

AFIR

**PLANS DESIGNED TO THE
2018 NORTH CAROLINA STATE
RESIDENTIAL BUILDING CODE**

MEAN ROOF HEIGHT: 18'-4" HEIGHT TO RIDGE: 24'-8"

CLIMATE ZONE	ZONE 3A	ZONE 4A	ZONE 5A
PENETRATION U-FACTOR	0.35	0.35	0.35
SKYLIGHT U-FACTOR	0.55	0.55	0.55
GLAZED PENETRATION SHGC	0.30	0.30	0.30
CEILING R-VALUE	38 or 30G	38 or 30G	38 or 30G
WALL R-VALUE	15	15	19
FLOOR R-VALUE	19	19	30
* BASEMENT WALL R-VALUE	5/13	10/15	10/15
** S/B R-VALUE	0	10	10
*** CRACK SPACE WALL R-VALUE	5/13	10/15	10/19

** 1/4" MEANS R-10 SHEETING INSULATION OR R-13 CAVITY INSULATION
*** INSULATION DEPTH WITH MONOLITHIC SLAB 2" OR FROM INSPECTION GAP TO BOTTOM OF FOOTING; INSULATION DEPTH WITH STEEL WALL SLAB 2" OR TO BOTTOM OF FOUNDATION WALL

DESIGNED FOR WIND SPEED OF 120 MPH, 3 SECOND GUST (S1 FASTEST MILE) EXPOSURE "B"

COMPONENT & CLADDING DESIGNED FOR THE FOLLOWING LOADS

MEAN ROOF	UP TO 30'	30'-1" TO 35'	35'-1" TO 40'	40'-1" TO 45'
ZONE 1	14.2	-15.0	14.9	-15.8
ZONE 2	14.2	-18.0	14.9	-18.9
ZONE 3	14.2	-18.0	14.9	-18.9
ZONE 4	15.5	-16.0	16.3	-16.8
ZONE 5	20.0	16.3	21.0	16.8

DESIGNED FOR WIND SPEED OF 130 MPH, 3 SECOND GUST (S1 FASTEST MILE) EXPOSURE "B"

COMPONENT & CLADDING DESIGNED FOR THE FOLLOWING LOADS

MEAN ROOF	UP TO 30'	30'-1" TO 35'	35'-1" TO 40'	40'-1" TO 45'
ZONE 1	16.7	-18.0	17.5	-22.1
ZONE 2	16.7	-21.0	17.5	-22.1
ZONE 3	16.7	-21.0	17.5	-22.1
ZONE 4	18.2	-19.0	19.1	-20.0
ZONE 5	18.2	-24.0	19.1	-25.2

SQUARE FOOTAGE

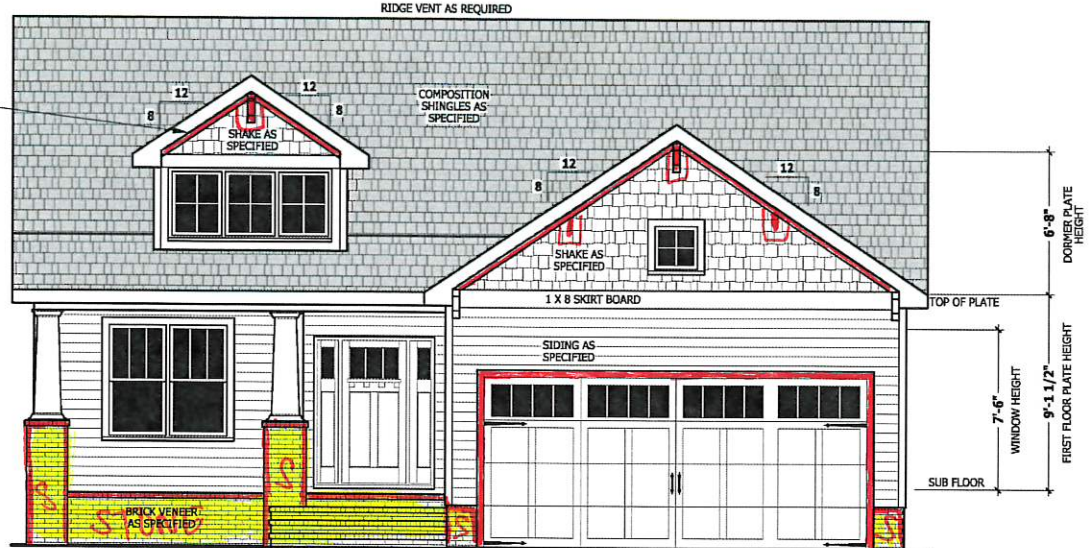
HEATED FIRST FLOOR TOTAL	1553 SQ.FT.
UNHEATED GARAGE	419 SQ.FT.
FRONT PORCH	103 SQ.FT.
FRONT PORCH EXT	66 SQ.FT.
REAR PORCH	117 SQ.FT.
TOTAL	705 SQ.FT.

NOTICE TO CONTRACTOR
All work shall conform to the Building Code and is subject to field inspection and verification.

APPROVED

Contract Building Dept.
Permit Administrator
Full compliance with the Code

07/20/2020



FRONT ELEVATION - A
SCALE 1/4" = 1'-0"

ROOF VENTILATION

SECTION R806
R806.1 Ventilation required. Enclosed attics and enclosed rafter spaces formed where ceilings are applied directly to the underside of roof rafters shall have cross ventilation for each separate space by ventilating openings protected against the entrance of rain or snow. Ventilation openings shall have a least dimension of 1/16 inch (1.6 mm) minimum and 1/4 inch (6.4 mm) maximum. Ventilation openings having a least dimension larger than 1/4 inch (6.4 mm) shall be provided with corrosion-resistant wire cloth screening, hardware cloth, or similar material with openings having a least dimension of 1/16 inch (1.6 mm) minimum and 1/4 inch (6.4 mm) maximum. Openings in roof framing members shall conform to the requirements of Section R802.7.

R806.2 Minimum area. The total net free ventilating area shall not be less than 1/150 of the area of the space ventilated except that reduction of the total area to 1/300 is permitted provided that at least 50 percent and not more than 80 percent of the required ventilating area is provided by ventilators located in the upper portion of the space to be ventilated at least 3 feet (914 mm) above the eave or cornice vents with the balance of the required ventilation provided by eave or cornice vents. As an alternative, the net free cross-ventilation area may be reduced to 1/300 when a Class I or II vapor retarder is installed on the warm-in-winter side of the ceiling.

Exceptions:
1. Enclosed attic/rafter spaces requiring less than 1 square foot (0.0929 m2) of ventilation may be vented with continuous soffit ventilation only.
2. Enclosed attic/rafter spaces over unconditioned space may be vented with continuous soffit vent only.

