



## OKALOOSA COUNTY

### Residential Dock Application/Requirements

Permit #: \_\_\_\_\_

Owner's Name: \_\_\_\_\_ Phone #: \_\_\_\_\_

Owner's Address: \_\_\_\_\_

Contractor's Business Name: \_\_\_\_\_

Contractor's Address: \_\_\_\_\_, City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Contractor's Certificate of Competency/Customer #: \_\_\_\_\_ Phone #: \_\_\_\_\_

Contractor email: \_\_\_\_\_ Fax #: \_\_\_\_\_

Address of Work to be done: \_\_\_\_\_

Description of Work: \_\_\_\_\_

Parcel ID #: \_\_\_\_\_

Cost of Construction: \_\_\_\_\_ Sq. Ft. of Dock: \_\_\_\_\_

#### Submittal Requirements for Residential Docks:

1. Proof of property ownership. This can be a recorded deed, closing statement, or property tax information.
2. Two sets of construction plans are required. Copies of engineered plans submitted for FDEP or U.S. Army Corps of Engineers permits can be used. If FDEP or Army Corps of Engineers permits are not needed or do not require engineered plans, then plans drawn by the applicant may be submitted provided they are drawn to scale and show lumber spans and means of attachment as provided in the accompanying design guidelines.
3. A scaled Site Plan or Certified Survey showing setbacks, rights-of-way, and/or easements as well as extension of property lines into the subject water body. If the structure is proposed to be located wholly or in part within an easement, please include a letter from the entity controlling the easement granting permission for the proposed structure. No structure may cross the riparian extension of a property line without the written permission of the affected adjacent property owner (if structure is proposed to cross the riparian extension of a property line, please attach a letter of permission from the owner of the affected adjacent property owner with an original ink signature).
4. Attach a copy of FDEP Permit or U.S. Army Corps of Engineers permits as required for structures to be built over State or Federal jurisdictional waters. If FDEP self-certification for private residential docks is used in lieu of FDEP Permit, attach copy of self-certification form. (For private residential docks 1,000 square feet or less in area outside of aquatic preserves, FDEP allows applicants to utilize an on-line self-certification process. Within an aquatic preserve, the self-certification process for private residential docks is only available for docks 500 square feet or less in area. The only Aquatic Preserve in Okaloosa County is Rocky Bayou. The Aquatic Preserve designation for Rocky Bayou only covers that portion of Rocky Bayou EAST of the State Road 20 Rocky Bayou Bridge. The boundaries of the Rocky Bayou Aquatic Preserve are shown in the attached map taken from the Rocky Bayou Aquatic Preserve Management

Plan and are described in Book 593, Pages 742-745 of the Official Records of Okaloosa County.)

5. If building on Okaloosa Island, please attach approval from the Okaloosa Island Lease Holders Association.
6. Residential Dock Application
7. Recorded Notice of Commencement before first inspection.
8. If proposed dock includes a covered boathouse or other roof structure, this application must be accompanied by engineered drawings for the proposed boathouse or other roof structure.

**Electrical Permits are required for all lifts, lights, outlets and motorized devices.**

By signing this application I hereby certify that all the information contained in this application and accompanying documents, including information pertaining to easements, rights-of-way, is true and accurate, and that the subject property is free of any encumbrance that could preclude the construction of the dock as applied for pursuant to this application.

**WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS OF YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOU LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.**

\_\_\_\_\_  
Signature of Contractor or Owner/Builder

\_\_\_\_\_  
Date

**NOTARY INFORMATION:**

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me by means of  physical presence or  online notarization, this \_\_\_\_\_ by \_\_\_\_\_, who is personally known to me or who has produced \_\_\_\_\_ as identification.

