

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 diaphragm 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 rqmnts 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

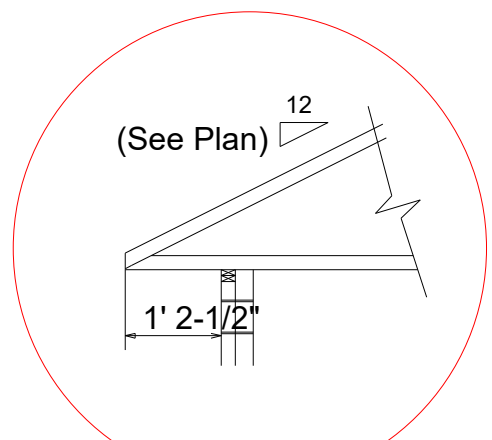
Loading and Design Criteria

	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:	Sales Rep:	Designer:	Job Number:
12/7/2020	Carl F	Joe D	M2001623-20BK

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

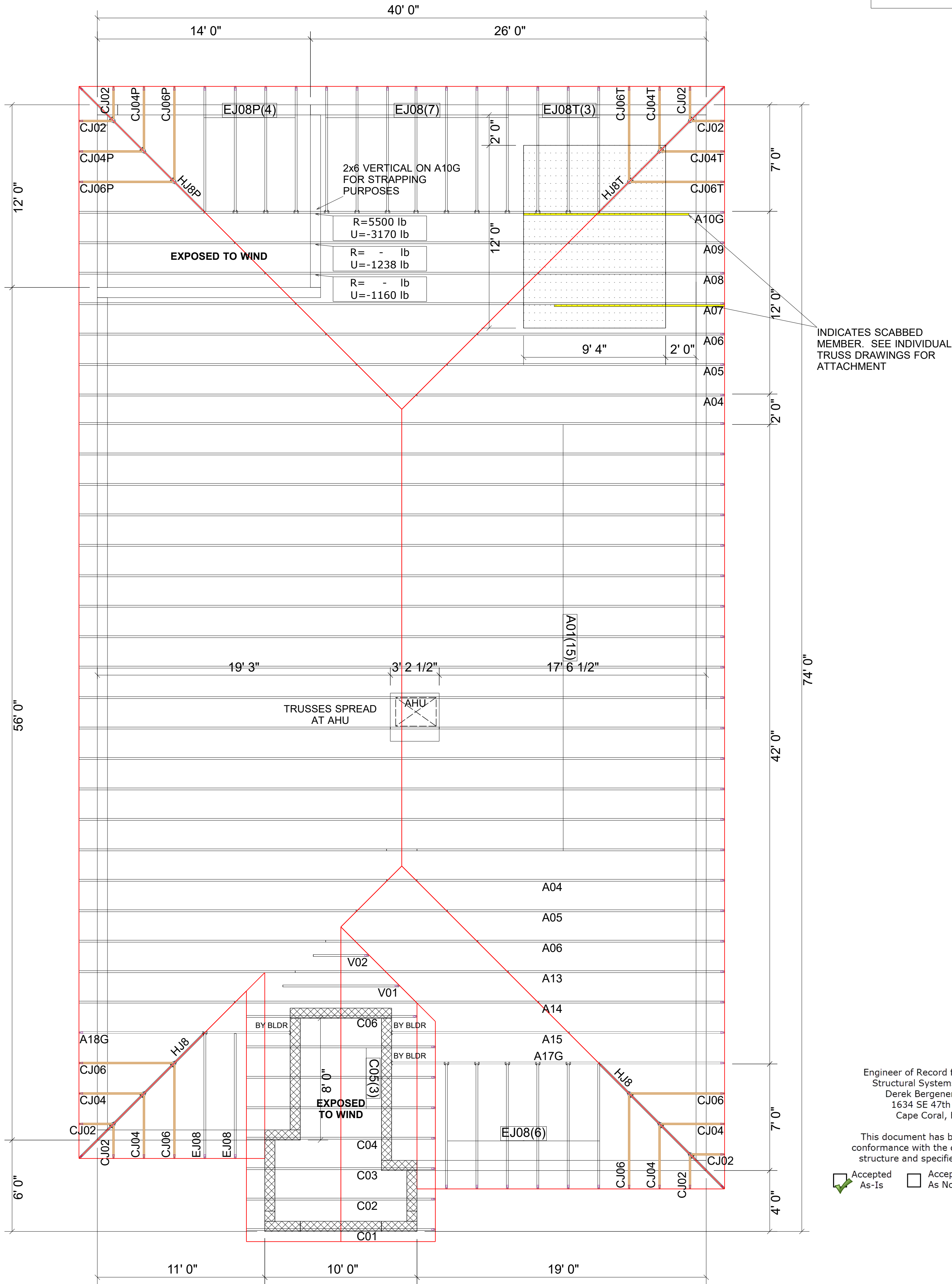


CANTILEVER DETAIL

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.

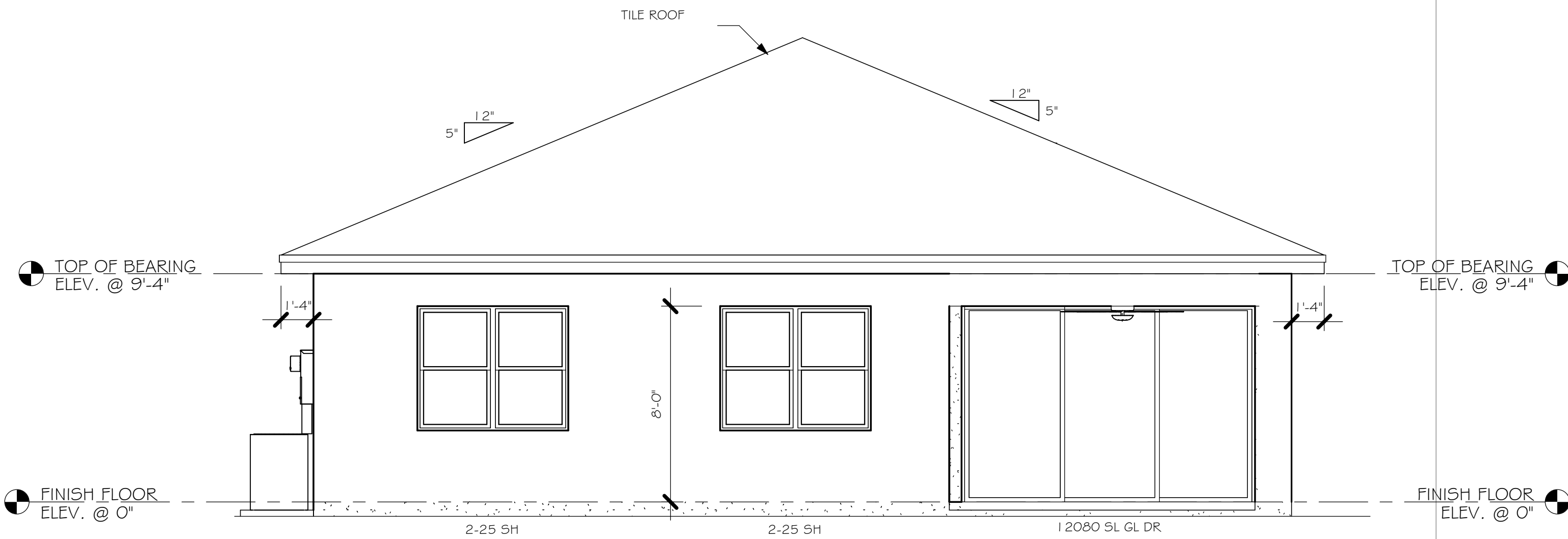
Truss List of <5000# reaction & <-1000# uplift						
Truss	Qty	Span	Reactions			
A08	1	42' 5"	1201.62 lb -439.43 lb	2678.14 lb -1159.01 lb	467.03 lb -463.58 lb	
A09	1	42' 5"	1154.57 lb -411.56 lb	2799.18 lb -1237.65 lb	386.86 lb -412.82 lb	
A10G	1	42' 5"	2097.32 lb -864.07 lb	5499.09 lb -3169.87 lb	450.47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



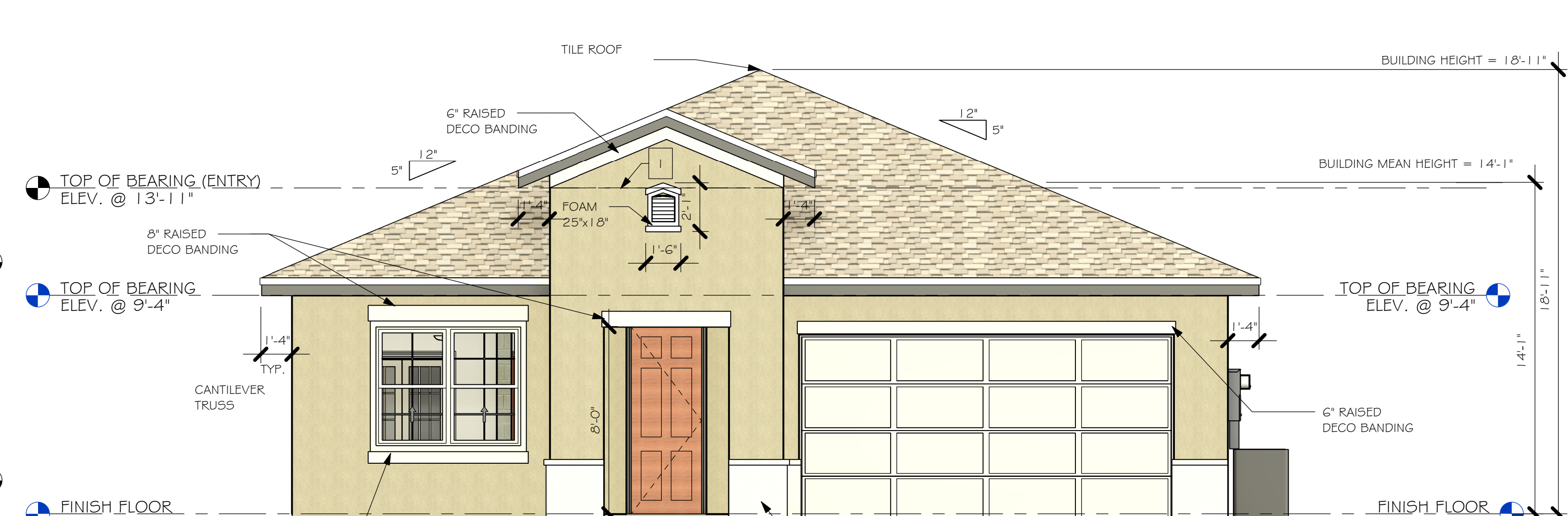
Engineer of Record for the Structure
Structural Systems of N. Fl., Inc.
Derek Bergener, PE 58552
1634 SE 47th Street #3
Cape Coral, FL 33904

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

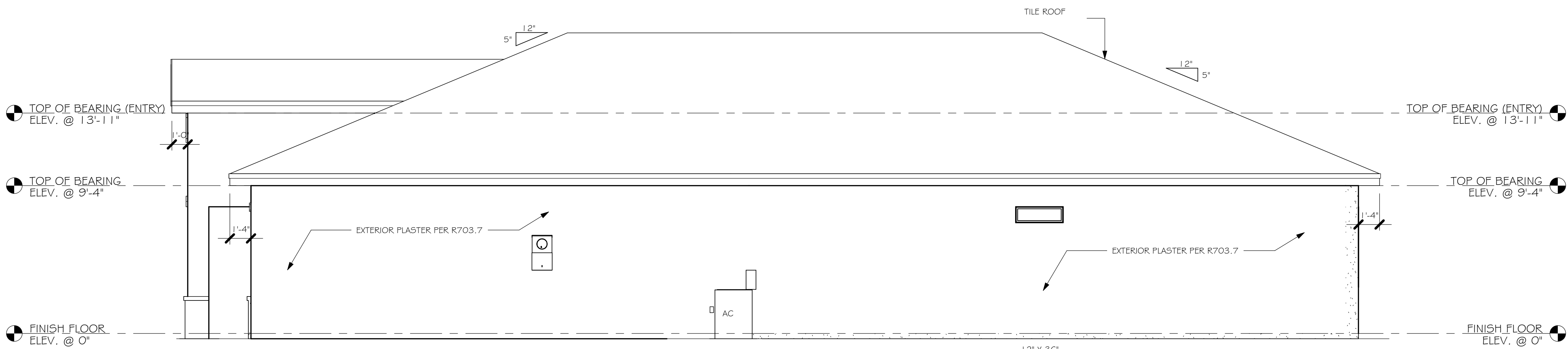
☒ Accepted As-Is ☐ Accepted As Noted ☐ Revise and Resubmit



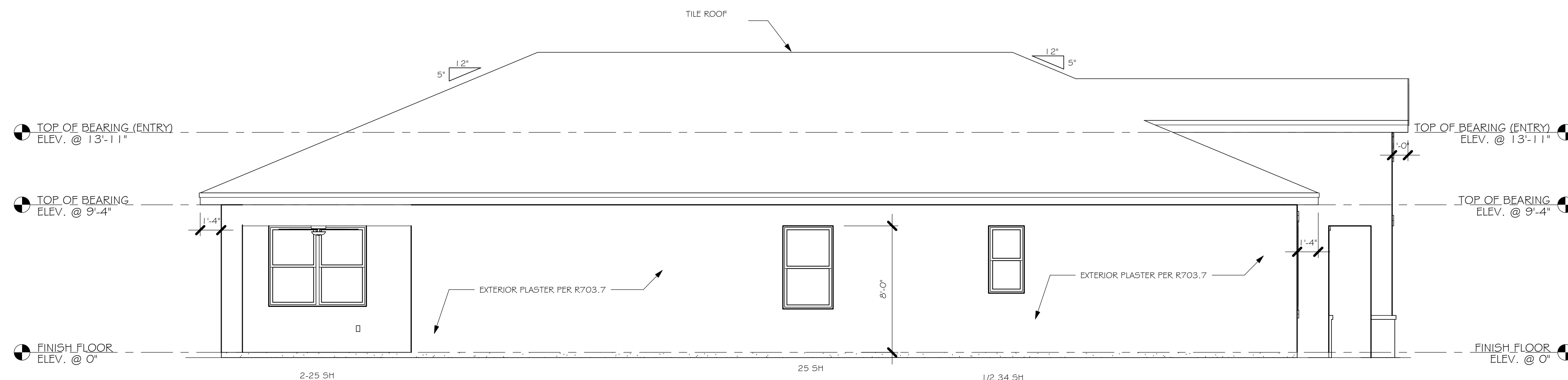
REAR ELEVATION B
1/4" = 1'-0"



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



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



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

- 1

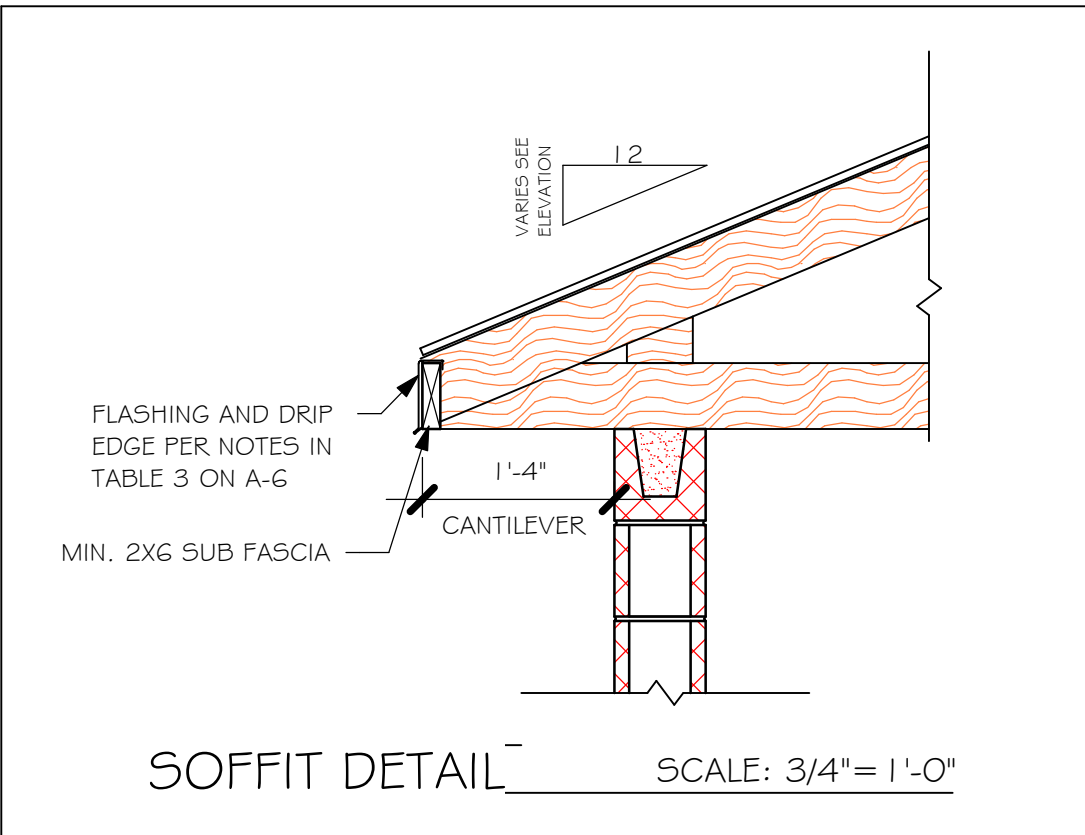
MID-WALL WEEP SCREED AT WOOD MASONRY INTERFACE. INSTALL STRICTLY PER MFG. INSTRUCTIONS
- 2

