

PLATE NAILED TO TRUSS

w/ .131X3 1/4" @ 6" OC

- EXTERIOR SHEATHING

BETWEEN POINTS OF

NOTE: IF TRUSS TO BEAM

STRAPS ARE NAILED

TRUSSES @ ► 24" OC

BLOCKING

.131"X3 1/4"/¶

LTERNATE FOR LOWER

<u>CEILING ON ONE SIDE</u>

MIN. LENGTH 12"

@ 24" OC w/

NAILS EACH

____ 8d @ 6" OC

---- 7/16" OSB

— 8d @ 6" OC

FULL HEIGHT 3/8" ROD IS NOT REQUIRED

OF THE FULL HEIGHT 3/8" ROD

@ ENDS OF SHEARWALLS THAT ARE ATTACHED

v/ INTERSECTING SHEARWALL PER CORNER

ALSO HTT4 HOLD DOWN CAN DO USED IN PLACE

OPENING FORCE TRANSFER

WOOD FRAME

OR 2X6 BLOCKING

END IN TO TRUSS

& TO THE TOP PLATE

8d @ 6" OC

TOP PLATE -

ARE NOT REQUIRED

LSTA24 @ -

POCKETED

TOP PLATE

TO BEAM

IF TRUSS TO BEAM

STRAPS ARE NAILED

SHEATHING NAILED

TO TOP PLATES w/ 8d 3" OC

w/ (2) ROWS OF 8d @ 6" OC

LSTA24 ARE NOT REQUIRED

(NAILING MAY BE STAGGERED

& SHEATHING NAILED TO HEADER

ALLOWABLE UPLIFT:

(2) 2X SPF #2 TOP PLATE

NAILED TOGETHER w/

- STUD PACK

UNDER POINT LOAD

w/ .131"X3.25" NAILS

@ 6" OC STAGGERED

NAIL EACH PLY

.131"X3" NAILS @ 8" OC

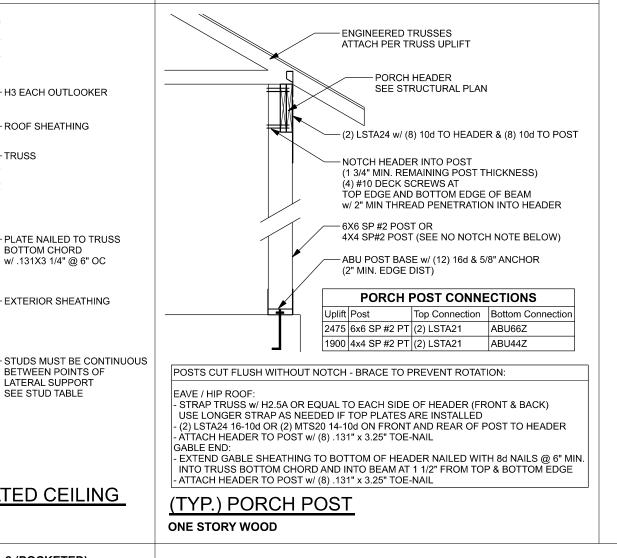
(DROPPED BEAM)

BENEATH

LATERAL SUPPORT

SEE STUD TABLE

BOTTOM CHORD





EXTERIOR WALL STUD TA	ABLE FOR SPF #2 STUDS:			
THIS STUD HEIGHT TABLE IS PER 2012 WFCM, TABLE 3.20B5, EXTERIOR LOAD BEARING & NON LOAD BEARING STUD LENGTHS FOR WALLS WITH OSB EXTERIOR AND 1/2" GYP INTERIOR RESISTING INTERIOR ZONE WINDLOADS, 130 MPH, EXPOSURE C, STUD DEFLECTION LIMIT H/240 (NOT OK FOR BRITTLE FINISH). STUD SPACINGS SHALL BE MULTIPLIED BY 0.8 FOR FRAMING LOCATED WITHIN 4 FEET OF CORNERS FOR END ZONE LOADING. (END ZONE EXAMPLE 16" O.C. x 0.8 = 12.8" O.C.)				
(1) 2x4 @ 16" OC	TO 10'-1" STUD HEIGHT			
(1) 2x4 @ 12" OC	TO 11'-2" STUD HEIGHT			
(1) 2x6 @ 16" OC	TO 15'-7" STUD HEIGHT			
(1) 2x6 @ 12" OC	TO 17'-3" STUD HEIGHT			

