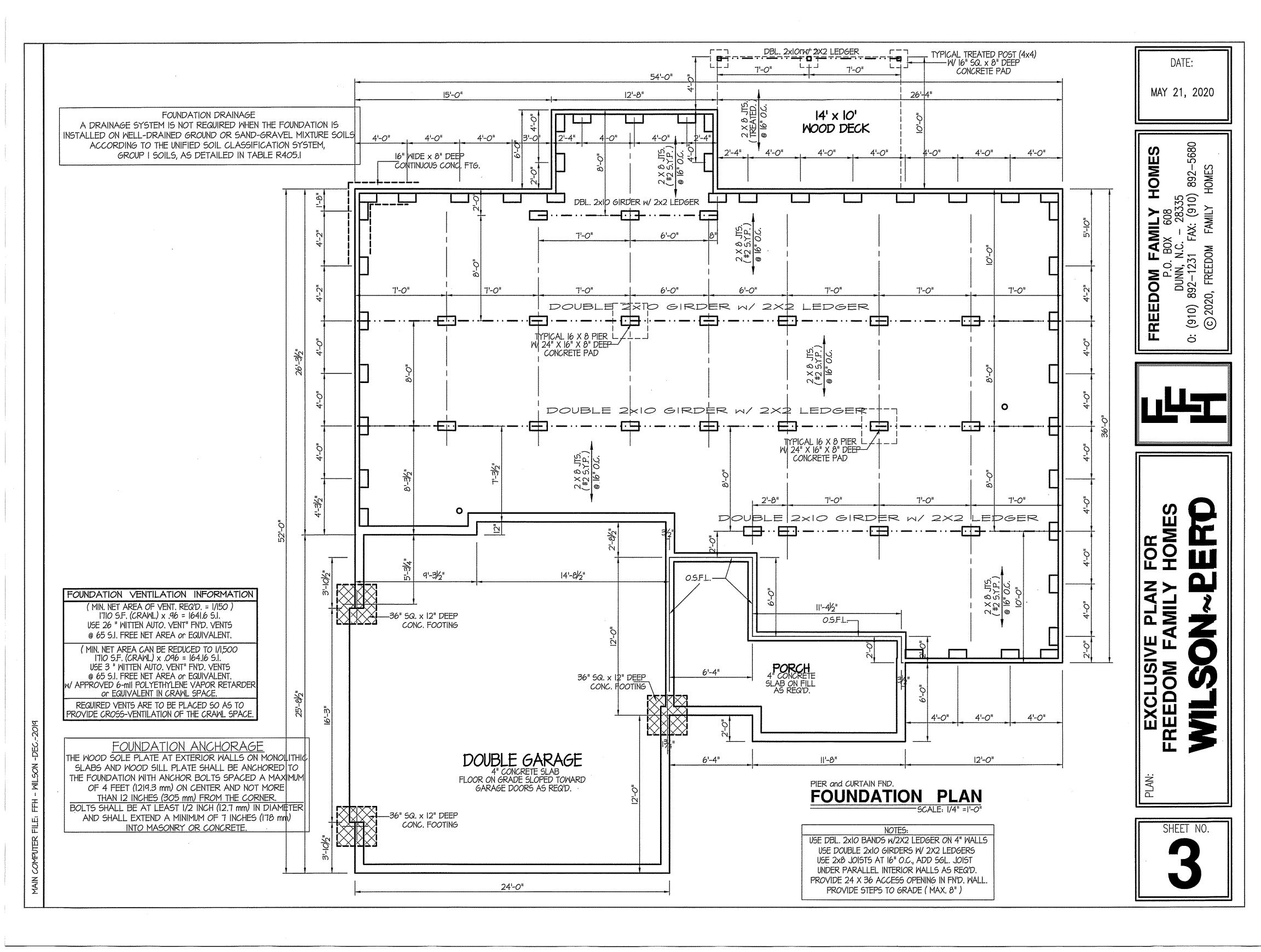
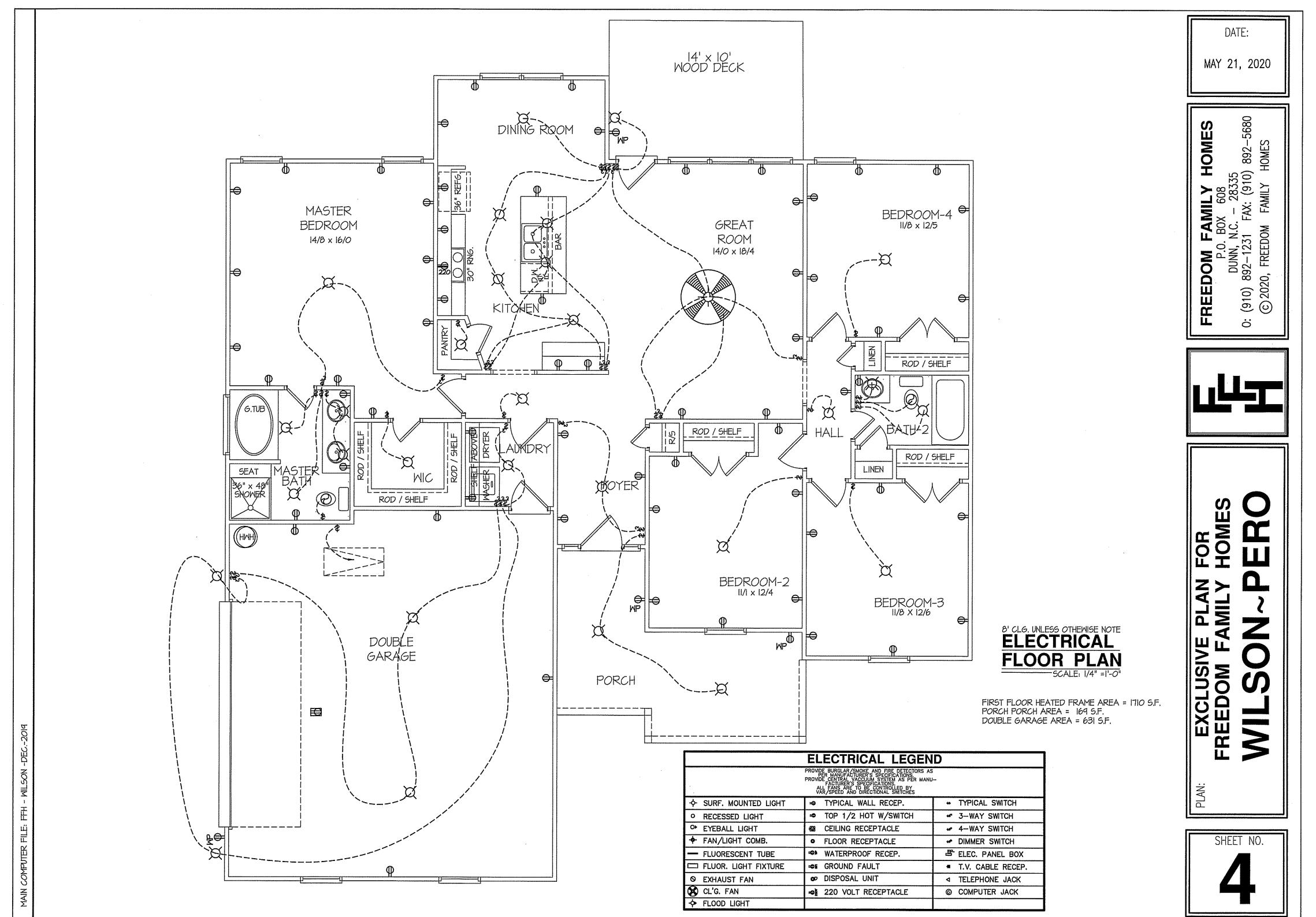
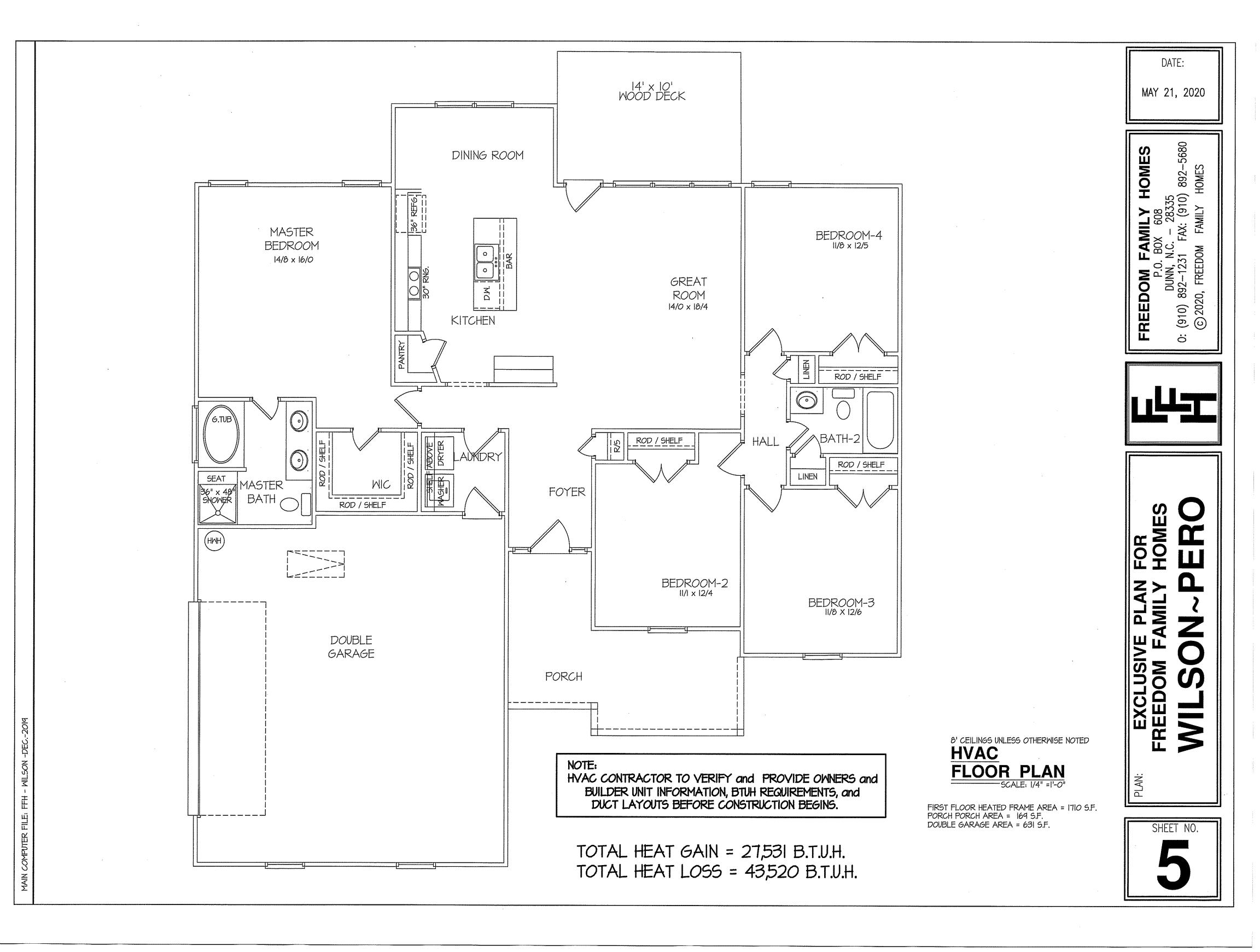


