

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
responsible for the design of the
permanent bracing, the diaphrag 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 spec-
ifications (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 de-
cisions regarding necessary repairs or
replacement of trusses will be based on
the recommendation of the report sub-
mitted 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"

*** CRITICAL ***
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 rqmts 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
multi-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	BLDG CODE	FBC2020
TC LL	20	40	Mean Hgt	15'
TC DL	20	10	Wind Speed	160
BC LL	0	0	Exposure	C
BC DL	10	5		
Duration	1.25	1.00		



Builder: DR Horton Ft Myers

Model: 1962 B.F

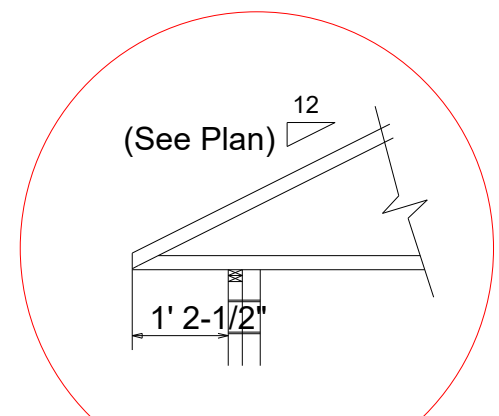
Options: Base

Location: location

Date: 12/7/2020	Sales Rep: Carl F	Designer: Joe D	Job Number: M2001623-20BK
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INDICATES SCABBED
MEMBER. SEE INDIVIDUAL
TRUSS DRAWINGS FOR
ATTACHMENT

Hatch Legend	
	13' 11" BRG HGT
	12" TRAY CEILING



CANTILEVER DETAIL

Wind Importance Factor	1
Occupancy/Risk Category	II
Lanai, Entry, Porch areas	EXPOSED TO WIND

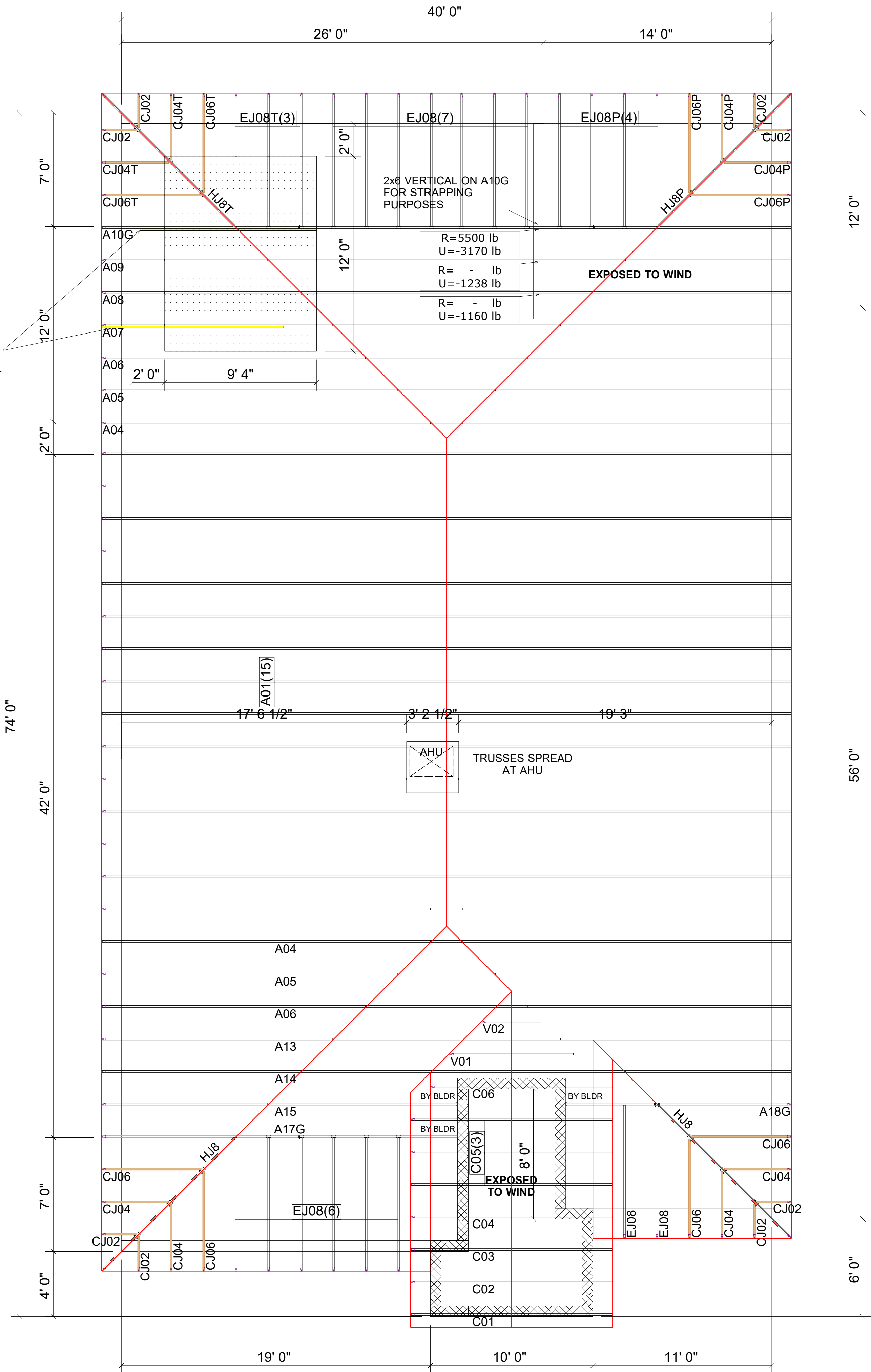
TRUSSES DESIGNED FOR TILE OR SHINGLE APPLICATIONS
BUILDING CODE: FBC2020 / TPI 2014
9' 4" WALL HEIGHT TYP.

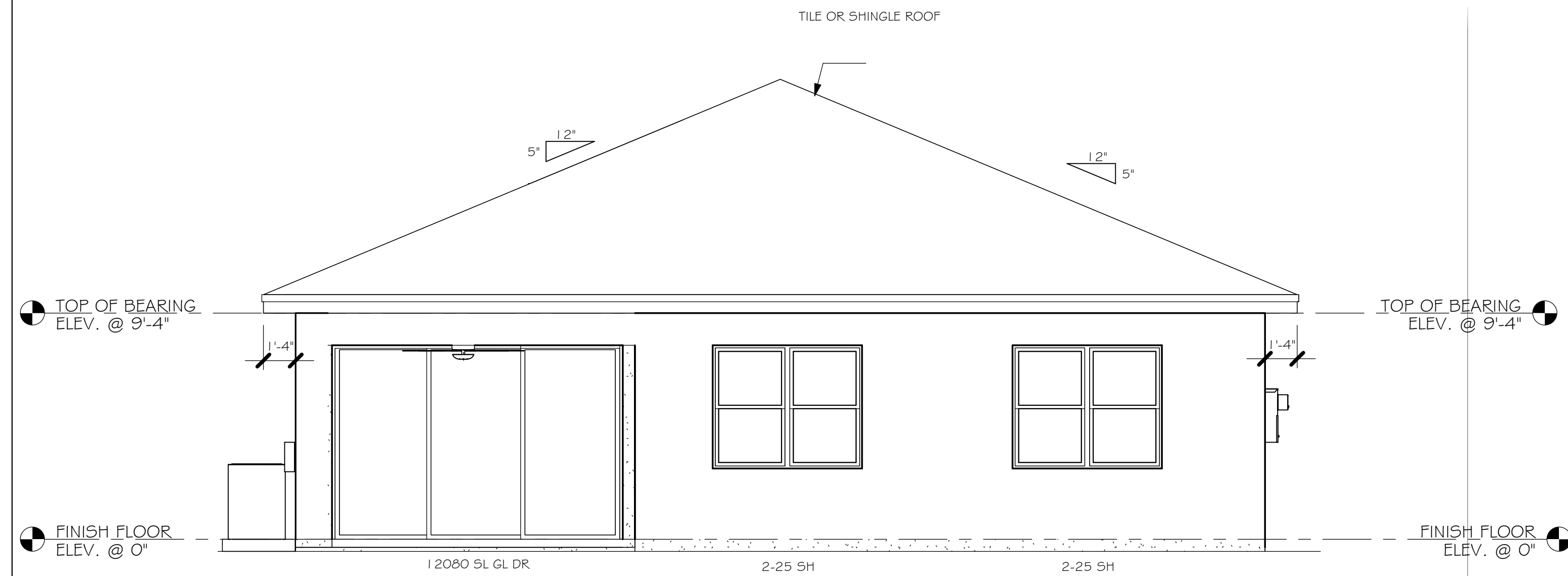
Truss List of <5000# reaction & <-1000# uplift						
Truss	Qty	Span	Reactions			
A08	1	42' 5"	1201.62 lb	2678.14 lb	467.03 lb	
			-439.43 lb	-1159.01 lb	-463.58 lb	
A09	1	42' 5"	1154.57 lb	2799.18 lb	386.86 lb	
			-411.56 lb	-1237.65 lb	-412.82 lb	
A10G	1	42' 5"	2097.32 lb	5499.09 lb	450.47 lb	
			-864.07 lb	-3169.87 lb	-586.91 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

