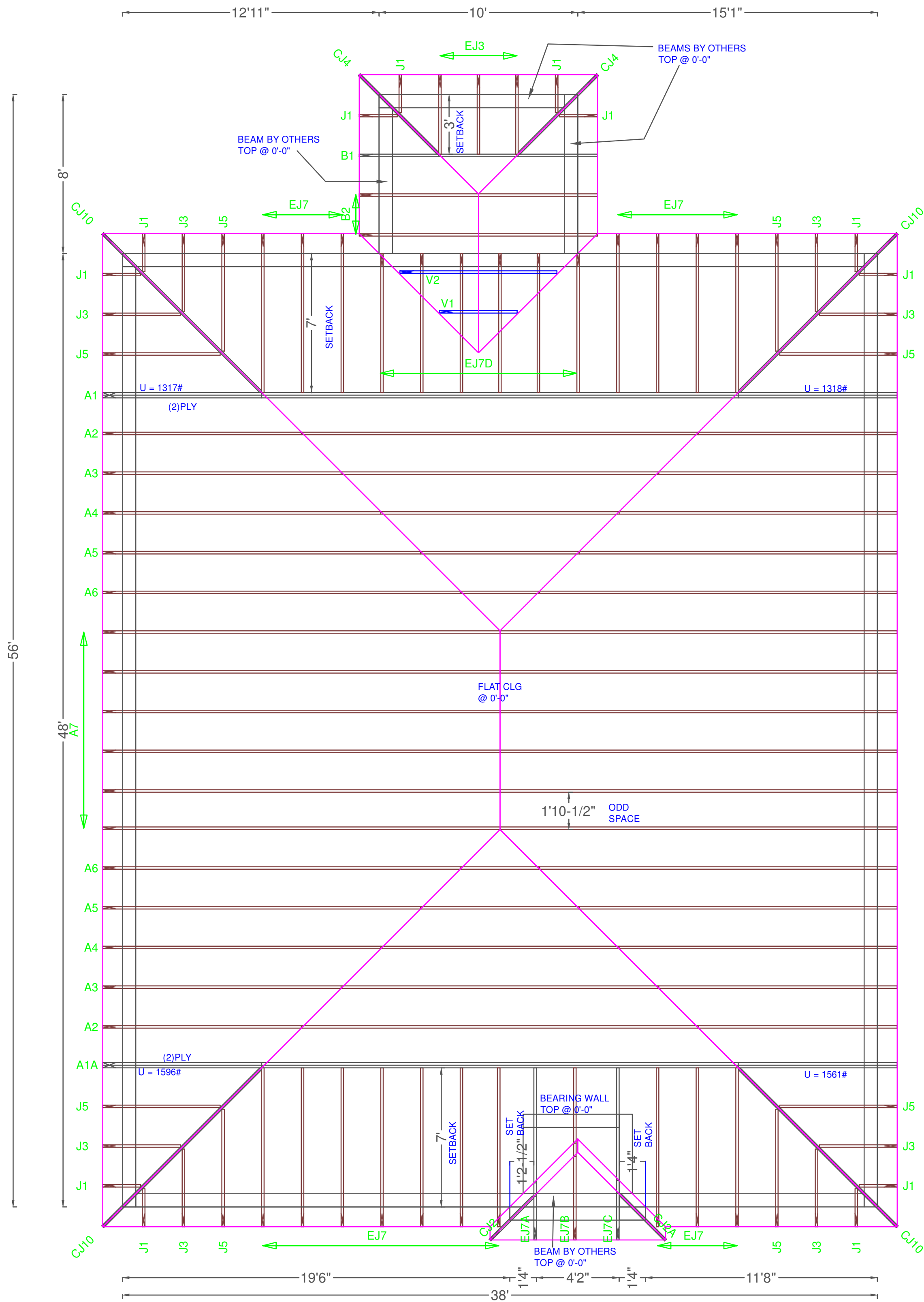
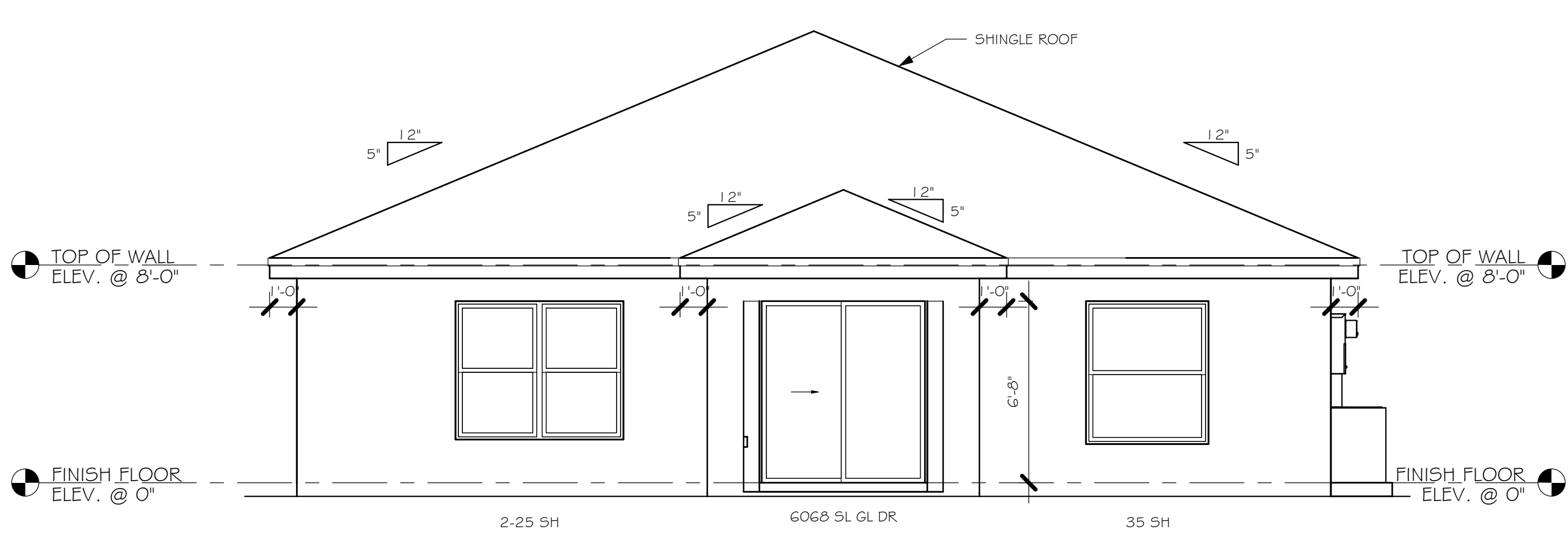


Engineer of Record for the Structure
Structural Systems of N. Fl, Inc.
Raul Reyes, PE 88925
1634 SE 47th Street #3
Cape Coral, FL 33904

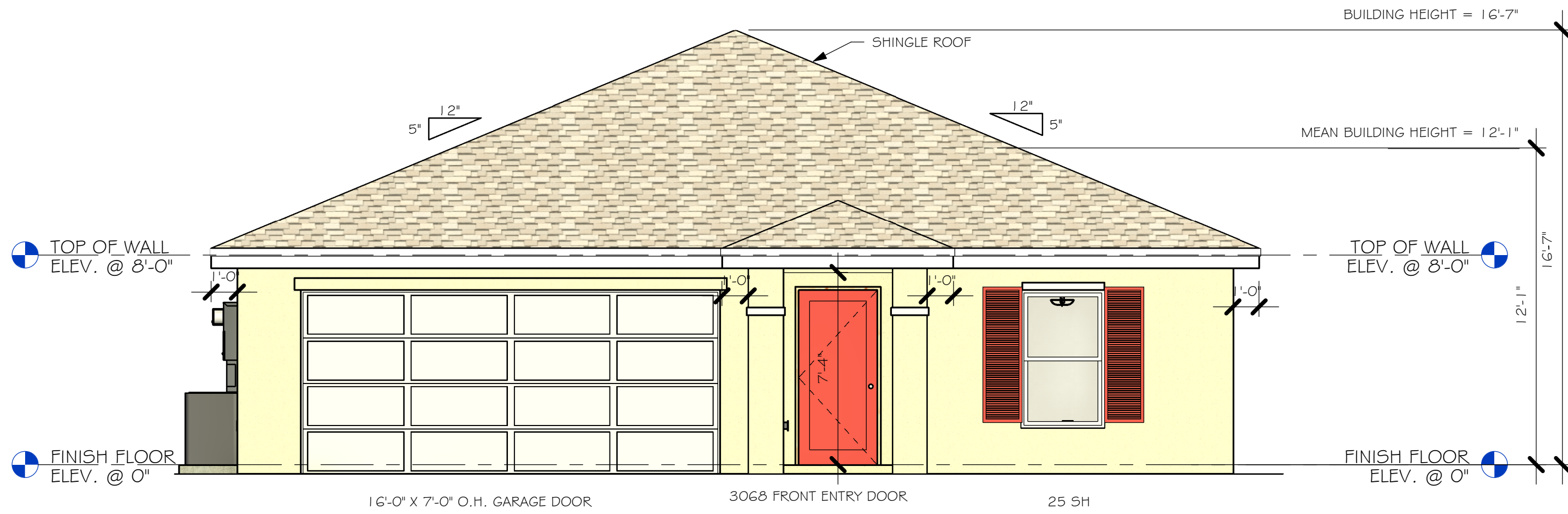
This document has been reviewed for
conformance with the design intent of the
structure and specified design criteria.

☒ Accepted As-Is ☐ Accepted As Noted ☐ Revise and Resubmit

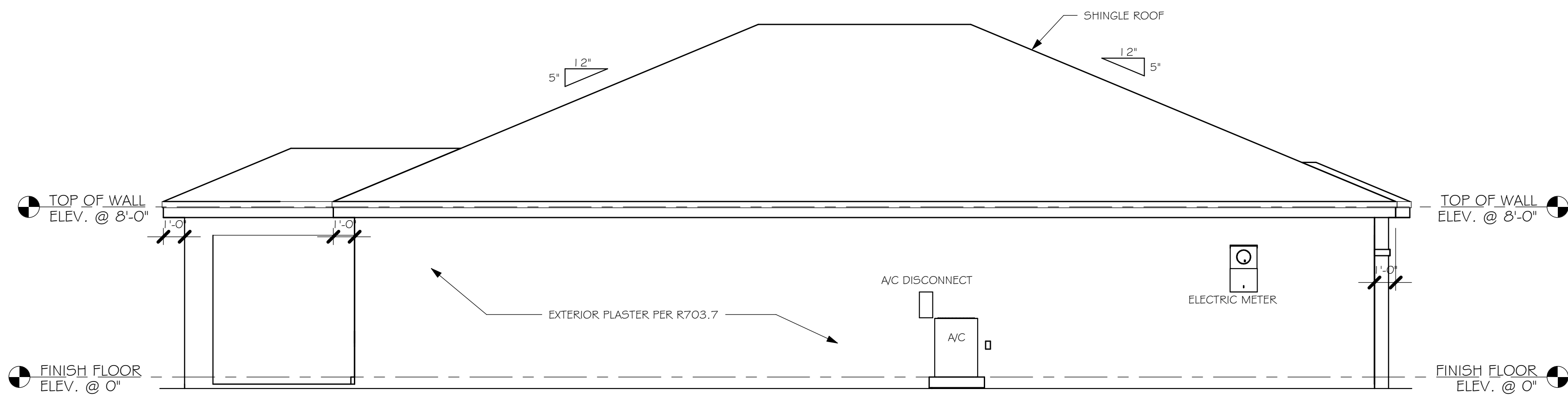




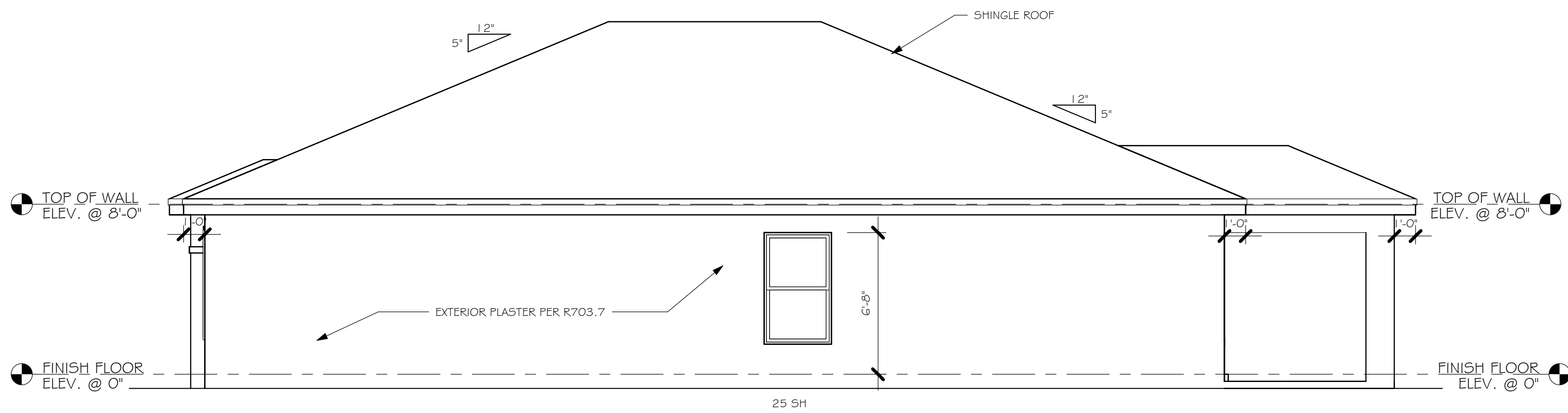
REAR ELEVATION
1/4" = 1'-0"



FRONT ELEVATION
1/4" = 1'-0"



LEFT ELEVATION
1/4" = 1'-0"



RIGHT ELEVATION
1/4" = 1'-0"

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



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

LOT: 18-19 BLOCK: 2135
SUBDIVISION: GATOR CIRCLE SPOT LOTS
ADDRESS: 2217 NE 7TH AVENUE
D.R.H. #: 579560220

MODEL
1389 B
GCD JOB # 12967

DATE: 06/14/21

DRAWN BY: CWL

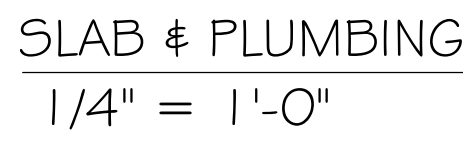
CHECKED BY: JWC

REVISED:

PLAN: ELEVATION

SCALE: As indicated

A-1



L:\O-New Data\1 - MASTER 2019\2019-BUILDERS\DK HORTON 2019\SUBDIVISIONS\GATOR
CIRCLE C.O\12967 LOT 1\8-19 BLK 2\135 1369 BUREVIT\12967 1369 BL.plt

DOOR SCHEDULE					
TYPE MARK	DESCRIPTION	MANUFACTURER	HEIGHT	WIDTH	COUNT
1	3068 ENTRY	DISTINCTION	6'-8"	3'-0"	1
2	2-3068 SL. GL. DR.	DISTINCTION	6'-8"	6'-0"	1
3	16070 OHGD	GARAGE DOOR	7'-0"	16'-0"	1

WINDOW SCHEDULE					
MARK	DESCRIPTION	MANUFACTURER	HEIGHT	WIDTH	COUNT
A	2-25 SH		5'-3"	6'-4"	1
B	25 SH		5'-5"	3'-4"	2
C	35 SH		5'-5"	4'-8"	1

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.

