

TYPICAL WALL SECTION
SCALE: 1" = 1'-0"



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



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

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS
February 15, 2022



FRONT & REAR ELEVATIONS
SCALE: 1/4" = 1'-0"

TYPICAL WALL SECTION
SCALE: 1" = 1'-0"

MODEL 1880 FOR: Lot 50, Emerald Cove
Glen and Tavia Weatherly
Property Address: 265 SW Fieldstone Court, Lake City Florida 32025
GIBALTAR CONTRACTING, LLC.
LIC# 1259633 HIGH SPRINGS, FLORIDA

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JOB NUMBER
20220216

SHEET NUMBER

A.1
OF 4 SHEETS



Will C. Myers



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



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

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REVISIONS
February 15, 2022



LEFT & RIGHT ELEVATIONS
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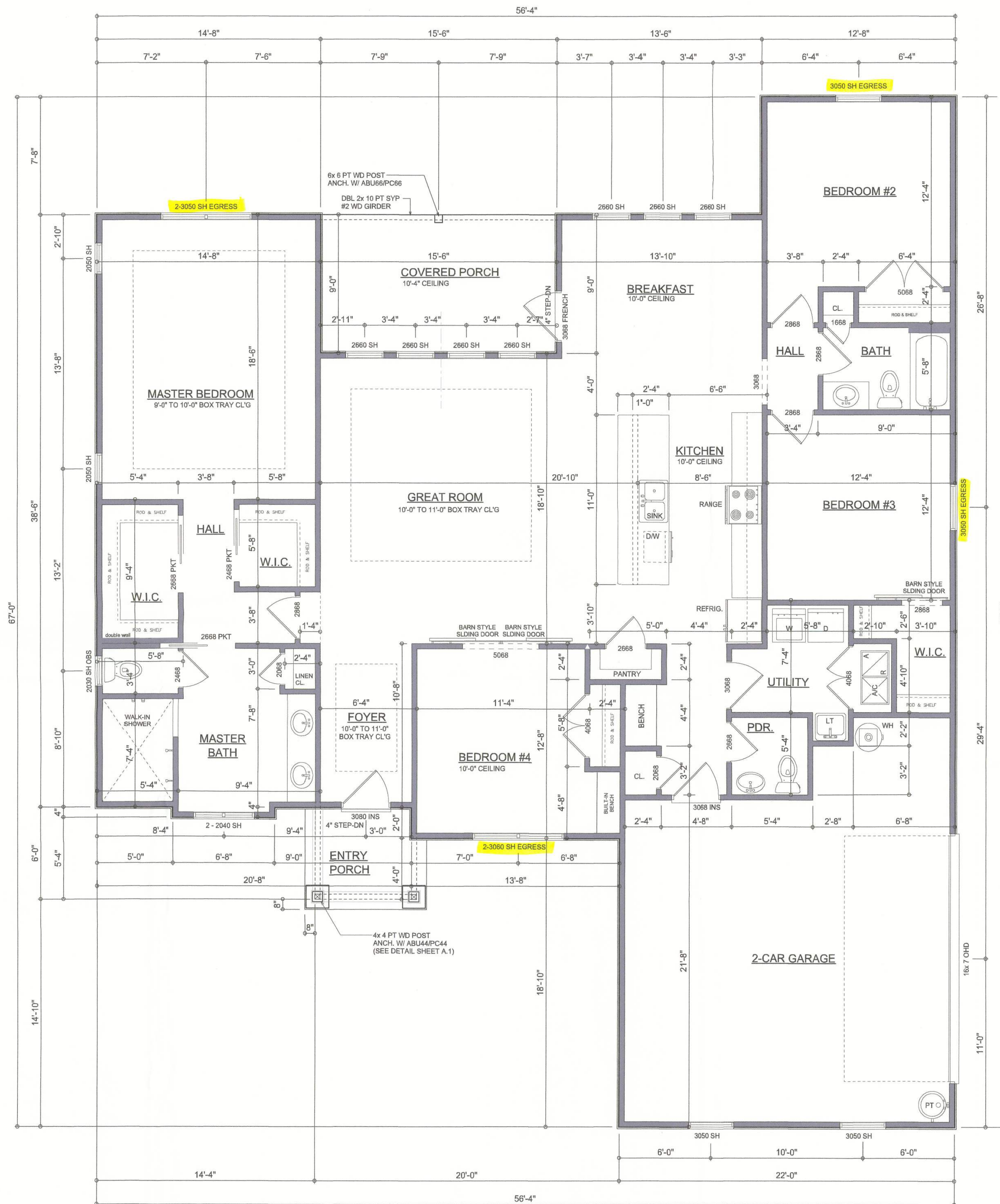
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A.2
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Will C. Myers



