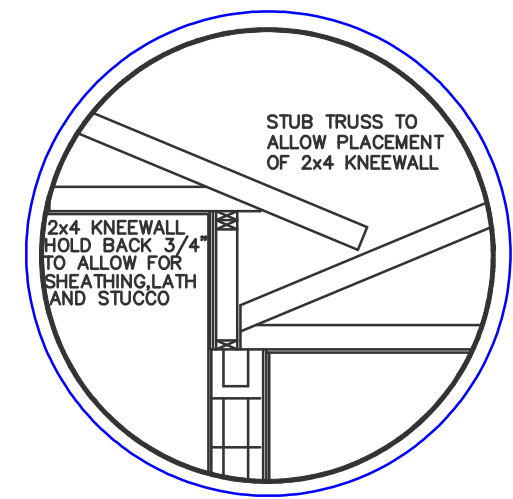
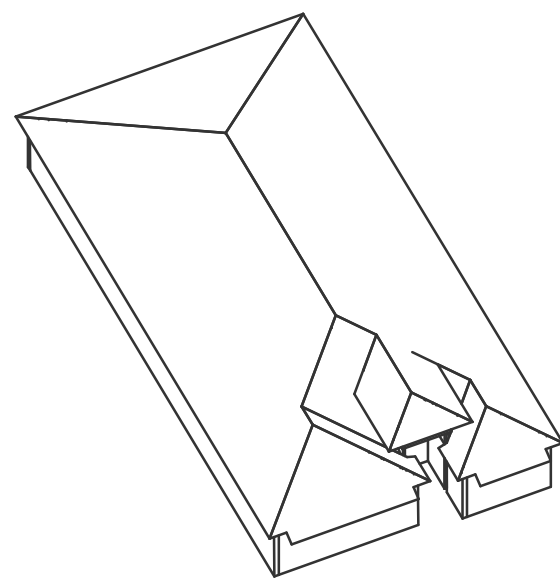
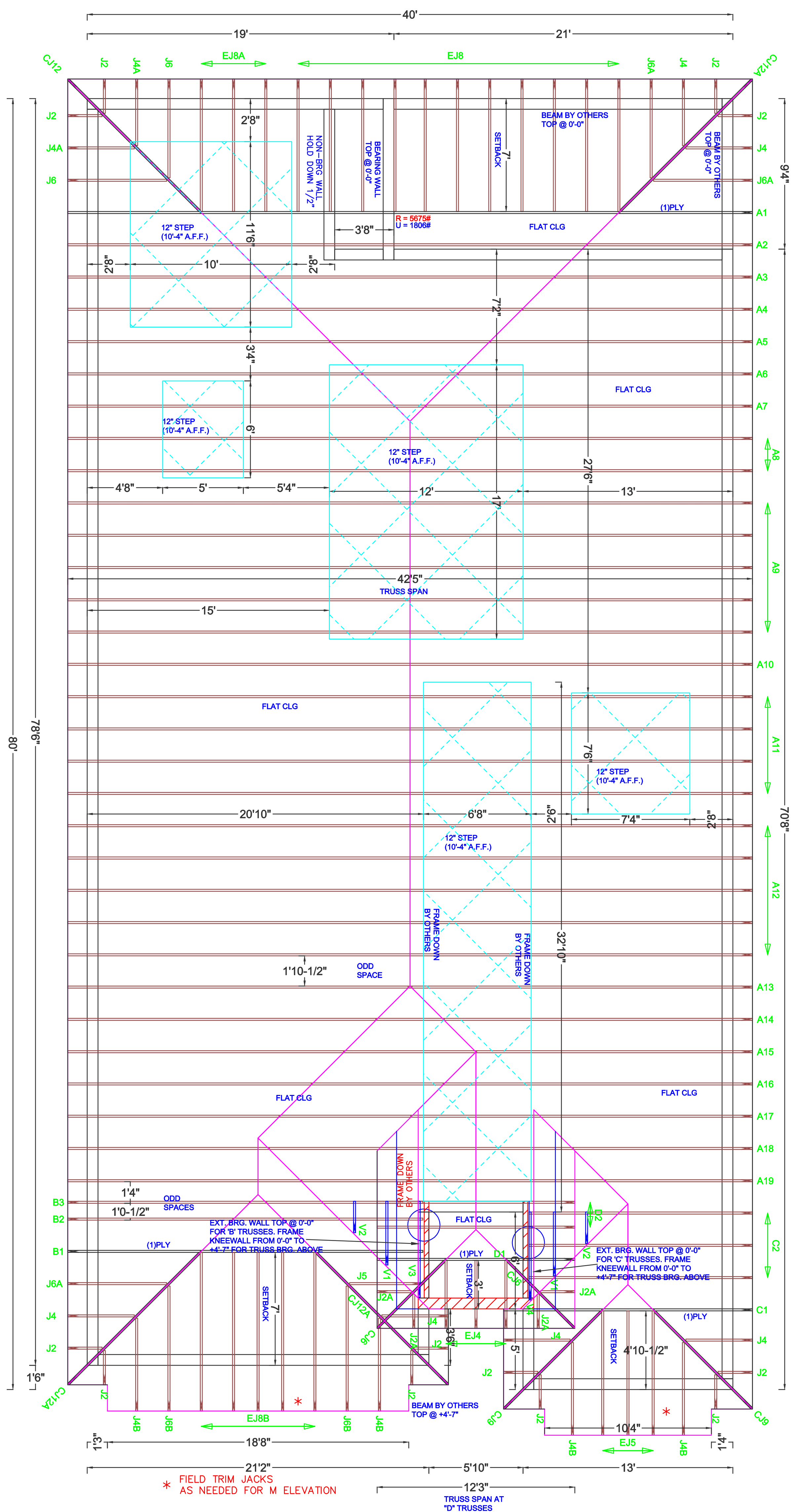
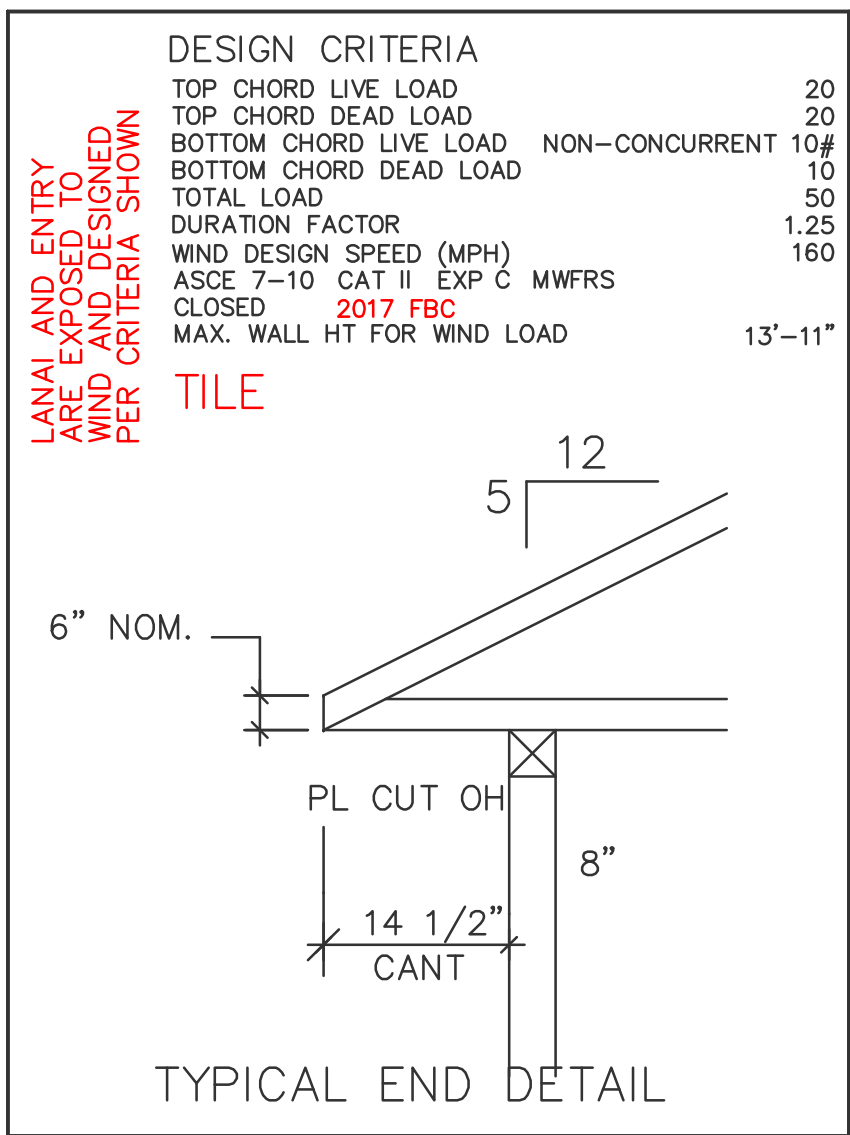
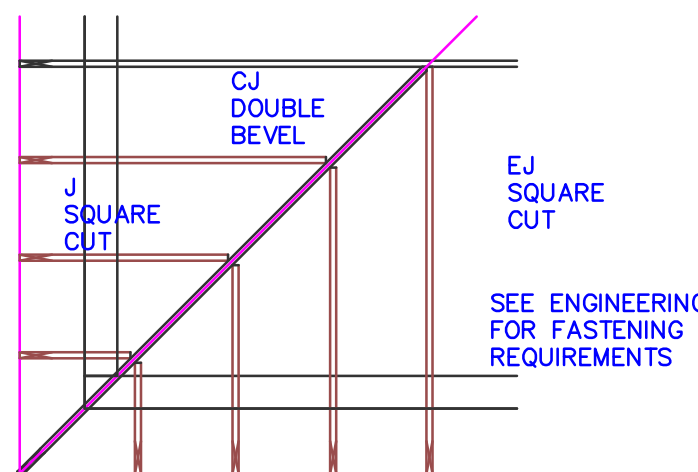




STRUCTURAL SUB-FASCIA BEAM & CONNECTIONS
DESIGNED & PROVIDED BY OTHERS TO
SUPPORT REACTIONS & UPLIFTS SHOWN,
SUB-FASCIA BEAM TO BE SUPPORTED BY C/J
& MIN. (3) ADJACENT TRUSSES.
REACTIONS AND UPLIFTS
FOR
J2A
R=110#
U=19#
RL=46#

TYPICAL JACK CUTS



****UNLESS NOTED****
REACTION VALUES ARE UNDER 5000#
UPLIFT VALUES ARE UNDER 1000#

ALL TRUSSES 24\"/>

DO NOT ATTEMPT TO ERECT TRUSSES WITH-
OUT 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/TP/ BSCI-B1 SUMMARY
SHEET FOR HANDLING METHODS & TEMPORARY
BRACING, WHICH IS ALWAYS REQUIRED

BEARING HEIGHTS BASED ON PLANS PROVIDED TO SCOSTA
CORP. +/- BEARING DIFFERENCES SHOWN ARE CRITICAL.
IF ANY HEIGHTS DEVIATE - INFORM SCOSTA CORP.

BEARING WALL & BEAM HEIGHTS

9'-4" A.F.F.	0'-0"	ELEV.
13'-11" A.F.F.	+3'-11"	ELEV.
		ELEV.
		ELEV.
		ELEV.
		ELEV.
		ELEV.

HANGER SCHEDULE

(C) USP HUS 26	(M) USP THDH 28-3
(F) USP HUS 28	(N) USP THD 48
(H) USP THDH 28	(P) USP JUS 24
(I) USP THDH 28-2	(B) USP MSH 422
(W) USP HJC 26	(X)

HANGER VALUES HAVE BEEN BASED ON 16D
COMMON NAILS EXCEPT THE FOLLOWING
LUS24 - 10D COMMON THJ26 - 10D x 1-1/2

*****ATTENTION*****

APPROVAL OF THIS TRUSS LAYOUT IS NECESSARY
BEFORE FABRICATION CAN BEGIN. VERIFY DIMENSIONS,
PITCHES, OVERHANGS, ELEVATIONS, CEILING &
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.

