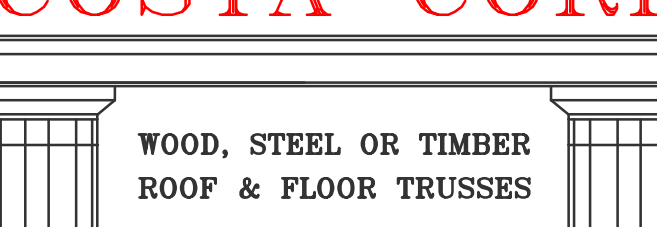
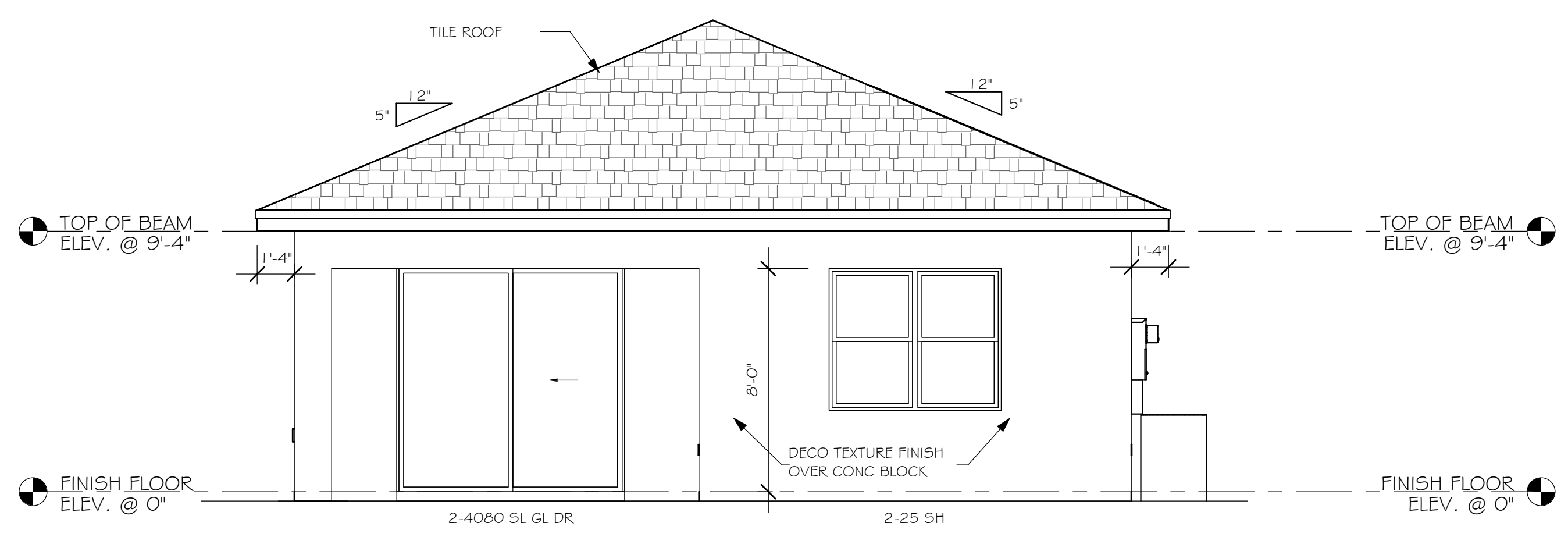


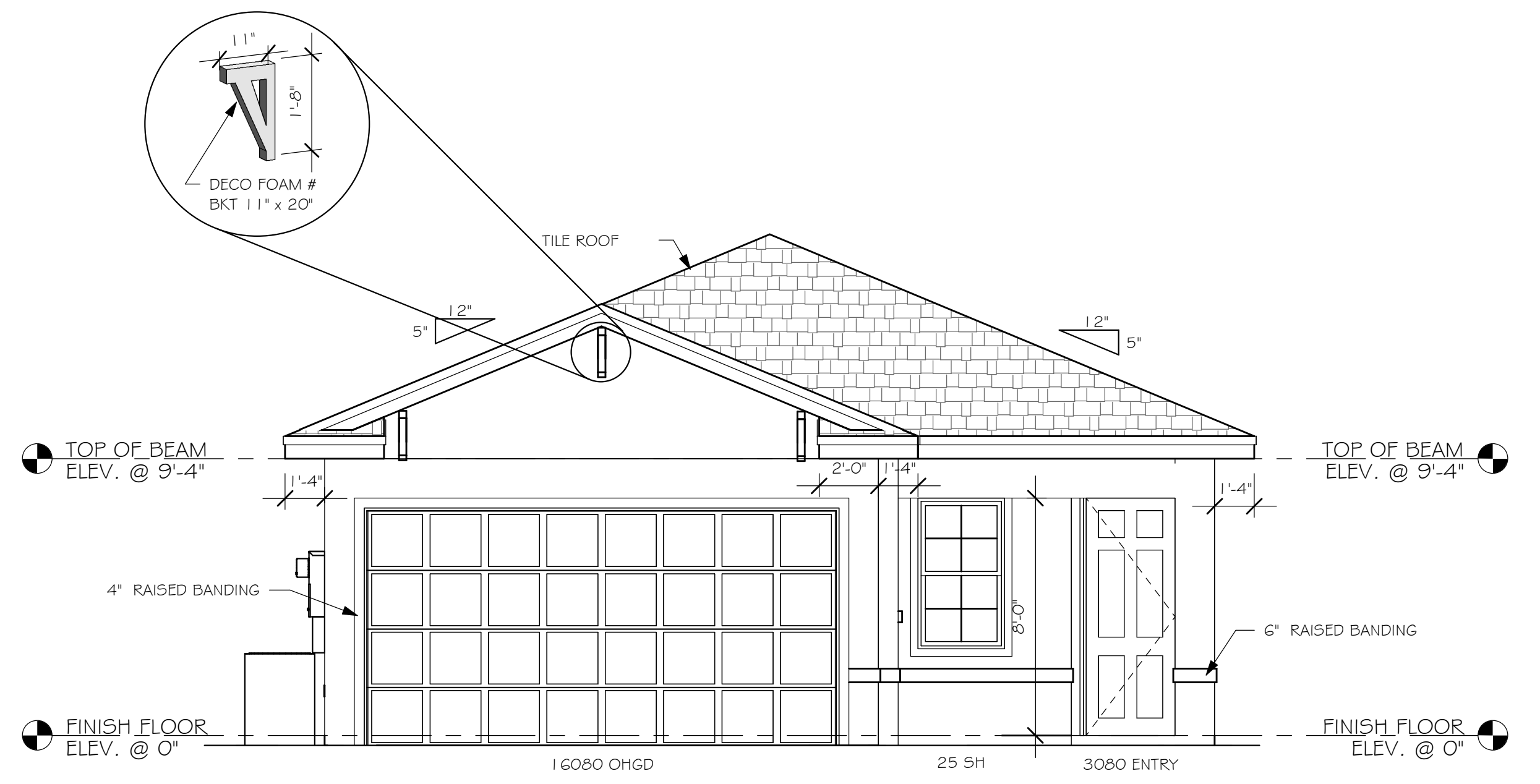
This document has been reviewed for conformance with the design intent of the structure and specified design criteria.

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

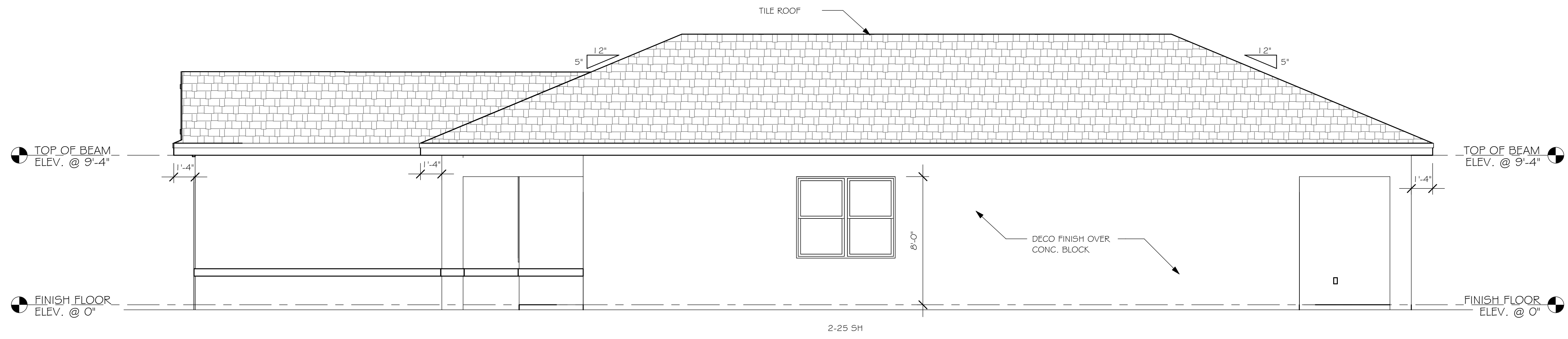
<h1 style="text-align: center; margin: 0;">SCOSTA CORP.</h1> 			
<p><b>WOOD, STEEL OR TIMBER ROOF &amp; FLOOR TRUSSES</b></p>			
<p>3670 COMMERCE CENTER DRIVE SEBRING, FL 33870 (863) 385-8242</p>			
SCALE: 1/4"=1'-0"	DATE: 09/12/18	REVISED BY: 02/13/20 CD	DRAWN BY: KRISTY
JOB ADDRESS: 1543 ELEVATION A/E GARAGE LEFT LEE/COLLIER/CHARLOTTE			1 OF 1
CUSTOMER: D.R. HORTON		JOB # 44118CANT	



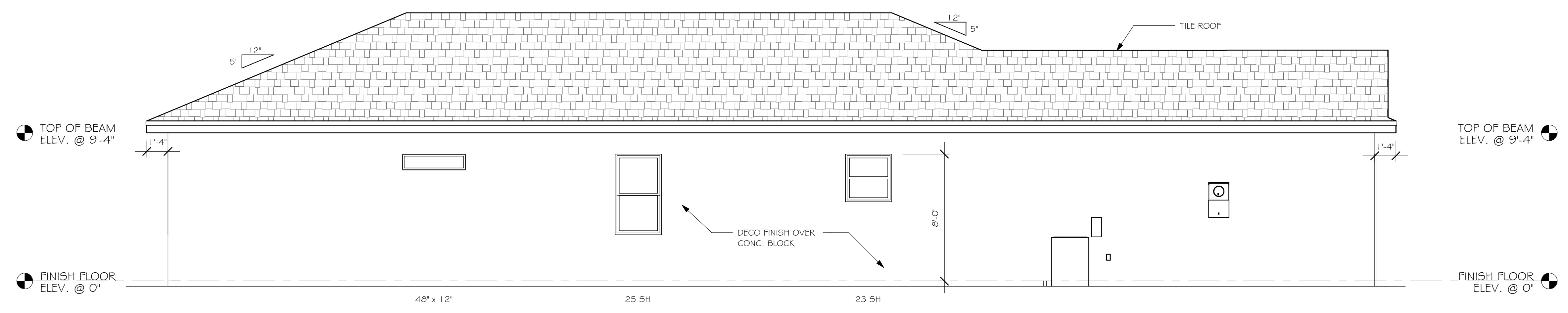
REAR ELEVATION "AL"  
1/4" = 1'-0"



