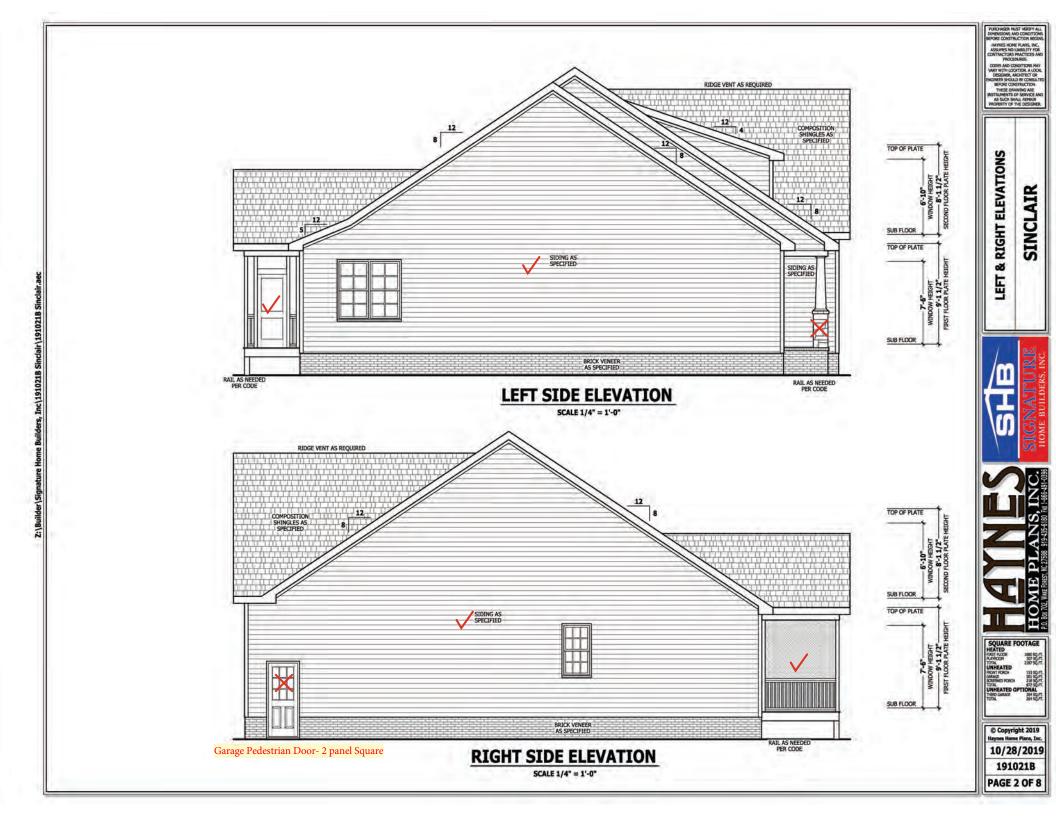
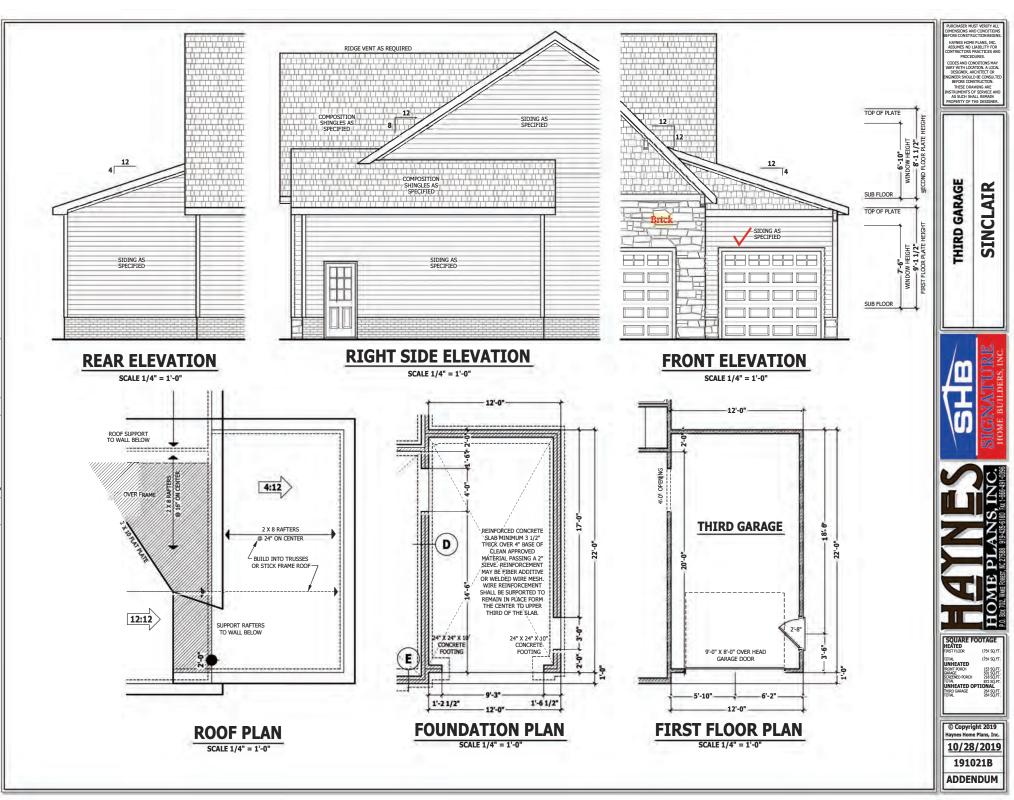
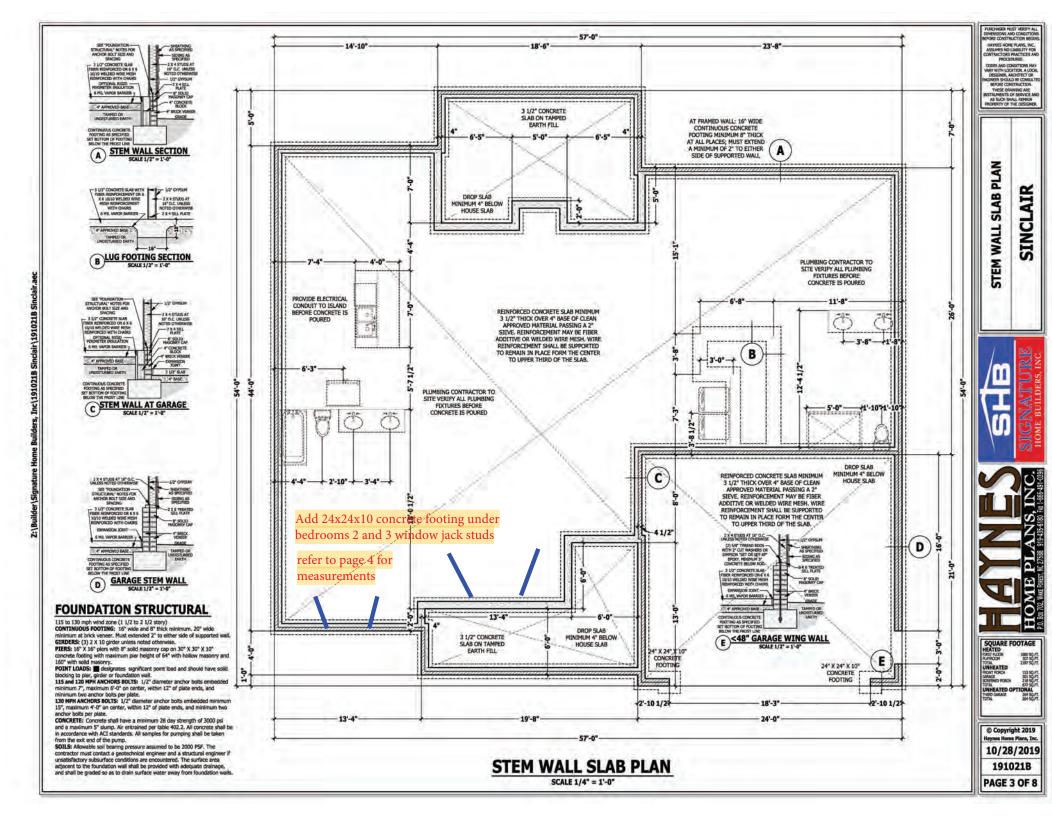


