### **GENERAL NOTES**

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AND REGULATIONS.
- CONTRACTOR SHALL THOROUGHLY REVIEW ALL SHEETS IN PLAN SET AND VERIFY ALL DETAILS AND DIMENSIONS BEFORE BEGINNING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO RENAISSANCE RESIDENTIAL DESIGN, INC. FOR JUSTIFICATION AND/OR CORRECTION BEFORE PROCEEDING WITH WORK. CONTRACTORS SHALL ASSUME RESPONSIBILITY
- ALL DIMENSIONS SHOULD BE READ OR CALCULATED AND NEVER SCALED. CONTRACTOR SHALL ENSURE COMPATIBILITY OF THE BUILDING WITH ALL
- FOR ERRORS THAT ARE NOT REPORTED PRIOR TO CONSTRUCTION.

158 WEST PARK LANE SANFORD, NC 27332

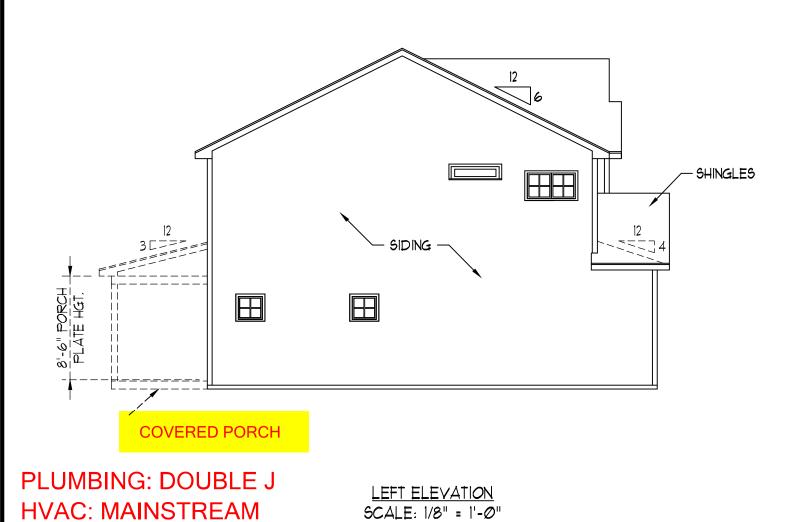
**LOT 11 WEST PARK** 

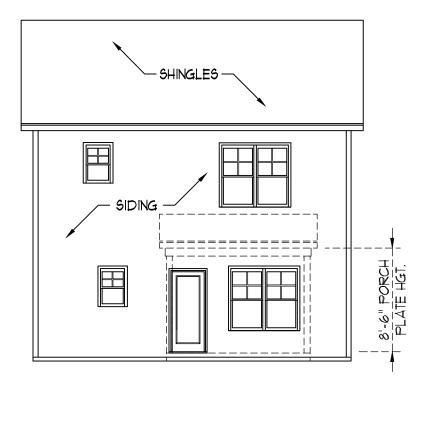
PLANS DESIGNED TO THE 2018 NORTH CAROLINA STATE RESIDENTIAL BUILDING CODE.

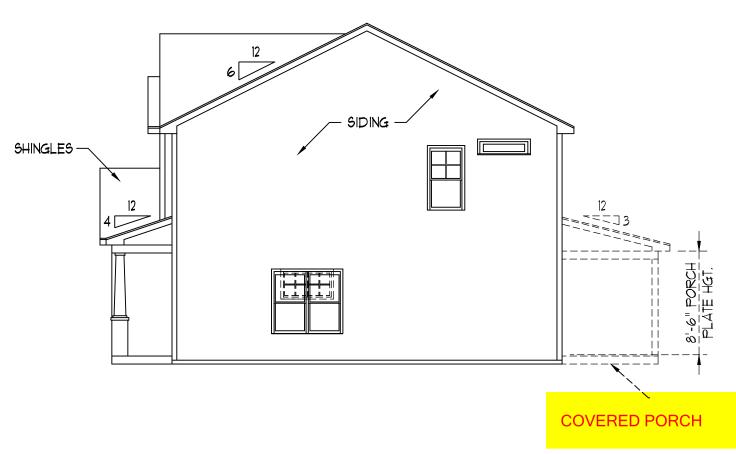


# FRONT ELEVATION-B SCALE: 1/4" = 1'-0"

STEPS PER GRADE AS REQ.







REAR ELEVATION SCALE: 1/8" = 1'-0" RIGHT ELEVATION SCALE: 1/8" = 1'-0"

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RENAISSANCE RESIDENTIAL DESIGN, INC.



DATE: AUGUST 25, 2020

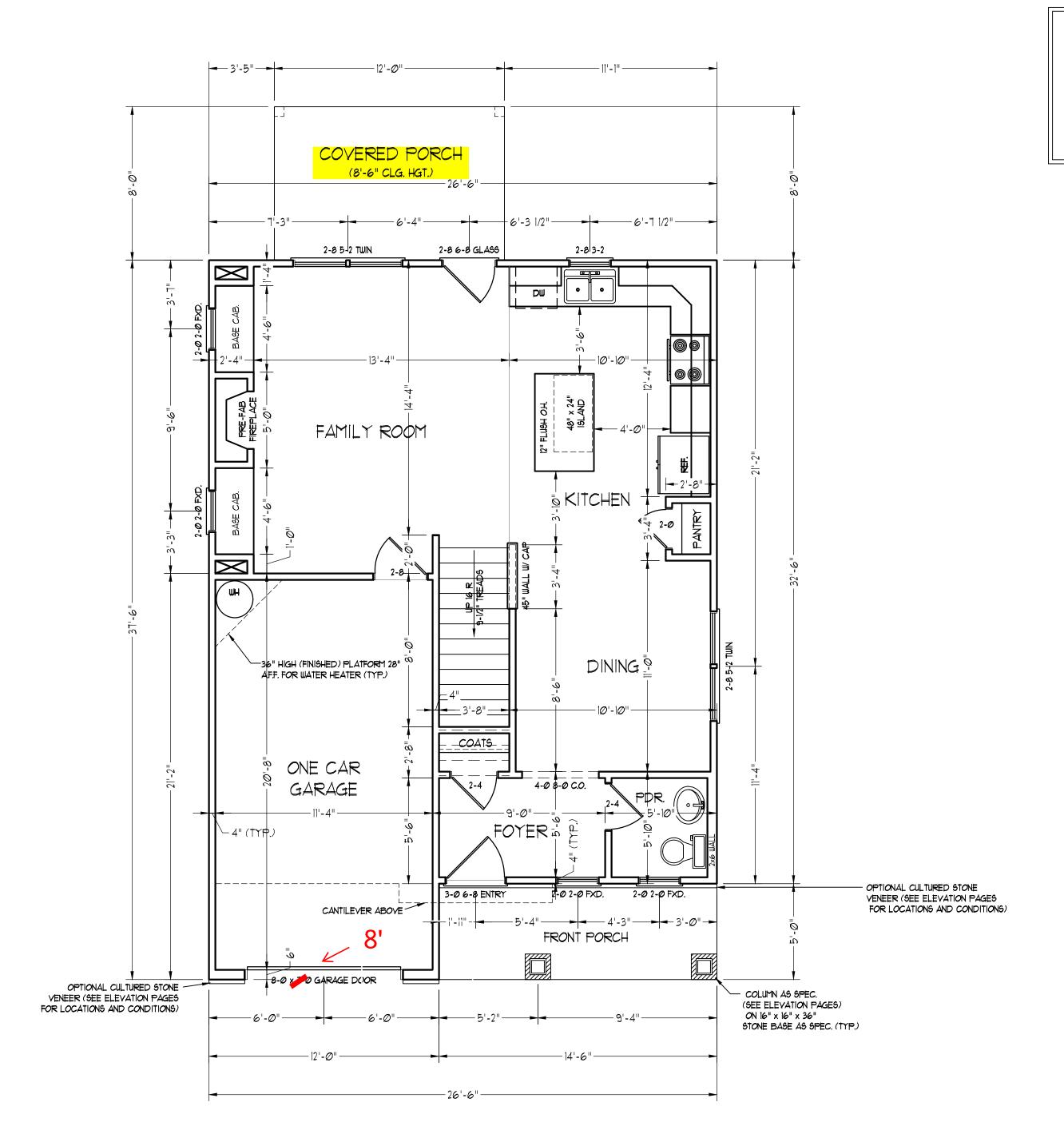
DRAWN BY: WG

ENGINEERED BY: REVIEWED BY:

B - ELEVATIONS

A-2

**ELECTRICAL: PIONEER** 



### SQUARE FOOTAGE (I.F.S.)

 lst FLOOR:
 639 SQ. FT.

