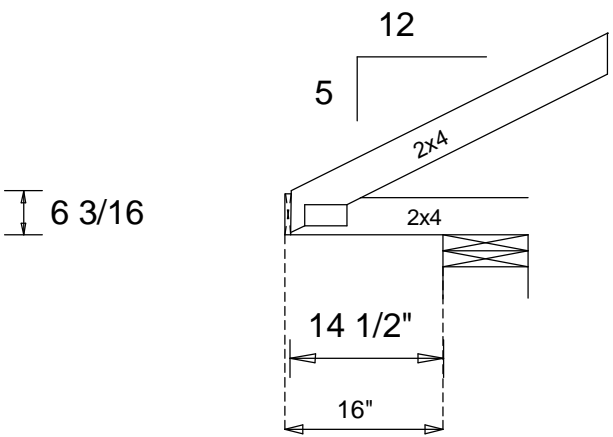


Typical End
Special



NOTE: NO MECHANICAL EQUIPMENT LOADS
IN OR HUNG FROM TRUSSES
ie: AIR HANDLERS OR WATER HEATERS

FRAME DOWN BY G.C.
AS REQUIRED FOR COFFER

ALL LANAI'S AND ENTRIES ARE
DESIGNED PARTIALLY ENCLOSED

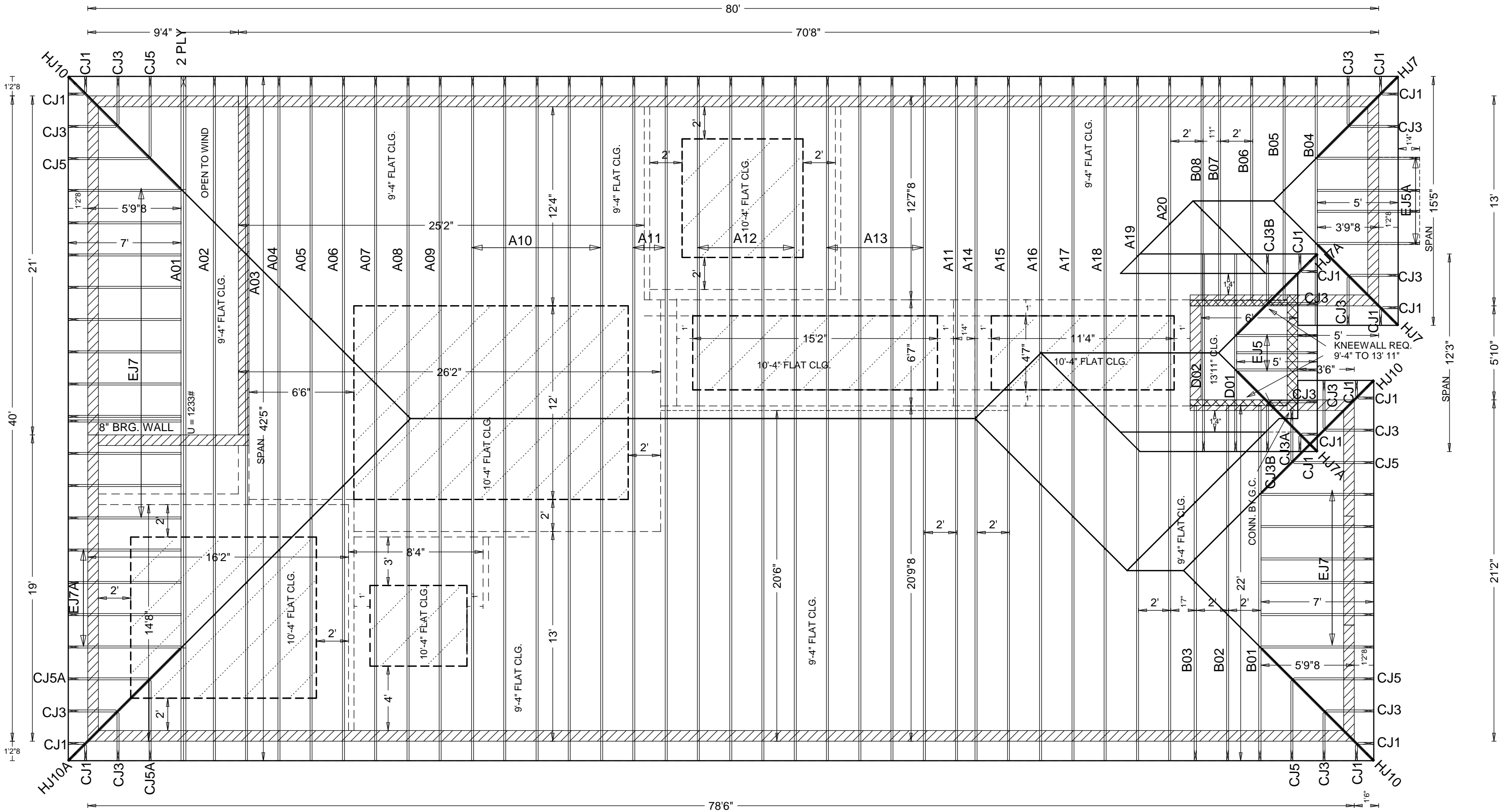
STRUCTURAL FASCIA BY G.C.
AS REQ BY ENGINEERING

NOTE:
TYP. 2X4 OUTLOOKERS
ALL DROP GABLES

BEARING KEY

9'-4" A.F.F.

13' 11" A.F.F.



Uplift & Reaction Key
(1) = Uplift From 1,000# to 1,195#
(2) = Uplift From 1,196# to 2,390#
(3) = Uplift From 2,391# to 3,685#
(4) = Uplift From 3,686# to 5,000#
(5) = Uplift => 5,000#
(*) = Vertical Reaction => 5,000#
See Reaction List and Shop Drawings

Hanger Key

(A)=LUS24 (F)=HGUS28-3 (K)=SUL26
(B)=HUS26 (G)=GTU80 (L)=SUR26
(C)=HHUS28 (H)=THGBH3 (M)=HHUS46
(D)=HHUS28-2 (I)=THGBH4 (N)=THA422
(E)=HGUS28-2 (J)=THJA26
Truss - to - Truss Connection.
*** All Hangers are HUS26
Unless Otherwise Noted.

Design Criteria

MWFRS and COMPONENTS & CLADDING

Wind Load Type : ASCE 7-10

Building Type : Enclosed

Building Exposure : B

Usage : Cat II Residential 1.0

Bottom Chord Analyzed with 10 PSF Non-Concurrent
Live Load and 20 PSF Concurrent Live Load on
Trusses Designed with Storage as Specified on
Layout See Shop Drawings for Specifics.

GRAVITY			WIND		
TC LL	20	PSF	TC DL	5	PSF
TC DL	20	PSF	BC DL	5	PSF
BC DL	10	PSF	TOTAL 10 PSF		
TOTAL 50 PSF					

DURATION= 1.25 WIND = 160 MPH

Spacing = 24 " O.C.

Your Signature WILL Acknowledge:

- 1) Authorization for FABRICATION.
- 2) Verification of ALL Dimensions, Conditions, and Trusses. Trusses will be made in STRICT Accordance with this Placement Plan. It is YOUR responsibility to check this plan.
- 3) Erection of trusses per TPI Bulletin BCS1-B1
- 4) ALL permanent and temporary bracing, is CONTRACTOR'S responsibility.
- 5) Any Valleys or Ceiling drops NOT provided by Truss Plant are to be FIELD FILLED by Contractor.
- 6) Truss Plant supplies only TRUSS to TRUSS Connections.
- 7) NO back charges or crane charges of any kind will be accepted unless SPECIFICALLY AUTHORIZED in writing by Truss Plant Management.
- 8) Hip Jacks & Corner Jacks are DOUBLE beveled @ 45. Jacks requiring an angle other than this are to be cut in field by OTHERS.

Signed: _____
Return One Approved Placement Plan
Date: _____ Scheduling will NOT start until RETURNED!!

Revisions

#	Date	Remarks	Int.

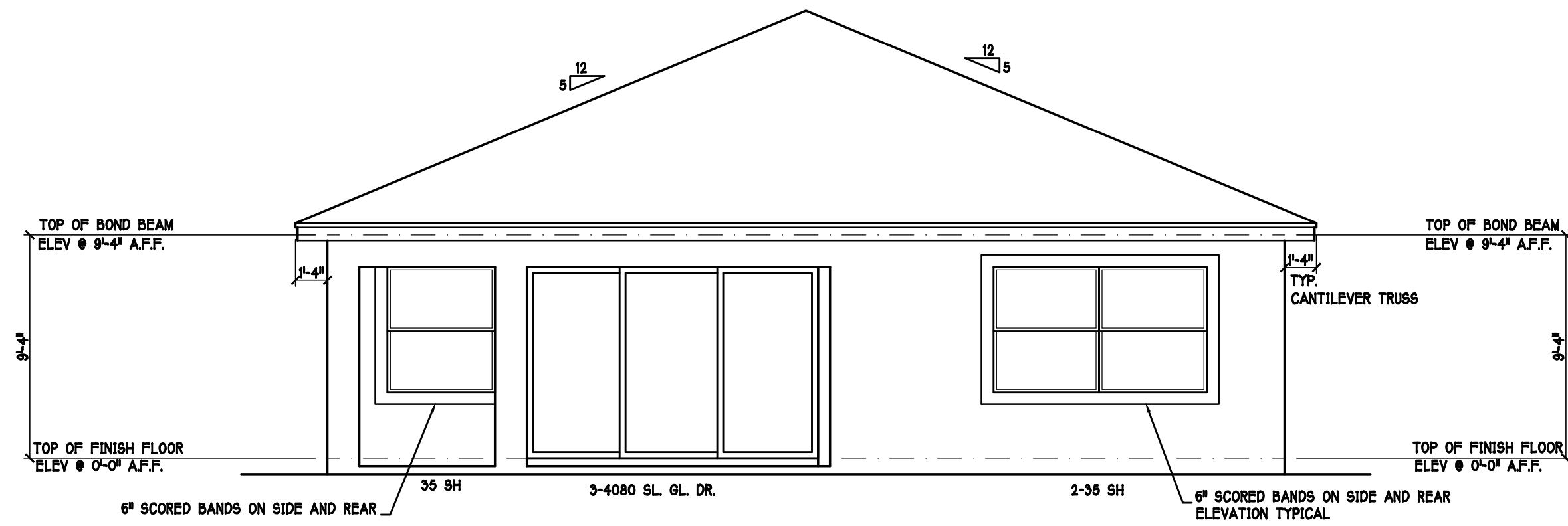
Raymond Building Supply Corp

	North Fort Myers 7751 Bayshore Rd. N. Fort Myers, FL 33917 Tel (239) 731-8300 Fax (239) 731-0383
	North Port Tel (941) 429-1212
	Naples Tel (239) 348-7272

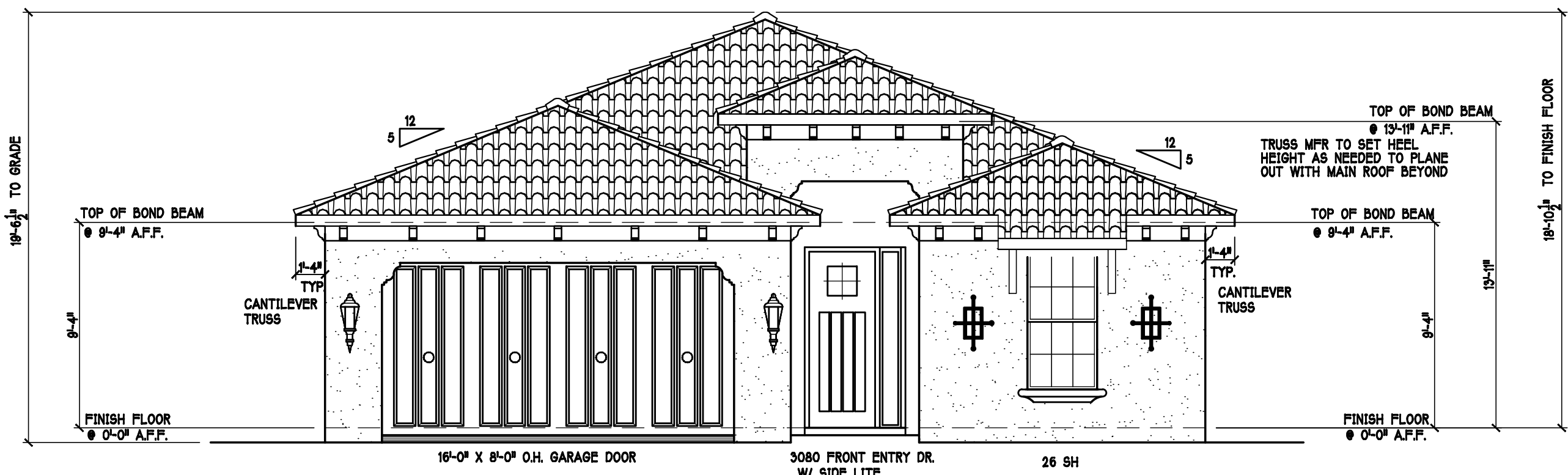
Job Information

RBS# : 13050802M8
Builder: D.R. HORTON
Owner :
County :
City :
Address :
Lot :
Block :
Sub :
Model : 2431-M

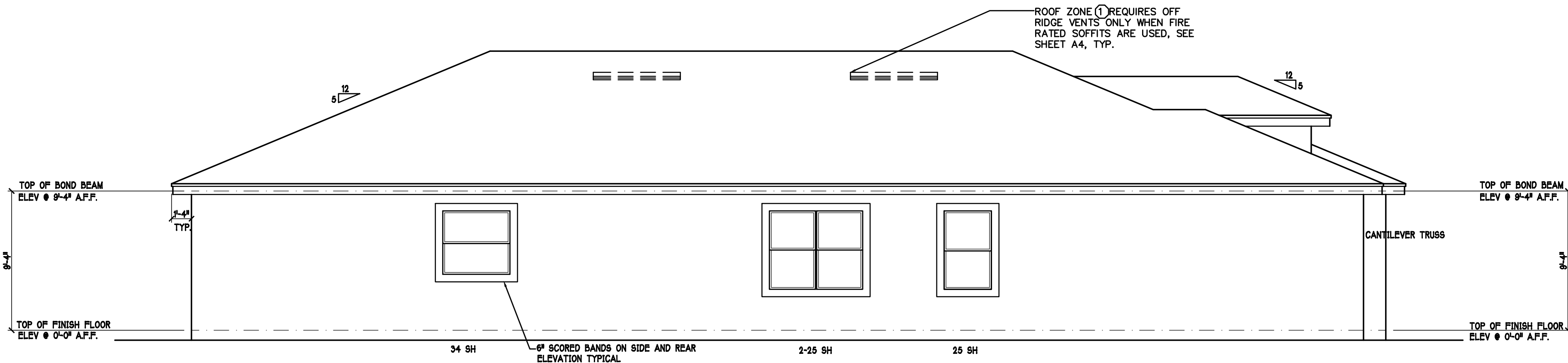
Roof Covering: SHINGLE/TILE
Scale : 3/16" = 1'-0"
Date : June 17, 2014
Drawn By: Ramiro Chavez



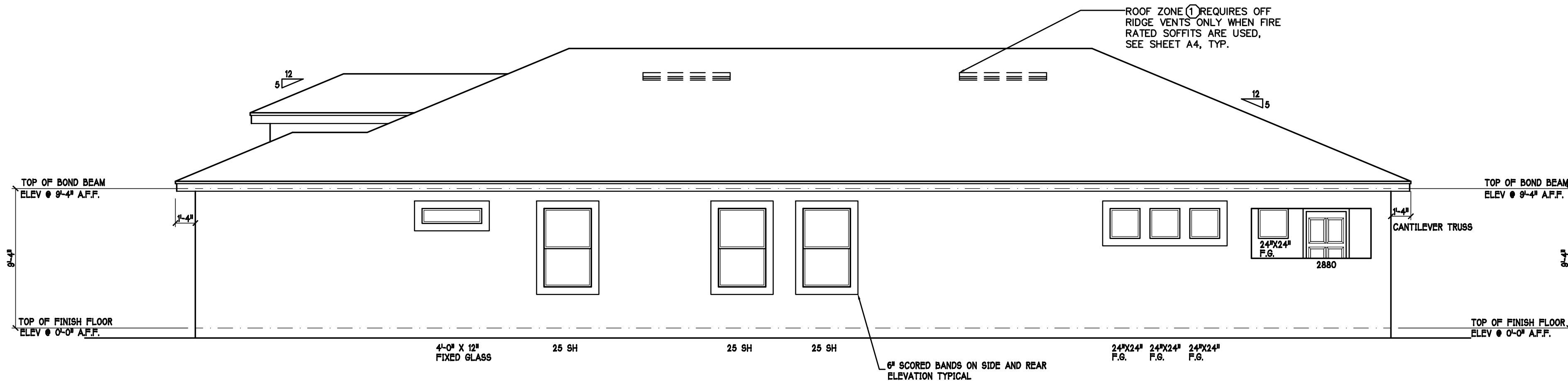
REAR ELEVATION: "M" SCALE: 3/16" = 1'-0"



