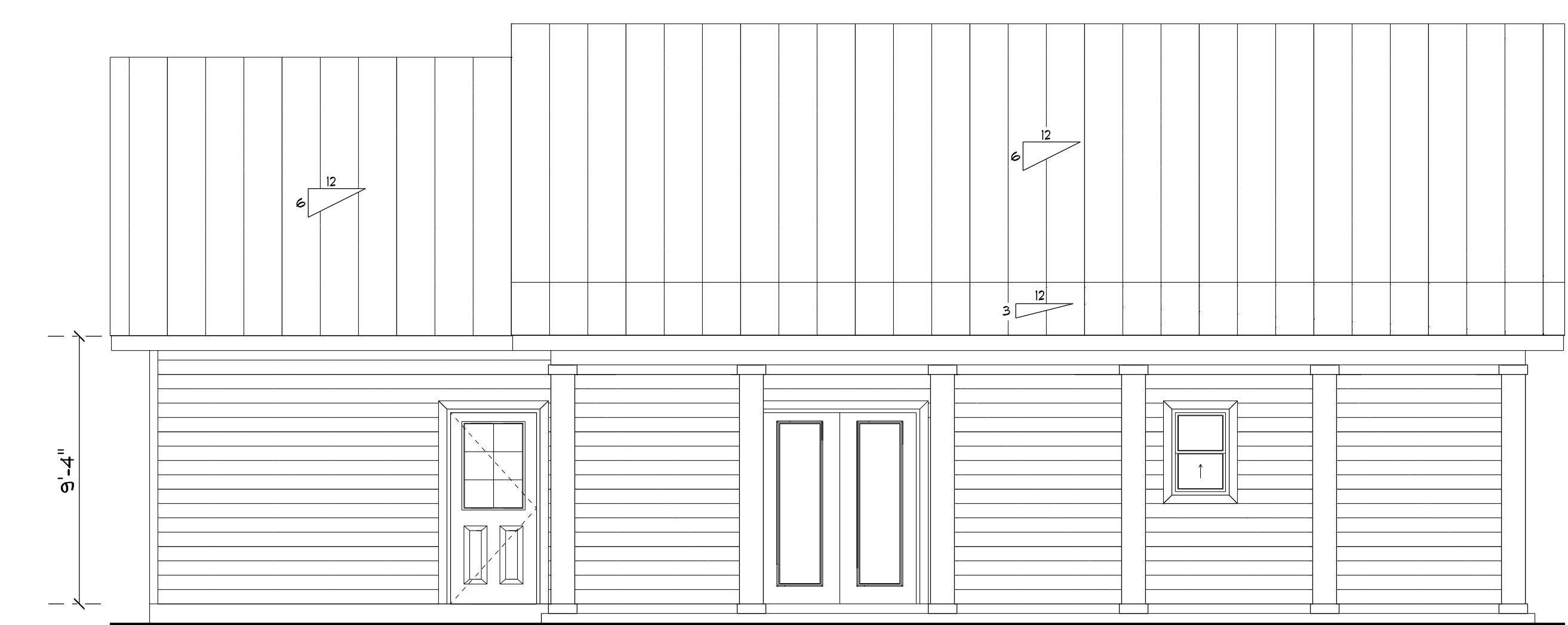