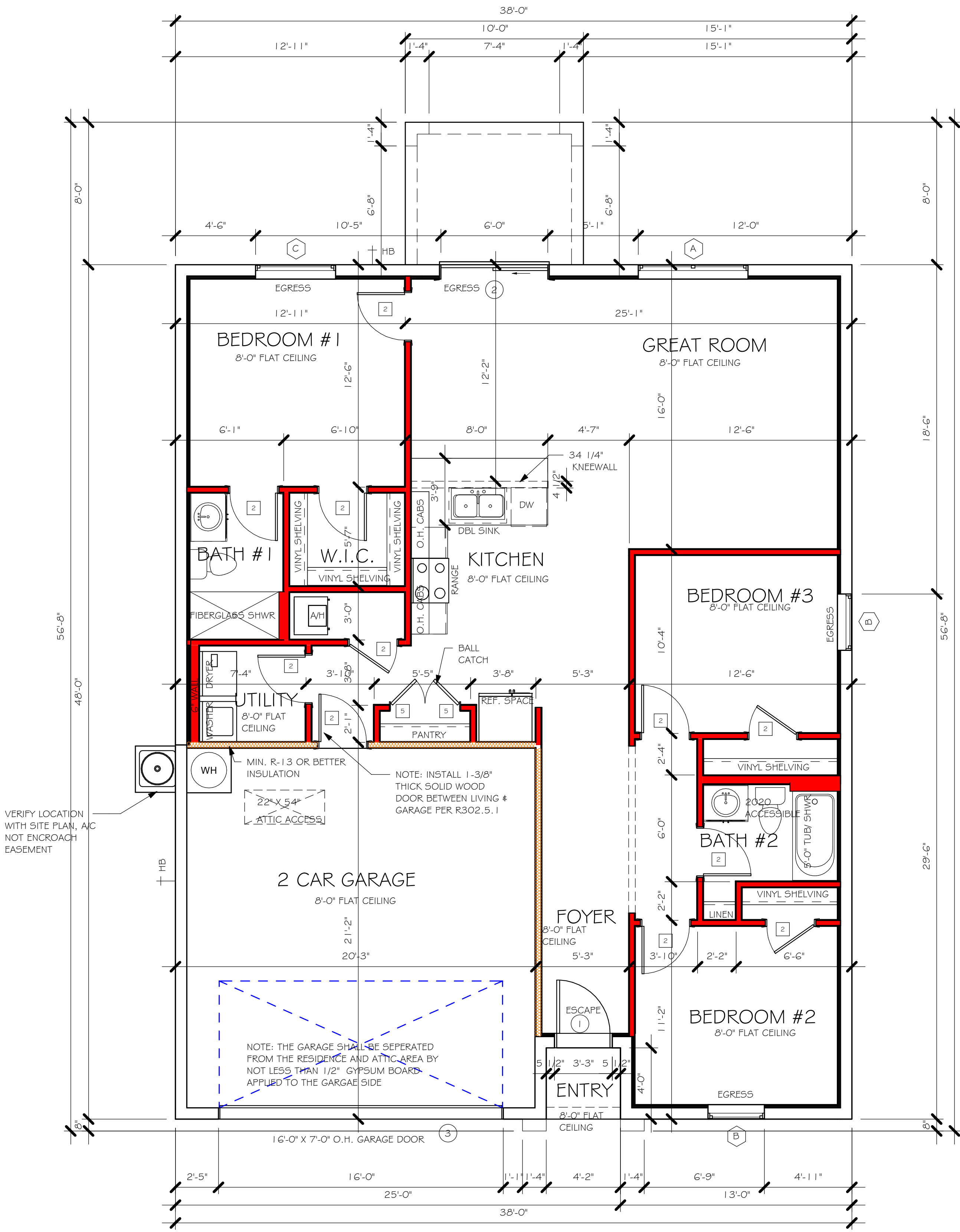
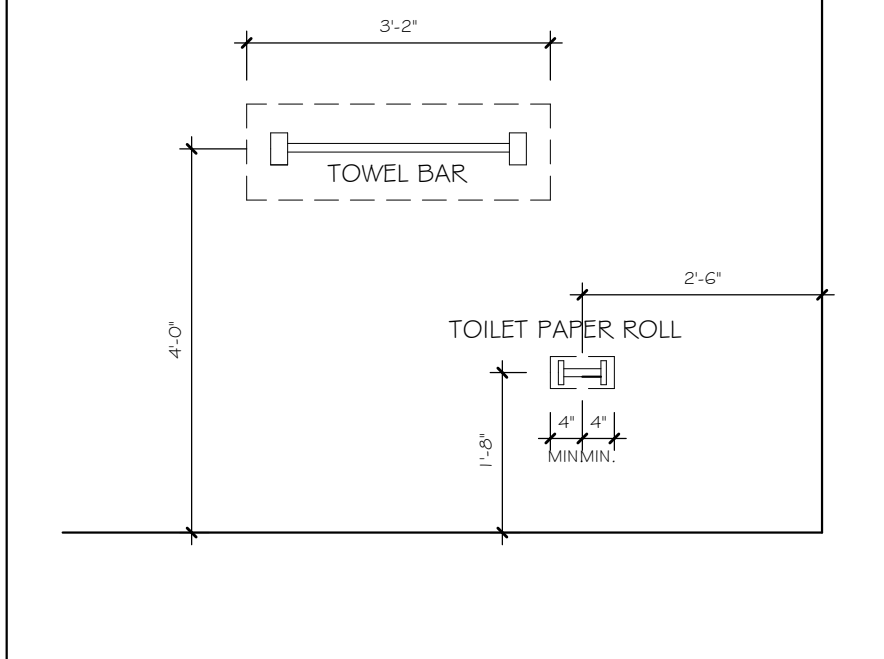
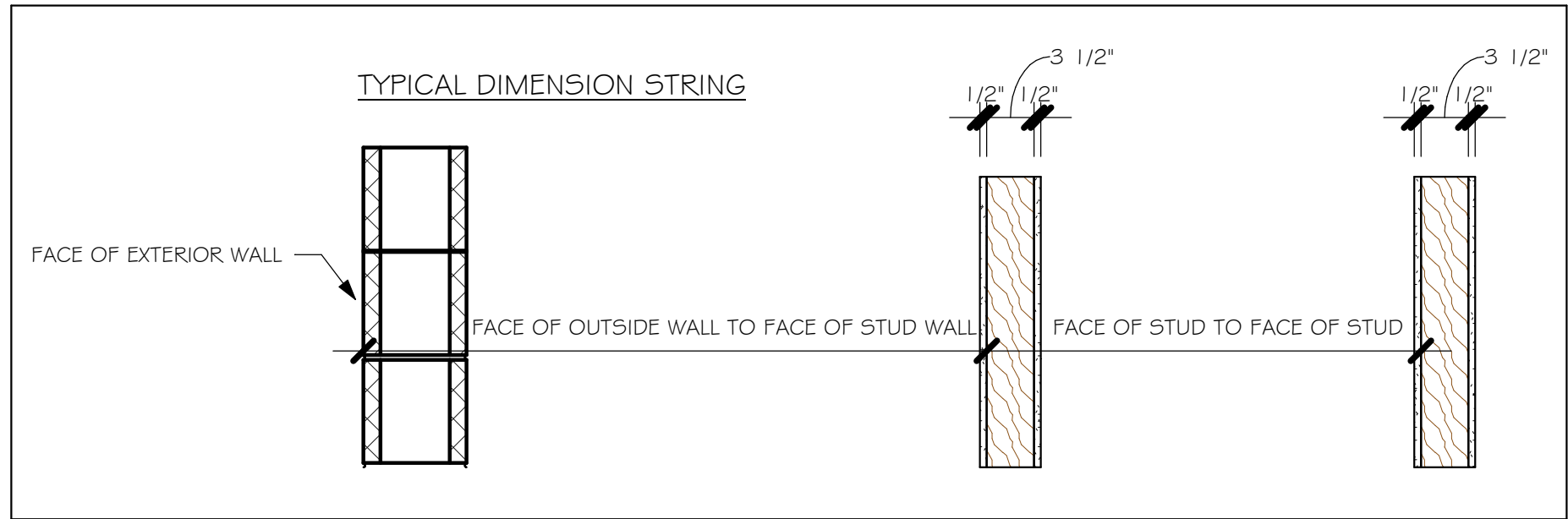
PLAN NOTES	
1)	VERIFY ALL ROUGH OPENING DIMENSIONS FOR ALL WINDOWS AND DOORS
2)	PROVIDE SAFETY GLAZING WITHIN 24" FROM EXIT PER FLORIDA BUILDING CODE R 308.4.2.
3)	PROVIDE SAFETY GLAZING AT BATH/ SHOWER PER FLORIDA BUILDING CODE R 308.4.5.
4)	NON BEARING INTERIOR FRAME WALLS SHALL BE FRAMED W/ WOOD OR 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" GYPSUM 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'-8"	
3	2'-6"	B.F. = BI-FOLD DOOR
4	2'-4"	B.P. = BI-PASS DOOR
5	2'-0"	
6	1'-8"	L.V. = LOUVERED DOOR
7	1'-6"	
8	2'-11"	

SQUARE FOOTAGE	
LIVING AREA	1,389
GARAGE AREA	419
LANAI AREA	80
FRONT PORCH/ ENTRY AREA	16
TOTAL SQUARE FOOTAGE	1,904

BATHROOM NOTES	
TB TOWEL BAR	ALL TUB DECKS @ 21" A.F.F.
TP TOILET PAPER	ALL BLOCKING TO BE PT IN SHOWERS



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

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



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PHONE: 239-540-8822
1515 SE 47th ST. CAPE CORAL, FL 33904

LOT: 18-19 BLOCK: 2135
SUBDIVISION: GATOR CIRCLE SPOT LOTS
ADDRESS: 2217 NE 7TH AVENUE
D.R.H. #: 579560220

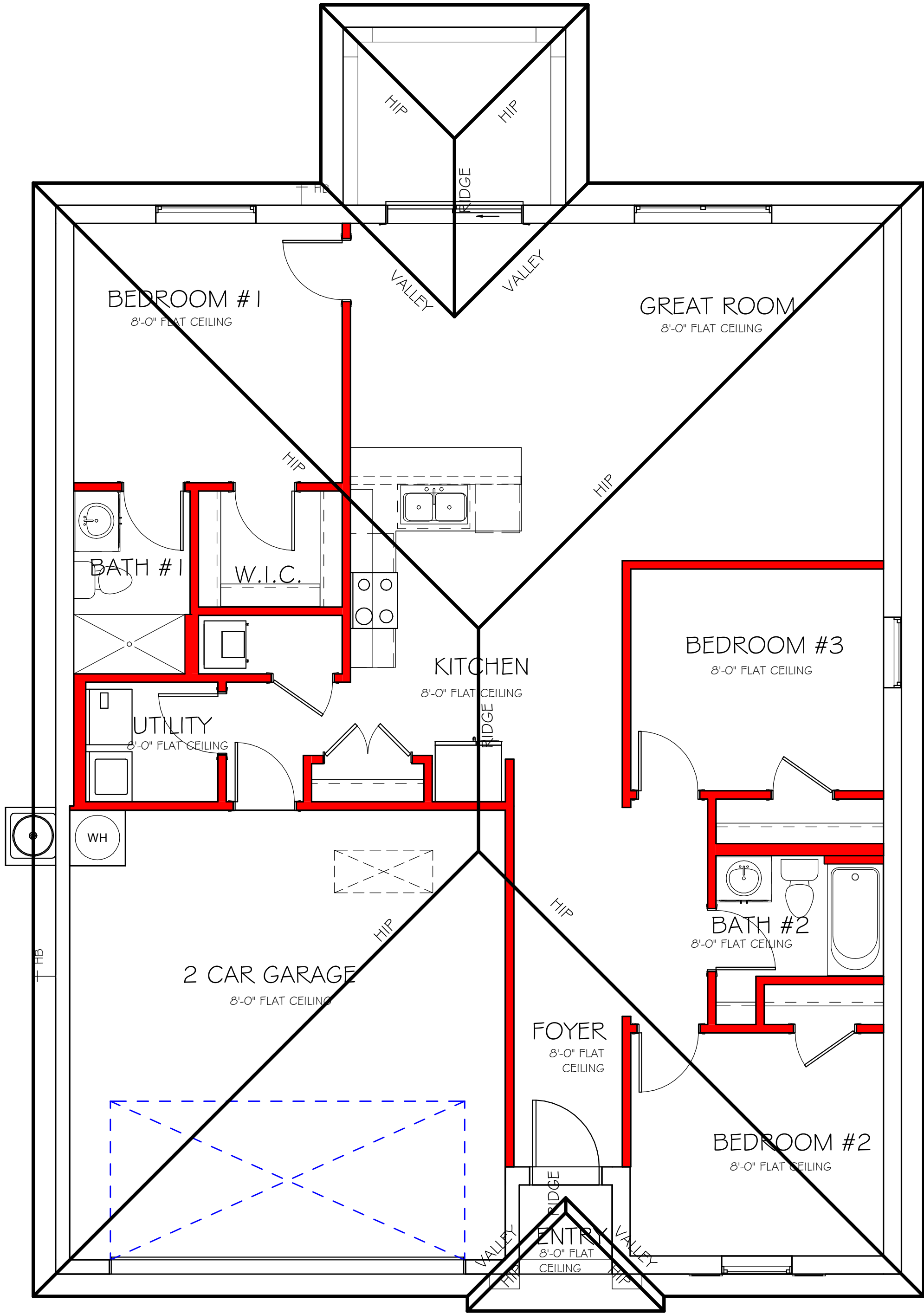
MODEL
1389 B
GCD JOB # 12967

DATE: 06/14/21
DRAWN BY: CWL
CHECKED BY: JWC
REVISED:
PLAN: FLOOR
SCALE: As indicated

L:\O-New Data\1 - MASTER 2019\2019-BUILDERS\DK HORTON 2019\SUBDIVISIONS\GATOR
CIRCLE C.O\2967 LOT 1&-19 BLK 2\35 1389 BLUREVIT\12967 1389 BL.rvt

