

SCALE 1/8" = 1'-0"

**FRONT ELEVATION
WITH SIDE LOAD GARAGE**

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

CLIMATE ZONE	ZONE 3A	ZONE 4A	ZONE 5A
MINIMUM ROOF HEIGHT - 25'-0"			
MINIMUM ROOF HEIGHT - 30'-0"			
HEIGHT TO RIDGE - 30'-0"			
REGISTRATION FEE	0.35	0.35	0.35
SMALL LOT FEE	0.35	0.35	0.35
GLAZED PERISTYLE SURF.	35% OR 300"	35% OR 300"	35% OR 300"
WALL AREA	35% OR 300"	35% OR 300"	35% OR 300"
FLOOR AREA	19	19	30
FLOOR WALL AREA	9/13	10/15	10/15
CEILING AREA	5/13	10/15	10/15
CEILING WALL AREA	5/13	10/15	10/15

ROOF VENTILATION

SECTION R806

Roofs shall be ventilated. Finished attic and enclosed attic spaces shall have cross ventilation for each separate space by ventilating openings protected against the entrance of rain or snow. Ventilating openings shall have a least dimension of 1/16 inch (1.6 mm) minimum and 1/4 inch (6.4 mm) maximum. Openings in gables 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 gables 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. 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 1/200 is permitted provided that at least 50 percent and not ventilators located in the upper portion of the space to be ventilated at least 3 feet (914 mm) above the eave or cornice work. As an alternative, the net free cross ventilation shall be based on the area of the space to be ventilated as indicated on the venting side of the ceiling.

Exceptions:

1. Enclosed attic spaces requiring less than 1 square foot (0.0929 m²) of ventilation may be vented with continuous soffit ventilation only.
2. Attic spaces where unventilated space may be vented with continuous soffit, vent only.
3. Soffit ventilation shall be based on the area of the space to be vented with net free cross ventilation needed.

NET FREE CROSS VENTILATION NEEDED:

WITHOUT 50% TO 80% OF VENTING 3'-0" ABOVE EAVE = 10.39 SQ.FT.

WITH 50% TO 80% OF VENTING 3'-0" ABOVE EAVE OR WITH CLASS 1 OR II VAPOR RETARDERS ON INSIDE SURFACE OF CEILING = 5.18 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) above the finished floor or ground. Guards shall be installed within 36 inches (914 mm) horizontally to the edge of the open side. The screening shall not be considered as a guard.

R312.2 Height. Required guards at open-sided walking surfaces, including stairs, ramps, balconies or landings, shall be not less than 36 inches (914 mm) high, measured vertically from the leading edge of the guard.

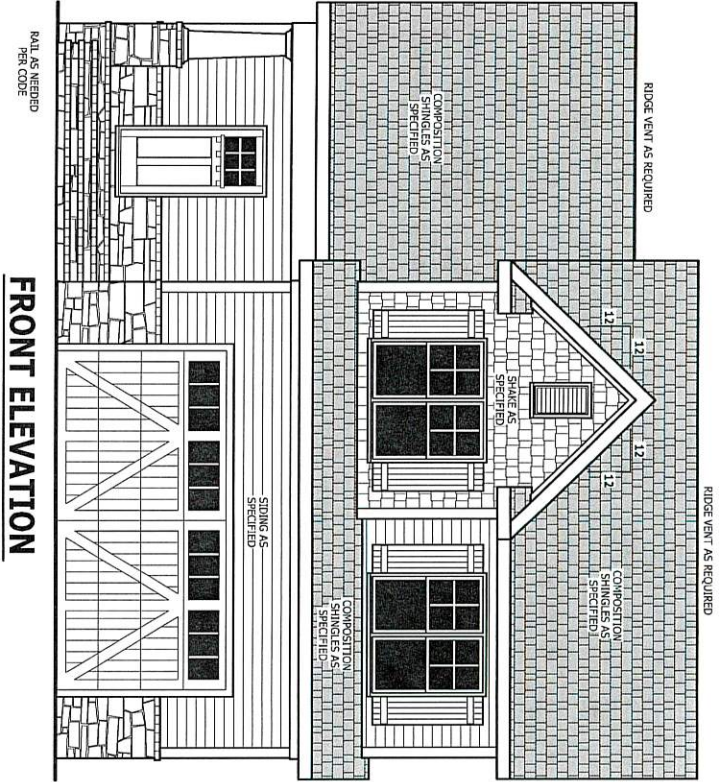
Exceptions:

1. Guard on the open side 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 side 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.
3. 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.

AIR LEAKAGE

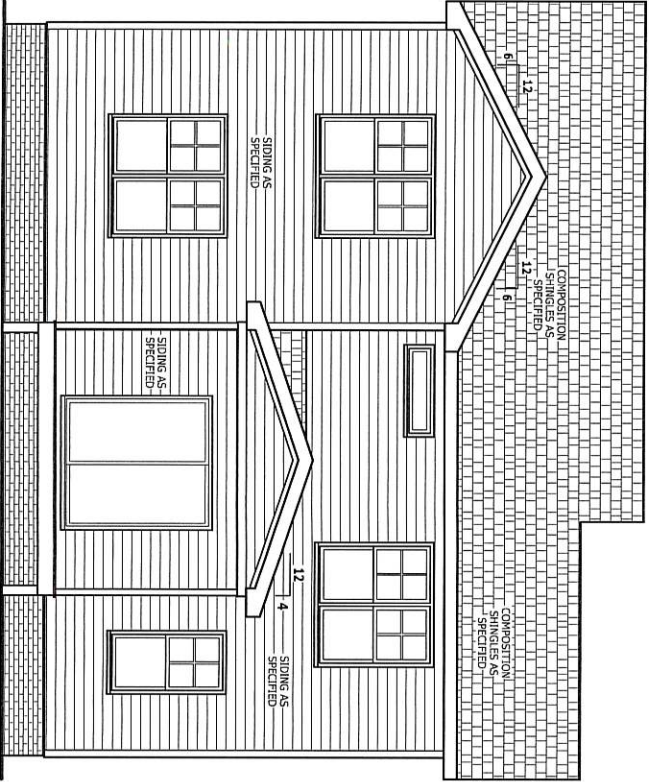
Section M102.4.1 Building thermal envelope. The building thermal envelope shall be airtight sealed with an air barrier system to limit infiltration. The sealing methods should discontinue materials shall be used at joints and penetrations. The air barrier system shall be continuous where present, the following shall be caulked, gasketed, weatherstripped or otherwise sealed with an air barrier material or other material consistent with Appendix E-2.4 of this code.

1. Blocking and sealing hazardous systems and other leaks walls.
2. Caulking and sealing joints or seams, including floor slabs.
3. Capping and sealing soffits or dropped ceiling areas.



SCALE 1/4" = 1'-0"

FRONT ELEVATION



REAR ELEVATION

SCALE 1/4" = 1'-0"

TOP OF PLATE	WINDOW HEIGHT	FIRST FLOOR PLATE HEIGHT	SECOND FLOOR PLATE HEIGHT
7'-6"	6'-10"	9'-1 1/2"	8'-1 1/2"

HEATED	UNHEATED	TOTAL
775 SQ.FT.	101 SQ.FT.	876 SQ.FT.
774 SQ.FT.	465 SQ.FT.	1239 SQ.FT.
280 SQ.FT.	152 SQ.FT.	432 SQ.FT.
1820 SQ.FT.	719 SQ.FT.	2539 SQ.FT.

TOP OF PLATE	WINDOW HEIGHT	FIRST FLOOR PLATE HEIGHT	SECOND FLOOR PLATE HEIGHT
7'-6"	6'-10"	9'-1 1/2"	8'-1 1/2"

