

Lakes & Waterways Advisory Board



December 12, 2017, 12:00 noon

Chief Beary Community Room, 2nd floor
500 N. Virginia Ave. • Winter Park, Florida

1 administrative

- a. Approve November 14, 2017, Meeting Minutes

2 action items

Shoreline Permit Applications:

- SAP 17-18, Request of Brandon and Jennifer Lenox to install a boathouse/dock at 1486 Alabama Dr. on Lake Maitland
- SAP 17-19, Request of Kristen and Greg Knight for a modification to approved boathouse/dock at 860 Via Lugano on Lake Maitland

3 reports

- Lake Management – Amy Giannotti
- Sustainability – Vanessa Balta Cook
- Stormwater Management – Don Marcotte
- WP Police Lakes Patrol – Jeff Hershone
- City of Maitland Update – Paul Ritter

4 new business

- Renewal of Scenic Boat Tour's Franchise Agreement
- Citizen Comments
- New Ideas

5 adjourn

Next meeting date – January 9, 2018

appeals & assistance

"If a person decides to appeal any decision made by the Commission with respect to any matter considered at such meeting or hearing, he/she will need a record of the proceedings, and that, for such purpose, he/she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based." (F. S. 286.0105).

"Persons with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk's Office (407-599-3277) at least 48 hours in advance of the meeting."

**CITY OF WINTER PARK
LAKES AND WATERWAYS ADVISORY BOARD**

Regular Meeting
500 N. Virginia Ave
Beary Community Room

November 14, 2017
12:00 pm

MINUTES

Present:, Jack Goggin, Steven DiClemente, Drew Havron, Doug Marks, Tom Smith, Amy Bird

Absent: John Minton

City of Winter Park Staff: Troy Attaway, Public Works Director, Don Marcotte, Asst. Public Works Dir/Stormwater Engineer; Amy Giannotti, Lakes Manager; Vanessa Balta Cook, Building and Sustainability; Sgt. Jeff Hershone, Police Dept.; Debbie Wilkerson, Recording Secretary

Guests: Jody Lazaro – Winter Park Library

CALL TO ORDER. Chm. Steven DiClemente called the Lakes and Waterways Advisory Board to order at 12:15 pm. Chm. DiClemente asked for a motion to approved the agenda. Mr. Marks moved to approve the October 10, 2017 agenda, seconded by Mr. Smith, motion carried unanimously 7-0.

administration

Citizen Comments - None

Approval of Minutes

Mr. Marks moved to approve the October 10, 2017, meeting minutes as presented, seconded by Mr. Goggin, motion carried with a 6-0 vote.

Action items

Shoreline Applications:

SAP 17-15, Request of William Dingman to install a boathouse /dock at 1621 Via Tuscany on Lake Maitland. Ms. Giannotti provided details of the application. Application does not meet City code. Owner is requesting a variance for total area, length from OHW and side yard setback.. Staff is recommending approval pending variance approval. Motion made by Mr. Marks to approve application, seconded by Mr. Havron, motion carried unanimously 6-0.

SAP 17-16, Request of Harvey & Carol Massey to install a seawall (revetment) 1461 Via Tuscany on Lake Maitland. Ms. Giannotti provided details of the application. Staff is recommending approval pending revegetated in accordance with Shoreline Alteration Permit (14-39V expired 9/30/2017). Motion made by Mr. DiClemente to approve application, seconded by Ms. Byrd., motion carried unanimously 6-0.

SAP 17-17, Request of Valley Family Trust to install a boathouse/dock at 1027 Lake Bell on Lake Bell. Ms. Giannotti provided details of the application. Application does not meet City code. Owner is requesting a variance for side yard setback and length from OHW and staff is recommending approval pending variance approval. Motion made by Mr. Marks to approve application, seconded by Mr. Smith, motion carried unanimously 6-0.

Reports

Lake Management

Ms. Giannotti reported on the following activities:

CITY OF WINTER PARK LAKES AND WATERWAYS ADVISORY BOARD

November 14, 2017- Page 2 of 3

- Continued Hurricane Irma cleanup
- Two Apple Snail Roundups
- Catfish stocked into MLK pond by FWS
- Drone flight over Lakes Virginia, Mizell, Osceola to document shorelines and dock/seawall.
- Staff attended Florida Aquatic Plant Management Society Conference
- Ms. Giannotti presented at ICAIS Conference
- Trail sign for Watershed Trail installed at Dinky Dock
- Ongoing work to repair fountains/aerators at Lakes Wilbar, Midget and MLK pond
- On-going aquatic plant treatments
- Morse alum station update
- Email registry for those who want information regarding a particular lake now available on website.
- 2018 Watershed cleanup dates/locations:
January 27 – Lk Maitland, April 7 – Lk Virginia, July 7 – Lk Osceola, October 20 – Lk Killarney

Sustainability - Vanessa Balta Cook

Ms. Balta Cook reported on the watershed cleanup held on April 15. She also announced a volunteer appreciation event on April 26.

Stormwater Management - Don Marcotte

Mr. Marcotte distributed an updated Stormwater Capital Improvement Projects. Mr. Marcotte also provide updated information on projects including Howell Creek purchase and proposed improvements, NPDES annual permit submitted last week, developing flood prevention list, return of project manager so moving forward with stormwater projects.

Lakes Patrol – WP Police

Sgt. Jeff Hershone reported that patrol of the lakes has stopped, unless needed, until spring. The doors on the police boathouse damaged during the hurricane have been repaired.

City of Maitland – Paul Ritter - None

New Business - None

New Ideas – None

Ms. Giannotti responded to questions regarding replacing sand at Dinky Dock.

adjourn

Meeting adjourned at 12:43 p.m. Next meeting December 12, 2017.

Respectfully submitted,

Debbie Wilkerson

Debbie Wilkerson, Recording Secretary

Shoreline Alteration Permit Application Staff Report (Dock/Boathouse)

Application #: 17:18 **WATERBODY:** Lake Maitland **Date:** 11/7/2017

APPLICANT NAME AND SITE ADDRESS:

Brandon & Jennifer Lenox, **east of 1486 Alabama Drive, Winter Park, FL 32789
(**split lot approved by City Commission)

Dock Parameter	Proposed	Allowed	Variance yes/no/n.a.
Total Area (sq. feet)	555	600 max.	n/a
Length from OHW (feet)	30	30	n/a
Height of Roof (feet above deck)	11	11 max.	n/a
Height of Deck (feet above OHW)	1 - 2	2 max.	n/a
Side Yard Setback(s) (feet)	5	10 min.*	n/a
Meets Vegetation Criteria?	No See comments	n/a	n/a

* Side yard setback may be reduced to 5 feet without a variance if a signed letter of no objection is obtained from the affected adjacent property owner.

Comments:

Received per Building Department 11/30/2017.

Staff Recommendation:

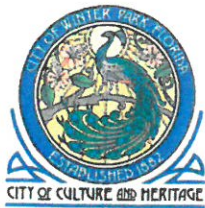
Approval, with condition(s).

Recommended condition(s):

1. Planting in accordance with shoreline vegetation conditions must be completed prior to the issuance of a building permit.
2. Plants must be installed by January 31, 2018.

