

BOAT DOCK PLANS

2/13/12

Prepared For Kevin Wendelburg

Aja Group Incorporated
CRC 058421
Steve Siegfried, President
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Prepared By

061

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Aja Docks

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Design Standards

The following are general design standards.
More stringent design standards may be noted on the plans.

General Requirements:

Reproductions of contract drawings by contractor in lieu of preparation of shop drawings signifies acceptance of information shown as correct and obligates himself to any expense, real or implied, arising from their use. A change to the structural drawings due to the acceptance of alternates and/or substitutes is the responsibility of the contractor and must be submitted to the engineer for approval. The general contractor and each subcontractor shall verify all existing conditions prior to the start of any work. All inconsistencies shall be reported to the designer and/or structural engineer, if needed. Should contractor construct the premises in a fashion not consistent with the plans prepared by the designer and/or structural engineer, or in any fashion, change the plans and drawing without the review and approval from the designer and/or structural engineer. Then designer and/or structural engineer shall bear no responsibility or liability for the construction of premises and accuracy of the drawings.

Design Code:

Florida Building Code 2014
The Aluminum Association, latest edition
ASCE 7-14

Design Loads:

Pursuant to Chapter 1609 LL (-Table 1607; WL- Section 1609)
Ultimate Wind: 140 mph at 3 second gust (30 psf minimum)
Risk Category I (Table 1604.5)
Exposure Category: "D" (FBC 1609.4.3 & ASCE 7-10, Section 26.7.2)

Galvanized Bolts:

All bolts shall be galvanized be ASTM
A572, grade 50 threaded round stock with
a minimum yield stress of 50,000 psi.

Deck Live Load: 60 psf
Dead Load: 10 psf
Roof Live Load: 20 psf
Components and cladding, design wind pressures + 38psf/-38psf

Roof Nailing Schedule Wall and Roof sheathing – 1/2" CDX or 5/8" T-111 APA rated plywood w/8d sinker nails @ 6" O.C. at supported PNL edges & 8" O.C. in the field.

Timber:

Design in accordance with the National Design specification for wood construction, with loading in accordance with the Florida Building Code. All graded structural lumber shall be pressure treated and meet the following minimum requirements:

Minimum bending stress = 1250 psi (No. 1 Dense So. Pine)
Young Modulus = 1600 ksi
Maximum of 15% moisture content
Contractor may use Southern Yellow Pine No. 2 or U.O.N.

Lumber sizes shown are nominal sizes. Lumber shall be furnished in finished sizes meeting the requirement of the American Softwood Lumber Standard.