 2nd FLOOR:
 195 SQ. FT.

 TOTAL:
 1434 SQ. FT.

 GARAGE:
 232 SQ. FT.

 FRONT PORCH:
 13 SQ. FT.

 STD. REAR PATIO:
 96 SQ. FT.

 OPT. REAR PORCH:
 96 SQ. FT.



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WEAVER HOMES CAROLINA COLLECTION HICKORY DRIVE LEFT

DATE: AUGUST 25, 2020

REV.:

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

DRAWN BY: WG

ENGINEERED BY:

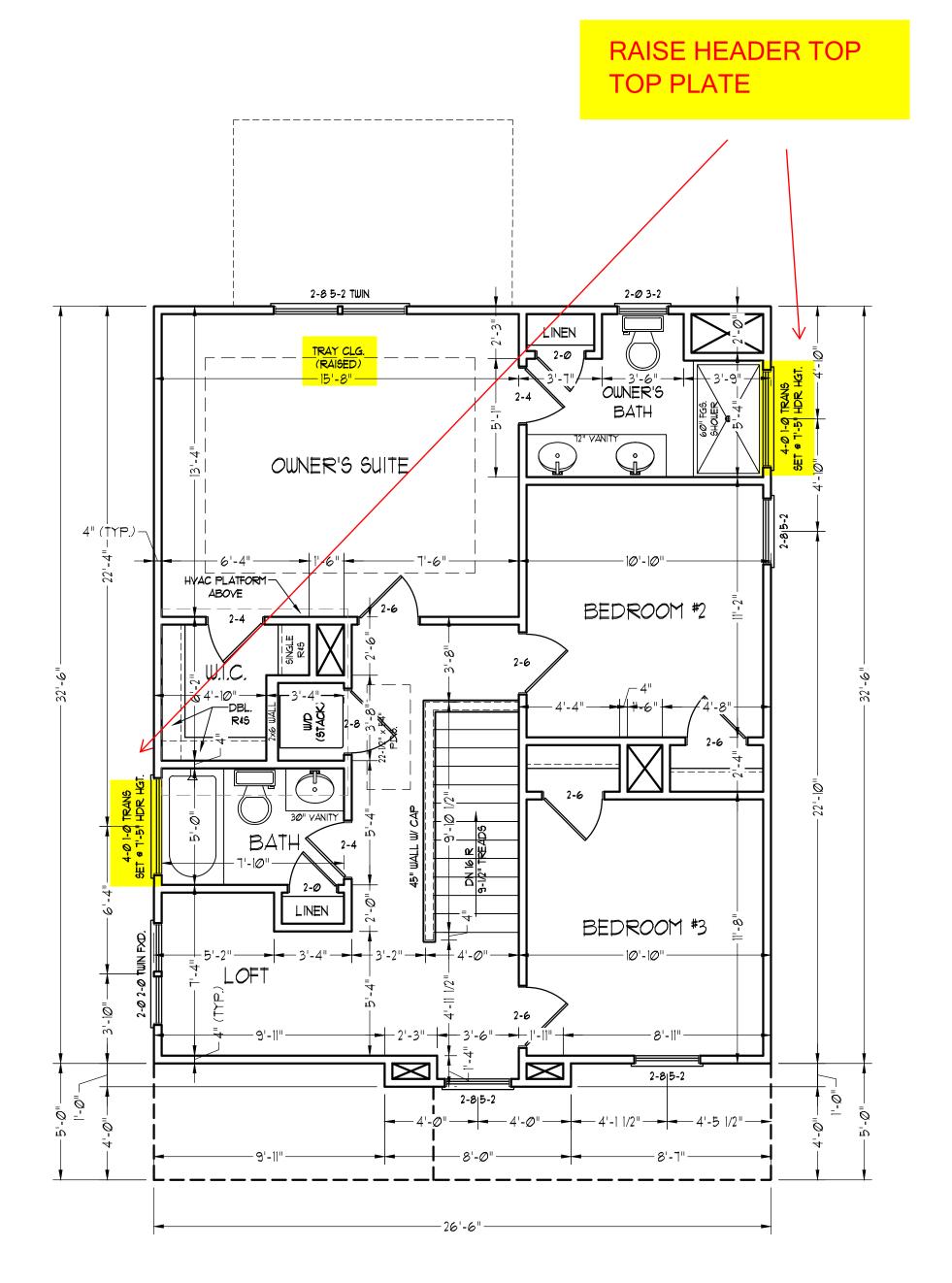
REVIEWED BY:

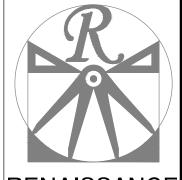
FIRST FLOOR PLAN

A-4

SCALE NOTE: 18x24 PRINTS ARE
TO SCALE AS NOTED.

11x17 PRINTS ARE NOT TO SCALE





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ENGINEERED BY:

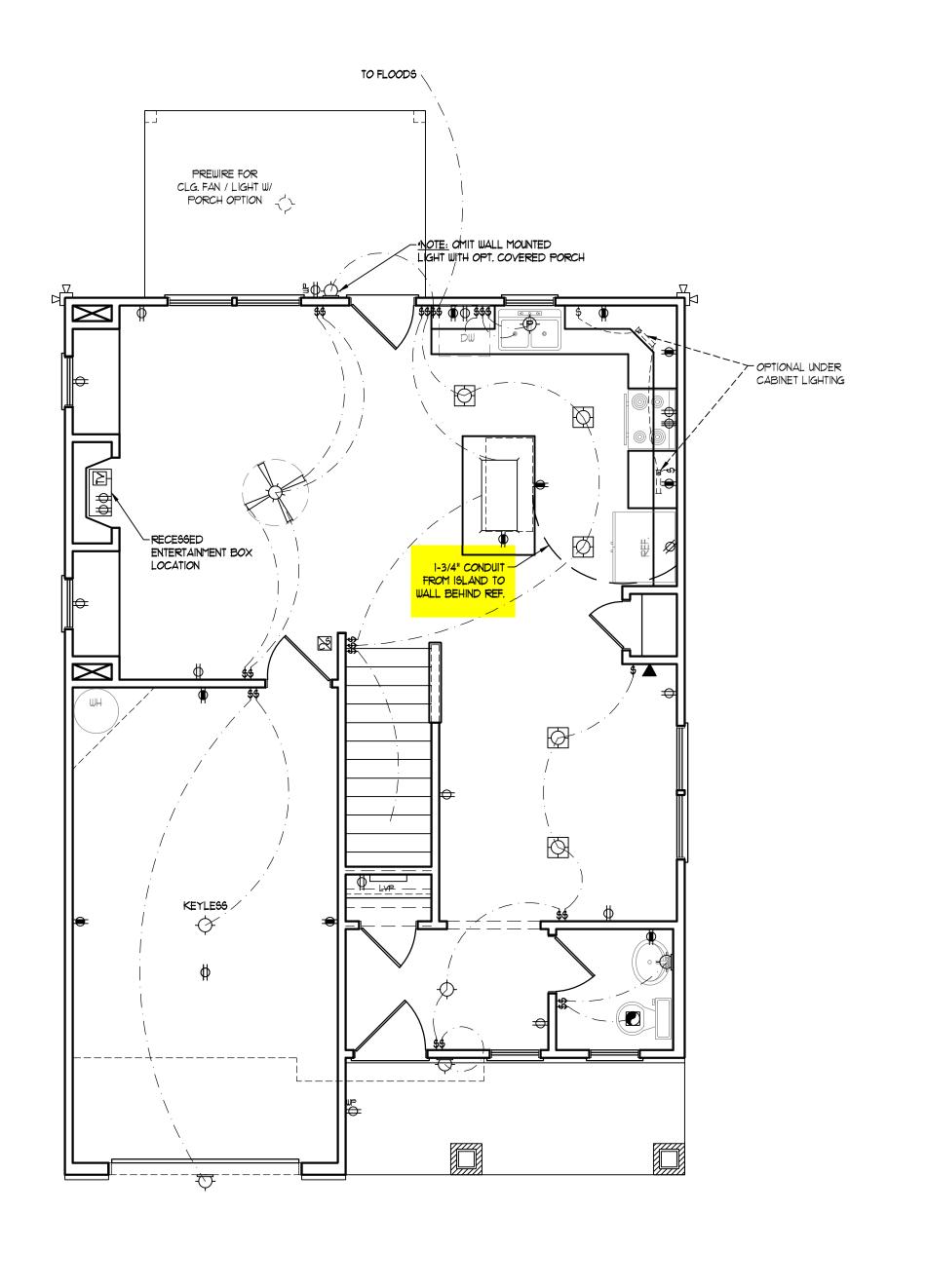
REVIEWED BY:

ECOND ELOC

SECOND FLOOR PLAN

A-5

SCALE NOTE: 18x24 PRINTS ARE
TO SCALE AS NOTED.
11x17 PRINTS ARE NOT TO SCALE



ELECTRICAL LAYOUT NOTES:

1.) BLOCK AND WIRE FOR ALL CELING FANS PER PLAN.

2.) VANITY LIGHTS TO BE SET 

3.) ADDITIONAL EXTERIOR OUTLETS REQUIRED BY CODE TO BE LOCATED BY ELECTRICIAN.

4.) PLACE SWITCHES 8" (MIN.) FROM ROUGH OPENINGS.

### ELECTRICAL LEGEND

⇒ IIØ Y OUTLET

= 110 Y GFI OUTLET

→ 110 V SWITCHED OUTLET

BB THE NO Y BASEBOARD OUTLET

4-PLEX

COUNTER OR FLOOR MOUNTED

COUNTER OR FLOOR MOUNTED 110/ GF1

₩EATHERPROOF

**⇒** 220 ∨ OUTLET

Ø 110 V DEDICATED CIRCUIT

# 220 Y DEDICATED CIRCUIT

PH SPECIAL PURPOSE (240 V, ETC.)

- WALL MOUNT LIGHT

-P- PENDANT LIGHT

RECESSED CAN LIGHT

MINI CAN LIGHT

EYEBALL LIGHT

FLUORESCENT LIGHT undercabinet light

FLOOD LIGHT

SWITCH

\$D DIMMER SWITCH

TELEPHONE

 $\triangle$ DATA

TELEPHONE AND DATA

TV- TV CONNECTION

CD- CONDUIT FOR COMPONENT WIRING

SPEAKER

110 Y SMOKE/ CM DETECTOR

110 Y SMOKE DETECTOR

EXHAUST FAN



ALARM PANEL



SCALE NOTE: 18x24 PRINTS ARE TO SCALE AS NOTED. 11x17 PRINTS ARE NOT TO SCALE



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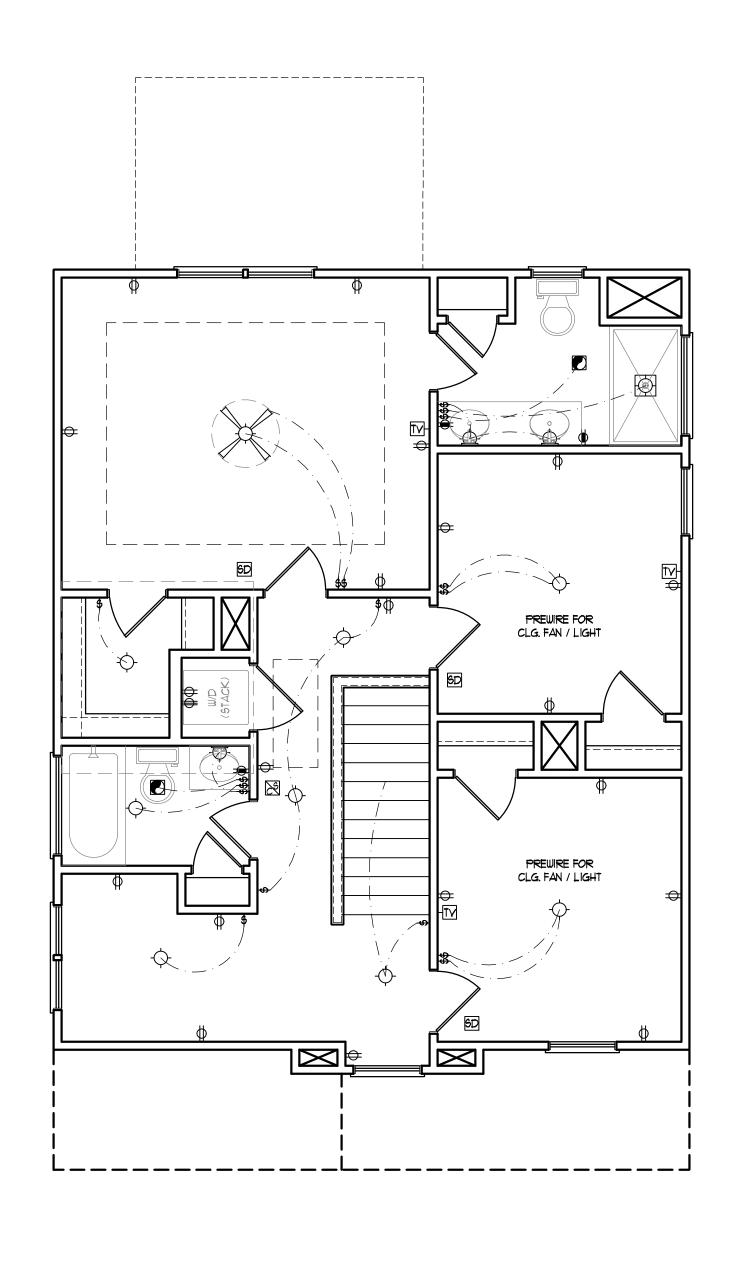
SCALE: 1/4" = 1'-0" DRAWN BY: WG

ENGINEERED BY: REVIEWED BY:

FIRST FLOOR ELECTRICAL PLAN

E-1

 $C: \label{locuments} \label{locuments} C: \label{locuments} We aver \label{locuments} We aver$ 



### ELECTRICAL LAYOUT NOTES:

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2.) VANITY LIGHTS TO BE SET 

3.) ADDITIONAL EXTERIOR OUTLETS REQUIRED BY CODE TO BE LOCATED BY ELECTRICIAN.

