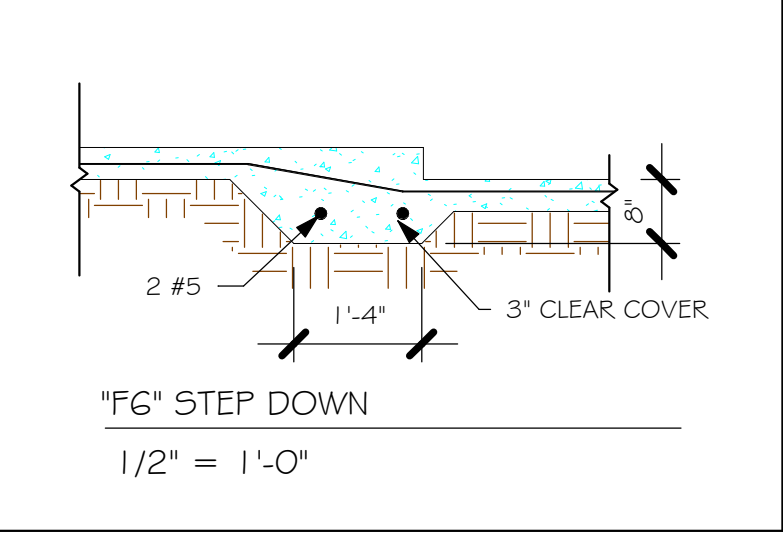
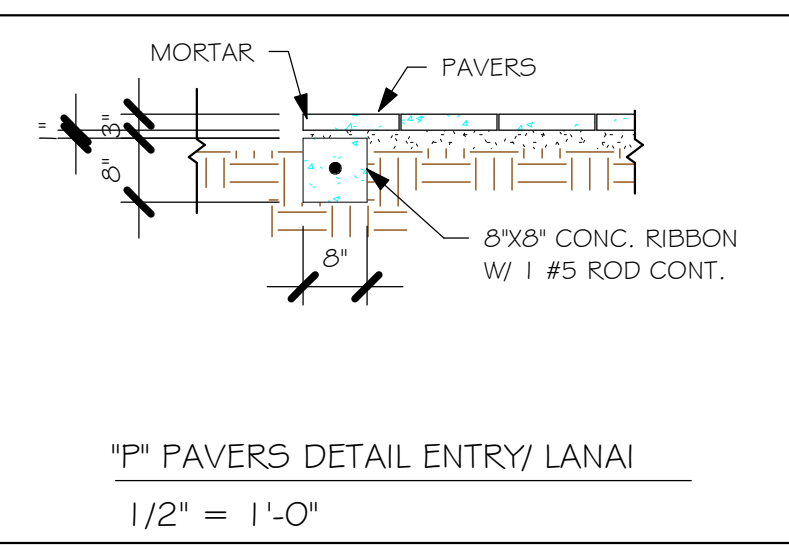
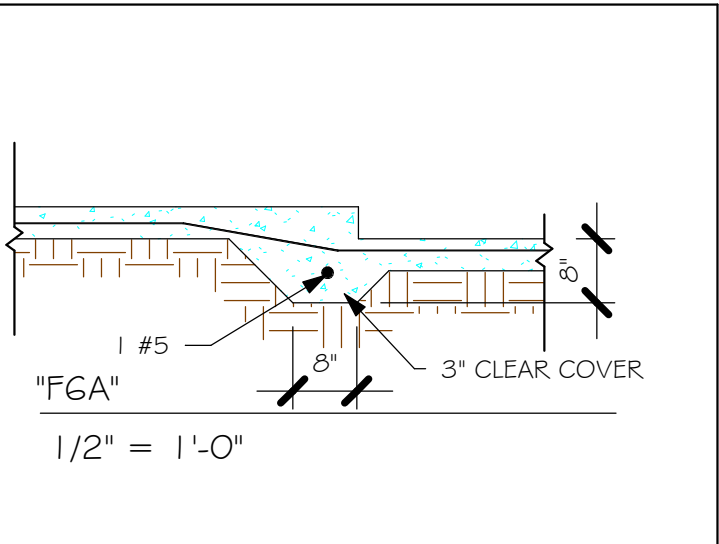
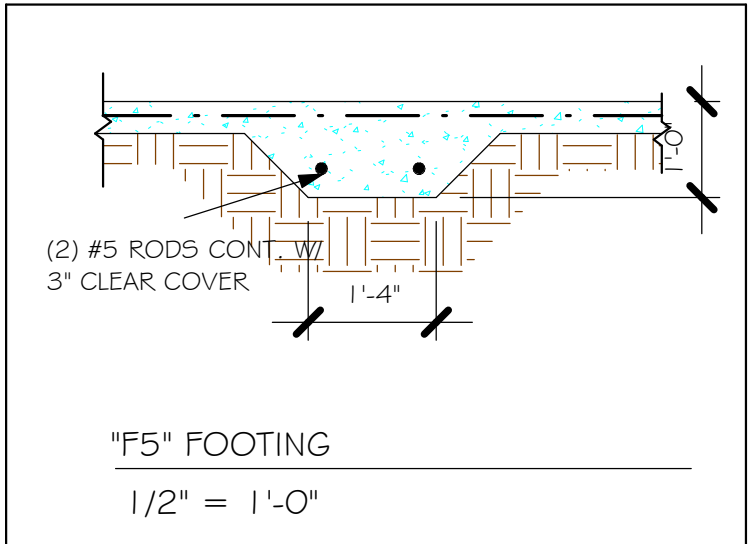
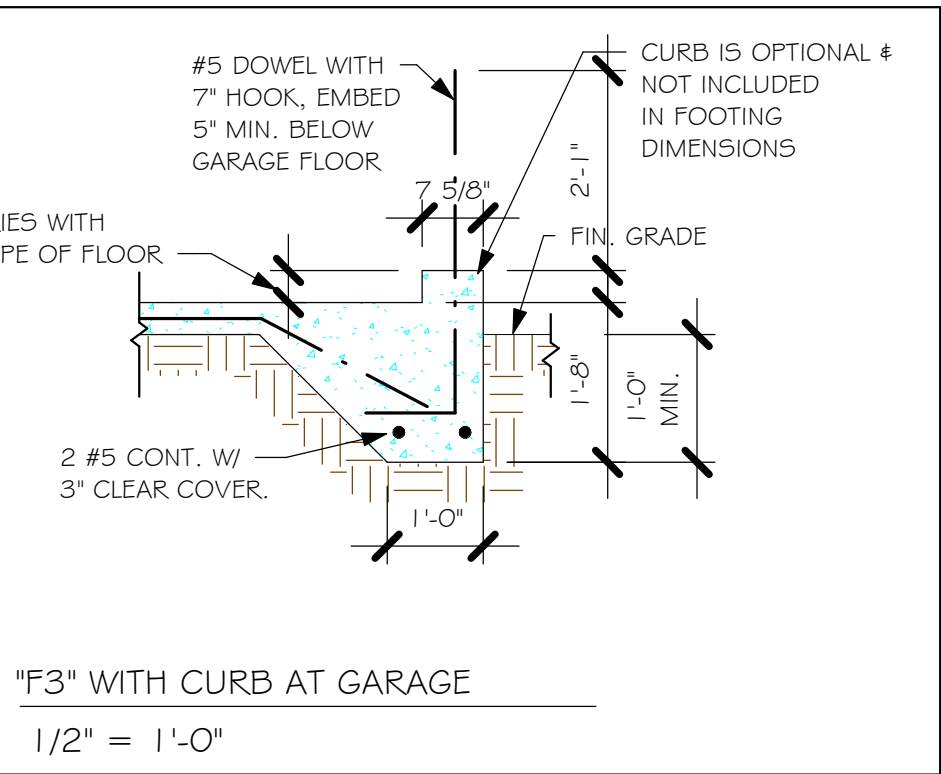
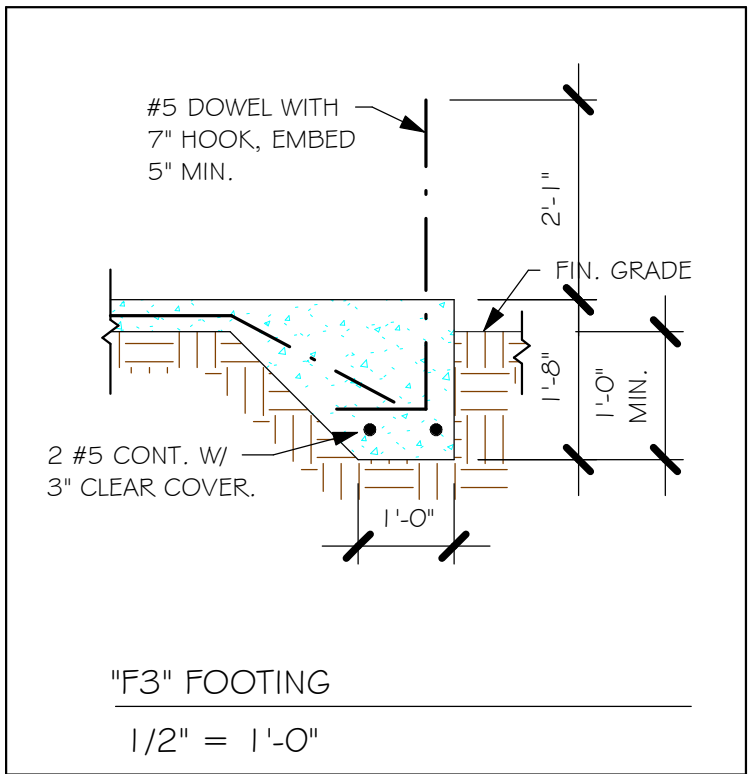




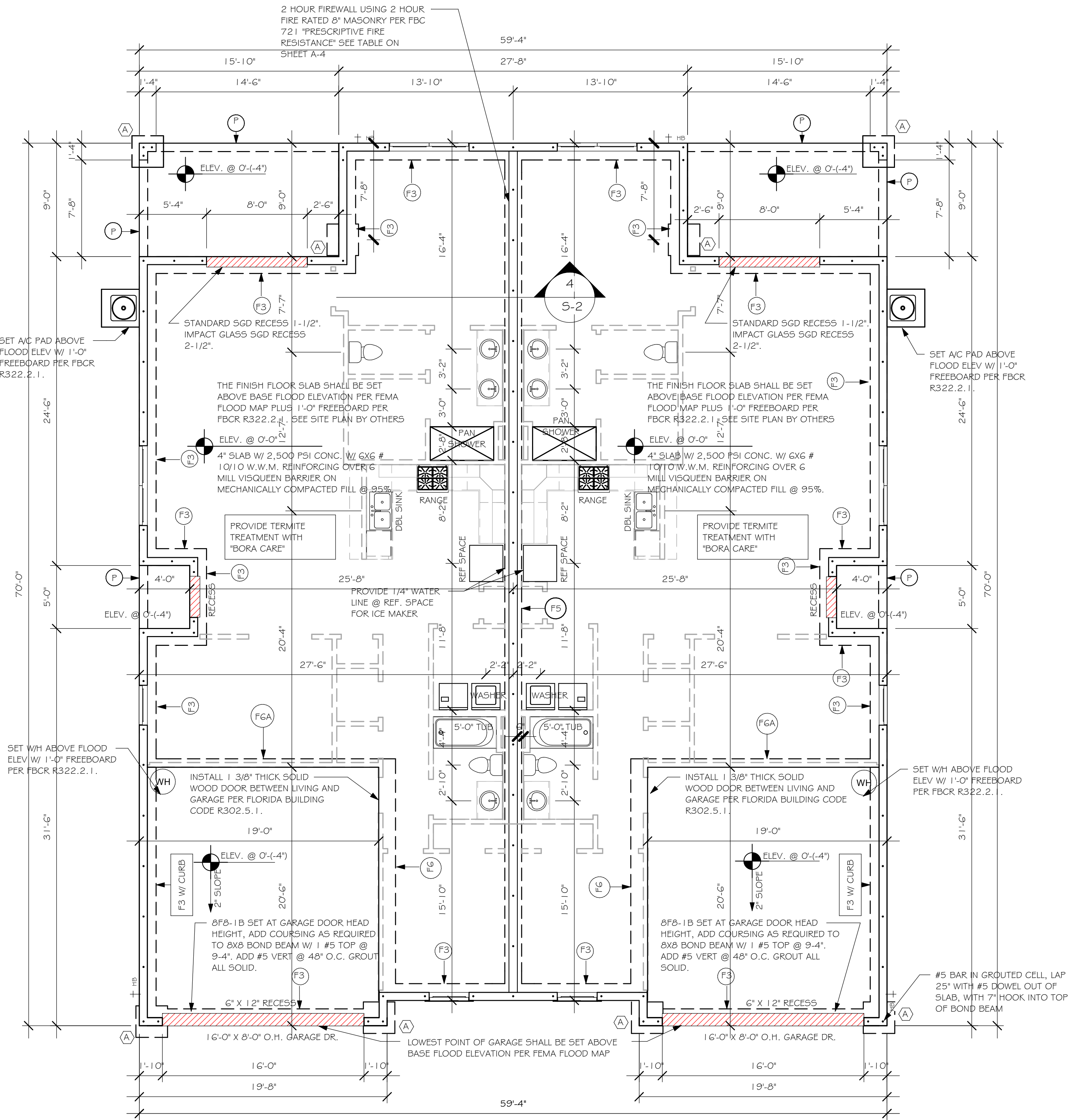
PAD FOOTING SCHEDULE							
TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINF.		REMARKS	
				LONG WAY	SHORT WAY		
(A)	2'-6"	2'-6"	1'-0"	3-#5	3-#5	-	
(B)	3'-0"	3'-0"	1'-0"	4-#5	4-#5	-	
(C)	3'-6"	3'-6"	1'-0"	4-#5	4-#5	-	
(D)	4'-0"	4'-0"	1'-2"	5-#5	5-#5	-	
(E)	5'-0"	5'-0"	1'-2"	6-#5	6-#5	-	

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.	0'-8"	0'-8"	1-#5		
T	CONT.	0'-8"	0'-8"	1-#5		

ADD CURB TO GARAGE, SEE DETAIL.

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.



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

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

[illegible]

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.

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

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

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.

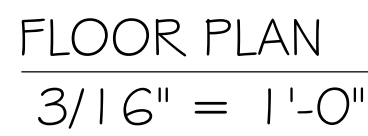
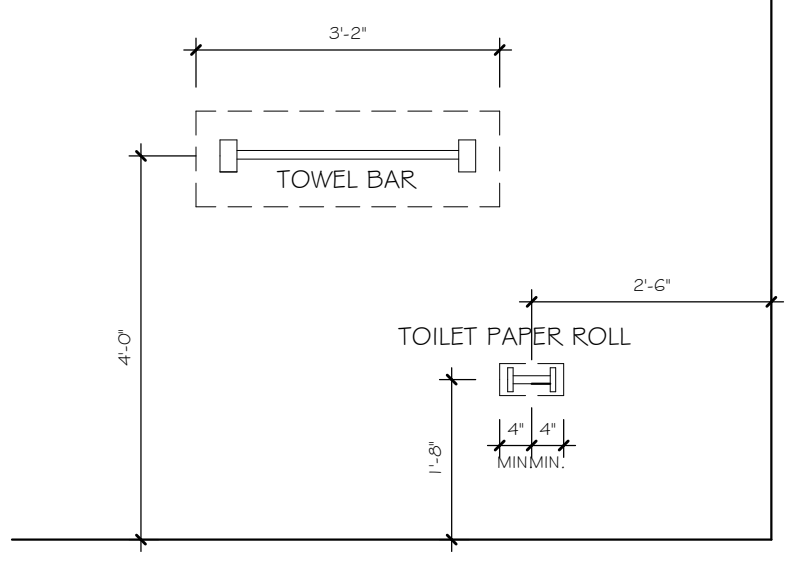
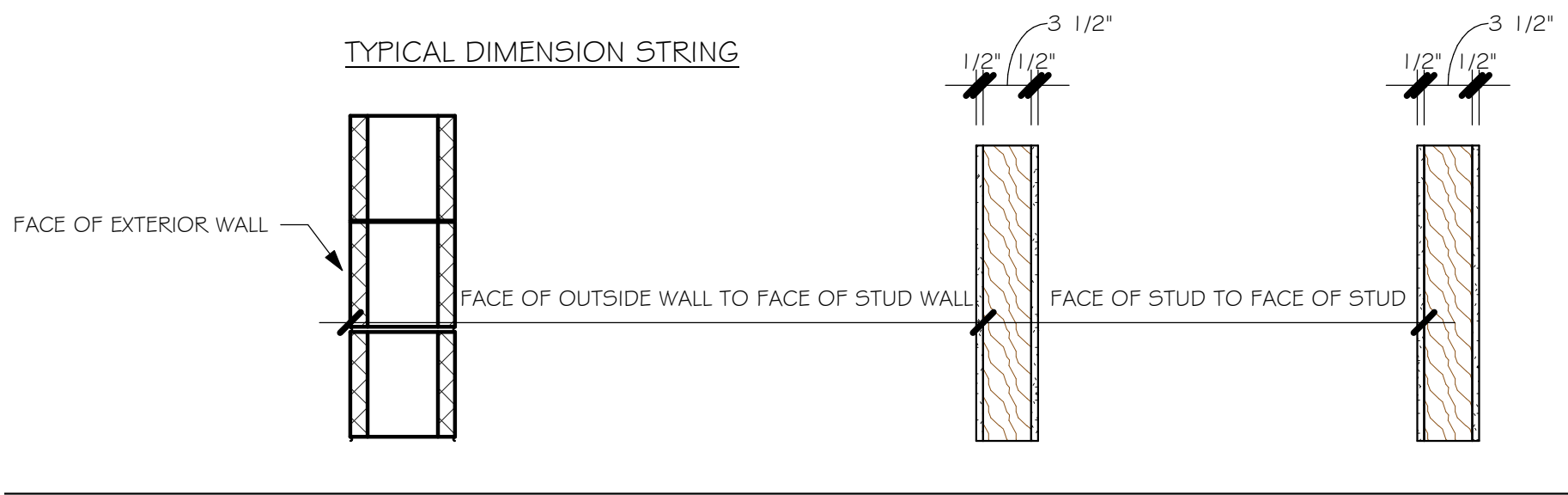
- 1) VERIFY ALL ROUGH OPENING DIMENSIONS FOR ALL WINDOWS AND DOORS
- 2) PROVIDE SAFETY GLAZING WITHIN 24" FROM EXIT PER FLORIDA BUILDING CODE R 308.4.2.
- 3) PROVIDE SAFETY GLAZING AT BATH SHOWER PER FLORIDA BUILDING CODE R 308.4.5.
- 4) NON BEARING INTERIOR FRAME WALLS SHALL BE FRAMED W WOOD OR METAL STUDS. SPACING SHALL NOT EXCEED 24" O.C. (NON BEARING WALLS ONLY)
- 5) PROVIDE DEAD WOOD IN ATTIC FOR OVERHEAD GARAGE DOOR HARDWARE
- 6) KITCHEN KNEE WALL TO BE FRAMED W TOP @ 3/4 1/2" A.F.F.
- 7) INSTALL SMOOTH WALLS IN KITCHEN AND ALL BATHROOM AREAS
- 8) WHERE DRYWALL CEILING IS APPLIED TO TRUSSES @ 24" O.C. USE 5/8" DRYWALL OR 1/2" SAG RESISTANT PER SEC. 702.3.5
- 9) THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE 4' 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
- 10) INSTALL 1 3/8" THICK SOLID WOOD DOOR BETWEEN LIVING AND GARAGE PER FLORIDA BUILDING CODE R302.1.5.
- 11) ALL WINDOWS INSTALLED 72" ABOVE GRADE MUST COMPLY WITH R612.2 MIN 24" SILL HEIGHT OR PROVIDED WITH AN APPROVED WINDOW FALL PREVENTION DEVICE

