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 #: 60361 JOB: 25-5443-R01 JOB NAME: LOT 125 PROVIDENCE CREEK Wind Code: ASCE7-16 Wind Speed: Vult= 120mph Exposure Category: B Mean Roof Height (feet): 35 These truss designs comply with IRC 2015 as well as IRC 2018. *17 Truss Design(s)*

Trusses: J01, J02, R01, R02, R03, R04, R05, R06, R07, R08, R09, R11, R12, V01, V02, V03, V04



My license renewal date for the state of North Carolina is 12/31/2025

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Continued on page 2

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6/19/2025

Job	Truss	Truss Type	Qty	Ply	LOT 125 PROVIDENCE CREEK 389 PROVID	ENCE CREEK DRIVE FUQUA	Y-VA
25-5443-R01	R01	GABLE	1	1	Job Reference (optional)	# 60361	
		Run: 8.	430 s Feb '	12 2021 Prir	nt: 8.630 s Jul 12 2024 MiTek Industries, Inc. The	u Jun 19 09:22:57 2025 Page 2	

ID:LMYcl0k6WxwRv7sYDBxhESyl?Z9-ygJo82JGB7AC?Rp_1ebQ9DxYZGOtTcduLHGhV8z4n?C

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LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	LOT 125 PROVIDENCE CREEK 389 PROVI	DENCE CREEK DRIVE FUQUA	7-VA
25-5443-R01	R02	Common	2	1	Job Reference (optional)	# 60361	
		Run: 8.	430 s Feb '	12 2021 Prir	nt: 8.630 s Jul 12 2024 MiTek Industries, Inc. Th	nu Jun 19 09:22:59 2025 Page 2	

Run: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Thu Jun 19 09:22:59 2025 Page 2 ID:LMYcl0k6WxwRv7sYDBxhESyl?Z9-u3RYZjKWjkQwElzN93duEe0hx4vyxOFBobloa1z4n?A

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LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	LOT 125 PROVIDENCE CREEK 389 PRO	VIDENCE CREEK DRIVE FUQUA	Y-VA
25-5443-R01	R03	Common	7	1	Job Reference (optional)	# 60361	
		Run: 8	430 s Feb	12 2021 Prir	nt: 8.630 s Jul 12 2024 MiTek Industries. Inc.	Thu Jun 19 09:23:01 2025 Page 2	

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LOAD CASE(S) Standard





Continued on page 2

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6/19/2025

Job	Truss	Truss Type	Qty	Ply	LOT 125 PROVIDENCE CREEK 389 PROV	DENCE CREEK DRIVE FUQUA	Y-VA
25-5443-R01	R04	Common	8	1	Job Reference (optional)	# 60361	
		Run: 8.	130 s Feb 1	12 2021 Prir	nt: 8.630 s Jul 12 2024 MiTek Industries, Inc. T	hu Jun 19 09:23:03 2025 Page 2	

ID:LMYcl0k6WxwRv7sYDBxhESyl?Z9-nqg3P5O1mzwLjMH8OvhqOUBNzhHutDvnjDj?joz4n?6

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LOAD CASE(S) Standard





5) 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 2-0-0 oc.
- 11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 12) * 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 with between the bottom chord and any other members, with BCDL = 10.0psf.
- 13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 40, 22, 32, 33, 3536 , 37, 38, 39, 30, 29, 27, 26, 25, 24, 23.



Continued on page 2

Job	Truss	Truss Type	Qty	Ply	LOT 125 PROVIDENCE CREEK 389 PRO	VIDENCE CREEK DRIVE FUQUA	′-VA
25-5443-R01	R05	Common Supported Gable	1	1	Job Reference (optional)	# 60361	
		Run: 8.4	130 s Feb 1	12 2021 Prir	nt: 8.630 s Jul 12 2024 MiTek Industries, Inc.	Thu Jun 19 09:23:07 2025 Page 2	

ID:LMYcl0k6WzwRv7sYDBxhESyl?Z9-fbwaFTRXqCQnBzavdImmYKMF1IoDp86NerhDsZz4n?2

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LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	LOT 125 PROVIDENCE CREEK 389 PROV	VIDENCE CREEK DRIVE FUQUA
25-5443-R01	R06	Common Supported Gable	1	1	Job Reference (optional)	# 60361
		Run: 8.4	130 s Feb 1	12 2021 Prir	nt: 8.630 s Jul 12 2024 MiTek Industries, Inc.	Thu Jun 19 09:23:09 2025 Page 2

ID:LMYcl0k6WxwRv7sYDBxhESyl?Z9-b_1Kg8SoMpgVRHkIkAoEelRbX6VQH4eg69AKwSz4n?0

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LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	LOT 125 PROVIDENCE CREEK 389 PRO	VIDENCE CREEK DRIVE FUQUA	Y-VA
25-5443-R01	R07	DUAL RIDGE GABLE	1	1	Job Reference (optional)	# 60361	
		Run: 8	3.430 s Feb	12 2021 Prir	nt: 8.630 s Jul 12 2024 MiTek Industries. Inc.	Thu Jun 19 09:23:11 2025 Page 2	<u>í</u>

ID:LMYc10k6WxwRv7sYDBxhESyl?29-YM944qU2uQwDgbugsarijAWrdv6ulv7yZTtQ?Kz4n?_ 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.

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LOAD CASE(S) Standard





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Job	Truss	Truss Type	Qty	Ply	LOT 125 PROVIDENCE CREEK 389 PROVID	ENCE CREEK DRIVE FUQUA	Y-VA
25-5443-R01	R08	Common	3	1	Job Reference (optional)	# 60361	
		Run: 8.4	130 s Feb 1	12 2021 Prir	nt: 8.630 s Jul 12 2024 MiTek Industries, Inc. Thu	Jun 19 09:23:13 2025 Page 2	

ID:LMYcl0k6WxwRv7sYDBxhESyl?Z9-UIHrVWVIQ2Bxwu23z?tAobc8LjeqDmqF1n8X2Dz4n_y

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LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	LOT 125 PROVIDENCE CREEK 389 PRC	VIDENCE CREEK DRIVE FUQUAY	-VA
25-5443-R01	R09	Common Girder	1	3	Job Reference (optional)	# 60361	
		Run: 8	430 s Feb	12 2021 Prir	nt: 8.630 s Jul 12 2024 MiTek Industries, Inc.	Thu Jun 19 09:23:17 2025 Page 2	

Run: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 Mi lek Industries, Inc. Thu Jun 19 09:23:17 2025 Page 2 ID:LMYcl0k6WxwRv7sYDBxhESyl?29-MWWMLtYpTGhMOWLqCry6yRmqTK_I9UdrxP6IB_z4n_u

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LOAD CASE(S) Standard

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

Uniform Loads (plf) Vert: 1-4=-60, 4-7=-60, 11-15=-20

Concentrated Loads (lb)

Vert: 9=-1379(B) 21=-1282(B) 22=-1282(B) 23=-1379(B) 24=-1379(B) 25=-1379(B) 26=-1379(B) 27=-1379(B) 28=-1379(B)





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25-5443-R01	R11	Common	3	1	Job Reference (optional)	# 60361
		Run: 8.	430 s Feb 1	12 2021 Prir	nt: 8.630 s Jul 12 2024 MiTek Industries. Inc.	Thu Jun 19 09:23:18 2025 Page 2

ID:LMYcl0k6WxwRv7sYDBxhESyl?Z9-rj4kYDZREapD0fw0mYTMVfJ5JkY3u8k_A3slkQz4n_t

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LOAD CASE(S) Standard











