

Columbia County New Building Permit Application

For Office Use Only Application # 44702 Date Received 3/10 By MB Permit # 39571
Zoning Official WJH Date 3-17-20 Flood Zone X Land Use Ag Zoning PR20
FEMA Map # _____ Elevation _____ MFE _____ River _____ Plans Examiner T.C. Date 3-23-20

Comments
 NOC EH Deed or PA Site Plan State Road Info Well letter 911 Sheet Parent Parcel # _____
 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

Septic Permit No. 20-0204 OR City Water Fax 386-758-8920

Applicant (Who will sign/pickup the permit) SUZANNE STEWART Phone 386-752-8653

Address 465 NW ORANGE STREET, LAKE CITY, FL 32055

Owners Name STEVEN SERRAS FL Phone 407-750-2100

911 Address 1167 SW MANDIBA DRIVE, LAKE CITY 32024

Contractors Name BRYAN ZECHER Phone 386-867-4994

Address 465 NW ORANGE STREET, LAKE CITY, FL 32024

Contractor Email ZECHEROFFICE@GMAIL.COM ***Include to get updates on this job.

Fee Simple Owner Name & Address same

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Mark Disosoway -163 SW Midtown PL, Ste 103

Mortgage Lenders Name & Address None LAKE CITY, FL 32025

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

Property ID Number 18-5S-17-09280-138 Estimated Construction Cost \$54,500.00

Subdivision Name OAKS OF LAKE CITY Lot 38/3 Block _____ Unit _____ Phase 1

Driving Directions from a Major Road From Hwy 90, go south on Hwy 41 and turn right onto Tustenuggee Ave/CR 131
After about 7 miles, turn right into the 2nd/Southern entrance of the Oaks, Mandiba Dr, turn left at the stop sign
and the jobsite will be the 3rd house on the left.

Construction of DETACHED GARAGE _____ Commercial OR X Residential

Proposed Use/Occupancy _____ Number of Existing Dwellings on Property _____

Is the Building Fire Sprinkled? _____ If Yes, blueprints included _____ Or Explain _____

Circle Proposed Culvert Permit or Culvert Waiver or D.O.T. Permit or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 150 Side 95' Side 25 Rear 115'

Number of Stories 1 Heated Floor Area _____ Total Floor Area 720 Acreage 2.010

Zoning Applications applied for (Site & Development Plan, Special Exception, etc.)
- to send invoice, 4.6.20

Columbia County Building Permit Application

CODE: Florida Building Code 2017 and the 2014 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.

STEVEN SERRAS

Print Owners Name

Steven Serras

Owners Signature

****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.

Contractor's Signature

[Handwritten Signature]

Contractor's License Number

Columbia County

Competency Card Number

CBC084575

853

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 9th day of March 2020.

Personally known or Produced Identification

Suzanne Stewart

State of Florida Notary Signature (For the Contractor)



SUZANNE STEWART
Commission # GG 932386
Expires November 17, 2023
Bonded Thru Budget Notary Services

Columbia County Property Appraiser

updated: 2/11/2020

2020 Working Values

Parcel: 18-5S-17-09280-139

Tax Collector

Tax Estimator

Property Card

Parcel List Generator

<< Next Lower Parcel Next Higher Parcel >>

2019 TRIM (pdf)

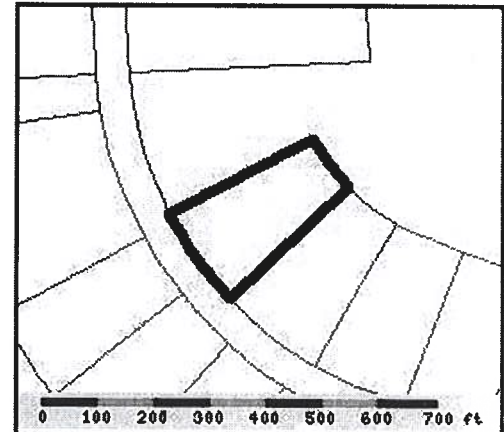
Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	SERRAS STEVEN		
Mailing Address	1167 SW MANDIBA DR LAKE CITY, FL 32024		
Site Address	1167 SW MANDIBA DR		
Use Desc. (code)	SINGLE FAM (000100)		
Tax District	3 (County)	Neighborhood	18517
Land Area	2.010 ACRES	Market Area	02
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction. LOTS 38 & 39 OAKS OF LAKE CITY PHS 1. WD 1185-879, WD 1234-1836, WD 1396-2632.		



Property & Assessment Values

2019 Certified Values	
Mkt Land Value	cnt: (0) \$17,550.00
Ag Land Value	cnt: (1) \$0.00
Building Value	cnt: (1) \$209,692.00
XFOB Value	cnt: (2) \$7,741.00
Total Appraised Value	\$234,983.00
Just Value	\$234,983.00
Class Value	\$0.00
Assessed Value	\$234,983.00
Exempt Value	\$0.00
Total Taxable Value	Cnty: \$234,983 Other: \$234,983 Schl: \$234,983

2020 Working Values		(...Hide Values)
Mkt Land Value	cnt: (0)	\$50,000.00
Ag Land Value	cnt: (2)	\$0.00
Building Value	cnt: (1)	\$222,814.00
XFOB Value	cnt: (2)	\$7,741.00
Total Appraised Value		\$280,555.00
Just Value		\$280,555.00
Class Value		\$0.00
Assessed Value		\$280,555.00
Exempt Value	(code: HX H3)	\$50,000.00
Total Taxable Value		Cnty: \$230,555 Other: \$230,555 Schl: \$255,555

NOTE: 2020 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
10/10/2019	1396/2632	WD	I	Q	01	\$358,000.00
5/7/2012	1234/1836	WD	V	Q	01	\$30,000.00
12/7/2009	1185/879	WD	V	Q	01	\$54,900.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	2011	CB STUCCO (17)	2406	3764	\$222,814.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

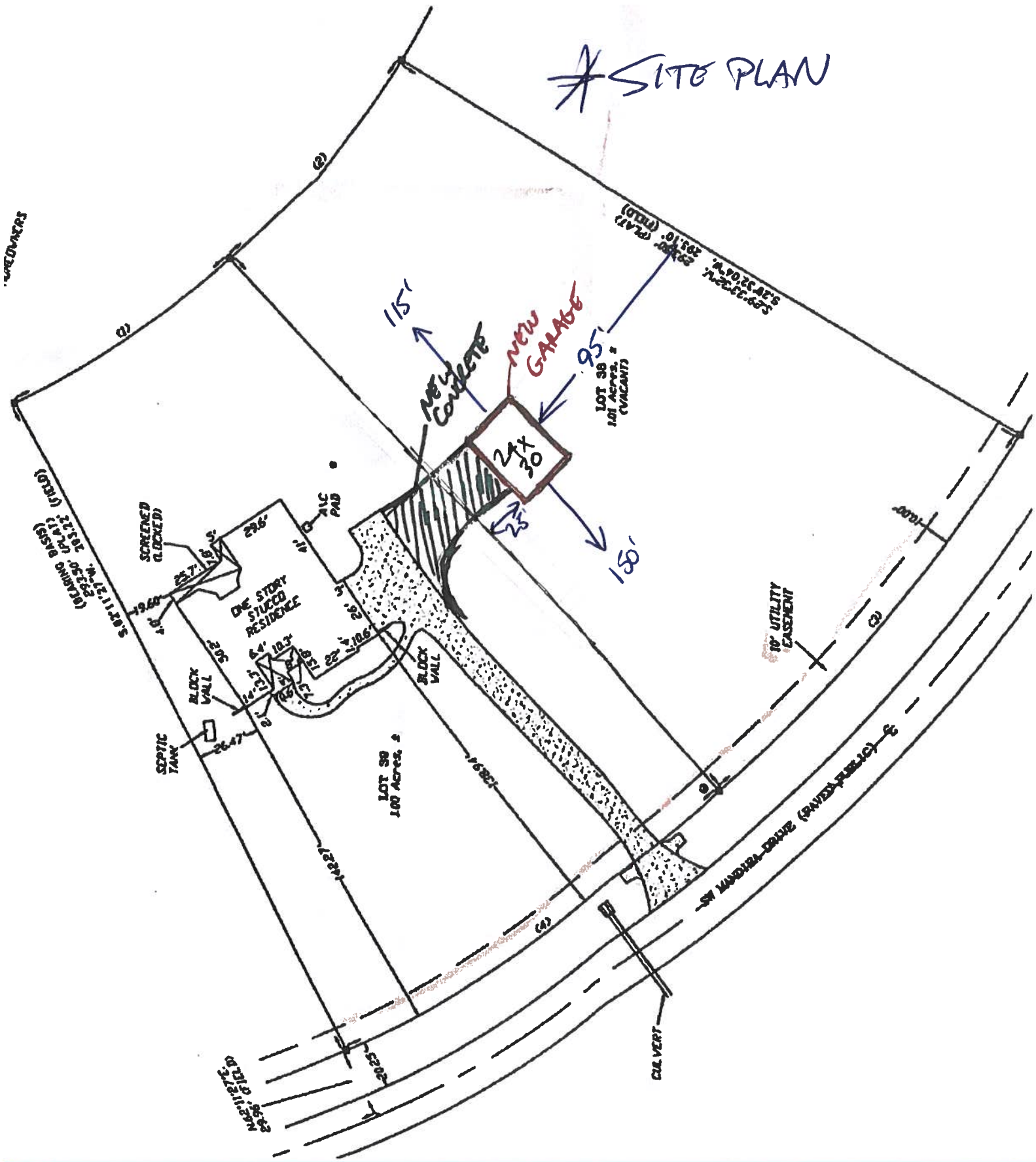
Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0190	FPLC PF	2011	\$1,200.00	0000001.000	0 x 0 x 0	(000.00)
0166	CONC,PAVMT	2011	\$6,541.00	0004088.000	0 x 0 x 0	(000.00)

Land Breakdown

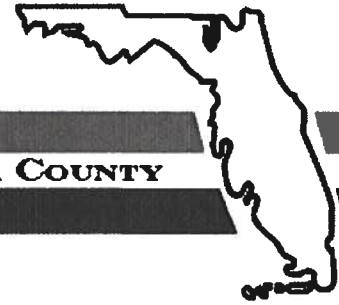
Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	1 LT	1.00/1.00/1.00/1.00	\$25,000.00	\$25,000.00
000000	VAC RES (MKT)	1 LT - (0000001.010AC)	1.00/1.00/1.00/1.00	\$25,000.00	\$25,000.00

1" = 53'

* SITE PLAN



District No. 1 - Ronald Williams
District No. 2 - Rocky Ford
District No. 3 - Bucky Nash
District No. 4 - Toby Witt
District No. 5 - Tim Murphy



BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

Address Assignment and Maintenance Document

To maintain the county wide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for addressing and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Services Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County

Date/Time Issued: **3/4/2020 9:27:27 PM**
Address: **1167 SW MANDIBA Dr**
City: **LAKE CITY**
State: **FL**
Zip Code **32024**

Parcel ID **09280-139**

REMARKS: Address Verification.