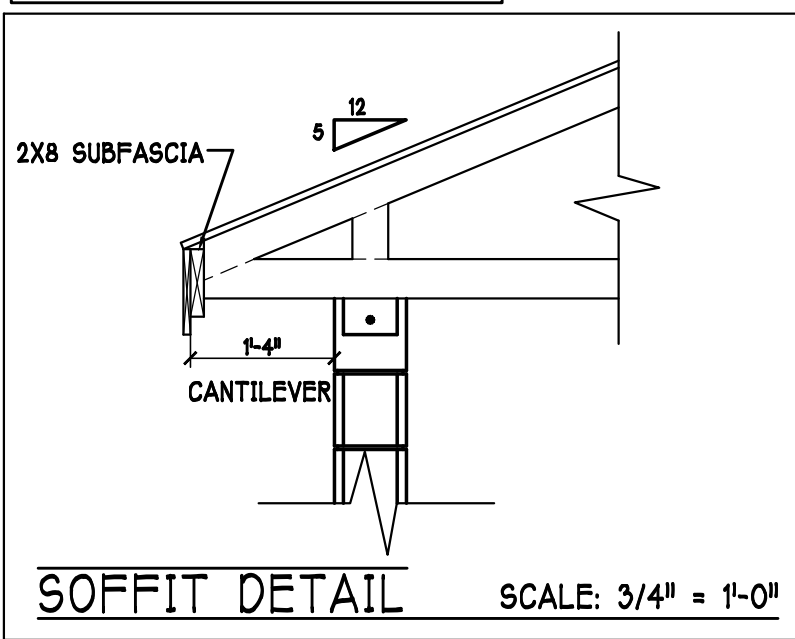
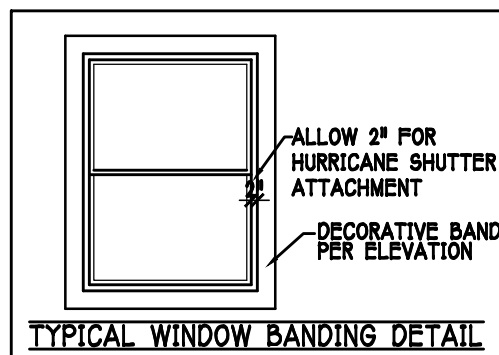
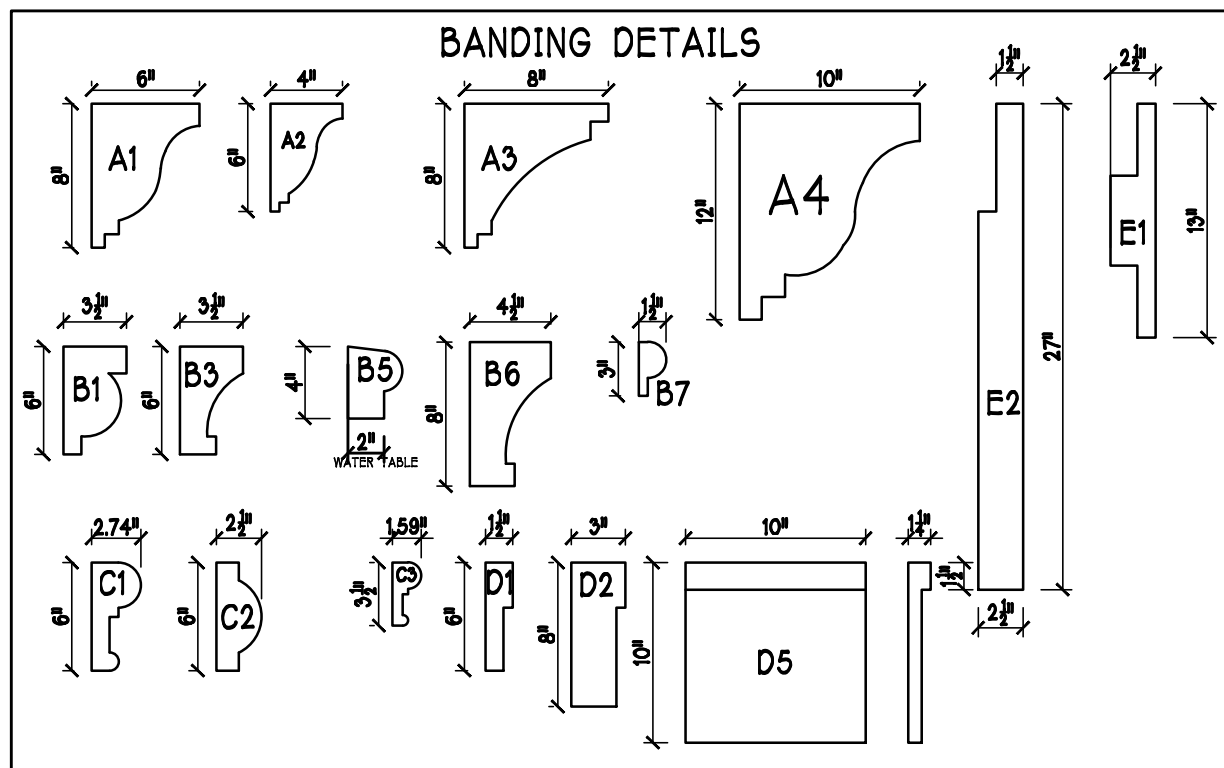
FRONT ELEVATION: "M" SCALE: 3/16" = 1'-0"



LEFT SIDE ELEVATION: "M" SCALE: 1/4" = 1'-0"



RIGHT SIDE ELEVATION: "M" 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

MODEL:
UNIT 2431

RESIDENCE FOR:
SPEC

LOT: 103 BLOCK:
SUBDIV: BARRINGTON COVE
ADDRESS: 16281 ABERDEEN WAY
C.C.D.#: 9260 D.R.H.#: 578140103

DATE:
02-29-16

DRAWN BY:
CWL

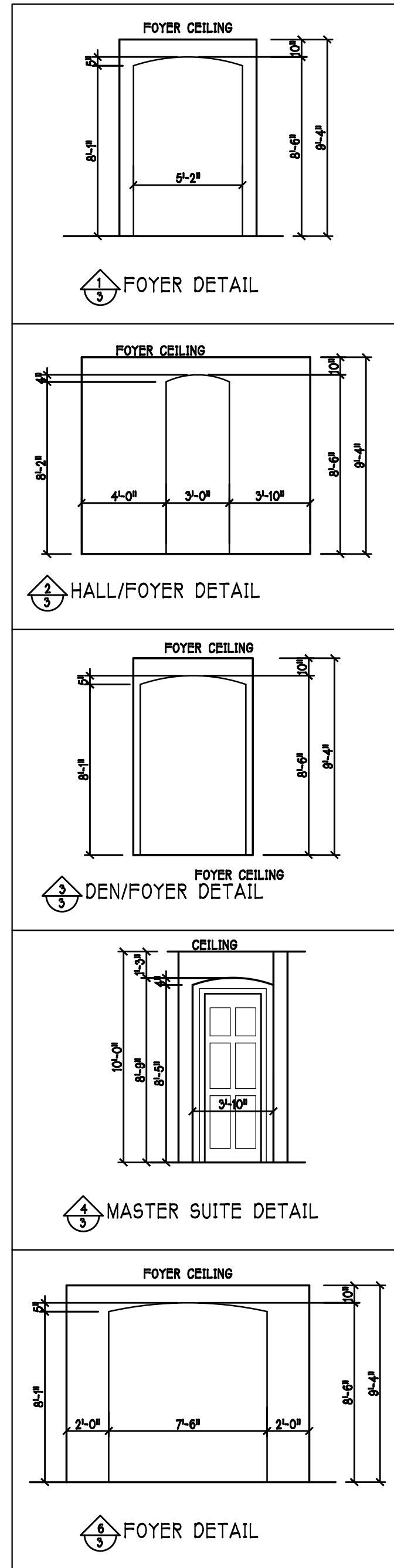
CHECKED BY:
JWC

REVISED:

PLAN:
ELEVATIONS

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

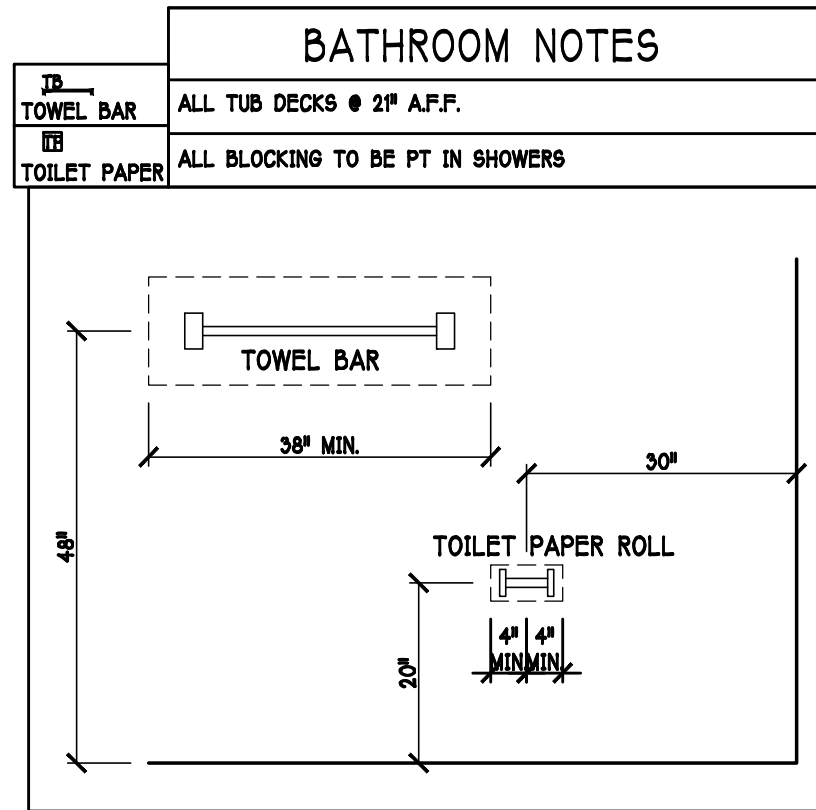
SHEET#
A-1 M



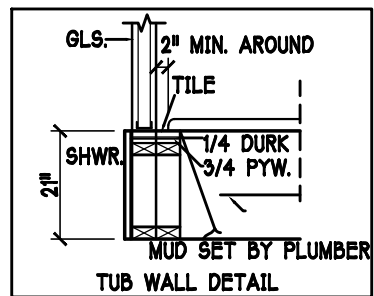
D R HORTON					
MARK	SIZE CODE	PRODUCT DESCRIPTION	DOOR WIDTH	DOOR HEIGHT	COMMENTS
1	OVERHEAD	GARAGE DOOR	182	96	
2	3080 ENTRY DR.	DISTINCTION	36	96	
3	2880 EXT. DOOR	DISTINCTION	30	96	
SEE NOTE 1					3

D R HORTON					
MARK	SIZE CODE	PRODUCT DESCRIPTION	DOOR WIDTH	DOOR HEIGHT	COMMENTS
A	35 SH		54	63	
B	25 SH		38	63	
C	48" X 12" F.G.	FIXED GLASS	48	12	TEMPERED
D	34 SH		54	51	
E	2-35 SH		108	63	
F	3-4080 SL. GL. DR.	SL. GL. DR.	108	96	
G	12" X 96" SIDE LITE		12	96	
H	2-25 SH		76	63	
I	2-0" X 2-0" FIXED GLASS		24	24	
J	26 SH		38	78	
SEE NOTE 1					15

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



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

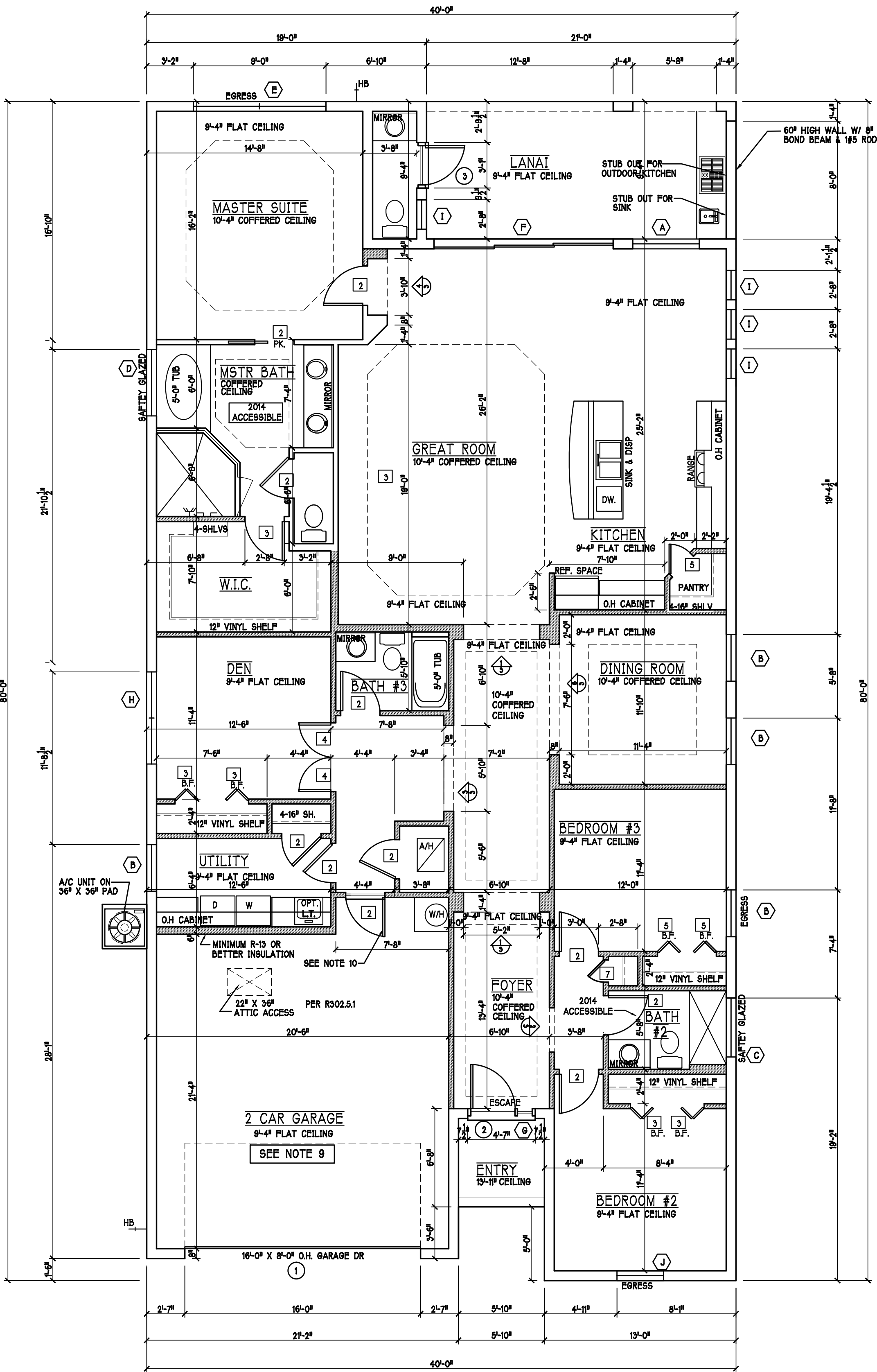


DOOR HEADERS		
6'-8" BIFOLD	HEADER HEIGHT	82" A.F.F.
6'-8" SWING	HEADER HEIGHT	82 1/2" A.F.F.
8'-0" SWING	HEADER HEIGHT	98 1/2" A.F.F.

- 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 THAN 1/2" GYPSUM BOARD APPLIED TO THE GARAGE SIDE. GARAGES BENEATH HABITABLE ROOMS SHALL BE SEPARATED WITH NOT LESS THAN 5/8" TYPE "X" GYPSUM BOARD OR EQUIVALENT. WHERE THE SEPARATION IS A FLOOR - CEILING ASSEMBLY THE STRUCTURE SUPPORTING THE SEPARATION SHALL ALSO BE PROTECTED BY NOT LESS THAN 1/2" GYPSUM BOARD OR EQUIVALENT
 - INSTALL 1 3/8" THICK SOLID WOOD DOOR BETWEEN LIVING AND GARAGE PER FLORIDA BUILDING CODE R302.5.1, DOOR SHALL BE SELF CLOSING PER R302.5.1
 - ALL WINDOWS INSTALL 72" ABOVE GRADE MUST COMPLY WITH R 502.2 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 (4)-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	

SQUARE FOOTAGE	
LIVING AREA	2491
GARAGE AREA	476
LANAI AREA	96
ENTRY AREA	36
TOTAL AREA	3198



1st 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

UNIT 2431

MODEL:

RESIDENCE FOR:

SPEC

LOT: 103

BLOCK:

SUBDIV: BARRINGTON COVE

ADDRESS: 16281 ABERDEEN WAY

G.C.D.#: 9260

D.R.H.#: 578140103

DATE: 02-29-16

DRAWN BY: CWL

CHECKED BY: JWC

REVISED:

PLAN: FLOOR

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

SHEET#

A-3M

ATTIC AREA		WITHOUT OFF RIDGE VENTS		WITH OFF RIDGE VENTS [O.R.V.]	
verify venting requirements with energy calculations		VENTILATION REQUIRED [ATTIC AREA 1/50]		VENTILATION REQUIRED [ATTIC AREA 1/900 INSTALL PER FBC 9002.2 MINIMUM AREA REQUIREMENTS]	
mark	square footage	soffit vents	MIN AIR FLOW OR SOFFIT	total ventilation	MIN AIR FLOW OR SOFFIT
①	3138 SQ. FT.	20.9 SQ. FT.	6.0%		
		ATTIC VENTILATION CALCULATION: attic sq. ft. / 150 = vented sq. ft.		ATTIC VENTILATION CALCULATION: attic sq. ft. / 300 = vented sq. ft.	

