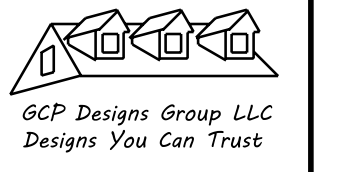


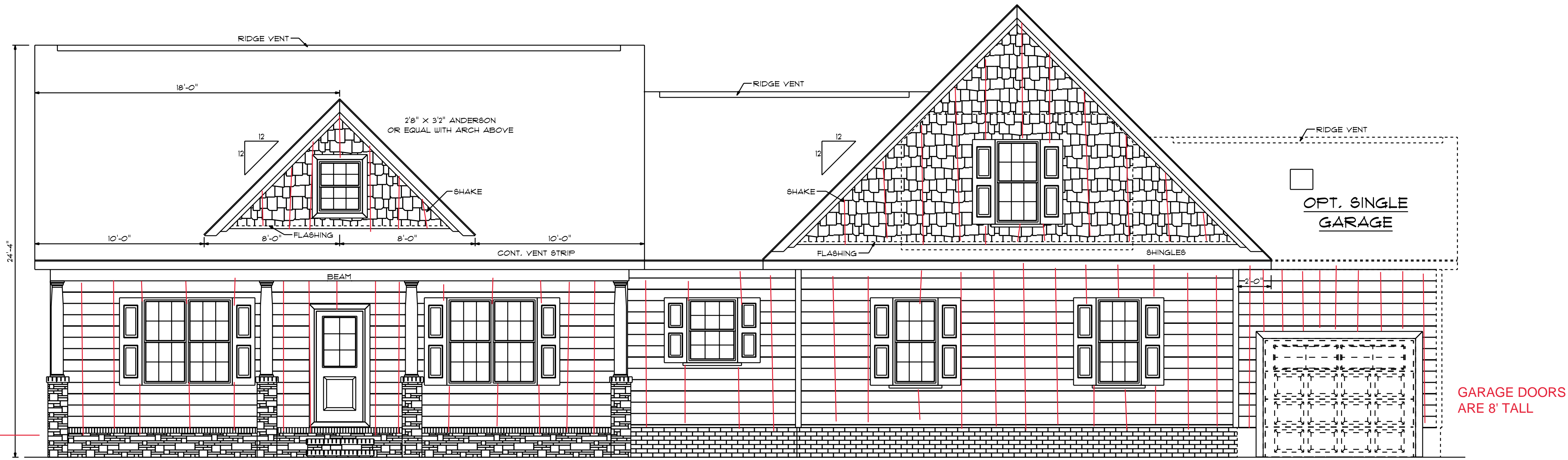
NOTES:
1. ALL FINAL MATERIALS ARE TO BE CHOSEN BY THE CONTRACTOR.
2. FINAL NUMBER OF EXTERIOR STEPS WILL BE DETERMINED ON SITE BY GRADE.
3. CONTRACTOR MUST MEET OR EXCEED ALL REQUIREMENTS OF ALL APPLICABLE CODES.
4. DESIGNER ASSUMES NO RESPONSIBILITY FOR CHANGES TO DRAWINGS BY OTHERS DURING CONSTRUCTION.
5. ALL STRUCTURAL INFO SHOWN ON PLANS ARE FOR INFORMATION ONLY. CONTRACTOR SHALL OBTAIN ALL NECESSARY STRUCTURAL ENGS. REVIEW AND DESIGN ALL STRUCTURAL ELEMENTS.



DATE: 6-9-2021
SUBDIVISION:
BUILDER:

BEN STOUT CONSTRUCTION

NOTE:
BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER LOCAL CODE AS IT PERTAINS TO LOCATION OF HOUSE (CC, IC, IS, LC, LG, LG, LC, IYH)



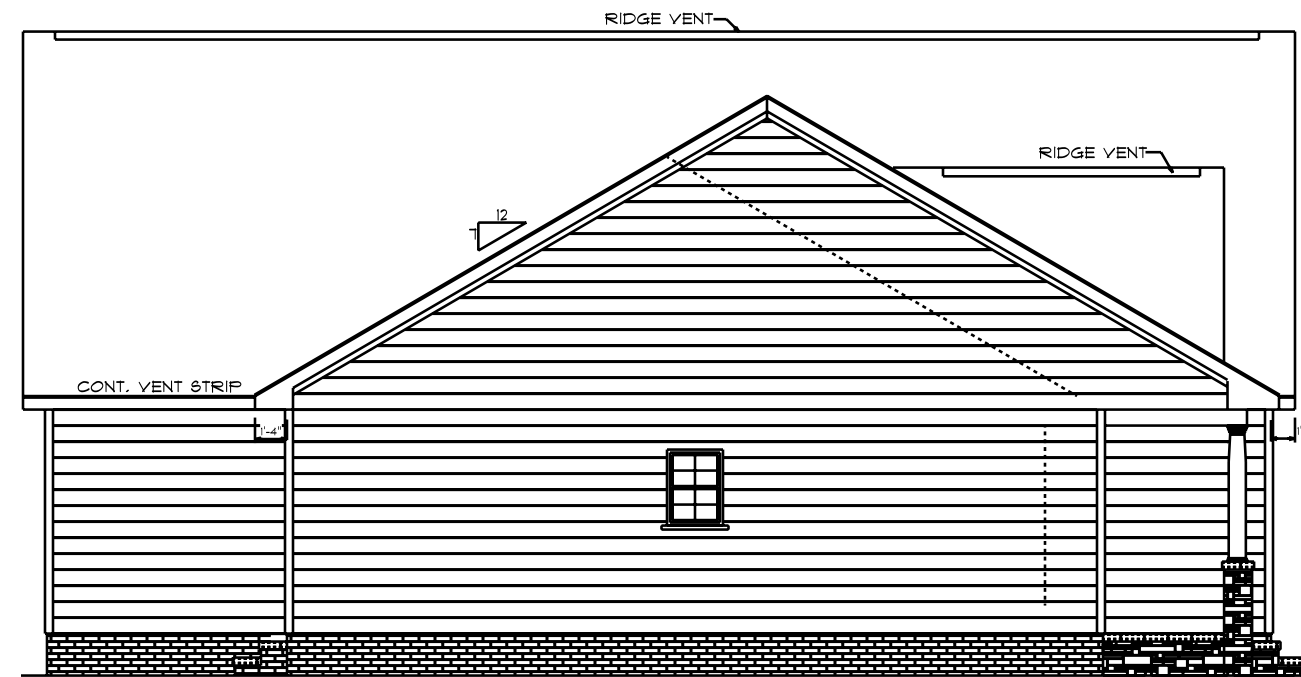
NO STONE ON COLUMNS OR ACROSS FRONT OF FOUNDATION. FOUNDATION IS STEM WALL w/ PARGE COAT

