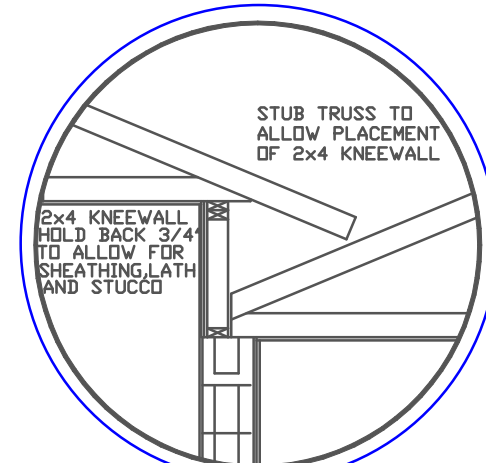
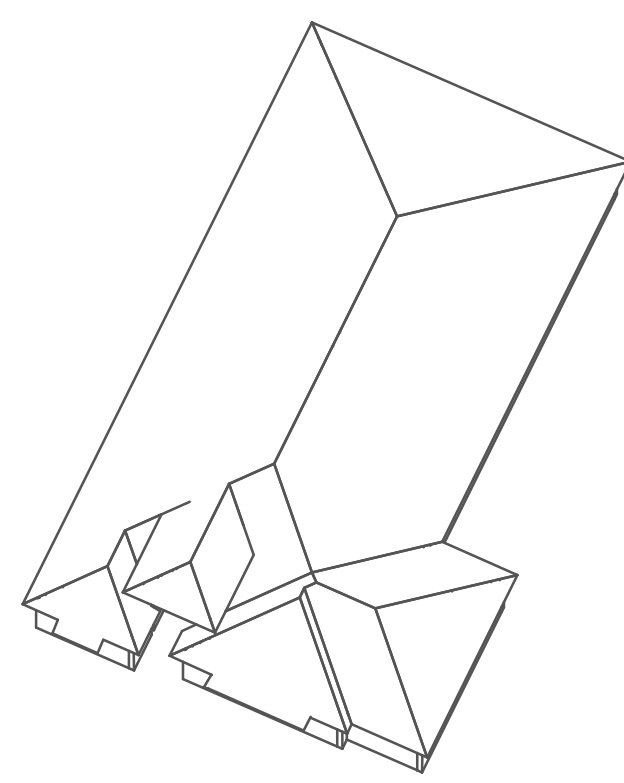
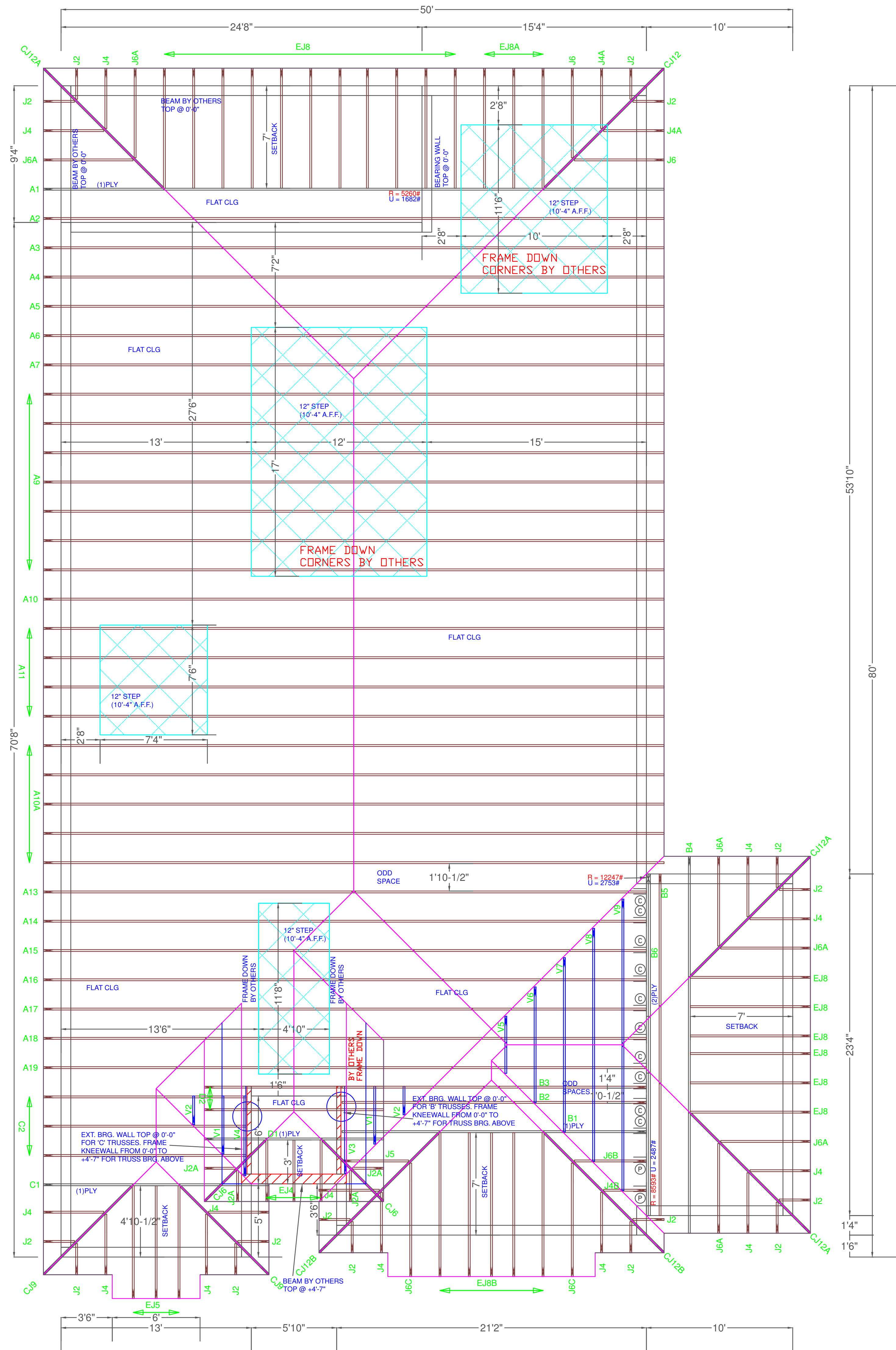
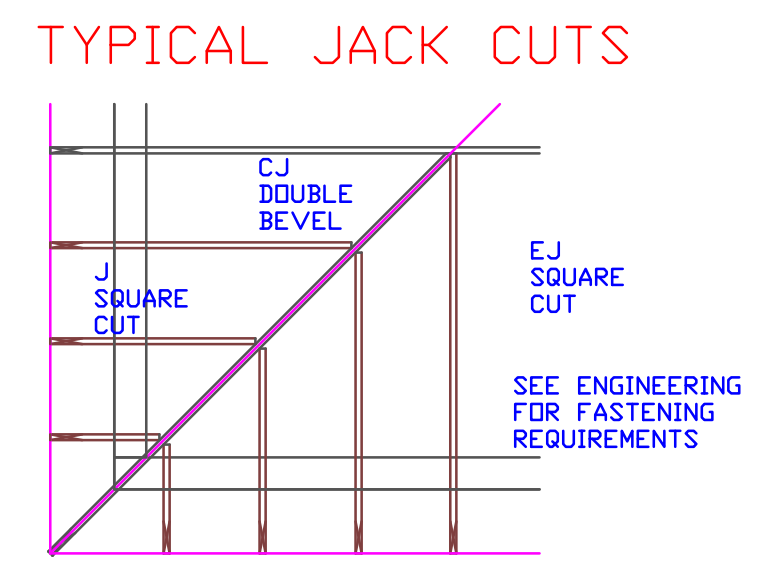




STRUCTURAL SUB-FASCIA BEAM & CONNECTIONS
DESIGNED & PROVIDED BY OTHERS TO
SUPPORT REACTIONS & UPLIFTS SHOWN,
SUB-FASCIA BEAM TO BE SUPPORTED BY CJ6
& MIN. (3) ADJACENT TRUSSES.
REACTIONS AND UPLIFTS
FOR
J2A
R=110#
U=19#
RL=46#



DESIGN CRITERIA

TOP CHORD LIVE LOAD	20
TOP CHORD DEAD LOAD	20
BOTTOM CHORD LIVE LOAD NON-CONCURRENT	10#
BOTTOM CHORD DEAD LOAD	10
TOTAL LOAD	50
DURATION FACTOR	1.25
WIND DESIGN SPEED (MPH)	160
ASCE 7-16 CAT II EXP C MWFRS	
CLOSED	FBC 2020
MAX. WALL HT FOR WIND LOAD	13'-11"

LANAI AND ENTRY ARE EXPOSED TO WIND AND DESIGNED PER CRITERIA SHOWN

TILE

****UNLESS NOTED****

REACTION VALUES ARE UNDER 5000#

UPLIFT VALUES ARE UNDER 1000#

ALL TRUSSES 24\"/>

*******CAUTION*******

DO NOT ATTEMPT TO ERECT TRUSSES WITHOUT REFERRING TO THE ENGINEERING DWGS.

IT IS NECESSARY TO REFER TO THE ENGINEERING DRAWINGS FOR NUMBER OF MEMBERS, BEARING LOCATION, ORIENTATION AND WEB BRACING

REFER TO WTCA/TPI BSCI-B1 SUMMARY SHEET FOR HANDLING METHODS & TEMPORARY BRACING, WHICH IS ALWAYS REQUIRED

BEARING HEIGHTS BASED ON PLANS PROVIDED TO SCOSTA CORP. +/-\"/>

BEARING WALL & BEAM HEIGHTS

9'-4\"/>	0'-0\"/>	ELEV.
13'-11\"/>	+4'-7\"/>	ELEV.
		ELEV.
		ELEV.
		ELEV.
		ELEV.
		ELEV.

TYPICAL HANGER SCHEDULE

(C) SIMPSON HUS 26	(M) SIMPSON HGUS 28-3
(F) SIMPSON HUS 28	(N) SIMPSON HHUS 48
(H) SIMPSON HGUS 28	(P) SIMPSON LUS 24
(I) SIMPSON HGUS 28-2	(B) SIMPSON THA 422
(W) SIMPSON THJA26	(X)

HANGER VALUES HAVE BEEN BASED ON 16D COMMON NAILS EXCEPT THE FOLLOWING

LUS24 - 10D COMMON THJA26 - 10D x 1-1/2

*******ATTENTION*******

APPROVAL OF THIS TRUSS LAYOUT IS NECESSARY BEFORE FABRICATION CAN BEGIN. VERIFY DIMENSIONS, PITCHES, OVERHANGS, ELEVATIONS, GELLING & BEARING CONDITIONS. SCOSTA CORPORATION IS RESPONSIBLE FOR ACCURACY IN ACCORDANCE WITH PLANS AND/OR INFORMATION PROVIDED BY CUSTOMER, WITH ANY DEVIATIONS NOTED HEREIN. CUSTOMER IS RESPONSIBLE TO VERIFY ACCURACY OF INFORMATION AND PLANS PROVIDED TO SCOSTA CORPORATION, AND TO VERIFY CONFORMANCE TO FIELD CONDITIONS, AND/OR OWNER CHANGES. TRUSSES WILL BE BUILT IN ACCORDANCE WITH THE APPROVED LAYOUT.

APPROVED BY: _____

DATE: _____ REQUESTED DELIVERY DATE: _____

JOB SITE CONTACT NAME: _____

PHONE #: _____

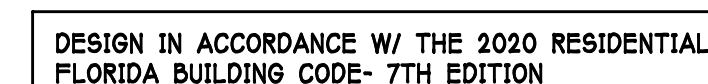
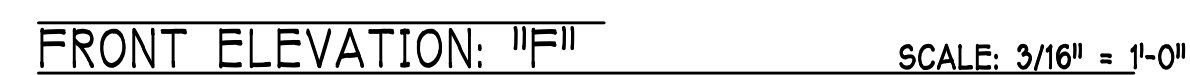
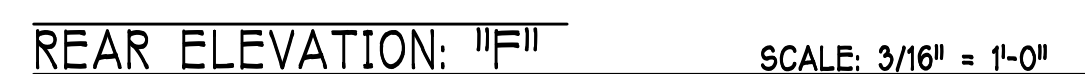
E-MAIL: _____

SCOSTA CORP.

