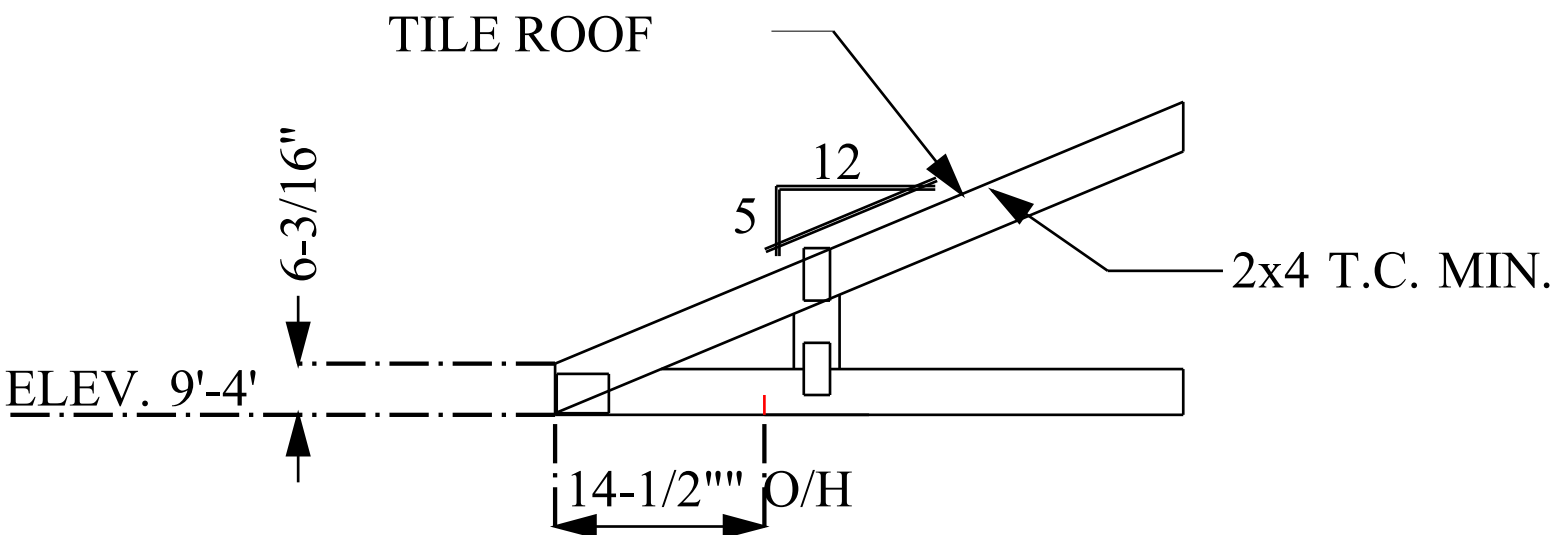
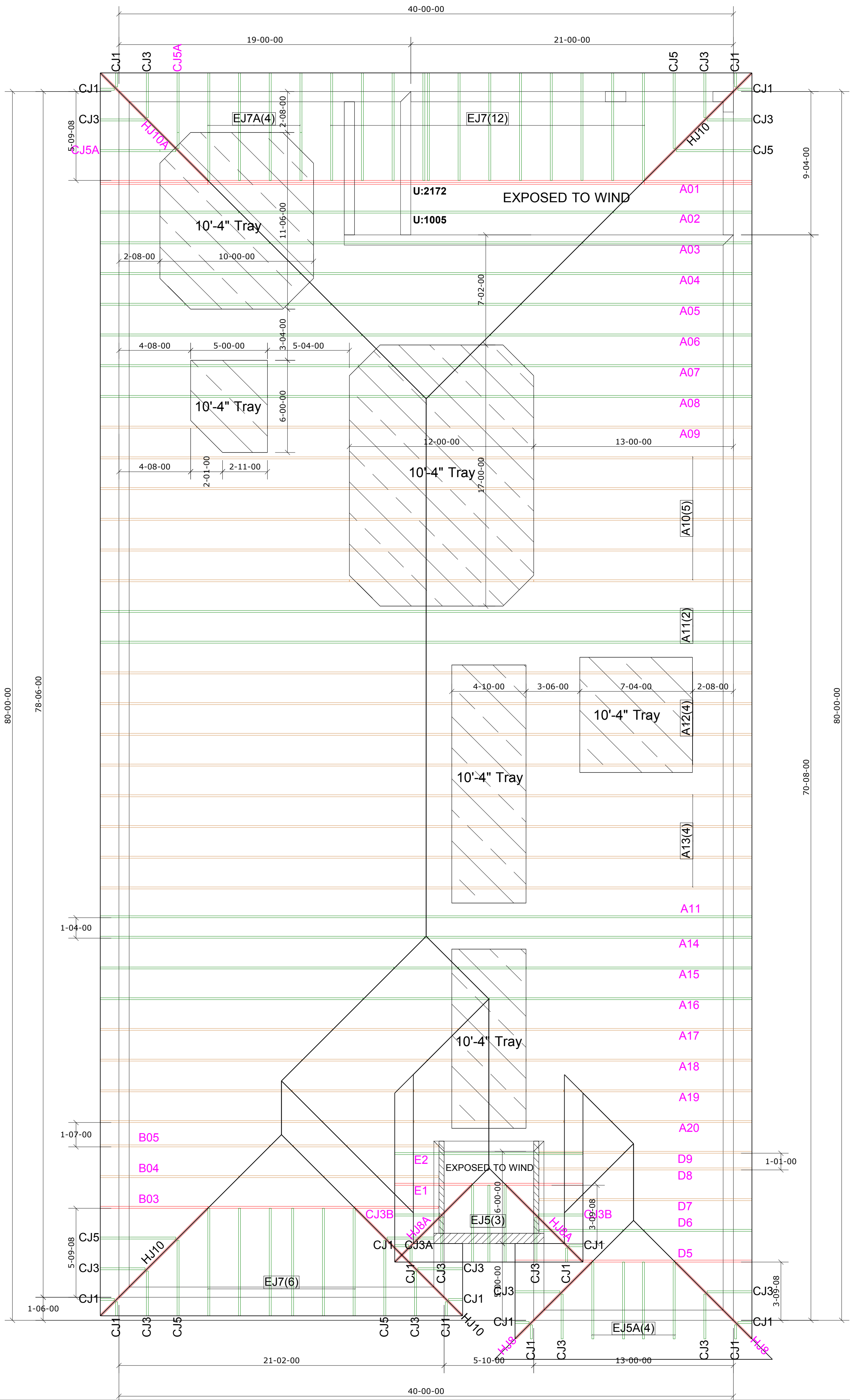




VERIFY ALL DIMENSIONS AND CEILING CONDITIONS PRIOR TO APPROVAL
SOME CEILING FRAMING REQUIRED IN FIELD BY BUILDER

MAIN WIND FORCE RESISTING SYSTEM-G-C HYBRID WIND ASCE7-10
ENCLOSED
EXPOSURE CATEGORY B
OCCUPANCY CATEGORY II
WIND LOAD 170 MPH
WIND IMPORTANCE FACTOR 1.00
TRUSSES HAVE BEEN DESIGNED FOR A 10.0 PSF BOTTOM CHORD LIVE LOAD
NONCONCURRENT WITH ANY OTHER LIVE LOADS

ROOF LOADING		FLOOR LOADING	
TCCL:	20 PSF	TCCL:	40 PSF
TCDL:	20 PSF	TCDL:	10 PSF
BCDL:	10 PSF	BCDL:	5 PSF
TOTAL:	50 PSF	TOTAL:	55 PSF
DURATION:	1.25	DURATION:	1.00

IMPORTANT

This Drawing Must Be Approved And Returned Before Fabrication Will Begin. For Your Protection Check All Dimensions And Conditions Prior To Approval Of Plan.
SIGNATURE BELOW INDICATES ALL NOTES AND DIMENSIONS HAVE BEEN ACCEPTED.

By _____ Date _____

CAUTION!!!

DO NOT ATTEMPT TO ERECT TRUSSES WITHOUT REFERRING TO THE ENGINEERING DRAWINGS AND BSCI-B1 SUMMARY SHEETS.

ALL PERMANENT BRACING MUST BE IN PLACE PRIOR TO LOADING TRUSSES. (ie. SHEATHING, SHINGLES, ETC.)

ALL INTERIOR BEARING WALLS MUST BE IN PLACE PRIOR TO INSTALLING TRUSSES.

REFER TO FINAL ENGINEERING SHEETS FOR THE FOLLOWING.

- 1) NUMBER OF GIRDER PLIES AND NAILING SCHEDULE.
- 2) BEARING BLOCK REQUIREMENTS.
- 3) SCAB DETAILS (IF REQUIRED)
- 4) UPLIFT AND GRAVITY REACTIONS.

WARNING

Backcharges Will Not Be Accepted Regardless of Fault Without Prior Notification By Customer Within 48 Hours And Investigation By ProBuild.
NO EXEPTIONS.

The General Contractor Is Responsible For All Connections Other Than Truss to Truss, Gable Shear Wall, And Connections. Temporary and Permanent Bracing, And Ceiling And Roof Diaphragm Connections.

ROOF PITCH:	5/12
CEILING PITCH:	0/12
TOP CHORD SIZE:	2 X 4
BOTTOM CHORD SIZE:	2 X 4
OVERHANG LENGTH:	14 1/2"
END CUT:	Plumb
CANTILEVER:	14 1/2"
TRUSS SPACING:	24"
BUILDING CODE:	FBC2014

BEARING HEIGHT SCHEDULE

Hatch Legend

	9'-4" Bearing
	13'-11" Bearing

BUILDER:

DR. Horton

PROJECT: 2431 F LH

MODEL: 2431 F

ADDRESS: .

LOT / BLOCK: .

SUBDIVISION: .

CITY: .

DRAWN BY: D.W.

JOB # : MASTER

DATE: 08/23/16 SCALE: 1/4"=1'-0" Arch D

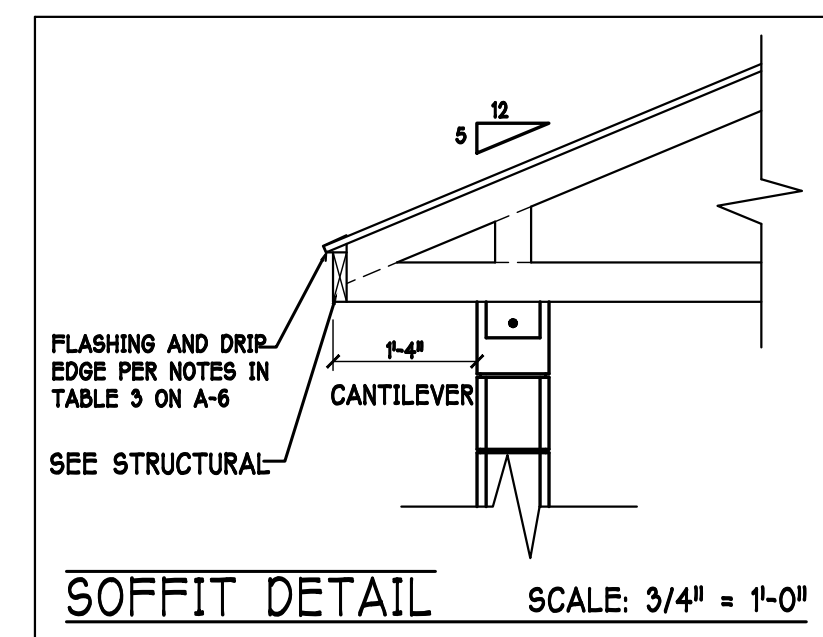
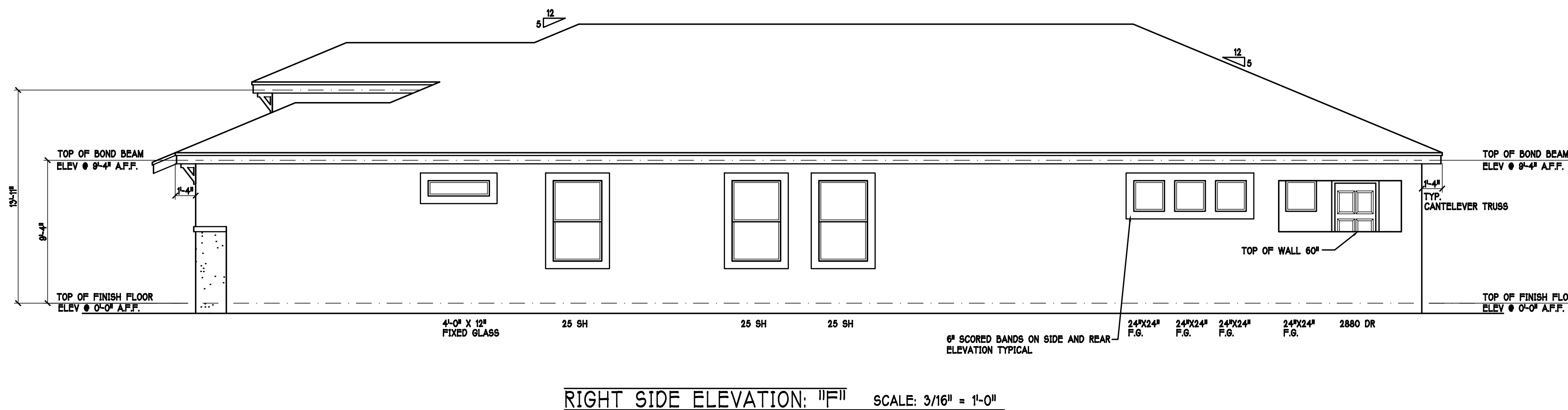
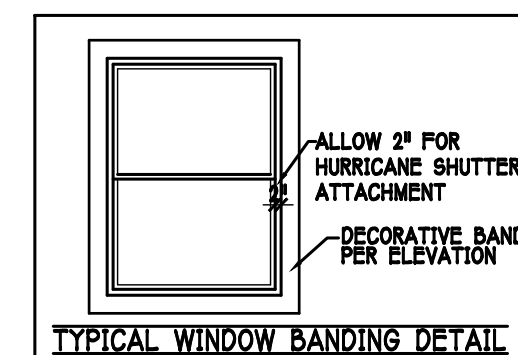
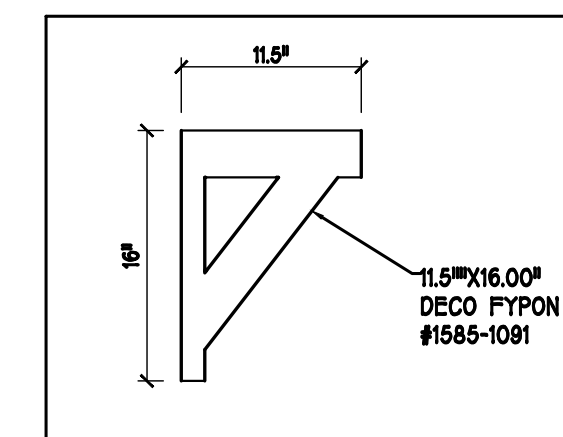
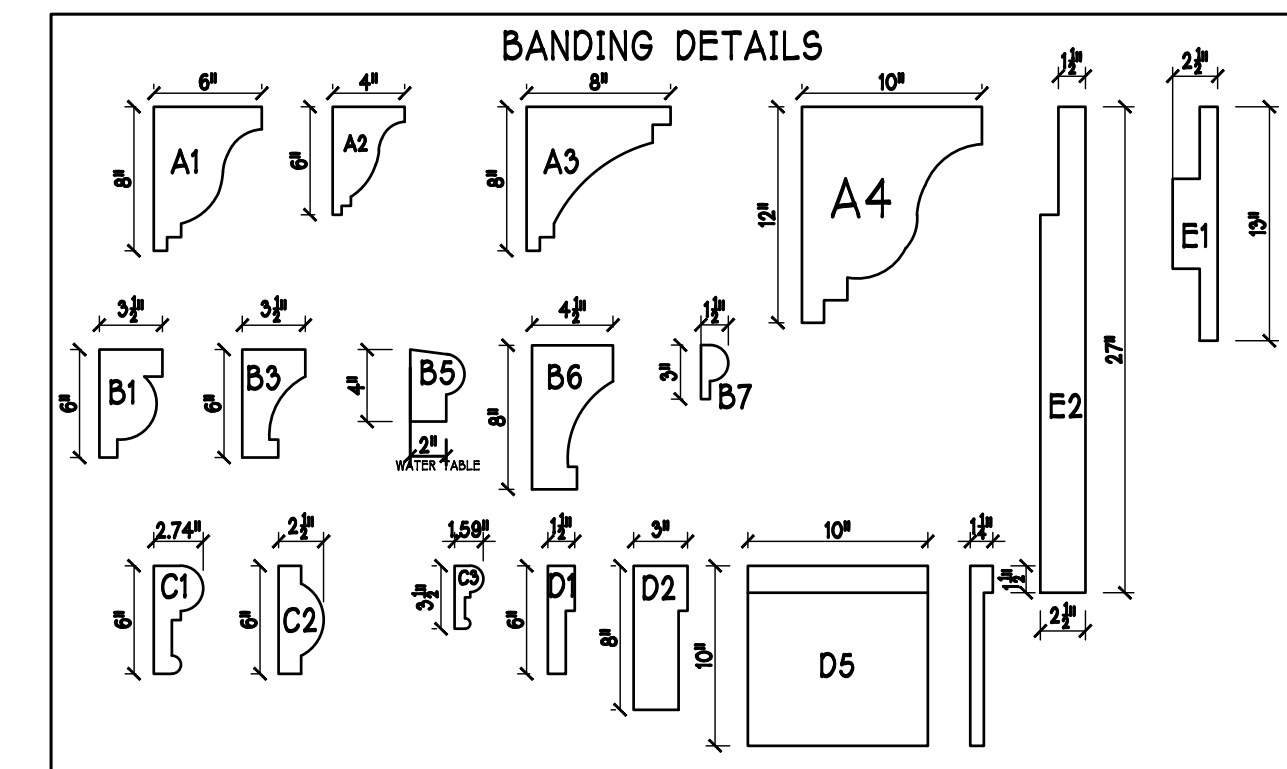
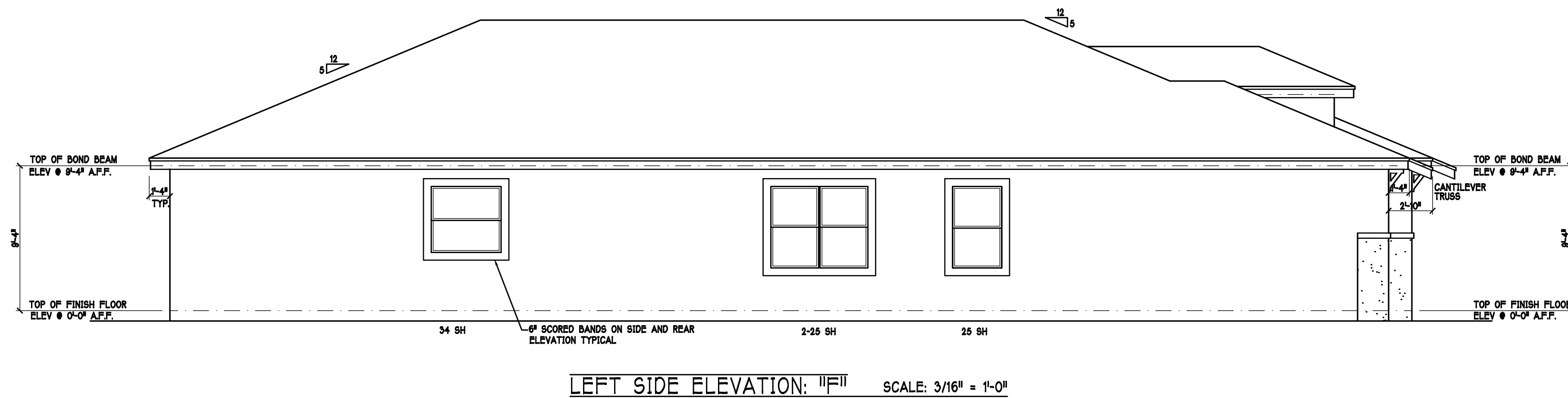
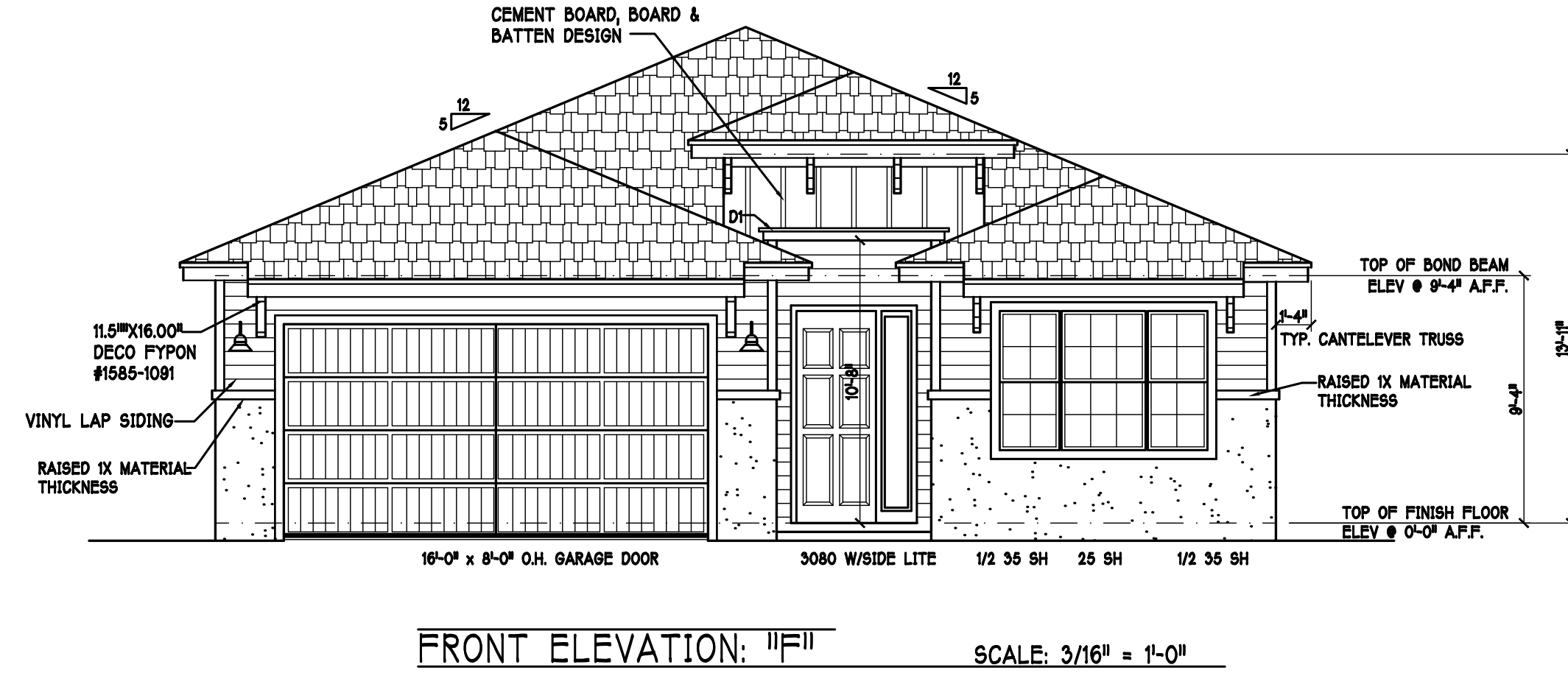
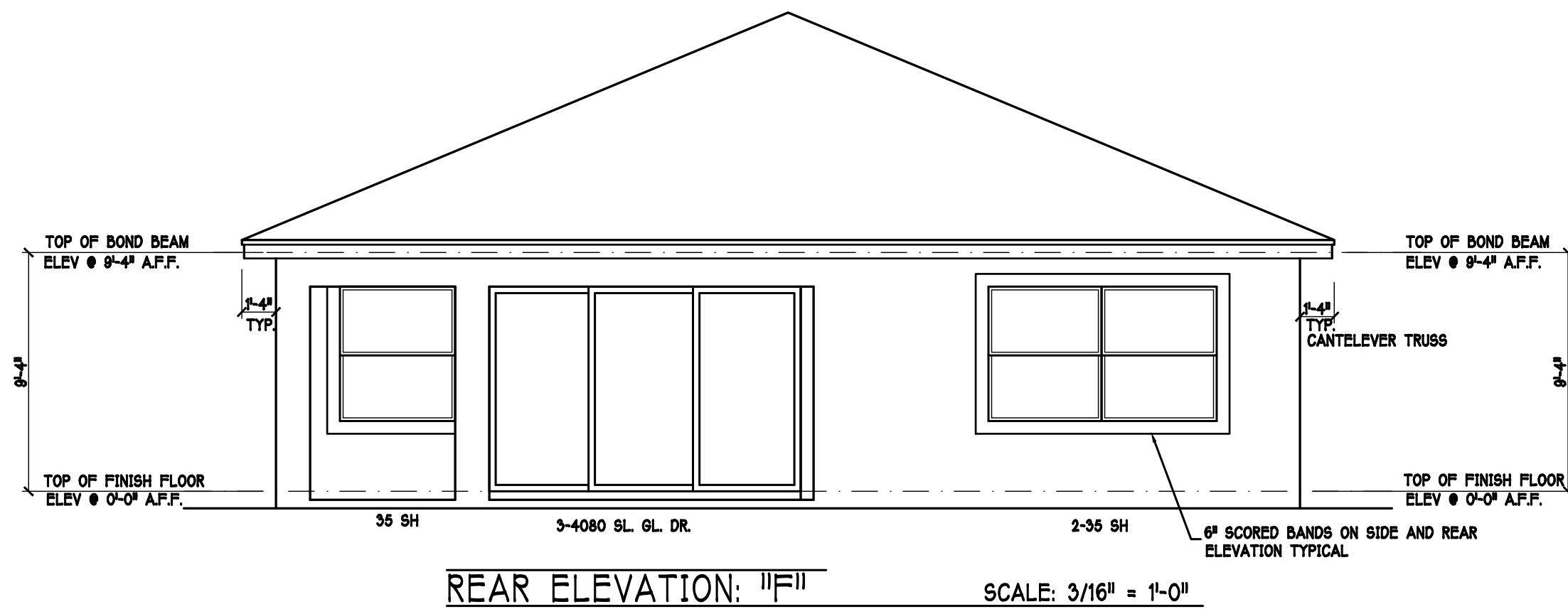
PLAN DATE: 03/14/14