MODEL 1389 B: ATTIC VENTILATION FBCR R806									
COORDINATE VENTING REQUIREMENTS WITH ENERGY CALCULATIONS									
AREAS (SQ. FT.)			SOFFIT ONLY (1/150) (NO ROOF VENTS)			WITH ROOF VENTS (1/300) (R.V.)			
ATTIC VENTILATION REQUIRED			ATTIC VENTILATION REQUIRED			ATTIC VENTILATION REQUIRED			
MARK	ATTIC	SOFFIT	ATTIC AREA/150	REQD AIR FLOW OF SOFFIT	QUAD 4 SOFFIT HAS	ATTIC AREA/300	QUANTITY OF ROOF VENTS	MIN AIR FLOW OF SOFFIT	
1st STORY	2000.0 SQ. FT.	176.0 SQ. FT.	13.33 SQ. FT.	7.57%	8.15%	--- SQ. FT.	-	---%	
			"SOFFIT ONLY" QUALIFIES			ROOF VENTS ARE NOT REQUIRED			
			SOFFIT MODEL			ROOF VENT MODEL			
			ACM QUAD 4, FULL VENT, NARROW PATTERN, 8.15% FREE AIR FLOW			32" BASE 22-3/8" BASE LOMANCO 770-D 0.97 SQ. FT. FREE AIR			

WALL HEIGHT	
	= WALL @ 8'-0"



ROOF PLAN
1/4" = 1'-0"

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



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LOT: 18-19	BLOCK: 2135
SUBDIVISION: GATOR CIRCLE SPOT LOTS	
ADDRS: 2217 NE 7TH AVENUE	
D.R.H. #: 579560220	

MODEL # 1389 B	GCD JOB # 12967
-------------------	-----------------

DATE:	06/14/21
DRAWN BY:	CWL
CHECKED BY:	JWC
REVISED:	
PLAN:	ROOF
SCALE:	As indicated

Y:\O-New Data\1 -MASTER 2019\2019-BUILDERS\DR HORTON 2019\SUBDIVISIONS\GATOR
CIRCLE C.O\12967 LOT 1\8-19 BLK 2\135 1389 BUREV\12967 1389 BL.rvt

PAD FOOTING SCHEDULE							
USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINF.		REMARKS
					LONG WAY	SHORT WAY	
X	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
	F1	CONT.	1'-4"	0'-8"	2-#5
	F2	CONT.	1'-8"	0'-10"	2-#5
X	F3	CONT.	1'-0"	1'-8"	2-#5
	F4	CONT.	1'-4"	1'-8"	2-#5
	F5	CONT.	1'-4"	1'-0"	2-#5
	F6	CONT.	1'-4"	1'-0"	2-#5
X	F6A	CONT.	0'-8"	0'-8"	1-#5
	TE	CONT.	0'-8"	0'-8"	1-#5

PROVIDE CORNER BARS PER 6/5-3

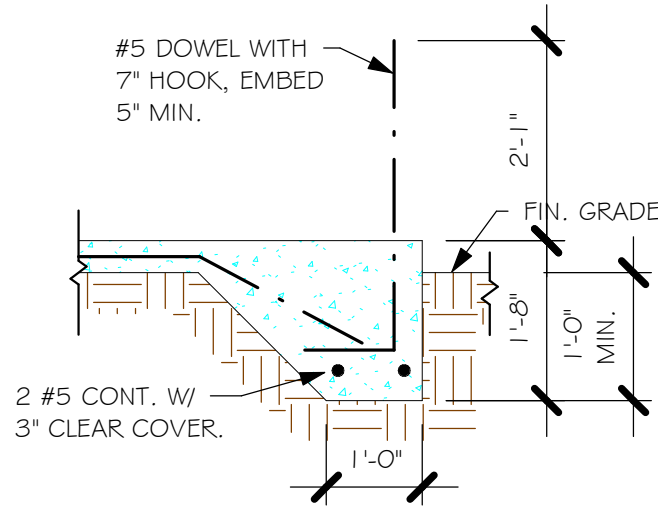
ADD CURB TO GARAGE, SEE DETAIL

FOUNDATION PLAN

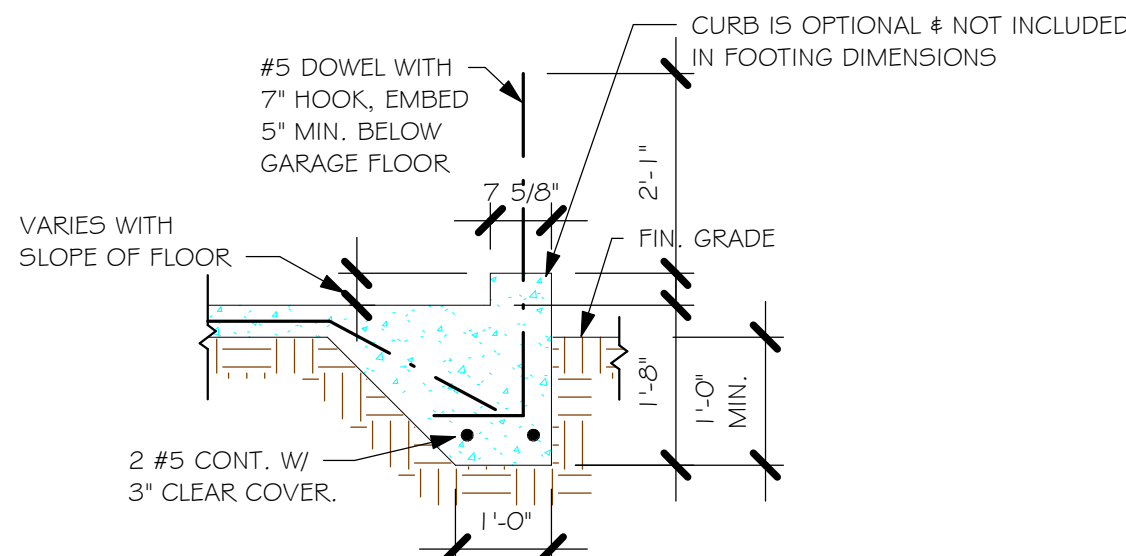
SCALE: 1/4" = 1'-0"

PLAN NOTES:

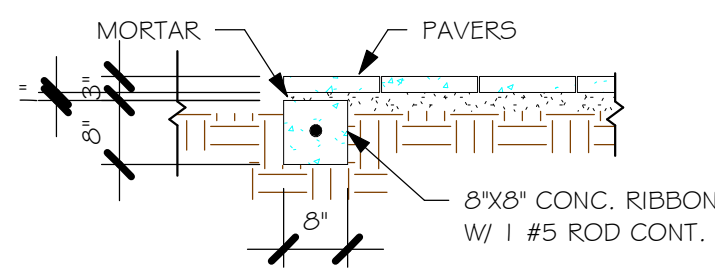
1. TOP OF GROUND FLOOR SLAB DATUM ELEVATION 0'-0"
2. "F#" DENOTES CONTINUOUS WALL FOOTING TYPE PER SCHEDULE THIS SHEET.
3. PROVIDE #5 VERTICAL REINFORCING AT DOT LOCATIONS SHOWN ON PLAN FROM FOOTING TO BOND BEAM.
4. ALL DIMENSIONS ARE TO OUTSIDE FACE OF MASONRY WALLS. SOME SLAB EDGES MAY EXTEND BEYOND 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 7/5-3.



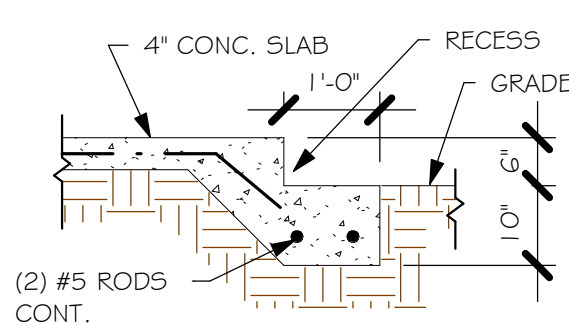
"F3" FOOTING
1/2" = 1'-0"



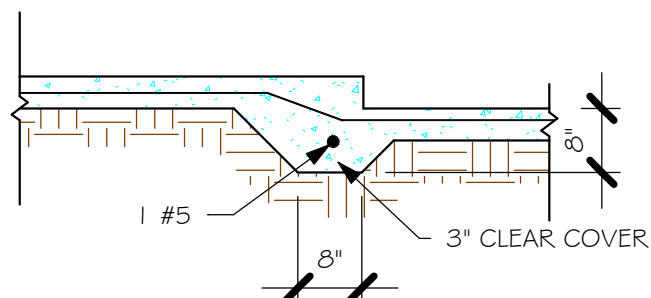
"F3" WITH CURB AT GARAGE
1/2" = 1'-0"



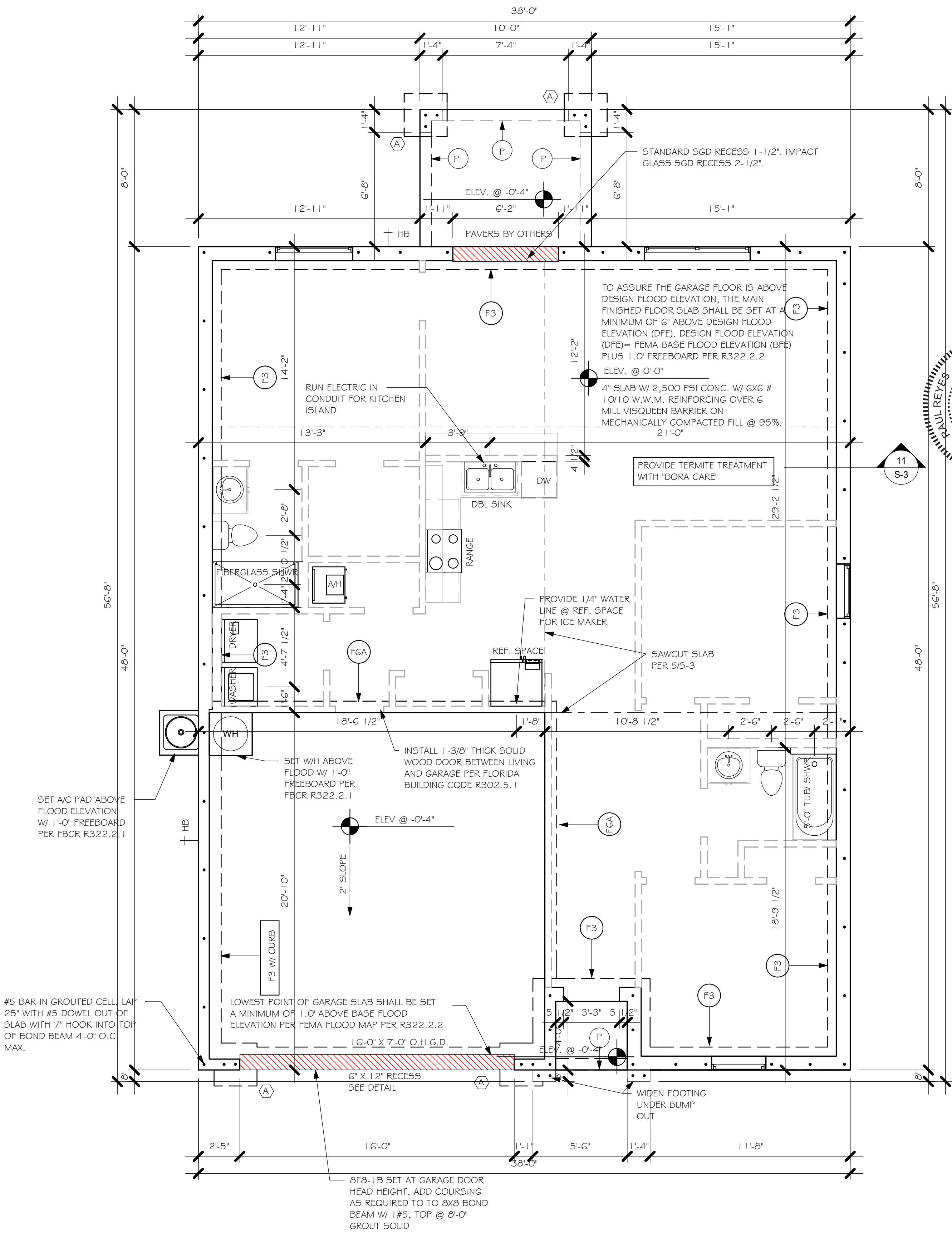
"P" PAVERS DETAIL ENTRY/ LANAI
1/2" = 1'-0"



GARAGE DOOR RECESS
1/2" = 1'-0"



"FGA" STEP DOWN
1/2" = 1'-0"



FOUNDATION
1/4" = 1'-0"



This item has been digitally signed by Raul Reyes on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be validated on any electronic copies.