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



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



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

DESIGN IN ACCORDANCE WITH THE RESIDENTIAL  
FLORIDA BUILDING CODE 2017 - 6TH EDITION



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

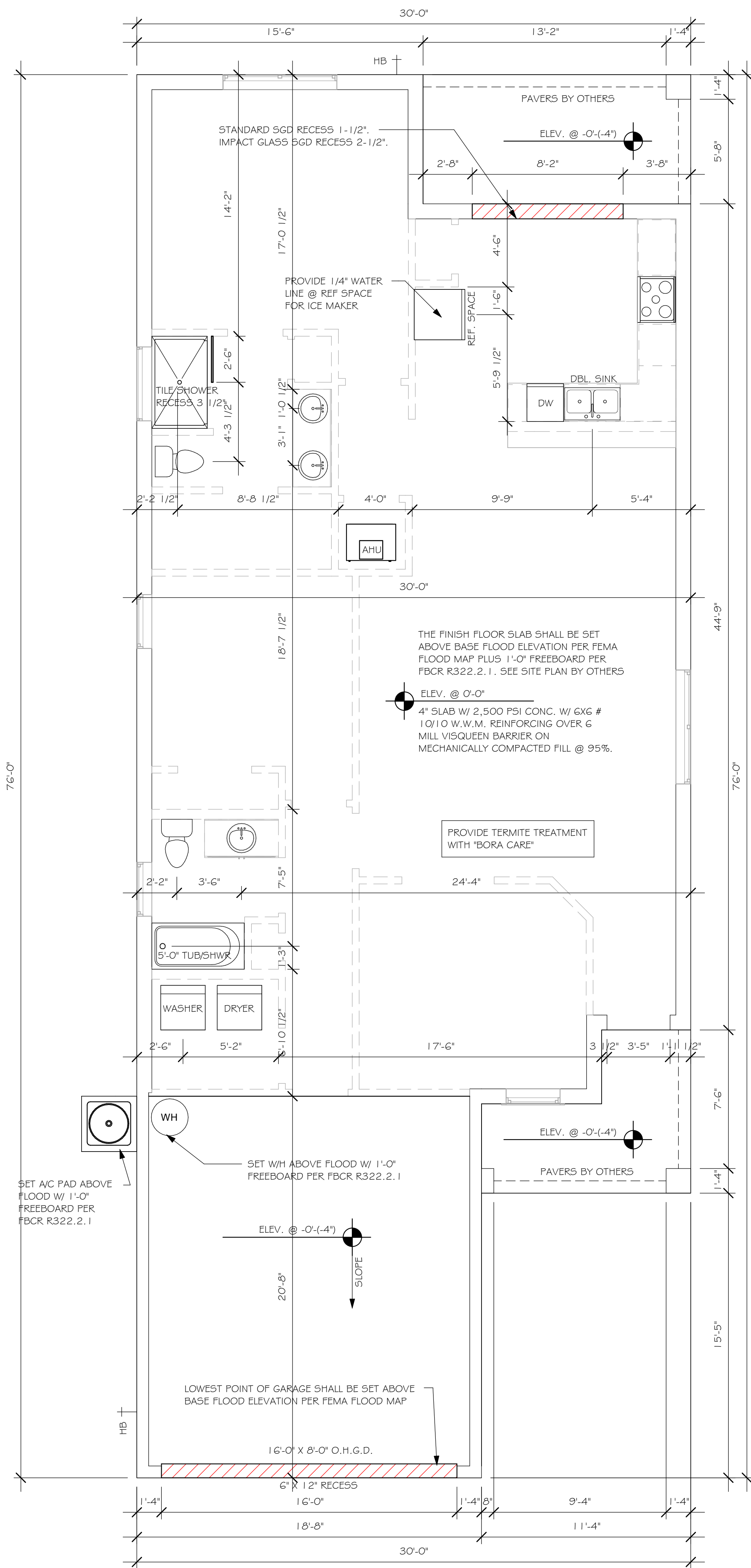
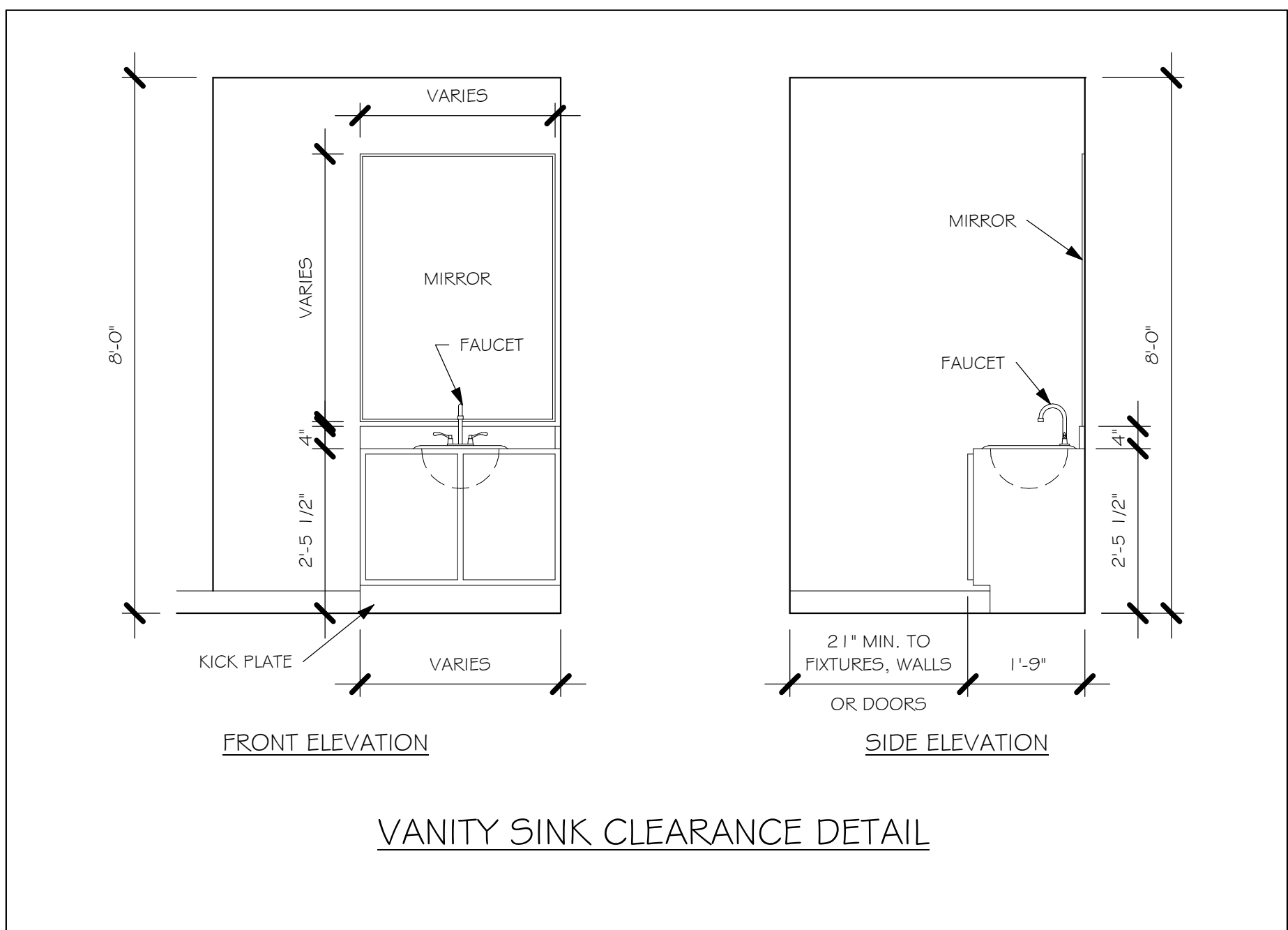
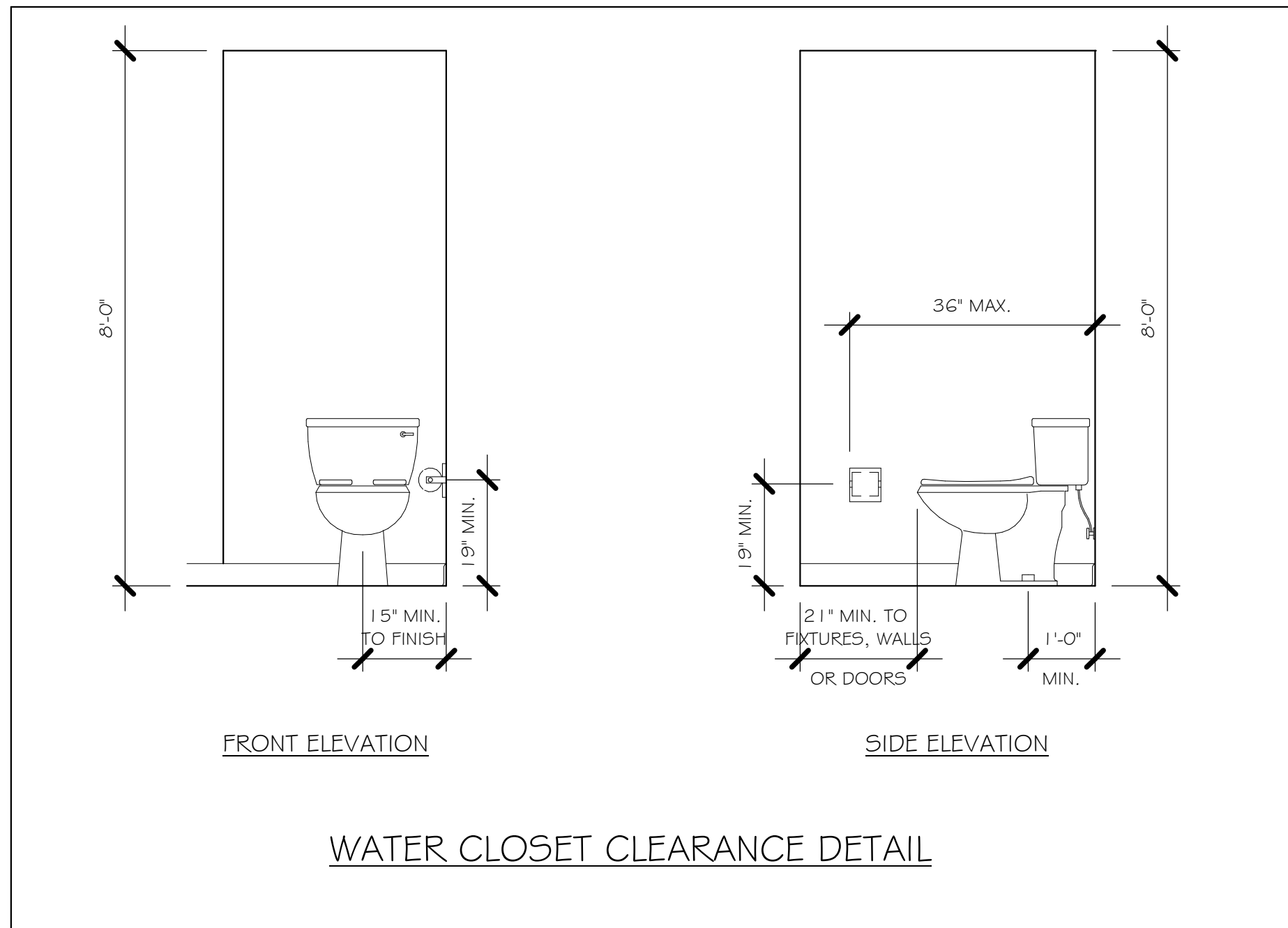