8'-0" BASE

2'-0" BASE

146 SQ. FT.
FREE AREA

3'-0" BASE

3'-0" BASE

90. FT.
FREE AREA

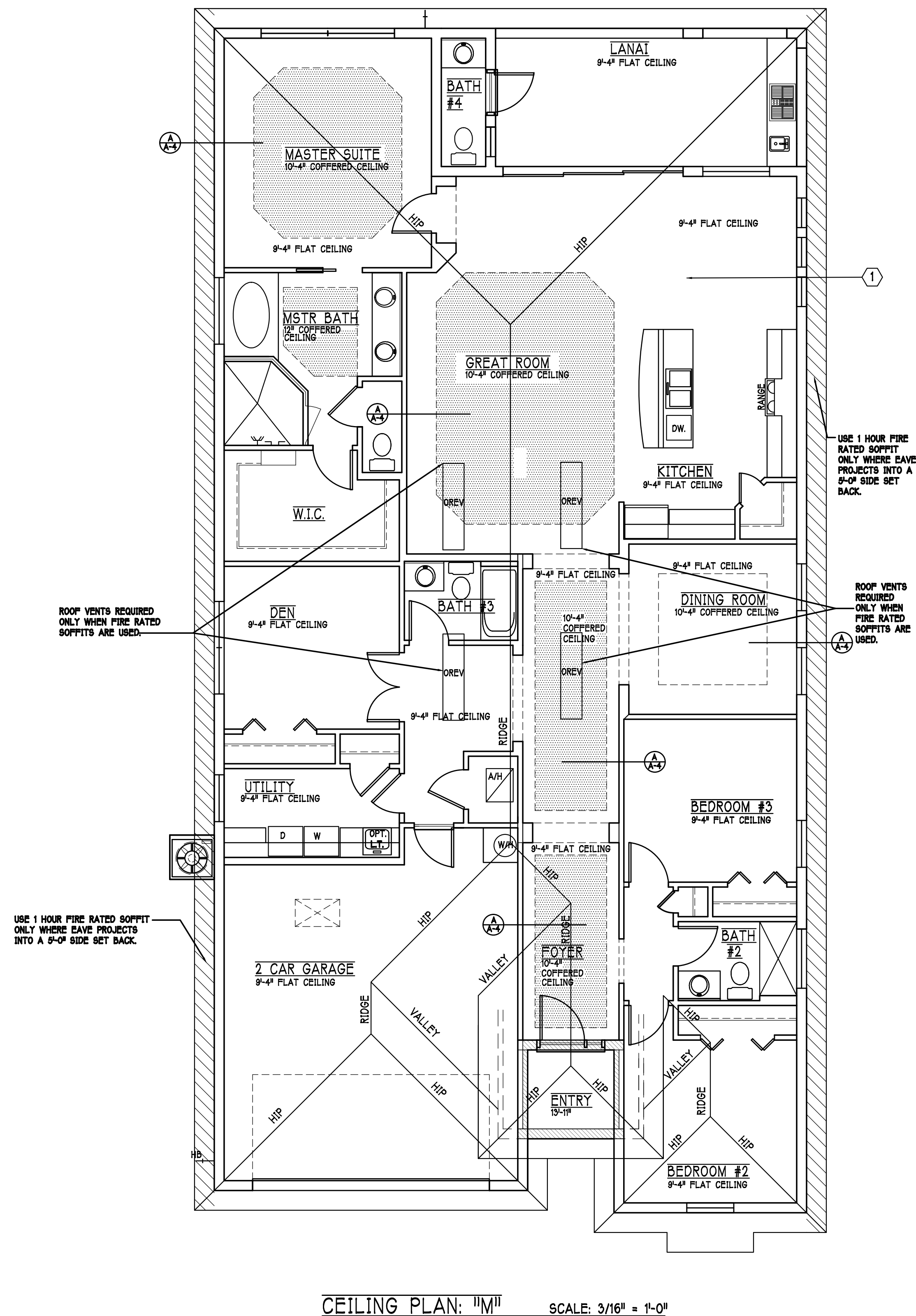
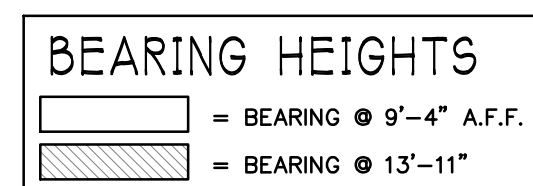
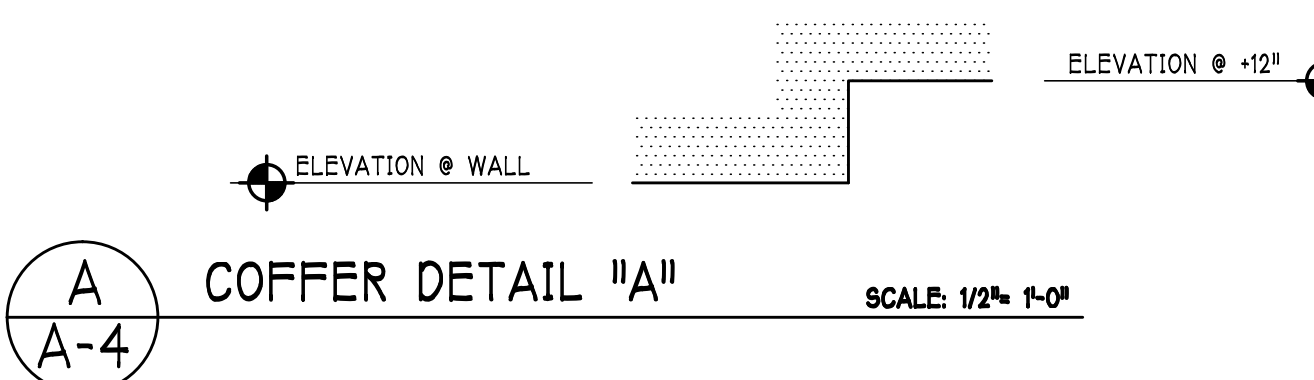
1'-0" BASE

1'-0" BASE

36 SQ. FT.
FREE AREA

OFF RIDGE EXHAUST VENT SIZES
(AREA NET FREE SQUARE FEET)
SCALE: 1/4"=1'-0"

verify venting requirements with energy calculations				WITHOUT OFF RIDGE VENTS		WITH OFF RIDGE VENTS	
ATTIC AREA (FBC R806)		VENTILATION REQUIRED (ATTIC AREA 1/150)		VENTILATION REQUIRED (ATTIC AREA 1/300 INSTALLED PER FBC R806.2 MINIMUM AREA REQUIREMENTS)			
mark	square footage	soffit vents	MIN AIR FLOW OF SOFFIT	total ventilation	off ridge vents		
①	3158 SQ. FT.	DOES NOT QUALIFY		10.5 SQ. FT.	5.2 SQ. FT.		3.3%
ATTIC VENTILATION CALCULATION: attic sq. ft. / 150 = vented eq. ft.				ATTIC VENTILATION CALCULATION: attic sq. ft. / 300 = vented eq. ft.			
<p>6'-0" BASE 2'-0" BASE 145 SQ. FT. FREE AREA</p>				<p>2'-0" BASE 2'-0" BASE 1.90 SQ. FT. FREE AREA</p>		<p>1'-0" BASE 1'-0" BASE .38 SQ. FT. FREE AREA</p>	
<p>OFF RIDGE EXHAUST VENT SIZES (AREA NOT FREE SQUARE FEET) SCALE: 1/4"=1'-0"</p>							



D·R·HORTON NYSE
DRI
America's Builder

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

UNIT 2431

MODEL:

RESIDENCE FOR:

LOT: 103	BLOCK:
SUBDIV: BARRINGTON COVE	
ADDRESS: 16281 ABERDEEN WAY	
G.C.D.# 9260	D.R.H.#: 578140103

DATE:	02-29-16
DRAWN BY:	CWL
CHECKED BY:	JWC
REVISED:	

PLAN:	ROOF & CEILING
SCALE:	3/16"=1'-0"
SHEET#	A-4M

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

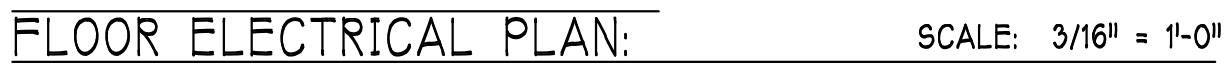
200 Amp Service			
TAG	QUANTITY	PRODUCT	PRODUCT #
A	(38)	Recessed Cans	
B	(4)	Vapors	
C	(1)	Pendant/Nook	P4070-09
D	(X)	10" Mushrooms	P3410-30
E	(3)	24" Avalon 3 LT	P3268-09
F	(2)	36" Avalon 4 LT	P3269-09
G	(X)	NOT USED	NOT USED
H	(3)	Coach Lights	P5815-30
J	(X)	Coach Lights	P5683-30
K	(X)	J BOX	
L	(4)	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

	ELECTRICAL METER
	ELECTRICAL PANEL
	120 V JUNCTION BOX
	SINGLE RECEPTACLE OUTLET
	220 V RECEPTACLE OUTLET
	4-POLE 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
	ADDC SMOKE DETECTOR TO AN 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 ILLC 38-0-0-073
	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

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

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

INSTALL ALL ELECTRICAL PER NEC 2011



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

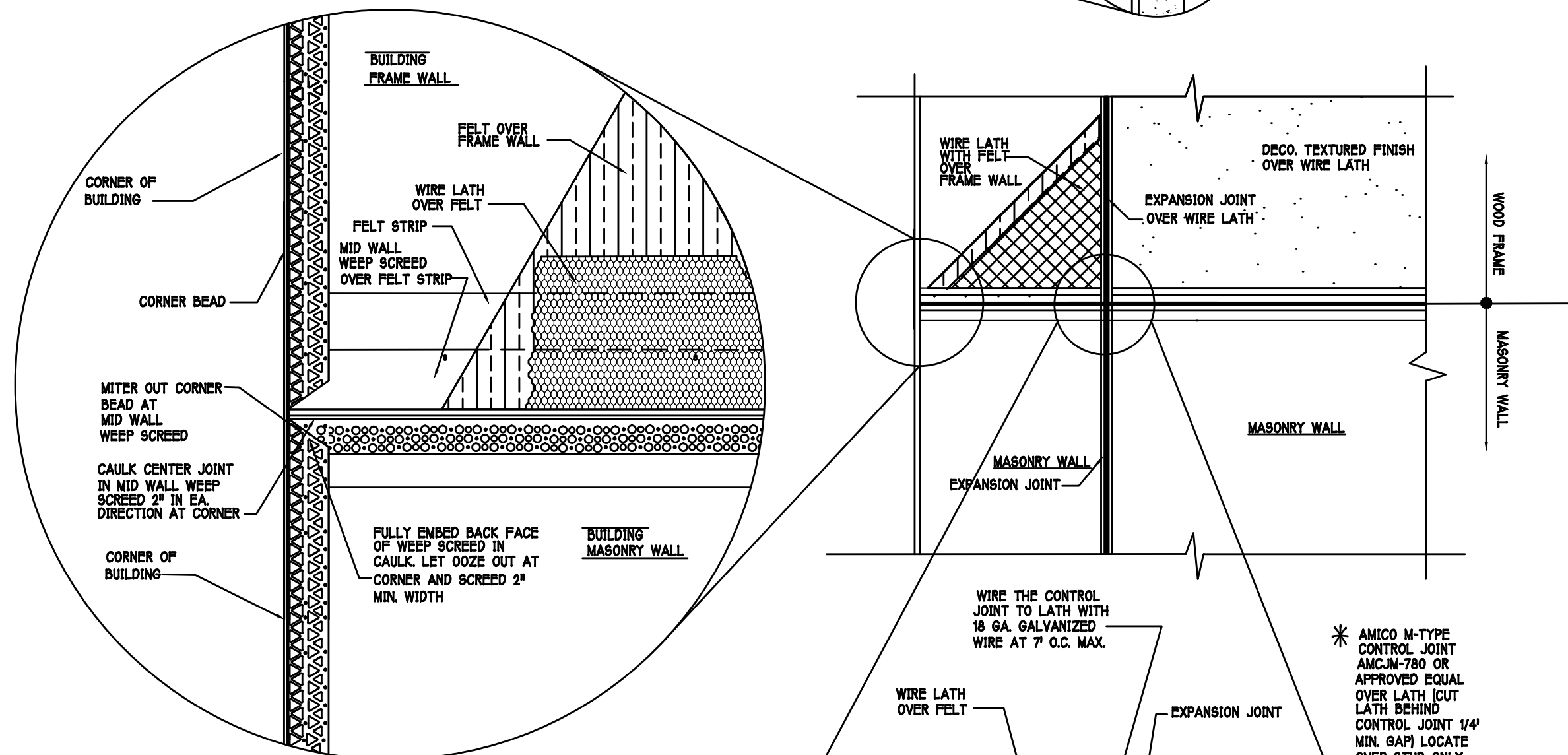
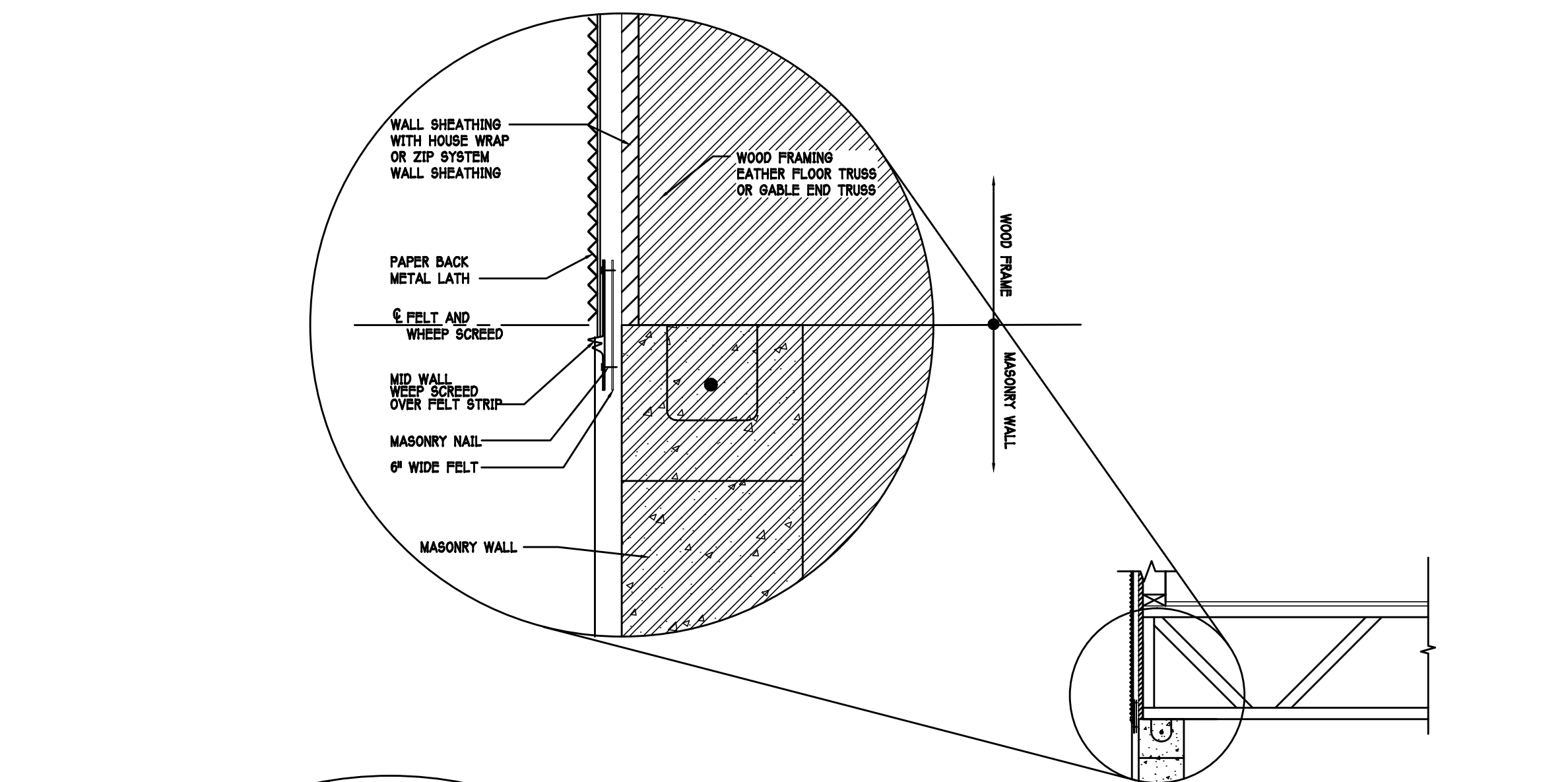
MODEL:

LOT: 103	BLOCK:
SUBDIV: BARRINGTON COVE	
ADDRESS: 16281 ABERDEEN WAY	
G.C.D.#: 9260	D.R.H.#: 5781401

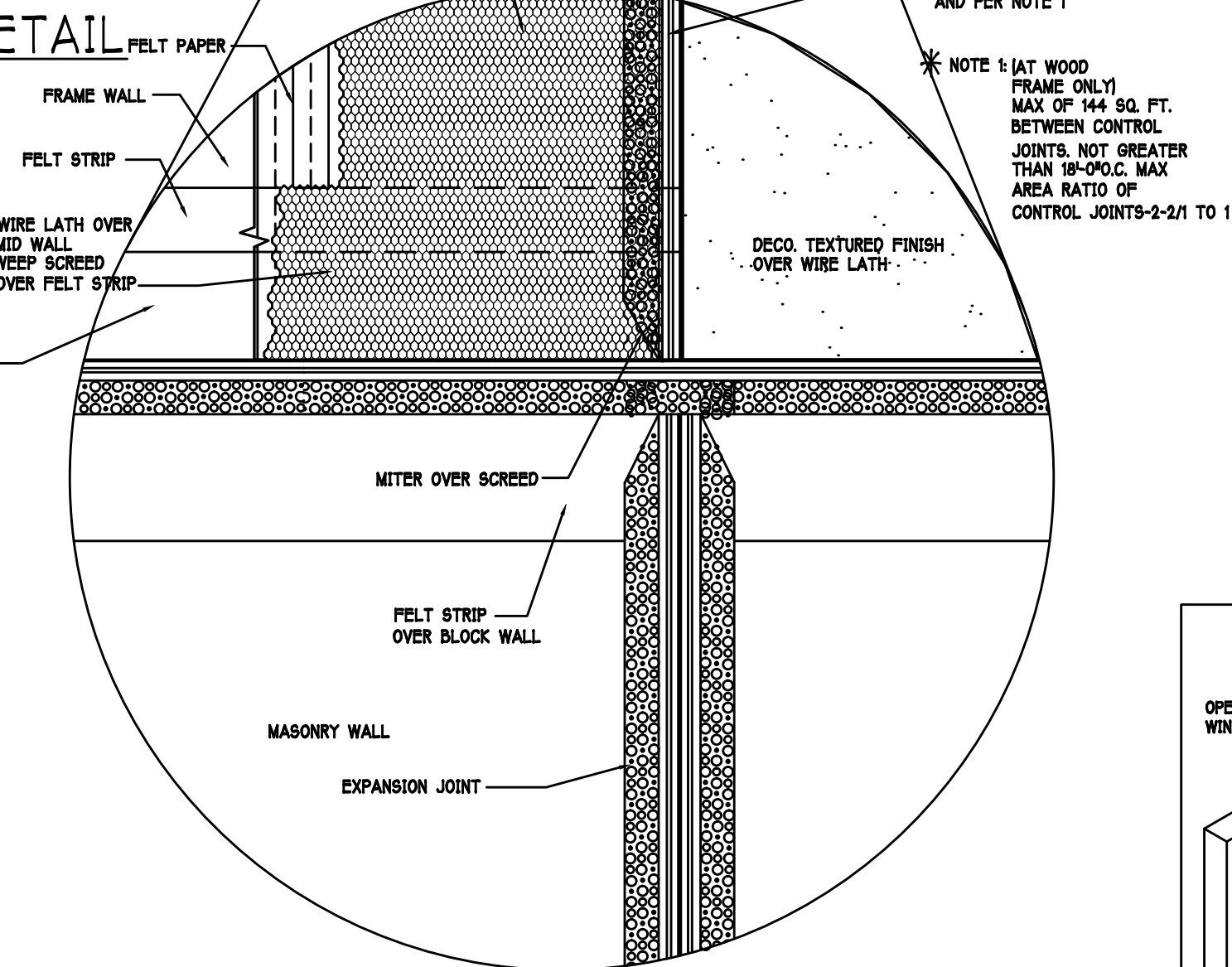
DATE:	02-29-16
DRAWN BY:	CWL
CHECKED BY:	JWC
REVISED:	
PLAN:	ELECTRICAL
SCALE:	3/16"=1'-0"
SHEET#	