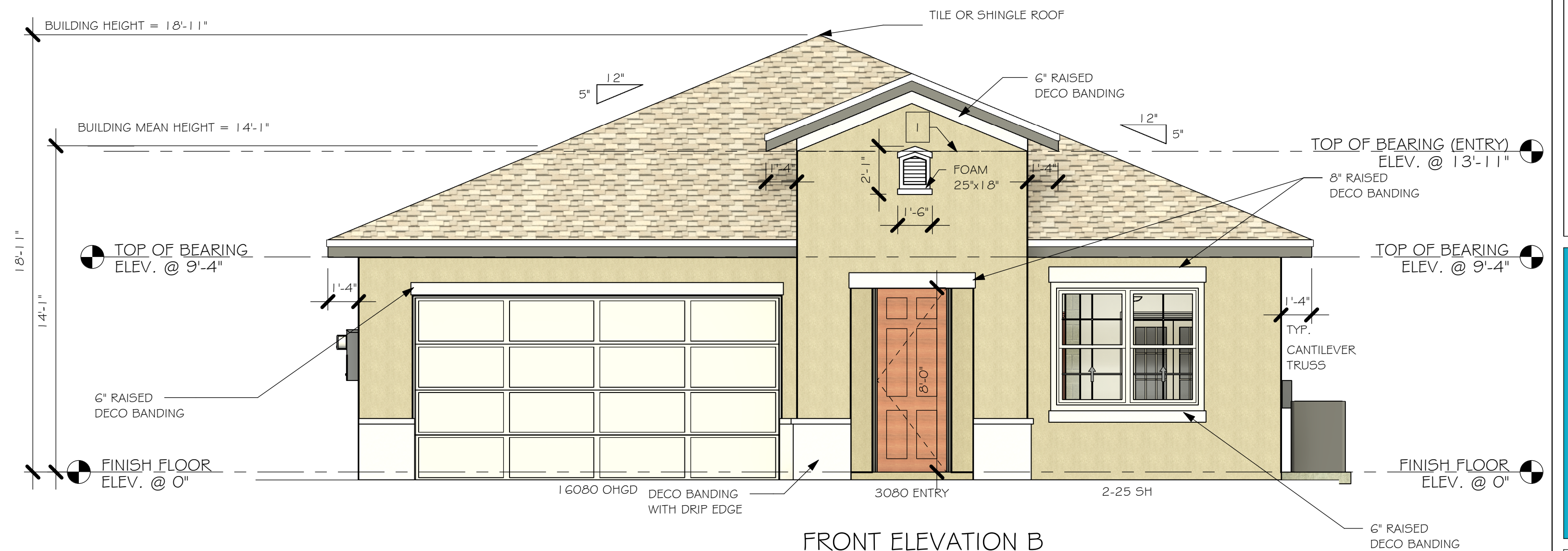
This document has been reviewed for
conformance with the design intent of the
structure and specified design criteria.

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





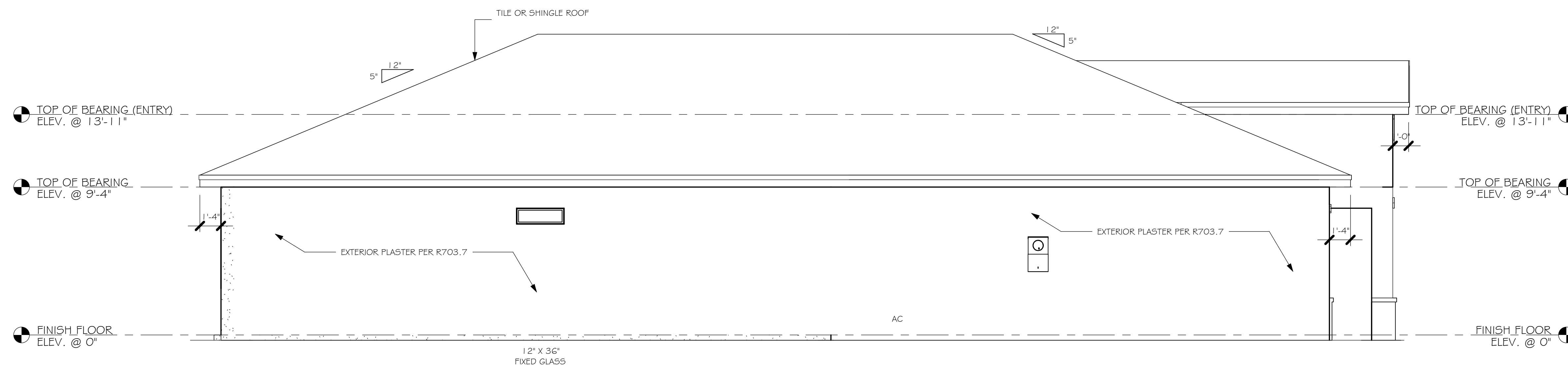
REAR ELEVATION B
1/4" = 1'-0"



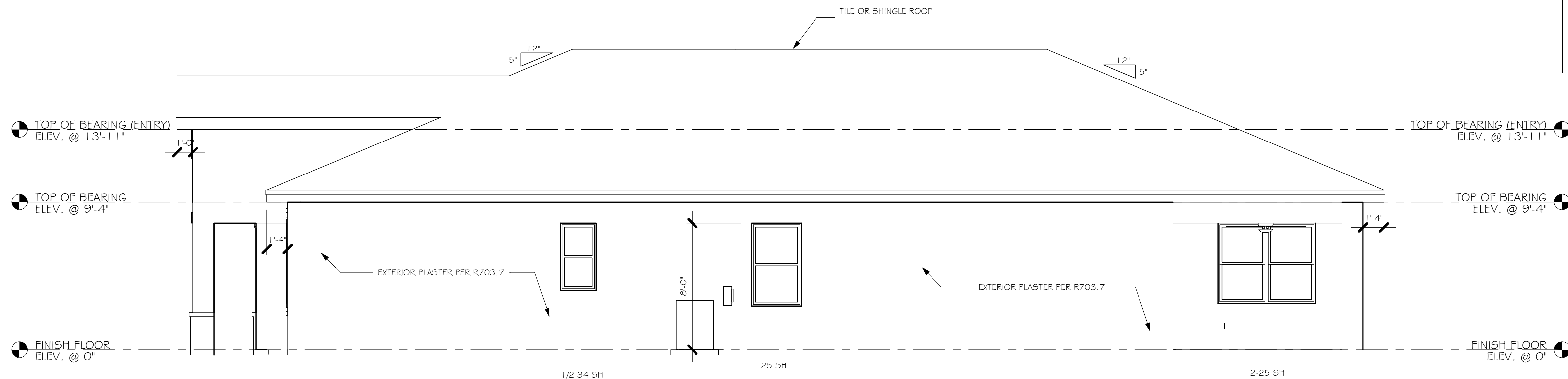
FRONT ELEVATION B

1/4" = 1'-0"

- 1 MID-WALL WEEP SCREED AT WOOD MASONRY INTERFACE. INSTALL STRICTLY PER MFG. INSTRUCTIONS
- 2 ROOF / WALL SCREED INSTALL STRICTLY PER MFG. INSTRUCTIONS



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



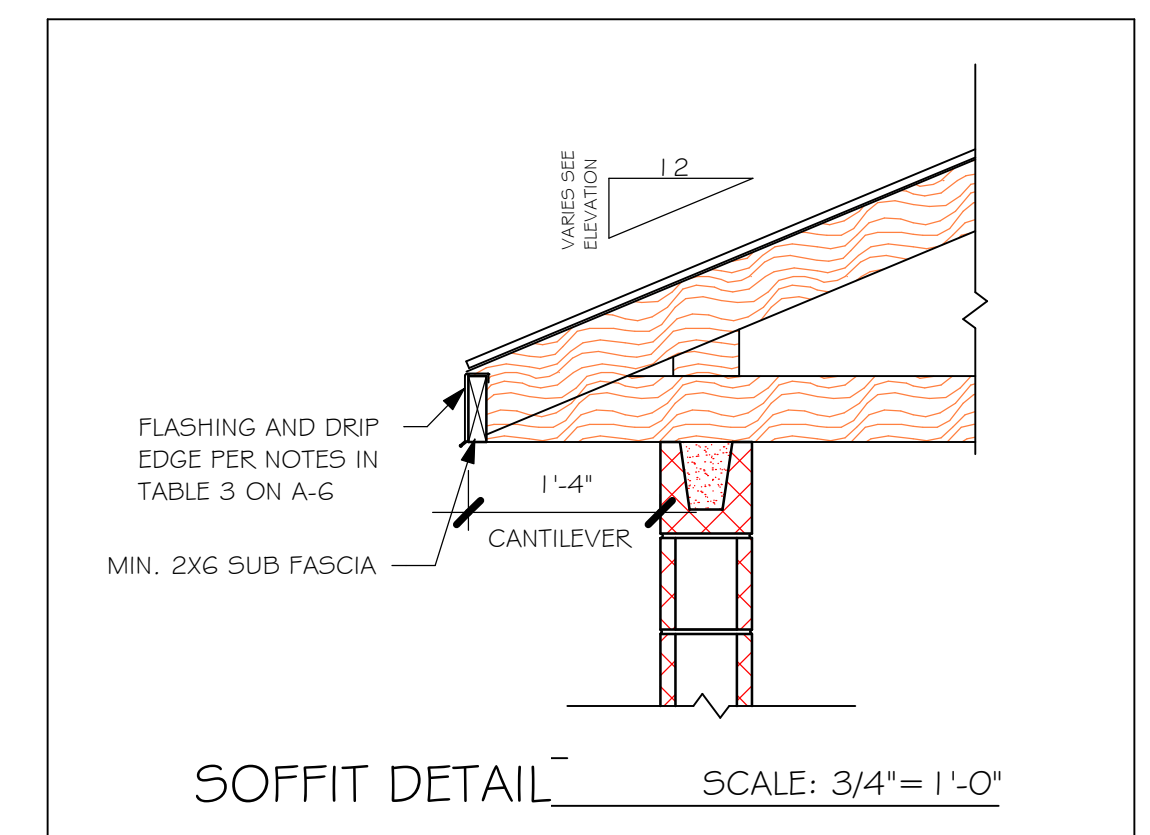
RIGHT ELEVATION B

1/4" = 1'-0"

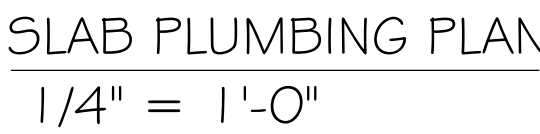
FLORIDA BUILDING CODE 7TH EDITION

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



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

LOT: 17
SUBDIVISION: STONEWATER
ADDRS: 828 HEATHER LAKE
D.R.H. #: 579230017

L:\O-New Data\1 -MASTER 2019\2019-BUILDERS\DK HORTON
2019\SUBDIVISIONS\STONEWATER 50s\13362 LOT 17 1962 BL\REVIT\3362 1962 BL.rvt

DOOR SCHEDULE						
TYPE MARK	DESCRIPTION	MANUFACTURER	HEIGHT	WIDTH	COMMENTS	QTY
1	3080 ENTRY	DISTINCTION	8'-0"	3'-0"		1
2	(3)-4080 SL. GL. DR.	DISTINCTION	8'-0"	12'-0"		1
3	16080 OHGD	GARAGE DOOR	8'-0"	16'-0"		1