ROOF / WALL SCREED INSTALL STRICTLY PER MFG. INSTRUCTIONS

FLORIDA BUILDING CODE 7TH EDITION

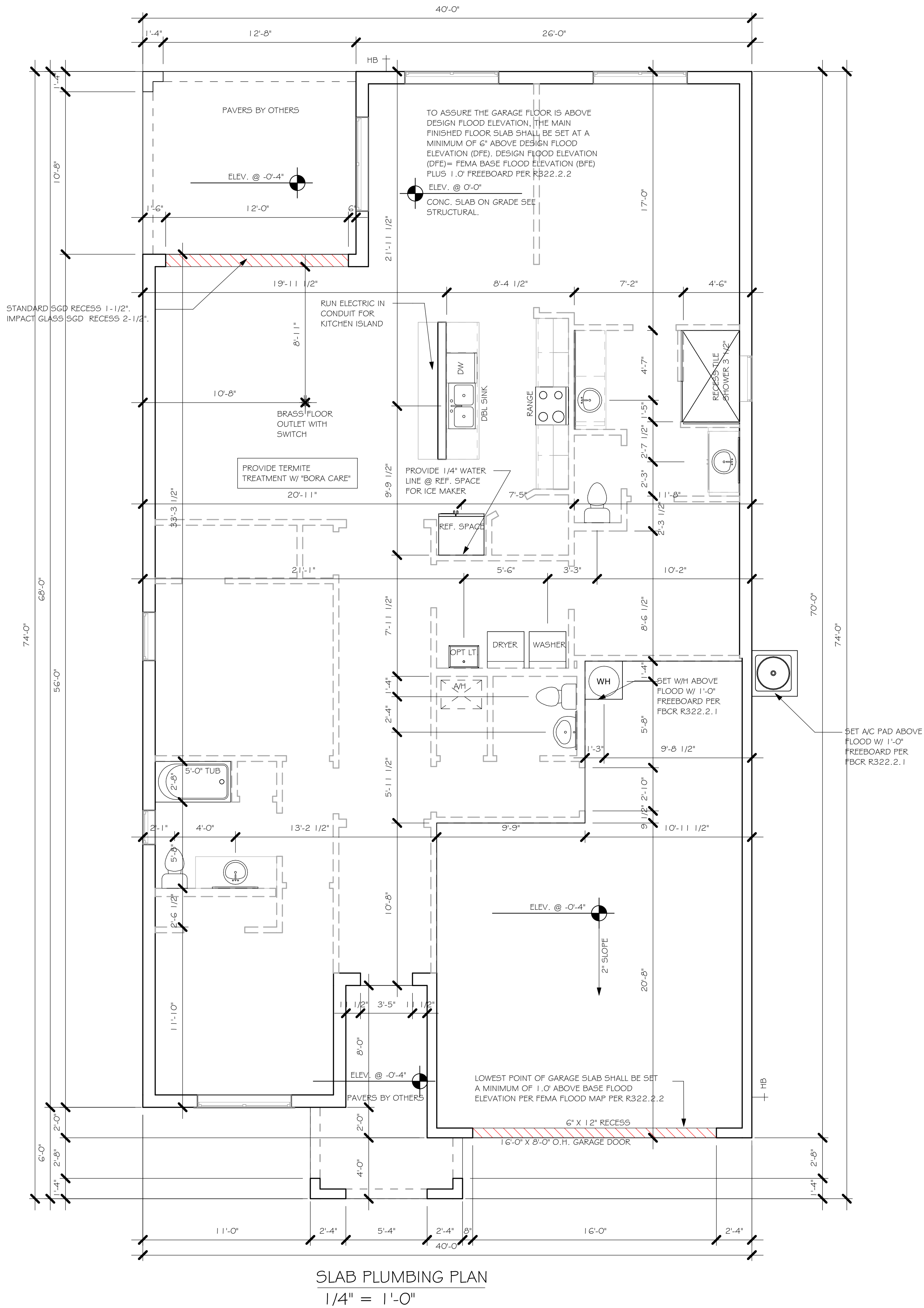
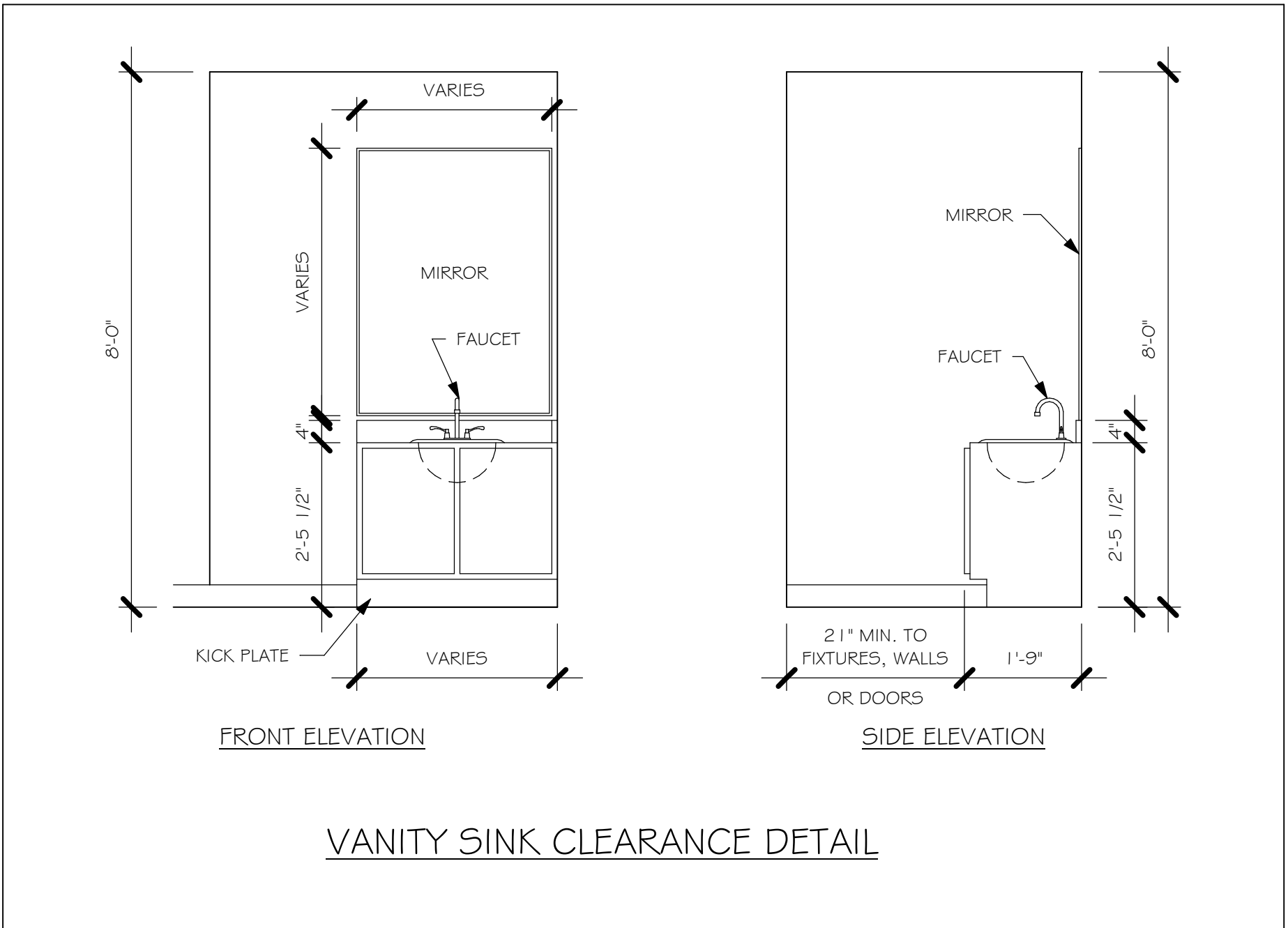
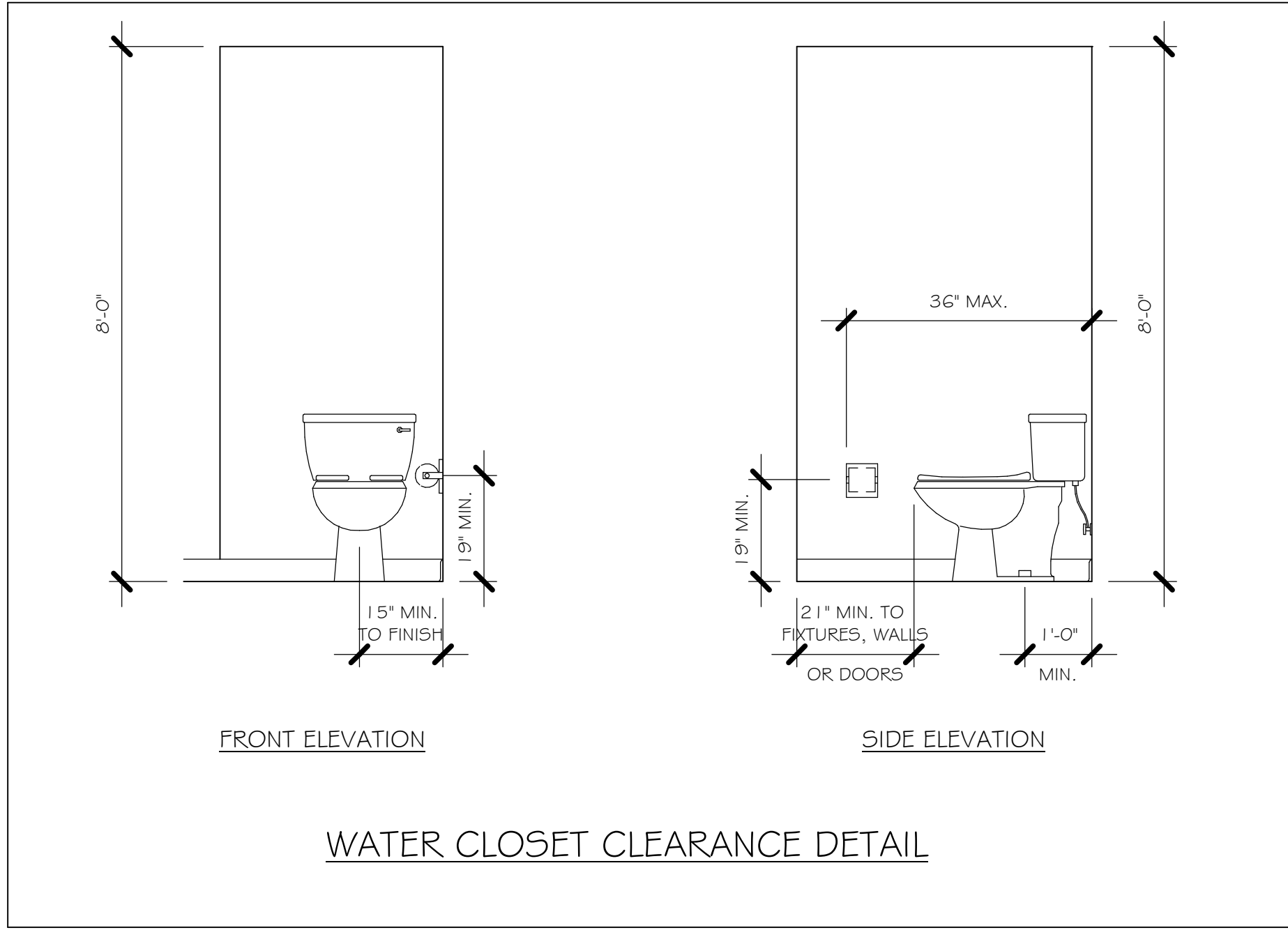
OCCUPANCY: FBC 310.5 RESIDENTIAL GROUP R-3
CONSTRUCTION TYPE: V-B (FIRE RESISTANCE RATING 0 HOURS, NOT SPRINKLED)

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\DR HORTON
2019\SUBDIVISIONS\MAGNOLIA 505\13705 LOT 58 1962 BRREVIT\13705 1962 BR.rvt



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: 239-540-8223 1515 SE 47th ST. CAPE CORAL, FL 33904	
LOT: 58	SUBDIVISION: MAGNOLIA III 50s
ADDRESS: 3808 CROSSWATER DRIVE	D.R.H. #: 5799G0058
MODEL # 1962 B	GCD JOB # 13705
DATE: 10/26/21	
DRAWN BY: CWL	
CHECKED BY: JWC	
REVISED:	
PLAN: FOUNDATION	
SCALE: As indicated	
A-2	

DOOR SCHEDULE						
TYPE MARK	DESCRIPTION	MANUFACTURER	HEIGHT	WIDTH	COMMENTS	QTY

1	3080 ENTRY	DISTINCTION	8'-0"	3'-0"		
2	(3)-4080 SL. GL. DR.	DISTINCTION	8'-0"	12'-0"	IMPACT	
3	16080 OHGD	GARAGE DOOR	8'-0"	16'-0"		

WINDOW SCHEDULE					
MARK	DESCRIPTION	WIDTH	HEIGHT	COMMENTS	QTY
A	1/2 34 SH	2'-5"	4'-5"	IMPACT	1

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

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" 5/8" RESISTANT PER SEC. R702.3.5
- 9) THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE 4 ATTIC BY NOT LESS THAN 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 R31 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

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

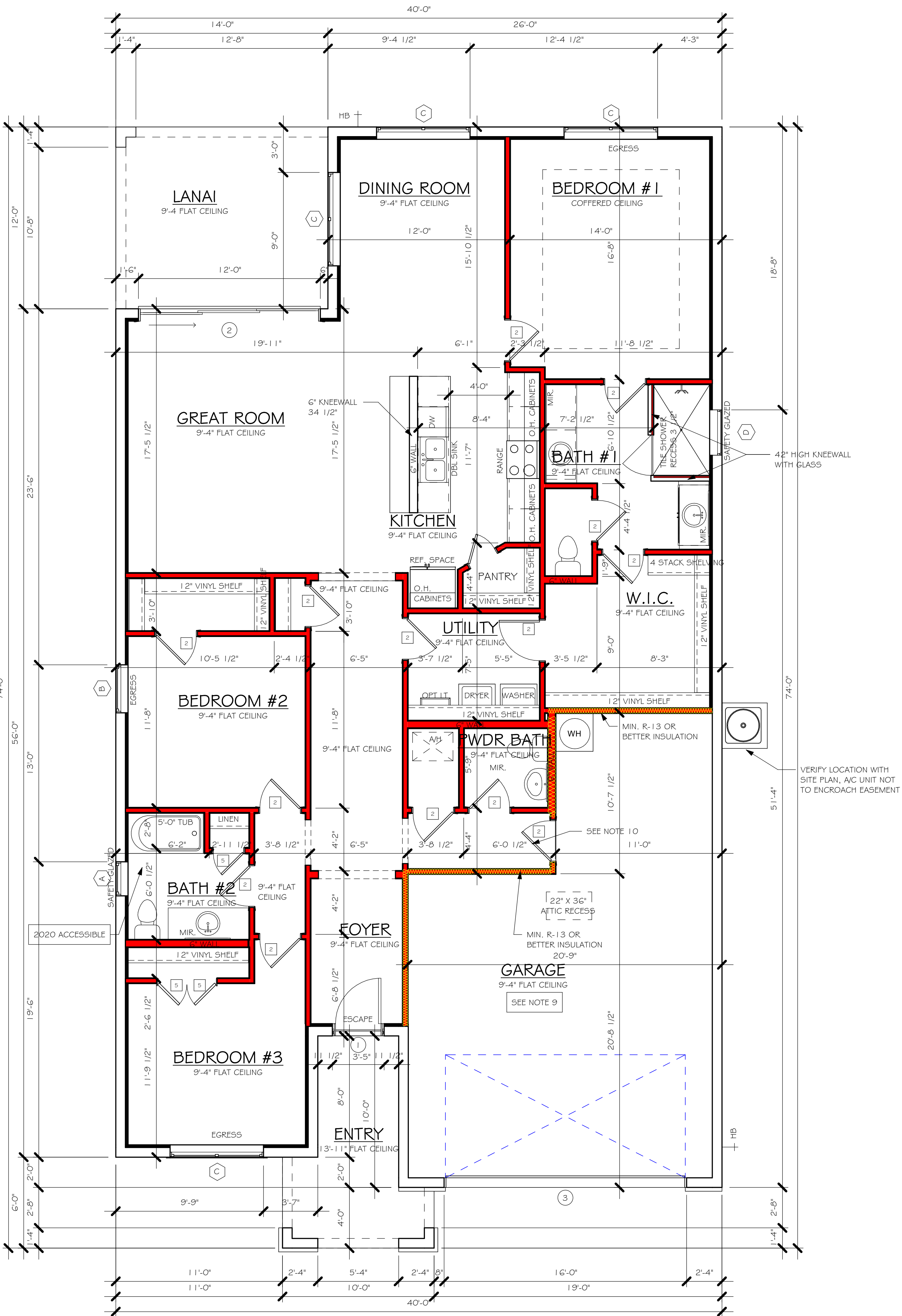
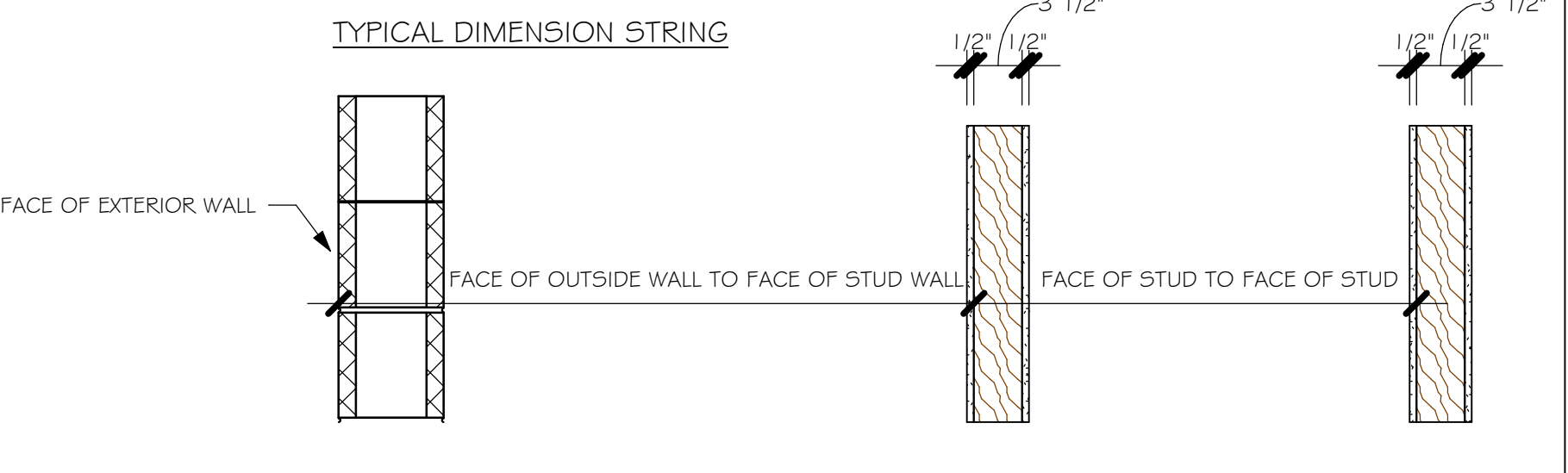
SQUARE FOOTAGE	
ENTRY AREA	98 SF
LANAI AREA	167 SF
GARAGE AREA	552 SF
LIVING AREA	2000 SF
TOTAL SAQURE FOOTAGE	2817 SF

