

PLANS DESIGNED TO THE 2018 NORTH CAROLINA STATE RESIDENTIAL BUILDING CODE

MEAN ROOF HEIGHT: 18'-10"
HEIGHT TO RIDGE: 25'-6"

CLIMATE ZONE	ZONE 3A	ZONE 4A	ZONE 5A
FENESTRATION U-FACTOR	0.35	0.35	0.35
SKYLIGHT U-FACTOR	0.55	0.55	0.55
GLAZED FENESTRATION SHGC	0.30	0.30	0.30
CEILING R-VALUE	38 or 30ci	38 or 30ci	38 or 30ci
FLOOR R-VALUE	19	19	19
BASEMENT WALL R-VALUE	5/13	5/13	5/13
CLAB R-VALUE	0	0	0
CRAWL SPACE WALL R-VALUE	5/13	5/13	5/13

MEAN ROOF	UP TO 30'	30'-1" TO 35'	35'-1" TO 40'	40'-1" TO 45'
ZONE 1	14.2	14.9	15.5	16.4
ZONE 2	14.2	14.9	15.5	16.4
ZONE 3	14.2	14.9	15.5	16.4
ZONE 4	15.5	16.0	16.3	16.8
ZONE 5	15.5	16.0	16.3	16.8

DESIGNED FOR WIND SPEED OF 120 MPH, 3 SECOND GUST FOR 99 FASTEST WIND EXPOSURE "B"

FOOTING INSULATION DEPTH WITH SLAB 24" OR TO BOTTOM OF FOUNDATION WALL

ROOF VENTILATION

SECTION R806.1 Ventilation required. Enclosed attics and enclosed rafter spaces

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 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 ventilation 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 = 2,253 SQ.FT.

NET FREE CROSS VENTILATION NEEDED:

WITHOUT 50% TO 80% OF VENTING 3'-0" ABOVE EAVE = 15.02 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 = 7.51 SQ.FT.

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 not 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 43/8 inches (111 mm) in diameter.

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, weatherstripped or otherwise sealed with an air barrier material or solid material consistent with Appendix E-2.4 of this code:

1. Blocking and sealing floor/ceiling systems and under knee walls open to unconditioned or exterior space.

2. Capping and sealing shafts or chases, including flue shafts.

3. Capping and sealing soffit or dropped ceiling areas.

FRONT ELEVATION

SCALE 1/4" = 1'-0"



SQUARE FOOTAGE

HEATED

TOTAL 1608 SQ.FT.

FIRST FLOOR 1608 SQ.FT.

UNHEATED

TOTAL 110 SQ.FT.

FRONT PORCH 484 SQ.FT.

GARAGE 51 SQ.FT.

REAR PORCH 645 SQ.FT.

TOP OF PLATE

WINDOW HEIGHT 7'-6"

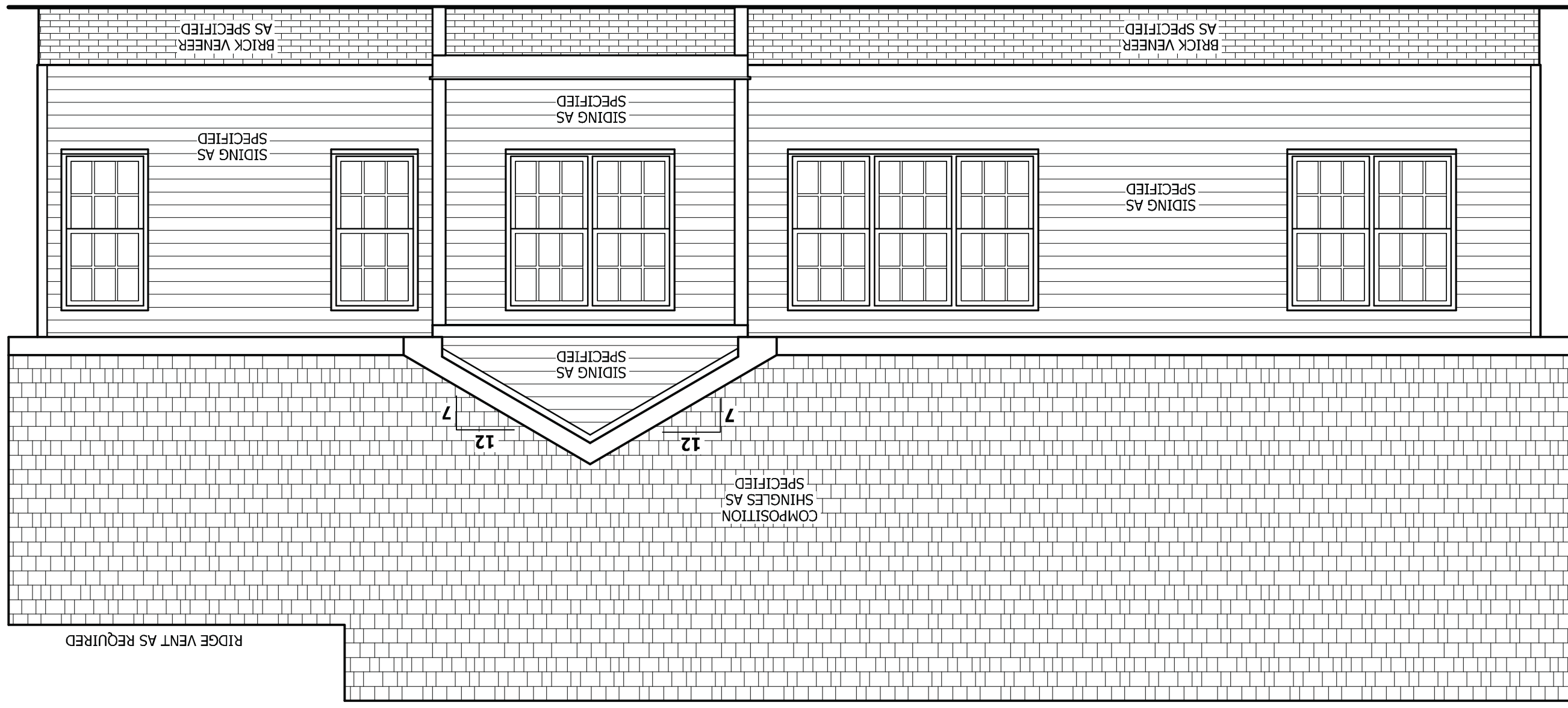
9'-1 1/2"

FIRST FLOOR PLATE HEIGHT

SUB FLOOR

REAR ELEVATION

SCALE 1/4" = 1'-0"



TOP OF PLATE

WINDOW HEIGHT 7'-6"

9'-1 1/2"

FIRST FLOOR PLATE HEIGHT

SUB FLOOR



SQUARE FOOTAGE

HEATED

TOTAL 1608 SQ.FT.

