'-3"	8'-5"	8'-6"	2.916	0.848	394	333	284	244	212	185	163	144	127	110	96	84
	20	7'-4"	9'-8"	9'-11"	3.163	1.002	400	397	339	293	254	223	190	161	138	120	104	91
	18	7'-9"	10'-1"	10'-5"	3.580	1.274	400	400	345	297	259	226	199	176	157	135	118	103
	16	9'-1"	11'-4"	11'-8"	3.965	1.543	400	400	345	297	259	226	199	176	157	135	118	103
4-1/2" 33.6 psf 24.8 in ²	22	6'-0"	8'-0"	8'-1"	4.159	1.044	400	400	351	302	262	229	202	178	158	141	126	113
	20	6'-11"	9'-3"	9'-5"	4.503	1.235	400	400	400	362	315	276	243	216	192	170	148	130
	18	7'-4"	9'-7"	9'-11"	5.082	1.573	400	400	400	369	321	281	248	220	196	175	157	141
	16	8'-7"	10'-9"	11'-2"	5.621	1.911	400	400	400	369	321	281	248	220	196	175	157	141
4-3/4" 36.0 psf 27.0 in ²	22	5'-10"	7'-10"	7'-11"	4.892	1.144	400	400	385	332	288	252	222	196	174	156	139	125
	20	6'-9"	9'-1"	9'-2"	5.293	1.355	400	400	400	398	346	304	268	237	212	189	170	152
	18	7'-2"	9'-5"	9'-9"	5.967	1.727	400	400	400	400	353	310	273	242	216	193	173	156
	16	8'-4"	10'-7"	10'-11"	6.596	2.102	400	400	400	400	353	310	273	242	216	193	173	156
5" 38.4 psf 34.1 in ²	22	5'-8"	7'-8"	7'-9"	5.704	1.246	400	400	400	362	315	275	242	214	191	170	152	137
	20	6'-7"	8'-10"	9'-0"	6.167	1.477	400	400	400	400	378	332	293	260	231	207	186	168
	18	7'-0"	9'-3"	9'-6"	6.945	1.885	400	400	400	400	386	339	299	265	236	211	190	171
	16	8'-2"	10'-4"	10'-8"	7.675	2.296	400	400	400	400	386	339	299	265	236	211	190	171
5-3/4" 45.6 psf 36.7 in ²	22	5'-4"	7'-2"	7'-4"	8.655	1.558	400	400	400	400	396	346	305	270	240	215	193	173
	20	6'-2"	8'-4"	8'-6"	9.337	1.851	400	400	400	400	400	400	369	328	292	262	235	212
	18	6'-7"	8'-8"	9'-0"	10.483	2.370	400	400	400	400	400	400	378	336	300	268	241	218
	16	7'-8"	9'-9"	10'-1"	11.572	2.899	400	400	400	400	400	400	378	336	300	268	241	218