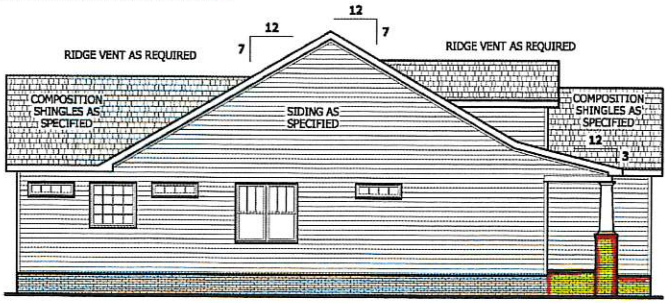
SQUARE FOOTAGE OF ROOF TO BE VENTED = 2,192 SQ.FT.
NET FREE CROSS VENTILATION NEEDED:
WITHOUT 50% TO 80% OF VENTING 3'-0" ABOVE EAVE = 14.61 SQ.FT.
WITH 50% TO 80% OF VENTING 3'-0" ABOVE EAVE; OR WITH CLASS I OR II VAPOR RETARDER ON WARM-IN-WINTER SIDE OF CEILING = 7.31 SQ.FT.

AIR LEAKAGE

Section N1102.4
N1102.4.1 Building thermal envelope. The building thermal envelope shall be durably sealed with an air barrier system to limit infiltration. The sealing methods between dissimilar materials shall allow for differential expansion and contraction. For all homes, where present, the following shall be caulked, gasketed, weather stripped or otherwise sealed with an air barrier material or solid material consistent with Appendix E2.4 of this code:
1. Blocking and sealing floor/ceiling systems and under knee walls open to unconditioned or exterior spaces.
2. Capping and sealing shafts or chasses, including five shafts.
3. Capping and sealing soffits or dropped ceiling areas.

GUARD RAIL NOTES

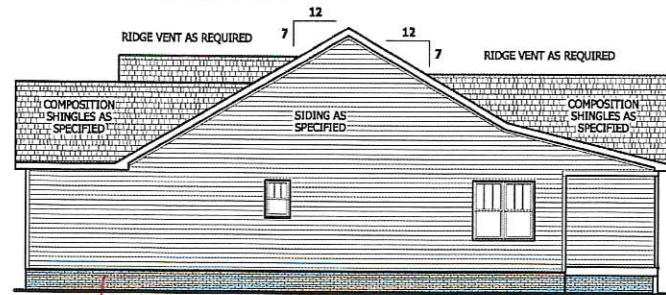
SECTION R312
R312.1 Where required. Guards shall be located along open-sided walking surfaces, including stairs, ramps and landings, that are located more than 30 inches (762 mm) measured vertically to the floor or grade below at any point within 36 inches (914 mm) horizontally to the edge of the open side. Insect screening shall not be considered as a guard.
R312.2 Height. Required guards at open-sided walking surfaces, including stairs, porches, balconies or landings, shall be not less than 36 inches (914 mm) high measured vertically above the adjacent walking surface, adjacent fixed seating or the line connecting the leading edges of the treads.
Exceptions:
1. Guards on the open sides of stairs shall have a height not less than 34 inches (864 mm) measured vertically from a line connecting the leading edges of the treads.
2. Where the top of the guard also serves as a handrail on the open sides of stairs, the top of the guard shall not be less than 34 inches (864 mm) and not more than 38 inches (965 mm) measured vertically from a line connecting the leading edges of the treads.
R312.3 Opening limitations. Required guards shall not have openings from the walking surface to the required guard height which allow passage of a sphere 4 inches (102 mm) in diameter.
Exceptions:
1. The triangular openings at the open side of a stair, formed by the riser, tread and bottom rail of a guard, shall not allow passage of a sphere 6 inches (153 mm) in diameter.
2. Guards on the open sides of stairs shall not have openings which allow passage of a sphere 4 3/8 inches (111 mm) in diameter.



LEFT SIDE ELEVATION
SCALE 1/8" = 1'-0"



REAR ELEVATION
SCALE 1/8" = 1'-0"



RIGHT SIDE ELEVATION
SCALE 1/8" = 1'-0"

PROVIDER MUST VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE CONSTRUCTION BEGINS. HAYNES HOME PLANS, INC. ASSUMES NO LIABILITY FOR CONTRACTORS PRACTICES AND PROCEDURES. CODES AND CONDITIONS MAY VARY WITH LOCALITY. A LOCAL DESIGNER, ARCHITECT OR ENGINEER SHOULD BE CONSULTED BEFORE CONSTRUCTION. THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND AS SUCH SHALL REMAIN THE PROPERTY OF THE DESIGNER.

ELEVATION - A
Lindsay 1553

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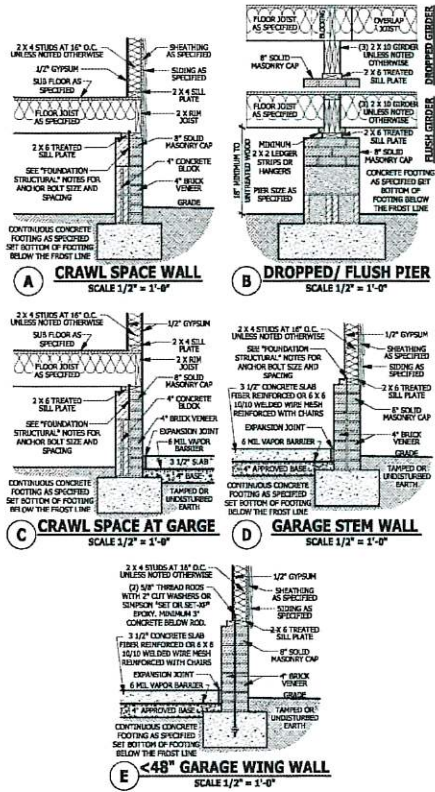
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SQUARE FOOTAGE

HEATED FIRST FLOOR TOTAL	1553 SQ.FT.
UNHEATED GARAGE	419 SQ.FT.
FRONT PORCH	103 SQ.FT.
FRONT PORCH EXT	66 SQ.FT.
REAR PORCH	117 SQ.FT.
TOTAL	705 SQ.FT.

