# Mark Morris, P.E.

#126, 1317-M, Summerville, SC 29483 843 209-5784, Fax (866)-213-4614

The truss drawing(s) listed below have been prepared by **Atlantic Building Components** under my direct supervision based on the parameters provided by the truss designers.

AST #: 28722 JOB: 21-5965-R01 JOB NAME: 49786-0210 WOODGROVE Wind Code: 37 Wind Speed: Vult= 115mph Exposure Category: B Mean Roof Height (feet): 20 These truss designs comply with IRC 2015 as well as IRC 2018. *18 Truss Design(s)* 

Trusses:

M01, M02, M03, R01, R02, R02B, R03, R03B, R04, R05, R06, R07, VT01, VT02, VT03, VT04, VT05, VT06



## Warning !--- Verify design parameters and read notes before use.

This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 Guide to



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Job	Truss	Truss Type	Qty	Ply	49786-0210 WOODGROVE   FUQUAY	/ARINA, NC
21-5965-R01	M01	GABLE	1	1	Job Reference (optional)	# 28722

8.430 s Feb 12 2021 MiTek Industries, Inc. Thu Sep 30 16:11:40 2021 Page 2 ID:9CcuJI7eSaUnzH5X3uf?Igz6QyZ-vrDP2iB0bmfCxAijgbGhhmTPdbOy\_DdAyEA9nEyYPG1

LOAD CASE(S) Standard



9/29/2021



LUMBER-

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

WFBS 2x4 SP No.3 BRACING-TOP CHORD BOT CHORD

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

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide

Structural wood sheathing directly applied or 2-2-0 oc purlins, except

REACTIONS. (lb/size) 5=237/Mechanical, 2=254/0-3-8 (min. 0-1-8) Max Horz 2=53(LC 10) Max Uplift5=-25(LC 14), 2=-17(LC 10) Max Grav 5=319(LC 21), 2=344(LC 21)

FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown. TOP CHORD 3-5=-264/103

NOTES- (10-13)

- 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=5.0psf; BCDL=5.0psf; h=10ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
- 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 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit
- between the bottom chord and any other members.
- 7) Refer to girder(s) for truss to truss connections.

- 2) Refer to girder(s) for truss to truss connections.
  8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 2.
  9) 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.
  10) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
  11) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
  12) Web bracing shown is for lateral support of individual web members only. Refer to BCSI Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
  13) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

# LOAD CASE(S) Standard





responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 National Design Standard for Metal Plate Connected Wood Truss Construction and BCSI 1-03 Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



					3	5-8-8						
	1				3	5-8-8					I	
Plate Offsets	(X,Y) [7:0-3-	0,0-3-0], [23:0-3-0,0-3-0]	], [39:0-3-8,0-0-	-4]								
LOADING (ps TCLL (roof) Snow (Pf) TCDL BCLL BCDL	f) 20.0 20.0 10.0 0.0 * 10.0	<b>SPACING-</b> Plate Grip DOL Lumber DOL Rep Stress Incr Code IRC2018/TP	2-0-0 1.15 1.15 YES I2014	<b>CSI.</b> TC BC WB Matri	0.10 0.09 0.14 x-SH	DEFL. Vert(LL) Vert(CT) Horz(CT)	in 0.00 0.00 0.01	(loc) 1 1 29	l/defl n/r n/r n/a	L/d 180 80 n/a	PLATES MT20 Weight: 307	<b>GRIP</b> 244/190 Ib FT = 20%
LUMBER- TOP CHORD BOT CHORD WEBS OTHERS	2x4 SP No.2 2x4 SP No.3 2x4 SP No.3 2x4 SP No.3		, i			BRACING- TOP CHORD BOT CHORD WEBS	Struc end v Rigid 1 Rov	tural w vertical ceiling w at mi	ood shea s. I directly dpt	athing dire applied or 15-43	ctly applied or 6-0-0 c 10-0-0 oc bracing. 3, 14-44, 13-45, 16-42	oc purlins, except 2, 17-41
							MiT be i Inst	ek reconstalle allatior	ommend d during auide.	s that Stat truss erec	bilizers and required c tion, in accordance w	ross bracing ith Stabilizer

### REACTIONS. All bearings 35-8-8

(lb) - Max Horz 57=118(LC 14)

Max Uplift All uplift 100 lb or less at joint(s) 57, 29, 44, 45, 46, 47, 49, 50, 51, 52, 53, 54, 55, 56, 42, 41, 40, 39, 37, 36, 35, 34, 33, 32, 31, 30