**Gulf Coast**  
Drafting & Design, Inc.  
EMAIL: PLANS@GULFCOASTDRAFTING.COM  
PHONE: 239-540-8222  
1515 SE 47th ST. CAPE CORAL, FL 33904

LOT: 78	SUBDIVISION: CASCADES AT RIVER HALL 45s	ADDRESS: 2107 SUMMERSWEET DR	D.R.H. #: 578660069	MODEL 1543	GCD JOB # 11524
DATE: 02/27/20				PLAN: ELEVATION	
DRAWN BY: JSL				SCALE: 1/4" = 1'-0"	
CHECKED BY: JWC				A-1 AL	
REVISED:					

L:\O-New Data\1-MASTER 2019\2019-BUILDERS\DRK HORTON  
2019\SUBDIVISIONS\CASCADES 65'S FREEDOM HOMES\11524 LOT 78 1543  
AUREV\11524 1543 AL.rvt





SLAB & PLUMBING PLAN "AL"

---

1/4" = 1'-0"

DESIGN IN ACCORDANCE WITH THE RESIDENTIAL  
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DOOR SCHEDULE						
MARK	DESCRIPTION	MANUFACTURER	HEIGHT	WIDTH	COMMENTS	QTY
1	16080 OHGD	GARAGE DOOR	8'-0"	16'-0"		1
2	3080 ENTRY		8'-0"	3'-0"		1
3	2-4080 SL. GL. DR.		8'-0"	8'-0"		1

WINDOW SCHEDULE						
MARK	DESCRIPTION	MANUFACTURER	HEIGHT	WIDTH	COMMENTS	QTY
A	25 SH		5'-1 1/2"	2'-1 1/2"		2
B	23 SH		3'-0"	2'-1 1/2"		1
C	2-25 SH		5'-1"	6'-2"		2
D	48" X 12"	FIXED GLASS	1'-0"	4'-0"		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. 702.3.5
9)	THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE & ATTIC BY NOT LESS THEN 1/2" GYPSUM BOARD APPLIED TO THE GARAGE SIDE. GARAGES BENEATH HABITABLE ROOMS SHALL BE SEPARATED WITH NOT LESS THAN 5/8" TYPE "X" GYPSUM BOARD OR EQUIVALENT. WHERE THE SEPARATION IS A FLOOR - CEILING ASSEMBLY, THE STRUCTURE SUPPORTING THE SEPARATION SHALL ALSO BE PROTECTED BY NOT LESS THAN 1/2" GYPSOM BOARD OR EQUIVALENT
10)	INSTALL 1 3/8" THICK SOLID WOOD DOOR BETWEEN LIVING AND GARAGE PER FLORIDA BUILDING CODE R302.1.5.
11)	ALL WINDOWS INSTALLED 72" ABOVE GRADE MUST COMPLY WITH RS1 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

SQUARE FOOTAGE	
LANAI AREA	102 SF
LIVING AREA	1544 SF
GARAGE AREA	383 SF
ENTRY AREA	74 SF
TOTAL AREA	2102 SF

INTERIOR DOOR SCHEDULE		
MARK	DOOR WIDTH	NOTES
1	3'-0"	P.K. = POCKET DOOR
2	2'-10"	B.F. = BI-FOLD DOOR
3	2'-8"	
4	2'-6"	B.P. = BI-PASS DOOR
5	2'-4"	
6	2'-0"	L.V. = LOUVERED DOOR
7	1'-8"	
8	1'-6"	

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

3'-2"

TOWEL BAR

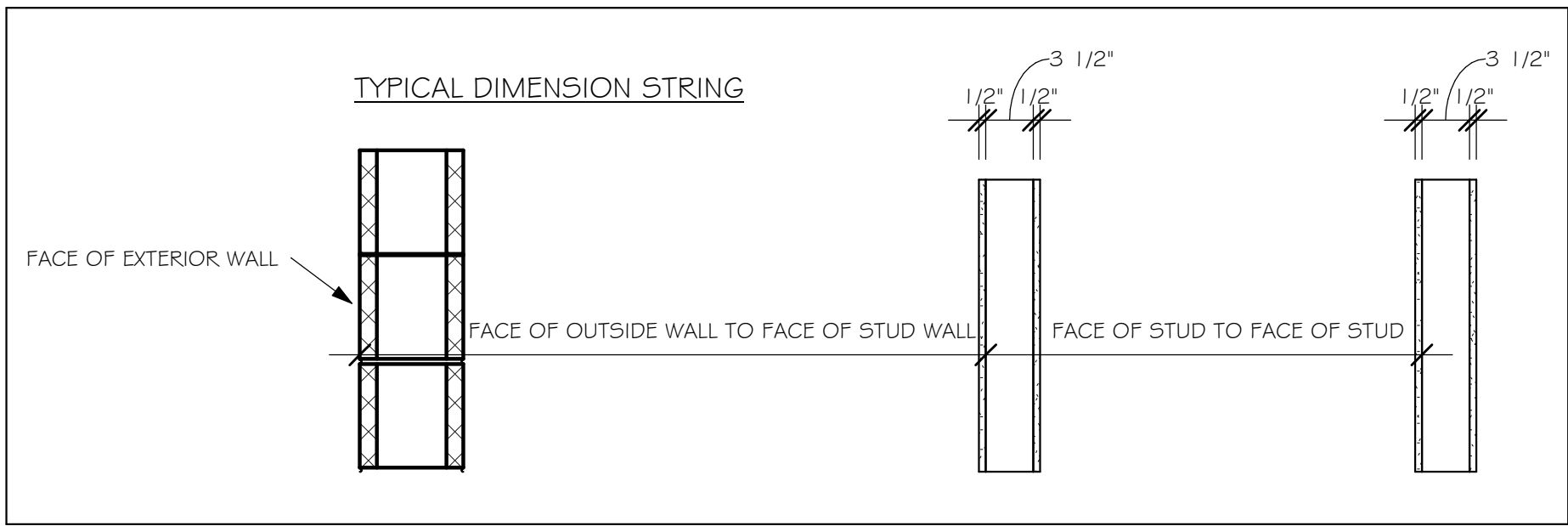
4'-0"

TOILET PAPER ROLL

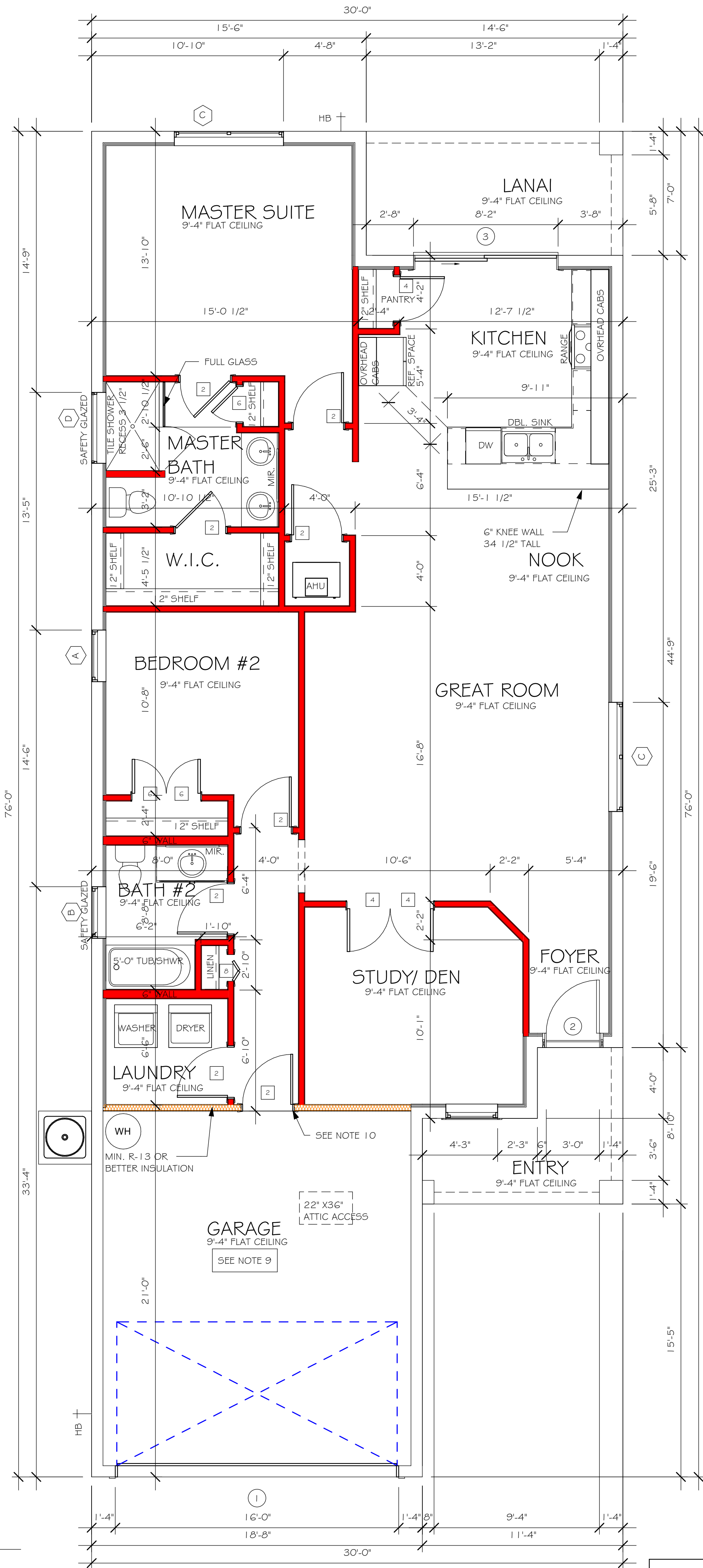
2'-6"

1'-8"

MIN.




