



Model: Juneau Townhomes	MiTek USA, Inc. 16023 Swingley Ridge Rd Chesterfield, MO 63017 314-434-1200				
Address: SW Pryor Rd	2				
City: Lee's Summit State: Mo	-				
General Truss Engineering Criteria & Design Loads (Individual Truss Design					
Drawings Show Special Loading Conditions):					
Design Code: IRC2018/TPI2014	Design Program: MiTek 20/20 8.5				
	Design Method: MWFRS (Envelope) ASCE 7-16 [Low Rise]				
r r	r i i i i i i i i i i i i i i i i i i i				
Mean Roof Height (feet): 25	Exposure Category: C				
Drawings Show Special Loading Conditions): Design Code: IRC2018/TPI2014 Wind Code: ASCE 7-16 [IWind Signaled: 115 mph Roof Load: 45.0 psf	Design Program: MiTek 20/20 8.5 Design Method: MWFRS (Envelope) ASCE 7-16 [Low Ris Floor Load: N/A psf				

No. Seal# Truss Name I	Dale
1 I52101482 A2 5	5/23/22
	5/23/22
	5/23/22
	5/23/22
5 I52101486 HG2 5	5/23/22

The truss drawing(s) referenced above have been prepared by MiTek USA, Inc. under my direct supervision based on the parameters provided by Premier Building Supply (Springhill, KS)20300 W 207th Street.

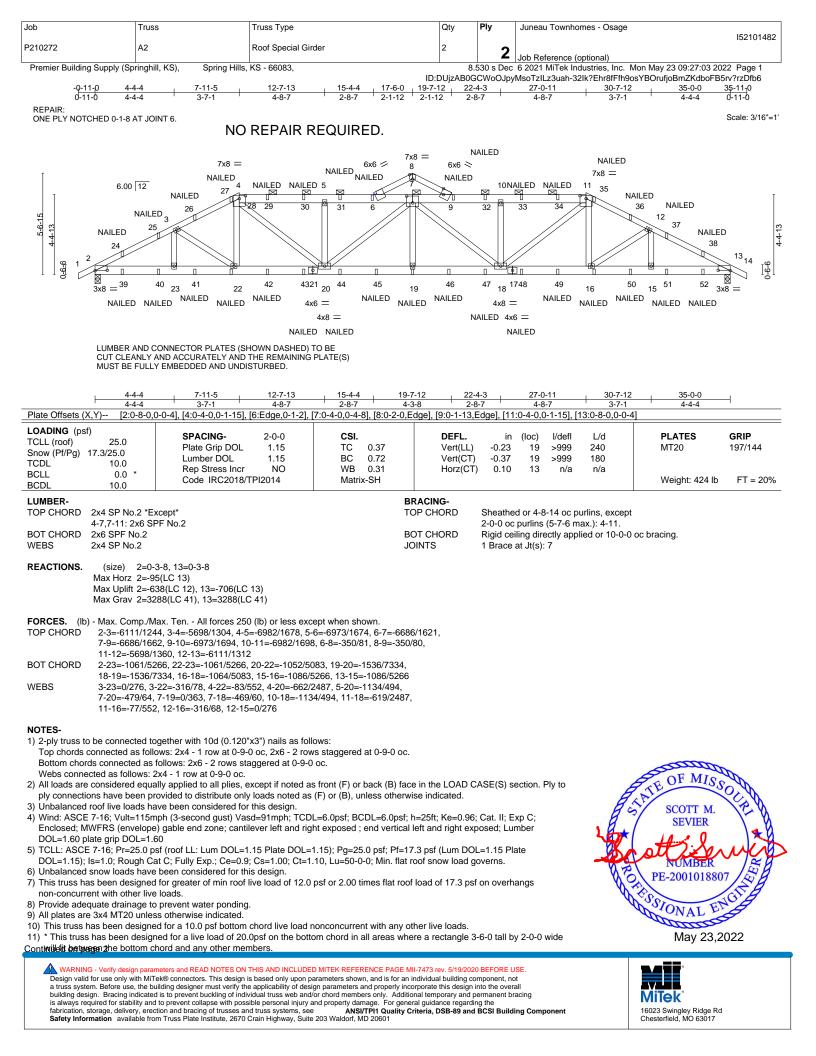
Truss Design Engineer's Name: Sevier, Scott

My license renewal date for the state of Missouri is December 31, 2023.

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.