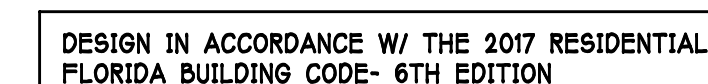
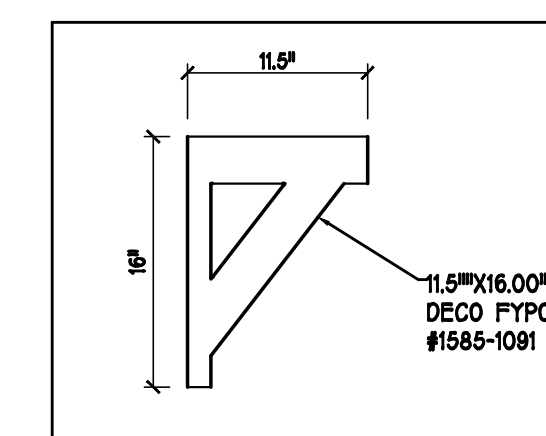
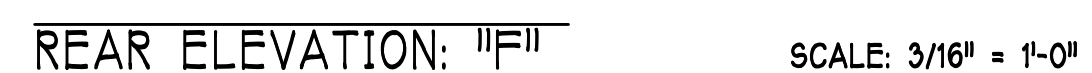
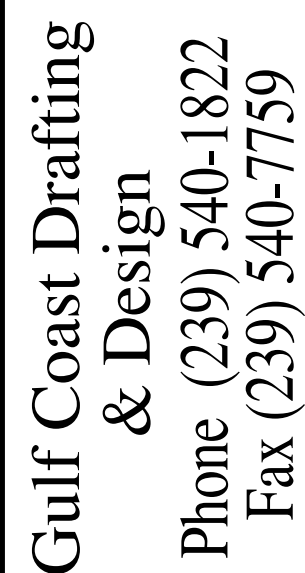
APPROVED BY: _____
DATE: _____ REQUESTED DELIVERY DATE: _____
JOBSITE CONTACT NAME: _____
PHONE #: _____
E-MAIL: _____

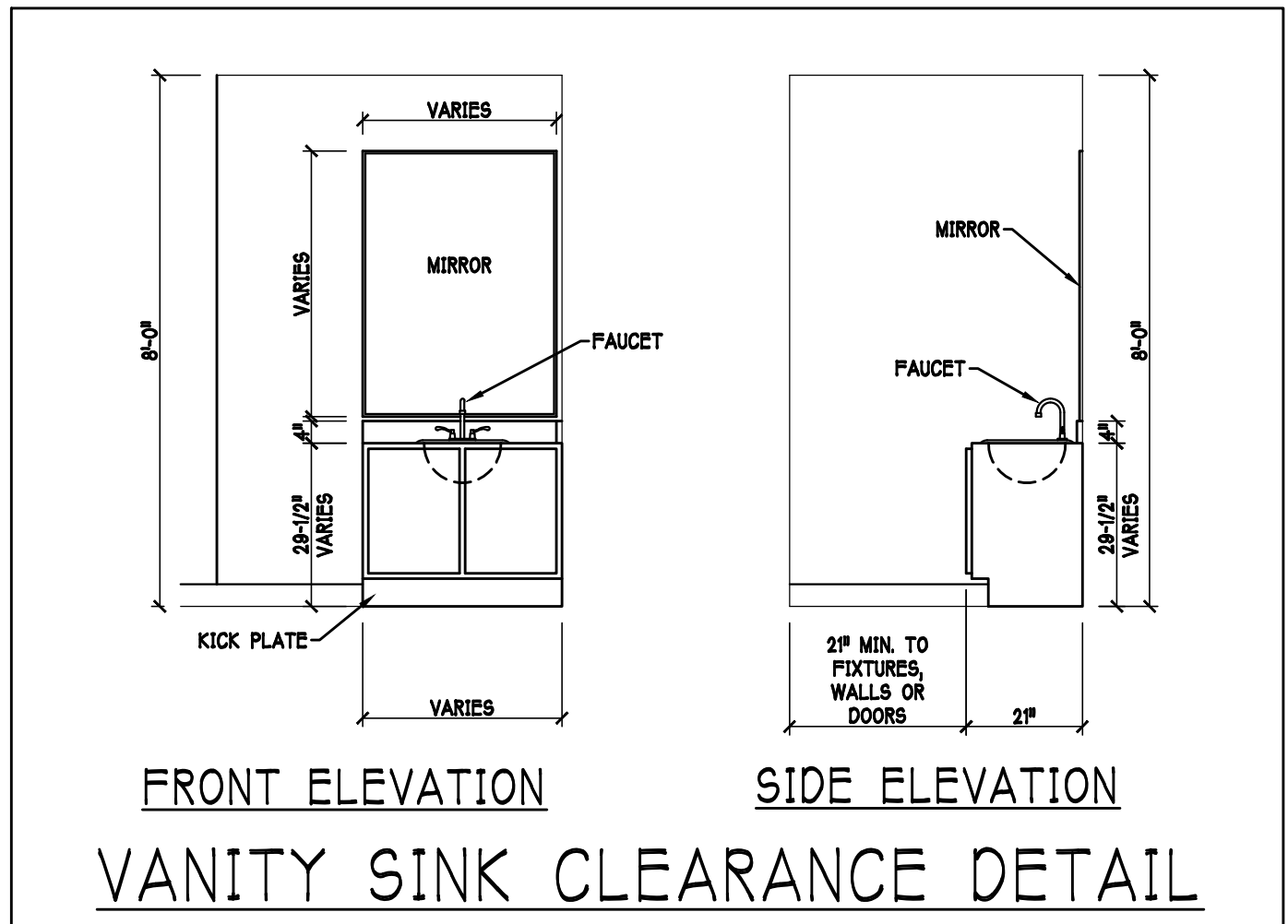
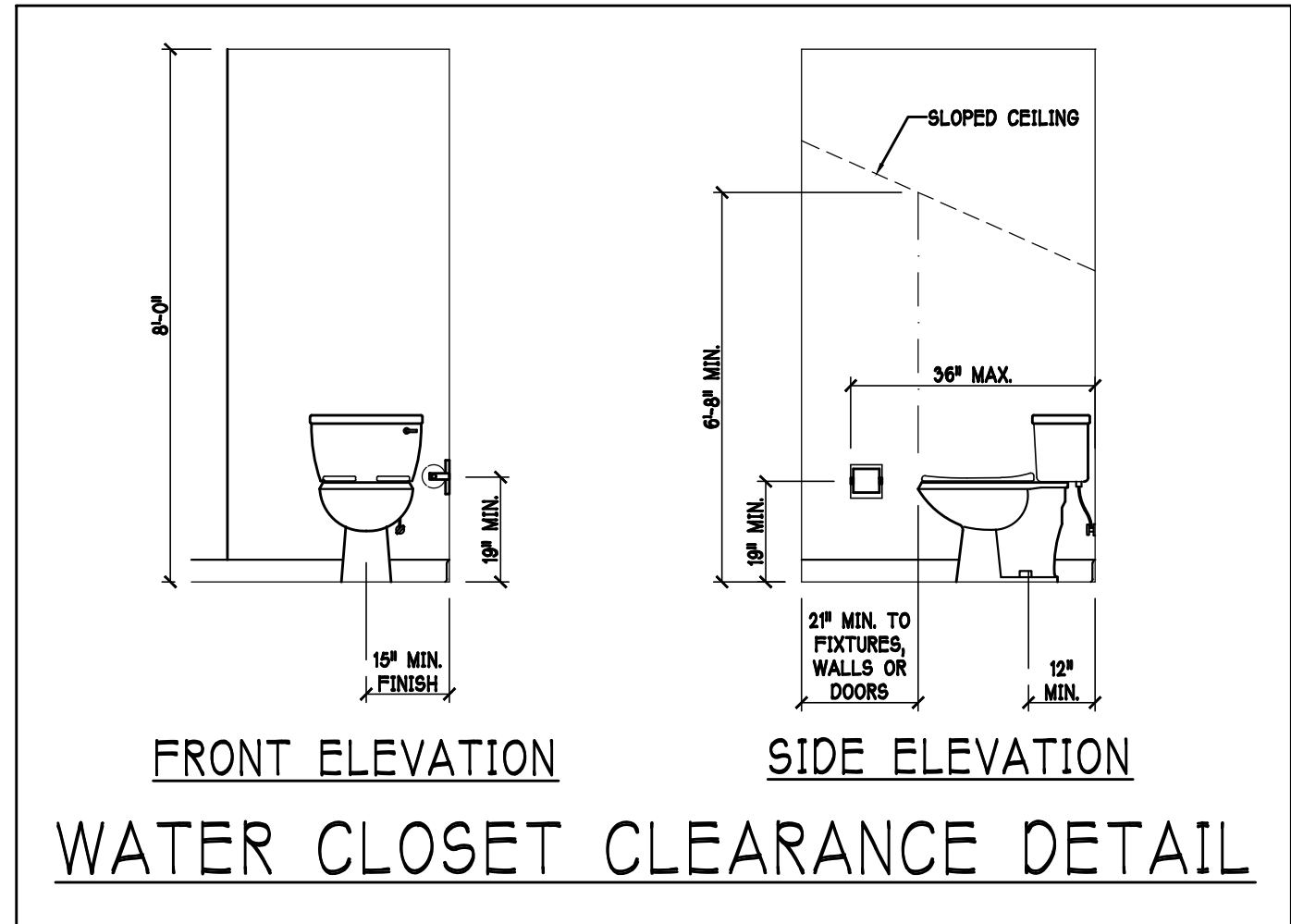
SCOSTA CORP.

WOOD, STEEL OR TIMBER
ROOF & FLOOR TRUSSES

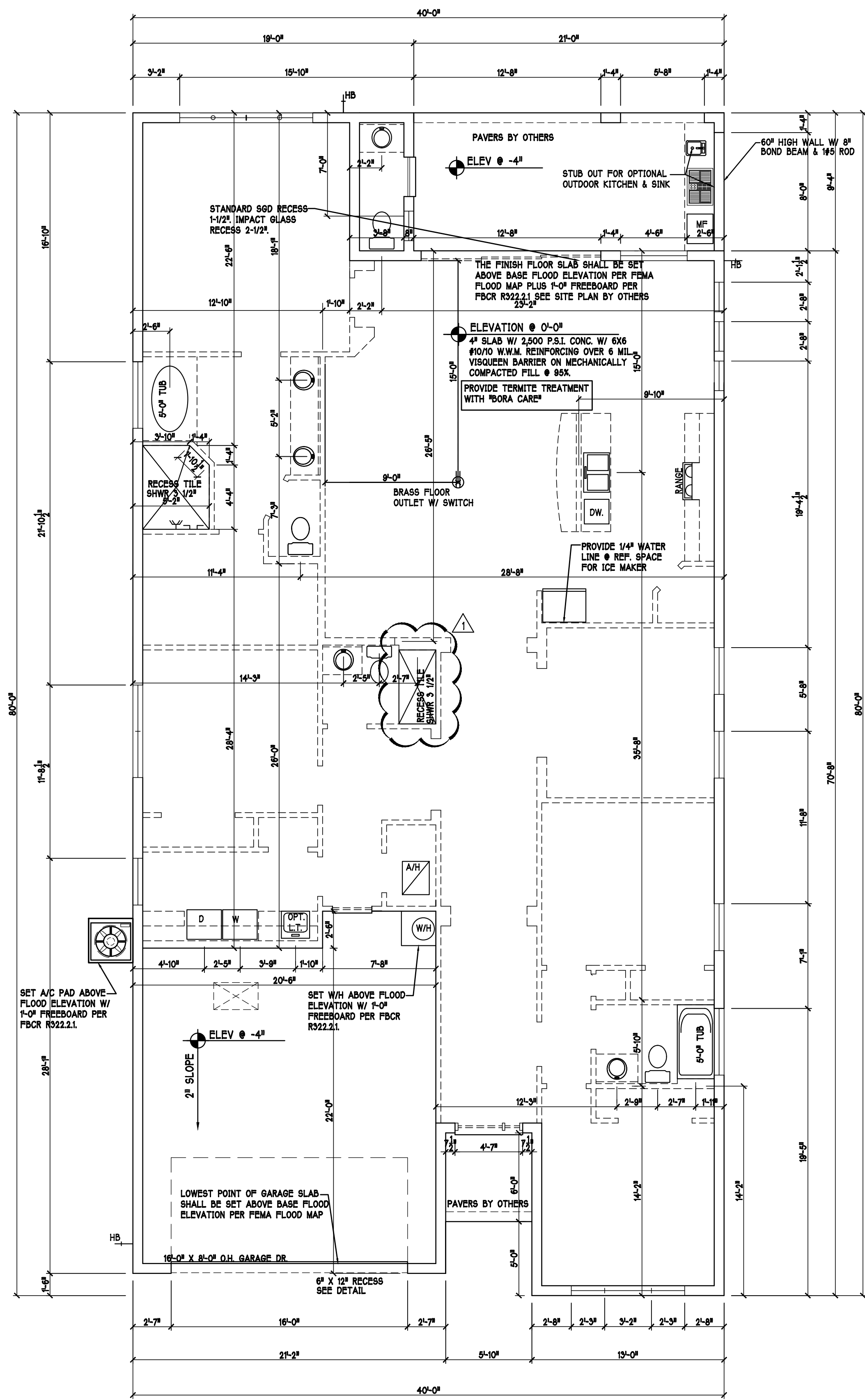
3670 COMMERCE CENTER DRIVE
SEBRING, FL 33870
(863) 385-8242

SCALE: 1/4"=1'-0"	DATE: 09/25/18	REVISED BY: KD 04/18/19	DRAWN BY: KRISTY
JOB ADDRESS: 2431 F/M GARAGE LEFT LEE/COLLIER/CHARLOTTE			1 of 1
CUSTOMER: D.R. HORTON		JOB # 44228F	





REVISIONS		
MARK	DATE	DESCRIPTION
△	02-16-16	ADDED SHOWER TO BATH #3 IN LIEU OF TUB



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

Gulf Coast Drafting & Design

Phone (239) 540-1822

Fax (239) 540-7759

LOT: 20

SUBDIV: SEASONS BONITA 50s

ADDRESS: 16574 CRESCENT BEACH WAY

G.C.D.# : 11158

BLOCK :

UNIT: 2431

RESIDENCE FOR:

SPEC

DATE: 09-10-19

DRAWN BY: JSL

CHECKED BY: JWC

REVISED: 03-02-20

PLAN: SLAB & PLUMBING

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

SHEET#

A-2F

WIND PRESSURES PER ASCE7-10, 170 MPH, EXPOSURE B, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR. V=124 MPH D R HORTON						
MARK	SIZE CODE	PRODUCT DESCRIPTION	WIDTH	HEIGHT	WIND-BORNE DEBRIS PROTECTION	QTY
①	OVERHEAD	GARAGE DOOR	192	96		1
②	OVERHEAD	GARAGE DOOR	96	96		0
③	3080 ENTRY DR	DISTINCTION	36	96		1
④	2880	DISTINCTION	36	96		1

GARAGE DOOR ASSUMES 2' IN ZONE 5.

