



Community Development Department

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BuildingSvcs@CharlotteCountyFL.gov
www.CharlotteCountyFL.gov

For Office Use Only

Permit Number _____
20 _____
Application Date _____
CSR Initials _____

ONE AND TWO FAMILY DWELLING DATA SUMMARY SHEET

Florida Building Code 7th Edition (2020)

OWNER'S NAME: D R Horton Inc CONTRACTOR'S NAME: D R Horton Inc

PROJECT ADDRESS: 1233 Remington Trace Dr. PORT CHARLOTTE FL 33953
Number & Street City, State, & Zipcode

Applicable Codes: Building, Mechanical, Plumbing, Accessibility, & Energy Codes - 7th Edition (2020) Florida Building Code, Residential Volume. Electrical Code - NFPA 70 & NEC 2017

Manufacturer's Product Approvals

Doors: See attached Overhead Doors: See attached Windows: See attached
Militered Glass: See attached Roof Coverings: See attached Protection of Openings:
Soffit: See attached Siding: See attached Shutters: See attached

Method of Design per Florida Building Code (FBC) R301:

☒ Florida Building Code, 7th Ed (2020) ☐ ICC 600 ☐ Other: _____

Designer's Name: Structural Systems of N. Florida Inc.

Design Data (Risk Category II):

Basic Wind Speed (Vult) 160 mph (Figure R301.2(4))
Nominal Design Wind Speed (Vasd) 124 m.p.h. Flood Design Data N/A Final Floor Elevation See site plan
Exposure Category Section (R301.2.1.4) ☐ B ☒ C ☐ D Soil Design Load-Bearing Value 2000 PSF

Structural Forces (Section R301.4 / 301.5 / 3601.6)

Floor Design: Live Load 40 p.s.f. Dead Load Slab on grade p.s.f.
Roof Design: Live Load 20 p.s.f. Dead Load TC=20 BC=10 p.s.f. Roof Slope 5:12

Window and Door Wind Pressure Design Loading:

Mean roof height 15 ft
Windows +33.5/-44.8 p.s.f. Doors +33.5/-44.8 p.s.f. Garage Doors +29.4/-33.3 p.s.f.

Components and Cladding Design Pressures:

Zone 1: 24.9/-44.8 p.s.f. Zone 2: +24.9/-61.7 p.s.f. Zone 3: +24.9/-61.7 p.s.f. Zone 4: 33.5/-36.3 p.s.f. Zone 5: 33.5/-44.8 p.s.f.

Area Tabulation:

TOTAL (Sq. Ft.): 2433

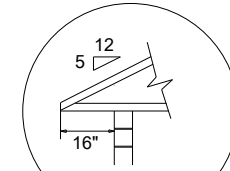
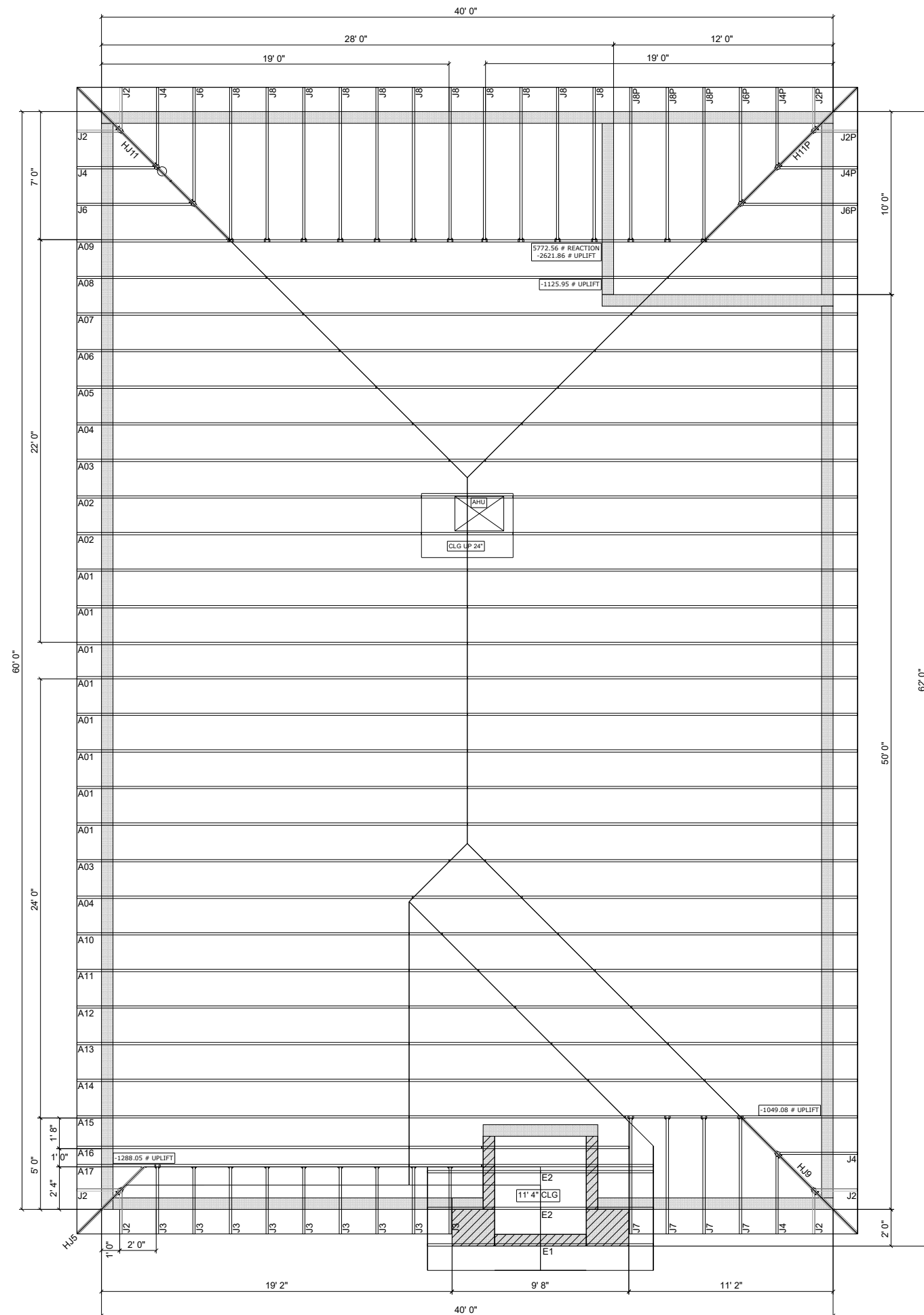
Living (Sq. Ft.) 1658 Garage (Sq. Ft.) 632 Lanai (Sq. Ft.) 120
Entry (Sq. Ft.) 23 Storage (Sq. Ft.) N/A Other (Sq. Ft.) N/A

I certify to the best of my knowledge and belief that these plans and specifications have been designed to comply with the structural portion of the Building Code for wind, flood and gravity loads as amended and enforced by the permitting jurisdiction.

Signature: _____ Date: _____

Designer's Printed Name: _____

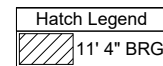
Architect / Engineer Seal



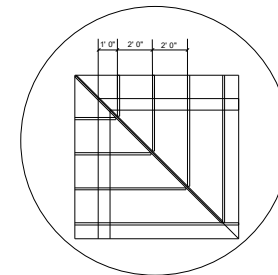
PLUMB CU

O/H DETAIL

BRGS AND CLGS @ 9' 4" UNO



TRUSS SPACING 24" UNO



TYPICAL CORNER SPACING

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

Truss List of <5000# reaction & <-1000# uplift			
Truss	Reactions		
A08	1338.95 lb -500.09	2635.52 lb -1125.95 lb	338.87 lb -318.06 lb
A09	2396.78 lb -1015.97 lb	5772.56 lb -2621.86 lb	131.31 lb -555.02 lb
A15	2539.17 lb -831.30 lb	3029.50 lb -1049.08 lb	
A17	2088.33 lb -1288.05 lb	736.04 lb -478.47 lb	1522.92 lb -926.07 lb

DESIGN PER ASCE7-16
LOADED FOR TILE ROOFING

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.

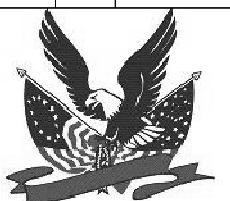
- * If any job site accidents occur involving trusses, the installer must immediately stop work on the project and notify a representative of ABS, Inc.. All trusses involved in an accident must be inspected by a licensed structural engineer to determine the cause of the accident. The builder assumes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

Hanger Notes

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

Loading and Design Criteria

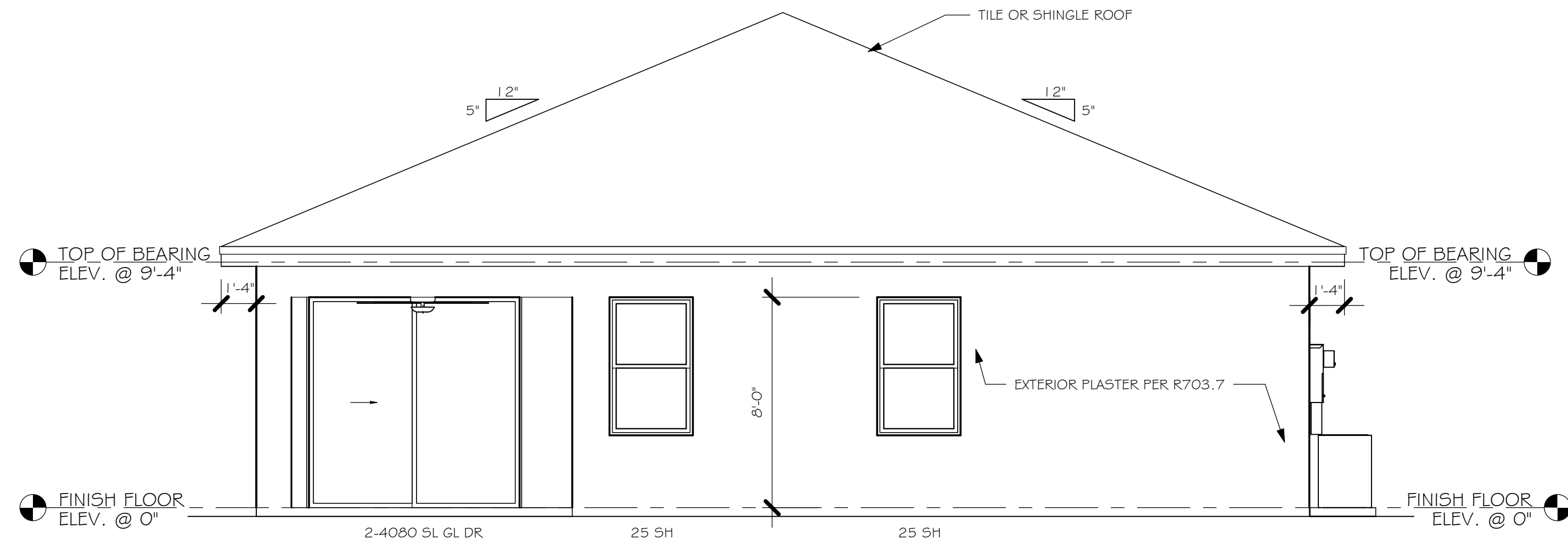
	Roof			
TC LL	20		Mean Hgt	15'
TC DL	20		Wind Speed	160
BC LL	0		Exposure	C
BC DL	10			
Duration	1.25			