A-5 M

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

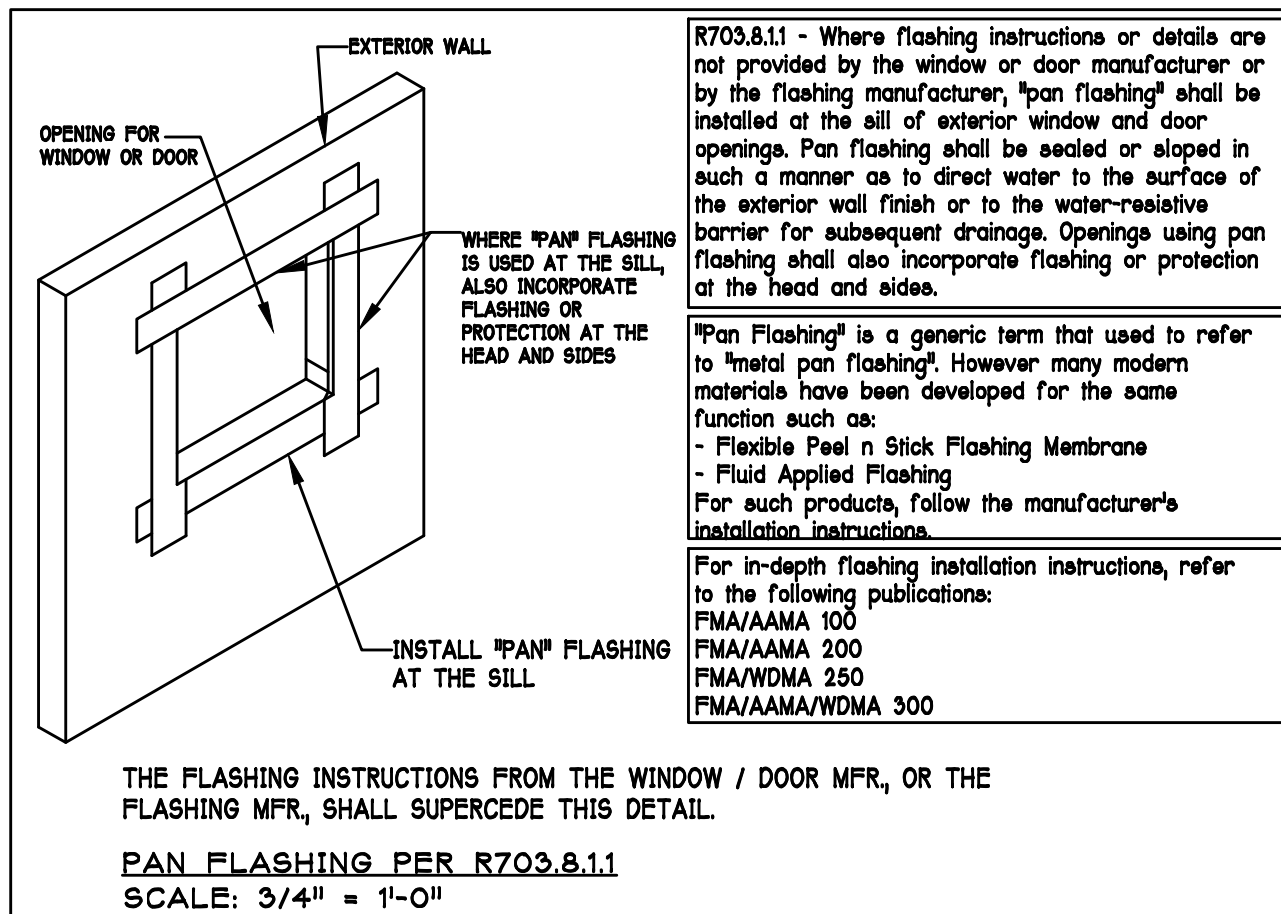


MID WALL WEEP SCREED DETAIL



WEEP SCREED DETAIL

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



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 2000 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\"/>

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\"/>

ASPHALT SHINGLE ROOF SPECS

SHINGLES 1/4\"/>

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 (0.106 inches) with a minimum 3/8 inch diameter head and shall be of 5 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.

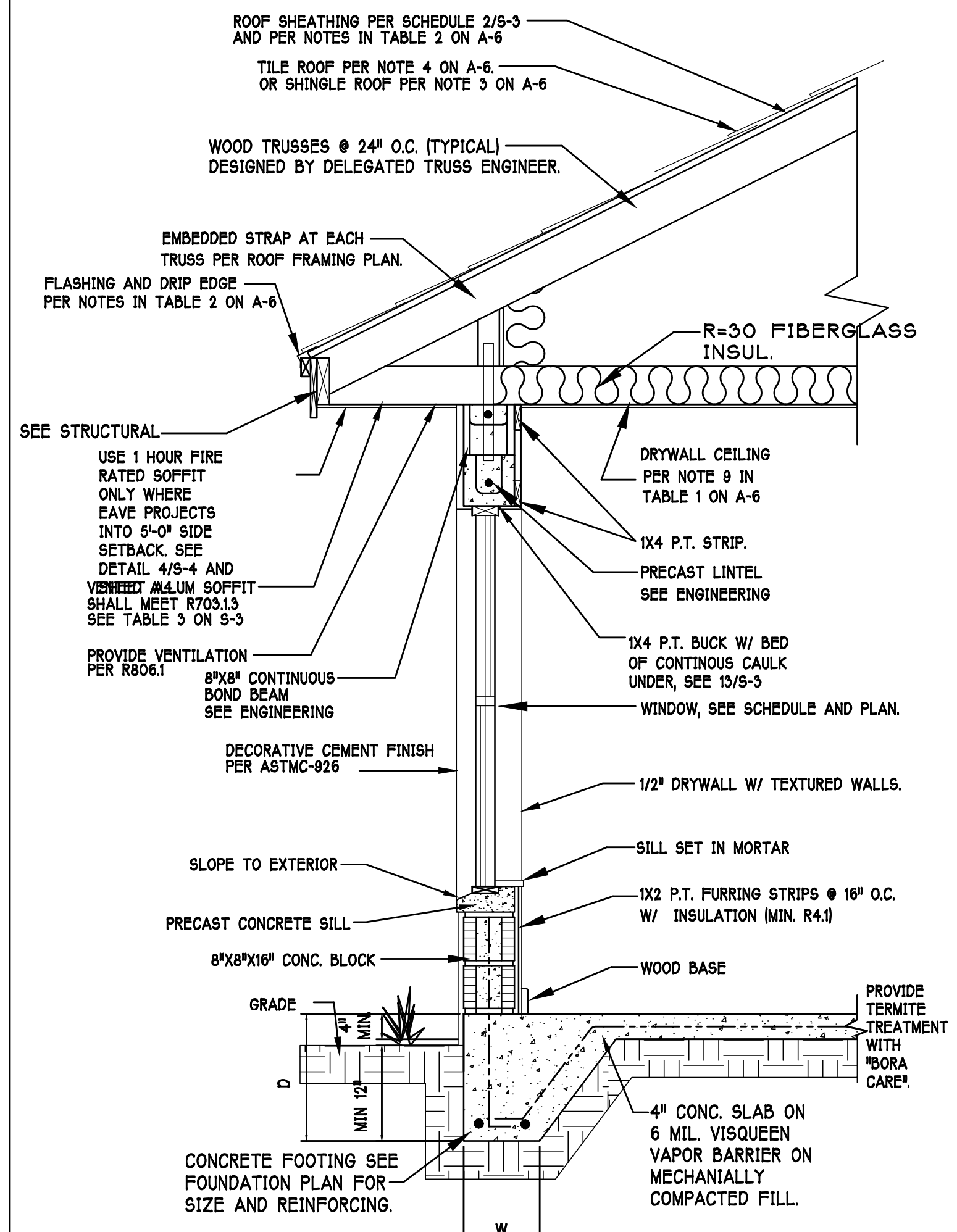
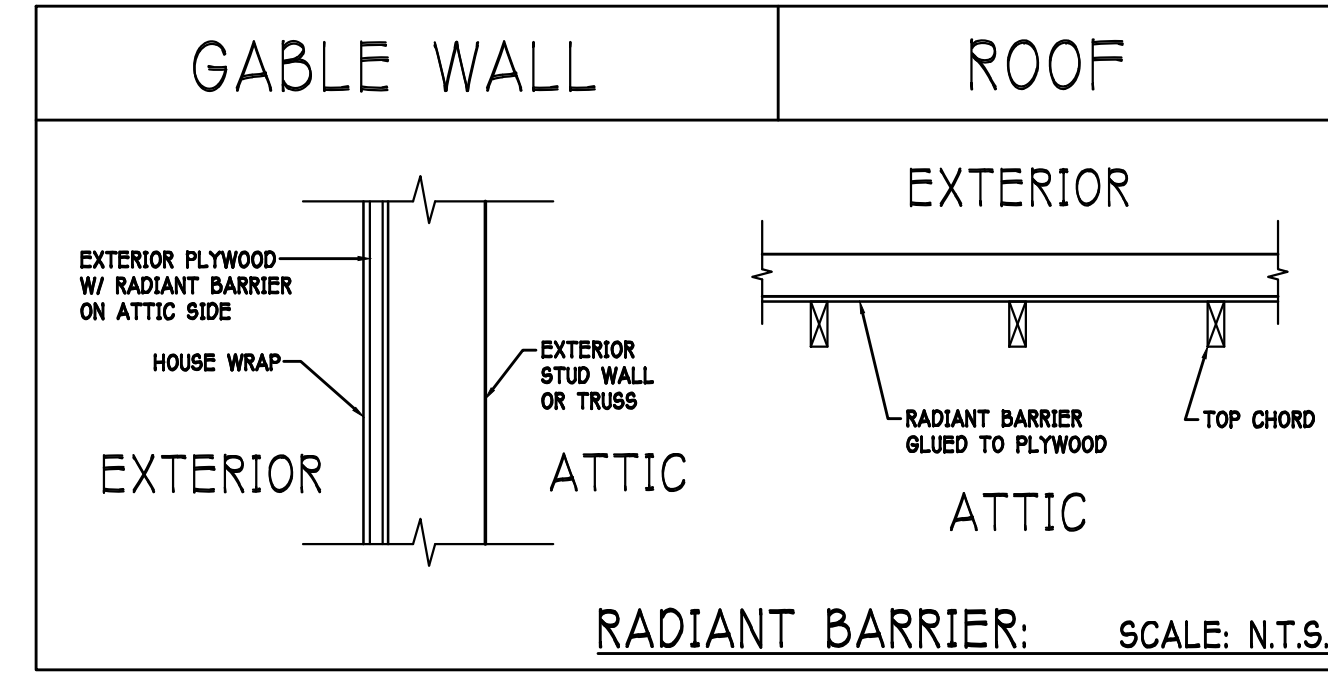
CLAY AND CONCRETE TILE ROOF SPECS

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 R805.3 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.

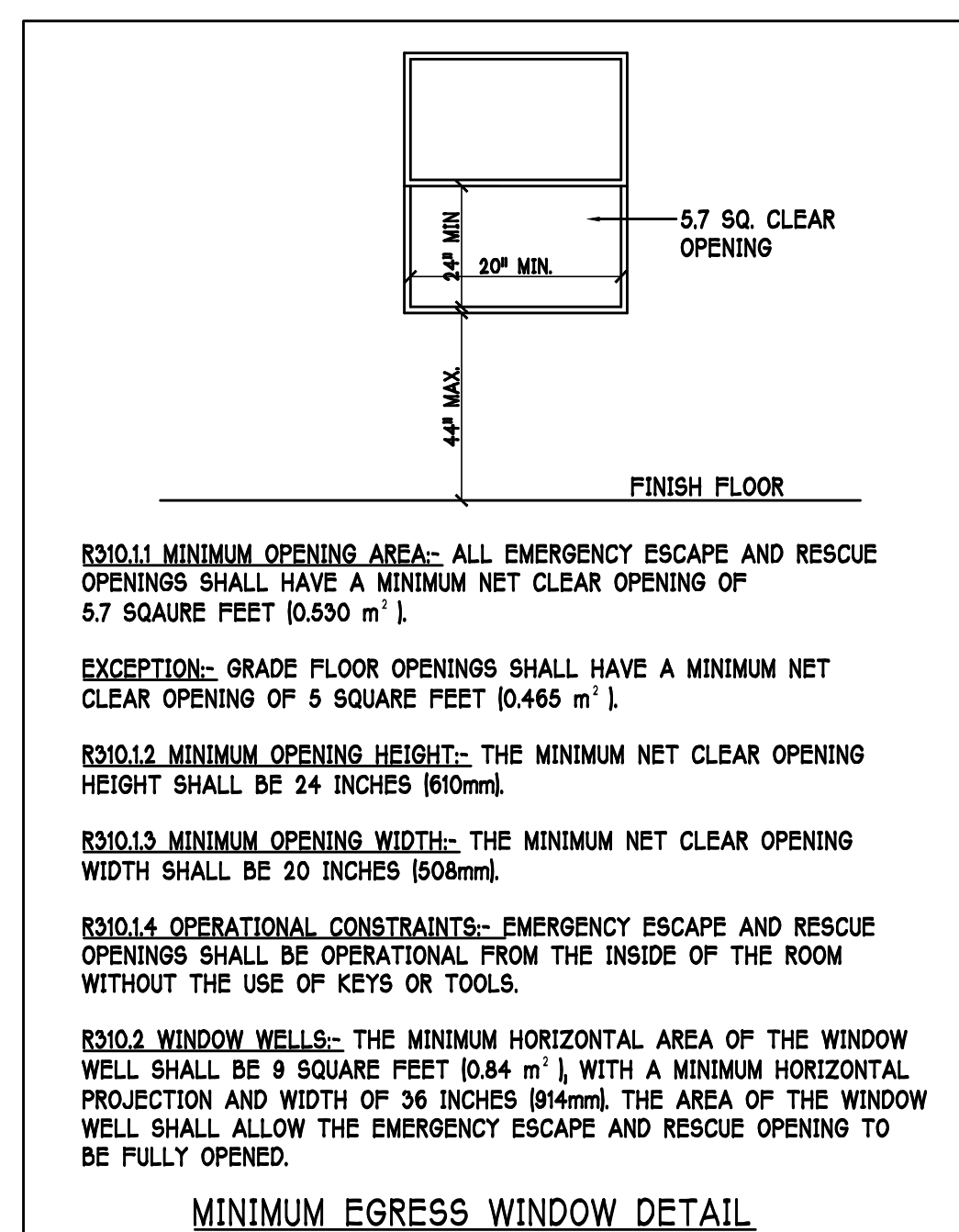
FLOOR SHEATHING AT 2ND FLOOR

APA RATED STURD-FLOOR, EXPOSURE 1, TONGUE & GROOVE EDGES SPAN RATING 48/24 OR BETTER, GLUED AND NAILED



TYPICAL WALL SECTION

SCALE: 3/4\"/>



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

EXCEPTION:- GRADE FLOOR OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5 SQUARE FEET (0.465 m²).

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

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

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

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

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

D. RHODON
America's Builder

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

UNIT 2431

MODEL:

BLOCK:

LOT: 103

DATE: 02-29-16

DRAWN BY: CWL

CHECKED BY: JWC

REVISED:

PLAN: SECTION

SCALE: 3/16\"/>

SHEET#

A-6M

FOUNDATION PLAN

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

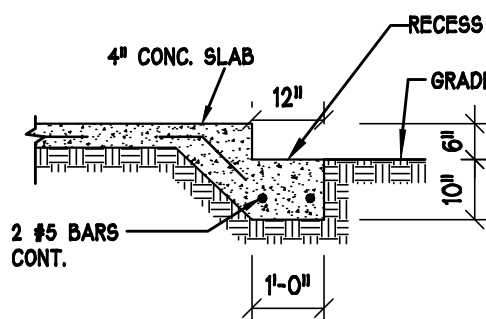
PLAN NOTES:

- 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.

