

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

 Ist FLOOR:
 736 SQ. FT.

 2nd FLOOR:
 1120 SQ. FT.

 TOTAL:
 1856 SQ. FT.

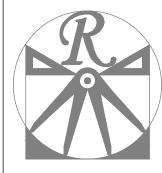
 GARAGE:
 448 SQ. FT.

 FRONT PORCH:
 84 SQ. FT.

 STD. REAR PATIO:
 100 SQ. FT.

 OPT. REAR PORCH:
 100 SQ. FT.

 OPT. THIRD CAR GARAGE:
 224 SQ. FT.



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WEAVER HOMES CAROLINA COLLECTION BRINKLEY

DATE: JUNE 22, 2021

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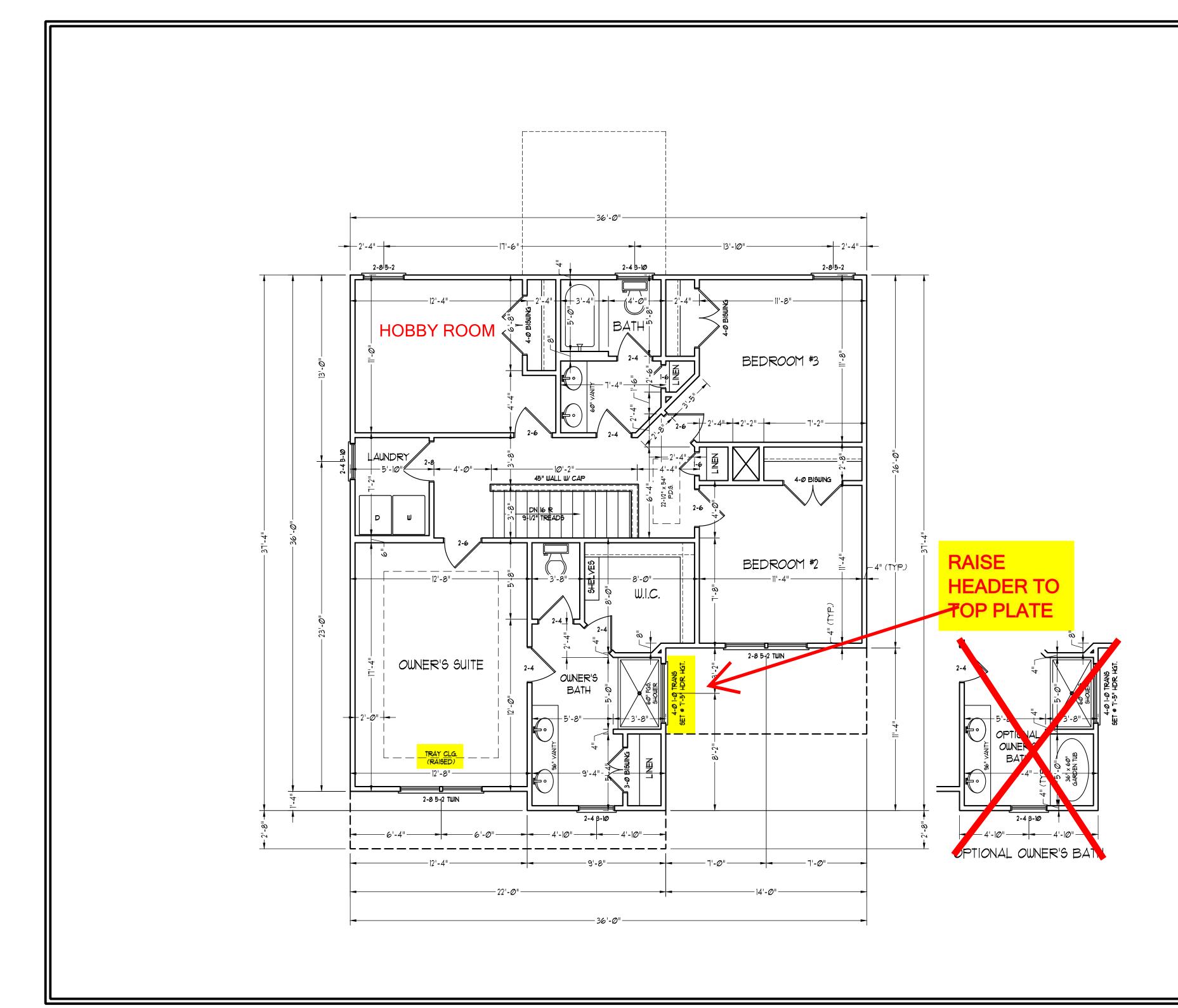
SCALE: 1/4" = 1'-0"

