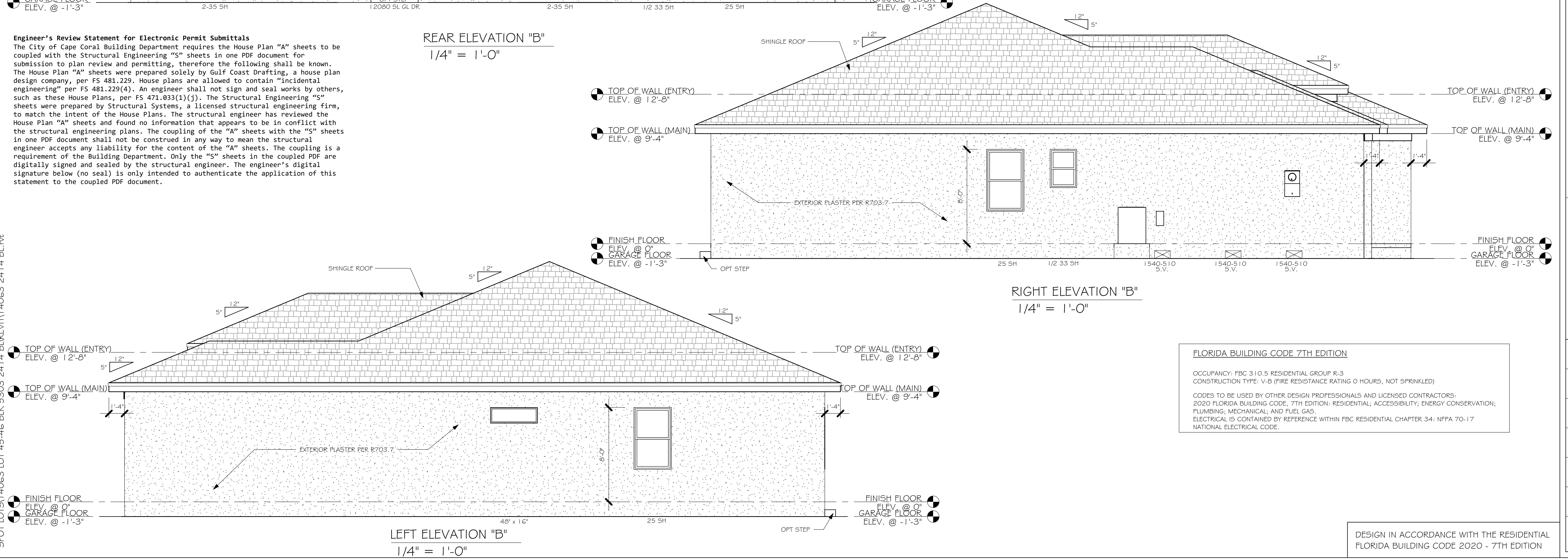


### Engineer's Review Statement for Electronic Permit Submittals

The City of Cape Coral Building Department requires the House Plan "A" sheets to be coupled with the Structural Engineering "S" sheets in one PDF document for submission to plan review and permitting, therefore the following shall be known. The House Plan "A" sheets were prepared solely by Gulf Coast Drafting, a house plan design company, per FS 481.229. House plans are allowed to contain "incidental engineering" per FS 481.229(4). An engineer shall not sign and seal works by others, such as these House Plans, per FS 471.033(1)(j). The Structural Engineering "S" sheets were prepared by Structural Systems, a licensed structural engineering firm, to match the intent of the House Plans. The structural engineer has reviewed the House Plan "A" sheets and found no information that appears to be in conflict with the structural engineering plans. The coupling of the "A" sheets with the "S" sheets in one PDF document shall not be construed in any way to mean that the structural engineer accepts any liability for the content of the "A" sheets. The coupling is a requirement of the Building Department. Only the "S" sheets in the coupled PDF are digitally signed and sealed by the structural engineer. The engineer's digital signature below (no seal) is only intended to authenticate the application of this statement to the coupled PDF document.