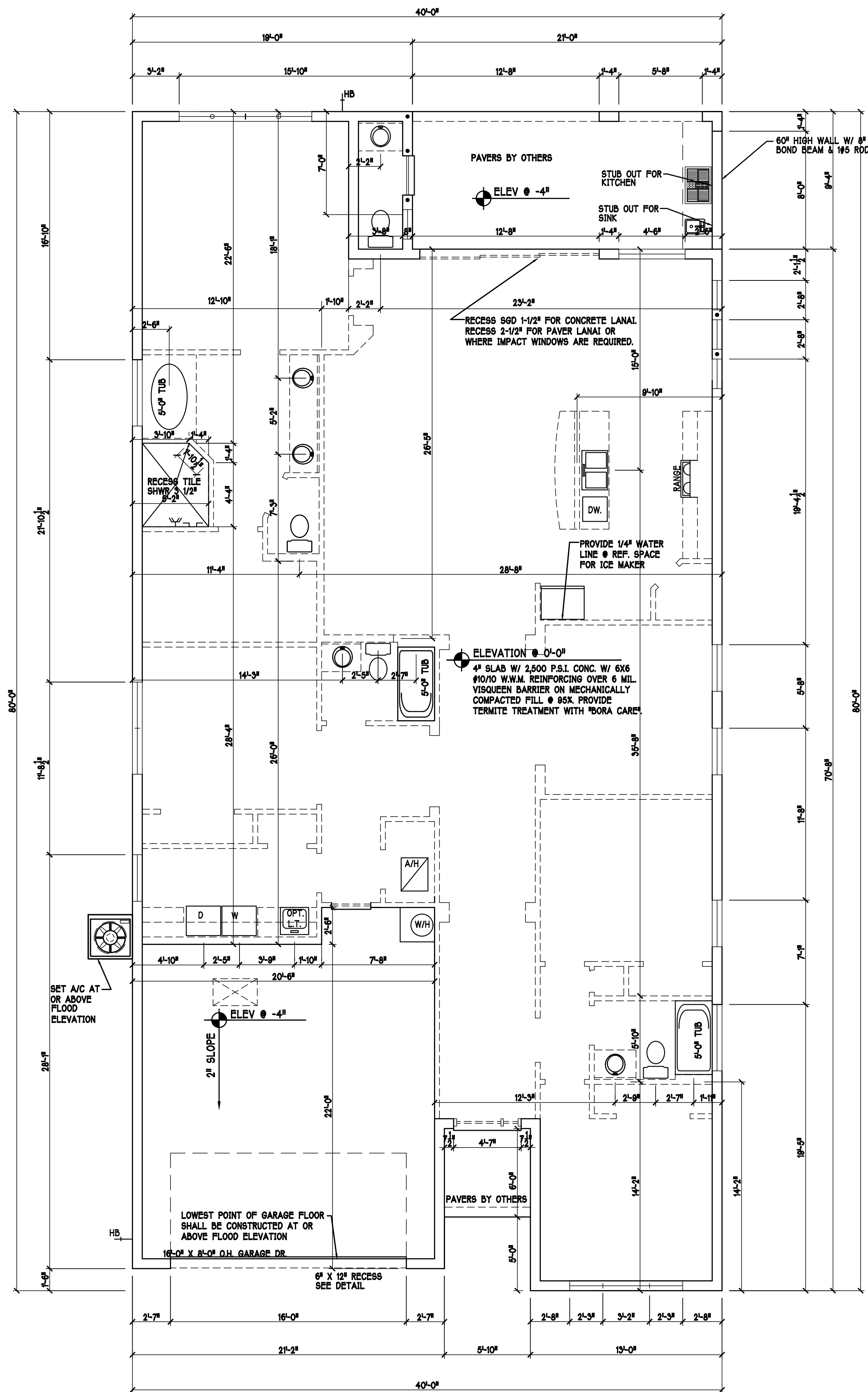
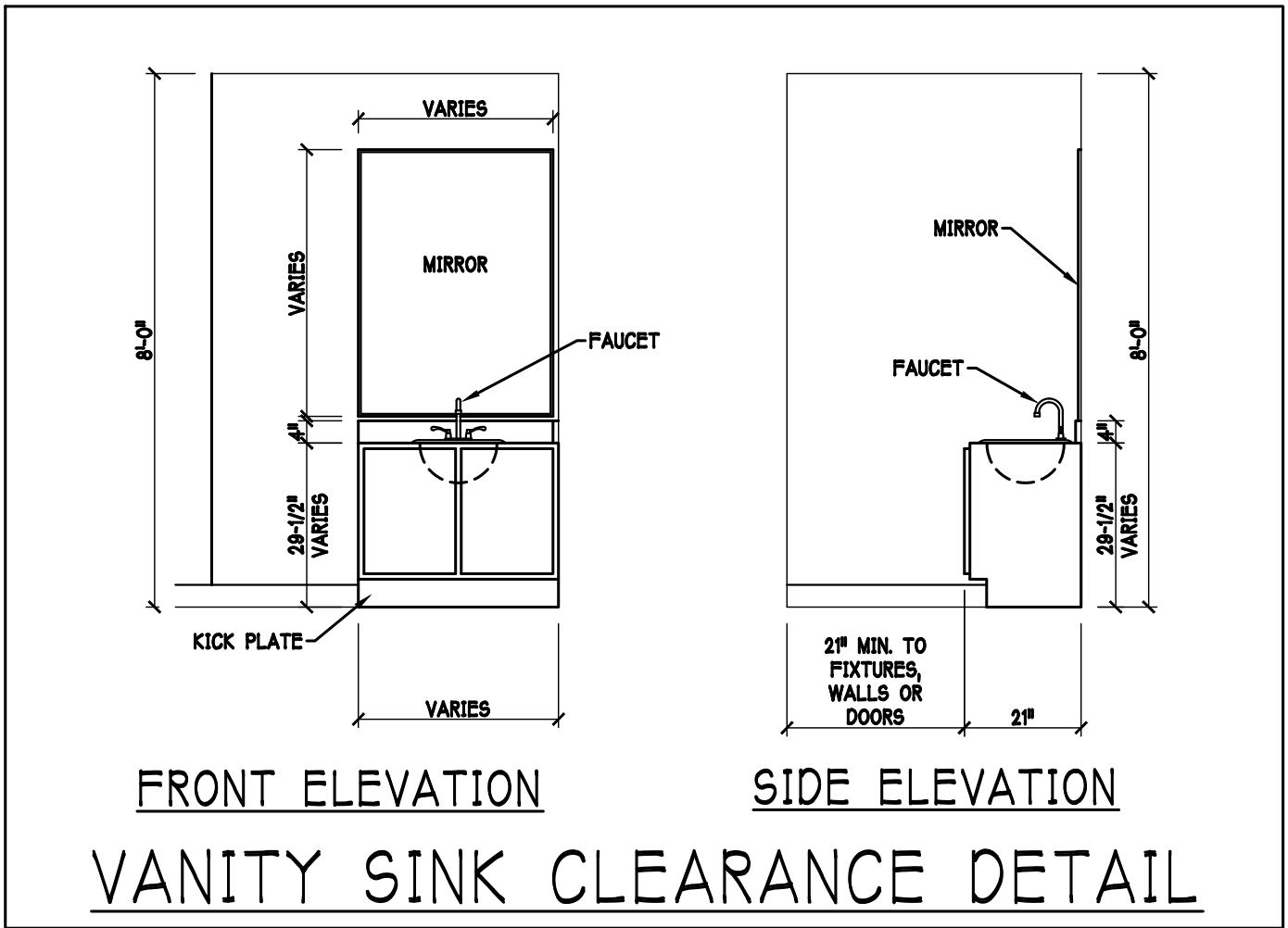
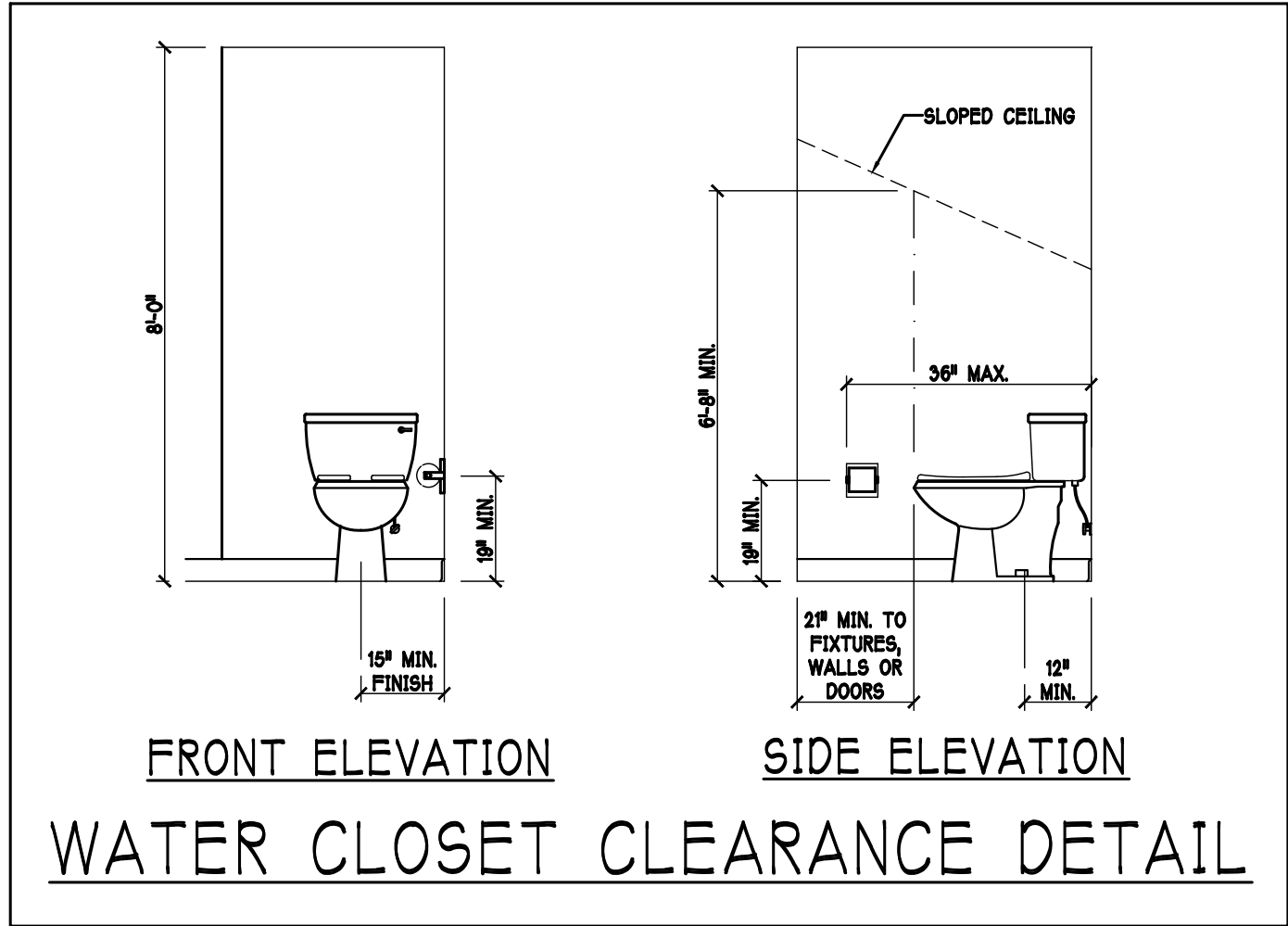
REVISIONS:

- 1.
- 2.
- 3.
- 4.



4408 Airport Road
Plant City, FL 33563
Ph. (813) 305-1300
Fax (813) 305-1301





DESIGN IN ACCORDANCE W/ THE 2014 RESIDENTIAL
FLORIDA BUILDING CODE- 5TH EDITION

Gulf Coast Drafting & Design

Phone (239) 540-1822

Fax (239) 540-7759

LOT:	BLOCK :	MODEL:	UNIT 2431
SUBDIV:	NAPLES RESERVE S/O'S	RESIDENCE FOR:	SPEC
ADDRESS:	14607 TOPSAIL DRIVE		
G.C.D.# :	9749	D.R.H.# :	578990054

DATE:

3-08-17

DRAWN BY:

JSL

CHECKED BY:

JWC

REVISED:

PLAN:

SLAB & PLUMBING

SCALE:

3/16" = 1'-0"

SHEET#

A-2F

WIND PRESSURES PER ASCE7-10, 160 MPH, EXPOSURE B, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR. V=54=124 MPH							
MARK	SIZE CODE	PRODUCT DESCRIPTION	WIDTH	HEIGHT	ZONE	WIND PRESSURE	WIND-BORNE DEBRIS PROTECTION
1	OVERHEAD	GARAGE DOOR	192	96	44.5	+25.3/-26.0	
2	OVERHEAD	GARAGE DOOR	96	96	44.5	+24.3/-27.5	
3	3080 ENTRY DR.	DISTINCTION	36	96	4	+27.7/-30.0	
4	2880	DISTINCTION	36	96	5	+27.7/-37.0	
4	2880	DISTINCTION	36	96	5	+27.7/-30.0	
4	2880	DISTINCTION	36	96	5	+27.7/-37.0	

GARAGE DOOR ASSUMES 2' IN ZONE 5.

WIND PRESSURES PER ASCE7-10, 160 MPH, EXPOSURE B, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR. V=54=124 MPH							
MARK	SIZE CODE	PRODUCT DESCRIPTION	ZONE	WIND PRESSURE	WIND-BORNE DEBRIS PROTECTION	QTY	
A	35	SH	4	+27.7/-30.0	SHUTTERS	1	
B	25	SH	4	+27.7/-30.0	SHUTTERS	4	
C	4'-0" X 12" F.G.	FIXED GLASS TEMPERED	4	+27.7/-30.0	SHUTTERS	1	
D	34	SH	4	+27.7/-30.0	SHUTTERS	1	
E	2-35	SH	4	+27.7/-30.0	SHUTTERS	1	
F	3-4080	SL. GL. DR.	4	+24.4/-26.7	SHUTTERS	1	
G	96" X 12" SIDE LITE		4	+27.7/-30.0	SHUTTERS	1	
H	2-25	SH	4	+27.7/-30.0	SHUTTERS	1	
J	2'-0" X 2'-0"	FIXED GLASS	4	+27.7/-30.0	SHUTTERS	3	
K	1/2 35	SH	4	+27.7/-30.0	SHUTTERS	2	
						17	

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

DOOR HEADERS

6'-9" BIFOLD	HEADER HEIGHT	82" A.F.F.
6'-8" SWING	HEADER HEIGHT	82 1/2" A.F.F.
8'-0" SWING	HEADER HEIGHT	98 1/2" A.F.F.