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION AND ACCESS INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION AND/OR ACCESS INFORMATION BE FOUND TO BE IN ERROR OR CHANGED, THIS ADDRESS IS SUBJECT TO CHANGE.

Address Issued By: **Signed:/ Matt Crews**

Columbia County GIS/911 Addressing Coordinator

**COLUMBIA COUNTY
911 ADDRESSING / GIS DEPARTMENT**

263 NW Lake City Ave., Lake City, FL 32055 Telephone: (386) 758-1125
Email: gis@columbiacountyfla.com

SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # 44702 JOB NAME SERVIS

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.

<p>ELECTRICAL</p> <p>74 <input checked="" type="checkbox"/></p> <p>CC# <u>0076</u></p>	<p>Print Name <u>Marc Matthews</u> Signature <u>[Signature]</u></p> <p>Company Name: <u>Matthews Electric</u></p> <p>License #: <u>EC13005459</u> Phone #: <u>386-344-2029</u></p>	<p>Need</p> <p><input type="checkbox"/> Lic</p> <p><input type="checkbox"/> Lab</p> <p><input type="checkbox"/> w/c</p> <p><input type="checkbox"/> EX</p> <p><input type="checkbox"/> DE</p>
<p>MECHANICAL</p> <p>VC <input checked="" type="checkbox"/></p> <p>CC# <u>2024</u></p>	<p>Print Name <u>ANTHONY FRANKS</u> Signature <u>[Signature]</u></p> <p>Company Name: <u>FRANKS & Lane heating and air</u></p> <p>License #: <u>CAC1818631</u> Phone #: <u>386-466-7514</u></p>	<p>Need</p> <p><input type="checkbox"/> Lic</p> <p><input type="checkbox"/> Lab</p> <p><input type="checkbox"/> W/C</p> <p><input type="checkbox"/> EX</p> <p><input type="checkbox"/> DE</p>
<p>PLUMBING/ GAS</p> <p>715 <input checked="" type="checkbox"/></p> <p>CC# <u>000715</u></p>	<p>Print Name <u>Cody Barrs</u> Signature <u>[Signature]</u></p> <p>Company Name: <u>Barrs Plumbing</u></p> <p>License #: <u>CFC1427145</u> Phone #: <u>386-623-0509</u></p>	<p>Need</p> <p><input type="checkbox"/> Lic</p> <p><input type="checkbox"/> Lab</p> <p><input type="checkbox"/> w/c</p> <p><input type="checkbox"/> EX</p> <p><input type="checkbox"/> DE</p>
<p>ROOFING</p> <p>101 <input checked="" type="checkbox"/></p> <p>CC# <u>132809</u></p>	<p>Print Name <u>Robert Oglesz</u> Signature <u>[Signature]</u></p> <p>Company Name: <u>Ogles Roofing & Construction</u></p> <p>License #: <u>CCC 9328699</u> Phone #: <u>386-3104-4838</u></p>	<p>Need</p> <p><input type="checkbox"/> Lic</p> <p><input type="checkbox"/> Lab</p> <p><input type="checkbox"/> w/c</p> <p><input type="checkbox"/> EX</p> <p><input type="checkbox"/> DE</p>
<p>SHEET METAL</p> <p><input type="checkbox"/></p> <p>CC#</p>	<p>Print Name _____ Signature _____</p> <p>Company Name: _____</p> <p>License #: _____ Phone #: _____</p>	<p>Need</p> <p><input type="checkbox"/> Lic</p> <p><input type="checkbox"/> Lab</p> <p><input type="checkbox"/> W/C</p> <p><input type="checkbox"/> EX</p> <p><input type="checkbox"/> DE</p>
<p>FIRE SYSTEM/ SPRINKLER</p> <p><input type="checkbox"/></p> <p>CC#</p>	<p>Print Name _____ Signature _____</p> <p>Company Name: _____</p> <p>License #: _____ Phone #: _____</p>	<p>Need</p> <p><input type="checkbox"/> Lic</p> <p><input type="checkbox"/> Lab</p> <p><input type="checkbox"/> w/c</p> <p><input type="checkbox"/> EX</p> <p><input type="checkbox"/> DE</p>
<p>SOLAR</p> <p><input type="checkbox"/></p> <p>CC#</p>	<p>Print Name _____ Signature _____</p> <p>Company Name: _____</p> <p>License #: _____ Phone #: _____</p>	<p>Need</p> <p><input type="checkbox"/> Lic</p> <p><input type="checkbox"/> Lab</p> <p><input type="checkbox"/> w/c</p> <p><input type="checkbox"/> EX</p> <p><input type="checkbox"/> DE</p>
<p>STATE SPECIALTY</p> <p><input type="checkbox"/></p> <p>CC#</p>	<p>Print Name _____ Signature _____</p> <p>Company Name: _____</p> <p>License #: _____ Phone #: _____</p>	<p>Need</p> <p><input type="checkbox"/> Lic</p> <p><input type="checkbox"/> Lab</p> <p><input type="checkbox"/> W/C</p> <p><input type="checkbox"/> EX</p> <p><input type="checkbox"/> DE</p>



**COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST**

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2017 EFFECTIVE 1 JANUARY 2018
AND THE NATIONAL ELECTRICAL 2014 EFFECTIVE 1 JANUARY 2018

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT FLORIDA BUILDING CODES RESIDENTIAL AND THE NATIONAL ELECTRICAL CODE. 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, FBC 1609.3.1 THRU 1609.3.3.

**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 7/1/18**

Website: <http://www.columbiacountyfla.com/BuildingandZoning.asp>

Items to Include-
Each Box shall be
Circled as
Applicable

GENERAL REQUIREMENTS:

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

Select From Drop down

1	Two (2) complete sets of plans containing the following:	<input checked="" type="checkbox"/>		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void	<input checked="" type="checkbox"/>		
3	Condition space (Sq. Ft.) _____ Total (Sq. Ft.) under roof 720	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Yes	No	NA

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 107.1.

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	Yes	No	NA

Select From Drop down

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/m ²), to be used for the design of exterior component, cladding materials not speciffally 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	- /		
19	Number of stories	- /		
20	Building height from the established grade to the roofs highest peak	- /		

Floor Plan Including:

21	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	-	✓		
22	Raised floor surfaces located more than 30 inches above the floor or grade	-	✓		
23	All exterior and interior shear walls indicated	-	✓		
24	Shear wall opening shown (Windows, Doors and Garage doors)	-			
25	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section FBC 1405.13.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.	-	✓		
26	Safety glazing of glass where needed	-			
27	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 and chapter 24 of FBCR)	-			
28	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails	-			✓
29	Identify accessibility of bathroom (see FBCR SECTION 320)	-			✓

All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plans (see Florida product approval form)

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable
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FBCR 403: Foundation Plans

				Select From Drop down
30	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	-	✓	
31	All posts and/or column footing including size and reinforcing	-	✓	
32	Any special support required by soil analysis such as piling.	-	✓	
33	Assumed load-bearing value of soil <i>1000</i> Pound Per Square Foot	-	✓	
34	Location of horizontal and vertical steel, for foundation or walls (include # size and type) For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3	-	✓	

FBCR 506: CONCRETE SLAB ON GRADE

35	Show Vapor retarder (6mil. Polyethylene with joints taped 6 inches and sealed)	-	✓		
36	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports	-	✓		

FBCR 318: PROTECTION AGAINST TERMITES

37	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or Submit other approved termite protection methods. Protection shall be provided by registered termiticides	-	✓		
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FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

38	Show all materials making up walls, wall height, and Block size, mortar type	-			✓
39	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	-			✓

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Floor Framing System: First and/or second story

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

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

<p>GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL</p>	<p>Items to Include- Each Box shall be Circled as Applicable</p>
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Select from Drop down

53	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	-			
54	Fastener schedule for structural members per table FBC-R602.3.2 are to be shown	-			
55	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	-			
56	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	-			
57	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBC-R602.7.	-			
58	Indicate where pressure treated wood will be placed	-			
59	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	-			
60	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	-			

FBCR :ROOF SYSTEMS:

61	Truss design drawing shall meet section FBC-R 802.10. 1 Wood trusses	-			
62	Include a layout and truss details, signed and sealed by Florida Professional Engineer	-			
63	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	-			
64	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	-			
65	Provide dead load rating of trusses	-			

FBCR 802:Conventional Roof Framing Layout

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

FBCR 803 ROOF SHEATHING

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

ROOF ASSEMBLIES FRC Chapter 9

72	Include all materials which will make up the roof assembles covering	-	/		
73	Submit Florida Product Approval numbers for each component of the roof assembles covering	-	/		

FBCR Chapter 11 Energy Efficiency Code for Residential Building

Residential construction shall comply with this code by using the following compliance methods in the FBCR Chapter 11 Residential buildings compliance methods. **Two of the required forms are to be submitted, N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.**

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

74	Show the insulation R value for the following areas of the structure	-			/
75	Attic space	-			/
76	Exterior wall cavity	-			/
77	Crawl space	-			/