Reviewed By: Amy L Giannotti





CITY OF WINTER PARK
SHORELINE ALTERATION PERMIT APPLICATION

Amt: \$ _____
Check#: _____
Date: _____

General Instructions: To request approval of a Shoreline Alteration Permit Application complete this application and submit to Public Works Department (500 N. Virginia Ave., Winter Park, FL 32789) along with the applicable fee and all additional information necessary for public hearing before the Lakes & Waterways Advisory Board. All required must be submitted with application. **Two complete sets of the application and plans are required.** (Signed and sealed plans are **NOT** required for the Shoreline Alteration Permit)

DEADLINE IS THE SECOND TUESDAY OF EACH MONTH FOR HEARING IN THE FOLLOWING MONTH.

SAP 17 : 18

Water Body: Lake Maitland
(Lake, Canal, etc.)

\$50.00 Fee for Docks Only

\$75. Fee for Boathouse & Dock

APPLICANT/CONTRACTOR

OWNER

Summertime Deck & Dock

Brandon Lenox

Matt Langbehn

Jennifer Lenox

Phone: 407-583-6251

Phone: 407-670-5833

Email: _____

Email: bklenox@gmail.com

Is the property under contract for purchase or lease? Yes No
matt@summertimedocks.com

If the applicant is NOT the owner, attach a copy of the purchase or lease contract or option on the property, or a letter signed by the owner of record authorizing the applicant to act as agent for the owner. This information is requested to establish the legal status of the applicant and will be held in confidence, except as the information pertains to the zoning application

Is the contract for purchase or lease contingent upon approval of this application? Yes No

PROPERTY

Street Address :(if different):

Name of lake, canal or stream

1486 Alabama Dr, Winter Park, FL, 32789

Lake Maitland

*1466 Alabama Dr.
1500 Alabama Dr*

City of Winter Park
BOATDOCK/BOATHOUSE SITE PLAN APPLICATION GUIDELINES

Hearing Dates:

All dock and boathouse site plans are reviewed and decided upon by the Lakes and Waterways Advisory Board at their regular monthly meetings. Meetings are held every month on the second Tuesday, at 12:00 noon, at the Winter Park Public Safety Building located at 500 N. Virginia Avenue, Winter Park, FL 32789 in the Chief Beary Community Room, 2nd floor. Applicants may attend these meetings, but their presence is not required.

Submittal Deadline:

Site plan applications must be received by the Public Works Department by the second Tuesday of the month, for hearing at the next month's Lakes Board meeting. Due to notification requirements within the City Code of Ordinances, applications received later than the second Tuesday of the month will be held for hearing at the next possible meeting.

CURRENT DOCK/BOATHOUSE ALLOWANCES AND RESTRICTIONS:

Dock Parameter	Allowed
Total Area	600 square feet (max.), includes boat slip(s).
Length	30 feet (max.) from ordinary high water line (OHW)*, 50 feet (max.) from OHW on Lake Killarney
Height of Roof	11(max.) above the deck.
Height of Deck	1.0 foot (min.) above OHW, 2.0 feet (max.) above OHW
Side Yard Setback(s) **	10 feet (min.)

* OHW is set by code for each lake. See table below.

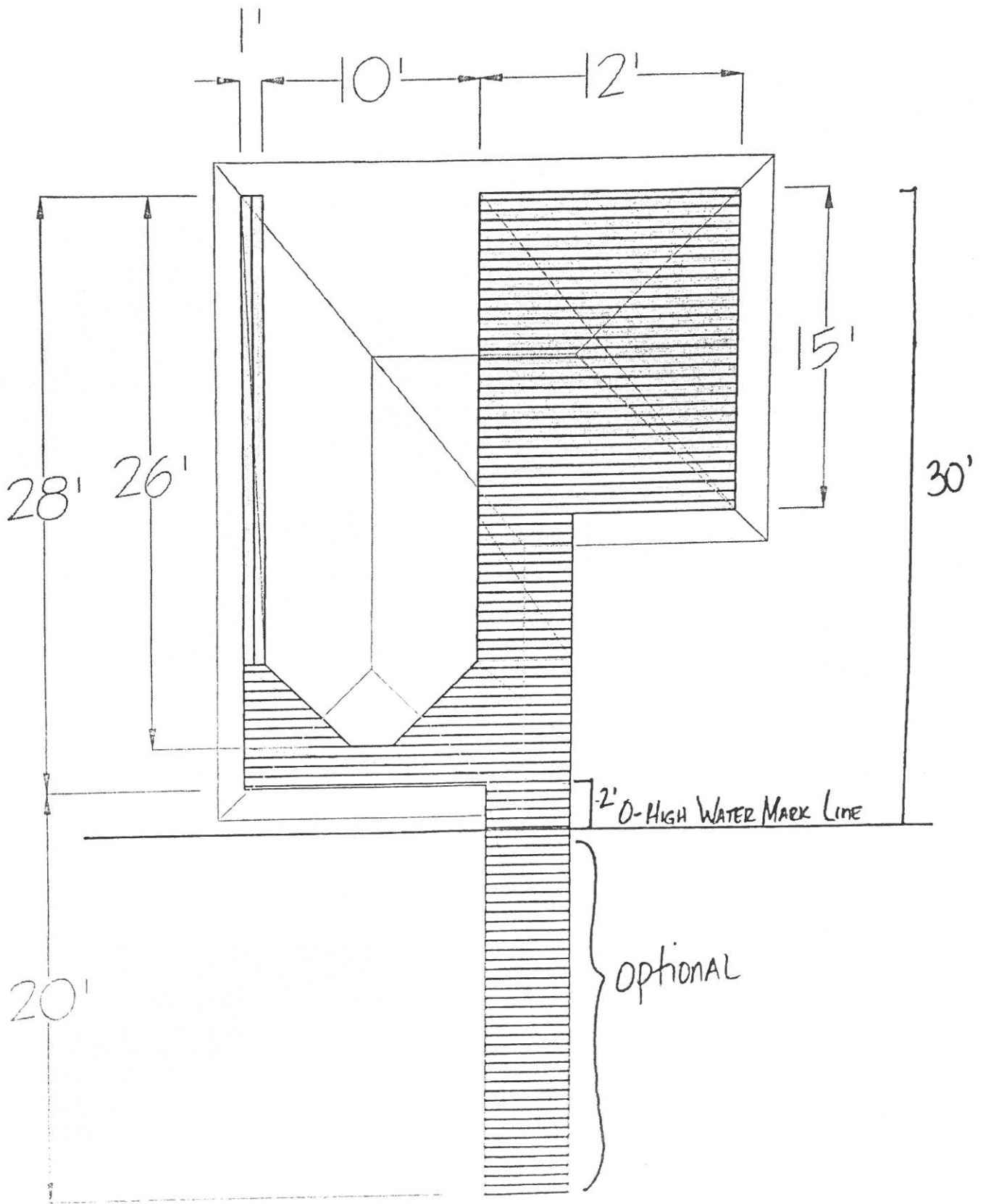
** Side yard setback may be reduced to 5 feet without a variance if a signed letter of no objection is obtained from the affected, adjacent property owner.