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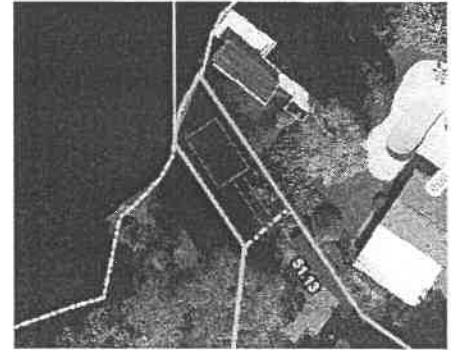
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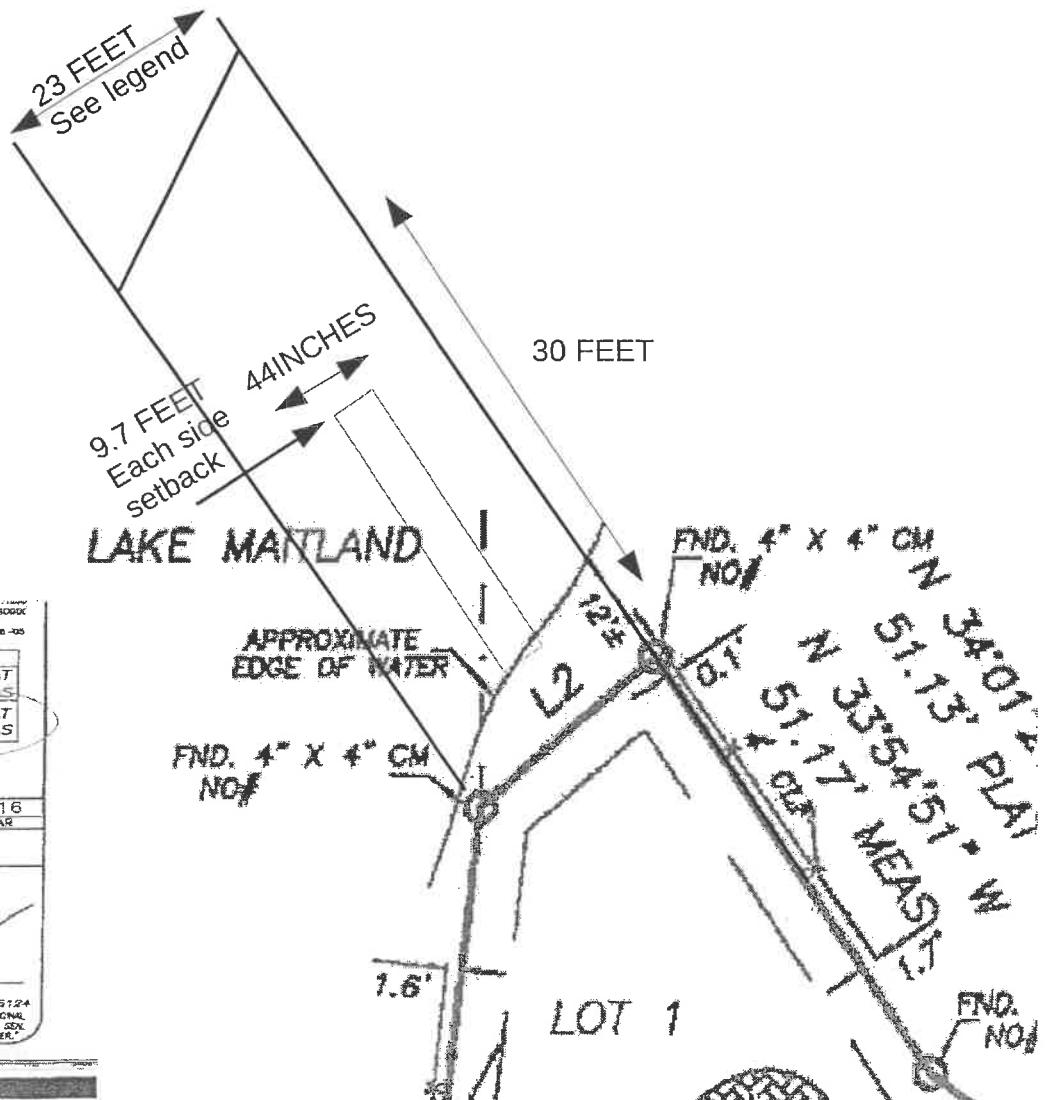
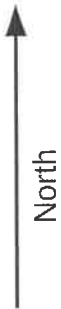
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9/17/17

Orange County Property Appraiser's Site Plan Satellite View



Site Plan



A Perry	
087C00005478865CASS000K	
02	
Date: 2016.12.02 10:54:56 -05	
LINE CHART	
L1	N 74°32'48" W 12.83' PLAT
	N 74°38'23" W 12.95' MEAS
L2	N 48°42'30" E 23.22' PLAT
	N 48°50'05" E 23.39' MEAS

IF HAVE NOT BEEN SHOWN...

Y. J. FIELD DATE: NOV. 1, 2016

SCALE: 1" = 20' THROUGH WATER

BEARING STRUCTURE BASED ON THE WESTERLY LIFT LINE OF LOT 1.

3, Inc.

