Hanger Notes

* Refer to Simpson Strong-Tie website (www.strongtie.com/products/connectors), or the USP website (www.uspconnectors.com/us/products/conne ctors), for proper use and attachment of the specified hangers.

General Notes

Required interior bearing walls shown @ heights noted

Trusses may not be cut or altered in any way without prior authorization from

ABS, Inc. * Any trusses that are cut or altered without authorization will be repaired or

replaced at the customers expense * No backcharges of any kind will be accepted without prior review and written consent from ABS, Inc.

* For proper truss handling and bracing, refer to the "TPI" documents "BCSI-B1 through B4" Any multi-ply trusses must be attached together per the engineering

specifications prior to installation

* Permanent and temporary bracing is the responsibility of the truss installer. The "Engineer of Record" for the project is responsibile for the design of the permanent bracing, the diaphram system, shear walls, and structural elements to resist lateral loads from wind and or seismic activity. The "EOR" is also responsible to call out the required strapping materials to sufficiently attach the trusses to the load bearing structure below, to verify truss design specifications (pitch, span, profiles, applied loading, wind application, etc.), and for

the overall design and placement plan of

the truss system.

If any job site accidents occur involving trusses, the installer must immediately stop work on the project and notify a representative of ABS, Inc.. All trusses involved in an accident must be inspected by a licensed structural engineer to determine the cause of the accident. The builder assumes all liability if trusses involved in an accident are altered or moved in any way before an inspection is completed. All decisions regarding necessary repairs or replacement of trusses will be based on the recommendation of the report submitted by the structural engineer.

MULTI-PLY ATTACHMENT

* For 4-ply or 5-ply attachment, refer to the Detail Packet Sheet: "STANDARD BOLT TO SCREW TRUSS CONNECTION DETAIL" -"T-4PLY OR 5PLY SCREW"

* * * C R I T I C A L * * * ATTN: FRAMER For multi-ply girder attachments, refer to engineering for specific instructions for

attaching plies. Each ply must be applied in

layers per the nailing specifications. -----2-ply trusses may be nailed from one face.

For 3-ply trusses, the first two plies are nailed together from one face, then third ply is attached to either face of first two plies.

For 4 ply trusses, after assembling the first three plies, attach fourth ply to either face.

For 5 ply trusses, after assembling the first

four plies, attach fifth ply to either face.

(Refer to engineering for additional bolts or screw rqrmts and the "STANDARD BOLT TO SCREW TRUSS CONNECTION DETAIL" for substituting screws for bolts, located in the engineering detail pkg.

NOTE: Bolts/Screws are intended to provide clamping force to aid in allowing the mult-ply assembly to act as a unit and are not included in the calculation of ply-to-ply load transfer.

Designed Per ASCE 7-16

Loading and Design Criteria

	Roof	Floor		
TC LL	20	40	Mean Hgt	15'
TC DL	20	10	Wind Speed	170
BC LL	0	0	Exposure	С
BC DL	10	5		
Duration	1.25	1.00		
	- 1		1 9 0	



Builder: DR Horton Ft Myers

Model: 2414 B 12/7/2020 | Carl F | Joe D

Wind Importance Factor Occupancy/Risk Category Lanai, Entry, Porch EXPOSED TO WIND

TRUSSES DESIGNED FOR TILE OR SHINGLE APPLICATIONS

1X

Hatch Legend				
12' 8" BRG HGT				
12' 0" CEILING HGT				

Truss Connector Total List

HUS26

HGUS28-2

Qty

14

Manuf Product

	Truss	List of <	5000# rea	ction & <-1	.000# uplift	
Truss	Qty	Span		Reac	tions	
A1	2	47-10-08	4948.71 lb -2290.18 lb			
A10	1	47-09-04	220.34 lb -209.11 lb	3236.27 lb -1559.32 lb	1750.10 lb -636.86 lb	
A11	1	47-09-04	174.75 lb -254.84 lb	3325.18 lb -1588.75 lb	1742.40 lb -625.22 lb	
A12	1	47-09-04	92.91 lb -349.08 lb	3497.86 lb -1655.77 lb	1720.50 lb -604.69 lb	
A13	1	47-09-04	181.25 lb -213.54 lb	556.24 lb -1654.15 lb		1536.77 lb -552.64 lb
A18	1	47-10-08	2084.81 lb -708.29 lb	3109.65 lb -1083.06 lb	399.96 lb -130.19 lb	
A19	1	47-10-08	2061.26 lb -705.99 lb	3157.76 lb -1091.83 lb	357.79 lb -123.72 lb	
A20B	1	47-10-08	1909.93 lb -622.46 lb	3698.35 lb -1366.87 lb	73.64 lb -250.99 lb	
A21B	1	47-10-08	1865.67 lb -627.11 lb	3583.94 lb -1348.99 lb	60.41 lb -200.12 lb	
A22B	1	47-10-08	1607.14 lb -625.73 lb	3300.41 lb -1352.41 lb		
A23	1	47-10-08		6652.87 lb -3033.37 lb	73.87 lb -125.70 lb	
A5	1	47-09-04	0.00 lb -484.14 lb	3637.80 lb -1706.69 lb	1682.29 lb -590.18 lb	
A6	1	47-09-04	61.24 lb -359.02 lb	3452.72 lb -1643.44 lb	1713.13 lb -609.28 lb	
Α7	1	47-09-04	194.21 lb -238.82 lb	3251.40 lb -1558.77 lb	1749.26 lb -633.96 lb	
A8B	1	47-09-04	240.47 lb -205.72 lb	3174.37 lb -1541.32 lb	1756.71 lb -642.98 lb	
А9В	1	47-09-04	268.76 lb -220.80 lb	3151.70 lb -1522.05 lb		
взв	1	29-06-08	2464.41 lb -1467.60 lb	4036.99 lb -1954.98 lb		
C1B	1	20-01-00	1382.08 lb -1412.69 lb	1381.48 lb -1411.64 lb		
D4	2	14-10-08	4490.97 lb -1973.42 lb	8589.95 lb -3662.45 lb		

Engineer of Record for the Structure Structural Systems of N. Fl, Inc. Raul Reyes, PE 88925 1634 SE 47th Street #3 Cape Coral, FL 33904

This document has been reviewed for conformance with the design intent of the structure and specified design criteria.