HVAC information

78	Submit two copies of a Manual J sizing equipment or equivalent computation study	-			/
79	Exhaust fans shown in bathrooms Mechanical exhaust capacity of 50 cfm intermittent or 20 cfm continuous required	-			/
80	Show clothes dryer route and total run of exhaust duct	-			/

Plumbing Fixture layout shown

81	All fixtures waste water lines shall be shown on the foundation plan	-			/
82	Show the location of water heater	-			/

Private Potable Water

83	Pump motor horse power	-			/
84	Reservoir pressure tank gallon capacity	-			/
85	Rating of cycle stop valve if used	-			/

Electrical layout shown including

86	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	-	/		
87	Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A	-	/		
88	Show the location of smoke detectors & Carbon monoxide detectors	-	/		
89	Show service panel, sub-panel, location(s) and total ampere ratings	-	/		
90	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type. For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3	-	/		
91	Appliances and HVAC equipment and disconnects	-			
92	Show all 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed Combination arc-fault circuit interrupter, Protection device.	-	/		

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 performed.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable
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****ITEMS 95, 96, & 98 Are Required After APPROVAL from the ZONING DEPT.****

Select from Drop down

93	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.	-	/		
94	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	-	/		
95	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058	-	/		
96	City of Lake City A City Water and/or Sewer letter. Call 386-752-2031	-	/		/
97	Toilet facilities shall be provided for all construction sites	-	/		
98	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.	-	/		/
99	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 (Municode.com)	-	/		/
100	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.	-	/		/
101	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is \$50.00	-	/		
102	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.	-	/		
103	911 Address: An application for a 911 address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125.	-	/		

Ordinance Sec. 90-75. - Construction debris. (e) It shall be unlawful for any person to dispose of or discard solid waste, including construction or demolition debris at any place within the county other than on an authorized disposal site or at the county's solid waste facilities. The temporary storage, not to exceed seven days of solid waste (excluding construction and demolition debris) on the premises where generated or vegetative trash pending disposition as authorized by law or ordinance, shall not be deemed a violation of this section. The temporary storage of construction and demolition debris on the premises where generated or vegetative trash pending disposition as authorized by law or ordinance shall not be deemed in violation of this section; provided, however, such construction and demolition debris must be disposed of in accordance with this article prior to the county's issuance of a certificate of occupancy for the premises. The burning of lumber from a construction or demolition project or vegetative trash when done so with legal and proper permits from the authorized agencies and in accordance with such agencies' rules and regulations, shall not be deemed a violation of this section. No person shall bury, throw, place, or deposit, or cause to be buried, thrown, placed, or deposited, any solid waste, special waste, or debris of any kind into or on any of the public streets, road right-of-way, highways, bridges, alleys, lanes, thoroughfares, waters, canals, or vacant lots or lands within the county. No person shall bury any vegetative trash on any of the public streets, road right-of-way, highways, bridges, lanes, thoroughfares, waters, canals, or lots less than ten acres in size within the county.

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

Permit Application Number 20-0204

S. Serras PART II - SITEPLAN

Scale: 1 inch = 40 feet.

See attached

Notes: _____

Site Plan submitted by: William A. Bishop II

MASTER CONTRACTOR

Plan Approved

Not Approved

Date 3/12/2020

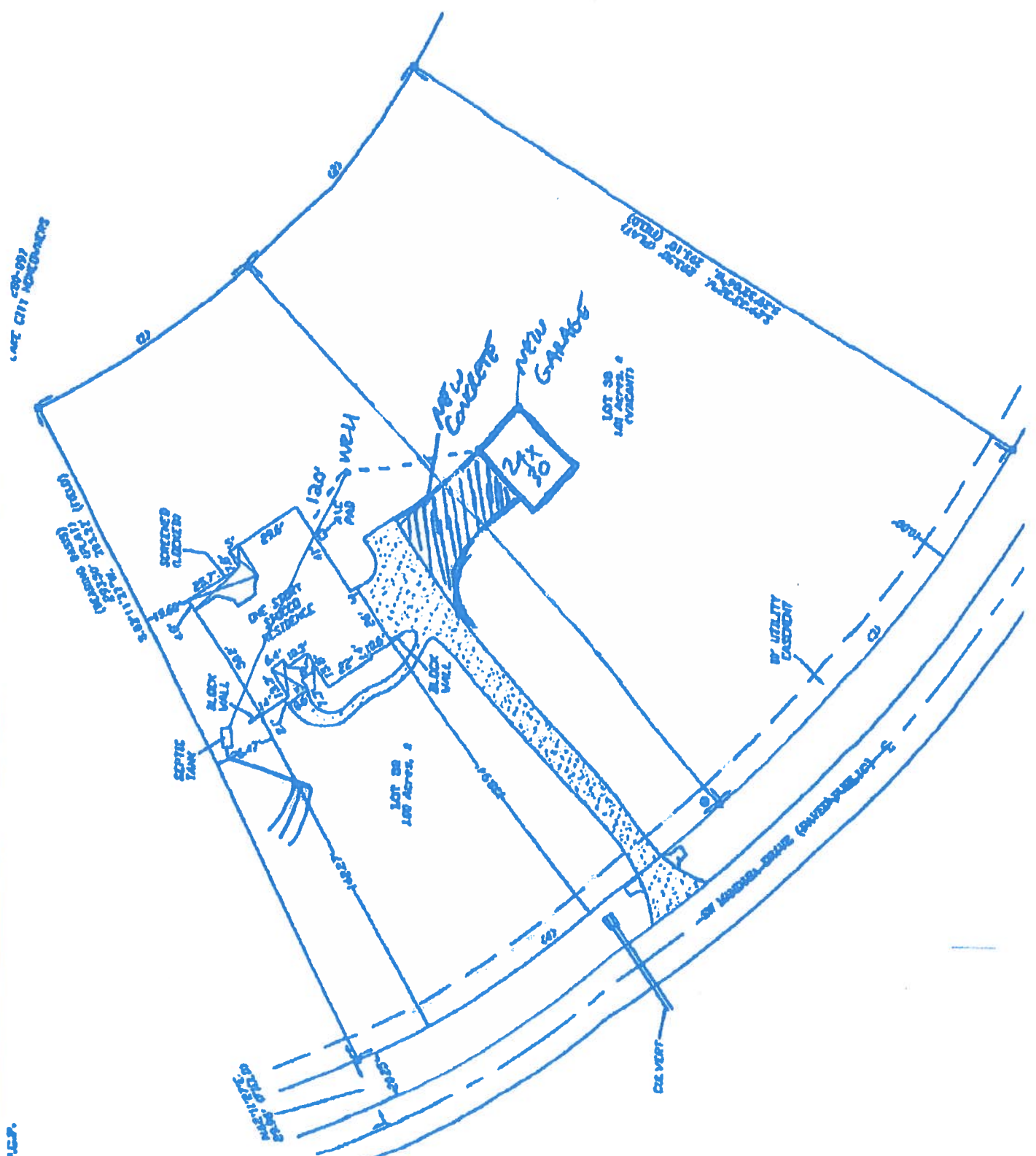
By [Signature] [Signature]

County Health Department

3/16/20

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

1" = 50'
20-0004



William D. Bishop II
3/12/2020



App# 44702

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

PERMIT NO. 25-0254
DATE PAID: 3/12/20
FEE PAID: 60.00
RECEIPT #: 1713187

APPLICATION FOR:

- New System Existing System Holding Tank Innovative
 Repair Abandonment Temporary

APPLICANT: Steven Serras

AGENT: ROCKY FORD, A & B CONSTRUCTION TELEPHONE: 386-497-2311

MAILING ADDRESS: 546 SW Dortch Street, FT. WHITE, FL, 32038

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: 38-19 BLOCK: Ph 1 SUB: Oaks of Lake City PLATTED: _____

PROPERTY ID #: 18-5S-17-09280-139 ZONING: _____ I/M OR EQUIVALENT: Y / N]

PROPERTY SIZE: 2.01 ACRES WATER SUPPLY: PRIVATE PUBLIC]<=2000GPD]>2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? Y / N] DISTANCE TO SEWER: NA FT

PROPERTY ADDRESS: 1167 Mandiba Dr Lake City FL

DIRECTIONS TO PROPERTY: 41 South Right on 131 Cross 240 Right on Custom Made into The Oaks Left on Mandiba Dr 4/10 mile on Left

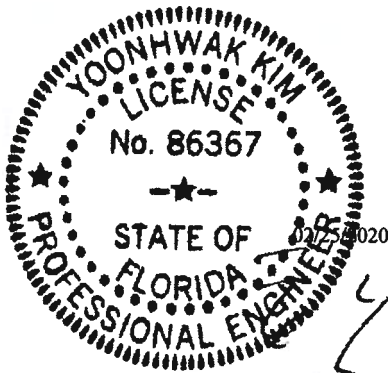
BUILDING INFORMATION

RESIDENTIAL COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	Garage		720	NO plumbing box 24 open
2				
3				

Floor/Equipment Drains Other (Specify) _____

SIGNATURE: William A. Bishop II DATE: 3/12/2020



Alpine, an ITW Company
 6750 Forum Drive, Suite 305
 Orlando, FL 32821
 Phone: (800)755-6001
 www.alpineitw.com

This document has been electronically signed and sealed using a Digital Signature. Printed copies without an original signature must be verified using the original electronic version.

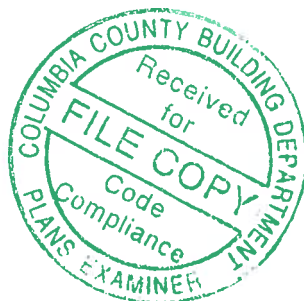
Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	Job Number: 20-3898
Job Description: /Serras /ZECHER CONSTRUCTION	
Address: FL	

Job Engineering Criteria:	
Design Code: FBC 2017 RES	IntelliVIEW Version: 18.02.01B JRef #: 1WT22150001
Wind Standard: ASCE 7-10 Wind Speed (mph): 130	Roof Load (psf): 20.00-10.00- 0.00-10.00
Building Type: Closed	Floor Load (psf): None

This package contains general notes pages, 9 truss drawing(s) and 0 detail(s).

