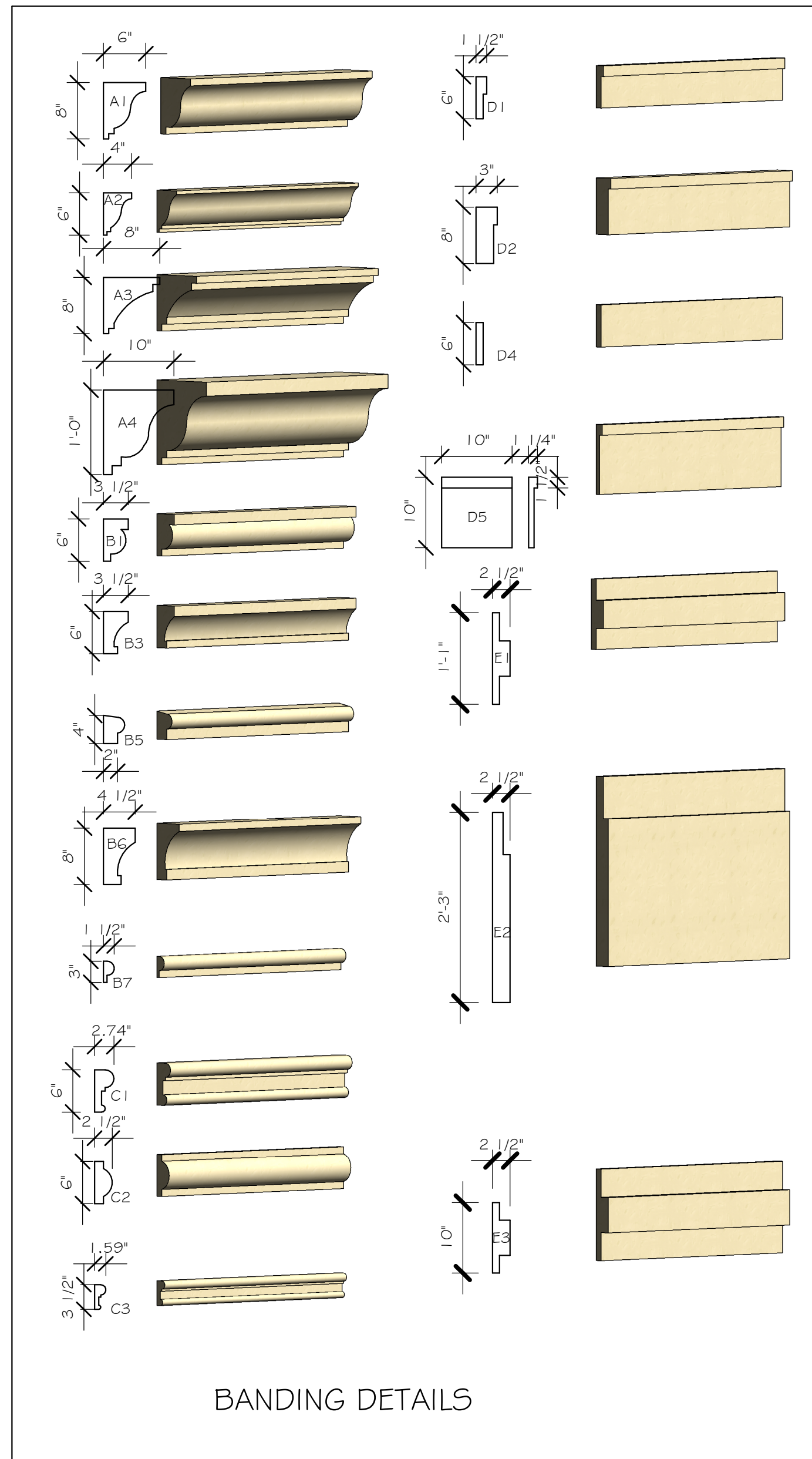
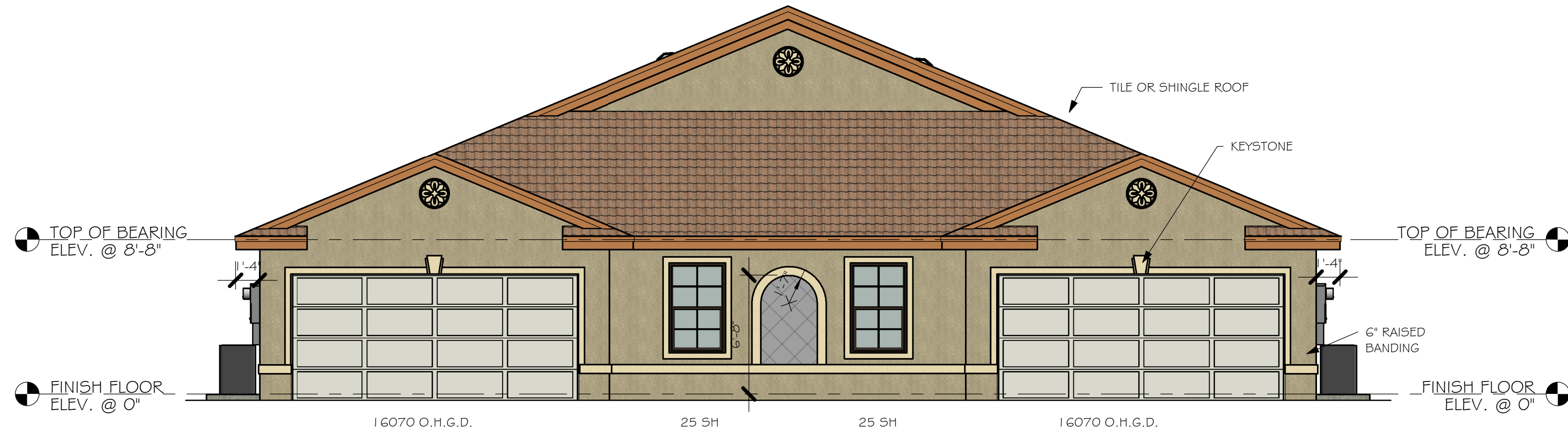
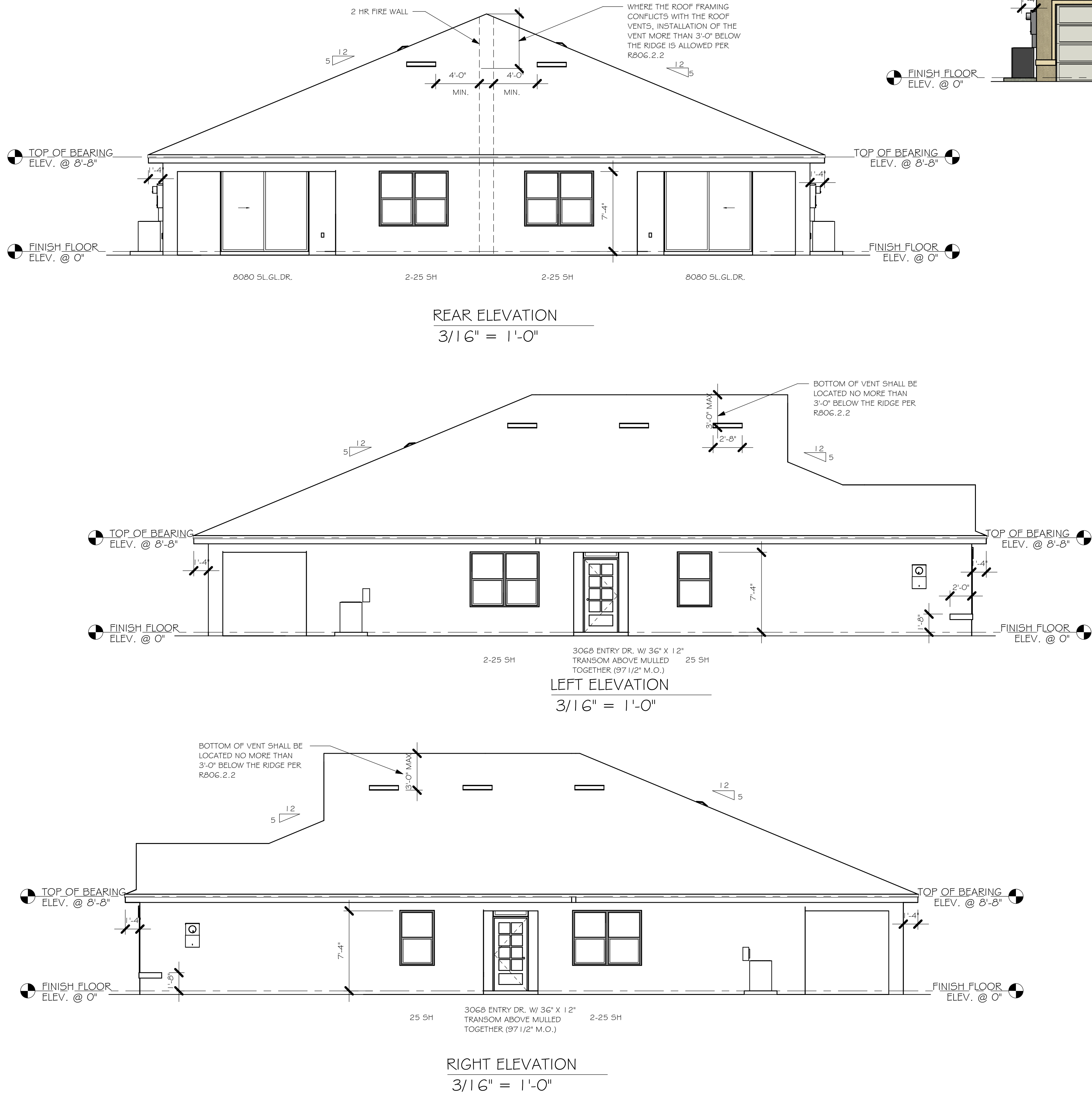
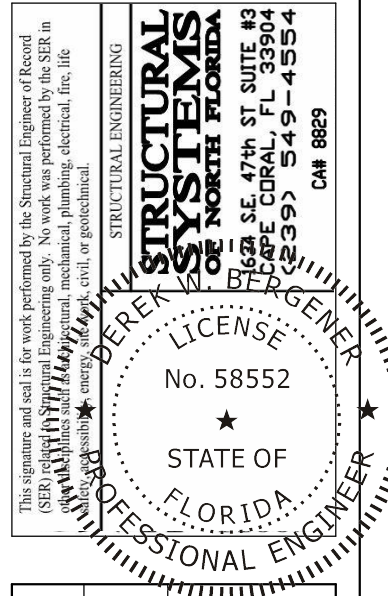


L:\O-New Data\1-MASTER 2019\2019-BUILDERS\DK HORTON
2019\5\BID\DIVISIONS\WATERFORD II TV\5\11378 LOT 322-323 1498 EREV\WATERFORD II
TVs 322-323 PERMIT.rvt



This is a multi-page document.
I performed structural
engineering only on those
pages which contain my seal,
Derek Bergener, and company
name Structural Systems.

This term has been digitally signed by Derek Bergener on the date adjacent
to the seal. Printed copies of this document are not considered signed and
sealed and the signature must be verified on any electronic copies.



LOT: 322-323
SUBDIVISION: WATERFORD II TV/s
ADDRESS: 25080-25088 EAST LENOX CIR
D.R.H. #: 579170111-112

MODEL 1498
VILLA E

GCD JOB # 11378

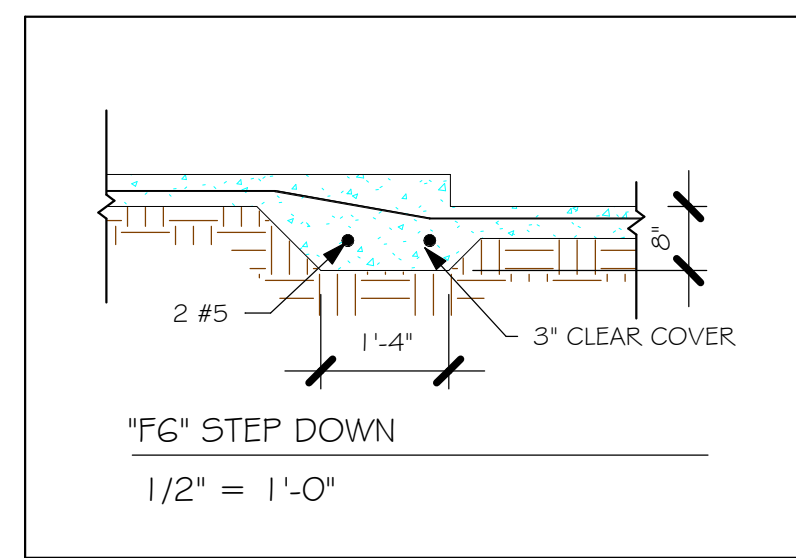
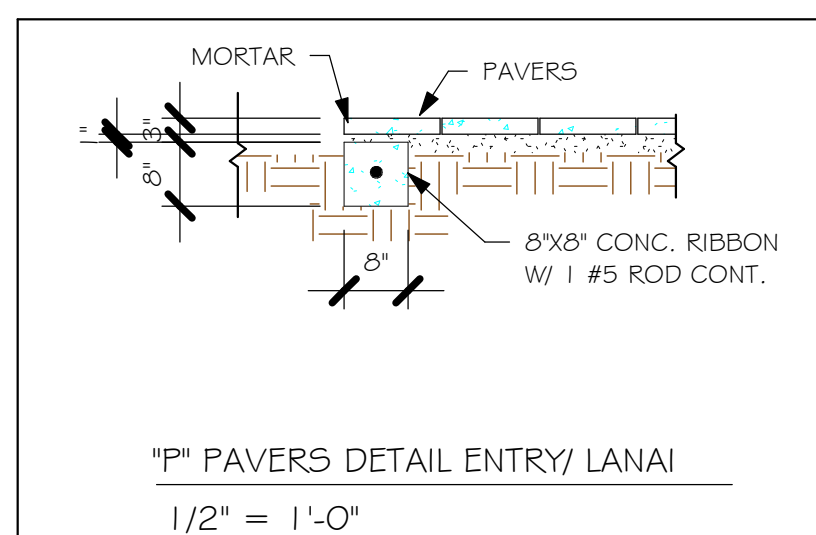
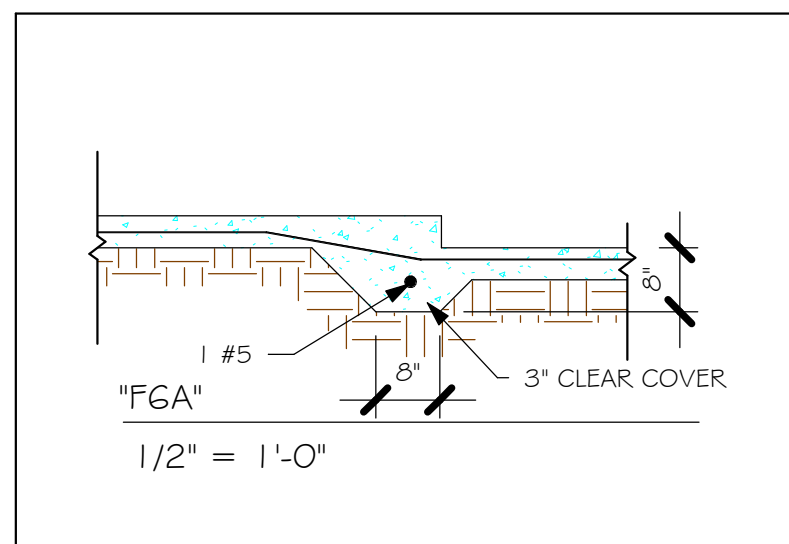
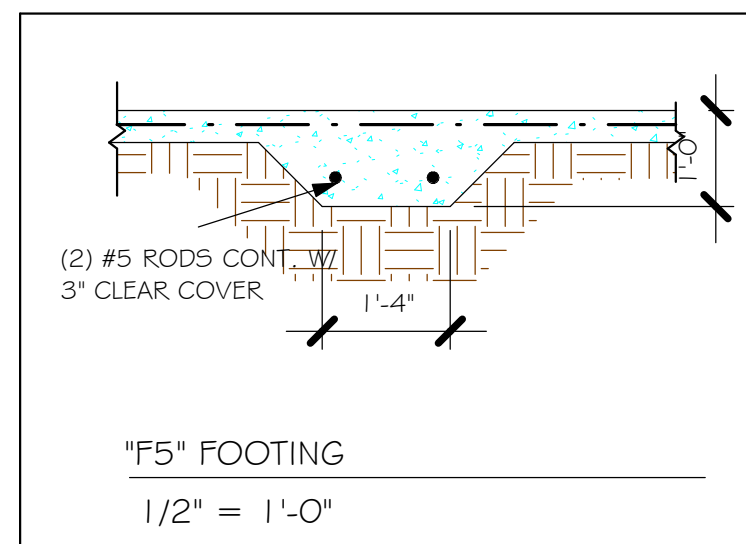
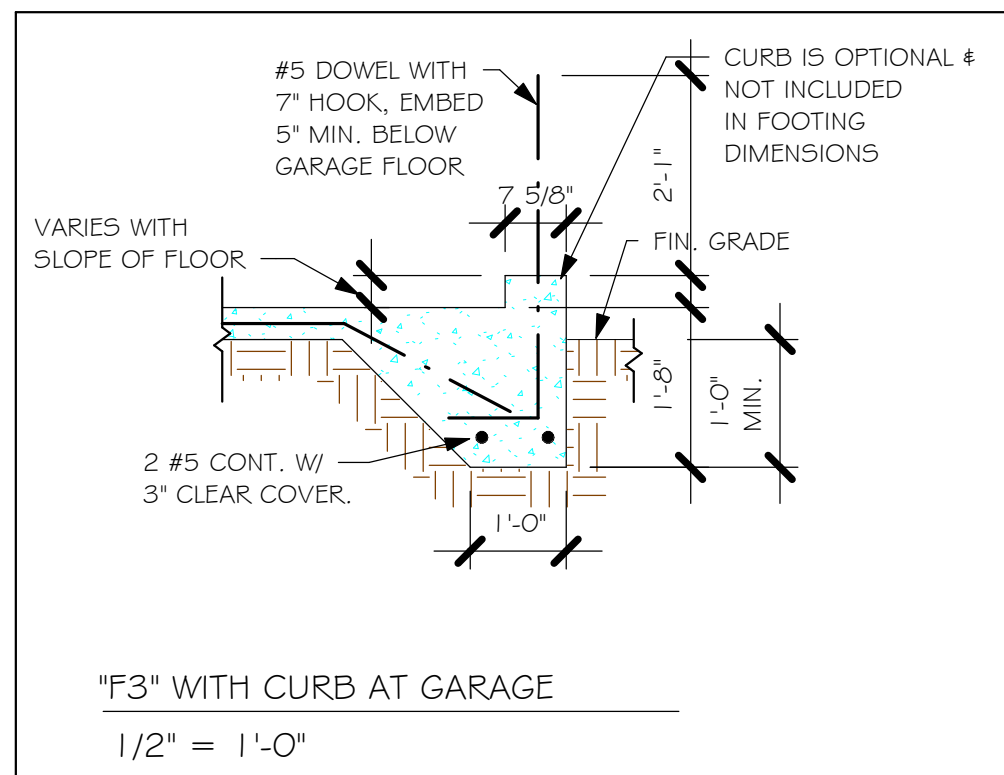
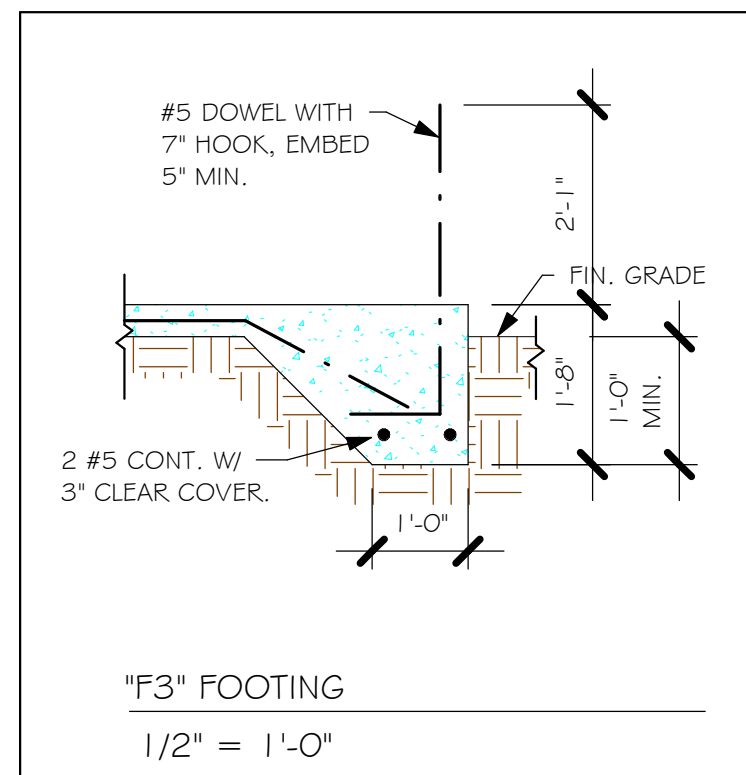
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DRAWN BY: JSL
CHECKED BY: JWC
REVISED:
PLAN: ELEVATION
SCALE: As indicated