Accepted As Noted

Revise and Resubmit

14-04-00

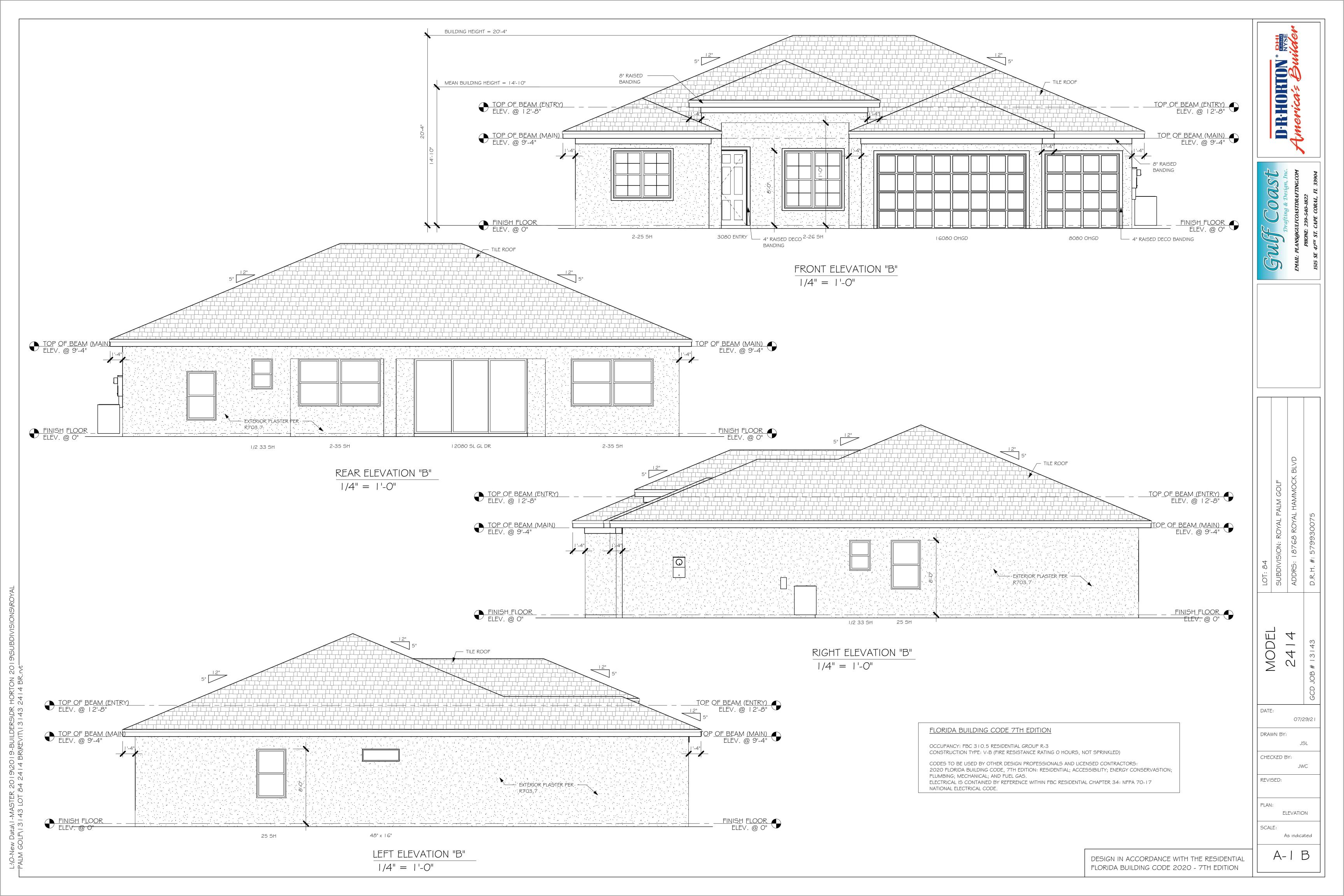
16-04-00

14-04-00 16-02-08 11-01-08 18-00-00 Truss Design Reaction Truss Design Reaction 7-00-00 7-00-00 / -2290 lb - / -1497 lb Horizontal: - / - Ib Horizontal: - / - lb Truss Design Reaction CJ03 / -16**5**4 lb Horizontal: - / - Ib EXPOSED TO WIND A21B A14(3) 2-00-00 2-00-00 TRUSSES STRADDLE AHU | Truss D | A19 | - / -109 | Horizor | A208 | A218 | A228 Truss Design Reaction
B3B Truss Design Reaction Truss Design Reaction - / -1955 lb 8590 / -3662 lb Truss Design Reaction
A18 V4A Horizontal: - / - lb - / -1468 lb Horizontal: - / - lb Horizontal: - / - Ib - / -1083 lb Truss Design Reaction Horizontal: - / - lb - / -1413 lb - / -1412 lb Horizontal: - / - lb Horizontal - / - Ib C1B 1-11-06 2-02-08 EXPOSED TO WIND 2-00-00 2-00-00 12-08-00 EJ06(5) 2-00-00 2-00-00 D2B₁-05-08 CJ03 CJ01A 3-00-00 EJ04C(4) SEE STRUCTURAL EJ04(8 2-00-00 PLANS FOR < CJ01A 00-1 **CONNECTIONS TO** BLOCK BY OTHERS EJ06(4)