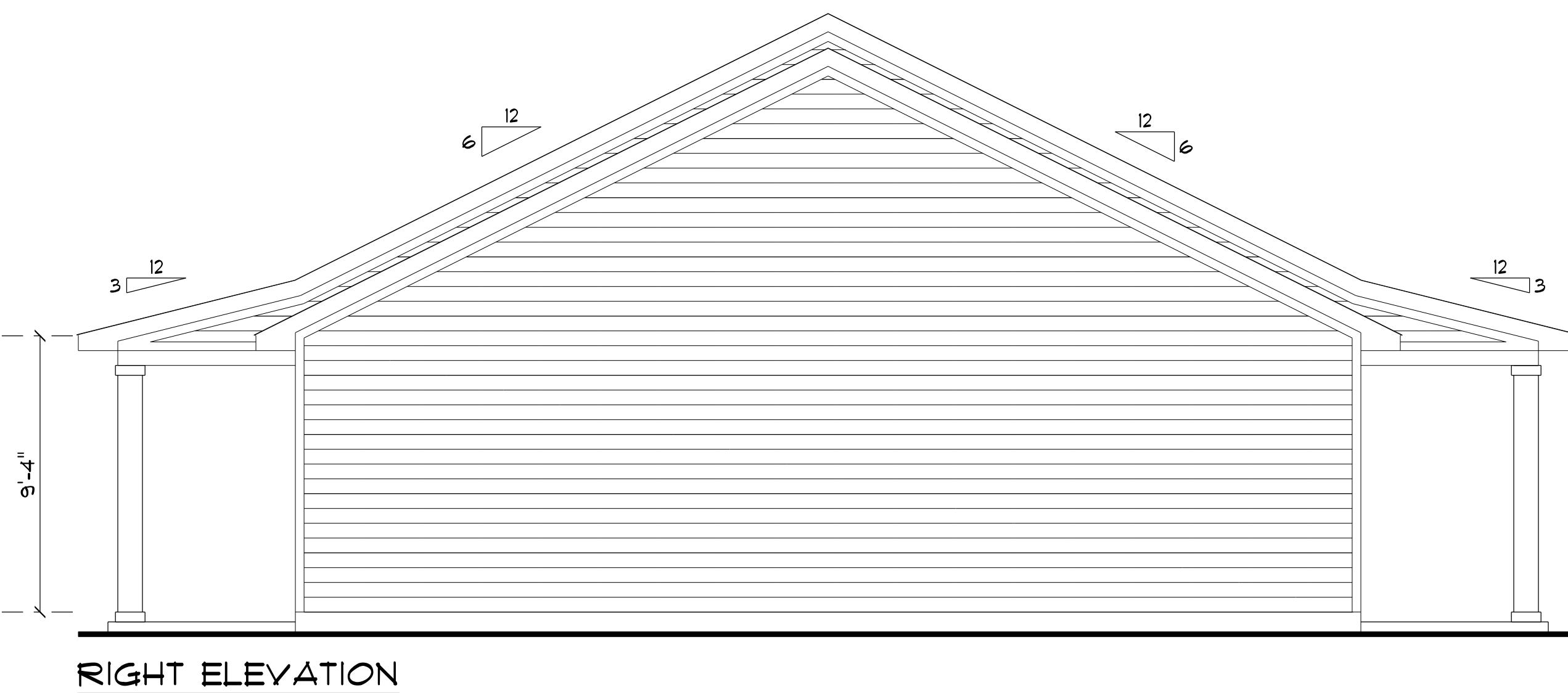
