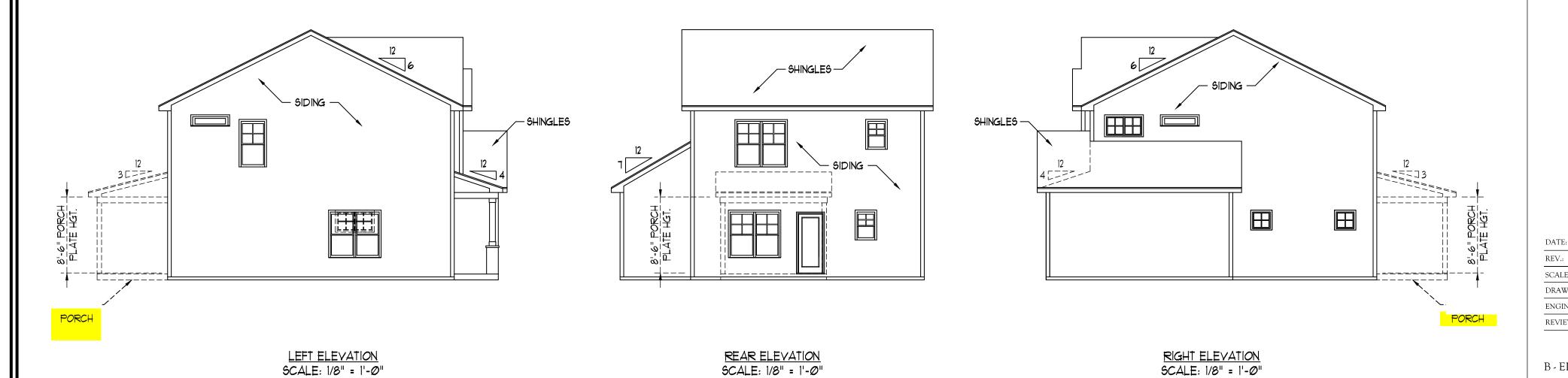
PLANS DESIGNED TO THE 2018 NORTH CAROLINA STATE RESIDENTIAL BUILDING CODE.

CULTURED STONE AS SPEC. (TYP.) -



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

STEPS PER GRADE AS REQ.



GENERAL NOTES

- 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

OPTIONAL HARDWARE

OPTIONAL CULTURED

STONE SKIRT (SHOWN)

