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

SHINGLES AS SPEC. (TYP.) -

14" SHUTTERS AS SPEC. (TYP.)

8" SQ. COLUMN ON 16" x 16" x 36"

BASE AS SPEC. (TYP.)

SIDING AS SPEC. (TYP.) -

CULTURED STONE

AS SPEC. (TYP.)

CORNER BOARD AS SPEC. (TYP.)

8'-1 1/2"" CLG. HGT.

看看

-1- 4- -1- 3- -1

# **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.

**APPROVED** Harnett 03/16/2021

-SIDING AS SPEC. (TYP.)

- 1 x 4 FRIEZE BOARD AS SPEC. (TYP. FRONT ELEVATION ONLY)

-SHINGLES AS SPEC. (TYP.)

- EXTERIOR LIGHT AS SPEC. (TYP.)

 $-1 \times 4$  TRIM AS SPEC. (TYP.)

GARAGE DOOR AS SPEC. WITH

OPTIONAL HARDWARE

CULTURED STONE AS SPEC. (TYP.)

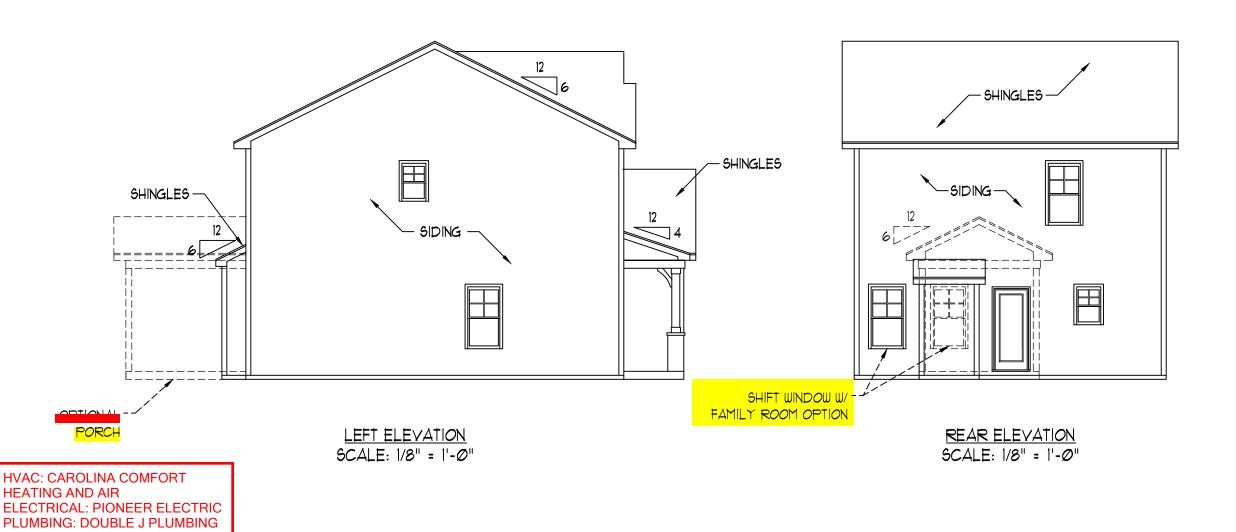
12" O.H. (TYP.)

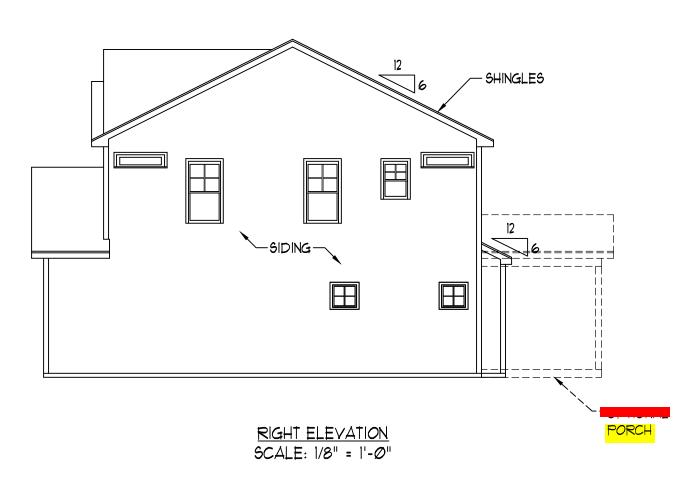
STEPS PER GRADE AS REQ.

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

----5'-9 1/2"----

RIDGE VENT (TYP.)





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

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RENAISSANCE RESIDENTIAL DESIGN, INC.



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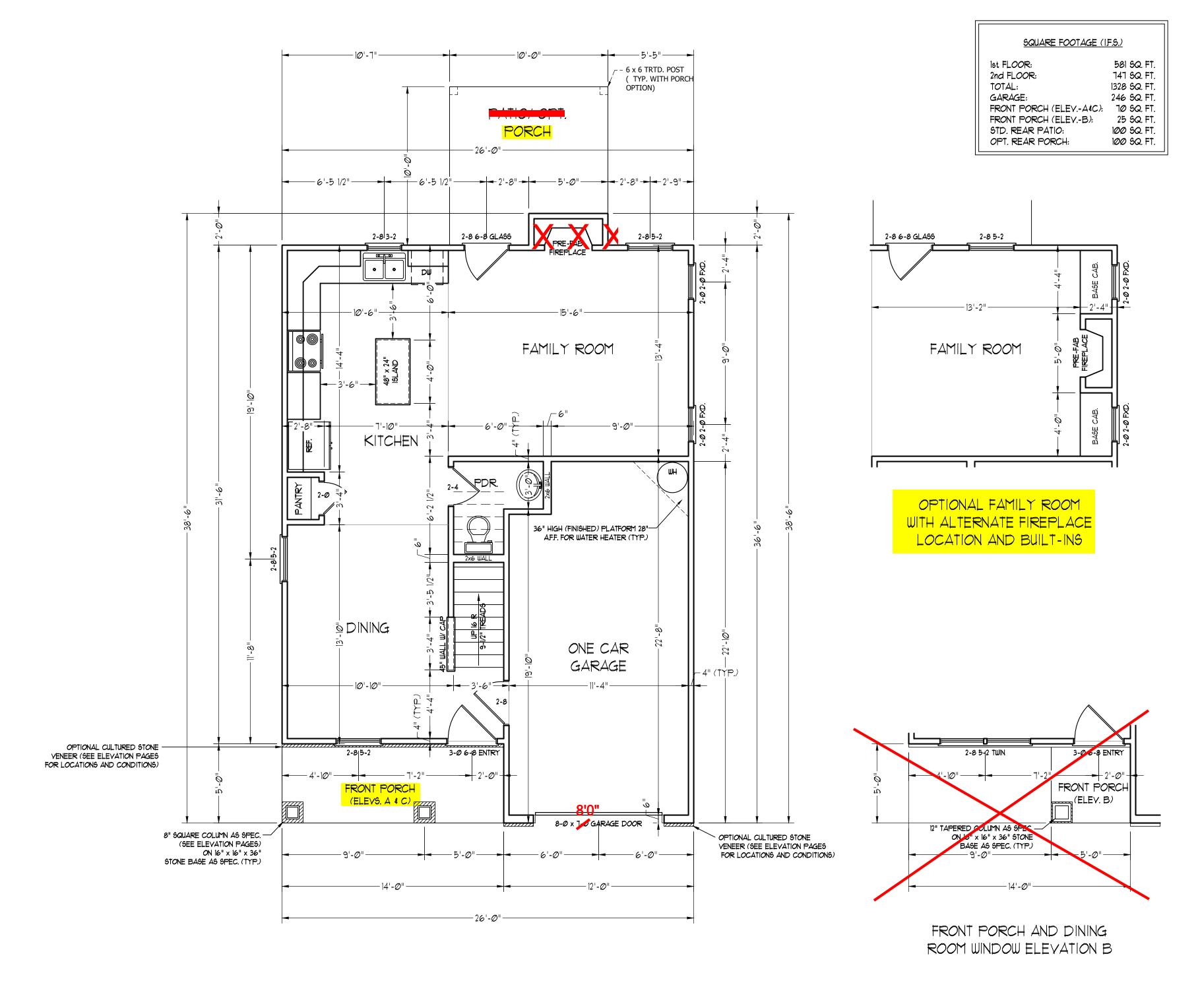
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DRAWN BY: WG