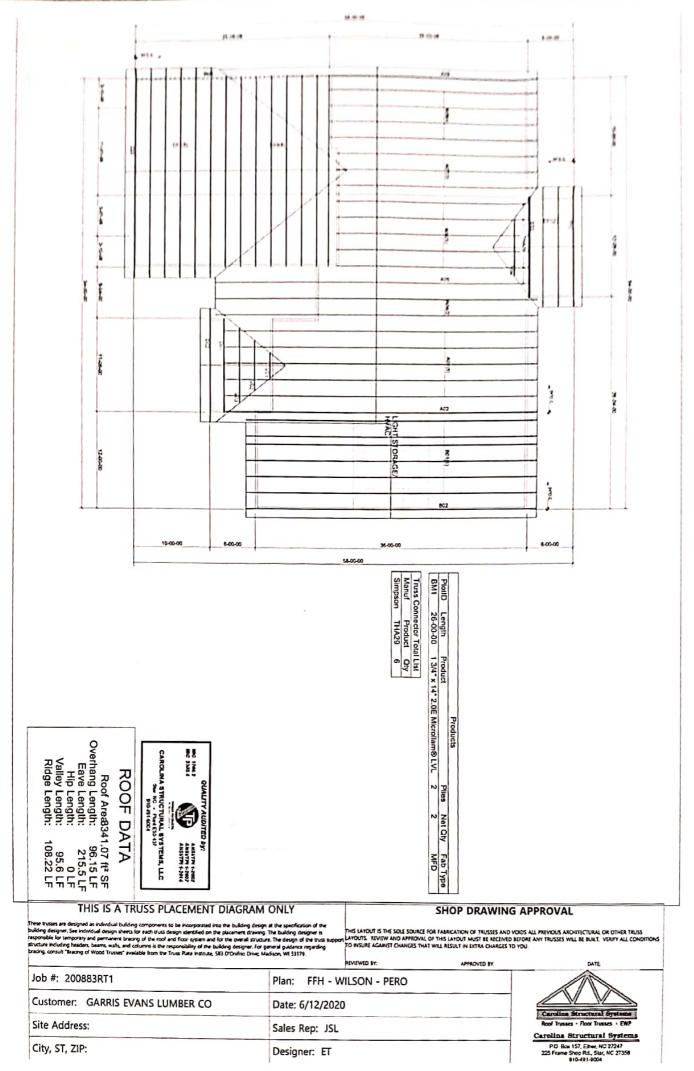
2019 NICSUN Ē MAIN COMPUTER FILE:





	PROVIDE BURGLAR/SMOKE AND FIRE DETECTORS AS PER MANUFACTURER'S SPECIFICATIONS. PROVIDE CENTRAL VACCUUM SYSTEM AS PER MANU FACTURER'S SPECIFICATIONS. ALL FANS ARE TO BE CONTROLLED BY VAR/SPEED AND DIRECTIONAL SWITCHES	
SURF. MOUNTED LIGHT	➡ TYPICAL WALL RECEP.	+ TYPICAL SWITCH
P RECESSED LIGHT	TOP 1/2 HOT W/SWITCH	- 3-WAY SWITCH
» EYEBALL LIGHT	CEILING RECEPTACLE	# 4-WAY SWITCH
FAN/LIGHT COMB.	• FLOOR RECEPTACLE	- DIMMER SWITCH
- FLUORESCENT TUBE	SWATERPROOF RECEP.	ELEC. PANEL BOX
⊐ FLUOR. LIGHT FIXTURE	⇔∎ GROUND FAULT	<ul> <li>T.V. CABLE RECEP.</li> </ul>
EXHAUST FAN	DISPOSAL UNIT	
CL'G. FAN	➡ 220 VOLT RECEPTACLE	© COMPUTER JACK





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Trenco 818 Soundside Rd Edenton, NC 27932

Re: 200883RT1 FFH-PERO

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Carolina Structural Systems, LLC.

Pages or sheets covered by this seal: E14513077 thru E14513098

My license renewal date for the state of North Carolina is December 31, 2020.

North Carolina COA: C-0844



June 16,2020

## Gilbert, Eric

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



Trenco 818 Soundside Rd Edenton, NC 27932

Re: 200883RT1 FFH-PERO

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Carolina Structural Systems, LLC.

Pages or sheets covered by this seal: E14513077 thru E14513098

My license renewal date for the state of South Carolina is June 30, 2020.

