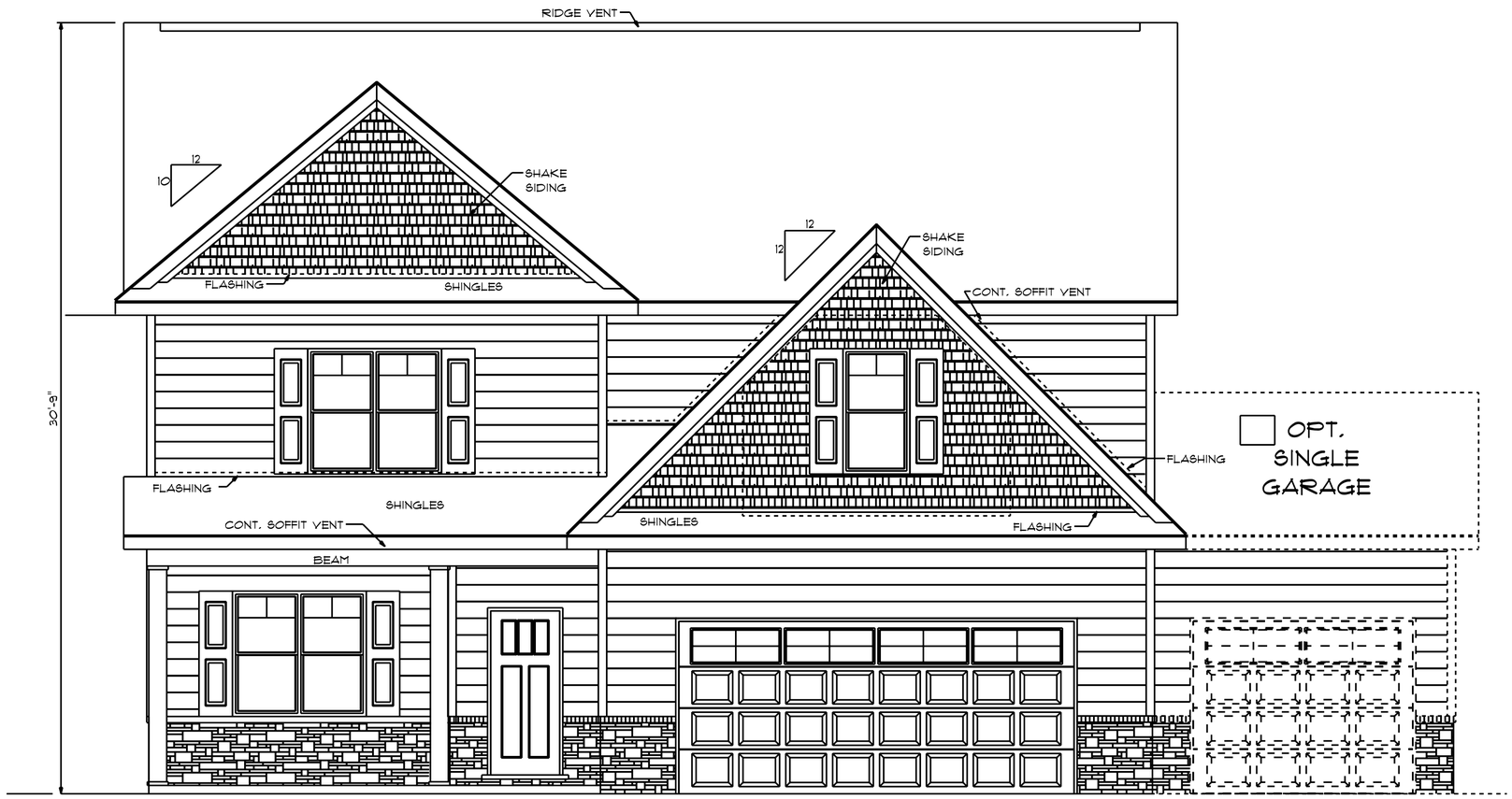
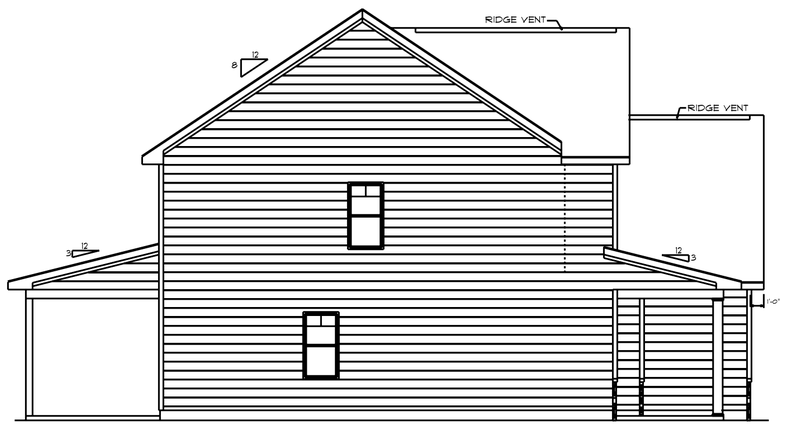


ATTIC VENTILATION - 3609 S/F / 300 = 12.03 S/F REQUIRED

FRONT ELEVATION

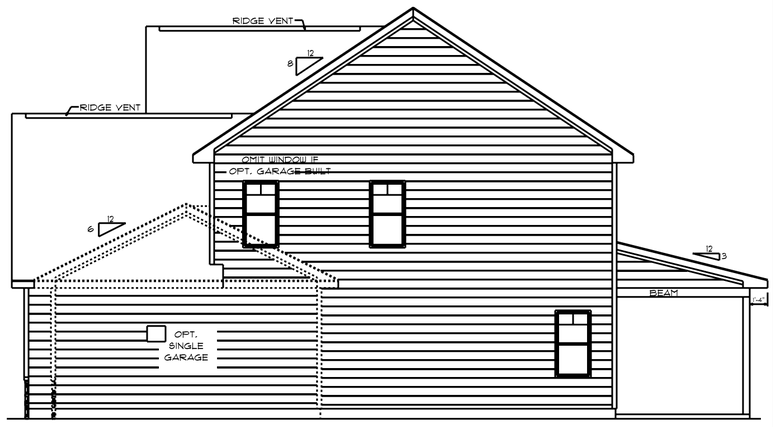
SCALE: 1/4" = 1'0"

9'0" FINISHED CEILING HEIGHT ON FIRST FLOOR
7'4" WINDOW HEADER HEIGHT ON FIRST FLOOR
8'0" FINISHED CEILING HEIGHT ON SECOND FLOOR
6'8" WINDOW HEADER HEIGHT ON SECOND FLOOR
CANTILEVER ALL ROOF TRUSSES



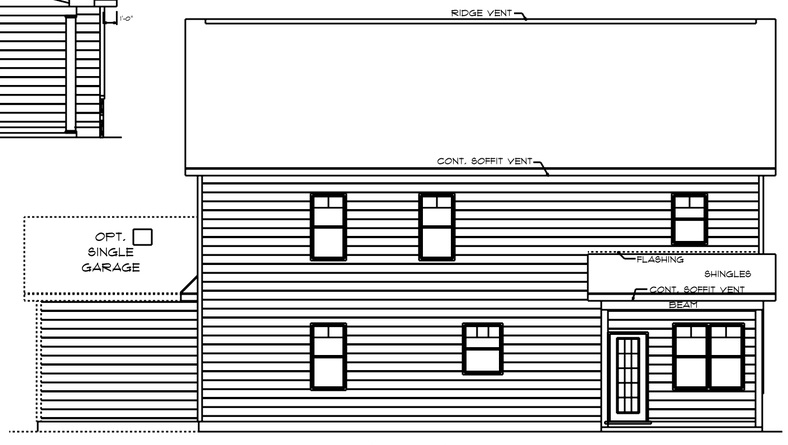
LEFT ELEVATION

SCALE: 1/8" = 1'0"