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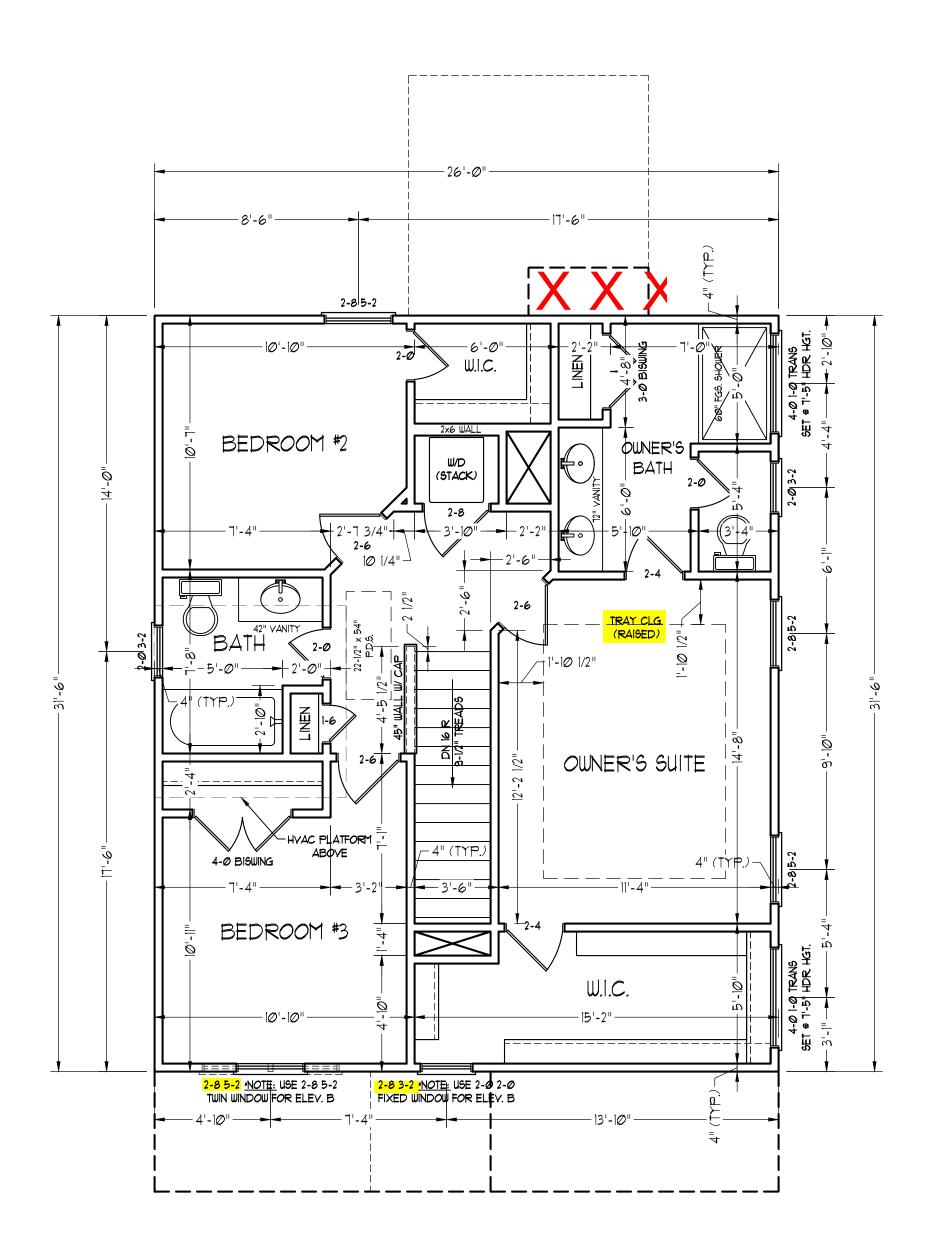
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REVIEWED BY:

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## **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

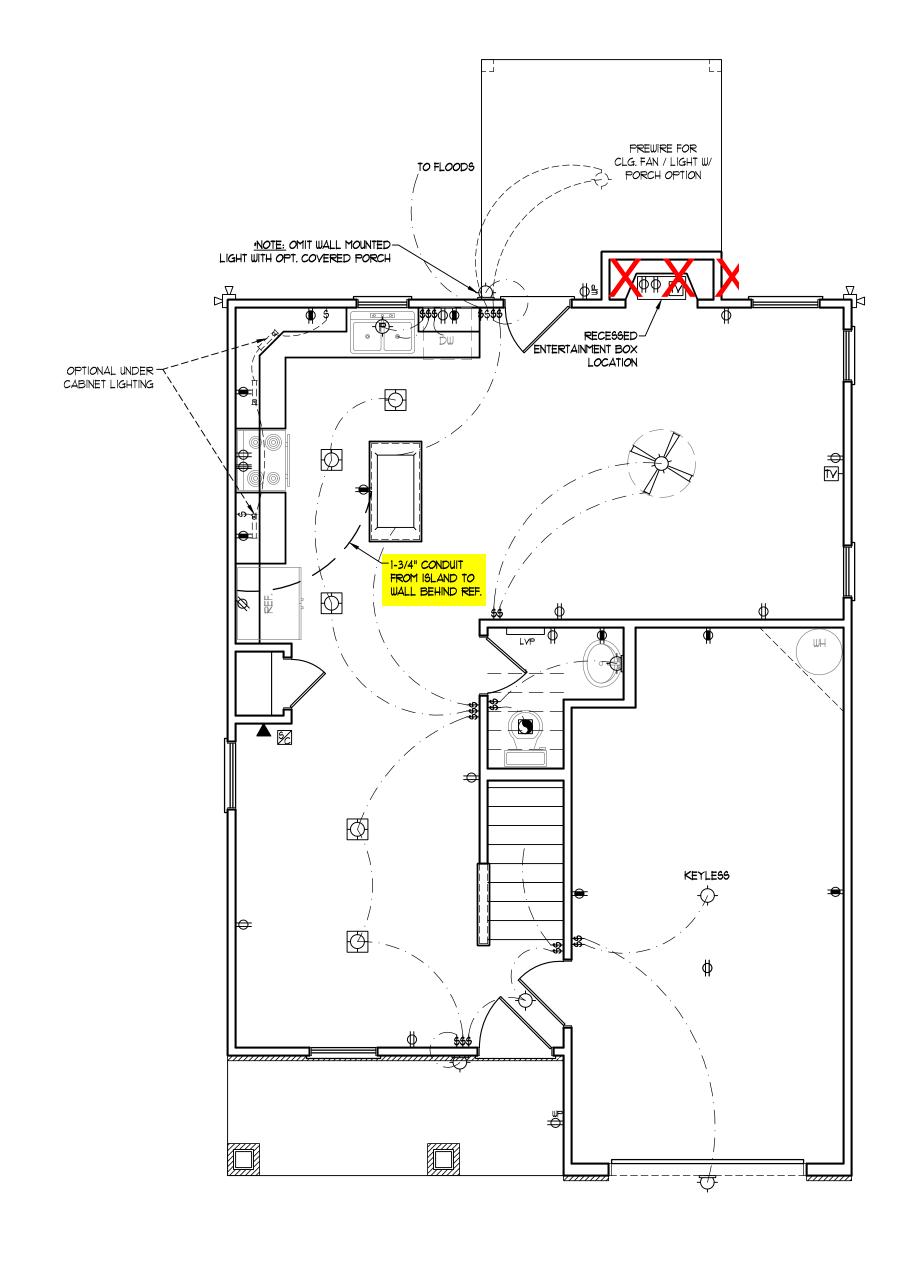
EXHAUST FAN

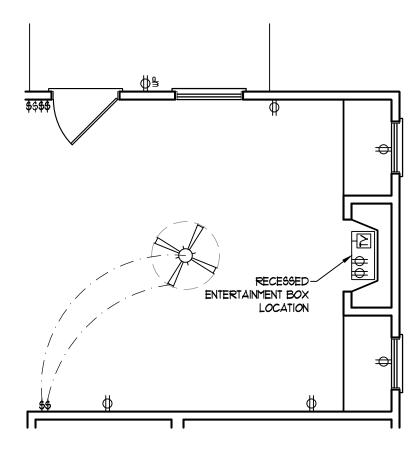
LOW VOLTAGE PANEL



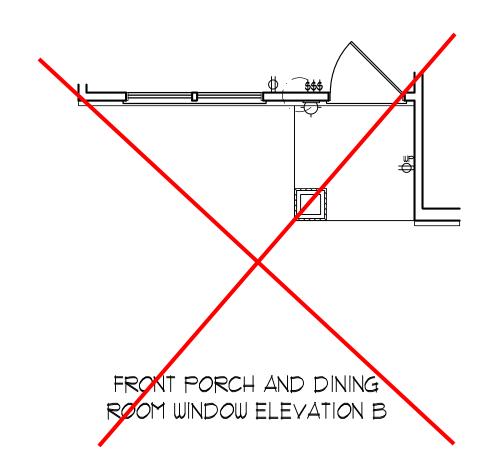




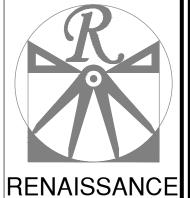




OPTIONAL FAMILY ROOM WITH ALTERNATE FIREPLACE LOCATION AND BUILT-INS



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REVIEWED BY:

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## **ELECTRICAL LAYOUT NOTES:**