FLORIDA BUILDING CODE 7TH EDITION

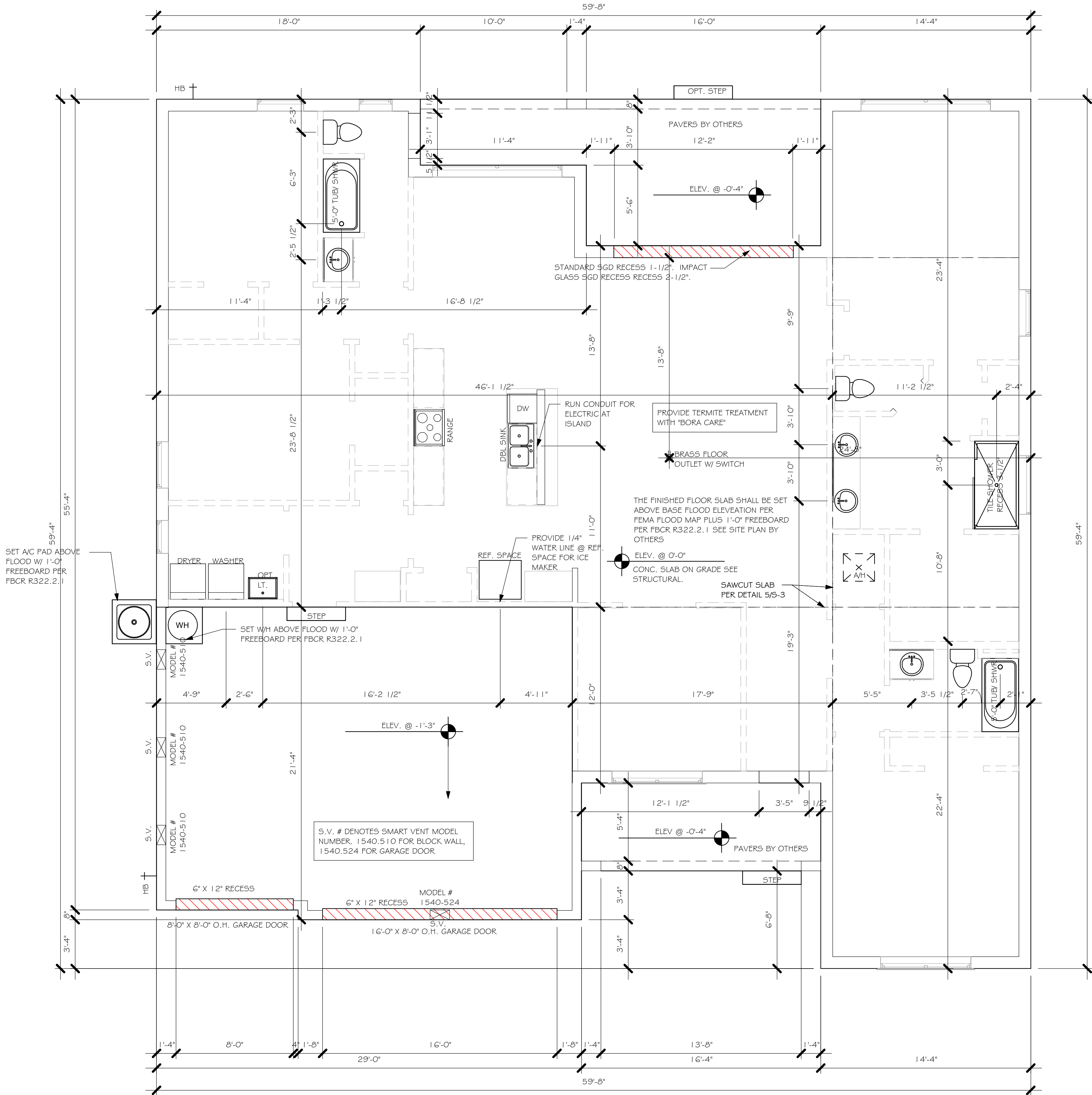
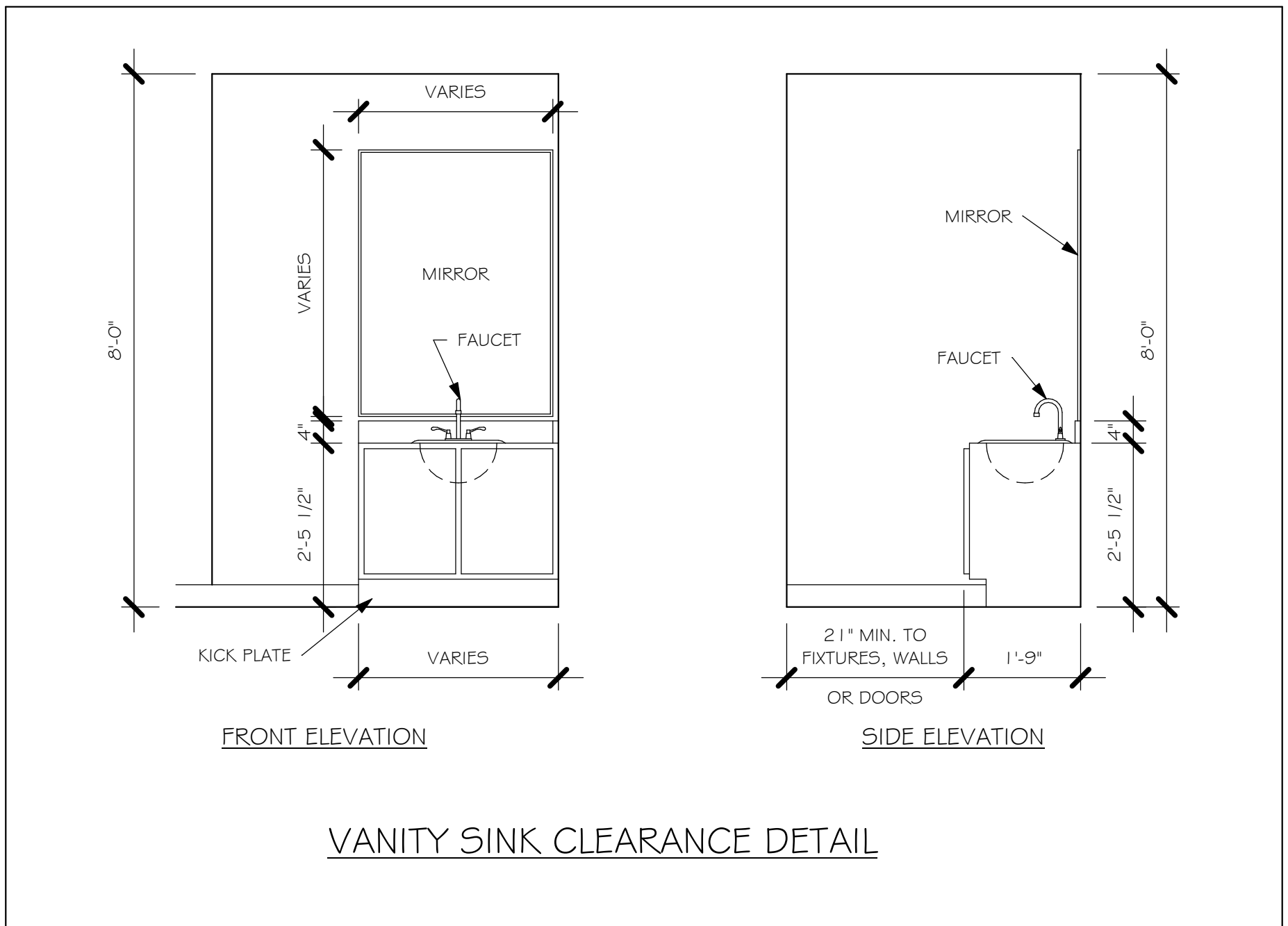
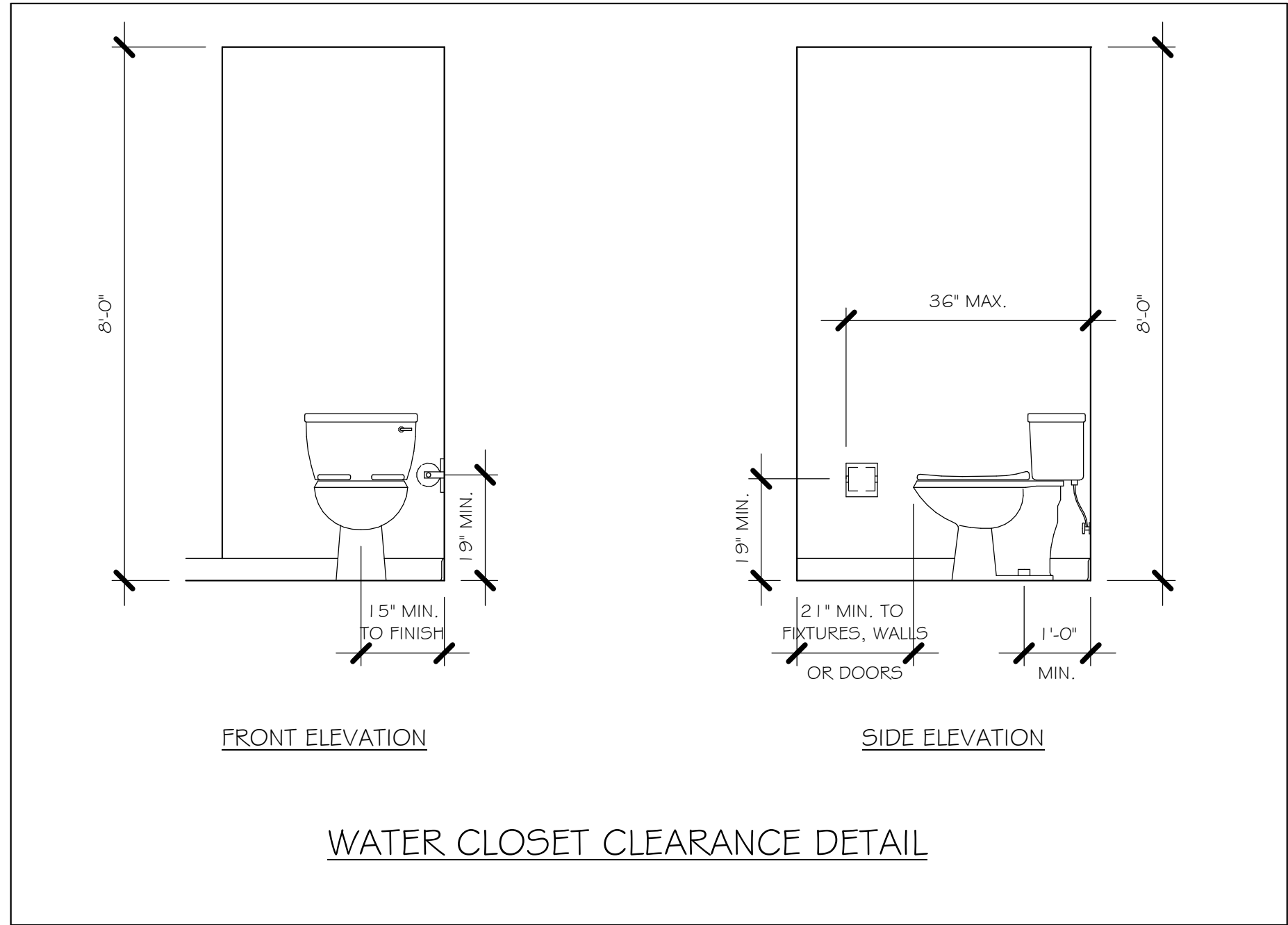
OCCUPANCY: FBC 310.5 RESIDENTIAL GROUP R-3  
CONSTRUCTION TYPE: V-B (FIRE RESISTANCE RATING 0 HOURS, NOT SPRINKLED)

