DATE 03/02/2017

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT 000034998

APPLICANT ROBERT J. HOAG PHONE 954.444.7941

ADDRESS 6509 264TH STREET BRANFORD FL 32008

OWNER BRADFORD ZOELLER PHONE ~~954.444.7941~~ 746 2652

ADDRESS 288 SW CHALLENGER LN LAKE CITY FL 32025

CONTRACTOR TABITHA SIBEL PHONE 386.935.6812

LOCATION OF PROPERTY 47-S TO MARVIN BURNETT,TR TO DEANNA,TL TO BAMBI,TR TO WINGS,TL TO CHALLENGER,TR LAST ON L BEFORE END @ CUL-DE-SAC

TYPE DEVELOPMENT HANGAR/UTILITY ESTIMATED COST OF CONSTRUCTION 126500.00

HEATED FLOOR AREA 2530.00 TOTAL AREA 2530.00 HEIGHT ___ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 3'12 FLOOR CONC

LAND USE & ZONING RSF-2 MAX. HEIGHT ___

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. 0 FLOOD ZONE AE DEVELOPMENT PERMIT NO. 17-004

PARCEL ID 07-4S-17-08106-112 SUBDIVISION COUNTRY LANDINGS

LOT 12 BLOCK ___ PHASE ___ UNIT ___ TOTAL ACRES 0.50

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		CGC1515388	RJH

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident	Time STUP No.
PRIVATE	17-0075-N	BMS	TC	N	

COMMENTS: MFE @ 111.00', NEED FINISHED CONSTRUCTION ELEVATION CERTIFICATE INCLUDING ALL MACHINERY BEFORE POWER, NO HVAC, NOC ON FILE

Check # or Cash 1408

FOR BUILDING & ZONING DEPARTMENT ONLY

Temporary Power ___ date/app. by   Foundation ___ date/app. by   Monolithic (footer/Slab) ___ date/app. by

Under slab rough-in plumbing ___ date/app. by   Slab ___ date/app. by   Sheathing/Nailing ___ date/app. by

Framing ___ date/app. by   Insulation ___ date/app. by

Rough-in plumbing above slab and below wood floor ___ date/app. by   Electrical rough-in ___ date/app. by

Heat & Air Duct ___ date/app. by   Peri. beam (Lintel) ___ date/app. by   Pool ___ date/app. by

Permanent power ___ date/app. by   C.O. Final ___ date/app. by   Culvert ___ date/app. by

Pump pole ___ date/app. by   Utility Pole ___ date/app. by   M/H tie downs, blocking, electricity and plumbing ___ date/app. by

Reconnection ___ date/app. by   RV ___ date/app. by   Re-roof ___ date/app. by

BUILDING PERMIT FEE $ 635.00 CERTIFICATION FEE $ 12.65 SURCHARGE FEE $ 12.65

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $ ___

PLAN REVIEW FEE $ 159.00 DP & FLOOD ZONE FEE $ 75.00 CULVERT FEE $ ___ **TOTAL FEE** 944.30

INSPECTORS OFFICE ___ CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

NOTICE: ALL OTHER APPLICABLE STATE OR FEDERAL PERMITS SHALL BE OBTAINED BEFORE COMMENCEMENT OF THIS PERMITTED DEVELOPMENT.

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

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Columbia County Remodel Permit Application

911 Address Verified 2-1-17

For Office Use Only Application # 1702-06 Date Received 2-1-17 By LH Permit # 34958

Zoning Official [illegible] Date 2-28-17 Flood Zone AE Land Use RLD Zoning RSF-2

FEMA Map # 0293-C Elevation 110.0' (BFE) MFE 111.0' River _____ Plans Examiner T.C. Date 2-8-17

Comments Need finished Construction Elevation Certificate including All Machinery before power. NO H.V.A.C.

☑ NOC ☐ Deed or PA ☑ Dev Permit # _____ ☐ In Floodway ☑ Letter of Auth. from Contractor

☐ F W Comp. letter ☐ Owner Builder Disclosure Statement ☐ Land Owner Affidavit ☐ Ellisville Water ☑ App Fee Paid

☑ Sub VF Form 17-0075-N ☑ EH ☑ SITE PLAN

Applicant (Who will sign/pickup the permit) Robert J Hong Fax 386-935-6812 Phone 954-444-7941

Address 6509 264th St, Branford, FL 32008

Owners Name Brad Ford Zoeller Phone 239-940-2652

911 Address 288 SW Challenger Ln, Lake City, FL 32025

Contractors Name TABITHA SIBEL Phone 386-935-6812

Address 6509 264 ST Branford FL 32008

Contractor Email RJH Drywall at mindspring.com ***Include to get updates on this job.

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Nicholas Paul Geisler

Mortgage Lenders Name & Address N/A

Circle the correct power company – FL Power & Light – Clay Elec. – Suwannee Valley Elec. – Duke Energy

Property ID Number 07-4S-17-08106-112 Estimated Construction Cost 100,000.00

Subdivision Name Country Landings Lot 12 Block ____ Unit ____ Phase ____

Driving Directions from a Major Road 47 South, (R) Marvin Burnett Rd, (L) Deanna Terr, (R) Bambi LN, (L) Wings Terr, (R) Challenger LN, Last on Left Before cul-de-sac.

Construction of Airplane Hanger ____ Commercial OR ✓ Residential

Type of Structure (House; Mobile Home; Garage; Exxon) Hangar.

Use/Occupancy of the building now Residential Hanger Is this changing ____

If Yes, Explain, Proposed Use/Occupancy Storage - Airplane

Is the building Fire Sprinkled? ____ If Yes, blueprints included ____ Or Explain 3/12

Entrance Changes (Ingress/Egress) ____ If Yes, Explain 2530 - F2530

Zoning Applications applied for (Site & Development Plan, Special Exception, etc.)

TW spoke w/ Sherry 3.1.17 (Needs Env. Health)

SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # 17072-06 JOB NAME Bradford Zoeller

THIS FORM MUST BE SUBMITTED BEFORE A PERMIT WILL BE ISSUED

Columbia County issues combination permits. One permit will cover all trades doing work at the permitted site. It is REQUIRED that we have records of the subcontractors who actually did the trade specific work under the general contractors permit.

NOTE: *It shall be the responsibility of the general contractor to make sure that all of the subcontractors are licensed with the Columbia County Building Department.*
Use website to confirm licenses: http://www.columbiacountyfla.com/PermitSearch/ContractorSearch.aspx

NOTE: If this should change prior to completion of the project, it is your responsibility to have a corrected form submitted to our office, before that work has begun.

Violations will result in stop work orders and/or fines.

ELECTRICAL – CC# 351	Print Name Richard H. SAPP Signature Richard H Sapp Company Name: ACE Electric Inc, OF North FLA License #: EC13006007 Phone #: 386-362-4058	Need: Lic, Liab, W/C, EX, DE
MECHANICAL/ A/C – CC# 857	Print Name Chris Williams Signature Ch Company Name: Country Comfort License #: CAC057795 Phone #:	Need: Lic, Liab, W/C, EX, DE
PLUMBING/ GAS – CC# 1204	Print Name Daniel K Schnabel Signature Daniel K Schnabel Company Name: Pure Plumbing Service Inc License #: CFC057788 Phone #: 386-867-0364	Need: Lic, Liab, W/C, EX, DE
ROOFING – CC# 1393	Print Name Signature Tabitha M Sebel Company Name: RJH CONSTRUCTION License #: CCC 1515388 Phone #: 386.935.6812	Need: W/C, EX, DE
SHEET METAL – CC#	Print Name Signature Company Name: License #: Phone #:	Need: Lic, Liab, W/C, EX, DE
FIRE SYSTEM/ SPRINKLER – CC#	Print Name Signature Company Name: License#: Phone #:	Need: Lic, Liab, W/C, EX, DE
SOLAR – CC#	Print Name Signature Company Name: License #: Phone #:	Need: Lic, Liab, W/C, EX, DE
STATE SPECIALTY – CC#	Print Name Signature Company Name: License #: Phone #:	Need: Lic, Liab, W/C, EX, DE

Ref: F.S. 440.103; ORD. 2016-30

Columbia County Building Permit Application

CODE: Florida Building Code 2014 and the 2011 National Electrical Code.

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless pursued in good faith or a permit has been issued.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within **180** days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO CONTRACTOR AND AGENT: ***YOU ARE HEREBY NOTIFIED*** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

Brad Zoeller — Owners Signature

Print Owners Name

****Property owners must sign here before any permit will be issued.**

****If this is an Owner Builder Permit Application then, ONLY the owner can sign the building permit when it is issued.**

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

Tabitha M Sebol

Contractor's Signature

Contractor's License Number CBC1515388
Columbia County
Competency Card Number 1393

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 12 **day of** January **20** 17.

Personally known X **or Produced Identification** _____

Stephanie Wright

State of Florida Notary Signature (For the Contractor)

SEAL:

STEPHANIE WRIGHT
Notary Public - State of Florida
My Comm. Expires Jun 2, 2018
Commission # FF 100994

NOTICE OF COMMENCEMENT

Tax Parcel Identification Number:

07-45-17-08106-112

Clerk's Office Stamp

Inst: 201712001918 Date: 02/01/2017 Time: 12:29PM
Page 1 of 1 B: 1330 P: 489, P.DeWitt Cason, Clerk of Court
Columbia, County, By: BD
Deputy Clerk

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this **NOTICE OF COMMENCEMENT**.

1. Description of property *(legal description)*: Lot 12 Country Landings S/D
   a) Street *(job)* Address: 288 SW Challenger LN
2. General description of improvements: Airplane Hanger
3. Owner Information or Lessee information if the Lessee contracted for the improvements:
   a) Name and address: Bradford Zoeller
   b) Name and address of fee simple titleholder (if other than owner)
   c) Interest in property
4. Contractor Information
   a) Name and address: RJH construction 6509 264st Branford FL 32008
   b) Telephone No.:
5. Surety Information (if applicable, a copy of the payment bond is attached):
   a) Name and address: N/A
   b) Amount of Bond:
   c) Telephone No.:
6. Lender
   a) Name and address: N/A
   b) Phone No.
7. Person within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes:
   a) Name and address: N/A
   b) Telephone No.:
8. In addition to himself or herself, Owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(l)(b), Florida Statutes:
   a) Name: N/A OF
   b) Telephone No.:
9. Expiration date of Notice of Commencement **(the expiration date will be 1 year from the date of recording unless a different date is specified)**:

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. [signature] Rebecca Zoeller
Signature of Owner or Lessee, or Owner's or Lessee's Authorized Office/Director/Partner/Manager

Bradford Zoeller Rebecca Zoeller Trustees
Printed Name and Signatory's Title/Office

The foregoing instrument was acknowledged before me, a Florida Notary, this 26 day of Jan, 2017, by:
Brad Zoeller
Rebecca Zoeller, as Trustees for Bradford Zoeller Living Trust
(Name of Person) (Type of Authority) (name of party on behalf of whom instrument was executed)

Personally Known ____ OR Produced Identification ✓ Type FL-DL

Notary Signature [signature] Notary Stamp or Seal: GEORGE R. MORE... My Comm. Expires Sep 27, ...17 Commission # FF 04170...

Columbia County Property Appraiser

updated: 12/8/2016

2016 Tax Year

Tax Collector | Tax Estimato | Property Card | Parcel List Generator

Parcel: 07-4S-17-08106-112

<< Next Lower Parcel | Next Higher Parcel >>

2016 TRIM (pdf) | Interactive GIS Map | Print

Owner & Property Info

<< Prev Search Result: 3 of 3

Owner's Name	ZOELLER BRADFORD & REBECCA A		
Mailing Address	TRUSTEES OF BRADFORD ZOELLER LIVING TRUST 202 SW CHALLENGER LN LAKE CITY, FL 32025		
Site Address	288 SW CHALLENGER LN		
Use Desc. (code)	VACANT (000000)		
Tax District	2 (County)	**Neighborhood**	7417
Land Area	0.502 ACRES	**Market Area**	06
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction.		
LOT 12 COUNTRY LANDINGS S/D. 820-229, WD 1047-1602, CT 1203 -1187, WD 1250-1095, WD 1304- 2565,			

Property & Assessment Values

2016 Certified Values		
Mkt Land Value	cnt: (0)	$10,000.00
Ag Land Value	cnt: (1)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$10,000.00
Just Value		$10,000.00
Class Value		$0.00
Assessed Value		$10,000.00
Exempt Value		$0.00
Total Taxable Value		Cnty: $10,000 Other: $10,000 | Schl: $10,000

2017 Working Values (. Hide Values)		
Mkt Land Value	cnt: (0)	$10,000.00
Ag Land Value	cnt: (1)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$10,000.00
Just Value		$10,000.00
Class Value		$0.00
Assessed Value		$10,000.00
Exempt Value		$0.00
Total Taxable Value		Cnty: $10,000 Other: $10,000 | Schl: $10,000

NOTE: **2017 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.**

Sales History

Show Similar Sales within 1/2 mile

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
10/15/2015	1304/2565	WD	V	U	11	$100.00
2/28/2013	1250/1095	WD	V	U	30	$6,800.00
10/20/2010	1203/1187	CT	V	U	18	$100.00
5/19/2005	1047/1602	WD	V	Q		$73,500.00

Building Characteristics

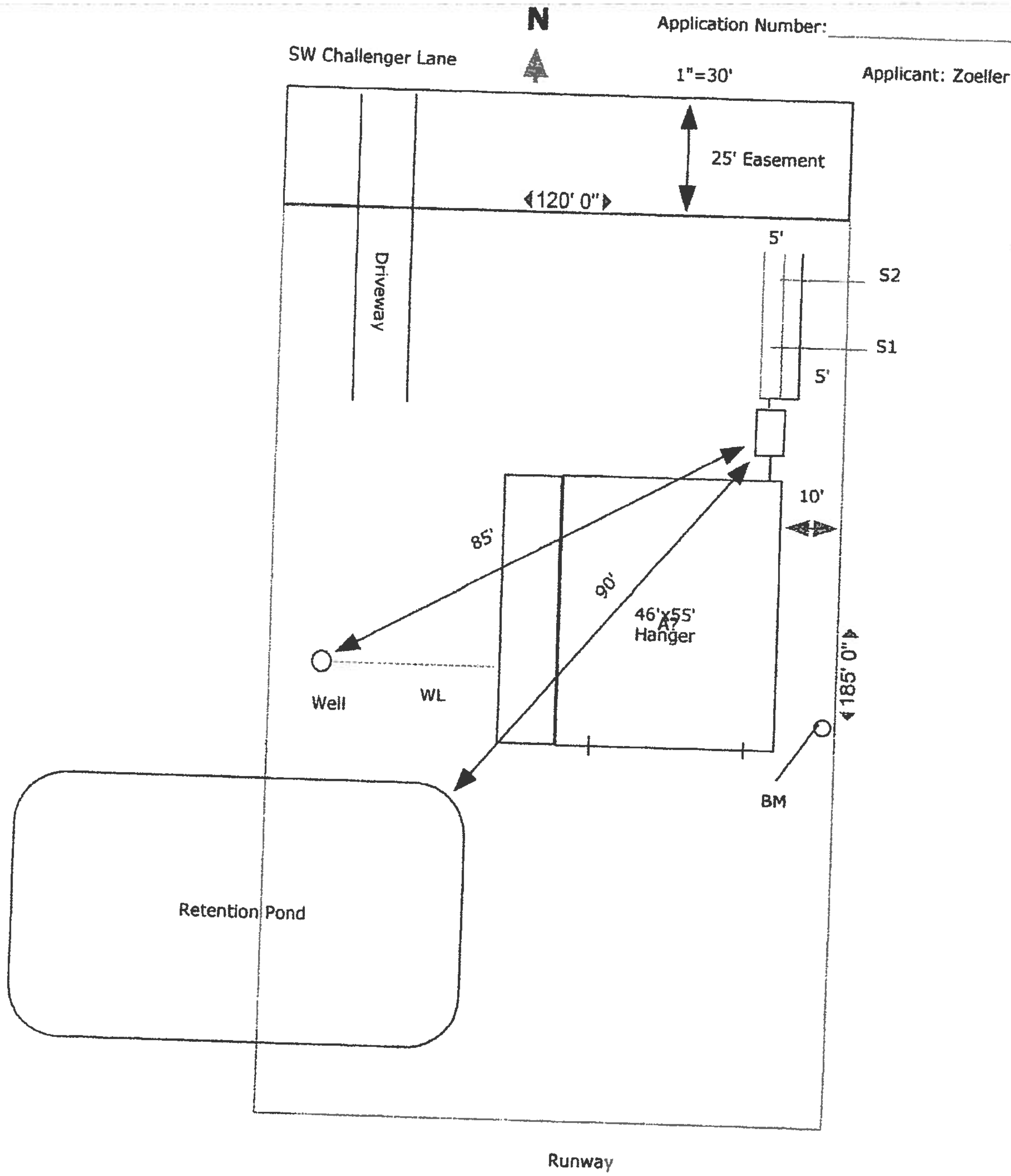
Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

State of Florida Department of Health
Application for Construction Permit
PartII Site Plan

Application Number: ____________



Notes: ____________

Site Plan Submitted By: [signature] / [signature]
Elliot Bronson 15-1789

Plan Approved ________ Not Approved ________ Date ________

By ______________________________ County Health Dept

Prepared by and Return to:
Teresa Byrd Morgan
Morgan Law Center
234 East Duval Street
Lake City, Florida 32055

Grantees:
BRADFORD ZOELLER and REBECCA A. ZOELLER, Trustees or their successors in trust, under the **BRADFORD ZOELLER LIVING TRUST, dated September 10, 2015,** and any amendments thereto.

Parcel Identification No.
07-4S-17-08106-112

Inst:201512019540 Date:11/23/2015 Time:1:43 PM
Doc Stamp-Deed:0.70
DC,P.DeWitt Cason,Columbia County Page 1 of 2 B:1304 P:2565

WARRANTY DEED

THIS WARRANTY DEED, made this 15th day of October, 2015, between **BRADFORD ZOELLER and REBECCA A. ZOELLER,** trustees of the **BRADFORD ZOELLER and REBECCA A. ZOELLER JOINT REVOCABLE TRUST, dated August 3, 2006,** whose mailing address is 202 SW Challenger Lane, Lake City, Florida, 32025 (herein "Grantors"), and **BRADFORD ZOELLER and REBECCA A. ZOELLER,** Trustees or their successors in trust, under the **BRADFORD ZOELLER LIVING TRUST, dated September 10, 2015,** and any amendments thereto, whose mailing address is 202 SW Challenger Lane, Lake City, Florida, 32025 ("Grantees").

The terms "Grantors," "Grantees," and "Trustees" shall include their respective heirs, devisees, personal representatives, successors, and assigns; any gender shall include all genders, the plural number shall include the singular and the singular number shall include the plural.

