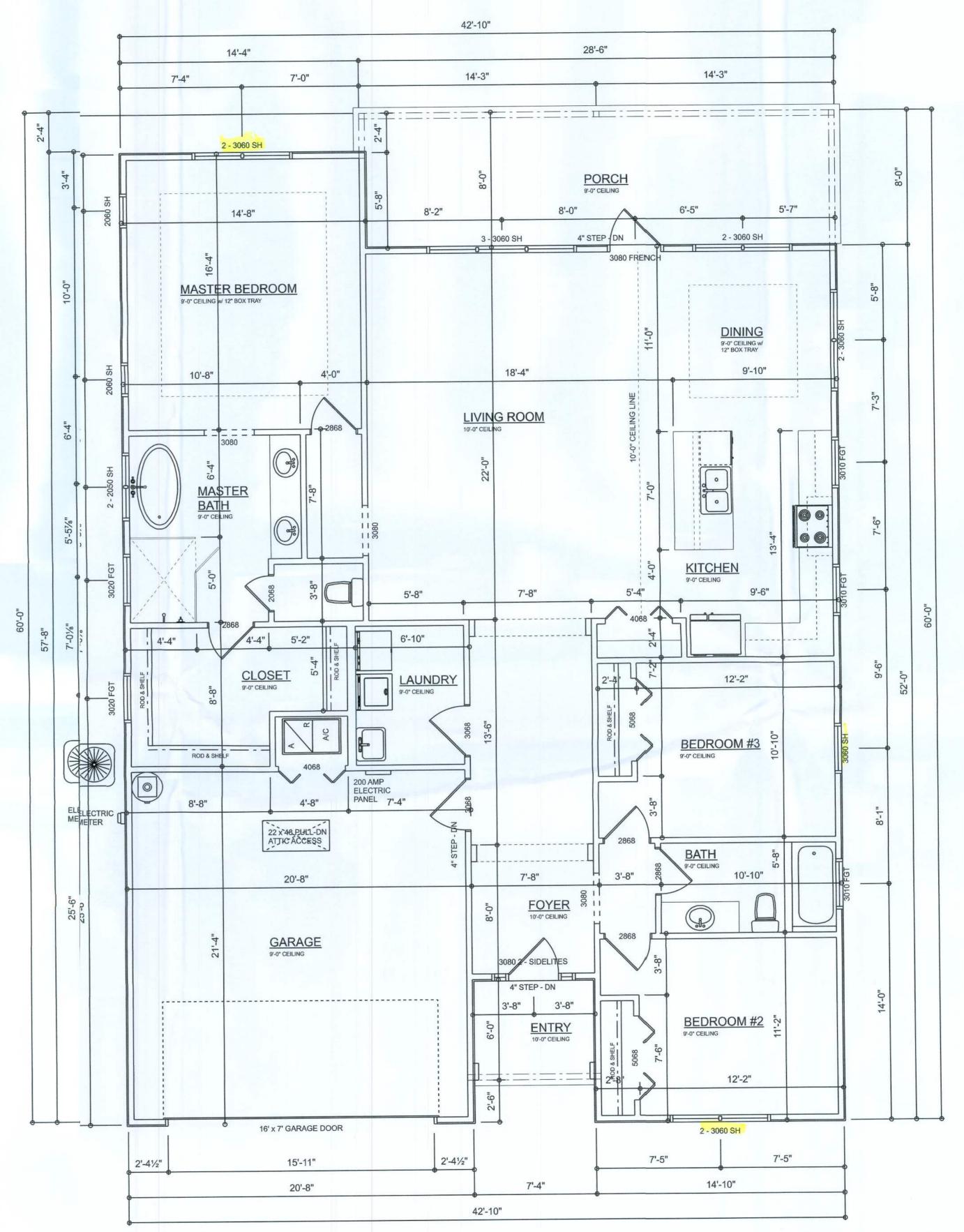


Α	R	Ε	Α	S	U	М	M	Α	R	Y	
						THE PARTY NAMED IN			-	ALC: UNKNOWN	

MIL M O O I	VI 1VI / .	
HEATED & COOLED	1,807	S.F.
ENTRY PORCH	38	S.F.
REAR COVERED PORCH	226	S.F.
GARAGE	441	S.F.
TOTAL AREA	2,512	S.F.

