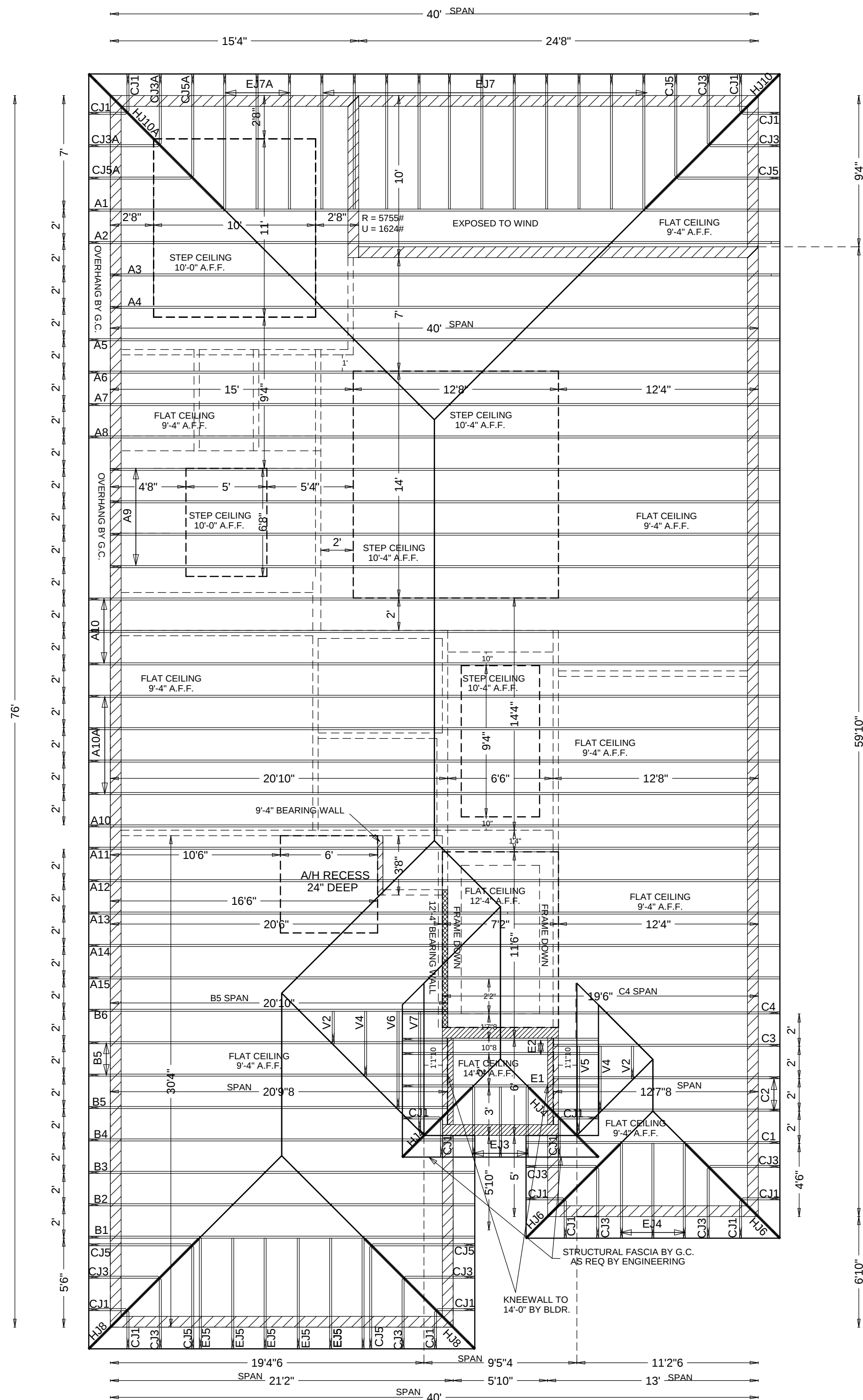
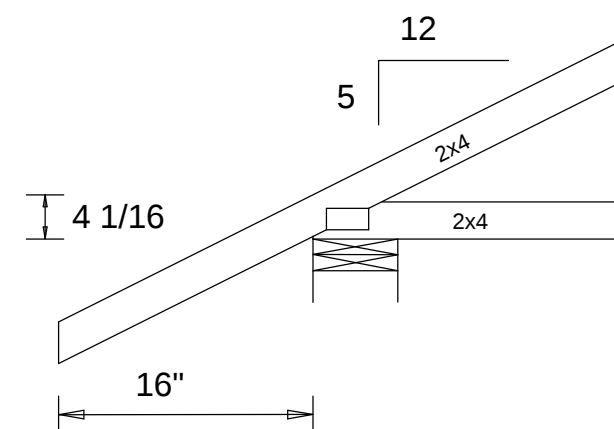




Typical End Plumb Cut



BUILDER TO FRAME DOWN CEILINGS AS NEEDED

LANAI AND ENTRY ARE ANALYZED
AS PARTIALLY ENCLOSED

BEARING KEY

- 9'-4" A.F.F.
- 12'-4" A.F.F.
- 14'-0" A.F.F.

Reactions Over 5000 Lbs and Uplifts
Over 1000 Lbs are Listed on the Layout

Hanger Key

- (A)=LUS24 (F)=HGUS28-3 (K)=SUL26
 - (B)=HUS26 (G)=GTU80 (L)=SUR26
 - (C)=HUS28 (H)=THGBH3 (M)=HHUS46
 - (D)=HHUS28-2 (I)=THGBH4 (N)=THA422
 - (E)=HGUS28-2 (J)=THJA26
- 1" = Hanger Symbol Denotes
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. Unless Otherwise Noted.

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 BCSI-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: _____

Date: _____

Revisions

#	Date	Remarks	Int.
	02/20/15	ADDED A/H RECESS IN GARAGE	BRYAN
	03/03/15	ADDED COFFER CEILING IN FOYER HALLWAY	BRYAN

Raymond Building Supply Corp

North Fort Myers
7751 Bayshore Rd.
N. Fort Myers, FL 33917
Tel (239) 731-8300
Fax (239) 731-0383

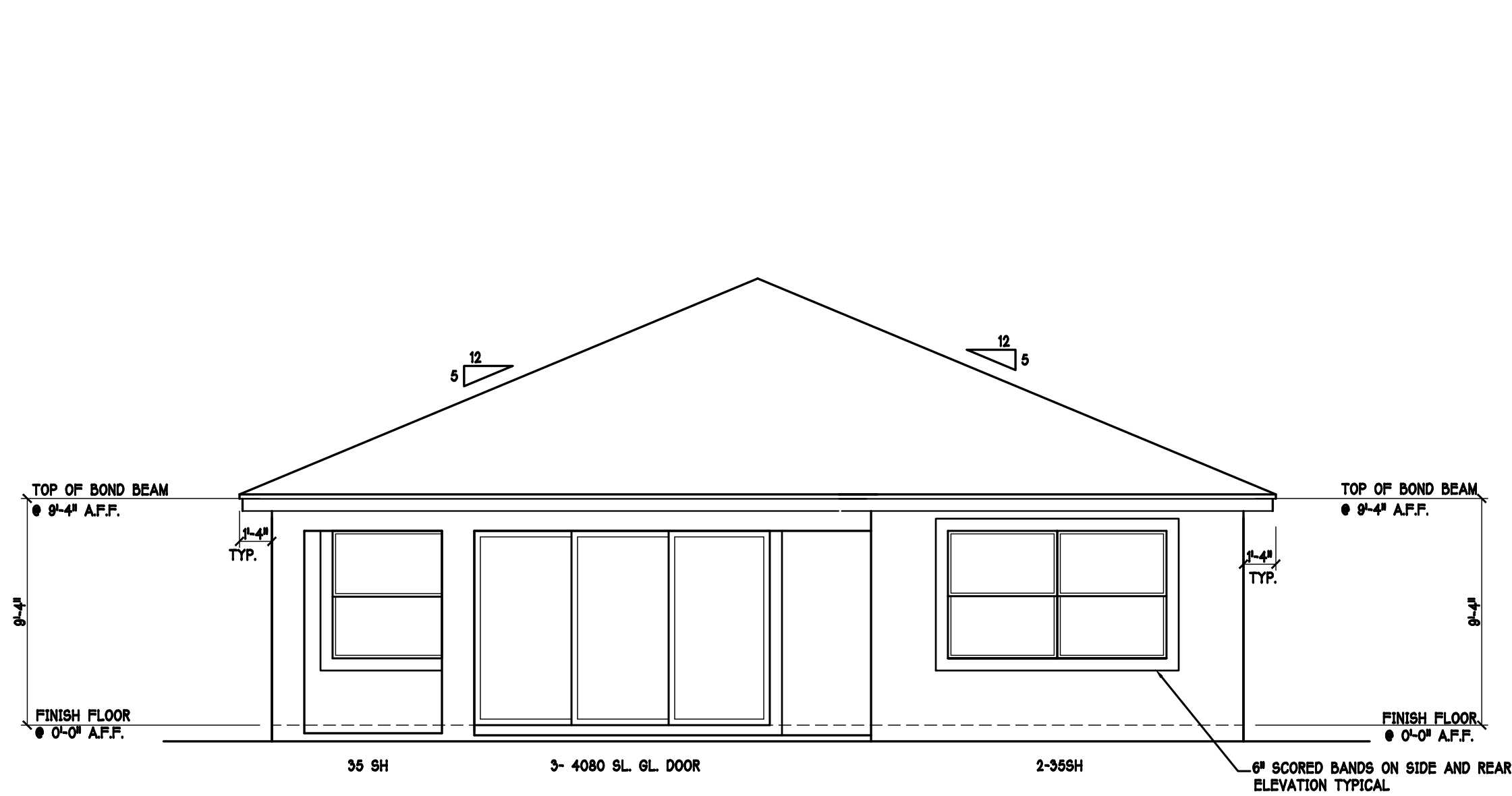
North Port
Tel (941) 429-1212

Naples
Tel (239) 348-7272

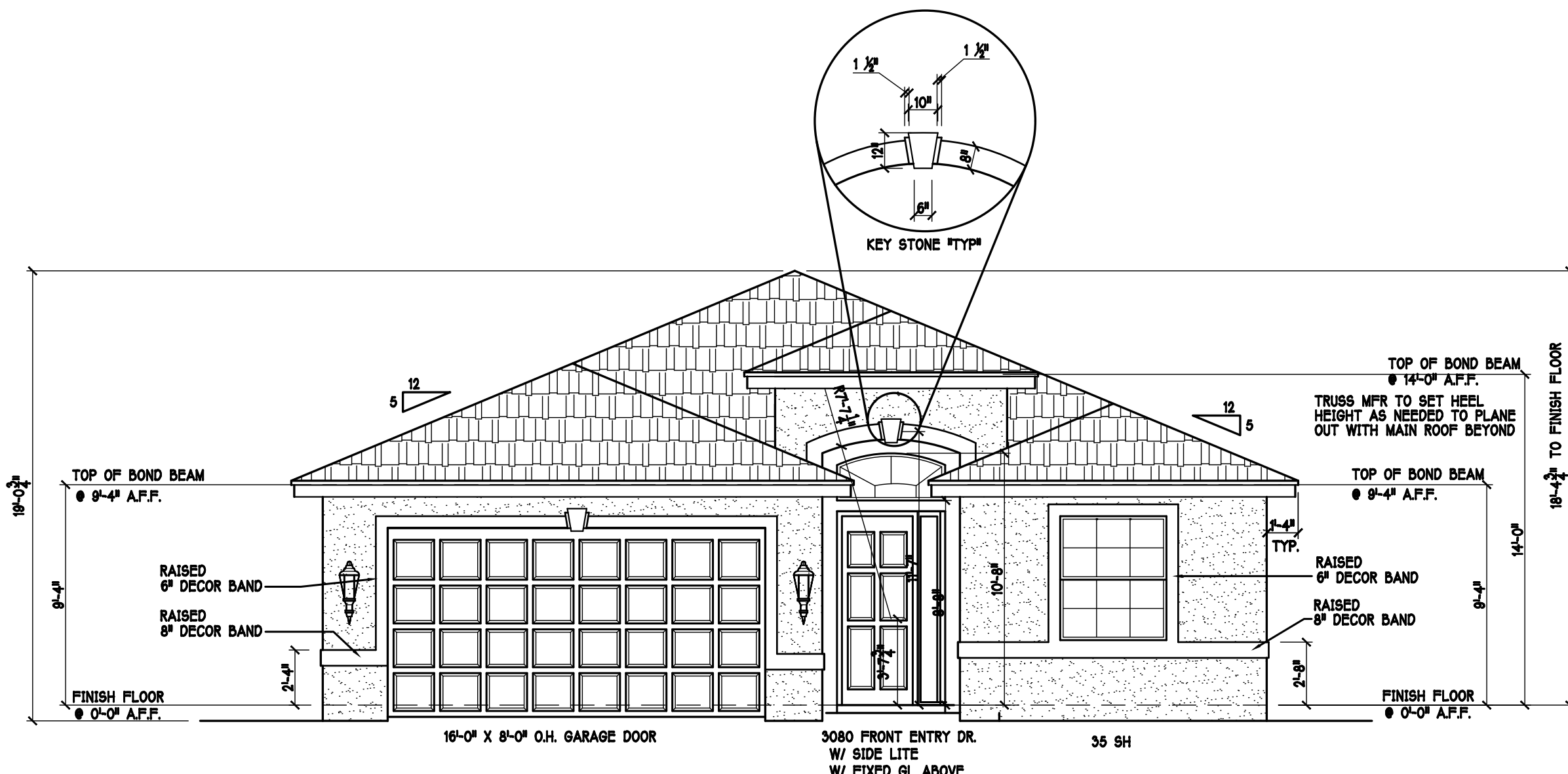
Job Information

RBS# : **11120228M7**
Builder: **D.R. HORTON**
Owner :
County :
City :
Address :
Lot :
Block :
Sub :
Model : **1983 A +6' GAR.**

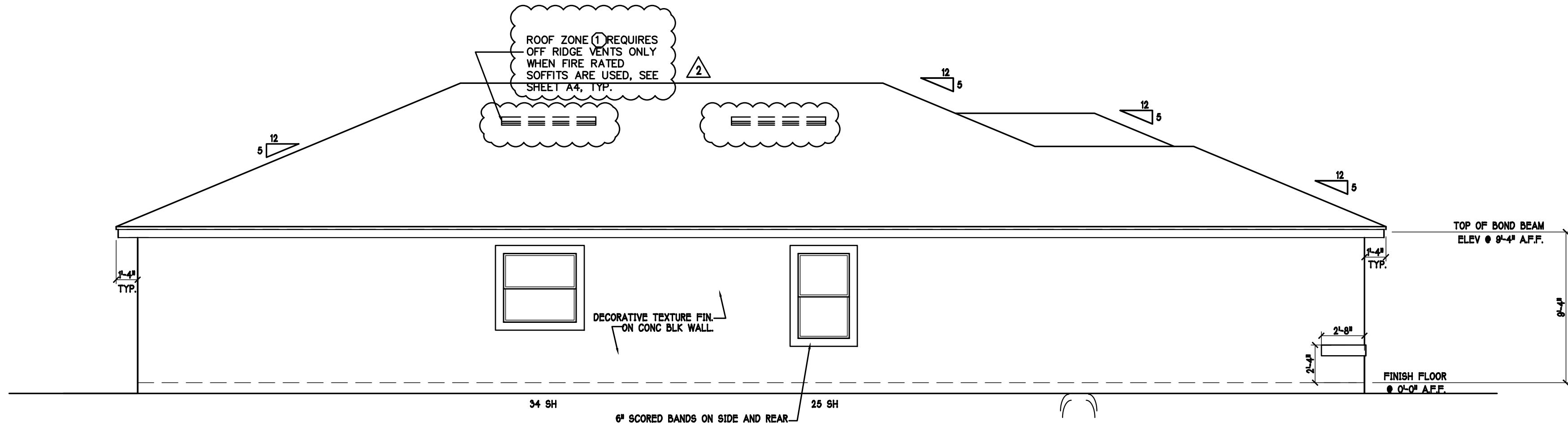
Roof Covering: **TILE/SHINGLE**
Scale : **3/16" = 1'-0"**
Date : **March 26, 2014**
Drawn By: **Bryan Majoras**