FRONT ELEVATION

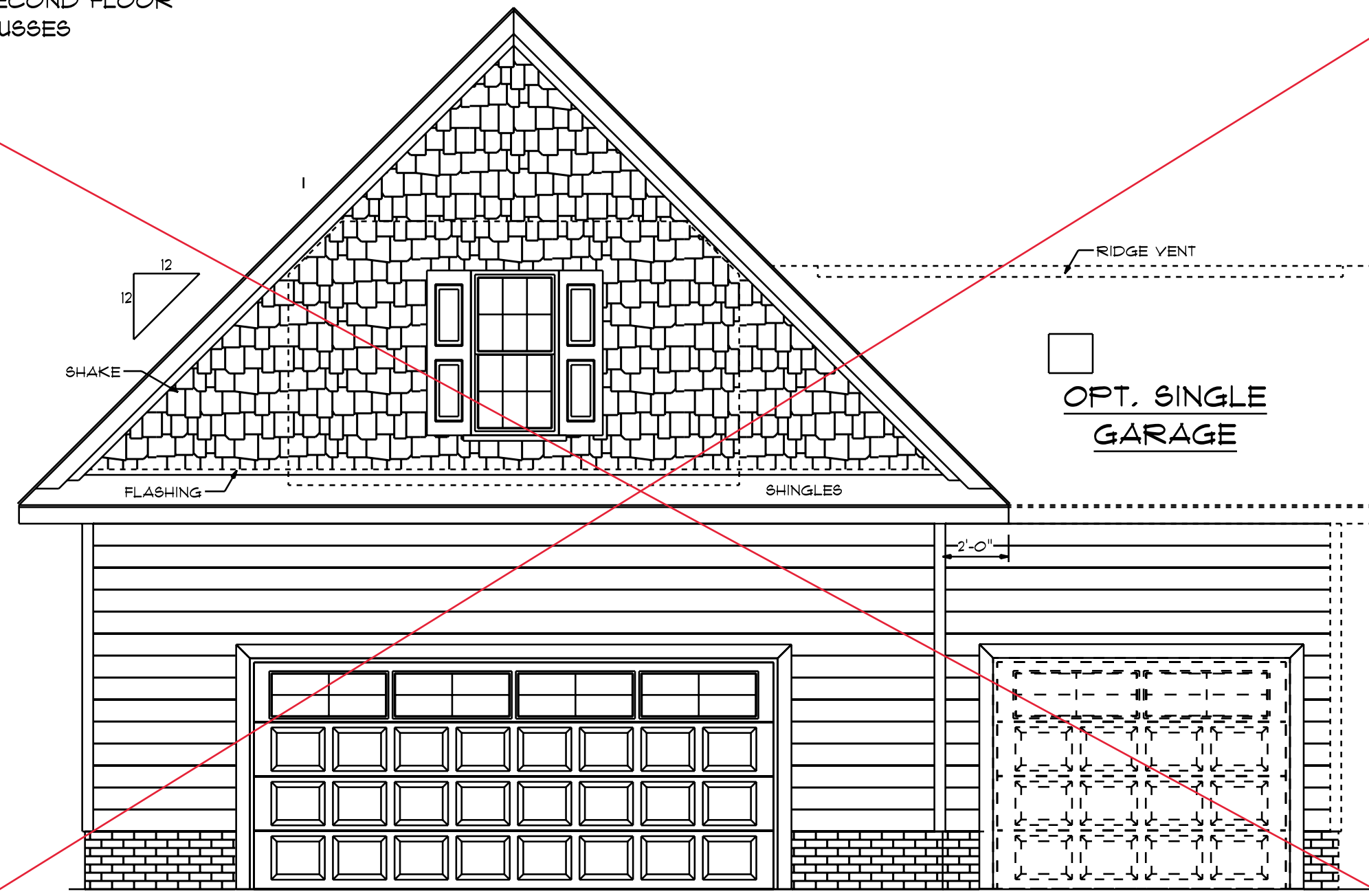
ATTIC VENTILIZATION - $3670 \text{ SF} / 300 = 12.23 \text{ SF/F}$ REQUIRED

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

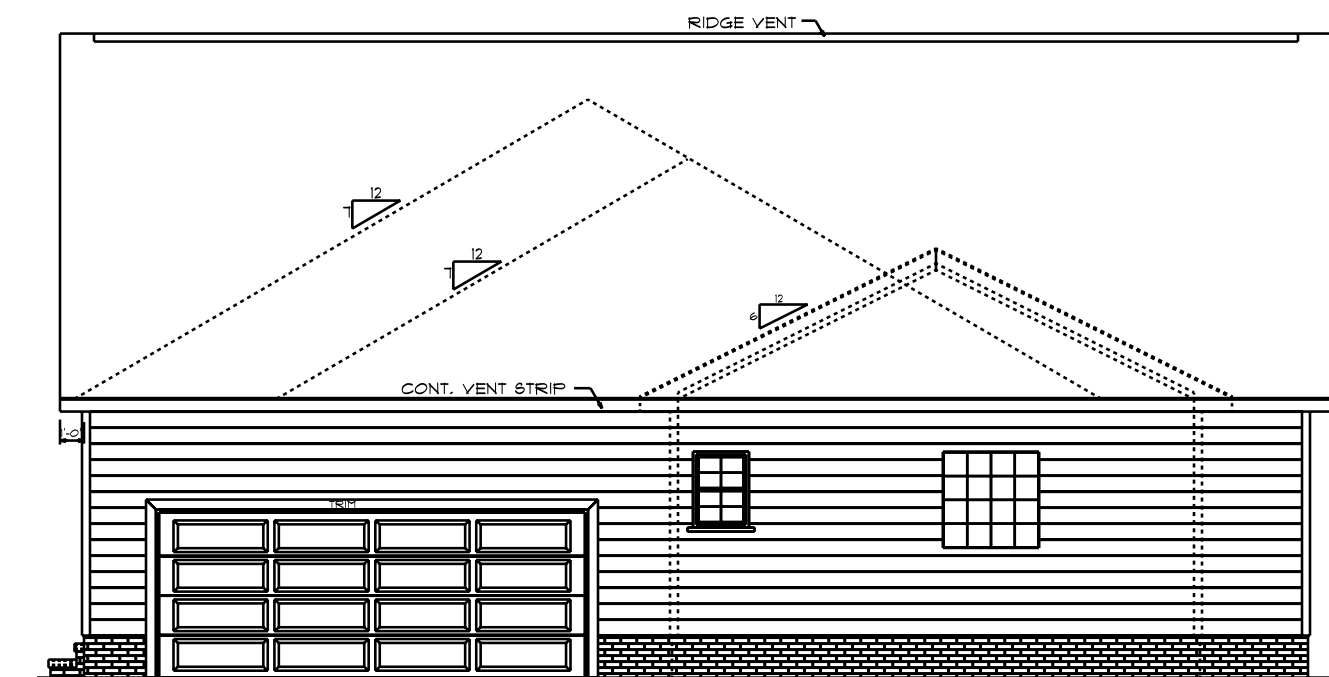
9'0" FINISHED CEILING HEIGHT ON FIRST FLOOR
14" WINDOW HEADER HEIGHT ON FIRST FLOOR
8'0" FINISHED CEILING HEIGHT ON SECOND FLOOR
6'8" WINDOW HEADER HEIGHT ON SECOND FLOOR
CANTILEVER ALL ROOF TRUSSES