(date) (name of person acknowledging) (type of identification)

\_\_\_\_\_  
(Signature of person taking acknowledgment)

\_\_\_\_\_  
(Name typed, printed or stamped)

\_\_\_\_\_  
Title or rank)

\_\_\_\_\_  
(Serial number, if any)

SPECIFICATIONS FOR FRESH & SALTWATER/BRACKISH AREAS				
Component	Dimension	Grade	Freshwater Standards	Saltwater Standards
Piling (round)	Specify min. Diameter and length	ASTM D25	.80 CCAAWPAC3	2.5 CCAAWPA C-2 C-18
Piling (square)	6 X 6, 6 X 8, 8 X 8	SaltwaterMarine Grade #1 Freshwater #2	.40 CCAAWPA C2	2.5 CCAAWPA C-2 C-18
Wailers	1 X 6 and greater	SaltwaterMarine Grade #1 Freshwater #2	.40 CCAAWPA C2	2.5 CCAAWPA C-2 C-18
Sheet Piles	2" to 6" thick	SaltwaterMarine Grade #1 Freshwater #2	.40 CCAAWPA C2	2.5 CCAAWPA C-2 C-18
Crown Bracing	2" to 4" thick	SaltwaterMarine Grade #1 Freshwater #2	.40 CCAAWPA C2	2.5 CCAAWPA C-2 C-18
Split Pile Caps	2" to 4" thick	No 1 premium	.40 CCAAWPA C2	.60 CCAAWPA C-2 C-18
Stringers	2 X 8, 2 X 10, 2 X 12	No 1 premium	.40 CCAAWPA C2	.60 CCAAWPA C-2 C-18
Decking	5/4 deckboard to 2 X 6	No 1 premium	Decking and Handrail requirements are above ground so .25 CCAAWPA C2 specs are required	
Handrails	2 X 4, 2 X 6	No premium		
Wallcaps	2 X 4, 2 X 8, 2 X 10	No 1 premium		

**SIZING DOCK PILE CAPS**  
**MAXIMUM LOADING / POUNDS PER LINEAR FOOT (PLF)**  
**SYP #2 P.T.**

UNIFORM LOAD / SIMPLE BEAM SPAN / NDS-91

40# LIVE LOAD; 6# DEAD LOAD; 46# TOTAL LOAD

**PILE CAP SPAN:**

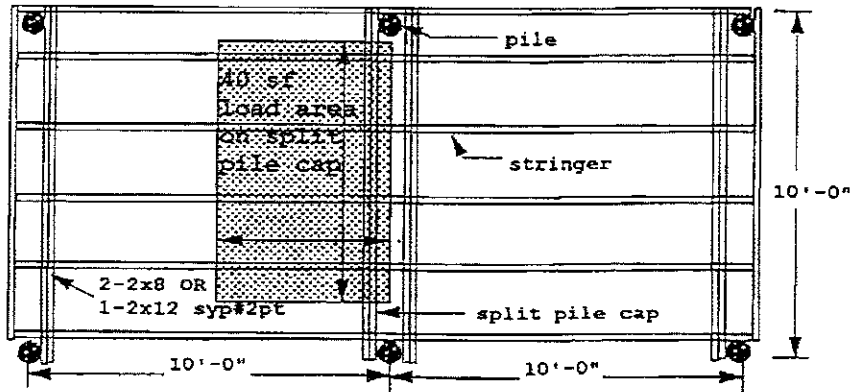
	4'	5'	6'	7'	8'	9'	10'
SIZE							
1-2x8	450	330	260	210	160	125	100
2-2x8	900	660	520	420	320	250	200
1-2x10	670	460	355	290	230	180	145
2-2x10			715	585	460	360	290
1-2x12			485	375	315	245	200

Go to desired pile cap span column to a value equal or greater then follow line across to size pile cap.