FIRST FLOOR 1608 SQ.FT.

UNHEATED

TOTAL 110 SQ.FT.

FRONT PORCH 484 SQ.FT.

GARAGE 51 SQ.FT.

REAR PORCH 645 SQ.FT.

HAYNES

HOME PLANS, INC.

P.O. Box 102, White Forest, NC 27888 919-435-6180 Fax: 1-866-491-0096

On Top Building Company, LLC

2393 Twin Acres Road

Clayton, NC

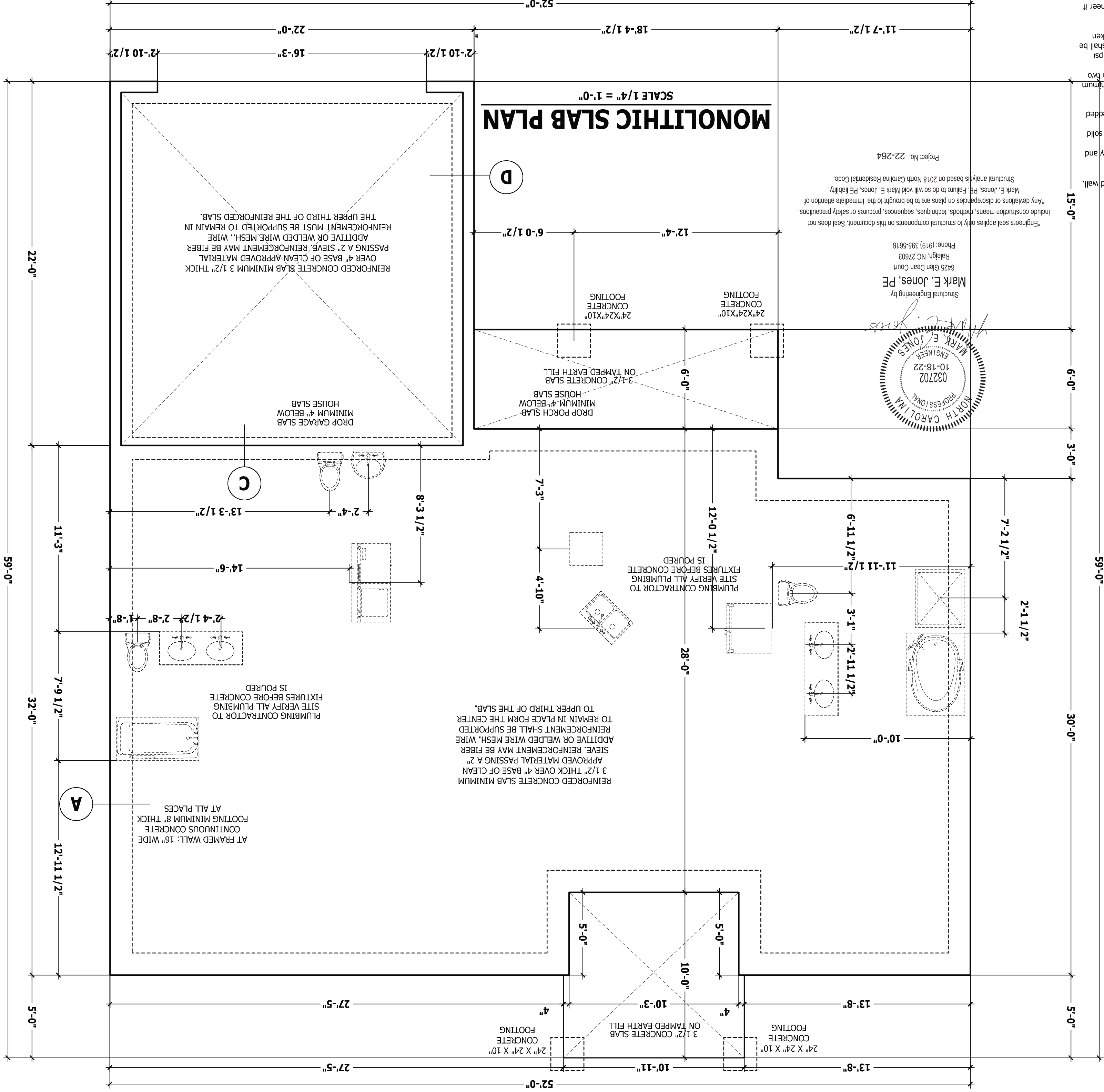
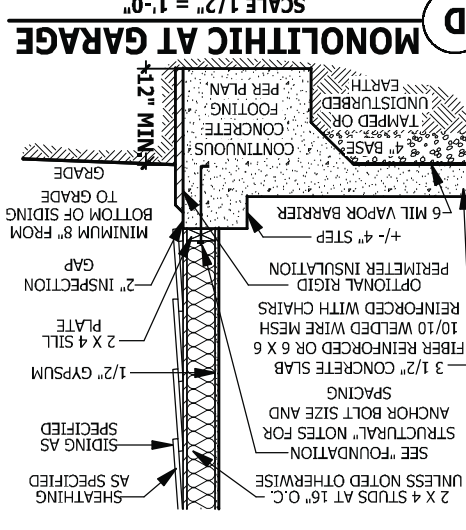
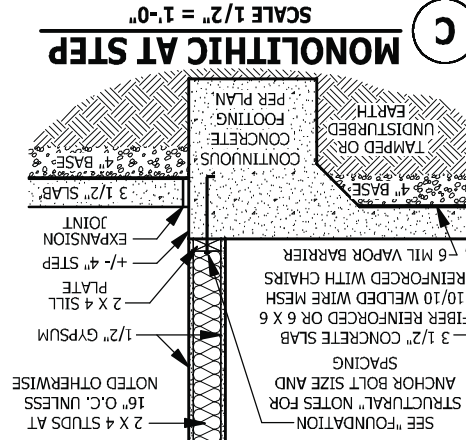
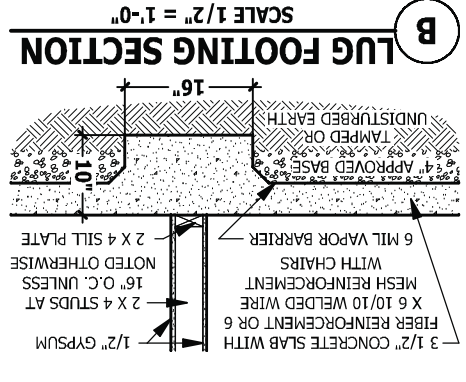
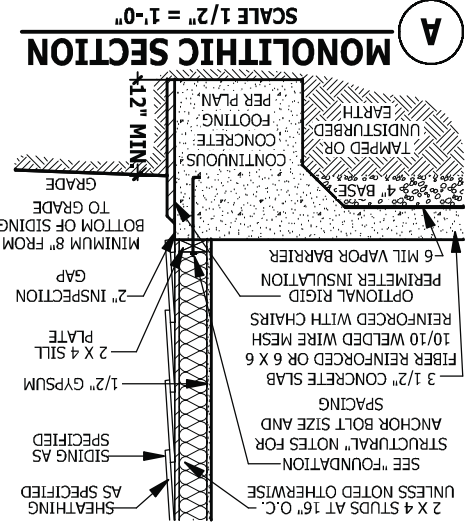
FRONT & REAR ELEVATIONS