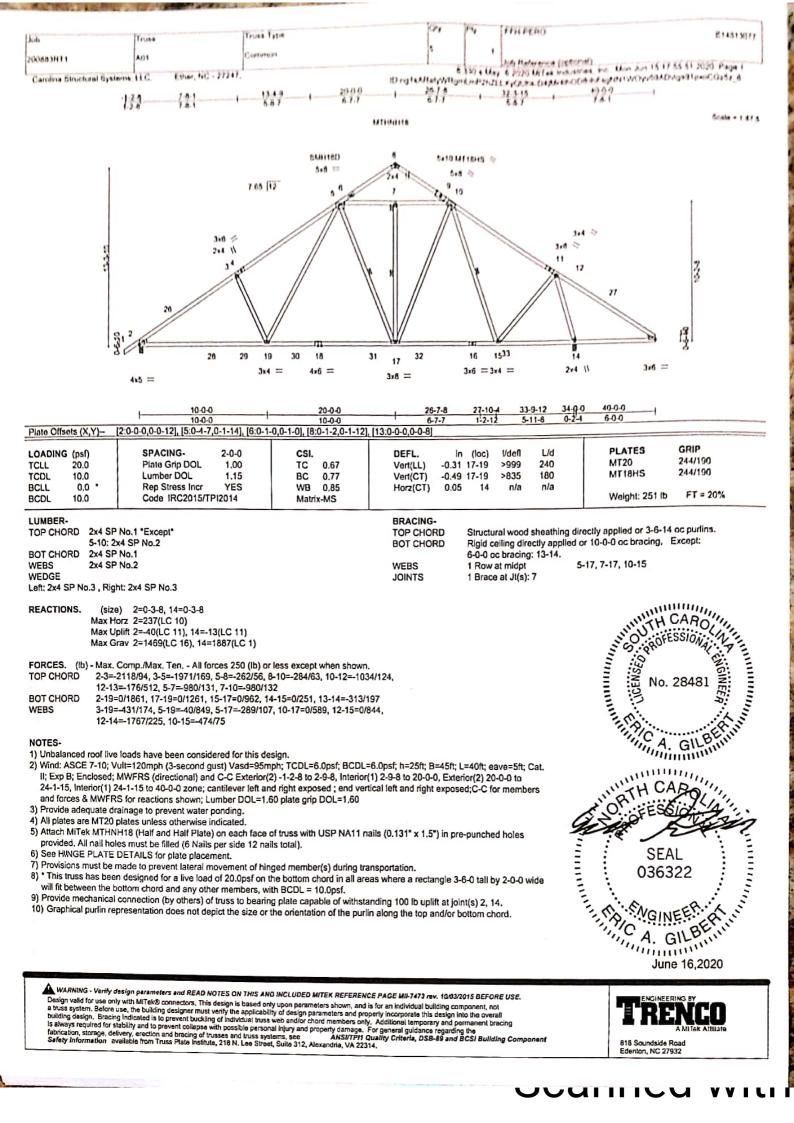
South Carolina COA: 923

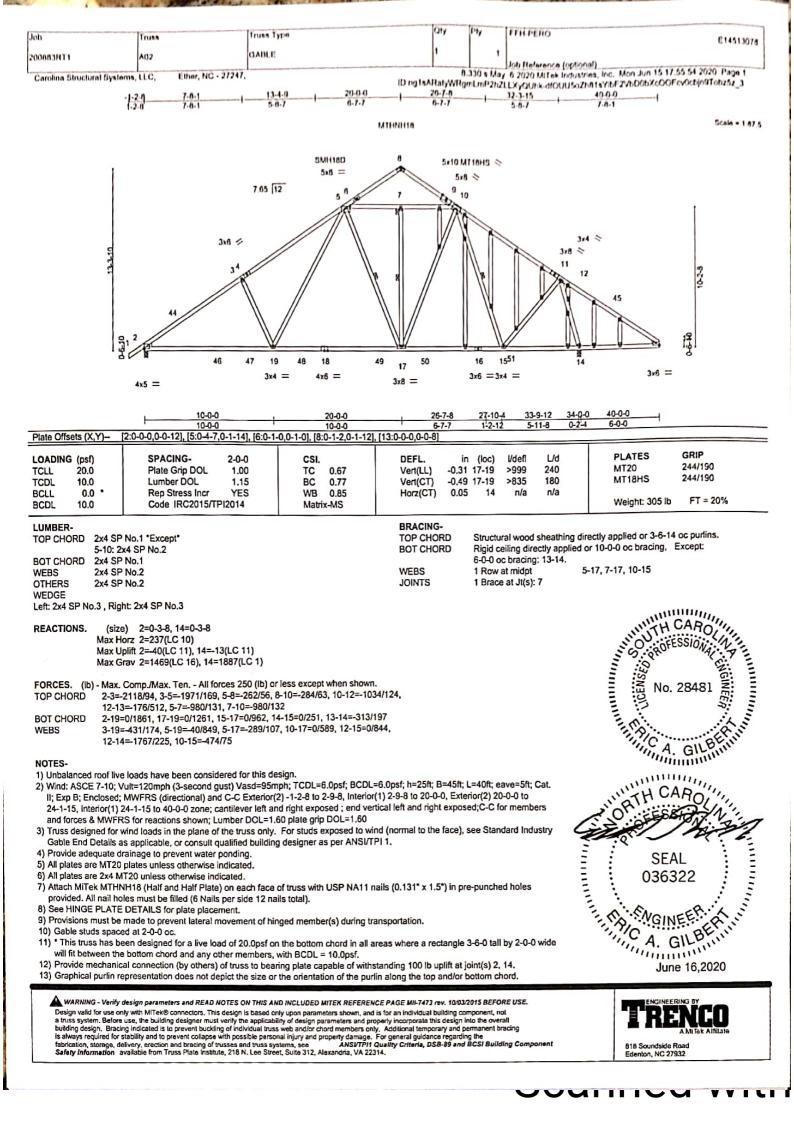


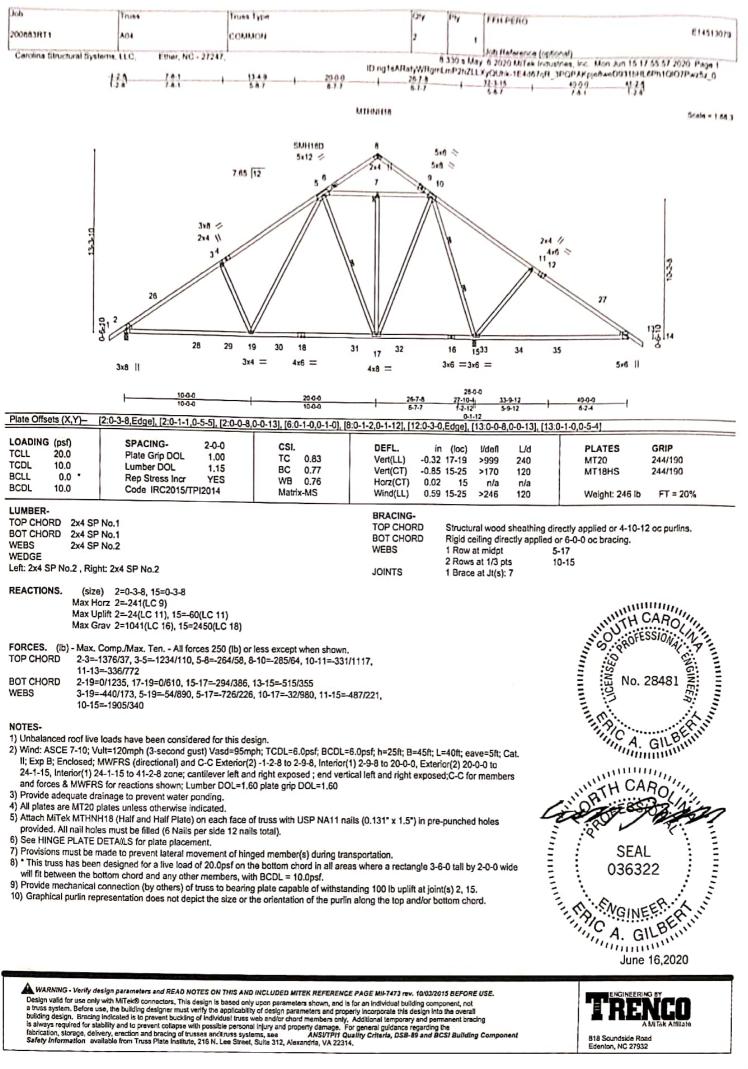
June 16,2020

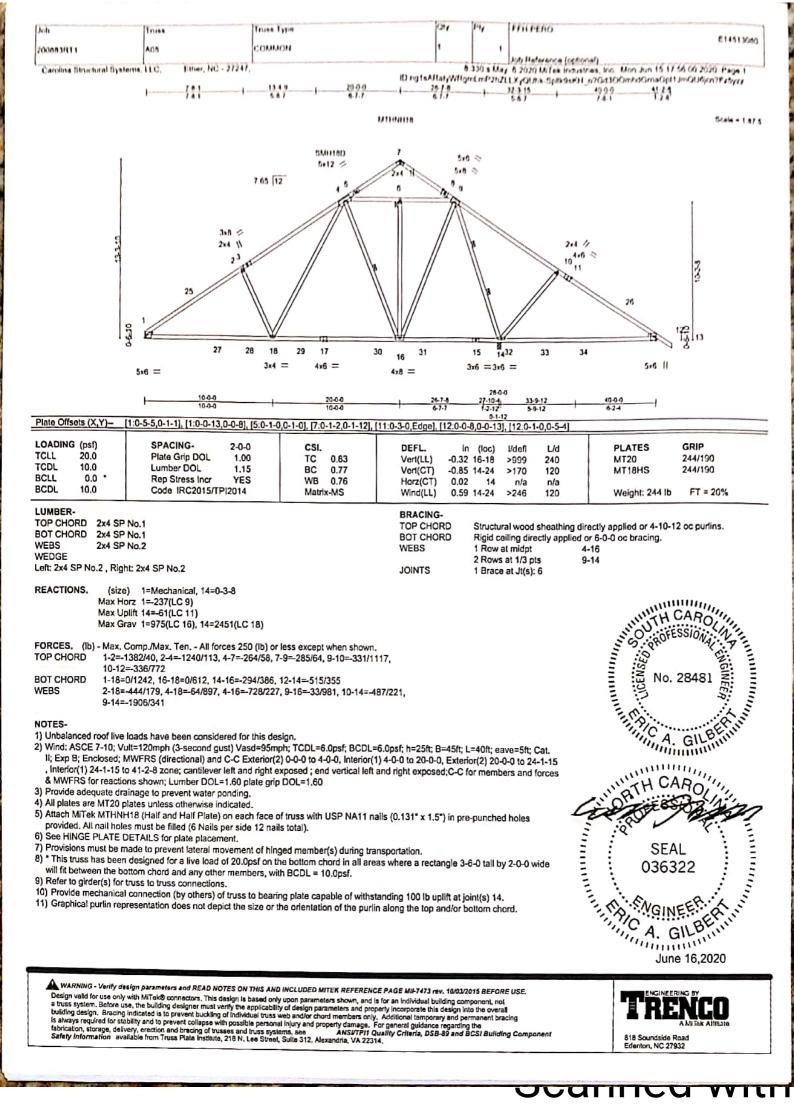
## Gilbert, Eric

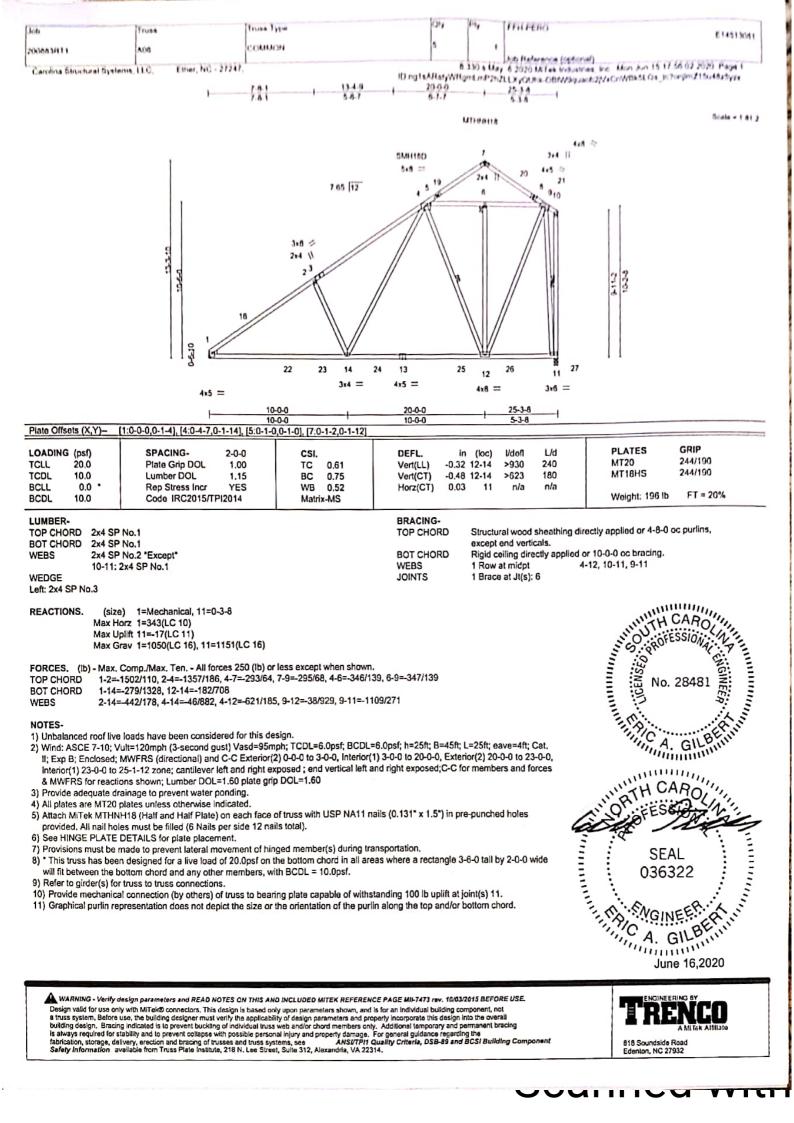
**IMPORTANT NOTE:** The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes),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