USER	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	-

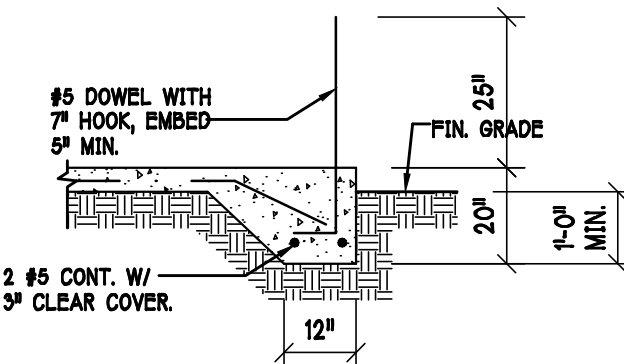
USER	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINFORCING	SHAPE	
X	F1	CONT.	1'-4"	0'-8"	2-#5		
X	F2	CONT.	1'-8"	0'-10"	2-#5		
X	F3	CONT.	1'-0"	1'-8"	2-#5		
X	F4	CONT.	1'-4"	1'-8"	2-#5		
X	F5	CONT.	1'-4"	1'-0"	2-#5		
X	F6	CONT.	1'-4"	1'-0"	2-#5		
X	F6A	CONT.	8"	8"	1-#5		
X	TE	CONT.	0'-8"	0'-8"	1-#5		

ADD CURB TO GARAGE, SEE DETAIL

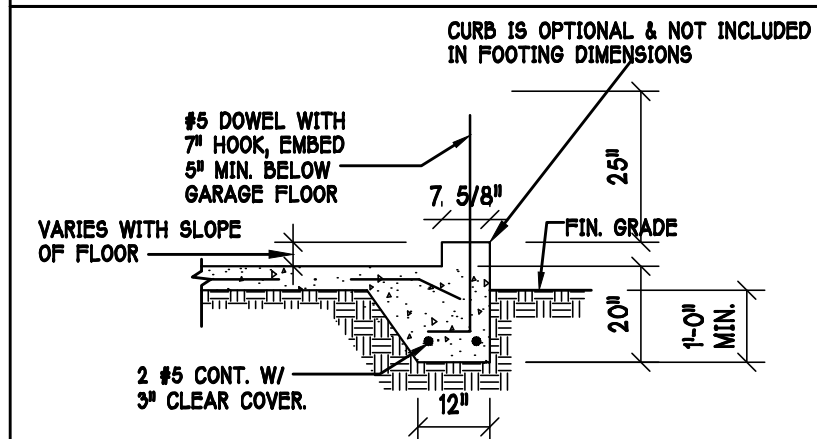


GARAGE DOOR RECESS

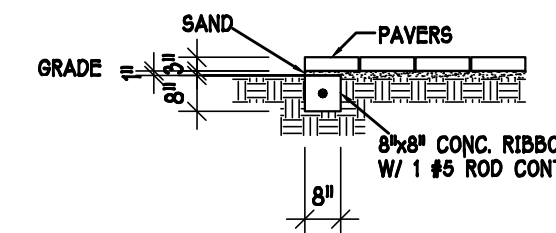
SCALE: 1/2" = 1'-0"



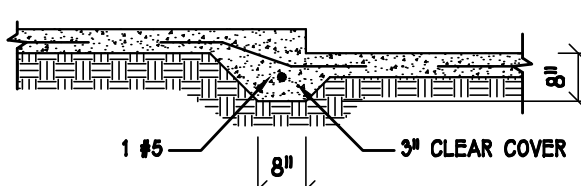
F3' FOOTING



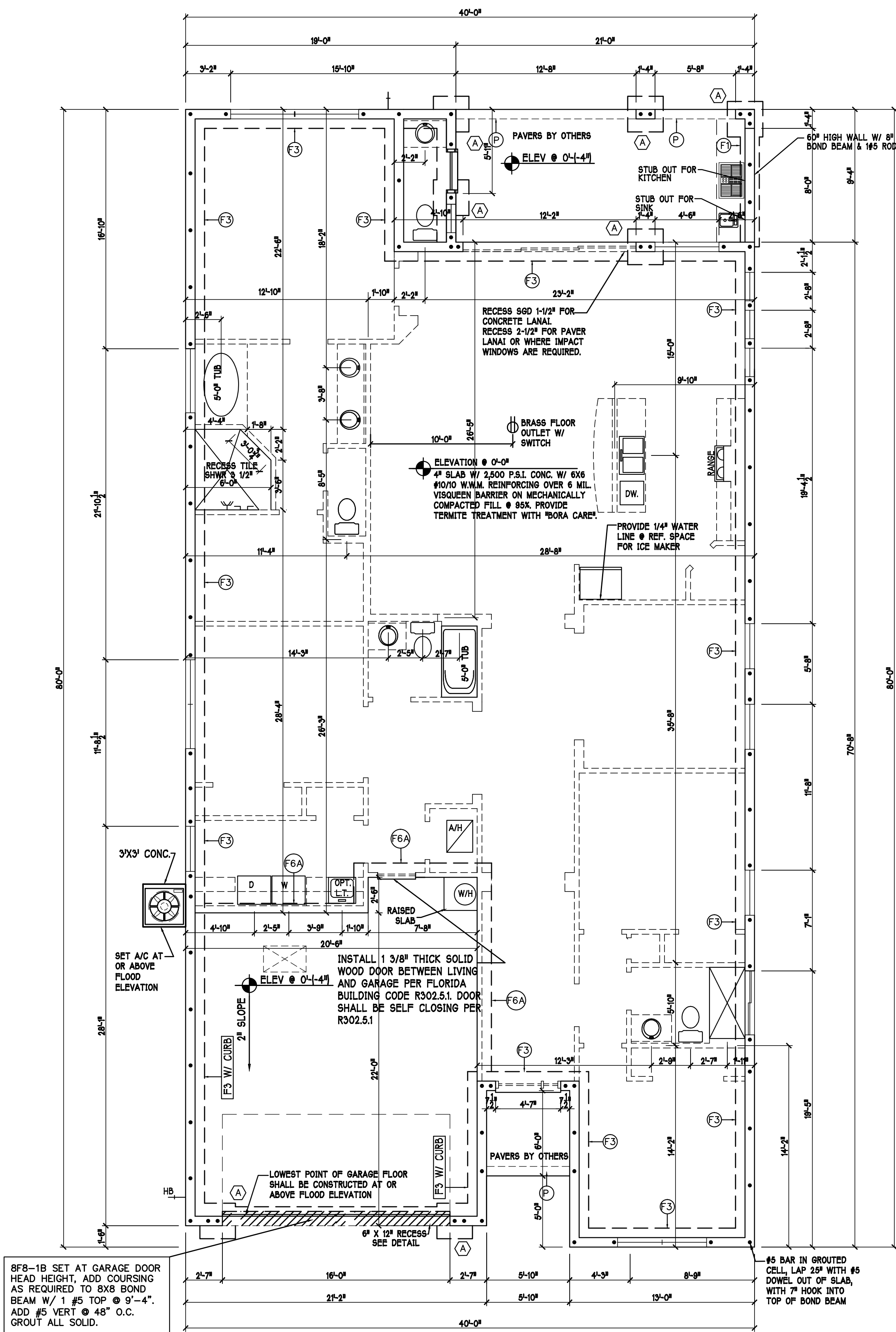
F3' WITH CURB AT GARAGE



P1 PAVERS DETAIL ENTRY/LANAI



F6A' STEP DOWN



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
1624 SE 47th ST. SUITE #3
FORT MYERS, FL 33904
(239) 541-4554
CA# 8889

MODEL:

UNIT 2431

BLOCK:

SUBDIV: BARRINGTON COVE

LOT: 103

ADDRESS: 16281 ABERDEEN WAY

G.C.D.#: 9260

D.R.H.#: 578140103

RESIDENCE FOR:

SPEC

DATE:

02-29-16

DRAWN BY:

CWL

CHECKED BY:

JWC

REVISED:

PLAN:

FOUNDATION

SCALE:

3/16" = 1'-0"

SHEET#

S-1 M



designed by the Structural Engineer of Record only. No work was performed by the SEER in the design of the building electrical, fire, life safety, or geotechnical.

STRUCTURAL ENGINEERING

STRUCTURAL SYSTEMS OF NORTH FLORIDA

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

04th 0000

MODEL:	LOT: 103	BLOCK:
UNIT 2431	SUBDIV: BARRINGTON COVE	
RESIDENCE FOR:	ADDRESS: 16281 ABERDEEN WAY	
SPEC	G.C.D.#: 9260	D.R.H.#: 578140103

DATE:	02-29-16
DRAWN BY:	CWL
CHECKED BY:	JWC
REVISED:	
PLAN:	ROOF
SCALE:	3/16"=1'-0"
SHEET#	

S2-M

TRUSS STRAPPING TO MASONRY		
MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER
1450	(1)M2A16 TO 40	9-10dx1 $\frac{1}{2}$ " EMBED 4"
1810	(1)M2A16 TO 40	10-10dx1 $\frac{1}{2}$ " EMBED 4"
(2)M2A16 TO 40	(2)M2A16 TO 40	12-10dx1 $\frac{1}{2}$ " EMBED 4"
1985 (1 PLY)	(2)M2A12 TO 40	12-10dx1 $\frac{1}{2}$ " EMBED 4"
1900 (2 PLY)	(2)M2A12 TO 40	14-16d, EMBED 4"
2500 (2 PLY)	(2)M2A12 TO 40	14-16d, EMBED 4"
2500 (2 PLY)	(2)HHM2A12 TO 22	14-16d, EMBED 4"

INSTALL
META16 AT
ALL
TRUSSES
TO 1450 lb
UPLIFT.
FOR HIGHER
UPLIFTS,
SEE NOTES
ON PLAN.

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 $\frac{1}{2}$ OF WALL.

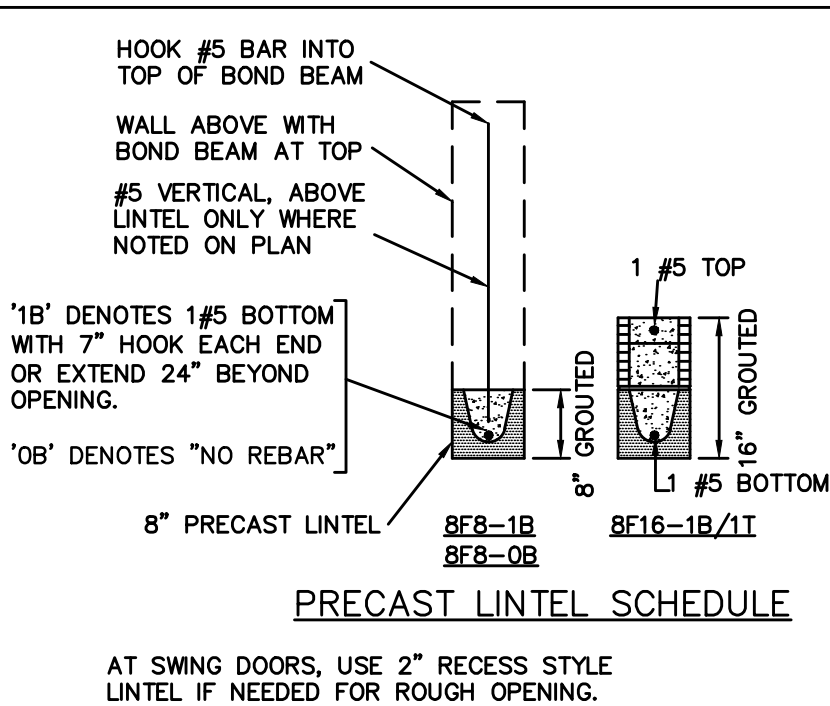
2) CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS. SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE ENGINEER OF RECORD.

3) WHERE EMBEDDED STRAPS ARE MISSING, OR MIS-LOCATED, INSTALL RETROFIT STRAP PER 10/S-3.

REV 2


PLAN NOTES:

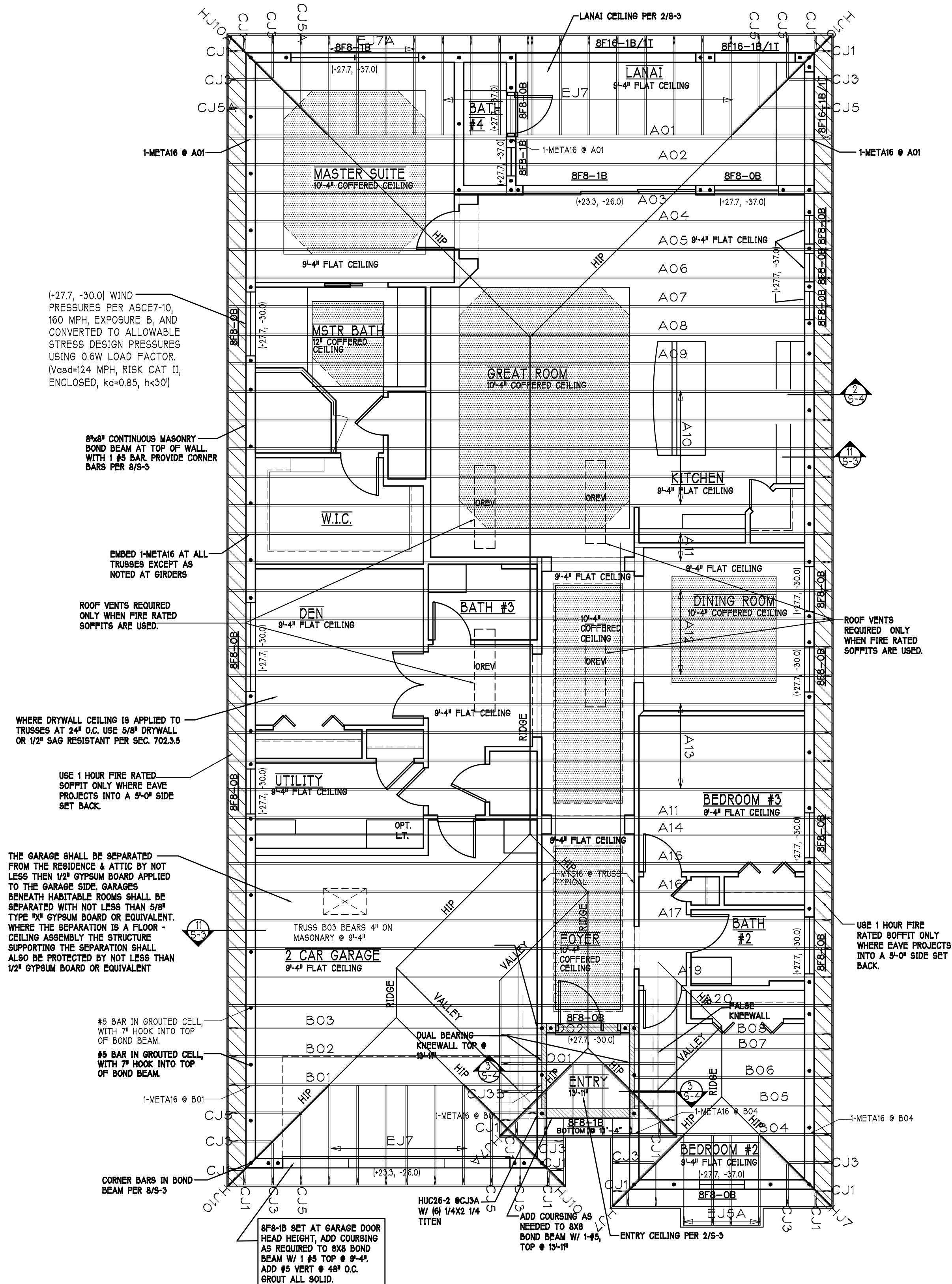
1. ROOF TRUSS BEARING ELEVATION VARIES, SEE LEGEND.
2. ROOF FRAMING SHALL BE WOOD TRUSSES DESIGNED BY A DELEGATED TRUSS ENGINEER PER DESIGN CRITERIA ON SHEET S-3.
3. PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS SHEET.
4. FOR NAILING OF ROOF DECK, SEE 1 AND 2 ON S-3.
5. **[8F6-B]** etc., DENOTES PRECAST 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 RAYMOND,
JOB #: 13050802M8, DATED: 06/17/2014, REVISED: NONE