D, Wc, Ac	Gage	Maximum Unshored Clear Spans			Stud Factors		Superimposed Live Loads - psf: Studs @ 1'-0" O.C.											
		Single Span	Double Span	Triple Span	2' o.c.	3' o.c.	Span - Feet and Inches											
							6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"	9'-6"	10'-0"	10'-6"	11'-0"	11'-6"
4" 28.8 psf 20.6 in ²	22	6'-3"	8'-5"	8'-6"	0.87	0.80	400	400	372	303	249	208	175	149	128	110	96	84
	20	7'-4"	9'-8"	9'-11"	0.83	0.78	400	400	400	328	270	225	190	161	138	120	104	91
	18	7'-9"	10'-1"	10'-5"	0.81	0.76	400	400	400	371	306	255	215	183	157	135	118	103
	16	9'-1"	11'-3"	11'-8"	0.78	0.74	400	400	400	400	339	283	238	202	174	150	130	114
4-1/2" 33.6 psf 24.8 in ²	22	6'-0"	8'-0"	8'-1"	0.88	0.81	400	400	400	400	356	296	250	212	182	157	137	120
	20	6'-11"	9'-3"	9'-5"	0.84	0.79	400	400	400	400	385	321	270	230	197	170	148	130
	18	7'-4"	9'-7"	9'-11"	0.82	0.77	400	400	400	400	400	362	305	259	222	192	167	146
	16	8'-7"	10'-9"	11'-2"	0.79	0.75	400	400	400	400	400	400	338	287	246	213	185	162
4-3/4" 36.0 psf 27.0 in ²	22	5'-10"	7'-10"	7'-11"	0.88	0.82	400	400	400	400	400	349	294	250	214	185	161	141
	20	6'-9"	9'-1"	9'-2"	0.85	0.80	400	400	400	400	400	377	318	270	232	200	174	152
	18	7'-2"	9'-5"	9'-9"	0.83	0.78	400	400	400	400	400	400	358	305	261	226	196	172
	16	8'-4"	10'-6"	10'-11"	0.80	0.76	400	400	400	400	400	400	396	337	289	249	217	190
5" 38.4 psf 34.1 in ²	22	5'-8"	7'-8"	7'-9"	0.88	0.83	400	400	400	400	400	400	343	291	250	216	188	164
	20	6'-7"	8'-10"	9'-0"	0.85	0.81	400	400	400	400	400	400	370	315	270	233	203	178
	18	7'-0"	9'-3"	9'-6"	0.83	0.79	400	400	400	400	400	400	400	355	304	263	228	200
	16	8'-2"	10'-4"	10'-8"	0.80	0.77	400	400	400	400	400	400	400	392	336	290	252	221
5-3/4" 45.6 psf 36.7 in ²	22	5'-4"	7'-3"	7'-4"	0.90	0.84	400	400	400	400	400	400	400	380	339	305	274	248
	20	6'-2"	8'-4"	8'-6"	0.87	0.82	400	400	400	400	400	400	400	400	400	353	307	269
	18	6'-7"	8'-8"	9'-0"	0.85	0.80	400	400	400	400	400	400	400	400	400	390	345	292
	16	7'-8"	9'-9"	10'-1"	0.82	0.78	400	400	400	400	400	400	400	400	400	400	381	333

- 1) Refer to the Design Notes, Note 7, for information on live load limits for fire-rated construction. See Page CD-3.
- 2) If stud spacing exceeds 1'-0" o.c., reduce live load by applicable stud factor listed above for actual stud spacing.
- 3) If welded wire fabric is not used, the live loads should be reduced by 10%.

1.5 SBR Normal Weight



Section Properties (per ft. of width)

Gage	t In	Wd psf	Sp In ³	Sn In ³	Ip In ⁴	In In ⁴	As In ²	Fy ksi
22	0.0295	1.7	0.180	0.172	0.182	0.146	0.478	50
20	0.0358	2.0	0.229	0.218	0.221	0.190	0.581	50
18	0.0474	2.7	0.311	0.301	0.294	0.284	0.769	40
16	0.0600	3.4	0.394	0.388	0.373	0.374	0.973	40