Max Grav All reactions 250 lb or less at joint(s) 57, 29, 43, 44, 45, 46, 47, 49, 50, 51, 52, 53, 54, 55, 56, 42, 41, 40, 39, 37, 36, 35, 34, 33, 32, 31, 30

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

### NOTES-(15-18)

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=5.0psf; BCDL=5.0psf; h=24ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3E) -0-4-8 to 3-4-0, Exterior(2N) 3-4-0 to 14-0-0, Corner(3R) 14-0-0 to 22-0-0, Exterior(2N) 22-0-0 to 31-4-0, Corner(3E) 31-4-0 to 35-6-12 zone;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) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough
- PROFESSIO Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
- Unbalanced snow loads have been considered for this design.
- 6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs
- non-concurrent with other live loads.
- 7) All plates are 2x4 MT20 unless otherwise indicated.
- 8) Gable requires continuous bottom chord bearing.
- 9) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 10) Gable studs spaced at 1-4-0 oc.
- 11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

- 14) 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.

22<u>021</u> Continuing by ber berge Zesign parameters and read notes before use. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 National Design Standard for Metal Plate Connected Wood Truss Construction and BCSI 1-03 Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

ANGINE K. MORP

9/29/2021

Job	Truss	Truss Type	Qty	Ply	49786-0210 WOODGROVE   FUQUAY VAF	RINA, NC
21-5965-R01	R01	GABLE	1	1	Job Reference (optional)	# 28722
					8,430 s Feb 12 2021 MiTek Industries, Inc. T	hu Sep 30 16:11:49 2021 Page 2

ID:9CcuJI7eSaUnzH5X3uf?lgz6QyZ-8aGpxnlfTXnwWYuSi\_woZgL1qDV1bH3V08s8aDyYPFu

15) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 16) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

17) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate

Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 18) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	49786-0210 WOODGROVE   FUQUAY VA	ARINA, NC
21-5965-R01	R02	Common	9	1	Job Reference (optional)	# 28722
					8,430 s Feb 12 2021 MiTek Industries, Inc.	Thu Sep 30 16:11:51 2021 Page 2

ID:9CcuJI7eSaUnzH5X3uf?Igz6QyZ-5zOZLTJv?82ems2qpPyGe5Q9a1\_c37mnTSLFf6yYPFs

11) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 12) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

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LOAD CASE(S) Standard





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Job	Truss	Truss Type	Qty	Ply	49786-0210 WOODGROVE   FUQUAY V	ARINA, NC
21-5965-R01	R02B	Common	1	1	Job Reference (optional)	# 28722
					8,430 s Feb 12 2021 MiTek Industries, Inc.	Thu Sep 30 16:11:54 2021 Page

ID:9CcuJI7eSaUnzH5X3uf?lgz6QyZ-VY3h\_VMoI3QDdJmPVYWzGj2iDE38GR\_EAQZvGRyYPFp

12) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 13) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

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LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	49786-0210 WOODGROVE   FUQUAY VAP	RINA, NC
21-5965-R01	R03	Common	5	1	Job Reference (optional)	# 28722
					8,430 s Feb 12 2021 MiTek Industries, Inc. T	Thu Sep 30 16:11:56 2021 Page 2

ID:9CcuJI7eSaUnzH5X3uf?lgz6QyZ-RwBSPAN2qggxsdwocyYRL872X2htkO0Wdj20KJyYPFn

10) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 11) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

12) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate

Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 13) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	49786-0210 WOODGROVE   FUQUAY VA	RINA, NC
21-5965-R01	R03B	СОММОН	4	1	Job Reference (optional)	# 28722
					8.430 s Feb 12 2021 MiTek Industries. Inc.	Thu Sep 30 16:11:58 2021 Page 2

ID:9CcuJI7eSaUnzH5X3uf?lgz6QyZ-NJJCqsPIMIwe5x4BkNavQZDN7rQ\_CEvp41X6PCyYPFI

11) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 12) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

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Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 14) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard





(lb) - Max Horz 60=112(LC 18)

Max Uplift All uplift 100 b or less at joint(s) 60, 32, 47, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 45, 43, 42, 41, 40, 39, 38, 37, 36, 35 except 34=-106(LC 15)

Max Grav All reactions 250 lb or less at joint(s) 60, 32, 46, 47, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 45, 43, 42, 41, 40, 39, 38, 37, 36, 35, 34, 33

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

NOTES-(15-18)

