PREPARED 7/10/18, 13:59:36 Harnett County

INSPECTION TICKET INSPECTOR: IVR

PAGE

DATE 7/11/18

ADDRESS . : 41 RAINMAKER ST SUBDIV: SWEETWATER 71LOTS CONTRACTOR : ATLANTIC CONSTRUCTION

PHONE: (910) 938-9053

OWNER . . : DIVERSIFIELD INVESTORS INC PHONE :

PARCEL . .: 01-0544- - -0004- -33-

APPL NUMBER: 17-50042844 CP NEW RESIDENTIAL (SFD) DIRECTIONS: T/S: 11/30/2017 09:46 AM BPETRICH --

41 RAINMAKER STREET LINDEN 28356

SWEETWATER #25

STRUCTURE: 000 000 50X50 4BD 2.5BA SLAB W/GARAGE & FIN BON

FLOOD ZONE . . . : FLOOD ZONE X

BATHS 2.5 # BEDROOMS 4.00

PROPOSED USE : SFD SEPTIC - EXISTING? . . . : NEW TANK

WATER SUPPLY : COUNTY

PERMIT: CPSF 00 CP * SFD

	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
A814 01	그리는 일반이 얼마나를 하는데 얼마나 하는데 얼마나 없었다.	SB	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 003117132
	4/23/18	AP	41 RAINMAKER ST LINDEN 28356
D101 01	1/02/10		T/S: 04/23/2018 12:24 PM SBENNETT
B101 01	4/23/18	JH	R*BLDG FOOTING / TEMP SVC POLE TIME: 17:00 VRU #: 003117140
	4/23/18	AP	T/S: 04/20/2018 12:20 PM LLUCAS
B103 01	5/02/18	JH	R*BLDG FOUND & TEMP SVC POLE TIME: 17:00 VRU #: 003121704
	5/02/18	DP	T/S: 05/01/2018 11:02 AM BPETRICHNOT READY STILL LAYING BLOCK
B103 02	5/04/18	JH	R*BLDG FOUND & TEMP SVC POLE TIME: 17:00 VRU #: 003122959
	5/04/18	AP	T/S: 05/03/2018 09:59 AM DJOHNSON
P309 01	5/11/18	JH	R*PLUMB UNDER SLAB TIME: 17:00 VRU #: 003125853
	5/11/18	AP	T/S: 05/09/2018 01:53 PM JBROCK
B104 01	5/14/18	BP	R*FOUND & SETBACK VERIF SURVEY TIME: 17:00 VRU #: 003127651
	5/14/18	AP	T/S: 05/14/2018 02:06 PM BPETRICH
			T/S: 05/14/2018 02:06 PM BPETRICH
B111 01	5/18/18	JH	R*BLDG SLAB INSP/TEMP SVC POLE TIME: 17:00 VRU #: 003129319
	5/18/18	AP	T/S: 05/17/2018 12:57 PM DJOHNSON
E207 01	6/01/18	JH	R*ELEC TEMP SERVICE POLE TIME: 17:00 VRU #: 003134392
	6/01/18	AP	T/S: 05/31/2018 01:42 PM BPETRICH
			MOVING TPOLE FROM ADJACENT LOT TO THIS LOT
R425 01	6/20/18	JH	FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 003142221
	6/20/18	DP	T/S: 06/19/2018 01:59 PM BPETRICH
			Missing windows on front of house to left of front door &
			To right of fire box in living room. 2) Fire caulk dryer wire
			@ top plate in garage. A Tighten all loose anchor bolts in
			garage Missing anchor bolts each side of door in garage,
			back left corner of kitchen, back door & front
			door Anchor all interior load bearing walls per
			code 6 Need engineer letter for trusses not bearing in
			there hangers in kitchen & front left bedroom. Missing
			nails in floor truss hangers in kitchen & half bath. (8) Nail
			& HURRICANE strap all 2ply trusses per truss

documents Nail osb on back wall in master

bedroom. 20) Insulation baffles. 11) Fire block top of chase in hall closet (11) 3' head of water on drain line test. 12) Missin Chase for duct in front left bedroom. 13 Need repair letter

