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

LEFT ELEVATION

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

- GENERAL NOTES

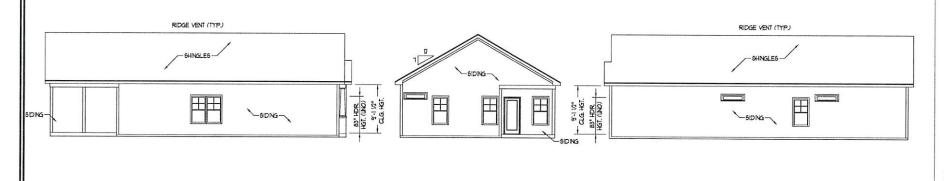
  1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AND REGULATIONS.

  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 SITE REQUIREMENTS.



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



REAR ELEVATION

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

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

RIGHT ELEVATION

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

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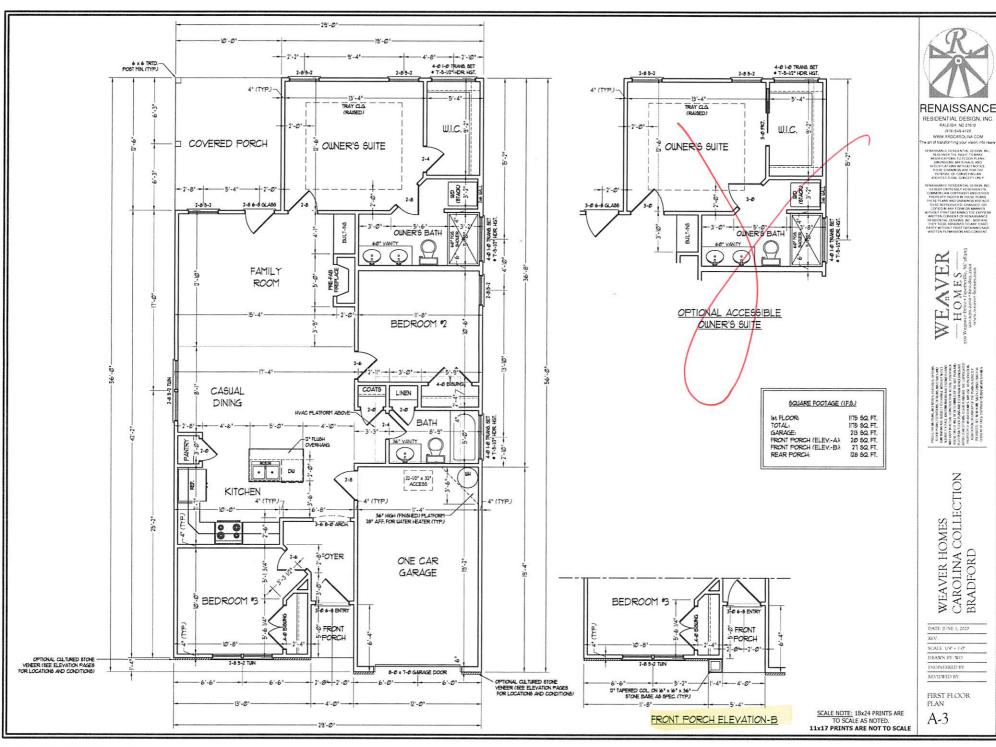
DATE JUNE 1, 2020

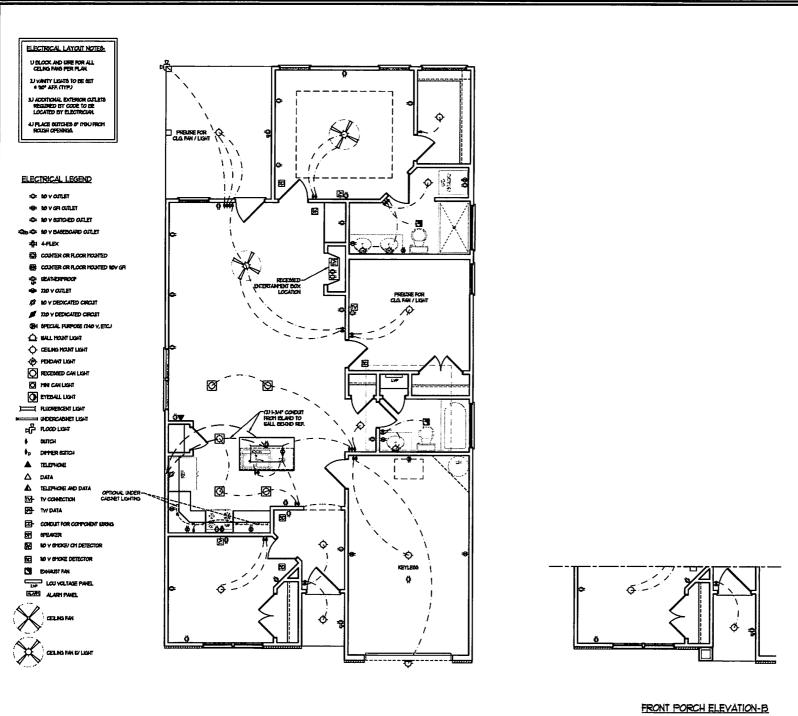
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B - ELEVATIONS