ENTRY AREA	98 SF
LANAI AREA	167 SF
GARAGE AREA	552 SF
LIVING AREA	2000 SF
TOTAL SQAURE FOOTAGE	2817 SF

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'-11"	

MARK	DOOR WIDTH	NOTES
1	3'-0"	P.K. = POCKET DOOR
2	2'-8"	B.F. = BI-FOLD DOOR
3	2'-6"	
4	2'-4"	B.P. = BI-PASS DOOR
5	2'-0"	
6	1'-8"	L.V. = LOUVERED DOOR
7	1'-6"	
8	2'-11"	

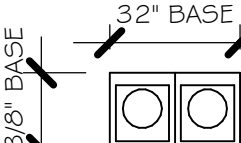
Diagram illustrating the typical dimension string for exterior wall, stud wall, and another stud wall. The diagram shows three vertical sections: an exterior wall, a stud wall, and another stud wall. The exterior wall is shown with a cross-hatched pattern. The stud wall is shown with a diagonal hatched pattern. The dimension string is a horizontal line with arrows pointing to the faces of the walls. The labels are: "FACE OF EXTERIOR WALL" (pointing to the left face of the exterior wall), "FACE OF OUTSIDE WALL TO FACE OF STUD WALL" (spanning the gap between the exterior wall and the first stud wall), and "FACE OF STUD TO FACE OF STUD" (spanning the gap between the first and second stud walls). The dimension string is divided into three segments by the faces of the walls. The first segment is labeled "1/2\"


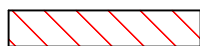

$$\overline{1/4'' = 1'-0''}$$
$$\overline{1/4'' = 1'-0''}$$

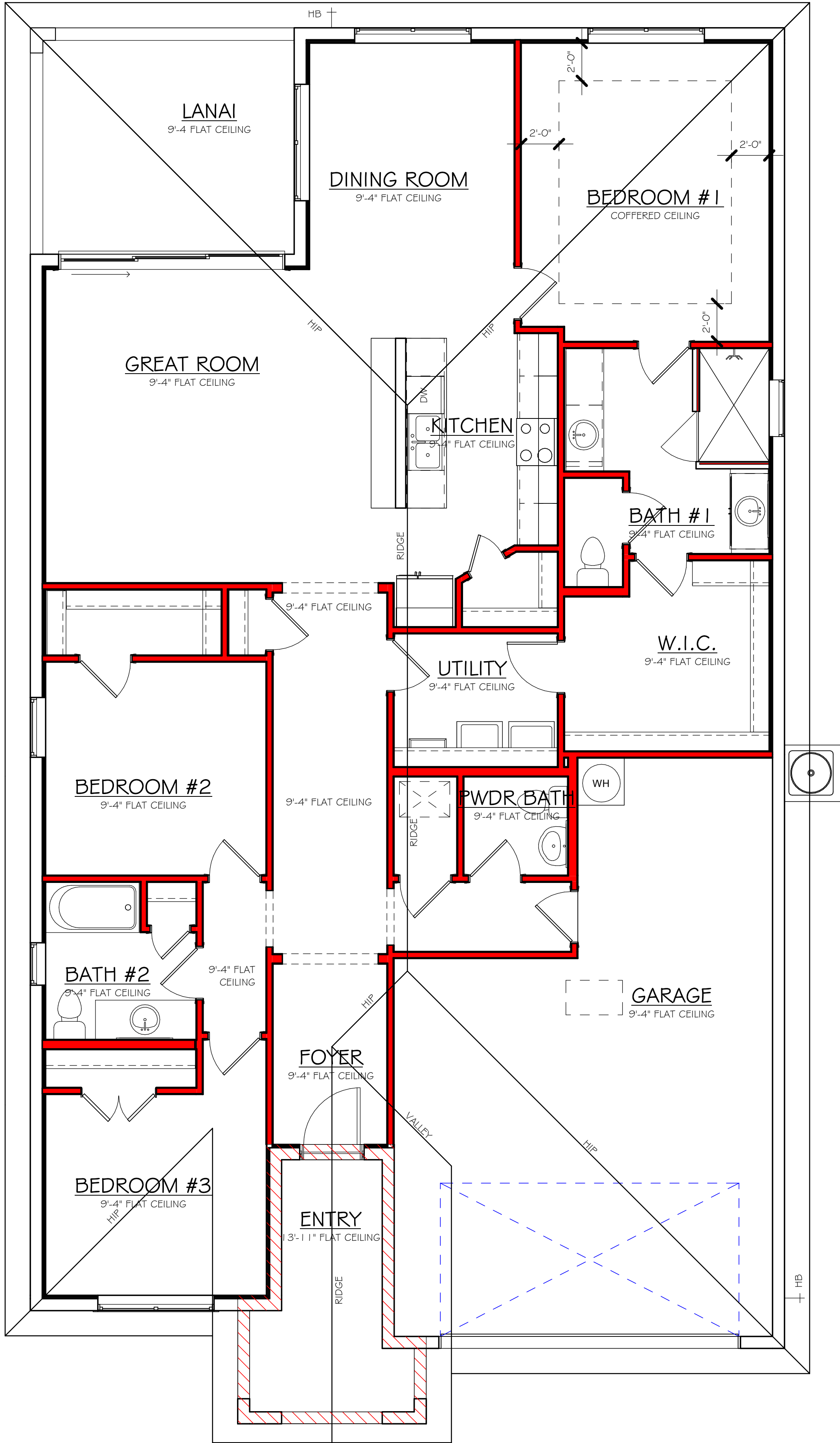
DESIGN IN ACCORDANCE WITH THE RESIDENTIAL
FLORIDA BUILDING CODE 2020 - 7TH EDITION

L:\O-New Data\1 -MASTER 2019\2019-BUILDERS\DR HORTON
2019\SUBDIVISIONS\MAGNOLIA 505\13705 LOT 58 1962 BRREVIT\13705 1962 BR.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/150	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%
			"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  LOMANCO 770-D 0.97 SQ. FT. FREE AIR		

BEARING HEIGHT	
	= BEARING @ 9'-4"
	= BEARING @ 13'-1 1/2"

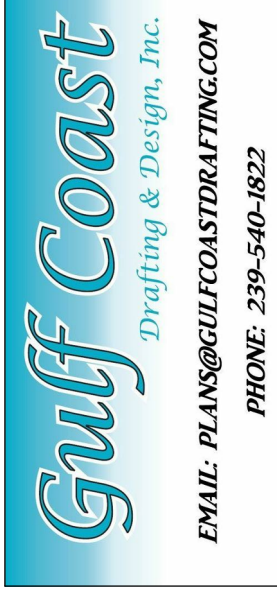


ROOF PLAN
1/4" = 1'-0"

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: 239-540-1823
1515 SE 47th ST. CAPE CORAL, FL 33904

LOT: 58
SUBDIVISION: MAGNOLIA III 50s
ADDRS: 3808 CROSSWATER DRIVE
D.R.H. #: 5799G0058

MODEL
1962 B
GCD JOB # 13705

DATE:
10/26/21

DRAWN BY:
CWL

CHECKED BY:
JWC

REVISED:

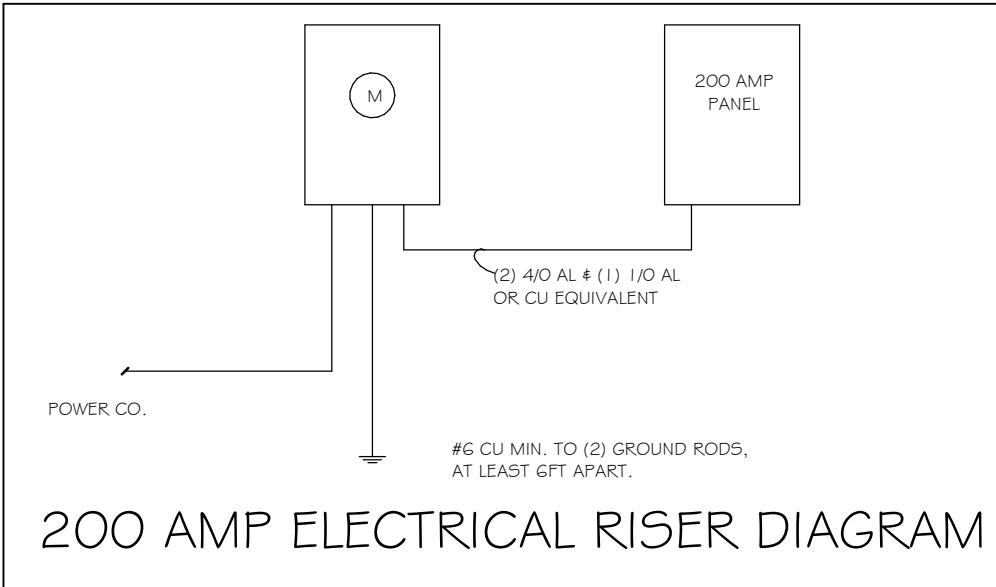
PLAN:
ROOF

SCALE:
As indicated

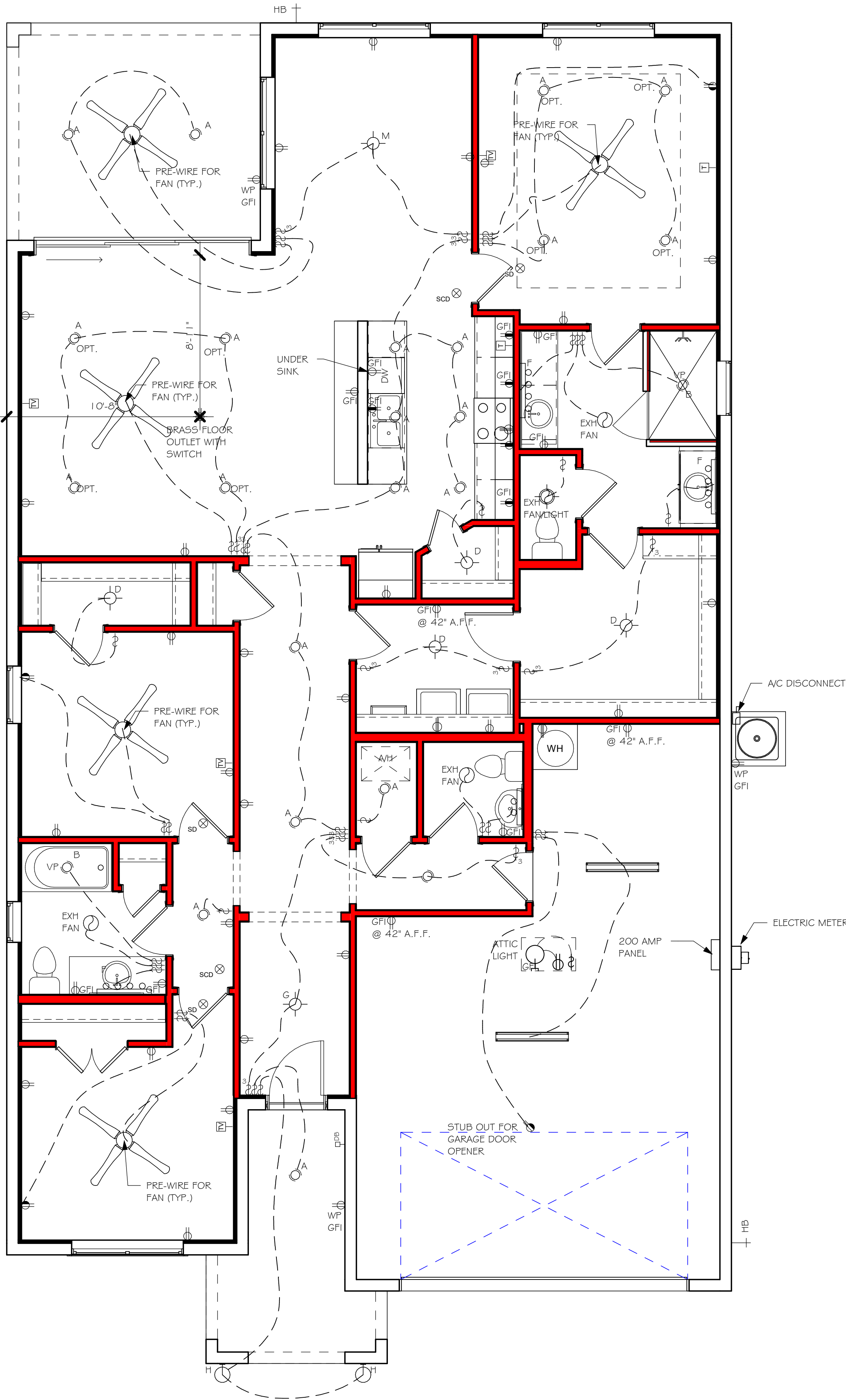
A-4

L:\0-New Data\1 - MASTER 2019\2019-BUILDERS\DR HORTON
2019\SUBDIVISIONS\MAGNOLIA 505\13705 LOT 5& 1962 BRREVIT\13705 1962 BR.vcf

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	

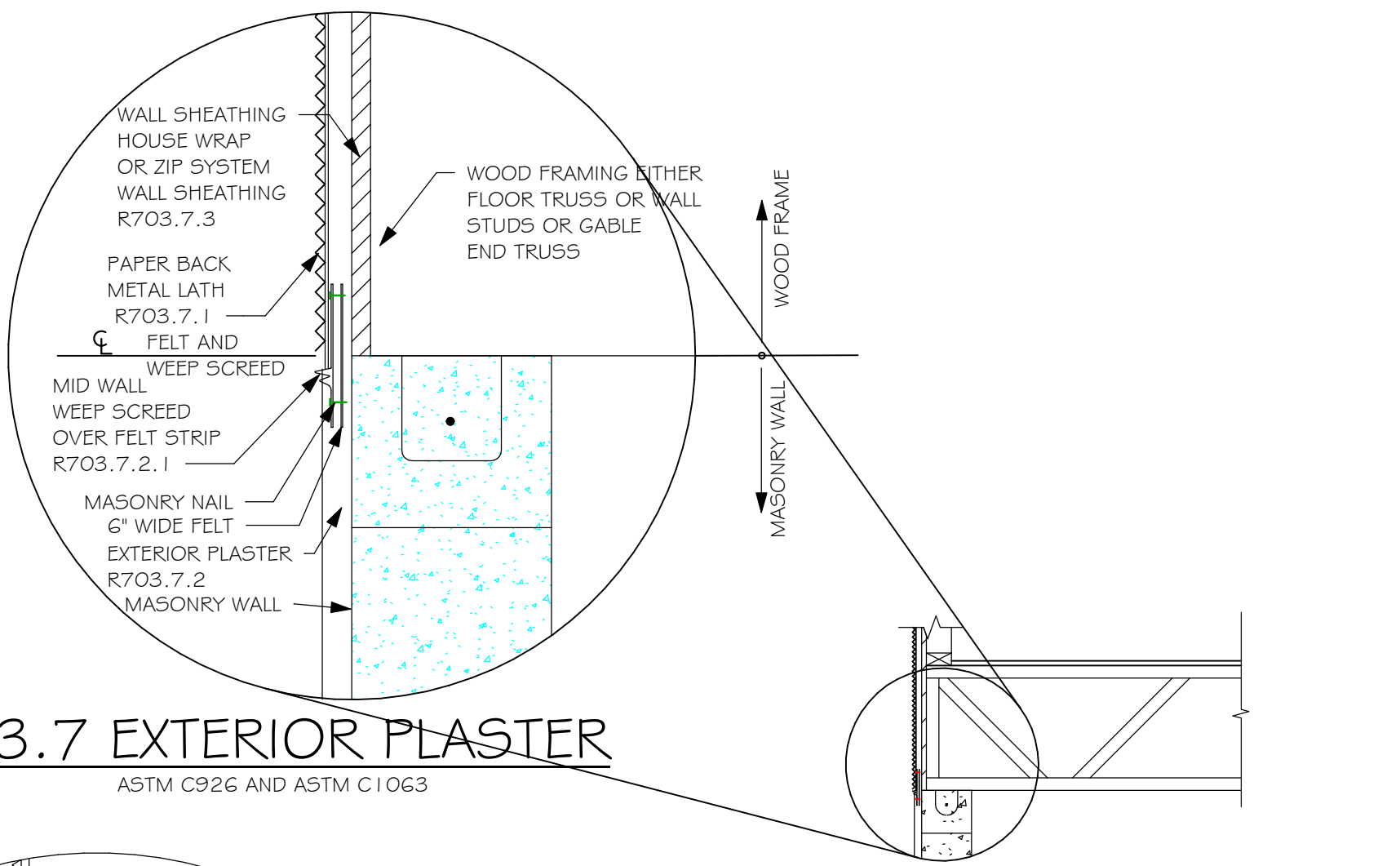


ELECTRICAL PLAN 1962 "B"		
200 AMP SERVICE		
TAG	QUANTITY	PRODUCT
A	(37)	(FLUSH MOUNTED LT)
B	(3)	(VAPORS)
C	(5)	(PENDANT LIGHT
D	(X)	(10" MUSHROOMS)
E	(5)	(24" 3 LT)
F	(X)	(36" 4 LT)
G	(X)	(NOT USED)
H	(3)	(COACH LIGHTS)
I	(X)	(COACH LIGHTS)
J	(1)	(J BOX)
K	(4)	(4' FLUORESCENT)
L	(3)	(2' FLUORESCENT)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

