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

# **CLARK POINTE** LOT 2

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AND REGULATIONS.
- 2. 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 FOR ERRORS THAT ARE NOT REPORTED PRIOR TO CONSTRUCTION.
- 3. ALL DIMENSIONS SHOULD BE READ OR CALCULATED AND NEVER SCALED.
- 4. CONTRACTOR SHALL ENSURE COMPATIBILITY OF THE BUILDING WITH ALL

SITE REQUIREMENTS.



# RENAISSANCE

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REV.:

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

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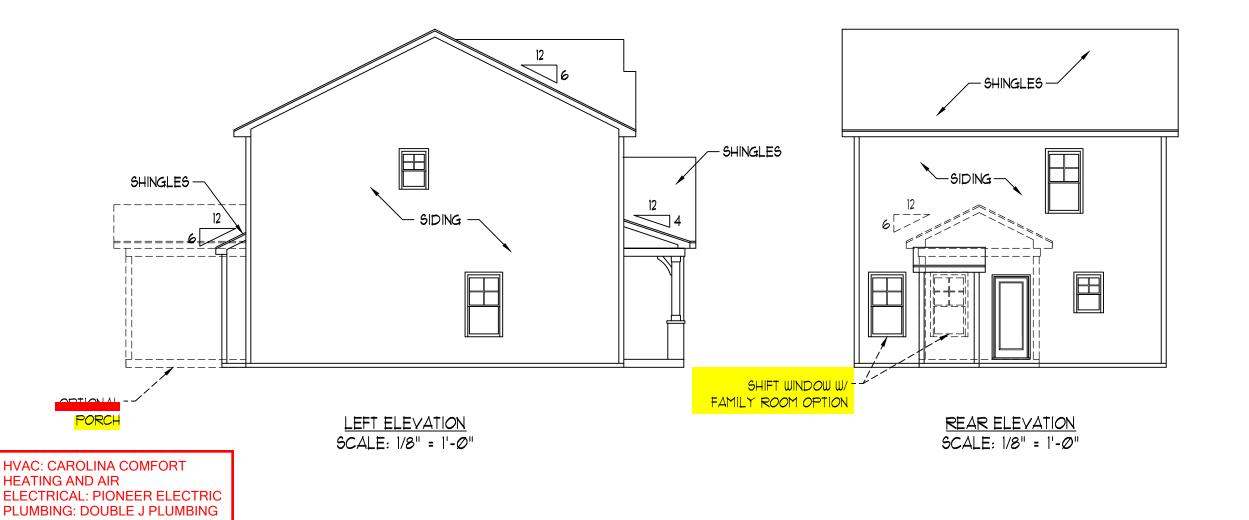
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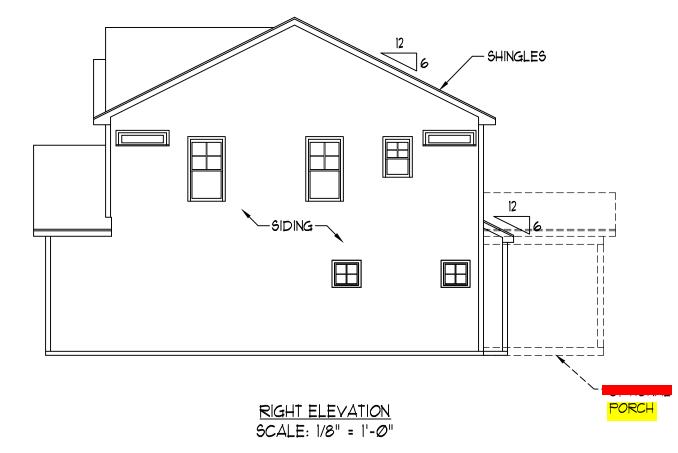
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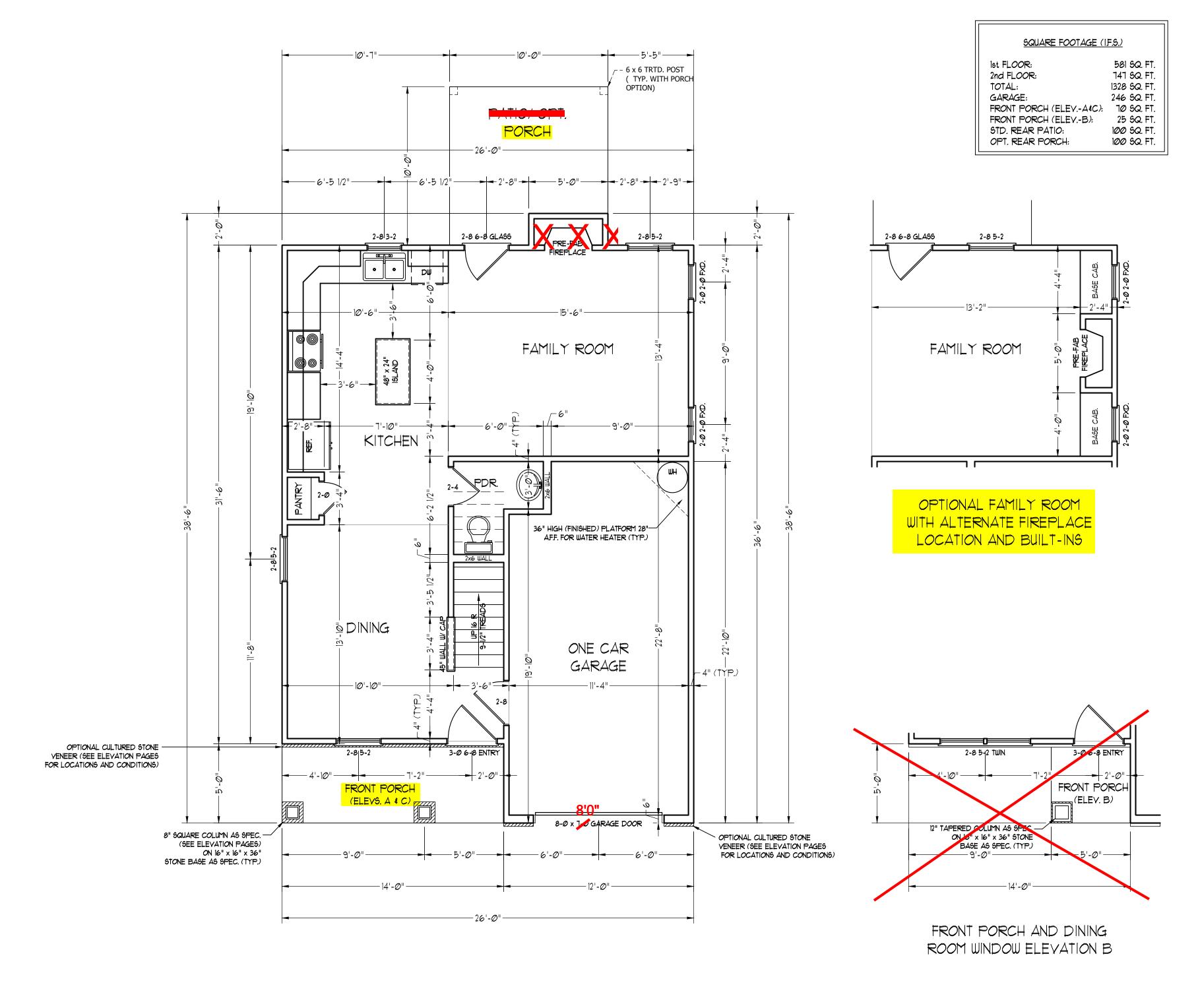
A-3



