

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



Wm C. Myers

REVISIONS
May 21, 2020

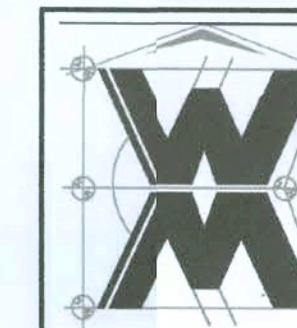


FRONT & REAR ELEVATIONS
SCALE: 1/4" = 1'-0"

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

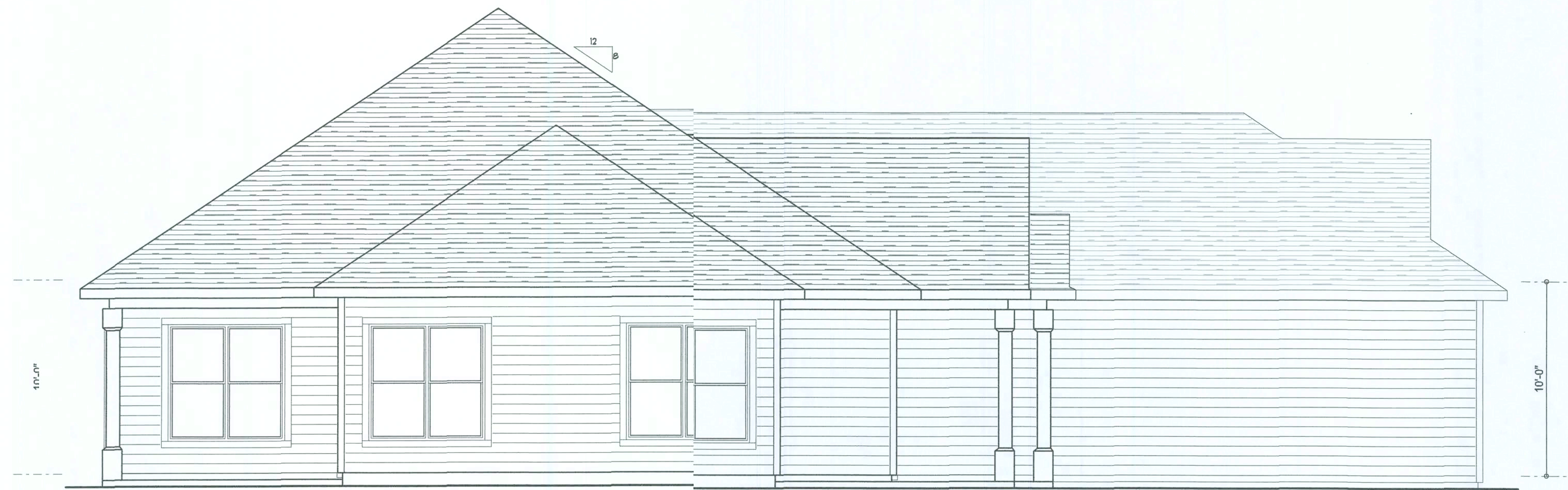
MODEL 2145 (LEFT-HAND, 3-car) FOR:
Lot 10, Rolling Meadows
Address: 311 Morning Glory Drive, Lake City, Florida 32024 (Parcel # 15-4S-16-03023-510)
GIBALTAR CONTRACTING, LLC.
LIC# 1259633 HIGH SPRINGS, FLORIDA

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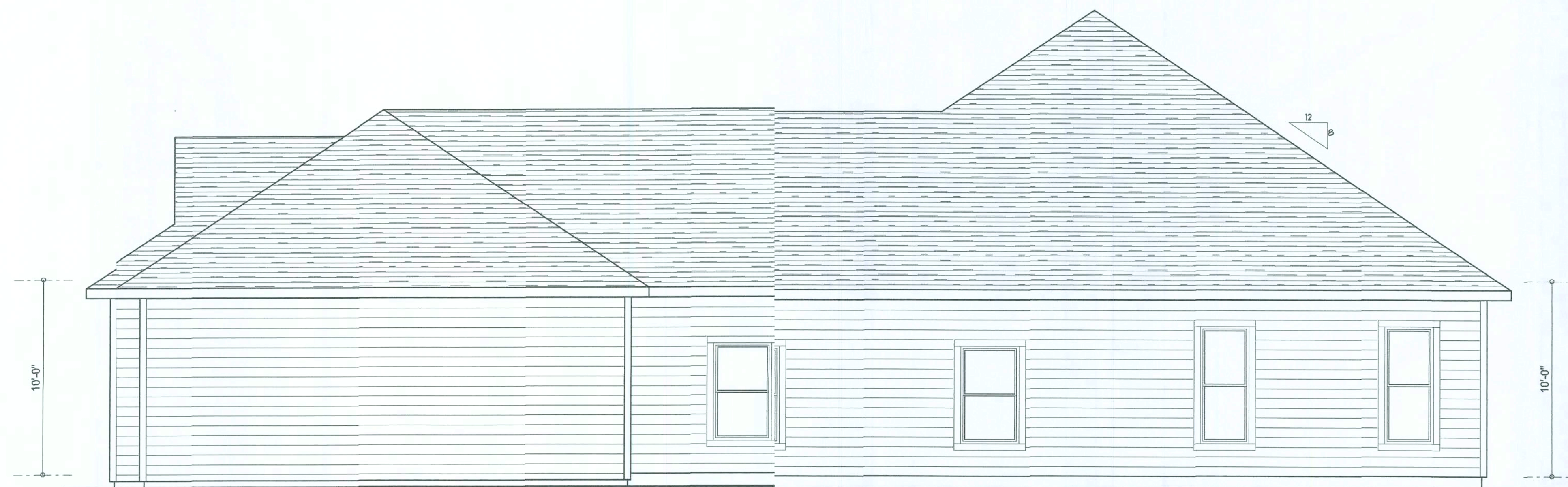