STRUCTURAL ENGINEER
OF NORTH FLORIDA
RAUL REYES
1515 SE 47TH ST. CAPE CORAL, FL 33904
(239) 549-4254
CELL 889

RAUL REYES
LICENSE
No. 88925
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MODEL
1389 B
GCD JOB # 12967

LOT: 18-19
SUBDIVISION: GATOR CIRCLE SPOT LOTS
ADDRESS: 2217 NE 7TH AVENUE
D.R.H. #: 579560220

DATE:
06/14/21

DRAWN BY:
CWL

CHECKED BY:
JWC

REVISED:

PLAN:
FOUNDATION PLAN

SCALE:
As indicated

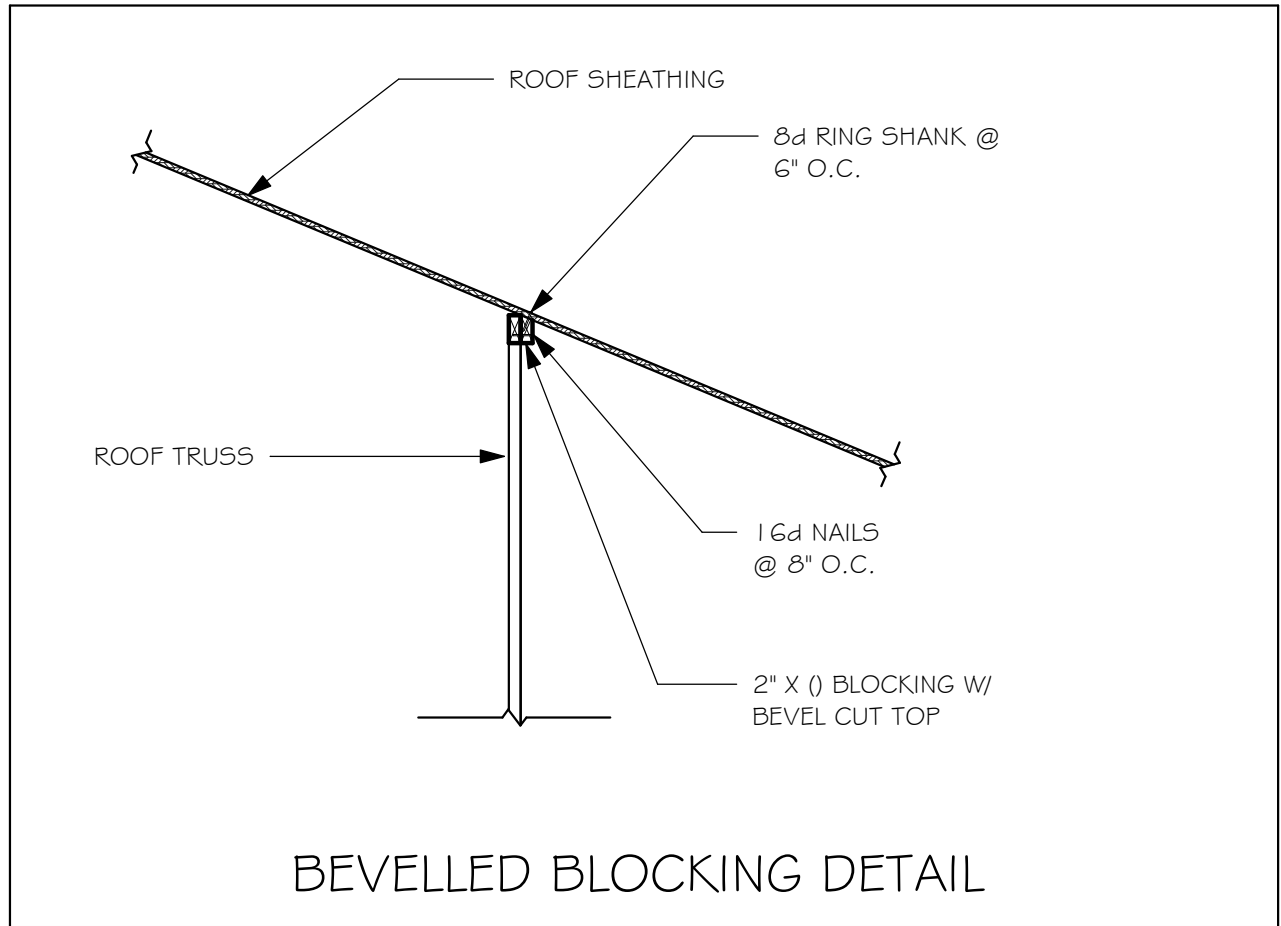
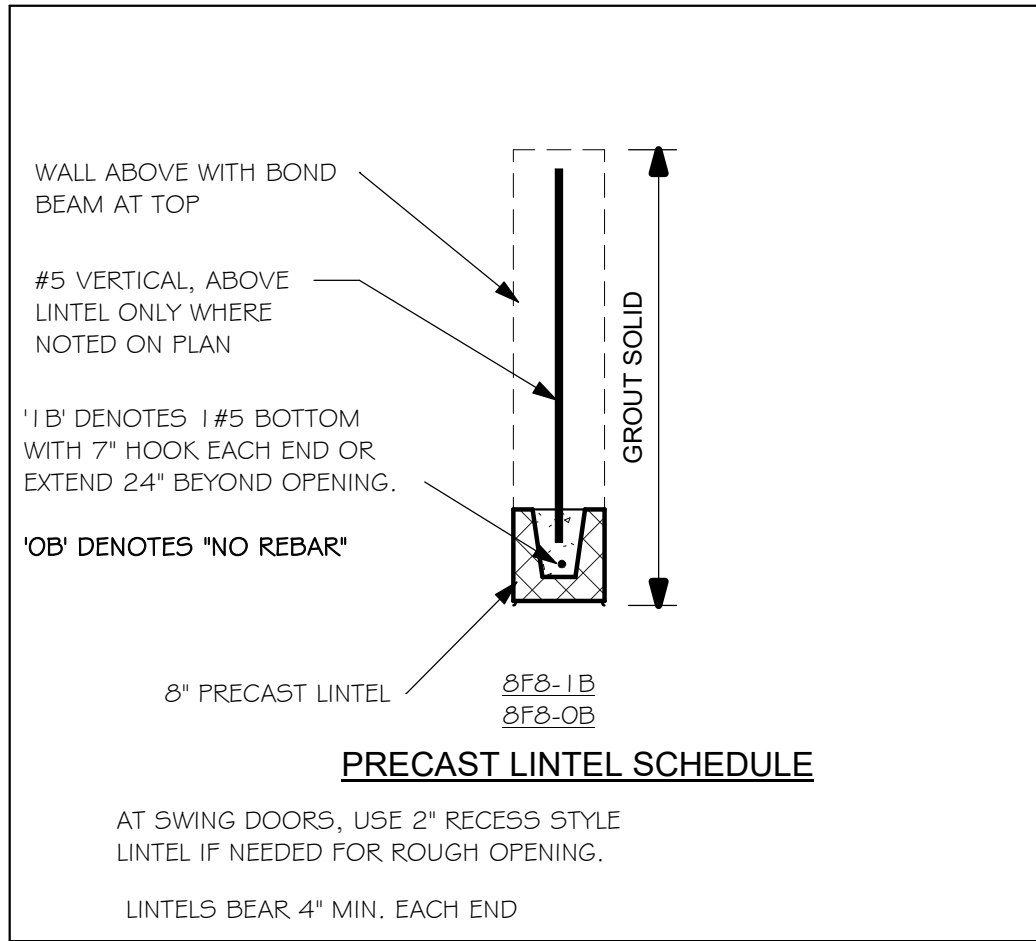
Y:\O-New Data\1 -MASTER 2019\2019-BUILDERS\DR HORTON 2019\SUBDIVISIONS\GATOR
CIRCLE C.O\2967 LOT 1&-19 BLK 2\135 1369 BLUREV\12967 1369 BL.rvt

TRUSS STRAPPING TO MASONRY			
MAX TRUSS UPLIFT (LBS)		STRAP/ANCHOR Valid lengths x/y/z	FASTENER
INSTALL META 1 G AT ALL TRUSSES TO 1450 lb UPLIFT. FOR HIGHER UPLIFTS, SEE NOTES ON PLAN.	1450 (1 PLY)	(1) META 1 G/1 8/20	(8) 0.148x1-1/2", EMBED 4"
	1810 (1 PLY)	(1) META 1 G/20	(9) 0.148x1-1/2", EMBED 4"
	1875 (1 PLY)	(2) META 1 G/1 8/20	(10) 0.148x1-1/2", EMBED 4"
	1920 (1 PLY)	(2) META 1 G/20	(10) 0.148x1-1/2", EMBED 4"
	2120 (1 PLY)	(2) META 1 G/20	(10) 0.148x1-1/2", EMBED 4"
	1795 (2 OR 3 PLY)	(2) META 1 G/1 8/20	(14) 0.162x3-1/2", EMBED 4"
	2365 (2 OR 3 PLY)	(2) META 1 G/20	(12) 0.162x3-1/2", EMBED 4"
	3965 /DF /5P (2 PLY)	MGT	(22) 0.148x3" ATR, EPOXY 12"
	3000 /DF /5P (1 PLY 2x4)	HTT4	(18) 0.148x1-1/2", 5/8" ATR, EPOXY 12"
	4455 /DF /5P (1 PLY 2x6)	HTT4	(18) SD#1 0x1-1/2", 5/8" ATR, EPOXY 12"
	4235 /DF /5P (2 PLY 2x4)	HTT4	(18) 0.162x2-1/2", 5/8" ATR, EPOXY 12"
	4555 /DF /5P (1 PLY 2x6)	HTT5	(26) SD#1 0x1-1/2", 5/8" ATR, EPOXY 12"
	4670 /DF /5P (2 PLY 2x4)	HTT5	(26) 0.148x3", 5/8" ATR, EPOXY 12"
	5445 /DF /5P (2 PLY 2x4)	HTT5KT	(26) SD#1 0x2-1/2", 5/8" ATR, EPOXY 18"
	10690 /DF /5P (2 PLY)	(1) HGT - 2	(16) 0.148x3", (2) 3/4" ATR, EPOXY 12"
10790 /5YP (3PLY)	(1) HGT - 3	(16) 0.148x3", (2) 3/4" ATR, EPOXY 12"	

NOTES:

- 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.
- 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 INSTRUCTIONS. 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



PLAN NOTES:

- ROOF TRUSS BEARING @ 8'-0".
- ROOF FRAMING SHALL BE WOOD TRUSSES DESIGNED BY A DELEGATED TRUSS ENGINEER PER DESIGN CRITERIA ON SHEET S-3.
- PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS SHEET.
- FOR NAILING OF ROOF AND FLOOR DECK, SEE 1 AND 2 ON S-3.
- 8FB-1B etc., DENOTES PRECAST LINTEL ABOVE DOOR/WINDOW OPENING PER SCHEDULE THIS SHEET.
- AT TRUSS BEARING, PROVIDE 8x8 MASONRY BOND BEAM W/ 1 #5 CONTINUOUS, SEE DETAIL 11/5-3.

TRUSS BEARING CONDITIONS AND STRAPPING IS BASED ON TRUSS LAYOUT PREPARED BY SCOSTA
JOB#: DR1389BL DATED: 11/30/2020 REVISED: NONE

THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE + ATTIC BY NOT LESS THAN 1/2" GYPSUM BOARD APPLIED TO THE GARAGE SIDE. GARAGES BENEATH HABITABLE ROOM 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" GYPSUM BOARD OR EQUIVALENT

