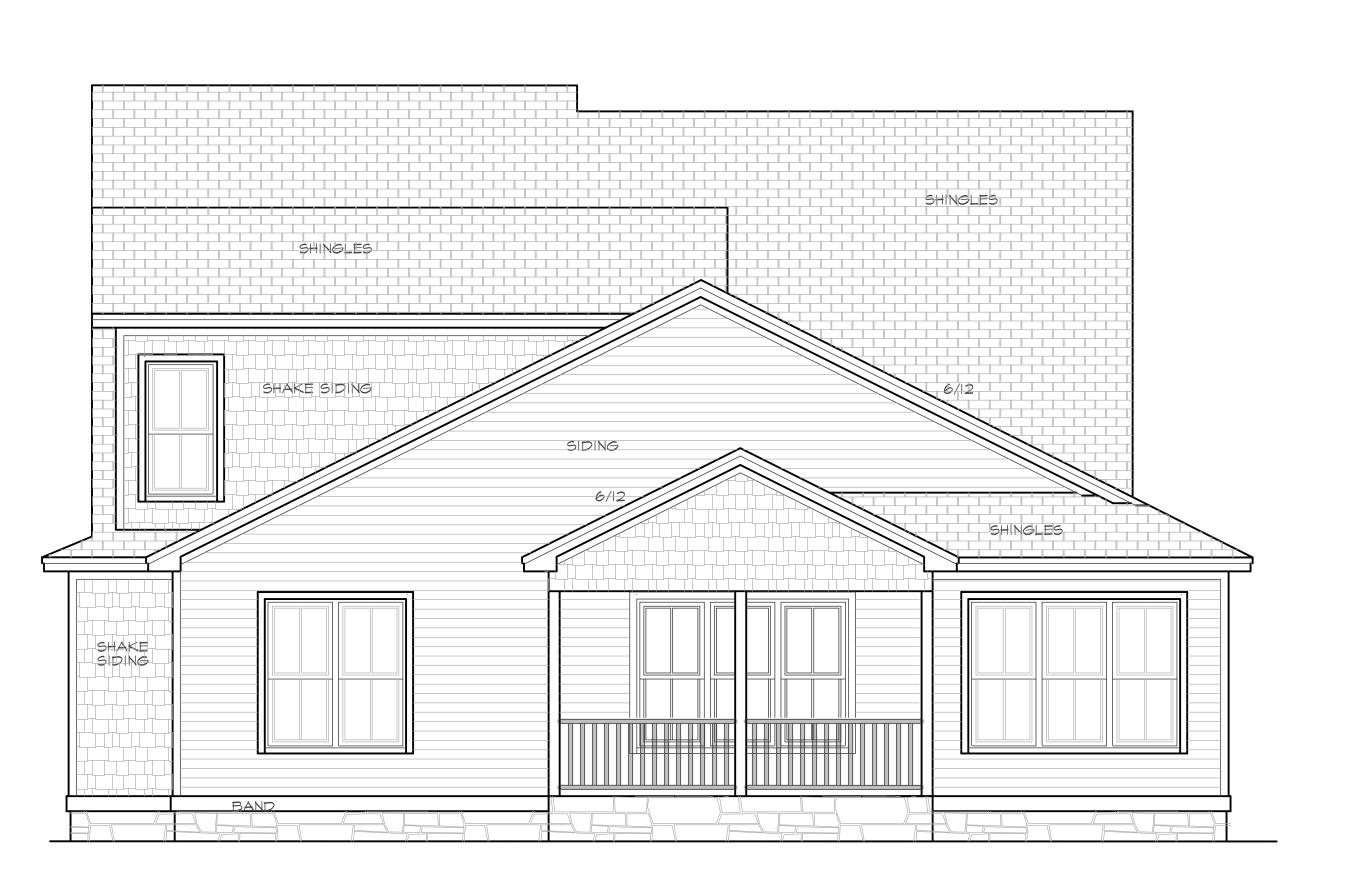
ATTIC VENTILATION: THE NOT HAVE AND SHALL BE NOT INCOME. THE NOTICE OF THE NOT

FRONT ELEVATION

SCALE 1/4" = 1'0"



REAR ELEVATION

SCALE 1/4" = 1'0"



Purchaser must verify all dimensions and conditions before beginning construction.

