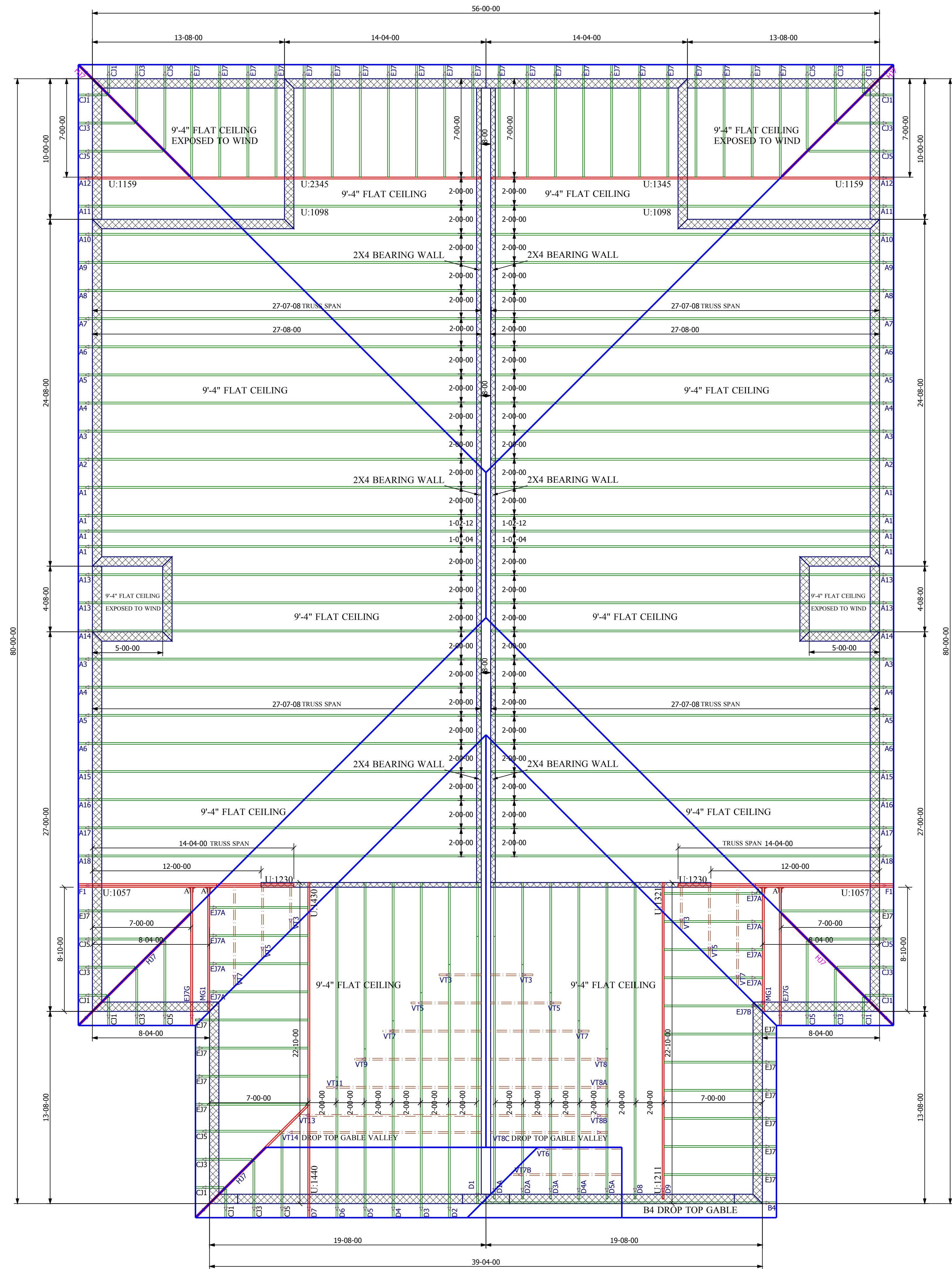


<b>JOB No.</b>	<b>MASTER</b>
DATE DRAWN	1/4/2019
DATE PRINTED	12/10/2019



GENERAL TRUSS ENGINEERING CRITERIA & DESIGN LOADS	
DESIGN CODE	FBC2017/TP12014
WIND CODE	MWFRS (Directional)-C-C HYBRID WIND ASCE 7-10
WIND LOAD	160 MPH
EXPOSURE CATEGORY	C
OCCUPANCY CATEGORY	II
IMPORTANCE FACTOR	1.0
WIND DURATION FACTOR	1.60
OPENING CONDITIONS	ENCLOSED
TRUSSES HAVE BEEN DESIGNED FOR A 10.0 PSF BOTTOM CHORD LIVE LOAD NONCONCURRENT WITH ANY OTHER LIVE LOADS	
TRUSS LOADING	ROOF
TCLL	20 PSF
TCDL	20 PSF
BCLL	0 PSF
BCDL	10 PSF
TOTAL	50 PSF
DURATION	1.25
TCDL / TO RESIST UPLIFT	5 PSF
BCDL / TO RESIST UPLIFT	5 PSF

**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.

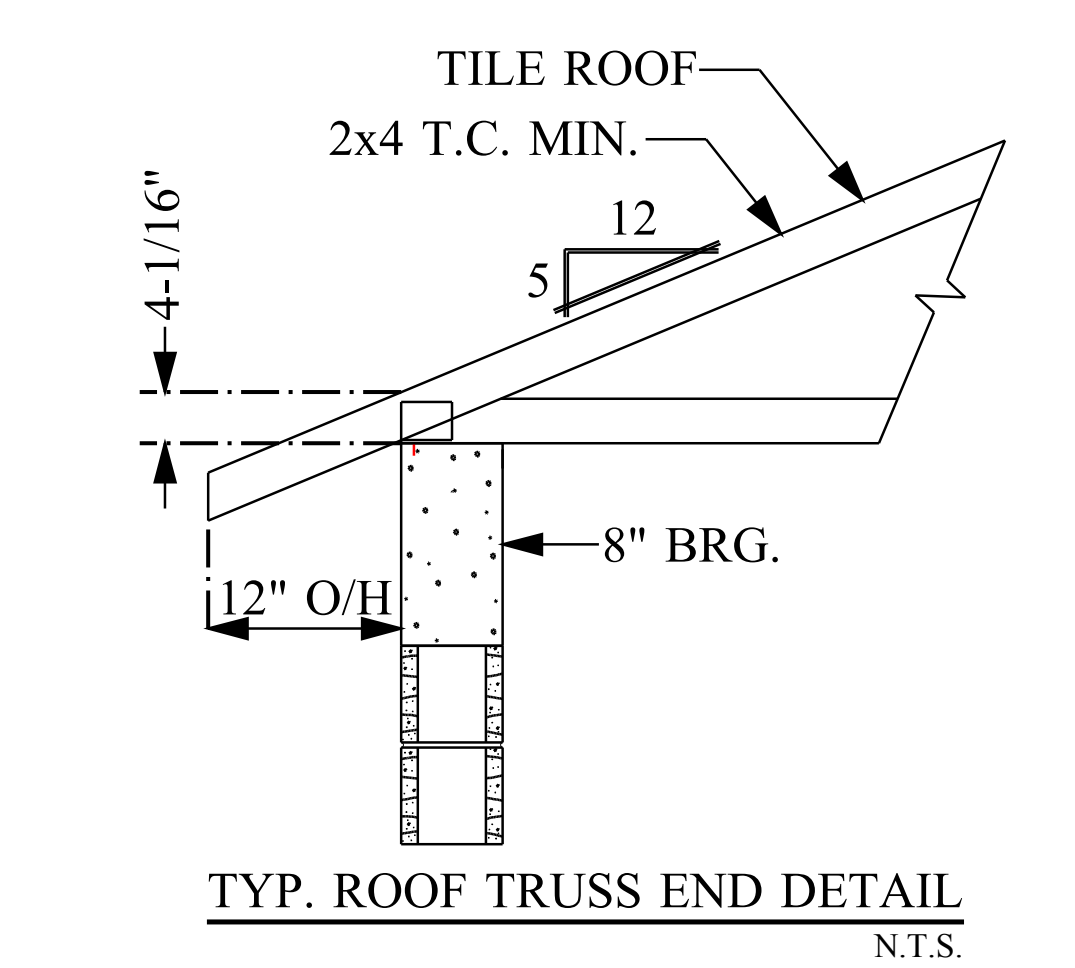
- 1) NUMBER OF GIRDER PLIES AND NAILING SCHEDULE.
- 2) BEARING BLOCK REQUIREMENTS.
- 3) SCAB DETAILS (IF REQUIRED)
- 4) UPLIFT AND GRAVITY REACTIONS.

**WARNING**

BACK CHARGES WILL NOT BE ACCEPTED REGARDLESS OF FAULT WITHOUT PRIOR NOTIFICATION BY CUSTOMER WITHIN 48 HOURS AND INVESTIGATION BY Builders First Source. NO EXCEPTIONS.

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 DIAPHRAM CONNECTIONS.

BEARING HEIGHT SCHEDULE	
	9'-4" BEARING HEIGHT
	8" BLOCK WALL TO ROOF



ROOF PITCH	5/12
CEILING PITCH	FLAT
TOP CHORD SIZE	2 x 4 MIN.
BOTTOM CHORD SIZE	2 x 4 MIN.
OVERHANG LENGTH	12"
CANTILEVER	N/A
END CUT	PLUMB
FLOOR TRUSS SPACING	N/A
ROOF TRUSS SPACING	24"

BUILDER	DR Horton
PROJECT	1526 Villa
MODEL	1526 A
ADDRESS	--
CITY, STATE	--, FL.
LOT	--
SUBDIVISION	--
DRAWN BY	D.W
ENG. BY	D.W

REVISIONS			
No	DATE	NOTES	BY
1	2/22/19	REMOVE LEDGER, REVISE TRUSS PLACEMENT.	D.W.

**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 \_\_\_\_\_

6850 Taylor Road Punta Gorda, FL 33950  
Phone: 941-575-2250 / Fax: 941-575-0319

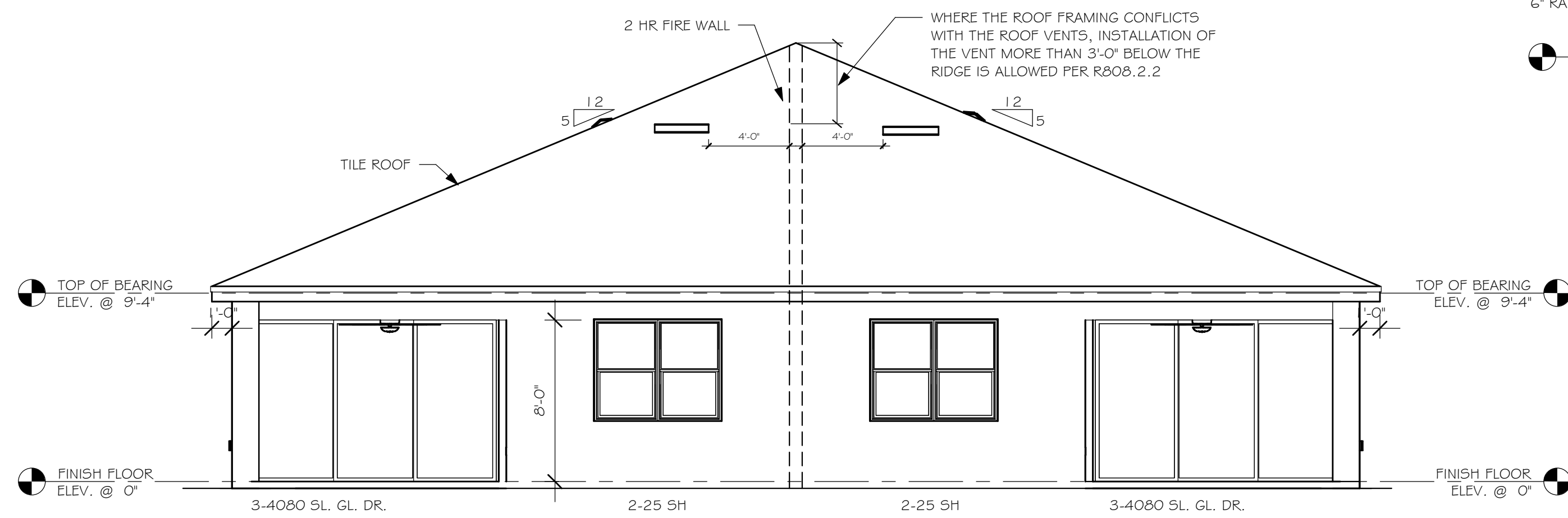
SIMPSON CONNECTOR SCHEDULE							
ROOF TRUSS				FLOOR TRUSS			
QTY	ID	MODEL	ROOF UPLIFT	SYMBOL	QTY	ID	FLOOR UPLIFT
0	A*	LUS24	895	490	0	A*	LUS24
4	A	HTU26	3200 / 3600	1250 / 1555	0	A	HTU26
0	B	HTU28	3895 / 4680	1235 / 2140	0	B	HTU28
0	C	HTU26-2	3600	1515 / 2175	0	C	HTU26-2
0	D	HTU28-2	4310 / 4680	1530 / 3485	0	D	HTU28-2
0	E	HGUS26-2	5320	2155	0	E	HGUS26-2
0	F	HGUS28-2	7460	3235	0	F	HGUS28-2
0	G	HGUS26-3	5230	2155	0	G	HGUS26-3
0	H	HGUS28-3	7460	3235	0	H	HGUS28-3
0	J	HGUS210-4	9100	4095	0	J	HGUS210-4
0	K	SPECIAL			0	L	HHUS46

- NOTES:**
- 1) ALL DIMENSIONS ARE FEET-INCHES-SIXTEENTHS.
  - 2) DO NOT CUT OR ALTER TRUSSES IN ANY WAY.
  - 3) ALL REACTIONS ARE UNDER 5000 LBS. UNLESS NOTE OTHERWISE.
  - 4) ALL UPLIFTS ARE UNDER 1000 LBS. UNLESS NOTED OTHERWISE.
  - 5) FRAMING REQUIRED BELOW TRUSSES TO GET DESIRED CEILING CONDITIONS.
  - 6) ONLY TRUSS TO TRUSS CONNECTIONS SUPPLIED W/ TRUSS PACKAGE.

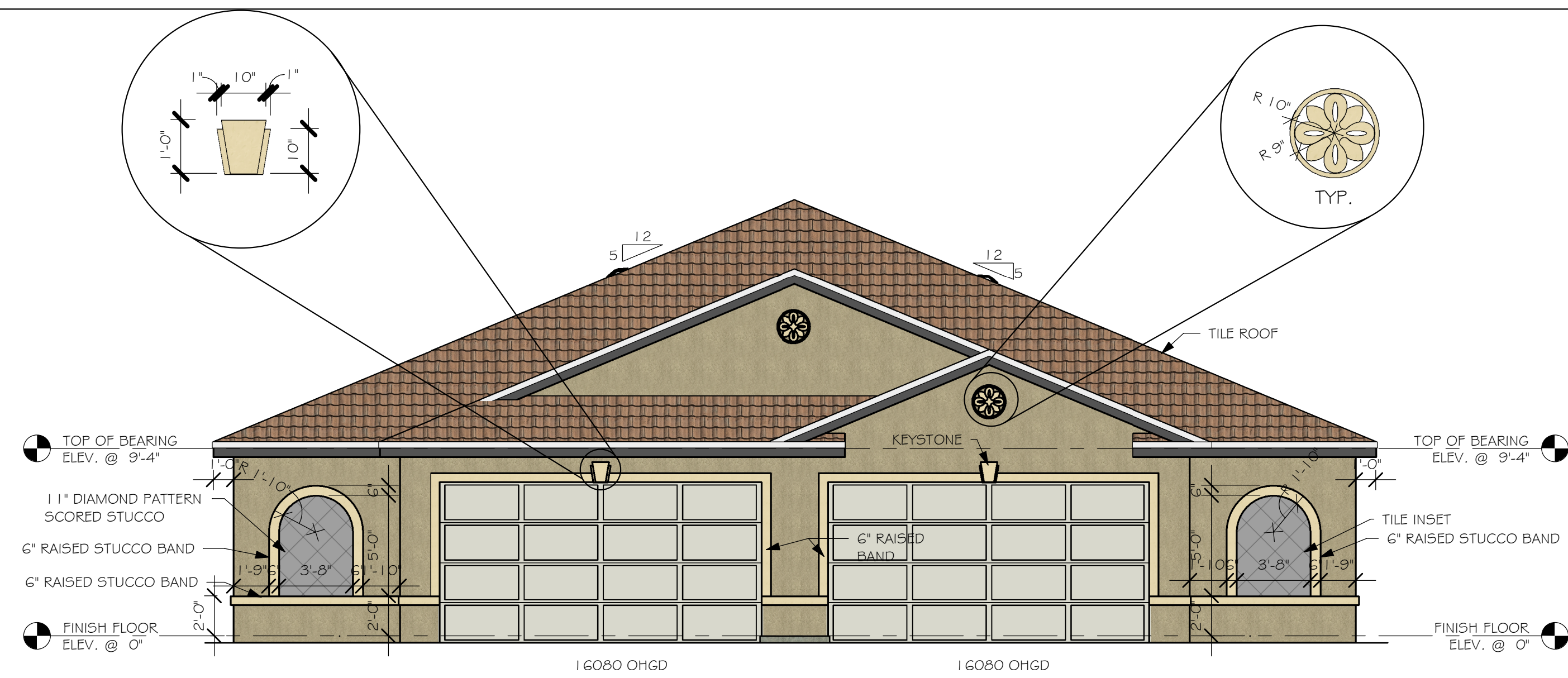




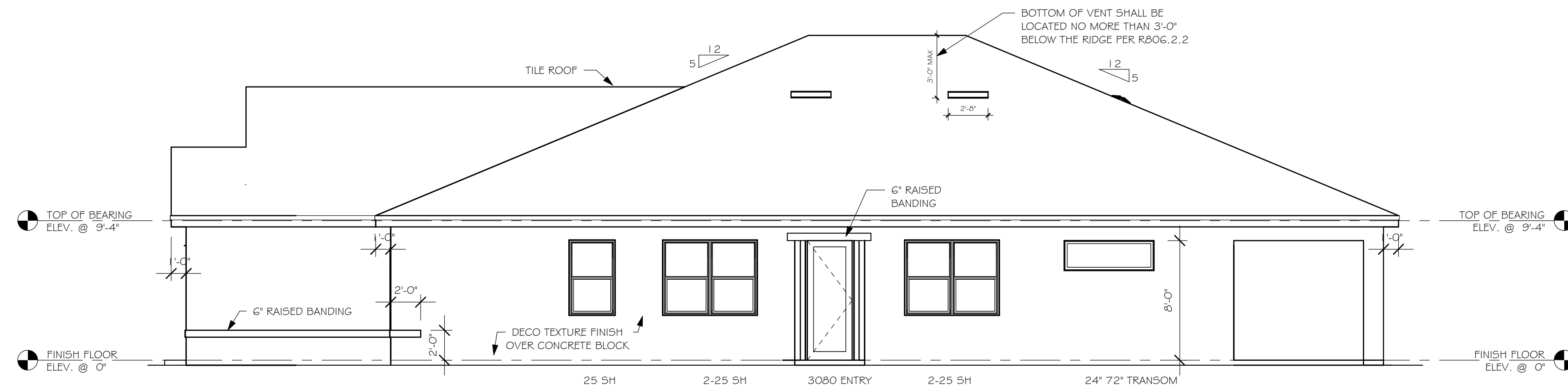
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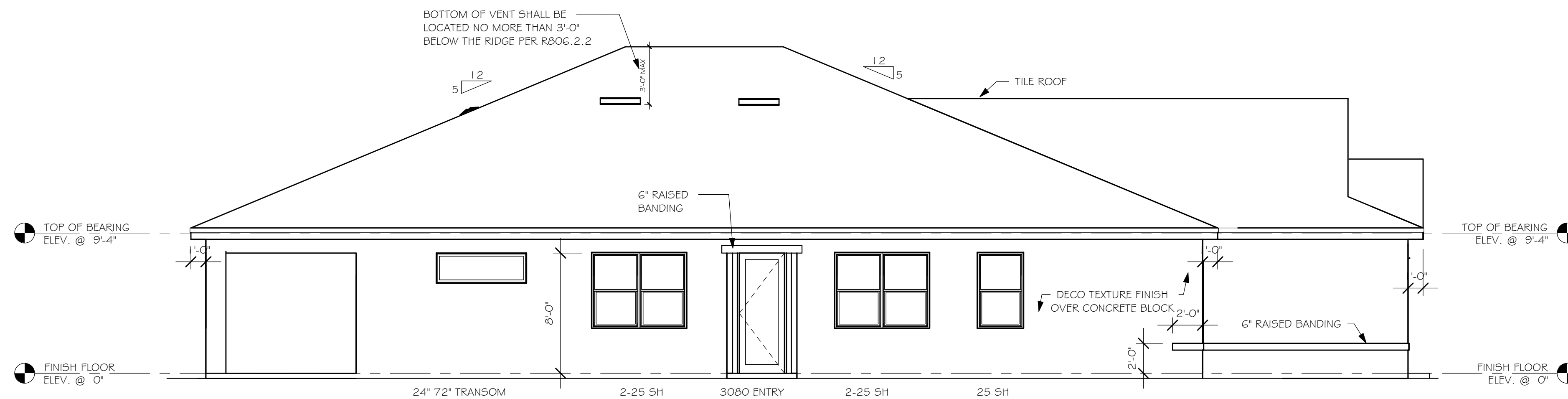
REAR ELEVATION  
3/16" = 1'-0"



FRONT ELEVATION  
3/16" = 1'-0"