**FORMULA:**

LOAD AREA x DESIGN LOAD = TOTAL LOAD

TOTAL LOAD / PILE CAP SPAN = LOAD PER LF

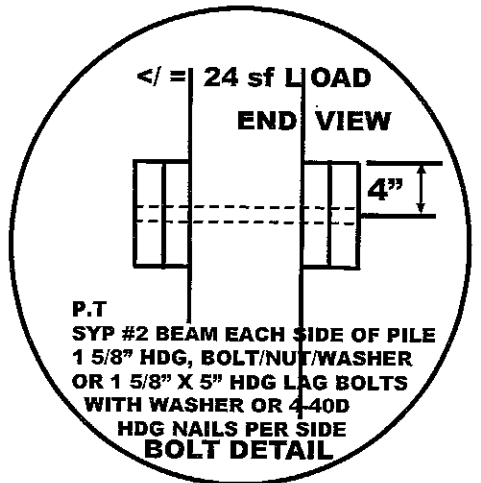
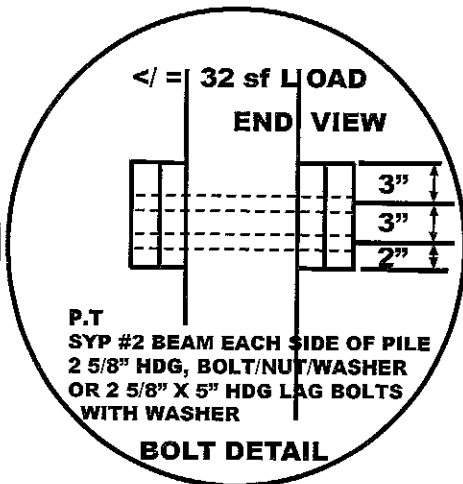
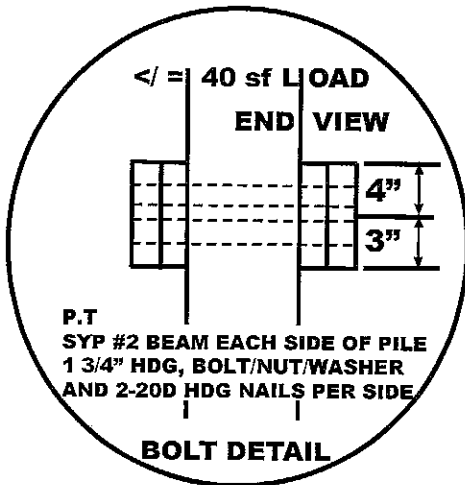
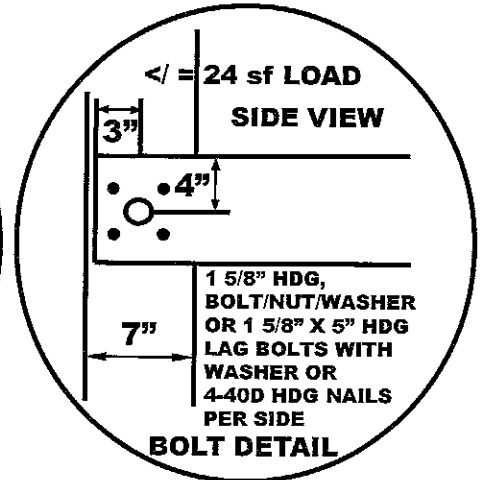
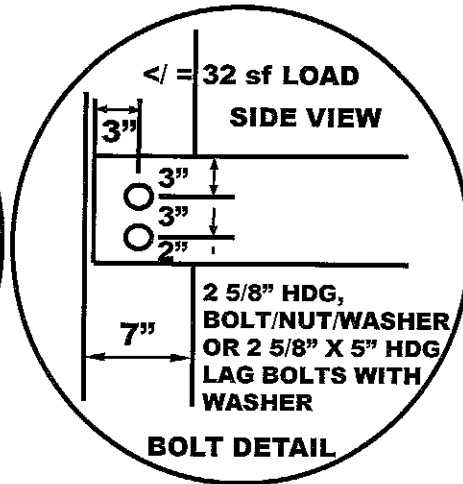
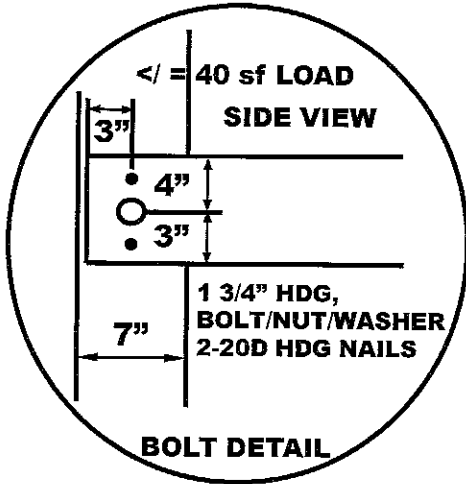


LOAD AREA ON PILE CAP HAS BEEN REDUCED FROM 50sf TO 40sf BY ATTACHING EACH END STRINGERS TO PILES WITH (2) 5/8" x 5" HDG LAG BOLTS W/ WASHERS AT EACH PILE LOCATION