A-1









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

D.R.HORTON
NYSE
America's Builder

Gulf Coast
Drafting & Design, Inc.
EMAIL: PLANS@GULFCOASTDRAFTING.COM
PHONE: 239-540-8222
1515 SE 47th ST. CAPE CORAL, FL 33904



PAD FOOTING SCHEDULE							
USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINF.		REMARKS
					LONG WAY	SHORT WAY	
<input checked="" type="checkbox"/>	A	2'-6"	2'-6"	1'-0"	3-#5	3-#5	-
<input checked="" type="checkbox"/>	B	3'-0"	3'-0"	1'-0"	4-#5	4-#5	-
<input checked="" type="checkbox"/>	C	3'-6"	3'-6"	1'-0"	4-#5	4-#5	-
<input checked="" type="checkbox"/>	D	4'-0"	4'-0"	1'-2"	5-#5	5-#5	-
<input checked="" type="checkbox"/>	E	5'-0"	5'-0"	1'-2"	6-#5	6-#5	-

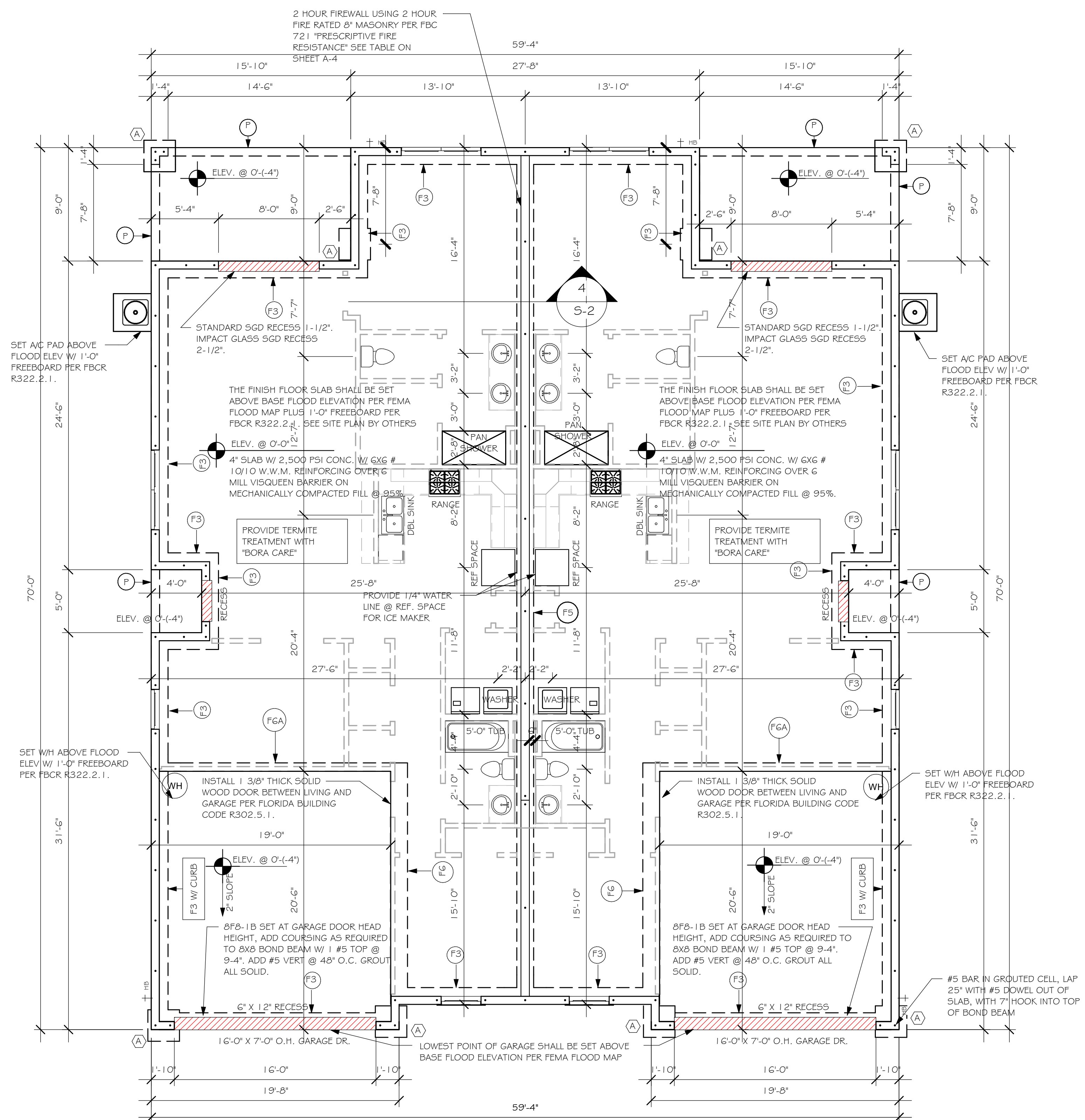
WALL FOOTING SCHEDULE						
USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINFORCING	SHAPE
	F1	CONT.	1'-4"	0'-8"	2 #5	
	F2	CONT.	1'-8"	0'-10"	2 #5	
X	F3	CONT.	1'-0"	1'-8"	2 #5	
X	F4	CONT.	1'-4"	1'-8"	2 #5	
X	F5	CONT.	1'-4"	1'-0"	2 #5	
X	F6	CONT.	1'-4"	1'-0"	2 #5	
	F6A	CONT.	0'-8"	0'-8"	1 #5	
	T	CONT.	0'-8"	0'-8"	1 #5	

FOUNDATION PLAN

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

PLAN NOTES:

1. TOP OF GROUND FLOOR SLAB DATUM ELEVATION 0'-0"
2. "FF" DENOTES CONTINUOUS WALL FOOTING TYPE PER SCHEDULE THIS SHEET.
3. "F#" DENOTES PAD FOOTING AT CONCENTRATED LOADS PER SCHEDULE THIS SHEET.
4. PROVIDE #6 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 7/5-1.



FOUNDATION PLAN

$$\overline{3/16'' = 1'-0''}$$

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

L:\O-New Data\1 - MASTER 2019\2019-BUILDERS\DR HORTON
2019\5\BIDDING\DIVISIONS\WATERFORD II TV\5\11378 LOT 322-323
TVs 322-323 PERMIT.rvt

DOOR SCHEDULE

TYPE MARK	DESCRIPTION	MANUFACTURER	HEIGHT	WIDTH	ZONE 4	ZONE 5	QTY
-----------	-------------	--------------	--------	-------	--------	--------	-----

1	16070 OHGD	GARAGE DOOR	7'-0"	16'-0"	+28.2/-31.5	+28.2/-31.5	2
2	2-4080 SL. GL. DR.	DISTINCTION	8'-0"	8'-0"	+29.4/-33.3	+29.4/-33.3	2
3	3068 ENTRY	DISTINCTION	6'-8"	3'-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

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	4
B	2-25 SH		5'-3"	6'-4"	+33.5/-36.3	+33.5/-44.8	4
C	36" X 12" TRANSOM		1'-0"	3'-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 THEN 1/2" GYPSUM BOARD APPLIED TO THE GARAGE SIDE. GARAGES BENEATH HABITABLE ROOMS SHALL BE SEPARATED WITH NOT LESS THAN 5/8" TYPE "X" GYPSUM BOARD OR EQUIVALENT. WHERE THE SEPARATION IS A FLOOR - CEILING ASSEMBLY, THE STRUCTURE SUPPORTING THE SEPARATION SHALL ALSO BE PROTECTED BY NOT LESS THAN 1/2" GYPSOM BOARD OR EQUIVALENT
- INSTALL 1 3/8" THICK SOLID WOOD DOOR BETWEEN LIVING AND GARAGE PER FLORIDA BUILDING CODE R302.1.5.
- ALL WINDOWS INSTALLED 72" ABOVE GRADE MUST COMPLY WITH R6 I 2.2 MIN 24" SILL HEIGHT OR PROVIDED WITH AN APPROVED WINDOW FALL PRVENTION 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.

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

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"	
4	2'-4"	B.P. = BI-PASS DOOR
5	2'-0"	
6	1'-8"	L.V. = LOUVERED DOOR
7	1'-6"	
8	2'-1 1/4"	

SQUARE FOOTAGE UNIT #1

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

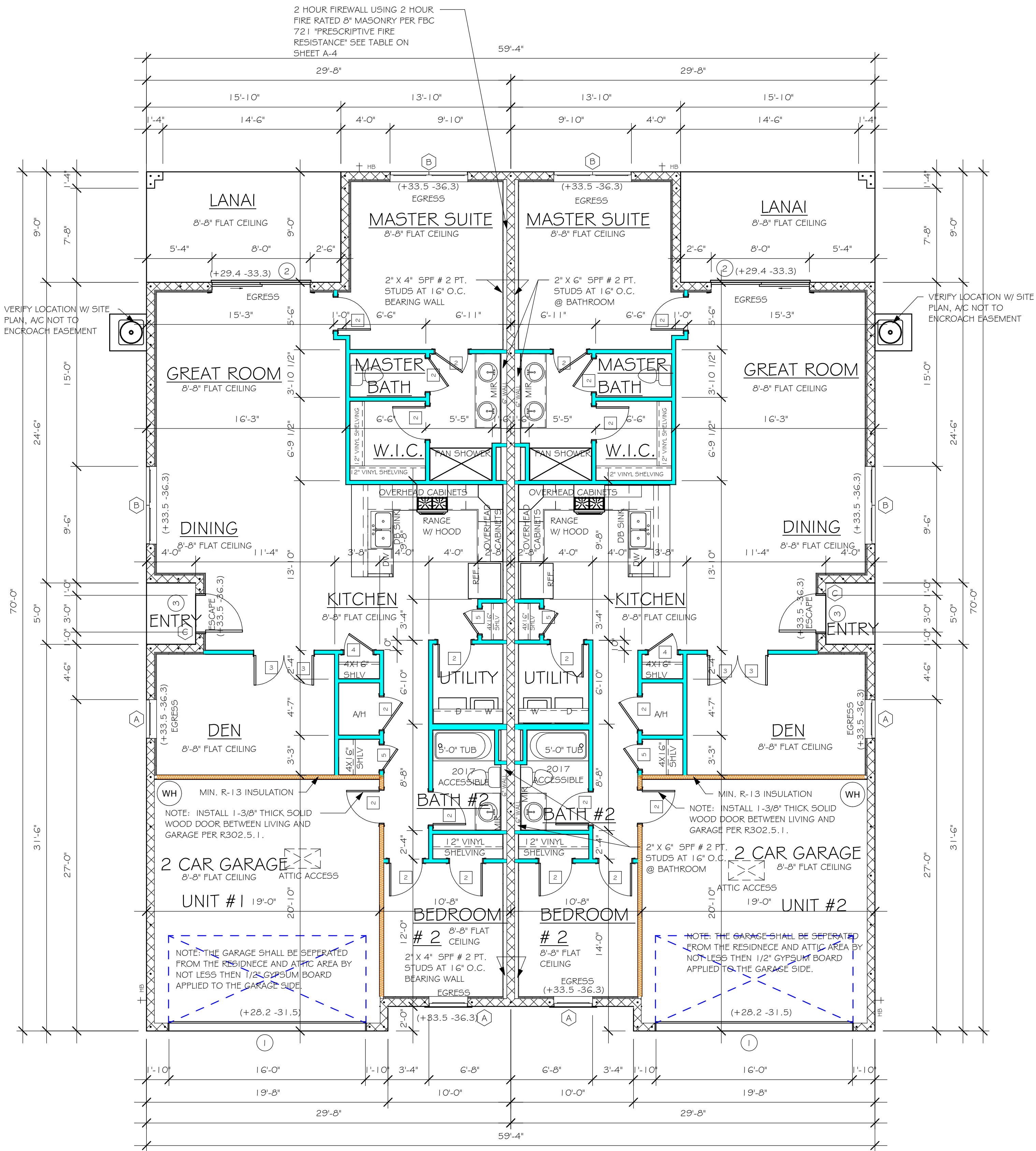
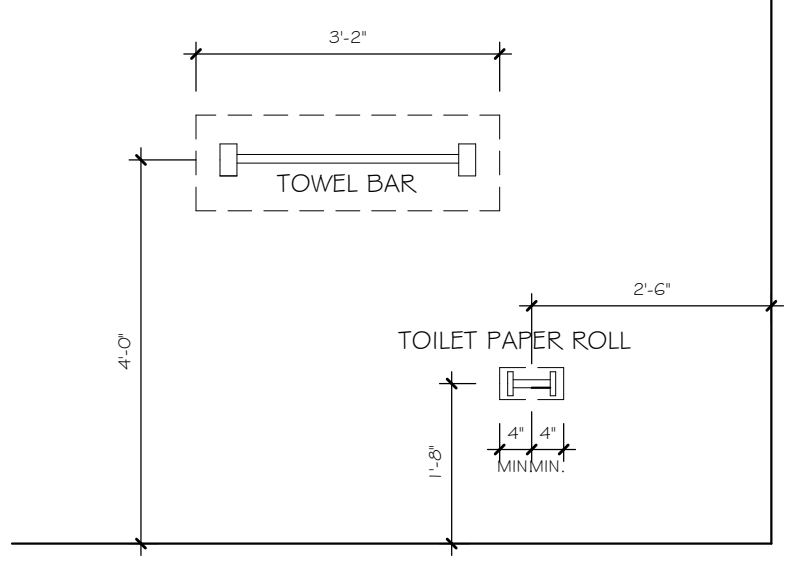
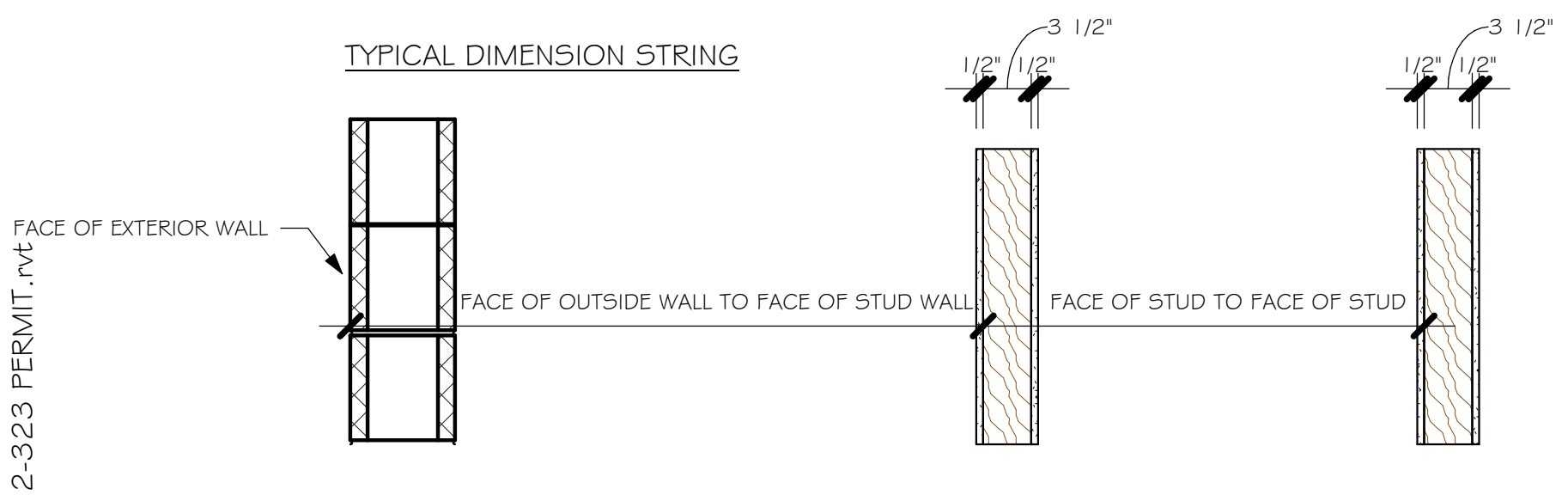
SQUARE FOOTAGE UNIT #2