CODES TO BE USED BY OTHER DESIGN PROFESSIONALS AND LICENSED CONTRACTORS:  
2020 FLORIDA BUILDING CODE, 7TH EDITION: RESIDENTIAL; ACCESSIBILITY; ENERGY CONSERVATION;  
PLUMBING; MECHANICAL; AND FUEL GAS.  
ELECTRICAL IS CONTAINED BY REFERENCE WITHIN FBC RESIDENTIAL CHAPTER 34: NFPA 70-17  
NATIONAL ELECTRICAL CODE.

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



L:\O-New Data\1 - MASTER 2019\2019-BUILDERS\DK HORTON 2019\SUBDIVISIONS\CAPE SPOT LOTS\14063 LOT 45-46 BLK 5303 2414 BLUREVIT\14063 2414 BL.rvt



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DOOR SCHEDULE						
TYPE MARK	DESCRIPTION	MANUFACTURER	COMMENT S	Width	Height	QTY
1	3080 ENTRY	DISTINCTION		3'-0"	8'-0"	1
2	16080 OHGD	GARAGE DOOR		16'-0"	8'-0"	1
3	8080 OHGD	GARAGE DOOR		8'-0"	8'-0"	1
4	(3)-4080 SL. GL. DR.		IMPACT	12'-0"	8'-0"	1
5	2880 ENTRY	DISTINCTION		2'-8"	8'-0"	1

WINDOW SCHEDULE						
MARK	DESCRIPTION	MANUFACTURER	WIDTH	HEIGHT	COMMENTS	QTY
A	2-35 SH		9'-0"	5'-3"	IMPACT	2
B	48" X 16"	FIXED GLASS	4'-2"	1'-6"	IMPACT	1
C	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	1
F	2-26 SH		6'-4"	6'-4"	IMPACT	1

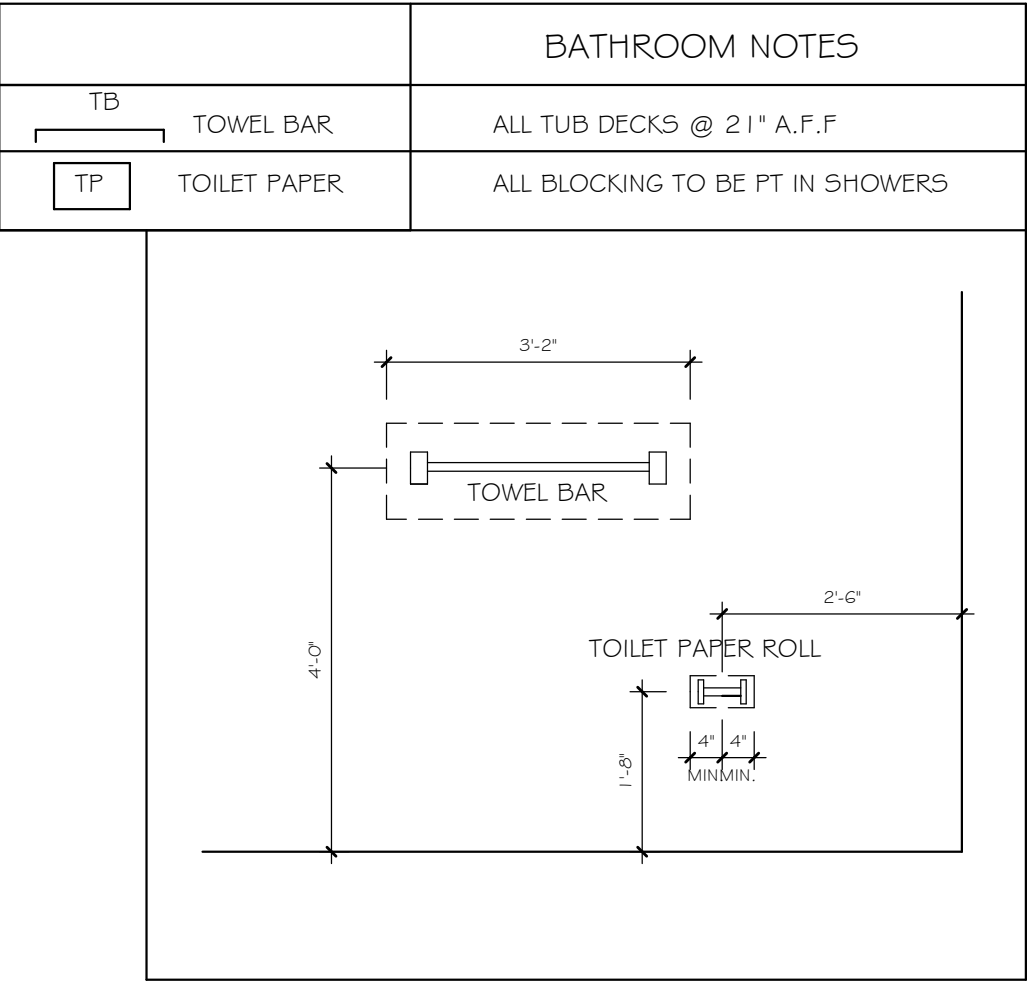
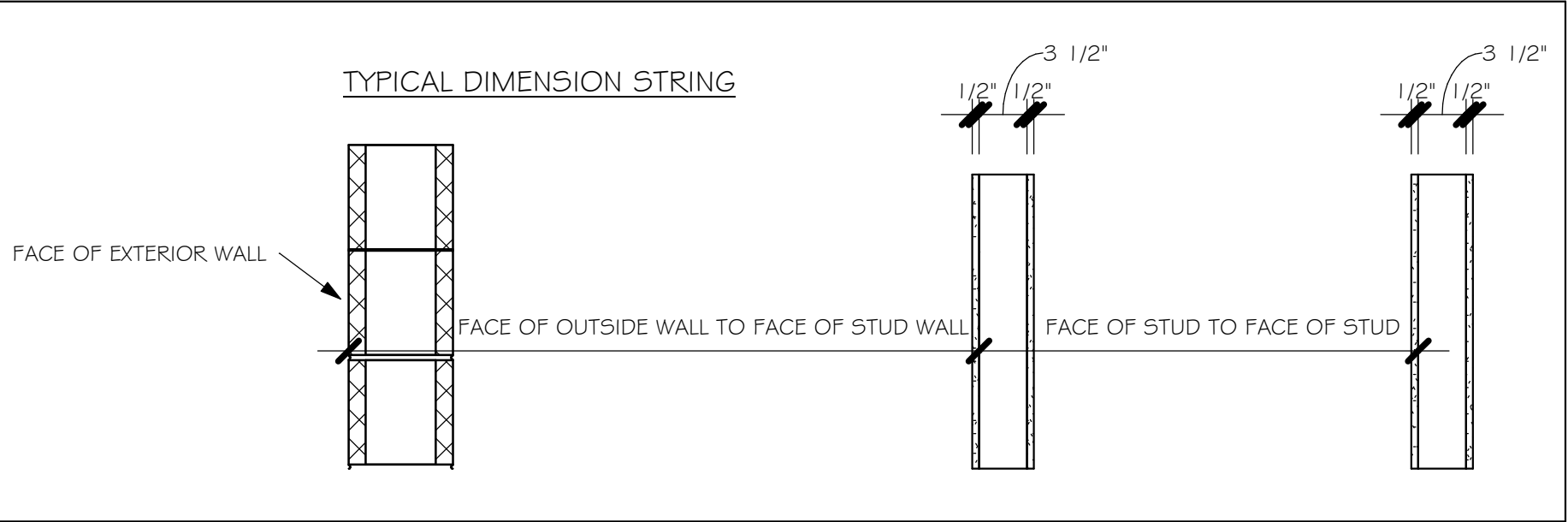
OPT IMPACT GLASS MAY BE INSTALLED IN LIEU OF SHUTTERS VERIFY W/ CONTRACT