LEFT ELEVATION
SCALE: $1/8" = 1'0"$



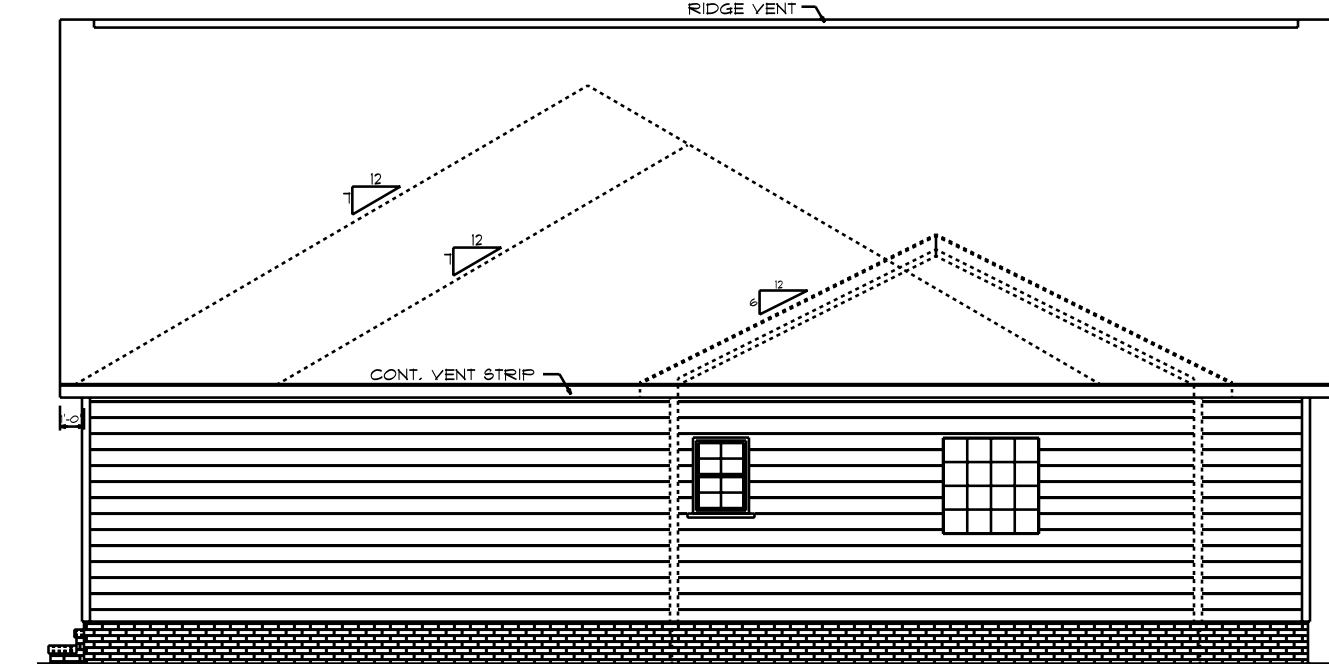
OPT. FRONT ENTRY
DOUBLE GARAGE
SCALE: $1/4" = 1'0"$