WOOD, STEEL OR TIMBER
ROOF & FLOOR TRUSSES

3670 COMMERCE CENTER DRIVE
SEBRING, FL 33870
(863) 385-8242

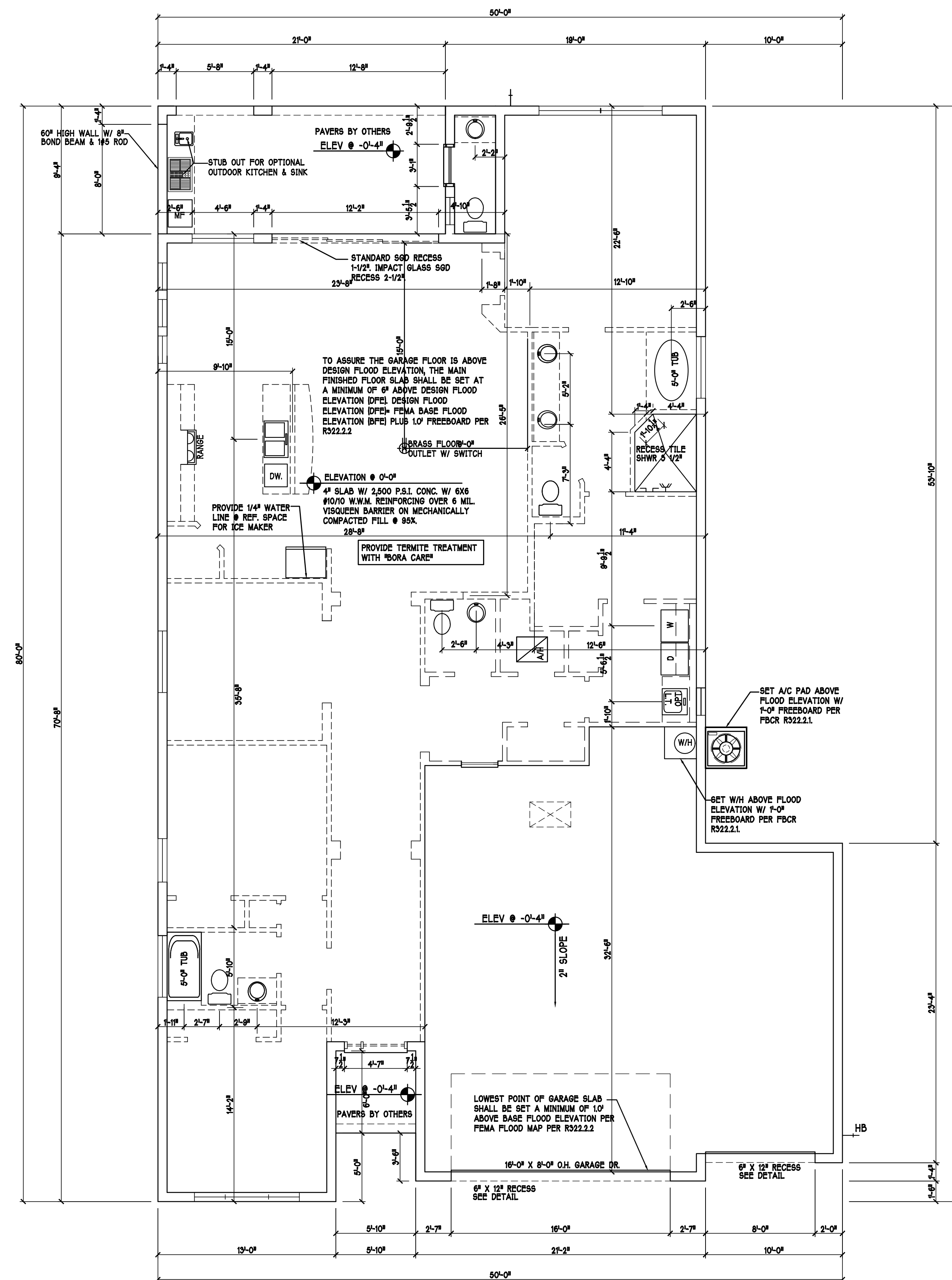
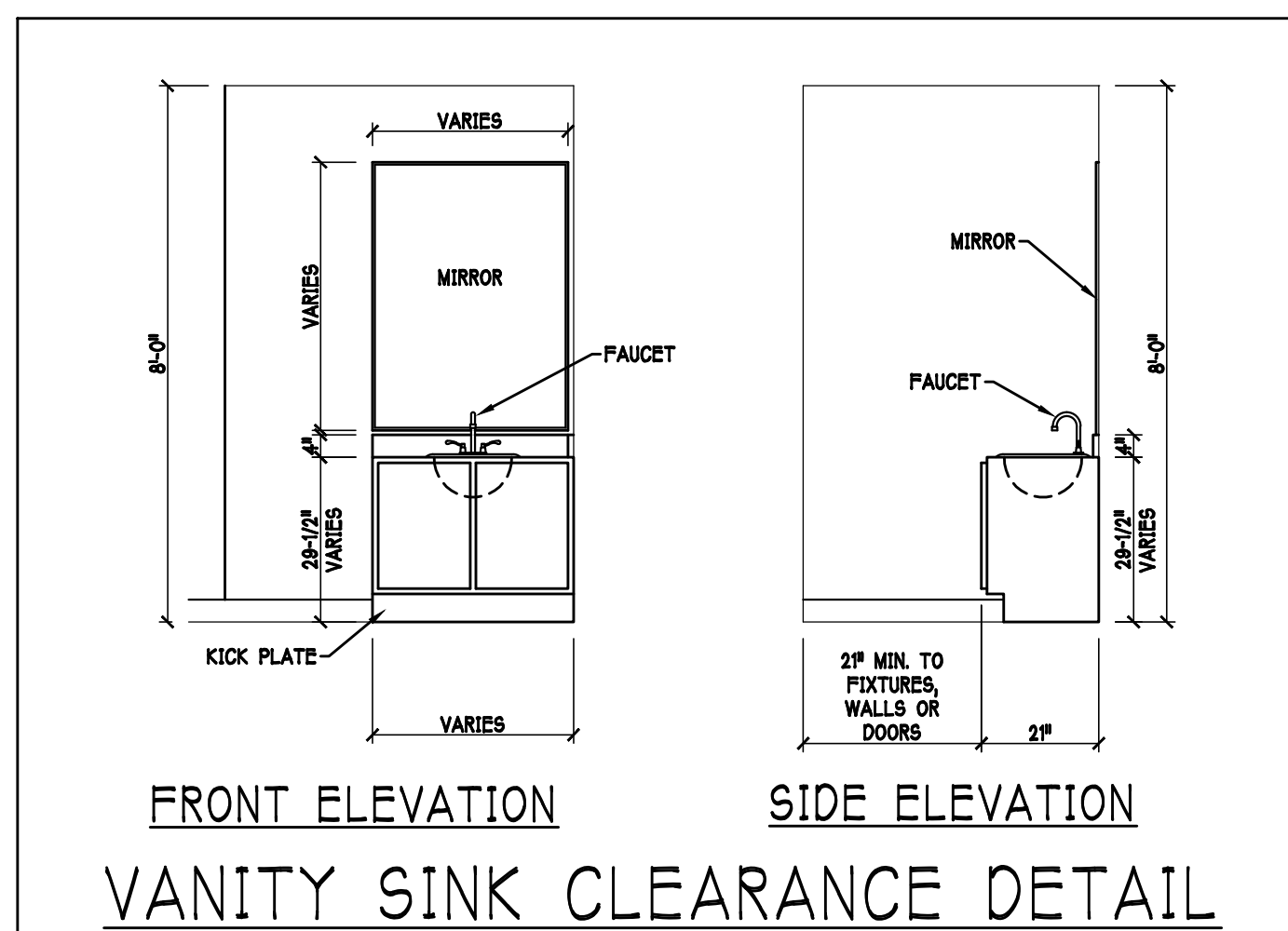
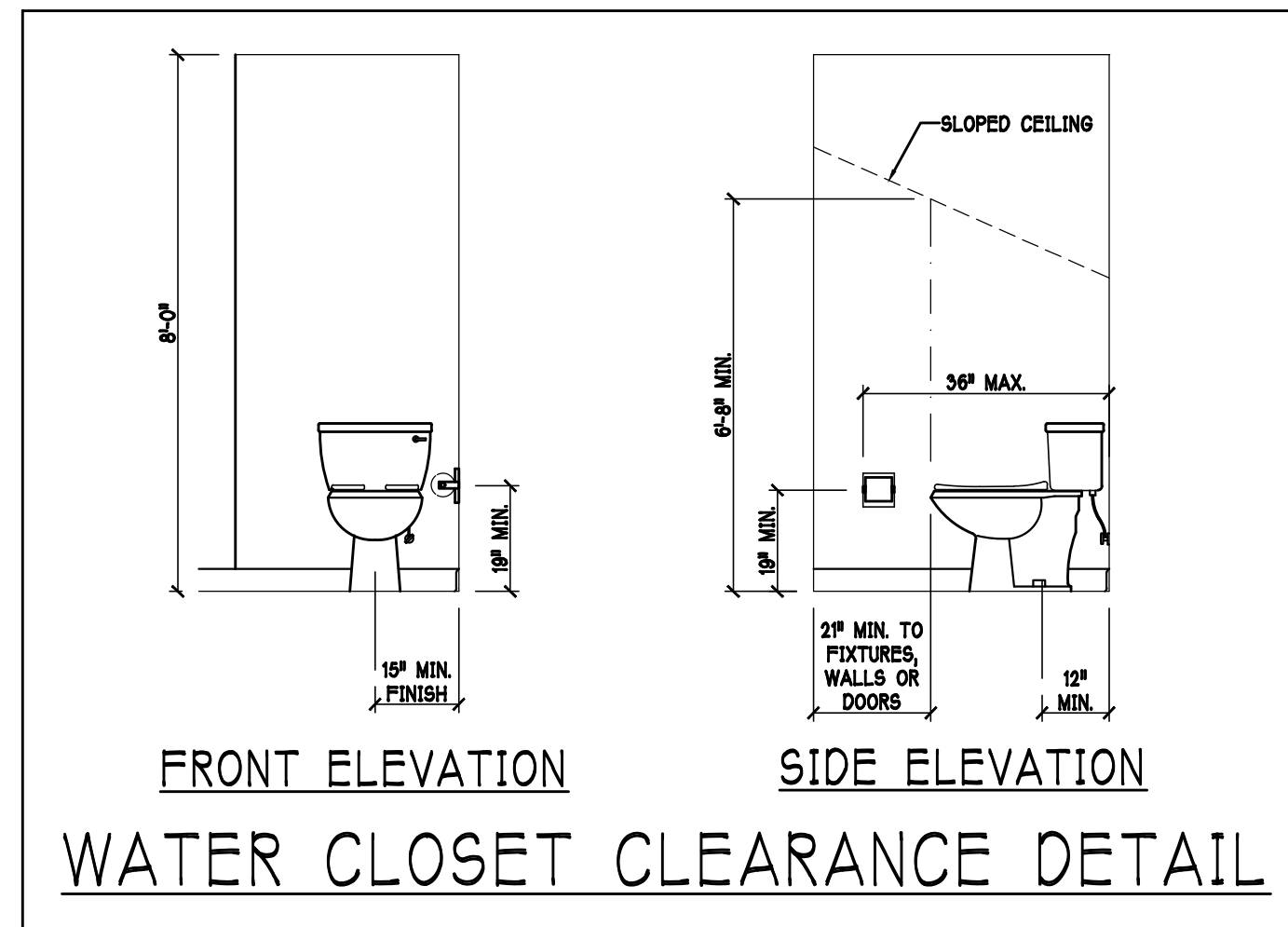
SCALE: 1/4\"/>	DATE: 10/16/20	REVISED BY: 12/22/20	DRAWN BY: KCD
JOB ADDRESS: 2221 F 3 CAR GARAGE RIGHT LEE/COLLIER/CHARLOTTE			1 OF 1
CUSTOMER: D.R. HORTON		JOB # DR2221F3	

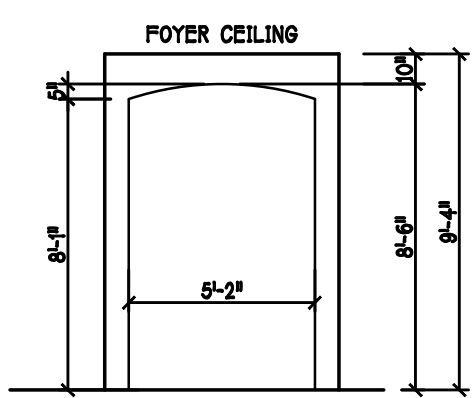


LOT: 394	BLOCK :	MODEL:
SUBDIV: SEASONS BONITA 60s		UNIT 2221
ADDRESS: 28089 CAPTIVA SHELL LOOP		RESIDENCE FOR:
G.C.D.# : P6636	DR.H.# : 57934011	SPEC

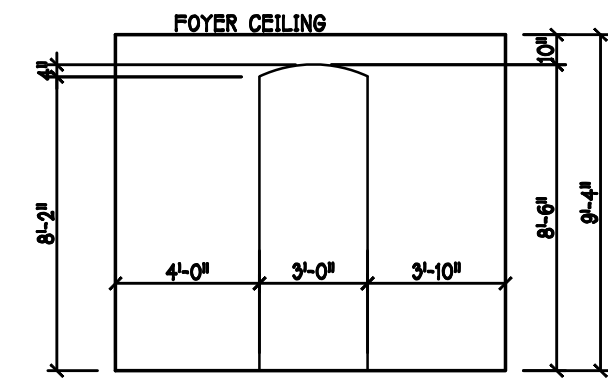
DATE:	06-02-21
DRAWN BY:	JSL
CHECKED BY:	JWC
REVISED:	
PLAN:	ELEVATIONS
SCALE:	3/16" = 1'-0"
SHEET#	

A-1 F

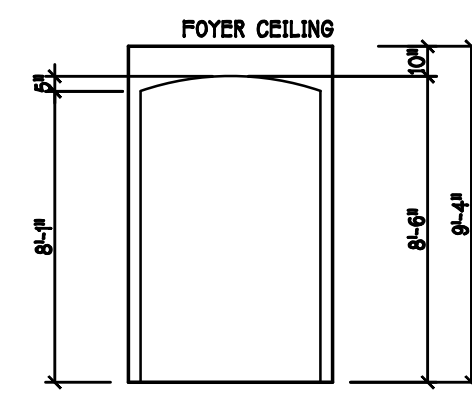




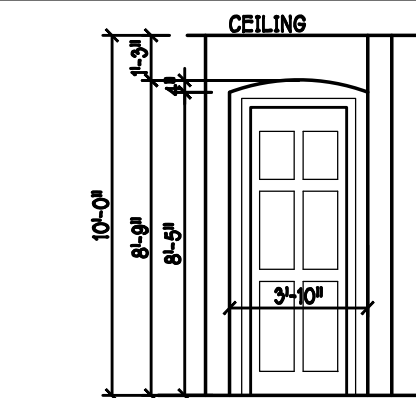
FOYER DETAIL



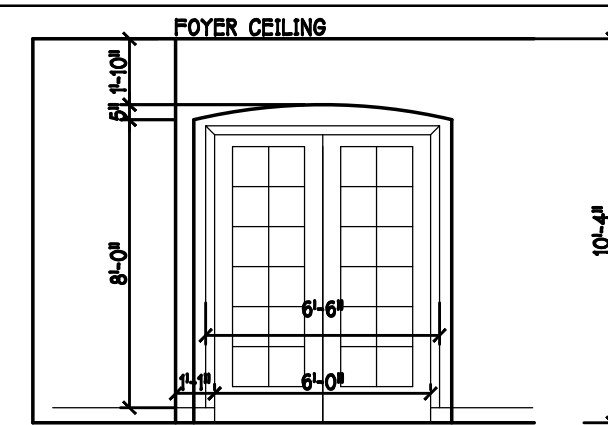
HALL/FOYER DETAIL



DEN/FOYER DETAIL



MASTER SUITE DETAIL



DEN/FOYER DETAIL

D R HORTON					
MARK	SIZE CODE	PRODUCT DESCRIPTION	WIDTH	HEIGHT	COMMENTS
1	OVERHEAD	GARAGE DOOR	182	86	
2	3080 ENTRY DR.	DISTINCTION	36	86	
3	OVERHEAD	GARAGE DOOR	86	86	
4	2880 EXT. DOOR	DISTINCTION	30	86	
SEE NOTE 1					4

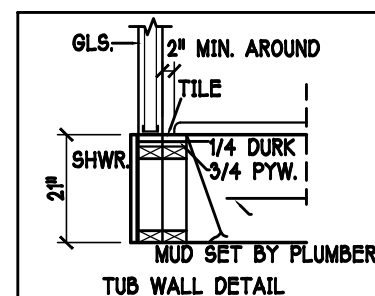
D R HORTON					
MARK	SIZE CODE	PRODUCT DESCRIPTION	WIDTH	HEIGHT	COMMENTS
A	35	SH	54	63	
B	25	SH	38	63	
C	48" X 12" F.B.	FIXED GLASS	48	12	TEMPERED
D	34	SH	54	51	
E	2-35	SH	108	63	
F	5-4080 SL. GL. DR.	SL. GL. DR.	144	86	
G	12" X 96" SIDE LITE		12	86	
H	2'-0" X 2'-0"	FIXED GLASS	24	24	
I	1/2 35 SH		27	63	
SEE NOTE 1					16

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

BATHROOM NOTES

TB	TOWEL BAR	ALL TUB DECKS @ 2" A.F.F.
EB	TOILET PAPER	ALL BLOCKING TO BE PT IN SHOWERS

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



DOOR HEADERS		
6'-8" BIFOLD	HEADER HEIGHT	82" A.F.F.
6'-8" SWING	HEADER HEIGHT	82 1/2" A.F.F.
8'-0" SWING	HEADER HEIGHT	86 1/2" A.F.F.

