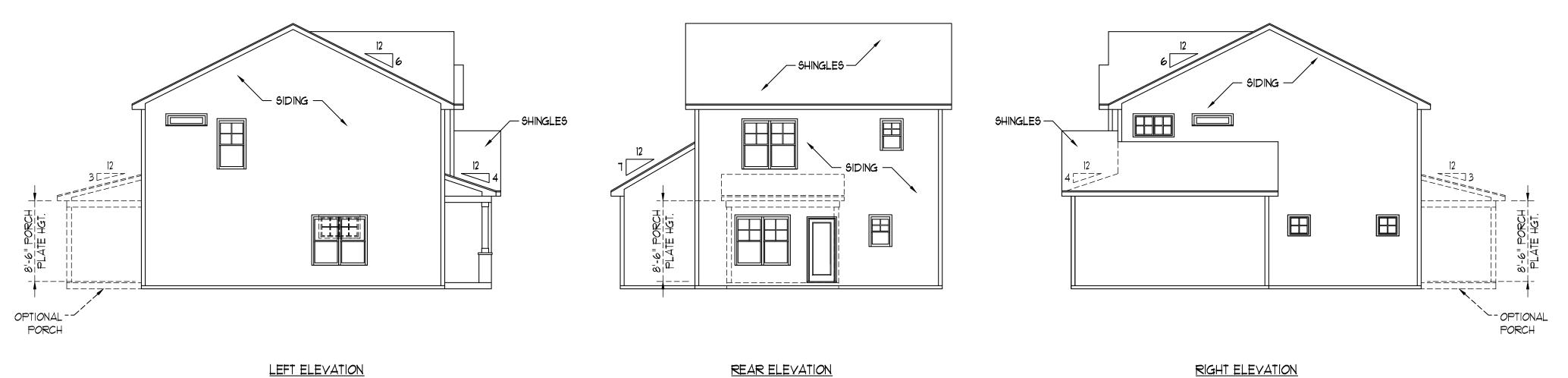
PLANS DESIGNED TO THE 2018 NORTH CAROLINA STATE RESIDENTIAL BUILDING CODE.

RIDGE VENT (TYP.) SITE REQUIREMENTS. LOT 1 1 x 4 FRIEZE BOARD AS SPEC. **WIRE RD** (TYP. FRONT ELEVATION ONLY) SIDING AS SPEC. (TYP.)-SHINGLES AS SPEC. (TYP.)-14" SHUTTERS AS SPEC. (TYP.) -CORNER BOARD 8'-1 1/2"" CLG. HGT. AS SPEC. (TYP.) Ħ, SHINGLES AS SPEC. (TYP.)-EXTERIOR LIGHT AS SPEC. (TYP.) EXTERIOR LIGHT AS SPEC. (TYP.) 9'-1 1/2"" CLG. HGT. 1 x 4 TRIM AS SPEC. (TYP.)-8" SQUARE COLUMN ON 16" x 16" x 36" GARAGE DOOR AS SPEC. WITH STONE BASE AS SPEC. (TYP.) OPTIONAL HARDWARE OPTIONAL CULTURED CULTURED STONE AS SPEC. (TYP.) -STONE SKIRT (SHOWN)

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"