4.) PLACE SWITCHES 8" (MIN.) FROM ROUGH OPENINGS.

# ELECTRICAL LEGEND

⇒ IIØ Y OUTLET

= 110 Y GFI OUTLET

→ 110 V SWITCHED OUTLET

BB = 110 Y BASEBOARD OUTLET

4-PLEX

COUNTER OR FLOOR MOUNTED

COUNTER OR FLOOR MOUNTED 110V GF1

₩EATHERPROOF

**⇒** 220 ∨ OUTLET

Ø 110 V DEDICATED CIRCUIT

# 220 Y DEDICATED CIRCUIT

PH SPECIAL PURPOSE (240 V, ETC.)

WALL MOUNT LIGHT

-P- PENDANT LIGHT

RECESSED CAN LIGHT

MINI CAN LIGHT

EYEBALL LIGHT

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FLOOD LIGHT

SWITCH

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TELEPHONE

△ DATA

TELEPHONE AND DATA

TV- TV CONNECTION

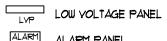
CD- CONDUIT FOR COMPONENT WIRING

SPEAKER

110 Y SMOKE/ CO DETECTOR

110 Y SMOKE DETECTOR

EXHAUST FAN



ALARM PANEL





SCALE NOTE: 18x24 PRINTS ARE TO SCALE AS NOTED. 11x17 PRINTS ARE NOT TO SCALE



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DATE: AUGUST 25, 2020

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

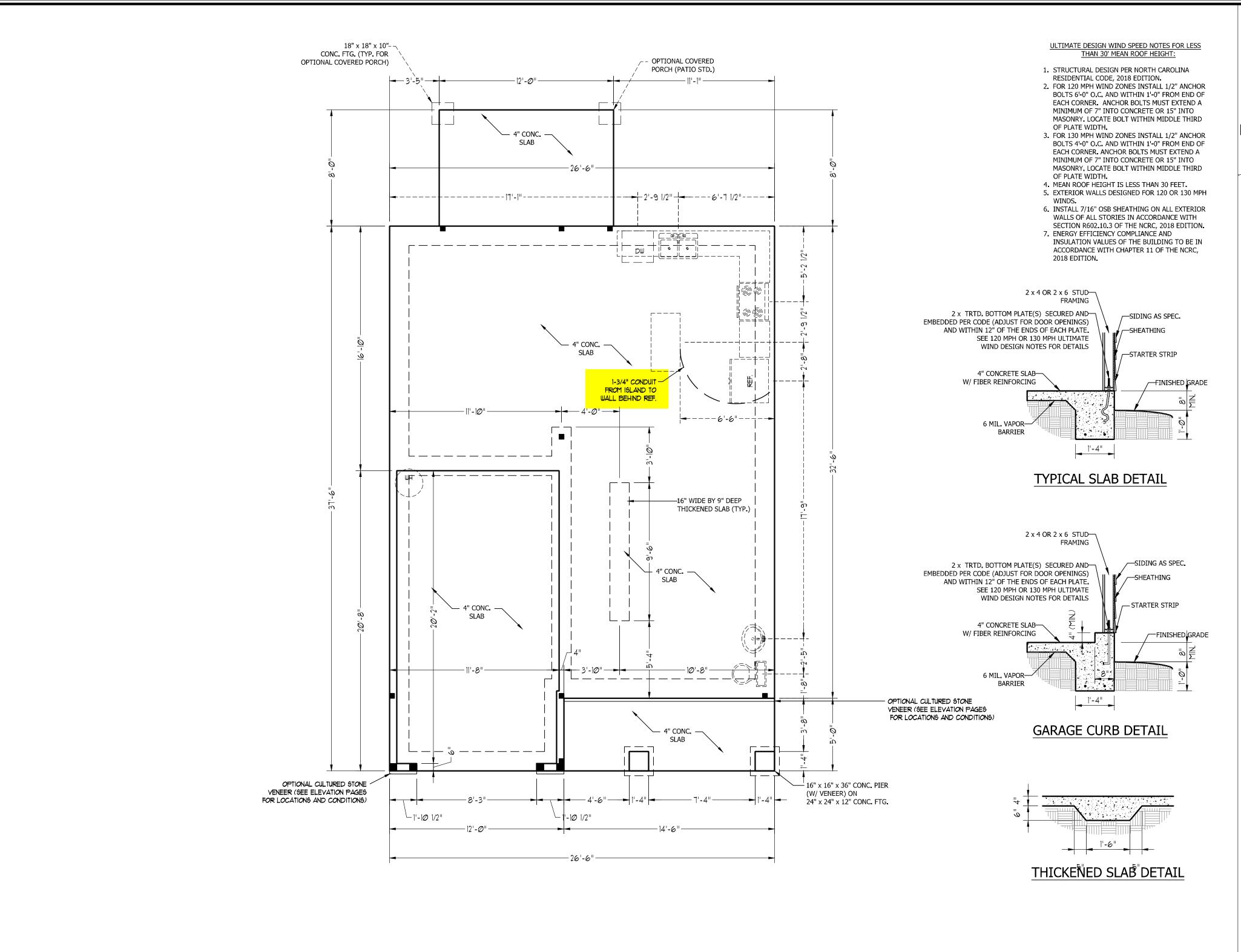
DRAWN BY: WG ENGINEERED BY:

REVIEWED BY: SECOND FLOOR

PLAN E-2

ELCTRICAL

 $C: \label{locuments} \label{locuments} C: \label{locuments} We aver \label{locuments} We aver$ 



SCALE NOTE: 18x24 PRINTS ARE TO SCALE AS NOTED.

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DATE: AUGUST 25, 2020

REV.:

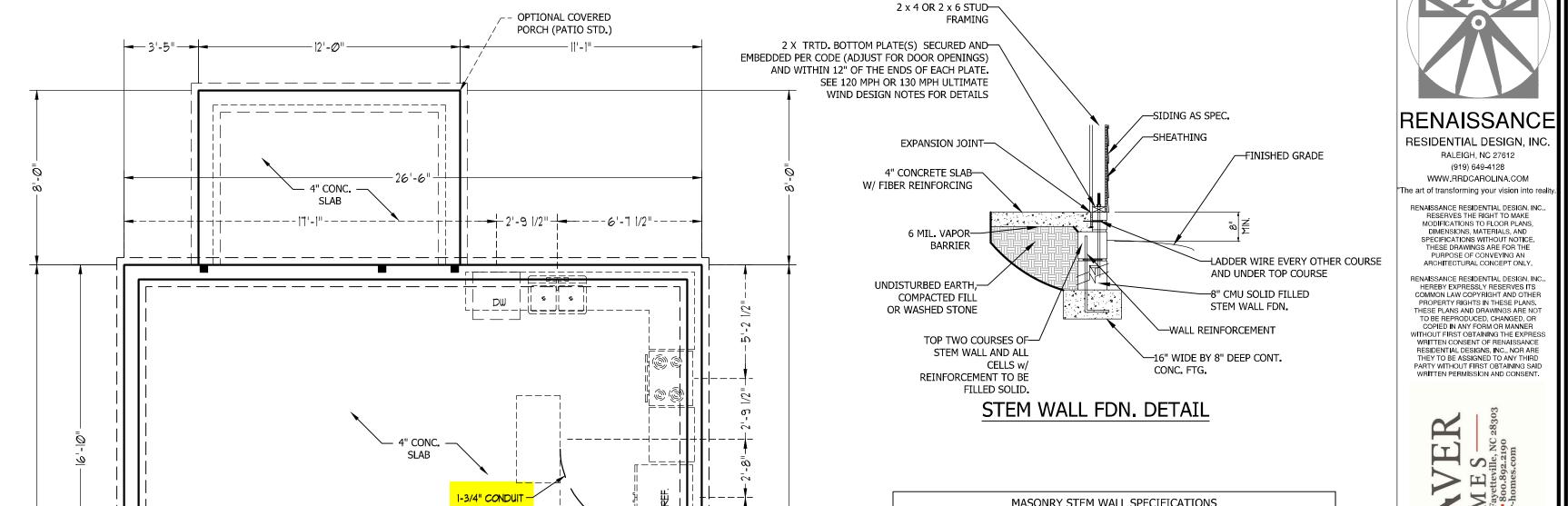
SCALE: 1/4" = 1'-0"