PREPARED 7/10/18, 13:59:36 INSPECTION TICKET PAGE INSPECTOR: IVR DATE 7/11/18 Harnett County ADDRESS . : 41 RAINMAKER ST SUBDIV: SWEETWATER 71LOTS CONTRACTOR : ATLANTIC CONSTRUCTION CONTRACTOR : ATLANTIC CONSTRUCTION PHONE : (910) 938-9053 OWNER . . : DIVERSIFIELD INVESTORS INC PHONE : PARCEL . .: 01-0544- - -0004- -33-APPL NUMBER: 17-50042844 CP NEW RESIDENTIAL (SFD) REQUESTED INSP DESCRIPTION
TYP/SQ COMPLETED RESULT RESULTS/COMMENTS for broken truss web in front left bedroom. 14) Nail house wrap per installation instructions. DO NOT SIDE OR INSULATE R*PLUMB WATER CONNECTION TIME: 17:00 VRU #: 003149887 **PLUMB WATER CONNECTION TIME: 17:00 VRU #: 003149887

T/S: 07/09/2018 04:09 PM LLUCAS -----
FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 003149879 R425 02 T/S: 07/09/2018 04:09 PM LLUCAS ---------- COMMENTS AND NOTES -----



Trenco

818 Soundside Rd Edenton, NC 27932

Re: 1408707

Atlantic Const.JAX. Christian Plan

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Builders FirstSource-Loris.

Pages or sheets covered by this seal: 133819564 thru 133819564

My license renewal date for the state of North Carolina is December 31, 2018.

North Carolina COA: C-0844



June 28,2018

Sevier, Scott

IMPORTANT NOTE: Truss Engineer's responsibility is solely for design of individual trusses based upon design parameters shown on referenced truss drawings. Parameters have not been verified as appropriate for any use. Any location identification specified is for file reference only and has not been used in preparing design. Suitability of truss designs for any particular building is the responsibility of the building designer, not the Truss Engineer, per ANSI/TPI-1, Chapter 2.

Job Truss Type Qty Atlantic Const.JAX, Christian Plan Truss 133819564 1 UNIT 1408707 A02 Common Job Reference (optional) 8.210 s Feb 23 2018 MiTek Industries, Inc. Thu Jun 28 09:45:24 2018 Page 1 Builders FirstSource, Loris SC 29569 ID:2p14j2tVg7BETBnuDa14bNzP6bU-6aMLdBbEJWXki64fZlu15pA46jPr34xzlsXul1z1nxv 18-6-0 4x6 = STUB 2-1/2" FROM THE LEFT END Scale = 1:68.9 LUMBER AND CONNECTOR PLATES (SHOWN DASHED) TO BE CUT CLEANLY AND ACCURATELY AND THE REMAINING PLATE(S) MUST BE FULLY EMBEDDED AND UNDISTURBED. 2x4 = 12.00 12 20 19 2x4 || 2x4 || 6 2 21 5x10 MT20HS || 17 ATTIC RESIDENTIAL LIMITED ACCESS 20 PSF, STORAGE USE ONLY 1-3-8 T 4x5 = 12 30" X 30" 11 4x5 =4x5 = 4x5 = 96x8 = 4x5 = 4x6 =ATTACH 1/2" PLYWOOD OR OSB GUSSET (15/32" RATED SHEATHING 32/16 EXP 1)
TO EACH FACE OF TRUSS WITH (0.131" X 2.5" MIN.) NAILS PER THE FOLLOWING NAIL SCHEDULE:
2X 3"S - 2 ROWS, 2X 4"S - 3 ROWS, 2X 6"S AND LARGER - 4 ROWS: SPACED @ 4" O.C.
NAILS TO BE DRIVEN FROM BOTH FACES. STAGGER SPACING FROM FRONT TO BACK FACE INSTALL 2 X 8 SPF/DF/SP NO.2 CUT TO FIT TIGHT. FOR A NET 2" O.C. SPACING IN EACH COVERED TRUSS MEMBER. USE 2" MEMBER END DISTANCE. 18-6-0 9-7-2 14-7-2 4-7-2 3-10-14 Plate Offsets (X,Y)-[4:0-3-0,Edge], [8:0-4-8,Edge], [9:0-2-8,0-2-0], [11:0-0-0,0-2-0] LOADING (psf) SPACING-2-0-0 CSI. DEFL (loc) I/defl L/d **PLATES** GRIP TCLL 20.0 Plate Grip DOL 1.15 TC 0.82 Vert(LL) -0.16 9-11 >999 360 MT20 244/190 BC 0.64 Vert(TL) -0.34 >642 240 MT20HS 187/143 TCDL 10.0 Lumber DOL 9-11 1.15 Rep Stress Incr WB 0.07 0.32 BCLL 0.0 YES Horz(TL) n/a n/a Code IRC2009/TPI2007 240 Weight: 151 lb FT = 20% 0.19 >999 BCDL Matrix-MS Wind(LL) 10.0 LUMBER-BRACING-TOP CHORD TOP CHORD 2x6 SP No.2 Structural wood sheathing directly applied or 5-9-12 oc purlins, **BOT CHORD** 2x6 SP No.2 except end verticals. **WEBS** 2x4 SP No.3 *Except* **BOT CHORD** Rigid ceiling directly applied or 9-5-11 oc bracing. 7-8: 2x4 SP No.2 REACTIONS. (lb/size) 1=734/Mechanical, 8=734/0-3-8 Max Horz 1=381(LC 11) Max Uplift 1=-194(LC 12), 8=-188(LC 13) Max Grav 1=812(LC 22), 8=836(LC 21) FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 1-17=-1085/212, 2-17=-952/222, 2-18=-749/270, 18-19=-699/285, 3-19=-656/293, 5-20=-679/293, 6-20=-773/286, 6-21=-974/203, 7-21=-1093/194, 7-8=-1004/224 **BOT CHORD** 1-12=-516/791, 11-12=-108/575, 10-11=-107/576, 9-10=-107/576, 8-9=-107/574 **WEBS** 2-11=-63/366, 6-9=-54/379, 3-5=-1082/491 (10)1) Unbalanced roof live loads have been considered for this design. 2) Wind: ASCE 7-05; 120mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) 0-2-8 to 3-2-8, Interior(1) 3-2-8 to 9-9-10, Exterior(2) 9-9-10 to 12-9-10 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) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.