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







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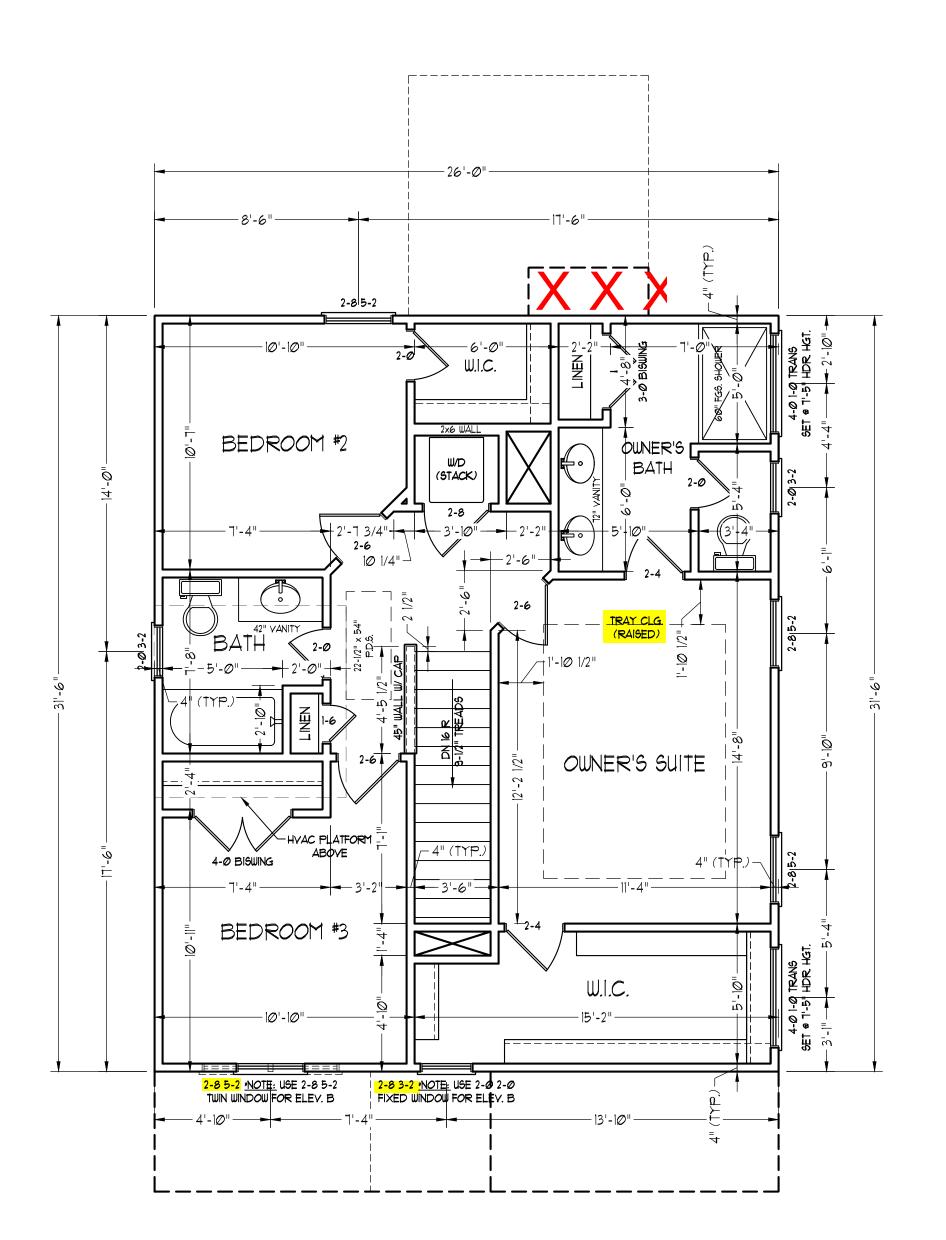
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ENGINEERED BY:

REVIEWED BY:

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ENGINEERED BY:

REVIEWED BY:

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A-5

### **ELECTRICAL LAYOUT NOTES:**

- 1.) BLOCK AND WIRE FOR ALL CELING FANS PER PLAN.
- 2.) VANITY LIGHTS TO BE SET @ 90" AFF. (TYP.)
- 3.) ADDITIONAL EXTERIOR OUTLETS REQUIRED BY CODE TO BE LOCATED BY ELECTRICIAN.
- 4.) PLACE SWITCHES 8" (MIN.) FROM ROUGH OPENINGS.

## ELECTRICAL LEGEND

- ⇒ IIØ ∨ OUTLET
- = IIØ V GFI OUTLET
- = 110 Y SWITCHED OUTLET
- BB = 110 Y BASEBOARD OUTLET
- display="block" display="bl
- COUNTER OR FLOOR MOUNTED
- COUNTER OR FLOOR MOUNTED 110V GF1
- ₩EATHERPROOF
- **⇒** 22Ø ∨ OUTLET
- Ø 110 Y DEDICATED CIRCUIT
- # 220 V DEDICATED CIRCUIT
- PH SPECIAL PURPOSE (240 V, ETC.)
- WALL MOUNT LIGHT
- -P- PENDANT LIGHT
- RECESSED CAN LIGHT
- MINI CAN LIGHT
- EYEBALL LIGHT