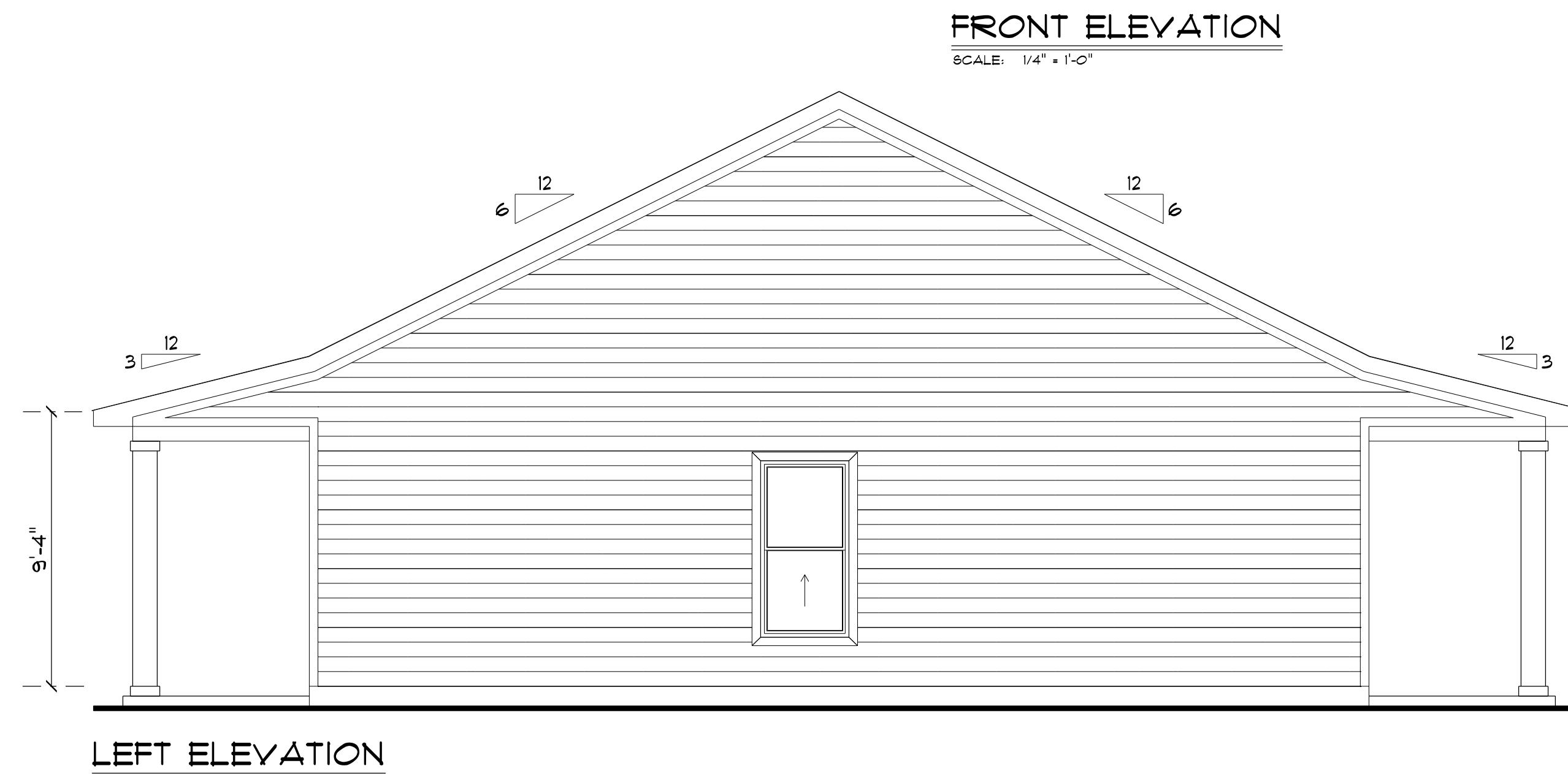