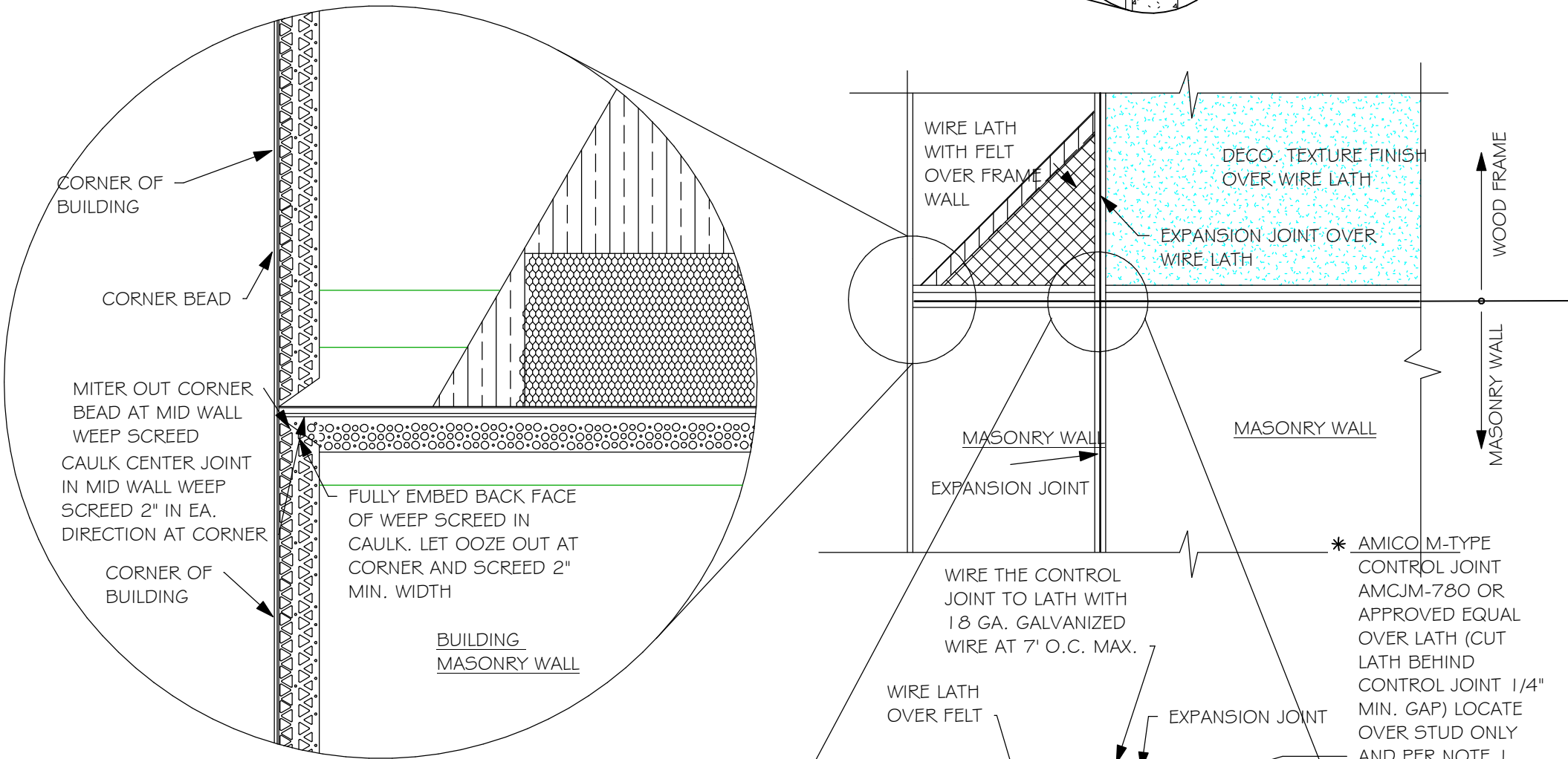


DESIGN IN ACCORDANCE WITH THE RESIDENTIAL
FLORIDA BUILDING CODE 2020 - 7TH EDITION

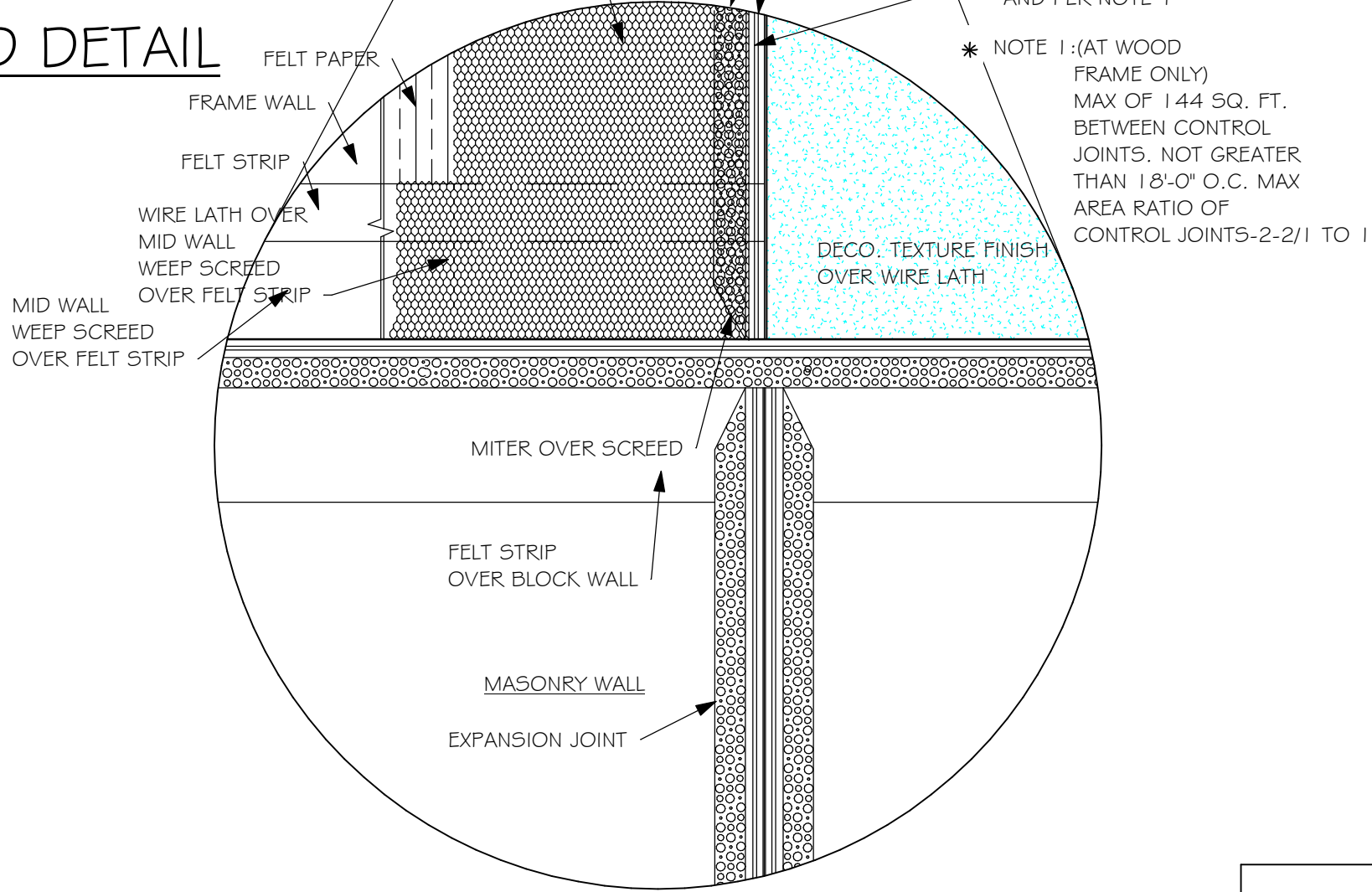
L:\O-New Data\1 - MASTER 2019\2019-BUILDERS\DR HORTON
2019\SUBDIVISIONS\MAGNOLIA 505\13705 LOT 58 1962 BR\REVIT\13705 1962 BR.rvt



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

1. 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.
2. THE CONTRACTOR SHALL SUPPLY, LOCATE AND BUILD INTO THE WORK ALL INSERTS, ANCHORS, ANGLES, PLATES, OPENINGS, SLEEVES, HANGERS, SLAB DEPRESSIONS AND PITCHES AS MAY BE REQUIRED TO ATTACH AND ACCOMMODATE OTHER WORK.
3. 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.
4. SUBSURFACE SOIL CONDITION INFORMATION IS NOT AVAILABLE FOUNDATIONS ARE DESIGNED FOR A SOIL BEARING CAPACITY OF 2,000 PSF. THE CONTRACTOR SHALL REPORT ANY DIFFERING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK.
5. 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.
6. 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 MANUFACTURER'S 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 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.
7. 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.
8. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S 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.
9. 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
10. 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.

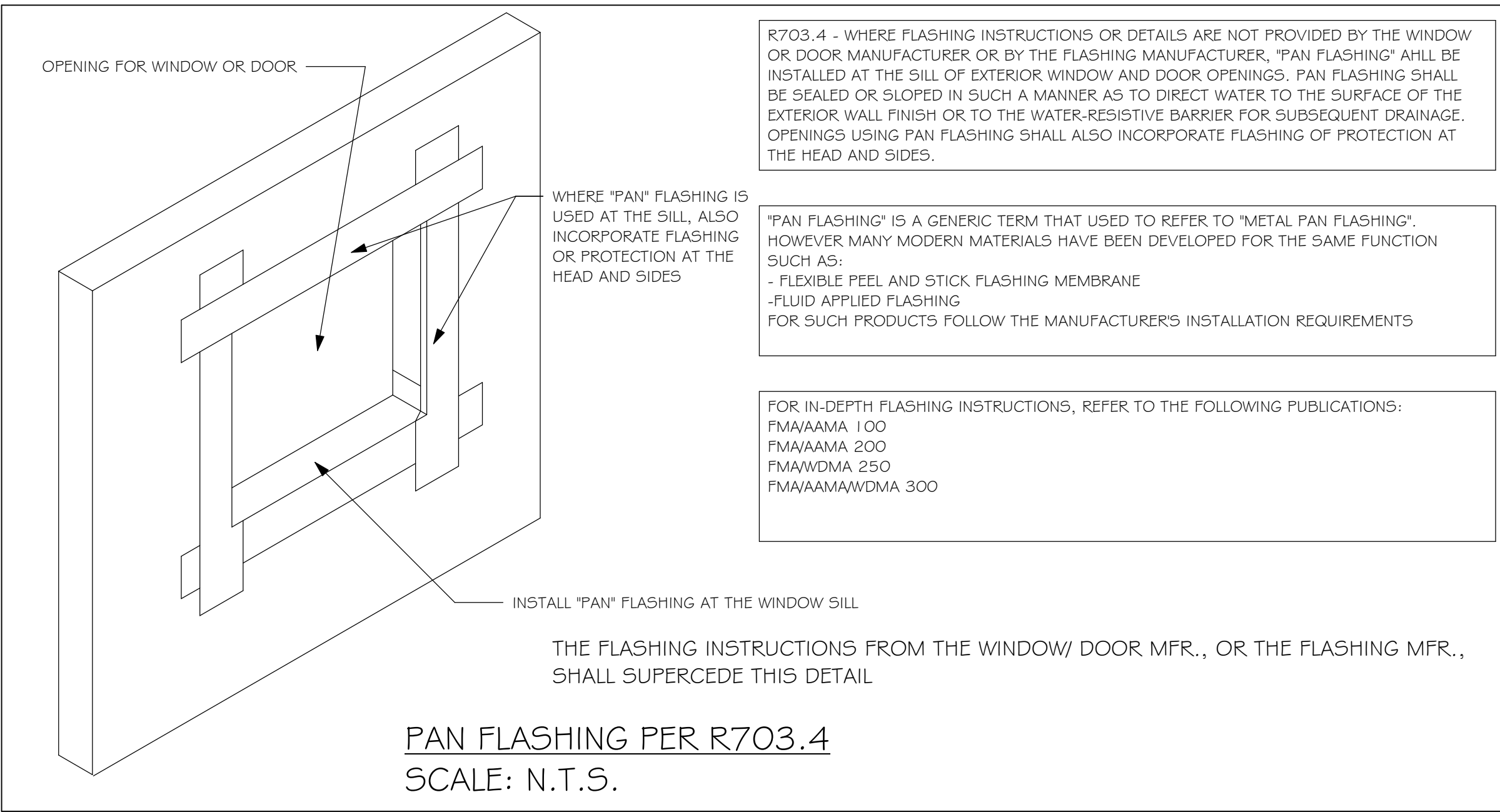
2

GENERAL ROOF ASSEMBLY

ROOF SHEATHING FBCR R903.2.2
SHALL BE 1/2" APA 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 "T" CLIPS AT UNSUPPORTED PANEL EDGES. THE ROOF SHEATHING SHALL BE NAILED WITH 2 1/2" x 0.131 OR 3" x 0.120 RING SHANK NAILS @ 6" O.C. EDGE AND 6" O.C. FIELD. FOR WIND SPEED/EXPOSURE 160/B, 160/C AND 170/B, FOR 170/C, 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 MANUFACTURER'S 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.



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

3

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 3452, AND SHALL BE SECURED TO THE ROOF WITH NO LESS THAN 6 FASTENERS PER SHINGLE STRIP, OR A MINIMUM OF 2 FASTENERS PER SHINGLE TAB, AND SHALL IN NO CASE BE FASTENED WITH LESS FASTENERS THAN THAT REQUIRED BY THE MANUFACTURE. INSTALLATION SHALL COMPLY WITH MANUFACTURER'S REQUIREMENTS FOR INSTALLATION IN THE GIVEN FLORIDA WIND ZONE, AS DETERMINED BY ASTM D 3161.