145 pcf Normal Weight Concrete

Total Slab Depth D	Gage	Maximum Unshored Clear Spans			Composite Properties		Superimposed Live Loads - psf: No Studs											
		Single Span	Double Span	Triple Span	Iavg In ³ /ft	Sc In ³ /ft	Span - Feet and Inches											
							6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"	9'-6"	10'-0"	10'-6"	11'-0"	11'-6"
4" 42.2 psf 36.3 in ²	22	5'-8"	7'-5"	7'-9"	4.800	1.190	400	400	397	342	296	259	227	201	178	158	141	126
	20	6'-7"	8'-5"	8'-8"	5.146	1.415	400	400	400	400	358	314	276	244	217	194	169	148
	18	6'-11"	8'-9"	9'-1"	5.724	1.812	400	400	400	400	367	322	283	251	223	199	179	160
4-1/2" 48.3 psf 41.1 in ²	22	5'-5"	7'-1"	7'-4"	6.671	1.399	400	400	400	400	350	306	268	237	210	187	167	150
	20	6'-3"	8'-0"	8'-3"	7.142	1.667	400	400	400	400	400	371	327	289	257	230	206	185
	18	6'-7"	8'-4"	8'-8"	7.929	2.140	400	400	400	400	400	381	336	298	265	237	212	191
5" 54.3 psf 45.7 in ²	22	5'-2"	6'-10"	7'-1"	8.963	1.613	400	400	400	400	400	353	311	275	244	217	194	174
	20	6'-0"	7'-8"	7'-11"	9.580	1.923	400	400	400	400	400	400	378	335	298	267	239	215
	18	6'-3"	8'-0"	8'-4"	10.618	2.475	400	400	400	400	400	400	390	346	308	275	247	222
5-1/2" 60.4 psf 50.2 in ²	22	5'-0"	6'-7"	6'-9"	11.714	1.829	400	400	400	400	400	400	353	312	277	247	221	198
	20	5'-9"	7'-4"	7'-7"	12.502	2.184	400	400	400	400	400	400	400	382	340	304	273	246
	18	6'-0"	7'-8"	8'-0"	13.831	2.816	400	400	400	400	400	400	400	395	352	315	282	254
6" 66.4 psf 54.8 in ²	22	4'-10"	6'-4"	6'-6"	14.963	2.048	400	400	400	400	400	400	397	351	312	278	249	223
	20	5'-7"	7'-1"	7'-4"	15.945	2.448	400	400	400	400	400	400	400	400	382	342	307	276
	18	5'-10"	7'-5"	7'-8"	17.608	3.161	400	400	400	400	400	400	400	400	396	354	318	287
16	6'-9"	8'-5"	8'-9"	19.238	3.906	400	400	400	400	400	400	400	400	400	396	354	318	287

D, Wc, Ac	Gage	Maximum Unshored Clear Spans			Stud Factors		Superimposed Live Loads - psf: Studs @ 1'-0" O.C.											
		Single Span	Double Span	Triple Span	2' o.c.	3' o.c.	Span - Feet and Inches											
							6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"	9'-6"	10'-0"	10'-6"	11'-0"	11'-6"
4" 42.2 psf 36.3 in ²	22	5'-8"	7'-5"	7'-9"	1.00	0.96	400	400	400	400	370	324	286	245	210	182	158	138
	20	6'-7"	8'-5"	8'-8"	1.00	0.94	400	400	400	400	400	367	309	263	225	195	169	148
	18	6'-11"	8'-9"	9'-1"	0.99	0.92	400	400	400	400	400	400	344	292	251	216	188	165
4-1/2" 48.3 psf 41.1 in ²	22	5'-5"	7'-1"	7'-4"	1.00	0.96	400	400	400	400	400	378	333	295	263	235	211	190
	20	6'-3"	8'-0"	8'-3"	1.00	0.94	400	400	400	400	400	400	400	357	313	270	235	206
	18	6'-7"	8'-4"	8'-8"	0.99	0.93	400	400	400	400	400	400	400	376	336	300	261	228
5" 54.3 psf 45.7 in ²	22	5'-2"	6'-10"	7'-1"	1.00	0.97	400	400	400	400	400	400	381	338	301	269	241	217
	20	6'-0"	7'-8"	7'-11"	1.00	0.94	400	400	400	400	400	400	400	400	365	327	294	266
	18	6'-3"	8'-0"	8'-4"	0.99	0.93	400	400	400	400	400	400	400	400	386	346	311	281
5-1/2" 60.4 psf 50.2 in ²	22	5'-0"	6'-7"	6'-9"	1.00	0.97	400	400	400	400	400	400	400	380	339	303	272	245
	20	5'-9"	7'-4"	7'-7"	1.00	0.95	400	400	400	400	400	400	400	400	400	369	332	300
	18	6'-0"	7'-8"	8'-0"	0.99	0.93	400	400	400	400	400	400	400	400	400	391	352	318
6" 66.4 psf 54.8 in ²	22	4'-10"	6'-4"	6'-6"	1.00	0.97	400	400	400	400	400	400	400	400	376	337	302	272
	20	5'-7"	7'-1"	7'-4"	1.00	0.95	400	400	400	400	400	400	400	400	400	400	370	334
	18	5'-10"	7'-5"	7'-8"	0.99	0.94	400	400	400	400	400	400	400	400	400	400	392	354
16	6'-9"	8'-5"	8'-8"	0.96	0.92	400	400	400	400	400	400	400	400	400	400	400	400	400