Sevier, Scott



Job	Truss	Truss Type	Qty	Ply	Juneau Townhomes - Osage
					152101482
P210272	A2	Roof Special Girder	2	2	
				Z	Job Reference (optional)
Premier Building Supply (Springhill, KS), Spring Hills,		KS - 66083,	8.	530 s Dec	6 2021 MiTek Industries, Inc. Mon May 23 09:27:03 2022 Page 2

ID:DUjzAB0GCWoOJpyMsoTzILz3uah-32lk?Ehr8fFfh9osYBOrufjoBmZKdboFB5rv?rzDfb6

NOTES-

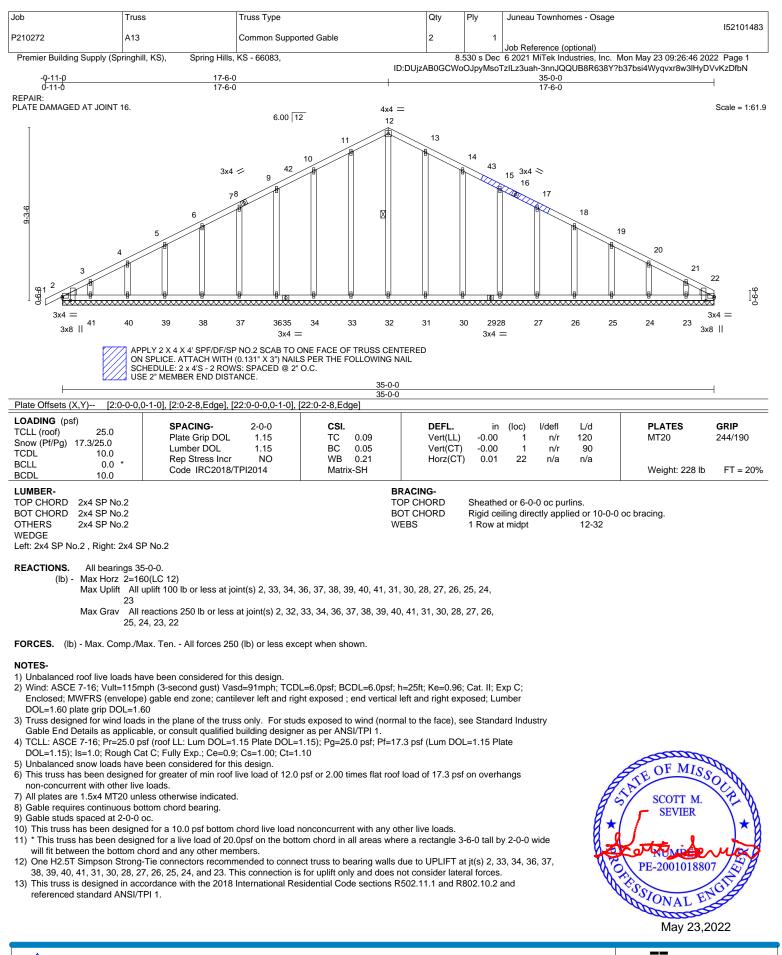
- 12) Two H2.5T Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 13. This connection is for uplift only and does not consider lateral forces.
- 13) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 14) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
- 15) "NAILED" indicates 3-10d Nails (0.148" x 3") toe-nails per NDS guidelines.

LOAD CASE(S) Standard

- 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
- Uniform Loads (plf)
 - Vert: 1-4=-55, 4-6=-55, 9-11=-55, 6-8=-55, 8-9=-55, 11-14=-55, 2-13=-20
- Concentrated Loads (lb)
 - Vert: 6=-189(F) 9=-189(F) 22=-155(F) 19=-35(F) 16=-155(F) 24=-128(F) 25=-114(F) 26=-39(F) 27=-79(F) 29=-189(F) 30=-189(F) 31=-189(F) 32=-189(F) 33=-189(F) 34=-189(F) 34=-189(F) 35=-79(F) 36=-39(F) 37=-114(F) 38=-128(F) 39=-121(F) 40=-111(F) 41=-168(F) 42=-35(F) 43=-35(F) 44=-35(F) 46=-35(F) 47=-35(F) 48=-35(F) 49=-35(F) 50=-168(F) 51=-111(F) 52=-121(F)