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.

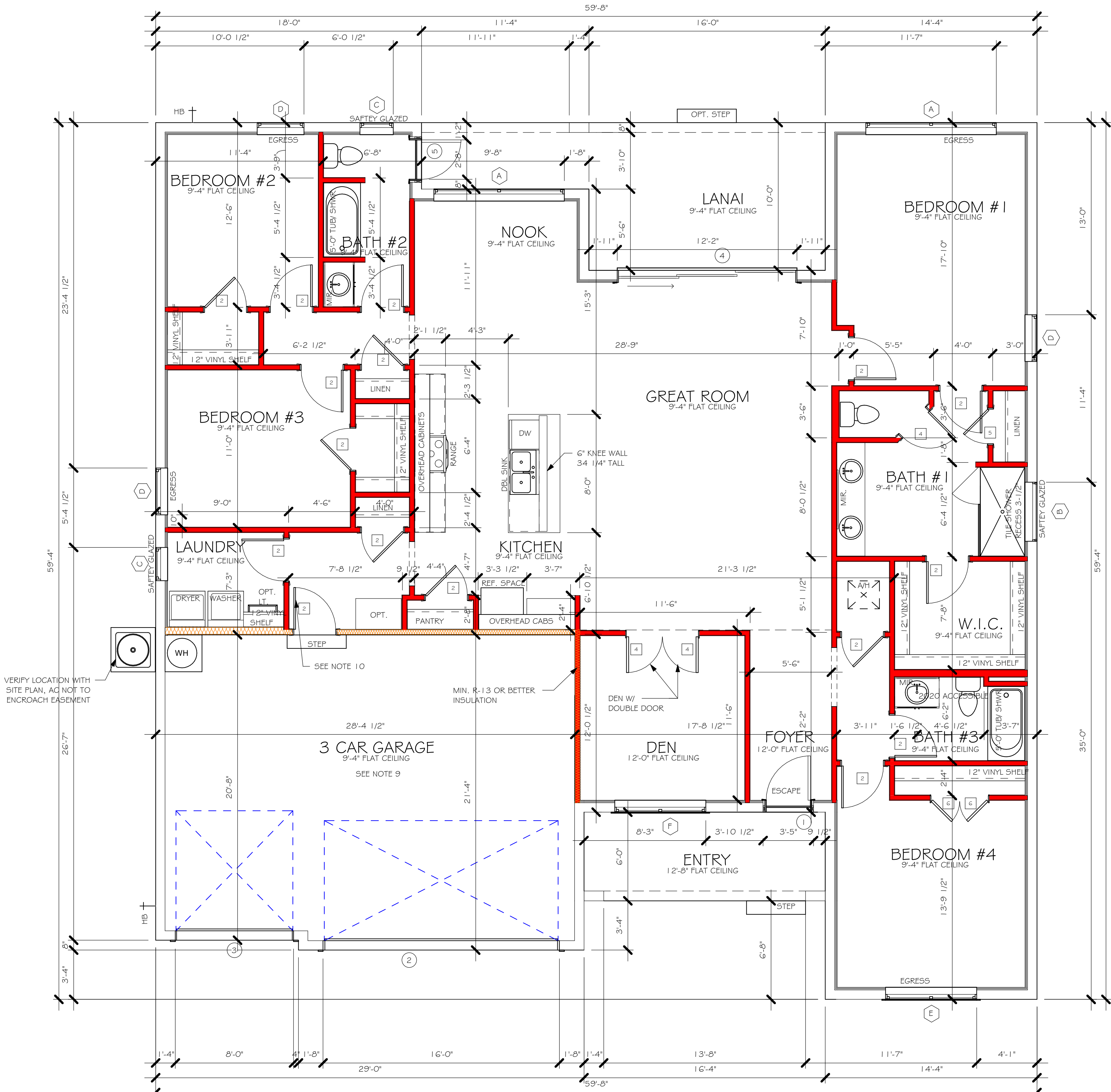
PLAN NOTES	
1)	VERIFY ALL ROUGH OPENING DIMENSIONS FOR ALL WINDOWS AND DOORS
2)	PROVIDE SAFETY GLAZING WITHIN 24" FROM EXIT PER FLORIDA BUILDING CODE R 308.3.1.
3)	PROVIDE SAFETY GLAZING AT BATH/ SHOWER PER FLORIDA BUILDING CODE R 308.3.1.
4)	NON BEARING INTERIOR FRAME WALLS SHALL BE FRAMED W/ WOOD OR METAL STUDS. SPACING SHALL NOT EXCEED 24" O.C. (NON BEARING WALLS ONLY)
5)	PROVIDE DEAD WOOD IN ATTIC FOR OVERHEAD GARAGE DOOR HARDWARE
6)	KITCHEN KNEE WALL TO BE FRAMED W/ TOP @ 34 1/2" A.F.F.
7)	INSTALL SMOOTH WALLS IN KITCHEN AND ALL BATHROOM AREAS
8)	WHERE DRYWALL CEILING IS APPLIED TO TRUSSES @ 24" O.C. USE 5/8" DRYWALL OR 1/2" SAG RESISTANT PER SEC. R702.3.5
9)	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 SEPARATION IS A FLOOR - CEILING ASSEMBLY, THE STRUCTURE SUPPORTING THE SEPARATION SHALL ALSO BE PROTECTED BY NOT LESS THAN 1/2" GYPSOM BOARD OR EQUIVALENT
10)	INSTALL 1 3/8" THICK SOLID WOOD DOOR BETWEEN LIVING AND GARAGE PER FLORIDA BUILDING CODE R302.5.1.
11)	ALL WINDOWS INSTALLED 72" ABOVE GRADE MUST COMPLY WITH R312.2 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
1	3'-0"	P.K. = POCKET DOOR
2	2'-10"	
3	2'-8"	B.F. = BI-FOLD DOOR
4	2'-6"	
5	2'-4"	B.P. = BI-PASS DOOR
6	2'-0"	
7	1'-8"	L.V. = LOUVERED DOOR
8	1'-6"	