RIGHT ELEVATION

SCALE: 1/8" = 1'0"



REAR ELEVATION

SCALE: 1/8" = 1'0"

NOTICE TO CONTRACTOR
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

APPROVED
Limited building only review
Permit holder responsible for full compliance with the code

07/24/2025

Harnett COUNTY NORTH CAROLINA

NOTE:
BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER LOCAL CODE AS IT PERTAINS TO LOCATION OF HOUSE 100, 110, 120, 130, 140, 150, MPH

REED #2
B - 2286

NOTES:
1. ALL FINAL MATERIALS ARE TO BE CHOSEN BY HOME OWNER AND / OR BUILDER.
2. FINAL NUMBER OF EXTERIOR STEPS WILL BE DETERMINED ON SITE BY GRADE
3. CONTRACTOR MUST MEET OR EXCEED ALL LOCAL BUILDING CODES.(NC 2018)
4. DESIGNER ASSUMES NO RESPONSIBILITY FOR CHANGES TO DRAWINGS BY OTHERS DURING CONSTRUCTION
5. ALL STRUCTURAL INFO SHOWN ON PLANS ARE FOR REFERENCE PURPOSES ONLY. CONTRACTOR SHALL HAVE STRUCTURAL ENG. REVIEW AND DESIGN ALL STRUCTURAL ELEMENTS

GCP Designs Group LLC
Designs You Can Trust

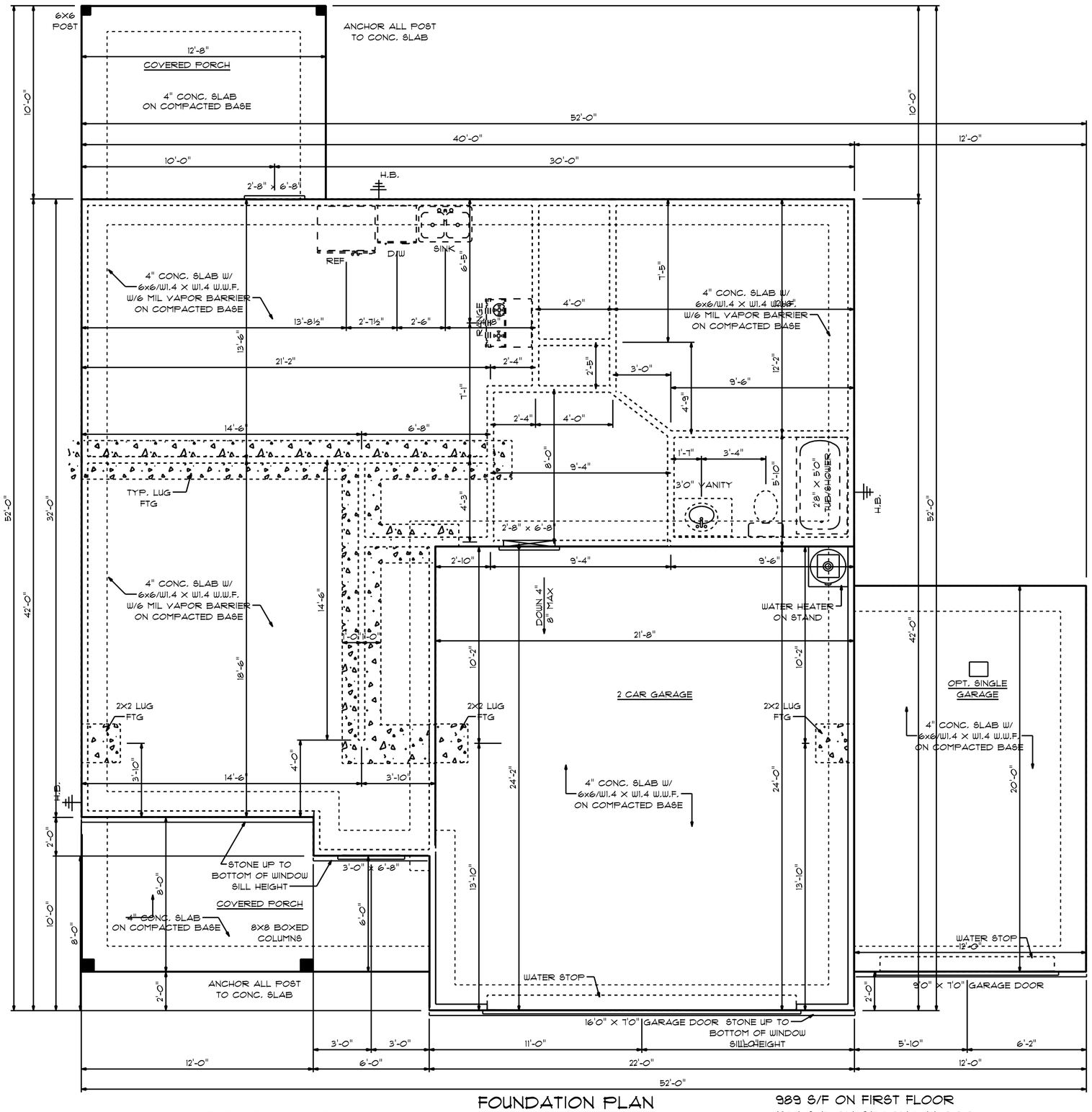
DATE: 6-4-2021

SUBDIVISION:

BUILDER:

BRIDGEPORT DEVELOPMENT

FAYETTEVILLE, NORTH CAROLINA



FOUNDATION PLAN

SCALE: 1/4" = 1'0"

CONCRETE NOTES

NOTES:
1) MINIMUM SOIL BEARING CAPACITY: 2000 psf.
2) CONCRETE COMPRESSIVE STRENGTH @ END OF 28 DAYS (MIN)
FOUNDATIONS, FOOTING, & INTERIOR SLABS = 3000 psi.
EXTERIOR SLAB (EXPOSED TO WEATHER) = 3500 psi.

989 S/F ON FIRST FLOOR
1297 S/F ON SECOND FLOOR
2286 S/F TOTAL HEATED AREA
523 S/F IN DOUBLE GARAGE
147 S/F ON FRONT PORCH
120 S/F ON REAR PORCH
240 S/F IN OPT. SINGLE GARAGE

REED #2
B - 2286

NOTES:
1. ALL FINAL MATERIALS ARE TO BE CHOSEN BY HOME OWNER AND / OR BUILDER.
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DATE: 6-4-2021