· /				
(1) 2x6 @ 16" OC				TO 15'-7" STUD HEIGHT
(1) 2>	(1) 2x6 @ 12" OC			TO 17'-3" STUD HEIGHT
GRADE & SPECIES TABLE				
GKA	DE & SPECIES IA	ADLE		
		Fb	Е	
2x8	SP #2	925	1.4	
2x10	SP #2	800	1.4	
2x12	SP #2	750	1.4	
GLB	24F-V3 SP	2600	1.9	
LSL	TIMBERSTRAND	1700	1.7	
LVL	MICROLAM	2950	2.0	
PSL	PARALAM	2900	2.0	

2X4 SPF #2 -

.

BLOCKING

-2X4 SPF #2

BLOCKING

- .131"X3 1/4" @ 6" OC

--- 7/16" OSB

ALTERNATE IF TRUSS

IS CLOSE TO SHEARWALL

−8d @ 6" OC

- ROOF SHEATHING

-ROOF TRUSS

- 7/16" OSB FULLY BLOCKED

FROM SLAB TO ROOF DECK

8d 6" OC EDGE, 12" OC FIELD

-V- - - - - - - -

ARE PERPENDICULAR TO SHEARWALL

ALTERNATE IF TRUSSES

(NOTE: HAVE TRUSS DESIGNER LOAD TRUSS

FOR 400 PLF DRAG LOAD)

INTERIOR SHEAR WALI

ONE STORY WOOD FRAME w/ STRAPS & AB

/---- 8d @ 6" OC

GENERAL NOTES: 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, RUSS-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 UPLIET 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 = 85KSL 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' IBER 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 ÀCCORDANCE WITH ACI 315-96, U.N.O.

ROOF SHEATHING: ALL ROOFS ARE HORIZONTAL DIAPHRAGMS: SHEATHING. UNBLOCKED, APPLIED PERPENDICULAR TO FRAMING, OVER A MINIMUM OF 3 FRAMING MEMBERS, WITH PANEL EDGES STAGGERED.

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.

	BUILDER'S RESPONSIBILITY:				
	THE BUILDER AND OWNER ARE RESPONSIBLE FOR THE FOLLOWING, WHICH AF 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 FRCR IS BASED ON REACTIONS, UPLIFTS, AND BEARING LOCATIONS IN TRUSS ENGINEERING SUBMITTED TO THE WIND LOAD ENGINEER. IT I 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 TO REVIEW EACH 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 TH

TRUSS MANUFACTURER AND THE TRUSS DESIGNER ALSO DENIES

RESPONSIBILITY FOR THE LAYOUT PER NOTES ON THEIR SEALED

DESIGN CRITERIA & LOADS:

CODE FOR DESIGN LOADS

(BUILDER MUST FIELD VERIFY

(BUILDER MUST FIELD VERIFY

ENCLOSURE CLASSIFICATION

C&C DESIGN PRESSURES SEE TABLE

SOIL BEARING CAPACITY 1500 PSF

WINDLOADS

(ASCE 7-16, 3S GUST)