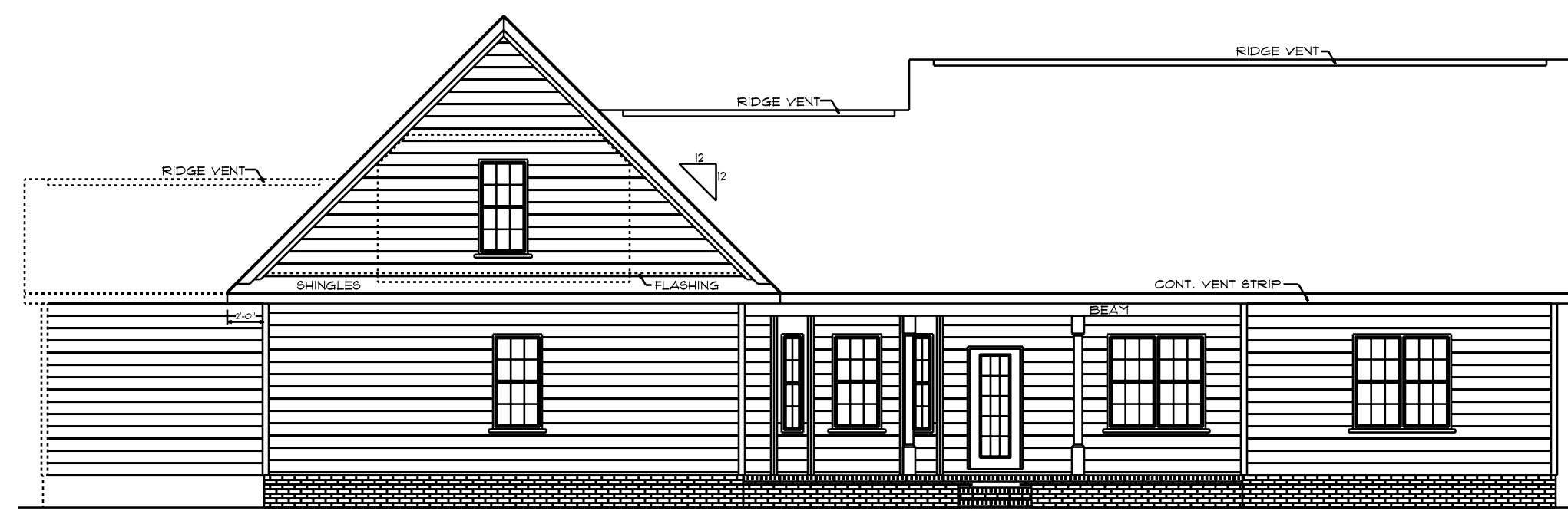
GARAGE DOORS ARE 8' TALL

RIGHT ELEVATION
SCALE: $1/8" = 1'0"$

OPT. SINGLE GARAGE



OPT. SINGLE GARAGE
SCALE: $1/8" = 1'0"$

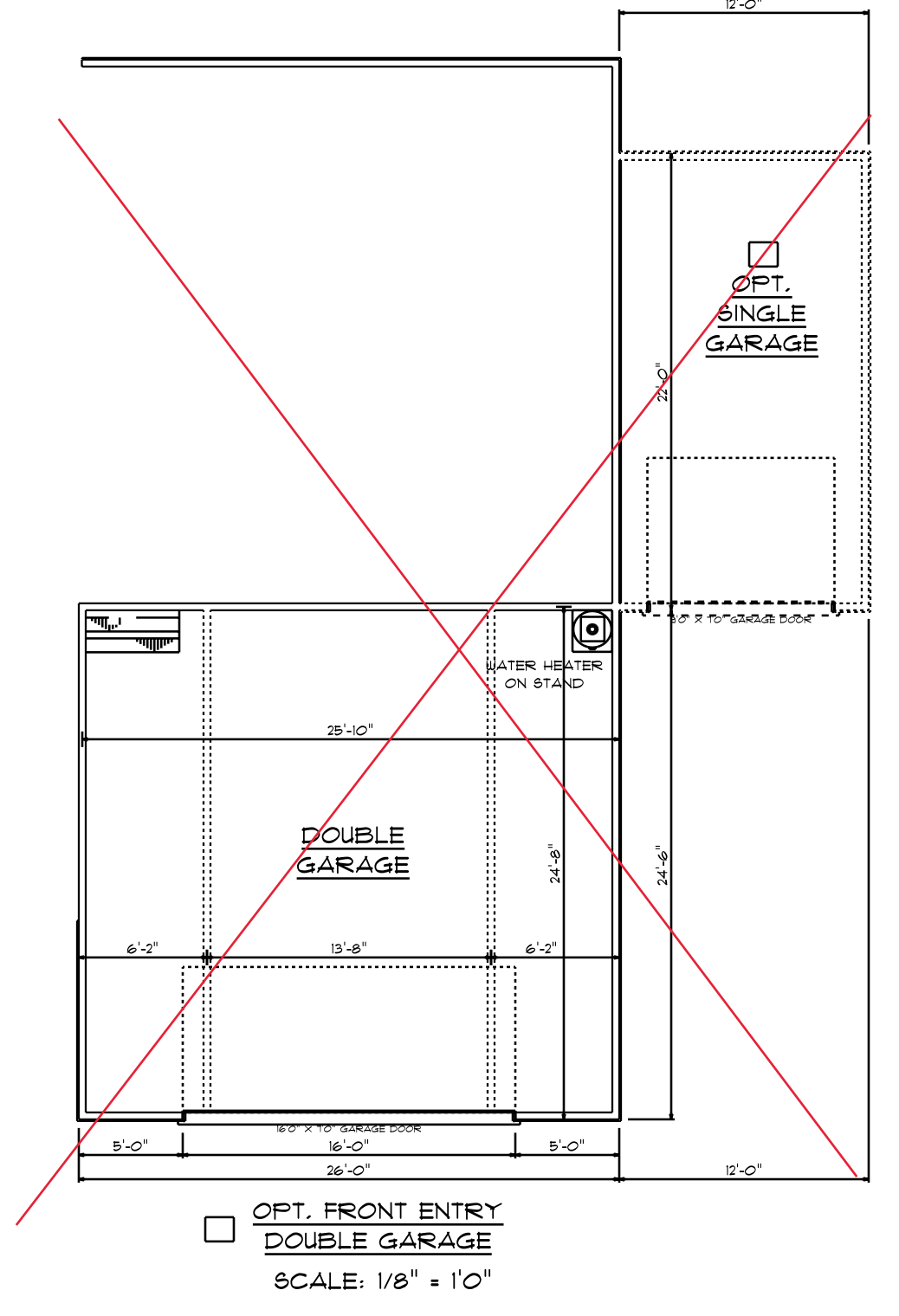
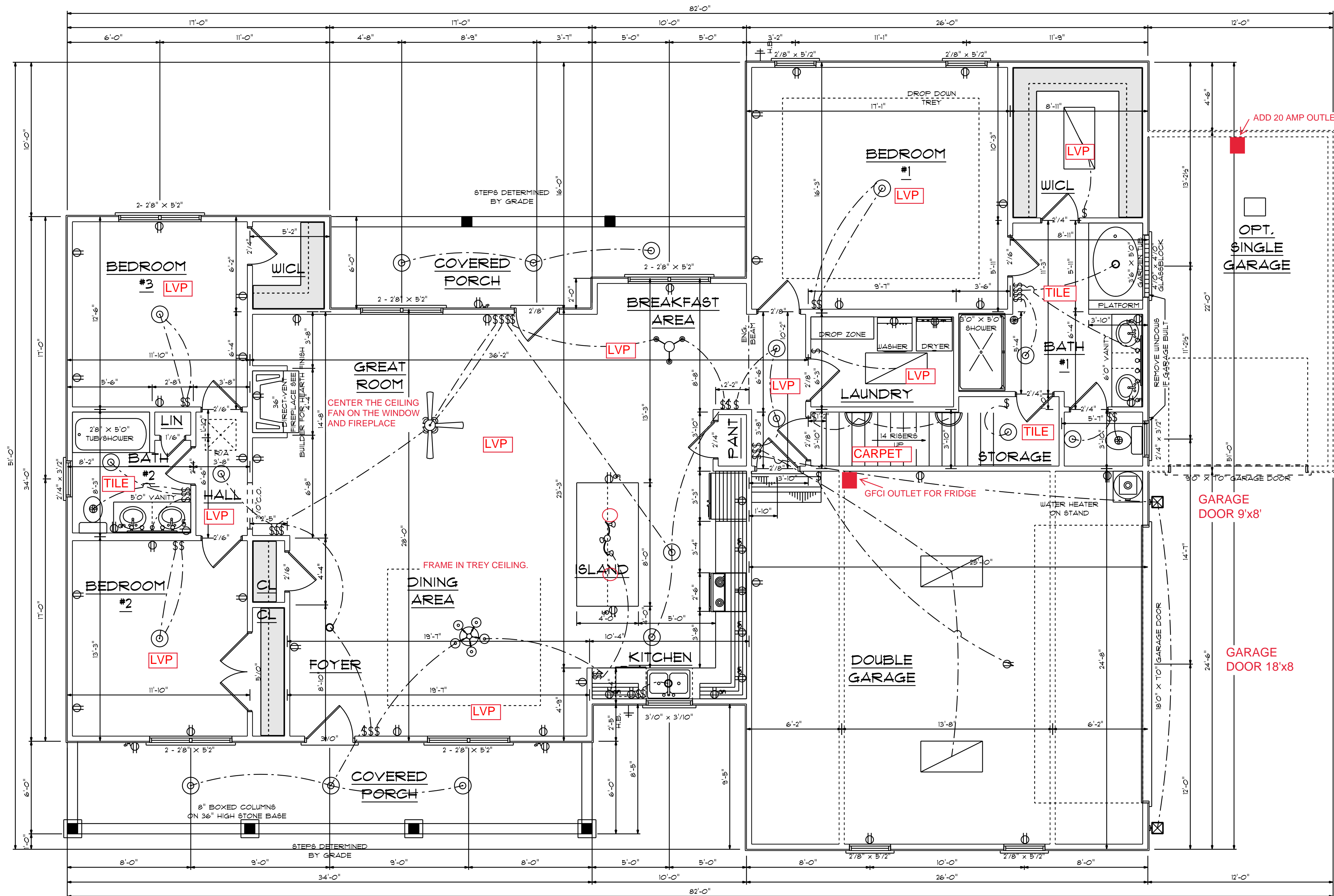


