

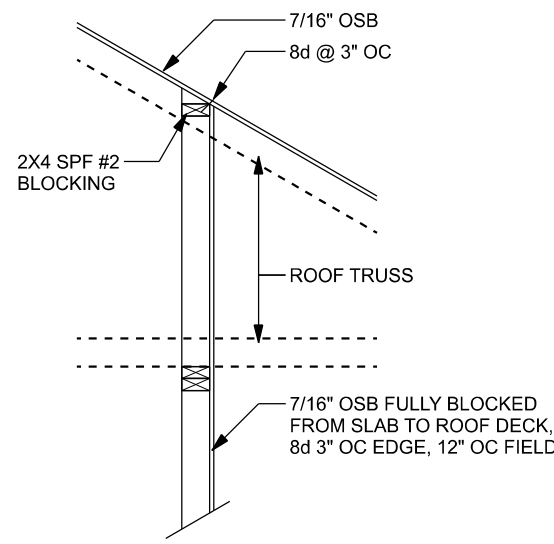
SCALE: 1/4" = 1'-0"

FN - 1	DIMENSIONS ON FOUNDATION & STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL PLANS FOR ACTUAL DIMENSIONS. RECESSES IN SLAB, WALLS, CHIMNEYS, ETC. DITCHES, DRAINAGE OR MARK DISOWAY PLE IS NOT RESPONSIBLE FOR DIMENSION ERRORS ON THIS PLAN.
FN - 2	CONTRACTOR SHALL BE RESPONSIBLE FOR INTERIOR BEARING IN ALL STEPS BY REVIEWING THE ROOF TRUSS PLAN (BY THE SUPPLIER) BEFORE FINALIZING FOUNDATION PLAN
FN - 3	THE SLAB SHALL BE: 4" CONCRETE SLAB REINFORCED W/ 6X6" 1/2" WELDED W/ 6" LAPS SEATED W/ 1/2" DEPTH OR FIBER MESH CONCRETE, 1" MIL POLY VAPOR BARRIER W/ 6" LAPS SEATED W/ POLY TAPED OVER TERMITE-TREATED & COMPACTED FILL SOIL. ANY OTHER METHOD OF COVERED TERMITE-TREATMENT METHOD CAN BE USED INSTEAD)

MASONRY NOTE:
MASONRY CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 530.1/ASCE 6/TMS 602). THE CONTRACTOR AND MASON MUST IMMEDIATELY, BEFORE PROCEEDING, NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN ACI 530.1-02 AND THESE DESIGN DRAWINGS. ANY EXCEPTIONS TO ACI 530.1-02 MUST BE APPROVED BY THE ENGINEER IN WRITING.

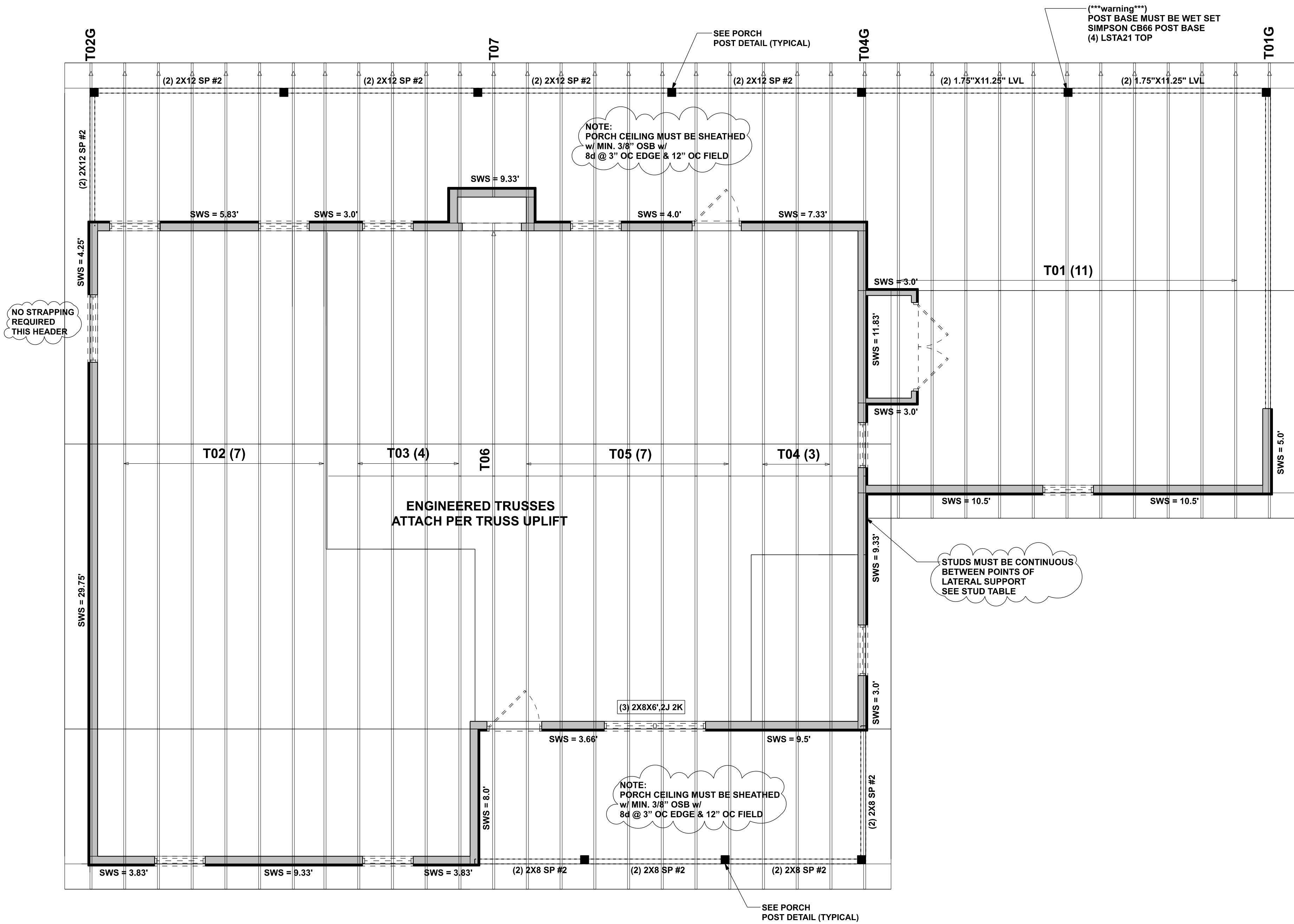
	AC1090-1.02 Section	Specific Requirements
1.4A	Compressive strength	8" block bearing walls $F_m = 1500$ psi
2	Mortar	ASTM C 290, Type N KUNO
2.2	Grout	ASTM C 476, admixtures require approval
2.3	CMU standard	ASTM C 90-02, Normal weight, Hollow, medium surface finish, 8"x8"x16" nunning bond, 12"x12"x or 16"x16" column block
2.3	Clay brick standard	ASTM C 216-02, Grade SW, Type FBS, .50" x 7 1/2" x 11.5"
2.4	Reinforcing bars, #3-#11	ASTM A615, Grade 40, $F_y = 40$ ksi, Lap splices min 40 bar dia. (25" for #5)
2.4F	Coating for corrosion protection	Anchor, steel metal ties completely embedded in mortar or grout. ASTM A525, Class 80, 0.60 oz/wt or 304SS
2.4F	Coating for corrosion protection	Joint reinforcement in walls exposed to weather. Steel ties, anchor, steel metal ties not completely embedded in mortar or grout. ASTM A153, Class B2, 1.50 oz/wt or 304SS
3.3.E.2	Pipes, conduits, and accessories	Any not shown on the project drawings require engineering approval
3.3.E.7	Movement joints	Contractor assumes responsibility for type and location of movement joints if not detailed on project drawings.