DRAWN BY: WG
ENGINEERED BY:

REVIEWED BY:

FIRST FLOOR PLAN

A-4





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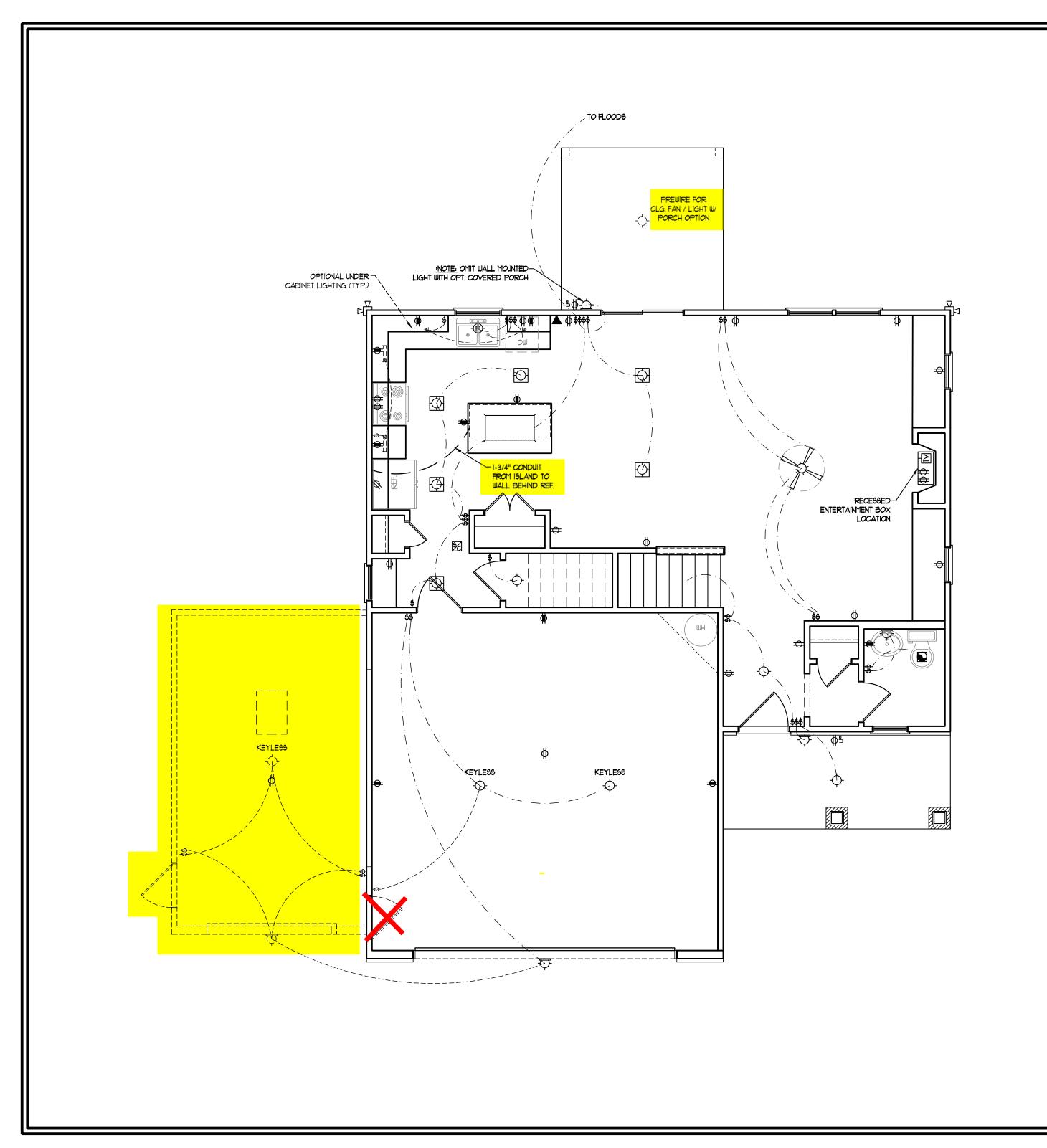
SCALE: 1/4" = 1'-0"