TOTAL CUBIC FOOTAGE OF CONDITIONED SPACE IS: 16,263



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

May 64h, 2021
CONICT. DRIMCS

AARON SIMQUE HOMES, INC LOT 146, THE PRESERVES, LAKE CITY, FL 32024



SHEET NUMBER

A.2

OF 3 SHEETS

ELEC'RICAL LEGEND					
ELECTRICAL	COUNT	SYMBOL			
ceiling fan 4 blided 01	6				
can light 6inch	27	0			
ceiling light 14	3	000			
fluorescent ligh 1 x 4	2				
pendant cube	3	0			
exterior light 02	2				
spotlight doubl	4	OD.			
electrical mete	1	8			
cable tv outlet	4	TV			
fan	3	₩			
light	6	-			
outlet	24	Ф			
outlet 220v	4	Ф			
outlet gfi	15	Фон			
outlet wp	3	Øw₽			
smoke detecto	5	•			
switch	30	\$			
switch 3 way	12	\$3			
vanity bar light)2	3	000			

ELECTRICAL PLA NOTES:

INSTALLATION SHALL BE PELATEST NAT'L ELECTRIC CODE.

WIRE ALL APPLIANCES, HVA UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATION

CONSULT WITH THE OWNEFOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INTALLED

ALL SMOKE DETECTORS SHLL BE 120v W/ BATTERY BACKUP OF THE PHOTOELETRIC TYPE, AND SHALL BE INTERLOCKED TOGETHE. INSTALL INSIDE AND NEAR ALL BEDROOMS

TELEPHONE, TELEVISION A) OTHER LOW VOLTAGE DEVICES OR OUTLETS SHA BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDACE W/ APPLICABLE SECTIONS OF NEC-LATEST DITION.

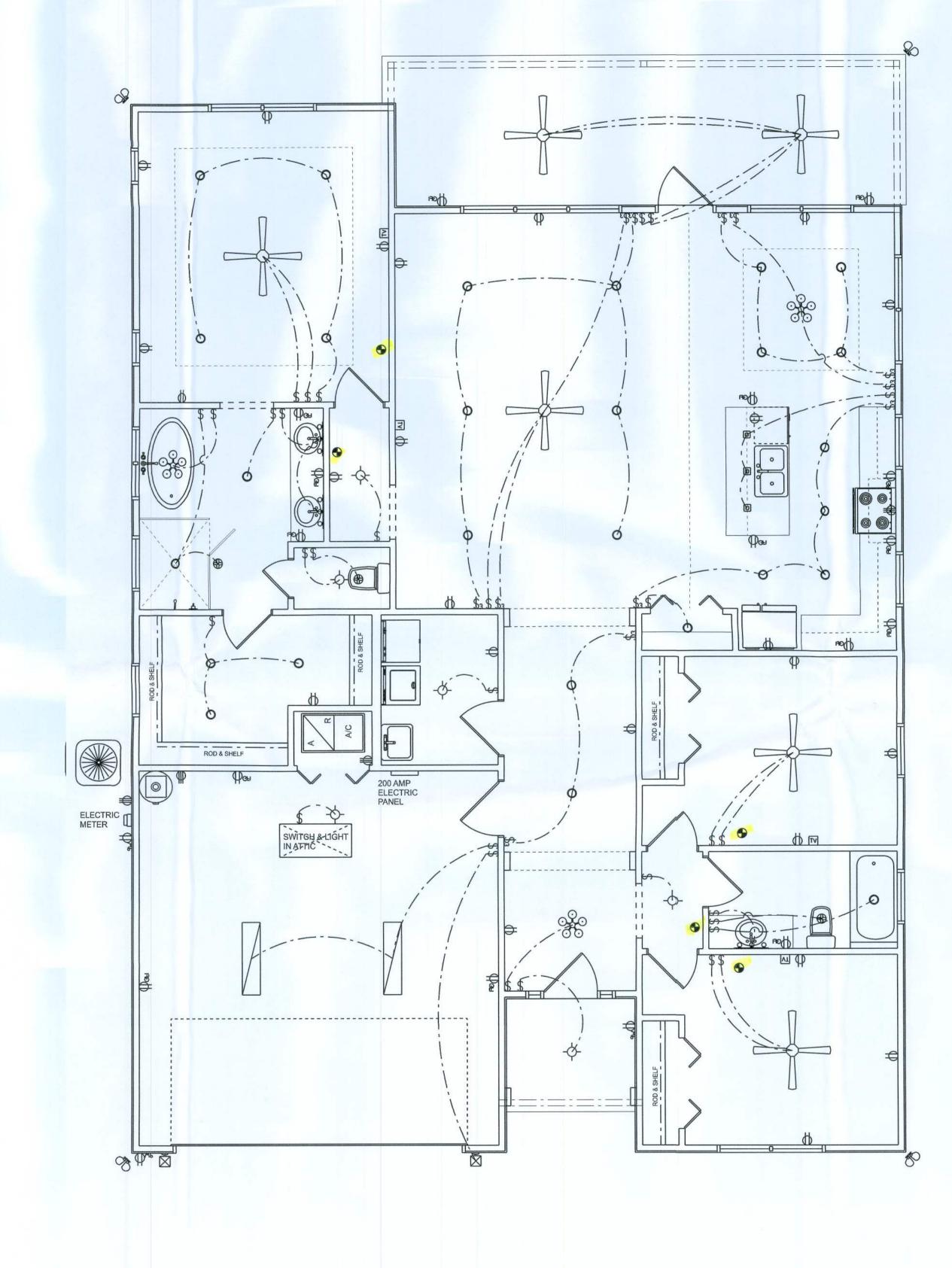
ALL RECEPTICALS, NOT OTERWISE NOTED, SHALL BE ARC FAULT INTERRUPTER TYPE XCEPT DEDICATED OUTLETS