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## ELECTRICAL LEGEND

- →
   IIØ ∨ 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

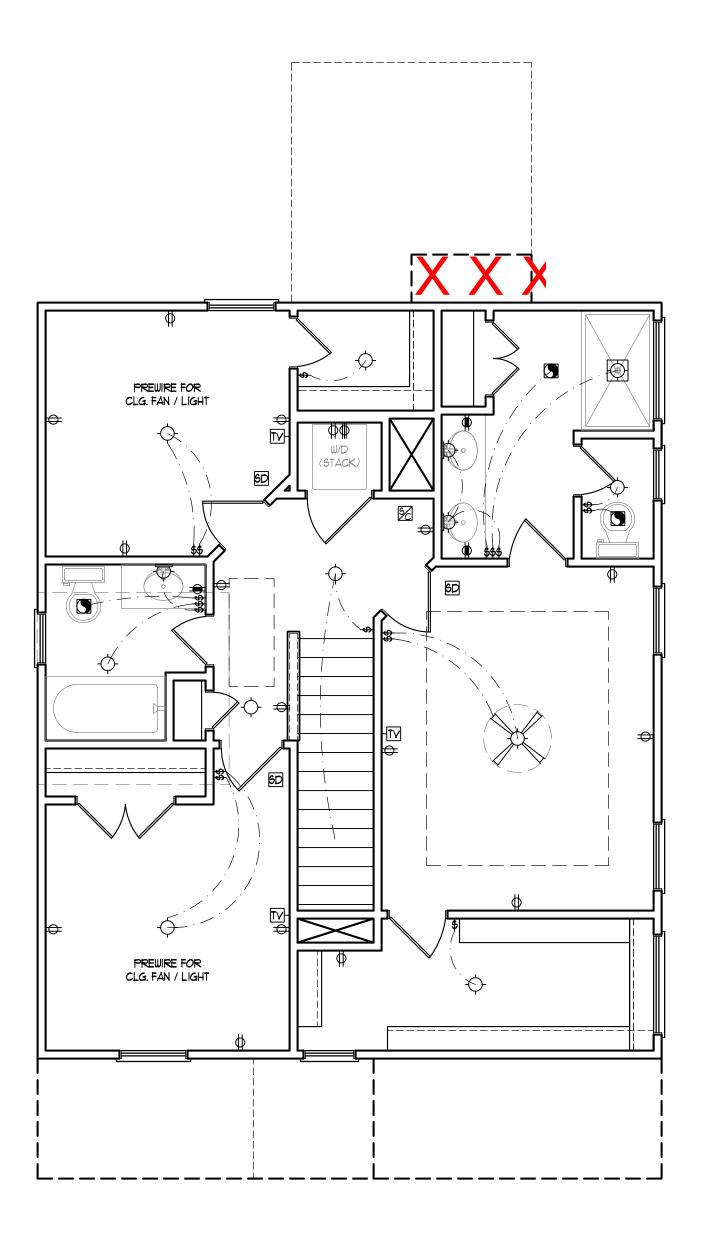
SD 110 Y SMOKE DETECTOR

EXHAUST FAN

LOW VOLTAGE PANEL









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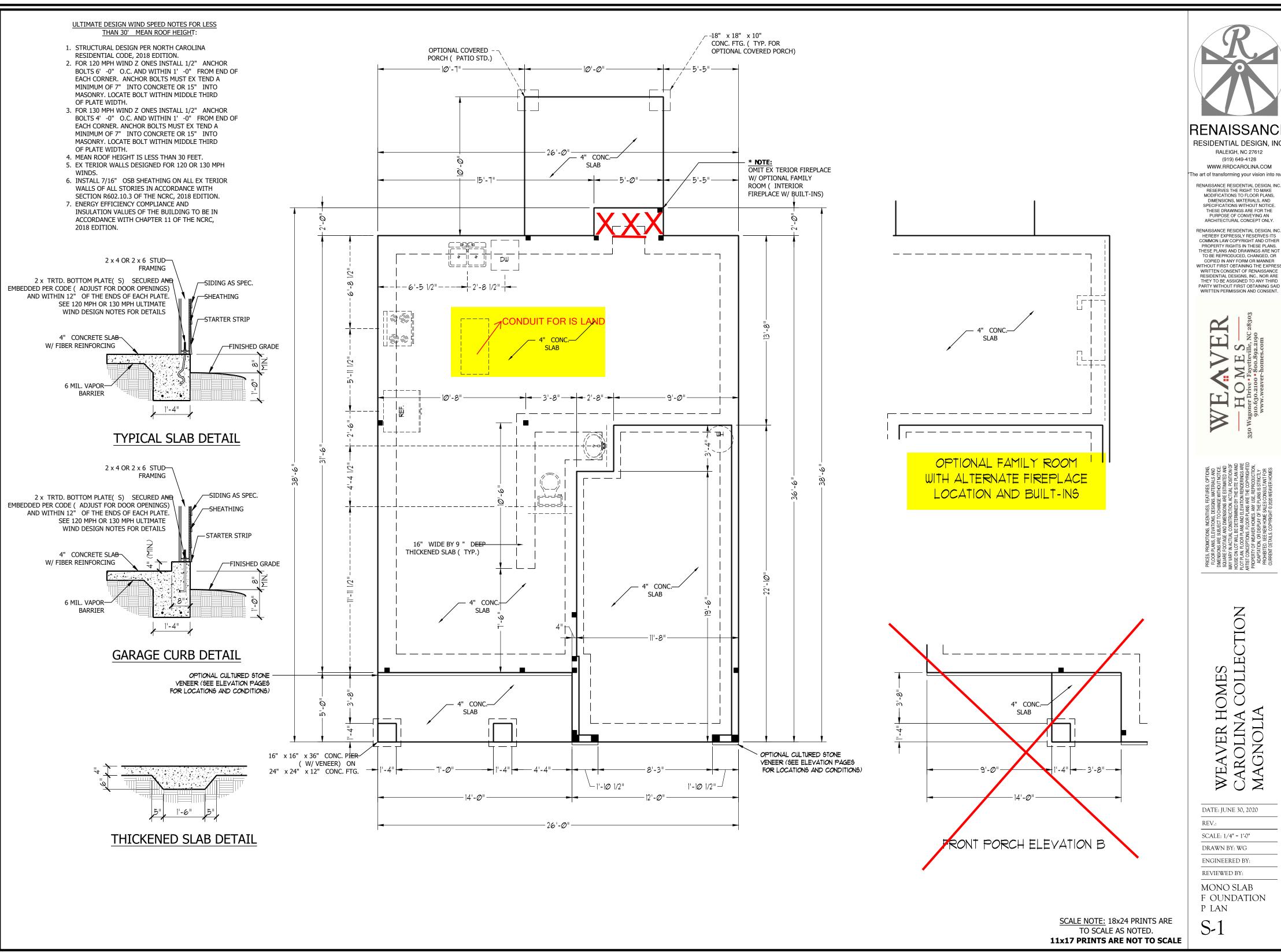
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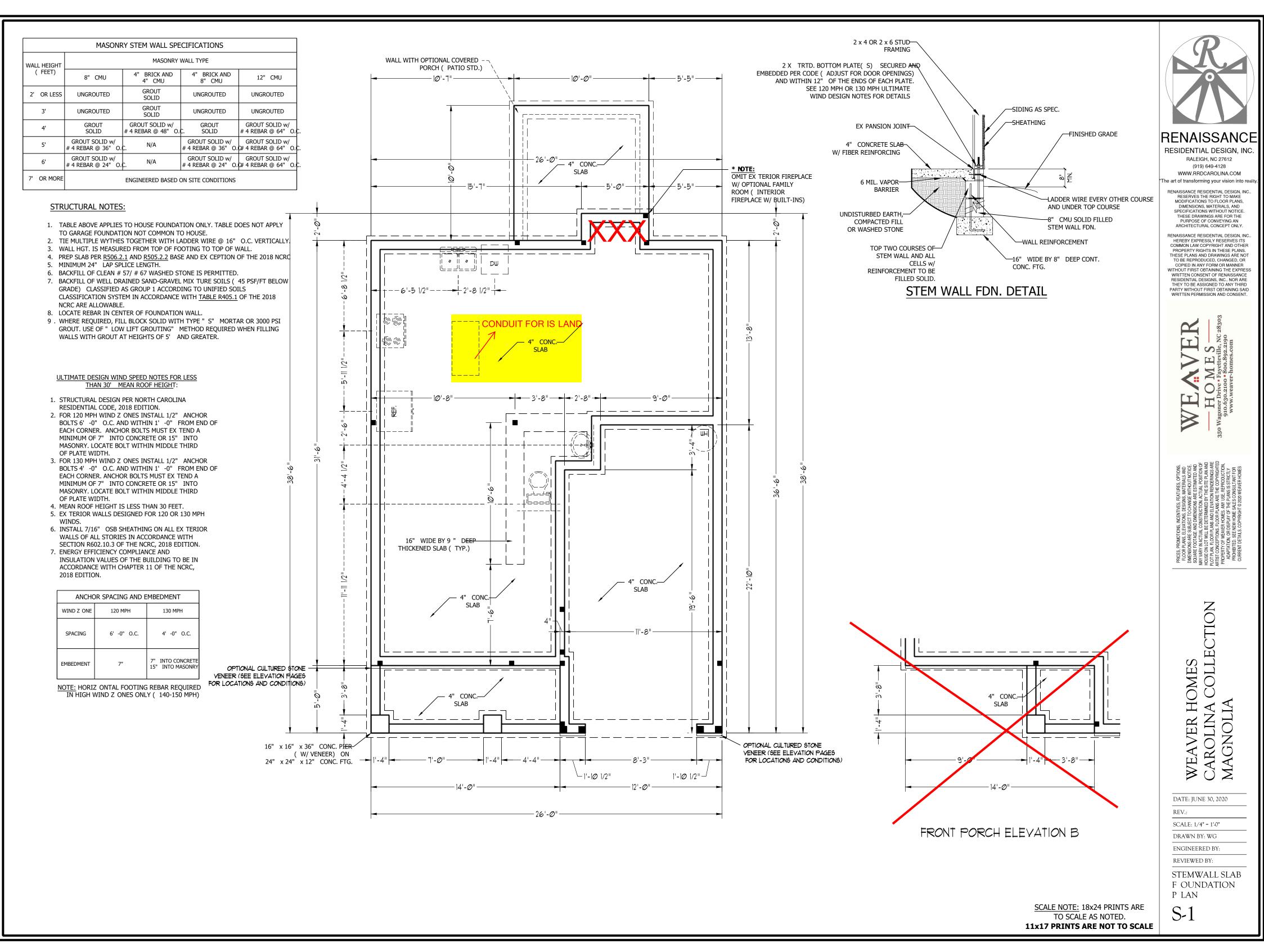
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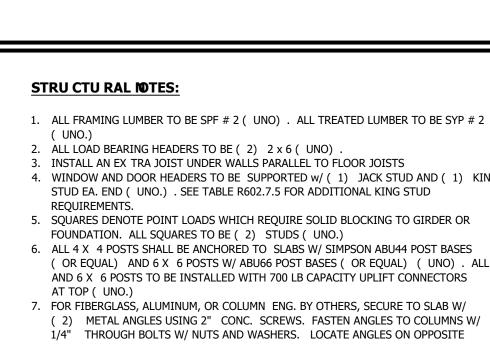
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- 2. ALL LOAD BEARING HEADERS TO BE (2) 2 x 6 (UNO) 3. INSTALL AN EX TRA JOIST UNDER WALLS PARALLEL TO FLOOR JOISTS
- 4. WINDOW AND DOOR HEADERS TO BE SUPPORTED w/ (1) JACK STUD AND (1) KING STUD EA. END ( UNO.) . SEE TABLE R602.7.5 FOR ADDITIONAL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