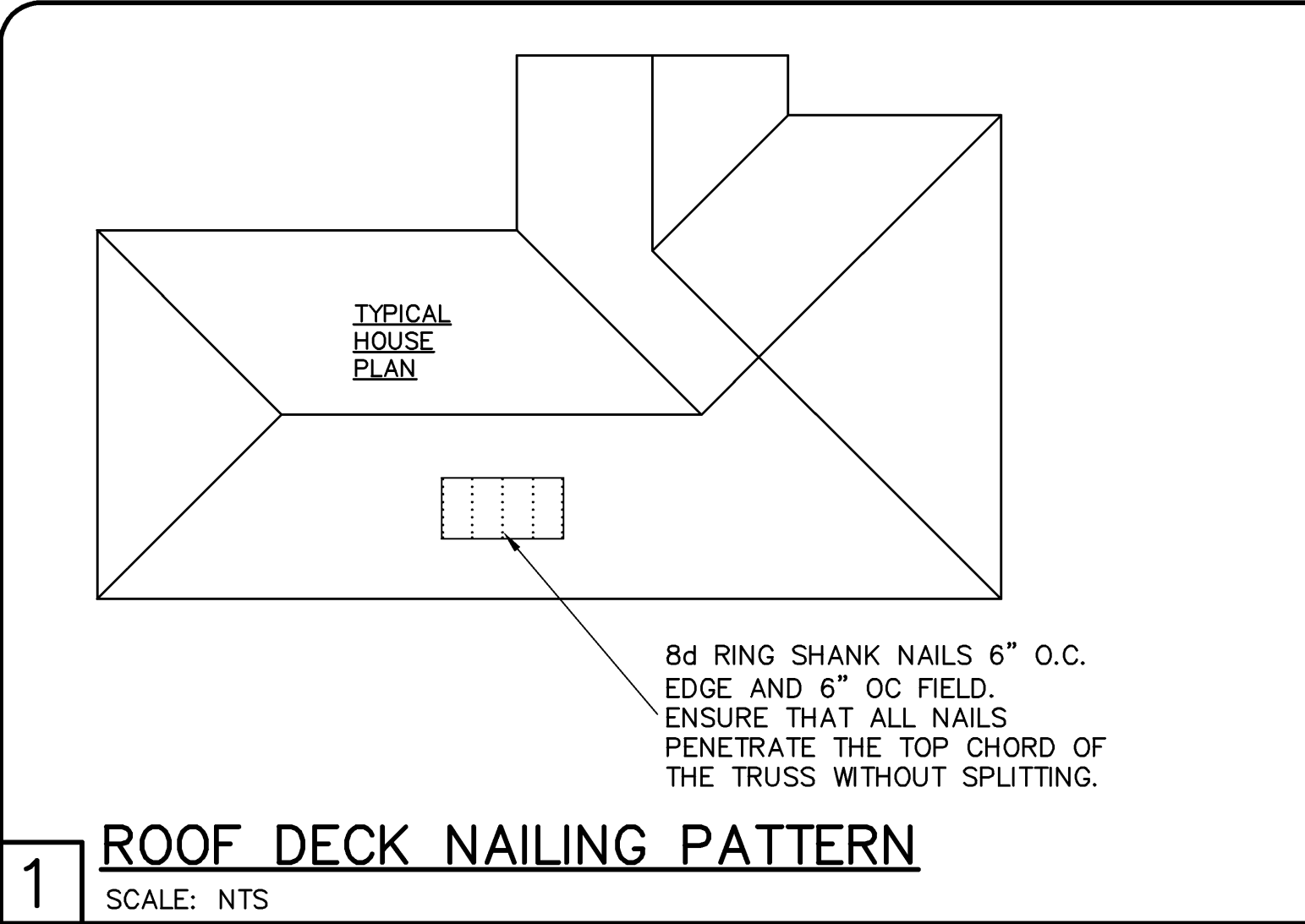
BEARING HEIGHTS

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



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

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

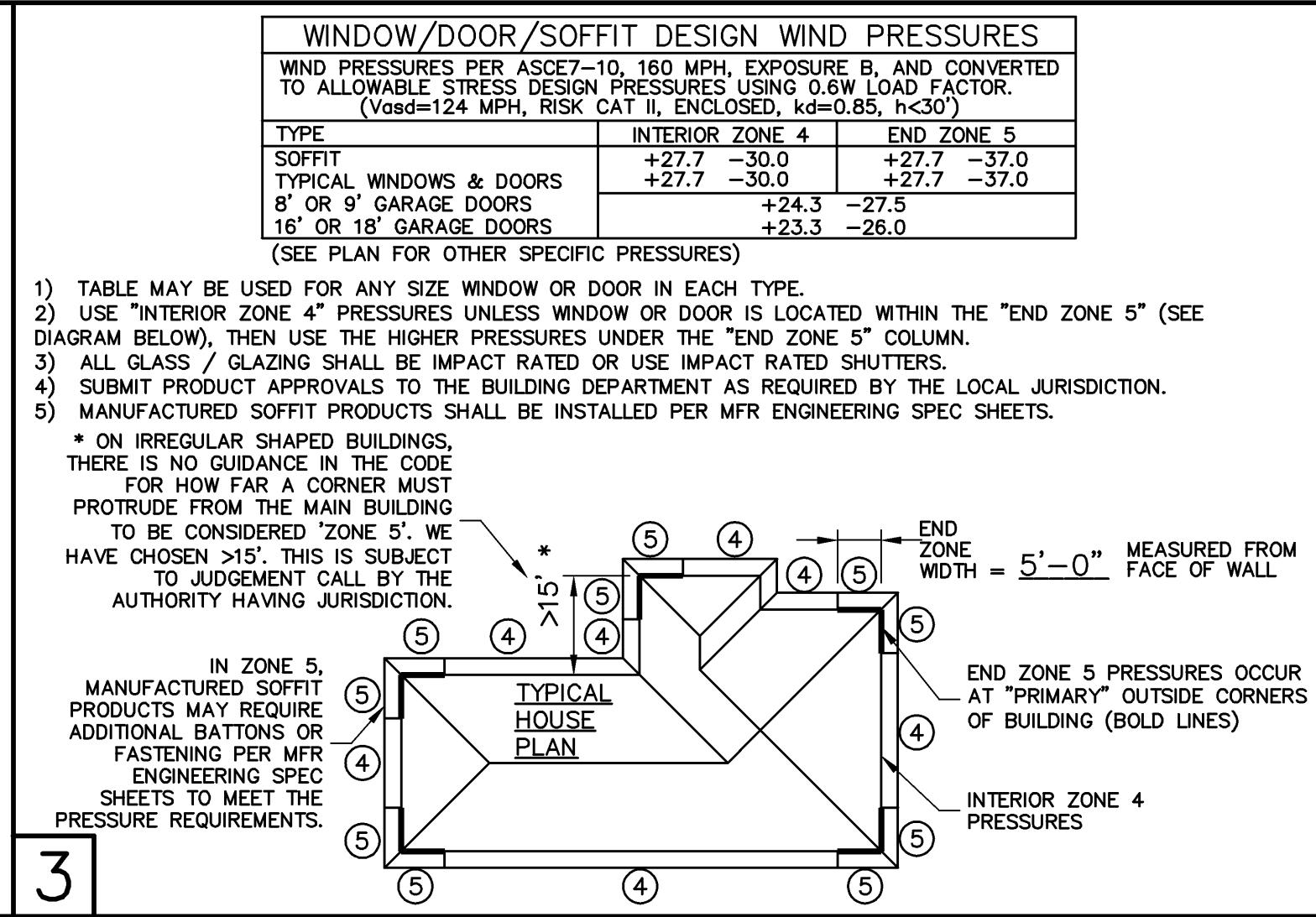


2

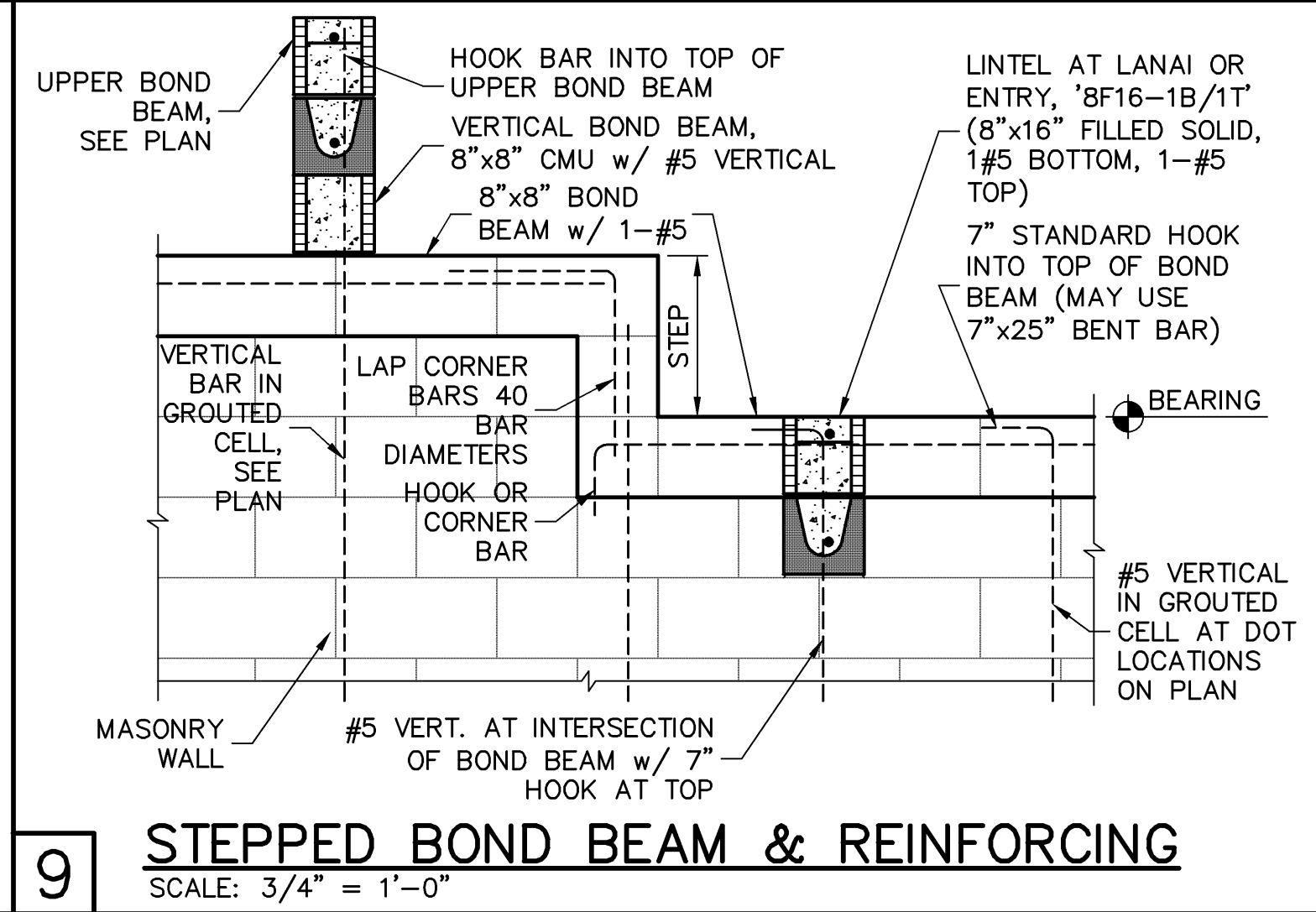
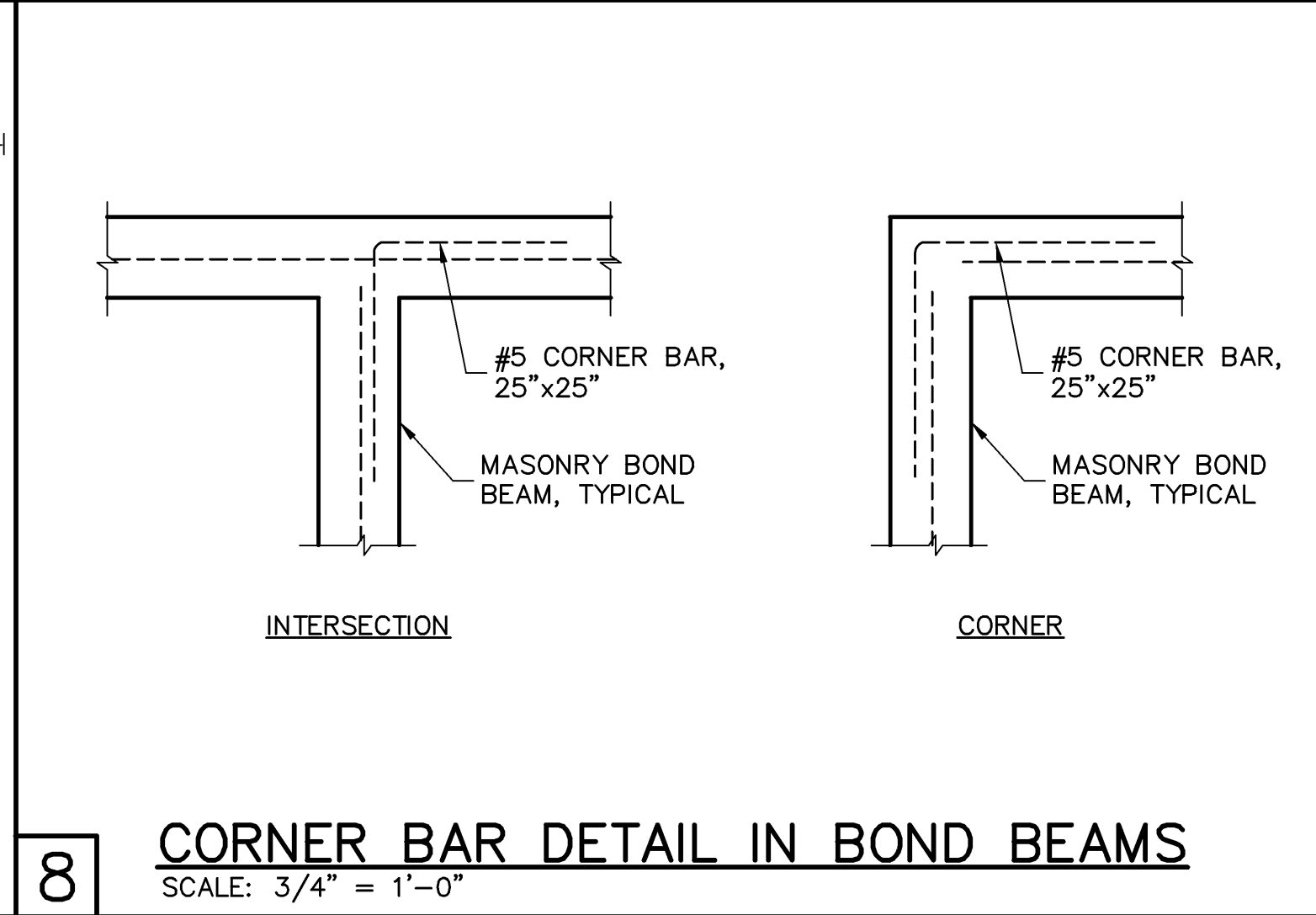
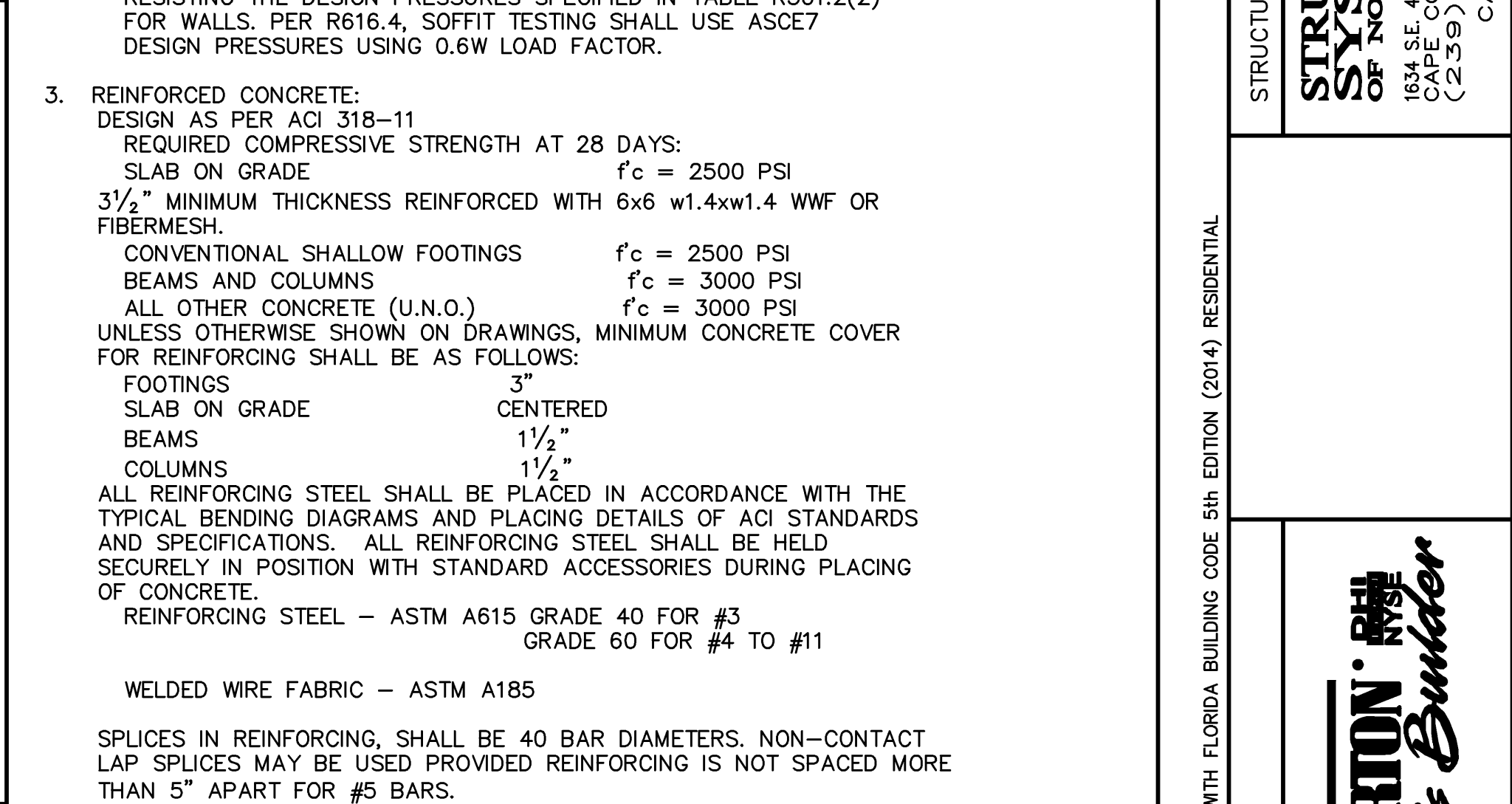
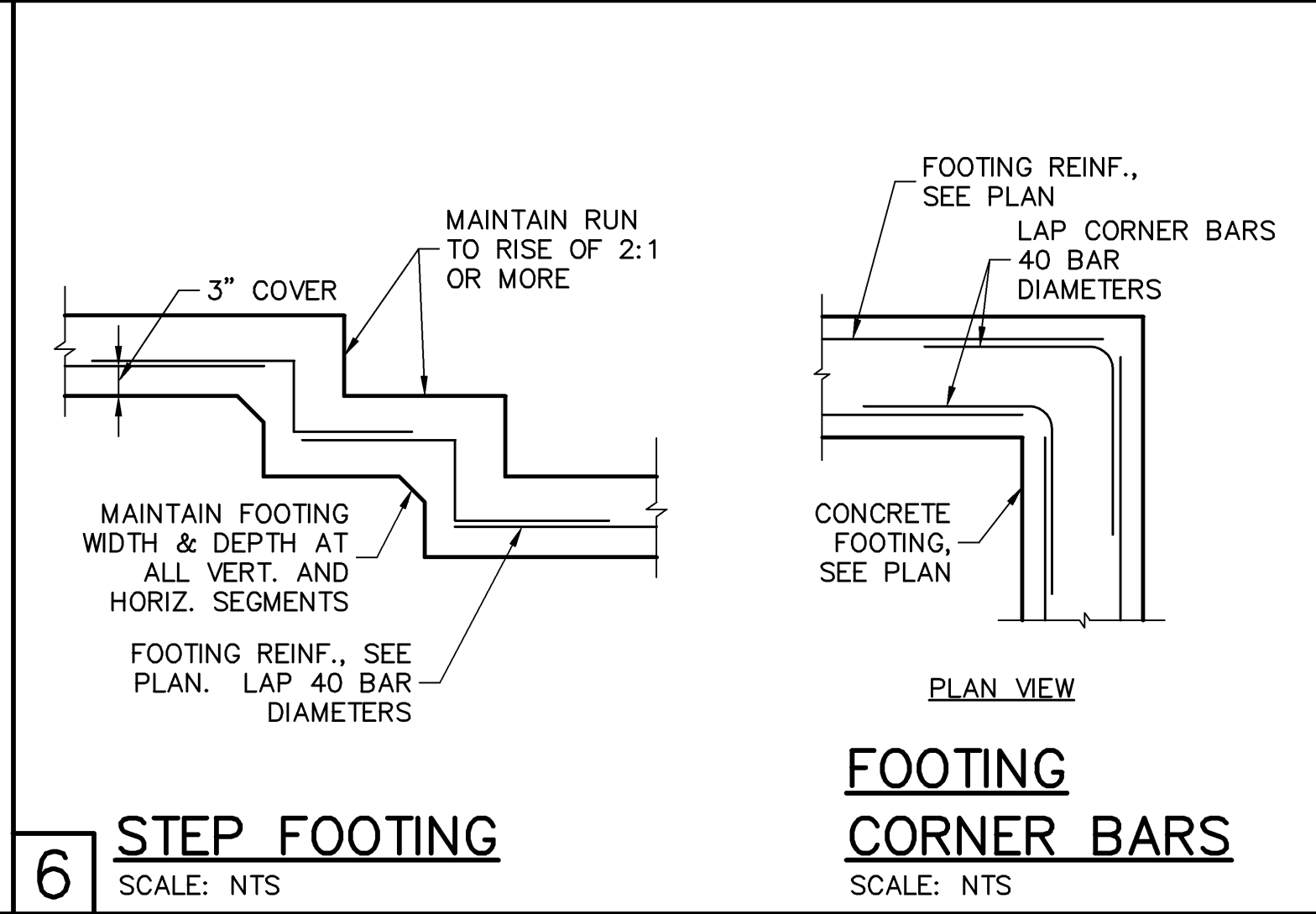
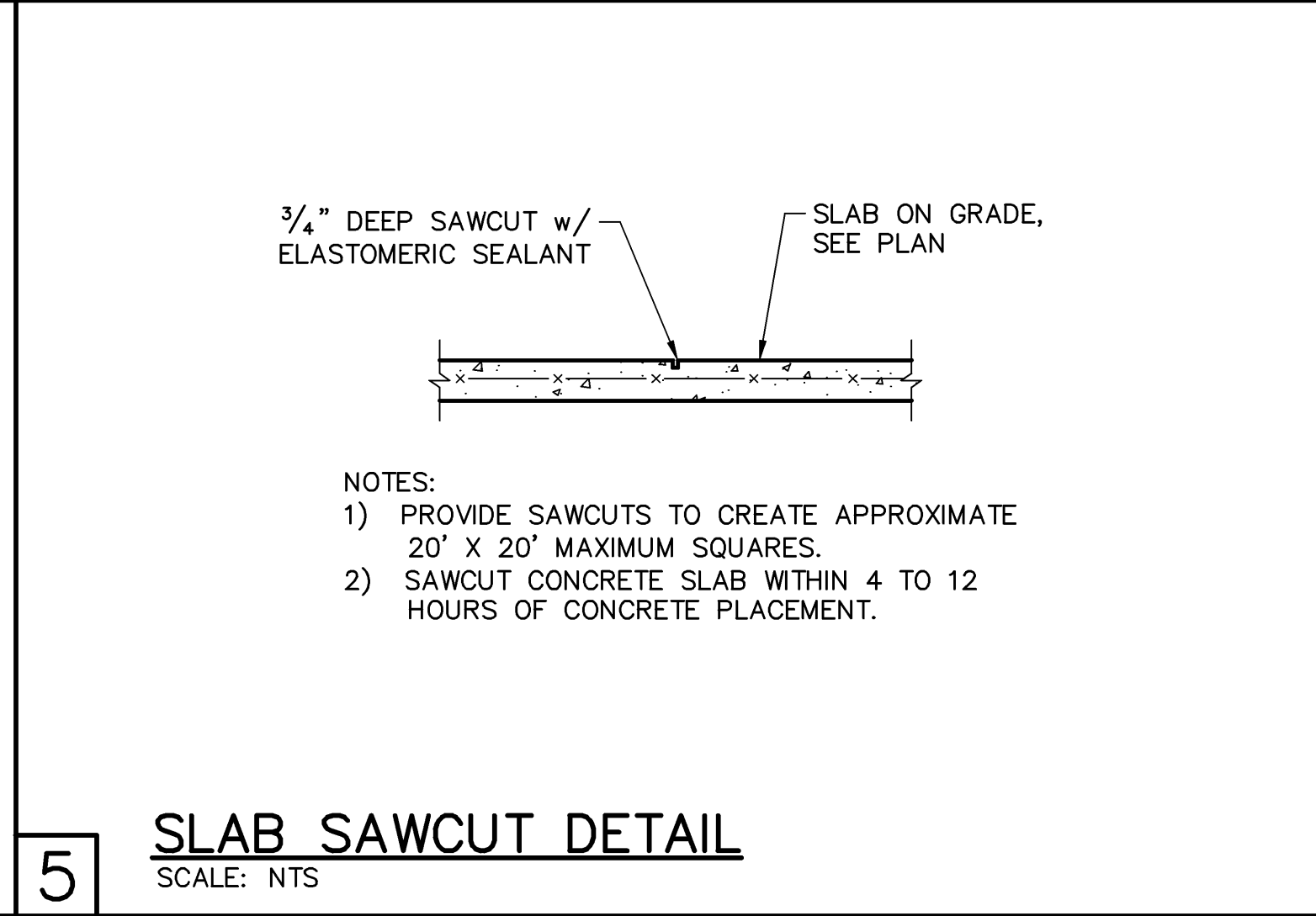
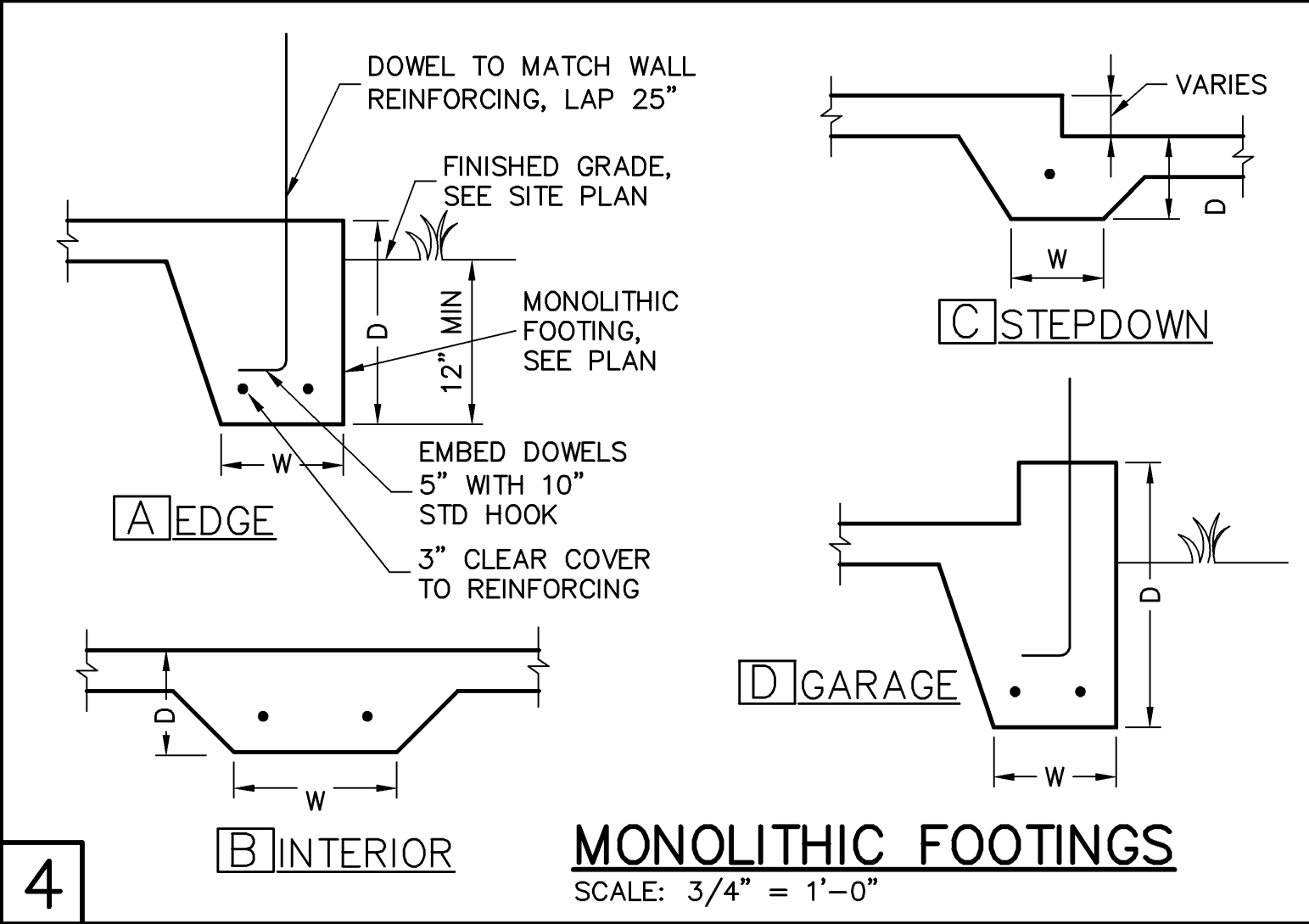
SHEATHING SCHEDULE