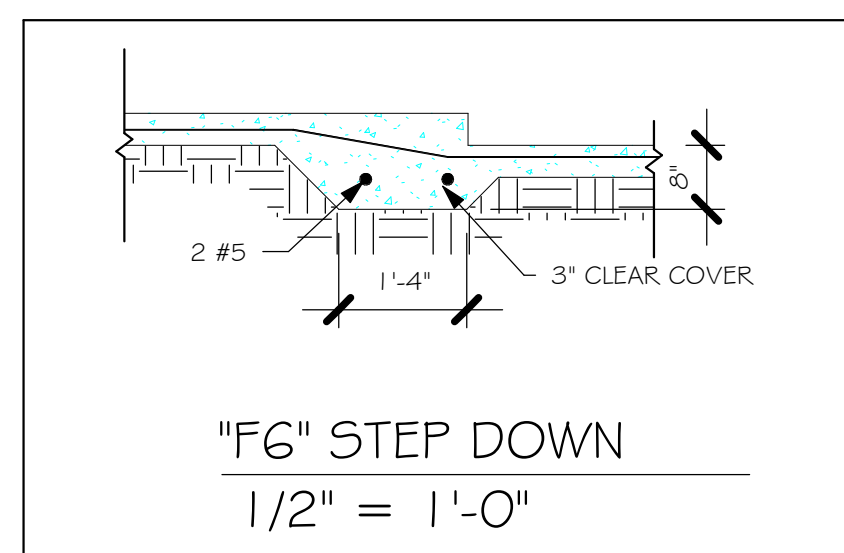
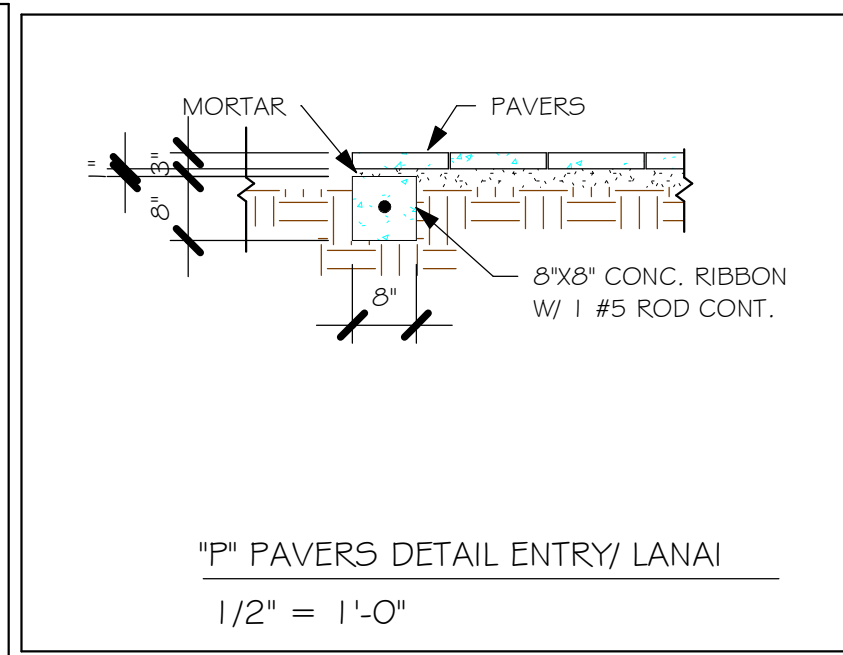
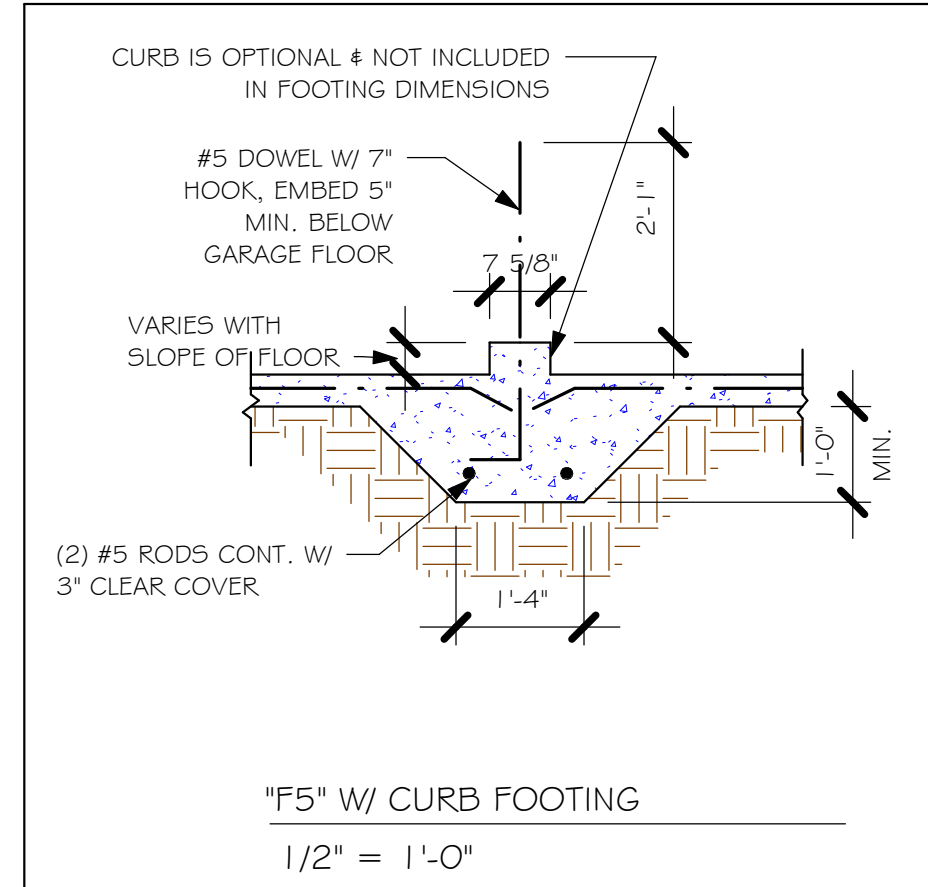
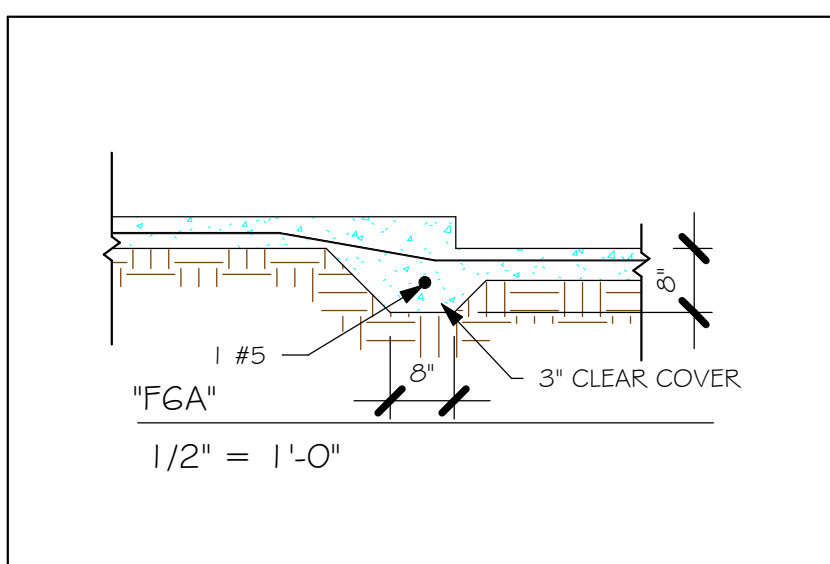
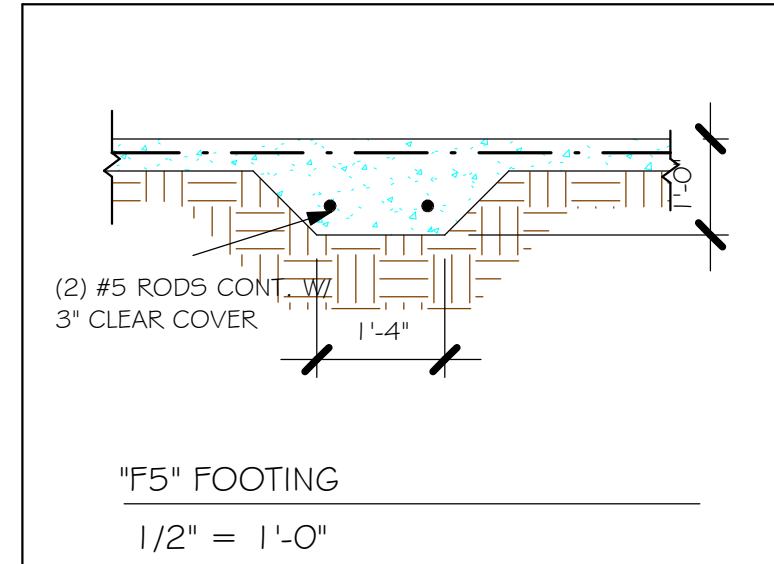
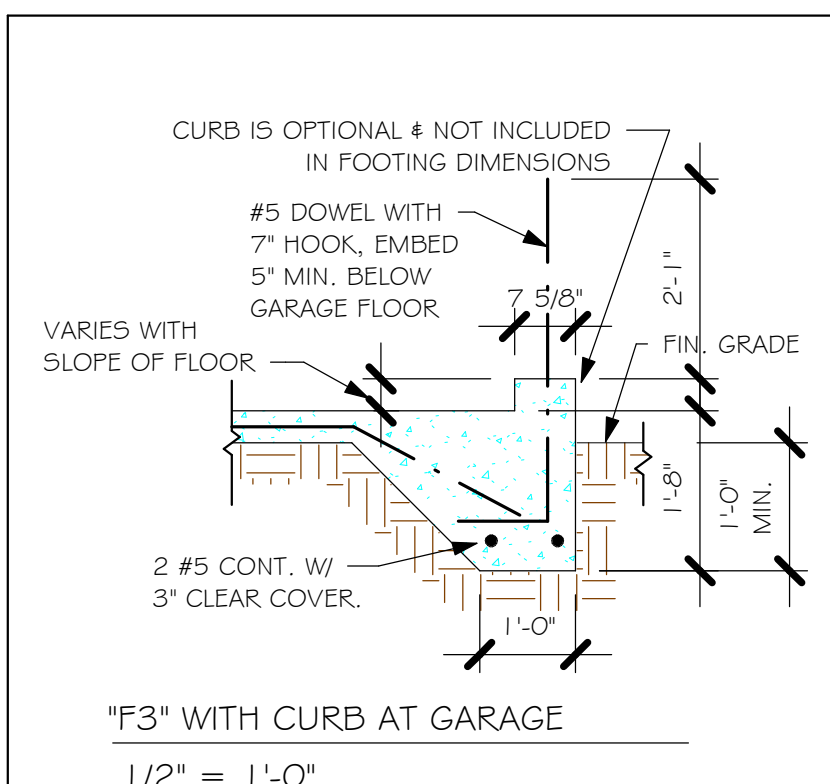
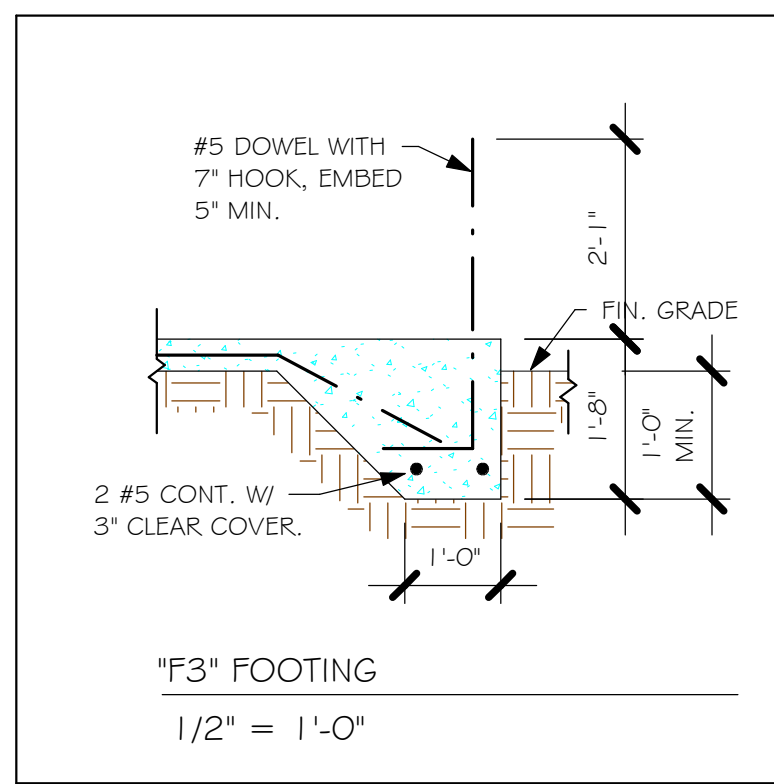
RIGHT ELEVATION  
3/16" = 1'-0"



LEFT ELEVATION  
3/16" = 1'-0"

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





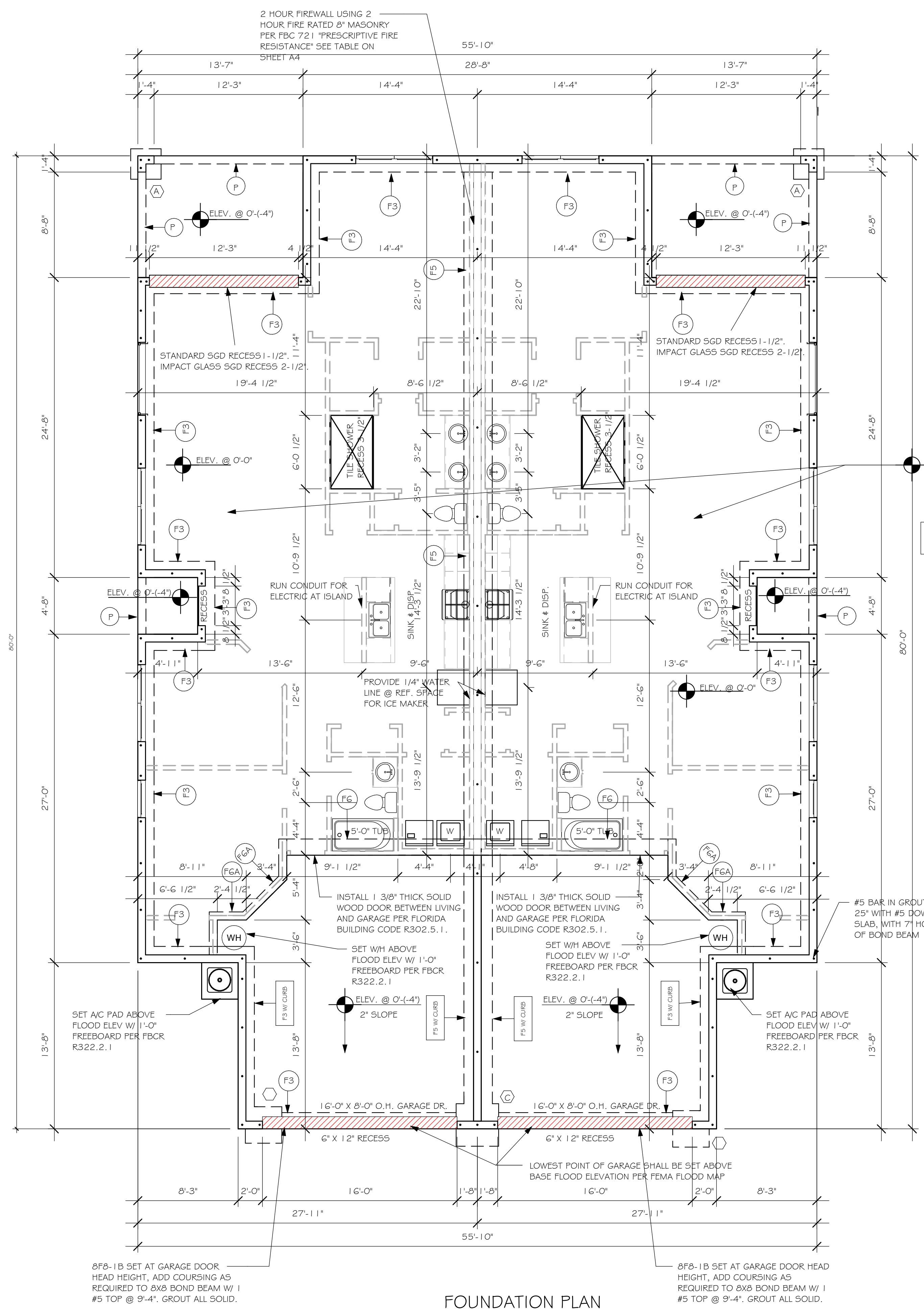
USED	TYPE	LENGTH	WIDTH	DEPTH	LONG BOTTOM	SHORT BOTTOM	REMARKS
X	A	2'-6"	2'-	1'-	3'-	3'-	-
X	B	3'-0"	3'-	1'-	4'-	4'-	-
X	C	3'-6"	3'-	1'-	4'-	4'-	-
X	D	4'-0"	4'-	1'-	5'-	5'-	-
X	E	5'-0"	5'-	1'-	6'-	6'-	-

USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINFORCIN	SHAP
X	F1	CONT.	1'-	0'-	2'-	[Symbol]
X	F2	CONT.	1'-	0'-1	2'-	[Symbol]
X	F3	CONT.	1'-	1'-	2'-	[Symbol]
X	F4	CONT.	1'-	1'-	2'-	[Symbol]
X	F5	CONT.	1'-	1'-	2'-	[Symbol]
X	F6	CONT.	1'-	1'-	2'-	[Symbol]
X	F6A	CONT.	0'-	0'-	1'-	[Symbol]
X	TE	CONT.	0'-	0'-	1-#5	[Symbol]

PROVIDE CORNER BARS PER 6/5-1

**FOUNDATION PLAN**

- SCALE: 3/16" = 1'-0"
- PLAN NOTES:
- TOP OF GROUND FLOOR SLAB DATUM ELEVATION 0'-0"
  - "F#" DENOTES CONTINUOUS WALL FOOTING TYPE PER SCHEDULE THIS SHEET.
  - "# " DENOTES PAD FOOTING AT CONCENTRATED LOADS PER SCHEDULE THIS SHEET.
  - PROVIDE #5 VERTICAL REINFORCING AT DOT LOCATIONS SHOWN ON PLAN FROM FOOTING TO BOND BEAM.
  - ALL DIMENSIONS ARE TO OUTSIDE FACE OF MASONRY WALLS. SOME SLAB EDGES MAY EXTEND BEYOND FACE OF WALL.
  - FOR DIMENSIONS OF ROUGH OPENINGS IN MASONRY WALLS, COORDINATE WITH



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

THE FINISH FLOOR SLAB SHALL BE SET ABOVE BASE FLOOD ELEVATION PER FEMA FLOOD MAP PLUS 1'-0" FREEBOARD PER FBCR R322.2.1. SEE SITE PLAN BY OTHERS

ELEV. @ 0'-0"

4" SLAB W/ 2,500 PSI CONC. W/ 6X6 # 10/10 W.W.M. REINFORCING OVER 6 MILL VISQUEEN BARRIER ON MECHANICALLY COMPACTED FILL @ 95%.

PROVIDE TERMITE TREATMENT WITH "BORA CARE"

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### DOOR SCHEDULE

TYPE MARK	DESCRIPTION	MANUFACTURER	HEIGHT	WIDTH	ZONE 4	ZONE 5	QTY
1	16080 OHGD	GARAGE DOOR	8'-0"	16'-0"	+28.2/-31.5	+28.2/-31.5	2
2	3080 ENTRY	DISTINCTION	8'-0"	3'-0"	+33.5/-36.3	+33.5/-44.8	2
3	(3)-4080 SL. GL. DR.	DISTINCTION	8'-0"	12'-0"	+29.4/-33.3	+29.4/-33.3	2

WIND PRESSURES PER ASCE7-10, 160 MPH, EXPOSURE C, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR.  $V_{asd} = 124$  MPH

GARAGE DOOR ASSUMES 2' IN ZONE 5.

### WINDOW SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	HEIGHT	WIDTH	ZONE 4	ZONE 5	QTY
A	25 SH		5'-3"	3'-2"	+33.5/-36.3	+33.5/-44.8	2
B	2-25 SH		5'-3"	6'-4"	+33.5/-36.3	+33.5/-44.8	6
C	24X72" FIXED GLASS		2'-0"	6'-0"	+33.5/-36.3	+33.5/-44.8	2

WIND PRESSURES PER ASCE7-10, 160 MPH, EXPOSURE C, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR.  $V_{asd} = 124$  MPH

### DOOR HEADERS

6'-8" BI-FOLD	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 308.4.2.
- PROVIDE SAFETY GLAZING AT BATH/SHOWER PER FLORIDA BUILDING CODE R 308.4.5.
- NON BEARING INTERIOR FRAME WALLS SHALL BE FRAMED W/ WOOD OR METAL STUDS. SPACING SHALL NOT EXCEED 24" O.C. (NON BEARING WALLS ONLY)
- PROVIDE DEAD WOOD IN ATTIC FOR OVERHEAD GARAGE DOOR HARDWARE
- KITCHEN KNEE WALL TO BE FRAMED W/ TOP @ 34 1/2" A.F.F.
- INSTALL SMOOTH WALLS IN KITCHEN AND ALL BATHROOM AREAS
- WHERE DRYWALL CEILING IS APPLIED TO TRUSSES @ 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.
- ALL WINDOWS INSTALLED 72" ABOVE GRADE MUST COMPLY WITH R612.2 MIN 24" SILL HEIGHT OR PROVIDED WITH AN APPROVED WINDOW FALL PREVENTION DEVICE
- ALL CLOSET SHELVES TO BE 12". ALL PANTRY & LINEN TO BE (4)-16" SHELVES 18" O.F.F. W/ 15" INCREMENT.
- ALL MECHANICAL AND ELECTRICAL EQUIPMENT TO BE INSTALLED AT OR ABOVE FLOOD PLUS 1'-0" FREEBOARD.