WITNESSETH:

That said Grantor, for and in consideration of the sum of $10.00, and other good and valuable consideration, the receipt of which is hereby acknowledged, does hereby grant and convey to Grantees forever the following described property in **COLUMBIA County**, Florida:

Lot 12, Country Landings, according to the map or plat thereof as recorded in Plat Book 6, page 90, public records of Columbia County, Florida.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any. The **subject property is not the homestead** of the Grantor, the Grantor's spouse, or the Grantor's children, if any.

TOGETHER WITH all the tenements, hereditaments, privileges, rights, interests, reversions, remainders, appurtenances, and easements in any way appertaining to the said property.

TO HAVE AND TO HOLD the said described property, in trust, upon the conditions and for the uses and purposes set out in the said Trust Agreement, to which reference is made, and it is made a part hereof by reference.

The Trustees, and their successors, are hereby conferred with full power and authority to protect and conserve said property; to sell, contract to sell, and grant options to purchase said property and any rights, title or interest therein on any terms; to exchange said property or any part thereof for any other real or personal property upon any terms; to convey said property by deed or other conveyance to any person or entity, with or without consideration; to mortgage, pledge or otherwise encumber said property or any part thereof; to lease,

grant options to lease and renew, extend, amend and otherwise modify leases on said property or any part thereof from time to time, for any period of time, for any rental and upon any other terms and conditions; to release, convey or assign any other right, title or interest whatsoever, in, to or about said property or any part thereof, and otherwise to manage and dispose of the above property as Trustee under the provisions of Section 689.071, Florida Statutes (or any successor statute).

No party dealing with said Trustee in relation to said property in any manner whatsoever, shall be (a) obliged to see to the application of any purchase money, rent, or money borrowed or otherwise advanced on said property, (b) obliged to see that the terms of the trust have been complied with (c) obliged to inquire into the authority, necessity or expedience of any act of said Trust or Trustee, or (d) privileged to inquire into any of the terms of the Trust Agreement. Every deed, mortgage, lease or other instrument executed by the then current Trustee in relation to said property shall be conclusive evidence in favor of every person claiming any right, title or interest thereunder: (a) that at the time of the delivery thereof the Trust was in full force and effect, (b) that such instrument was executed in accordance with the terms and conditions hereof and of the Trust Agreement and is binding upon all beneficiaries thereunder, (c) that said Trustee was duly authorized and empowered to execute and deliver such instrument, and (d) that (upon filing an affidavit stating that they are the current Trustee) any successor Trustee has been properly appointed and is fully vested with all the title, estate, rights, powers, duties and obligations of their predecessor in trust.

The interest of every beneficiary under said Trust Agreement and of all persons claiming under any of them shall be only in the earnings, avails and proceeds arising from the rental, sale or other disposition of said property. Such interest is hereby declared to be personal property, and no beneficiary thereunder shall have any right, title or interest, legal or equitable, in or to said property, as such, but only an interest in the earnings, avails and proceeds.

Grantor hereby covenants with said Grantees that the Grantor is lawfully seized of said land in fee simple; that the Grantor has good right and lawful authority to sell and convey said land; that the Grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever.

This document was prepared with a property description furnished to the preparer, and without the benefit of a survey, or any title search. The parties, their heirs, successors, or assigns hereby agree to indemnify and hold harmless the preparer for any damages including reasonable attorney fees resulting from an inaccurate or improper legal description.

IN WITNESS WHEREOF, the said Grantors have executed this deed on the day and year first above written. Signed, sealed and delivered in our presence:

Shana R. Teems Miller, Witness

Angela H. Cranford, Witness

(SEAL)
BRADFORD ZOELLER, Trustee

(SEAL)
REBECCA A. ZOELLER, Trustee

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 15th day of October, 2015, by **BRADFORD ZOELLER and REBECCA A. ZOELLER**, Trustees of the **BRADFORD ZOELLER and REBECCA A. ZOELLER JOINT REVOCABLE TRUST, dated August 3, 2006,** who are personally known to me and who did not take an oath.

Shana R. Teems Miller,
NOTARY PUBLIC, STATE OF FLORIDA

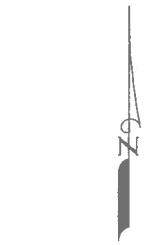
SHANA R. TEEMS MILLER
Notary Public - State of Florida
My Comm. Expires Jan 24, 2019
Commission # FF 164796
Bonded through National Notary Assn.

SHANA R. TEEMS MILLER
Notary Public - State of Florida
My Comm. Expires Jan 24, 2019
Commission # FF 164796
Bonded through National Notary Assn.

MAP OF SURVEY

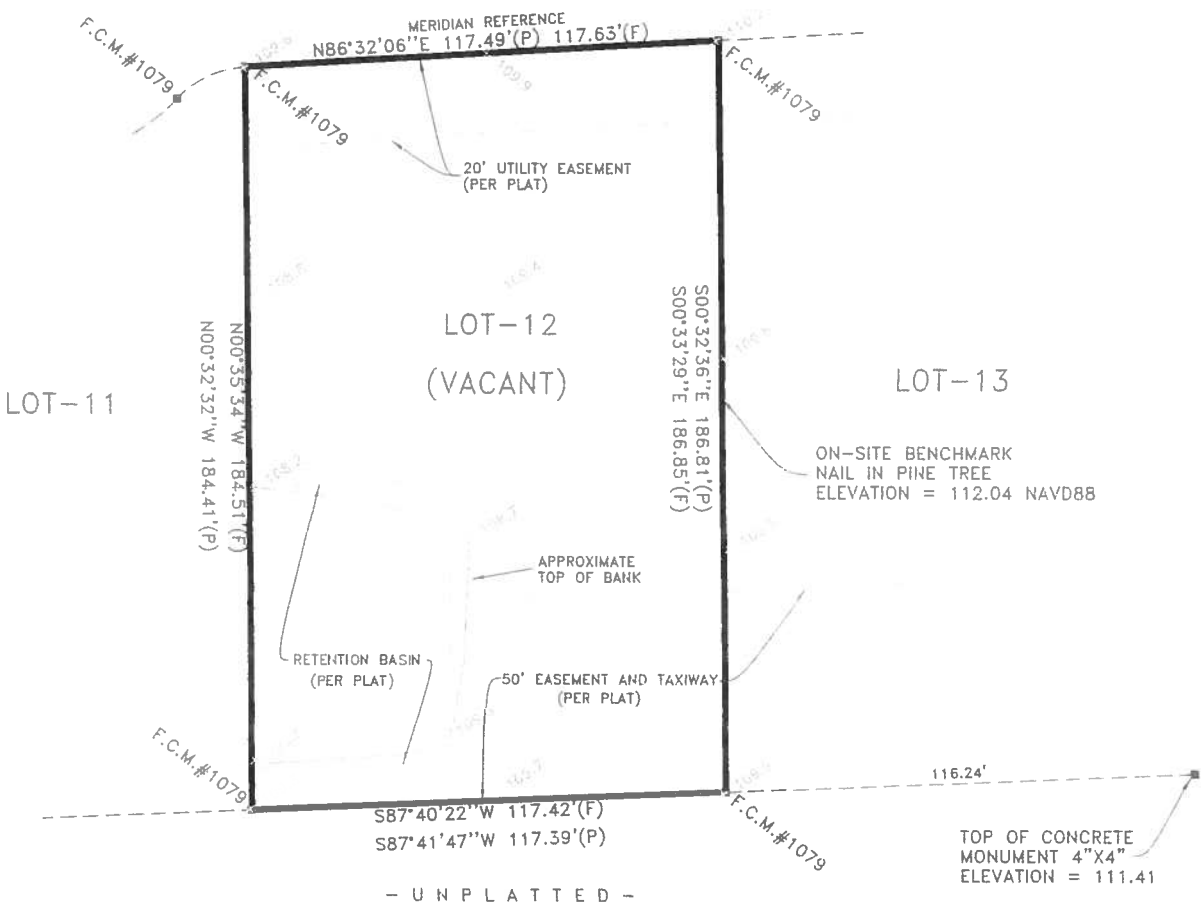
MERIDIAN PER
RECORD PLAT

BENCHMARK REFERENCE
F.D.O.T. BM I-75-A-3
ELEVATION = 170.30 NAVD88



GRAPHIC SCALE
0 15 30 60
(IN FEET)
1 INCH = 30 '

PRIVATE ROAD (PER PLAT)
CHALLENGER ROAD
WINGS ROAD (PER PLAT)
ASPHALT PAVEMENT 60' R/W (PER PLAT)



- UNPLATTED -

LEGEND

F. = Found
S. = Set
I.P. = Iron Pipe
I.R. = Iron Rod
C.M. = Concrete Monument
C. = Capped
N.& D.= Nail & Disk
P.K.N.= P.K. Nail
R.R.S.= Railroad Spike
(P) = Plat
(F) = Field
(D) = Deed
(C) = Calculated
= Power Pole
OHW = Overhead Wires
W/C = Witness Corner

NOTES:

1) Darrell Copeland as the certifying Land Surveyor accepts no responsibility for right-of-way, easements, restrictions or other matters affecting title to lands surveyed, other than those recited in current deed and/or other instruments of record furnished by client.
2) Underground encroachments if any not located.
3) *This survey was prepared expressly for the persons and/or entities named and only for the original purpose. No other person or entity is entitled to use this survey for any purpose whatsoever without the express written consent of Darrell Copeland.*

ELEVATION NOTE:
All elevations shown hereon are in feet and refer to NAVD88.

PER THE FEDERAL INSURANCE ADMINISTRATION FLOOD HAZARD BOUNDARY MAP COMMUNITY NO. 12023C, PANEL NO. 0293C, DATED 2-4-09, THE PROPERTY SHOWN AND DESCRIBED HEREON APPEARS TO BE IN ZONE "AE", WITH A BASE ELEVATION OF 110.0' MEAN SEA LEVEL N.A.V.D. 1988.

DESCRIPTION: AS FURNISHED
Lot 12,
COUNTRY LANDINGS

as Recorded in Plat Book 6, Page 90, of the Public Records of Columbia County, Florida

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

BOUNDARY SURVEY 1-10-17
TOPOGRAPHIC SURVEY 2-14-17

I CERTIFY THAT THIS PLAT MEETS OR EXCEEDS THE MINIMUM STANDARD REQUIREMENTS OF CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE. PURSUANT TO CHAPTER 472

DARRELL COPELAND

FLA. REG. SURVEYOR #4529 DATE 2-10-17

BOOK WS4 PAGE - JOB NO 17-008

CERTIFIED TO:
BRADFORD LIVING TRUST
LAW OFFICE OF RICHARD E. STADLER, P.A.
FIRST AMERICAN TITLE INSURANCE CO.

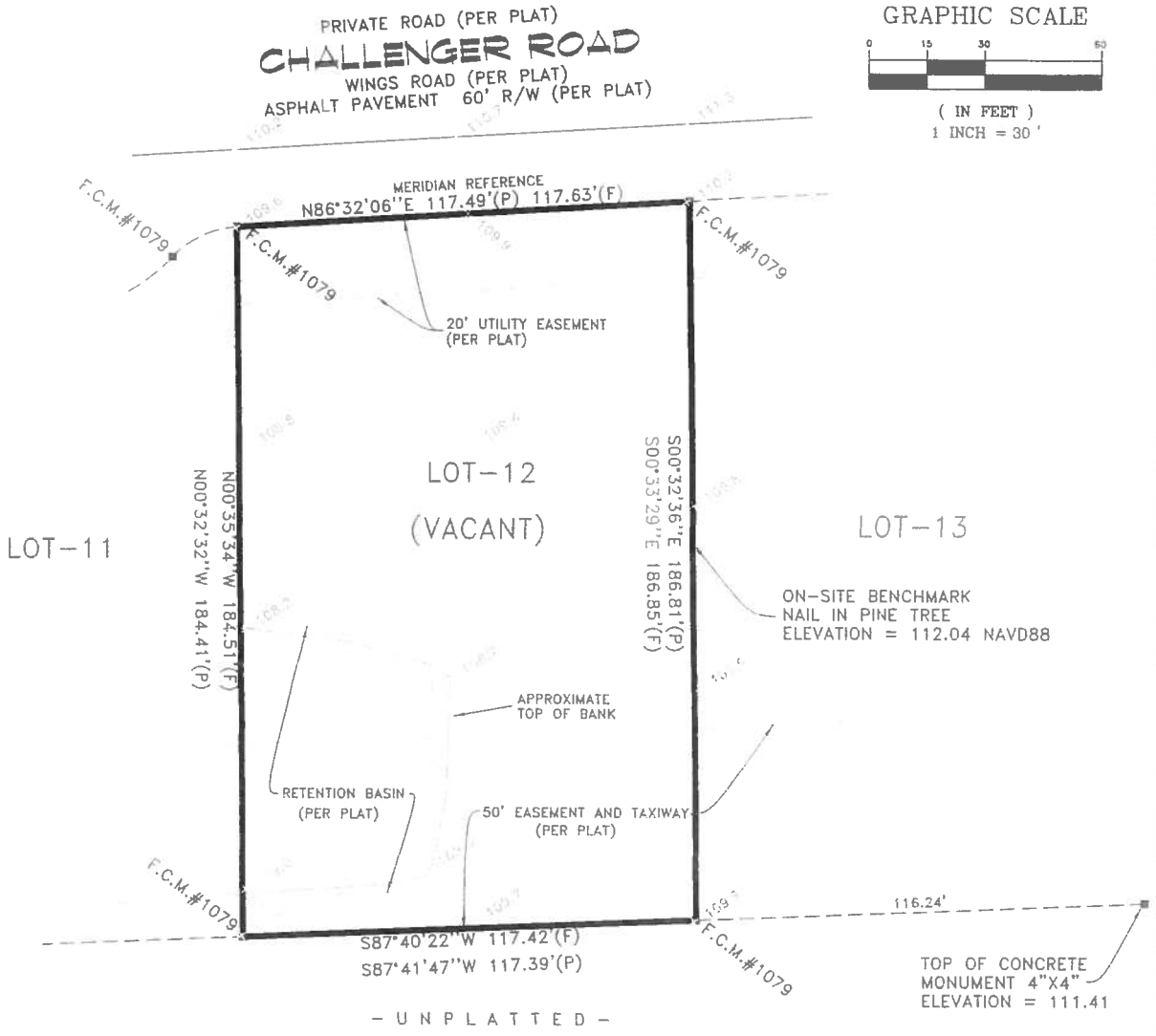
DARRELL COPELAND SURVEYING, INC.
7910 180TH STREET
McALPIN, FLORIDA 32062
(386) 209-4343 desurveyl@aol.com

DATE	C. OF P.	DWG.	CHECKED	FILE
2-10-17	DWC	DC	SC	B-

MAP OF SURVEY

MERIDIAN PER
RECORD PLAT

BENCHMARK REFERENCE
F.D.O.T. BM I-75-A-3
ELEVATION = 170.30 NAVD88



GRAPHIC SCALE

0 15 30 60

(IN FEET)
1 INCH = 30 '

LEGEND

F. = Found
S. = Set
I.P. = Iron Pipe
I.R. = Iron Rod
C.M. = Concrete Monument
C. = Capped
N.& D.= Nail & Disk
P.K.N.= P.K. Nail
R.R.S.= Railroad Spike
(P) = Plat
(F) = Field
(D) = Deed
(C) = Calculated
= Power Pole
OHW = Overhead Wires
W/C = Witness Corner

NOTES:

1) Darrell Copeland as the certifying Land Surveyor accepts no responsibility for right-of-way, easements, restrictions or other matters affecting title to lands surveyed, other than those recited in current deed and/or other instruments of record furnished by client.
2) Underground encroachments if any not located.
3) *This survey was prepared expressly for the persons and/or entities named and only for the original purpose. No other person or entity is entitled to use this survey for any purpose whatsoever without the express written consent of Darrell Copeland.*

ELEVATION NOTE:
All elevations shown hereon are in feet and refer to NAVD88.

PER THE FEDERAL INSURANCE ADMINISTRATION FLOOD HAZARD BOUNDARY MAP COMMUNITY NO. 12023C, PANEL NO. 0293C, DATED 2-4-09, THE PROPERTY SHOWN AND DESCRIBED HEREON APPEARS TO BE IN ZONE "AE", WITH A BASE ELEVATION OF 110.0' MEAN SEA LEVEL N.A.V.D. 1988.