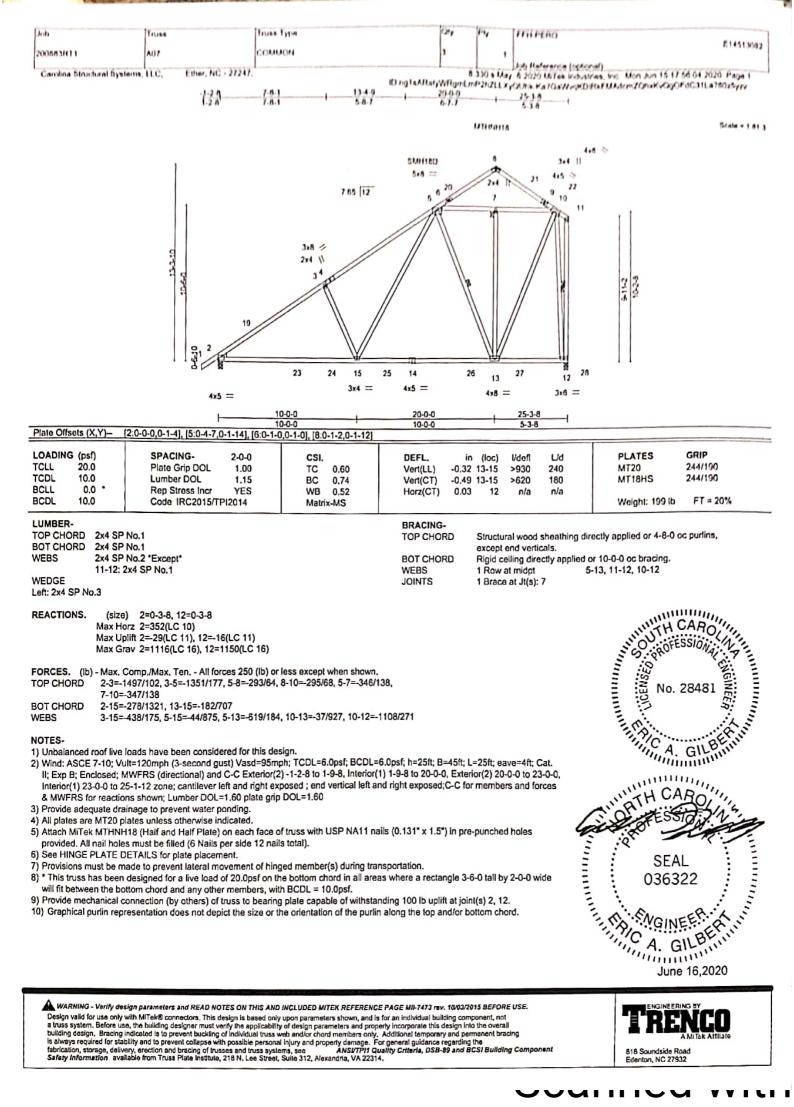


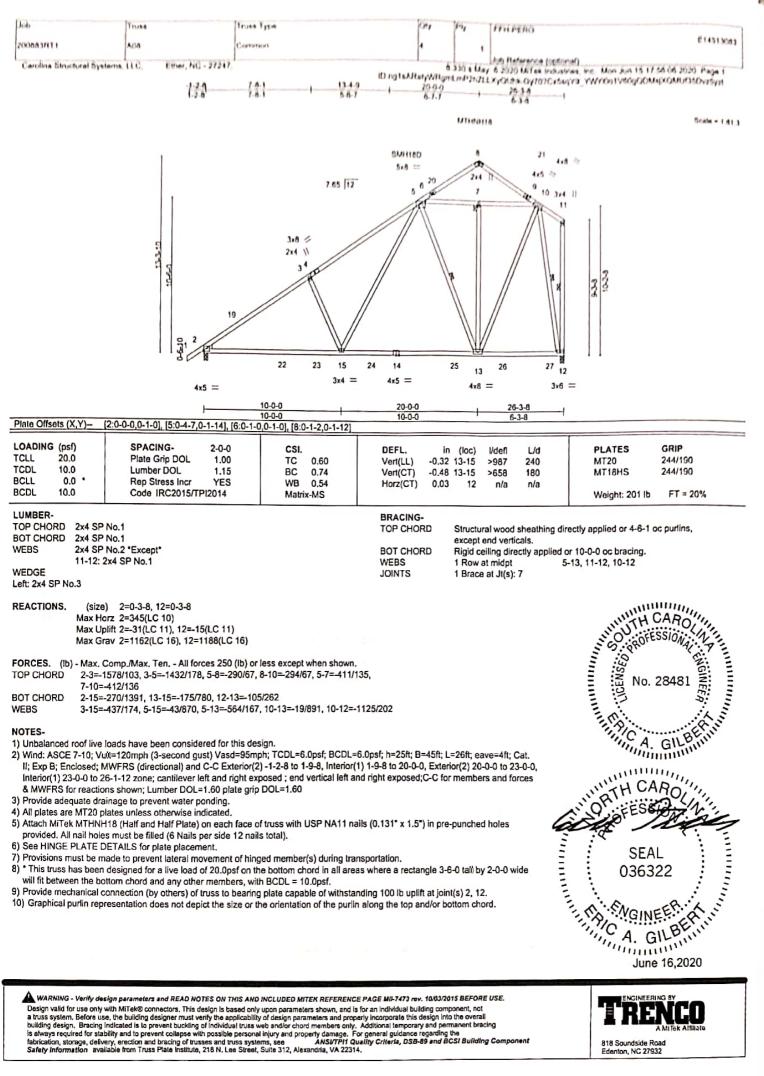


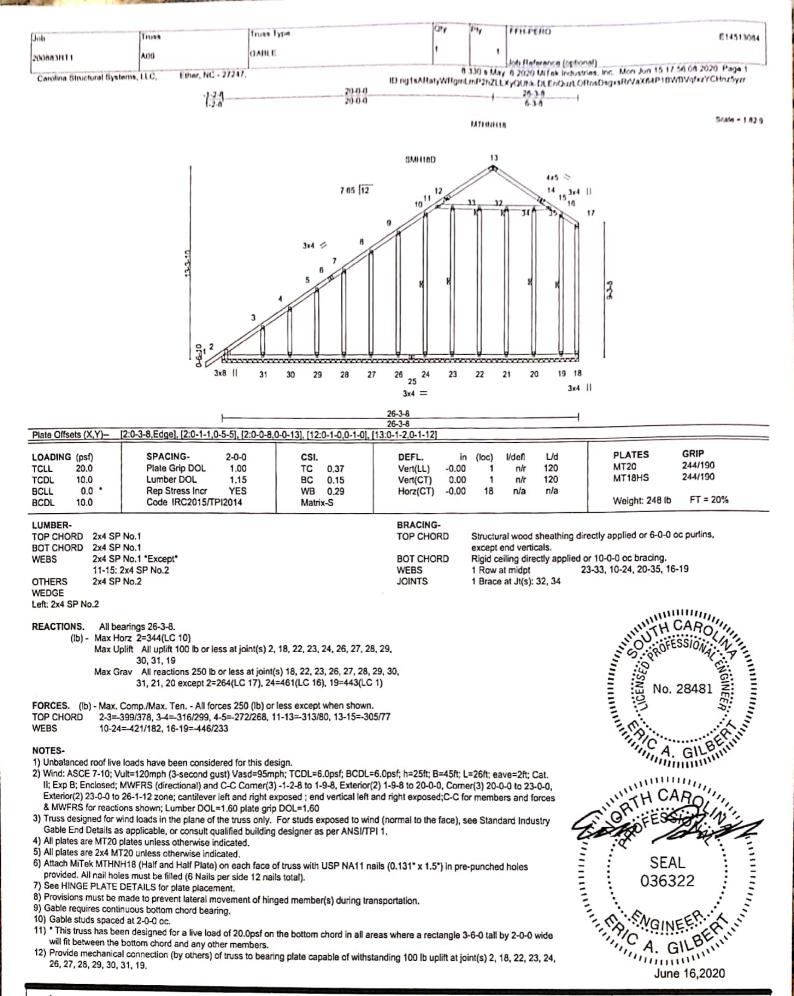






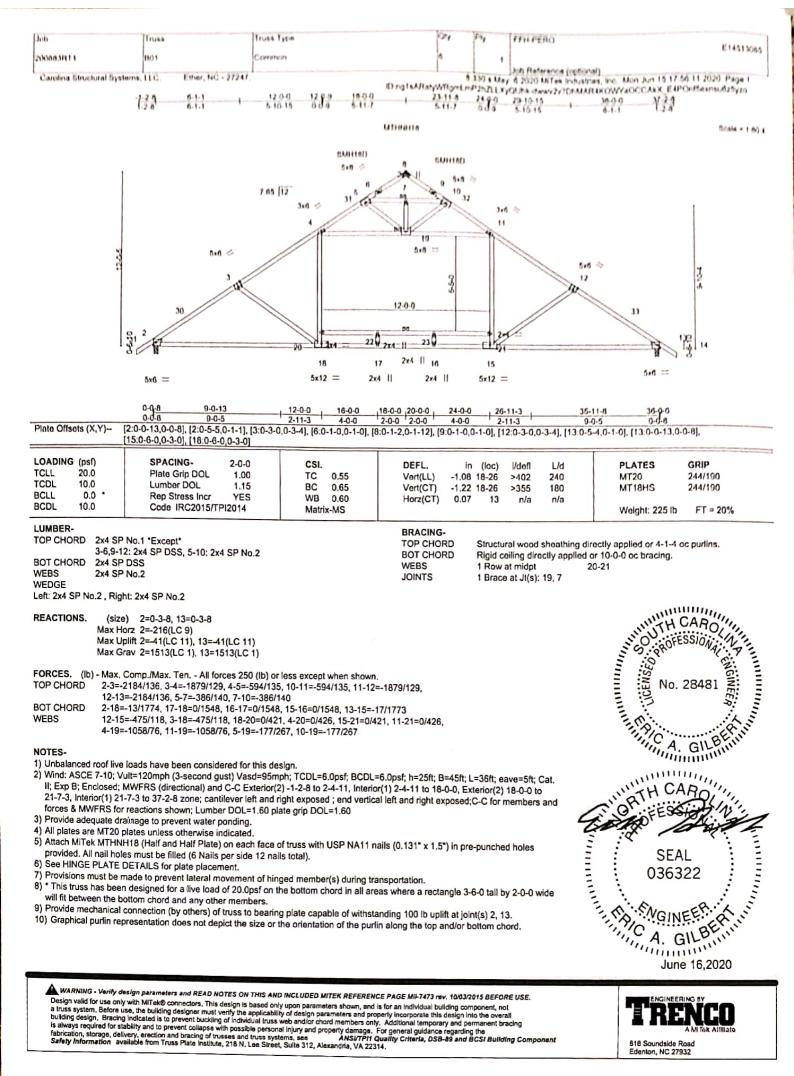




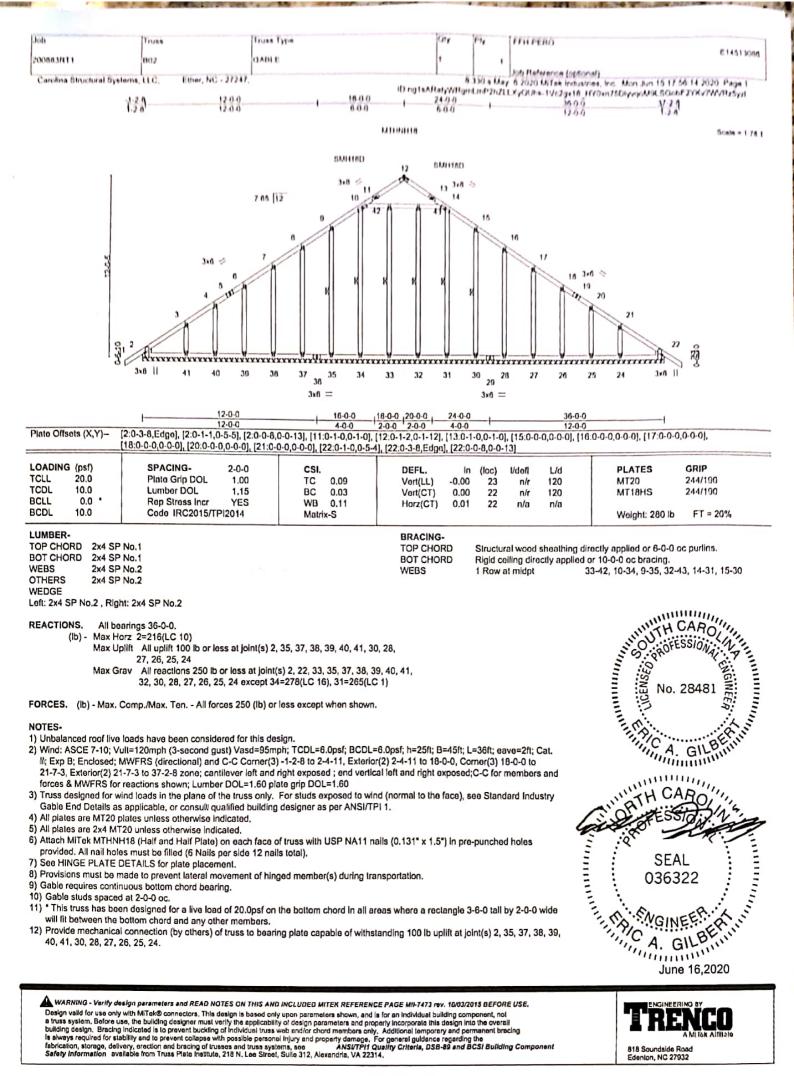


WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, 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 parameters having is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, arection and bracing of trusses and truss systems, see <u>ANSUTP11 Quality Criteria, DSB-89 and BCS1 Building Component</u> Safety information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