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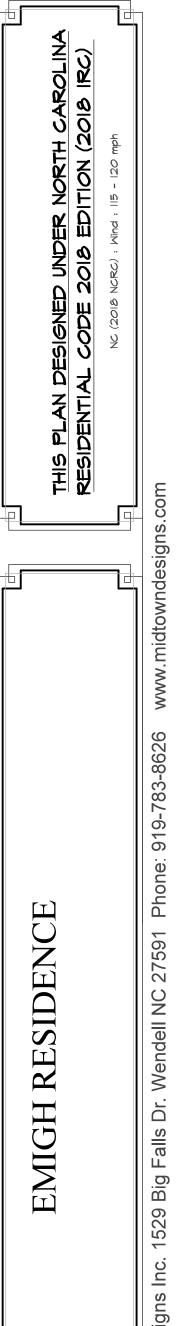
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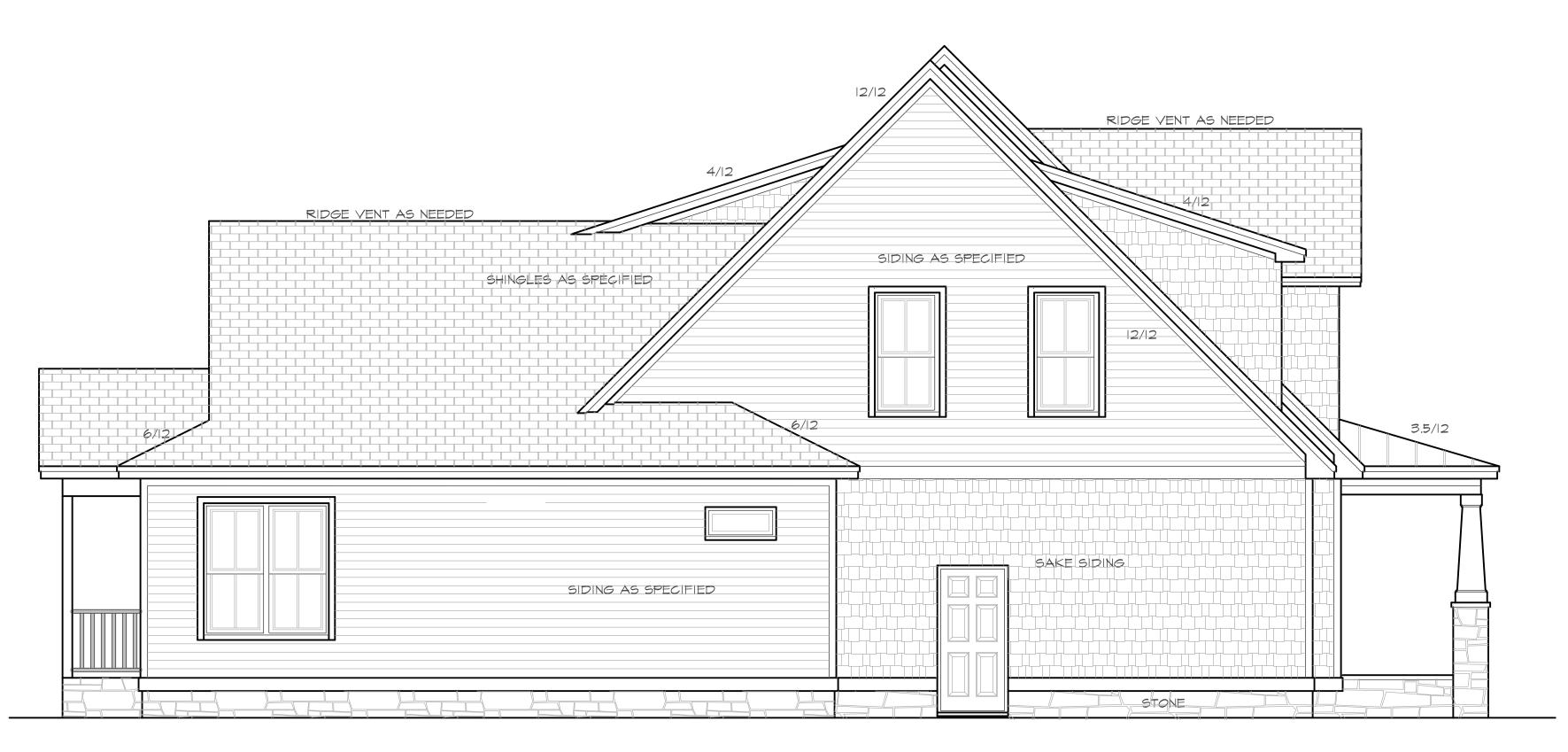
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PROJECT #



LEFT SIDEVELEVATION

SCALE 1/4" = 1'0"



RIGHT SIDEVELEVATION

SCALE 1/4" = 1'0"



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- 1. Framing lumber shall be SYP or #2 SPF (modulus of of elasticity 1,100,000 psi, fb 950). All beams & treated lumber to be #2 SYP, E=1,600,000, fb=1100 min. Studs min.#2 or stud grade.
- 2. Use hangers for all beam to beam connections Structural fastening as per R602.3(1). Adequate connections is the sole responsibility of the general contractor and his subs.
- 3. Structural members fastening to conform to Table R602.3(1) and (2).
- 4. Roof Framing Notes: a. Dbl Hips may be spliced with a min, 6'-0" overlap at center. No valley splices
 b. Use 2x10 or fir down rafters for vaulted areas

c. Attach each vaulted rafters with hurricane

- connectors: Simpson H-2.5, H-5 or approved egual or 6" SDWC's. 5. All construction shall conform to the latest requirements
- of the NC State Residential Building Code 2018 Edition, plus all local codes & regulations or 2015 IBC. 6. Structural Engineer is not responsible for and will not control of construction means, methods, techniques.
- sequences or procedures, or for safety precautions and programs in connection with the construction work. 7. Structural Engineer is not responsible for the contractor's failure to carry out the proposed construction work in
- accordance with the contract document. 8. Use Method #3 for Structural Sheathing: "Accepted Engineer's Practice"

FRAMING NOTES:

1. Design Loads (R301.5) Live Loads Dead Rooms not for Sleeping Sleeping Rooms Attic w/Permanent Stairs Attic w/o Permanent Stairs Attic w/o Storage **Exterior Balconies** Guardrails & Handrails Passenger Vehicle Garages 50 Fire Escapes

Wind Load: (Refer to Table R301.2.4) Verify Zone before Construction Wake County 115 mph
2. Wall Bracing: Braced wall panels shall be

constructed according to section R602.103. The wall structural paneling shall comply with Table R602.103. The length of braced panels shall be determined by section R602.10.4. Lateral bracing shall be satisfied per method 3 by continuously sheathing walls with structural sheathing per Table 601.3. Note that any specific braced wall detail shall be installed as specified. 3. All framing lumber shall be SPF#2 (Fb=875 psi) unless otherwise noted (UNO). All treated lumber shall be SYP#2 (Fb=975 psi). Plate material may

be SPF#3 or SYP#3 (Fc (perp.) = 425 psi min.) 4. All exterior headers to be (2)2x10 spf. u.n.o w/ dbl. Jacks for all openings >5'-0". 5. All interior bearing headers to be (2)2x10 u.n.o. w/ dbl. jacks for all openings >4'-6", use (2)2x8

w/ dbl. Jacks for all openings >3'-0" u.n.o.

DOUBLE TOP PLATE -

SUB FLOOR¬

GIRDER

SEE FDN PLANS

FOR CONC. FTG.

MASONRY CAR 16"x16" MAS. PIER-OR SEE FDN. PLAN FOR PIER SIZE

P.T. 2x6 SILL PLATE—

ANCHOR BOLT

@60" ON CENTER & WITHIN 12" OF SILL PLATE

END (EMBED 7")

XPANSION IOINT-

4" CONCRETE SLAB

FIBERMESH

4"OF GRAVEL &-

6MIL PLASTIC

EXTERIOR SIDING - 2x4 @16" WALL SUBFLOOR LEVEL

(TYP.) (U.N.O.)

√4" & 8" MASONRY BLOCK

(VAR. HT. PER SITE

PER BUILDER)

- FILL AREA w/COMPACTED

OVERLAP JOIST w/ BLOCKING BETWEEN

EXTERIOR SIDING

2x10 BAND

4" CMU BLOCK

PER BUILDER)

8" MASONRY BLOCK

& 4" BRICK VENEER

(VAR. HT. PER SITE

PER BUILDER)

FOUNDATION WALL

E DETAIL OF FRONT PORCH WALL

IMPERVIOUS SOILS

B FOUNDATION WALL @GARAGE CONCRETE SLAB

FLOOR JOIST

O DROPPED GIRDER

DOUBLE TOP PLATE

P.T. 2x6 SILL PLATE -

SEE FDN PLANS — FOR CONC. FTG.