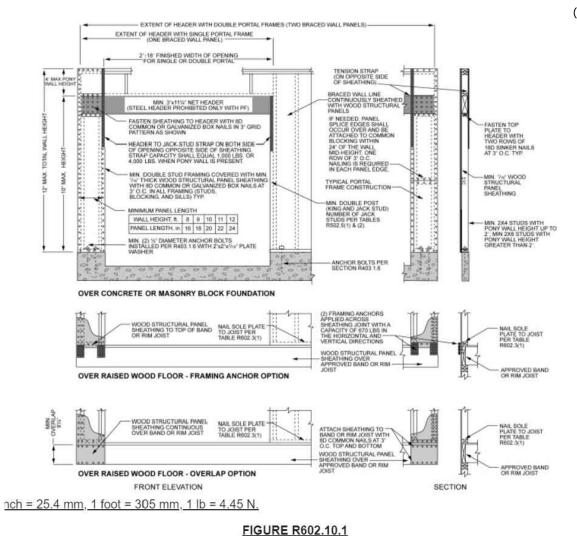
EX TERIOR WALLS: ALL EX TERIOR WALLS TO BE SHEALTHED WITH CS-WSP OR CS-SFB IN ACCORDANCE WITH SECTION R602.10.3 UNLESS NOTED OTHERWISE.

**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.

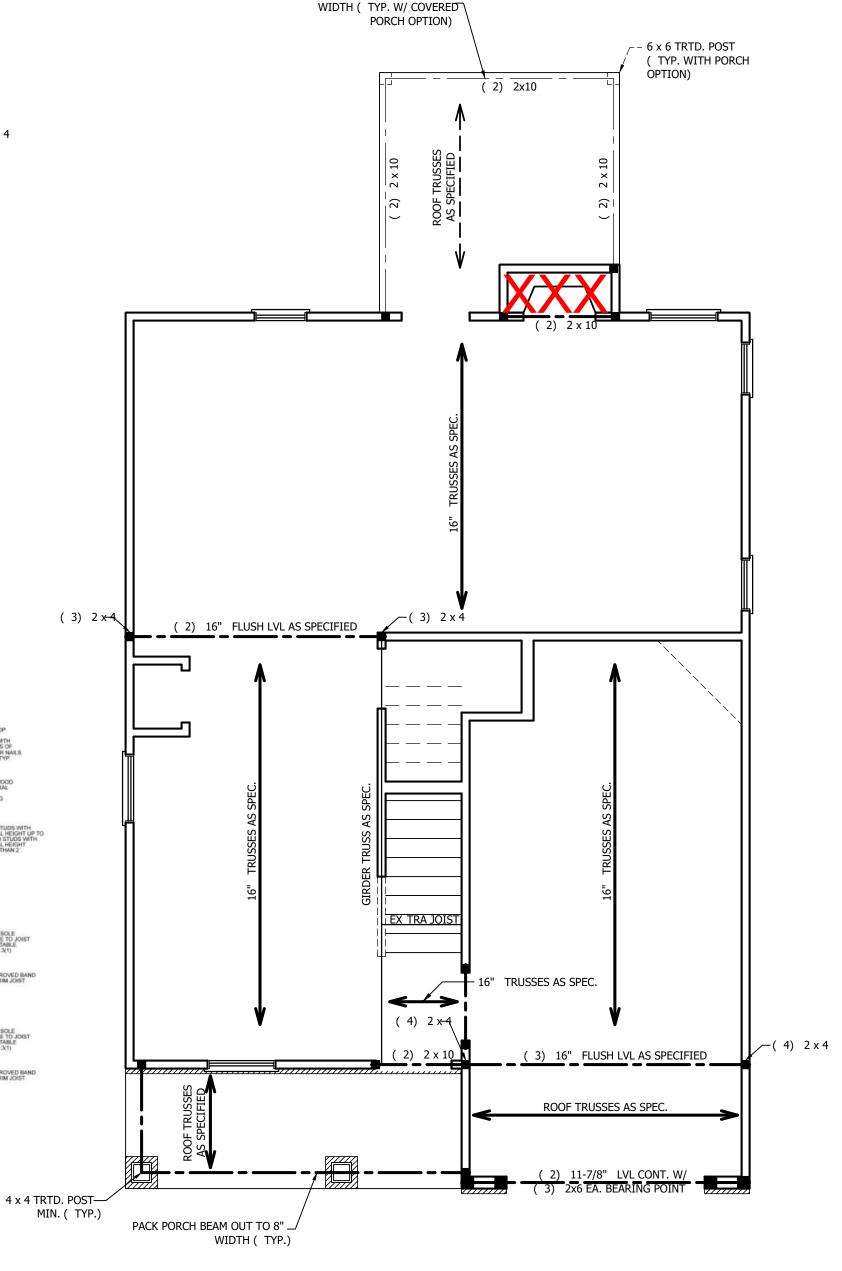
G Y PSU MALL INTERIOR SIDES OF EX TERIOR WALLS AND BOTH SIDES OF INTERIOR WALLS TO HAVE 1/2" GYPSUM INSTALLED, WHEN NOT USING METHOD GB GYPSUM TO BE FASTENED PER TABLE R702.3.5. METHOD GB TO BE FASTENED PER TABLE R602.10.1.

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

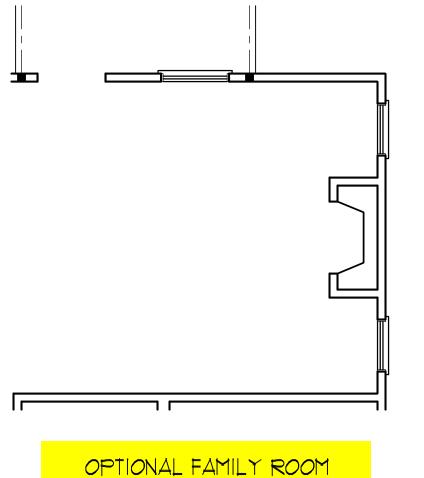
**METHODS:** PER TABLE R602.10.1



METHOD PF-PORTAL FRAME CONSTRUCTION

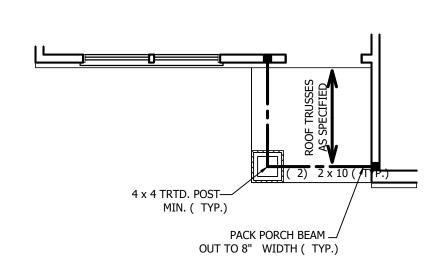


PACK PORCH BEAM OUT TO 8"