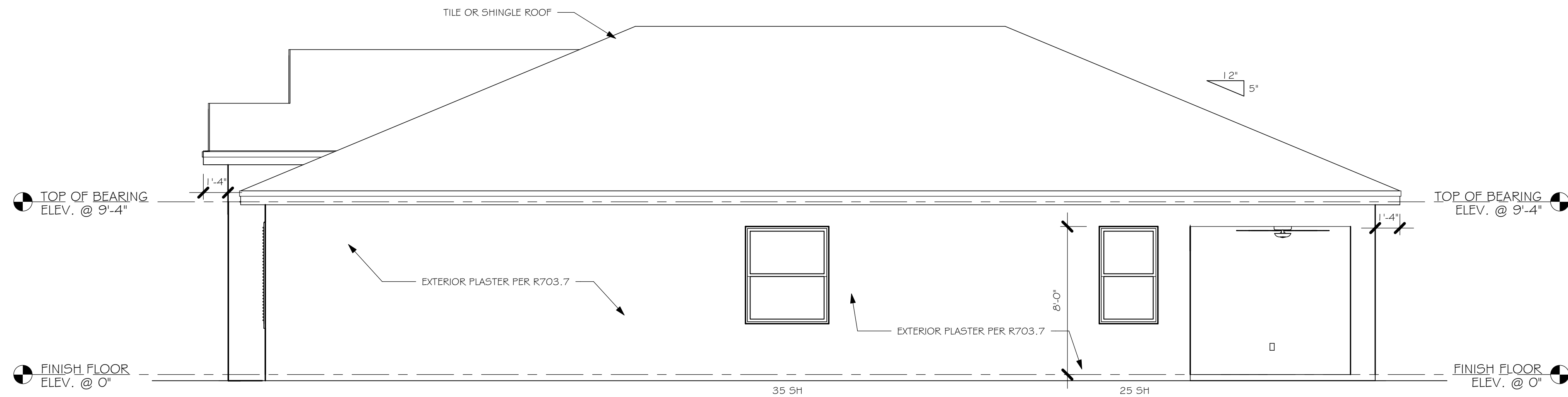
AMERICAN
BUILDERS SUPPLY

Name: D.R. Horton - Ft. Myers				
Project:				
Model: 1670 A or E				
Lot #: XX		Subdivision: XX		
Order #	Sales Rep:	Designer:	Date:	
M2001516-20AEX	CF	RG	12/04/2020	
Order Folder:				

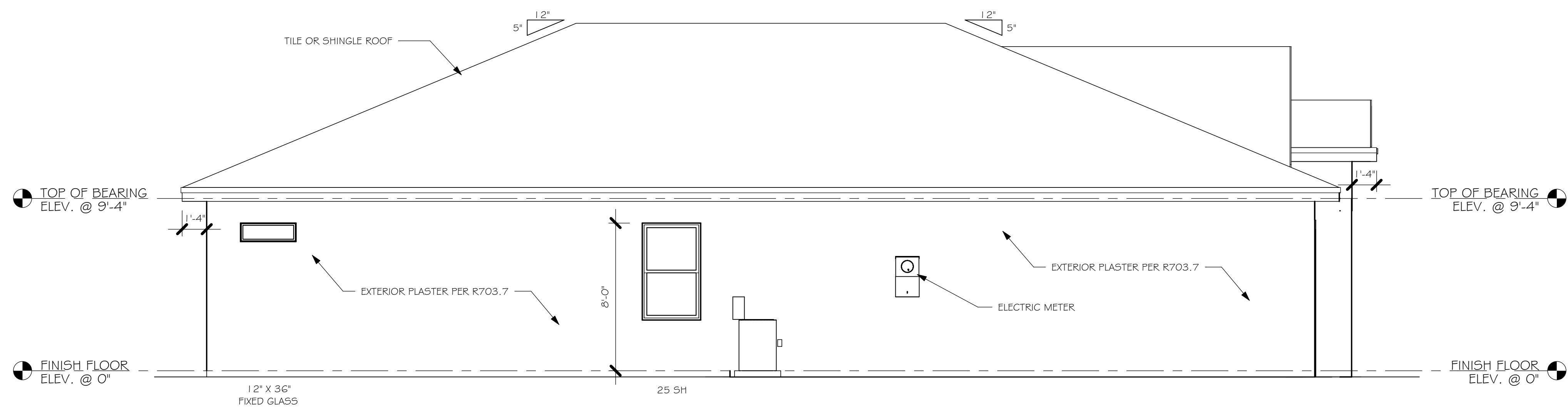
L:\O-New Data\1-MASTER 2019\2019-BUILDERS\DR HORTON 2019\SUBDIVISIONS\WEST
FORT 505\12580 LOT 29 1670 ALREV\12580 1670 AL.rvt



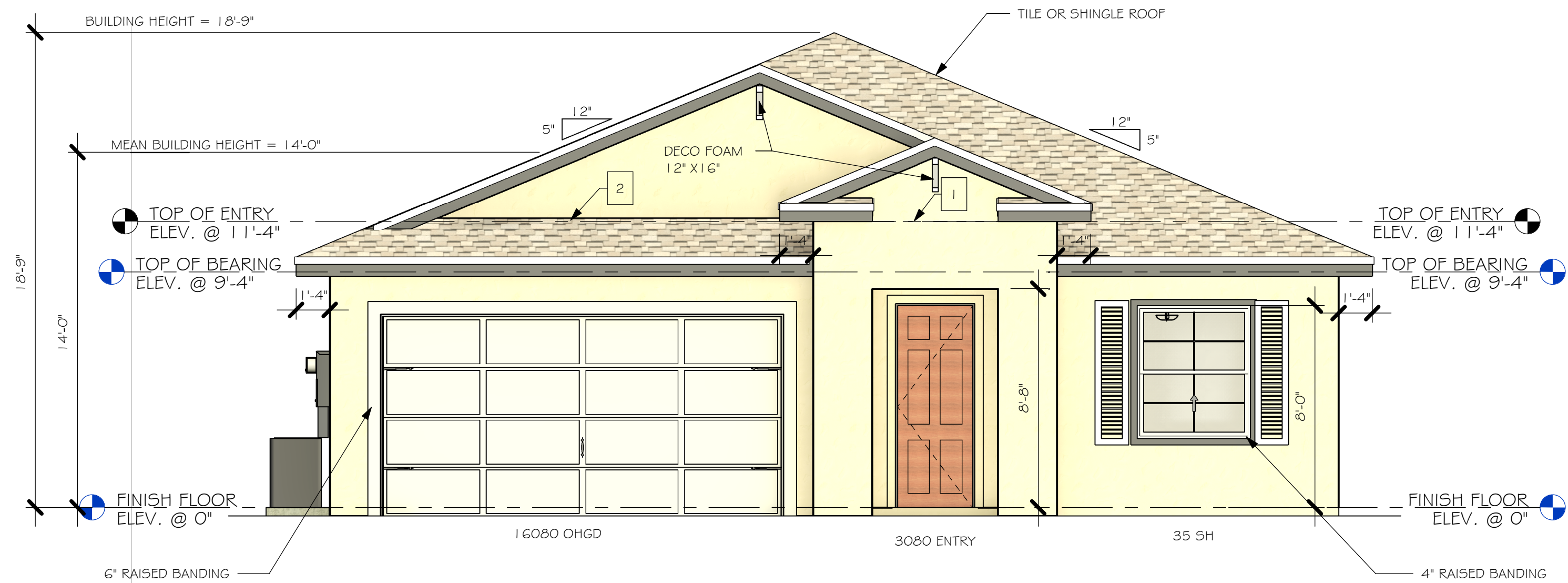
REAR ELEVATION "A"
1/4" = 1'-0"