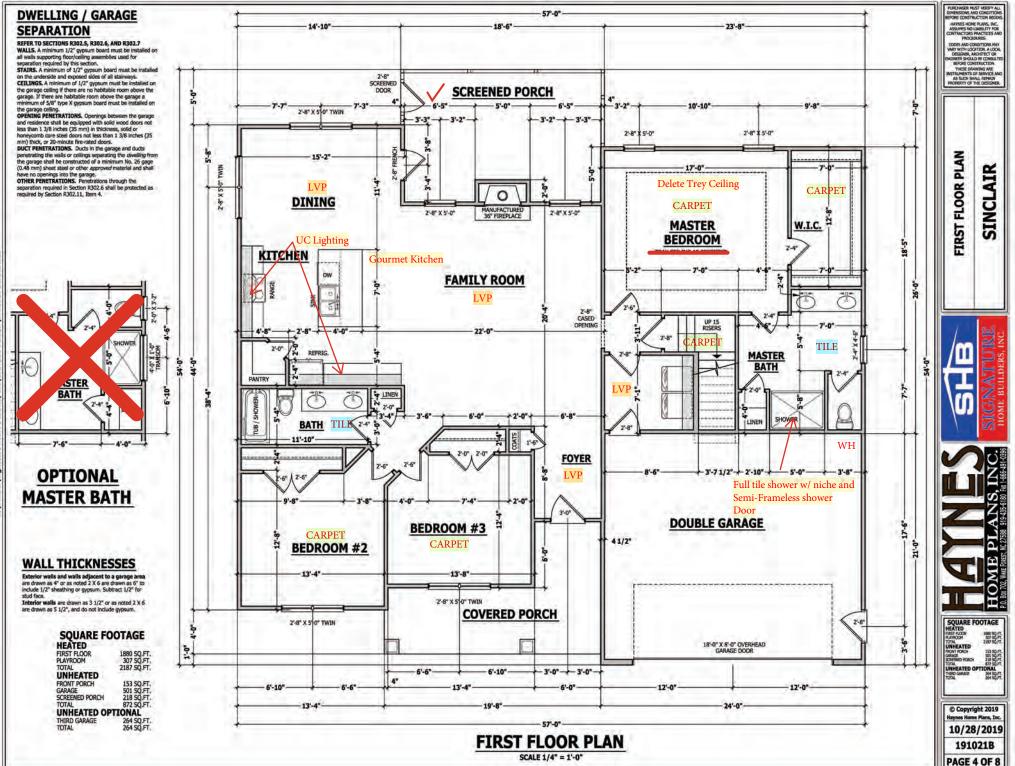
Builders, Inc/191021B Sinclair/191021B Sinclair.a