PLAN NOTES

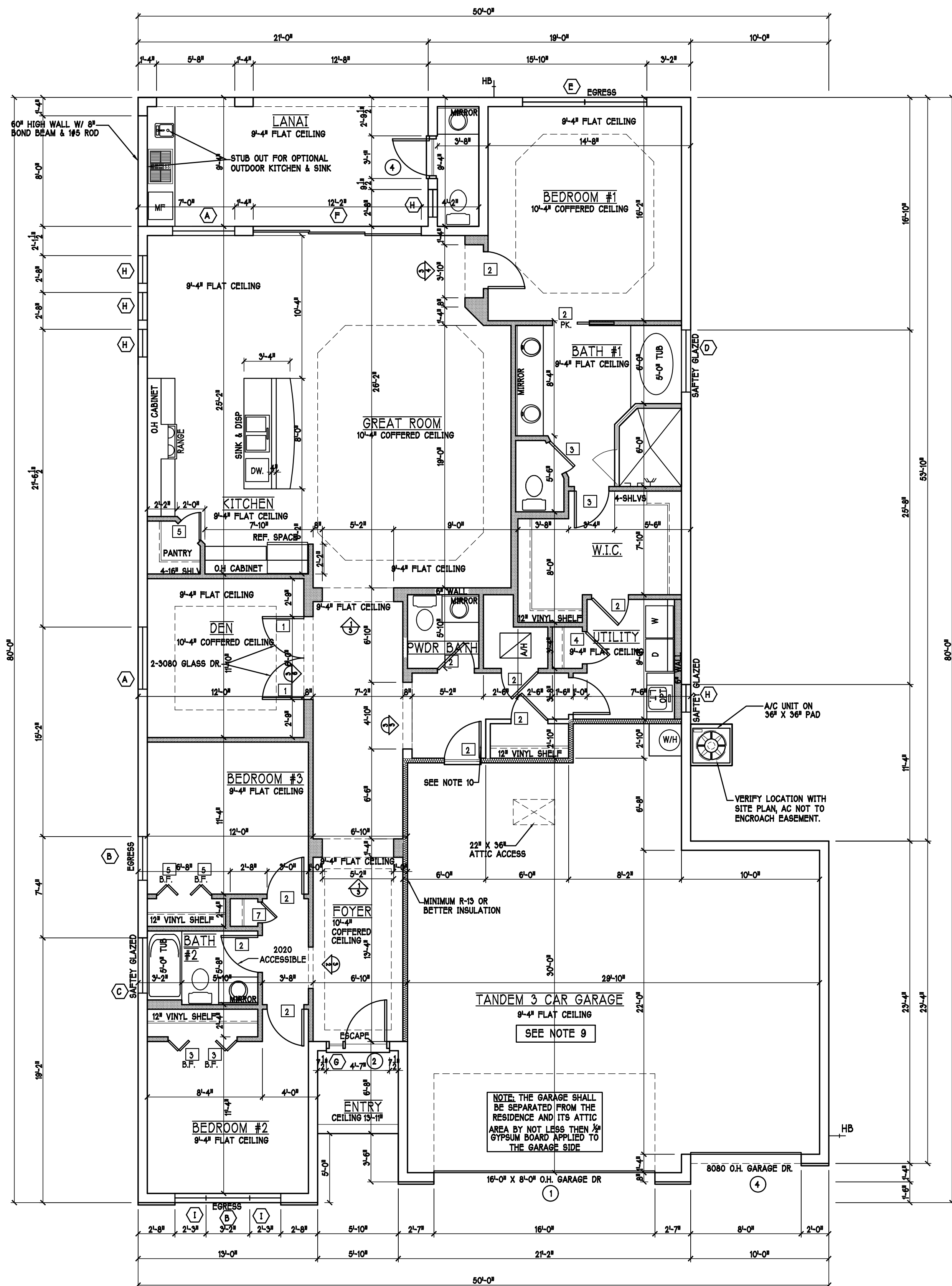
1. VERIFY ALL ROUGH OPENING DIMENSIONS FOR ALL WINDOWS AND DOORS
2. PROVIDE SAFETY GLAZING WITHIN 24" FROM EXIT PER FLORIDA BUILDING CODE R 308.4.2.
3. PROVIDE SAFETY GLAZING AT BATH / SHOWER . PER FLORIDA BUILDING CODE R 308.4.5.
4. NON BEARING INTERIOR FRAME WALLS SHALL BE FRAMED W/ WOOD OR METAL STUDS. 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 @ 41 1/2" A.F.F. W/ RAISED BAR TOP
7. INSTALL SMOOTH WALLS IN KITCHEN AND ALL BATHROOM AREAS
8. WHERE DRYWALL CEILING IS APPLIED TO TRUSSES AT 24" O.C. USE 5/8" DRYWALL OR 1/2" S&G RESISTANT PER SEC. R702.3.3
9. THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE & ATTIC BY NOT LESS THEN 1/2" GYPSUM BOARD APPLIED TO THE GARAGE SIDE. GARAGES BENEATH HABITABLE ROOMS SHALL BE SEPARATED WITH NOT LESS THAN 5/8" TYPE "X" GYPSUM BOARD OR EQUIVALENT. WHERE THE SEPARATION IS A FLOOR - CEILING ASSEMBLY THE STRUCTURE SUPPORTING THE SEPARATION SHALL ALSO BE PROTECTED BY NOT LESS THAN 1/2" GYPSUM BOARD OR EQUIVALENT
10. INSTALL 1 3/8" THICK SOLID WOOD DOOR BETWEEN LIVING AND GARAGE PER FLORIDA BUILDING CODE R302.5.1
11. ALL WINDOWS INSTALL 73" ABOVE GRADE MUST COMPLY WITH R 312.2.1 MIN 24" SILL HEIGHT OR PROVIDED WITH AN APPROVED WINDOW FALL PREVENTION DEVICE
12. STUB OUT FOR GAS @ OUTDOOR KITCHEN, RANGE, WATER HEATER, AND DRYER. VERIFY WITH CONTRACTOR AND SUBDIV. SPECS. A SEPARATE PERMIT IS REQUIRED FOR GAS PIPING.
13. ALL CLOSET SHELVES TO BE 12". ALL PANTRY & LINEN TO BE (H)-18" SHELVES 18" O.P.F. WITH 18" INCREMENT
14. 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 @ 35"
LAUNDRY RM.	UPPER TOP @ 84"	BASE

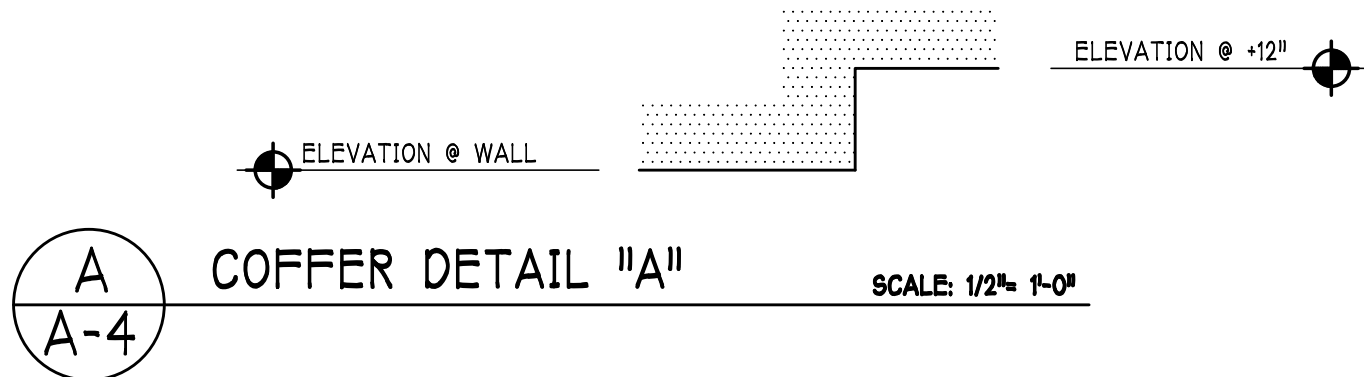
SQUARE FOOTAGE

LIVING AREA	2221
GARAGE AREA	886
LANAI AREA	186
ENTRY AREA	35
POOL BATH AREA	34
TOTAL AREA	3572

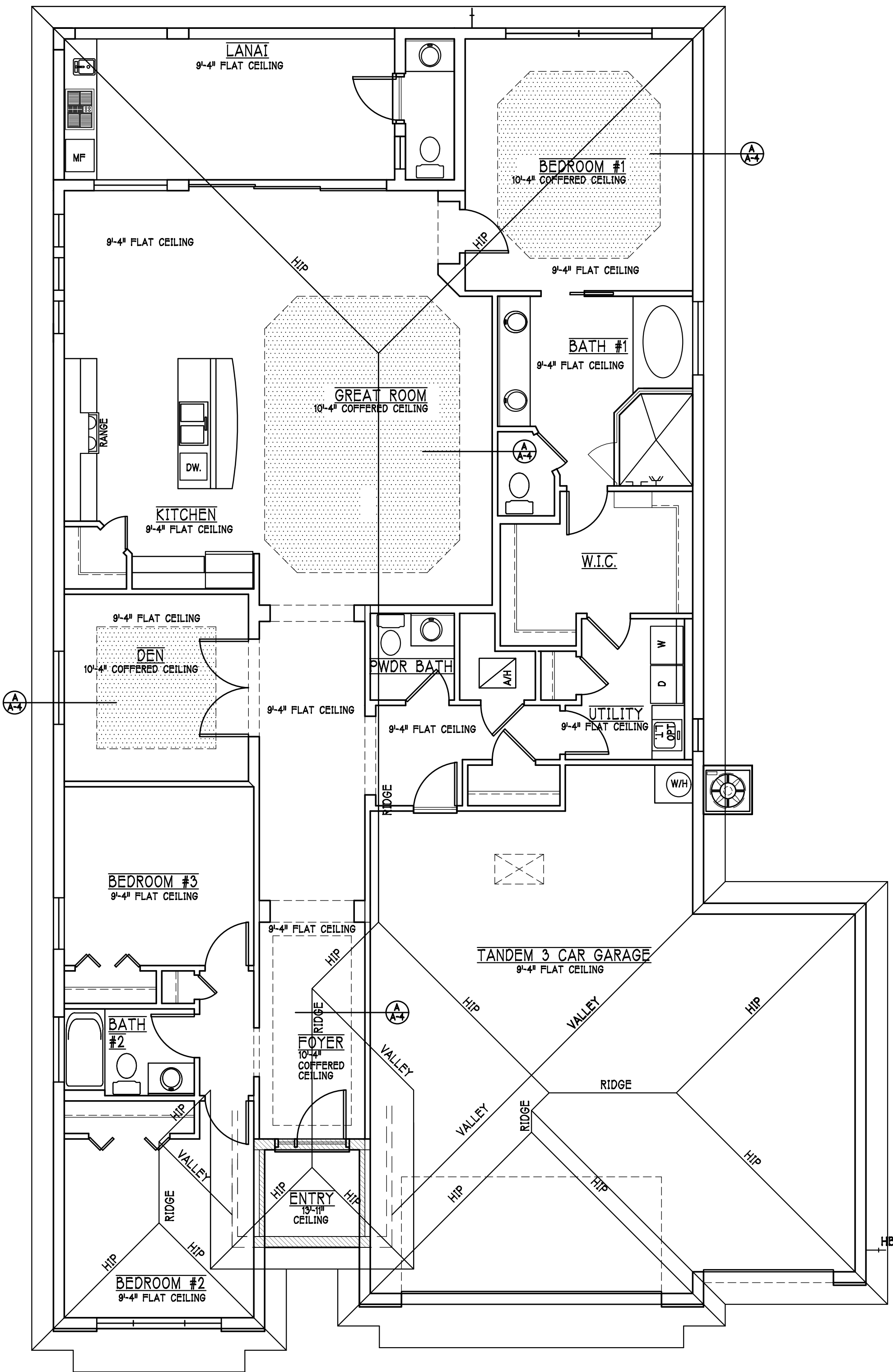


1st FLOOR PLAN: SCALE: 3/16" = 1'-0"

MODEL 2221 F: ATTIC VENTILATION FBCR R806								
COORDINATE VENTING REQUIREMENTS WITH ENERGY CALCULATIONS								
AREAS (SQ. FT.)			SOFFIT ONLY (1/150) (NO ROOF VENTS)			WITH ROOF VENTS (1/300) (R.V.)		
ATTIC VENTILATION REQUIRED			ATTIC VENTILATION REQUIRED			ATTIC VENTILATION REQUIRED		
MARK	ATTIC	SOFFIT	ATTIC AREA/150	REQ'D AIR FLOW OF SOFFIT	QUAD 4 SOFFIT HAS	ATTIC AREA/300	QUANTITY OF ROOF VENTS	MIN AIR FLOW OF SOFFIT
1st STORY	3443.4 SQ. FT.	304.3 SQ. FT.	22.96 SQ. FT.	7.55%	8.15%	-- SQ. FT.	-	--%
			SOFFIT ONLY QUALIFIES			ROOF VENTS ARE NOT REQUIRED		
			SOFFIT MODEL			ROOF VENT MODEL		
			ACM QUAD 4, FULL VENT, NARROW PATTERN, 8.15% FREE AIR FLOW			22" BASE, 2" SIDE BASE, LOWANCO 770-D 0.87 SQ. FT. FREE AIR		



BEARING HEIGHTS	
	= BEARING @ 9'-4" A.F.F.
	= BEARING @ 13'-11"



CEILING PLAN: 11F11 SCALE: 3/16" = 1'-0"

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



Gulf Coast Drafting
& Design
Phone (239) 540-1822
Fax (239) 540-7759

MODEL:
UNIT 2221

LOT: 394 BLOCK:

SUBDIV: SEASONS BONTIA 60s

ADDRESS: 28089 CAPTIVA SHELL LOOP

G.C.D.#: 12636 D.R.H.#: 579340111

DATE: 06-02-21

DRAWN BY: JSL

CHECKED BY: JWC

REVISED:

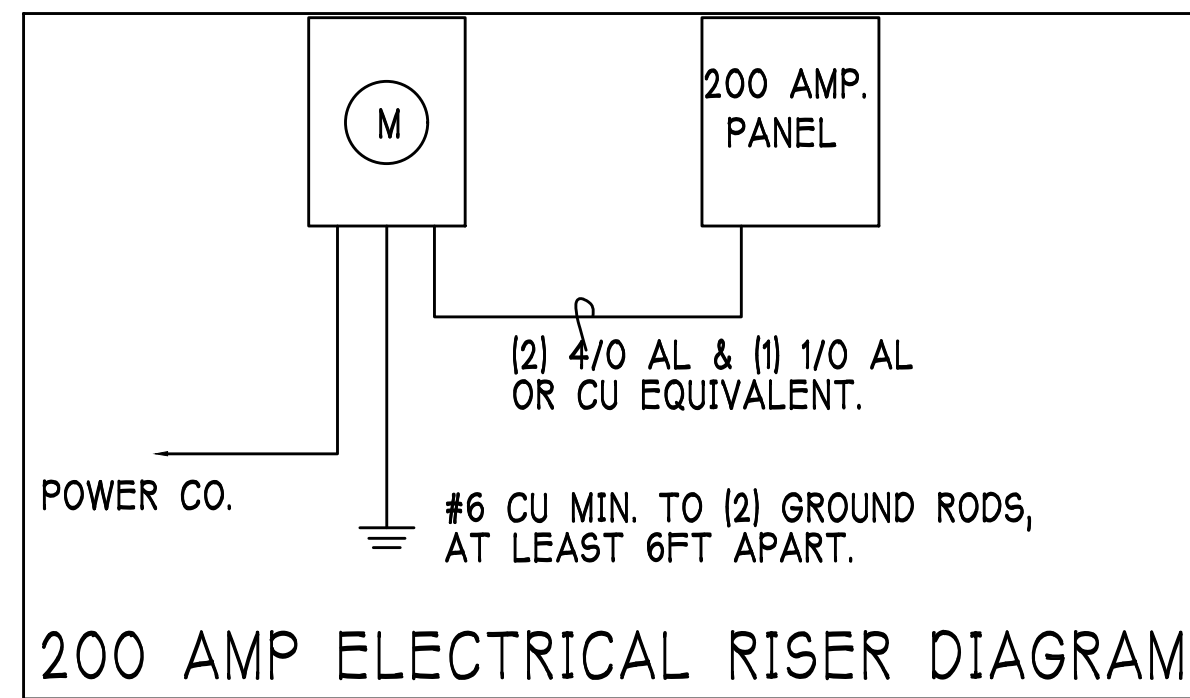
PLAN: ROOF & CEILING

SCALE: 3/16"=1'-0"