OPT. SINGLE GARAGE

REAR ELEVATION
SCALE: $1/8" = 1'0"$

NOTICE TO CONTRACTOR:
All construction must comply with current NC Building Codes and be subject to third-party inspection and approval.

APPROVED
Harnett County Building Department
04/26/2022



**ELEC. CONTRACTOR TO CONFIRM
OUTLET LOCATION AND FIXTURE TYPES
WITH OWNER**

9'0" FINISHED CEILING HEIGHT ON FIRST FLOOR
1'4" 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

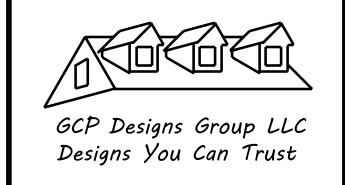
FIRST FLOOR
SCALE: 1/4" = 1'0"

HOUSEHOLD FIRE ALARMS SYSTEMS INSTALLED IN ACCORDANCE WITH BOTH INTERNATIONAL AND LOCAL BUILDING CODES IN THE FOLLOWING LOCATIONS.

1. IN EACH SLEEPING ROOM
2. OUTSIDE EACH SEPARATE SLEEPING AREAS IN THE IMMEDIATE VICINITY OF BEDROOMS AND WIRED TOGETHER IN SUCH A MANNER THAT WHEN ONE IS ACTIVATED ALL SHELL ACTIVATE

2022 S/F ON FIRST FLOOR
665 S/F IN BONUS ROOM AND BEDROOM #4
631 S/F IN DOUBLE GARAGE
214 S/F IN OPT. GARAGE
204 S/F ON FRONT PORCH
142 S/F ON REAR PORCH