FLOOR PLAN

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

ALL CEILINGS SHALL BE 9'-0" UNLESS OTHERWISE NOTED

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

Garage fire separations shall comply with the following:

1. The private garage shall be separated from the dwelling unit and its attic area by means of a minimum 1/2-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch Type X gypsum board or equivalent. Door openings between a private garage and the dwelling unit shall be equipped with either solid wood doors, or solid or honeycomb core steel doors not less than 13/8 inches (34.9 mm) thick, or doors in compliance with Section 715.3.3. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted.
2. Ducts in a private garage and ducts penetrating the walls or ceilings separating the dwelling unit from the garage shall be constructed of a minimum 0.019-inch (0.48 mm) sheet steel and shall have no openings into the garage.
3. A separation is not required between a Group R-3 and U carport provided the carport is entirely open on two or more sides and there are not enclosed areas above.
4. When installing an attic access and/or pull-down stair unit in the garage, devise shall have a minimum 20 min. fire rating.

AREA SUMMARY

LIVING AREA	2,105	S.F.
GARAGE AREA	512	S.F.
ENTRY PORCH AREA	50	S.F.
COVERED PORCH AREA	140	S.F.
TOTAL AREA	2,807	S.F.

REVISIONS

April 28, 2022

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

DIMENSIONED FLOOR PLAN
SCALE: 1/4" = 1'-0"

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Wm C. Myers

ELECTRICAL LEGEND	
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	RECESSED CAN LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET (AFCI & TAMPER RESISTANT)
	220v OUTLET
	GFI DUPLEX OUTLET (PER NEC 406.8)
	TELEVISION JACK
	CIRCUIT FOR MINI-SPLIT A/C UNIT
	SMOKE / CARBON MONOXIDE DETECTOR (see note below)
	WALL SWITCH
	3 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	2 OR 4 TUB FLUORESCENT FIXTURE

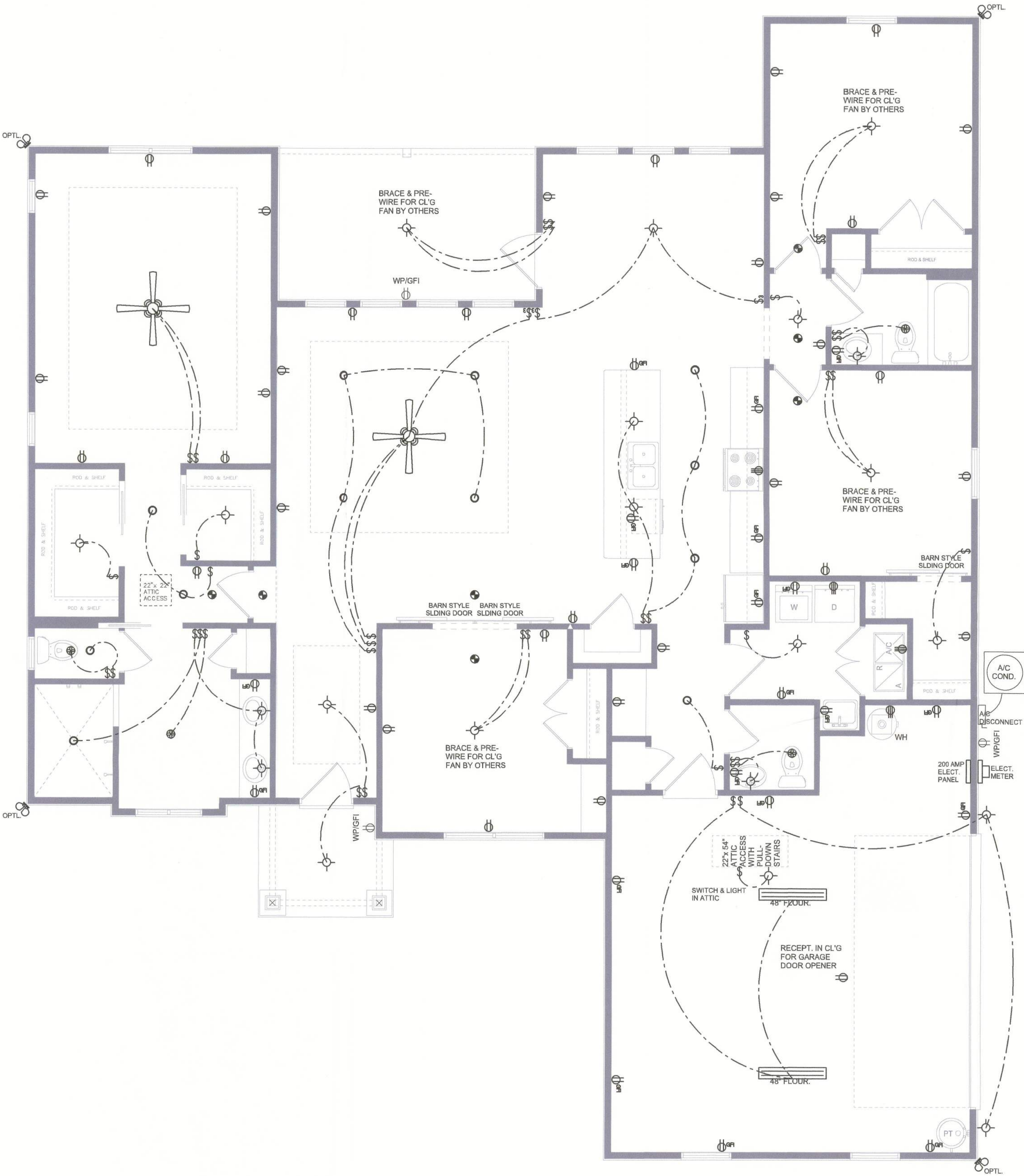
NOTE:
ALL INTERIOR RECEPTACLES SHALL BE AFCI
(ARC FAULT CIRCUIT INTERRUPT) PER NEC 210.12 & TAMPER RESISTANT PER
NEC 406.11