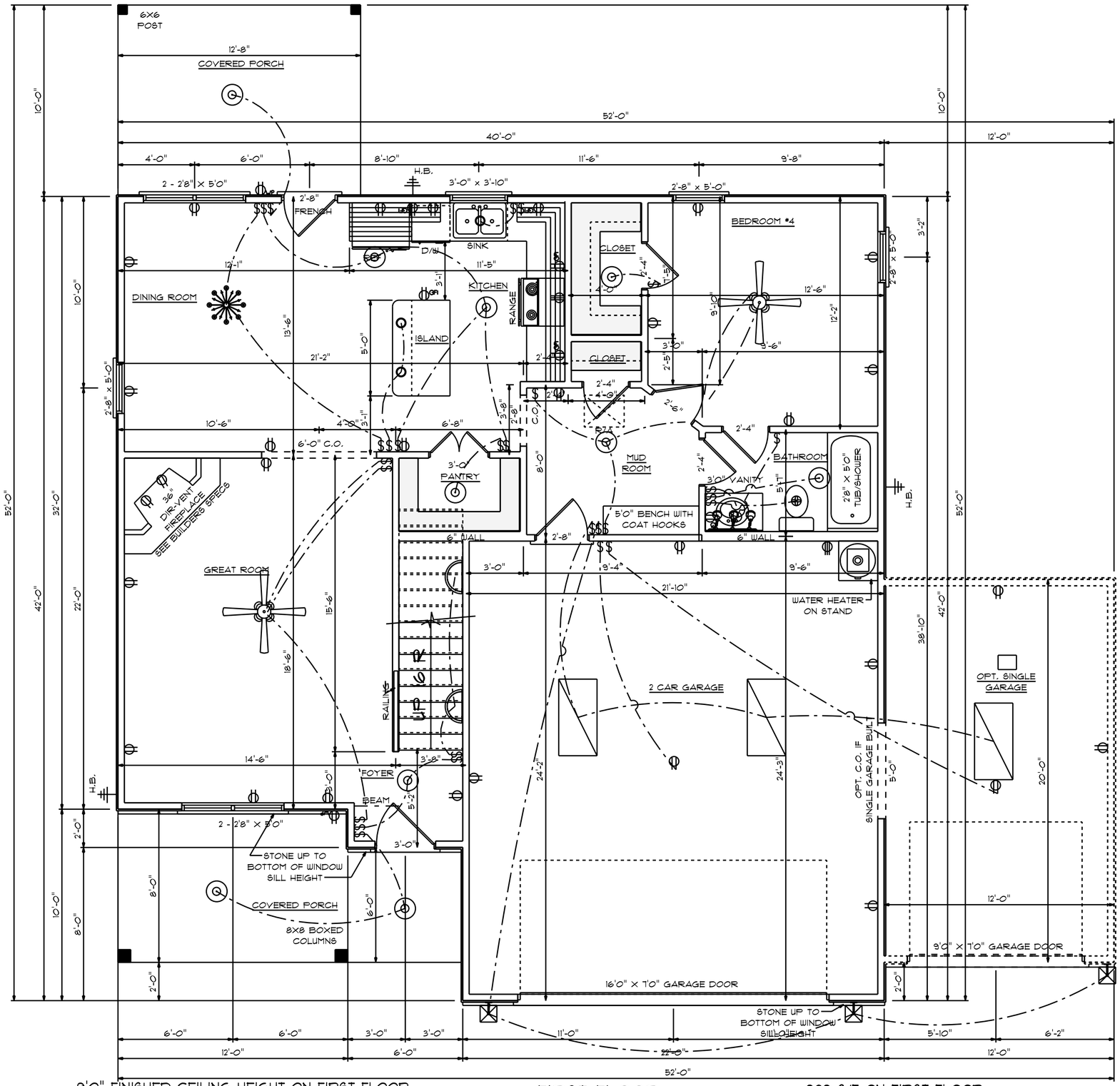
SUBDIVISION:

BUILDER:

BRIDGEPORT DEVELOPMENT

FAYETTEVILLE, NORTH CAROLINA

NOTE:
BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER LOCAL CODE AS IT PERTAINS TO LOCATION OF HOUSE
100, 110, 120, 130, 140, 150, MPH



9'0" FINISHED CEILING HEIGHT ON FIRST FLOOR
7'4" WINDOW HEADER HEIGHT ON FIRST FLOOR
8'0" FINISHED CEILING HEIGHT ON SECOND FLOOR
6'8" WINDOW HEADER HEIGHT ON SECOND FLOOR
CANTILEVER ALL ROOF TRUSSES

FIRST FLOOR

SCALE: 1/4" = 1'0"

989 S/F ON FIRST FLOOR
1297 S/F ON SECOND FLOOR

2286 S/F TOTAL HEATED AREA

523 S/F IN DOUBLE GARAGE
147 S/F ON FRONT PORCH
120 S/F ON REAR PORCH
240 S/F IN OPT. SINGLE GARAGE

ELECTRICAL CONTRACTOR TO CONFIRM LOCATION OF OUTLET AND FIXTURES, SEE HOME OWNER FOR TYPE AND STYLE OF ELECTRICAL FIXTURES

REED #2
B - 2286

NOTES:
1. ALL FINAL MATERIALS ARE TO BE CHOSEN BY HOME OWNER AND / OR BUILDER.
2. FINAL NUMBER OF EXTERIOR STEPS WILL BE DETERMINED ON SITE BY GRADE
3. CONTRACTOR MUST MEET OR EXCEED ALL LOCAL BUILDING CODES.(NC 2018)
4. DESIGNER ASSUMES NO RESPONSIBILITY FOR CHANGES TO DRAWINGS BY OTHERS DURING CONSTRUCTION
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GCP Designs Group LLC
Designs You Can Trust

DATE: 6-4-2021

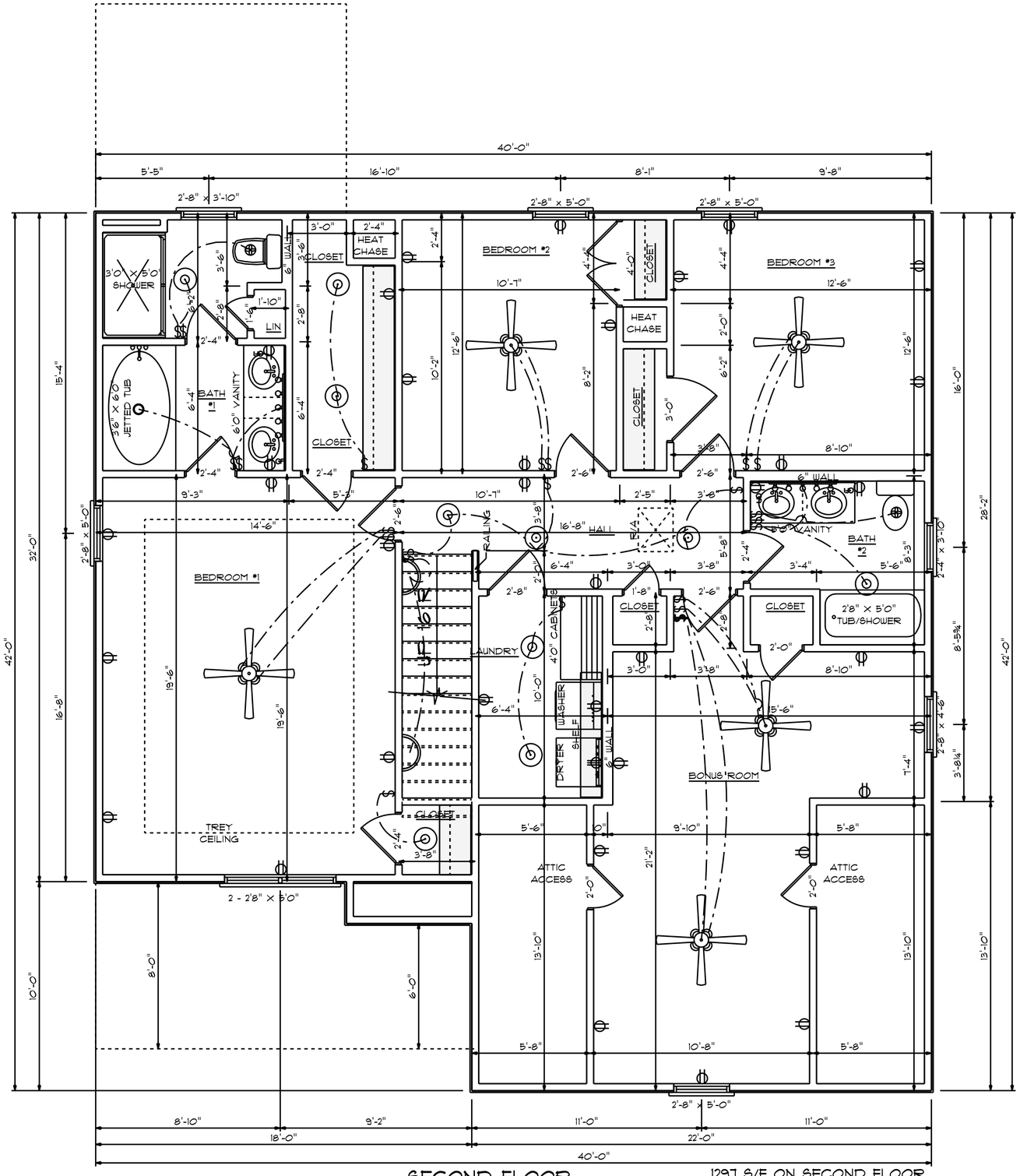
SUBDIVISION:

BUILDER:

BRIDGEPORT DEVELOPMENT

FAYETTEVILLE, NORTH CAROLINA

NOTE:
BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER LOCAL CODE AS IT PERTAINS TO LOCATION OF HOUSE
100, 110, 120, 130, 140, 150, MPH



ELECTRICAL CONTRACTOR TO CONFIRM LOCATION OF OUTLET AND FIXTURES, SEE HOME OWNER FOR TYPE AND STYLE OF ELECTRICAL FIXTURES

SECOND FLOOR

SCALE: 1/4" = 1'0"

1297 S/F ON SECOND FLOOR
DOESN'T INLCUDE STAIRS

REED #2
B - 2286

NOTES:
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2. FINAL NUMBER OF EXTERIOR STEPS WILL BE DETERMINED ON SITE BY GRADE
3. CONTRACTOR MUST MEET OR EXCEED ALL LOCAL BUILDING CODES.(NC 2018)
4. DESIGNER ASSUMES NO RESPONSIBILITY FOR CHANGES TO DRAWINGS BY OTHERS DURING CONSTRUCTION
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GCP Designs Group LLC
Designs You Can Trust

DATE: 6-4-2021

SUBDIVISION:

BUILDER:

BRIDGEPORT DEVELOPMENT

FAYETTEVILLE, NORTH CAROLINA

NOTE:
BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER LOCAL CODE AS IT PERTAINS TO LOCATION OF HOUSE
100, 110, 120, 130, 140, 150, MPH

Level			
Member Name	**Results**	**Current Solution**	**Comments**
BM1	Passed	4 piece(s) 1 3/4" x 18" 2.0E Microllam® LVL	
BM2	Passed	2 piece(s) 1 3/4" x 14" 2.0E Microllam® LVL	
BM3	Passed	2 piece(s) 1 3/4" x 9 1/4" 2.0E Microllam® LVL	
GDH1	Passed	2 piece(s) 1 3/4" x 11 7/8" 2.0E Microllam® LVL	
GDH2	Passed	2 piece(s) 1 3/4" x 11 7/8" 2.0E Microllam® LVL	

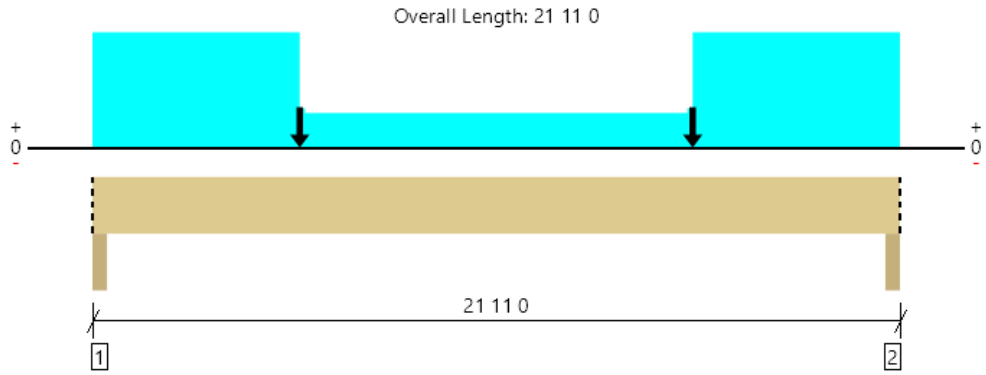
ForteWEB Software Operator	Job Notes
Russell Culbreth Builders FirstSource (910) 485-1111 russell.culbreth@bldr.com	Bridgeport Homes Reed 2 Plan

Weyerhaeuser

3/30/2023 6:52:21 PM UTC
ForteWEB v3.5
File Name: Bridgeport Homes - Reed 2 Plan

Level, BM1

4 piece(s) 1 3/4" x 18" 2.0E Microllam® LVL



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	9299 @ 0 2 0	17763 (3.50")	Passed (52%)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Shear (lbs)	7722 @ 1 9 8	27531	Passed (28%)	1.15	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Moment (Ft-lbs)	40721 @ 10 11 8	89132	Passed (46%)	1.15	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Live Load Defl. (in)	0.264 @ 10 11 8	0.540	Passed (L/982)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Total Load Defl. (in)	0.575 @ 10 11 8	0.719	Passed (L/451)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)

System : Floor
Member Type : Flush Beam
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/360).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- Member should be side-loaded from both sides of the member or braced to prevent rotation.

Supports	Bearing Length			Loads to Supports (lbs)				Accessories
	Total	Available	Required	Dead	Floor Live	Roof Live	Factored	
1 - Column - SPF	3.50"	3.50"	1.83"	5188	2070	3411	9299	Blocking
2 - Column - SPF	3.50"	3.50"	1.83"	5188	2070	3411	9299	Blocking

• Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	16 0 0 o/c	
Bottom Edge (Lu)	21 11 0 o/c	

•Maximum allowable bracing intervals based on applied load.

Multiple Member Connections							
Type	Location	Fastener	Placement	Rows	O.C.	# of Fasteners	Details
Uniform	0 0 0 to 21 11 0	Strong-Drive® SDS Screw SDS25600 (6")	Both Faces	2	24"	--	L17

Vertical Loads	Location (Side)	Tributary Width	Dead (0.90)	Floor Live (1.00)	Roof Live (non-snow: 1.15)	Comments
0 - Self Weight (PLF)	0 0 0 to 21 11 0	N/A	36.8	--	--	
1 - Uniform (PSF)	5 9 4 to 16 1 12 (Front)	1 0 0	15.0	40.0	-	Default Load
2 - Uniform (PLF)	0 0 0 to 5 7 8 (Top)	N/A	318.0	-	318.0	A02
3 - Uniform (PLF)	0 0 0 to 5 9 4 (Top)	N/A	96.0	-	-	WALL
4 - Point (lb)	5 7 8 (Top)	N/A	1674	-	1622	BM3
5 - Point (lb)	16 3 8 (Top)	N/A	1674	-	1622	BM3
6 - Uniform (PLF)	16 1 12 to 21 11 0 (Top)	N/A	96.0	-	-	WALL
7 - Uniform (PLF)	16 3 8 to 21 11 0 (Top)	N/A	318.0	-	318.0	A02
8 - Uniform (PLF)	0 0 0 to 21 11 0 (Back)	N/A	63.0	170.0	-	F02