SQUARE FOOTAGE UNIT #1	
LIVING AREA	1,503
GARAGE AREA	391
LANAI AREA	143
FRONT PORCH/ ENTRY AREA	20
TOTAL SQUARE FOOTAGE	2,057

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

LIVING AREA	1,503
GARAGE AREA	391
LANAI AREA	143
FRONT PORCH/ ENTRY AREA	20
TOTAL SQUARE FOOTAGE	2,057

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



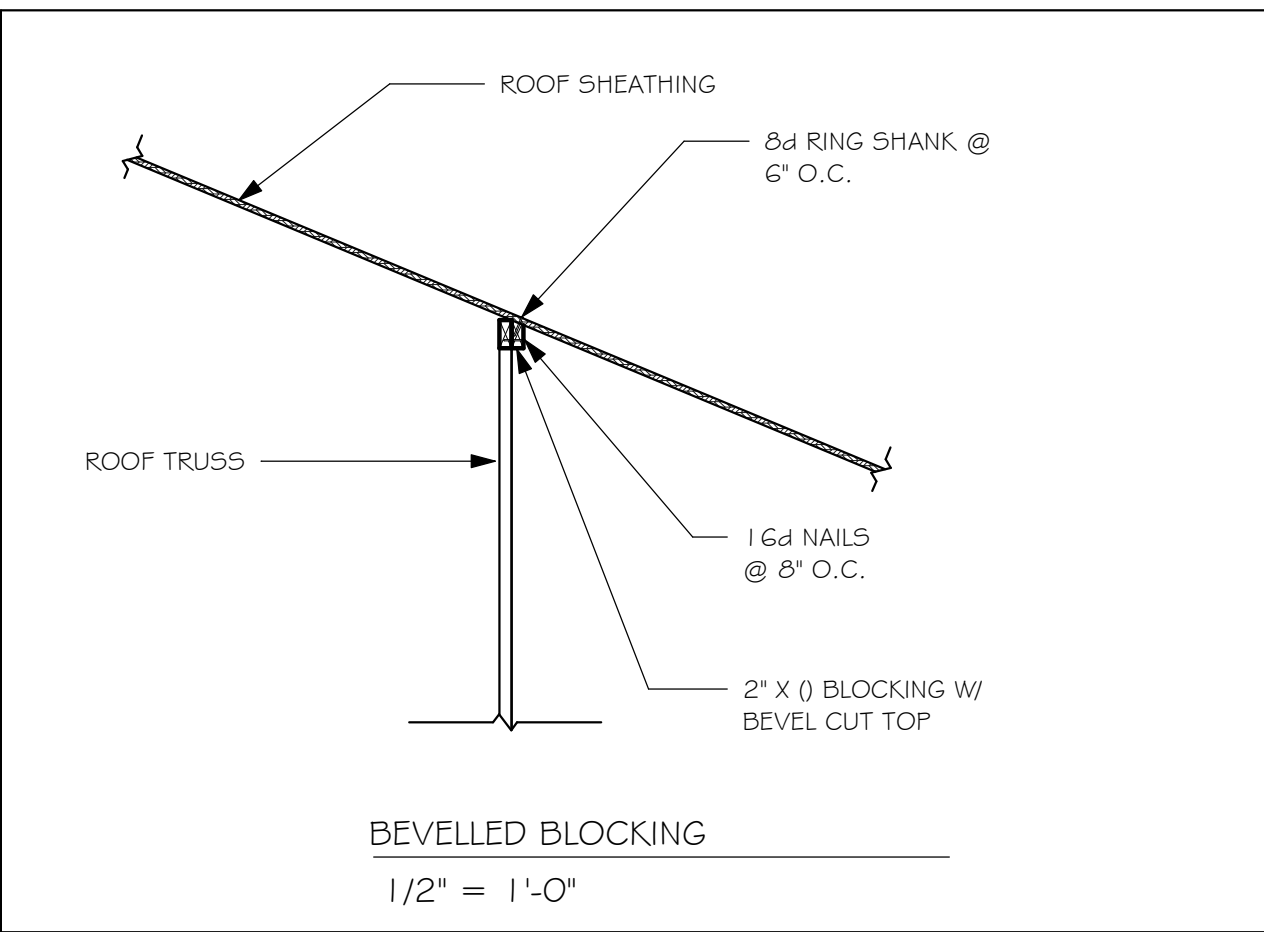
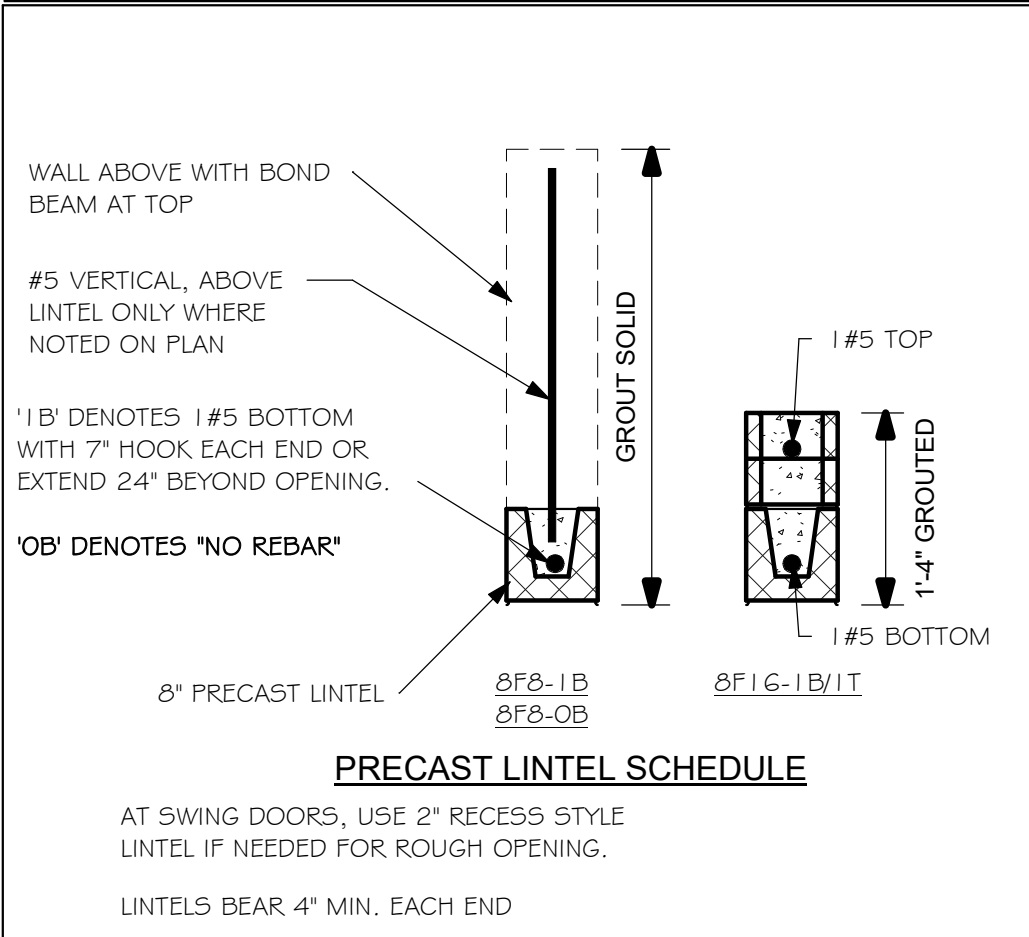
DESIGN IN ACCORDANCE WITH THE RESIDENTIAL
FLORIDA BUILDING CODE 2017 - 6TH EDITION

K:\1-MASTER 2019\2019-BUILDERS\DR HORTON 2019\SUBDIVISIONS\WATERFORD II
TVS\1055 LOT 374-375 1498 EIREVIN\1055 1498 E.rvt

[illegible]

- NOTES:

1. PROVIDE A STRAP FROM THE ABOVE LIFT 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 $\geq 2\phi$ WALL.
2. CONNECTORS ARE USP STRUCTURAL CONNECTORS. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH USP PRINTED INSTRUCTIONS. SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE ENGINEER OF RECORD.
3. IF EMBEDDED STRAPS ARE MISSING, OR MIS-LOCATED, INSTALL RETROFIT STRAP PER 1.0QS-1.
4. 'ATF' = ALTHREAD, DRILL AND EPOXY WITH USP EPOXY PER MFR. INSTRUCTIONS.



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. PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS SHEET.
4. FOR NAILING OF ROOF DECK, SEE 1 AND 2 ON S-1.
5. 8"x8" DB ENT., DENOTES PRECAST LUNTEL ABOVE DOOR/WINDOW OPENING PER SCHEDULE THIS SHEET.
6. AT TRUSS BEARING, PROVIDE 6"x6" MASONRY BOND BEAM W/ #5 CONTINUOUS, SEE DETAIL 11/5-1.

2 HOUR FIREWALL USING 8" MASONRY PER FBC 72.1 "PRESCRIPTIVE FIRE RESISTANCE"				
F.B.C. TABLE 722.3.2				
MINIMUM EQUIVALENT THICKNESS ¹ (IN) BEARING OR NON-BEARING CONCRETE MASONRY WALLS				
TYPE OF AGGREGATE	FIRE - RESISTANCE RATING (HOURS)			
		2	HR	
1. PUMICE OR EXPANDED SLAG		3.2"		
2. EXPANDED SHALE, CLAY OR SLATE		3.6"		
3. LIMESTONE, CINDERS, OR UNEXPANDED SLAG		4.0"		
4. CALCAREOUS OR SILICEOUS GRAVEL		4.2"		

INSTALL AT ALL TRUSSES TO 1005 LB UPLIFT. FOR HIGHER UPLIFTS, SEE NOTES ON PLAN.	TRUSS STRAPPING TO STUD WALL/ WOOD BEAM		
	MAX TRUSS UPLIFT @ 24" OC (LB5)	CONNECTOR	FASTENER
	1005	(1)MTW1G	12-10dX1-1/2"
	2010	(2) MTW1G	12-10dX1-1/2"
	3015	(3) MTW1G	12-10dX1-1/2"
	1285	(1) HTW20	24-10dX1-1/2"
	2570	(2) HTW20	24-10dX1-1/2"
	3855	(3) HTW20	24-10dX1-1/2"
	5140	(4) HTW20	24-10dX1-1/2"

- NOTES:

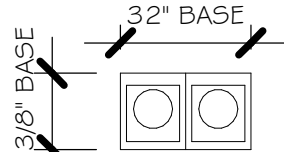
1. PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE.
2. CONNECTORS ARE USP STRUCTURAL CONNECTORS. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH USP PRINTED INSTRUCTIONS.

REV2

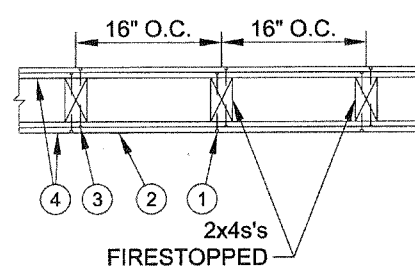
BEARING HEIGHT

 = BEARING @ 8'-8"

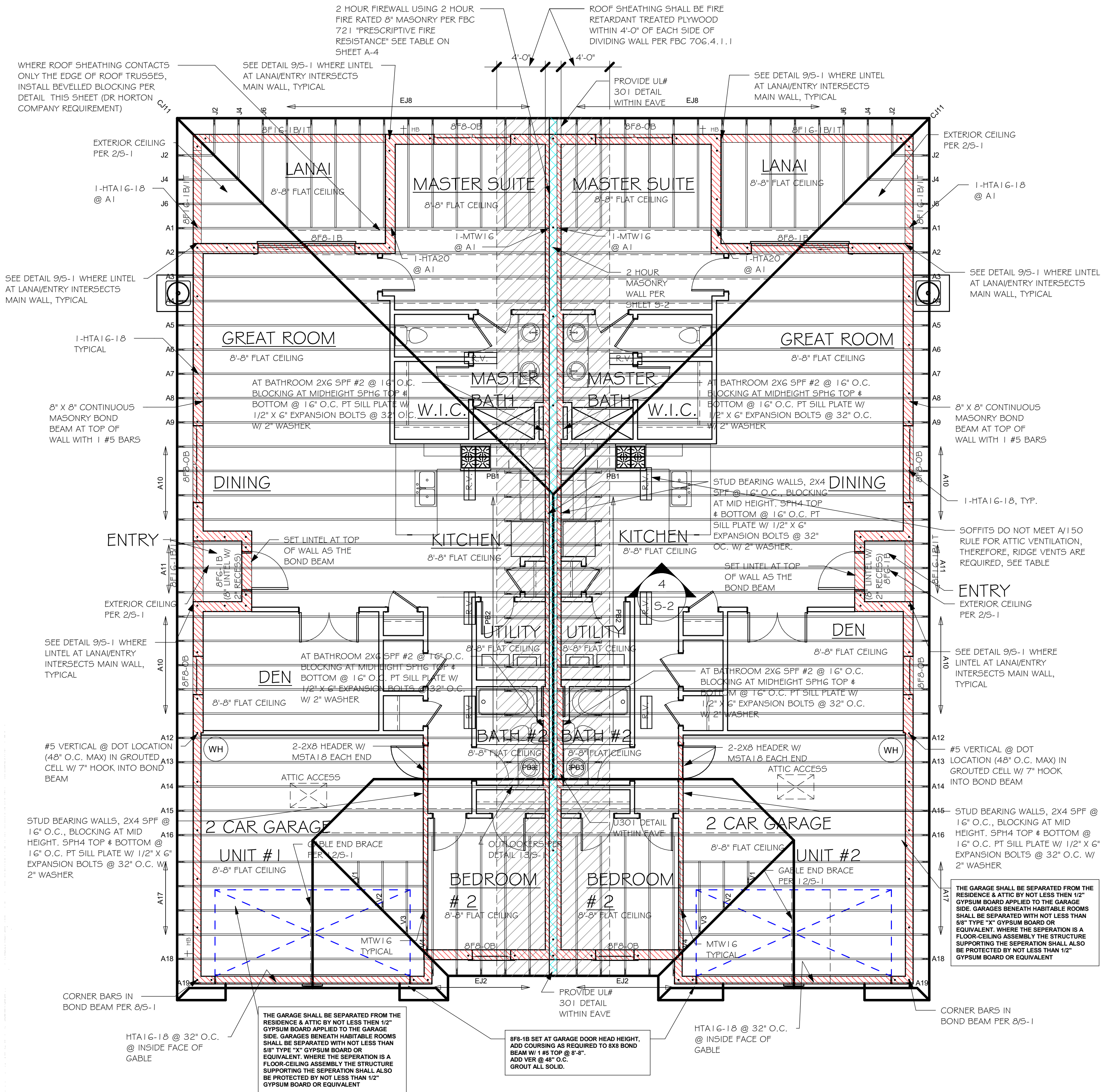
TRUSS BEARING CONDITIONS AND STRAPPING
BASED ON TRUSS LAYOUT PREPARED BY
SCOSTA JOB# 44060 DATED: 08/22/17
REVISED: 08/22/19

MODEL 1498: ATTIC VENTILATION FBCR R806						
COORDINATE VENTING REQUIREMENTS WITH ENERGY CALCULATIONS						
			SOFFIT ONLY (1/150) (NO ROOF VENTS)		WITH ROOF VENTS (1/300) (R.V.)	
AREA5 (SQ. FT.)			ATTIC VENTILATION REQUIRED (ATTIC AREA/150 = 14.55 SQ. FT.)		ATTIC VENTILATION REQUIRED (ATTIC AREA/300 = 7.28 SQ. FT.)	
MARK	ATTIC	SOFFIT	REQD AIR FLOW OF SOFFIT	QUAD 4 SOFFIT HAS	QUANTITY OF ROOF VENTS	MIN AIR FLOW OF SOFFIT
(1)	2163.0 SQ. FT.	146.0 SQ. FT.	9.63%	6.15%	4	2.7%
"SOFFIT ONLY" DOES NOT QUALIFY					ROOF VENTS ARE REQUIRED	
			SOFFIT MODEL ACM QUAD 4, FULL VENT, NARROW PATTERN, 8.15% FREE AIR FLOW		ROOF VENT MODEL  LOMANCO 770-D 0.97 SQ. FT. FREE AIR	

FIRE RESISTANCE RATINGS - ANSI/UL 263 (BXUV)

Design No. U301	Bearing Wall Rating 2 HR.	Finish Rating 66 Min.
1. Nailheads - Exposed or covered with joint finisher. 2. Joints - Exposed or covered with filler tape and joint finisher. As an alternate, nominal 3/32 in. thick gypsum venter plaster may be applied to the entire surface of Classified Venter or concealed joints reinforced. 3. Nails - 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam. 1/4 in. diam heads, and 6d cement coated nails 2-3/8 in. long, 0.113 in. shank diam, 3/32 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 6" o.c. Outer layer attached to studs over inner layer with the 2-3/8 in. nails spaced 8" o.c. Vertical joints located over studs. All joints in face layer staggered with joints in base layers. Joints of each base layer offset with joints of base layer on opposite side. When used in walls other than 48 in., gypsum board to be installed horizontally. When Steel Framing Members (Item 5) are used, base layer attached to framing channels with 1 in. long Type S bugle-head steel screws spaced max. 24 in. o.c. in face layer 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. BEULING NEW BUILDING MATERIALS CO. LTD. - Type DBX-1. CERTAINTED GYPSUM - Types 1, FRPC, EGRG, ProRoC Type C or ProRoC Type X. CERTAINTED GYPSUM CANADA, INC. - ProRoC Type C, ProRoC Type X, ProRoC Type Abuse-Resistant. CANADIAN GYPSUM COMPANY - Types AR-C, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX. GP GYPSUM CORP. SUB OF GEORGIA-PACIFIC CORP. Types 5, 9, C, DAP, DD, DA, DGG, DS, GPF58. LAFARE NORTH AMERICA INC. Types LGFC-C, LGFC2, LGFC2A, LGFCB, 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-5, PG-5W, PG-SW, PG-S or PG-C. TEMPLE-INLAND FOREST PRODUCTS CORP. - Type TG-C. SIAM GYPSUM INDUSTRY (SARABURI) CO. LTD. - Type EX-1. STANDARD GYPSUM L L C. - Types SCG, SG-C or SG-CG. UNITED STATES GYPSUM CO. - Types AR-C, C, FRX-G, IP-AR, IP-X1, IP-X2, IP-AR, SCX, SHX, WRC, WRX. USG MEXICO S A DE CV - Types AR, C, IP-AR, IP-X1, IP-X2, IP-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 S A DE CV V 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 S A DE CV C 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 ALSIDE, DIV OF GENTEK BUILDING PRODUCTS LTD HEARTLAND BUILDING PRODUCTS INC VYTEC CORP NEBRASKA PLASTICS INC		
6. Steel Framing Members - (Optional, Not shown) - Furring channels and resilient sound isolation clips as described below: A. Furring Channels - Formed of No. 25 MSG 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 5B. 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 rib 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 clips 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 RSGC-1.		

