

Purchaser must verify all dimensions and conditions before beginning construction.

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Jade 3 CAR OPTIO

The.

Plan #

CODE 2018 EDITION (2018 IRC)

THIS PLAN DESIGNED UN RESIDENTIAL CODE 20

# 4 3/28/2022

PROJECT #

(919)247-2572 (Lic. #P-0207) SECTION R408 UNDER FLOOR SPACE 2 CONCRETE BLOCK PIER SIZE SHALL BE: SIZE HALLOW MASONRY R408. Ventilation. The under-floor space between the bottom 8 x 16 UP TO 32" HIGH UP TO 5'-0" HIGH of the floor joists and the earth under any building (except space occupied by a basement or cellar) shall be provided 12 × 16 UP TO 48" HIGH UP TO 9'-0" HIGH 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 16 × 16 UP TO 64" HIGH UP TO 12'-0" HIGH 24 x 24 UP TO 96" HIGH WITH 30"  $\times$  30"  $\times$  10" CONCRETE FOOTING, UNO. feet (0.67 m squared for each 100 m squared) of under-floor space area. One such ventilating opening shall be within 3 (3) WALL FOOTING AS FOLLOWS: feet (914 mm) of each corner of said building. DEPTH: 8" - UP TO 2-1/2 STORY CRAWL AREA TO BE VENTED: 767 SQ.FT. 10" - 3 STORY 767/1500 = .511 NET FREE VENTING AREA REQUIRED WIDTH: SIDING (OR EQUAL) R408.2 Ground Vapor Retarder - 16" - UP TO 2-1/2 STORY A minimum 6 mil. polyethlyne vapor retarder shall be installed - 18" - 3 STORY to cover all earth in the crawl space with joints lapped not BRICK VENEER - 16" - 1 STORY - 20" - 2 STORY - 24" - 3 STORY FOR FOUNDATION WALL HEIGHT AND BACKFILL 56'-10" REQUIREMENTS, REFER TO NORTH CAROLINA RESIDENTIAL CODE TABLE R404.I.I (I THRU 4) NOTE: ASSUMED SOIL BEARING CAPACITY = 2000 PSF. 31'-10" 12'-0" 13'-0" CONTRACTOR MUST VERIFY SITE CONDITIONS AND CONTACT SOILS ENGINEER IF MARGINAL OR UNSTABLE SOILS ARE ENCOUNTERED. 11'-8" ATTACH SILL PLATE WITH 1/2"dia. ANCHOR BOLTS AT 6'-0" CENTERS ( 7" EMBEDMENT) AND 12" FROM 6" × 6" POST ON 24" × 24" × 8" EACH PLATE END. (SECTION R 403.1.6) CONCRETE FOOTING 4 "B" DESIGNATES A SIGNIFICANT POINT LOAD TO HAVE SOLID BLOCKING TO PIER. SOLID BLOCK ALL BEAM BEARING 2-2"XIO" TREATED POINTS NOTED TO HAVE THREE OR MORE STUDS TO FND, TYPICAL. 5 ABBREVIATIONS: "SJ" = SINGLE JOIST "DJ" = DOUBLE JOIST "TJ" = TRIPLE JOIST 9'-4" TREATED 2"XIO" BOLTED TO BAND WITH 5/8" GALVANIZED BOLTS @20" OC STAGGERED \_2"XIO" FLOOR JOISTS N @16" OC #2 SPF 24" X 24" X 12" THK
CONCRETE FOOTING
FILL BLOCK CORES
ABOVE WITH TYPE
"S" MORTAR. (3) 18 × 8 CONC. FTG. DOUBLE JOIST D-BLOCK SOLID TO ALL POINT LOADS ABOVE DETAIL PAGE  $_2$ "XIO" FLOOR JOISTS  $_{ extsf{N}}$ @16" OC #2 SPF -\_2"XIO" FLOOR JOISTS N ||6'-0" 11'-10" DOUBLE JOIST 13'-0" PONY WALL WITH DBL. TOP PLATE ў 18×8 DOUBLE JOIST PSL COLUMN DIR BEAR TO PIER DOUBLE JOIST 2"XIO" FLOOR JOISTS - MINIMUM 1000 LB. STRAP TO BE CENTERED ON @16" OC #2 SPF <sup>—</sup> THE BOTTOM OF THE HEADER VERTICALLY AND ON THE IST JACK STUD HORIZONTALLY AND INSTALLED ON THE INTERIOR SIDE OF THE WALL. CRAML ACCESS 30"X30"X10" CONC FTG. TRIPLE JOIST DETAIL PAGE MIN. 22" × 36" \_\_\_\_\_ -- DQUBLE EACH JOIST \_-13'-0" 21'-10" - INTHIS AREA  $\_2$ "XIO" FLOOR JOISTS  $_ extsf{\text{N}}$ 3"  $\times$  II-I/4" HEADER (MIN) OR AS SPECIFIED @16" OC #2 SPF ---3000 P.S.I. AIR ENTRAINED 4" CONC 12'-6" SLAB W/6"X6" WI.4 X WI.4 WWR OR FIBER 18' MAX OPENING WIDTH MESH REINFORCEMENT OVER 6 MIL VAPOR BARRIER OVER 4" CRUSHED STONE FILL OVER FASTEN SHEATHING TO HEADER WITH 8d COMMON NAILS ON 3" GRID PATTERN. 42"X48"XIO" THICK CONCRETE FOOTING COMPACTED FILL OR UNDISTURBED SOIL FILL BLOCK CORES ABOVE SOLID WITH TYPE "S" MORTAR. - EXTEND HEADER TO CORNER KING STUD OR 16" MIN. WHICHEVER IS LESS. FASTEN HEADER TO KING STUD CONTROL JOINTS AS NEEDED 16"X16" PIER ON 36"X36"X8" CONC FTG WITH 6-16d SINKER NAILS. - PANEL BREAKS, IF NEEDED, TO BE WITHIN 24" OF MID-HEIGHT. BLOCK EACH PANEL EDGE WITH 2x & NAIL SHEATHING WITH & NAILS @ 3" O.C. NAIL BLOCKING TOGETHER WITH 3-16d SINKERS. - ATTACH SHEATHING WITH TWO (2) ROWS OF 8d NAILS @ 3" O.C. AROUND PERIMETER. - MIN LENGTH OF PANEL TO BE 16" OR HEIGHT/6, WHICHEVER IS GREATER 4" CONC. SLAB ON TAMPED EARTH FILL. PROVIDE TREATED 7/16" THICK STRUCTURAL PANEL (OSB OR PLYWOOD) WITH STONGER AXIS VERTICAL. BAND AND FLASHING 30"X30"X10" INTERMEDIATE STUD AS NEEDED. NAIL AT PORCH. CONC, FTG. WITH 6d NAILS @ 6" O.C. JACK STUDS AS SPECIFIED (2) MIN. SINGLE BOTTOM PLATE - 24" X 24" X 12" THK. CONCRETE FOOTING FILL BLOCK CORES ABOVE WITH TYPE "S" MORTAR. EXPANSION JOINT TREATED SPACER STUD (GARAGE DOOR OPENING) 1/2" ANCHOR BOLTS PER R403.1.6 (2) MIN. MASONRY WALL CONTINUOUS PORTAL FRAME EXPANSION JOINT PANEL CONSTRUCTION OVER MASONRY OR CONCRETE FOUNDATION. 9'-4" 16'-3" 12'-4" 22'-2" 21'-8" 13'-0"