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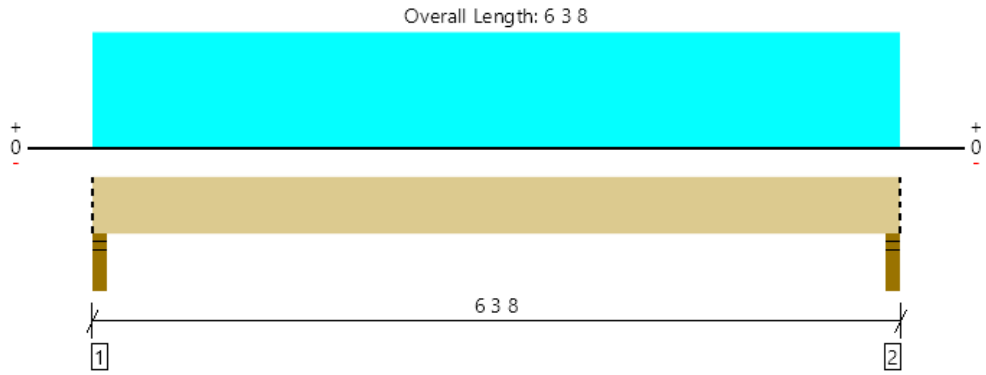
The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

Level, BM2

2 piece(s) 1 3/4" x 14" 2.0E Microllam® LVL



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	2197 @ 0 2 0	5206 (3.50")	Passed (42%)	--	1.0 D + 1.0 L (All Spans)
Shear (lbs)	1178 @ 1 5 8	9310	Passed (13%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	3099 @ 3 1 12	24258	Passed (13%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.009 @ 3 1 12	0.149	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.020 @ 3 1 12	0.199	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)

System : Floor
Member Type : Flush Beam
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/360).
- Allowed moment does not reflect the adjustment for the beam stability factor.

Supports	Bearing Length			Loads to Supports (lbs)				Accessories
	Total	Available	Required	Dead	Floor Live	Roof Live	Factored	
1 - Stud wall - SPF	3.50"	3.50"	1.50"	1206	991	173	2197	Blocking
2 - Stud wall - SPF	3.50"	3.50"	1.50"	1206	991	173	2197	Blocking

• Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	6 4 0 o/c	
Bottom Edge (Lu)	6 4 0 o/c	

•Maximum allowable bracing intervals based on applied load.

Multiple Member Connections

Type	Location	Fastener	Placement	Rows	O.C.	# of Fasteners	Details
Uniform	0 0 0 to 6 3 8	10d Nail (0.128" x 3") [1]	One Face	3	12"	--	L17

Vertical Loads	Location (Side)	Tributary Width	Dead (0.90)	Floor Live (1.00)	Roof Live (non-snow: 1.15)	Comments
0 - Self Weight (PLF)	0 0 0 to 6 3 8	N/A	14.3	--	--	
1 - Uniform (PLF)	0 0 0 to 6 3 8 (Top)	N/A	141.0	-	40.0	GABLE
2 - Uniform (PLF)	0 0 0 to 6 3 8 (Top)	N/A	96.0	-	-	WALL
3 - Uniform (PLF)	0 0 0 to 6 3 8 (Back)	N/A	117.0	315.0	-	F07
4 - Uniform (PLF)	0 0 0 to 6 3 8 (Front)	N/A	15.0	-	15.0	D04

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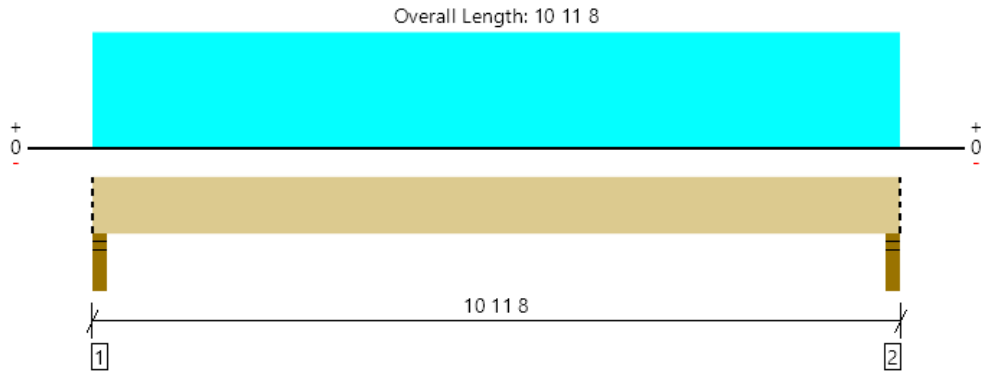
The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

ForteWEB Software Operator	Job Notes
Russell Culbreth Builders FirstSource (910) 485-1111 russell.culbreth@bldr.com	Bridgeport Homes Reed 2 Plan

Level, BM3

2 piece(s) 1 3/4" x 9 1/4" 2.0E Microllam® LVL



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	3295 @ 0 2 0	5206 (3.50")	Passed (63%)	--	1.0 D + 1.0 Lr (All Spans)
Shear (lbs)	2656 @ 1 0 12	7074	Passed (38%)	1.15	1.0 D + 1.0 Lr (All Spans)
Moment (Ft-lbs)	8487 @ 5 5 12	12884	Passed (66%)	1.15	1.0 D + 1.0 Lr (All Spans)
Live Load Defl. (in)	0.199 @ 5 5 12	0.354	Passed (L/642)	--	1.0 D + 1.0 Lr (All Spans)
Total Load Defl. (in)	0.404 @ 5 5 12	0.531	Passed (L/316)	--	1.0 D + 1.0 Lr (All Spans)

System : Roof
Member Type : Flush Beam
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD
Member Pitch : 0/12

- Deflection criteria: LL (L/360) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Roof Live	Factored	
1 - Stud wall - SPF	3.50"	3.50"	2.22"	1674	1622	3295	Blocking
2 - Stud wall - SPF	3.50"	3.50"	2.22"	1674	1622	3295	Blocking

• Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	11 0 0 o/c	
Bottom Edge (Lu)	11 0 0 o/c	

•Maximum allowable bracing intervals based on applied load.

Multiple Member Connections

Type	Location	Fastener	Placement	Rows	O.C.	# of Fasteners	Details
Uniform	0 0 0 to 10 11 8	10d Nail (0.128" x 3") [1]	One Face	3	12"	--	L17

Vertical Loads	Location (Side)	Tributary Width	Dead (0.90)	Roof Live (non-snow: 1.15)	Comments
0 - Self Weight (PLF)	0 0 0 to 10 11 8	N/A	9.4	--	
1 - Uniform (PLF)	0 0 0 to 10 11 8 (Back)	N/A	296.0	296.0	A03

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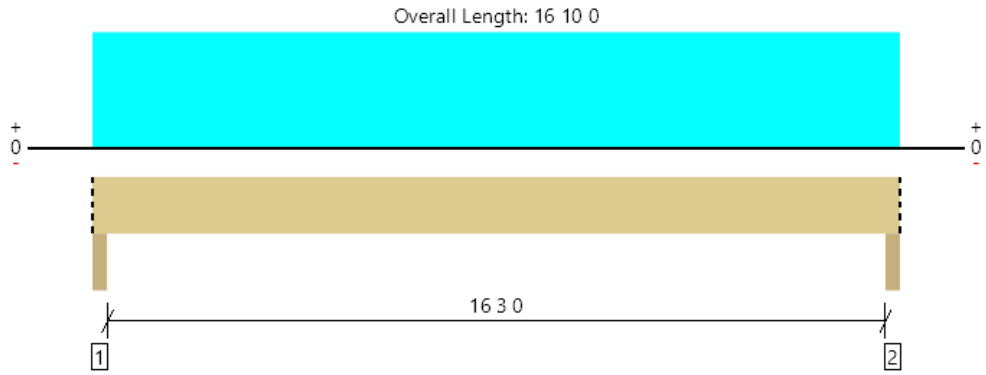
Level, GDH1

2 piece(s) 1 3/4" x 11 7/8" 2.0E Microllam® LVL



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	2299 @ 0 2 0	8881 (3.50")	Passed (26%)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Shear (lbs)	1806 @ 1 3 6	7897	Passed (23%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	8614 @ 8 5 0	17848	Passed (48%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.108 @ 8 5 0	0.412	Passed (L/999+)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Total Load Defl. (in)	0.492 @ 8 5 0	0.550	Passed (L/402)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)

System : Floor
Member Type : Drop Beam
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/360).
- Allowed moment does not reflect the adjustment for the beam stability factor.