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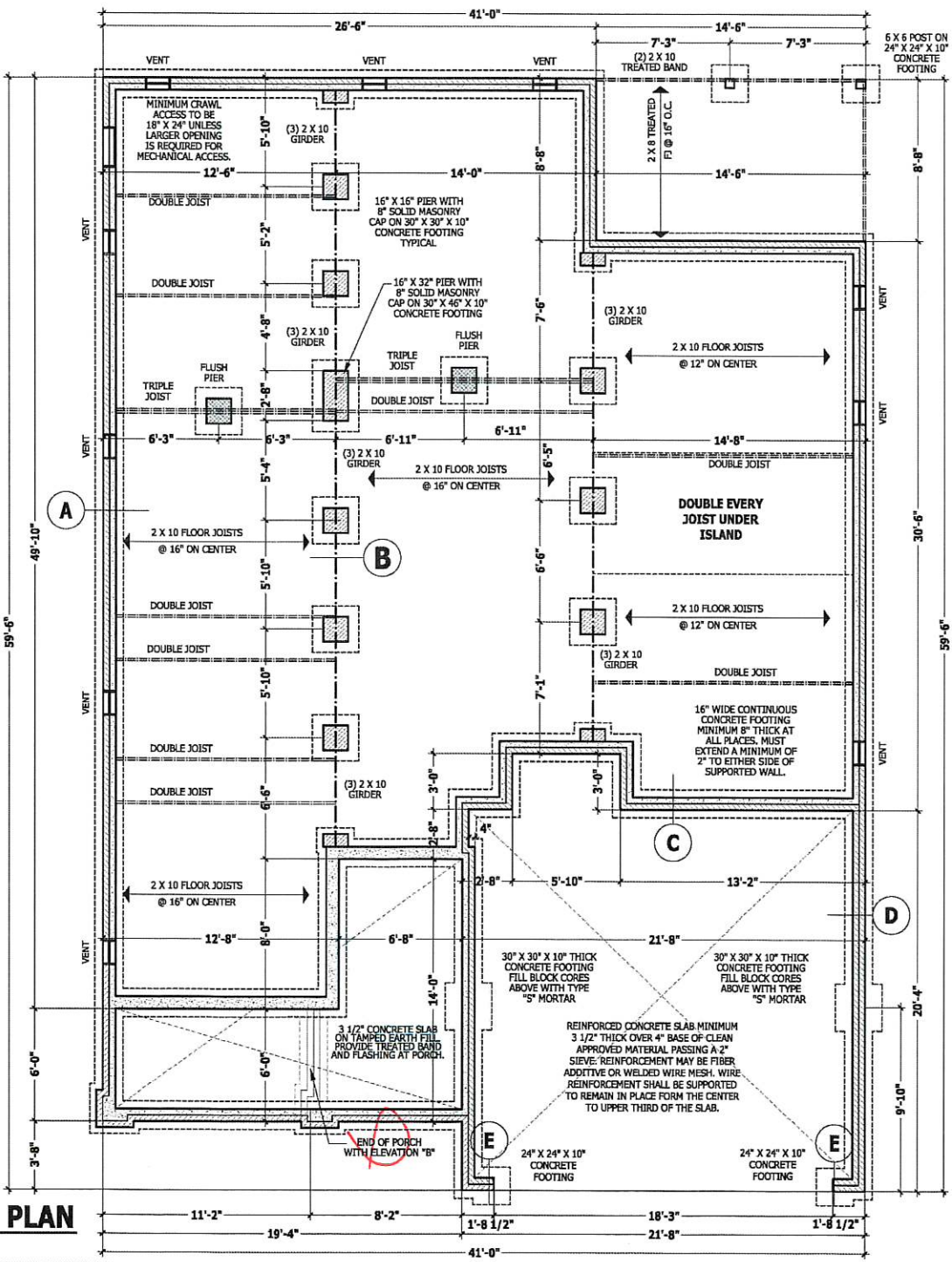
FOUNDATION STRUCTURAL

115 to 130 mph wind zone (1 1/2 to 2 1/2 story)
 CONTINUOUS FOOTING: 16" wide and 8" thick minimum. 20" wide minimum at brick veneer. Must extend 2" to other side of supported wall.
 GIRDERS: (3) 2 X 10 girder unless noted otherwise.
 PIERS: 16" X 16" piers with 8" solid masonry cap on 30" X 30" X 10" concrete footing with maximum pier height of 64" with hollow masonry and 16" with solid masonry.
 POINT LOADS: ■ designates significant point load and should have solid blocking to pier, girder or foundation wall.
 115 and 120 MPH ANCHORS BOLTS: 1/2" diameter anchor bolts embedded minimum 7", maximum 6'-0" on center, within 12" of plate ends, and minimum two anchor bolts per plate.
 130 MPH ANCHORS BOLTS: 1/2" diameter anchor bolts embedded minimum 15", maximum 4'-0" on center, within 12" of plate ends, and minimum two anchor bolts per plate.
 CONCRETE: Concrete shall have a minimum 28 day strength of 3000 psi and a maximum 5" slump. Air entrained per table 402.2. All concrete shall be in accordance with ACI standards. All samples for pumping shall be taken from the exit end of the pump.
 SOILS: Allowable soil bearing pressure assumed to be 2000 PSF. The contractor must contact a geotechnical engineer and a structural engineer if unsatisfactory subsurface conditions are encountered. The surface area adjacent to the foundation wall shall be provided with adequate drainage, and shall be graded so as to drain surface water away from foundation walls.

WALL VENTED CRAWL SPACES

UNDER-FLOOR SPACE (SECTION R408)
 SQUARE FOOTAGE OF FOUNDATION TO BE VENTED = 1,462 SQ.FT.
 WITHOUT CROSS VENTILATION AREA OF VENTING NEEDED = 9.75 SQ.FT.
 WITH CROSS VENTILATION AREA OF VENTING NEEDED = 0.975 SQ.FT.
 NOTE: NUMBER OF VENTS NEED WILL VARY DEPENDING ON VENTS USED AND CROSS VENTILATION.

CRAWL SPACE PLAN
 SCALE 1/4" = 1'-0"



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CRAWL SPACE PLAN
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SQUARE FOOTAGE

FIRST FLOOR	1581 SQ.FT.
SECOND FLOOR	1581 SQ.FT.
UNHEATED	1581 SQ.FT.
CLIMATE	1581 SQ.FT.
PERIMETER	1581 SQ.FT.
PERIMETER DET	1581 SQ.FT.
REAR PORCH	1581 SQ.FT.
TOTAL	7626 SQ.FT.

Separate
vanities

ATTIC ACCESS

SECTION R807
R807.1 Attic access. An attic access opening shall be provided to attic areas that exceed 400 square feet (37.16 m²) and have a vertical height of 60 inches (1524 mm) or greater. The net clear opening shall not be less than 20 inches by 30 inches (508 mm by 762 mm) and shall be located in a hallway or other readily accessible location. A 30-inch (762 mm) minimum unobstructed headroom in the attic space shall be provided at some point above the access opening. See Section M1305.1.3 for access requirements where mechanical equipment is located in attics.
Exceptions:
 1. Concealed areas not located over the main structure including porches, areas behind knee walls, dormers, bay windows, etc. are not required to have access.
 2. Pull down stair brads, stringers, handrails, and hardware may protrude into the net clear opening.