Item	Drawing Number	Truss
1	056.20.1001.09633	A01
3	056.20.1001.12687	A03
5	056.20.1001.15567	J01
7	056.20.1001.18987	J03
9	056.20.1001.31747	J05

Item	Drawing Number	Truss
2	056.20.1001.11293	A02
4	056.20.1001.13867	A04
6	056.20.1001.16987	J02
8	056.20.1001.20087	J04



General Notes

Truss Design Engineer Scope of Work, Design Assumptions and Design Responsibilities:

The design responsibilities assumed in the preparation of these design drawings are those specified in ANSI/TPI 1, Chapter 2; and the National Design Standard for Metal Plate Connected Wood Truss Construction, by the Truss Plate Institute. The truss component designs conform to the applicable provisions of ANSI/TPI 1 and NDS, the National Design Specification for Wood Construction by AWC. The truss component designs are based on the specified loading and dimension information furnished by others to the Truss Design Engineer. The Truss Design Engineer has no duty to independently verify the accuracy or completeness of the information provided by others and may rely on that information without liability. The responsibility for verification of that information remains with others neither employed nor controlled by the Truss Design Engineer. The Truss Design Engineer's seal and signature on the attached drawings, or cover page listing these drawings, indicates acceptance of professional engineering responsibility solely for the truss component designs and not for the technical information furnished by others which technical information and consequences thereof remain their sole responsibility.

The suitability and use of these drawings for any particular structure is the responsibility of the Building Designer in accordance with ANSI/TPI 1 Chapter 2. The Building Designer is responsible for determining that the dimensions and loads for each truss component match those required by the plans and by the actual use of the individual component, and for ascertaining that the loads shown on the drawings meet or exceed applicable building code requirements and any additional factors required in the particular application. Truss components using metal connector plates with integral teeth shall not be placed in environments that will cause the moisture content of the wood in which plates are embedded to exceed 19% and/or cause corrosion of connector plates and other metal fasteners.

The Truss Design Engineer shall not be responsible for items beyond the specific scope of the agreed contracted work set forth herein, including but not limited to: verifying the dimensions of the truss component, calculation of any of the truss component design loads, inspection of the truss components before or after installation, the design of temporary or permanent bracing and their attachment required in the roof and/or floor systems, the design of diaphragms or shear walls, the design of load transfer connections to and from diaphragms and shear walls, the design of load transfer to the foundation, the design of connections for truss components to their bearing supports, the design of the bearing supports, installation of the truss components, observation of the truss component installation process, review of truss assembly procedures, sequencing of the truss component installation, construction means and methods, site and/or worker safety in the installation of the truss components and/or its connections.

This document may be a high quality facsimile of the original engineering document which is a digitally signed electronic file with third party authentication. A wet or embossed seal copy of this engineering document is available upon request.

Temporary Lateral Restraint and Bracing:

Temporary lateral restraint and diagonal bracing shall be installed according to the provisions of BCSI chapters B1, B2, B7 and/or B10 (Building Component Safety Information, by TPI and SBCA), or as specified by the Building Designer or other Registered Design Professional. The required locations for lateral restraint and/or bracing depicted on these drawings are only for the permanent lateral support of the truss members to reduce buckling lengths, and do not apply to and may not be relied upon for the temporary stability of the truss components during their installation.

Permanent Lateral Restraint and Bracing:

The required locations for lateral restraint or bracing depicted on these drawings are for the permanent lateral support of the truss members to reduce buckling lengths. Permanent lateral support shall be installed according to the provisions of BCSI chapters B3, B7 and/or B10, or as specified by the Building Designer or other Registered Design Professional. These drawings do not depict or specify installation/erection bracing, wind bracing, portal bracing or similar building stability bracing which are parts of the overall building design to be specified, designed and detailed by the Building Designer.

Connector Plate Information:

Alpine connector plates are made of ASTM A653 or ASTM A1063 galvanized steel with the following designations, gauges and grades: W=Wave, 20ga, grade 40; H=High Strength, 20ga, grade 60; S=Super Strength, 18ga, grade 60. Information on model code compliance is contained in the ICC Evaluation Service report ESR-1118, available on-line at www.icc-es.org.

Fire Retardant Treated Lumber:

Fire retardant treated lumber must be properly re-dried and maintained below 19% or less moisture level through all stages of construction and usage. Fire retardant treated lumber may be more brittle than untreated lumber. Special handling care must be taken to prevent breakage during all handling activities.

General Notes (continued)

Key to Terms:

Information provided on drawings reflects a summary of the pertinent information required for the truss design. Detailed information on load cases, reactions, member lengths, forces and members requiring permanent lateral support may be found in calculation sheets available upon written request.

BCDL = Bottom Chord standard design Dead Load in pounds per square foot.

BCLL = Bottom Chord standard design Live Load in pounds per square foot.

CL = Certified lumber.

Des Ld = total of TCLL, TCDL, BCLL and BCDL Design Load in pounds per square foot.

FRT = Fire Retardant Treated lumber.

FRT-DB = D-Blaze Fire Retardant Treated lumber.

FRT-DC = Dricon Fire Retardant Treated lumber.

FRT-FP = FirePRO Fire Retardant Treated lumber.

FRT-FL = FlamePRO Fire Retardant Treated lumber.

FRT-FT = FlameTech Fire Retardant Treated lumber.

FRT-PG = PYRO-GUARD Fire Retardant Treated lumber.

g = green lumber.

HORZ(LL) = maximum Horizontal panel point deflection due to Live Load, in inches.

HORZ(TL) = maximum Horizontal panel point long term deflection in inches, due to Total Load, including creep adjustment.

HPL = additional Horizontal Load added to a truss Piece in pounds per linear foot or pounds.

Ic = Incised lumber.

FJ = Finger Jointed lumber.

L/# = user specified divisor for limiting span/deflection ratio for evaluation of actual L/defl value.

L/defl = ratio of Length between bearings, in inches, divided by the vertical Deflection due to creep, in inches, at the referenced panel point. Reported as 999 if greater than or equal to 999.

Loc = Location, starting location of left end of bearing or panel point (joint) location of deflection.

Max BC CSI = Maximum bending and axial Combined Stress Index for Bottom Chords for of all load cases.

Max TC CSI = Maximum bending and axial Combined Stress Index for Top Chords for of all load cases.

Max Web CSI = Maximum bending and axial Combined Stress Index for Webs for of all load cases.

NCBCLL = Non-Concurrent Bottom Chord design Live Load in pounds per square foot.

PL = additional Load applied at a user specified angle on a truss Piece in pounds per linear foot or pounds.

PLB = additional vertical load added to a Bottom chord Piece of a truss in pounds per linear foot or pounds

PLT = additional vertical load added to a Top chord Piece of a truss in pounds per linear foot or pounds.

PP = Panel Point.

R = maximum downward design Reaction, in pounds, from all specified gravity load cases, at the indicated location (Loc).

-R = maximum upward design Reaction, in pounds, from all specified gravity load cases, at the identified location (Loc).

Rh = maximum horizontal design Reaction in either direction, in pounds, from all specified gravity load cases, at the indicated location (Loc).

RL = maximum horizontal design Reaction in either direction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).

Rw = maximum downward design Reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the identified location (Loc).

TCDL = Top Chord standard design Dead Load in pounds per square foot.

TCLL = Top Chord standard design Live Load in pounds per square foot.

U = maximum Upward design reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).

VERT(CL) = maximum Vertical panel point deflection in inches due to Live Load and Creep Component of Dead Load in inches.

VERT(CTL) = maximum Vertical panel point deflection ratios due to Live Load and Creep Component of Dead Load, and maximum long term Vertical panel point deflection in inches due to Total load, including creep adjustment.

VERT(LL) = maximum Vertical panel point deflection in inches due to Live Load.

VERT(TL) = maximum Vertical panel point long term deflection in inches due to Total load, including creep adjustment.

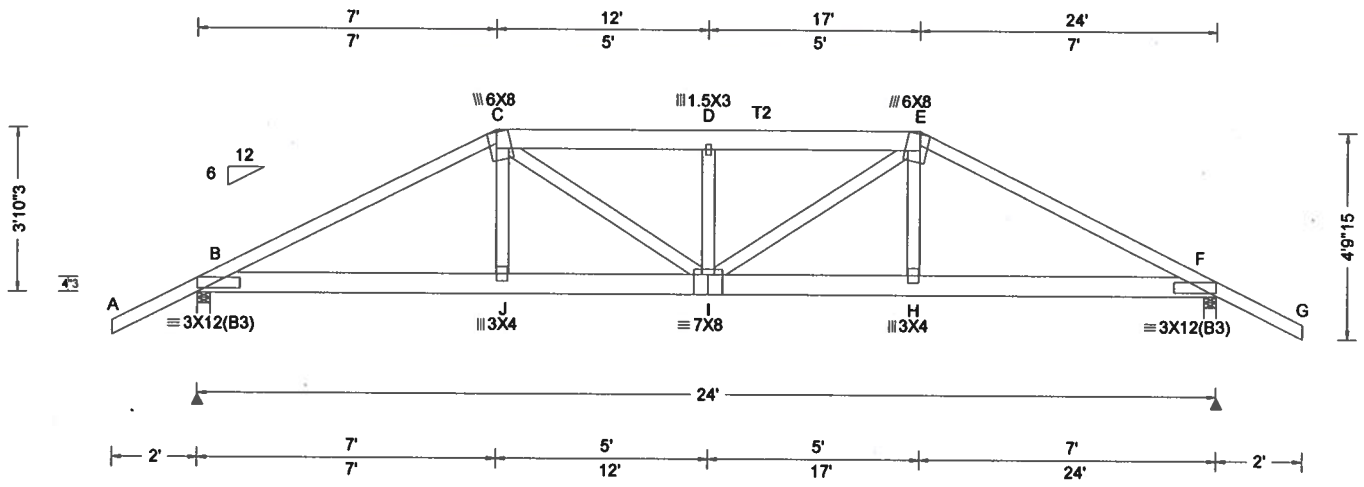
W = Width of non-hanger bearing, in inches.

