

ROOF VENTILATION:

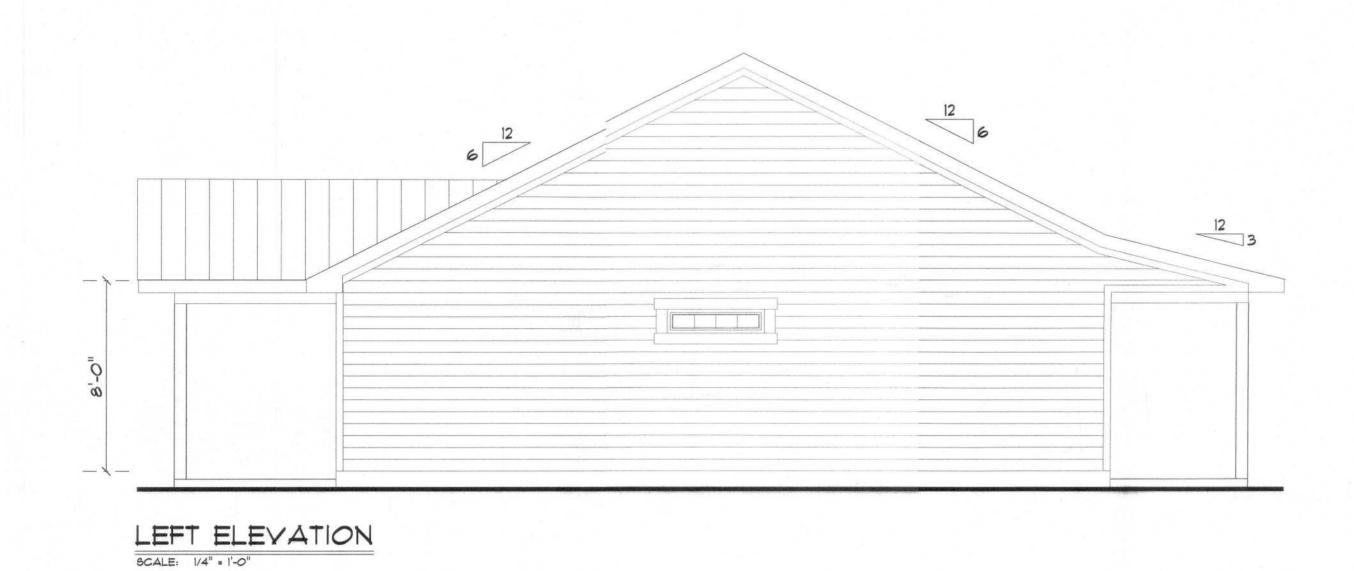
R806.2 Minimum vent area.
The minimum net free ventilating area shall be 1/150 of the area of the vented space. Exception: The minimum net free ventilation area shall be 1/300 of the vented space provided one or more of the following conditions are met:

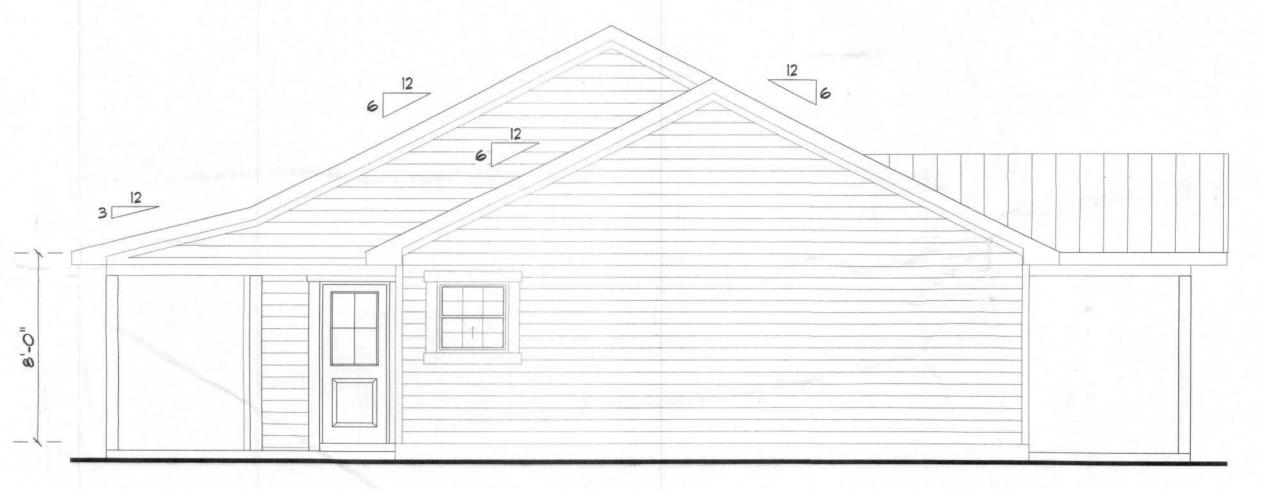
In Climate Zones 6, 7 and 8, a Class I or II vapor retarder is installed on the warm-in-winter side of the ceiling.

2. At least 40 percent and not more than 50 percent of the required ventilating area is provided by ventilators located in the upper portion of the attic or rafter space. Upper ventilators shall be located no more than 3 feet below the ridge or highest point of the space, measured vertically, with the balance of the required ventilation provided by eave or cornice vents. Where the location of wall or roof framing members conflicts with the installation of upper ventilators, installation more than 3 feet below the ridge or highest point of the space shall be permitted.