DWELLING / GARAGE SEPARATION

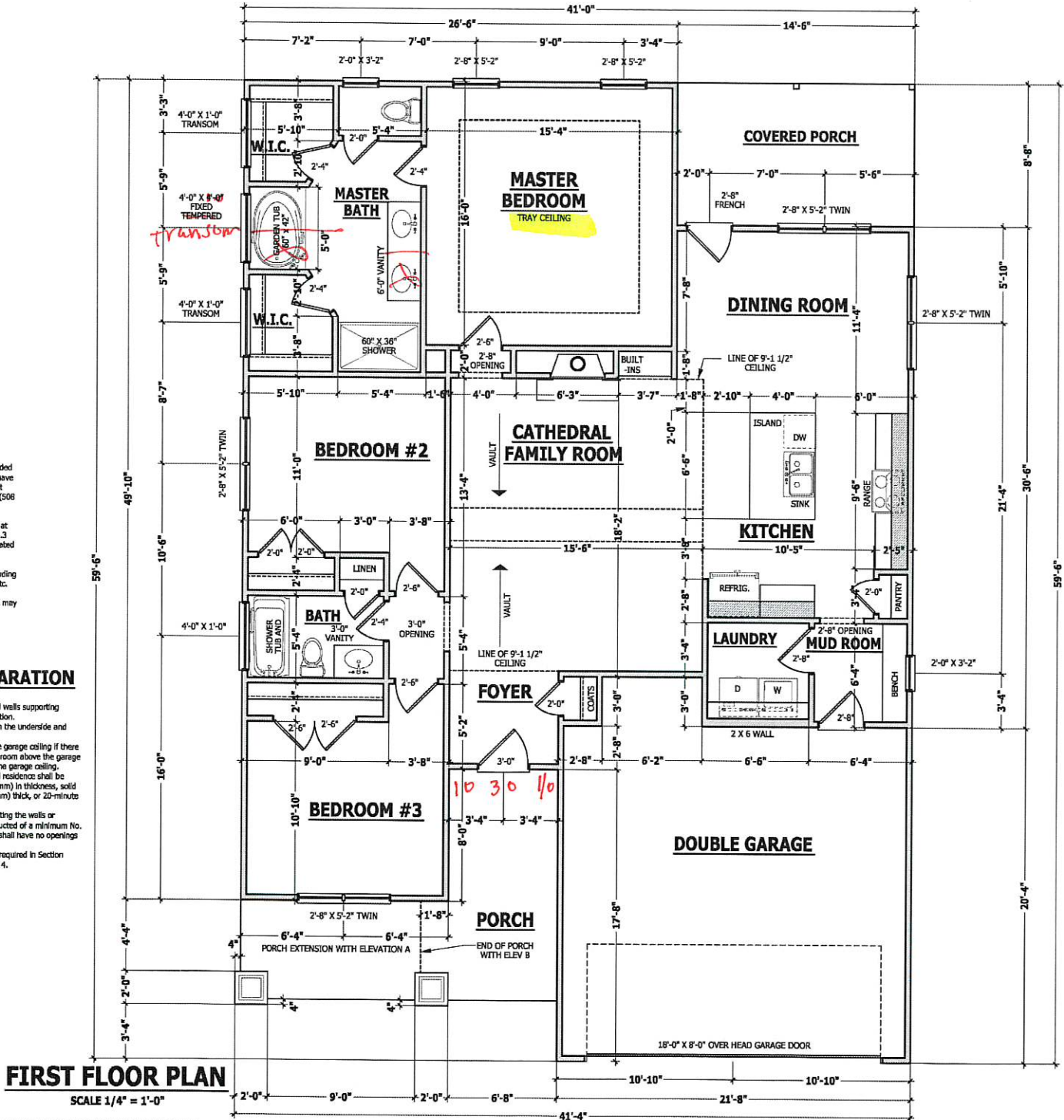
REFER TO SECTIONS R302.5, R302.6, AND R302.7
WALLS. A minimum 1/2" gypsum board must be installed on all walls supporting floor/ceiling assemblies used for separation required by this section.
STAIRS. A minimum of 1/2" gypsum board must be installed on the underside and exposed sides of all stairways.
CEILING. A minimum of 1/2" gypsum must be installed on the garage ceiling if there are no habitable rooms above the garage. If there are habitable rooms above the garage a minimum of 5/8" type X gypsum board must be installed on the garage ceiling.
OPENING PENETRATIONS. Openings between the garage and residence shall be equipped with solid wood doors not less than 1 3/8 inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 1 3/8 inches (35 mm) thick, or 20-minute fire-rated doors.
DUCT PENETRATIONS. Ducts in the garage and ducts penetrating the walls or ceilings separating the dwelling from the garage shall be constructed of a minimum No. 26 gage (0.48 mm) sheet steel or other approved material and shall have no openings into the garage.
OTHER PENETRATIONS. Penetrations through the separation required in Section R302.6 shall be protected as required by Section R302.11, Item 4.

SQUARE FOOTAGE

HEATED	
FIRST FLOOR	1553 SQ.FT.
TOTAL	1553 SQ.FT.
UNHEATED	
GARAGE	418 SQ.FT.
FRONT PORCH	103 SQ.FT.
FRONT PORCH EXT	66 SQ.FT.
REAR PORCH	117 SQ.FT.
TOTAL	705 SQ.FT.

FIRST FLOOR PLAN

SCALE 1/4" = 1'-0"



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FIRST FLOOR PLAN
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SQUARE FOOTAGE	
HEATED	1553 SQ.FT.
UNHEATED	705 SQ.FT.
TOTAL	2258 SQ.FT.
UNHEATED	
GARAGE	418 SQ.FT.
FRONT PORCH	103 SQ.FT.
FRONT PORCH EXT	66 SQ.FT.
REAR PORCH	117 SQ.FT.
TOTAL	705 SQ.FT.

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STRUCTURAL NOTES

All construction shall conform to the latest requirements of the 2018 North Carolina Residential Building Code, plus all local codes and regulations. This document in no way shall be construed to supersede the code.

JOB SITE PRACTICES AND SAFETY: Haynes Home Plans, Inc. assumes no liability for contractors practices and procedures or safety program. Haynes Home Plans, Inc. takes no responsibility for the contractor's failure to carry out the construction work in accordance with the contract documents. All members shall be framed, anchored, and braced in accordance with good construction practice and the building code.

DESIGN LOADS	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLECTION (LL)
Attics without storage	10	10	L/240
Attics with limited storage	20	10	L/360
Attics with fixed stairs	40	10	L/360
Balconies and decks	40	10	L/360
Fire escapes	40	10	L/360
Guardrails and handrails	200	--	--
Guardrail In-fill components	50	--	--
Passenger vehicle garages	50	10	L/360
Rooms other than sleeping	40	10	L/360
Sleeping rooms	30	10	L/360
Stairs	40	10	L/360
Snow	20	--	--

FRAMING LUMBER: All non treated framing lumber shall be SPF #2 (Fb = 875 PSI) or SYP #2 (Fb = 750 PSI) and all treated lumber shall be SYP #2 (Fb = 750 PSI) unless noted other wise.