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. <small>(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)</small>	OPTIONS: 1) 1x4 STRIPPING @ 16"OC w/ 2-8d NAILS TO EACH TRUSS, 5/8" EXTERIOR GYPBOARD CEILING, FASTEN w/8d NAILS OR 1 1/8" 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.



- 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) 160 MPH
NOMINAL WIND SPEED (Vgbd TABLE R301.2.1.3) 124 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 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. 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.

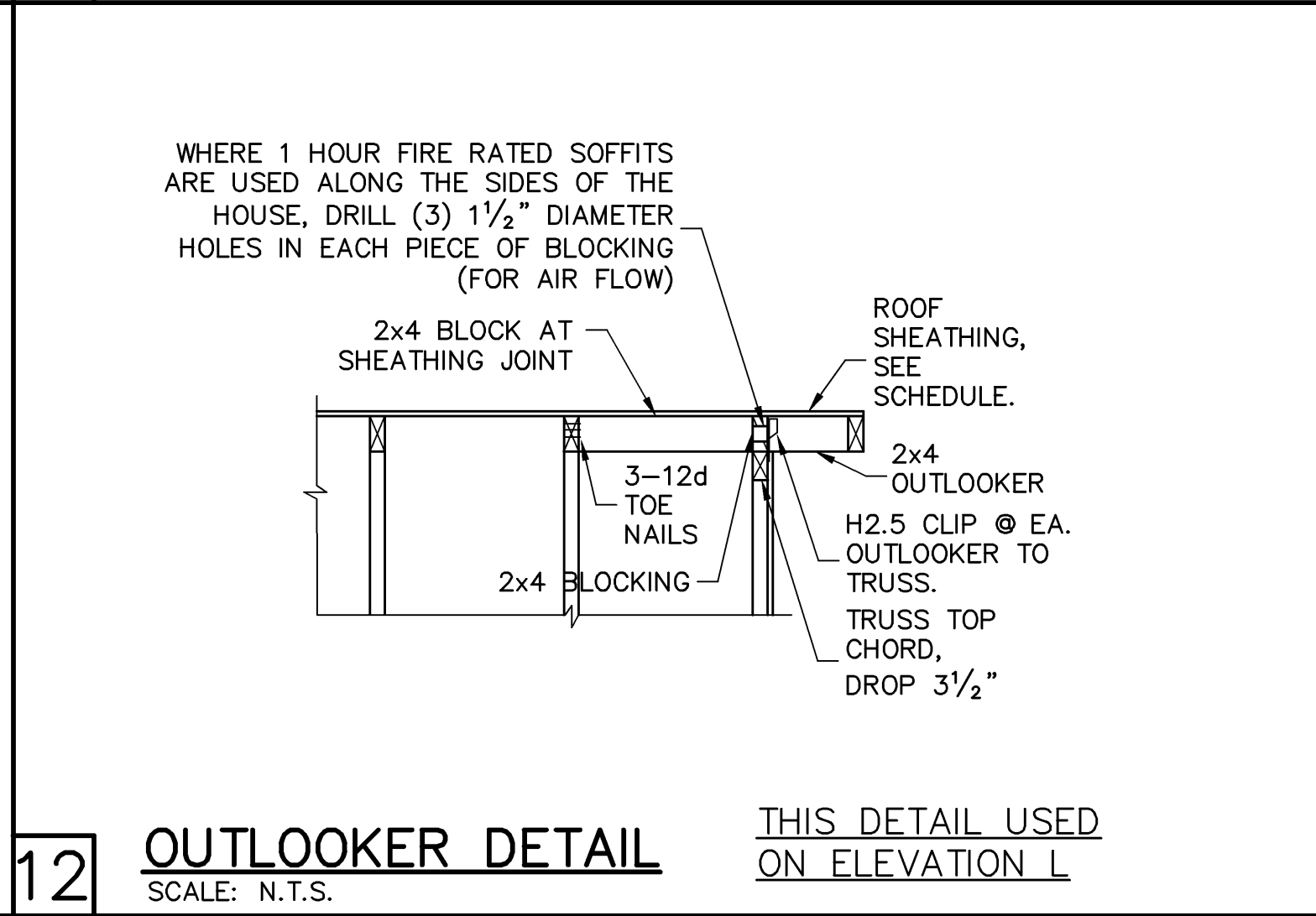
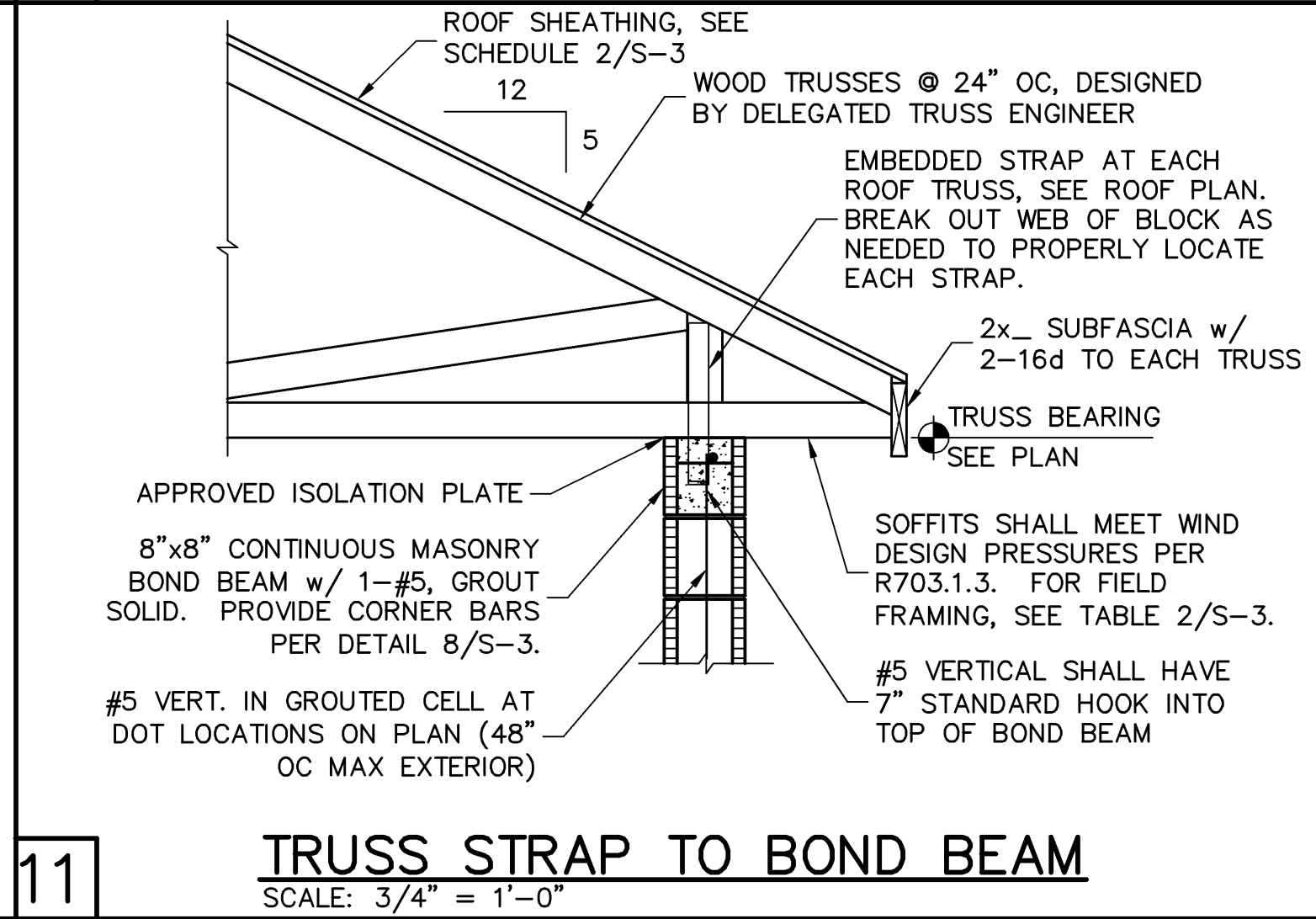


10

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.