FASTENERS
FASTENERS FOR ASPHALT SHINGLES SHALL COMPLY WITH ASTM F 1667, AND SHALL BE MADE WITH GALVANIZED STEEL, STAINLESS STEEL OR ALUMINUM WITH A MINIMUM SHANK SIZE OF 12 GAUGE (0.105") WITH A MINIMUM 3/8" DIAMETER HEAD SHANK AND SHALL BE A LENGTH TO PENETRATE THE SHEATHING

THE NAIL COMPONENT OF PLASTIC CAP NAILS SHALL MEET OR EXCEED THE REQUIREMENTS OF ASTM A 641, CLASS 1, OR EQUAL, AND SHALL BE CORROSION RESISTANT BY ELECTRO GALVANIZATION, MECHANICAL GALVANIZATION, HOT DIPPED GALVANIZATION OR SHALL BE MADE OF STAINLESS STEEL, NON-FERROUS METAL

4

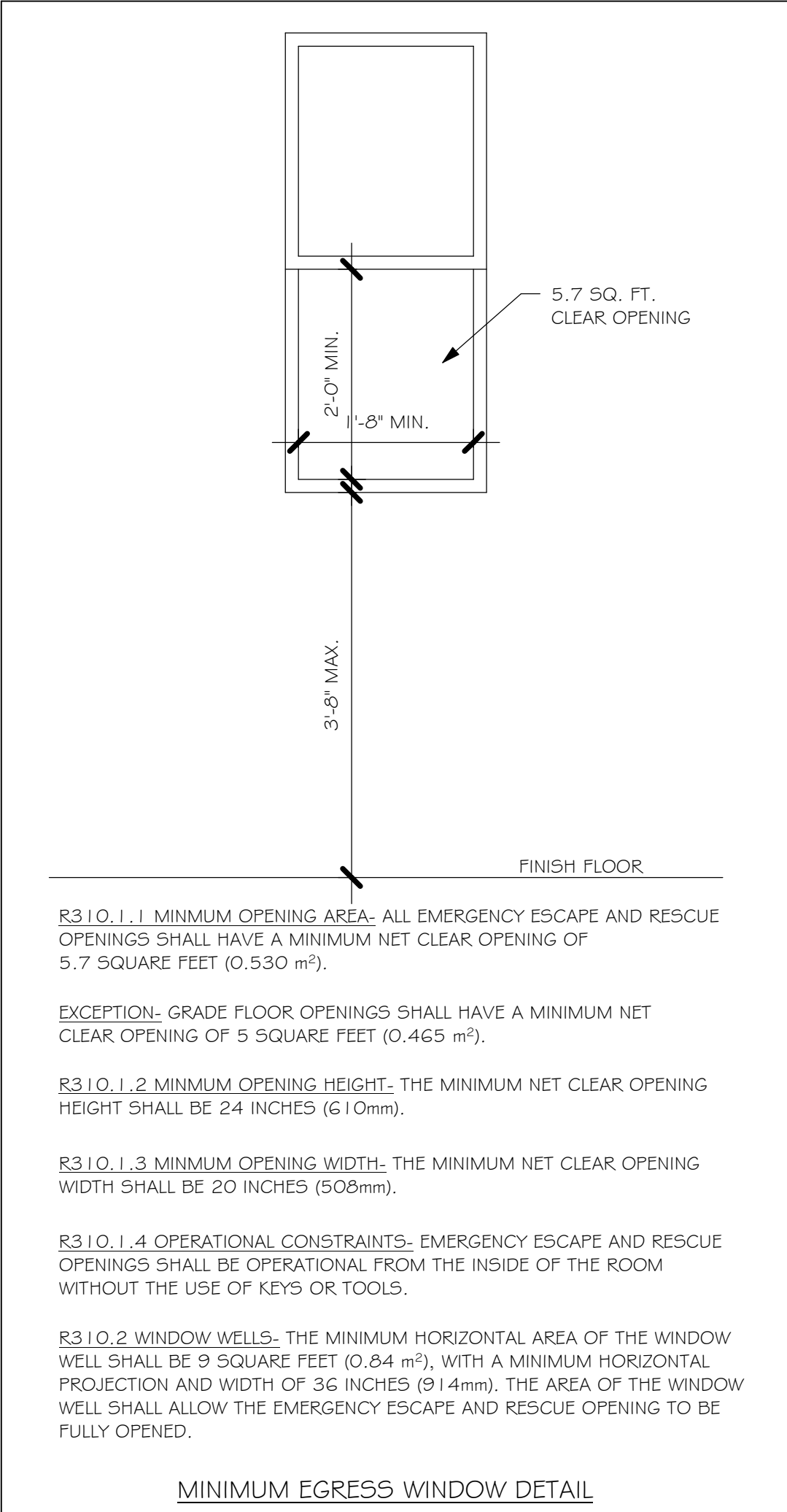
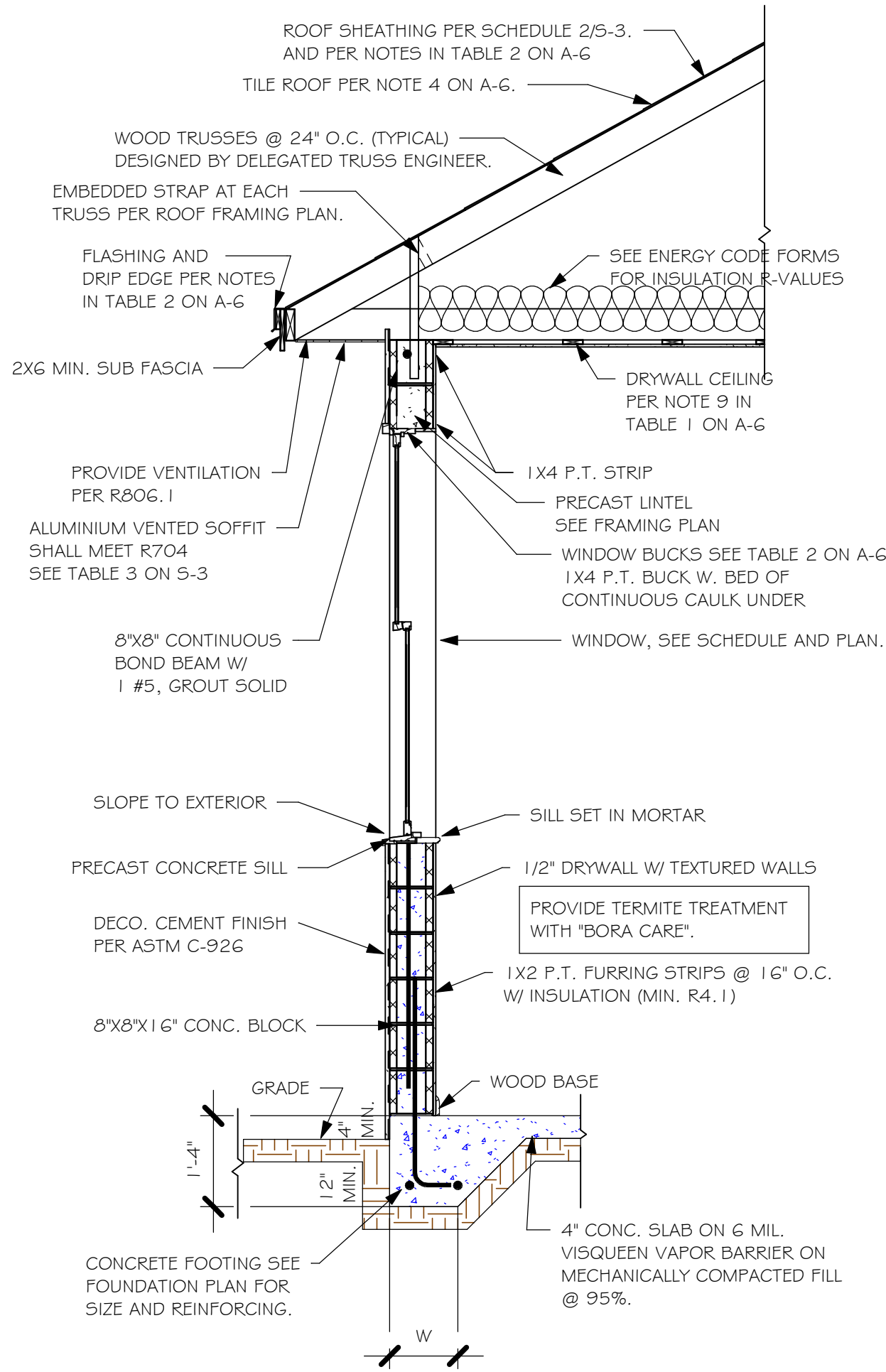
CLAY AND CONCRETE ROOF TILE SPECS

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 MANUFACTURER'S IDENTIFICATION MARK.

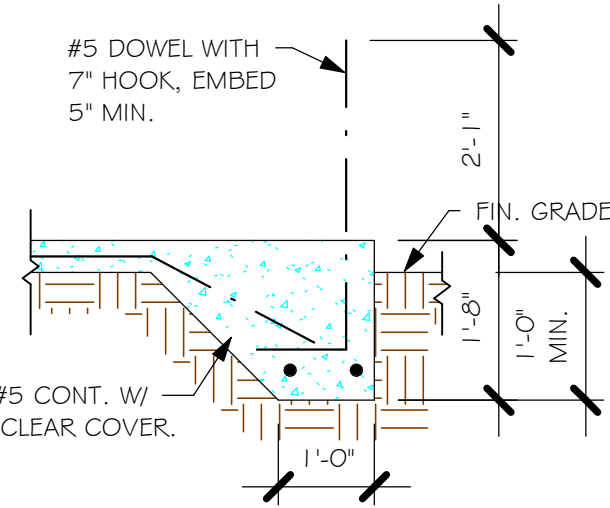
APPLICATION SPECIFICATIONS: THE TILE MANUFACTURER'S WRITTEN APPLICATION SPECIFICATIONS SHALL BE AVAILABLE AND SHALL INCLUDED BUT NOT BE LIMITED TO THE FOLLOWING:

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.

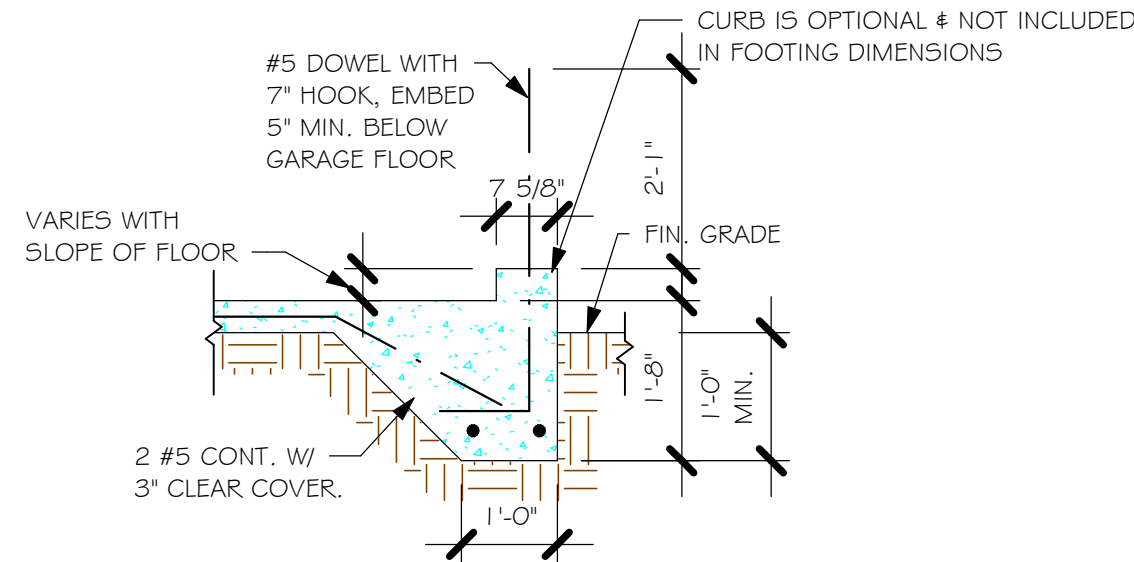


DESIGN IN ACCORDANCE WITH THE RESIDENTIAL
FLORIDA BUILDING CODE 2020 - 7TH EDITION

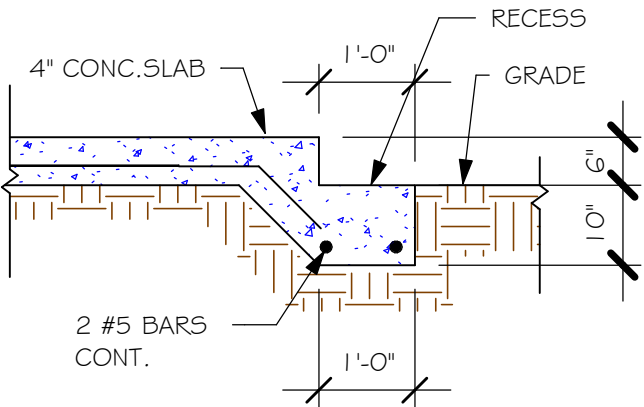
Y:\0-New Data\1-MASTER 2019\2019-BUILDERS\DR HORTON
2019\5\BID\DIVISIONS\MAGNOLIA 505\13705 LOT 5-B 1962 BR\REVIT\13705 1962 BR.vcf



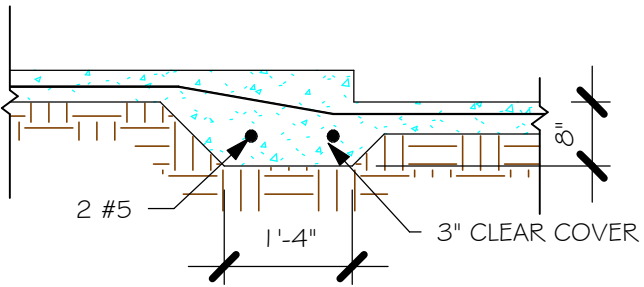
"F3" FOOTING
1/2" = 1'-0"



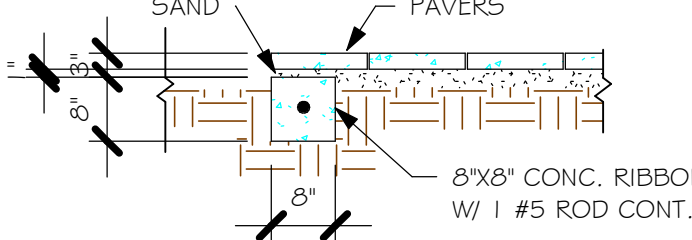
"F3" WITH CURB AT GARAGE
1/2" = 1'-0"



"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
	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/S-3

ADD CURB TO GARAGE, SEE DETAIL.

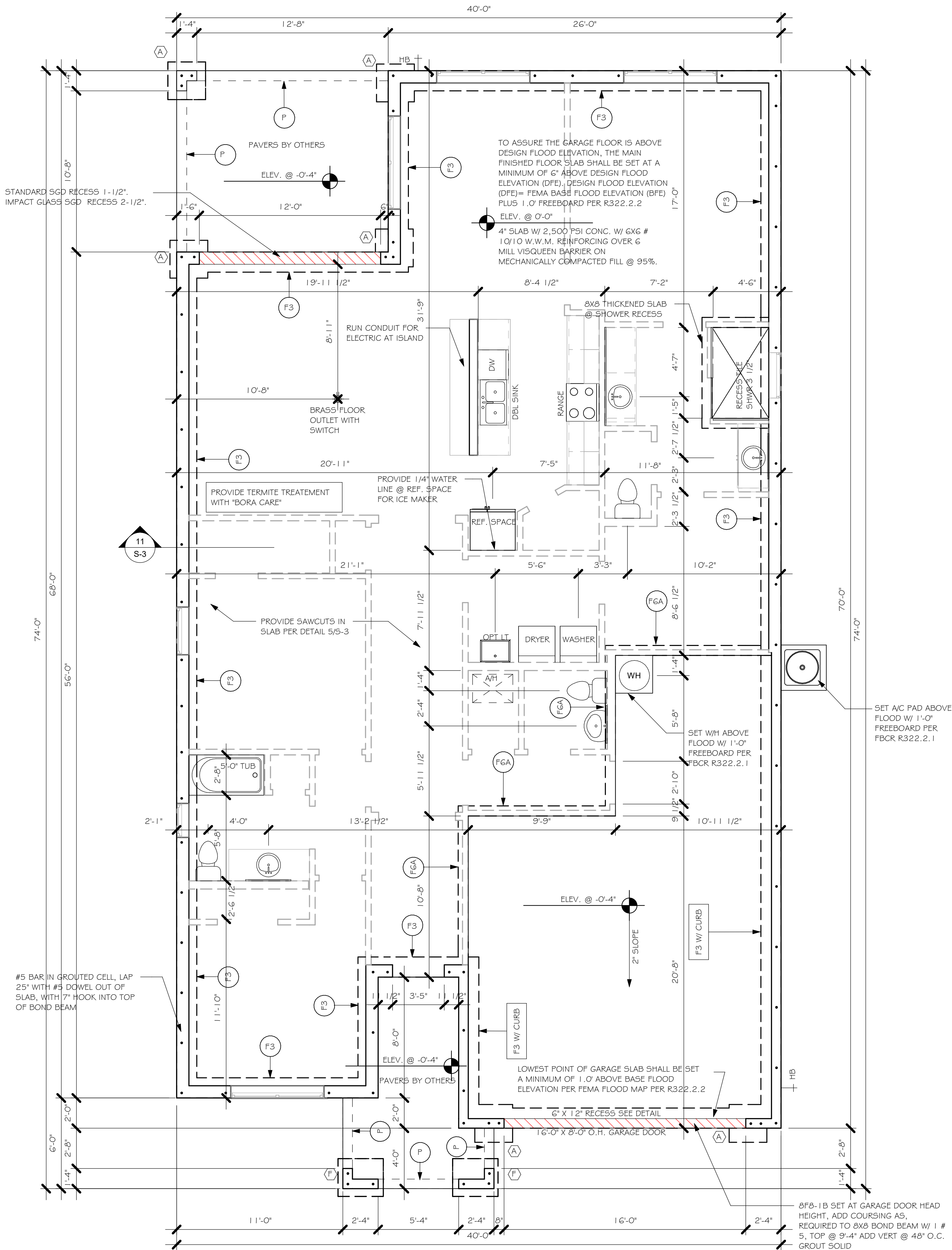
USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REIN.		REMARKS
					LONG WAY	SHORT WAY	
X	A	2'-6"	2'-6"	1'-0"	3-#5	3-#5	-
	B	3'-0"	3'-0"	1'-0"	4-#5	4-#5	-
	C	3'-6"	3'-6"	1'-0"	4-#5	4-#5	-
	D	4'-0"	4'-0"	1'-2"	5-#5	5-#5	-
	E	5'-0"	5'-0"	1'-2"	6-#5	6-#5	-
X	F	3'-0"	2'-6"	1'-0"	3-#5	4-#5	-

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/S-3.