4" CONCRETE SLAB-

OR BRICK PAVERS w/6"x6" WW OR FIBERMESH

4"OF GRAVEL & —

FILL AREA w/COMPACTED -IMPERVIOUS SOILS

6MIL PLASTIC

½" GALVANIZED
ANCHOR BOLT
@60" ON CENTER
& WITHIN 12"
OF SILL PLATE
END (EMBED 7")

2x4 @16" WALL— SUBFLOOR LEVEL (TYP.) (U.N.O.)

SUBFLOOR \

6. All interior non-bearing headers to be min. (2)2x4 flat u.n.o. 7. Fireblock to conform with R602.8

FOUNDATION NOTES:

1. Deck posts min. 4'-0" above grade are to be knee or diagonally braced per Appendix M. fastening to house will be by nailer with 5/8" galvanized bolts @ 20" o.c. and 12d hot dipped galv. @ 42"o.c.

- 2. Corners shall be braced with one of the approved methods as outlined in R602.10.3. 3. Structural members fastening to conform to Table R602.3(1) and (2).
- pier and footing, respectively. 5. 2018 NC State Residential Building Code apply to the construction of footings.

 6. Typical lug footing to be 18"x 8"deep, (UNO) 7. Pressure treated wood shall be installed for
- exterior use. 8. Hanger Schedule (Simpson hangers) for beam to beam connections (UNO) a. (2)2x10's: LUS210-2 b. (3)2x10's: LUS210-3 c. (2)9-1/4 LVL's: HUS410
- 9. Concrete shall have min. 28 day strength of 3000 psi. and max. Slump of 5 inches unless noted otherwise (UNO). Air entrained per Table 4022. All concrete shall be proportioned, mixed, handled, sampled, tested, and placed in accordance with ACI current standards. All samples for pumping shall be taken from the exit
- 10. Allowable soil bearing pressure assumed to be 2000 psf. The contractor must contact Geotechnical Engineer & the Structural Engineer if unsatisfactory subsurface conditions are encountered. The surface area adjacent to the foundation wall shall be provided adequate drainage, and shall be graded so as to drain surface water away from foundation walls

4. Girders and piers shall bear on center 1/3 of

FOUNDATION STRUCTURAL NOTES:

RESIDENTIAL CODE 2018 EDITION

R408. Ventilation. The under-floor space between the bottom

of the floor joists and the earth under any building (except space occupied by a basement or cellar) shall be provided with ventilation openings through foundation walls or exterior walls. The minimum net area of ventilation openings

shall not be less than I square foot for each 150 square

space area. One such ventilating opening shall be within 3 feet (914 mm) of each corner of said building.

CRAWL AREA TO BE VENTED: 1602 SQ.FT.

feet (0.67 m squared for each 100 m squared) of under-floor

A minimum 6 mil. polyethlyne vapor retarder shall be installed

to cover all earth in the crawl space with joints lapped not

SEALED CRAWL SPACE BY OTHERS

1602/1500 = 1.068 NET FREE VENTING AREA REQUIRED

HOUSE DESIGNED FOR 115 MPH, EXPOSURE B

ANCHOR BOLTS SHALL BE MINIMUM 1/2 " DIAMETER &

SHALL EXTEND A MINIMUM OF 7" INTO MASONRY OR CONCRETE. ANCHOR BOLTS TO BE NO MORE THAN 6'-0" ON CENTER & WITHIN 12" OF ALL PLATE SPLICES.

FOUNDATION VENTING

SECTION R408 UNDER FLOOR SPACE

R408.2 Ground Vapor Retarder

 $\langle 1 \rangle$ (3) 2 x 10 SPF #2 GIRDER DROPPED, TYPICAL UNO. (2) CONCRETE BLOCK PIER SIZE SHALL BE: SOLID MASONRY SIZE HALLOW MASONRY 8 x 16 UP TO 32" HIGH UP TO 5'-0" HIGH 12 × 16 UP TO 48" HIGH UP TO 9'-0" HIGH 16×16 UP TO 64" HIGH UP TO 12'-0" HIGH 24 x 24 UP TO 96" HIGH WITH 30" × 30" × 10" CONCRETE FOOTING, UNO.

(3) WALL FOOTING AS FOLLOWS: DEPTH: 8" - UP TO 2-1/2 STORY

10" - 3 STORY WIDTH: SIDING (OR EQUAL) - 16" - UP TO 2-1/2 STORY - 18" - 3 STORY BRICK VENEER - 16" - 1 STORY

FOR FOUNDATION WALL HEIGHT AND BACKFILL REQUIREMENTS, REFER TO NORTH CAROLINA RESIDENTIAL CODE TABLE R404.I.I (I THRU 4) NOTE: ASSUMED SOIL BEARING CAPACITY = 2000 PSF. CONTRACTOR MUST VERIFY SITE CONDITIONS AND CONTACT SOILS ENGINEER IF MARGINAL OR UNSTABLE SOILS ARE ENCOUNTERED.

ATTACH SILL PLATE WITH 1/2"dia. ANCHOR BOLTS AT 6'-0" CENTERS (7" EMBEDMENT) AND 12" FROM EACH PLATE END. (SECTION R 403.1.6)

- 20" - 2 STORY

- 24" - 3 STORY

4 "" DESIGNATES A SIGNIFICANT POINT LOAD TO HAVE SOLID BLOCKING TO PIER. SOLID BLOCK ALL BEAM BEARING POINTS NOTED TO HAVE THREE OR

