



THE NET FREE VENTILATING AREA SHALL BE NOT LESSER THAN 1 TO 150 OF THE AREA OF THE SPACE VENTILATED EXCEPT THAT THE AREA MAY BE 1 TO 300, PROVIDED AT LEAST 50 PERCENT OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE. VENTILATED AT LEAST 5 FEET ABOVE THE EAVE OR CORNICE VENTS WITH THE BALANCE OF THE REQUIRED VENTILATION TO BE PROVIDED BY EAVE OR CORNICE VENTS.

GROSS ATTIC AREA TO BE VENTILATED = 1470 SQ. FT.
1470/300 = 6.6 SQ. FT. NET FREE AREA

50% OF VENTING MUST BE 5 FEET ABOVE THE EAVE OR SOFFIT VENTS



THIS PLAN DESIGNED UNDER NORTH CAROLINA
RESIDENTIAL CODE 2018 EDITION (2021IRC)
NC (2018 NRC) / 194 - 118 - 120 mph
IF IN 150 MPH ZONE FOLLOW ALL
APPLICABLE CODES

DATE 1/25/2025
PROJECT # 250107

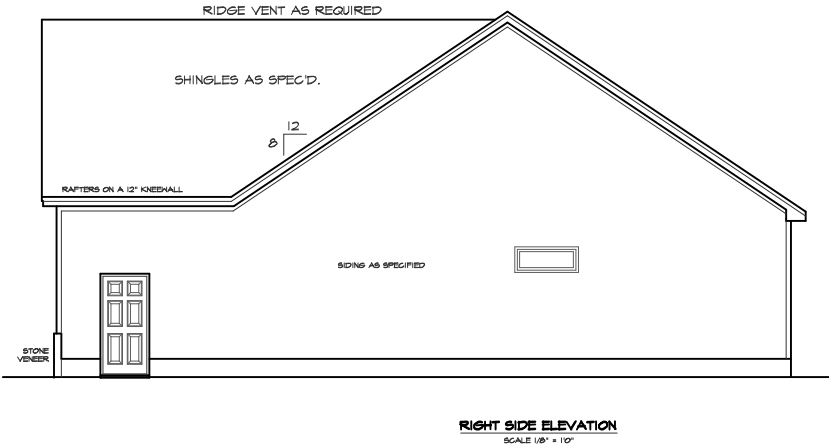
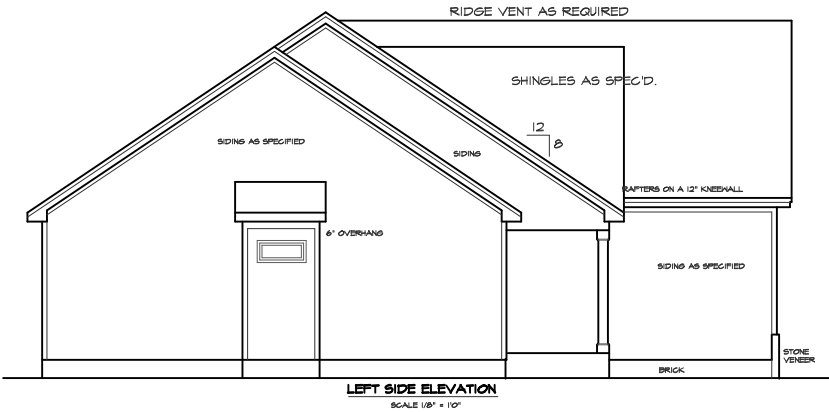
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Plan #
NRH 1881 The Caleb 2 Car
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**THIS PLAN DESIGNED UNDER NORTH CAROLINA
RESIDENTIAL CODE 2016 EDITION (2021RC)**
NO OTHER PERMITS / NOTES / 1 INCH = 1/8\"/>

DATE
1/29/2025
PROJECT #
250107



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NO OTHER PERMITS / NOTES / 118 - 120 RPM
DATE: 05/24/2025

DATE: 1/29/2025

PROJECT #

250107

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FOUNDATION STRUCTURAL NOTES:

① (B) 2 x 10 SPP #2 ORDER, DROPPED TYPICAL UND.

② CONCRETE BLOCK PIER SIZE SHALL BE:

SIZE: 18" x 16" UP TO 32" HIGH

12" x 16" UP TO 48" HIGH

18" x 16" UP TO 64" HIGH

24" x 24" UP TO 84" HIGH

WITH 50" x 50" x 10" CONCRETE FOOTING UND.

