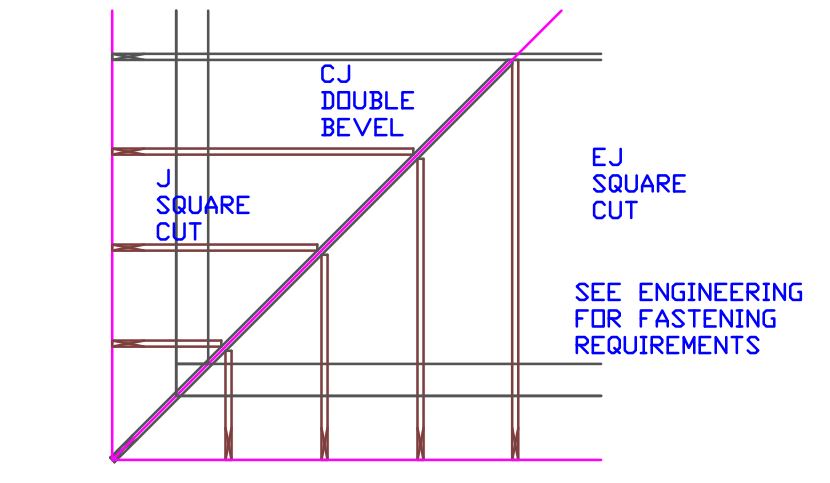


SEE SUPPORTING TRUSS & PIGGY-BACK
ENGINEERING FOR ADDITIONAL INFORMATION

SCAB PIGGY-BACK DETAIL

TYPICAL JACK CUTS



DESIGN CRITERIA

LANAL AND ENTRY ARE EXPOSED TO WIND AND DESIGNED PER CRITERIA SHOWN

TOP CHORD LIVE LOAD	20
TOP CHORD DEAD LOAD	20
BOTTOM CHORD LIVE LOAD	NON-CONCURRENT 10W
BOTTOM CHORD DEAD LOAD	10
TOTAL LOAD	50
DURATION FACTOR	1.25
WIND DESIGN SPEED (MPH)	160
MAX. WALL HT FOR WIND LOAD	9'-4"
ASCE 7-16 FBC 2020	
EXP. C	CLOSED
Residential -	CAT II

TILE

TYPICAL END DETAIL

****UNLESS NOTED****
REACTION VALUES ARE UNDER 5000#
UPLIFT VALUES ARE UNDER 1000#

ALL TRUSSES 24"o.c. UNLESS NOTED OTHERWISE
*******CAUTION*******
DO NOT ATTEMPT TO ERECT TRUSSES WITH-
OUT REFERRING TO THE ENGINEERING DWGS.
IT IS NECESSARY TO REFER TO THE ENGINEERING
DRAWINGS FOR NUMBER OF MEMBERS, BEARING LOCATION,
ORIENTATION AND WEB BRACING

REFER TO WTCA/TP1 BSCI-B1 SUMMARY
SHEET FOR HANDLING METHODS & TEMPORARY
BRACING, WHICH IS ALWAYS REQUIRED
BEARING HEIGHTS BASED ON PLANS PROVIDED TO
SCOSTA CORP. +/- BEARING DIFFERENCES SHOWN ARE
CRITICAL. IF ANY HEIGHTS DEVIATE - INFORM SCOSTA
CORP.

BEARING WALL & BEAM HEIGHTS	
9'-4" A.F.F.	0'-0" ELEV.
RAKED BEAM	ELEV.
	ELEV.
	ELEV.
	ELEV.
	ELEV.
	ELEV.

TYPICAL HANGER SCHEDULE	
(C) SIMPSON HUS 26	(M) SIMPSON HGUS 28-3
(F) SIMPSON HUS 28	(N) SIMPSON HHUS 48
(H) SIMPSON HGUS 28	(P) SIMPSON LUS 24
(I) SIMPSON HGUS 28-2	(B) SIMPSON THA 422
(W) SIMPSON THJA26	(X)