FLOOD LIGHT

SWITCH

\$D DIMMER SWITCH

TELEPHONE

△ DATA

TELEPHONE AND DATA

TV- TY CONNECTION

CD- CONDUIT FOR COMPONENT WIRING

SP SPEAKER

☑ IIØ V SMOKE/ CM DETECTOR

SD 110 V SMOKE DETECTOR

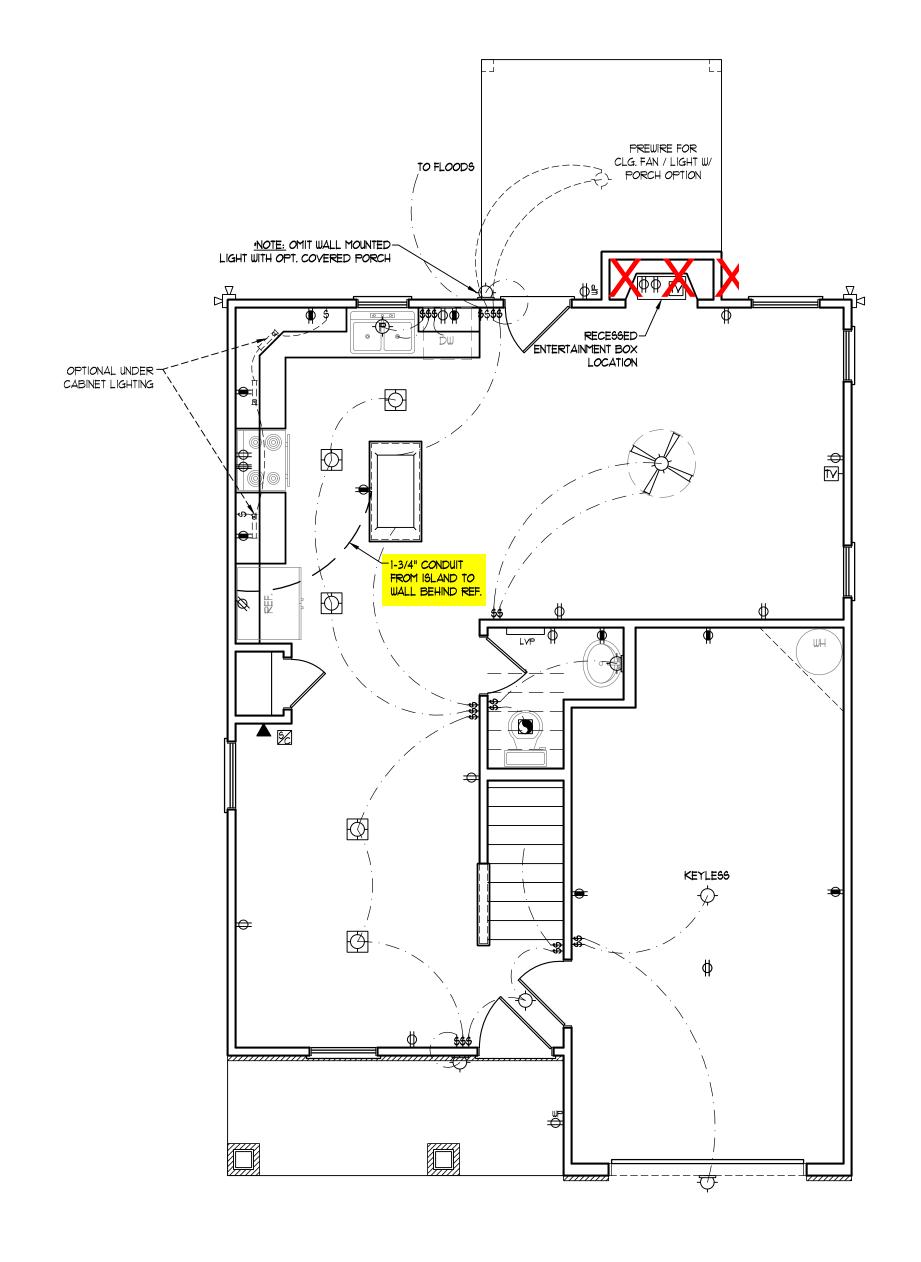
EXHAUST FAN

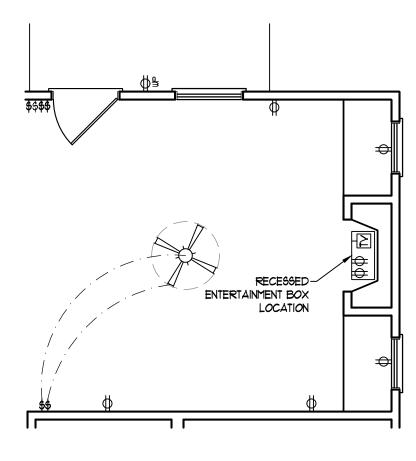
LOW VOLTAGE PANEL



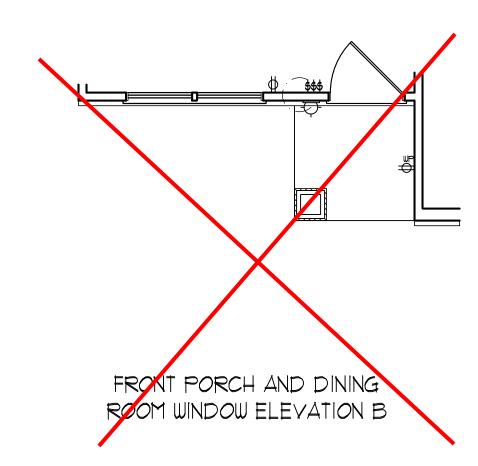




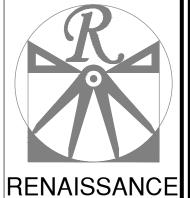




OPTIONAL FAMILY ROOM WITH ALTERNATE FIREPLACE LOCATION AND BUILT-INS



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



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REVIEWED BY:

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E-1

### ELECTRICAL LAYOUT NOTES:

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- 2.) VANITY LIGHTS TO BE SET @ 90" AFF. (TYP.)
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## ELECTRICAL LEGEND

- → IIØ Y OUTLET
- ₩ IIØ V GFI OUTLET
- → 110 V SWITCHED OUTLET
- BB = 110 Y BASEBOARD OUTLET
- dia 4-PLEX
- COUNTER OR FLOOR MOUNTED
- COUNTER OR FLOOR MOUNTED 110Y GFI
- ₩EATHERPROOF
- **₩** 22Ø ∨ OUTLET
- Ø 110 V DEDICATED CIRCUIT
- # 220 Y DEDICATED CIRCUIT
- PI SPECIAL PURPOSE (240 V, ETC.)
- WALL MOUNT LIGHT
- -P-PENDANT LIGHT
- RECESSED CAN LIGHT
- MINI CAN LIGHT
- EYEBALL LIGHT

