



:	3/16" TAPCON MAX SPACING	1/4" TAPCON MAX SPACING	1/2" ANCHOR BOLTS INTO FILLED CELL
UP TO 4' W	14" OC	22" OC	N/A
UP TO 6' W	10" OC	16" OC	N/A
UP TO 10' W	9" OC	14" OC	N/A
O 8' TALL	9" OC	15" OC	N/A
0 10' WIDE	9" OC	14" OC	(4) 1/2" x 8" ANCHOR BOLTS PER BUCK EVENLY SPACED
) 18' WIDE	4" OC	7" OC	(4) 1/2" x 8" ANCHOR BOLTS PER BUCK

(2) 1/4" x 3 1/2" SDS WOOD SCREWS @ 24" OC

TO TRUSS PLATE w/ (2) .131" x 3.25" NAILS @ 24" OC

- ATTACH RAFTER PLATE TO TRUSSES BELOW w/



TRUSSES: TRUSSES SHALL BE DESIGNED BY A FLORIDA LICENSED ENGINEER IN

ACCORDANCE WITH THE FBCR. TRUSS ENGINEERING SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS. TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS. TRUSS ENGINEERING IS THE RESPONSIBILITY OF THE TRUSS MANUFACTURER AND SHALL BE SIGNED & SEALED BY THE MANUFACTURER'S DESIGN ENGINEER. IT IS THE BUILDER'S RESPONSIBILITY VERIFY THE TRUSS DESIGNER FULLY SATISFIED ALL THE ABOVE REQUIREMENTS AND TO SELECT UPLIFT CONNECTIONS BASED ON TRUSS ENGINEERING UPLIFT AND PROVIDE FOOTINGS FOR INTERIOR BEARING WALLS. BUILDER IS TO FURNISH TRUSS ENGINEERING TO WIND LOAD ENGINEER FOR REVIEW OF TRUSS REACTIONS ON THE BUILDING STRUCTURE. STRAP 2X6 RAFTERS WITH MIN. UPLIFT CONNECTION 415LB EACH END; 2X8 RAFTERS 700 LB EACH END.

SITE PREPARATION: SITE ANALYSIS AND PREPARATION IS NOT PART OF THIS PLAN FOUNDATION: CONFIRM THAT THE FOUNDATION DESIGN & SITE CONDITIONS MEET GRAVITY LOAD REQUIREMENTS (ASSUME 1500 PSF BEARING CAPACITY UNLESS VISUAL OBSERVATION OR SOILS TEST PROVES OTHERWISE)

CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS, F'c = 2500 PSI. WELDED WIRE REINFORCED SLAB: 6" x 6" W1.4 x W1.4. FB = 85KSI, WELDED WIRE REINFORCEMENT FABRIC (W.W.M.) CONFORMING TO ASTM A185: LOCATED IN MIDDLE OF THE SLAB; SUPPORTED WITH APPROVED MATERIALS OR SUPPORTS AT SPACINGS NOT TO EXCEED 3'.

FIBER CONCRETE SLAB: CONCRETE SLABS ON GROUND CONTAINING SYNTHETIC FIBER REINFORCEMENT. FIBER LENGTH 1/2 INCH TO 2 INCHES. DOSAGE AMOUNTS FROM 0.75 TO 1.5 POUNDS PER CUBIC YARD PER THE MANUFACTURER'S RECOMMENDATIONS. FIBERS TO COMPLY WITH ASTM C 1116. SUPPLIER TO PROVIDE ASTM C 1116 CERTIFICATION OF COMPLIANCE WHEN REQUESTED BY BUILDING OFFICIAL.

CONTROL JOINTS: WHERE SPECIFIED, SAWN CONTROL JOINTS IN SLAB-ON-GRADE SHALL BE CUT IN ACCORDANCE WITH ACI 302. JOINTS SHALL BE CUT WITHIN 12 HOURS OF SLAB PLACEMENT THE LENGTH / WIDTH RATIOS OF SLAB AREAS SHALL NOT EXCEED 1.5 AND TYPICAL SPACING OF CUTS TO BE 12FT. DO NOT CUT WWM OR REINFORCING STEEL. (RECOMMENDED LOCATION OF CONTROL JOINTS IS SUBJECT TO OWNER AND CONTRACTOR'S APPROVAL. THE CONTROL JOINTS ARE NOT INTENDED TO PREVENT CRACKS BUT RATHER TO ENCOURAGE THE SLAB TO CRACK ON A GIVEN LINE.)