5 ABBREVIATIONS:

"SJ" = SINGLE JOIST "DJ" = DOUBLE JOIST "TJ" = TRIPLE JOIST

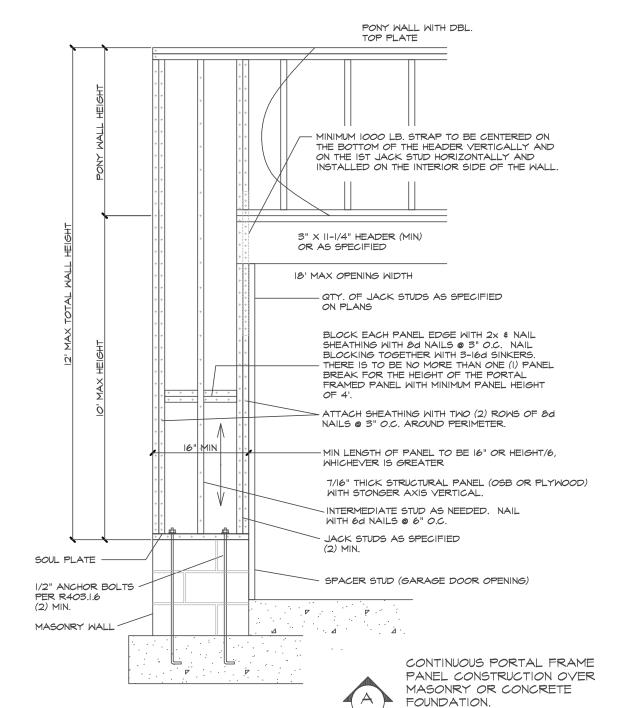


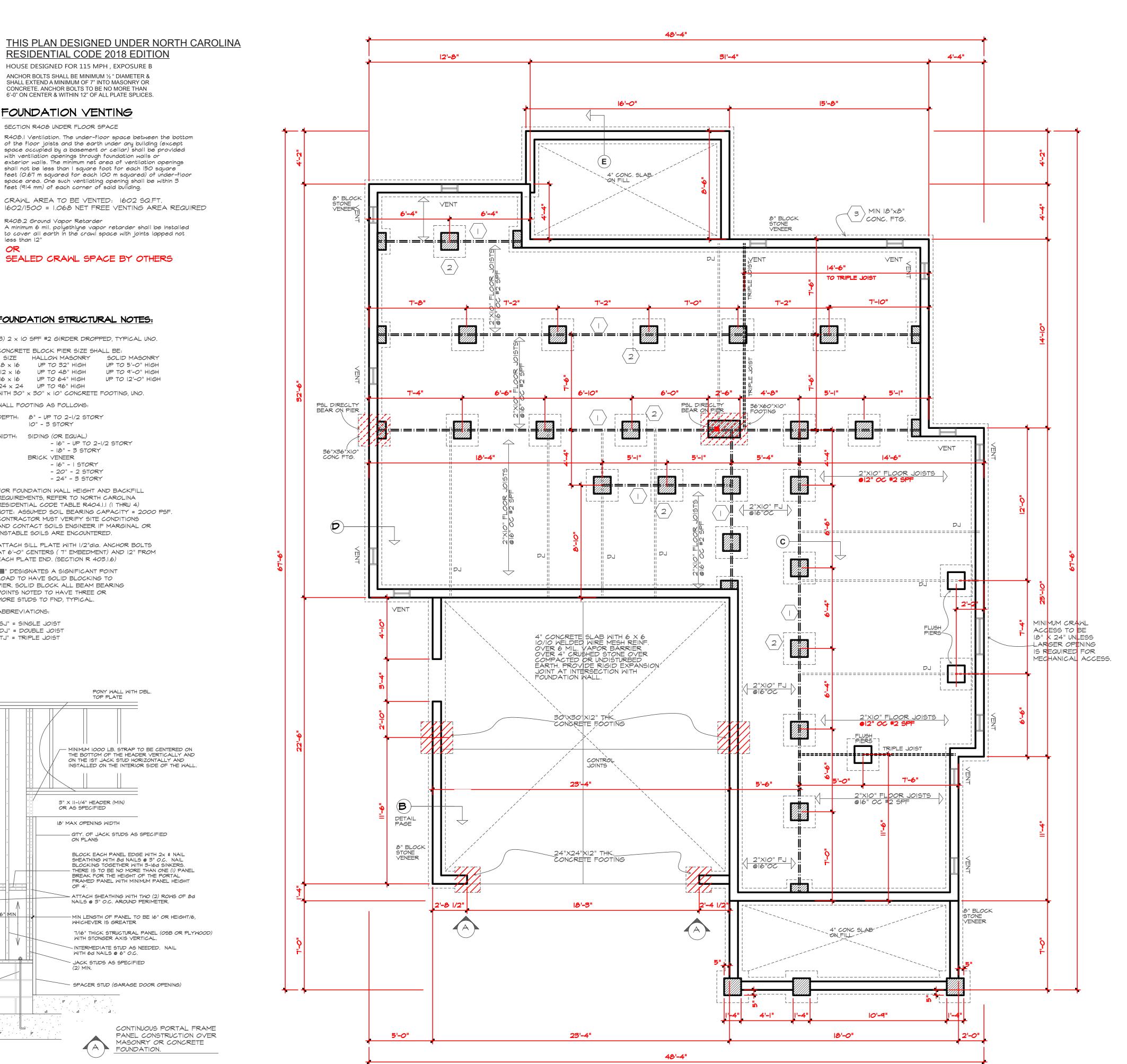
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1845 Oakridge Juquay Varina,

5/23/2022

PROJECT # 2203|3

PO#26381RT

1. Framing lumber shall be SYP or #2 SPF (modulus of of elasticity 1,100,000 psi, fb 950). All beams & treated lumber to be #2 SYP, E=1,600,000, fb=1100 min. Studs min.#2 or stud grade. 2. Use hangers for all beam to beam connections Structural fastening as per R602.3(1). Adequate connections is the sole responsibility of the general contractor and his subs. 3. Structural members fastening to conform to Table R602.3(1) and (2). 4. Roof Framing Notes: a. Dbl Hips may be spliced with a min, 6'-0" overlap at center. No valley splices b. Use 2x10 or fir down rafters for vaulted areas c. Attach each vaulted rafters with hurricane connectors: Simpson H-2.5, H-5 or approved equal or 6" SDWC's. 5. All construction shall conform to the latest requirements of the NC State Residential Building Code - 2018 Edition, plus all local codes & regulations or 2015 IBC. 6. Structural Engineer is not responsible for and will not control of construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the construction work. 7. Structural Engineer is not responsible for the contractor's failure to carry out the proposed construction work in accordance with the contract document.