SHEET#
A-4F

RESIDENCE FOR: SPEC

200 Amp Service		
TAG	QUANTITY	PRODUCT
A	(25)	Flush Mounted Lt
B	(4)	Vapors
C	(1)	Pendant/Nook
D	(X)	10" Mushrooms
E	(3)	24" 3 LT
F	(2)	36" 4 LT
G	(X)	NOT USED
H	(3)	Coach Lights
J	(X)	Coach Lights
K	(X)	J BOX
L	(4)	4' Fluorescent
M	(3)	2' Fluorescent
N	(X)	5lt Chandelier
O	(1)	3 LT
P	(3)	Pendant Light



	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 0 ELEV. A.F.P.
	TIMER SWITCH
	GFI SWITCH
	DIMMER SWITCH
	3 WAY SWITCH
	SINGLE POLE 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 AC/DC CARBON MONOXIDE ALARM INSTALLED WITHIN 10 FEET OF EACH ROOM USED FOR SLEEPING PURPOSES. FHS 80.6 49-80-04.72 SO SMOKE DETECTOR SCD CARBON MONOXIDE/SMOKE DETECTOR
	TELEPHONE OUTLET
	TELEVISION OUTLET
	SURFACE MOUNTED CEILING LIGHT
	FLUSH MOUNTED LIGHT
	WALL MTD. BRACKET LIGHT
	DUPLEX FLOOD LIGHT
	EXHAUST FAN
	TRACK MTD. LIGHTS
	AIR DISCONNECT
	PUSH BUTTON
	DOOR BELL
	KEYPAD
	4' FLUORESCENT LIGHT
	2' UNDER COUNTER LIGHT

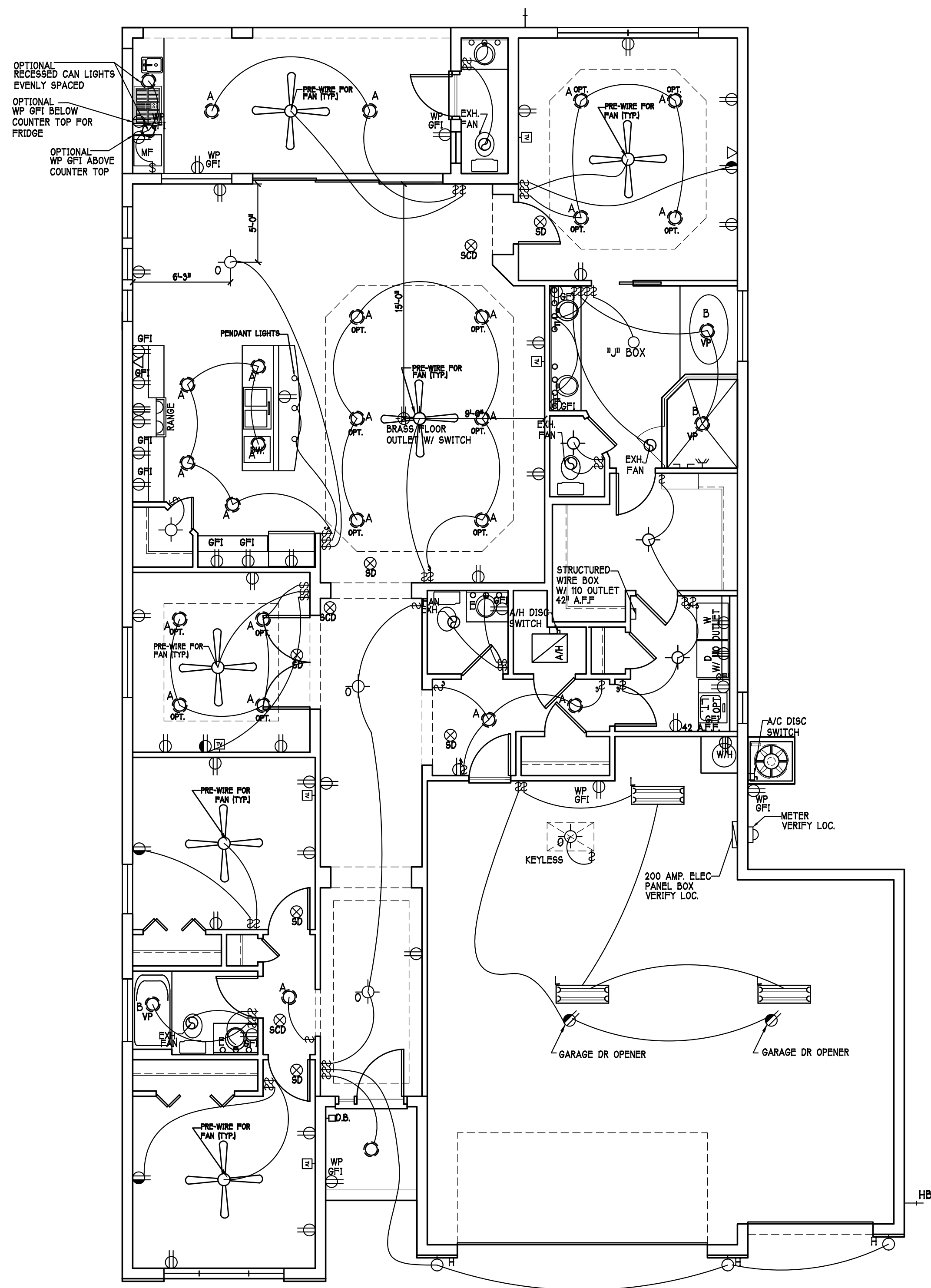
Install Arc-Fault circuit-Interrupters & Tamper-Resistant Receptacles shall be installed in dwelling unit. per NEC 210.12 & 406.11

All electric, electrical equipment and appliances to be set at or above base flood elevations plus 1'-0" freeboard.

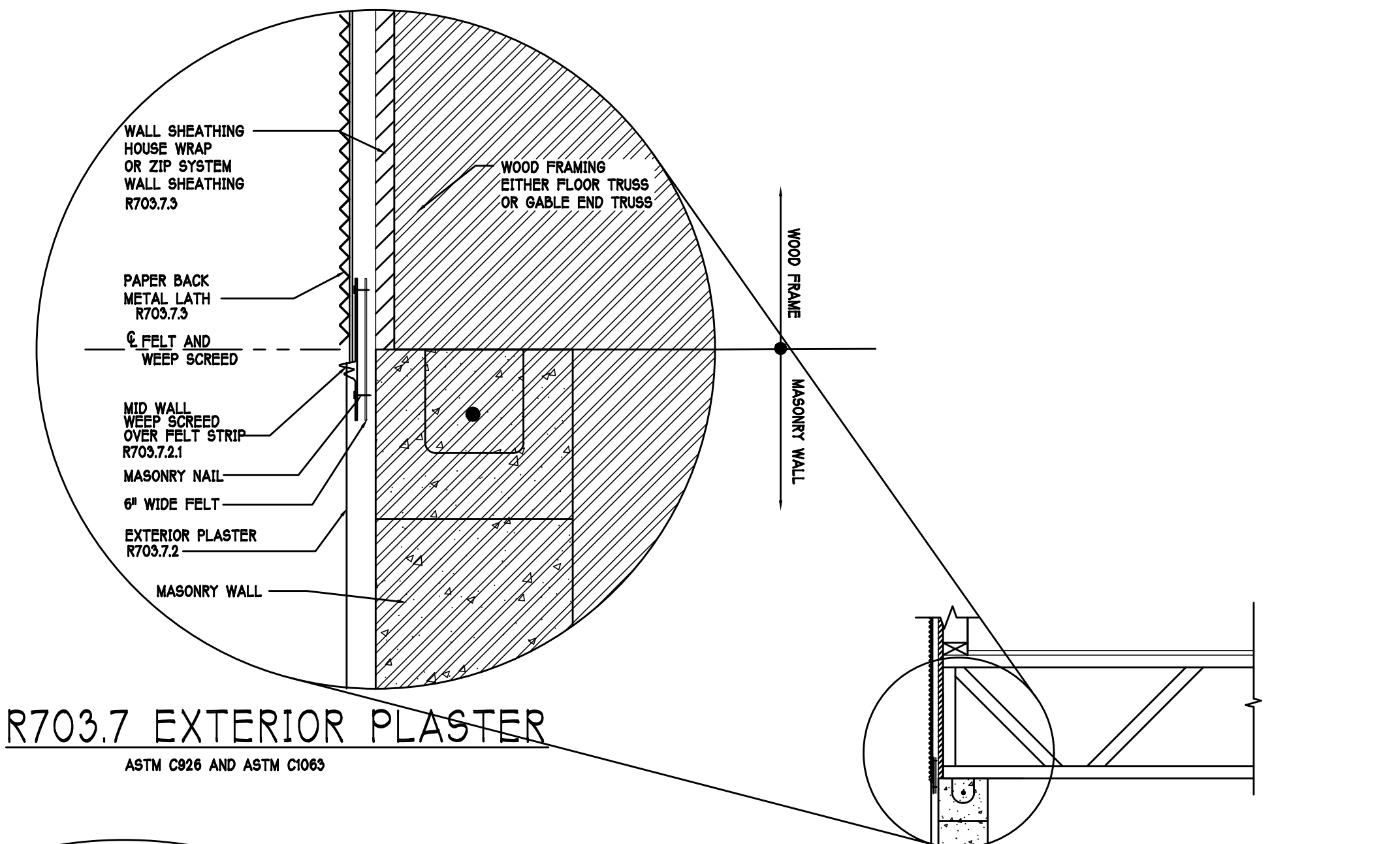
All outlets in wet areas and all exterior outlets to be GFI's

Install Phone & T.V per contract .