FRONT & REAR ELEVATIONS

THE GASTON II

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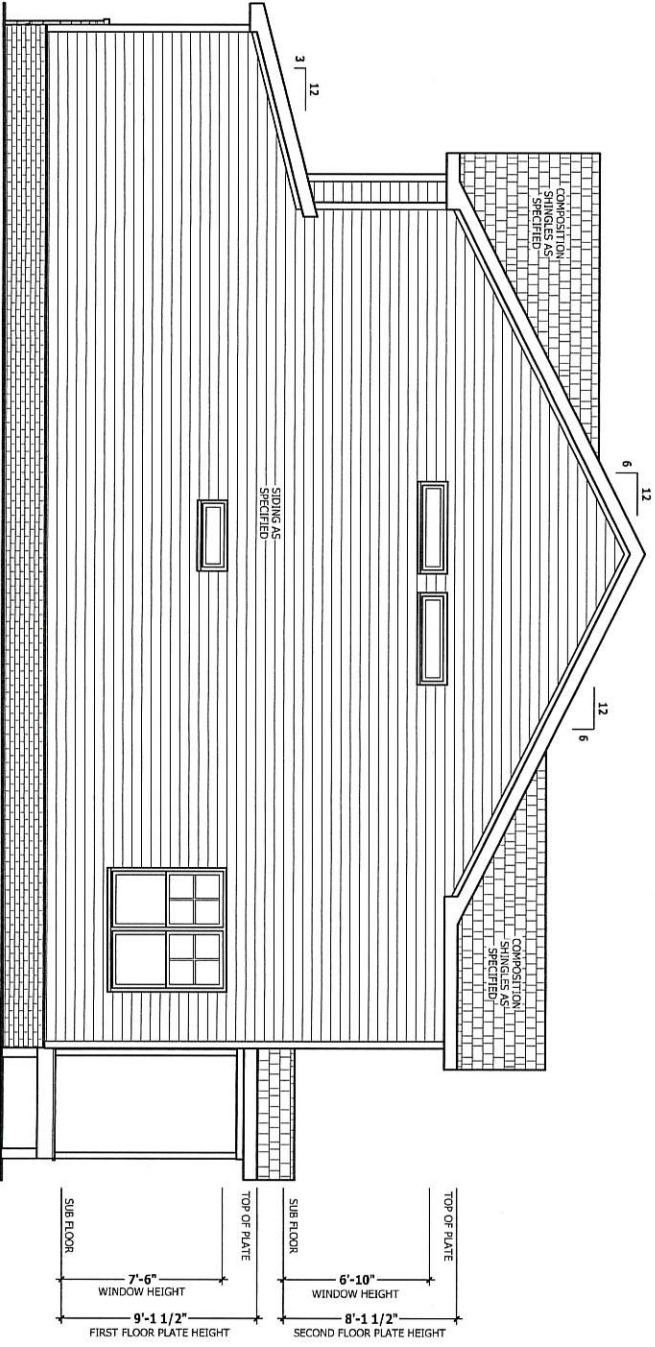
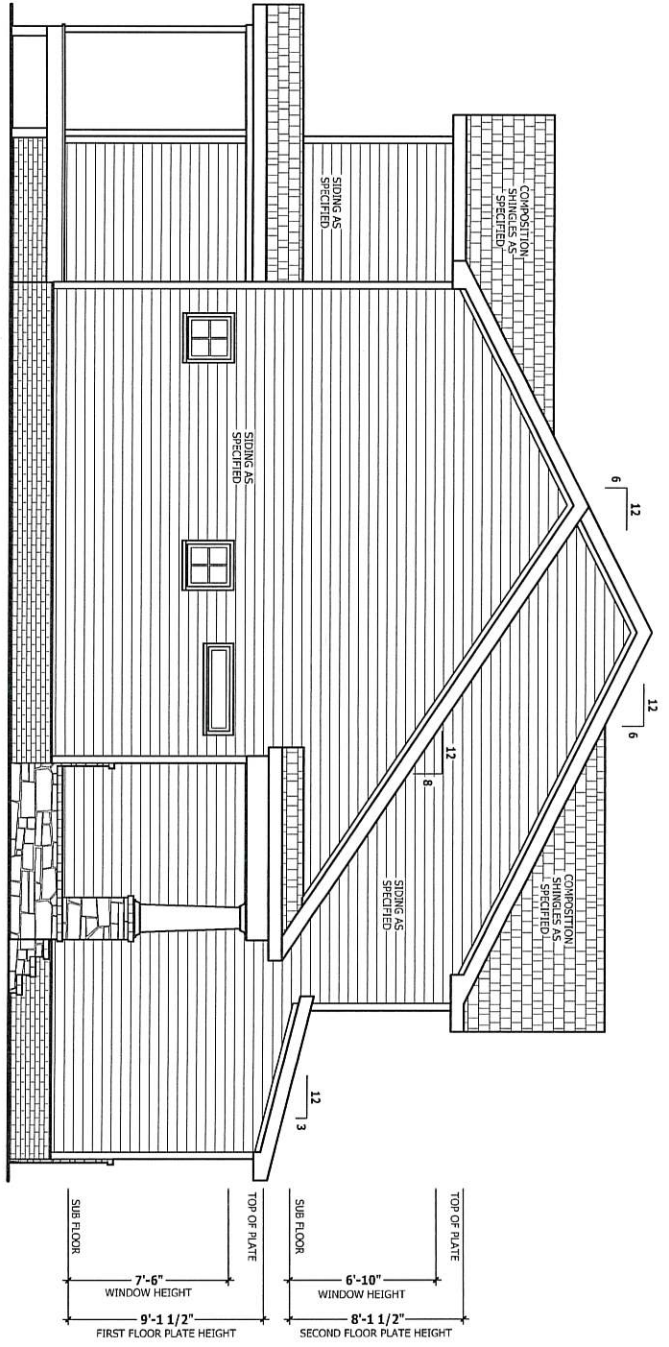
P.O. Box 702, Wake Forest, NC 27388 919-435-6180 Fax 1-866-491-0396

SQUARE FOOTAGE

HEATED	775 SQ.FT.
UNHEATED	101 SQ.FT.
TOTAL	876 SQ.FT.

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LEFT & RIGHT ELEVATIONS
THE GASTON II

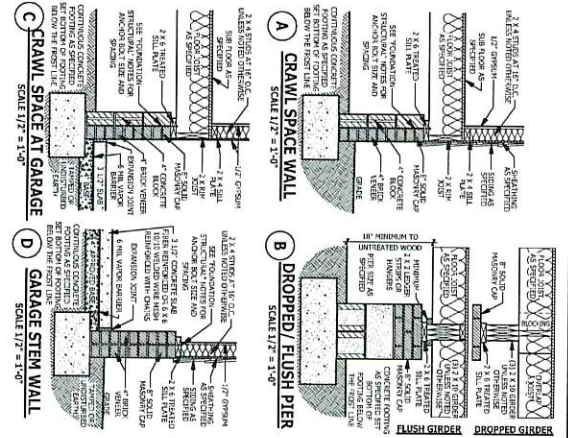
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HOME PLANS, INC.
910.630.2100 • 919.606.4696
104 Millstream Drive, Fourth Floor, NC 27503

SQUARE FOOTAGE

1ST FLOOR	275 SQ. FT.
2ND FLOOR	275 SQ. FT.
TOTAL	550 SQ. FT.
COVERED PORCH	188 SQ. FT.
SCREENED PORCH	210 SQ. FT.
DECK	210 SQ. FT.
TOTAL	708 SQ. FT.

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INDICATED MARK QUANTITY ALL DIMENSIONS AND CONDITIONS SHOWN ON THESE PLANS ARE TO BE CONSIDERED AS PART OF THE CONTRACT. ANY CHANGES TO THESE PLANS MUST BE APPROVED BY THE ARCHITECT. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. THESE PLANS ARE NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.