DESCRIPTION: AS FURNISHED
Lot 12,
COUNTRY LANDINGS

as Recorded in Plat Book 6, Page 90, of the Public Records of Columbia County, Florida

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

BOUNDARY SURVEY 1-10-17

TOPOGRAPHIC SURVEY 2-14-17

I CERTIFY THAT THIS PLAT MEETS OR EXCEEDS THE MINIMUM STANDARD REQUIREMENTS OF CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE. PURSUANT TO CHAPTER 472

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(386) 209-4343 desurveyl@aol.com

DATE	C. OF P.	DWG.	CHECKED	FILE
2-10-17	DWC	DC	SC	B-

.egend

Columbia County, FLA - Building & Zoning Property Map

Printed: Wed Feb 08 2017 15:40:37 GMT-0500 (Eastern Standard Time)

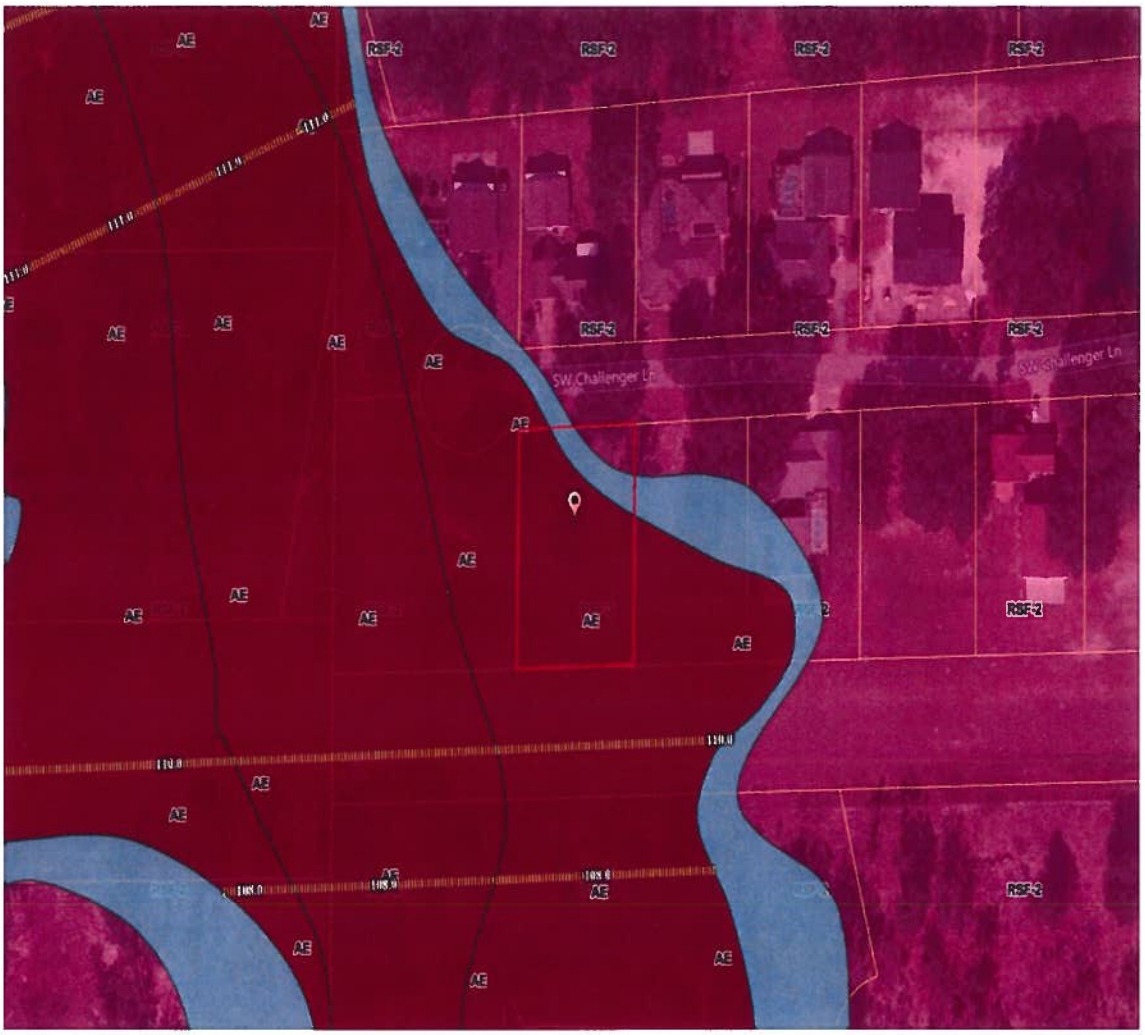
County Districts

Official Zoning Atlas
- others
- A-1
- A-2
- A-3
- CG
- CHI
- CI
- CN
- CSV
- ESA-2
- I
- ILW
- MUD-I
- PRD
- PRRD
- RMF-1
- RMF-2
- RO
- RR
- RSF-1
- RSF-2
- RSF-3
- RSF/MH-1
- RSF/MH-2
- RSF/MH-3
- DEFAULT

Base Flood Elevations
- DEFAULT
- Base Flood Elevations

Flood Zones
- 0.2 PCT ANNUAL CHANCE
- A
- AE
- AH

Parcels



Parcel Information

Parcel No: 07-4S-17-08106-112

Owner: ZOELLER BRADFORD & REBECCA A

Subdivision: COUNTRY LANDINGS

Lot: 12

Acres: 0.50027

Deed Acres:

District: 5 Tim Murphy (386)-758-1005 or (386)-961-1330

Future Land Uses: Residential - Low

Flood Zones: AE, 0.2 PCT ANNUAL CHANCE FLOOD HAZARD,

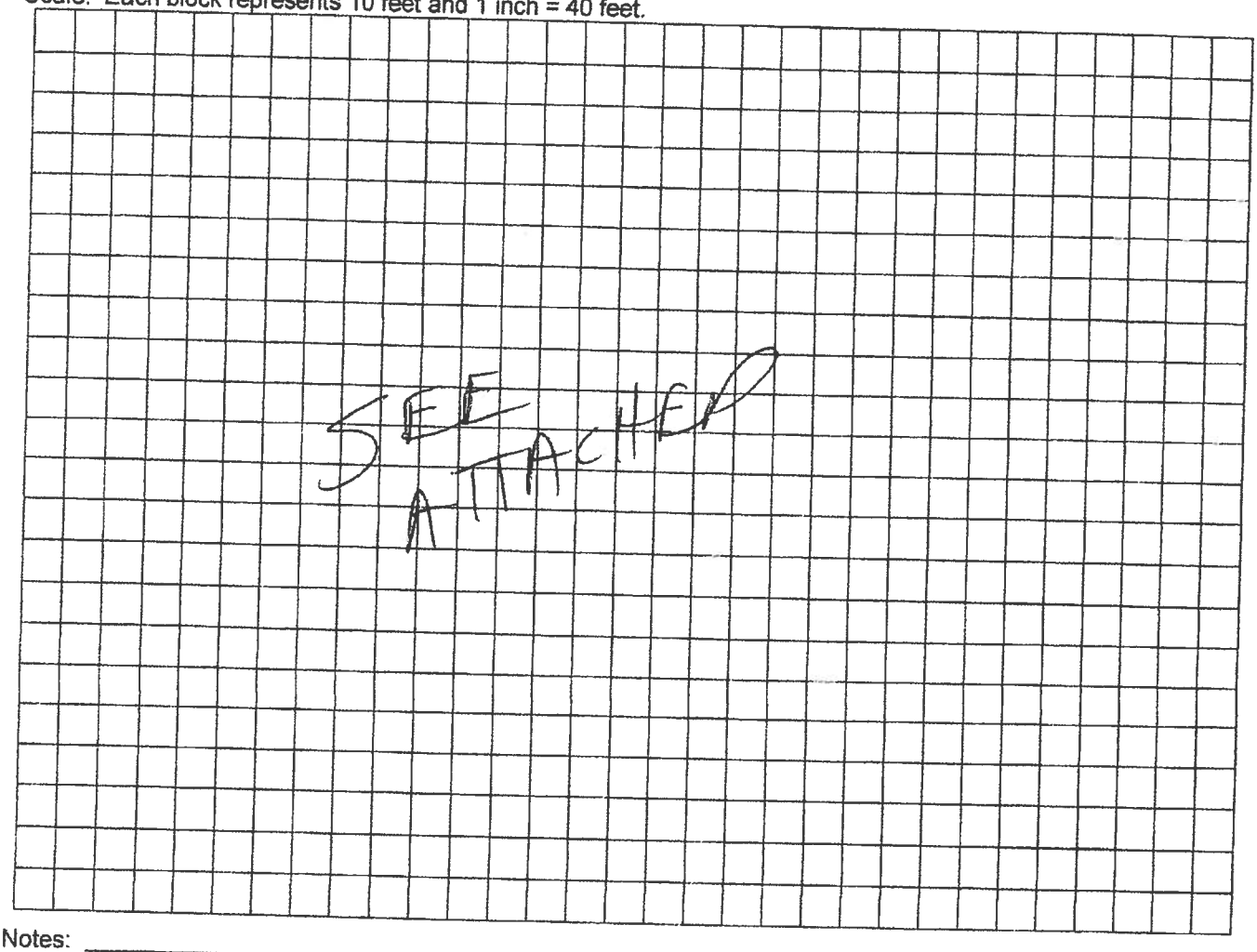
Official Zoning Atlas: RSF-2

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR CONSTRUCTION PERMIT

Permit Application Number 17-0075-N

---------- PART II - SITEPLAN ----------

Scale: Each block represents 10 feet and 1 inch = 40 feet.



Notes: _____

Site Plan submitted by: Elliot Branson / Walter C Harvard

Plan Approved X Not Approved ____ Date 3-1-17

By Sallie Ford - Env Health Director Columbia County Health Department

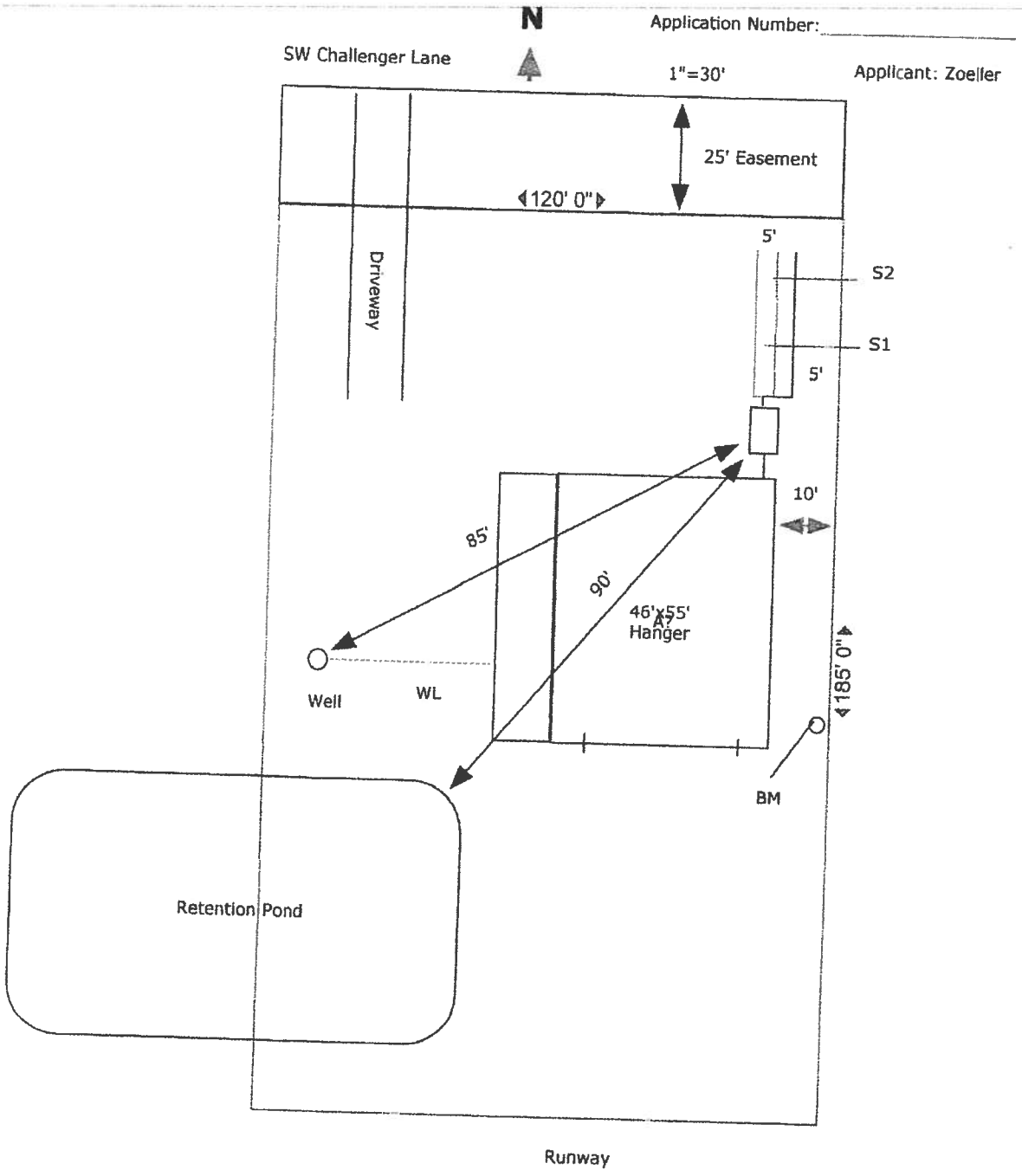
ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

State of Florida Department of Health

Application for Construction Permit
PartII Site Plan

Application Number: _____

Applicant: Zoeller



Notes: _____

Site Plan Submitted By: Elliot Bronson / Peter Hamm

Elliot Bronson 15-1789

Plan Approved _____ Not Approved _____ Date _____

By _____ County Health Dept

STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO. 1700251
DATE PAID: 2/1/17
FEE PAID: 310
RECEIPT #: 1273460

APPLICATION FOR:
[✓] New System [ ] Existing System [ ] Holding Tank [ ] Innovative
[ ] Repair [ ] Abandonment [ ] Temporary [ ] _____

APPLICANT: Bradford and Rebecca Zoeller

AGENT: Howard Septic Service Inc. TELEPHONE: 386-935-1518

MAILING ADDRESS: PO Box 180 Branford Fl 32008

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(m) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: 12 BLOCK: _____ SUBDIVISION: Country Landings PLATTED: _____

PROPERTY ID #: 07-4S-17-08106-112 ZONING: _____ I/M OR EQUIVALENT: [No]

PROPERTY SIZE: 0.50 ACRES WATER SUPPLY: [✓] PRIVATE PUBLIC [ ]<=2000GPD [ ]>2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [No] DISTANCE TO SEWER: _____ FT

PROPERTY ADDRESS: SW Challenger Lane

DIRECTIONS TO PROPERTY: from Lake City take SW Main south and turn right on SW SR 47. Turn right SW Marvin Burnett. Turn left on SW Deanna Terrace. Left On SW Wings Terrace. Right on SW Challenger Lane. Last lot on left.

BUILDING INFORMATION [✓] RESIDENTIAL [ ] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	Hanger / Storage	0	2530	Revised floorplan
2				rcvd 2-1-17
3				
4				

[ ] Floor/Equipment Drains [ ] Other (Specify) _____

SIGNATURE: Felicia C Howard DATE: 2/1/17

DH 4015, 08/09 (Obsoletes previous editions which may not be used)
Incorporated 64E-6.001, FAC

Columbia County Building Department
Flood Development Permit

Development Permit
F 023- 17-004

DATE 03/02/2017 BUILDING PERMIT NUMBER 000034998

APPLICANT ROBERT J. HOAG PHONE 954.444.7941

ADDRESS 6509 264TH STREET BRANFORD FL 32008

OWNER BRADFORD ZOELLER PHONE 954.444.7941

ADDRESS 288 SW CHALLENGER LN LAKE CITY FL 32025

CONTRACTOR TABITHA SIBEL PHONE 386.935.6812

ADDRESS 6509 264TH STREET BRANFORD FL 32008

SUBDIVISION COUNTRY LANDINGS Lot 12 Block ____ Unit ____ Phase ____

TYPE OF DEVELOPMENT HANGAR/UTILITY PARCEL ID NO. 07-4S-17-08106-112

FLOOD ZONE AE BY BMS 2-4-2009 FIRM COMMUNITY # 120070 - PANEL # 293-C

FIRM 100 YEAR ELEVATION 110.00 ' PLAN INCLUDED YES or NO

REQUIRED LOWEST HABITABLE FLOOR ELEVATION 111.00 '

IN THE REGULATORY FLOODWAY YES or (NO) RIVER N/A

SURVEYOR / ENGINEER NAME CURTIS KEEN, PE LICENSE NUMBER 23836

✓ ONE FOOT RISE CERTIFICATION INCLUDED

_____ ZERO RISE CERTIFICATION INCLUDED

_____ SRWMD PERMIT NUMBER _____
(INCLUDING THE ONE FOOT RISE CERTIFICATION)

DATE THE FINISHED FLOOR ELEVATION CERTIFICATE WAS PROVIDED _____

INSPECTED DATE _____ BY _____

COMMENTS _____

_____

135 NE Hernando Ave., Suite B-21
Lake City, Florida 32055
Phone: 386-758-1008
Fax: 386-758-2160

PERMIT EXPIRES ONE YEAR FROM THE DATE OF ISSUANCE

COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2014 EFFECTIVE 1 JULY 2015
AND THE NATIONAL ELECTRICAL 2011 EFFECTIVE 1 JULY 2015

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT 2014 FLORIDA BUILDING CODES RESIDENTIAL, EFFECTIVE 1 JULY 2015. NATIONAL ELECTRICAL CODE 2011 EFFECTIVE 1 JULY 2015. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FLORIDA BUILDING CODE FIGURE 1609-A THROUGH 1609-C ULTIMATE DESIGN WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER STRUCTURES
Revised 7/1/15

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL			Items to Include- Each Box shall be Circled as Applicable		
				Yes	**No**	**N/A**
1	Two (2) complete sets of plans containing the following:			✓		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void					
3	**Condition space (Sq. Ft.)**	0	**Total (Sq. Ft.) under roof** ~~2230~~ 2530	IIIIIIII	IIIIIIII	IIIII

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

Site Plan information including:

4	Dimensions of lot or parcel of land	✓		
5	Dimensions of all building set backs	✓		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	✓		
7	Provide a full legal description of property.	✓		

Wind-load Engineering Summary, calculations and any details are required.

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
8	**Plans or specifications must show compliance with FBCR Chapter 3**	IIIIII	IIIII	IIIIII
		YES	**NO**	**N/A**
9	Basic wind speed (3-second gust), miles per hour	✓		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	✓		
11	Wind importance factor and nature of occupancy	✓		
12	The applicable internal pressure coefficient, Components and Cladding	✓		
13	The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component, cladding materials not specifally designed by the registered design professional.	✓		

Elevations Drawing including:

14	All side views of the structure	✓		
15	Roof pitch	✓		
16	Overhang dimensions and detail with attic ventilation	✓		
17	Location, size and height above roof of chimneys			✓
18	Location and size of skylights with Florida Product Approval			✓
18	Number of stories	✓		
20A	Building height from the established grade to the roofs highest peak	✓		

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer			
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers			
41	Girder type, size and spacing to load bearing walls, stem wall and/or priers			
42	Attachment of joist to girder			
43	Wind load requirements where applicable			
44	Show required under-floor crawl space			
45	Show required amount of ventilation opening for under-floor spaces			
46	Show required covering of ventilation opening			
47	Show the required access opening to access to under-floor spaces			
48	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & intermediate of the areas structural panel sheathing			
49	Show Draftstopping, Fire caulking and Fire blocking			
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 302.6			
51	Provide live and dead load rating of floor framing systems (psf).			

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls			
53	Fastener schedule for structural members per table IRC 602.3 are to be shown			
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing			
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems			
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCB 2308.9.5			
57	Indicate where pressure treated wood will be placed			
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas			
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail			

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.1.7.1 Wood trusses			
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer			
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters			
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details			
64	Provide dead load rating of trusses			

FBCR 802:Conventional Roof Framing Layout

65	Rafter and ridge beams sizes, span, species and spacing			
66	Connectors to wall assemblies' include assemblies' resistance to uplift rating			
67	Valley framing and support details			
68	Provide dead load rating of rafter system			

FBCR 803 ROOF SHEATHING

69	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness			
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas			

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	**Building Permit Application** A current Building Permit Application is to be completed, by following the Checklist all supporting documents must be submitted. There is a **$15.00** application fee. The completed application with attached documents and application fee can be mailed.	✓		
93	**Parcel Number** The parcel number (Tax ID number) from the Property Appraisers Office (386) 758-1083 is required. A copy of property deed is also required. www.columbiacountyfla.com	✓		
94	**Environmental Health Permit or Sewer Tap Approval** A copy of a approved Columbia County Environmental Health (386) 758-1058	✓		
95	**City of Lake City** A City Water and/or Sewer letter. Call 386-752-2031	✓		✓
96	**Toilet facilities shall be provided for all construction sites**	✓		
97	**Town of Fort White** (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White, an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			✓
98	**Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations	✓		✓
99	**CERTIFIED FINISHED FLOOR ELEVATIONS** will be required on any project where the approved FIRM Flood Maps show the property is in a AE, Floodway, and AH flood zones. Additionally One Foot Rise letters are required for AE and AH zones. In the Floodway Flood zones a Zero Rise letter is required.	✓		
100	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is **$50.00**			
101	**Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (**$25.00**) must be made. County Public Works Dept. determines the size and length of every culvert before instillation and completes a final inspection before permanent power is granted. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (**$50.00**) Separate Check when issued. If the project is to be located on an F.D.O.T. maintained road, then an F.D.O.T. access permit is required.	✓		
102	**911 Address:** An application for a 911address must be applied for and **received** through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125.	✓		

Disclosure Statement for Owner Builders *If you as the applicant will be acting as an owner/builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.*

Notice Of Commencement

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code shall govern the administration and enforcement of the Florida Building Code, Residential.