FRONT :LEVATION

SCALE: 1/4" = 1'-C





RIGHT ELEVATION



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



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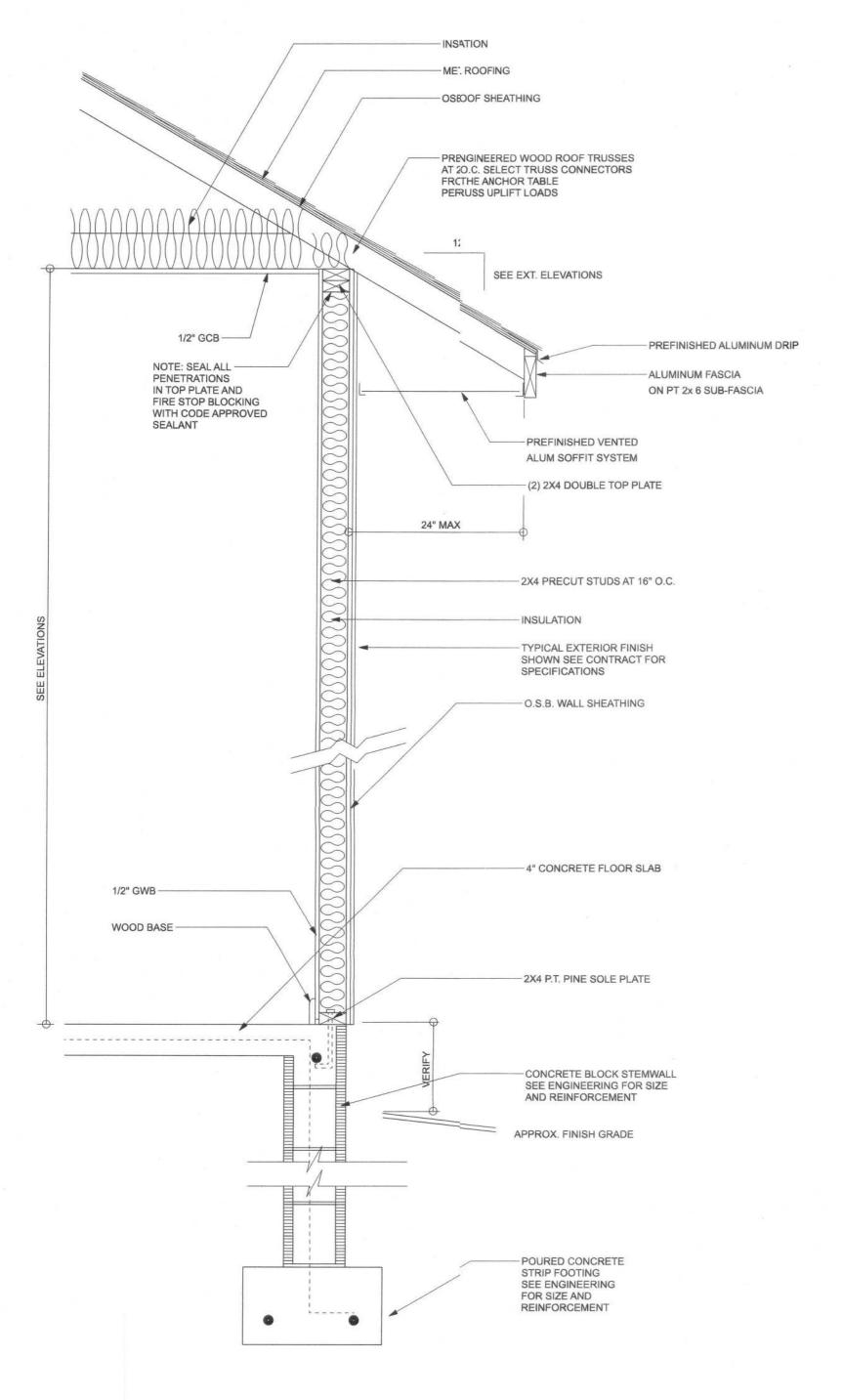
Mark Disosway P.E. 163 SW Midown Place Suite103 Lake City, Florida 32025 386.754.5419 disoswaydesign@gmail.com

