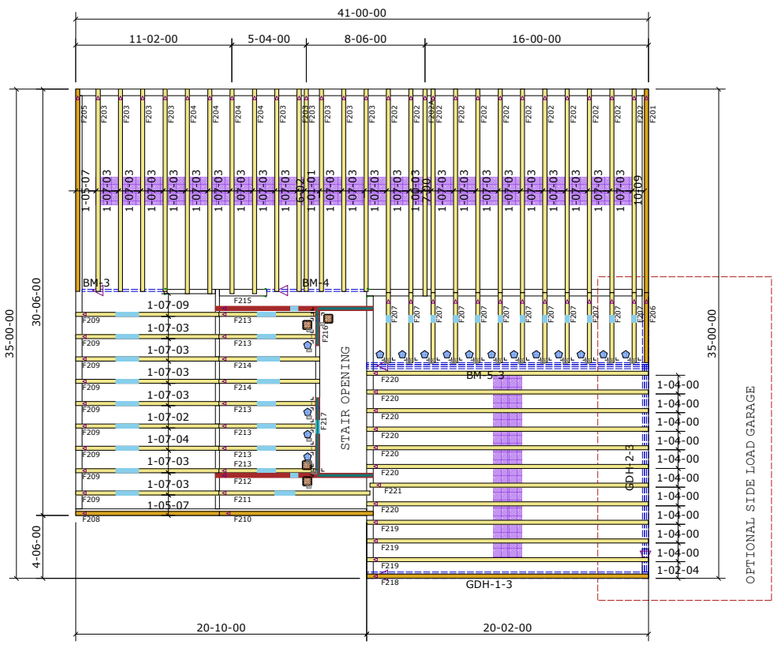
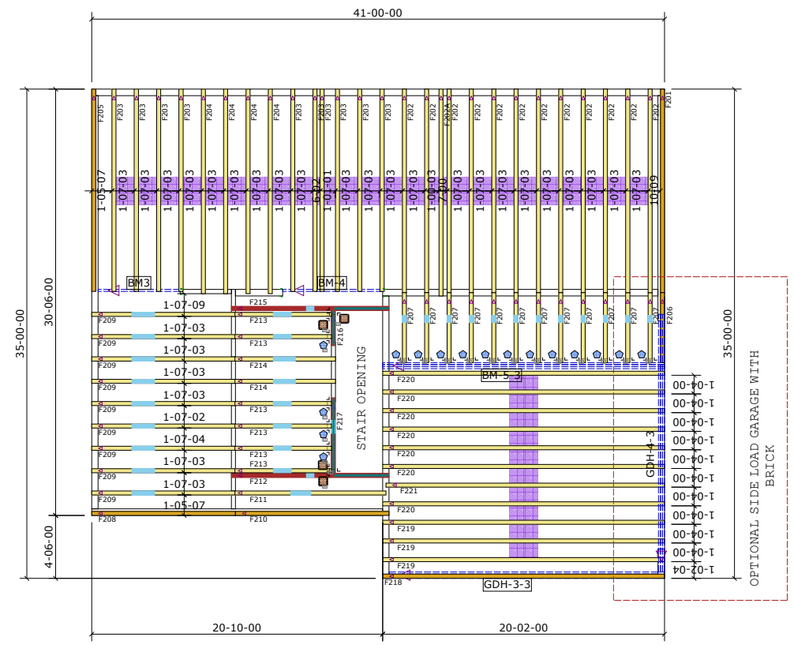
TOPSAIL
FLOOR TRUSS LAYOUT