Ordinary High Water (OHW) Elevations:

Lakes Virginia, Mizell, Osceola and Maitland	66.5 feet, NGVD
Lake Berry	70.2 feet, NGVD
Lake Spier	90.5 feet, NGVD
All Others	Call for OHW

Questions:

Direct questions to Tim Egan at (407) 599-3599, or by e-mail to tegan@cityofwinterpark.org



Shoreline Alteration Permit MODIFICATION Staff Report (Dock/Boathouse)

Application #: 17:19 **WATERBODY:** Lake Maitland **Date:** Revised 10/25/17

APPLICANT NAME AND SITE ADDRESS:

Greg and Kirsten Knight, 860 Via Lugano, Winter Park, FL 32789

Dock Parameter	Proposed	Modification	Allowed	Variance yes/no/n.a.
Total Area (sq. feet)	592	337/579**	600 max.	n/a
Length from OHW (feet)	30	30	30	n/a
Height of Roof (feet above deck)	11	11	11 max.	n/a
Height of Deck (feet above OHW)	1 - 2	1-2	2 max.	n/a
Side Yard Setback(s) (feet)	10	10	10 min.*	n/a
Meets Vegetation Criteria?	No See comments	No See comments	n/a	n/a

* Side yard setback may be reduced to 5 feet without a variance if a signed letter of no objection is obtained from the affected adjacent property owner.

****Modification request includes decreasing square footage on deck to add a storage room under boathouse. Storage room 66 sq ft and code allows for 80 sq ft.**

Comments:

A vegetation permit has been applied for and included a planting plan that meets the code requirements.

Staff Recommendation:

Approval, with condition(s).

Recommended condition(s):

1. Planting in accordance with approved plan must be completed prior to the issuance of a building permit.
2. **Plants must be installed by Jan 31, 2018.**

Reviewed By: Amy L. Giannotti



SAP-17-19

17-2248

CITY OF WINTER PARK
BUILDING & CODE ENFORCEMENT DEPARTMENT
REVISION ROUTING REPORT

PERMIT# _____ PAGES @ \$25.00 = \$ _____ DATE: 10/25/2017
ADDRESS/ or SUBJECT: 860 VIA LUGANO # OF COPIES
CONTRACTOR: Albert Cichea / Charlie Clayton PHONE # 407-275-8954
DESCRIBE REVISIONS: decreasing sq. ft on deck to add a
Storage Room under boathouse

HEADS

PICKED UP BY (CONTRACTOR) _____ DATE: _____
PLANNING & ZONING DATE: _____
PLANNING & ZONING CONDITIONS: _____
LAKEFRONT PROPERTY: YES NO PROVIDE APPROVAL DOCUMENT
HISTORIC PROPERTY: YES NO
VARIANCE GRANTED: YES NO PROVIDE APPROVAL DOCUMENT
CONDITIONAL USE GRANTED: YES NO PROVIDE APPROVAL DOCUMENT

BUILDING DATE: BY: ✓	Approved <input type="checkbox"/> Disapproved <input type="checkbox"/> Approved with condition <input type="checkbox"/>	
FIRE DATE: BY:	Approved <input type="checkbox"/> Disapproved <input type="checkbox"/> Approved with conditions <input type="checkbox"/>	
ENGINEERING DATE: BY:	Approved <input type="checkbox"/> Disapproved <input type="checkbox"/> Approved with conditions <input type="checkbox"/>	
STORMWATER/ LAKES DATE: BY:	Approved <input type="checkbox"/> Disapproved <input type="checkbox"/> Approved with conditions <input type="checkbox"/>	
UTILITIES DATE: BY: ✓	Approved <input type="checkbox"/> Disapproved <input type="checkbox"/> Approved with conditions <input type="checkbox"/>	
LANDSCAPING DATE: BY:	Approved <input type="checkbox"/> Disapproved <input type="checkbox"/> Approved with conditions <input type="checkbox"/>	
POLICE DATE: BY:	Approved <input type="checkbox"/> Disapproved <input type="checkbox"/> Approved with conditions <input type="checkbox"/>	
PLANNING/CRA DATE: BY:	Approved <input type="checkbox"/> Disapproved <input type="checkbox"/> Approved with conditions <input type="checkbox"/>	

866 Via Lugano
850 Via Lugano

BOAT DOCK PLANS

KNIGHT DOCK

Prepared For

ALBERT CICHRA BUILDER, INC

Prepared By

THOMPSON ENGINEERING GROUP, INC

Engineer: Michael Thompson, MSc, P.E. (#47509)