TOPOGRAPHIC FACTOR

INTERNAL PRESSURE

MEAN ROOF HEIGHT

FLOOR LOADING

ROOMS OTHER THAN

SLEEPING ROOM

SLEEPING ROOMS

FLAT OR < 4:12

4:12 TO < 12:12

12:12 & GREATER

FLOOD ZONE

ROOF LOADING

WIND EXPOSURE

RISK CATEGORY

COEFFICIENT

ROOF ANGLE

FLORIDA BUILDING CODE RESIDENTIAL

ASCE 7-16

7-45 DEGREES

40 PSF LIVE LOAD

30 PSF LIVE LOAD

20 PSF LIVE LOAD

16 PSF LIVE LOAD 12 PSF LIVE LOAD

COMPONENT & CLADING DESIGN DRESSURES 120 MDH (EVD C

THIS BUILDING IS NOT IN THE FLOOD ZONE

Reviewe for Code

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

COPYRIGHTS AND PROPERTY RIGHTS: Mark Disosway, P.E. hereby expressly reserve its common law copyrights and property right in these instruments of service. This document is not to be reproduced, altered or copied in any form or manner without first the express writter 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

Building Code Residential (2020) to the best of my knowledge. LIMITATION: This design is valid for one

comply with the 7th Edition Florida

building, at specified location. MARK DISOSWAY P.E. 53915 THIS PDF HAS DIGITAL SIGNATURE AND ELECTRONIC SEAL. PRINTED COPIES ARE NOT CONSIDERED SIGNED OR SEALED. YOU MUST

VERIFY SIGNATURE ON THIS PDF. CLICK HERE TO VERIFY. CENS No 53915 STATE OF

Thursday, April 7, 2022

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

JOB NUMBER: 220406 **S-1**

OF 3 SHEETS

disoswaydesign@gmail.com

7) 10d — (1 1/2" FILL HALF THE HOLES — (7) 10dX1 1/2" — (7) 10dX1 1/2" — (7) 10dX1 1/2" TO HEADER OR CORNER FILL HALF THE	2X6 SP #2 GARAGE DOOR BUCK ATTACHMENT ATTACH GARAGE DOOR BUCK TO STUD PACK AT EACH SIDE OF DOOR OPENING WITH 3/8"X4" LAG SCREWS W 1" WASHER LAG SCREWS MAY BE COUNTERSUNK. HORIZONTAL JAMBS DO NOT TRANSFER LOAD. CENTER LAG SCREWS OR STAGGER 16d NAILS OR (2) ROWS OF .131X3 1/4" GN PER TABLE BELOW:		
HOLES BETWEEN HEADER & CORNER	DOOR WIDTH 3/8"X4" LAG 16d (2) ROWS OF 131"X3 1/4" NAILS		
PIER I	8' - 10' 24" OC 5" OC 5" OC		
	11' - 15' 18" OC 4" OC 4" OC		
2X4 BLOCKING	16' - 18' 16" OC 3" OC 3" OC		
CS20	2X6 SP #2 DOOR BUCK BRACKET.		
ф ф ф			
NOTE: THIS DETAIL IS INTENDED TO BE USED ONLY FOR NAROW SHEARWALL SEGMENTS AS SPECIFIED ON THE PLAN. THE PIER BESIDE THE OPENING MUST MEET THE ASPECT RATIO REQUIREMENT H/W < 3.5:1 WHERE H IS THE PIER HEIGHT. FOR WINDOWS NOT GREATER THAN 2' HIGHT OR 5' WIDE THE WIDTH OF THE OPENING MAY BE INCLUDED AS FULL HEIGHT			
SHEARWALL IN ADDITION TO THE PIER WIDTH WHEN STRAPPED ACCORDING TO THIS DETAIL. OPENING FORCE TRANSFER	(TYP.) GARAGE DOOR BUCK INSTALLATION		

ROOF TRUSS -

.131"X3 1/4" ----

@ 6" OC

- 7/16" OSB

MIN. LENGTH 12

4) .131"X3 1/4"