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

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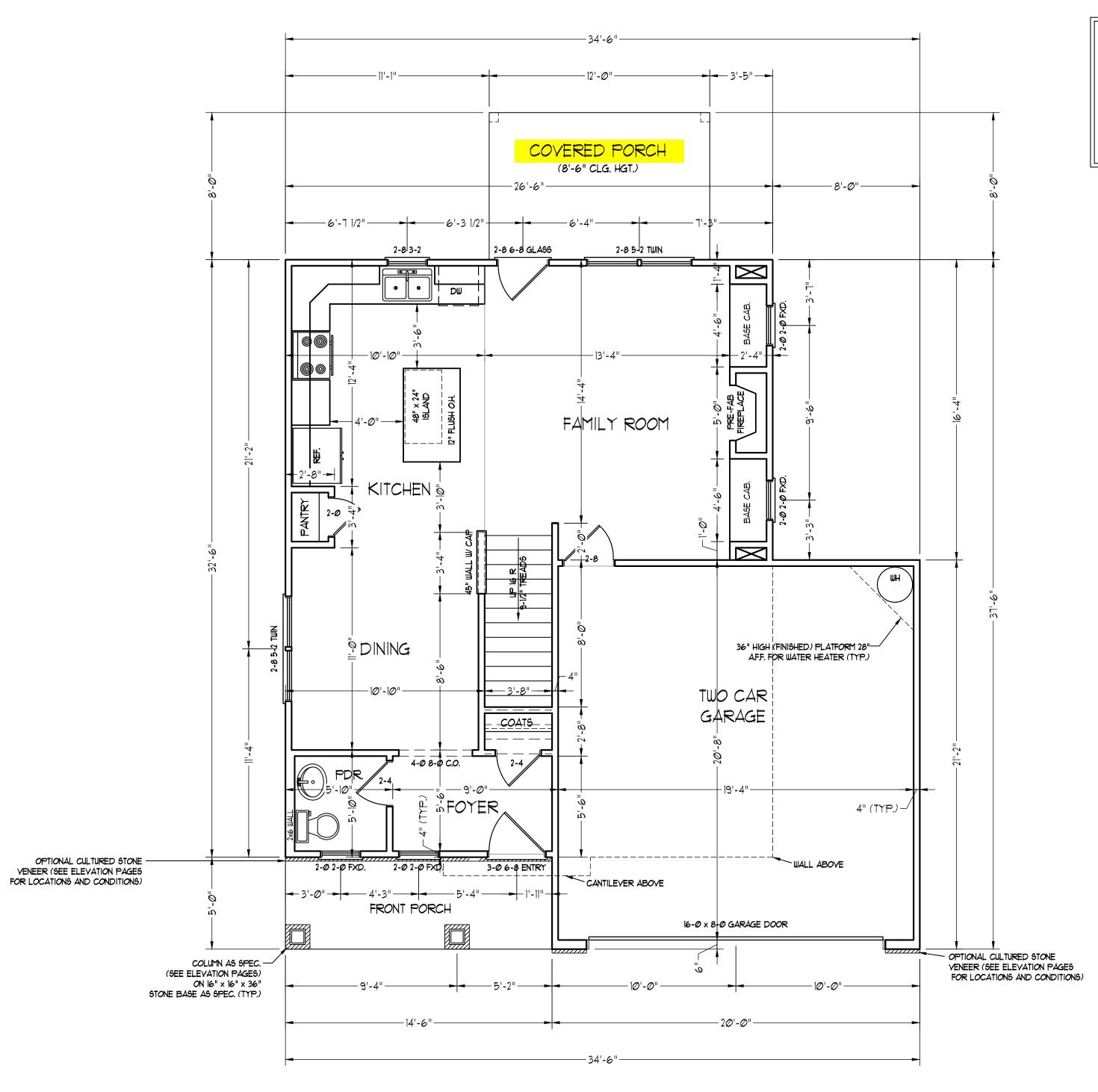
SCALE: AS NOTED DRAWN BY: WG

ENGINEERED BY: REVIEWED BY:

B - ELEVATIONS

A-2

SCALE: 1/8" = 1'-0"



SQUARE FOOTAGE (I.F.S.)

 Ist FLOOR:
 639 SQ. FT.

 2nd FLOOR:
 195 SQ. FT.

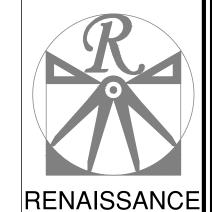
 TOTAL:
 1434 SQ. FT.

 GARAGE:
 393 SQ. FT.

 FRONT PORCH:
 13 SQ. FT.

 STD. REAR PATIO:
 96 SQ. FT.

 OPT. REAR PORCH:
 96 SQ. FT.



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

DRAWN BY: WG

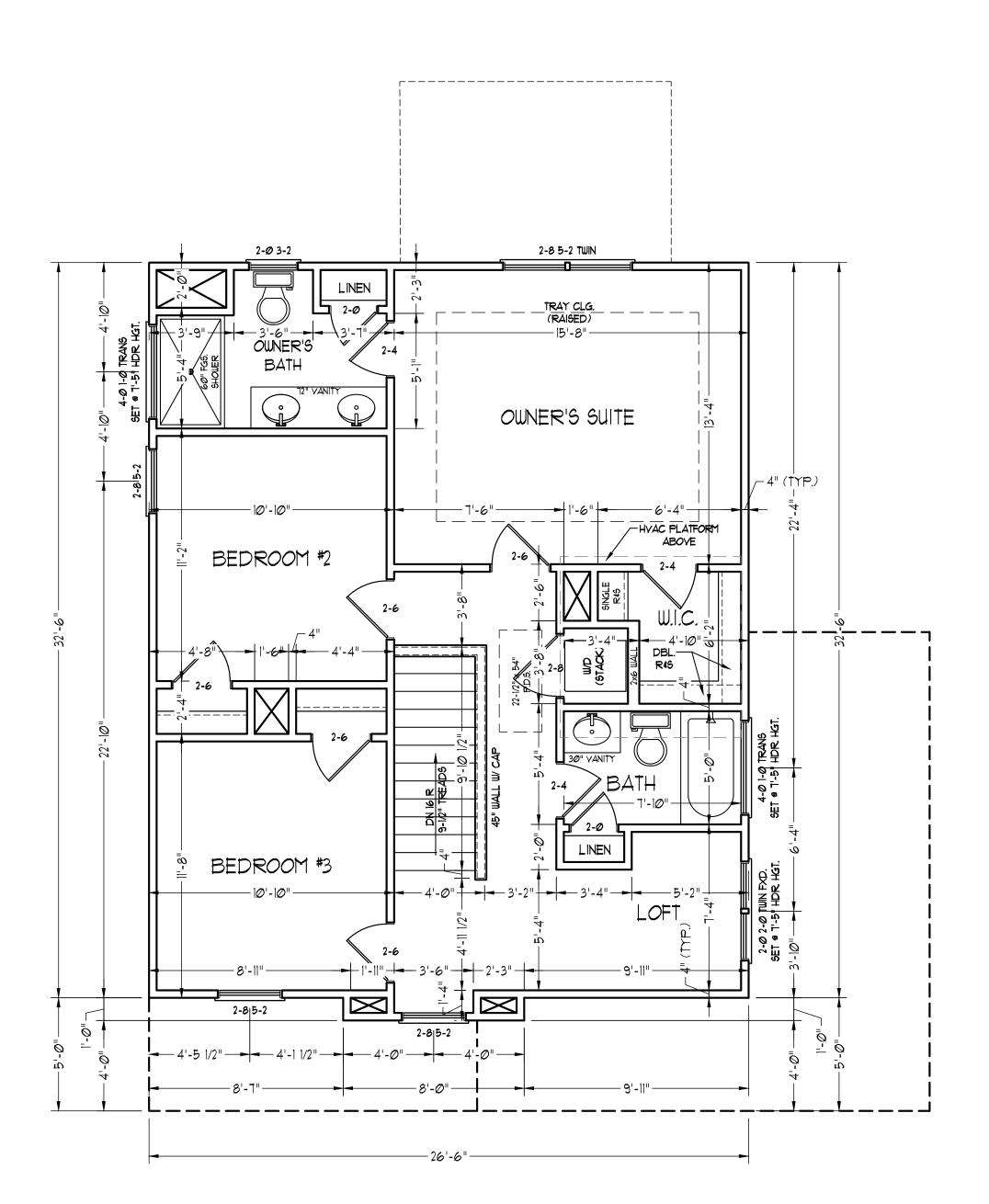
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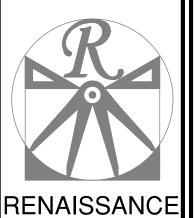
REVIEWED BY:

FIRST FLOOR PLAN

A-4

SCALE NOTE: 18x24 PRINTS ARE
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QUARE FOOTAGE AND DIMENSIONS ARE ESTIMATED AND VIV NARY IN ACTUAL POSITION OF USE ON LOT WILL BE DETERMINED BY THE SITE PLAN AND OST PLAN ELOOR PLANS AND ELEVATION RENDERINGS ARE RIST CONCEPTIONS. FLOOR PLANS ARY USE, REPRODUCTION, AND ADDITIONAL AND SERPONDICTION, AND ADDITIONAL OF THE PREPODUCTION, AND ADDITIONAL OF THE PROPERIOR OF THE PARKEN AND SECRED OF THE PARKEN AND SE

WEAVER HOMES CAROLINA COLLECTION HICKORY:II

DATE: FEBRUARY 19, 2021

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

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ENGINEERED BY:

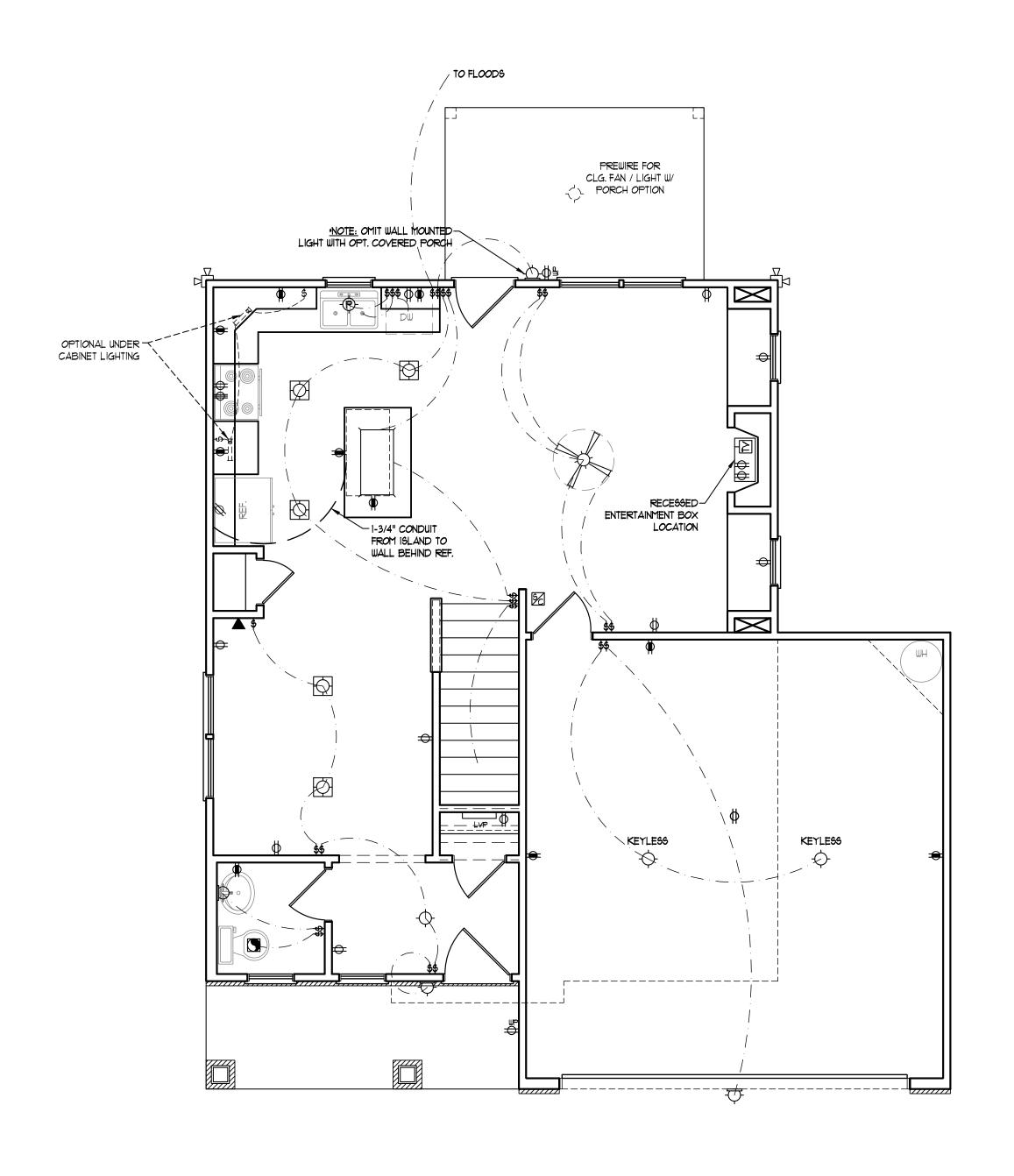
REVIEWED BY:

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

- → 110 ∨ OUTLET
- = 110 V GFI OUTLET
- → 110 Y SWITCHED OUTLET

BB 👄 110 V BASEBOARD OUTLET

4-PLEX

COUNTER OR FLOOR MOUNTED

COUNTER OR FLOOR MOUNTED 110V GF1

₩EATHERPROOF

⇒ 22∅ ∨ OUTLET

Ø 110 V DEDICATED CIRCUIT

220 Y DEDICATED CIRCUIT

● SPECIAL PURPOSE (240 V, ETC.)

OF SIECIAL FUNFOSE (240 Y, ETC.)

- WALL MOUNT LIGHT

-CEILING MOUNT LIGHT

PENDANT LIGHT

RECESSED CAN LIGHT

MINI CAN LIGHT

EYEBALL LIGHT

FLUORESCENT LIGHT

undercabinet light

FLOOD LIGHT

\$ SWITCH

\$D DIMMER SWITCH

▲ TELEPHONE

△ DATA

▲ TELEPHONE AND DATA

TY- TY CONNECTION

TV/ DATA

CD- CONDUIT FOR COMPONENT WIRING

SP SPEAKER

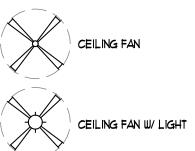
IIØ Y SMOKE/ CM DETECTOR

D 110 Y SMOKE DETECTOR

EXHAUST FAN

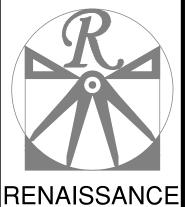
LOW VOLTAGE PANEL

ALARM PANEL



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

11x17 PRINTS ARE NOT TO SCALE



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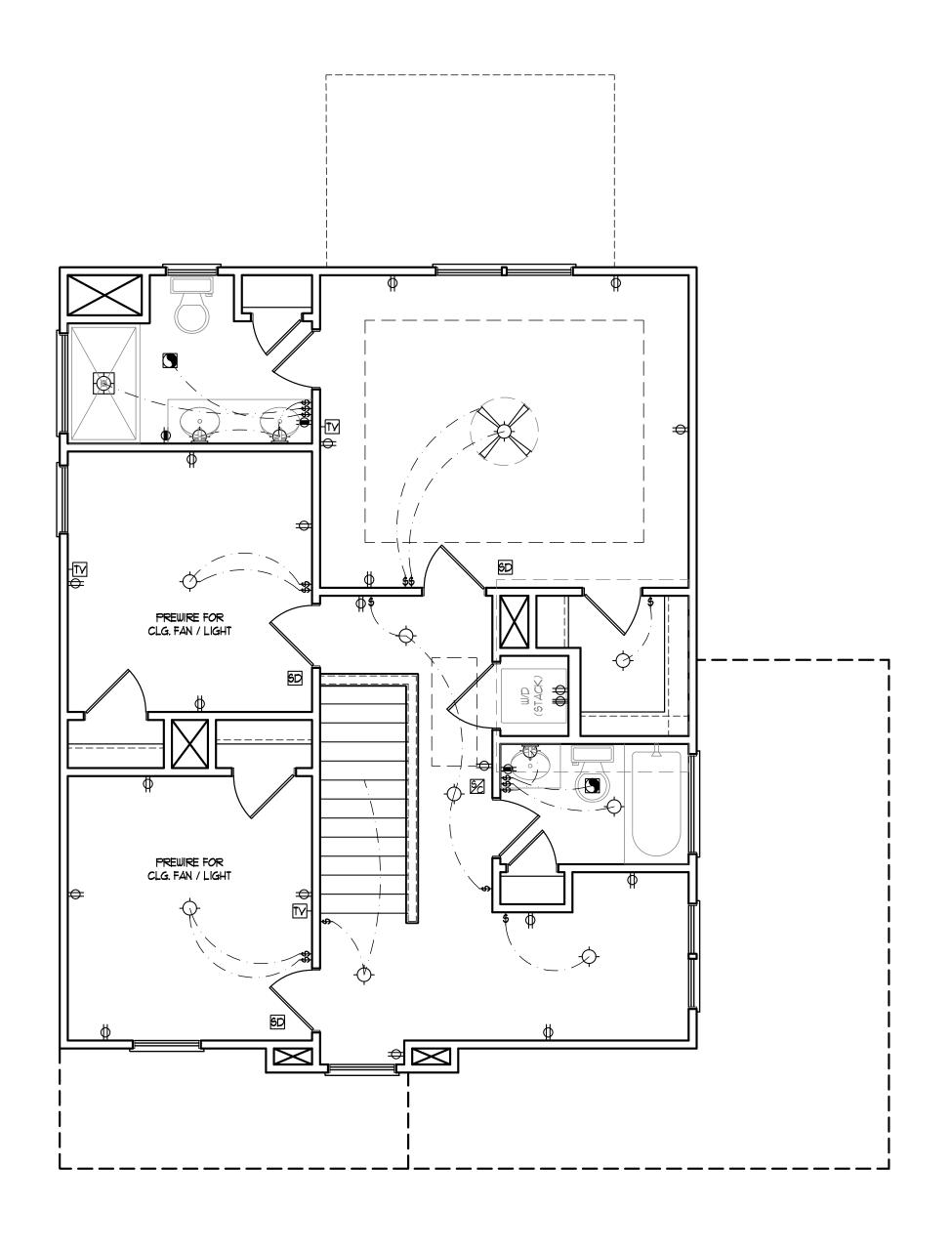
DRAWN BY: WG