VERIFY ALL DIMENSIONS BEFORE CONSTRUCTION!

FOUNDATION VENTING

FOUNDATION STRUCTURAL NOTES:

 $\langle 1 \rangle$  (3) 2 x 10 SPF #2 GIRDER DROPPED, TYPICAL UNO.

4/15/2020

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MIDTOWN DESIGNS

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RESIDENTIAL CODE 2018 EDITION (2018 IRC)

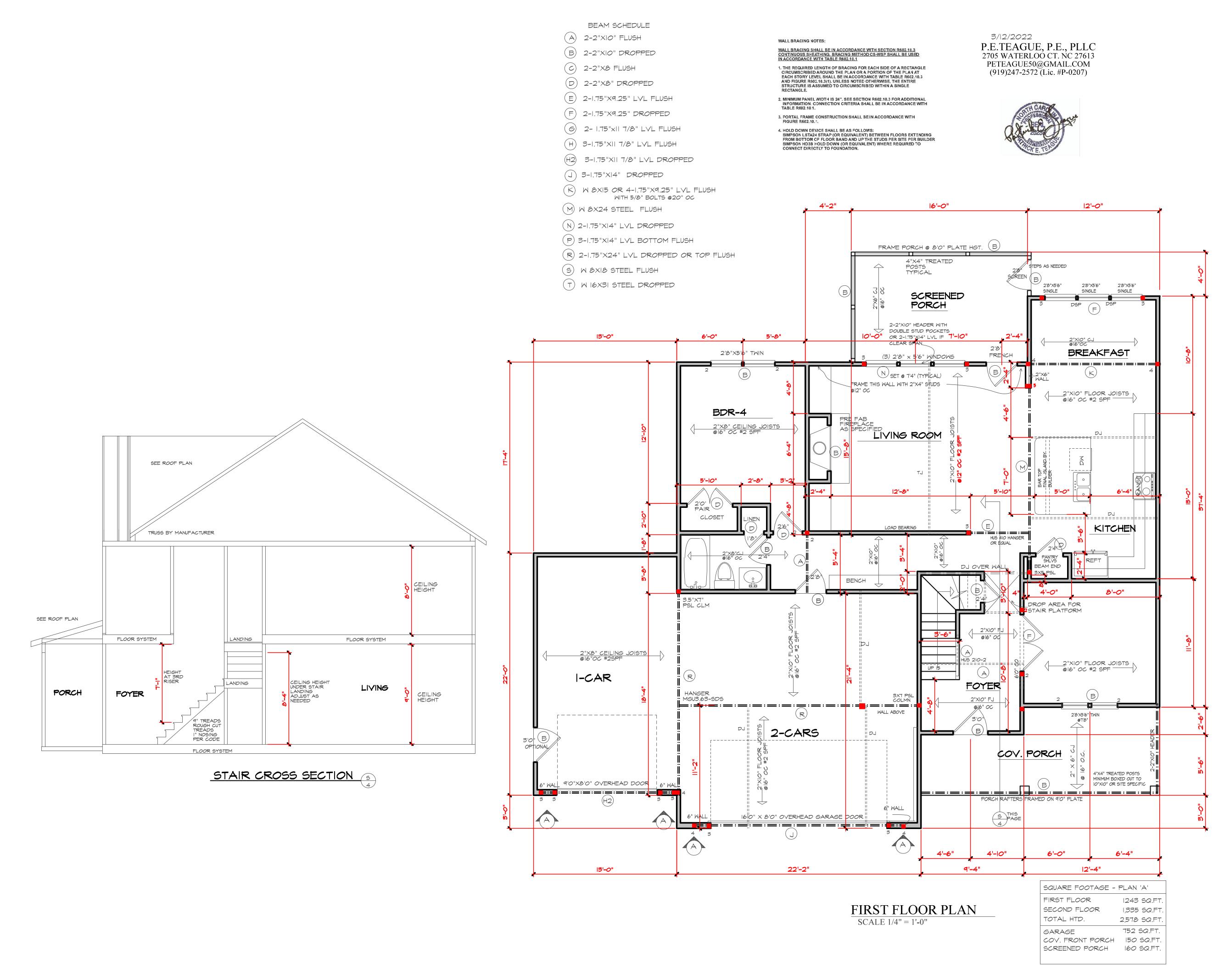
MidTown Designs Inc. 1529 Big Falls Dr. Wendell NC 27591 Phone: 919-783-8626 www.midtownde