③ WALL FOOTING AS FOLLOWS:

DEPTH: 8" - UP TO 2-1/2 STORY

10" - 3 STORY

WIDTH: SIDING (OR EQUAL)

18" - UP TO 2-1/2 STORY

18" - 3 STORY

BRICK VENEER

18" - 1 STORY

20" - 2 STORY

24" - 3 STORY

FOR FOUNDATION WALL, HEIGHT AND BACKFILL

REQUIREMENTS, REFER TO NORTH CAROLINA

RESIDENTIAL CODE TABLE R404.1 (1 THRU 4)

NOTE: ASSUMED SOIL BEARING CAPACITY = 2000 PSF.

CONTRACTOR MUST VERIFY SITE CONDITIONS

AND CONTACT SOILS ENGINEER IF MARGINAL OR

UNSTABLE SOILS ARE ENCOUNTERED.

ATTACH BILL PLATE WITH 1/2" DIA. ANCHOR BOLTS

AT 8'-0" CENTERS (7' DIMENSION) AND 12" FROM

EACH PLATE END, (SECTION R 405.1.6)

4" O" BOLT SPACING IN 150 MPH WIND ZONE

4. BE DISBURGERS A SHIPMENT POINT

LOAD TO HAVE SOLID BLOCKING TO

PIER, SOLID BLOCK, ALL BEAM BEARING

POINTS NOTED TO HAVE THREE OR

MORE STUDS TO FND, TYPICAL.

5. ABBREVIATIONS:

"S" = SINGLE JOIST

"DJ" = DOUBLE JOIST

"TJ" = TRIPLE JOIST

FOUNDATION VENTING

SECTION R408.2 UNDER FLOOR SPACE

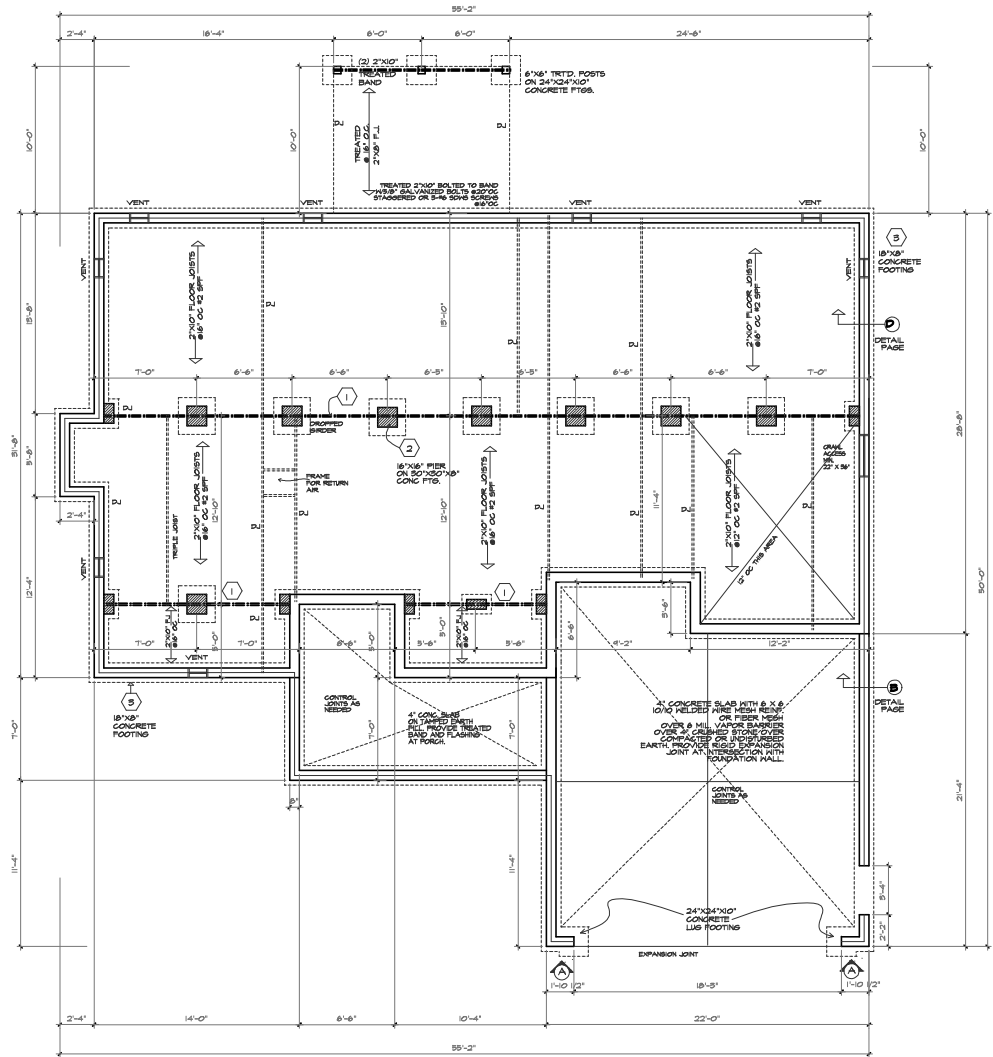
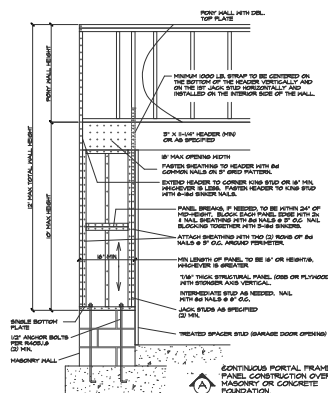
NOTE: Ventilation. The under-floor space between the bottom of the floor joists and the earth under any building except spaces occupied by basements or cellars shall be provided with ventilation openings through foundation walls or exterior walls. The openings and area of ventilation openings shall be at least one square inch for each square foot of floor area. One such ventilation opening shall be within 3 feet (914 mm) of each corner of solid building.