PLAN NOTES

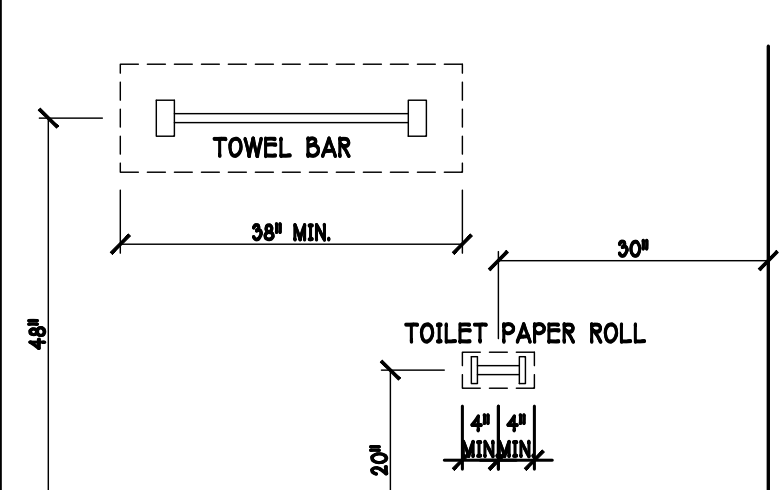
- VERIFY ALL ROUGH OPENING DIMENSIONS FOR ALL WINDOWS AND DOORS
- PROVIDE SAFETY GLAZING WITHIN 24" FROM EXIT PER FLORIDA BUILDING CODE R 308.3.1
- PROVIDE SAFETY GLAZING AT BATH / SHOWER . PER FLORIDA BUILDING CODE R 308.3.1
- NON BEARING INTERIOR FRAME WALLS SHALL BE FRAMED W/ WOOD OR METAL STUDS. 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, DOOR SHALL BE SELF CLOSING PER R302.5.1
- ALL WINDOWS INSTALL 73" 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.F.F. WITH 15" INCREMENT.

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

BATHROOM NOTES

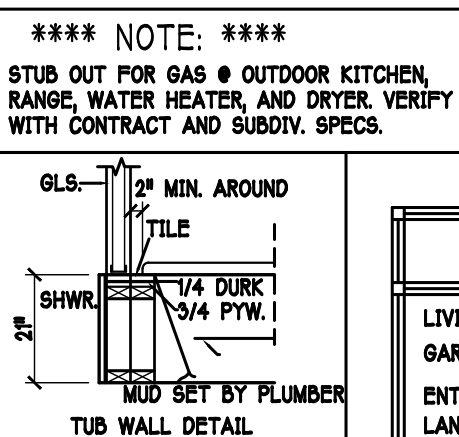
- 73" TOWEL BAR
15" TOWEL PAPER
TOILET PAPER
- ALL TUB DECKS @ 21" A.F.F.
ALL BLOCKING TO BE PT IN SHOWERS



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-R308.3.1)

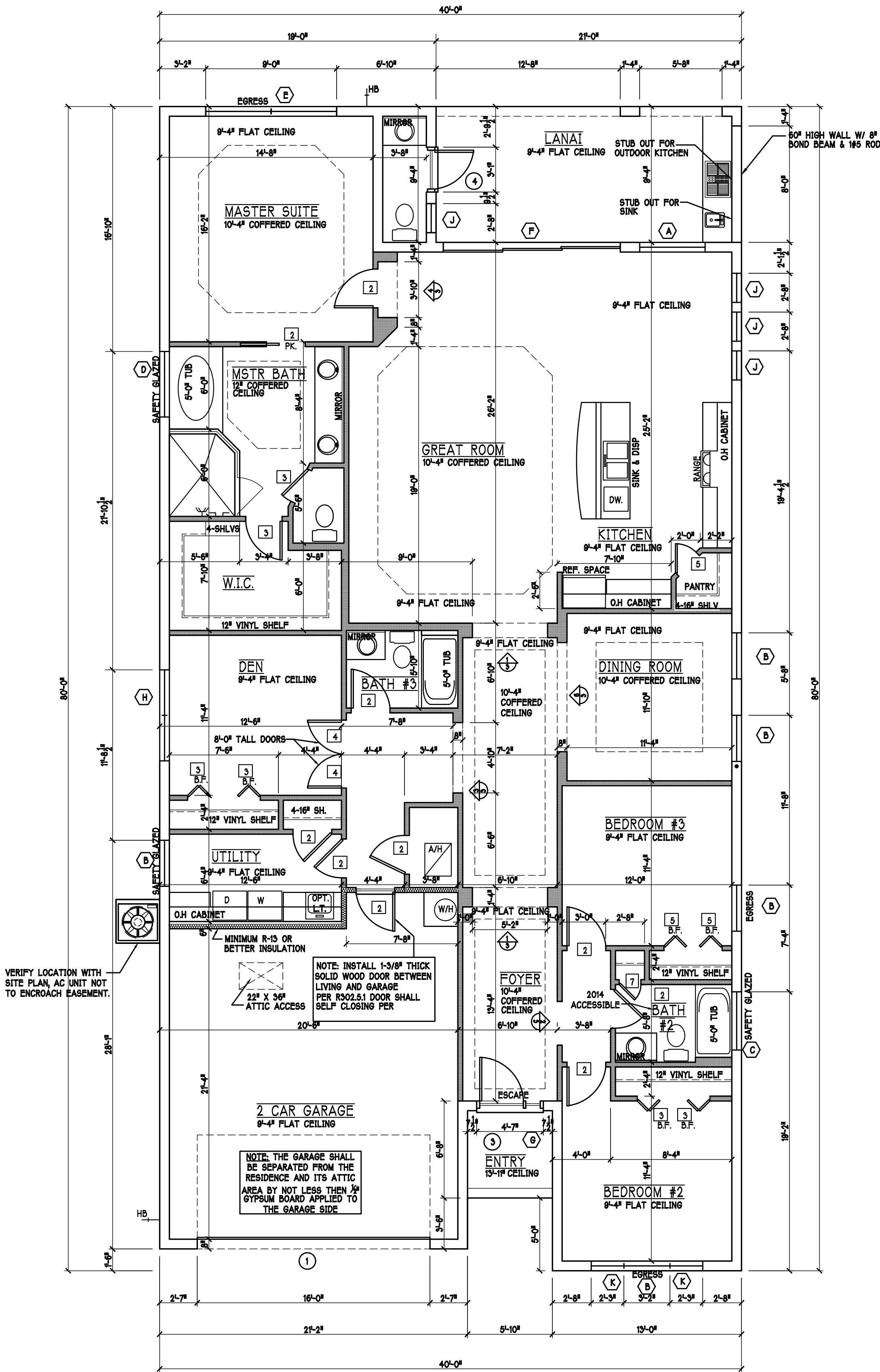
NOTE:
PROVIDE SAFETY GLAZING AT BATH/SHWR.
SHALL COMPLY WITH R 308.3.1



VINYL SHELF NOTES:
1) ALL CLOSET SHELVES TO BE 12"
2) ALL PANTRY & LINEN TO BE (4) 16" SHELVES 18" O.F.F. WITH 15" INCREMENT.

SQUARE FOOTAGE

LIVING AREA	2431
GARAGE AREA	476
ENTRY AREA	35
LANAI AREA	186
TOTAL AREA	3158



FLOOR PLAN:

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

DESIGN IN ACCORDANCE W/ THE 2014 RESIDENTIAL FLORIDA BUILDING CODE- 5TH EDITION

D.R.HORTON
America's Builder

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

MODEL:
UNIT 2431

RESIDENCE FOR:
SPEC

LOT:
BLOCK :
SUBDIV: NAPLES RESERVE 50'S
ADDRESS: 14607 TOPSAIL DRIVE
G.C.D.# : 9749 D.R.H.# : 578990054

DATE:
3-08-17

DRAWN BY:
JSL

CHECKED BY:
JWC

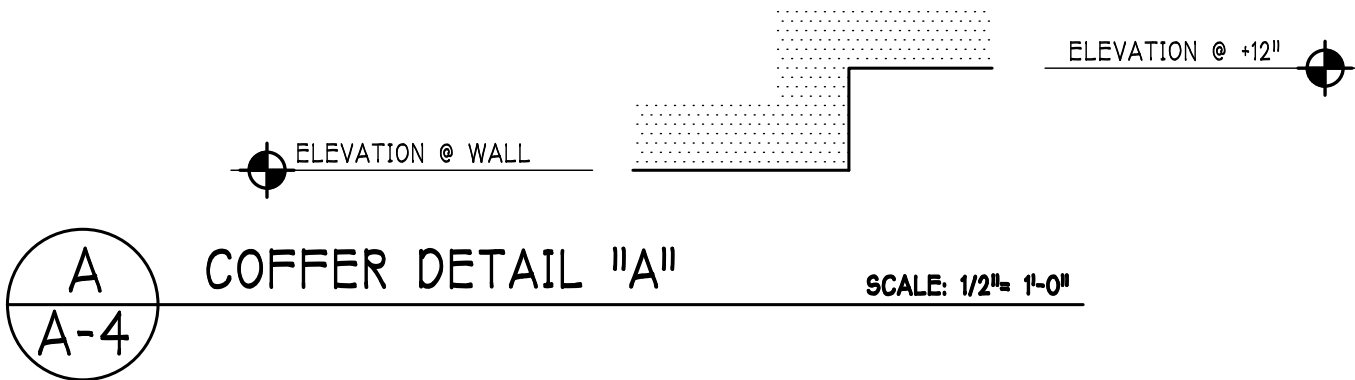
REVISED:

PLAN:
FLOOR

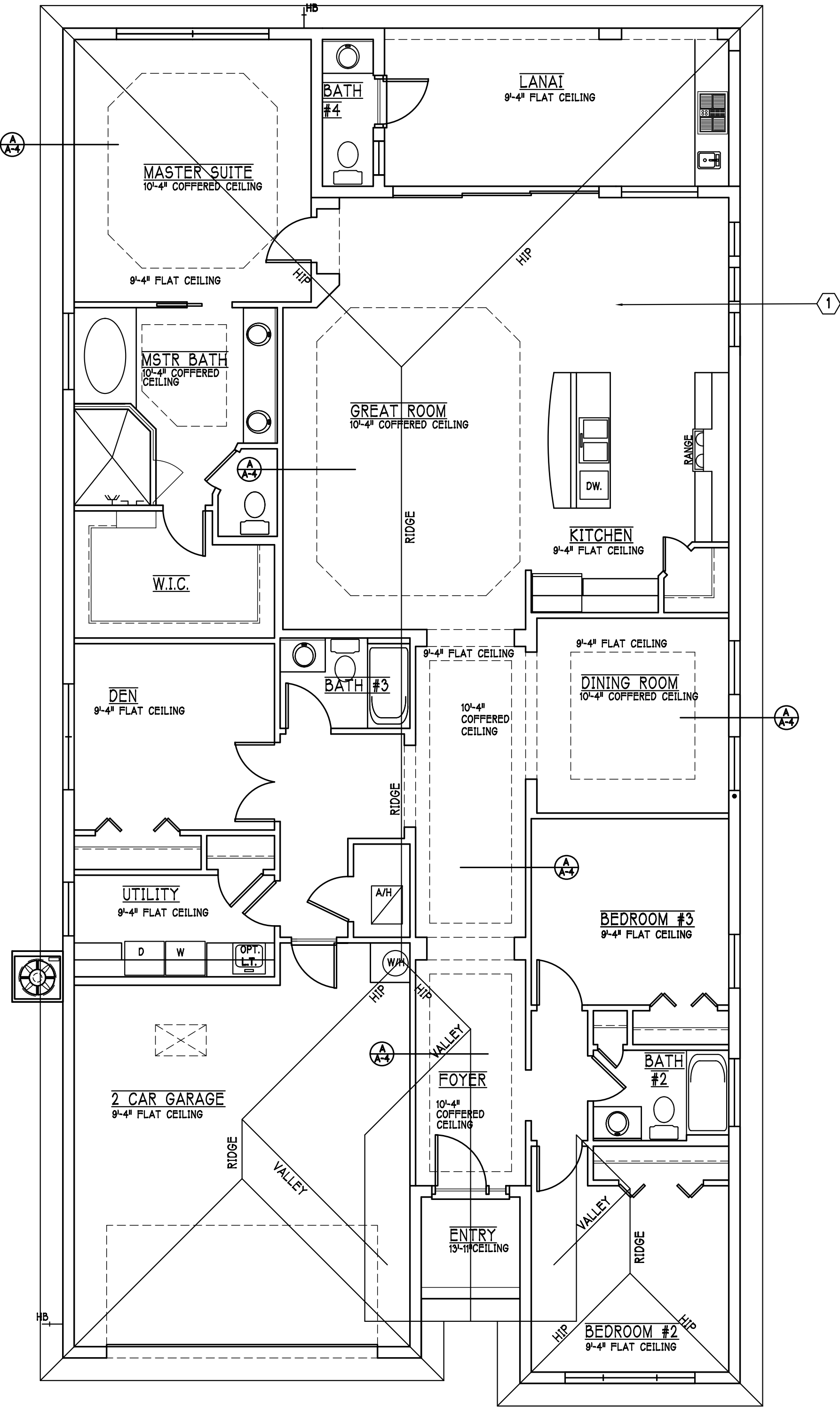
SCALE:
3/16"=1'-0"

SHEET#
A-3F

ATTIC VENTILATION						
verify venting requirements with energy calculations		WITHOUT OFF RIDGE VENTS		WITH OFF RIDGE VENTS (O.R.V.)		
ATTIC AREA (FBC R806)		VENTILATION REQUIRED (ATTIC AREA 1/150)		VENTILATION REQUIRED (ATTIC AREA 1/300 INSTALL PER FBC R806.2 MINIMUM AREA REQUIREMENTS)		
mark	square footage	soffit vents	MIN AIR FLOW OF SOFFIT	total ventilation	off ridge vents	MIN AIR FLOW OF SOFFIT
①	3198 SQ. FT.	20.8 SQ. FT.	6.0%	O.R.V. NOT USED		
		ATTIC VENTILATION CALCULATION: attic sq. ft. / 150 = vented sq. ft.		ATTIC VENTILATION CALCULATION: attic sq. ft. / 300 = vented sq. ft.		
6'-0" BASE 2'-0" BASE 146 SQ. FT. FREE AREA 3'-0" BASE 2'-0" BASE 1 SQ. FT. FREE AREA 18" BASE 17" BASE 38 SQ. FT. FREE AREA OFF RIDGE EXHAUST VENT SIZES (AREA NET FREE SQUARE FEET) SCALE: 1/4"=1'-0"						



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



CEILING PLAN: "F"

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

DESIGN IN ACCORDANCE W/ THE 2014 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:	BLOCK:	MODEL:	UNIT 2431
SUBDIV: NAPLES RESERVE 50'S	RESIDENCE FOR:	SPEC	
ADDRESS: 14607 TOPSAIL DRIVE	G.C.D.# : 9749	D.R.H.# : 578990054	

DATE: 3-08-17

DRAWN BY: JSL

CHECKED BY: JWC

REVISED:

PLAN: ROOF & CEILING

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

SHEET#

A-4F

	ELECTRICAL METER
	ELECTRICAL PANEL
	120 V JUNCTION BOX
	SINGLE RECEPTACLE OUTLET
	220 V RECEPTACLE OUTLET
	4-PLEX RECEPTACLE OUTLET
	DUPLEX RECEPTACLE OUTLET
	1/3 SWITCHED DUPLEX OUTLET
	DUPLEX RECEPTACLE @ ELEV. A.F.F.
	TIMER SWITCH
	DIMMER SWITCH
	3 WAY SWITCH
	SINGLE POLE SWITCH
	AC/DC SMOKE DETECTOR TO BE INTERCONNECTED ANY RESIDENT HAVING A FOSIL-SUNNING HEATER OR APPLIANCE, A FIREPLACE, OR AN ATTACHED GARAGE SHALL HAVE AN INSTALLED WITHIN 10 FEET OF EACH ROOM USED FOR SLEEPING PURPOSES. PER RULE 80-3.0-A-72
	80 BARKER DETECTOR SCD CARBON MONOXIDE/SMOKE DETECTOR
	TELEPHONE OUTLET
	TELEPHONE RECEPTION OUTLET
	SURFACE MOUNTED CEILING LIGHT
	RECESSED LIGHT
	WALL MTD. BRACKET LIGHT
	DUPLEX FLOOR LIGHT
	EXHAUST FAN
	TRACK MTD. LIGHTS
	A/C DISCONNECT
	PUSH BUTTON
	DOOR BELL
	KEYPAD
	4 FLUORESCENT LIGHT
	2' UNDER COUNTER LIGHT

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

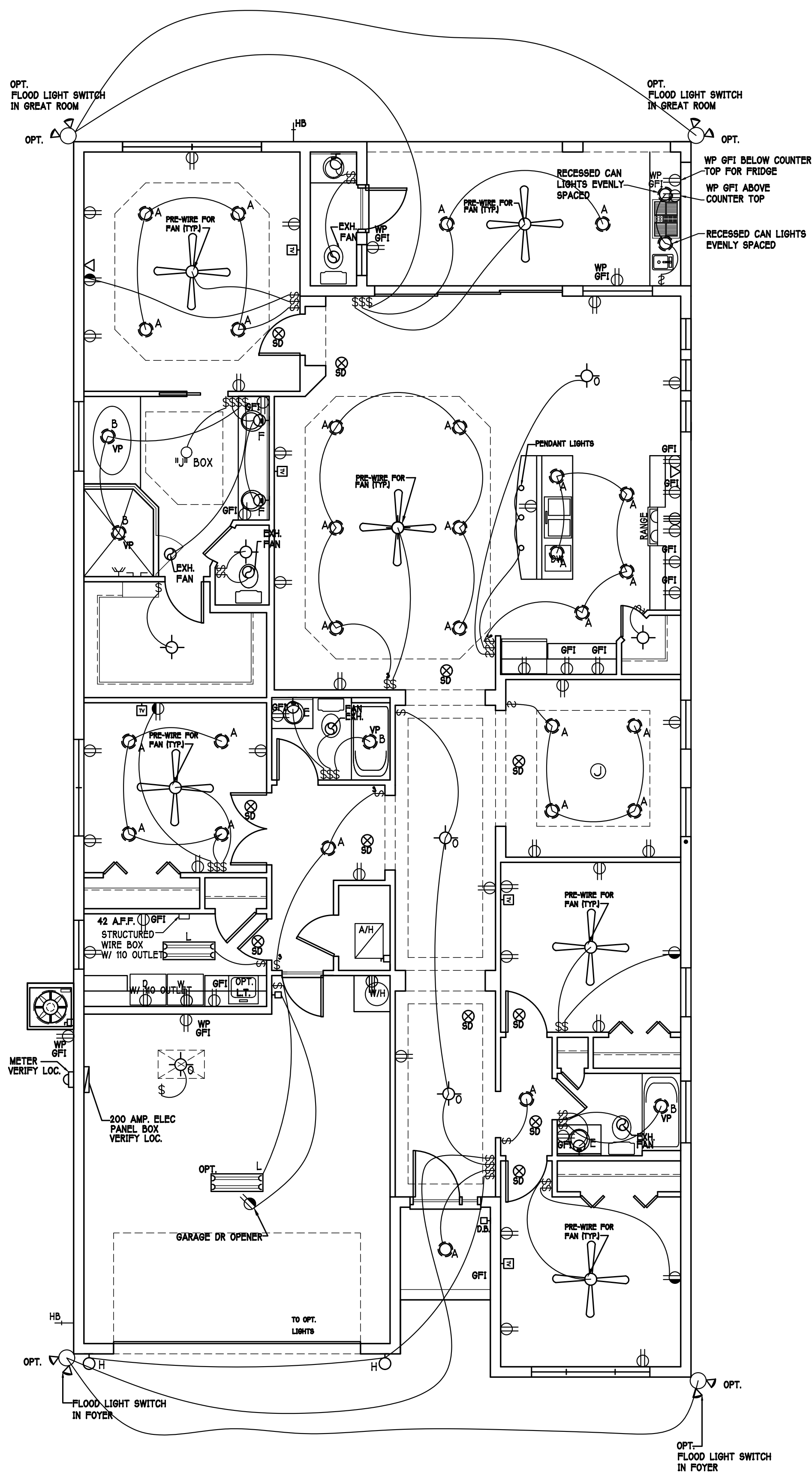
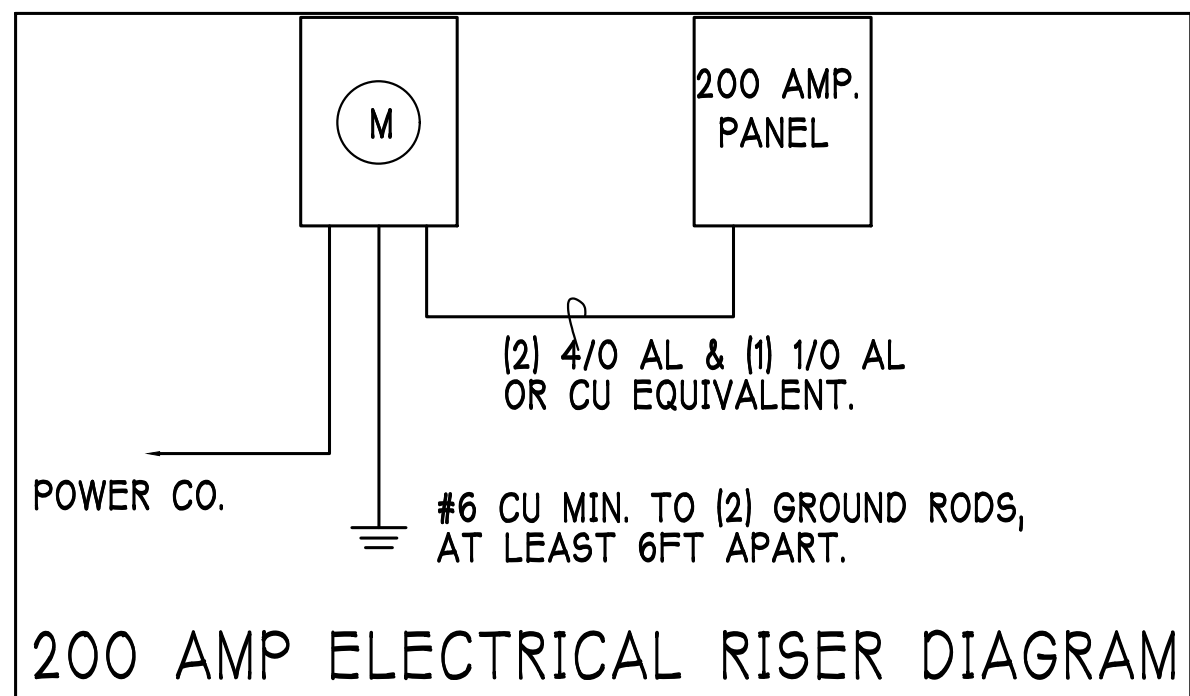
All electrical equipment to be set at or above base flood elevation

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

Install Phone & T.V per contract .