ALL INTERIOR & EXTERIOR LIGHTING SHALL MEET OR EXCEED THE MIN. 75% HIGH-EFFICIENCY
LIGHTING PER FBC-ENERGY CONSERVATION R404.

ALL SMOKE DETECTORS BE A COMBO SMOKE & CARBON MONOXIDE DETECTOR
AND SHALL HAVE BATTERY BACKUP POWER
AND ALL WIRED TOGETHER SO IF ANY ONE UNIT IS ACTUATED THEY
ALL ACTIVATE.

THE ELECTRICAL SERVICE OVERCURRENT PROTECTION DEVICE SHALL BE
INSTALLED ON THE EXTERIOR OF STRUCTURES TO SERVE AS A DISCONNECT MEANS.
CONDUCTORS USED FROM THE EXTERIOR DISCONNECTING MEANS TO A PANEL OR SUB
PANEL SHALL HAVE FOUR-WIRE CONDUCTORS, OF WHICH ONE CONDUCTOR
SHALL BE USED AS AN EQUIPMENT GROUND.

IT IS THE LICENSED ELECTRICAL CONTRACTORS RESPONSIBILITY TO INSURE THAT ALL
WORK PERFORMED AND EQUIPMENT INSTALLED MEETS OR EXCEEDS THE 2017 (NFPA-70) NATIONAL
ELECTRIC CODE AND ALL OTHER LOCAL CODES AND ORDINANCES.



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

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS
April 28, 2022

ARCHITECTURAL DESIGN SOFTWARE

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

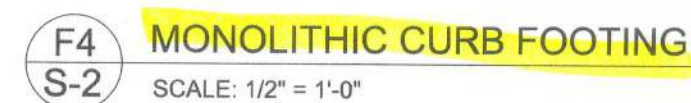
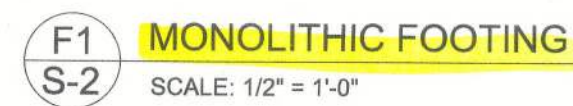
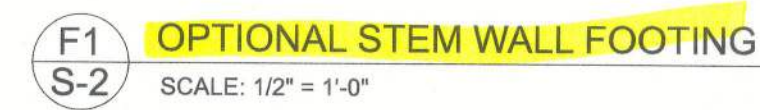
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W.C.M.



