



OKALOOSA COUNTY

Residential Dock Application/Requirements

Owner's Name: _____ Phone #: _____

Owner's Address: _____ City: _____

Contractor's Business Name: _____ Phone #: _____

Contractor's Address: _____

City: _____ State: _____ Zip Code: _____

Contractor's Certificate of Competency #: _____ Fax#: _____

Address of Work to be done: _____

Description of Work: _____

Parcel ID #: _____

Cost of Construction: _____

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 above Contractor or Owner/Builder, whose name is _____,

personally appeared before me and is known by me or has produced identification (type of I.D.)

_____ on this ____ day of _____ 20____.

Notary's Signature

My Commission Expires

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:

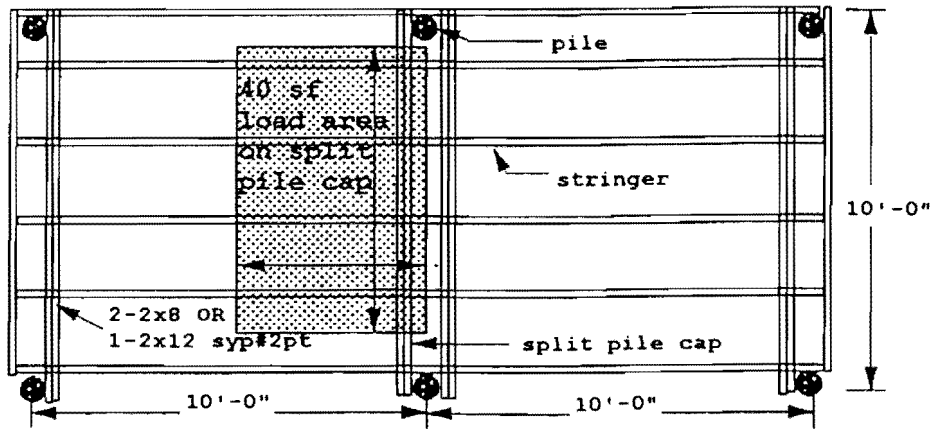
	4'	5'	6'	7'	8'	9'	10'
SIZE							
1-2x8	450	330	260	210	160	125	100
2-2x8	900	660	520	420	320	250	200
1-2x10	670	460	355	290	230	180	145
2-2x10			715	585	460	360	290
1-2x12			485	375	315	245	200

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# = _____ / _____ = _____

SOUTHERN PINE SPAN TABLES

Maximum spans given in feet and inches
inside to inside of bearings

TABLE 1 FLOOR JOISTS – 30 PSF LIVE LOAD, 10 PSF DEAD LOAD, 360 DEFLECTION

SLEEPING ROOMS AND ATTIC FLOORS

Size inches	Spacing inches on center	Grade									
		Visually Graded				Machine Stress Rated (MSR)			Machine Evaluated Lumber (MEL)		
		SS	No. 1	No. 2	No. 3	2400f - 2.0E	2250f - 1.9E	1950f - 1.7E	M23	M14	M29
2 x 6	12.0	12-3	12-0	11-10	10-5	12-9	12-6	12-0	12-3	12-0	12-0
	16.0	11-2	10-11	10-9	9-0	11-7	11-4	10-11	11-2	10-11	10-11
	19.2	10-6	10-4	10-1	8-3	10-10	10-8	10-4	10-6	10-4	10-4
	24.0	9-9	9-7	9-4	7-4	10-1	9-11	9-7	9-9	9-7	9-7
2 x 8	12.0	16-2	15-10	15-7	13-3	16-9	16-6	15-10	16-2	15-10	15-10
	16.0	14-8	14-5	14-2	11-6	15-3	15-0	14-5	14-8	14-5	14-5
	19.2	13-10	13-7	13-4	10-6	14-4	14-1	13-7	13-10	13-7	13-7
	24.0	12-10	12-7	12-4	9-5	13-4	13-1	12-7	12-10	12-7	12-7
2 x 10	12.0	20-8	20-3	19-10	15-8	21-5	21-0	20-3	20-8	20-3	20-3
	16.0	18-9	18-5	18-0	13-7	19-5	19-1	18-5	18-9	18-5	18-5
	19.2	17-8	17-4	16-5	12-5	18-3	18-0	17-4	17-8	17-4	17-4
	24.0	16-5	16-1	14-8	11-1	17-0	16-8	16-1	16-5	16-1	16-1
2 x 12	12.0	25-1	24-8	24-2	18-8	26-0	25-7	24-8	25-1	24-8	24-8
	16.0	22-10	22-5	21-1	16-2	23-7	23-3	22-5	22-10	22-5	22-5
	19.2	21-6	21-1	19-3	14-9	22-3	21-10	21-1	21-6	21-1	21-1
	24.0	19-11	19-6	17-2	13-2	20-8	20-3	19-7	19-11	19-7	19-7