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

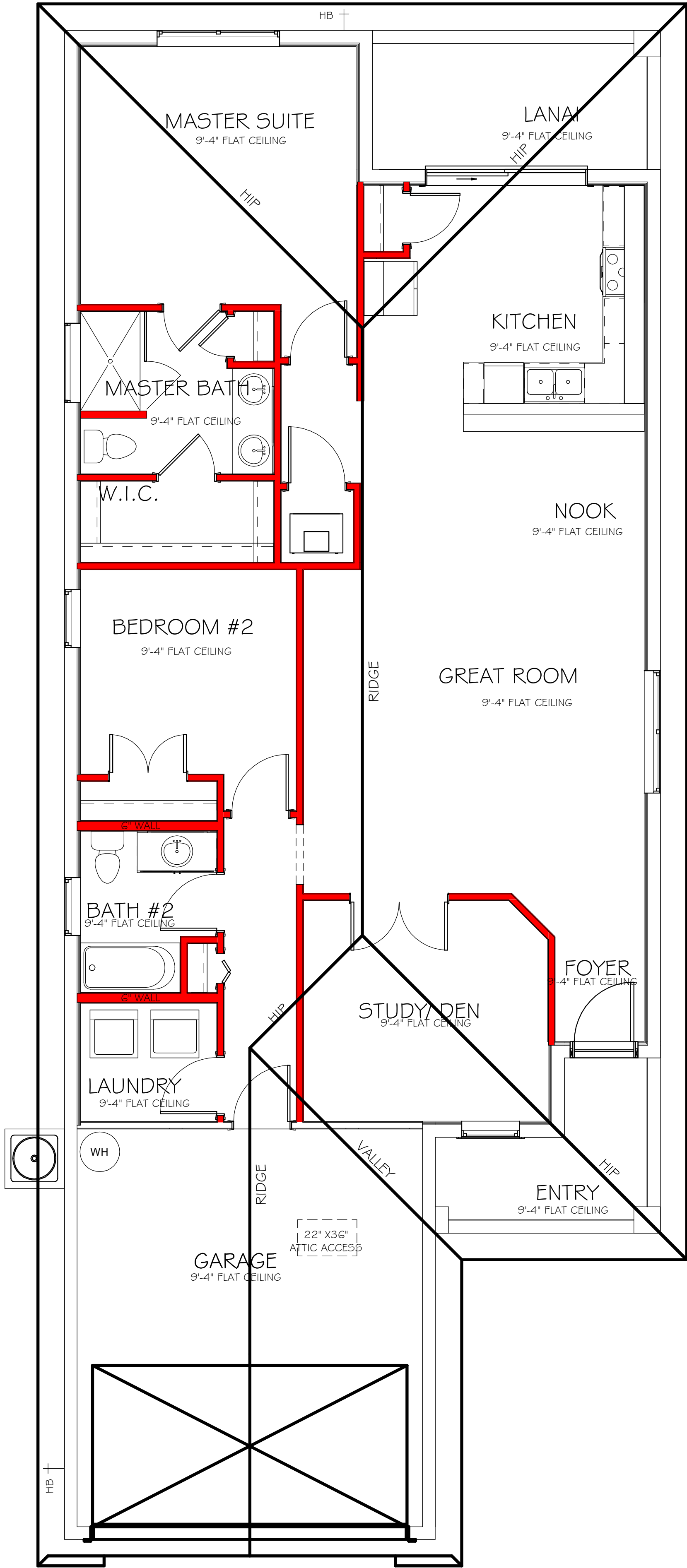
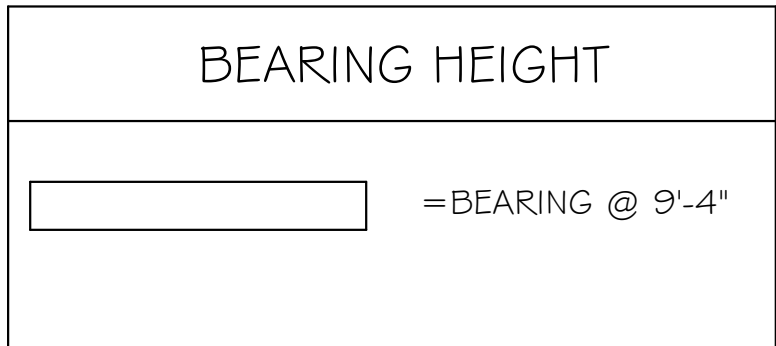


DESIGN IN ACCORDANCE WITH THE RESIDENTIAL FLORIDA BUILDING CODE 2017 - 6TH EDITION



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2019\SUBDIVISIONS\CASCADES 65'S FREEDOM HOMES\11524 LOT 78 1543  
AUREV\11524 1543 AL.rvt

MODEL 1543 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			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	2384.4 SQ. FT.	279.1 SQ. FT.	15.9 SQ. FT.	5.70%	0.15%	...	...	...	...
			"SOFFIT ONLY" QUALIFIES			ROOF VENTS ARE NOT REQUIRED			
			SOFFIT MODEL  ACM QUAD 4, FULL VENT, NARROW PATTERN, 0.15% FREE AIR FLOW			ROOF VENT MODEL 32" BASE 25 3/8" BASE  LOMANCO 770-D 0.97 SQ. FT. FREE AIR			

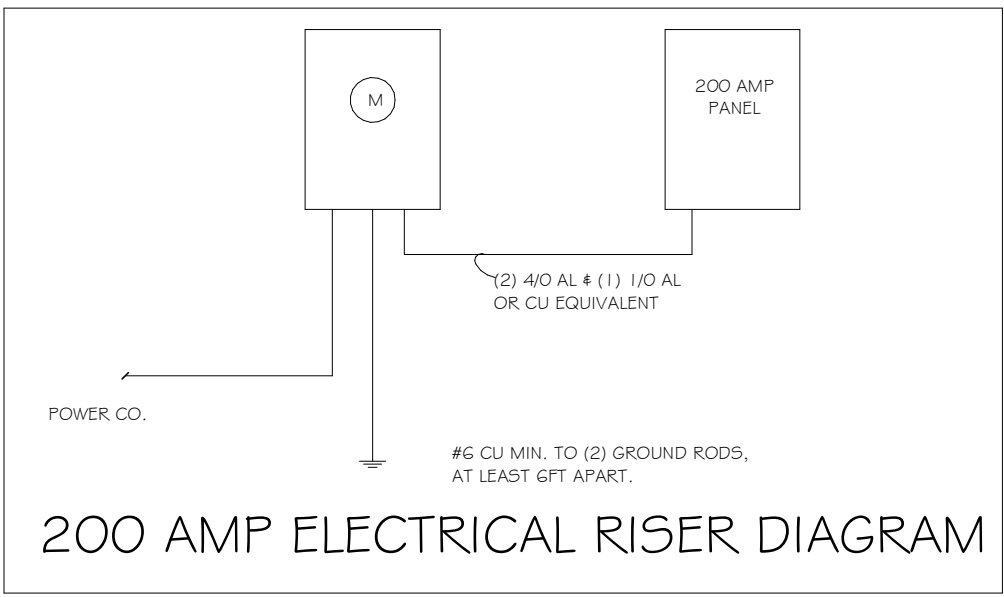


ROOF PLAN "AL"  
1/4" = 1'-0"

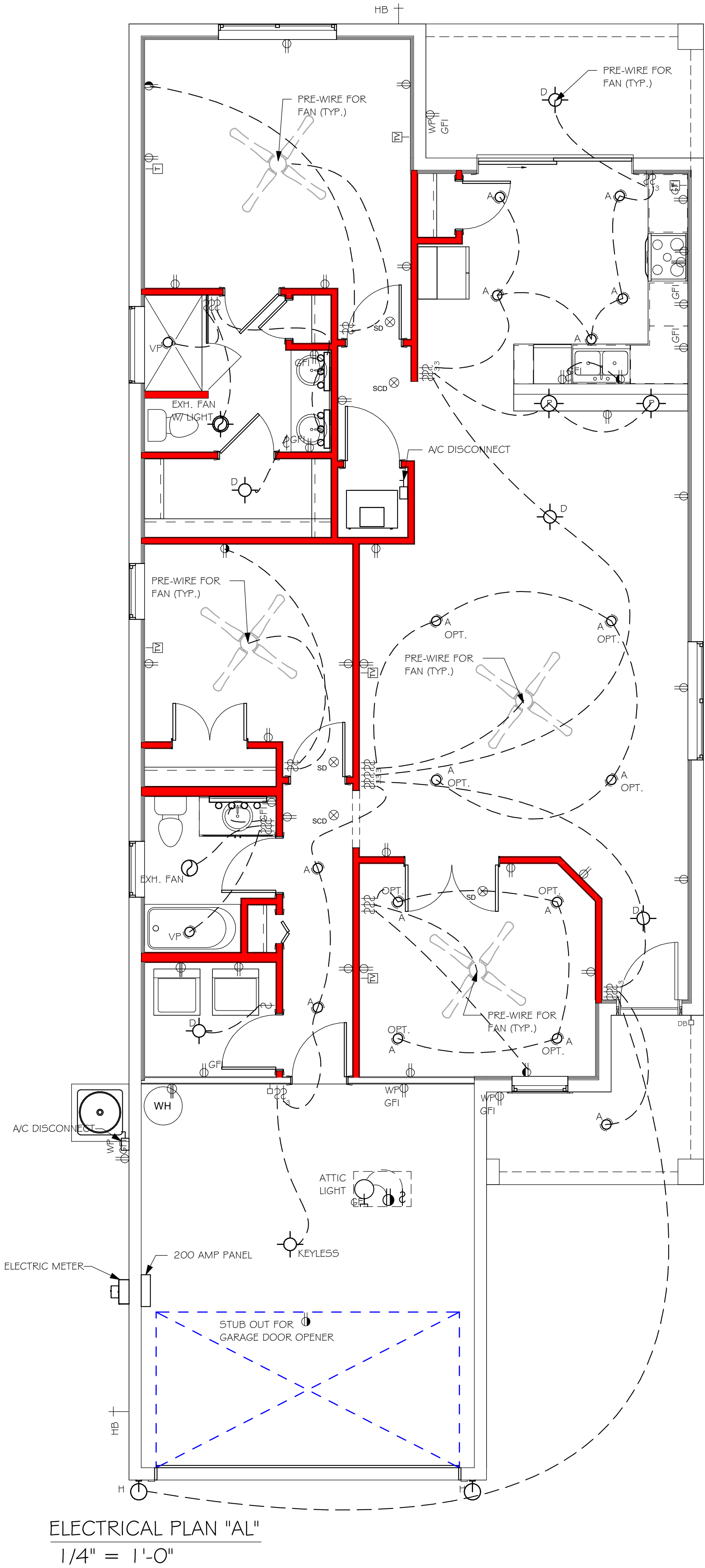
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FLORIDA BUILDING CODE 2017 - 6TH EDITION

L:\O-New Data\1 -MASTER 2019\2019-BUILDERS\DK HORTON  
2019\5\BID\DIVISIONS\CASCADES 65'S FREEDOM HOMES\11524 LOT 78 1543  
AUREV\11524 1543 AL.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 ELEVATIONS 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 2014	