Supports	Bearing Length			Loads to Supports (lbs)				Accessories
	Total	Available	Required	Dead	Floor Live	Roof Live	Factored	
1 - Column - SPF	3.50"	3.50"	1.50"	1794	337	337	2299	Blocking
2 - Column - SPF	3.50"	3.50"	1.50"	1794	337	337	2299	Blocking

• Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	16 0 0 o/c	
Bottom Edge (Lu)	16 10 0 o/c	

•Maximum allowable bracing intervals based on applied load.

Vertical Loads	Location (Side)	Tributary Width	Dead (0.90)	Floor Live (1.00)	Roof Live (non-snow: 1.15)	Comments
0 - Self Weight (PLF)	0 0 0 to 16 10 0	N/A	12.1	--	--	
1 - Uniform (PSF)	0 0 0 to 16 10 0 (Front)	1 0 0	15.0	40.0	-	Default Load
2 - Uniform (PLF)	0 0 0 to 16 10 0 (Top)	N/A	186.0	-	40.0	GABLE

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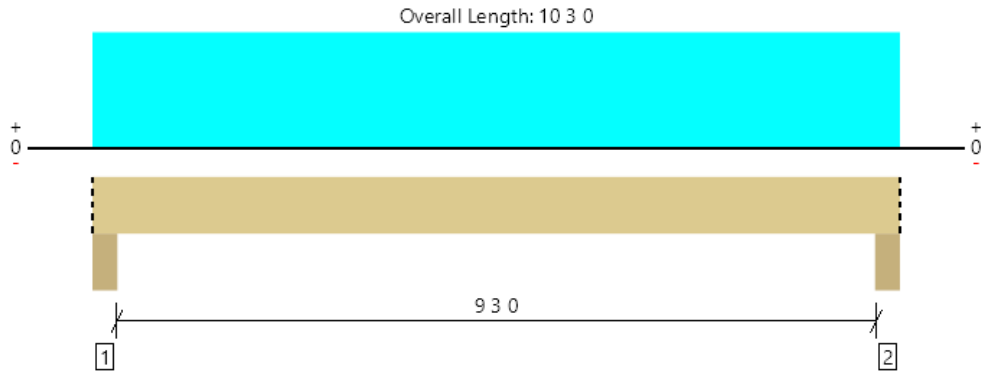
The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

Level, GDH2

2 piece(s) 1 3/4" x 11 7/8" 2.0E Microllam® LVL



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	2245 @ 0 4 8	15225 (6.00")	Passed (15%)	--	1.0 D + 1.0 Lr (All Spans)
Shear (lbs)	1593 @ 1 5 14	9081	Passed (18%)	1.15	1.0 D + 1.0 Lr (All Spans)
Moment (Ft-lbs)	4943 @ 5 1 8	20525	Passed (24%)	1.15	1.0 D + 1.0 Lr (All Spans)
Live Load Defl. (in)	0.047 @ 5 1 8	0.317	Passed (L/999+)	--	1.0 D + 1.0 Lr (All Spans)
Total Load Defl. (in)	0.096 @ 5 1 8	0.475	Passed (L/999+)	--	1.0 D + 1.0 Lr (All Spans)

System : Roof
Member Type : Drop Beam
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD
Member Pitch : 0/12

- Deflection criteria: LL (L/360) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Roof Live	Factored	
1 - Column - SPF	6.00"	6.00"	1.50"	1154	1092	2245	Blocking
2 - Column - SPF	6.00"	6.00"	1.50"	1154	1092	2245	Blocking

• Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	10 3 0 o/c	
Bottom Edge (Lu)	10 3 0 o/c	

•Maximum allowable bracing intervals based on applied load.

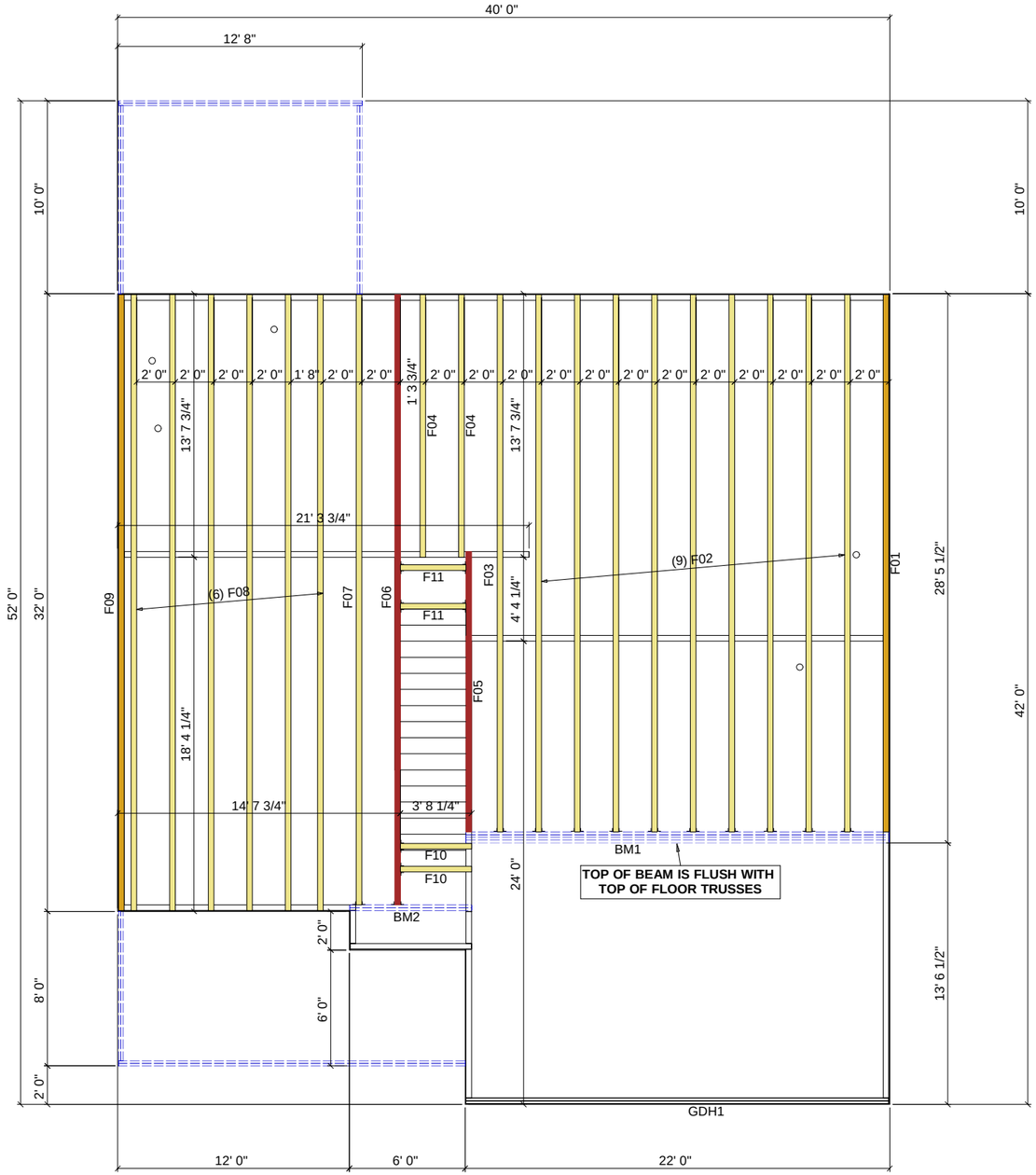
Vertical Loads	Location (Side)	Tributary Width	Dead (0.90)	Roof Live (non-snow: 1.15)	Comments
0 - Self Weight (PLF)	0 0 0 to 10 3 0	N/A	12.1	--	
1 - Uniform (PLF)	0 0 0 to 10 3 0 (Top)	N/A	213.0	213.0	G02