Wednesday, Juy 14, 2021

JOB NUMBER: 200777

OF 6 SHEETS

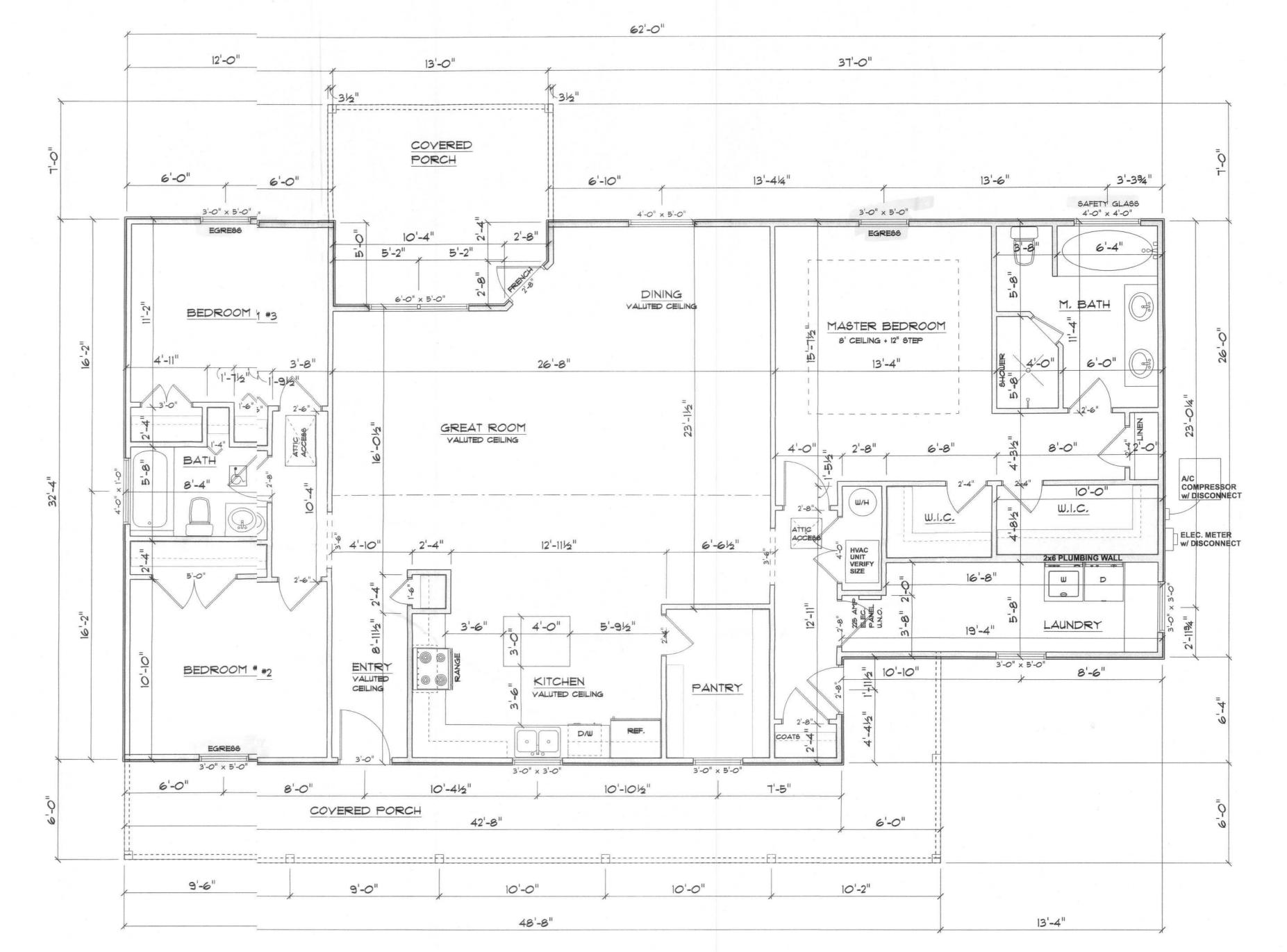
SCANNED



TYPICAL DESIGN WALL SECION NON - STRUCTURAL DATA

SCALE:

1" = 1'- 0"



FLOOR PLAN SCALE: 1/4" = 1'-0" ALL CEILING HEIGHTS; TO BE 8'-0" UNLESS NOTED OTHERWISE

AREA SCHEDULE AREA NAME 1820.8 sq ft. Rear Porch 156.5 sq ft. Front Porch 330 sq ft. Total Under Roof 2307.3 sq ft.