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

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

Y:\O-New Data\1-MASTER 2019\2019-BUILDERS\DR HORTON
2019\5\BUDIVISIONS\MAGNOLIA 505\13705 LOT 56 1962 BRREVIT\13705 1962 BR.rvt

TRUSS STRAPPING TO MASONRY		
MAX TRUSS UPLIFT (LBS)	STRAP/ANCHOR Valid lengths x/w	FASTENER
1450 (1 PLY) 1810 (1 PLY) 1875 (1 PLY) 1920 (1 PLY) 2120 (1 PLY) 1795 (2 OR 3 PLY) 2365 (2 OR 3 PLY) 3965 /DF /SP (2 PLY) 3000 /DF /SP (1 PLY 2x4) 4455 /DF /SP (1 PLY 2x6) 4235 /DF /SP (2 PLY 2x4) 4555 /DF /SP (1 PLY 2x6) 4670 /DF /SP (2 PLY 2x4) 5445 /DF /SP (2 PLY 2x4) 10690 /DF /SP (2 PLY) 10790 /SP (3PLY)	(1) META1 G/1 Ø/20 (1) META1 G/20 (2) META1 G/1 Ø/20 (2) META1 G/20 (2) HHETA1 G/20 (2) META1 G/1 Ø/20 (2) META1 G/20 MGT HTT4 HTT4 HTT4 HTT5 HTT5 HTT5KT (1)HGT - 2 (1)HGT - 3	(Ø) Ø.14Øx1-1/2", EMBED 4" (Ø) Ø.14Øx1-1/2", EMBED 4" (1Ø) Ø.14Øx1-1/2", EMBED 4" (1Ø) Ø.14Øx1-1/2", EMBED 4" (1Ø) Ø.14Øx1-1/2", EMBED 4" (14) Ø.162x3-1/2", EMBED 4" (12) Ø.162x3-1/2", EMBED 4" (22) Ø14Øx3" ATR, EPOXY 12" (18) Ø.14Øx1-1/2", 5/8" ATR, EPOXY 12" (18) SD#10x1-1/2", 5/8" ATR, EPOXY 12" (18) Ø.162x2-1/2", 5/8" ATR, EPOXY 12" (26) SD#10x1-1/2", 5/8" ATR, EPOXY 12" (26) Ø.14Øx3", 5/8" ATR, EPOXY 12" (26) SD#10x2-1/2", 5/8" ATR, EPOXY 18" (16) Ø.14Øx3", (2) 3/4" ATR, EPOXY 12" (16) Ø.14Øx3", (2) 3/4" ATR, EPOXY 12"

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. 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 10/5-3. PER UPLIFT IN TRUSS ENGINEERING.

SIMPSON CATALOG C-C. 2019

TRUSS STRAPPING TO STUDWALL/ WOOD BEAM		
MAX TRUSS UPLIFT (LBS)	STRAP(S) Valid lengths x/w	FASTENER
850 1700 2550	(1)MTS1 G/20/30 (2) MTS1 G/20/30 (3) MTS1 G/20/30	(14) Ø.14Øx1-1/2" or 3" EACH STRAP
1125 2250 3375 4500	(1) HTS20/24/30 (2) HTS20/24/30 (3) HTS20/24/30 (4) HTS20/24/30	(24) Ø.14Øx1-1/2" OR (20) Ø.14Øx3" EACH STRAP

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 VALID 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.

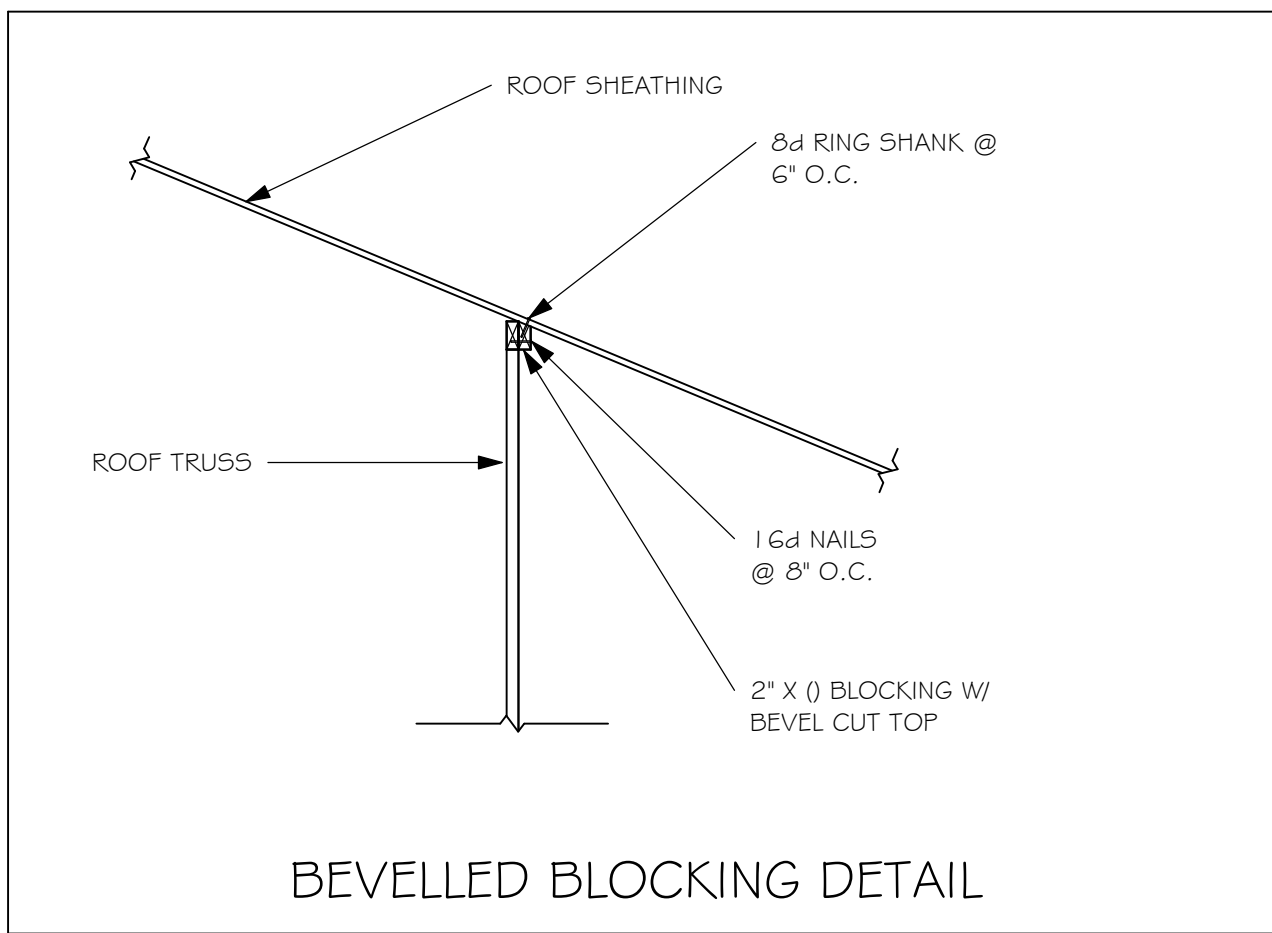
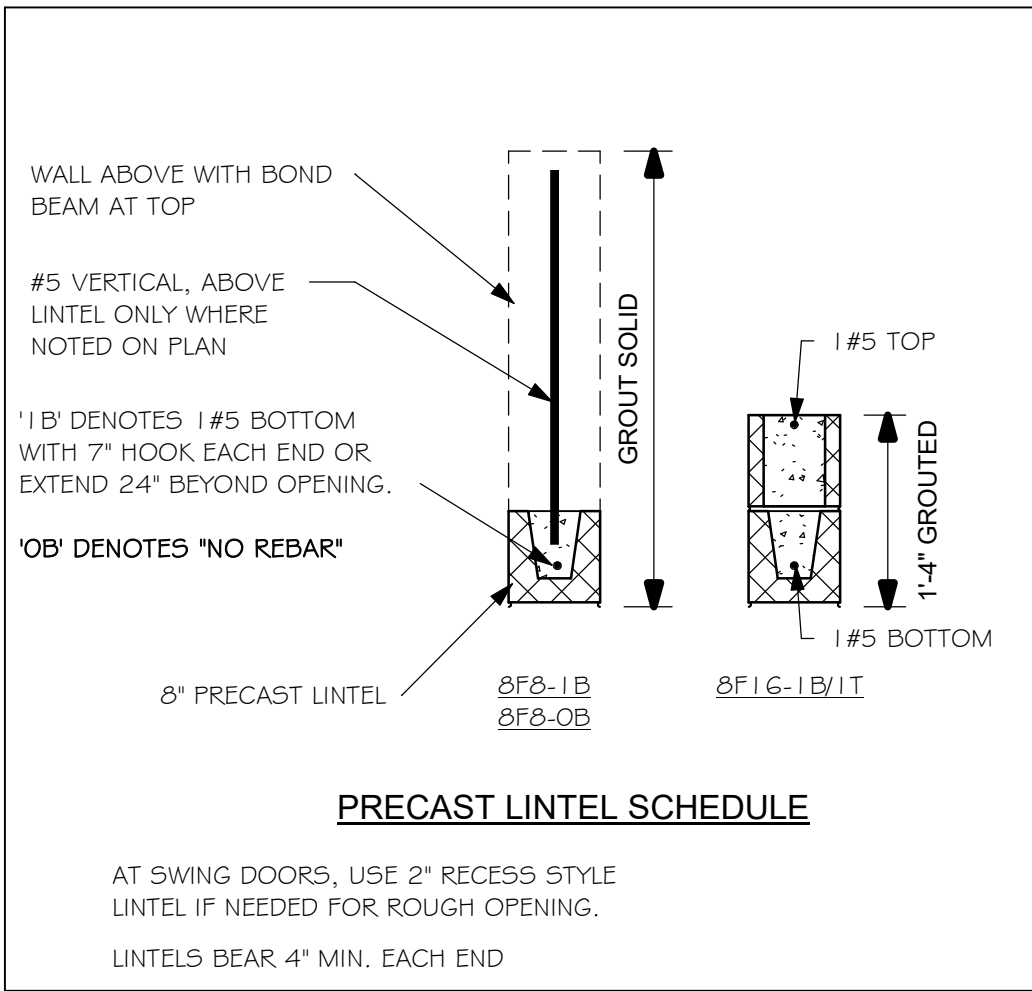
SIMPSON CATALOG C-C. 2019

PLAN NOTES:

1. ROOF AND FLOOR TRUSS BEARING ELEVATION VARIES, SEE LEGEND.
2. ROOF AND FLOOR FRAMING SHALL BE WOOD TRUSSES DESIGNED BY A DELEGATED TRUSS ENGINEER PER DESIGN CRITERIA ON SHEET S-3.
3. PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS SHEET.
4. FOR NAILING OF ROOF AND FLOOR DECK, SEE 1 AND 2 ON S-3.
5. [ØF8-1B] etc., DENOTES PRECAST LINTEL ABOVE DOOR/WINDOW OPENING PER SCHEDULE THIS SHEET.
6. AT TRUSS BEARING, PROVIDE ØxØ MASONRY BOND BEAM W/ 1 #5 CONTINUOUS. SEE DETAIL 11/5-3.
7. "SW" DENOTES PLYWOOD SHEARWALL PER SCHEDULE THIS SHEET.

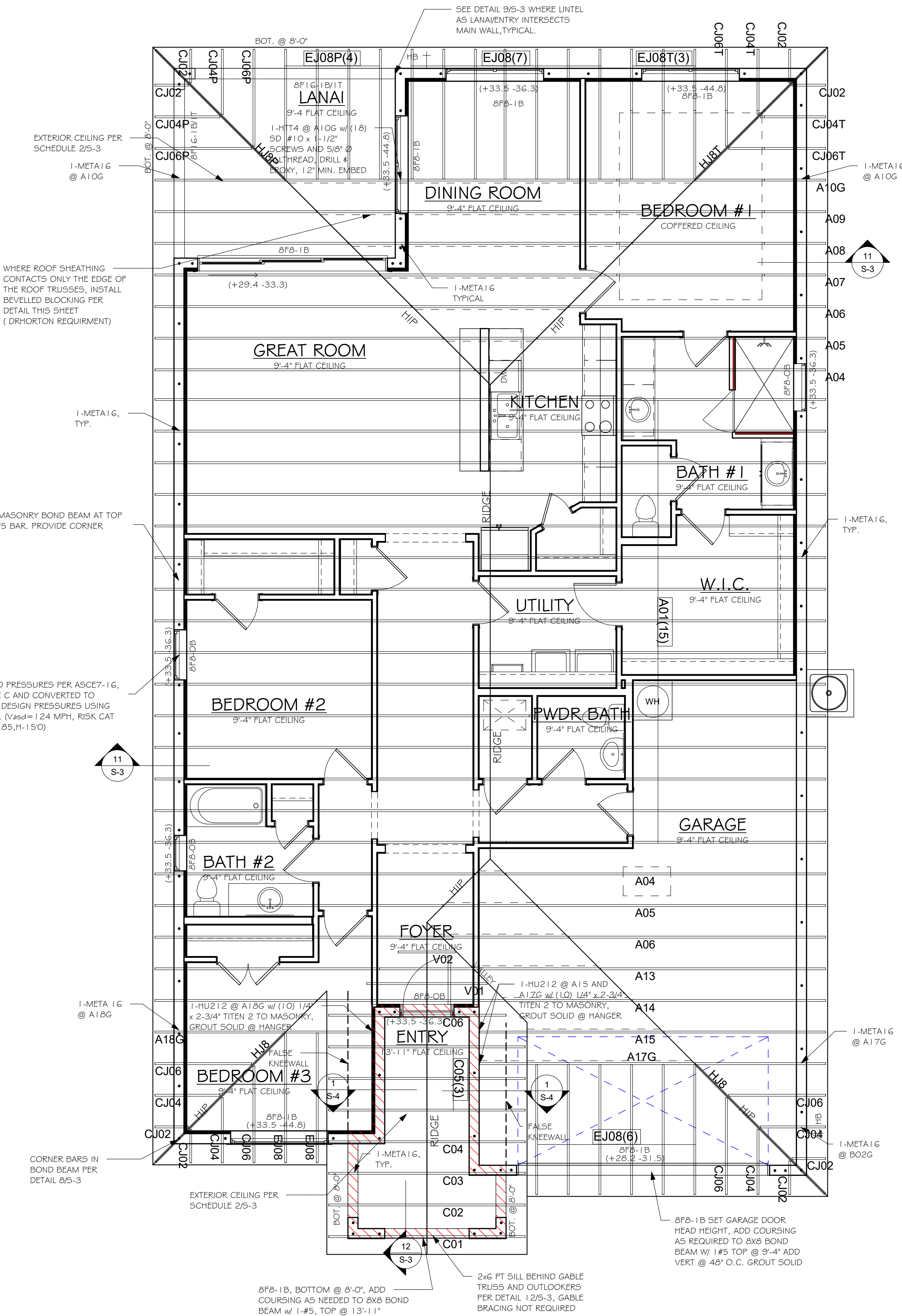
BEARING HEIGHT

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



TRUSS BEARING CONDITIONS AND STRAPPING IS BASED ON TRUSS LAYOUT PREPARED BY AMERICAN BUILDER SUPPLY JOB# M2001623-20BX DATED 12/07/20
REVISED: NONE

(+33.5, -36.3) WIND PRESSURES PER ASCE7-16, 160 MPH EXPOSURE C AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR. (Vasd=124 MPH, RISK CAT II, ENCLOSED, kd=0.85, H=150)



D.R.HORTON
NYSE
America's Builder

Gulf Coast
Drafting & Design, Inc.
EMAIL: PLANS@GULFCOASTDRAFTING.COM
PHONE: 239-540-8222
1515 SE 47th ST. CAPE CORAL, FL 33904

STRUCTURAL ENGINEER
OF NORTH FLORIDA
DALE E. COOPER, P.E.
FL 000090
(239) 549-4254
CA# 8867

DELETED
LICENSE
No. 58552
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

LOT: 56
SUBDIVISION: MAGNOLIA III 50s
ADDRESS: 3808 CROSSWATER DRIVE
D.R.H. #: 57999C0058

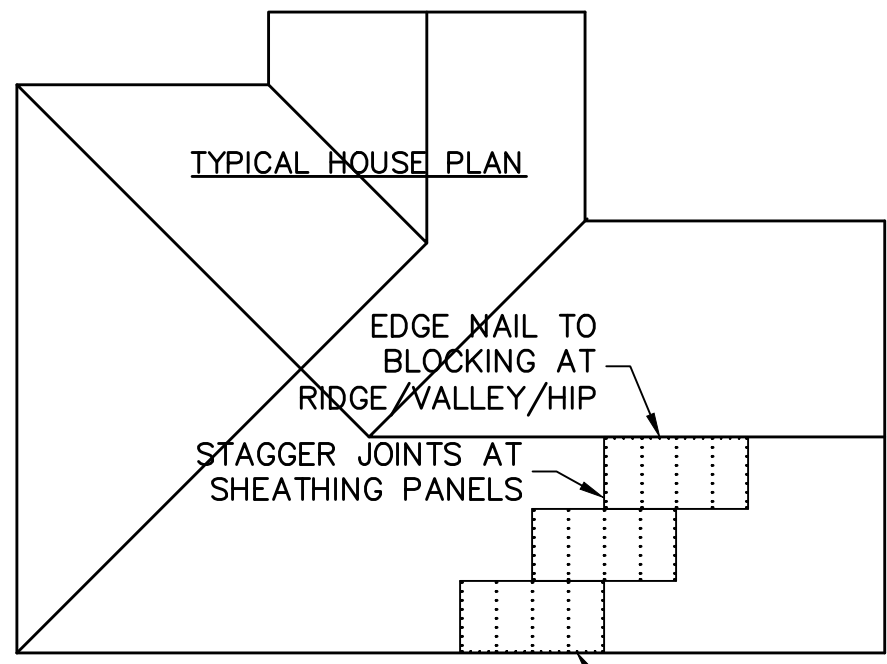
MODEL
1962 B
GCD JOB # 13705

DATE: 10/26/21
DRAWN BY: CWL
CHECKED BY: JWC
REVISED:
PLAN: ROOF FRAMING PLAN
SCALE: As indicated

S-2

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.