S-2
OF 3 SHEETS



ALTERNATE IF TRUSSES
ARE PERPENDICULAR TO SHEARWALL

NOTE:
IF THE ABOVE DETAIL IS USED
ON THE REAR WALL @ THE PORCH
THE PORCH CEILING DOES NOT
NEED TO BE SHEATHED



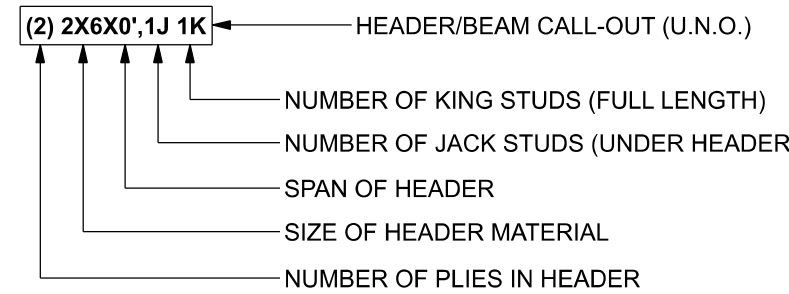
STRUCTURAL PLAN

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

STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X8 SP #2 (U.N.O.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
- SN-3 ALL HEADERS w/ UPLIFT TO BE STRAPPED DOWN @ EACH SIDE WITH (1) LSTA24, 14-10d @ TOP & BOTTOM OF WALL WRAP UNDER BOTTOM PLATE & OVER TOP PLATE 1/2" X 10" ANCHOR BOLT w/ 3" X 3" X 1/4" WASHER MUST BE LOCATED WITHIN 6" OF KING STUD @ ALL DOOR LOCATIONS (U.N.O.)
- SN-4 USE ONE JACK STUD GIRDER SUPPORT PER 2500 LB LOAD
- SN-5 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- SN-6 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BCSI1-03, BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

HEADER LEGEND



ACTUAL vs REQUIRED SHEARWALL

	TRANSVERSE	LONGITUDINAL
ACTUAL	17078 LBF	20793 LBF
REQUIRED	15323 LBF	9769 LBF

CONNECTIONS, WALL, & HEADER DESIGN IS BASED
ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING
FURNISHED BY BUILDER. BUILDERS FIRST SOURCE
JOB #2365612

Amira Custom Homes

Ponder Res.

PROJECT ADDRESS:
Parcel #10071-001 on SW Mapleton St.
Columbia County, FL

DIMENSIONS:
Stated dimensions supercede scaled
dimensions. Refer all questions to
Mark Disosway, P.E. for resolution.
Do not proceed without clarification.

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CERTIFICATION: I hereby certify that I have
examined this plan, and that the applicable
portions of the plan, relating to wind engineering
comply with the 6th Edition Florida
Building Code Residential (2017)
to the best of my knowledge.

LIMITATION: This design is valid for one
building, at specified location.

MARK DISOSWAY P.E. 53915

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Monday, August 3, 2020

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JOB NUMBER:
200831

S-3
OF 3 SHEETS