A-2







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DATE JUNE 1, 2020

SCALE 1/4" - 1'0"

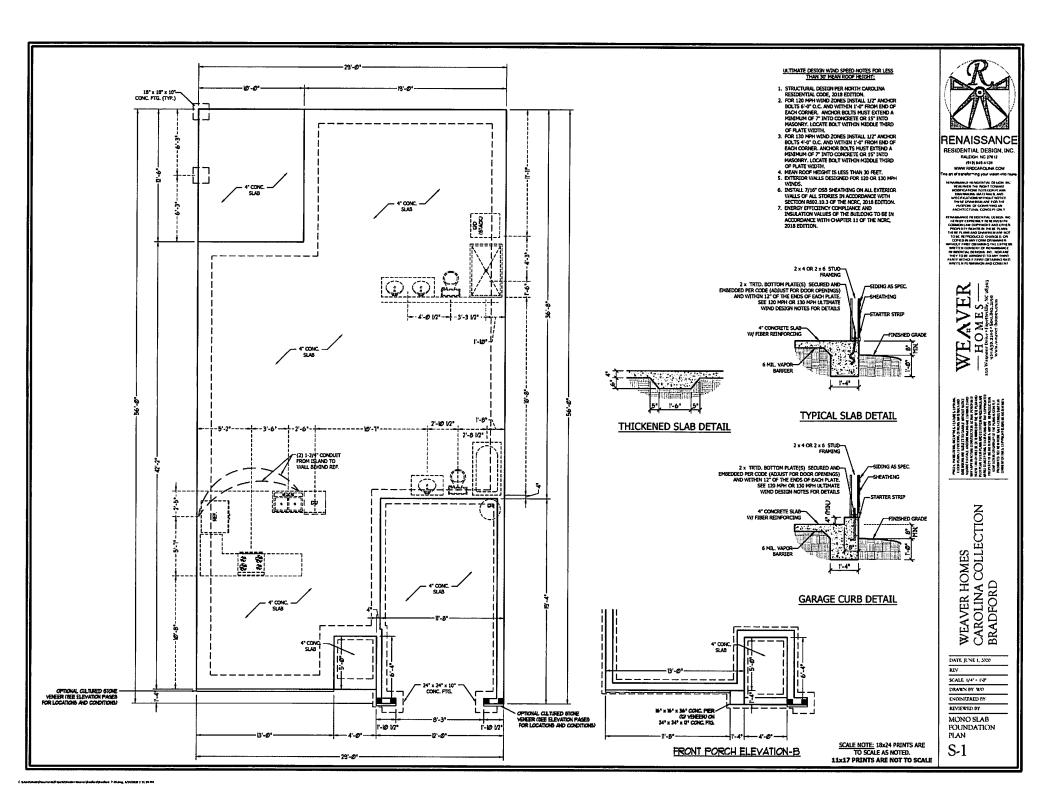
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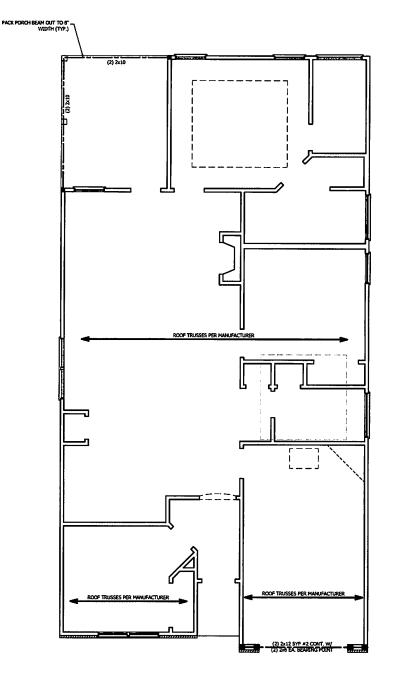
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FIRST FLOOR ELECTRICAL PLAN

E-1

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





#### 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. INSTALL AN EPITA, JOIST WODER WALLS PARALLEL TO FLOOR XOISTS
  4. WINDOW AND DOOR HEADERS TO BE SUPPORTED BY (1) MICK STILD AND (1) KING STILD BA. END (UNO.), SEE TABLE R602.7.5 FOR ADDITIONAL KING STILD
- REQUIREMENTS.

  SQUARES DEMOTE POINT LOADS WHICH REQUIRE SOLID BLOODING TO GIRDER OR FOUNDATION. ALL SQUARES TO BE (1) STUDS (UNC.)

  ALL 4.4 R POTS SWALE BE ANCHORED TO SUARS WISDPSON ABU44 POST BASES (OR EQUAL) (MIND). ALL 4.4 X 4 MID 4.8 FOR TOTS TO BE INSTALLED WITH 70.0 I COPACTY UNITY COMPETIONS.
- AT TOP (UNC).