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



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



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

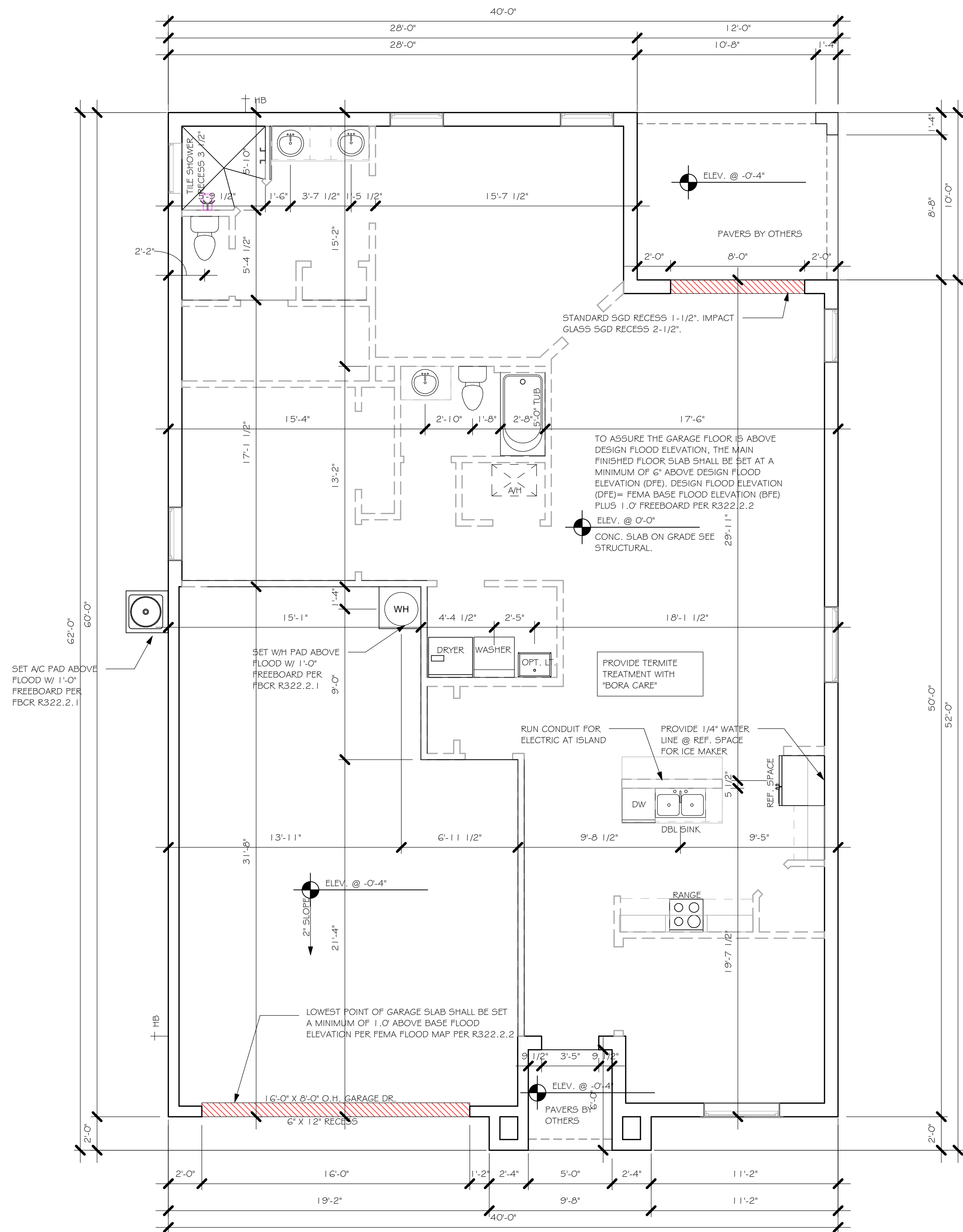
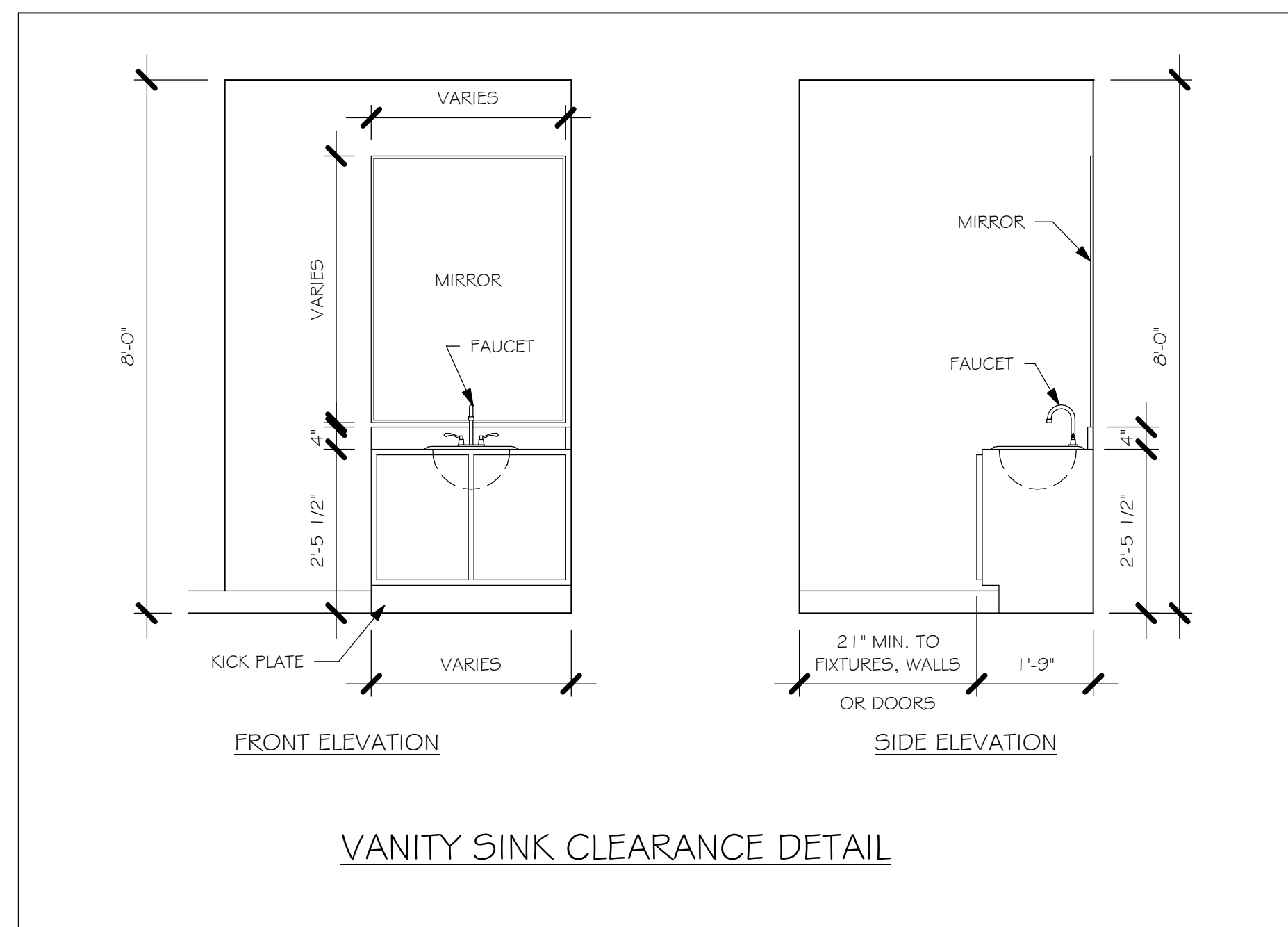
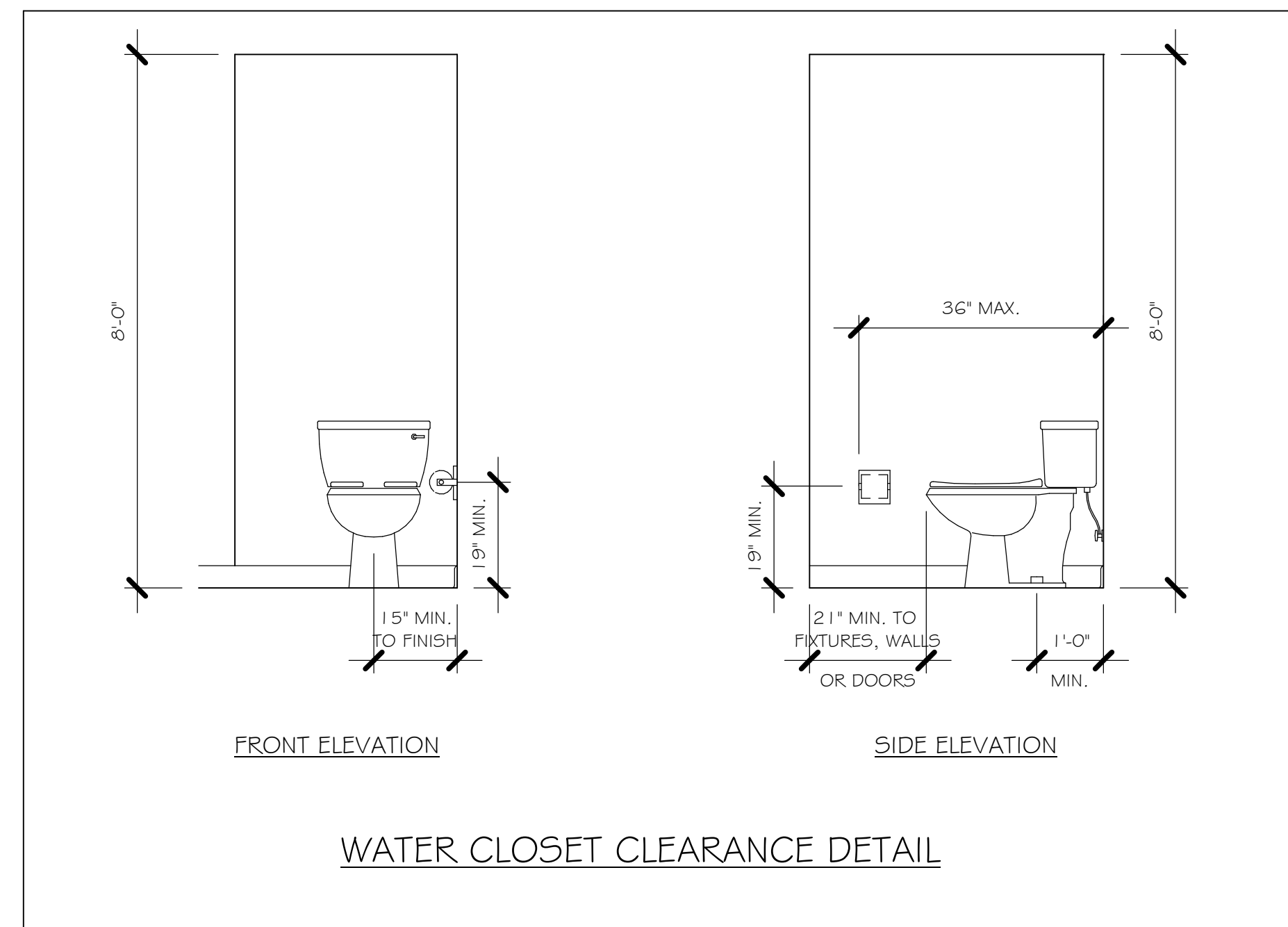
- 1 MID-WALL WEEP SCREED AT WOOD MASONRY INTERFACE. INSTALL STRICTLY PER MFG. INSTRUCTIONS
- 2 ROOF / WALL SCREED INSTALL STRICTLY PER MFG. INSTRUCTIONS

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



SLAB & PLUMBING PLAN "A"

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

DATE: 07/08/21		<p>MODEL # 1670 A</p> <p>GCD JOB # 12580</p>
DRAWN BY: JSL		
CHECKED BY: JWC		
REVISED:		
PLAN: SLAB & PLUMBING SCALE: As indicated		
A-2		

L:\O-New Data\1 -MASTER 2019\2019-BUILDERS\DR HORTON 2019\SUBDIVISIONS\WEST
FORT 505\12580 LOT 29 1670 ALREV\12580 1670 ALREV

DOOR SCHEDULE

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

WINDOW SCHEDULE

MARK	DESCRIPTION	HEIGHT	WIDTH	COMMENTS	QTY
A	25 5H	5'-5"	3'-4"		4
B	35 5H	5'-5"	4'-8"		2
C	12" X 36" FIXED GLASS	3'-0"	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.