Review for Code Compliance
Universal Engineering Science

Lawrence Pernell
Examiner-License No.

PX2707

10/20/2025



REAR ELEVATION
SCALE: 1/4" = 1'-0"

Howe Res.

Corey Amira Custom Homes

PROJECT ADDRESS:
308 SE Diamondback Gln. High Springs, FL

DISC. ECR

This item has been digitally signed and sealed by
Mark Disosway PE on digital signature date:
Printed copies of this document are not considered
signed and sealed and the signature must be
verified on any electronic copies.

DIMENSIONS:
Stated dimensions supersede scaled
dimensions. Refer all questions to
Mark Disosway PE on digital signature date.
Do not proceed without clarification.

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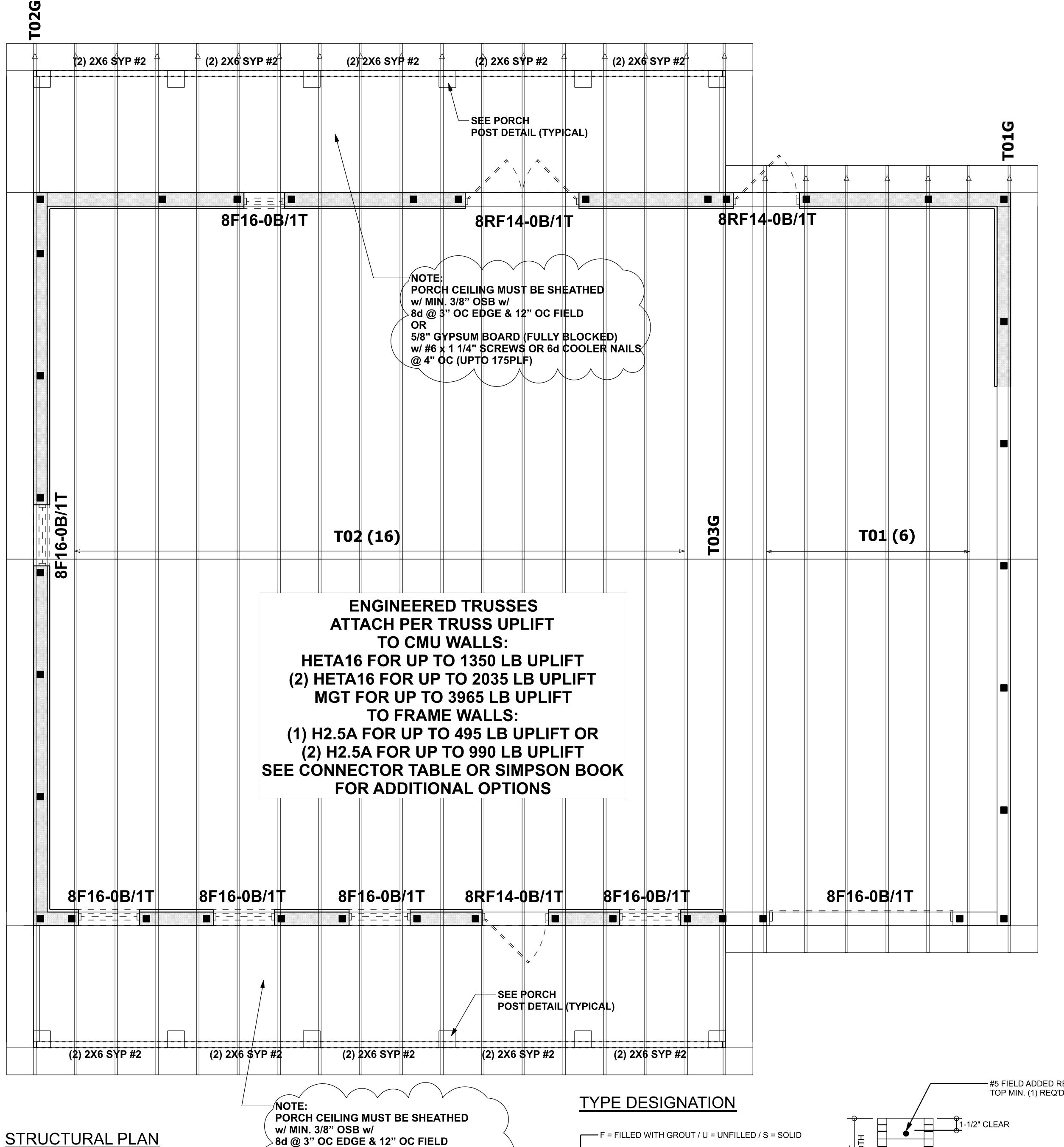
CERTIFICATION: I hereby certify that I have
examined this plan, and that the applicable
parts of the same are in accordance with engineering
comply with the 8th Edition Florida
Building Code Residential (2023)
to the best of my knowledge.

LIMITATION: This design is valid for one
building, at specified location.

Mark Disosway P.E.
163 SW Midtown Place
Suite 103
Lake City, Florida 32025
386.754.5419
disoswaydesign@gmail.com

JOB NUMBER:
250587

1
OF 5 SHEETS



STRUCTURAL PLAN

SCALE: 1/4" = 1'-0"

STRUCTURAL PLAN NOTES

SN-1 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS

PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS.