ALL RECEPTICALS IN WET ÆAS SHALL BE GROUND FAULT INTERRUPTER TYPE;FI)

ALL EXTERIOR RECEPTICAL SHALL BE WEATHERPROOF GROUD FAULT INTERRUPTE TYPE (WP/GFI)

NOTE:
ELECTRICAL CONT'R SHALPREPARE "AS-BUILT" SHOP
DWGS INDICATING ALL ELETRICAL WORK, INCLUDING ANY
CHANGES TO THE ELEC. PIN, ADD'NS TO THE ELEC. PLAN,
RISER DIAGRAM, AS-BUILT (NEL SCHEDULE W/ ALL CKTS
IDENTIFIED W/ CKT Nr. DESRIPTION & BRKR, SERVICE ENT.
& ALL UNDERGROUND WIRLOCATIONS/ROUTING / DEPTH.
RISER DIA. SHALL INCLUDE/IRE SIZES/TYPE & EQUIPMENT
TYPE W/ RATINGS & LOADS
CONTRACTOR SHALL PROVE 1 COPY OF AS-BUILT DWGS

TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY



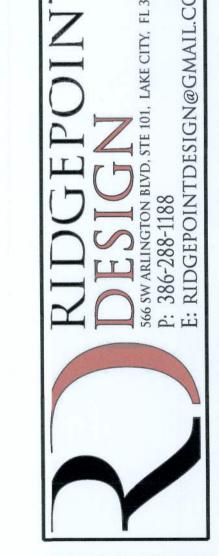


May 5th, 2021 CONST. DRWGS

THE IVY MODEL FOR:

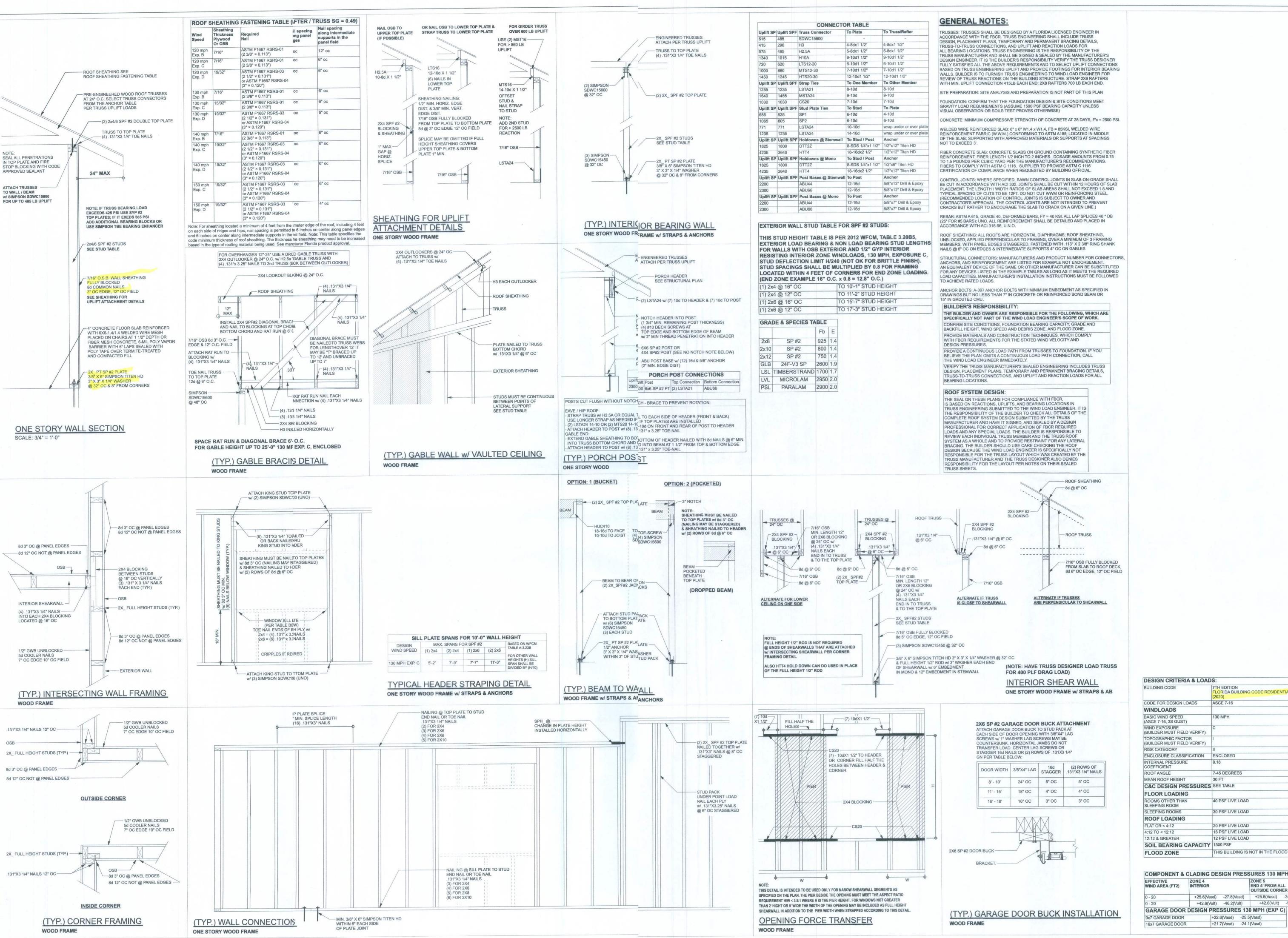
AARON SIMQUE HOMES, INC

LOT 146, THE PRESERVES, LAKE CITY, FL 32024



A.3

OF 3 SHEETS



UILDING CODE	7TH EDITION
	FLORIDA BUILDING CODE RESIDENTIAL
	(2020)
	ASCE 7-16
VINDLOADS	
ASIC WIND SPEED ASCE 7-16, 3S GUST)	130 MPH
VIND EXPOSURE BUILDER MUST FIELD VERIFY)	С
OPOGRAPHIC FACTOR BUILDER MUST FIELD VERIFY)	
RISK CATEGORY	II
NCLOSURE CLASSIFICATION	ENCLOSED
NTERNAL PRESSURE COEFFICIENT	0.18
ROOF ANGLE	7-45 DEGREES
MEAN ROOF HEIGHT	30 FT
&C DESIGN PRESSURES	SEE TABLE
LOOR LOADING	
ROOMS OTHER THAN SLEEPING ROOM	40 PSF LIVE LOAD
SLEEPING ROOMS	30 PSF LIVE LOAD
ROOF LOADING	
FLAT OR < 4:12	20 PSF LIVE LOAD
:12 TO < 12:12	16 PSF LIVE LOAD
2:12 & GREATER	12 PSF LIVE LOAD
SOIL BEARING CAPACITY	1500 PSF
LOOD ZONE	THIS BUILDING IS NOT IN THE FLOOD ZON