DRAWN BY: WG
ENGINEERED BY:

REVIEWED BY:

MONO SLAB FOUNDATION PLAN

S-1



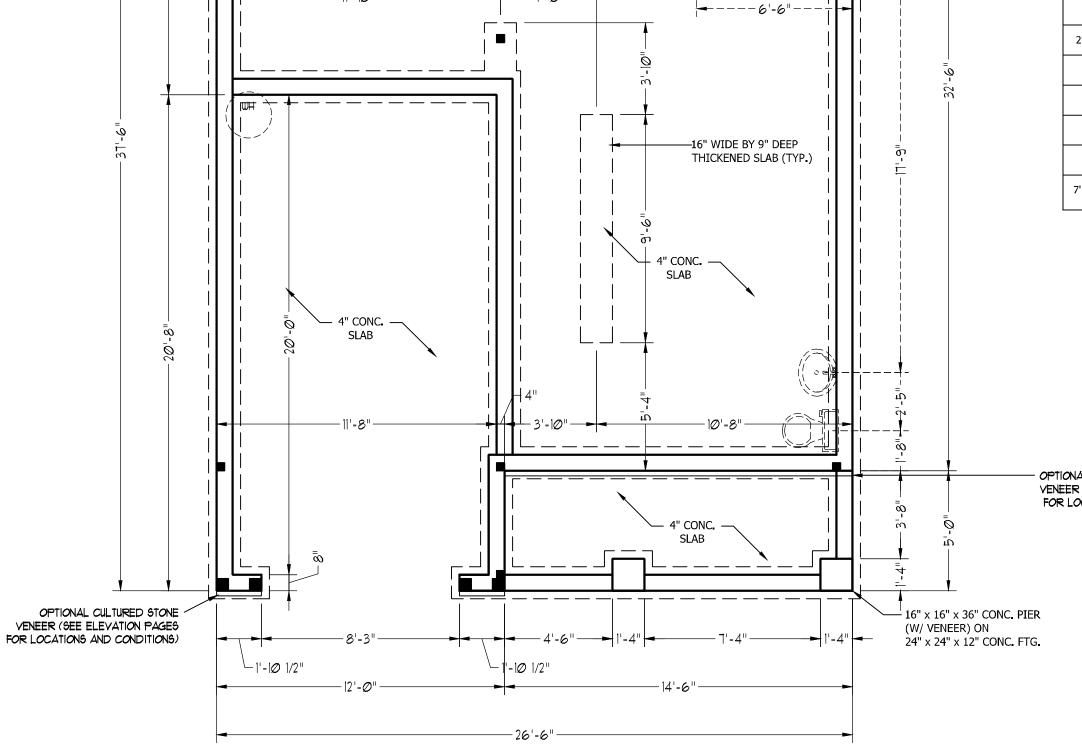
MASONRY STEM WALL SPECIFICATIONS					
WALL HEIGHT (FEET)	MASONRY WALL TYPE				
	8" CMU	4" BRICK AND 4" CMU	4" BRICK AND 8" CMU	12" CMU	
2' OR LESS	UNGROUTED	GROUT SOLID	UNGROUTED	UNGROUTED	
3'	UNGROUTED	GROUT SOLID	UNGROUTED	UNGROUTED	
4'	GROUT SOLID	GROUT SOLID w/ #4 REBAR @ 48" O.C.	GROUT SOLID	GROUT SOLID w/ #4 REBAR @ 64" O.O	
5'	GROUT SOLID w/ #4 REBAR @ 36" O.C.	N/A	GROUT SOLID w/ #4 REBAR @ 36" O.C.	GROUT SOLID w/ #4 REBAR @ 64" O.O	
6'	GROUT SOLID w/ #4 REBAR @ 24" O.C.	N/A	GROUT SOLID w/ #4 REBAR @ 24" O.C.	GROUT SOLID w/ #4 REBAR @ 64" O.O	
7' OR MORE	ENGINEERED BASED ON SITE CONDITIONS				

## STRUCTURAL NOTES:

- 2. TIE MULTIPLE WYTHES TOGETHER WITH LADDER WIRE @ 16" O.C. VERTICALLY.
- 3. WALL HGT. IS MEASURED FROM TOP OF FOOTING TO TOP OF WALL.
- 4. PREP SLAB PER R506.2.1 AND R505.2.2 BASE AND EXCEPTION OF THE 2018 NCRC
- 5. MINIMUM 24" LAP SPLICE LENGTH.
- GRADE) CLASSIFIED AS GROUP 1 ACCORDING TO UNIFIED SOILS CLASSIFICATION SYSTEM IN ACCORDANCE WITH TABLE R405.1 OF THE 2018
- 8. LOCATE REBAR IN CENTER OF FOUNDATION WALL.
- GROUT. USE OF "LOW LIFT GROUTING" METHOD REQUIRED WHEN FILLING

OPTIONAL CULTURED LA FONETH GROUT AT HEIGHTS OF 5' AND GREATER.

VENEER (SEE ELEVATION PAGES



FROM ISLAND TO WALL BEHIND REF.

> SCALE: 1/4" = 1'-0" DRAWN BY: WG

REV.:

ENGINEERED BY: REVIEWED BY:

STEMWALL SLAB FOUNDATION PLAN

DATE: AUGUST 25, 2020

DRIV]

RALEIGH, NC 27612 (919) 649-4128

1. TABLE ABOVE APPLIES TO HOUSE FOUNDATION ONLY. TABLE DOES NOT APPLY TO GARAGE FOUNDATION NOT COMMON TO HOUSE.

6. BACKFILL OF CLEAN #57/ #67 WASHED STONE IS PERMITTED.

7. BACKFILL OF WELL DRAINED SAND-GRAVEL MIXTURE SOILS (45 PSF/FT BELOW

NCRC ARE ALLOWABLE.

9. WHERE REQUIRED, FILL BLOCK SOLID WITH TYPE "S" MORTAR OR 3000 PSI

FOR LOCATIONS AND CONDITIONS)

SCALE NOTE: 18x24 PRINTS ARE TO SCALE AS NOTED. 11x17 PRINTS ARE NOT TO SCALE

ULTIMATE DESIGN WIND SPEED NOTES FOR LESS

2. FOR 120 MPH WIND ZONES INSTALL 1/2" ANCHOR

MINIMUM OF 7" INTO CONCRETE OR 15" INTO

3. FOR 130 MPH WIND ZONES INSTALL 1/2" ANCHOR

MINIMUM OF 7" INTO CONCRETE OR 15" INTO MASONRY. LOCATE BOLT WITHIN MIDDLE THIRD

4. MEAN ROOF HEIGHT IS LESS THAN 30 FEET.5. EXTERIOR WALLS DESIGNED FOR 120 OR 130 MPH

6. INSTALL 7/16" OSB SHEATHING ON ALL EXTERIOR

WALLS OF ALL STORIES IN ACCORDANCE WITH SECTION R602.10.3 OF THE NCRC, 2018 EDITION.