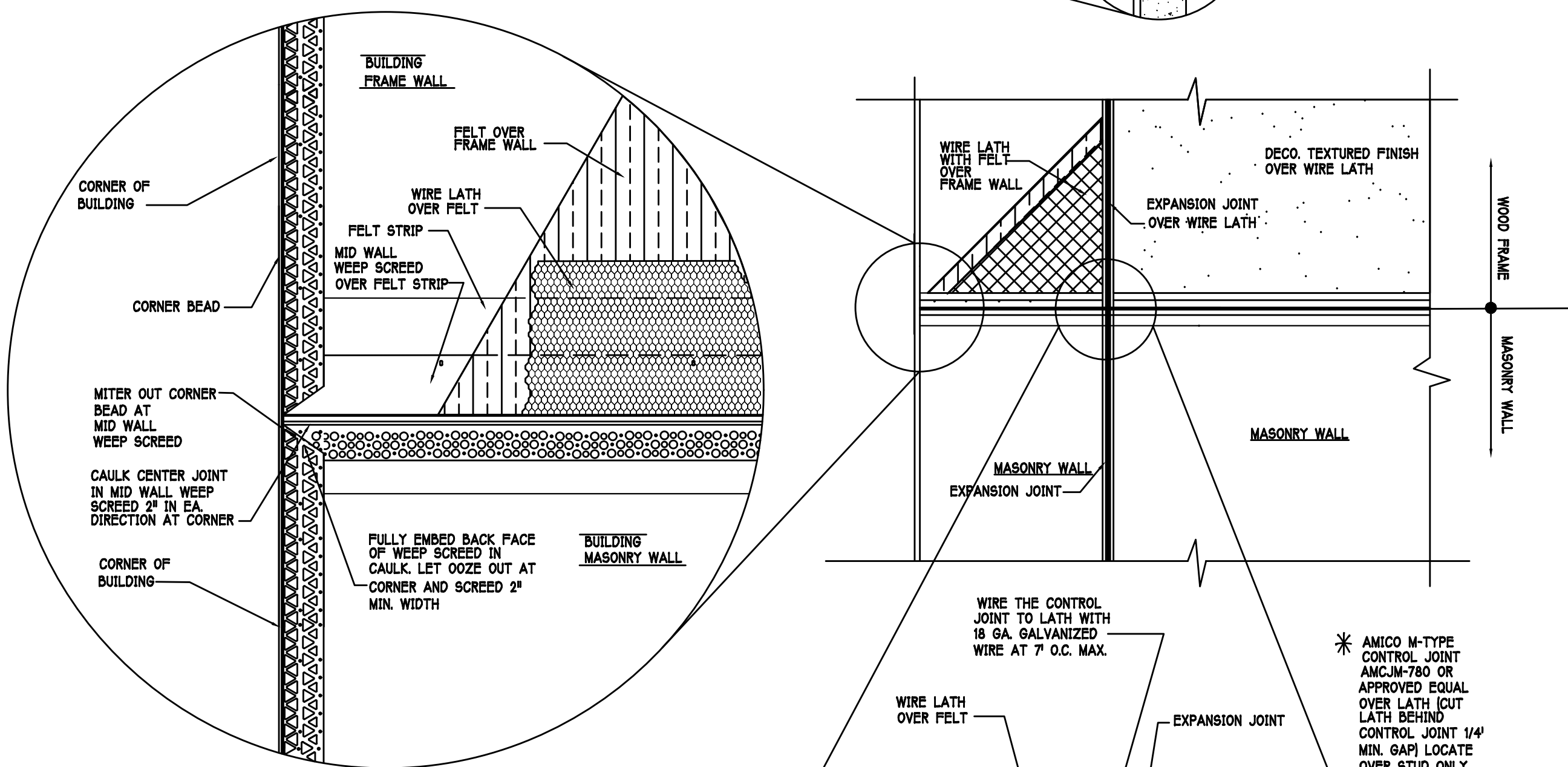
INSTALL ALL ELECTRICAL PER NEC 2014



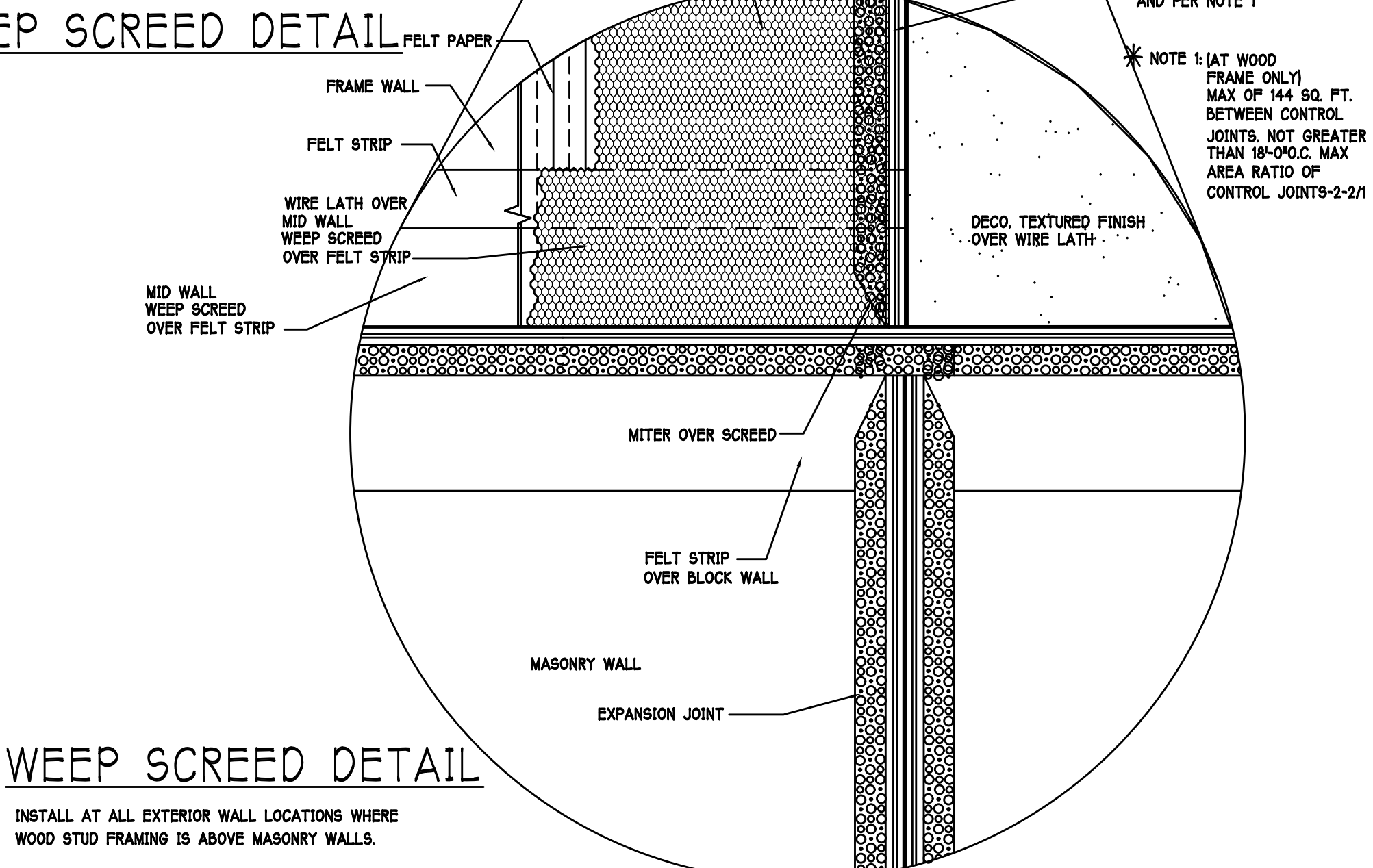
FLOOR ELECTRICAL PLAN: SCALE: 3/16" = 1'-0"



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

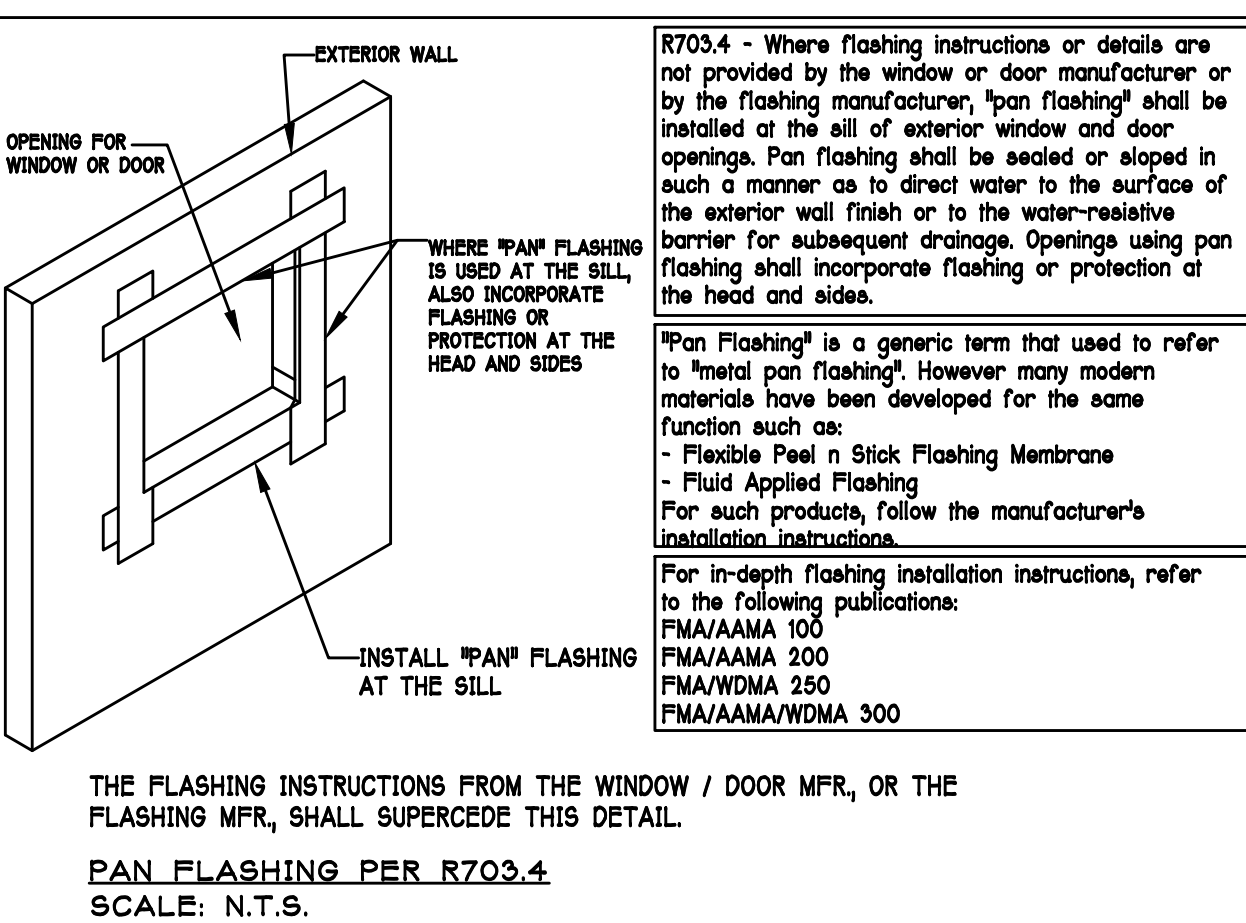
GENERAL NOTES

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.
7. TREATED WOOD REQUIREMENTS:- ALL 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 BRACINGS, GUTS, 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 GYPSUM BOARD CEILING FASTENED WITH 8d NAILS OR 1-5/8" DRYWALL SCREWS @ 9" @ EDGES AND FIELD.

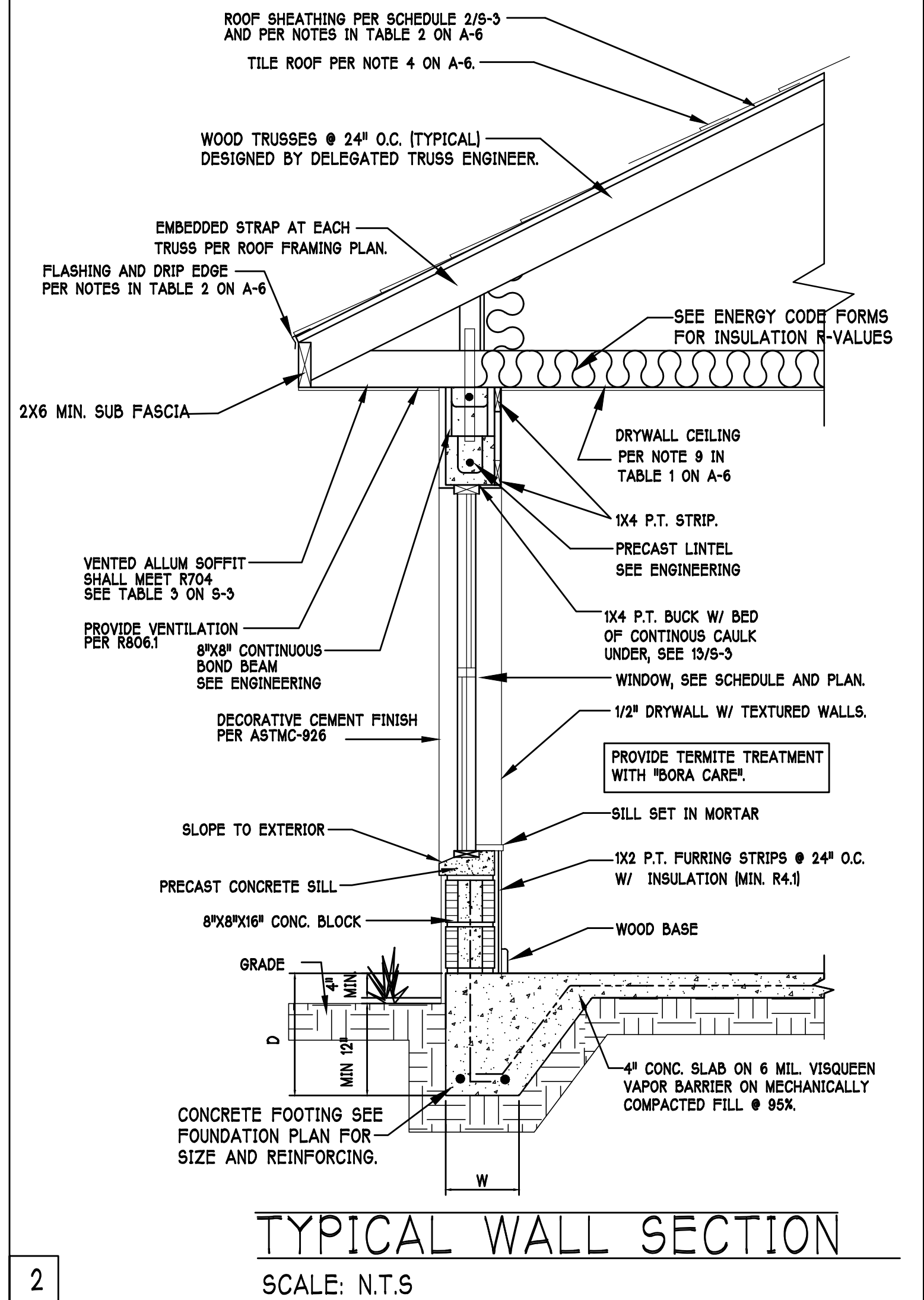
2. GENERAL ROOF ASSEMBLY
ROOF SHEATHING PER TABLE R803.2.2
SHALL BE 19/32" APA RATED SHEATHING, EXPOSURE 1 SPAN RATING 40/20 OR BETTER. INSTALL PANELS WITH LONG DIMENSION PLACED PERPENDICULAR TO TRUSSES. A 1/8" SPACE BETWEEN ADJACENT SHEETS SHALL BE MAINTAINED. INSTALL 1/4" CLIPS AT UNSUPPORTED PANEL EDGES. SEE STRUCTURAL.
FLASHING SHALL BE ALUMINUM ALUMINUM ZINC COATED STEEL .079 INCHES THICK. 26 GAGE AZ50 ALUM. ZINC OR GALVANIZED STEEL .079 INCHES THICK. 26 GAGE ZINC COATED 680. FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH THE ZIP SYSTEM ROOF SHEATHING MANUFACTURER'S PUBLISHED REQUIREMENTS. ALL FLASHING AND INSTALLATION SHALL CONFORM TO SECTION R803.2.2 (1) TO (5).
Drip edge shall be provided at all eaves and gables of shingle roofs. LAPPED A MINIMUM OF 2" @ 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 D3462, 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 manufacturer. Installation shall comply with the 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 of galvanized steel, stainless steel or aluminum with a minimum shank size of 12 gage (0.106 inches) with a minimum 3/8 inch diameter head and shall be of 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 coating electro galvanization, mechanical galvanization, hot dipped galvanization or shall be made of stainless steel, non ferrous metal.

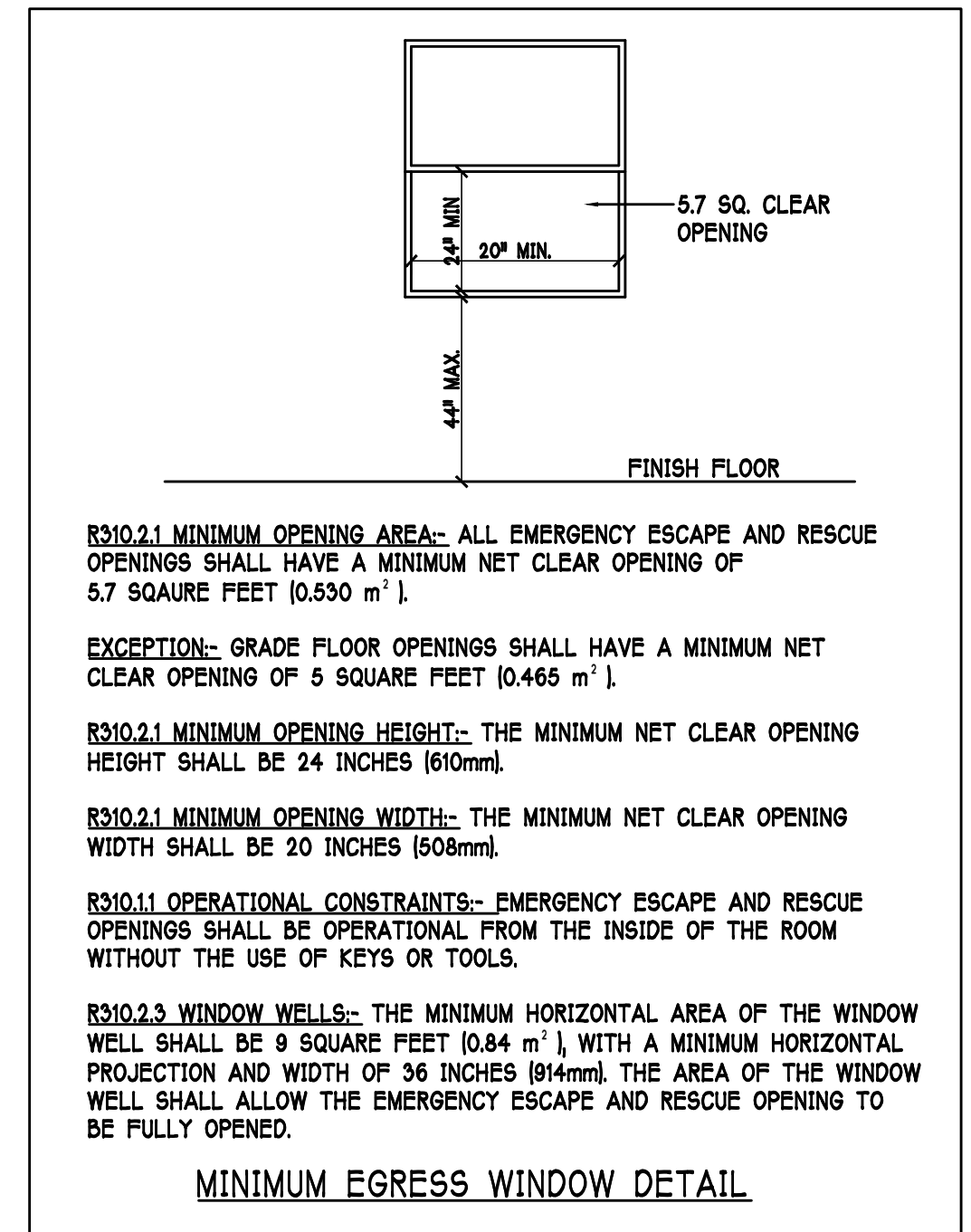
4. CLAY AND CONCRETE TILE ROOF SPECS
INSTALL PEEL AND STICK UNDERLAYMENT APPROVED FOR SINGLE LAYER APPLICATION UNDER TILE ROOF.
THE INSTALLATION OF CLAY AND CONCRETE TILE SHALL COMPLY WITH THE PROVISIONS OF R803.5 F.B.C.
MARKING: EACH ROOF TILE SHALL HAVE A PERMANENT MANUFACTURER'S IDENTIFICATION MARK.
APPLICATION SPECIFICATIONS: THE TILE MANUFACTURER'S WRITTEN APPLICATION SPECIFICATIONS SHALL BE AVAILABLE AND SHALL INCLUDE 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.