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

TYPICAL DIMENSION STRING



FLOOR PLAN

3/16" = 1'-0"

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

D-R-HORTON
America's Builder

Gulf Coast
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1515 SE 47th ST. CAPE CORAL, FL 33904

STRUCTURAL
SYSTEMS
OF NORTH FLORIDA
INC.
REGISTERED PROFESSIONAL ENGINEER
No. 58552
STATE OF FLORIDA
PROFESSIONAL ENGINEER

LOT: 322-323

SUBDIVISION: WATERFORD II TV's

ADDRESS: 25080-25088 EAST LENOX CIR

D.R.H. #: 579170111-112

MODEL 1498

VILLA E

GCD JOB # 11378

DATE:

12/9/19

DRAWN BY:

JSL

CHECKED BY:

JWC

REVISED:

PLAN:

FLOOR

SCALE:

As indicated

A-3

INSTALL META 1 AT ALL TRUSSES TO 1490 lb UPLIFT. FOR HIGHER UPLIFTS, SEE NOTES ON PLAN.	TRUSS STRAPPING TO MASONRY		
	MAX TRUSS UPLIFT @ 24" CD (LB)	CONNECTOR	FASTENER
	▶ 1490	(1) META 16 TO 40	9-10dx1-5", EMBED 4"
	1810	(1) META 16 TO 40	10-10dx1-5", EMBED 4"
	2235	(2) META 16 TO 40	12-10dx1-5", EMBED 4"
	1985 (1 PLY)	(2) META 12 TO 40	12-10dx1-5", EMBED 4"
	1900 (2 PLY)	(2) META 12 TO 40	14-16d, EMBED 4"
	2500 (2 PLY)	(2) META 12 TO 40	14-16d, EMBED 4"
	2500 (2PLY)	(2) META 12 TO 22	14-16d, EMBED 4"


- NOTES:
1. PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE AND SUITABLE FOR THE GEOMETRY. EMBED STRAP ON -C OF WALL.
 2. CONNECTORS ARE SIMPSON STRUCTURAL CONNECTORS. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS. SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE ENGINEER OF RECORD.
 3. WHERE EMBEDDED STRAPS ARE MISSING, OR MIS-LOCATED, INSTALL RETROFIT STRAP PER 105-3.

INSTALL AT ALL TRUSSES TO 840 LB UPLIFT. FOR HIGHER UPLIFTS, SEE NOTES ON PLAN.	TRUSS STRAPPING TO STUDWALL/ WOOD BEAM		
	MAX TRUSS UPLIFT @ 2'4" OC (LBS)	CONNECTOR	FASTENER
	840	(1) MT512 TO 20	1-4-10dx1-5"
	1680	(2) NT512 TO 20	1-4-10dx1-5"
	2520	(3) MT512 TO 20	1-4-10dx1-8"
	1450	(1) HT520 TO 30	2-4-10dx1-8"
	2900	(2) HT520 TO 30	2-4-10dx1-8"
	4350	(3) HT520 TO 30	2-4-10dx1-8"
	5800	(4) HT520 TO 30	2-4-10dx1-8"

- 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

REV2

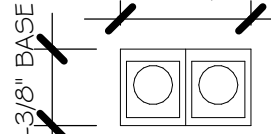
BEARING HEIGHT

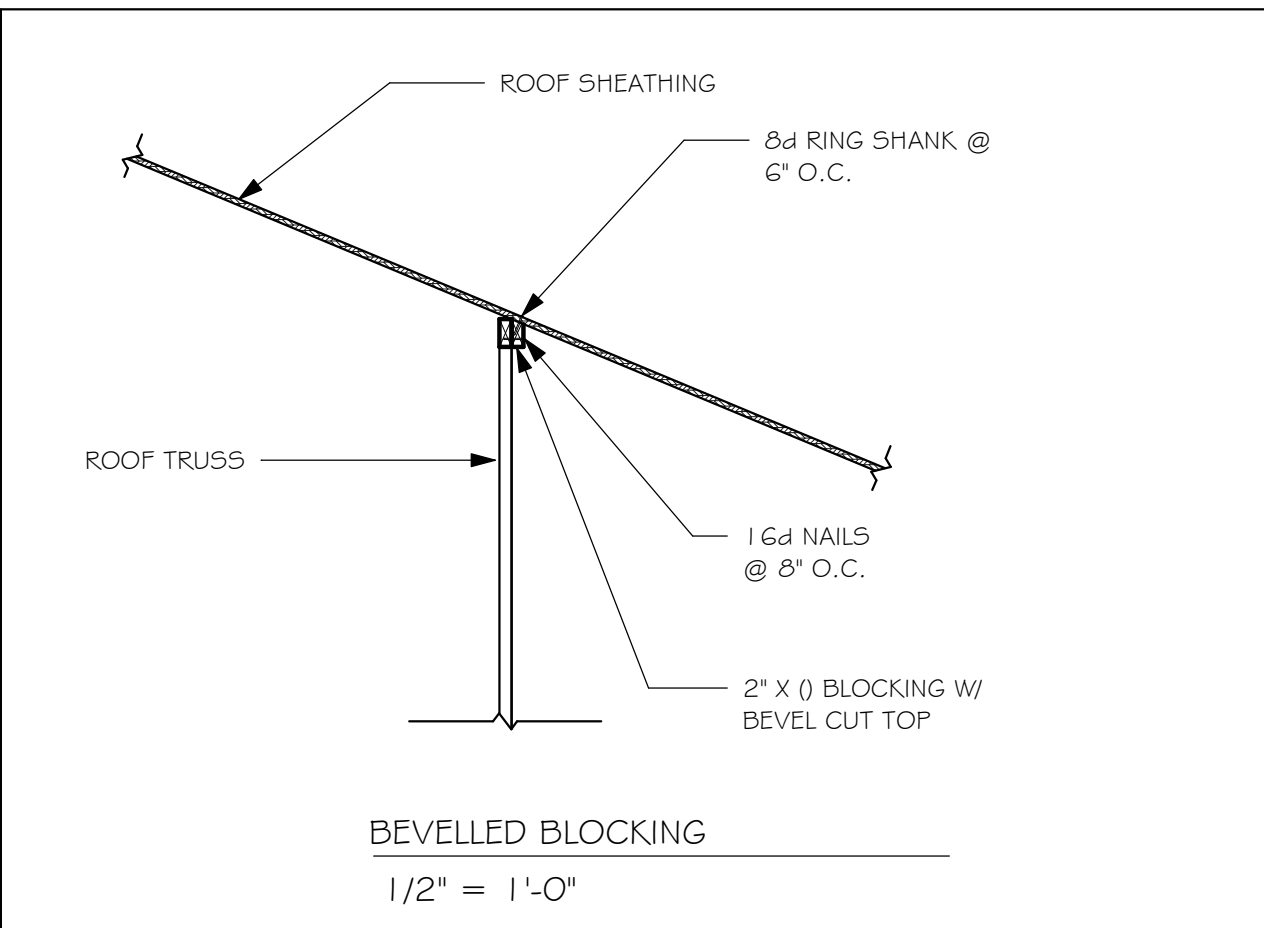
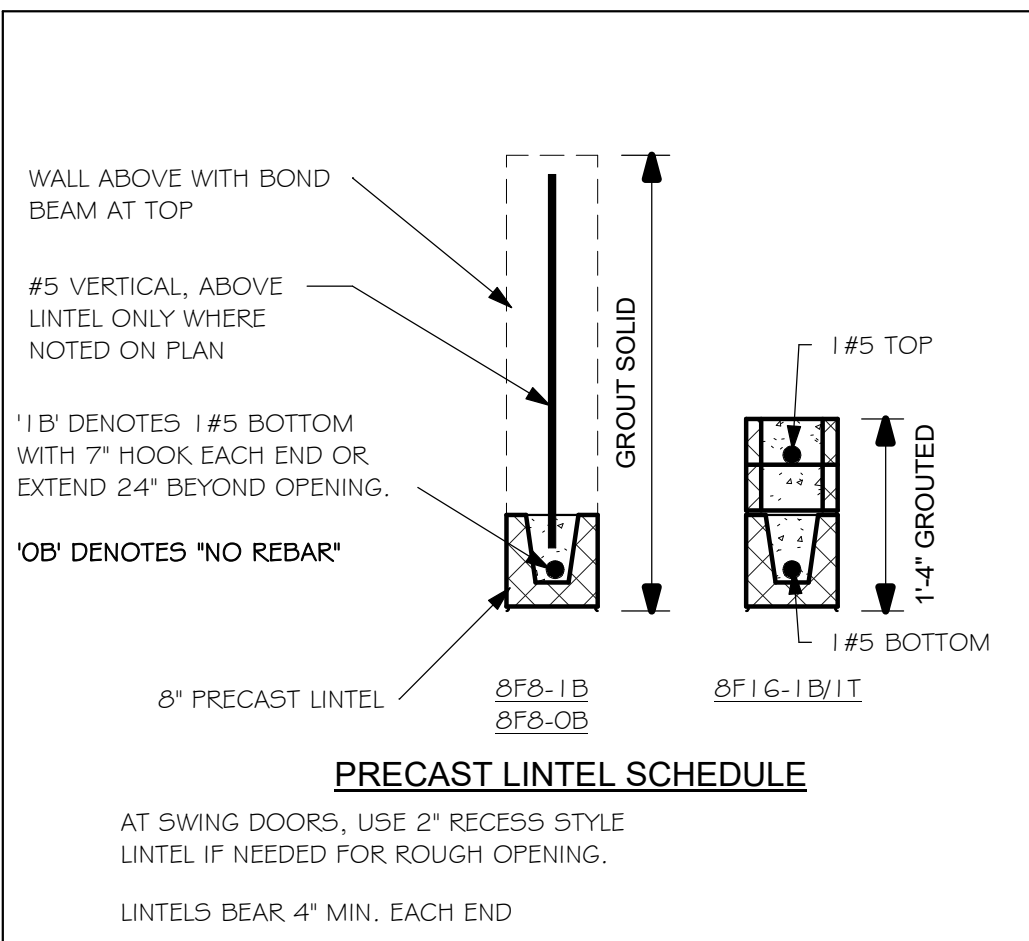
 = BEARING @ 8'-8"

TRUSS BEARING CONDITIONS AND STRAPPING
BASED ON TRUSS LAYOUT PREPARED BY
SCOSTA JOB# 44060 DATED: 08/27/17
REVISED: 12/03/19

MODEL 1498: ATTIC VENTILATION FBCR R806

COORDINATE VENTING REQUIREMENTS WITH ENERGY CALCULATIONS

			SOFFIT ONLY (1/1150) (NO ROOF VENTS)		WITH ROOF VENTS (1/300) (R.V.)	
AREAS (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	2183.0 SQ. FT.	148.0 SQ. FT.	9.83%	8.15%	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	

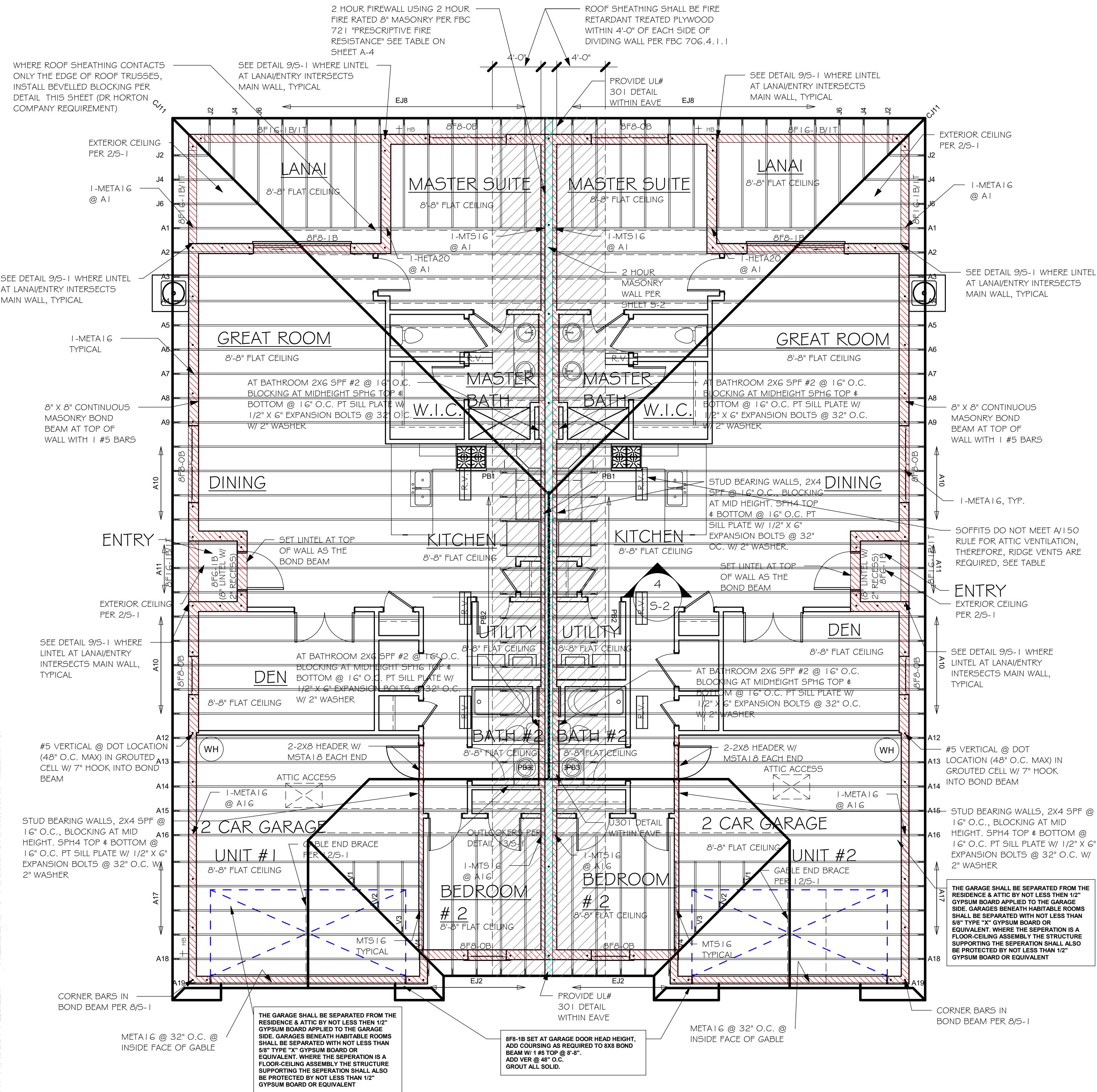


PLAN NOTES:

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 5-I.
3. PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS SHEET.
4. FOR NAILING OF ROOF DECK, SEE 1 AND 2 ON 5-I.
5. 8x8 D-TB, etc., DENOTES PRECAST LINTEL ABOVE DOOR/WINDOW OPENING PER SCHEDULE THIS SHEET. AT TRUSS BEARING, PROVIDE 8x8 MASONRY BOND BEAM W/ #5 CONTINUOUS, SEE DETAIL 11/5-I.

2 HOUR FIREWALL USING 8" MASONRY PER FBC 721 "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"		

L:\Q-New Data\1-MASTER 2019\2019-BUILDERS\DR HORTON
2019\SUBDIVISIONS\WATERFORD II TVS\11378 LOT 322-323
TVs 322-323 PERMIT.rvt



ROOF PLAN

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

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

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ESTABLISHED
NYSE
America's Builder

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Drafting & Design, Inc.
MAIL: PLANS@GULFCOASTDRAFTING.COM

This signature and seal is for work performed by the Structural Engineer of Record (SEOR) related to this project. Engineering only. No work was performed by the SEOR in the areas of structural, mechanical, plumbing, electrical, fire, life safety, or other specialty areas. The responsibility for the design is solely that of the SEOR.