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

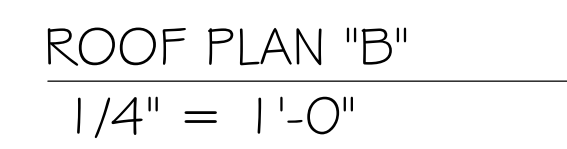


FLOOR PLAN "B"  
1/4" = 1'-0"

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



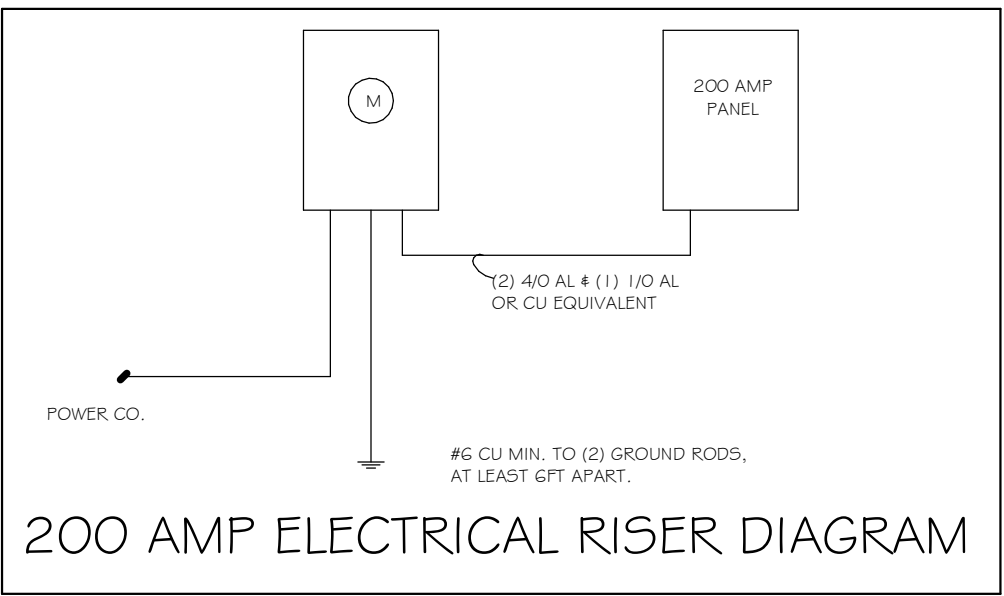
COORDINATE VENTING REQUIREMENTS WITH ENERGY CALCULATIONS							
			SOFFIT ONLY (1/11.50) (NO ROOF VENTS)			WITH ROOF VENTS (1/300) (R.V.)	
AREAS (SQ. FT.)			ATTIC VENTILATION REQUIRED			ATTIC VENTILATION REQUIRED	
MARK	ATTIC	SOFFIT	ATTIC AREA/50	REQ'D AIR FLOW OF SOFFIT	QUAD 4 SOFFIT HAS	ATTIC AREA/300	QUANTITY OF ROOF VENTS
1st STORY	3282.2 SQ. FT.	333.3 SQ. FT.	22.19 SQ.FT.	6.66%	Ø. 15%	... SQ. FT.	...% MIN AIR FLOW OF SOFFIT
			"SOFFIT ONLY" QUALIFIES			ROOF VENTS ARE NOT REQUIRED	
			SOFFIT MODEL			ROOF VENT MODEL	
			ACM QUAD 4, FULL VENT, NARROW PATTERN, Ø. 15% FREE AIR FLOW  THE ACM QUAD 4 IS ONLY AN EXAMPLE OF WHAT CAN WORK. CONTRACTOR MAY INSTALL ANY BRAND OF VENTED SOFFIT THAT PROVIDES AT LEAST THE REQ'D AIR FLOW SHOWN ABOVE, AND MEETS WIND PRESSURES PER FBC R704.				
						LOMANCO 770-D 0.97 SQ. FT. FREE AIR	