PROJECT #

220217

**FOUNDATION** 

SCALE 1/4'' = 1'-0''





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3/28/2022

PROJECT # 220217



3/12/2022 P.E.TEAGUE, P.E., PLLC

2705 WATERLOÓ CT. ŃC 27613 PETEAGUE50@GMAIL.COM (919)247-2572 (Lic. #P-0207)

BEAM SCHEDULE

A 2-2"XIO" FLUSH

C 2-2"X8 FLUSH

B 2-2"XIO" DROPPED

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 FLUSH

H) 3-1.75"X|| 7/8" LVL FLUSH

(J) 3-1.75"XI4" DROPPED

M W 8X24 STEEL FLUSH

S W 8XI8 STEEL FLUSH

T W 16X31 STEEL DROPPED

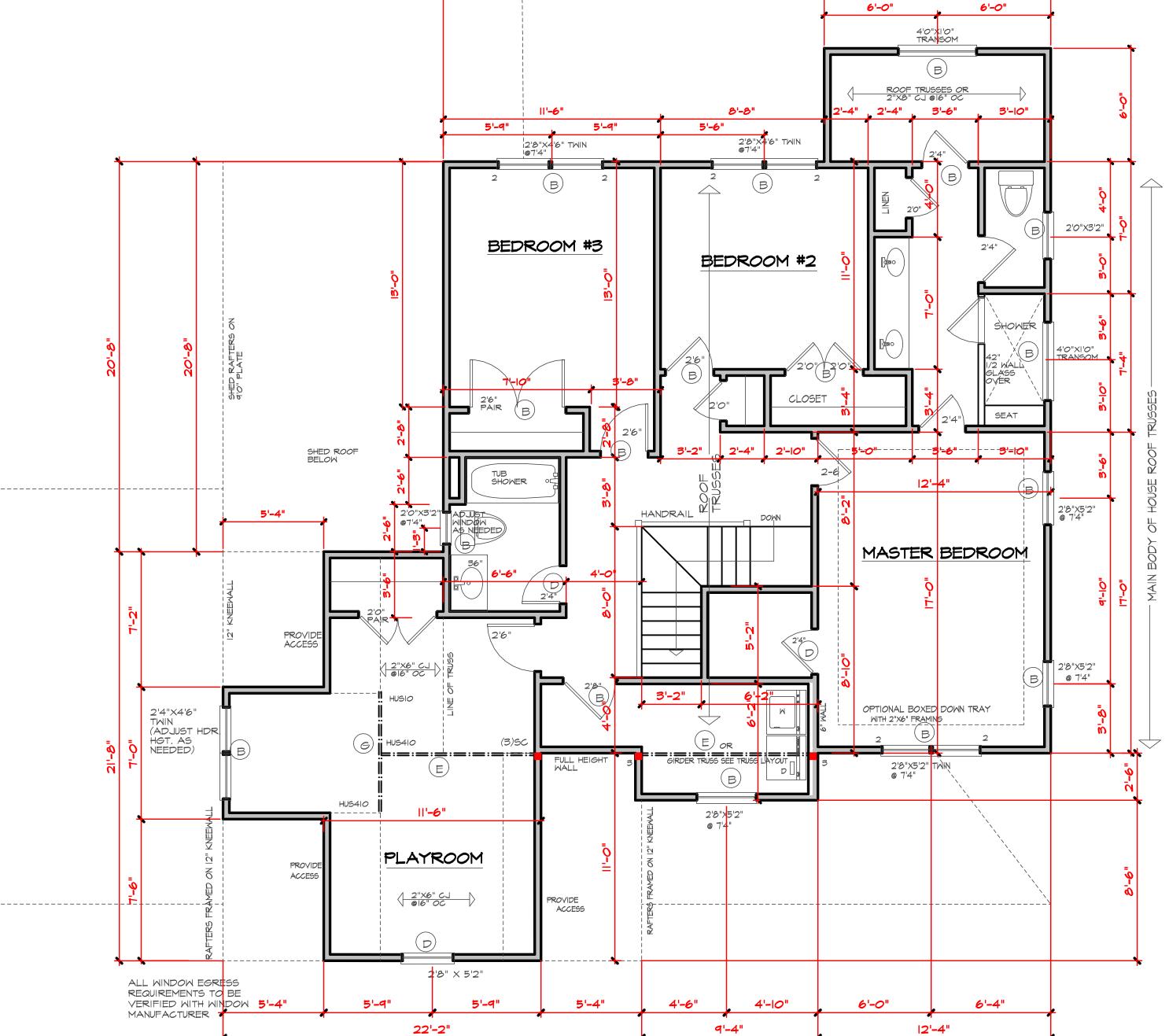
N 2-1.75"XI4" LVL DROPPED

P 3-1.75"XI4" LVL BOTTOM FLUSH

H2) 3-1.75"XII 7/8" LVL DROPPED

K W 8XI5 OR 4-1.75"X9.25" LVL FLUSH WITH 5/8" BOLTS @20" OC

R 2-1.75"X24" LVL DROPPED OR TOP FLUSH



20'-2"

12'-0"

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



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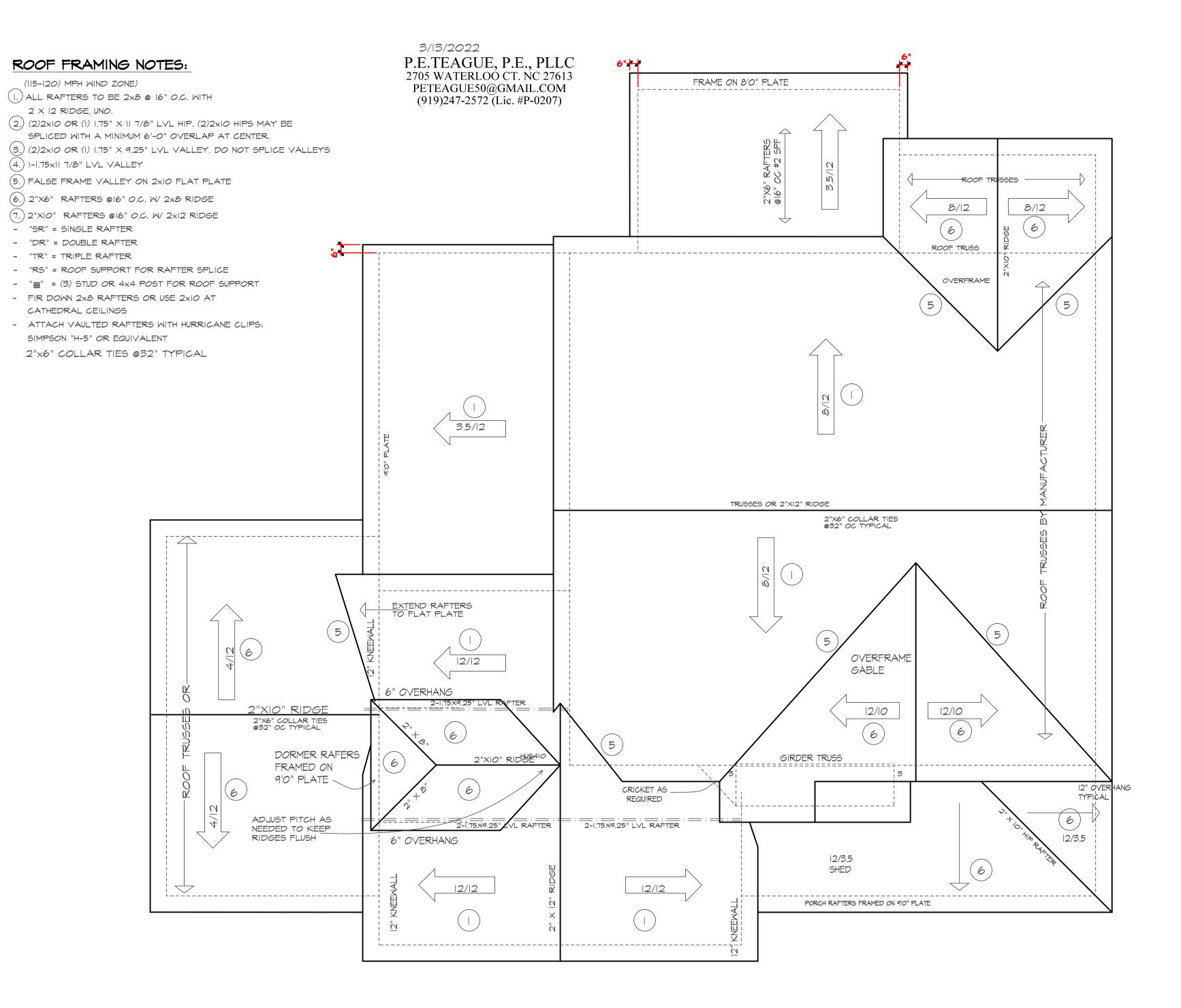
Jade