*Bearing the UL Classification Mark

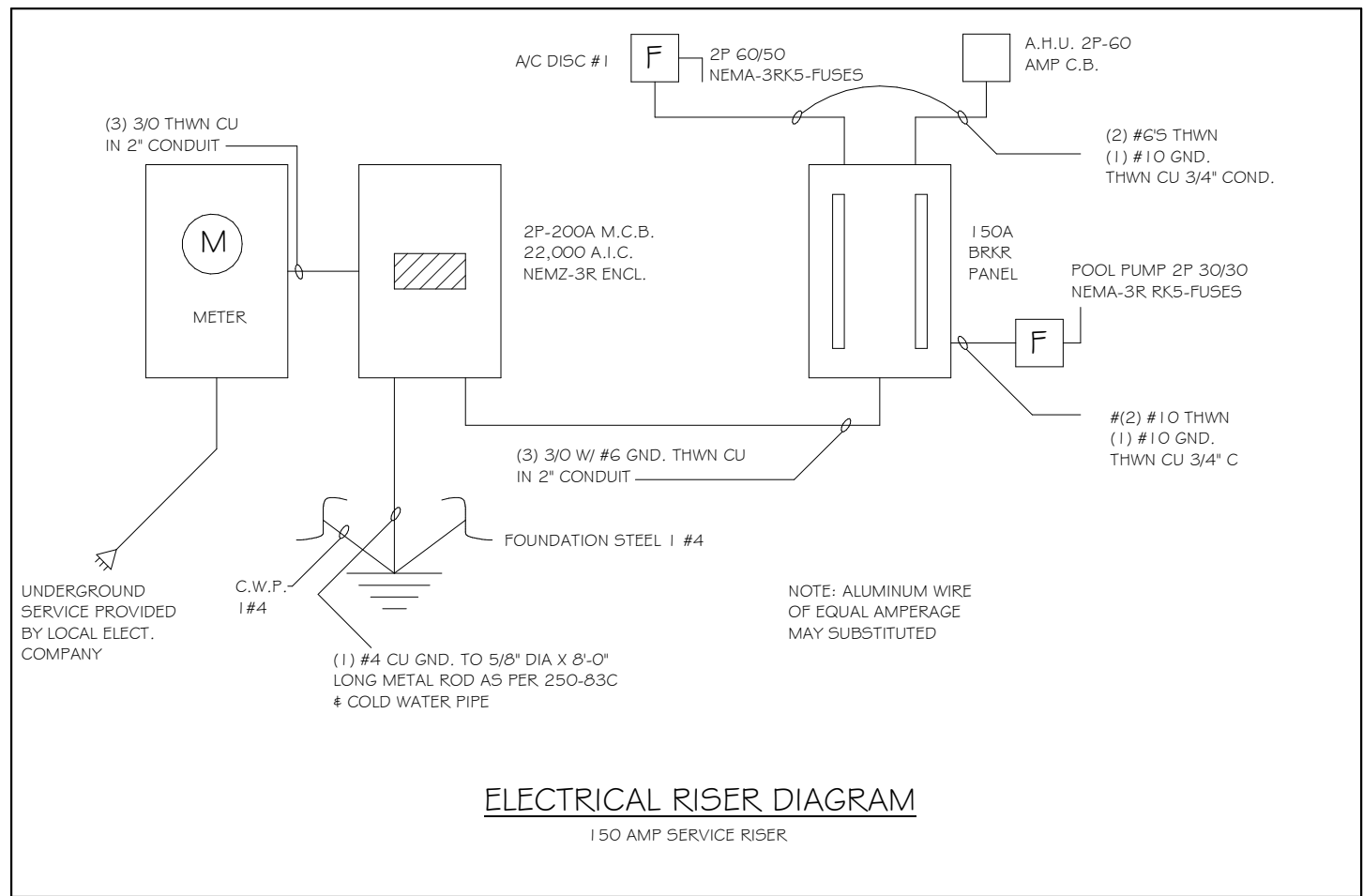


ROOF PLAN

$$3/16'' = 1'-0''$$

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

ELECTRICAL LEGEND	
	ELECTRICAL METER
	ELECTRICAL PANEL
	120 V JUNCTION BOX
	SINGLE RECEPTACLE OUTLET
	220 V RECEPTACLE OUTLET
	4-PLEX RECEPTACLE OUTLET
	DUPLEX RECEPTACLE OUTLET
	1/2 SWITCHED DUPLEX OUTLET
	DUPLEX RECEPTACLE AT ELEV. A.F.F.
	DUPLEX RECEPTACLE - ABOVE COUNTER
	SINGLE POLE SWITCH
	3 WAY SWITCH
	DIMMER SWITCH
	MOTION SENSOR SWITCH
	AC/DC SMOKE DETECTOR TO BE INTERCONNECTED ANY RESIDENT HAVING A FOSSIL-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 PERPOSES, PER RULE 9B-3.04.72 SD (SMOKE DETECTOR) SCD (CARBON MONOXIDE/ SMOKE DETECTOR)
	TELEPHONE OUTLET
	TELEVISION RECEPTION OUTLET
	SURFACE MOUNTED CEILING LIGHT
	RECESSED LIGHT
	WALL MTD. BRACKET LIGHT
	DUPLEX FLOOD LIGHT
	EXHAUST FAN
	TRACK MTD. LIGHTS
	A/C DISCONNECT
	PUSH BUTTON (PB) / DOOR BELL (DB)
	INTERCOM
	KEYPAD
	4' FLUORESCENT LIGHT
	2' UNDER COUNTER LIGHT
NOTE: NOT ALL SYMBOLS ARE USED FOR THIS PROJECT.	
ELECTRICAL NOTES: ARC-FAULT CIRCUIT-INTERRUPTERS AND TAMPER RESISTANT RECEPTACLES SHALL BE INSTALLED IN DWELLING UNITS PER N.E.C. 210.12 AND 406.11 ALL ELECTRIC, ELECTRICAL EQUIPMENT AND APPLIANCES TO BE SET AT OR ABOVE BASE FLOOD ELEVATIONS PLUS 1'-0" FREEBOARD. ALL OUTLETS IN WET AREAS AND ALL EXTERIOR OUTLETS TO BE GFI'S. INSTALL PHONE AND T.V. PER CONTRACT. INSTALL ALL ELECTRICAL PER NEC 2014	



AIR CONDITIONING COORDINATION REQUIRED.
PRIOR TO ORDERING ROOF TRUSSES, THE CONTRACTOR SHALL WORK WITH THE AIR CONDITIONING SUB CONTRACTOR TO DESIGN/PLAN AND LAYOUT THE LOCATION OF AIR HANDLING EQUIPMENT, AIR DUCT SIZE AND LOCATION AND COORDINATE THAT DESIGN WITH THE TRUSSES FOR SPACE, CONNECTIVITY, AND POSITION REQUIREMENTS. THE CONTRACTOR MUST ADVISE THE TRUSS COMPANY PRIOR TO ANY CONSTRUCTION OF TRUSSES OF THE AIR CONDITIONING/HANDLING EQUIPMENT'S SIZES AND WEIGHT AND DUCT LAYOUT CONCERNS OR REQUIREMENTS THAT MAY HAVE THE POTENTIAL TO CHANGE OR MODIFY THE TRUSSES TO ACCOMMODATE THE SAME.
THE CONTRACTOR SHALL COORDINATE CONDENSATION DISCHARGE LINE LOCATION, AND ELECTRICAL SERVICE TO AIR EQUIPMENT, AND PROVIDE ANY LOCAL DISCONNECTS, LIGHTS AND SERVICE PLATFORMS THAT MAY BE REQUIRED.

ELECTRICAL NOTES FOR FIRE RATED WALLS

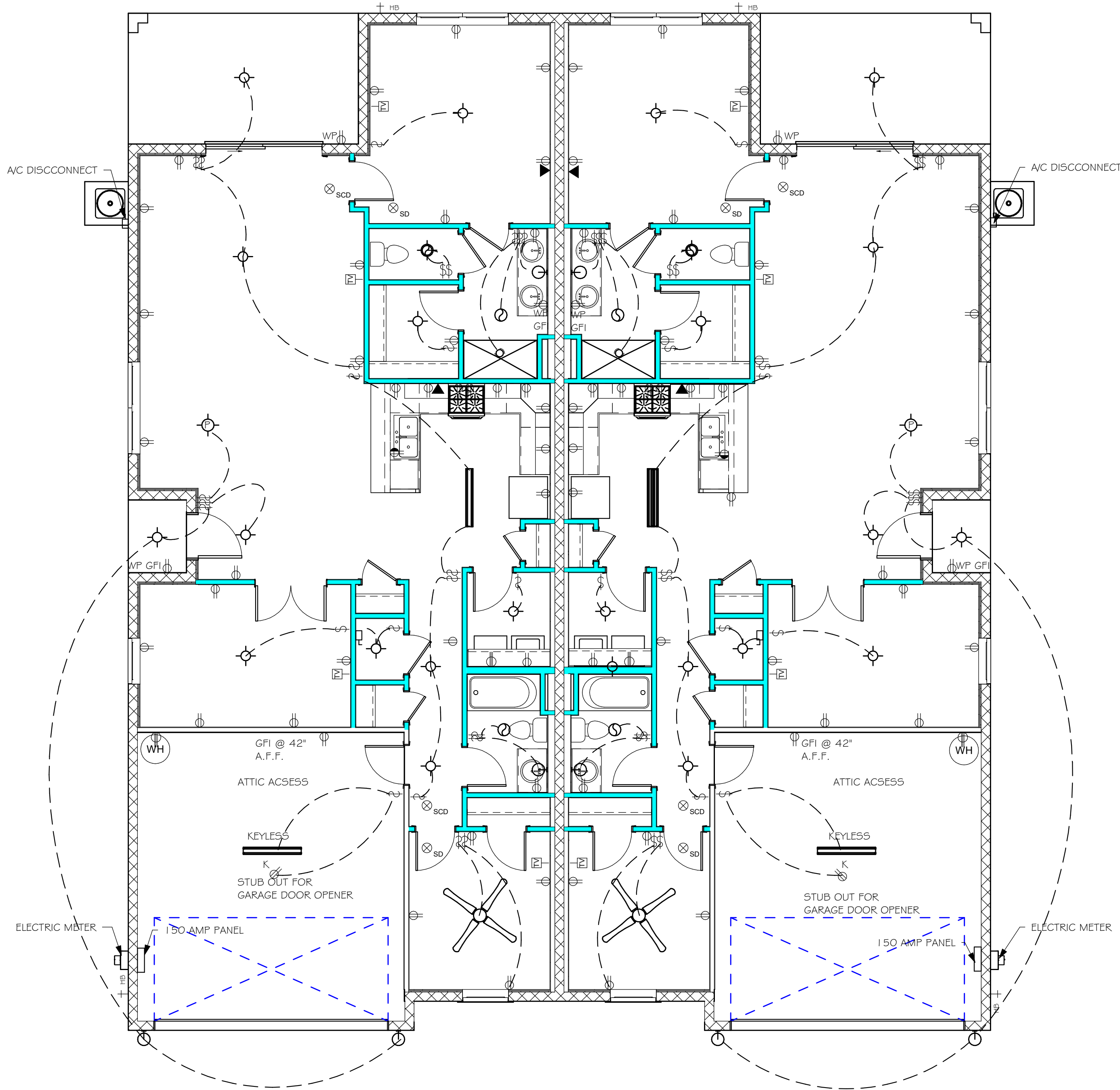
ELECTRICAL OUTLETS PLACED IN FIRE RATED WALLS SHALL BE IN CONFORMANCE WITH THE UNDERWRITERS LABORATORIES, INC., FIRE RESISTANCE DIRECTORY, CURRENT EDITION, THESE REQUIREMENTS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING SPECIFIC ITEMS:

A) INDIVIDUAL OUTLET/SWITCH BOXES SHALL NOT EXCEED (16) SQUARE INCHES IN AREA.

B) AGGREGATE AREA OF OUTLET/SWITCH BOXES SHALL NOT EXCEED (100) SQUARE INCHES WITHIN (100) SQUARE FEET OF WALL AREA.

C) OUTLET/SWITCH BOXES LOCATED ON OPPOSITE SIDE OF THE SAME WALL SHALL BE SEPERATED BY A MINIMUM OF (24) INCHES.

D) ALL OUTLET/SWITCH BOXES SHALL BE SECURELY ATTACHED TO THE STUDS AND THE OPENING IN THE WALL BOARD FACING SHALL BE CUT SO THAT THE CLEARANCE BETWEEN THE BOX AND THE WALLBOARD DOES NOT EXCEED 1/8 INCH.



ELECTRICAL PLAN

3/16" = 1'-0"

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

K:\1-MASTER 2019\2019-BUILDERS\DR HORTON\2019\SUBDIVISIONS\WATERFORD II
TV\5\11055 LOT 374-375 1498 EREVITY\11055 1498 E.rvt

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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. USP FASTENERS SPECIFIED MAY BE SUBSTITUTED WITH THE SAME QUANTITY AND EQUIVALENT STRENGTH PRODUCT.
- 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.
- 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 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.

2

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 "H" CLIPS AT UNSUPPORTED PANEL EDGES. THE ROOF SHEATHING SHALL BE NAILED WITH 8d RING SHANK NAILS @ 5' 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 - O.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, A750 ALUM. ZINC, OR GALVANIZED STEEL 0.0179" THICK, 26 GAUGE, ZINC COATED G90. 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.

3

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 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.

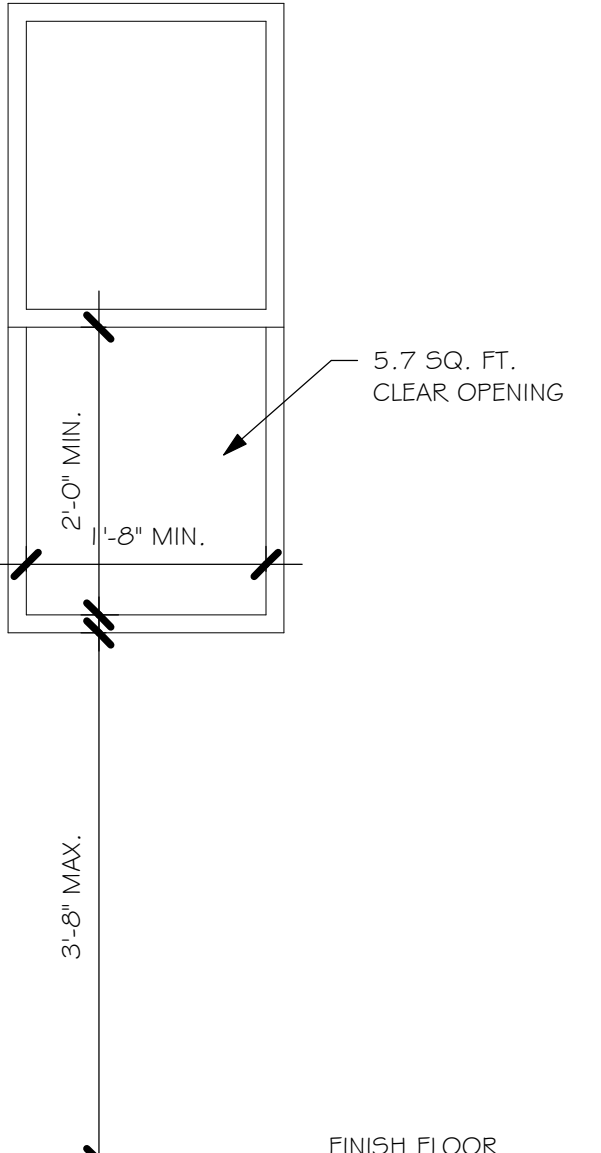
FASTENERS
FASTENERS FOR ASPHALT SHINGLES SHALL COMPLY WITH ASTM F 1667, AND SHALL BE MADE WITH GALVANIZED STEEL, STAINLESS STEEL OR ALUMINUM WITH A MINIMUM SHANK SIZE OF 12 GAUGE (0.105") WITH A MINIMUM 3/8" DIAMETER HEAD SHANK AND SHALL BE A LENGTH TO PENETRATE THE SHEATHING

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 FEEEL 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.



5.7 SQ. FT. CLEAR OPENING

2'-0" MIN.

1'-8" MIN.

3'-5" MAX.

FINISH FLOOR

R310.2.1 MINIMUM OPENING AREA: ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET (0.530 m²).

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

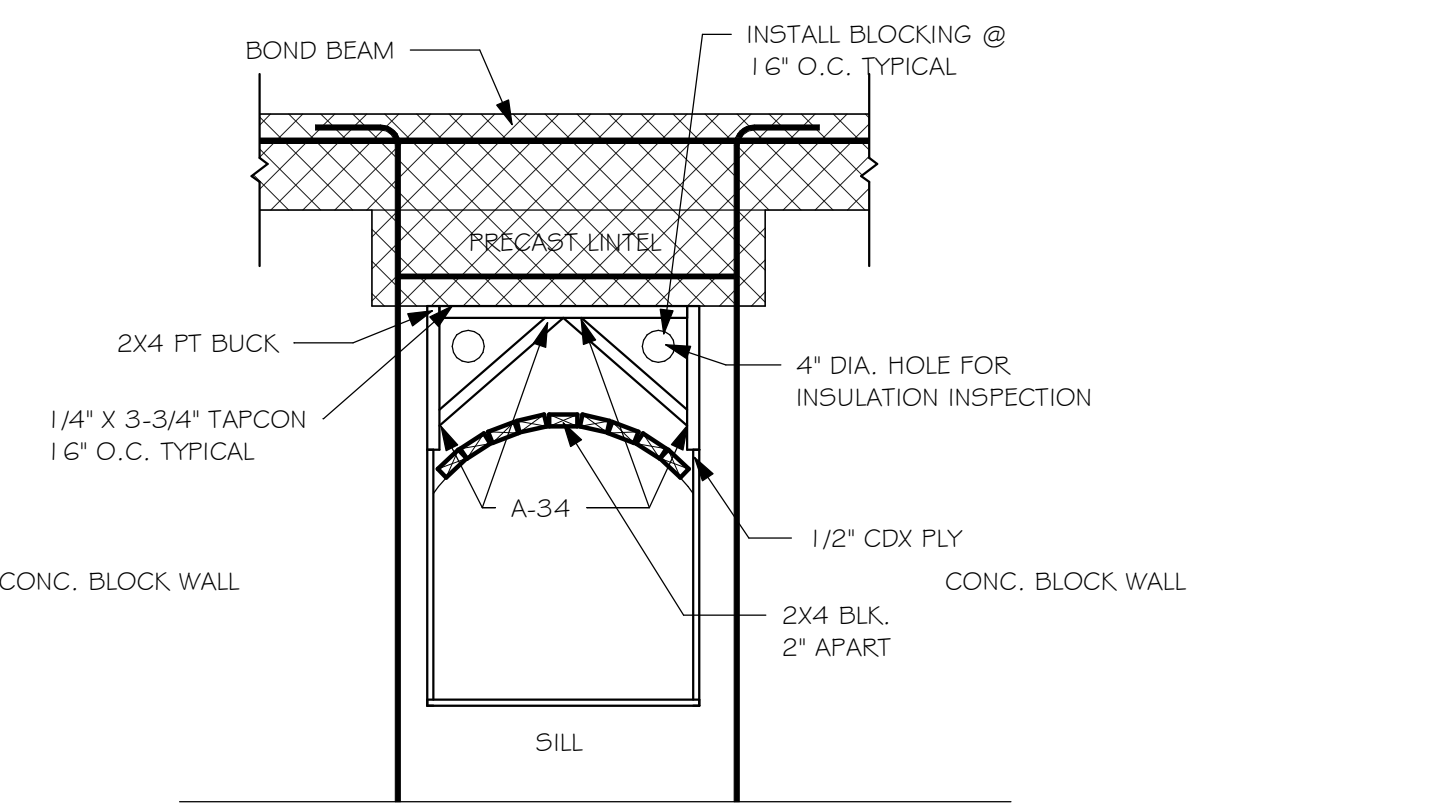
R310.2.1 MINIMUM OPENING HEIGHT: THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24 INCHES (610mm).

R310.2.1 MINIMUM OPENING WIDTH: THE MINIMUM NET CLEAR OPENING WIDTH SHALL BE 20 INCHES (508mm).