LOT: 322-323

SUBDIVISION: WATERFORD II TVs

ADDRS: 25080-25088 EAST LENOX CIR

MODEL 1498
VILLA E

DATE:

DRAWN BY:

CHECKED BY:

REVISÉ:

PLAN:

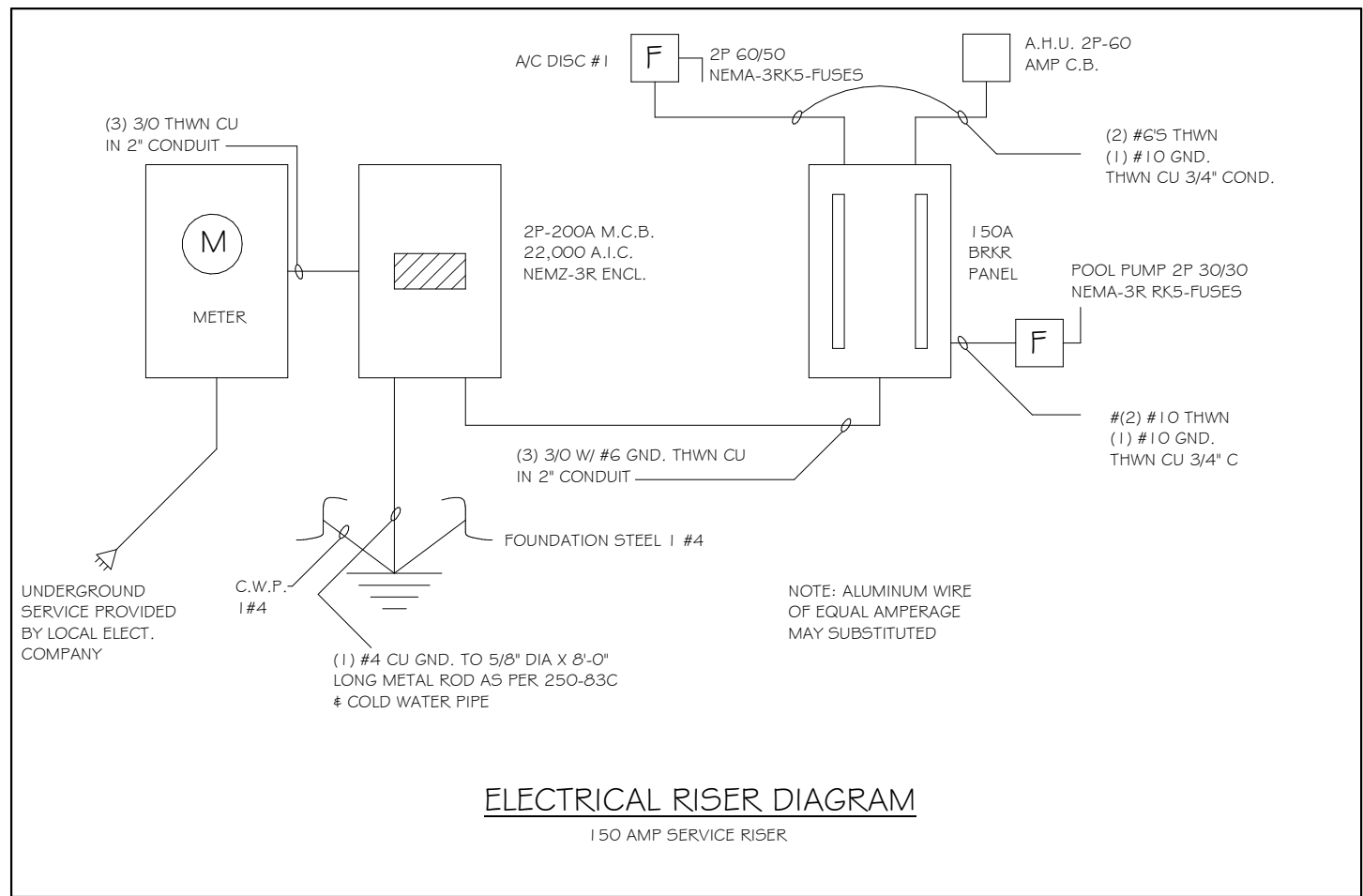
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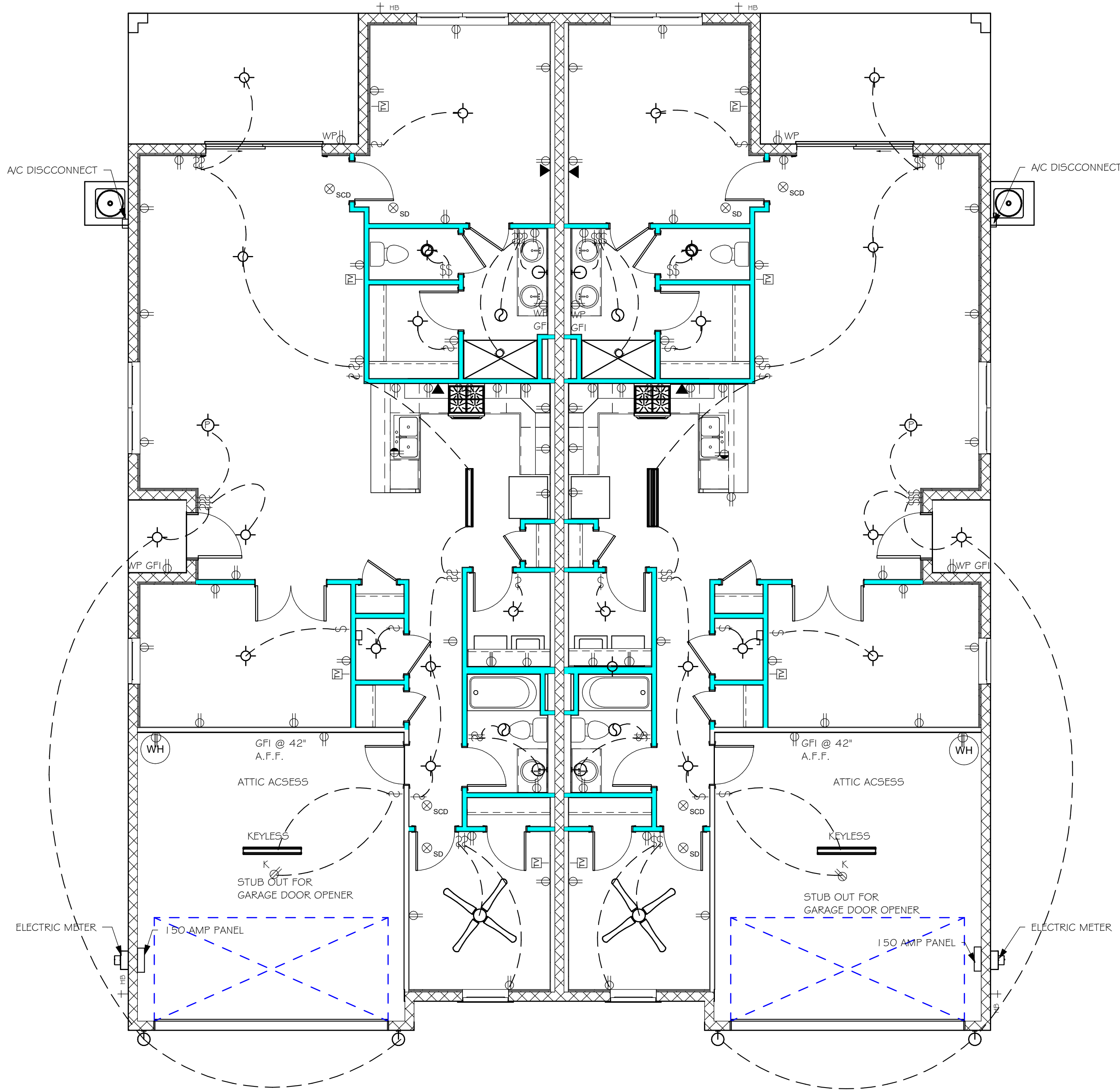
L:\O-New Data\1 -MASTER 2019\2019-BUILDERS\DK HORTON
2019\5\BIDDING\DIVISIONS\WATERFORD II TV\5\11378 LOT 322-323 1498 EREV\WATERFORD II
TVs 322-323 PERMIT.rvt

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
	FLUSH MOUNTED LIGHT
	WALL MTD. BRACKET LIGHT
	DUPLEX FLOOD LIGHT
	EXHAUST FAN
	TRACK MTD. LIGHTS
	AC 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 OT EXCEED (16) SQUARE INCHES IN AREA.
B) AGGREGATE AREA OF OUTLET/SWITCH BOXES SHALL NOT EXCEED (100) SQUARE INCHES WITHIN (100) SUARE 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

L:\O-New Data\1 -MASTER 2019\2019-BUILDERS\DR HORTON
2019\5\BIDDINGS\WATERFORD II TV\5\11378 LOT 322-323
TVs 322-323 PERMIT.rvt

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. 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 - 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, 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

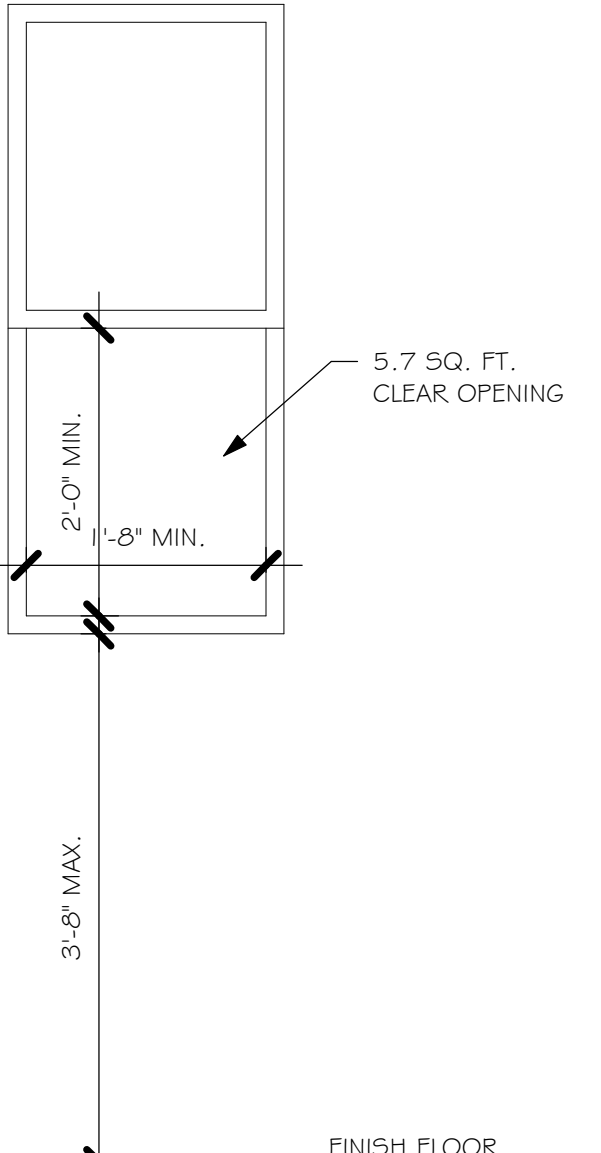
CLAY AND CONCRETE ROOF TILE SPECS

INSTALL 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:

- TILE PLACEMENT AND SPACING,
- ATTACHMENT SYSTEM NECESSARY TO COMPLY WITH CURRENT WIND CODE,
 - AMOUNT AND PLACEMENT OF MORTAR
 - AMOUNT AND PLACEMENT OF ADHESIVE
 - C. TYPE, NUMBER, SIZE AND LENGTH OF FASTENERS AND CLIPS.
- UNDERLAYMENT
- 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).

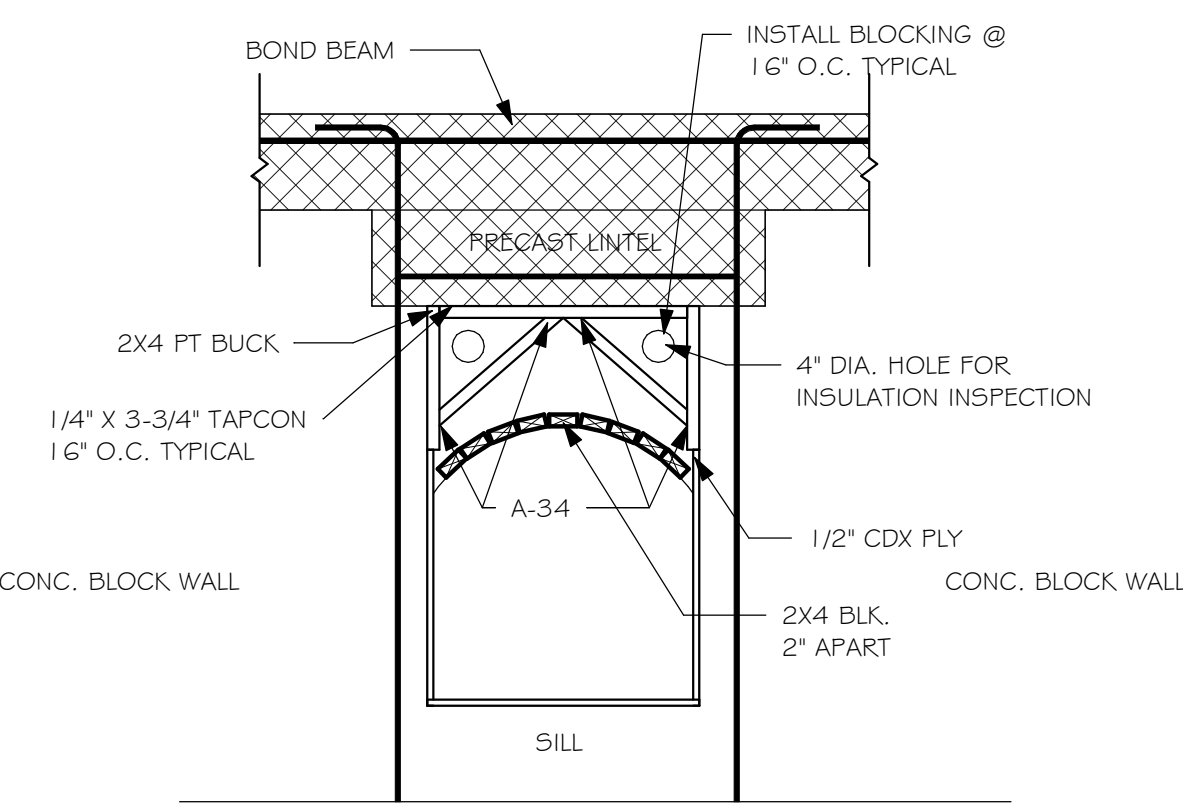
R310.2.1 MINIMUM OPENING HEIGHT: THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24 INCHES (610mm).

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.

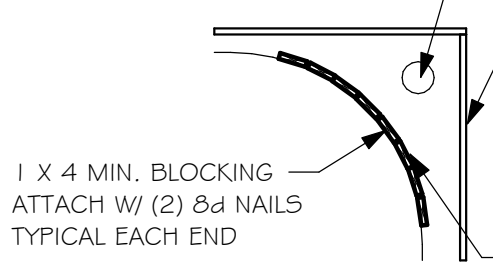
MINIMUM EGRESS WINDOW DETAIL



WINDOW OR DOOR ARCH SPACE FRAMING ABOVE

SPECIAL NOTE:

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



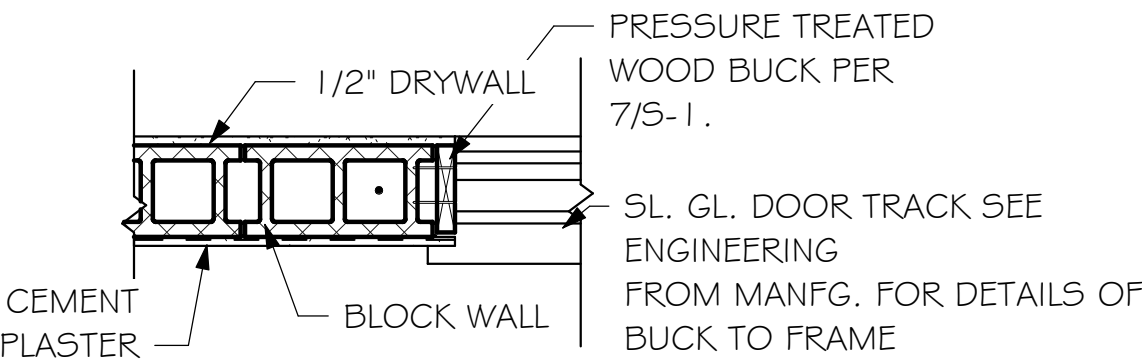
1 X 4 MIN. BLOCKING
ATTACH W/ (2) 8d NAILS
TYPICAL EACH END

4" DIA. HOLE FOR
INSULATION INSPECTION

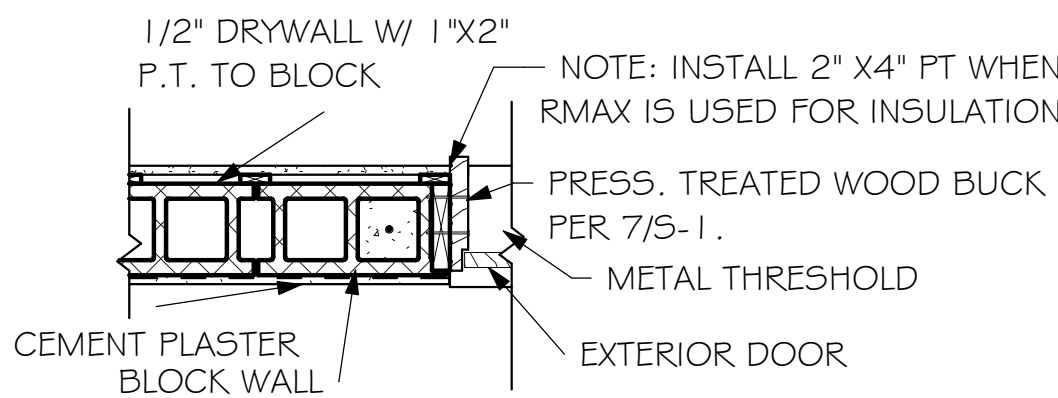
ATTACH 1X4 OR 1X8 PT W/ (2)
8d NAILS STAGGERED 8" O.C.
FOR FRAME APPLICATIONS OR 1-1/2"
O.113" CASE HARDENED PNEUMATIC
DRIVEN NAILS STAGGERED @ 8" O.C.