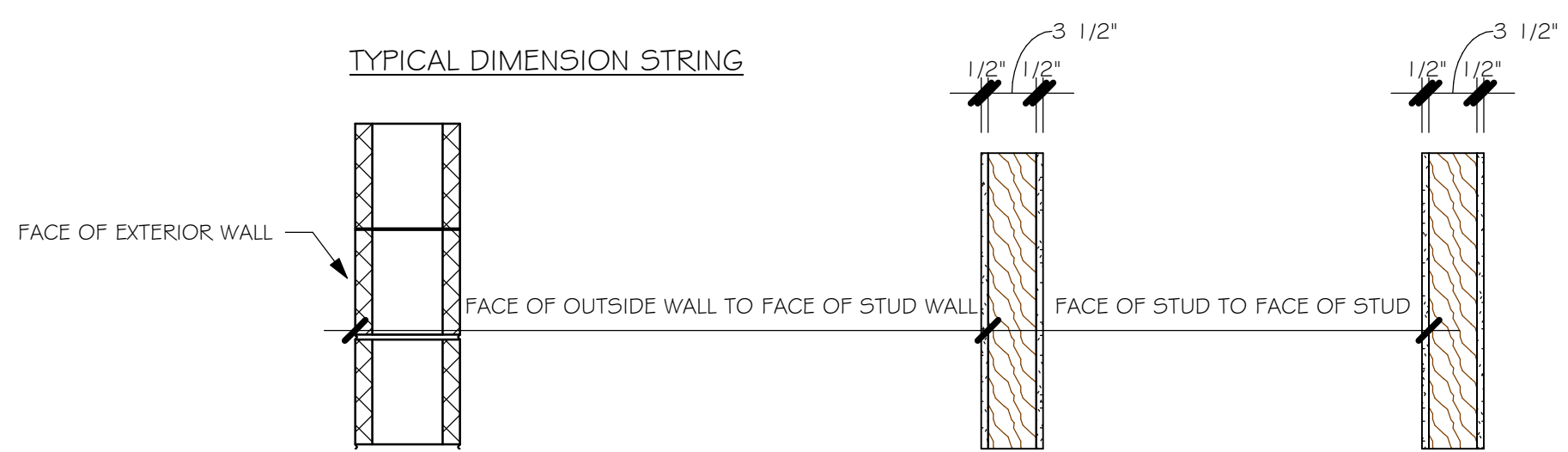
PLAN NOTES

- VERIFY ALL ROUGH OPENING DIMENSIONS FOR ALL WINDOWS AND DOORS
- PROVIDE SAFETY GLAZING WITHIN 24" FROM EXIT PER FLORIDA BUILDING CODE R 308.4.2.
- PROVIDE SAFETY GLAZING AT BATH/SHOWER PER FLORIDA BUILDING CODE R 308.4.5.
- NON BEARING INTERIOR FRAME WALLS SHALL BE FRAMED W/ WOOD OR METAL STUDS. SPACING SHALL NOT EXCEED 24" O.C. (NON BEARING WALLS ONLY)
- PROVIDE DEAD WOOD IN ATTIC FOR OVERHEAD GARAGE DOOR HARDWARE
- KITCHEN KNEE WALL TO BE FRAMED W/ TOP @ 34 1/2" A.F.F.
- INSTALL SMOOTH WALLS IN KITCHEN AND ALL BATHROOM AREAS
- WHERE DRYWALL CEILING IS APPLIED TO TRUSSES @ 24" O.C. USE 5/8" DRYWALL OR 1/2" SAG RESISTANT PER SEC. R702.3.5
- THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE & ATTIC BY NOT LESS 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" GYPSUM BOARD OR EQUIVALENT
- INSTALL 1 3/8" THICK SOLID WOOD DOOR BETWEEN LIVING AND GARAGE PER FLORIDA BUILDING CODE R302.5.1.
- ALL WINDOWS INSTALLED 72" ABOVE GRADE MUST COMPLY WITH R312.2 MIN 24" SILL HEIGHT OR PROVIDED WITH AN APPROVED WINDOW FALL PREVENTION DEVICE
- ALL CLOSET SHELVES TO BE 12". ALL PANTRY & LINEN TO BE (4)-16" SHELVES 18" O.F.F. W/ 15" INCREMENT.
- ALL MECHANICAL AND ELECTRICAL EQUIPMENT TO BE INSTALLED AT OR ABOVE FLOOD PLUS 1'-0" FREEBOARD.

CABINET BACKING

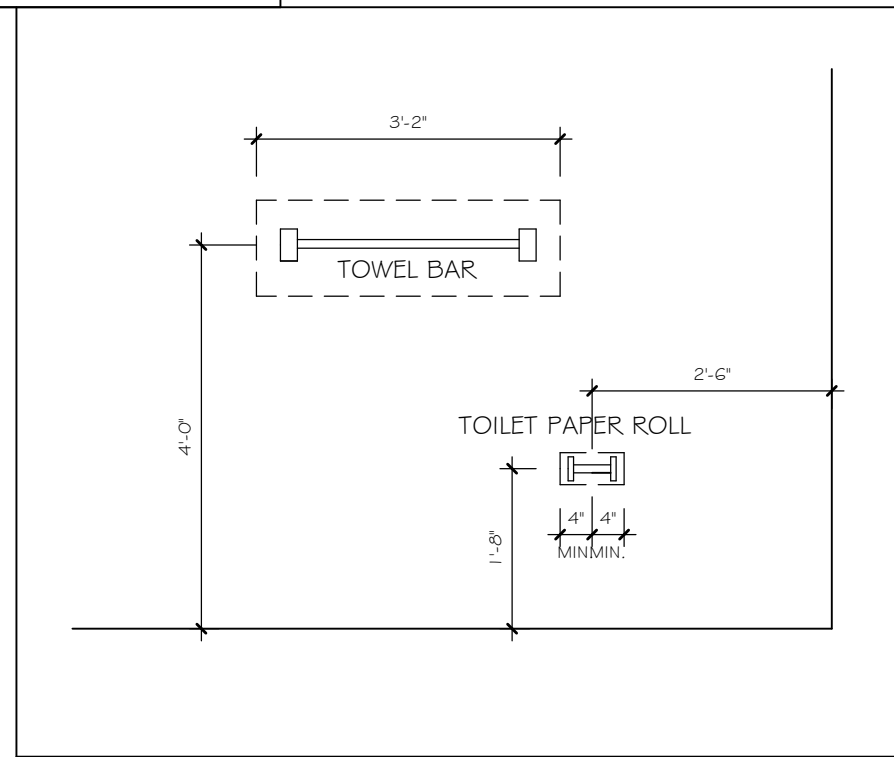
KITCHEN	UPPER TOP @ 84"	BASE TOP @ 35"
MASTER BATH	UPPER	BASE TOP @ 35"
GUEST BATH	UPPER	BASE TOP @ 31"
LAUNDRY ROOM	UPPER TOP @ 84"	BASE

TYPICAL DIMENSION STRING

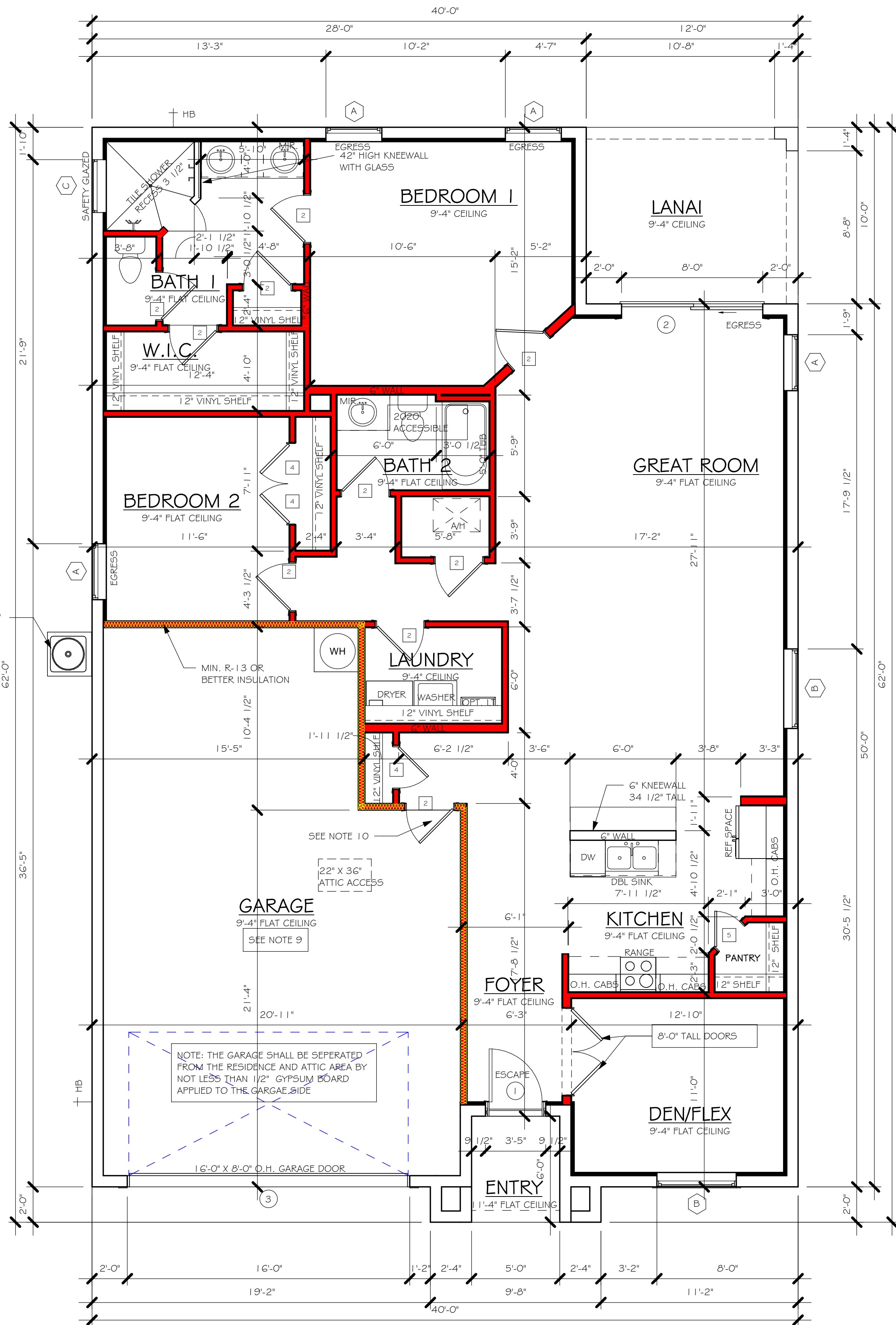


BATHROOM NOTES

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



VERIFY LOCATION W/ SITE PLAN. AC UNIT NOT TO ENCR OACH EASEMENT.