THE FLASHING INSTRUCTIONS FROM THE WINDOW / DOOR MFR, OR THE FLASHING MFR, SHALL SUPERCEDE THIS DETAIL.
PAN FLASHING PER R703.4
SCALE: N.T.S.



TYPICAL WALL SECTION
SCALE: N.T.S.



R310.2.1 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 SQUARE FEET (0.465 m²).
R310.2.1 MINIMUM OPENING HEIGHT:- THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24 INCHES (610mm).
R310.2.1 MINIMUM OPENING WIDTH:- THE MINIMUM NET CLEAR OPENING WIDTH SHALL BE 20 INCHES (508mm).
R310.1.1 OPERATIONAL CONSTRAINTS:- EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL BE OPERATIONAL FROM THE INSIDE OF THE ROOM WITHOUT THE USE OF KEYS OR TOOLS.
R310.2.3 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.

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

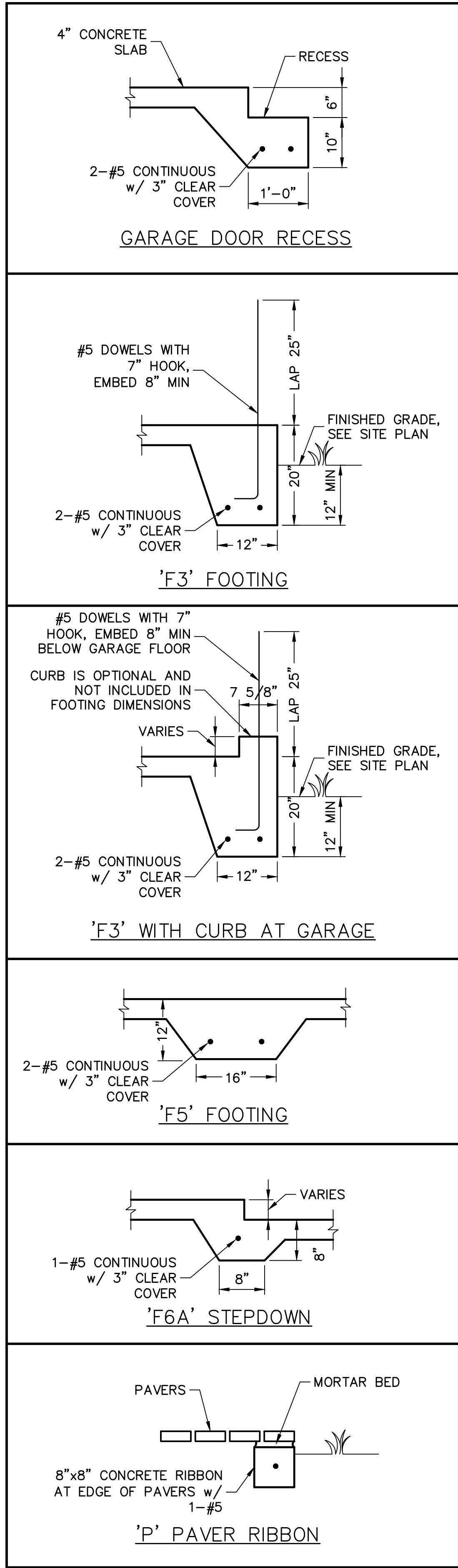
D.R. HOHON
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Phone (239) 540-1822
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MODEL: UNIT 2221
SUBDIV: SEASONS BONITA 60s
ADDRESS: 28089 CAPTIVA SHELL LOOP
G.C.D.#: 12636 DR.H.#: 579340111

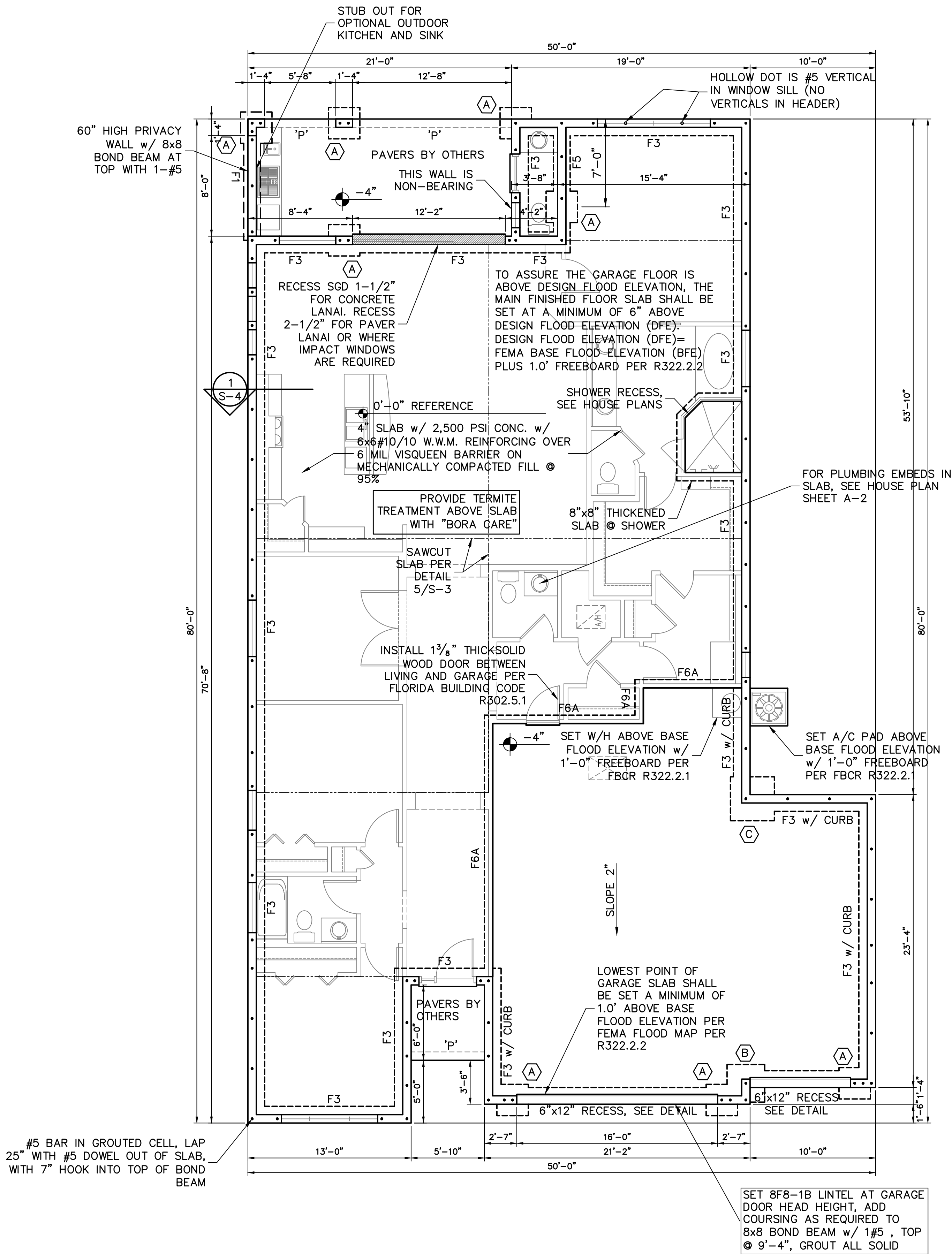
LOT: 394 BLOCK:
DATE: 06-02-21
DRAWN BY: JSL
CHECKED BY: JWC
REVISED:
PLAN: SECTION
SCALE: 3/16"=1'-0"
SHEET#

RESIDENCE FOR: SPEC
A-6M



FOOTING DETAILS

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



PAD FOOTING SCHEDULE							
USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINF.		REMARKS
					LONG WAY	SHORT WAY	
X	A	2'-6"	2'-6"	1'-0"	3-#5	3-#5	-
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	-

WALL FOOTING SCHEDULE						
USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINFORCING	SHAPE
X	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	
X	F4	CONT.	1'-4"	1'-8"	2-#5	
X	F5	CONT.	1'-4"	1'-0"	2-#5	
X	F6	CONT.	1'-4"	1'-0"	2-#5	
X	F6A	CONT.	0'-8"	0'-8"	1-#5	

NOTE: REINFORCING IN FOOTINGS SHALL BE CONTINUOUS AT CORNERS AND INTERSECTIONS. ADD CORNER BAR 25"x25" AT EACH LONGITUDINAL BAR PER DETAIL 6/S-3.

FOUNDATION PLAN

SCALE: 3/16" = 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) # DENOTES PAD FOOTING AT CONCENTRATED LOADS PER SCHEDULE THIS SHEET.
- 4) "P" DENOTES 8"x8" CONCRETE RIBBON w/ 1-#5 BAR AT EDGE OF PAVERS.
- 5) PROVIDE #5 VERTICAL REINFORCING AT DOT LOCATIONS SHOWN ON PLAN FROM FOOTING TO BOND BEAM.
- 6) ALL DIMENSIONS ARE TO OUTSIDE FACE OF MASONRY WALLS. SOME SLAB EDGES MAY EXTEND BEYOND FACE OF WALL.
- 7) FOR DIMENSIONS OF ROUGH OPENINGS IN MASONRY WALLS, COORDINATE WITH WINDOW/DOOR SUPPLIER.
- 8) PROVIDE PRESSURE TREATED BUCKS AT WINDOWS / DOORS PER DETAIL 7/S-3.

FOR SCOSTA TRUSS, 160 MPH, EXPOSURE C, MODEL 2221, ELEVATION F, 3 CAR GARAGE, JOB # DR2221F3, DATED: 10/16/20, REVISED: 12/22/20

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

REVISIONS	BY

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(239) 549-4554
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BUILDER:

D.R. HORTON, INC.
America's Builder

MODEL 2221 F
3-CAR GARAGE
28089 CAPTIVA SHELL LOOP
BONITA SPRINGS, FLORIDA 34135
LOT: 394 SUBDIVISION: SEASONS BONITA

DESIGN/DRAWN
DWB/GH
CHECKED
DWB
DATE
06/04/21
SCALE
VARIES
DR 12636
SHEET

S-1

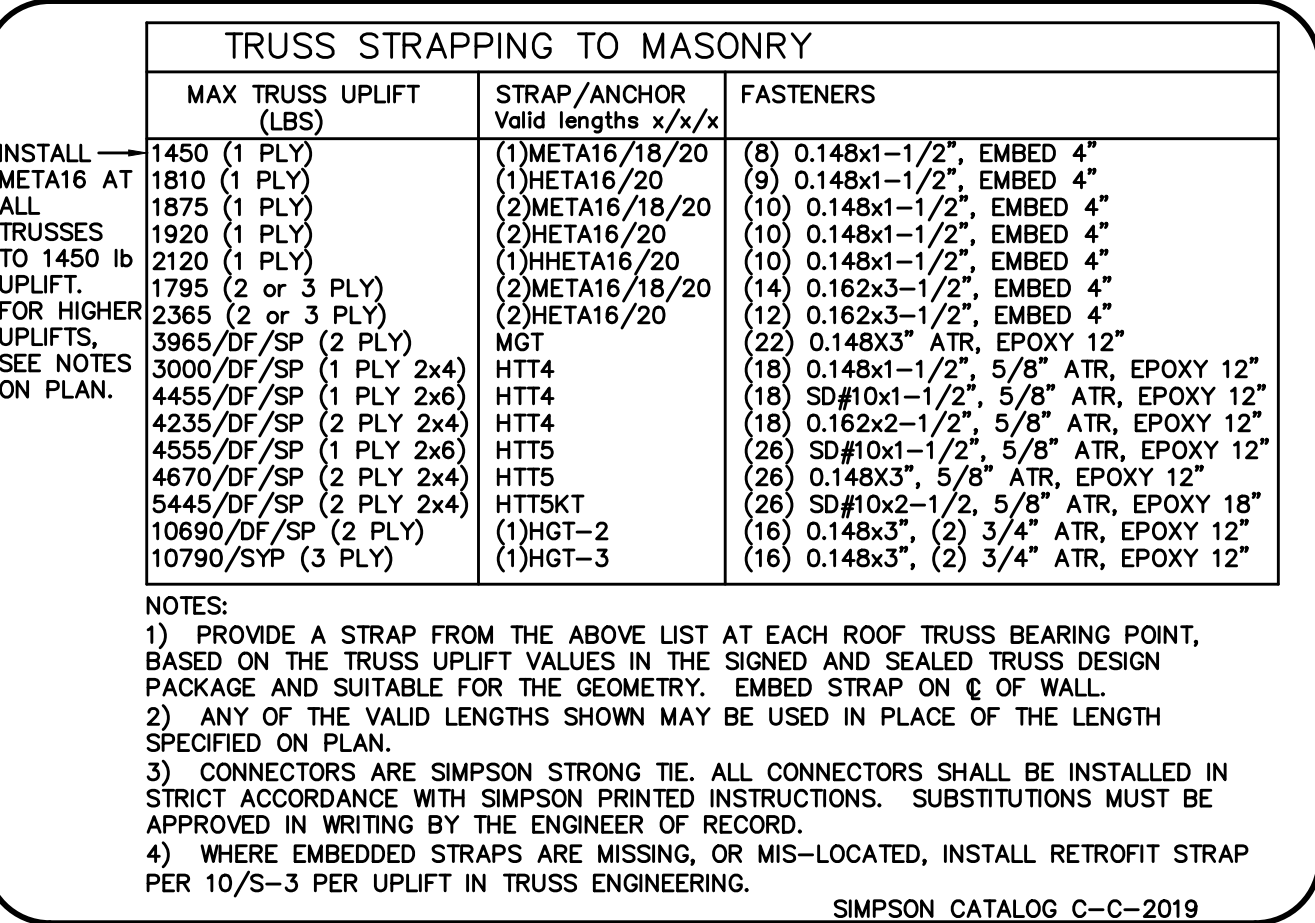
SHEET 1 OF 4

Diagram illustrating the Beveled Blocking detail. The diagram shows a cross-section of a roof truss with a beveled top. The following components are labeled:

- ROOF SHEATHING
- 8d RING SHANK NAILS @ 6" OC
- 16d NAILS @ 8" OC
- ROOF TRUSS
- 2x BLOCKING w/ BEVEL CUT TOP. BLOCKING CAN BE EITHER SIDE OF TRUSS

BEVELED BLOCKING

SCALE: $\frac{3}{4}" = 1'-0"$



 BEARING @ 9'-4"

 BEARING @ 13'-11"

SCALE: $3/16" = 1'-0"$

PLAN NOTES:

- 1) ROOF TRUSS BEARING ELEVATION VARIES, SEE LEGEND.
- 2) ROOF 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 DECK, SEE 1 AND 2 ON S-3.
- 5) [8F8-1B] etc, DENOTES PRECAST LINTEL ABOVE DOOR/WINDOW OPENING PER SCHEDULE THIS SHEET.
- 6) AT TRUSS BEARING, PROVIDE 8x8 MASONRY BOND BEAM w/ 1-#5 CONTINUOUS, SEE DETAIL 10/S-3.
- 7) FOR DIMENSIONS OF ROUGH OPENINGS IN MASONRY WALLS, COORDINATE WITH WINDOW/DOOR SUPPLIER.
- 8) PROVIDE PRESSURE TREATED BUCKS AT WINDOWS / DOORS PER DETAIL 7/S-3.