- 1) Refer to the Design Notes, Note 7, for information on live load limits for fire-rated construction. See Page CD-3.
- 2) If stud spacing exceeds 1'-0" o.c., reduce live load by applicable stud factor listed above for actual stud spacing.
- 3) If welded wire fabric is not used, the live loads should be reduced by 10%.

1.5 SBR Lightweight

115 pcf Lightweight Concrete

Total Slab Depth D	Wt. Conc. Area Conc.	Maximum Unshored Clear Spans			Composite Properties		Superimposed Live Loads - psf: No Studs											
		Gage	Single Span	Double Span	Triple Span	I _{avg} in ⁴ /ft	S _c in ⁴ /ft	Span - Feet and Inches										
								6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"	9'-6"	10'-0"	10'-6"	11'-0"
4" 33.5 pcf 36.3 in ²	22	6'-2"	8'-1"	8'-4"	3.900	1.152	400	400	390	336	292	256	225	199	171	147	128	112
	20	7'-2"	9'-1"	9'-4"	4.205	1.366	400	400	400	400	351	300	253	215	184	159	138	121
	18	7'-6"	9'-6"	9'-10"	4.707	1.742	400	400	400	400	358	314	278	240	206	178	155	135
	16	8'-8"	10'-9"	11'-1"	5.180	2.126	400	400	400	400	358	314	278	240	206	178	155	135
4-1/2" 38.3 pcf 41.1 in ²	22	5'-10"	7'-9"	8'-0"	5.404	1.358	400	400	400	398	346	303	267	237	211	188	169	152
	20	6'-10"	8'-8"	9'-0"	5.821	1.613	400	400	400	400	365	322	286	255	220	191	168	
	18	7'-2"	9'-1"	9'-5"	6.509	2.063	400	400	400	400	374	330	293	262	234	211	187	
	16	8'-3"	10'-3"	10'-7"	7.161	2.525	400	400	400	400	374	330	293	262	234	211	187	
4-3/4" 40.7 pcf 43.4 in ²	22	5'-9"	7'-7"	7'-10"	6.279	1.463	400	400	400	400	373	327	288	255	227	203	182	164
	20	6'-8"	8'-6"	8'-9"	6.759	1.739	400	400	400	400	394	348	309	276	247	222	195	
	18	7'-0"	8'-11"	9'-2"	7.554	2.226	400	400	400	400	400	357	317	283	254	228	206	
	16	8'-1"	10'-1"	10'-5"	8.309	2.728	400	400	400	400	400	357	317	283	254	228	206	
5" 43.1 pcf 45.7 in ²	22	5'-8"	7'-5"	7'-8"	7.239	1.568	400	400	400	400	400	351	309	274	244	218	196	176
	20	6'-6"	8'-4"	8'-7"	7.789	1.866	400	400	400	400	400	374	332	297	266	239	216	
	18	6'-10"	8'-9"	9'-0"	8.700	2.392	400	400	400	400	400	384	341	305	273	246	222	
	16	7'-11"	9'-10"	10'-2"	9.569	2.935	400	400	400	400	400	384	341	305	273	246	222	
5-3/4" 50.3 pcf 52.5 in ²	22	5'-4"	7'-0"	7'-3"	10.675	1.890	400	400	400	400	400	400	374	332	296	265	238	214
	20	6'-2"	7'-10"	8'-2"	11.466	2.252	400	400	400	400	400	400	400	400	360	323	290	262
	18	6'-6"	8'-3"	8'-6"	12.785	2.896	400	400	400	400	400	400	400	400	371	332	299	271
	16	7'-5"	9'-4"	9'-8"	14.052	3.564	400	400	400	400	400	400	400	400	371	332	299	271