INSTALL ALL ELECTRICAL PER

200 Amp Service			
TAG	QUANTITY	PRODUCT	PRODUCT #
A	(28)	Recessed Cans	
B	(4)	Vapors	
C	(1)	Pendant/Nook	P4070-09
D	(X)	10" Mushrooms	P3410-30
E	(3)	24" Avalon 3 LT	P3268-09
F	(2)	36" Avalon 4 LT	P3269-09
G	(X)	NOT USED	NOT USED
H	(2)	Coach Lights	35003EB
J	(X)	Coach Lights	P5683-30
K	(X)	J BOX	
L	(4)	4' Fluorescent	P7186-30
M	(3)	2' Fluorescent	P7183-30
N	(X)	5lt Chandelier	P4068-09
O	(1)	3 LT Avalon	P3773-09
P	(3)	Pendant Light	P-5068-09



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

MODEL:
UNIT 2431
RESIDENCE FOR:
SPEC

DATE: 3-08-17

DRAWN BY:

CHECKED BY:

REVISÉ:

PLAN:
ELECTRICAL

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

SHEET#

A-5F

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" S&G 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 GYPSUMBOARD 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 SHALL BE ALUMINUM, ALUMINUM ZINC COATED STEEL, .079 INCHES THICK, 26 GAUGE. 26 GAUGE ALUM. ZINC OR GALVANIZED STEEL, .079 INCHES THICK, 26 GAUGE ZINC COATED. FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH THE ZIP SYSTEM ROOF SHEATHING MANUFACTURERS PUBLISHED REQUIREMENTS. ALL FLASHING AND INSTALLATION SHALL CONFORM TO SECTION R703.2.1 TO 2.5.

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 D2450, 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 gauge (0.105 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, Grade 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 1800.3 F.S.C.

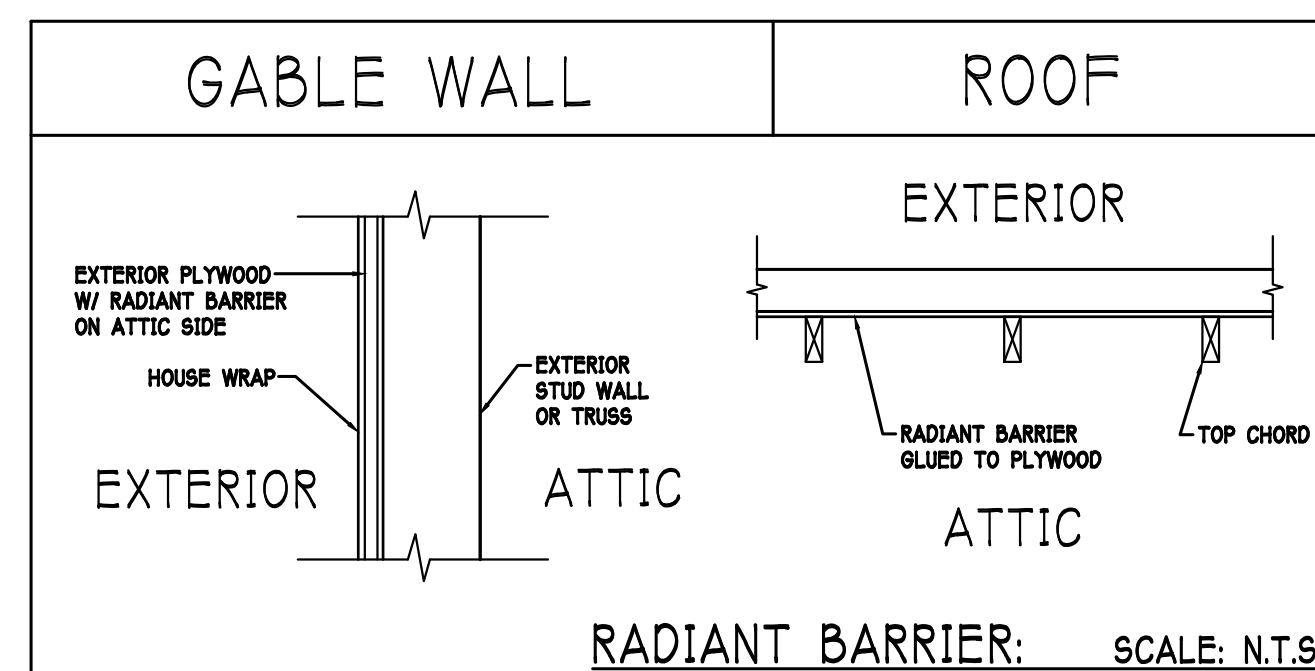
MARKING: EACH ROOF TILE SHALL HAVE A PERMANENT MANUFACTURERS IDENTIFICATION MARK.

APPLICATION SPECIFICATIONS: THE TILE MANUFACTURERS WRITTEN APPLICATION SPECIFICATIONS SHALL BE AVAILABLE AND SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:

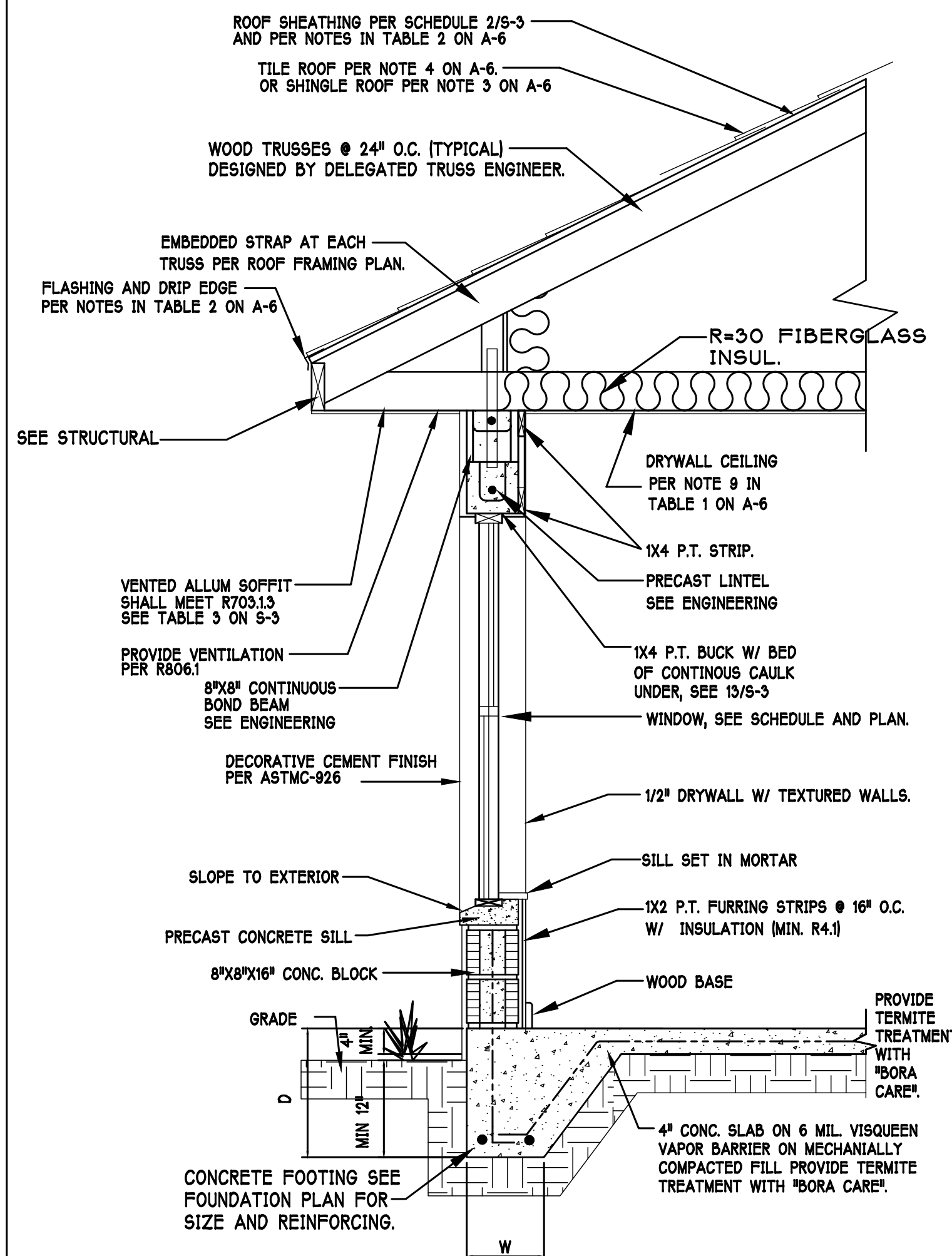
1. TILE PLACEMENT AND SPACING.
2. ATTACHMENT SYSTEM NECESSARY TO COMPLY WITH CURRENT WIND CODE.
3. A. AMOUNT AND PLACEMENT OF MORTAR B. AMOUNT AND PLACEMENT OF ADHESIVE C. TYPE, NUMBER, SIZE, AND LENGTH OF FASTENERS AND CLIPS.
4. UNDERLAYMENT
5. SLOPE REQUIREMENT.

FLOOR SHEATHING AT 2ND FLOOR

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

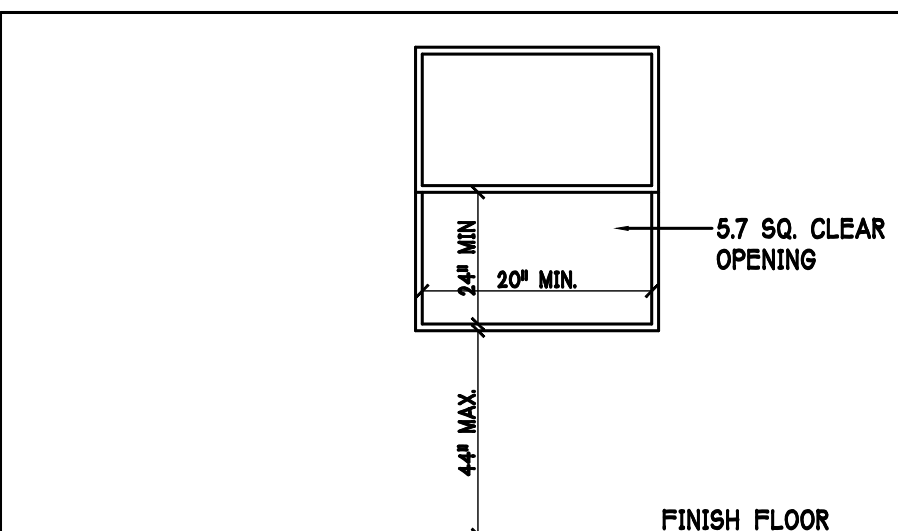


NOTE: EXTERIOR WALLS ADJACENT TO ATTIC SPACE, INCLUDING KNEEWALLS AND GABLE END WALLS, MUST HAVE RADIANT BARRIER AND HOUSE WRAP.



TYPICAL WALL SECTION

SCALE: N.T.S.



R310.11 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).

R310.12 MINIMUM OPENING HEIGHT:- THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24 INCHES (610mm).

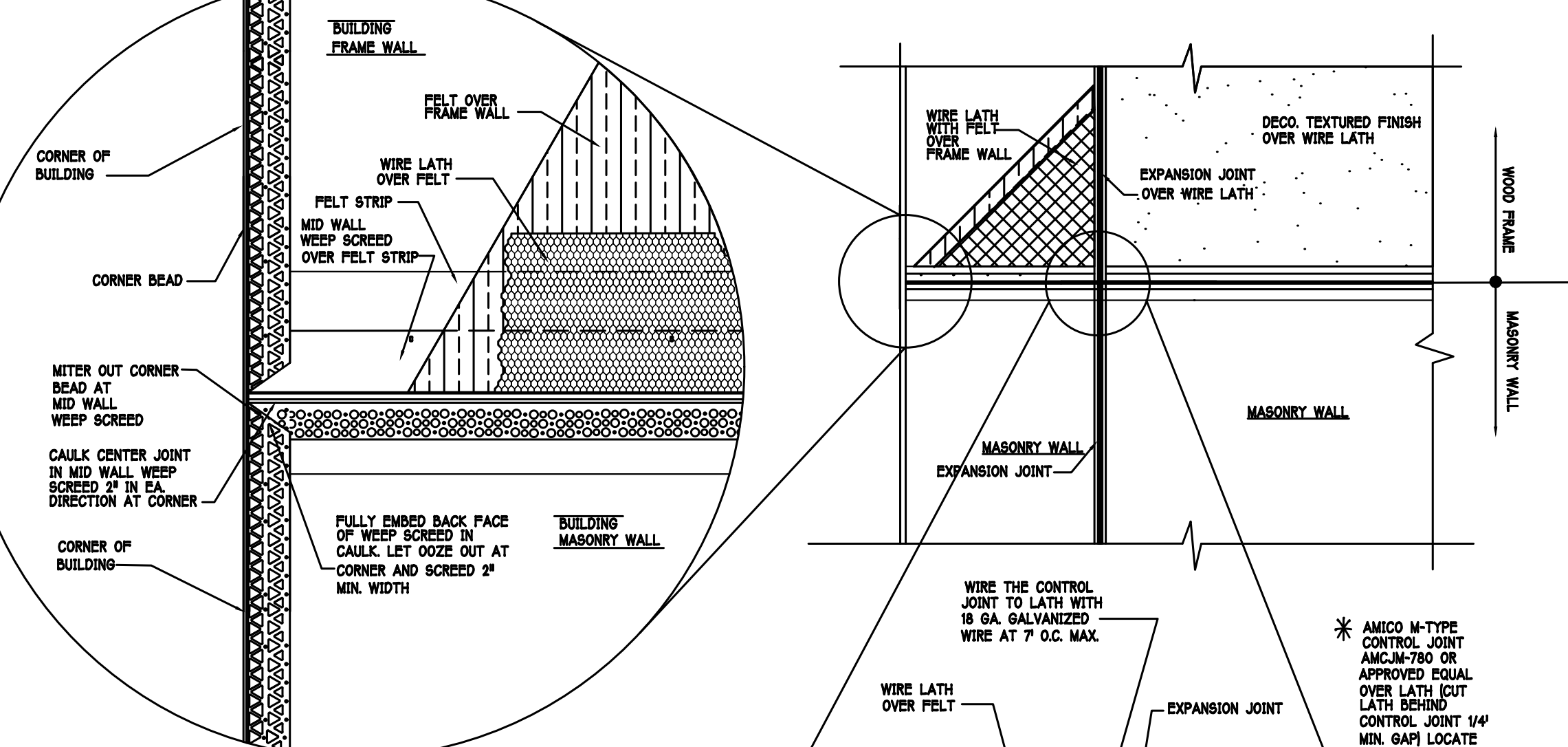
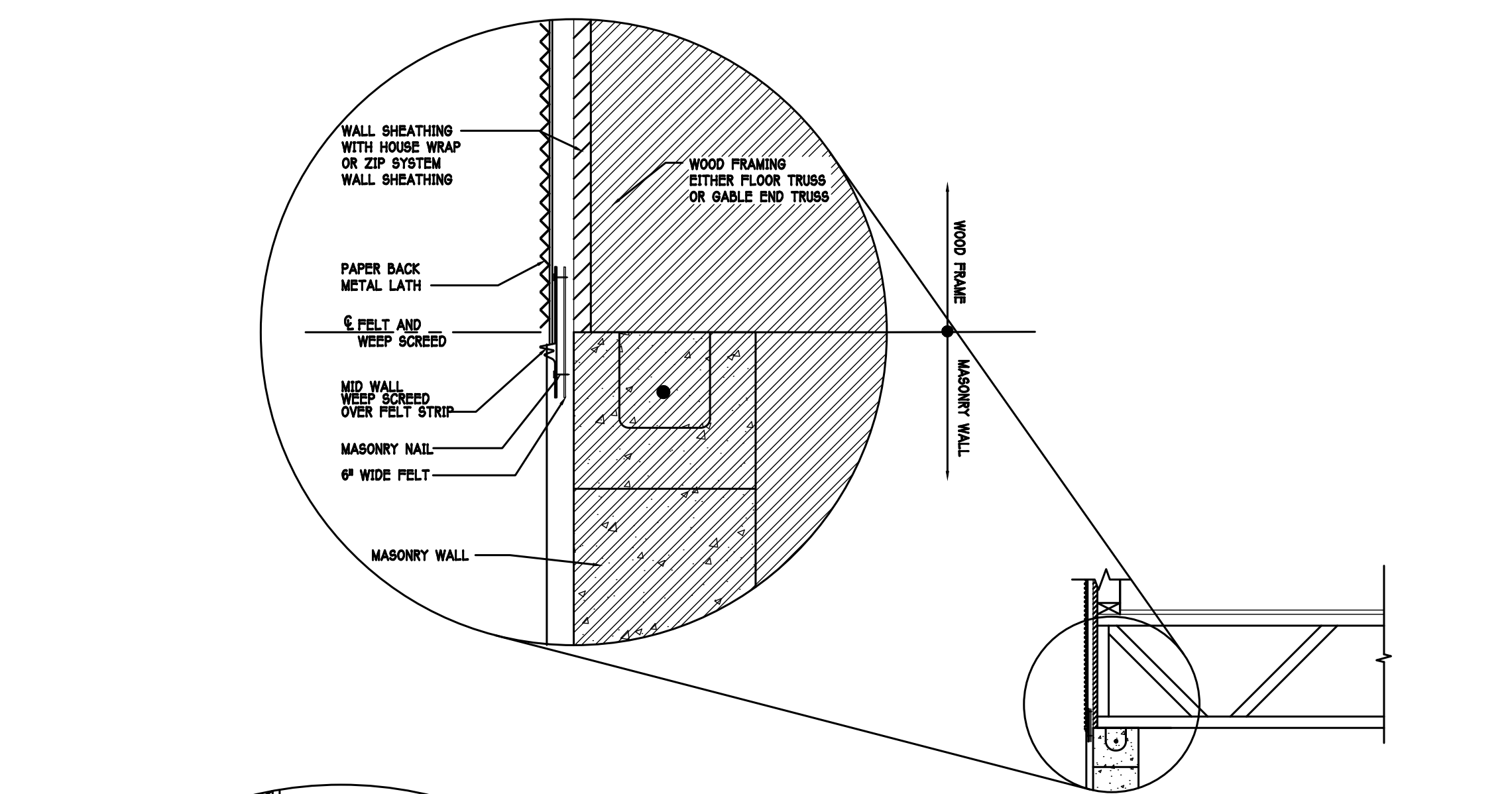
R310.13 MINIMUM OPENING WIDTH:- THE MINIMUM NET CLEAR OPENING WIDTH SHALL BE 20 INCHES (508mm).

R310.14 OPERATIONAL CONSTRAINTS:- EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL BE OPERATIONAL FROM THE INSIDE OF THE ROOM WITHOUT THE USE OF KEYS OR TOOLS.