Amherst

PURCHASER 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 LOCAL, A LOCAL DESIGNER, ARCHITECT OR ENGINEER SHOULD BE CONSULTED BEFORE CONSTRUCTION. THESE DRAWINGS ARE THE PROPERTY OF THE DESIGNER. AS SUCH SHALL REMAIN THE PROPERTY OF THE DESIGNER.

FOUNDATION STRUCTURAL

115 to 130 mph wind zone (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 either 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 6'-4" with hollow masonry and 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.



Structural Engineering by:
Mark E. Jones, PE
 6425 Glen Dean Court
 Raleigh, NC 27603
 Phone: (919) 395-5618
 Project No. 22-264

Professional Engineer Seal:
 NORTH CAROLINA
 PROFESSIONAL ENGINEER
 032702
 10-18-22
 MARK E. JONES

Any deviations or discrepancies on plans are to be brought to the immediate attention of the contractor. Methods, techniques, sequences, or safety precautions include construction means, methods, techniques, sequences, or safety precautions. Seal does not apply to structural components on this document. Seal does not apply to construction means, methods, techniques, sequences, or safety precautions.

Structural analysis based on 2018 North Carolina Residential Code.
 Mark E. Jones, PE. Failure to do so will void Mark E. Jones, PE liability.

HAYNES
 HOME PLANS, INC.
 On Top Building Company, LLC
 2393 Twin Acres Road
 Clayton, NC
 FOUNDATION PLAN
 Amherst

SQUARE FOOTAGE
 HEATED: 1608 SQ.FT.
 UNHEATED: 110 SQ.FT.
 GARAGE: 484 SQ.FT.
 REAR PORCH: 51 SQ.FT.
 TOTAL: 2253 SQ.FT.

© Copyright 2014
 Haynes Home Plans, Inc.
 1/22/2020
 200111B
 PAGE 3 OF 9

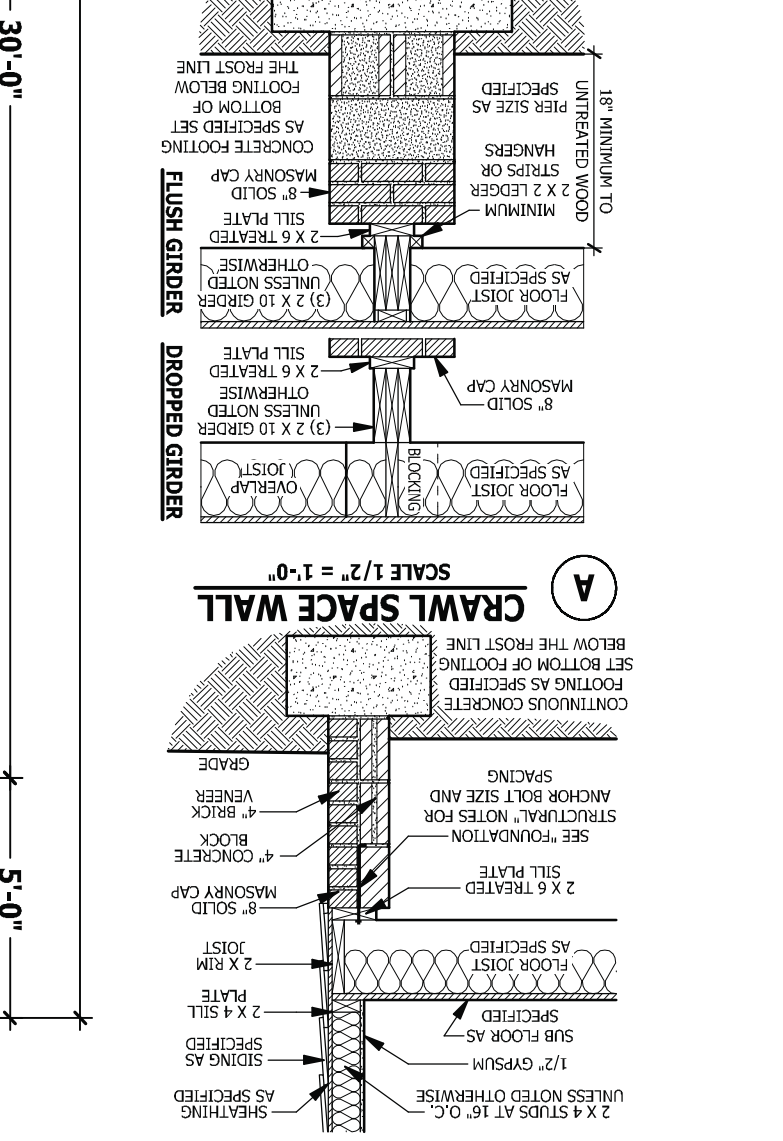
PURCHASER MUST VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE CONSTRUCTION BEGINS. HAYNES HOME PLANS, INC. ASSUMES NO LIABILITY FOR CONTRACTORS' PRACTICES AND PROCEDURES. CODES AND CONDITIONS MAY VARY WITH LOCATION. A LOCAL DESIGNER, ARCHITECT OR ENGINEER SHOULD BE CONSULTED BEFORE CONSTRUCTION. THESE DRAWINGS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

and shall be graded so as to drain surface water away from foundation walls. adjacent to the foundation wall shall be provided with adequate drainage. unobstructed surface conditions are encountered. The surface area contractor must contact a geotechnical engineer and a structural engineer if