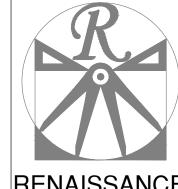
WITH ALTERNATE FIREPLACE

LOCATION AND BUILT-INS



FRONT PORCH AND DINING ROOM WINDOW ELEVATION B

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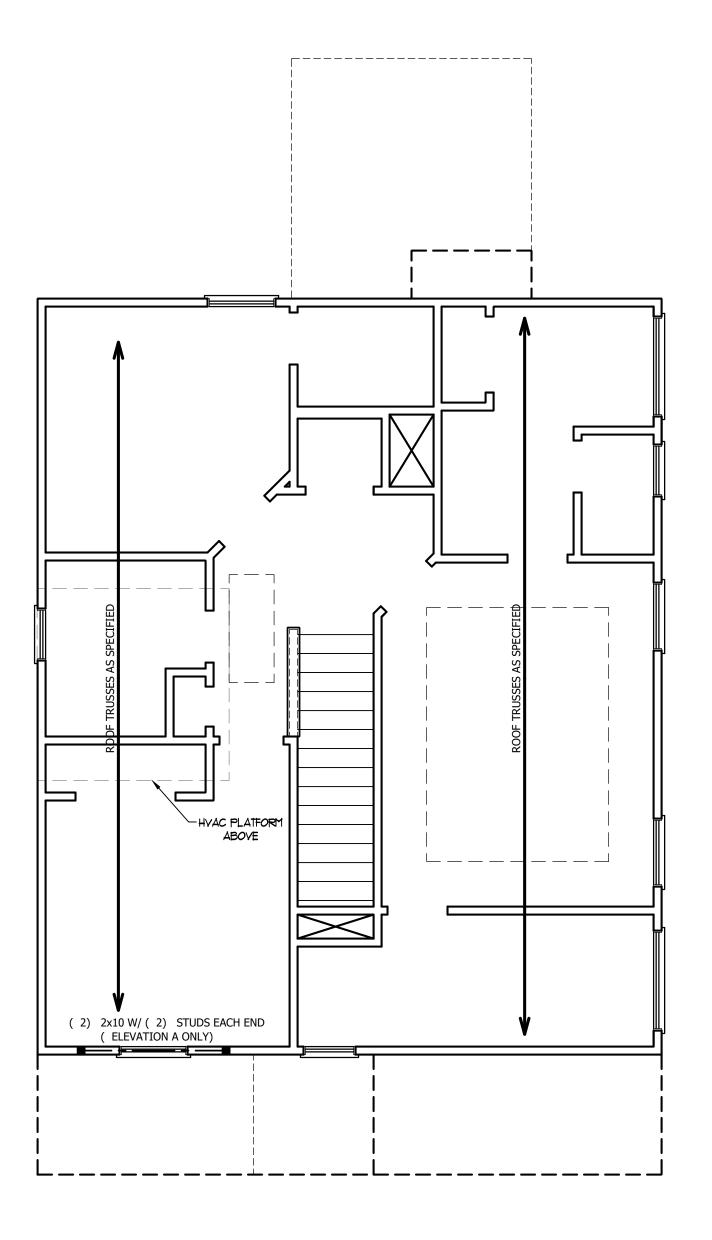


TABLE R602.7.5 MINIMUM NUMBER OF FULL HEIGHT STUDS AT EACH END OF HEADERS IN EX TERIOR WALLS

AL EXCITEND OF THE IDENS IN EXCITENT 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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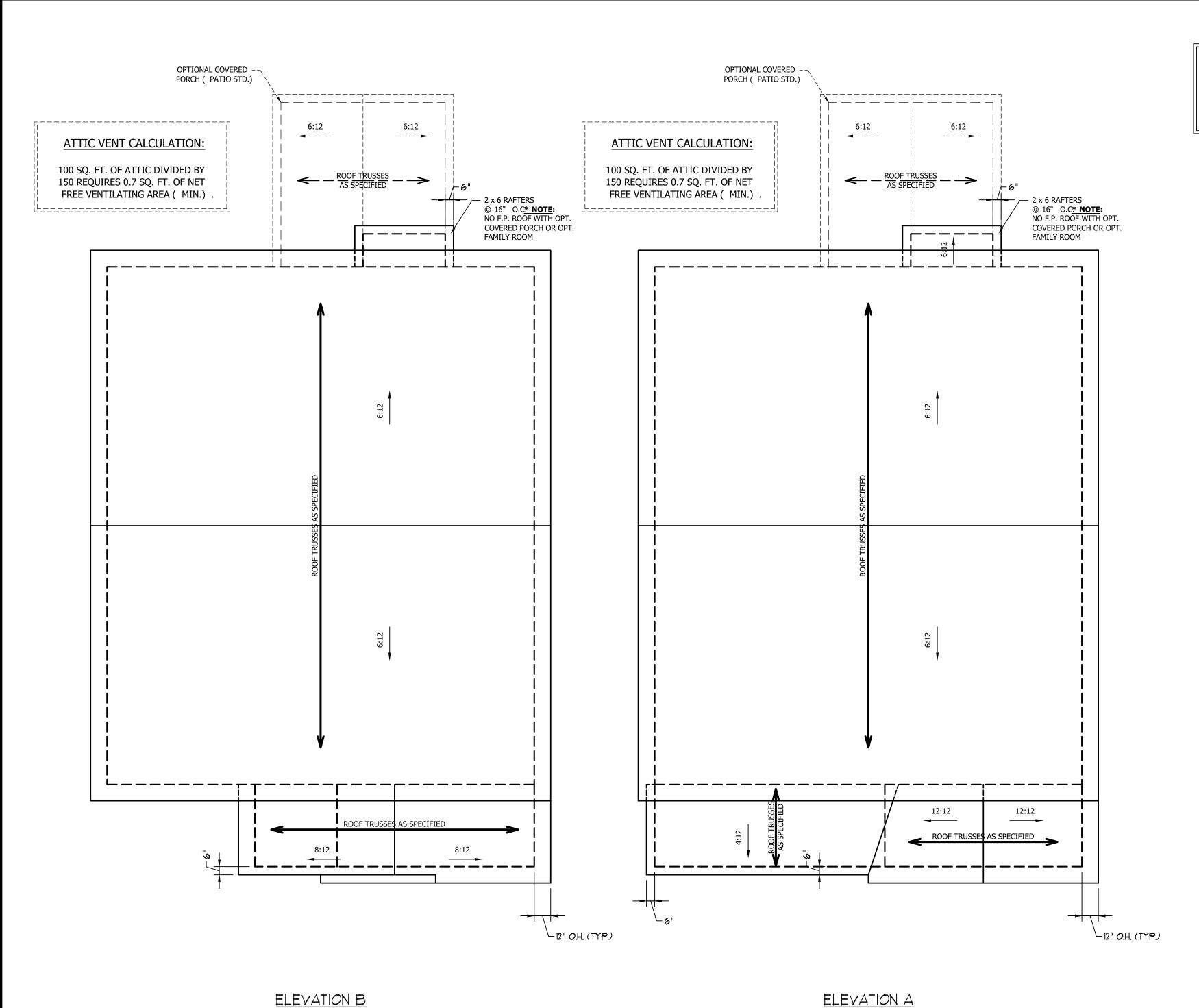
DATE: JUNE 30, 2020

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

ENGINEERED BY: REVIEWED BY:

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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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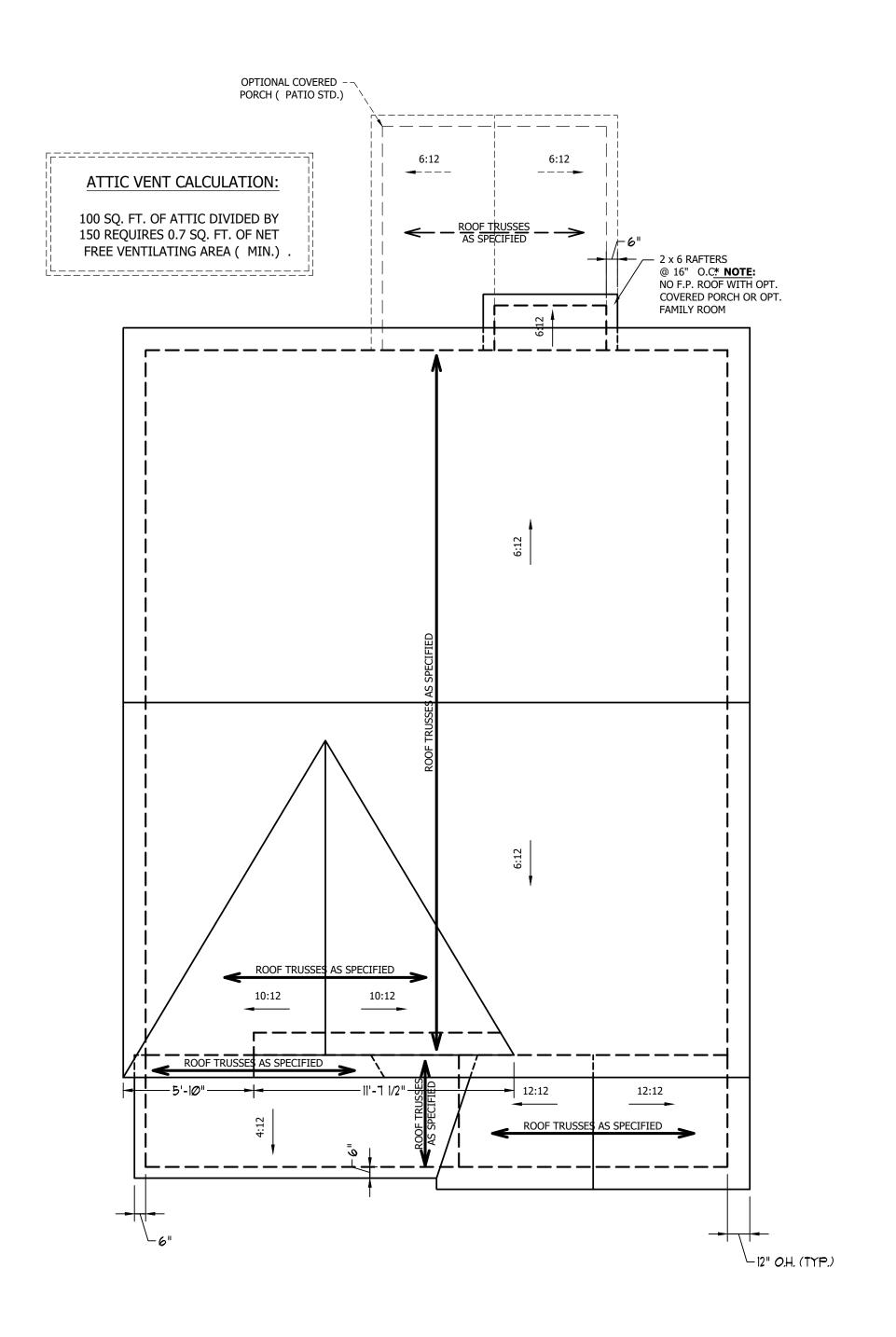
REVIEWED BY:

ROOF P LAN **ELEVATIONS** A & B

S-3

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) .
- 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/  $2\times8$  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.
- 5. REFER TO SECTION R802.11 OF THE 2018 NCRC FOR REQUIRED UPLIFT RESISTANCE AT RAFTERS AND TRUSSES.