LATERAL BRACING IS TO BE RESTRAINED PER BCSI-03, BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

UNLESS NOTED OTHERWISE ON STRUCTURAL PLANS

1. USE HETA16 CMU TO TRUSS

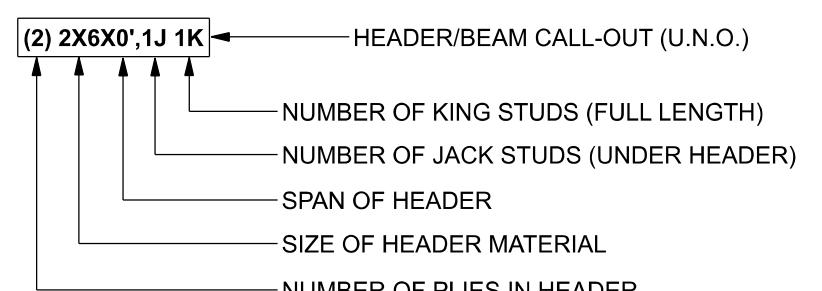
2. USE H2.5A FRAME TO TRUSS

3. ALL LENTELS TO BE: 8F16-0B/1T

4. ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X6 SP #2

5. ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE

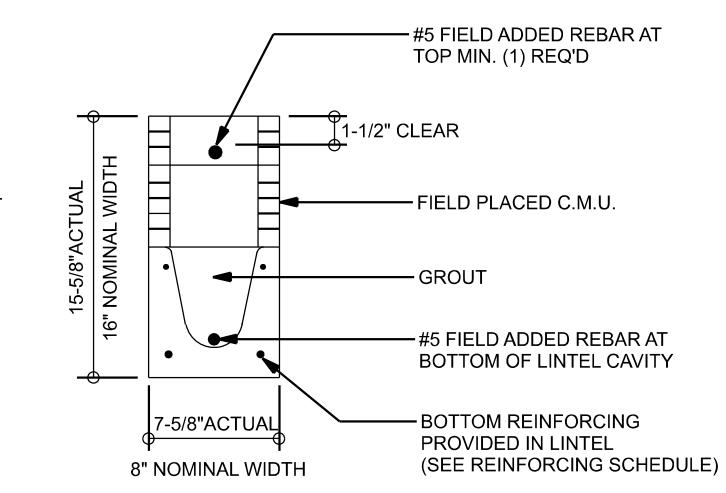
FRAME HEADER LEGEND



STRUCTURAL PLAN NOTES
SCALE: 1/4" = 1'-0"

NOTE: PORCH CEILING MUST BE SHEATHED w/ MIN. 3/8" OSB w/ 8d @ 3" OC EDGE & 12" OC FIELD OR 5/8" GYPSUM BOARD (FULLY BLOCKED) w/ #6 x 1 1/4" SCREWS OR 6d COOLER NAILS @ 4" OC (UPTO 175PLF)

TYPE DESIGNATION
8F16-1B/1T



SAFE LOAD TABLE NOTES

1. All values based on minimum 4 inch nominal bearing. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 6 1/2 inches. 2. N.R. = Not Rated. 3. Safe loads are superimposed allowable loads. 4. Loads based on grade 40 or grade 60 field rebar. 5. One #7 rebar may be substituted for two #5 rebars in 8" lintels only. 6. The designer may evaluate concentrated loads from the safe load tables by calculating the maximum resisting moment and shear at a 4-way from face of support. 7. For composite lintel heights not shown, use the load from the next higher height shown. 8. For lintel lengths not shown, use safe load from next longest length shown. 9. All safe loads in units of pounds per linear foot. 10. All safe loads based on simply supported spans. 11. The number in the parenthesis indicates the percent reduction for grade 40 field added rebar. Example 7"-6" lintel type 8F32-1B safe gravity load = 6472(0.0469)(15)(0.0781); w/ 15% reduction 6472 x (0.85) = 5501 plf