Weyerhaeuser Notes

Weyerhaeuser warrants that the sizing of its products will be in accordance with Weyerhaeuser product design criteria and published design values. Weyerhaeuser expressly disclaims any other warranties related to the software. Use of this software is not intended to circumvent the need for a design professional as determined by the authority having jurisdiction. The designer of record, builder or framer is responsible to assure that this calculation is compatible with the overall project. Accessories (Rim Board, Blocking Panels and Squash Blocks) are not designed by this software. Products manufactured at Weyerhaeuser facilities are third-party certified to sustainable forestry standards. Weyerhaeuser Engineered Lumber Products have been evaluated by ICC-ES under evaluation reports ESR-1153 and ESR-1387 and/or tested in accordance with applicable ASTM standards. For current code evaluation reports, Weyerhaeuser product literature and installation details refer to www.weyerhaeuser.com/woodproducts/document-library.

The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

ForteWEB Software Operator	Job Notes
Russell Culbreth Builders FirstSource (910) 485-1111 russell.culbreth@bldr.com	Bridgeport Homes Reed 2 Plan



Products				
PlotID	Length	Product	Plies	Net Qty
BM1	22' 0"	1-3/4" x 18" LVL	4	4
BM2	8' 0"	1-3/4" x 14" LVL	2	2
GDH1	22' 0"	1-3/4" x 11-7/8" LVL	2	2

Truss Connector List			
Supporting Mtl	Qty	Product	Supported Mtl
BM1,BM2	12	LUS410	F02,F03,F06,F07
F05,F06	6	THA422	F10,F11

Truss Connector Total List		
Manuf	Product	Qty
	LUS410	12
	THA422	6

FLOOR TRUSS NOTES:

DO NOT CUT, DRILL, NOTCH, OR OTHERWISE DAMAGE TRUSSES. Contact your BFS Representative for assistance PRIOR TO modifying any truss. **Espanol -** *(NO CORTE, PERFORE, HAGA MUESCAS O DANE DE CUALQUIER OTRA MANERA LAS TRUSSES (CERCHAS DE MADERA). Contacte a su representante de BFS para asistencia ANTES de realizar cualquier modification.)*

1. This Truss Placement Diagram is intended to serve as a guide for truss installation. This Diagram has been prepared by a Truss Technician and is not an engineered drawing.
2. The responsibilities of the Owner, Building Designer, Contractor, Truss Designer, and Truss Manufacturer shall be as defined by the TPI 1 National Standard.
3. The wood components shown on this diagram are to be used in dry service (moisture content<19%) and non-toxic environmental applications. The metal plates and hangers are galvanized to the G60 Standard unless noted otherwise.
4. Refer to the Truss Design Drawings for specific information about each individual truss design.
5. The Truss Technician shall provide Truss-to-Truss Connection Requirements. Any special or other connection shall be the responsibility of the Building Designer.
6. The Truss Placement Diagram and Truss Design Drawings are the property of Builders FirstSource and may not be reused or reproduced in part or in total under any circumstances without prior written authorization.
7. Floor Trusses have been spaced as specified in the plans or as directed by the contractor / customer. BFS recommends that the contractor / customer consider economics, floor performance, floor coverings, and accessibility when selecting the floor truss spacing.
8. Inflexible floor coverings, such as ceramic tile, require careful consideration and planning by the contractor. The contractor shall select and use an approved floor covering assembly for the chosen floor covering and floor truss spacing used in the project. Ceramic tile assemblies are shown in the TCNA Handbook for Ceramic, Glass, and Stone Installation. Builders FirstSource is not responsible for floor covering related issues.
9. The builder / owner is to inform Builders FirstSource of any additional loads placed on floor trusses, such as loads from structural members, heavy granite island countertops, fireplace surrounds, etc. If we do not note these additional loads on the placement diagram or truss design drawings, then they have not been added.
10. This Placement Diagram may show approximate plumbing drop locations with a corresponding truss layout. With or without this information, the contractor shall insure that the installer verifies all plumbing locations and installs trusses to avoid interference. Consider all plumbing such as toilets, tub drain and overflow, showers, etc. The contractor shall also plan for other potential utility conflicts.
11. Floor truss spacing may be altered to avoid plumbing interference. Avoid overloading single trusses due to truss spacing shifts. Do not exceed allowable span rating of the subfloor sheathing used.
12. Floor trusses shall be fully sheathed on the top chord. The builder shall select structural sheathing that meets the truss spacing requirement as well as the desired long term performance characteristics for the specific assembly.
13. Strongbacks are either recommended or required as Shown on the Truss Design Drawings. BFS recommends installing strongbacks for all floor trusses to improve floor performance and allow load sharing between trusses.
14. This Placement Diagram is based upon the supporting structure being structurally adequate, dimensionally correct, square, plumb, and level to adequately support the trusses. The foundation design, structural member sizing, load transfer, bearing conditions, and the structure's compliance with the applicable building code are the responsibility of the Owner, Building Designer, and Contractor.

WARNING:

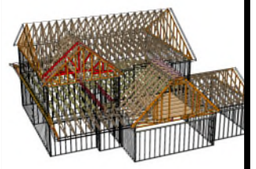
TRUSSES MUST BE BRACED DURING INSTALLATION. FAILURE TO DO SO MAY RESULT IN INJURY OR DEATH. **Espanol** - *(TRUSSES (CERCHAS) DEBERAN TENER UN SOPORTE DURANTE LA INSTALACION. NO HACERLO PODRIA RESULTAR EN LESIONES O MUERTE.)*

1. Trusses shall be installed in a safe manner meeting all code, local, OSHA, TPI, and BCSI Specifications. Failure to follow these specifications may result in injury or death.
2. Floor trusses shall be temporarily restrained during installation. DO NOT WALK ON UNRESTRAINED FLOOR TRUSSES. Unrestrained floor trusses may suddenly collapse or roll over and may cause injury or death.