FIRST FLOOR ELECTRICAL

ENGINEERED BY:

REVIEWED BY:

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

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

-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

TELEPHONE AND DATA

TY- TY CONNECTION

TV/ DATA

CD- CONDUIT FOR COMPONENT WIRING SP SPEAKER

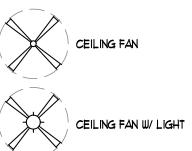
110 V SMOKE/ CO DETECTOR

110 V SMOKE DETECTOR

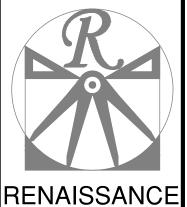
EXHAUST FAN

LOW VOLTAGE PANEL

ALARM PANEL



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



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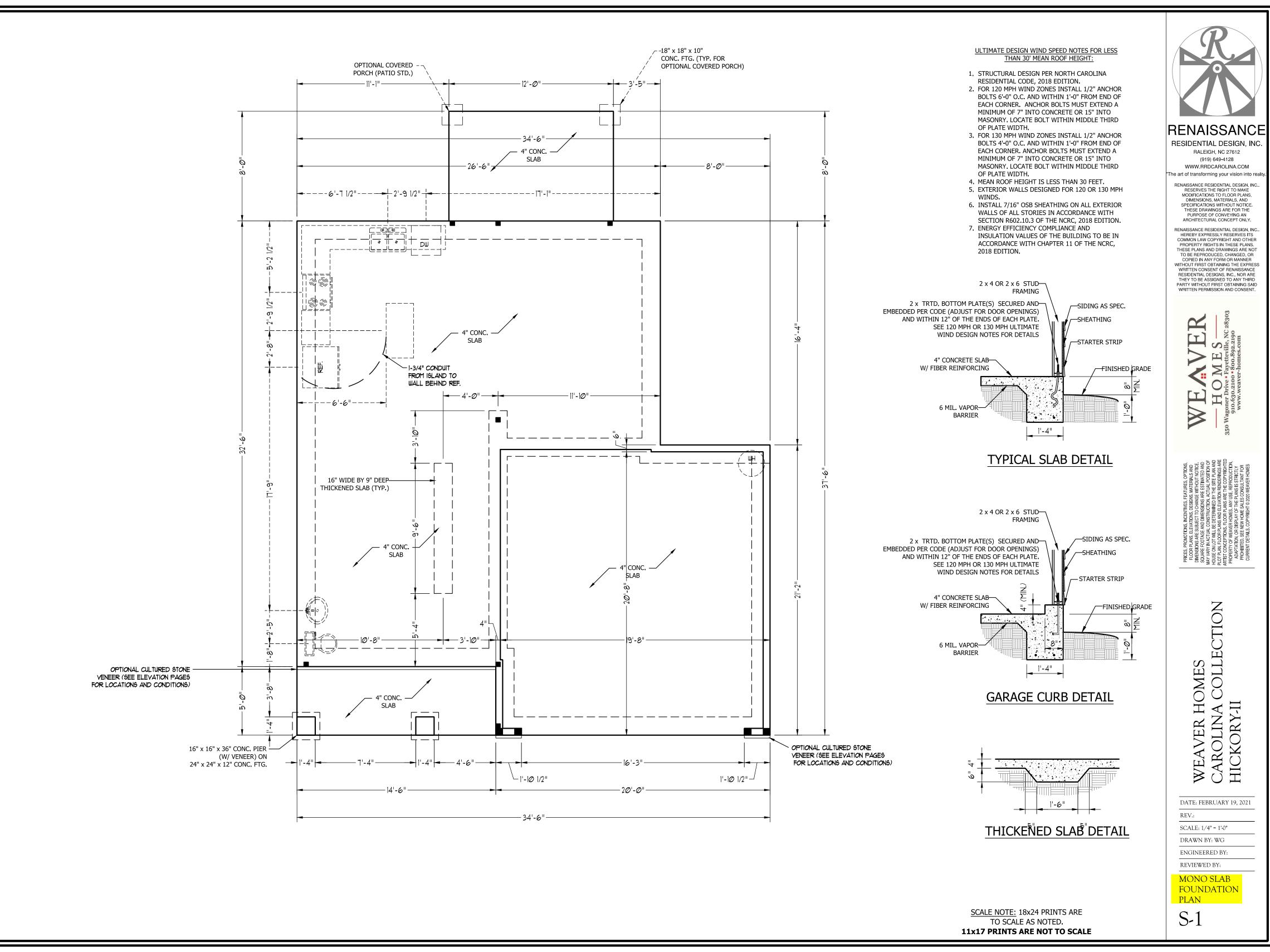
SCALE: 1/4" = 1'-0"