ELECTRICAL PLAN 1543		
200 AMP SERVICE		
TAG	QUANTITY	PRODUCT
A	(11)	(FLUSH MOUNTED LT)
B	(1)	(VAPORS)
C	(3)	(PENDANT LIGHT
D	(8)	(10" MUSHROOMS)
E	(2)	(24" 3 LT)
F	(1)	(36" 4 LT)
G	(X)	(NOT USED)
H	(2)	(COACH LIGHTS)
I	(X)	(COACH LIGHTS)
J	(1)	(J BOX)
K	(1)	(4' FLUORESCENT)
L	(X)	(2' FLUORESCENT)
M	(X)	(5LT CHANDELIER)
N	(X)	(3 LT)
O	(X)	(PENDANT/ NOOK)
P	(X)	(X)
Q	(X)	(X)



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America's Builder

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PHONE: 239-540-1822  
1515 SE 47th ST. CAPE CORAL, FL 33904

LOT: 78

SUBDIVISION: CASCADES AT RIVER HALL 45s

ADDRS: 2107 SUMMERSWEET DR

D.R.H. #: 578660069

MODEL  
1543

GCD JOB # 11524

DATE:  
02/27/20

DRAWN BY:  
JSL

CHECKED BY:  
JWC

REVISED:

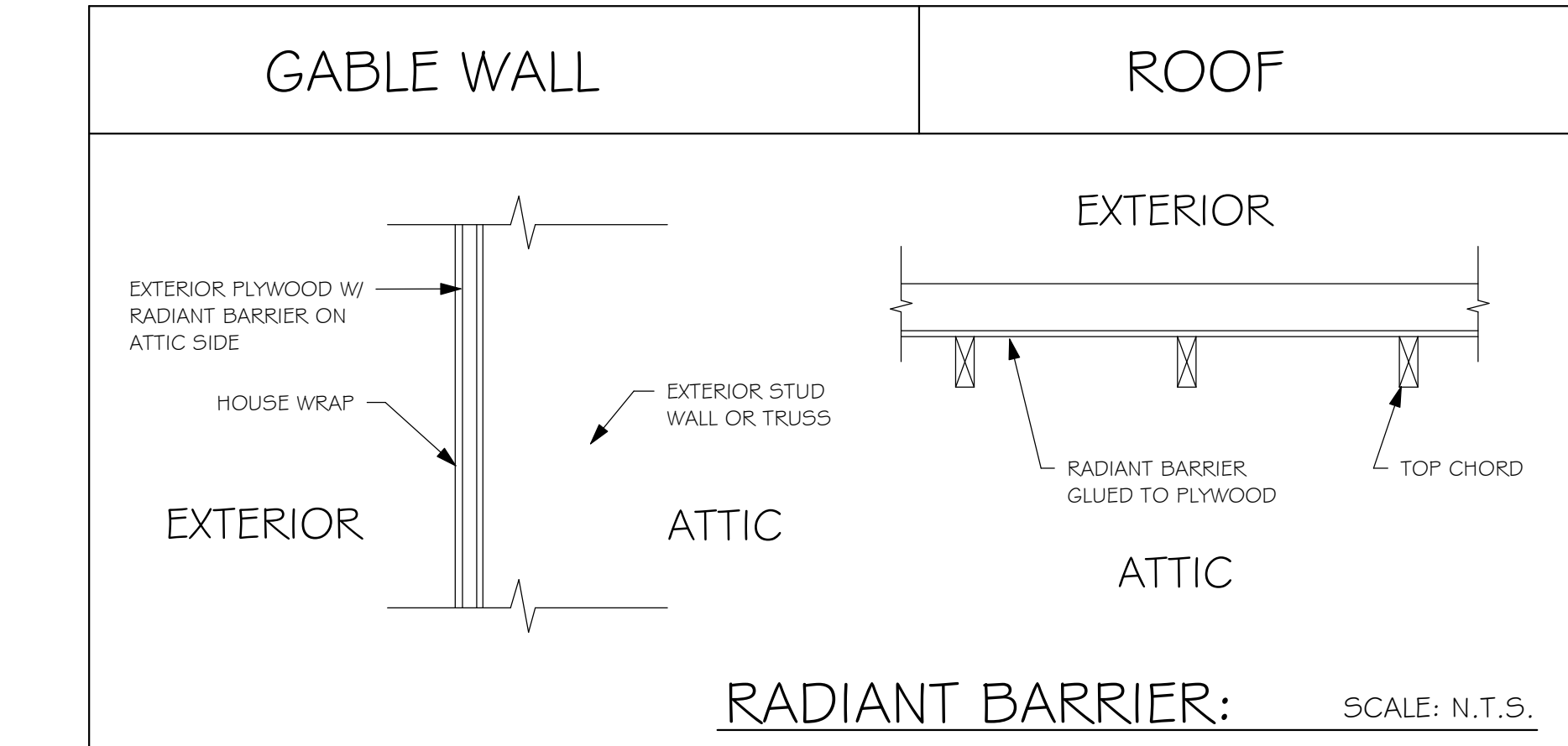
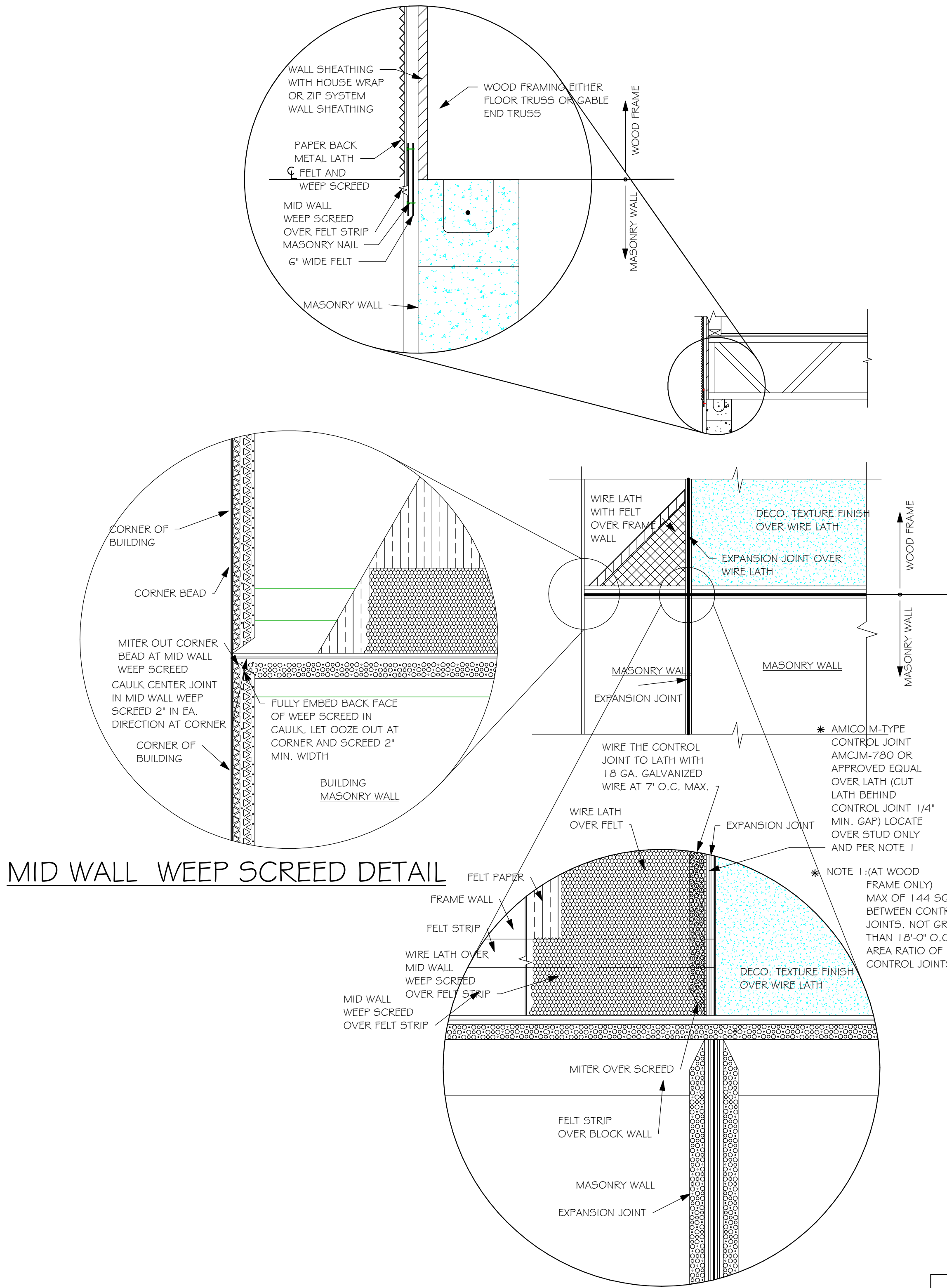
PLAN:  
ELECTRICAL

SCALE:  
As indicated

A-5 AL



L:\O-New Data\1 - MASTER 2019\2019-BUILDERS\DR HORTON  
-2019\5\DIVISIONS\CASCADES 65'S FREEDOM HOMES\11524 LOT 78 1543  
AUREV\11524 1543 AL.nc



NOTE: EXTERIOR WALLS ADJACENT TO ATTIC SPACE, INCLUDING KNEEWALLS AND GABLE END WALLS, MUST HAVE RADIANT BARRIER AND HOUSE WRAP.