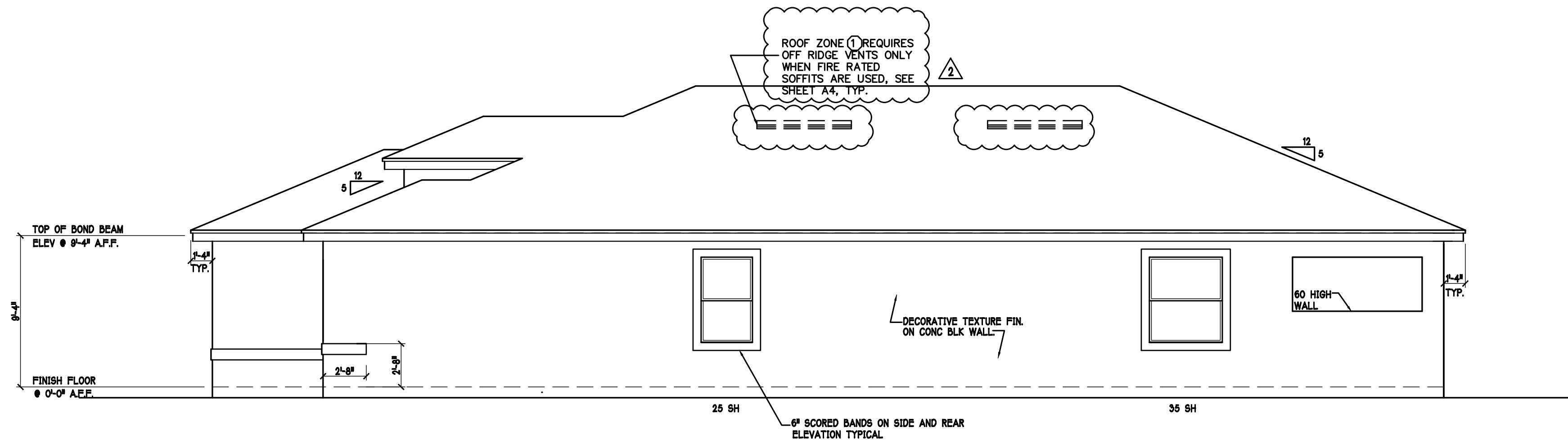
REAR ELEVATION: "A" SCALE: 3/16" = 1'-0"



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

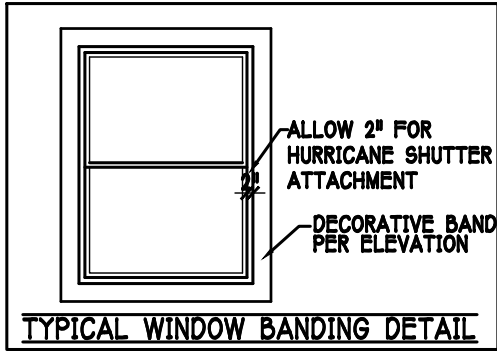


LEFT SIDE ELEVATION: "A" SCALE: 3/16" = 1'-0"



RIGHT SIDE ELEVATION: "A" SCALE: 3/16" = 1'-0"

REVISIONS		
MARK	DATE	DESCRIPTION
△	04-6-16	ADDED SOFFIT DETAILS TO PLANS
		SHEET A-4D A-6.
△	08-25-16	ADDED OFF RIDGE VENTS TO PLANS



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

Gulf Coast Drafting & Design

Phone (239) 540-1822

Fax (239) 540-7759

This document and all its contents are the property of the Structural Engineer of Record (SEIR) and shall not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the SEIR. The SEIR shall not be held responsible for any errors or omissions in this document, nor shall the SEIR be held responsible for any consequences arising from the use of this document.

STRUCTURAL SYSTEMS OF NORTH FLORIDA

1634 S.E. 47th ST. SUITE #3

CELESTIAL, FL 33409-4554

CA# 8882

MODEL: UNIT 1983

LOT: SUBDIV: MOODY RIVER 50'S

RESIDENCE FOR: ADDRESS: 13128 SILVER THORN LOOP

SPEC G.C.D.#: 9098 D.R.H.#: 577960055

DATE: 1-19-16

DRAWN BY: CWL

CHECKED BY: JWC

REVISED: 08-25-16

PLAN: ELEVATION

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

SHEET# A-1A

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.

PAD FOOTING SCHEDULE						
TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINF.		REMARKS
				LONG WAY	SHORT WAY	
A	2'-6"	2'-6"	1'-0"	3-#5	3-#5	-
B	3'-0"	3'-0"	1'-0"	4-#5	4-#5	-
C	3'-6"	3'-6"	1'-0"	4-#5	4-#5	-
D	4'-0"	4'-0"	1'-2"	5-#5	5-#5	-
E	5'-0"	5'-0"	1'-2"	6-#5	6-#5	-

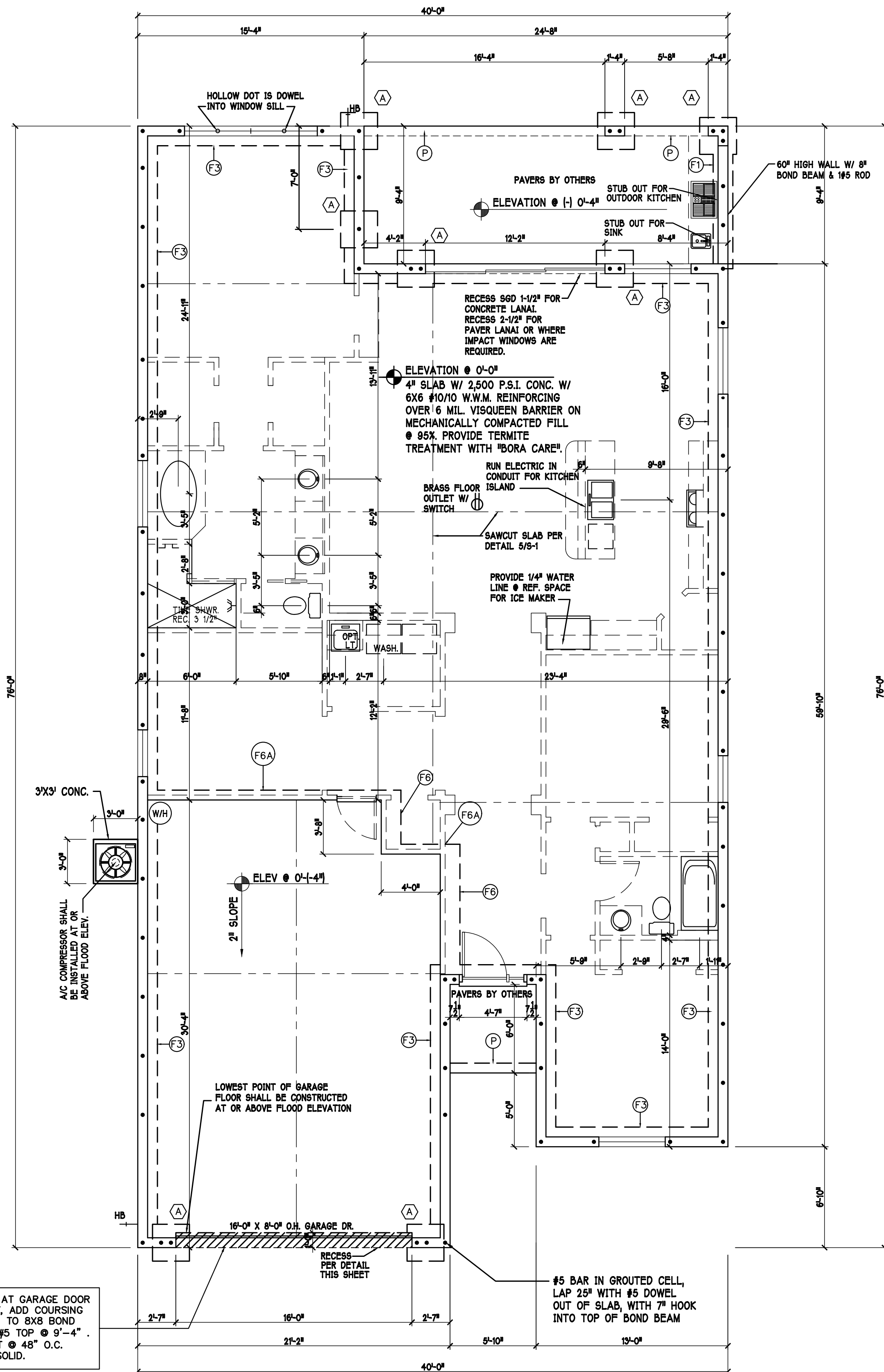
FOUNDATION PLAN

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

PLAN NOTES:

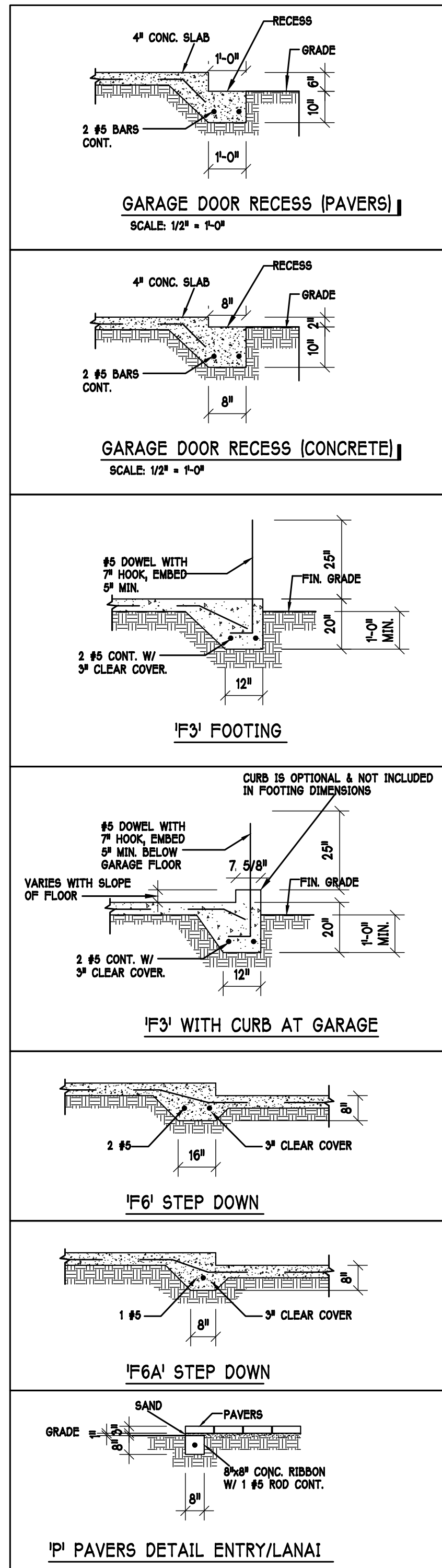
- 1) TOP OF GROUND FLOOR SLAB DATUM ELEVATION 0'-0".
- 2) 'F# DENOTES CONTINUOUS WALL FOOTING TYPE PER SCHEDULE THIS SHEET.
- 3) # DENOTES PAD FOOTING AT CONCENTRATED LOADS PER SCHEDULE THIS SHEET.
- 4) PROVIDE #5 VERTICAL REINFORCING AT DOT LOCATIONS SHOWN ON PLAN FROM FOOTING TO BOND BEAM.
- 5) ALL 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-1.

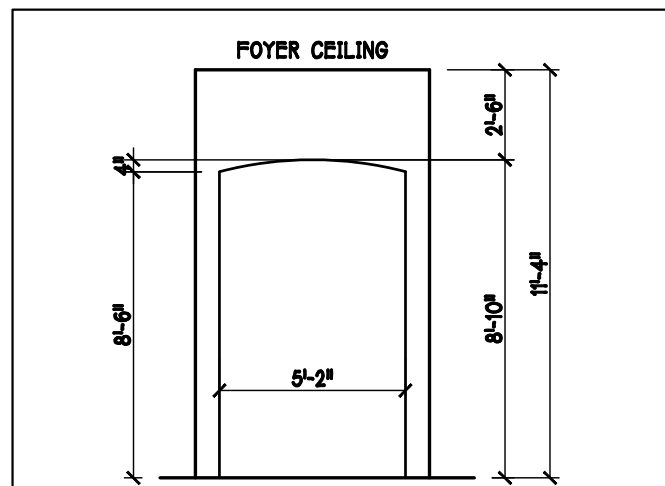
8F8-1B SET AT GARAGE DOOR HEAD HEIGHT, ADD COURSING AS REQUIRED TO 6X6 BOND BEAM W/ 1 #5 TOP @ 9'-4". ADD #5 VERT @ 48" O.C. GROUT ALL SOLID.



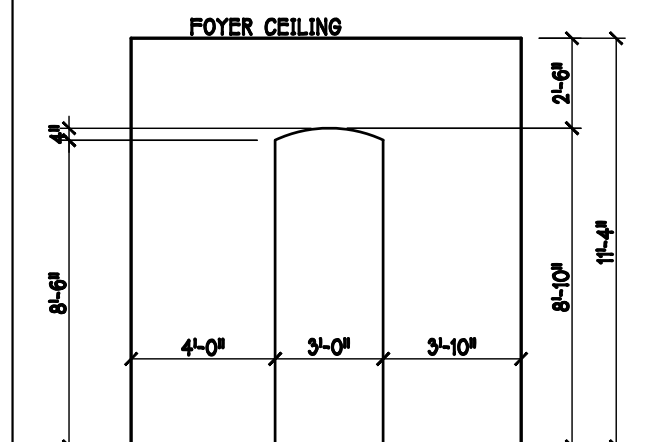
FOUNDATION PLAN:

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

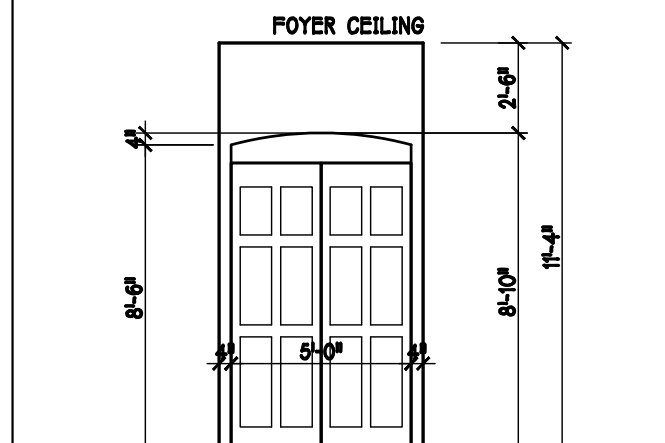




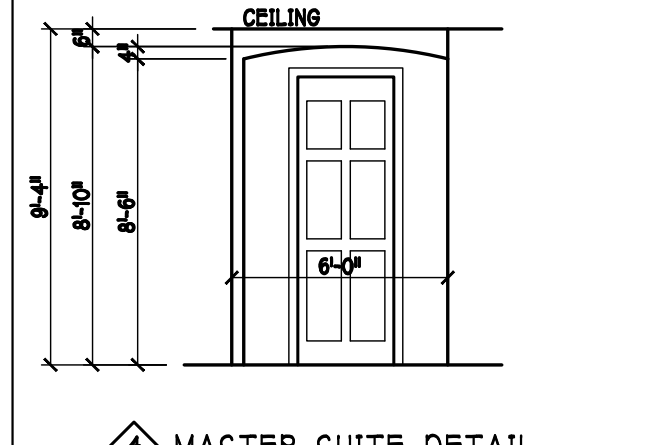
FOYER DETAIL



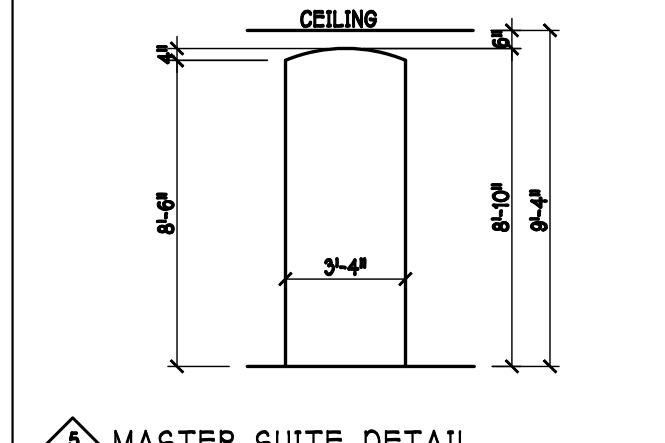
HALL/FOYER DETAIL



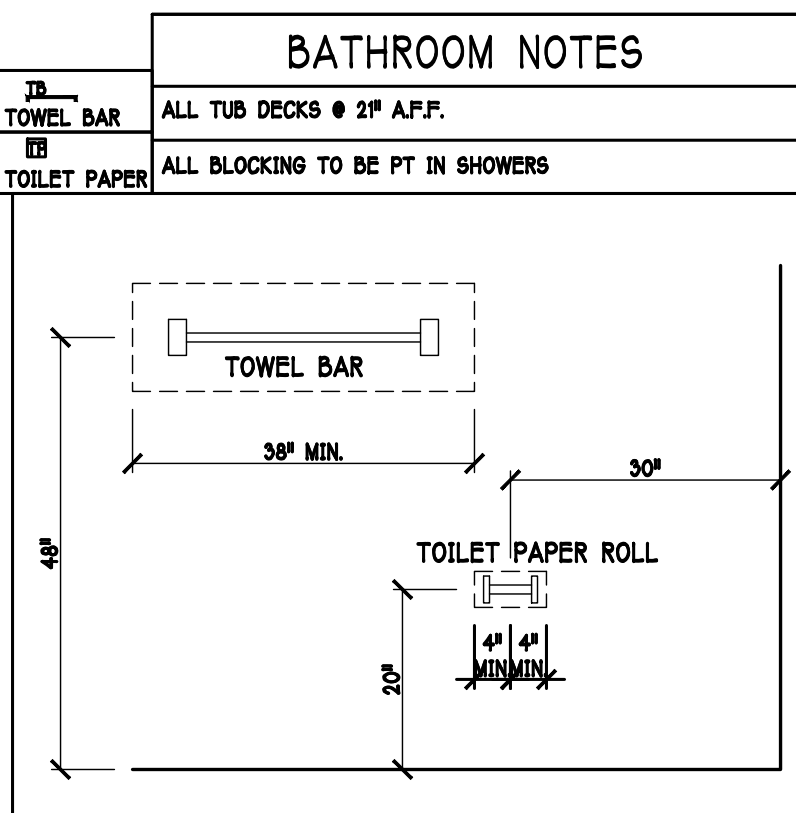
DEN/FOYER DETAIL



MASTER SUITE DETAIL



MASTER SUITE DETAIL



MARK	DOOR WIDTH	NOTES
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"	L.V. = LOUVERED DOOR
5	2'-0"	
6	7'-8"	
7	7'-6"	