WIND PRESSURES PER ASCE7-10, 170 MPH, EXPOSURE B, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR, V=124 MPH D R Horton						
MARK	SIZE CODE	PRODUCT DESCRIPTION	WIDTH	HEIGHT	WIND-BORNE DEBRIS PROTECTION	QTY
A	35 SH		54	63		1
B	25 SH		38	63		4
C	4'-0" X 12" F.G.	FIXED GLASS TEMPERED	48	12		1
D	34 SH		54	51		1
E	2-35 SH		108	63		1
F	3-4080 SL. GL. DR.	SL. GL. DOOR	144	96		1
G	96" X 12" SIDE LITE		12	96		1
H	2-25 SH		76	63		1
J	2'-0" X 2'-0"	FIXED GLASS	24	24		3
K	1/2 35 SH		76	78		2
						17

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

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	88 1/2" A.F.F.

PLAN NOTES

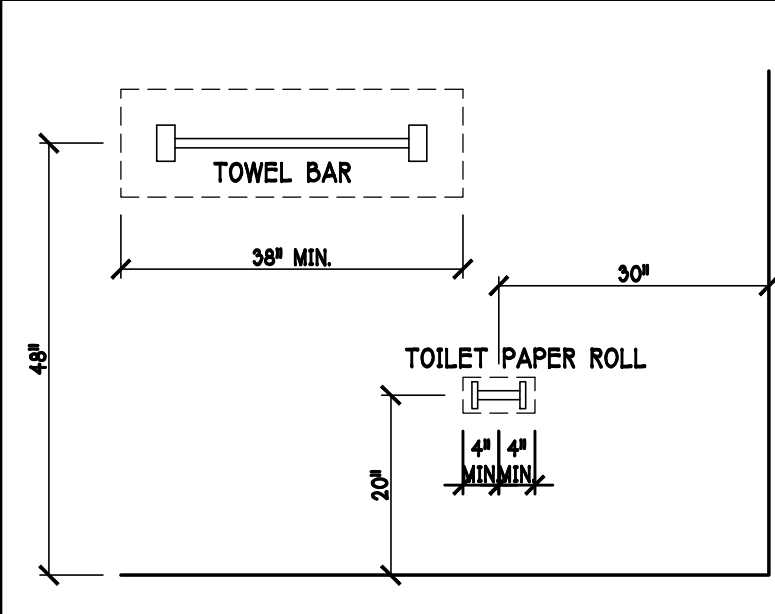
- VERIFY ALL ROUGH OPENING DIMENSIONS FOR ALL WINDOWS AND DOORS
- PROVIDE SAFETY GLAZING WITHIN 24" FROM EXIT PER FLORIDA BUILDING CODE R 308.4.2.
- PROVIDE SAFETY GLAZING AT BATH / SHOWER . PER FLORIDA BUILDING CODE R 308.4.5.
- NON BEARING INTERIOR FRAME WALLS SHALL BE FRAMED W/ WOOD OR METAL STUDS. 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 @ 41 1/2" A.F.F. W/ RAISED BAR TOP
- INSTALL SMOOTH WALLS IN KITCHEN AND ALL BATHROOM AREAS
- WHERE DRYWALL CEILING IS APPLIED TO TRUSSES AT 24" O.C. USE 5/8" DRYWALL OR 1/2" SAG RESISTANT PER SEC. 702.3.5
- 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
- INSTALL 1 3/8" THICK SOLID WOOD DOOR BETWEEN LIVING AND GARAGE PER FLORIDA BUILDING CODE R302.5.1
- ALL WINDOWS INSTALL 72" ABOVE GRADE MUST COMPLY WITH R 302.2.1 MIN 24" SILL HEIGHT OR PROVIDED WITH AN APPROVED WINDOW FALL PREVENTION DEVICE
- 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.
- ALL CLOSET SHELVES TO BE 12". ALL PANTRY & LINEN TO BE 14"-16" SHELVES 18" O.C.F. WITH 15" INCREMENT.
- ALL MECHANICAL AND ELECTRICAL EQUIPMENT TO BE INSTALLED AT OR ABOVE FLOOD PLUS 2'-0" FREEBOARD.

CABINET BACKING

KITCHEN	UPPER TOP @ 64"	BASE TOP @ 35"
MASTER BATH	UPPER	BASE- TOP @ 35"
GUEST BATH	UPPER	BASE- TOP @ 31"
LAUNDRY RM.	UPPER TOP @ 64"	BASE

BATHROOM NOTES

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



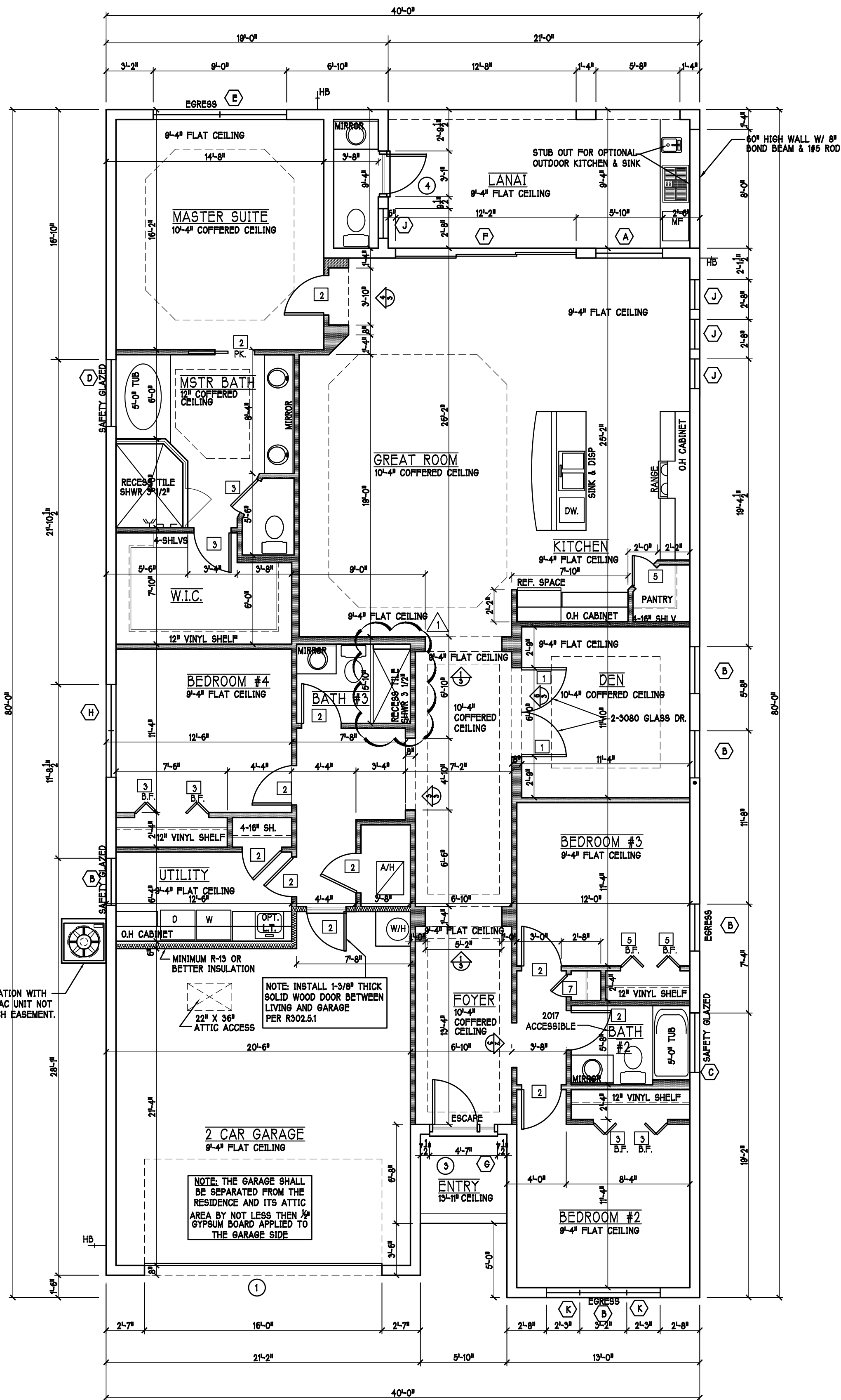
INTERIOR DOOR SCHEDULE

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

PROVIDE SAFETY GLAZING WITHIN 24" FROM EXIT DOOR.
(PER FLORIDA BUILDING CODE-R308.4.2)

NOTE:
PROVIDE SAFETY GLAZING AT BATH/SHRW.
SHALL COMPLY WITH R 308.4.5

REVISIONS		
MARK	DATE	DESCRIPTION
△	02-16-16	ADDED SHOWER TO BATH #3 IN LIEU OF TUB



FLOOR PLAN:

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

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

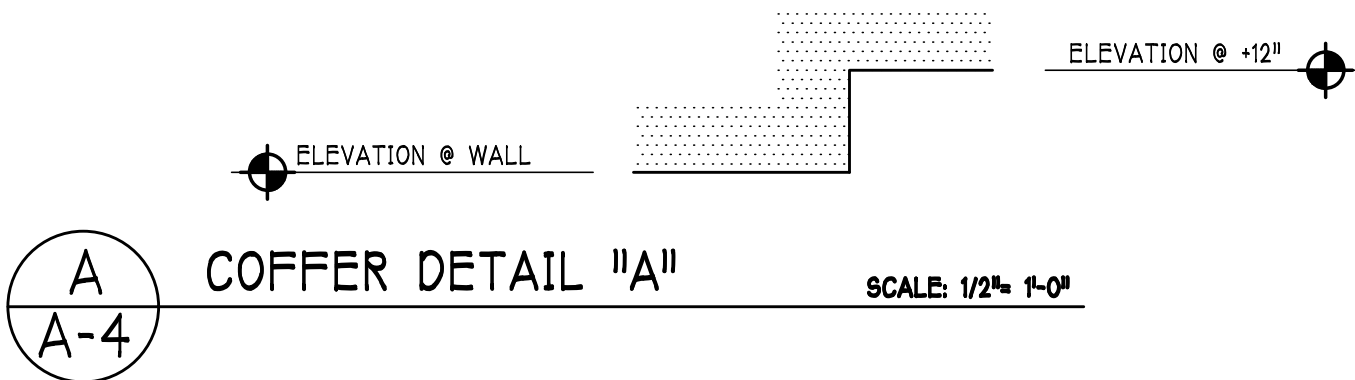
D R HORTON
America's Builder

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

LOT: 20	BLOCK :	MODEL:	SPEC
SUBDIV: SEASONS BONITA 50s	UNIT 2431	RESIDENCE FOR:	
ADDRESS: 16574 CRESCENT BEACH WAY			
G.C.D.#: 11158	DR.H.#: 579220279		

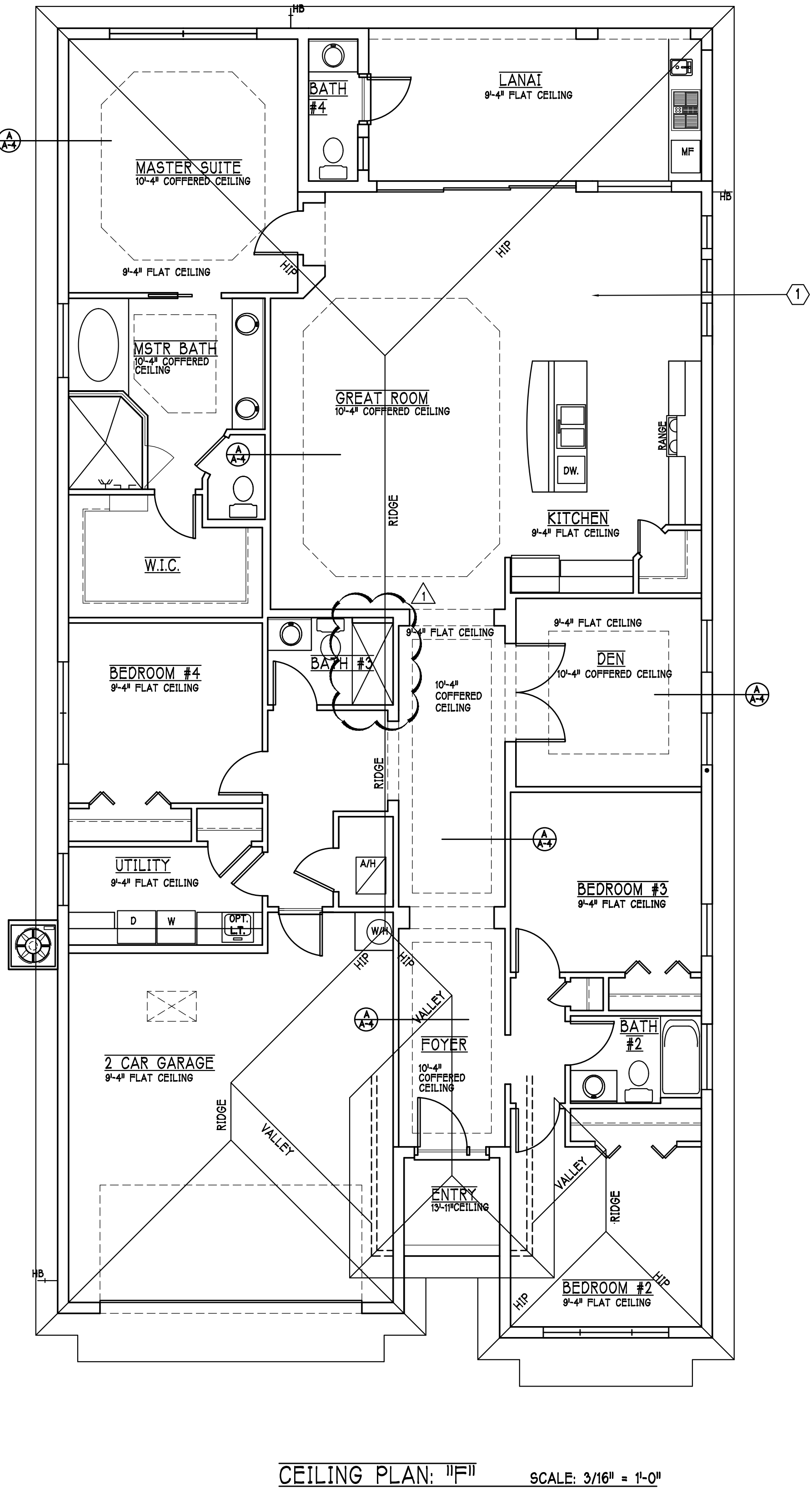
DATE:	09-10-19
DRAWN BY:	JSL
CHECKED BY:	JWC
REVISED:	03-02-20
PLAN:	FLOOR
SCALE:	3/16"=1'-0"
SHEET#	A-3F