TALL STEM WALL TABLE:

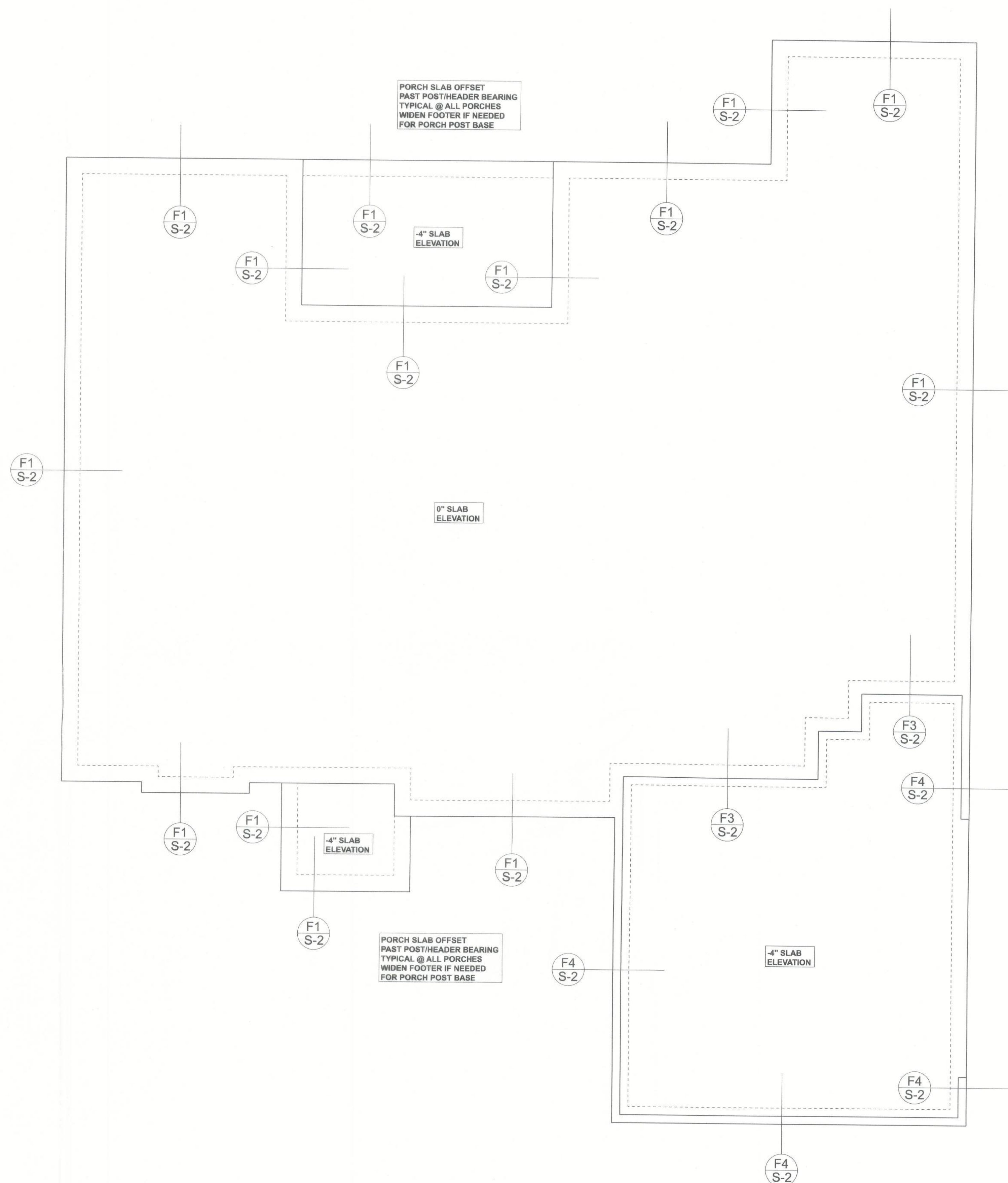
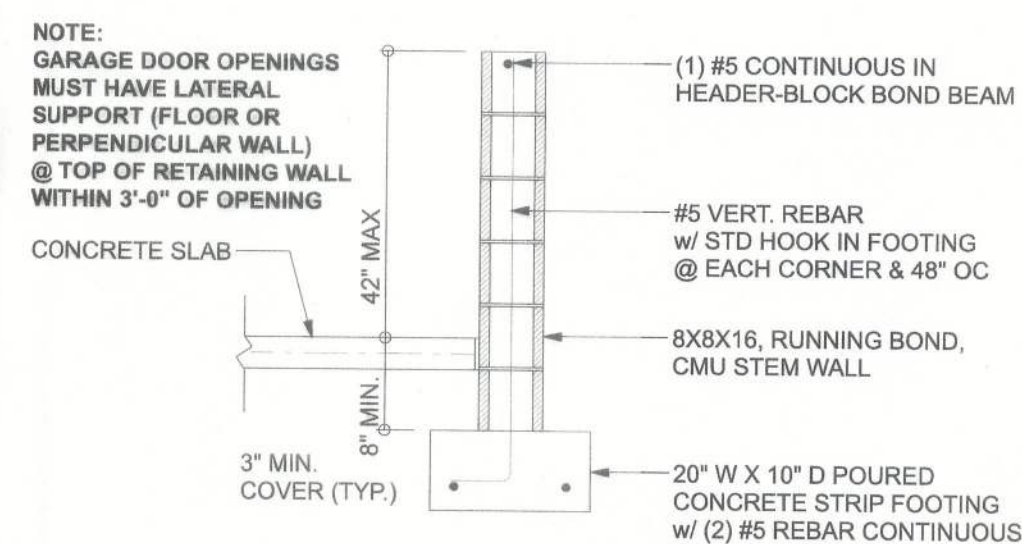
The table assumes 40 ksi for #5 rebar and 60 ksi for #7 & #8 rebar with 6" hook in the footing and bent 24" into the reinforced slab at the top. The vertical steel is to be placed toward the tension side of the CMU wall (away from the soil pressure, within 2" of the exterior side of wall). If the wall is over 8' high, add Durowall lateral reinforcement at 16"OC vertically or a horizontal bond beam with #3 continuing at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