REBAR: ASTM A 615, GRADE 40, DEFORMED BARS, FY = 40 KSI. ALL LAP SPLICES 40 * DB (25" FOR #5 BARS); UNO. ALL REINFORCEMENT SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI 315-96, U.N.O. STRUCTURAL CONNECTORS: MANUFACTURERS AND PRODUCT NUMBER FOR CONNECTORS.

ANCHORS, AND REINFORCEMENT ARE LISTED FOR EXAMPLE NOT ENDORSEMENT. AN EQUIVALENT DEVICE OF THE SAME OR OTHER MANUFACTURER CAN BE SUBSTITUTED FOR ANY DEVICES LISTED IN THE EXAMPLE TABLES AS LONG AS IT MEETS THE REQUIRED LOAD CAPACITIES. MANUFACTURER'S INSTALLATION INSTRUCTIONS MUST BE FOLLOWED TO ACHIEVE RATED LOADS

ANCHOR BOLTS: A-307 ANCHOR BOLTS WITH MINIMUM EMBEDMENT AS SPECIFIED IN DRAWINGS BUT NO LESS THAN 7" IN CONCRETE OR REINFORCED BOND BEAM OR 15" IN GROUTED CMU.

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.

	ACI530.1-02 Section	Specific Requirements
4A	Compressive strength	8" block bearing walls F'm = 1500 psi
1	Mortar	ASTM C 270, Type N, UNO
2	Grout	ASTM C 476, admixtures require approval
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
3	Clay brick standard	ASTM C 216-02, Grade SW, Type FBS, 5.5"x2.75"x11.5"
4	Reinforcing bars, #3 - #11	ASTM 615, Grade 40, Fy = 40 ksi, Lap splices min 40 bar dia. (25" for #5)
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
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.E.2	Pipes, conduits, and accessories	Any not shown on the project drawings require engineering approval.
3.E.7	Movement joints	Contractor assumes responsibility for type and location of movement joints if not detailed on project drawings.

BUILDER'S RESPONSIBILITY:

THE BUILDER AND OWNER ARE RESPONSIBLE FOR THE FOLLOWING, WHICH ARE SPECIFICALLY NOT PART OF THE WIND LOAD ENGINEER'S SCOPE OF WORK. CONFIRM SITE CONDITIONS. FOUNDATION BEARING CAPACITY, GRADE AND BACKFILL HEIGHT, WIND SPEED AND DEBRIS ZONE, AND FLOOD ZONE. PROVIDE MATERIALS AND CONSTRUCTION TECHNIQUES, WHICH COMPLY WITH FBCR REQUIREMENTS FOR THE STATED WIND VELOCITY AND

DESIGN PRESSURES PROVIDE A CONTINUOUS LOAD PATH FROM TRUSSES TO FOUNDATION. IF YOU BELIEVE THE PLAN OMITS A CONTINUOUS LOAD PATH CONNECTION, CALL THE WIND LOAD ENGINEER IMMEDIATELY. VERIFY THE TRUSS MANUFACTURER'S SEALED ENGINEERING INCLUDES TRUSS

DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS.

ROOF SYSTEM DESIGN:

THE SEAL ON THESE PLANS FOR COMPLIANCE WITH FBCR, IS BASED ON REACTIONS, UPLIFTS, AND BEARING LOCATIONS IN TRUSS ENGINEERING SUBMITTED TO THE WIND LOAD ENGINEER IT IS THE RESPONSIBILITY OF THE BUILDER TO CHECK ALL DETAILS OF THE COMPLETE ROOF SYSTEM DESIGN SUBMITTED BY THE TRUSS MANUFACTURER AND HAVE IT SIGNED AND SEALED BY A DESIGN PROFESSIONAL FOR CORRECT APPLICATION OF FBCR REQUIRED LOADS AND ANY SPECIAL LOADS. THE BUILDER IS RESPONSIBLE 1 REVIEW FACH INDIVIDUAL TRUSS MEMBER AND THE TRUSS ROOF SYSTEM AS A WHOLE AND TO PROVIDE RESTRAINT FOR ANY LATERAL BRACING. THE BUILDER SHOULD USE CARE CHECKING THE ROOF DESIGN BECAUSE THE WIND LOAD ENGINEER IS SPECIFICALLY NOT RESPONSIBLE FOR THE TRUSS LAYOUT WHICH WAS CREATED BY THE TRUSS MANUFACTURER AND THE TRUSS DESIGNER ALSO DENIES RESPONSIBILITY FOR THE LAYOUT PER NOTES ON THEIR SEALED

DESIGN CRITERIA & LOADS:

TRUSS SHEETS.