## 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.

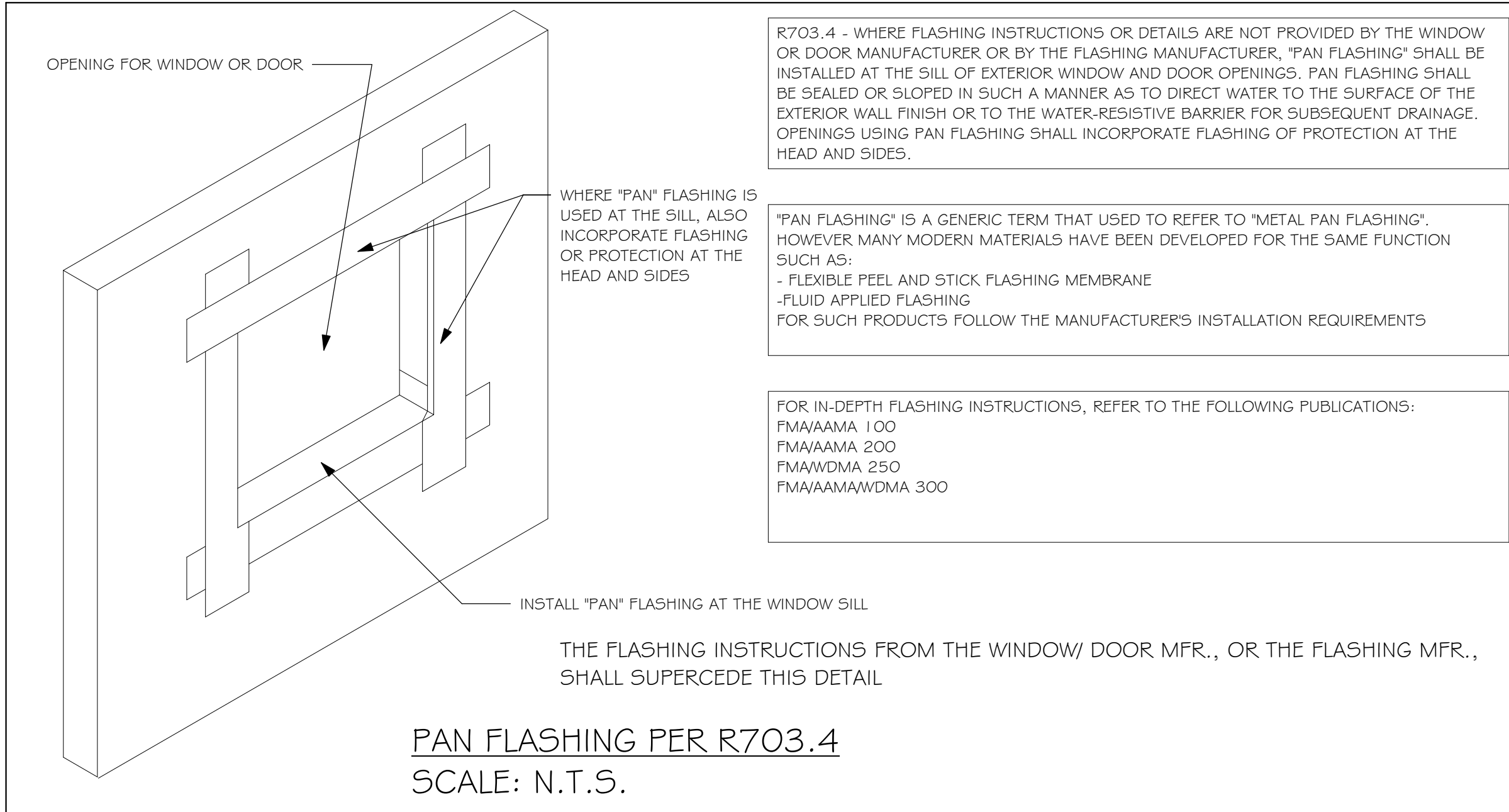
2

### GENERAL ROOF ASSEMBLY

**ROOF SHEATHING**  
SHALL BE APA RATED SHEATHING, EXPOSURE 1, SPAN RATING 24/16 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 8d RING SHANK NAILS @ 4" O.C. EDGE AND 6" O.C. FIELD. ENSURE THAT ALL NAILS PENETRATE THE TOP CHORD OF THE TRUSSES WITHOUT SPLITTING. RING SHANK NAILS PER R803.2.3.1 - 0.113" NOMINAL SHANK DIAMETER, RING DIAMETER OF 0.012" OVER SHANK DIAMETER, 16 TO 20 RINGS PER INCH, 0.280" DIAMETER FULL ROUND HEAD, 2" NAIL LENGTH.

**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 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.



R703.4 - WHERE FLASHING INSTRUCTIONS OR DETAILS ARE NOT PROVIDED BY THE WINDOW OR DOOR MANUFACTURER OR BY THE FLASHING MANUFACTURER, "PAN FLASHING" SHALL BE INSTALLED AT THE SILL OF EXTERIOR WINDOW AND DOOR OPENINGS. PAN FLASHING SHALL BE SEALED OR SLOPED IN SUCH A MANNER AS TO DIRECT WATER TO THE SURFACE OF THE EXTERIOR WALL FINISH OR TO THE WATER-RESISTIVE BARRIER FOR SUBSEQUENT DRAINAGE. OPENINGS USING PAN FLASHING SHALL INCORPORATE FLASHING OF PROTECTION AT THE HEAD AND SIDES.

"PAN FLASHING" IS A GENERIC TERM THAT USED TO REFER TO "METAL PAN FLASHING". HOWEVER MANY MODERN MATERIALS HAVE BEEN DEVELOPED FOR THE SAME FUNCTION SUCH AS:  
- FLEXIBLE PEEL AND STICK FLASHING MEMBRANE  
- FLUID APPLIED FLASHING  
FOR SUCH PRODUCTS FOLLOW THE MANUFACTURERS INSTALLATION REQUIREMENTS

FOR IN-DEPTH FLASHING INSTRUCTIONS, REFER TO THE FOLLOWING PUBLICATIONS:  
FMA/AAMA 100  
FMA/AAMA 200  
FMA/WDMA 250  
FMA/AAMAWDMA 300

### ASPHALT SHINGLE ROOF SPECS

#### SHINGLES

15# 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 MANUFACTURES 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.

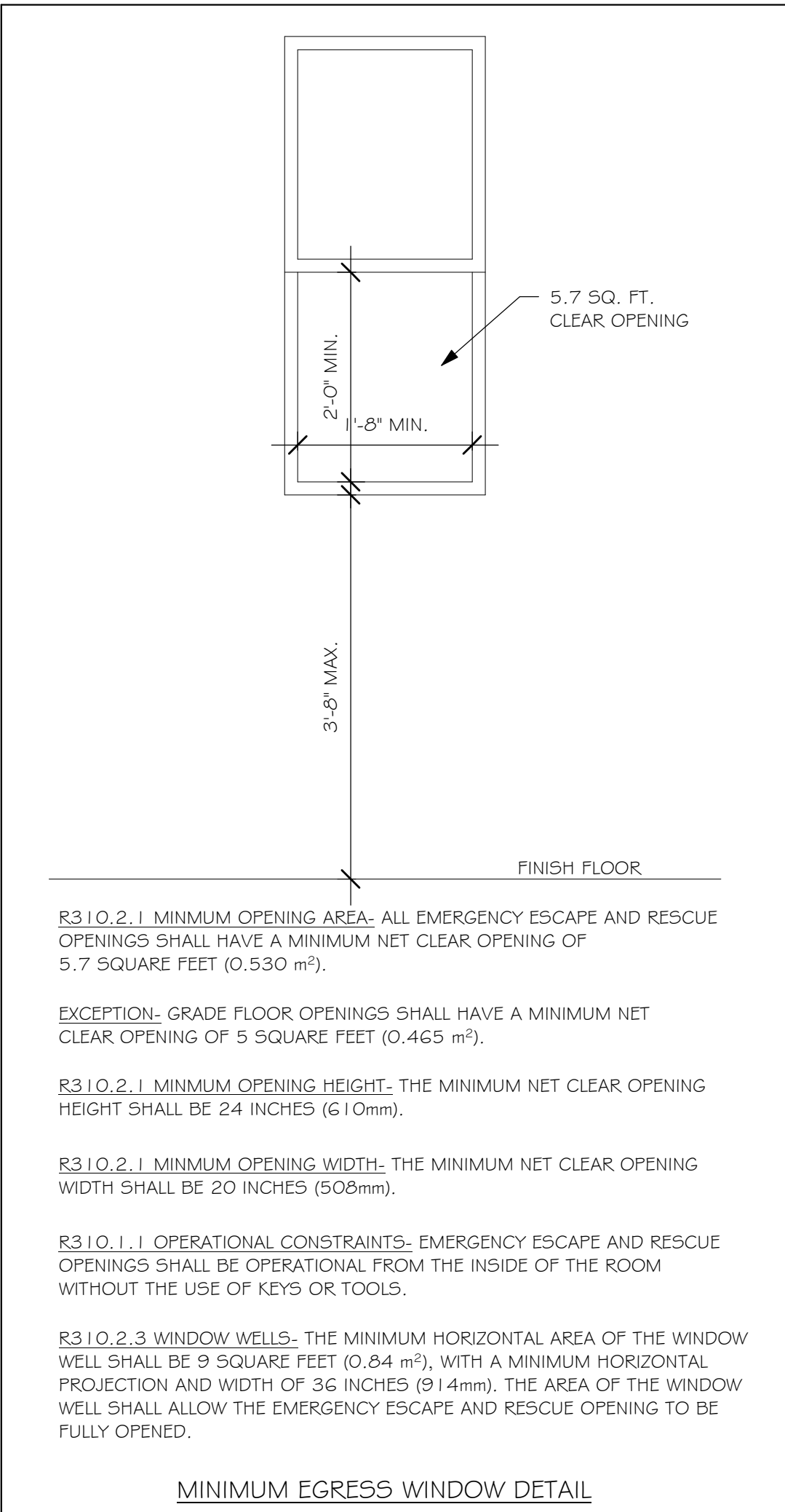
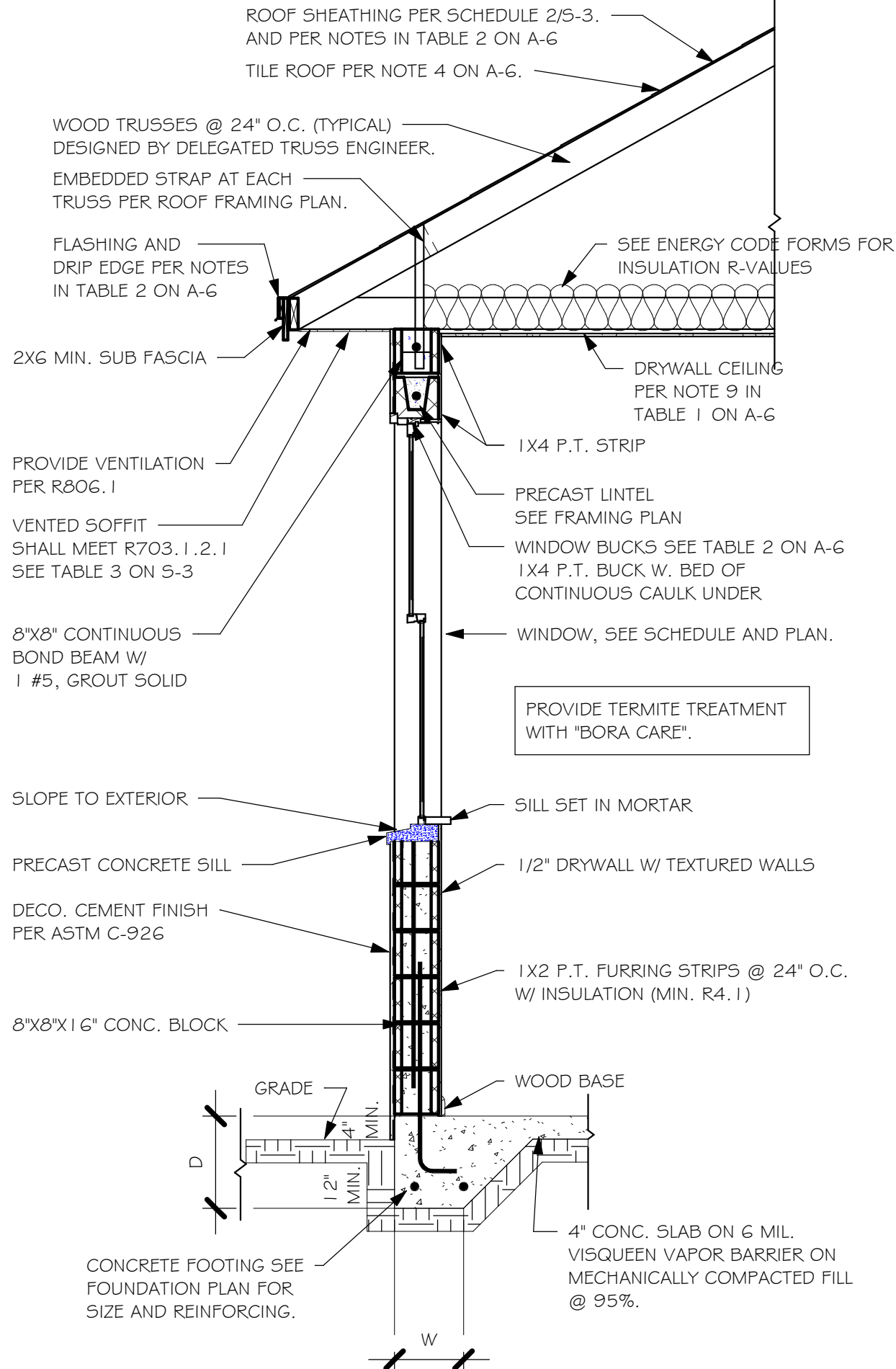
APPLICATION SPECIFICATIONS: THE TILE MANUFACTURER'S WRITTEN APPLICATION SPECIFICATIONS SHALL BE AVAILABLE AND SHALL INCLUDED BUT NOT BE LIMITED TO THE FOLLOWING:

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.