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

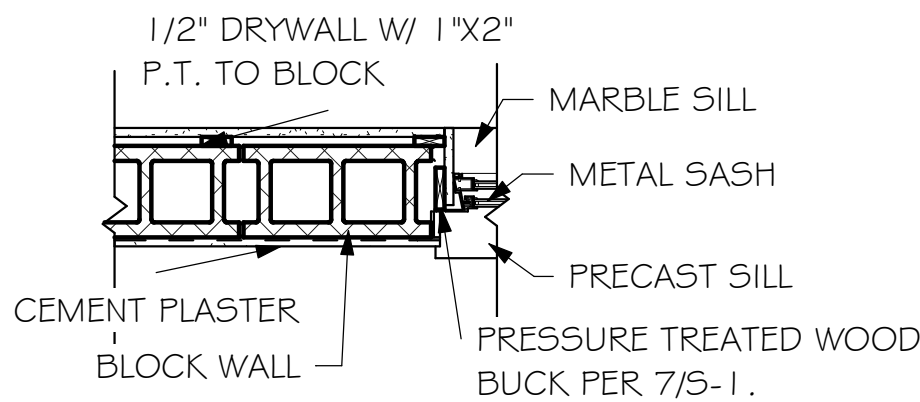
FILL IN FRAMING



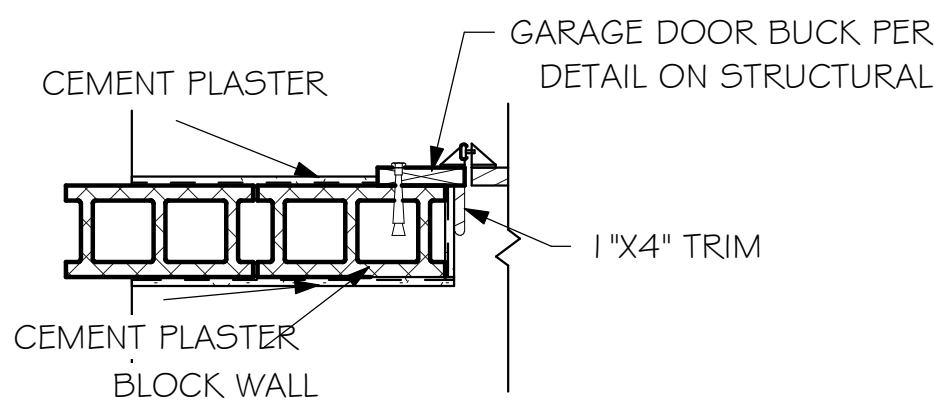
SL. GL. DR. JAM TO BLOCK DETAIL



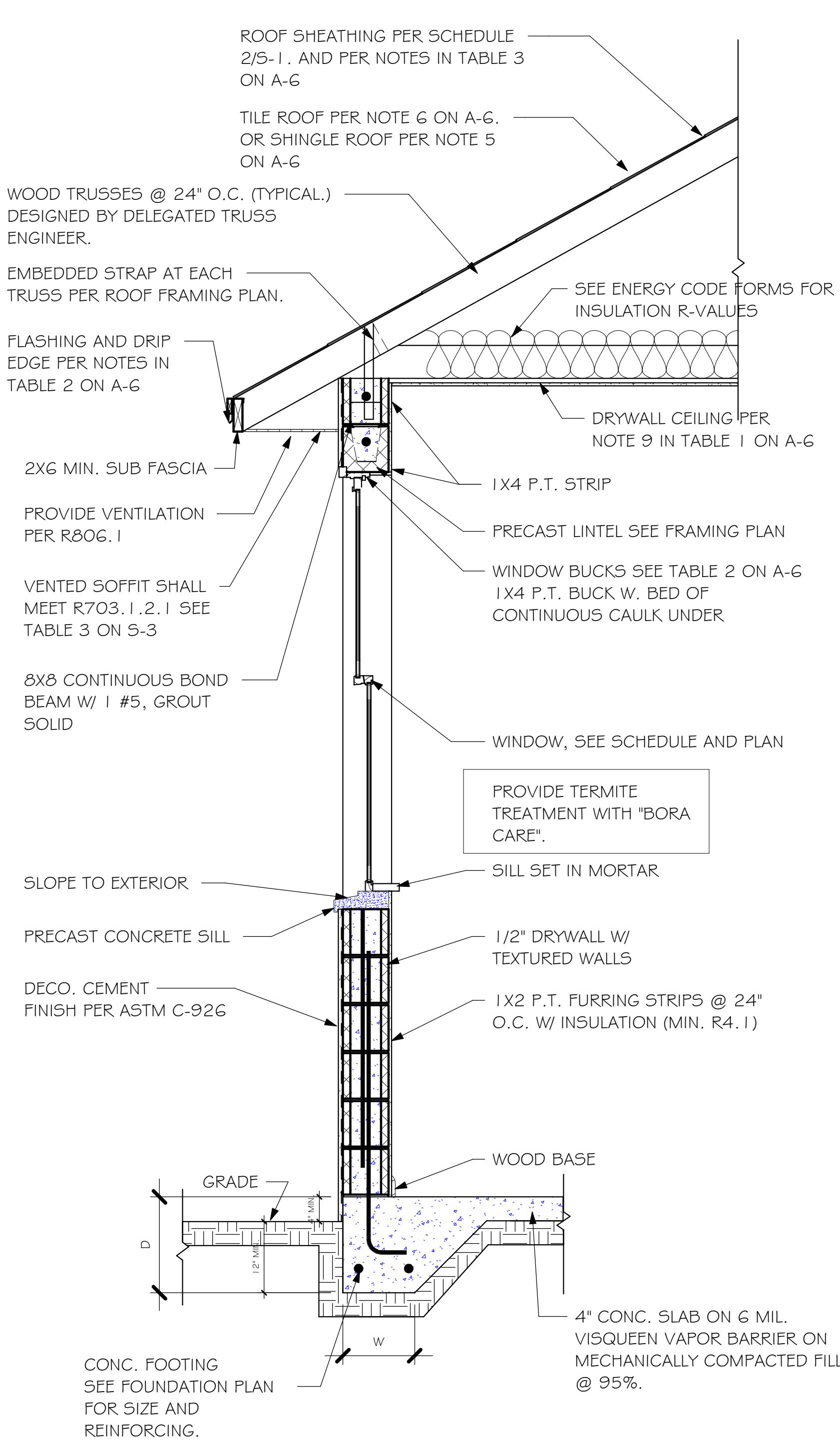
DOOR JAM TO BLOCK DETAIL



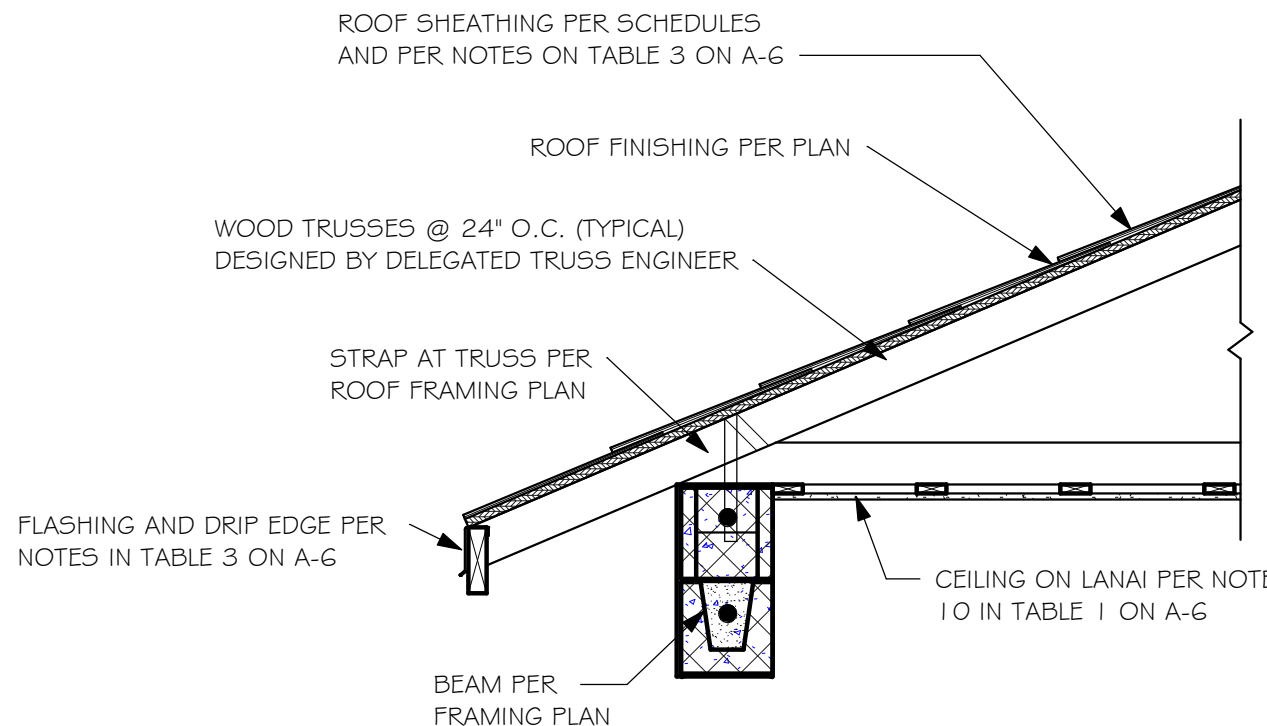
WINDOW JAM TO BLOCK DETAIL



GARAGE DOOR JAM DETAIL



TYPICAL WALL SECTION

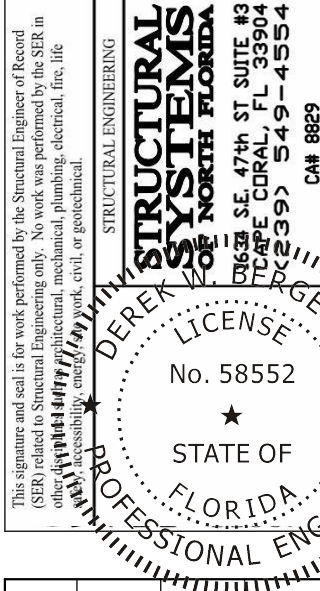


LANAI/ ENTRY ROOF ASSEMBLY 3/4" = 1'-0"

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







LOT: 322-323

SUBDIVISION: WATERFORD II TV's

ADDRESS: 25080-25088 EAST LENOX CIR

D.R.H. #: 579170111-112

MODEL 1498

VILLA E

GCD JOB # 11378

DATE: 12/9/19

DRAWN BY: JSL

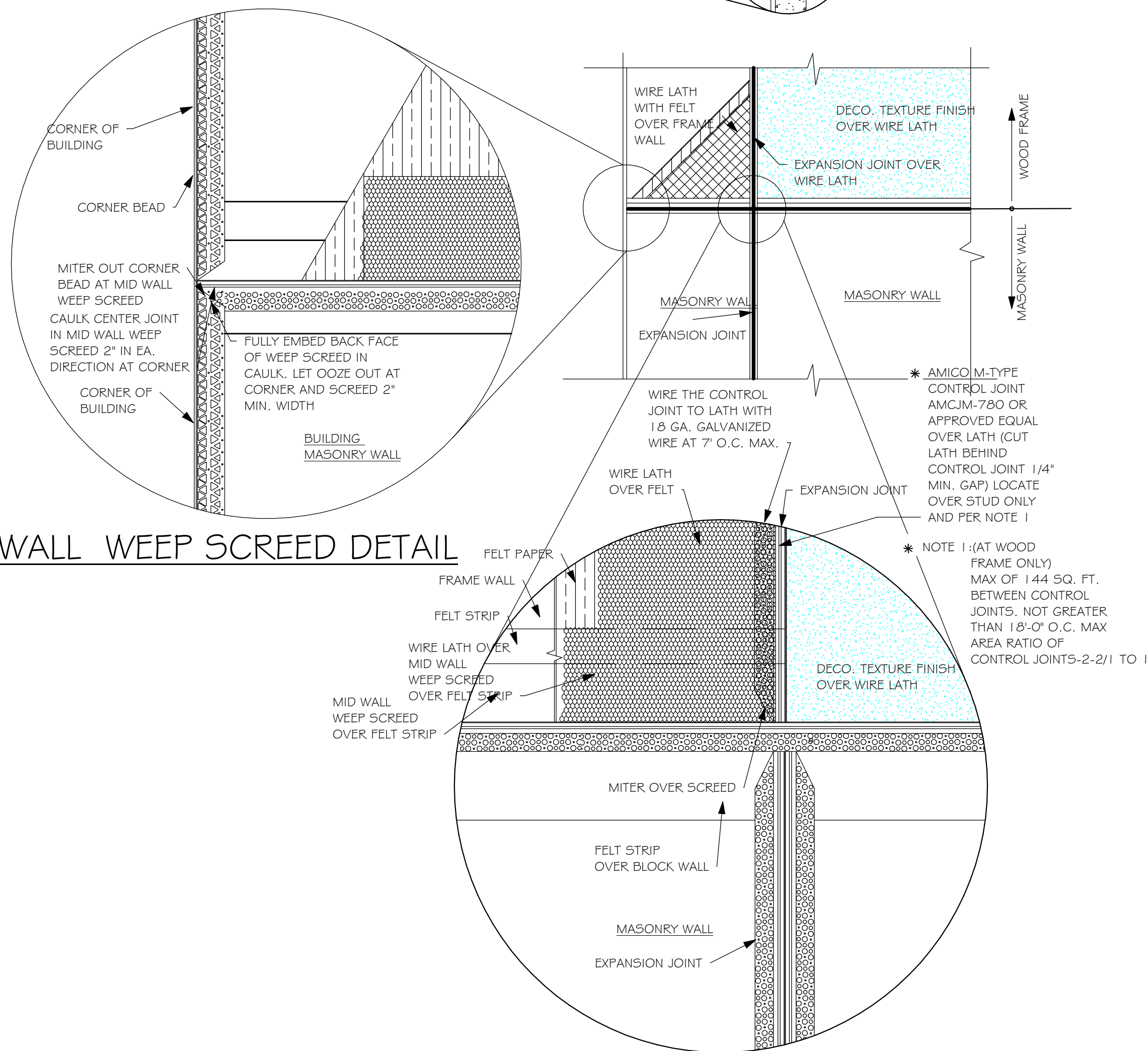
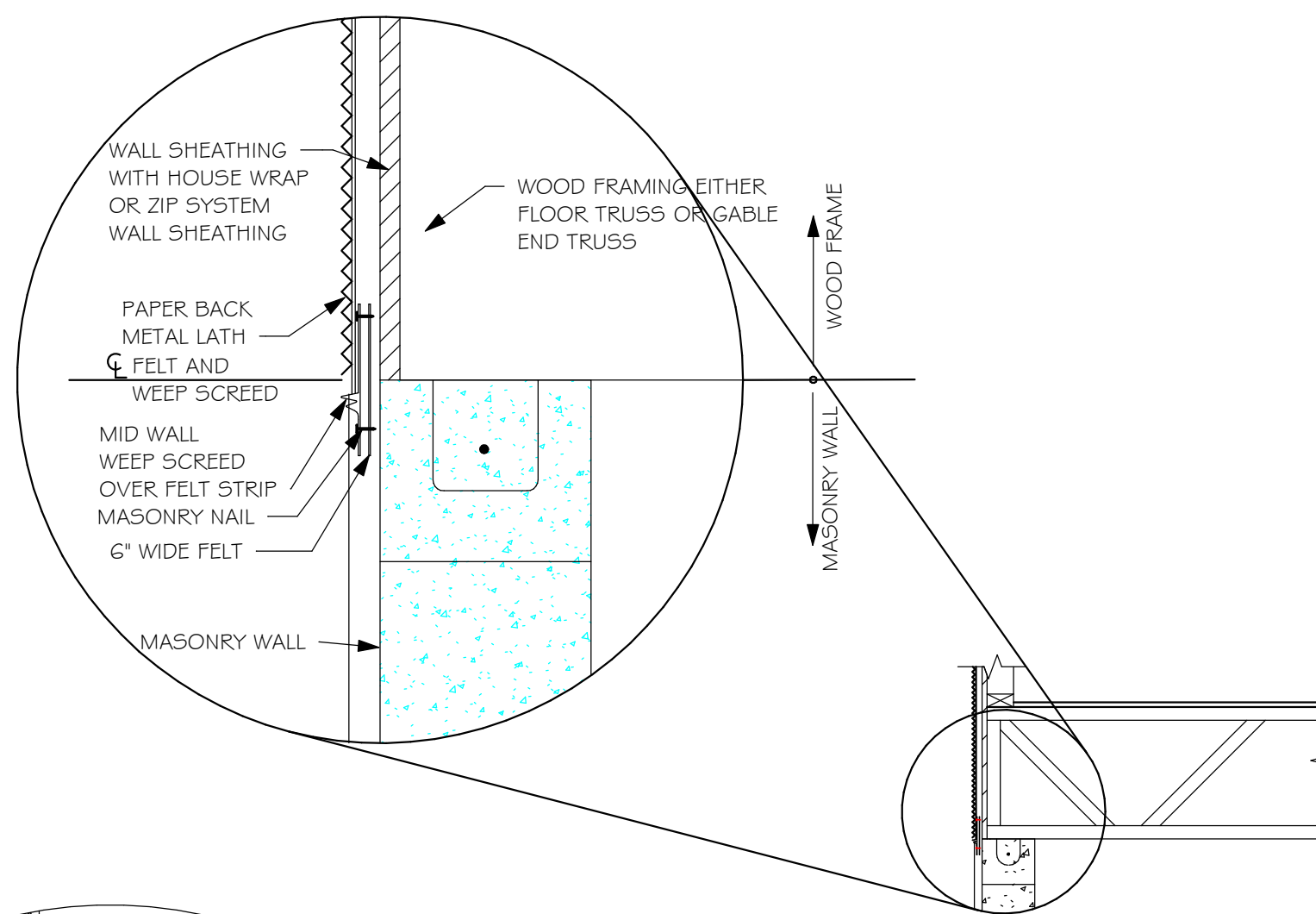
CHECKED BY: JWC

REVISED:

PLAN: SECTIONS

SCALE: As indicated

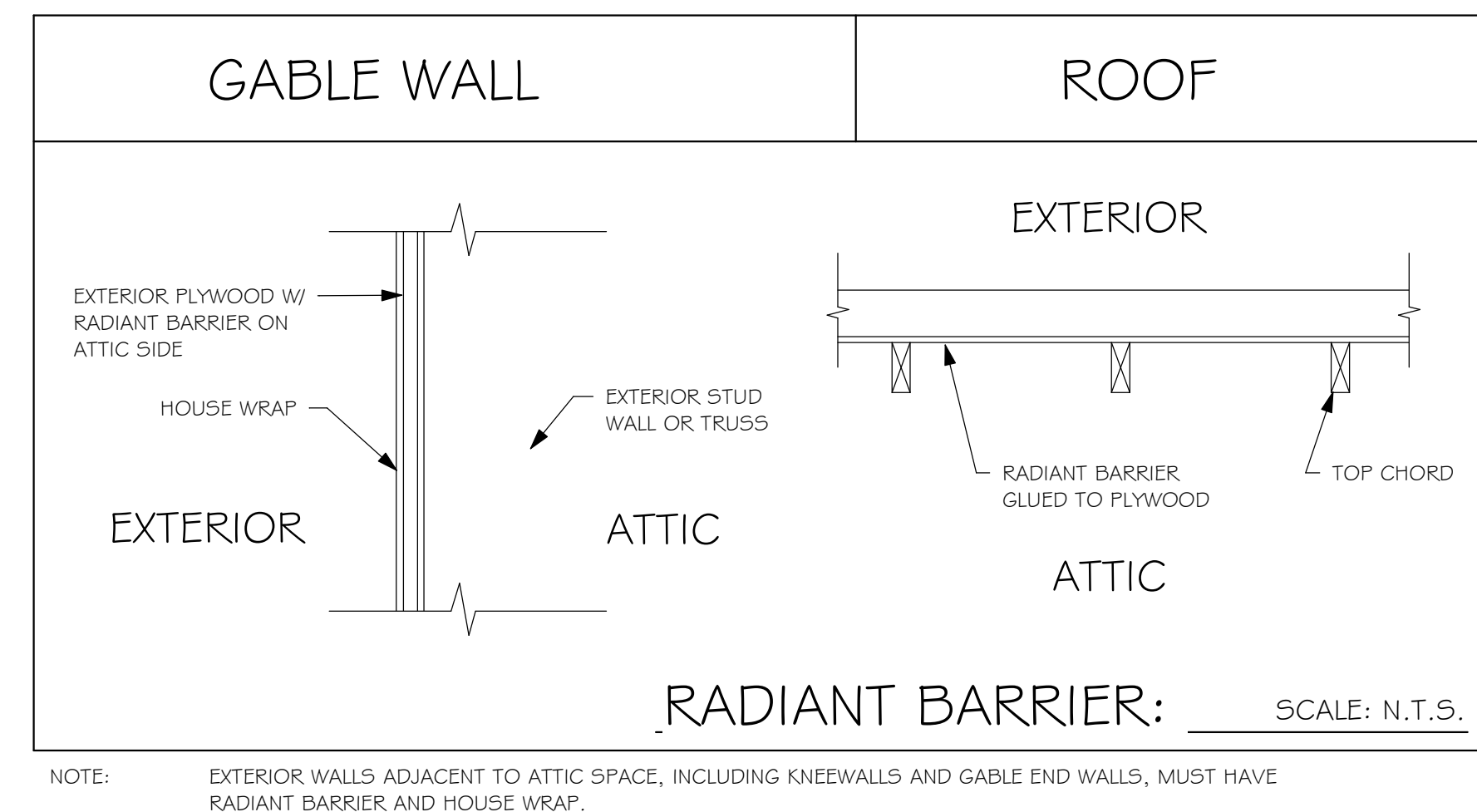
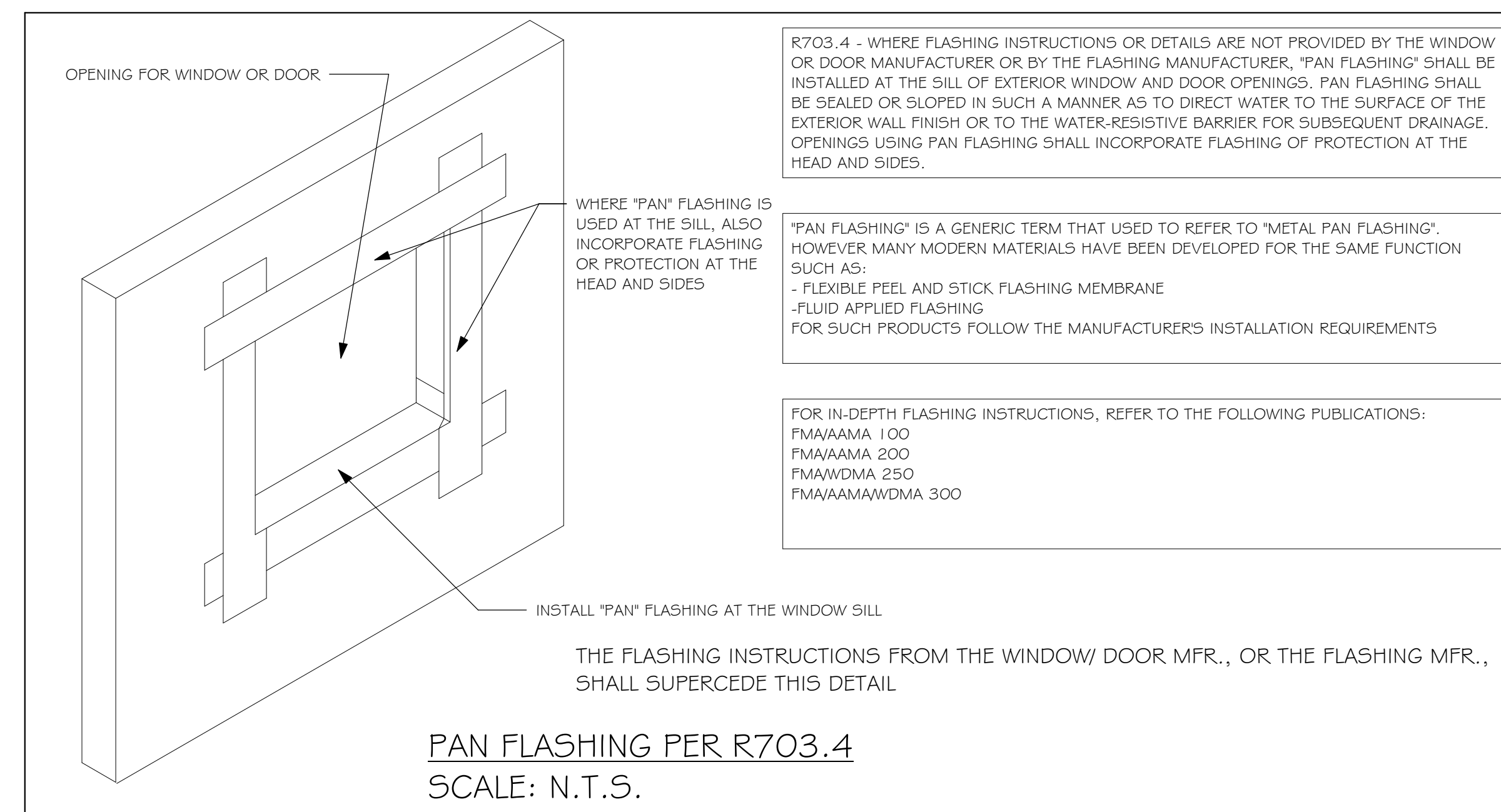
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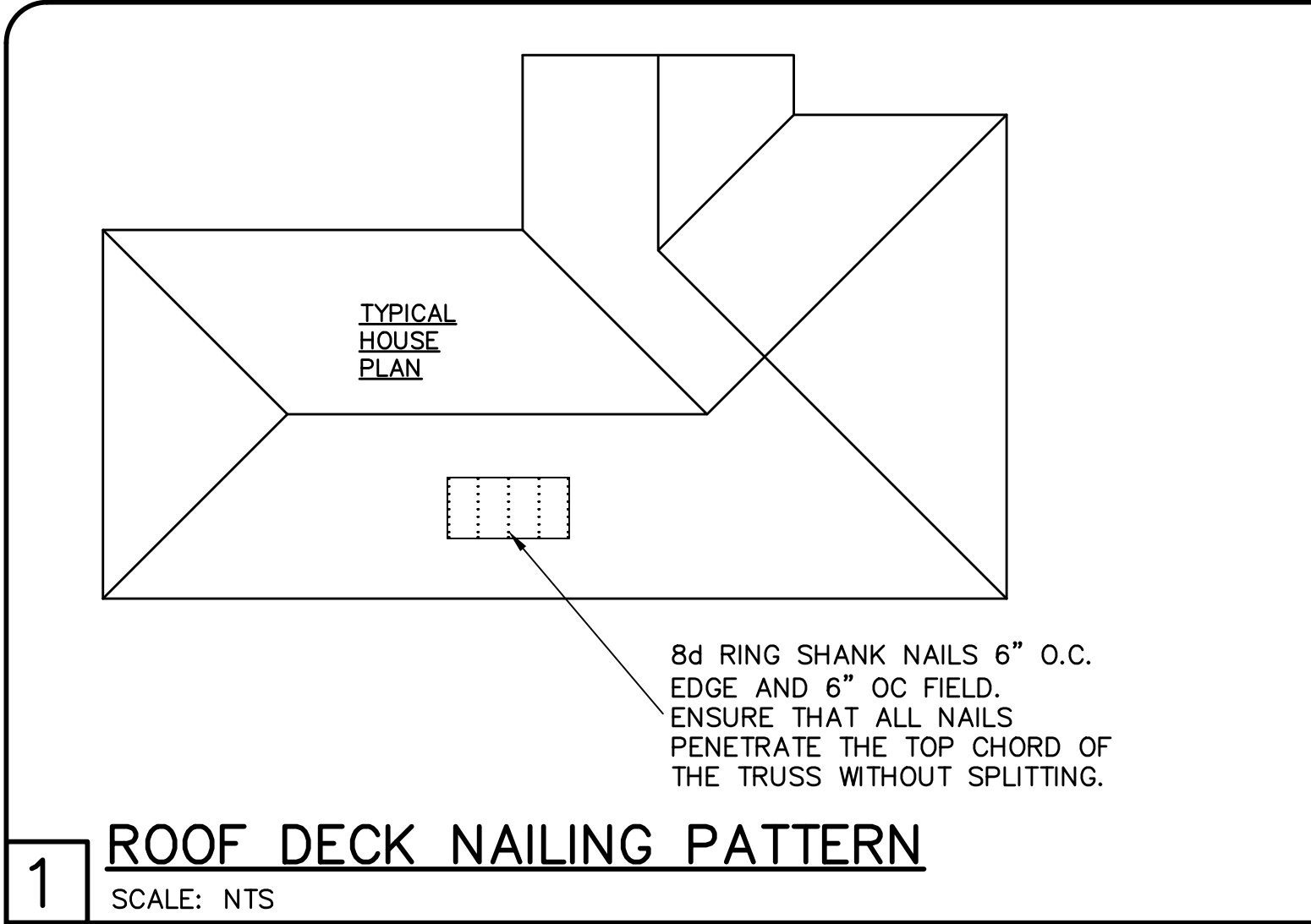


MID WALL WEEP SCREED DETAIL

WEEP SCREED DETAIL

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

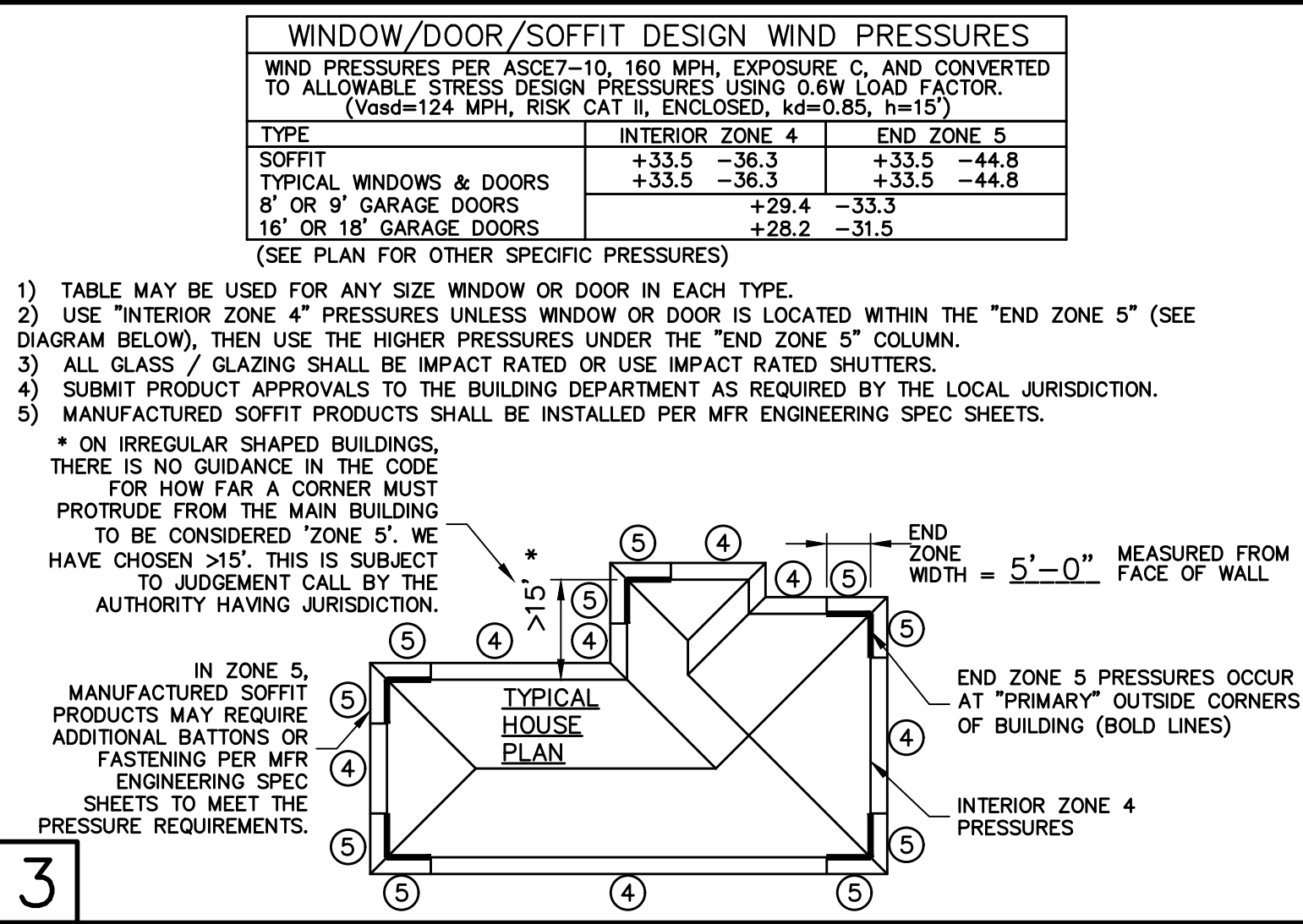




2

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	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 0.012" 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 15/8" 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.



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 1
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 1/2" MINIMUM THICKNESS REINFORCED WITH 6x6 w1.4xw1.4 WWF OR FIBERMECH.
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.