R310.1.1 OPERATIONAL CONSTRAINTS: EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL BE OPERATIONAL FROM THE INSIDE OF THE ROOM WITHOUT THE USE OF KEYS OR TOOLS.

R310.2.3 WINDOW WELLS: THE MINIMUM HORIZONTAL AREA OF THE WINDOW WELL SHALL BE 9 SQUARE FEET (0.84 m²), WITH A MINIMUM HORIZONTAL PROJECTION AND WIDTH OF 36 INCHES (914mm). THE AREA OF THE WINDOW WELL SHALL ALLOW THE EMERGENCY ESCAPE AND RESCUE OPENING TO BE FULLY OPENED.

MINIMUM EGRESS WINDOW DETAIL



BOND BEAM

INSTALL BLOCKING @ 16" O.C. TYPICAL

PRECAST LINTEL

2x4 PT BUCK

1/4" X 3-3/4" TAPCON 16" O.C. TYPICAL

4" DIA. HOLE FOR INSULATION INSPECTION

1/2" CDX PLY

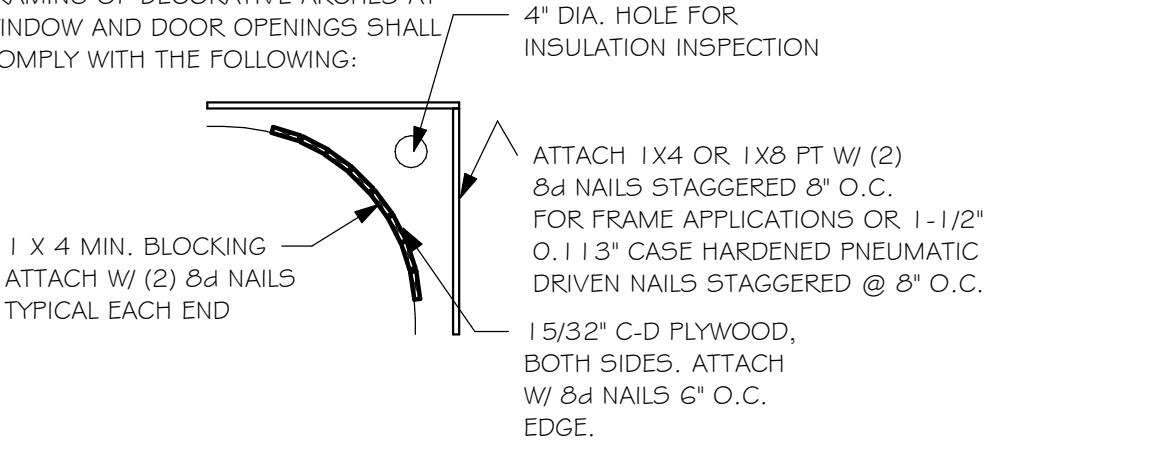
2x4 BLK. 2" APART

CONC. BLOCK WALL

SILL

WINDOW OR DOOR ARCH SPACE FRAMING ABOVE

SPECIAL NOTE:
FRAMING OF DECORATIVE ARCHES AT WINDOW AND DOOR OPENINGS SHALL COMPLY WITH THE FOLLOWING:



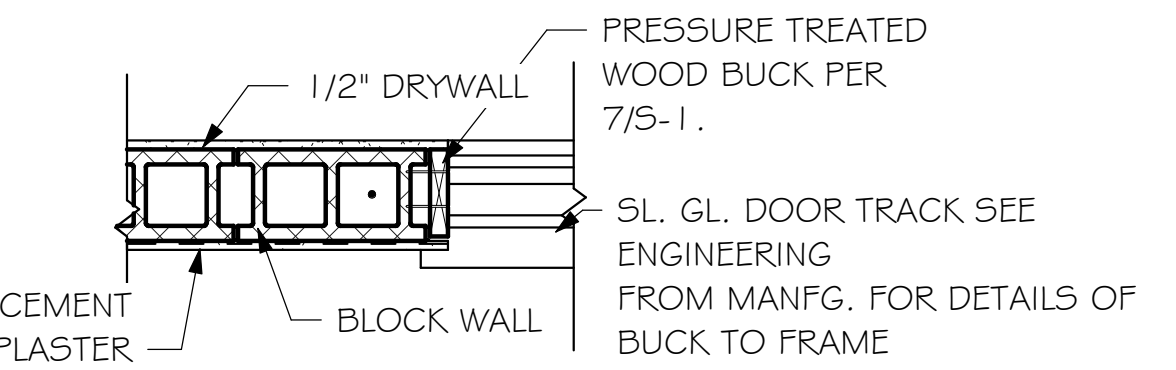
1 X 4 MIN. BLOCKING ATTACH W/ (2) 8d NAILS TYPICAL EACH END

4" DIA. HOLE FOR INSULATION INSPECTION

ATTACH 1x4 OR 1x8 PT W/ (2) 8d NAILS STAGGERED 8" O.C. FOR FRAME APPLICATIONS OR 1-1/2" O.113" CASE HARDENED PNEUMATIC DRIVEN NAILS STAGGERED @ 8" O.C.

1 5/32" C-D PLYWOOD, BOTH SIDES. ATTACH W/ 8d NAILS 6" O.C. EDGE.

FILL IN FRAMING



1/2" DRYWALL

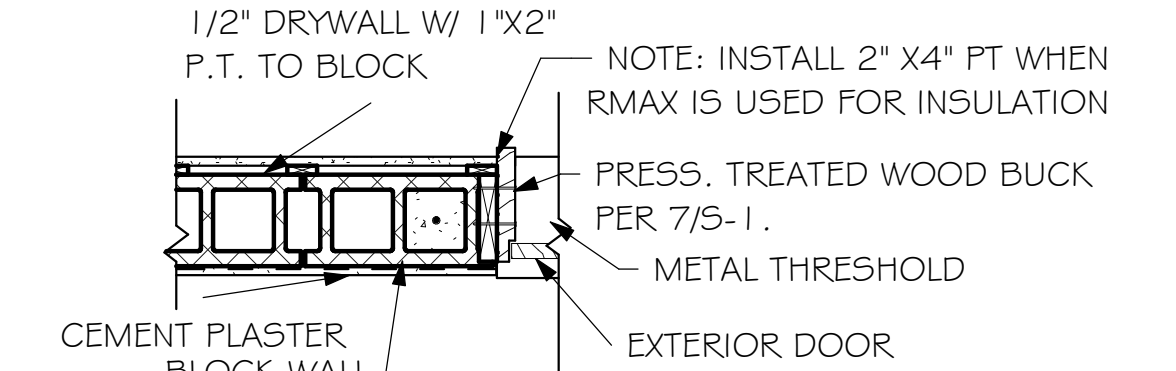
PRESSURE TREATED WOOD BUCK PER 7/5-1.

SL. GL. DOOR TRACK SEE ENGINEERING FROM MANFG. FOR DETAILS OF BUCK TO FRAME

CEMENT PLASTER

BLOCK WALL

SL. GL. DR. JAM TO BLOCK DETAIL



1/2" DRYWALL W/ 1"X2" P.T. TO BLOCK

NOTE: INSTALL 2" X4" PT WHEN RMAX IS USED FOR INSULATION

PRESS. TREATED WOOD BUCK PER 7/5-1.

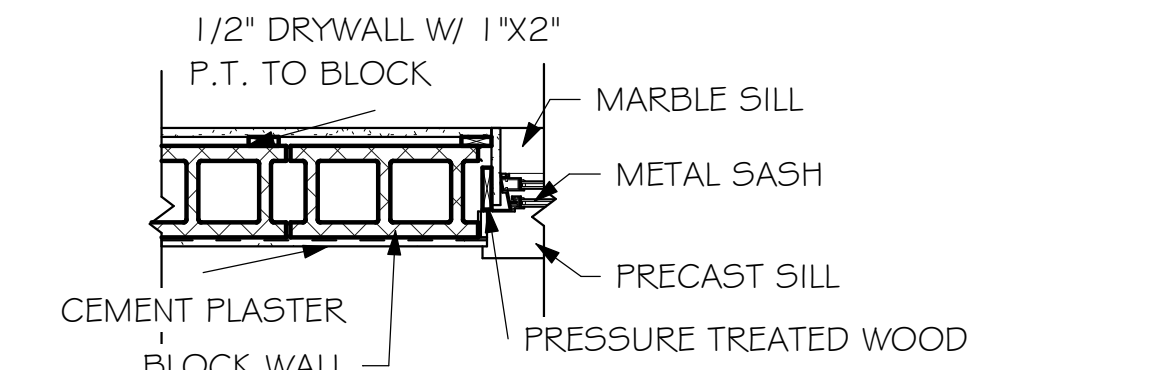
METAL THRESHOLD

EXTERIOR DOOR

CEMENT PLASTER

BLOCK WALL

DOOR JAM TO BLOCK DETAIL



1/2" DRYWALL W/ 1"X2" P.T. TO BLOCK

MARBLE SILL

METAL SASH

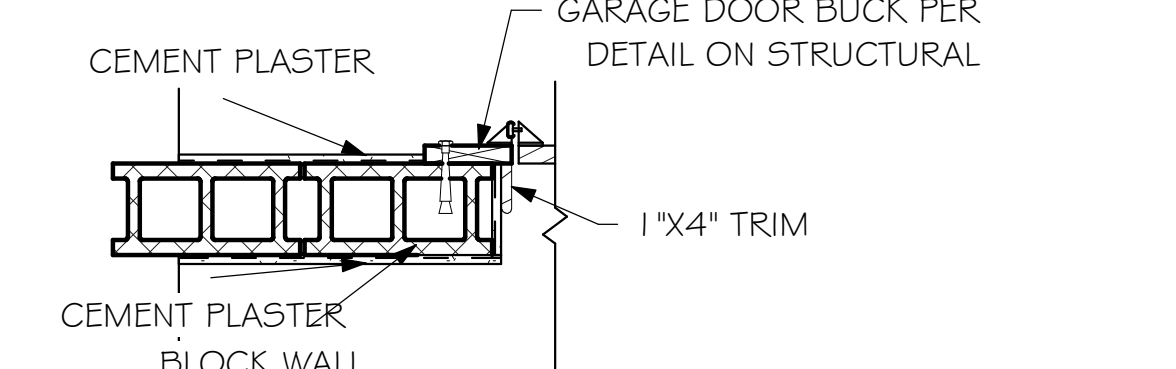
PRECAST SILL

PRESSURE TREATED WOOD BUCK PER 7/5-1.

CEMENT PLASTER

BLOCK WALL

WINDOW JAM TO BLOCK DETAIL



CEMENT PLASTER

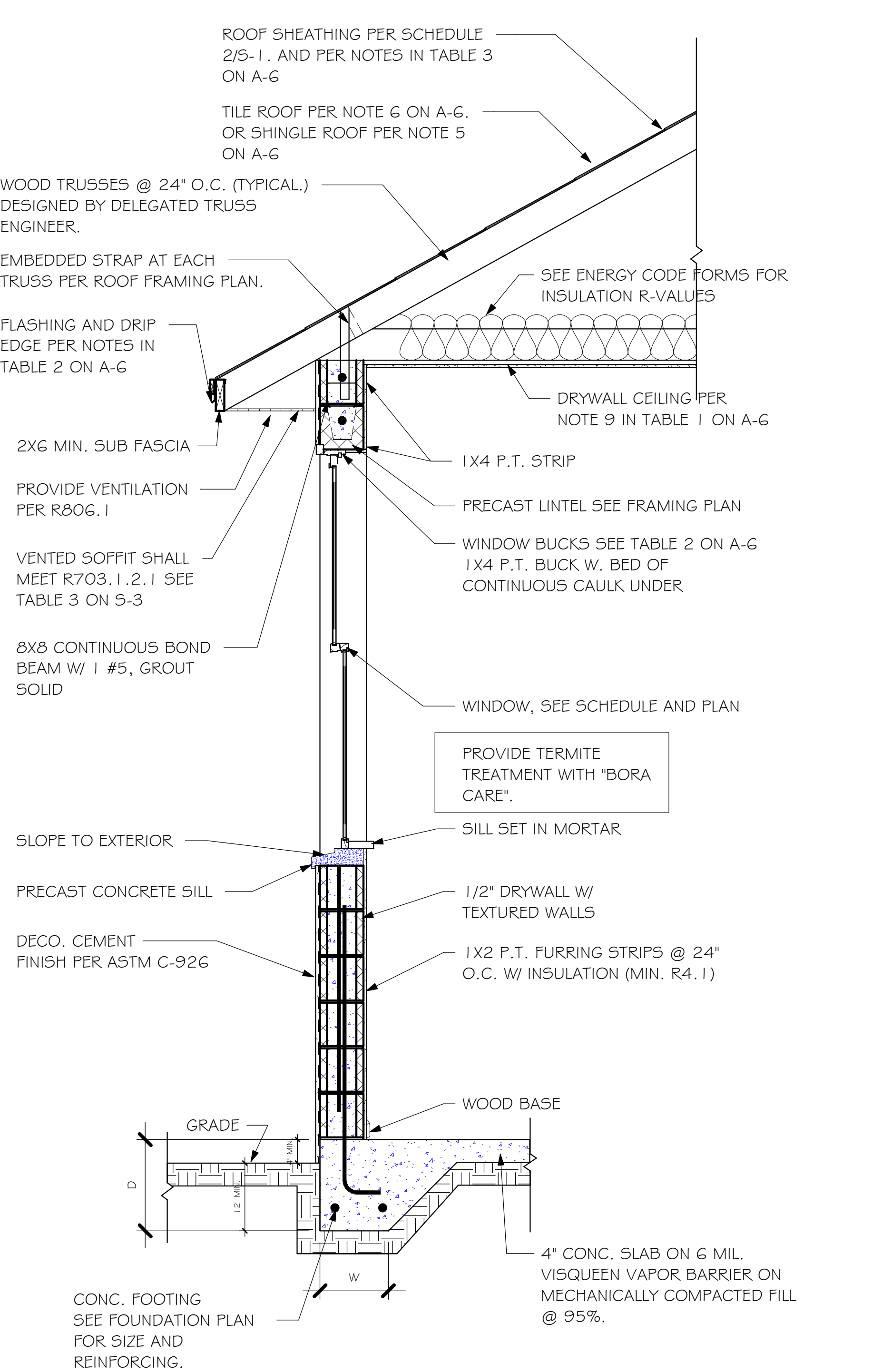
GARAGE DOOR BUCK PER DETAIL ON STRUCTURAL

1"X4" TRIM

CEMENT PLASTER

BLOCK WALL

GARAGE DOOR JAM DETAIL



ROOF SHEATHING PER SCHEDULE 2/5-1. AND PER NOTES IN TABLE 3 ON A-6

TILE ROOF PER NOTE 6 ON A-6. OR SHINGLE ROOF PER NOTE 5 ON A-6

WOOD TRUSSES @ 24" O.C. (TYPICAL.) DESIGNED BY DELEGATED TRUSS ENGINEER.

EMBEDDED STRAP AT EACH TRUSS PER ROOF FRAMING PLAN.

SEE ENERGY CODE FORMS FOR INSULATION R-VALUES

DRYWALL CEILING PER NOTE 9 IN TABLE 1 ON A-6

1X4 P.T. STRIP

PRECAST LINTEL SEE FRAMING PLAN

WINDOW BUCKS SEE TABLE 2 ON A-6 1X4 P.T. BUCK W. BED OF CONTINUOUS CAULK UNDER

WINDOW, SEE SCHEDULE AND PLAN

PROVIDE TERMITE TREATMENT WITH "BORA CARE".

SILL SET IN MORTAR

1/2" DRYWALL W/ TEXTURED WALLS

1X2 P.T. FURRING STRIPS @ 24" O.C. W/ INSULATION (MIN. R4.1)

DECO. CEMENT FINISH PER ASTM C-926

SLOPE TO EXTERIOR

PRECAST CONCRETE SILL

8X8 CONTINUOUS BOND BEAM W/ 1 #5, GROUT SOLID

PROVIDE VENTILATION PER R806.1

VENTED SOFFIT SHALL MEET R703.1.2.1 SEE TABLE 3 ON S-3

FLASHING AND DRIP EDGE PER NOTES IN TABLE 2 ON A-6

2X6 MIN. SUB FASCIA

2X4 MIN. SUB FASCIA

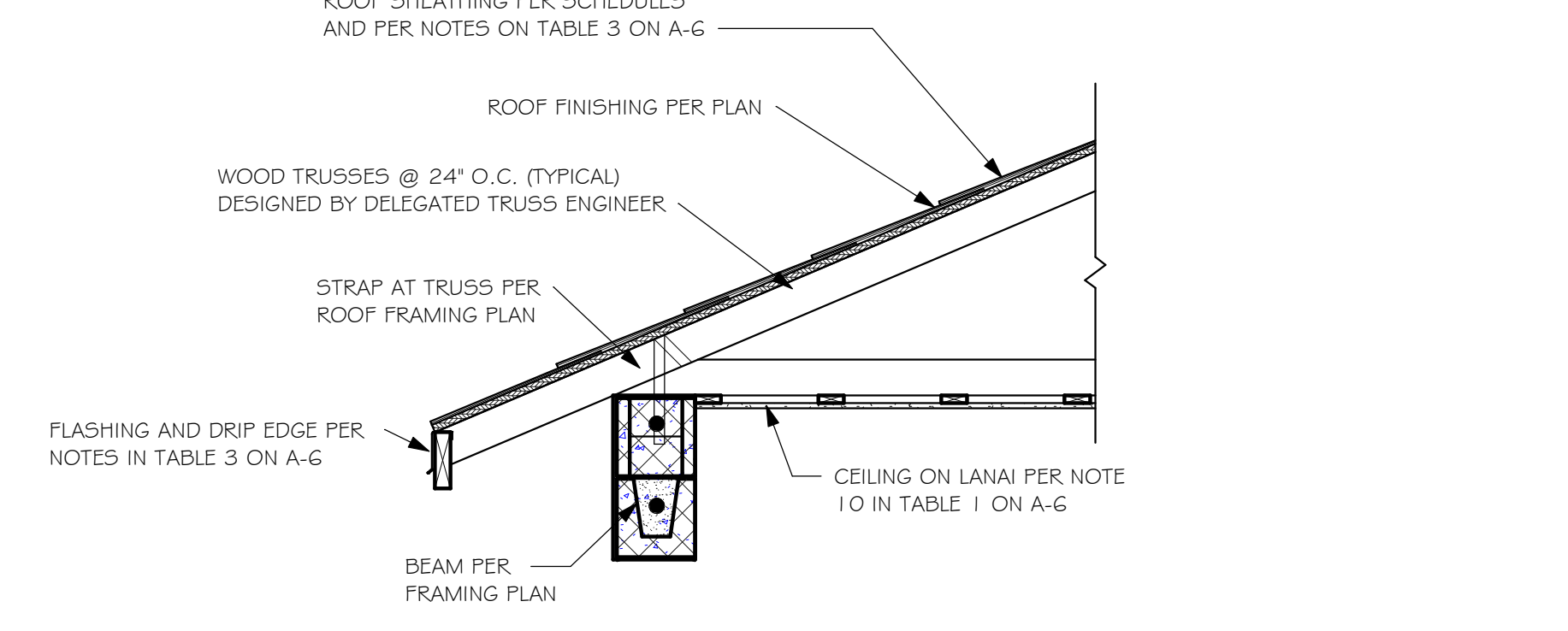
GRADE

CONC. FOOTING SEE FOUNDATION PLAN FOR SIZE AND REINFORCING.

WOOD BASE

4" CONC. SLAB ON 6 MIL. VISQUEEN VAPOR BARRIER ON MECHANICALLY COMPACTED FILL @ 95%.

