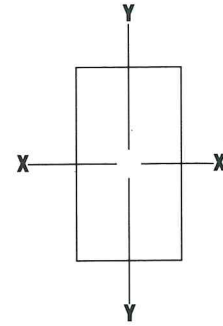
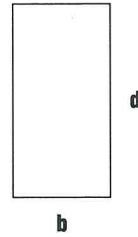
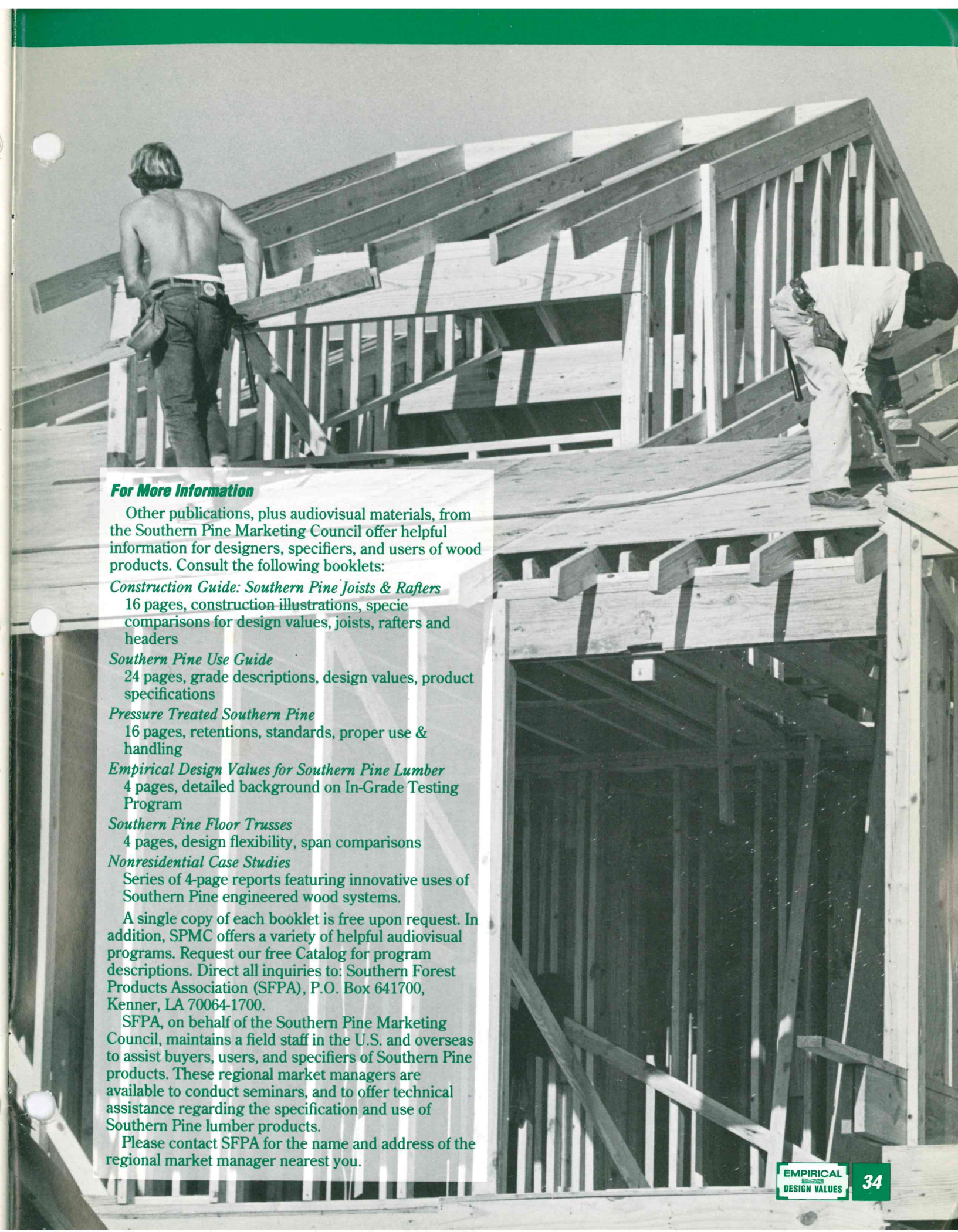