### 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"	
8	2'-11"	

### SQUARE FOOTAGE UNIT 1

LIVING AREA	1,513
GARAGE AREA	433
LANAI AREA	146
FRONT PORCH/ ENTRY AREA	29
TOTAL SQUARE FOOTAGE	2,121

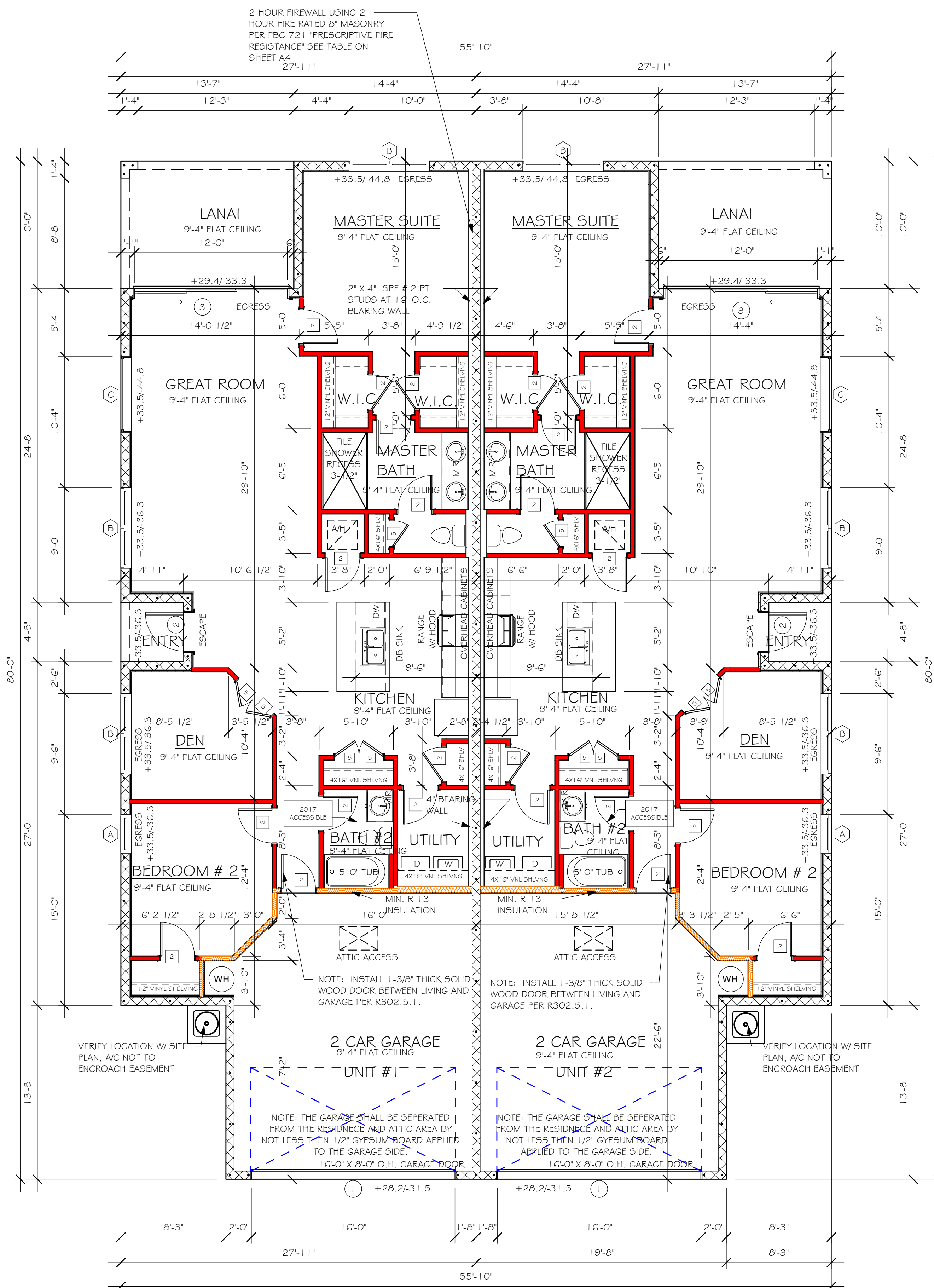
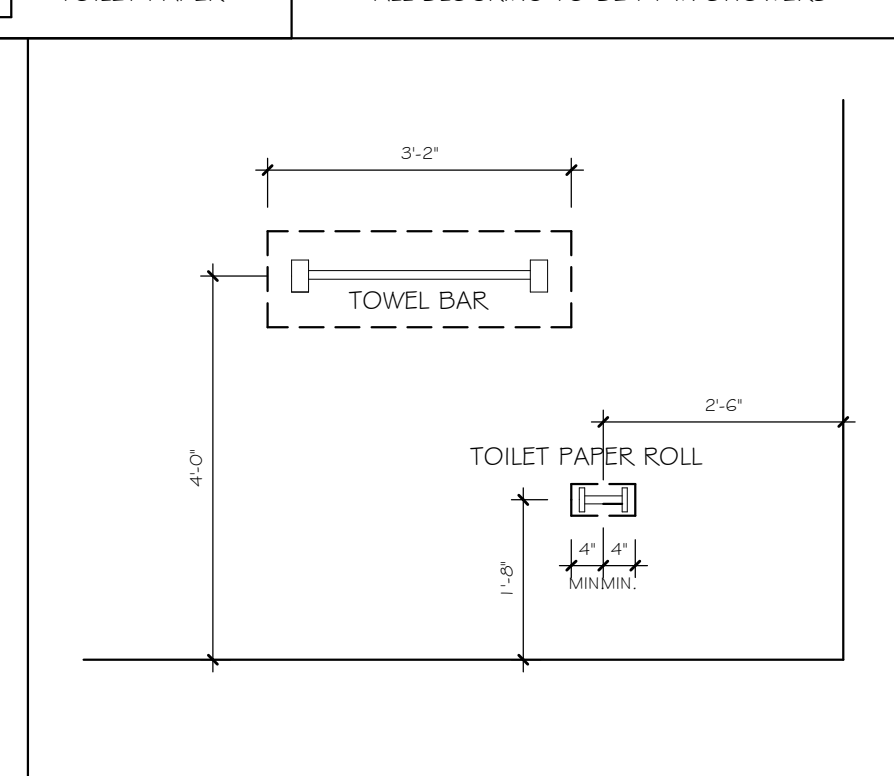
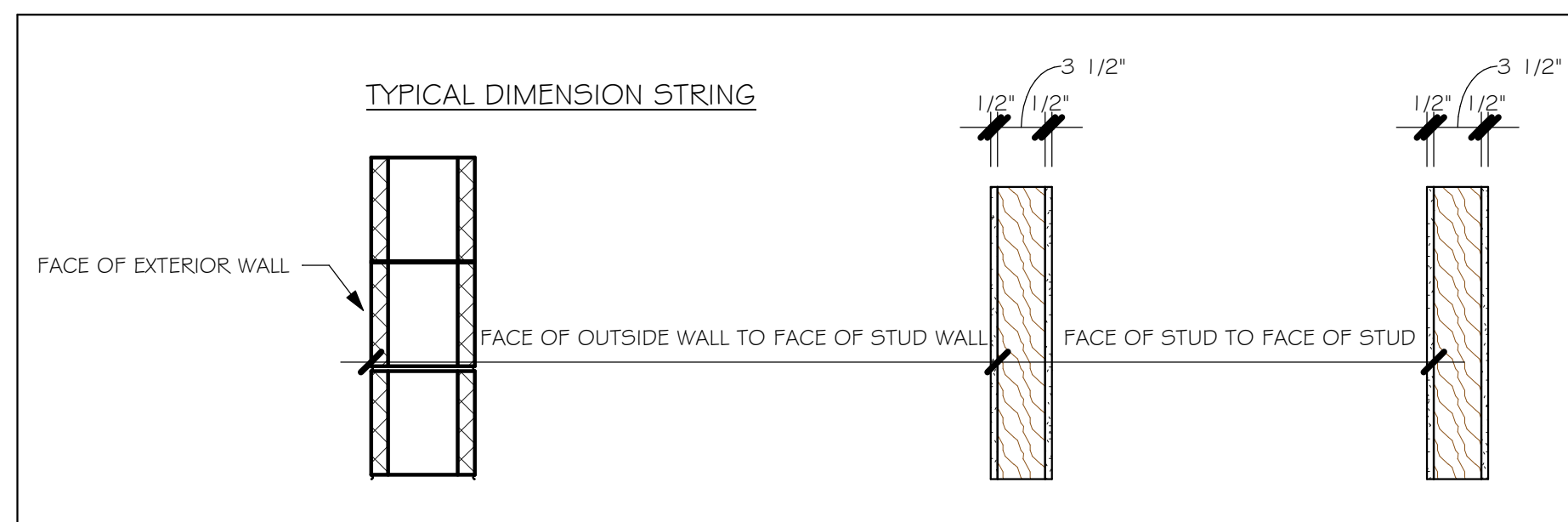
### SQUARE FOOTAGE UNIT 2

LIVING AREA	1,513
GARAGE AREA	433
LANAI AREA	146
FRONT PORCH/ ENTRY AREA	29
TOTAL SQUARE FOOTAGE	2,121

### CABINET BACKING

KITCHEN	UPPER TOP @ 84"	BASE TOP @ 35"
MASTER BATH	UPPER	BASE TOP @ 35"
GUEST BATH	UPPER	BASE TOP @ 31"
LAUNDRY ROOM	UPPER TOP @ 84"	BASE

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



FLOOR PLAN  
3/16" = 1'-0"

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

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TRUSS STRAPPING TO MASONRY		
MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER
1450	(1) META 1 G TO 40	8-0.148x1 1/2", EMBED 4"
1810	(1) META 1 G TO 40	9-0.148x1 1/2", EMBED 4"
2120	(1) META 1 G TO 40	10-0.148x1 1/2", EMBED 4"
1875 (1 PLY)	(2) META 1 G TO 40	10-0.148x1 1/2", EMBED 4"
1795 (2 PLY)	(2) META 1 G TO 40	14-0.162x3 1/2", EMBED 4"
2365 (2 PLY)	(2) META 1 G TO 40	12-0.162x3 1/2", EMBED 4"
2365 (2 PLY)	(2) META 1 G TO 40	12-0.162x3 1/2", EMBED 4"
3965/SYP 3330/SFP	MGT (2 PLY)	22-0.148x3" ATR, EPOXY 1 2"
4235/SYP 3640/SFP	HTT4	18-0.162x2 1/2", ATR, EPOXY 1 2"
4670/SYP 4015/SFP	HTT5	26-0.148x3" ATR, EPOXY 1 2"
5445/SYP 5300/SFP	HTT5KT	26-50M(1) 2x1/2", 3/8" ATR, EPOXY 1 2"
10690/SYP 10690/SFP	(1)HGT - 2	16-0.148x3" TO GIRDER,
		(2)3/4" ATR, EPOXY 1 2"
10790/SYP 10790/SFP	(1)HGT - 3	16-0.148x3" TO GIRDER,
		(2)3/4" ATR, EPOXY 1 2"

TRUSS STRAPPING TO STUDWALL/ WOOD BEAM		
MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER
850	(1)MTS 1 G TO 20	14-1.0dx1 1/2"
1700	(2) MTS 1 G TO 20	14-1.0dx1 1/2"
2550	(3) MTS 1 G TO 20	14-1.0dx1 1/2"
1125	(1) HTS20 TO 30	24-1.0dx1 1/2"
2250	(2) HTS20 TO 30	24-1.0dx1 1/2"
3375	(3) HTS20 TO 30	24-1.0dx1 1/2"
4500	(4) HTS20 TO 30	24-1.0dx1 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.

### MODEL 1526 VILLA (EACH UNIT): ATTIC VENTILATION FBCR R806

COORDINATE VENTING REQUIREMENTS WITH ENERGY CALCULATIONS						
AREAS (SQ. FT.)		SOFFIT ONLY (1/150) (NO ROOF VENTS)			WITH ROOF VENTS (1/300) (R.V.)	
MARK	ATTIC	SOFFIT	ATTIC AREA/150	REQD AIR FLOW OF SOFFIT	ATTIC AREA/300	QUANTITY OF ROOF VENTS
1st STORY	2100.0 SQ. FT.	137.3 SQ. FT.	14.0 SQ. FT.	10.20%	7.0 SQ. FT.	3



### MINIMUM EQUIVALENT THICKNESS (IN) BEARING OR NON-BEARING CONCRETE MASONRY WALLS

TYPE OF AGGREGATE	FIRE - RESISTANCE RATING (HOURS)	
	2 HR	4 HR
1. PUMICE OR EXPANDED SLAG	3.2"	4.0"
2. EXPANDED SHALE, CLAY OR SLATE	3.6"	4.2"
3. LIMESTONE, CINDERS, OR UNEXPANDED SLAG	4.0"	4.2"
4. CALCAREOUS OR SILICEOUS GRAVEL	4.2"	4.2"

FOR THE 2 HOUR FIREWALL, PURCHASE ONLY BLOCK WITH 2 HOUR FIRE RATED MARKING, LABEL OR DOCUMENTATION.

### FIRE RESISTANCE RATINGS - ANSUL 263 (BXUV)

**Design No. U301**

1. **Nailheads** - Exposed or covered with joint finisher.  
 2. **Joints** - Exposed or covered with fiber tape and joint finisher. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.  
 3. **Nails** - 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam, 1/4 in. diam heads, and 8d cement coated nails 2-3/8 in. long, 0.113 in. shank diam, 9/32 in. diam heads.  
 4. **Gypsum Board** - 5/8 in. thick, two layers applied either horizontally or vertically. Inner layer attached to studs with the 1-7/8 in. nails spaced 8" o.c. Outer layer attached to studs over inner layer with the 2-3/8 in. long nails spaced 8" o.c. Vertical joints located over studs. All joints in face layers staggered with joints in base layers. Joints of each base layer offset with joints of base layer on opposite side.  
 When used in widths other than 48 in., gypsum board to be installed horizontally. When Steel Framing Members (Item 5) are used, base layer attached to furring channels with 1 in. long Type S bugle-head steel screws spaced max. 24 in. o.c.; face layer attached with 1-5/8 in. long Type S bugle-head steel screws spaced max. 12 in. o.c.

**AMERICAN GYPSUM CO.** - Types AG-C, AGX-11, AGX-C.  
**BELING NEW BUILDING MATERIALS CO LTD** - Type DBX-1.  
**CERTAINTED GYPSUM, INC.** - Types 1, FRPC, EGRG, ProRoc Type C or ProRoc Type X.  
**CERTAINTED GYPSUM CANADA, INC.** - ProRoc Type C, ProRoc Type X, ProRoc Type Absorbent Resistant.  
**CANADIAN GYPSUM COMPANY** - Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX.  
**G-O GYPSUM CORP.** - SUB OF  
**GEORGIA-PACIFIC CORP.** - Types 5, 9, C, DAP, DD, DA, DGG, DS, GPFS6.  
**LAFARGE NORTH AMERICA INC.** - Types LGFC-C, LGFC2, LGFC2A, LGFC3, LGFC4, LGFC4A.  
**NATIONAL GYPSUM CO.** - Types FSK, FSK-C, FSK-G, FSW, FSW-3, FSW-C, FSW-G.  
**PASCO GYPSUM, DIV OF PACIFIC COAST BUILDING PRODUCTS INC.** - Types C, PG-2, PG-3, PG-3W, PG-4, PG-4, PG-5W, PG-SWS, PG-9 or PG-C.  
**TEMPLE HILL FOREST PRODUCTS CORP.** - Type TG-C.  
**SIAM GYPSUM INDUSTRY (SARABURI) CO LTD** - Type EX-1.  
**STANDARD GYPSUM I L C.** - Types SGC, SG-C or SG-C-G.  
**UNITED STATES GYPSUM CO.** - Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX.  
**USG MEXICO SA DE CV** - Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX.

4A. **Gypsum Board** - (As an alternate to Item 4) - Nom. 3/4 in. thick, installed as described in Item 4.  
**CANADIAN GYPSUM COMPANY** - Types AR, IP-AR.  
**UNITED STATES GYPSUM CO.** - Types AR, IP-AR.  
**USG MEXICO SA DE CV** - Types AR, IP-AR.

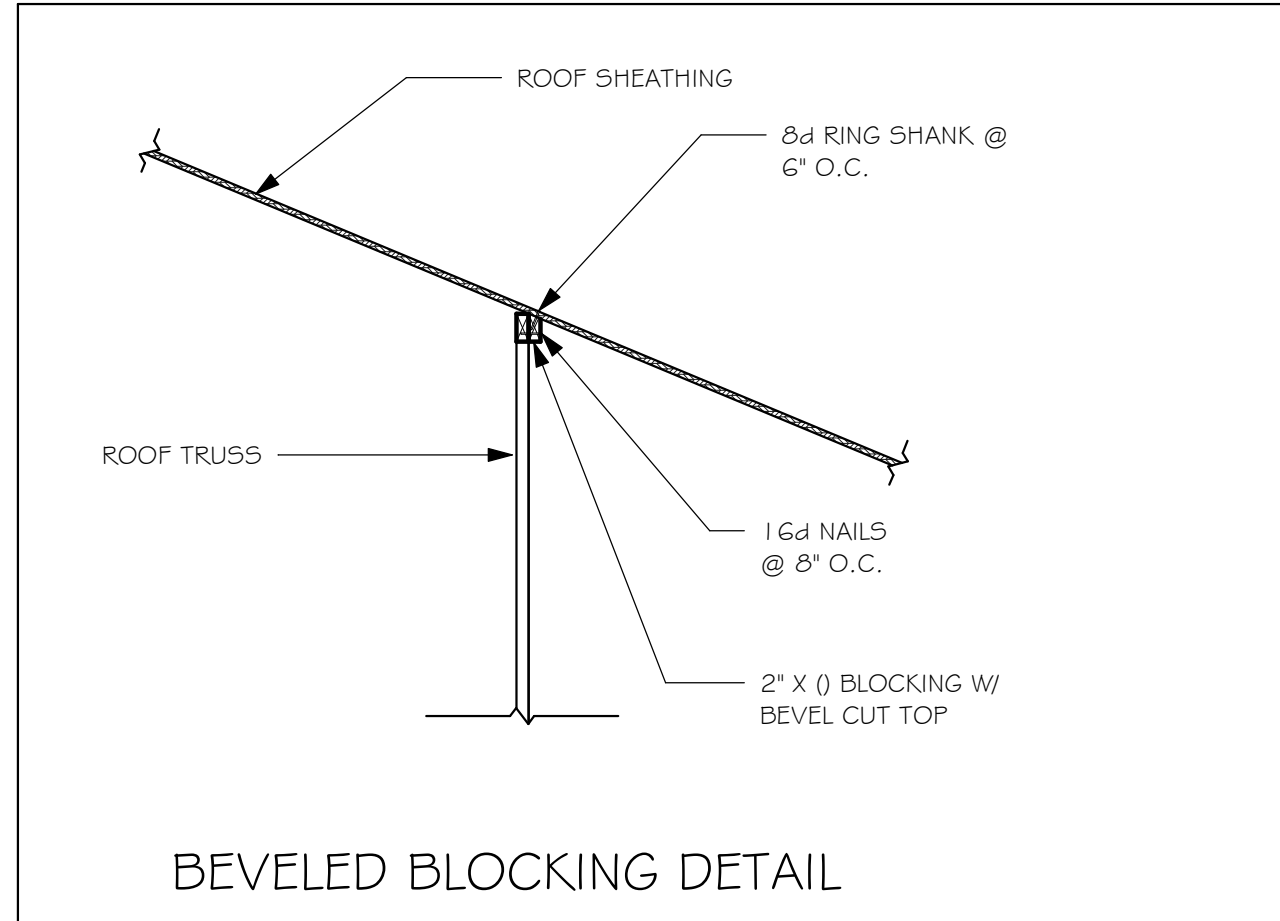
4B. **Gypsum Board** - (As an alternate to Items 4 and 4A) - 5/8 in. thick, 2 ft. wide, tongue and groove edge, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 4. Joint covering (Item 2) not required.  
**CANADIAN GYPSUM COMPANY** - Types SHX.  
**UNITED STATES GYPSUM CO.** - Types SHX.  
**USG MEXICO SA DE CV** - Types SHX.

5. **Molded Plastic** - Not shown. Optional - Solid vinyl siding mechanically secured over the outer layer to framing members in accordance with manufacturer's recommended installation details.

**ASSOCIATED MATERIALS INC**  
**ALSIDIE, DIV OF GENITEK BUILDING PRODUCTS LTD**  
**HEATLAND BUILDING PRODUCTS INC**  
**VYTEC CORP**  
**NEBRASKA PLASTICS INC**

6. **Steel Framing Members** - (Optional, Not shown) - Furring channels and resilient sound isolation clip as described below:  
 A. **Furring Channels** - Formed of No. 25 MS9 galv. steel, 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. o.c. perpendicular to studs. Channels secured to studs as described in Item 8. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv. steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Wallboard attached to furring channels as described in Item 4.  
 B. **Steel Framing Members** - Resilient sound isolation clip used to attach furring channels (Item 6A) to studs. Clips spaced 48 in. o.c. and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips.