HANGER VALUES HAVE BEEN BASED ON 16D
COMMON NAILS EXCEPT THE FOLLOWING
LUS24 - 10D COMMON THJA26 - 10D x 1-1/2

*******ATTENTION*******
APPROVAL OF THIS TRUSS LAYOUT IS NECESSARY
BEFORE FABRICATION CAN BEGIN. VERIFY DIMENSIONS,
PITCHES, OVERHANGS, ELEVATIONS, CEILING &
BEARING CONDITIONS. SCOSTA CORPORATION IS
RESPONSIBLE FOR ACCURACY IN ACCORDANCE WITH
PLANS AND/OR INFORMATION PROVIDED BY
CUSTOMER, WITH ANY DEVIATIONS NOTED HEREIN.
CUSTOMER IS RESPONSIBLE TO VERIFY ACCURACY OF
INFORMATION AND PLANS PROVIDED TO SCOSTA
CORPORATION, AND TO VERIFY CONFORMANCE TO
FIELD CONDITIONS, AND/OR OWNER CHANGES.
TRUSSES WILL BE BUILT IN ACCORDANCE WITH THE
APPROVED LAYOUT.

APPROVED BY: _____
DATE: _____ REQUESTED DELIVERY DATE: _____
JOBSITE CONTACT NAME: _____
PHONE #: _____
E-MAIL: _____

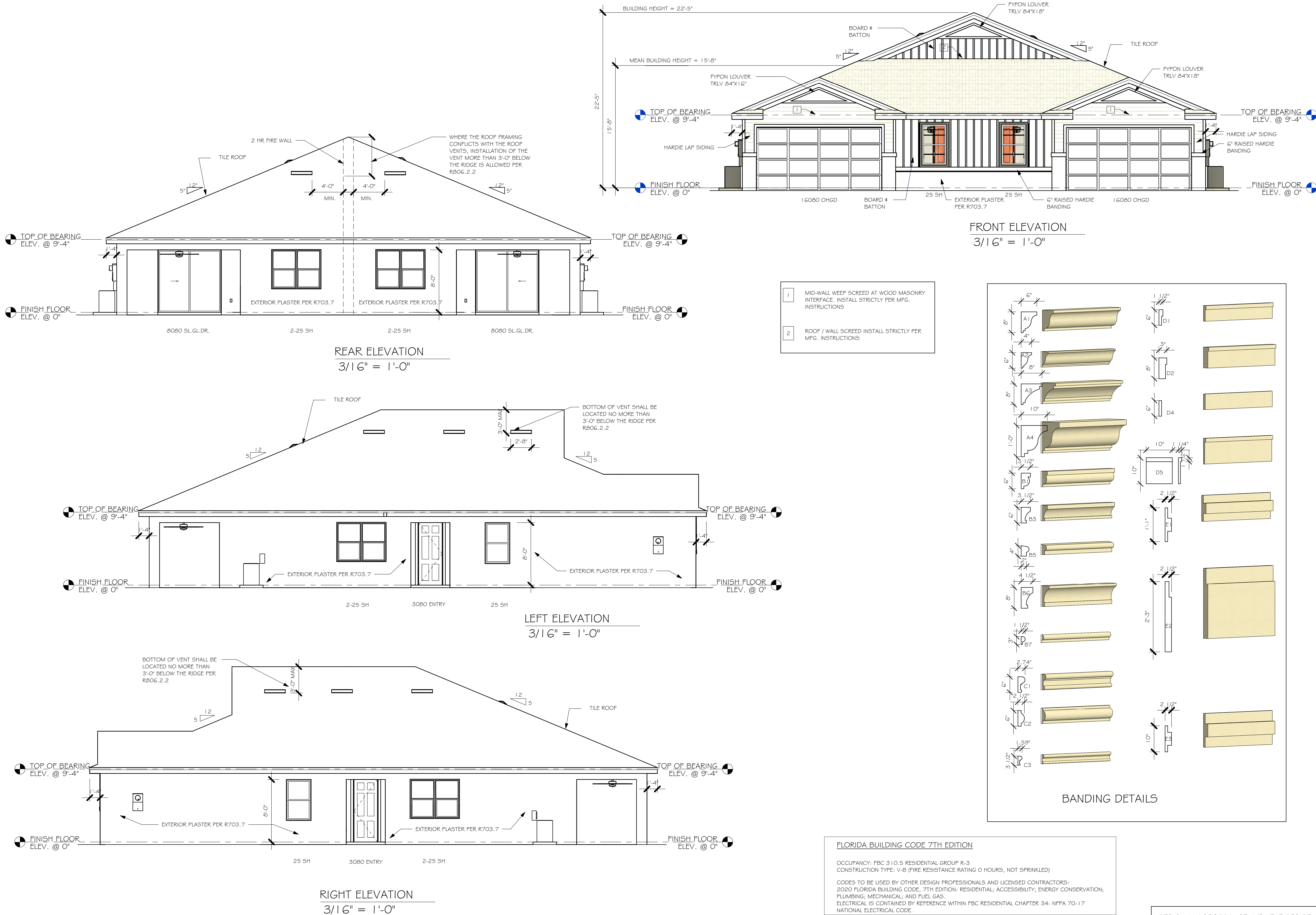
SCOSTA CORP.