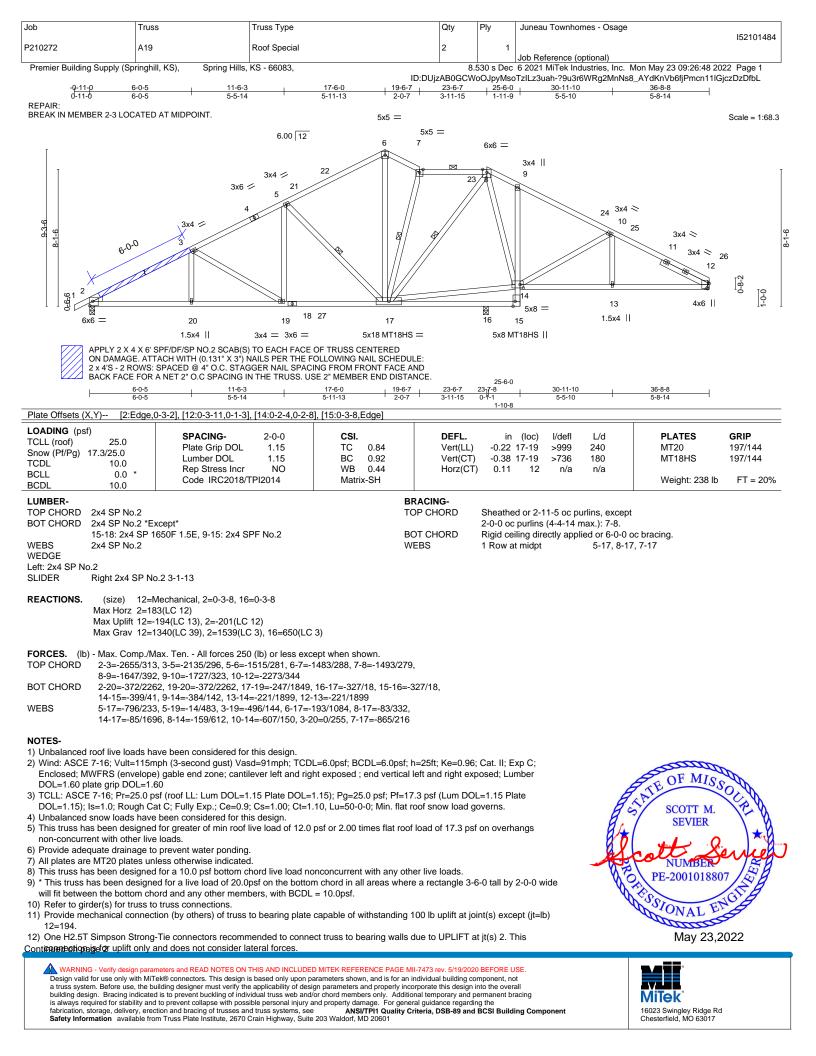
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to 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/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601





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Mitek° 16023 Swingley Ridge Rd Chesterfield, MO 63017



[Job	Truss	Truss Type	Qty	Ply	Juneau Townhomes - Osage	
						I52101484	
	P210272	A19	Roof Special	2	1		
						Job Reference (optional)	
	Premier Building Supply (Springhill, KS), Spring Hills, K		KS - 66083,	8.530 s Dec 6 2021 MiTek Industries, Inc. Mon May 23 09:26:48 2022 Page 2			
ID:DUjzAB0GCWoOJpyMsoTzILz3uah-?9u3r6WRg2MnNs8_AYdKnVb6fjPmcn1				TzILz3uah-?9u3r6WRg2MnNs8_AYdKnVb6fjPmcn11IGjczDzDfbL			