5' x 8' = 40 sq.ft. x 46# = 1,840 PSF      1,840/10 = 184 PLF\*  
 \*required beam with a (10') ten foot span with a 184# plf load would be a 2-2x8 or 1-2x12

**WORK SHEET**

\_\_\_\_\_ X 46# = \_\_\_\_\_ / \_\_\_\_\_ = \_\_\_\_\_



**Table 3.18B Floor Joist Spans for Common Lumber Species**

(Residential Living Areas) Live Load = 40 psf,  $L/\Delta_{LL} = 360$

**LL = 40 psf**  
 **$L/\Delta_{LL} = 360$**

Joist Spacing	Species and Grade	Dead Load = 10 psf				Dead Load = 20 psf				
		2x6	2x8	2x10	2x12	2x6	2x8	2x10	2x12	
		Maximum Floor Joist Spans <sup>1</sup>								
		(ft.-in.)	(ft.-in.)	(ft.-in.)	(ft.-in.)	(ft.-in.)	(ft.-in.)	(ft.-in.)	(ft.-in.)	
12 in.	Douglas Fir-Larch	SS	11-4	15-0	19-1	23-3	11-4	15-0	19-1	23-3
	Douglas Fir-Larch	No.1	10-11	14-5	18-5	22-0	10-11	14-2	17-4	20-1
	Douglas Fir-Larch	No.2	10-9	14-2	18-0	20-11	10-8	13-6	16-5	19-1
	Douglas Fir-Larch	No.3	8-11	11-3	13-9	16-0	8-1	10-3	12-7	14-7
	Hem-Fir	SS	10-9	14-2	18-0	21-11	10-9	14-2	18-0	21-11
	Hem-Fir	No.1	10-6	13-10	17-8	21-6	10-6	13-10	17-1	19-10
	Hem-Fir	No.2	10-0	13-2	16-10	20-4	10-0	13-1	16-0	18-6
	Hem-Fir	No.3	8-8	11-0	13-5	15-7	7-11	10-0	12-3	14-3
	Southern Pine	SS	11-2	14-8	18-9	22-10	11-2	14-8	18-9	22-10
	Southern Pine	No.1	10-9	14-2	18-0	21-11	10-9	14-2	16-11	20-1
	Southern Pine	No.2	10-3	13-6	16-2	19-1	9-10	12-6	14-9	17-5
	Southern Pine	No.3	8-2	10-3	12-6	14-9	7-5	9-5	11-5	13-6
	Spruce-Pine Fir	SS	10-6	13-10	17-8	21-6	10-6	13-10	17-8	21-6
	Spruce-Pine Fir	No.1	10-3	13-6	17-3	20-7	10-3	13-3	16-3	18-10
	Spruce-Pine Fir	No.2	10-3	13-6	17-3	20-7	10-3	13-3	16-3	18-10
	Spruce-Pine Fir	No.3	8-8	11-0	13-5	15-7	7-11	10-0	12-3	14-3
16 in.	Douglas Fir-Larch	SS	10-4	13-7	17-4	21-1	10-4	13-7	17-4	21-1
	Douglas Fir-Larch	No.1	9-11	13-1	16-5	19-1	9-8	12-4	15-0	17-5
	Douglas Fir-Larch	No.2	9-9	12-9	15-7	18-1	9-3	11-8	14-3	16-6
	Douglas Fir-Larch	No.3	7-8	9-9	11-11	13-10	7-0	8-11	10-11	12-7
	Hem-Fir	SS	9-9	12-10	16-5	19-11	9-9	12-10	16-5	19-11
	Hem-Fir	No.1	9-6	12-7	16-0	18-10	9-6	12-2	14-10	17-2
	Hem-Fir	No.2	9-1	12-0	15-2	17-7	8-11	11-4	13-10	16-1
	Hem-Fir	No.3	7-6	9-6	11-8	13-6	6-10	8-8	10-7	12-4
	Southern Pine	SS	10-2	13-4	17-0	20-9	10-2	13-4	17-0	20-9
	Southern Pine	No.1	9-9	12-10	16-1	19-1	9-9	12-7	14-8	17-5
	Southern Pine	No.2	9-4	11-10	14-0	16-6	8-6	10-10	12-10	15-1