FLUORESCENT LIGHT



FLOOD LIGHT

SWITCH

\$D DIMMER SWITCH

**TELEPHONE** 

 $\triangle$  DATA

TELEPHONE AND DATA

TV- TY CONNECTION

CD- CONDUIT FOR COMPONENT WIRING

SP SPEAKER

110 V SMOKE/ CO DETECTOR

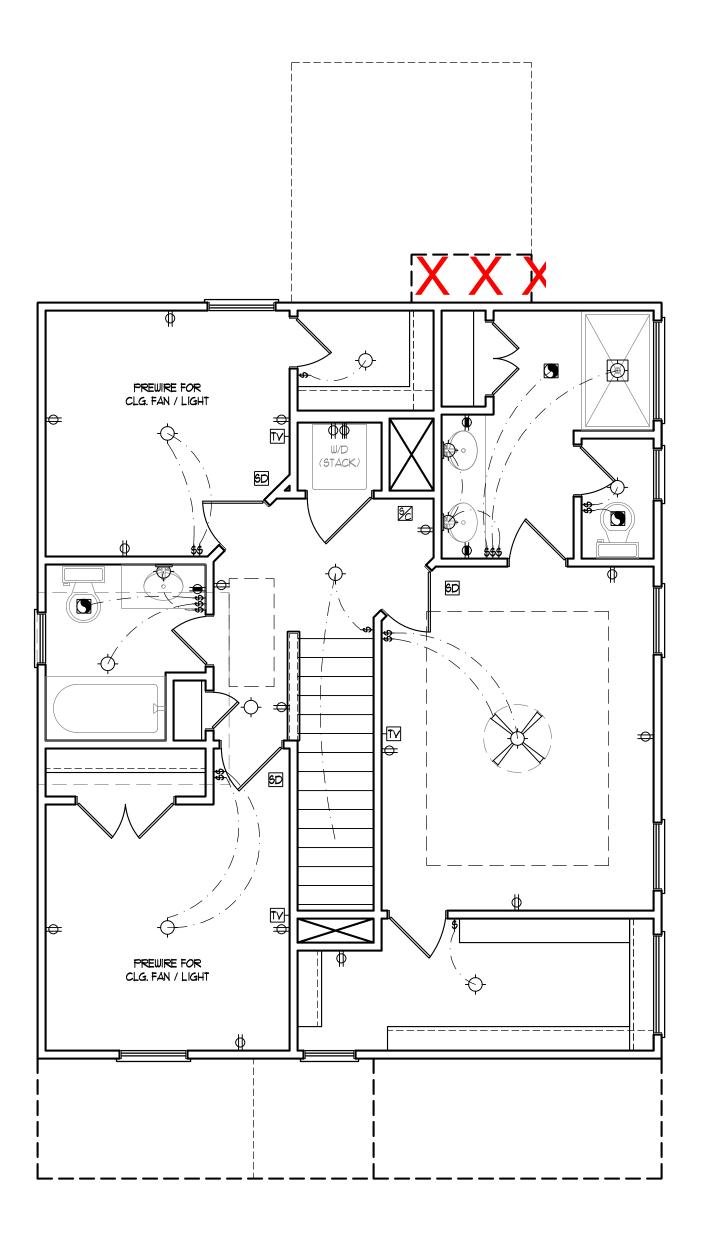
SD 110 Y SMOKE DETECTOR

EXHAUST FAN

LOW VOLTAGE PANEL









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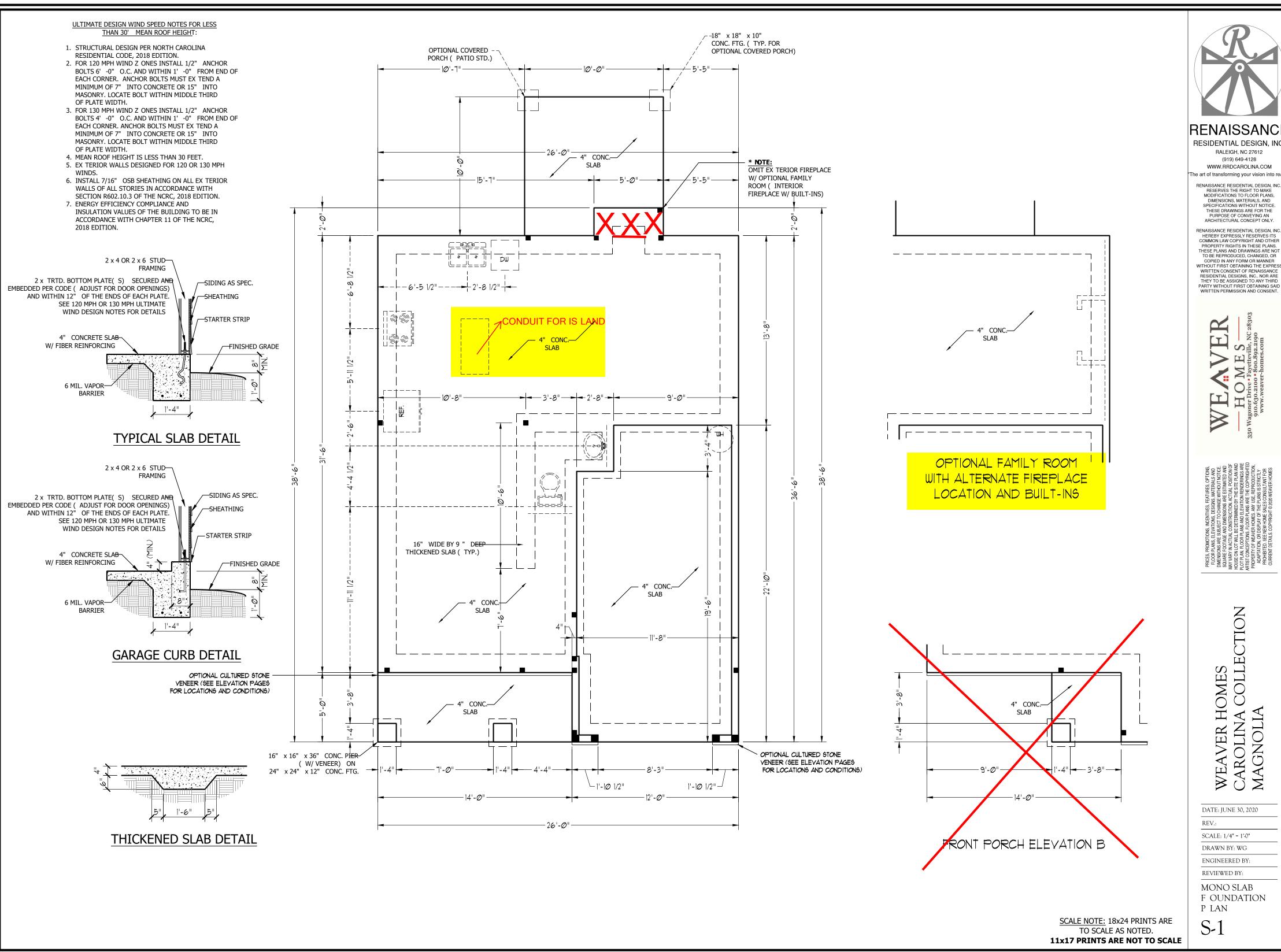
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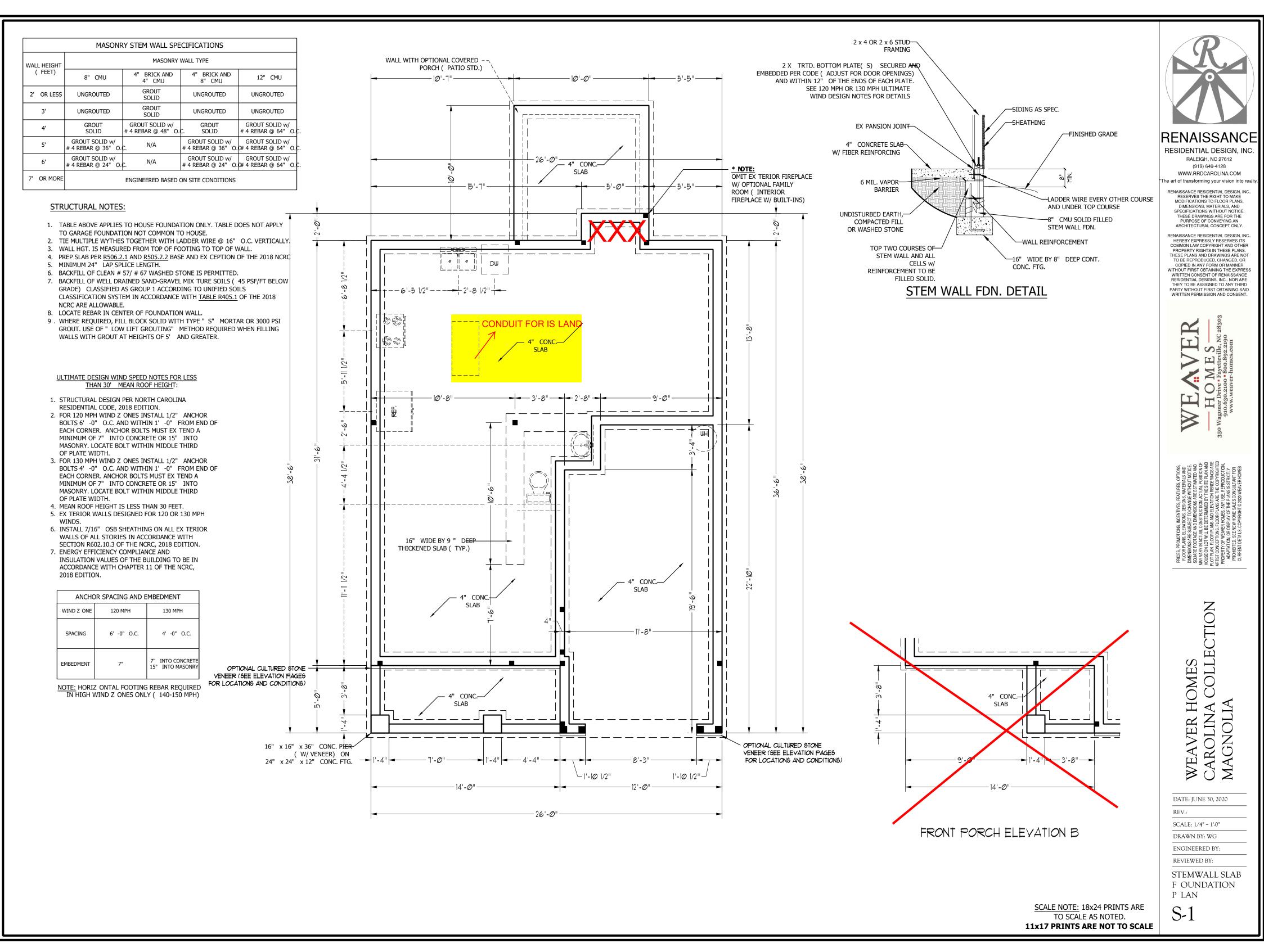
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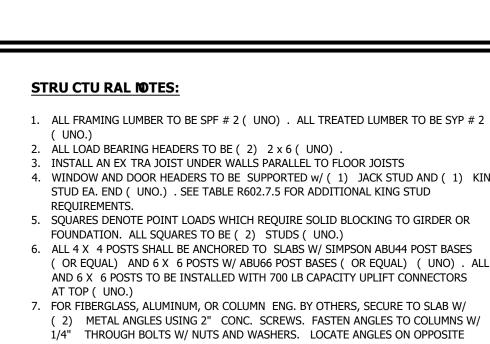