F		7TH EDITION FLORIDA BUILDING CODE RESIDENTIAL (2020)					
CODE FOR DESIGN LC	ASCE 7-16						
WINDLOADS							
BASIC WIND SPEED (ASCE 7-10, 3S GUST)		130 MPH					
WIND EXPOSURE (BUILDER MUST FIELD	VERIFY)	С					
TOPOGRAPHIC FACTO (BUILDER MUST FIELD		I					
RISK CATEGORY		11					
ENCLOSURE CLASSIF	ICATION	ENCLOSED	1				
INTERNAL PRESSURE COEFFICIENT		0.18					
ROOF ANGLE		7-45 DEGRI	EES				
MEAN ROOF HEIGHT		30 FT					
C&C DESIGN PRE	ESSURES	SEE TABLE					
FLOOR 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	20 PSF LIVE LOAD				
4:12 TO < 12:12		16 PSF LIVE LOAD					
12:12 & GREATER		12 PSF LIVE LOAD					
SOIL BEARING C	APACITY	1500 PSF					
FLOOD ZONE		THIS BUILDING IS NOT IN THE FLOOD ZONE					
COMPONENT & C		DESIGN P	RESS	SURES 130 MI	PH (EXP C)		
EFFECTIVE WIND AREA (FT2)	ZONE 4 INTERIOR			ZONE 5 END 4' FROM ALL OUTSIDE CORNER			
0 - 20	+25.6(Vas	sd) -27.8(V	/asd)	+25.6(Vasd)	-34.2(Vasd)		
0 - 20	+42.6(Vı	ult) -46.2(\	/ult)	+42.6(Vult)	-57(Vult)		
GARAGE DOOR	DESIGN P	RESSURE	ES 13	MPH (EXP C			
				-	-		
9x7 GARAGE DOOR	-	+22.6(Vasd)	-25.5	(Vasd)			

Ronnie Shuman Res	

DIMENSIONS:
Stated dimensions supercede scaled
dimensions. Refer all questions to

lark Disosway, P.E. for resolution. Do not proceed without clarification

COPYRIGHTS AND PROPERTY RIGHTS: Mark Disosway, P.E. hereby expressly reserved its common law copyrights and property right in these instruments of service. This document is not to be reproduced, altered or copied in any

permission and consent of Mark Disosway. 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.

form or manner without first the express written

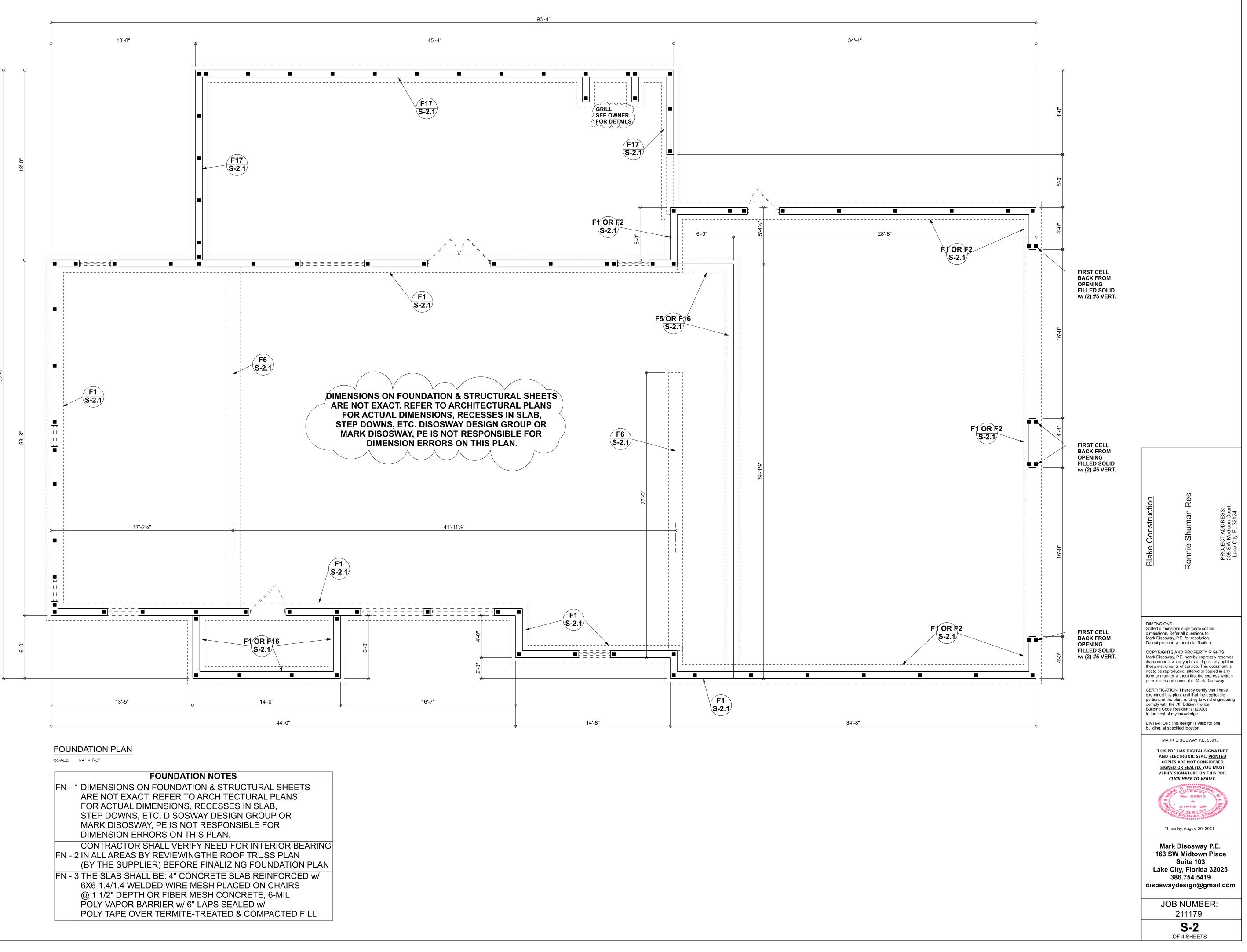
LIMITATION: This design is valid for one building, at specified location.