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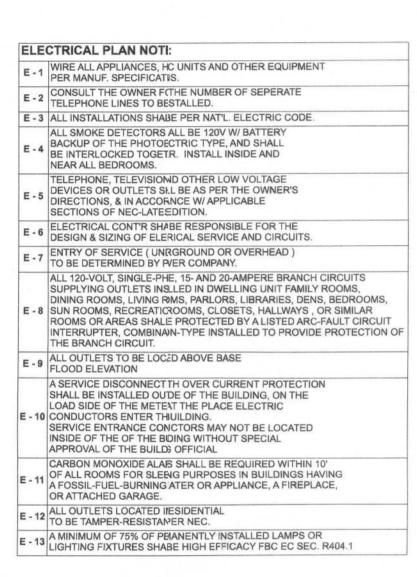
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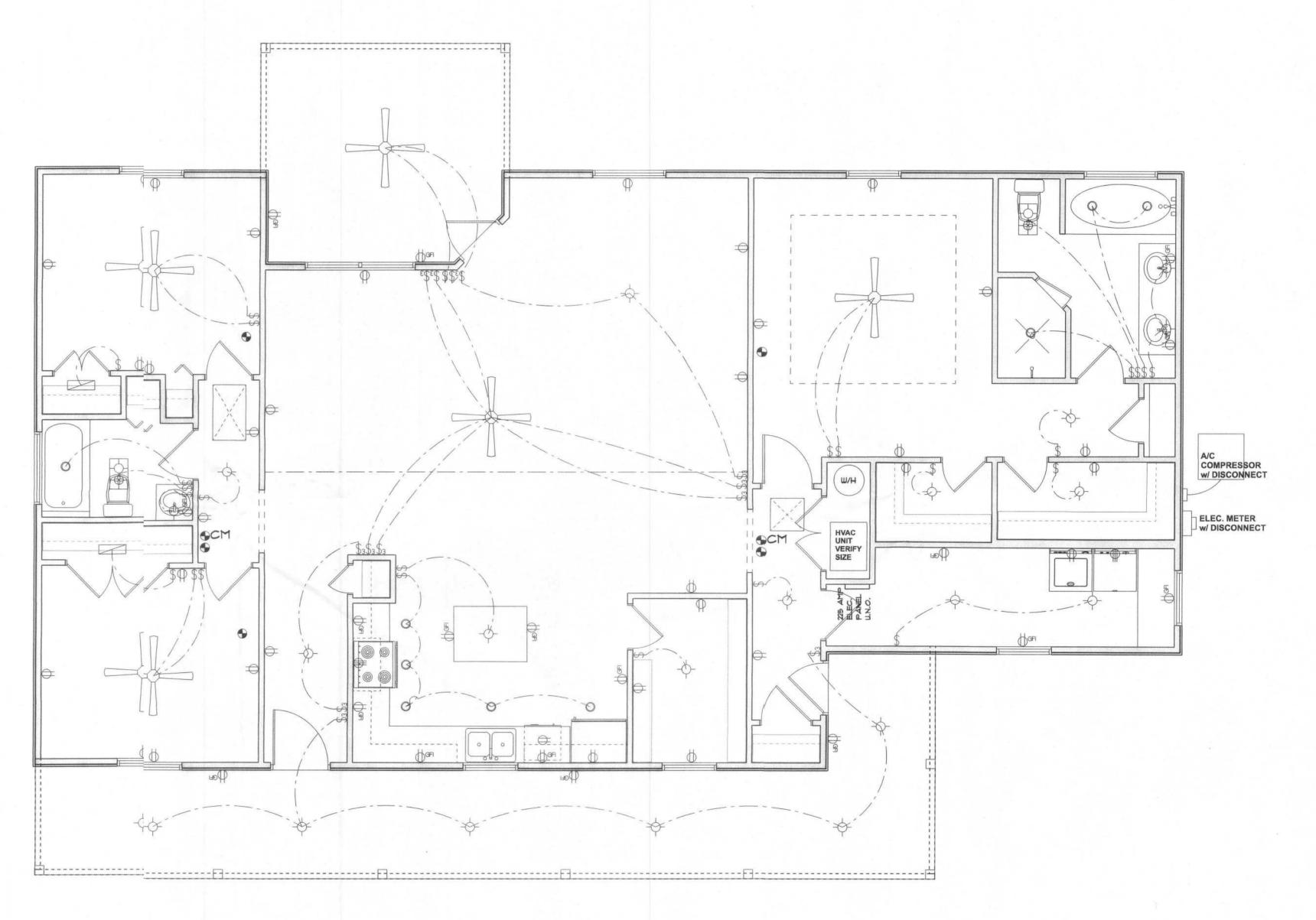
Wednesday July 14, 2021

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> JOB NJMBER: 200777 OF 6 SHEETS



	ELERICAL LEGEND
	CEILINIAN (PRE-WE FOR LIGHT KIT)
QP	DOUBLIECURITY LIGHT
	2X4 FLIRESCENT LIGHT ITURE
0	RECESO CAN LIGHT
→	BATH EUST FAN WITH LIT
₩	BATH EUST FAN
	LIGHT FURE
Ф	DUPLEXUTLET
•	220v OLET
₩an	GFI DUEX OUTLET
•	SMOKE:TECTOR
\$	WALL STCH
\$3	3 WAY ILL SWITCH
\$4	4 WAY V.L SWITCH
₩P/GFI	WATER OOF GFI OUTLET
∇	PHONECK
Ø	TELEVIN JACK
P	GARAGIOOR OPENER
⊕CM	CARBONONOXIDE ALARM



ELECTRICAL PLAN

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

PROJECT ADDRESS:

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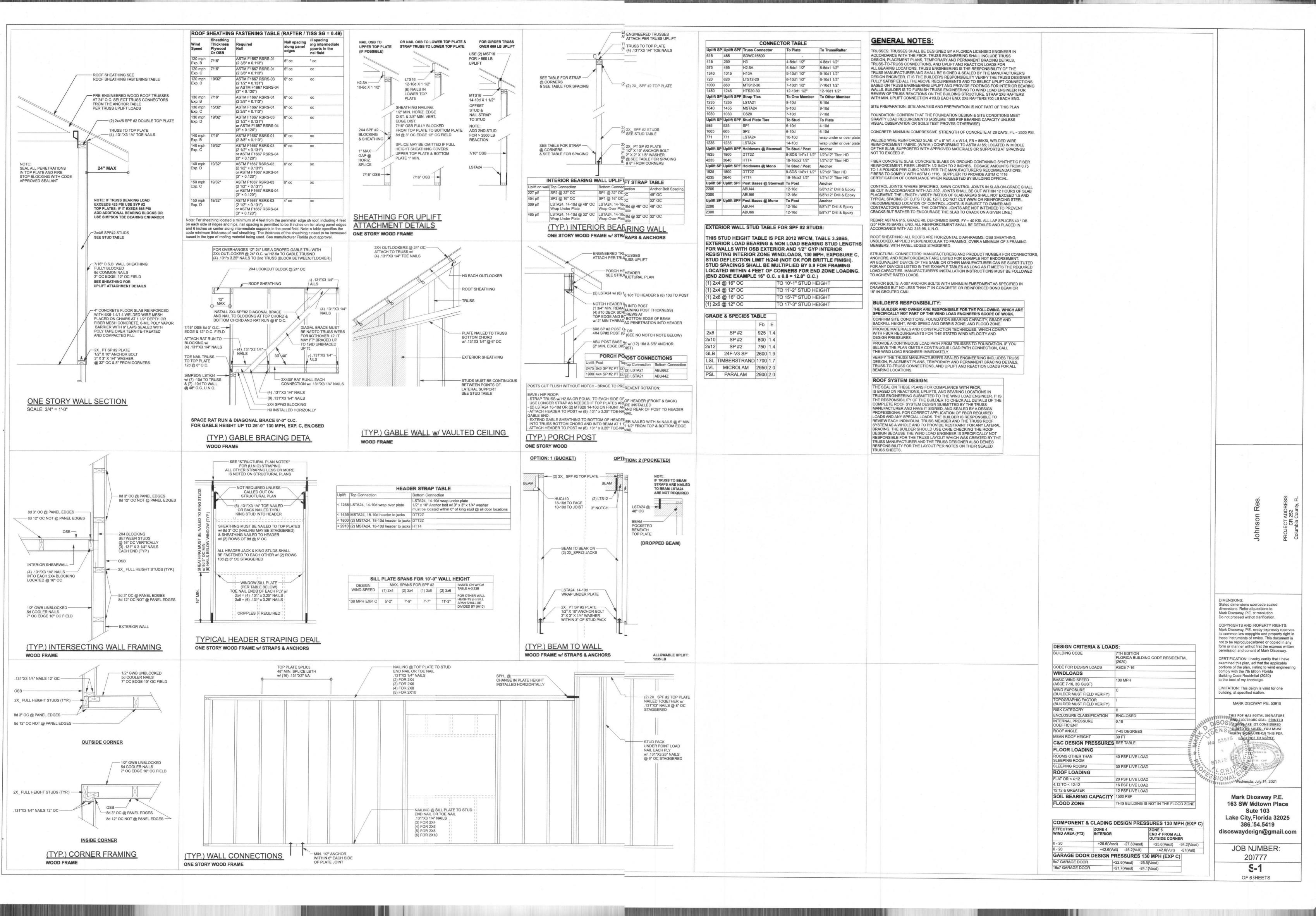
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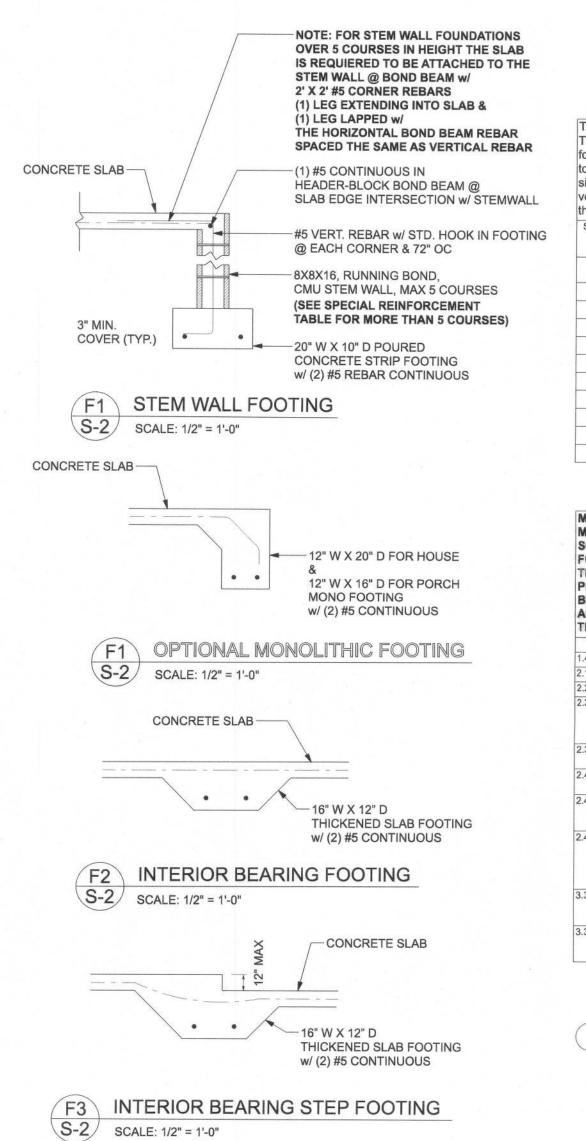
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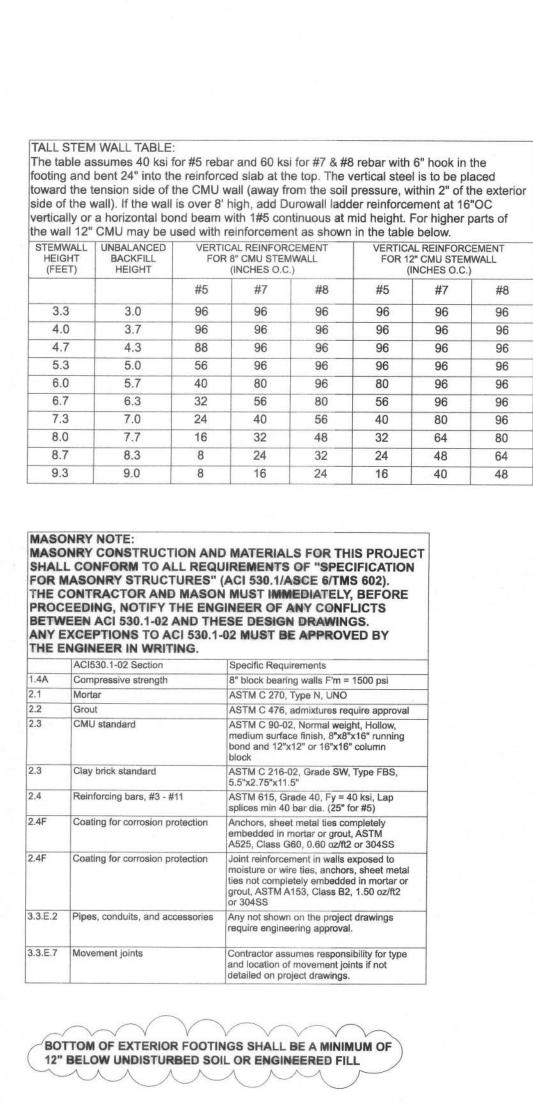