WINDOW SCHEDULE					
MARK	DESCRIPTION	HEIGHT	WIDTH	COMMENTS	QTY
A	1/2 34 SH	4'-5"	2'-5"		1
B	25 SH	5'-5"	3'-4"		1
C	2-25 SH	5'-3"	6'-4"		4
D	12" X 36" FIXED GLASS	1'-2"	3'-2"		1

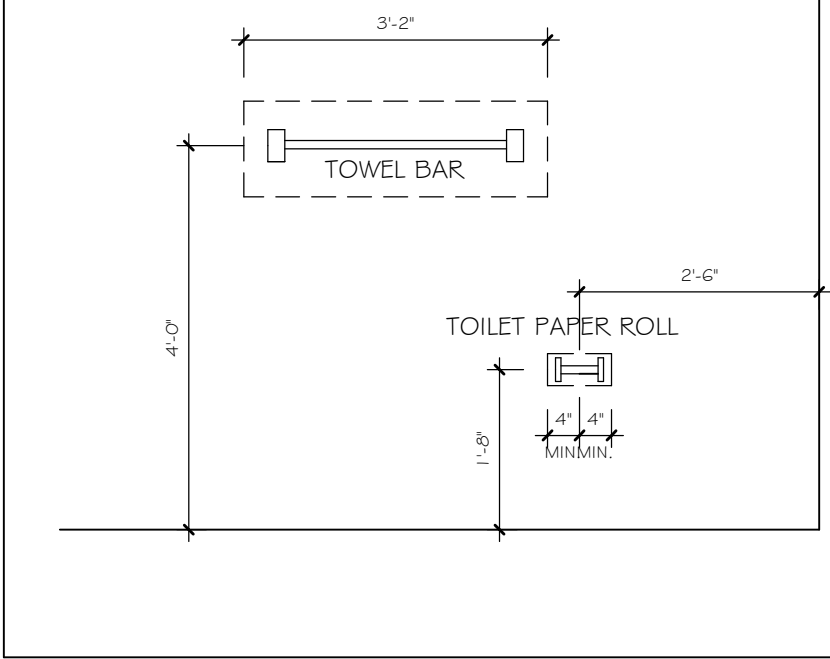
OPT. IMPACT GLASS MAY BE INSTALLED IN LIEU OF SHUTTERS VERIFY W/ CONTRACT

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.308.4.2.
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 4' 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.

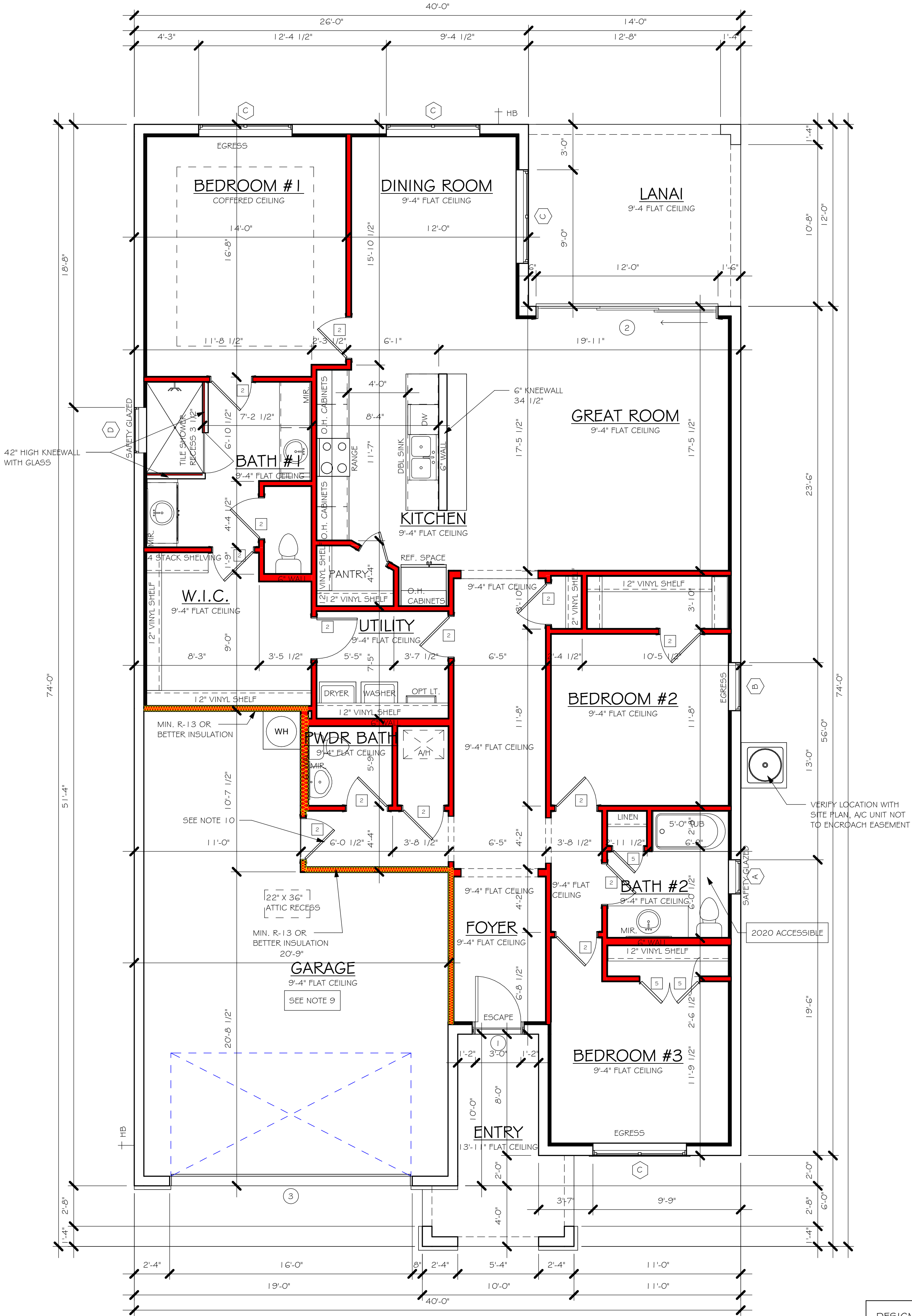
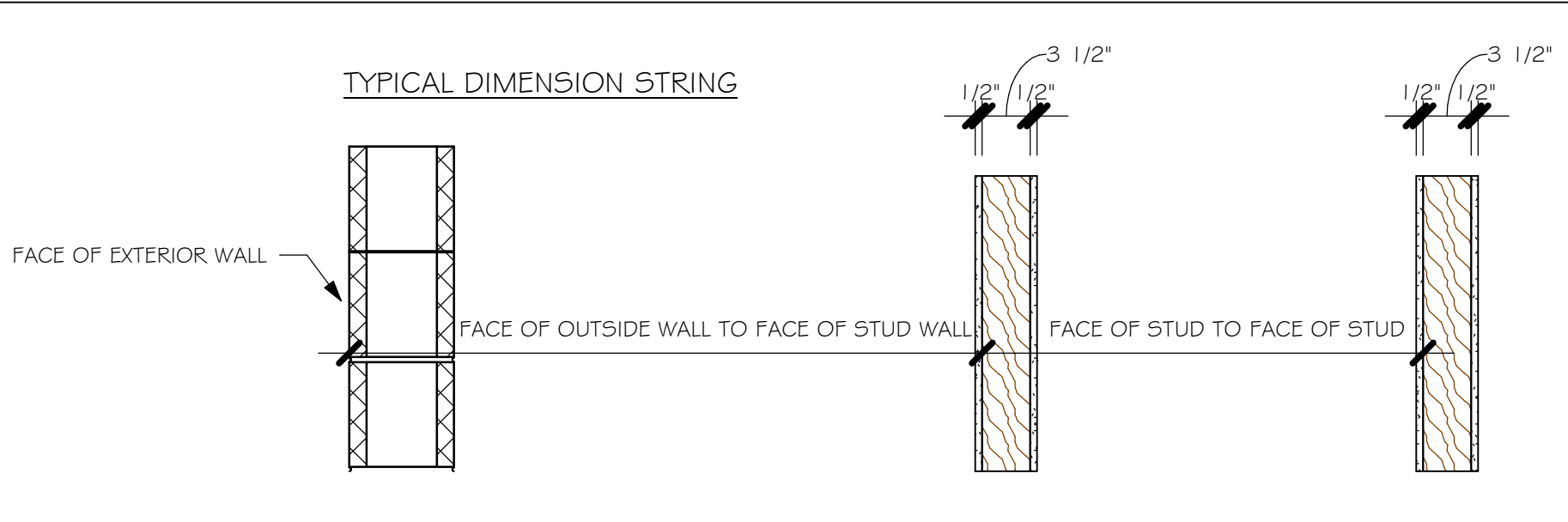
CABINET BACKING		
KITCHEN	UPPER TOP @ 84"	BASE TOP @ 35"
MASTER BATH	UPPER	BASE TOP @ 35"
GUEST BATH	UPPER	BASE TOP @ 31"
LAUNDRY ROOM	UPPER TOP @ 84"	BASE

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



SQUARE FOOTAGE	
ENTRY AREA	98.5F
LANAI AREA	167.5F
GARAGE AREA	552.5F
LIVING AREA	2000.5F
TOTAL SQAURE FOOTAGE	2817.5F

INTERIOR DOOR SCHEDULE		
MARK	DOOR WIDTH	NOTES
1	3'-0"	P.K. = POCKET DOOR
2	2'-8"	B.F. = BI-FOLD DOOR
3	2'-6"	B.P. = BI-PASS DOOR
4	2'-4"	
5	2'-0"	L.V. = LOUVERED DOOR
6	1'-8"	
7	1'-6"	
8	2'-1 1/4"	



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\STONEWATER 50s\13362 LOT 17 1962 BL\REVIT\13362 1962 BL.rvt