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS	Jen - Weld	2 singe 3° DOORS	FL11861-R5
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS	American craftsman	Single Hung	FL 14911
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	Progressions	VINAL over VAPOR with	FL15065-5RO
B. SOFFITS	Progresions	Plywood	FL15065.5RO
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER	County Line.	29 GAuge metAL	4595.8R3
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR			
ENVELOPE PRODUCTS			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.
Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

Contractor OR Agent Signature — Date: 2/1/17

NOTES: _____

Lumber design values are in accordance with ANSI/TPI 1 section 6.3
These truss designs rely on lumber values established by others.

RE: Zoeller_Hanger - Zoeller Hanger

MiTek USA, Inc.
6904 Parke East Blvd.
Tampa, FL 33610-4115

Site Information:
Customer Info: RJH Project Name: Zoeller Hanger Model: .
Lot/Block: . Subdivision: .
Address: .
City: Lake City State: FL

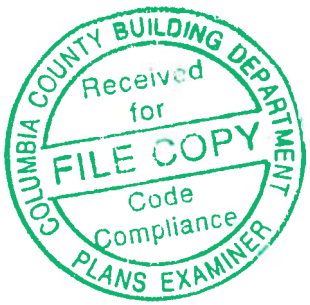
Name Address and License # of Structural Engineer of Record, If there is one, for the building.
Name: License #:
Address:
City: State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

Design Code: FBC2014/TPI2007 Design Program: MiTek 20/20 8.0
Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 40.0 psf Floor Load: N/A psf

This package includes 8 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

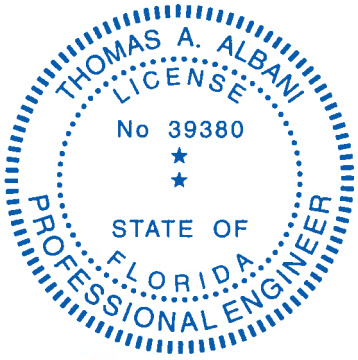
No.	Seal#	Truss Name	Date
1	T10386271	A1	2/7/17
2	T10386272	A2GE	2/7/17
3	T10386273	A3GE	2/7/17
4	T10386274	A4GE	2/7/17
5	T10386275	B1	2/7/17
6	T10386276	B2GE	2/7/17
7	T10386277	M1GE	2/7/17
8	T10386278	M2	2/7/17



The truss drawing(s) referenced above have been prepared by MiTek USA, Inc. under my direct supervision based on the parameters provided by Mayo Truss Company, Inc..

Truss Design Engineer's Name: Albani, Thomas
My license renewal date for the state of Florida is February 28, 2019.

IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to MiTek. Any project specific information included is for MiTek's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.



Thomas A. Albani PE No.39380
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

February 7,2017

Job	Truss	Truss Type	Qty	Ply	Zoeller Hanger	T10386271
ZOELLER_HANGER	A1	Common	19	1	Job Reference (optional)	

Mayo Truss, Mayo, Fl — 8.030 s Jan 23 2017 MiTek Industries, Inc. Tue Feb 07 13:37:57 2017 Page 1

ID:ZPI1bV1uBzpxXpz1K1g4Qgzp9wx-245R?bEe7FnvD2tr1krWJSpeuXkDjMZetkfU40znWFe

1-8-0	6-0-9	11-8-6	17-4-3	23-0-0	28-7-13	34-3-10	39-11-7	46-0-0	47-8-0
1-8-0	6-0-9	5-7-13	5-7-13	5-7-13	5-7-13	5-7-13	5-7-13	6-0-9	1-8-0

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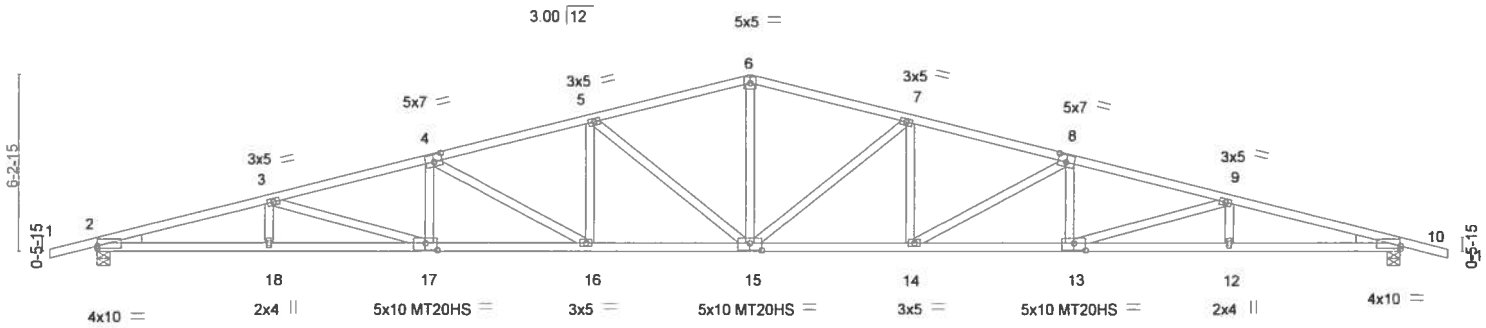

6-0-9	11-8-6	17-4-3	23-0-0	28-7-13	34-3-10	39-11-7	46-0-0
6-0-9	5-7-13	5-7-13	5-7-13	5-7-13	5-7-13	5-7-13	6-0-9

Plate Offsets (X,Y)— [2:0-0-0,0-1-2], [4:0-3-8,0-3-0], [8:0-3-8,0-3-0], [10:0-0-0,0-1-2], [13:0-5-0,0-3-0], [15:0-5-0,0-3-0], [17:0-5-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.87	Vert(LL)	-0.63	15	>873	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.95	Vert(TL)	-1.60	15-16	>346	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.97	Horz(TL)	0.36	10	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		Matrix-AS							Weight: 237 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except* 1-4,8-11: 2x4 SP No.1
BOT CHORD 2x4 SP SS
WEBS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3, Right: 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=1940/0-5-8, 10=1940/0-5-8
Max Horz 2=-52(LC 10)
Max Uplift 2=-40(LC 12), 10=-40(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-5687/451, 3-4=-5381/446, 4-5=-4578/408, 5-6=-3727/362, 6-7=-3727/362, 7-8=-4578/408, 8-9=-5381/446, 9-10=-5687/450
BOT CHORD 2-18=-375/5452, 17-18=-375/5452, 16-17=-343/5178, 15-16=-263/4400, 14-15=-267/4400, 13-14=-351/5178, 12-13=-393/5452, 10-12=-393/5452
WEBS 6-15=-72/1451, 7-15=-1084/112, 7-14=0/548, 8-14=-906/97, 8-13=0/330, 9-13=-364/47, 5-15=-1084/112, 5-16=0/548, 4-16=-906/97, 4-17=0/330, 3-17=-364/48

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=46ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Interior(1) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are MT20 plates unless otherwise indicated.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and ½" gypsum sheetrock be applied directly to the bottom chord.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	Zoeller Hanger	T10386272
ZOELLER_HANGER	A2GE	COMMON STRUCTURAL GA	1	1	Job Reference (optional)	

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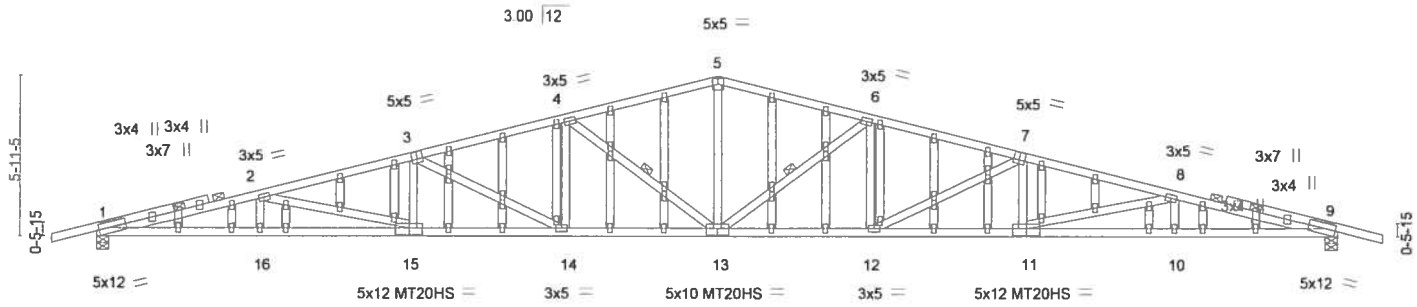
ID:ZPI1bV1uBzpxXpz1K1g4Qgzp9wx-wRakNfoxSrzMnBUkKWFLiJBNN1ZW0Wh4_BPZwwznVz0

1-8-0	6-0-9	11-8-6	17-4-3	23-0-0	28-7-13	34-3-10	39-11-7	46-0-0	47-8-0
1-8-0	6-0-9	5-7-13	5-7-13	5-7-13	5-7-13	5-7-13	5-7-13	6-0-9	1-8-0

Scale = 1:83.0



6-0-9	11-8-6	17-4-3	23-0-0	28-7-13	34-3-10	39-11-7	46-0-0
6-0-9	5-7-13	5-7-13	5-7-13	5-7-13	5-7-13	5-7-13	6-0-9

Plate Offsets (X,Y)– [1:0-3-12,0-2-7], [3:0-2-8,0-3-4], [7:0-2-8,0-3-4], [9:0-3-12,0-2-7], [11:0-6-0,0-3-0], [12:0-1-10,0-1-0], [13:0-5-0,0-3-0], [14:0-1-10,0-1-0], [15:0-6-0,0-3-0], [24:0-1-14,0-1-0], [27:0-1-14,0-1-0], [39:0-1-6,0-9-13], [39:0-4-0,0-8-3], [39:0-4-5,3-0-0], [39:0-2-0,3-0-0], [39:0-5-1,0-1-8], [49:0-1-14,0-1-0], [52:0-1-14,0-1-0], [62:0-5-6,0-0-2]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.73	Vert(LL)	-0.74	13	>743	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.93	Vert(TL)	-1.85	13-14	>295	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(TL)	0.47	9	n/a	n/a		
BCDL	10.0	Code	FBC2014/TPI2007	Matrix-MS							Weight: 311 lb	FT = 0%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 1-3,7-9: 2x4 SP SS
BOT CHORD	2x4 SP SS *Except* 11-13,13-15: 2x4 SP No.1
WEBS	2x4 SP No.2
OTHERS	2x4 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins. [PSA] Except: 2-2-0 oc bracing: 1-2, 8-9
BOT CHORD	Rigid ceiling directly applied or 9-5-7 oc bracing.
WEBS	1 Row at midpt 6-13, 4-13

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 1=1822/0-5-8, 9=1822/0-5-8
Max Horz 1=48(LC 11)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	1-2=-6824/552, 2-3=-5822/483, 3-4=-4823/431, 4-5=-3857/373, 5-6=-3857/373, 6-7=-4823/431, 7-8=-5822/483, 8-9=-6824/552
BOT CHORD	1-16=-504/6611, 15-16=-504/6611, 14-15=-399/5575, 13-14=-302/4640, 12-13=-302/4640, 11-12=-399/5575, 10-11=-504/6611, 9-10=-504/6611
WEBS	5-13=-83/1532, 6-13=-1185/125, 6-12=0/591, 7-12=-1051/109, 7-11=0/427, 8-11=-1036/113, 4-13=-1185/125, 4-14=0/591, 3-14=-1051/109, 3-15=0/427, 2-15=-1036/113

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=46ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Interior(1) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are MT20 plates unless otherwise indicated.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

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6904 Parke East Blvd
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	Zoeller Hanger
ZOELLER_HANGER	A3GE	Common Structural Gable	1	2	T10386273

Job Reference (optional)

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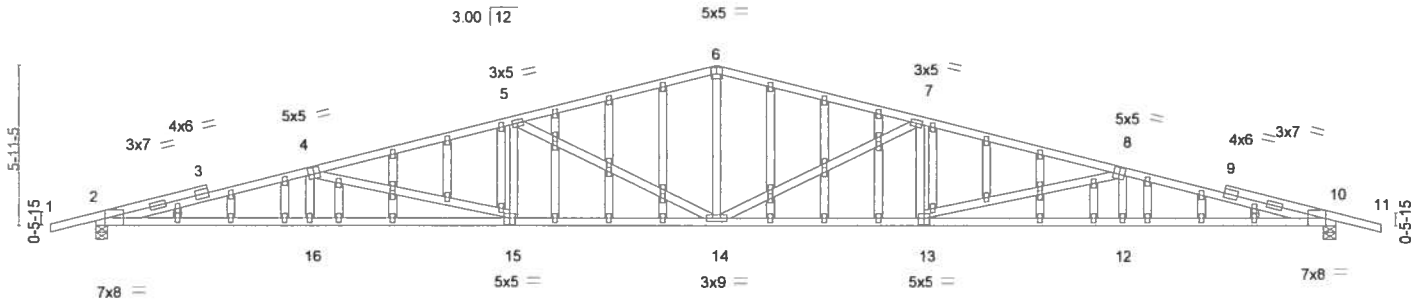
ID:ZPI1bV1uBzpxXpz1K1g4Qgzp9wx-7LFmjfZozjKJJ5knRFrcnubvYd5tw640m6A2DLznW97

1-8-0	7-11-3	15-5-9	23-0-0	30-6-7	38-0-13	46-0-0	47-8-0
1-8-0	7-11-3	7-6-7	7-6-7	7-6-7	7-6-7	7-11-3	1-8-0

Scale = 1:83.0



7-11-3	15-5-9	23-0-0	30-6-7	38-0-13	46-0-0
7-11-3	7-6-7	7-6-7	7-6-7	7-6-7	7-11-3

Plate Offsets (X,Y)-- [2:0-0-7,Edge], [4:0-2-8,0-3-0], [8:0-2-8,0-3-0], [10:0-0-7,Edge], [13:0-2-8,0-3-0], [15:0-2-8,0-3-0], [17:0-1-14,0-1-0], [21:0-1-14,0-1-0], [24:0-1-14,0-1-0], [31:0-1-9,0-1-0], [42:0-1-14,0-1-0], [48:0-1-14,0-1-0], [51:0-1-14,0-1-0], [58:0-1-9,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.88	Vert(LL)	-0.48	14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.82	Vert(TL)	-1.21	14-15	>451	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.38	Horz(TL)	0.26	10	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		Matrix-AS							Weight: 592 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except* 1-3,9-11: 2x4 SP No.1
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
OTHERS 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (lb/size) 2=1935/0-5-8, 10=1935/0-5-8
Max Horz 2=50(LC 11)
Max Uplift 2=-46(LC 12), 10=-46(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-3=-6327/483, 3-4=-6335/497, 4-5=-5208/437, 5-6=-3875/359, 6-7=-3875/359, 7-8=-5208/437, 8-9=-6335/497, 9-10=-6327/483
BOT CHORD 2-16=-419/6170, 15-16=-424/6167, 14-15=-320/4983, 13-14=-326/4983, 12-13=-444/6167, 10-12=-439/6170
WEBS 6-14=-39/1421, 7-14=-1441/152, 7-13=0/563, 8-13=-1212/124, 5-14=-1441/152, 5-15=0/563, 4-15=-1212/125

NOTES-

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
   Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
   Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=46ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Interior(1) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
5) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 46 lb uplift at joint 2 and 46 lb uplift at joint 10.
11) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and ½" gypsum sheetrock be applied directly to the bottom chord.

Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	Zoeller Hanger
ZOELLER_HANGER	A3GE	Common Structural Gable	1	2	T10386273

Job Reference (optional)

LOAD CASE(S) Standard

MiTek
6904 Parke East Blvd.
Tampa, FL. 36610

Job	Truss	Truss Type	Qty	Ply	Zoeller Hanger
ZOELLER_HANGER	A4GE	Common Supported Gable	1	1	T10386274

Job Reference (optional)

Mayo Truss, Mayo, Fl

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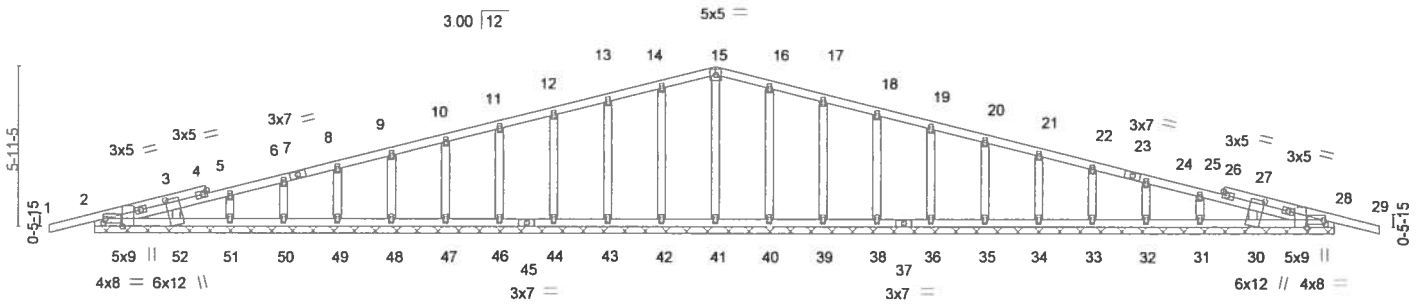

46-0-0

46-0-0

Plate Offsets (X,Y)— [2:0-3-8,Edge], [2:0-1-0,0-2-0], [3:0-0-0,0-1-13], [27:0-0-0,0-1-13], [28:0-1-0,0-2-0], [28:0-3-8,Edge], [30:0-1-9,2-3-5], [52:0-1-9,2-3-5]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.17	Vert(LL)	-0.01	29	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.06	Vert(TL)	-0.01	29	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.00	28	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		Matrix-S							Weight: 242 lb	FT = 0%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
OTHERS	2x4 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 46-0-0.

(lb) - Max Horz 2=50(LC 11)

Max Uplift All uplift 100 lb or less at joint(s) 2, 42, 43, 44, 46, 47, 48, 49, 50, 51, 40, 39, 38, 36, 35, 34, 33, 32, 31, 28

Max Grav All reactions 250 lb or less at joint(s) 2, 41, 42, 43, 44, 46, 47, 48, 49, 50, 51, 52, 40, 39, 38, 36, 35, 34, 33, 32, 31, 30, 28

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=46ft; eave=2ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Interior(1) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 42, 43, 44, 46, 47, 48, 49, 50, 51, 40, 39, 38, 36, 35, 34, 33, 32, 31, 28.