4100 Vineland Road, Suite A6

Orlando, Florida 32811

Ph: 407-734-1450

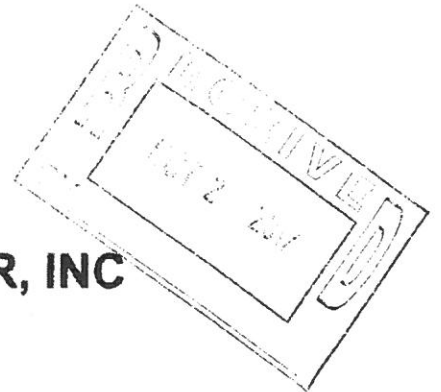
Fax: 407-734-1790

Certificate of Authorization No. 30060

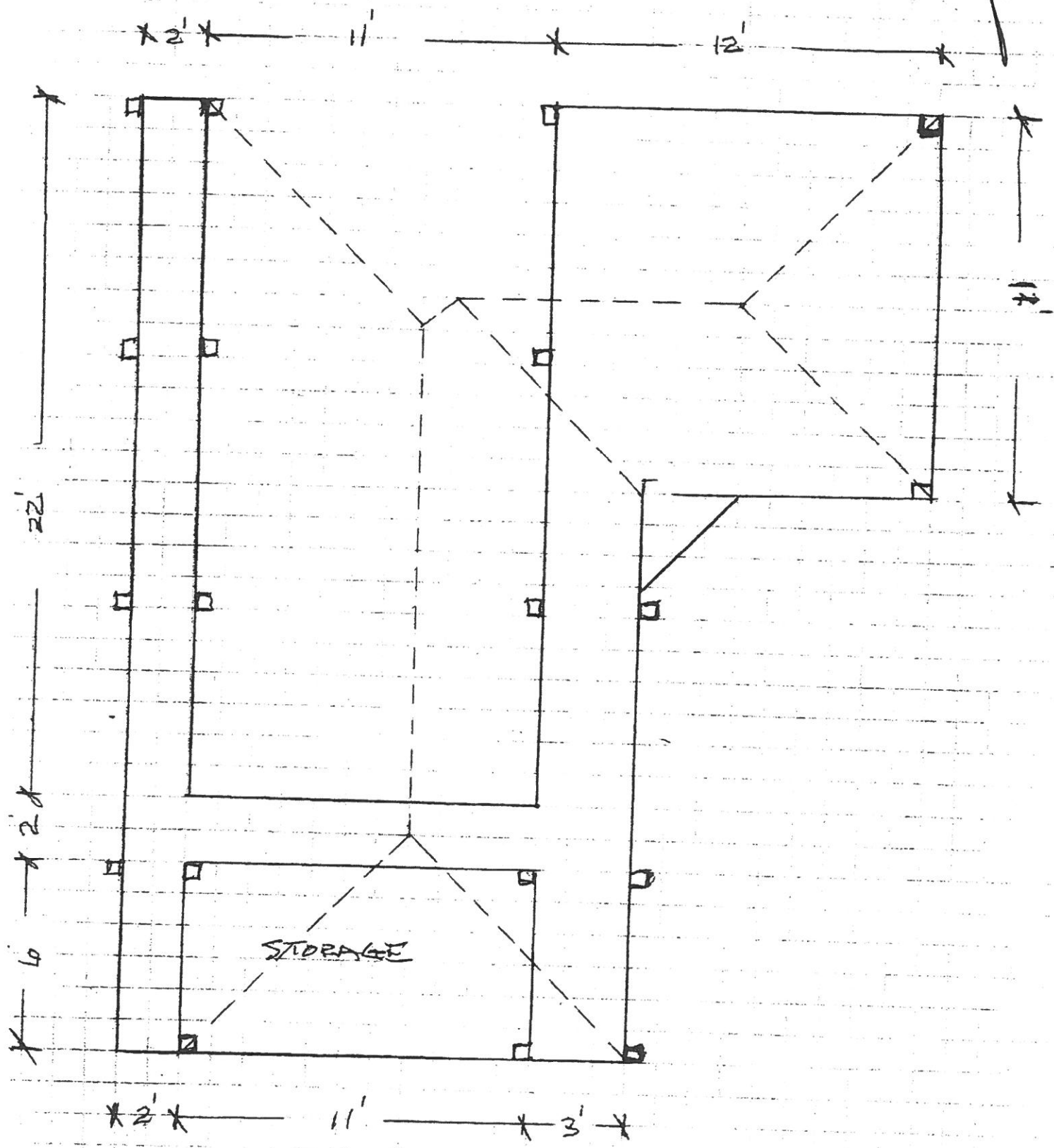
www.thompsoneng.com

OCTOBER 2017

17-2248 (R) REV 1