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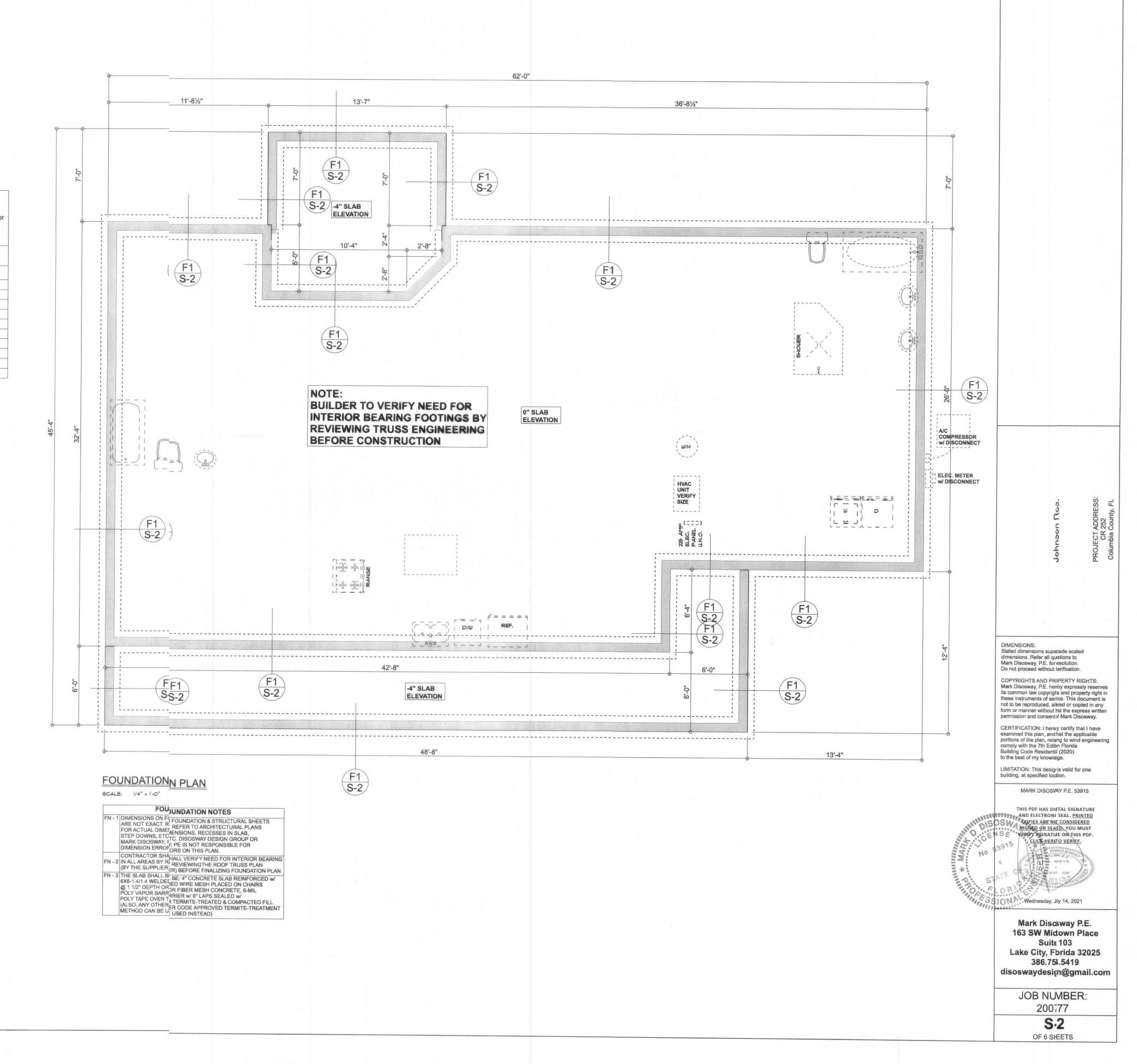
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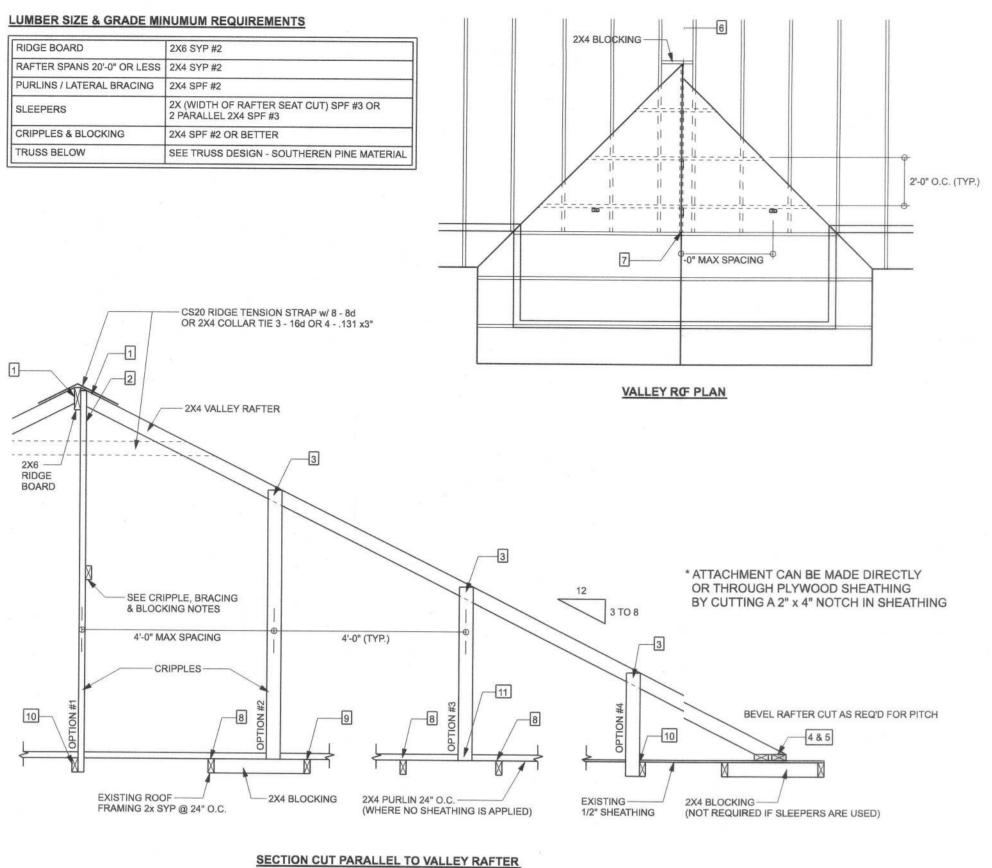
CF 6 SHEETS