CORNER BARS IN BOND BEAM PER DETAIL 8/5-3

8FB-1B SET AT GARAGE DOOR HEAD HEIGHT, ADD COURSING AS REQUIRED TO 8x8 BOND BEAM W/ 1#5 TOP @ 8'-0" GROUT SOLID

EMBED META 1 G AT ALL TRUSSES, EXCEPT AS NOTED AT GIRDERS

#5 BAR IN GROUTED CELL, WITH 7" HOOK INTO TOP OF BOND BEAM

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

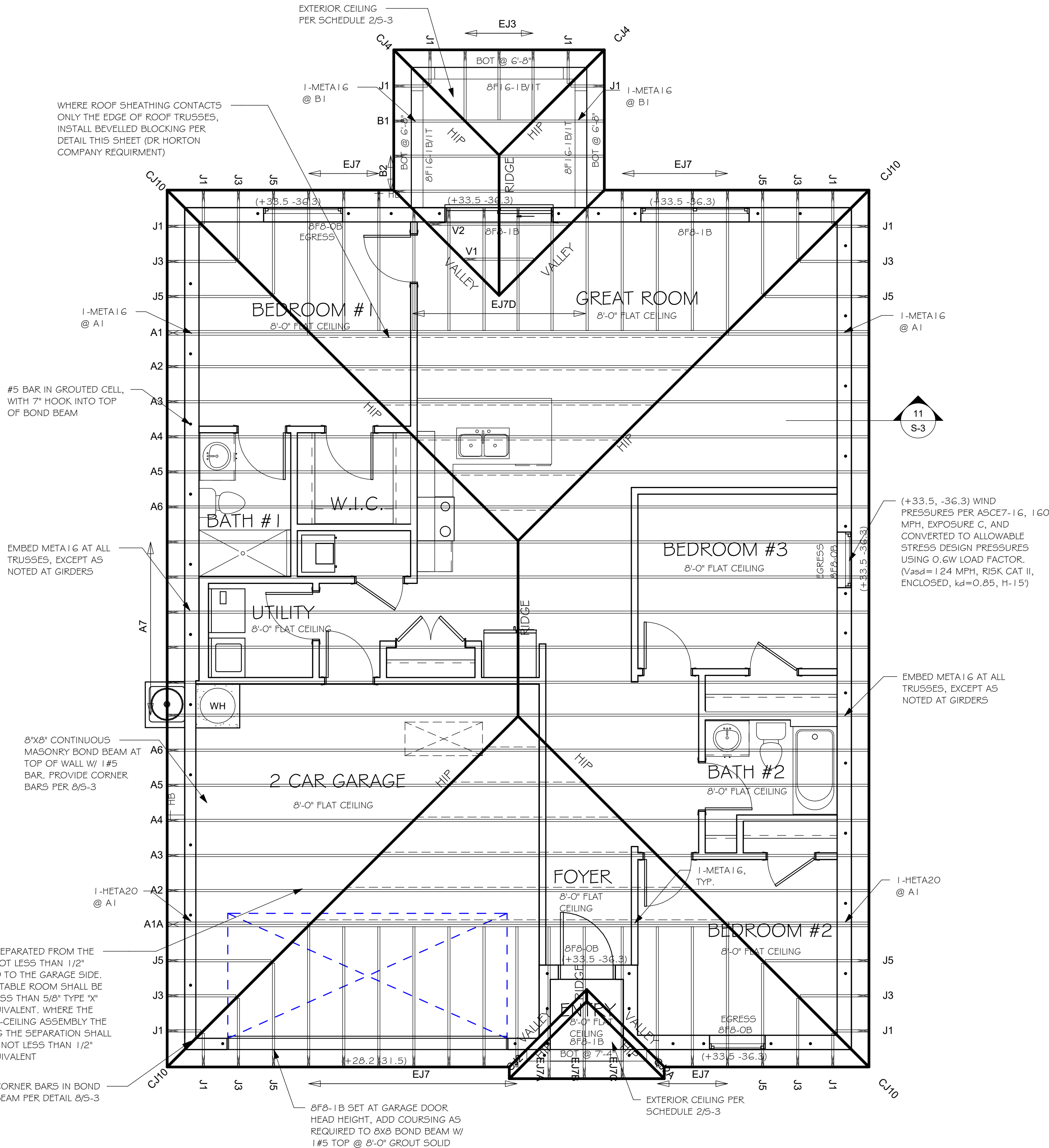


TABLE R803.2.3.1 – NAIL SPACING BASED ON SPECIFIC GRAVITY OF RAFTER/TRUSS: ALL TRUSS TOP CHORDS AND FIELD ROOF FRAMING SHALL BE SOUTHERN PINE, SPECIFIC GRAVITY=0.55 (EXCEEDS SG=0.42 AND 0.49 OF TABLE R803.2.3.1).

ENSURE THAT ALL NAILS PENETRATE THE TOP CHORD OF THE TRUSS WITHOUT SPLITTING.

TYPICAL HOUSE PLAN

EDGE NAIL TO BLOCKING AT RIDGE/VALLEY/HIP

STAGGER JOINTS AT SHEATHING PANELS

EDGE NAIL TO FACIA BOARD

NAIL SPACING (TABLE R803.2.3.1) WIND SPEED / EXPOSURE

160/B, 160/C, 170/B	170/C
NAIL SPACING: 6" O.C. EDGE 6" O.C. FIELD	NAIL SPACING: 4" O.C. EDGE 4" O.C. FIELD

NAIL TYPE (SECTION R803.2.3.1) 19/32 SHEATHING

2½" x 0.131" RING SHANK OR 3" x 0.120" RING SHANK (PER ASTM F1667 RSRs-03 & 04)

1

NAILING OF ROOF SHEATHING

SCALE: NTS

MAY BE SLOPED OR VERTICAL

DOWEL TO MATCH WALL REINFORCING, LAP 25"

FINISHED GRADE, SEE SITE PLAN

MONOLITHIC FOOTING, SEE PLAN

CURB IS OPTIONAL AND NOT INCLUDED IN DEPTH OF FOOTING

EMBED DOWELS 5" WITH 10" STD HOOK

3" CLEAR COVER TO REINFORCING

VARIES

W

D

12" MIN

#5 PROTRUDE 25"

VARIES

W

D

12" MIN

A EDGE

B INTERIOR

C STEPDOWN

D GARAGE

4

MONOLITHIC FOOTINGS

SCALE: 3/4" = 1'-0"

8" CMU WALLS

2x4 or 2x6 P.T. BUCK @ FLANGED WINDOWS (SEE NOTE)

1/4"x3¾" TAPCON @ 24" OC, 3 SCREWS MIN. (SEE NOTE)

8" CMU, SEE PLAN FOR REINFORCING

DOOR

2x8 OR 2x6 P.T. SYP#2

2x2x1/8" WASHER

½"Ø EXPANSION BOLT, 4" MIN. EMBEDMENT, SPACE 24" OC AND 12" FROM TOP & BOT.

WINDOW/DOOR ROUGH OPENING

7

BUCK FASTENING

GARAGE DOOR

NOTE: THIS BUCK FASTENING DETAIL IS INTENDED FOR FLANGED WINDOW/DOOR PRODUCTS THAT FASTEN THRU THE FLANGE WITH WOOD SCREWS TO THE BUCK. FOR WINDOW/DOOR PRODUCTS THAT DO NOT HAVE A FLANGE AND FASTEN INSTEAD OUTWARD THRU THE FRAME, USE MASONRY SCREWS PER MFR. THAT ARE LONG ENOUGH TO PENETRATE 2-1/4" INTO THE MASONRY. IN THIS CASE, THE BUCK MATERIAL IS SIMPLY A SPACER AND MAY BE 1x4 OR 1x6 OR OMITTED ENTIRELY AND THE SPACER MAY BE TACKED IN PLACE WITH MASONRY NAILS OR PINS.

RETROFIT STRAPS TO CONCRETE/MASONRY		
TRUSS UPLIFT (LBS) @ 24" OC	CONNECTOR	
TO 840	1-MTSM16 or 20	7-10dx1½", 4-1/4"x2½" TITEN
TO 1045	1-HTSM16 or 20	8-10dx1½", 4-1/4"x2½" TITEN
TO 2090	2-HTSM16 or 20	8-10dx1½", 4-1/4"x2½" TITEN
TO 4300	2-LGT2	16-16d, 7-1/4"x2½" TITEN
TO 3480	HTT16	18-16d, ¾"Ø ALLTHREAD, DRILL & EPOXY 10" EMBED w/ SIMPSON SET.
TO 10530	HGT-2/3	TWO ¾"Ø ALTHREAD, DRILL & EPOXY 12" EMBED WITH SIMPSON SET.

NOTES:

- WHERE EMBEDDED STRAP IS MISSING OR MIS-LOCATED, 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.
- CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS.

10

RETROFIT UPLIFT CONNECTOR SCHEDULE

SHEATHING SCHEDULE	
EXTERIOR STUD WALL	FLOOR
7/16" ZIP SYSTEM WALL SHEATHING BY HUBER ENGINEERED WOODS LLC, NAILED W/ 8d COMMON WIRE @ 6" O.C. EDGE AND 6" O.C. FIELD. PROVIDE 2x4 BLOCKING AT ALL JOINTS. INSTALL SHEATHING AND SEAM TAPE IN STRICT ACCORDANCE WITH MFR. WRITTEN INSTRUCTIONS.	N/A
ROOF – PER FBCR TABLE 803.2.2	EXTERIOR CEILING
19/32 CLASS A.P.A. RATED SHEATHING, EXPOSURE 1, SPAN RATING 40/20. FASTEN WITH RING SHANK NAILS PER DETAIL 1/S-3	1) 1x4 STRIPPING @ 16"OC w/ 2-8d NAILS TO EACH TRUSS, ¾" EXTERIOR GYPBOARD CEILING, FASTEN W/8d NAILS OR 1½" DRYWALL SCREWS @ 6"OC EDGE & FIELD. 2) ¾" BC PLYWOOD NAILED w/ 6d COMMON @ 6" OC EDGE & FIELD.
(WHEN ZIP BRAND ROOF SHEATHING IS USED, H-CLIPS ARE NOT REQUIRED)	SOFFIT
	ALUMINUM PERFORATED SOFFIT INSTALLED PER MANUFACTURER INSTRUCTIONS TO MEET WIND PRESSURES PER R704.

NOTE: EXTERIOR CEILINGS SPECIFIED ABOVE MEET THE DESIGN WIND PRESSURES PER R703.1.2

¾" DEEP SAWCUT W/ ELASTOMERIC SEALANT

SLAB ON GRADE, SEE PLAN

NOTES:

- PROVIDE SAWCUTS TO CREATE APPROXIMATE 20' X 20' MAXIMUM SQUARES.
- SAWCUT CONCRETE SLAB WITHIN 4 TO 12 HOURS OF CONCRETE PLACEMENT.

5

SLAB SAWCUT DETAIL

SCALE: NTS

#5 CORNER BAR, 25"x25"

MASONRY BOND BEAM, TYPICAL

INTERSECTION

CORNER

8

CORNER BAR DETAIL IN BOND BEAMS

SCALE: 3/4" = 1'-0"

ROOF COVERING AS SELECTED BY BUILDER PER: FBCR 905.2 ASPHALT SHINGLES FBCR 905.3 CLAY AND CONCRETE TILE FBCR 905.10 METAL ROOF PANELS

ROOF SHEATHING, SEE SCHEDULE 2/S-3

WOOD TRUSSES @ 24" OC, DESIGNED BY DELEGATED TRUSS ENGINEER

EMBEDDED STRAP AT EACH ROOF TRUSS, SEE ROOF PLAN. BREAK OUT WEB OF BLOCK AS NEEDED TO PROPERLY LOCATE EACH STRAP

APPROVED ISOLATION PLATE

8"x8" CONTINUOUS MASONRY BOND BEAM w/ 1-#5, GROUT SOLID. PROVIDE CORNER BARS PER DETAIL 8/S-3

#5 VERT. IN GROUTED CELL AT DOT LOCATIONS ON PLAN (48" OC MAX EXTERIOR)

ALUMINUM SOFFITS SHALL MEET WIND DESIGN PRESSURES PER R704 INSTALLED PER MFR. SPECS.

#5 VERTICAL SHALL HAVE 7" STANDARD HOOK INTO TOP OF BOND BEAM

DOWEL TO MATCH WALL REINFORCING, LAP 25"

FINISHED GRADE, SEE SITE PLAN

MONOLITHIC FOOTING, SEE PLAN

MERGE PAD FOOTINGS WITH EDGE FOOTINGS

EMBED DOWELS 5" WITH 10" STD HOOK

3" CLEAR COVER TO REINFORCING

11

FULL HEIGHT WALL SECTION

SCALE: 3/4" = 1'-0"

WINDOW/DOOR/SOFFIT DESIGN WIND PRESSURES

WIND PRESSURES PER ASCE7-16, 160 MPH, EXPOSURE C, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR. (Vosd=124 MPH, RISK CAT II, ENCLOSED, kd=0.85, h=15', λ=1.21)

TYPE	INTERIOR ZONE 4	END ZONE 5
SOFFIT	+33.5 -36.3	+33.5 -44.8
TYPICAL WINDOWS & DOORS	+33.5 -36.3	+33.5 -44.8
8" OR 9" GARAGE DOORS	+29.4 -33.3	
16" OR 18" GARAGE DOORS	+28.2 -31.5	

(SEE PLAN FOR OTHER SPECIFIC PRESSURES)

- TABLE MAY BE USED FOR ANY SIZE WINDOW OR DOOR IN EACH TYPE.
- USE "INTERIOR ZONE 4" PRESSURES UNLESS WINDOW OR DOOR IS LOCATED WITHIN THE "END ZONE 5" (SEE DIAGRAM BELOW), THEN USE THE HIGHER PRESSURES UNDER THE "END ZONE 5" COLUMN.
- ALL GLASS / GLAZING SHALL BE IMPACT RATED OR USE IMPACT RATED SHUTTERS.
- SUBMIT PRODUCT APPROVALS TO THE BUILDING DEPARTMENT AS REQUIRED BY THE LOCAL JURISDICTION.
- MANUFACTURED SOFFIT PRODUCTS SHALL BE INSTALLED PER MFR ENGINEERING SPEC SHEETS.

* ON IRREGULAR SHAPED BUILDINGS, THERE IS NO GUIDANCE IN THE CODE FOR HOW FAR A CORNER MUST PROTRUDE FROM THE MAIN BUILDING TO BE CONSIDERED "ZONE 5". WE HAVE CHOSEN >15". THIS IS SUBJECT TO JUDGEMENT CALL BY THE AUTHORITY HAVING JURISDICTION.

IN ZONE 5, MANUFACTURED SOFFIT PRODUCTS MAY REQUIRE ADDITIONAL BATTENS OR FASTENING PER MFR ENGINEERING SPEC SHEETS TO MEET THE PRESSURE REQUIREMENTS.