FRAMING NOTES:

8. Use Method #3 for Structural Sheathing; "Accepted Engineer's Practice"

1. Design Loads (R301.5) Live Loads Dead Rooms not for Sleeping Sleeping Rooms Attic w/Permanent Stairs Attic w/o Permanent Stairs Attic w/o Storage Stairs **Exterior Balconies** Guardrails & Handrails Passenger Vehicle Garages 50 Fire Escapes Wind Load: (Refer to Table R301.2.4) Verify Zone before Construction Wake County 115 mph 2. Wall Bracing: Braced wall panels shall be constructed according to section R602.103. The wall structural paneling shall comply with Table R602.103. The length of braced panels shall be determined by section R602.10.4. Lateral bracing shall be satisfied per method 3 by continuously sheathing walls with structural sheathing per Table 601.3. Note that any specific braced wall detail shall be installed as specified. 3. All framing lumber shall be SPF#2 (Fb=875 psi) unless otherwise noted (UNO). All treated lumber shall be SYP#2 (Fb=975 psi). Plate material may be SPF#3 or SYP#3 (Fc (perp.) = 425 psi min.) 4. All exterior headers to be (2)2x10 spf. u.n.o w/ dbl. Jacks for all openings >5'-0". 5. All interior bearing headers to be (2)2x10 u.n.o.

w/ dbl. jacks for all openings >4'-6", use (2)2x8 w/ dbl. Jacks for all openings >3'-0" u.n.o. 6. All interior non-bearing headers to be min. (2)2x4

WALL BRACING NOTES:

7. Fireblock to conform with R602.8

WALL BRACING SHALL BE IN ACCORDANCE WITH SECTION R602.10.3 CONTINUOUS SHEATHING. BRACING METHOD CS-WSP SHALL BE USED **IN ACCORDANCE WITH TABLE R602.10.1**

1. THE REQUIRED LENGTH OF BRACING FOR EACH SIDE OF A RECTANGLE CIRCUMSCRIBED AROUND THE PLAN OR A PORTION OF THE PLAN AT EACH STORY LEVEL SHALL BE IN ACCORDANCE WITH TABLE R602.10.3 AND FIGURE R602.10.3(1). UNLESS NOTED OTHERWISE, THE ENTIRE STRUCTURE IS ASSUMED TO CIRCUMSCRIBED WITHIN A SINGLE RECTANGLE.

2. MINIMUM PANEL WIDTH IS 24". SEE SECTION R602.10.3 FOR ADDITIONAL INFORMATION. CONNECTION CRITERIA SHALL BE IN ACCORDANCE WITH

3. PORTAL FRAME CONSTRUCTION SHALL BE IN ACCORDANCE WITH FIGURE R602.10.1.

4. HOLD DOWN DEVICE SHALL BE AS FOLLOWS: SIMPSON LSTA24 STRAP (OR EQUIVALENT) BETWEEN FLOORS EXTENDING FROM BOTTOM OF FLOOR BAND AND UP THE STUDS PER SITE PER BUILDER SIMPSON HD3B HOLD DOWN (OR EQUIVALENT) WHERE REQUIRED TO CONNECT DIRECTLY TO FOUNDATION.

BEAM SCHEDULE

12'-8"

(A) 2-2"XIO" FLUSH

(B) 2-2"XIO" DROPPED

(c) 2-2"X8 FLUSH

(D) 2-2"X8" DROPPED

(E) 2-1.75"X9.25" LVL FLUSH

(F) 2-1.75"X9.25" DROPPED

(G) 2- 1.75"xII 7/8" LVL DROPPED

(H) 2-1.75"XII 7/8" LVL BOTTOM FLUSH

(H2) 3-1.75"XII 7/8" LVL BOTTOM FLUSH

(J) 2-2"XI2" DROPPED

(K) 4-1.75" X 18" LVL TOP FLUSH W/3 TIMBERLOCK SCREWS @16" OC

(M) W 18X40 STEEL BOTTOM FLUSH

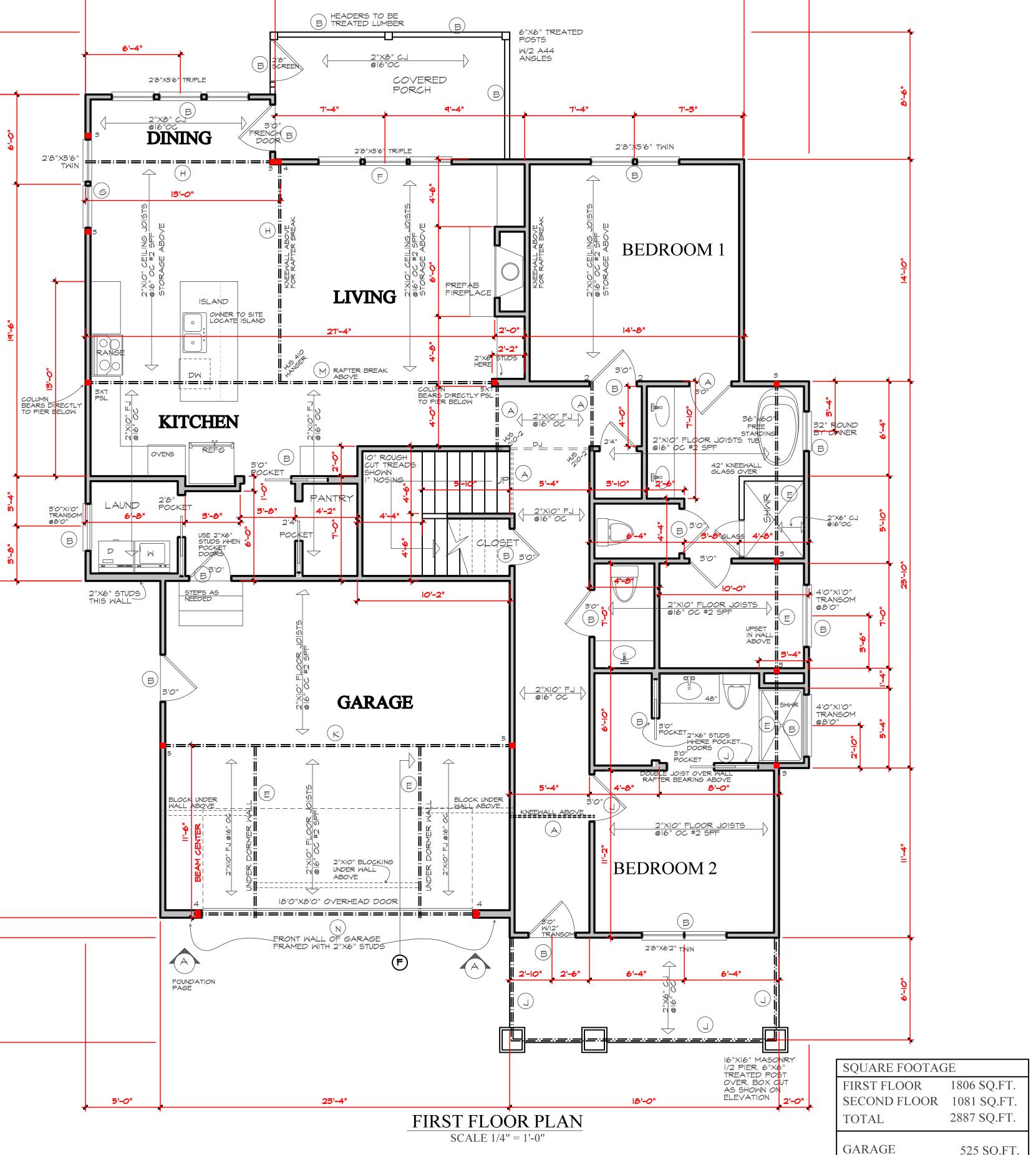
(N) 3-1.75"XI6" LVL DROPPED

P) 2-1.75"XI4" FLUSH



P. E. TEAGUE, P.E., PLLC 2705 WATERLOO COURT RALEIGH, N.C. 27613 (919)247-2572 (Lic. # P-0207) PETEAGUE50@GMAIL.COM WWW.TEAGUEENGINEERING.COM