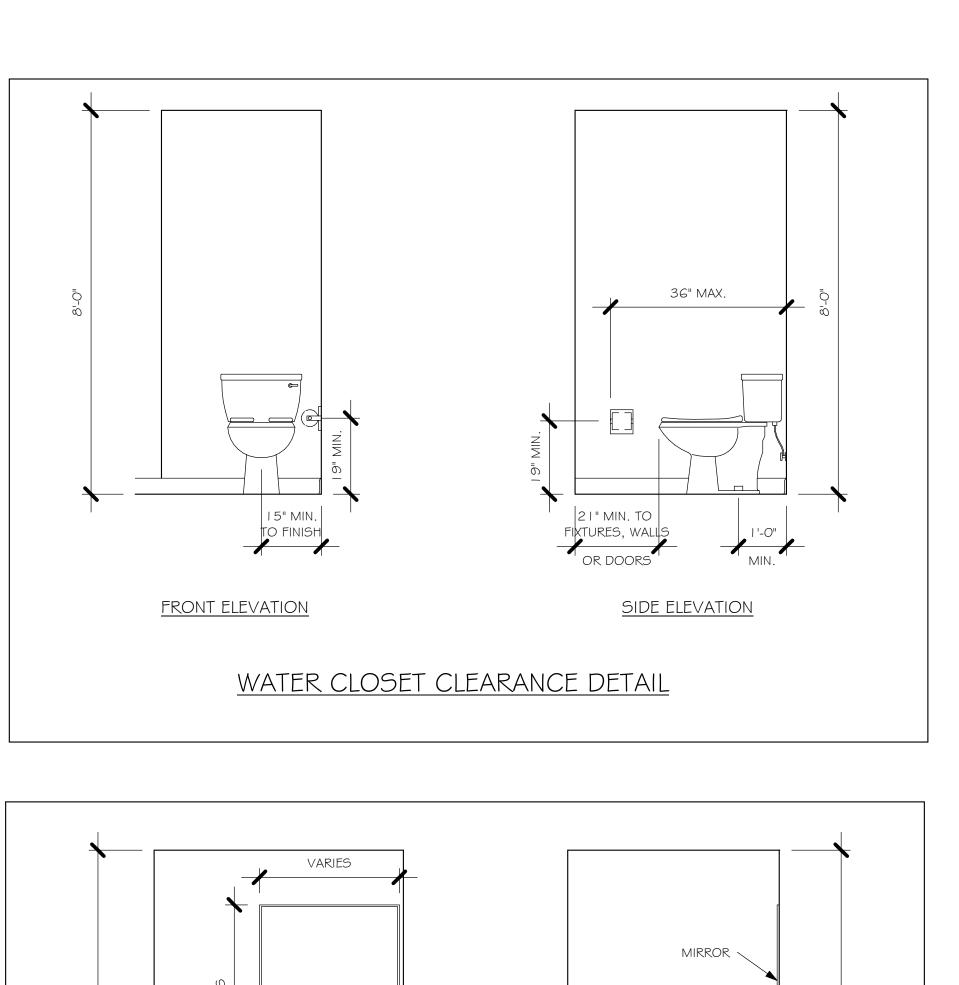
59-08-00

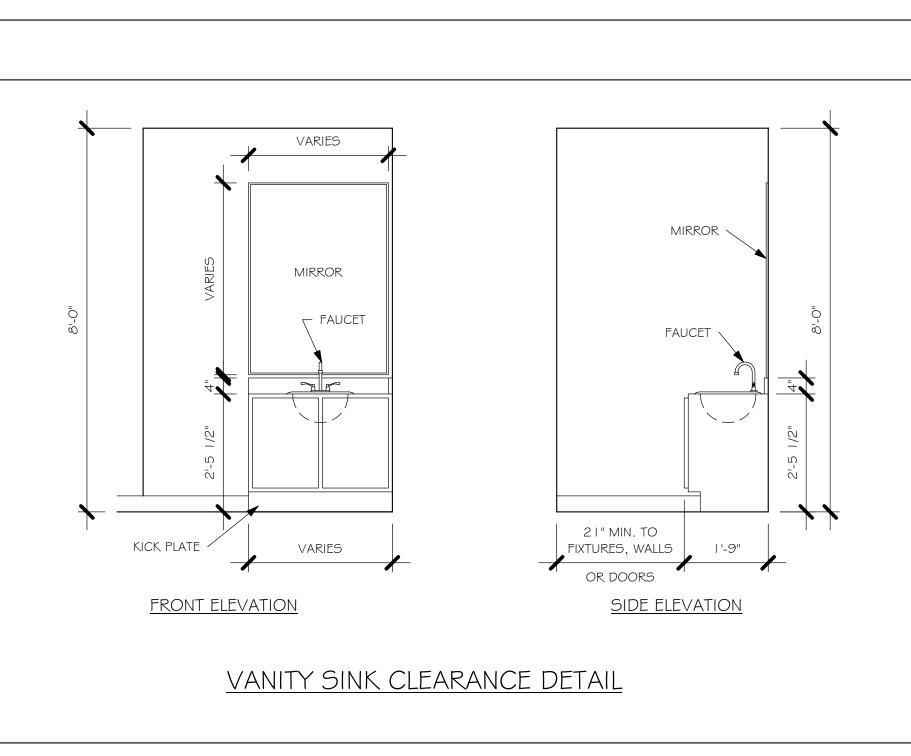
9-08-00

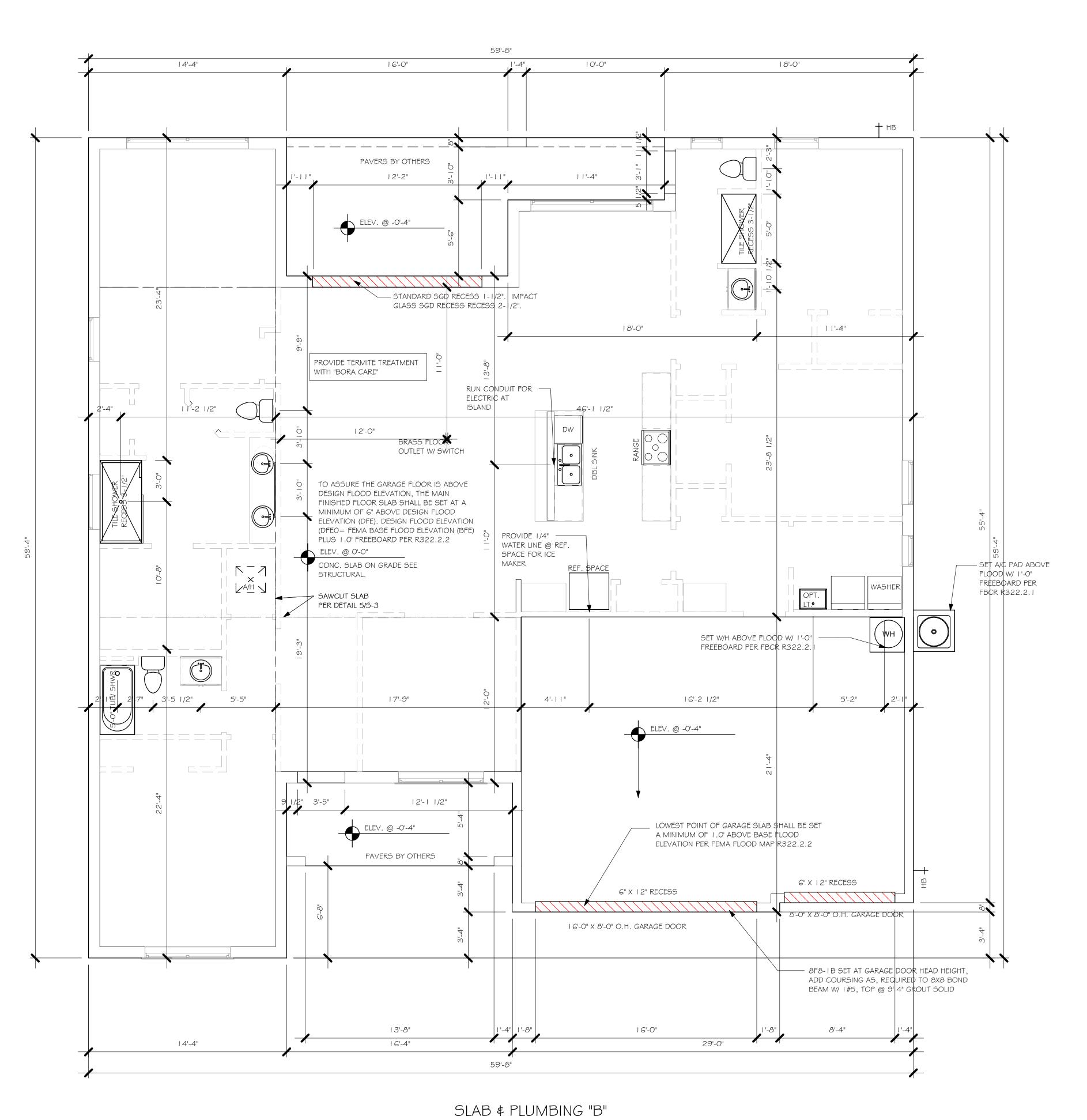
19-04-00











1/4" = 1'-0"

DESIGN IN ACCORDANCE WITH THE RESIDENTIAL FLORIDA BUILDING CODE 2020 - 7TH EDITION

MODEL

DATE:

DRAWN BY:

CHECKED BY:

REVISED:

PLAN:

SCALE:

SLAB & PLUMBING PLAN

07/29/21

JWC

As indicated

WINDOW SCHEDULE						
MARK	DESCRIPTION	MANUFACTURER	WIDTH	HEIGHT	COMMENTS	QTY
А	2-35 SH		9'-0"	5'-3"	IMPACT	2
В	48" X 16"	FIXED GLASS	4'-2"	3'-4"	IMPACT	1
С	1/2 33 SH		2'-5"	3'-5"	IMPACT	2
D	25 SH		3'-4"	5'-5"	IMPACT	3
E	2-25 SH		6'-4"	5'-3"	IMPACT	I
F	2-26 SH		6'-4"	6'-4"	IMPACT	1

OPT IMPACT GLASS MAY BE INSTALLED IN LIEU OF SHUTTERS VERIFY W/ CONTRACT

DOOR HEADERS			
6'-8" BI-FOLD	HEADER HEIGHT	82" A.F.F.	
6'-8" SWING	HEADER HEIGHT	82 1/2" A.F.F.	
8'-0" SWING	HEADER HEIGHT	98 1/2" A.F.F.	

PLAN NOTES

- VERIFY ALL ROUGH OPENING DIMENSIONS FOR ALL WINDOWS AND DOORS
- PROVIDE SAFETY GLAZING WITHIN 24" FROM EXIT PER FLORIDA BUILDING CODE R 308.4.2.
- PROVIDE SAFETY GLAZING AT BATH/ SHOWER PER FLORIDA BUILDING CODE R 308.4.5.
- NON BEARING INTERIOR FRAME WALLS SHALL BE FRAMED W/ WOOD OR METAL STUDS. SPACING SHALL

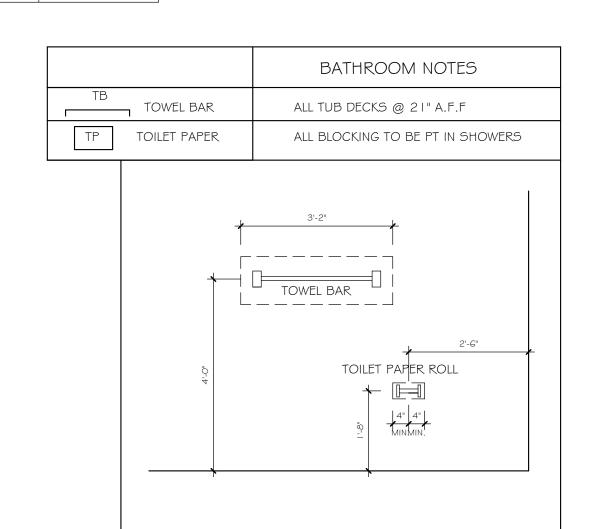
NOT EXCEED 24" O.C. (NON BEARING WALLS ONLY)

- PROVIDE DEAD WOOD IN ATTIC FOR OVERHEAD GARAGE DOOR HARDWARE
- KITCHEN KNEE WALL TO BE FRAMED W/ TOP @ 34 I/2" A.F.F.
- INSTALL SMOOTH WALLS IN KITCHEN AND ALL BATHROOM AREAS
- WHERE DRYWALL CEILING IS APPLIED TO TRUSSES @ 24" O.C. USE 5/8" DRYWALL OR 1/2" SAG RESISTANT PER SEC. R702.3.5
- THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE & ATTIC BY NOT LESS THEN 1/2" GYPSUM BOARD APPLIED TO THE GARAGE SIDE. GARAGES BENEATH HABITABLE ROOMS SHALL BE SEPARATED WITH NOT LESS THAN 5/8" TYPE "X" GYPSUM BOARD OR EQUIVALENT. WHERE THE SEPARATIION IS A FLOOR - CEILING ASSEMBLY, THE STRUCTURE SUPPORTING THE SEPARTION SHALL ALSO BE PROTECTED BY NOT LESS THAN 1/2" GYPSOM BOARD
- 10) INSTALL 1 3/8" THICK SOLID WOOD DOOR BETWEEN LIVING AND GARAGE PER FLORIDA BUILDING CODE R302.5.1.