REVISIONS

BY

NO.	DESCRIPTION	DATE	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 5th EDITION (2014) RESIDENTIAL

BUILDER:

D.R. HOHON

America's Builder

STRUCTURAL DETAILS FOR

MODEL 2431 M

16281 ABERDEEN WAY
NAPLES, FLORIDA
LOT: 103 SUBDIVISION: BARRINGTON COVE

DESIGN/DRAWN

DWB/DWB

CHECKED

DWB

DATE

03/01/16

SCALE

AS NOTED

JOB NO.

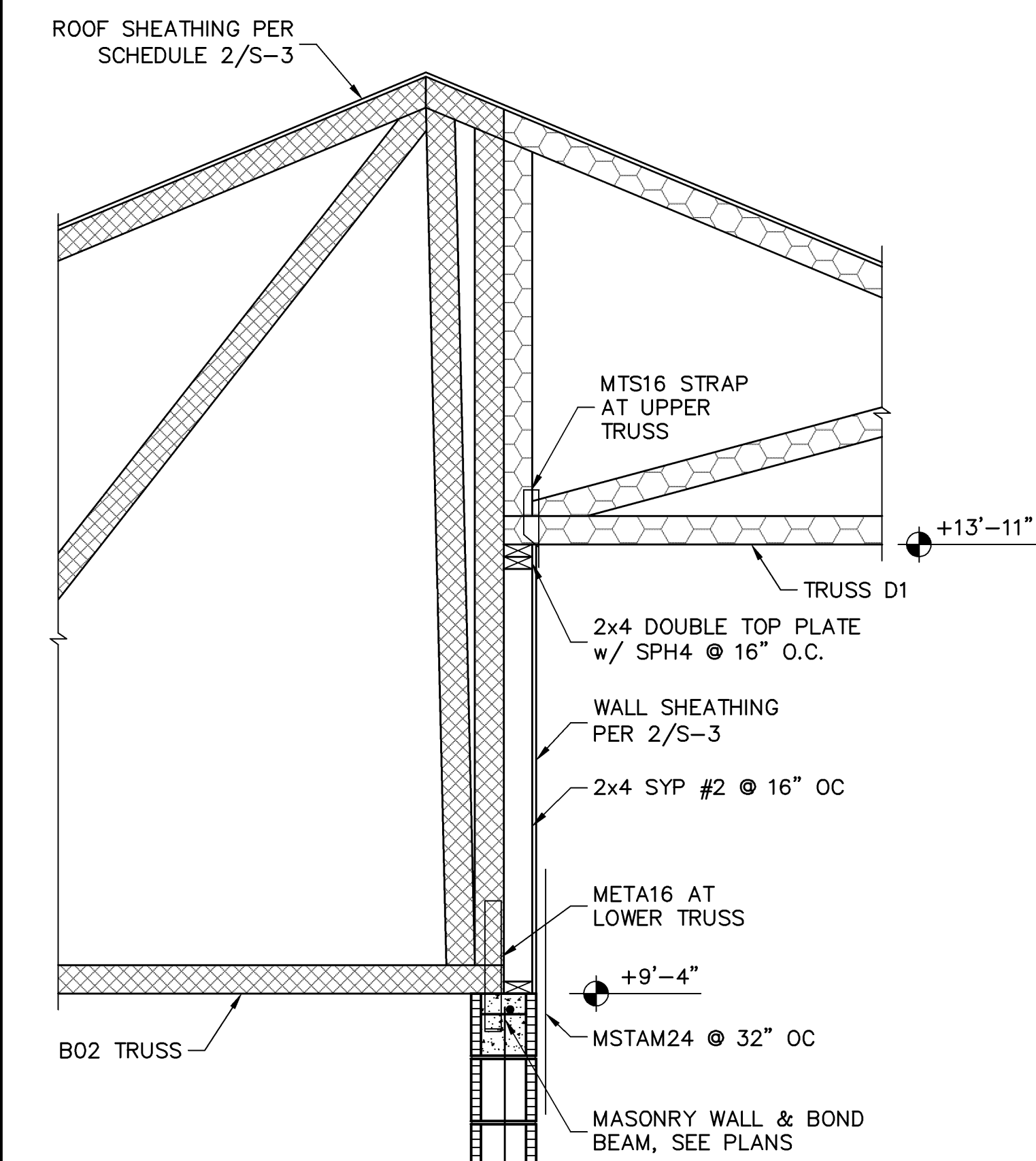
DR9260

SHEET

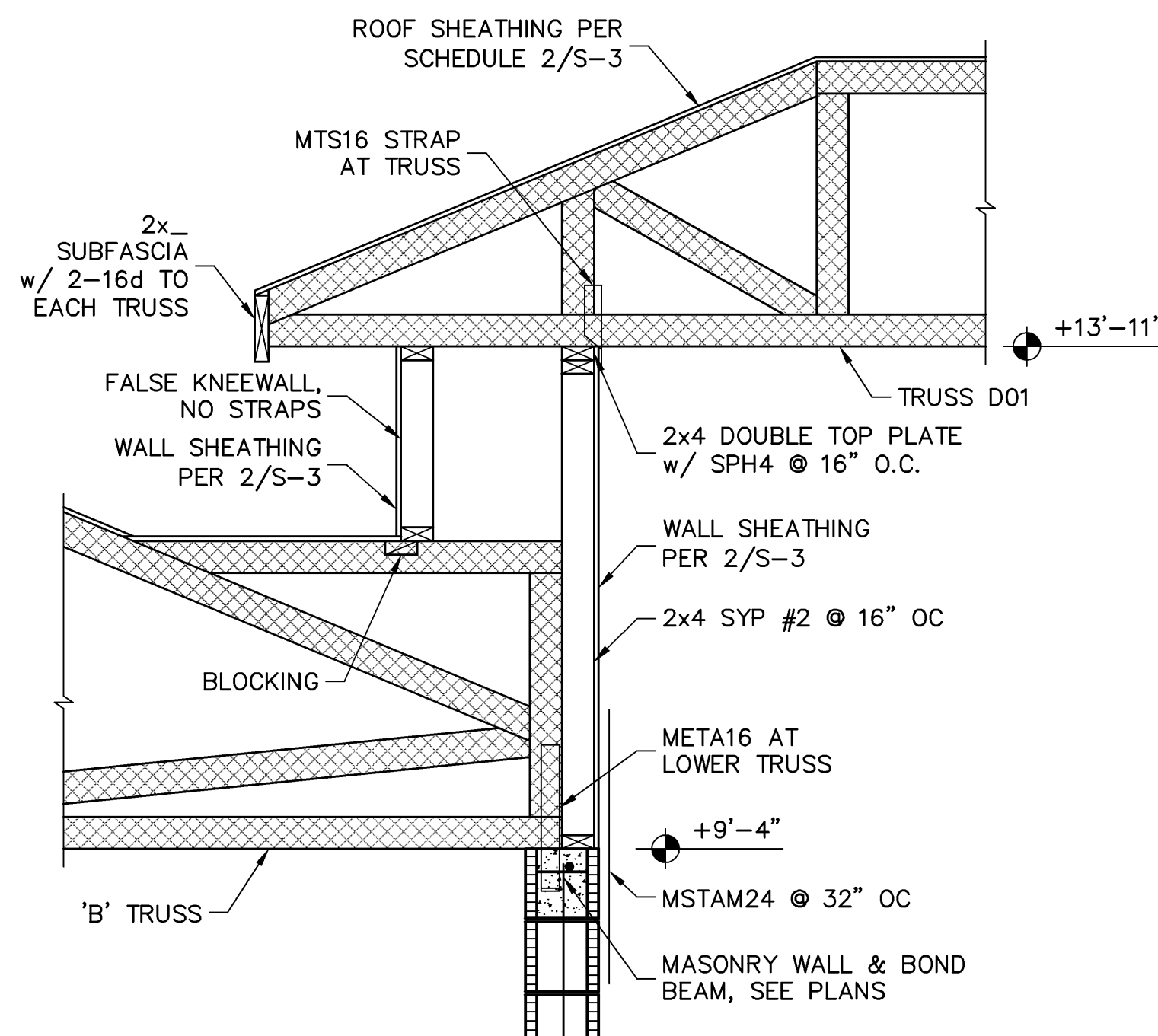
S-3

SHEET 3 OF 4

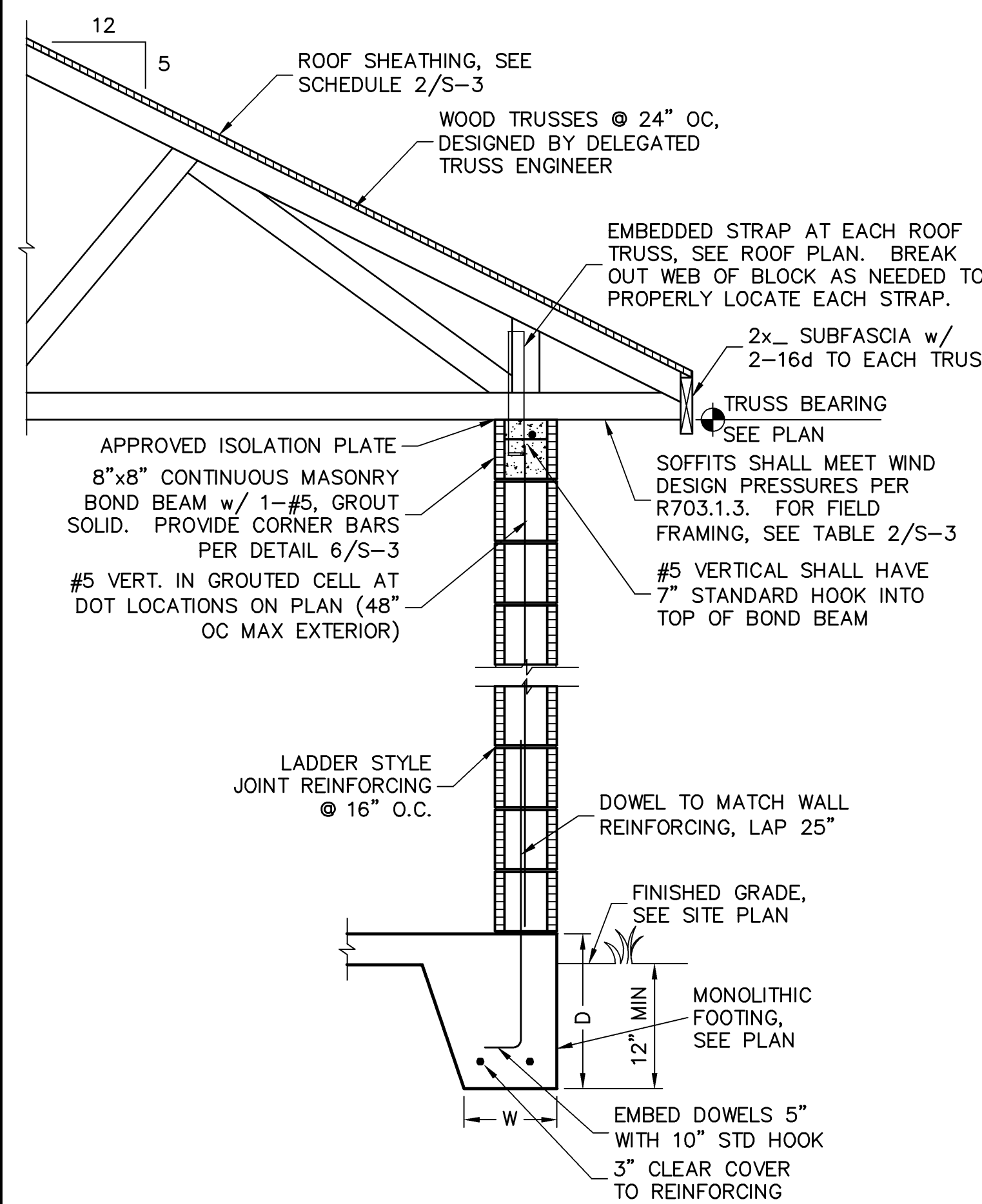
FOR RAYMOND TRUSS, M ELEVATION, RBS # 13050802M8, DATED: 06/17/14, REVISED: NONE



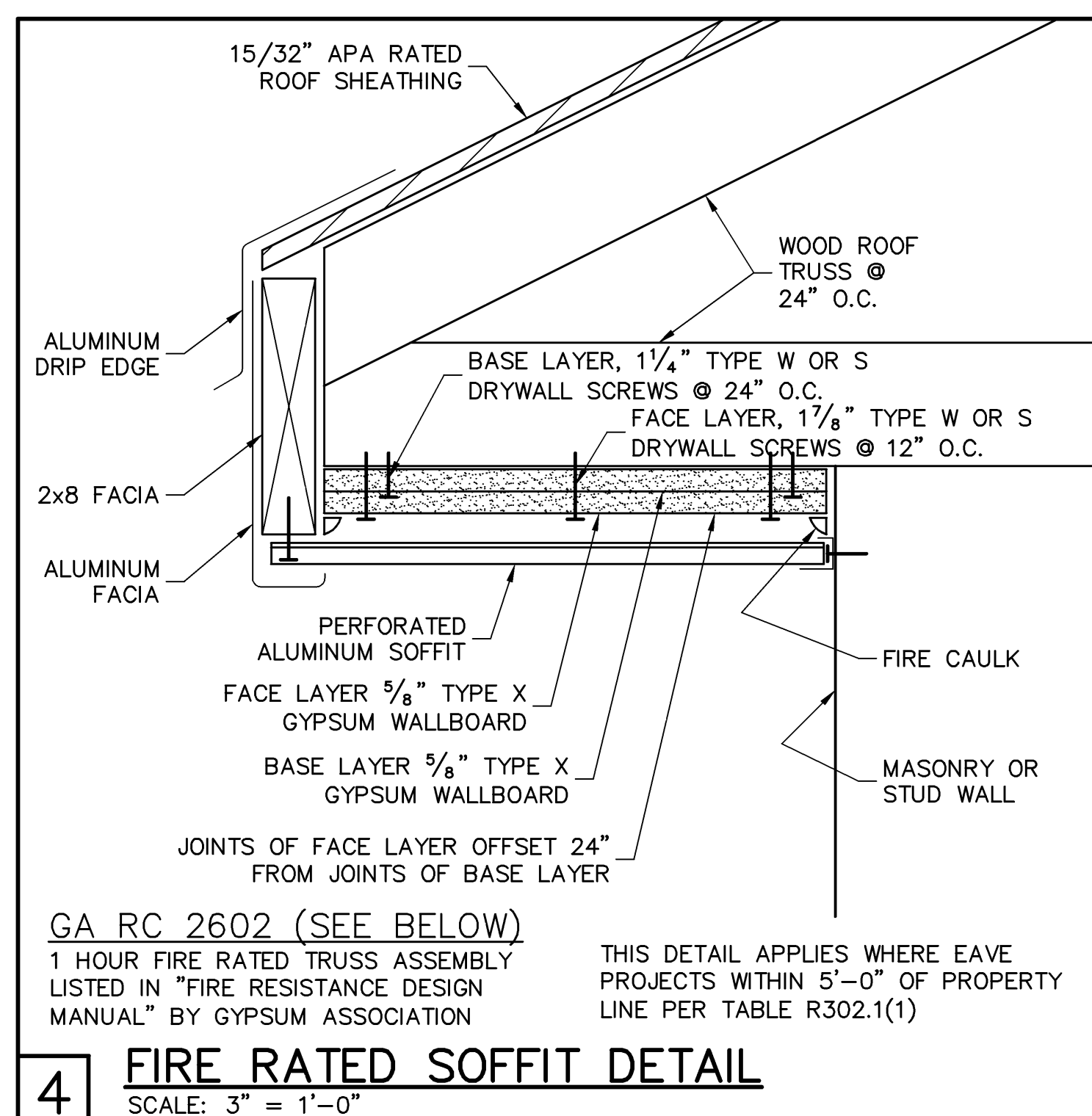
1 KNEEWALL @ ENTRY
SCALE: 3/4" = 1'-0"
THIS DETAIL USED ON ELEVATION L



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



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



4 FIRE RATED SOFFIT DETAIL
SCALE: 3" = 1'-0"

ROOF-CEILING SYSTEMS

GA FILE NO. RC 2602	GENERIC	1 HOUR FIRE
WOOD TRUSSES, GYPSUM WALLBOARD		
<p>Base layer 5/8" type X gypsum wallboard applied at right angles to wood roof trusses 24" o.c. with 11/4" Type W or S drywall screws 24" o.c. Face layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to trusses with 17/8" Type W or S drywall screws 12" o.c. at joints and intermediate trusses and 11/2" Type G drywall screws 12" o.c. placed 2" back on either side of end joints. Joints offset 24" from base layer joints. Wood trusses supporting 1/2" wood structural panels applied at right angles to trusses with 8d nails. Appropriate roof covering. Ceiling provides one hour fire resistance protection for trusses.</p>		
		Approx. Ceiling Weight: 5 psf Fire Test: FM FC 172, 2-25-72; ITS, 8-6-98

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 5th EDITION (2014) RESIDENTIAL

BUILDER:

D.R. HOHON
America's Builder

STRUCTURAL DETAILS FOR
MODEL 2431 M
16281 ABERDEEN WAY
NAPLES, FLORIDA
LOT: 103 SUBDIVISION: BARRINGTON COVE

DESIGN/DRAWN DWB/DWB
CHECKED DWB
DATE 03/01/16
SCALE AS NOTED
JOB NO. DR9260
SHEET

S-4
SHEET 4 OF 4

FOR RAYMOND TRUSS, M ELEVATION, RBS # 13050802M8, DATED: 06/17/14, REVISED: NONE