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PROJECT #

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



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The Jade 3 CAR OPTION

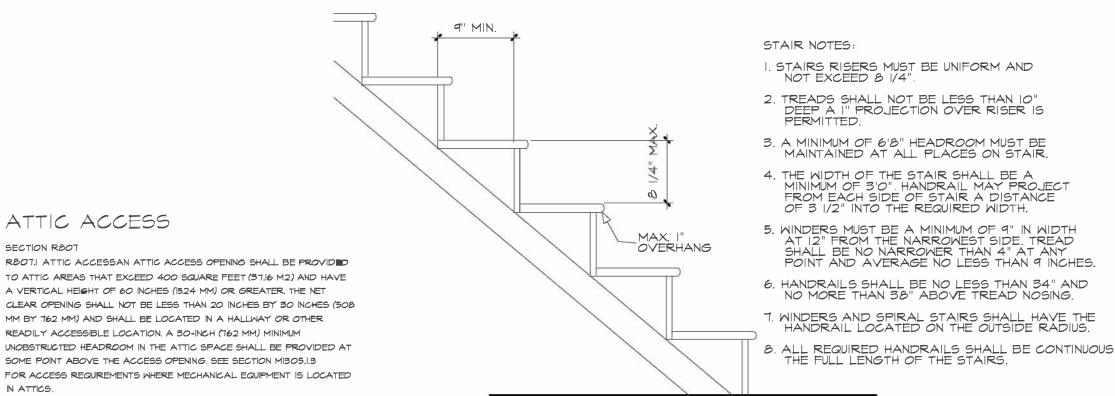
INDER NORTH CAROLINA

10 EDITION (2018 IRC)

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(H) 3/28/2022

PROJECT #



#### ATTIC ACCESS

PROTRUDE INTO THE NET CLEAR OPENING.

SECTION R807

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 MI305.1.3 FOR ACCESS REQUIREMENTS WHERE MECHANICAL EQUIPMENT IS LOCATED IN ATTICS.

EXCEPTIONS: I. 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

STAIR DETAIL

PERMITTED.

NO SCALE

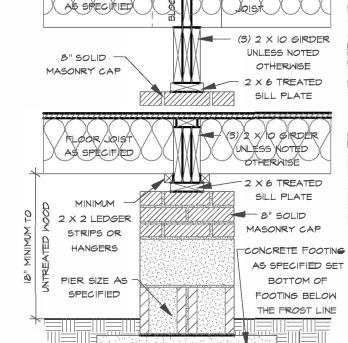
### DWELLING / GARAGE SEPARATION

REFER TO SECTIONS R3025, 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.

CEILINGS. A MINIMUM OF 1/2" GYPSUM MUST BE INSTALLED ON THE GARAGE CEILING IF THERE ARE NO HABITABLE ROOM ABOVE THE GARAGE. IF THERE ARE HABITABLE ROOM 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 I 3/8 INCHES (35 MM) IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN I 3/8 INCHES (35 MM) THICK, OR 20-MINUTE

DUCT PENETRATIONS. DUCTS IN THE GARAGE AND DUCTS PENETRATING THE WALLS OR CEILINGS SEPARATING THE DIRELLING 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

OTHER PENETRATIONS. PENETRATIONS THROUGH THE SEPARATION REQUIRED IN SECTION R302.6 SHALL BE PROTECTED AS REQUIRED BY SECTION R302.11, ITEM 4.

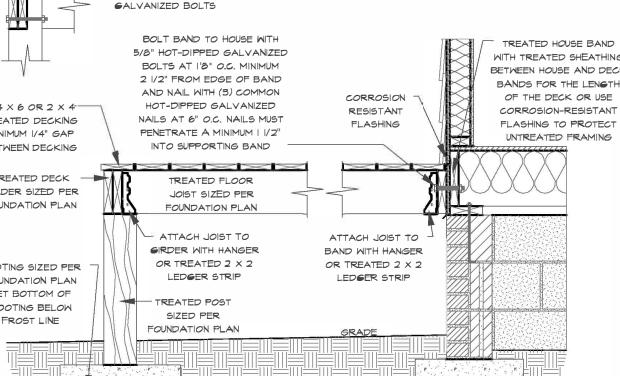


POINT AND AVERAGE NO LESS THAN 9 INCHES.