# PROPERTIES OF SECTIONS



Nominal Size (inches)	Actual Size (inches)		AXIS XX			AXIS YY			Board Measure per Lineal Foot	Weight per Lineal Foot (lbs.)
	b	d	Area (in <sup>2</sup> )	S (in <sup>3</sup> )	I (in <sup>4</sup> )	S (in <sup>3</sup> )	I (in <sup>4</sup> )			
2 x 2	1-1/2	1-1/2	2.250	0.563	0.422	0.563	0.422	0.33	0.73	
3	2-1/2	2-1/2	3.750	1.563	1.953	0.938	0.703	0.50	1.10	
4	3-1/2	3-1/2	5.250	3.063	5.359	1.313	0.984	0.67	1.47	
5	4-1/2	4-1/2	6.750	5.063	11.391	1.688	1.266	0.83	1.83	
6	5-1/2	5-1/2	8.250	7.563	20.797	2.063	1.547	1.00	2.20	
8	7-1/4	7-1/4	10.875	13.141	47.635	2.719	2.039	1.33	2.93	
10	9-1/4	9-1/4	13.875	21.391	98.932	3.469	2.602	1.67	3.84	
12	11-1/4	11-1/4	16.875	31.641	177.979	4.219	3.164	2.00	4.60	
14	13-1/4	13-1/4	19.875	43.891	290.775	4.969	3.727	2.33	5.59	
3 x 3	2-1/2	2-1/2	6.250	2.604	3.255	2.604	3.255	0.75	1.80	
4	3-1/2	3-1/2	8.750	5.104	8.932	3.646	4.557	1.00	2.30	
6	5-1/2	5-1/2	13.750	12.604	34.661	5.729	7.161	1.50	3.45	
8	7-1/4	7-1/4	18.125	21.901	79.391	7.552	9.440	2.00	4.60	
10	9-1/4	9-1/4	23.125	35.651	164.886	9.635	12.044	2.50	6.00	
12	11-1/4	11-1/4	28.125	52.734	296.631	11.719	14.648	3.00	7.20	
14	13-1/4	13-1/4	33.125	73.151	484.626	13.802	17.253	3.50	8.40	
4 x 4	3-1/2	3-1/2	12.250	7.146	12.505	7.146	12.505	1.33	3.19	
6	5-1/2	5-1/2	19.250	17.646	48.526	11.229	19.651	2.00	5.00	
8	7-1/4	7-1/4	25.375	30.661	111.148	14.802	25.904	2.67	6.68	
10	9-1/4	9-1/4	32.375	49.911	230.840	18.885	33.049	3.33	8.33	
12	11-1/4	11-1/4	39.375	73.828	415.283	22.969	40.195	4.00	10.00	
14	13-1/4	13-1/4	46.375	102.411	678.476	27.052	47.341	4.67	11.68	
* 6 x 6	5-1/2	5-1/2	30.250	27.729	76.255	27.729	76.255	3.00	11.40	
8	7-1/2	7-1/2	41.250	51.563	193.359	37.813	103.984	4.00	15.20	
10	9-1/2	9-1/2	52.250	82.729	392.964	47.896	131.714	5.00	19.00	
12	11-1/2	11-1/2	63.250	121.229	697.068	57.979	159.443	6.00	22.80	
14	13-1/2	13-1/2	74.250	167.063	1127.672	68.063	187.172	7.00	26.60	
* 8 x 8	7-1/2	7-1/2	56.250	70.313	263.672	70.313	263.672	5.33	20.25	
10	9-1/2	9-1/2	71.250	112.813	535.859	89.063	333.984	6.67	25.35	
12	11-1/2	11-1/2	86.250	165.313	950.547	107.813	404.297	8.00	30.40	
14	13-1/2	13-1/2	101.250	227.813	1537.734	126.563	474.609	9.33	35.45	
* 10x10	9-1/2	9-1/2	90.250	142.896	678.755	142.896	678.755	8.33	31.65	
12	11-1/2	11-1/2	109.250	209.396	1204.026	172.979	821.651	10.00	38.00	
14	13-1/2	13-1/2	128.250	288.563	1947.797	203.063	964.547	11.67	44.35	
* 12x12	11-1/2	11-1/2	132.250	253.479	1457.505	253.479	1457.505	12.00	45.60	
14	13-1/2	13-1/2	155.250	349.313	2357.859	297.563	1710.984	14.00	53.20	
* 14x14	13-1/2	13-1/2	182.250	410.063	2767.922	410.063	2767.922	16.33	62.05	

\*Note: Properties are based on minimum dressed green size which is 1/2 inch off nominal in both b and d dimensions.



### For More Information

Other publications, plus audiovisual materials, from the Southern Pine Marketing Council offer helpful information for designers, specifiers, and users of wood products. Consult the following booklets:

#### Construction Guide: Southern Pine Joists & Rafters

16 pages, construction illustrations, specie comparisons for design values, joists, rafters and headers

#### Southern Pine Use Guide

24 pages, grade descriptions, design values, product specifications

#### Pressure Treated Southern Pine

16 pages, retentions, standards, proper use & handling

#### Empirical Design Values for Southern Pine Lumber

4 pages, detailed background on In-Grade Testing Program

#### Southern Pine Floor Trusses

4 pages, design flexibility, span comparisons

#### Nonresidential Case Studies

Series of 4-page reports featuring innovative uses of Southern Pine engineered wood systems.

A single copy of each booklet is free upon request. In addition, SPMC offers a variety of helpful audiovisual programs. Request our free Catalog for program descriptions. Direct all inquiries to: Southern Forest Products Association (SFPA), P.O. Box 641700, Kenner, LA 70064-1700.

SFPA, on behalf of the Southern Pine Marketing Council, maintains a field staff in the U.S. and overseas to assist buyers, users, and specifiers of Southern Pine products. These regional market managers are available to conduct seminars, and to offer technical assistance regarding the specification and use of Southern Pine lumber products.

Please contact SFPA for the name and address of the regional market manager nearest you.