## RENAISSANCE

RESIDENTIAL DESIGN, INC.
RALEIGH, NC 27612
(919) 649-4128

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WEAVER HOMES CAROLINA COLLECTIO MAGNOLIA

DATE: JUNE 30, 2020

REV.:

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

DRAWN BY: WG

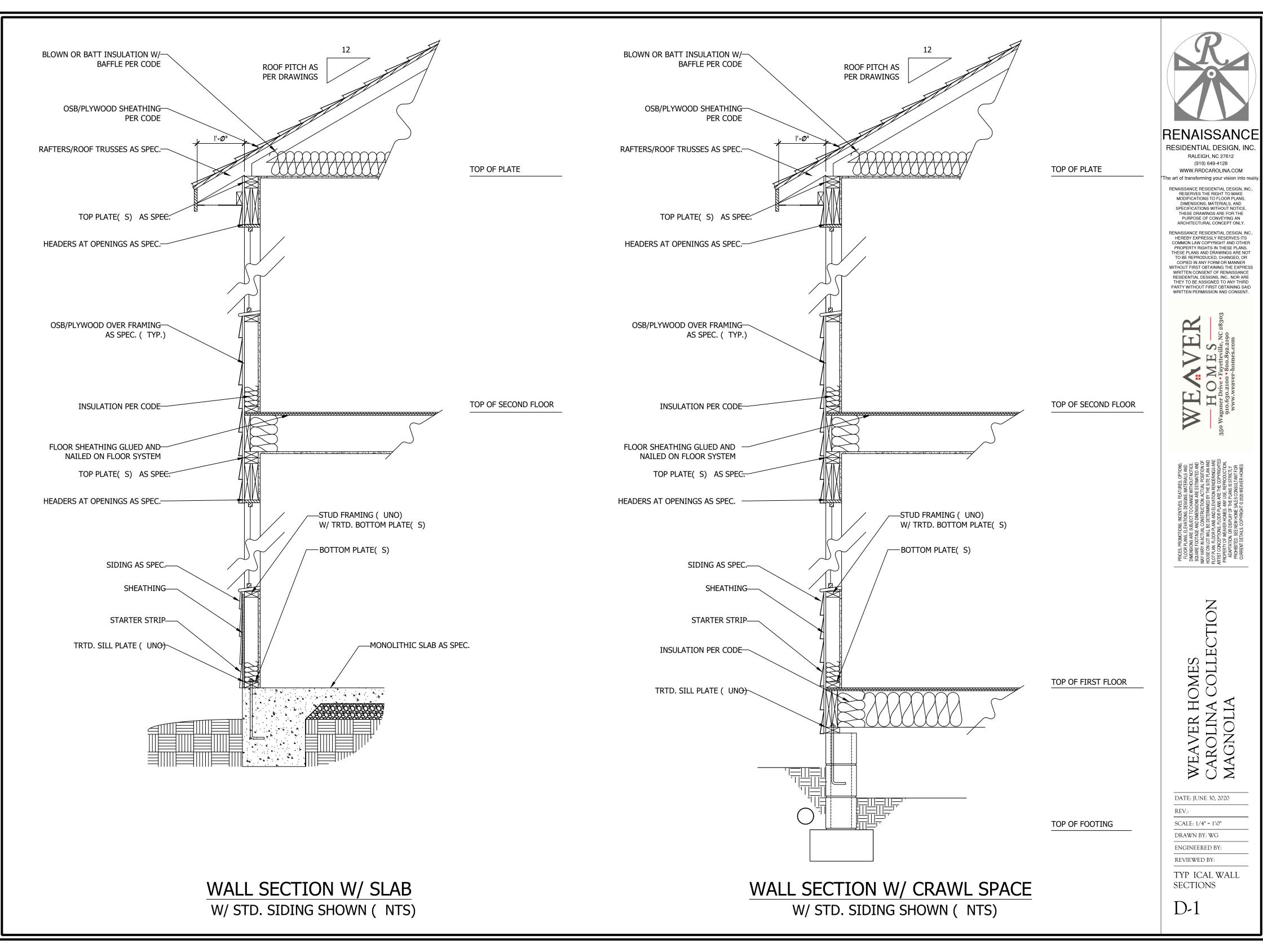
ENGINEERED BY:

REVIEWED BY:

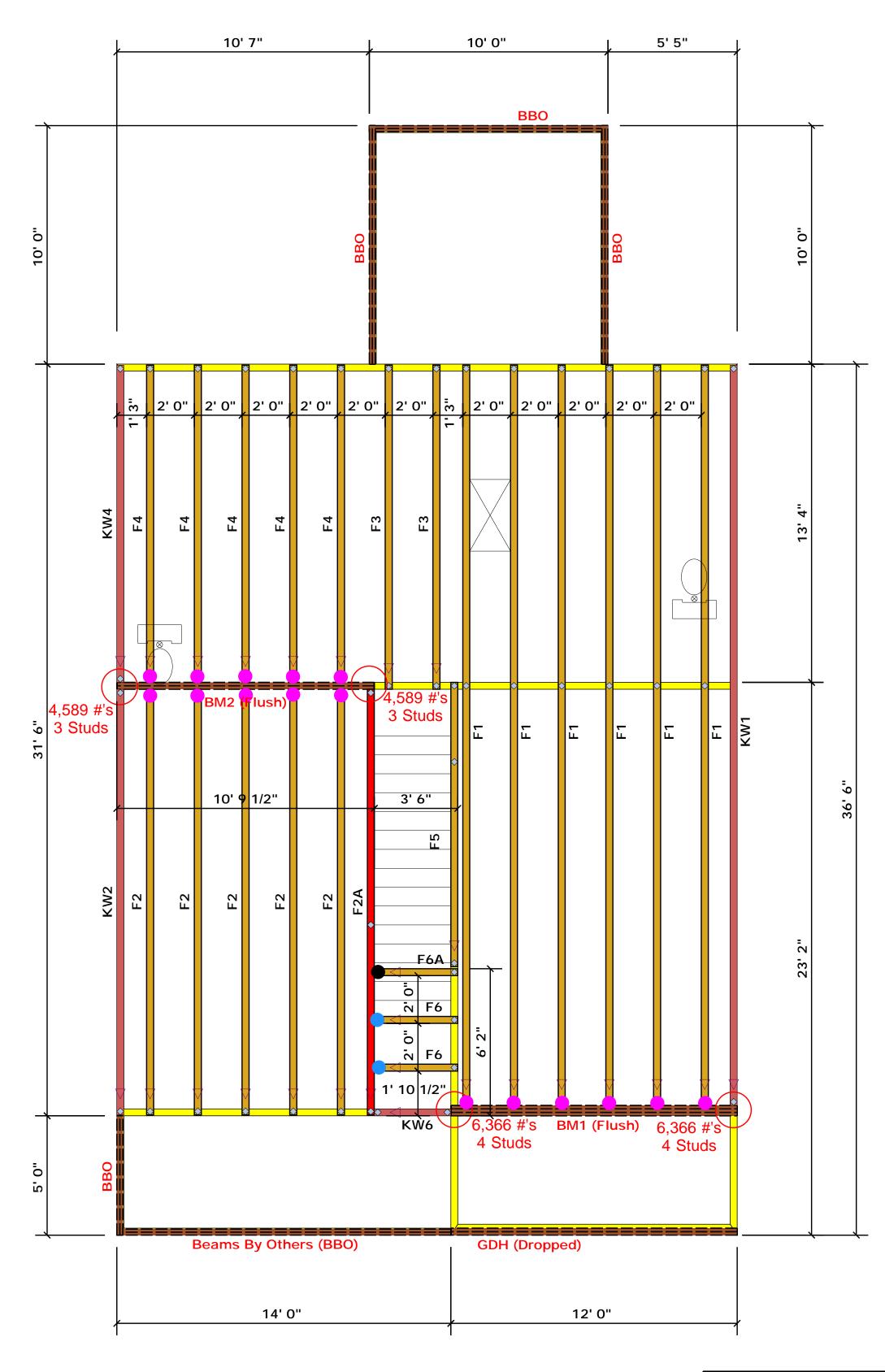
ROOF P LAN ELEVATION - C

S-4

C:\Users\Wade\Documents\Projects\Westan-Weaver\Magnolia\Magnolia\_6-30-20.dwg, 7/22/2020 6:45:42 AM



C:\Users\Wade\Documents\Projects\Westan-Weaver\Magnolia\_6-30-20.dwg, 7/22/2020 6:45:42 AM



= HUS410 (Qty. 16) = MSH422 (Qty. 2) ●= MSH422IF (Qty. 1)

# **Truss Placement Plan SCALE: NTS**

▲ = Denotes Left End of Truss (Reference Engineered Truss Drawing)

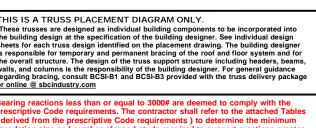
Products					
PlotID	Length	Product	Plies	Net Qty	
GDH (Dropped)	12' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	
BM1 (Flush)	12' 0"	1-3/4"x 16" LVL Kerto-S	3	3	
BM2 (Flush)	11' 0"	1-3/4"x 16" LVL Kerto-S	2	2	

than 3,000 lbs. Unless Noted Otherwise. -- Denotes Reaction Greater than 3,000 lbs.

