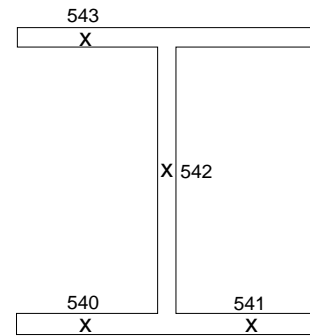


TIME MINS	STEEL COLUMN TEMPERATURE								
	1.0 m BELOW DECKING				2.5 m BELOW DECKING				
	540	541	542	543					
0.0	23	23	24	24	*	*	*	*	*
0.5	23	23	24	24	*	*	*	*	*
1.0	23	23	24	24	*	*	*	*	*
1.5	23	23	24	24	*	*	*	*	*
2.0	23	23	24	24	*	*	*	*	*
2.5	23	23	24	24	*	*	*	*	*
3.0	23	23	24	24	*	*	*	*	*
3.5	23	23	24	24	*	*	*	*	*
4.0	23	23	24	24	*	*	*	*	*
4.5	23	23	24	24	*	*	*	*	*
5.0	23	23	24	24	*	*	*	*	*
5.5	23	23	24	24	*	*	*	*	*
6.0	23	23	24	24	*	*	*	*	*
6.5	23	23	24	24	*	*	*	*	*
7.0	23	23	24	24	*	*	*	*	*
7.5	23	23	24	24	*	*	*	*	*
8.0	23	23	24	24	*	*	*	*	*
8.5	23	23	24	24	*	*	*	*	*
9.0	23	23	24	24	*	*	*	*	*
9.5	23	23	23	24	*	*	*	*	*
10.0	23	23	23	24	*	*	*	*	*
10.5	23	23	23	24	*	*	*	*	*
11.0	23	23	23	23	*	*	*	*	*
11.5	22	22	22	23	*	*	*	*	*
12.0	22	22	22	23	*	*	*	*	*
12.5	22	21	21	23	*	*	*	*	*
13.0	22	21	21	22	*	*	*	*	*
13.5	23	21	21	22	*	*	*	*	*
14.0	23	21	21	22	*	*	*	*	*
14.5	24	21	21	22	*	*	*	*	*
15.0	24	22	21	22	*	*	*	*	*
15.5	25	22	21	22	*	*	*	*	*
16.0	26	22	21	22	*	*	*	*	*
16.5	26	22	22	22	*	*	*	*	*
17.0	27	22	22	22	*	*	*	*	*
17.5	28	22	22	22	*	*	*	*	*
18.0	28	22	22	23	*	*	*	*	*
18.5	29	22	23	23	*	*	*	*	*
19.0	30	22	23	23	*	*	*	*	*
19.5	31	22	24	22	*	*	*	*	*
20.0	33	23	24	23	*	*	*	*	*
20.5	35	23	25	25	*	*	*	*	*
21.0	36	23	26	26	*	*	*	*	*
21.5	37	24	27	27	*	*	*	*	*
22.0	39	24	27	28	*	*	*	*	*
22.5	41	25	28	30	*	*	*	*	*
23.0	42	25	29	30	*	*	*	*	*
23.5	43	26	29	31	*	*	*	*	*
24.0	45	26	30	32	*	*	*	*	*
24.5	46	27	30	33	*	*	*	*	*
25.0	47	27	31	35	*	*	*	*	*
25.5	48	27	31	35	*	*	*	*	*
26.0	49	28	31	35	*	*	*	*	*
26.5	50	28	31	36	*	*	*	*	*
27.0	52	29	32	36	*	*	*	*	*
27.5	53	29	32	37	*	*	*	*	*
28.0	54	30	33	38	*	*	*	*	*
28.5	55	31	33	38	*	*	*	*	*
29.0	57	31	34	39	*	*	*	*	*
29.5	57	31	34	39	*	*	*	*	*
30.0	58	32	35	39	*	*	*	*	*
30.5	59	33	35	39	*	*	*	*	*
31.0	60	33	35	40	*	*	*	*	*
31.5	61	34	36	40	*	*	*	*	*
32.0	62	34	37	40	*	*	*	*	*
32.5	62	35	37	40	*	*	*	*	*



\* Not Measured

Steel Temperatures At Column 4F .