CRACK AREA TO BE VENTED: 1432 SQ. FT.

1432/2000 = 4.1% NET FREE VENTING AREA REQUIRED

R408.2 Ground Vapor Retarder

A vapor retarder separating floor retarder shall be installed to corner of each of each of the under floor space with joints lapped not less than 12"



FOUNDATION PLAN

SCALE 1/4" = 1'-0"



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NO OTHER PERMITS / NOTES / 118 - 120 RPM
ALL DIMENSIONS SHALL FOLLOW ALL

DATE 1/23/2025
PROJECT # 250107

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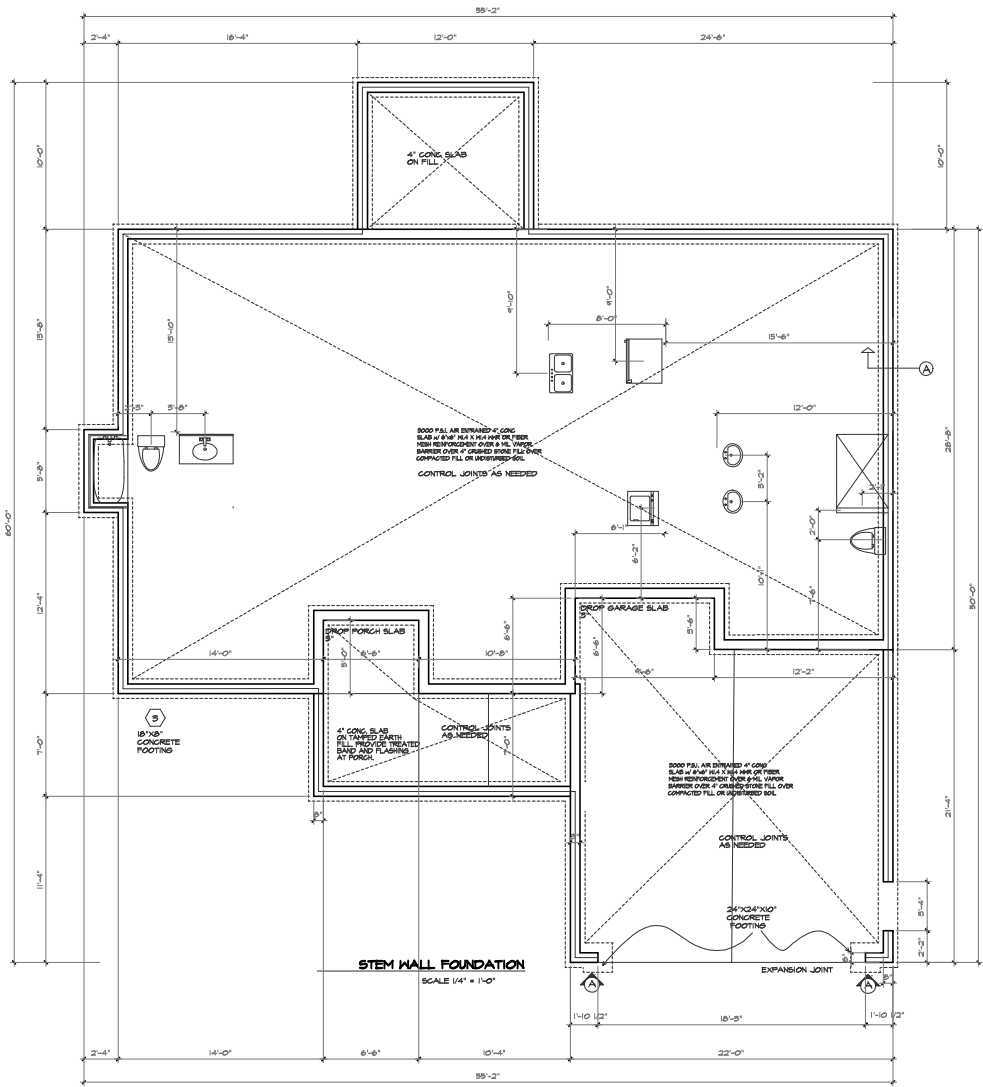
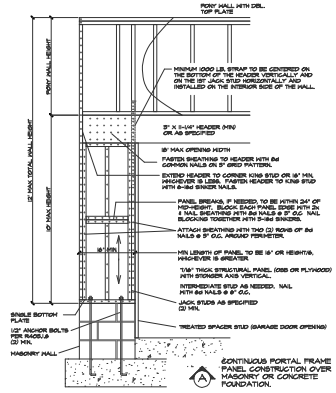
FOUNDATION STRUCTURAL NOTES:

- (B) 2 x 10 SFF #3 ORDER, DROPPED TYPICAL UND.
- CONCRETE BLOCK PIER SIZE SHALL BE:
SIZE HALLOW MASONRY SOLID MASONRY
8 x 16 UP TO 32" HIGH UP TO 5'-0" HIGH
12 x 16 UP TO 48" HIGH UP TO 10'-0" HIGH
16 x 16 UP TO 64" HIGH UP TO 12'-0" HIGH
24 x 24 UP TO 96" HIGH
WITH 30" x 30" x 10' CONCRETE FOOTING UND.
- HALL FOOTING AS FOLLOWS:
DEPTH: 8" - UP TO 2-1/2 STORY
10' - 5 STORY
WIDTH: SIDING (OR EQUAL)
- 16" - UP TO 2-1/2 STORY
- 18" - 3 STORY
BRICK VENEER
- 16" - 1 STORY
- 20" - 2 STORY
- 24" - 3 STORY

FOR FOUNDATION WALL HEIGHT AND BACKFILL REQUIREMENTS REFER TO NORTH CAROLINA RESIDENTIAL CODE TABLE R404.1 (1) THRU (4).
NOTE: ASSUMED SOIL BEARING CAPACITY = 2000 PSF.
CONTRACTOR MUST VERIFY SITE CONDITIONS AND CONTACT SOILS ENGINEER IF HAZARDOUS OR UNSTABLE SOILS ARE ENCOUNTERED.
ATTACH BILL PLATE WITH 1/2" DIA. ANCHOR BOLTS AT 6'-0" CENTERS (1' EMBEDMENT) AND 2" FROM EACH PLATE END, SECTION R 402.1(A).
4'-0" BOLT SPACING IN ISO MPH WIND ZONE.

4. "B" DESIGNATES A SIGNIFICANT POINT LOAD TO HAVE SOLID BLOCKING TO PIER, SOLID BLOCK, ALL BEAM BEARING POINTS NOTED TO HAVE THREE OR MORE STUDS TO FND, TYPICAL.

5. ABBREVIATIONS:
"SJ" = SINGLE JOIST
"DJ" = DOUBLE JOIST
"TJ" = TRIPLE JOIST

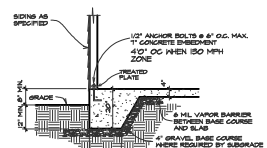


FOUNDATION STRUCTURAL NOTES:

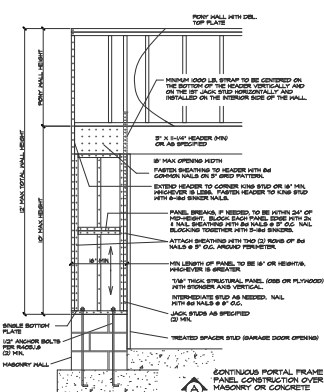
- (1) (B) 2 x 10 SPT #2 GIRDER, DROPPED TYPICAL, UND.
- (2) CONCRETE BLOCK PIER SIZE SHALL BE:
 SIZE HOLLOW MASONRY SOLID MASONRY
 8" x 16" UP TO 32'-0" HIGH UP TO 8'-0" HIGH
 12" x 16" UP TO 48'-0" HIGH UP TO 8'-0" HIGH
 16" x 16" UP TO 64'-0" HIGH UP TO 12'-0" HIGH
 24" x 24" UP TO 96'-0" HIGH
 WITH 50' x 50' x 10' CONCRETE FOOTING, UND.
- (3) WALL FOOTING AS FOLLOWS:
 DEPTH: 8' - UP TO 2 1/2 STORY
 10' - 3 STORY
 WIDTH: SIDING (OR EQUAL)
 - 16" - UP TO 2 1/2 STORY
 - 18" - 3 STORY
 BRICK VENEER
 - 16" - 1 STORY
 - 20" - 2 STORY
 - 24" - 3 STORY