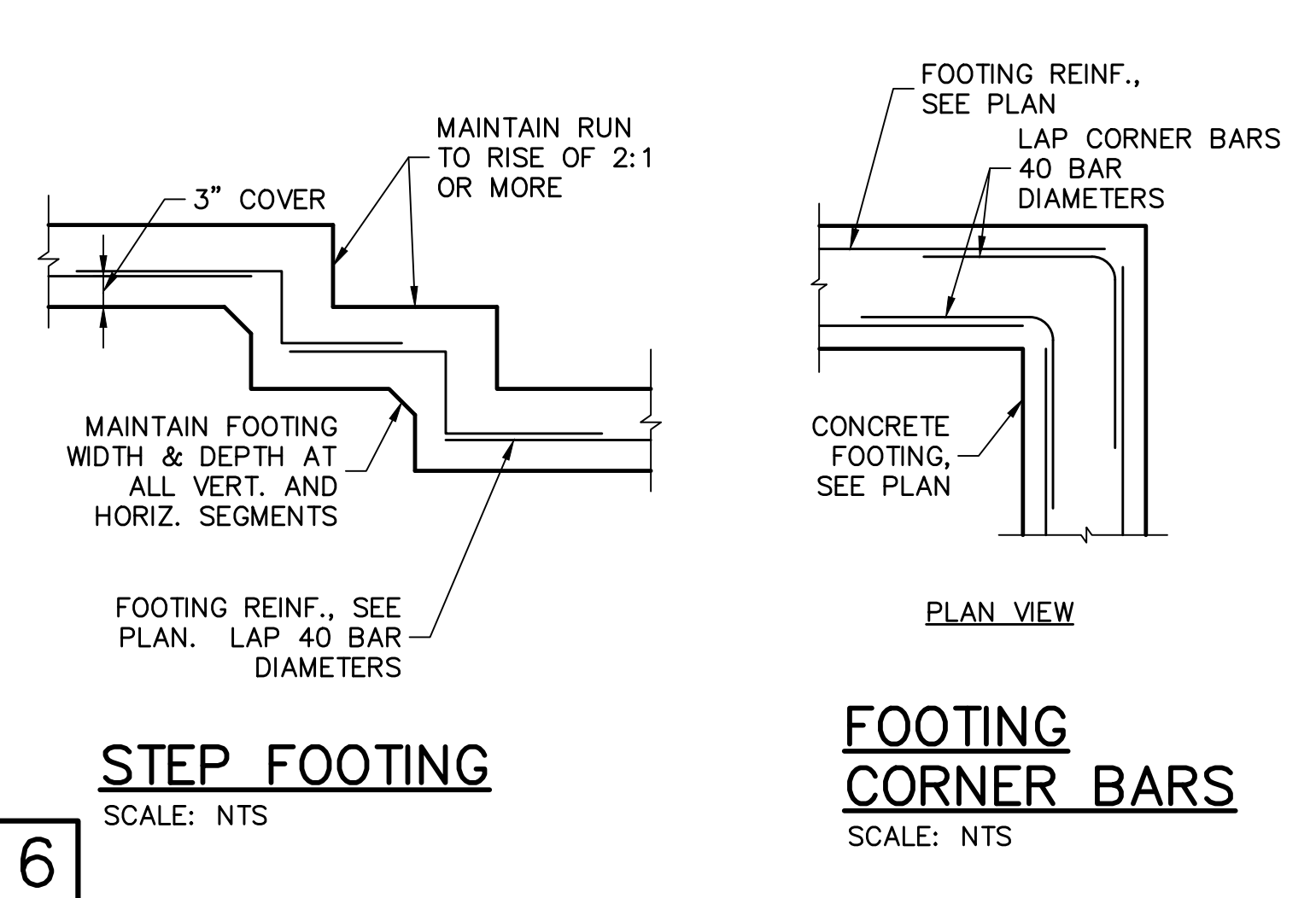
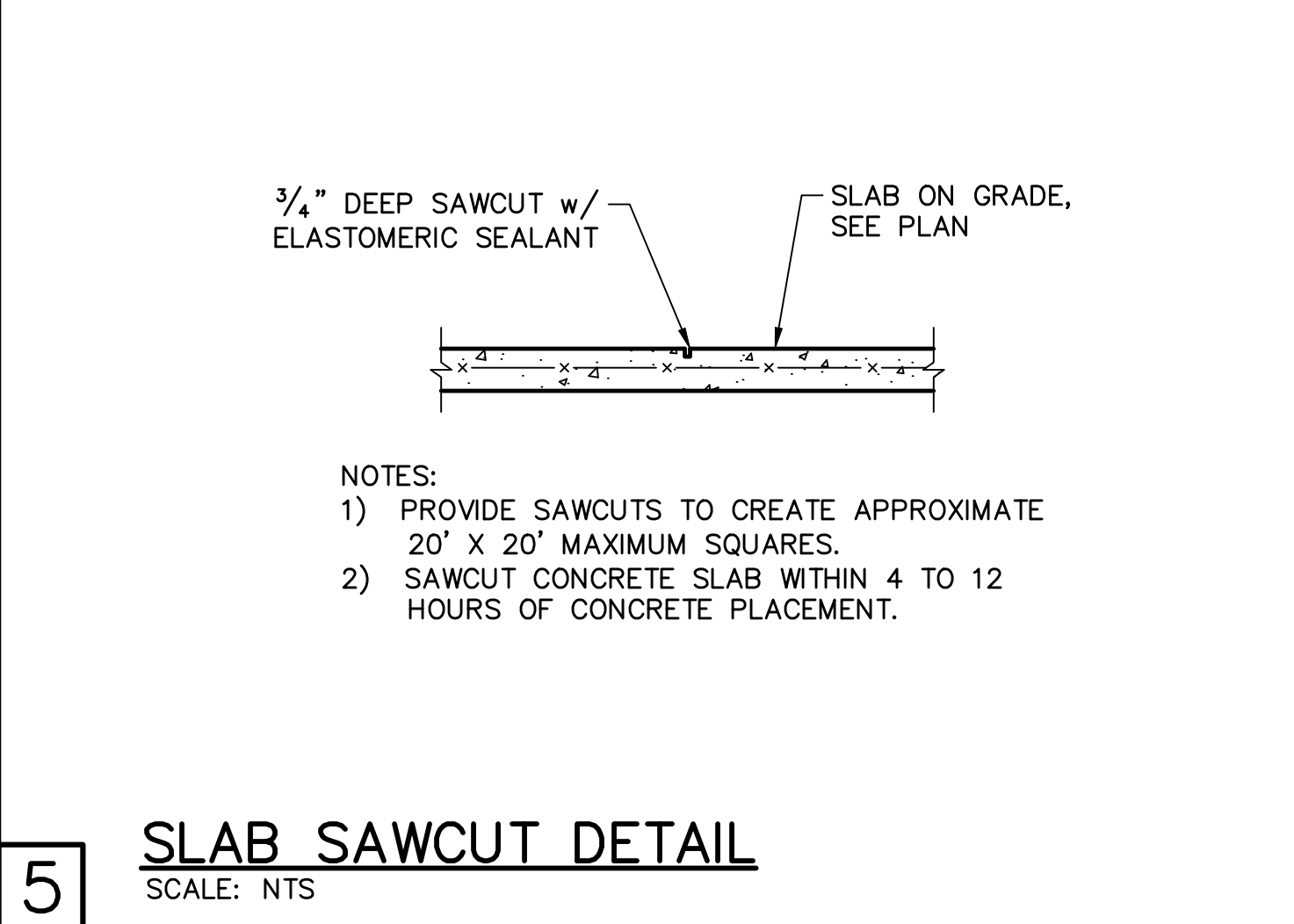
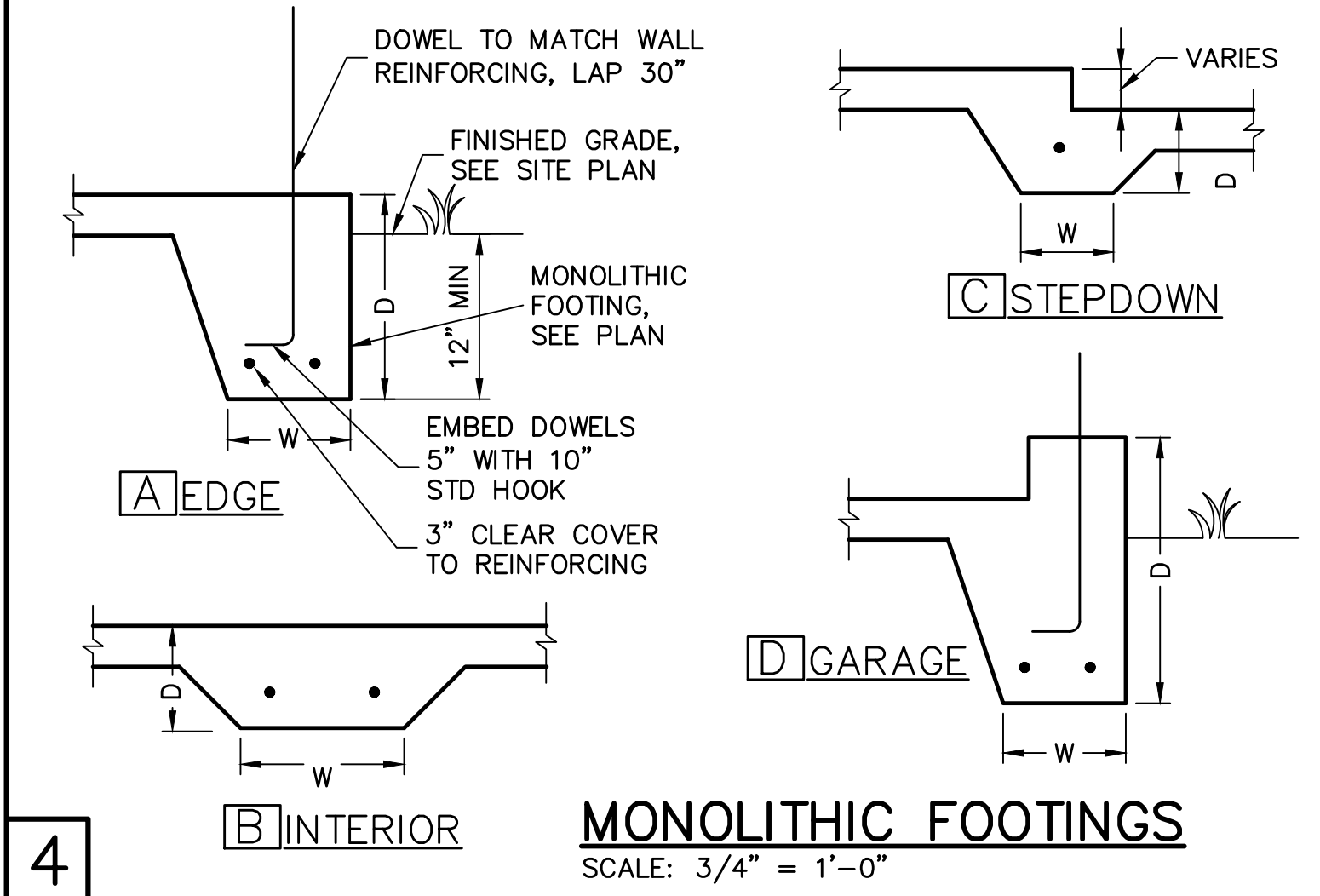
5. DELEGATED-ENGINEERED WOOD ROOF & FLOOR TRUSSES:
ALL WOOD ROOF AND FLOOR TRUSSES SHALL BE DESIGNED BY A DELEGATED TRUSS ENGINEER PER RULE 61G15-31.003 OF THE FLORIDA ADMINISTRATIVE CODE. ALL TRUSSES SHALL HAVE TEMPORARY BRACING PER "COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING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

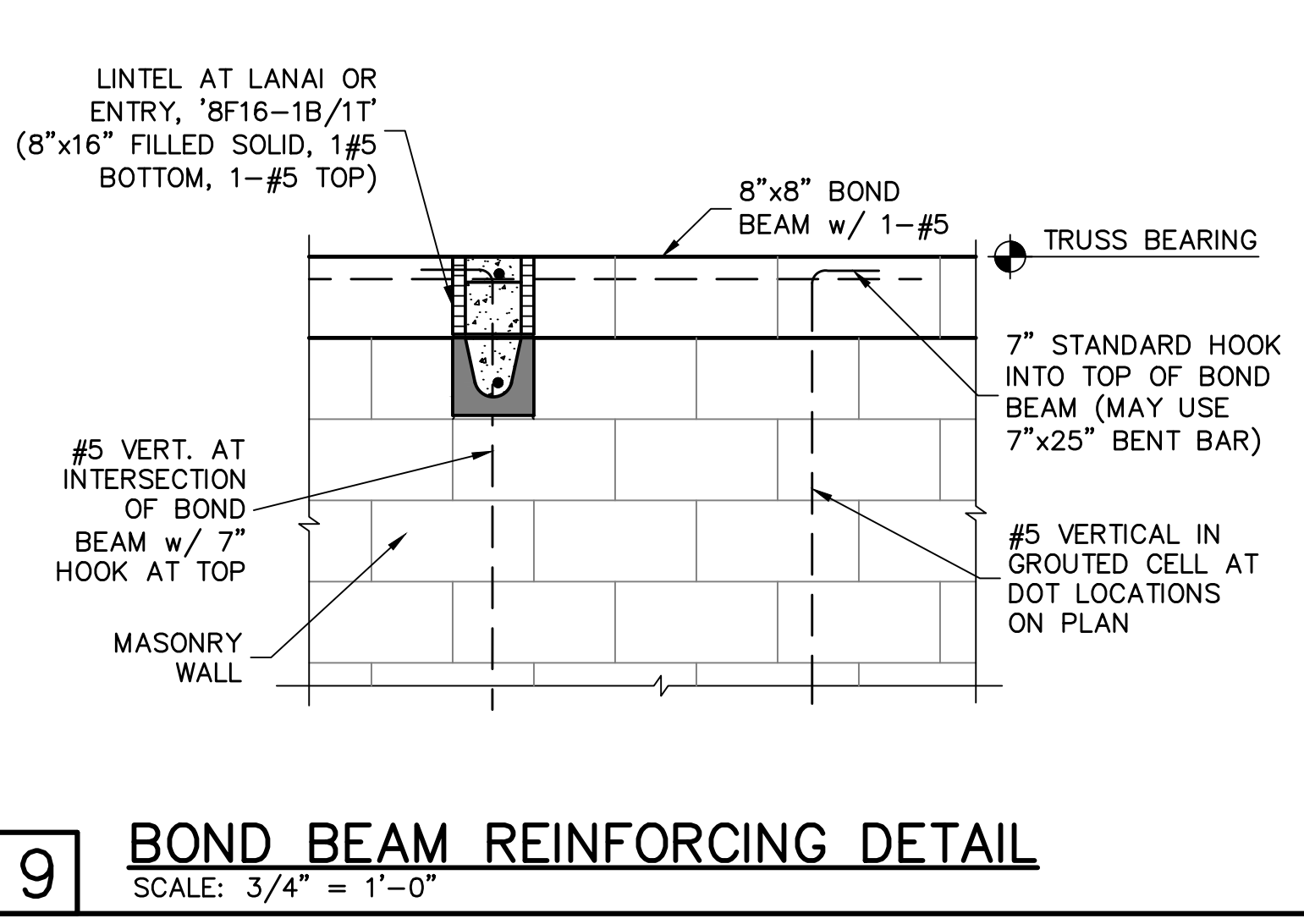
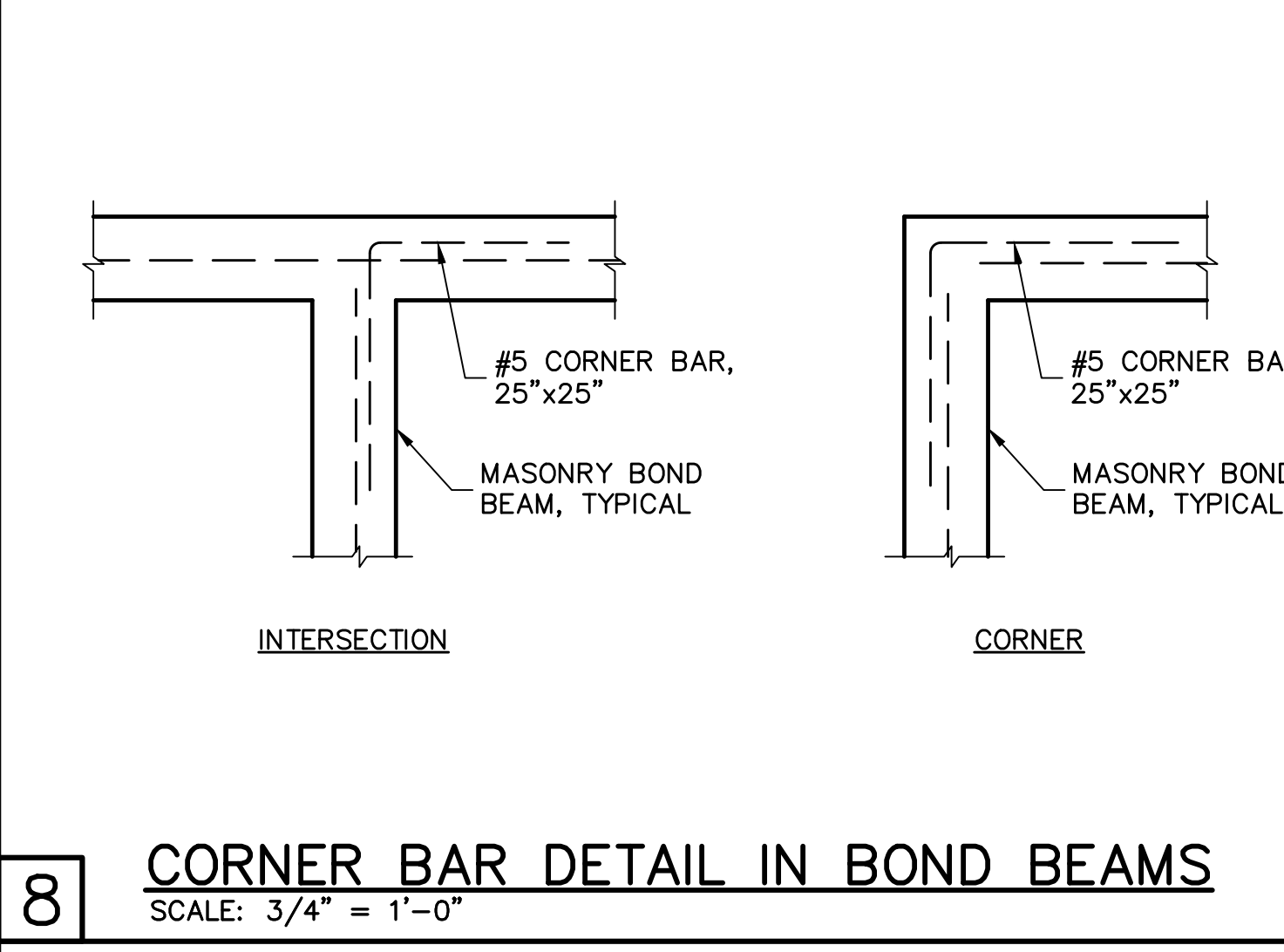
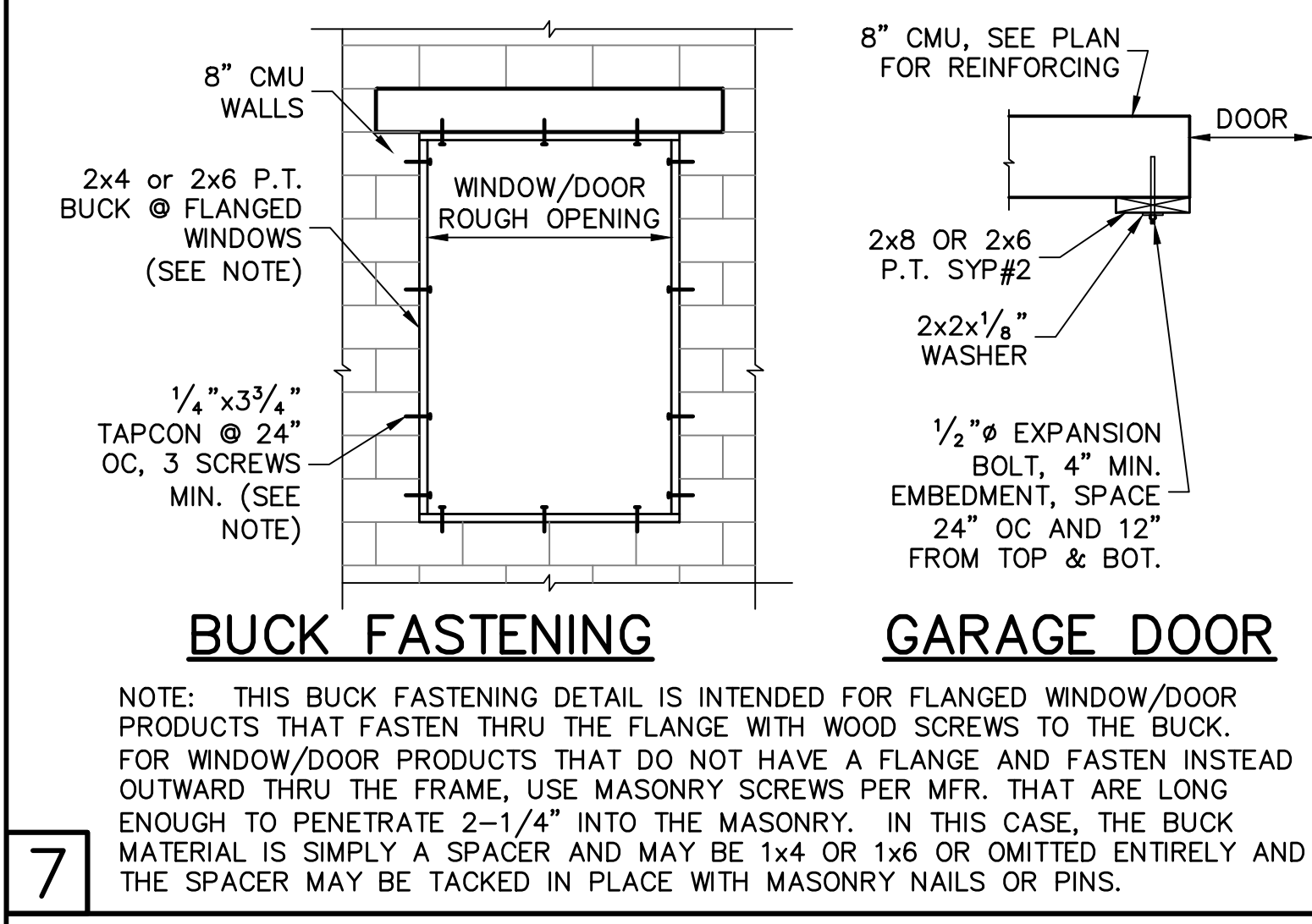
9. SHOP DRAWINGS: SHOP DRAWINGS SHALL BE PREPARED AND SUBMITTED TO THE ENGINEER FOR REVIEW FOR ALL STRUCTURAL ELEMENTS UTILIZING PREFABRICATED COMPONENTS. ONE SET OF SIGNED & SEALED TRUSS ENGINEERING SHALL BE DELIVERED TO THE ENGINEER OF RECORD FOR THE STRUCTURE PER FLORIDA ADMINISTRATIVE CODE 61G15-30.005 AND 61G15-31.003.