Thursday, August 26, 2021

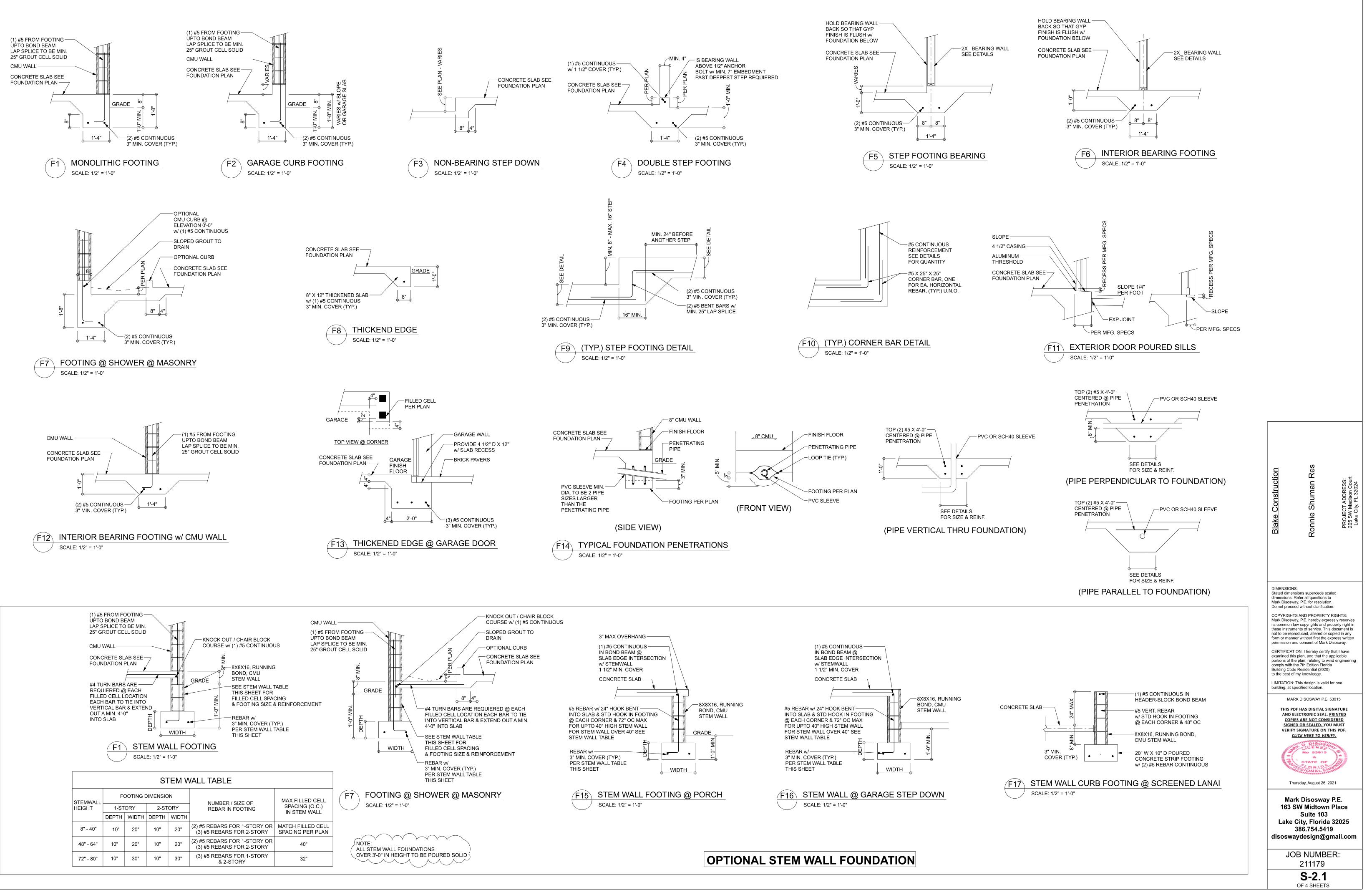
Mark Disosway P.E. 163 SW Midtown Place Suite 103 Lake City, Florida 32025 386.754.5419 disoswaydesign@gmail.com