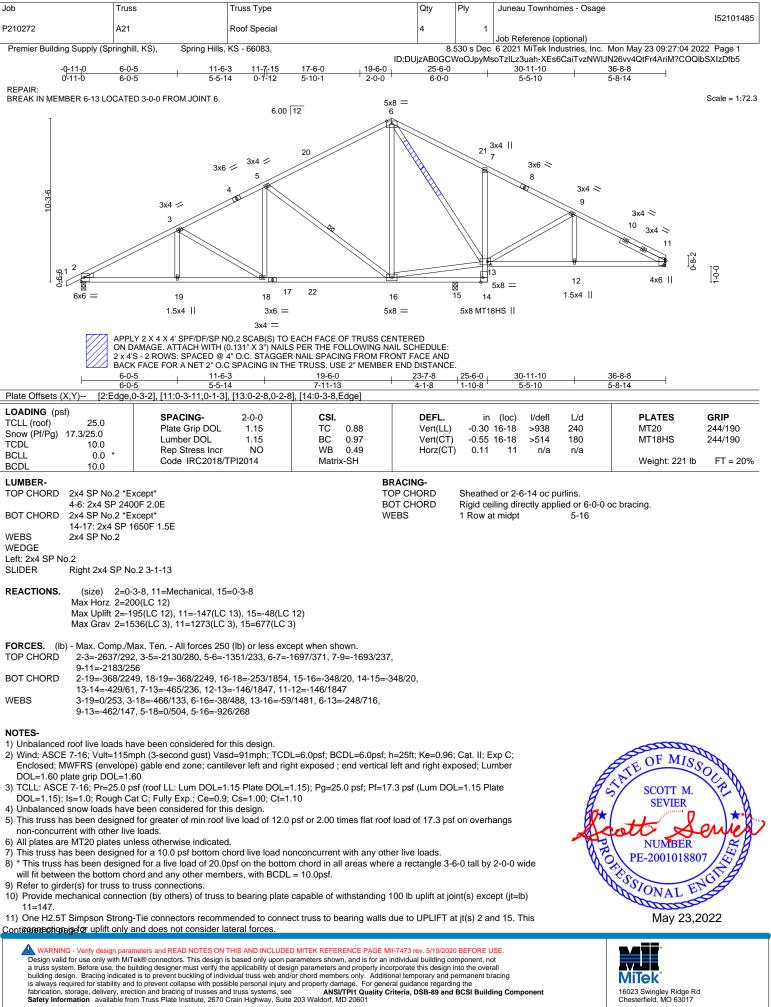
NOTES-

13) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

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

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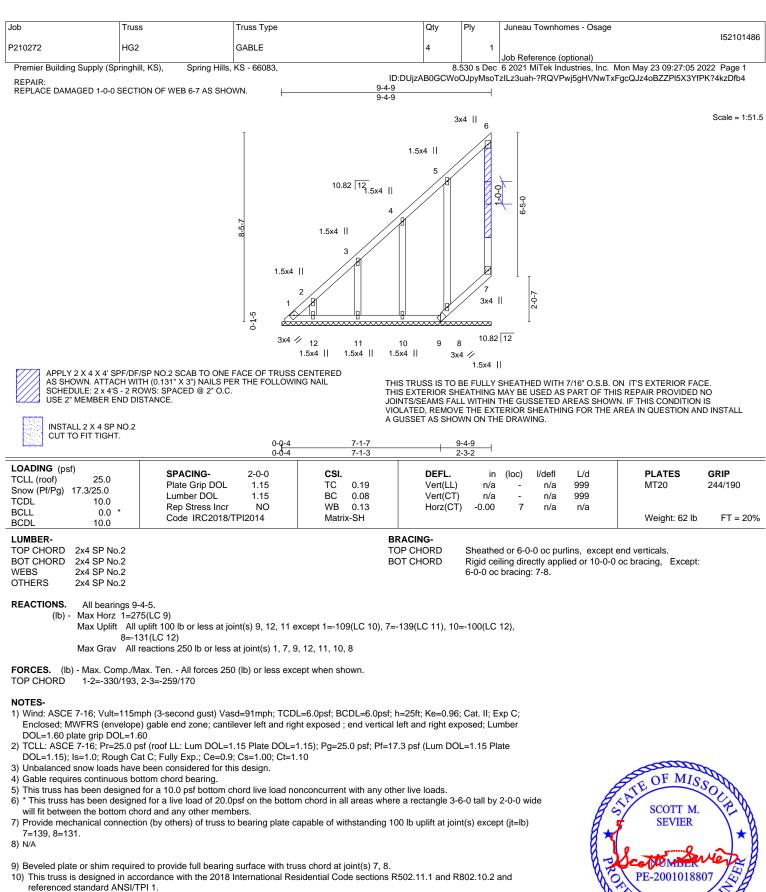
[Job	Truss	Truss Type	Qty	Ply	Juneau Townhomes - Osage	
						152101485	
	P210272	A21	Roof Special	4	1		
						Job Reference (optional)	
Premier Building Supply (Springhill, KS), Spring Hills, KS - 6608		KS - 66083,	8.530 s Dec 6 2021 MiTek Industries, Inc. Mon May 23 09:27:05 2022 Page 2				
	ID:DUjzAB0GCWoOJpyMsoTzILz3uah-?RQVPwj5gHVNwTxFgcQJz4o0qZBx5S5				zILz3uah-?RQVPwj5gHVNwTxFgcQJz4o0qZBx5SSYfPK?4kzDfb4		

NOTES-

12) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

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May 23,2022

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