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.

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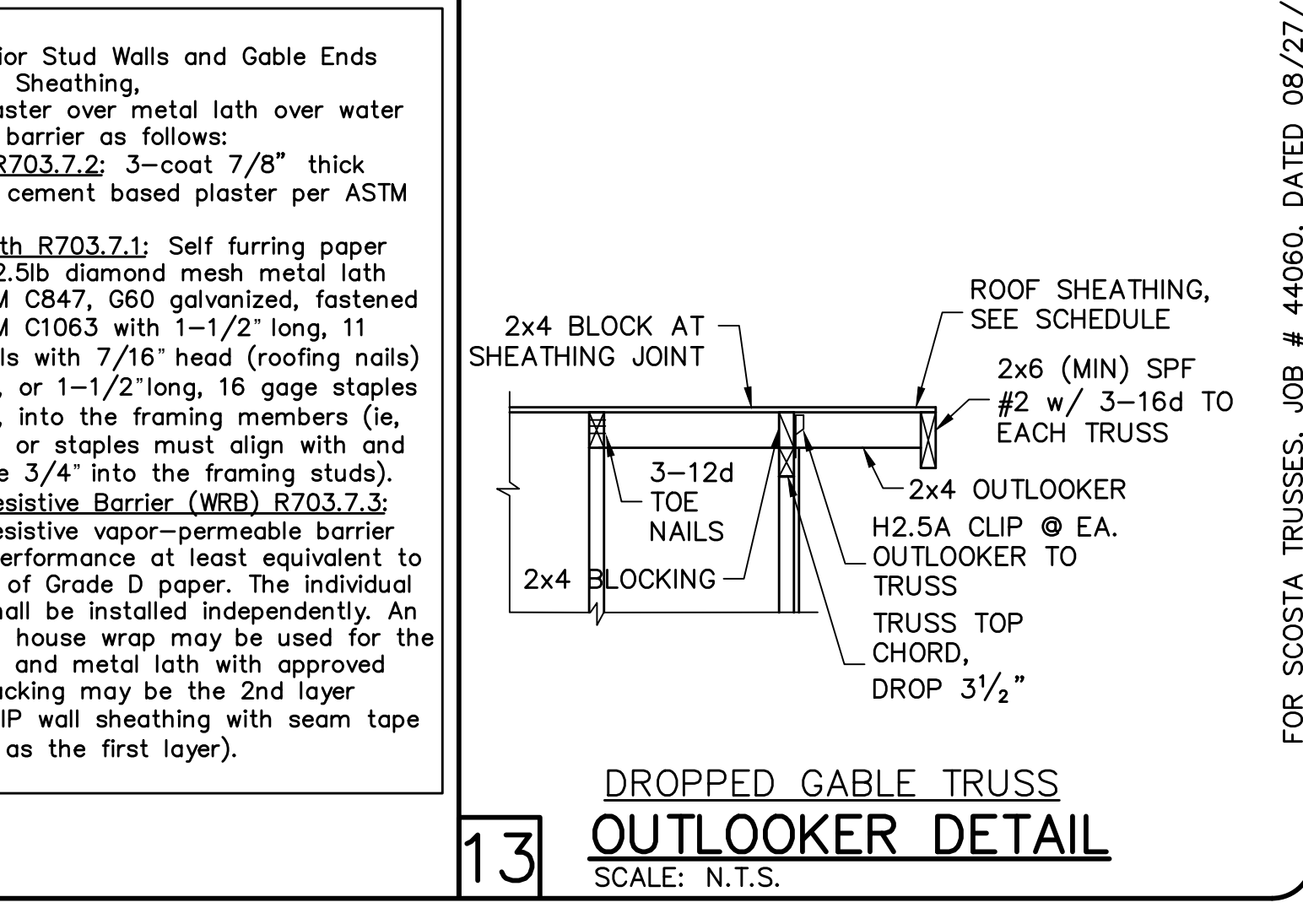
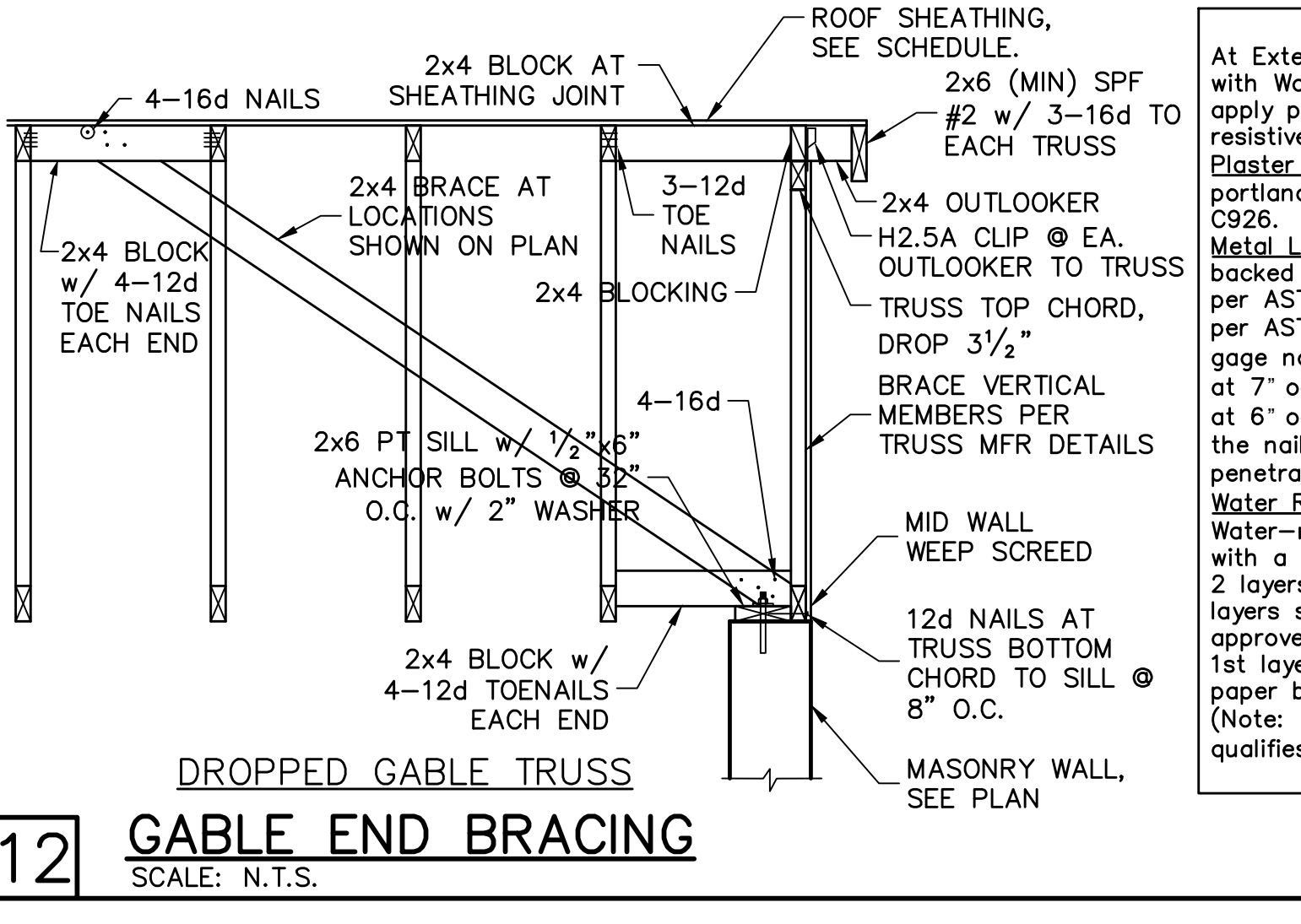
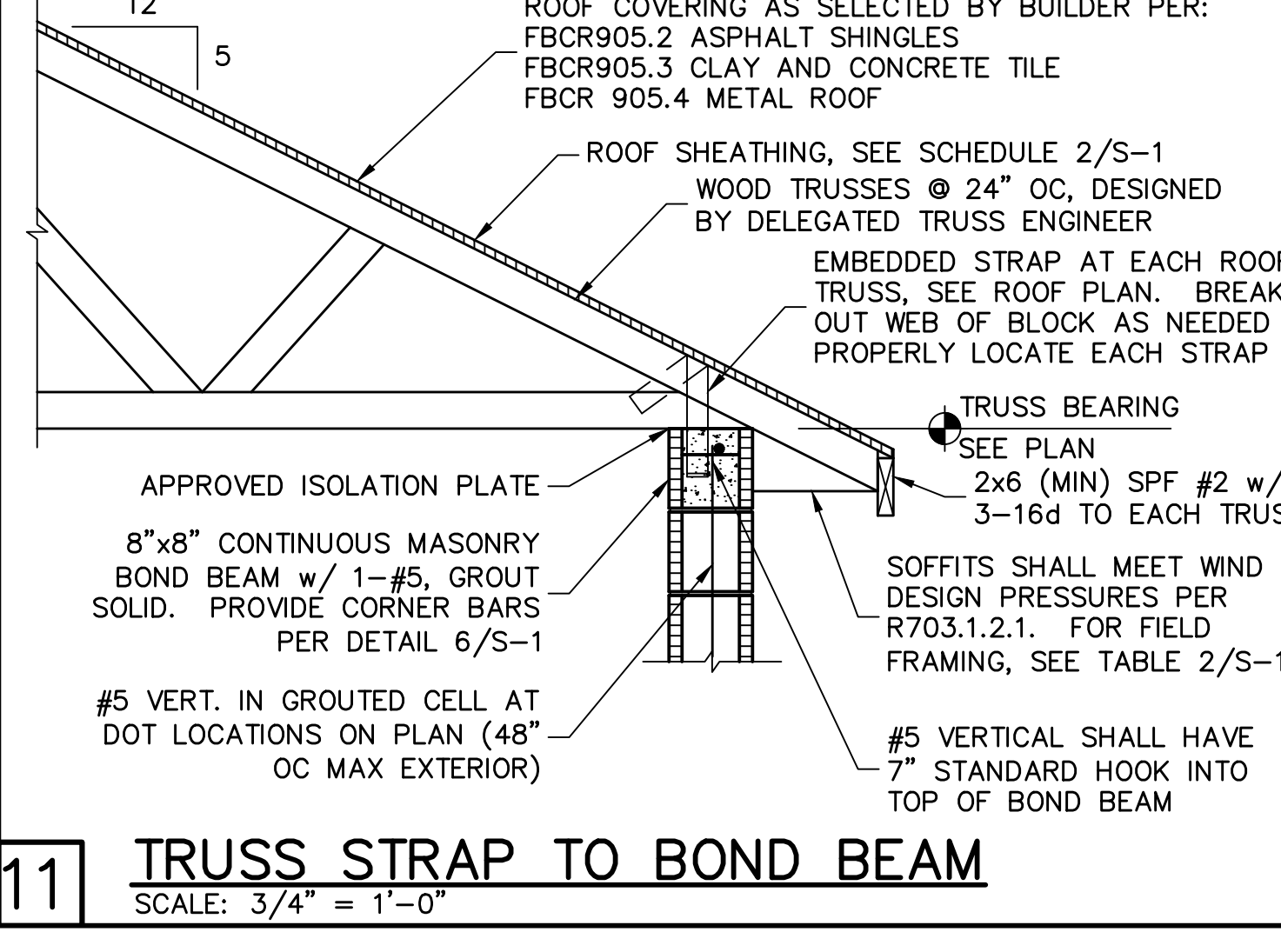
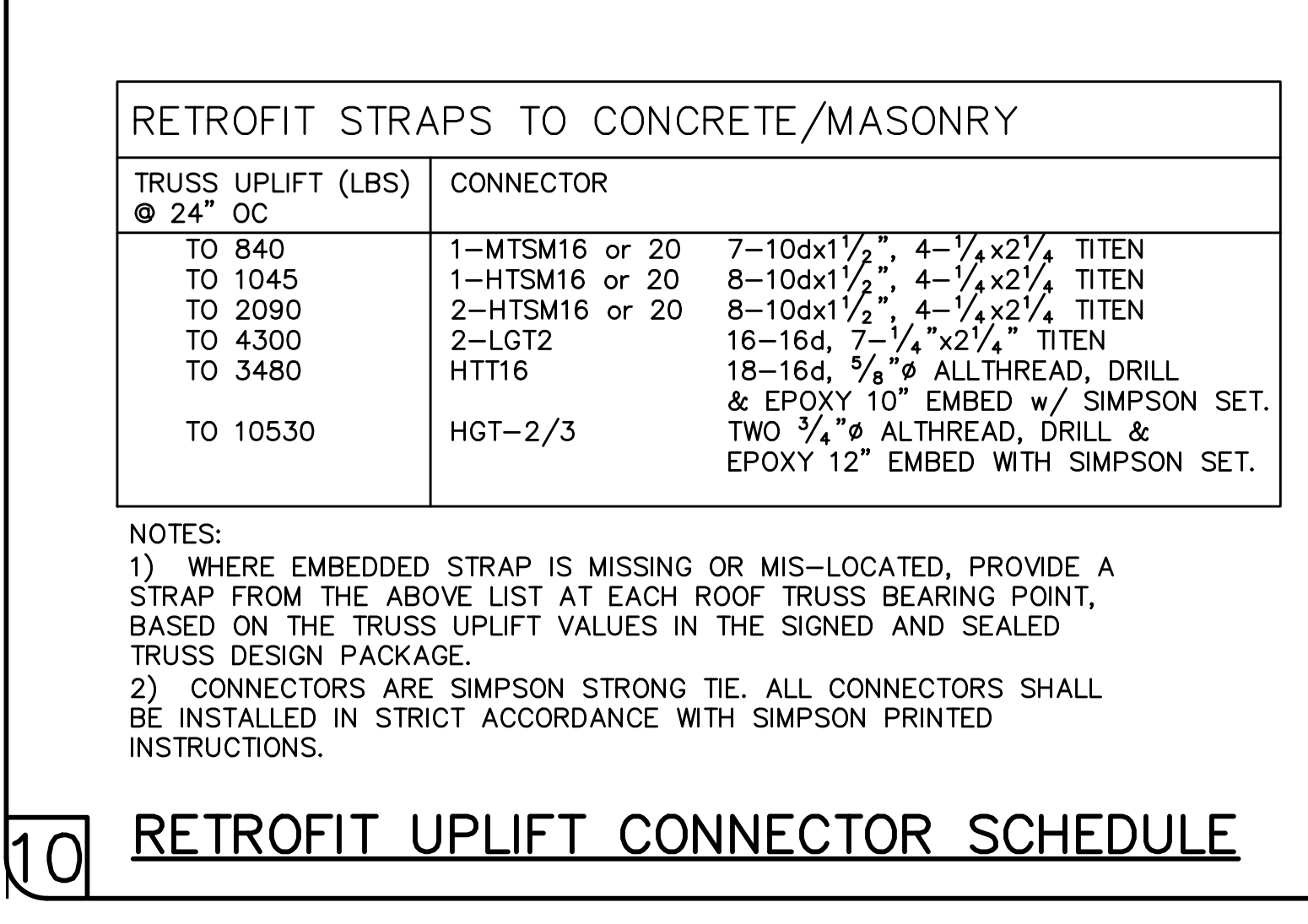


10. RETROFIT STRAPS TO CONCRETE/MASONRY

TRUSS UPLIFT (LBS) @ 24" OC

TO 840	1-MTSM16 or 20	7-10dx1 1/2" 4-1/4"x2 1/4" TITEN
TO 1045	1-HTSM16 or 20	8-10dx1 1/2" 4-1/4"x2 1/4" TITEN
TO 2090	2-HTSM16 or 20	8-10dx1 1/2" 4-1/4"x2 1/4" TITEN
TO 4300	2-LGT2	16-16d, 7-1/4" x 2 1/4" TITEN
TO 3480	HTT16	18-16d, 9/8" x 2 1/4" ALLTHREAD, DRILL & EPOXY 10" EMBED W/ SIMPSON SET. TWO 3/4" x 1/2" ALLTHREAD, DRILL & EPOXY 12" EMBED WITH SIMPSON SET.
TO 10530	HGT-2/3	

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



REVISIONS

BY

STRUCTURAL ENGINEERING:

STRUCTURAL SYSTEMS

1634 S.E. 47th STREET, SUITE #3
CAPE CORAL, FL 33904
(239) 549-4554
CA# 8629

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

DREX W. BERGENER

FLORIDA PROFESSIONAL ENGINEER

No. 58552

STATE OF FLORIDA

D. R. HOHON

America's Builder

STRUCTURAL DETAILS FOR

1498 SIGNATURE VILLA

25080, 25088 EAST LENOX CIRCLE
PUNTA GORDA, FLORIDA
LOTS: 322, 323 SUBDIVISION: WATERFORD

DESIGN/DRAWN
DWB/DWB

CHECKED
DWB

DATE
12/10/19

SCALE
AS NOTED

JOB NO.
DR11378

SHEET

S-1

SHEET 1 OF 2

FOR SCOSTA TRUSSES, JOB # 44060, DATED 08/27/17, REVISED: 12/03/19