DRAWN BY: WG
ENGINEERED BY:

REVIEWED BY:

SECOND FLOOR PLAN

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 V OUTLET

→ 110 V GFI OUTLET

= 110 V SWITCHED OUTLET

COUNTER OR FLOOR MOUNTED

COUNTER OR FLOOR MOUNTED 110Y GFI

Ø IIØ V DEDICATED CIRCUIT

# 220 Y DEDICATED CIRCUIT

●H SPECIAL PURPOSE (240 V, ETC.)

-P- PENDANT LIGHT

RECESSED CAN LIGHT

MINI CAN LIGHT

EYEBALL LIGHT

undercabinet light

\$D DIMMER SWITCH

▲ TELEPHONE

TELEPHONE AND DATA

TY- TY CONNECTION

TV/ DATA

CD- CONDUIT FOR COMPONENT WIRING

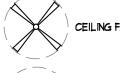
SPEAKER

110 V SMOKE/ CM DETECTOR

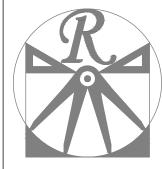
110 V SMOKE DETECTOR

EXHAUST FAN

LOW VOLTAGE PANEL







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

REVIEWED BY:

DRAWN BY: WG ENGINEERED BY:

FIRST FLOOR ELECTRICAL PLAN

E-1

BB - IIØ V BASEBOARD OUTLET

4-PLEX

₩EATHERPROOF

**⇒** 220 ∨ OUTLET

- WALL MOUNT LIGHT

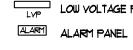
-CEILING MOUNT LIGHT

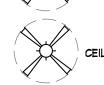
FLUORESCENT LIGHT

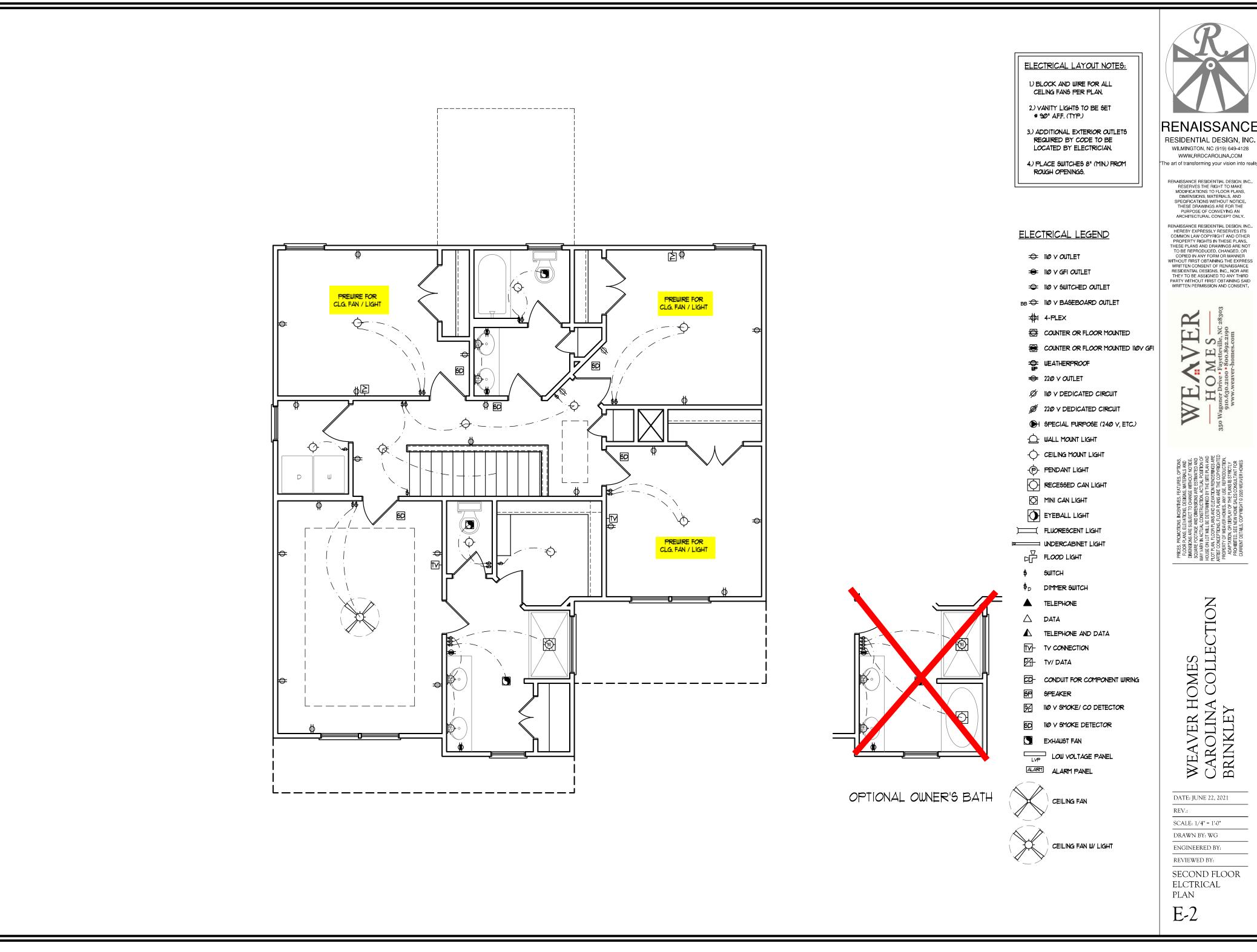
FLOOD LIGHT

SWITCH

△ DATA







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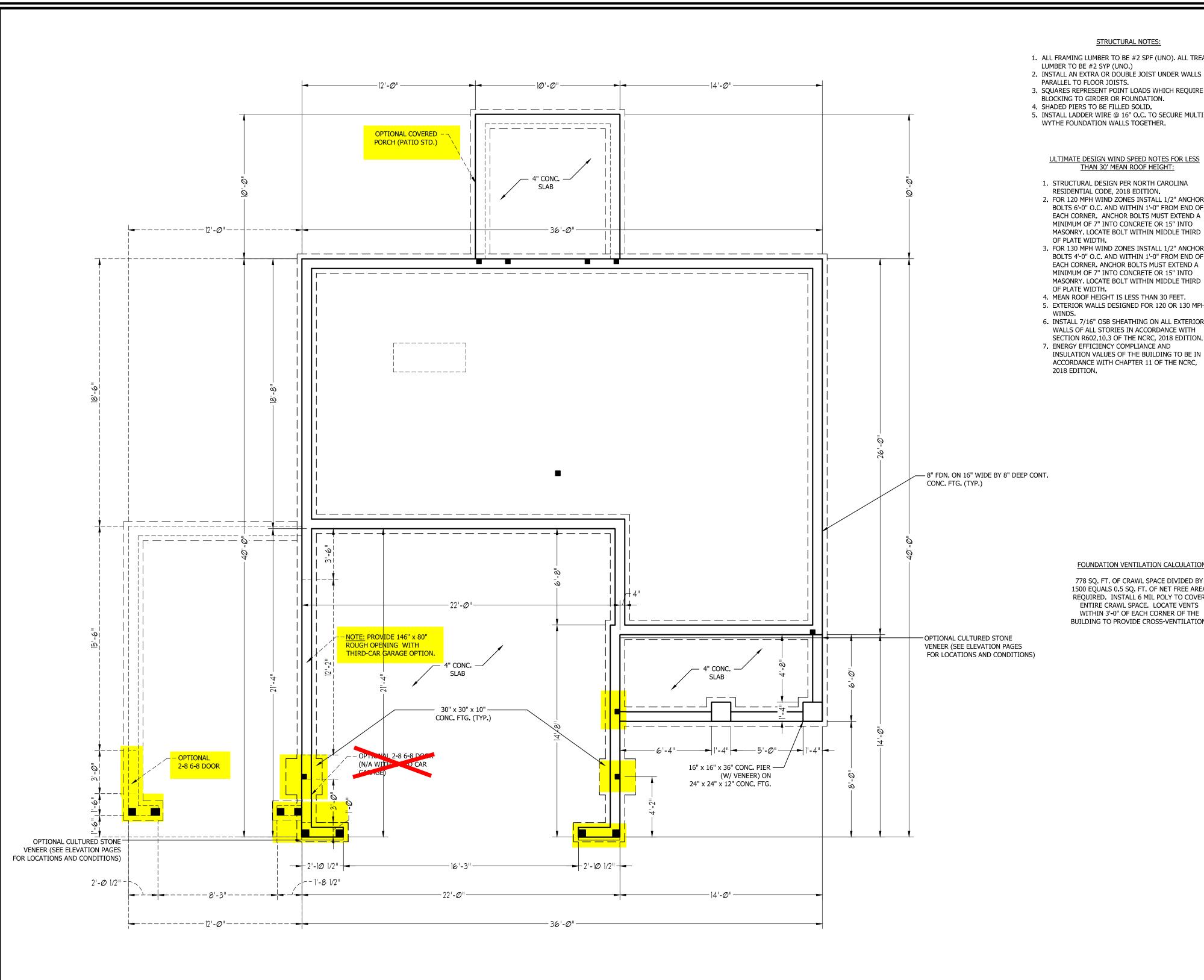
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SECOND FLOOR