All Truss Reactions are Less

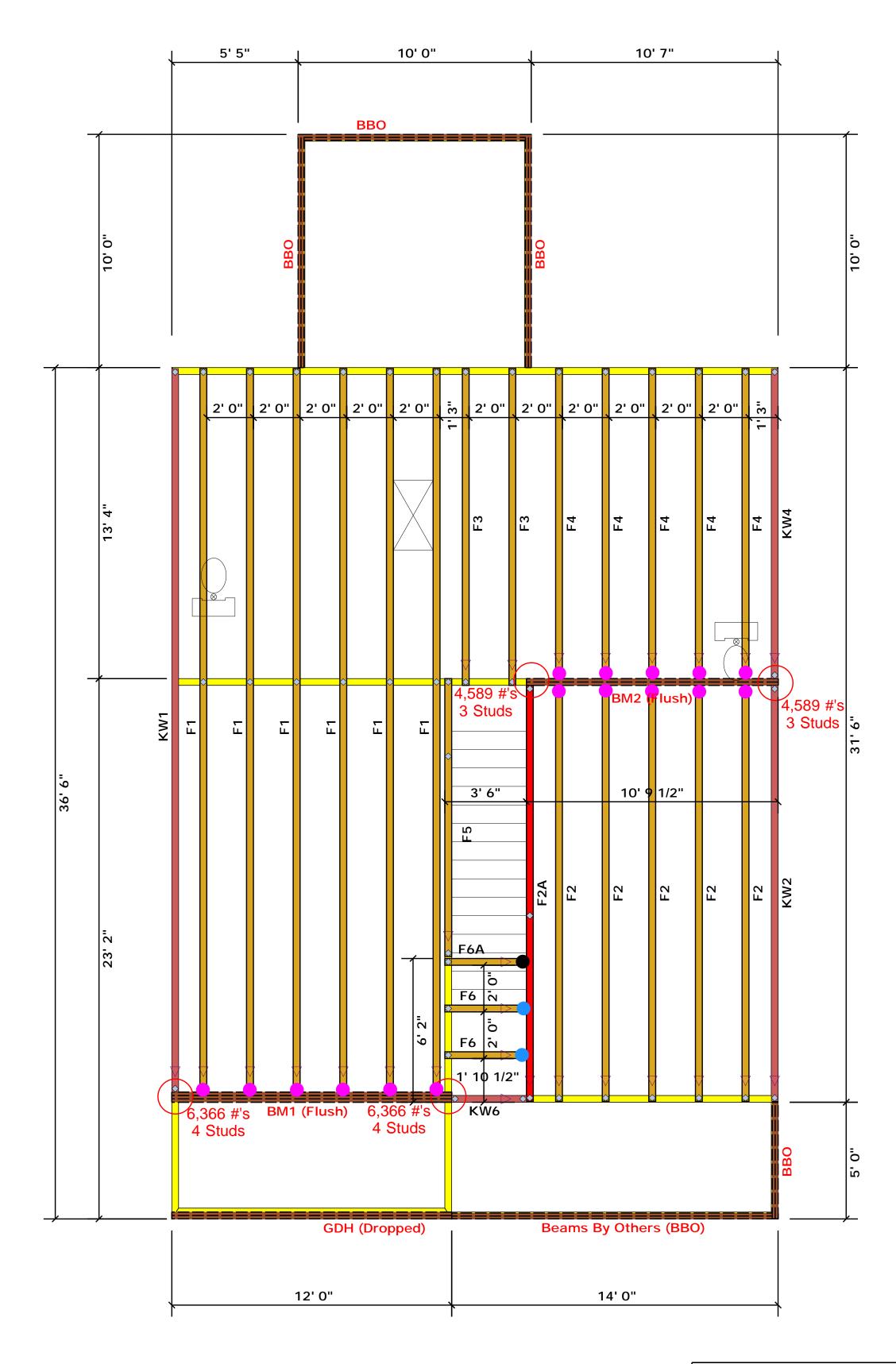
Reaction / # of Studs

LOAD CHART FOR JACK STUDS  MASS ON HARD \$5025() 1-0-0  MARKS OF JACK STUDS \$100 MICH \$6 (4 CAD OF	BUILDER	Weaver Development	CITY / CO.	Harnett Co. / Harnett	THIS IS A TR These trusses a the building des sheets for each	
	PEAGERVETROER  - 5 4 - 5 4	JOB NAME	Lot 2 Clark Pointe	ADDRESS	Lot 2 Clark Pointe	is responsible for the overall struct walls, and colunt regarding bracing
POP SECTION (C)	BAD PENDING (UP TO) DEQ 1 STUDS FOR OHAN - FARTE (OF TO) DECID 5 FOR PENDING FOR	PLAN	Magnolia Elev. C	MODEL	Floor	or online @ sbc  Bearing reaction prescriptive Co
1700 1 3400 2 5100 3	2550 1 3400 1 5100 2 6600 2 7650 3 10200 3	SEAL DATE	Seal Date	DATE REV.	/ /	( derived from foundation size than 3000# but be retained to
6800 4 8500 5 10200 6	10200 4 13600 4 12750 5 17000 5 15300 6	QUOTE #	Quote #	DRAWN BY	Christine Shivy	specified in the retained to des
11900 7 13600 8 15300 9		JOB #	J0121-0468	SALES REP.	Lenny Norris	Signature_



Fayetteville, N.C. 28309 Christine Shivy Phone: (910) 864-8787 Fax: (910) 864-4444 **Christine Shivy** 





= HUS410 (Qty. 16)= MSH422 (Qty. 2)= MSH422IF (Qty. 1)

LOAD CHART FOR JACK STUDS (04556 ON 14055 85025()) 4 (6))

> 2550 1 5100 2

7650 3

10200 4 12750 5 15300 6 13600 4 17000 5

JOB#

Truss Placement Plan SCALE: NTS

▲= Denotes Left End of Truss (Reference Engineered Truss Drawing)

Products						
PlotID	Length	Product	Plies	Net Qty		
GDH (Dropped)	12' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2		
BM1 (Flush)	12' 0"	1-3/4"x 16" LVL Kerto-S	3	3		
BM2 (Flush)	11' 0"	1-3/4"x 16" LVL Kerto-S	2	2		

J0121-0468

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.

-- Denotes Reaction Greater than 3,000 lbs.

Reaction / # of Studs

**Christine Shivy** 

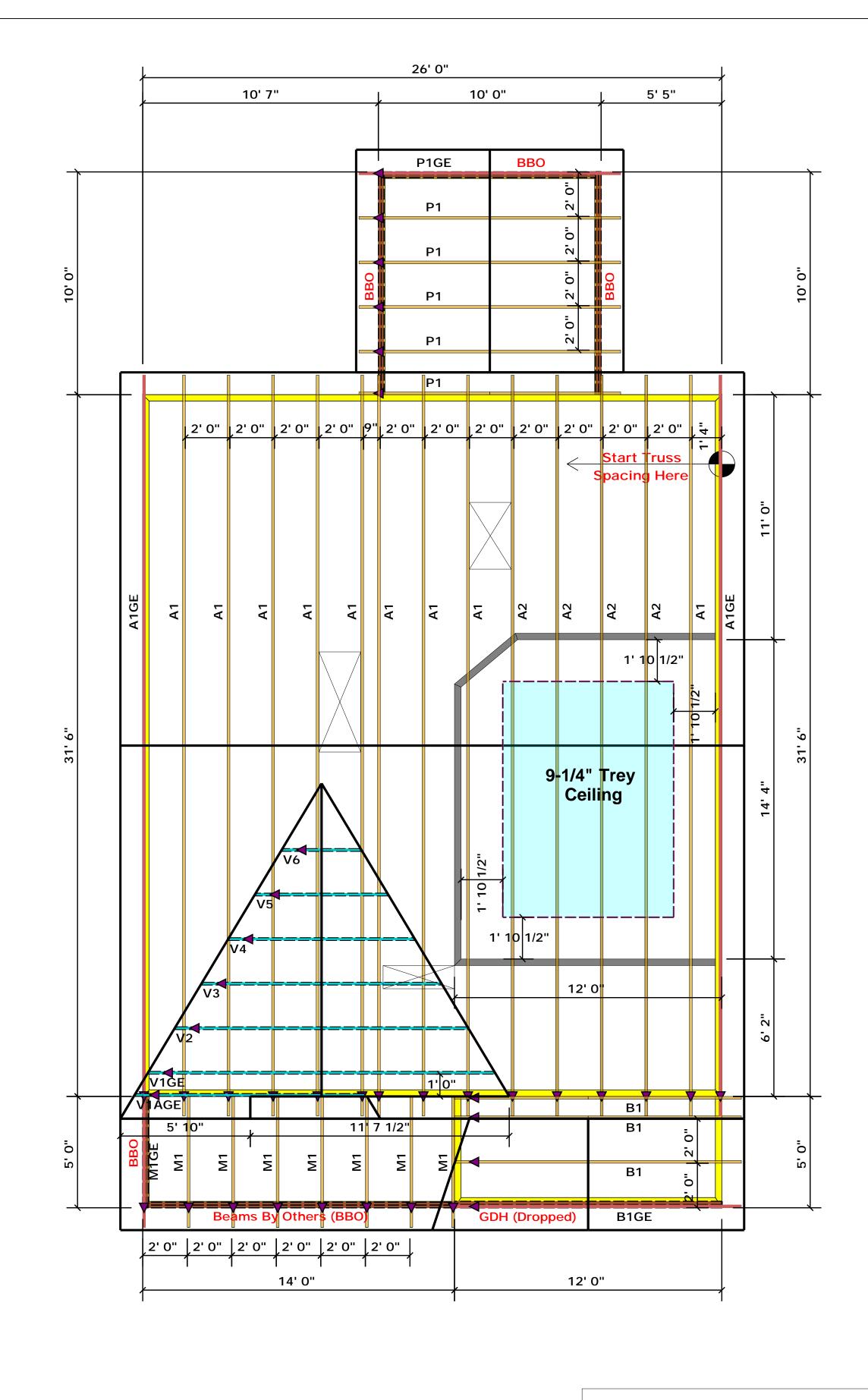
5	BUILDER	Weaver Development	CITY / CO.	Harnett Co. / Harnett	THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual building components to be in the building design at the specification of the building designer. See in sheets for each truss design identified on the placement drawing. The bis responsible for temporary and permanent bracing of the roof and floot the overall structure. The design of the truss support structure includin walls, and columns is the responsibility of the building designer. For gregarding bracing, consult BCSI-B1 and BCSI-B3 provided with the trus or online @ sbcindustry.com  Bearing reactions less than or equal to 3000# are deemed to con prescriptive Code requirements. The contractor shall refer to the	
SASES SASES	JOB NAME	Lot 2 Clark Pointe	ADDRESS	Lot 2 Clark Pointe		
HAN())	PLAN	Magnolia Elev. C	MODEL	Floor		
	SEAL DATE	Seal Date	DATE REV.	/ /	( derived from the prescriptive Code requirements ) to determine to foundation size and number of wood studs required to support rethan 3000# but not greater than 15000#. A registered design profe be retained to design the support system for any reaction that except the system	
	QUOTE #	Quote #	DRAWN BY	Christine Shivy	specified in the attached Tables. A registered design professional retained to design the support system for all reactions that exceed Christine Shivy	