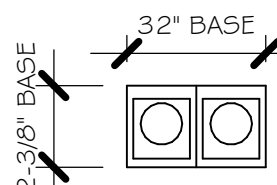


FLOOR PLAN "A"

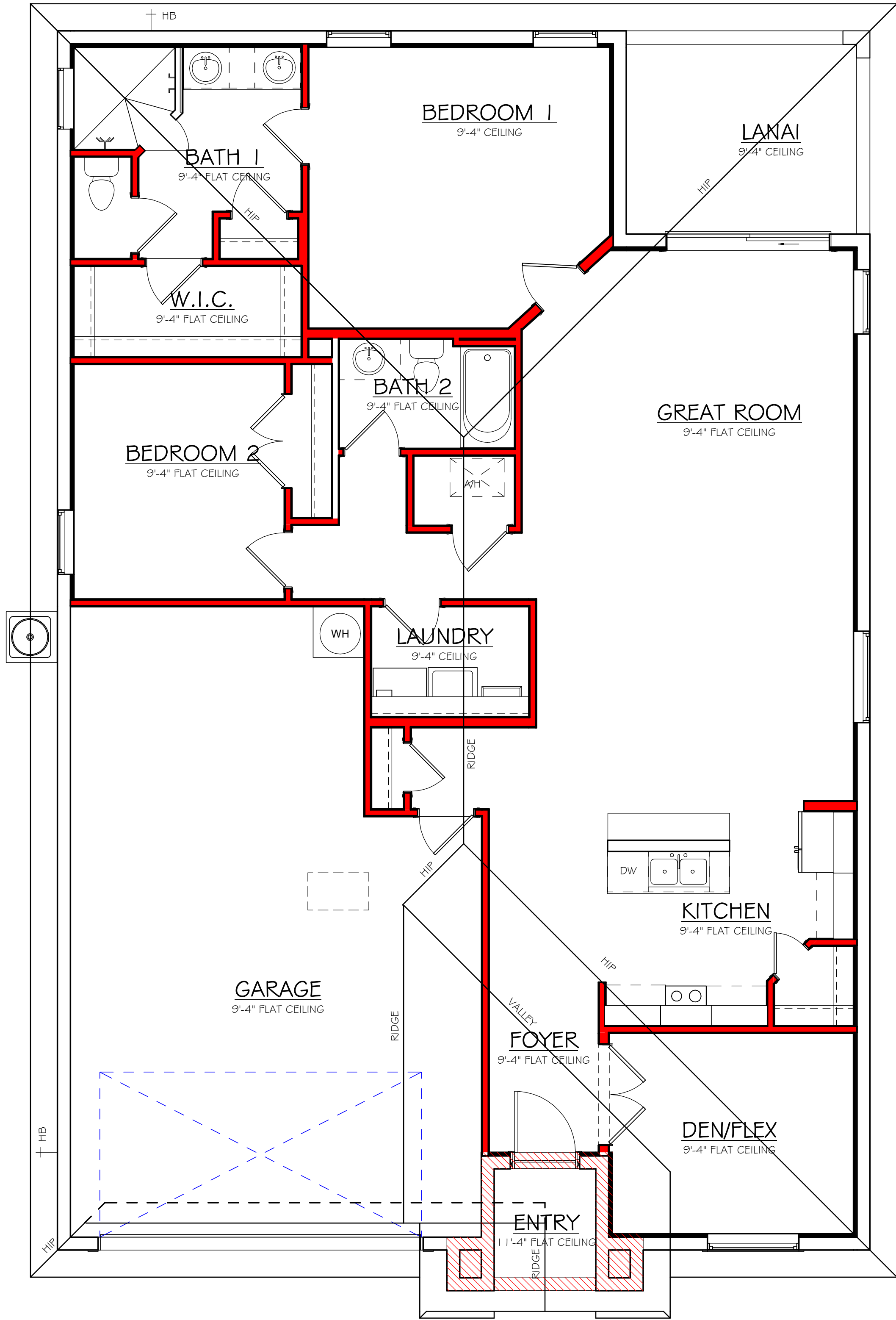
1/4" = 1'-0"

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\WEST
FORT 505\12580 LOT 29 1670 ALREV\12580 1670 AL.rvt

MODEL 1670 A: 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 1/45	ATTIC AREA/300	QUANTITY OF ROOF VENTS	MIN AIR FLOW OF SOFFIT
1st STORY	2697.0 SQ. FT.	277.7 SQ. FT.	18.0 SQ. FT.	6.42%	0.15%	--- SQ. FT.	-	---%
			SOFFIT ONLY QUALIFIES			ROOF VENTS ARE NOT REQUIRED		
			SOFFIT MODEL			ROOF VENT MODEL		
			ACM QUAD 4, FULL VENT, NARROW PATTERN, 0.15% FREE AIR FLOW					

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



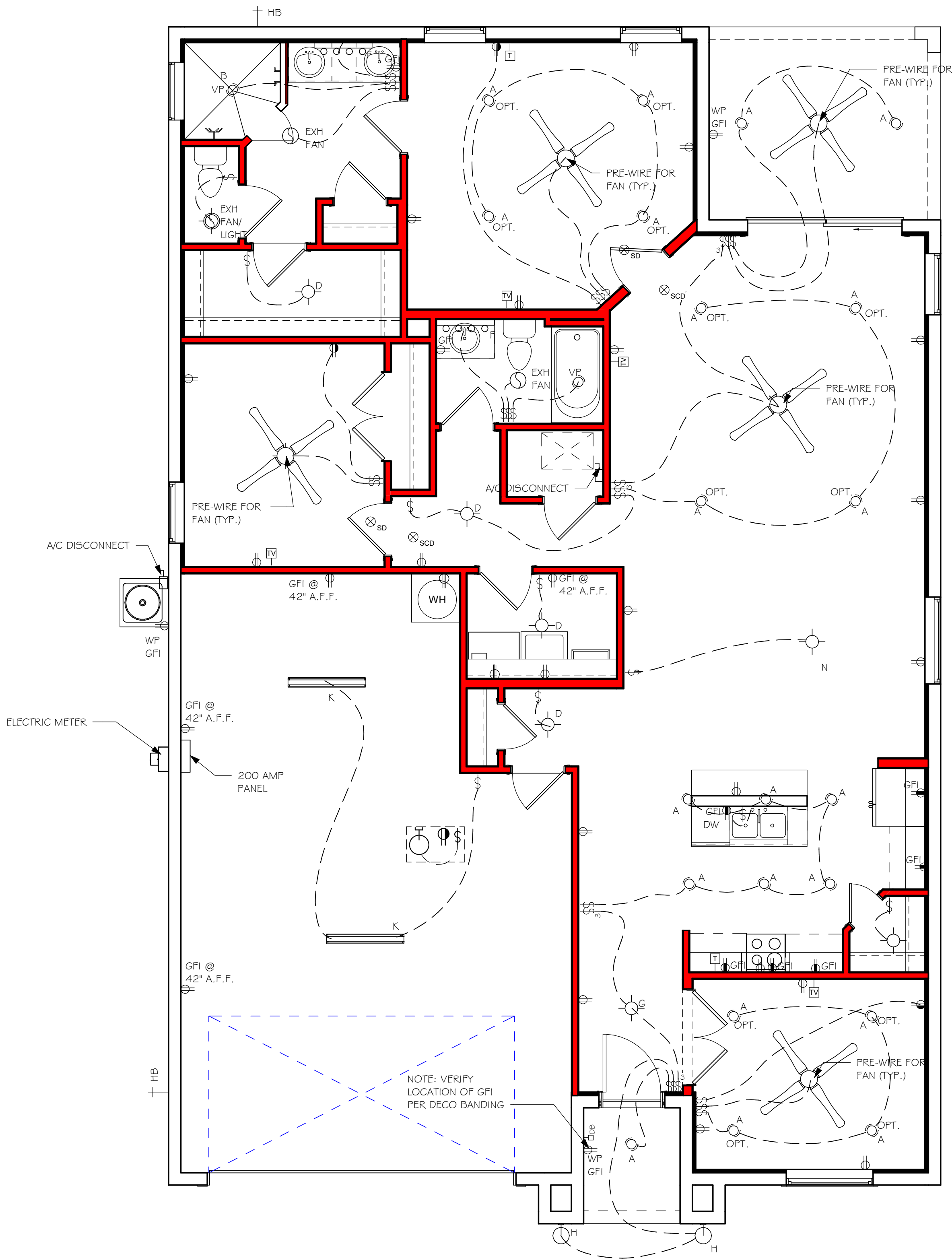
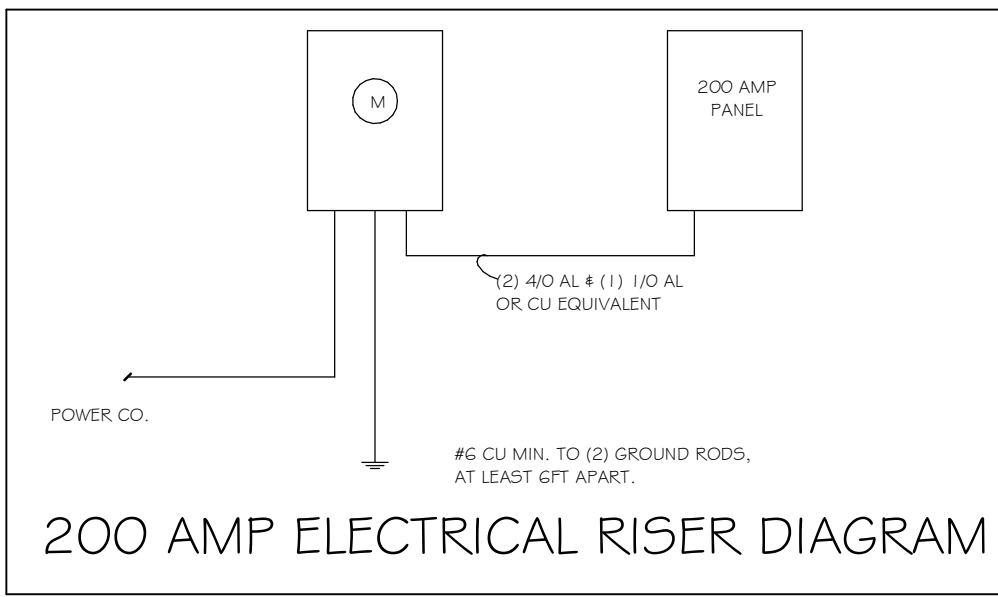
ROOF PLAN "A"
1/4" = 1'-0"

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FLORIDA BUILDING CODE 2020 - 7TH EDITION

L:\O-New Data\1 -MASTER 2019\2019-BUILDERS\DK HORTON 2019\SUBDIVISIONS\WEST
FORT 505\12580 LOT 29 1670 ALREV\12580 1670 AL REV

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
	AGDC SMOKE DETECTOR TO BE INTERCONNECTED ANY RESIDENT HAVING A FOSSIL-BURNING HEATER OR APPLUANCE, 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 ELEVATIONS PLUS 1'-0" FREEBOARD.	
ALL OUTLETS IN WET AREAS AND ALL EXTERIOR OUTLETS TO BE GFYS.	
INSTALL PHONE AND T.V. PER CONTRACT.	
INSTALL ALL ELECTRICAL PER NEC 201.4	