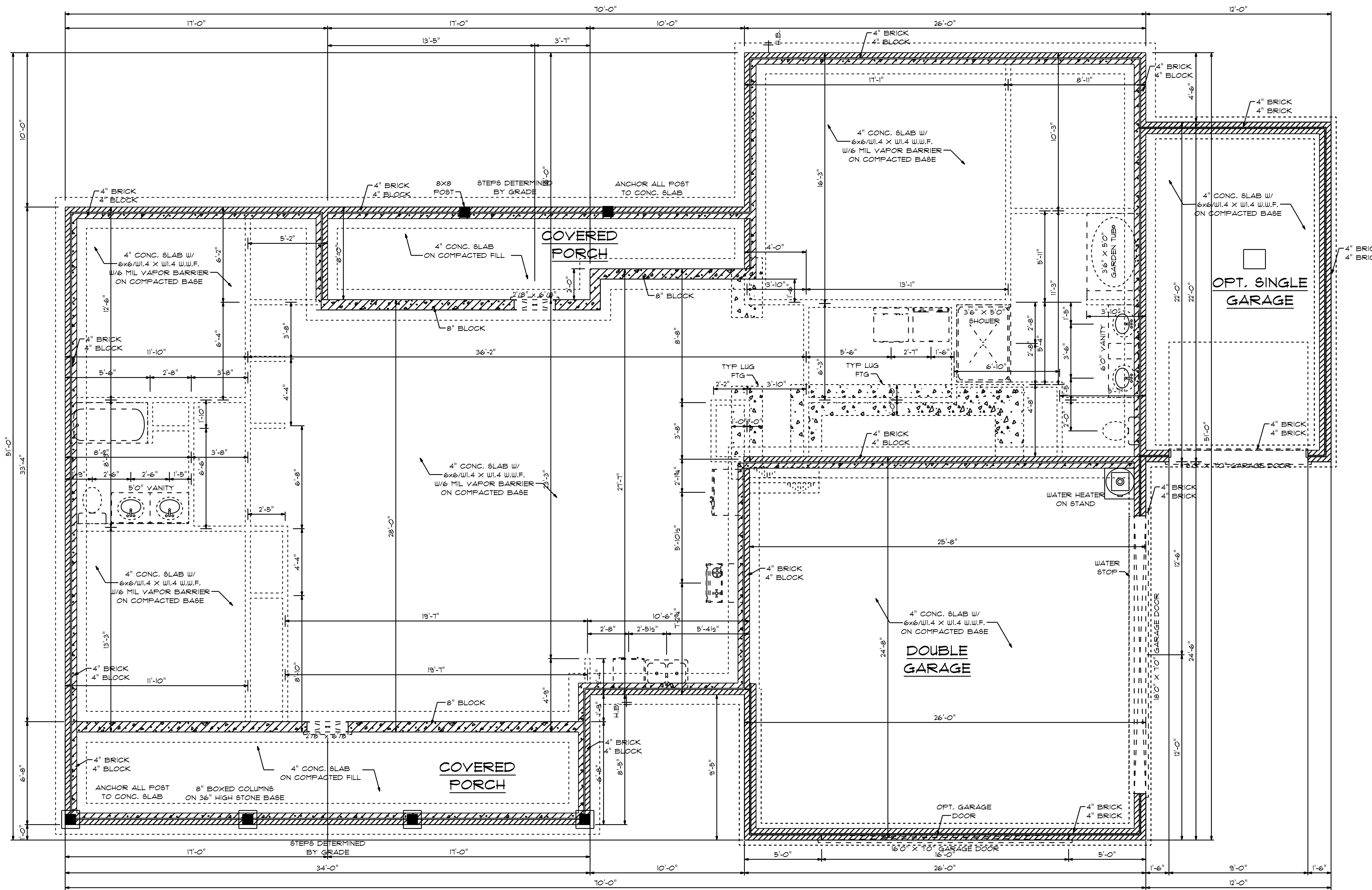
NOTES:
1. ALL FINAL MATERIALS ARE TO BE CHOSEN BY THE CLIENT.
2. FINAL NUMBER OF EXTERIOR STEPS WILL BE DETERMINED ON SITE BY GRADE.
3. CONTRACTOR MUST MEET OR EXCEED ALL APPLICABLE CODES.
4. DESIGNER ASSUMES NO RESPONSIBILITY FOR CHANGES TO DRAWINGS BY OTHERS DURING CONSTRUCTION.
5. ALL STRUCTURAL INFO SHOWN ON PLANS ARE FOR INFORMATION ONLY. CONSULT WITH ARCHITECT FOR STRUCTURAL REVIEWS AND DESIGNABLE STRUCTURAL ELEMENTS.



DATE: 6-9-2021
SUBDIVISION:
BUILDER:

BEN STOUT CONSTRUCTION

NOTE:
BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER LOCAL CODE AS IT PERTAINS TO LOCATION OF HOUSE (ICC, IBC, ISC, IFC, IAPF, IBC, ITPH)



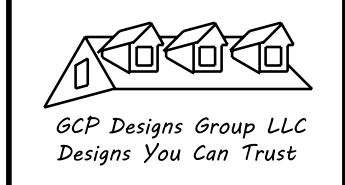
BTU/H CALCULATIONS MODEL
 CEILING 2202 X .033 X 20 = 1453.32
 FLOOR 2760 X .053 X 20 = 2926
 WALLS 2202 X .063 X 20 = 2774.52
 DOORS/WINDOWS 857.32 X .526 X 20 = 2112
 TOTAL = 9,262.84

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

CONCRETE NOTES
 NOTES:
 1) MINIMUM SOIL BEARING CAPACITY: 2000 psf.
 2) CONCRETE COMPRESSIVE STRENGTH + END OF 28 DAY'S (MIN)
 FOUNDATIONS, FOOTING, 4 INTERIOR SLABS + 3000 psf.
 EXTERIOR SLAB (EXPOSED TO WEATHER) + 3500 psf.

2022 S/F ON FIRST FLOOR
 665 S/F IN BONUS ROOM AND BEDROOM #4
 631 S/F IN DOUBLE GARAGE
 274 S/F IN OPT. SINGLE GARAGE
 204 S/F ON FRONT PORCH
 142 S/F ON REAR PORCH

- NOTES:
 1. ALL FINAL MATERIALS ARE TO BE CHOSEN BY THE CONTRACTOR.
 2. FINAL NUMBER OF EXTERIOR STEPS WILL BE DETERMINED ON SITE BY GRADE.
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 5. ALL STRUCTURAL INFO SHOWN ON PLANS ARE FOR INFORMATION ONLY. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND DESIGN ALL STRUCTURAL ELEMENTS.



DATE: 6-9-2021
 SUBDIVISION:
 BUILDER:

BEN STOUT CONSTRUCTION

NOTE:
 BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER LOCAL CODE AS IT PERTAINS TO LOCATION OF HOUSE (ICC, IBC, IRC, IFC, IFBC, IFPB)



ROOF & FLOOR TRUSSES & BEAMS

Reilly Road Industrial Park
Fayetteville, N.C. 28309
Phone: (910) 864-8787
Fax: (910) 864-4444