INSULATION VALUES OF THE BUILDING TO BE IN ACCORDANCE WITH CHAPTER 11 OF THE NCRC,

ANCHOR SPACING AND EMBEDMENT

NOTE: HORIZONTAL FOOTING REBAR REQUIRED IN HIGH WIND ZONES ONLY (140-150 MPH)

130 MPH

4'-0" O.C.

7" INTO CONCRETE 15" INTO MASONRY

120 MPH

6'-0" O.C.

7. ENERGY EFFICIENCY COMPLIANCE AND

BOLTS 4'-0" O.C. AND WITHIN 1'-0" FROM END OF EACH CORNER. ANCHOR BOLTS MUST EXTEND A

MASONRY. LOCATE BOLT WITHIN MIDDLE THIRD

BOLTS 6'-0" O.C. AND WITHIN 1'-0" FROM END OF EACH CORNER. ANCHOR BOLTS MUST EXTEND A

1. STRUCTURAL DESIGN PER NORTH CAROLINA

RESIDENTIAL CODE, 2018 EDITION.

OF PLATE WIDTH.

OF PLATE WIDTH.

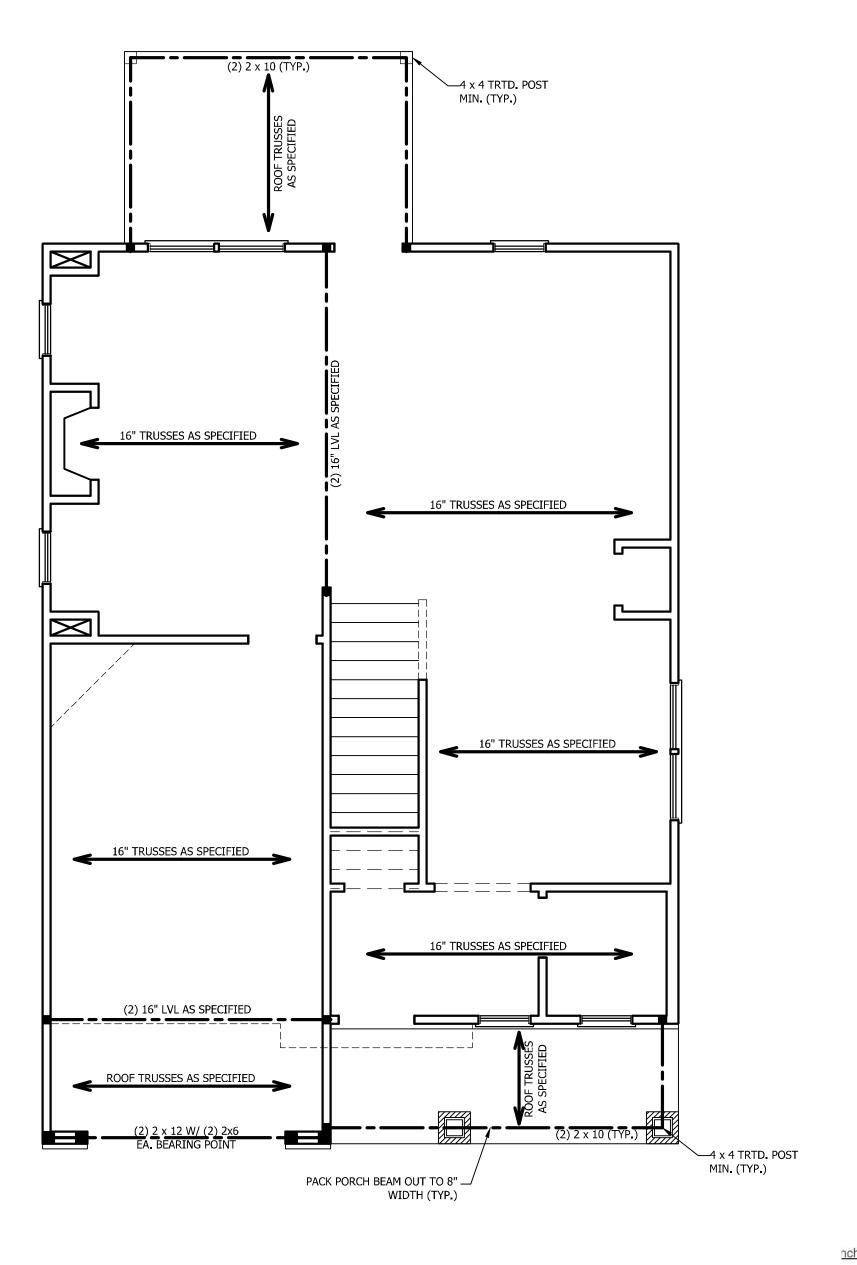
2018 EDITION.

WIND ZONE

SPACING

EMBEDMENT

THAN 30' MEAN ROOF HEIGHT:



#### STRUCTURAL NOTES:

- 1. ALL FRAMING LUMBER TO BE SPF #2 (UNO). ALL TREATED LUMBER TO BE SYP #2 (UNO.)
- 2. ALL LOAD BEARING HEADERS TO BE (2) 2 x 4 (UNO).
- 3. INSTALL AN EXTRA JOIST UNDER WALLS PARALLEL TO FLOOR JOISTS
- 4. WINDOW AND DOOR HEADERS TO BE SUPPORTED w/ (1) JACK STUD AND (1) KING STUD EA. END (UNO.). SEE TABLE R602.7.5 FOR ADDITIONAL KING STUD REQUIREMENTS.
- 5. SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION. ALL SQUARES TO BE (2) STUDS (UNO.)
- 6. ALL 4 X 4 POSTS SHALL BE ANCHORED TO SLABS W/ SIMPSON ABU44 POST BASES (OR EQUAL) AND 6 X 6 POSTS W/ ABU66 POST BASES (OR EQUAL) (UNO). ALL 4 X 4 AND 6 X 6 POSTS TO BE INSTALLED WITH 700 LB CAPACITY UPLIFT CONNECTORS AT TOP (UNO.)
- 7. FOR FIBERGLASS, ALUMINUM, OR COLUMN ENG. BY OTHERS, SECURE TO SLAB W/ (2) METAL ANGLES USING 2" CONC. SCREWS. FASTEN ANGLES TO COLUMNS W/ 1/4" THROUGH BOLTS W/ NUTS AND WASHERS. LOCATE ANGLES ON OPPOSITE SIDES OF COLUMN. THROUGH BOLTS MUST BE INSTALLED PRIOR TO SETTING COLUMN.

#### **BRACE WALL PANEL NOTES:**

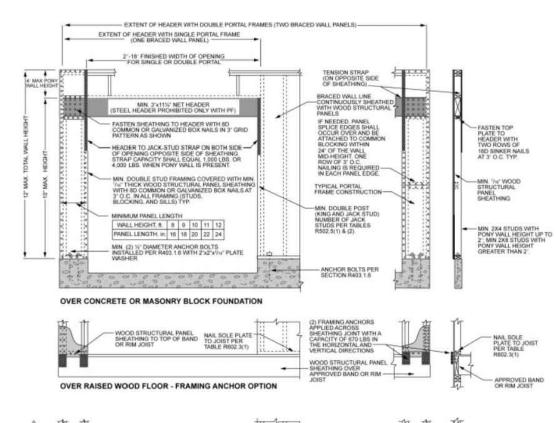
**EXTERIOR WALLS:** ALL EXTERIOR WALLS TO BE SHEALTHED WITH CS-WSP OR CS-SFB IN ACCORDANCE WITH SECTION R602.10.3 UNLESS NOTED OTHERWISE.

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 THIER ACTUAL LENGTH. METHOD GB CONTRIBUTES 0.5 ITS ACTUAL LENGTH. METHOD PF CONTRIBUTES 1.5 TIMES ITS ACTUAL LENGTH.