STEM WALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEM WALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEM WALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7	40	96	80	96	80	96
6.7	6.3	32	56	80	56	96	96
7.3	7.0	24	40	56	40	80	96
8.0	7.7	16	32	48	32	64	80
8.7	8.3	8	24	32	24	48	64
9.3	9.0	8	16	24	16	40	48

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.

	ACI308-IQ2 Section	Specific Requirements
1.4A	Compressive strength	#8 blocking bearing walls Fm = 1500 psi
2.1	Mortar	ASTM C 270, Type N, UNO
2.2	GROUT	ASTM C 486, admixtures require approval
2.3	CMU standard	ASTM C 90, Normal weight, Hollow, minimum surface finish, 3/8" x 16" x 16" nominal bond and 12"x12" of 16"x16" column block
2.3	Gray brick standard	ASTM C 216-02, Grade N, Type FBS, 5.5x2.75x11.5"
2.4	Reinforcing bars, #3s - #11	ASTM 615, Grade 60, Fy = 40 ksi, Lap splices min 48" bar dia, (25" for #8)
2.4F	Coating for corrosion protection	Anchor, sheat, metal tiles completely embedded in mortar or grout, ASTM A255, Classa 109, 0.80 oz/sq yd 34SS
2.4F	Coating for corrosion protection	Joint reinforcement in walls exposed to moisture or wire ties, anchor, sheat metal not completely embedded in mortar or grout, ASTM A153, ClassB 2, 1.50 oz/sq yd 34SS
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 installed on project drawings

BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF
12" BELOW UNDISTURBED SOIL OR ENGINEERED FILL



FOUNDATION PLAN

FOUNDATION NOTES

FN - 1	DIMENSIONS ON FOUNDATION & STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL PLANS FOR ACTUAL DIMENSIONS, RECESSES IN SLAB, STEP DOWNS, ETC. DISLOYWAY DESIGN GROUP OR MARKER DISLOYWAY, PE IS NOT RESPONSIBLE FOR DIMENSIONAL ERRORS.
FN - 2	CONTRACTOR SHALL VERIFY NEED FOR INTERIOR BEARING IN ALL AREAS BY REVIEWING THE ROOF TRUSS PLAN (BY THE SUPPLIER) BEFORE FINALIZING FOUNDATION PLAN.
FN - 3	THE SLAB SHALL BE: 4" CONCRETE SLAB REINFORCED w/ 6X8-1/4" S WELDED WIRE MESH PLACED ON CHAIRS @ 1/2" DEPTH / FIBER MESH CONCRETE, 6-MIL POLYESTER BARRIER, 1/2" POLYESTER BARRIER, 1/2" POLY TIE OVER TEMPERE-TREATED & COMPACTED FILL.