31'-4"

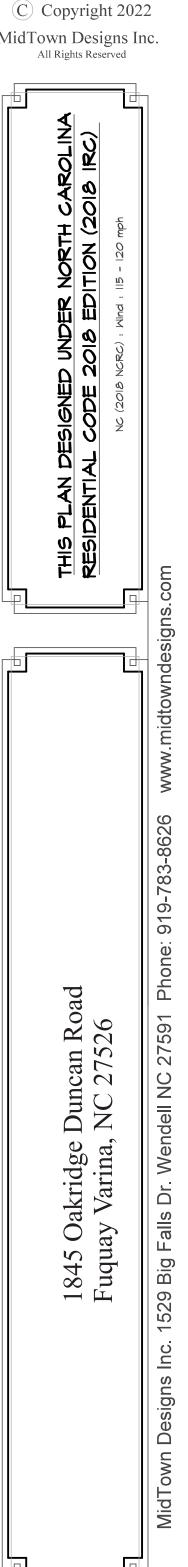


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5/23/2022

PROJECT # 220313

PO#26381RT

525 SQ.FT.

262 SQ.FT.

PORCHES

1. Framing lumber shall be SYP or #2 SPF (modulus of of elasticity 1,100,000 psi, fb 950). All beams & treated lumber to be #2 SYP, E=1,600,000, fb=1100 min. Studs min.#2 or stud grade.

2. Use hangers for all beam to beam connections Structural fastening as per R602.3(1). Adequate connections is the sole responsibility of the general contractor and his subs.

3. Structural members fastening to conform to Table R602.3(1) and (2).
4. Roof Framing Notes:

4. Roof Framing Notes:

a. Dbl Hips may be spliced with a min, 6'-0" overlap at center. No valley splices

b. Use 2x10 or fir down rafters for vaulted areas

c. Attach each vaulted rafters with hurricane connectors: Simpson H-2.5, H-5 or approved

Engineered by: Patrick E. Teague, PE

P. E. TEAGUE, P.E., PLLC

2705 WATERLOO COURT

RALEIGH, N.C. 27613

(919)247-2572 (Lic. # P-0207)

PETEAGUE50@GMAIL..COM

WWW.TEAGUEENGINEERING.COM

Date: 8/18/25
North Carolina License # 20239

equal or 6" SDWC's.

5. All construction shall conform to the latest requirements of the NC State Residential Building Code - 2018 Edition, plus all local codes & regulations or 2015 IBC.

6. Structural Engineer is not responsible for and will not control of construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the construction work.

7. Structural Engineer is not responsible for the contractor's

failure to carry out the proposed construction work in accordance with the contract document.

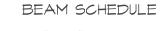
8. Use Method #3 for Structural Sheathing;

"Accepted Engineer's Practice"

FRAMING NOTES:

1. Design Loads (R301.5) Li	ive Loads	Dead
, ,	(PSF)	(PSF)
Rooms not for Sleeping	`40 ′	`10 ´
Sleeping Rooms	30	10
Attic w/Permanent Stairs	40	10
Attic w/o Permanent Stairs	20	10
Attic w/o Storage	10	10
Stairs	40	_
Exterior Balconies	60	10
Decks	40	10
Guardrails & Handrails	200	_
Passenger Vehicle Garages	50	10
Fire Escapes	40	10
Snow	20	_
Wind Load: (Refer to Table R301.2.4)		
Verify Zone before Construction		
Wake County 115 mph		
2. Wall Bracing: Braced wall panels shall be		
constructed according to section R602.103.		
The wall structural paneling shall comply		
with Table R602.103. The length of braced		
panels shall be determined by section R602.10.4.		
Lateral bracing shall be satisfied per method 3		
by continuously sheathing walls with structural		
sheathing per Table 601.3. Note that any specific		
braced wall detail shall be installed as specified.		
3. All framing lumber shall be SPF#2 (Fb=875 psi)		
unless otherwise noted (UNO). All treated lumber		
shall be SYP#2 (Fb=975 psi). Plate material may		
be SPF#3 or SYP#3 (Fc (perp.) = 425 psi min.)		
4. All exterior headers to be (2)2x10 spf. u.n.o w/ dbl.		
Jacks for all openings >5'-0".		
All interior bearing headers to be (2)2x10 u.n.o.		
w/ dbl. jacks for all openings >4'-6", use (2)2x8		
w/ dbl. Jacks for all openings >3'-0" u.n.o.		
6. All interior non-bearing headers to be min. (2)2x4		
flatuno		