EFFECTIVE WIND AREA (FT2)	ZONE 4 INTERIOR		ZONE 5 END 4' FROM ALL OUTSIDE CORNER		
0 - 20	+25.6(Vasd) -27.8(Va	asd)	+25.6(Vasd) -	34.2(Vasd)
0 - 20	+42.6(Vult) -46.2(Vult)		+42.6(Vult)	-57(Vult)	
GARAGE DOOF	DESIGN PE	ESSURE	S 13	0 MPH (EXP C)	
9x7 GARAGE DOOR	+:	+22.6(Vasd) -25.5(Vasd)			
16x7 GARAGE DOO	R +:	+21.7(Vasd) -24.1(Vasd)			

Sated dimensions supercede scaled mensions. Refer all questions to Nark Disosway, P.E. for resolution. D not proceed without clarification. OPYRIGHTS AND PROPERTY RIGHTS: Nark Disosway, P.E. hereby expressly reserve it common law copyrights and property right in tlese instruments of service. This document is nt to be reproduced, altered or copied in any frm or manner without first the express writter prmission and consent of Mark Disosway. CRTIFICATION: I hereby certify that I have gamined this plan, and that the applicable

prtions of the plan, relating to wind engineering omply with the 7th Edition Florida Eilding Code Residential (2020) to the best of my knowledge.

LMITATION: This design is valid for one bilding, at specified location.

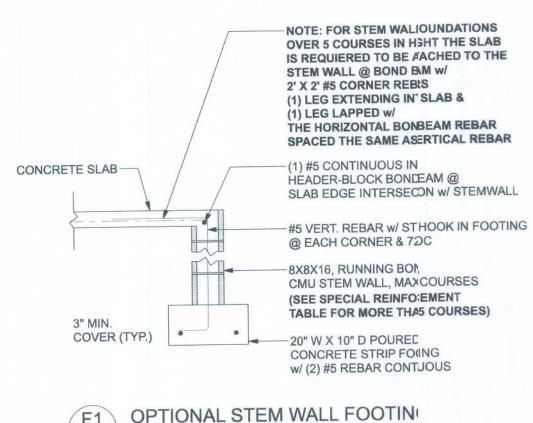


Mark Disosway P.E. 163 SW Midtown Place Suite 103 Lake City, Florida 32025 386.754.5419 lisoswaydesign@gmail.com

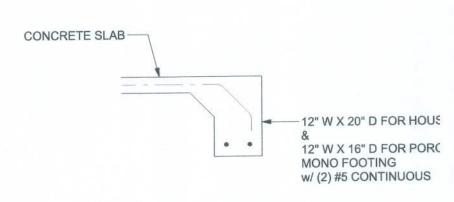
Wednesday, May 5, 2021

JOB NUMBER: 210666 **S-1**

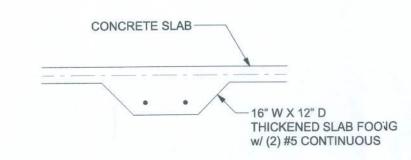
OF 3 SHEETS



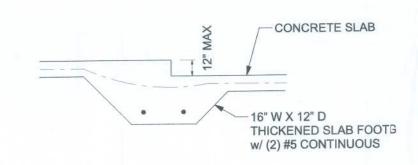
OPTIONAL STEM WALL FOOTING S-2 SCALE: 1/2" = 1'-0"



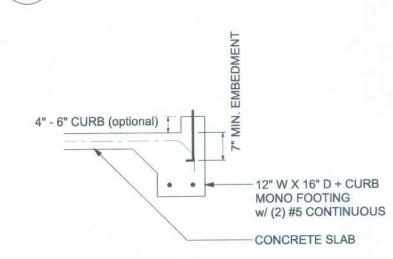
MONOLITHIC FOOTING S-2 SCALE: 1/2" = 1'-0"



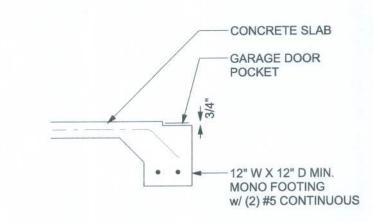
INTERIOR BEARING FOOTING S-2 SCALE: 1/2" = 1'-0"



F3 INTERIOR BEARING STEP FOOTING S-2 SCALE: 1/2" = 1'-0"



MONOLITHIC CURB FOOTING S-2 SCALE: 1/2" = 1'-0"



F5 GARAGE DOOR POCKET FOOTING S-2 SCALE: 1/2" = 1'-0"