  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

### **BRACE WALL PANEL NOTES:**

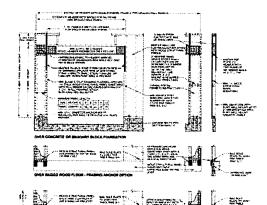
EXTERIOR WALLS: ALL EXTERIOR WALLS TO BE SHEALTHED WITH CS-WSP OR CS-SFB IN ACCORDANCE WITH SECTION R602.10.3 UNLESS NOTED OTHERWISE.

REQUIRED LENGTH OF BRACING: REQUIRED BRACE WALL LENGTH REQUIRED LENGTH OF BRACHING; REQUIRED BRACH WALL LENGTH FOR EACH SIDE OF THE CIRCUMSCRIBED RECTANGLE ARE INTERPOLATED PER TABLE REQ.2.10.1. METHODS CS-VISP AND CS-59 CONTRIBUTE THER ACTUAL LENGTH, METHOD OF CONTRIBUTES 9.5 ITS ACTUAL LENGTH, METHOD OF CONTRIBUTES 1.5 TIMES ITS ACTUAL LENGTH, METHOD OF 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 OB GYPSUM TO BE FASTENED PER TABLE R702.3.5. METHOD GB TO BE FASTENED PER TABLE R602.10.1.

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

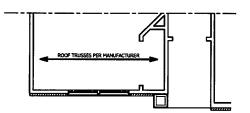
METHODS: PER TABLE R602.10.1



nch = 25.4 mm 1 toot = 305 mm, 1 tb = 4.45 N

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FIGURE R602.10.1 METHOD PF-PORTAL FRAME CONSTRUCTION



FRONT PORCH ELEVATION-B

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



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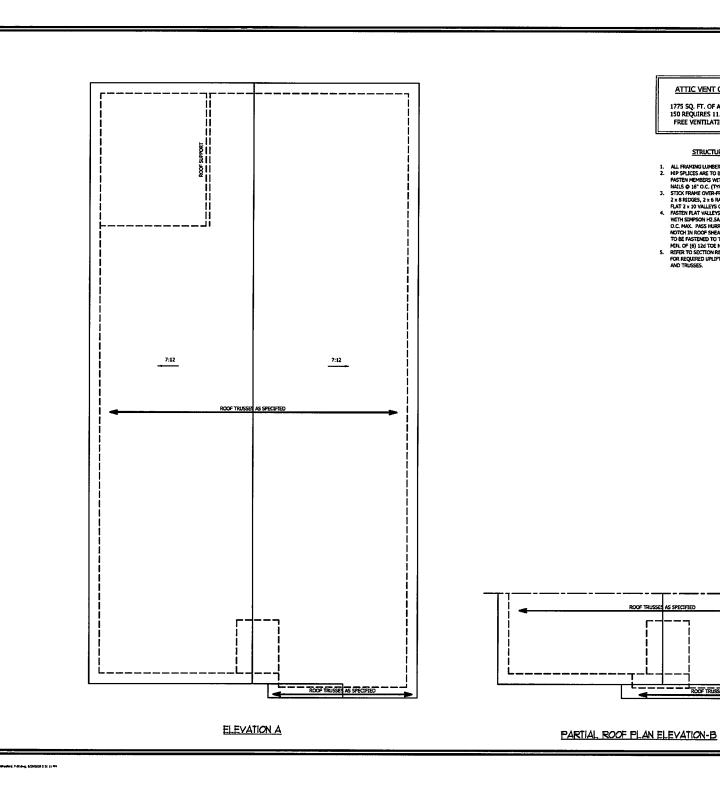
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SECOND FLOOR

FRAMING PLAN

S-2



FREE VENTILATING AREA (MIN.).

### STRUCTURAL NOTES:

- 1. ALL FRANDAG LIMBER TO BE 92.5PF (UNO).
  2. MIP SPLICES ARE TO BE SPACED A NULL OF 8-07.
  FASTEN MEMBERS WITH THER ROWS OF 120
  NALLS 0 16" O.C. (TIV?).
  3. STICK FRAND COMPANIED ROOF SECTIONS W/
  2.x BRIDGES, 2.x B RAFTERS 0 16" O.C. AND
  FLAT 2.x D VALLETS OR USE WILLEY TRUSSES.
  4. FASTEN H.AT VALLETS TO RAFTERS OR TRUSSES
  WITH SURPOON ID-SA MERITICANE TIES 3 THOUGH
  NOTH IN ROOF SHEATHING. EACH RAFTER IS
  TO BE FASTENED TO THE FLAT VALLEY WITH A
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  MIN. OF 01 JEZ TO THE MIN.
- MIN. OF (6) 12d TOE NAILS.

  5. REFER TO SECTION R802.11 OF THE 2018 NORC FOR REQUIRED UPLIFT RESISTANCE AT RAFTERS AND TRUSSES.

ROOF TRUSSES AS SPECIFIED

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

# ATTIC VENT CALCULATION:

1775 SQ. FT. OF ATTIC DIVIDED BY 150 REQUIRES 11.8 SQ. FT. OF NET

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SCALE: 1/4 - 1'0"

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ROOF PLAN

S-3