FOR FOUNDATION WALL HEIGHT AND BACKFILL REQUIREMENTS, REFER TO NORTH CAROLINA RESIDENTIAL CODE TABLE R401.1 (I) THRU (4).
 NOTES: ASSUMED SOIL BEARING CAPACITY = 3000 PSF. CONTRACTOR MUST VERIFY SITE CONDITIONS AND CONTACT SOILS ENGINEER IF MARGINAL OR UNSTABLE SOILS ARE ENCOUNTERED.
 ATTACH RILL PLATE WITH 1/2" DIA. ANCHOR BOLTS AT 8'-0" CENTERS (1" EMBEDMENT) AND 12" FROM EACH PLATE END. (SECTION R 402.1.8)
 4" O.D. BOLT SPACING IN ISO WITH WIND ZONE
 4 "B" DESIGNATES A SIGNIFICANT POINT LOAD TO HAVE SOLID BLOCKING TO PERM. SOLID BLOCK: ALL BEAM BEARING POINTS NOTED TO HAVE THREE OR MORE STUDS TO TYP. TYPICAL.

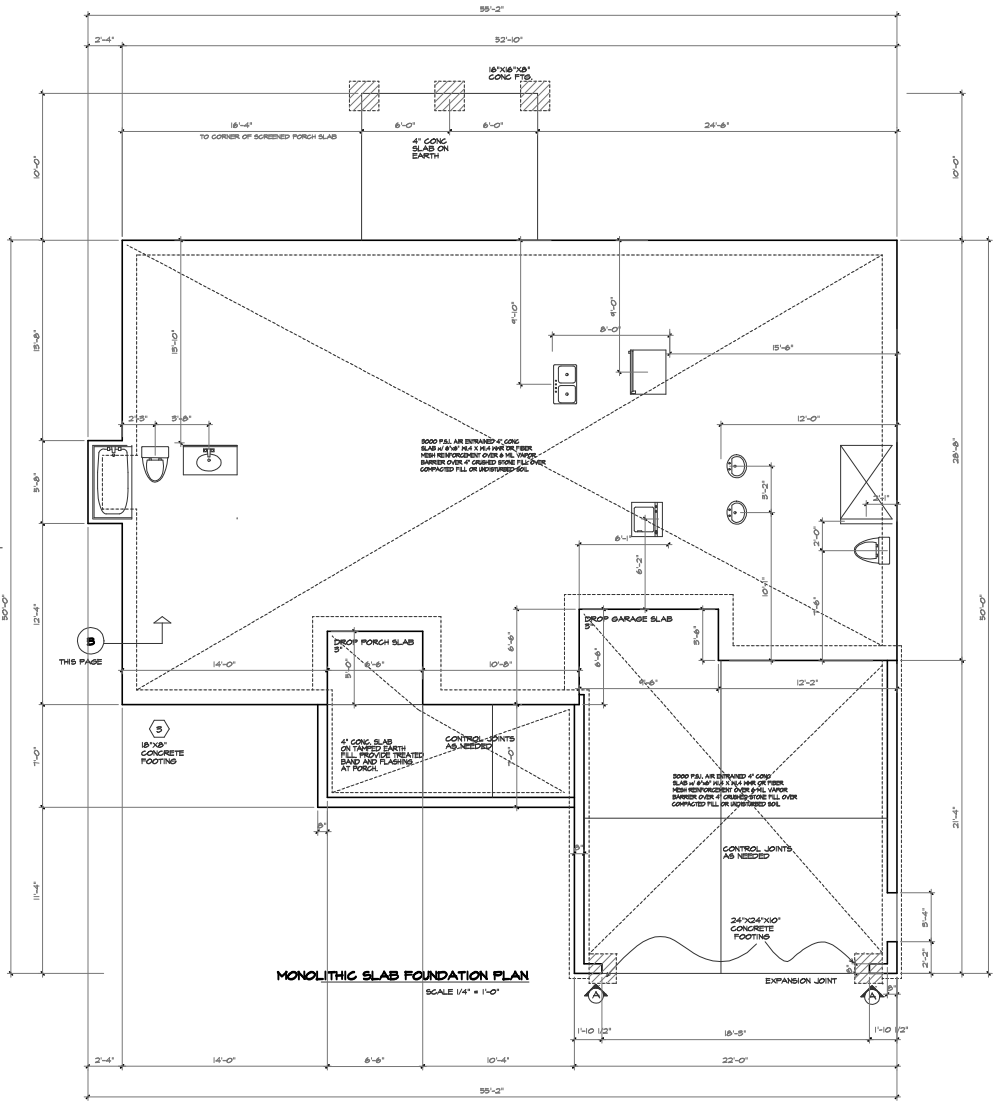
- 5 ABBREVIATIONS:
 "S.L." = SINGLE JOIST
 "D.J." = DOUBLE JOIST
 "T.J." = TRIPLE JOIST