DRAWN BY: WG ENGINEERED BY:

REVIEWED BY:

SECOND FLOOR ELCTRICAL PLAN

E-2





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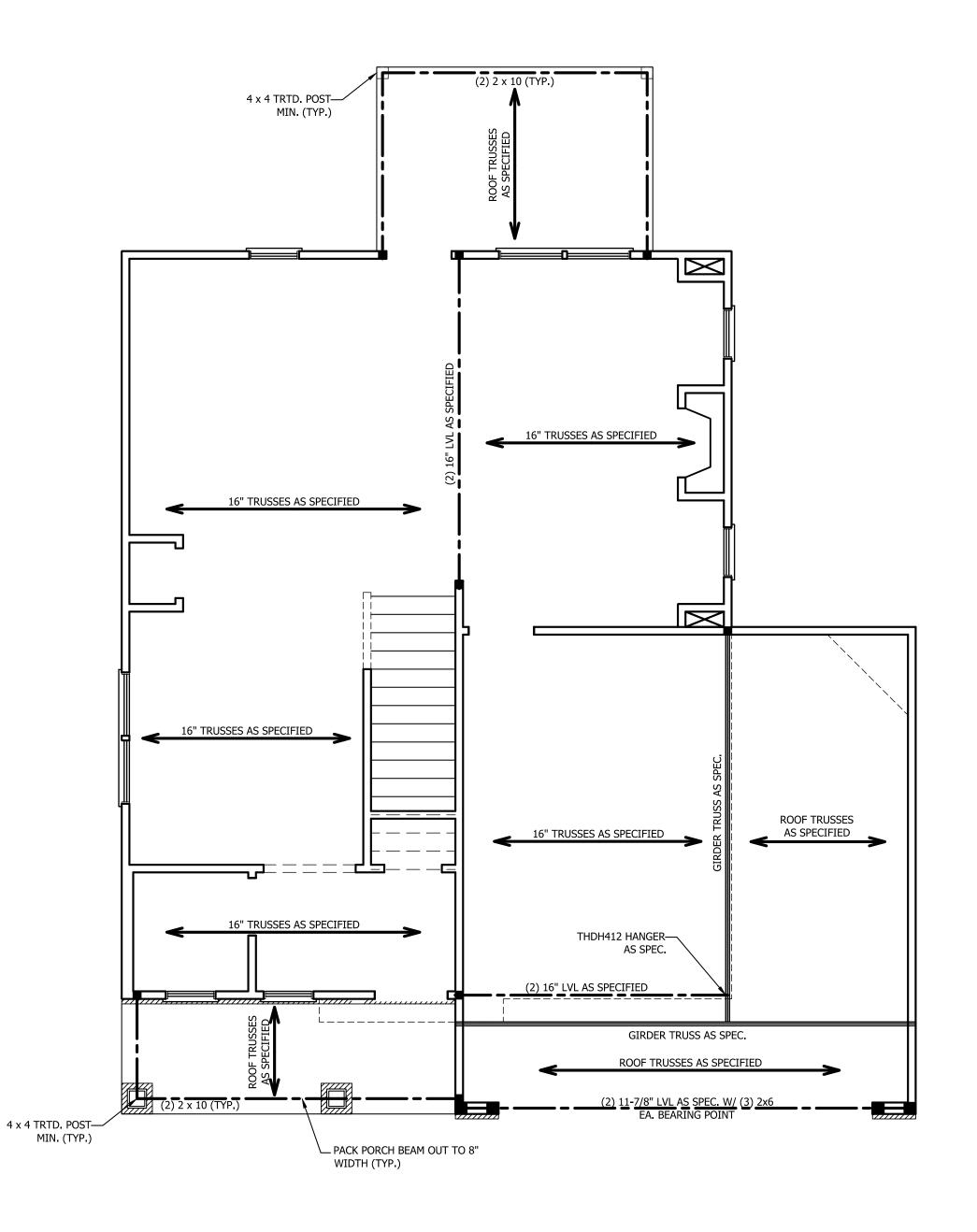
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STRUCTURAL NOTES:

- 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.)
- 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

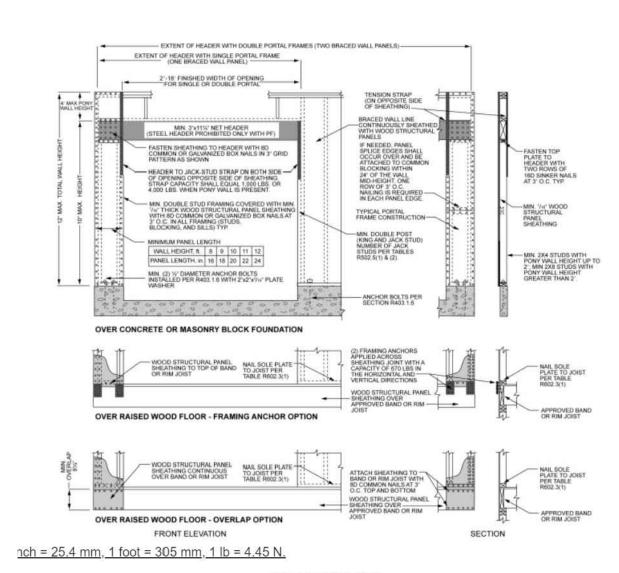
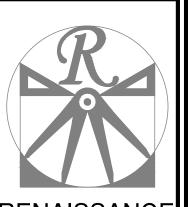


FIGURE R602.10.1

METHOD PF—PORTAL FRAME CONSTRUCTION

SCALE NOTE: 18x24 PRINTS ARE
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DATE: FEBRUARY 19, 2021

REV.:

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

DRAWN BY: WG

ENGINEERED BY:

REVIEWED BY:

SECOND FLOOR FRAMING PLAN

S-2

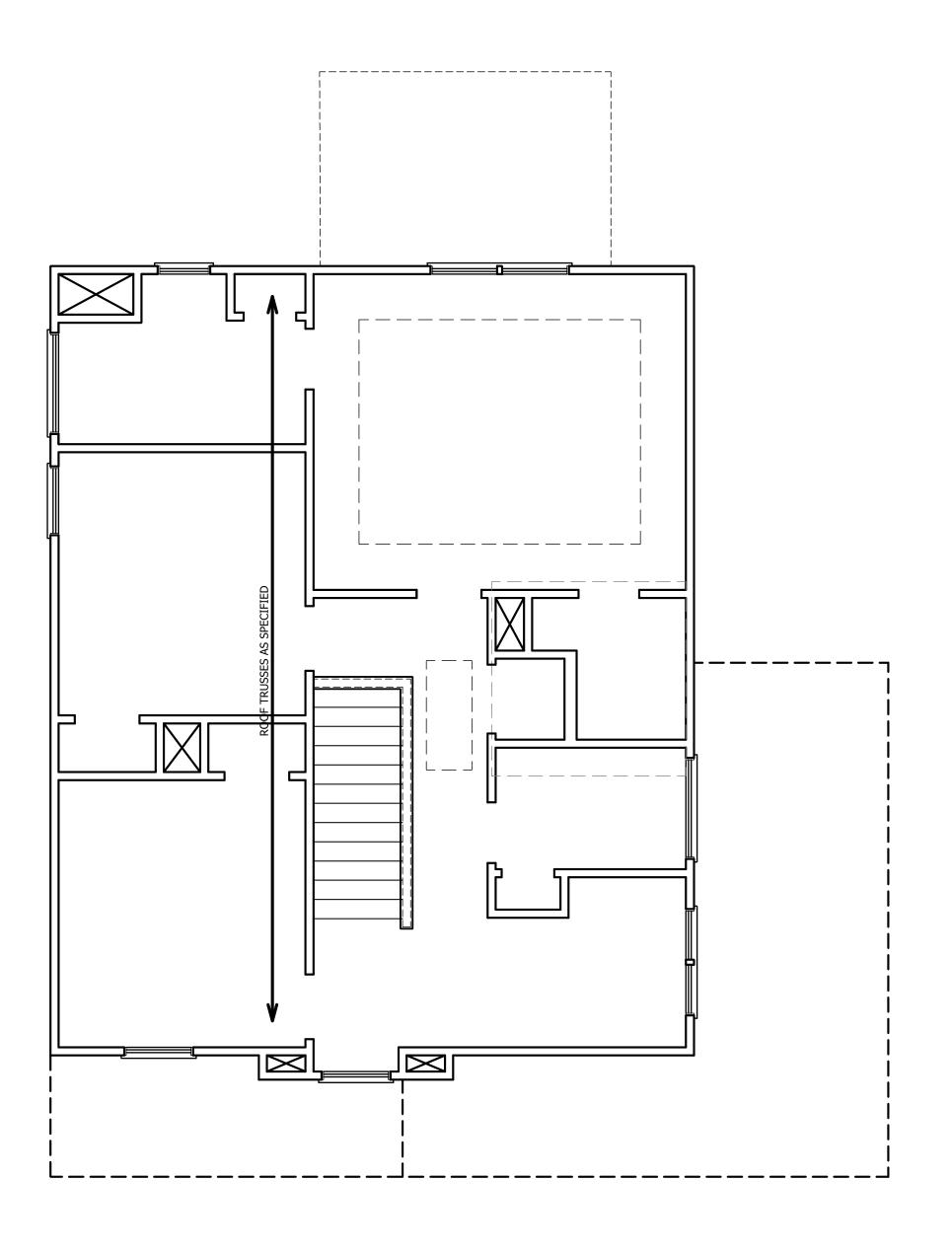


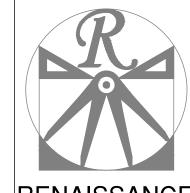
TABLE R602.7.5 MINIMUM NUMBER OF FULL HEIGHT STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS

	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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DATE: FEBRUARY 19, 2021

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

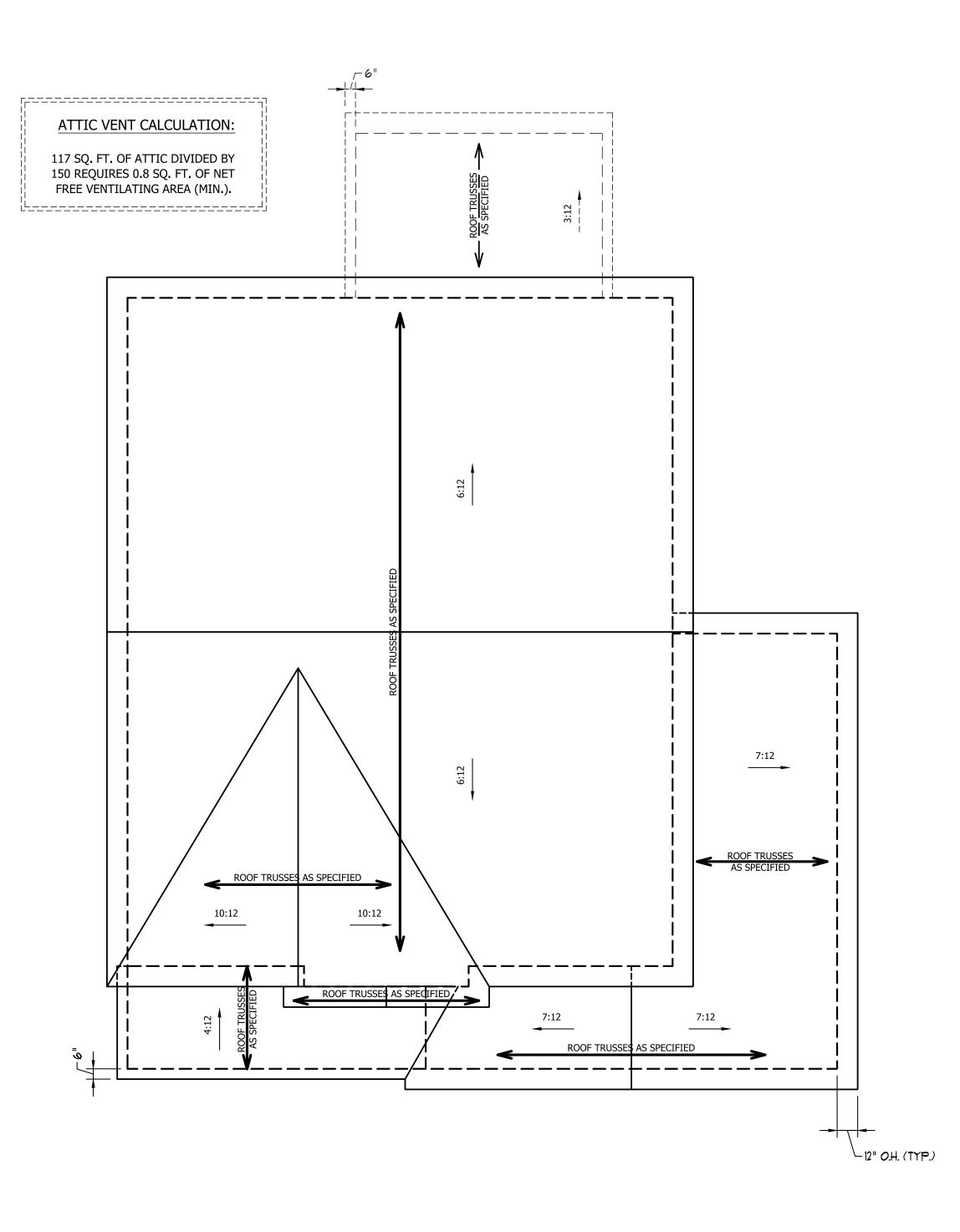
ENGINEERED BY:

REVIEWED BY:

ATTIC FLOOR FRAMING PLAN

S-3

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

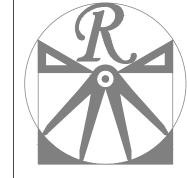


ATTIC VENT CALCULATION:

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

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

ENGINEERED BY:

REVIEWED BY:

ROOF PLAN

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