All plates are MT20 plates unless otherwise indicated.

- 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, with BCDL = 10.0psf.

Refer to girder(s) for truss to truss connections.

- 8) Bearing at joint(s) 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 194 lb uplift at joint 1 and 188 lb uplift at joint 8.
- 10) This manufactured truss is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.



🛕 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



Edenton, NC 27932



Trenco

818 Soundside Rd Edenton, NC 27932

Re: 1408707

Atlantic Const.JAX. Christian Plan

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Builders FirstSource-Loris.

Pages or sheets covered by this seal: 133800384 thru 133800384

My license renewal date for the state of North Carolina is December 31, 2018.

North Carolina COA: C-0844



June 26,2018

Sevier, Scott

IMPORTANT NOTE: Truss Engineer's responsibility is solely for design of individual trusses based upon design parameters shown on referenced truss drawings. Parameters have not been verified as appropriate for any use. Any location identification specified is for file reference only and has not been used in preparing design. Suitability of truss designs for any particular building is the responsibility of the building designer, not the Truss Engineer, per ANSI/TPI-1, Chapter 2.

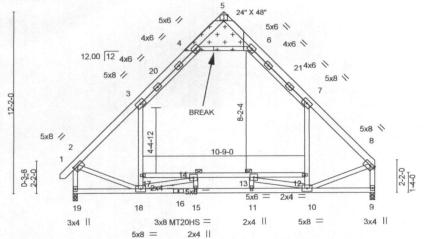
Qty Ply Atlantic Const.JAX. Christian Plan Truss Truss Type Job 133800384 1 UNIT YE COMMON SUPPORTED GAB 2 1408707 C02 Job Reference (optional) Builders FirstSource, Loris SC 29569

8.220 s May 24 2018 MiTek Industries, Inc. Tue Jun 26 11:55:25 2018 Page 1 ID:2p14j2tVg7BETBnuDa14bNzP6bU-VeR3AVH6nVSLTMOzDFbTgMvx?dQK083ZIn0N57z2QE0 10-0-0 12-6-0

11-10-4 20-0-0 4-5-12 3-0-4 1-10-4 3-0-4 4-5-12 1-10-4_{x6} = 0-7-12

Scale = 1:77.0

BREAK IN WEB 4-6 AT 12" FROM JOINT 4



ATTACH 1/2" PLYWOOD OR OSB GUSSET (15/32" RATED SHEATHING 32/16 EXP 1)
TO EACH FACE OF TRUSS WITH (0.131" X 2.5" MIN.) NAILS PER THE FOLLOWING NAIL SCHEDULE:
2 X 3"S - 2 ROWS, 2 X 4"S - 3 ROWS, 2 X 6"S AND LARGER - 4 ROWS: SPACED @ 4" O.C.
NAILS TO BE DRIVEN FROM BOTH FACES. STAGGER SPACING FROM FRONT TO BACK FACE FOR A NET 2" O.C. SPACING IN EACH COVERED TRUSS MEMBER. USE 2" MEMBER END DISTANCE.