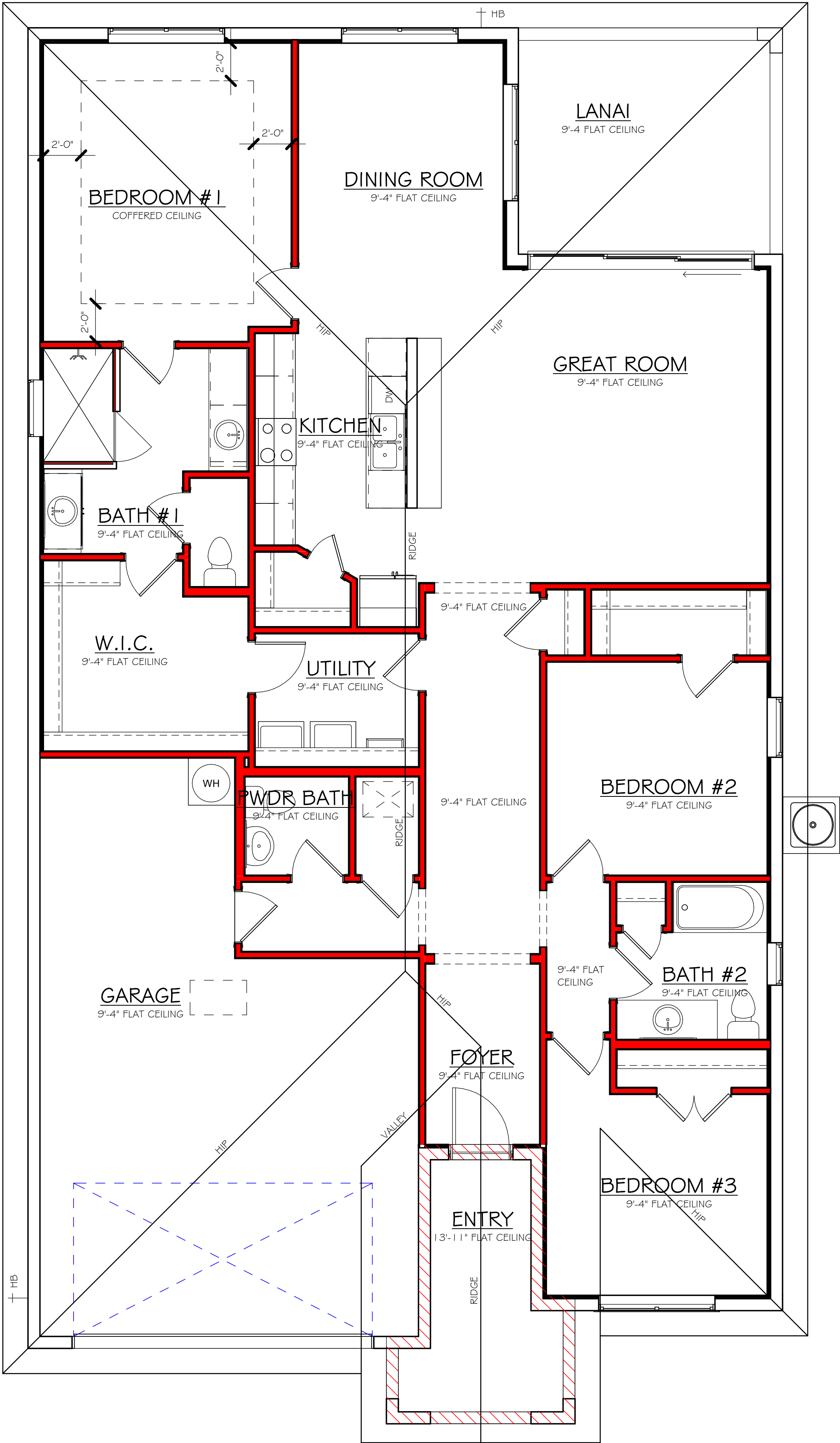
MODEL 1962 B : ATTIC VENTILATION FBCR R806

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		
MARK	ATTIC	SOFFIT	ATTIC AREA/50	REQD AIR FLOW OF SOFFIT	QUAD 4 SOFFIT HAS	ATTIC AREA/300	QUANTITY OF ROOF VENTS	MIN AIR FLOW OF SOFFIT
1st STORY	3125.0 SQ. FT.	308.0 SQ. FT.	20.83 SQ. FT.	6.76%	8.15%	... SQ. FT.	-	...%
			"SOFFIT ONLY" QUALIFIES			ROOF VENTS ARE NOT REQUIRED		
			SOFFIT MODEL ACM QUAD 4, FULL VENT, NARROW PATTERN, 8.15% FREE AIR FLOW			ROOF VENT MODEL 32" BASE 22-3/8" BASE LOMANCO 770-D 0.97 SQ. FT. FREE AIR		

BEARING HEIGHT

- = BEARING @ 9'-4"
- = BEARING @ 13'-11"



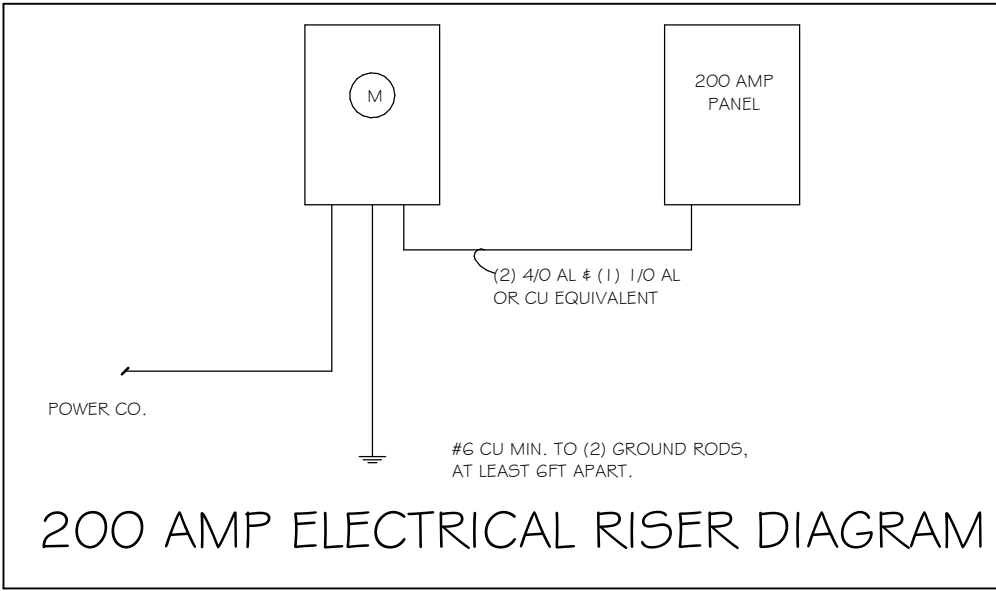
ROOF PLAN

1/4" = 1'-0"

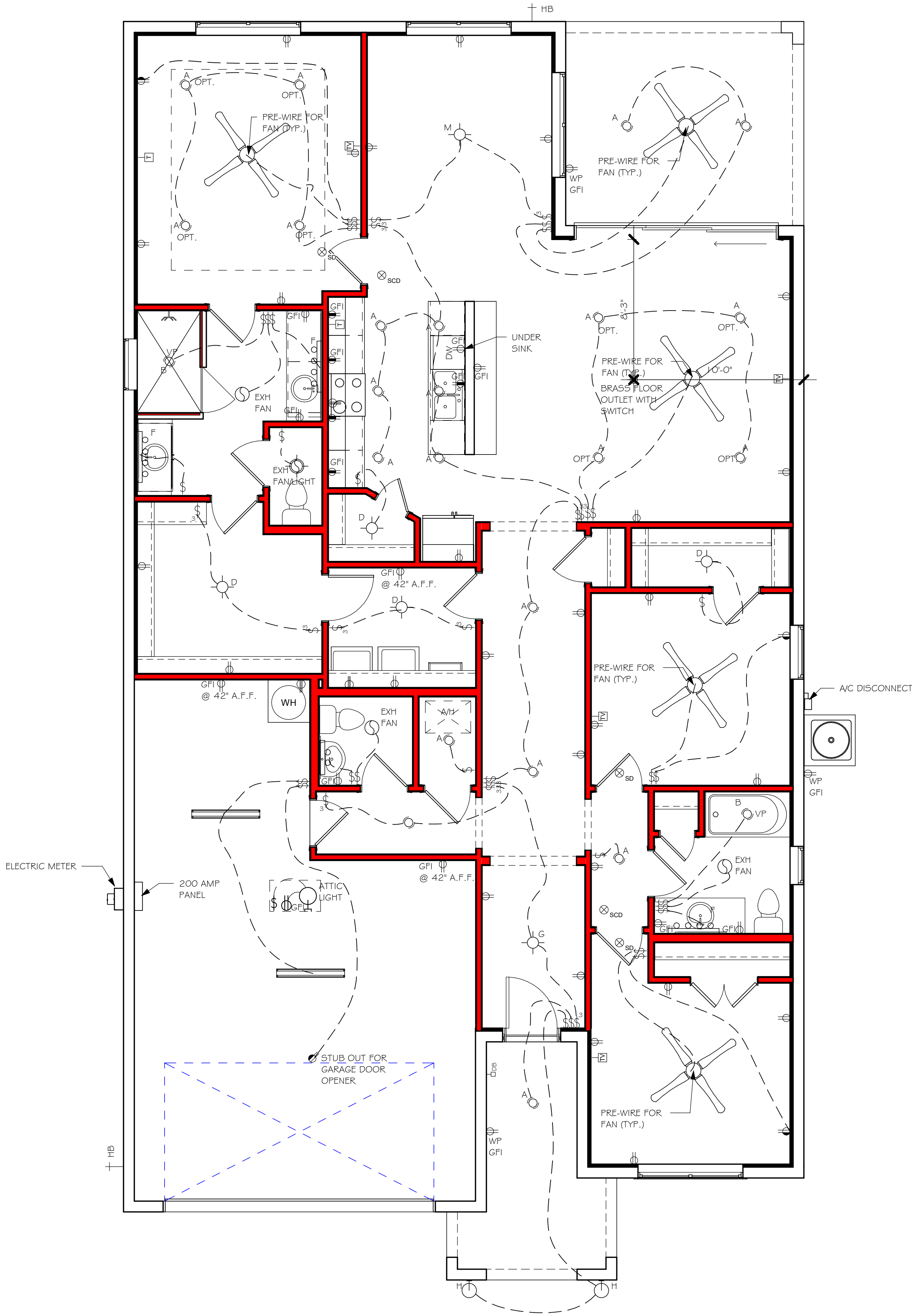
DESIGN IN ACCORDANCE WITH THE RESIDENTIAL
FLORIDA BUILDING CODE 2020 - 7TH EDITION

L:\O-New Data\1 - MASTER 2019\2019-BUILDERS\DK HORTON
2019\SUBDIVISIONS\STONEWATER 50s\13362 LOT 17 1962 BLREVIT\13362 1962 BL.rvt