OR EQUIVALENT

- II) ALL WINDOWS INSTALLED 72" ABOVE GRADE MUST COMPLY WITH R3 | 2.2 MIN 24" SILL HEIGHT OR PROVIDED WITH AN APPROVED WINDOW FALL PREVENTION DEVICE
- 12) ALL CLOSET SHELVES TO BE 12". ALL PANTRY \$ LINEN TO BE (4)-16" SHELVES 18" O.F.F. W/ 15" INCREMENT.
- 13) ALL MECHANICAL AND ELECTRICAL EQUIPMENT TO BE INSTALLED AT OR ABOVE FLOOD PLUS 1'-0" FREEBOARD.

CABINET BACKING			
KITCHEN	UPPER TOP @ 84"	BASE TOP @ 35"	
MASTER BATH	UPPER	BASE TOP @ 35"	
GUEST BATH	UPPER	BASE TOP @ 31"	
LAUNDRY ROOM	UPPER TOP @ 84"	BASE	



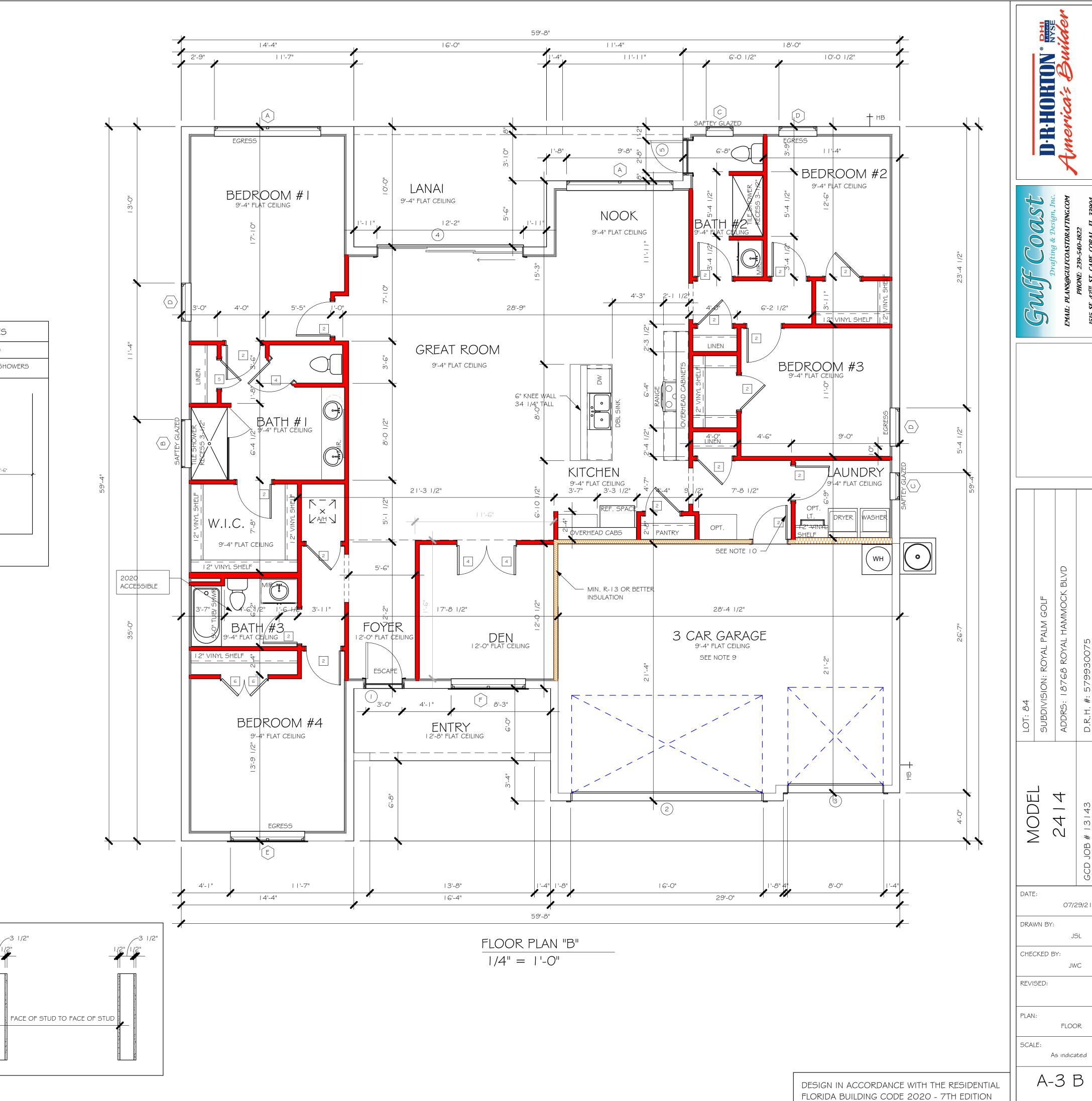
INTERIOR DOOR SCHEDULE					
MARK	DOOR WIDTH	NOTES			
	3'-0"	P.K. = POCKET DOOR			
2	2'-10"	BF = BI-FOLD DOOR			
3	2'-8"	D.I. DITOLD DOOK			
4	2'-6"	B.P. = BI-PASS DOOR			
5	2'-4"	L.V. = LOUVERED DOOR			
6	2'-0"				
7	1'-8"				
8	1'-6"				