MODEL 2431 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.)		
MARK	ATTIC	SOFFIT	ATTIC AREA/150	REQD AIR FLOW OF SOFFIT	QUAD 4 SOFFIT HAS	ATTIC AREA/300	QUANTITY OF ROOF VENTS	MIN AIR FLOW OF SOFFIT
1st STORY	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			2x2x18 P.V. LOMANCO 770-D 0.87 SQ. FT. FREE AIR		



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

REVISIONS		
MARK	DATE	DESCRIPTION
Δ	02-16-16	ADDED SHOWER TO BATH #3 IN LIEU OF TUB



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

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

MODEL: UNIT 2431

LOT: 20 BLOCK: SUBDIV: SEASONS BONITA 50s

RESIDENCE FOR: SPEC

ADDRESS: 16574 CRESCENT BEACH WAY

G.C.D.#: 11158 D.R.H.#: 579220279

DATE: 09-10-19

DRAWN BY: JSL

CHECKED BY: JWC

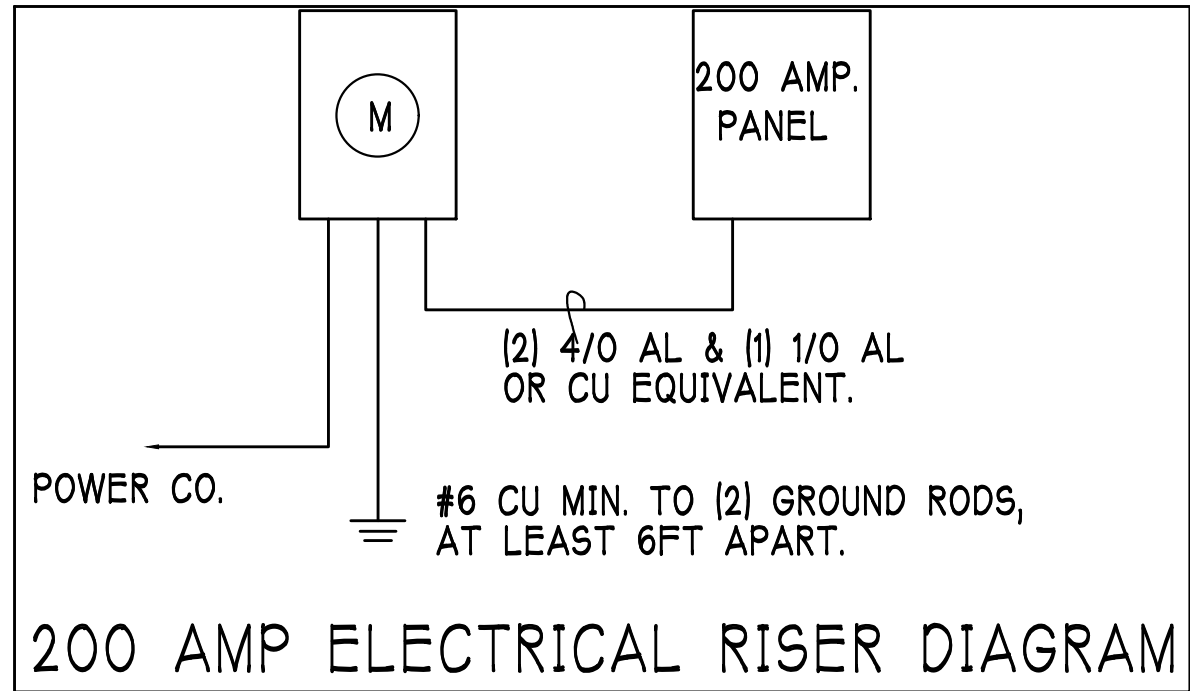
REVISED: 03-02-20

PLAN: ROOF & CEILING

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

SHEET#

A-4F

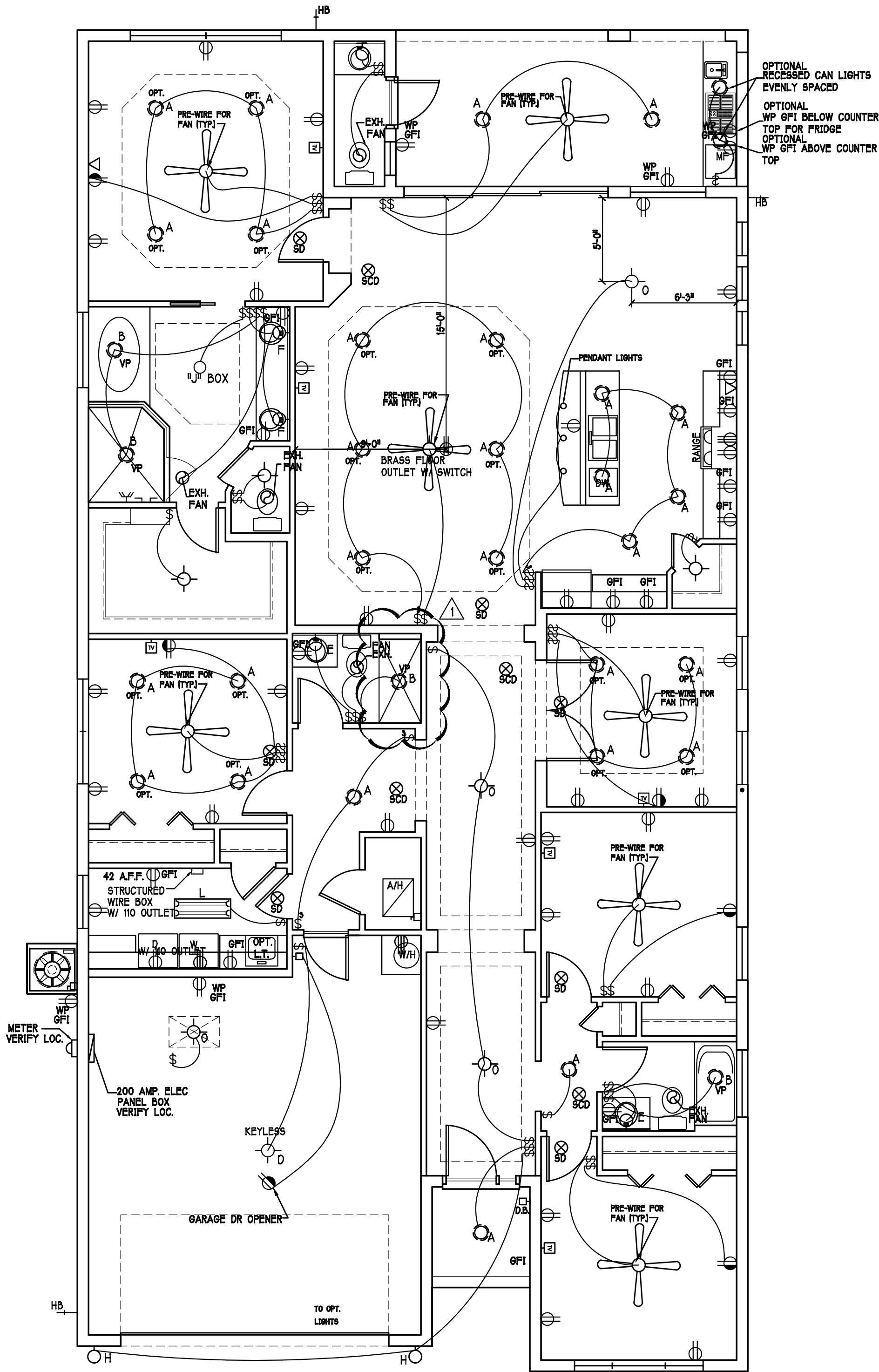


ELECTRICAL LEGEND	
	ELECTRICAL METER
	ELECTRICAL PANEL
	120 V JUNCTION BOX
	SINGLE RECEPTACLE OUTLET
	220 V RECEPTACLE OUTLET
	4-PLEX RECEPTACLE OUTLET
	DUPLEX RECEPTACLE OUTLET
	1/2 SWITCHED DUPLEX OUTLET
	DUPLEX RECEPTACLE • ELEV. A.F.F.
	TIMER SWITCH
	GFI SWITCH
	DIMMER SWITCH
	3 WAY SWITCH
	SINGLE POLE SWITCH
	AC/DC SMOKE DETECTOR TO BE INTERCONNECTED ANY RESIDENT HAVING A POSSIBLE-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 PURPOSES. PER RULE 90-004.72 SD (SMOKE DETECTOR) SCD (CARBON MONOXIDE/SMOKE DETECTOR)
	TELEPHONE OUTLET
	TELEVISION RECEPTION OUTLET
	SURFACE MOUNTED CEILING LIGHT
	RECESSED LIGHT
	WALL MTD. BRACKET LIGHT
	DUPLEX FLOOD LIGHT
	EXHAUST FAN
	TRACK MTD. LIGHTS
	A/C DISCONNECT
	PUSH BUTTON
	DOOR BELL
	KEYPAD
	4' FLUORESCENT LIGHT
	2' UNDER COUNTER LIGHT

Electrical Notes:
Install Arc-Fault circuit-Interruptioners & 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

ELECTRICAL PLAN 2431			
200 Amp Service			
TAG	QUANTITY	PRODUCT	
A	(28)	Recessed Cans	
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	(2)	Coach Lights	
J	(X)	Coach Lights	
K	(X)	J BOX	
L	(1)	4' Fluorescent	
M	(X)	2' Fluorescent	
N	(X)	5lt Chandelier	
O	(1)	3 LT	
P	(3)	Pendant Light	