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- 2. ALL LOAD BEARING HEADERS TO BE (2) 2 x 6 (UNO) 3. INSTALL AN EX TRA JOIST UNDER WALLS PARALLEL TO FLOOR JOISTS
- 4. WINDOW AND DOOR HEADERS TO BE SUPPORTED w/ (1) JACK STUD AND (1) KING STUD EA. END ( UNO.) . SEE TABLE R602.7.5 FOR ADDITIONAL KING STUD
- 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
- 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.

#### **B RACE WALL PANEL NOTES:**

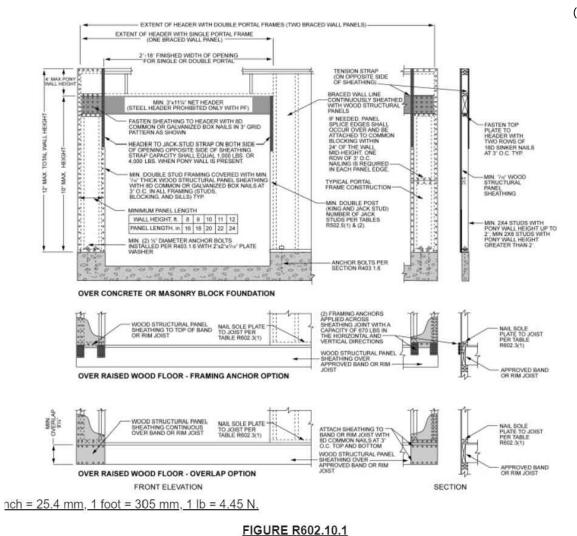
EX TERIOR WALLS: ALL EX TERIOR WALLS TO BE SHEALTHED WITH CS-WSP OR CS-SFB IN ACCORDANCE WITH SECTION R602.10.3 UNLESS NOTED OTHERWISE.