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 FLOOD 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 1962 "B"		
200 AMP SERVICE		
TAG	QUANTITY	PRODUCT
A	(37)	(FLUSH MOUNTED LT)
B	(3)	(VAPORS)
C	(5)	(PENDANT LIGHT
D	(X)	(10" MUSHROOMS)
E	(5)	(24" 3 LT)
F	(X)	(36" 4 LT)
G	(X)	(NOT USED)
H	(3)	(COACH LIGHTS)
I	(X)	(COACH LIGHTS)
J	(1)	(J BOX)
K	(4)	(4' FLUORESCENT)
L	(3)	(2' FLUORESCENT)
M	(X)	(SLT CHANDELIER)
N	(X)	(3 LT)
O	(X)	(PENDANT/ NOOK)
P	(X)	(X)
Q	(X)	(X)



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

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

America's Builder

Drafting & Design, Inc.
EMAIL: PLANS@GULFCOASTDRAFTING.COM
PHONE: 239-540-1822
1515 SE 47th ST. CAPE CORAL, FL 33904

LOT: 17
SUBDIVISION: STONEWATER
ADDRESS: 828 HEATHER LAKE AVENUE
D.R.H. #: 579230017

MODEL
1962 B
GCD JOB # 13362

DATE: 8/31/21
DRAWN BY: CWL
CHECKED BY: JWC
REVISED:
PLAN: ELECTRICAL
SCALE: As indicated

A-5

ROOF SHEATHING FBCR R#03.2.2
SHALL BE 1/32 ASP 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 1" X 12" AT UNSUPPORTED PANEL EDGES. THE ROOF SHEATHING SHALL BE NAILED WITH 1 1/2" X 0.131 OR 1 3/8" X 0.120 RING SHANK NAILS @ 6" O.C. EDGE AND 6" O.C. FIELD. FOR WIND SPEED/EXPOSURE 160MB, 160C AND 170B. FOR 170C, DECREASE NAIL SPACING TO 4" O.C. EDGE AND 4" O.C. FIELD. ENSURE THAT ALL NAILS PENETRATE THE TOP CHORD OF THE TRUSSES WITHOUT SPLITTING.

FLASHING
FLASHING SHALL BE ALUMINUM, ALUMINUM ZINC COATED STEEL 0.0179" THICK, 26 GAUGE AZ50 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 MANUFACTURERS 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 AT 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.

INSTALL PEEL AND STICK UNDERLAYMENT APPROVED FOR SINGLE LAYER APPLICATION UNDER TILE ROOF.

THE INSTALLATION OF CLAY AND CONCRETE TILE SHALL COMPLY WITH THE PROVISIONS OF R905.3 F.B.C.

MARKING: EACH ROOF TILE SHALL HAVE A PERMANENT MANUFACTURERS IDENTIFICATION MARK.

APPLICATION SPECIFICATIONS: THE TILE MANUFACTURERS WRITTEN APPLICATION SPECIFICATIONS SHALL BE AVAILABLE AND SHALL INCLUDE THE FOLLOWING:

1. TILE PLACEMENT AND SPACING.

2. ATTACHMENT SYSTEM NECESSARY TO COMPLY WITH CURRENT WIND CODE.

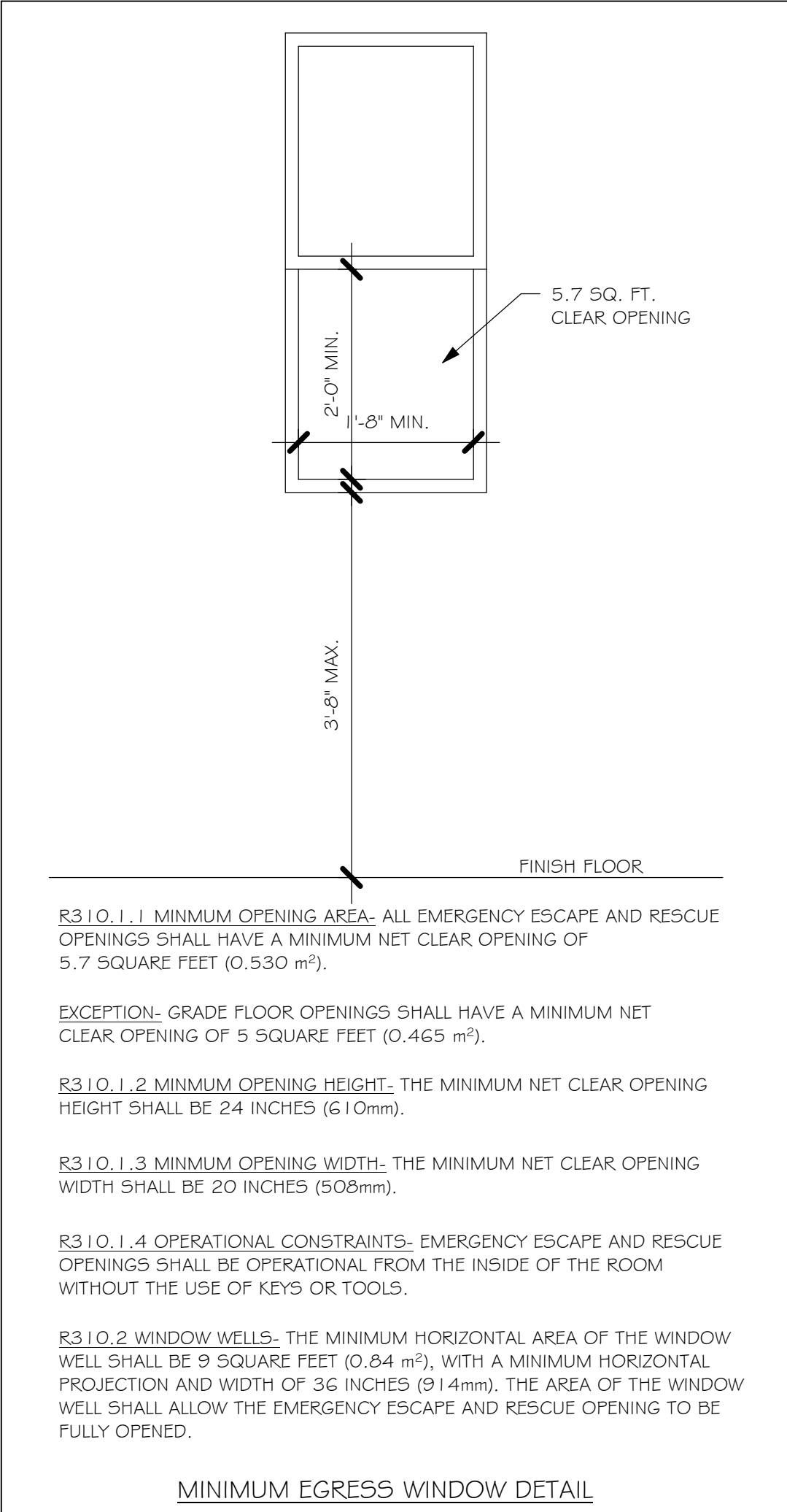
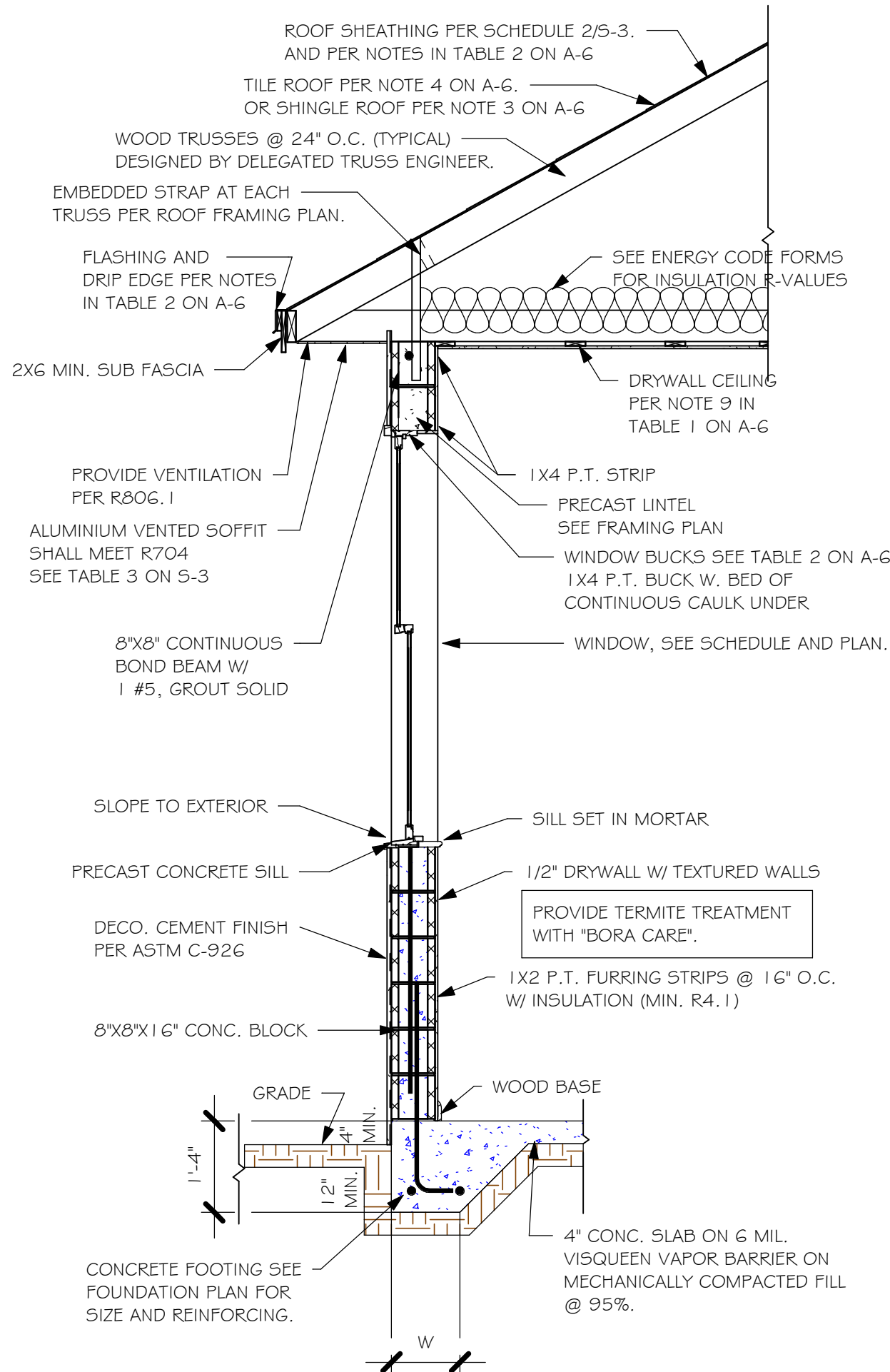
A. AMOUNT AND PLACEMENT OF MORTAR