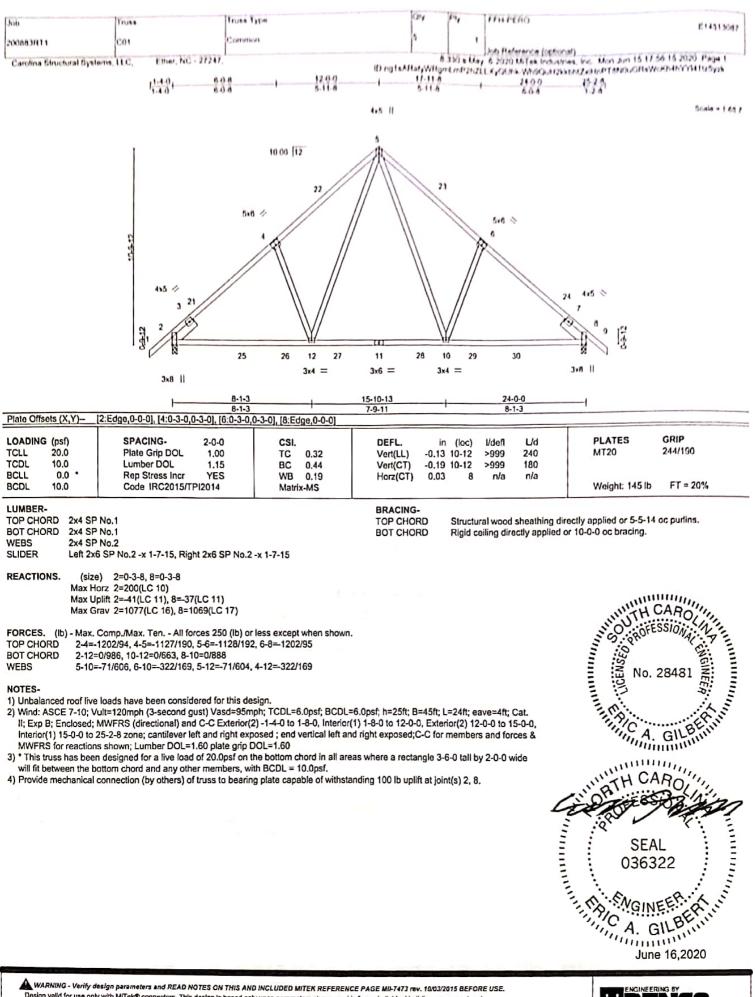
ENGINEERING BY EREENCO ANI Tak ADDIL B18 Soundside Road Edenton, NC 27932



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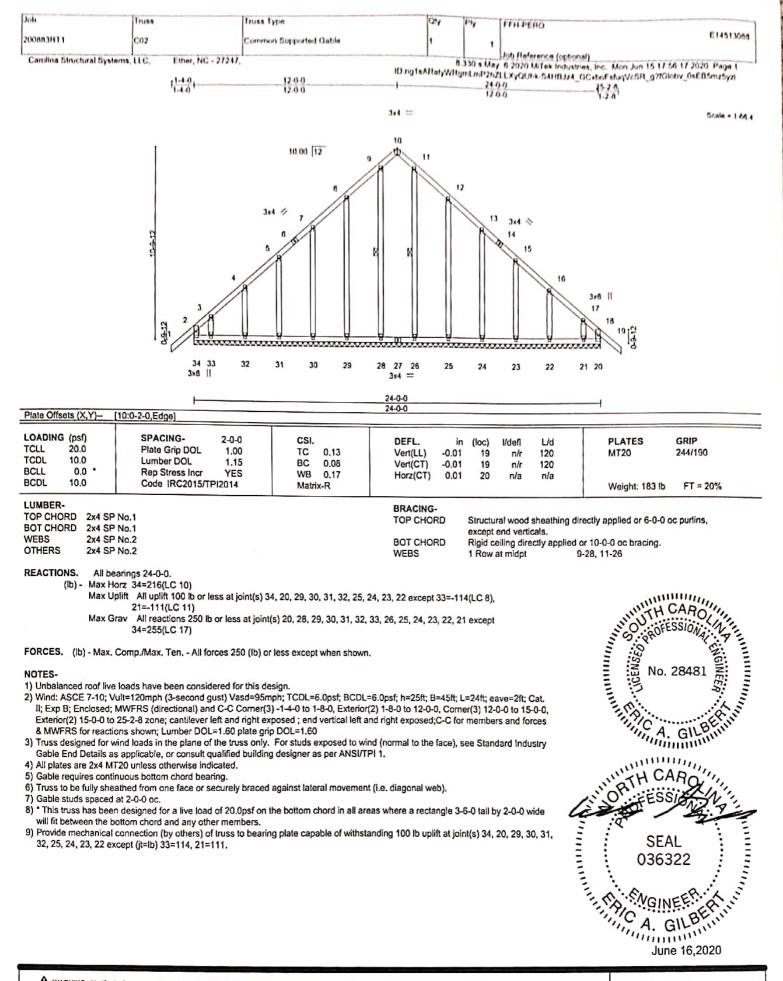


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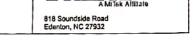


Design valid for use only with MITek® connectors. This action this AND INCLUDED MITEK REFERENCE PAGE MIL7473 rev. 1403/2015 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and property 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 ANSUTPH Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