Table 3.1

33.0	63	35	37	40	*	*	*	*	*
33.5	63	36	38	40	*	*	*	*	*
34.0	64	36	38	40	*	*	*	*	*
34.5	64	37	39	40	*	*	*	*	*
35.0	64	37	39	40	*	*	*	*	*
35.5	64	38	39	41	*	*	*	*	*
36.0	65	39	40	41	*	*	*	*	*
36.5	65	39	40	41	*	*	*	*	*
37.0	65	39	41	41	*	*	*	*	*
37.5	65	40	41	41	*	*	*	*	*
38.0	65	41	41	41	*	*	*	*	*
38.5	66	41	41	42	*	*	*	*	*
39.0	66	42	42	42	*	*	*	*	*
39.5	66	42	42	42	*	*	*	*	*
40.0	66	42	43	42	*	*	*	*	*
40.5	67	43	43	43	*	*	*	*	*
41.0	67	43	43	43	*	*	*	*	*
41.5	67	44	44	43	*	*	*	*	*
42.0	67	44	44	43	*	*	*	*	*
42.5	68	45	44	43	*	*	*	*	*
43.0	68	45	44	44	*	*	*	*	*
43.5	68	45	45	44	*	*	*	*	*
44.0	68	46	45	44	*	*	*	*	*
44.5	69	46	45	44	*	*	*	*	*
45.0	69	46	46	44	*	*	*	*	*
45.5	69	47	46	44	*	*	*	*	*
46.0	69	47	46	44	*	*	*	*	*
46.5	70	48	46	44	*	*	*	*	*
47.0	70	48	47	45	*	*	*	*	*
47.5	70	48	47	45	*	*	*	*	*
48.0	71	48	47	45	*	*	*	*	*
48.5	71	49	47	45	*	*	*	*	*
49.0	71	49	48	45	*	*	*	*	*
49.5	71	49	48	45	*	*	*	*	*
50.0	72	50	48	45	*	*	*	*	*
50.5	72	50	48	45	*	*	*	*	*
51.0	72	50	48	45	*	*	*	*	*
51.5	73	51	49	45	*	*	*	*	*
52.0	73	51	49	45	*	*	*	*	*
52.5	73	51	49	45	*	*	*	*	*
53.0	73	52	49	45	*	*	*	*	*
53.5	74	52	49	45	*	*	*	*	*
54.0	74	52	50	45	*	*	*	*	*
54.5	74	53	50	45	*	*	*	*	*
55.0	74	53	50	45	*	*	*	*	*
55.5	74	53	50	45	*	*	*	*	*
56.0	74	53	50	45	*	*	*	*	*
56.5	74	54	50	45	*	*	*	*	*
57.0	75	54	51	46	*	*	*	*	*
57.5	75	54	51	46	*	*	*	*	*
58.0	75	54	51	46	*	*	*	*	*
58.5	75	54	51	46	*	*	*	*	*
59.0	75	55	51	46	*	*	*	*	*
59.5	75	55	51	46	*	*	*	*	*
60.0	75	55	51	46	*	*	*	*	*
60.5	75	55	52	46	*	*	*	*	*
61.0	75	55	52	46	*	*	*	*	*
61.5	75	56	52	46	*	*	*	*	*
62.0	75	56	52	46	*	*	*	*	*
62.5	75	56	52	46	*	*	*	*	*
63.0	76	56	52	46	*	*	*	*	*
63.5	76	57	52	46	*	*	*	*	*
64.0	76	57	53	46	*	*	*	*	*
64.5	76	57	53	46	*	*	*	*	*
65.0	76	57	53	46	*	*	*	*	*
65.5	76	57	53	46	*	*	*	*	*
66.0	76	57	53	46	*	*	*	*	*
66.5	76	58	53	46	*	*	*	*	*
67.0	76	58	53	46	*	*	*	*	*
67.5	76	58	53	46	*	*	*	*	*

Steel Temperatures At Column 4F .