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HICKORY-II

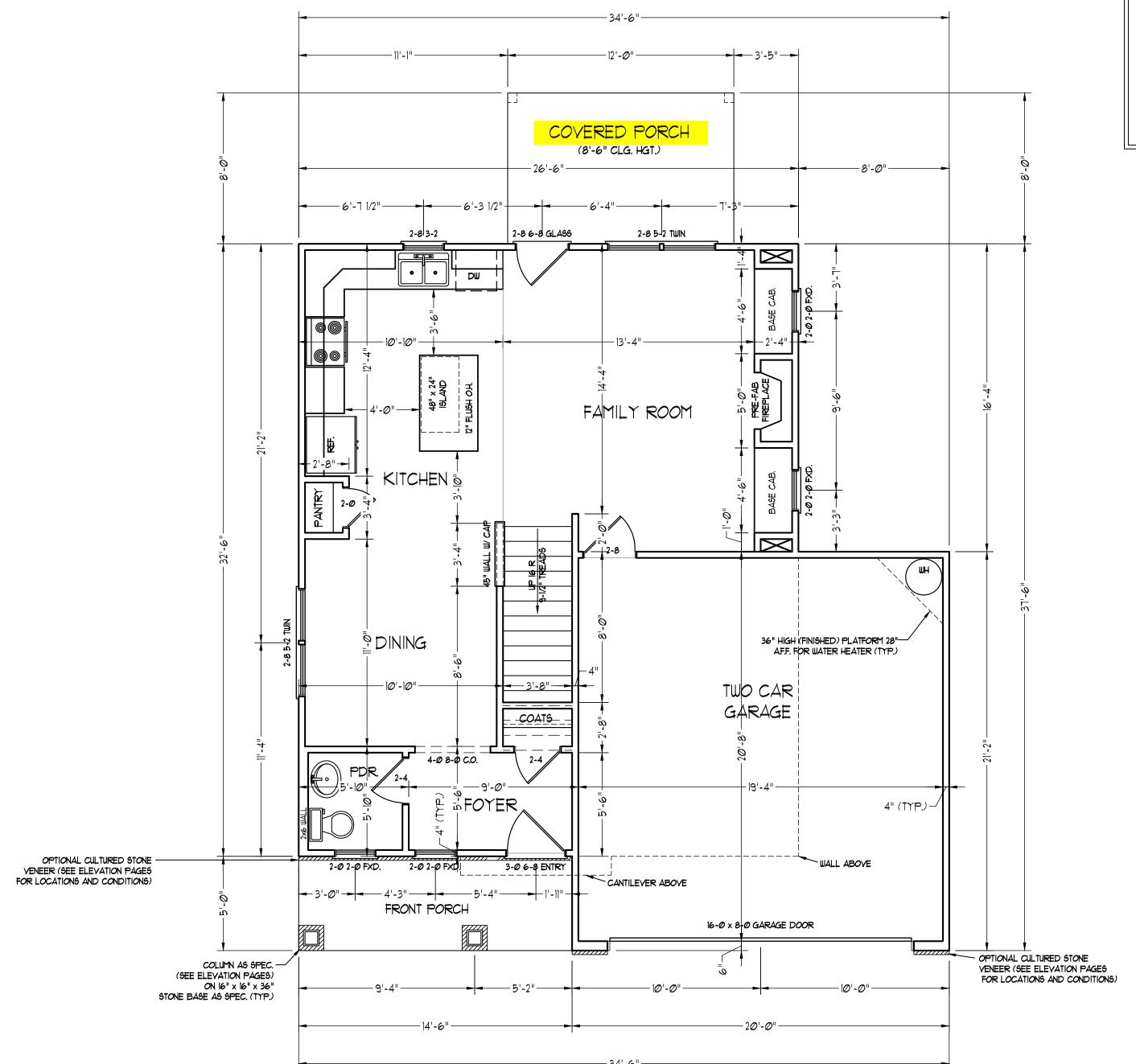
DATE: FEBRUARY 19, 2021

SCALE: AS NOTED DRAWN BY: WG

ENGINEERED BY: REVIEWED BY:

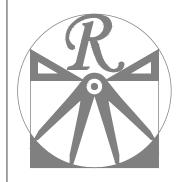
B - ELEVATIONS

A-2



SQUARE FOOTAGE (I.F.S.)

Ist FLOOR: 639 SQ. FT. 795 SQ. FT. 2nd FLOOR: 1434 SQ. FT. TOTAL: 393 SQ. FT. GARAGE: FRONT PORCH: 73 SQ. FT. STD. REAR PATIO: 96 SQ. FT. OPT. REAR PORCH: 96 SQ. FT.



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DATE: FEBRUARY 19, 2021

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

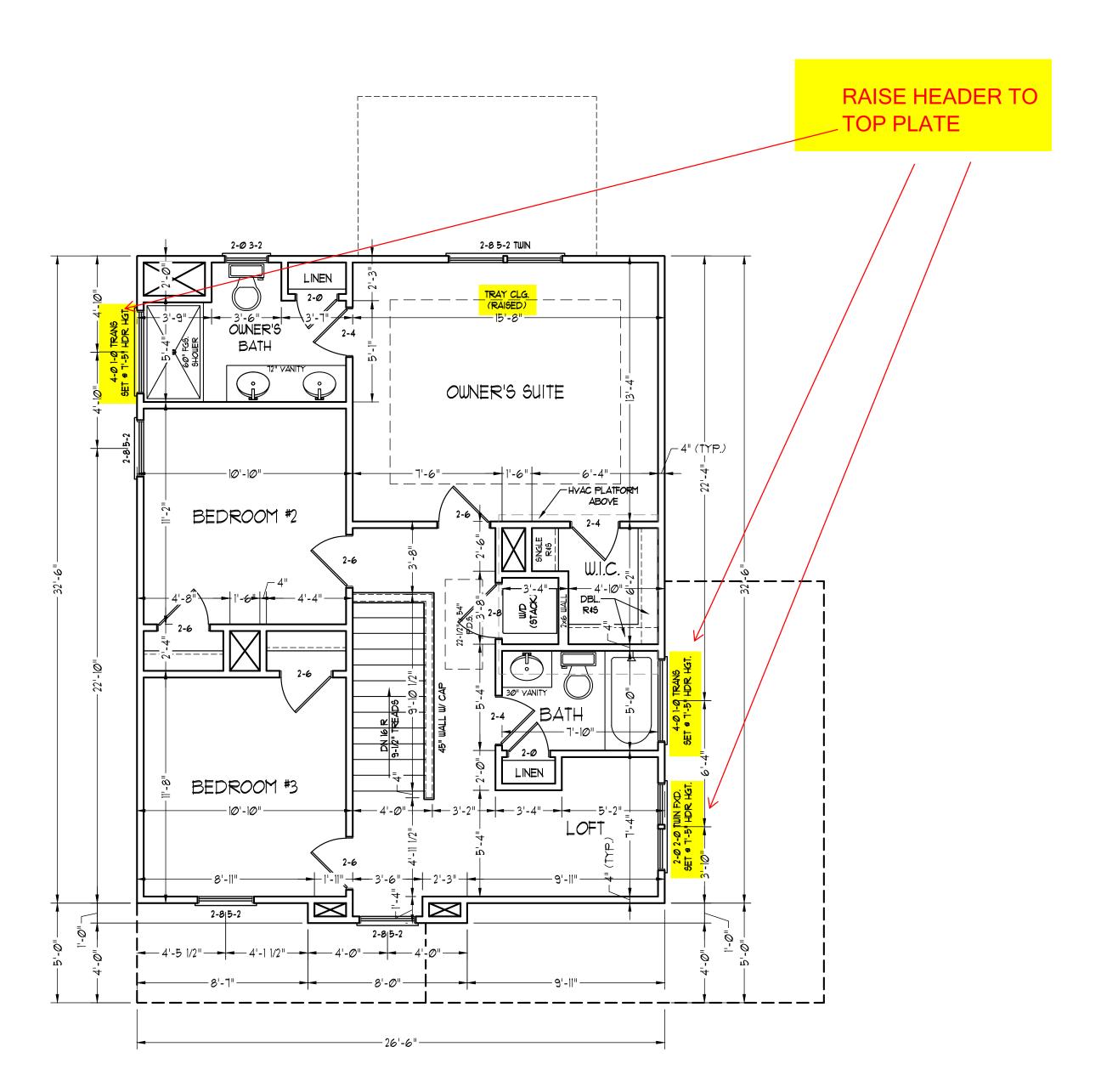
ENGINEERED BY:

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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DATE: FEBRUARY 19, 2021

REV.:

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

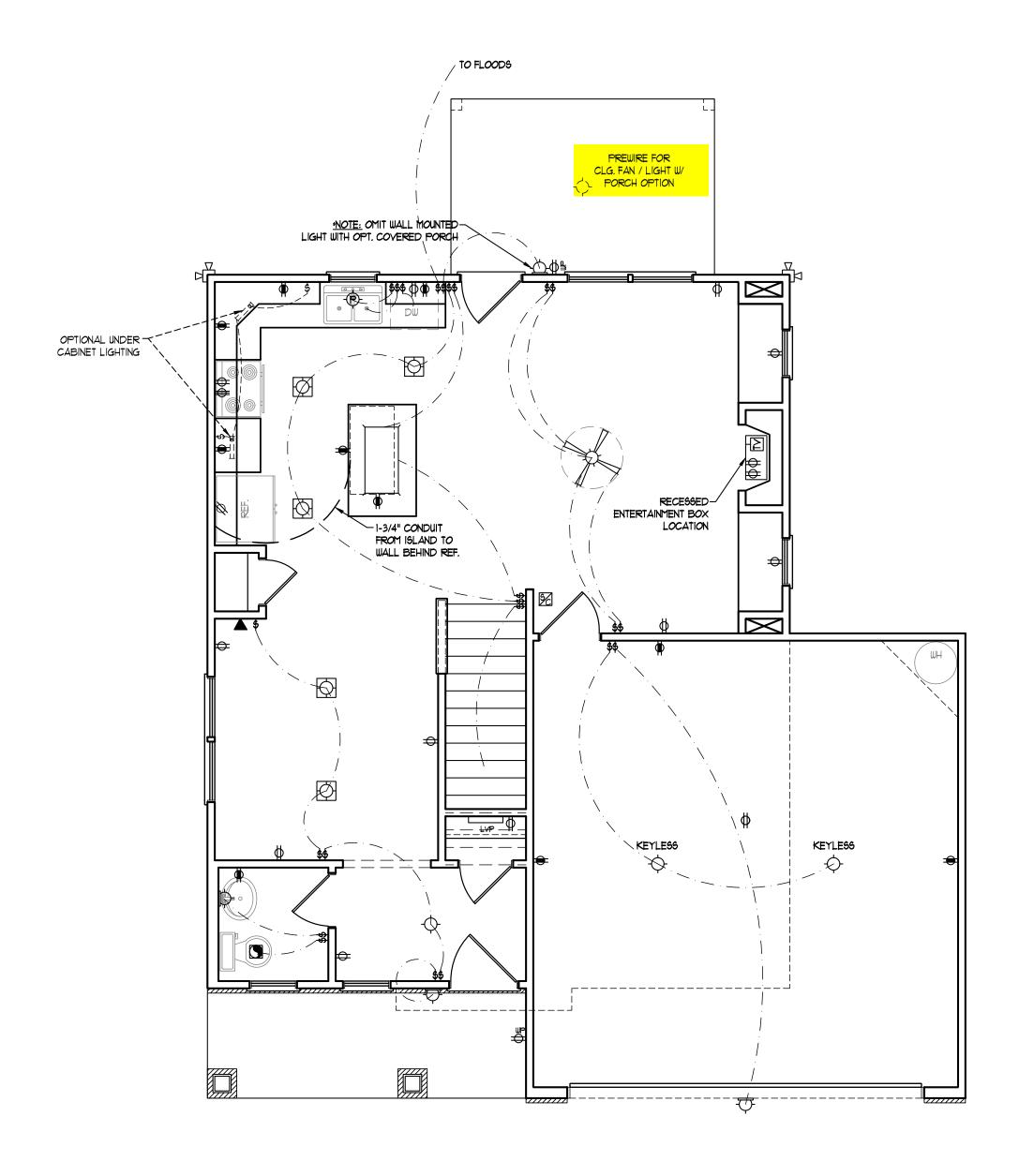
DRAWN BY: WG

ENGINEERED BY: REVIEWED BY:

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 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 Y OUTLET
- = 110 V GFI OUTLET
- → 110 Y SWITCHED OUTLET
- $_{\mathrm{BB}}$ \Longrightarrow 110 V BASEBOARD OUTLET
- 4-PLEX
- COUNTER OR FLOOR MOUNTED
- COUNTER OR FLOOR MOUNTED 110V GF1
- ₩EATHERPROOF
- **⇒** 22Ø ∨ OUTLET
- Ø 110 V DEDICATED CIRCUIT
- # 220 Y DEDICATED CIRCUIT
- PH SPECIAL PURPOSE (240 V, ETC.)
- WALL MOUNT LIGHT
- -CEILING 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
- TY- TY CONNECTION
- TV/ DATA
- CD- CONDUIT FOR COMPONENT WIRING
- 110 V SMOKE/ CM DETECTOR
- 5D IIØ V SMOKE DETECTOR
- EXHAUST FAN
- LOW VOLTAGE PANEL
- ALARM PANEL





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



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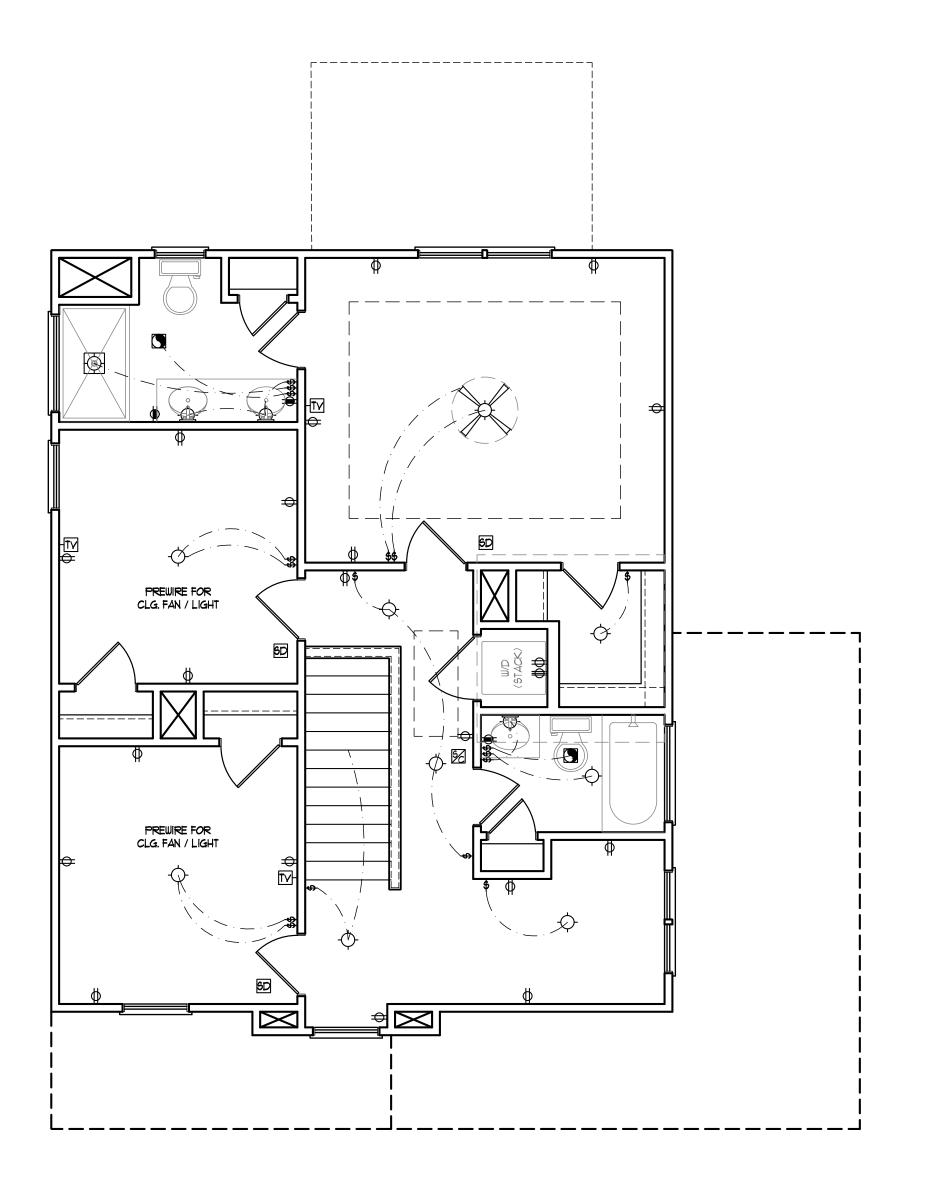
DATE: FEBRUARY 19, 2021

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

DRAWN BY: WG ENGINEERED BY:

REVIEWED BY: FIRST FLOOR

ELECTRICAL PLAN E-1



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

- ⇒ 110 ∨ OUTLET
- € 110 V GFI OUTLET
- ⇒ 110 V SWITCHED OUTLET
- $_{\mathrm{BB}}$ \Longrightarrow 110 V BASEBOARD OUTLET
- 4-PLEX
- COUNTER OR FLOOR MOUNTED
- COUNTER OR FLOOR MOUNTED 110V GF1
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- **⇒** 22Ø ∨ OUTLET
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- FLUORESCENT LIGHT
- undercabinet light
- FLOOD LIGHT
- \$ SWITCH
- \$D DIMMER SWITCH
- **TELEPHONE**
- \triangle data
- TELEPHONE AND DATA
- TY- TY CONNECTION
- TV/ DATA
- CD- CONDUIT FOR COMPONENT WIRING
- 110 V SMOKE/ CO DETECTOR
- 5D IIØ V SMOKE DETECTOR
- EXHAUST FAN
- LOW VOLTAGE PANEL







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



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HICKORY-II

DATE: FEBRUARY 19, 2021

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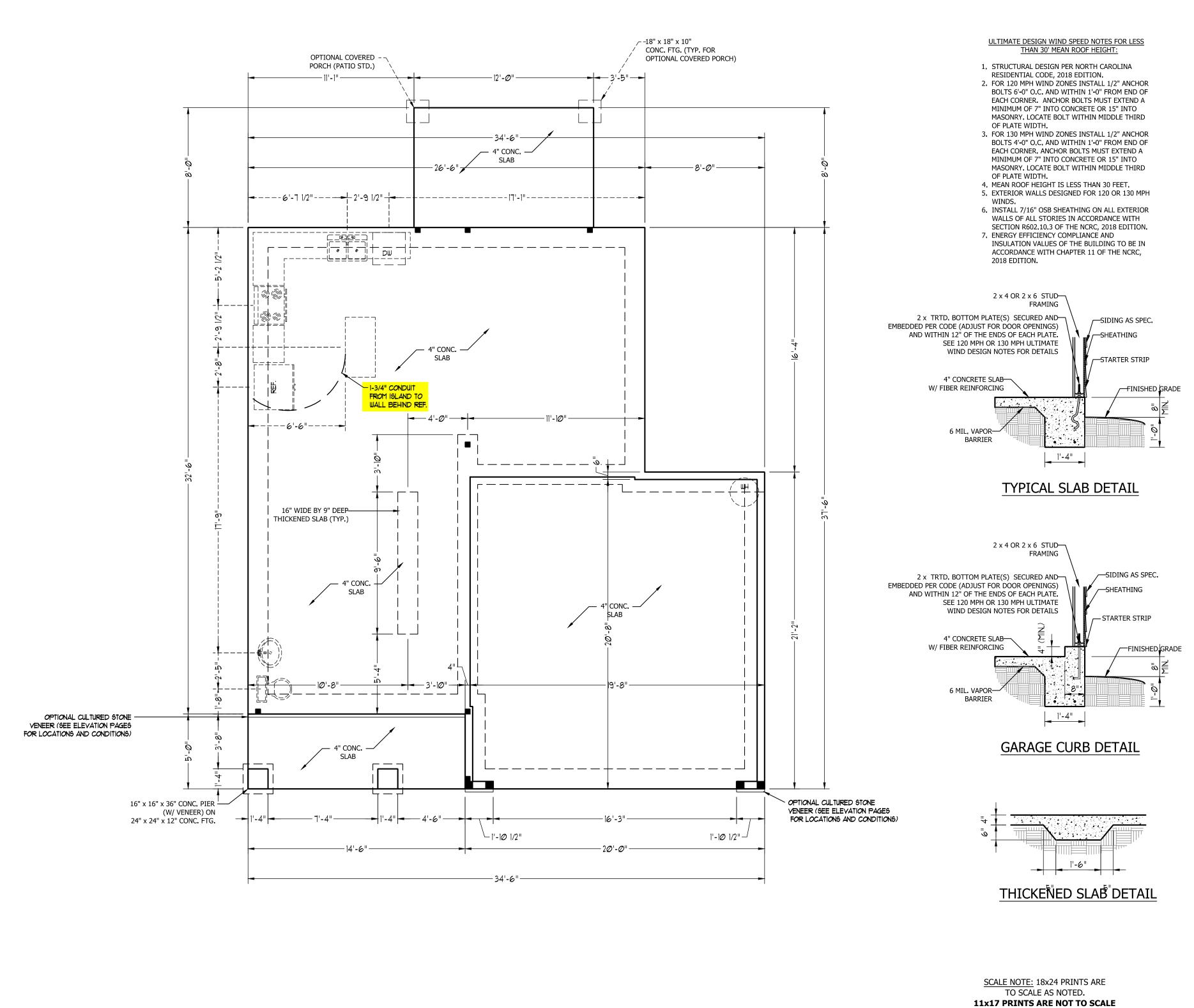
SCALE: 1/4" = 1'-0"