B. AMOUNT AND PLACEMENT OF ADHESIVE

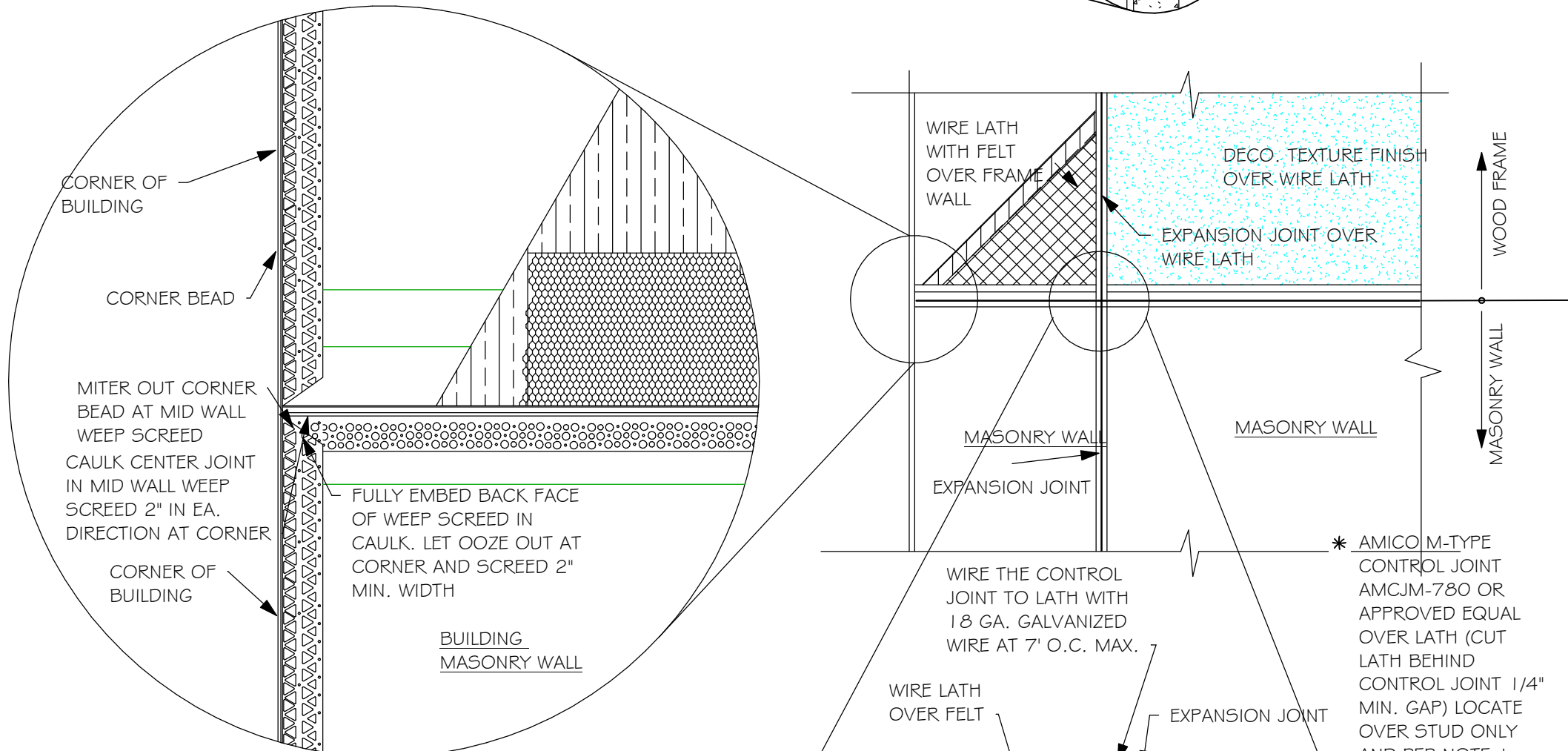
C. TYPE, NUMBER, SIZE AND LENGTH OF FASTENERS AND CLIPS.

3. UNDERLAYMENT

4. SLOPE REQUIREMENT.



A-6

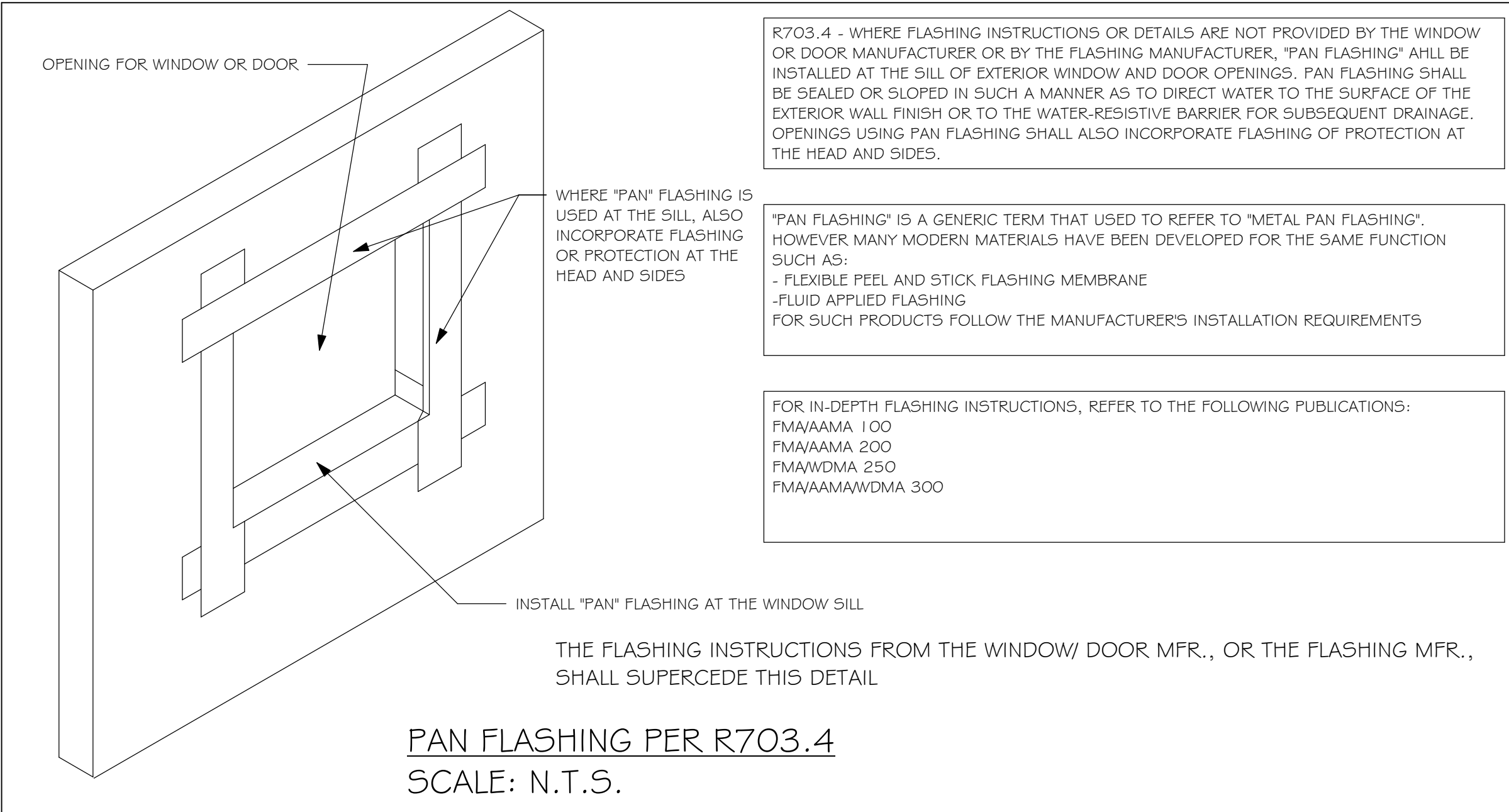


DETAIL

Labels and notes in the diagram include:

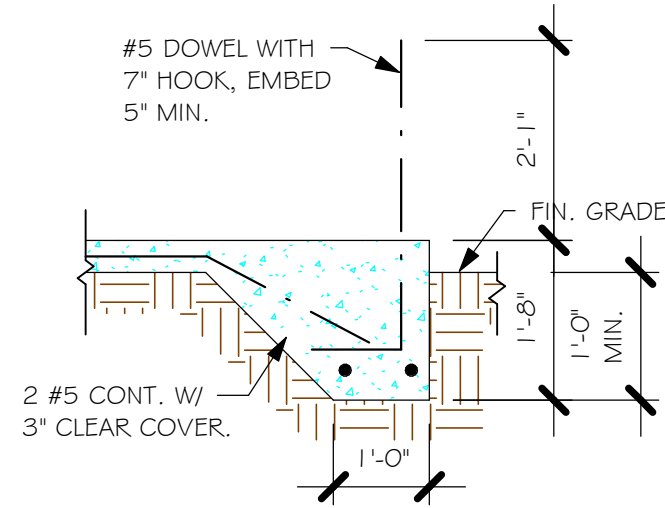
- FRAME WALL
- FELT PAPER
- FELT STRIP
- WIRE LATH OVER MID WALL
- WEEP SCREED OVER FELT STRIP
- MID WALL
- WEEP SCREED OVER FELT STRIP
- DECO. TEXTURE FINISH OVER WIRE LATH
- * NOTE 1: (AT WOOD FRAME ONLY)
- MAX OF 144 SQ. FT. BETWEEN CONTROL JOINTS, NOT GREATER THAN 18'-0" O.C. MAX AREA RATIO OF CONTROL JOINTS-2-2/1 TO 1
- MITER OVER SCREED
- FELT STRIP OVER BLOCK WALL
- MASONRY WALL
- EXPANSION JOINT