TYPICAL WALL SECTION



ROOF SHEATHING PER SCHEDULES AND PER NOTES ON TABLE 3 ON A-6

ROOF FINISHING PER PLAN

WOOD TRUSSES @ 24" O.C. (TYPICAL) DESIGNED BY DELEGATED TRUSS ENGINEER.

STRAP AT TRUSS PER ROOF FRAMING PLAN

FLASHING AND DRIP EDGE PER NOTES IN TABLE 3 ON A-6

BEAM PER FRAMING PLAN

CEILING ON LANAI PER NOTE 10 IN TABLE 1 ON A-6

3/4" = 1'-0"

LANAI/ ENTRY ROOF ASSEMBLY

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



D-R HORTON
America's Builder
R.H. HSE.



Gulf Coast
Drafting & Design, Inc.
EMAIL: PLANS@GULFCOASTDRAFTING.COM
PHONE: 239-540-8223
1535 SE 47th ST. CAPE CORAL, FL 33904

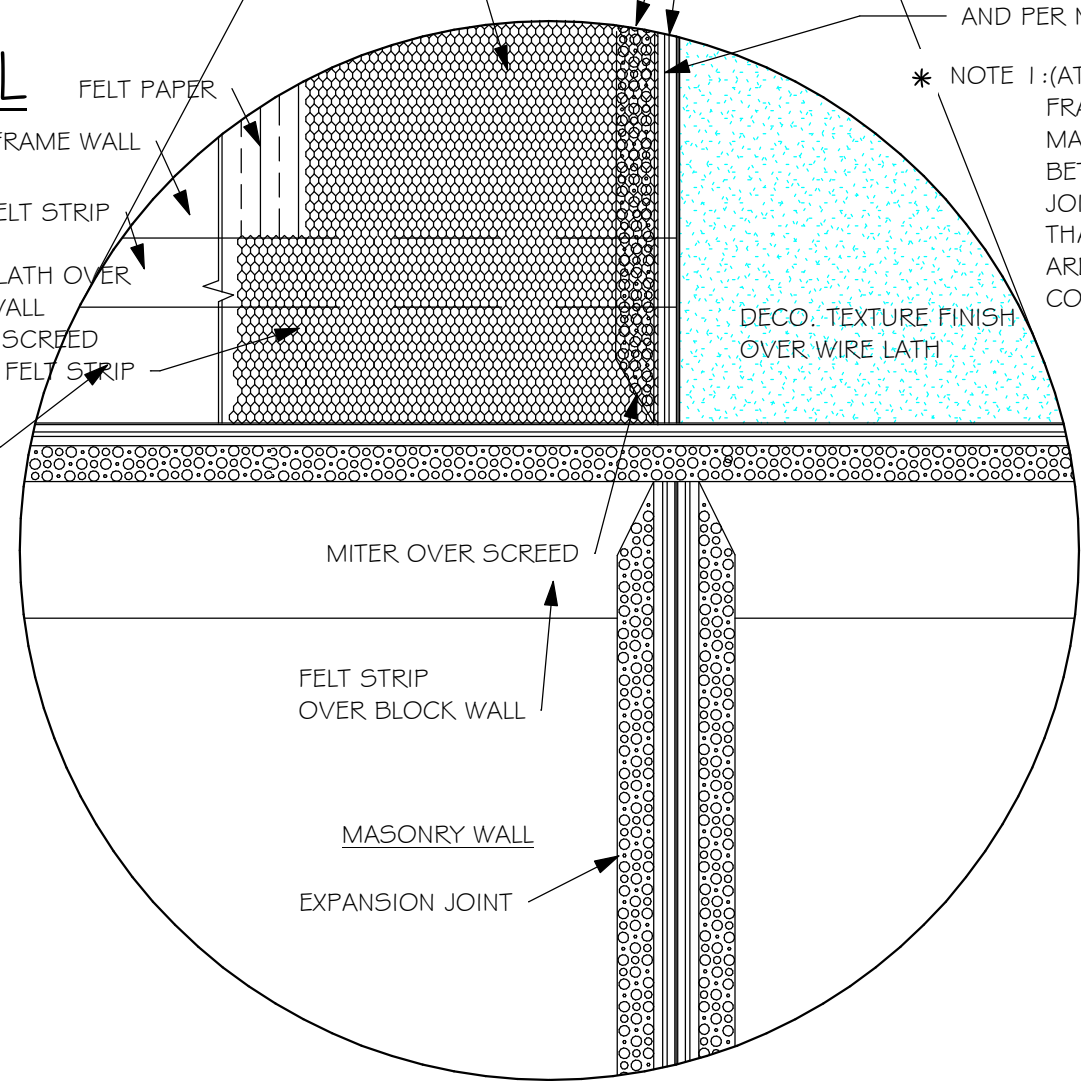
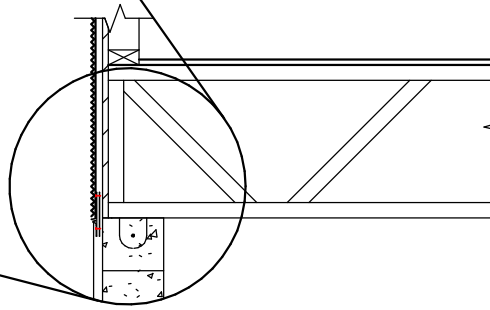


STRUCTURAL SYSTEMS
OF NORTH FLORIDA, INC.
1000 E. 10th Ave., Suite 100
Cape Coral, FL 33904
(239) 549-4554
FAX: (239) 549-4554

LOT: 374-375	SUBDIVISION: WATERFORD II TV/5	ADDRESS: 7104-7112 CRYSTAL WAY	D.R.H. #: 579170163-164
MODEL 1498 VILLA			
GCD JOB # 11055			

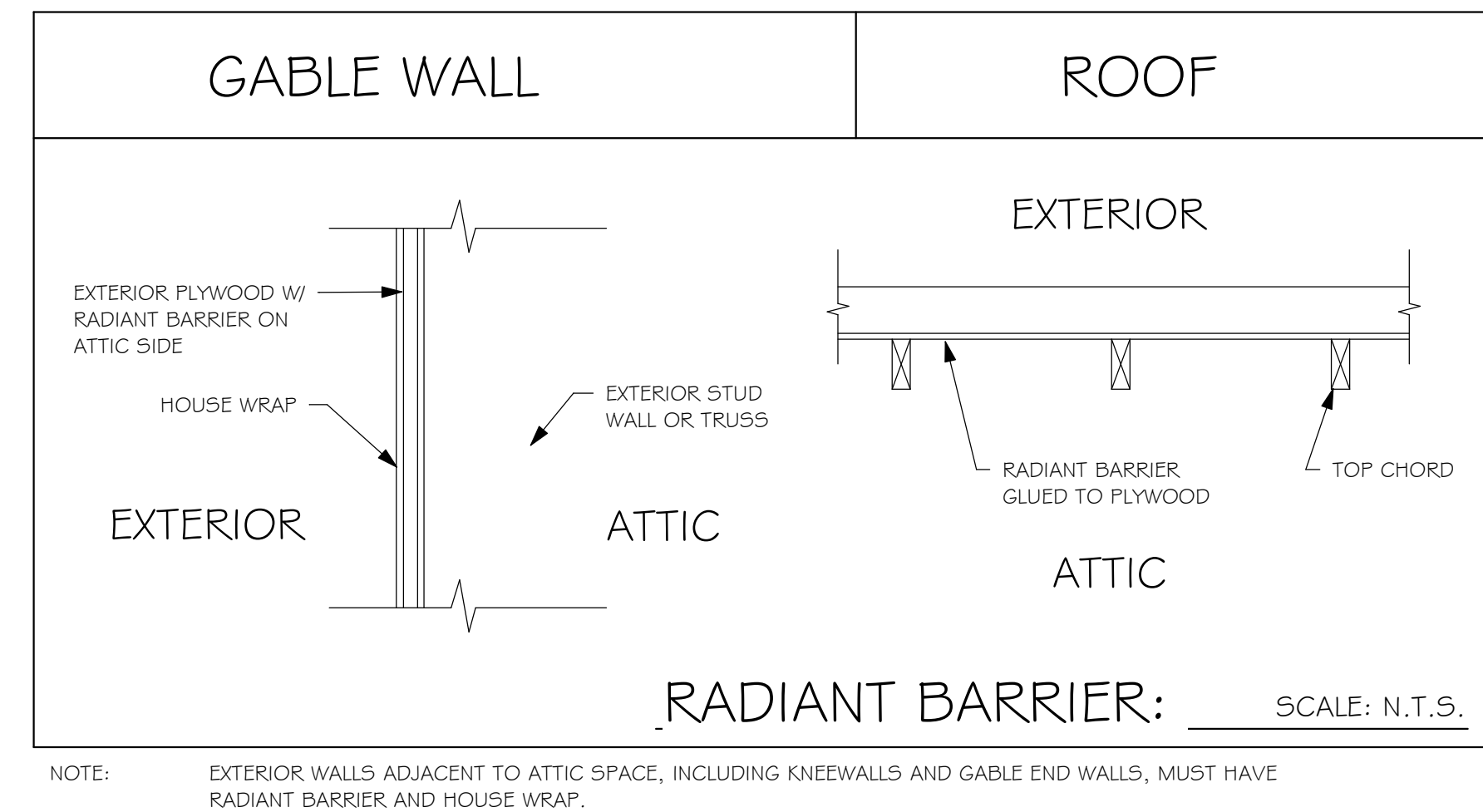
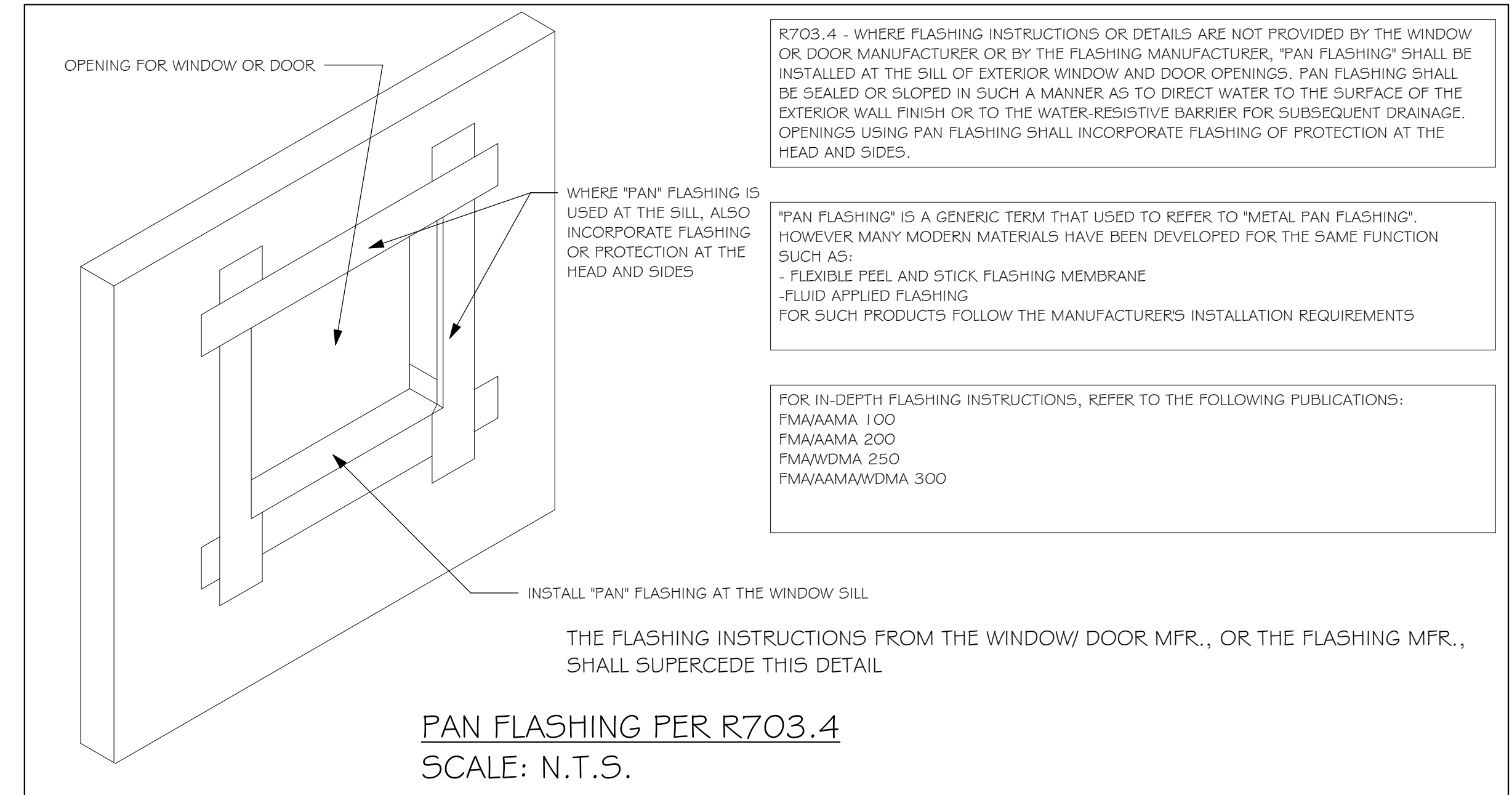
DATE:	08/28/19
DRAWN BY:	JSL
CHECKED BY:	JWC
REVISED:	
PLAN:	SECTIONS
SCALE:	As indicated

A-6

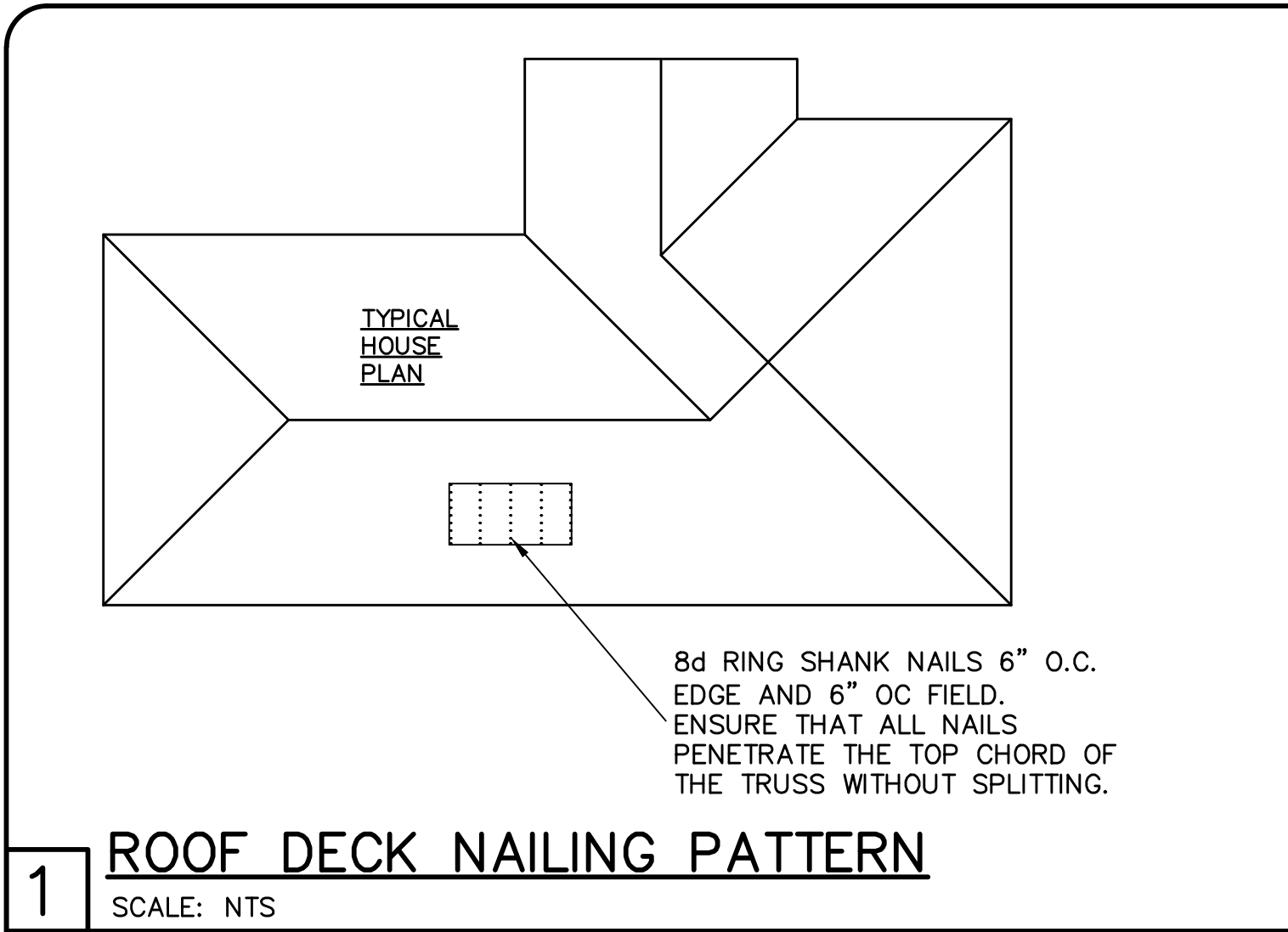


WEEP SCREED DETAIL

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

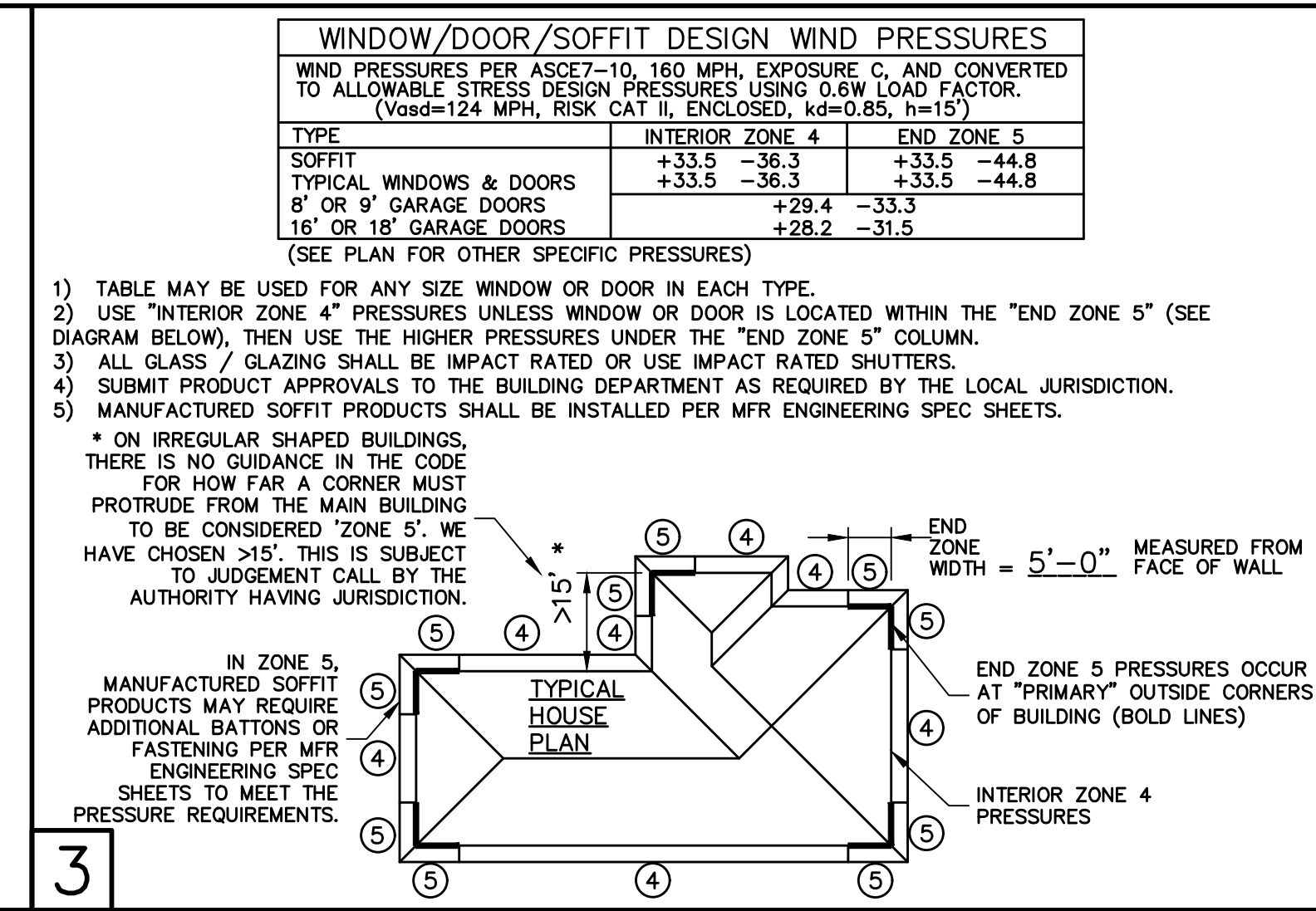


NOTE: EXTERIOR WALLS ADJACENT TO ATTIC SPACE, INCLUDING KNEEWALLS AND GABLE END WALLS, MUST HAVE RADIANT BARRIER AND HOUSE WRAP.