ENGINEERED WOOD MEMBERS:
 Laminated veneer lumber (LVL) F=2600 PSI, E=1,800,000 PSI
 Parallel strand lumber (PSL) F=2800 PSI, E=2,000,000 PSI
 Laminated strand lumber (LSL) F=2220 PSI, E=1,550,000 PSI
 Install all connections per manufacturers instructions.

TRUSS AND I-JOIST MEMBERS: All roof truss and I-joint layouts shall be prepared in accordance with this document. Trusses and I-joists shall be installed according to the manufacturer's specifications. Any change in truss or I-joint layout shall be coordinated with Haynes Homes Plans, Inc.

LINTELS: Brick lintels shall be 3 1/2" x 3 1/2" x 1/4" steel angle for up to 6'-0" span, 6" x 4" x 5/16" steel angle with 6" leg vertical for spans up to 9'-0" unless noted otherwise. 3 1/2" x 3 1/2" x 1/4" steel angle with 1/2" bolts at 2'-0" on center for spans up to 18'-0" unless noted otherwise.

FLOOR SHEATHING: OSB or CDX floor sheathing minimum 1/2" thick for 16" on center joist spacing, minimum 5/8" thick for 18" on center joist spacing, and minimum 3/4" thick for 24" on center joist spacing.

ROOF SHEATHING: OSB or CDX roof sheathing minimum 3/8" thick for 16" on center rafters and 7/16" for 24" on center rafters.
CONCRETE AND SOILS: See foundation notes.

ROOF TRUSS REQUIREMENTS

TRUSS DESIGN: Trusses to be designed and engineered in accordance with these drawings. Any variation with these drawings must be brought to Haynes Home Plans, Inc. attention before construction begins.

ANCHORAGE: All required anchors for trusses due to uplift or bearing shall meet the requirements as specified on the truss schematics.

BEARING: All trusses shall be designed for bearing on SPF #2 plates or ledgers unless noted otherwise.

EXTERIOR HEADERS

(2) 2 X 6 WITH 1 JACK STUD EACH END UNLESS NOTED OTHERWISE
 - KING STUDS EACH END PER TABLE BELOW

HEADER SPAN	< 3'	3'-4'	4'-6'	6'-12'	12'-16'
KING STUD(S)	1	2	3	5	6

INTERIOR HEADERS

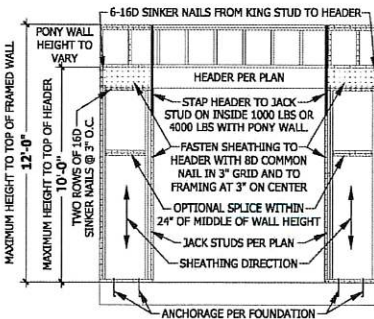
- LOAD BEARING HEADERS (2) 2 X 6 WITH 1 JACK STUD AND 1 KING STUD EACH END UNLESS NOTED OTHERWISE
 - NON LOAD BEARING HEADERS TO BE LADDER FRAMED

BRACE WALL PANEL NOTES

EXTERIOR WALLS: All exterior walls to be sheathed with CS-WSP or CS-SFB in accordance with section R602.10.3 unless noted otherwise.

GYPSUM: All interior sides of exterior walls and both sides interior walls to have 1/2" gypsum installed. When not using method GB gypsum to be fastened per table R702.3.5. Method GB to be fastened per table R602.10.1.
REQUIRED LENGTH OF BRACING: Required brace wall length for each side of the circumscribed rectangle are interpolated per table R602.10.3. Methods CS-WSP and CS-SFB contribute their actual length. Method GB contributes 0.5 its actual length. Method PF contributes 1.5 times its actual length.
 HD: 800 lbs hold down hold down device fastened to the edge of the brace wall panel closets to the corner.

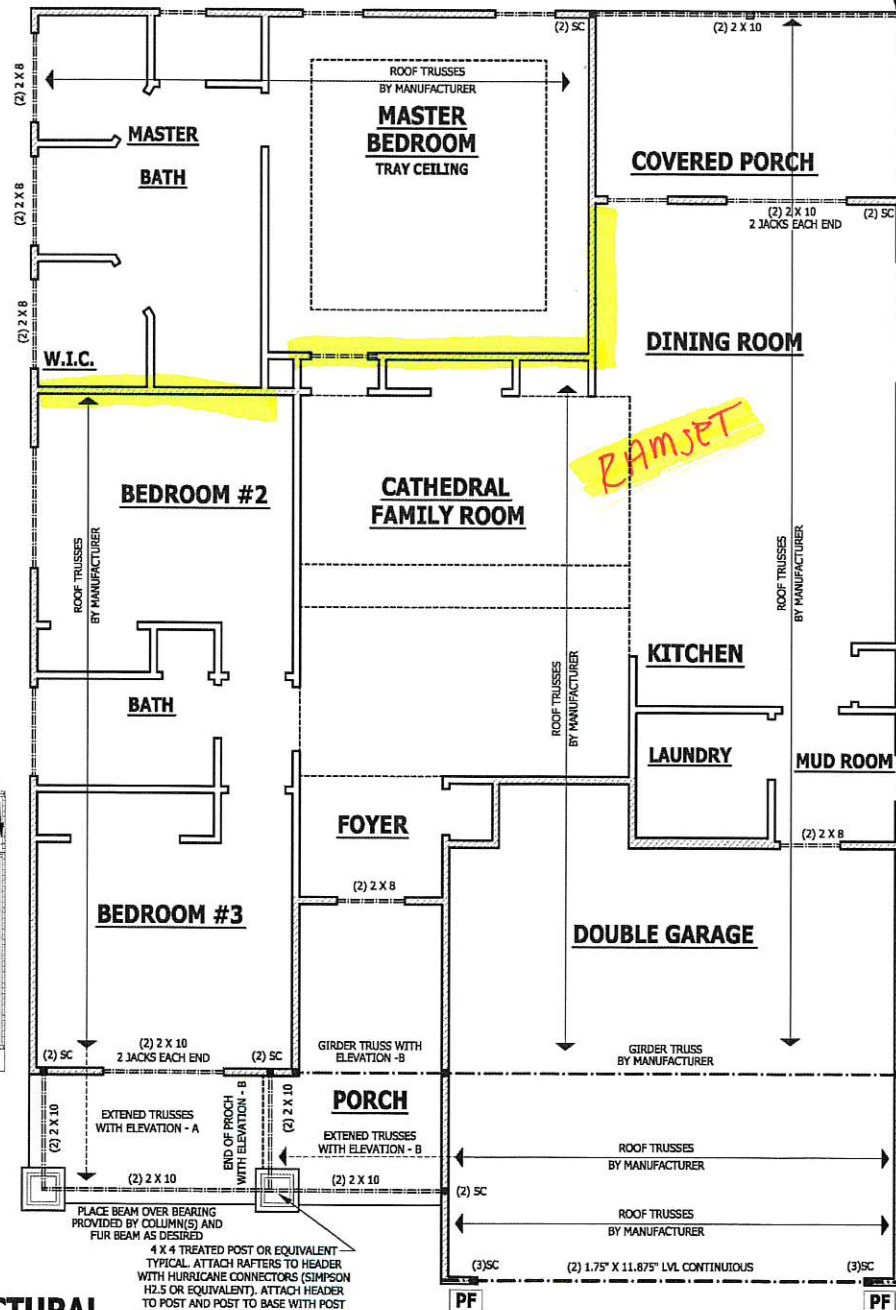
Methods Per Table R602.10.1
CS-WSP: Shall be minimum 3/8" OSB or CDX nailed at 6" on center at edges and 12" on center at intermediate supports with 6d common nails or 6d(2 1/2" long x 0.113" diameter).
CS-SFB: Shall be minimum 1/2" structural fiber board nailed at 3" on center at edges and 3" on center at intermediate supports with 1 1/2" long x 0.12" diameter galvanized roofing nails.
GB: Interior walls show as GB are to have minimum 1/2" gypsum board on both sides of the wall fastened at 7" on center at edges and 7" on center at intermediate supports with minimum 5d cooler nails or #6 screws.
 PF: Portal frame per figure R602.10.1.