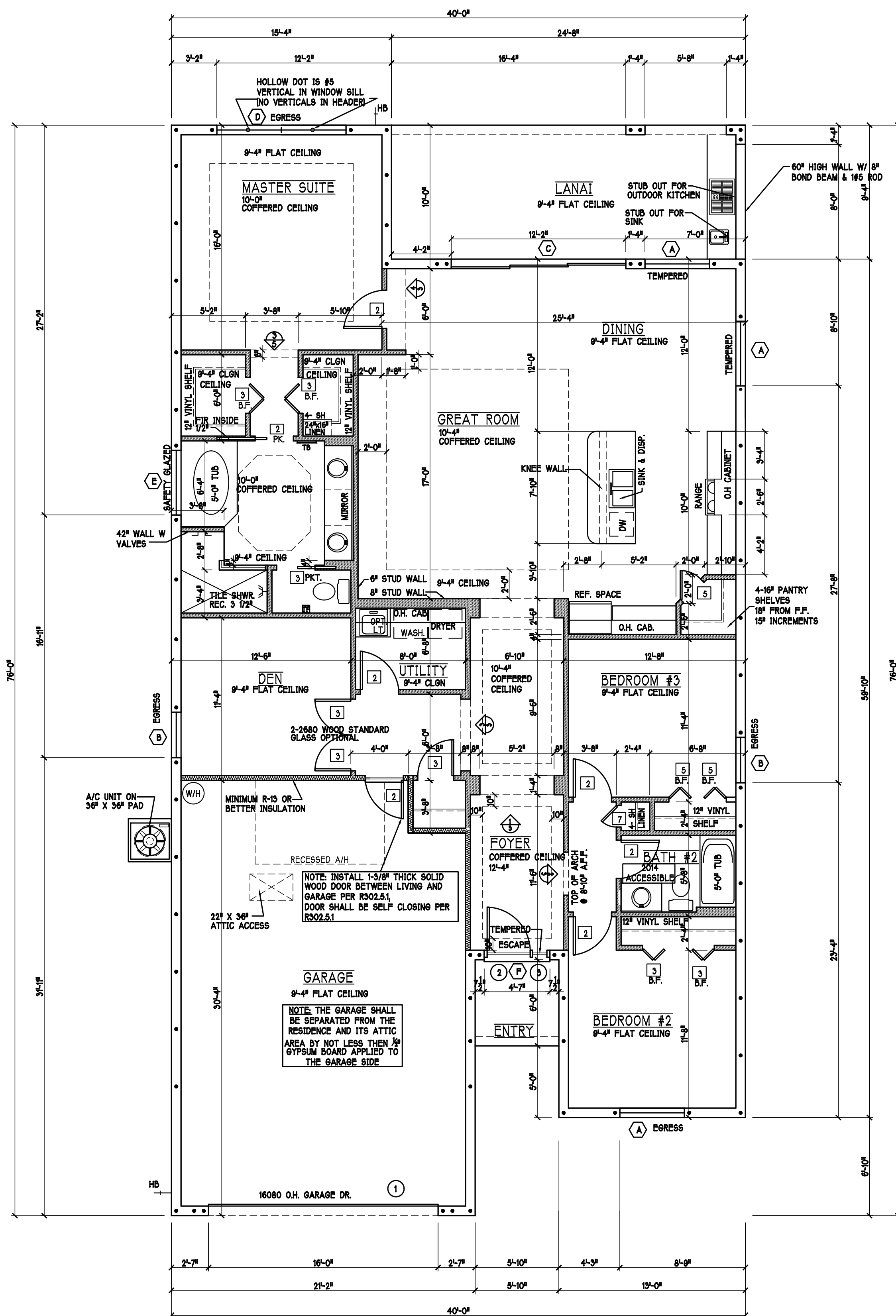
PROVIDE SAFETY GLAZING WITHIN 24" FROM EXIT DOOR.
(PER FLORIDA BUILDING CODE-R308.3.1)

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

**** NOTE. ****
STUB OUT FOR GAS • OUTDOOR KITCHEN, RANGE, WATER HEATER, AND DRYER. VERIFY WITH CONTRACT AND SUBDIV. SPECS. A SEPARATE PERMIT IS REQUIRED FOR GAS PIPING.

VINYL SHELF NOTES:

- 1) ALL CLOSET SHELVES TO BE 12"
- 2) ALL PANTRY & LINEN TO BE (4) 18" SHELVES 18" O.F.F. WITH 18" INCREMENT.



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

WIND PRESSURES PER ASCE7-10, 160 MPH, EXPOSURE B, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR. V ₅₀ =124 MPH						
MARK	SIZE CODE	PRODUCT DESCRIPTION	DOOR WIDTH	DOOR HEIGHT	ZONE WIND PRESSURE	WIND-BORNE DEBRIS PROTECTION
1	OVERHEAD	GARAGE DOOR	182	96	465	+25.5/-26.0
2	ENTRY DR.	DISTINCTION	36	96	4	+27.7/-30.0
3	SIDE LITE		12	96	5	+27.7/-30.0

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 ₅₀ =124 MPH						
MARK	SIZE CODE	PRODUCT DESCRIPTION	ZONE	WIND PRESSURE	WIND-BORNE DEBRIS PROTECTION	QTY
A	35	SH	4	+27.7/-30.0	SHUTTERS	3
B	25	SH	5	+27.7/-30.0	SHUTTERS	2
C	5-4080	SL. GL. DR.	4	+24.4/-26.7	SHUTTERS	1
D	2-35	SH	4	+27.7/-30.0	SHUTTERS	1
E	34	SH	4	+27.7/-30.0	SHUTTERS	1
F	58" X 34"	FIXED GL.	5	+27.7/-30.0	SHUTTERS	1
						8

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

DOOR HEADERS		
8'-0" BIFOLD	HEADER HEIGHT	82" A.F.F.
8'-8" POCKET	HEADER HEIGHT	82 1/2" A.F.F.
8'-0" POCKET	HEADER HEIGHT	88 1/2" A.F.F.

PLAN NOTES

- 1) VERIFY ALL ROUGH OPENING DIMENSIONS FOR ALL WINDOWS AND DOORS
- 2) PROVIDE SAFETY GLAZING WITHIN 24" FROM EXIT PER FLORIDA BUILDING CODE R 308.3.1
- 3) PROVIDE SAFETY GLAZING AT BATH / SHOWER . PER FLORIDA BUILDING CODE R 308.3.1
- 4) NON BEARING INTERIOR FRAME WALLS SHALL BE FRAMED W/ WOOD OR METAL STUDS. SPACING SHALL NOT EXCEED 24" O.C. (NON BEARING WALLS ONLY)
- 5) PROVIDE DEAD WOOD IN ATTIC FOR OVERHEAD GARAGE DOOR HARDWARE
- 6) 2X6 KITCHEN KNEE WALL 34" TO TOP
- 7) WHERE DRYWALL CEILING IS APPLIED TO TRUSSES AT 24" O.C. USE 5/8" DRYWALL OR 1/2" GAG RESISTANT PER SEC. 702.5.5
- 8) 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.
- 9) INSTALL 1 3/8" THICK SOLID WOOD DOOR BETWEEN LIVING AND GARAGE PER FLORIDA BUILDING CODE: R302.5.1 HEADER @ 83". DOOR SHALL BE SELF CLOSING R302.5.1
- 10) ALL WINDOWS INSTALL 72" ABOVE GRADE MUST COMPLY WITH R 612.2 MIN 24" SILL HEIGHT OR PROVIDED WITH AN APPROVED WINDOW FALL PREVENTION DEVICE
- 11) 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.
- 12) ALL CLOSET SHELVES TO BE 12". ALL PANTRY & LINEN TO BE (4)-18" SHELVES 18" O.F.F. WITH 18" INCREMENT.

CABINET BACKING

KITCHEN	UPPER TOP @ 54", 84", 96"	BASE TOP @ 35"
	MICROWAVE @ 102"	
MASTER BATH	UPPER	BASE- TOP @ 35"
GUEST BATH	UPPER	BASE- TOP @ 35"
LAUNDRY RM.	UPPER TOP @ 84"	BASE

SQUARE FOOTAGE	
FLOOR LIVING AREA	1885
GARAGE AREA	634
ENTRY AREA	36
LANAI AREA	230
TOTAL AREA	2,882

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

STRUCTURAL SYSTEMS
SILVER THORN LOOP
CAPE CANAVERALE, FL 33904
(239) 549-4554
CA# 8829

MODEL: UNIT 1983
LOT: SUBDIV: MOODY RIVER 50'S
RESIDENCE FOR: SPEC
BLOCK: ADDRESS: 13128 SILVER THORN LOOP
D.R.H.#: 57796055
G.C.D.#: 9098

DATE: 1-19-16
DRAWN BY: CWL
CHECKED BY: JWC
REVISED: 08-25-16
PLAN: FLOOR PLAN
SCALE: 3/16" = 1'-0"
SHEET#

A-3



COFFER DETAIL "C"

SCALE: 3/8" = 1'-0"

ELEVATION @ +12⁰⁰

COFFER DETAIL "B"

SCALE: 3/8"= 1'-0"

SOFFIT VENTS ALONG FRONT REAR & RIGHT SIDE ONLY
FIRE RATED SOFFITS, ON LEFT SIDE OF HOUSE.

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 1/50]		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	MIN AIR FLOW OF SOFFIT
①	2882 SQ. FT.	192 SQ. FT.	7.4%	DOES NOT QUALIFY	
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" RISE

145 SQ. FT.
FREE AREA

2'-0" BASE

2'-0" RISE

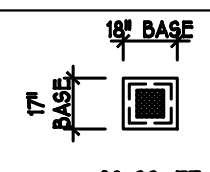
1 SQ. FT.
FREE AREA

1'-0" BASE

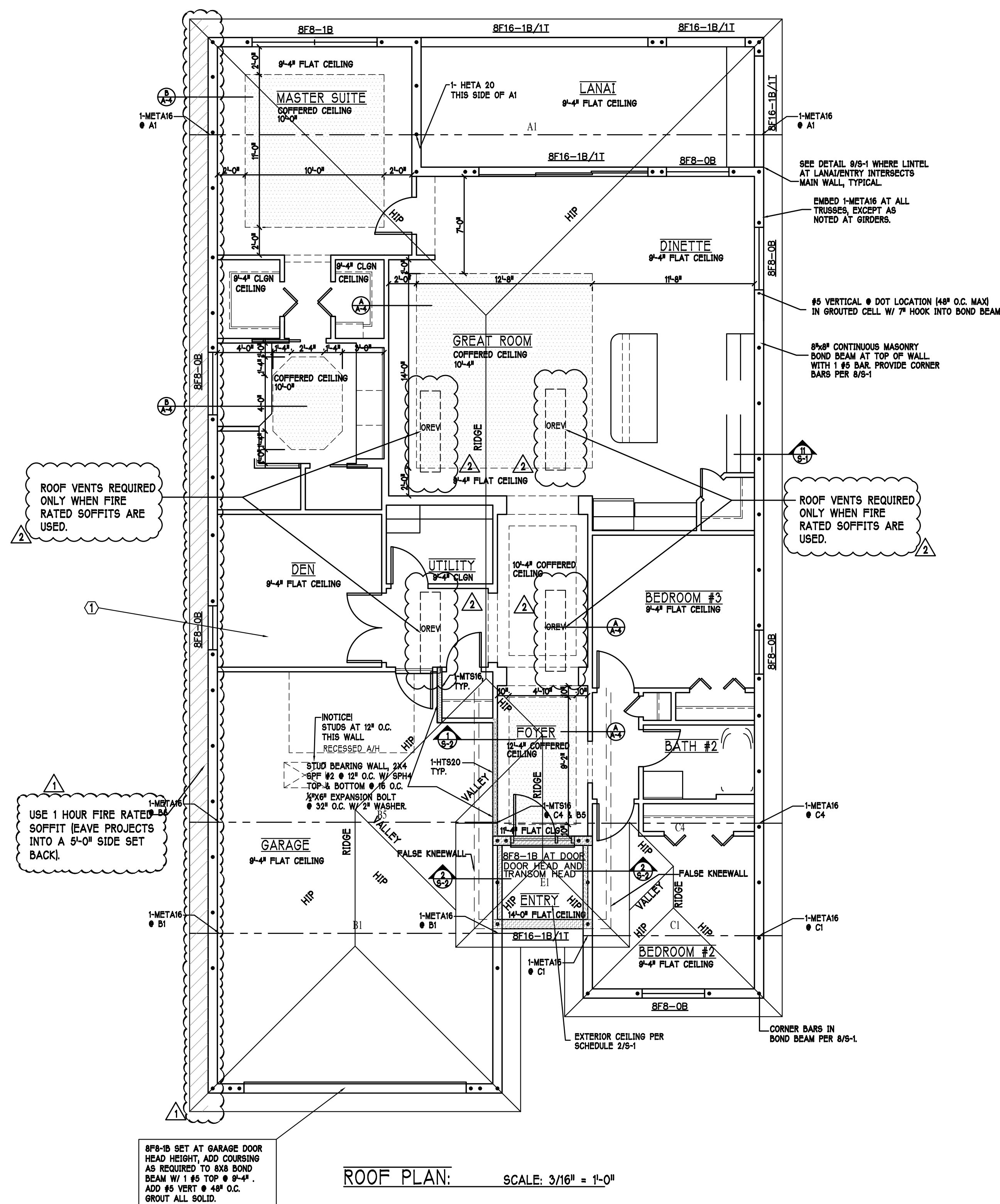
1'-0" RISE

.36 SQ. FT.
FREE AREA

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

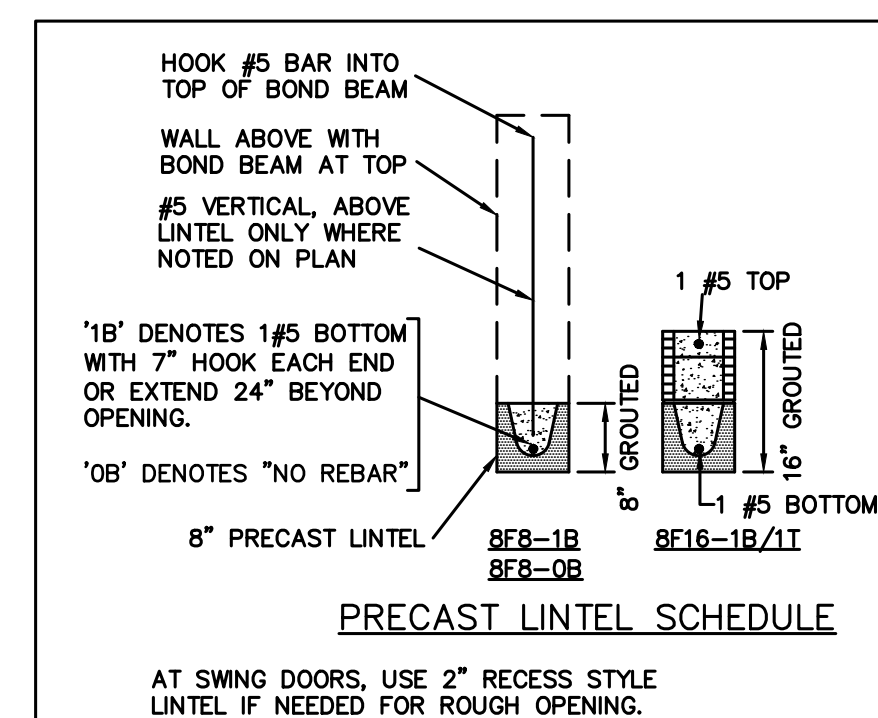


OFF RIDGE EXHAUST VENT SIZES
[AREA NET FREE SQUARE FEET]
SCALE: 1/4"=1'-0"



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

REVISIONS		
MARK	DATE	DESCRIPTION
①	04-6-16	ADDED SOFFIT DETAILS TO PLANS
		SHEET A-4D A-6.
②	08-25-16	ADDED OFF RIDGE VENTS TO PLANS



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-1.
- 3) STRAPPING AT TRUSSES PER NOTES ON THIS SHEET.
- 4) FOR NAILING OF ROOF DECK, SEE 1 AND 2 ON S-1.
- 5) BFB-18 etc., DENOTES PRECAST LINTEL ABOVE DOOR/WINDOW OPENING PER SCHEDULE THIS SHEET.
- 6) AT TRUS BEARING, PROVIDE 8x8 MASONRY BOND BEAM W/ 1 #5 CONTINUOUS, SEE DETAIL 2/A-6.