REVISIONS		
MARK	DATE	DESCRIPTION
△	02-16-16	ADDED SHOWER TO BATH #3 IN LIEU OF TUB



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

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

MODEL:
UNIT 2431

LOT: 20
BLOCK:
SUBDIV: SEASONS BONITA 50s

RESIDENCE FOR:
ADDRESS: 16574 CRESCENT BEACH WAY
G.C.D.#: 111158 D.R.H.#: 579220279

DATE:
09-10-19

DRAWN BY:
JSL

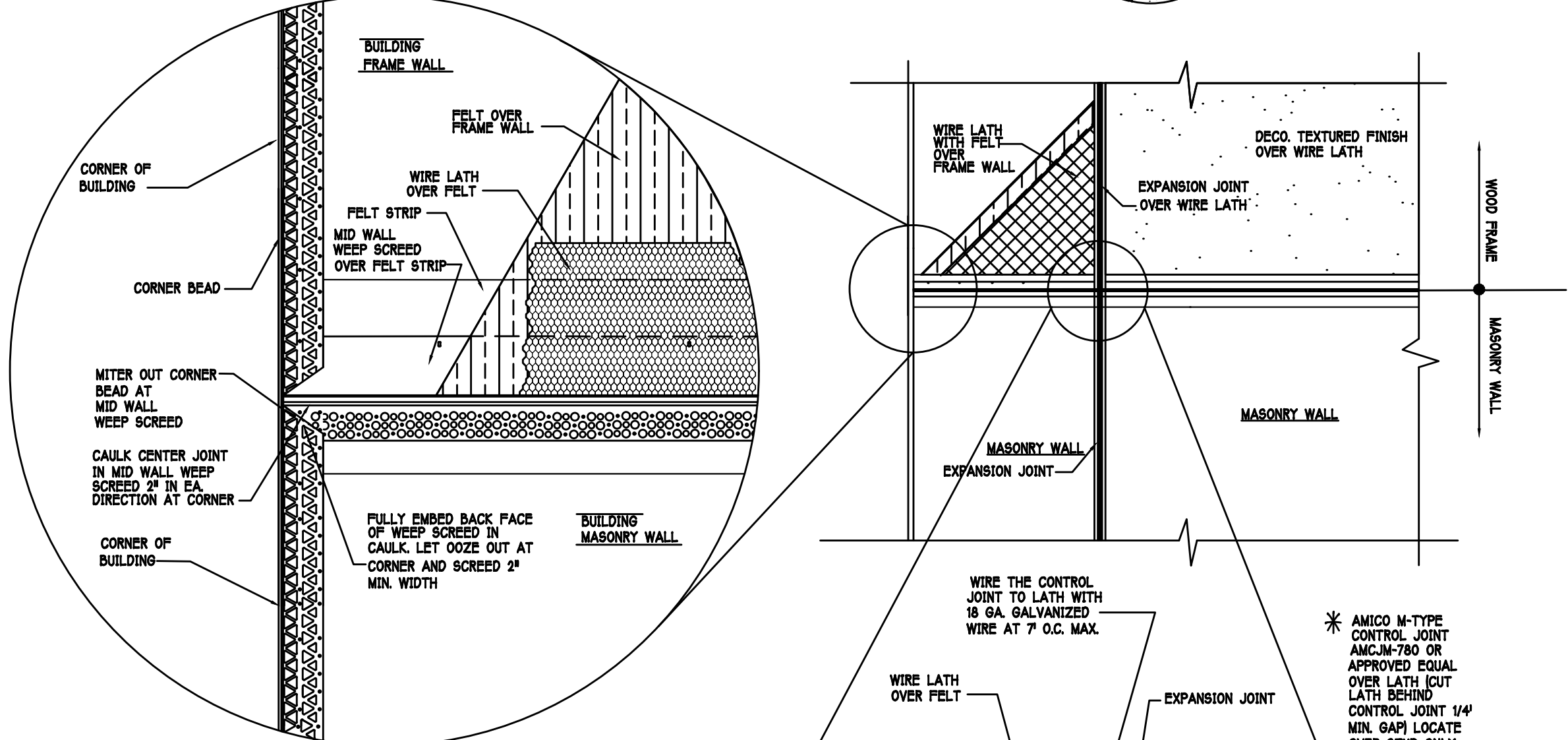
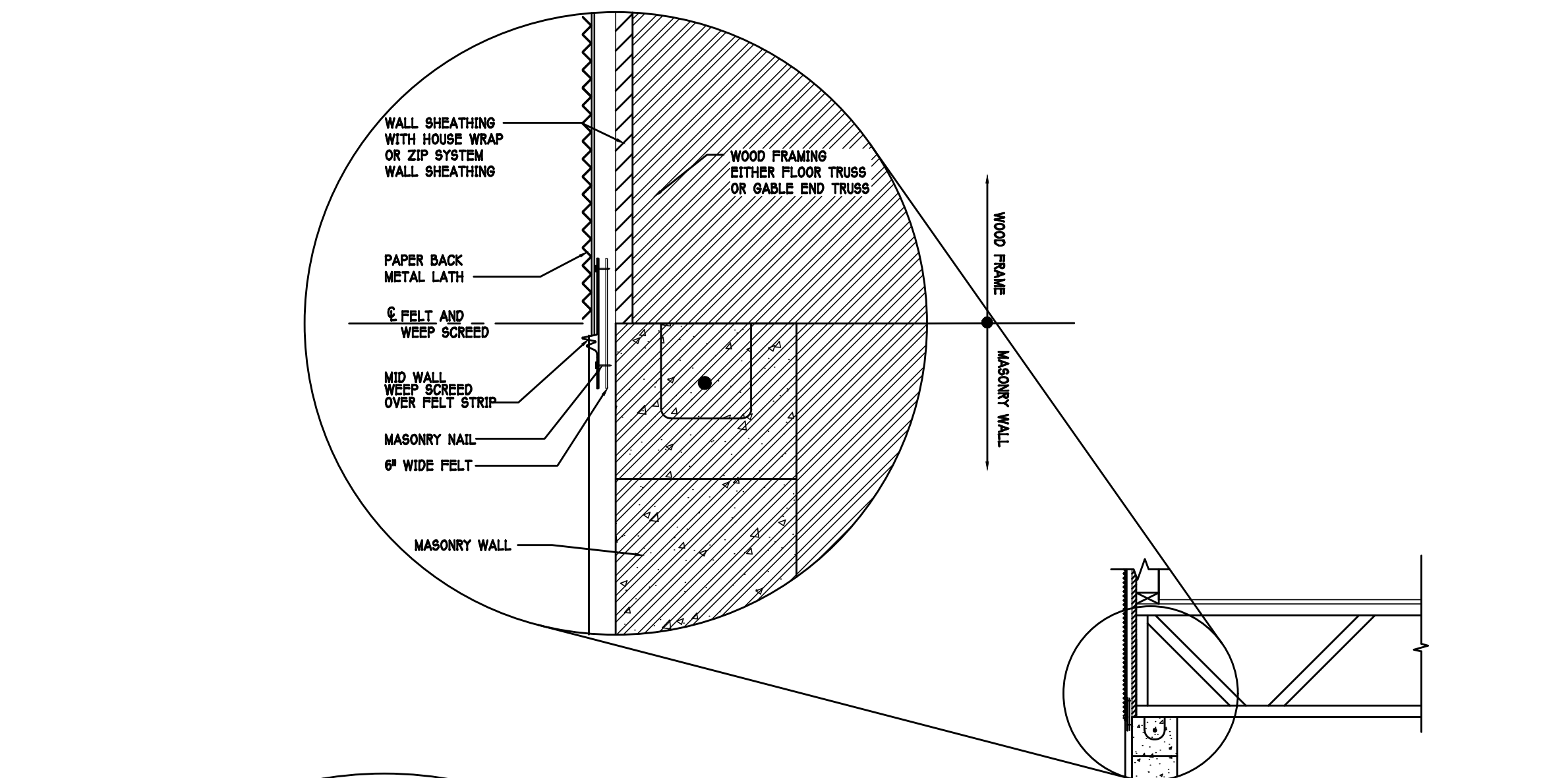
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JWC

REVISED:
03-02-20

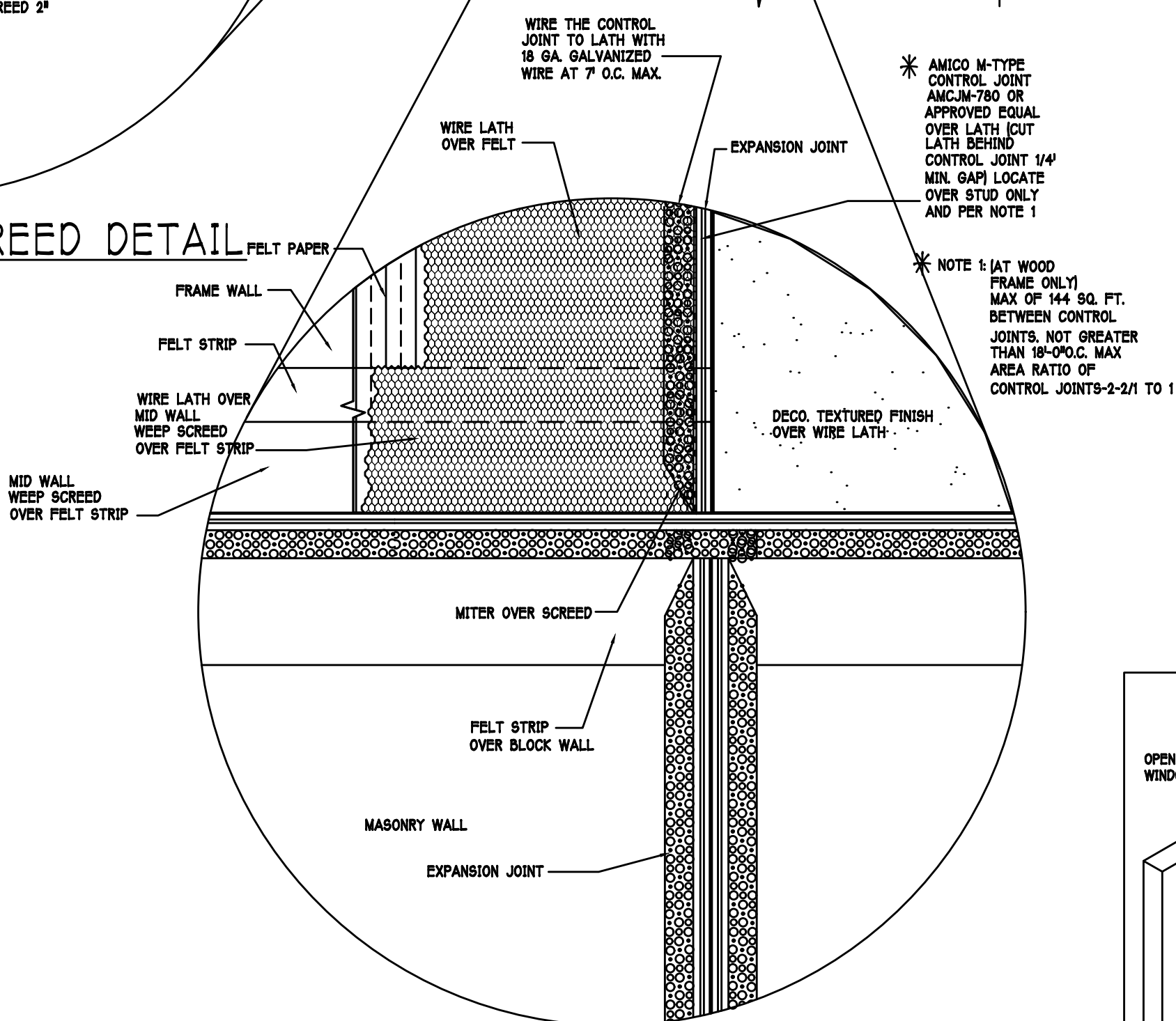
PLAN:
ELECTRICAL

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

SHEET#
A-5F

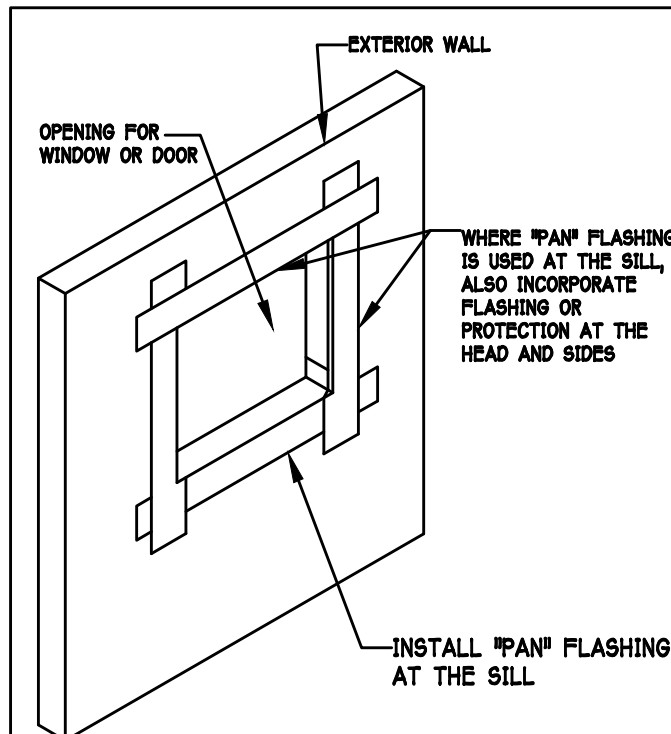


MID WALL WEEP SCREED DETAIL



WEEP SCREED DETAIL

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



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.

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-resistant barrier for subsequent drainage. Openings using pan flashing shall incorporate flashing or protection at the head and sides.

'Pan Flashing' is a generic term that is used to refer to 'metal pan flashing'. However many modern materials have been developed for the same function such as:
- Flexible Peel n Stick Flashing Membrane
- Fluid Applied Flashing
For such products, follow the manufacturer's installation instructions.

For in-depth flashing installation instructions, refer to the following publications:
FMA/AAMA 100
FMA/AAMA 200
FMA/WDMA 250
FMA/AAMA/WDMA 300

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 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" oc. EDGE AND FIELD.

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 1/4" CLIPS AT UNSUPPORTED PANEL EDGES.

FLASHING FLASHING SHALL BE ALUMINUM, ALUMINUM ZINC COATED STEEL, .079 INCHES THICK, 16 GAGE #250 ALUM. ZINC OR GALVANIZED STEEL, .079 INCHES THICK, 26 GAGE ZINC COATED 880. FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH THE ZIP SYSTEM ROOF SHEATHING MANUFACTURERS PUBLISHED REQUIREMENTS. ALL FLASHING AND INSTALLATION SHALL CONFORM TO SECTION R905.1.5 (1 TO 5).

Drip Edge Drip edge shall be provided at all eaves and gables of shingle roofs. LAPPED A MINIMUM OF 3" @ JOINTS. THE OUTSIDE EDGE SHALL EXTEND A MINIMUM OF 1/2" BELOW SHEATHING AND 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.

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 D2462, 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 the manufacture 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 (.0105 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 544, 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.