/ Krook 70124 /

DROPPED/FLUSH PIER

SCALE 3/4" = 1'-0"



DECK ATTACHMENT DETAIL TO FRAMED WALL SCALE 3/4" TO 1'-0"

#### DECK BRACING

SECTION AMIO9

SEE CHAPTER 45.

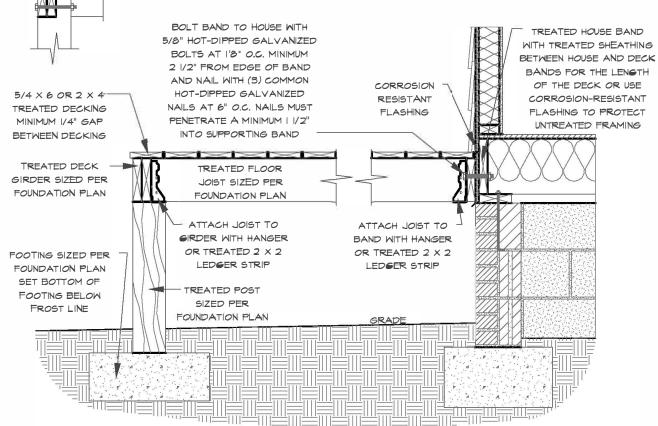
AMIO9.1 DECK BRACING. DECKS SHALL BE BRACED TO PROVIDE LATERAL STABILITY. THE FOLLOWING ARE ACCEPTABLE MEANS TO PROVIDE LATERAL STABILITY, AMIO9,1.1. WHEN THE DECK FLOOR HEIGHT IS LESS THAN 4'-O" ABOVE FINISHED GRADE PER FIGURE AMION AND THE DECK IS ATTACHED TO THE STRUCTURE IN ACCORDANCE WITH SECTION

AMIO4, LATERAL BRACING IS NOT REQUIRED. AMIO9.1.2. 4 X 4 WOOD KNEE BRACES MAY BE PROVIDED ON EACH COLUMN IN BOTH DIRECTIONS. THE KNEE BRACES SHALL ATTACH TO EACH POST AT A POINT NOT LESS THAN 1/3 OF THE POST LENGTH FROM THE TOP OF THE POST, AND THE BRACES SHALL BE ANGLED BETWEEN 45 DEGREES AND 60 DEGREES FROM THE HORIZONTAL. KNEE BRACES SHALL BE BOLTED TO THE POST AND THE

GIRDER/DOUBLE BAND WITH ONE 5/8 INCH HOT DIPPED GALVANIZED BOLT WITH NUT AND WASHER AT BOTH ENDS OF THE BRACE PER FIGURE AMIO9. AMIO9.1.3. FOR FREESTANDING DECKS WITHOUT KNEE BRACES OR DIAGONAL BRACING, LATERAL STABILITY MAY BE PROVIDED BY

EMBEDDING THE POST IN ACCORDANCE WITH FIGURE AMIO9.2													
AND THE FOLLOWING													
	POST SIZE	MAX TRIBUTARY AREA	MAX. POST HEIGHT	EMBEDMENT DEPTH	CONCRETE DIAMETER								
	4 × 4	48 SF	4'-0"	2'-6"	1'-0"								
	6 X 6	120 SF	6'-0"	3'-6"	1'-8"								

AMIO9.1.4. 2 X 6 DIAGONAL VERTICAL CROSS BRACING MAY BE PROVIDED IN TWO PERPENDICULAR DIRECTIONS FOR FREESTANDING DECKS OR PARALLEL TO THE STRUCTURE AT THE EXTERIOR COLUMN LINE FOR ATTACHED DECKS. THE 2 X 6S SHALL BE ATTACHED TO THE POSTS WITH ONE 5/8 INCH HOT DIPPED GALVANIZED BOLT WITH NUT AND WASHER AT EACH END OF EACH BRACING MEMBER PER FIGURE AMIO9.3. AMIO9.1.5. FOR EMBEDMENT OF PILES IN COASTAL REGIONS,



BOLT POST TO GIRDER

WITH (2) 1/2" HOT-DIPPED

## 1/2" DIA. ANCHOR BOLTS @ 6'-0" O.C. AND WITHIN 12" OF PLATE ENDS 4" CONC. SLAB WITH FIBERMESH OR WIREMESH ON 6 MIL. VAPOR BARRIER ON 4" CRUSHED STONE GARAGE SLAB SLOPE PER CODE 8" FOUNDATION WALL SEE FOUNDATION PLAN

FOR FOOTING SIZE (B) SECTION AT GARAGE SLAB

STRUCTURAL NOTES

PLUS ALL LOCAL CODES AND REGULATIONS.

2) DESIGN LOADS SEE TABLE R301.5

WIND SPEED: (REFER TO TABLE R301.2.4)

VERIFY ZONE BEFORE CONSTRUCTION.

MANUFACTURER'S INSTRUCTIONS.

STEEL TUBING SHALL BE ASTM A500.

LOCATED AT 6" FROM EACH END.