B SECTION THROUGH MONOLITHIC SLAB/ FOOTING
 SCALE 1/2" = 1'-0"



A SECTION THROUGH MONOLITHIC SLAB/ FOOTING
 SCALE 1/4" = 1'-0"



MONOLITHIC SLAB FOUNDATION PLAN
 SCALE 1/4" = 1'-0"



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 NO OTHER REVISIONS / REVISION 1118 - 1201 RPM
 DATE: 05/24/2025

DATE: 1/23/2025
 PROJECT # 250107



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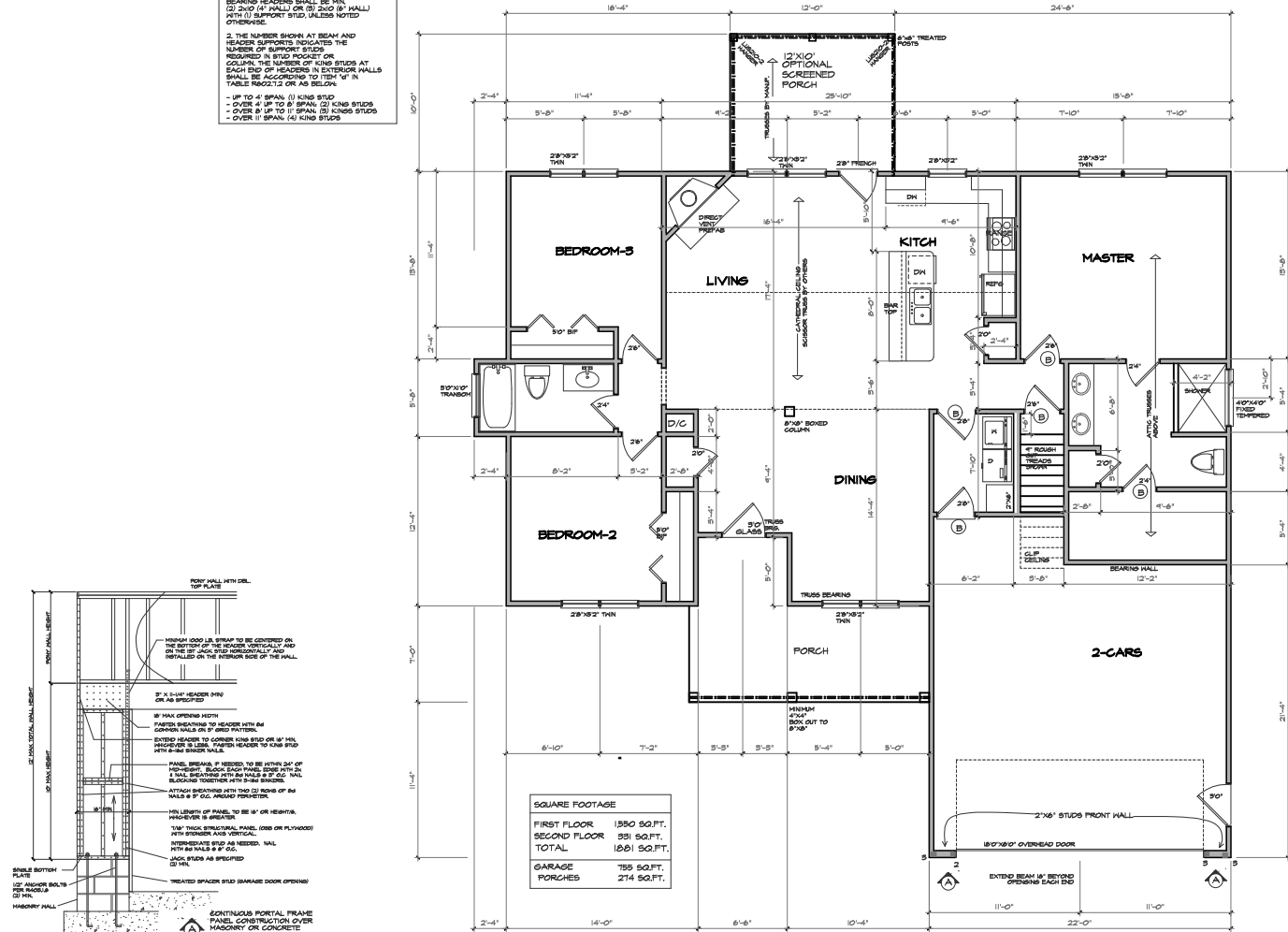
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NO OTHER TOLERANCE / 1/8" = 1'-0" PER
ANSI Z320.1-2020