END IN TO TRUSS

-2X SPF#2 STUDS

- LSTA24, 10-10d

FOUNDATION

WRAP UNDER PLATE

& TO THE TOP PLATE

- 7/16" OSB FULLY BLOCKED

(3) SIMPSON SDWC15450

- 1/2"X10" ANCHOR BOLT w/ 2" WASHER 48" OC

OF SHEARWALLW/ SIMPSON THD37634RC TO

& FULL HEIGHT 3/8" ROD w/ 3" WASHER EACH END

8d 6" OC EDGE, 12" OC FIELD

NÁILS EACH

@ 24" OC w/

OR 2X6 BLOCKING

TRUSSES @ ►

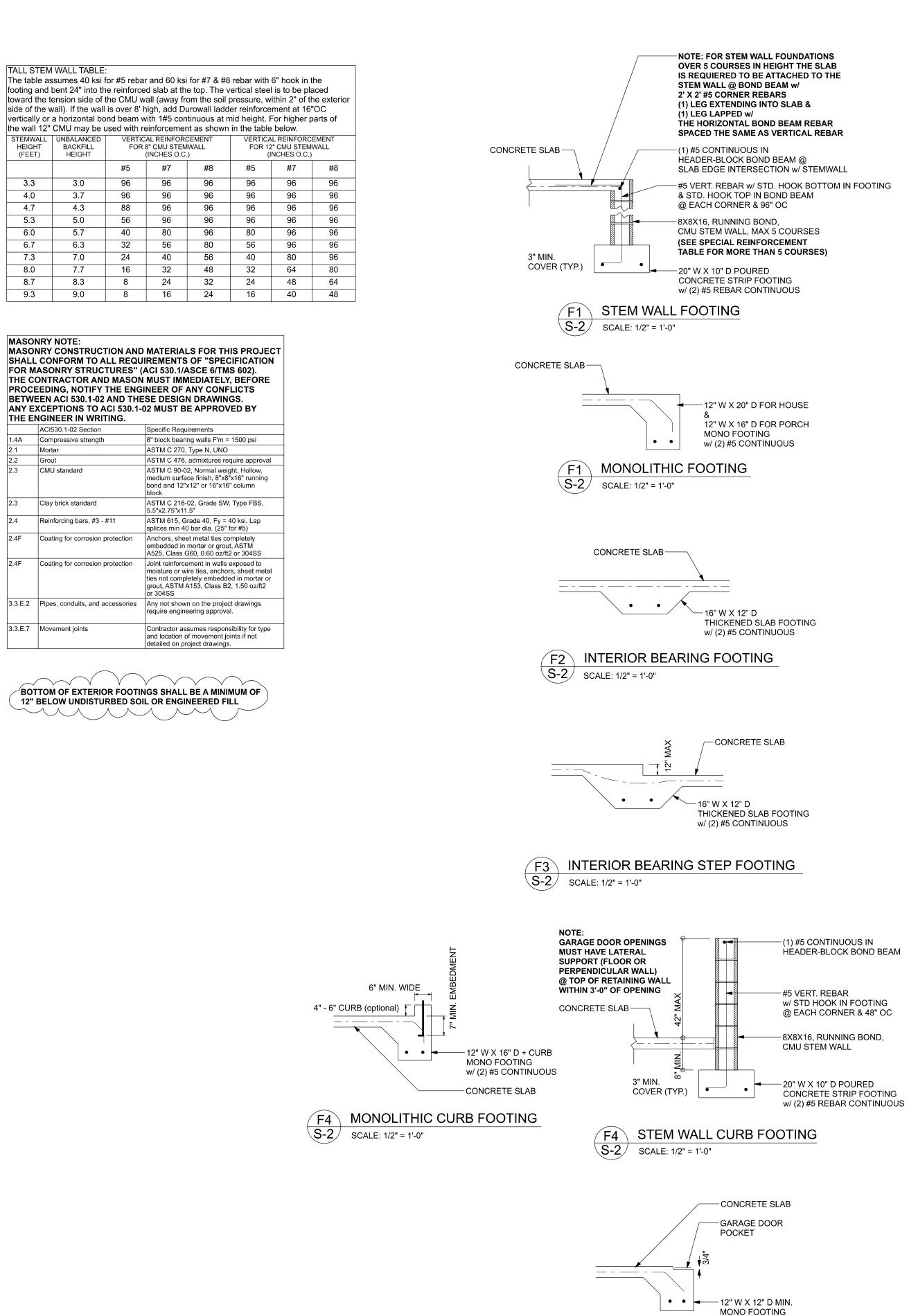
-2X4 SPF #2

BLOCKING

.131"X3 1/4"