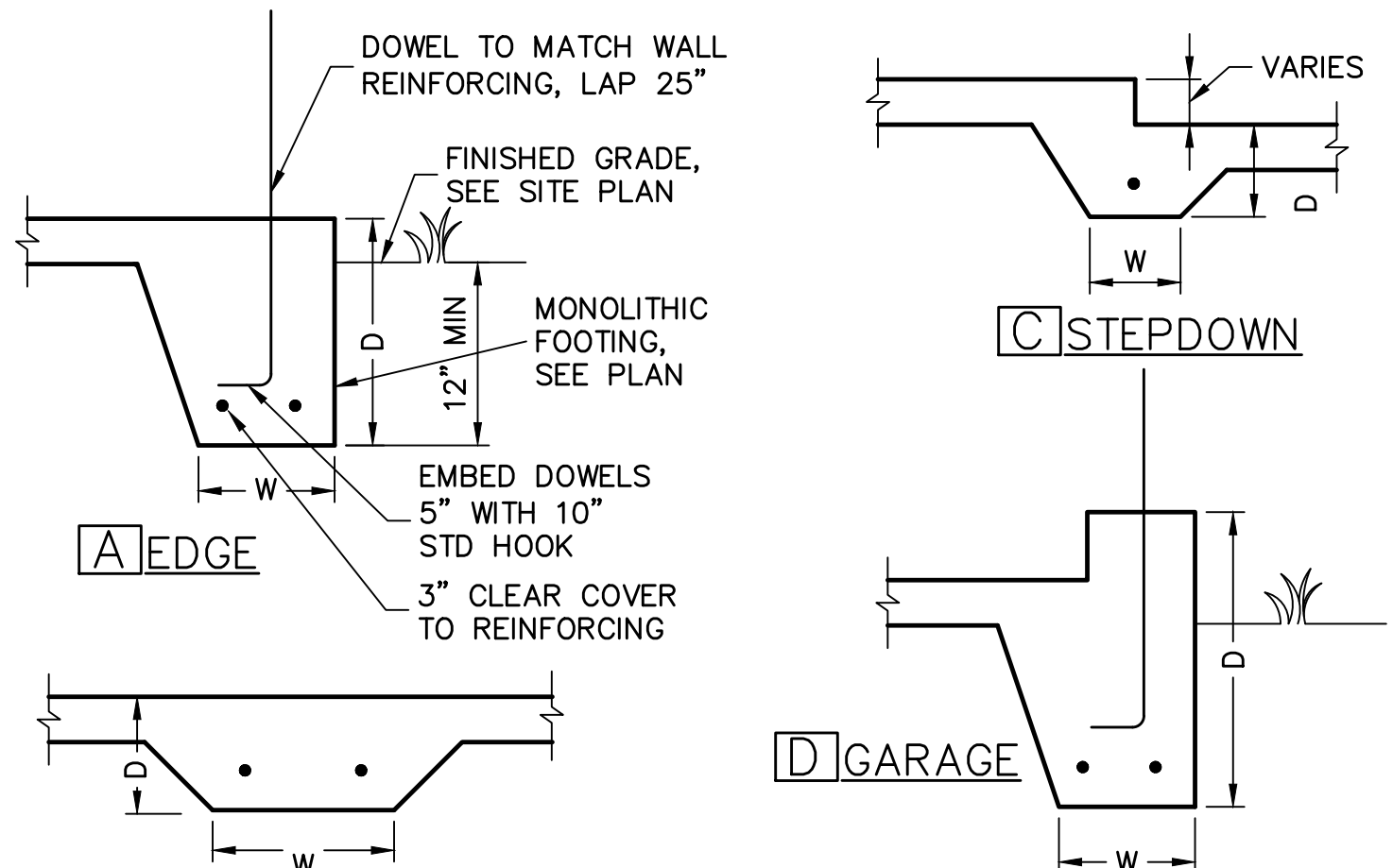


NAIL SPACING (TABLE R803.2.3.1) WIND SPEED / EXPOSURE	NAIL TYPE (SECTION R803.2.3.1) 19/32 SHEATHING
160/B, 160/C, 170/B	2 1/2" x 0.131" RING SHANK OR
NAIL SPACING:	3" x 0.120" RING SHANK
6" O.C. EDGE	(PER ASTM F1667 RSRs-03 & 04)
6" O.C. FIELD	

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)

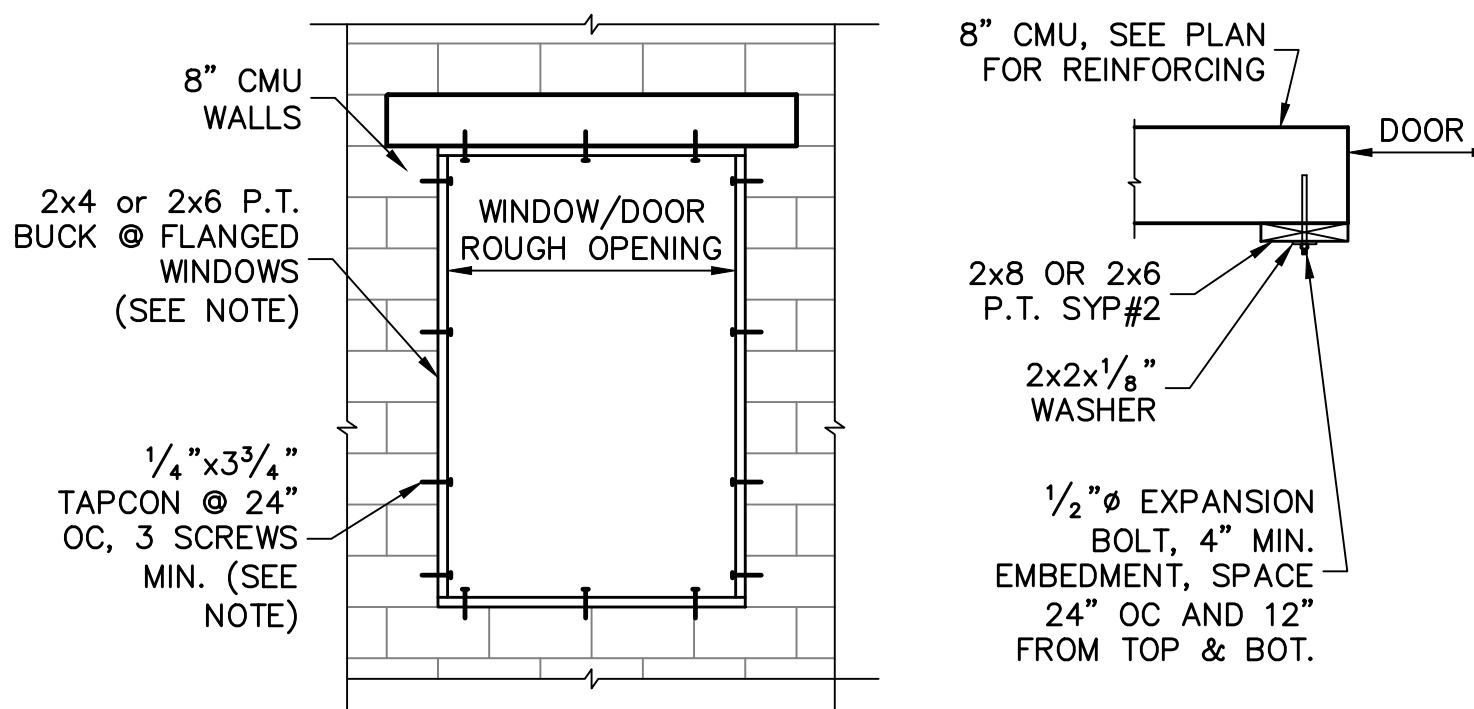
1 NAILING OF ROOF SHEATHING

SCALE: NTS



4 MONOLITHIC FOOTINGS

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



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.

7

RETROFIT STRAPS TO CONCRETE/MASONRY

TRUSS UPLIFT (LBS) @ 24" OC	CONNECTOR
TO 840	1-MTSM16 or 20
TO 1045	1-HTSM16 or 20
TO 2090	2-HTSM16 or 20
TO 4300	2-LGT2
TO 3480	HTT16
TO 10530	HGT-2/3

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.

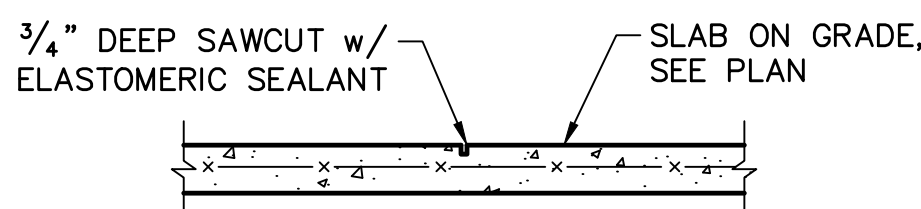
10 RETROFIT UPLIFT CONNECTOR SCHEDULE

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	1) 1x4 STRIPPING @ 16"OC w/ 2-8d NAILS TO EACH TRUSS, 3/8" EXTERIOR GYPBOARD CEILING, FASTEN W/ 8d NAILS OR 1 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 (WHEN ZIP BRAND ROOF SHEATHING IS USED, H-CLIPS ARE NOT REQUIRED)	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

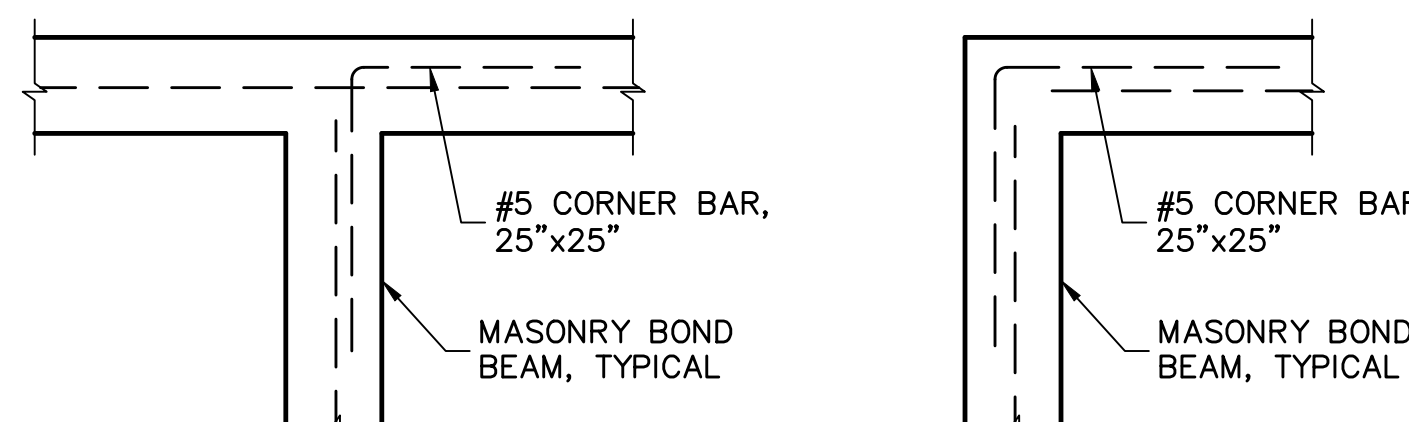
2



- 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

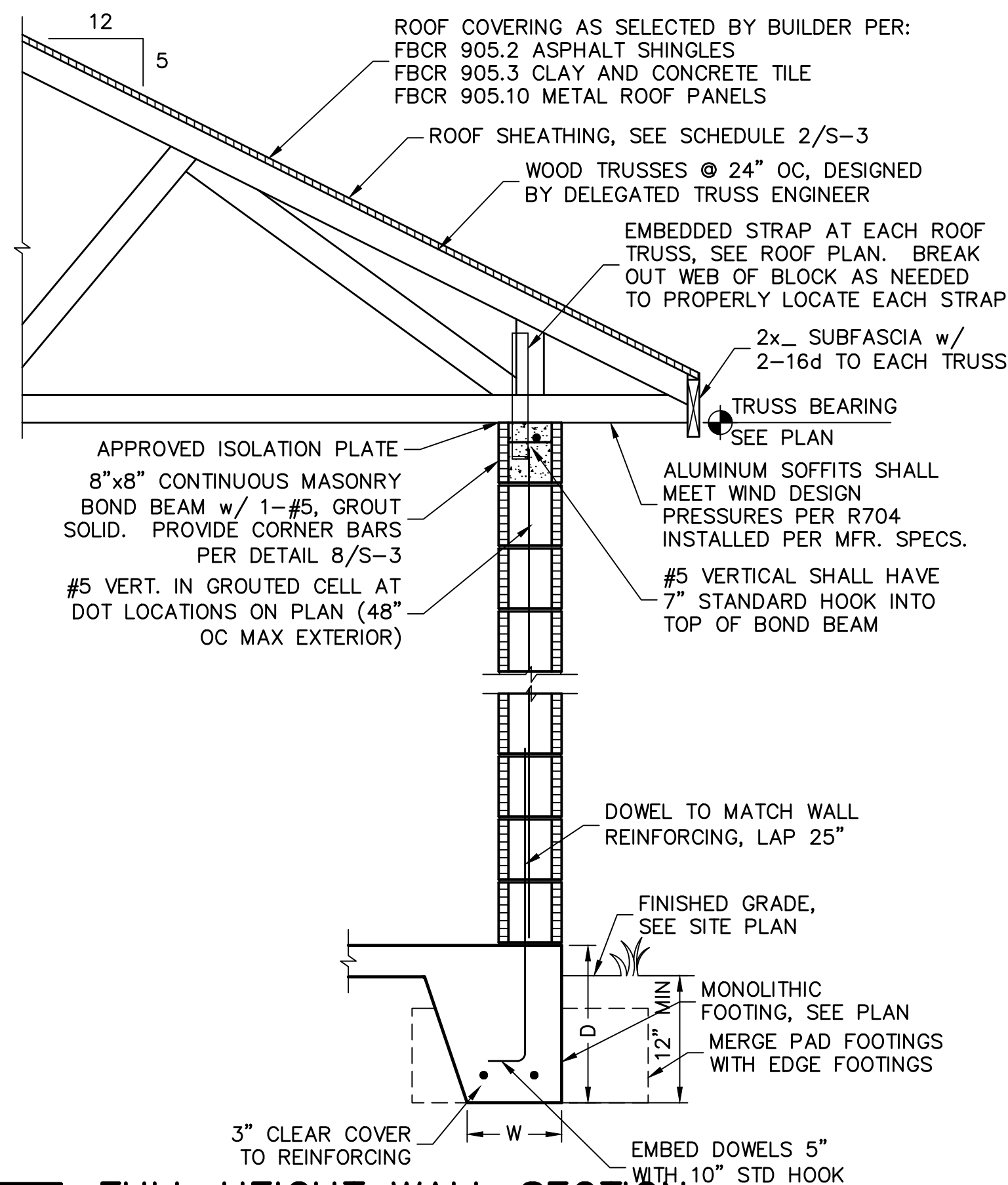


INTERSECTION

CORNER

8 CORNER BAR DETAIL IN BOND BEAMS

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



11 FULL HEIGHT WALL SECTION

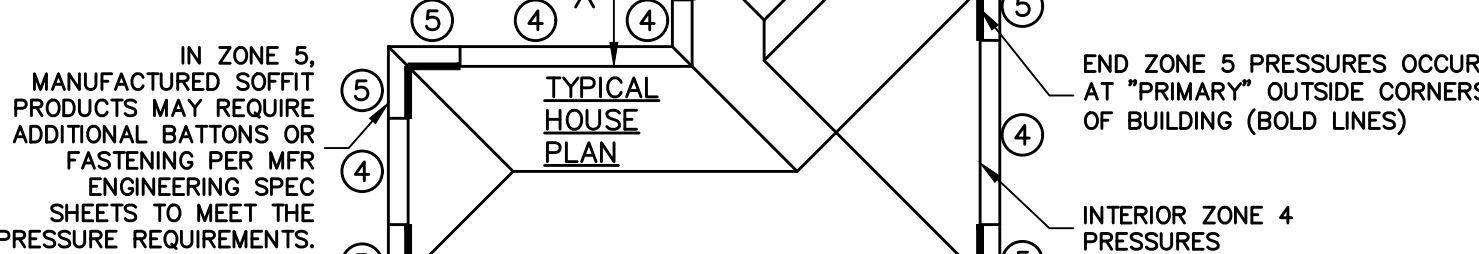
SCALE: 3/4" = 1'-0"

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		

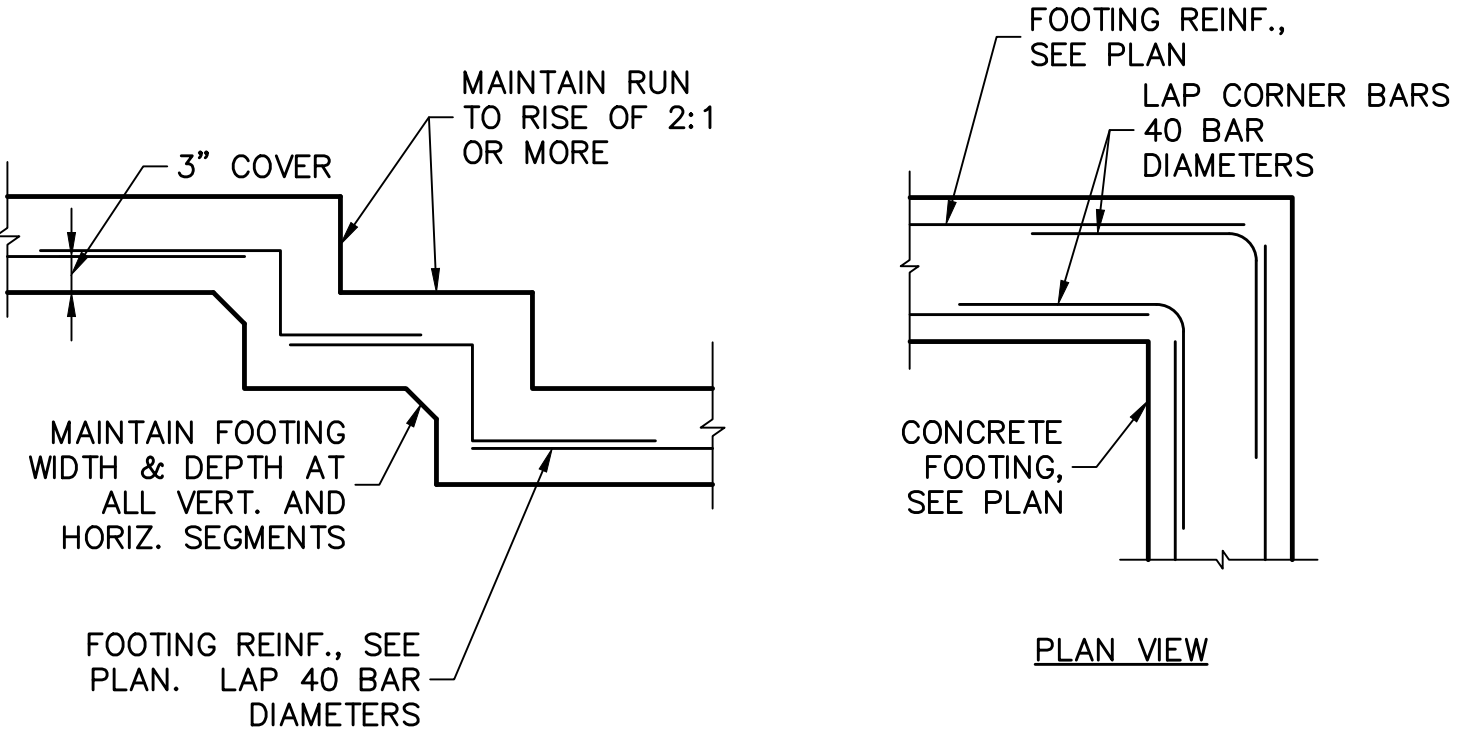
(SEE PLAN FOR OTHER SPECIFIC PRESSURES)

- 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.