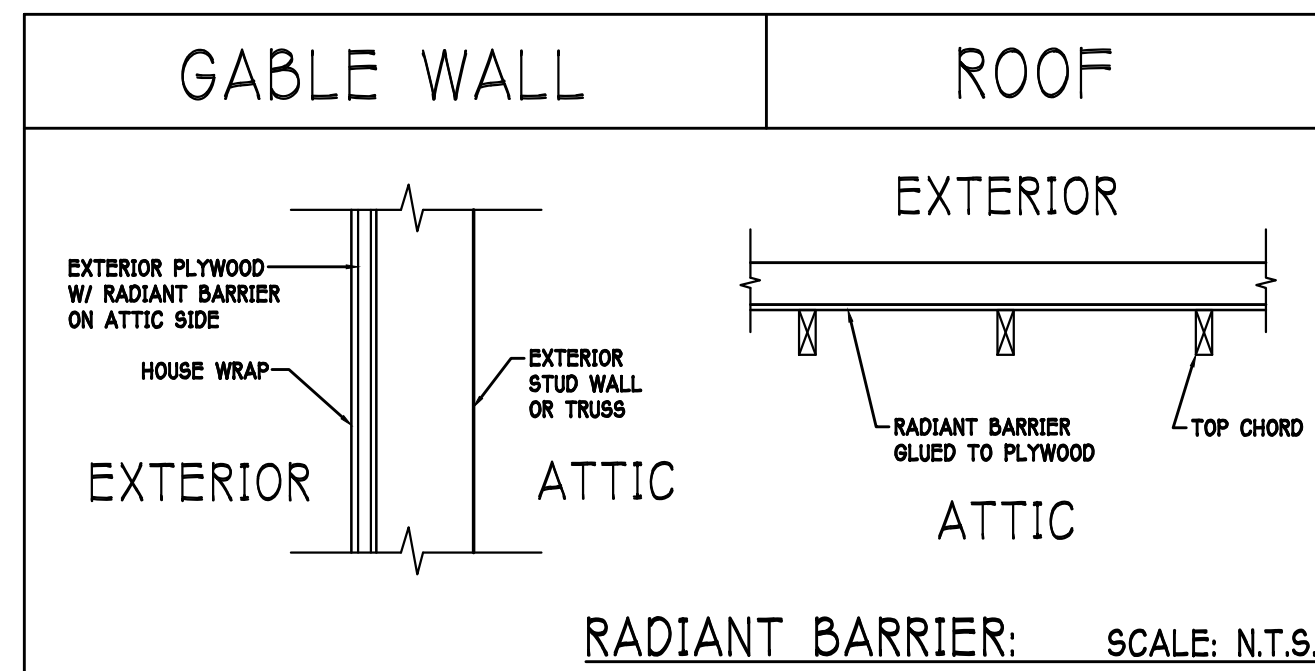
CLAY AND CONCRETE TILE ROOF SPECS

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 R905.3 F.B.C. MARKING: EACH ROOF TILE SHALL HAVE A PERMANENT MANUFACTURERS IDENTIFICATION MARK. APPLICATION SPECIFICATIONS: THE TILE MANUFACTURERS WRITTEN APPLICATION SPECIFICATIONS SHALL BE AVAILABLE AND SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:

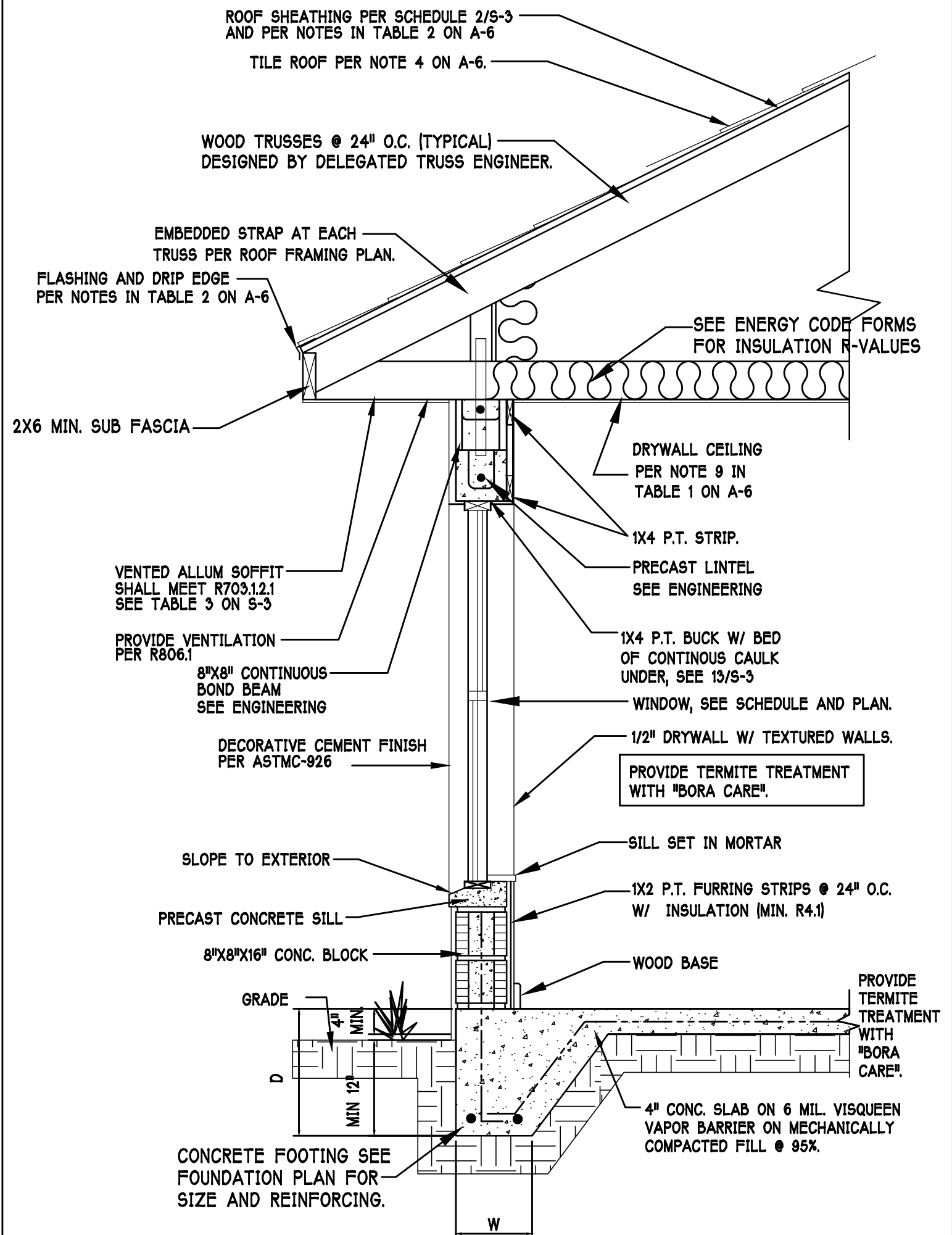
1. TILE PLACEMENT AND SPACING.
2. ATTACHMENT SYSTEM NECESSARY TO COMPLY WITH CURRENT WIND CODE.
- A. AMOUNT AND PLACEMENT OF MORTAR
- B. AMOUNT AND PLACEMENT OF ADHESIVE
- C. TYPE, NUMBER, SIZE, AND LENGTH OF FASTENERS AND CLIPS.
3. UNDERLAYMENT
4. SLOPE REQUIREMENT.

FLOOR SHEATHING AT 2ND FLOOR

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

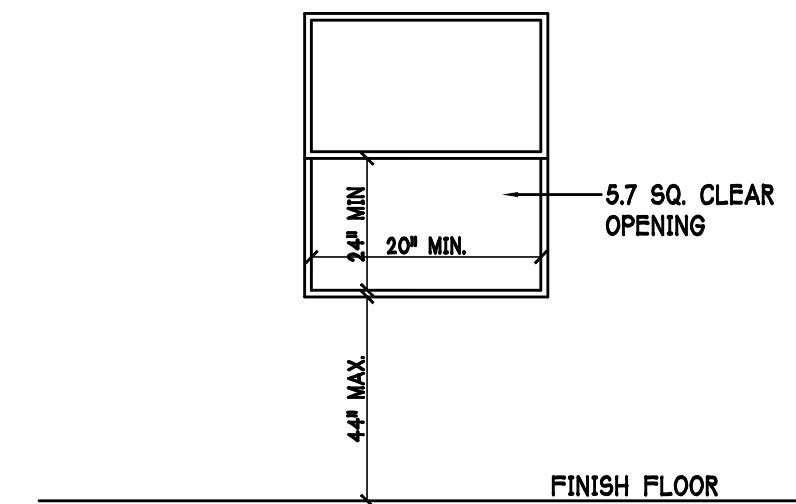


NOTE: EXTERIOR WALLS ADJACENT TO ATTIC SPACE, INCLUDING KNEEWALLS AND GABLE END WALLS, MUST HAVE RADIANT BARRIER AND HOUSE WRAP.



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).

R310.11 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.

MINIMUM EGRESS WINDOW DETAIL

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

D.R. HOHON
America's Builder

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

MODEL: UNIT 2431
SUBDIV: SEASONS BONITA 50s
ADDRESS: 16574 CRESCENT BEACH WAY
G.C.D.#: 11158 D.R.H.#: 57920279
RESIDENCE FOR: SPEC

DATE: 09-10-19

DRAWN BY: JSL

CHECKED BY: JWC

REVISED: 03-02-20

PLAN: SECTION

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

SHEET#

A-6

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

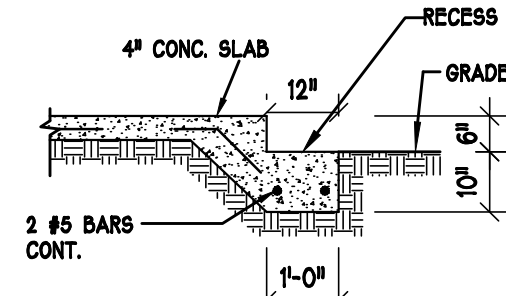
PLAN NOTES:

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

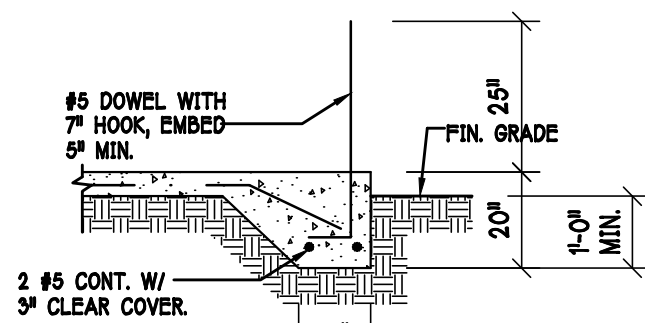
PAD FOOTING SCHEDULE							
ITEM NO.	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINF.		REMARKS
					LONG WAY	SHORT WAY	
1	(A)	2'-6"	2'-6"	1'-0"	3-#5	3-#5	-
2	(B)	3'-0"	3'-0"	1'-0"	4-#5	4-#5	-
3	(C)	3'-6"	3'-6"	1'-0"	4-#5	4-#5	-
4	(D)	4'-0"	4'-0"	1'-2"	5-#5	5-#5	-
5	(E)	5'-0"	5'-0"	1'-2"	6-#5	6-#5	-

WALL FOOTING SCHEDULE						
NO.	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	
	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.	8"	8"	1-#5	
	TE	CONT.	0'-8"	0'-8"	1-#5	

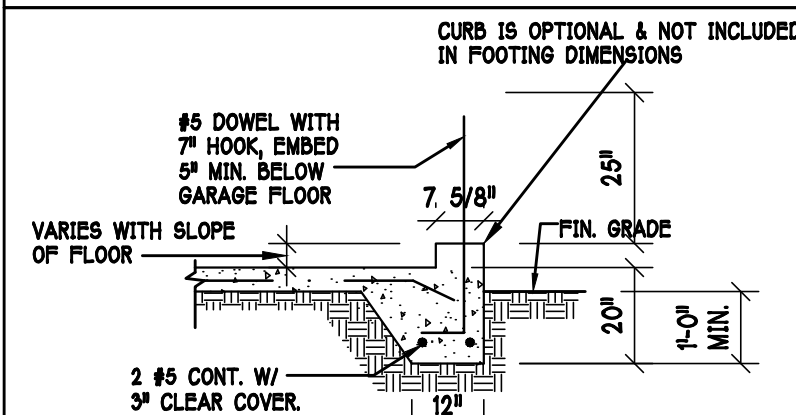
ADD CURB TO
GARAGE, SEE
DETAIL



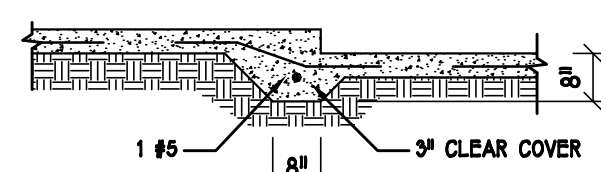
GARAGE DOOR RECESS
SCALE: 1/2" = 1'-0"