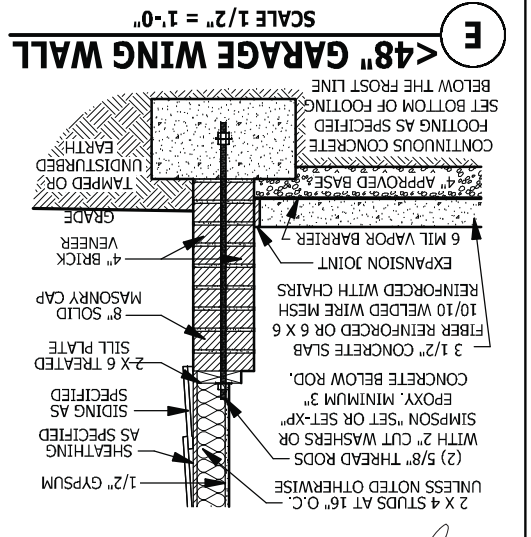
SOILS: Allowable soil bearing pressure assumed to be 2000 PSF. The contractor must contact a geotechnical engineer and a structural engineer if in accordance with ACI standards. All samples for pumping shall be taken from the exit end of the pump.
CONCRETE: Concrete shall have a minimum 28 day strength of 3000 psi and a maximum 5" slump. Air entrained per table 402.2. All concrete shall be placed in accordance with ACI standards. All samples for pumping shall be taken from the exit end of the pump.

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 two anchor bolts per plate.
130 MPH ANCHORS BOLTS: 1/2" diameter anchor bolts embedded minimum two anchor bolts per plate.

115 to 130 mph wind zone (1 story)
CONTINUOUS FOOTING: 16" wide and 8" thick minimum, 20" wide minimum at brick veneer. Must extend 2' to either side of supported wall.
PIERS: 8" x 16" with 4" solid masonry pier height of 32" with hollow masonry and solid masonry, 16" x 16" piers with 4" solid masonry cap on 30" x 30" x 10" footing with maximum pier height of 64" with hollow masonry and concrete footing with maximum pier height of 64" with hollow masonry and 160" with solid masonry.
UNDER-FLOOR SPACE (SECTION R408)