The table as reinforced so CMU wall (as over 8' high peam with 1	WALL TABLE: ssumes 60 ksi re lab at the top. The way from the so gh, add Durowal #5 continuous a cement as show	he vertical bil pressure I ladder rei at mid heig	steel is to be, within 2" of inforcement ht. For high	e placed to of the exter at 16"OC	ward the te for side of the vertically or the wall 12"	nsion side on the wall). If the a horizonta CMU may	of the ne wall I bond be used	
STEMWALL 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	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	80	56	96	96	
	1	5.50		=-	40	00	06	

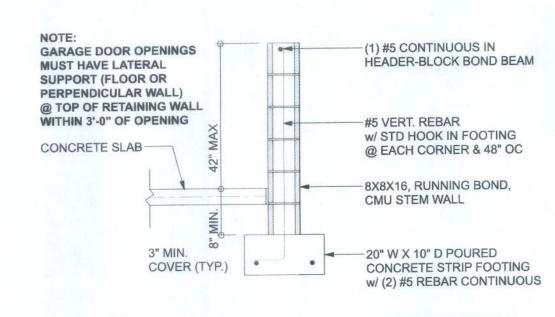
8.7 8.3 8 24 32 24 48

9.3 9.0 8 16 24 16 40

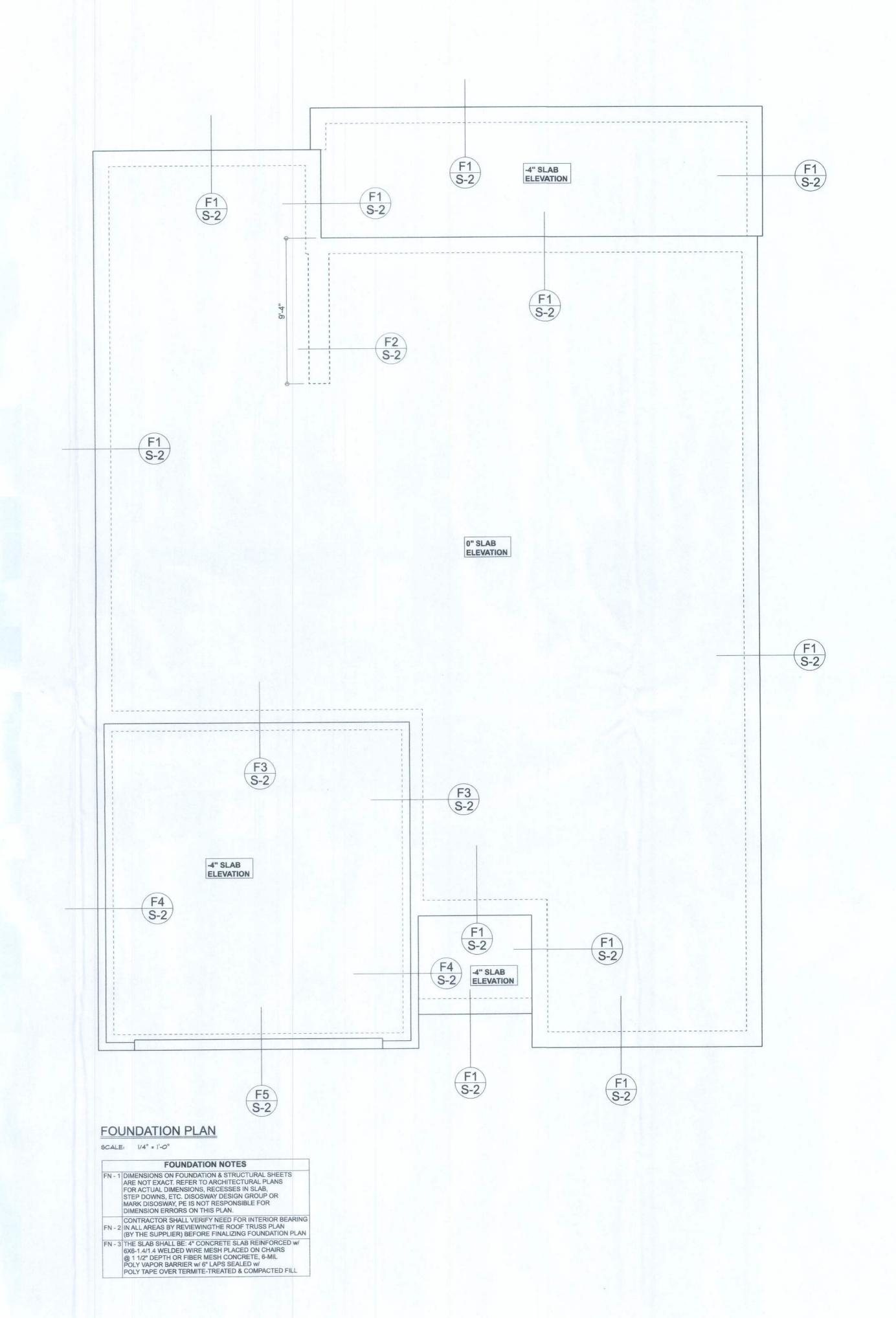