Table 3.1

68.0	76	58	53	46	*	*	*	*	*
68.5	76	58	53	46	*	*	*	*	*
69.0	76	58	53	46	*	*	*	*	*
69.5	76	58	53	46	*	*	*	*	*
70.0	76	58	54	46	*	*	*	*	*
70.5	76	58	53	46	*	*	*	*	*
71.0	76	59	54	46	*	*	*	*	*
71.5	76	59	54	46	*	*	*	*	*
72.0	76	59	54	46	*	*	*	*	*
72.5	75	59	54	46	*	*	*	*	*
73.0	76	59	54	46	*	*	*	*	*
73.5	75	59	54	46	*	*	*	*	*
74.0	75	59	54	46	*	*	*	*	*
74.5	75	59	54	46	*	*	*	*	*
75.0	75	59	54	46	*	*	*	*	*
75.5	75	59	54	46	*	*	*	*	*
76.0	75	60	54	46	*	*	*	*	*
76.5	75	60	54	46	*	*	*	*	*
77.0	75	60	54	46	*	*	*	*	*
77.5	75	60	54	46	*	*	*	*	*
78.0	75	60	54	46	*	*	*	*	*
78.5	75	60	54	46	*	*	*	*	*
79.0	75	60	54	46	*	*	*	*	*
79.5	75	60	54	46	*	*	*	*	*
80.0	75	60	54	46	*	*	*	*	*
80.5	75	60	54	46	*	*	*	*	*
81.0	75	60	54	46	*	*	*	*	*
81.5	75	60	54	46	*	*	*	*	*
82.0	74	60	54	46	*	*	*	*	*
82.5	74	61	54	46	*	*	*	*	*
83.0	74	61	54	46	*	*	*	*	*
83.5	74	61	54	46	*	*	*	*	*
84.0	74	61	54	46	*	*	*	*	*
84.5	74	61	54	46	*	*	*	*	*
85.0	74	61	54	46	*	*	*	*	*
85.5	74	61	54	46	*	*	*	*	*
86.0	74	61	54	46	*	*	*	*	*
86.5	73	61	54	46	*	*	*	*	*
87.0	73	61	54	46	*	*	*	*	*
87.5	73	61	54	46	*	*	*	*	*
88.0	73	61	54	46	*	*	*	*	*
88.5	73	61	54	46	*	*	*	*	*
109.0	69	60	53	45	*	*	*	*	*
119.0	66	59	52	45	*	*	*	*	*
129.0	64	58	51	44	*	*	*	*	*
139.0	61	55	49	42	*	*	*	*	*
149.0	59	54	48	41	*	*	*	*	*
159.0	57	53	47	41	*	*	*	*	*
169.0	55	51	45	40	*	*	*	*	*
179.0	54	50	45	39	*	*	*	*	*
189.0	52	49	44	38	*	*	*	*	*
199.0	51	48	42	37	*	*	*	*	*
209.0	49	47	41	37	*	*	*	*	*
219.0	48	46	41	36	*	*	*	*	*
229.0	47	45	40	35	*	*	*	*	*
239.0	46	44	39	35	*	*	*	*	*
249.0	45	43	38	34	*	*	*	*	*
259.0	44	42	37	33	*	*	*	*	*
269.0	43	41	37	33	*	*	*	*	*
279.0	42	41	36	32	*	*	*	*	*
289.0	41	40	36	32	*	*	*	*	*
299.0	40	39	35	31	*	*	*	*	*
309.0	39	39	34	31	*	*	*	*	*
319.0	39	38	34	30	*	*	*	*	*
329.0	38	37	33	30	*	*	*	*	*
339.0	37	37	33	29	*	*	*	*	*
349.0	37	36	32	29	*	*	*	*	*
359.0	36	35	32	28	*	*	*	*	*
369.0	36	35	31	28	*	*	*	*	*
379.0	35	34	31	27	*	*	*	*	*

Steel Temperatures At Column 4F .

Table 3.1

389.0	34	34	30	27	*	*	*	*	*	*
399.0	34	33	30	27	*	*	*	*	*	*
409.0	33	33	29	26	*	*	*	*	*	*
419.0	33	32	29	26	*	*	*	*	*	*
429.0	32	32	28	26	*	*	*	*	*	*
439.0	32	31	28	25	*	*	*	*	*	*
449.0	31	31	28	25	*	*	*	*	*	*
459.0	31	30	27	25	*	*	*	*	*	*
469.0	30	30	27	24	*	*	*	*	*	*
479.0	30	29	27	24	*	*	*	*	*	*
489.0	29	29	26	24	*	*	*	*	*	*
499.0	29	29	26	24	*	*	*	*	*	*
509.0	29	28	26	23	*	*	*	*	*	*
519.0	28	28	25	23	*	*	*	*	*	*
529.0	28	27	25	23	*	*	*	*	*	*
539.0	27	27	25	22	*	*	*	*	*	*
549.0	26	27	24	22	*	*	*	*	*	*
559.0	27	26	24	22	*	*	*	*	*	*
569.0	26	26	24	22	*	*	*	*	*	*
579.0	27	26	24	22	*	*	*	*	*	*
589.0	26	26	24	22	*	*	*	*	*	*
599.0	26	26	24	22	*	*	*	*	*	*
609.0	26	26	24	22	*	*	*	*	*	*
619.0	26	25	23	22	*	*	*	*	*	*
629.0	25	25	23	21	*	*	*	*	*	*
639.0	25	25	23	21	*	*	*	*	*	*
649.0	25	24	23	21	*	*	*	*	*	*
659.0	24	24	23	21	*	*	*	*	*	*
669.0	24	24	23	21	*	*	*	*	*	*
679.0	24	24	23	21	*	*	*	*	*	*
689.0	24	24	23	21	*	*	*	*	*	*
699.0	24	24	23	21	*	*	*	*	*	*
709.0	24	24	23	21	*	*	*	*	*	*
719.0	24	24	23	21	*	*	*	*	*	*
729.0	24	24	23	21	*	*	*	*	*	*
739.0	24	24	23	21	*	*	*	*	*	*
749.0	24	24	23	21	*	*	*	*	*	*
759.0	24	24	23	22	*	*	*	*	*	*
769.0	24	24	23	22	*	*	*	*	*	*
779.0	24	24	23	22	*	*	*	*	*	*
789.0	24	24	23	22	*	*	*	*	*	*
799.0	24	23	23	22	*	*	*	*	*	*
809.0	23	23	23	22	*	*	*	*	*	*
819.0	23	23	23	22	*	*	*	*	*	*
829.0	23	23	23	22	*	*	*	*	*	*

Steel Temperatures At Column 4F .

Table 3.1