

Trenco 818 Soundside Rd Edenton, NC 27932

Re: J0322-1386 Parker Residence

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Comtech, Inc - Fayetteville.

Pages or sheets covered by this seal: I53984927 thru I53984927

My license renewal date for the state of North Carolina is December 31, 2022.

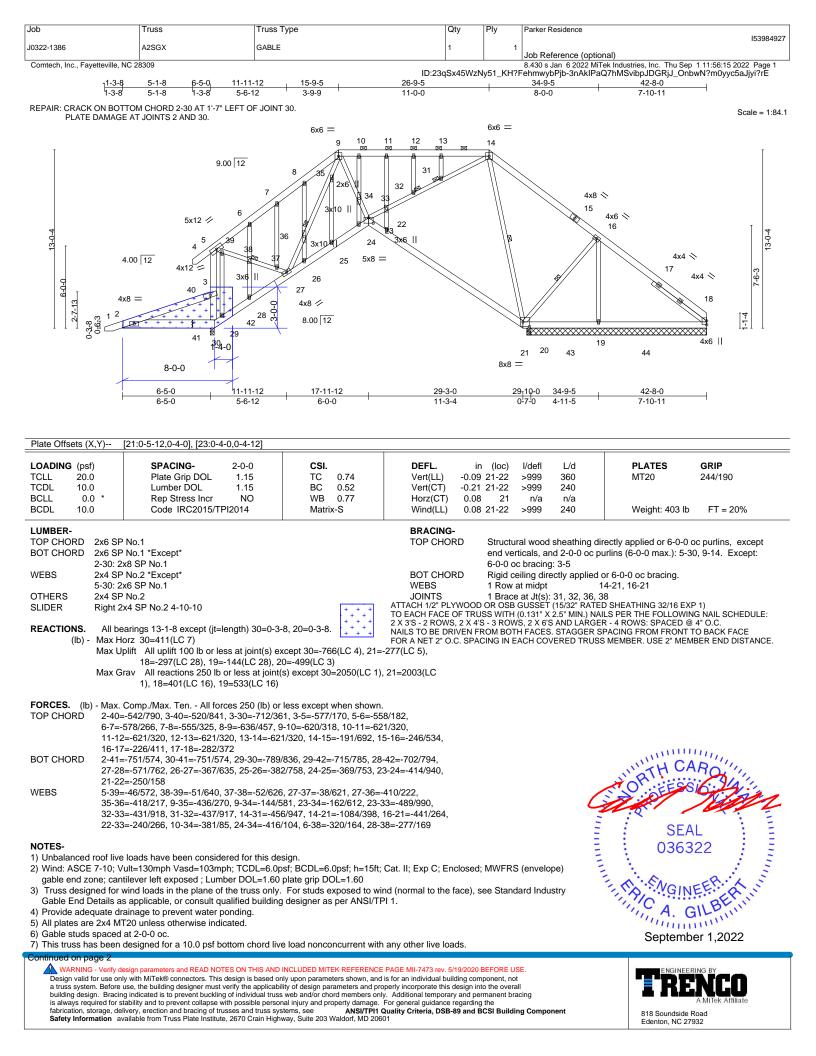
North Carolina COA: C-0844



September 1,2022

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.



Job		Truss	Truss Type	Qty	Ply	Parker Residence
10000 4000		10001				153984927
J0322-1386		A2SGX	GABLE	1	1	Job Reference (optional)
						8.430 s Jan 6 2022 MiTek Industries, Inc. Thu Sep 1 11:56:15 2022 Page 2
ID:23q					ly51_KH?F	FehmwybPjb-3nAkIPaQ7hMSvibpJDGRjJ_OnbwN?m0yyc5aJjyi?rE

NOTES-

8) * This truss has been designed for a live load of 30.0psf 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.

9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 766 lb uplift at joint 30, 277 lb uplift at joint 21, 297 lb uplift at joint 18, 144 lb uplift at joint 19 and 499 lb uplift at joint 20.

10) Following joints to be plated by qualified designer: Joint(s) 30, not plated.

11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

13) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 421 lb down and 252 lb up at 6-8-8, and 154 lb down and 92 lb up at 8-5-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

14) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-40=-60, 3-40=-20, 4-5=-60, 5-9=-60, 9-14=-60, 14-18=-60, 2-30=-20, 23-30=-20, 21-23=-20, 18-21=-20

Concentrated Loads (lb)

Vert: 30=-421(B) 42=-154(B)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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 preven tbuckling 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 sand truss systems, see **MSIVTP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