**PAC INTERNATIONAL INC** - Type RSIC-1.  
 \*Bearing the UL Classification Mark



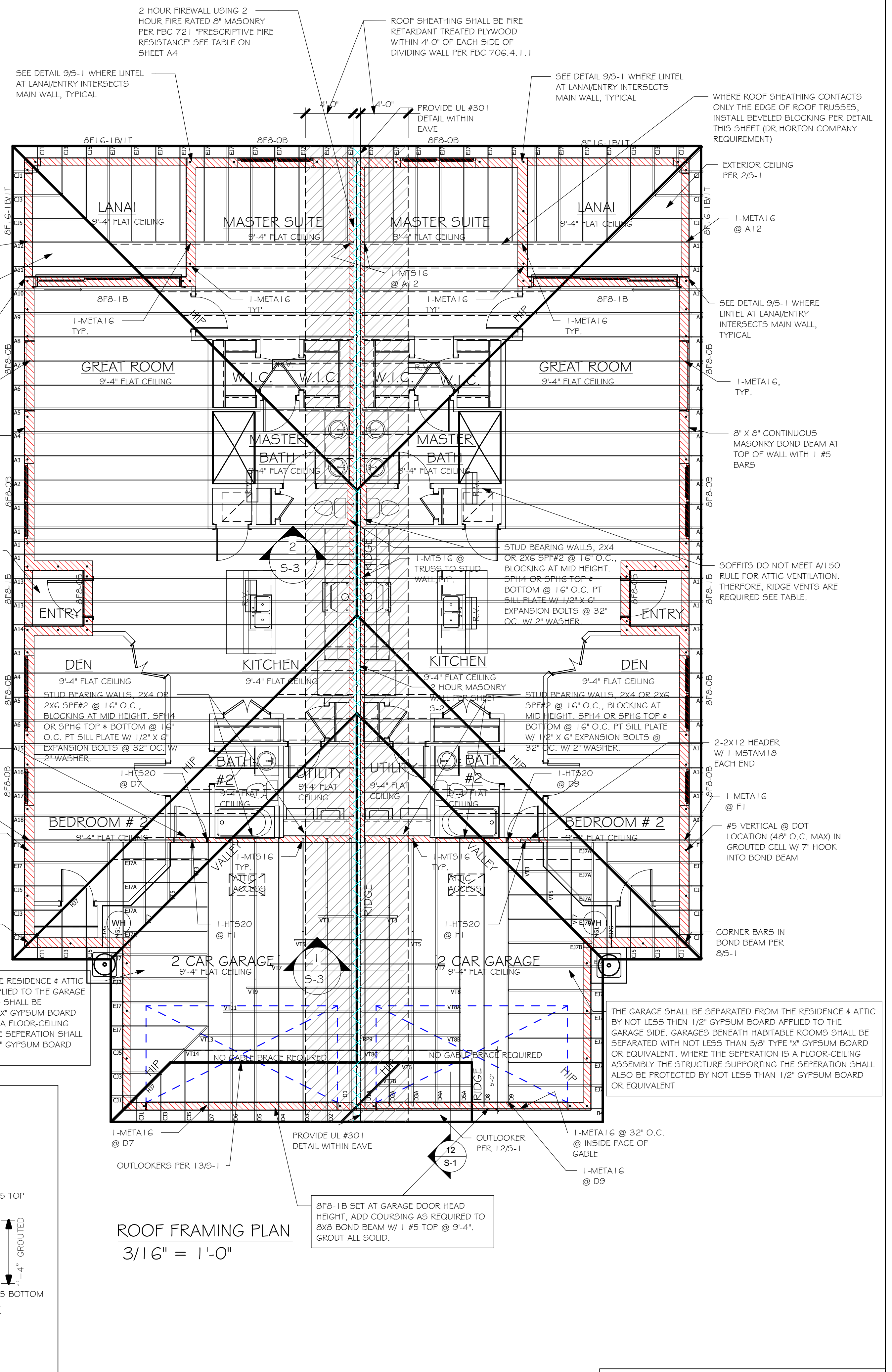
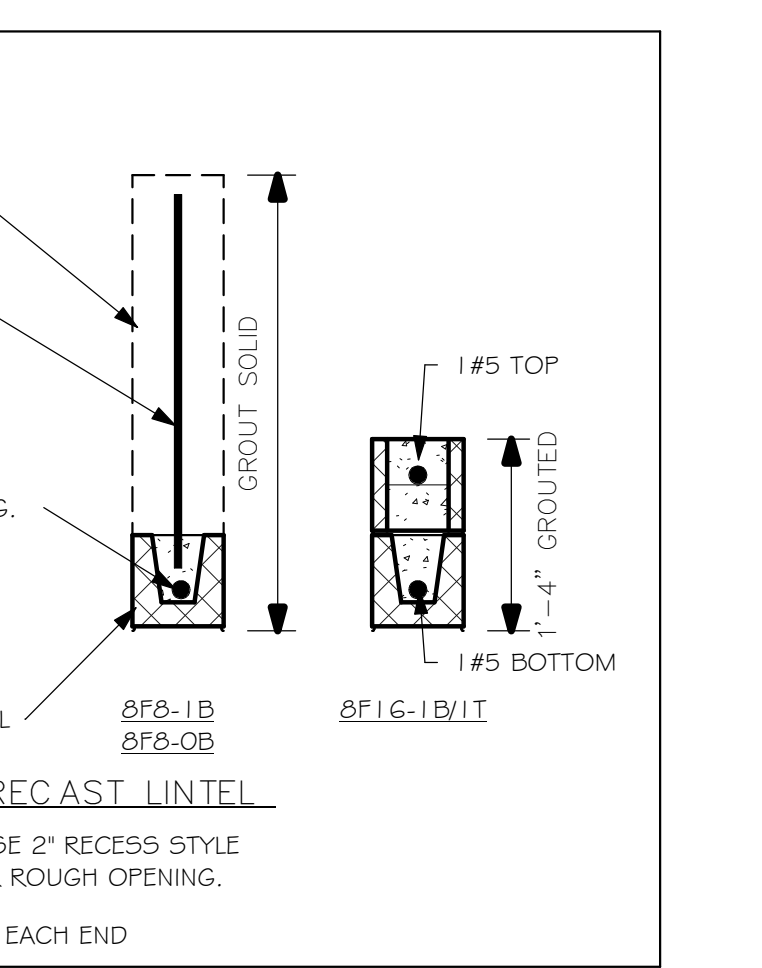
TRUSS BEARING CONDITIONS AND STRAPPING BASED ON TRUSS LAYOUT PREPARED BY BUILDERS FIRST SOURCE JOB# DATED: 01/4/19 REVISED: 02/22/19



**PLAN NOTES:**

- ROOF AND FLOOR TRUSS BEARING ELEVATION VARIES, SEE LEGEND.
- ROOF AND FLOOR FRAMING SHALL BE WOOD TRUSSES DESIGNED BY A DELEGATED TRUSS ENGINEER PER DESIGN CRITERIA ON SHEET S-1. PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS SHEET.
- FOR NAILING OF ROOF AND FLOOR DECK, SEE 1 AND 2 ON S-1.
- [S-F-TB] etc., DENOTES PRECAST LINTEL ABOVE DOOR/WINDOW OPENING PER SCHEDULE THIS SHEET. AT TRUSS BEARING, PROVIDE 8x8 MASONRY BOND BEAM W/ 1 #5 CONTINUOUS, SEE DETAIL 1/15-1.

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 SEPERATION IS A FLOOR-CEILING ASSEMBLY THE STRUCTURE SUPPORTING THE SEPERATION SHALL ALSO BE PROTECTED BY NOT LESS THAN 1/2" GYPSUM BOARD OR EQUIVALENT









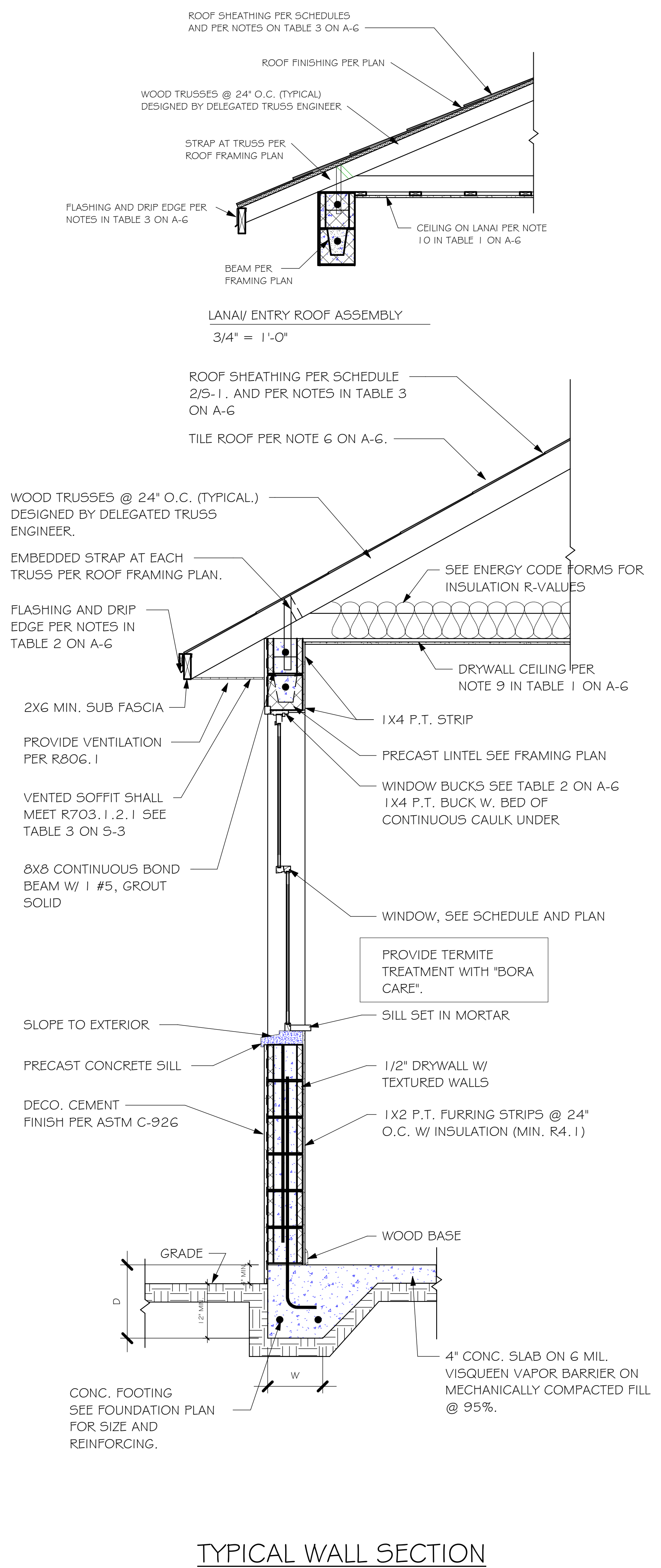
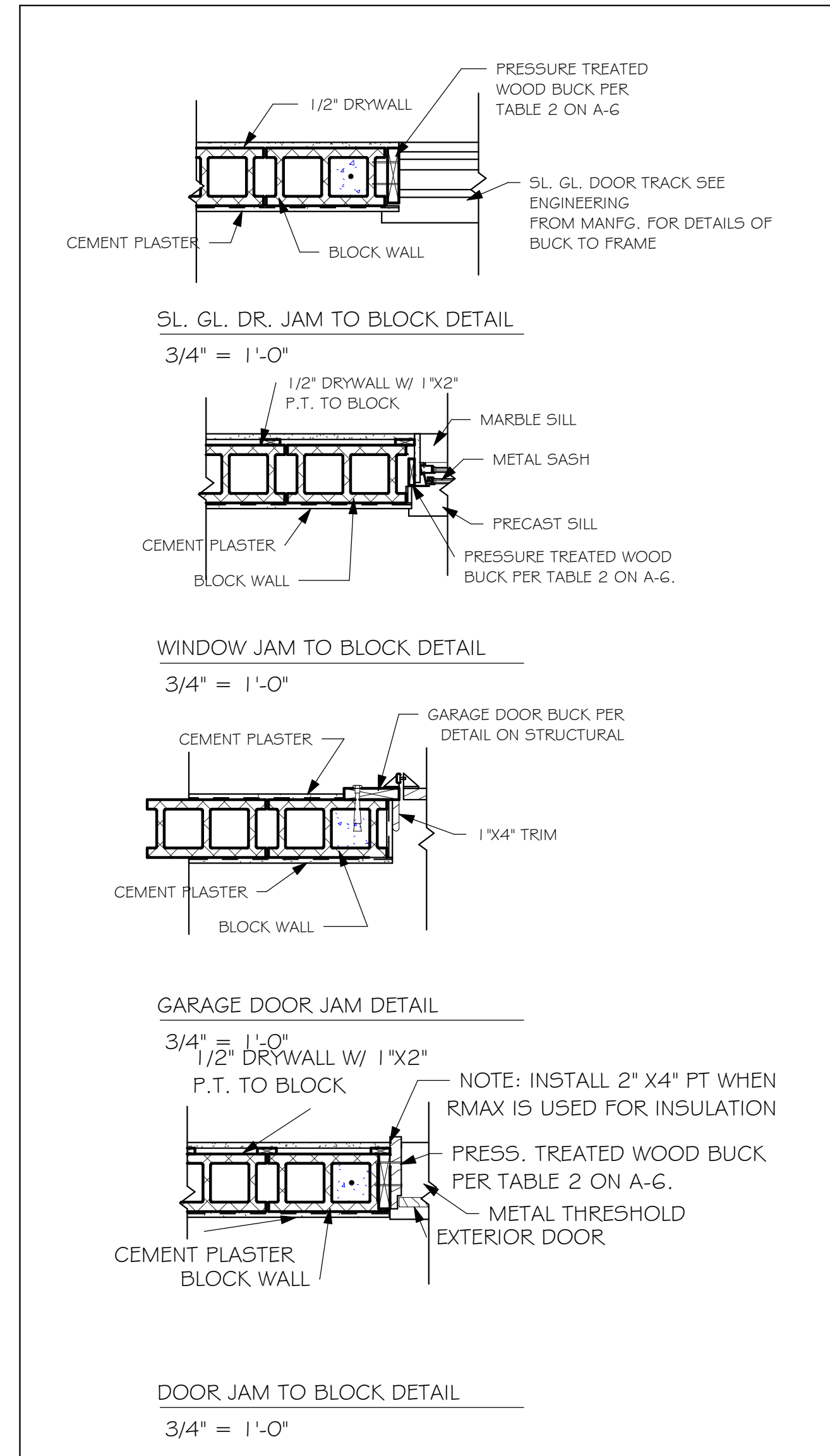
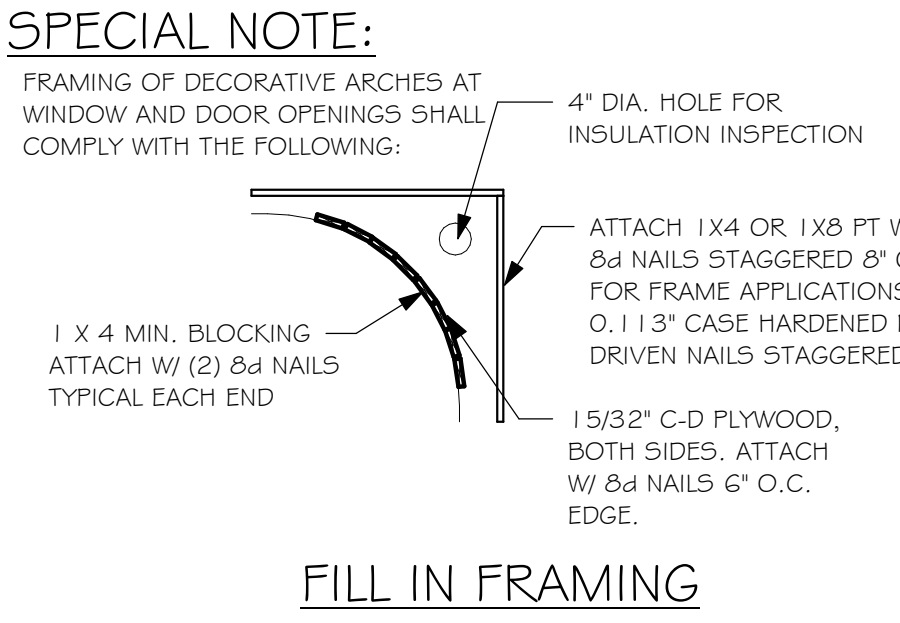
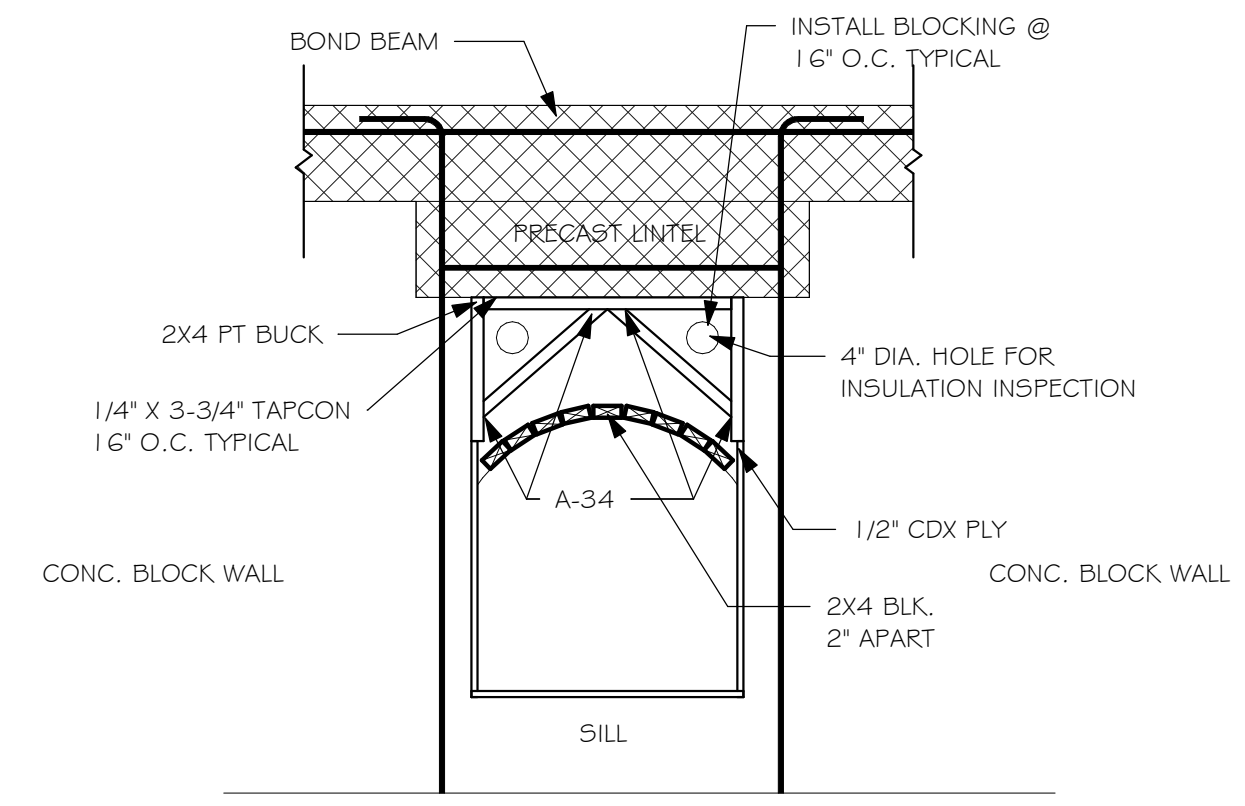
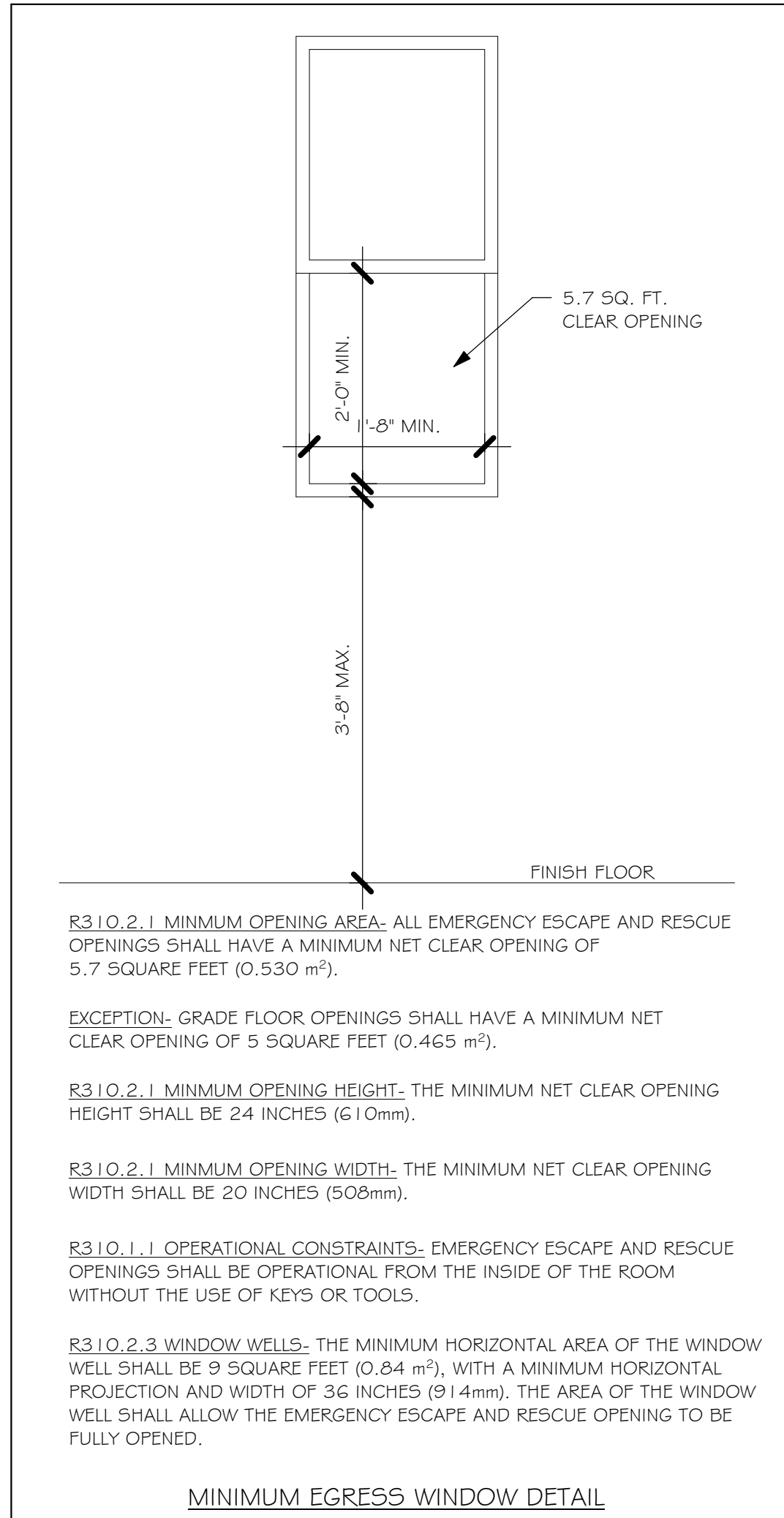
- 1 RESIDENTIAL SPECIFICATIONS**
- GENERAL NOTES**
- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK.
  - THE CONTRACTOR SHALL SUPPLY, LOCATE AND BUILD INTO THE WORK ALL INSERTS, ANCHORS, ANGLES, PLATES, OPENINGS, SLEEVES, HANGERS, SLAB DEPRESSIONS AND FITCHES AS MAY BE REQUIRED TO ATTACH AND ACCOMMODATE OTHER WORK.
  - 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.
  - 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.
  - 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.
  - 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. ALL BOLTS, NUTS, WASHERS, STRAPS AND FASTENERS INCLUDING NAILS, SHALL BE HOT MOPED DIPPED GALVANIZED OR STAINLESS STEEL CONTINUOUS ANCHORAGE SHALL BE PROVIDED BETWEEN ALL TRUSSES, WALL SECTIONS, BEAMS, POSTS AND FOOTINGS WITH USE OF STRAPS AND CONNECTORS AS SPECIFIED HEREIN.
  - TREATED WOOD REQUIREMENTS:- ALL TREATED 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.
  - 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.
  - 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
  - LANAI CEILINGS + COVERED ENTRY CEILINGS 1X4 STRIPPING @ 16" O.C. FASTENED WITH 2-8d NAILS TO EACH TRUSS. 5/8" EXTERIOR GYP. BOARD CEILING FASTENED WITH 8d NAILS OR 1-5/8" DRYWALL SCREWS @ 6" O.C. EDGE AND FIELD.