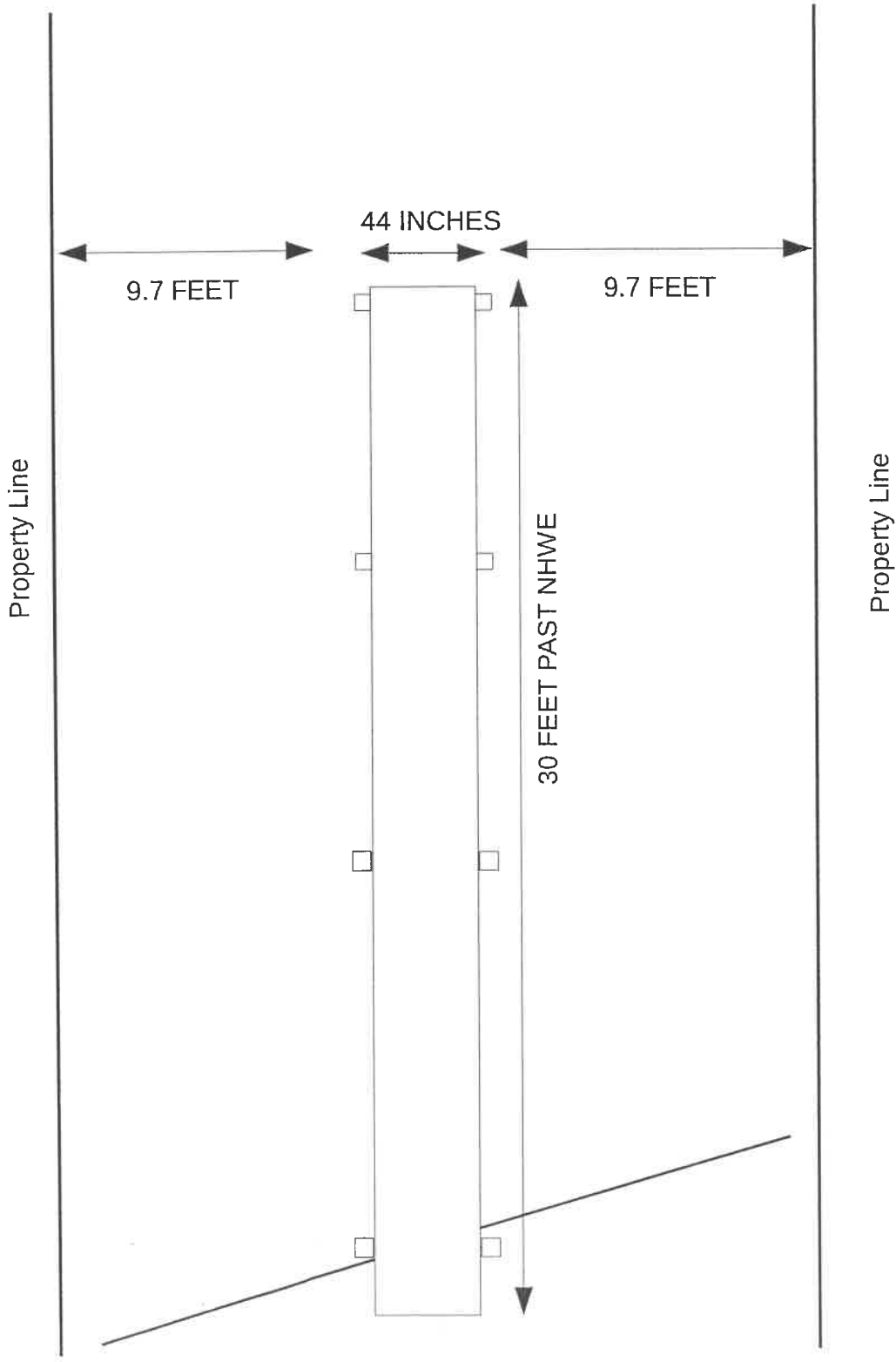
137 Ford Rd.
Box C
P.O. # 28812
898 4557
277 3778
LB #7084

Andrew Perry, P.S.M.
Professional Surveyor & Mapper #6124
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL BASED SEAL ON THE ELECTRONIC SIGNATURE AND SEAL OF THIS FLORIDA LICENSED SURVEYOR AND MAPPER.

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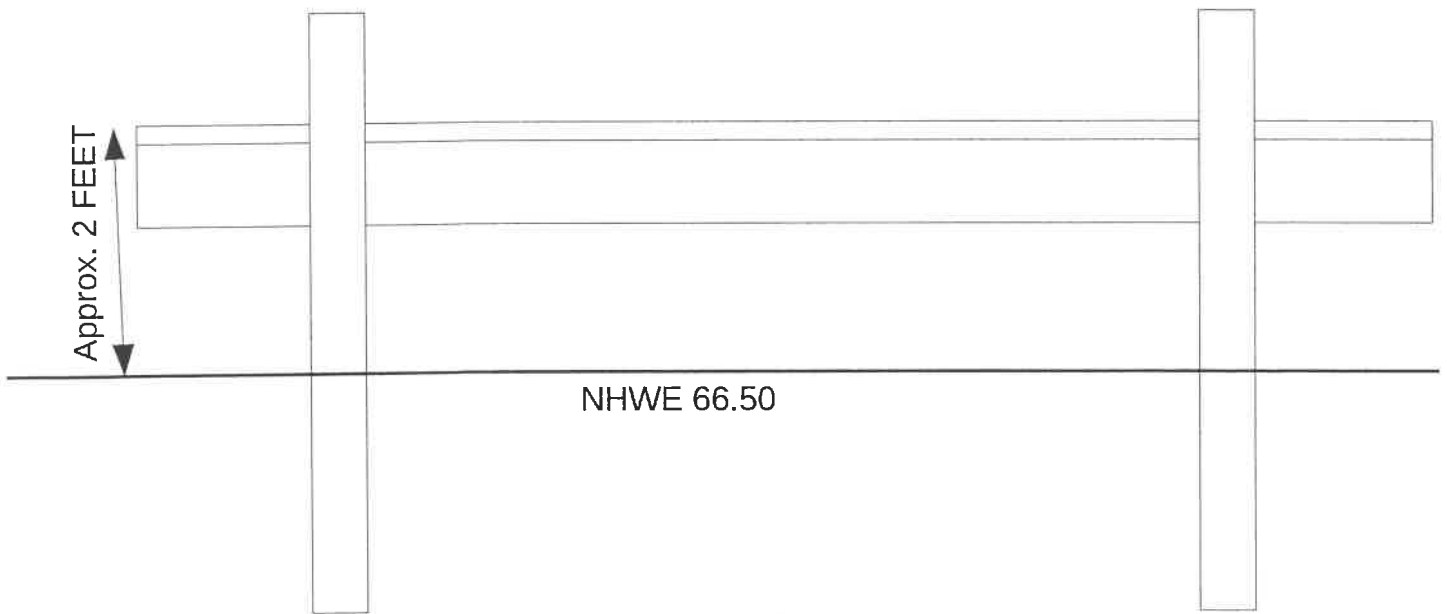