JOB NUMBER
20200505

SHEET NUMBER
A.1
OF 4 SHEETS



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



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

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

REVISIONS	
May 21, 2020	

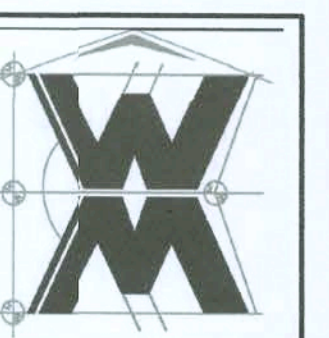
SCOTT
ARCHITECTURAL DESIGN SOFTWARE

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

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

MODEL 2145 (LEFT-HAND, 3-car) FOR:
Lot 10, Rolling Meadows
Address: 311 Morning Glory Drive, Lake City, Florida 32024 (Parcel # 15-4S-16-03023-510)
GIBRALTAR CONTRACTING, LLC.
LIC# 1259833 HIGH SPRINGS, FLORIDA

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JO# NUMBER
20200505

SHEET NUMBER
A.2
OF 4 SHEETS

WJC

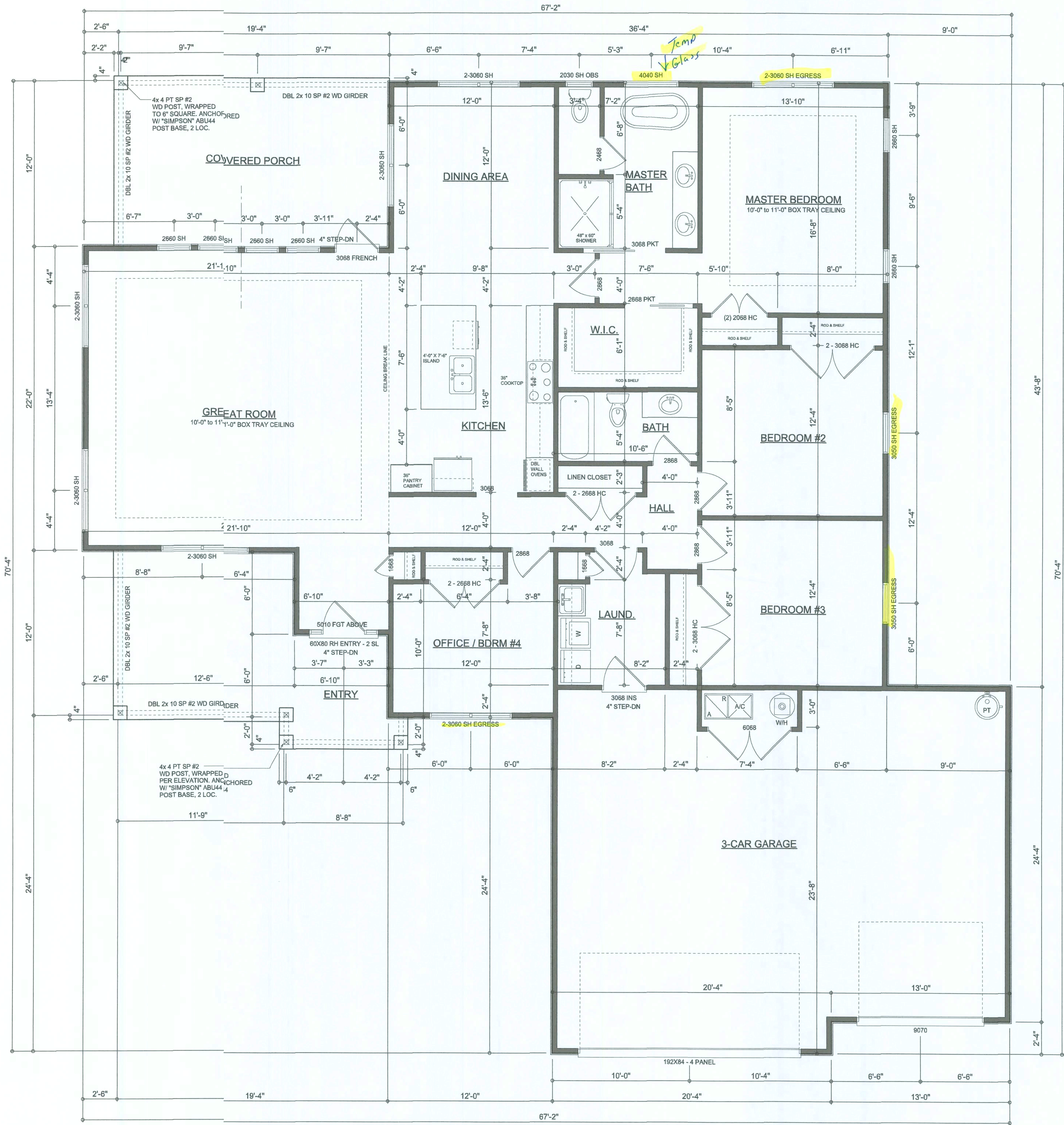
AREA SUMMARY

LIVING AREA	2,145	S.F.
GARAGE AREA	850	S.F.
COVERED PORCH AREA	232	S.F.
ENTRY PORCH AREA	208	S.F.
TOTAL AREA	3,435	S.F.

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 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 support 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.