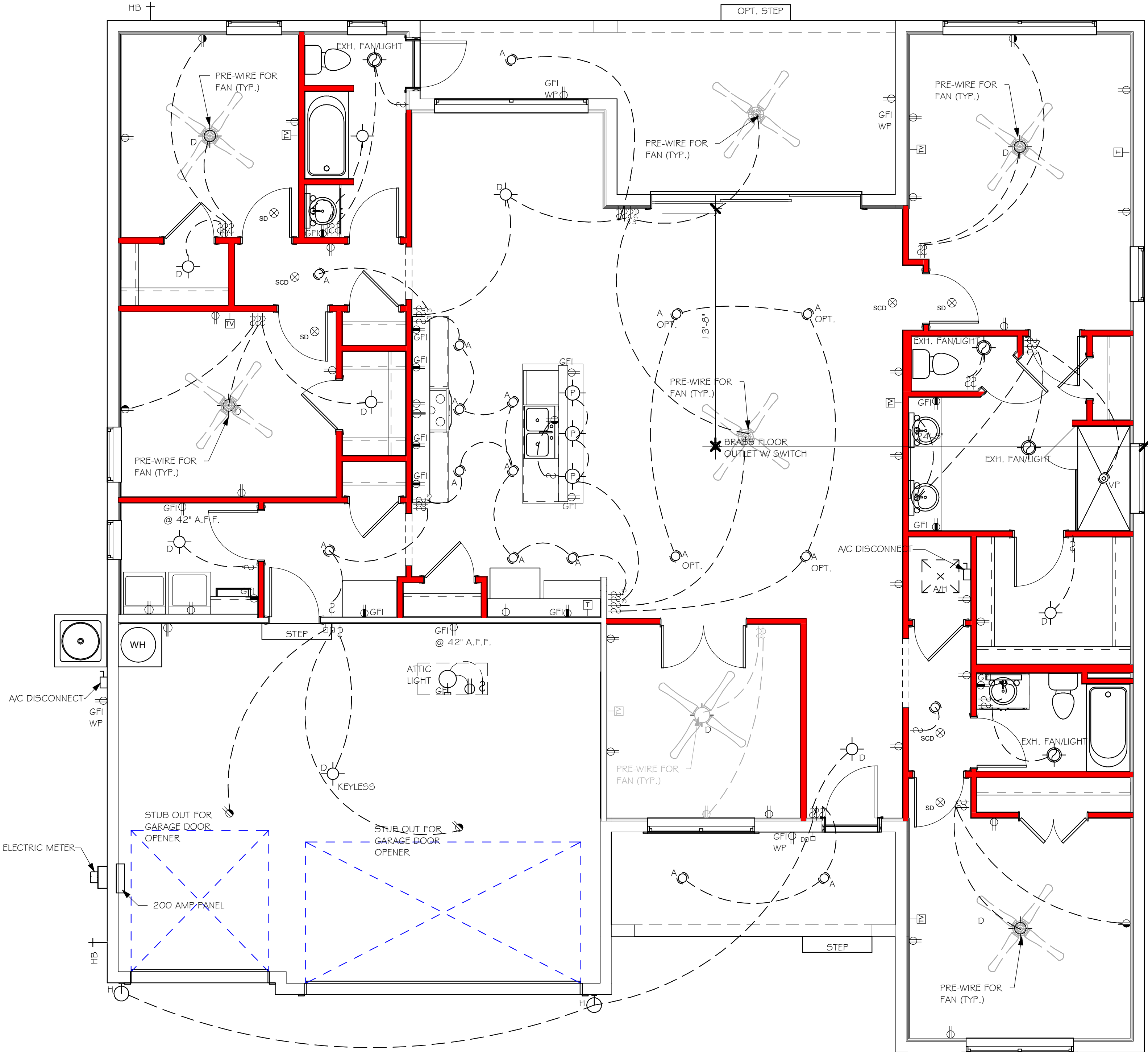
DESIGN IN ACCORDANCE WITH THE RESIDENTIAL  
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ELECTRICAL LEGEND	
	ELECTRICAL METER
	ELECTRICAL PANEL
	120 V JUNCTION BOX
	SINGLE RECEPTACLE OUTLET
	220 V RECEPTACLE OUTLET
	4-PLEX RECEPTACLE OUTLET
	DUPLEX RECEPTACLE OUTLET
	1/2 SWITCHED DUPLEX OUTLET
	DUPLEX RECEPTACLE AT ELEV. A.F.F.
	DUPLEX RECEPTACLE - ABOVE COUNTER
	SINGLE POLE SWITCH
	3 WAY SWITCH
	DIMMER SWITCH
	MOTION SENSOR SWITCH
	AC/DC SMOKE DETECTOR TO BE INTERCONNECTED ANY RESIDENT HAVING A FOSSIL-BURNING HEATER OR APPLIANCE, A FIREPLACE, OR AN ATTACHED GARAGE SHALL HAVE AN OPERATIONAL CARBON MONOXIDE ALARM INSTALLED WITHIN 10 FEET OF EACH ROOM USED FOR SLEEPING PERPOSES. PER RULE 9B-3.04.72 SD (SMOKE DETECTOR) SCD (CARBON MONOXIDE/ SMOKE DETECTOR)
	TELEPHONE OUTLET
	TELEVISION RECEPTION OUTLET
	SURFACE MOUNTED CEILING LIGHT
	FLUSH MOUNTED LIGHT
	WALL MTD. BRACKET LIGHT
	DUPLEX FLOOD LIGHT
	EXHAUST FAN
	TRACK MTD. LIGHTS
	A/C DISCONNECT
	PUSH BUTTON (PB) / DOOR BELL (DB)
	INTERCOM
	KEYPAD
	4' FLUORESCENT LIGHT
	2' UNDER COUNTER LIGHT
NOTE: NOT ALL SYMBOLS ARE USED FOR THIS PROJECT.	
ELECTRICAL NOTES: ARC-FAULT CIRCUIT-INTERRUPTERS AND TAMPER RESISTANT RECEPTACLES SHALL BE INSTALLED IN DWELLING UNITS PER N.E.C 210.12 AND 406.11 ALL ELECTRIC, ELECTRICAL EQUIPMENT AND APPLIANCES TO BE SET AT OR ABOVE BASE FLOOR ELEVATION PLUS 1'-0" FREEBOARD. ALL OUTLETS IN WET AREAS AND ALL EXTERIOR OUTLETS TO BE GFI'S. INSTALL PHONE AND T.V. PER CONTRACT. INSTALL ALL ELECTRICAL PER NEC 2017	



ELECTRICAL PLAN 2414		
200 AMP SERVICE		
TAG	QUANTITY	PRODUCT
A	(17)	(FLUSH MOUNTED LIGHT)
B	(3)	(VAPORS)
C	(3)	(PENDANT LIGHT
D	(15)	(10" MUSHROOMS)
E	(4)	(24" 3 LT)
F	(X)	(36" 4 LT)
G	(X)	(NOT USED)
H	(2)	(COACH LIGHTS)
I	(X)	(COACH LIGHTS)
J	(1)	(J BOX)
K	(X)	(4' FLUORESCENT)
L	(X)	(2' FLUORESCENT)
M	(X)	(SLT CHANDELER)
N	(X)	(3 LT)
O	(X)	(PENDANT/ NOOK)
P	(X)	(X)
Q	(X)	(X)



ELECTRICAL PLAN "B"  
1/4" = 1'-0"

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

**D-R HORTON**  
America's Builder

**Gulf Coast**  
Drafting & Design, Inc.  
EMAIL: PLANS@GULFCOASTDRAFTING.COM  
PHONE: 339-540-822  
1515 SE 47th ST. CAPE CORAL, FL 33904

LOT: 45-46

BLOCK: 5303

SUBDIVISION: CAPE CORAL SPOT - HORTON

ADDRESS: 122 SW 33RD PLACE

D.R.H. #: 578630255

MODEL  
2414

GCD JOB # 14063

DATE: 01/06/22

DRAWN BY: CWL

CHECKED BY: JWC

REVISED:

PLAN: ELECTRICAL

SCALE: As indicated

A-5 B









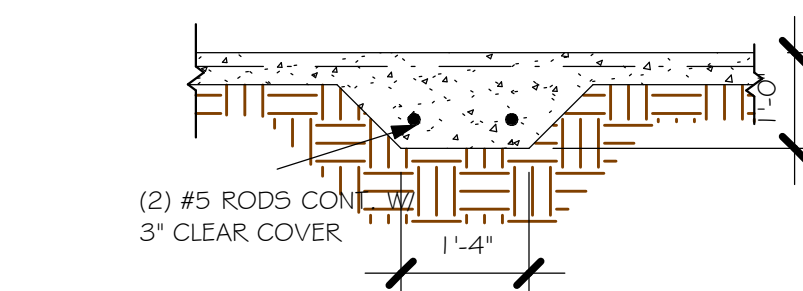


1. TOP OF GROUND FLOOR SLAB DATUM ELEVATION 0'-0"
2. "F#" DENOTES CONTINUOUS WALL FOOTING TYPE PER SCHEDULE THIS SHEET.
3. PROVIDE #5 VERTICAL REINFORCING AT DOT LOCATIONS SHOWN ON PLAN FROM FOOTING TO BOND BEAM.
4. ALL DIMENSIONS ARE TO OUTSIDE FACE OF MASONRY WALLS. SOME SLAB EDGES MAY EXTEND BEYOND FACE OF WALL.
5. FOR DIMENSIONS OF ROUGH OPENINGS IN MASONRY WALLS, COORDINATE WITH WINDOW/DOOR SUPPLIER.
6. PROVIDE PRESSURE TREATED BUCKS AT WINDOWS/ DOORS PER DETAIL 7/S-3.