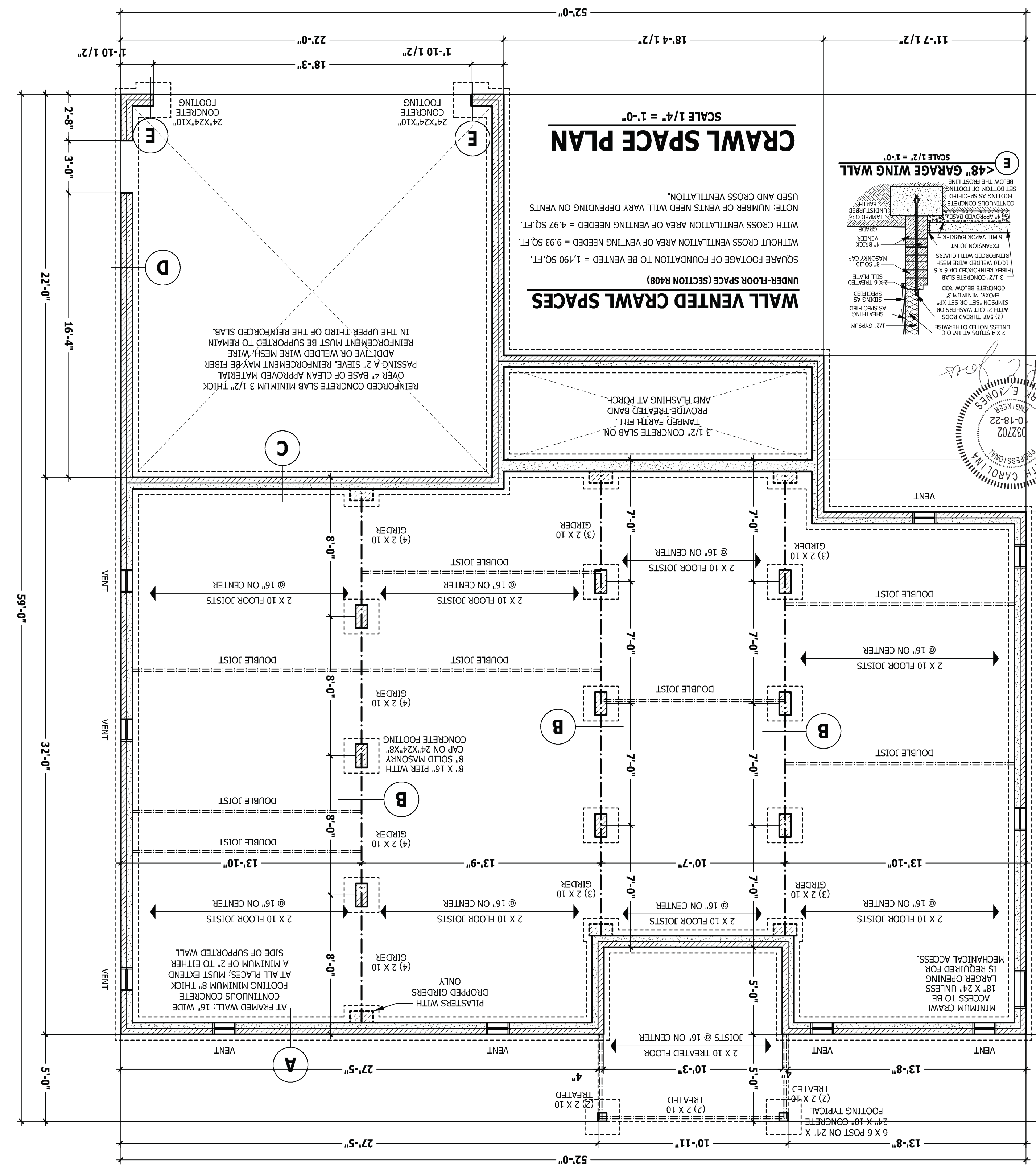


FOUNDATION STRUCTURAL



CRAWL SPACE PLAN

SCALE 1/4" = 1'-0"
NOTE: NUMBER OF VENTS NEED WILL VARY DEPENDING ON VENTS WITH CROSS VENTILATION AREA OF VENTING NEEDED = 4.97 SQ.FT. WITHOUT CROSS VENTILATION AREA OF VENTING NEEDED = 9.93 SQ.FT. SQUARE FOOTAGE OF FOUNDATION TO BE VENTED = 1,490 SQ.FT.



SQUARE FOOTAGE

HEATED	1608 SQ.FT.
FIRST FLOOR	1608 SQ.FT.
UNHEATED	110 SQ.FT.
GAUGE	51 SQ.FT.
REAR PORCH	645 SQ.FT.
TOTAL	2872 SQ.FT.

HAYNES

HOME PLANS, INC.
P.O. Box 102, White Forest, NC 27888 919-435-6180 Fax: 1-866-491-0096

On Top Building Company, LLC
2393 Twin Acres Road
Clayton, NC

FOUNDATION PLAN

Amherst

PURCHASER 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 LOCATION. A LOCAL ENGINEER SHOULD BE CONSULTED BEFORE CONSTRUCTION. THESE DRAWINGS ARE INTENDED FOR SERVICE AND AS SUCH SHALL REMAIN THE PROPERTY OF THE DESIGNER.

SQUARE FOOTAGE	HEATED	1608 SQ.FT.
UNHEATED	FIRST FLOOR	1608 SQ.FT.
TOTAL	TOTAL	1608 SQ.FT.
FRONT PORCH		110 SQ.FT.
GARAGE		484 SQ.FT.
REAR PORCH		51 SQ.FT.
TOTAL		645 SQ.FT.

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 treads, stringers, handrails, and hardware may protrude into the net clear opening.

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.

ATTIC ACCESS

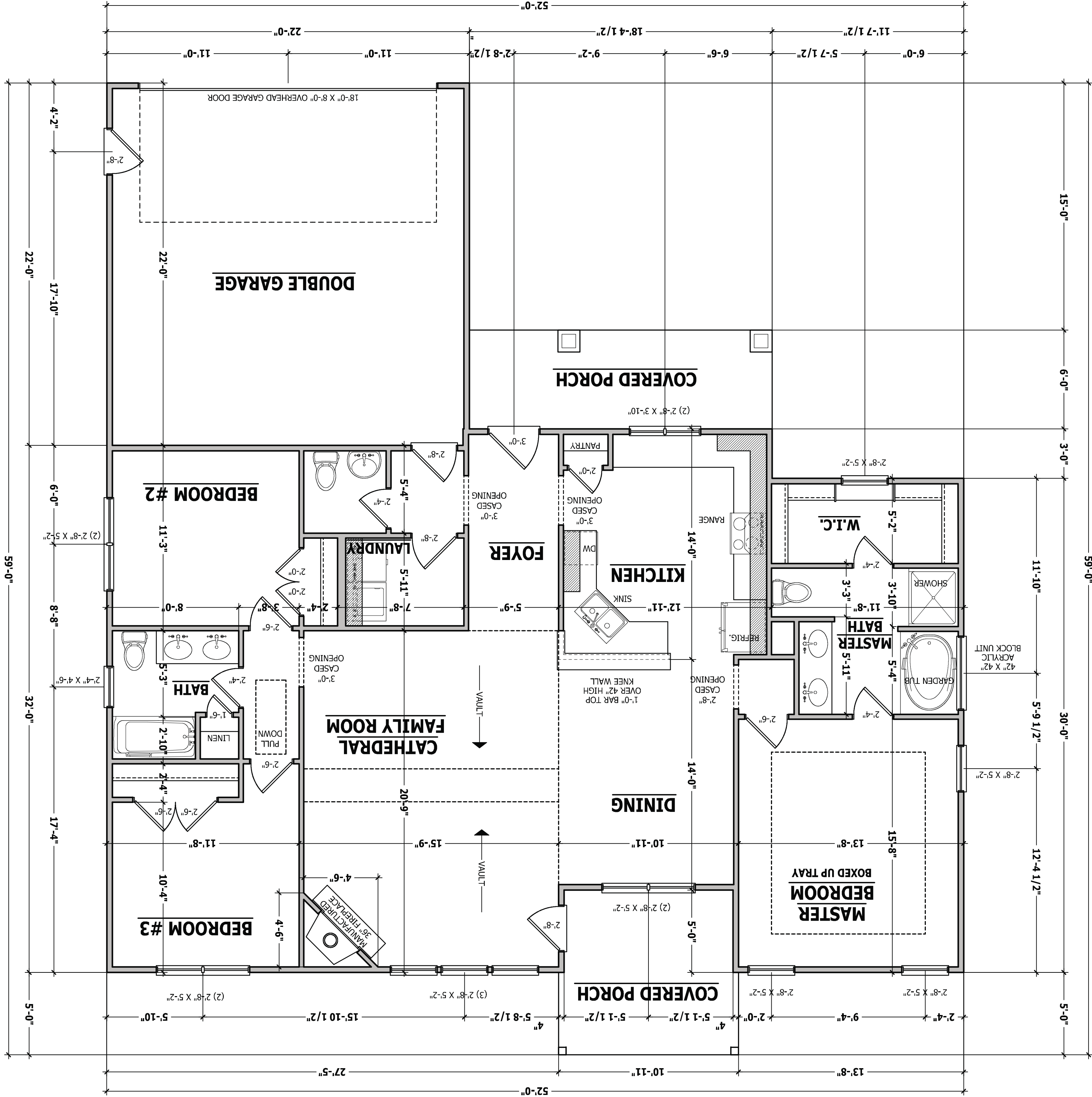
SECTION R302.11, Item 4.
Section R302.11, Item 4, required in Section R302.6 shall be protected as required by **OTHER PENETRATIONS.** Penetrations through the separation openings into the garage. sheet steel or other approved material and shall have no penetrating the walls or ceilings separating the dwelling from the garage shall be constructed of a minimum No. 26 gage (0.48 mm) steel or other approved material and shall have no penetrating the walls or ceilings separating the garage and duct penetrations. Ducts in the garage and ducts fire-rated doors.