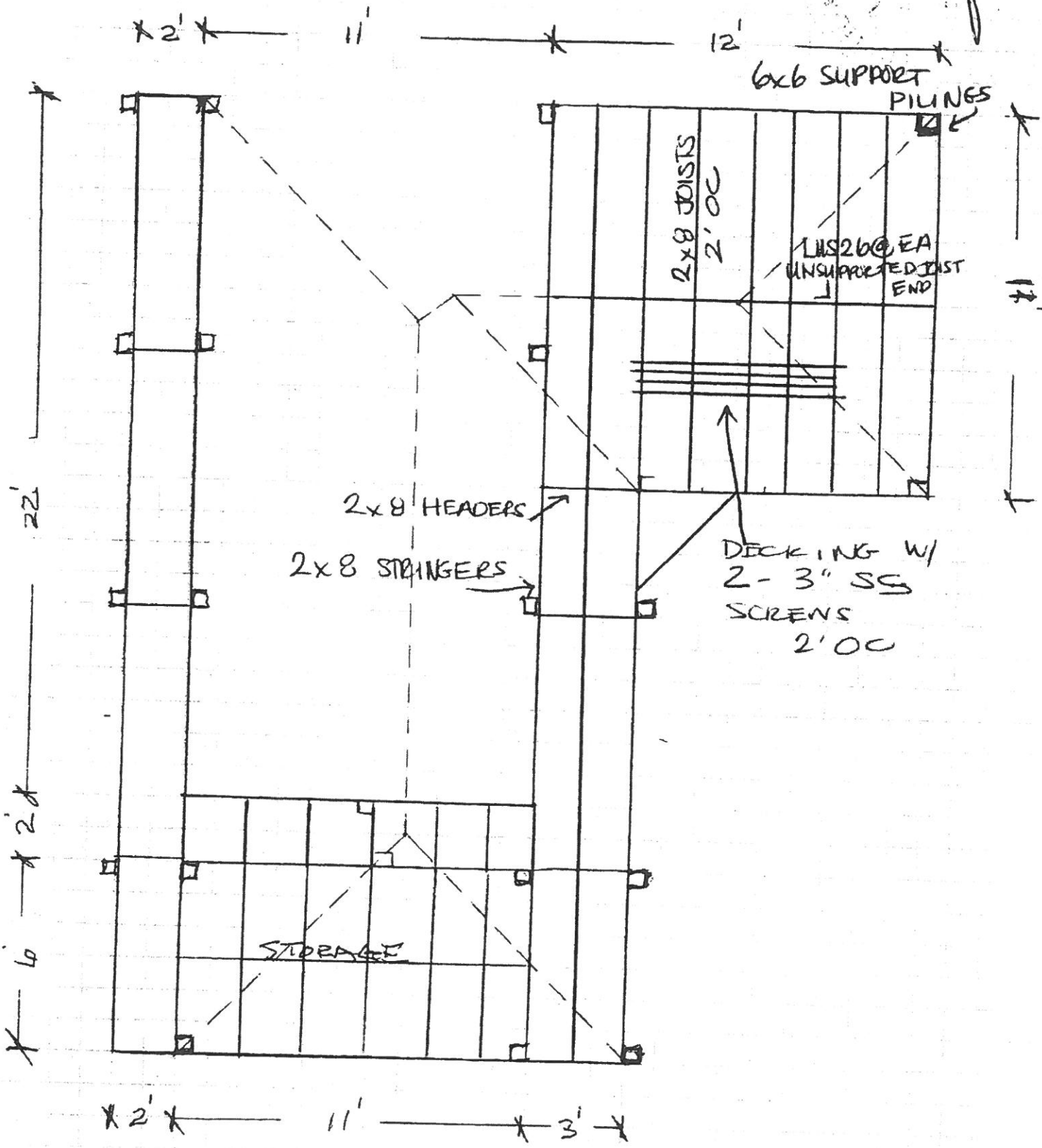


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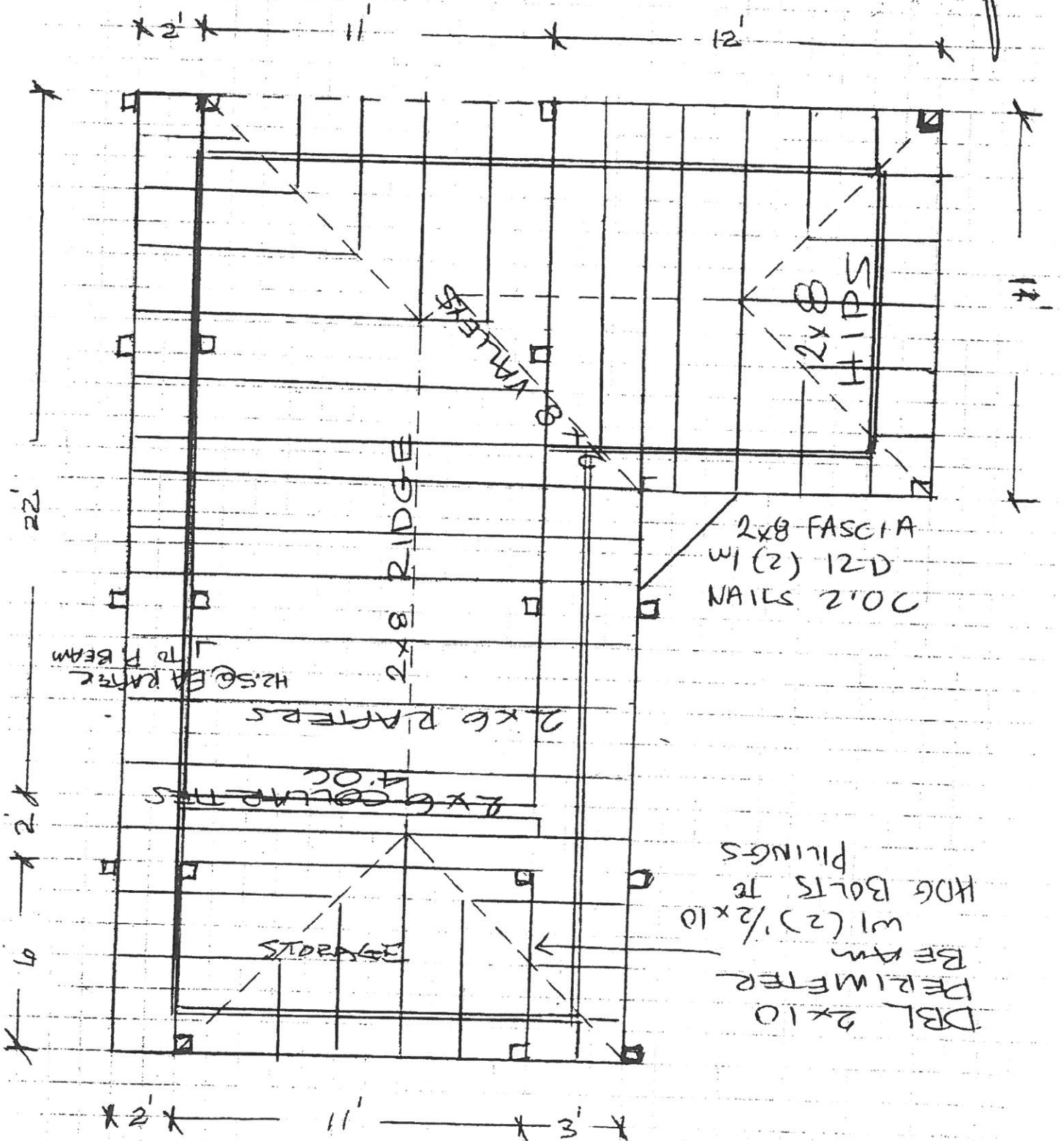
DECK FRAMING

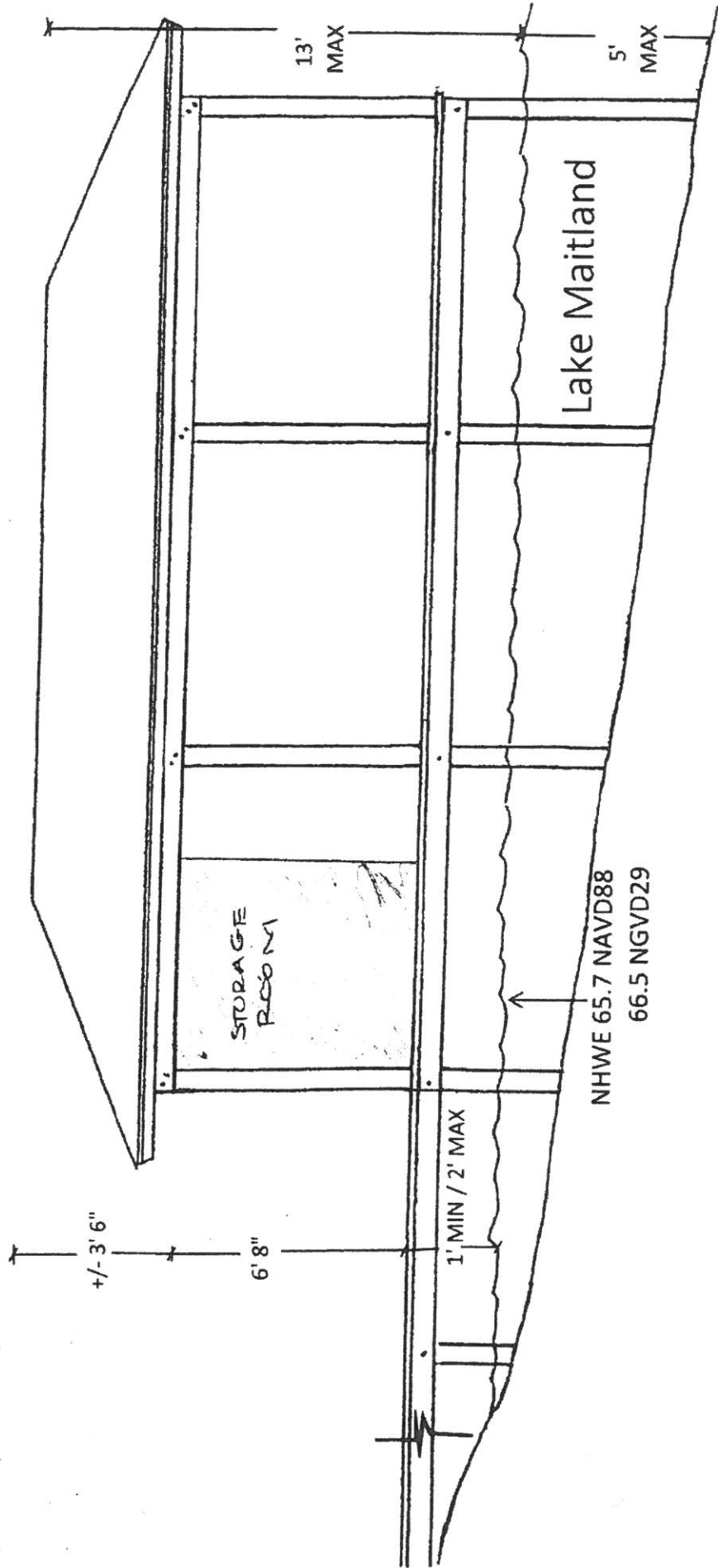
DATE
BY
10/27/19
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10/27/19