INSTALL AT ALL EXTERIOR WALL LOCATIONS WHERE
WOOD STUD FRAMING IS ABOVE MASONRY WALLS

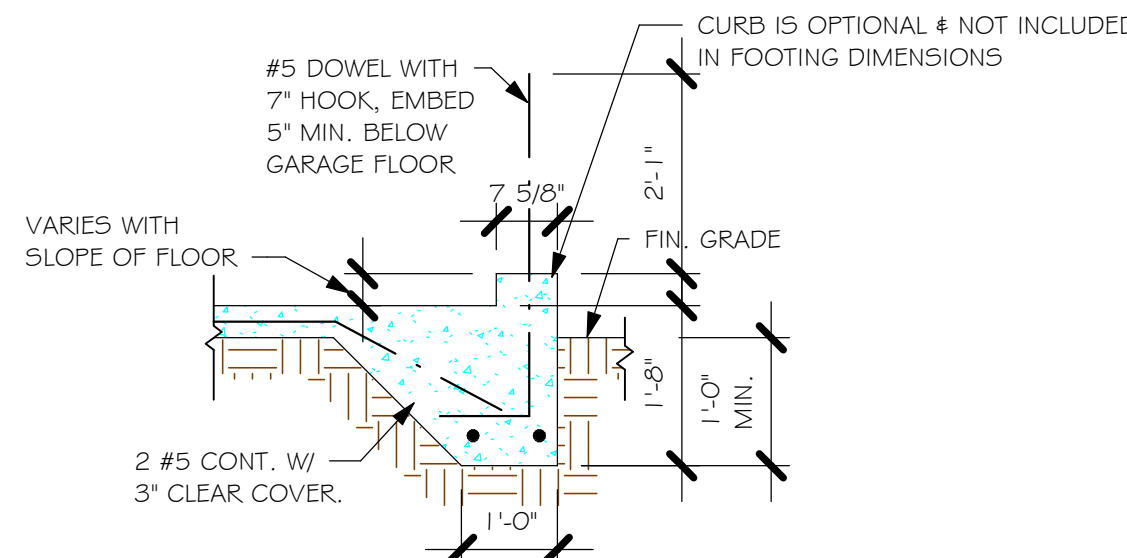


PAN FLASHING PER R703.4
SCALE: N.T.S.

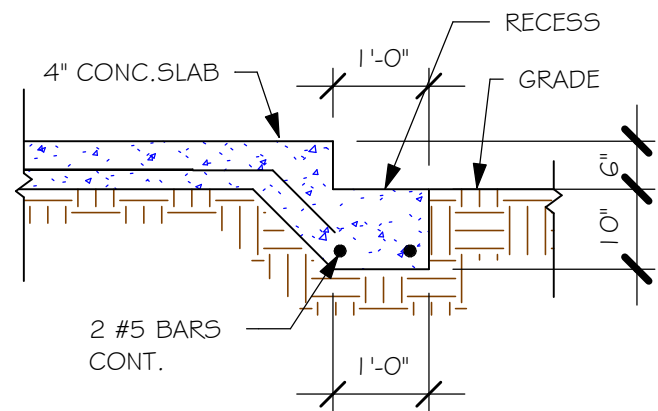
W:\1 - MASTER 2019\2019-BUILDERS\DK HORTON 2019\SUBDIVISIONS\STONEWATER
50a\13362 LOT 17 1962 BUREVIT\13362 1962 BL.rvt



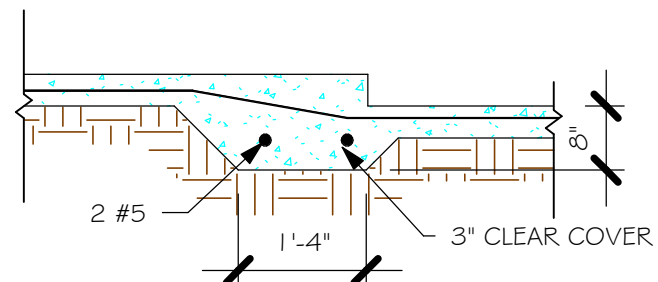
"F3" FOOTING
1/2" = 1'-0"



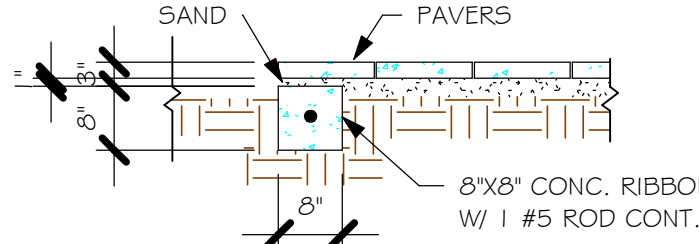
"F3" WITH CURB AT GARAGE
1/2" = 1'-0"



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



"F6" STEP DOWN
1/2" = 1'-0"



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

USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINFORCING		SHAPE
					LONG WAY	SHORT WAY	
	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

USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINFORCING		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	-
X	F	3'-0"	2'-6"	1'-0"	3-#5	4-#5	-

FOUNDATION PLAN

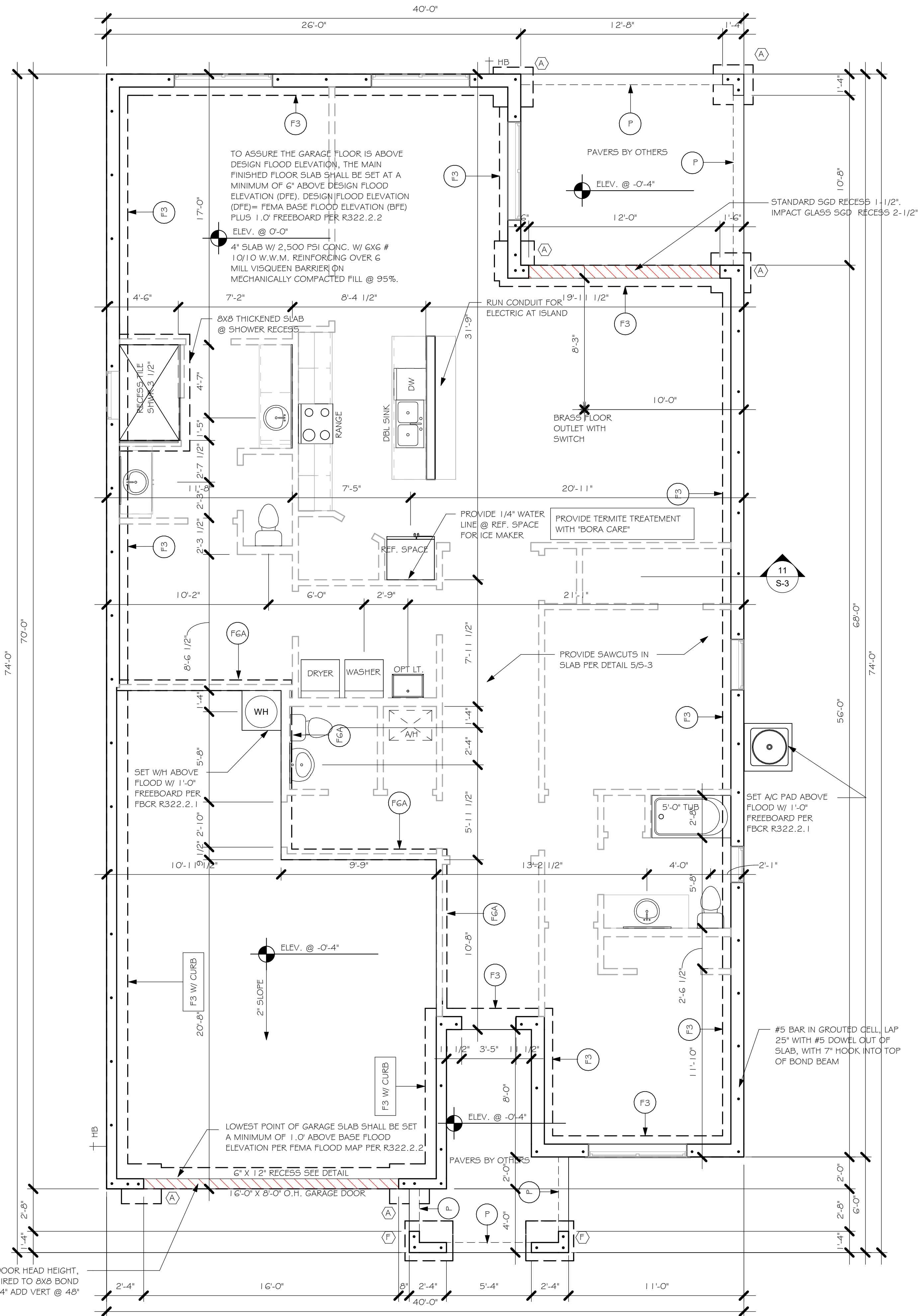
SCALE: 1/4" = 1'-0"

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.

8/8-1 B SET AT GARAGE DOOR HEAD HEIGHT,
ADD COURSING AS, REQUIRED TO 8X8 BOND
BEAM W/ 1 #5, TOP @ 9'-4" ADD VERT @ 48"
O.C. GROUT SOLID

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



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



This item has been digitally signed by Raul Reyes on the date adjacent to the signature. The signature and the signature must be validated on any electronic copies.

NOTES:



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.
2. ANY OF THE VALID LENGTHS SHOWN MAY BE USED IN PLACE OF THE LENGTH SPECIFIED ON PLAN.
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.
4. WHERE EMBEDDED STRAPS ARE MISSING, OR MIS-LOCATED, INSTALL RETROFIT STRAP PER 10Q5-3, PER UPLIFT IN TRUSS ENGINEERING.

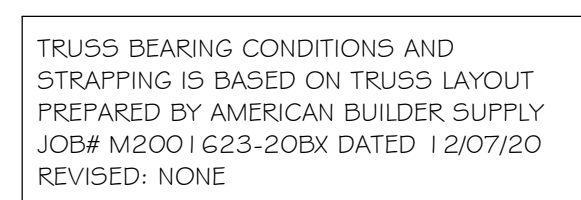
SIMPSON CATALOG C-C-2019

NOTES:

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.
2. ANY OF THE VARIOUS LENGTHS SHOWN MAY BE USED IN PLACE OF THE LENGTH SPECIFIED ON PLAN.
3. 1-1/2" NAIL SHALL BE USED IN 1 PLY LUMBER, 2 PLY LUMBER IS REQUIRED FOR 3" NAILS.
4. CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS.