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 R603.2.3.1: 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, 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.

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



DESIGN CRITERIA:
DESIGN IN ACCORDANCE WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE 6th EDITION (2017) 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/ TOLL)
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 C
MEAN ROOF HEIGHT = 15 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 318-14
REQUIRED COMPRESSIVE STRENGTH AT 28 DAYS:
SLAB ON GRADE 3"
3/4" 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 SLAB ON GRADE 3"
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 530-13
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.

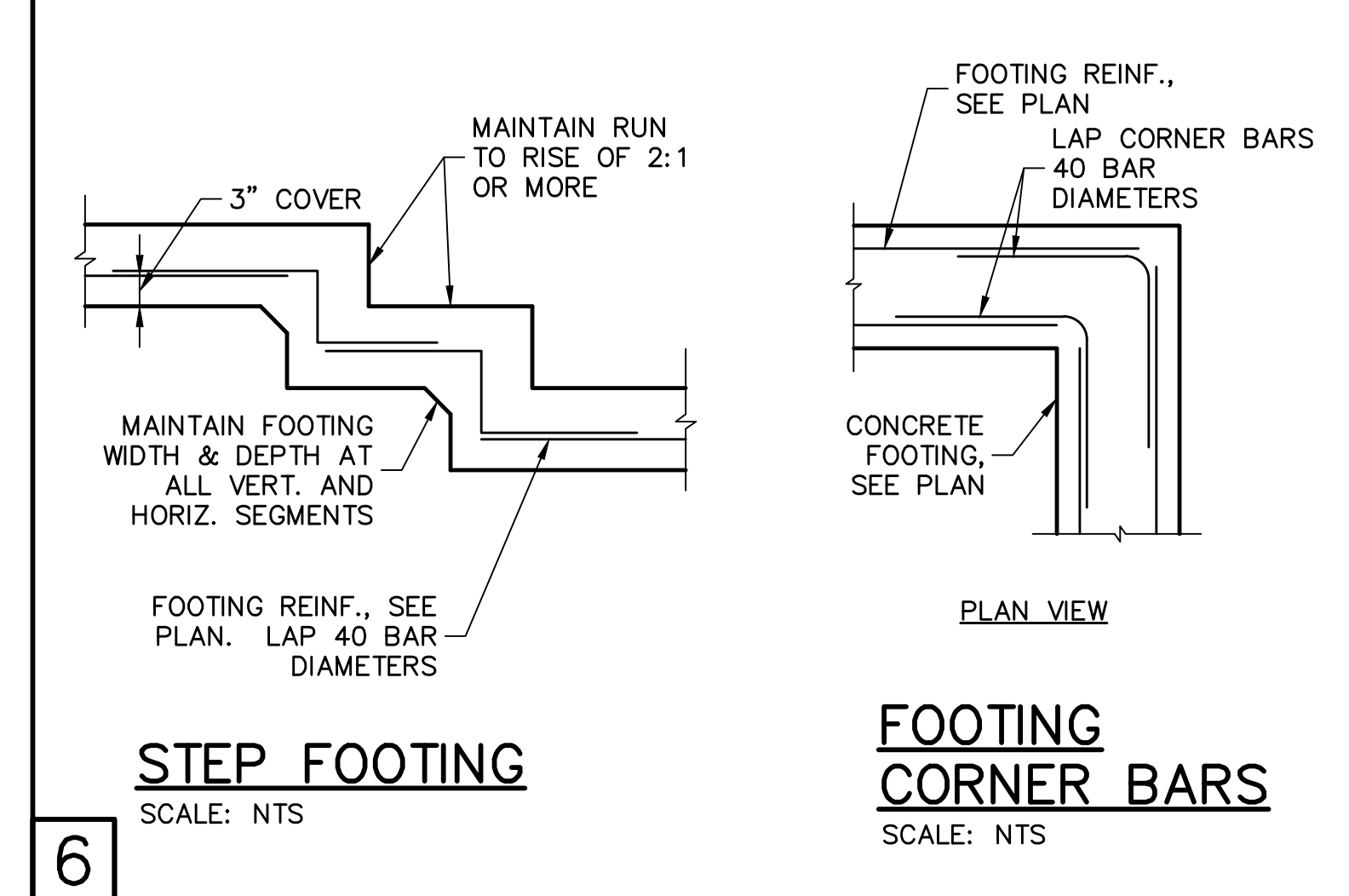
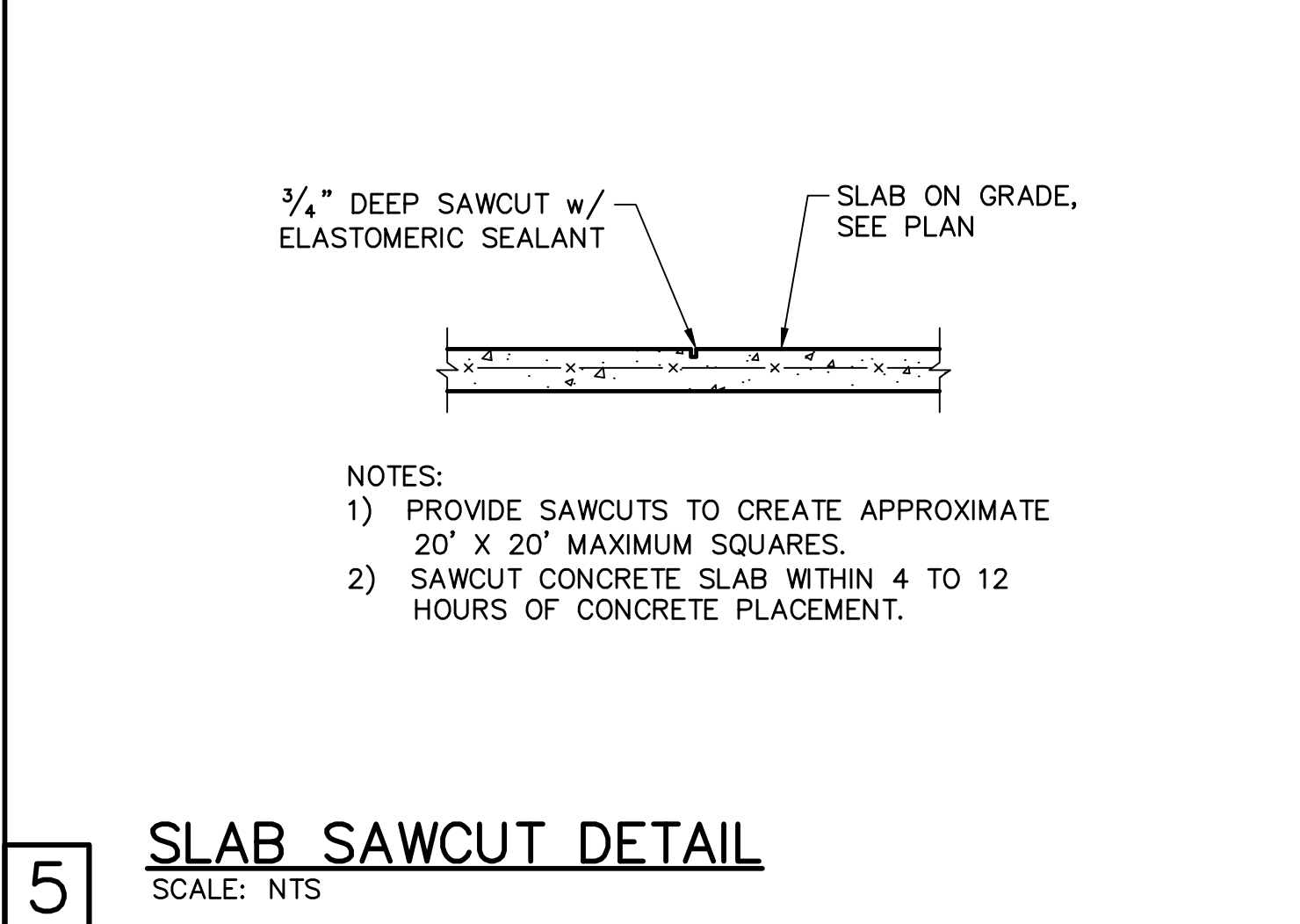
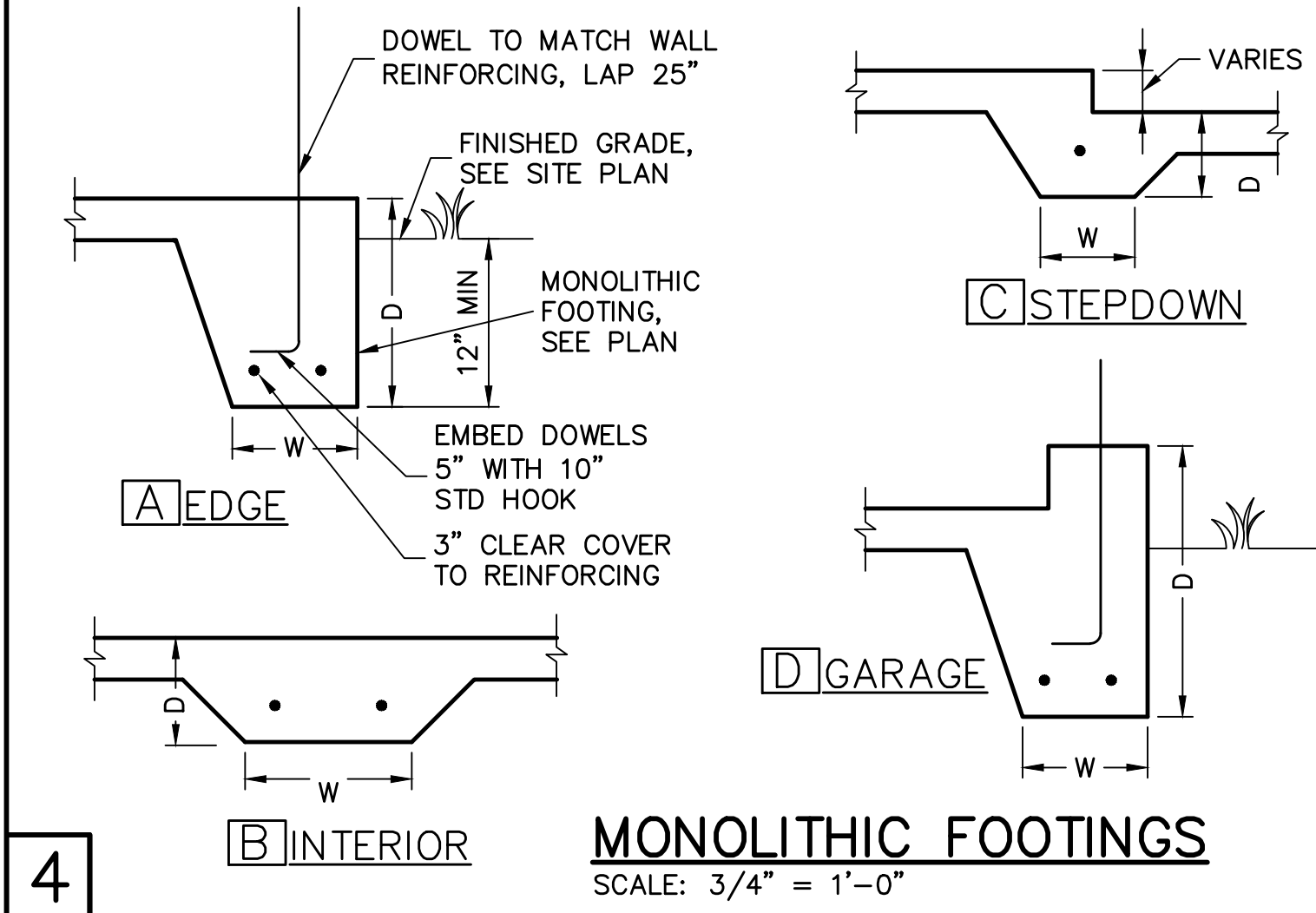
5. DELEGATED-ENGINEERED WOOD ROOF & FLOOR TRUSSES:
ALL WOOD ROOF AND FLOOR TRUSSES SHALL BE DESIGNED BY A DELEGATED TRUSS ENGINEER PER RULE 61G15-31.003 OF THE FLORIDA ADMINISTRATIVE CODE. ALL TRUSSES SHALL HAVE TEMPORARY BRACING PER "COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES, HB-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 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.

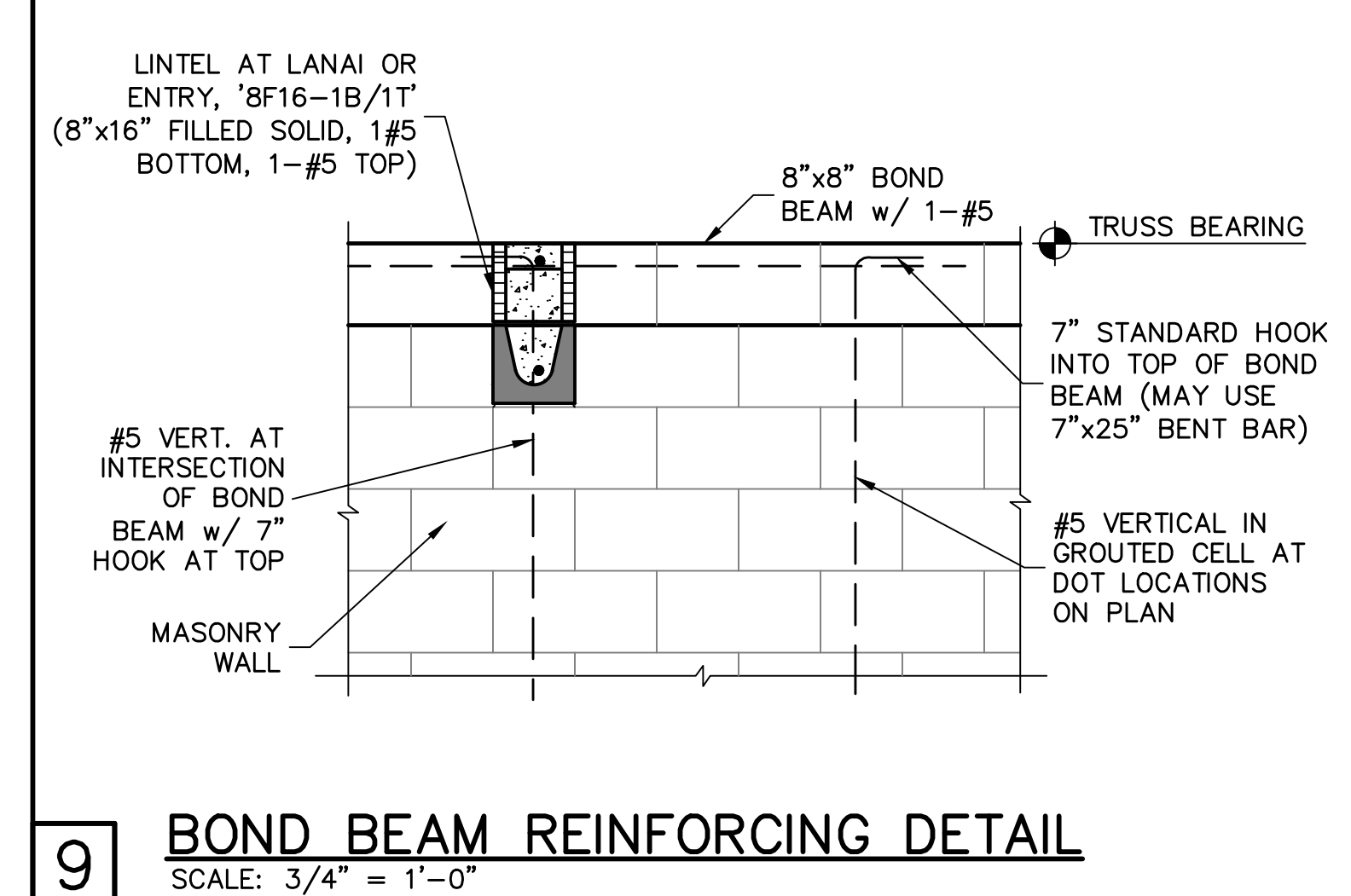
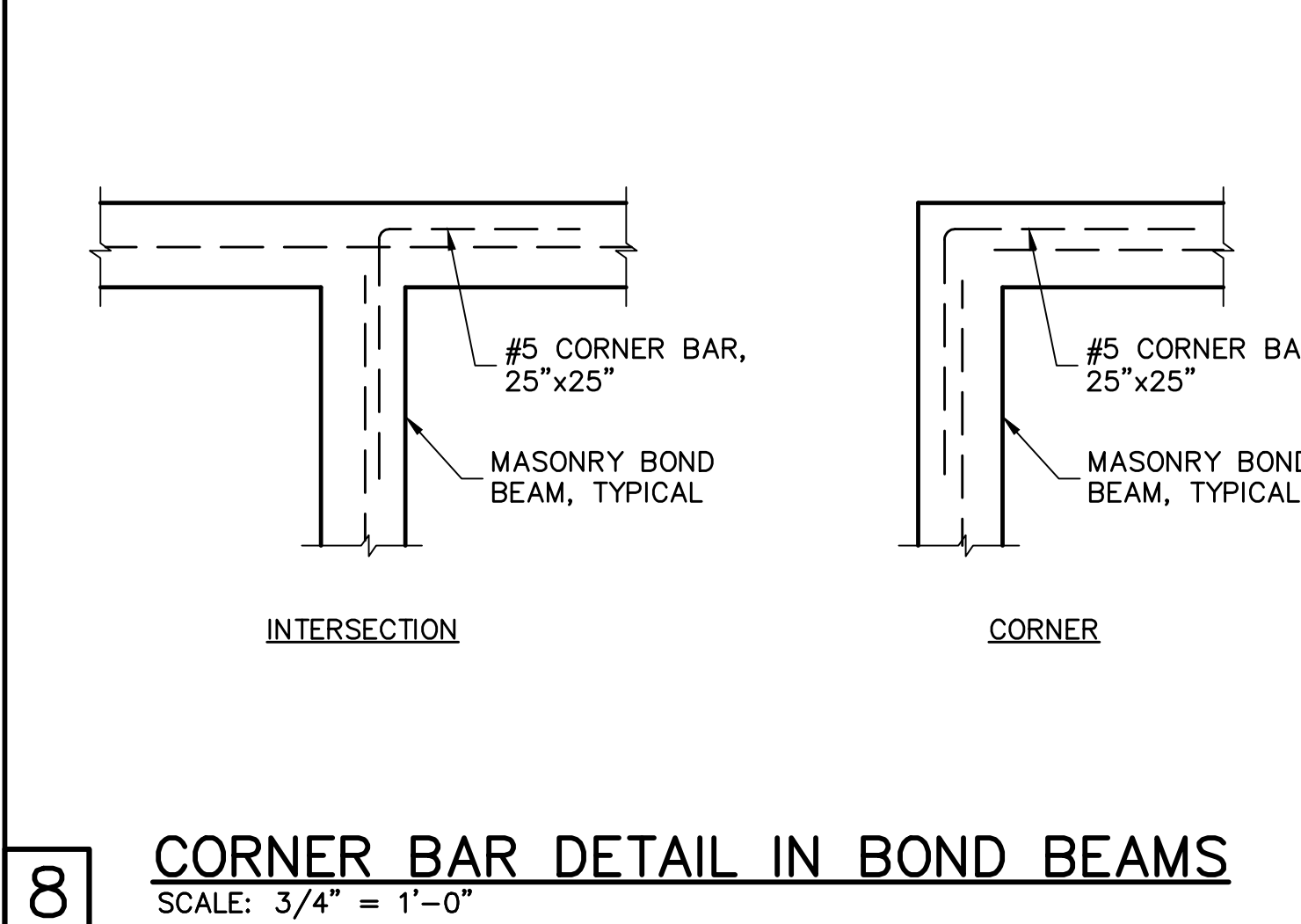
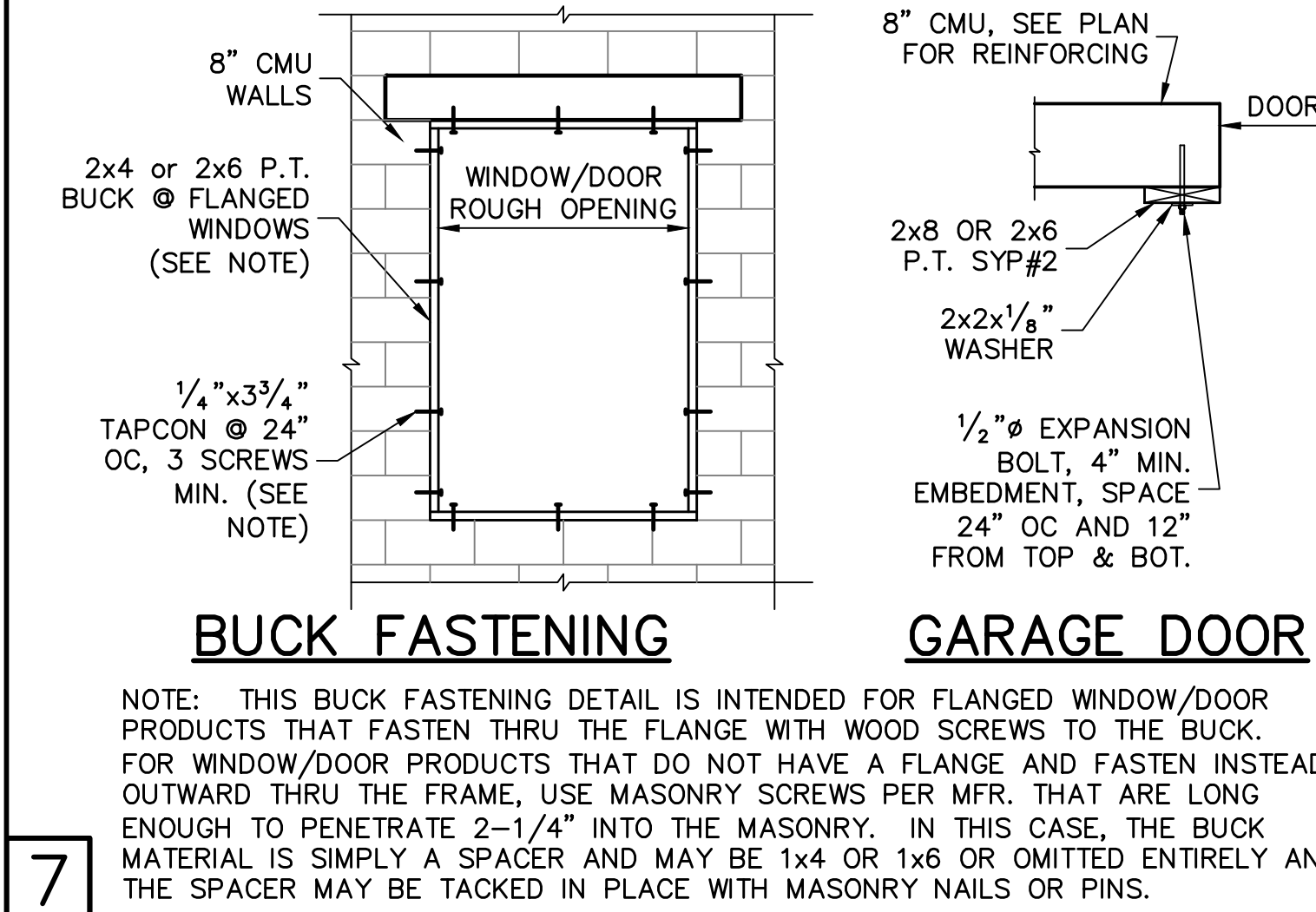
7. DIMENSIONS: VERIFY ALL DIMENSIONS WITH HOUSE PLANS. SEE HOUSE PLANS, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR EMBEDS, OPENINGS, SLEEVES, ETC. WHICH ARE NOT SHOWN ON STRUCTURAL DRAWINGS.