PF PORTAL FRAME AT OPENING
 (METHOD PF PER FIGURE AND SECTION R602.10.1)
 SCALE 1/4" = 1'-0"

FIRST FLOOR STRUCTURAL

SCALE 1/4" = 1'-0"



4 X 4 TREATED POST OR EQUIVALENT TYPICAL. ATTACH RAFTERS TO HEADER WITH HURRICANE CONNECTORS (SIMPSON H2.3 OR EQUIVALENT). ATTACH HEADER TO POST AND POST TO BASE WITH POST CAP, METAL STRAPS, AND/OR POST BASE.

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FIRST FLOOR STRUCTURAL
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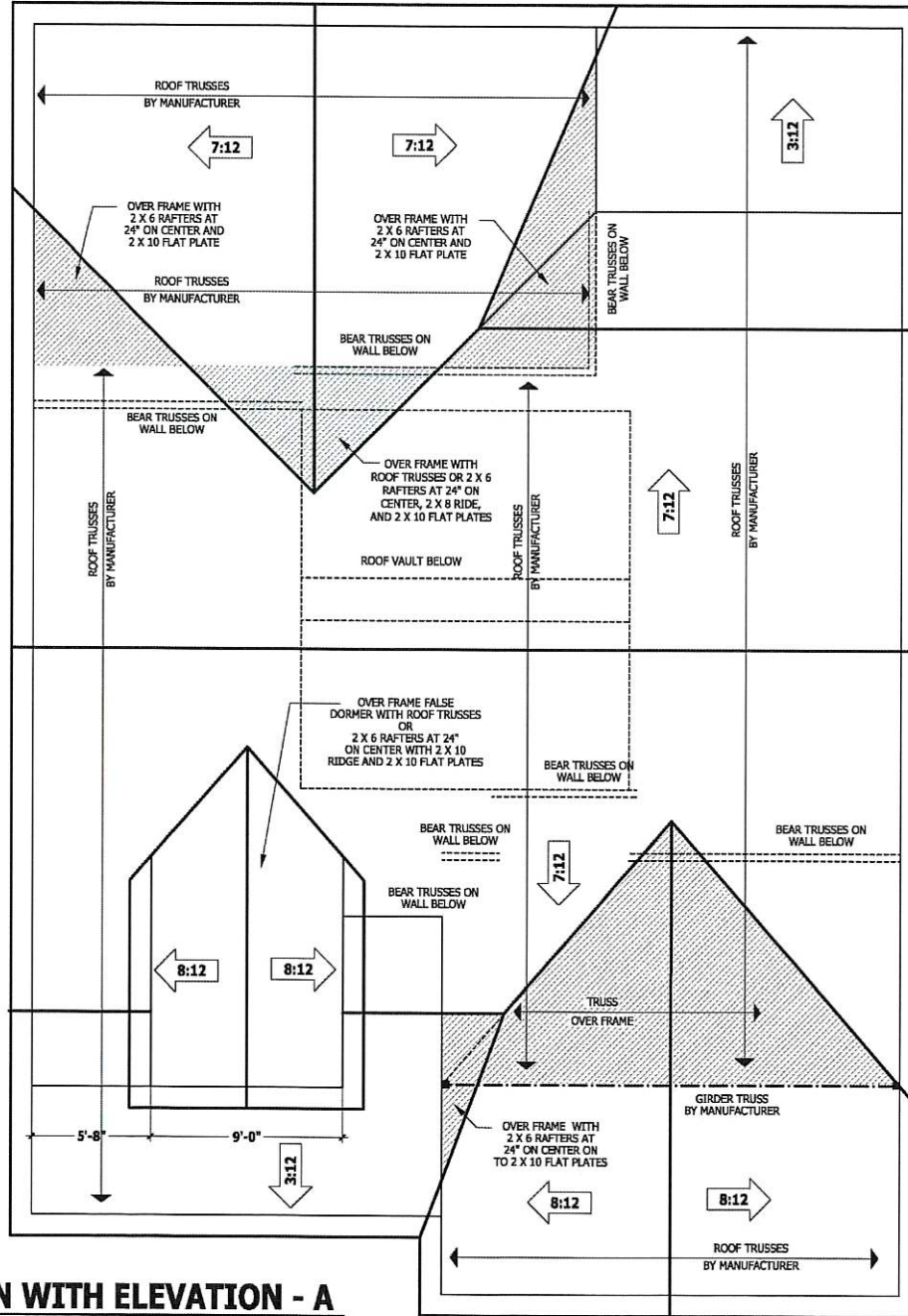
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SQUARE FOOTAGE	
HEATED	1883 SQ.FT.
COOLING	1883 SQ.FT.
UNHEATED	1883 SQ.FT.
SCREENED PORCH	60 SQ.FT.
REAR PORCH DET	110 SQ.FT.
TOTAL	765 SQ.FT.

ROOF TRUSS REQUIREMENTS

TRUSS DESIGN. Trusses to be designed and engineered in accordance with these drawings. Any variation with these drawings must be brought to Haynes Home Plans, Inc. attention before construction begins.
ANCHORAGE. All required anchors for trusses due to uplift or bearing shall meet the requirements as specified on the truss schematics.
BEARING. All trusses shall be designed for bearing on SPF #2 plates or ledgers unless noted otherwise.