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



FLOOR PLAN

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

NOTE: ALL WALLS SHALL BE 10'-0" UNLESS OTHERWISE NOTED.

W.M.C. 7/20

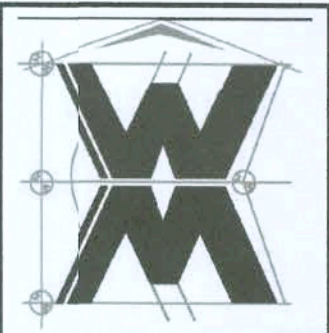
REVISIONS
NOV 21 2020

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

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

MODEL 2145 (LEFT-HAND, 3-car) FOR:
Lot 10, Rolling Meadows
Address: 311 Morning Glory Drive, Lake City, Florida 32024 (Parcel # 15-4S-16-03023-510)
GIBALTAR CONTRACTING, LLC.
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JOB NUMBER
20200505

SHEET NUMBER
A.3
OF 4 SHEETS

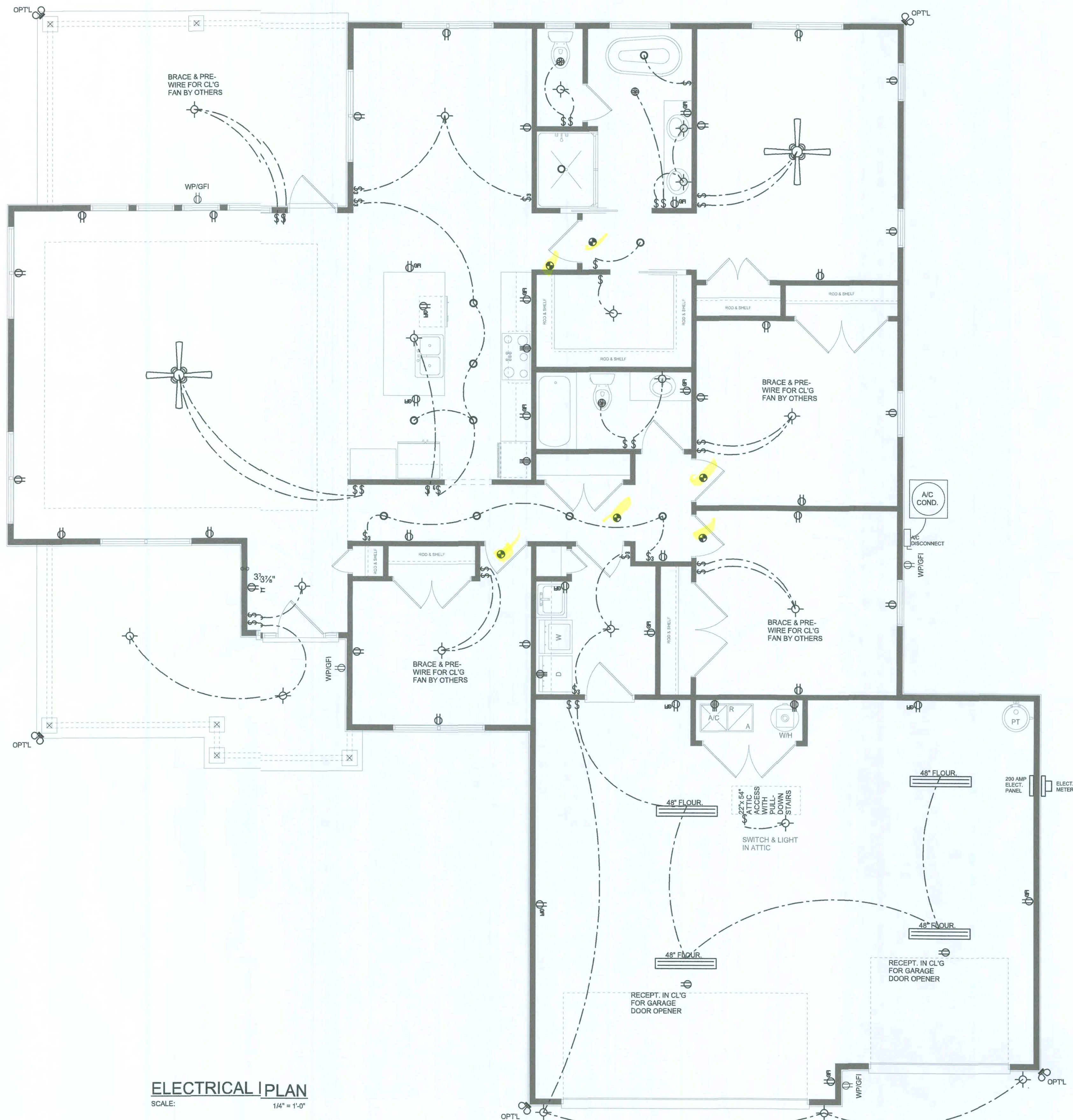
ELECTRICAL LGEND	
	CEILING FAN (PRE-WIRE FOR LIG KIT)
	DOUBLE SECURITY LIGHT
	RECESSED CAN LIG
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET (AII & TAMPER RESISTANT)
	220v OUTLET
	GFI DUPLEX OUTLET PER NEC 406.8)
	TELEVISION JACK
	TELEPHONE JACK
	SMOKE / CARBON MONOXIDE DETECTOR (see note below)
	WALL SWITCH
	3 WAY WALL SWITC
	WATER PROOF GFI JTLET
	2 OR 4 TUB FLUORESCENT FIXTURE