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.



FOOTING CORNER BARS
SCALE: NTS

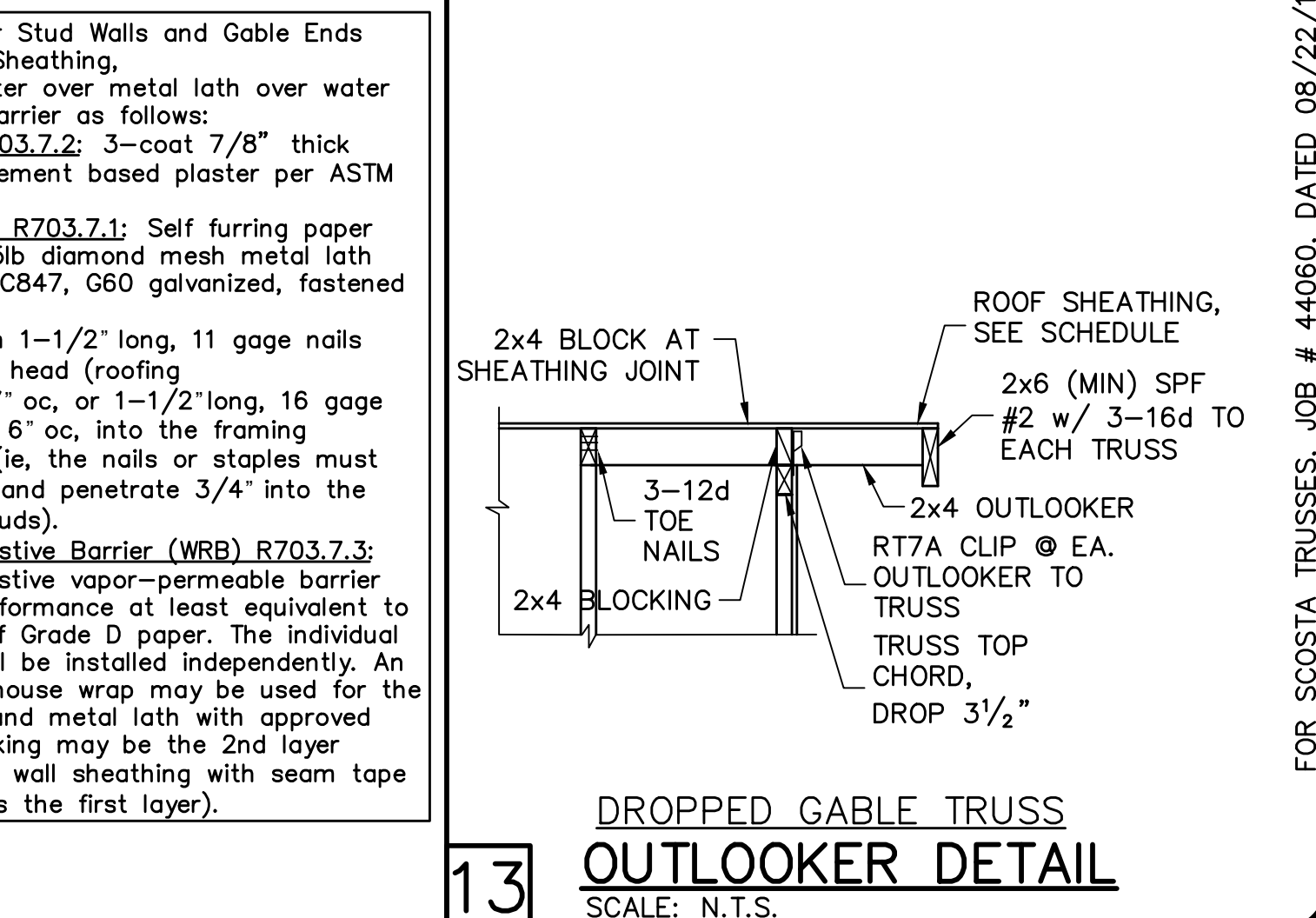
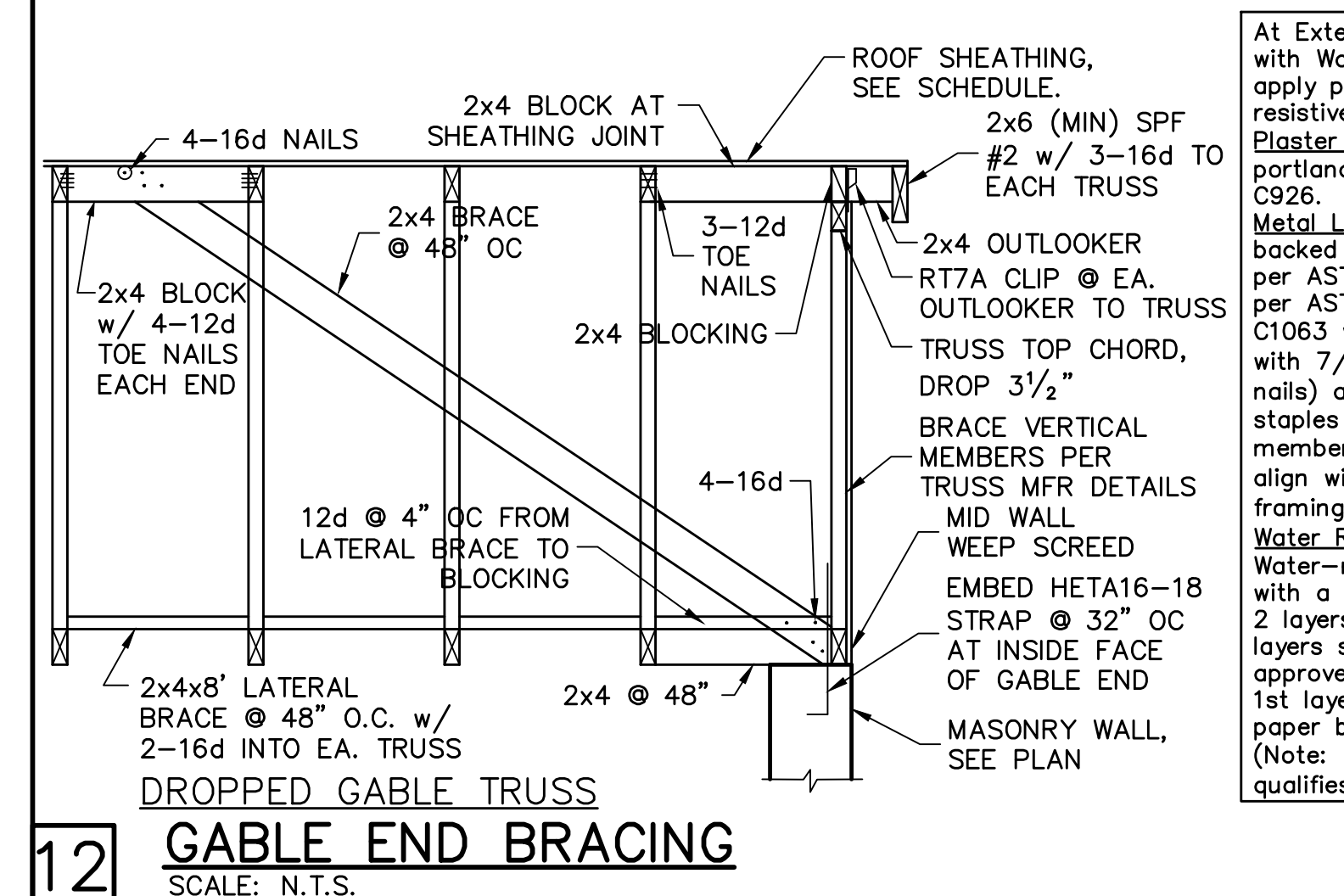
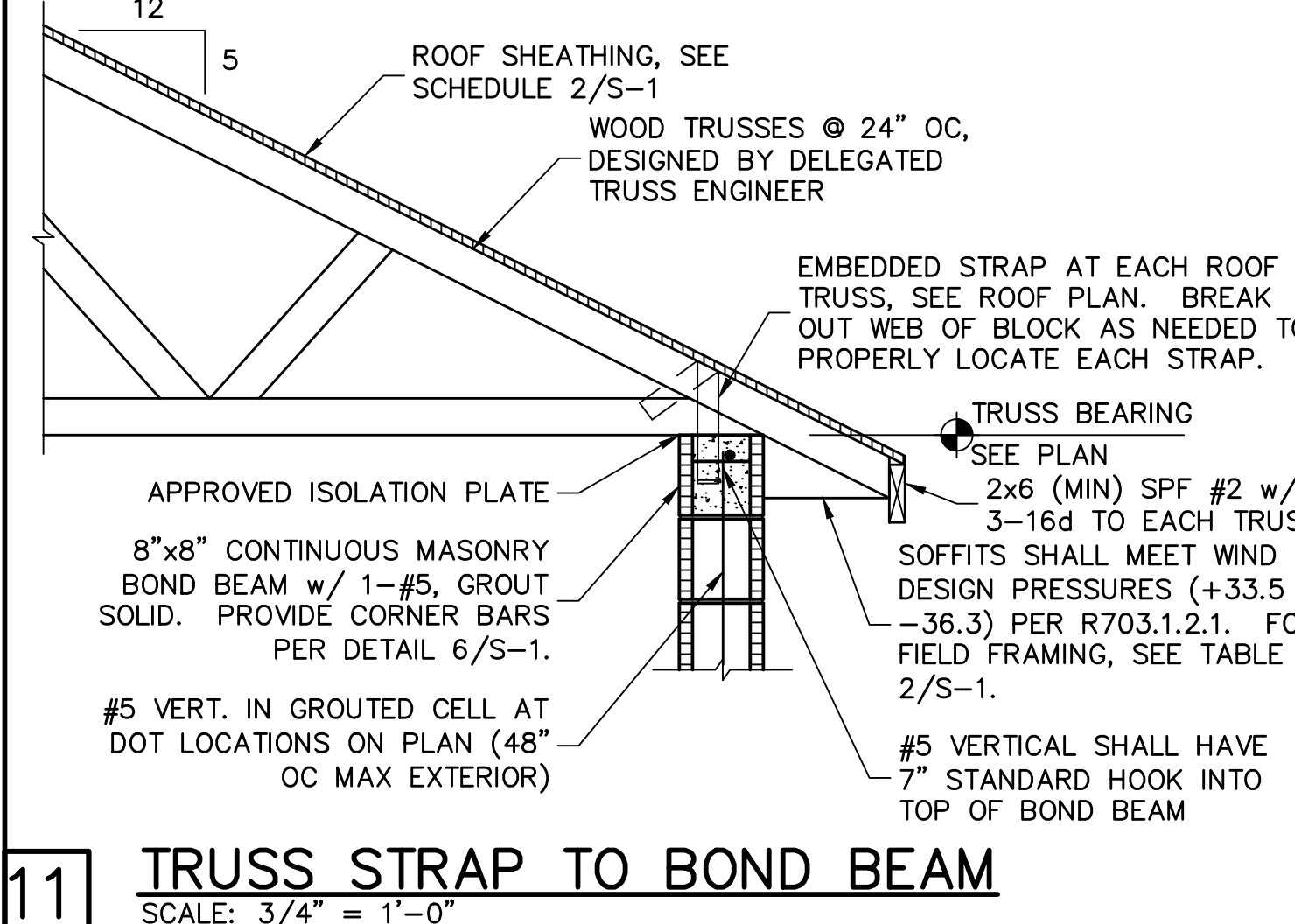


BOND BEAM REINFORCING DETAIL
SCALE: 3/4" = 1'-0"

10 **RETROFIT STRAPS TO CONCRETE/MASONRY**

TRUSS UPLIFT (LBS) @ 24" OC	CONNECTOR
TO 1145	1-HTWM16 or 20
TO 1145	1-HTWM16 or 20
TO 2290	2-HTWM16 or 20
TO 4520	2-LUGT2
TO 3610	HTT16
TO 9790	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 USP. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH USP PRINTED INSTRUCTIONS.
3) CONCRETE SCREW SHALL BE WEDGE-BOLT+, TITEN, TAPCON OR EQUIVALENT.