	Southern Pine	No.3	7-1	8-11	10-10	12-10	6-5	8-2	9-10	11-8
	Spruce-Pine Fir	SS	9-6	12-7	16-0	19-6	9-6	12-7	16-0	19-6
	Spruce-Pine Fir	No.1	9-4	12-3	15-5	17-10	9-1	11-6	14-1	16-3
	Spruce-Pine Fir	No.2	9-4	12-3	15-5	17-10	9-1	11-6	14-1	16-3
	Spruce-Pine Fir	No.3	7-6	9-6	11-8	13-6	6-10	8-8	10-7	12-4
19.2 in.	Douglas Fir-Larch	SS	9-8	12-10	16-4	19-10	9-8	12-10	16-4	19-6
	Douglas Fir-Larch	No.1	9-4	12-4	15-0	17-5	8-10	11-3	13-8	15-11
	Douglas Fir-Larch	No.2	9-2	11-8	14-3	16-6	8-5	10-8	13-0	15-1
	Douglas Fir-Larch	No.3	7-0	8-11	10-11	12-7	6-5	8-2	9-11	11-6
	Hem-Fir	SS	9-2	12-1	15-5	18-9	9-2	12-1	15-5	18-9
	Hem-Fir	No.1	9-0	11-10	14-10	17-2	8-9	11-1	13-6	15-8
	Hem-Fir	No.2	8-7	11-3	13-10	16-1	8-2	10-4	12-8	14-8
	Hem-Fir	No.3	6-10	8-8	10-7	12-4	6-3	7-11	9-8	11-3
	Southern Pine	SS	9-6	12-7	16-0	19-6	9-6	12-7	16-0	19-6
	Southern Pine	No.1	9-2	12-1	14-8	17-5	9-0	11-5	13-5	15-11
	Southern Pine	No.2	8-6	10-10	12-10	15-1	7-9	9-10	11-8	13-9
	Southern Pine	No.3	6-5	8-2	9-10	11-8	5-11	7-5	9-0	10-8
	Spruce-Pine Fir	SS	9-0	11-10	15-1	18-4	9-0	11-10	15-1	17-9
	Spruce-Pine Fir	No.1	8-9	11-6	14-1	16-3	8-3	10-6	12-10	14-10
	Spruce-Pine Fir	No.2	8-9	11-6	14-1	16-3	8-3	10-6	12-10	14-10
	Spruce-Pine Fir	No.3	6-10	8-8	10-7	12-4	6-3	7-11	9-8	11-3
24 in.	Douglas Fir-Larch	SS	9-0	11-11	15-2	18-5	9-0	11-11	15-0	17-5
	Douglas Fir-Larch	No.1	8-8	11-0	13-5	15-7	7-11	10-0	12-3	14-3
	Douglas Fir-Larch	No.2	8-3	10-5	12-9	14-9	7-6	9-6	11-8	13-6
	Douglas Fir-Larch	No.3	6-3	8-0	9-9	11-3	5-9	7-3	8-11	10-4
	Hem-Fir	SS	8-6	11-3	14-4	17-5	8-6	11-3	14-4	16-10
	Hem-Fir	No.1	8-4	10-10	13-3	15-5	7-10	9-11	12-1	14-0
	Hem-Fir	No.2	7-11	10-2	12-5	14-4	7-4	9-3	11-4	13-1
	Hem-Fir	No.3	6-2	7-9	9-6	11-0	5-7	7-1	8-8	10-1
	Southern Pine	SS	8-10	11-8	14-11	18-1	8-10	11-8	14-11	18-0
	Southern Pine	No.1	8-6	11-3	13-1	15-7	8-1	10-3	12-0	14-3
	Southern Pine	No.2	7-7	9-8	11-5	13-6	7-0	8-10	10-5	12-4
	Southern Pine	No.3	5-9	7-3	8-10	10-5	5-3	6-8	8-1	9-6
	Spruce-Pine Fir	SS	8-4	11-0	14-0	17-0	8-4	11-0	13-8	15-11
	Spruce-Pine Fir	No.1	8-1	10-3	12-7	14-7	7-5	9-5	11-6	13-4
	Spruce-Pine Fir	No.2	8-1	10-3	12-7	14-7	7-5	9-5	11-6	13-4
	Spruce-Pine Fir	No.3	6-2	7-9	9-6	11-0	5-7	7-1	8-8	10-1

Check sources for availability of lumber in lengths greater than 20 feet.