3

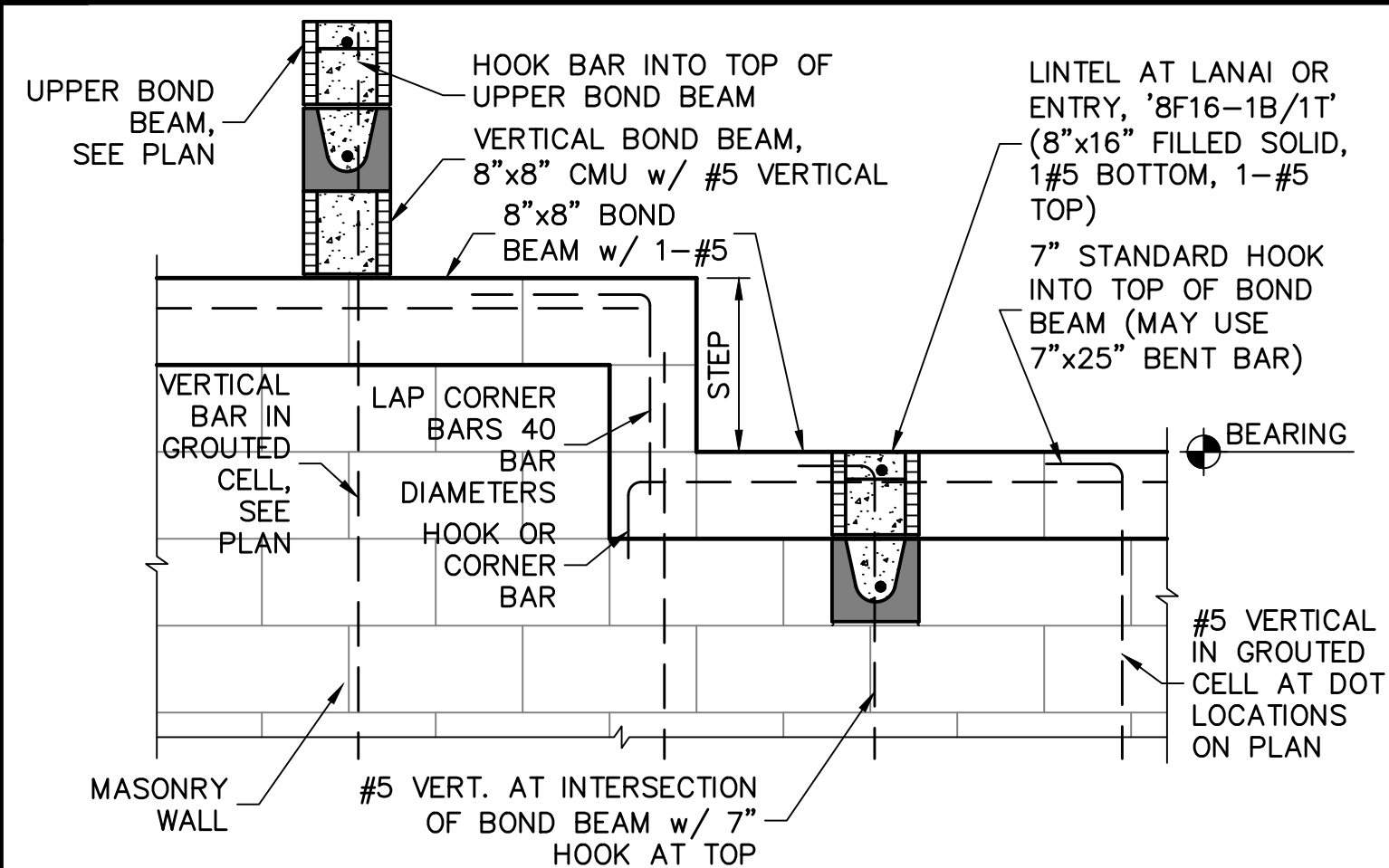


6 STEP FOOTING

SCALE: NTS

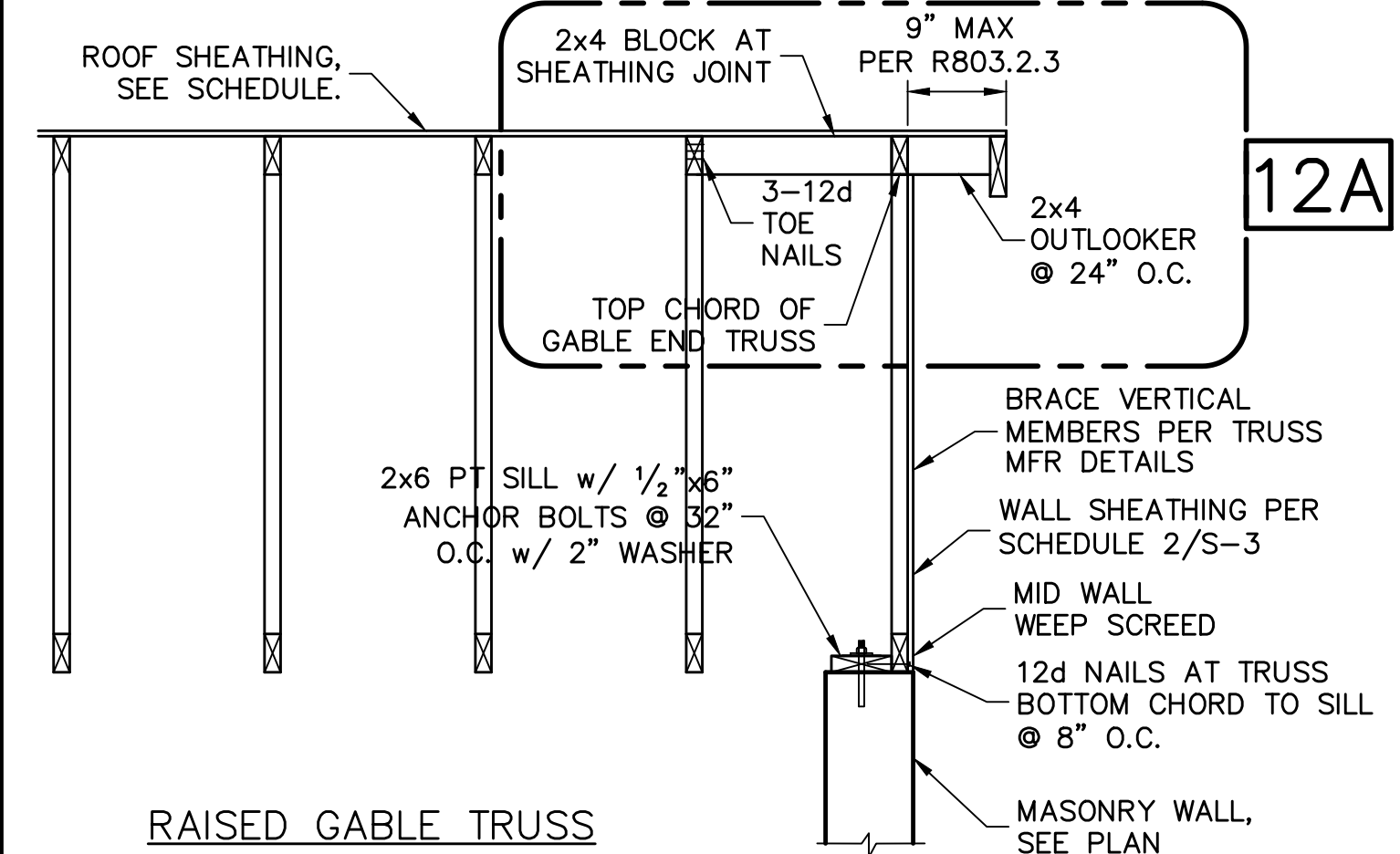
FOOTING CORNER BARS

SCALE: NTS



9 STEPPED BOND BEAM & REINFORCING

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



12A RAISED GABLE TRUSS

12 GABLE END DETAIL

SCALE: N.T.S.

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/ 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

- 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 I
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
3/4" MINIMUM THICKNESS REINFORCED WITH 6x6 w/4xw/1.4 WMF 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 CENTERED 1 1/2"
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 & #18

WELDED 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 40 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 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.

- 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.

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.

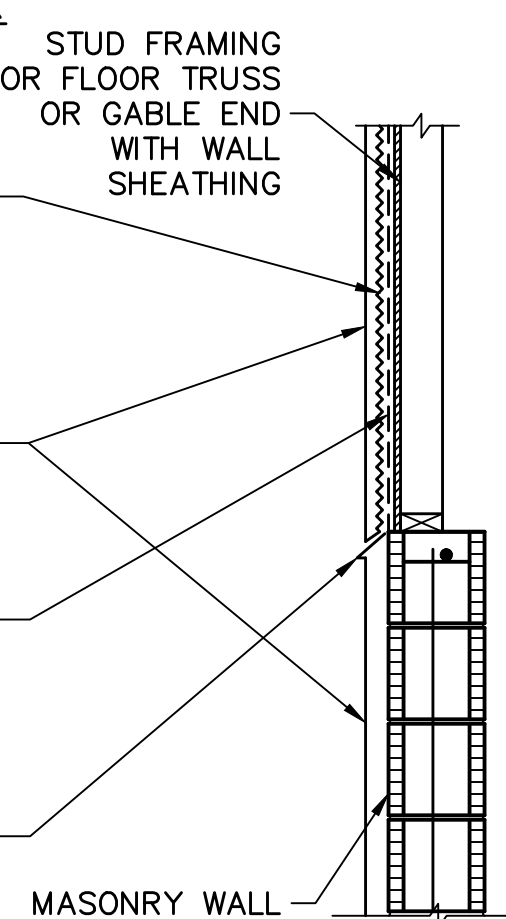
R703.7.1 Lath: Where required by the wall framing type, install metal lath per ASTM C1063 or non metallic lath per ASTM C1787. Use self furring lath as required by the ASTM spec. Use paper backed lath as required per Water Resistive Barrier specs.

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.

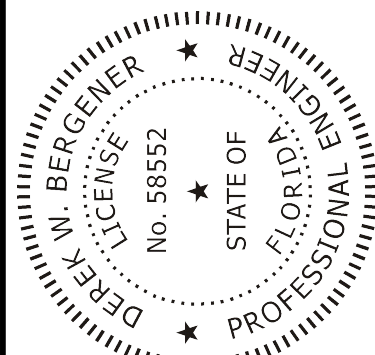


EXTERIOR WALL WITH PLASTER

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
3808 CROSSWATER DRIVE
N. FORT MYERS, FLORIDA 33917
LOT: 58 SUBDIVISION: MAGNOLIA

DESIGN/DRAWN
DWB/RR
CHECKED
DWB
DATE
10/28/21
SCALE
VARIES
JOB NO.
DR 13705
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

REVISIONS	BY

STRUCTURAL ENGINEERING:

STRUCTURAL SYSTEMS OF NORTH FLORIDA

1634 SE 47th STREET, SUITE #4
OCCOKEE, FL 32061
(239) 549-4554
CA# 8829

DECK W. BERKELEY

LICENSE
No. 58552

STATE OF
FLORIDA

PROFESSIONAL ENGINEER

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

BUILDER:

D.R. HOHTON • INC.

America's Builder

STRUCTURAL DETAILS

MODEL 1962 B

3808 CROSSWATER DRIVE
N. FORT MYERS, FLORIDA 33917
LOT: 58 SUBDIVISION: MAGNOLIA

DESIGN/DRAWN
DWB/RR

CHECKED
DWB

DATE
10/28/21

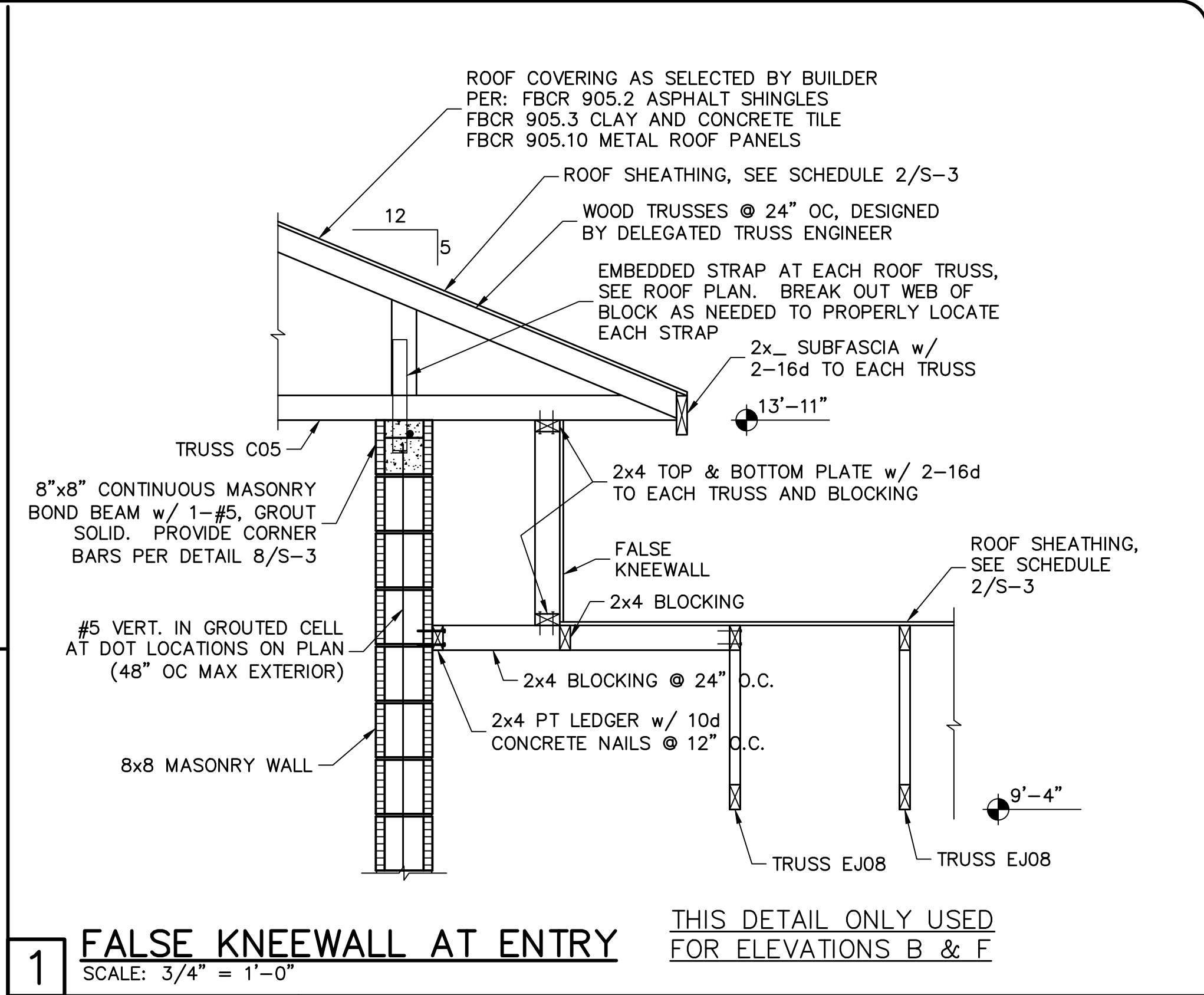
SCALE
VARIES

JOB NO.
DR 13705

SHEET

S-4

SHEET 4 OF 4



FOR AMERICAN BUILDERS SUPPLY TRUSSES, MODEL 1962, ELEVATION B & F, JOB # M2001623-20BX, DATED: 12/07/20, REVISED: 07/06/21