ROOF PLAN WITH ELEVATION - A

SCALE 1/4" = 1'-0"

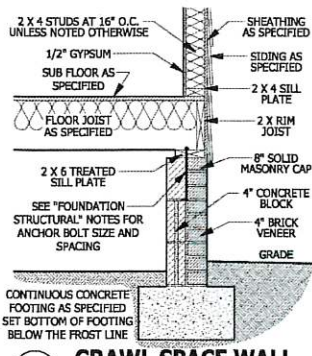
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ROOF PLAN WITH ELEVATION - A
Lindsay 1553

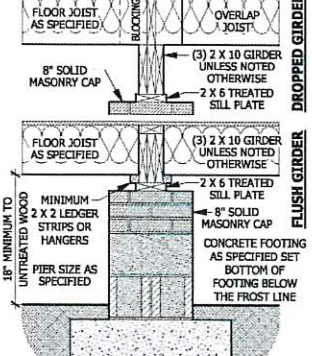
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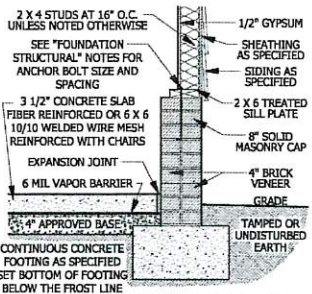
SQUARE FOOTAGE	
HEATED	
FIRST FLOOR	1383 SQ. FT.
SECOND FLOOR	1383 SQ. FT.
UNHEATED	
SCREENED PORCH	631 SQ. FT.
FRONT PORCH DET.	762 SQ. FT.
REAR PORCH	762 SQ. FT.
TOTAL	3681 SQ. FT.



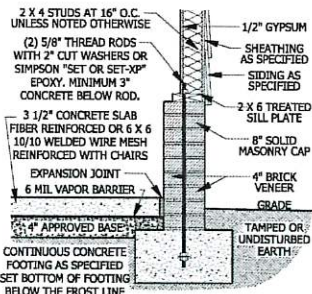
A CRAWL SPACE WALL
SCALE 3/4" = 1'-0"



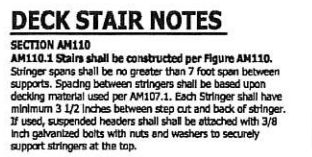
B DROPPED/ FLUSH PIER
SCALE 3/4" = 1'-0"



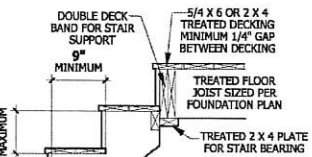
C GARAGE STEM WALL
SCALE 3/4" = 1'-0"



D <48\"/> GARAGE WING WALL
SCALE 3/4" = 1'-0"



E DECK STAIR NOTES



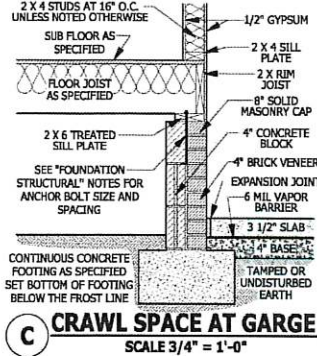
F FILLED PORCH SECTION WITH VENT
SCALE 1/2" = 1'-0"



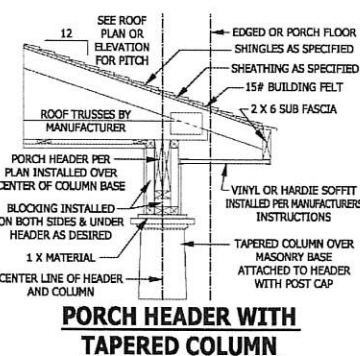
G DECK ATTACHMENT
SCALE 1/2" = 1'-0"



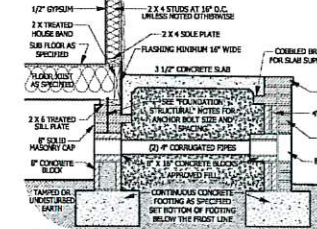
H WEEP SCREEN
SCALE 3/4" = 1'-0"



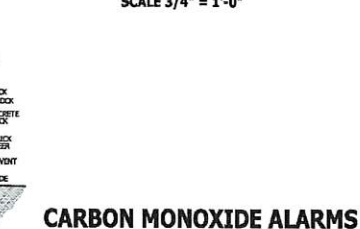
I CRAWL SPACE AT GARGE
SCALE 3/4" = 1'-0"



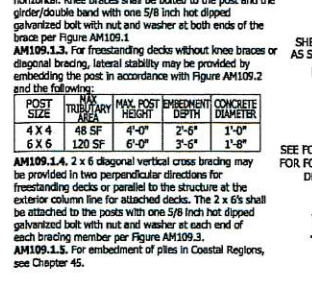
J PORCH HEADER WITH TAPERED COLUMN
SCALE 3/4" = 1'-0"



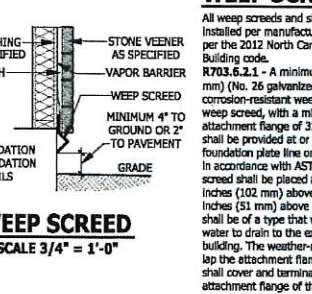
K FILLED PORCH SECTION WITH VENT
SCALE 1/2" = 1'-0"



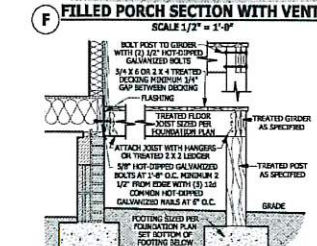
L TYPICAL WALL DETAIL
SCALE 3/4" = 1'-0"



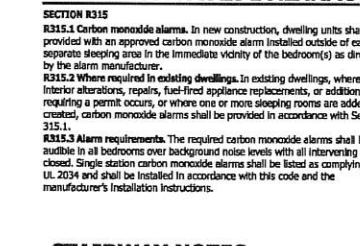
M DECK BRACING



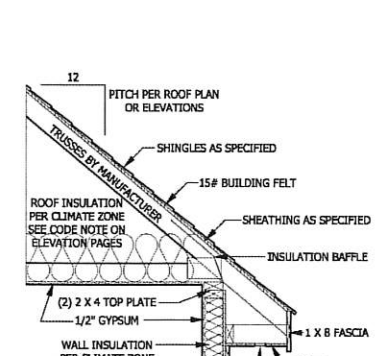
N SMOKE ALARMS



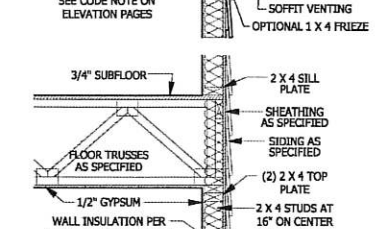
O CARBON MONOXIDE ALARMS



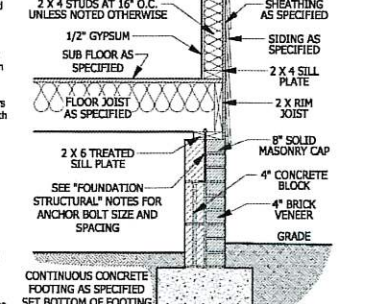
P STAIRWAY NOTES



Q TYPICAL WALL DETAIL
SCALE 3/4" = 1'-0"