Refer to ASCE-7 for Wind and Seismic abbreviations.

Uppercase Acronyms not explained above are as defined in TPI 1.

References:

1. AWC: American Wood Council; 222 Catoctin Circle SE, Suite 201; Leesburg, VA 20175; www.awc.org.
2. ICC: International Code Council; www.iccsafe.org.
3. Alpine, a division of ITW Building Components Group Inc.: 13723 Riverport Drive, Suite 200, Maryland Heights, MO 63043; www.alpineitw.com.
4. TPI: Truss Plate Institute, 2670 Crain Highway, Suite 203, Waldorf, MD 20601; www.tpinst.org.
5. SBCA: Wood Truss Council of America, 6300 Enterprise Lane, Madison, WI 53719; www.sbcindustry.com.



Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.130 D 999 240 VERT(CL): 0.259 D 999 180 HORZ(LL): 0.032 H - - HORZ(TL): 0.064 H - - Creep Factor: 2.0 Max TC CSI: 0.872 Max BC CSI: 0.277 Max Web CSI: 0.351 VIEW Ver: 18.02.01B.0321.08	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL B 2263 -/- /- /- /498 -/ F 2263 -/- /- /- /498 -/ Wind reactions based on MWFRS B Brg Width = 3.5 Min Req = 1.9 F Brg Width = 3.5 Min Req = 1.9 Bearings B & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 897 -4183 D - E 945 -4460 C - D 945 -4460 E - F 897 -4183
--	--	---	---	--

Lumber
Top chord: 2x4 SP #2; T2 2x6 SP 2400f-2.0E;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3;

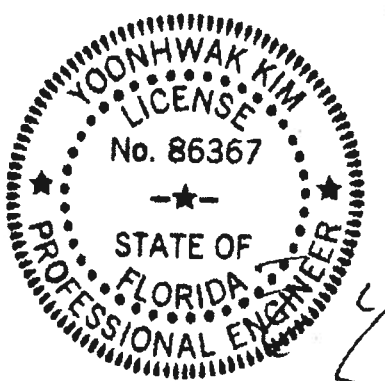
Special Loads
—(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From 62 plf at -2.00 to 62 plf at 7.00
TC: From 31 plf at 7.00 to 31 plf at 17.00
TC: From 62 plf at 17.00 to 62 plf at 26.00
BC: From 4 plf at -2.00 to 4 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 7.03
BC: From 10 plf at 7.03 to 10 plf at 16.97
BC: From 20 plf at 16.97 to 20 plf at 24.00
BC: From 4 plf at 24.00 to 4 plf at 26.00
TC: 358 lb Conc. Load at 7.03,16.97
TC: 182 lb Conc. Load at 9.06,11.06,12.94,14.94
BC: 370 lb Conc. Load at 7.03,16.97
BC: 127 lb Conc. Load at 9.06,11.06,12.94,14.94

Purlins
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind
Wind loads and reactions based on MWFRS.
Uplifts based on an elevation at or above 15 ft.

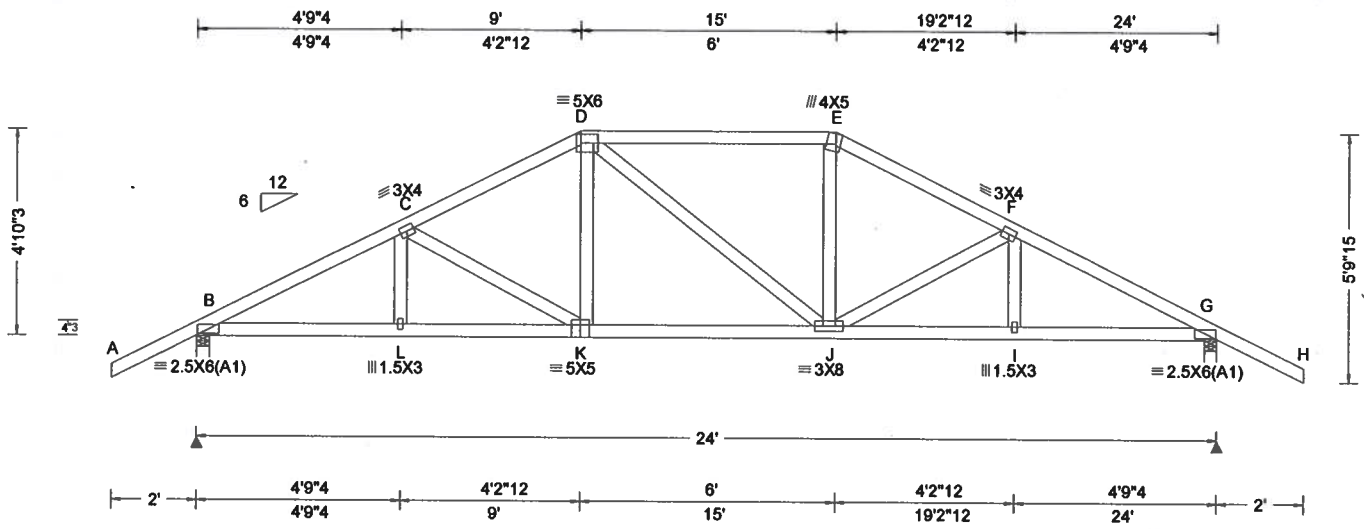
Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 3-10-3.



FL REG# 278, Yoonhwak Kim, FL PE #86367
02/25/2020

****WARNING** READ AND FOLLOW ALL NOTES ON THIS DRAWING!**
****IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS**
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions.
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinet.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org





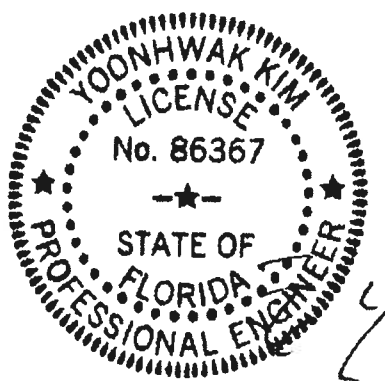
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Snow Criteria (Pg.Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.061 K 999 240 VERT(CL): 0.122 K 999 180 HORZ(LL): 0.027 I - - HORZ(TL): 0.053 I - - Creep Factor: 2.0 Max TC CSI: 0.442 Max BC CSI: 0.503 Max Web CSI: 0.141 VIEW Ver: 18.02.01B.0321.08	▲ Maximum Reactions (lbs) <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="2">Gravity</th> <th colspan="2">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/Rh</th> <th>/Rw</th> <th>/U /RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>1122</td> <td>-</td> <td>-</td> <td>/683 /207 /165</td> </tr> <tr> <td>G</td> <td>1122</td> <td>-</td> <td>-</td> <td>/683 /207 -</td> </tr> </tbody> </table> <p>Wind reactions based on MWFRS B Brg Width = 3.5 Min Req = 1.5 G Brg Width = 3.5 Min Req = 1.5 Bearings B & G are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>B - C</td> <td>417 - 1689</td> <td>E - F</td> <td>388 - 1383</td> </tr> <tr> <td>C - D</td> <td>391 - 1389</td> <td>F - G</td> <td>416 - 1689</td> </tr> <tr> <td>D - E</td> <td>386 - 1201</td> <td></td> <td></td> </tr> </tbody> </table> Maximum Bot Chord Forces Per Ply (lbs) <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>B - L</td> <td>1446 - 254</td> <td>J - I</td> <td>1445 - 293</td> </tr> <tr> <td>L - K</td> <td>1445 - 255</td> <td>I - G</td> <td>1446 - 292</td> </tr> <tr> <td>K - J</td> <td>1198 - 177</td> <td></td> <td></td> </tr> </tbody> </table></p>	Loc	Gravity		Non-Gravity		R+	/Rh	/Rw	/U /RL	B	1122	-	-	/683 /207 /165	G	1122	-	-	/683 /207 -	Chords	Tens.Comp.	Chords	Tens. Comp.	B - C	417 - 1689	E - F	388 - 1383	C - D	391 - 1389	F - G	416 - 1689	D - E	386 - 1201			Chords	Tens.Comp.	Chords	Tens. Comp.	B - L	1446 - 254	J - I	1445 - 293	L - K	1445 - 255	I - G	1446 - 292	K - J	1198 - 177		
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Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Purlins
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind
Wind loads based on MWFRS with additional C&C member design.
Uplifts based on an elevation at or above 15 ft.

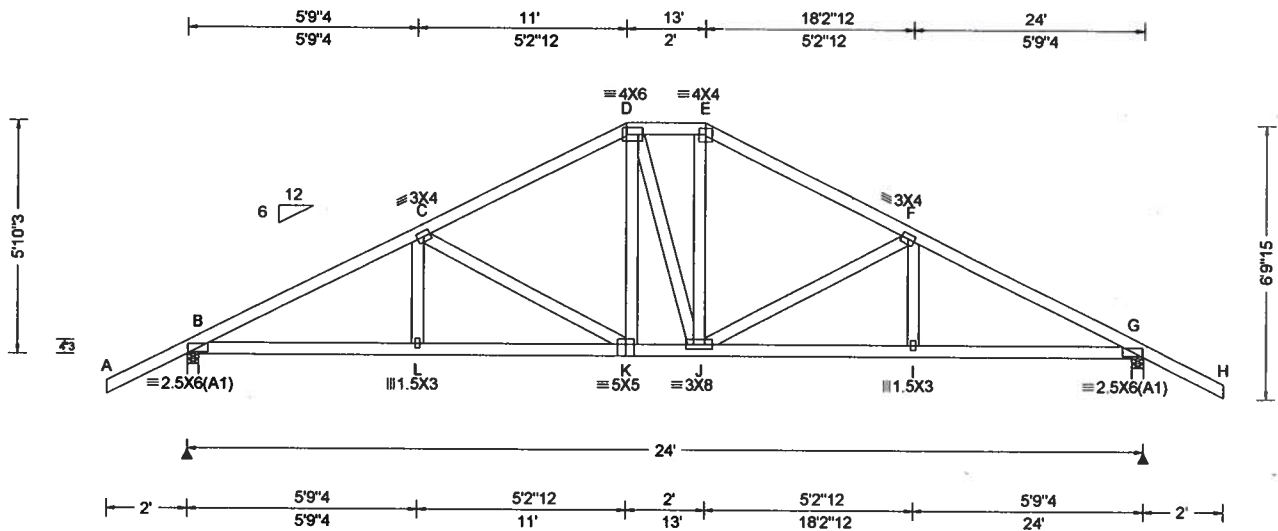
Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 4-10-3.