5

### FLOOR SHEATHING AT 2ND FLOOR

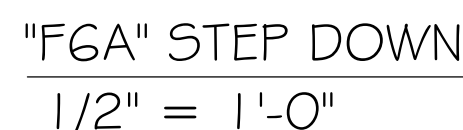
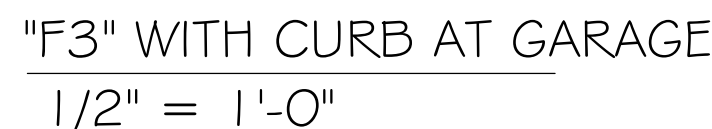
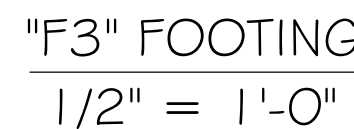
A.P.A. RATED STURDI-FLOOR, EXPOSURE 1, TONGUE & GROOVE EDGES SPAN RATING 48/24 OR BETTER, GLUED AND NAILED











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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.



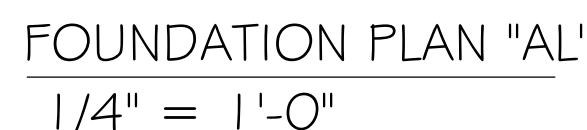
USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINFORCING	SHAPE
	F1	CONT.	1'-4"	0'-8"	2-#5	
	F2	CONT.	1'-8"	0'-10"	2-#5	
X	F3	CONT.	1'-0"	1'-8"	2-#5	
	F4	CONT.	1'-4"	1'-8"	2-#5	
	F5	CONT.	1'-4"	1'-0"	2-#5	
	F6	CONT.	1'-4"	1'-0"	2-#5	
X	F6A	CONT.	0'-8"	0'-8"	1-#5	
	TE	CONT.	0'-8"	0'-8"	1-#5	

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

#5 VERTICAL @ DOT LOCATION (48  
O.C. MAX) IN GROUTED CELL W/ 7"  
HOOK INTO BOND BEAM



INDICATES (1) #5 VERTICAL BAR  
IN GROUTED CELL. LAP 25" W/ #  
5 DOWEL OUT OF SLAB W/ 7"  
HOOK INTO TOP OF BOND BEAM  
@ 48" O.C. MAX.



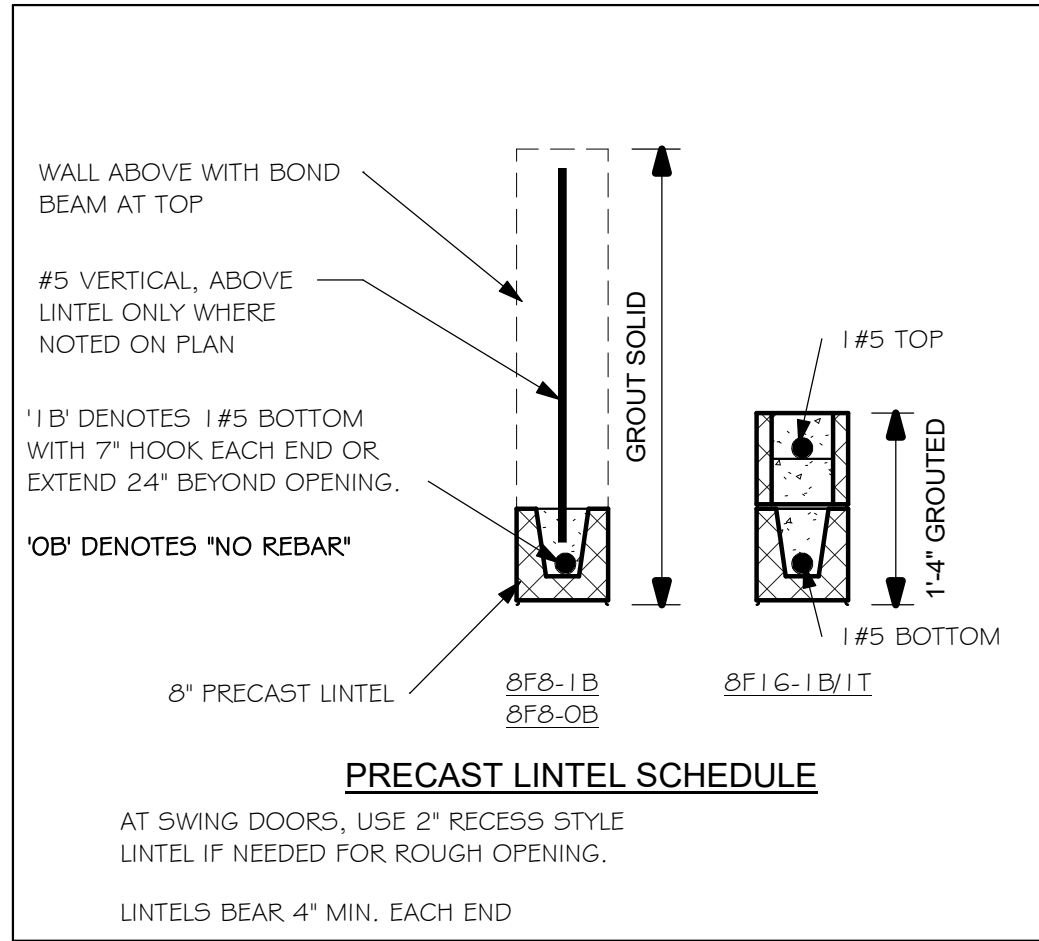
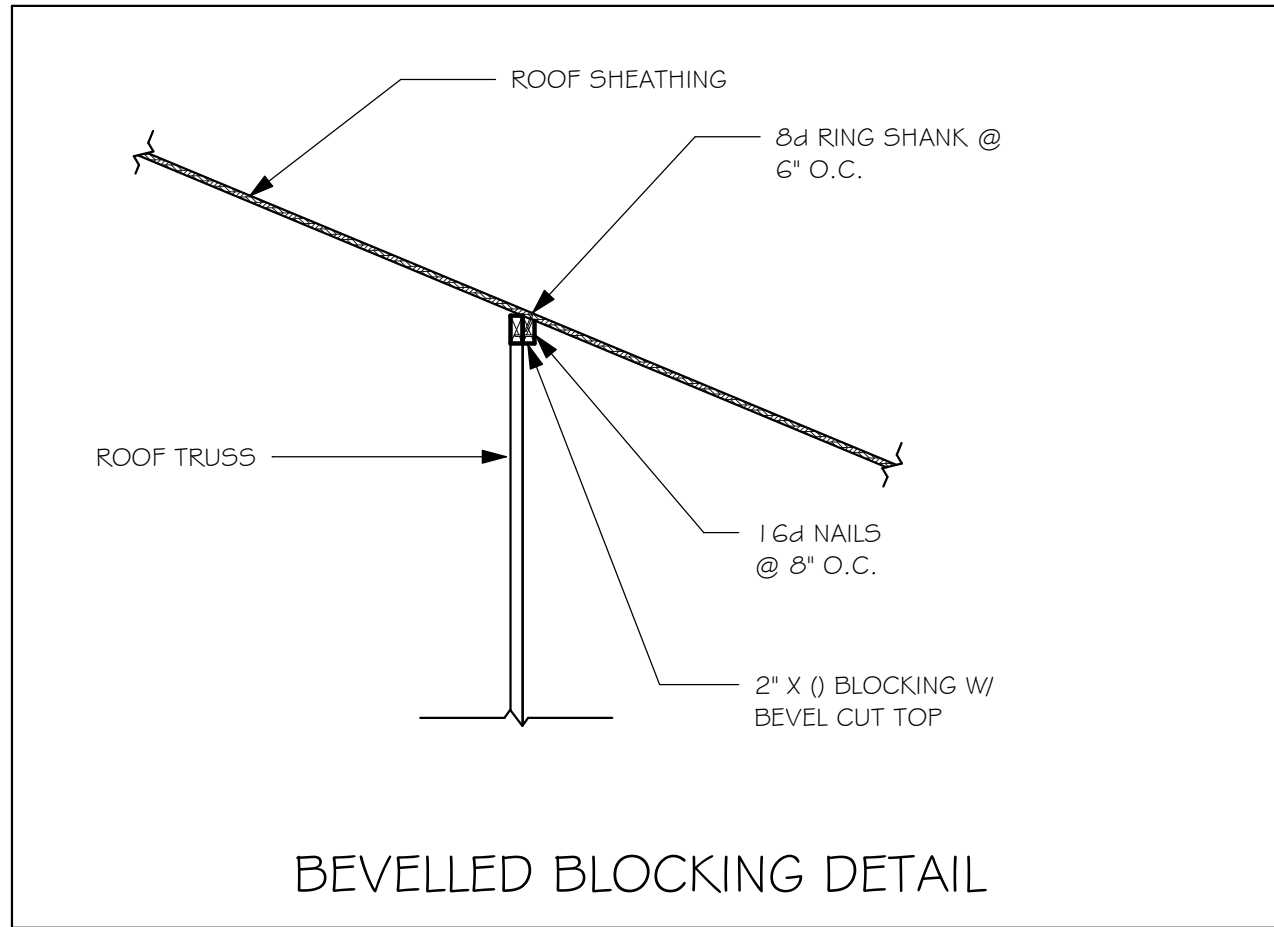
DESIGN IN ACCORDANCE WITH THE RESIDENTIAL  
FLORIDA BUILDING CODE 2017 - 6TH EDITION