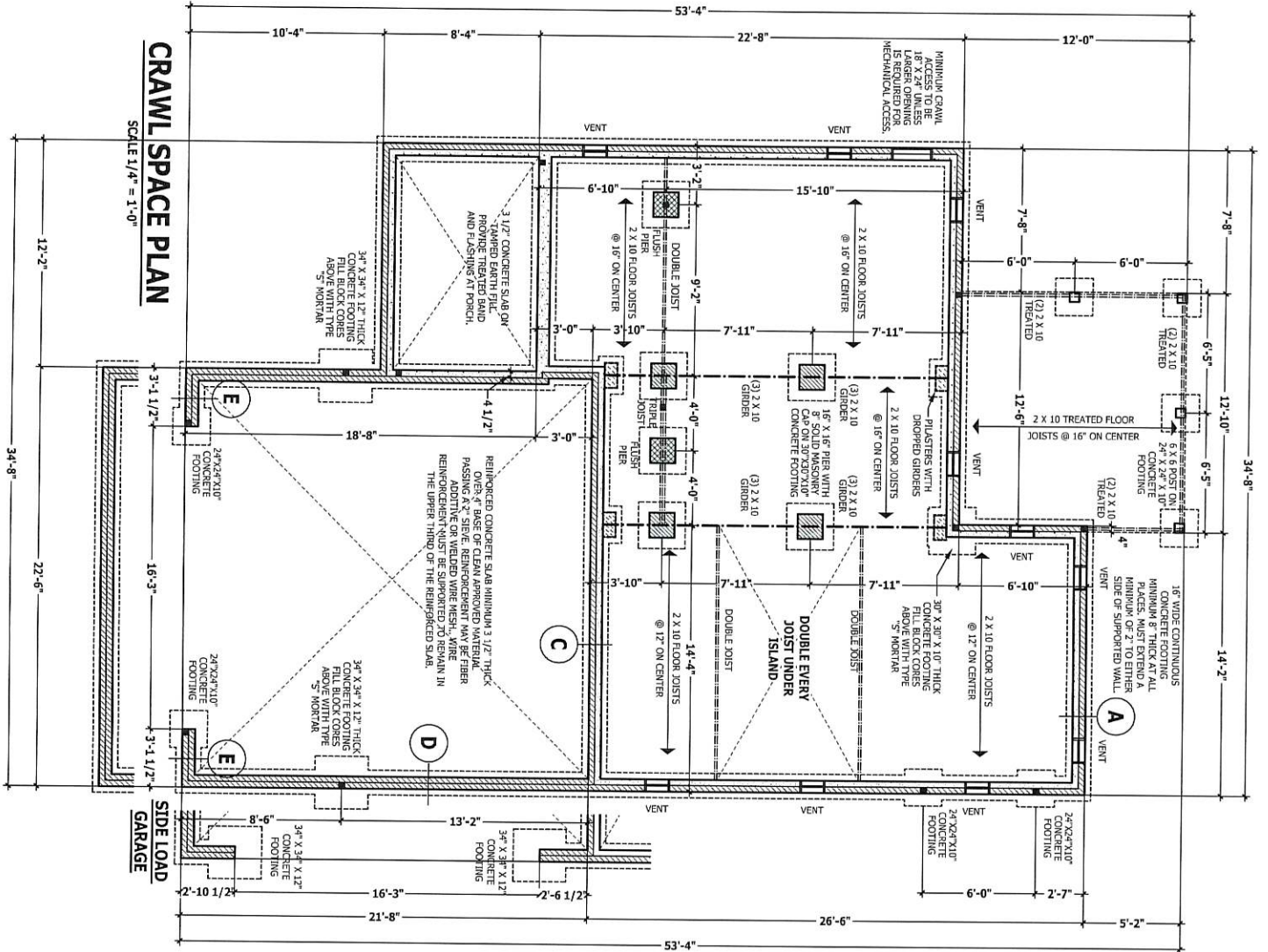
FOUNDATION STRUCTURAL

115 to 300 psi yield steel (1/2" to 2 1/2" size)
 CONTINUOUS FOOTING: 16" wide, minimum 20" high
 minimum at thick veneer. Meet extended 2" to either side of supported wall.
 GIRDERS: (3) 2 X 10 floor joists unless noted otherwise.
 PIERS: 16" X 16" piers with 8" solid masonry cap on 3/4" X 30" X 10"
 16G with steel reinforcement per height of pier with hollow masonry and
 POINT LOADS: ■ designates significant point load and should have solid
 blocking to pier, girder or foundation wall.
 115 and 120 MPH ANCHORS 90153: 1/2" diameter anchor bolts embedded
 minimum two inches into footing, within 12" of plate ends, and
 130 MPH ANCHORS 90153: 1/2" diameter anchor bolts embedded minimum
 15" maximum 4'-0" on center, within 12" of plate ends, and minimum two
 concrete piers per plate.
 CONCRETE: All concrete shall have a minimum 38-day strength of 3000 psi
 and a minimum 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 3000 PSF. The
 foundation shall be designed and constructed in accordance with the
 unsatisfactory subsurface conditions are shown and shall be adequate drainage,
 and shall be graded so as to drain surface water away from foundation walls.

CLOSED CRAWL PER R409 OR WALL VENTED CRAWL SPACE

UNDER-FLOOR SPACE (SECTION R409)
 SQUARE FOOTAGE OF FOUNDATION TO BE VENTED = 735 SQ.FT.
 WITHOUT CROSS VENTILATION AREAS NEEDED = 49 SQ.FT.
 WITH CROSS VENTILATION AREAS NEEDED = 48 SQ.FT.
 NOTE: NUMBER OF VENTS NEEDED WILL VARY DEPENDING ON VENTS
 USED AND CROSS VENTILATION.

CRAWL SPACE PLAN



**FOUNDATION PLAN
 THE GASTON II**

FOUNDATION PLAN
 THE GASTON II
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SQUARE FOOTAGE	PERCENTAGE
181035B	78.50%
2142020	9.20%
181035B	82.50%
2142020	9.20%
181035B	78.50%
2142020	9.20%

ATTIC ACCESS

SECTION R807
R807.1 Attic access. Attic access opening shall be provided in accordance with Section 503. Attic access shall be 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. An attic door shall be provided at some point above the access opening. See section W1305.1.3 for access requirements where mechanical equipment is located in attics.
 1. Concealed areas not located over the main structure including porches, areas behind three walls, dormers, bay windows, etc.
 2. Full door size frames, sashes, hardware, and hardware may project into the clear opening.

WALL THICKNESSES

Exterior walls and walls adjacent to a garage area and dormer walls shall be a minimum of 2 1/2" thick masonry or concrete block. Interior walls are shown as 3 1/2" or as noted 2 X 8 and shown as 5 1/2", and do not include gypsum.

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.
FLOORS. All sides of all steel joist or I-joist systems must be installed on the underside and 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 through garage and exterior walls shall be protected in accordance with Section 503. Penetrations through the ceiling shall be protected with steel doors not less than 1 3/8 inches (35 mm) thick, or alternative fire-rated doors.
DUCT PENETRATIONS. Ducts in the garage and ducts penetrating the walls or ceiling shall be protected in accordance with Section 503. Penetrations shall be protected with 26 gauge (0.48 mm) steel sheet or other approved material and shall have no openings.
OTHER PENETRATIONS. Penetrations through the separation required in Section R302.6 shall be protected as required by Section R302.11, Item 4.

EXTERIOR WINDOWS AND DOORS

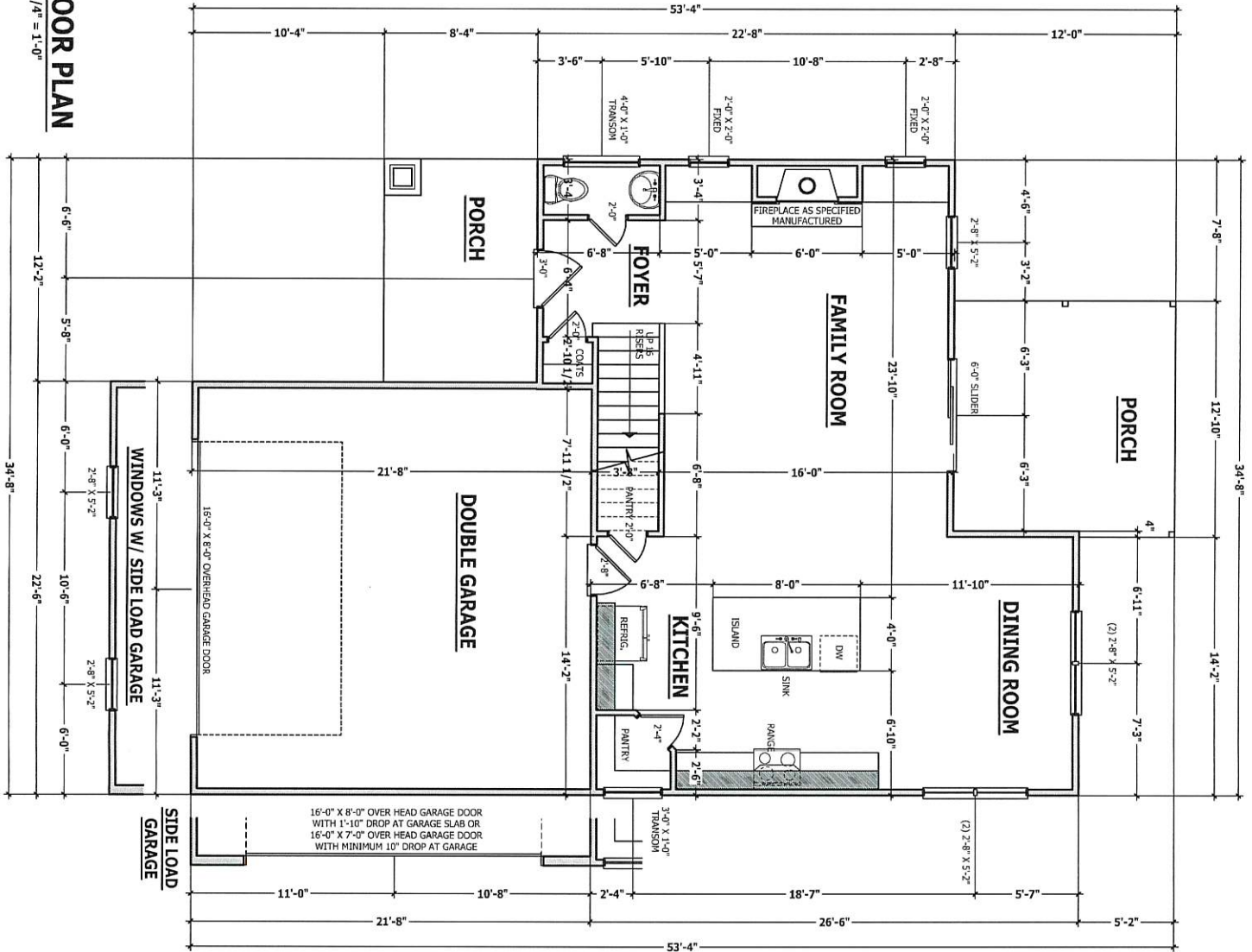
SECTION R612
R612.1 General. This section prescribes performance and construction requirements for exterior windows and doors. Windows and doors shall be installed in accordance with the manufacturer's written installation instructions. Window and door openings shall be flashed in accordance with Section W703.8. Written installation instructions shall be provided by the manufacturer for each window.
R612.2 Window sills. In dwelling units, where the opening of an operable window is located more than 22 inches (559 mm) above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches (610 mm) above the finished floor of the room in which the window is located. Operable sections of windows shall be protected in accordance with Section 503. Windows shall be protected where such openings are located within 24 inches (610 mm) of the finished floor.
Exceptions:
 1. Windows whose openings will not allow a 4-inch diameter (102 mm) sphere to pass through the opening when the opening is in its largest opened position.
 2. Windows that are provided with window fall prevention devices that comply with Section 6612.2.
 3. Openings that are provided with fall prevention devices that comply with ASTM F 2096.
R612.3 Windows that are provided with opening limiting devices that comply with Section 6612.4.
R612.4 Windows that are provided with window fall prevention devices and window opening limiting devices that comply with the requirements of ASTM F 2096, when provided, shall comply with the requirements of ASTM F 2096.