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

MINIMUM EGRESS WINDOW DETAIL

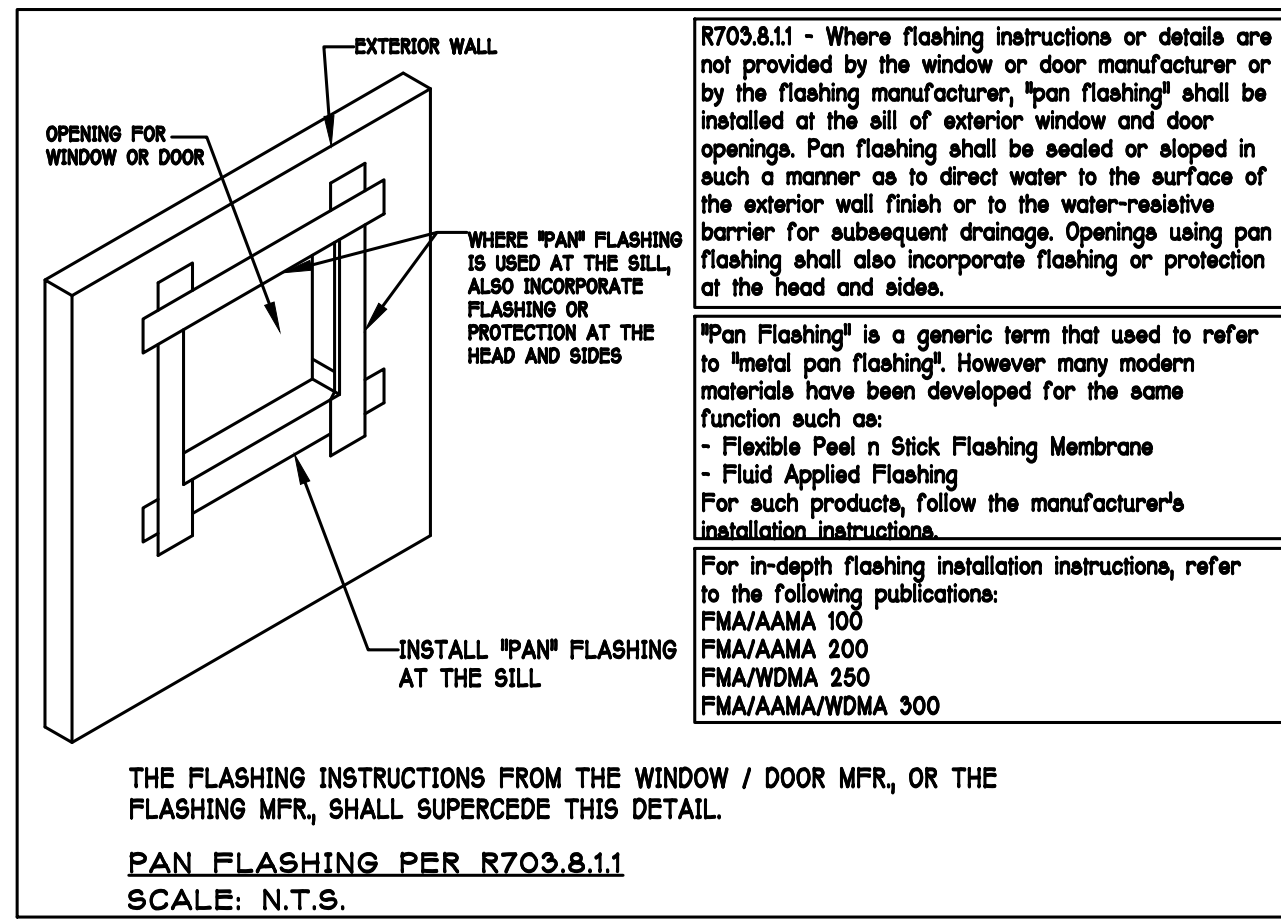
DESIGN IN ACCORDANCE W/ THE 2014 RESIDENTIAL FLORIDA BUILDING CODE- 5TH EDITION



MID WALL WEEP SCREED DETAIL

WEEP SCREED DETAIL

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



R703.2.1.1 - 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 also 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/AAMA 250
- FMA/AAMA/WDMA 300

THE FLASHING INSTRUCTIONS FROM THE WINDOW / DOOR MFR, OR THE FLASHING MFR, SHALL SUPERCEDE THIS DETAIL.

PAN FLASHING PER R703.2.1.1 SCALE: N.T.S.

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) 'P# DENOTES PAD 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) ALL 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/S-3.

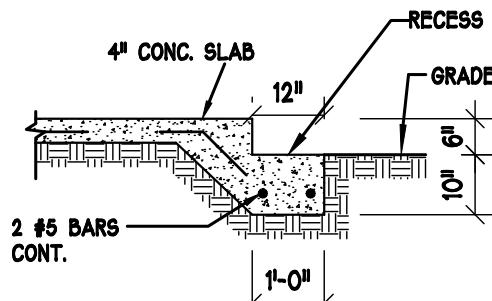
PAD FOOTING SCHEDULE

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

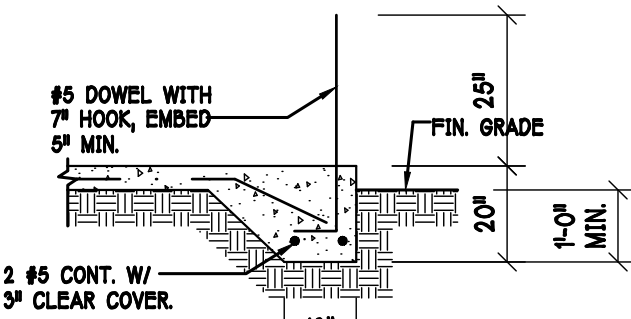
WALL FOOTING SCHEDULE

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

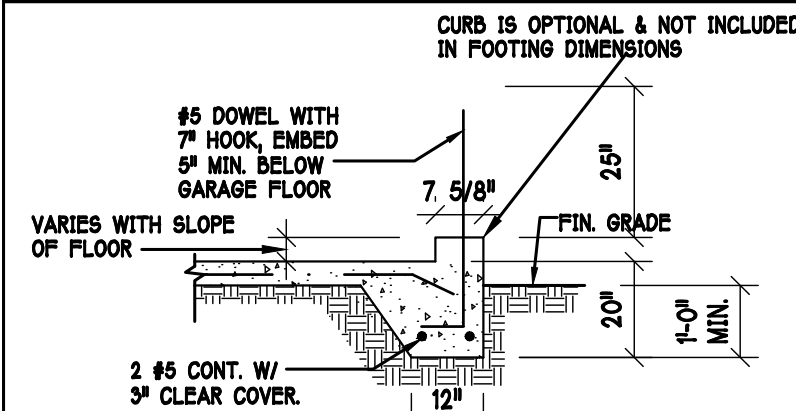
ADD CURB TO GARAGE, SEE DETAIL.



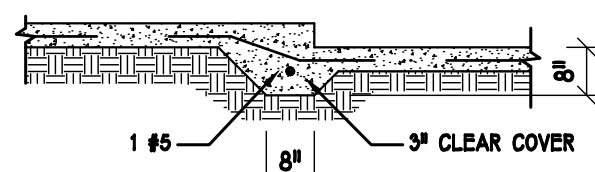
GARAGE DOOR RECESS
SCALE: 1/2" = 1'-0"



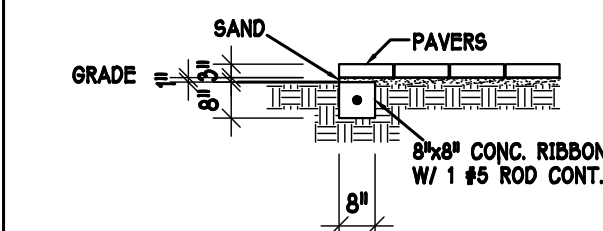
F3' FOOTING



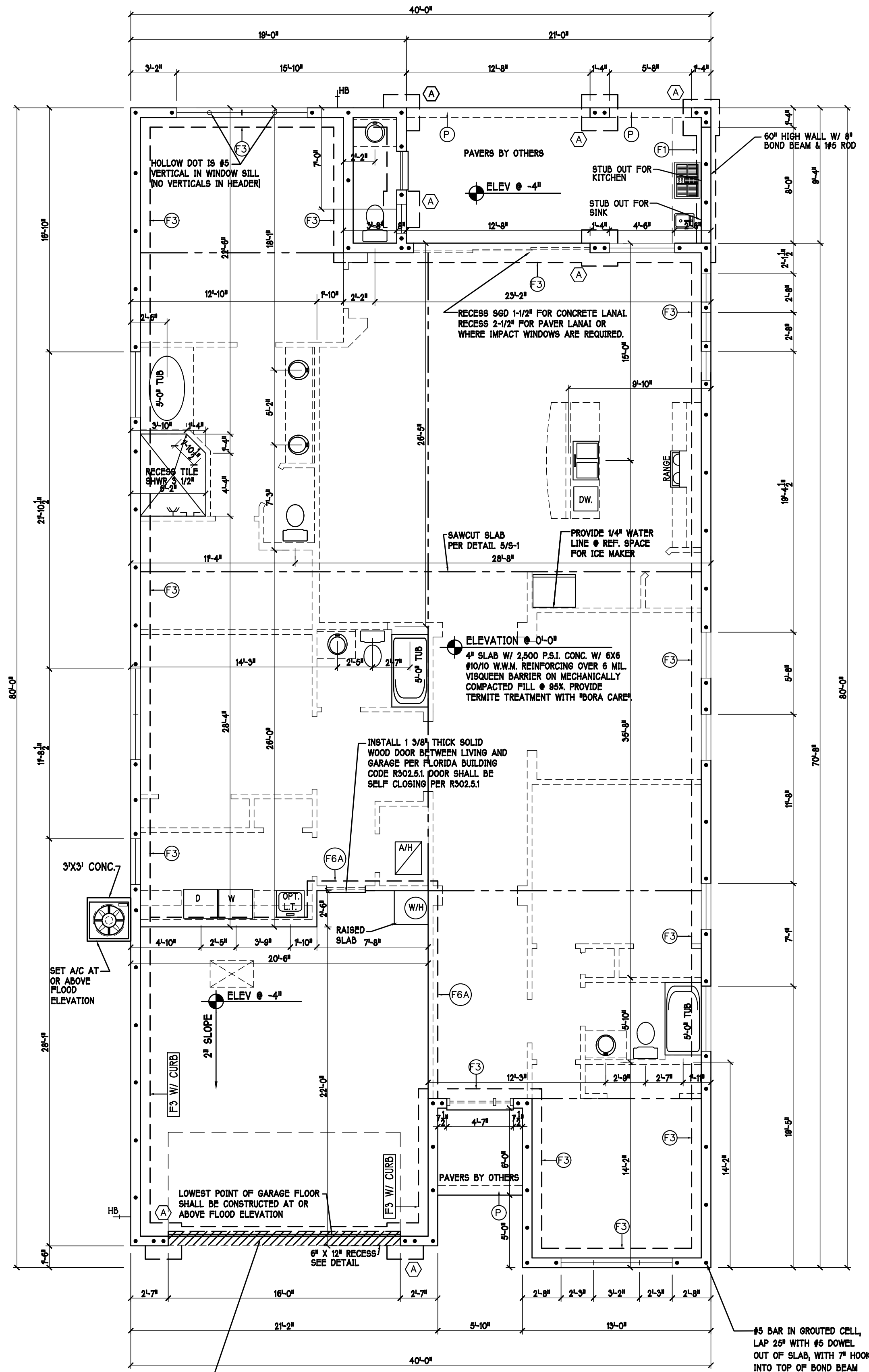
F3' WITH CURB AT GARAGE



F6A' STEP DOWN



P' PAVERS DETAIL ENTRY/LANAI



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

DESIGN IN ACCORDANCE W/ THE 2014 RESIDENTIAL FLORIDA BUILDING CODE- 5TH EDITION

D-R-HORION
America's Builder

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

STRUCTURAL ENGINEERING
STRUCTURAL SYSTEMS
OF NORTH FLORIDA
1634 SE. 47th ST. SUITE #3
FORT MYERS, FL 33904
(239) 541-4554
CA# 9889

LOT: BLOCK: SUBDIV: NAPLES RESERVE 50'S ADDRESS: 14607 TOPSAIL DRIVE G.C.D.#: 9749 D.R.H.#: 578990054
MODEL: UNIT 2431 RESIDENCE FOR: SPEC

DATE: 3-08-17
DRAWN BY: JSL
CHECKED BY: JWC
REVISED:
PLAN: FOUNDATION
SCALE: 3/16" = 1'-0"
SHEET#

S-1 F

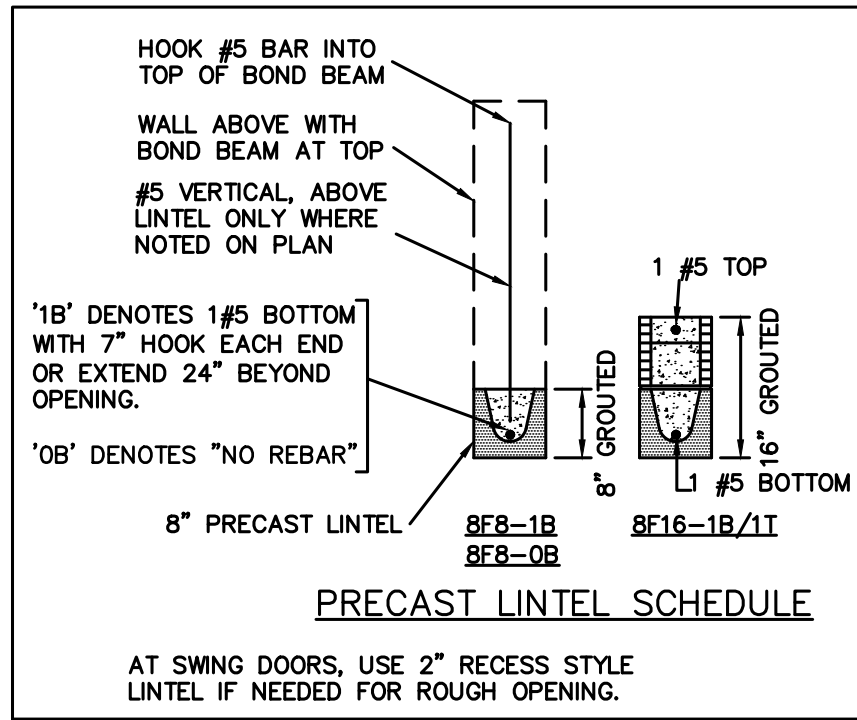
TRUSS STRAPPING TO MASONRY			
INSTALL	MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER
META16 AT ALL TRUSSES TO 1450 lb UPLIFT.	1450	(1)META16 TO 40	9-10dX1 1/2" EMBED 4"
FOR HIGHER UPLIFTS, SEE NOTES ON PLAN.	1810	(1)HETA16 TO 40	10-10dX1 1/2" EMBED 4"
	2235	(1)HETA16 TO 40	12-10dX1 1/2" EMBED 4"
	1985 (1 PLY)	(2)META12 TO 40	12-10dX1 1/2" EMBED 4"
	1900 (2 PLY)	(2)META12 TO 40	14-16d, EMBED 4"
	2500 (2 PLY)	(2)HETA12 TO 40	14-16d, EMBED 4"
	2500 (2 PLY)	(2)HETA12 TO 22	14-16d, EMBED 4"

NOTES:

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

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 8-3.
- 3) PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS SHEET.
- 4) FOR NAILING OF ROOF DECK, SEE 1 AND 2 ON 8-3.
- 5) [REDACTED] 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 2/A-6.

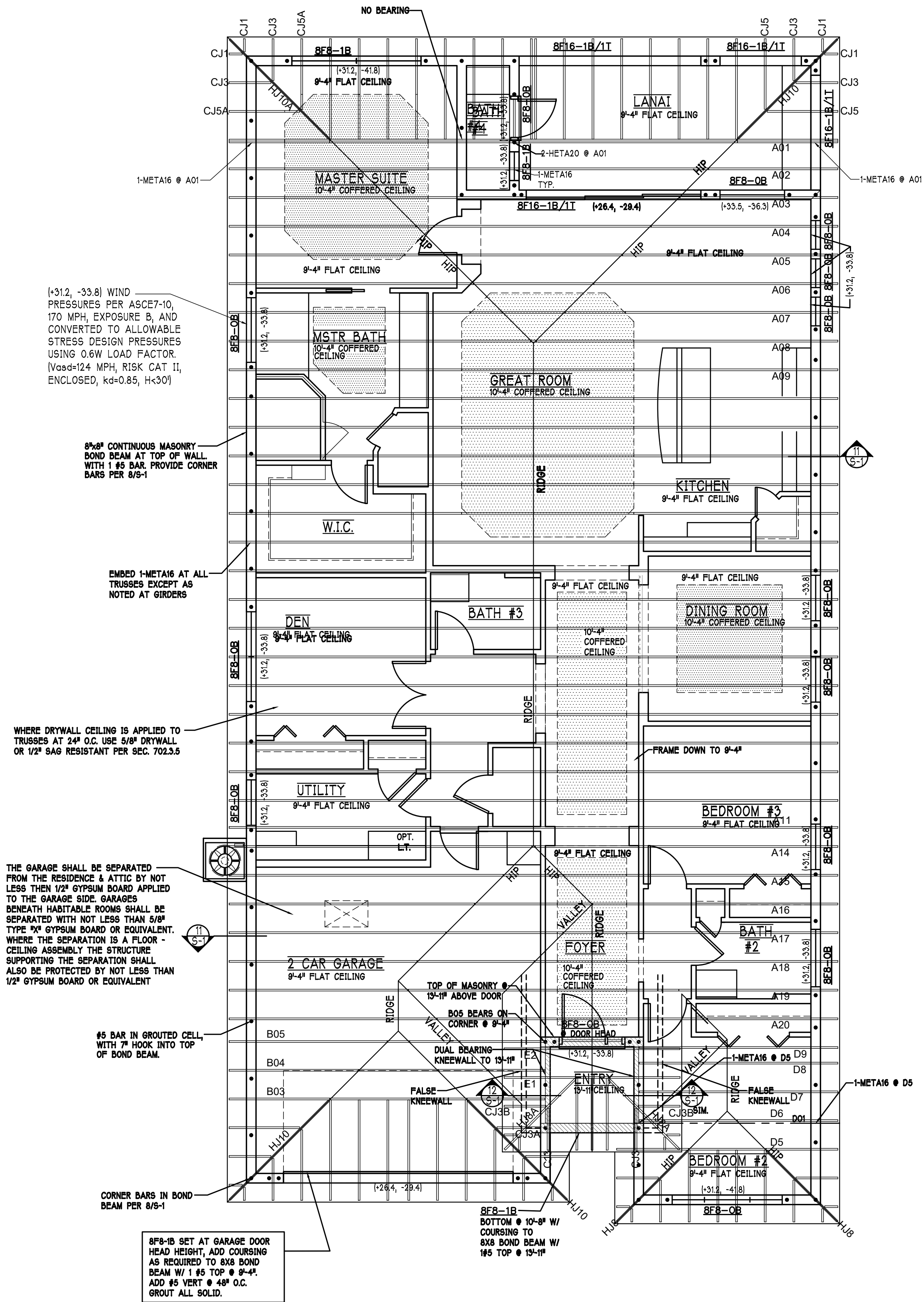


TRUSS BEARING CONDITIONS AND STRAPPING IS BASED ON TRUSS LAYOUT PREPARED BY PROBUILD, JOB #: MASTER, DATED: 08/23/16, REVISED: NONE

BEARING HEIGHTS	
[Solid Box]	= BEARING @ 9'-4" A.F.F.
[Hatched Box]	= BEARING @ 13'-11"