#### STRUCTURAL NOTES:

- 1. ALL FRAMING LUMBER TO BE #2 SPF (UNO). ALL TREATED
- 2. INSTALL AN EXTRA OR DOUBLE JOIST UNDER WALLS
- 3. SQUARES REPRESENT POINT LOADS WHICH REQUIRE SOLID
- 4. SHADED PIERS TO BE FILLED SOLID.
- 5. INSTALL LADDER WIRE @ 16" O.C. TO SECURE MULTIPLE WYTHE FOUNDATION WALLS TOGETHER.

#### ULTIMATE DESIGN WIND SPEED NOTES FOR LESS THAN 30' MEAN ROOF HEIGHT:

- 1. STRUCTURAL DESIGN PER NORTH CAROLINA RESIDENTIAL CODE, 2018 EDITION.
- 2. FOR 120 MPH WIND ZONES INSTALL 1/2" ANCHOR BOLTS 6'-0" O.C. AND WITHIN 1'-0" FROM END OF EACH CORNER. ANCHOR BOLTS MUST EXTEND A MINIMUM OF 7" INTO CONCRETE OR 15" INTO
- 3. FOR 130 MPH WIND ZONES INSTALL 1/2" ANCHOR BOLTS 4'-0" O.C. AND WITHIN 1'-0" FROM END OF EACH CORNER, ANCHOR BOLTS MUST EXTEND A 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.
- 7. ENERGY EFFICIENCY COMPLIANCE AND INSULATION VALUES OF THE BUILDING TO BE IN ACCORDANCE WITH CHAPTER 11 OF THE NCRC,

## FOUNDATION VENTILATION CALCULATION

778 SQ. FT. OF CRAWL SPACE DIVIDED BY 1500 EQUALS 0.5 SQ. FT. OF NET FREE AREA REQUIRED. INSTALL 6 MIL POLY TO COVER ENTIRE CRAWL SPACE, LOCATE VENTS WITHIN 3'-0" OF EACH CORNER OF THE BUILDING TO PROVIDE CROSS-VENTILATION.