SQUARE FOOTAGE

HEATED	776 SQ. FT.
FIRST FLOOR	776 SQ. FT.
SECOND FLOOR	288 SQ. FT.
FLAROOM	1820 SQ. FT.
TOTAL	1820 SQ. FT.
UNHEATED	101 SQ. FT.
FRONT PORCH	466 SQ. FT.
GARAGE	152 SQ. FT.
REAR PORCH	75 SQ. FT.
TOTAL	715 SQ. FT.

FIRST FLOOR PLAN

SCALE 1/4" = 1'-0"



FIRST FLOOR PLAN
THE GASTON II

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HOME PLANS, INC.
 P.O. Box 702, Wake Forest, NC 27588 919-435-6160 Fax 1-866-491-0366
 910.630.2100 919.606.4696
 The Virginia Park, Fourth-Flr., NC 27709

SQUARE FOOTAGE

FIRST FLOOR	776 SQ. FT.
SECOND FLOOR	288 SQ. FT.
FLAROOM	1820 SQ. FT.
UNHEATED	101 SQ. FT.
FRONT PORCH	466 SQ. FT.
GARAGE	152 SQ. FT.
REAR PORCH	75 SQ. FT.
TOTAL	1820 SQ. FT.

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STRUCTURAL NOTES

All construction shall conform to the latest requirements of the 2018 North Carolina Building Code. This document in no way shall be construed to supersede the code. **JOBSITE PRACTICES AND SAFETY:** Haynes Home Plans, Inc. assumes no liability for contractor practices and procedure or safety program. Haynes Home Plans, Inc. does not assume responsibility for the contractor's failure to carry out the construction in accordance with the building code. All construction shall be in accordance with good construction practice and the building code.

DESIGN LOADS	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLECTION (LL)
USE	10	10	U/260
Attics without storage	20	10	U/360
Attics with limited storage	20	10	U/360
Balconies and decks	40	10	U/360
Fire escapes	40	10	U/360
Guardrails and handrails	200	--	--
Guardrail In-fill components	50	--	--
Passenger vehicle garages	50	--	U/360
Roofs (except flat sloped)	20	10	U/360
Roofs (flat)	20	10	U/360
Roofs (sloped)	20	10	U/360
Roofs (steep)	20	10	U/360
Snow	20	--	--

FRAMING LUMBER: All non treated framing lumber shall be SPF #2 (Ft = 875 PSI) or SYP #2 (Ft = 790 PSI) and all treated lumber shall be SYP #2 (Ft = 790 PSI) unless noted otherwise.

EMULATED VENEER LUMBER (EVL) = Fir-2000 PSI, Fir-305 PSI, Fir-41, 50/16 PSI
Parallel strand lumber (PSL) = Fir-2000 PSI, Fir-200 PSI, Fir-400 PSI, Fir-41, 50/16 PSI
Laminated strand lumber (LSL) = Fir-2200 PSI, Fir-400 PSI, Fir-1, 58x16 PSI

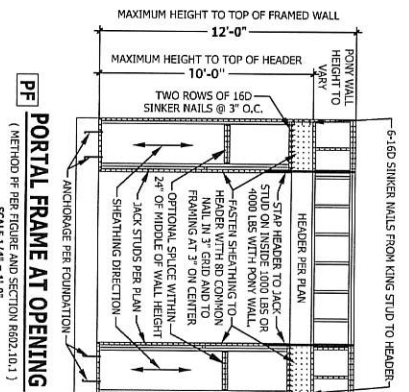
ROOF SHEATHING: OSB or CDX floor sheathing minimum 1/2" thick for spans up to 16'-0" on center for spans up to 18'-0" unless noted otherwise. 3/4" OSB or CDX floor sheathing minimum 1/2" thick for spans over 18'-0" on center for spans up to 18'-0" unless noted otherwise. 1/2" OSB or CDX roof sheathing minimum 3/8" thick. **CONCRETE AND SOILS:** See foundation notes.

BRACE WALL PANEL NOTES

EXTENSION WALLS: All exterior walls to be sheathed with CS-WSP or CS-57B in accordance with section R602.10.3 unless noted otherwise.
GPSUM: All interior sides of exterior walls and both sides interior walls to have 1/2" gypsum installed. When not using method GPSUM to be installed per table R602.13.5. Method **REQUIRED LENGTH OF BRACING:** Required bracing wall length for each side of the bracing member shall be determined per table R602.10.3. Methods CS-WSP and CS-57B contribute their actual length. Method GB contributes 0.5 ft's actual length. Method F contributes 1.5 times its actual length. The end of the brace wall panel closes to the corner.

Methods: Per Table R602.10.3
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 #4@2' x 1/2" long x 0.113" diameter).
CS-57B: Shall be minimum 1/2" structural fiber board nailed at 6" on center at edges and 12" on center at intermediate supports with 1/4" long x 1/2" 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 PF Parallel nailing per figure R602.10.1.

PORTAL FRAME AT OPENING



ROOF TRUSS REQUIREMENTS

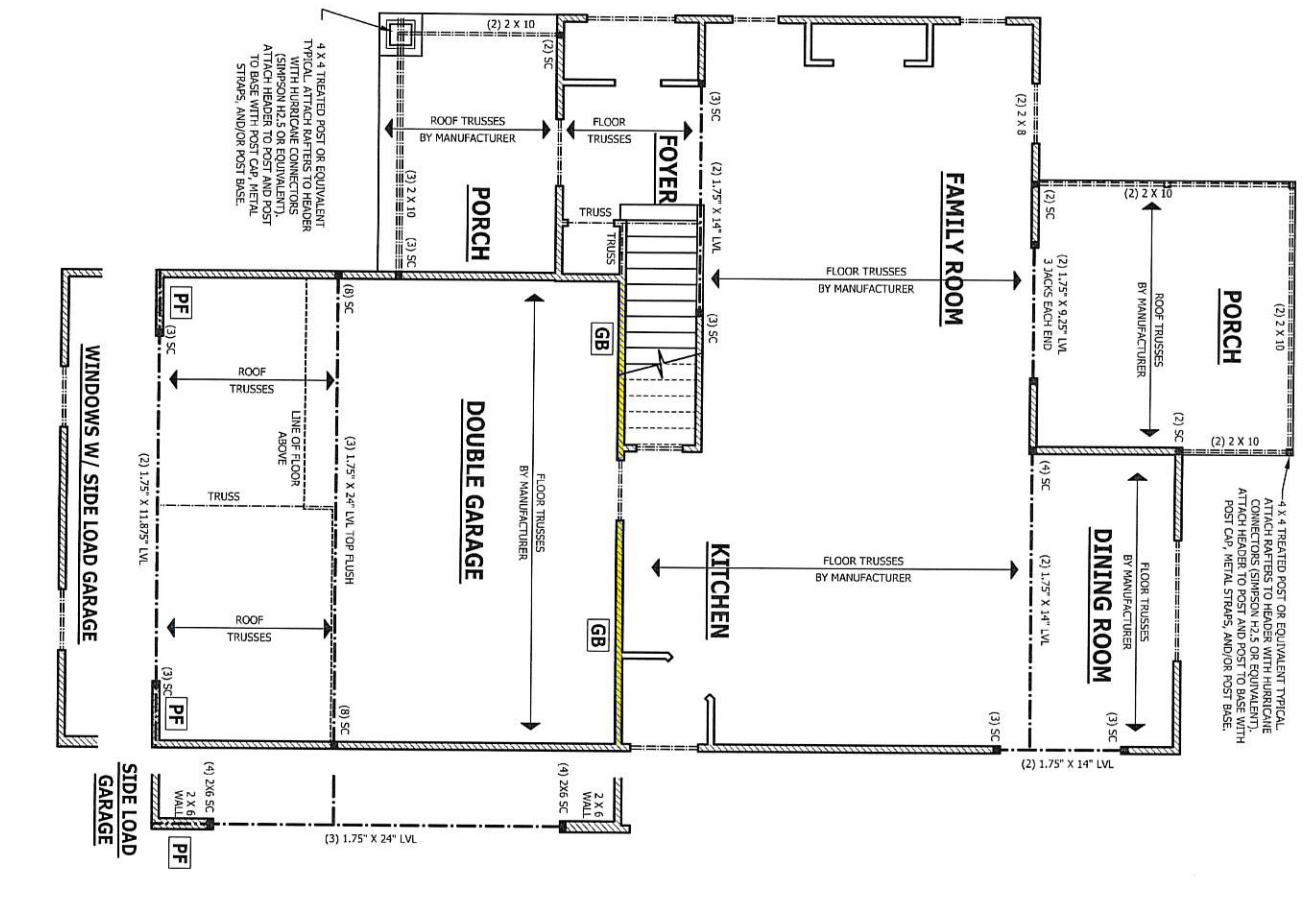
TRUSS DESIGN: Trusses to be designed and engineered in accordance with these drawings. Any variation with these drawings must be brought to Haynes Home Plans, Inc. attention before construction begins. **CEILING HEIGHTS AND INSTALLING HEIGHTS:** All finished floor heights and ceiling heights shall be shown on these drawings. Truss manufacturer shall exceed designated head heights, finished floor heights, or finished ceiling heights shown on these drawings. Truss manufacturer shall be responsible for providing a suitable solution for the ceiling height conditions. Any variation due to these conditions not being met is the responsibility of the truss manufacturer. **ANCHORING:** All required anchors for trusses due to uplift or bearing shall be shown on these drawings. Truss manufacturer shall be responsible for providing a suitable solution for the anchoring conditions. All bearings shall be designed for bearing on SPF #2 plates or ledgers unless noted otherwise. **BEARING:** All trusses shall be designed for bearing on SPF #2 plates or ledgers unless noted otherwise. **Plate Heights & Roof Systems:** See elevation page(s) for plate heights and roof system thicknesses.