- 6 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 D 3462, 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 MANUFACTURER'S REQUIREMENTS FOR INSTALLATION IN THE GIVEN FLORIDA WIND ZONE, AS DETERMINED BY ASTM D 3161.
- FASTENERS**  
FASTENERS FOR ASPHALT SHINGLES SHALL COMPLY WITH ASTM F 1667, AND SHALL BE MADE WITH GALVANIZED STEEL, STAINLESS STEEL OR ALUMINIUM WITH A MINIMUM SHANK SIZE OF 1/2 GAUGE (0.105") WITH A MINIMUM 3/8" DIAMETER HEAD SHANK AND SHALL BE A LENGTH TO PENETRATE THE SHEATHING
- THE NAIL COMPONENT OF PLASTIC CAP NAILS SHALL MEET OR EXCEED THE REQUIREMENTS OF ASTM A 641, CLASS 1, OR EQUAL, AND SHALL BE CORROSION RESISTANT BY ELECTRO GALVANIZATION, MECHANICAL GALVANIZATION, HOT DIPPED GALVANIZATION OR SHALL BE MADE OF STAINLESS STEEL, NON-FERROUS METAL

- 4 CLAY AND CONCRETE ROOF TILE SPECS**
- INSTALL PEEL AND STICK UNDERLAYMENT APPROVED FOR SINGLE LAYER APPLICATION UNDER TILE ROOF. THE INSTALLATION OF CLAY AND CONCRETE TILE SHALL COMPLY WITH THE PROVISIONS OF R905.3 F.B.C. MARKING: EACH ROOF TILE SHALL HAVE A PERMANENT MANUFACTURER'S IDENTIFICATION MARK APPLICATION SPECIFICATIONS: THE TILE MANUFACTURER'S WRITTEN APPLICATION SPECIFICATIONS SHALL BE AVAILABLE AND SHALL INCLUDED 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.

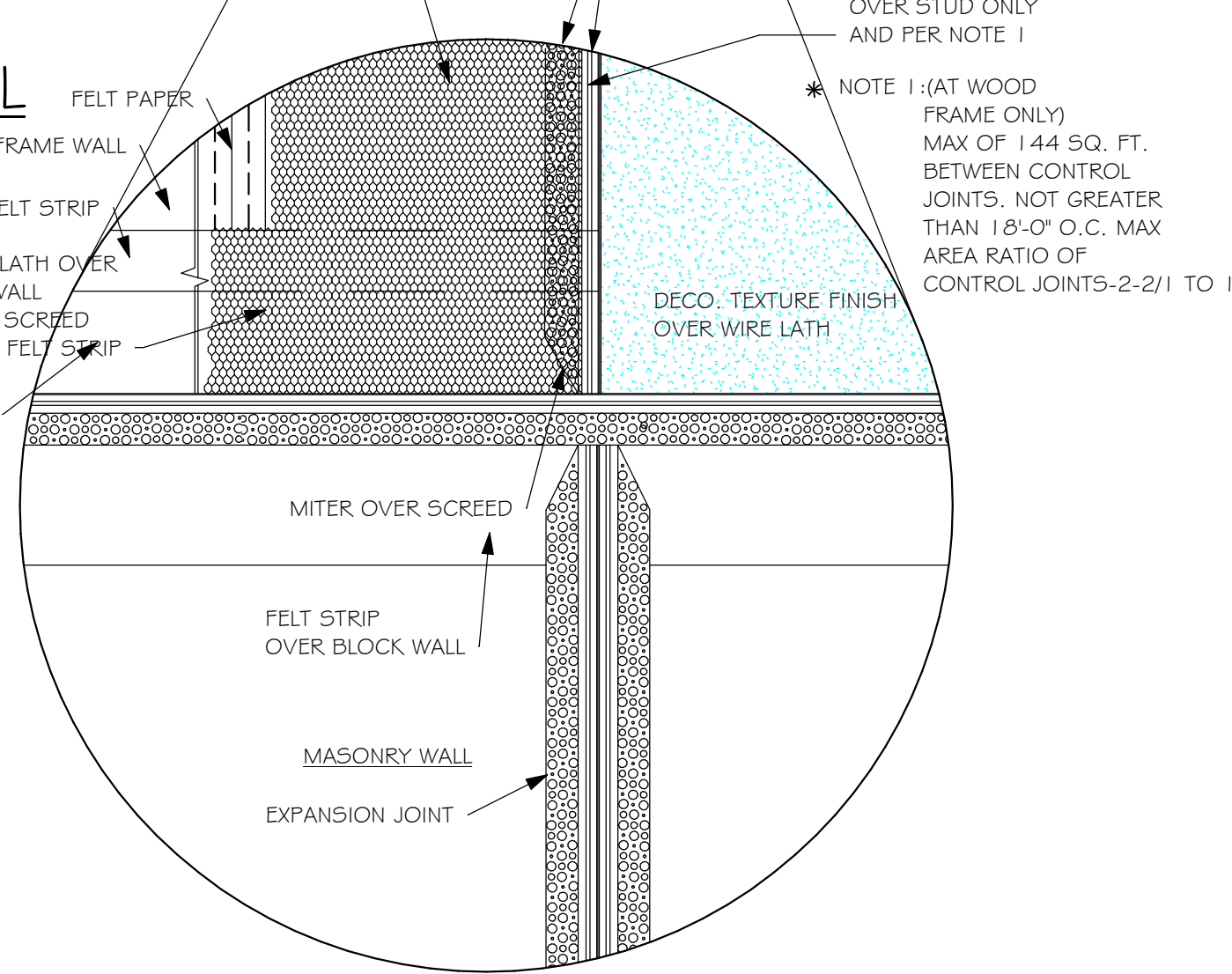
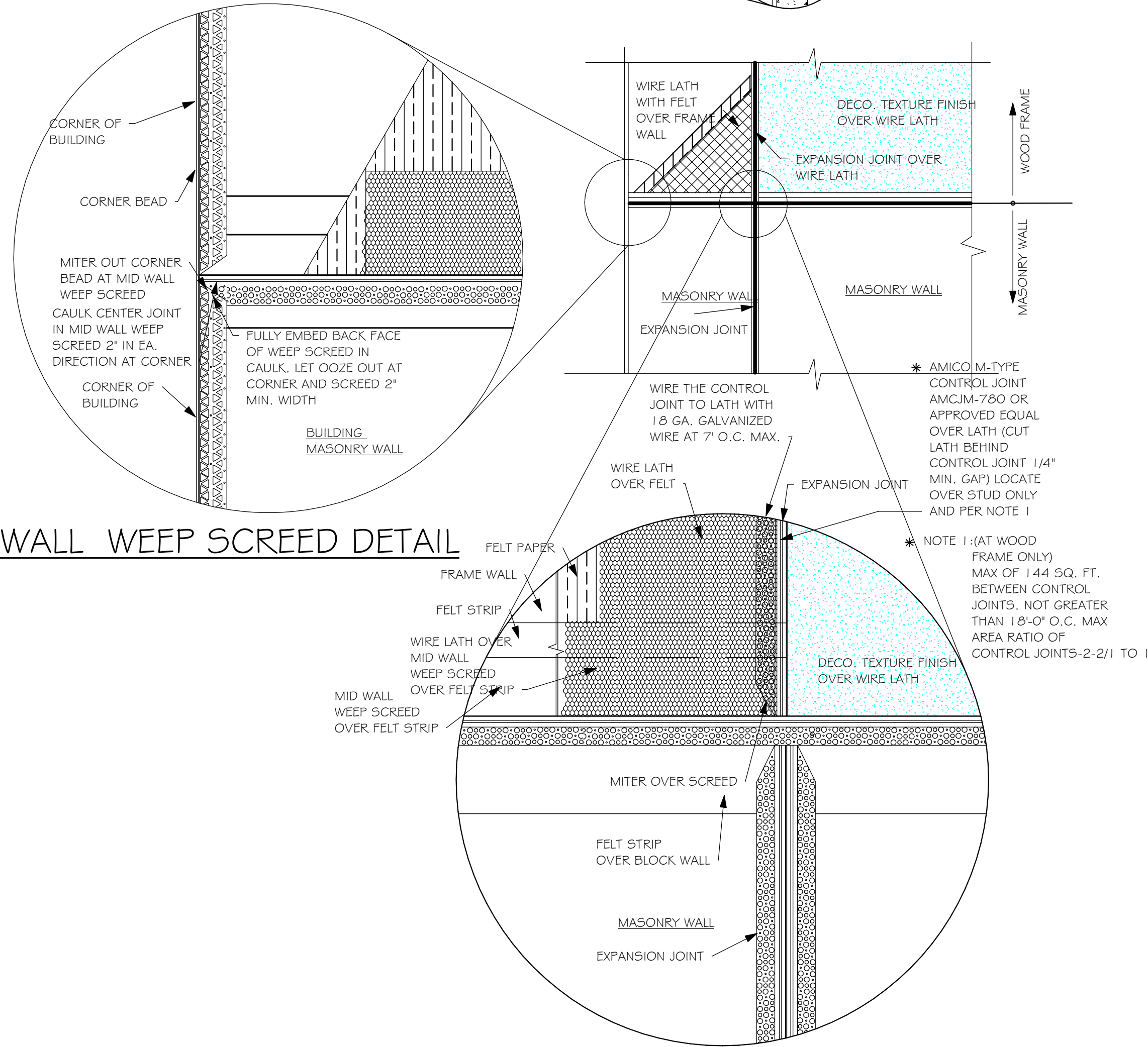
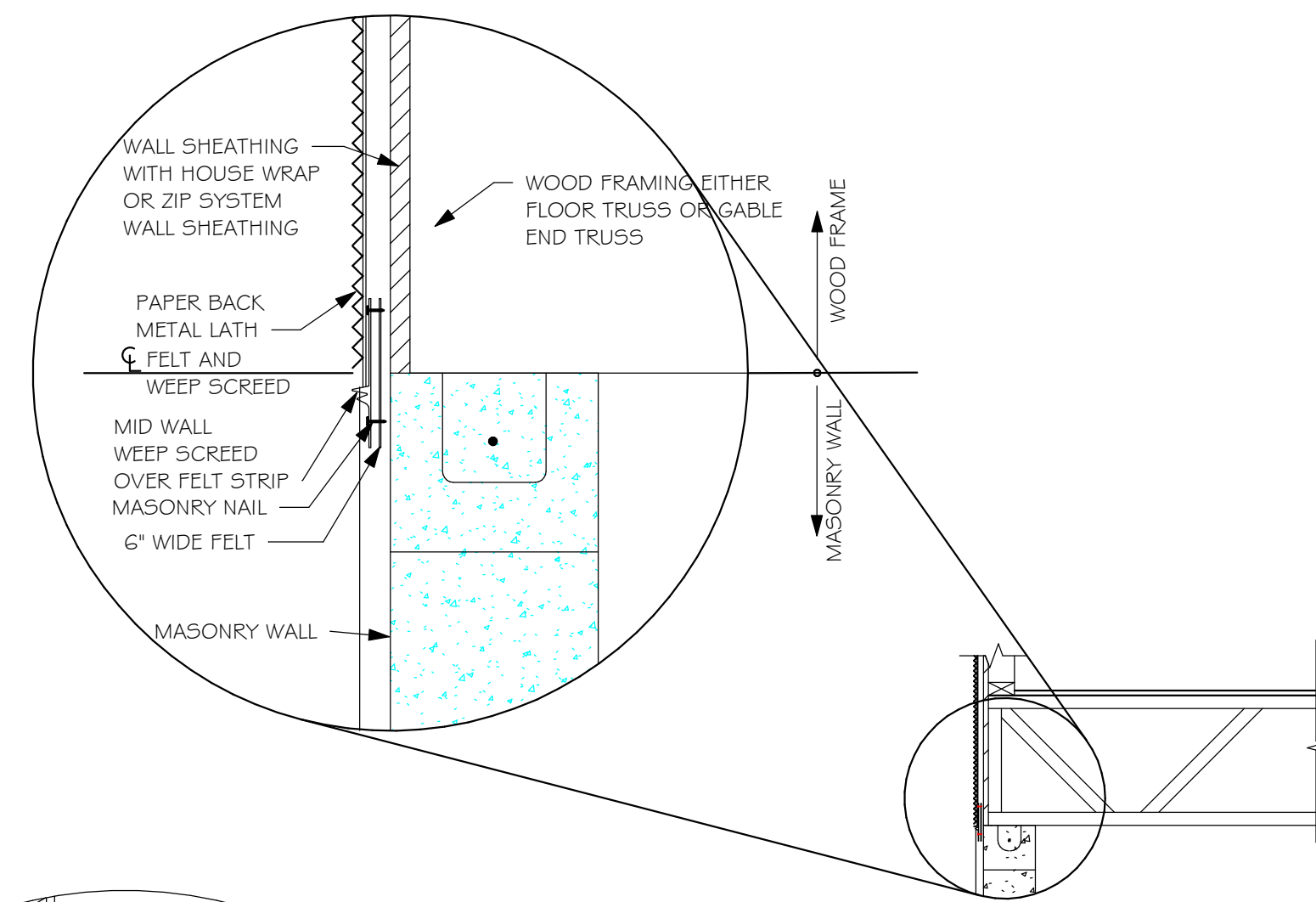
- 5 FLOOR SHEATHING AT 2ND FLOOR**
- A.P.A. RATED STURDI-FLOOR, EXPOSURE 1, TONGUE + GROOVE EDGES SPAN RATING 48/24 OR BETTER, GLUED AND NAILED

- 3 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" CLIPS AT UNSUPPORTED PANEL EDGES. THE ROOF SHEATHING SHALL BE NAILED WITH 8d RING SHANK NAILS @ 4" O.C. EDGE AND 6" O.C. FIELD. ENSURE THAT ALL NAILS PENETRATE THE TOP CHORD OF THE TRUSSES WITHOUT SPLITTING. RING SHANK NAILS PER R803.2.3.1 - 0.113" NOMINAL SHANK DIAMETER, RING DIAMETER 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 0.0179" THICK, 26 GAUGE A250 ALUM ZINC, OR GALVANIZED STEEL 0.0179" THICK, 26 GAUGE ZINC COATED G30. FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH THE ZIP SYSTEM ROOF SHEATHING MANUFACTURER'S PUBLISHED REQUIREMENTS. ALL FLASHING AND INSTALLATION SHALL CONFORM TO SECTION R905.2.8 (1 TO 5).
- DRIP EDGE**  
DRIP EDGE SHALL BE PROVIDED AT ALL EAVES AND GABLES OF SHINGLES ROOFS, LAPPED A MINIMUM OF 3" @ JOINTS. THE OUTSIDE EDGE SHALL EXTEND A MINIMUM OF 1/2" BELOW SHEATHING AND THE INSIDE EDGE SHALL EXTEND BACK A MINIMUM OF 2". DRIP EDGE SHALL BE FASTENED AT NO MORE THAN 4" CENTERS. THERE SHALL BE A MINIMUM OF 4" WIDTH OF ROOF CEMENT INSTALLED OVER THE DRIP EDGE FLANGE.

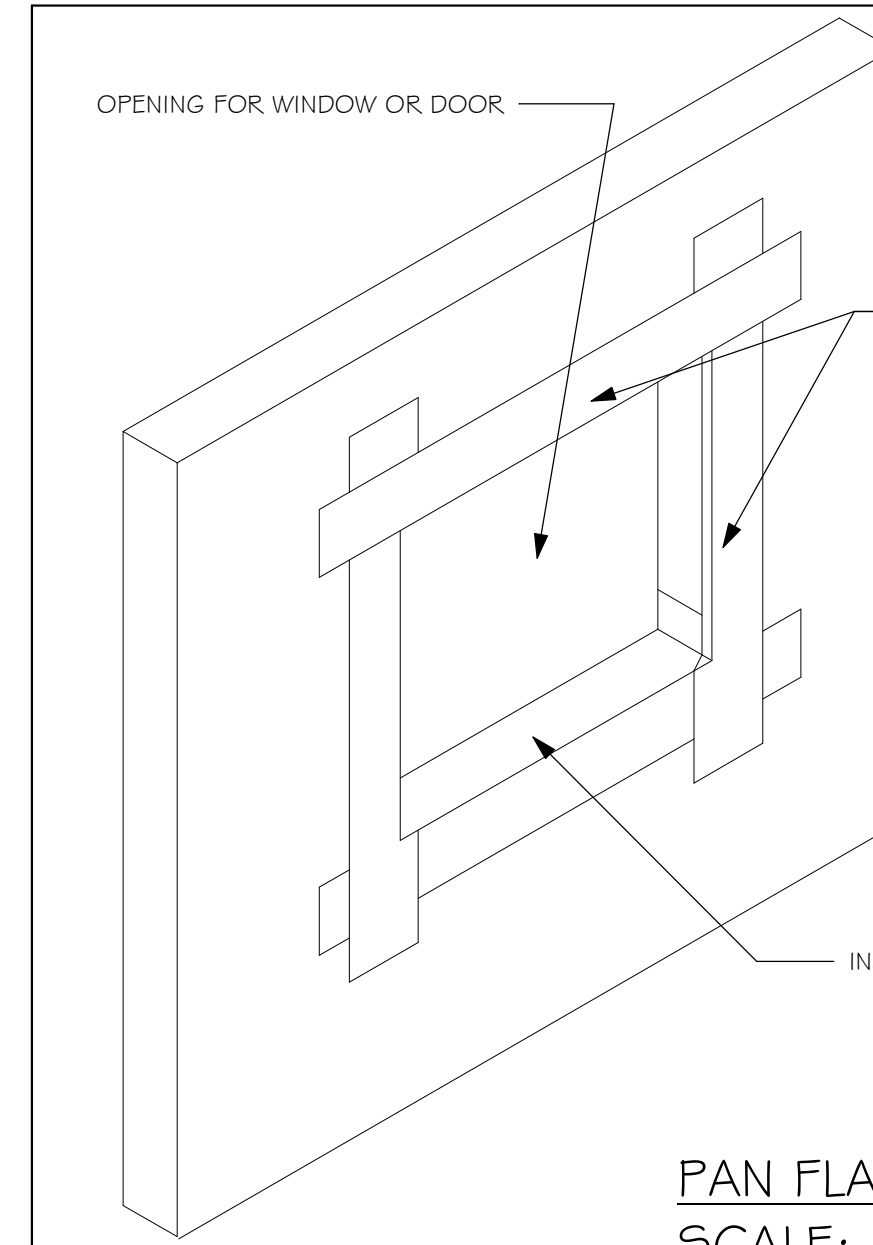


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**WEEN SCREED DETAIL**  
INSTALL AT ALL EXTERIOR WALL LOCATIONS WHERE WOOD STUD FRAMING IS ABOVE MASONRY WALLS.



