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I51928542 B3

MiTek USA, Inc. RE: P210272 - Juneau Townhomes - Osage 16023 Swinglev Ridge Rd Site Information: Chesterfield, MO 63017 Project Customer: Clover & Hive Project Name: 314-434-1200 Lot/Block: Subdivision: Osage Model: Juneau Townhomes Address: SW Pryor Rd 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 Wind Code: ASCE 7-16 [IV/indRSpeced: 115 mph Design Method: MWFRS (Envelope) ASCE 7-16 [Low Rise] Roof Load: 45.0 psf Floor Load: N/A psf Mean Roof Height (feet): 25 Exposure Category: C Truss Name Date No. Seal#

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.

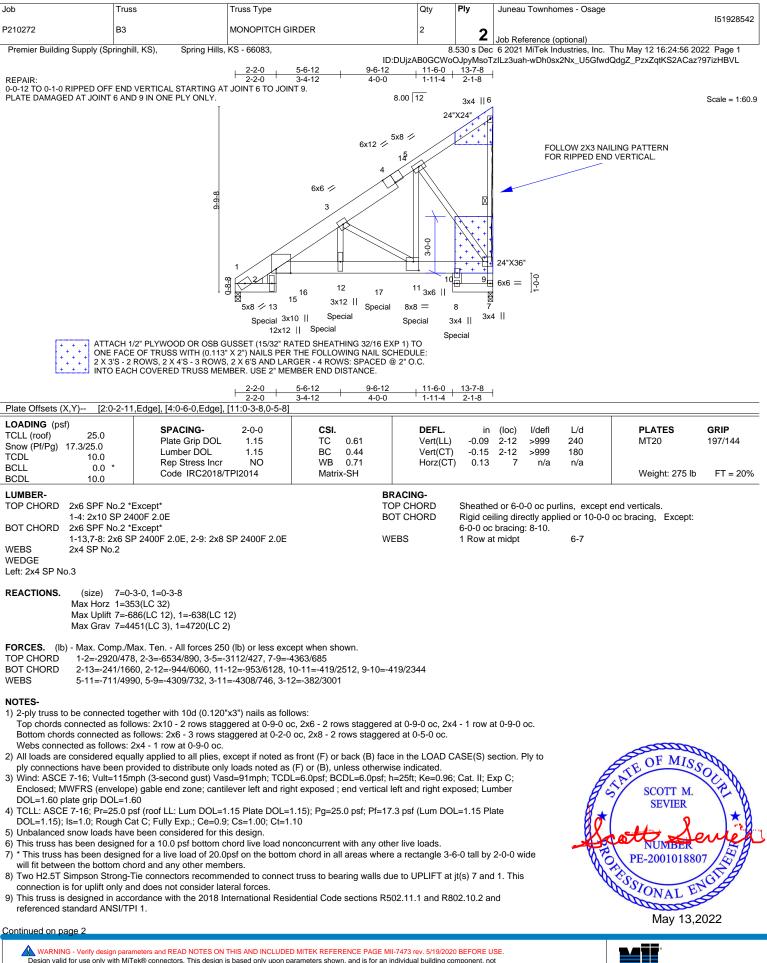
5/13/22

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



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITER REFERENCE PAGE MIT-74/3 rev. 5/19/2020 BEFORE USE. Design valid for use only with MITER® 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



	ob	Truss	Truss Type	Qty	Ply	Juneau Townhomes - Osage	
						151	1928542
F	210272	B3	MONOPITCH GIRDER	2	2		
					2	Job Reference (optional)	
	Premier Building Supply (Springhill, KS), Spring Hills, KS - 6		KS - 66083,	8.530 s Dec 6 2021 MiTek Industries, Inc. Thu May 12 16:24:57 2022 Page 2			
				AB0GCWo	OJpyMsoT	zlLz3uah-OPFO4H3?ilcytpVq_LBoWcW6IEDZBVQMpdljf8zHE	BVK

NOTES-

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1582 lb down and 233 lb up at 1-6-12, 1320 lb down and 214 lb up at 3-6-12, 1358 lb down and 179 lb up at 5-6-12, 1253 lb down and 167 lb up at 7-6-12, and 1253 lb down and 167 lb up at 9-6-12, and 1573 lb down and 206 lb up at 11-8-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-2=-55, 2-6=-55, 1-13=-20, 2-10=-20, 7-8=-20

Concentrated Loads (lb)

Vert: 10=-1254(B) 11=-1003(B) 12=-1358(B) 15=-1563(B) 16=-1320(B) 17=-1003(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 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