R TYPICAL WALL DETAIL
SCALE 3/4" = 1'-0"



S TYPICAL STAIR DETAIL
SCALE 1/4" = 1'-0"

PURCHASER MUST VERIFY ALL UNDERLAYS AND CONDITIONS BEFORE CONSTRUCTION BEGINS.
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 CODES AND CONDITIONS MAY VARY WITH LOCALITY. A LOCAL RESPONDER, ARCHITECT OR ENGINEER SHOULD BE CONSULTED BEFORE CONSTRUCTION.
 THESE DRAWING ARE INSTRUMENTS OF SERVICE AND AS SUCH SHALL REMAIN THE PROPERTY OF THE DESIGNER.

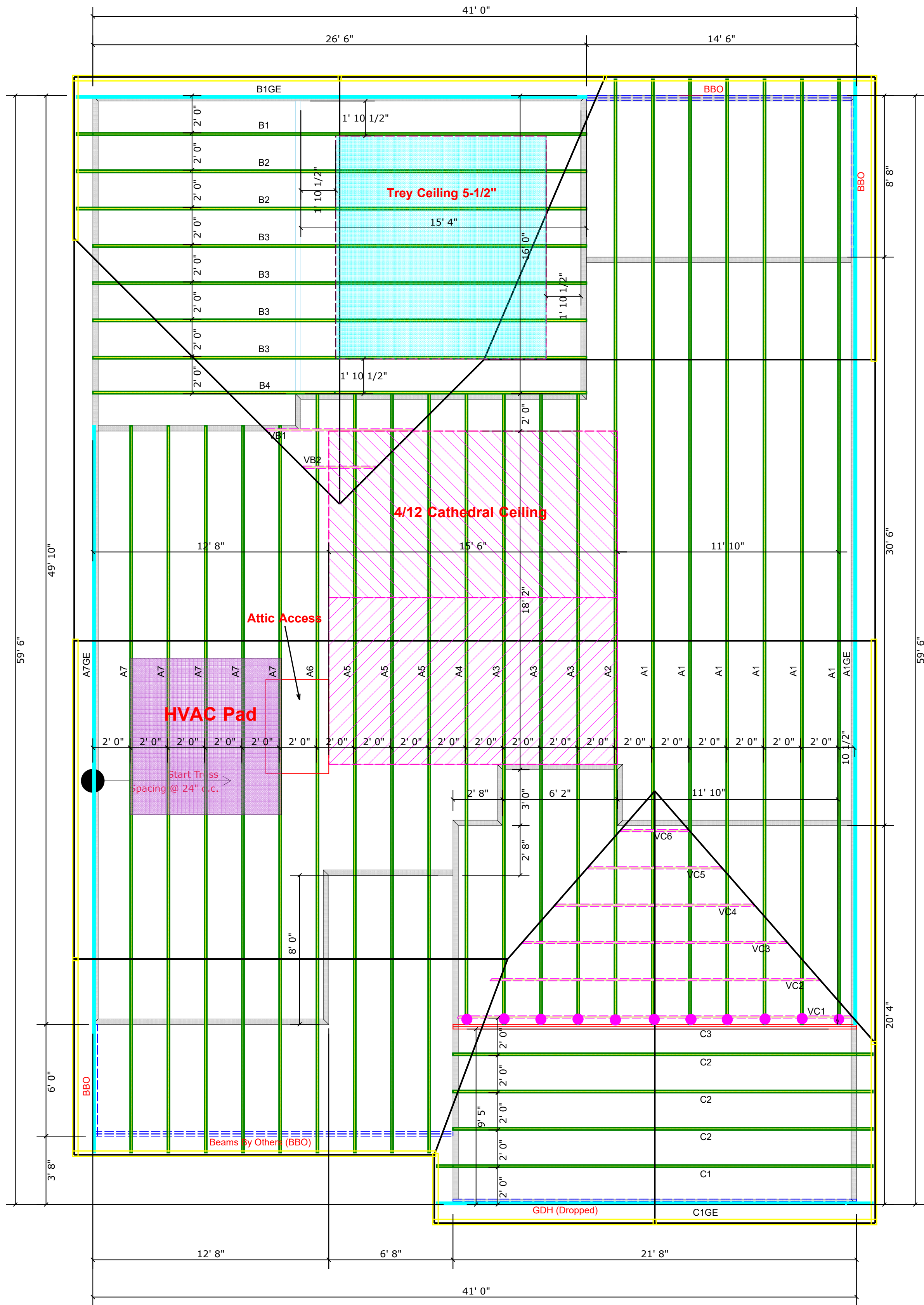
TYPICAL DETAILS
Lindsay 1553

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SQUARE FOOTAGE		HEATED FLOOR	UNHEATED GARAGE	POST PORCH	ROOF PORCH	TOTAL FLOOR
4 X 4	48 SF	4'-0"	2'-6"	1'-0"	1'-0"	55 SF
6 X 6	120 SF	6'-0"	3'-6"	1'-0"	1'-0"	135 SF

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5/12/2020
200505B
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Truss Placement Plan
SCALE: 1/4" = 1'-0"

● = Hanger / HUS 26

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.

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

Products				
PlotID	Length	Product	Plies	Net Qty
GDH (Dropped)	22' 0"	1-3/4"x 14" LVL Kerto-S	2	2

LOAD CHART FOR JACK STUDS
 (BASED ON TABLES R502.5(1) & (2))
 NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADS/CORNER

END REACTION (UP TO) = 500 LBS. PER STUD	END REACTION (UP TO) = 1000 LBS. PER STUD	END REACTION (UP TO) = 1500 LBS. PER STUD
1700	2550	3400
3400	5100	6800
5100	7650	10200
6800	10200	13600
8500	12750	17000
10200	15300	
11900		
13600		
15300		

BUILDER	Weaver Development Co. Inc.	CITY / CO.	Harnett Co. / Harnet
JOB NAME	Lot 1-R Adcock Farm	ADDRESS	Lot 1-R Adcock Farm
PLAN	Lindsay 1553 A (200505B)	MODEL	Roof
SEAL DATE	Seal Date	DATE REV.	5/27/2020
QUOTE #		DRAWN BY	Lenny Norris
JOB #	J0520-2114	SALES REP.	Lenny Norris

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

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: Lenny Norris
Lenny Norris

comTECH

ROOF & FLOOR TRUSSES & BEAMS

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