SAFE GRAVITY LOADS FOR 8" PRECAST & PRESTRESSED U-LINTELS

LENGTH	TYPE	8U8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B	8RF30-0B
2'-0" (34") PRECAST	2231	3069	4605	6113	7547	8974	10398	11809	1749	3355
3'-6" (42") PRECAST	2231	3069	4605	6113	7547	8974	10398	11809	1749	3355
4'-0" (48") PRECAST	1966	2505	2751	3620	4605	5604	6707	7809	1056	1700
4'-6" (54") PRECAST	1599	2085	2113	2547	3054	3974	4634	5301	6593	1105
5'-0" (60") PRECAST	1217	1663	2090	2574	3054	3974	4634	5301	6593	1105
5'-6" (66") PRECAST	866	1167	2481	4597	6389	8090	9717	11391	1324	1700
5'-10" (70") PRECAST	810	1113	2342	4240	6039	7742	9448	11139	1290	1680
6'-0" (78") PRECAST	743	1011	1729	2632	2205	2659	3191	3685	4240	5301
6'-6" (84") PRECAST	554	699	1160	1625	2564	3486	4218	4932	5681	6472(15)
7'-0" (90") PRECAST	475	535	1245	1843	2564	3486	4218	4932	5681	6472(15)
7'-6" (96") PRECAST	392	442	706	1002	1326	1697	2127	2530	3009	3643(45)
8'-0" (102") PRECAST	337	540	873	1254	1664	2193	2805	3552	4156	4872(15)
8'-6" (108") PRECAST	296	471	755	1075	1428	1838	2316	2883	3424	4156
9'-0" (114") PRECAST	279	442	706	1002	1326	1697	2127	2530	3009	3643(45)
9'-6" (120") PRECAST	235	419	750	1037	1402	1838	2316	2883	3424	4156
10'-0" (126") PRECAST	204	382	643	1052	1533	2093	2781	3643(45)	4156	4872(15)
10'-6" (132") PRECAST	162	340	595	945	1366	1846	2423	3127	4006	4872(15)
11'-0" (138") PRECAST	1362	582	945	1366	1846	2423	3127	4006	4872(15)	4872(15)
11'-6" (144") PRECAST	1015	540	873	1254	1664	2193	2805	3552	4156	4872(15)
12'-0" (144") PRECAST	743	1011	1729	2632	2205	2659	3191	3685	4240	5301
12'-6" (150") PRECAST	554	699	1160	1625	2564	3486	4218	4932	5681	6472(15)
13'-0" (156") PRECAST	475	471	755	1075	1428	1838	2316	2883	3424	4156
13'-6" (162") PRECAST	392	442	706	1002	1326	1697	2127	2530	3009	3643(45)
14'-0" (168") PRECAST	337	540	873	1254	1664	2193	2805	3552	4156	4872(15)
14'-6" (174") PRECAST	296	471	755	1075	1428	1838	2316	2883	3424	4156
15'-0" (180") PRECAST	235	419	750	1037	1402	1838	2316	2883	3424	4156
15'-6" (186") PRECAST	194	382	643	945	1366	1846	2423	3127	4006	4872(15)
16'-0" (192") PRECAST	162	340	595	945	1366	1846	2423	3127	4006	4872(15)
16'-6" (198") PRECAST	1362	582	945	1366	1846	2423	3127	4006	4872(15)	4872(15)
17'-0" (204") PRESTRESSED	142	706	1250	1733	2058	2540	3213	3985	4657	5301
17'-6" (210") PRESTRESSED	1015	540	873	1254	1664	2193	2805	3552	4156	4872(15)
18'-0" (216") PRESTRESSED	743	1011	1729	2632	2205	2659	3191	3685	4240	5301
18'-6" (222") PRESTRESSED	554	699	1160	1625	2564	3486	4218	4932	5681	6472(15)
19'-0" (228") PRESTRESSED	475	471	755	1075	1428	1838	2316	2883	3424	4156
19'-6" (234") PRESTRESSED	392	442	706	1002	1326	1697	2127	2530	3009	3643(45)
20'-0" (240") PRESTRESSED	337	540	873	1254	1664	2193	2805	3552	4156	4872(15)
20'-6" (246") PRESTRESSED	296	471	755	1075	1428	1838	2316	2883	3424	4156
21'-0" (252") PRESTRESSED	235	419	750	1037	1402	1838	2316	2883	3424	4156
21'-6" (258") PRESTRESSED	194	382	643	945	1366	1846	2423	3127	4006	4872(15)
22'-0" (264") PRESTRESSED	162	340	595	945	1366	1846	2423	3127	4006	4872(15)
22'-6" (270") PRESTRESSED	1362	582	945	1366	1846	2423	3127	4006	4872(15)	4872(15)
23'-0" (276") PRESTRESSED	1015	540	873	1254	1664	2193	2805	3552	4156	4872(15)
23'-6" (282") PRESTRESSED	743	1011	1729	2632	2205	2659	3191	3685	4240	5301
24'-0" (288") PRESTRESSED	554	699	1160	1625	2564	3486	4218	4932	5681	6472(15)

SAFE GRAVITY LOADS FOR 8" PRECAST w/ 2" RECESS DOOR U-LINTELS

LENGTH	TYPE	8U6	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B	8RF30-0B
4'-4" (52") PRECAST	1635	1891	3699	5206	6839	8			