NOTE:
ALL INTERIOR RECEPTACLES SHALL BE AFI
(ARC FAULT CIRCUIT INTERRUPT) PER NE210.12 & TAMPER RESISTANT PER
NEC 406.11

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

THE ELECTRICAL SERVICE OVERCURRENT PROTECTION DEVICE SHALL BE
INSTALLED ON THE EXTERIOR OF STRUCIURES 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 CONTRATORS RESPONSIBILITY TO INSURE THAT ALL
WORK PERFORMED AND EQUIPMENT INSILLED MEETS OR EXCEEDS THE NFPA70 2014 NATIONAL
ELECTRIC CODE AND ALL OTHER LOCAL RDES AND ORDINANCES.



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

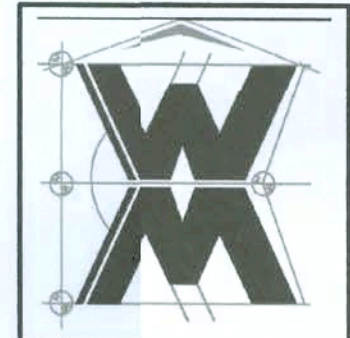
NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS
May 21, 2020

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

MODEL 2145 (LEFT-HAND, 3-car) FOR:
Lot 10, Rolling Meadows
Address: 311 Morning Glory Drive, Lake City, Florida 32024 (Parcel # 15-45-16-03023-510)
GIBRALTAR CONTRACTING, LLC.
LIC# 1259633 HIGH SPRINGS, FLORIDA

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JOB NUMBER
20200505

SHEET NUMBER
A.4
OF 4 SHEETS

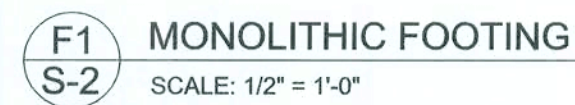
Will C. Myers



TALL S/M WALL TABLE:

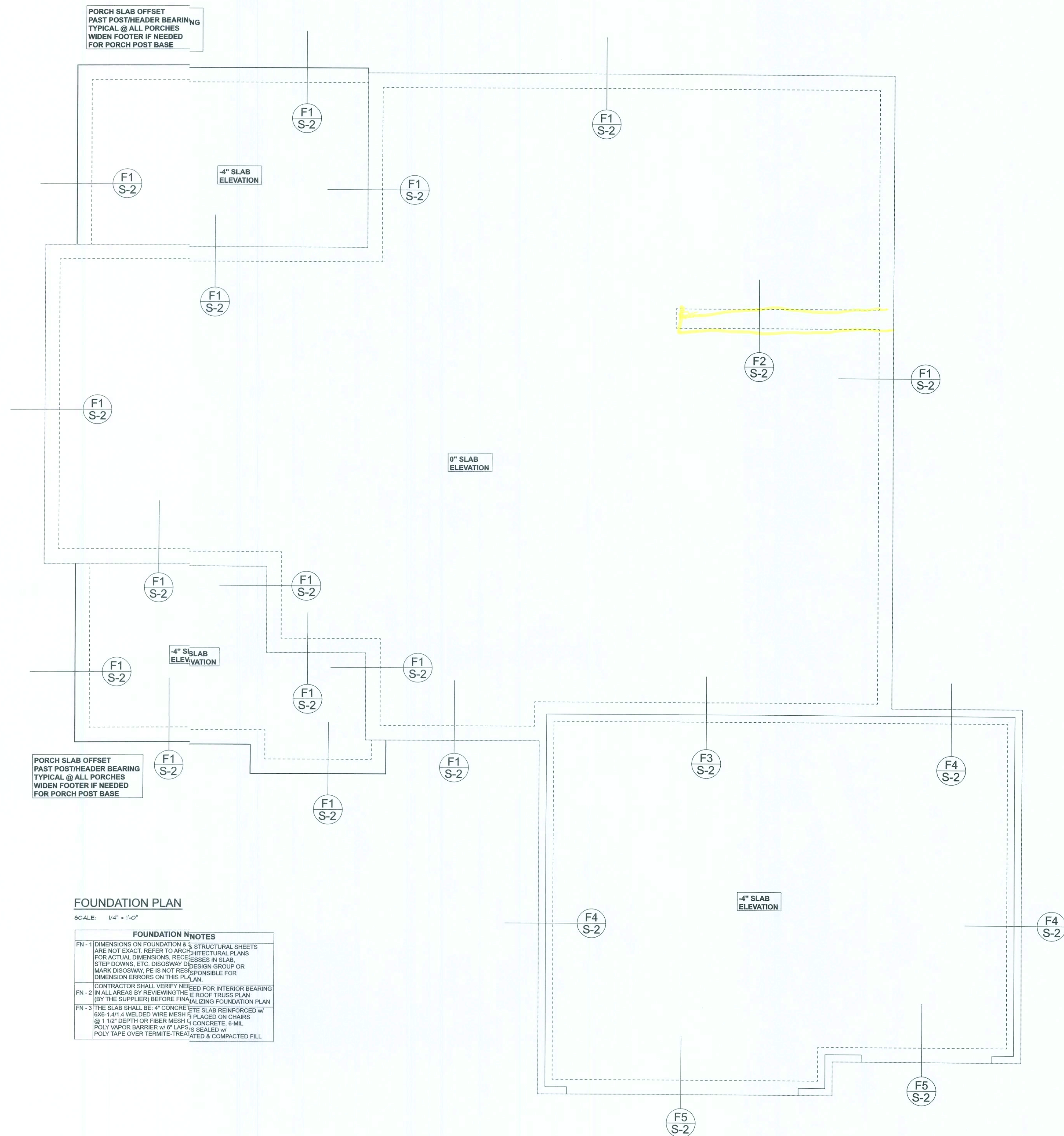
The table assumes 60 ksi reinforcing bars with 6" hook in the footing and bent 24" into the reinfold slab at the top. The vertical steel is to be placed under the tension side of the CMU w/ (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is over 8' high, add Durawall tie reinforcement at 8" OC vertically or a horizontal bond beam is 8" continuous 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 STEMWALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEMWALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
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	80	96	80	96	96
6.7	6.3	32	56	96	56	96	96
7.3	7.0	24	40	96	40	80	96
8.0	7.7	16	32	48	32	64	96
8.7	8.3	8	24	32	24	48	64
9.3	9.0	8	16	24	16	40	48



MASONRY NOTE: MASS CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 318.1M/ASCE 5-08) 2002. THE CONTRACTOR AND MASON MUST IMMEDIATELY, BEFORE PROCEEDING, NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN ACI 530-1-02 AND THESE DESIGN DRAWINGS. ANY DEVIATION TO ACI 530-1.02 MUST BE APPROVED BY THE ENGINEER IN WRITING.	
CG330-1.02 Section 1.4A compressive strength 2.1.1 mortar 2.2.2 2.3 M/J standard 2.3 lay brick standard 2.4a enforcing bars, #3-#11 2.4F outlet for corrosion protection 2.4F outlet for corrosion protection	Specific Requirements 8" block 2375, Type N, UMC ASTM C-476, minimums require approval ASTM C-90-02, Normal weight, Hollow, medium surface texture, 16" x 16" x 8" turning bond and 12"x16" or 16"x16" block ASTM C-216-02, Grade SW, Type FBX, 15' ASTM E5, Grade 400, F_y = 40 ksi, Lap splice 12" and 30' dia. (25' dia. max) Anchor, steel reinforcement bars completely embedded in mortar or grout. ASTM A625, Class 500, UMC or UMC-SS Joint reinforcement in walls exposed to moisture or water, anchors, steel metal bars not completely embedded in mortar or grout. ASTM A153, Class B2, 1/8" outlet or 20x20
3.3.2 pne. conduits, and accessories 3.3.6.7 movement joints	Any not shown on the project drawings require engineering approval. Contractor assumes responsibility for type and location of movement joints if not detailed on project drawings.

BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 12" BELOW UNDISTURBED SOIL OR ENGINEERED FILL.
PER BC 2014-RES. SECTION R403.1.4



FOUNDATION PLAN

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

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. DISCLOSED BY DESIGN GROUP OR MAJOR DISCREPANCY, PER SE, NOT RESPONSIBLE FOR DIMENSION ERRORS ON THIS PLAN. |
| FN - 2 | CONTRACTOR SHALL VERIFY NEED FOR INTERIOR BEARING IN ALL AREAS BY REVIEWING THE E ROOF TRUSS PLAN (BY THE SUPPLIER) BEFORE FINALIZING FOUNDATION PLAN. |
| FN - 3 | THE SLAB SHALL BE: 4" CONCRETE WITH SLAB REINFORCED W/ 6X6-14 @ 4" WELDED WIRE MESH 1 PLACED ON CHAIRS 18" ON CENTER OR FIBER REINFORCED CONCRETE. 6-MIL POLY TAPE VAPOR BARRIER W/ 10" LAPS. 3" SEALER. POLY TAPE OVER TERMIT-TRATED & COMPACTED FILL. |

Gibraltar Contracting, LLC

2145 Model - R
Lot 10 Rolling Meadows

PROJECT ADDRESS:
Lot 10 Rolling Meadows
Columbia County, FL

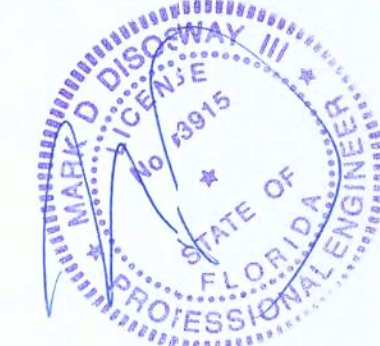
DIMENSIONS:
Stated dimensions supersede scaled dimensions. Refer all questions to Mark Disoway, P.E. for resolution. Do not proceed without clarification.

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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 DISOSVAY P.E. 53915



Monday, Jun 8, 2020

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Lake City, Florida 32025
386.751.5419
disoswaydesign@gmail.com

JOB NUMBER:

200900
92

OF 3 SHEETS

SN-1	ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X10 SP #2 (J.N.O.)
SN-2	ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (J.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 BC51-03, BC51-81, BC51-82, & BC51-83. BC51-81, BC51-82, & BC51-83 ARE FINISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS BRACING.

(2) 2X10_f,1J 1K ← HEADER/BEAM CALL-OUT (U.N.O.)

↑ NUMBER OF KING STUDS (FULL LENGTH)

↑ NUMBER OF JACK STUDS (UNDER HEADER)