MiTek

6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	Zoeller Hanger	T10386275
ZOELLER_HANGER	B1	Common	7	1	Job Reference (optional)	

Mayo Truss, Mayo, Fl 8.030 s Jan 23 2017 MiTek Industries, Inc. Tue Feb 07 13:38:05 2017 Page 1
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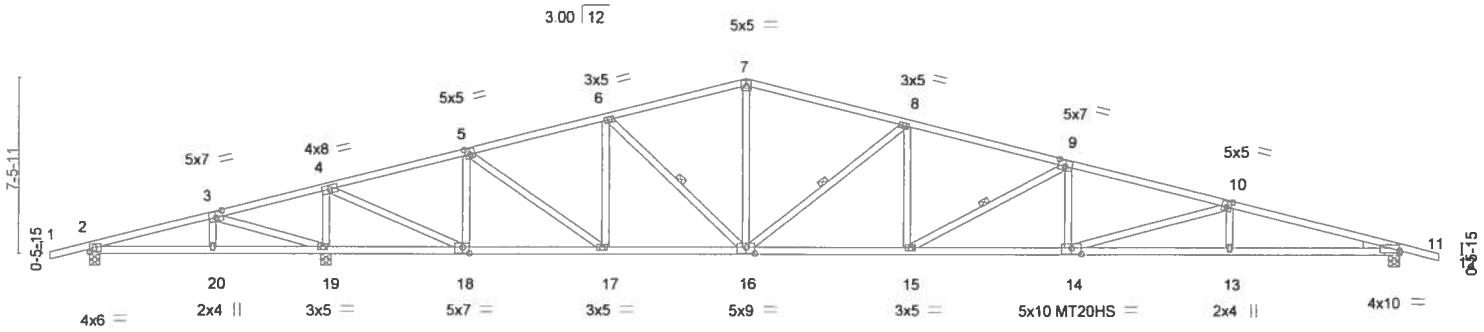
1-8-0	5-2-12	10-0-12	16-0-3	21-11-9	27-11-0	34-9-9	41-8-2	48-6-11	55-10-0	57-6-0
1-8-0	5-2-12	4-10-0	5-11-7	5-11-7	5-11-7	6-10-9	6-10-9	6-10-9	7-3-5	1-8-0

Scale: 1/8"=1'



5-2-12	10-0-12	16-0-3	21-11-9	27-11-0	34-9-9	41-8-2	48-6-11	55-10-0
5-2-12	4-10-0	5-11-7	5-11-7	5-11-7	6-10-9	6-10-9	6-10-9	7-3-5

Plate Offsets (X,Y)— [3:0-3-8,0-3-0], [5:0-2-8,0-3-0], [9:0-3-8,0-3-0], [10:0-2-8,0-3-0], [11:0-0-0,0-1-2], [14:0-5-0,0-3-0], [16:0-4-8,0-3-0], [18:0-3-4,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.88	Vert(LL)	-0.46	13-14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	1.00	Vert(TL)	-1.18	13-14	>465	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.80	Horz(TL)	0.19	11	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		Matrix-AS							Weight: 293 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
10-12: 2x4 SP No.1
BOT CHORD 2x4 SP No.2 *Except*
11-14: 2x4 SP SS
WEBS 2x4 SP No.2
WEDGE
Right: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 6-16, 8-16, 9-15

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=-133/0-5-4, 19=3009/0-5-8, 11=1791/0-5-8
Max Horz 2=67(LC 11)
Max Uplift 2=-278(LC 22), 19=-96(LC 12), 11=-38(LC 12)
Max Grav 2=59(LC 21), 19=3009(LC 1), 11=1791(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=0/1492, 3-4=-266/2398, 4-5=-980/69, 5-6=-2130/205, 6-7=-2368/255, 7-8=-2378/253, 8-9=-3466/312, 9-10=-4510/364, 10-11=-5204/396
BOT CHORD 2-20=-1399/0, 19-20=-1411/0, 18-19=-2294/319, 17-18=0/991, 16-17=-31/2025, 15-16=-149/3314, 14-15=-255/4308, 13-14=-338/4981, 11-13=-334/4983
WEBS 3-19=-929/421, 4-19=-2618/297, 4-18=-283/3534, 5-18=-1386/203, 5-17=-101/1277, 6-17=-630/127, 6-16=-9/485, 7-16=-7/754, 8-16=-1367/143, 8-15=0/692, 9-15=-1140/121, 9-14=0/449, 10-14=-718/91

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=56ft; eave=7ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Interior(1) zone; cantilever left and right exposed ; end vertical left and right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are MT20 plates unless otherwise indicated.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 19, 11 except (jt=lb) 2=278.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and ½" gypsum sheetrock be applied directly to the bottom chord.

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	Zoeller Hanger
ZOELLER_HANGER	B2GE	Common Supported Gable	1	1	T10386276

Job Reference (optional)

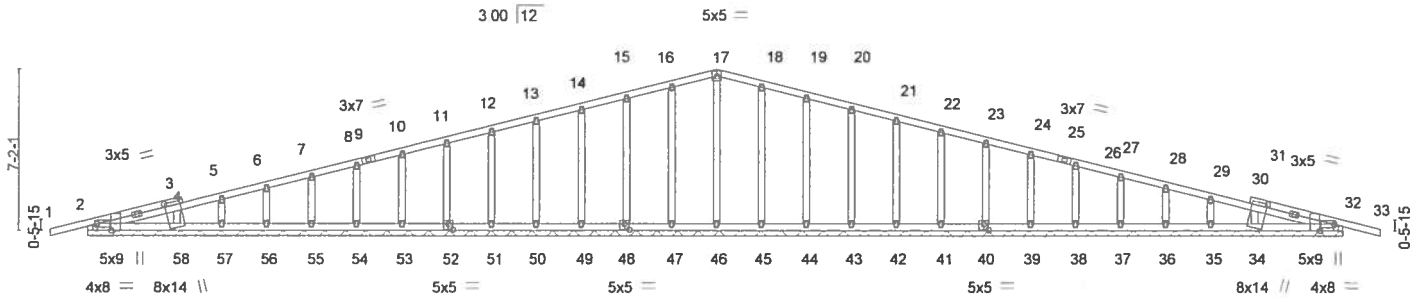
Mayo Truss, Mayo, Fl 8.030 s Jan 23 2017 MiTek Industries, Inc. Tue Feb 07 13:38:07 2017 Page 1

ID:ZPI1bV1uBzpxXpz1K1g4Qgzp9wx-I?iD50MvnK2UQaemdr0sjZEWOZMu35p6BH40QRznWFU

1-8-0 27-11-0 55-10-0 57-6-0

1-8-0 27-11-0 27-11-0 1-8-0

Scale = 1:99.6



55-10-0

55-10-0

Plate Offsets (X,Y)– [2:0-3-8,Edge], [2:0-1-0,0-2-0], [3:0-0-0,0-1-13], [31:0-0-0,0-1-13], [32:0-1-0,0-2-0], [32:0-3-8,Edge], [34:0-1-12,3-1-0], [40:0-2-8,0-3-0], [48:0-2-8,0-3-0], [52:0-2-8,0-3-0], [58:0-1-12,3-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.17	Vert(LL)	-0.01	33	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.10	Vert(TL)	-0.01	33	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(TL)	0.00	32	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		Matrix-S							Weight: 315 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 55-10-0.

(lb) - Max Horz 2=-64(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 45, 44, 43, 42, 41, 40, 39, 38, 37, 36, 35, 32
Max Grav All reactions 250 lb or less at joint(s) 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 45, 44, 43, 42, 41, 40, 39, 38, 37, 36, 35 except 2=261(LC 1), 58=261(LC 21), 34=261(LC 22), 32=262(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=56ft; eave=2ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Interior(1) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 45, 44, 43, 42, 41, 40, 39, 38, 37, 36, 35, 32.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 32.

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Job	Truss	Truss Type	Qty	Ply	Zoeller Hanger	T10386277
ZOELLER_HANGER	M1GE	Monopitch Supported Gable	1	1	Job Reference (optional)	

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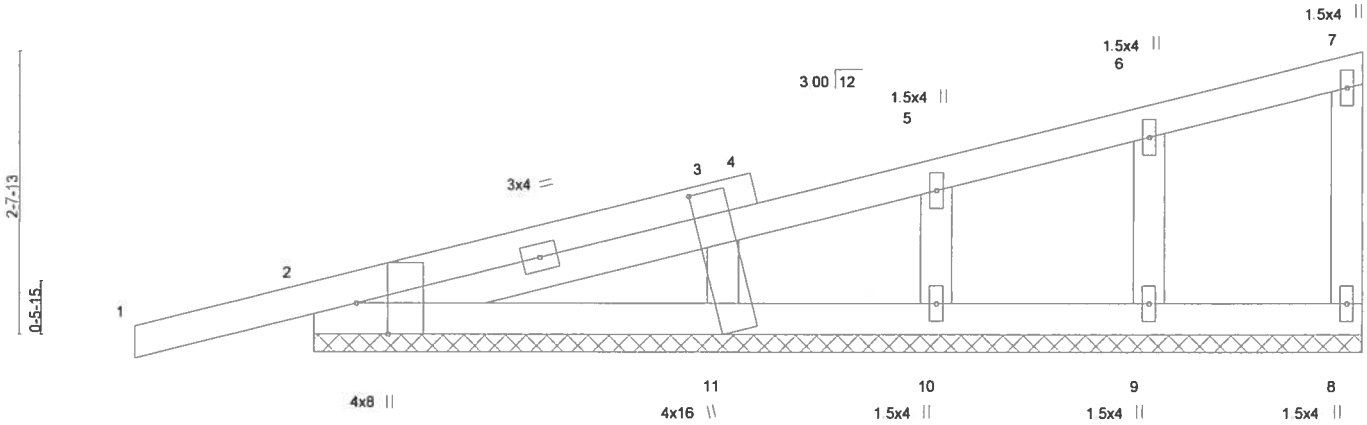
ID:ZPI1bV1uBzpxXpz1K1g4Qgzp9wx-DCGcJLMYYeAL2kCyAYX5Fmmh8yiCoZBFPxqZztznWFT

-1-8-0 9-10-0
1-8-0 9-10-0

Scale = 1:21.0



9-10-0
9-10-0

Plate Offsets (X,Y)— [2:0-3-8,Edge], [3:0-0-0,0-1-13], [11:0-2-10,3-3-3], [11:0-0-7,0-1-11]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.17	Vert(LL)	0.00	1	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.09	Vert(TL)	-0.00	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		Matrix-S							Weight: 46 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 9-10-0.
(lb) - Max Horz 2=69(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 2, 10
Max Grav All reactions 250 lb or less at joint(s) 8, 9, 10 except 2=257(LC 1), 11=257(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Interior(1) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Gable requires continuous bottom chord bearing.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10.

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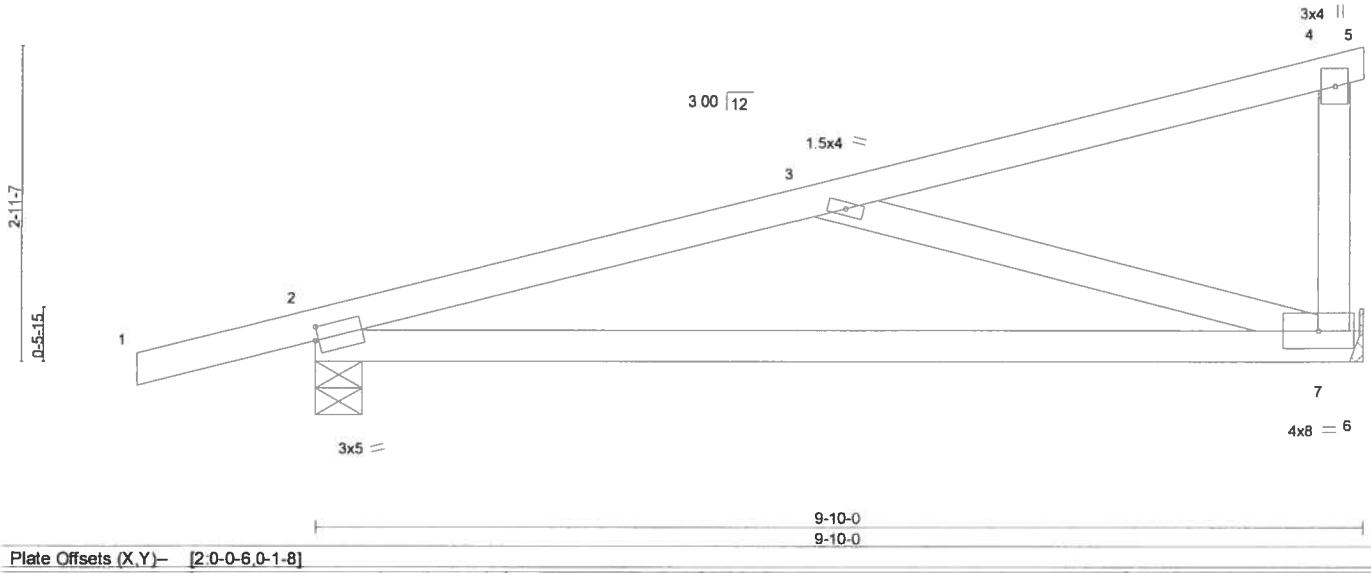
Job	Truss	Truss Type	Qty	Ply	Zoeller Hanger	T10386278
ZOELLER_HANGER	M2	Monopitch	20	1	Job Reference (optional)	

Mayo Truss, Mayo, Fl 8.030 s Jan 23 2017 MiTek Industries, Inc. Tue Feb 07 13:38:09 2017 Page 1
ID:ZPI1bV1uBzpxXpz1K1g4Qgzp9wx-hOq_WhNAIxlCfun9kG2Ko_JmZMwCXzrPebZ7VKznWFS

-1-8-0 4-11-10 9-10-0
1-8-0 4-11-10 4-10-6

Scale = 1:21.0



9-10-0
9-10-0

Plate Offsets (X,Y)— [2:0-0-6,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.57	Vert(LL)	0.28	7-10	>417	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.62	Vert(TL)	-0.38	7-10	>300	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.25	Horz(TL)	0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		Matrix-AS							Weight: 43 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=491/0-5-4, 7=385/Mechanical
Max Horz 2=78(LC 11)
Max Uplift 2=-125(LC 12), 7=-79(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-694/404
BOT CHORD 2-7=-472/655
WEBS 3-7=-597/349

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; End., GCpi=0.18; MWFRS (directional) and C-C Interior(1) zone; cantilever left and right exposed ; end vertical left and right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7 except (jt=lb) 2=125.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and ½" gypsum sheetrock be applied directly to the bottom chord.

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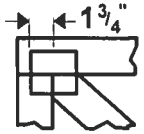
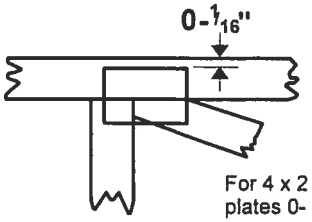
Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0- 1/16" from outside edge of truss.

This symbol indicates the required direction of slots in connector plates.

*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

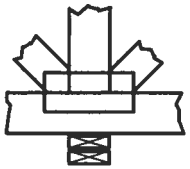
4 x 4

The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION

Indicated by symbol shown and/or by text in the bracing section of the output. Use T or I bracing if indicated.

BEARING

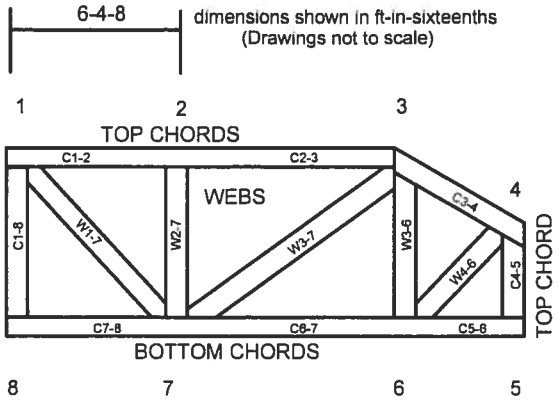


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ESR1988
ER-3907, ESR-2362, ESR-1397, ESR-3282

Trusses are designed for wind loads in the plane of the truss unless otherwise shown.

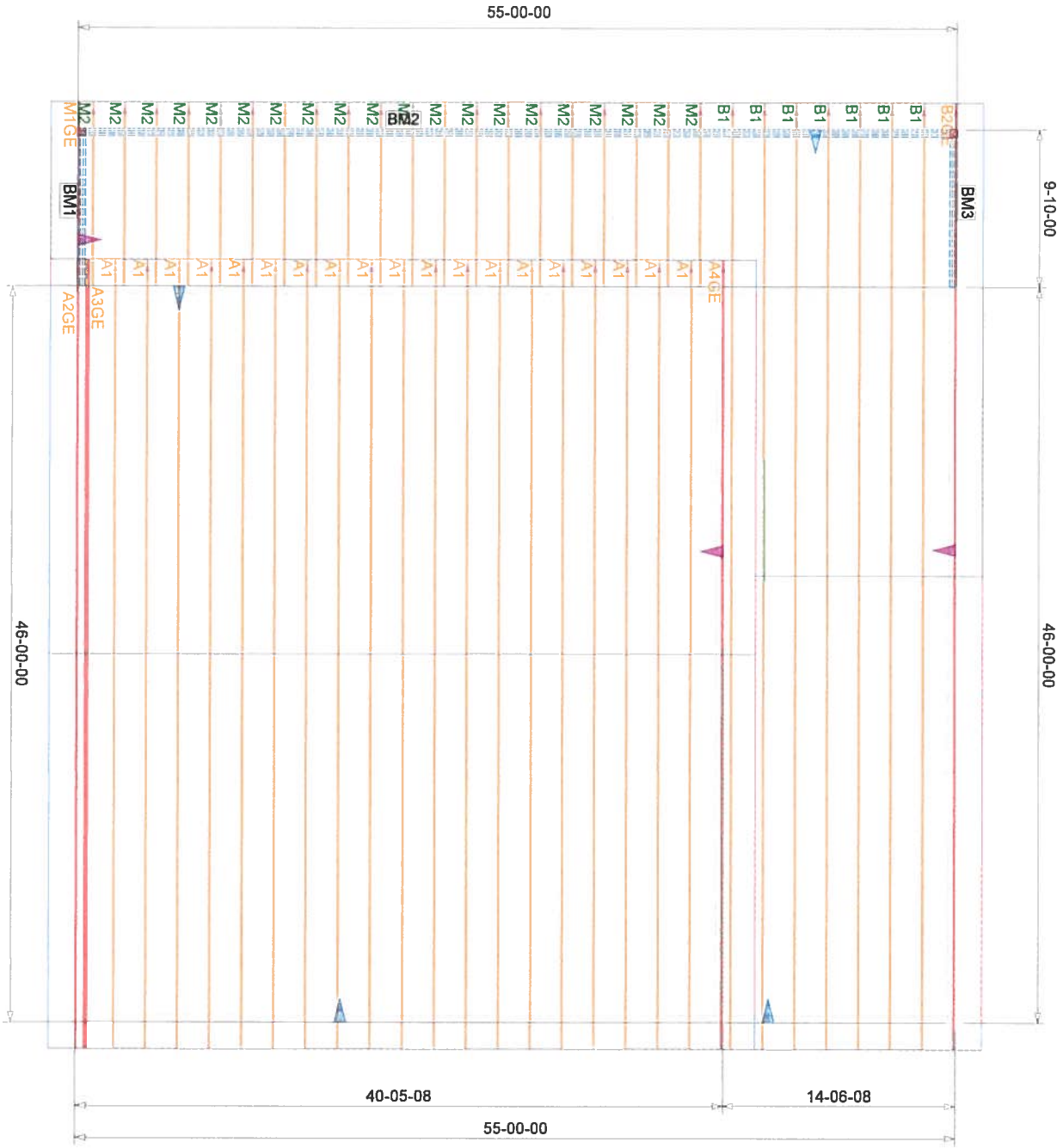
Lumber design values are in accordance with ANSI/TPI 1 section 6.3 These truss designs rely on lumber values established by others.