1. Spans checked for live load deflection only.

**Table 3.18A Floor Joist Spans for Common Lumber Species**  
 (Residential Sleeping Areas) Live Load = 30 psf,  $L/\Delta_{LL} = 360$

**LL = 30 psf**  
 **$L/\Delta_{LL} = 360$**

Joist Spacing	Species and Grade	Dead Load = 10 psf				Dead Load = 20 psf				
		2x6	2x8	2x10	2x12	2x6	2x8	2x10	2x12	
		Maximum Floor Joist Spans <sup>1</sup>								
		(ft.-in.)	(ft.-in.)	(ft.-in.)	(ft.-in.)	(ft.-in.)	(ft.-in.)	(ft.-in.)	(ft.-in.)	
12 in.	Douglas Fir-Larch	SS	12-6	16-6	21-0	25-7	12-6	16-6	21-0	25-7
	Douglas Fir-Larch	No.1	12-0	15-10	20-3	24-8	12-0	15-7	19-0	22-0
	Douglas Fir-Larch	No.2	11-10	15-7	19-10	23-4	11-8	14-9	18-0	20-11
	Douglas Fir-Larch	No.3	9-11	12-7	15-5	17-10	8-11	11-3	13-9	16-0
	Hem-Fir	SS	11-10	15-7	19-10	24-2	11-10	15-7	19-10	24-2
	Hem-Fir	No.1	11-7	15-3	19-5	23-7	11-7	15-3	18-9	21-9
	Hem-Fir	No.2	11-0	14-6	18-6	22-6	11-0	14-4	17-6	20-4
	Hem-Fir	No.3	9-8	12-4	15-0	17-5	8-8	11-0	13-5	15-7
	Southern Pine	SS	12-3	16-2	20-8	25-1	12-3	16-2	20-8	25-1
	Southern Pine	No.1	11-10	15-7	19-10	24-2	11-10	15-7	18-7	22-0
	Southern Pine	No.2	11-3	14-11	18-1	21-4	10-9	13-8	16-2	19-1
	Southern Pine	No.3	9-2	11-6	14-0	16-6	8-2	10-3	12-6	14-9
	Spruce-Pine Fir	SS	11-7	15-3	19-5	23-7	11-7	15-3	19-5	23-7
	Spruce-Pine Fir	No.1	11-3	14-11	19-0	23-0	11-3	14-7	17-9	20-7
	Spruce-Pine Fir	No.2	11-3	14-11	19-0	23-0	11-3	14-7	17-9	20-7
	Spruce-Pine Fir	No.3	9-8	12-4	15-0	17-5	8-8	11-0	13-5	15-7
16 in.	Douglas Fir-Larch	SS	11-4	15-0	19-1	23-3	11-4	15-0	19-1	23-3
	Douglas Fir-Larch	No.1	10-11	14-5	18-5	21-4	10-8	13-6	16-5	19-1
	Douglas Fir-Larch	No.2	10-9	14-2	17-5	20-3	10-1	12-9	15-7	18-1
	Douglas Fir-Larch	No.3	8-7	10-11	13-4	15-5	7-8	9-9	11-11	13-10
	Hem-Fir	SS	10-9	14-2	18-0	21-11	10-9	14-2	18-0	21-11
	Hem-Fir	No.1	10-6	13-10	17-8	21-1	10-6	13-4	16-3	18-10
	Hem-Fir	No.2	10-0	13-2	16-10	19-8	9-10	12-5	15-2	17-7
	Hem-Fir	No.3	8-5	10-8	13-0	15-1	7-6	9-6	11-8	13-6
	Southern Pine	SS	11-2	14-8	18-9	22-10	11-2	14-8	18-9	22-10
	Southern Pine	No.1	10-9	14-2	18-0	21-4	10-9	13-9	16-1	19-1
	Southern Pine	No.2	10-3	13-3	15-8	18-6	9-4	11-10	14-0	16-6
	Southern Pine	No.3	7-11	10-0	12-1	14-4	7-1	8-11	10-10	12-10
	Spruce-Pine Fir	SS	10-6	13-10	17-8	21-6	10-6	13-10	17-8	21-4