3. BCSI INSTRUCTIONS SHALL BE FOLLOWED:
BCSI-B7 = Floor Truss Installation

Bridgeport Development
Reed 2 Plan
Lot 1 Cameron Hill Rd.
Moore Co., NC

Scale	Date	Drawn By	Job No.
NTS	4/23/2025	RC	4612140



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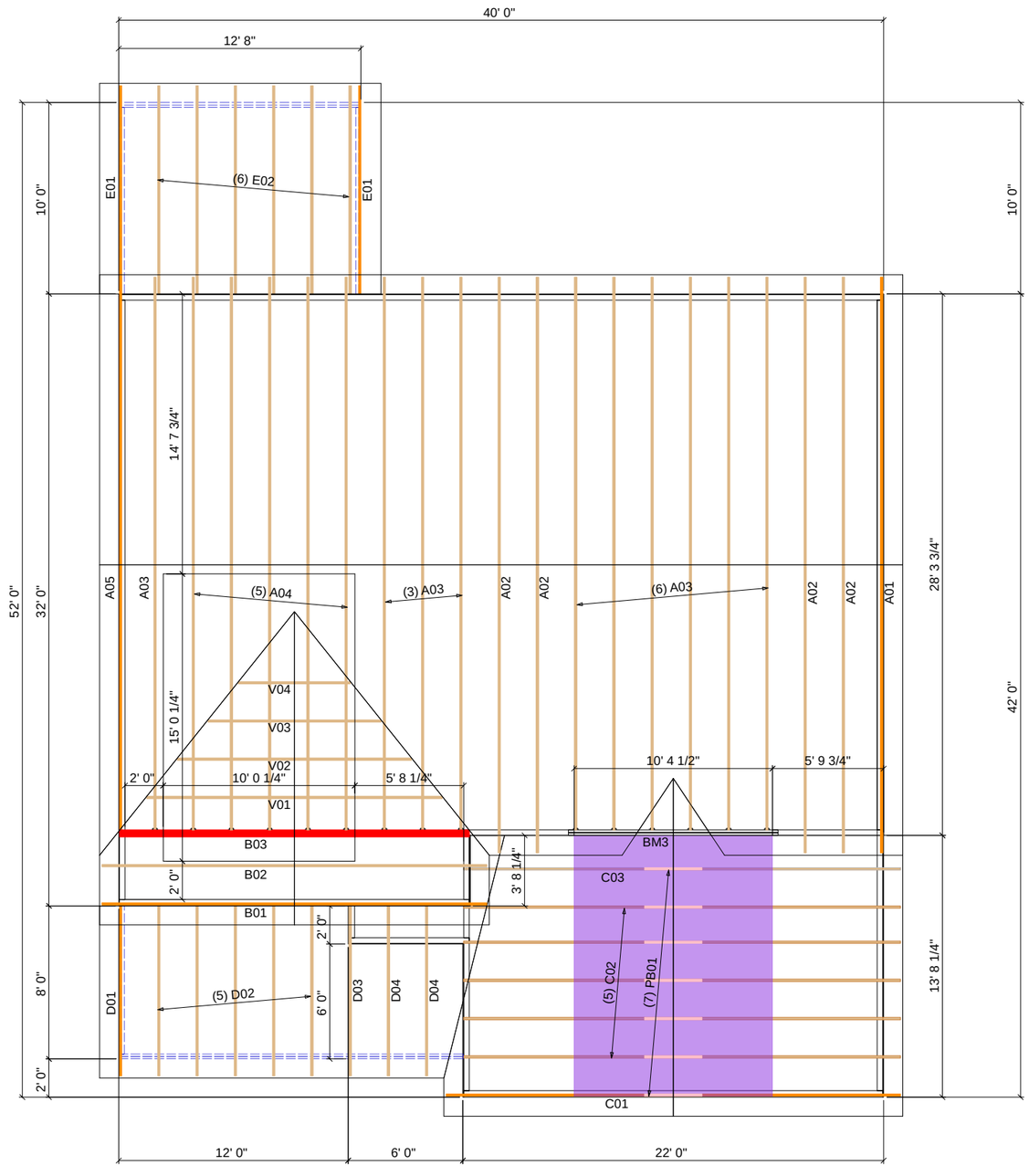


Products				
PlotID	Length	Product	Plies	Net Qty
BM3	12' 0"	1-3/4" x 9-1/4" LVL	2	2

Truss Connector List			
Supporting Mtl	Qty	Product	Supported Mtl
B03,BM2	15	HTU26	A03,A04

Truss Connector Total List		
Manuf	Product	Qty
	HTU26	15

ROOF TRUSS NOTES:

DO NOT CUT, DRILL, NOTCH, OR OTHERWISE DAMAGE TRUSSES. Contact your BFS Representative for assistance PRIOR TO modifying any truss. **Espanol -** *(NO CORTE, PERFORE, HAGA MUESCAS O DANE DE CUALQUIER OTRA MANERA LAS TRUSSES (CERCHAS DE MADERA). Contacte a su representante de BFS para asistencia ANTES de realizar cualquier modification.)*

1. This Truss Placement Diagram is intended to serve as a guide for truss installation. This Diagram has been prepared by a Truss Technician and is not an engineered drawing.
2. The responsibilities of the Owner, Building Designer, Contractor, Truss Designer, and Truss Manufacturer shall be as defined by the TPI 1 National Standard.
3. The wood components shown on this diagram are to be used in dry service (moisture content<19%) and non-toxic environmental applications. The metal plates and hangers are galvanized to the G60 Standard unless noted otherwise.4. Refer to the Truss Design Drawings for specific information about each individual truss design.5. The Truss Technician shall provide Truss-to -Truss Connection Requirements. Any special or other connection shall be the responsibility of the Building Designer.
6. The Truss Placement Diagram and Truss Design Drawings are the property of Builders FirstSource and may not be reused or reproduced in part or in total under any circumstances without prior written authorization.
7. In some cases, field framing may be required to achieve the final appearance shown on the Construction Documents.
8. Field framing, including valley rafters, installed over roof trusses shall have a knee brace from the rafter to the truss top chord at intervals of 48" on center (O.C.) or less. Stagger knee braces from adjacent rafters such that the loadis distributed uniformly over multiple truss locations and not concentrated at one location or along one truss.
9. Truss Top Chords shall be fully sheathed or have lateral bracing (purlins) spaced at 24" O.C. or less. Truss Bottom Chord Bracing shall not exceed the maximum shown on the Truss Design Drawing. Field framed bottom chord floor or ceiling attachments shall be spaced at 24" O.C. or less. Proper Bracing prevents buckling of individual truss members due to design loads.
10. This Placement Diagram is based upon the supporting structure being structurally adequate, dimensionally correct, square, plumb, and level to adequately support the trusses. The foundation design, structural member sizing, load transfer, bearing conditions, and the structure's compliance with the applicable building code are the responsibility of the Owner, Building Designer, and Contractor.
11. If Piggyback Trusses are included in this project, refer to the Mitek Piggyback Connection Detail applicable for the project details and wind load category.
12. The Contractor shall follow the SBCA TTB Partition Separation Prevention and Solutions for truss attachment to non-load bearing walls and carefully complete these details to avoid gypsum wall board related issues.

WARNING:

TRUSSES MUST BE BRACED DURING INSTALLATION. FAILURE TO DO SO MAY RESULT IN INJURY OR DEATH. **Espanol** - *(TRUSSES (CERCHAS) DEBERAN TENER UN SOPORTE DURANTE LA INSTALACION. NO HACERLO PODRIA RESULTAR EN LESIONES O MUERTE.)*

1. Trusses shall be installed in a safe manner meeting all code, local, OSHA, TPI, and BCSI Specifications. failure to follow these specifications may result in injury or death.
2. Buildings under construction are vulnerable to high winds and present a possible safety hazard. The Contractor is responsible for recognizing adverse weather conditions and shall take appropriate action to prevent injury or death.

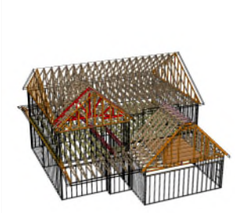
3. BCSI INSTRUCTIONS SHALL BE FOLLOWED:

BCSI-B1 = Safe Truss Handling and Installation
BCSI-B2 = Installation and Temporary Restraint
BCSI-B3 = Permanent Restraint
BCSI-B4 = Safe Construction Loading
BCSI-B5 = Truss Damage and Modification Guidelines
BCSI-B7 = Floor Truss Installation
BCSI-B8 = Toe-Nailed Connections
BCSI-B9 = Multi-Ply Girders
BCSI-B10 = Post Frame Truss Installation
BCSI-B11 = Fall Protection

4. Follow TPI Requirements for Long Span Trusses (>60').

Bridgeport Development
Reed 2 Plan
Lot 1 Cameron Hill Rd.
Moore Co., NC

Scale	Date	Drawn By	Job No.
NTS	4/23/2025	RC	4513001



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