ROOF OVER FRAMING & BRAING DETAIL

VALLEY ROOF PLAN MEMBER LEGEND

= = = TRUSS UNDER VALLEY FRAMING

= = = = = VALLEY RAFTER OR RIDGE

CRIPPLE

CONNECTION REQUIREMENT NOTES

CRIPPLES 4'-0" O.C. FOR 20 psf (TL) AND 10 psf (TD) (TYP. SHINGLE ROOF) MAX

1	2X4 RAFTERS TO RIDGE	3 -16d OR 6131 x 3" TOE NAILS
2	CRIPPLE TO RIDGE	3 - 16d OR 6131 x 3" FACE NAILS
3	CRIPPLE TO RAFTERS	3 - 16d OR 6131 x 3" FACE NAILS
4	RAFTER TO SLEEPER OR BLOCKING	6 -16d OR 12131 x 3" TOE NAILS
5	SLEEPER TO TRUSS	4 - 16d OR 8131 x 3" FACE NAILS EACH TRUSS
6	RIDGE BOARD TO ROOF BLOCK	3 -16d OR 6131 x 3" TOE NAILS
7	RIDGE BOARD TO TRUSS	3 -16d OR 6131 x 3" TOE NAILS
8	PURLIN TO TRUSS (TYP.)	3 -16d OR 6131 x 3" NAILS
8	PURLIN TO TRUSS (IF CRIPPLE IS ATTACHED TO PURLIN)	4 -16d OR 8131 x 3" NAILS
9	TRUSS TO BLOCKING	3 -16d OR 6131 x 3" END NAILS
10	CRIPPLE TO TRUSS	3 -16d OR 6131 x 3" FACE NAILS
11	CRIPPLE TO PURLIN	3 -16d OR 6131 x 3" FACE NAILS

GENERAL NOTES

MAXIMUM RAFTER SPANS 6'-0" FOR 2X4, 9'-0" FOR 2X6 SPF #2 OR SYP #2.

MAXIMUM ROOF AREA PER SUPPORT

16ft2 IN ZONES 2 & 3, 24ft2 IN ZONE 1. (EXAMPLE: 4'-0" O.C. X 4'-0" SPAN
= 16ft2 OR 2'-0" X 8'-0" SPAN = 16ft2)

PURLINS REQUIRED 2'-0" O.C. IF EXISTING SHEATHING IS REMOVED.