R703.4 - WHERE FLASHING INSTRUCTIONS OR DETAILS ARE NOT PROVIDED BY THE WINDOW OR DOOR MANUFACTURER OR BY THE FLASHING MANUFACTURER, "PAN FLASHING" SHALL BE INSTALLED AT THE SILL OF EXTERIOR WINDOW AND DOOR OPENINGS. PAN FLASHING SHALL BE SEALED OR SLOPED IN SUCH A MANNER AS TO DIRECT WATER TO THE SURFACE OF THE EXTERIOR WALL FINISH OR TO THE WATER-RESISTIVE BARRIER FOR SUBSEQUENT DRAINAGE. OPENINGS USING PAN FLASHING SHALL ALSO INCORPORATE FLASHING OF PROTECTION AT THE HEAD AND SIDES.

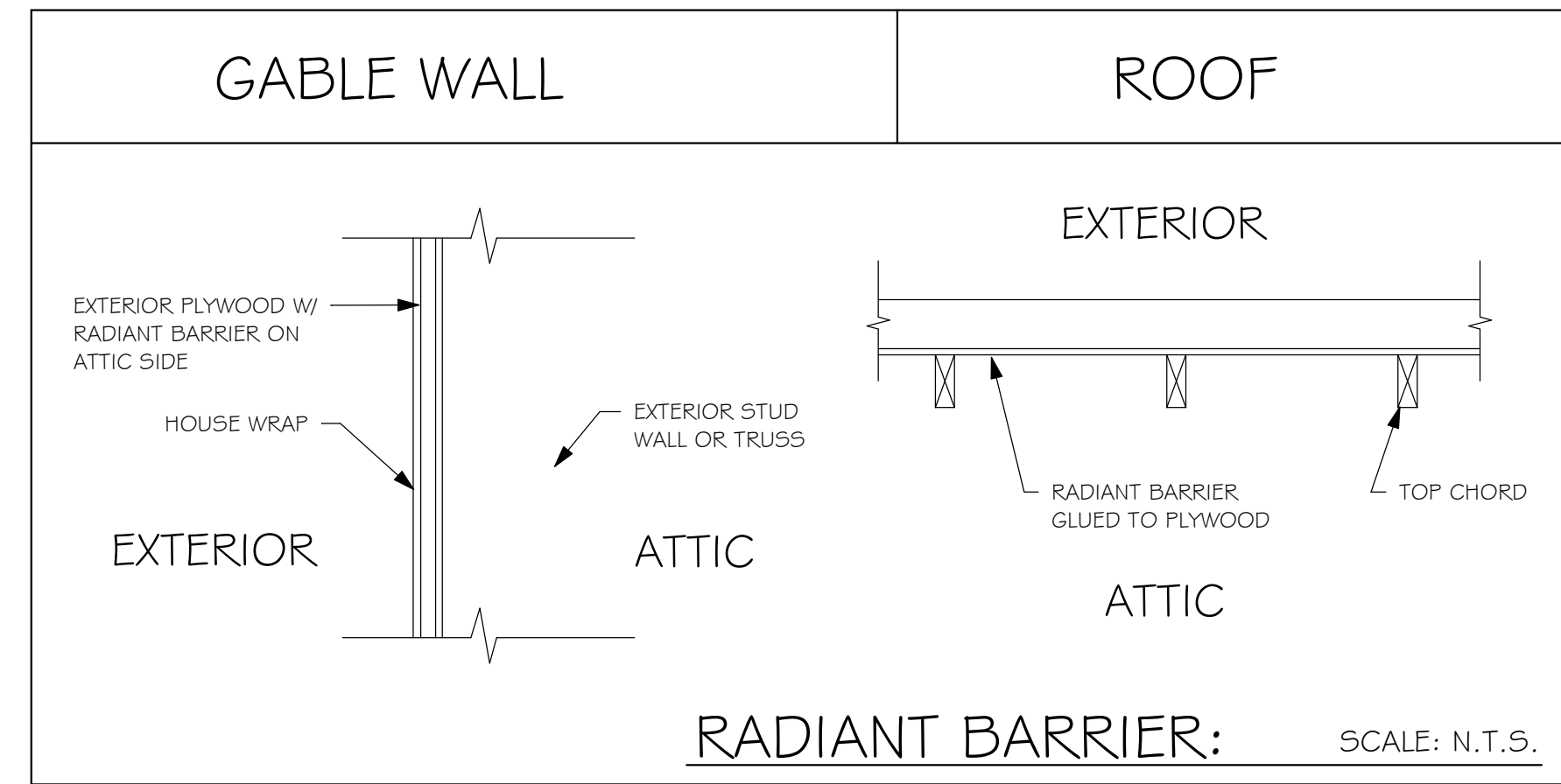
WHERE "PAN" FLASHING IS USED AT THE SILL, ALSO INCORPORATE FLASHING OR PROTECTION AT THE HEAD AND SIDES

"PAN FLASHING" IS A GENERIC TERM THAT USED TO REFER TO "METAL PAN FLASHING". HOWEVER MANY MODERN MATERIALS HAVE BEEN DEVELOPED FOR THE SAME FUNCTION SUCH AS:  
- FLEXIBLE PEEL AND STICK FLASHING MEMBRANE  
- FLUID APPLIED FLASHING  
FOR SUCH PRODUCTS FOLLOW THE MANUFACTURER'S INSTALLATION REQUIREMENTS

FOR IN-DEPTH FLASHING INSTRUCTIONS, REFER TO THE FOLLOWING PUBLICATIONS:  
FMAJAMA 100  
FMAJAMA 200  
FMAJAMA 250  
FMAJAMAWDMA 300

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

**PAN FLASHING PER R703.4**  
SCALE: N.T.S.



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

**D.R.HORTON**  
America's Builder

**Gulf Coast**  
Drafting & Design, Inc.

EMAIL: PLANS@GULFCOASTDRAFTING.COM  
PHONE: 239-540-8222  
1515 SE 47th ST. CAPE CORAL, FL 33904

LOT: 207-208  
SUBDIVISION: WEST VILLAGES TV5  
ADDRESS: 20573-20579 SAINT KITTS WAY  
D.R.H. #: 579780053-054

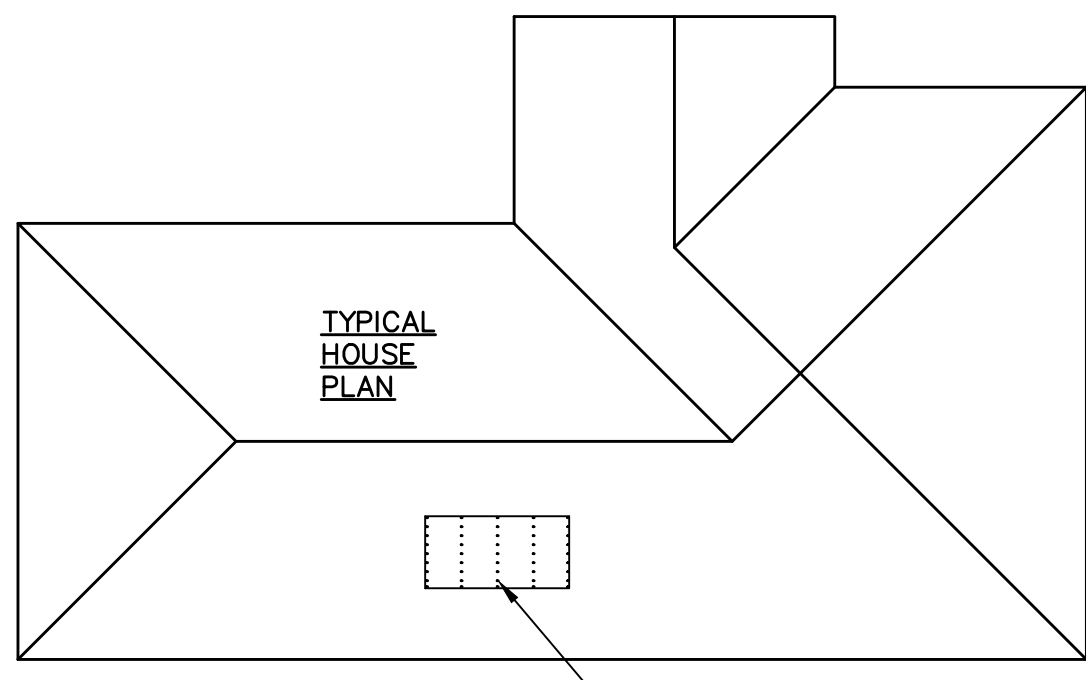
MODEL  
**1526 VILLA**  
GCD JOB # 11462

DATE: 02/11/20  
DRAWN BY: JBL  
CHECKED BY: JWC  
REVISED:  
PLAN: BANDING DETAILS  
SCALE: As indicated

**A-7**

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





8d RING SHANK NAILS 6" O.C. EDGE AND 6" O.C. FIELD. ENSURE THAT ALL NAILS PENETRATE THE TOP CHORD OF THE TRUSS WITHOUT SPLITTING.

**1 ROOF DECK NAILING PATTERN**

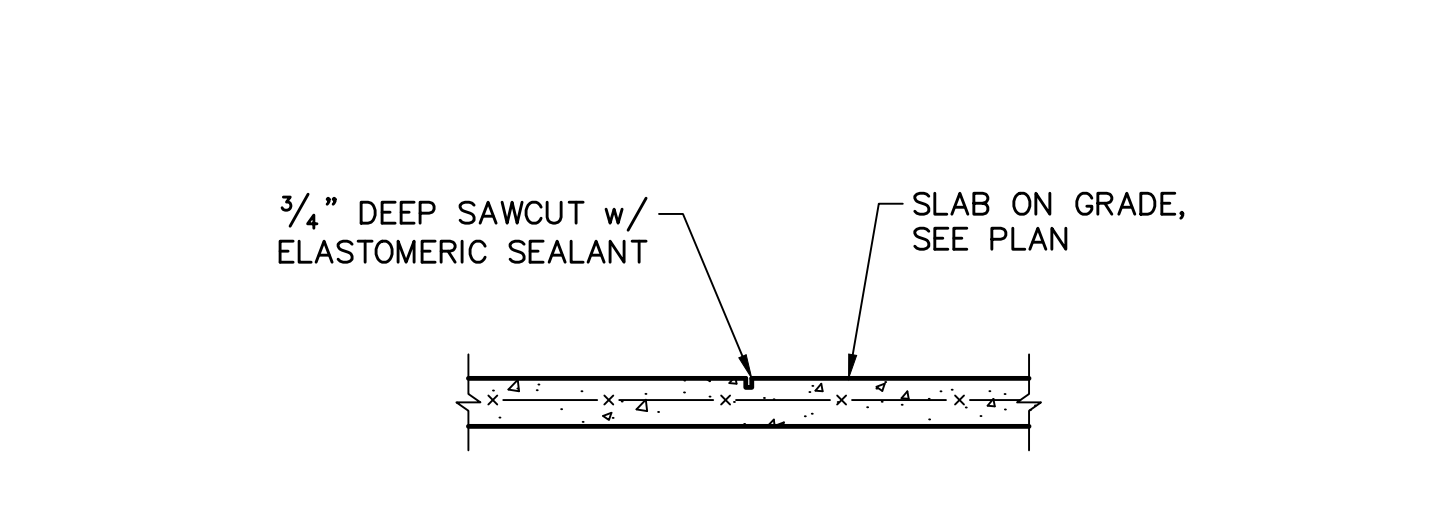
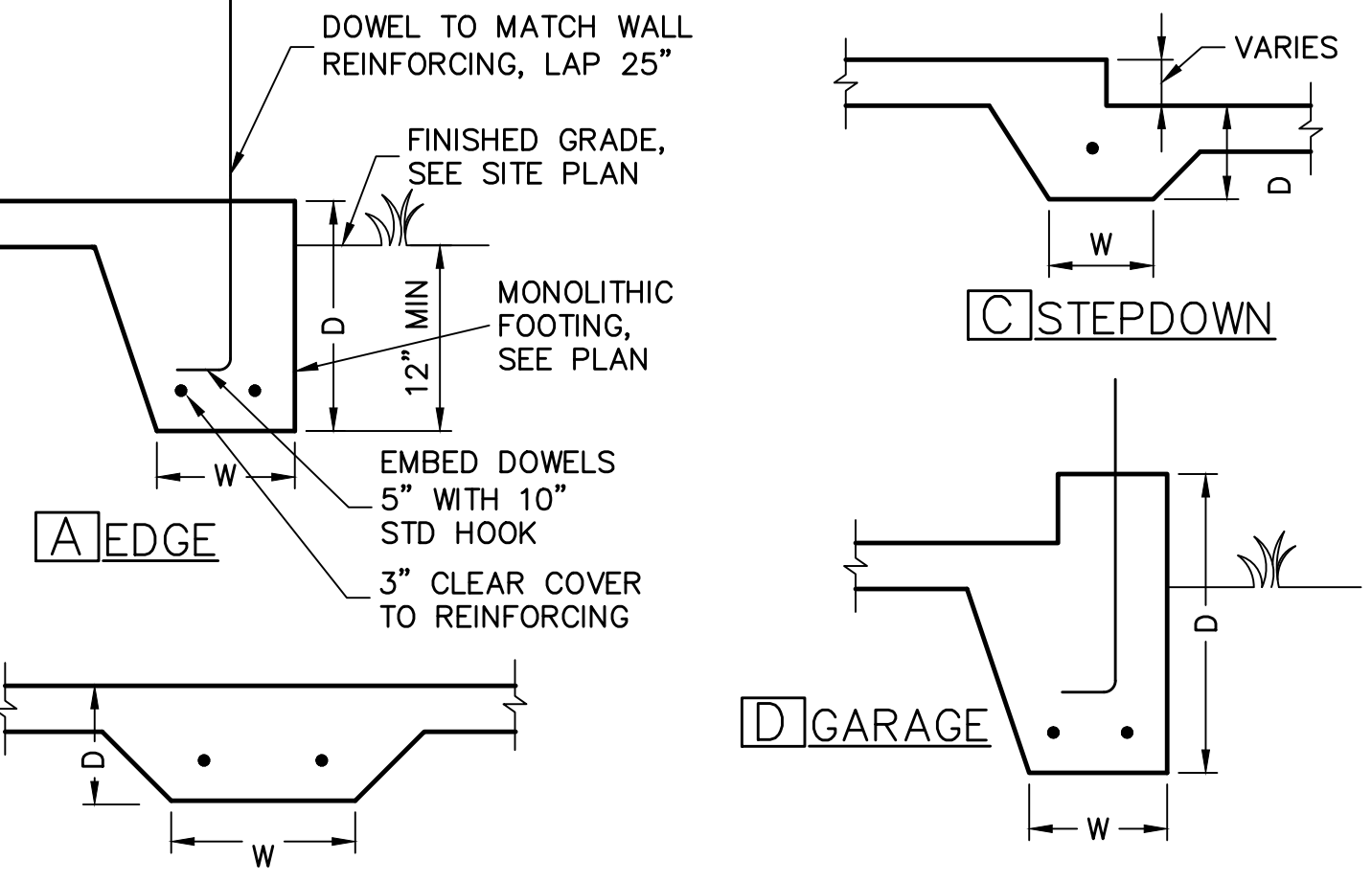
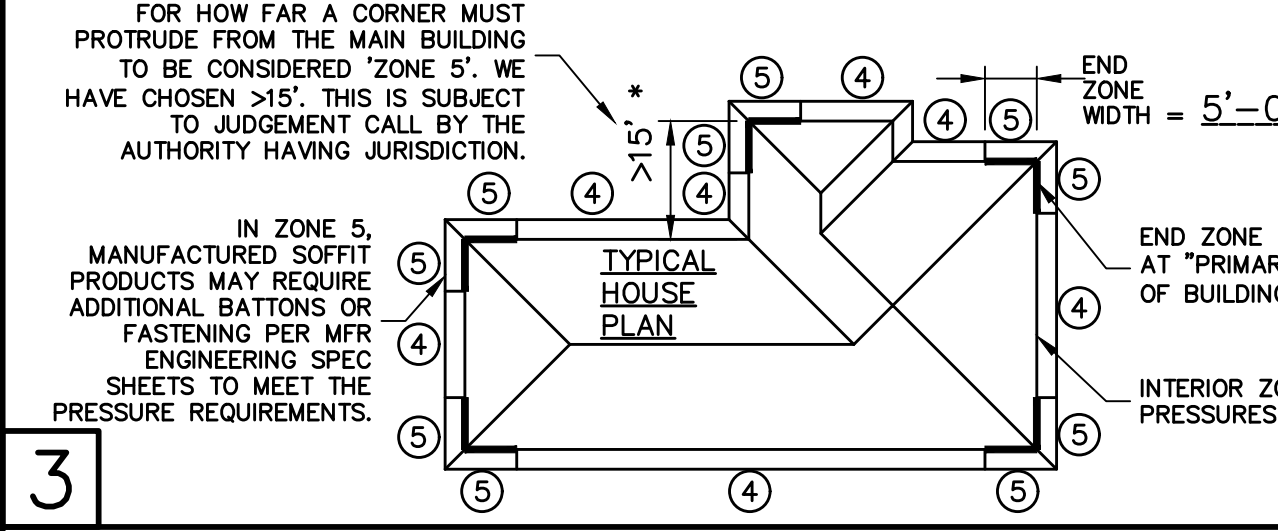
SCALE: NTS

SHEATHING SCHEDULE	
EXTERIOR STUD WALL	FLOOR
7/16" ZIP SYSTEM WALL SHEATHING BY HUBER ENGINEERED WOODS LLC, NAILED W/ 8d COMMON WIRE @ 6" O.C. EDGE AND 6" O.C. FIELD. PROVIDE 2x4 BLOCKING AT ALL JOINTS. INSTALL SHEATHING AND SEAM TAPE IN STRICT ACCORDANCE WITH MFR. WRITTEN INSTRUCTIONS.	N/A
ROOF	EXTERIOR CEILING AND SOFFIT
A.P.A. RATED SHEATHING, EXPOSURE 1, SPAN RATING 24/16 OR BETTER. FASTEN WITH 8d RING SHANK NAILS @ 6" O.C. EDGE AND 6" O.C. FIELD.  (WHEN 1/2" ZIP BRAND ROOF SHEATHING IS USED, H-CLIPS ARE NOT REQUIRED)  (RING SHANK NAILS PER R803.2.3.1: 0.113" NOMINAL SHANK DIAMETER, RING DIA. OF 0.02" 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, 3/8" 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) VINYL OR ALUMINUM PERFORATED SOFFIT INSTALLED PER MANUFACTURER INSTRUCTIONS TO MEET WIND PRESSURES PER R703.1.2.1.

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

WINDOW/DOOR/SOFFIT DESIGN WIND PRESSURES			
WIND PRESSURES PER ASCE7-10, 160 MPH, EXPOSURE C, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR. (Vg=124 MPH, RISK CAT II, ENCLOSED, kd=0.85, I=15)			
TYPE	INTERIOR ZONE 4	END ZONE 5	
SOFFIT	+33.5 -36.3	+33.5 -44.8	
TYPICAL WINDOWS & DOORS	+33.5 -36.3	+33.5 -44.8	
8' OR 9' GARAGE DOORS	+29.4 -33.3		
16' OR 18' GARAGE DOORS	+28.2 -31.5		

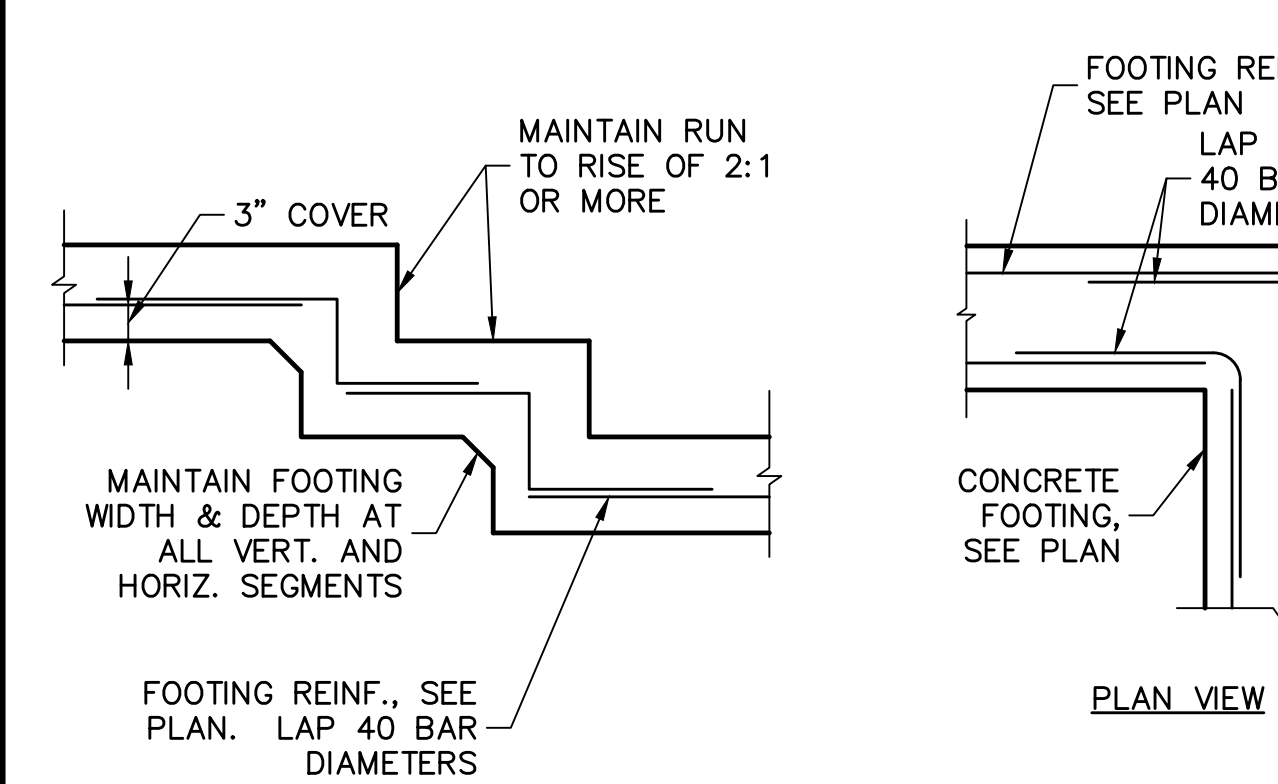
- TABLE MAY BE USED FOR ANY SIZE WINDOW OR DOOR IN EACH TYPE.
- USE "INTERIOR ZONE 4" PRESSURES UNLESS WINDOW OR DOOR IS LOCATED WITHIN THE "END ZONE 5" (SEE DIAGRAM BELOW), THEN USE THE HIGHER PRESSURES UNDER THE "END ZONE 5" COLUMN.
- ALL GLASS / GLAZING SHALL BE IMPACT RATED OR USE IMPACT RATED SHUTTERS.
- SUBMIT PRODUCT APPROVALS TO THE BUILDING DEPARTMENT AS REQUIRED BY THE LOCAL JURISDICTION.
- MANUFACTURED SOFFIT PRODUCTS SHALL BE INSTALLED PER MFR ENGINEERING SPEC SHEETS.