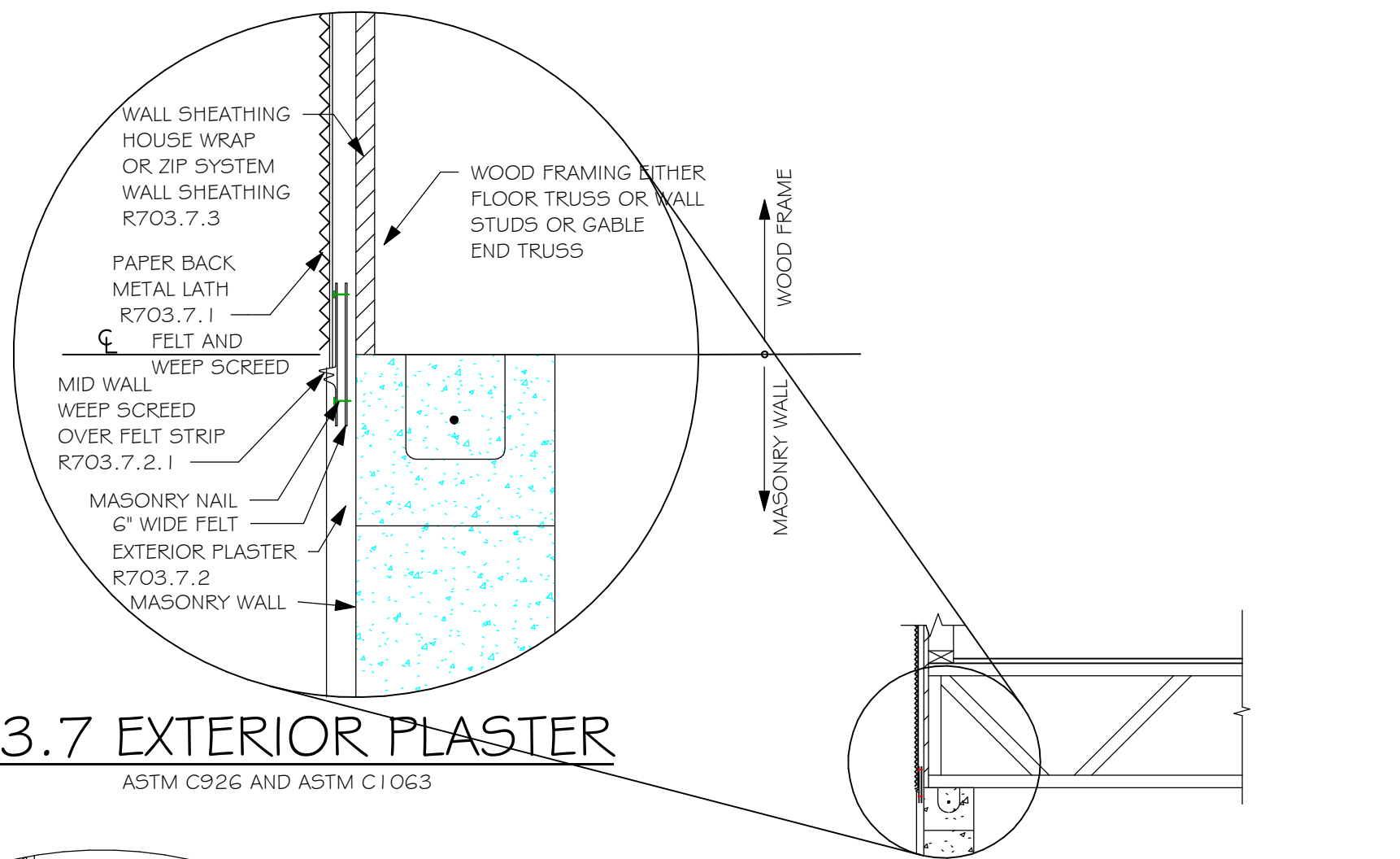
ELECTRICAL PLAN 1670 "A"		
200 AMP SERVICE		
TAG	QUANTITY	PRODUCT
A	(0)	(FLUSH MOUNTED LT.)
B	(0)	(VAPORS)
C	(0)	(PENDANT LIGHT
D	(X)	(10" MUSHROOMS)
E	(0)	(24" 3 LT.)
F	(X)	(36" 4 LT.)
G	(X)	(2 LIGHT SEMI-FLUSH)
H	(0)	(COACH LIGHTS)
I	(X)	(COACH LIGHTS)
J	(0)	(J BOX)
K	(0)	(4' FLUORESCENT)
L	(0)	(2' FLUORESCENT)
M	(X)	(SLT CHANDELIER)
N	(X)	(3 LT.)
O	(X)	(PENDANT/ NOOK)
P	(X)	(X)
Q	(X)	(X)



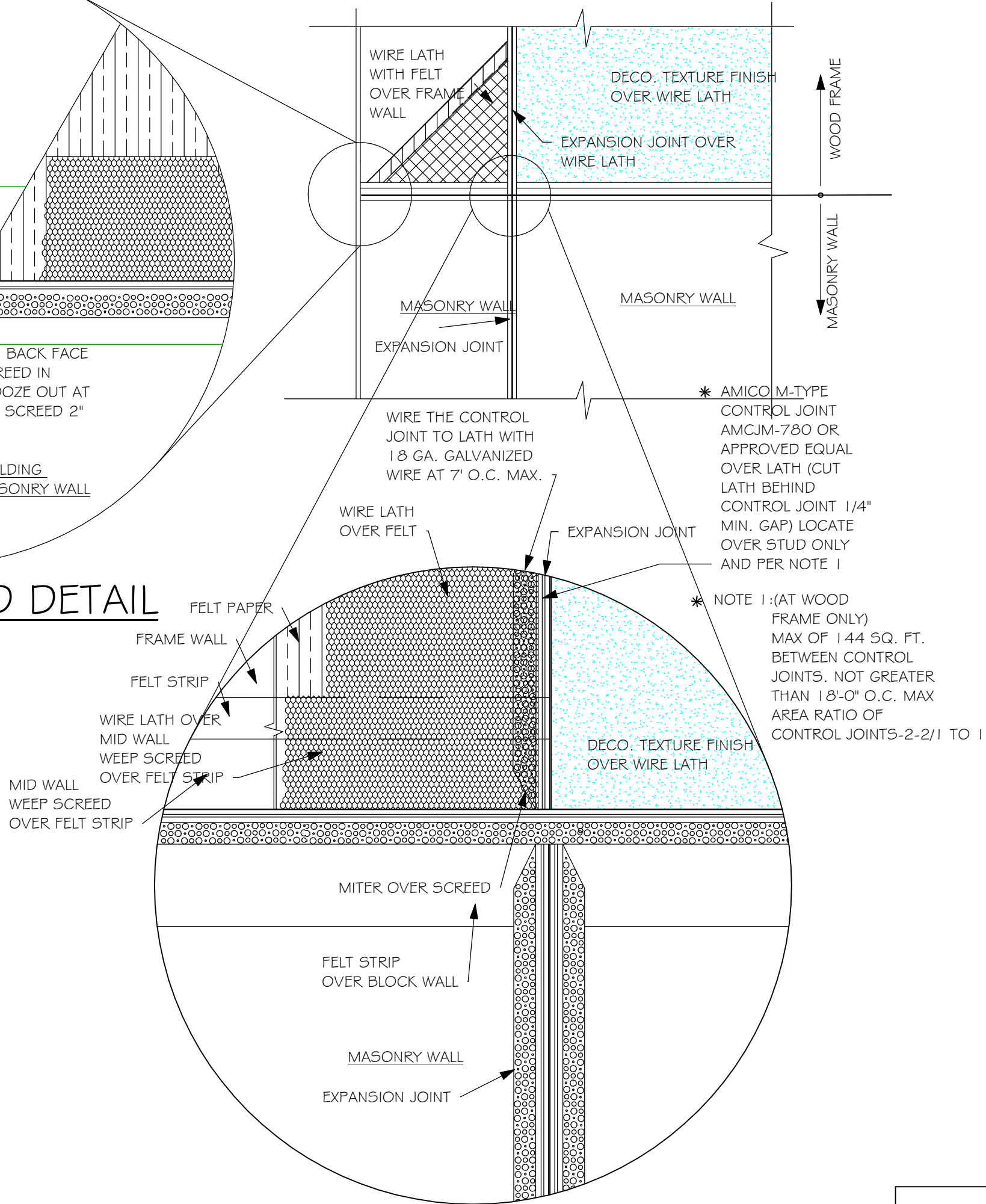
ELECTRICAL PLAN "A"
1/4" = 1'-0"

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L:\O-New Data\1 -MASTER 2019\2019-BUILDERS\DR HORTON 2019\SUBDIVISIONS\WEST FORT 505\12580 LOT 29 1670 ALREV\12580 1670 AL.rvt



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. FOR REQUIRED SOIL BEARING, SEE STRUCTURAL. 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 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.
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 FBOR TABLE R803.2.2
SHALL BE 1/2" APA RATED SHEATHING, EXPOSURE 1, SPAN RATING 4Q/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 AZ50 ALUM ZINC, OR GALVANIZED STEEL 0.0179" THICK. 26 GAUGE ZINC COATED S90. 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 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.

3

ASPHALT SHINGLE ROOF SPECS

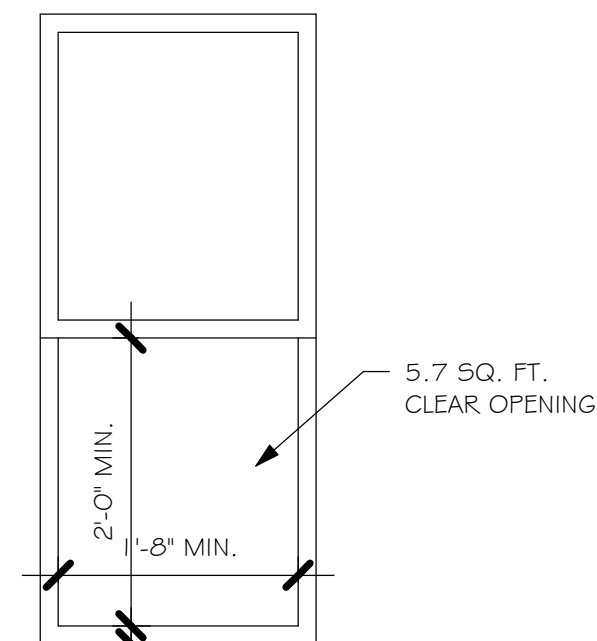
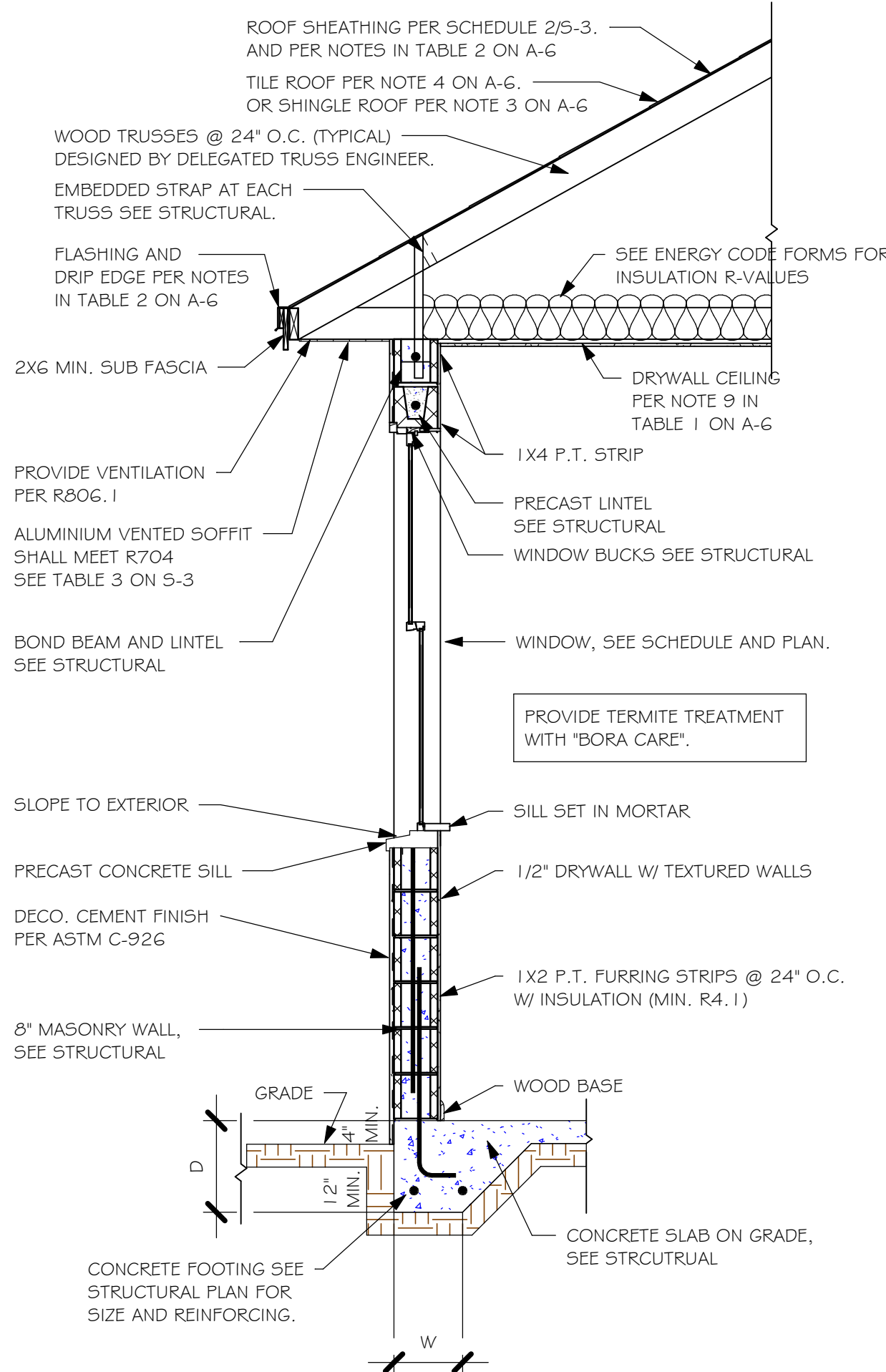
SHINGLES