SQUAF	RE FOOTAGE
LIVING AREA	2416 SF
LANAI AREA	211 SF
GARAGE AREA	604 SF
ENTRY AREA	98 SF
TOTAL AREA	3329 SF

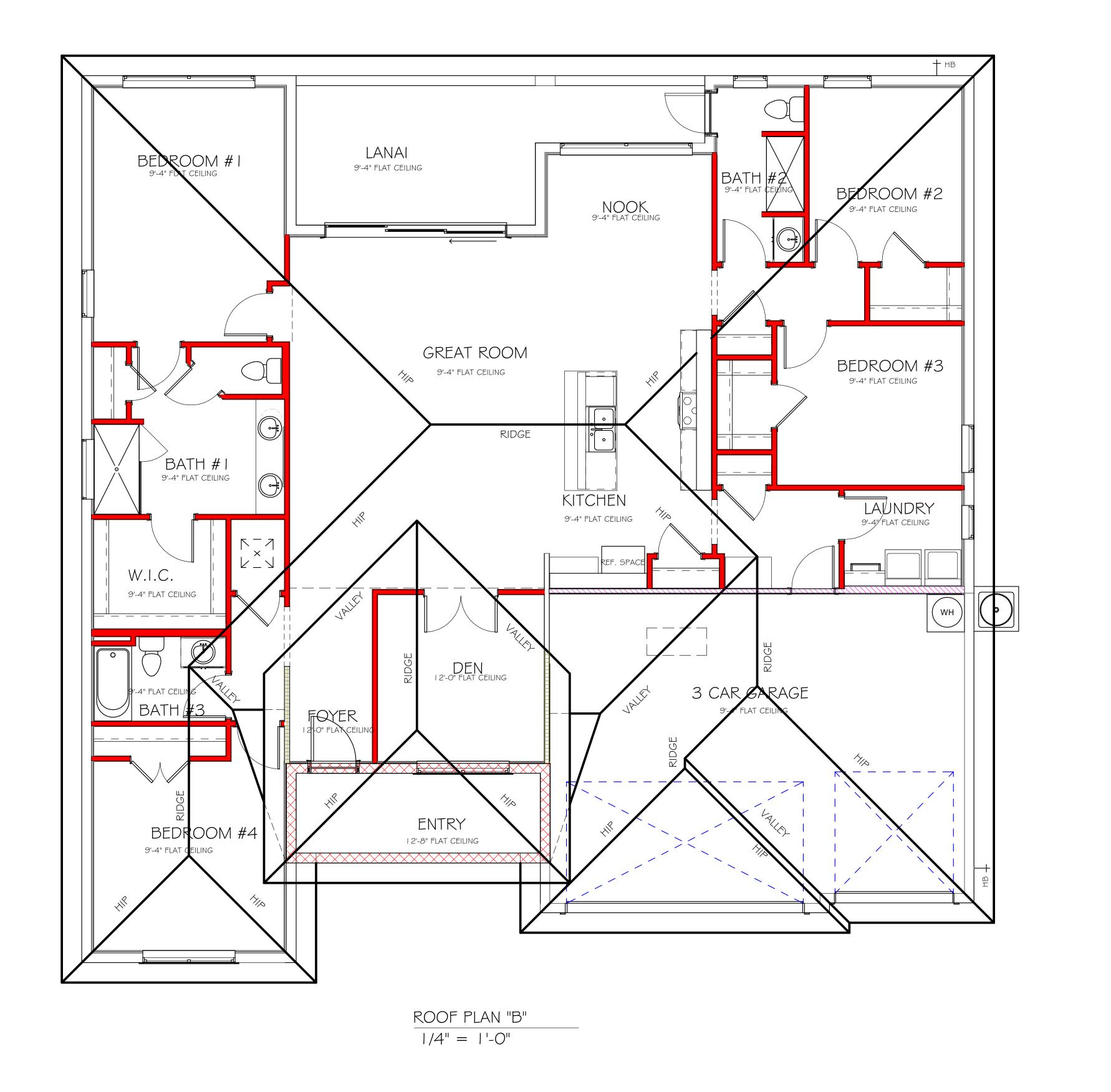
TYPICAL DIMENSION STRING

FACE OF OUTSIDE WALL TO FACE OF STUD WALL

FACE OF EXTERIOR WALL <



BEARING HEIGHT			
	= BEARING @ 9'-4"		
	= INTERIOR BEARING @ 9'-4"		
	= BEARING @ 12'-8"		
	= INTERIOR BEARING @ 12'-8"		



DESIGN IN ACCORDANCE WITH THE RESIDENTIAL FLORIDA BUILDING CODE 2020 - 7TH EDITION

MODEL

DATE:

DRAWN BY:

CHECKED BY:

REVISED:

PLAN:

SCALE:

07/29/21

ROOF

As indicated

A-4 B

ELECTRICAL LEGEND

I 20 V JUNCTION BOX

SINGLE RECEPTACLE OUTLET

220 V RECEPTACLE OUTLET

4-PLEX RECEPTACLE OUTLET

DUPLEX RECEPTACLE OUTLET

SINGLE POLE SWITCH

3 WAY SWITCH

DIMMER SWITCH

MOTION SENSOR SWITCH

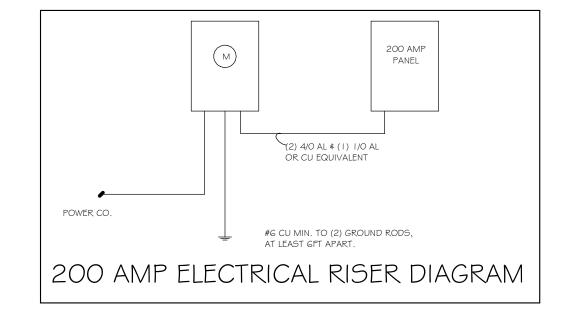
1/2 SWITCHED DUPLEX OUTLET

DUPLEX RECEPTACLE AT ELEV. A.F.F.

DUPLEX RECEPTACLE - ABOVE COUNTER

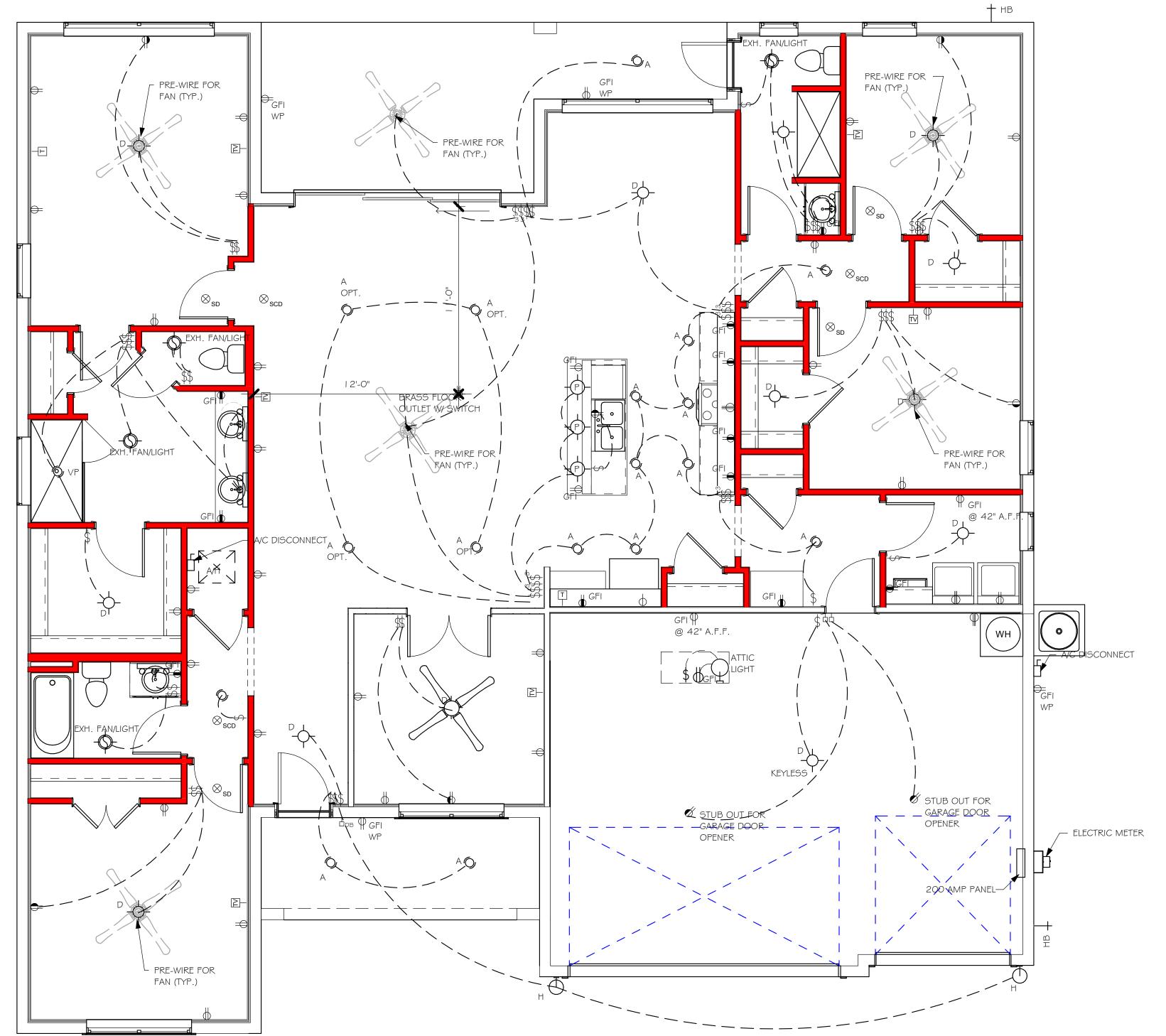
ELECTRICAL METER

ELECTRICAL PANEL



ELECTRICAL PLAN 2414

200	AMP SERVICE	
TAG	QUANTITY	PRODUCT
Α	(17)	(FLUSH MOUNTED LIGHT)
В	(3)	(VAPORS)
С	(3)	(PENDANT LIGHT
D	(15)	(10" MUSHROOMS)
Е	(4)	(24" 3 LT)
F	(X)	(36" 4 LT)
G	(X)	(NOT USED)
Н	(2)	(COACH LIGHTS)
- 1	(X)	(COACH LIGHTS)
J	(1)	(J BOX)
K	(X)	(4' FLUORESCENT)
L	(X)	(2' FLUORESCENT)
М	(X)	(5LT CHANDELIER)
Ν	(X)	(3 LT)
0	(X)	(PENDANT/ NOOK)
Р	(X)	(X)
Q	(X)	(X)



 $\frac{\text{ELECTRICAL PLAN "B"}}{1/4" = 1'-0"}$

DESIGN IN ACCORDANCE WITH THE RESIDENTIAL FLORIDA BUILDING CODE 2020 - 7TH EDITION

DATE:

07/29/21

DRAWN BY:

JSL

CHECKED BY:

JWC

REVISED:

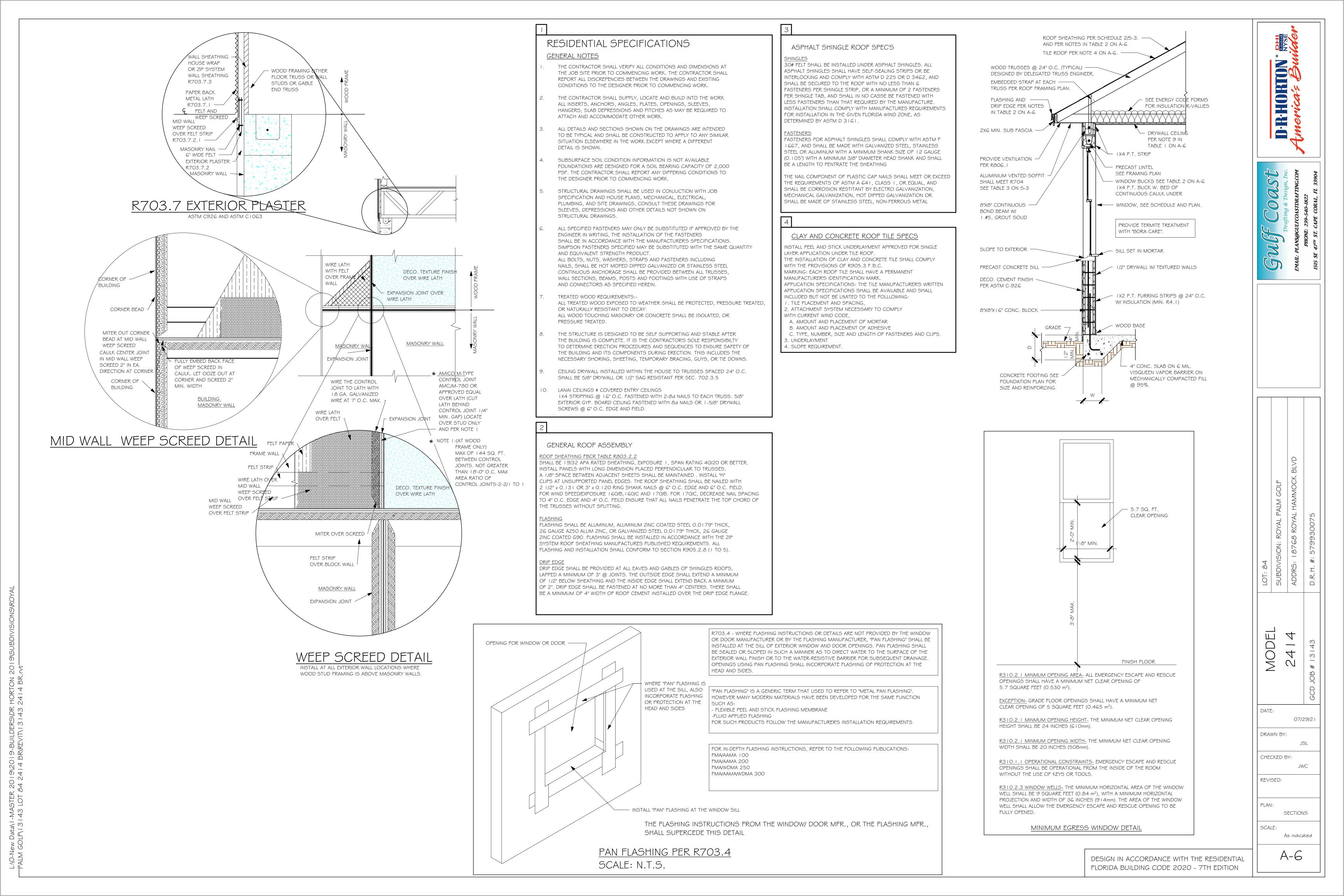
PLAN:

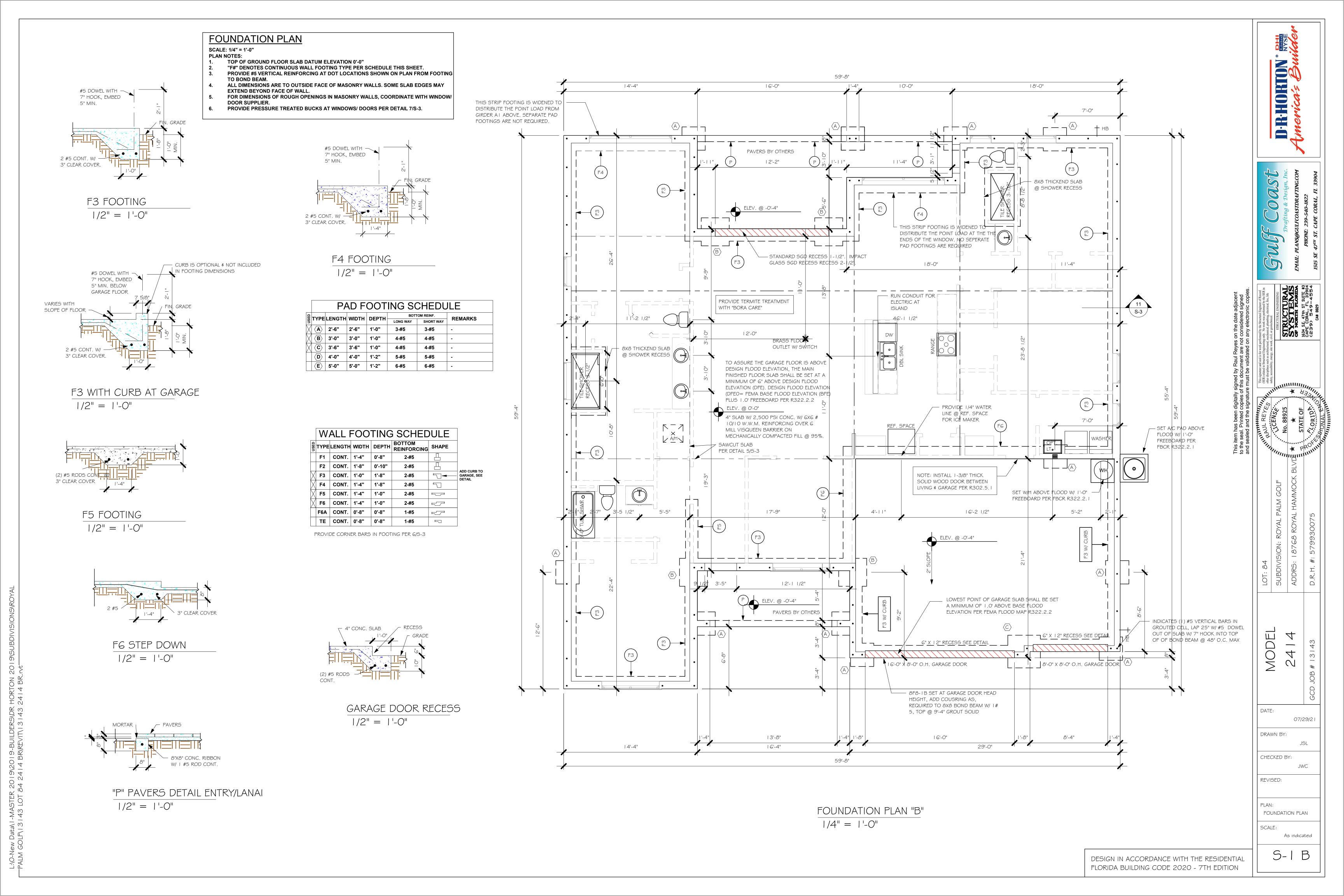
ELECTRICAL

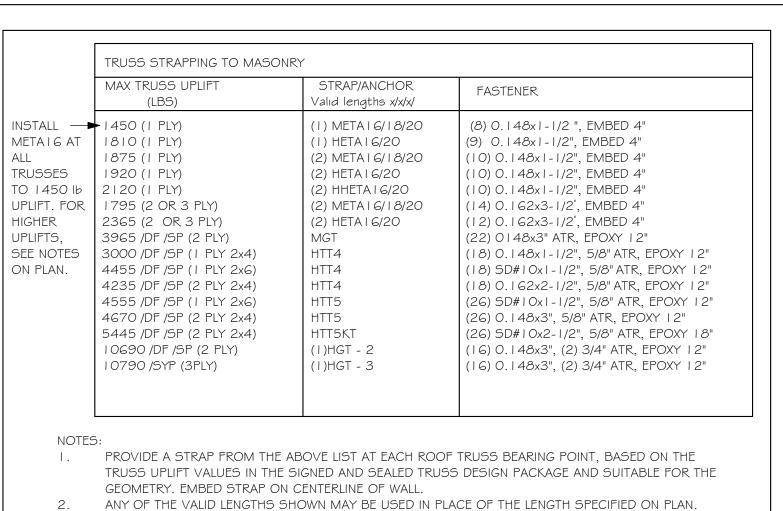
SCALE:

As indicated

A-5 B







- ANY OF THE VALID LENGTHS SHOWN MAY BE USED IN PLACE OF THE LENGTH SPECIFIED ON PLAN. CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTUCTIONS. SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE ENGINEER OF RECORD.
- WHERE EMBEDDED STRAPS ARE MISSING, OR MIS-LOCATED, INSTALL RETROFIT STRAP PER 10/5-3. PER UPLIFT IN TRUSS ENGINEERING. SIMPSON CATALOG C-C- 2019

	ROOF SHEATHING 8d RING SHANK @ 6" O.C.
ROOF TRUSS	I Gd NAIL5 @ 8" O.C.
	2" X () BLOCKING W/ BEVEL CUT TOP
BEVE	LED BLOCKING DETAIL

WHERE ROOF SHEATHING CONTACTS ONLY THE EDGE OF ROOF TRUSSES, INSTALL BEVELLED BLOCKING PER DETAIL THIS SHEET (DR HORTON COMPANY REQUIRMENT)

I-METAI6,

TYP.

@ D4

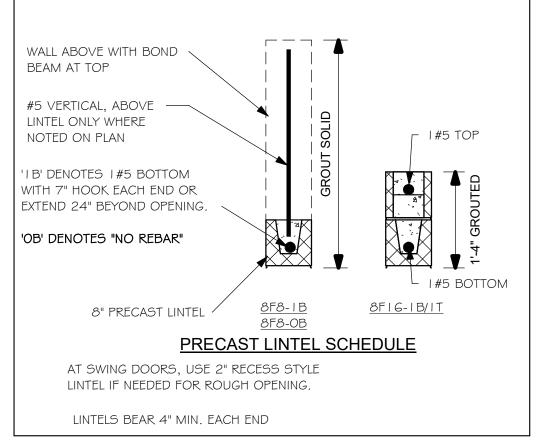
I-METAI6

@ DIB

INSTALL AT ALL	TRUSS STRAPPING TO STUDWALL/ WOOD BEAM				
TRUSSES TO 850 Ib UPLIFT.	MAX TRUSS UPLIFT (LBS)	STRAP(S) Valid lengths x/x/x	FASTENER		
FOR HIGHER - UPLIFTS, SEE NOTES ON	►850 1700 2550	(1)MT5 6/20/30 (2) MT5 6/20/30 (3) MT5 6/20/30	(14) 0.148x1-1/2" or 3" EACH STRAP		
PLAN.	1125 2250 3375 4500	(1) HTS20/24/30 (2) HTS20/24/30 (3) HTS20/24/30 (4) HTS20/24/30	(24) 0.148x1-1/2" OR (20) 0.148x3" EACH STRAP		

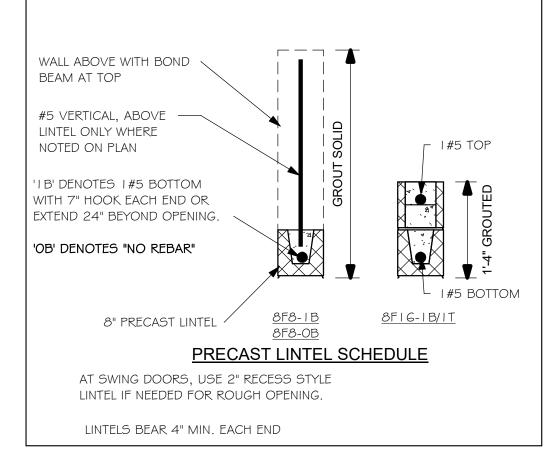
- I. PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE.
- ANY OF THE VALID LENGTHS SHOWN MAY BE USED IN PLACE OF THE LENGTH SPECIFIED ON PLAN.
- I-1/2" NAIL SHALL BE USED IN 1 PLY LUMBER, 2 PLY LUMBER IS REQUIRED
- CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTUCTIONS.