> JOB NUMBER: 211179 **S-1** OF 4 SHEETS



	FOL	JND	ΑΤΙ	DN N	TO	ES	
211					\sim \sim -		

FN - 1	DIMENSIONS ON FOUNDATION & STRUCTURAL ARE NOT EXACT. REFER TO ARCHITECTURAL F FOR ACTUAL DIMENSIONS, RECESSES IN SLAB STEP DOWNS, ETC. DISOSWAY DESIGN GROUF MARK DISOSWAY, PE IS NOT RESPONSIBLE FO DIMENSION ERRORS ON THIS PLAN.
FN - 2	CONTRACTOR SHALL VERIFY NEED FOR INTER IN ALL AREAS BY REVIEWINGTHE ROOF TRUSS (BY THE SUPPLIER) BEFORE FINALIZING FOUN
FN - 3	THE SLAB SHALL BE: 4" CONCRETE SLAB REIN 6X6-1.4/1.4 WELDED WIRE MESH PLACED ON C @ 1 1/2" DEPTH OR FIBER MESH CONCRETE, 6 POLY VAPOR BARRIER w/ 6" LAPS SEALED w/ POLY TAPE OVER TERMITE-TREATED & COMPA



<u>TYPE DE</u>	SIGNATION
F = FILLED V	VITH GROUT / U = UNFILLED / S = SOLID
	OUANTITY OF #5 FIELD ADDED REBAR AT BOTTOM OF LINTEL CAVITY
8F16-1B	/1T
NOMINAL HEIGHT	QUANTITY OF #5 FIELD ADDED REBAR AT TOP

	- #5 FIELD ADDED REBAR AT TOP MIN. (1) REQ'D
	CLEAR
15-56°ACTUAL 16" NOMINAL WIDTH	FIELD PLACED C.M.U.
	- GROUT
	#5 FIELD ADDED REBAR AT BOTTOM OF LINTEL CAVITY
8" NOMINAL WIDTH	BOTTOM REINFORCING PROVIDED IN LINTEL (SEE REINFORCING SCHEDULE)

MATERIALS 1. f'c 8" precast lintel = 3500 psi

2. f'c prestressed lintel = 6000 psi 3. Grout per ASTM C476 f'c = 3000 psi w/ maximum 3/8 inch aggregate & 8 to 11 inch slump 4. Concrete Masonry Units (CMU) per ASTM C90 w/minimum net area compressive strength = 1900 psi 5. Rebar per ASTM A615 grade 60 6. Prestressing strand per ASTM A416 grade 270 low relaxation 7. Mortar per ASTM C270 type M or S

GENERAL NOTES

1. Provide full mortar bed and head joints. 2. Shore filled lintels as required. 3. Installation of lintel must comply with the architectural and/or structural documents. 4. U-Lintels are manufactured with 5 1/2" long notches at the ends to accomodate vertical cell reinforcing and grouting. 5. All lintels meet or exceed L/360 deflection, except lintels 17'-4" and longer with a nominal height of 8" meet or exceed L/180 deflection.Bottom field added rebar to be located at the bottom

Solution field added repartition be located at the bottom of the lintel cavity.
7. 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.

Safe load rating based on rational design analysis per ACI 318 and ACI 530
Product Approvals: Miami-Dade County, Florida No. 03-0606.05

11. The exterior surface of lintels installed in exterior concrete masonry walls shall have a coating of stucco applied in accordance with ASTM C-296 or other approved coating.