D, Wc, Ac	Gage	Maximum Unshored Clear Spans			Stud Factors		Superimposed Live Loads - psf: Studs @ 1'-0" O.C.												
		Single Span	Double Span	Triple Span	2' o.c.	3' o.c.	Span - Feet and Inches												
							6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"	9'-6"	10'-0"	10'-6"	11'-0"	11'-6"	
4" 33.5 pcf 36.3 in ²	22	6'-2"	8'-1"	8'-4"	1.00	0.93	400	400	400	400	333	278	234	199	171	147	128	112	
	20	7'-2"	9'-1"	9'-4"	0.96	0.91	400	400	400	400	360	300	253	215	184	159	138	121	
	18	7'-6"	9'-6"	9'-10"	0.95	0.89	400	400	400	400	400	336	283	240	206	178	155	135	
	16	8'-8"	10'-8"	11'-1"	0.92	0.87	400	400	400	400	400	369	311	264	227	196	170	149	
4-1/2" 38.3 pcf 41.1 in ²	22	5'-10"	7'-9"	8'-0"	1.00	0.93	400	400	400	400	400	385	324	276	237	204	178	156	
	20	6'-10"	8'-8"	9'-0"	0.97	0.91	400	400	400	400	400	400	350	297	255	220	191	168	
	18	7'-2"	9'-1"	9'-5"	0.95	0.89	400	400	400	400	400	400	391	332	285	246	214	187	
	16	8'-3"	10'-3"	10'-7"	0.92	0.87	400	400	400	400	400	400	400	366	313	271	236	206	
4-3/4" 40.7 pcf 43.4 in ²	22	5'-9"	7'-7"	7'-10"	1.00	0.94	400	400	400	400	400	400	400	365	321	275	237	206	181
	20	6'-8"	8'-4"	8'-9"	0.97	0.91	400	400	400	400	400	400	400	345	296	256	222	195	
	18	7'-0"	8'-11"	9'-2"	0.95	0.90	400	400	400	400	400	400	400	386	331	286	248	217	
	16	8'-1"	10'-1"	10'-5"	0.92	0.88	400	400	400	400	400	400	400	400	364	314	273	239	
5" 43.1 pcf 45.7 in ²	22	5'-8"	7'-5"	7'-8"	1.00	0.94	400	400	400	400	400	400	400	390	346	309	274	238	208
	20	6'-6"	8'-4"	8'-7"	0.97	0.92	400	400	400	400	400	400	400	398	341	295	256	224	
	18	6'-10"	8'-9"	9'-0"	0.95	0.90	400	400	400	400	400	400	400	400	381	329	286	250	
	16	7'-11"	9'-10"	10'-2"	0.92	0.88	400	400	400	400	400	400	400	400	400	381	329	286	250
5-3/4" 50.3 pcf 52.5 in ²	22	5'-4"	7'-0"	7'-3"	1.00	0.94	400	400	400	400	400	400	400	400	400	367	330	297	268
	20	6'-2"	7'-10"	8'-2"	0.97	0.92	400	400	400	400	400	400	400	400	400	400	400	361	327
	18	6'-6"	8'-3"	8'-6"	0.96	0.91	400	400	400	400	400	400	400	400	400	400	400	382	346
	16	7'-5"	9'-4"	9'-8"	0.92	0.88	400	400	400	400	400	400	400	400	400	400	400	400	400

- 1) Refer to the Design Notes, Note 7, for information on live load limits for fire-rated construction. See Page CD-3.
- 2) If stud spacing exceeds 1'-0" o.c., reduce live load by applicable stud factor listed above for actual stud spacing.
- 3) If welded wire fabric is not used, the live loads should be reduced by 10%.