These spans are intended for use in enclosed structures or where the moisture content in use does not exceed 19 percent for an extended period of time unless the table is labeled Wet-Service. Applied loads are given in psf (pounds per square foot). Deflection is limited to the span in inches divided by 360, 240, or 180 and is based on live load only. The load duration factor, CD, is 1.0 unless shown as 1.15 or 1.25. An asterisk (*) indicates the listed span has been limited to 26'0" based on availability, check sources of supply for lumber longer than 20'. Highlighted sizes/grades are NOT commonly produced.

The Southern Pine Council does not grade or test lumber, and accordingly does not assign design values to Southern Pine lumber. The design values contained herein are based on the 2002 SPIB Standard Grading Rules for Southern Pine Lumber, published by the Southern Pine Inspection Bureau, and modified as required by the 2001 National Design Specification® (NDS®) for Wood Construction published by the American Forest & Paper Association (AF&PA).

The primary purpose of this publication is to provide a convenient reference for joist and rafter spans for specific grades of Southern Pine lumber. The maximum spans provided herein were determined on the same basis as those in Span Tables for Joists and Rafters, published by AF&PA. Accordingly the Southern Pine Council, its principals and/or members do not warrant in any way that the design values on which the span tables for Southern Pine lumber contained herein are based are correct and specifically disclaim any liability for injury or damage resulting from the use of such span tables.

The conditions under which lumber is used in construction may vary widely, as does the quality of the lumber and workmanship. Neither the Southern Pine Council, nor its principals and/or members, have any knowledge of the construction methods, quality of materials and workmanship used on any construction project, and accordingly cannot and do not warrant the performance of the lumber used in completed structures.