MiTek

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative Tor I bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.



Zoeller Hanger

Roof Loading	Client: RJH
TC Live: 20.00 psf	Date: 2/2/2017
TC Dead: 10.00 psf	Quote Date: / /
BC Live: 0.00 psf	Seal Date: / /
BC Dead: 10.00 psf	Designer: Jason DeGroff
Spacing: 2.00 O.C.	Job Number: 0217-002

Mayo Truss Company Inc.

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mayotruss@windstream.net

POWERLIFT

HYDRAULIC DOORS

Installation Instructions
Wood Frame
Inside Mount

January 2012

SAFETY **You are responsible for the safe use of this product. Unsafe use could result in property damage, serious personal injury, serious injury to others or a fatality.**

Do not operate the door until you understand all the safety instructions. If you have any questions, contact your door provider or go to www.powerliftdoors.com for assistance.

Recognize safety information and labels:

- The labels are located on the pump and at eye level at each door frame jamb.
- Understand the label's meaning and the potential risk it identifies
- Follow all information on the label
- Keep the labels in good condition
- Replace unreadable labels by contacting:
  your door installer or www.powerliftdoors.com

Follow all safety instructions:

- Read and understand all safety, operation and maintenance instructions
- Allow only those persons who have read and understand the instructions to operate the door
- Turn off power when making electrical connections or conducting any electrical work
- Install all electrical connections per state and local codes
- Do not re-adjust or modify the settings completed by the door installer
- Avoid electrical shock by not operating controls with wet hands or standing on a wet surface
- Operate the door only for the door's intended purpose
- Inspect and verify that the area in the path of the door swing is free of equipment, vehicles or obstructions.
- Stay alert and watch during the door's operation
- Keep fingers and extremities away from pinch points located between the door and door frame
- Keep children and pets away from the door while door is operating
- Maintain the door in good operating condition
- Wear safety glasses when using hydraulic connections
- If a remote control is ordered, do not leave the remote transmitter where unauthorized persons could operate the control

Maintenance

Yearly inspect hoses, lines and connectors for signs of deterioration. Contact your door installer if deterioration is detected.
In high moisture buildings, (dairy buildings, livestock confinements) replace the hydraulic oil to prevent moisture accumulation. Protect motor from excessive moisture.

Installation Instructions for Wood Framing (Inside Mount)

PowerLift Hydraulic Doors is delighted to be providing our product on your project. We look forward to working with you and arranging for a quick and trouble-free installation. All PowerLift Hydraulic Doors will only be installed by our company representatives. By cooperating together we can provide an expedited project schedule. Several procedures should be completed for a trouble free installation.

Prior to door fabrication and installation:

The rough opening should be completed with the side columns plumb, straight and the header level, straight and without bow or twist. To eliminate any building movement, installation of roof trusses, wall girts, bracing and roof sheathing should be concluded. (Review Suggested Framing Recommendations)

The project must have drivable access to the project site and door rough opening.

Door installation is preferred to be completed prior to concrete floor placement. By allowing our door frame posts to extend and the concrete placed around them, the post are soundly secured. For completed concrete floors, the PowerLift door installer will install anchor bolts and anchor plates.

Door side jamb trim installed prior to door installation. This method is quicker and less problematic for the builder than installing the trim after the door is installed.

PowerLift hydraulic doors fasten to the inside of the header. Bracing should not extend closer than 3" from the bottom of the header opening. (See Header Detail drawing)

The door purchaser is responsible to provide a telehandler, or other acceptable equipment capable of lifting the door from the trailer and carrying the door to the building opening.

Four to five gallons of hydraulic oil, compatible to the Owner's equipment, available for pump installation. ISO 32 hydraulic oil is recommended.

Permanent electrical power is not required for the door installation. However, a 220v and 30 amp breaker is required for permanent door operation.

Door arrival:

The door will arrive on a trailer pulled by our delivery truck with at least one door installer. The door and frame will arrive as one painted component. All horizontal wood girts, cylinders and hydraulic lines will be installed with the door.

The door will be moved from the trailer to the door rough opening with the help of the contractor supplied equipment. The PowerLift Installer, will then position, adjust and fasten the door to the building. Fastening is completed in two stages. First stage is by installing long lags through door frame legs into the side post of the building. The second stage is by installing lags through the header mounting angle into the building header. (See Typical Header Detail and Typical Wood Building Side Jamb Detail drawings).

Upon completion of securing the door, the hydraulic pump and connecting hydraulic hoses will be installed on the designated door side. The pump is fastened to framing members by four ¼" lags. If the pump requires to be removed (for the example, for lining the building interior) lags of the same diameter but of longer length can be used. The height of the pump controls should be located at 72" off finished floor. This discourages young or unauthorized individuals from operating the door.

The Powerlift Installer will connect temporary power and pour the hydraulic oil (supplied by others) into the pump reservoir. The door will be temporarily operated through several cycles. Any final adjustments will be completed prior to the installer leaving the project. If the Owner is available, operating instructions will be provided by the installer.

A rubber membrane is provided as a weatherstripping to cover the hinges at the top of the door. The weatherstripping is fastened prior to door cladding installation. The weatherstripping should be placed on the building behind the steel above the door, approximately 2" in height. The weatherstripping will lay across the hinges, and be fastened to the door. Care should be taken to remove wrinkles and provide a smooth neat appearance when installing the weatherstripping. The weatherstripping is fastened on the outside of the door cladding. In the case of steel panels, fasten the weatherstripping with screws in every raised rib location through the J-channel. (See Typical Header Detail drawing) Any door trim and cladding must be sealed with a good quality sealant to prevent moisture from penetrating the door envelope.

Inspect the door to verify that the vertical margins are equal between the door and the building jambs. Window framing, windows and service doors can now be installed.

When installing the door trims and cladding a minimal distance of 5 ½" must be maintained between the trim or cladding above the header and the trim or cladding on the door. This allows the door to open past 90 degrees without damaging either material. Cladding material with deeper than 1" profiles will require more distance. In these circumstance raise the building trims and cladding above the rough opening. Operate the door to verify that the trims and cladding will not collide. (See Typical Header Detail drawing)

The door bottom weatherstripping has been left long at each end of the door. After door cladding completion the weatherstripping should be trimmed to snuggly touch each side jamb. This provides the best door seal.

Seal the door frame to building jamb materials with a color matching sealant.

PowerLift Hydraulic Doors are fabricated with the anticipation that the door will be insulated and completed with a liner panel. No additional door modifications are required if this application is undertaken in the future.

Wainscoting

If wainscoting is scheduled, the bottom of the lowest girt will be the top of the wainscot height from the finished floor. A 2x framing member is fastened vertically under the girt in the field by the builder. This results in 5" of fastening space for the wainscot and trims.

Wiring Connections

Both the pump and the remote control option can be wired by the same power supply. A 220v 30 amp breaker is required. All wiring is completed using the color coded wiring located in the pump switch box. (See Typical Electrical Connections drawing)

ELECTRICAL WIRING SHALL BE INSTALLED BY AN ELECTRICAL CONTRACTOR AND MEET FEDERAL, STATE AND LOCAL CODES.

Operating the door temporarily until permanent power is provided.

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

The door is provided with pioneer type hydraulic nipples. These are located on the hydraulic lines directly above the locking valve. Tractors or other hydraulic equipment can operate the door using these connections. Hydraulic connections should be left attached for the entire door cycle to prevent pressure buildup.

If a generator must be used to supply temporary power for door operation, wiring, connections and power must be of adequate size. Do NOT starve the pump unit of electrical power. This will adversely affect the lifetime of the power unit and void the warranty. **Only use a generator that can provide 10,000 watts**. PowerLift Hydraulic Doors cannot be responsible for field conditions or temporary connections associated with temporary generators.

Suggested Framing Requirements

DUE TO FIELD CONDITIONS AND VARYING BUILDING PRACTICES POWERLIFT HYDRAULIC DOORS CAN ONLY MAKE RECOMMENDATIONS BASED UPON PAST EXPERIENCE. THE BUILDING SUPPLIER IS RESPONSIBLE FOR INCORPORATING ANY REACTIONS OR STRESSES IMPOSED BY POWERLIFT HYDRAULIC DOORS INTO THE BUILDING DESIGN. THE FINAL BUILDING STRUCTURE'S INTEGRITY IS THE RESPONSIBILITY OF THE BUILDING SUPPLIER.

Wood Buildings:

Side Jambs: The framed post should run from the grade height continuous to the top of the rafters. Three rows of nails penetrating at least two members, 16" on center with two rows within 1" of the edges. Joints staggered in the plies not closer than 4'. On all doors up to 15' in height a minimum of 4 ply 2x8 post. Recommendations for doors wider than 30' and higher than 15'should have 5 plies of 2x8 framing. Doors wider than 30' and higher than 17' are recommended to have 6 plies of 2x8 or 4 plies of 2x10 framing. On all doors wider than 30' and higher than 19', 5 plies of 2x10 are recommended. Install

diagonal bracing from the post near the top of the door opening to the top of next rafter truss.

Header: Minimum 2 plies of 2x wood framing (3" thick) to a height of 8" from the bottom of the header opening. Recommended diagonal bracing angle is 45 degrees. Install diagonal framing from the header to the top of the next rafter (possible two rafter spaces to maintain recommended 45 degree angle). Provide diagonal bracing at a minimum of each hinge location and a the upper cylinder mount on 20' high doors.

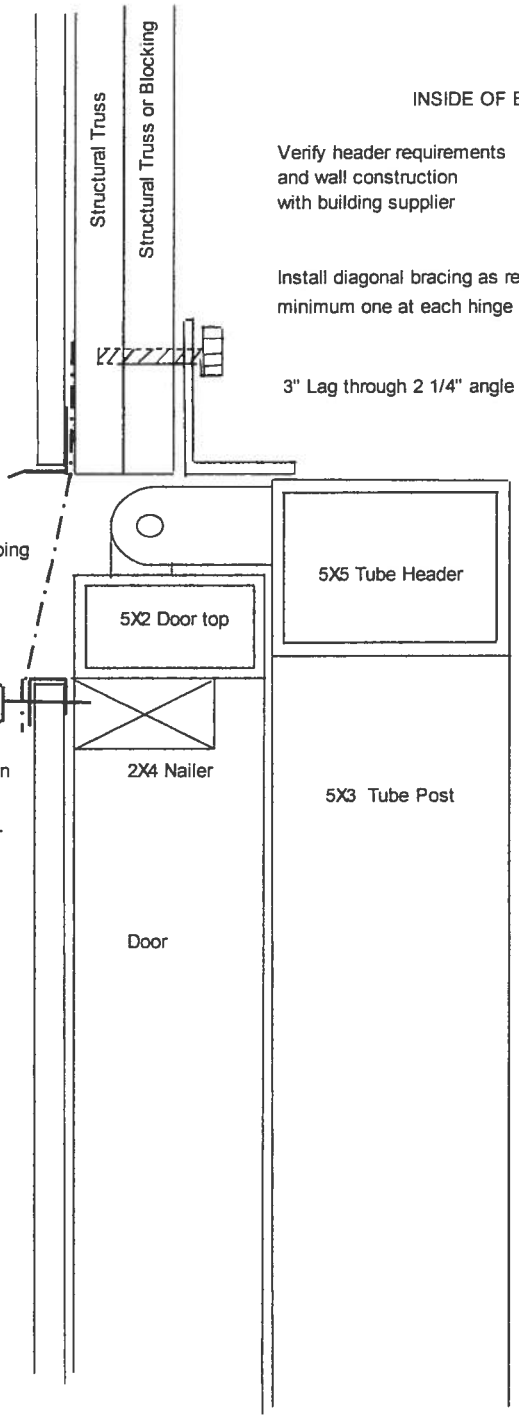
Windows:

Windows can be installed in our doors. The window type selected is restricted to awning, fixed or sliding. The recommended rough opening or total size can be no larger than 5' wide or 4' high with no individual pane of glass being larger than 9 square feet (width multiplied by height). Recommended window mounting is by continuous molded or permanently attached window nail flange lapping the rough opening at least 1" at each edge and permanently fastened per manufactures instructions. All windows shall be installed per applicable building codes. Window supplier is responsible for: (a) providing windows of the correct glazing type, (b) sufficient framing and track depth so windows remain intact for door movement or varying horizontal positions, (c) installation of windows per manufacturer's instructions and (d) warranty for installation conditions. Due to varying conditions, Powerlift Hydraulic Doors cannot be held liable for any conditions or circumstances resulting from window installation.

POWERLIFT
HYDRAULIC DOORS
www.powerliftdoors.com

1482 200th Ave.
Lake Benton, Minnesota
Phone: 507-368-9500
Fax: 507-368-1358

Typical Header Detail



NOTES:

Rubber weatherstripping to be installed PRIOR to gable sheeting. Weatherstripping to be placed over door trim and under buildling trims and sheeting.

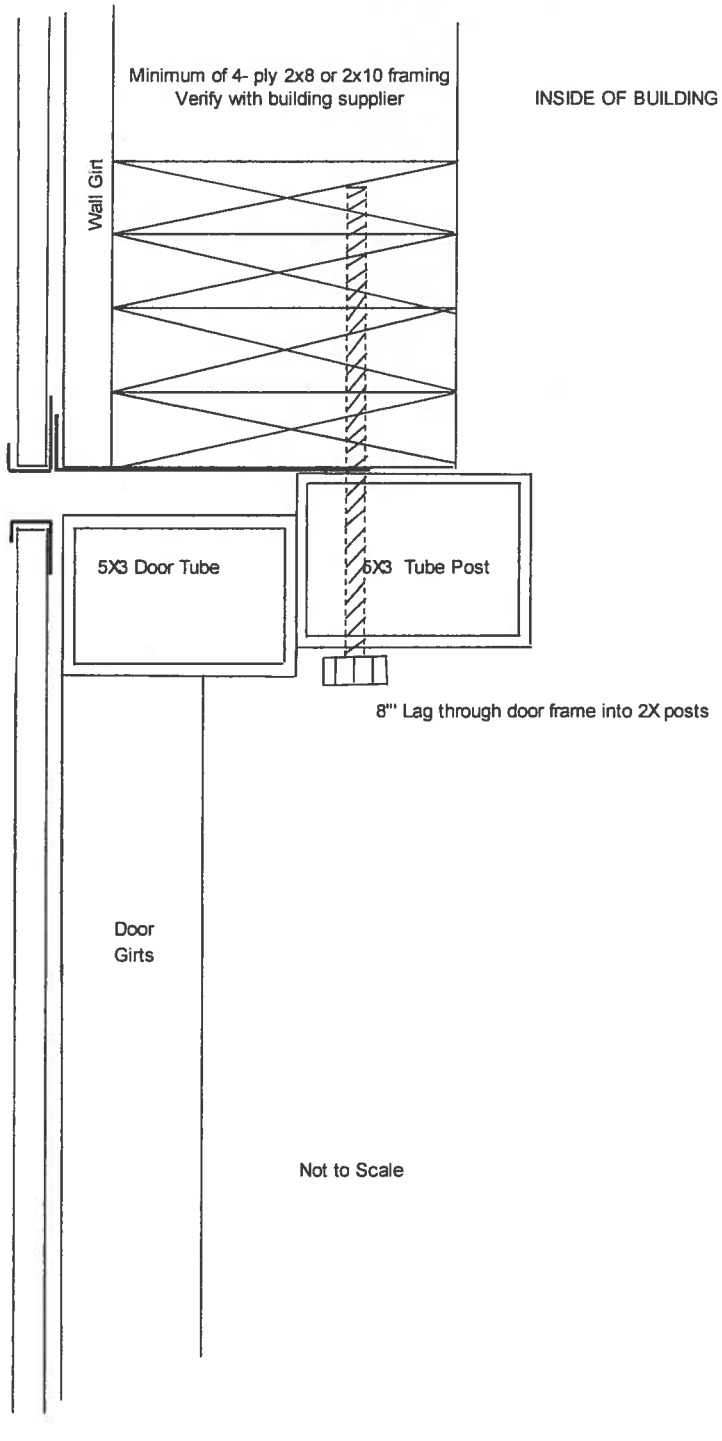
Door trim and sheeting to be 5 1/2" down from the bottom of header. Thicker profiles require more distance. Weather-stripping over trims and sheeting
Seal top to prevent water penetration

Not to Scale

POWERLIFT
HYDRAULIC DOORS
www.powerliftdoors.com

1482 200th Ave.
Lake Benton, Minnesota
Phone: 507-368-9500
Fax: 507-368-1358

Typical Wood Building Side Jamb Detail



NOTES:

Install side jamb coverings
PRIOR to door installation

Not to Scale

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Lake Benton, Minnesota
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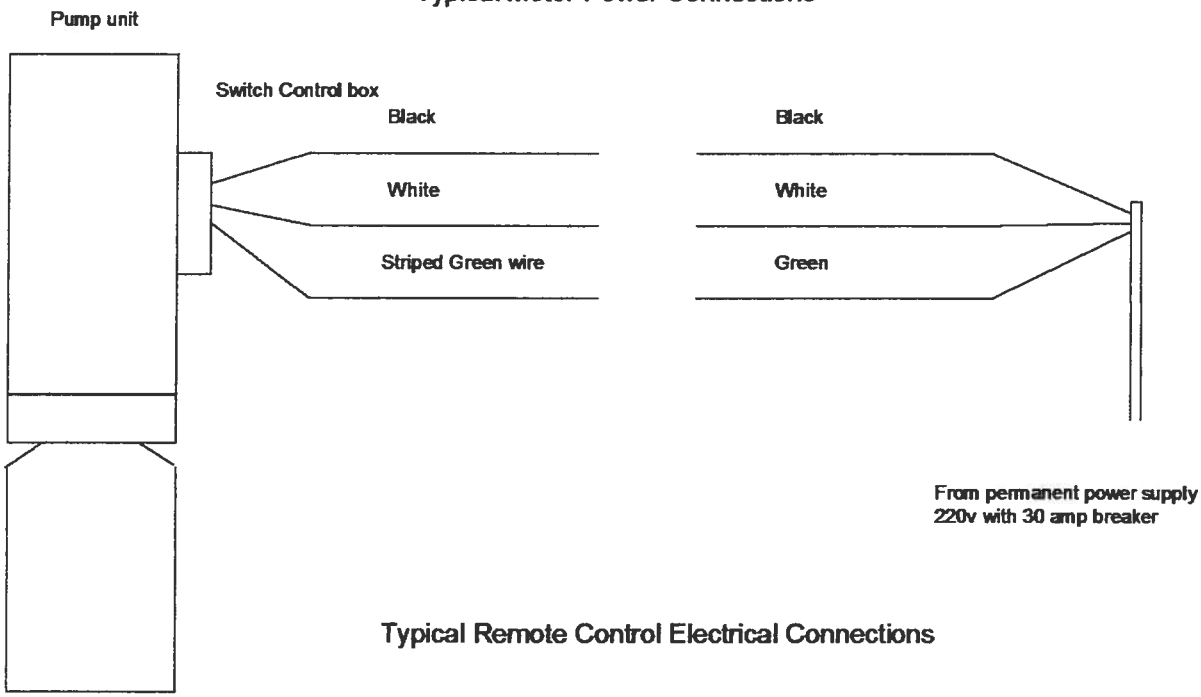
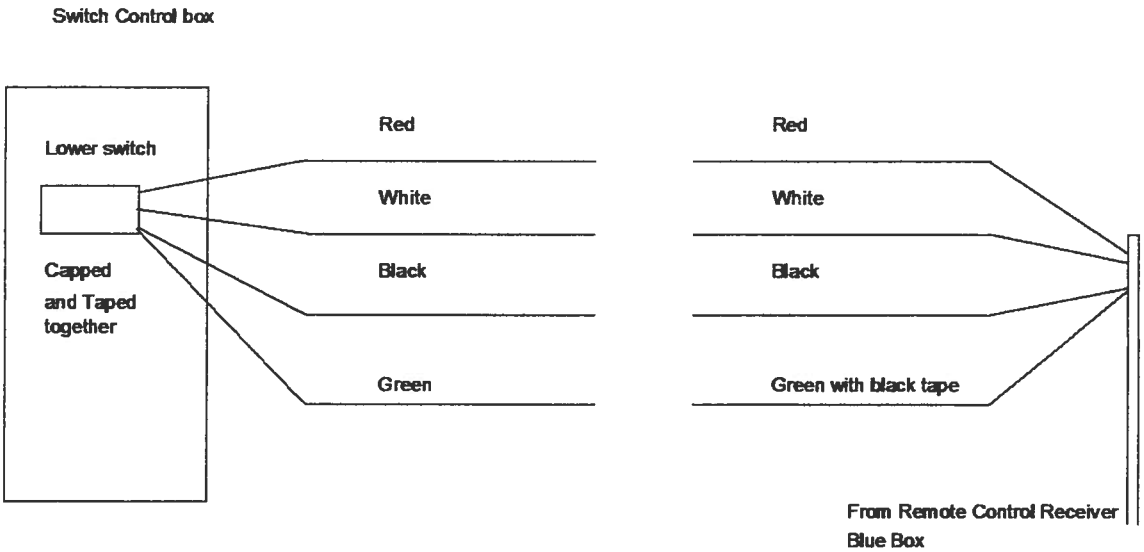
Typical Electrical Connections

Typical Motor Power Connections



Typical Remote Control Electrical Connections



POWERLIFT
HYDRAULIC DOORS
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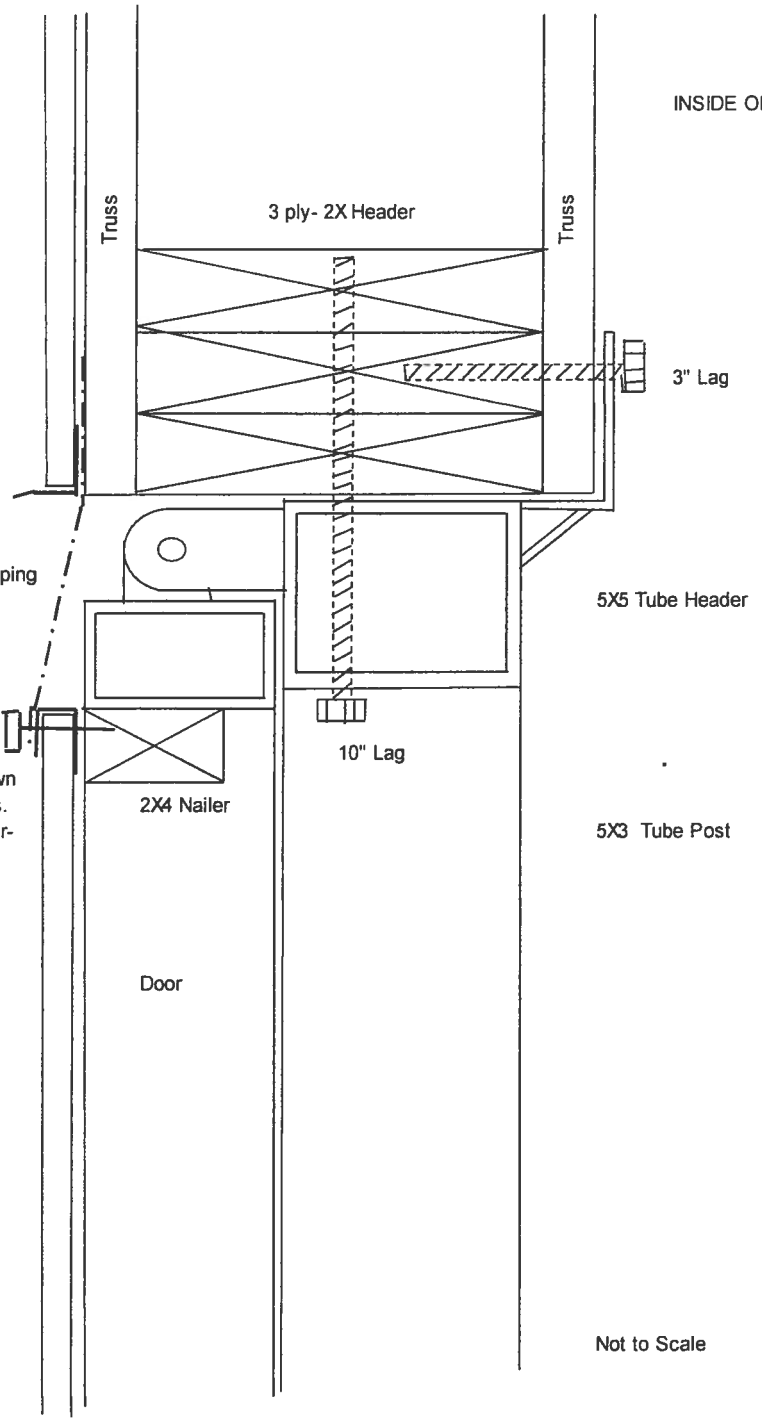
1482 200th Ave.
Lake Benton, Minnesota
Phone: 507-368-9500
Fax: 507-368-1358

Morton Buildings Header Detail



NOTES:

Rubber weatherstripping to be installed PRIOR to gable sheeting. Weatherstripping to be placed over door trim and under building trim and sheeting.

Door trim and sheeting to be 5 1/2" down from the bottom of header for 1" profiles. Verify dim. For thicker profiles. Weather-stripping over trims and sheeting

Seal top to prevent water penetration

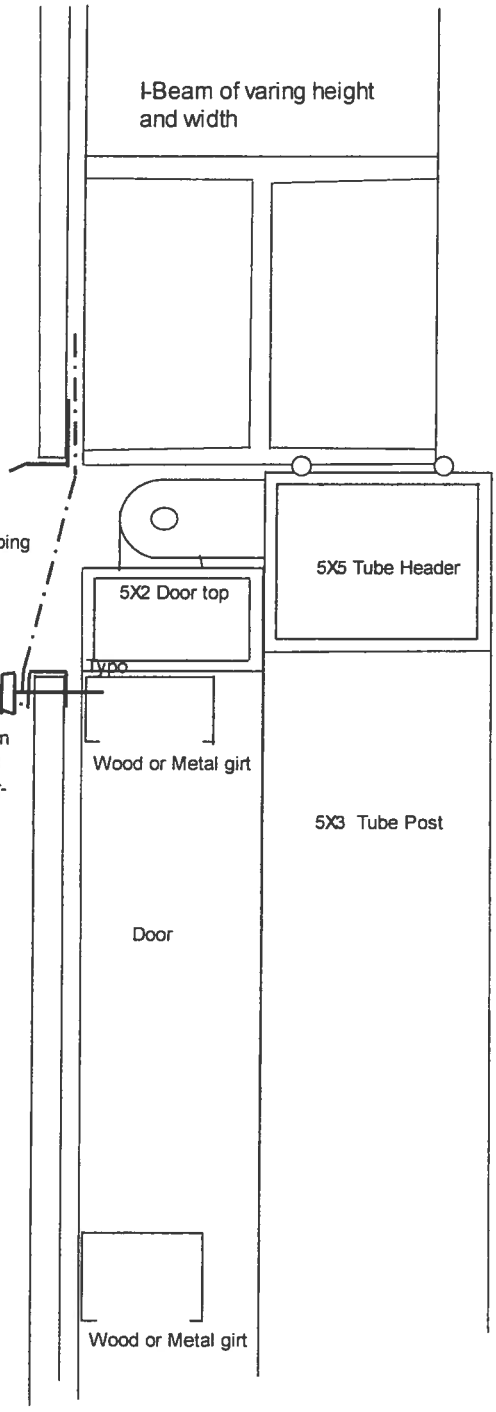
Metal Sheeting

Not to Scale

POWERLIFT
HYDRAULIC DOORS
www.powerliftdoors.com

1482 200th Ave.
Lake Benton, Minnesota
Phone: 507-368-9500
Fax: 507-368-1358

Typical I-Beam Building Header Detail



OUTSIDE OF BUILDING

Metal Sheeting

NOTES:

Rubber weatherstripping to be installed PRIOR to gable sheeting. Weatherstripping to be placed over door trim and under building trims and sheeting.

Door trim and sheeting to be 5 1/2" down from the bottom of header fro 1" profiles. Verify dim. For thicker profiles. Weather-stripping over trims and sheeting

Seal top to prevent water penetration

Metal Sheeting

INSIDE OF BUILDING

Verify header requirements and wall construction with building supplier

Install diagonal bracing as required minimum one at each hinge

Welds

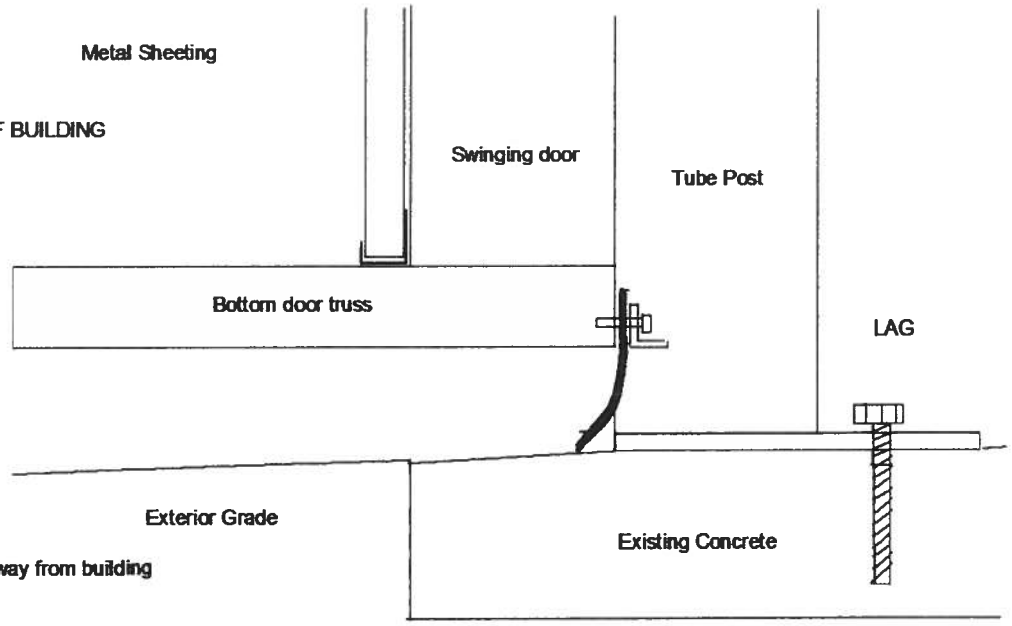
Door Header is field welded on I-Beam by door installer

Not to Scale

POWERLIFT
HYDRAULIC DOORS
www.powerliftdoors.com

1482 200th Ave.
Lake Benton, Minnesota
Phone: 507-368-9500
Fax: 507-368-1358

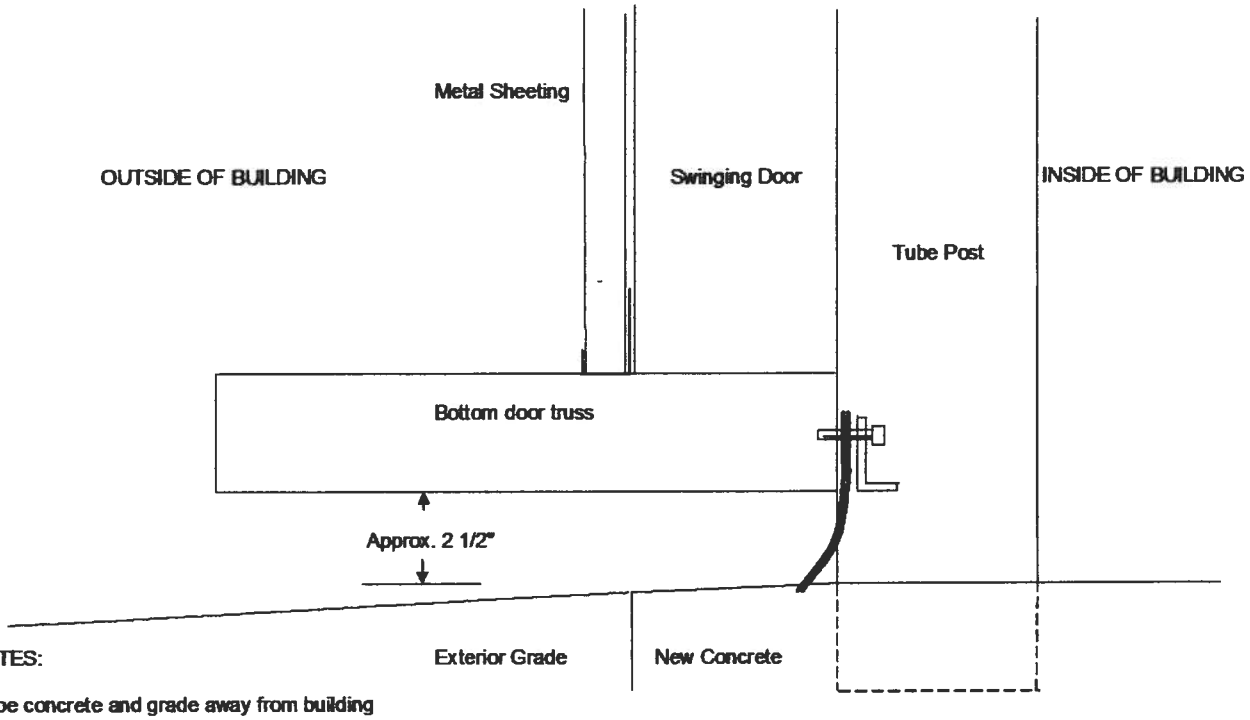
Typical Inside Mount Threshold Detail w/ Placed Concrete



Not to Scale

NOTES:
Slope concrete and grade away from building

Typical Inside Mount Threshold Detail w/ New Concrete

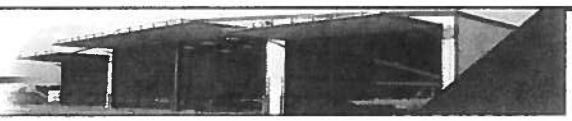


NOTES:

Slope concrete and grade away from building

POWERLIFT

HYDRAULIC DOORS



Project Information	
Project Name:	**EAA LAKE CITY, FL.**
Building Company:	
Customer Name:	
Order Number:	**340**
Estimator:	**Lynn Shepard**
Estimate Date:	**10/25/2016**

Project Location		
City:	Lake City	
State:	Florida	
Address:		
Zipcode:	32024	
Design Site Class:	D	*help*

Door Information	Feet	Inches
Door Clearance above floor:	0	2.5
Door Overall Width:	39	6
Door Overall Height:	16	7
Rough Opening Width:	40	0
Rough Opening Height:	14	0

Governing Codes:		
IBC 2012	**ASCE 7-10**	
Occupancy Category:	II	*help*
Wind Speed (mph):	110	*help*
Double Legs/Posts?	NO	
Cylinder Size:	Small	
Use Hurricane Pins?	YES	

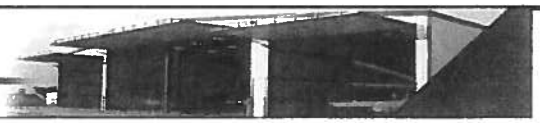
Include Wainscote? NO

Include Walk Door? NO

Maximum Cross Member SPA: 36 in. o.c.

Include Windows? NO

POWERLIFT
HYDRAULIC DOORS



Door Components		Area	Ix	Sx	Wt/ft	Width
Door Frame Post	5x3x0.25 tube	3.75	12.27	4.91	12.21	3
Door Frame Header	5x5x0.188 tube	3.62	4.29	5.60	11.97	5
Door End Posts	5x3x0.25 tube	3.75	12.27	4.91	12.21	3
Door Header	5x2x0.120 tube	1.62	5.02	2.01	5.52	2
Vertical Rails	3x2x0.120 tube	1.14	1.42	0.94	3.76	2
Cross Members	3x2x0.083 tube	0.80	1.02	0.68	2.73	2
Steel Nailers	3x2x0.083 tube	0.80	1.02	0.68	2.73	2
Bottom/Truss - Interior Tube	3x2x0.120 tube	1.14	1.42	0.94	3.76	2
Truss Exterior Tube	3x2x0.120 tube	1.14	1.42	0.94	3.76	2
Truss - Uprights	3x2x0.120 tube	1.14	1.42	0.94	3.76	2

** Any door components in RED do not meet the minimum Code requirements*

TRUSS REQUIRED

Truss depth=	10	in.
Truss upright spacing=	38.625	in.
Required Truss Camber=	0.36	in.
Truss Diagonals Included?	NO	

Door Cladding Options:

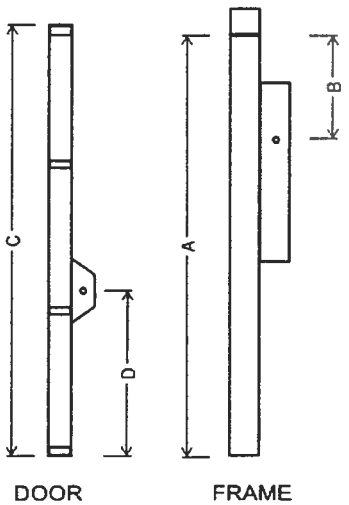
Ext. Cladding:	26 Ga. Metal Panel	
Int. Cladding:	Manual	
Insulation:	none	
Manual total	0	psf

Recommended Max. Vertical Spacing per Code:	67.714	in o.c.
**Enter Vertical Spacing: ----------> **	**93.2**	in o.c.