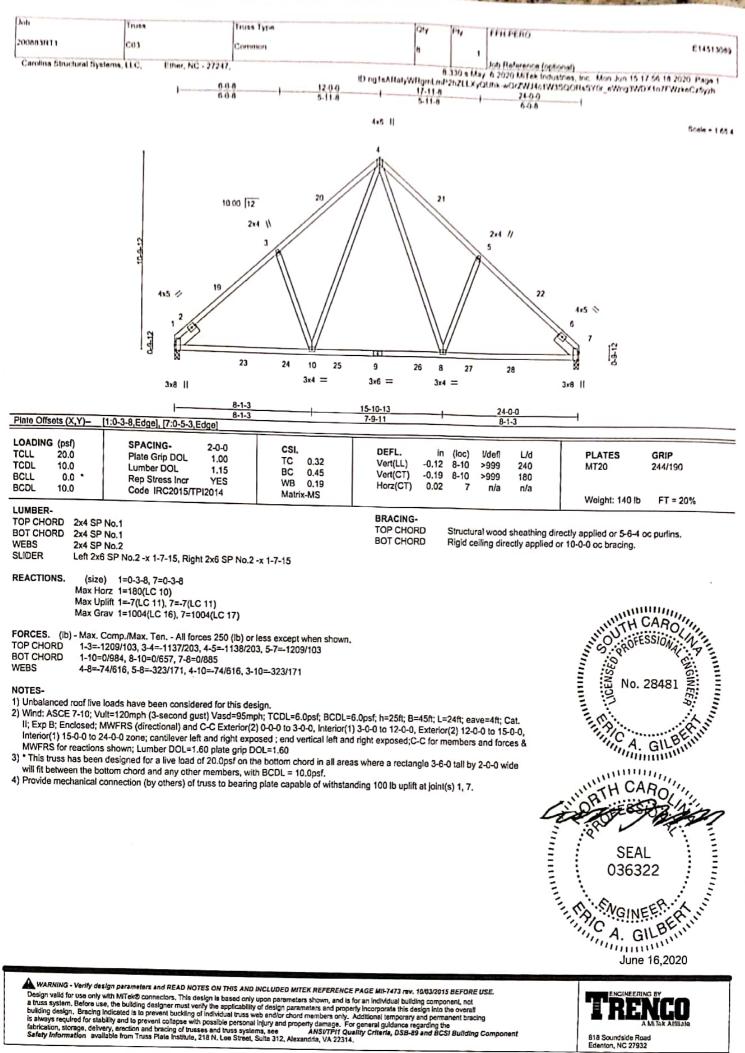




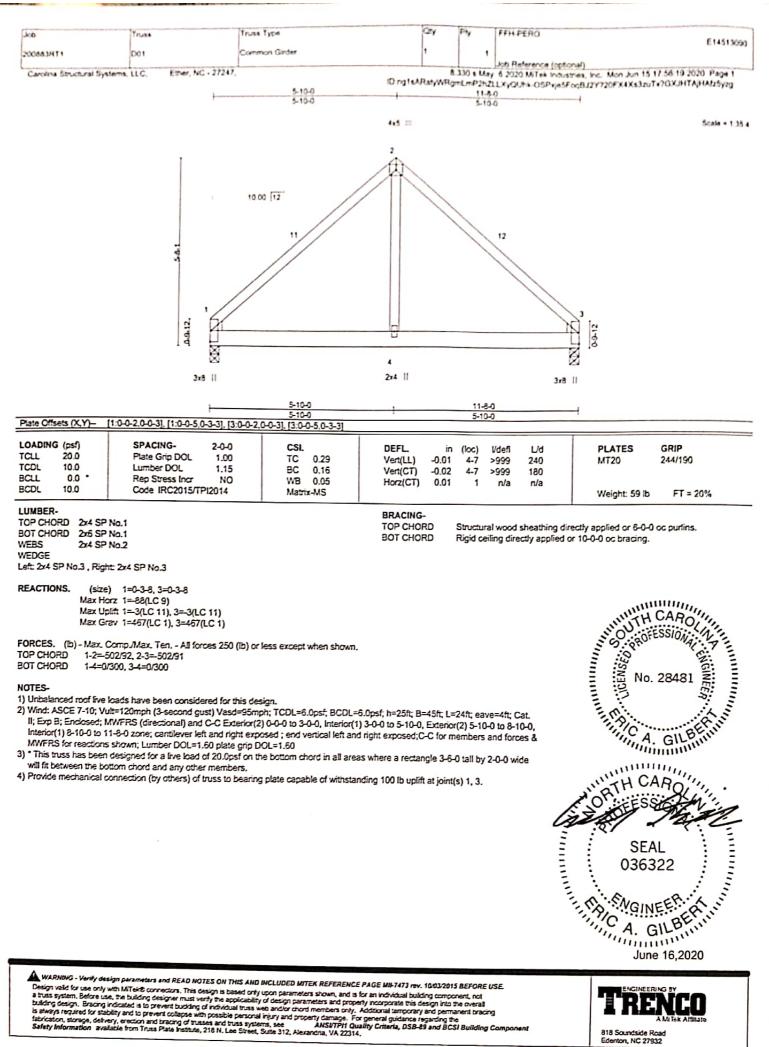
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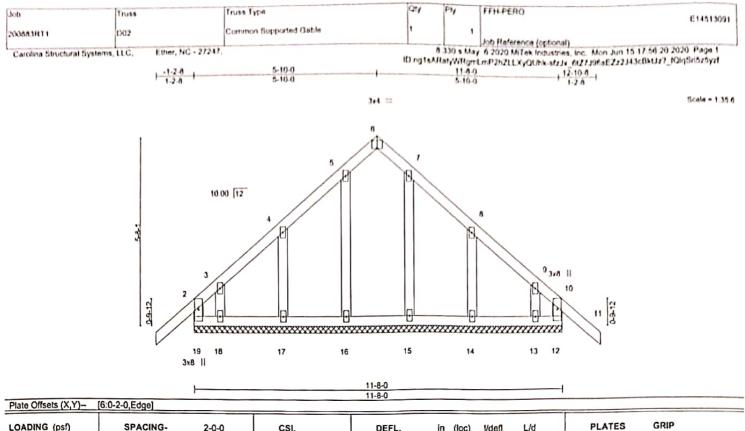
СП



818 Soundside Roa Edenton, NC 27932



Scanned with



BCLL 0.0 * BCDL 10.0	Rep Stress Incr YES Code IRC2015/TPI2014	WB 0.04 Matrix-R	Horz(CT) 0.00	12	n/a	n/a	Weight: 70 lb	FT = 20%
LOADING (psf) TCLL 20.0 TCDL 10.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.15	CSI. TC 0.10 BC 0.05	DEFL. in Vert(LL) -0.01 Vert(CT) -0.01	(loc) 11	l/defl n/r n/r	L/d 120 120	PLATES MT20	GRIP 244/190

BOT CHORD

except end verticals.

Rigid ceiling directly applied or 10-0-0 oc bracing.

 TOP CHORD
 2x4 SP No.1

 BOT CHORD
 2x4 SP No.1

 WEBS
 2x4 SP No.2

 OTHERS
 2x4 SP No.2

REACTIONS. All bearings 11-8-0.

(lb) - Max Horz 19=-122(LC 9)

Max Uplift All uplift 100 lb or less at joint(s) 19, 12, 17, 18, 14, 13 Max Grav All reactions 250 lb or less at joint(s) 19, 12, 16, 17, 18, 15, 14, 13

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

#### NOTES-

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

2) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Corner(3) -1-2-8 to 1-9-8, Exterior(2) 1-9-8 to 5-10-0, Corner(3) 5-10-0 to 8-10-0, Exterior(2) 8-10-0 to 12-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.

4) All plates are 2x4 MT20 unless otherwise indicated.

5) Gable requires continuous bottom chord bearing.

6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

7) Gable studs spaced at 2-0-0 oc.

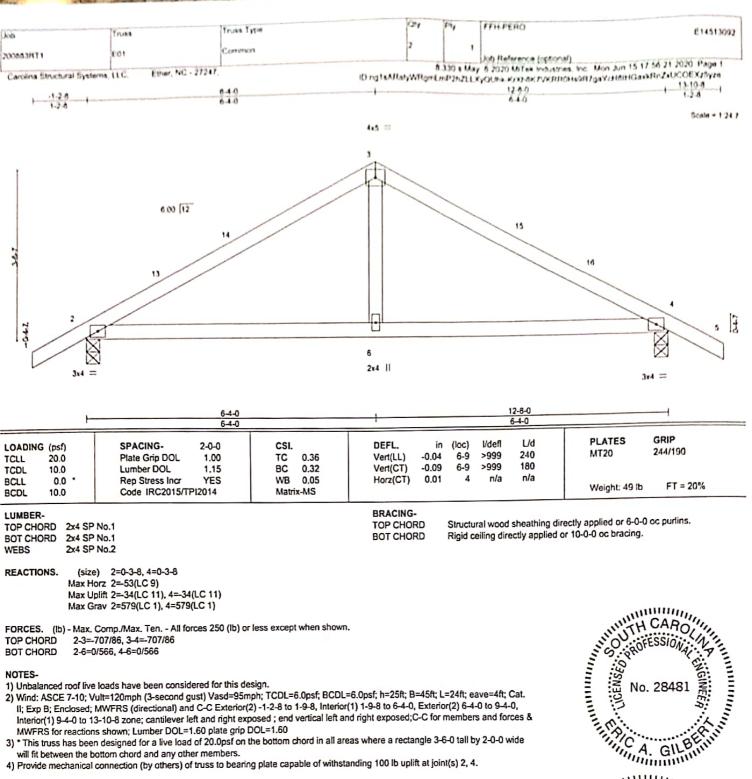
8) \* This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.

9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 19, 12, 17, 18, 14, 13.