END ZONE 5 PRESSURES OCCUR AT "PRIMARY" OUTSIDE CORNERS OF BUILDING (BOLD LINES)

INTERIOR ZONE 4 PRESSURES

END ZONE WIDTH = 4'-0" MEASURED FROM FACE OF WALL (FIG R301.2(7))

3

TYPICAL HOUSE PLAN

FOOTING REINF., SEE PLAN

LAP CORNER BARS 40 BAR DIAMETERS

CONCRETE FOOTING, SEE PLAN

PLAN VIEW

6

FOOTING CORNER BARS

SCALE: NTS

"OB" DENOTES NO REBAR IN LINTEL, "IB" DENOTES 1#5 IN LINTEL

7" STANDARD HOOK INTO TOP OF BOND BEAM (MAY USE 7"x25" BENT BAR)

8"x8" BOND BEAM w/ 1-#5

BEARING

PRECAST LINTEL

ROUGH OPENING

4" MINIMUM BEARING

VERTICAL BAR IN GROUTED CELL, SEE PLAN

#5 VERTICAL IN GROUTED CELL AT DOT LOCATIONS ON PLAN

MASONRY WALL

9

BOND BEAM & REINFORCING

SCALE: 3/4" = 1'-0"

TOP CHORD OF GABLE END TRUSS

2x4 BLOCK AT SHEATHING JOINT

ROOF SHEATHING, SEE SCHEDULE

9" MAX PER R803.2.3

3-12d TOE NAILS

2x4 OUTLOOKER @ 24" O.C.

WALL SHEATHING PER 2/S-3

12

OUTLOOKER DETAIL

SCALE: N.T.S.

At Exterior Stud Walls and Gable Ends with Wall Sheathing, apply plaster over metal lath over water resistive barrier as follows:

Plaster R703.7.2: 3-coat 7/8" thick portland cement based plaster per ASTM C926.

Metal Lath R703.7.1: Self furring paper backed 2.5lb diamond mesh metal lath per ASTM C847, G60 galvanized, fastened per ASTM C1063 with 1-1/2" long, 11 gage nails with 7/16" head (roofing nails) at 7" oc, or 1-1/2" long, 16 gage staples at 6" oc, into the framing members (ie, the nails or staples must align with and penetrate 3/4" into the framing studs).

Water Resistive Barrier (WRB) R703.7.3: Water-resistive vapor-permeable barrier with a performance at least equivalent to 2 layers of Grade D paper. The individual layers shall be installed independently. An approved house wrap may be used for the 1st layer and metal lath with approved paper backing may be the 2nd layer (Note: ZIP wall sheathing with seam tape qualifies as the first layer).

DESIGN CRITERIA:

STRUCTURAL ENGINEERING PER:

FLORIDA BUILDING CODE, 7th EDITION (2020) RESIDENTIAL

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.

- FLOOR & ROOF UNIFORM LOADS:
ELEVATED FLOORS: LIVE LOAD 40 PSF, DEAD LOAD 20 PSF
ROOF: LIVE TOP CHORD 20 PSF
LIVE BOTTOM CHORD 10 PSF (NON-CONCURRENT w/ TOLL)
CEMENT ROOF TILE DEAD LOAD 25 PSF TOTAL
SHINGLE/METAL ROOFING DEAD LOAD 15 PSF TOTAL
MINIMUM DEAD LOAD FOR WIND: TC 5 PSF, BC 5 PSF
DEFLECTION CRITERIA:
FLOOR L/480 LIVE, L/360 TOTAL
ROOF L/240 LIVE, L/180 TOTAL
- WIND DESIGN PER ASCE7-16:
BASIC WIND SPEED (ASCE7-16) 160 MPH
NOMINAL WIND SPEED (Vosd TABLE R301.2.1.3) 124 MPH
BUILDING CATEGORY II
IMPORTANCE FACTOR 1.00
EXPOSURE C
MEAN ROOF HEIGHT = 15 FT
HEIGHT & EXPOSURE COEFFICIENT X TABLE R301.2(3) = 1.21
ROOF PITCH 5/12
ENCLOSURE CLASS. ENCLOSED
INTERNAL PRES. COEFF. +/- 0.18
WINDOW/DOOR DESIGN WIND PRESSURE PER TABLE R301.2(2), R301.2(3) AND R301.2(4), SEE DETAIL 3/S-3
SOFFITS – PER R704, ALL SOFFITS & THEIR ATTACHMENTS SHALL BE CAPABLE OF RESISTING THE DESIGN PRESSURES SPECIFIED IN TABLE R301.2(2) FOR WALLS USING 10 SQ. FT
- REINFORCED CONCRETE: DESIGN PER ACI 318-14
REQUIRED COMPRESSIVE STRENGTH AT 28 DAYS:
SLAB ON GRADE f'c = 2500 PSI
3½" MINIMUM THICKNESS REINFORCED WITH 6x6 w/1.4xw1.4 WWF OR FIBERMESH.
CONVENTIONAL SHALLOW FOOTINGS f'c = 2500 PSI
BEAMS AND COLUMNS f'c = 3000 PSI
ALL OTHER CONCRETE (U.N.O.) f'c = 3000 PSI
UNLESS OTHERWISE SHOWN ON DRAWINGS, MINIMUM CONCRETE COVER FOR REINFORCING SHALL BE AS FOLLOWS:
FOOTINGS 3"
SLAB ON GRADE 1½"
BEAMS 1½"
COLUMNS 1½"
ALL REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH THE TYPICAL BENDING DIAGRAMS AND PLACING DETAILS OF ACI STANDARDS AND SPECIFICATIONS. ALL REINFORCING STEEL SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES DURING PLACING OF CONCRETE.
REINFORCING STEEL – ASTM A615 GRADE 40 FOR #3
GRADE 60 FOR #4 TO #11
WELED WIRE FABRIC – ASTM A185
SPICES IN REINFORCING, SHALL BE 40 BAR DIAMETERS. NON-CONTACT LAP SPICES MAY BE USED PROVIDED REINFORCING IS NOT SPACED MORE THAN 5" APART FOR #5 BARS.
FORMWORK AND SHORING SHALL REMAIN IN PLACE UNTIL CONCRETE HAS REACHED AT LEAST 2/3 OF THE REQUIRED 28 DAY STRENGTH.
- REINFORCED MASONRY: DESIGN PER TMS 402/602-16
REQUIRED COMPRESSIVE STRENGTHS:
MASONRY WALLS f'm = 1500 PSI
REINFORCING STEEL – ASTM A615 GRADE 60.
SPICES IN REINFORCING, SHALL BE 40 BAR DIAMETERS.
ALL CONCRETE MASONRY UNITS SHALL BE COMPOSED OF ASTM C90, GRADE N-1 HOLLOW CONCRETE MASONRY UNITS WITH TYPE "S" MORTAR. GROUT ALL CELLS CONTAINING VERTICAL REINFORCEMENT WITH 2000 PSI PEA ROCK CONCRETE GROUT. ALL CELLS BELOW FINISHED GRADE SHALL BE GROUTED SOLID. ALL EXTERIOR WALLS SHALL BE REINFORCED FULL HEIGHT AT DOT LOCATIONS ON PLAN.
- DELEGATED-ENGINEERED WOOD ROOF & FLOOR TRUSSES:
ALL WOOD ROOF AND FLOOR TRUSSES SHALL BE DESIGNED BY A DELEGATED TRUSS ENGINEER PER RULE 61G15-31.003 OF THE FLORIDA ADMINISTRATIVE CODE. ALL TRUSSES SHALL HAVE TEMPORARY BRACING PER "COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES, HIB-91." FOR OTHER BRACING REQUIREMENTS, NOTIFY ENGINEER. PROVIDE PERMANENT BRACING PER TRUSS MFR. SHOP DRAWINGS. IF PERMANENT BRACING IS NOT SPECIFIED, CONTACT ENGINEER.
- FOUNDATION: CONVENTIONAL SHALLOW CONCRETE FOOTINGS
SOIL BEARING CAPACITY 2000 PSF
THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL CONDITIONS FOR THE INTENDED STRUCTURE AND ASSUMED SOIL BEARING CAPACITY. IT IS RECOMMENDED THAT A GEOTECHNICAL FIRM BE HIRED TO PERFORM A SITE EVALUATION.
- DIMENSIONS: VERIFY ALL DIMENSIONS WITH HOUSE PLANS.
SEE HOUSE PLANS, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR EMBEDS, OPENINGS, SLEEVES, ETC. WHICH ARE NOT SHOWN ON STRUCTURAL DRAWINGS.
- MEANS AND METHODS: THE STRUCTURAL ENGINEER SHALL NOT HAVE CONTROL OR BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, OR SEQUENCES TEMPORARY BRACING, SHORING, GUYING OR OTHER MEANS TO SUPPORT STRUCTURAL ELEMENTS IN PLACE DURING CONSTRUCTION. FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, OR ANY OTHER PERSONS PERFORMING THE WORK OR FOR THE FAILURE OF ANY OF THEM TO CONSTRUCT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- SHOP DRAWINGS: SHOP DRAWINGS SHALL BE PREPARED AND SUBMITTED TO THE ENGINEER FOR REVIEW FOR ALL STRUCTURAL ELEMENTS UTILIZING PREFABRICATED COMPONENTS. ONE SET OF SIGNED & SEALED TRUSS ENGINEERING SHALL BE DELIVERED TO THE ENGINEER OF RECORD FOR THE STRUCTURE PER FLORIDA ADMINISTRATIVE CODE 61G15-30.005 AND 61G15-31.003.

REVISIONS

BY

STRUCTURAL ENGINEERING:

STRUCTURAL SYSTEMS OF NORTH FLORIDA

1634 S.E. 47th STREET, SUITE #3
CAPE CORAL, FL 33904
(239) 549-4554
CA# 8829

DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 7th EDITION (2020) RESIDENTIAL

TRUSS REVIEWS

FLORIDA

PROFESSIONAL ENGINEER

No. 88925

BUILDER:

D.R. HOHON • PH

America's Builder

STRUCTURAL DETAILS

MODEL 1389 EXPRESS B

2217 N.E. 7TH AVENUE
CAPE CORAL, FLORIDA
LOTS: 18-19 BLOCK: 2135 SUBDIVISION:
GATOR CIRCLE SPOT LOTS

DESIGN/DRAWN
DWB/DWB

CHECKED
DWB

DATE
06/28/21

SCALE
VARIES

JOB NO.
DR12967

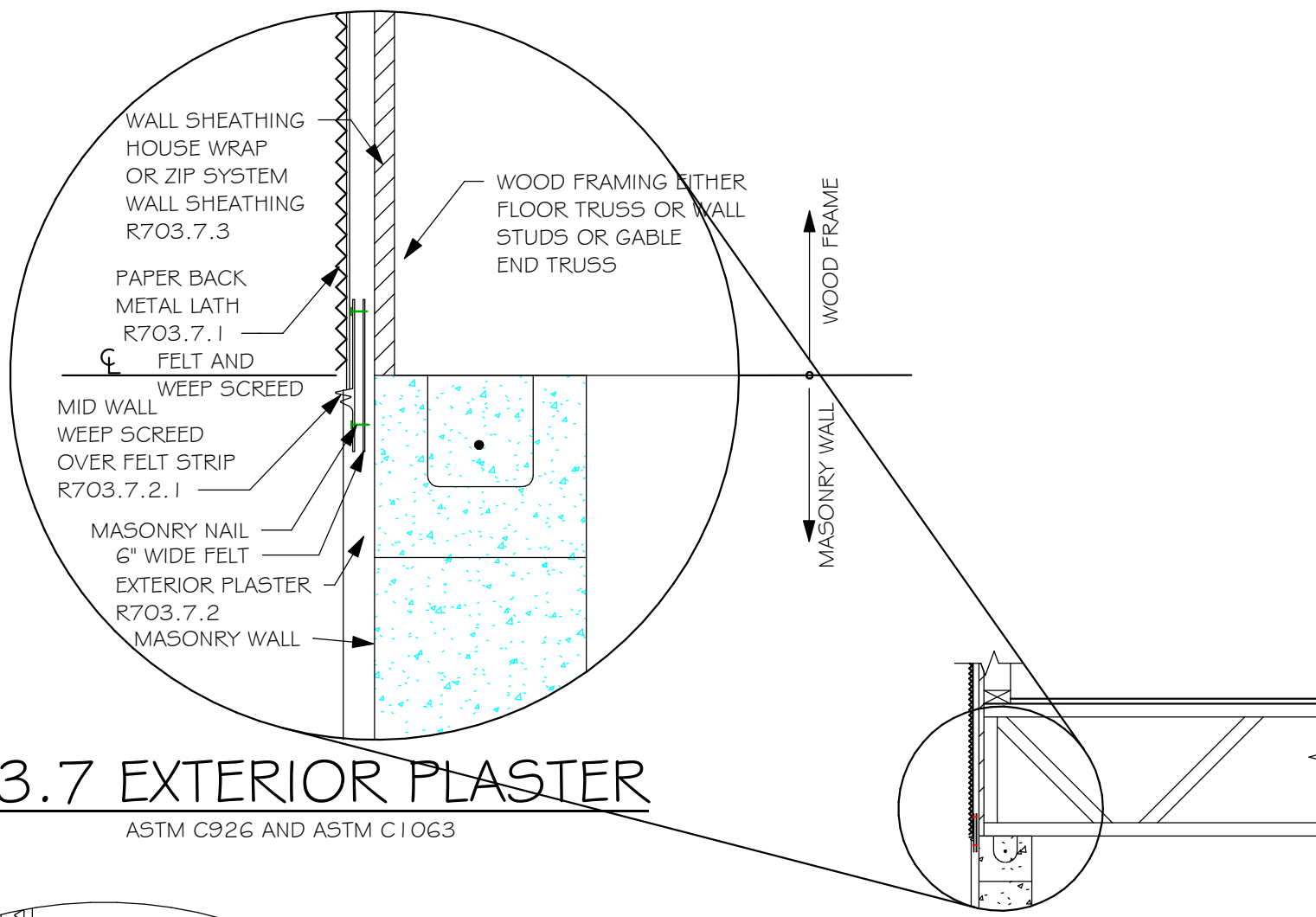
SHEET

S - 3

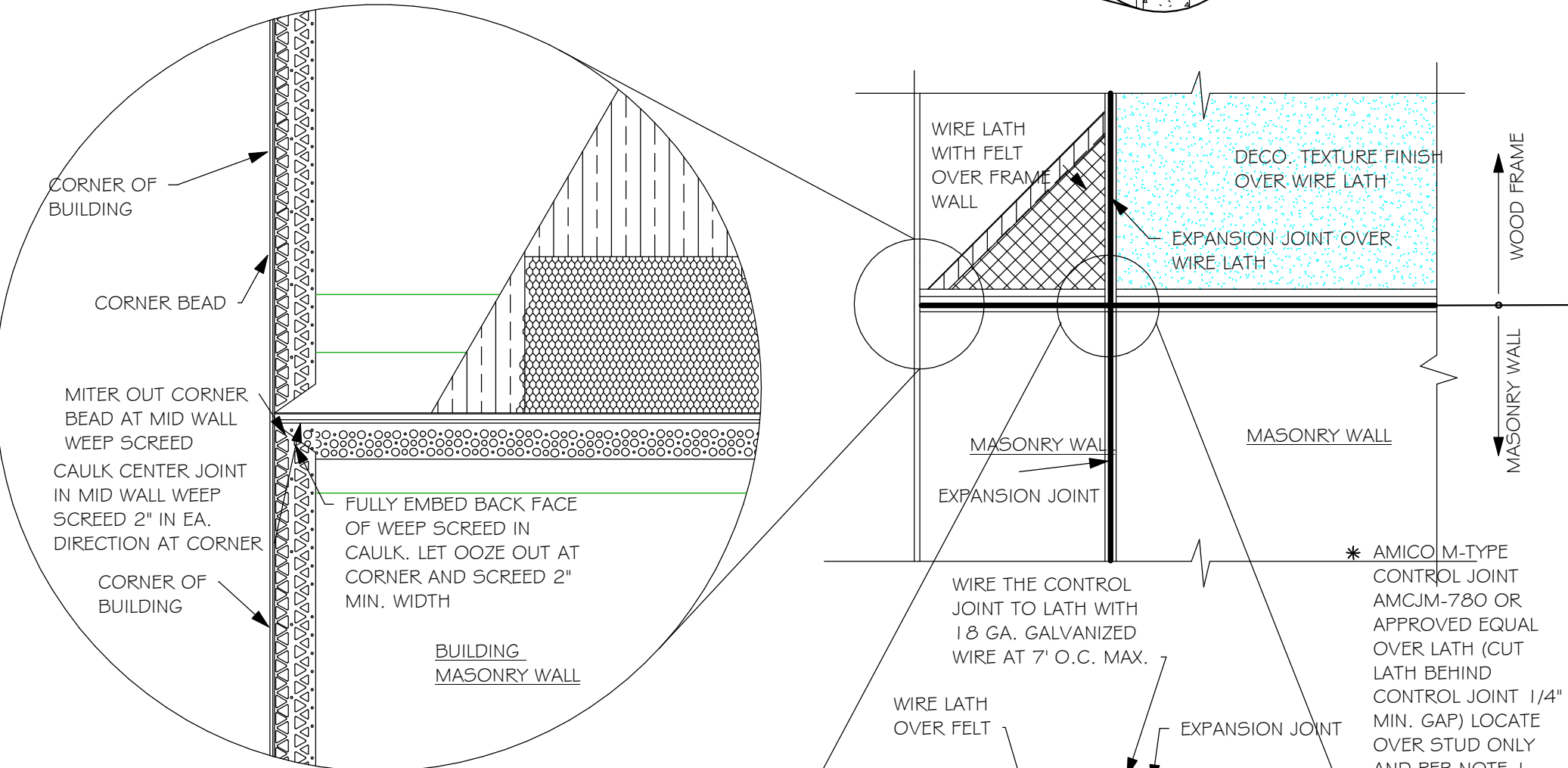
SHEET 3 OF 3

FOR SCOSTA TRUSSES, MODEL 1389 ELEVATION B, JOB # DR1389BL, DATED: 11/30/20, REVISED: NONE

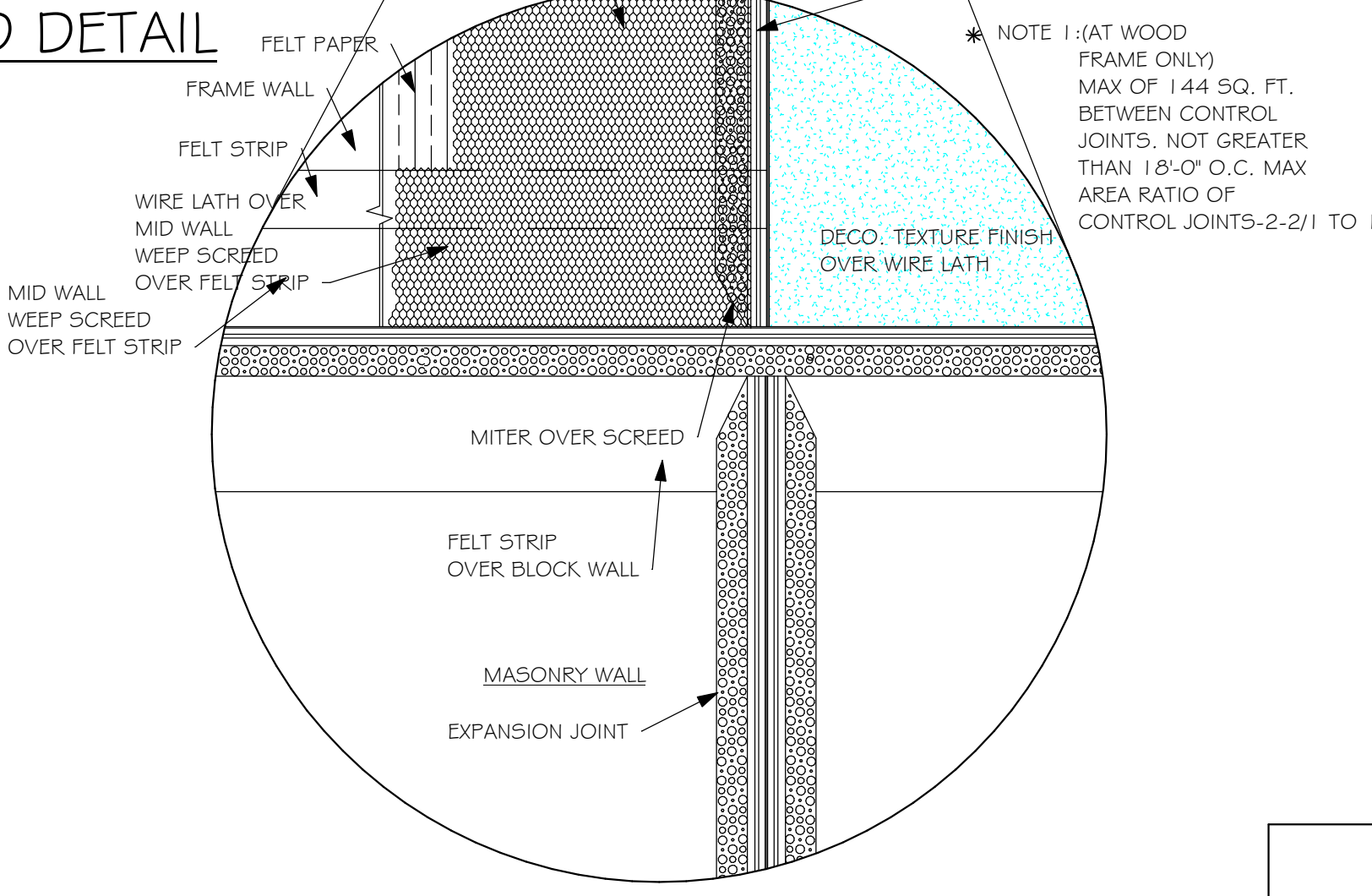
Y:\O-New Data\1 -MASTER 2019\2019-BUILDERS\DR HORTON 2019\SUBDIVISIONS\GATOR
CIRCLE C.O\12967 LOT 18-19 BLK 2\135 1369 BUREVIT\12967 1369 BL.rvt



R703.7 EXTERIOR PLASTER
ASTM C926 AND ASTM C1063



MID WALL WEEP SCREED DETAIL



WEEP SCREED DETAIL
INSTALL AT ALL EXTERIOR WALL LOCATIONS WHERE WOOD STUD FRAMING IS ABOVE MASONRY WALLS.

RESIDENTIAL SPECIFICATIONS

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL SUPPLY, LOCATE AND BUILD INTO THE WORK ALL INSERTS, ANCHORS, ANGLES, PLATES, OPENINGS, SLEEVES, HANGERS, SUB DEPRESSIONS AND PITCHES AS MAY BE REQUIRED TO ATTACH AND ACCOMMODATE OTHER WORK.
- ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUCTED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE IN THE WORK EXCEPT WHERE A DIFFERENT DETAIL IS SHOWN.
- FOR REQUIRED SOIL BEARING, SEE STRUCTURAL. THE CONTRACTOR SHALL REPORT ANY DIFFERING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK.
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATION AND HOUSE PLANS, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS, CONSULT THESE DRAWINGS FOR SLEEVES, DEPRESSIONS AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
- ALL SPECIFIED FASTENERS MAY ONLY BE SUBSTITUTED IF APPROVED BY THE ENGINEER IN WRITING. THE INSTALLATION OF THE FASTENERS SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS. SIMPSON FASTENERS SPECIFIED MAY BE SUBSTITUTED WITH THE SAME QUANTITY AND EQUIVALENT STRENGTH PRODUCT. ALL BOLTS, NUTS, WASHERS, STRAPS AND FASTENERS INCLUDING NAILS, SHALL BE HOT MOPED DIPPED GALVANIZED OR STAINLESS STEEL CONTINUOUS ANCHORAGE SHALL BE PROVIDED BETWEEN ALL TRUSSES, WALL SECTIONS, BEAMS, POSTS AND FOOTINGS WITH USE OF STRAPS AND CONNECTORS AS SPECIFIED HEREIN.
- TREATED WOOD REQUIREMENTS:- ALL TREATED WOOD EXPOSED TO WEATHER SHALL BE PROTECTED, PRESSURE TREATED, OR NATURALLY RESISTANT TO DECAY. ALL WOOD TOUCHING MASONRY OR CONCRETE SHALL BE ISOLATED, OR PRESSURE TREATED.
- THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCES TO ENSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS, OR TIE DOWNS.
- CEILING DRYWALL INSTALLED WITHIN THE HOUSE TO TRUSSES SPACED 24" O.C. SHALL BE 5/8" DRYWALL OR 1/2" SAG RESISTANT PER SEC. 702.3.5
- LANAI CEILINGS & COVERED ENTRY CEILINGS 1X4 STRIPPING @ 16" O.C. FASTENED WITH 2-8d NAILS TO EACH TRUSS. 5/8" EXTERIOR GYP. BOARD CEILING FASTENED WITH 8d NAILS OR 1-5/8" DRYWALL SCREWS @ 6" O.C. EDGE AND FIELD.

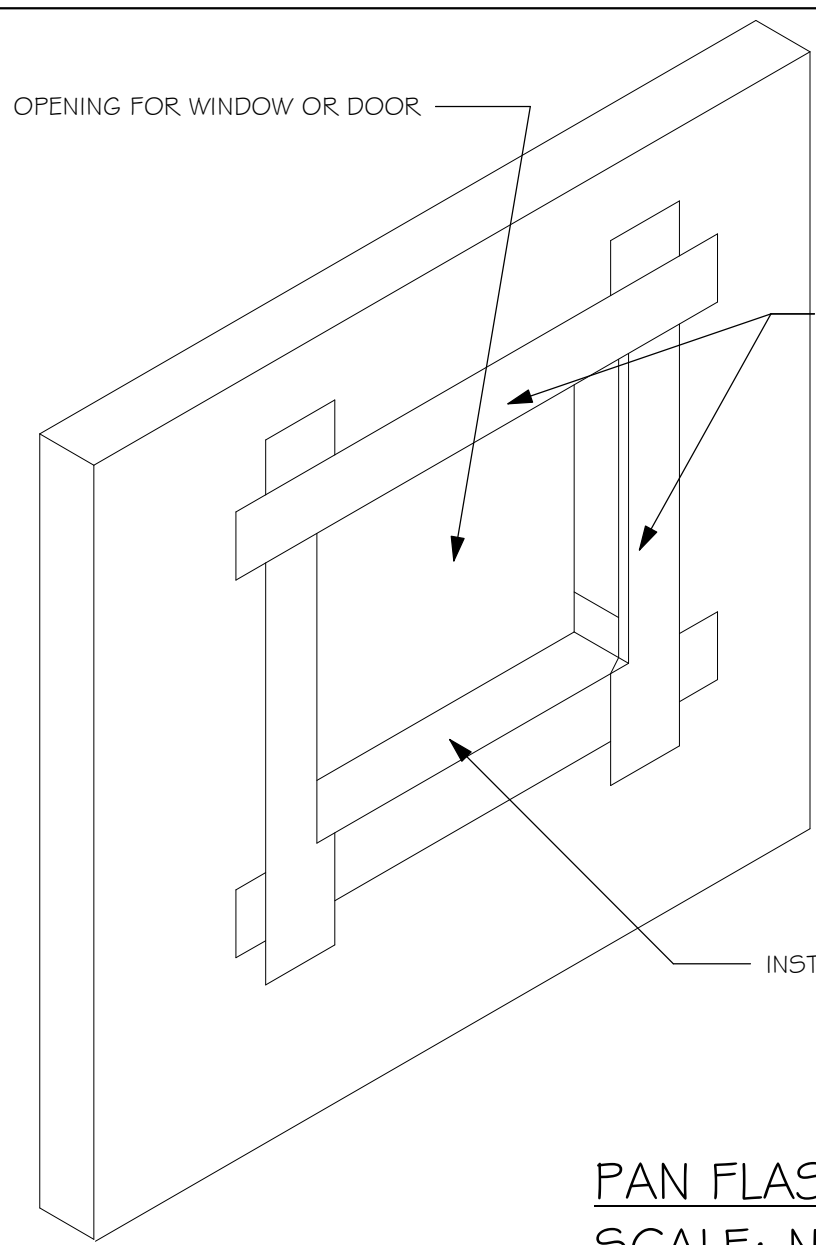
DOOR AND WINDOW ANCHORAGE

ANCHORAGE REQUIREMENTS- ALL PASS AND SLIDING GLASS DOORS AND ALL WINDOW ASSEMBLIES SHALL BE ANCHORED TO THE MAIN WIND FORCE RESISTING SYSTEM IN A MANNER SPECIFIED BY THE PUBLISHED MANUFACTURERS LITERATURE. THERE SHALL BE NO SUBSTITUTION OF ALTERNATE FASTENINGS UNLESS PROVIDED BY THE MANUFACTURER AND APPROVED BY THE BUILDING DESIGN ENGINEER.