MASO SHAL FOR I THE O PROO BETW	L CONFORM TO ALL REQUINASONRY STRUCTURES" CONTRACTOR AND MASON CEEDING, NOTIFY THE ENC WEEN ACI 530.1-02 AND TH	D MATERIALS FOR THIS PROJECT UIREMENTS OF "SPECIFICATION (ACI 530.1/ASCE 6/TMS 602). N MUST IMMEDIATELY, BEFORE GINEER OF ANY CONFLICTS ESE DESIGN DRAWINGS. -02 MUST BE APPROVED BY
	ACI530.1-02 Section	Specific Requirements
1.4A	Compressive strength	8" block bearing walls F'm = 1500 psi
2.1	Mortar	ASTM C 270, Type N, UNO
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" running bond and 12"x12" or 16"x16" column block
2.3	Clay brick standard	ASTM C 216-02, Grade SW, Type FBS, 5.5"x2.75"x11.5"
2.4	Reinforcing bars, #3 - #11	ASTM 615, Grade 40, Fy = 40 ksi, Lap splices min 40 bar dia. (25" for #5)
2.4F	Coating for corrosion protection	Anchors, sheet metal ties completely embedded in mortar or grout, ASTM A525, Class G60, 0.60 oz/ft2 or 304SS
2 4F	Coating for corrosion protection	Joint reinforcement in walls exposed to