FL REG# 278, Yoonhwak Kim, FL PE #86367
02/25/2020

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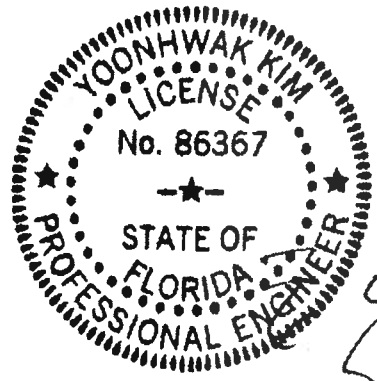
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Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Purlins
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind
Wind loads based on MWFRS with additional C&C member design.
Uplifts based on an elevation at or above 15 ft.

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 5-10-3.

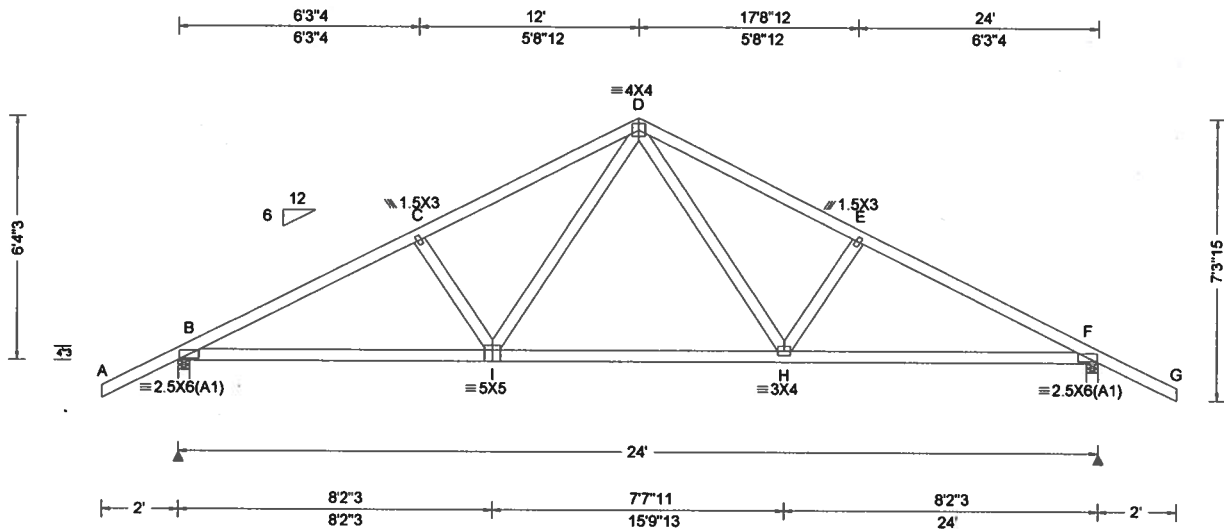


FL REG# 278, Yoonhwak Kim, FL PE #86367
02/25/2020

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SEQN: 581495 FROM: CDM	COMN Ply: 1 Qty: 3	Job Number: 20-3898 /Serras /ZECHER CONSTRUCTION Truss Label: A04	Cust: R 215 JRef: 1WT22150001 T4 DrwNo: 056.20.1001.13867 / YK 02/25/2020
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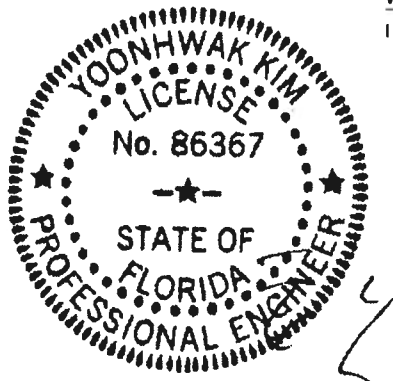
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Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Loading
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind
Wind loads based on MWFRS with additional C&C member design.
Uplifts based on an elevation at or above 15 ft.

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 6-4-3.



FL REG# 278, Yoonhwak Kim, FL PE #86367
02/25/2020

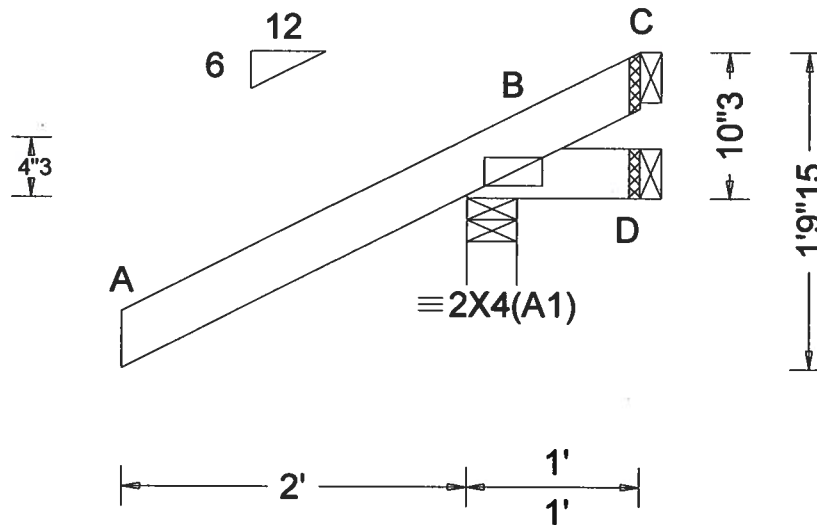
Maximum Bot Chord Forces Per Ply (lbs)
Chords Tens.Comp. Chords Tens. Comp.
B - I 1507 -190 H - F 1509 -228
I - H 1028 -82

Maximum Web Forces Per Ply (lbs)
Webs Tens.Comp. Webs Tens. Comp.
I - D 575 -123 D - H 579 -122

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SEQN: 581475 FROM: CDM	JACK Qty: 8	Ply: 1	Job Number: 20-3898 /Serras /ZECHER CONSTRUCTION Truss Label: J01	Cust: R 215 JRef: 1WT22150001 T8 DrwNo: 056.20.1001.15567 / YK 02/25/2020
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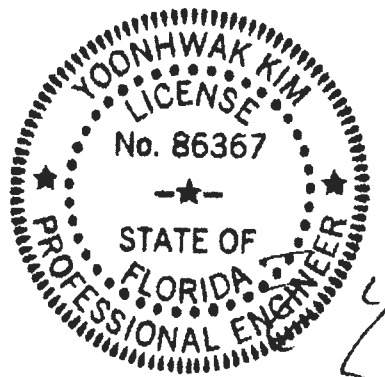


Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)						
				Gravity			Non-Gravity			
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/def L/#	Loc	R+	/R-	/Rh	/Rw	/U	/RL
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	B	361	-	-	/298	/116	/42
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	D	-	-39	-	/27	/38	-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 D - -	C	-	-106	-	/56	/104	-
Des Ld: 40.00	EXP: C Kzt: NA	Code / Misc Criteria	HORZ(TL): 0.001 D - -	Wind reactions based on MWFRS						
NCBCLL: 10.00	Mean Height: 15.00 ft	Bldg Code: FBC 2017 RES	Creep Factor: 2.0	B	Brg Width = 3.5			Min Req = 1.5		
Soffit: 2.00	TCDL: 5.0 psf	TPI Std: 2014	Max TC CSI: 0.563	D	Brg Width = 1.5			Min Req = -		
Load Duration: 1.25	BCDL: 5.0 psf	Rep Fac: Yes	Max BC CSI: 0.074	C	Brg Width = 1.5			Min Req = -		
Spacing: 24.0"	MWFRS Parallel Dist: 0 to h/2	FT/RT:20(0)/10(0)	Max Web CSI: 0.000	Bearing B is a rigid surface.						
	C&C Dist a: 3.00 ft	Plate Type(s):	VIEW Ver: 18.02.01B.0321.08	Members not listed have forces less than 375#						
	Loc. from endwall: Any	WAVE								
	GCpi: 0.18									
	Wind Duration: 1.60									

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

Wind
Wind loads based on MWFRS with additional C&C member design.
Uplifts based on an elevation at or above 15 ft.

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 0-10-3.