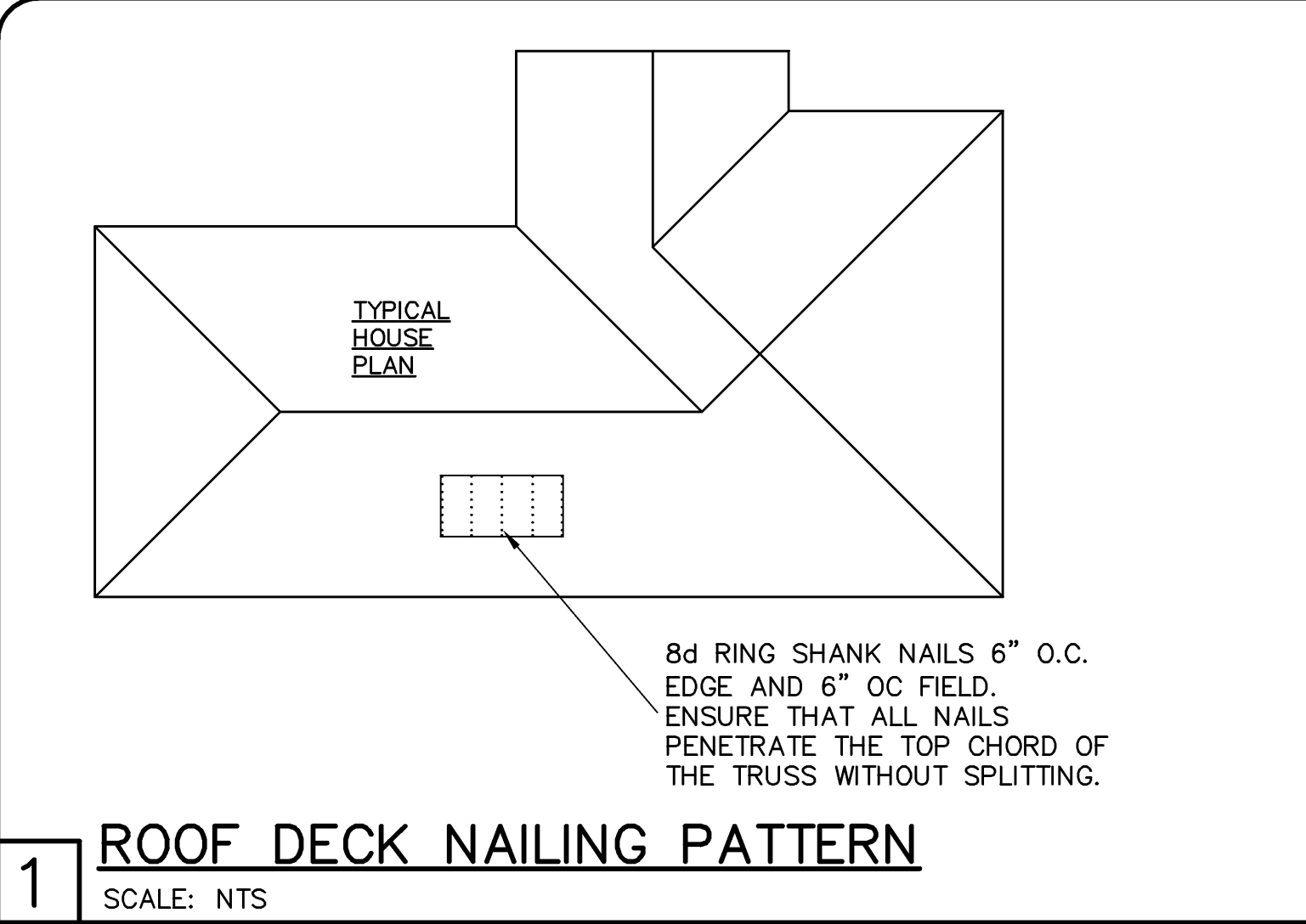
CONVERSION FROM SIMPSON TO USP CONNECTORS

Category	Simpson	Pounds	USP	Pounds
Misc	H2.5A	U=535	RT7A	U=565
Truss straps	H10A	U=1015	RT16A	U=1160
Embedded Straps	1-META16	U=1450	1-HTA16-18	U=1625
	2-META16 (1 ply)	U=1985	2-HTA16-18 (1 ply)	U=2430
	2-META16 (2 ply)	U=1900	2-HTS16-18 (2 ply)	U=2800
	1-HETA20	U=1810	1-HTA20	U=1870
	2-HETA20 (1 ply)	U=2035	2-HTA20 (1 ply)	U=2430
	2-HETA20 (2 ply)	U=2500	2-HTA20 (2 ply)	U=3170
Twisted Straps	MTS16	U=860	MTW16	U=1005
	HTS20	U=1245	HTW20	U=1285
	HTSM16	U=1020	HTWM16	U=1145
	HTSM20	U=1020	HTWM20	U=1145
Flat Straps	MSTA12	U=810	MSTA12	U=810
	MSTA18	U=1130	MSTA18	U=1130
	MSTA24	U=1455	MSTA24	U=1455
	MSTAM24	U=1500	MSTAM36	U=1945
	MSTAM36	U=1870	MSTAM36	U=1945
Coil Straps	CS18-R	U=1370	RS18-R	U=1375
	CS16-R	U=1705	RS16-R	U=1730
Stud Straps	SPH4	U=1065	SPH4	U=1730
	SPH6	U=1065	SPH6	U=1730
	SPH8	U=1065	SPH8	U=1730
	SP1	U=535 (SPF)	SP722	U=645 (SPF)
	SP2	U=605 (SPF)	SP724	U=970 (SPF)
Anchor	LIT208	U=1290 (SPF)	HTT45	U=5005 (SPF)
	HTT4 (12 1/2" HIGH)	U=3640 (SPF)	HTT45 (12 1/2" HIGH)	U=5005 (SPF)
	HTT4 (12 1/2" HIGH)	U=4235 (SPF)	HTT4 (12 1/2" HIGH)	U=5005 (SPF)
	HTT5 (16" HIGH)	U=4015 (SPF)	HTT45 (16" HIGH)	U=5005 (SPF)
	HTT5 (16" HIGH)	U=4670 (SPF)	HTT45 (16" HIGH)	U=5005 (SPF)
THE FOLLOWING USP HANGERS MEET JOB SPECIFIC LOAD REQUIREMENTS (EVEN THOUGH SOME DO NOT EXCEED THE SIMPSON RATINGS)				
Hangers	HTU26 (To Wood)	U=670 R=2735	THD26	U=2265 R=2645
Model 3846	LJH28-2 SDS (To Wood)	U=2435 R=8250	LJH28-2 SDS	U=2770 R=8155
Model 2178	LJH28-3 SDS (To Wood)	U=2435 R=8290	LJH28-3 SDS	U=2770 R=8155
Model 151955	LJ28 (To Wood)	U=850 R=1335	LJ28	U=885 R=1295
Model 1585	HU26 (To Masonry)	U=290 R=1545	HD28	U=595 R=2000
Townhome	HU28 (To Masonry)	U=575 R=2400	HD210	U=595 R=3110
Model 3103	HU48 (To Masonry)	U=1085 R=4350	HD410	U=1305 R=5000
Townhome	HU410 (To Masonry)	U=1810 R=5085	HD412	U=1305 R=5750
Model 4377, 2083	HU526 (To Wood)	U=1550 R=2950	HU526	U=1925 R=2760
Model 2587	LJ226 (To Wood)	U=1165 R=940	LJ226	U=1115 R=870
Model 4377	HU226-2 (To Masonry)	U=1085 R=4350	HD210-2F	U=1305 R=5000
Model 2587	HD528-3 (To Wood)	U=3235 R=7460	THD28-3	U=2665 R=7785
Model 3009, 5350, 1983	MBHJ3.56/11.25 KT (To Masonry)	U=1720 R=2440	UMH358	U=3550 R=3550

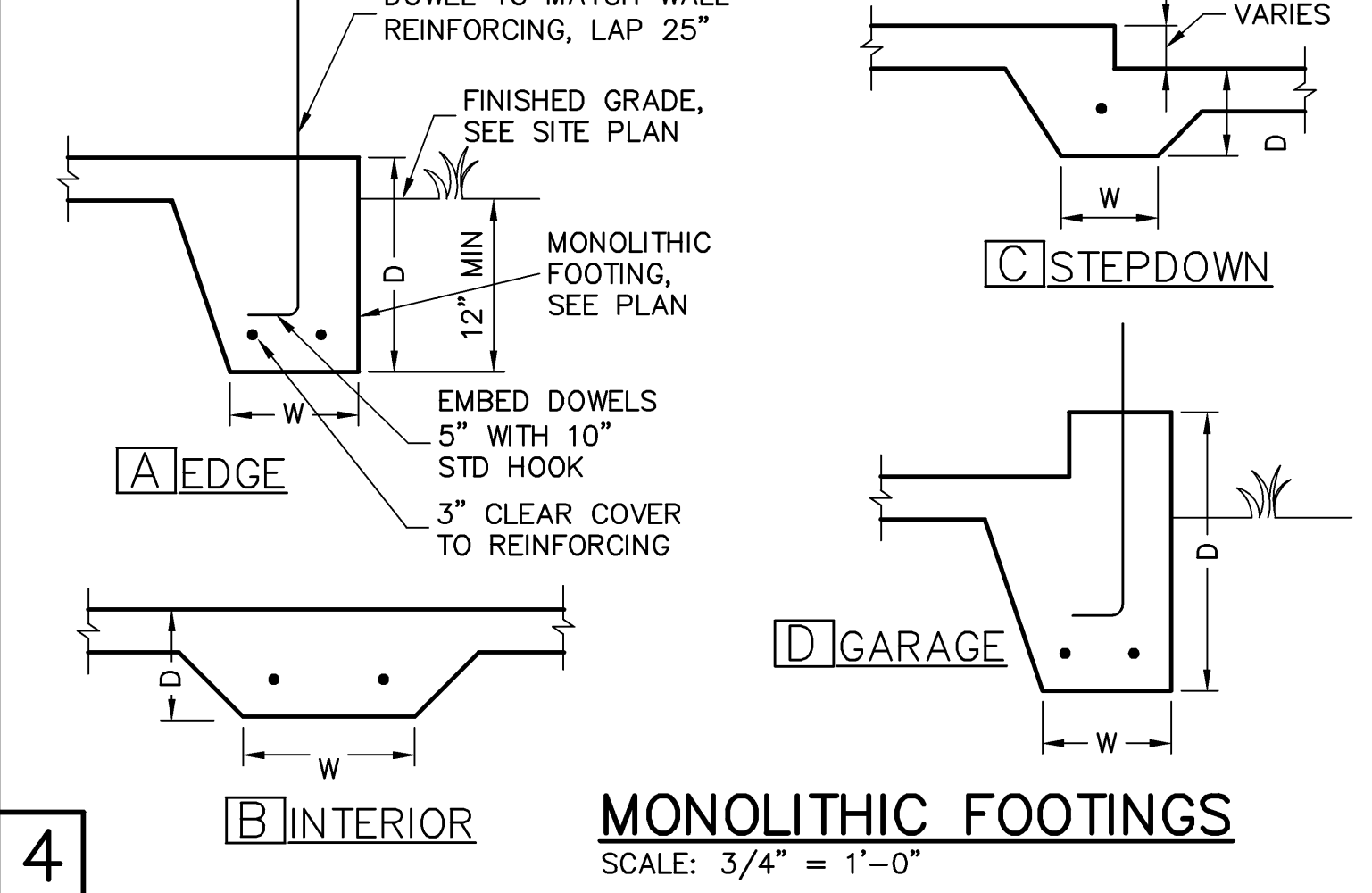


ROOF PLAN: 11F1 SCALE: 3/16" = 1'-0"

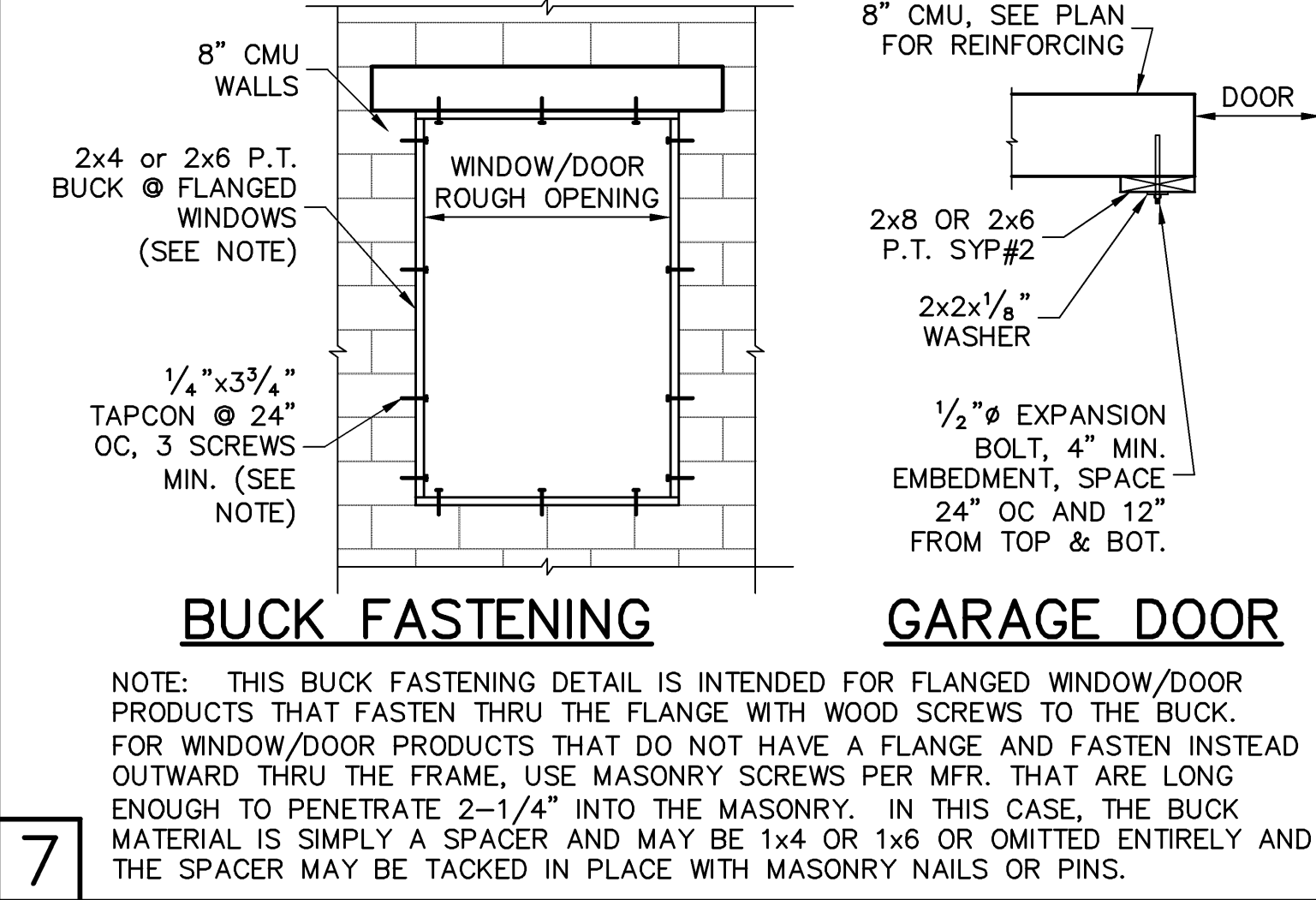
DESIGN IN ACCORDANCE W/ THE 2014 RESIDENTIAL FLORIDA BUILDING CODE- 5TH EDITION



1 **ROOF DECK NAILING PATTERN**
SCALE: NTS



4 **MONOLITHIC FOOTINGS**
SCALE: 3/4" = 1'-0"



7 **BUCK FASTENING**

RETROFIT STRAPS TO CONCRETE/MASONRY			
TRUSS UPLIFT (LBS) @ 24" OC	CONNECTOR		
TO 840	1-MTSM16 or 20	7-10dx1 1/2"	4- 1/4"x2 1/4" TITEN
TO 1045	1-HTSM16 or 20	8-10dx1 1/2"	4- 1/4"x2 1/4" TITEN
TO 2090	2-HTSM16 or 20	8-10dx1 1/2"	4- 1/4"x2 1/4" TITEN
TO 4300	2-LGT2	16-16d, 7- 1/4"x2 1/4"	TITEN
TO 3480	HTT16	18-16d, 5/8" ALLTHREAD, DRILL & EPOXY 10" EMBED w/ SIMPSON SET.	
TO 10530	HGT-2/3	TWO 3/4" ALLTHREAD, DRILL & EPOXY 12" EMBED WITH SIMPSON SET.	

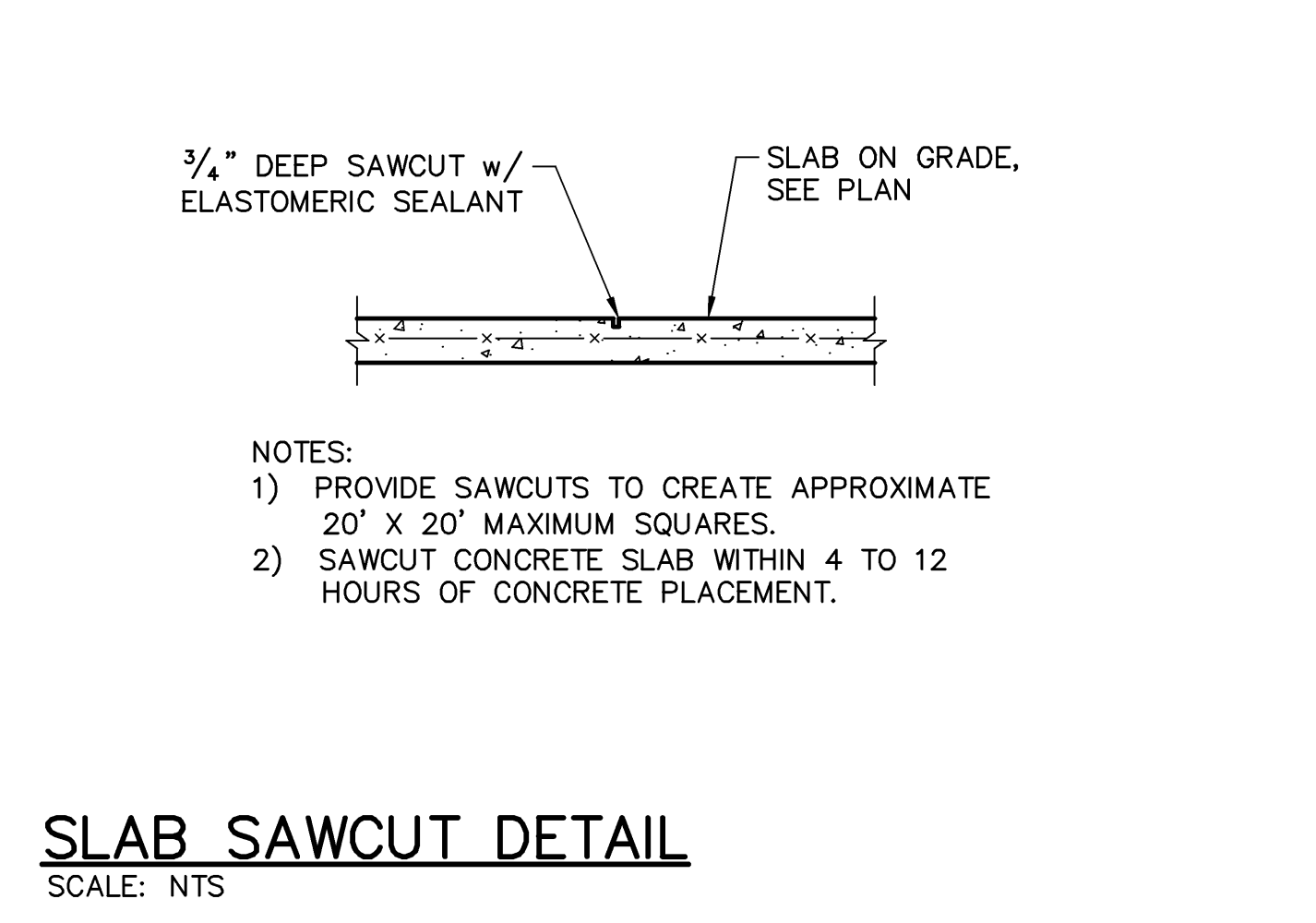
NOTES:
1) WHERE EMBEDDED STRAP IS MISSING OR MIS-LOCATED, PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE.
2) CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS.