TOPSAIL



TOPSAIL W/BRICK

SIMPSON Strong-Tie	TRUSS CONNECTIONS	
16	THA422	
4	THAC422	

Products

PlotID	Length	Product	Plies	Net Qty	Fab Type
GDH-2-3	19-00-00	1-3/4" x 18" VERSA-LAM® 2.0 3100 SP	3	3	FF
GDH-4-3	19-00-00	1-3/4" x 24" VERSA-LAM® 2.0 3100 SP	3	3	FF
GDH-1-3	21-00-00	1 3/4" x 11 7/8" (2.0E 3100) LVL	3	3	FF
BM-4	8-00-00	1 3/4" x 14" (2.0E 3100) LVL	1	2	FF
BM3	6-00-00	1 3/4" x 14" (2.0E 3100) LVL	1	1	FF
BM-3	6-00-00	1 3/4" x 14" (2.0E 3100) LVL	1	1	FF
BM-5-3	21-00-00	1 3/4" x 18" (2.0E 3100) LVL	3	6	FF
GDH-3-3	20-00-00	1 3/4" x 18" (2.0E 3100) LVL	3	3	FF

SIMPSON Strong-Tie	TRUSS CONNECTIONS	
16	THA422	
4	THAC422	

NOTE: GENERAL CONTRACTOR TO FIELD FRAME ALL TRANSITION AREAS

BEAMS ARE NOT PROVIDED

GENERAL NOTES

1. This placement plan has been prepared by a truss technician and is not an engineered drawing.

2. The responsibilities and duties of the truss designer and truss manufacture shall be according to TPI 1 as referenced by the building code unless otherwise defined by contract as agreed upon by the parties involved.

3. The wood components on this drawing are assumed to be used in a dry service , when moisture content <19%, and non toxic environmental applications unless noted otherwise. The metal plates and hangers are galvanized to meet or exceed G60.

4. Specific truss information can be located on the truss design drawing.

5. Locate all plumbing, HVAC, and floor-roof-ceiling openings prior to placing trusses. Trusses may be shifted a maximum of 3" for plumbing drops. DO NOT CUT, DRILL, OR NOTCH TRUSSES.

6. The building designer shall specify connections between two or more members when one or more of the members are not designed by the truss designer.

7. This truss placement plan and design drawings are the property of Builders FirstSource and may not be reproduced in part or in total under any circumstances unless written authorization is received from Builders FirstSource.

8. Some field framing may be required to achieve final appearance shown on construction documents.

9. Field framing, including valley rafters, installed over trusses shall have a knee brace from the rafter to the truss top chord at intervals of 48" on center or less. Stagger knee braces from adjacent rafters such that the load is distributed over multiple truss locations and not concentrated at one location or along one truss. Truss top chords shall be sheathed or have lateral bracing (purlins) spaced at intervals of 24" on center or less. Field framed supports or connections to to bottom chords must be done at intervals of 48" on center or less. Bottom chord bracing shall not exceed the maximum shown on the truss design drawing.

10. This placement diagram is prepared assuming the support structure is structurally adequate for the building components provided. This includes, but is not limited to foundation design, structural member sizing, load transfer, bearing conditions, and thestructures compliance to applicable building codes. Refer to TPI 1 as referenced by the building code for Building Designer responsibilities.

11. If piggyback trusses are included in this job, please refer to the Mitek piggyback connection detail provided in the truss info package, recieved upon truss delivery.

WARNING

Until the building is completely erected in accordance with the construction documents, the trusses are unstable and may present a safety hazard. Truss instability may increase with building width, height and length.

Buildings under construction are vulnerable to high winds and present a safety hazard. It is the responsibility of the contractor and truss installation crew to recognize adverse weather conditions and take prompt and appropriate action to protect life.

Refer to the Building Component Safety Information (BCSI) document produced by WTCA and TPI.

IMPORTANT

This diagram and any other truss placement or dimension diagrams provided by Builders FirstSource are for the sole purpose of aiding the builder in the erection of trusses supplied by Builders FirstSource and are not meant to replace the architecturals in any way. Refer to architecturals for ANY dimensions or details.

REVISIONS	
1	X
2	X
3	X
4	X

H & H
TOPSAIL

SUMTER TRUSS PLANT
P.O. BOX 1546
SUMTER, SC 29151
PHONE: (803) 778-1921
FAX: (803) 773-4731

BMC Builders FirstSource
Combining to serve you better

DRAWN BY
MIAM
DATE
9/3/2021
JOB NUMBER

SHEET NUMBER
1 OF 1