**REQUIREDLENG THOF B RACIN**: 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.

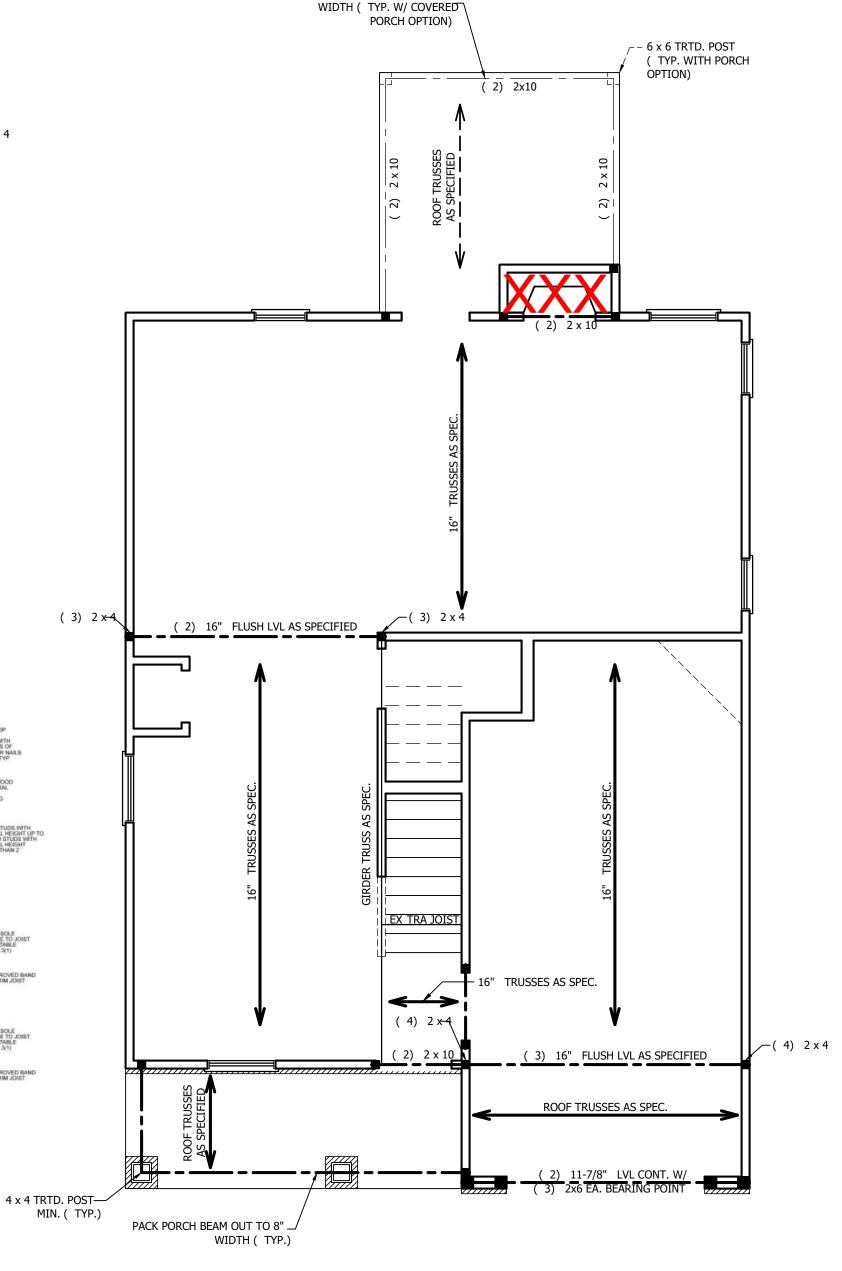
G Y PSU MALL INTERIOR SIDES OF EX TERIOR WALLS AND BOTH SIDES OF INTERIOR WALLS TO HAVE 1/2" GYPSUM INSTALLED, WHEN NOT USING METHOD GB GYPSUM TO BE FASTENED PER TABLE R702.3.5. METHOD GB TO BE FASTENED PER TABLE R602.10.1.

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

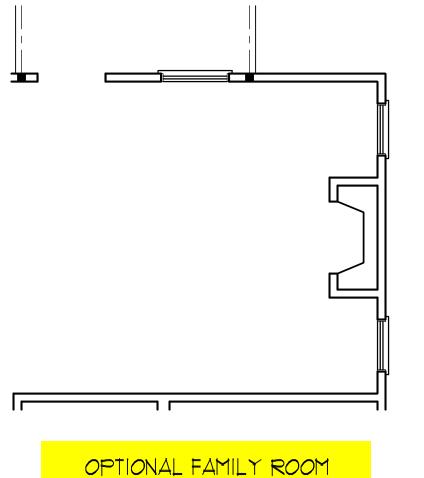
**METHODS:** PER TABLE R602.10.1



METHOD PF-PORTAL FRAME CONSTRUCTION

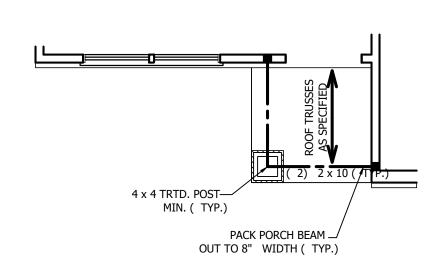


PACK PORCH BEAM OUT TO 8"



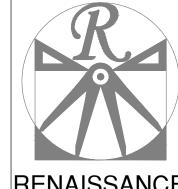
WITH ALTERNATE FIREPLACE

LOCATION AND BUILT-INS



FRONT PORCH AND DINING ROOM WINDOW ELEVATION B

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



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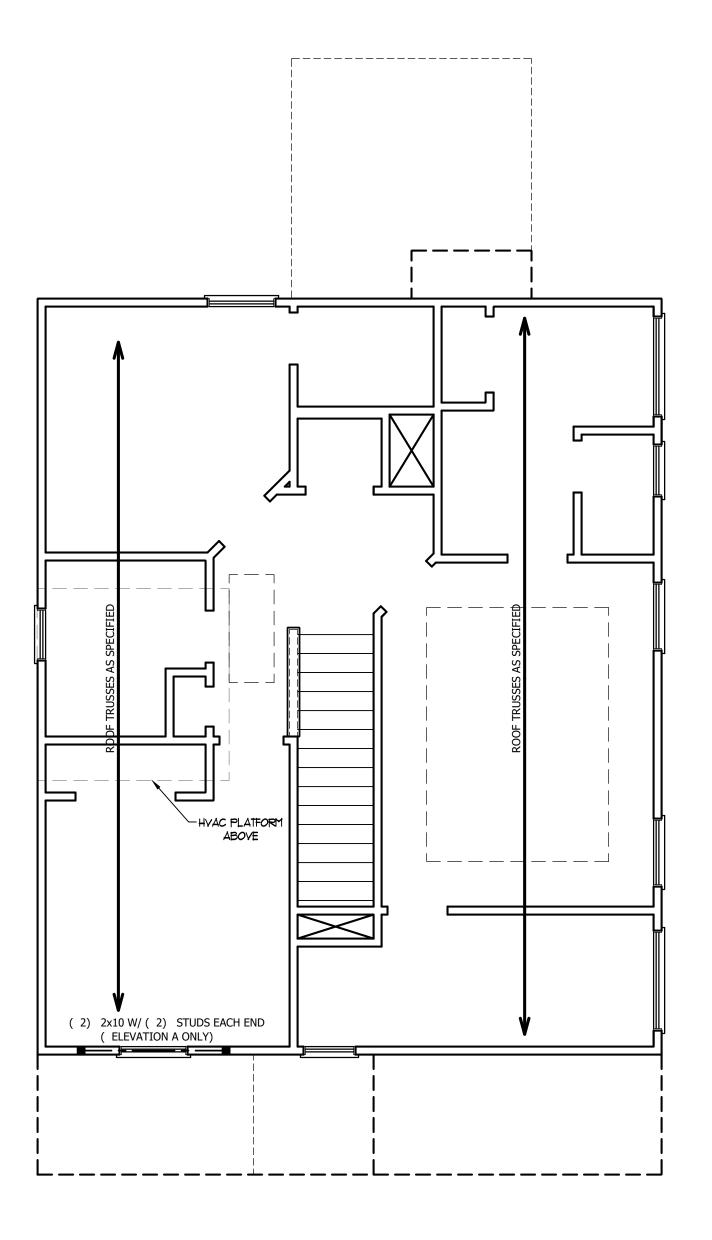