SEE R301.2(6)

TREATED SILL PLATE

4" BRICK

4" CMU -

8" SOLID CAP

GRADE T

ALL MEMBERS SHALL BE FRAMED, ANCHORED, TIED AND

I) ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE NORTH CAROLINA STATE RESIDENTIAL CODE - 2018 EDITION (2015 IRC),

BRACED IN ACCORDANCE WITH GOOD CONSTRUCTION PRACTICE AND THE

3) WALL BRACING: WALLS SHALL BE BRACED ALONG BRACED WALL LINES ACCORDING TO SECTION R602.10. THE AMOUNT, LOCATION, AND CONSTRUCTION

THE PLANS IS BASED ON THE PRESCRIPTIVE BRACING REQUIREMENTS OF THE

4) CONCRETE SHALL HAVE A MINIMUM 28 DAY STRENGTH OF 3000 PSI AND A MAXIMUM SLUMP OF 5 INCHES UNLESS NOTED OTHERWISE (UNO). AIT ENTRAINED PER TABLE 402.2. ALL CONCRETE SHALL BE PROPORTIONED, MIXED,

CODE AND SHALL BE VERIFIED AND/ORAPPROVED BY THE CODE OFFICIAL.

STANDARDS. ALL SAMPLES FOR PUMPING SHALL BE TAKEN FROM THE EXIT END OF THE PUMP.

5) ALLOWABLE SOIL BEARING PRESSURE ASSUMED TO BE 2000 PSF. THE

PROVIDED WITH ADEQUATE DRAINAGE, AND SHALL BE GRADED SO AS TO

6) ALL FRAMING LUMBER SHALL BE SPF #2(FB = 875 PSI) UNLESS NOTED

OTHERWISE (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).

7) ALL WOODEN BEAMS AND HEADERS SHALL HAVE THE FOLLOWING END

SUPPORTS: (i) 2X4 STUD COLUMN FOR 6'-0" MAX. BEAM SPAN (UNO), (2)2X4 STUDS FOR BEAM SPAN GREATER THAN 6'-0" (UNO).

6) L.V.L SHALL BE LAMINATED VENEER LUMBER: FB=2600 PSI, FV=265 PSI, E=1,900,000 PSI. P.S.L SHALL BE PARALLEL STRAND LUMBER: FB=2900 PSI, FV=290 PSI, E=2,000,000 PSI. L.S.L SHALL BE LAMINATED STRAND LUMBER: FB=2250 PSI, FV=400 PSI, E=1,550,000 PSI. INSTALL ALL CONNECTIONS PER

9) ALL ROOF TRUSS AND I-JOIST LAYOUTS SHALL BE PREPARED IN

ACCORDANCE WITH THE SEALED STRUCTURAL DRAWINGS. TRUSSES AND

IO) ALL STRUCTURAL STEEL SHALL BE ASTM A-36. STEEL BEAMS SHALL BE SUPPORTED AT EACH END WITH A MINIMUM BEARING LENGTH OF 3 1/2" INCHES

AND FULL FLANGE WIDTH. PROVIDE SOLID BEARING FROM BEAM SUPPORT 1

SOLE PLATE IS NAILED OR BOLTED TO THE BEAM FLANGE @ 48" O.C. ALL

DIAMETER BOLTS (ASTM A307) WITH WASHERS PLACED UNDER THE THREADED

END OF BOLT. BOLTS SHALL BE SPACED AT 24" O.C. (MAX). AND STAGGERED

13) BRICK LINTELS SHALL BE 3 1/2"X3 1/2"X1/4" STEEL ANGLE FOR UP TO 6'-0"

SPAN AND 6"X4"X5/16" STEEL ANGLE WITH 6" LEG VERTICAL FOR SPANS UP TO

14) THE POSITIVE AND NEGATIVE DESIGN PRESSURE FOR DOORS AND WINDOWS

(EMBED 7")

EXPANSION JOINT

AT THE TOP AND BOTTOM OF BEAM (2" EDGE DISTANCE), WITH 2 BOLTS

SCREWS (1/2" DIAMETER X 4" LONG). LATERAL SUPORT IS CONSIDERED ADEQUATE PROVIDED THE JOIST ARE TOE NAILED TO THE SOLE PLATE, AND

12) FLITCH BEAMS SHALL BE BOLTED TOGETHER USING (2) ROWS OF 1/2"

II) REBAR SHALL BE DEFORMED STEEL. ASTM615, GRADE 60.

FOUNDATION. BEAMS SHALL BE ATTACHED TO EACH SUPPORT WITH TWO LAG

I-JOISTS SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S

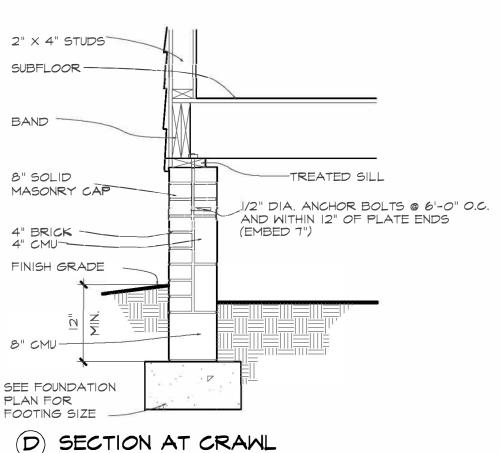
THE SURFACE AREA ADJACENT TO THE FOUNDATION WALL SHALL BE

DRAIN SURFACE WATER AWAY FROM FOUNDATION WALLS.