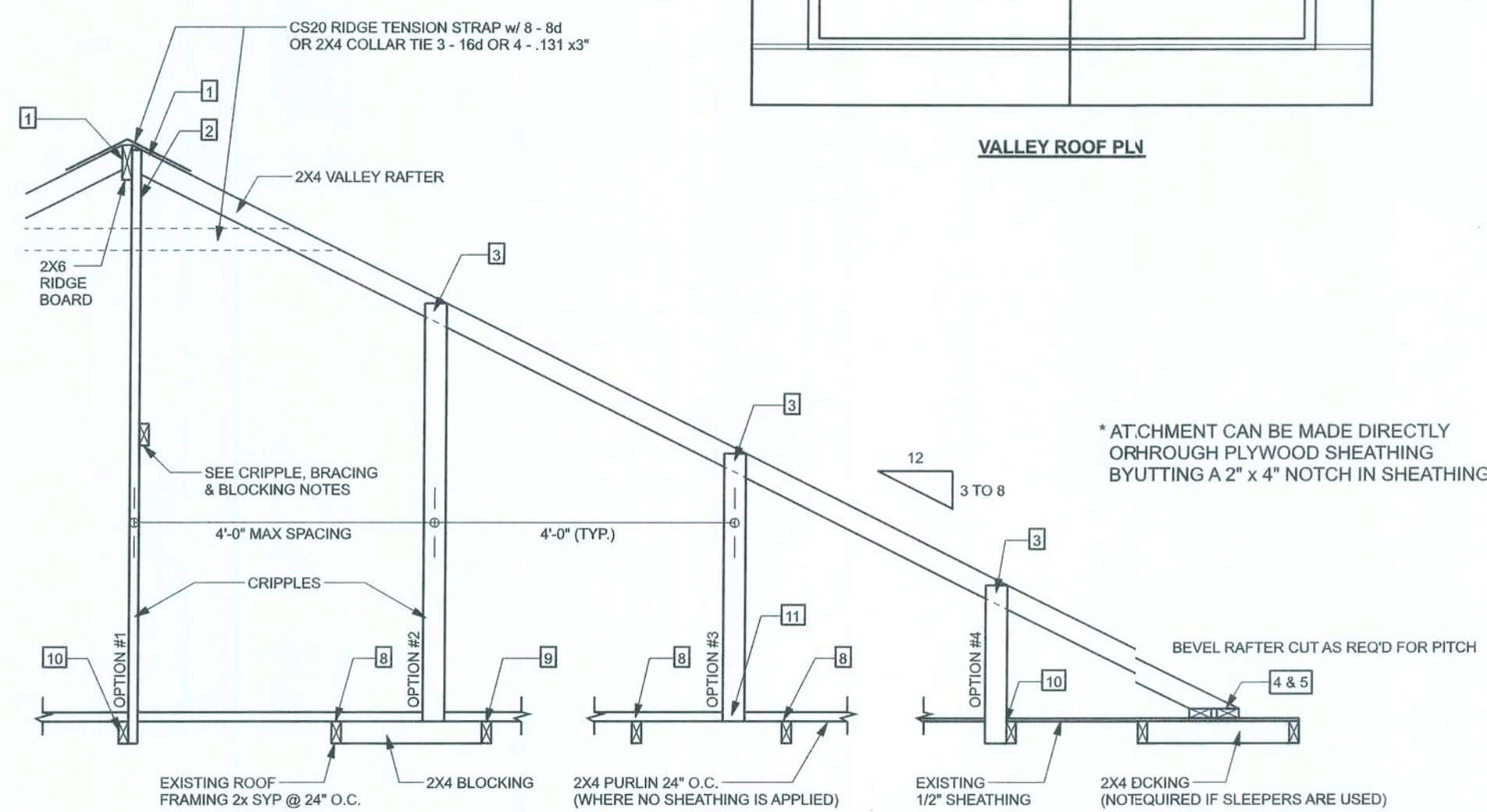
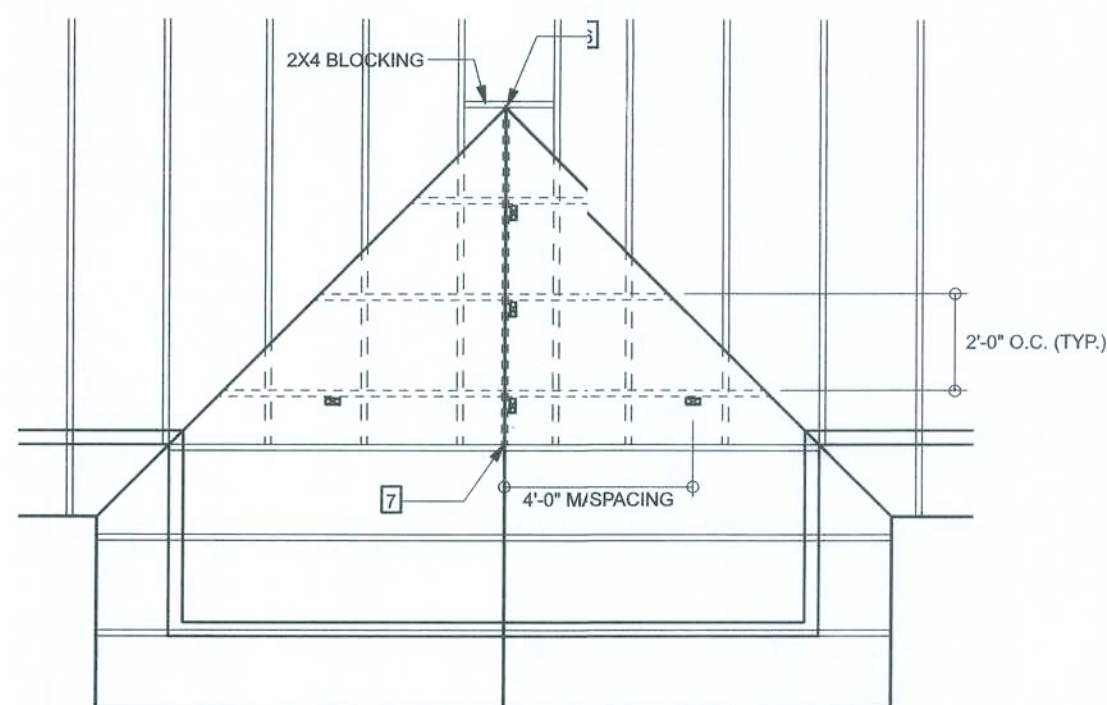
↑ SPAN OF HEADER