- NOTES:  
1) PROVIDE SAWCUTS TO CREATE APPROXIMATE 20' X 20' MAXIMUM SQUARES.  
2) SAWCUT CONCRETE SLAB WITHIN 4 TO 12 HOURS OF CONCRETE PLACEMENT.

**5 SLAB SAWCUT DETAIL**

SCALE: NTS



**6 STEP FOOTING**

SCALE: NTS

DESIGN CRITERIA:  
DESIGN IN ACCORDANCE WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE 6TH EDITION (2017) RESIDENTIAL

- 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-COINCIDENT W/ TLL)  
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
- WIND LOADS:  
WIND DESIGN PER ASCE7-10  
BASIC WIND SPEED (ASCE7-10) 160 MPH  
NOMINAL WIND SPEED (Vg=124 MPH) 124 MPH  
BUILDING CATEGORY II  
IMPORTANCE FACTOR I = 1.00  
EXPOSURE C  
MEAN ROOF HEIGHT = 15 FT  
ROOF PITCH 5/12  
ENCLOSURE CLASS I  
INTERNAL PRES. COEFF. +/- 0.18  
WINDOW/DOOR DESIGN WIND PRESSURE, SEE TABLE IN DETAIL 3.  
SOFFITS - PER R703.1.2.1, ALL SOFFITS SHALL BE CAPABLE OF RESISTING THE DESIGN PRESSURES SPECIFIED IN TABLE R301.2(2) FOR WALLS.

- REINFORCED CONCRETE:  
DESIGN PER ACI 318-14  
REQUIRED COMPRESSIVE STRENGTH AT 28 DAYS:  
SLAB ON GRADE f'c = 2500 PSI  
3/4" MINIMUM THICKNESS REINFORCED WITH 6x6 w/1.4xw1.4 WWF OR FIBERMESH.  
CONVENTIONAL SHALLOW FOOTINGS f'c = 2500 PSI  
BEAMS AND COLUMNS f'c = 3000 PSI  
ALL OTHER CONCRETE (U.M.O.) f'c = 3000 PSI  
UNLESS OTHERWISE SHOWN ON DRAWINGS, MINIMUM CONCRETE COVER FOR REINFORCING SHALL BE AS FOLLOWS:  
FOOTINGS SLAB ON GRADE 3 CENTERED 1/2"  
BEAMS 1 1/2"  
COLUMNS 1 1/2"  
ALL REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH THE TYPICAL BENDING DIAGRAMS AND PLACING DETAILS OF ACI STANDARDS AND SPECIFICATIONS. ALL REINFORCING STEEL SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES DURING PLACING OF CONCRETE.  
REINFORCING STEEL - ASTM A615 GRADE 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.

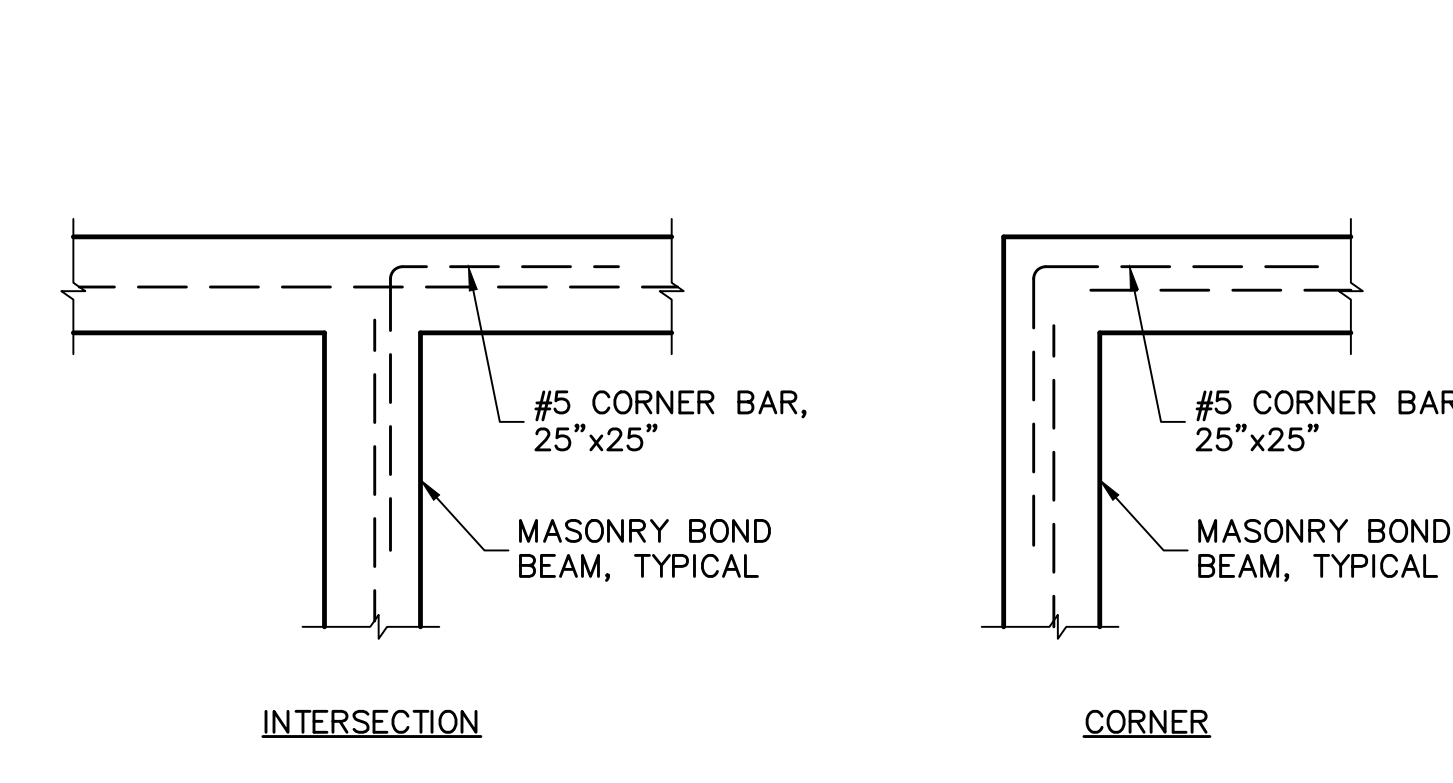
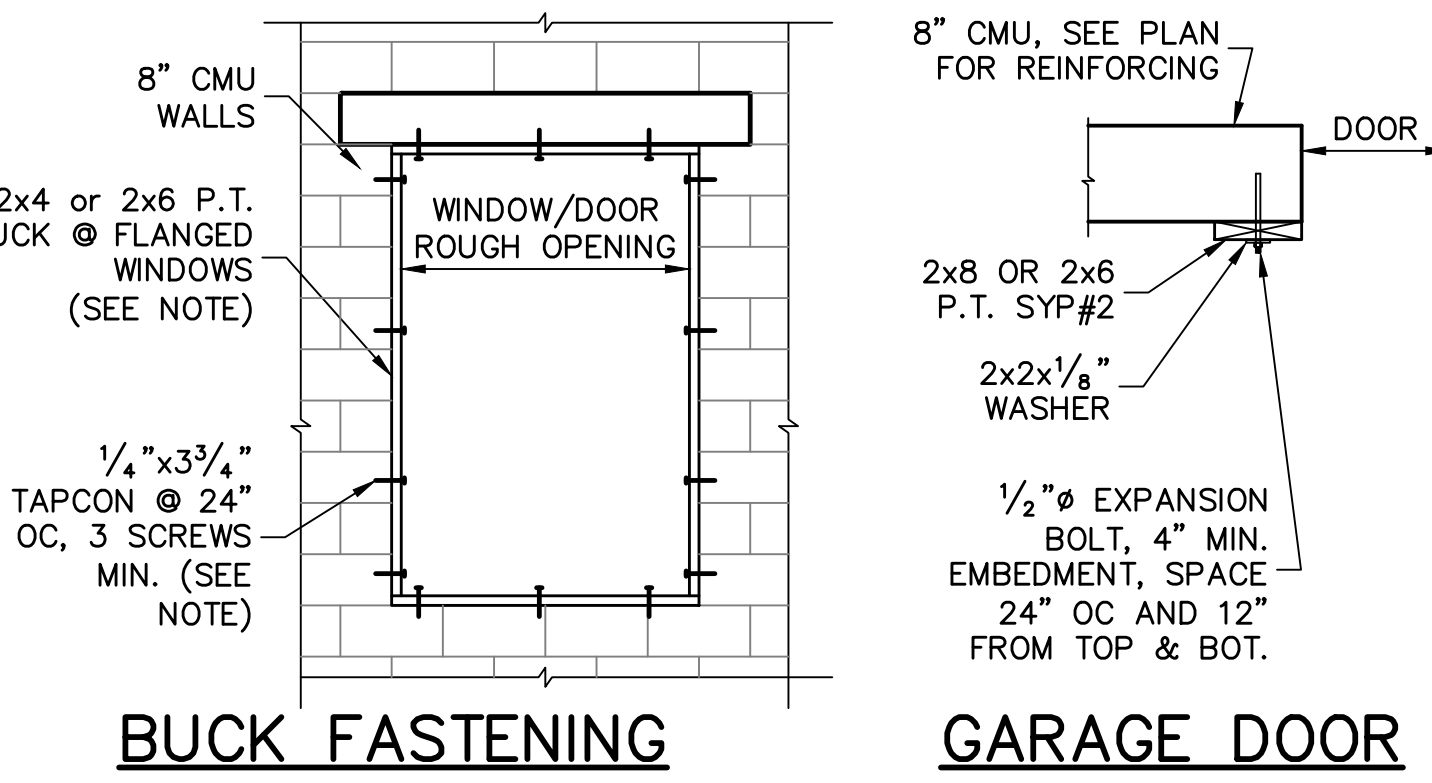
- REINFORCED MASONRY:  
DESIGN PER ACI 530-13  
REQUIRED COMPRESSIVE STRENGTHS:  
MASONRY WALLS f'm = 1500 PSI  
REINFORCING STEEL - ASTM A615 GRADE 60.  
SPICES IN REINFORCING, SHALL BE 48 BAR DIAMETERS.  
ALL CONCRETE MASONRY UNITS SHALL BE COMPOSED OF ASTM C90, GRADE N-1 HOLLOW CONCRETE MASONRY UNITS 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.

- 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.

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

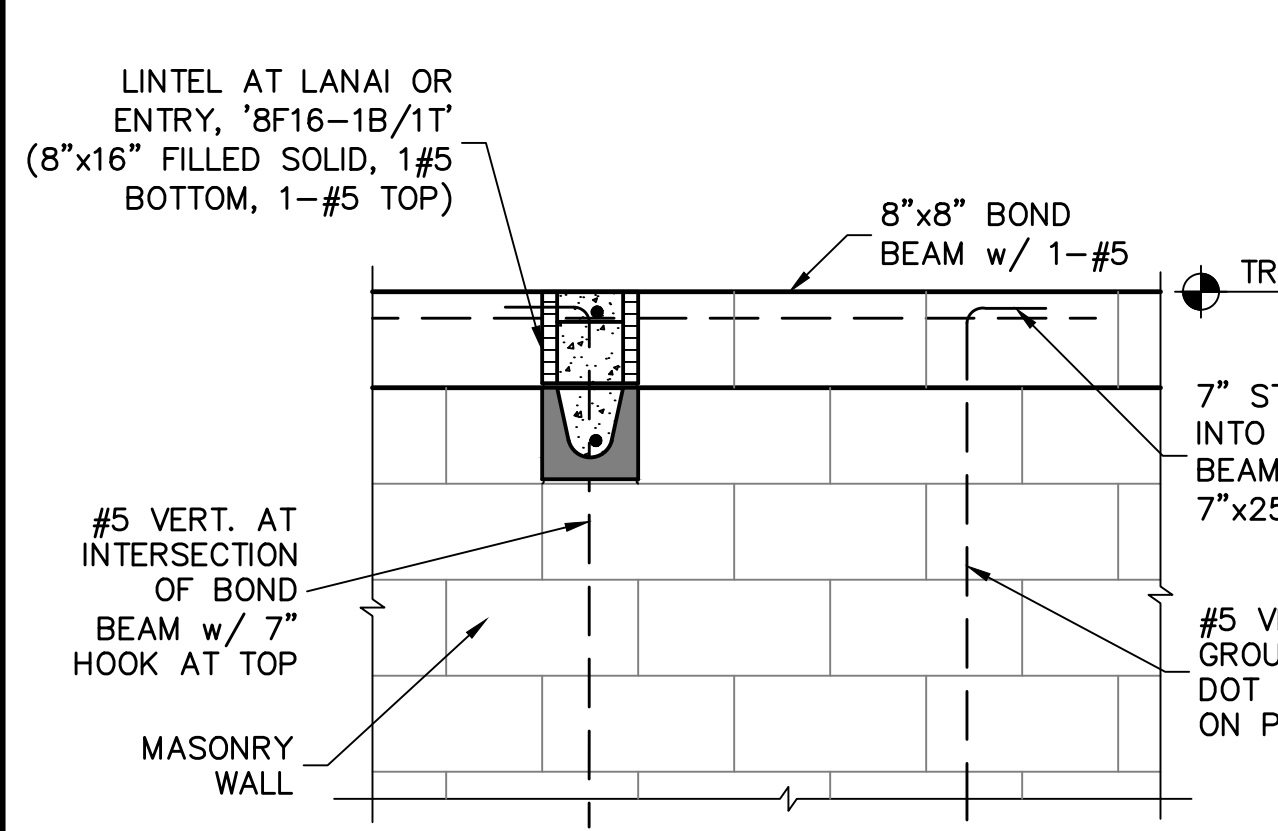
- DIMENSIONS: VERIFY ALL DIMENSIONS WITH HOUSE PLANS. SEE HOUSE PLANS, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR EMBEDS, OPENINGS, SLEEVES, ETC. WHICH ARE NOT SHOWN ON STRUCTURAL DRAWINGS.

- 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.
- 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.



**8 CORNER BAR DETAIL IN BOND BEAMS**

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

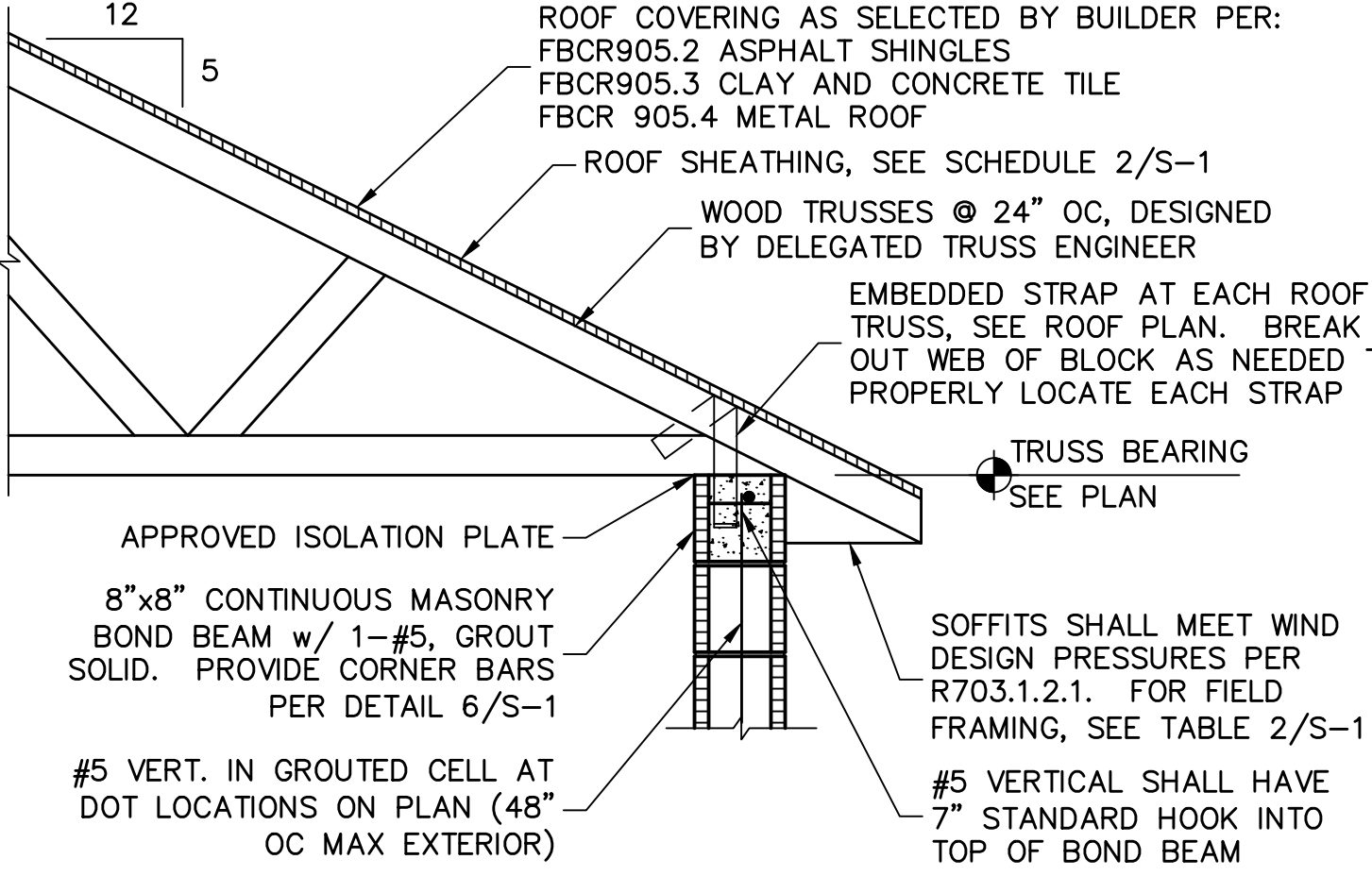


**9 BOND BEAM REINFORCING DETAIL**

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

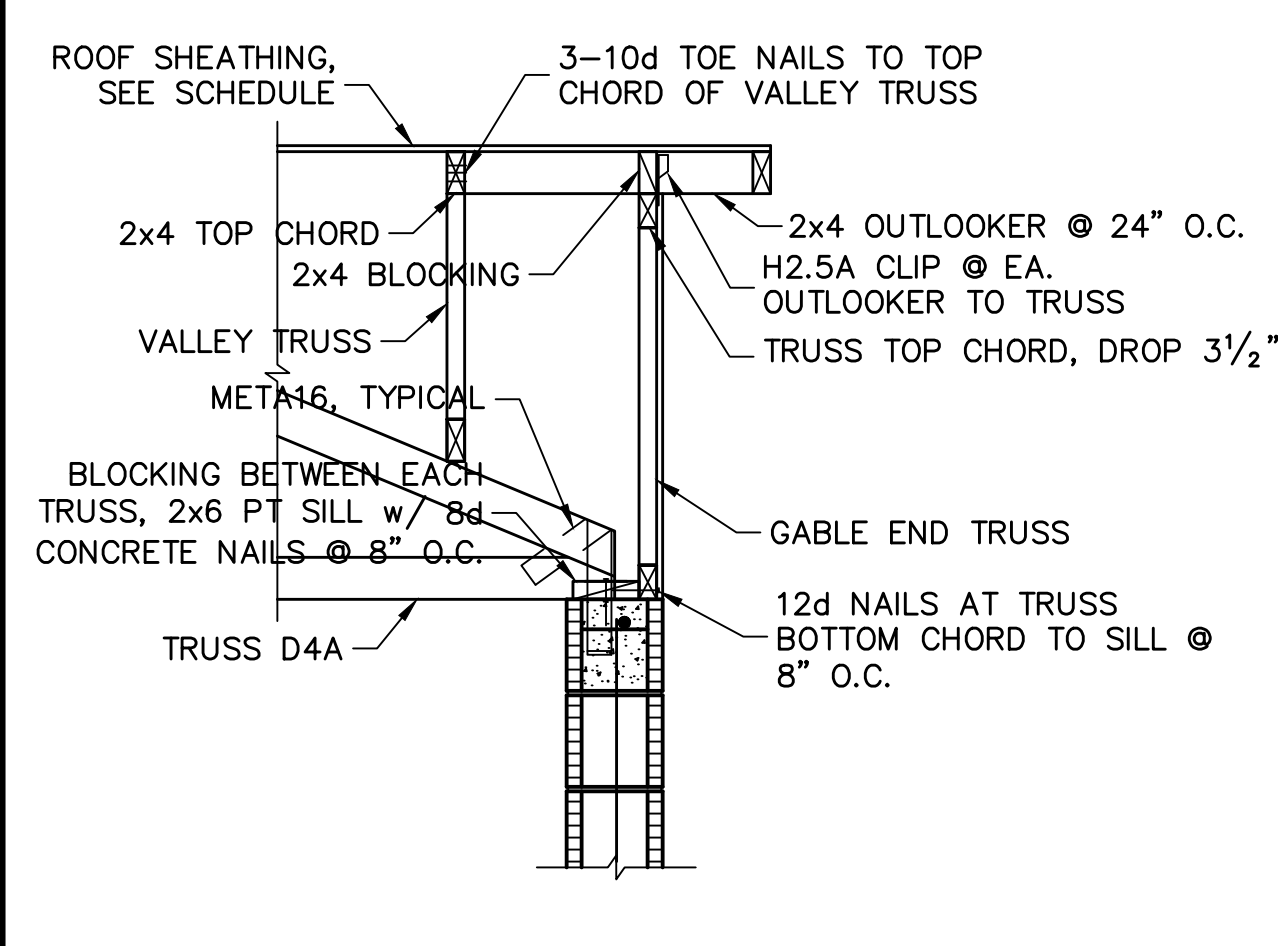
RETROFIT STRAPS TO CONCRETE/MASONRY		
TRUSS UPLIFT (LBS) @ 24" OC	CONNECTOR	
TO 840	1-MTSM16 or 20	7-10dx1 1/2", 4-1/4x2 1/4" TITEN
TO 1045	1-HTSM16 or 20	8-10dx1 1/2", 4-1/4x2 1/4" TITEN
TO 2090	2-HTSM16 or 20	8-10dx1 1/2", 4-1/4x2 1/4" TITEN
TO 4300	2-LGT2	16-16d, 7-1/4x2 1/4" TITEN
TO 3480	HTT16	18-16d, 3/8" 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.