SOUTHERN PINE SPAN TABLES

Maximum spans given in feet and inches
Inside to inside of bearings

TABLE 2 FLOOR JOISTS – 40 PSF LIVE LOAD, 10 PSF DEAD LOAD, 360 DEFLECTION

ALL ROOMS EXCEPT SLEEPING ROOMS AND ATTIC FLOORS

Size inches	Spacing inches on center	Grade									
		Visually Graded			Machine Stress Rated (MSR)			Machine Evaluated Lumber (MEL)			
		SS	No. 1	No. 2	No. 3	2400f - 2.0E	2250f - 1.9E	1950f - 1.7E	M23	M14	M29
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	16.0	10-2	9-11	9-9	8-1	10-6	10-4	9-11	10-2	9-11	9-11
	19.2	9-6	9-4	9-2	7-4	9-10	9-8	9-4	9-6	9-4	9-4
	24.0	8-10	8-8	8-6	6-7	9-2	9-0	8-8	8-10	8-8	8-8
2 x 8	12.0	14-8	14-5	14-2	11-11	15-3	15-0	14-5	14-8	14-5	14-5
	16.0	13-4	13-1	12-10	10-3	13-10	13-7	13-1	13-4	13-1	13-1
	19.2	12-7	12-4	12-1	9-5	13-0	12-10	12-4	12-7	12-4	12-4
	24.0	11-8	11-5	11-0	8-5	12-1	11-11	11-5	11-8	11-5	11-5