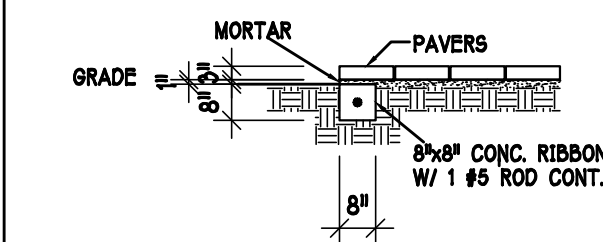
'F3' FOOTING



'F3' WITH CURB AT GARAGE

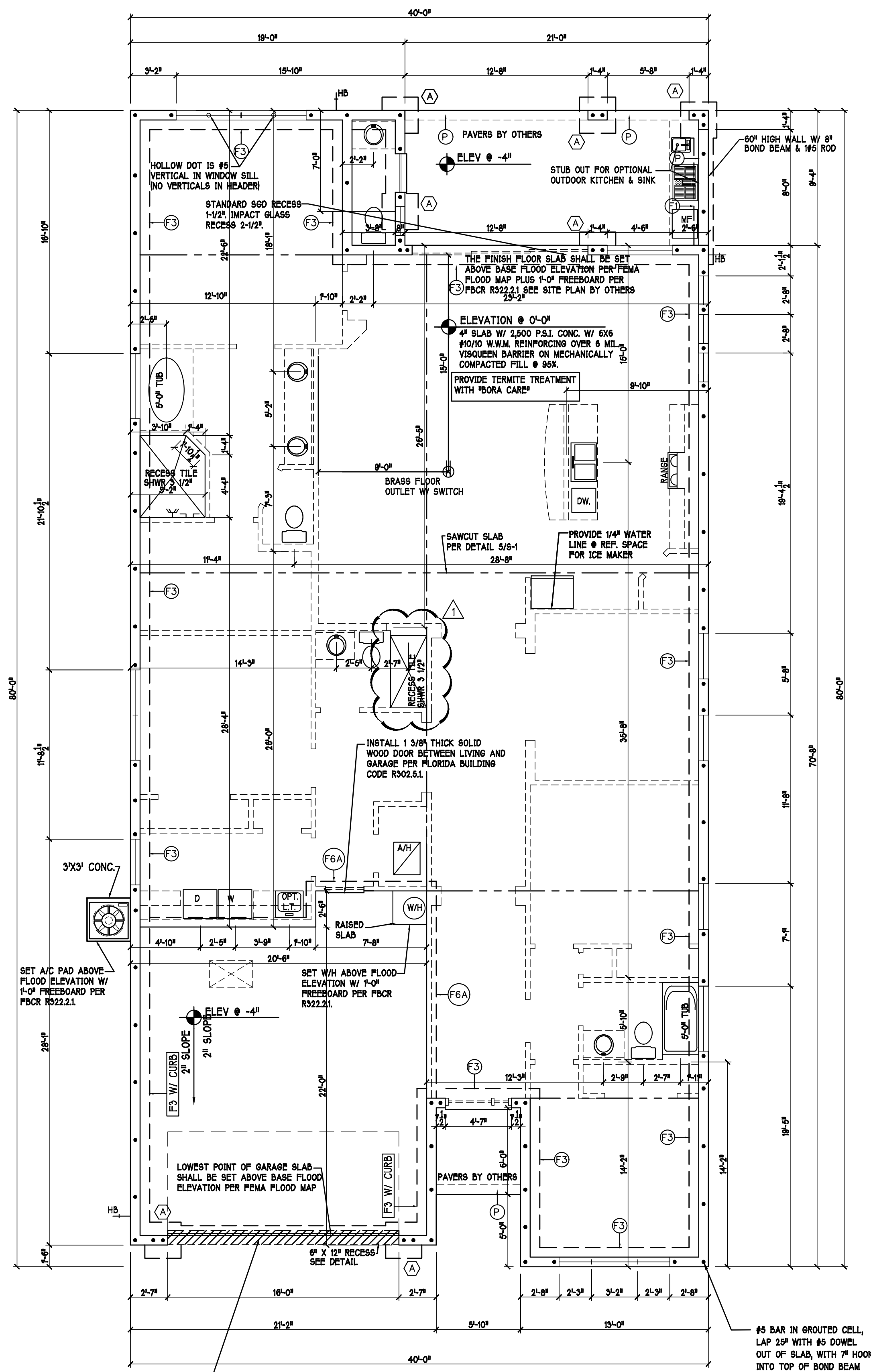


'F6A' STEP DOWN



'P' PAVERS DETAIL ENTRY/LANAI

REVISIONS		
MARK	DATE	DESCRIPTION
△	02-16-16	ADDED SHOWER TO BATH #3 IN LIEU OF TUB



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

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

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NAYSE
America's Builder

**Gulf Coast Drafting
& Design**
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designations and all work performed by the Structural Engineering Division of the SPSI is subject to the Federal Safety Program by the SPSI. No work shall be performed by the SPSI in any other disciplines such as architectural, mechanical, plumbing, electrical, fire, life safety, assembly, energy, site work, civil, or geotechnical.

MODEL:	LOT: 20	BLOCK :
UNIT 2431	SUBDIV: SEASON'S BONITA 50s	
RESIDENCE FOR:	ADDRESS: 16574 CRESCENT BEACH WAY	
SPEC	GCD # : 11158	DR H # : 57920279

DATE:	09-10-19
DRAWN BY:	JSL
CHECKED BY:	JWC
REVISED:	03-02-20
PLAN:	FOUNDATION
SCALE:	3/16" = 1'-0"
SHEET#	

S-1 F

TRUSS STRAPPING TO MASONRY			
	MAX TRUSS UPLIFT ● 24" OC (LBS)	CONNECTOR	FASTENER
R S	1615	(1)HTA16-18	10-10dX1 1/2", EMBED 4"
	1870	(1)HTA20	10-10dX1 1/2", EMBED 4"
	2430 (1 PLY)	(2)HTA16-18	10-10dX1 1/2", EMBED 4"
	2800 (2 PLY)	(2)HTA16-18	10-10dX1 1/2", EMBED 4"
	3170 (2 PLY)	(2)HTA20	10-10dX1 1/2", EMBED 4"
	5005	HTT45	5/8"Ø ATR, EPOXY 12"

- 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 C/L OF WALL.
- 2) CONNECTORS ARE USP STRUCTURAL CONNECTORS. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH USP PRINTED INSTRUCTIONS. SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE ENGINEER OF RECORD.
- 3) WHERE EMBEDDED STRAPS ARE MISSING, OR MIS-LOCATED, INSTALL RETROFIT STRAP PER DETAIL 2/S-4.
- 4) "ATR" = ALLTHREAD. DRILL AND EPOXY WITH USP EPOXY PER MFR. INSTRUCTIONS.

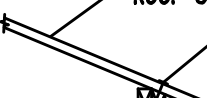


Diagram illustrating Beveled Blocking. The diagram shows a cross-section of a roof truss system. A horizontal line represents the ROOF TRUSS. A diagonal line represents the ROOF SHEATHING. A vertical line represents the BEVEL CUT TOP, BLOCKING. The blocking is shown on either side of the truss. The diagram is labeled with the following components:

- ROOF SHEATHING
- 8d RING SHANK
- 6" O.C.
- 16d NAILS
- 8" O.C.
- 2" x 1" BLOCKING W/ BEVEL CUT TOP, BLOCKING CAN BE ON EITHER SIDE OF TRUSS

BEVELED BLOCKING

- 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 9-3.
- 3) PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS SHEET.
- 4) FOR NAILING OF ROOF DECK, SEE 1 AND 2 ON S-3.
- 5) **[8F1B]** etc., DENOTES PRECAST LINTEL ABOVE DOOR/WINDOW OPENING PER SCHEDULE THIS SHEET.
- 6) AT ROOF BEARING, PROVIDE 8x8 MASONRY BOND BEAM W/ 1 #6 CONTINUOUS, SEE DETAIL 2/A-6.

818-00 PRECAST LINTEL SCHEDULE

AT SWING DOORS, USE 2" RECESS STYLE
LINTEL IF NEEDED FOR ROUGH OPENING.
LINTELS BEAR 4" MIN. EACH END

TRUSS BEARING CONDITIONS AND
STRAPPING IS BASED
ON TRUSS LAYOUT PREPARED BY SCOSTA,
JOB #: 44228F DATED: 09/25/18. REVISED: 04/18/19

 = BEARING @ 9'-4" A.F.F.

 = BEARING @ 13'-11"

ROOF PLAN: "F" SCALE: 3/16" = 1'-0"

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STRUCTURAL ENGINEERING

**STRUCTURAL
SYSTEMS**
OF NORTH FLORIDA

1634 S.E. 47th ST SUITE #3
CAPE CURL, FL 33904
(239) 549-4554

LOT: 20	BLOCK :	MODEL:
SUBDIV: SEASONS BONITA 50s		UNIT 2431
ADDRESS: 16574 CRESCENT BEACH WAY		
CCD# : 111158	DRP# : 570070070	RESIDENCE FOR:

DATE:	09-10-19
DRAWN BY:	JSL
CHECKED BY:	JWC
REVISED:	
	03-02-20
PLAN:	ROOF
SCALE:	3/16"=1'-0"
SHEET#	

S2-F



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

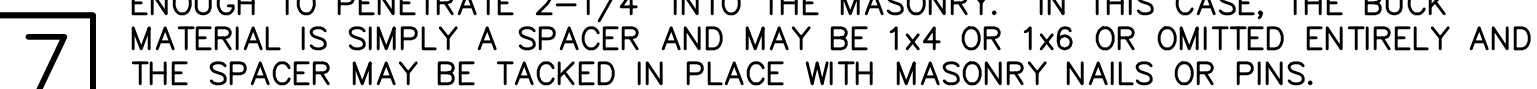
- 1) TABLE MAY BE USED FOR ANY SIZE WINDOW OR DOOR IN EACH TYPE.
- 2) USE "INTERIOR ZONE 4" PRESSURES UNLESS WINDOW OR DOOR IS LOCATED WITHIN THE "END ZONE 5" (SEE DIAGRAM BELOW), THEN USE THE HIGHER PRESSURES UNDER THE "END ZONE 5" COLUMN.
- 3) ALL GLASS / GLAZING SHALL BE IMPACT RATED OR USE IMPACT 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 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 BY THE AUTHORITY HAVING JURISDICTION.

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

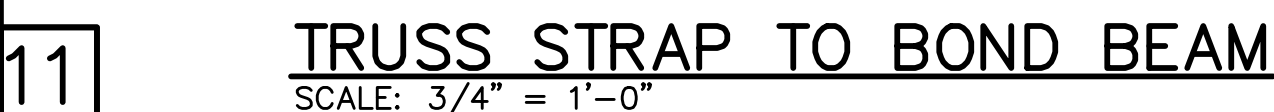
END ZONE 5 PRESSURE AT "PRIMARY" OUTSIDE OF BUILDING (BOLD LINE)

INTERIOR ZONE 4 PRESSURES



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 USP. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH USP PRINTED INSTRUCTIONS.
- 3) CONCRETE SCREW SHALL BE WEDGE-BOLT+, TITEN, TAPCON OR EQUIVALENT.



9. SHOP DRAWINGS: SHOP DRAWINGS SHALL BE PREPARED AND SUBMITTED TO THE ENGINEER FOR REVIEW FOR ALL STRUCTURAL ELEMENTS UTILIZING PREFABRICATED COMPONENTS. ONE SET OF SIGNED & SEALED TRUSS ENGINEERING SHALL BE DELIVERED TO THE ENGINEER OF RECORD FOR THE STRUCTURE PER FLORIDA ADMINISTRATIVE CODE 61G15-30.005 AND 61G15-31.003.

[illegible]

STRUCTURAL ENGINEERING:
STRUCTURAL
SYSTEMS
OF NORTH FLORIDA
1634 S.E. 47th STREET, SUITE #3
CAPE CORAL, FL 33904
(239) 549-4554
CA# 8829

DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 6th EDITION (2017) RESIDENTIAL

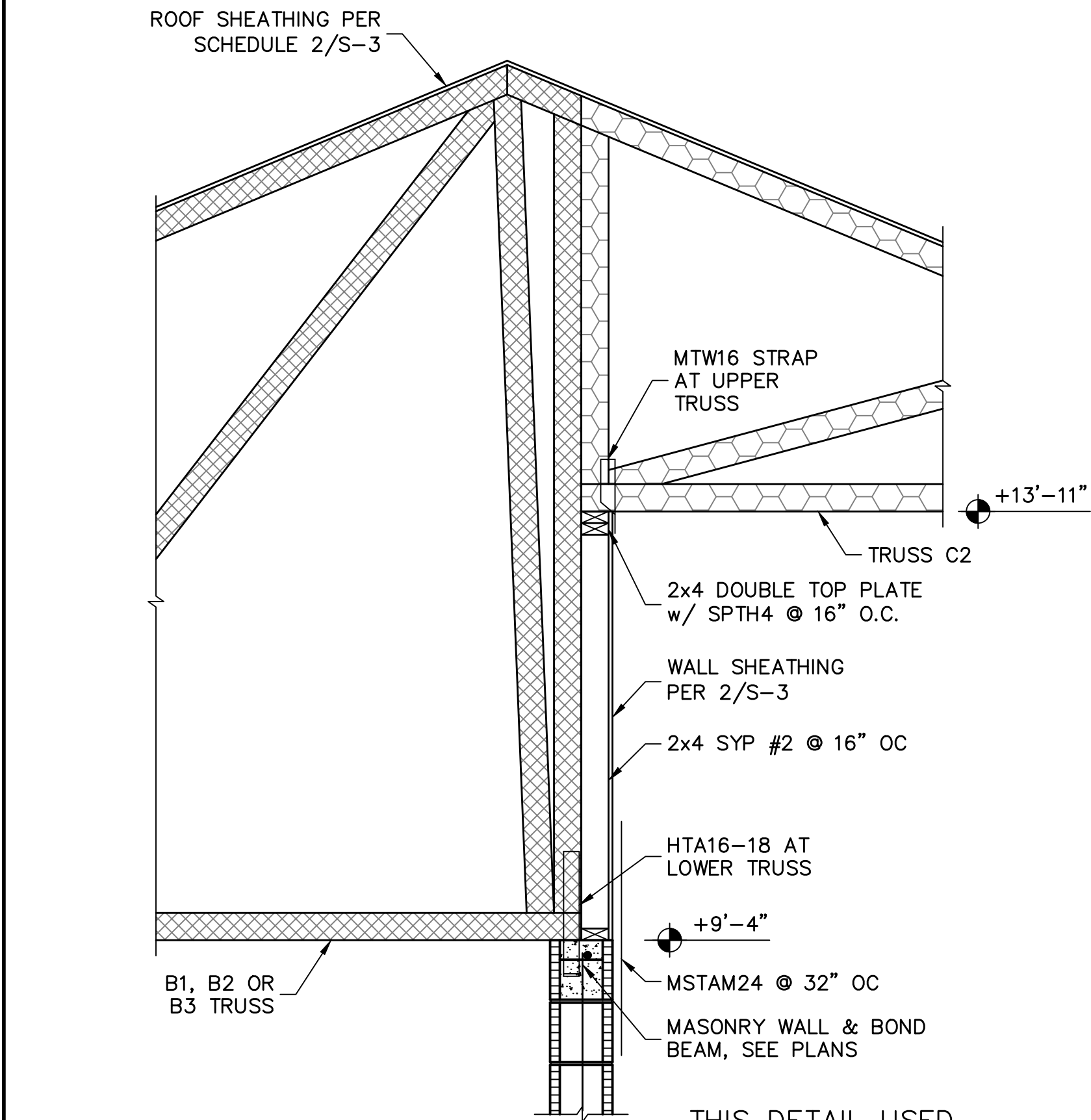
BUILDER:

STRUCTURAL DETAILS FOR
MODEL 2431 F
16574 CRESCENT BEACH WAY
BONITA SPRINGS, FLORIDA
LOT: 20 SUBDIVISION: SEASONS BONITA

DESIGN/DRAWN DWB/DWB
CHECKED DWB
DATE 09/10/19
SCALE AS NOTED
JOB NO. DR11158
SHEET

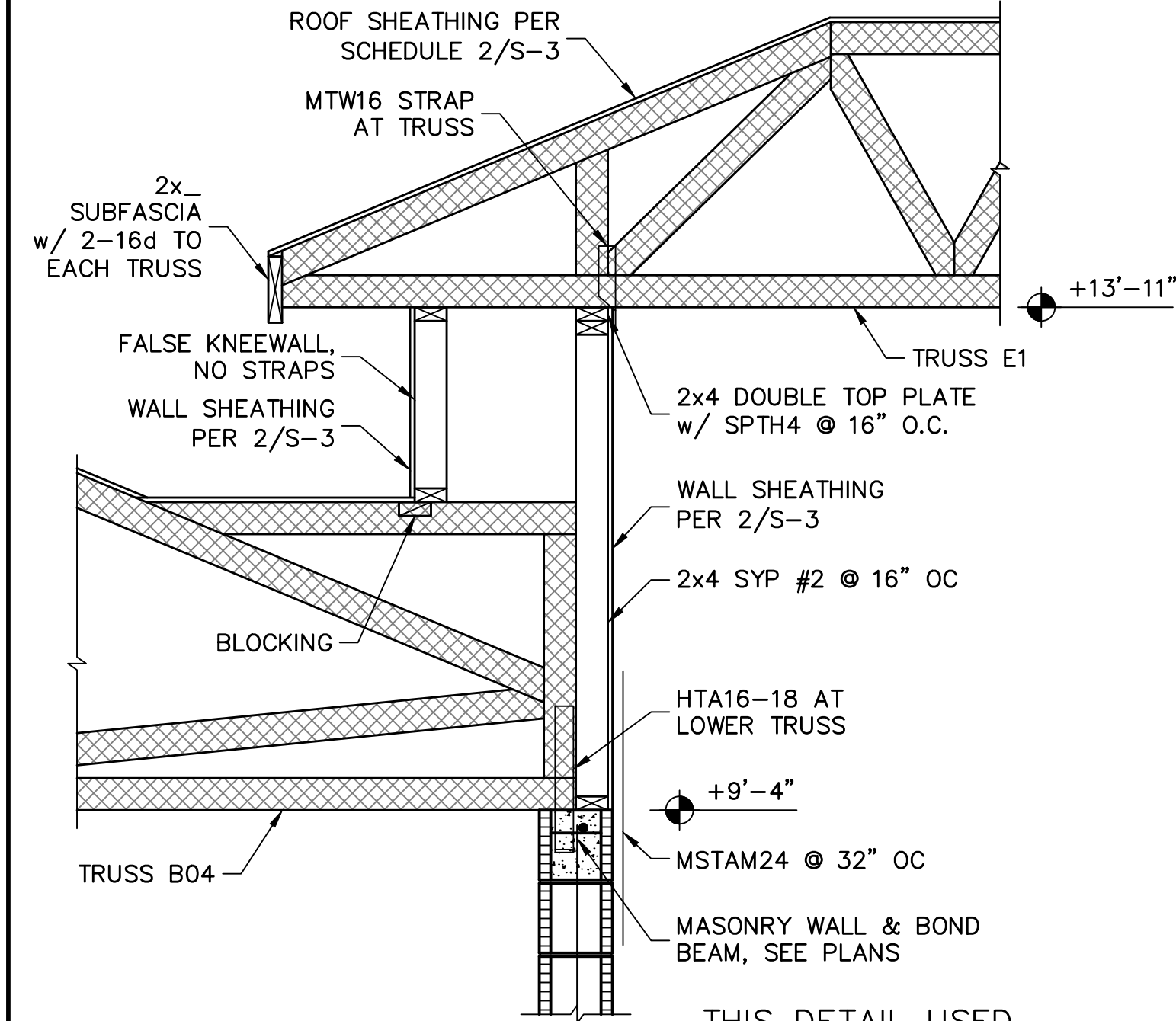
S-3

SHEET 3 OF 4



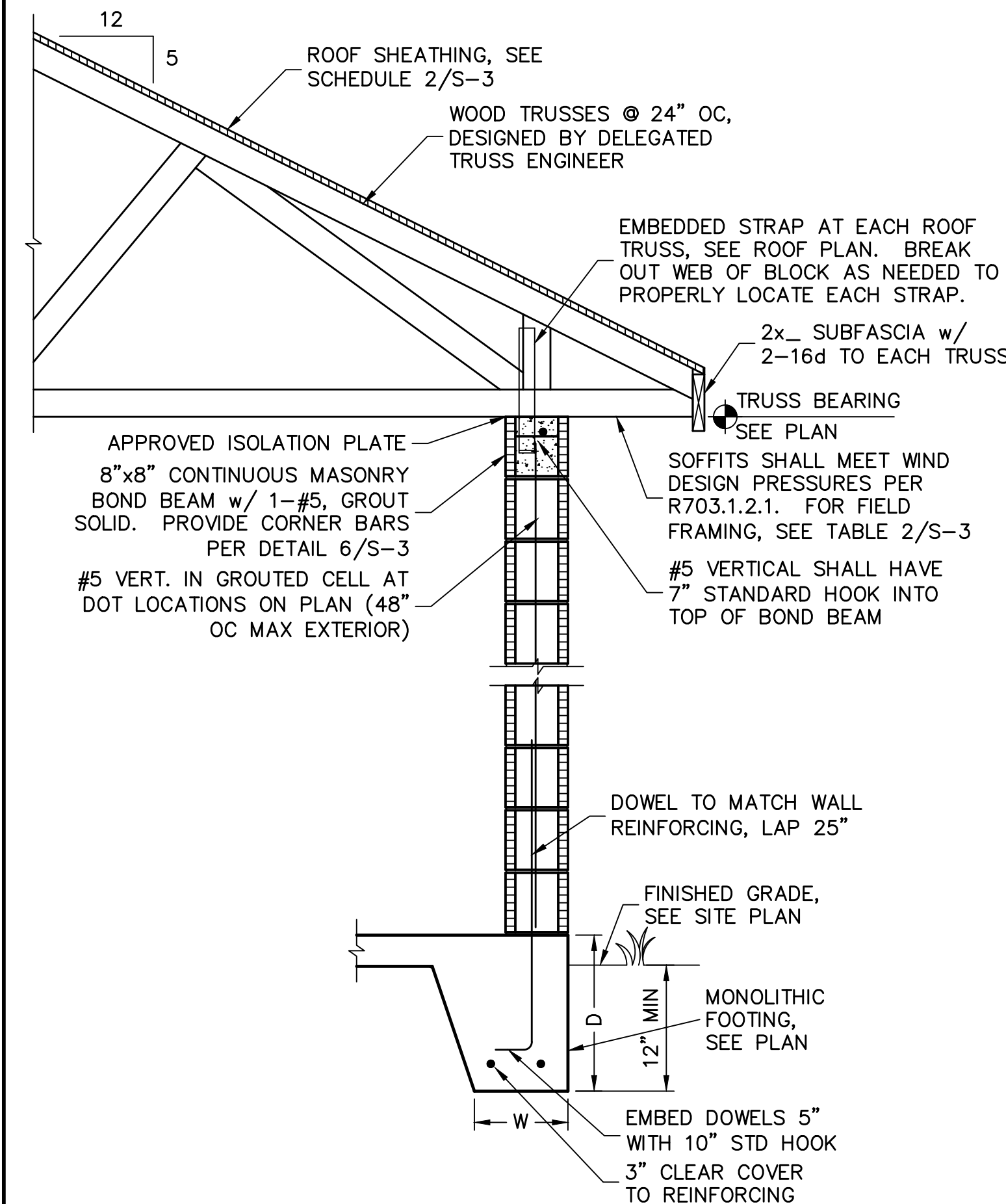
1 **KNEEWALL @ ENTRY**
SCALE: 3/4" = 1'-0"

THIS DETAIL USED
ON ELEVATION E

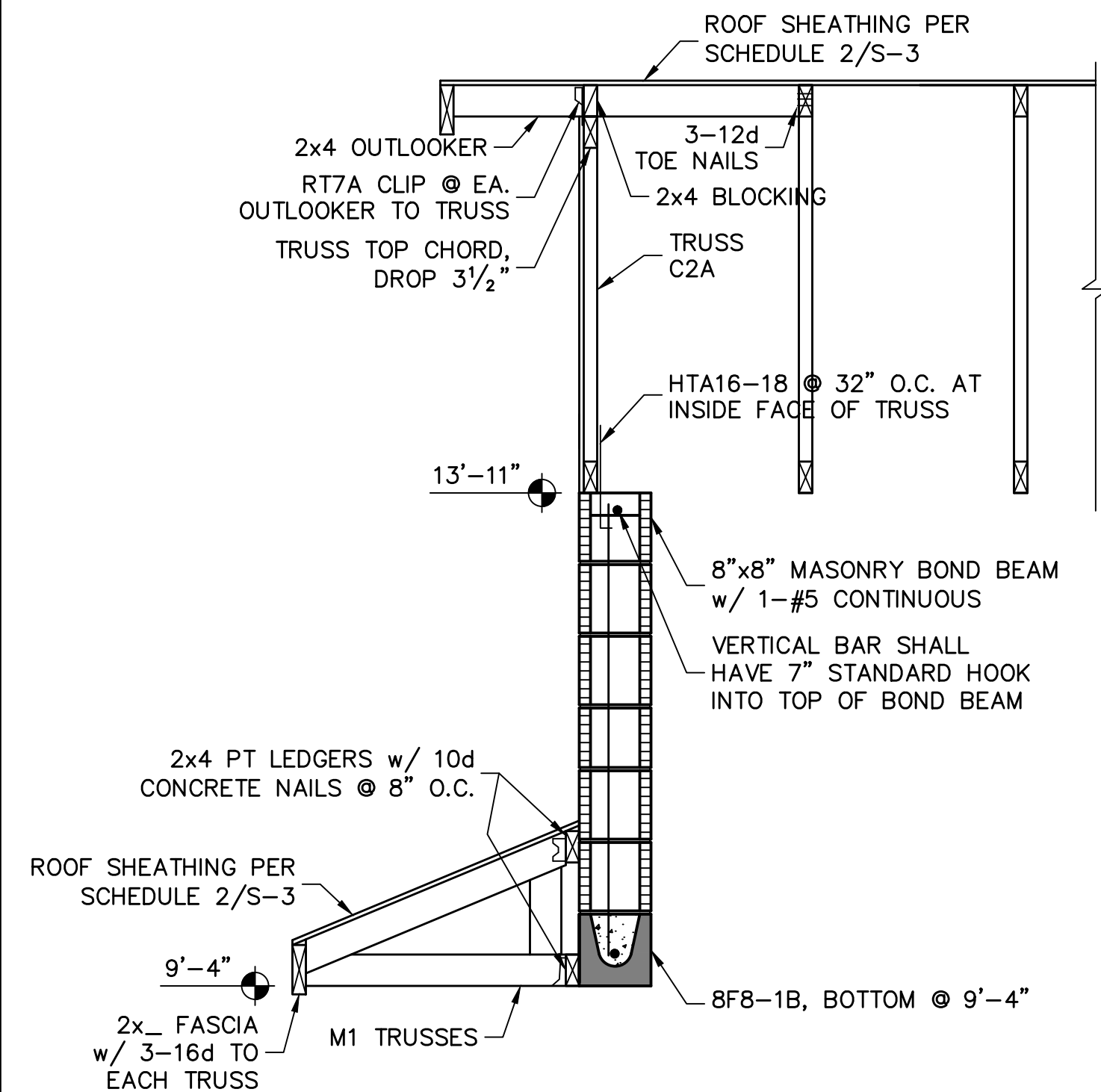


3 **KNEEWALL @ ENTRY**
SCALE: 3/4" = 1'-0"

THIS DETAIL USED
ON ELEVATION F



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



THIS DETAIL USED
ON ELEVATION E

4 **GARAGE OUTLOOKER AND SHED ROOF DETAIL**
SCALE: 3/4" = 1'-0"

At Exterior Stud Walls and Gable Ends with Wall Sheathing, apply plaster over metal lath over water resistive barrier as follows:
Plaster R703.6.2: 3-coat 7/8" thick portland cement based plaster per ASTM C926.
Metal Lath R703.6.1: Self furring paper backed 2.5lb diamond mesh metal lath per ASTM C847, G60 galvanized, fastened per ASTM C1063 with 1-1/2' long, 11 gage nails with 7/16" head (roofing nails) at 7" oc, or 1-1/2" long, 16 gage staples at 6" oc, into the framing members (ie, the nails or staples must align with and penetrate 3/4" into the framing studs).
Water Resistive Barrier (WRB) R703.6.3: Water-resistive vapor-permeable barrier with a performance at least equivalent to 2 layers of Grade D paper. The individual layers shall be installed independently. An approved house wrap may be used for the 1st layer and metal lath with approved paper backing may be the 2nd layer (Note: ZIP wall sheathing with seam tape qualifies as the first layer).

REVISIONS	BY

STRUCTURAL ENGINEERING:
STRUCTURAL SYSTEMS OF NORTH FLORIDA
1634 S.E. 47th STREET, SUITE #3
CAPE CORAL, FL 33904
(239) 549-4554
CA # 8629

DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 8th EDITION (2017) RESIDENTIAL

BUILDER:

D. RHORTON
America's Builder

**STRUCTURAL DETAILS FOR
MODEL 2431 F**
16574 CRESCENT BEACH WAY
BONITA SPRINGS, FLORIDA
LOT: 20 SUBDIVISION: SEASONS BONITA

DESIGN/DRAWN DWB/DWB
CHECKED DWB
DATE 09/10/19
SCALE AS NOTED
JOB NO. DR11158
SHEET

S-4

SHEET 4 OF 4

FOR SCOSTA TRUSS, 160 MPH EXPOSURE C, F ELEVATION, JOB # 44228F, DATED: 09/25/18, REVISED: 04/18/19