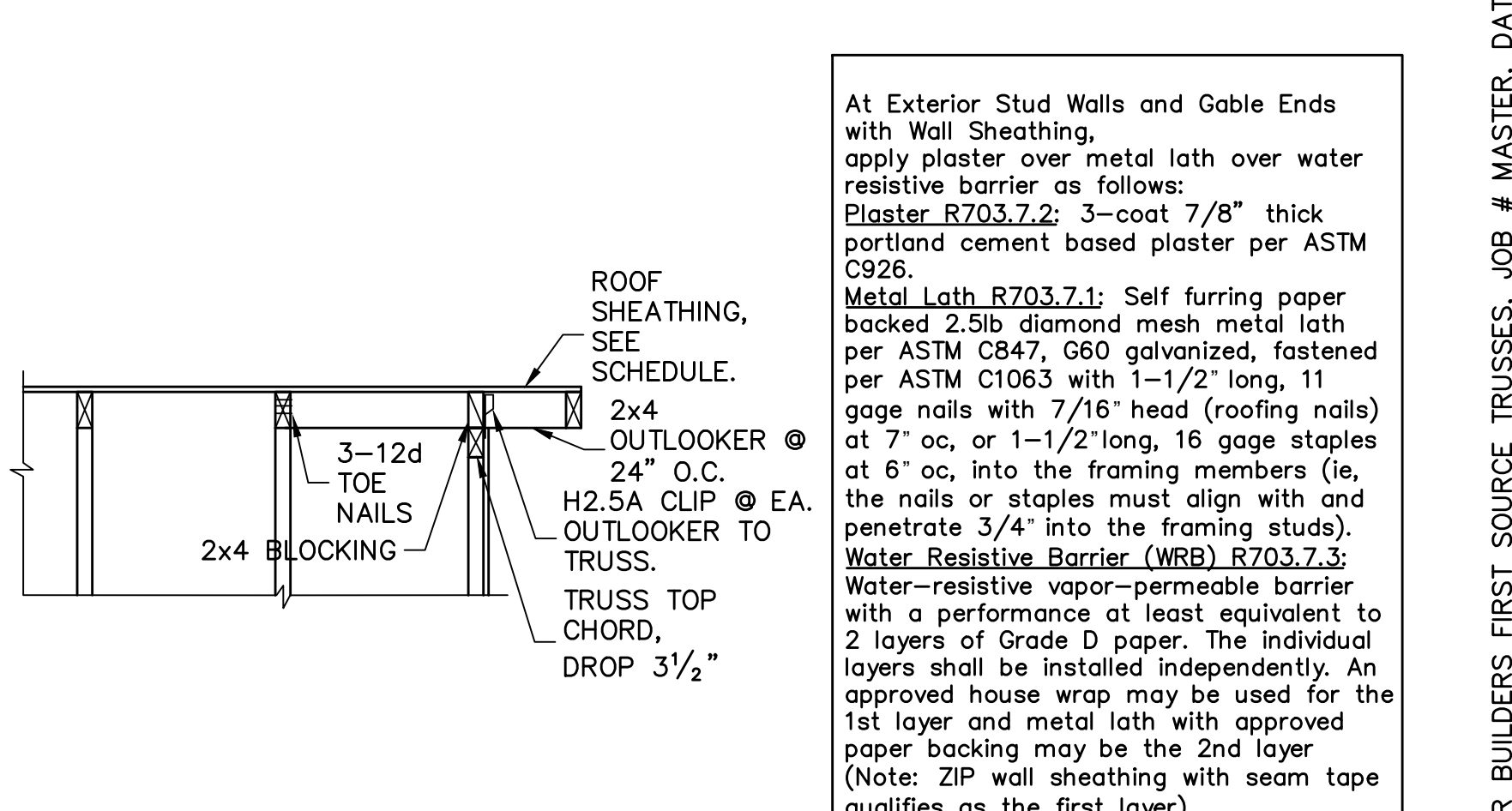
**11 TRUSS STRAP TO BOND BEAM**

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



**12 OUTLOOKER DETAIL**

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



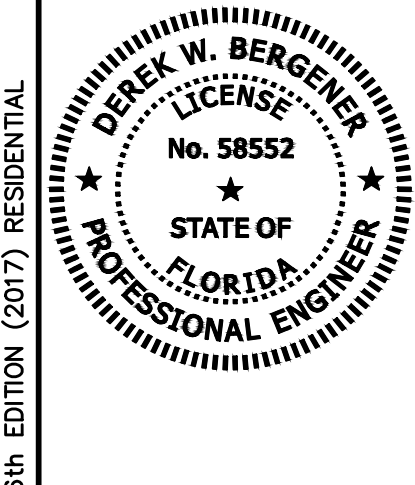
**13 OUTLOOKER DETAIL**

SCALE: N.T.S.

At Exterior Stud Walls and Gable Ends with Wall Sheathing, apply plaster over metal lath over water resistive barrier as follows:  
Plaster R703.7.2: 3-coat 7/8" thick portland cement based plaster per ASTM C926.  
Metal Lath R703.7.1: Self furring paper backed 2.5lb diamond mesh metal lath per ASTM C847, G60 galvanized, fastened per ASTM C1063 with 1-1/2" long, 11 gage nails with 7/16" head (roofing nails) at 7" oc, or 1-1/2" long, 16 gage staples at 6" oc, into the framing members (ie, the nails or staples must align with and penetrate 3/4" into the framing studs).  
Water Resistive Barrier (WRB) R703.7.3: Water-resistive vapor-permeable barrier with a performance at least equivalent to 2 layers of Grade D paper. The individual layers shall be installed independently. An approved house wrap may be used for the 1st layer and metal lath with approved paper backing may be the 2nd layer (Note: ZIP wall sheathing with seam tape qualifies as the first layer).

REVISIONS	BY

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



DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 6TH EDITION (2017) RESIDENTIAL  
BUILDER:  
**D-R HOHON**  
America's Builder

STRUCTURAL DETAILS FOR  
**1526 SIGNATURE VILLA**  
20573, 20579 SAINT KITTS WAY  
VENICE, FLORIDA  
LOTS: 207, 208 SUBDIVISION: WEST VILLAGES

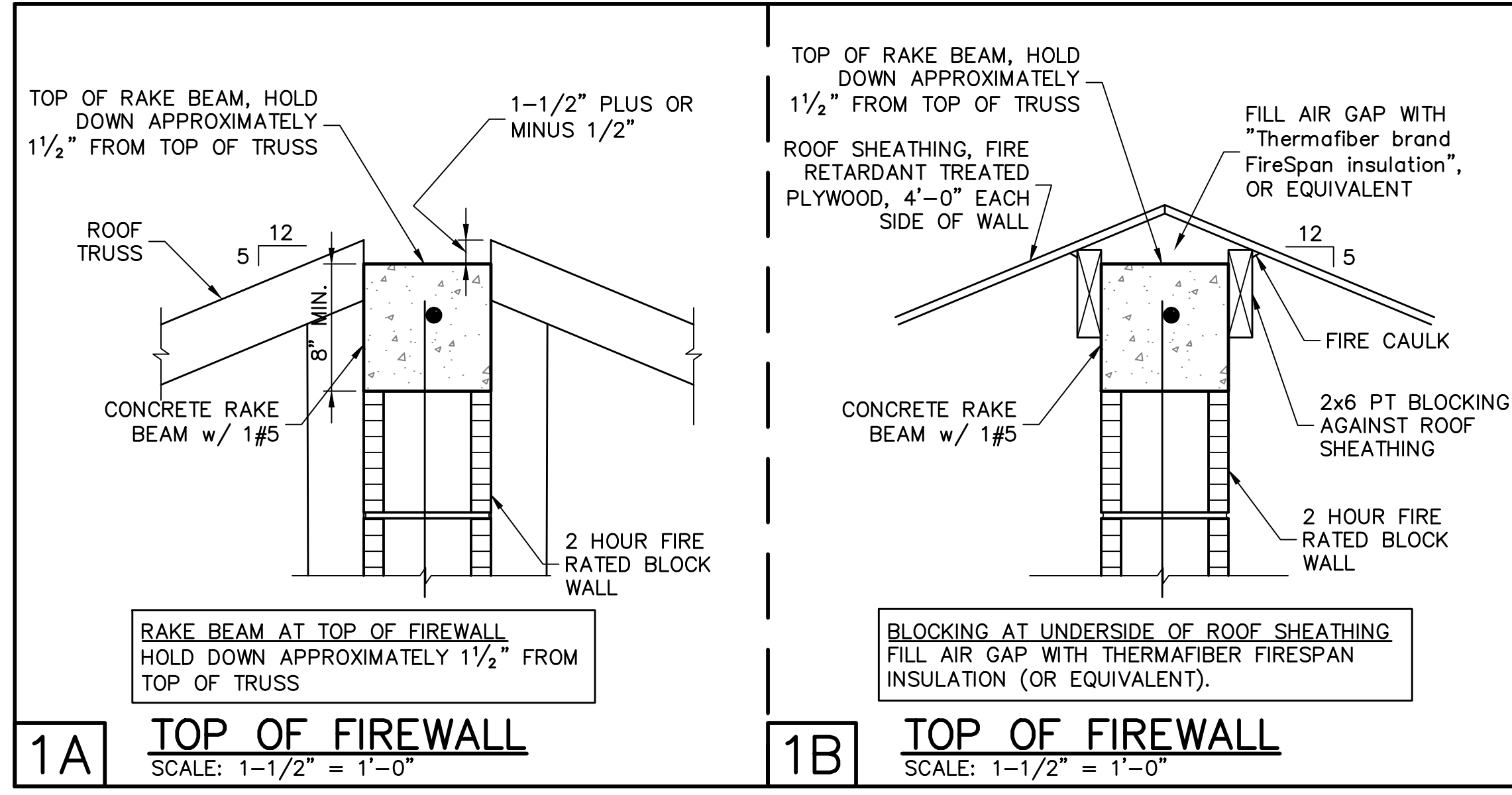
DESIGN/DRAWN  
DWB/DWB  
CHECKED  
DWB  
DATE  
02/13/20  
SCALE  
AS NOTED  
JOB NO.  
DR11462  
SHEET

S-1  
SHEET 1 OF 3

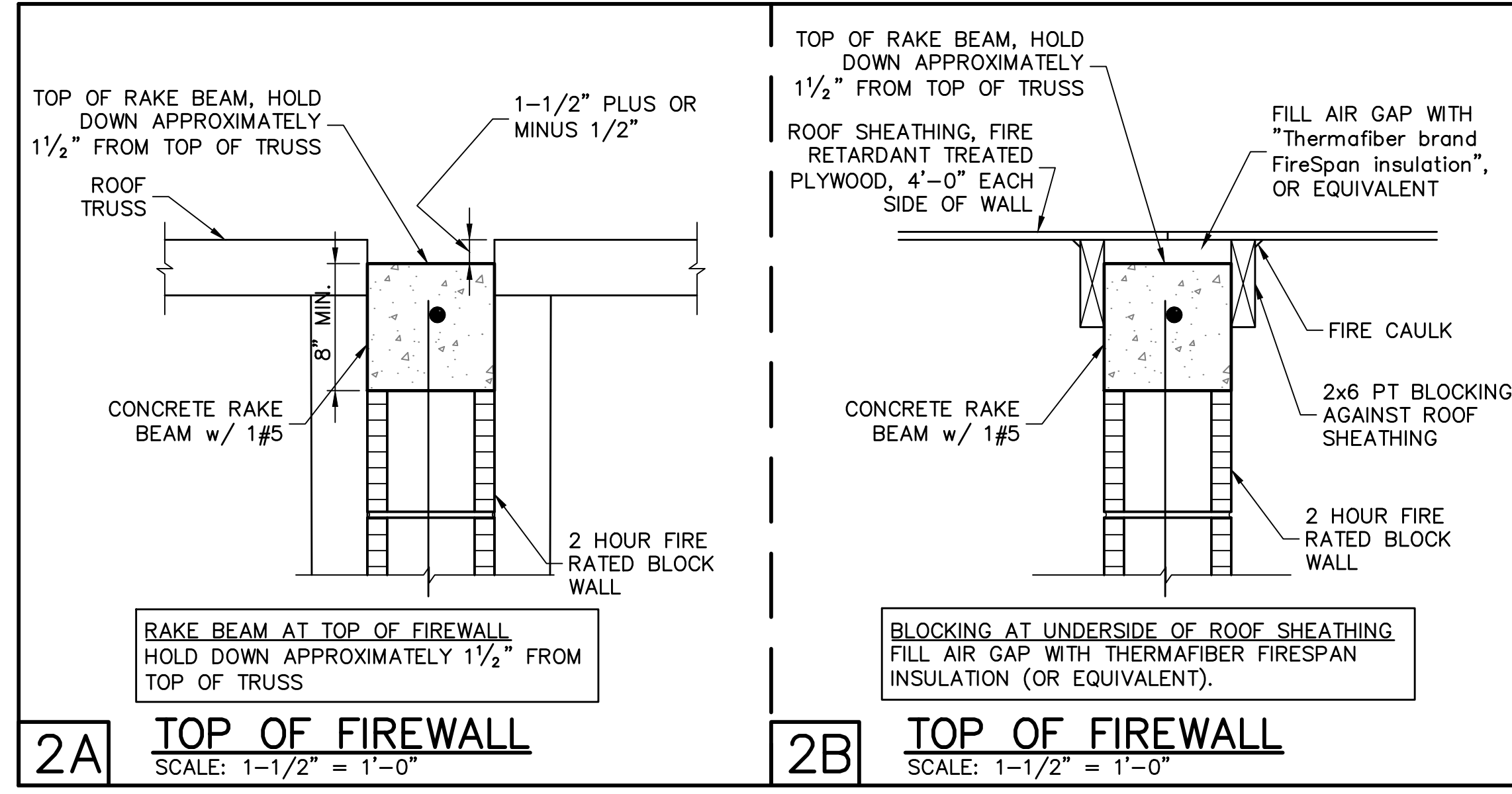
FOR BUILDERS FIRST SOURCE TRUSSES, JOB # MASTER, DATED 01/04/19, REVISED: 02/22/19



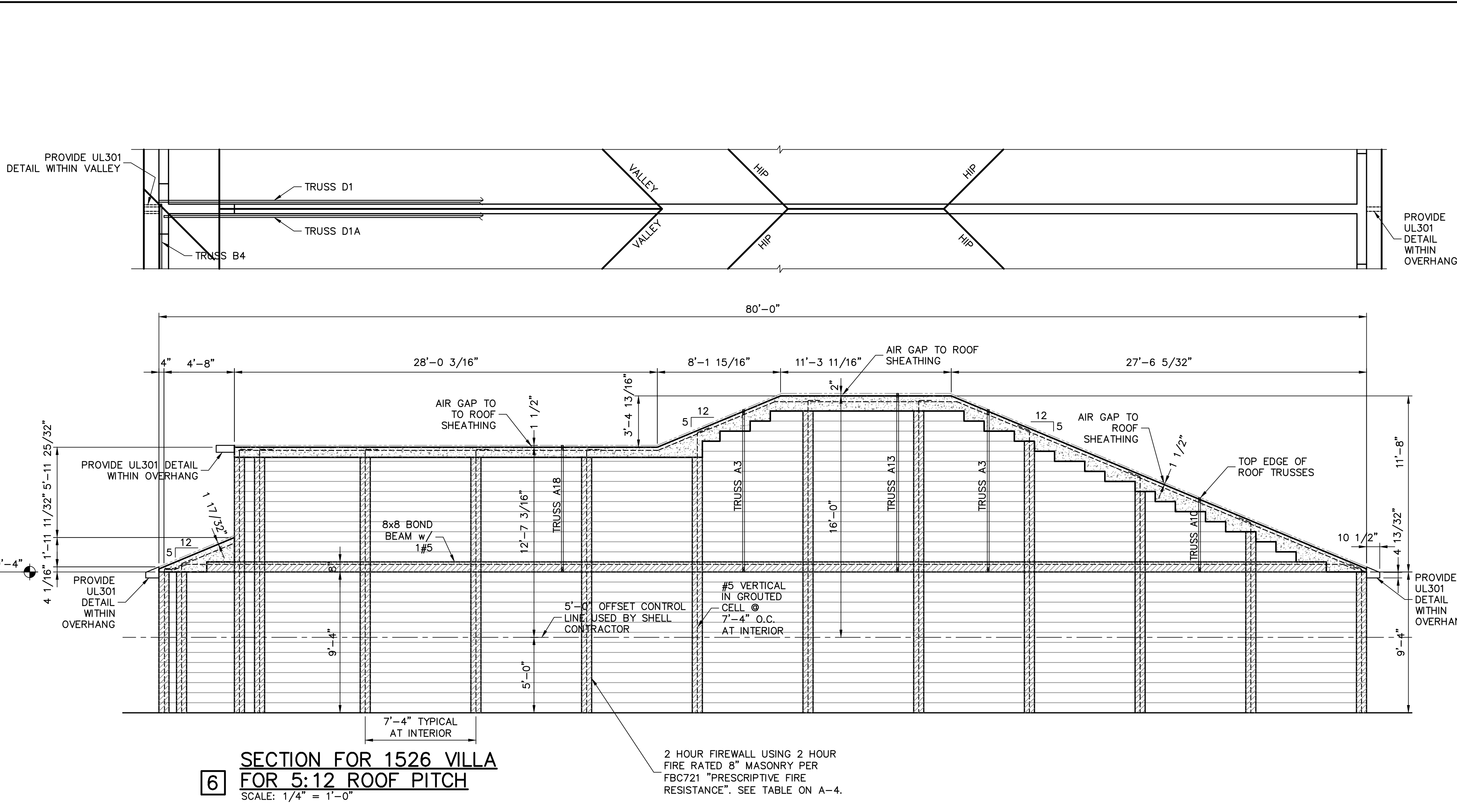
REVISIONS	BY



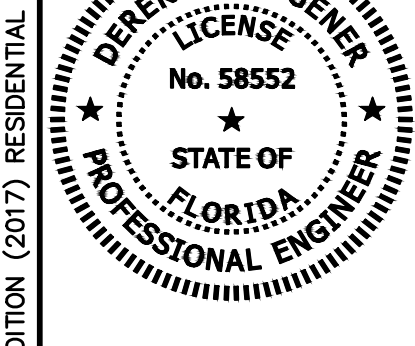
**SLOPED TRUSSES**



**FLAT TRUSSES**



FOR BUILDERS FIRST SOURCE TRUSSES, JOB # MASTER, DATED 01/04/19, REVISED: 02/22/19



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

BUILDER:

**D.R. HOHON** *PH*  
*America's Builder*

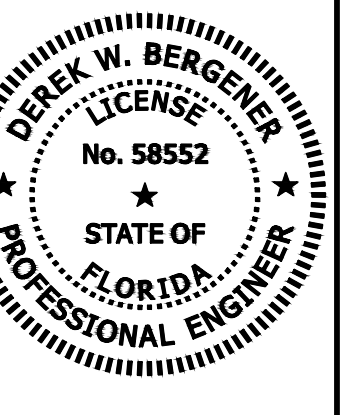
**STRUCTURAL DETAILS FOR 1526 SIGNATURE VILLA**  
20573, 20579 SAINT KITTS WAY  
VENICE, FLORIDA  
LOTS: 207, 208 SUBDIVISION: WEST VILLAGES

DESIGN/DRAWN	DWB/DWB
CHECKED	DWB
DATE	02/13/20
SCALE	AS NOTED
JOB NO.	DR11462
SHEET	



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 6th EDITION (2017) RESIDENTIAL  
 BUILDER:  
**D-R HOHION**  
*America's Builder*

**STRUCTURAL DETAILS FOR  
 1526 SIGNATURE VILLA**  
 20573, 20579, SAINT KITTS WAY  
 VENICE, FLORIDA  
 LOTS: 207, 208 SUBDIVISION: WEST VILLAGES

DESIGN/DRAWN  
 DWB/DWB  
 CHECKED  
 DWB  
 DATE  
 02/13/20  
 SCALE  
 AS NOTED  
 JOB NO.  
 DR11462  
 SHEET

**S-3**  
 SHEET 3 OF 3

FOR BUILDERS FIRST SOURCE TRUSSES, JOB # MASTER, DATED 01/04/19, REVISED: 02/22/19