SIMPSON CATALOG C-C- 20

- ## BEARING HEIGHT
- | | |
|---|---------------------|
|  | = BEARING @ 9'-4" |
|  | = BEARING @ 13'-11" |



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

<p>MODEL</p> <p># 1962 B</p>	<p>LOT: 17</p>
	<p>SUBDIVISION: STONEWATER</p>
<p>DATE:</p>	<p>8/31/21</p>
<p>DRAWN BY:</p>	<p>CWL</p>
<p>CHECKED BY:</p>	<p>JWC</p>
<p>REVISED:</p>	
<p>PLAN:</p>	
<p>ROOF FRAMING PLAN</p>	
<p>SCALE:</p>	<p>As indicated</p>
<p>S-2</p>	

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

2 1/2" 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

DOWEL TO MATCH WALL REINFORCING, LAP 25"

FINISHED GRADE, SEE SITE PLAN

MONOLITHIC FOOTING, SEE PLAN

12" MIN

5" WITH 10" STD HOOK

3" CLEAR COVER TO REINFORCING

EDGE

W

INTERIOR

VARIES

W

STEPDOWN

D

GARAGE

W

MONOLITHIC FOOTINGS

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

8" CMU WALLS

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

1/4"x3 3/4" TAPCON @ 24" OC, 3 SCREWS MIN. (SEE NOTE)

8" CMU, SEE PLAN FOR REINFORCING

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

2x2x1/8" WASHER

1/2" Ø EXPANSION BOLT, 4" MIN. EMBEDMENT, SPACE 24" OC AND 12" FROM TOP & BOT.

DOOR

BUCK FASTENING

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.

GARAGE DOOR

RETROFIT STRAPS TO CONCRETE/MASONRY

TRUSS UPLIFT (LBS) @ 24" OC	CONNECTOR	
TO 840	1-MTSM16 or 20	7-10dx1 1/2" 4-1/4x2 1/4" TITEN
TO 1045	1-HTSM16 or 20	8-10dx1 1/2" 4-1/4x2 1/4" TITEN
TO 2090	2-HTSM16 or 20	8-10dx1 1/2" 4-1/4x2 1/4" TITEN
TO 4300	2-LGT2	16-16d, 7-1/4"x2 1/4" TITEN
TO 3480	HTT16	18-16d, 9/8" Ø ALLTHREAD, DRILL & EPOXY 10" EMBED W/ SIMPSON SET.
TO 10530	HGT-2/3	TWO 3/4" Ø ALTHREAD, DRILL & EPOXY 12" EMBED WITH SIMPSON SET.

NOTES:

1) 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.

2) CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS.

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	1) 1x4 STRIPPING @ 16"OC w/ 2-8d NAILS TO EACH TRUSS, 3/8" EXTERIOR GYPBOARD CEILING, FASTEN W/8d NAILS OR 1/8" DRYWALL SCREWS @ 6"OC EDGE & FIELD. 2) 3/8" BC PLYWOOD NAILED W/ 6d COMMON @ 6" OC EDGE & FIELD.
19/32 CLASS A.P.A. RATED SHEATHING, EXPOSURE 1, SPAN RATING 40/20. FASTEN WITH RING SHANK NAILS PER DETAIL 1/S-3	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

3/4" DEEP SAWCUT w/ ELASTOMERIC SEALANT

SLAB ON GRADE, SEE PLAN

NOTES:

1) PROVIDE SAWCUTS TO CREATE APPROXIMATE 20' X 20' MAXIMUM SQUARES.

2) SAWCUT CONCRETE SLAB WITHIN 4 TO 12 HOURS OF CONCRETE PLACEMENT.

SLAB SAWCUT DETAIL

SCALE: NTS

5

INTERSECTION

CORNER

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

2x SUBFASCIA W/ 2-16d TO EACH TRUSS

TRUSS BEARING

SEE PLAN

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

3" CLEAR COVER TO REINFORCING

W

EMBED DOWELS 5" WITH 10" STD HOOK

8

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. (V_{wind}=124 MPH, RISK CAT II, ENCLOSED, K_d=0.85, I=1.15)

TYPE	INTERIOR ZONE 4	END ZONE 5
SOFFIT (10 SQ. FT.)	+33.5 -36.3	+33.5 -44.8
WINDOWS & DOORS (10 SQ. FT.)	+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)

1) TABLE MAY BE USED FOR ANY SIZE WINDOW OR DOOR IN EACH TYPE.

2) 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.

3) ALL GLASS / GLAZING SHALL BE IMPACT RATED OR USE IMPACT RATED SHUTTERS.

4) SUBMIT PRODUCT APPROVALS TO THE BUILDING DEPARTMENT AS REQUIRED BY THE LOCAL JURISDICTION.

5) 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))

TYPICAL HOUSE PLAN

4

3" COVER

MAINTAIN RUN TO RISE OF 2:1 OR MORE

FOOTING REIN., SEE PLAN

LAP CORNER BARS 40 BAR DIAMETERS

CONCRETE FOOTING, SEE PLAN

FOOTING REIN., SEE PLAN

LAP 40 BAR DIAMETERS

PLAN VIEW

STEP FOOTING

SCALE: NTS

FOOTING CORNER BARS

SCALE: NTS

6

UPPER BOND BEAM, SEE PLAN

HOOK BAR INTO TOP OF UPPER BOND BEAM

VERTICAL BOND BEAM, 8"x8" CMU W/ #5 VERTICAL

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

LINTEL AT LANAI OR ENTRY, '8F16-1B/1T' (8"x16" FILLED SOLID, 1#5 BOTTOM, 1-#5 TOP)

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

BEARING

#5 VERTICAL IN GROUTED CELL AT DOT LOCATIONS ON PLAN

#5 VERT. AT INTERSECTION OF BOND BEAM W/ 7" HOOK AT TOP

MASONRY WALL

STEPPED BOND BEAM & REINFORCING

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

9

ROOF SHEATHING, SEE SCHEDULE.

2x4 BLOCK AT SHEATHING JOINT

9" MAX PER R803.2.3

3-12d TOE NAILS

2x4 OUTLOOKER @ 24" O.C.

TOP CHORD OF GABLE END TRUSS

BRACE VERTICAL MEMBERS PER TRUSS MFR DETAILS

WALL SHEATHING PER SCHEDULE 2/S-3

MID WALL WEEP SCREED

12d NAILS AT TRUSS BOTTOM CHORD TO SILL @ 8" O.C.

MASONRY WALL, SEE PLAN

2x6 PT SILL W/ 1/2" x 6" ANCHOR BOLTS @ 32" O.C. W/ 2" WASHER

RAISED GABLE TRUSS

GABLE END DETAIL

SCALE: N.T.S.

12A

12

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.

1. 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/ TCLL)
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

2. WIND DESIGN PER ASCE7-16
BASIC WIND SPEED (ASCE7-16) 160 MPH
NOMINAL WIND SPEED (V_{wind} TABLE R301.2.1.3) 124 MPH
BUILDING CATEGORY II
IMPORTANCE FACTOR I=1.00
EXPOSURE C
MEAN ROOF HEIGHT 15 FT
HEIGHT & EXPOSURE COEFFICIENT A TABLE R301.2(3) = 1.21
ROOF PITCH 5/12
ENCLOSURE CLASS. 1
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

3. REINFORCED CONCRETE: DESIGN PER ACI 318-14
REQUIRED COMPRESSIVE STRENGTH AT 28 DAYS:
SLAB ON GRADE f_c = 2500 PSI
3/4" MINIMUM THICKNESS REINFORCED WITH 6x6 w/4xw/1.4 WMF OR FIBERESH.
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 CENTERED
BEAMS 1 1/2"
COLUMNS 1 1/2"
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 TO #11
GRADE 60 FOR #14 BARS.

WELDED WIRE FABRIC – ASTM A185

SPLICES IN REINFORCING, SHALL BE 40 BAR DIAMETERS. NON-CONTACT LAP SPLICES MAY BE USED PROVIDED REINFORCING IS NOT SPACED MORE THAN 5' APART FOR 40 BARS.

FORMWORK AND SHORING SHALL REMAIN IN PLACE UNTIL CONCRETE HAS REACHED AT LEAST 2/3 OF THE REQUIRED 28 DAY STRENGTH.

4. REINFORCED MASONRY: DESIGN PER TMS 402/602-16
REQUIRED COMPRESSIVE STRENGTHS:
MASONRY WALLS f_m = 1500 PSI
REINFORCING STEEL – ASTM A615 GRADE 60.
SPLICES IN REINFORCING, SHALL BE 48 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 3000 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.

5. 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.

6. 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.

7. 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.

8. 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.

9. 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.

FBC R703.7 EXTERIOR PLASTER

ASTM C926 AND ASTM C1063

THE CODE SECTIONS REFERENCED BELOW ARE FOR SUMMARY PURPOSES. SEE THE FLORIDA BUILDING CODE AND THE ASTM STANDARDS FOR FULL DESCRIPTIONS AND REQUIREMENTS.

R703.7.1 Lath: Where required by the wall framing type, install metal lath per ASTM C1063 or non metallic lath per ASTM C1787. Use self furring lath as required by the ASTM spec. Use paper backed lath as required per Water Resistive Barrier specs.

R703.7.2 Plaster: Install portland cement based plaster and number of coats per ASTM C926 and thickness per Table R702.1(1).

R703.7.3 Water Resistive Barriers: Install water resistive barriers per R703.2 and water resistive vapor-permeable barrier over stud walls. (Note: ZIP wall sheathing with seam tape qualifies as the first layer)

R703.7.2.1 Weep Screed: Weep screed shall be installed at the bottom edge of all exterior wood stud framed walls (including gable end trusses) receiving lath and plaster.

Note: Exterior Stud Walls includes Gable End Trusses or Floor Trusses with Wall Sheathing.

STUD FRAMING OR FLOOR TRUSS OR GABLE END WITH WALL SHEATHING

MASONRY WALL

EXTERIOR WALL WITH PLASTER

THICKNESSES ARE EXAGGERATED FOR DRAWING PURPOSES

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

BUILDER:

D.R.HORTON

America's Builder

STRUCTURAL DETAILS

MODEL 1962 B

828 HEATHER LAKE AVENUE
CAPE CORAL, FLORIDA 33993
LOT: 17 SUBDIVISION: STONEWATER

DESIGN/DRAWN DWB/RR

CHECKED DWB

DATE 09/24/21

SCALE VARIES

JOB NO. DR 13362

SHEET

S - 3

SHEET 3 OF 4

FOR AMERICAN BUILDERS SUPPLY TRUSSES, MODEL 1962, ELEVATION B & F, JOB # W2001623-20BX, DATED: 12/07/20, REVISED: 07/06/21