TRUSS STRAPPING TO MASONRY			
	MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER
INSTALL METAL6 AT	→ 1450	(1)MET#16 TO 40	9-10dx1 1/2", EMBED 4"
TRUSSES TO	1810	(1)MET#16 TO 40	10-10dx1 1/2", EMBED 4"
1450 lb	2235	(1)HHE#16 TO 40	12-10dx1 1/2", EMBED 4"
UPLIFT,	1985 (1 PLY)	(2)MET#12 TO 40	12-10dx1 1/2", EMBED 4"
FOR HIGHER	2500 (2 PLY)	(2)MET#12 TO 40	14-16d, EMBED 4"
UPLIFTS	2500 (2 PLY)	(2)HHE#12 TO 22	14-16d, EMBED 4"
SECTIONS	2500 (2 PLY)		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/F OF WALL.
- 2) CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTIONS 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-1.

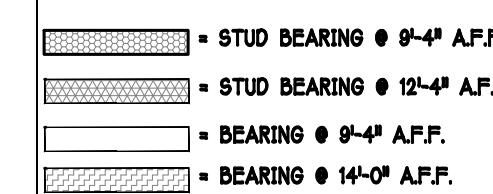
TRUSS STRAPPING TO STUD WALL/WOOD BEAM			
	MAX. TRUSS UPLIFT ● 2" OC (LBS)	CONNECTOR	FASTENER
INSTALL AT ALL TRUSSES TO 840 LB UPLIFT. FOR HIGHER UPLIFTS,	840	(1)M1TS12 to 20	14—10dx1 1/2"
	1680	(2)M1TS12 to 20	14—10dx1 1/2"
	2520	(3)M1TS12 to 20	24—10dx1 1/2"
	1450	(1)H1TS20 to 30	14—10dx1 1/2"
	2900	(3)H1TS20 to 30	24—10dx1 1/2"
	4350	(4)H1TS20 to 30	24—10dx1 1/2"
	5800	(4)H1TS20 to 30	24—10dx1 1/2"

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.
- 2) CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS.

TRUSS BEARING CONDITIONS AND
STRAPPING IS BASED
ON TRUSS LAYOUT PREPARED BY RAYMOND,
JOB # 11120228M7, DATED: 03/26/2014, REVISED: 03/03/2015

BEARING HEIGHT



D.R. HORTON • RHI NYSE
America's Builder

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

designed by the Structural Engineers of Record only. No work was performed by the SIER in mechanical, plumbing, electrical, fire, life safety, rail, or geotechnical.

STRUCTURAL ENGINEERING

STRUCTURAL SYSTEMS

OF NORTH FLORIDA

1634 S.E. 47th ST SUITE #3
CORAL GABLES, FL 33004
(305) 442-2239 FAX 442-4554

CA# 8829

BLOCK:

LOT:

MODEL:
UNIT 1983

THORN LOOP

ADDRESS: 131

THORN LOOP
D.R.H.#: 577960055

ADDRESS: 131
G.C.D.#: 9098

DATE: 1-19-16

DRAWN BY:

CHECKED BY: JWC

REVISED:
 08-25-16

PLAN:
ROOF PLAN

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

SHEET#

A-4 A&C

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

[illegible]

ELECTRICAL LEGEND

	ELECTRICAL METER
	ELECTRICAL PANEL
	120 V JUNCTION BOX
	SINGLE RECEPTACLE OUTLET
	230 V RECEPTACLE OUTLET
	4-PLEX RECEPTACLE OUTLET
	DUPLEX RECEPTACLE OUTLET
	1/2 SWITCHED DUPLEX OUTLET
	DUPLEX RECEPTACLE @ ELEV. A.P.F.
	TIMER SWITCH
	GFI SWITCH
	DIMMER SWITCH
	3 WAY SWITCH
	SINGLE POLE SWITCH
	AC/DC SMOKE DETECTOR TO BE INTERCONNECTED ANY RESIDENT HAVING A FOSSIL-BURNING APPLIANCE SUCH AS 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 90-3.04.72
	TELEPHONE OUTLET
	TELEVISION RECEPTION OUTLET
	SURFACE MOUNTED CEILING LIGHT
	RECESSED LIGHT
	WALL MTD. BRACKET LIGHT
	EXHAUST FAN
	AFC DISCONNECT
	PUSH BUTTON
	DOOR BELL

MODEL:	LOT:	BLOCK :
UNIT 1983	SUBDIV: MOODY RIVER 50'S	
RESIDENCE FOR:	ADDRESS: 13128 SILVER THORN LOOP	
SPEC	G.C.D.#: 9098	D.R.H.#: 577960055

DATE:	1-19-16
DRAWN BY:	CWL
CHECKED BY:	JWC
REVISED:	
	08-25-16
PLAN:	ELECTRICAL
SCALE:	3/16" = 1'-0"
SHEET#	A-5

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 CONTRACTORS 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, GUTS, OR TIE DOWNS.
9. CEILING DRYWALL INSTALLED WITHIN THE HOUSE TO TRUSSES SPACED 24" O.C. SHALL BE 5/8" DRYWALL OR 1/2" SAG RESISTANT PER SEC. 702.3.5
10. LANAI CEILINGS & COVERED ENTRY CEILINGS
1x6 STRIPINGS @ 6" o/c FASTENED WITH 2-8d NAILS TO EACH TRUSS. 5/8" EXTERIOR GYPBOARD CEILING FASTENED WITH 8d NAILS OR 1-5/8" DRYWALL SCREWS @ 6" o/c EDGE AND FIELD.

ANCHORAGE REQUIREMENTS-- ALL PASS AND SLIDING GLASS DOORS AND ALL WINDOW ASSEMBLIES SHALL BE ANCHORED TO THE MAIN WIND FORCE RESISTING SYSTEM IN A MANNER SPECIFIED BY THE PUBLISHED MANUFACTURERS LITERATURE. THERE SHALL BE NO SUBSTITUTION OF ALTERNATE FASTENINGS UNLESS PROVIDED BY THE MANUFACTURER AND APPROVED BY THE BUILDING DESIGN ENGINEER.

MASONRY OPENING

WHERE WINDOW FRAME IS DESIGN TO FASTEN WITH SCREWS THROUGH THE FRAME AND INTO THE MASONRY, THE BUCK MATERIAL IS SIMPLY A SPACER. THE BUCK MAY BE FASTENED WITH 1 NAILS OR ANY SUITABLE FASTENER TO TACK IT INTO POSITION PRIOR TO WINDOW INSTALLATION. FASTEN WINDOW FRAME PER MFR INSTRUCTIONS. A WINDOW FASTENER SHALL PENETRATE MASONRY BY 2 1/4" MIN.

WHERE WINDOW FRAME IS DESIGNED TO FASTEN ONLY TO THE WOOD BUCK (IE FLANGED FRAME WITH WOOD SCREWS) THE BUCKS SHALL BE 2X WOOD WITH STRUCTURAL FASTENING TO THE MASONRY WITH 1/4X 3 3/4 MASONRY SCREWS @ 24" OC AND 6" FROM EACH END.

WOOD FRAMED OPENING-- ALL DOORS AND WINDOWS SHALL BE INSTALLED ACCORDING TO THE PUBLISHED MANUFACTURERS LITERATURE OF THE ASSEMBLY BEING INSTALLED TO THE ROUGH SUBSTRATE OPENING. SHIM SHALL BE MADE OF MATERIALS CAPABLE OF RESISTING THE APPLIED LOADS AND SHALL BE LOCATED NEAR EACH FRAME FASTENER TO MINIMIZE DISTORTION OF THE FRAME AS THE FASTENERS ARE TIGHTENED.

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 #4 CLIPS AT UNSUPPORTED PANEL EDGES. THE ROOF SHEATHING SHALL BE NAILED WITH 84 RING SHANK NAILS #6@ 0.C. BELOW NAIL END, ENSURE THAT ALL NAILS PENETRATE THE TOP CHORD OF THE TRUSS WITHOUT SPLITTING. RING SHANK NAILS PER R603.2.3.1 - 0.139" 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.

FLASHING

FLASHING SHALL BE ALUMINUM, ALUMINUM ZINC COATED STEEL .0779 INCHES THICK, 26 GAGE A250 ALUM ZINC, OR GALVANIZED STEEL .0779 INCHES THICK, 26 GAGE ZINC COATED G90. FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH THE ZIP SYSTEM ROOF SHEATHING MANUFACTURERS PUBLISHED REQUIREMENTS. ALL FLASHING AN INSTALLATION SHALL CONFORM TO SECTION R905.2.8 (1) TO (5).

DRIP EDGE

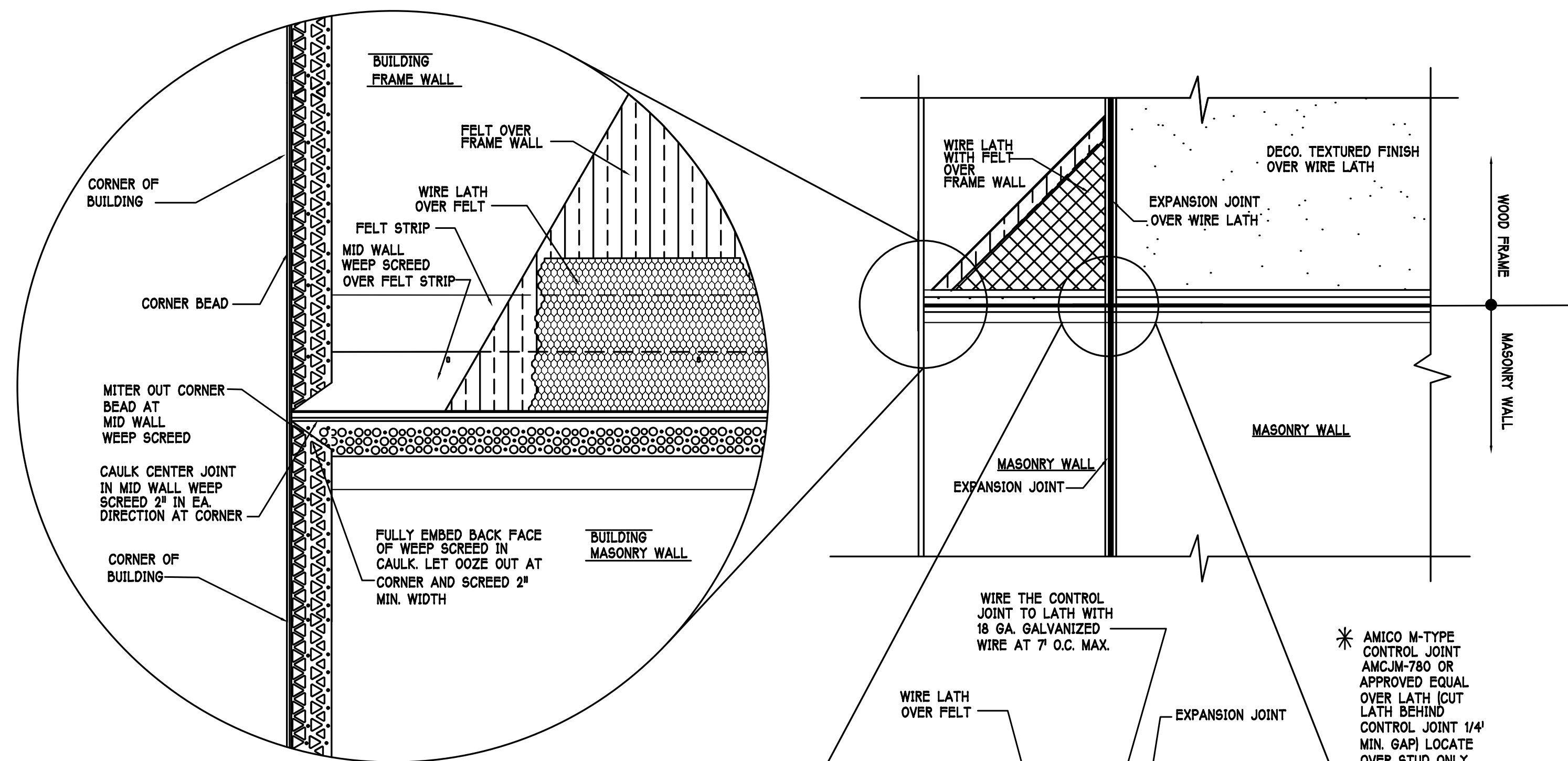
DRIP EDGE SHALL BE PROVIDED AT ALL EAVES AND GABLES OF SHINGLE ROOFS. FLASHING SHALL BE MINIMUM OF 4" JOINT. THE OUTSIDE EDGE SHALL EXTEND A MINIMUM OF 1/2" BELOW SHEATHING AND THE INSIDE EDGE SHALL EXTEND BACK A MINIMUM OF 2". DRIP EDGE SHALL BE FASTENED AT NO MORE THAN 4" CENTERS. THERE SHALL BE A MINIMUM OF 4" WIDTH OF ROOF CEMENT INSTALLED OVER THE DRIP EDGE FLANGE.

1. ALL WOOD FRAMING SHALL BE FABRICATED AND INSTALLED PER NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION.
2. UNLESS NOTED OTHERWISE THE FOLLOWING MINIMUM GRADES SHALL BE USED:
 - A. INTERIOR BEARING WALLS SPF #2
 - B. RAFTERS, JOISTS, HEADERS AND BEAMS SYP #2.EXTERIOR BEARING WALLS,
3. 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, PRESSURE TREATED.
4. CONTRACTOR SHALL PROVIDE ALL FASTENING DEVICES AS SHOWN ON THE DRAWINGS AND AS NECESSARY AND SUITED FOR EACH APPLICATION. FASTENING SUBJECT TO MOISTURE SHALL BE HOT DIP GALVANIZED TO ASTM A-153-80, OR STAINLESS STEEL.
5. ALL METAL CONNECTIONS AND FABRICATIONS SHALL COMPLY WITH AISC SPECIFICATIONS.
6. SOLID BLOCK ALL JOISTS AND RAFTERS AT POINTS OF SUPPORT.
7. PREFABRICATED STRUCTURAL TRUSSES SHALL COMPLY WITH NFPA NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION, TPI DESIGN SPECIFICATIONS FOR METAL PLATE WOOD TRUSSES AND ATTIC 100.
8. ALL TRUSSES SHALL BE DESIGNED AND CERTIFIED BY THE TRUSS MANUFACTURERS STATE OF FLORIDA REGISTERED ENGINEER.
9. CONTRACTOR SHALL CORRELATE WITH TRUSS MANUFACTURER TO ENSURE THAT ADEQUATE BEARING IS PROVIDED AT END REACTIONS OF ALL GIRDER TRUSSES.
10. TRUSS MANUFACTURER SHALL SUBMIT SHOP DRAWINGS TO THE CONTRACTOR AND DESIGNER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF DIMENSIONS, MATERIALS AND CONDITIONS.
11. AT VOLUME CEILING CONDITIONS, ALIGN TRUSSES TO PROVIDE A SMOOTH AND UNBROKEN INTERIOR WALL SURFACE FROM FLOOR TO CEILING.
12. BRACE TRUSSES DURING ERECTION AND AFTER PERMANENT INSTALLATION TO COMPLY WITH TPI BWY-76.
13. MICRO-LAMS (OR EQUAL PARALAMS, LVL'S, ETC) SHALL BE USED WHERE SPECIFIED ON ENGINEERED PLANS AND INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. ANY EDGES OR ENDS EXPOSED TO THE WEATHER SHALL BE PROTECTED BY THE INSTALLATION OF 26 GA, MIN, GALVANIZED STEEL FLASHING.
14. SPLICES IN MULTI-BOARD CONTINUOUS BEAMS SHALL BE ALLOWED FOR ONE BOARD ONLY PER SPAN AND ONLY AT THE QUARTER POINT OF THE SPAN, UNLESS SHOWN OTHERWISE.
15. SPACE FRAMING OF ARCHES UNDER THE BEAM SHALL BE FILL IN FRAME UNLESS NOTED OR CONSTRUCTED OTHERWISE.