MASONRY OPENING
WHERE WINDOW FRAME IS DESIGN TO FASTEN WITH SCREWS THROUGH THE FRAME AND INTO THE MSAIORY, THE BUCK MATERIAL IS SIMPLY A SPACER, THE BUCK MAY BE FASTENED WITH THE T NAILS OR ANY SUITABLE FASTENER TO TACK IT INTO POSITION PRIOR TO WINDOW INSTALLATION. FASTEN WINDOW FRAME PER MFR INSTRUCTIONS. A WINDOW FASTENER SHALL PENETRATE MASONRY BY 2 1/4" MIN.

WHERE WINDOW FRAME IS DESIGNED TO FASTEN ONLY TO THE WOOD BUCK (IE, FLANGED FRAME WITH WOOD SCREWS) THE BUCKS SHALL BE 2X WOOD WITH STRUCTURAL FASTENING TO THE MASONRY WITH 1/4 X 3 3/4 MASONRY SCREWS @ 24" OC AND 6" FROM EACH END.

WOOD FRAMED OPENING- ALL DOORS AND WINDOWS SHALL BE INSTALLED ACCORDING TO THE PUBLISHED MANUFACTURERS LITERATURE OF THE ASSEMBLY BEING INSTALLED TO THE ROUGH SUBSTRATE OPENING. SHIMS SHALL BE MADE OF MATERIALS CAPABLE OF RESISTING THE APPLIED LOADS AND SHALL BE LOCATED NEAR EACH FRAME FASTENER TO MINIMIZE DISTORTION OF THE FRAME AS THE FASTENERS ARE TIGHTENED .



PAN FLASHING PER R703.4
SCALE: N.T.S.

GENERAL ROOF ASSEMBLY

ROOF SHEATHING PER TABLE R803.2.2 SHALL BE 1/32 AFA RATED SHEATHING, EXPOSURE 1, SPAN RATING 40/20 OR BETTER. INSTALL PANELS WITH LONG DIMENSION PLACED PERPENDICULAR TO TRUSSES. A 1/8" SPACE BETWEEN ADJACENT SHEETS SHALL BE MAINTAINED . INSTALL "H" CLIPS AT UNSUPPORTED PANEL EDGES. FOR FASTENING, SEE STRUCTURAL.

FLASHING
FLASHING SHALL BE ALUMINUM, ALUMINUM ZINC COATED STEEL 0.0179" THICK, 26 GAUGE A250 ALUM ZINC, OR GALVANIZED STEEL 0.0179" THICK, 26 GAUGE ZINC COATED G90. FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH THE ZIP SYSTEM ROOF SHEATHING MANUFACTURES PUBLISHED REQUIREMENTS. ALL FLASHING AND INSTALLATION SHALL CONFORM TO SECTION R905.2.8 (1 TO 5).

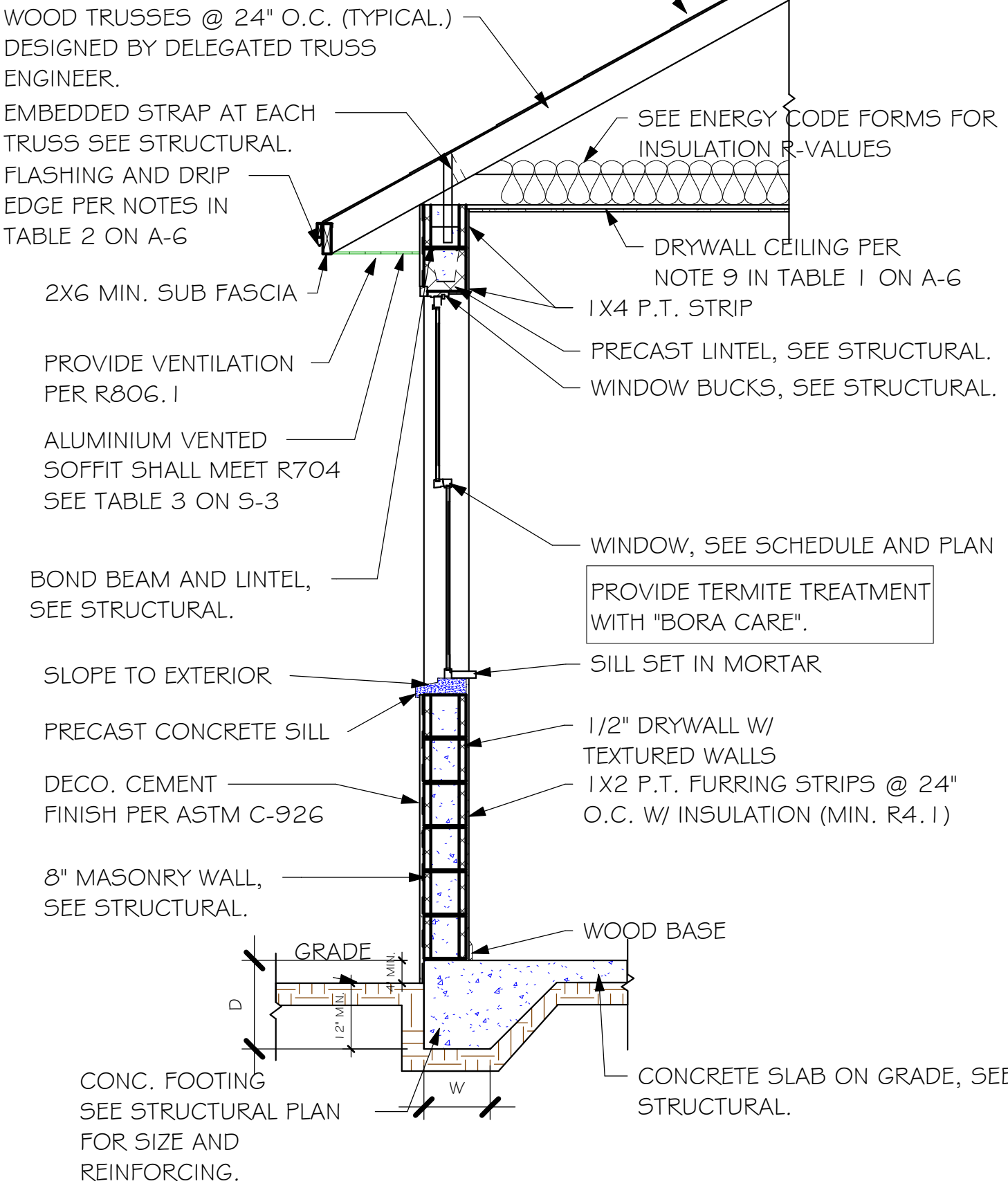
DRIP EDGE
DRIP EDGE SHALL BE PROVIDED AT ALL EAVES AND GABLES OF SHINGLES ROOFS, LAPPED A MINIMUM OF 3" @ JOINTS. THE OUTSIDE EDGE SHALL EXTEND A MINIMUM OF 1/2" BELOW SHEATHING AND THE INSIDE EDGE SHALL EXTEND BACK A MINIMUM OF 2". DRIP EDGE SHALL BE FASTENED AT NO MORE THAN 4" CENTERS. THERE SHALL BE A MINIMUM OF 4" WIDTH OF ROOF CEMENT INSTALLED OVER THE DRIP EDGE FLANGE.

ASPHALT SHINGLE ROOF SPECS

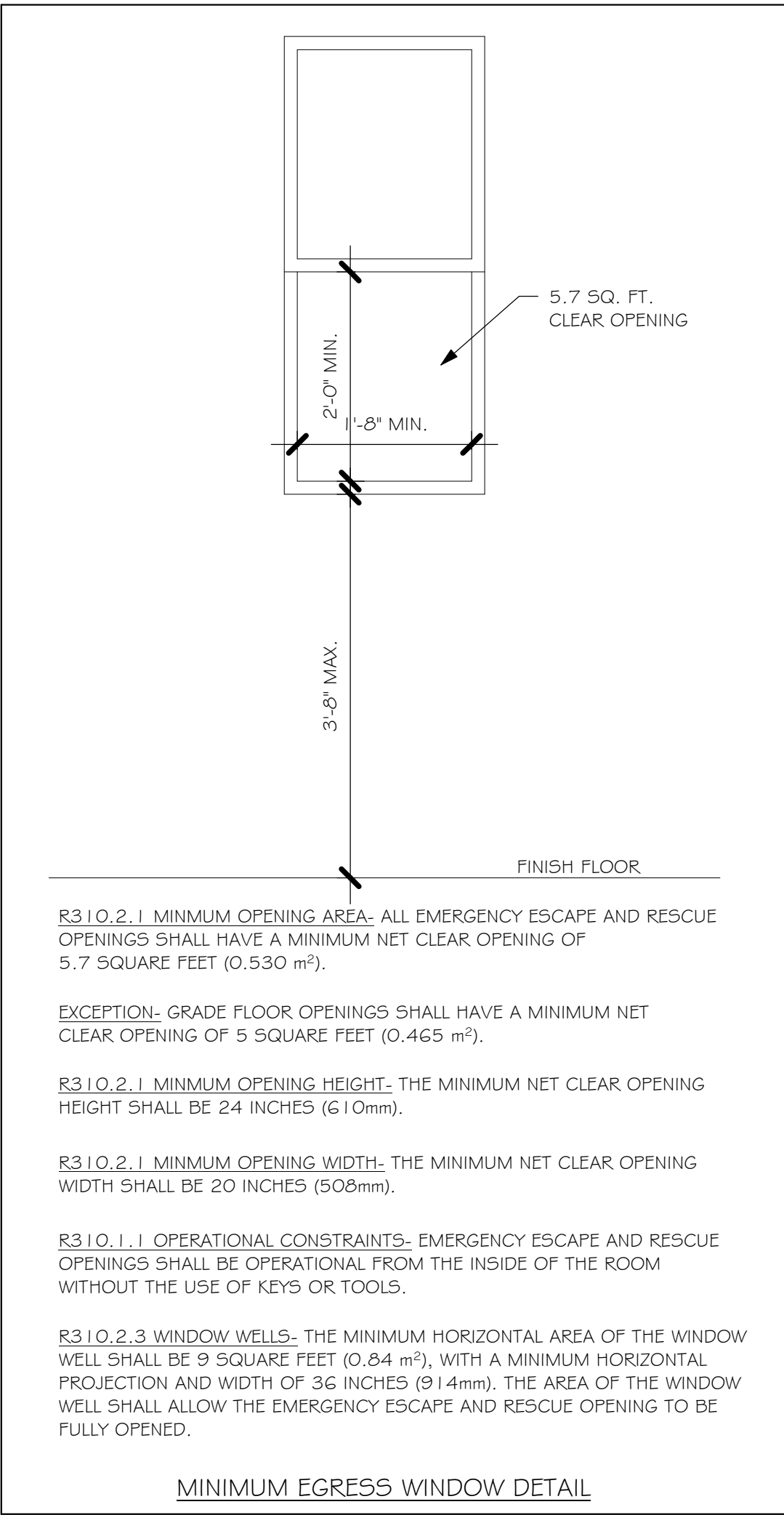
SHINGLES
30# FELT SHALL BE INSTALLED UNDER ASPHALT SHINGLES. ALL ASPHALT SHINGLES SHALL HAVE SELF-SEALING STRIPS OR BE INTERLOCKING AND COMPLY WITH ASTM D 225 OR D 3462, FOR FASTENING, SEE STRUCTURAL. INSTALLATION SHALL COMPLY WITH MANUFACTURES REQUIREMENTS FOR INSTALLATION IN THE GIVEN FLORIDA WIND ZONE, AS DETERMINED BY ASTM D 3161 .

ROOF SHEATHING PER SCHEDULE 2/5-3.
AND PER NOTES IN TABLE 3 ON A-6

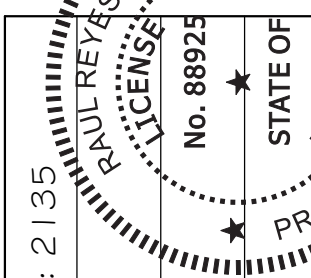
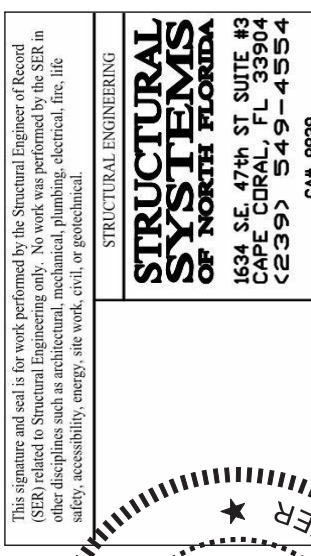
SHINGLE ROOF PER NOTE 4 ON A-6



TYPICAL WALL SECTION



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



LOT: 18-19 BLOCK: 2135
SUBDIVISION: GATOR CIRCLE SPOT LOTS
ADDRESS: 2217 NE 7TH AVENUE
D.R.H. #: 579560220
GCD JOB # 12967

MODEL
1389 B

DATE: 06/14/21
DRAWN BY: CWL
CHECKED BY: JWC
REVISED:
PLAN: SECTIONS
SCALE: As indicated