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=5.0psf; BCDL=5.0psf; h=24ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3E) -0-4-8 to 3-4-0, Exterior(2N) 3-4-0 to 14-0-0, Corner(3R) 14-0-0 to 22-0-0, Exterior(2N) 22-0-0 to 32-4-14, Corner(3E) 32-4-14 to 36-4-8 zone;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) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough
- Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
- Unbalanced snow loads have been considered for this design.
- 6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs
- non-concurrent with other live loads.
- 7) All plates are 2x4 MT20 unless otherwise indicated.
- 8) Gable requires continuous bottom chord bearing.
- 9) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 10) Gable studs spaced at 1-4-0 oc.
- 11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 11) This it does not been designed for a live load of 30.0pst on the bottom chord in an area of the intervention of the bottom chord and any other members, with BCDL = 10.0pst.
  13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 60, 32, 47, 49, 50, 51, 50, 51, 55, 56, 57, 58, 50, 45, 43, 42, 41, 40, 39, 38, 37, 36, 35 except (jt=lb) 34=106.
- 14) 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.

Job	Truss	Truss Type	Qty	Ply	49786-0210 WOODGROVE   FUQUAY VARINA, NC	
21-5965-R01	R04	GABLE	1	1	Job Reference (optional) # 28722	
					8.430 s Feb 12 2021 MiTek Industries, Inc. Thu Sep 30 16:12:04 2021 Pa	age 2

ID:9CcuJI7eSaUnzH5X3uf?lgz6QyZ-CTgT4wT3x7goqsXK4ehJgqSb3GdYc3niTz\_RcryYPFf

15) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 16) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

17) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate

Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 18) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	49786-0210 WOODGROVE   FUQUAY VARINA, NC		
21-5965-R01	R05	GABLE	1	2	Job Reference (optional)	# 28722	
		ID:9	CcuJl7eS	aUnzH5X	8.430 s Feb 12 2021 MiTek Industries, Inc. Thu 3uf?lgz6QyZ-5Ev_wHWa?MBEITr6JUmFc	I Sep 30 16:12:08 2021 Page 2 ggd6JtoOYiZHObyeldyYPFb	

### NOTES- (17-20)

- 11) \* 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 1-0-0 wide will fit between the bottom chord and any other members.
- 12) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- To be any of parameters of the second second
- 15) Use Simpson Strong-Tie HTU26 (20-10d Girder, 11-10dx1 1/2 Truss, Single Ply Girder) or equivalent spaced at 2-0-0 oc max. starting at 2-0-12 from the left end to 19-0-12 to connect truss(es) R02 (1 ply 2x6 SP), R02B (1 ply 2x6 SP) to back face of bottom chord.
- 16) Fill all nail holes where hanger is in contact with lumber.
- 17) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 18) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
- 19) Web bracing shown is for lateral support of individual web members only. Refer to BCSI Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 20) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS
- OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

### LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-6=-60, 6-8=-60, 2-9=-20 Concentrated Loads (lb)

Vert: 11=-1408(B) 31=-1408(B) 32=-1408(B) 33=-1408(B) 34=-1408(B) 35=-1408(B) 36=-1408(B) 37=-1408(B) 38=-1408(B) 39=-1517(B)





Job	Truss	Truss Type	Qty	Ply	49786-0210 WOODGROVE   FUQUAY VARINA, NC
21-5965-R01	R06	Common	1	1	Job Reference (optional) # 28722
					8.430 s Feb 12 2021 MiTek Industries, Inc. Thu Sep 30 16:12:10 2021 Pag

ID:9CcuJI7eSaUnzH5X3uf?lgz6QyZ-1d1lLzYqXzRxYn?URvojv5iUShZt0nRarvRlqVyYPFZ

Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
 Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

 Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
 SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS

13) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	49786-0210 WOODGROVE   FUQUAY V	ARINA, NC
21-5965-R01	R07	GABLE	1	1	Job Reference (optional)	# 28722
					8.430 s Feb 12 2021 MiTek Industries, Inc.	Thu Sep 30 16:12:13 2021 Page 2

ID:9CcuJI7eSaUnzH5X3uf?lgz6QyZ-RCjtz\_ajqupWPEj361LQXKK8Uui?D951XtgPRqyYPFW

15) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
16) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

 Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
 SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS

18) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard















FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown. WFBS 2-7=-265/135

NOTES-(9-12)

- 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=5.0psf; BCDL=5.0psf; h=21ft; Cat. II; Exp B; Enclosed; MWFRS

9/29/2021