

# FRAMING SHEET

RIVERS ENGINEERING, LLC  
 GREGORY P. RIVERS, PE, FL #35800  
 1-863-272-4516  
 20772 NW 252ND ST. HIGH SPRINGS FL 32643

STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE 2020 FLORIDA BUILDING CODE. SIGNATURE/SEAL ON ANY SHEET IS VALID ONLY FOR THE STRUCTURAL DESIGN, OR TO INDICATE CONFORMANCE WITH THE STRUCTURAL. THIS ITEM HAS BEEN DIGITALLY SEALED BY GREG P. RIVERS PE ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Gregory P. Rivers  
 Digitally signed by Gregory P. Rivers  
 Date: 2023.09.05 08:17:51 -04'00'



DATE-9-1-23  
 REVISED  
 DRAWING#

SCALE-NA  
 DRAWN BY- JASON HEMENWAY 352-493-9613/221-2467  
 APPROVED

**NOTE:**

ALL EXTERIOR HORIZONTAL WALL SEGMENTS THE FULL HEIGHT OF THE STRUCTURE NOT CONTAINING OPENINGS AND OVER 2" IN LENGTH ARE SHEARWALLS. ALL SHEARWALLS SHALL HAVE 2 STUDS AND AN ANCHOR BOLT W/ 2" WASHER WITHIN 2" OF STUD AT EACH END OF EACH VERTICAL WALL SEGMENT.

THE CAPACITY OF THE TRUSS CONNECTORS SHALL BE VERIFIED BY THE CONTRACTOR TO EXCEED THE LOADS PROVIDED IN THE TRUSS ENGINEERING.

OPENING SIZES AND LOCATIONS SHALL NOT BE CHANGED WITHOUT THE CONSENT OF THE ENGINEER OF RECORD DUE TO AFFECT ON SHEARWALL CALC.

AT ALL PORCHES PROVIDE 1/2" HIGH TENSILE STRENGTH OR 5/8 GYPSUM BOARD OR 1/2" 32 PLYWOOD OR 7/16 OSB DIAPHRAGM ON BOTTOM SIDE OF TRUSSES FASTENED W 8D NAILS AT 6" OC. AT EDGES AND 12" INTERMEDIATE FRAMING 5/8 GYPSUM SHALL BE FASTENED W SCREWS 4" OC. AT EDGES AND INTERMEDIATE SUPPORTS OR STRIP W 3/4 X 2 1/2 W/ 2-120 NAILS EACH TRUSS 2" OC MAX AND ATTACH METAL AS PER MANF. SPECS