FL REG# 278, Yoonhwak Kim, FL PE #86367
02/25/2020

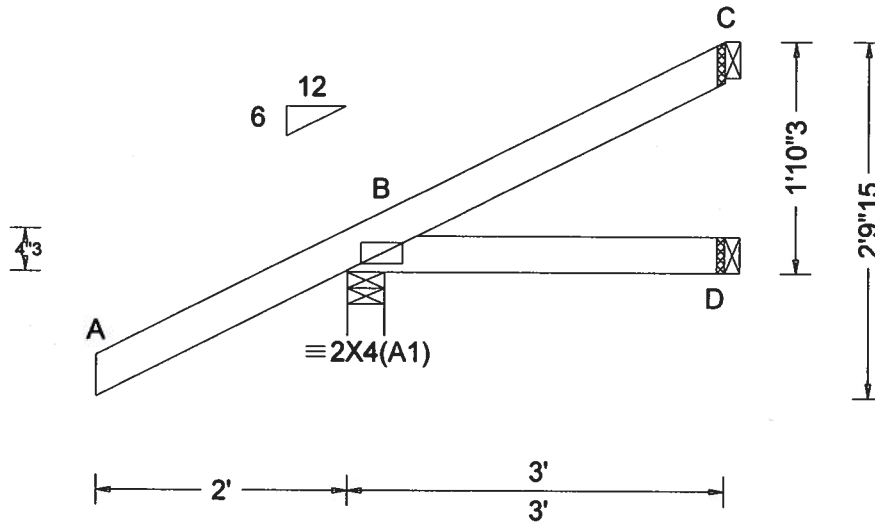
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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 581477 FROM: CDM	JACK Qty: 8	Ply: 1	Job Number: 20-3898 /Serras /ZECHER CONSTRUCTION Truss Label: J02	Cust: R 215 JRef: 1WT22150001 T7 DrwNo: 056.20.1001.16987 / YK 02/25/2020
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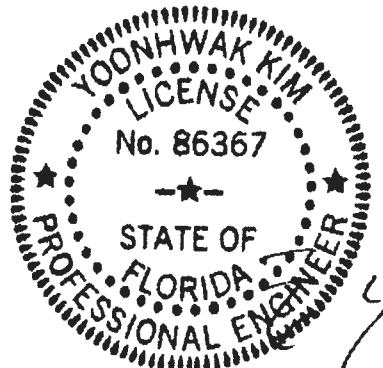


Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0"	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.001 D - - HORZ(TL): 0.002 D - - Creep Factor: 2.0 Max TC CSI: 0.325 Max BC CSI: 0.096 Max Web CSI: 0.000	▲ Maximum Reactions (lbs)																															
				<table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>317</td> <td>-</td> <td>-</td> <td>/240</td> <td>/61</td> <td>/71</td> </tr> <tr> <td>D</td> <td>45</td> <td>-</td> <td>-</td> <td>/41</td> <td>/8</td> <td>-</td> </tr> <tr> <td>C</td> <td>49</td> <td>-</td> <td>-</td> <td>/27</td> <td>/20</td> <td>-</td> </tr> </tbody> </table>		Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	317	-	-	/240	/61	/71	D	45	-	-	/41	/8	-	C	49	-
Loc	Gravity			Non-Gravity																															
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B	317	-	-	/240	/61	/71																													
D	45	-	-	/41	/8	-																													
C	49	-	-	/27	/20	-																													

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

Wind
Wind loads based on MWFRS with additional C&C member design.
Uplifts based on an elevation at or above 15 ft.

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 1-10-3.



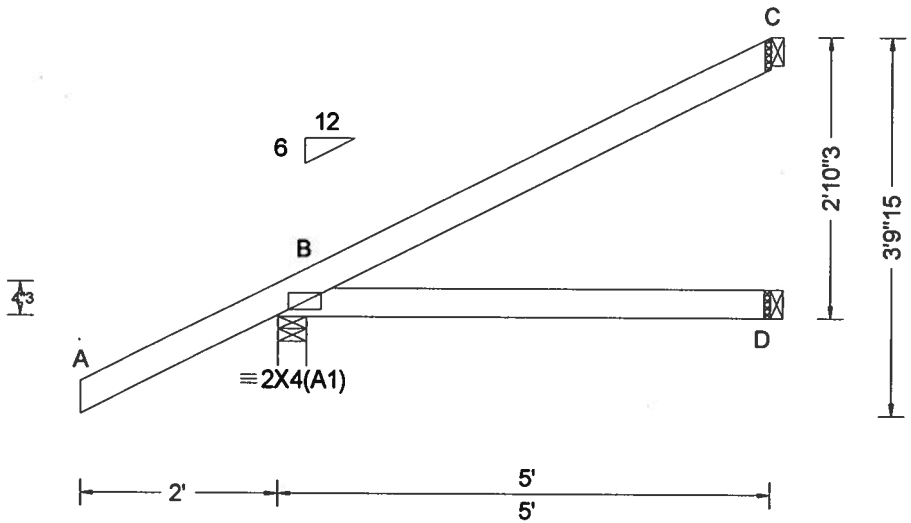
FL REG# 278, Yoonhwak Kim, FL PE #86367
02/25/2020

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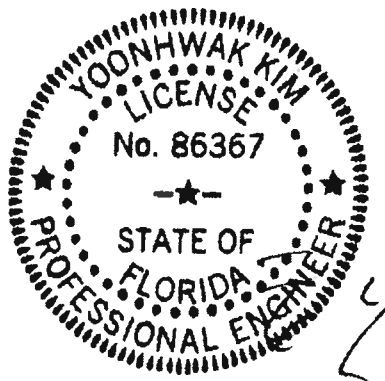
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)																																		
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.003 D - - HORZ(TL): 0.006 D - - Creep Factor: 2.0 Max TC CSI: 0.343 Max BC CSI: 0.234 Max Web CSI: 0.000	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>377</td> <td>-</td> <td>-</td> <td>1274</td> <td>/61</td> <td>/100</td> </tr> <tr> <td>D</td> <td>87</td> <td>-</td> <td>-</td> <td>165</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>120</td> <td>-</td> <td>-</td> <td>157</td> <td>/46</td> <td>-</td> </tr> </tbody> </table> <p>Wind reactions based on MWFRS B Brg Width = 3.5 Min Req = 1.5 D Brg Width = 1.5 Min Req = - C Brg Width = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#</p>	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	377	-	-	1274	/61	/100	D	87	-	-	165	-	-	C	120	-	-	157	/46	-
Loc	Gravity			Non-Gravity																																		
	R+	/R-	/Rh	/Rw	/U	/RL																																
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D	87	-	-	165	-	-																																
C	120	-	-	157	/46	-																																
Lumber		Code / Misc Criteria		VIEW Ver: 18.02.01B.0321.08																																		
Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;		Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE																																				

Wind
Wind loads based on MWFRS with additional C&C member design.
Uplifts based on an elevation at or above 15 ft.

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 2-10-3.



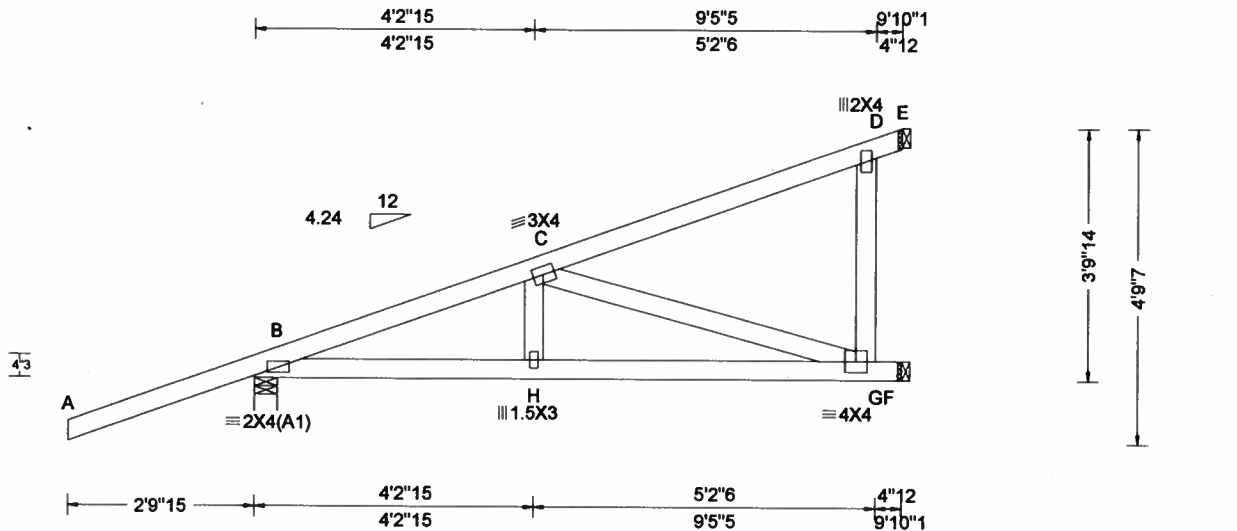
FL REG# 278, Yoonhwak Kim, FL PE #86367
02/25/2020

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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinet.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org





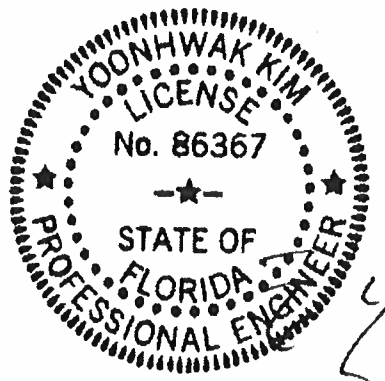
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.030 H 999 240 VERT(CL): 0.055 H 999 180 HORZ(LL): 0.006 C - - HORZ(TL): 0.012 C - - Creep Factor: 2.0 Max TC CSI: 0.779 Max BC CSI: 0.811 Max Web CSI: 0.342 VIEW Ver: 18.02.01B.0321.08	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL B 389 /- /- /- /323 /- F 243 /- /- /- /116 /- E 176 /- /- /17 /- /- Wind reactions based on MWFRS B Brg Width = 4.2 Min Req = 1.5 F Brg Width = 1.5 Min Req = - E Brg Width = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. B - C 358 -657 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - H 638 -292 H - G 627 -289 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. C - G 299 -632
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Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Special Loads
(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 0 plf at -2.83 to 61 plf at 0.00
TC: From 2 plf at 0.00 to 2 plf at 9.84
BC: From 0 plf at -2.83 to 4 plf at 0.00
BC: From 2 plf at 0.00 to 2 plf at 9.84
TC: -83 lb Conc. Load at 1.41
TC: 99 lb Conc. Load at 4.24
TC: 241 lb Conc. Load at 7.07
BC: -9 lb Conc. Load at 1.41
BC: 91 lb Conc. Load at 4.24
BC: 174 lb Conc. Load at 7.07

Wind
Wind loads and reactions based on MWFRS.
Uplifts based on an elevation at or above 15 ft.

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 3-9-14.