**GYPSUM:** ALL INTERIOR SIDES OF EXTERIOR WALLS AND BOTH SIDES OF 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.

**HD:** 800 LBS HOLD DOWN DEVICE FASTENED TO THE EDGE OF THE BRACE WALL PANEL NEAREST TO THE CORNER

**METHODS:** PER TABLE R602.10.1



over raised wood floor - overlap option front elevation nch = 25.4 mm, 1 foot = 305 mm, 1 lb = 4.45 N.

FIGURE R602.10.1
METHOD PF—PORTAL FRAME CONSTRUCTION

SCALE NOTE: 18x24 PRINTS ARE
TO SCALE AS NOTED.
11x17 PRINTS ARE NOT TO SCALE

SECTION



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WEAVER HOMES
CAROLINA COLLECTION
HICKORY DRIVE LEFT

DATE: AUGUST 25, 2020

REV.:

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

DRAWN BY: WG

ENGINEERED BY:

REVIEWED BY:

SECOND FLOOR FRAMING PLAN

S-2

C:\Users\Wade\Documents\Projects\Westan-Weaver\Hickory\Hickory\_Gl\_8-25-20.dwg, 8/28/2020 1:29:27 PM

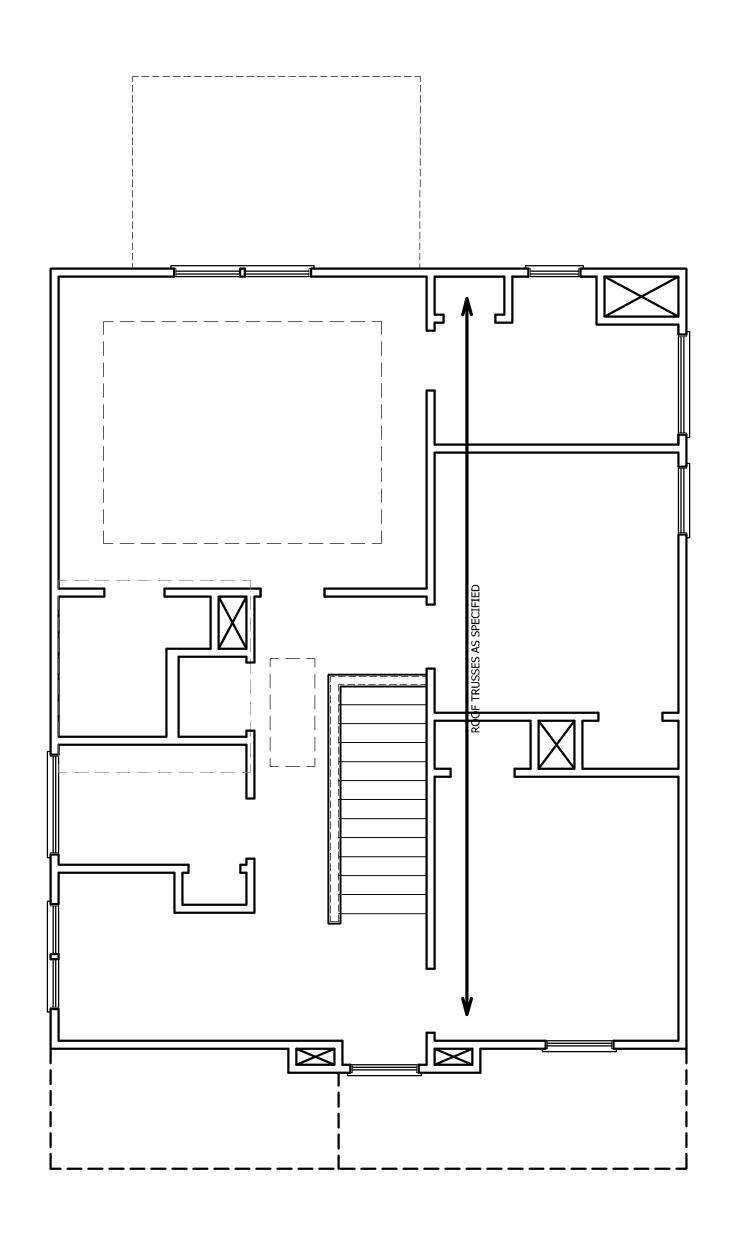


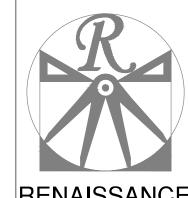
TABLE R602.7.5
MINIMUM NUMBER OF FULL HEIGHT STUDS
AT EACH END OF HEADERS IN EXTERIOR WALLS

HEADER SPAN (FEET)	MAXIMUM STUD SPACING (INCHES) (PER TABLE R602.3(5)				
(. == . )	16	24			
UP TO 3'	1	1			
4'	2	1			
8'	3	2			
12'	5	3			
16'	6	4			

### STRUCTURAL NOTES:

- 1. ALL FRAMING LUMBER TO BE SPF #2 (UNO). ALL TREATED LUMBER TO BE SYP #2 (UNO.)
- 2. ALL LOAD BEARING HEADERS TO BE (2) 2 x 6 (UNO).
- 3. WINDOW AND DOOR HEADERS TO BE SUPPORTED w/ (1) JACK STUD AND (1) KING STUD EA. END (UNO.). SEE TABLE R602.7.5 FOR ADDITIONAL KING STUD REQUIREMENTS.
- 4. SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION. ALL SQUARES TO BE (2) STUDS (UNO.)

DSP - DOUBLE STUD POCKET TSP - TRIPLE STUD POCKET



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RALEIGH, NC 27612

(919) 649-4128

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DATE: AUGUST 25, 2020

REV.:

SCALE: 1/4" = 1'.0"