DRAWN BY: WG ENGINEERED BY:

REVIEWED BY:

SECOND FLOOR ELCTRICAL PLAN

E-2



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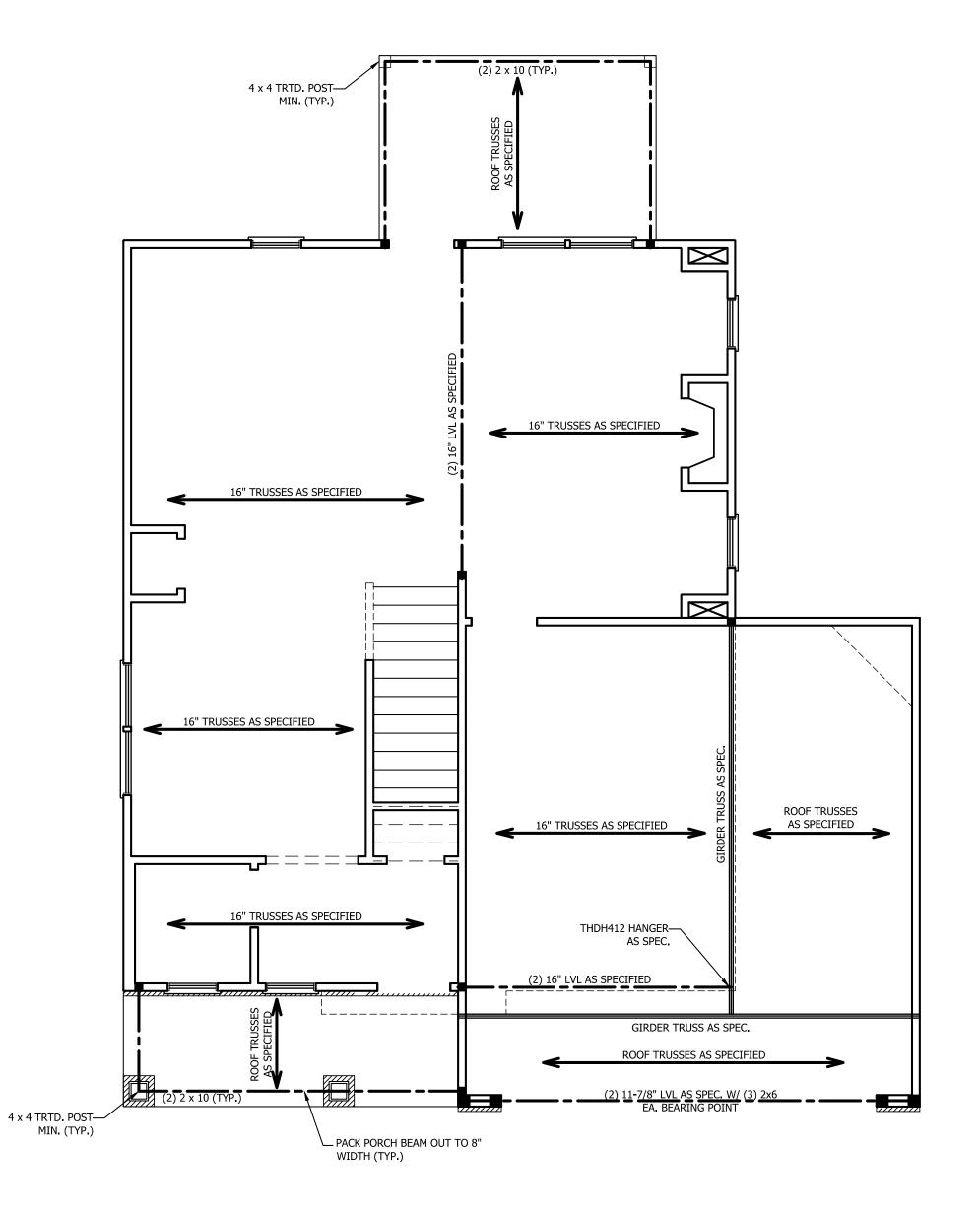
DRAWN BY: WG

ENGINEERED BY:

REVIEWED BY: MONO SLAB

FOUNDATION PLAN

S-1



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 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:

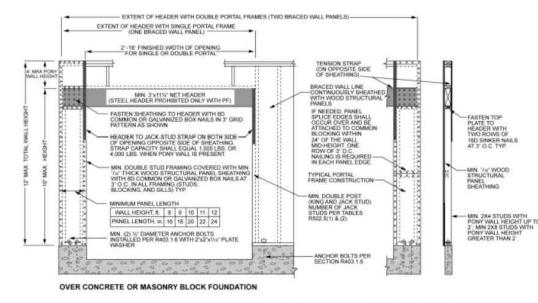
EXTERIOR WALLS: ALL EXTERIOR WALLS TO BE SHEALTHED WITH CS-WSP OR CS-SFB IN ACCORDANCE WITH SECTION R602.10.3 UNLESS NOTED OTHERWISE.