EXTERIOR HEADERS

- (2) X 6 WITH 1 JACK STUD EACH END
 - UNLESS NOTED OTHERWISE
 - KING STUDS EACH END PER TABLE BELOW
 TABLE: KING STUDS < 3" 3'-4" 4'-8" 8'-12" 12'-6" (ROWS STUDS) 1 2 3 5 6

INTERIOR HEADERS

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



FIRST FLOOR STRUCTURAL

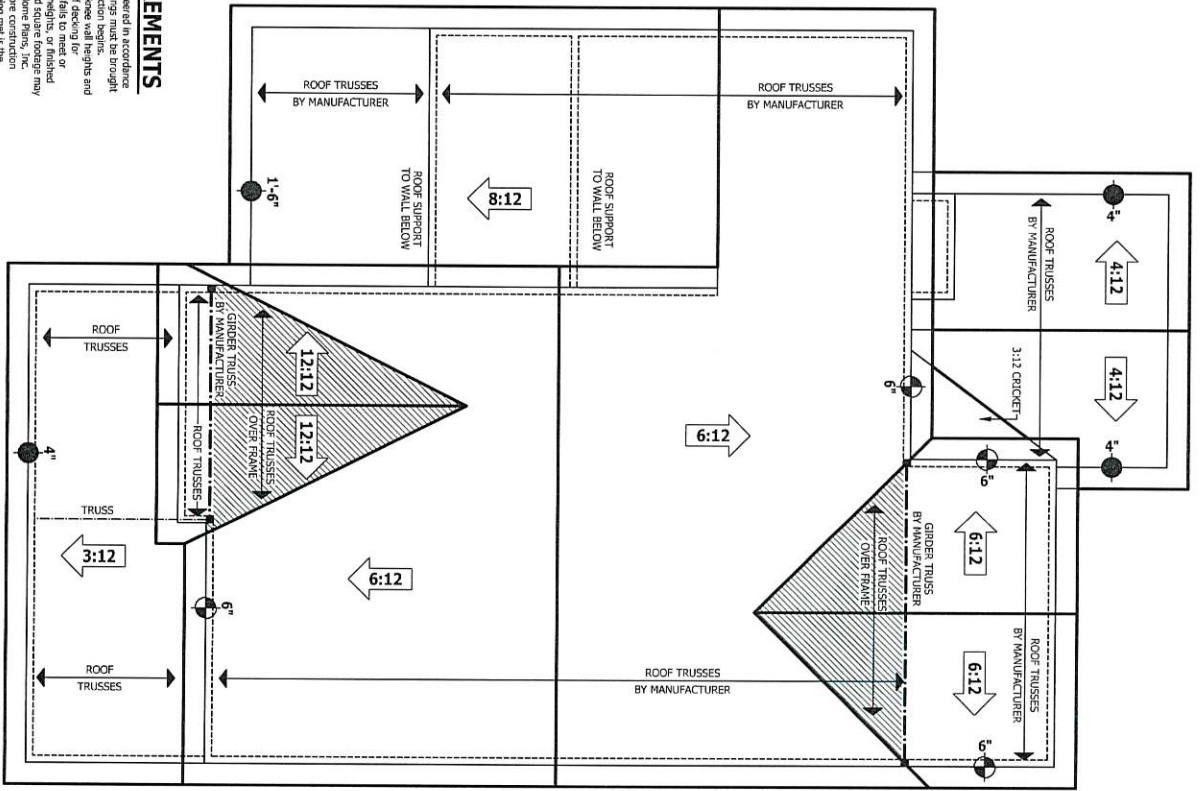
SCALE 1/4" = 1'-0"

THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE OTHER DRAWINGS IN THIS SET. HAYNES HOME PLANS, INC. CONSTRUCTION PRACTICES AND CODES, INCLUDING ANY VARIATIONS, SHALL APPLY WITHIN A LOCAL JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF THE INFORMATION PROVIDED BY THE DESIGNER.

FIRST FLOOR STRUCTURAL
THE GASTON II

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 HOME PLANS, INC.
 P.O. Box 702, Wake Forest, NC 27588 919-435-6180 Fax 1-866-491-0356 910.630.2100 919.606.4696

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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 the attention of Home Plans, Inc. Attention before construction begins. Trusses shall be designed for a design snow load of 30 psf and a design wind speed of 140 mph. Trusses shall be designed for a design temperature of 0°F. Trusses shall be designed for a design seismicity of 0.2. Trusses shall be designed for a design live load of 20 psf. Trusses shall be designed for a design dead load of 10 psf. Trusses shall be designed for a design wind uplift of 20 psf. Trusses shall be designed for a design wind downlift of 20 psf. Trusses shall be designed for a design wind lateral load of 20 psf. Trusses shall be designed for a design wind overturning moment of 20 psf. Trusses shall be designed for a design wind vibration of 20 psf. Trusses shall be designed for a design wind noise of 20 psf. Trusses shall be designed for a design wind odor of 20 psf. Trusses shall be designed for a design wind dust of 20 psf. Trusses shall be designed for a design wind debris of 20 psf. Trusses shall be designed for a design wind fire of 20 psf. Trusses shall be designed for a design wind explosion of 20 psf. Trusses shall be designed for a design wind impact of 20 psf. Trusses shall be designed for a design wind collision of 20 psf. Trusses shall be designed for a design wind contact of 20 psf. Trusses shall be designed for a design wind interference of 20 psf. Trusses shall be designed for a design wind obstruction of 20 psf. Trusses shall be designed for a design wind barrier of 20 psf. Trusses shall be designed for a design wind screen of 20 psf. Trusses shall be designed for a design wind deflection of 20 psf. Trusses shall be designed for a design wind vibration of 20 psf. Trusses shall be designed for a design wind noise of 20 psf. Trusses shall be designed for a design wind odor of 20 psf. Trusses shall be designed for a design wind dust of 20 psf. Trusses shall be designed for a design wind debris of 20 psf. Trusses shall be designed for a design wind fire of 20 psf. Trusses shall be designed for a design wind explosion of 20 psf. Trusses shall be designed for a design wind impact of 20 psf. Trusses shall be designed for a design wind collision of 20 psf. Trusses shall be designed for a design wind contact of 20 psf. Trusses shall be designed for a design wind interference of 20 psf. Trusses shall be designed for a design wind obstruction of 20 psf. Trusses shall be designed for a design wind barrier of 20 psf. Trusses shall be designed for a design wind screen of 20 psf. Trusses shall be designed for a design wind deflection of 20 psf.

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 the attention of Home Plans, Inc. Attention before construction begins. Trusses shall be designed for a design snow load of 30 psf and a design wind speed of 140 mph. Trusses shall be designed for a design temperature of 0°F. Trusses shall be designed for a design seismicity of 0.2. Trusses shall be designed for a design live load of 20 psf. Trusses shall be designed for a design dead load of 10 psf. Trusses shall be designed for a design wind uplift of 20 psf. Trusses shall be designed for a design wind downlift of 20 psf. Trusses shall be designed for a design wind lateral load of 20 psf. Trusses shall be designed for a design wind overturning moment of 20 psf. Trusses shall be designed for a design wind vibration of 20 psf. Trusses shall be designed for a design wind noise of 20 psf. Trusses shall be designed for a design wind odor of 20 psf. Trusses shall be designed for a design wind dust of 20 psf. Trusses shall be designed for a design wind debris of 20 psf. Trusses shall be designed for a design wind fire of 20 psf. Trusses shall be designed for a design wind explosion of 20 psf. Trusses shall be designed for a design wind impact of 20 psf. Trusses shall be designed for a design wind collision of 20 psf. Trusses shall be designed for a design wind contact of 20 psf. Trusses shall be designed for a design wind interference of 20 psf. Trusses shall be designed for a design wind obstruction of 20 psf. Trusses shall be designed for a design wind barrier of 20 psf. Trusses shall be designed for a design wind screen of 20 psf. Trusses shall be designed for a design wind deflection of 20 psf.