DWELLING / GARAGE SEPARATION

WALLS. A minimum 1/2" gypsum board must be installed on all walls supporting floor/ceiling assemblies used for separation required by this section.
CEILINGS. A minimum of 1/2" gypsum must be installed on the underside and exposed sides of all stairways. 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 garage doors.

WALL THICKNESSES

Exterior walls and walls adjacent to a garage area are drawn as 6" or as noted 2 X 6 are drawn as 6" include 1/2" sheathing or gypsum. Subtract 1/2" for stud face.
Interior walls are drawn as 3 1/2" or as noted 2 X 6 are drawn as 5 1/2", and do not include gypsum.



SQUARE FOOTAGE	HEATED	1608 SQ.FT.
UNHEATED	FIRST FLOOR	1608 SQ.FT.
TOTAL	TOTAL	1608 SQ.FT.
FRONT PORCH		110 SQ.FT.
GARAGE		484 SQ.FT.
REAR PORCH		51 SQ.FT.
TOTAL		645 SQ.FT.

HAYNES
HOME PLANS, INC.
P.O. Box 702, White Forest, NC 27888 919-435-5180 Fax: 1-866-491-0096

On Top Building Company, LLC
2393 Twin Acres Road
Clayton, NC

FIRST FLOOR PLAN
Amherst

PURCHASER 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 LOCATION. A LOCAL DESIGNER, ARCHITECT OR ENGINEER SHOULD BE CONSULTED BEFORE CONSTRUCTION. THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND AS SUCH SHALL REMAIN PROPERTY OF THE DESIGNER.

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 contractor 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

DEFLECTION	(PSF)	(PSF)	USE
Attics without storage	10	L/240	
Attics with limited storage	20	L/360	
Attics with fixed stairs	40	L/360	
Balconies and decks	40	L/360	
Fire escapes	40	L/360	
Guardrails and handrails	200	L/360	
Guardrail in-fill components	50		
Passenger vehicle garages	50	L/360	
Rooms other than sleeping	40	L/360	
Sleeping rooms	30	L/360	
Stairs	40	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 otherwise.

ENGINEERED WOOD BEAMS:
 Laminated veneer lumber (LVL) = Fb=2600 PSI, Fv=285 PSI, E=1.9x10⁶ PSI
 Parallel strand lumber (PSL) = Fb=2900 PSI, Fv=290 PSI, E=2.0x10⁶ PSI
 Laminated strand lumber (LSL) = Fb=2250 PSI, Fv=400 PSI, E=1.55x10⁶ PSI

TRUSS AND I-JOIST MEMBERS: All roof truss and I-joist 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-joist layout shall be coordinated with Haynes Home Plans, Inc.

LIMITS: 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 19.2" 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.

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.

HD: 800 lbs hold down device fastened to the edge of the brace wall panel closest 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 8d (2 1/2" long x 0.113" diameter).
CS-SFB: Shall be minimum 1/2" structural fiber board nailed at 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 1 1/2" long x 0.12" diameter galvanized roofing nails.

PF: Portal rafter per figure R602.10.1
 minimum 5d cooler nails or #6 screws.

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.

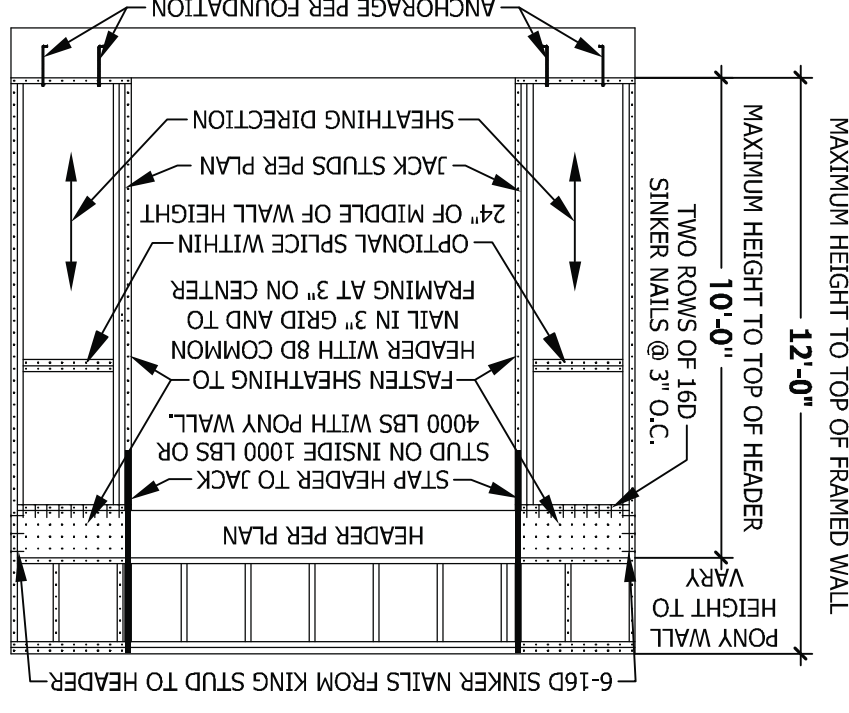
HD: 800 lbs hold down device fastened to the edge of the brace wall panel closest to the corner.

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 8d (2 1/2" long x 0.113" diameter).
CS-SFB: Shall be minimum 1/2" structural fiber board nailed at 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 1 1/2" long x 0.12" diameter galvanized roofing nails.

PF: Portal rafter per figure R602.10.1
 minimum 5d cooler nails or #6 screws.



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

EXTERIOR HEADERS

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.

Plate Heights & Floor Systems. See elevation page(s) for plate heights and floor system thicknesses.