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(2020) RESIDENTIAL

STRUCTURAL ENGINEERING:

**STRUCTURAL
SYSTEMS**
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1634 SE. 47th STREET, SUITE #3
CAPE CORAL, FL. 33904
(239) 549-4554

CA# 8829

SED: 12/22/20
DESIGNED IN ACCORD

BUILDER:

MODEL 2221 F
3-CAR GARAGE
28089 CAPTIVA SHELL LOOP
BONITA SPRINGS, FLORIDA 34135
LOT: 394 SUBDIVISION: SEASONS BONITA

DESIGN/DRAWN DWB/GH
CHECKED DWB
DATE 06/04/21
SCALE VARIES

DR 12636
SHEET

S-2

SHEET 2 OF 4

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

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

TYPICAL HOUSE PLAN

EDGE NAIL TO BLOCKING AT RIDGE VALLEY/HIP

STAGGER JOINTS AT SHEATHING PANELS

EDGE NAIL TO FACIA BOARD

NAIL SPACING (TABLE R803.2.3.1) WIND SPEED / EXPOSURE	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 3" x 0.120" RING SHANK (PER ASTM F1667 RSRs-03 & 04)
NAIL SPACING: 6" O.C. EDGE 6" O.C. FIELD	NAIL SPACING: 4" O.C. EDGE 4" O.C. FIELD

1 NAILING OF ROOF SHEATHING

SCALE: NTS

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, 5/8" EXTERIOR GYPBOARD CEILING, FASTEN w/8d NAILS OR 1 5/8" 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.

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

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=98=124 MPH, RISK CAT II, ENCLOSED, Kd=0.85, h=15')

TYPE	INTERIOR ZONE 4	END ZONE 5
SOFFIT (10 SQ. FT.)	+33.5 –36.3	+33.5 –44.8
WINDOWS & DOORS (10 SQ. FT.)	+33.5 –36.3	+33.5 –44.8
8' OR 9' GARAGE DOORS	+29.4 –33.3	
16' OR 18' GARAGE DOORS	+28.2 –31.5	

(SEE PLAN FOR OTHER SPECIFIC PRESSURES)

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

2) USE "INTERIOR ZONE 4" PRESSURES UNLESS WINDOW OR DOOR IS LOCATED WITHIN THE "END ZONE 5" (SEE DIAGRAM BELOW), THEN USE THE HIGHER PRESSURES UNDER THE "END ZONE 5" COLUMN.

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

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

5) MANUFACTURED SOFFIT PRODUCTS SHALL BE INSTALLED PER MFR ENGINEERING SPEC SHEETS.

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

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

TYPICAL HOUSE PLAN

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

INTERIOR ZONE 4 PRESSURES

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

3

FOOTING CORNER BARS

SCALE: NTS

3" COVER

MAINTAIN RUN TO RISE OF 2:1 OR MORE

FOOTING REINF., SEE PLAN

LAP CORNER BARS 40 BAR DIAMETERS

CONCRETE FOOTING, SEE PLAN

PLAN VIEW

4 RETROFIT UPLIFT CONNECTOR SCHEDULE

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.

5 SLAB SAWCUT DETAIL

SCALE: NTS

3/4" DEEP SAWCUT w/ ELASTOMERIC SEALANT

SLAB ON GRADE, SEE PLAN

NOTES:

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

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

7 BUCK FASTENING

8" CMU WALLS

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

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

WINDOW/DOOR ROUGH OPENING

8" CMU, SEE PLAN FOR REINFORCING

DOOR

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

2x2x1/8" WASHER

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

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 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.

10 TRUSS STRAP TO BOND BEAM

SCALE: 3/4" = 1'–0"

ROOF SHEATHING, SEE SCHEDULE 2/S–3

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

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

2x... SUBFASCIA w/ 2–16d TO EACH TRUSS

TRUSS BEARING SEE PLAN

APPROVED ISOLATION PLATE

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

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

SOFFITS SHALL MEET WIND DESIGN PRESSURES PER R703.1.2.1. FOR FIELD FRAMING, SEE TABLE 2/S–3.

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

8" MASONRY

8 CORNER BAR DETAIL IN BOND BEAMS

SCALE: 3/4" = 1'–0"

INTERSECTION

CORNER

#5 CORNER BAR, 25"x25"

MASONRY BOND BEAM, TYPICAL

9 STEPPED BOND BEAM & REINFORCING

SCALE: 3/4" = 1'–0"

UPPER BOND BEAM, SEE PLAN

HOOK BAR INTO TOP OF UPPER BOND BEAM

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

8"x8" BOND BEAM w/ 1–#5

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

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

BEARING

#5 VERTICAL IN GROUTED CELL AT DOT LOCATIONS ON PLAN

HOOK OR CORNER BAR

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

MASONRY WALL

11 GABLE END BRACING

SCALE: N.T.S.

USED ON ELEVATIONS B & E

4–16d NAILS

SHEATHING JOINT

ROOF SHEATHING, SEE SCHEDULE.

2x4 BRACE AT LOCATIONS SHOWN ON PLAN

2x4 BLOCK w/ 4–12d TOENAILS EACH END

2x4 OUTLOOKER

A2.5A CLIP @ EA. OUTLOOKER TO TRUSS.

TRUSS TOP CHORD, DROP 3 1/2"

BRACE VERTICAL MEMBERS PER TRUSS MFR DETAILS

4–16d

MID WALL WEEP SCREED

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

MASONRY WALL, SEE PLAN

12 ARCHED SPACE FRAMING

SCALE: 3/4" = 1'–0"

FOR ARCHES TALLER THAN 24" INSTALL DIAGONAL 2x TO MATCH WALL THICKNESS AND FASTEN EACH END w/ 2–1/4" TAPCON THRU THE BUCK AND EMBEDDED 1 1/2" INTO MASONRY

1/2" CDX PLYWOOD OR 7/16" OSB EACH SIDE w/ 8d NAILS @ 6" O.C. EDGE.

P.T. BUCKS PER BUCK DETAIL

MASONRY WALL

2x4 BLOCKING @ 6" OC w/ 2–8d NAILS EACH END, TYPICAL

DESIGN CRITERIA:

DESIGN IN ACCORDANCE WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE 7th EDITION (2020) RESIDENTIAL

1. FLOOR & ROOF UNIFORM LOADS:

ELEVATED FLOORS: LIVE LOAD 40 PSF, DEAD LOAD 20 PSF

ROOF: LIVE TOP CHORD 20 PSF

LIVE BOTTOM CHORD 10 PSF (NON–CONCURRENT w/ TOLL)

CEMENT ROOF TILE DEAD LOAD 25 PSF TOTAL

SHINGLE/METAL ROOFING DEAD LOAD 15 PSF TOTAL

MINIMUM DEAD LOAD FOR WIND: TC 5 PSF, BC 5 PSF

DEFLECTION CRITERIA:

FLOOR L/480 LIVE, L/360 TOTAL

ROOF L/240 LIVE, L/180 TOTAL

2. WIND LOADS:

WIND DESIGN PER, ASCE7–16

BASIC WIND SPEED (ASCE7–16) 160 MPH

NOMINAL WIND SPEED (V=98=124 MPH) 124 MPH

BUILDING CATEGORY II

IMPORTANCE FACTOR 1.00

EXPOSURE C

MEAN ROOF HEIGHT = 15 FT

ROOF PITCH 5/12

ENCLOSURE CLASS ENCLOSED

INTERNAL PRES. COEFF. +/- 0.18

WINDOW/DOOR DESIGN WIND PRESSURE PER TABLE R301.2(2), R301.2(3) AND R301.2(4). SEE DETAIL ON S–3.

SOFFITS – PER R704. ALL SOFFITS & THEIR ATTACHMENTS SHALL BE CAPABLE OF RESISTING THE DESIGN PRESSURES SPECIFIED IN TABLE R301.2(2) FOR WALLS USING 10 SQ. FT.

3. REINFORCED CONCRETE:

DESIGN AS PER ACI 318–14

REQUIRED COMPRESSIVE STRENGTH AT 28 DAYS:

SLAB ON GRADE f'c = 2500 PSI

3 1/2" MINIMUM THICKNESS REINFORCED WITH 6x6 w1.4xw1.4 WWF OR FIBERMESH.

CONVENTIONAL SHALLOW FOOTINGS f'c = 2500 PSI

BEAMS AND COLUMNS f'c = 3000 PSI

ALL OTHER CONCRETE (U.N.O.) f'c = 3000 PSI

UNLESS OTHERWISE SHOWN ON DRAWINGS, MINIMUM CONCRETE COVER FOR REINFORCING SHALL BE AS FOLLOWS:

FOOTINGS 3" CENTERED

SLAB ON GRADE 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 60 FOR #3 GRADE 60 FOR #4 TO #11

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 #5 BARS.

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

4. REINFORCED MASONRY:

DESIGN PER TMS 402/602–16

REQUIRED COMPRESSIVE STRENGTHS:

MASONRY WALLS f'm = 1500 PSI

REINFORCING STEEL – ASTM A615 GRADE 60.

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.

5. DELEGATED–ENGINEERED WOOD ROOF TRUSSES:

ALL WOOD ROOF TRUSSES SHALL BE DESIGNED BY A DELEGATED TRUSS ENGINEER PER RULE 61015–31.003 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, HB–91." FOR OTHER BRACING REQUIREMENTS, NOTIFY ENGINEER. PROVIDE PERMANENT BRACING PER TRUSS MFR. SHOP DRAWINGS. IF PERMANENT BRACING IS NOT SPECIFIED, CONTACT ENGINEER.

6. FOUNDATION:

CONVENTIONAL SHALLOW CONCRETE FOOTINGS 2000 PSF SOIL BEARING CAPACITY

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL CONDITIONS FOR THE INTENDED STRUCTURE AND ASSUMED SOIL BEARING CAPACITY. IT IS RECOMMENDED THAT A GEOTECHNICAL FIRM BE HIRED TO PERFORM A SITE EVALUATION.

7. DIMENSIONS: VERIFY ALL DIMENSIONS WITH HOUSE PLANS. SEE HOUSE PLANS, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR EMBEDS, OPENINGS, SLEEVES, ETC. WHICH ARE NOT SHOWN ON STRUCTURAL DRAWINGS.

8. MEANS AND METHODS: THE STRUCTURAL ENGINEER SHALL NOT HAVE CONTROL OR BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, OR SEQUENCES TEMPORARY BRACING, SHORING, GUYING OR OTHER MEANS TO SUPPORT STRUCTURAL ELEMENTS IN PLACE DURING CONSTRUCTION. FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, OR ANY OTHER PERSONS PERFORMING THE WORK OR FOR THE FAILURE OF ANY OF THEM TO CONSTRUCT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

9. SHOP DRAWINGS: SHOP DRAWINGS SHALL BE PREPARED AND SUBMITTED TO THE ENGINEER FOR REVIEW FOR ALL STRUCTURAL ELEMENTS UTILIZING PREFABRICATED COMPONENTS. ONE SET OF SIGNED & SEALED TRUSS ENGINEERING SHALL BE DELIVERED TO THE ENGINEER OF RECORD FOR THE STRUCTURE PER FLORIDA ADMINISTRATIVE CODE 61015–30.005 AND 61015–31.003.