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 the attention of Home Plans, Inc. Attention before construction begins. Trusses shall be designed for a design snow load of 30 psf and a design wind speed of 140 mph. Trusses shall be designed for a design temperature of 0°F. Trusses shall be designed for a design seismicity of 0.2. Trusses shall be designed for a design live load of 20 psf. Trusses shall be designed for a design dead load of 10 psf. Trusses shall be designed for a design wind uplift of 20 psf. Trusses shall be designed for a design wind downlift of 20 psf. Trusses shall be designed for a design wind lateral load of 20 psf. Trusses shall be designed for a design wind overturning moment of 20 psf. Trusses shall be designed for a design wind vibration of 20 psf. Trusses shall be designed for a design wind noise of 20 psf. Trusses shall be designed for a design wind odor of 20 psf. Trusses shall be designed for a design wind dust of 20 psf. Trusses shall be designed for a design wind debris of 20 psf. Trusses shall be designed for a design wind fire of 20 psf. Trusses shall be designed for a design wind explosion of 20 psf. Trusses shall be designed for a design wind impact of 20 psf. Trusses shall be designed for a design wind collision of 20 psf. Trusses shall be designed for a design wind contact of 20 psf. Trusses shall be designed for a design wind interference of 20 psf. Trusses shall be designed for a design wind obstruction of 20 psf. Trusses shall be designed for a design wind barrier of 20 psf. Trusses shall be designed for a design wind screen of 20 psf. Trusses shall be designed for a design wind deflection of 20 psf.

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

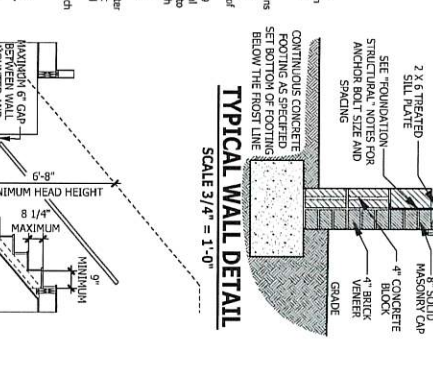
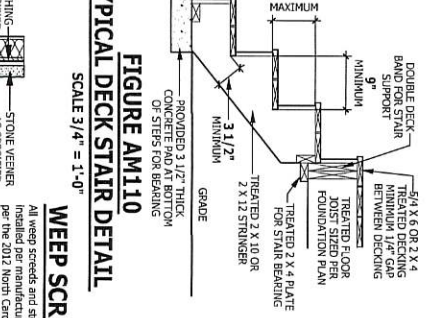
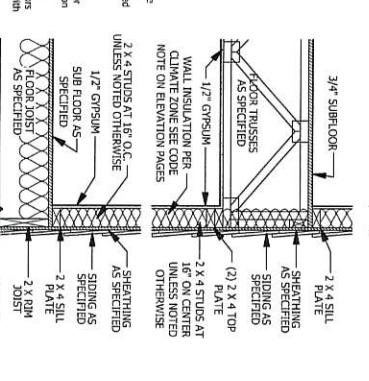
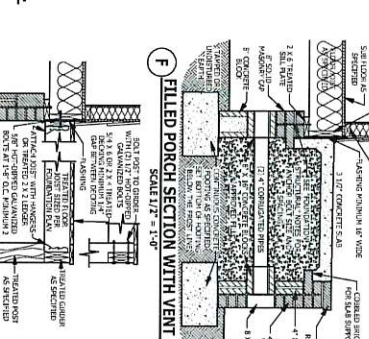
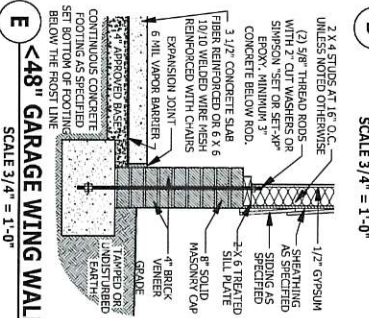
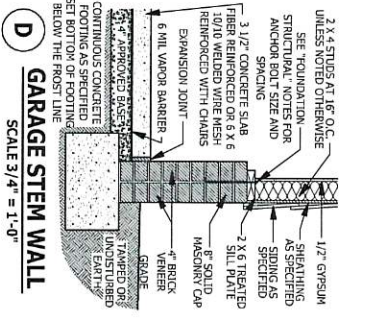
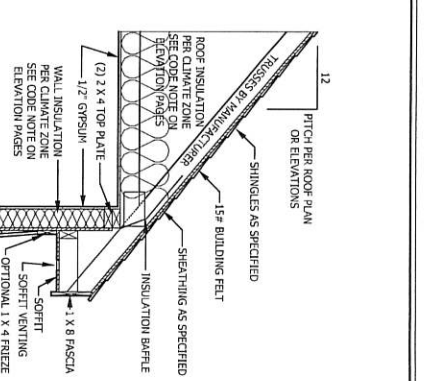
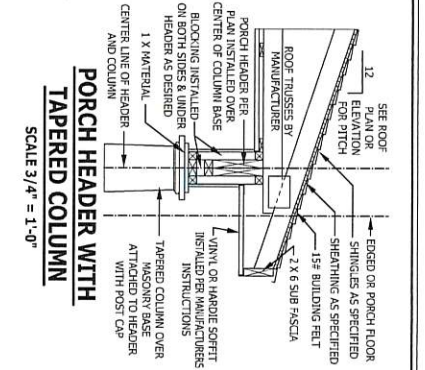
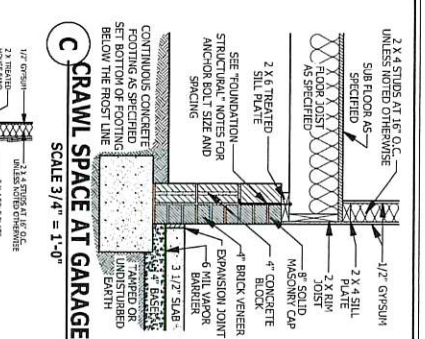
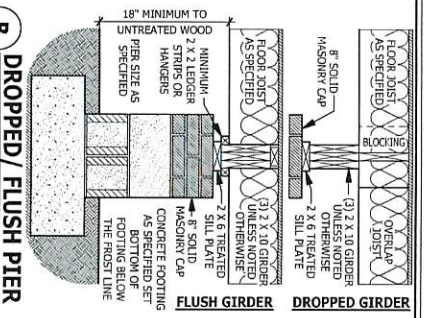
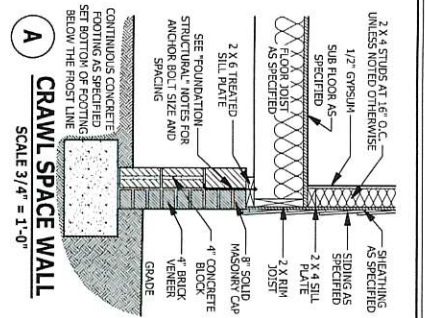
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ROOF PLAN
THE GASTON II

HAYNES WEAVER HOMES
910.630.2100 • 910.606.4696
201 W. Weaver Park, Fayetteville, NC 27808