12. Lintels loaded simultaneously with vertical (gravity or uplift) and horizontal (lateral) loads should be checked for the combined loading with the following equation:

Applied vertical load Safe vertical load + Applied horizontal load \$\$1.0\$ Additional lateral load capacity can be obtained by the designer by providing additional reinforced concrete masonry above the lintel. See detail at right:

SAFE LOAD TABLE NOTES

1. All values based on minimum 4 inch nominal bearing. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is

less than 6 1/2 inches. 2. N.R. = Not Rated

3. Safe loads are superimposed allowable loads. 4. Safe loads based on grade 40 or grade 60 5. One #7 rebar may be substituted for two

#5 rebars in 8" lintels only 6. The designer may evaluate concentrated loads from the safe load tables by

calculating the maximum resisting moment and shear at d-away from face of support. 7. For composite lintel heights not shown, use safe load from next lower height shown.

8. For lintels lengths not shown, use safe load from next longest length shown 9. All safe loads in units of pounds per linear

10. All safe loads based on simply supported span. 11. The number in the the parenthesis

indicates the percent reduction for grade 40 field added rebar. Example 7'-6" lintel type 8F32-1B safe

gravity load = 6472\H0.0469;(15)\H0.0781; w/ 15% reduction $6472 \Rightarrow (.85) = 5501$ plf

	SA	FE GRAVITY LO))r 8" pf	RECAST	& PRES	TRESSE	, D U-LIN	TELS	
<	(asr	^			ELOAD					
<u> </u>	~	TYPE		8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0
LENGT	н		8U8	8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1
2'-10"	(34")	PRECAST	2231	3069	4605	6113	7547	8974	10394	11809
2-10	(04)	THEORET	2201	3069	4605	6113	7547	8974	10394	11809
3'-6"	(42")	PRECAST	2231	3069 3069	3719 4605	5163 6113	6607 7547	8054 8974	9502 10394	10951 11809
				2561	2751	3820	4890	5961	7034	8107
4'-0"	(48")	PRECAST	1966	2693	4605	6113	7547	8974	10394	11809
4'-6"	(54")	PRECAST	4500	1969	2110	2931	3753	4576	5400	6224
	(01)	THEORET	1599	2189	4375	6113	7547 (7)		10294	11809
5'-4"	(64")	PRECAST	1217	1349	1438	1999	2560	3123	3686	4249
			-	1663 1105	3090 1173	5365 1631	7547 ₍₃₆ 2090) 7342 ₍₁₉₎ 2549	8733 ₍₁₉₎ 3009) 10127(3470
5'-10"	(70")	PRECAST	1062	1451	2622	4360	7168 (45)	6036(19		
	(70)	DDEALAT		1238	2177	3480	3031	3707	4383	5061
6'-6"	(78")	PRECAST	908	1238	2177	3480	5381	8360	10394(37)	8825 (*
7'-6"	(90")	PRECAST	743	1011	1729	2632	2205	2698	3191	3685
1-0	(90)	TRECAST	743	1011	1729	2661	3898	5681	8467(44)	
9'-4"	(112")	PRECAST	554	699	1160	1625	2564	3486	2818	3302
	. ,		+	752	1245	1843	2564	3486	4705(37)	· ·
10'-6"	(126")	PRECAST	475	535	890	1247 1533	2093	2777	2163	2536
			+	643 582	1052 945	1533	2093 1846	2781 2423	3643 ₍₃₈₎ 3127	4754 (4006
11'-4"	(136")	PRECAST	362	582	945	1366	1846	2423	3127	4006
				540	873	1254	1646	2193	2805	3552
12'-0"	(144")	PRECAST	337	540	873	1254	1684	2193	2805	3552
				471	755	1075	1428	1838	2316	2883
13'-4"	(160")	PRECAST	296	471	755	1075	1428	1838	2316	2883
14'-0"	(168")	PRECAST	279	424	706	1002	1326	1697	2127	2630
14-0	(100)	I NECKOT	2/9	442	706	1002	1326	1697	2127	2630
14'-8"	(176")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
	. ,			458	783 NR	1370	1902	2245 NR	2517 NR	2712 NR
15'-4"	(184")	PRESTRESSED	N.R.	NR 412	710	NR 1250	NR 1733	2058	2320	2513
				NR	NR	NR	NR	NR	NR	NR
17'-4"	(208")	PRESTRESSED	N.R.	300	536	950	1326	1609	1849	2047
101 4"	(000)	DECETRECCED		NR	NR	NR	NR	NR	NR	NR
19'-4"	(232")	PRESTRESSED	N.R.	235	418	750	1037	1282	1515	1716
21'-4"	(256")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
	()		IN.FL	180	340	598	845	1114	1359	1468
22'-0"	(264")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
				165 ND	315 ND	550	784	1047	1285	1399 ND
24'-0"	(288")	PRESTRESSED	N.R.	NR 129	NR 250	NR 450	NR 654	NR 884	NR 1092	NR 1222
			1							
S	AFE G	RAVITY LOAD	S FOR	8" PRE	CAST w	2" REC	CESS D	OOR U-	LINTEL	S
(castr-(creare				SAFE	LOAD -	POUN	DS PER	LINEA	R FOOT	
TYPE		TYPE	00110	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B	8RF30-0
ENG	ТН		8RU6		8RF10-1B	8RF14-1B	8RF18-1B	8RF22-1B	8RF26-1B	8RF30-1
4'-4"	(52")	PRECAST	1635	1749	3355	3280	4349	5421	6493	7567
	(02)		1000	1891	3699	5206	6639	8060	9479	10893
4'-6"	(54")	PRECAST	1494	1596	3063	2992	3968	4946	5924	6904
	/			1756 920	3699 1770	5206	6639	8060 2839	9479 3402	10893 3966
5'-8"	(68")	PRECAST	866	920	2481	1716 4567	2277 6389	2839 8060 (34)	3402 7917 (19)	9311 (
				859	1653	1600	2124	2649	3174	3700
FI 4 65	(70")	PRECAST	810	1113	2342	4242	6639 (10)	8060 (39)	7402 (19)	8706 (
5'-10"	(10)						5048	7747	9448	7360
	. ,	DDE0	70-	901	1825	3120	0040	1141	3440 1	
	(80")	PRECAST	797	901 901	1825 1825	3120	5048	7915	9479	
6'-8"	(80")									
	. ,	PRECAST	797 669	901	1825	3120	5048 3776 3776	7915	9479	10893 ₍₃ 5623 10893 ₍
6'-8"	(80") (90")			901 755	1825 1490	3120 2459	5048 3776	7915 5743	9479 7239	10893 (3