ROOF FRAMING

10/15/17

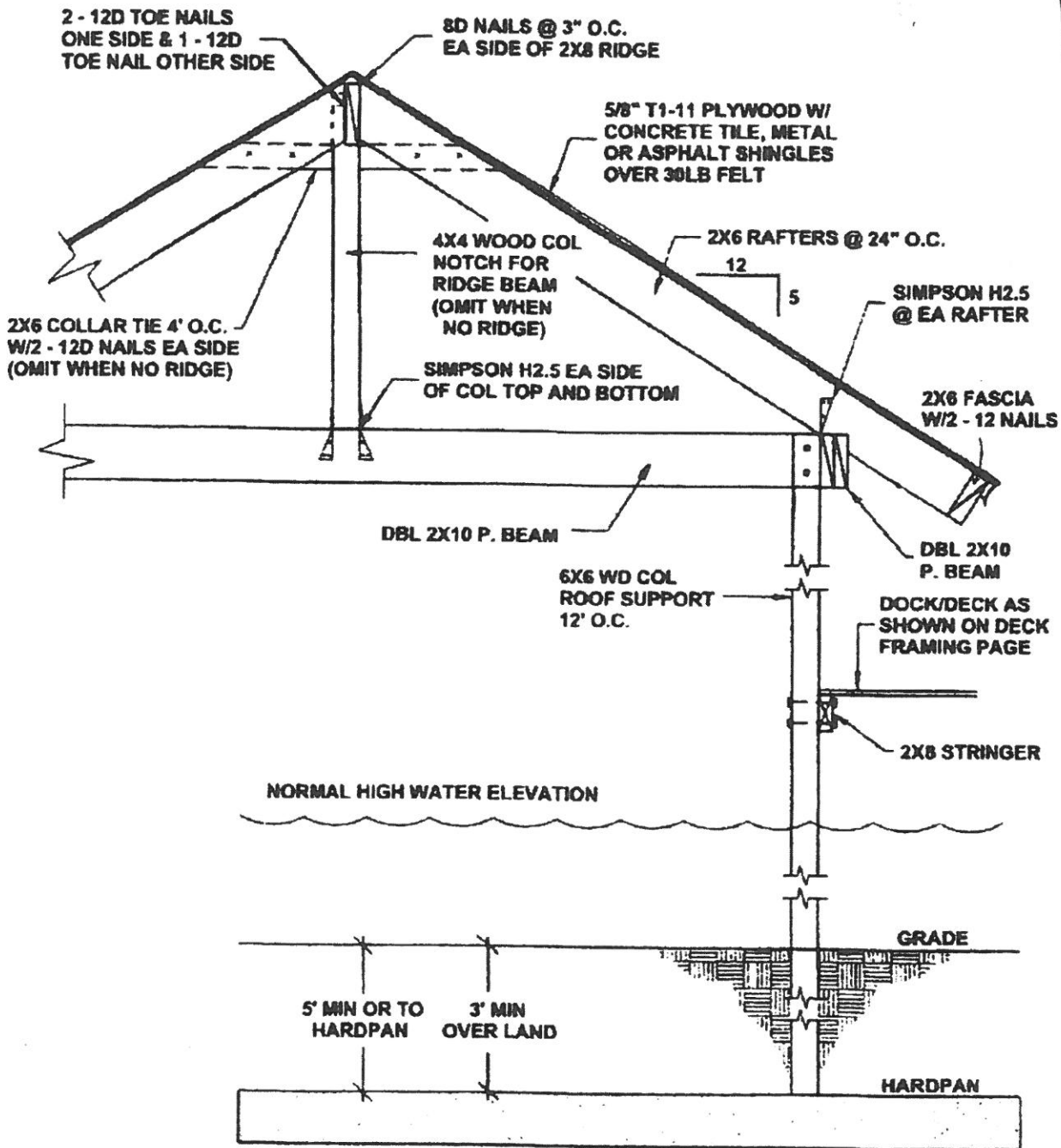




10/17/17
 Knight
 860 Via Lugano

Knight - 860 Via Lugano

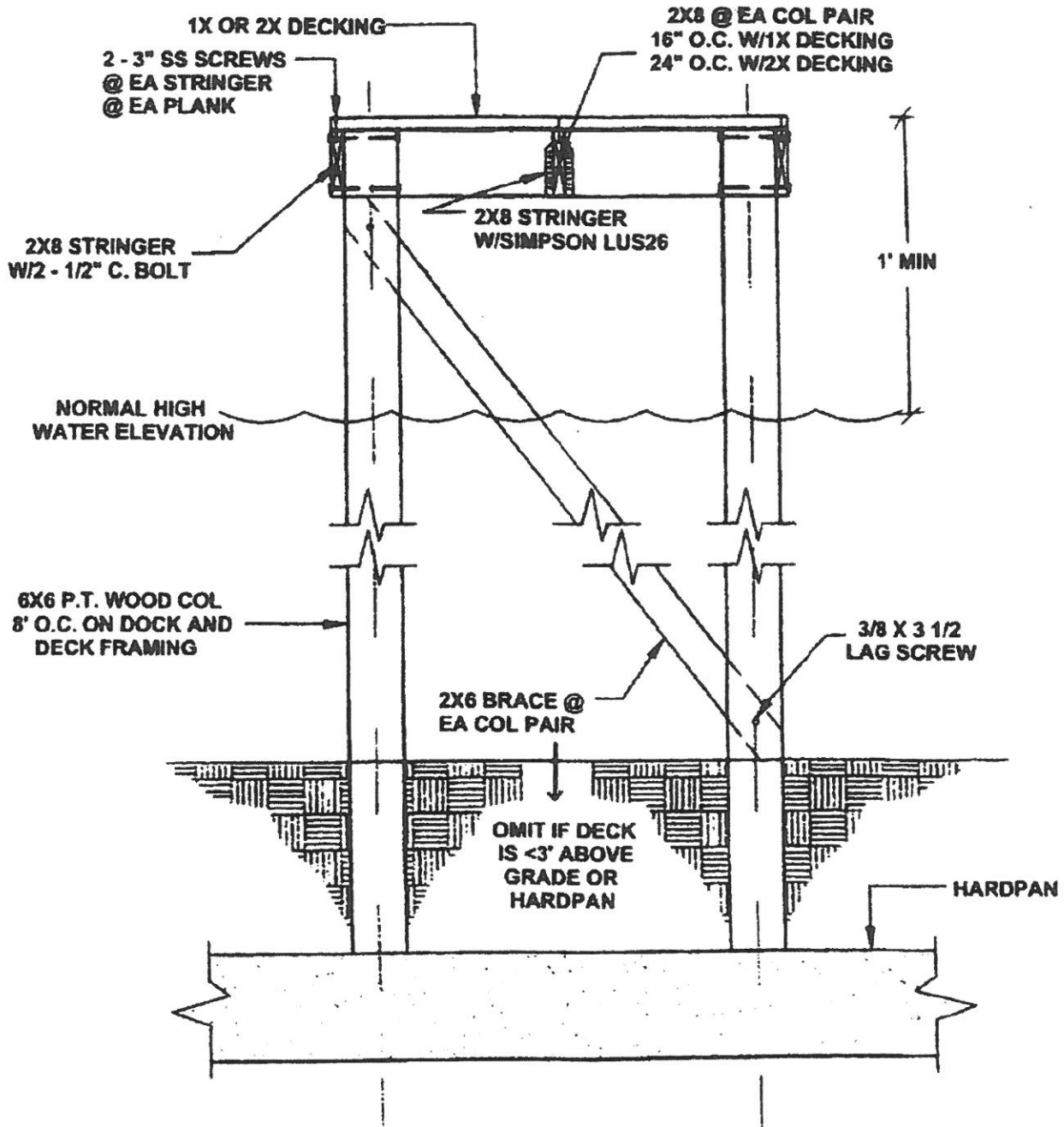
Details and Specifications - Roof Cross Section



KNIGHT 860 VIA LUGANO

ALBERT CICHRA BUILDERS, INC.