THREADED ROD WITH EPOXY EMBED SYSTEM NOTES DESIGN BASED ON ICC-ES REPORT ESR-1772

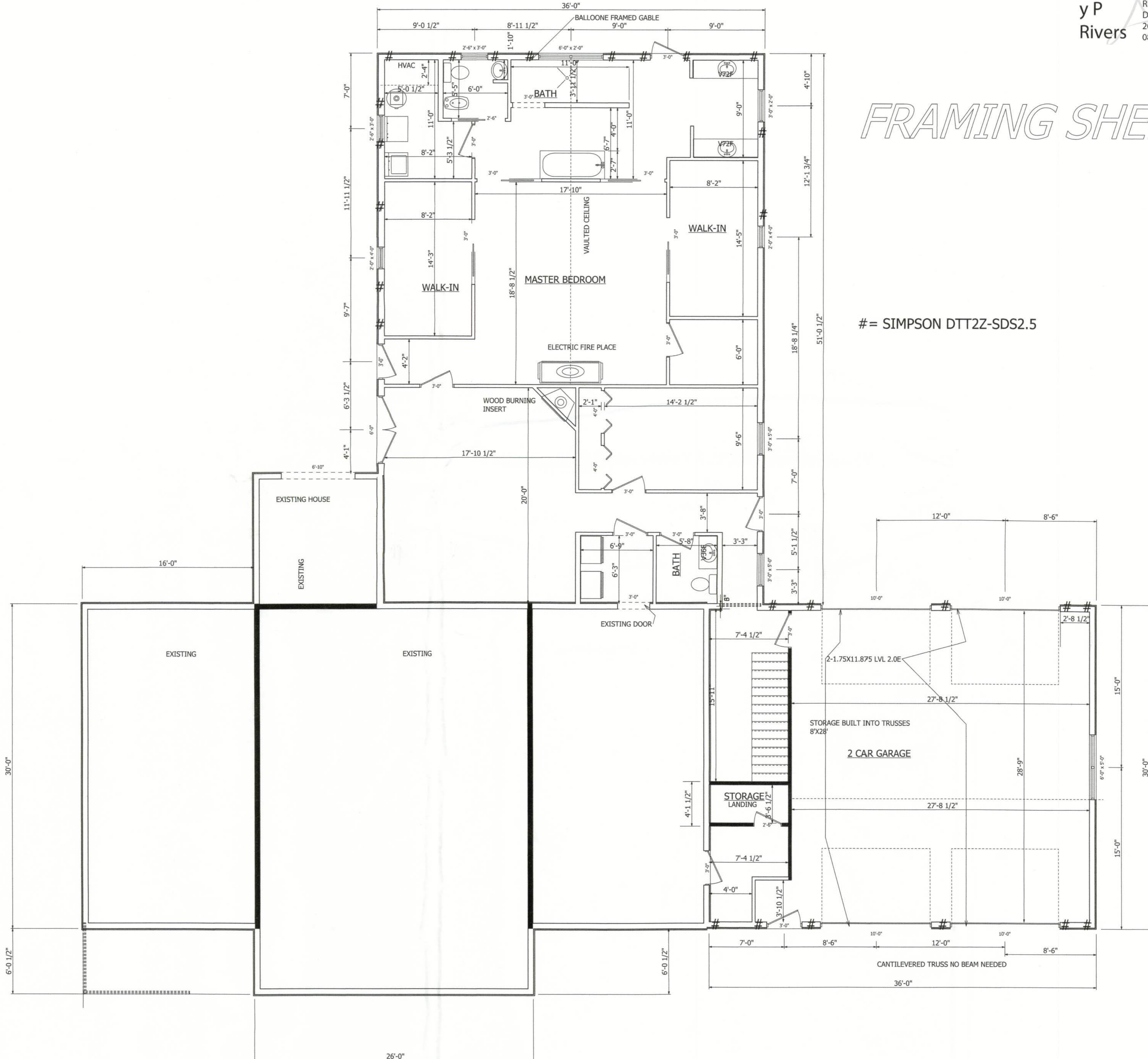
FLORIDA APPROVAL CODE: FLS530  
 1/2" THREADED ROD SHALL BE EMBEDDED INTO THE SLAB W SIMPSON SET EPOXY A MIN OF 6".  
 THREADED ROD SHALL BE A307 STEEL.  
 MAINTAIN MIN EDGE DISTANCE 1 3/4" FROM EDGE OF SLAB MEASURED FROM CENTERLINE OF THE ROD. IF ROD LOCATION IS IN CURBED AREA, THE EMBEDMENT DISTANCE IS FROM BOTTOM OF THE CURB. ADHESIVE ANCHORS SHALL NOT BE INSTALLED IN CONC. LESS THAN 7 DAYS OLD. ANCHORS ARE INTENDED TO BE INSTALLED PERPENDICULAR TO THE SURFACE (FOR 6 DEG. FROM VERTICAL). THE ROD IS DESIGNED TO BE CONT. FROM THE EMBEDMENT DEPTH THROUGH THE TOP PLATE. PROVIDE 3X3X1/4" WASHER TYP. UNLESS NOTED OTHERWISE. NUTS AND WASHERS AT REQUIRED AT TOP PLATE UNLESS NOTED OTHERWISE. RODS ADJACENT OF GIRDER TRUSSES SHALL BE PLACED WITHIN 6" OF THE TRUSS BEARING LOCATION. IF CONFLICTS ARE IN THE FIELD AT ROD LOCATION SPECIFIED, THE ROD LOCATION INDICATED ON THE DRAWING MAY VARY UP TO 8" TO ACCOMMODATE FRAMING EXCEPT IN TRUSS GIRDER.

**CORNER STUD DETAIL**

3- STUDS NAILED ONE TO ANOTHER IN STAGGERED PATTERN W 12D NAILS 12" OC. AND STUD FROM WALL IN OTHER DIRECTION NAILED W 12D NAILS 12" OC

**ROOF VENTILATION NOTE**

MIN AREA OF ROOF REQUIRED BY FBC R806.2 SHALL NOT BE LESS THAN 1 TO 150 OF THE AREA OF ROOF SPACE TO BE VENTILATED.



# FRAMING SHEET

SHEET 2 OF 7

FIRST FLOOR HEATED SQFT-1936  
 BONUS ROOM SQFT-224  
 GARAGE SQFT-1067  
 COVERED PORCH -  
 TOTAL SQFT-3227

DRAWN FOR-DON WALLACE  
 COUNTY -COLUMBIA  
 CONTRACTOR -SELF