	Spruce-Pine Fir	No.1	10-3	13-6	17-2	19-11	9-11	12-7	15-5	17-10
	Spruce-Pine Fir	No.2	10-3	13-6	17-2	19-11	9-11	12-7	15-5	17-10
	Spruce-Pine Fir	No.3	8-5	10-8	13-0	15-1	7-6	9-6	11-8	13-6
19.2 in.	Douglas Fir-Larch	SS	10-8	14-1	18-0	21-10	10-8	14-1	18-0	21-4
	Douglas Fir-Larch	No.1	10-4	13-7	16-9	19-6	9-8	12-4	15-0	17-5
	Douglas Fir-Larch	No.2	10-1	13-0	15-11	18-6	9-3	11-8	14-3	16-6
	Douglas Fir-Larch	No.3	7-10	10-0	12-2	14-1	7-0	8-11	10-11	12-7
	Hem-Fir	SS	10-1	13-4	17-0	20-8	10-1	13-4	17-0	20-7
	Hem-Fir	No.1	9-10	13-0	16-7	19-3	9-7	12-2	14-10	17-2
	Hem-Fir	No.2	9-5	12-5	15-6	17-11	8-11	11-4	13-10	16-1
	Hem-Fir	No.3	7-8	9-9	11-10	13-9	6-10	8-8	10-7	12-4
	Southern Pine	SS	10-6	13-10	17-8	21-6	10-6	13-10	17-8	21-6
	Southern Pine	No.1	10-1	13-4	16-5	19-6	9-11	12-7	14-8	17-5
	Southern Pine	No.2	9-6	12-1	14-4	16-10	8-6	10-10	12-10	15-1
	Southern Pine	No.3	7-3	9-1	11-0	13-1	6-5	8-2	9-10	11-8
	Spruce-Pine Fir	SS	9-10	13-0	16-7	20-2	9-10	13-0	16-7	19-6
	Spruce-Pine Fir	No.1	9-8	12-9	15-8	18-3	9-1	11-6	14-1	16-3
	Spruce-Pine Fir	No.2	9-8	12-9	15-8	18-3	9-1	11-6	14-1	16-3
	Spruce-Pine Fir	No.3	7-8	9-9	11-10	13-9	6-10	8-8	10-7	12-4
24 in.	Douglas Fir-Larch	SS	9-11	13-1	16-8	20-3	9-11	13-1	16-5	19-1
	Douglas Fir-Larch	No.1	9-7	12-4	15-0	17-5	8-8	11-0	13-5	15-7
	Douglas Fir-Larch	No.2	9-3	11-8	14-3	16-6	8-3	10-5	12-9	14-9
	Douglas Fir-Larch	No.3	7-0	8-11	10-11	12-7	6-3	8-0	9-9	11-3
	Hem-Fir	SS	9-4	12-4	15-9	19-2	9-4	12-4	15-9	18-5
	Hem-Fir	No.1	9-2	12-1	14-10	17-2	8-7	10-10	13-3	15-5
	Hem-Fir	No.2	8-9	11-4	13-10	16-1	8-0	10-2	12-5	14-4
	Hem-Fir	No.3	6-10	8-8	10-7	12-4	6-2	7-9	9-6	11-0
	Southern Pine	SS	9-9	12-10	16-5	19-11	9-9	12-10	16-5	19-8
	Southern Pine	No.1	9-4	12-4	14-8	17-5	8-10	11-3	13-1	15-7
	Southern Pine	No.2	8-6	10-10	12-10	15-1	7-7	9-8	11-5	13-6
	Southern Pine	No.3	6-5	8-2	9-10	11-8	5-9	7-3	8-10	10-5
	Spruce-Pine Fir	SS	9-2	12-1	15-5	18-9	9-2	12-1	15-0	17-5
	Spruce-Pine Fir	No.1	9-0	11-6	14-1	16-3	8-1	10-3	12-7	14-7
	Spruce-Pine Fir	No.2	9-0	11-6	14-1	16-3	8-1	10-3	12-7	14-7
	Spruce-Pine Fir	No.3	6-10	8-8	10-7	12-4	6-2	7-9	9-6	11-0

Check sources for availability of lumber in lengths greater than 20 feet.

1. Spans checked for live load deflection only.