Gibraltar Contracting, LLC

1880 Model - Lot 50 Emerald Cove

PROJECT ADDRESS:
Lot 50 Emerald Cove
Columbia County, FL

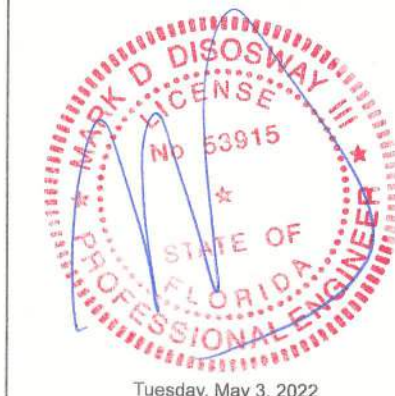
DIMENSIONS:
Stated dimensions supercede scaled dimensions. Refer all questions to Mark Disosway, P.E. for resolution. Do not proceed without clarification.

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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 7th Edition Florida Building Code Residential (2020) to the best of my knowledge.

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

MARK DISOSWAY P.E. 53915

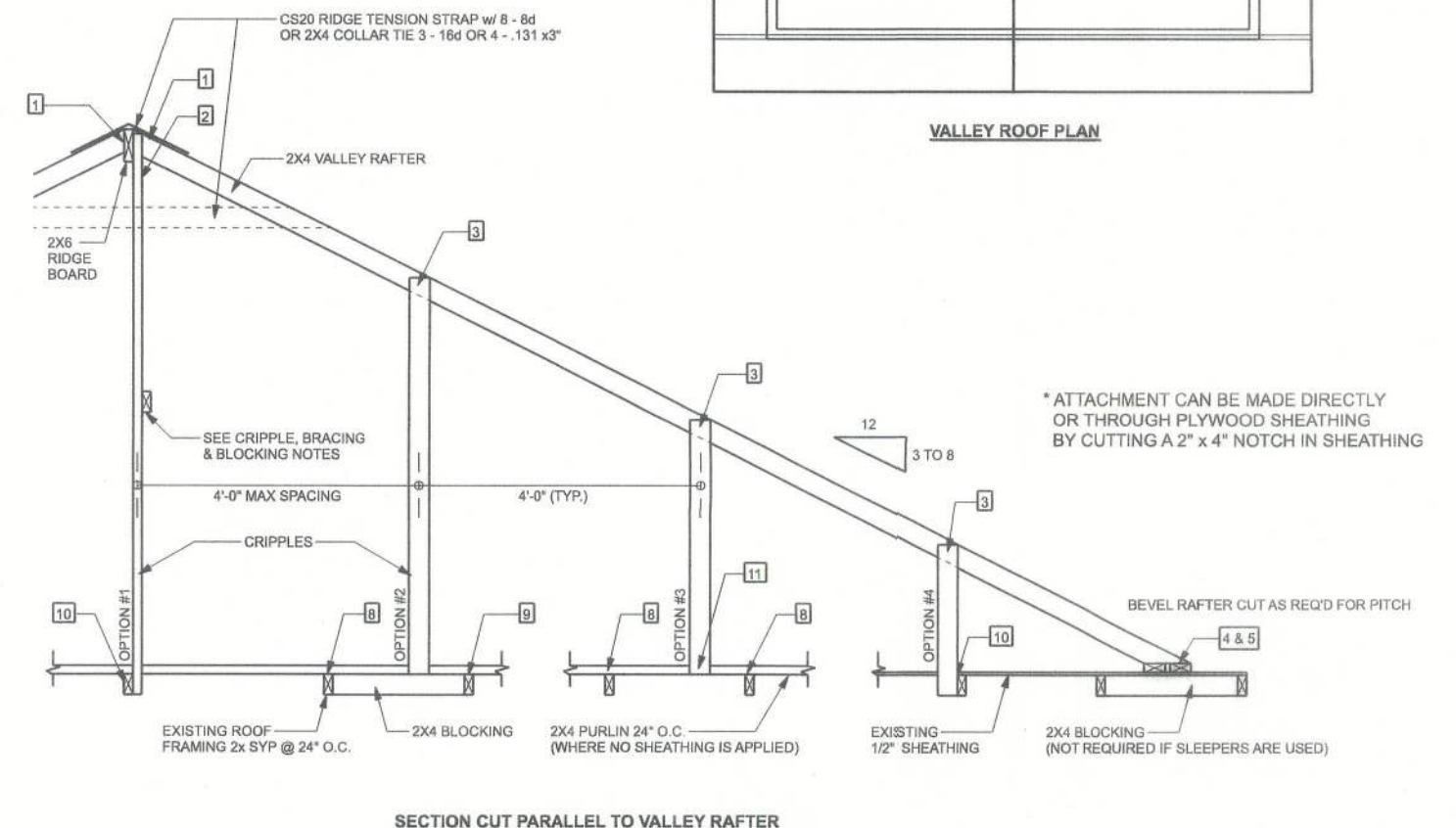


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disoswaydesign@gmail.com

JOB NUMBER:
220531

S-2

OF 3 SHEETS



ROOF OVER FRAMING & BRACING DETAIL
SCALE: N.T.S.