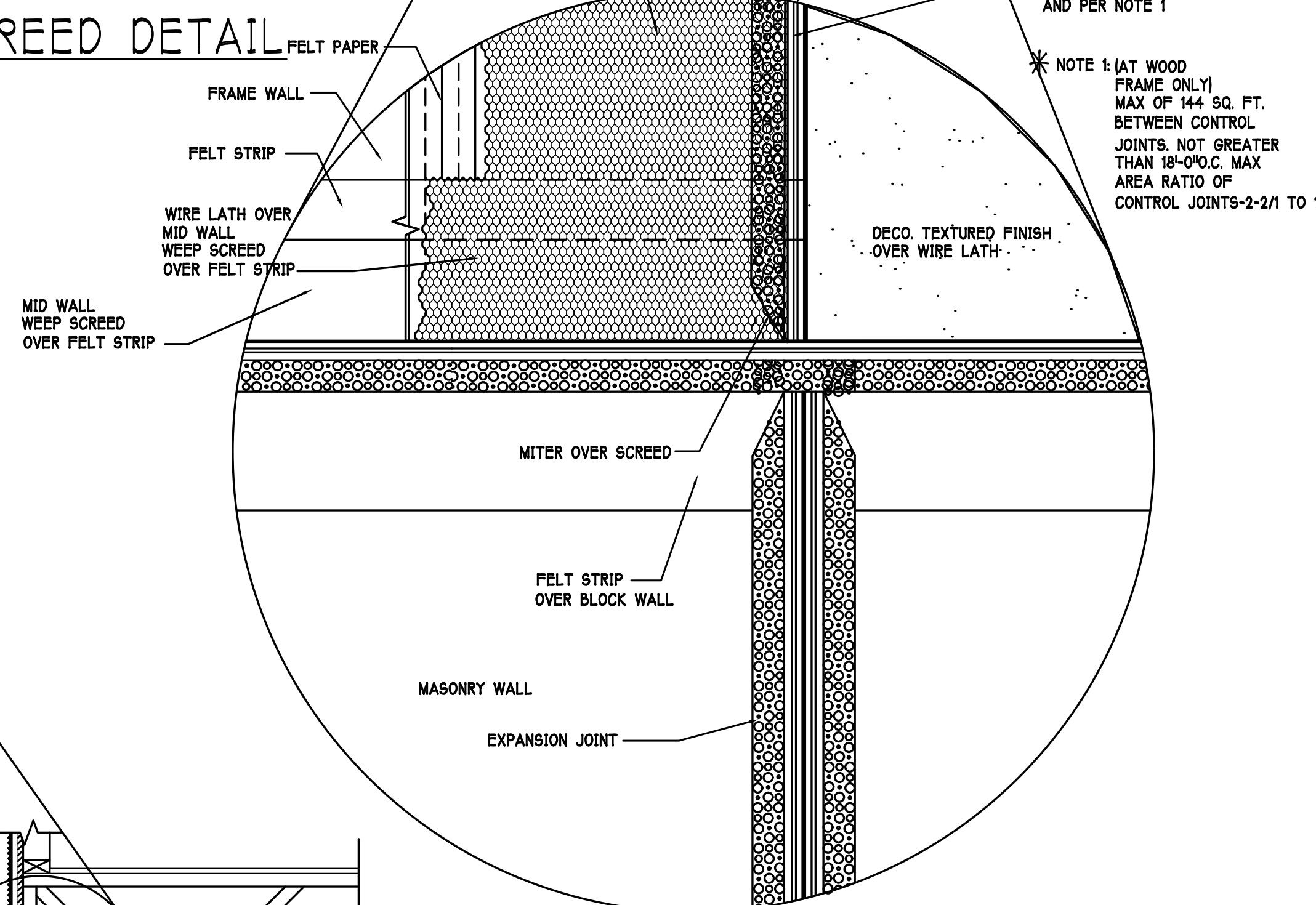
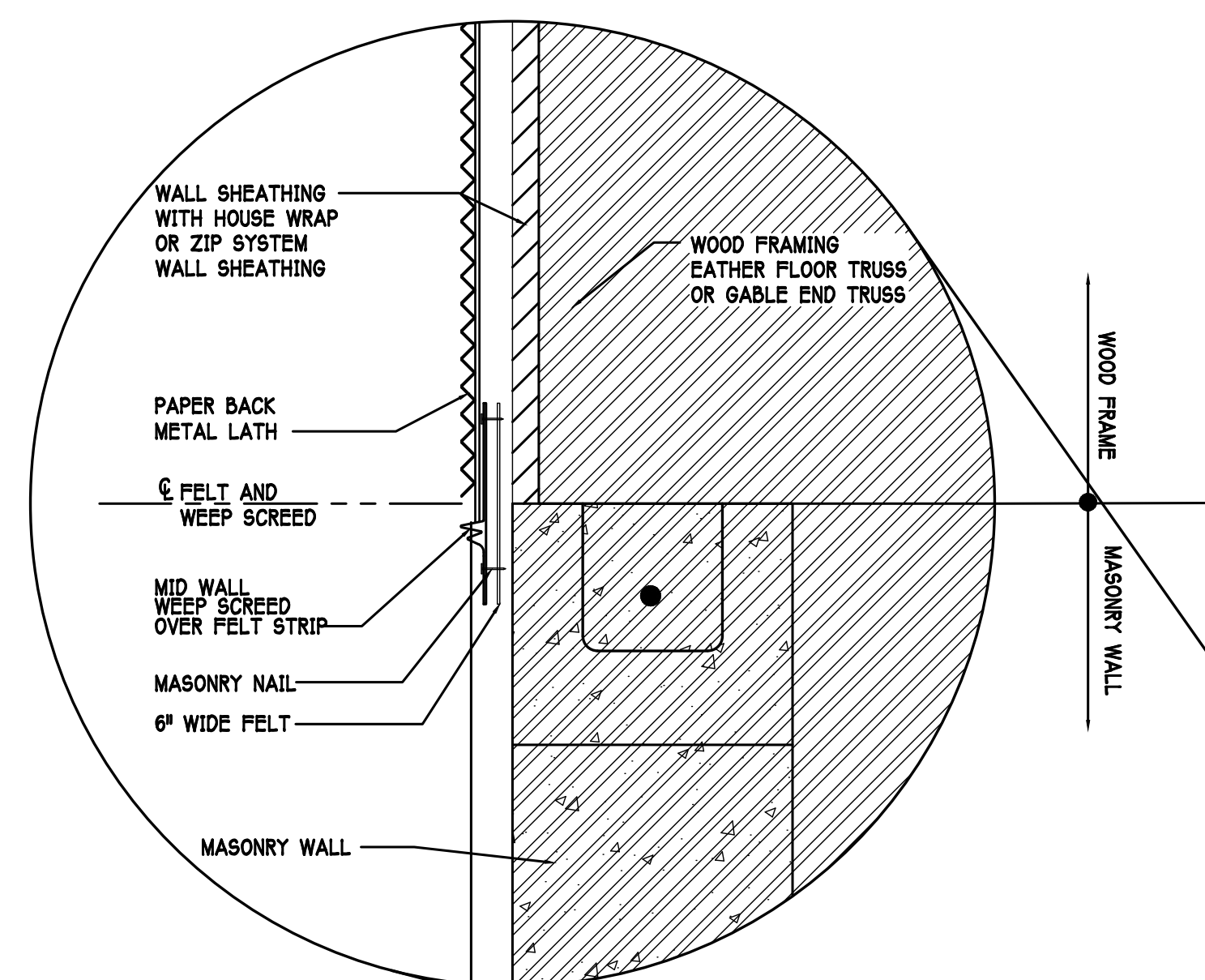
7

FLOOR SHEATHING AT 2ND FLOOR
A.P.A. RATED STURDI-FLOOR, EXPOSURE 1, TONGUE & GROOVE EDGES
SPAN RATING 48/24 OR BETTER, GLUE AND NAIL W/
10d COMMON @ 6" O.C. EDGE AND FIELD.