DATE
2/4/2025
PROJECT #
250107

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HEADER/BEAM 4 COLUMN NOTES

1. ALL EXTERIOR AND LOAD BEARING HEADERS SHALL BE MIN. (2) 2X10 (4" WALL) OR (2) 2X12 (6" WALL) WITH (1) SUPPORT STUD, UNLESS NOTED OTHERWISE.
 2. THE NUMBER SHOWN AT BEAM AND HEADER SUPPORTS INDICATES THE NUMBER OF SUPPORT STUDS REQUIRED IN STUD JOIST OR COLUMN. THE NUMBER OF KING STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS SHALL BE ACCORDING TO ITEM 11" IN TABLE NEDC212 OR AS BELOW.
- UP TO 4' SPAN: (1) KING STUD
 - OVER 4' UP TO 8' SPAN: (2) KING STUDS
 - OVER 8' UP TO 11' SPAN: (3) KING STUDS
 - OVER 11' SPAN: (4) KING STUDS



FIRST FLOOR PLAN
SCALE 1/4" = 1'-0"



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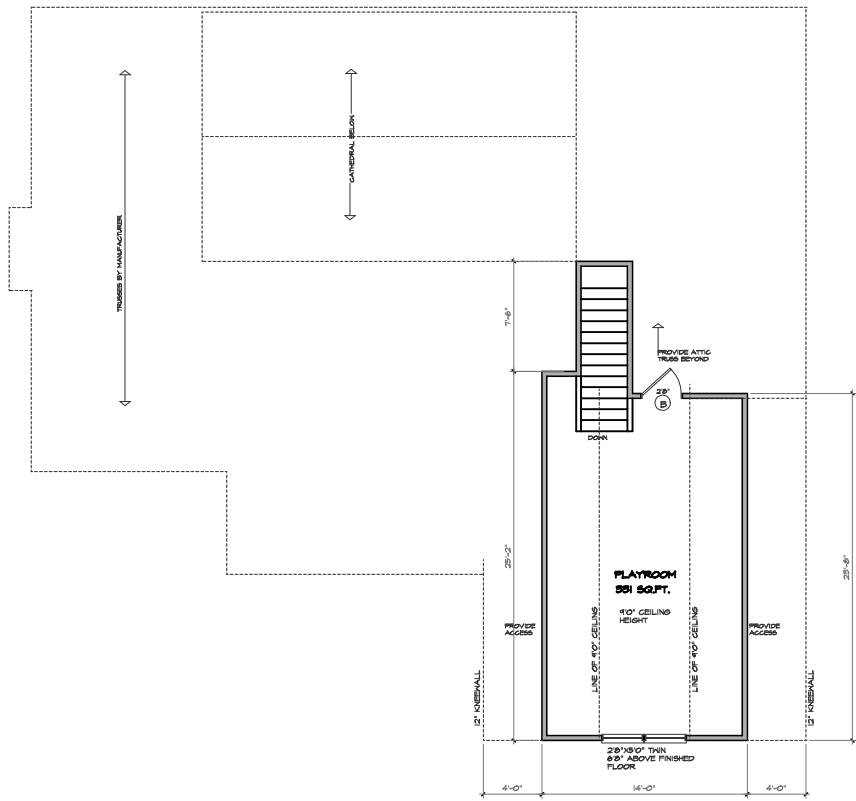
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NO OTHER TOLERANCE / NOTES / 1/8" = 1'-0" PER
ALL DIMENSIONS

DATE
1/23/2025
PROJECT #
250107

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SECOND FLOOR PLAN
SCALE 1/4" = 1'-0"



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 1500#. 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 1500#.

Signature, **Lenny Norris**
Lenny Norris

LOAD CHART FOR JACK STUDS

(BASED ON TABLES B202.5(1) & (2))

NUMBER OF JACK STUDS REQUIRED @ EA END OF

MEMBER

REACTION (UP TO)