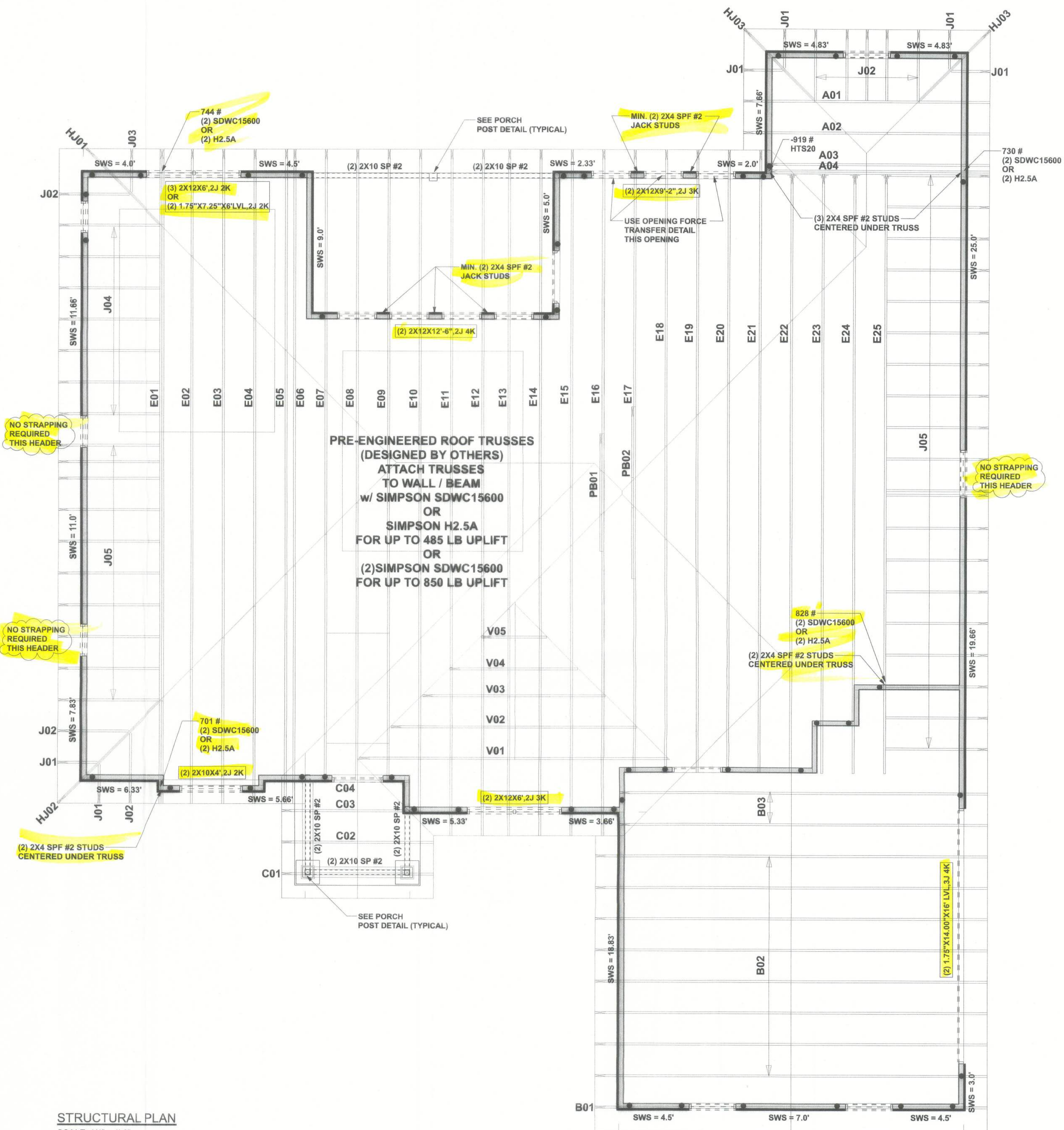
WALLEY ROOF PLAN MEMBER LEGEND

_____ TRUSS
 ■■■■■ TRUSS UNDER FRAMING
 _____ VALLEY RAFTER OR RIDGE
 ■ CRIPPLE

CRIPPLES 4" P.C. FOR 20 Lb AND 10 lb TYP (TYP. SINGLE ROOF) MAX.

CONNECTION REQUIREMENT NOTES

1. JOIST FASTENERS TO RIDGE	3-16d OR 6-131 x 3" T&E NAILS
2. CRIPPLE TO RIDGE	3-16d OR 6-131 x 3" FACE NAILS
3. CRIPPLE TO RAFTERS	3-16d OR 6-131 x 3" FACE NAILS
4. RAFTER TO SLEEPER OR BLOCKING	6-16d OR 12-131 x 3" T&E NAILS
5. SLEEPER TO TRUSS	4-16d OR 8-131 x 3" FACE NAILS EACH TRUSS
6. RIDGE BOARD TO ROOF BLOCK	4-16d OR 8-131 x 3" T&E NAILS
7. RIDGE BOARD TO TRUSS	4-16d OR 8-131 x 3" T&E NAILS
8. TRUSS TO TRUSS (TYP.)	3-16d OR 6-131 x 3" T&E NAILS
9. PURLIN TO TRUSS IF CRIPPLE IS ATTACHED TO PURLIN	3-16d OR 6-131 x 3" NAILS
10. TRUSS TO BLOCKING	3-16d OR 6-131 x 3" T&E NAILS
11. CRIPPLE TO PURLIN	3-16d OR 6-131 x 3" FACE NAILS
12. CRIPPLE TO TRUSS	3-16d OR 6-131 x 3" FACE NAILS

[illegible]

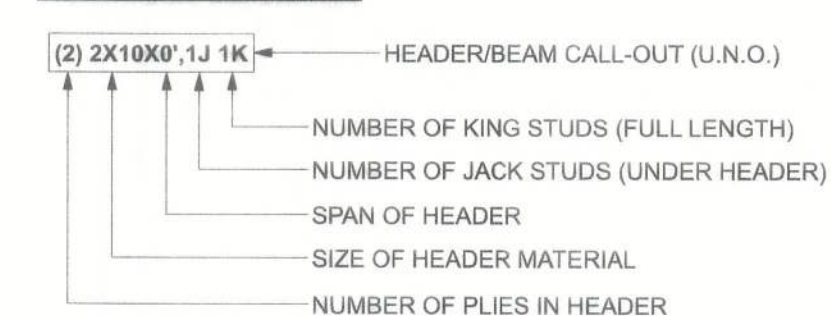
STRUCTURAL PLAN

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

STRUCTURAL PLAN NOTES

- | | |
|------|--|
| SN-1 | ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X10 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 | USE ONE JACK STUD GIRDER SUPPORT PER 2500 LB LOAD |
| SN-4 | DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS |
| SN-5 | PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BC511-03. BC511-B1, BC511-B2, & BC511-B3. BC511-B1, BC511-B2, & BC511-B3 SHALL BE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEAL TRUSS PACKAGE. |

HEADER LEGEND



THREADED ROD LEGEND



ACTUAL vs REQUIRED SHEARWALL		
	TRANSVERSE	LONGITUDINAL
ACTUAL	35592 LBF	17841 LBF
REQUIRED	13063 LBF	15147 LBF

CONNECTIONS, WALL, & HEADER DESIGN IS BASED
ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING
FURNISHED BY BUILDER. W.B. HOWLAND TRUSS CO.
JOB #21-5391

Gibraltar Contracting, LLC

1880 Model - Lot 50 Emerald Cove

PROJECT ADDRESS:
Lot 50 Emerald Cove
Columbia County, FL

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JOB NUMBER:
000504

S-3

OF 3 SHEETS