flat u.n.o.
7. Fireblock to conform with R602.8



A 2-2"XIO" FLUSH

B 2-2"XIO" DROPPED

C 2-2"X8 FLUSH

D 2-2"X8" DROPPED

E) 2-1.75"X9.25" LVL FLUSH

(F) 2-1.75"X9.25" DROPPED

6 2- 1.75"x|| 7/8" LVL DROPPED

H) 2-1.75"XII 7/8" LVL BOTTOM FLUSH

(H2) 3-1.75"XII 7/8" LVL BOTTOM FLUSH

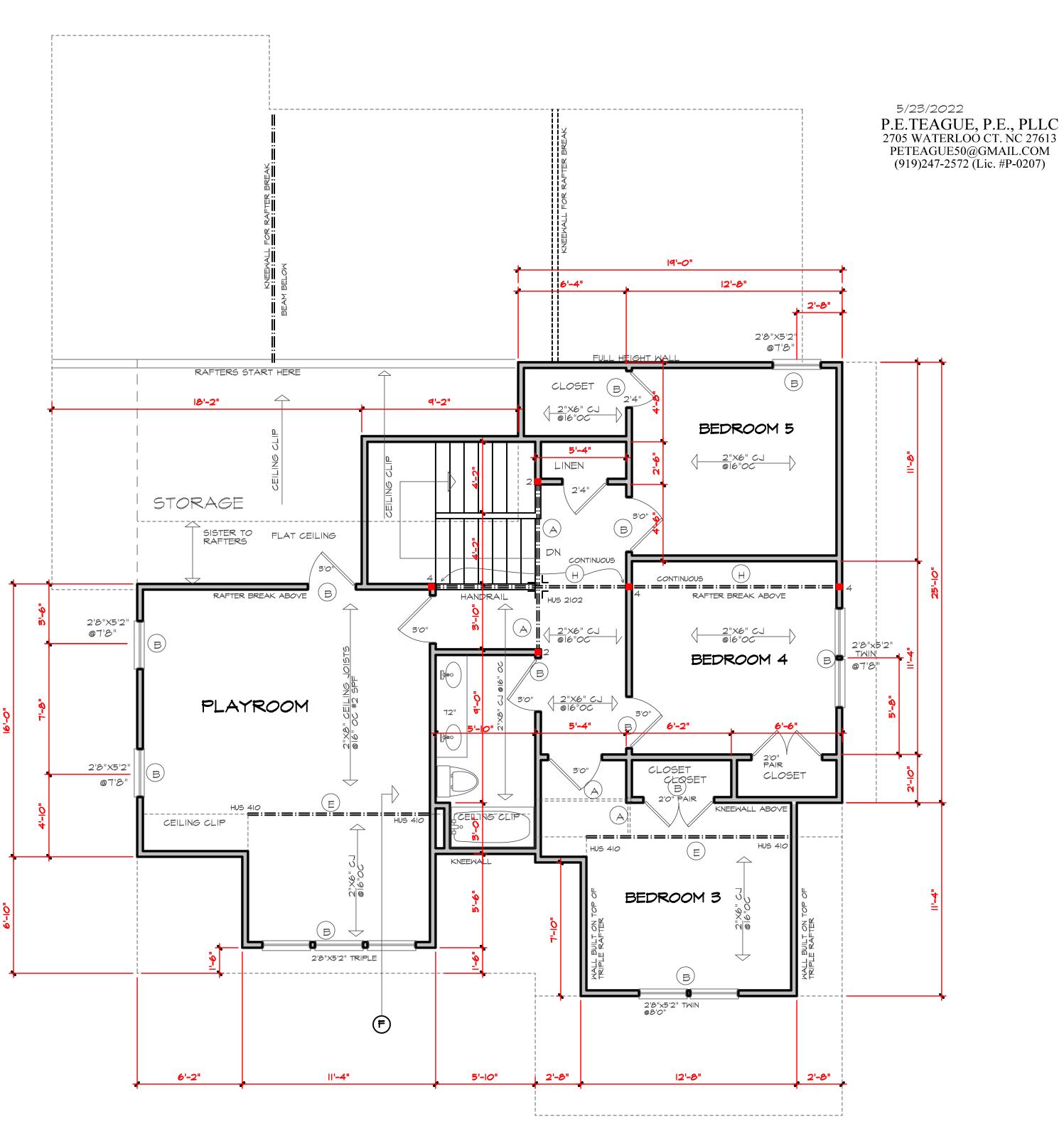
(J) 2-2"XI2" DROPPED

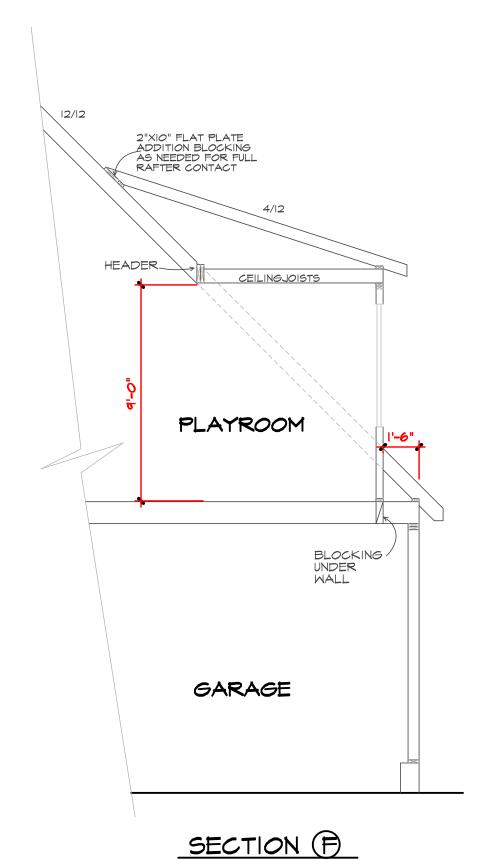
K 4-1.75" X 18" LVL TOP FLUSH W/3 TIMBERLOCK SCREWS @16" OC

M W 18X40 STEEL BOTTOM FLUSH

N 3-1.75"XI6" LVL DROPPED

P 2-1.75"XI4" FLUSH









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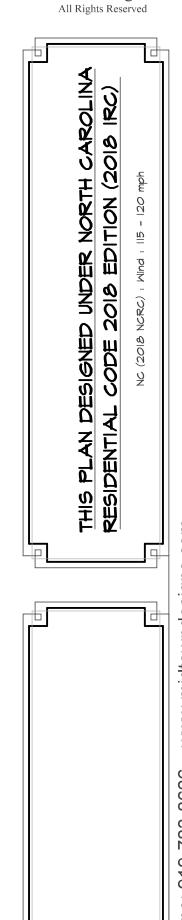
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1845 Oakridge Dur Fuquay Varina, NC

5/23/2022

PROJECT #
220313
PO#26381RT

1. Framing lumber shall be SYP or #2 SPF (modulus of of elasticity 1,100,000 psi, fb 950). All beams & treated lumber to be #2 SYP, E=1,600,000, fb=1100 min. Studs min.#2 or stud grade. 2. Use hangers for all beam to beam connections Structural fastening as per R602.3(1). Adequate connections is the sole responsibility of the general contractor and his subs. 3. Structural members fastening to conform to

Table R602.3(1) and (2). 4. Roof Framing Notes: a. Dbl Hips may be spliced with a min, 6'-0"

overlap at center. No valley splices b. Use 2x10 or fir down rafters for vaulted areas c. Attach each vaulted rafters with hurricane connectors: Simpson H-2.5, H-5 or approved equal or 6" SDWC's.