Details and Specifications – Dock Cross Section



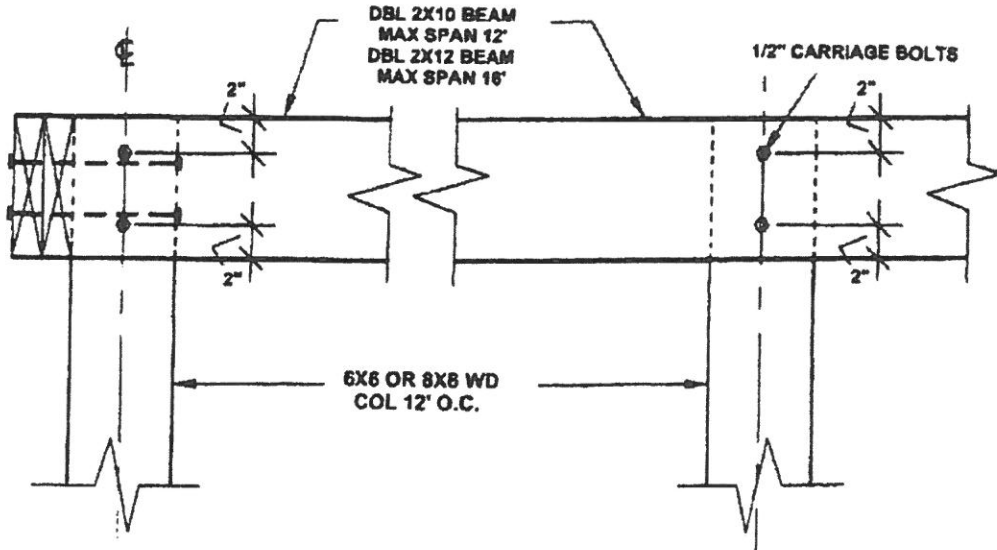
KNIGHT 860 VIA LUGANO

ALBERT CICHRA BUILDERS, INC.

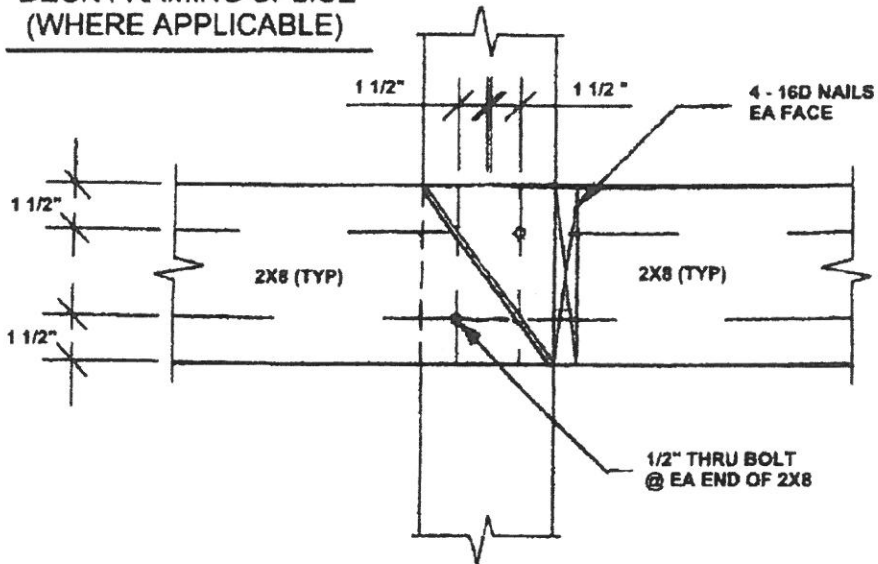
Details and Specifications (P. Beam and Framing Splice)

1-177

P. BEAM DETAIL



DECK FRAMING SPLICE
(WHERE APPLICABLE)

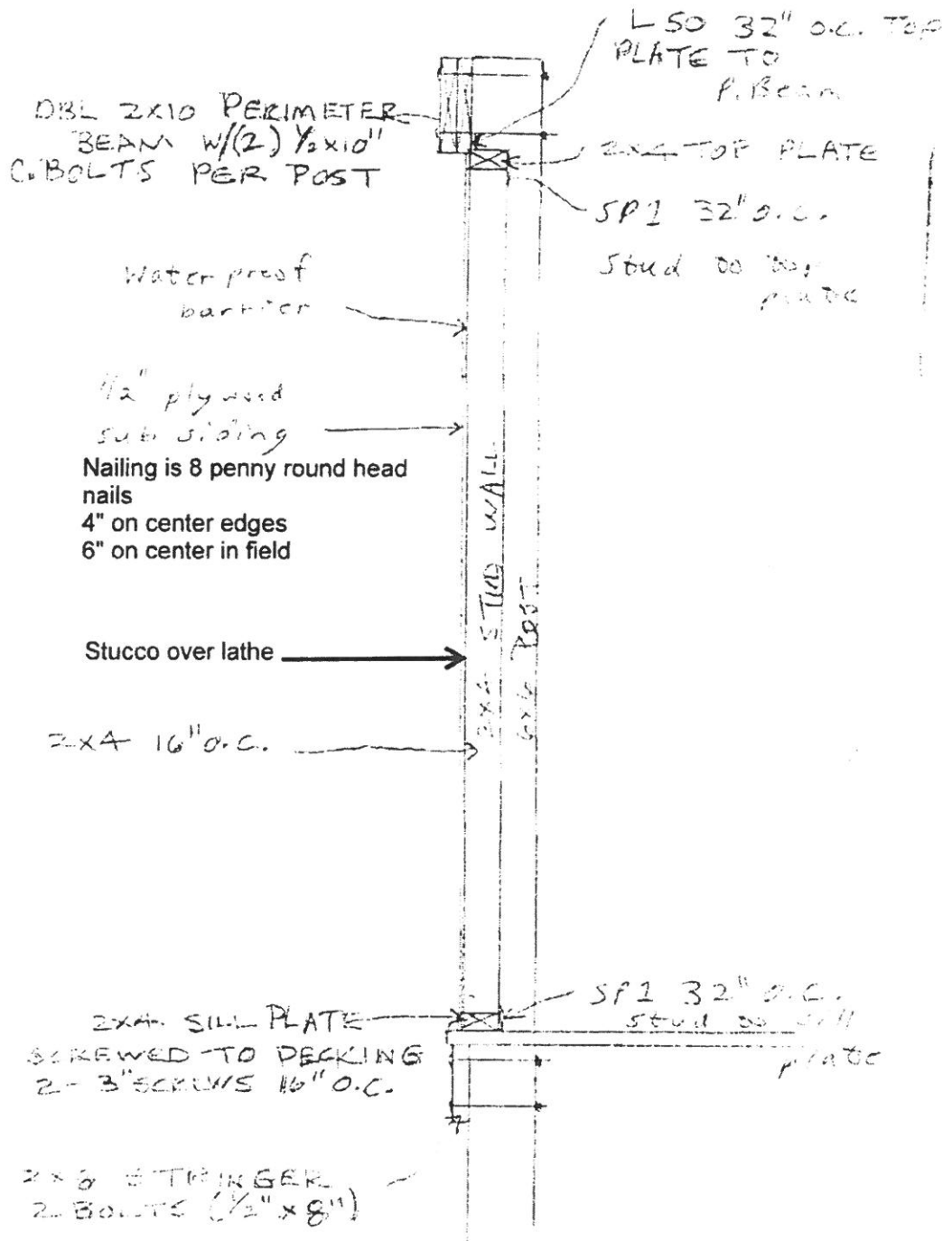


KNIGHT 860 VIA LUGANO

ALBERT CICHRA BUILDERS, INC.