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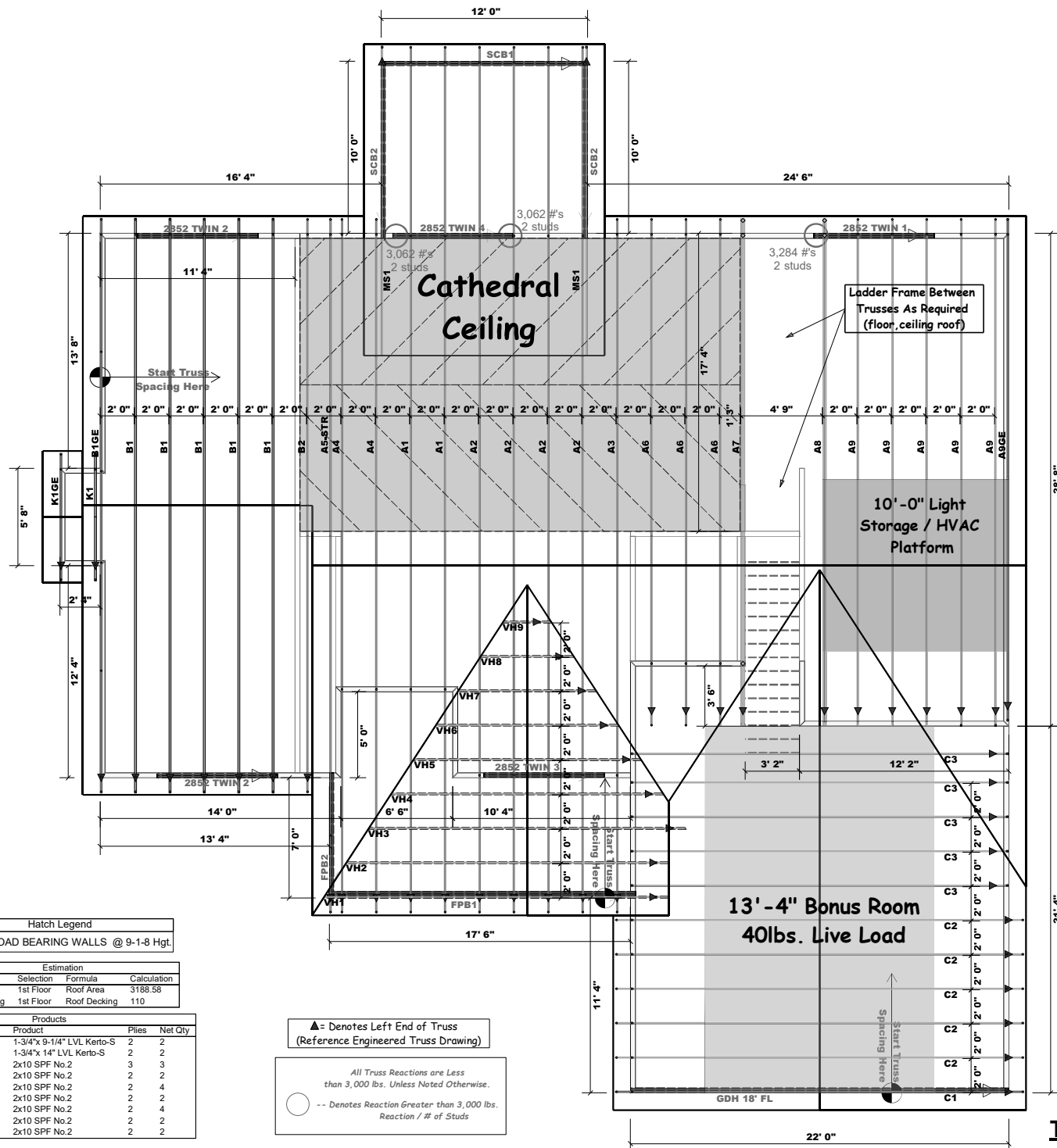
REACTION (UP TO)

REACTION (UP TO)

REACTION (UP TO)

REACTION (UP TO)

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 ICC-ES E-1001 and ICC-ES E-1002 provided with the truss delivery package or online @ sbcindustry.com



Hatch Legend			
[Hatched Box]	= LOAD BEARING WALLS @ 9-1-8 Hgt.		

Estimation			
Name	Selection	Formula	Calculation
Roof Area	1st Floor	Roof Area	3188.58
Roof Decking	1st Floor	Roof Decking	110

Products			
PlotID	Length	Product	Net Qty
2852 TWIN 4	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2
GDH 18' FL	22' 0"	1-3/4"x 14" LVL Kerto-S	2
FPB1	18' 0"	2x10 SPF No.2	3
SCB1	12' 0"	2x10 SPF No.2	2
2852 TWIN 1	8' 0"	2x10 SPF No.2	2
2852 TWIN 2	8' 0"	2x10 SPF No.2	2
2852 TWIN 3	8' 0"	2x10 SPF No.2	2
FPB2	8' 0"	2x10 SPF No.2	2

▲ = Denotes Left End of Truss
(Reference Engineered Truss Drawing)

○ -- Denotes Reaction Greater than 3,000 lbs.
Reaction / # of Studs

Truss Placement Plan
SCALE: 1/4" = 1'-0"

Johnston Co. / Johnston
Site Address
ROOF
/ /
Lenny Norris
Lenny Norris

CITY / CO.
ADDRESS
MODEL
DATE REV.
DRAWN BY
SALES REP.

Neuse River Homes
Lot 7 Honaker Farms
NRH 1881 CALEB 2-CAR
Seal Date
Quote #
J1224-6967

BUILDER
JOB NAME
PLAN
SEAL DATE
QUOTE #
JOB #