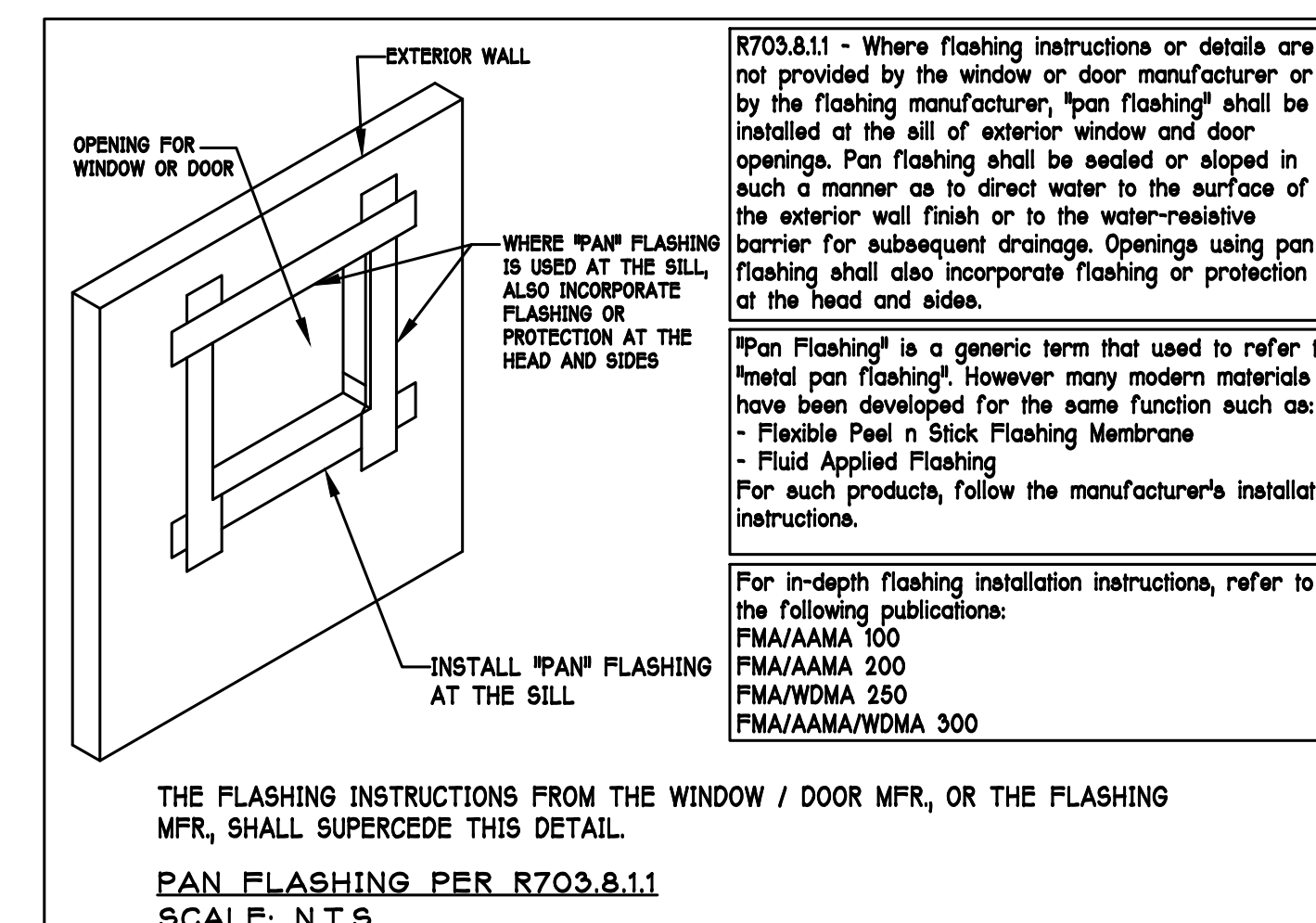


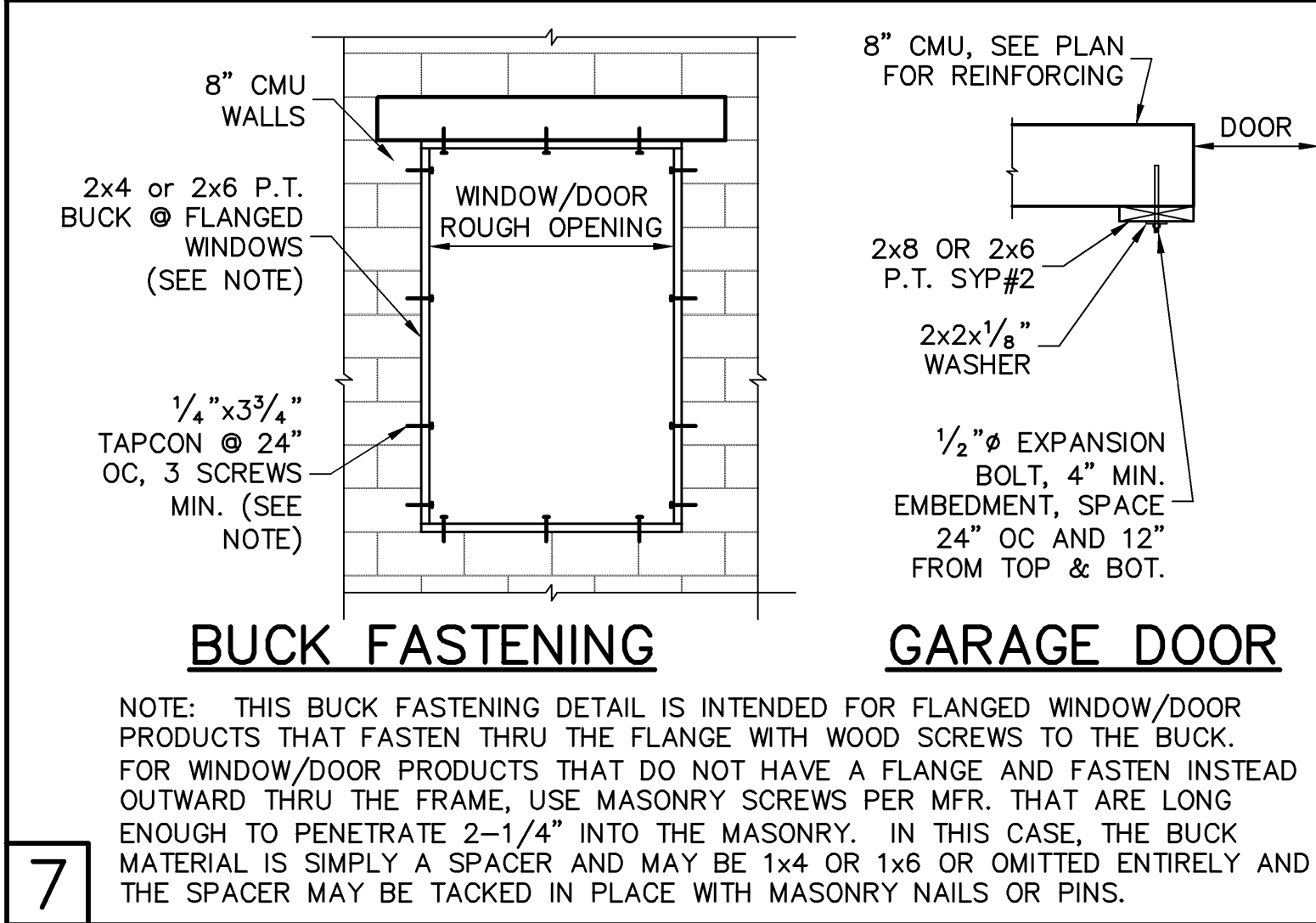
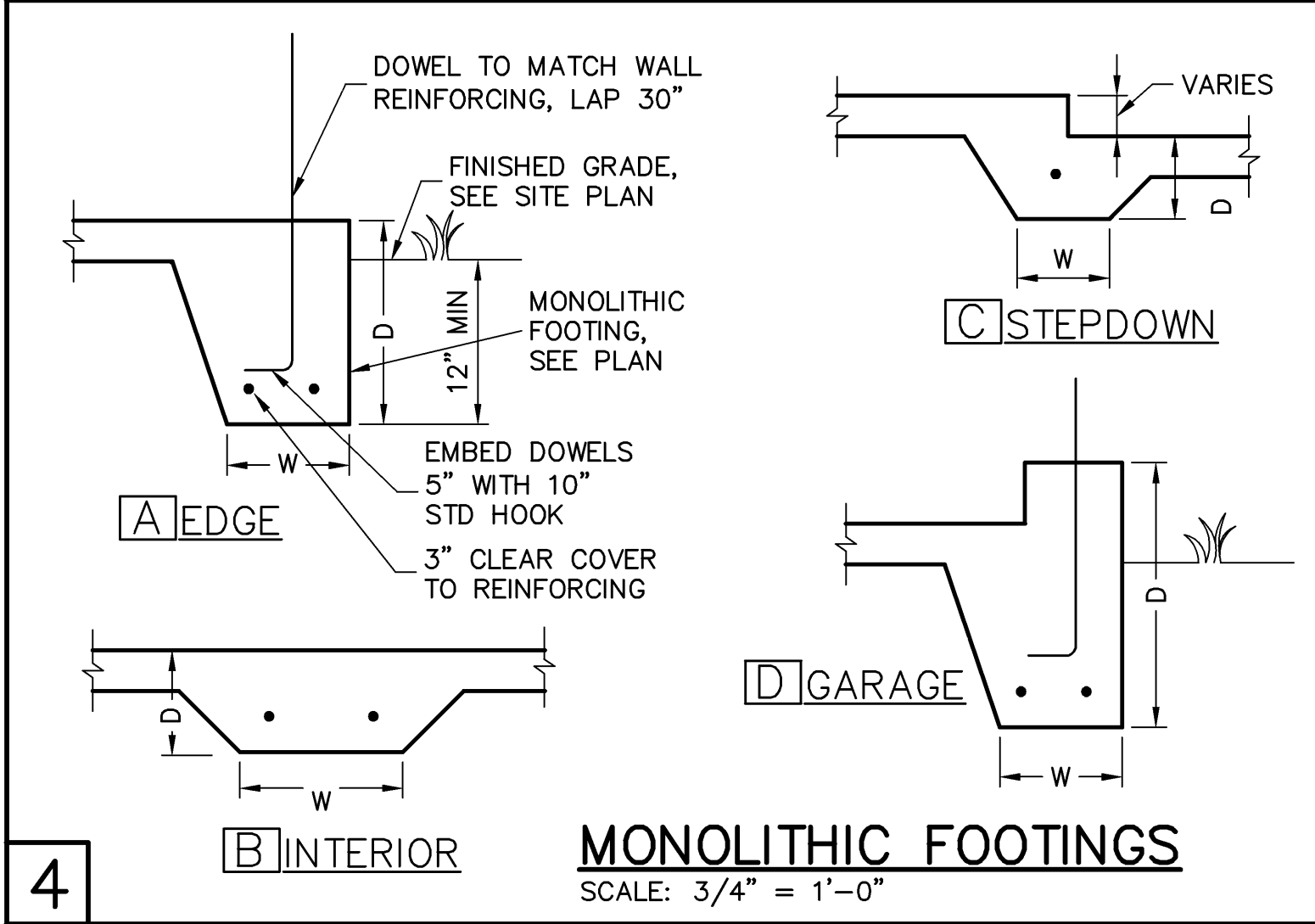
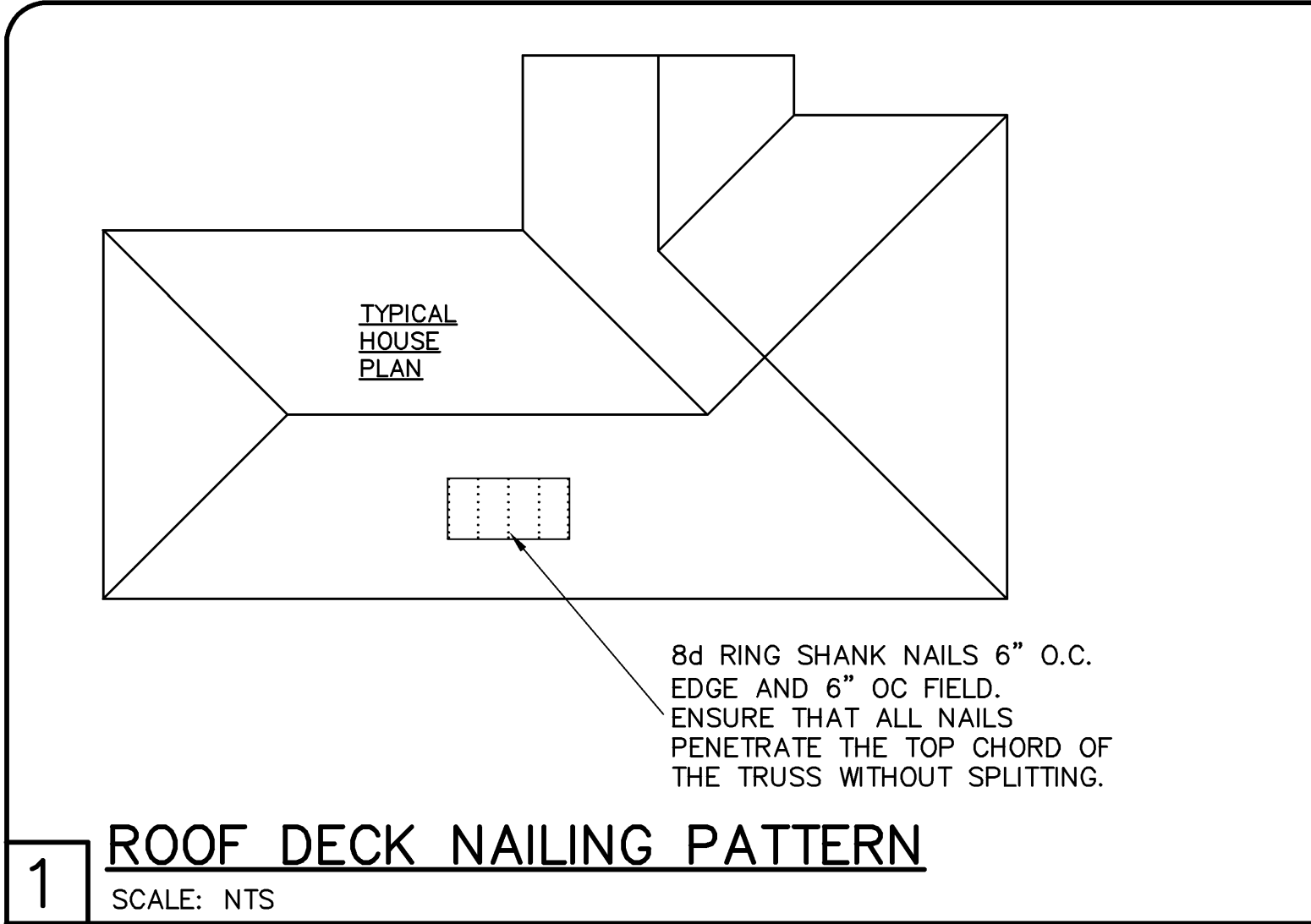
MID WALL WEEP SCREED DETAIL