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 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.

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.



R310.1.1 MINIMUM OPENING AREA: ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET (0.530 m²).

EXCEPTION: GRADE FLOOR OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5.5 SQUARE FEET (0.465 m²).

R310.1.2 MINIMUM OPENING HEIGHT: THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24 INCHES (610mm).

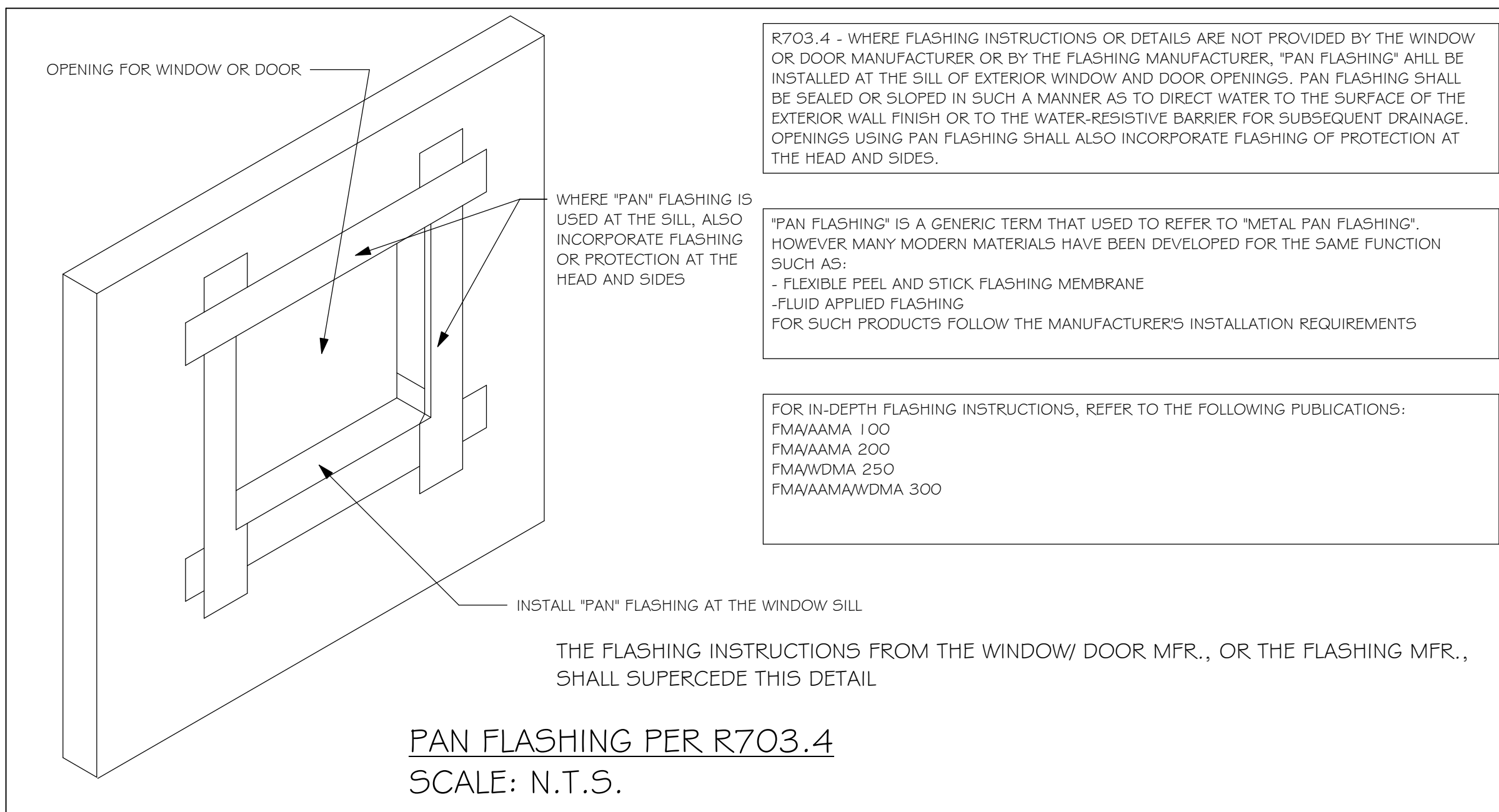
R310.1.3 MINIMUM OPENING WIDTH: THE MINIMUM NET CLEAR OPENING WIDTH SHALL BE 20 INCHES (508mm).

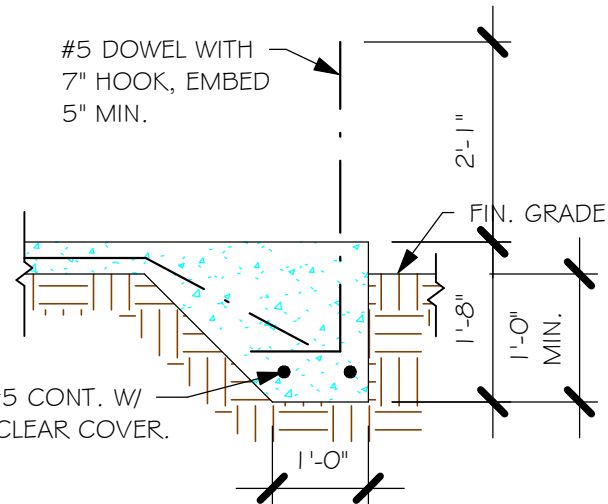
R310.1.4 OPERATIONAL CONSTRAINTS: EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL BE OPERATIONAL FROM THE INSIDE OF THE ROOM WITHOUT THE USE OF KEYS OR TOOLS.

R310.2 WINDOW WELLS: THE MINIMUM HORIZONTAL AREA OF THE WINDOW WELL SHALL BE 9 SQUARE FEET (0.84 m²), WITH A MINIMUM HORIZONTAL PROJECTION AND WIDTH OF 36 INCHES (914mm). THE AREA OF THE WINDOW WELL SHALL ALLOW THE EMERGENCY ESCAPE AND RESCUE OPENING TO BE FULLY OPENED.

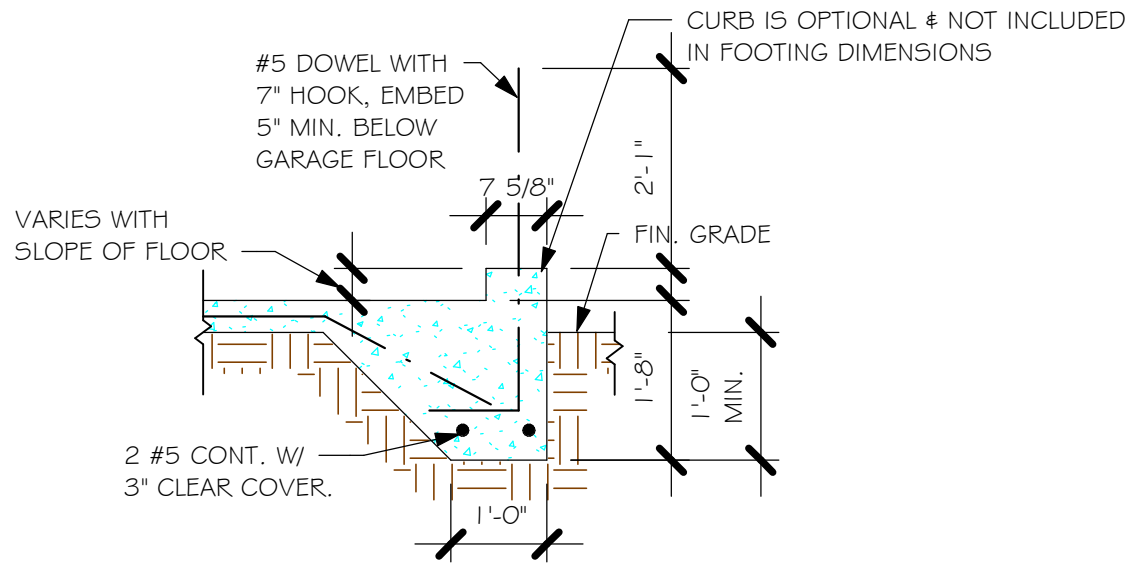
MINIMUM EGRESS WINDOW DETAIL

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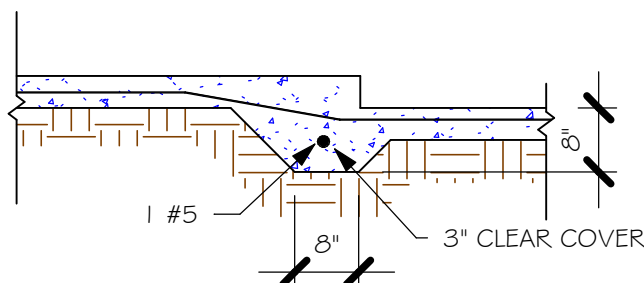