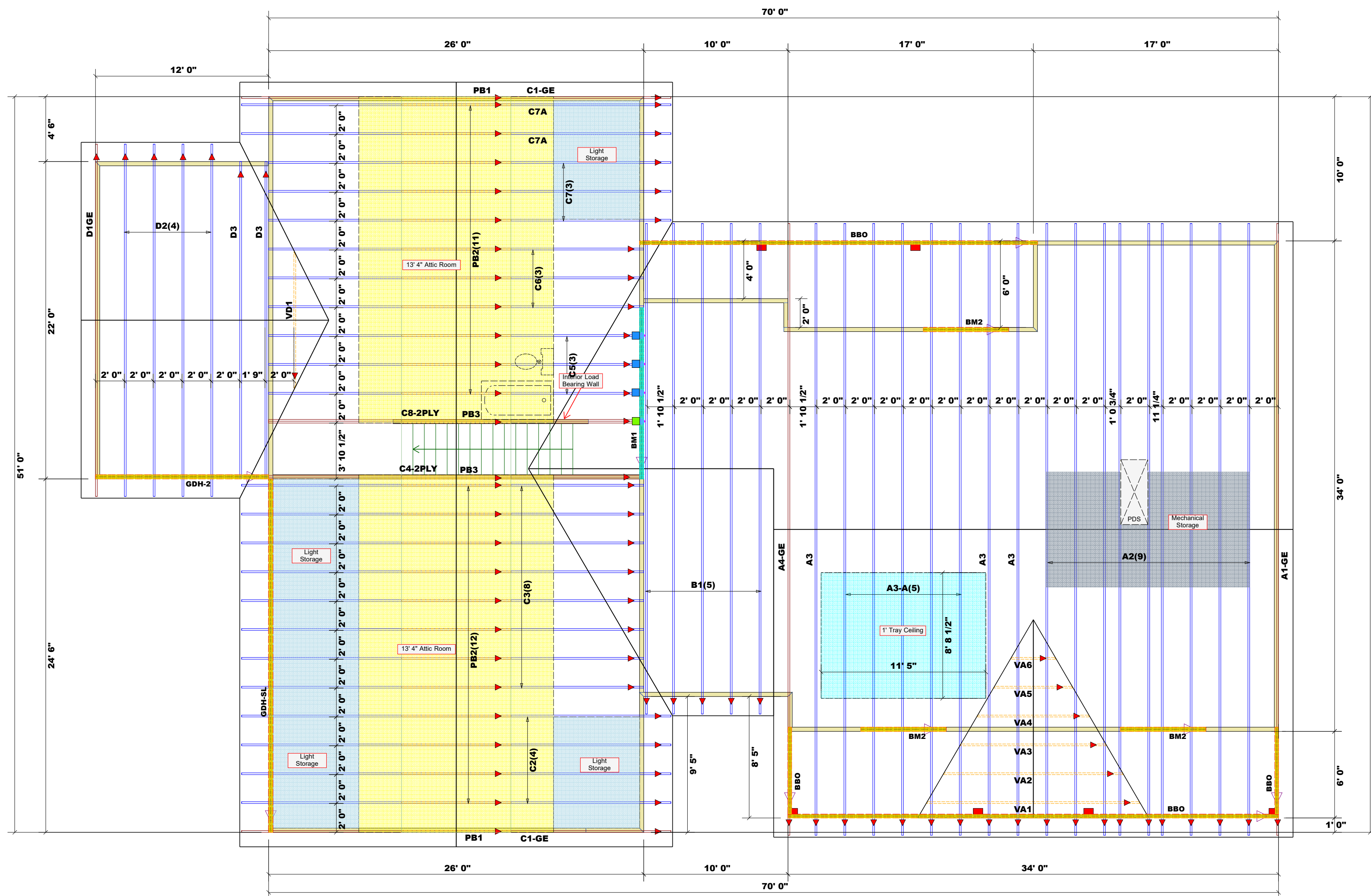
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from the prescriptive Code requirements) to determine the minimum foundation size and number of wood studs required to support reactions greater than 3000# but not greater than 15000#. A registered design professional shall be retained to design the support system for any reaction that exceeds those specified in the attached Tables. A registered design professional shall be retained to design the support system for all reactions that exceed 15000#.

Signature Neil Baggett
Neil Baggett

LOAD CHART FOR JACK STUDS

(BASED ON TABLES R502.5(1) & (b))
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO)	REQ. STUDS FOR (1) PLY HEADER	END REACTION (UP TO)	REQ. STUDS FOR (2) PLY HEADER	END REACTION (UP TO)	REQ. STUDS FOR (4) PLY HEADER
1700	1	2550	1	3400	1
3400	2	5100	2	6800	2
5100	3	7650	3	10200	3
6800	4	10200	4	13600	4
8500	5	12750	5	17000	5
10200	6	15300	6		
11900	7				
13600	8				
15300	9				



▲ = Indicates Left End of Truss
(Reference Engineered Truss Drawing)
Do Not Erect Trusses Backwards

1 Truss Placement Plan
Scale: 3/16"=1'

All Walls Shown Are Considered Load Bearing

Roof Area = 4697.04 sq.ft.
Ridge Line = 136.89 ft.
Hip Line = 0 ft.
Horiz. OH = 208.11 ft.
Raked OH = 233.87 ft.
Decking = 161 sheets

Hatch Legend

[Light Blue]	Light Storage
[Cyan]	Tray Ceiling
[Yellow]	Drop Beam
[Light Green]	Flush Beam
[Grey]	Mechanical Storage

Products

PlotID	Length	Product	Plies	Net Qty	Fab Type
BM2	6' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	6	FF
BM1	12' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
GDH-2	12' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
GDH-SL	25' 0"	1-3/4"x 23-7/8" LVL Kerto-S	2	2	FF

Connector Information

Sym	Product	Manuf	Qty	Supported Member	Header	Truss
[Blue]	HUS26	USP	3	BM1	16d/3-1/2"	16d/3-1/2"
[Green]	THD26-2	USP	1	Varies	16d/3-1/2"	10d/3"

BUILDER	Ben Stout Real Estate	CITY / CO.	Harnett
JOB NAME	D Spartan Ridge	ADDRESS	D Spartan Ridge
PLAN	Ivey 2.0/ BSC-2022 w/SL & 3rd Car	MODEL	Roof
SEAL DATE	6/9/2021	DATE REV.	4/20/2022
QUOTE #	Quote #	DRAWN BY	Neil Baggett
JOB #	JO421-2234	SALES REP.	Marshall Naylor

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbcindustry.com



ROOF & FLOOR TRUSSES & BEAMS

Reilly Road Industrial Park
Fayetteville, N.C. 28309
Phone: (910) 864-8787
Fax: (910) 864-4444

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Signature Neil Baggett
Neil Baggett