SALES REP.

Lenny Norris



Reilly Road Industrial Park Fayetteville, N.C. 28309 Phone: (910) 864-8787 Fax: (910) 864-4444



All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.

-- Denotes Reaction Greater than 3,000 lbs. Reaction / # of Studs

▲ = Denotes Left End of Truss (Reference Engineered Truss Drawing) **Truss Placement Plan SCALE: NTS** 

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY.

These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbcindustry.com

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соттесн

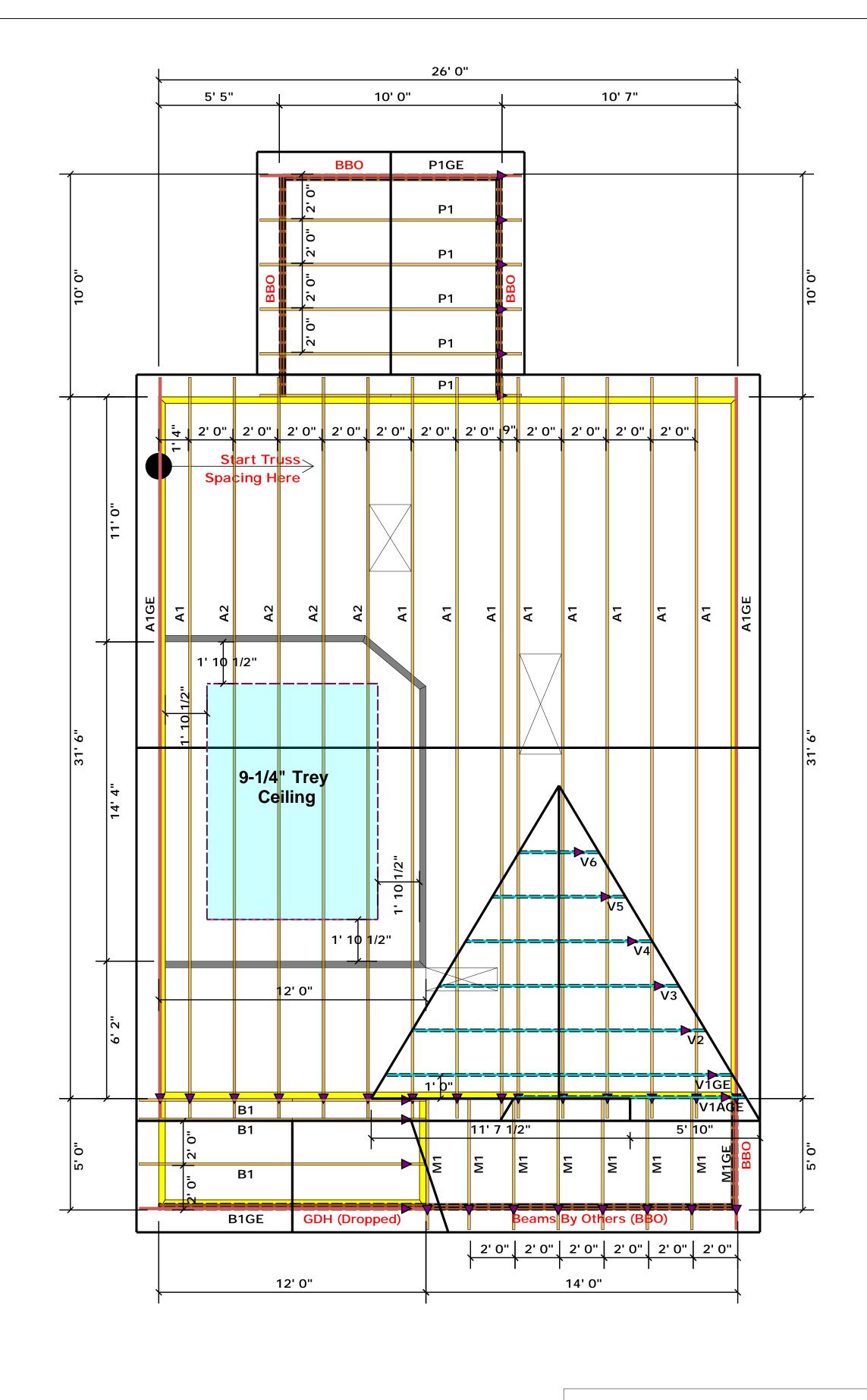
**ROOF & FLOOR** 

**TRUSSES & BEAMS** 

LOAD CHART FOR JACK STUDS CITY / CO. | Harnett Co. / Harnett BUILDER Weaver Development Lot 2 Clark Pointe Roof / / **Christine Shivy** Lenny Norris

Christine Shivy **Christine Shivy** 

		S ON 1 ABLES R502.5) FOR STUBB ACQUIRAD		DOTEDER	Weaver Bevelopment	01117 00.	•
		FEADER/STROER		JOB NAME	Lot 2 Clark Pointe	ADDRESS	L
	ž ģ€	OT 40 OT 40 OT 50 PART - VARC	୍ଲ ଅନୁତ	PLAN	Magnolia Elev. C	MODEL	F
	1700 1 3400 2 5100 3	2550 1 5100 2 7650 3	3400 ! 6600 2 10200 3	SEAL DATE	Seal Date	DATE REV.	_/
1	6800 4 8500 5 10200 6	10200 4 12750 5 15300 6	13600 4 17000 5	QUOTE #	Quote #	DRAWN BY	(
1	11900 7 13600 8			JOB#	J0121-0467	SALES REP.	L



All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.

-- Denotes Reaction Greater than 3,000 lbs. Reaction / # of Studs

▲ = Denotes Left End of Truss (Reference Engineered Truss Drawing)

LOAD CHART FOR JACK STUDS (BASEN ON LABLES R502.5(1)  $\lambda$  (b)): NUMBER OF DIAGRAPHICS REQUIREDS IN CALCAD OF PROCESSORS.

2550 1 5100 2

7650 3

10200 4 12750 5

15300 6

3400

6600 2

10200 3

13600 4

17000 5

1700 1 3400 2

5100 3

**Truss Placement Plan SCALE: NTS** 

	BUILDER	Weaver Development	CITY / CO.	Harnett Co. / Harnett	THIS IS These trus the buildin sheets for
	JOB NAME	Lot 2 Clark Pointe	ADDRESS	Lot 2 Clark Pointe	is respons the overall walls, and regarding
	PLAN	Magnolia Elev. C	MODEL	Roof	Bearing re
	SEAL DATE	Seal Date	DATE REV.	/ /	( derived to foundation than 3000 be retaine
	QUOTE #	Quote #	DRAWN BY	Christine Shivy	specified retained to
-	JOB#	J0121-0467	SALES REP.	Lenny Norris	Signat

IS A TRUSS PLACEMENT DIAGRAM ONLY.

Reilly Road Industrial Park Fayetteville, N.C. 28309 Christine Shivy Phone: (910) 864-8787 Fax: (910) 864-4444 **Christine Shivy** 

соттесн

**ROOF & FLOOR** 

**TRUSSES & BEAMS**