CONTRACTOR MUST CONTACT A GEOTECHNICAL ENGINEER AND THE STRUCTURAL ENGINEER IF UNSATISFACTORY SUBSURFACE CONDITIONS ARE ENCOUNTERED.

HANDLED, SAMPLED, TESTED AND PLACED IN ACCORDANCE WITH ACI

OF BRACING SHALL COMPLY WITH R602.10. NOTE THAT THE BRACING SHOWN ON



# INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT

## 0.35 19 10/<u>15</u> 10 10/<u>15</u> 13/17 <u>or</u>

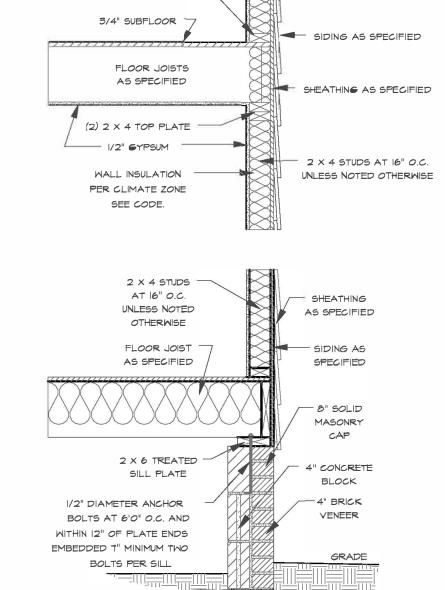
CLIMATE ZONE	FENESTRATION U-FACTOR	SKYLIGHT <i>U-</i> FACTOR	CEILING U-FACTOR	FRAME WALL U-FACTOR	MASS WALL U-FACTOR	FLOOR U-FACTOR	BASEMENT WALL U-FACTOR	CRAWL SPACE WALL U-FACTOR			
3	0.35	0.55	0.030	0.077	<u>0.141</u>	0.047	0.091°	0.136			
4	0.35	0.55	0.030	0.077	0.141	0.047	0.059	0.065			
5	0.35	0.55	0.030	0.061	0.082	0.033	0.059	0.065			
a. Nonfenestration <i>U</i> -factors shall be obtained from measurement, calculation or an approved source.											

TABLE R402.1.4

EQUIVALENT U-FACTORS

- b. When more than half the insulation is on the interior, the mass wall *U*-factors shall be a maximum of 0.07 in Climate Zone 3, 0.07 in Climate Zone 4 and 0.054 in Climate Zone 5.
- c. Basement wall U-factor of 0.360 in warm-humid locations as defined by Figure R301.1 and Table R301.1.
- d. A maximum of two glazed fenestration product assemblies having a U-factor no greater than 0.55 and a SHGC no greater than 0.70 shall be permitted to be substituted for minimum code compliant fenestration product assemblies without penalty. When applying this note and using the REScheck "UA Trade-off" compliance method to allow continued use of the software, the applicable fenestration products shall be modeled as meeting the U-factor of 0.35 and the SHGC of 0.30, as applicable, but the fenestration products actual U-factor and actual SHGC shall be noted in the comments section of the software for documentation of application of this note to the applicable products. Compliance for these substitute products shall be verified compared to the allowed substituted maximum U-value requirement and maximum SHGC requirement, as applicable,

PITCH PER ROOF PLAN OR ELEVATIONS SHINGLES AS SPECIFIED -15# BUILDING FELT ROOF INSULATION PER CLIMATE ZONE SHEATHING AS SPECIFIED - INSULATION BAFFLE ROOF PLAN FOR (2) 2 X 4 TOP PLATE -RAFTER AND TRUSS FRAMING DETAILS 1/2" GYPSUM A S FASCIA WALL INSULATION PER CLIMATE ZONE SEE CODE. SOFFIT VENTING OPTIONAL I X 4 FRIEZE 2 X 4 SOLE PLATE



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

THIS PLAN DESIGNED UNDER NORTH CAROLINA RESIDENTIAL CODE 2018 EDITION (2015 IRC)

HOUSE DESIGNED FOR 115 or 120 MPH EXPOSURE B

CONTINUOUS CONCRETE

FOOTING AS SPECIFIED

SET BOTTOM OF FOOTING

BELOW THE FROST LINE

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' ON CENTER AND WITHIN 12" OF ALL CORNERS. THERE SHALL BE A MINIMUM OF TWO (2) ANCHOR BOLTS PER PLATE SECTION.

MINIMUM VALUES FOR ENERGY COMPLIANCE ZONE 4A, \$ 3. VERIFY ZONE BEFORE CONSTRUCTION

Purchaser must verify all

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