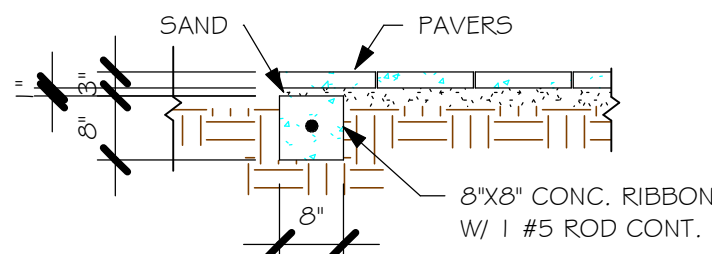
"F3" FOOTING
1/2" = 1'-0"



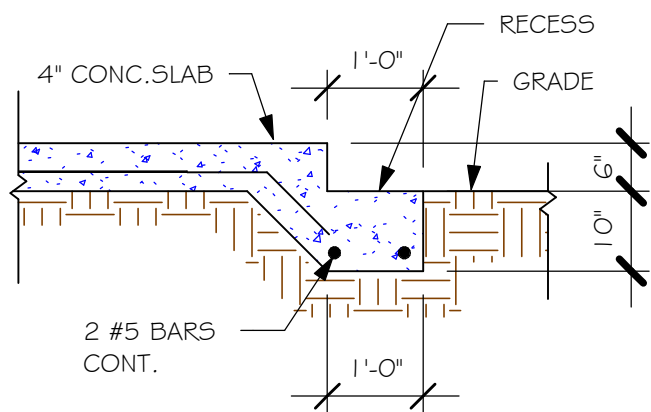
"F3" WITH CURB AT GARAGE
1/2" = 1'-0"



"F6A" STEP DOWN
1/2" = 1'-0"



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



"GARAGE DOOR RECESS (PAVERS)
1/2" = 1'-0"

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

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		ADD CURB TO GARAGE, SEE DETAIL
	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		

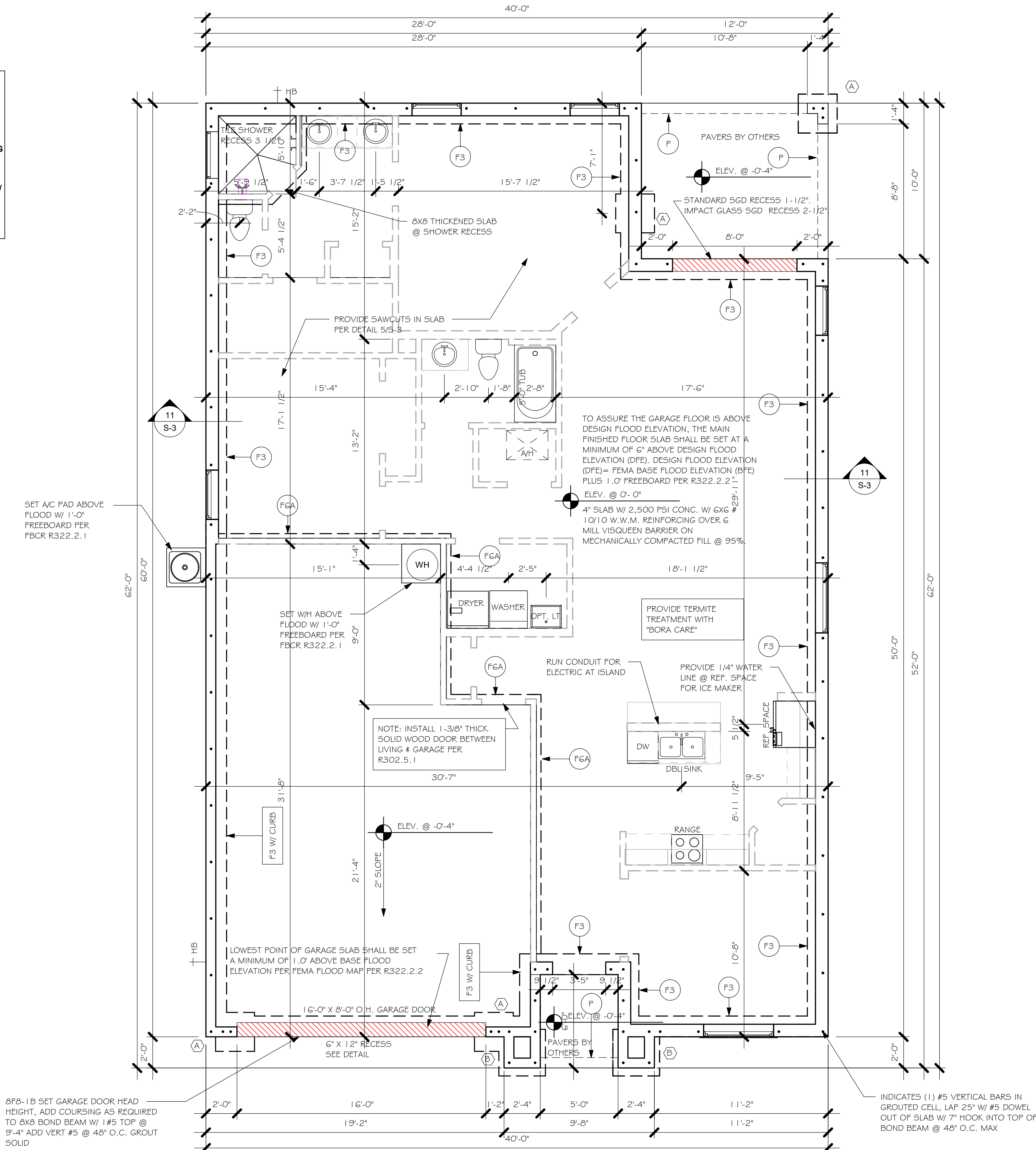
PROVIDE CORNER BARS PER 6/5-3

FOUNDATION PLAN

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

PLAN NOTES:

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



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

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NOTES:

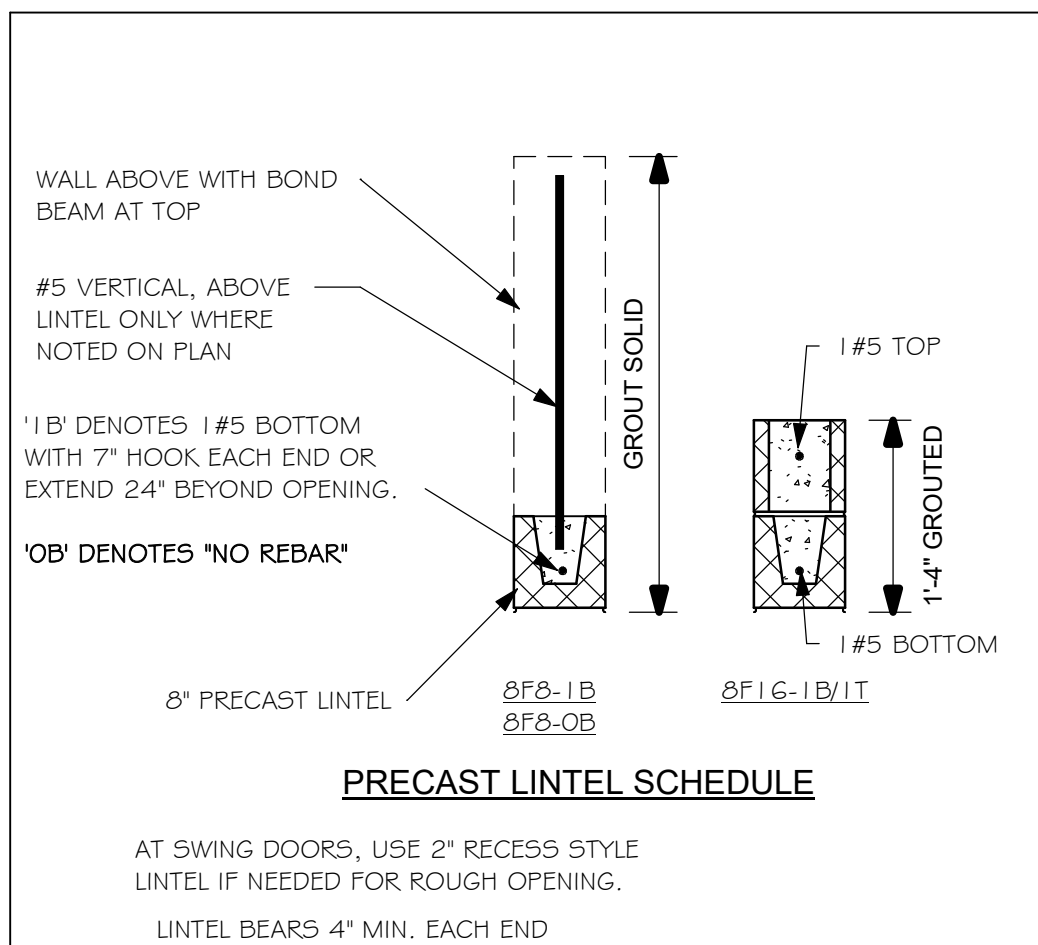
1. PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE AND SUITABLE FOR THE GEOMETRY. EMBED STRAP ON CENTERLINE OF WALL.
2. ANY OF THE VALID LENGTHS SHOWN MAY BE USED IN PLACE OF THE LENGTH SPECIFIED ON PLAN.
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 105-3. PER UPLIFT IN TRUSS ENGINEERING.

SIMPSON CATALOG C-C, 2019

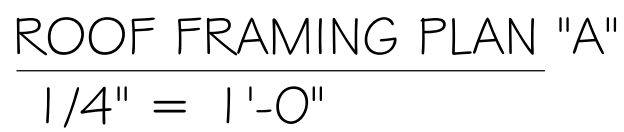
NOTES:

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 VALD 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-201



- TRUSS BEARING CONDITIONS AND
STRAPPING IS BASED ON TRUSS LAYOUT
PREPARED BY AMERICAN BUILDER SUPPLY
JOB # M2001516-20AEX DATED: 1/24/20



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

FOR AMERICAN BUILDERS SUPPLY TRUSSES, 160 MPH, EXPOSURE C, MODEL 1670, ELEVATION A & E, JOB # M2001516-21AEX, DATED: 12/04/20, REVISED: NONE

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

BUILDER:

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

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

STRUCTURAL DETAILS
MODEL 1670 A

1233 REMINGTON TRACE DR
PORT CHARLOTTE, FLORIDA 33953
LOT: 29 SUBDIVISION: WEST PORT

DESIGN/DRAWN
DWB/GH

CHECKED
DWB

DATE
07/09/21

SCALE
VARIES

JOB NO.
DR 12580

SHEET

S-4

SHEET 4 OF 4