Z:\Builder\Signature Home









2:\Builder\Signature Home Builders, Inc\191021B Sinclair\191021B Sinclair.ae

## 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 Caroline Residential Building Code, pius all local codes and regulations. This document in no way shall be construed to supersed the code. JOB STEP PACTICES AND SAFETY: Haynes Home Plans, Tr., assumes no lutality for contractors practices and proceedures or seriety program. Haynes Home Plans, Tric takes no responsibility for the contractor's failure to camy out the construction work in accordance with the contract documents. All members shall be framed, anchorad, and braced in accordance with good construction practice and the building code.

DESIGN LOADS	LIVE LOAD	DEAD LOAD	DEFLECTION
USE	(PSF)	(PSF)	(11)
Attics without storage	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	1/360
Rooms other than sleeping	40	10	L/360
Sleeping rooms	30	10	L/360
Stairs	40	2	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 BEAMS Laminated veneer lumber (LVL) = Fb=2600 PSI, Fv=285 PSI, E=1,9x106 PSI

Transition of the function (LCL) = 502,000 F31, (F=203 F31, E=1, 34100 F3 Parallel strand lumber (FSL) = 562,200 F3L (F=20,0010 F3L Laminated strand lumber (LSL) F0=2250 F3L, Fv=400 FSL E=2.0010 F3L Install all connections per manufactures instructions. TRUSS AND 1-JOIST MEMBERS: All roof truss and 1-joist layouts shall be prepared in accordance with this document. Trusses and 1-joists shall be installed according to the manufacture's specifications. Any change in truss or 1-joist layout shall be coordinated with Haynes Homes Plans, Inc. LINTELS: Binck lintels shall be 3 1/2" × 3 1/2" × 3/4" steel angle for up to LINTELS: Brick intels shall be 3 1/2" × 3 1/2" × 1/4" steel angle for up to 6" 07 space, 6" × 5/16" steel angle with 6" leg vertical for spaces up to 9" of undess noted <u>whences</u> 1 1/2" × 1/2" × 1/4" steel angle with 1/2" biotics 42" of 0 angle 100 steel up to 1 × 1" undes noted otherwise. FLOOR SHEATHING: OSB or CDX floor sheathing minimum 1/2" thick for 16" on center jois (Bacing, minimum 3/4" thick for 2 × 1 on center jois spacing. **MOOS SHEATHING:** OSB or CDX floor sheathing minimum 3/6" thick for 16" on center jois transmission 3/4" thick for 2 × 1 on center jois spacing. **MOOS SHEATHING:** OSB or CDX of sheathing minimum 3/6" thick for 16" on center raitmes 1/4" 1/16" for 2 × 1 on center raitmes. **CORCENTE AND BOLIS:** See Herodostin whete-

# BRACE WALL PANEL NOTES

Builders, Inc/191021B Sinclair/191021B Sinclair.