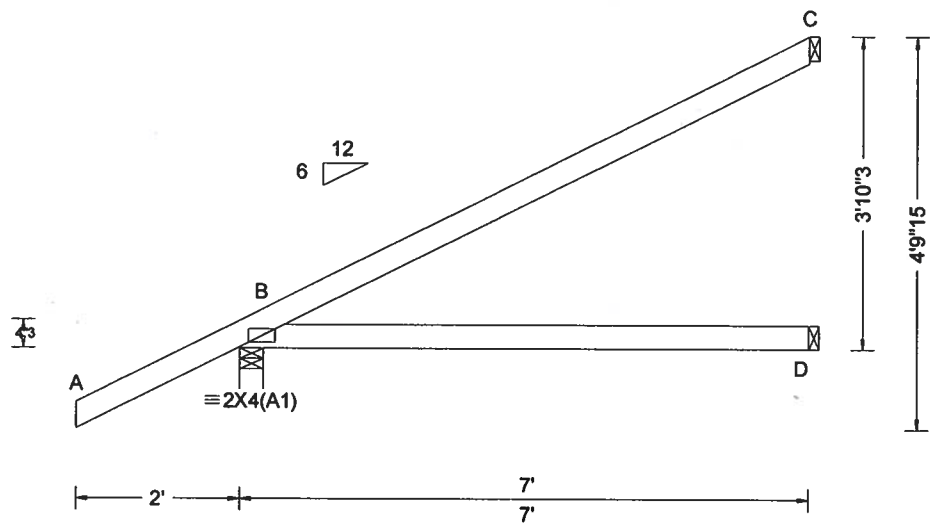
FL REG# 278, Yoonhwak Kim, FL PE #86367
02/25/2020

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SEQN: 581483 FROM: CDM	EJAC Ply: 1 Qty: 12	Job Number: 20-3898 /Serras /ZECHER CONSTRUCTION Truss Label: J05	Cust: R 215 JRef: 1WT22150001 T9 DwnNo: 056.20.1001.31747 / YK 02/25/2020
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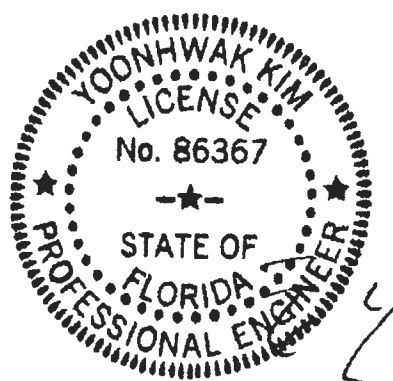


Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0"	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.012 D - - HORZ(TL): 0.024 D - - Creep Factor: 2.0 Max TC CSI: 0.676 Max BC CSI: 0.498 Max Web CSI: 0.000 VIEW Ver: 18.02.01B.0321.08	▲ Maximum Reactions (lbs)																																	
				<table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>450</td> <td>-</td> <td>-</td> <td>/320</td> <td>/65</td> <td>/128</td> </tr> <tr> <td>D</td> <td>127</td> <td>-</td> <td>-</td> <td>/89</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>182</td> <td>-</td> <td>-</td> <td>/91</td> <td>/69</td> <td>-</td> </tr> </tbody> </table>		Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	450	-	-	/320	/65	/128	D	127	-	-	/89	-	-	C	182	-	-	/91
Loc	Gravity			Non-Gravity																																	
	R+	/R-	/Rh	/Rw	/U	/RL																															
B	450	-	-	/320	/65	/128																															
D	127	-	-	/89	-	-																															
C	182	-	-	/91	/69	-																															

Lumber
 Top chord: 2x4 SP #2;
 Bot chord: 2x4 SP #2;

Wind
 Wind loads based on MWFRS with additional C&C member design.
 Uplifts based on an elevation at or above 15 ft.

Additional Notes
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 The overall height of this truss excluding overhang is 3-10-3.

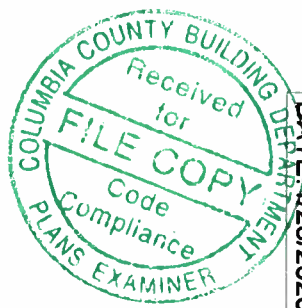
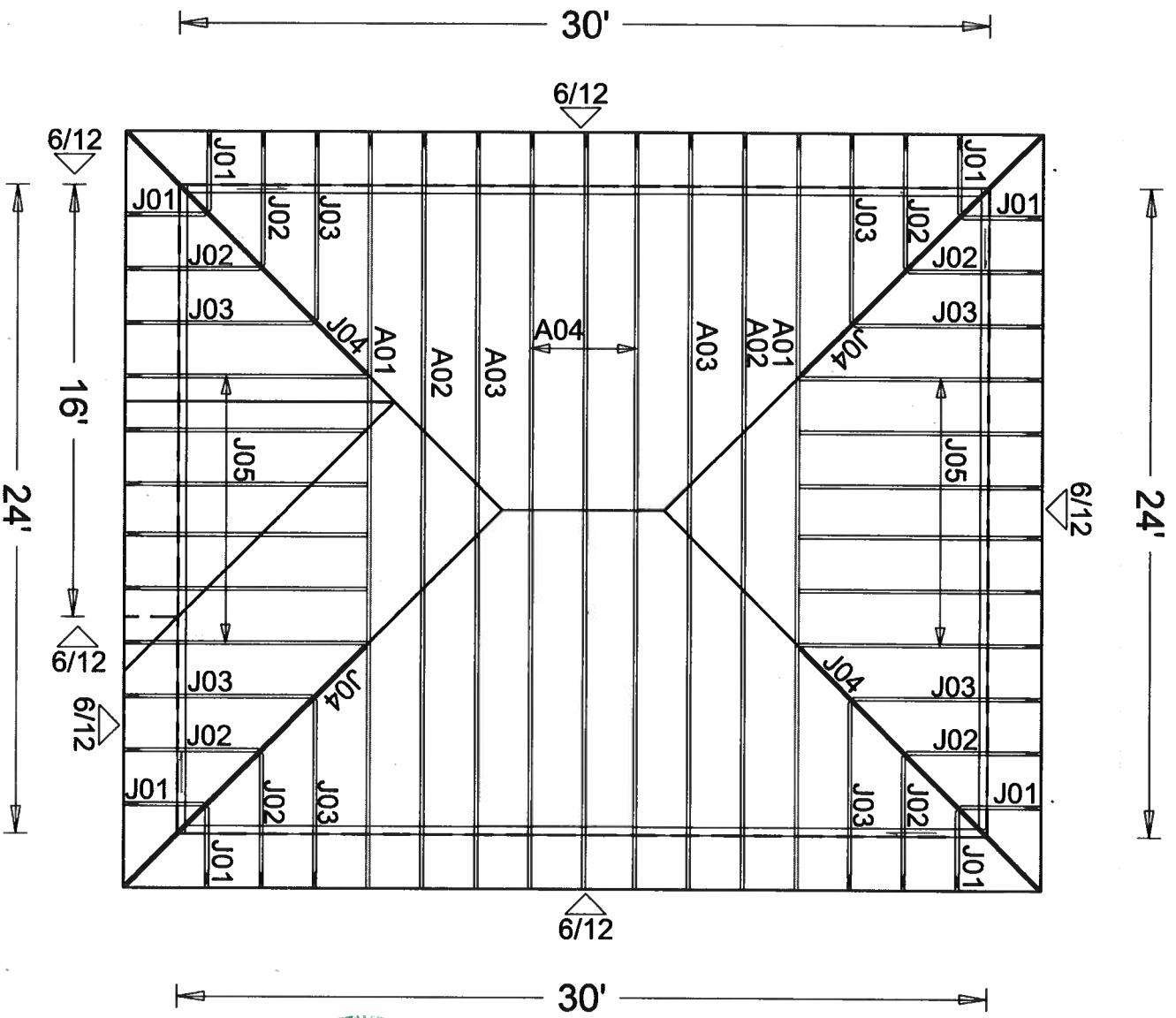


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DATE: 1/23/2020

ROOF PITCH: 6/12
 OVERHANG: 24"
 PLUMB CUT
 CEILING: FLAT THROUGHOUT
 EXT. WALLS: 2 X 4
 LOADING: 40 PSF
 WIND LOAD: 130 MPH
 EXPOSURE: "C"

W.B. Howland Truss Co.
 610 11th St. SW
 Live Oak, FL 32064
 (386) 362-1235
 (386) 362-7124 (Fax)
 howlandtruss@gmail.com

JOB #: 20-3898

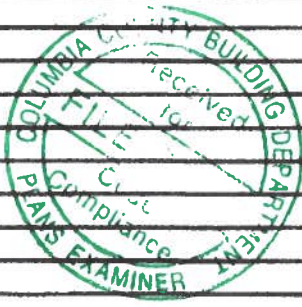
Job Name: Serras
 Customer: ZECHER CONSTRUCTION
 Designer: Lynn Bell
 ADDRESS:
 SALESMAN: DB
 : <Not Found>

JOB NO:
 20-3898

PAGE NO:
 1 OF 1

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			
A. SWINGING	THERMO - TRU	EXTERIOR HINGED DOORS	FL 5891 - R3
B. SLIDING	PGT	SLIDING GLASS DOORS	FL 251 - R15
C. SECTIONAL/ROLL UP		GARAGE DOORS	FL 5678 - R2
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	PGT	WINDOW	FL 239 - R19
B. HORIZONTAL SLIDER	PGT	WINDOW	FL 242 - R16
C. CASEMENT			
D. FIXED	PGT	WINDOW	FL 243 - R14
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	HARDIE	PANEL WALL SIDING	FL 13192 - R5
B. SOFFITS	KAYCON	ALUMINUM SOFFIT / FACIA	FL 12198 - R1
C. STOREFRONTS	STO	STUCCO FINISH	FL 15026 - R1
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	GAF	ARCH SHINGLES 30YR	FL 10124 - R20
B. NON-STRUCTURAL METAL	GAF	TAR PAPER	FL 4911 - R3
C. ROOFING TILES	OMG	ROOFING NAILS	FL 699 - R3
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS	USPC	ANCHORS	FL 5631 - R1
B. WOOD ANCHORS	USPC	ANCHORS	FL 5631 - R1
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 5/2/18

NOTES: _____