2 x 10	12.0	18-9	18-5	18-0	14-0	19-5	19-1	18-5	18-9	18-5	18-5
	16.0	17-0	16-9	16-1	12-2	17-8	17-4	16-9	17-0	16-9	16-9
	19.2	16-0	15-9	14-8	11-1	16-7	16-4	15-9	16-0	15-9	15-9
	24.0	14-11	14-7	13-1	9-11	15-5	15-2	14-7	14-11	14-7	14-7
2 x 12	12.0	22-10	22-5	21-9	16-8	23-7	23-3	22-5	22-10	22-5	22-5
	16.0	20-9	20-4	18-10	14-6	21-6	21-1	20-4	20-9	20-4	20-4
	19.2	19-6	19-2	17-2	13-2	20-2	19-10	19-2	19-6	19-2	19-2
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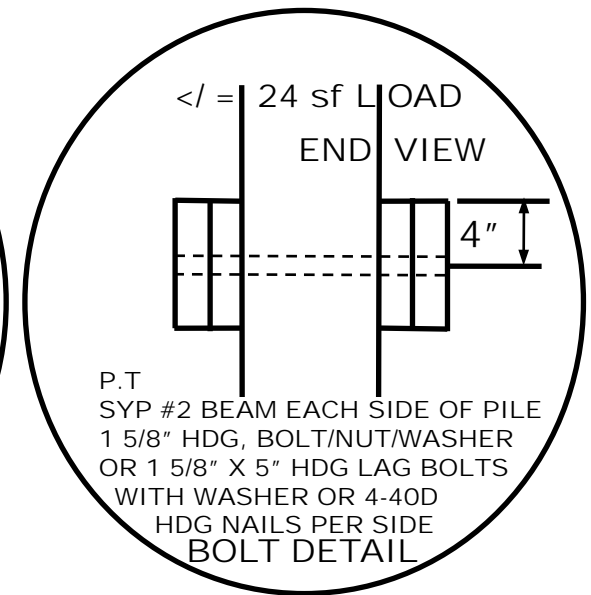
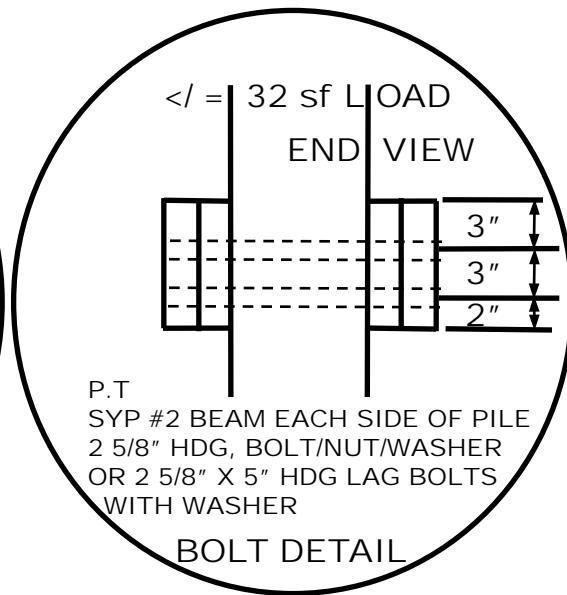
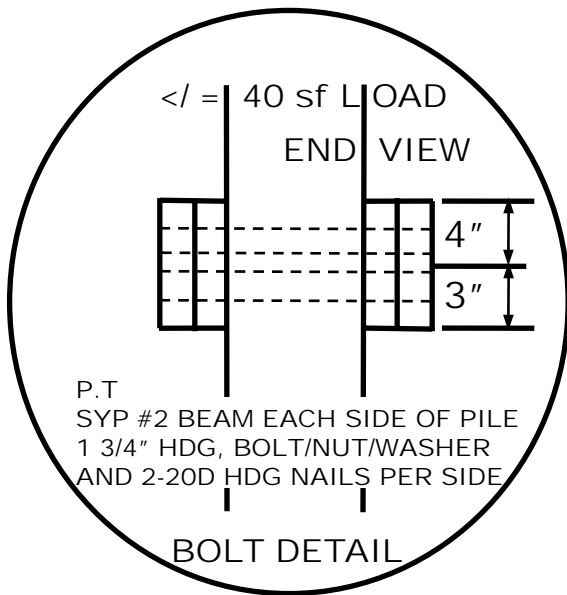
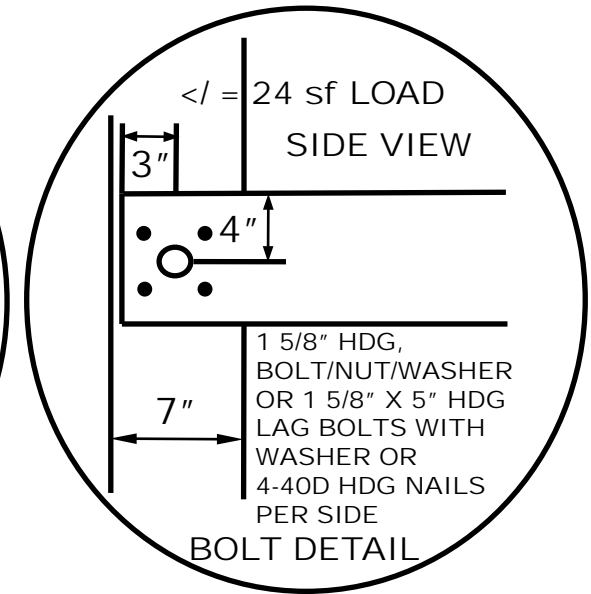
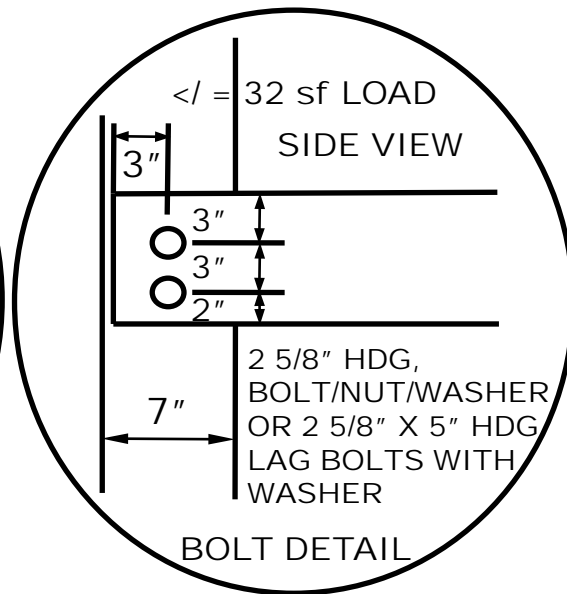
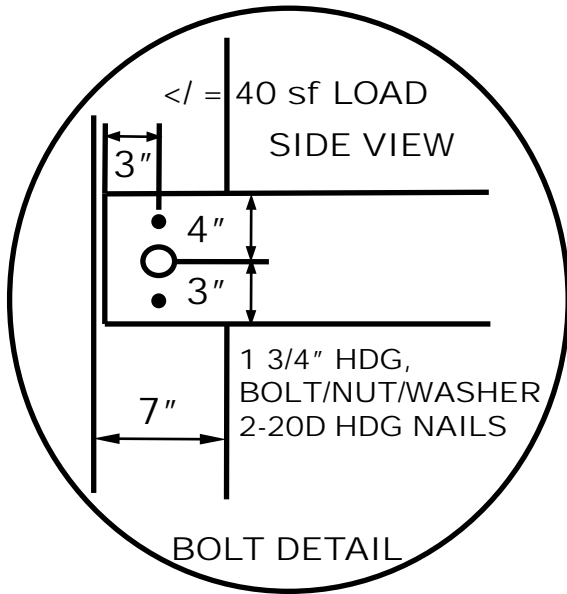
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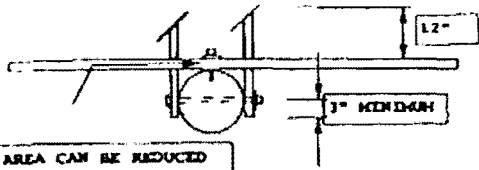
MAXIMUM SPANS: SOUTHERN PINE JOISTS & RAFTERS