WALL SECTION

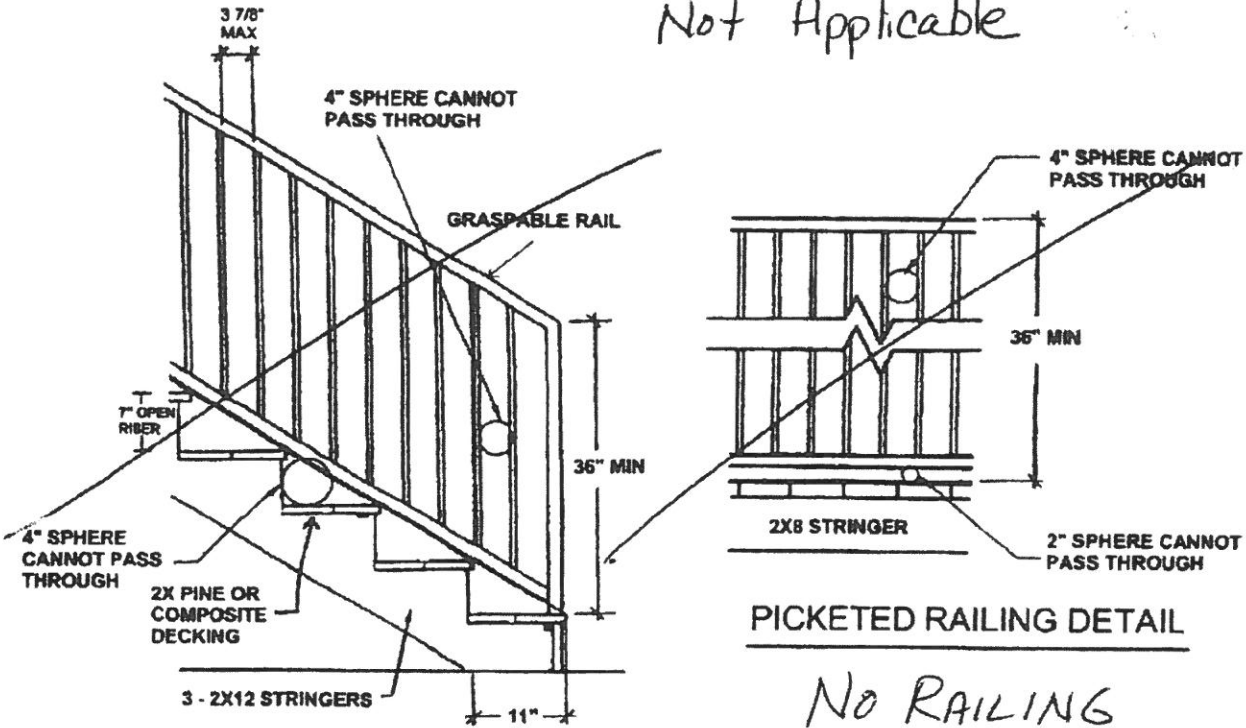
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gah/17

Details and Specifications - Stair and Railing

Not Applicable



STAIR DETAIL

No stairs

PICKETED RAILING DETAIL

No RAILING

NOTES:

- Bolts; ASTM A572
 - All nails shall be common wire nails
 - Simpson straps shall be ZMAX or galvanized
 - Lumber shall be #2 P.T. SYP or as noted
 - Roof rafters and fascia shall be #2 PT
- Any portion of the dock that falls landward of the NHWE and is more than 30" above grade will have fall protection railing per code.

NAILING SCHEDULE:

Wall and Roof sheathing – 1/2" CDX APA rated plywood w/8d sinker nails @ 4" O.C. at supported PNL edges & 6" O.C. in the field
 Simpson H2.5Z - four 8d x 1 1/2" nails to rafters and plates
 Simpson LUS26Z – four 8d x 1 1/2" nails to headers and joists

DESIGN REQUIREMENTS:

Live loads for floors, decks and stairs is 60PSF
 Live load for roof is 20 PSF
 Live load for balconies is 60 PSF

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE WIND LOAD REQUIREMENTS OF THE 2014 FLORIDA BUILDING CODE RESIDENTIAL EDITION SECTION R301 DESIGN CRITERIA AND ASCE 7- 10 AND 2011 NEC.

1. BASIC WIND SPEED= 139 MPH ULTIMATE WIND SPEED (Vult) AND 108 MPH (Vasd)
2. CONSTRUCTION TYPE= SINGLE FAMILY RESIDENCE
3. WIND EXPOSURE= CATEGORY D
4. OPEN STRUCTURE WITH A ZERO PRESSURE COEFFICIENT

KNIGHT 860 VIA LUGANO

ALBERT CICHRA BUILDERS, INC.

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 5th Edition
The Aluminum Association, latest edition
ASCE 7-10

Galvanized Bolts:

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

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.

Structural Aluminum:

Conform to latest edition of Aluminum Association of Florida standard practice for aluminum design.

All aluminum shall be 6061-T6 (E= 10,000 ksi; Fy = 35 ksi)

Concrete

Conform to ACI 318, latest edition and ACI 301

Compressive Ultimate Strength (Minimum at 28 days) shall be 3,000 psi

Exposed chamfer edges shall be ¾"

Reinforcing Steel:

Conform to ACI 318 and 315, Latest edition
All reinforcement steel shall be ASTM A615
Grade 60. Min footing cover 3"
Smooth dowels & ties shall be ASTM A185

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 II (Table 1604.5)

Exposure Category: "D" (FBC 1609.4.3 & ASCE 7-10, Section 26.7.2)

Deck Live Load: 60 psf

Dead Load: 10 psf

Roof Live Load: 20 psf

Components and cladding, design wind pressures + 38psf/-38psf

Structural Steel:

Conform to latest edition of AISC "Specification for structural steel building" and AISC "Code of standard practice for steel buildings and bridges".

All structural steel shall be ASTM A36, (E= 29,000 ksi; Fy = 36 ksi)

Splicing prohibited without prior approval as to location and type.

Burning of holes in steel members is prohibited. Any member with burned holes must be replaced.

Welding:

Conformed to "code for welding in building construction" by the American Welding Society, latest edition.

Steel Weld IAW AWS D1.1 (latest edition) -E70XX electrodes

Aluminum Weld IAW AWS D1.2 (lasts edition)-Filler Alloy 5356 or equal.

Connection welds to be sized for forces and reactions indicated.

All steel welds shall be E70XX low hydrogen, 250 degrees min.

Welds shall be full penetration welds at all points of contact

KNIGHT 860 VIA LUGANO

ALBERT CICHRA BUILDERS, INC.