CJ01⊸ CJ03⊸

CJ05≕ _T01⊟⊸ະຶິ

T02⊸ਡੈ T03—⊲—

T04 T05–⊸ T06

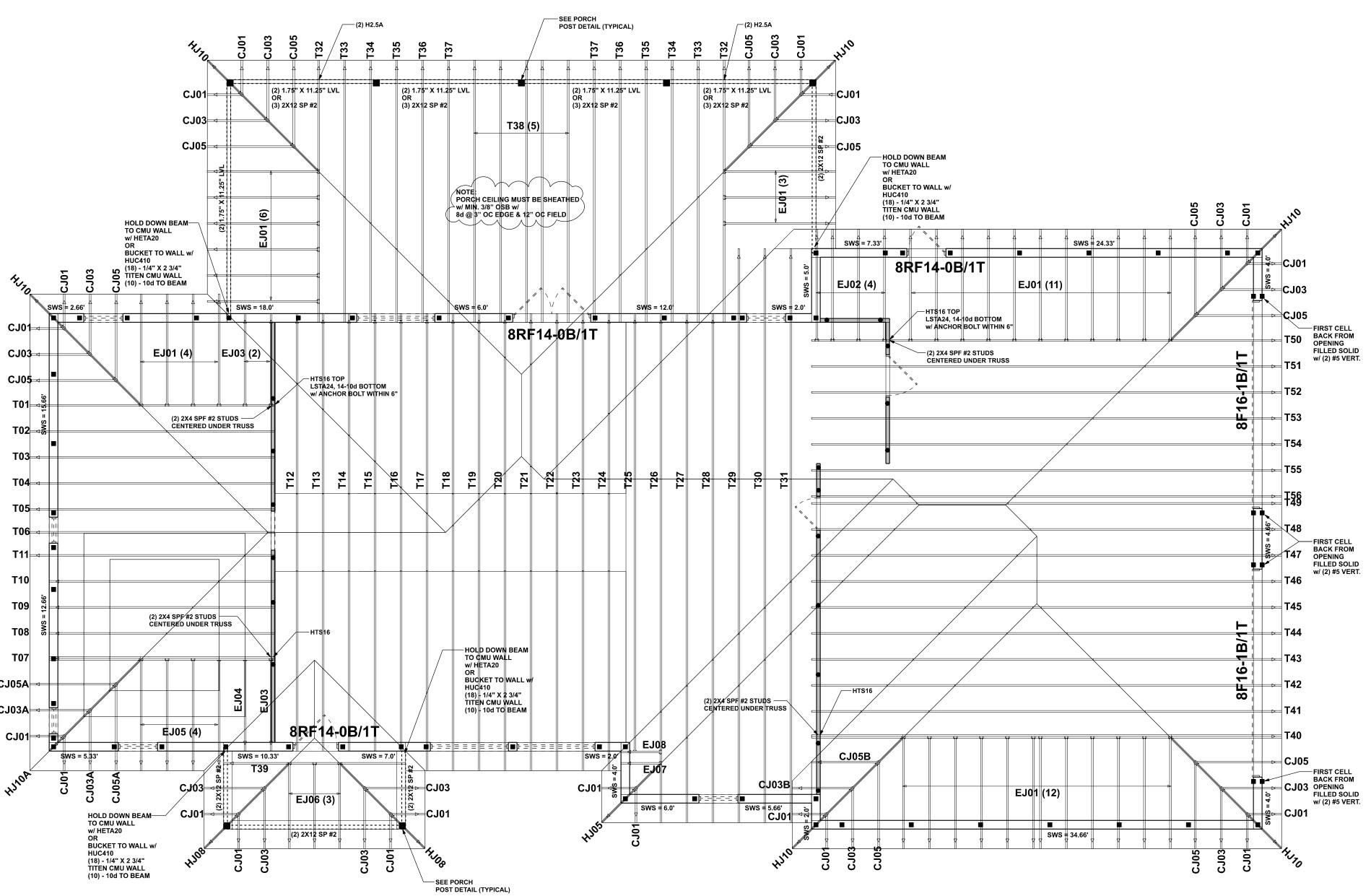
T11⊨⊲

T10

Т09 Т08

T07

CJ05A= CJ03A⊸

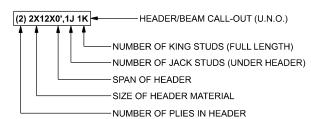


STRUCTURAL PLAN SCALE: 3/16" = 1'-0"

- STRUCTURAL PLAN NOTES
- DIMENSIONS ON STRUCTURAL SHEETS SN-1 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. SN-2

LATERAL BRACING IS TO BE RESTRAINED PER BCSI-03, BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

FRAME HEADER LEGEND



THREADED ROD LEGEND

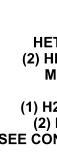
 \bullet ------- INDICATES LOCATION OF: 3/8" A307 ALL THREADED ROD

ACTUAL vs REQUIRED SHEARWALL TRANSVERSE LONGITUDUNAL 51.9' 143.3' ACTUAL

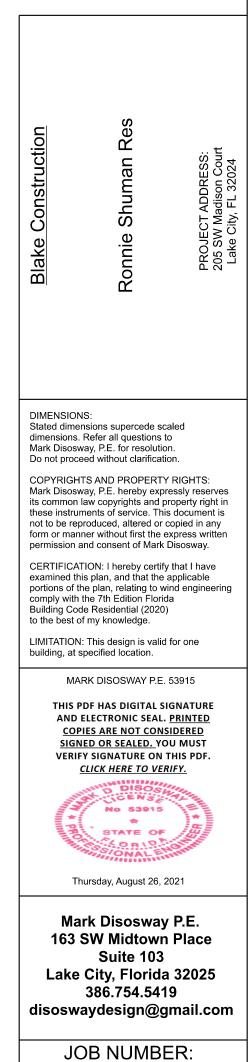
25.0 REQUIRED 35.0'

UNLESS NOTED OTHERWISE ON STRUCTURAL PLANS 1. USE HETA16 CMU TO TRUSS

- 2. USE H2.5A FRAME TO TRUSS
- 3. ALL LENTELS TO BE: 8F16-0B/1T 4. ALL LOAD BEARING FRAME WALL & PORCH HEADERS
- SHALL BE A MINIMUM OF (2) 2X12 SP #2 5. ALL LOAD BEARING FRAME WALL HEADERS
- SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE



ENGINEERED TRUSSES ATTACH PER TRUSS UPLIFT TO CMU WALLS: HETA16 FOR UP TO 1350 LB UPLIFT (2) HETA16 FOR UP TO 2035 LB UPLIFT MGT FOR UP TO 3965 LB UPLIFT TO FRAME WALLS: (1) H2.5A FOR UP TO 495 LB UPLIFT OR (2) H2.5A FOR UP TO 990 LB UPLIFT SEE CONNECTOR TABLE OR SIMPSON BOOK FOR ADDITIONAL OPTIONS



211179 **S-3** OF 4 SHEETS

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. BUILDERS FIRST SOURCE JOB #2902489