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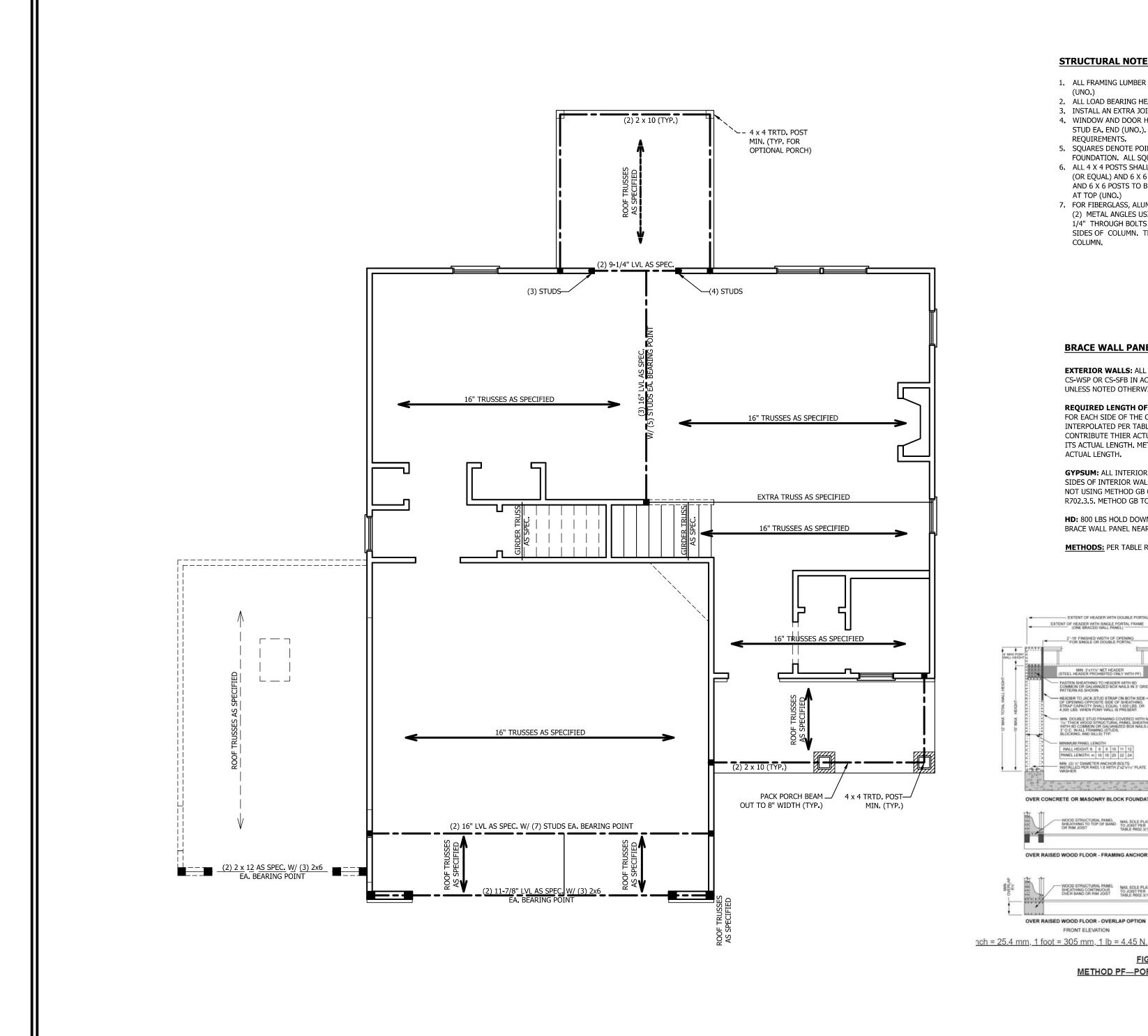
REV.:

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

ENGINEERED BY:

REVIEWED BY:

CRAWL FOUNDATION PLAN



#### **STRUCTURAL NOTES:**

- 1. ALL FRAMING LUMBER TO BE SPF #2 (UNO). ALL TREATED LUMBER TO BE SYP #2
- 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
- 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 FIBÈRGLASS, 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

## **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

**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

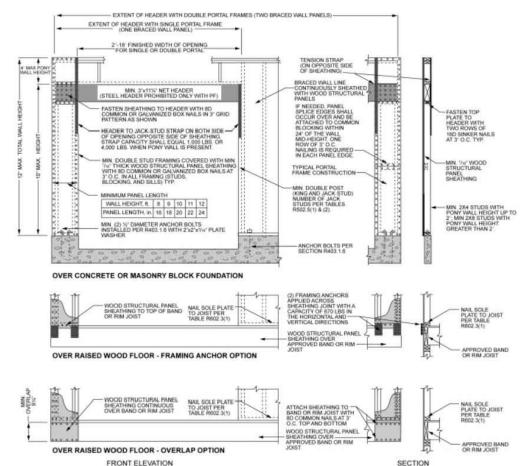
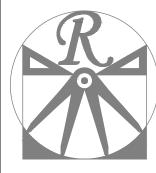


FIGURE R602.10.1 METHOD PF—PORTAL FRAME CONSTRUCTION



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DATE: JUNE 22, 2021 SCALE: 1/4" = 1'-0" DRAWN BY: WG ENGINEERED BY: REVIEWED BY:

SECOND FLOOR FRAMING PLAN

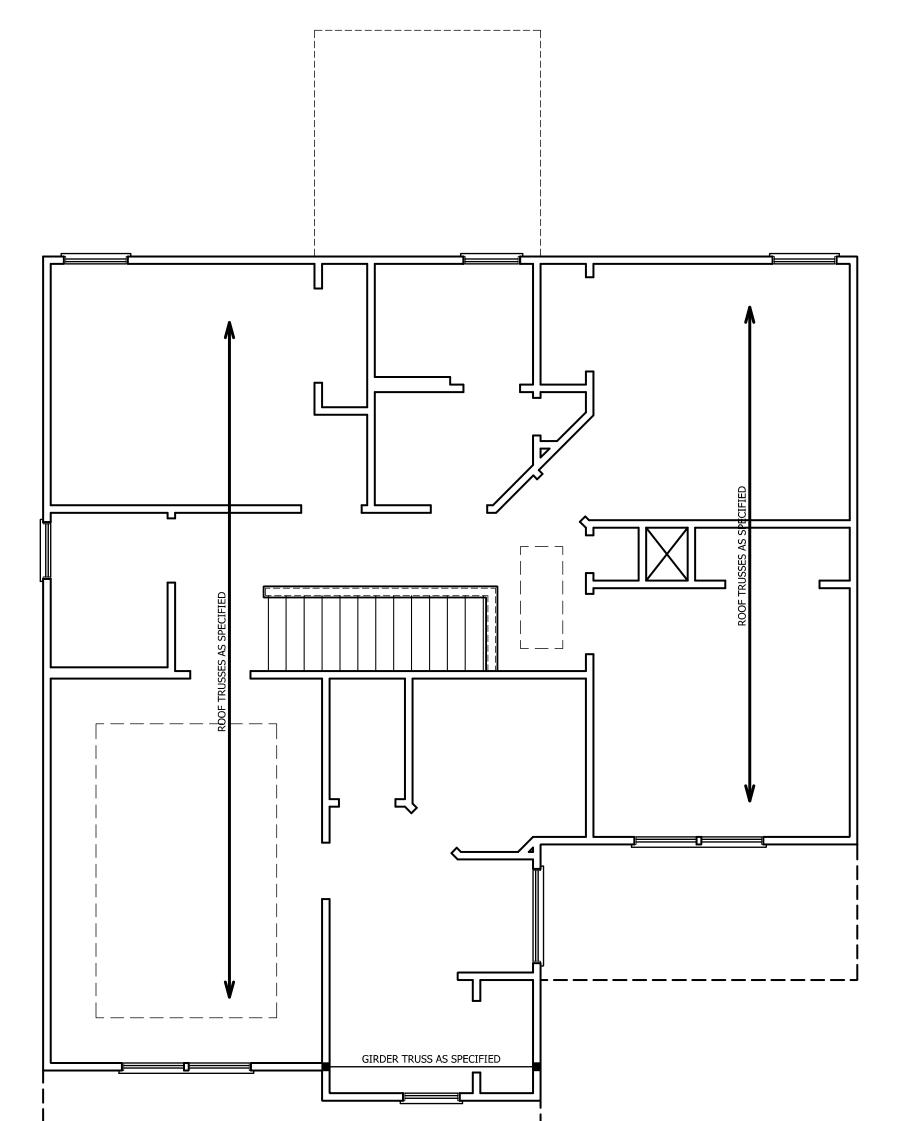


TABLE R602.7.5

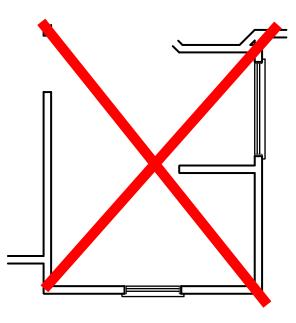
MINIMUM NUMBER OF FULL HEIGHT STUDS
AT EACH END OF HEADERS IN EXTERIOR WALLS

	AT LACIT LIND OF TILADERS 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	

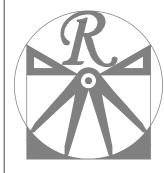
## STRUCTURAL NOTES:

- 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



OPTIONAL OWNER'S BATH



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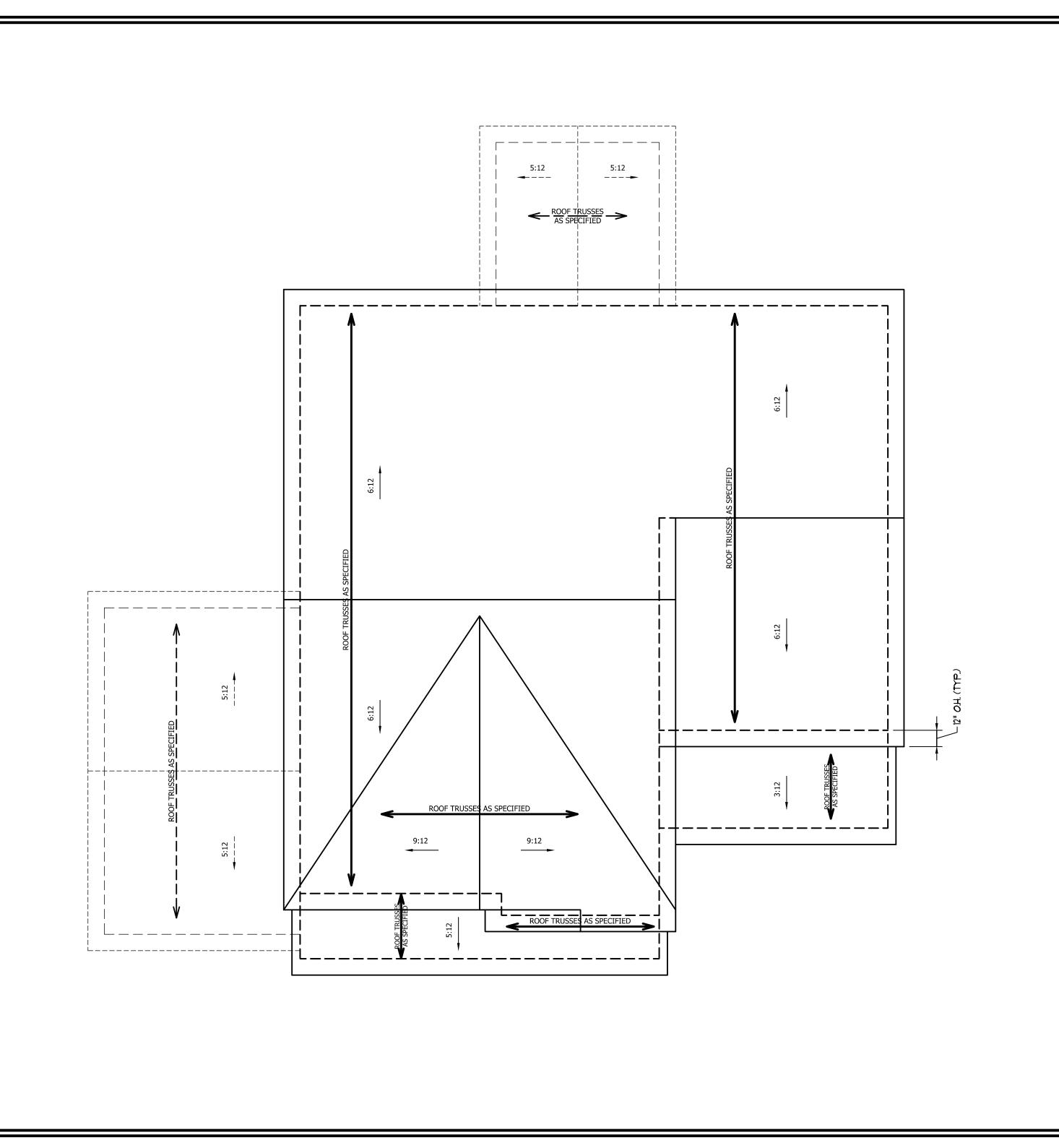
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SCALE: 1/4" = 1'-0"

DRAWN BY: WG
ENGINEERED BY:

REVIEWED BY:

ATTIC FLOOR FRAMING PLAN



 $C: \label{localization} C: \label{localization} C: \label{localization} We also \label{localization}$ 

1484 SQ. FT. OF ATTIC DIVIDED BY 150 REQUIRES 9.9 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.





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ROOF PLAN