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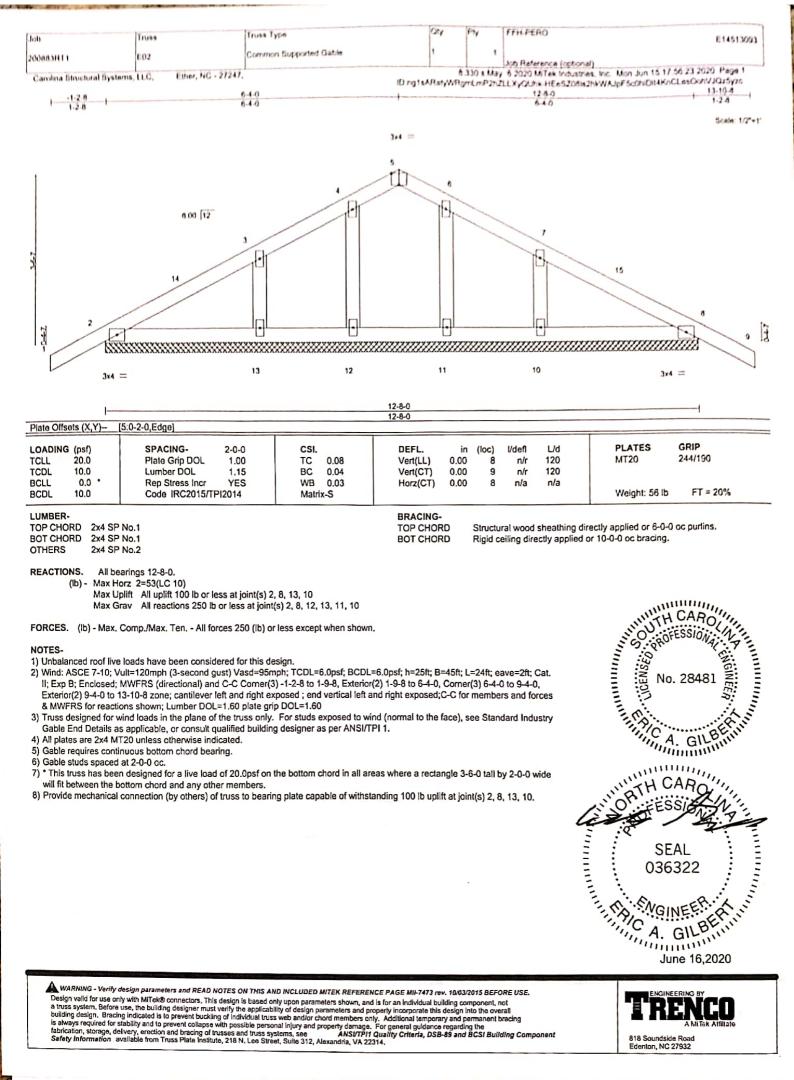
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.



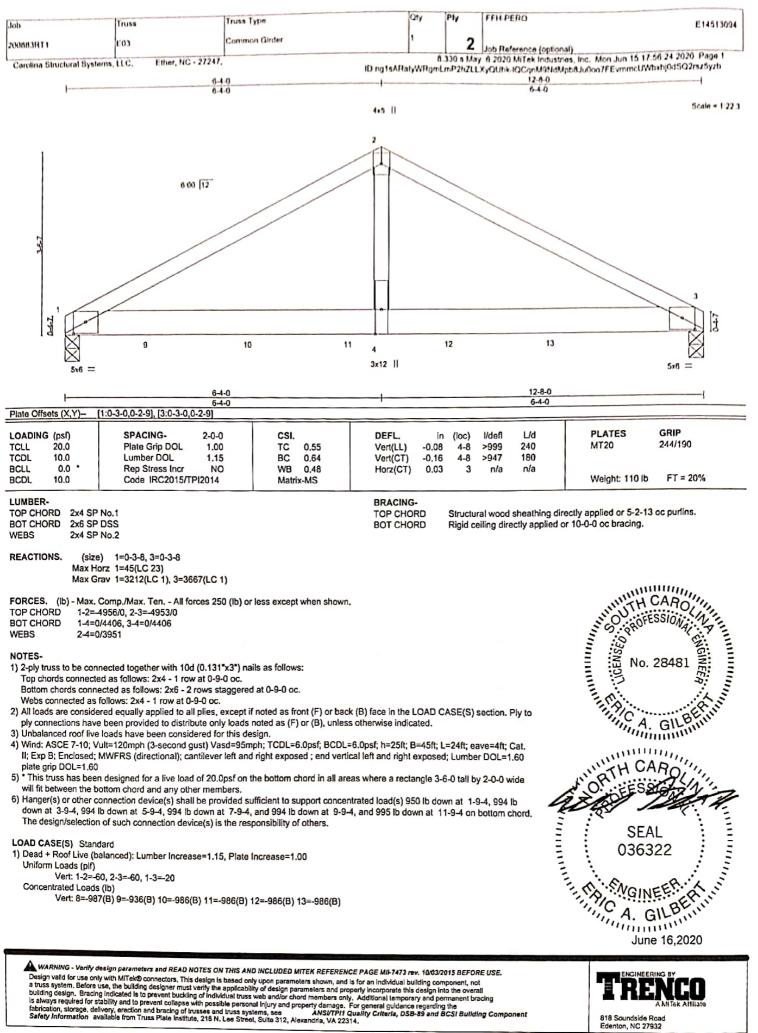
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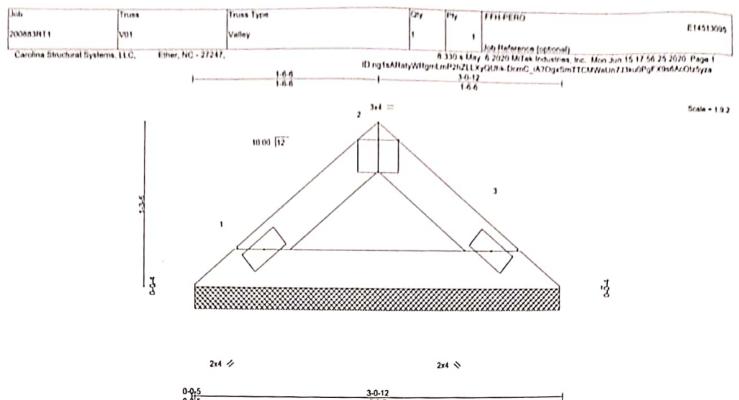


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818 Soundside Road Edenton, NC 27932



LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 BCDL 10.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2015/TPI2014	CSI. TC 0.01 BC 0.03 WB 0.00 Matrix-P	DEFL. Vert(LL) Vert(CT) Horz(CT) (	in (loc) n/a - n/a - 0.00 3	l/defi n/a n/a n/a	L/d 999 999 n/a		GRIP 244/190 FT = 20%
LUMBER- TOP CHORD 2x4 SP	No.1		BRACING- TOP CHORD	Struct	ural wood	sheathing dir	rectly applied or 3-0-1	2 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc bracing.

TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1

REACTIONS. (size) 1=3-0-3, 3=3-0-3 Max Horz 1=-17(LC 9) Max Uplift 1=-1(LC 11), 3=-1(LC 11) Max Grav 1=90(LC 1), 3=90(LC 1)

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

#### NOTES-

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

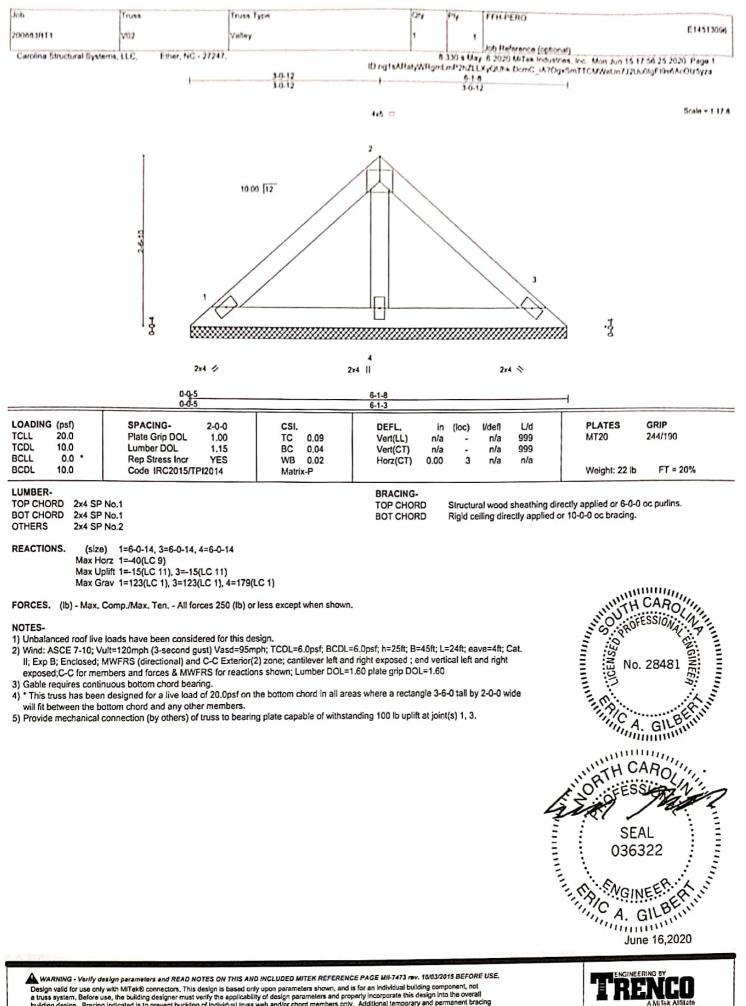
- 2) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; B=45ft; L=24ft; eave=4ft; Cat. II: Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Gable requires continuous bottom chord bearing.
- 4) \* 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.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.