ROOF TRUSS REQUIREMENTS

4 X 4 TREATED POST OR EQUIVALENT TYPICAL.
 ATTACH RAFTERS TO HEADER WITH HURRICANE CONNECTORS (SIMPSON H2.5 OR EQUIVALENT).
 ATTACH HEADER TO POST AND POST TO BASE WITH POST CAP, METAL STRAPS, AND/OR POST BASE.

INTERIOR HEADERS

(- 2) 2 X 6 WITH 1 JACK STUD EACH END
 UNLESS NOTED OTHERWISE

(- 2) 2 X 6 WITH 1 JACK STUD EACH END
 UNLESS NOTED OTHERWISE

LOAD BEARING HEADERS (2) 2 X 6 WITH 1 JACK STUD AND 1 KING STUD EACH END
 UNLESS NOTED OTHERWISE

LADDER FRAMED

INTERIOR HEADERS

(- 2) 2 X 6 WITH 1 JACK STUD EACH END
 UNLESS NOTED OTHERWISE

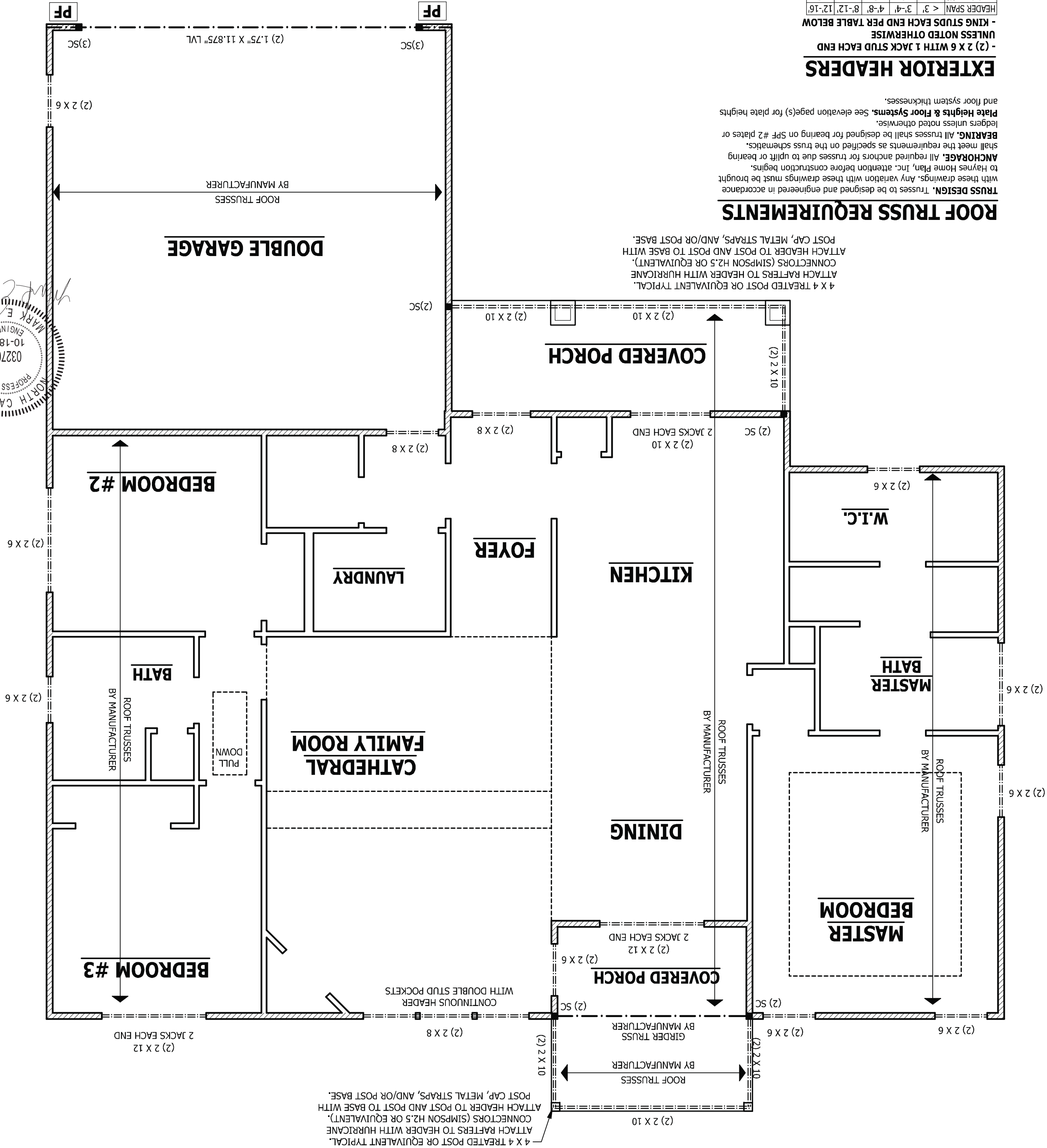
(- 2) 2 X 6 WITH 1 JACK STUD EACH END
 UNLESS NOTED OTHERWISE

LOAD BEARING HEADERS (2) 2 X 6 WITH 1 JACK STUD AND 1 KING STUD EACH END
 UNLESS NOTED OTHERWISE

LADDER FRAMED

FIRST FLOOR STRUCTURAL

SCALE 1/4" = 1'-0"



SQUARE FOOTAGE

HEATED	UNHEATED	TOTAL
1608 SQ.FT.	1608 SQ.FT.	3216 SQ.FT.
110 SQ.FT.	488 SQ.FT.	598 SQ.FT.
51 SQ.FT.	REAR PORCH	51 SQ.FT.
645 SQ.FT.	TOTAL	645 SQ.FT.

HAYNES HOME PLANS, INC.
 P.O. Box 702, White Forest, NC 27888 919-435-5180 Fax: 1-866-491-0096

On Top Building Company, LLC
 2393 Twin Acres Road
 Clayton, NC

FIRST FLOOR STRUCTURAL
Amherst

BUYER'S 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 LOCAL, A LOCAL DESIGNER, ARCHITECT OR ENGINEER SHOULD BE CONSULTED BEFORE CONSTRUCTION. THESE DRAWINGS ARE INTENDED FOR SERVICE AND AS SUCH SHALL REMAIN THE PROPERTY OF THE DESIGNER.

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 Plan, Inc. attention before construction begins.