5. All construction shall conform to the latest requirements of the NC State Residential Building Code - 2018 Edition, plus all local codes & regulations or 2015 IBC. 6. Structural Engineer is not responsible for and will not control of construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the construction work.

7. Structural Engineer is not responsible for the contractor's

failure to carry out the proposed construction work in

accordance with the contract document. 8. Use Method #3 for Structural Sheathing; "Accepted Engineer's Practice"

FRAMING NOTES:

1. Design Loads (R301.5) Live Loads Dead (PSF) Rooms not for Sleeping Sleeping Rooms Attic w/Permanent Stairs Attic w/o Permanent Stairs 20 Attic w/o Storage Exterior Balconies Guardrails & Handrails Passenger Vehicle Garages 50 Fire Escapes Wind Load: (Refer to Table R301.2.4) Verify Zone before Construction Wake County 115 mph

2. Wall Bracing: Braced wall panels shall be constructed according to section R602.103. The wall structural paneling shall comply with Table R602.103. The length of braced panels shall be determined by section R602.10.4. Lateral bracing shall be satisfied per method 3 by continuously sheathing walls with structural sheathing per Table 601.3. Note that any specific braced wall detail shall be installed as specified 3. All framing lumber shall be SPF#2 (Fb=875 psi) unless otherwise noted (UNO). All treated lumber shall be SYP#2 (Fb=975 psi). Plate material may be SPF#3 or SYP#3 (Fc (perp.) = 425 psi min.) 4. All exterior headers to be (2)2x10 spf. u.n.o w/ dbl. Jacks for all openings >5'-0".

5. All interior bearing headers to be (2)2x10 u.n.o.

w/ dbl. jacks for all openings >4'-6", use (2)2x8 w/ dbl. Jacks for all openings >3'-0" u.n.o.
6. All interior non-bearing headers to be min. (2)2x4

7. Fireblock to conform with R602.8

ROOF FRAMING NOTES: Use Simpsons H2.5 Hurricane connectors or equivalent or 6" SDWC's on each rafter installed.

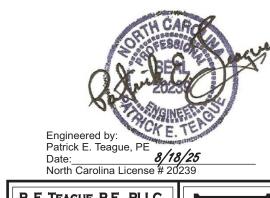
(though joists) down to foundation.

2. All point loads to be columned/blocked

ATTIC VENTILATION:

3412 SQ. FT. OF CEILING/150 = 22.7 SQ FT REQUIRED SAY 23 SF

BUILDER TO CALCULATE QUANTITIES OF TYPES OF VENTS TO MAKE UP MIN. REQUIREMENT. ATTIC VENTILATION MAY BE REDUCED 50% WHEN VENTILATORS ARE USED AT LEAST 3'-0" ABOVE THE CORNICE VENTS. REFER TO SECTION R-806 IN THE N.C. BUILDING CODE VOL. VII.



P. E. TEAGUE, P.E., PLLC 2705 WATERLOO COURT RALEIGH, N.C. 27613 (919)247-2572 (Lic. # P-0207) PETEAGUE50@GMAIL..COM WWW.TEAGUEENGINEERING.COM

5/23/2022 P.E.TEAGUE, P.E., PLLC 2705 WATERLOÓ CT. NC 27613 PETEAGUE50@GMAIL.COM (919)247-2572 (Lic. #P-0207)



(115-120) MPH WIND ZONE) (I.) ALL RAFTERS TO BE 2x8 @ 16" O.C. WITH

2 X 12 RIDGE, UNO.

(2.) (2)2x10 OR (1) 1.75" X II 7/8" LVL HIP. (2)2x10 HIPS MAY BE

SPLICED WITH A MINIMUM 6'-O" OVERLAP AT CENTER. (3.) (2)2x10 OR (1) 1.75" X 9.25" LVL VALLEY. DO NOT SPLICE VALLEYS

(4.) I-1.75×II 7/8" LVL VALLEY (5.) FALSE FRAME VALLEY ON 2xIO FLAT PLATE

(6.) 2"X6" RAFTERS @16" O.C. W/ 2x8 RIDGE

(7.) 2"XIO" RAFTERS @I6" O.C. W/ 2xI2 RIDGE

- "SR" = SINGLE RAFTER

- "DR" = DOUBLE RAFTER - "TR" = TRIPLE RAFTER

- "RS" = ROOF SUPPORT FOR RAFTER SPLICE

- "■" = (3) STUD OR 4x4 POST FOR ROOF SUPPORT - FIR DOWN 2x8 RAFTERS OR USE 2x10 AT

CATHEDRAL CEILINGS

- ATTACH VAULTED RAFTERS WITH HURRICANE CLIPS: SIMPSON "H-5" OR EQUIVALENT

2"x6" COLLAR TIES @32" TYPICAL



beginning construction.

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EXTEND RIDGE —TO STAIRWELL

KNEEWALL BELOW / RAFTER BREAK

BEAM BLEOW

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2"XI2" RIDGE

WALL ADD 3 SC

2"X6" COLLAR TIES

DR

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2"X6" COLLAR TIE

@32" OC TYPICAL

BEAM BELOW

2"XI2" RIDGE

6" BARGE

OVERHANG

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

KNEEMALL ||

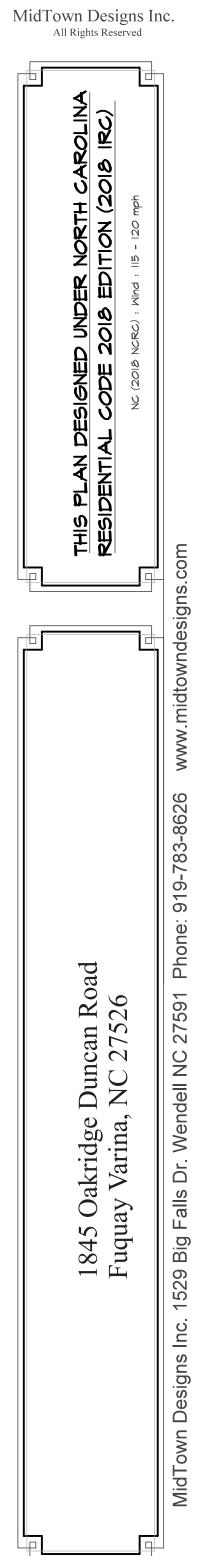
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PROJECT # 220313

PO#26381RT

SEE RIGHT ELEVATION

EXTEND 12/12 RAKE.

12/12

| 2'0" | 0VER | HANG

3.5/12

10/12