A WARNING - Vorify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MIL-7473 ray. 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 temperary and parameters the subject of the su

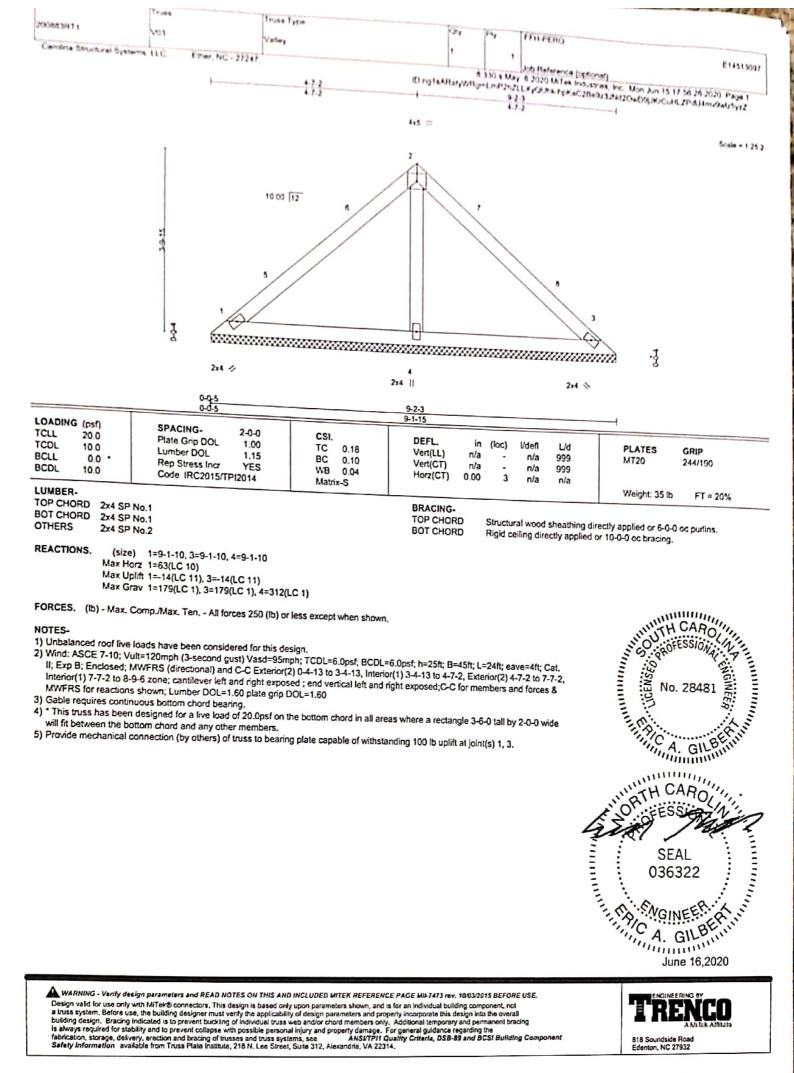


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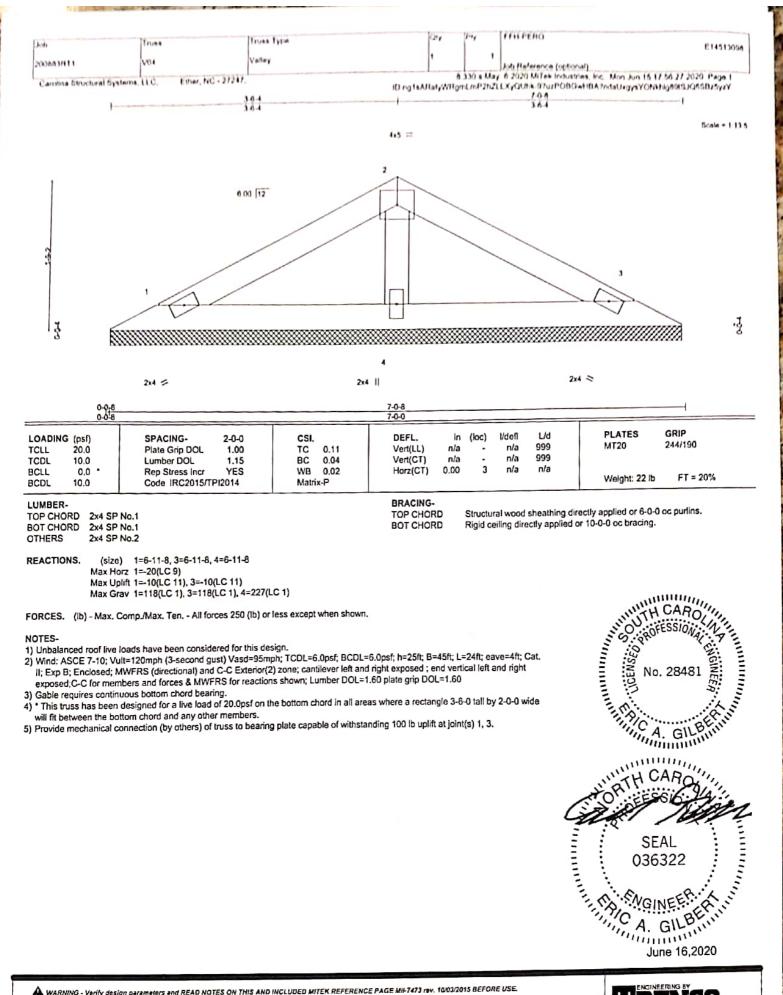


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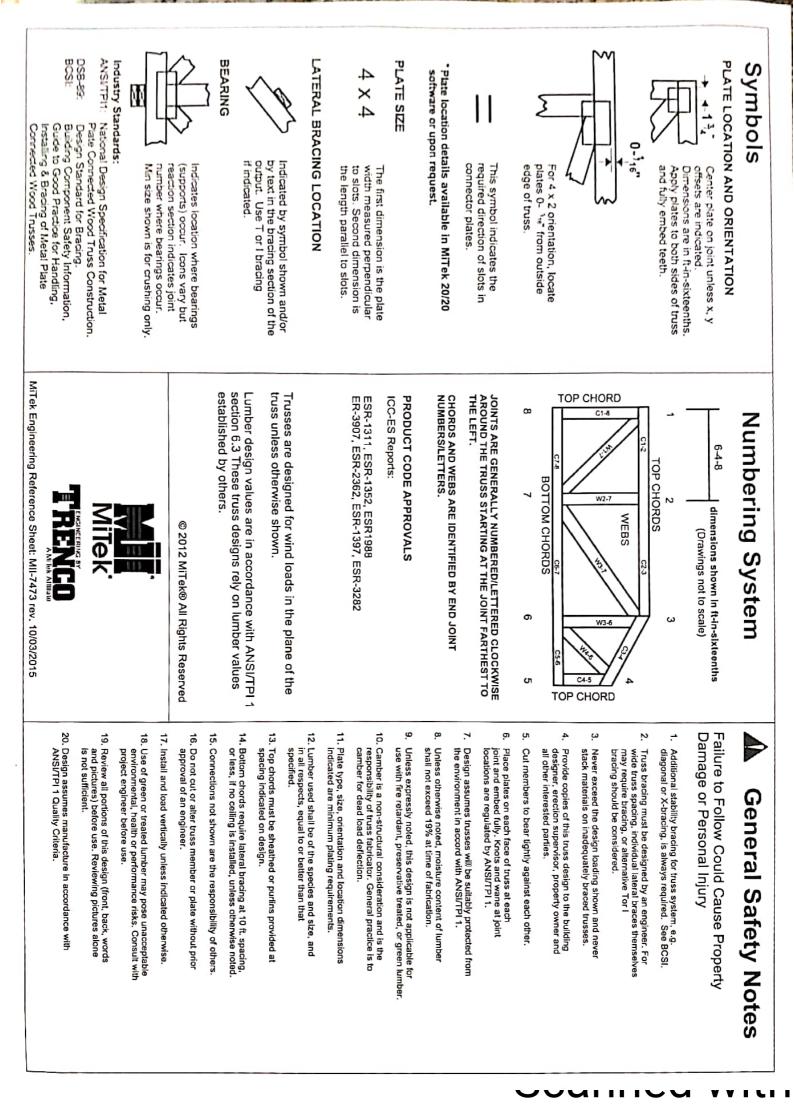


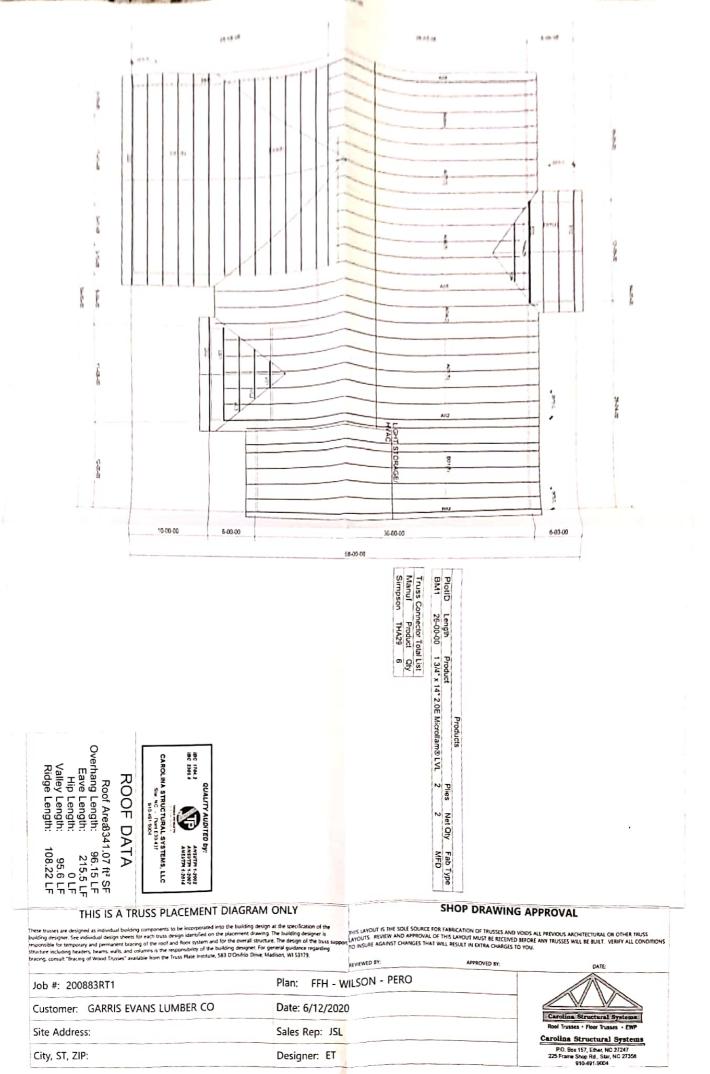
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