10 **RETROFIT UPLIFT CONNECTOR SCHEDULE**

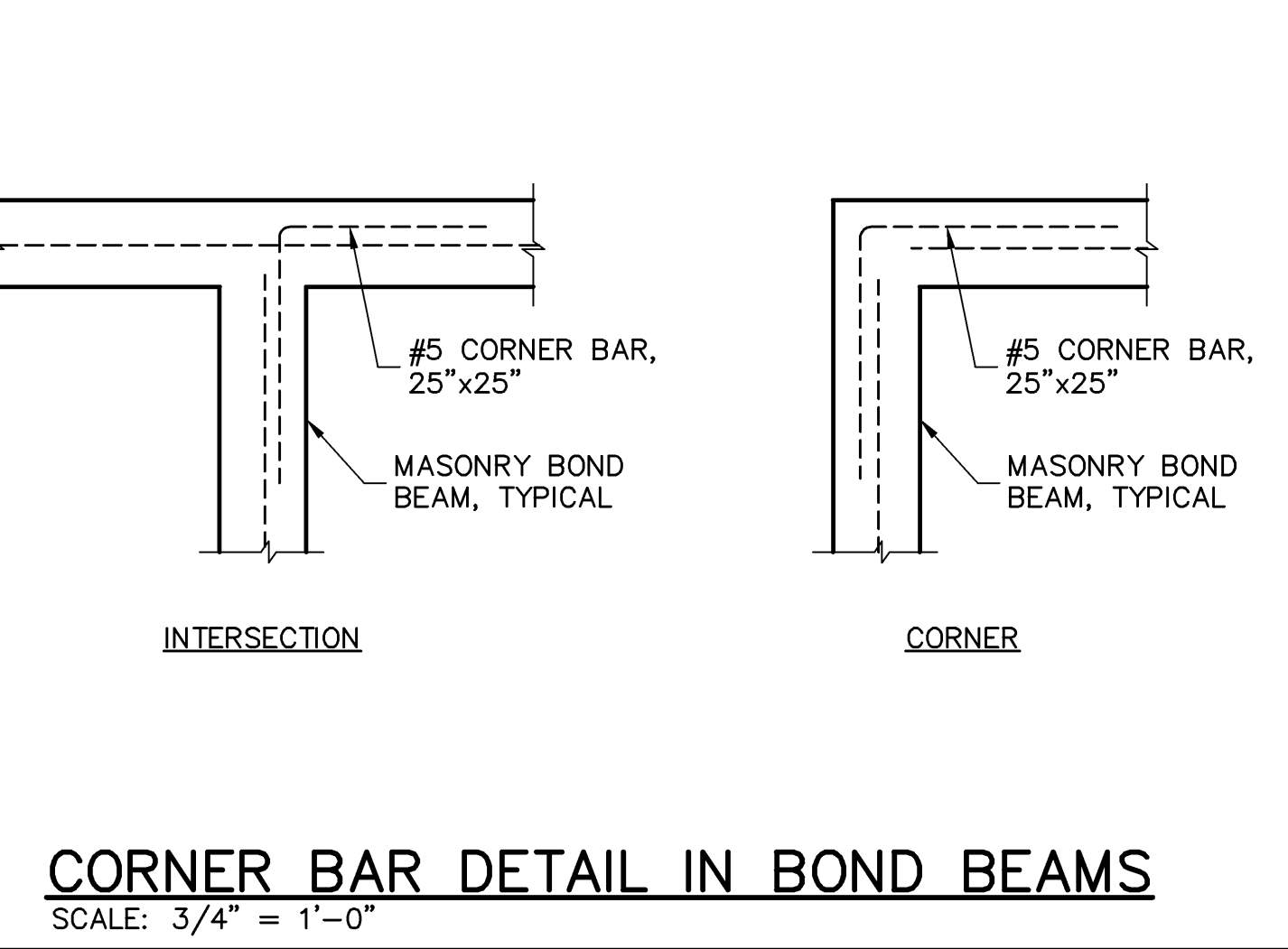
SHEATHING SCHEDULE	
EXTERIOR STUD WALL	FLOOR
7/16" ZIP SYSTEM WALL SHEATHING BY HUBER ENGINEERED WOODS LLC, NAILED W/ 8d COMMON WIRE @ 6" O.C. EDGE AND 6" O.C. FIELD. PROVIDE 2x4 BLOCKING AT ALL JOINTS. INSTALL SHEATHING AND SEAM TAPE IN STRICT ACCORDANCE WITH MFR. WRITTEN INSTRUCTIONS.	N/A
ROOF	LANAI / ENTRY CEILING
A.P.A. RATED SHEATHING, EXPOSURE 1, SPAN RATING 24/16 OR BETTER (HIGHER NUMBERS INDICATE BETTER SPAN RATING). THE USUAL CHOICE IS 15/32" CDX PLYWOOD OR 7/16" OSB, WITH THE REQUIRED APA GRADE MARKING. FASTEN WITH 8d RING SHANK NAILS @ 6" O.C. EDGE AND 6" O.C. FIELD. (RING SHANK NAILS PER R803.2.3.1: 0.113" NOMINAL SHANK DIAMETER, RING DIA. OF 0.012" OVER SHANK DIAMETER, 16 TO 20 RINGS PER INCH, 0.280" DIAMETER FULL ROUND HEAD, 2" NAIL LENGTH)	OPTIONS: 1) 1x4 STRIPPING @ 16"OC w/ 2-8d NAILS TO EACH TRUSS, 5/8" EXTERIOR GYPBOARD CEILING, FASTEN w/8d NAILS OR 1 1/2" DRYWALL SCREWS @ 6"OC EDGE & FIELD. 2) 3/8" BC PLYWOOD NAILED w/ 6d COMMON @ 6" OC EDGE & FIELD. 3) WIRE LATHE AND 1/2" STUCCO. FASTEN WIRE LATHE WITH GALVANIZED STAPLES BY SENCO OR EQUIV., 1" CROWN, 1" LONG, SPACED 4" OC.

NOTE: EXTERIOR CEILINGS AND SOFFITS SPECIFIED HERE MEET THE DESIGN WIND PRESSURES PER R703.1.3.

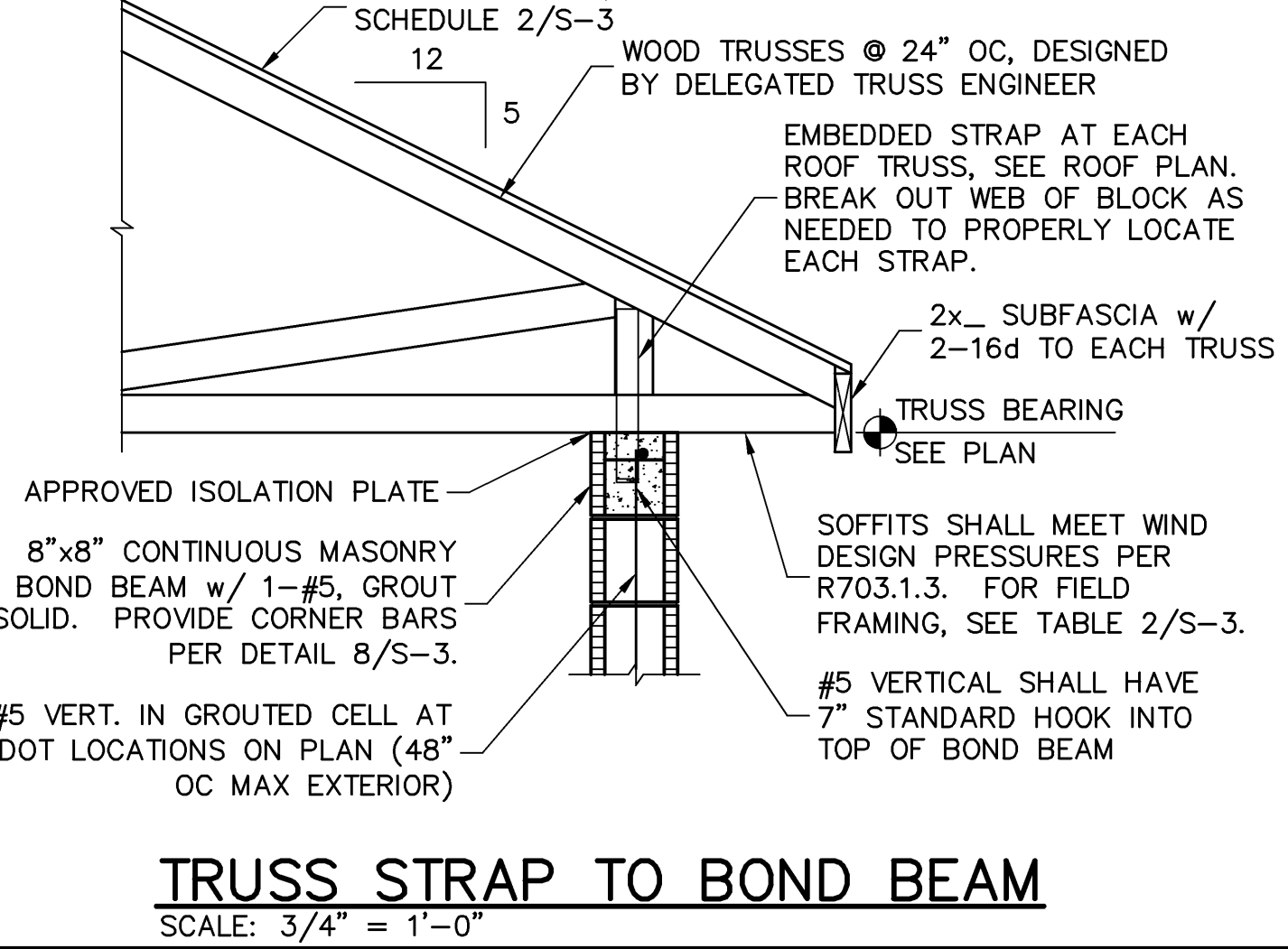
2 **SHEATHING SCHEDULE**



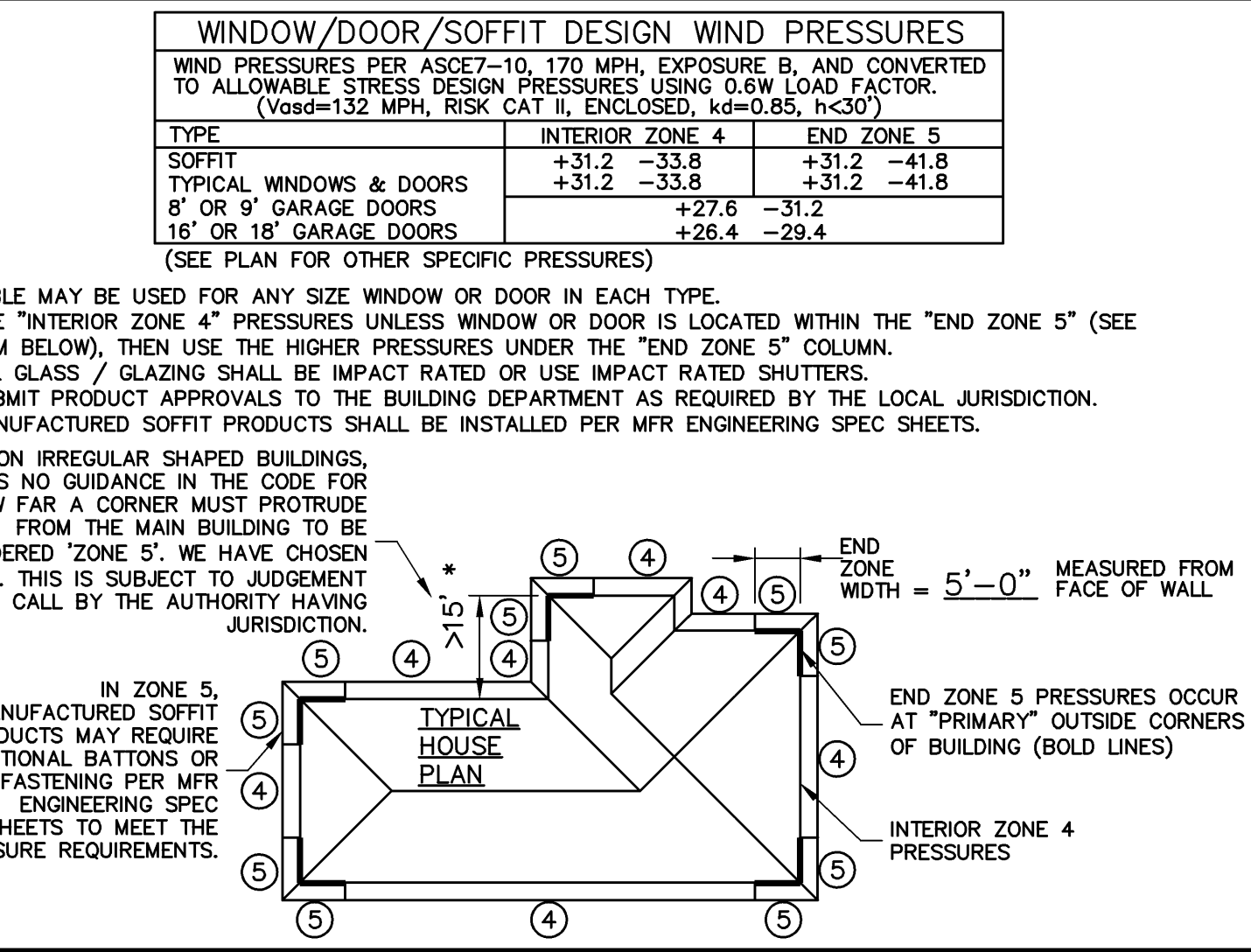
5 **SLAB SAWCUT DETAIL**
SCALE: NTS



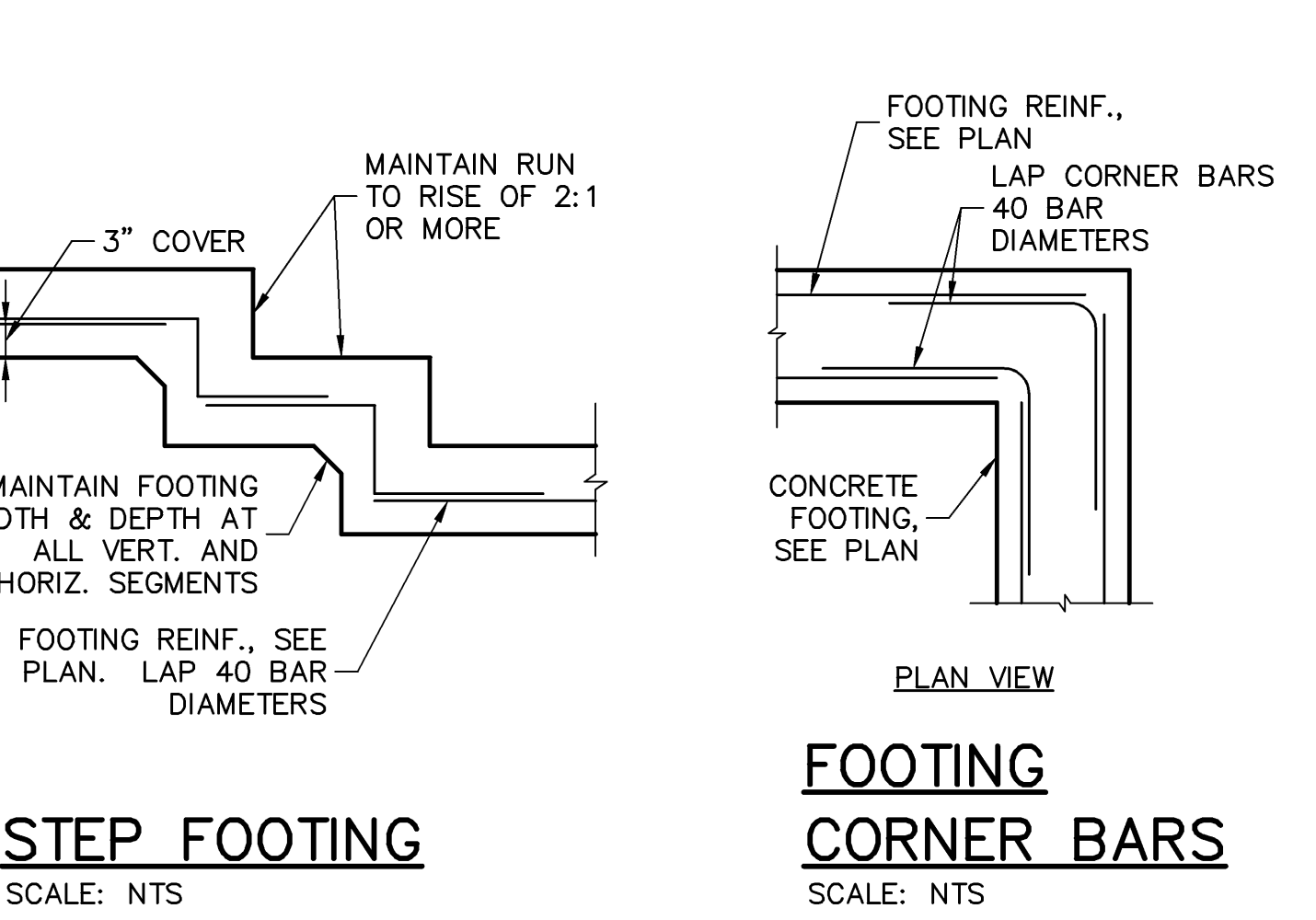
8 **CORNER BAR DETAIL IN BOND BEAMS**
SCALE: 3/4" = 1'-0"



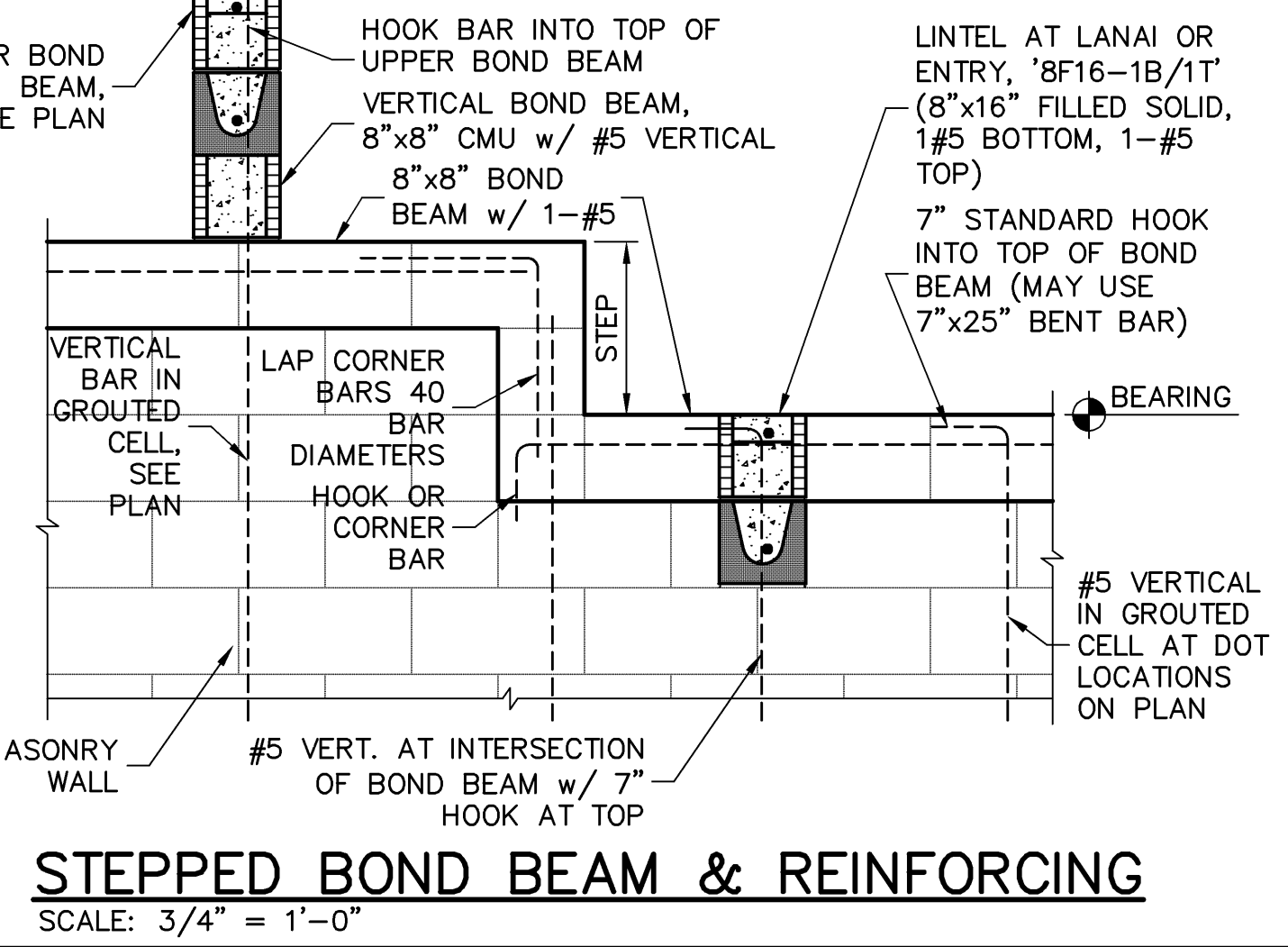
11 **TRUSS STRAP TO BOND BEAM**
SCALE: 3/4" = 1'-0"