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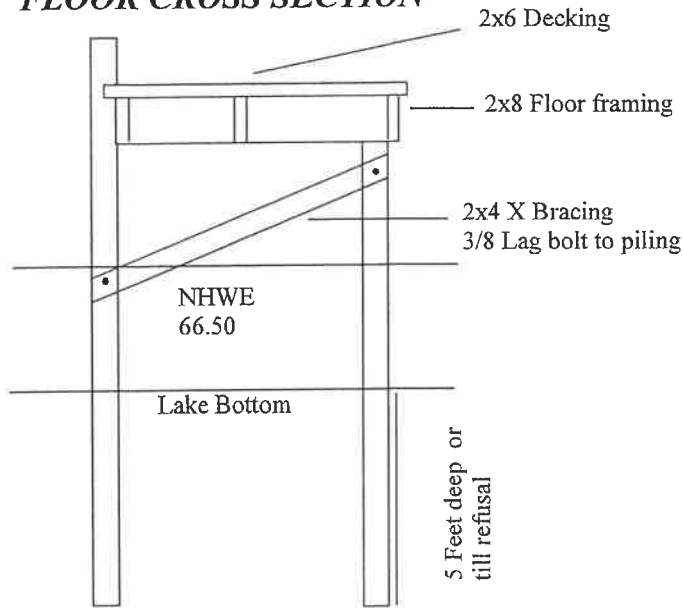
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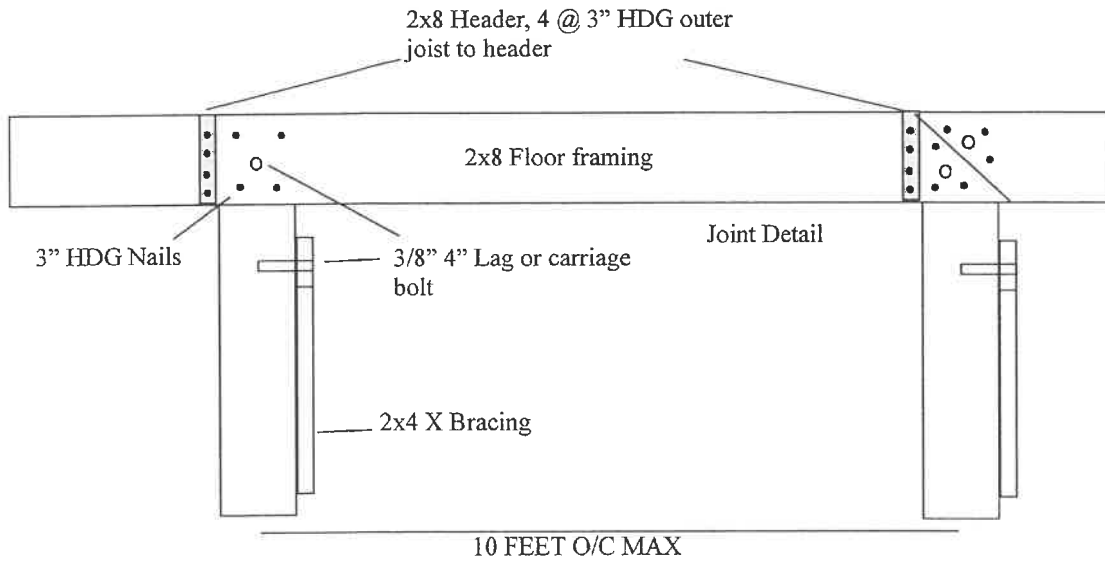
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FLOOR CROSS SECTION



- 1) 2x8 floor framing, joists and headers
- 2) 4x4 min. pilings
- 3) 4 @ 3.5" nails minimum per connection.
- 4) 3/8" x 4" Lag or carriage bolts, floor framing to piling and X bracing to piling.
- 5) 2x6 PY SYP decking 2 @ 3" screws per joist.
- 6) All fasteners are HDG, Stainless Steel or otherwise coated for use in PT SYP.
- 7) All lumber Marine Grade PT SYP



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