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

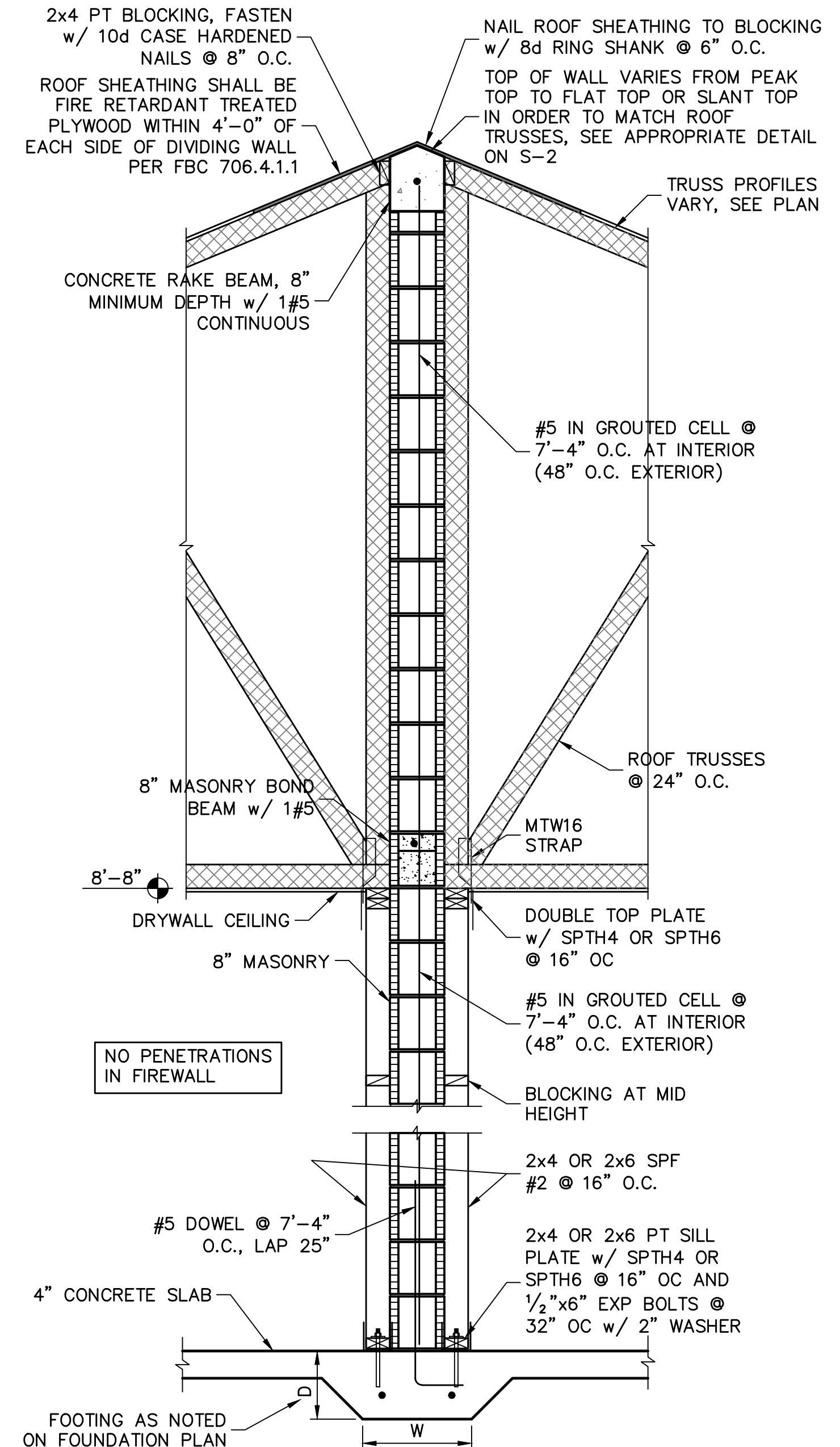
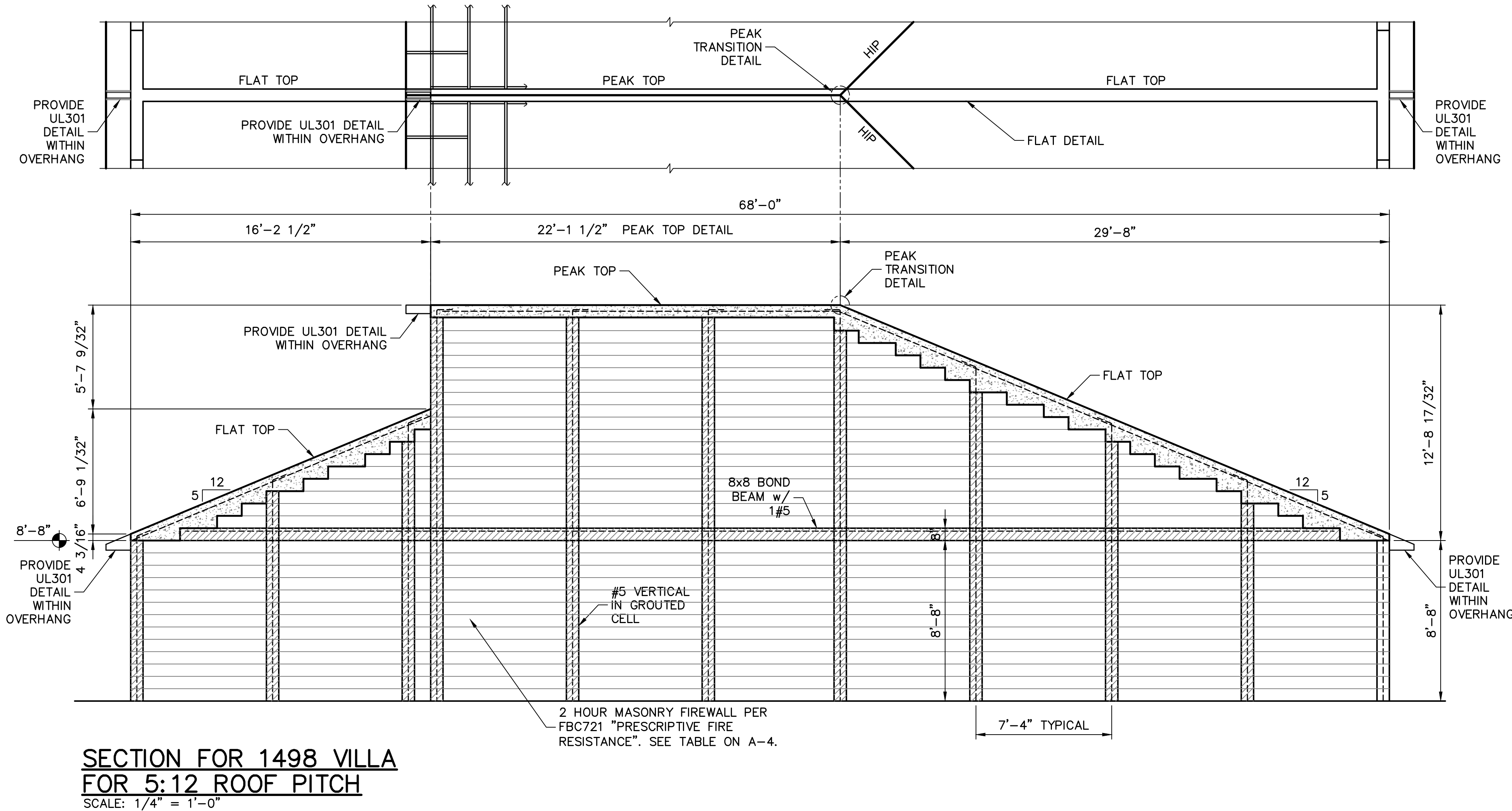
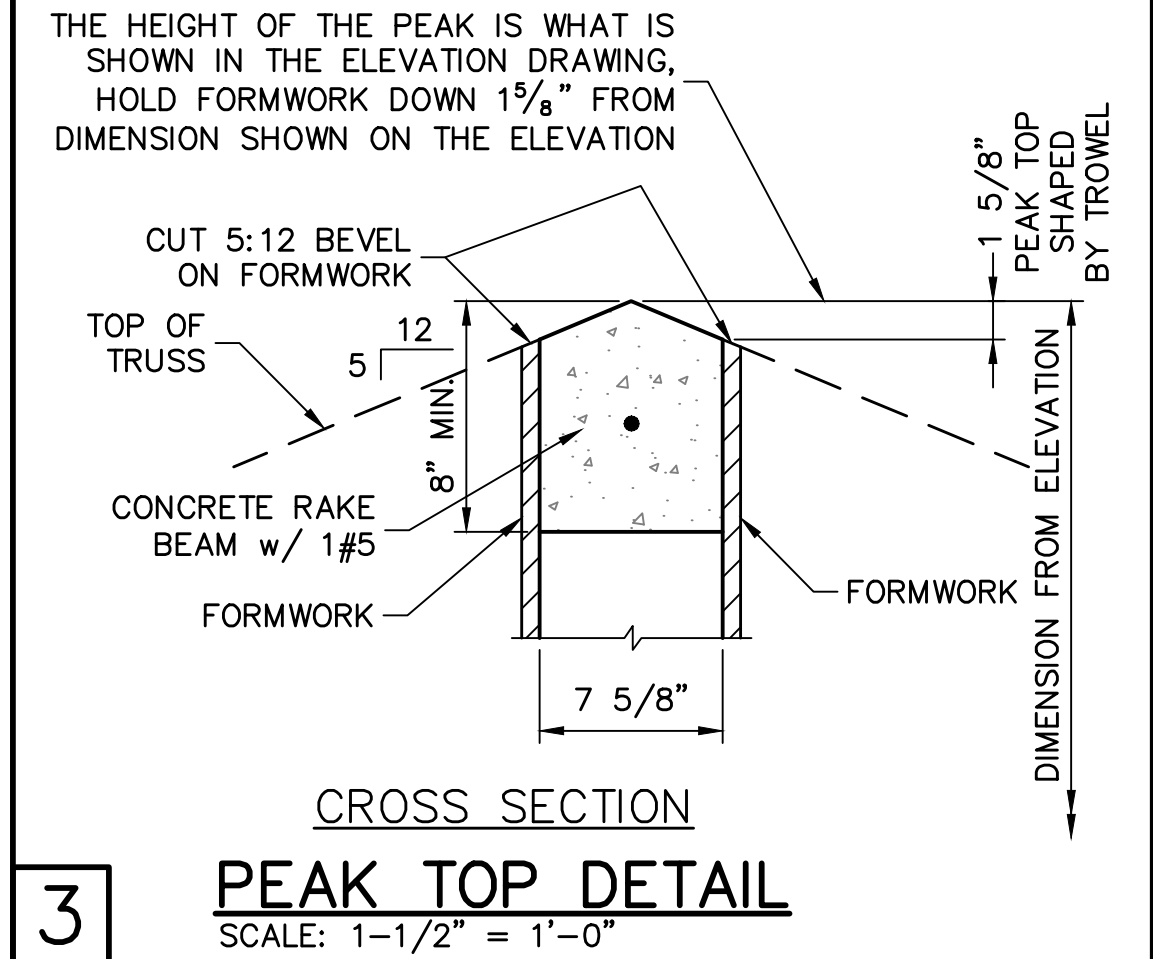
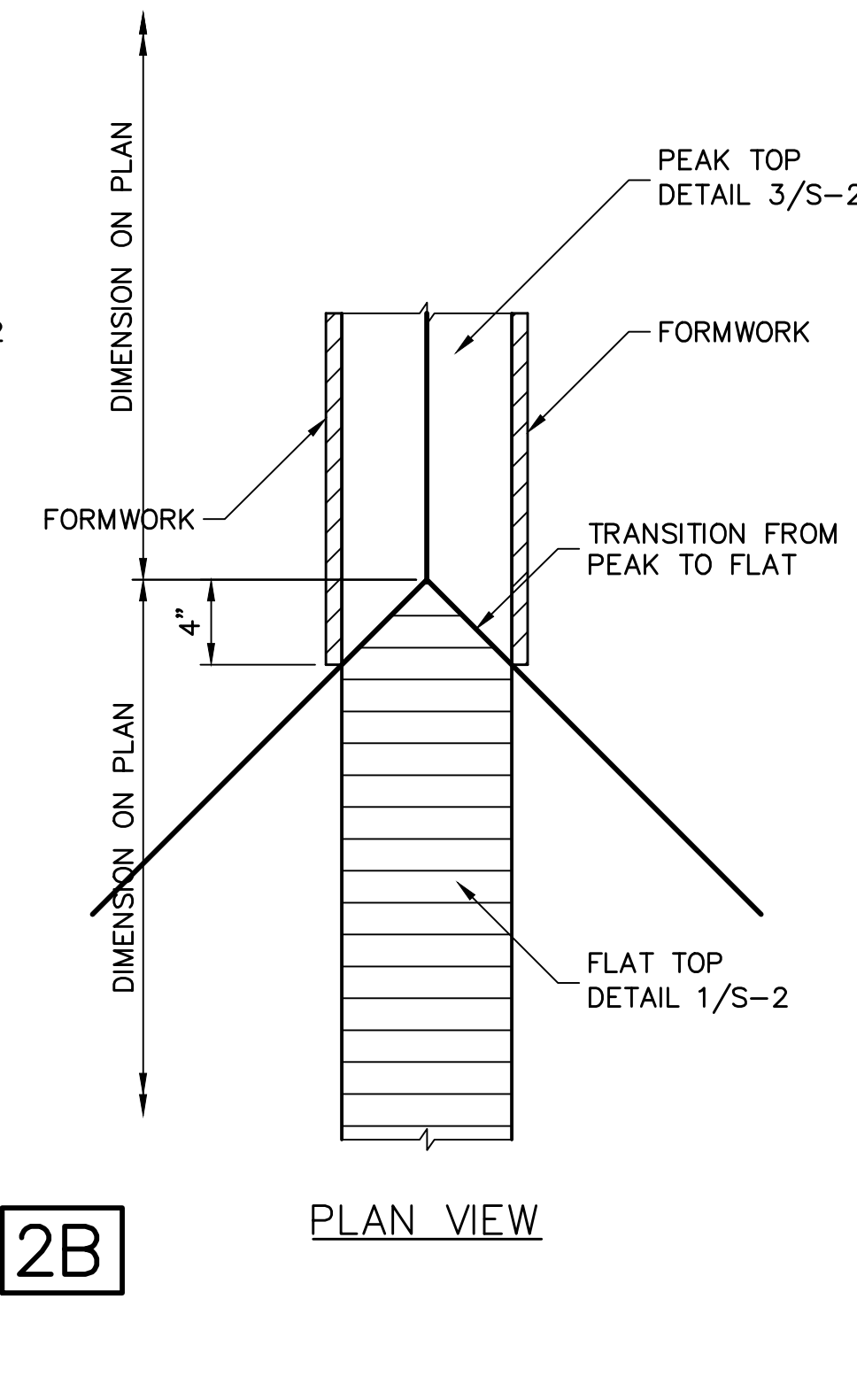
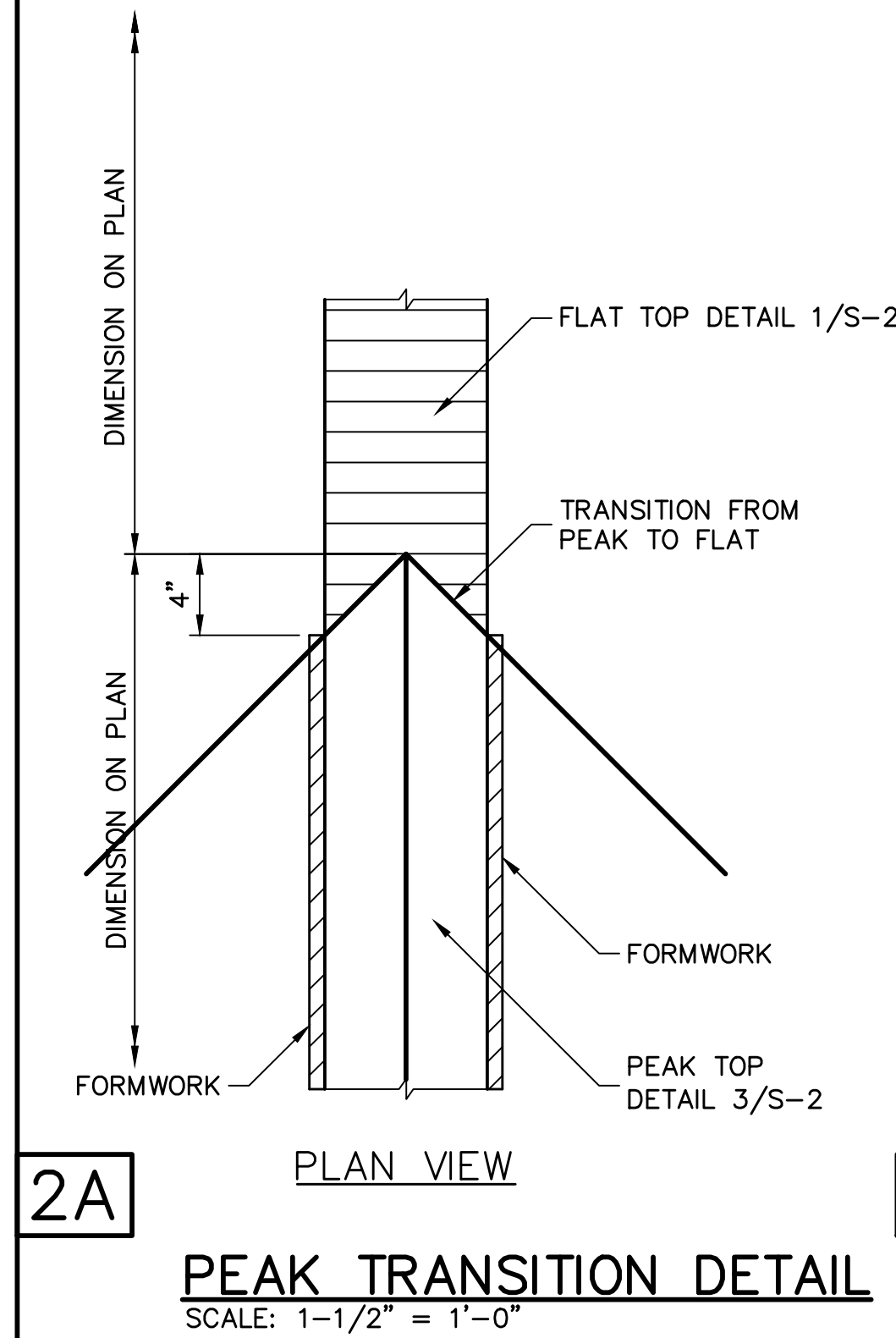
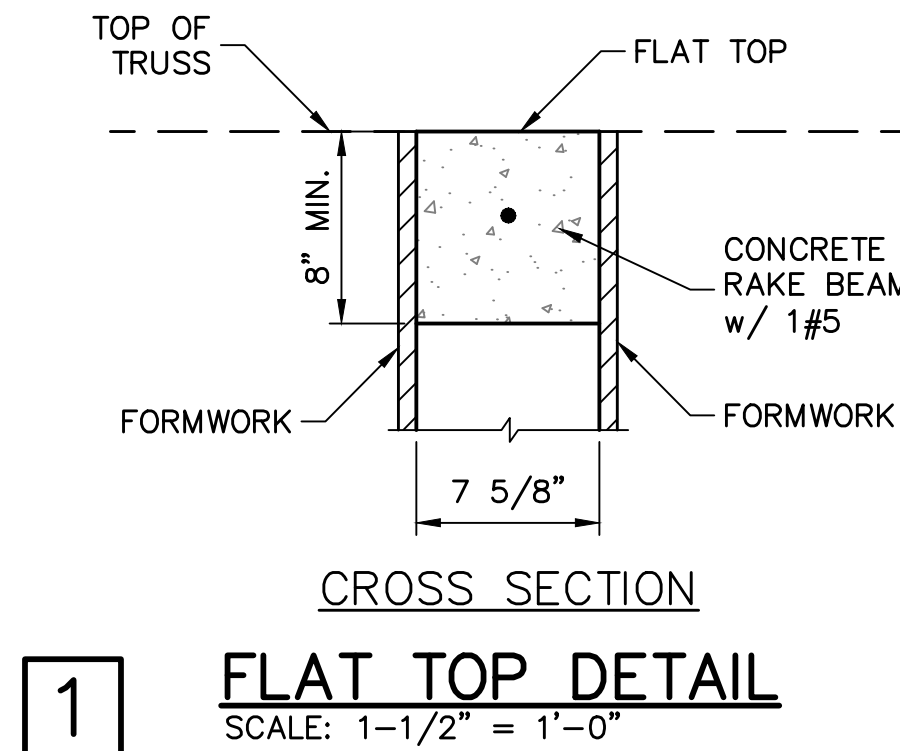
DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 6th EDITION (2017) RESIDENTIAL

BUILDER:
D.R. HOHON
America's Builder

STRUCTURAL DETAILS FOR 1498 SIGNATURE VILLA
7104, 7112 CRYSTAL WAY
PORT CHARLOTTE, FLORIDA
LOTS: 374-375 SUBDIVISION: WATERFORD

DESIGN/DRAWN DWB/DWB
CHECKED DWB
DATE 08/30/19
SCALE AS NOTED
JOB NO. DR11055
SHEET

S-1
SHEET 1 OF 2



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SHEET

S-2
SHEET 2 OF 2

FOR SCOSTA TRUSSES, JOB # 44060, DATED 08/22/17, REVISED: 08/22/19