-	2X6 SP #2 GARAGE DOOR BUCK ATTACHMENT ATTACH GARAGE DOOR BUCK TO STUD PACK AT EACH SIDE OF DOOR OPENING WITH 3/8"X4" LAG SCREWS w/ 1" WASHER LAG SCREWS MAY BE COUNTERSUNK. HORIZONTAL JAMBS DO NOT TRANSFER LOAD. CENTER LAG SCREWS OR STAGGER 16d NAILS OR (2) ROWS OF .131X3 1/4" GN PER TABLE BELOW:					
		DOOR WIDTH	3/8"X4" LAG	16d STAGGER	(2) ROWS OF .131"X3 1/4" NAILS	
		8' - 10'	24" OC	5" OC	5" OC	
		11' - 15'	18" OC	4" OC	4" OC	
		16' - 18'	16" OC	3" OC	3" OC	
	2X6 SP #2 DOC	OR BUCK ————————————————————————————————————				

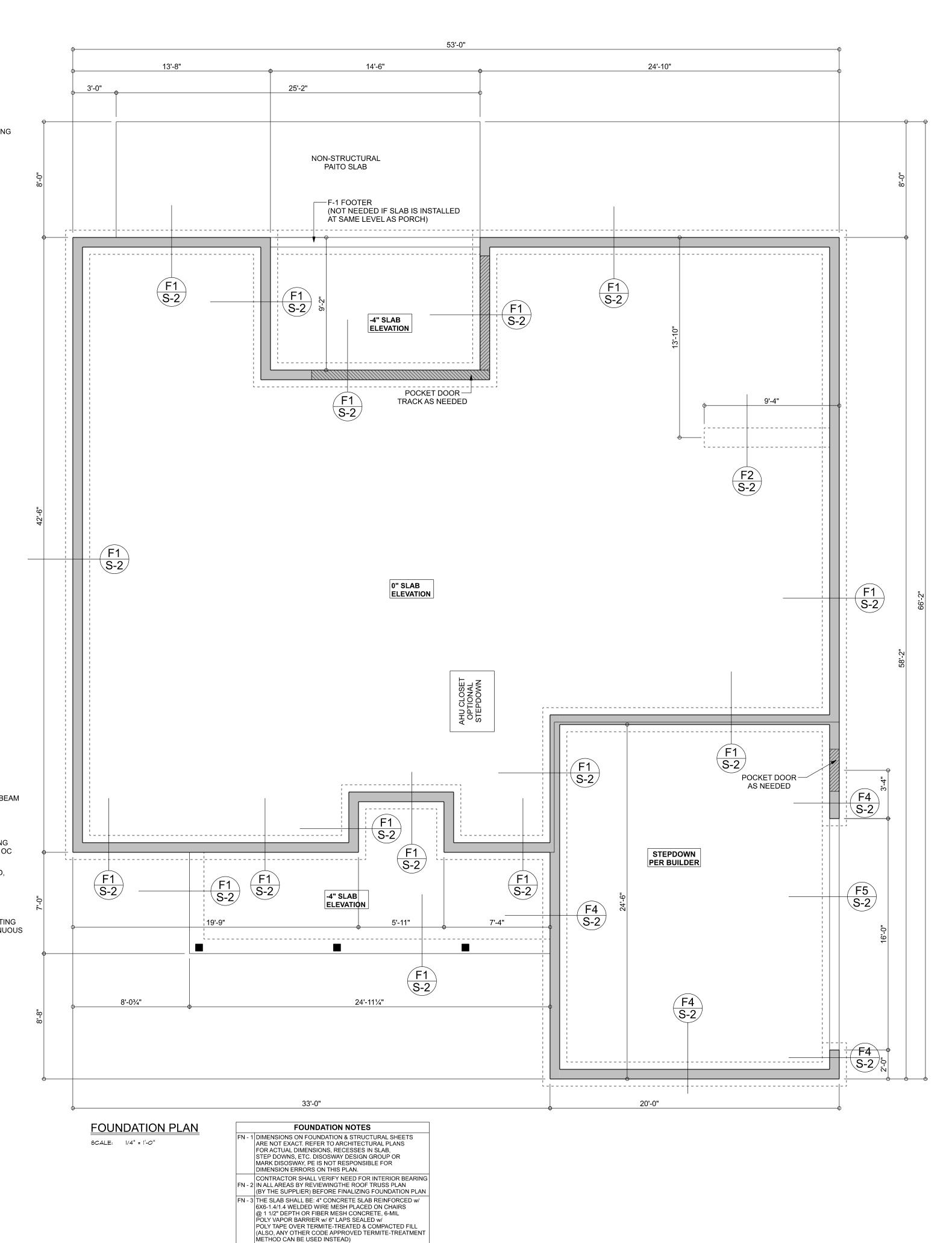
	COMPONENT & CLADING DESIGN PRESSURES 130 N		
	EFFECTIVE WIND AREA (FT2)	ZONE 4 INTERIOR	ZONE 5 END 4' FROM ALL OUTSIDE CORNER
	0 - 20	+25.6(Vasd) -27.8(Vasd)	+25.6(Vasd) -34.2(Vasd)
	0 - 20	+42.6(Vult) -46.2(Vult)	+42.6(Vult) -57(Vult)
(TYP.) GARAGE DOOR BUCK INSTALLATION	GARAGE DOOR	DESIGN PRESSURES 13	30 MPH (EXP C)
WOOD FRAME	9x7 GARAGE DOOR	+22.6(Vasd) -25	.5(Vasd)
WOOD FRAME	16x7 GARAGE DOOR	+21.7(Vasd) -24	.1(Vasd)