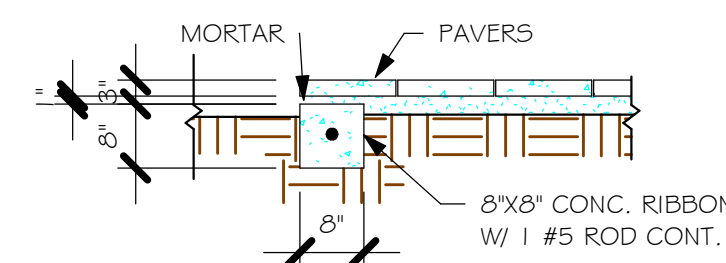
PAD FOOTING SCHEDULE						
TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REIN.		REMARKS
				LONG WAY	SHORT WAY	
(A)	2'-6"	2'-6"	1'-0"	3-#5	3-#5	-
(B)	3'-0"	3'-0"	1'-0"	4-#5	4-#5	-
(C)	3'-6"	3'-6"	1'-0"	4-#5	4-#5	-
(D)	4'-0"	4'-0"	1'-2"	5-#5	5-#5	-
(E)	5'-0"	5'-0"	1'-2"	6-#5	6-#5	-

WALL FOOTING SCHEDULE						
USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINFORCING	SHAPE
	F1	CONT.	1'-4"	0'-8"	2-#5	
X	F2	CONT.	1'-8"	0'-10"	2-#5	
	F3	CONT.	1'-0"	1'-8"	2-#5	
	F4	CONT.	1'-4"	1'-8"	2-#5	
X	F5	CONT.	1'-4"	1'-0"	2-#5	
	F6	CONT.	1'-4"	1'-0"	2-#5	
	F6A	CONT.	0'-8"	0'-8"	1-#5	
TE	CONT.	0'-8"	0'-8"	1-#5		

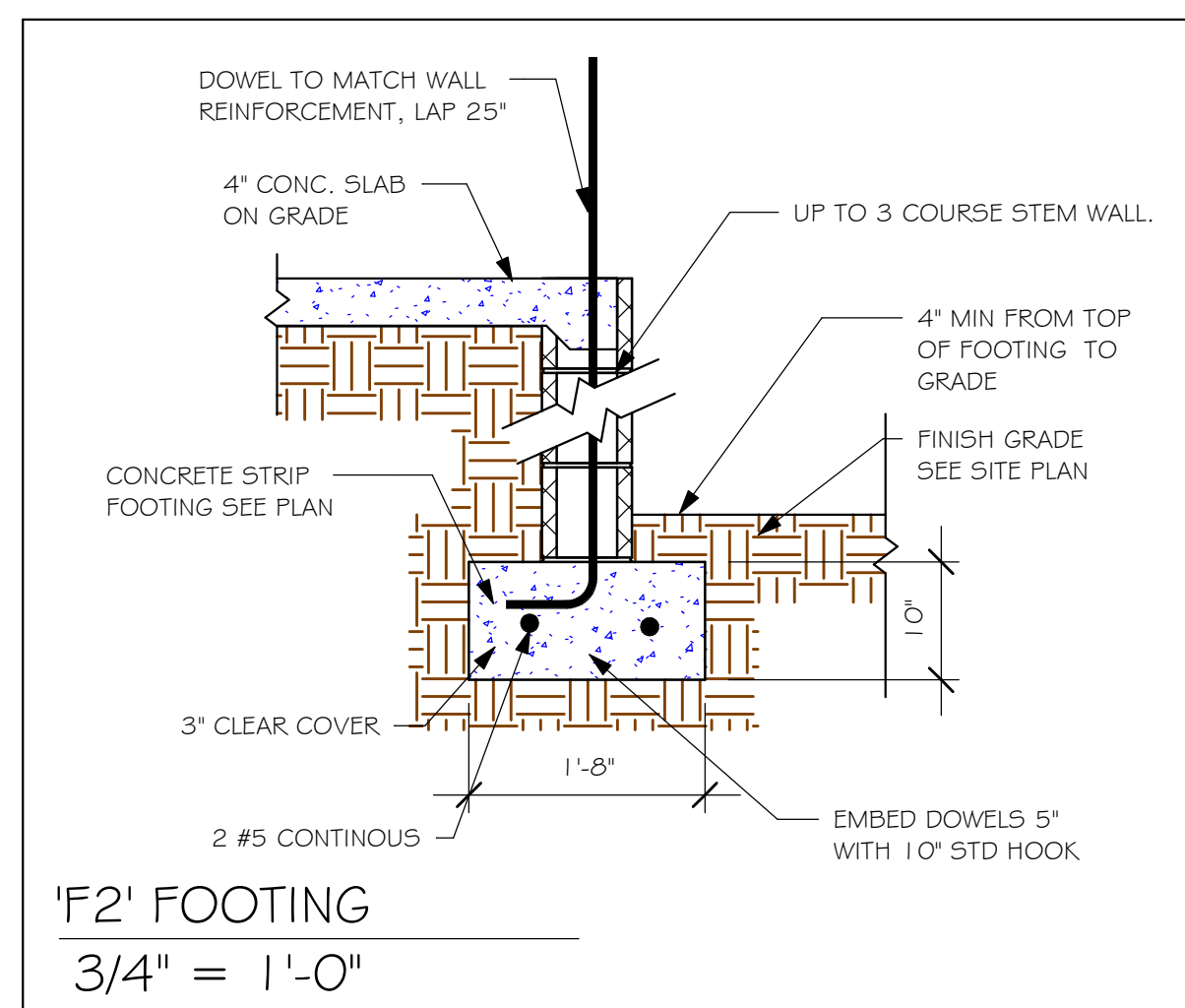
PROVIDE CORNER BARS IN FOOTING PER 6/S-3



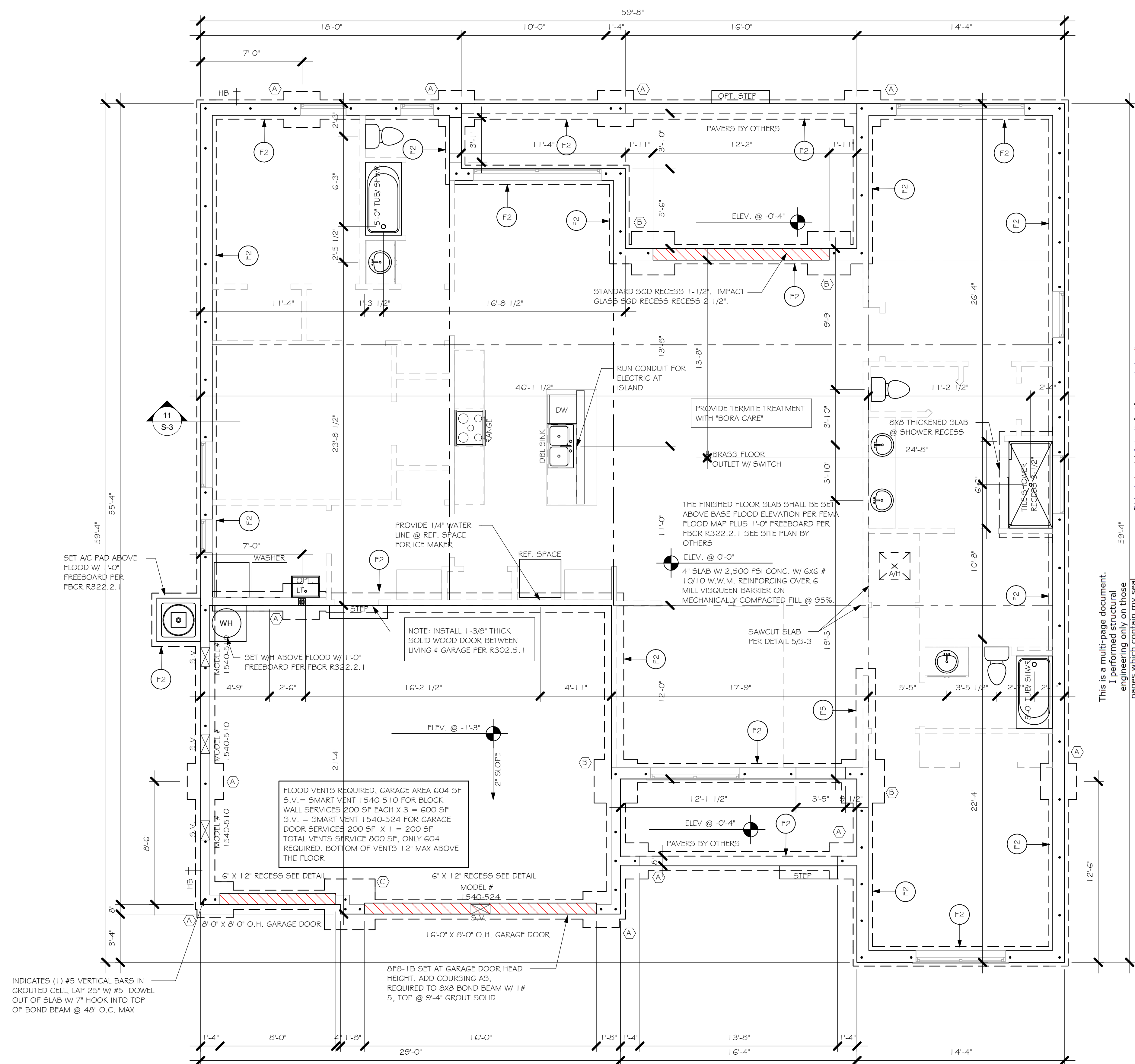
F5 FOOTING  
1/2" = 1'-0"