Home

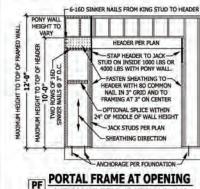
Z:\Builder\Sig

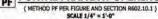
EXTERIOR WALLS: All exterior walls to be sheathed with CS-WSP or CS-SFB in accordance with section R602.10.3 unless

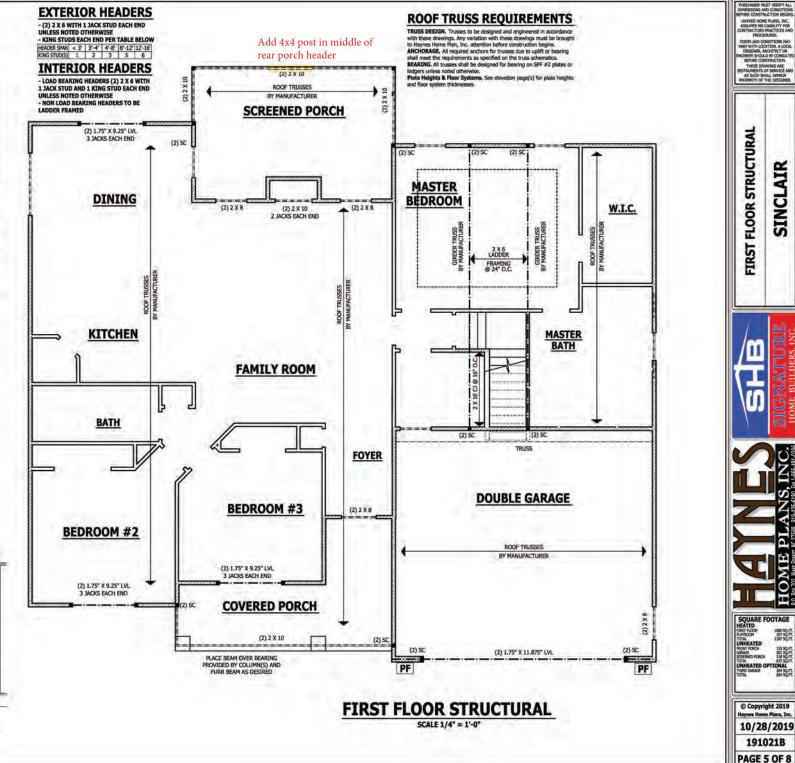
GYPSUM: All Interior sides of exterior walls and both sides interior will be have 12° gryoting traditional and a state of a second model of the second se The top to be reacting by unite root. Note: REQUIRED LINGTH OF BRACING: Required brace wall length for each side of the circumscribed rectangle and hterpolated per table R602.10.3. Methods CS-WSP and CS-WSP contribute their actual length. Methods CS-WSP and CS-WSP contribute Method PF contributes 1.5 times its actual length HD: 800 lbs hold down hold down device fastered 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 of 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 nalled at 3° on center at edges and 3° on center at intermediate supports with 1 1/2° long x 0.12° diameter galvanized roofing

GB: Interior walls show as GB are to have minimum 1/2" gypsum board on both sides of the wail fastened at 7<sup>th</sup> on center at edges and 7<sup>th</sup> on center at intermediate supports with minimum 5d cooler nails or #6 screw: PF: Portal fame per figure R602.10.1