WEEP SCREED DETAIL

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





10

RETROFIT UPLIFT CONNECTOR SCHEDULE

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

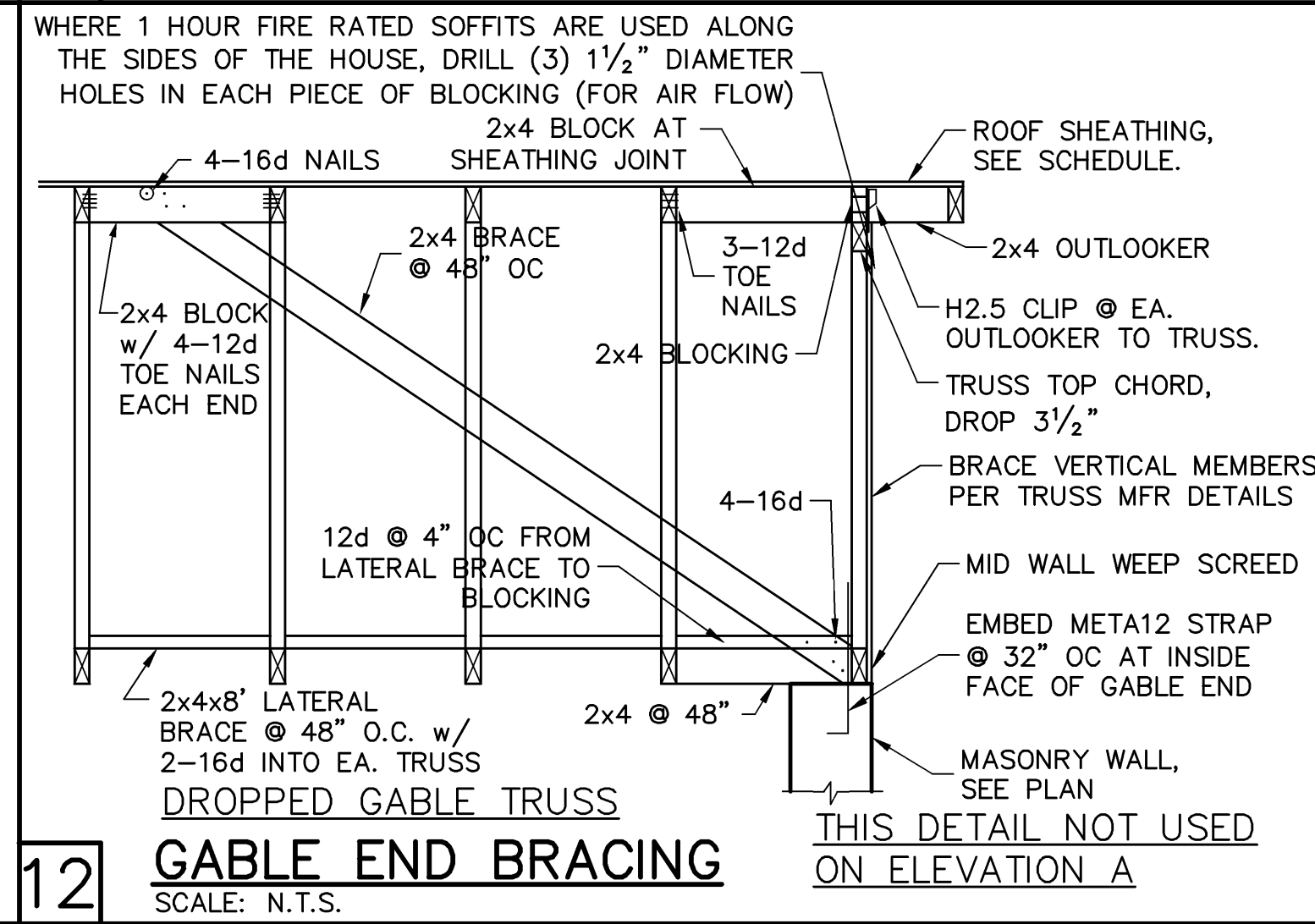
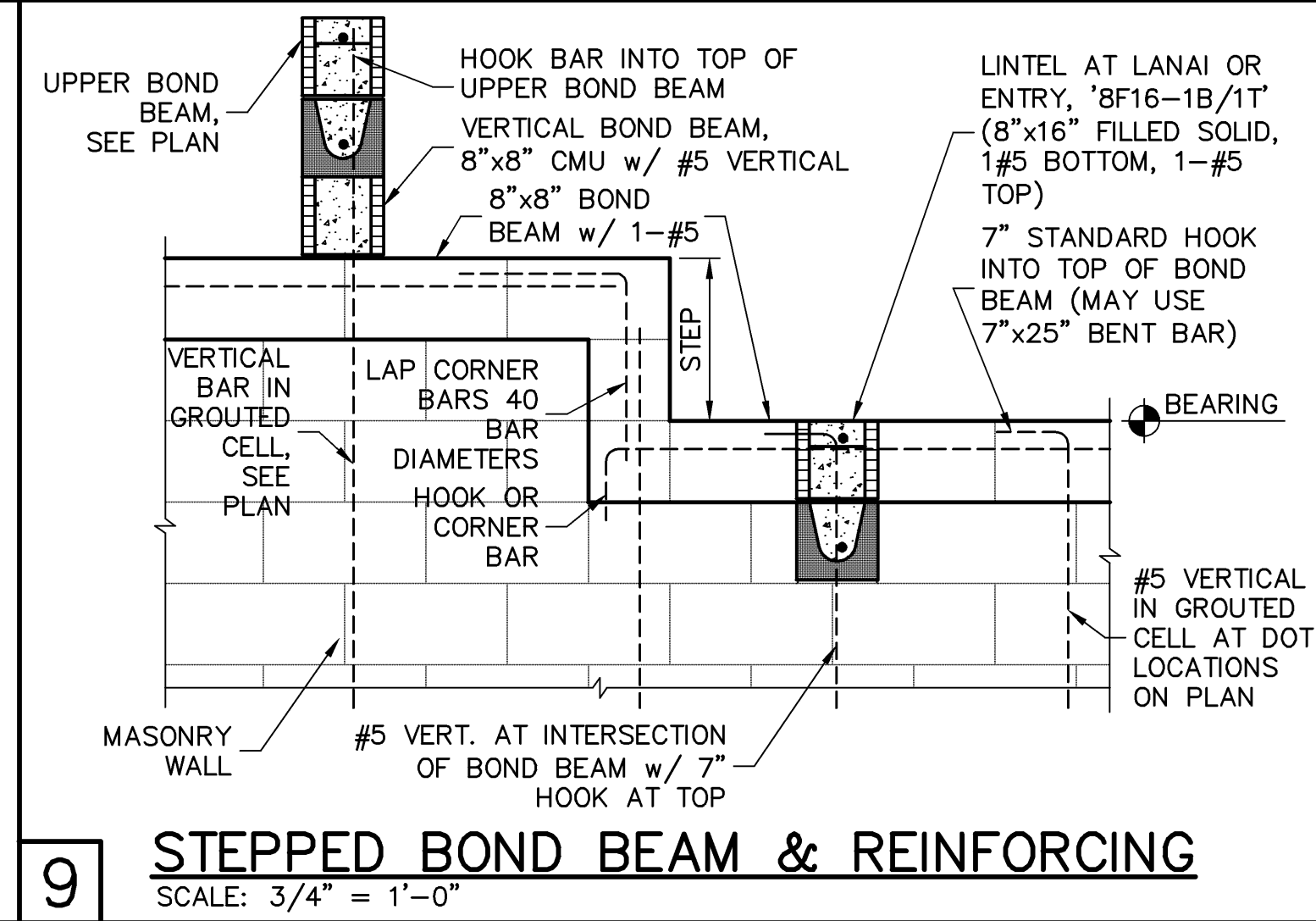
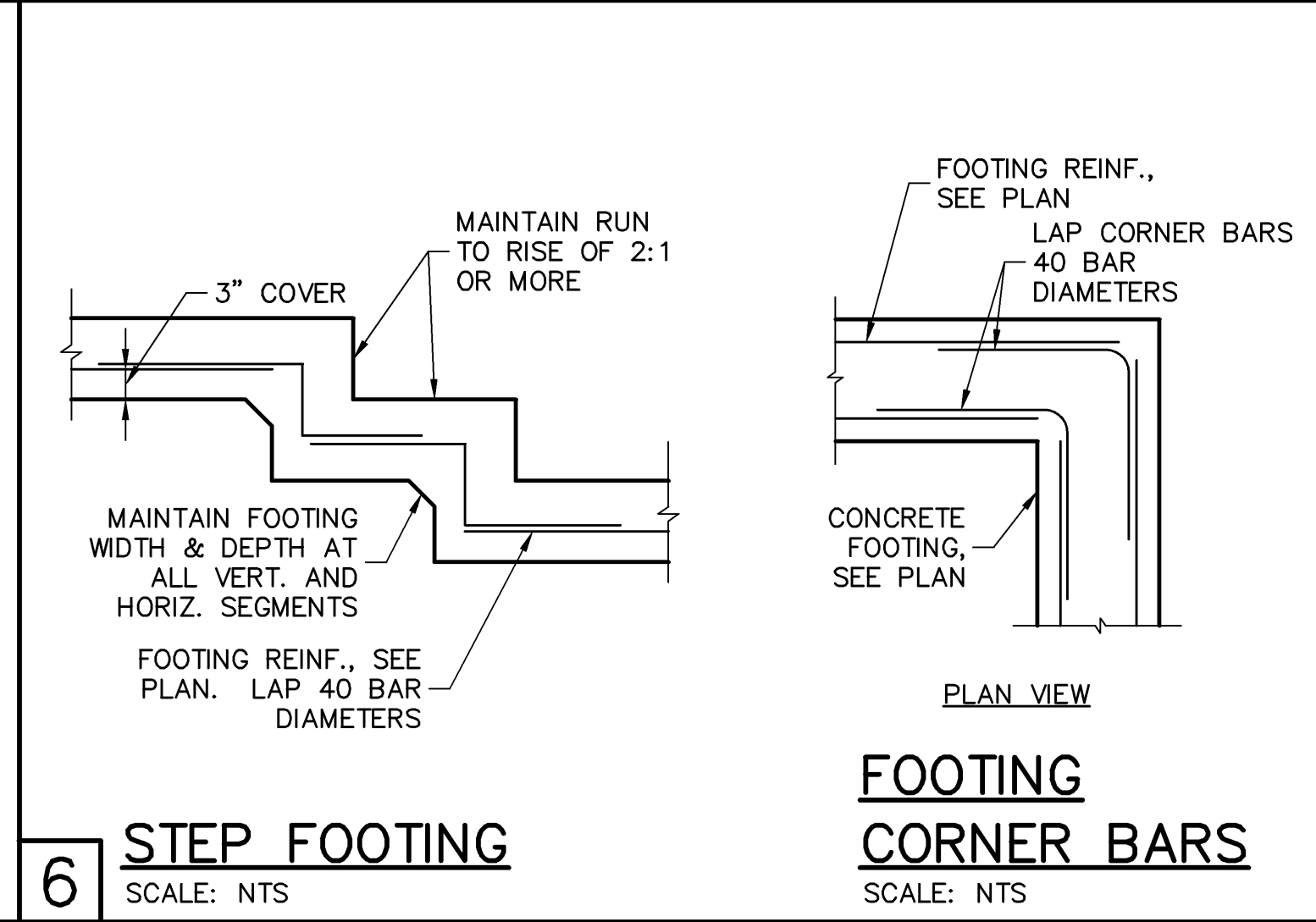
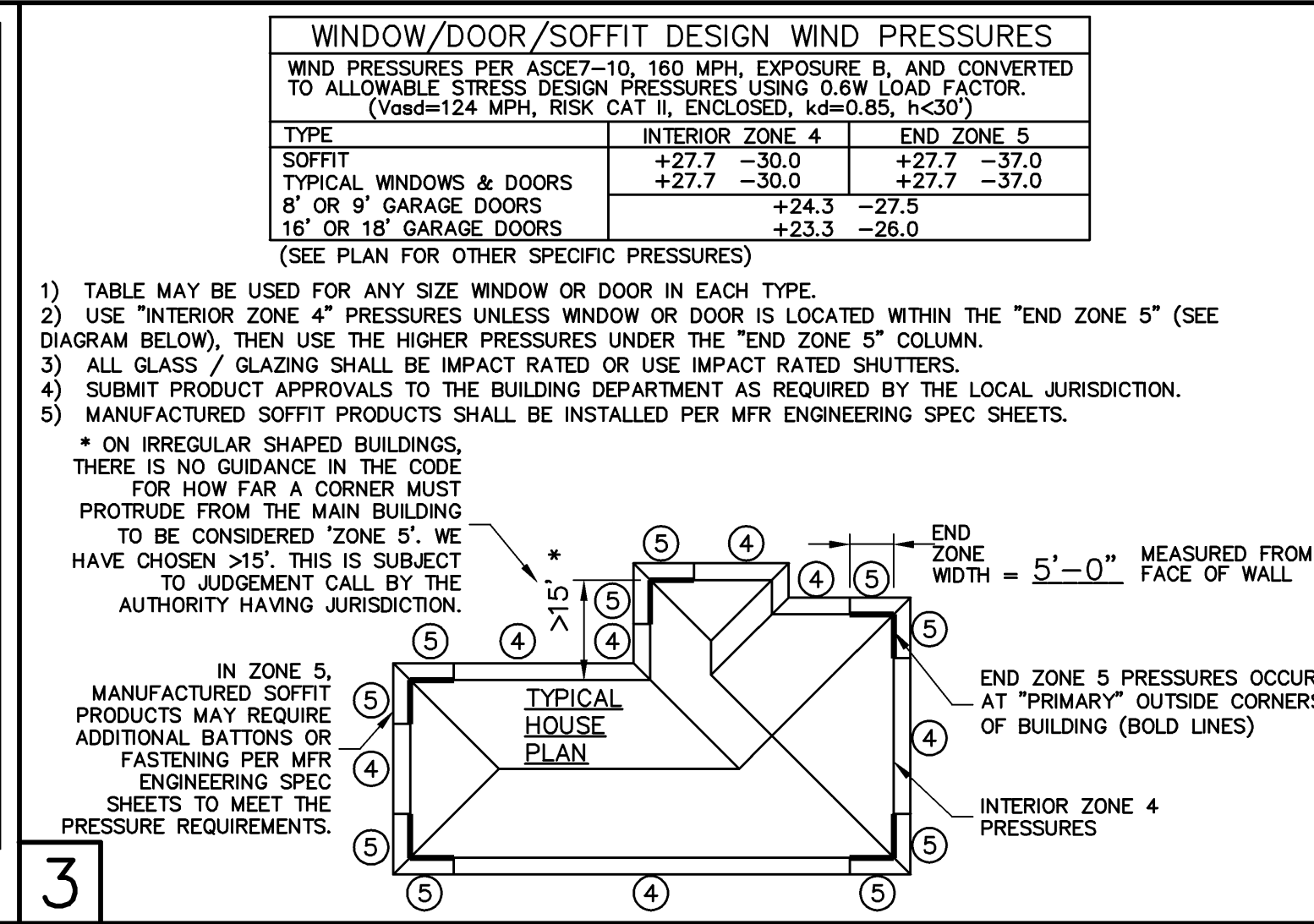
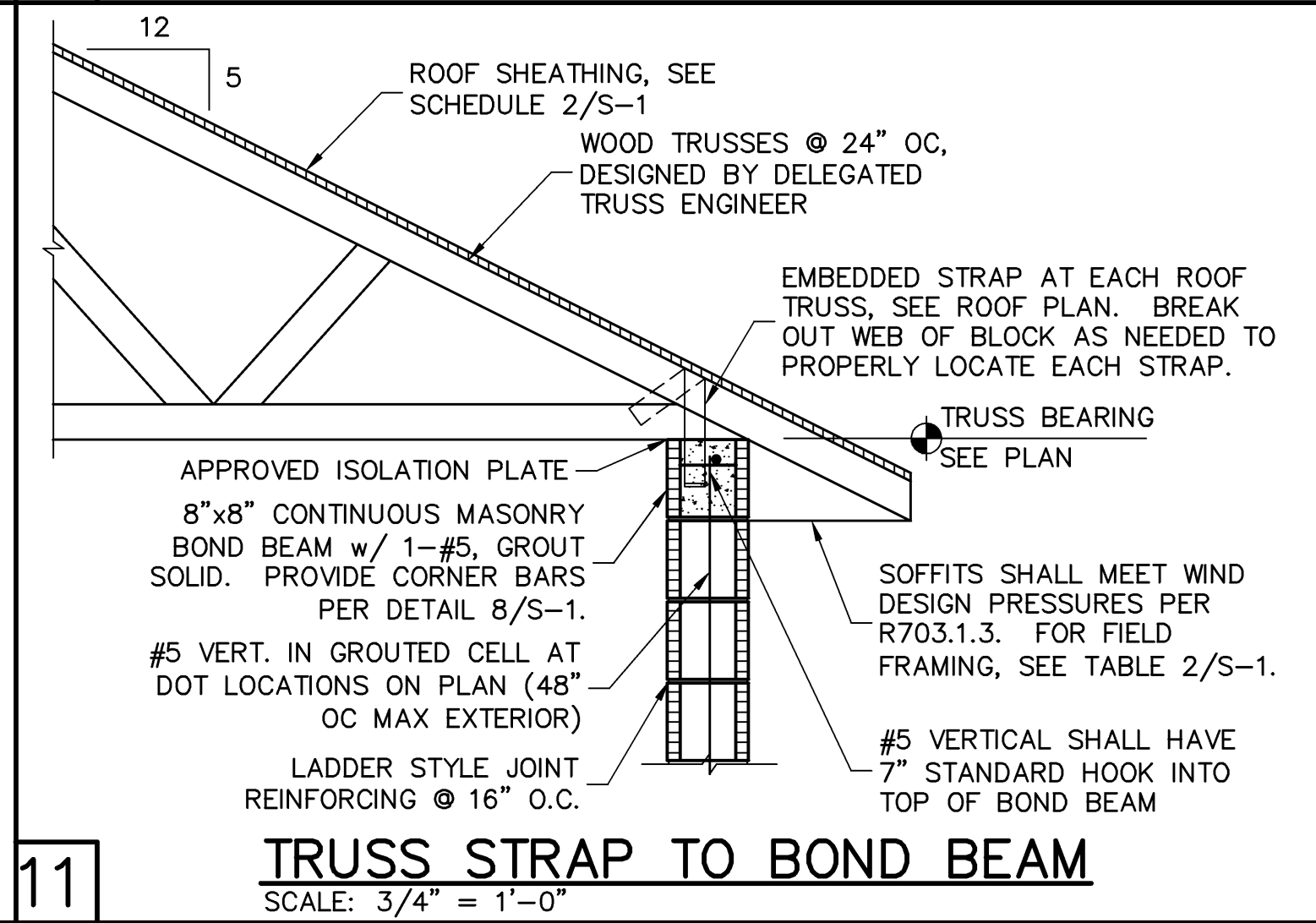
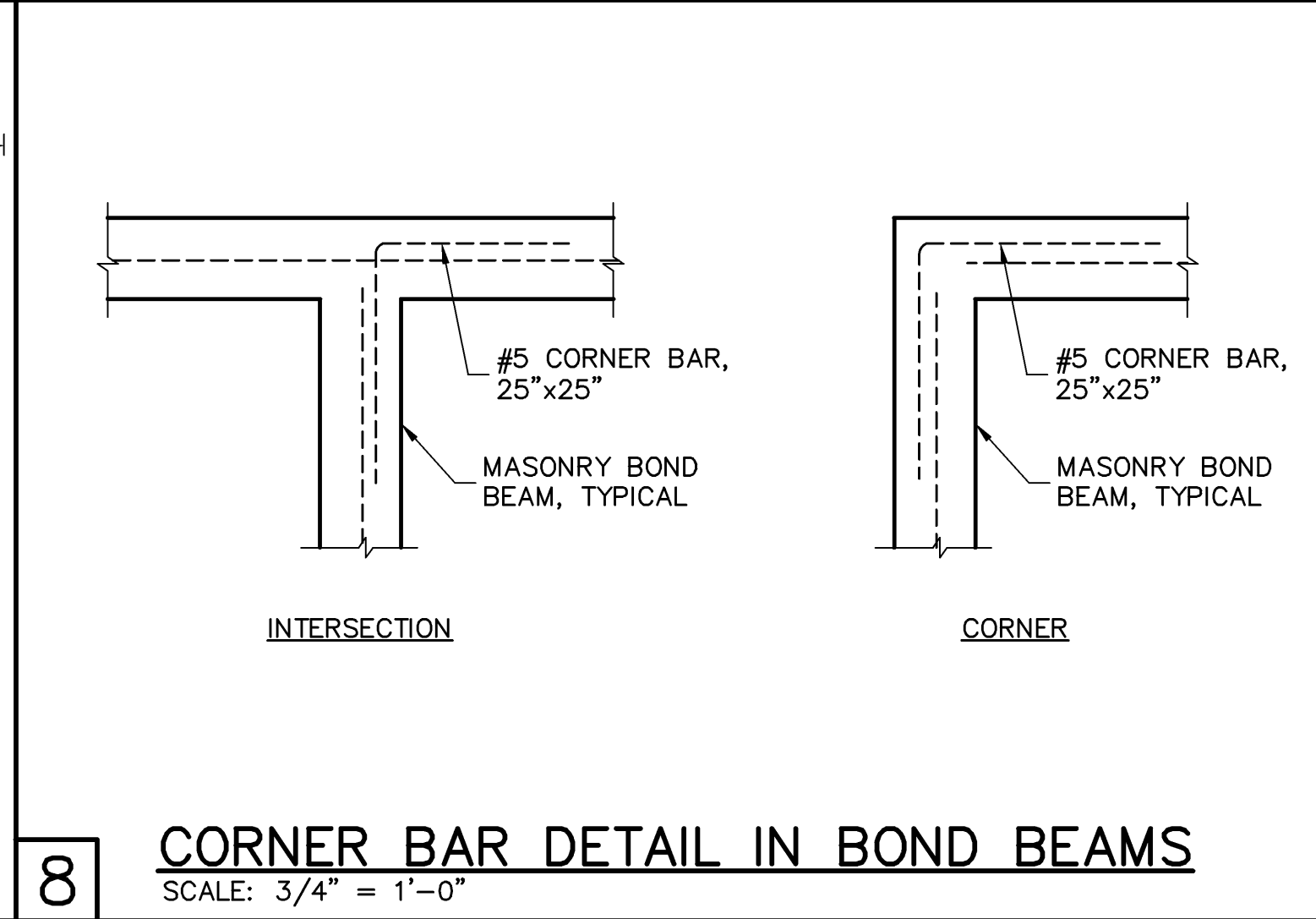
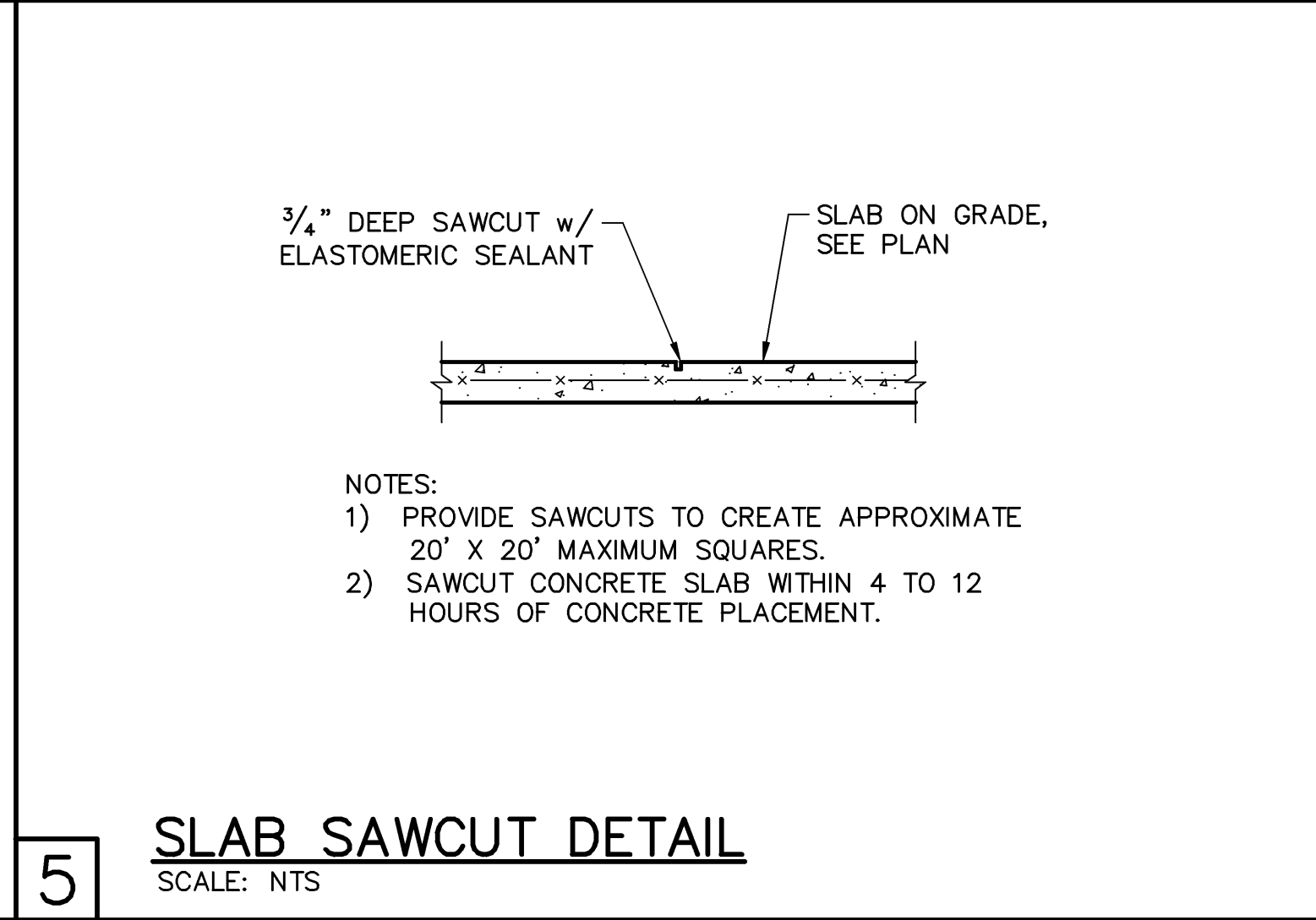
NOTES:
1) WHERE EMBEDDED STRAP IS MISSING OR MIS-LOCATED, PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE.
2) CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE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

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. (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 5/8" 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 (Vgnd 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.