TRUSS STRAPPING TO MASONRY		
MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER
INSTALL META 1 G AT ALL TRUSSES TO 1450 lb UPLIFT. FOR HIGHER UPLIFTS, SEE NOTES ON PLAN.		
1450	(1) META 1 G TO 40	8-0.148x1 1/2", EMBED 4"
1810	(1) HETA 1 G TO 40	9-0.148x1 1/2", EMBED 4"
2120	(1) HETA 1 G TO 40	10-0.148x1 1/2", EMBED 4"
1875 (1 PLY)	(2) META 1 G TO 40	10-0.148x1 1/2", EMBED 4"
1795 (2 PLY)	(2) META 1 G TO 40	14-0.162x3 1/2", EMBED 4"
2365 (2 PLY)	(2) HETA 1 G TO 40	12-0.162x3 1/2", EMBED 4"
2365 (2 PLY)	(2) HETA 1 G TO 40	12-0.162x3 1/2", EMBED 4"
3965/SYP 3330/SFP	MGT (2 PLY)	22-0.148x3" ATR, EPOXY 12"
4235/SYP 3640/SFP	HTT4	18-0.162x2 1/2", 5/8" ATR, EPOXY 12"
4670/SYP 4015/SFP	HTT5	26-0.148x3", 5/8" ATR, EPOXY 12"
5445/SYP 5360/SFP	HTT5KT	26-5D#10x2 1/2", 5/8" ATR, EPOXY 18"
10690/SYP 10690/SFP	(1)HGT - 2	16-0.148x3" TO GIRDER, (2)3/4" ATR, EPOXY 12"
10790/SYP 10790/SFP	(1)HGT - 3	16-0.148x3" TO GIRDER, (2)3/4" ATR, EPOXY 12"

- NOTES:
- PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE AND SUITABLE FOR THE GEOMETRY. EMBED STRAP ON -C OF WALL.
  - CONNECTORS ARE SIMPSON STRUCTURAL CONNECTORS. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS. SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE ENGINEER OF RECORD.
  - WHERE EMBEDDED STRAPS ARE MISSING, OR MIS-LOCATED, INSTALL RETROFIT STRAP PER 10/5-3.

R4-Q2 1020



TRUSS STRAPPING TO STUDWALL/ WOOD BEAM		
MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER
INSTALL AT ALL TRUSSES TO 840 lb UPLIFT. FOR HIGHER UPLIFTS, SEE NOTES ON PLAN.		
850	(1)MTS 1 G TO 20	14-10dx1 1/2"
1700	(2) MTS 1 G TO 20	14-10dx1 1/2"
2550	(3) MTS 1 G TO 20	14-10dx1 1/2"
1125	(1) HTS20 TO 30	24-10dx1 1/2"
2250	(2) HTS20 TO 30	24-10dx1 1/2"
3375	(3) HTS20 TO 30	24-10dx1 1/2"
4500	(4) HTS20 TO 30	24-10dx1 1/2"

- NOTES:
- PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE.
  - CONNECTORS ARE SIMPSON SRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS.

R2

#### PLAN NOTES:

- ROOF TRUSS BEARING ELEVATION VARIES, SEE LEGEND.
- ROOF FRAMING SHALL BE WOOD TRUSSES DESIGNED BY A DELEGATED TRUSS ENGINEER PER DESIGN CRITERIA ON SHEET S-3.
- PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS SHEET.
- FOR NAILING OF ROOF DECK, SEE 1 AND 2 ON S-3.
- 8F8-1B etc., DENOTES PRECAST LINTEL ABOVE DOOR/WINDOW OPENING PER SCHEDULE THIS SHEET.
- AT TRUSS BEARING, PROVIDE 8x8 MASONRY BOND BEAM W/ 1 #5 CONTINUOUS, SEE DETAIL 11/5-3.



TRUSS BEARING CONDITIONS AND STRAPPING IS BASED ON TRUSS LAYOUT PREPARED BY SCOSTA JOB# 44118 DATED: 09/12/18 REVISED: 02/13/20

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" GYPSUM BOARD OR EQUIVALENT.

8x8 CONTINUOUS MASONRY BOND BEAM AT TOP OF WALL W/ 1 #5 BAR. PROVIDE CORNER BARS PER S/5-3

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

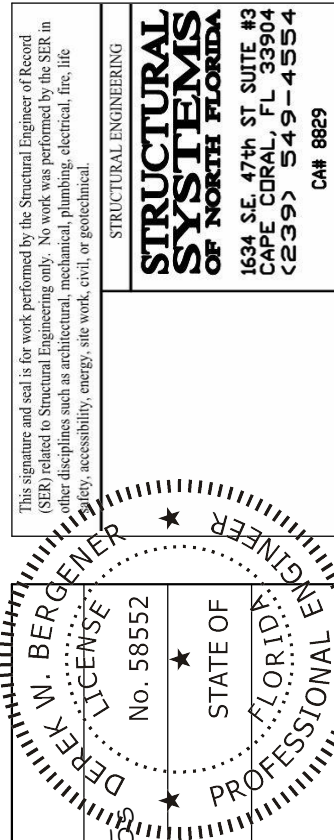
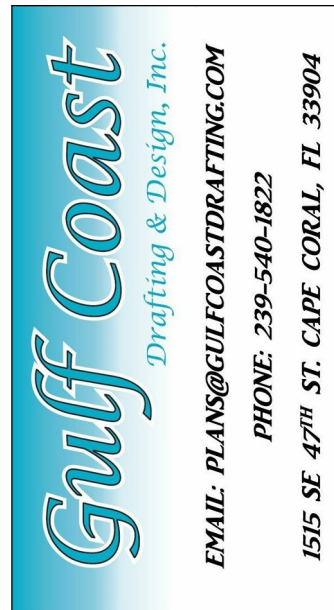
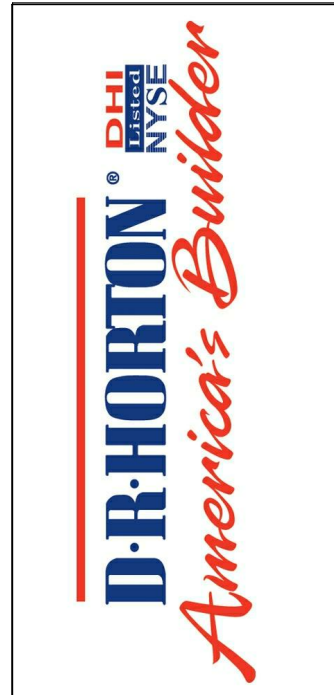
META 1 G @ 32" O.C. @ INSIDE FACE OF GABLE

SET BOTTOM OF 8F8-1B LINTEL AT GARAGE DOOR HEAD HEIGHT, ADD COURSING TO TOP OF WALL @ 9'-4" W/ 8x8 BOND BEAM W/ (1) #5 GROUT SOLID.

#### ROOF FRAMING PLAN "AL"

1/4" = 1'-0"

DESIGN IN ACCORDANCE WITH THE RESIDENTIAL FLORIDA BUILDING CODE 2017 - 6TH EDITION



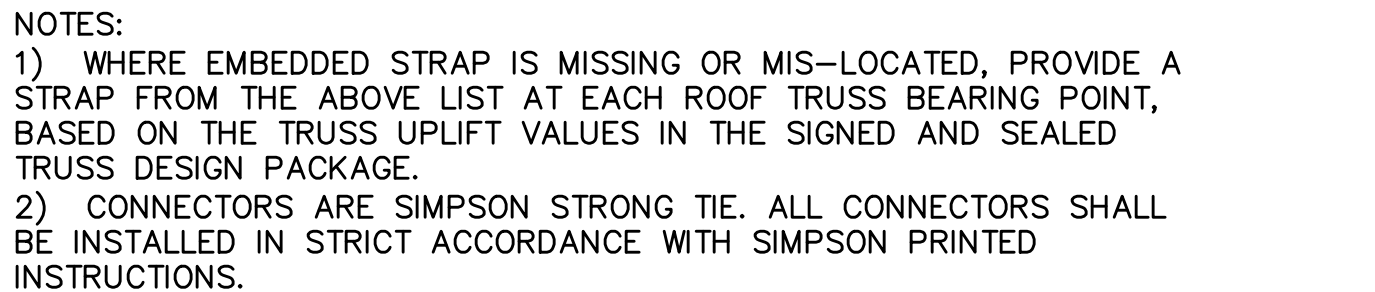
LOT: 78  
SUBDIVISION: CASCADES AT RIVER HALL 41  
ADDRESS: 2107 SUMMERSWEET DR  
D.R.H. #: 578660069

MODEL  
1543  
GCD JOB # 11524

DATE: 02/27/20  
DRAWN BY: JSL  
CHECKED BY: JWC  
REVISED:  
PLAN: ROOF FRAMING PLAN  
SCALE: As indicated

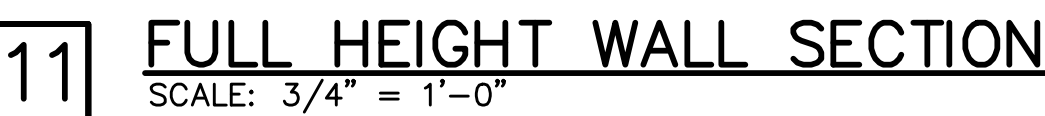
S-2 AL





## 10 RETROFIT UPLIFT CONNECTOR SCHEDULE

NOTE: EXTERIOR CEILINGS AND SOFFITS 1) AND 2) SPECIFIED  
HERE MEET THE DESIGN WIND PRESSURES PER R703.1.2.1.



- 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 SHAPE IN 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 BY THE AUTHORITY HAVING JURISDICTION.

END ZONE 5 PRESSURE AT "PRIMARY" OUTSIDE OF BUILDING (BOLD LINE)

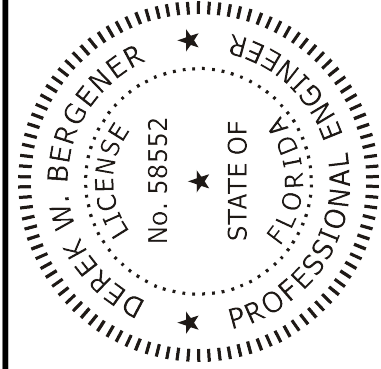
INTERIOR ZONE 4 PRESSURES

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



STRUCTURAL ENGINEERING:  
**STRUCTURAL  
SYSTEMS**  
OF NORTH FLORIDA

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



BUILDER:

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**D·R·HORTON** • RHI  
NYSE

*America's Builder*

**STRUCTURAL DETAILS**  
**MODEL 1543 A**  
2107 SUMMERSWEET DRIVE  
ALVA, FLORIDA  
LOT: 78 SUBDIVISION: CASCADES AT RIVER HALL

DESIGN/DRAWN
DWB/DWB
CHECKED
DWB
DATE
02/28/20
SCALE
VARIES
JOB NO.
DR11524
SHEET

S-3

SHEET 3 OF 3

FOR SCOSTA TRUSSES, ELEVATION A & E, JOB # 44118CANT, DATED: 09/12/18, REVISED: 02/13/20