SQUARE FOOTAGE	HEATED	UNHEATED	TOTAL
796 SQ. FT.	796 SQ. FT.	0 SQ. FT.	796 SQ. FT.
1883 SQ. FT.	1883 SQ. FT.	0 SQ. FT.	1883 SQ. FT.
2679 SQ. FT.	2679 SQ. FT.	0 SQ. FT.	2679 SQ. FT.
3575 SQ. FT.	3575 SQ. FT.	0 SQ. FT.	3575 SQ. FT.
4471 SQ. FT.	4471 SQ. FT.	0 SQ. FT.	4471 SQ. FT.
5367 SQ. FT.	5367 SQ. FT.	0 SQ. FT.	5367 SQ. FT.
6263 SQ. FT.	6263 SQ. FT.	0 SQ. FT.	6263 SQ. FT.
7159 SQ. FT.	7159 SQ. FT.	0 SQ. FT.	7159 SQ. FT.
8055 SQ. FT.	8055 SQ. FT.	0 SQ. FT.	8055 SQ. FT.
8951 SQ. FT.	8951 SQ. FT.	0 SQ. FT.	8951 SQ. FT.
9847 SQ. FT.	9847 SQ. FT.	0 SQ. FT.	9847 SQ. FT.
10743 SQ. FT.	10743 SQ. FT.	0 SQ. FT.	10743 SQ. FT.
11639 SQ. FT.	11639 SQ. FT.	0 SQ. FT.	11639 SQ. FT.
12535 SQ. FT.	12535 SQ. FT.	0 SQ. FT.	12535 SQ. FT.
13431 SQ. FT.	13431 SQ. FT.	0 SQ. FT.	13431 SQ. FT.
14327 SQ. FT.	14327 SQ. FT.	0 SQ. FT.	14327 SQ. FT.
15223 SQ. FT.	15223 SQ. FT.	0 SQ. FT.	15223 SQ. FT.
16119 SQ. FT.	16119 SQ. FT.	0 SQ. FT.	16119 SQ. FT.
17015 SQ. FT.	17015 SQ. FT.	0 SQ. FT.	17015 SQ. FT.
17911 SQ. FT.	17911 SQ. FT.	0 SQ. FT.	17911 SQ. FT.
18807 SQ. FT.	18807 SQ. FT.	0 SQ. FT.	18807 SQ. FT.
19703 SQ. FT.	19703 SQ. FT.	0 SQ. FT.	19703 SQ. FT.
20599 SQ. FT.	20599 SQ. FT.	0 SQ. FT.	20599 SQ. FT.
21495 SQ. FT.	21495 SQ. FT.	0 SQ. FT.	21495 SQ. FT.
22391 SQ. FT.	22391 SQ. FT.	0 SQ. FT.	22391 SQ. FT.
23287 SQ. FT.	23287 SQ. FT.	0 SQ. FT.	23287 SQ. FT.
24183 SQ. FT.	24183 SQ. FT.	0 SQ. FT.	24183 SQ. FT.
25079 SQ. FT.	25079 SQ. FT.	0 SQ. FT.	25079 SQ. FT.
25975 SQ. FT.	25975 SQ. FT.	0 SQ. FT.	25975 SQ. FT.
26871 SQ. FT.	26871 SQ. FT.	0 SQ. FT.	26871 SQ. FT.
27767 SQ. FT.	27767 SQ. FT.	0 SQ. FT.	27767 SQ. FT.
28663 SQ. FT.	28663 SQ. FT.	0 SQ. FT.	28663 SQ. FT.
29559 SQ. FT.	29559 SQ. FT.	0 SQ. FT.	29559 SQ. FT.
30455 SQ. FT.	30455 SQ. FT.	0 SQ. FT.	30455 SQ. FT.
31351 SQ. FT.	31351 SQ. FT.	0 SQ. FT.	31351 SQ. FT.
32247 SQ. FT.	32247 SQ. FT.	0 SQ. FT.	32247 SQ. FT.
33143 SQ. FT.	33143 SQ. FT.	0 SQ. FT.	33143 SQ. FT.
34039 SQ. FT.	34039 SQ. FT.	0 SQ. FT.	34039 SQ. FT.
34935 SQ. FT.	34935 SQ. FT.	0 SQ. FT.	34935 SQ. FT.
35831 SQ. FT.	35831 SQ. FT.	0 SQ. FT.	35831 SQ. FT.
36727 SQ. FT.	36727 SQ. FT.	0 SQ. FT.	36727 SQ. FT.
37623 SQ. FT.	37623 SQ. FT.	0 SQ. FT.	37623 SQ. FT.
38519 SQ. FT.	38519 SQ. FT.	0 SQ. FT.	38519 SQ. FT.
39415 SQ. FT.	39415 SQ. FT.	0 SQ. FT.	39415 SQ. FT.
40311 SQ. FT.	40311 SQ. FT.	0 SQ. FT.	40311 SQ. FT.
41207 SQ. FT.	41207 SQ. FT.	0 SQ. FT.	41207 SQ. FT.
42103 SQ. FT.	42103 SQ. FT.	0 SQ. FT.	42103 SQ. FT.
43000 SQ. FT.	43000 SQ. FT.	0 SQ. FT.	43000 SQ. FT.

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PAGE 7 OF 8



SECTION A110
 UNLESS NOTED OTHERWISE
 SEE FOUNDATION NOTES FOR ANCHOR BOLT SIZE AND SPACING
 2 X 4 STUDS AT 16\"/>

SECTION A110
 UNLESS NOTED OTHERWISE
 SEE FOUNDATION NOTES FOR ANCHOR BOLT SIZE AND SPACING
 2 X 4 STUDS AT 16\"/>

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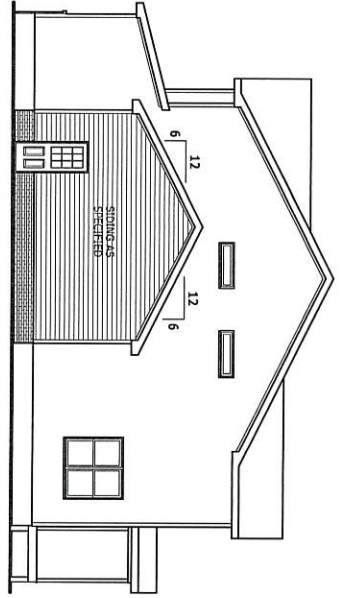
SECTION A110
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 SEE FOUNDATION NOTES FOR ANCHOR BOLT SIZE AND SPACING
 2 X 4 STUDS AT 16\"/>

POST	MAXIMUM PERMISSIBLE CONCRETE STRENGTH	MINIMUM CONCRETE STRENGTH	MINIMUM CONCRETE STRENGTH	MINIMUM CONCRETE STRENGTH
SIZE	HEIGHT	WIDTH	DEPTH	DEPTH
4 X 4	120\"/>			

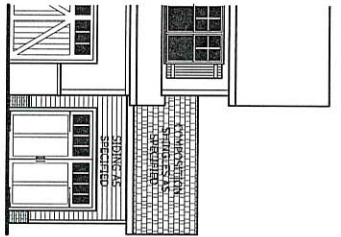
SQUARE FOOTAGE	PER SQUARE FOOT	PER SQUARE FOOT	PER SQUARE FOOT	PER SQUARE FOOT
181.0358	181.0358	181.0358	181.0358	181.0358

HAYNES WEAVER HOMES
 HOME PLANS, INC.
 P.O. BOX 702, WAKE FOREST, NC 27588 919-435-6180 FAX 1-866-481-0386

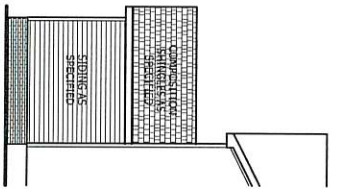
TYPICAL DETAILS THE GASTON II



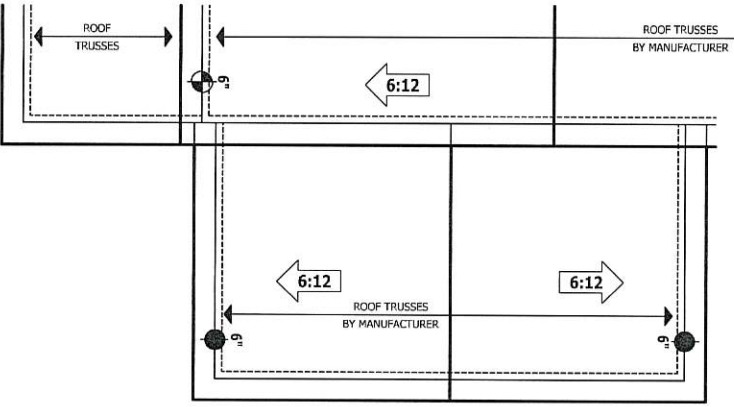
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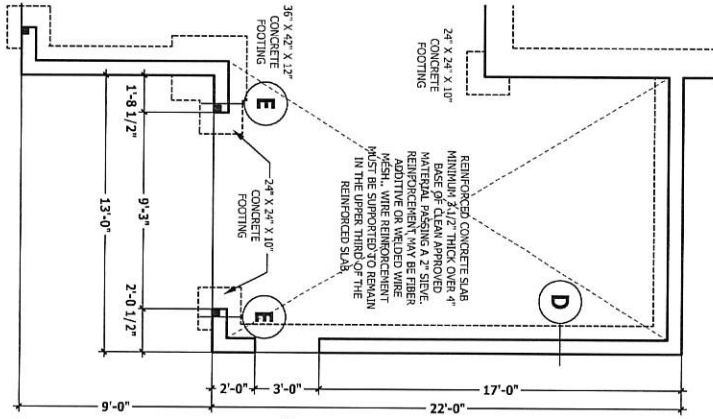
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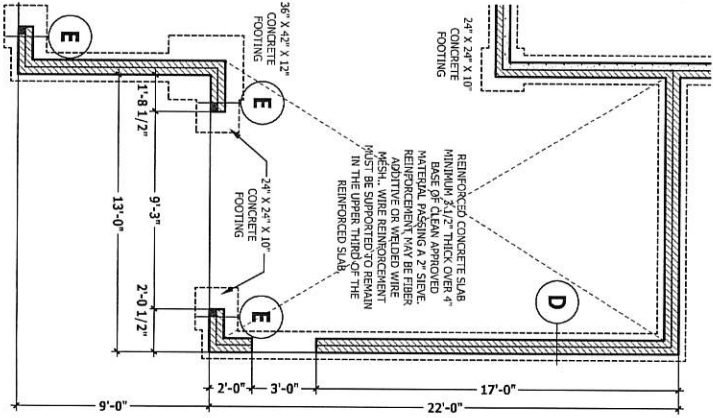
REAR ELEVATION
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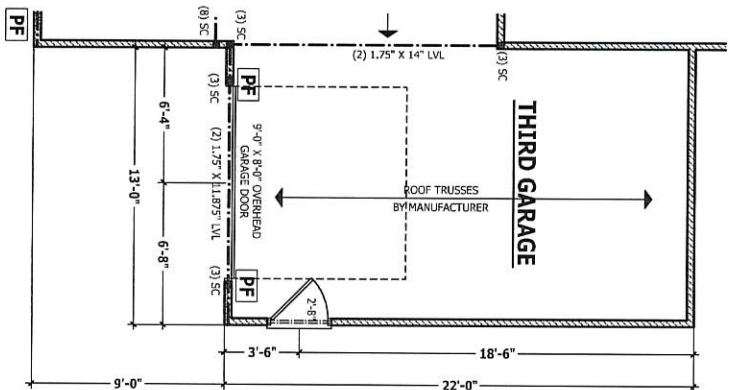
ROOF PLAN
SCALE 1/4" = 1'-0"