1.4A	Compressive strength	8" block bearing walls F III = 1500 psi
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2.4F	Coating for corrosion protection	Anchors, sheet metal ties completely embedded in mortar or grout, ASTM A525, Class G60, 0.60 oz/ft2 or 304SS
2.4F	Coating for corrosion protection	Joint reinforcement in walls exposed to moisture or wire ties, anchors, sheet metal ties not completely embedded in mortar or grout, ASTM A153, Class B2, 1.50 oz/ft2 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.

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



F4 OPTIONAL STEM WALL CURB FOOTING
S-2 SCALE: 1/2" = 1'-0"



Stated dimensios supercede scaled dimensions. Refr all questions to Mark Disosway, 2.E. for resolution. Do not proceed /ithout clarification.

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these instrumens of service. This document is not to be reprodued, altered or copied in any form or manner vithout first the express written permission and onsent of Mark Disosway. CERTIFICATIOI: I hereby certify that I have examined this pan, and that the applicable

portions of the pan, relating to wind engineering comply with the th Edition Florida Building Code Psidential (2020) to the best of miknowledge. LIMITATION: The design is valid for one building, at specified location.

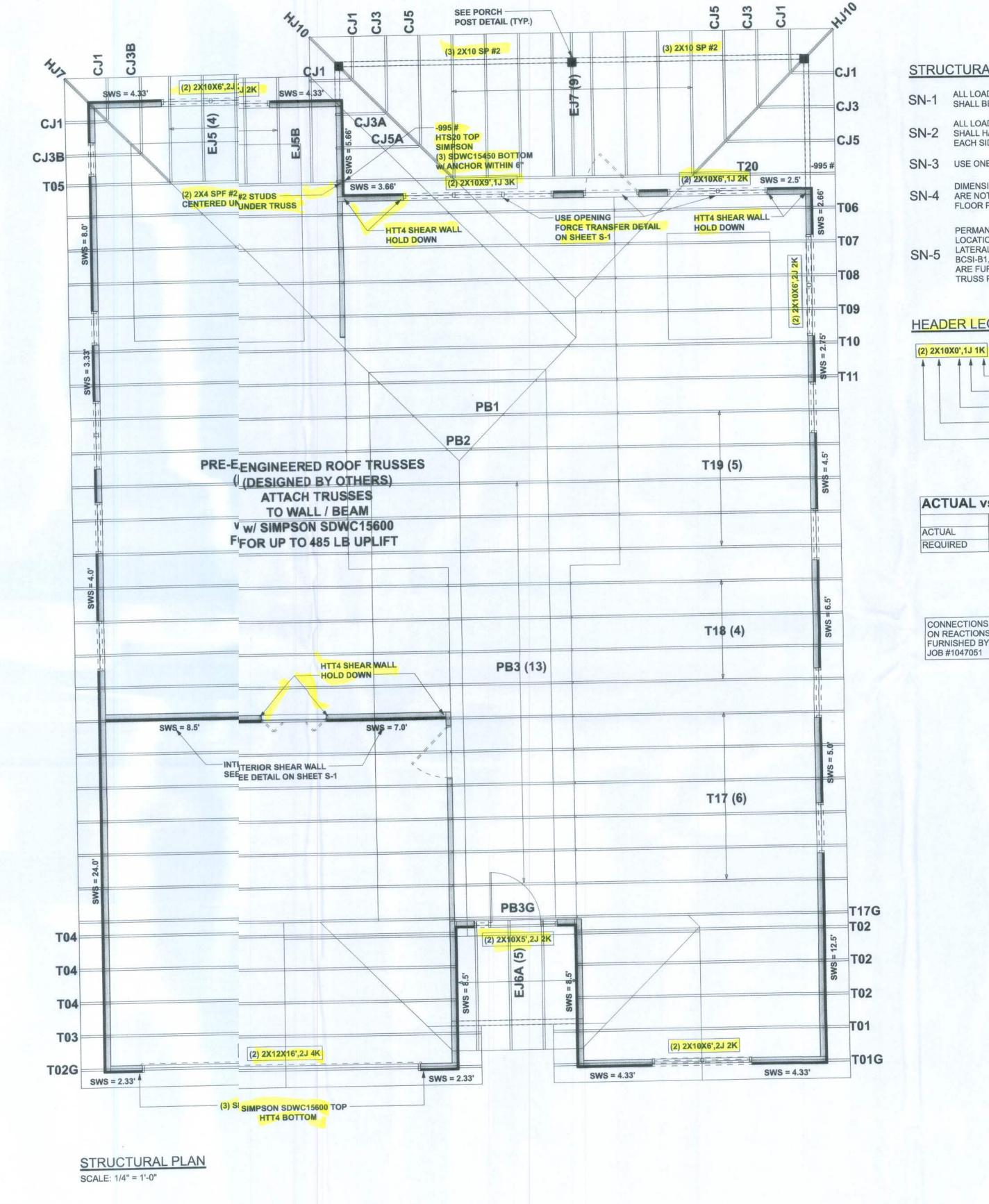
MARK)ISOSWAY P.E. 53915



MarkDisosway P.E. 163 SW Midtown Place Suite 103 Lake Cty, Florida 32025 336.754.5419 disoswaydesign@gmail.com

> JOB NUMBER: 210666 **S-2**

> > OF 3 SHEETS



STRUCTURAL PLAN NOTES

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

PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS.

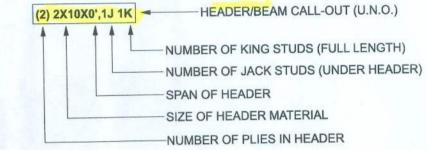
LATERAL BRACING IS TO BE RESTRAINED PER BCSI1-03,

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	LONGITUDUNAL
ACTUAL	17456 LBF	23016 LBF
REQUIRED	14466 LBF	8924 LBF

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

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

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permission ind consent of Mark Disosway.

CERTIFICATION: I hereby certify that I have examined tis plan, and that the applicable portions of he plan, relating to wind engineering comply witrthe 7th Edition Florida Building Cde Residential (2020) to the best f my knowledge.

LIMITATIOI: This design is valid for one



Wednesday, May 5, 2021

Wark Disosway P.E. 16: SW Midtown Place Suite 103 Lale City, Florida 32025 386.754.5419 disosvaydesign@gmail.com

OB NUMBER: 210666 **S-3** OF 3 SHEETS