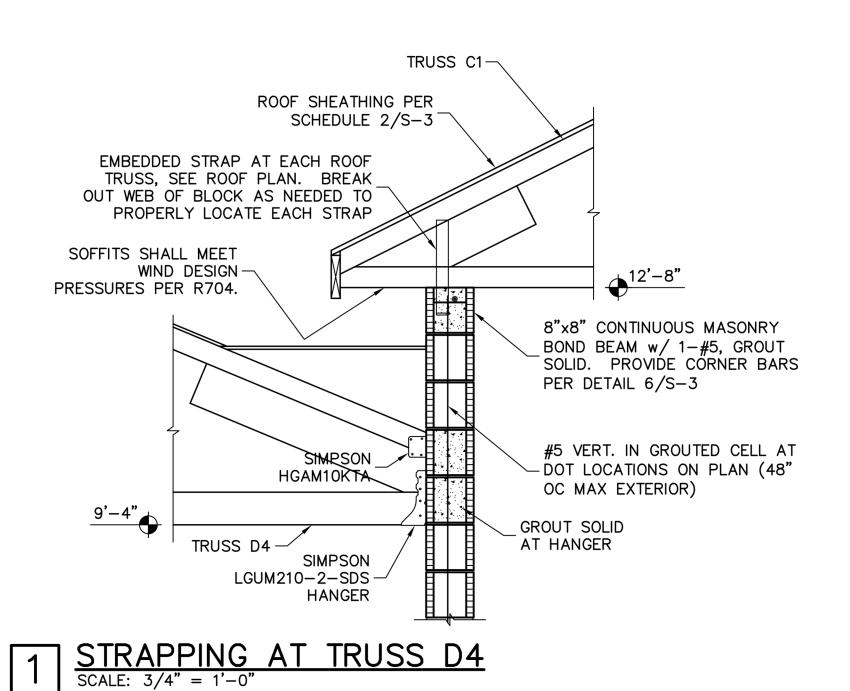
SIMPSON CATALOG C-C- 2019



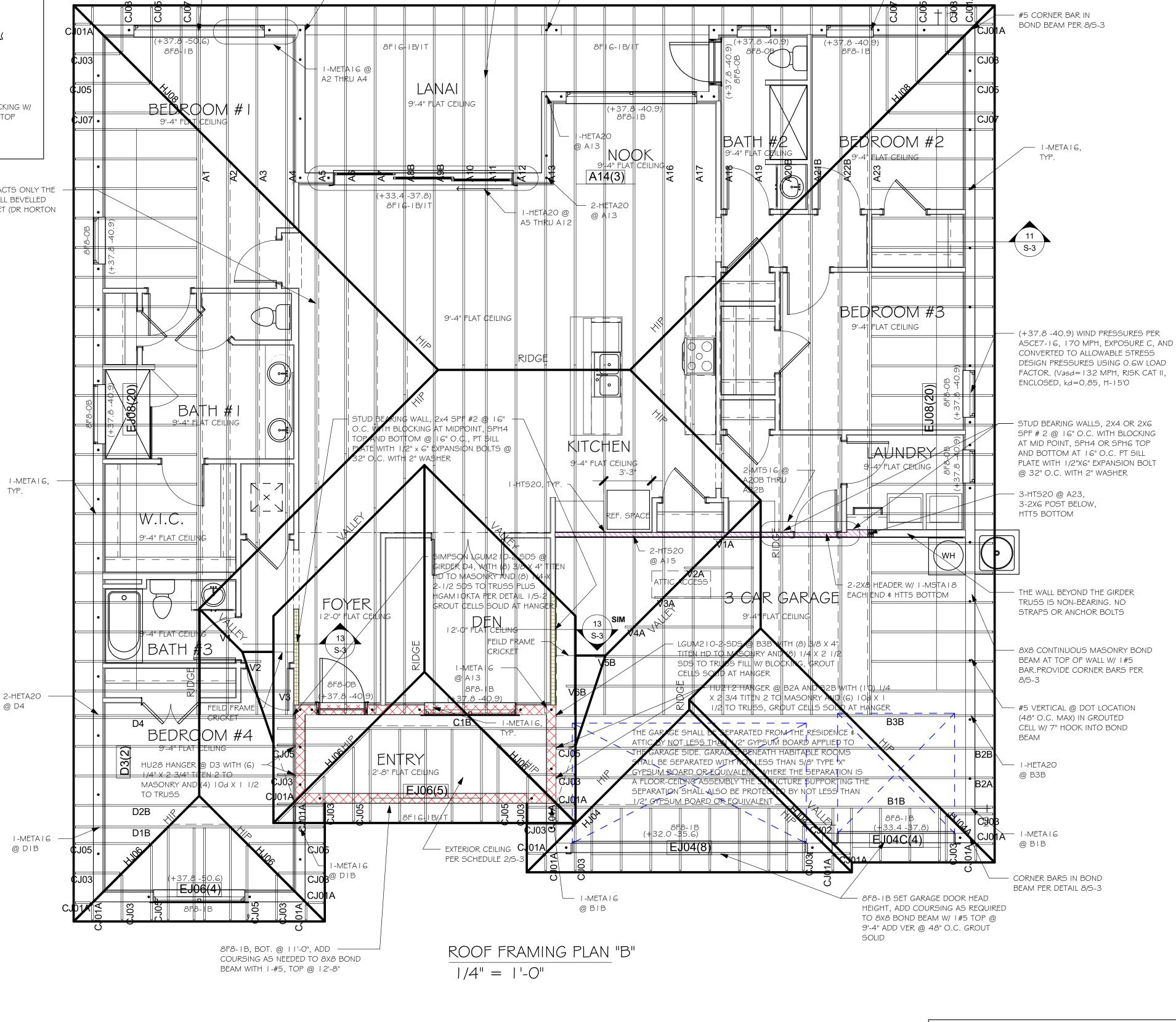


= INTERIOR BEARING @ 9'-4" = BEARING @ 12'-8" = INTERIOR BEARING @ 12'-8"





TRUSS BEARING CONDITIONS AND STRAPPING IS BASED ON TRUSS LAYOUT PREPARED BY AMERICAN BUILDERS SUPPLY JOB # M2000220-20BX DATED: 12/07/20 REVISED: NONE



EXTERIOR CEILING PER SCHEDULE 2/S-3

- I-METAI6

@ A13

I -HTT4 W/ 5/8" Ø ALLTHREAD

DRILL AND EPOXY, 12" MIN.

EMBED @ A I

/ SEE DETAIL 9/S-3 WHERE LINTEL

MAIN WALL, TYPICAL

AS LANAI/ENTRY INTERSECTS

PLAN NOTES:

@ A23

- ROOF TRUSS BEARING ELEVATION VARIES, SEE
- ROOF FRAMING SHALL BE WOOD TRUSSES DESIGNED BYA DELEGATED TRUSS ENGINEER PER DESIGN
- PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS
- FOR NAILING OF ROOF DECK, SEE I AND 2 ON S-3. 8F8-1B etc., DENOTES PRECAST LINTEL ABOVE
- DOOR, WINDOW OPENING PER SCHEDULE THIS SHEET AT TRUSS BEARING, PROVIDE 8x8 MASONRY BOND BEAM W/ I #5 CONTINUOUS, SEE DETAIL I I/S-3.

DESIGN IN ACCORDANCE WITH THE RESIDENTIAL FLORIDA BUILDING CODE 2020 - 7TH EDITION

CRITERIA ON SHEET S-3.

ROOF FRAMING PLAN

As indicated

H

 $\overline{\bigcirc}$

DATE:

DRAWN BY:

CHECKED BY:

REVISED:

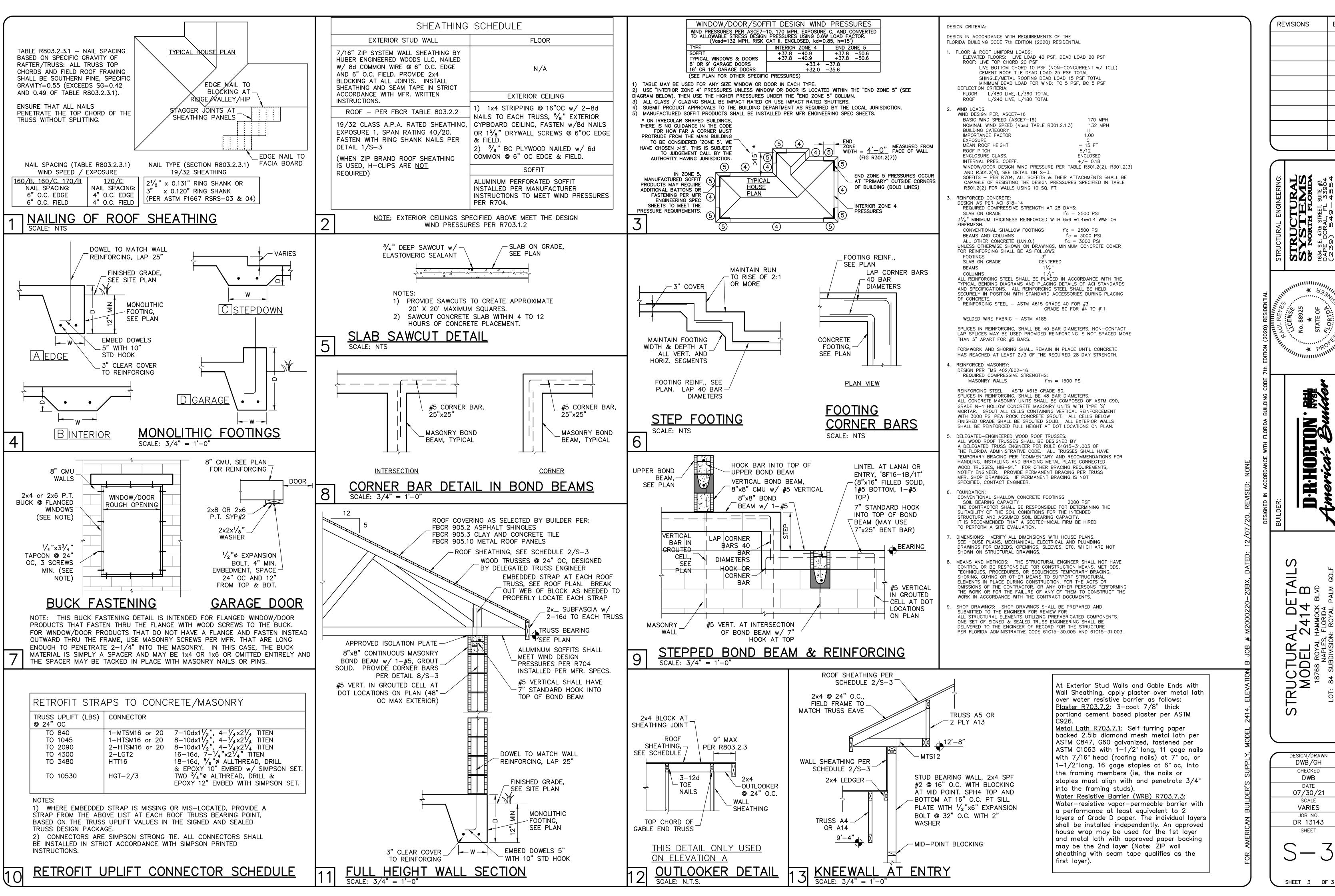
PLAN:

SCALE:

_

07/29/21

JWC



REVISIONS

STR OF NO1634 SE. 4
CAPE C(
(239)

IORTON

FEH

DE OCK TUR/ DEL 68 ROYAL NAPLES, $\supset \Sigma$ H H

DWB/GH CHECKED DWB 07/30/21 SCALE **VARIES** JOB NO. DR 13143

SHEET