TABLE R602.7.5 MINIMUM NUMBER OF FULL HEIGHT STUDS AT EACH END OF HEADERS IN EX TERIOR WALLS

	THE ENGINEER OF THE REPERS IN EXTENSION WHEE		
	HEADER SPAN ( FEET)	MAX IMUM 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 x6(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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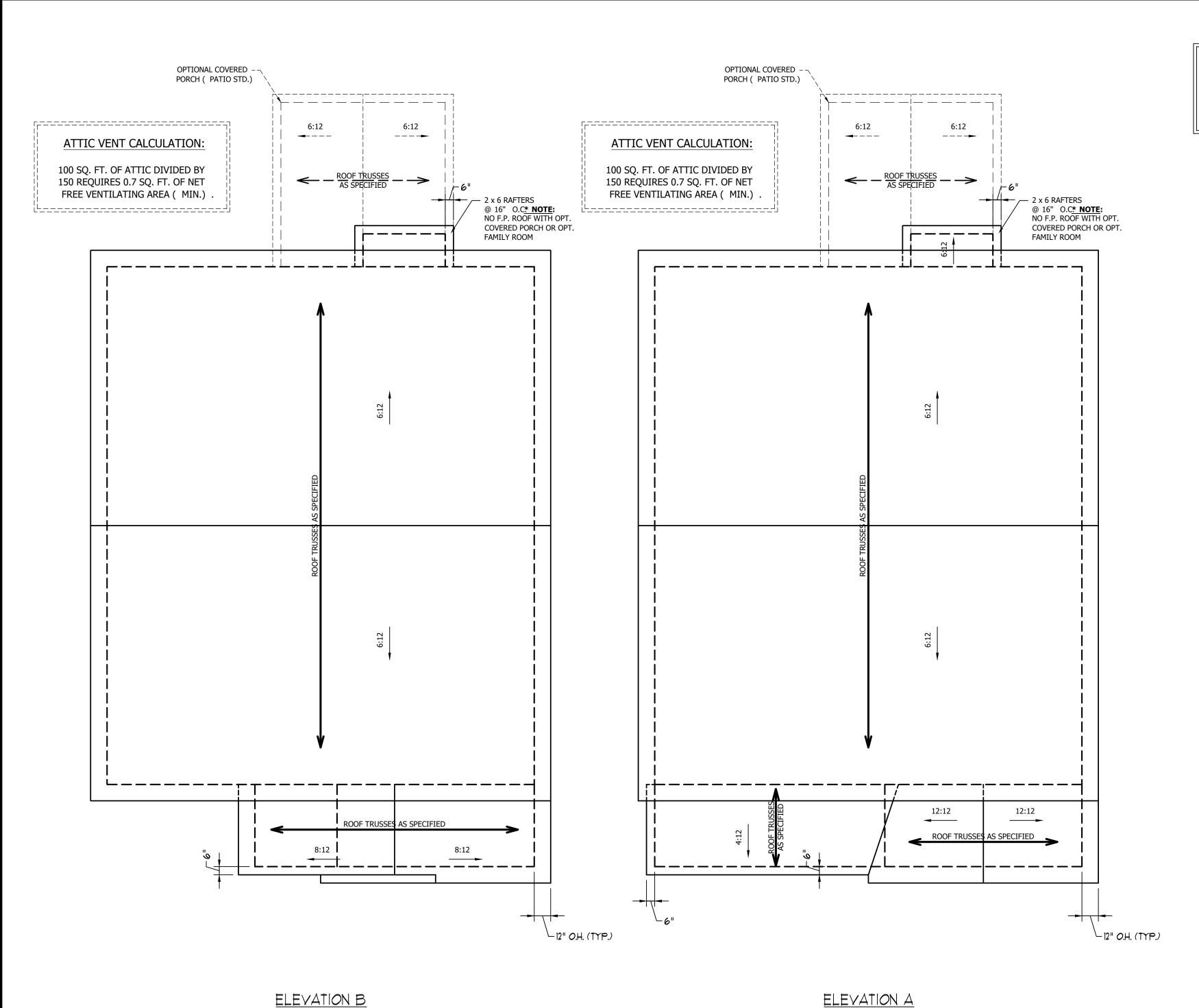
DATE: JUNE 30, 2020

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

ENGINEERED BY: REVIEWED BY:

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S-3



ATTIC VENT CALCULATION:

1077 SQ. FT. OF ATTIC DIVIDED BY 150 REQUIRES 7.2 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.



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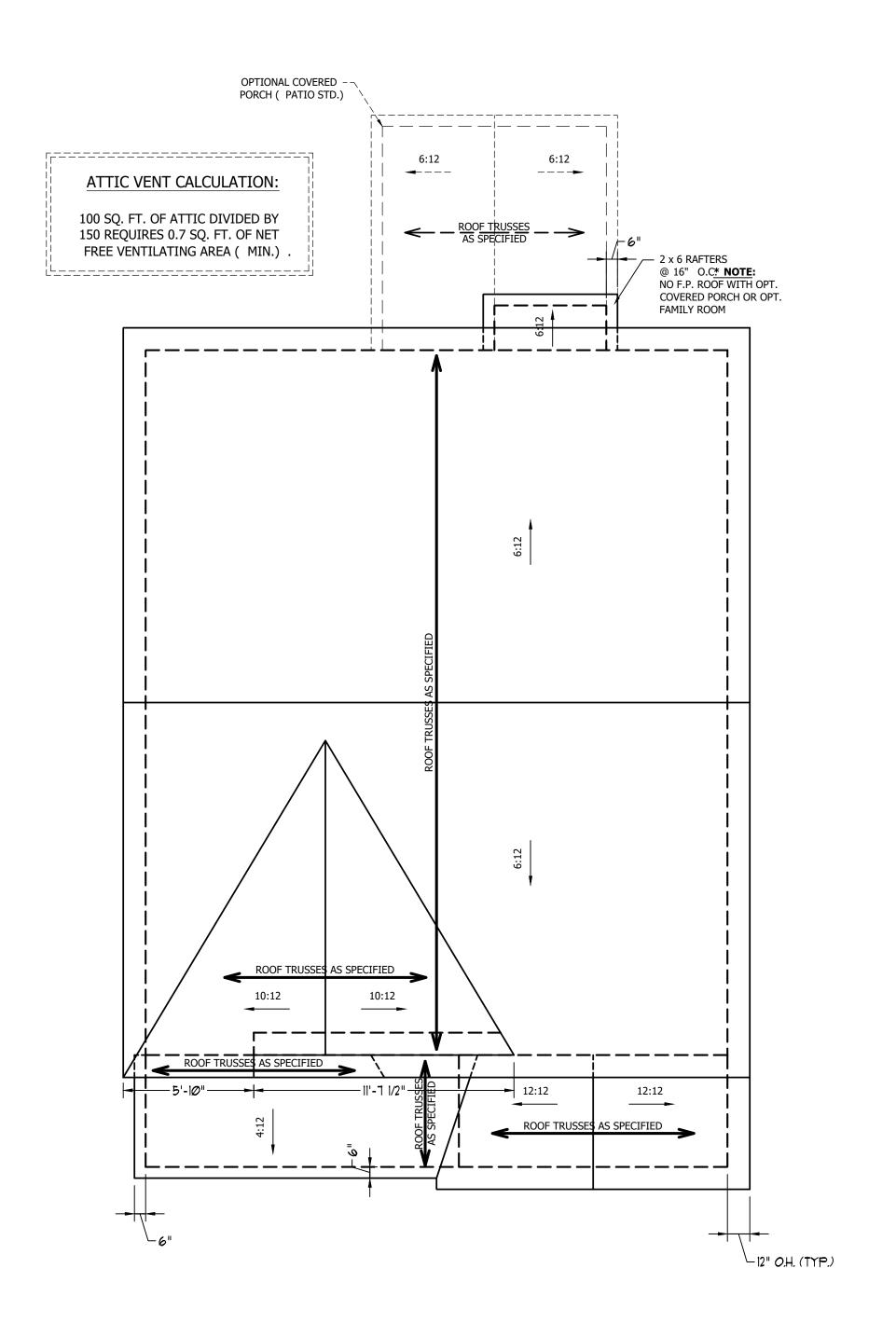
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SCALE NOTE: 18x24 PRINTS ARE TO SCALE AS NOTED.

11x17 PRINTS ARE NOT TO SCALE



ELEVATION C

#### ATTIC VENT CALCULATION:

1040 SQ. FT. OF ATTIC DIVIDED BY 150 REQUIRES 6.9 SQ. FT. OF NET FREE VENTILATING AREA ( MIN.) .

#### STRUCTURAL NOTES:

- 1. ALL FRAMING LUMBER TO BE # 2 SPF ( UNO) .
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- 3. STICK FRAME OVER-FRAMED ROOF SECTIONS W/  $2\times8$  RIDGES,  $2\times6$  RAFTERS @ 16" O.C. AND FLAT  $2\times10$  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.
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WEAVER HOMES CAROLINA COLLECTIO MAGNOLIA

DATE: JUNE 30, 2020

REV.:

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

DRAWN BY: WG

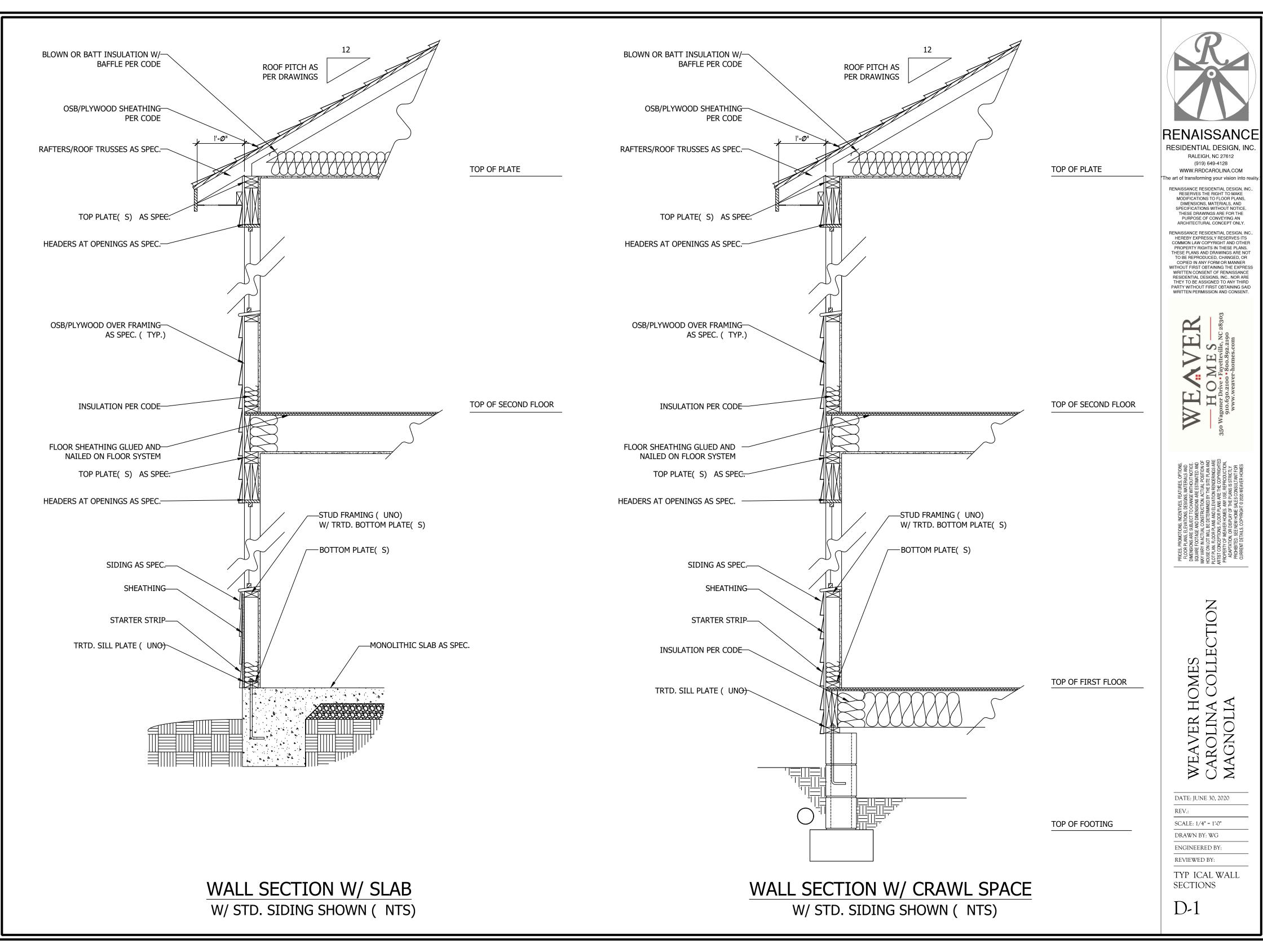
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