FOR RAYMOND TRUSSES, A ELEVATION, 6' GARAGE EXTENSION, RBS # 11120228M7, DATED: 03/26/14, REVISED: 03/03/15

REVISIONS BY

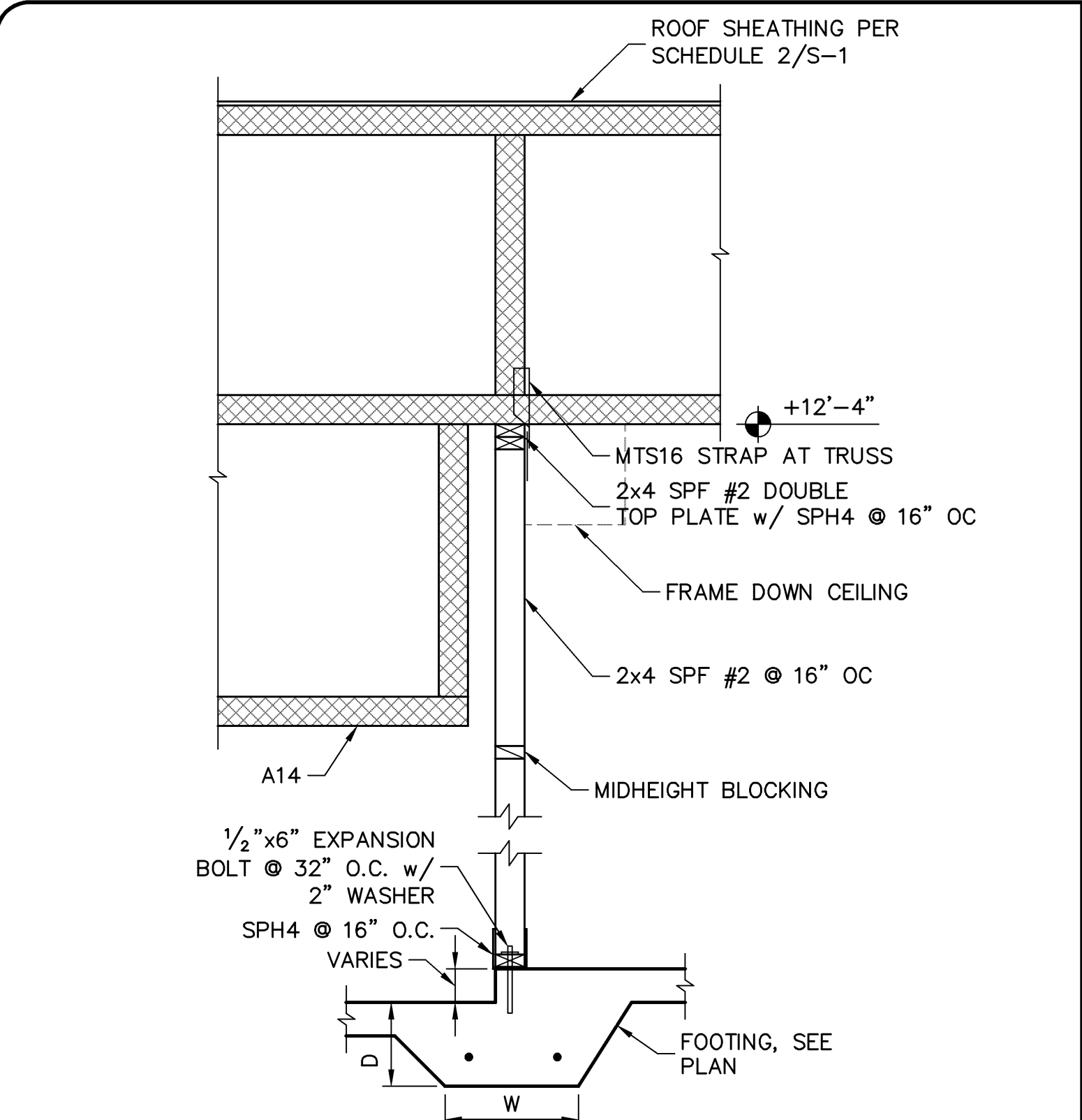
STRUCTURAL ENGINEERING:
STRUCTURAL SYSTEMS OF NORTH FLORIDA
1634 S.E. 47th STREET, SUITE #3
CAPE CORAL, FL 33904
(239) 549-4554
CA# 8829

BUILDER:
D.R. HOHON
America's Builder

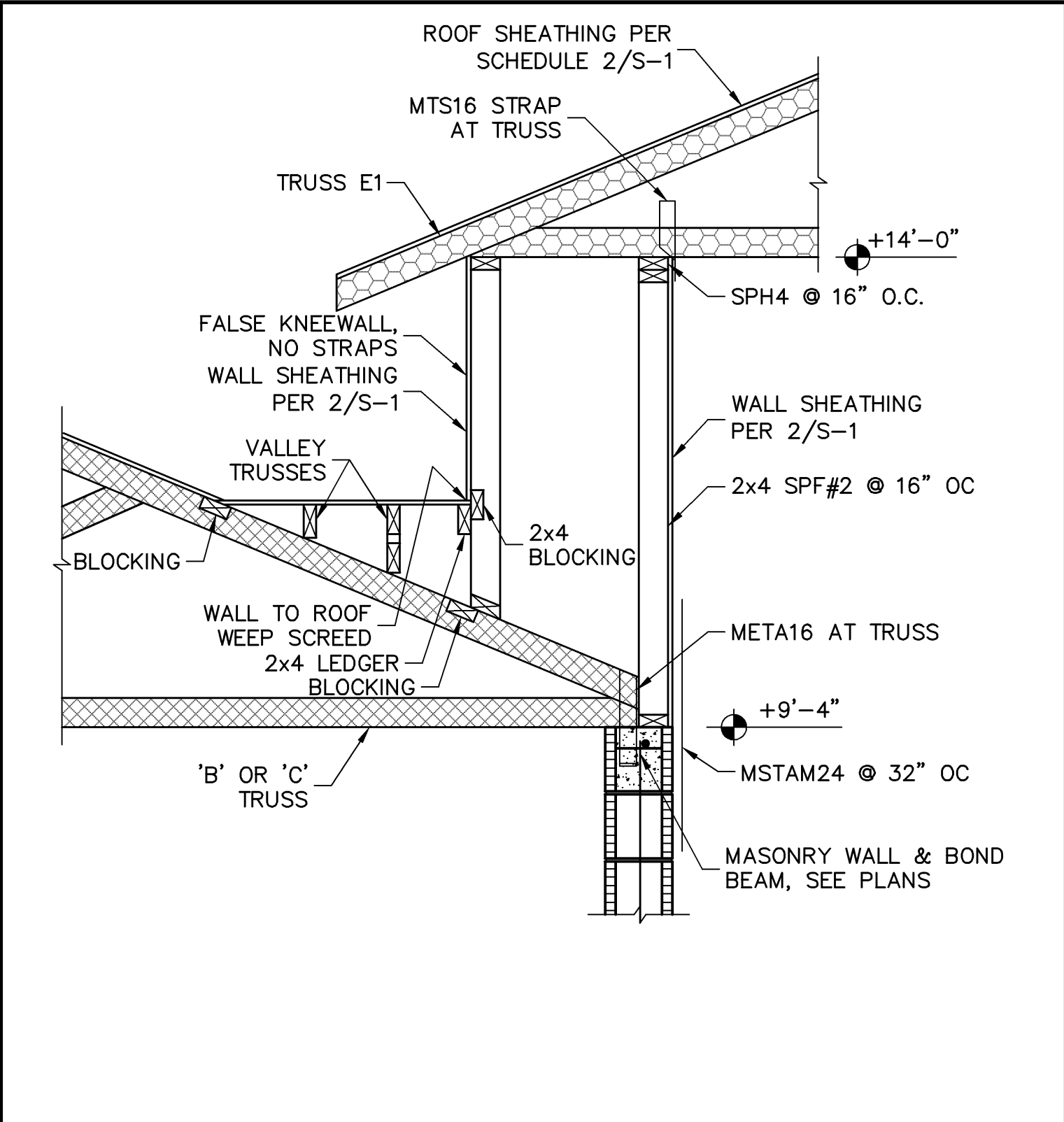
STRUCTURAL DETAILS FOR
MODEL 1983 A
6' GARAGE EXTENSION
13128 SILVER THORN LOOP
NORTH FORT MYERS, FLORIDA
SUBDIVISION: MOODY RIVER

DESIGN/DRAWN
DWB/DWB
CHECKED
DWB
DATE
01/08/16
SCALE
AS NOTED
JOB NO.
DR9098
SHEET

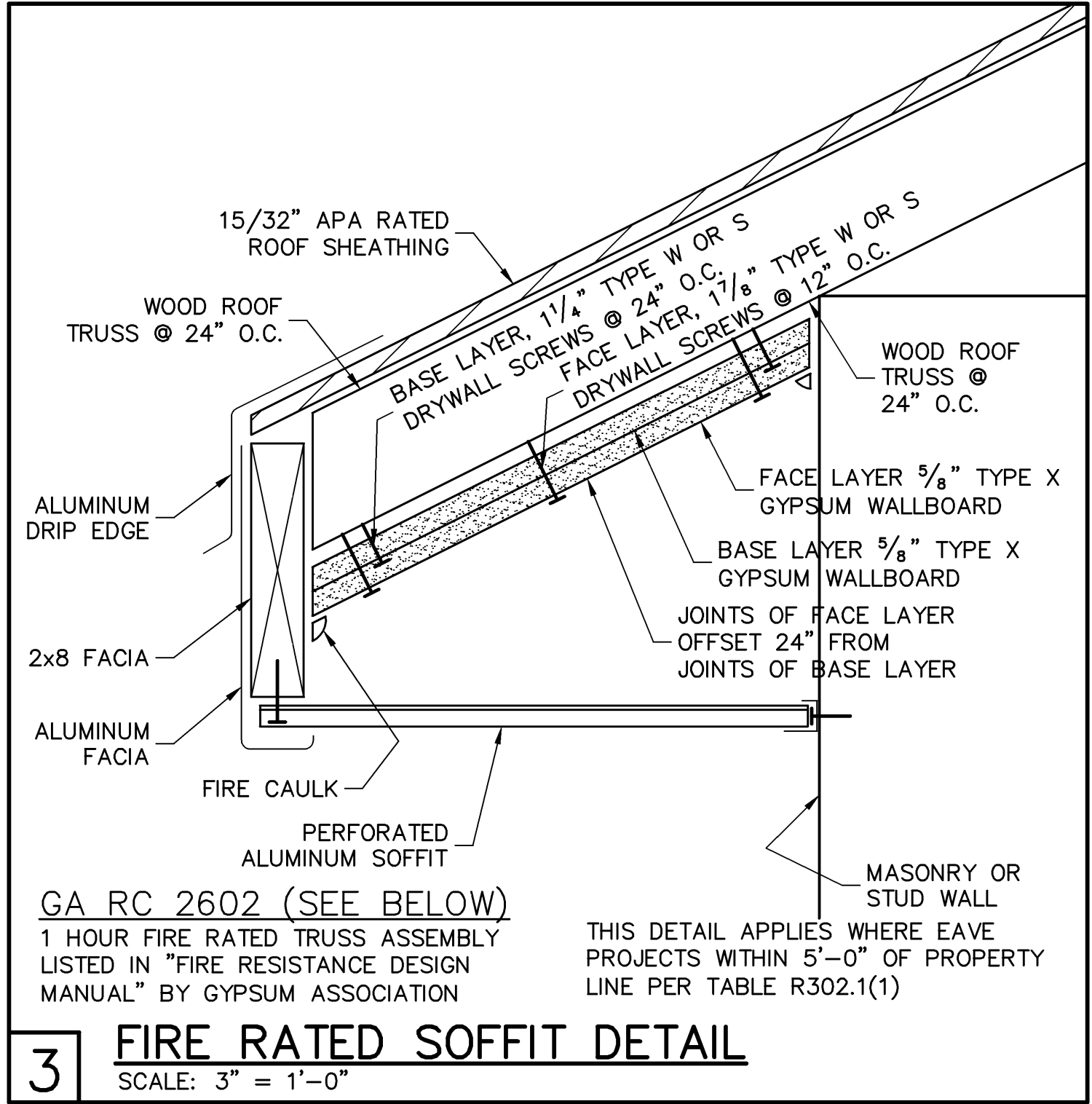
S-1
SHEET 1 OF 2



1 SECTION AT FOYER
SCALE: 3/4" = 1'-0"



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



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

ROOF-CEILING SYSTEMS

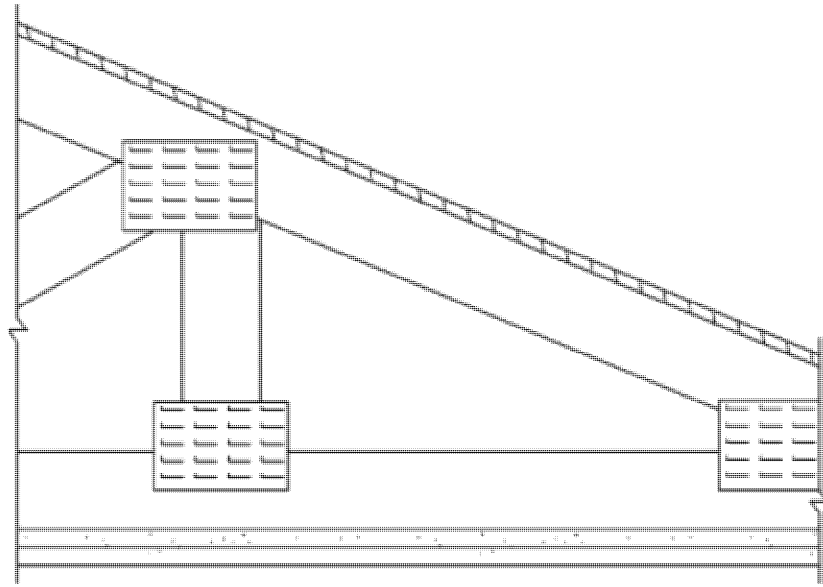
GA FILE NO. RC 2602

GENERIC

1 HOUR
FIRE

WOOD TRUSSES, GYPSUM WALLBOARD

Base layer 5/8" type X gypsum wallboard applied at right angles to wood roof trusses 24" o.c. with 1 1/4" 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 1 7/8" Type W or S drywall screws 12" o.c. at joints and intermediate trusses and 1 1/2" 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.**



Approx. Ceiling Weight: 5 psf
Fire Test: FM FC 172, 2-25-72; ITS, 8-6-98

REVISIONS	BY
04/08/16	DWB

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 • PH
America's Builder

STRUCTURAL DETAILS FOR
MODEL 1983 A
6' GARAGE EXTENSION
13128 SILVER THORN LOOP
NORTH FORT MYERS, FLORIDA
SUBDIVISION: MOODY RIVER

DESIGN/DRAWN DWB/DWB
CHECKED DWB
DATE 01/08/16
SCALE AS NOTED
JOB NO. DR9098
SHEET