KNEE WALL AND CEILING HEIGHTS. All finished knee wall heights and ceiling heights are shown furred down 10" from roof decking for insulation. If for any reason the truss manufacturer fails to meet or exceed designated heel heights, finished knee wall heights, or finished ceiling heights shown on these drawings the finished square footage may vary. Any discrepancy must be brought to Haynes Home Plans, Inc. attention, so a suitable solution can be reached before construction begins. Any variation due to these conditions not being met is the responsibility of the truss manufacturer.

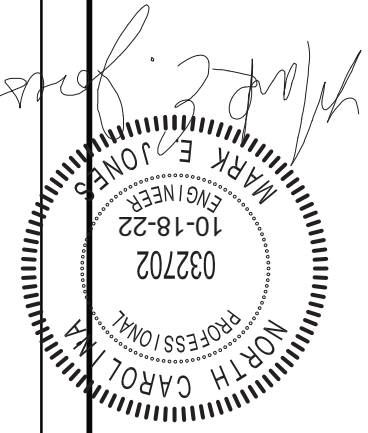
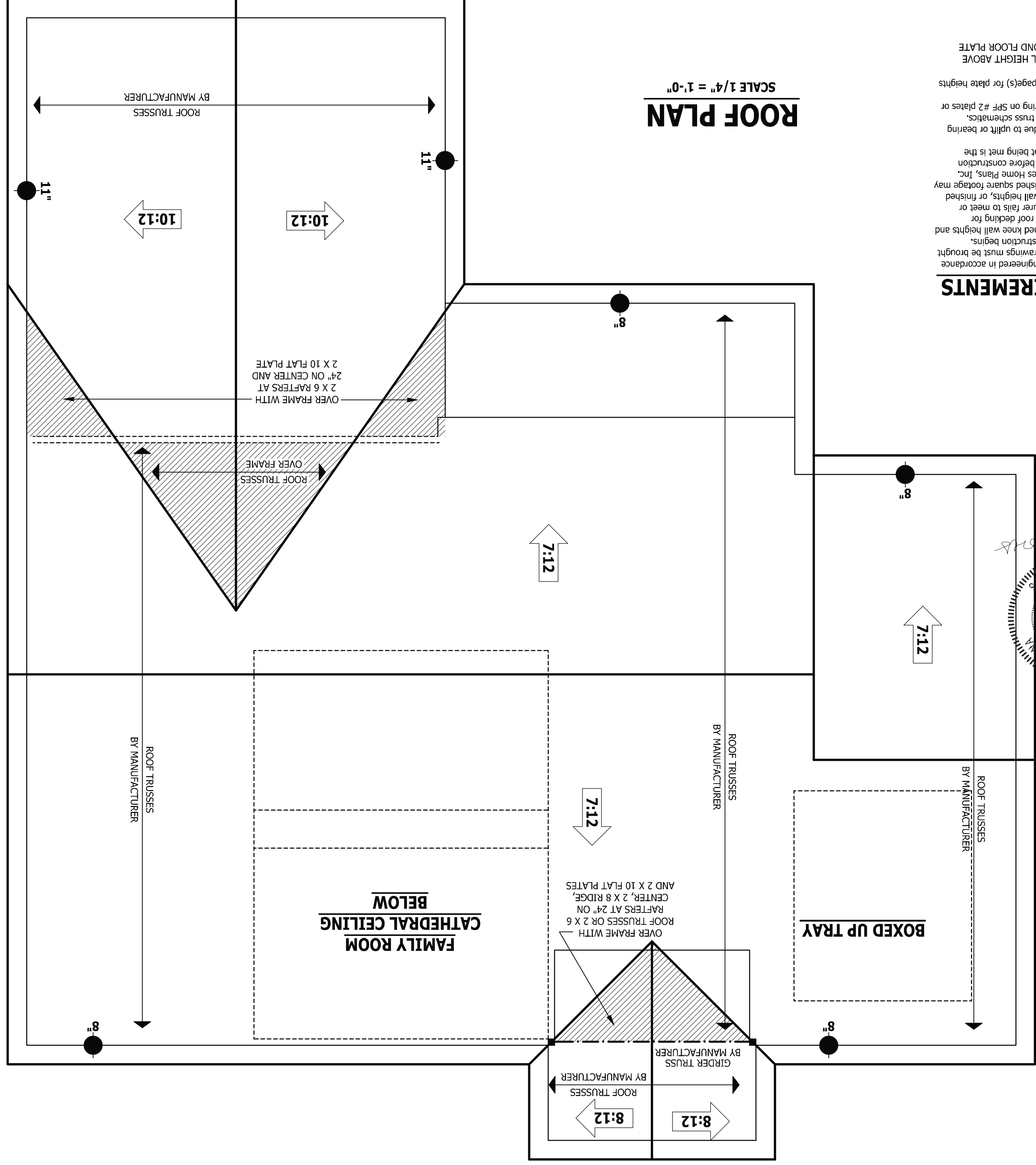
ANCHORAGE: All required anchors for trusses due to uplift or bearing shall meet the requirements as specified on the truss schematics.

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

Plate Heights & Floor Systems. See elevation page(s) for plate heights and floor system thicknesses.

● HEEL HEIGHT ABOVE
● FIRST FLOOR PLATE
● HEEL HEIGHT ABOVE SECOND FLOOR PLATE

ROOF PLAN
SCALE 1/4" = 1'-0"



SQUARE FOOTAGE

HEATED	1608 SQ.FT.
FIRST FLOOR	1608 SQ.FT.
TOTAL	1608 SQ.FT.
UNHEATED	110 SQ.FT.
ROOM PORCH	484 SQ.FT.
GARAGE	51 SQ.FT.
REAR PORCH	645 SQ.FT.
TOTAL	2398 SQ.FT.

HAYNES HOME PLANS, INC.
P.O. Box 102, White Forest, NC 27888 919-435-6180 Fax: 1-866-491-0396

On Top Building Company, LLC
2393 Twin Acres Road
Clayton, NC

ROOF PLAN
Amherst

BUYER 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 LOCATION. A LOCAL DESIGNER, ARCHITECT OR ENGINEER SHOULD BE CONSULTED BEFORE CONSTRUCTION. THESE DRAWINGS ARE INTENDED FOR SERVICE AND AS SUCH SHALL REMAIN THE PROPERTY OF THE DESIGNER.