w/ (2) #5 CONTINUOUS

GARAGE DOOR POCKET FOOTING

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



DIMENSIONS:

Stated dimensions supercede scaled

dimensions. Refer all questions to

Mark Disosway, P.E. for resolution.

Do not proceed without clarification.

COPYRIGHTS AND PROPERTY RIGHTS:

Mark Disosway, P.E. hereby expressly reserves

its common law copyrights and property right in

not to be reproduced, altered or copied in any

form or manner without first the express written

permission and consent of Mark Disosway.

CERTIFICATION: I hereby certify that I have

examined this plan, and that the applicable

LIMITATION: This design is valid for one

comply with the 7th Edition Florida Building Code Residential (2020)

to the best of my knowledge.

building, at specified location.

portions of the plan, relating to wind engineering

MARK DISOSWAY P.E. 53915
THIS PDF HAS DIGITAL SIGNATURE

AND ELECTRONIC SEAL. PRINTED
COPIES ARE NOT CONSIDERED

SIGNED OR SEALED. YOU MUST

VERIFY SIGNATURE ON THIS PDF.

CLICK HERE TO VERIFY.

No 53915

CORIO

Thursday, April 7, 2022

Mark Disosway P.E.

163 SW Midtown Place

Suite 103

Lake City, Florida 32025

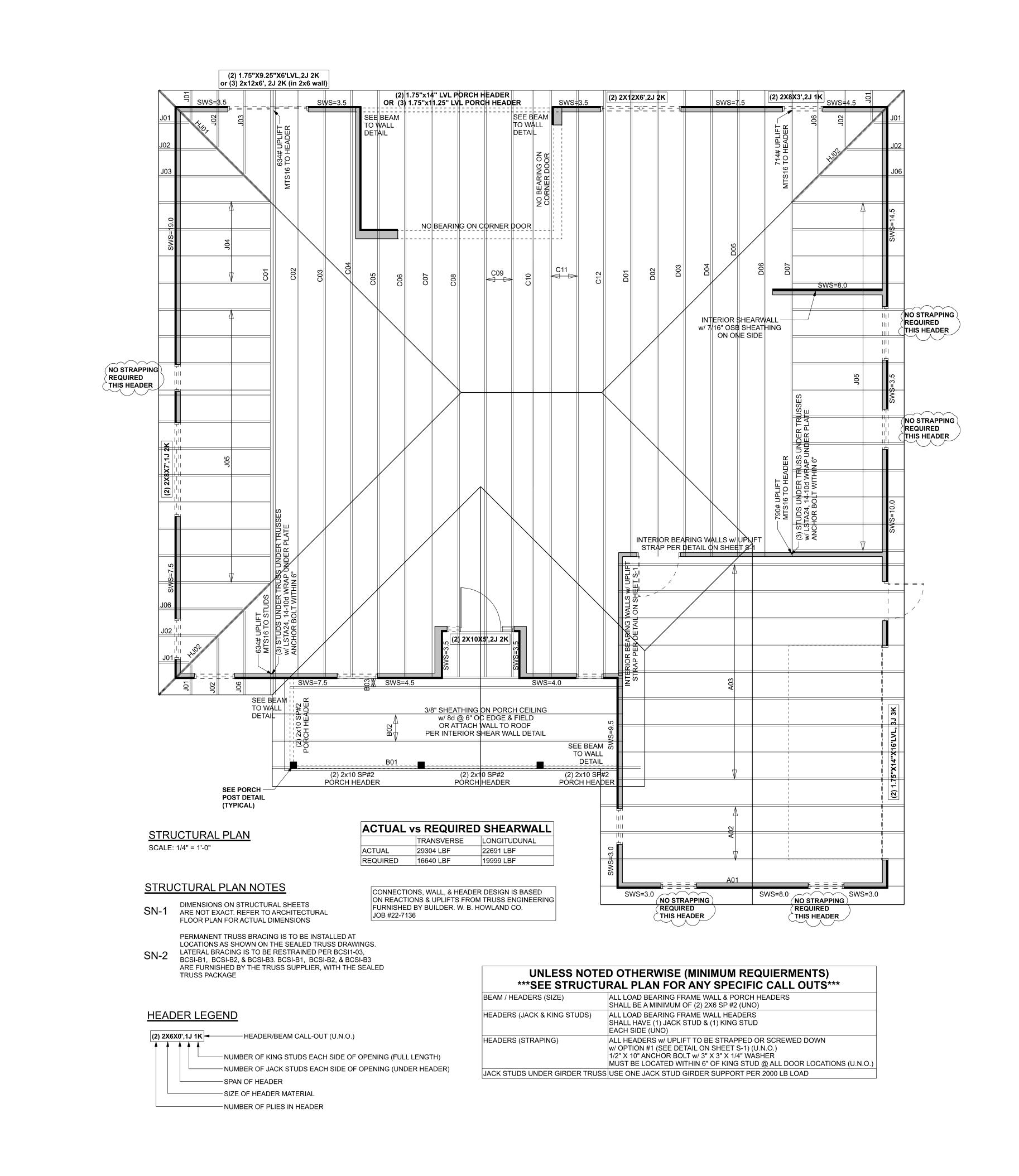
386.754.5419 disoswaydesign@gmail.com

JOB NUMBER:

220406

S-2
OF 3 SHEETS

these instruments of service. This document is



Hiett Res.
PROJECT ADDRESS: 1232 SW High Field Ter

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

COPYRIGHTS AND PROPERTY RIGHTS:
Mark Disosway, P.E. hereby expressly reserves
its common law copyrights and property right in
these instruments of service. This document is
not to be reproduced, altered or copied in any
form or manner without first the express written
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.

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

MARK DISOSWAY P.E. 53915
THIS PDF HAS DIGITAL SIGNATURE
AND ELECTRONIC SEAL. PRINTED
COPIES ARE NOT CONSIDERED
SIGNED OR SEALED. YOU MUST
VERIFY SIGNATURE ON THIS PDF.
CLICK HERE TO VERIFY.



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

JOB NUMBER: 220406

S-3
OF 3 SHEETS