DRAWN BY: WG

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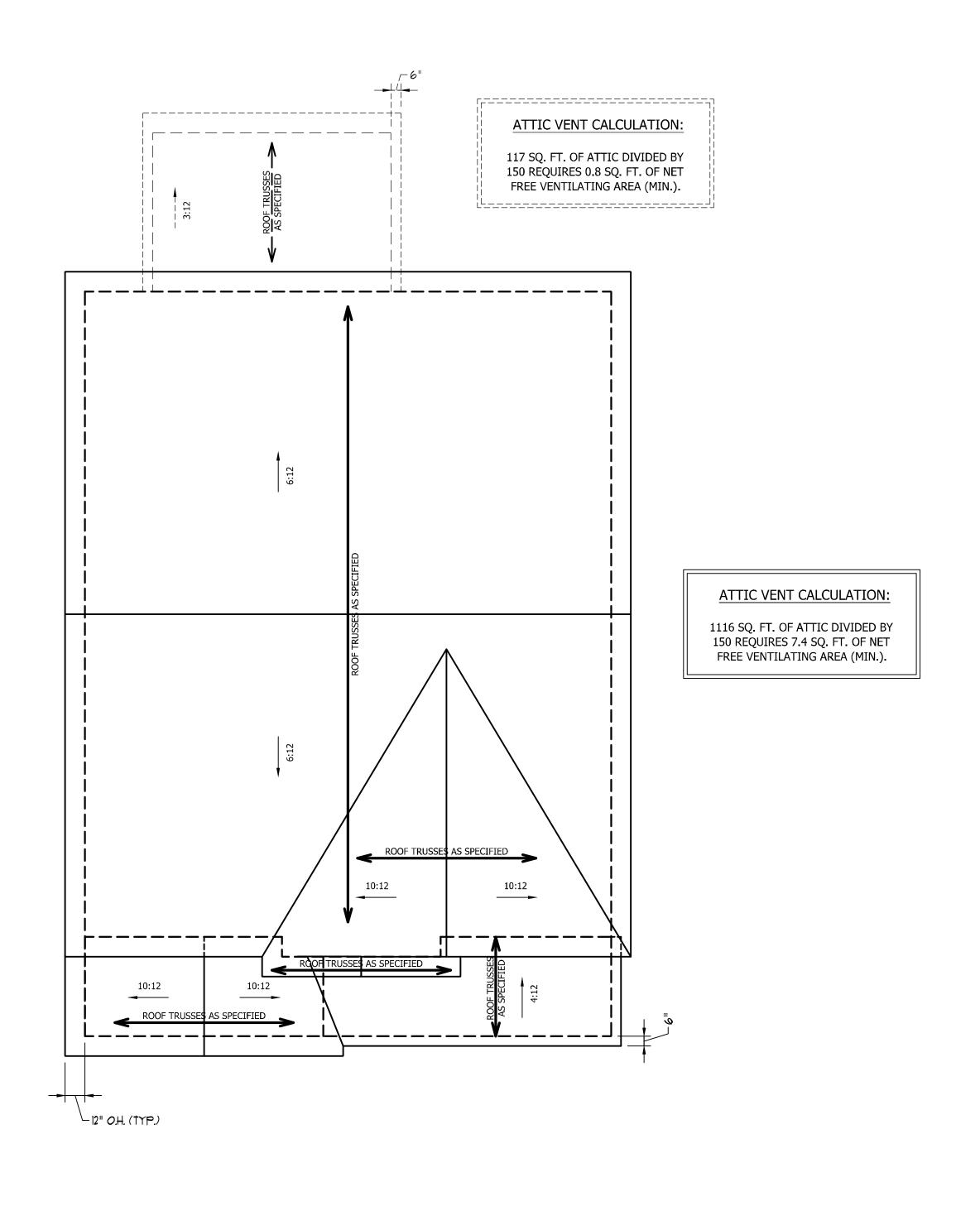
REVIEWED BY:

ATTIC FLOOR FRAMING PLAN

SCALE NOTE: 18x24 PRINTS ARE
TO SCALE AS NOTED.

11x17 PRINTS ARE NOT TO SCALE

S-3



### ATTIC VENT CALCULATION:

150 REQUIRES 6.9 SQ. FT. OF NET FREE VENTILATING AREA (MIN.).

#### **STRUCTURAL NOTES:**

- 1. ALL FRAMING LUMBER TO BE #2 SPF (UNO).
- 2. HIP SPLICES ARE TO BE SPACED A MIN. OF 8'-0". FASTEN MEMBERS WITH THREE ROWS OF 12d NAILS @ 16" O.C. (TYP.)
- 3. STICK FRAME OVER-FRAMED ROOF SECTIONS W/ 2 x 8 RIDGES, 2 x 6 RAFTERS @ 16" O.C. AND FLAT 2 x 10 VALLEYS OR USE VALLEY TRUSSES.
- 4. FASTEN FLAT VALLEYS TO RAFTERS OR TRUSSES WITH SIMPSON H2.5A HURRICANE TIES @ 32" O.C. MAX. PASS HURRICANE TIES THROUGH NOTCH IN ROOF SHEATHING. EACH RAFTER IS TO BE FASTENED TO THE FLAT VALLEY WITH A MIN. OF (6) 12d TOE NAILS.
- 5. REFER TO SECTION R802.11 OF THE 2018 NCRC FOR REQUIRED UPLIFT RESISTANCE AT RAFTERS AND TRUSSES.

1040 SQ. FT. OF ATTIC DIVIDED BY

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DATE: AUGUST 25, 2020

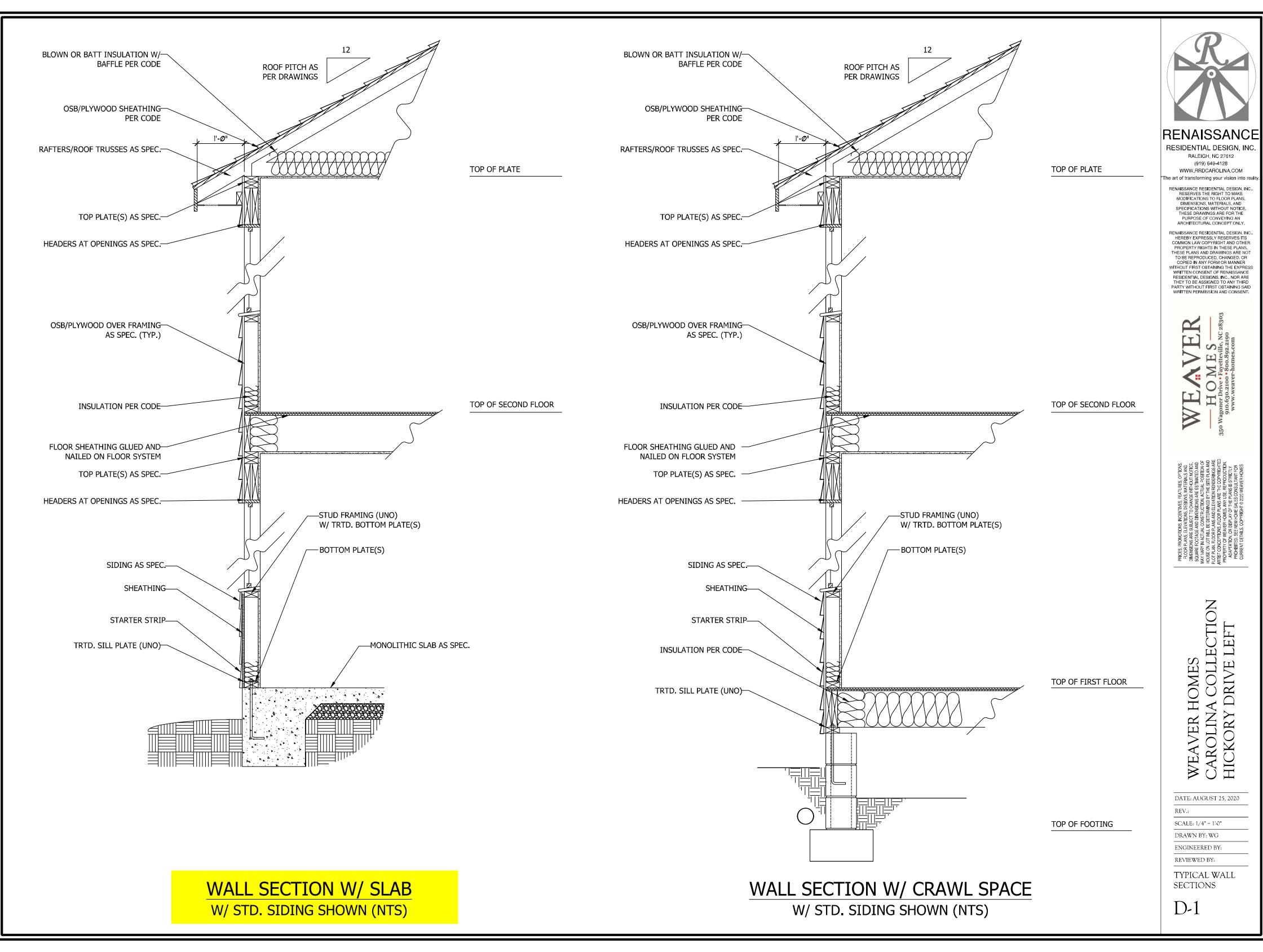
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ENGINEERED BY:

REVIEWED BY:

ROOF PLAN

SCALE NOTE: 18x24 PRINTS ARE TO SCALE AS NOTED. 11x17 PRINTS ARE NOT TO SCALE



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