ENTER REQUIRED DATA ABOVE (BOXES AND PULL DOWNS SHADED BLUE) - RESULTS SHOWN BELOW THIS LINE

Door Geometry		
Post Height {A}	163	in
Door Height {C}	163	in
Cyl. to Frame Location {B}	19	in
Cylinder Length (closed):	58.5	in
Cyl. To Door Bottom {D}:	104.5	in

Door Weights		
Door Framing	1801	lb
Door Cladding	491	lb
TOTAL DOOR WEIGHT	**2292**	lb
Frame weight	805	lb
TOTAL DOOR + FRAME WT.	**3096**	lb



Results:

Member	Description	Code Chk	Member Capacity Allowable	Member Capacity Yield
Door Frame Post	5x3x0.25 tube	OK	35%	23%
Door Frame Header	5x5x0.188 tube	OK	3%	2%
Door End Posts	5x3x0.25 tube	OK	40%	27%
Door Header	5x2x0.120 tube	OK	8%	5%
Vertical Rails	3x2x0.120 tube	OK	87%	57%
Cross Members	3x2x0.083 tube	OK	16%	10%
Steel Nailers	3x2x0.083 tube	OK	N/A	N/A
Bottom/Truss - Interior Tube	3x2x0.120 tube	OK	36%	22%
Truss Exterior Tube	3x2x0.120 tube	OK	36%	22%
Truss - Uprights	3x2x0.120 tube	OK	93%	57%

Deflections and Forces		
Hinge Spacing:	93.200	o.c.
Max. door deflection (closed):	0.360	in
Max. door deflection (open):	0.96	in
Max. Cylinder force (open):	5089	lb

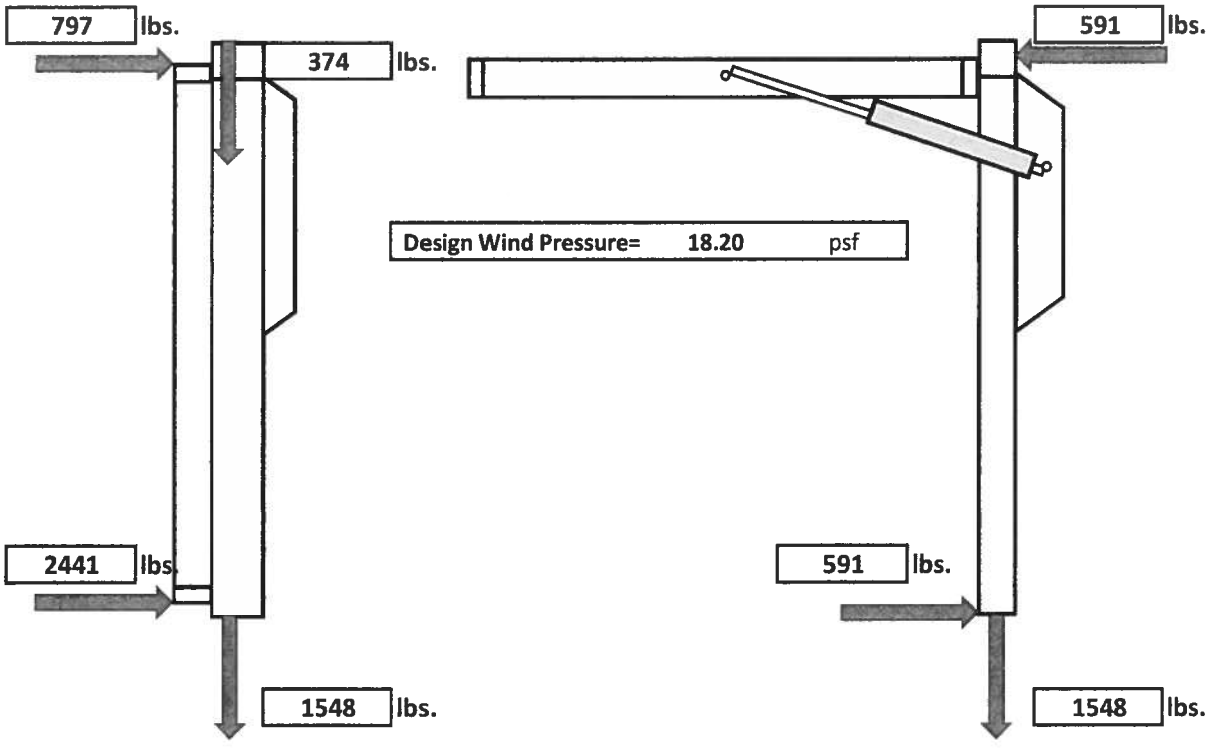
NOTES:

1. Steel tubes shall be ASTM A500, Gr. B
2. Steel tube yield strength: Fy = 46,000 psi

REACTIONS:

Top of door reactions are the worst case loads acting on the hinges.

Reaction shown below occurs at the top of the frame post.



Noling Pest Control
Cory Noling. Owner
Phone (386)454-3888
(386) 935-2007
P.O. Box 949
High Springs, Florida 32655-0949

GRAPH AND SPECIFICATIONS

34998

BUYER'S NAME Bradford Zoeller SELLER'S NAME _____ DATE 4-17-17

INSPECTION ADDRESS 788 SW Colleger CITY Lake City STATE FL ZIP 32025

BUSINESS PHONE _____ HOME PHONE _____ INSPECTED BY: _____

Scale Used: _____ Well: ☐ Yes ☐ No How close to house? _____ ft. Additions? ☐ Yes ☐ No Access? _____

Additional specifications and comments: 40 x 50 Graph not to Sq ft
Termidor 80 WG 200 gallons

Lineal Footage: Square Footage: 2000 Sq ft Contract Price:

Type Foundation: ☐ Floating Slab ☐ Supported Slab ☐ Monolithic Slab ☐ Crawl ☐ Basement Type Construction: ☐ CBS ☐ Woodframe ☐ Brick

Type Infestation Key

T-Subterranean Termite Activity
D - Drywood Termite Activity
ST - Suspected Termite Activity
P - Powder Post Beetles
W - Wood Borers
M - Moisture Condition
F - Wood Decaying Fungi
X-Damage Present
. . . - Vertical Drill Location

Location Key

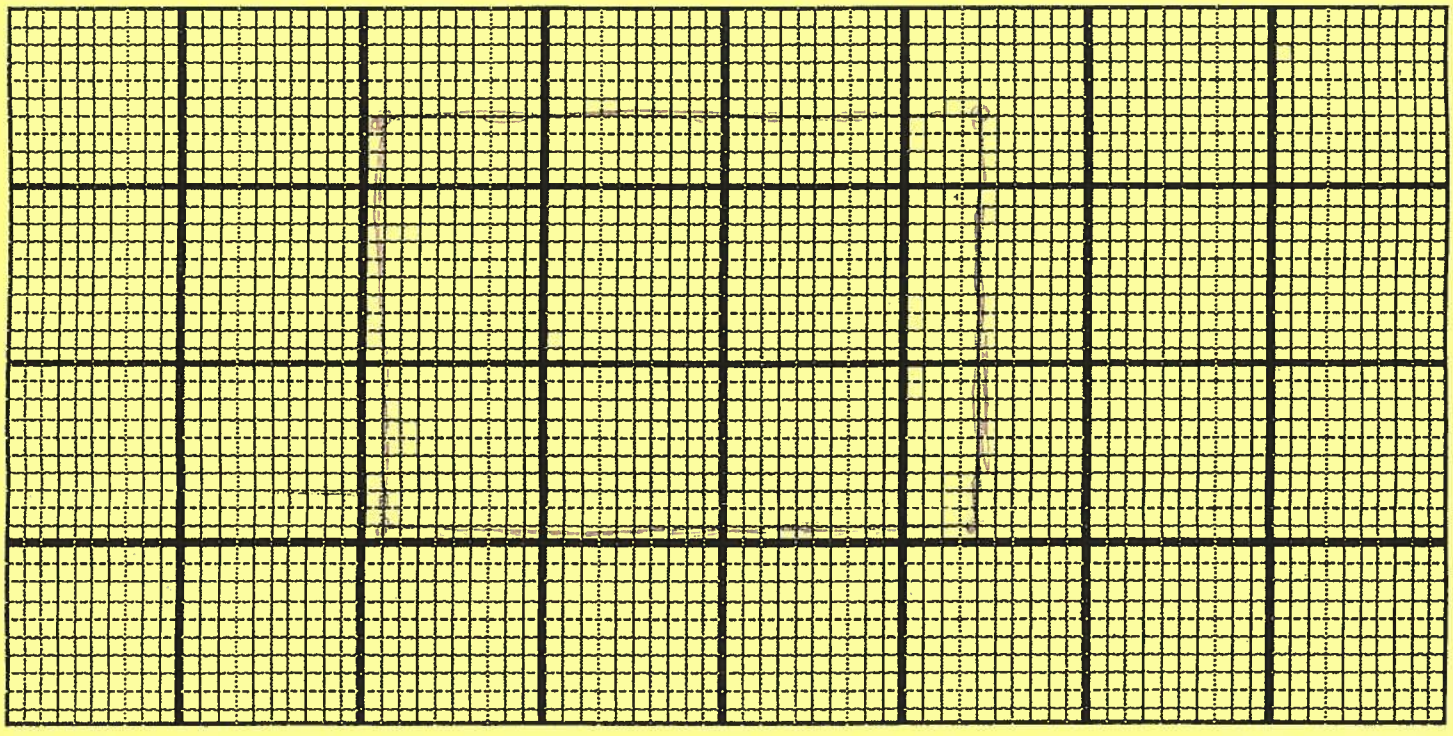
F - Front R - Right L - Left RE - Rear C-Center

Infested Area	Type	Location
☐ Sills / Joists		
☐ Sub Floor		
☐ Finished Floor		
☐ Walls, Studs, Plates		
☐ Interior Trim		
☐ Paneled Wall		
☐ Door/Window Frame		
☐ Furniture/Cabinets		
☐ Attic		
☐ Roof		

General Conditions

Stucco below grade? Yes ☐ No ☐
Are Termites swarming? Yes ☐ No ☐
Wood supports on ground? Yes ☐ No ☐
Proper clearance for treating? Yes ☐ No ☐
Make A3access opening? Yes ☐ No ☐
Electricity available? Yes ☐ No ☐
Bath trap opening? Yes ☐ No ☐
Shrubbery Light ☐ Heavy ☐
Type Floor Covering: _____
Other: _____

VISIBLE DAMAGE WHICH EXISTS AT THE TIME OF THE INSPECTION IS DESIGNATED BY AN "X"



CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 07-4S-17-08106-112 **Building permit No.** 000034998

Use Classification HANGAR/UTILITY **Fire:** 0.00

Permit Holder TABITHA SIBEL **Waste:**

Owner of Building BRADFORD ZOELLER **Total:** 0.00

Location: 288 SW CHALLENGER LN, LAKE CITY, FL 32025

Date: 07/17/2017

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

34998

DARRELL COPELAND SURVEYING, INC.

LAND SURVEYING * LAND PLANNING CONSULTANT

RE: LOT 12 COUNTRY LANDINGS
288 Challenger Lane

June 7, 2017

On June 5, 2017 we completed a field survey on the above referenced property. At that time we obtained the Finished Floor Elevation of the building under construction on the subject lot and determined it to be at Elevation 111.05 feet NAVD88.

Darrell Copeland, PLS
Fla. Cert. No. 4529

7910 180TH STREET McALPIN, FLORIDA 32062
(386) 209-4343 desurveyi@aol.com

34998

ONE FOOT RISE CERTIFICATION

OWNER: Bradford Zoeller

DESCRIPTION: Lot 12 of Country Landings Subdivision, Columbia County, Florida PIN # 07-4S-17-08106-11200089-004

BASE FLOOD ELEVATION: 110'

COMMUNITY PANEL NUMBER: 12023C0293C dated 02/04/2009

PROJECT: 50' x 50' EARTH PAD FOR AIRPLANE HANGAR AT APPROXIMATE EXISTING GROUND ELEVATION OF 108.7 FEET.

FLOOD AREA (isolated) AT BASE FLOOD ELEVATION= 382 ACRES

FILL OF FLOODPLAIN: APPROXIMATELY 121 CUBIC YARDS

LOWEST GROUND ELEVATION AT BUILDING = 108.7'

I hereby certify that the placement of the 2,500 s.f. earth pad/airplane hangar will increase the Cannon Creek floodplain less than one foot at the project location. The lowest ground elevation at the airplane hangar location is 108.7' per survey by Darrell Copeland Surveying, Inc. for the Bradford Zoeller Living Trust.

Curtis E. Keen

Curtis E. Keen, PE #23836
EB #3761

Date: 03/09/17

Copy: Bradford Zoeller

ONE FOOT RISE CALCULATIONS

OWNER: Bradford Zoeller

DESCRIPTION: Lot 12 of Country Landings Subdivision, Columbia County, Florida PIN # 07-4S-17-08106-11200089-004

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FILL OF FLOODPLAIN: APPROXIMATELY 121 CUBIC YARDS

LOWEST GROUND ELEVATION AT BUILDING = 108.7'

This project will be located in the flood staging area of Cannon Creek and not a floodway area. No step backwater calculations are required. The calculations are based on the amount of floodplain volume removed if the airplane hangar is constructed with a minor fill pad beneath.

$$\% \text{ FLOODPLAIN AREA REMOVED} = \frac{2{,}500 \text{ s.f.}}{43{,}560 \text{ s.f.}} = 0.0002\ \%$$
$$382 \text{ acres}$$

$$\text{FLOODPLAIN LEVEL INCREASE} = \frac{2{,}500 \text{ s.f.} \times 1.30 \text{ feet}}{382 \text{ ac.} \times 43{,}560 \text{ s.f.}} = 0.0002 \text{ foot}$$

Curtis E. Keen

Curtis E. Keen, PE #23836
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FLOOD AREA (isolated) AT BASE FLOOD ELEVATION= 382 ACRES

FILL OF FLOODPLAIN: APPROXIMATELY 121 CUBIC YARDS

LOWEST GROUND ELEVATION AT BUILDING = 108.7'

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% FLOODPLAIN AREA REMOVED = $\frac{2{,}500 \text{ s.f.}}{382 \text{ acres} \times 43{,}560 \text{ s.f.}} = 0.0002\ \%$

FLOODPLAIN LEVEL INCREASE = $\frac{2{,}500 \text{ s.f.} \times 1.30 \text{ feet}}{382 \text{ ac.} \times 43{,}560 \text{ s.f.}} = 0.0002 \text{ foot}$

Curtis E. Keen, PE #23836
EB #3761

Date: 03/09/17

Copy: Bradford Zoeller

ONE FOOT RISE CERTIFICATION

OWNER: Bradford Zoeller

DESCRIPTION: Lot 12 of Country Landings Subdivision, Columbia County, Florida PIN # 07-4S-17-08106-11200089-004

BASE FLOOD ELEVATION: 110'

COMMUNITY PANEL NUMBER: 12023C0293C dated 02/04/2009

PROJECT: 50' x 50' EARTH PAD FOR AIRPLANE HANGAR AT APPROXIMATE EXISTING GROUND ELEVATION OF 109.4 FEET.

FLOOD AREA (isolated) AT BASE FLOOD ELEVATION= 382 ACRES

FILL OF FLOODPLAIN: APPROXIMATELY 56 CUBIC YARDS

LOWEST GROUND ELEVATION AT BUILDING = 109.4'

I hereby certify that the placement of the 2,500 s.f. earth pad/airplane hangar will increase the Cannon Creek floodplain less than one foot at the project location. The lowest ground elevation at the airplane hangar location is 109.4' per survey by Darrell Copeland Surveying, Inc. for the Bradford Zoeller Living Trust.

Curtis E. Keen

Curtis E. Keen, PE #23836
EB #3761

Date: 02/27/17

Copy: Bradford Zoeller

ONE FOOT RISE CALCULATIONS

OWNER: Bradford Zoeller

DESCRIPTION: Lot 12 of Country Landings Subdivision, Columbia County, Florida PIN # 07-4S-17-08106-11200089-004

BASE FLOOD ELEVATION: 110'

COMMUNITY PANEL NUMBER: 12023C0293C dated 02/04/2009

PROJECT: 50' x 50' EARTH PAD FOR AIRPLANE HANGAR AT APPROXIMATE EXISTING GROUND ELEVATION OF 109.4 FEET.

FLOOD AREA (isolated) AT BASE FLOOD ELEVATION= 382 ACRES

FILL OF FLOODPLAIN: APPROXIMATELY 56 CUBIC YARDS

LOWEST GROUND ELEVATION AT BUILDING = 109.4'

This project will be located in the flood staging area of Cannon Creek and not a floodway area. No step backwater calculations are required. The calculations are based on the amount of floodplain volume removed if the airplane hangar is constructed with a minor fill pad beneath.

% FLOODPLAIN AREA REMOVED = $\frac{2{,}500 \text{ s.f.}}{43{,}560 \text{ s.f.}} = 0.0002\ \%$
289 acres

FLOODPLAIN LEVEL INCREASE = $\frac{2{,}500 \text{ s.f.} \times 0.60 \text{ feet}}{382 \text{ ac.} \times 43{,}560 \text{ s.f.}} = 0.00009$ foot

Curtis E. Keen

Curtis E. Keen, PE #23836
EB #3761

Date: 02/27/17

Copy: Bradford Zoeller

34998

DARRELL COPELAND SURVEYING, INC.

LAND SURVEYING * LAND PLANNING CONSULTANT

RE: LOT 12 COUNTRY LANDINGS
288 Challenger Lane

March 31, 2017

On March 31, 2017 we completed a field survey on the above referenced property. At that time we obtained the elevation of the building pad recently installed on the subject lot and determined it to be at Elevation 110.75 feet NAVD88.

Darrell Copeland, PLS
Fla. Cert. No. 4529

NOT NEEDED

This was on the dirt pad and not the elevation of the slab.

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