"P" PAVERS DETAIL ENTRY/LANAI  
1/2" = 1'-0"



NOTE: REINFORCING IN FOOTINGS SHALL BE CONTINUOUS AT CORNERS AND INTERSECTIONS. ADD CORNER BAR 25" X 25" AT EACH LONGITUDINAL BAR.



FOUNDATION PLAN "B"

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1/4" = 1'-0"

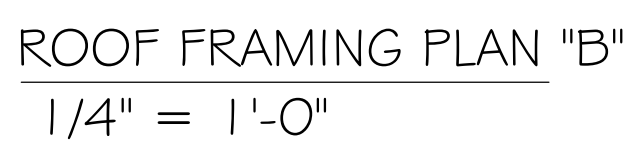
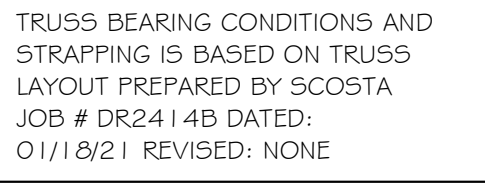
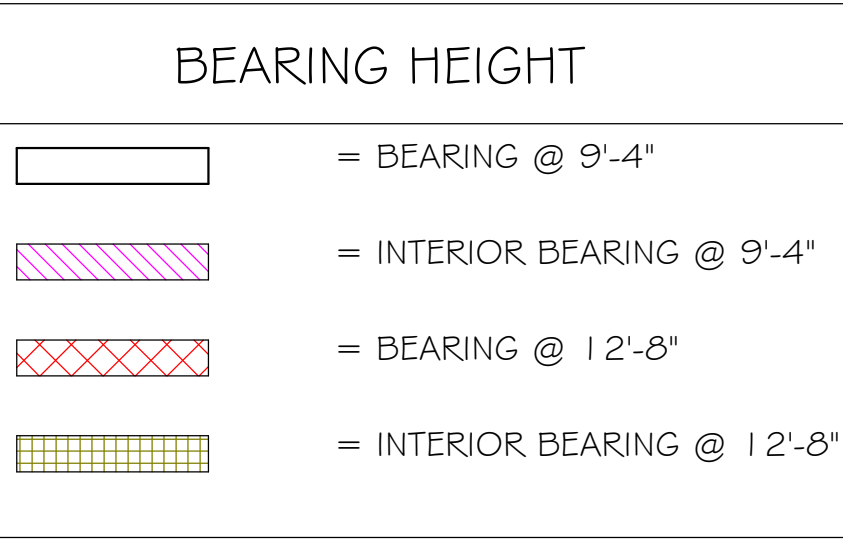
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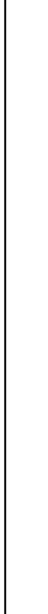
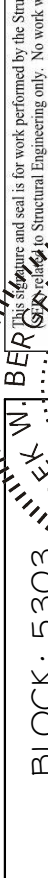
NOTES:	<ol style="list-style-type: none"> <li>1. PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE AND SUITABLE FOR THE GEOMETRY. EMBED STRAP ON CENTERLINE OF WALL.</li> <li>2. ANY OF THE VALID LENGTHS SHOWN MAY BE USED IN PLACE OF THE LENGTH SPECIFIED ON PLAN.</li> <li>3. CONNECTORS ARE SIMPSON STRONG-TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS. SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE ENGINEER OF RECORD.</li> <li>4. WHERE EMBEDDED STRAPS ARE MISSING, OR MIS-LOCATED, INSTALL RETROFIT STRAP PER 105-3. PER UPLIFT IN TRUSS ENGINEERING.</li> </ol>	SIMPSON CATALOG C-C- 2019
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# PLAN NOTES:

1. ROOF TRUSS BEARING ELEVATION VARIES, SEE LEGEND.
2. ROOF FRAMING SHALL BE WOOD TRUSSES DESIGNED BY A QUALIFIED TRUSS ENGINEER PER DESIGN CRITERIA ON SHEET S-3.
3. PROVIDE STRAPPING AT TRUSS/55 PER NOTES ON THIS SHEET.
4. FOR NAILING OF ROOF DECK, SEE 1 AND 2 ON S-3. 16F-1-B etc., DENOTES PRECAST Lintel ABOVE DOOR/WINDOW OPENING PER SCHEDULE THIS SHEET.
5. FOR BEARING, PROVIDE 6" MASONRY BOND BEAM W/ 1 #5 CONTINUOUS, SEE DETAIL 11/G-3.



DESIGN IN ACCORDANCE WITH THE RESIDENTIAL  
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EMAIL: <a href="mailto:PLANS@GULFCDRAFTING.COM">PLANS@GULFCDRAFTING.COM</a> PHONE: 239-540-1822 5535 SE 47th ST. CAPE CORAL, FL 33904	
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<div style="display: flex; justify-content: space-between;"> <div> <p><b>STRUCTURAL ENGINEERING</b></p> <p><b>NO. 58552</b></p> <p><b>STATE OF FLORIDA</b></p> <p><b>PROFESSIONAL ENGINEER</b></p> </div> <div> <p>1034 SE 47th ST. SUITE #2            CAPE CORAL, FL 33904            (239) 540-1822</p> <p>CA# 9809</p> </div> </div>	
LOT: 45-46 BLOCK: 5303 SUBDIVISION: CAPE CORAL SPOT - HORTON ADDRESS: 122 SW 33RD PLACE D.R.H. #: 578630255	MODEL 2414 GCD JOB # 14063
DATE:	01/06/22
DRAWN BY:	CWL
CHECKED BY:	JWC
REVISED:	
PLAN:	ROOF FRAMING PLAN
SCALE:	As indicated
S-2 B	