FBC R703.7 EXTERIOR PLASTER

ASTM C926 AND ASTM C1063

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

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

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

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

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

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

STUD FRAMING OR FLOOR TRUSS OR GABLE END WITH WALL SHEATHING

MASONRY WALL

EXTERIOR WALL WITH PLASTER

THICKNESSES ARE EXAGGERATED FOR DRAWING PURPOSES

REVISIONS	BY

STRUCTURAL ENGINEERING:

STRUCTURAL SYSTEMS OF NORTH FLORIDA

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CA# 8829

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

FOR SCOSTA TRUSS, 160 MPH, EXPOSURE C, MODEL 2221, ELEVATION F, 3 CAR GARAGE, JOB # R2222F13, DATED: 10/16/20, REVISED: 12/22/20

BUILDER:

D-R-HORTON • BUILDER

America's Builder

MODEL 2221 F

3–CAR GARAGE

28089 CAPTIVA SHELL LOOP
BONITA SPRINGS, FLORIDA 34135
LOT: 394 SUBDIVISION: SEASONS BONITA

DESIGN/DRAWN DWB/GH

CHECKED DWB

DATE 06/04/21

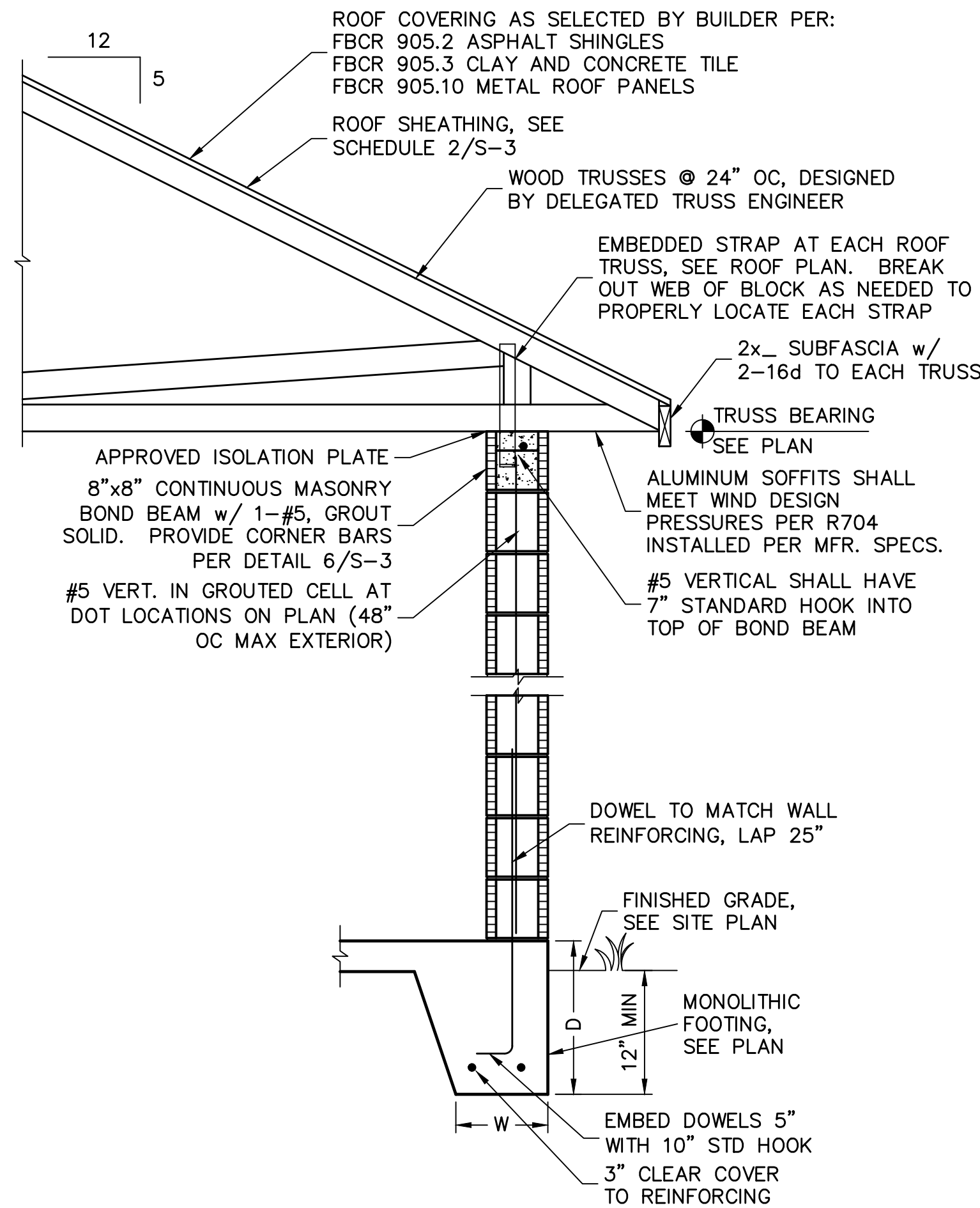
SCALE VARIES

DR 12636

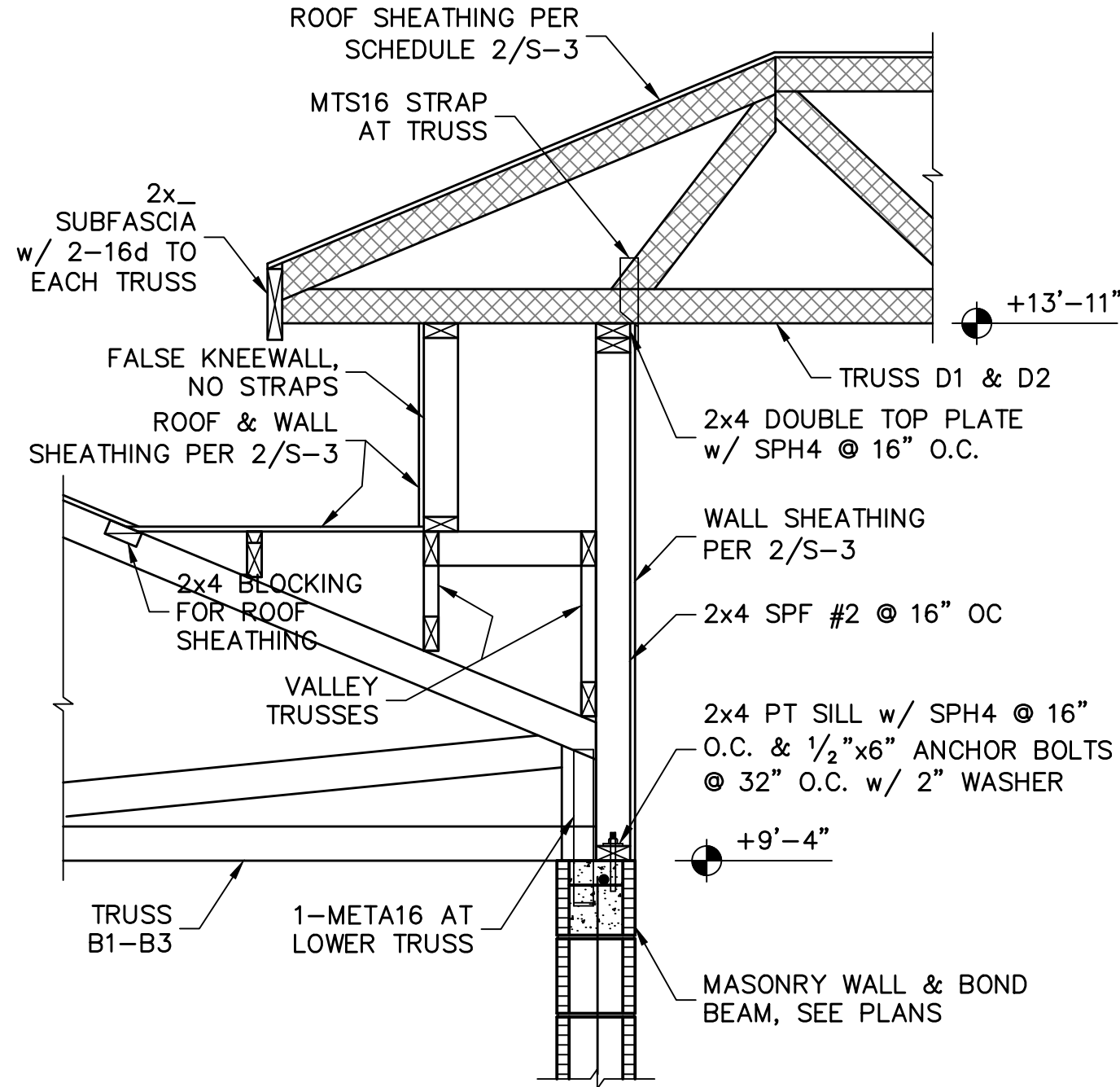
SHEET

S–3

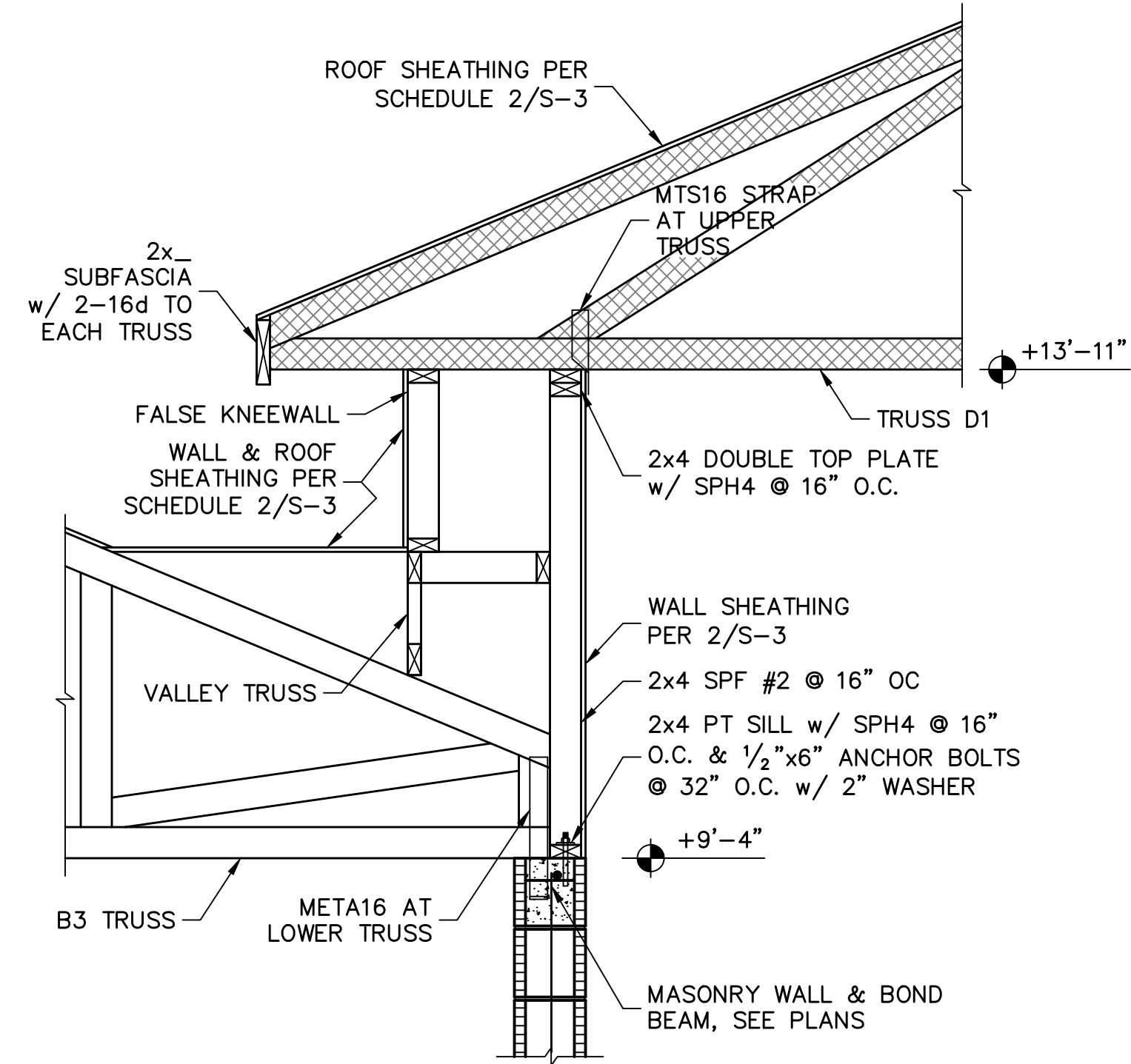
SHEET 3 OF 4



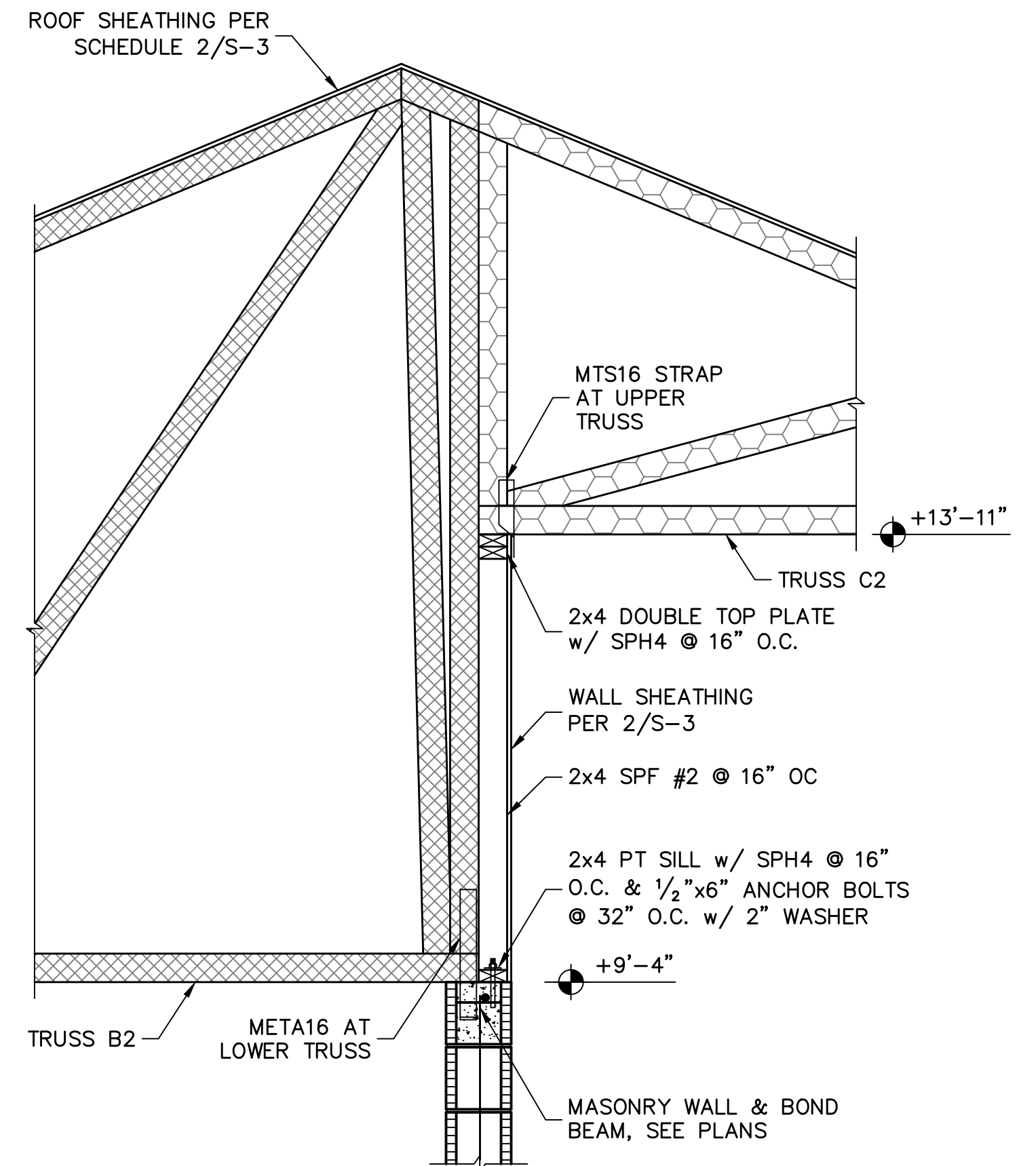
1 FULL HEIGHT WALL SECTION
SCALE: 3/4" = 1'-0"



2 KNEEWALL @ ENTRY 'A' & 'F'
SCALE: 3/4" = 1'-0"



3 KNEEWALL @ ENTRY 'B' ONLY
SCALE: 3/4" = 1'-0"



4 KNEEWALL @ ENTRY 'E' ONLY
SCALE: 3/4" = 1'-0"

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

FOR SCOSTA TRUSS, 160 MPH, EXPOSURE C, MODEL 2221, ELEVATION F, 3 CAR GARAGE, JOB # DR2221F3, DATED: 10/16/20, REVISED: 12/22/20
DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 7th EDITION (2020) RESIDENTIAL

BUILDER:
D.R. HORTON • PH
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S-4
SHEET 4 OF 4