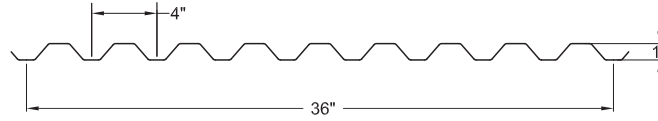


1.0C CONFORM DECK



SECTION PROPERTIES

Deck Gauge	Design Thickness (in)	Deck Weight (psf)	Section Properties				V _a (lbs/ft)	F _y (ksi)
			I _p (in ⁴ /ft)	I _n (in ⁴ /ft)	S _p (in ³ /ft)	S _n (in ³ /ft)		
26	0.0179	0.96	0.040	0.042	0.067	0.071	1672	60
24	0.0239	1.28	0.057	0.059	0.098	0.103	2922	60
22	0.0295	1.57	0.073	0.073	0.130	0.134	3634	60
20	0.0358	1.91	0.088	0.088	0.167	0.165	4353	60

MAXIMUM CONSTRUCTION CLEAR SPANS (S.D.I. CRITERIA) (ft-in.)

Total Slab Depth	Deck	Weight (psf)	NW Concrete N=9 145 PCF			Weight (psf)	LW Concrete N=14 110 PCF		
			1 SPAN	2 SPAN	3 SPAN		1 SPAN	2 SPAN	3 SPAN
2.5 (t=1.50)	1.0C26	25	3'-10	4'-7	4'-8	19	4'-1	4'-11	5'-0
	1.0C24	25	5'-2	6'-2	6'-3	19	5'-6	6'-7	6'-8
	1.0C22	25	6'-0	7'-6	7'-5	20	6'-7	8'-2	8'-2
	1.0C20	26	6'-5	8'-7	7'-11	20	7'-0	9'-4	8'-8
3 (t=2.00)	1.0C26	31	3'-8	4'-5	4'-6	24	3'-11	4'-8	4'-9
	1.0C24	31	4'-11	5'-10	5'-11	24	5'-4	6'-3	6'-4
	1.0C22	31	5'-8	7'-1	7'-0	24	6'-2	7'-9	7'-8
	1.0C20	32	6'-0	8'-0	7'-5	25	6'-7	8'-10	8'-1
3.5 (t=2.50)	1.0C26	37	3'-7	4'-3	4'-3	28	3'-10	4'-6	4'-7
	1.0C24	37	4'-9	5'-7	5'-8	29	5'-1	6'-0	6'-1
	1.0C22	37	5'-4	6'-9	6'-7	29	5'-10	7'-4	7'-3
	1.0C20	38	5'-8	7'-7	7'-0	29	6'-3	8'-4	7'-8
4 (t=3.00)	1.0C26	43	3'-5	4'-1	4'-1	33	3'-8	4'-5	4'-5
	1.0C24	43	4'-6	5'-4	5'-5	33	4'-11	5'-10	5'-10
	1.0C22	43	5'-1	6'-6	6'-4	33	5'-7	7'-1	6'-11
	1.0C20	44	5'-5	7'-3	6'-8	34	5'-11	8'-0	7'-4
4.5 (t=3.50)	1.0C26	49	3'-4	3'-11	4'-0	37	3'-7	4'-3	4'-4
	1.0C24	49	4'-4	5'-2	5'-2	38	4'-9	5'-7	5'-8
	1.0C22	50	4'-11	6'-3	6'-1	38	5'-4	6'-10	6'-8
	1.0C20	50	5'-2	7'-0	6'-5	38	5'-8	7'-8	7'-1
5 (t=4.00)	1.0C26	55	3'-3	3'-10	3'-10	42	3'-6	4'-1	4'-2
	1.0C24	55	4'-3	5'-0	5'-0	42	4'-7	5'-5	5'-6
	1.0C22	56	4'-9	6'-0	5'-10	43	5'-2	6'-7	6'-5
	1.0C20	56	5'-0	6'-9	6'-3	43	5'-6	7'-5	6'-10
5.5 (t=4.50)	1.0C26	61	3'-2	3'-8	3'-9	47	3'-5	4'-0	4'-1
	1.0C24	61	4'-1	4'-10	4'-10	47	4'-6	5'-3	5'-4
	1.0C22	62	4'-7	5'-9	5'-8	47	5'-0	6'-4	6'-2
	1.0C20	62	4'-10	6'-6	6'-0	47	5'-4	7'-2	6'-7

Notes:

1) Minimum exterior bearing length required is 1.5". Minimum interior bearing length is 3".