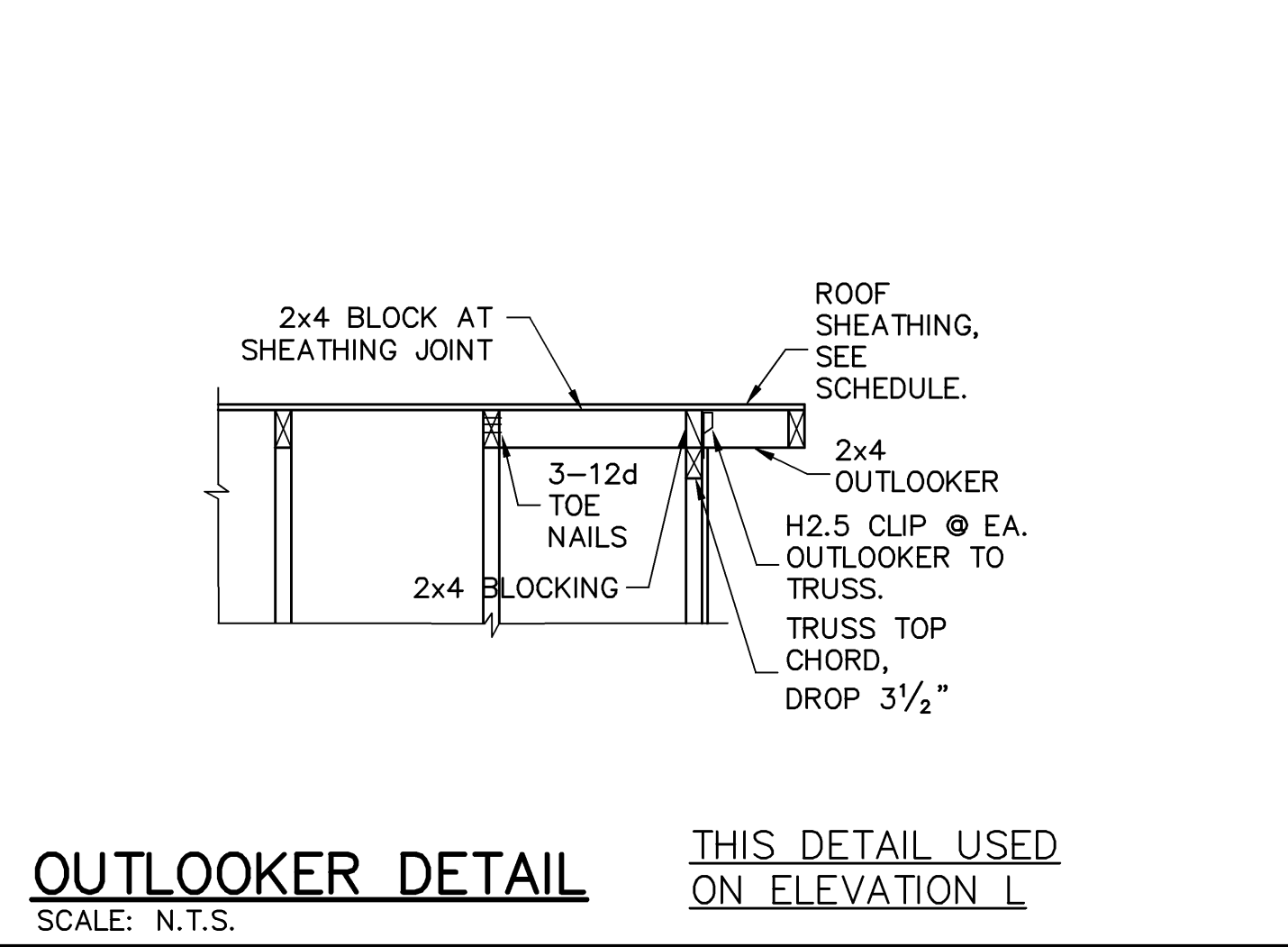
3 **WINDOW/DOOR/SOFFIT DESIGN WIND PRESSURES**



6 **STEP FOOTING**
SCALE: NTS



9 **STEPPED BOND BEAM & REINFORCING**
SCALE: 3/4" = 1'-0"



12 **OUTLOOKER DETAIL**
SCALE: N.T.S.

DESIGN CRITERIA:

DESIGN IN ACCORDANCE WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE 5th EDITION (2014) 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/ TCLL)
CEMENT ROOF TILE DEAD LOAD 25 PSF TOTAL
SHINGLE/METAL ROOFING DEAD LOAD 15 PSF TOTAL
MINIMUM DEAD LOAD FOR WIND: TC 5 PSF, BC 5 PSF

DEFLECTION CRITERIA:
FLOOR L/480 LIVE, L/360 TOTAL
ROOF L/240 LIVE, L/180 TOTAL

2. WIND LOADS:
WIND DESIGN PER ASCE7-10
BASIC WIND SPEED (ASCE7-10) 170 MPH
NOMINAL WIND SPEED (Vasd TABLE R301.2.1.3) 132 MPH
BUILDING CATEGORY II
IMPORTANCE FACTOR 1.00
EXPOSURE B
MEAN ROOF HEIGHT < 30 FT
ROOF PITCH 5/12
ENCLOSURE CLASS ENCLOSED
INTERNAL PRES. COEFF. +/- 0.18
WINDOW/DOOR DESIGN WIND PRESSURE, SEE TABLE IN DETAIL 3.
SOFFITS - PER R703.1.3, ALL SOFFITS SHALL BE CAPABLE OF RESISTING THE DESIGN PRESSURES SPECIFIED IN TABLE R301.2(2) FOR WALLS. PER R616.4, SOFFIT TESTING SHALL USE ASCE7 DESIGN PRESSURES USING 0.6W LOAD FACTOR.

3. REINFORCED CONCRETE:
DESIGN AS PER ACI 318-11
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"
SLAB ON GRADE CENTERED
BEAMS 1 1/2"
COLUMNS 1 1/2"
ALL REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH THE TYPICAL BENDING DIAGRAMS AND PLACING DETAILS OF ACI STANDARDS AND SPECIFICATIONS. ALL REINFORCING STEEL SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES DURING PLACING OF CONCRETE.
REINFORCING STEEL - ASTM A615 GRADE 40 FOR #3
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 ACI 530-11
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 GRADE CONCRETE GROUT. ALL CELLS BELOW FINISHED GRADE SHALL BE GROUTED SOLID. ALL EXTERIOR WALLS SHALL BE REINFORCED FULL HEIGHT AT DOT LOCATIONS ON PLAN. PROVIDE HORIZONTAL JOINT REINFORCEMENT IN WALLS AT 16" OC VERTICALLY, UNLESS NOTED OTHERWISE. IN ADDITION, INSTALL JOINT REINFORCING IN THE FIRST TWO MORTAR JOINTS ABOVE AND BELOW OPENINGS, EXTENDING AT LEAST 24" BEYOND THE OPENING. LAP JOINT REINFORCING 6" MINIMUM.

5. DELEGATED-ENGINEERED WOOD ROOF & FLOOR TRUSSES:
ALL WOOD ROOF AND FLOOR TRUSSES SHALL BE DESIGNED BY A DELEGATED TRUSS ENGINEER PER RULE 61G15-31.003 OF THE FLORIDA ADMINISTRATIVE CODE. ALL TRUSSES SHALL HAVE TEMPORARY BRACING PER "COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES, HIB-91." FOR OTHER BRACING REQUIREMENTS, NOTIFY ENGINEER. PROVIDE PERMANENT BRACING PER TRUSS MFR. SHOP DRAWINGS. IF PERMANENT BRACING IS NOT SPECIFIED, CONTACT ENGINEER.

6. FOUNDATION:
CONVENTIONAL SHALLOW CONCRETE FOOTINGS
SOIL BEARING CAPACITY 2000 PSF
THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL CONDITIONS FOR THE INTENDED STRUCTURE AND ASSUMED SOIL BEARING CAPACITY. IT IS RECOMMENDED THAT A GEOTECHNICAL FIRM BE HIRED TO PERFORM A SITE EVALUATION.

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 61G15-30.005 AND 61G15-31.003.

REVISIONS	BY

STRUCTURAL ENGINEERING:
STRUCTURAL SYSTEMS OF NORTH FLORIDA
1634 S.E. 47th STREET, SUITE #2
CAPE CORAL, FL 33904
(239) 549-4554
CA# 8629

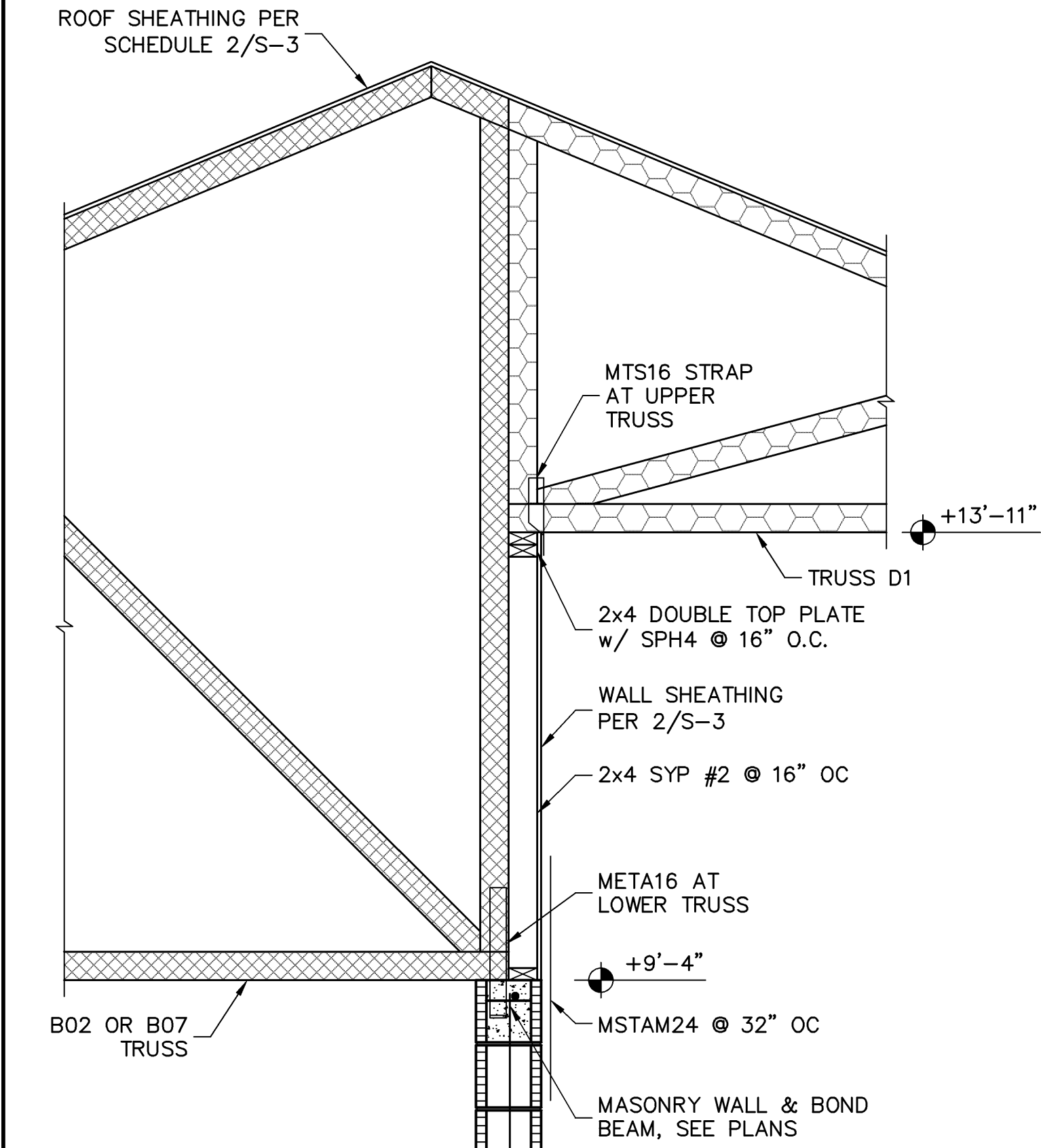
DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 5th EDITION (2014) RESIDENTIAL

BUILDER:
D.R. HOHON
America's Builder

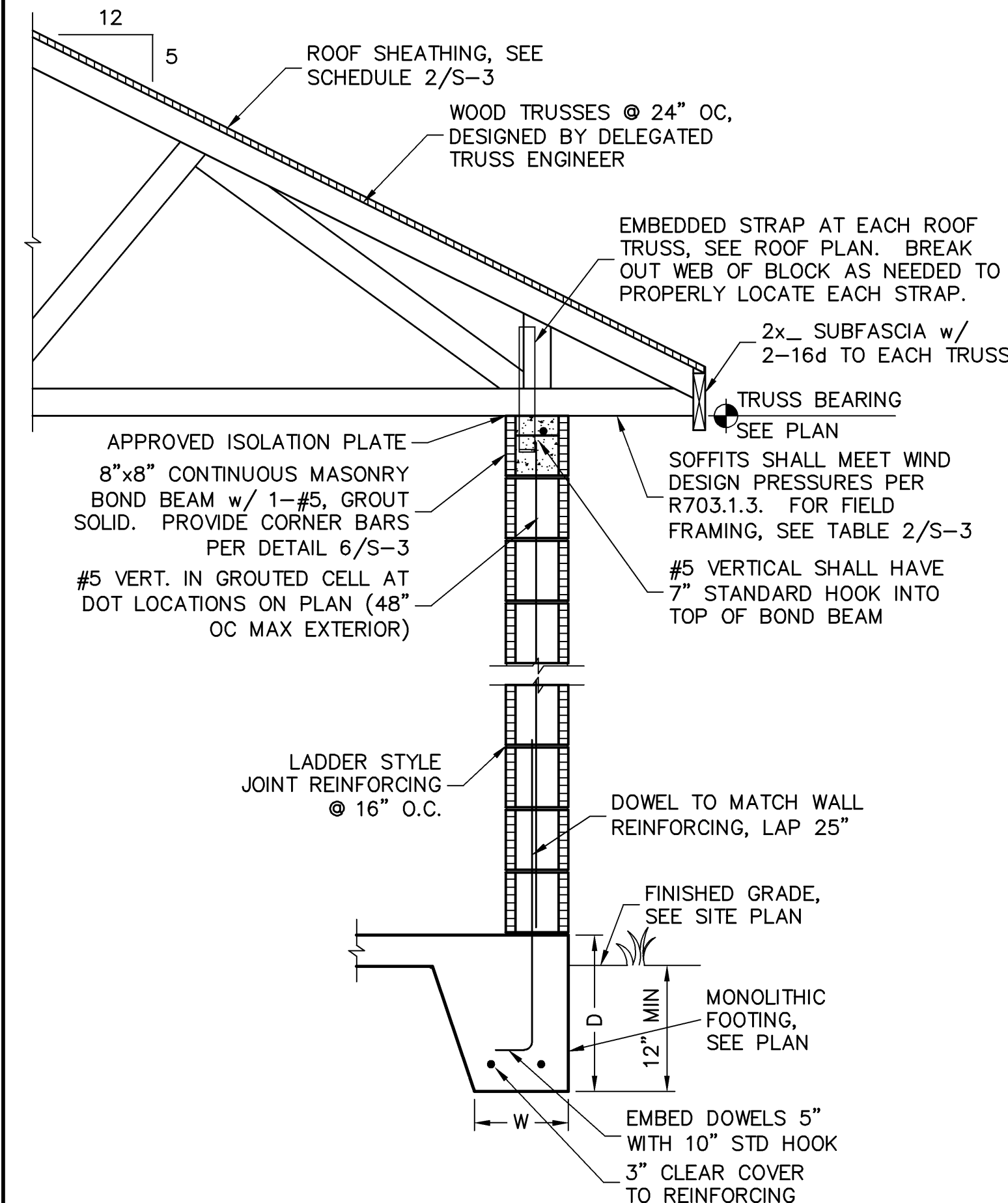
STRUCTURAL DETAILS FOR
MODEL 2431 F
14607 TOPSAIL DRIVE
NAPLES, FLORIDA
SUBDIVISION: NAPLES RESERVE

DESIGN/DRAWN
DWB/DWB
CHECKED
DWB
DATE
03/08/17
SCALE
AS NOTED
JOB NO.
DR9749
SHEET
S-3
SHEET 3 OF 4

FOR PROBUILD TRUSS, 170 MPH, EXPOSURE B, F, ELEVATION, JOB # MASTER, DATED: 08/23/16, REVISED: NONE

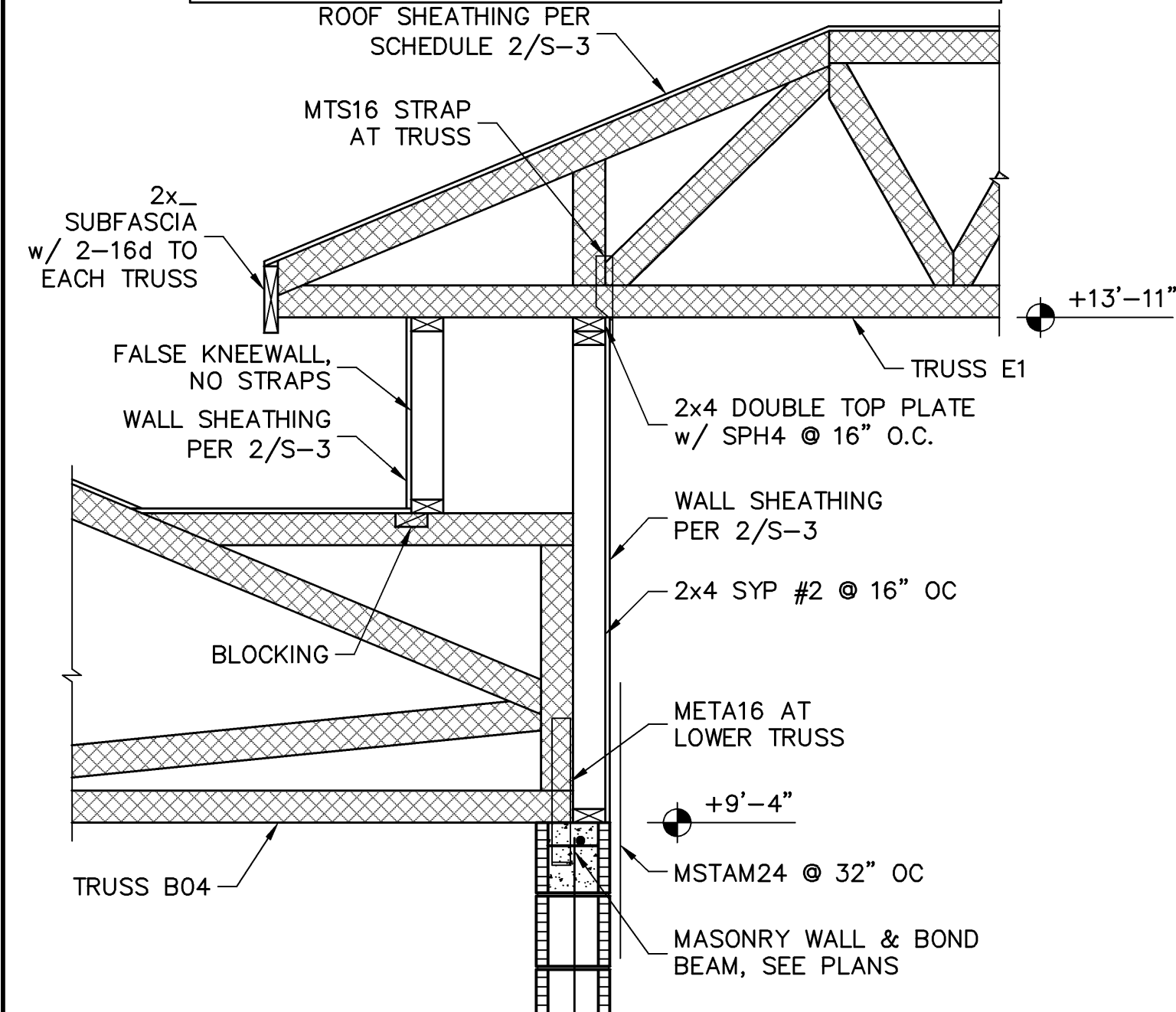


1 **KNEEWALL @ ENTRY**
SCALE: 3/4" = 1'-0"
THIS DETAIL USED ON ELEVATION E



2 **FULL HEIGHT WALL SECTION**
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" 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).



3 **KNEEWALL @ ENTRY**
SCALE: 3/4" = 1'-0"
THIS DETAIL USED ON ELEVATION F

FOR PROBUILD TRUSS, 170 MPH, EXPOSURE B, F, ELEVATION, JOB # MASTER, DATED: 08/23/16, REVISED: NONE

DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 5th EDITION (2014) RESIDENTIAL

BUILDER:

D.R. HOHON PH
America's Builder

**STRUCTURAL DETAILS FOR
MODEL 2431 F**
14607 TOPSAIL DRIVE
NAPLES, FLORIDA
SUBDIVISION: NAPLES RESERVE

DESIGN/DRAWN
DWB/DWB
CHECKED
DWB
DATE
03/08/17
SCALE
AS NOTED
JOB NO.
DR9749
SHEET

S-4
SHEET 4 OF 4

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