PURLINS SHOULD OVERLAP SHEATHING ONE TRUSS SPACING MINIMUM.

IN CASES THAT THIS IS IMPRACTICAL, OVERLAP SHEATHING A MINIMUM
OF 6", AND NAIL UPWARDS THROUGH SHEATHING INTO PURLIN WITH A

MINIMUM OF 8 - 84 COMMON WIPE NAILS.

MINIMUM OF 8 - 8d COMMON WIRE NAILS.

THIS DRAWING APPLIES TO VALLEYS WITH THE FOLLOWING CONDITIONS:
-SPANS (DISTANCS BETWEEN HEELS) 40'-0" OR LESS MAXIMÙM VALLEY HEIGHT: 14'-0" OR LESS

-MAXIMUM WIND SPEED: 130 MPH
- MAXIMUM MEAN ROOF HEIGHT: 30 FEET

MAXIMUM TOTAL LOADING: 40 psf

MEETS FBC 2020/ASCE 7-16 WIND REQUIREMENTS - EXPOSURE CATEGORY "C", I = 1.0, Kzt = 1.0 - ENCLOSED BUILDING

CRIPPLE, BRACING, & BLOCKING NOTES -2X4 CONTINUOUS LATERAL BRACE (CLB) MIN. IS REQUIRED FOR CRIPPLES 5'-0" TO 10'-0" LONG NAILED w/ 2 - 10d NAILS OR 2X4 "T" OR SCAB BRACE NAILD TO FLAT EDGE OF CRIPPLE WITH 8d NAILS @ 8" O.C. "T" OR SCAB MUST BE 90% OF CRIPPLE LENGTH. CRIPPLES OVER 10'-0" LONG REQUIRE TWO CLB'S OR BOTH FACES w/ "T" OR SCAB. USE STRESS GRADED LUMBER & BOX OR COMMON NAILS.

NARROW EDGE OF CRIPPLE CAN FACE RIDGE OR RAFTER, AS LONG AS THE PROPER NUMBER OF NAILS ARE

INSTALLED INTO RIDGE BOARD
- INSTALL BLOCKING UNDER RAFTER IF SLEEPERS ARE NOT USED. INSTALL BLOCKING UNDER CRIPPLES IF CRIPPLES FALL BETWEEN

LOWER TRUSS TOP CHORDS AND LATERAL BRACING IS NOT USED,
- APPLY ALL NAILING IN ACCORDANCE TO NDS-1997 SECTION 12. NAILS ARE COMMON WIRE

(2) 2X10 SP #2 (2) 2X10X6',2J 2K NOTE:

BUILDER TO VERIFY NEED FOR INTERIOR BEARING WALLS BY **REVIEWING TRUSS ENGINEERING BEFORE CONSTRUCTION**

ENGINEERED TRUSSES

SEE PORCH

POST DETAIL (TYPICAL)

ATTACH PER TRUSS UPLIFT

(2) 2X10 SP #2

SEE PORCH

POST DETAIL (TYPICAL)

HEADR LEGEND

STRUCURAL PLAN NOTES

ACH SIDE (U.N.O.)

SN-1 LL LOAD BEARING FRAME WALL & PORCH HEADERS HALL BE A MINIMUM OF (2) 2X10 SP #2 (U.N.O.)

LL LOAD BEARING FRAME WALL HEADERS

SN-3 (RAP UNDER BOTTOM PLATE & OVER TOP PLATE

IMENSIONS ON STRUCTURAL SHEETS

LOOR PLAN FOR ACTUAL DIMENSIONS

SN-5 RE NOT EXACT. REFER TO ARCHITECTURAL

/ITH (1) LSTA24, 14-10d @ TOP & BOTTOM OF WALL

'2" X 10" ANCHOR BOLT w/ 3" X 3" X 1/4" WASHER

SN-4 SE ONE JACK STUD GIRDER SUPPORT PER 2500 LB LOAD

ERMANENT TRUSS BRACING IS TO BE INSTALLED AT DCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS.

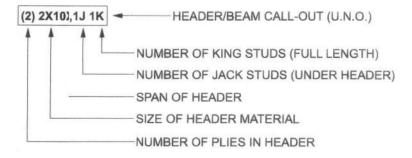
ATERAL BRACING IS TO BE RESTRAINED PER BCSI1-03,

CSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 RE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED

LL HEADERS w/ UPLIFT TO BE STRAPPED DOWN @ EACH SIDE

UST BE LOCATED WITHIN 6" OF KING STUD @ ALL DOOR LOCATIONS (U.N.O.)

SN-2 HALL HAVE (1) JACK STUD & (1) KING STUD



ACTUL vs REQUIRED SHEARWALL

	TRANSVERSE	LONGITUDUNAL
ACTUAL	19797 LBF	21156 LBF
REQUIR)	14070 LBF	10135 LBF

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

(2) 2X10 SP #2

NO STRAPPING

REQUIRED

THIS HEADER

(2) 2X10 SP #2 (2) 2X10 SP #2 (2) 2X10 SP #2

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HTT4 SHEAR WALL-

HOLD DOWN

disosway@sign@gmail.com JOB NUMBER:

Suite 103

Stated dimension supercede scaled

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S-3 OF6 SHEETS

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