LOAD CHART FOR JACK STUDS

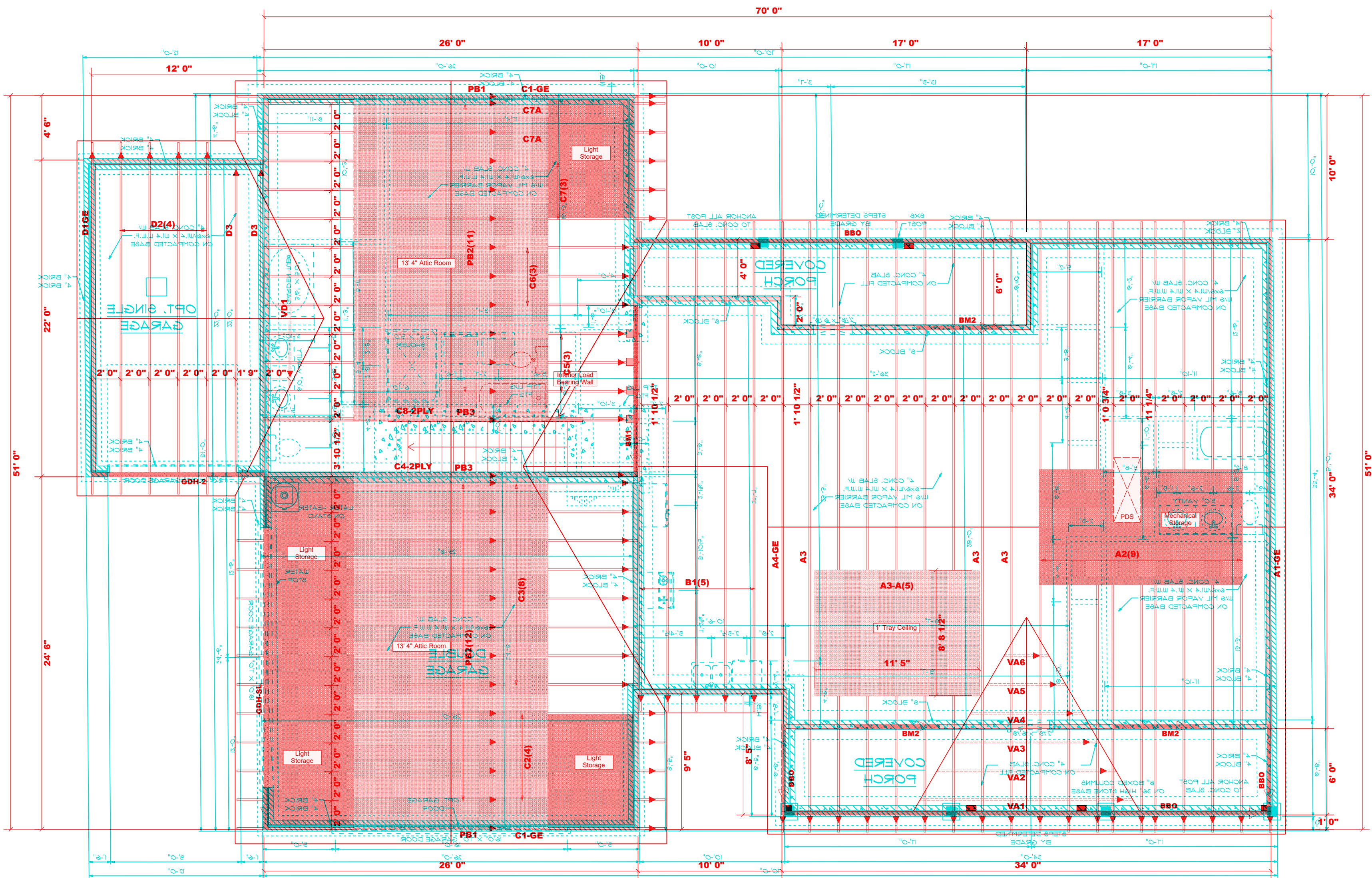
(BASED ON TABLES R502.5(1) & (b))
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO)	REQ. D. STUDS FOR (1) PLY BEAMER	END REACTION (UP TO)	REQ. D. STUDS FOR (1) PLY BEAMER	END REACTION (UP TO)	REQ. D. STUDS FOR (1) PLY BEAMER
1700	1	2550	1	3400	1
3400	2	5100	2	6800	2
5100	3	7650	3	10200	3
6800	4	10200	4	13600	4
8500	5	12750	5	17000	5
10200	6	15300	6		
11900	7				
13600	8				
15300	9				

BUILDER	CITY / CO.	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALES REP.
Ben Stout Real Estate	Harnett	D Spartan Ridge	Roof	4/20/2022	Neil Baggett	Marshall Naylor
JOB NAME	PLAN	SEAL DATE	QUOTE #	QUOTE #	JOB #	
D Spartan Ridge	Ivey 2.0/ BSC-2022 w/SL & 3rd Car	6/9/2021			J0421-2234	

BUILDER	CITY / CO.	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALES REP.
Ben Stout Real Estate	Harnett	D Spartan Ridge	Roof	4/20/2022	Neil Baggett	Marshall Naylor
JOB NAME	PLAN	SEAL DATE	QUOTE #	QUOTE #	JOB #	
D Spartan Ridge	Ivey 2.0/ BSC-2022 w/SL & 3rd Car	6/9/2021			J0421-2234	

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CONCRETE NOTES

NOTES:
 (1) MINIMUM SOIL BEARING CAPACITY: 2000 psf.
 (2) CONCRETE COMPRESSIVE STRENGTH: 4000 psi.
 (3) CONCRETE FLOORING: 4" THICK BRICKS + 2" OF 28 DAYS MIN.
 EXTERIOR BRK (EXPOSED TO WEATHER) + 2800 psi.

FOUNDATION PLAN

SCALE: 1/4" = 1'-0"
 TOTAL = 2283.84
 DOORS/WINDOWS 82.32 X .529 X 20 = 2115
 WALLS 2202 X .063 X 20 = 2214.52
 FLOOR 2260 X .063 X 20 = 2328
 CEILING 2202 X .063 X 20 = 1453.32

▲ = Indicates Left End of Truss
 (Reference Engineered Truss Drawing)
 Do Not Erect Trusses Backwards

1 Truss Placement Plan
 Scale: 3/16"=1'

All Walls Shown Are Considered Load Bearing

Roof Area = 4697.04 sq.ft.
 Ridge Line = 136.89 ft.
 Hip Line = 0 ft.
 Horiz. OH = 208.11 ft.
 Raked OH = 233.87 ft.
 Decking = 161 sheets

Hatch Legend

[Hatch]	Light Storage
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[Hatch]	Drop Beam
[Hatch]	Flush Beam
[Hatch]	Mechanical Storage

Products

PlotID	Length	Product	Plies	Net Qty	Fab Type
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GDH-2	12' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
GDH-SL	25' 0"	1-3/4"x 23-7/8" LVL Kerto-S	2	2	FF

Connector Information

Sym	Product	Manuf	Qty	Supported Member	Header	Truss
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