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



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



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

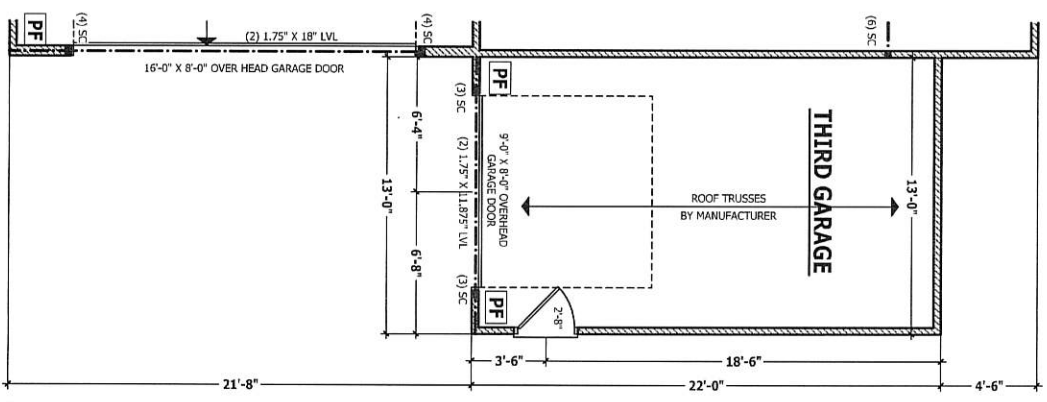
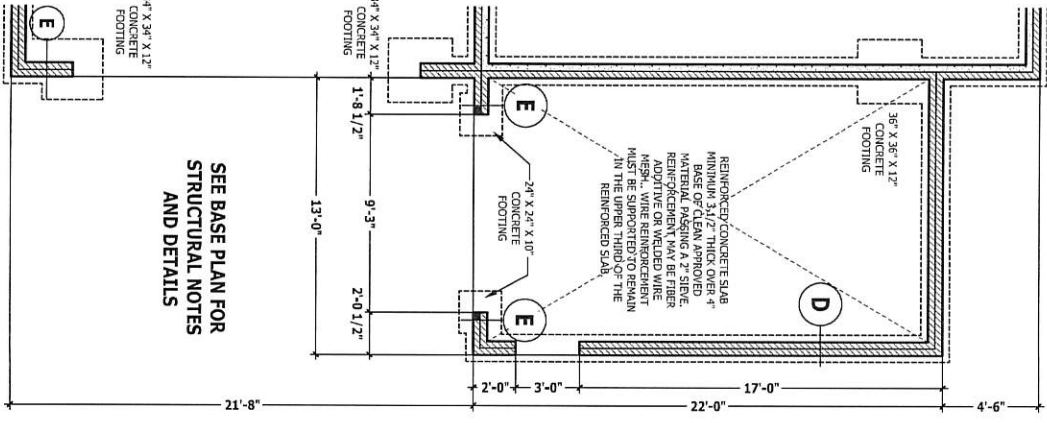
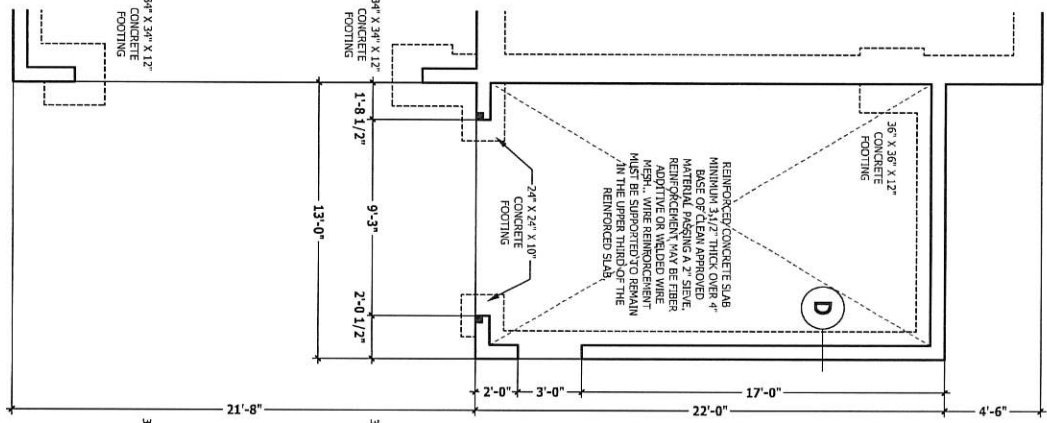
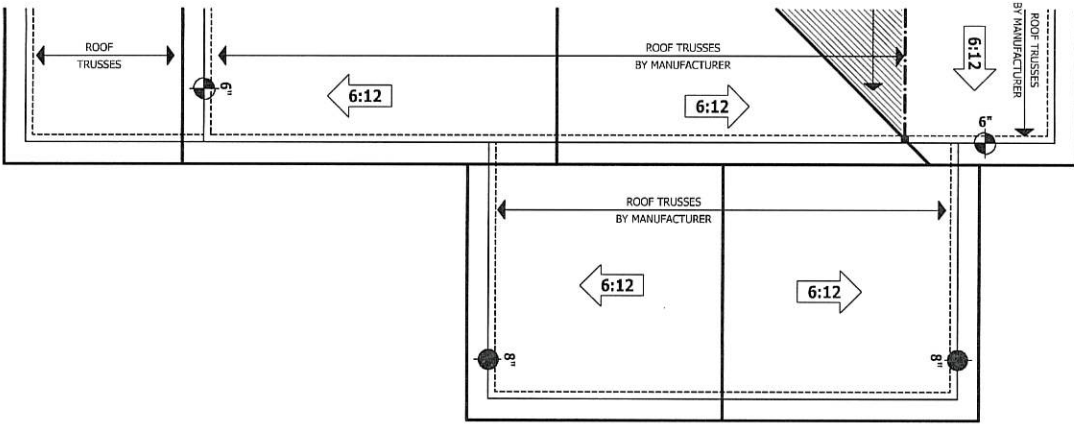
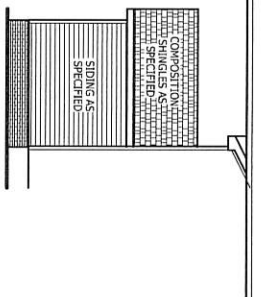
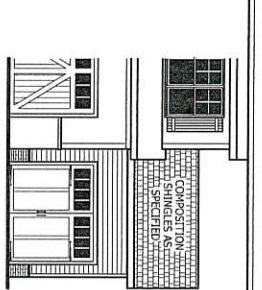
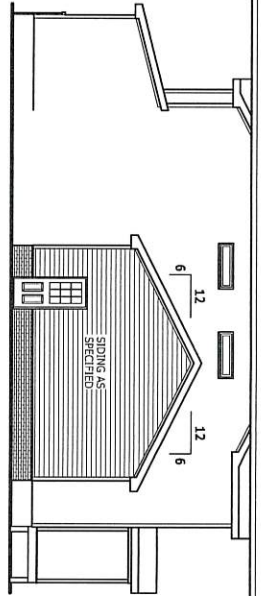
SIDE LOAD THIRD CAR
THE GASTON II

HAYNES WEAVER
HOME PLANS, INC.
P.O. Box 702, Wake Forest, NC 27788 919-436-6180 Fax: 1-866-491-0396
910.630.2100 919.606.4696
300 Virginia Farm, Forest Hills, NC 27538

SQUARE FOOTAGE	
HEATED	2745 SQ FT
UNHEATED	245 SQ FT
TOTAL	3000 SQ FT
FINISHED	2745 SQ FT
UNFINISHED	245 SQ FT
TOTAL	3000 SQ FT

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ADDENDUM

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**FRONT LOAD THIRD CAR
THE GASTON II**

HAYNES WEAVER HOME PLANS, INC.
910.630.2100 919.606.4696
P.O. Box 702, Wake Forest, NC 27588 919.436.6180 Fax: 1-866-491-0396

SQUARE FOOTAGE	
REAR PORCH	75 SQ. FT.
FRONT PORCH	75 SQ. FT.
SCREENED PORCH	75 SQ. FT.
COVERED PATIO	75 SQ. FT.
UNCOVERED PATIO	75 SQ. FT.
TOTAL AREA	285 SQ. FT.
TOTAL AREA	285 SQ. FT.
TOTAL AREA	285 SQ. FT.

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