



1.5" Type 'B' Roof Deck Section Properties						
Select Properties						
Deck Type	t in	Wd psf	Sp in <sup>3</sup> /ft	Sn in <sup>3</sup> /ft	I in <sup>4</sup> /ft	Fy ksi
22	0.0295	1.81	0.192	0.198	0.164	33
20	0.0358	2.16	0.243	0.255	0.212	33
18	0.0474	2.85	0.331	0.341	0.306	33
16	0.0598	3.54	0.408	0.411	0.373	33

1.5" Type 'B' Roof Deck																
No. of Spans	Deck Type	Max. SDI Const. Span	Allowable Uniform Total Load PSF-Type B36, B30, and B24													
			Span - Feet and Inches (ctr. To ctr. Supports)													
			3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"	9'-6"	10'-0"
1	22	5'-6"	207	158	125	101	84	70	60	52	45	40	35	31	28	25
	20	6'-3"	262	201	158	128	106	89	76	65	57	50	44	40	36	32
	18	7'-6"	356	273	215	175	144	121	103	89	78	68	60	54	48	44
	16	8'-8"	444	340	269	215	178	149	127	110	96	84	74	66	60	54
2	22	6'-6"	213	163	129	105	86	73	62	53	46	41	36	32	29	26
	20	7'-5"	275	210	166	135	111	93	80	69	60	53	47	42	37	34
	18	8'-10"	368	281	222	180	149	125	107	92	80	70	62	56	50	45
	16	10'-3"	447	343	271	213	176	149	127	110	95	84	74	66	60	54
3	22	6'-6"	267	204	161	131	108	91	77	67	58	51	45	40	36	33
	20	7'-5"	343	263	208	168	139	117	100	86	75	66	58	52	47	42
	18	8'-10"	460	352	278	225	186	156	133	115	100	88	78	70	62	56
	16	10'-3"	559	428	338	254	219	185	158	136	119	105	93	83	74	67