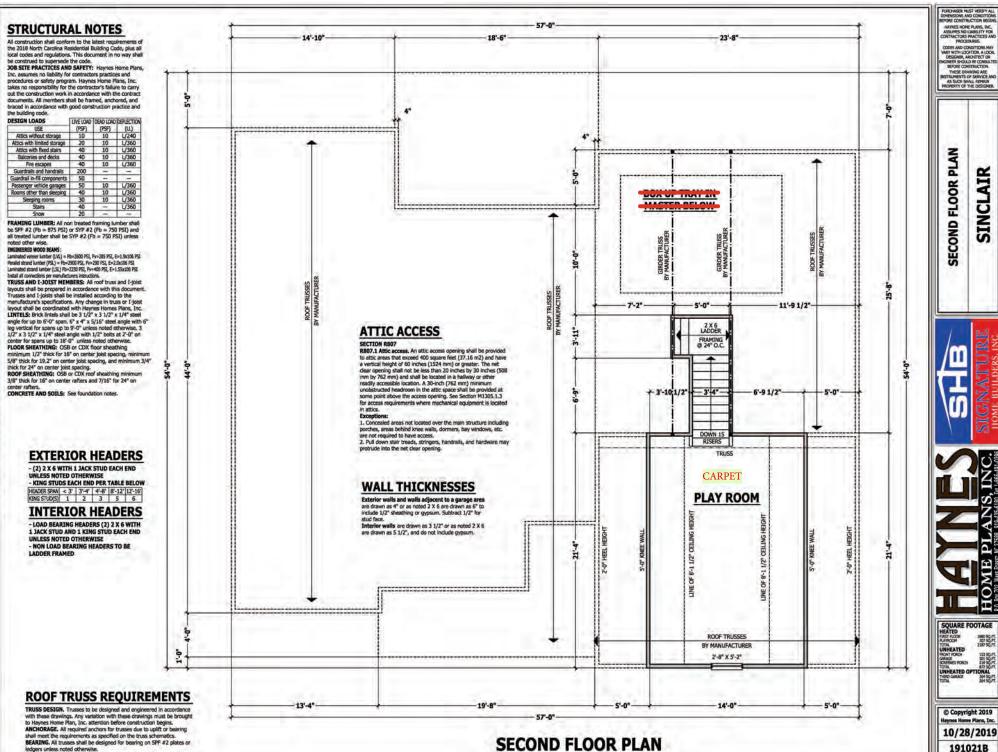


SINCLAIR

0

1880 SQ /T 307 SQ /T 2187 SQ /T

264 50 FT



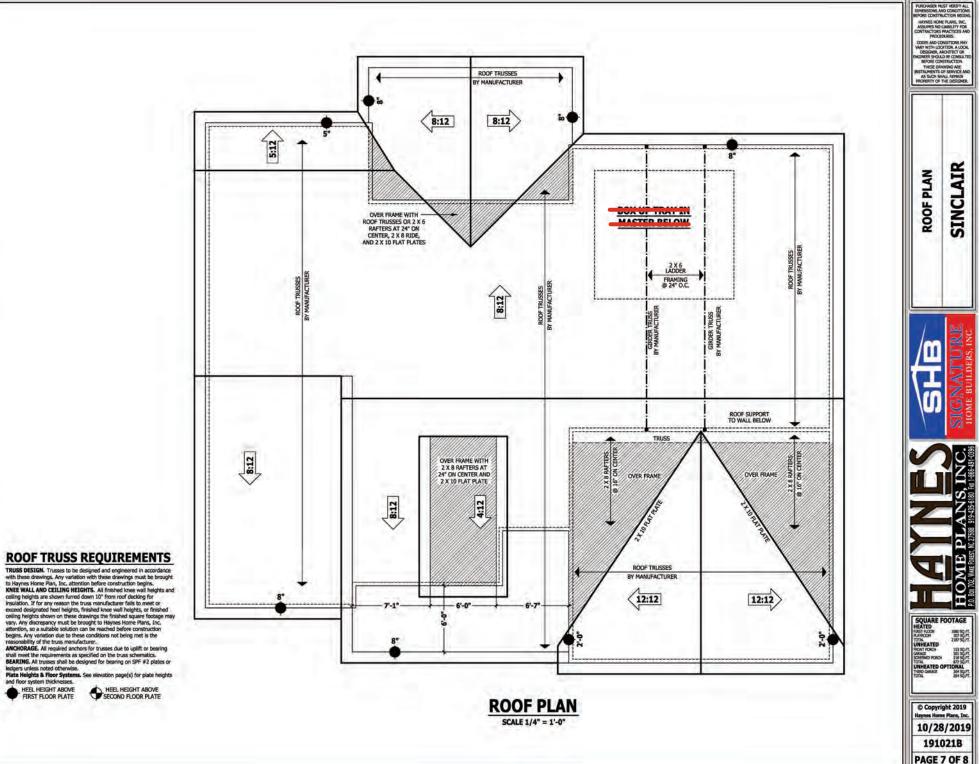
SCALE 1/4" = 1'-0"

PAGE 6 OF 8

# Builders, Inc/191021B Sinclair/191021B Sinclair.aec

Z:\Builder\Signature Home

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 thickness



# **ROOF TRUSS REQUIREMENTS**

and floor system thicknesses.