2003 EDITION



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LOAD AREA CAN BE REDUCED
 24" IF END JOIST ARE
 LAPPED TO PILE: 1/2" x 5"
 HDG LAG BOLT
 W/ HDG WASHER NUT

Plan View

Pile Layout

THIS SPACE IS PROVIDE FOR YOUR DESIGN

ALL PLANS TO SCALE

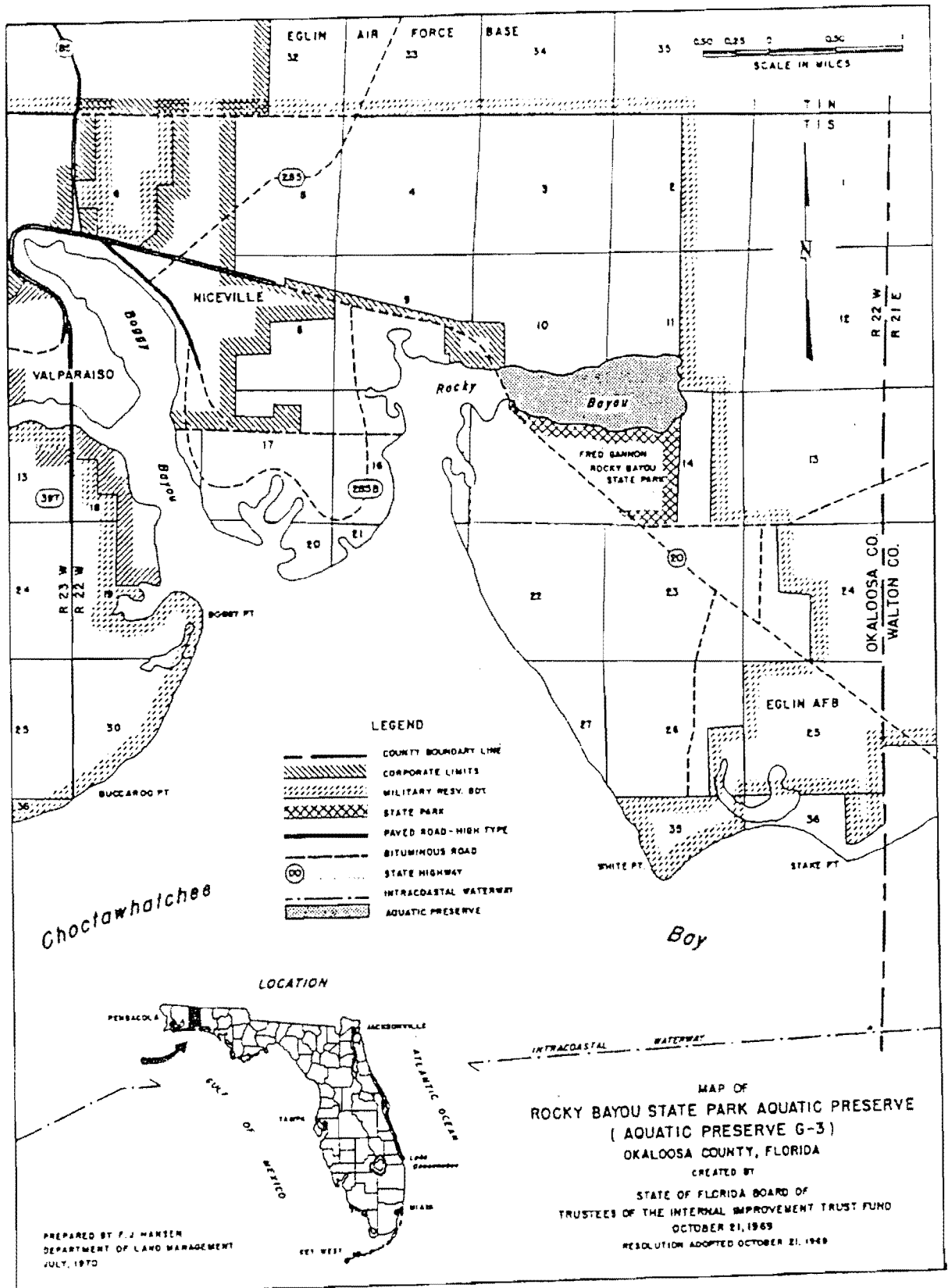


Figure 2 - Aquatic Preserve Boundary Map