↑ SIZE OF HEADER MATERIAL

↑ NUMBER OF PILES IN HEADER

INDICATES LOCATION OF:
3/8" A307 ALL THREADED ROD

RIDGE BOARD	2X6 SYP #2
RAFTER SPANS 20'-0" OR LESS	2X4 SYP #2
PURLINS / LATERAL BRACING	2X4 SPF #2
SLEEPERS	2X (WIDTH OF RAFTER SEAT CUT) SPF #3 OR 2 PARALLEL 2X4 SPF #3
CRIPPLES & BLOCKING	2X4 SPF #2 OR BETTER
TRUSS BELOW	SEE TRUSS DESIGN - SOUTHERN PINE MATERIAL



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

=====	TRUSS
= = = =	TRUSS UNDER VALLEY FRAMING
: : : : : :	VALLEY RAFTER OR RIDGE
⊞	CRIPPLE

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 6 - 131 x 3" TOE 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" TOE NAILS
5	SLEEPER TO TRUSS	4 - 16d OR 8 - 131 x 3" FACE NAILS EACH TRUSS
6	RIDGE BOARD TO ROOF BLOCK	3-16d OR 6 - 131 x 3" TOE NAILS
7	RIDGE BOARD TO TRUSS	3-16d OR 6 - 131 x 3" TOE NAILS
8	PURLIN TO TRUSS (TYP)	3-16d OR 6 - 131 x 3" NAILS
9	PURLIN TO TRUSS (IF CRIPPLE IS ATTACHED TO PURLIN)	4 - 16d OR 8 - 131 x 3" NAILS
10	TRUSS TO BLOCKING	3-16d OR 6 - 131 x 3" END NAILS
11	CRIPPLE TO TRUSS	3-16d OR 6 - 131 x 3" FACE NAILS
12	CRIPPLE TO PURLIN	3-16d OR 6 - 131 x 3" FACE NAILS

MAXIMUM RAFTER SPANS
6'-0" FOR 2x4, 9'-0" FOR 2x6 SFP #2 OR SYP #2.
MAXIMUM ROOF AREA PER SUPPORT
16K12 IN ZONES 2 & 3, 24K2 IN ZONE 1. (EXAMPLE: 4'-0" O.C. x 4'-0" SPAN
OR 2'-0" O.C. x 8'-0" SPAN)
PURLINS REQUIRED 2'-0" O.C. IF EXISTING SHEATHING IS REMOVED.
PURLINS SHOULD OVERLAP SHEATHING ONE TRUSS SPACING MINIMUM.
GAGES THAT ARE NOT OVERLAPPING SHEATHING SHEATHING A MINIMUM
OF 6" AND NAIL DOWNWARD THROUGH SHEATHING INTO PURLIN WITH A
MINIMUM OF 8 - 16 CORNERS PER SHEATHING SHEET.
THIS DRAWING APPLIES TO VALLEYS WITH THE FOLLOWING CONDITIONS:
-SPANS (DISTANCES BETWEEN HEELS) 4'-0" OR LESS
-MAXIMUM VALLEY HEIGHT: 14'-0" OR LESS
-MAXIMUM WIND SPEED: 130 MPH
-MAXIMUM MEAN ROOF HEIGHT: 30 FEET
-MAXIMUM TOTAL LOADINGS: 40 psf
-MEETS FB 2014/ASCE 7-10 WIND REQUIREMENTS
-EXPOSURE CATEGORY "C" - 1.0, Kzt = 1.0
-ENCLOSURE BUILDING

2X4 CONTINUOUS LATERAL BRACE (CLB) MIN. IS REQUIRED FOR CRIPPLES 5'-0" TO 10'-0" LONG. NAILS TO BE 10d NAILS OR 2X4 "T" OR SCAB BRACE NAILD TO FLAT EDGE OF CRIPPLE WITH 6d NAILS @ 9" O.C. "T" OR SCAB MUST BE 90% OF CRIPPLE LENGTH. CRIPPLES MUST BE FULLY NAILING IN ACCORDANCE WITH REQUIREMENTS OF NORTH FACES "W" OR "T" GRADED LUMBER & P.O.C. "T" 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.
-INSTALL ALL NAILING IN ACCORDANCE WITH REQUIREMENTS TO NDS-1997 SECTION 12. NAILS ARE COMMON WIRE NAILS UNLESS NOTED OTHERWISE.

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

	TRANSVERSE	LONGITUDINAL
ACTUAL	20515 LBF	19852 LBF
REQUIRED	16567 LBF	15739 LBF

CONNECTIONS, WALL, & HEADER DESIGN IS BASED
ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING
FURNISHED BY BUILDER. W.B. HOWLAND TRUSS CO.
JOB #20-4291

Gibraltar Contracting, LLC

2145 Model - R
Lot 10 Rolling Meadows

PROJECT ADDRESS:
Lot 10 Rolling Meadows
Columbia County, FL

DIMENSIONS:
Stated dimensions upercode scaled dimensions. Refer II 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 specific location.

MARK DISOWAY P.E. 53915



Monda, June 8, 202

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JOB NUMBER:

200590

S-3
OF 3 SHEETS