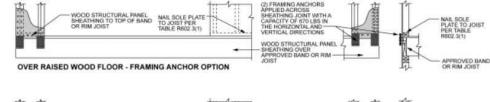
REQUIRED LENGTH OF BRACING: REQUIRED BRACE WALL LENGTH FOR EACH SIDE OF THE CIRCUMSCRIBED RECTANGLE ARE INTERPOLATED PER TABLE R602.10.3. METHODS CS-WSP AND CS-SFB CONTRIBUTE THIER ACTUAL LENGTH. METHOD GB CONTRIBUTES 0.5 ITS ACTUAL LENGTH. METHOD PF CONTRIBUTES 1.5 TIMES ITS ACTUAL LENGTH.

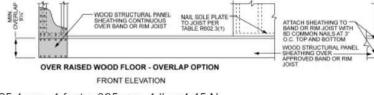
GYPSUM: ALL INTERIOR SIDES OF EXTERIOR WALLS AND BOTH SIDES OF INTERIOR WALLS TO HAVE 1/2" GYPSUM INSTALLED. WHEN NOT USING METHOD GB GYPSUM TO BE FASTENED PER TABLE R702.3.5. METHOD GB TO BE FASTENED PER TABLE R602.10.1.

 $\ensuremath{\mathbf{HD:}}$ 800 LBS HOLD DOWN DEVICE FASTENED TO THE EDGE OF THE BRACE WALL PANEL NEAREST TO THE CORNER

METHODS: PER TABLE R602.10.1







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



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ENGINEERED BY:

REVIEWED BY:

SECOND FLOOR FRAMING PLAN

S-2

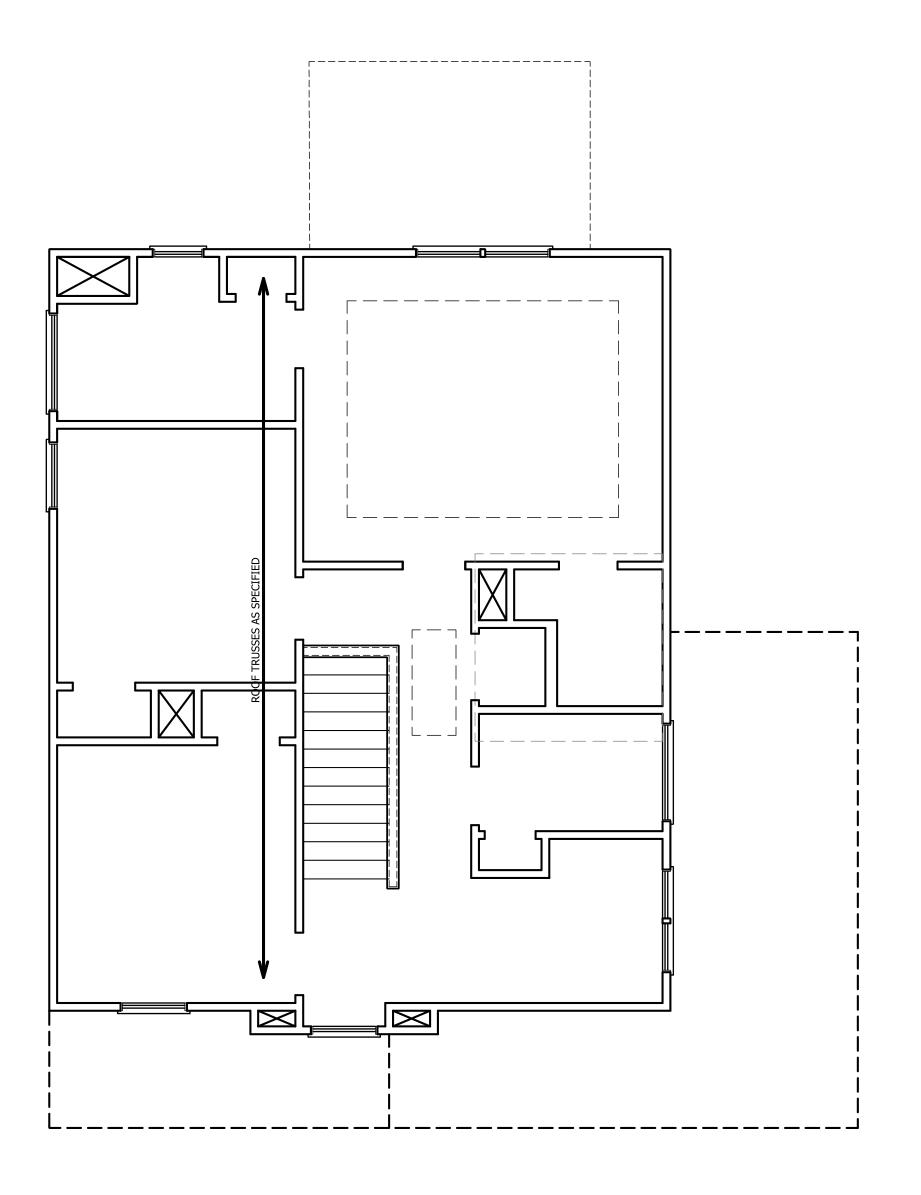


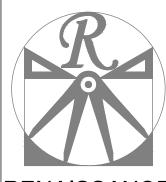
TABLE R602.7.5 MINIMUM NUMBER OF FULL HEIGHT STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS

AT LACIT LIND OF TILADLING IN LATERIOR 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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SCALE: 1/4" = 1'-0"

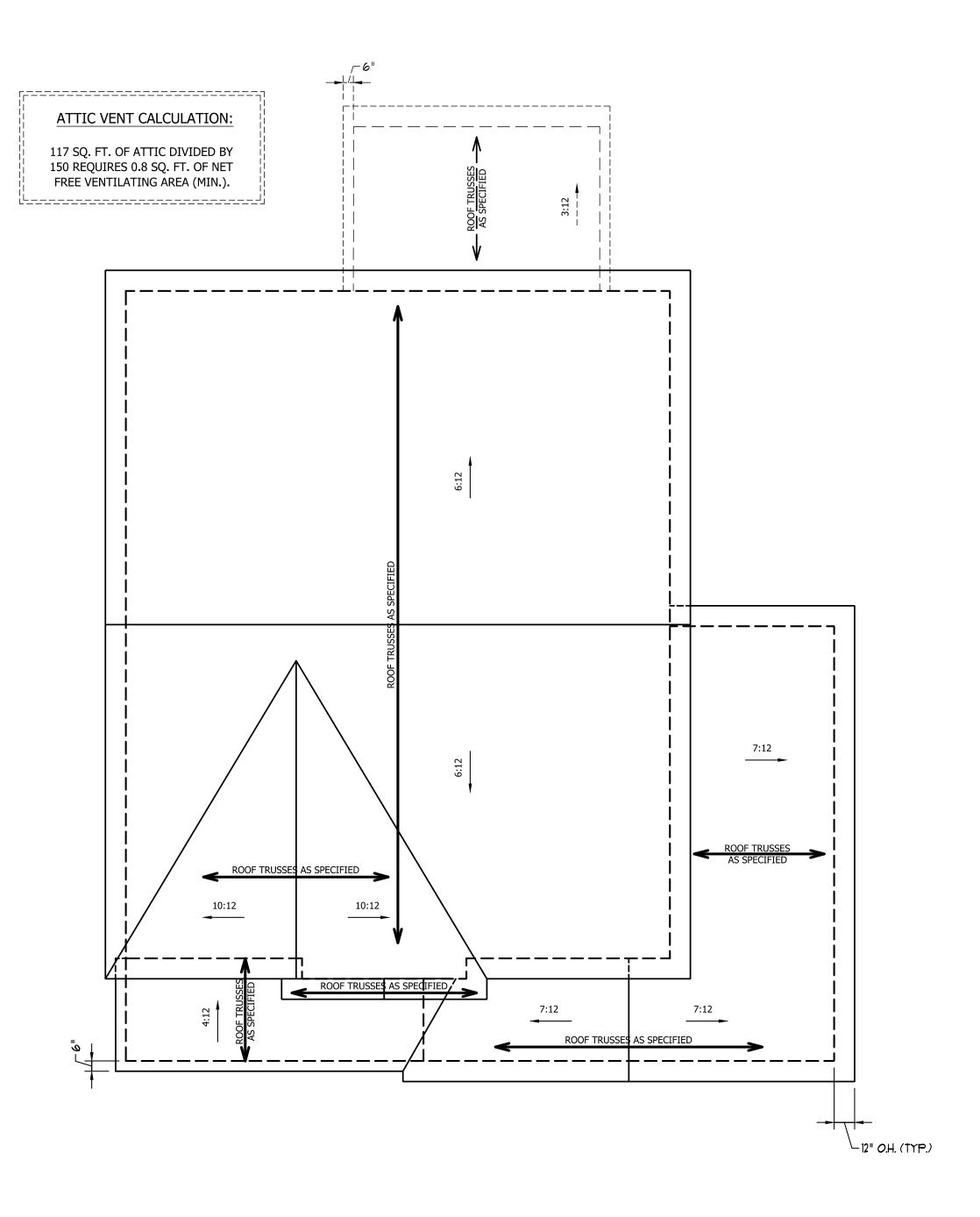
DRAWN BY: WG

ENGINEERED BY: REVIEWED BY:

ATTIC FLOOR FRAMING PLAN

S-3

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



ATTIC VENT CALCULATION:

1302 SQ. FT. OF ATTIC DIVIDED BY 150 REQUIRES 8.7 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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DATE: FEBRUARY 19, 2021

REV.:

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

DRAWN BY: WG ENGINEERED BY:

REVIEWED BY:

ROOF PLAN

S-4

SCALE NOTE: 18x24 PRINTS ARE
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