1	4-5-12	8-1-12	11-10-4	15-6-4	20-0-0	
	4-5-12	3-8-0	3-8-7	3-8-0	4-5-12	- 1
2011						

BRACING-

TOP CHORD

BOT CHORD

JOINTS

Plate Offsets (X,Y)-- [2:0-3-0,0-1-12], [5:0-3-0,Edge], [8:0-3-0,0-1-12]

LOADING (psf) TCLL 20.0 TCDL 10.0	SPACING- 2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15	CSI. TC 0.81 BC 0.93	Vert(LL) -0.19 13-14 >9 Vert(TL) -0.42 11-15 >5	defl L/d 199 360 169 240	PLATES MT20 MT20HS	GRIP 244/190 187/143
BCLL 0.0 * BCDL 10.0	Rep Stress Incr YES Code IRC2009/TPI2007	WB 0.62 Matrix-MS		n/a n/a 999 240	Weight: 185 lb	FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.1 **BOT CHORD** 2x4 SP No.2 **WEBS**

2x4 SP No.2 *Except*

14-15,11-13,14-18,10-13,3-4,6-7: 2x4 SP No.3

REACTIONS. (lb/size) 19=1112/0-3-8, 9=1059/0-3-8

Max Horz 19=460(LC 9)

Max Uplift 19=-67(LC 12), 9=-17(LC 13) Max Grav 19=1366(LC 23), 9=1337(LC 22)

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

2-3=-1466/111, 3-4=-1006/282, 4-5=-79/397, 5-6=-75/396, 6-7=-1009/285, TOP CHORD

7-8=-1452/103, 2-19=-1623/161, 8-9=-1571/112

18-19=-469/514, 15-18=0/2388, 11-15=0/2388, 10-11=0/2388, 13-14=-1763/0 **BOT CHORD WEBS**

10-12=0/359, 7-12=0/579, 4-6=-1648/495, 17-18=0/367, 3-17=0/586, 2-18=-32/839,

8-10=-41/838, 14-18=-1877/0, 10-13=-1872/0

NOTES-(11)

1) Unbalanced roof live loads have been considered for this design.

- 2) Wind: ASCE 7-05; 120mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (low-rise) gable end zone and C-C Corner(3) -0-8-6 to 2-3-10, Exterior(2) 2-3-10 to 10-0-0, Corner(3) 10-0-0 to 13-0-0, Exterior(2) 13-0-0 to 19-10-4 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) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.

4) All plates are MT20 plates unless otherwise indicated.

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) Ceiling dead load (5.0 psf) on member(s). 3-4, 6-7, 4-6; Wall dead load (5.0 psf) on member(s).7-12, 3-17

8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 14-17, 13-14, 12-13

9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 19, 9.

10) Attic room checked for L/360 deflection.

11) This manufactured truss is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

S June 26,2018

Structural wood sheathing directly applied or 4-11-1 oc purlins,

Rigid ceiling directly applied or 10-0-0 oc bracing, Except:

except end verticals.

8-1-3 oc bracing: 18-19.

1 Brace at Jt(s): 14, 13

MARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TPH1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



818 Soundside Road Edenton, NC 27932

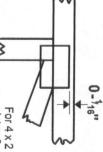
Symbols

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 4×2 orientation, locate plates 0- $\frac{1}{2}$ -d' from outside edge of truss.

00

O

C

11

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 × 4

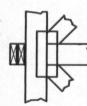
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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.

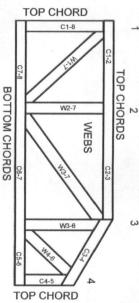
Industry Standards: ANSI/TPI1: National



DSB-89

Numbering System

6-4-8 dimensions shown in ft-in-sixteenths (Drawings not to scale)



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.

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MiTek Engineering Reference Sheet: MII-7473 rev. 10/03/2015

stem

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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