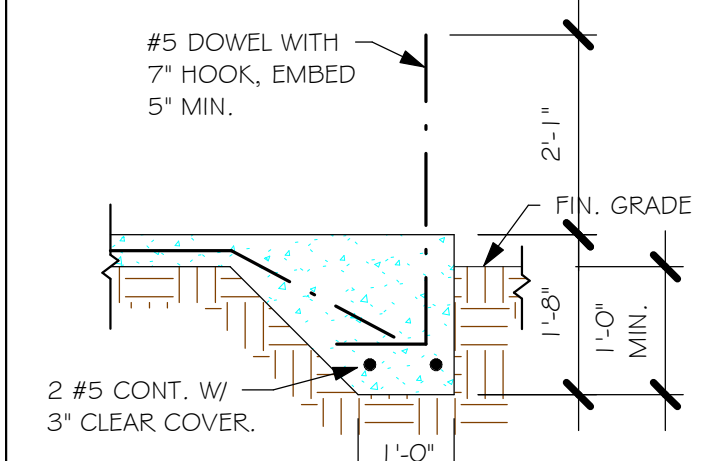
WOOD, STEEL OR TIMBER
ROOF & FLOOR TRUSSES

3670 COMMERCE CENTER DRIVE
SEBRING, FL 33870
(863) 385-8242

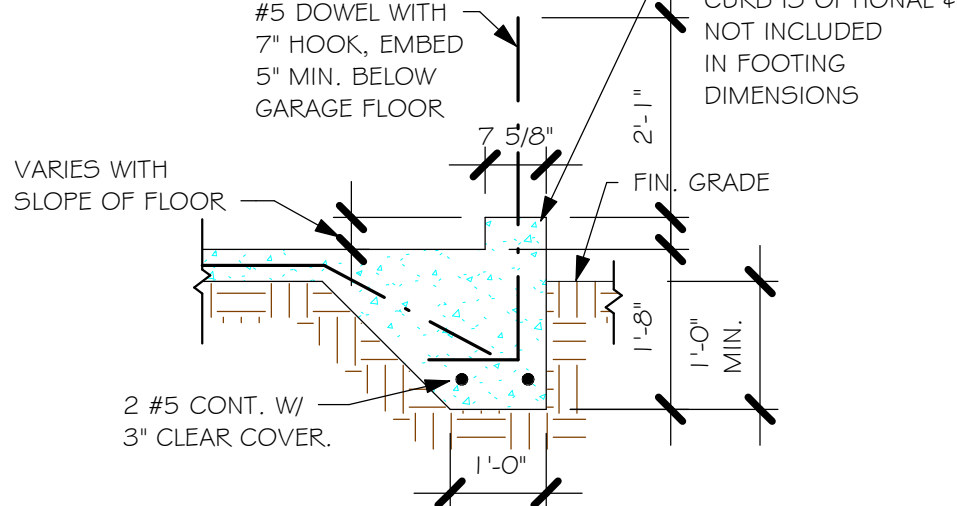
SCALE: 1/4"=1'-0"	DATE: 02/17/21	REVISED BY:	DRAWN BY: KCD
JOB ADDRESS: 1503 F TWIN VILLA		1 OF 1	
CUSTOMER: D.R. HORTON		JOB # DR1503-160C	

L:\O-New Data\1 - MASTER 2019\2019-BUILDERS\DR HORTON 2019\SUBDIVISIONS\PALENCIA
TV\14239 LOT 154-155 1503 REV\14239 1503 F.dwg

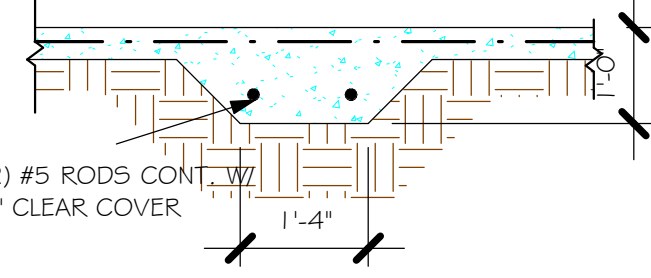




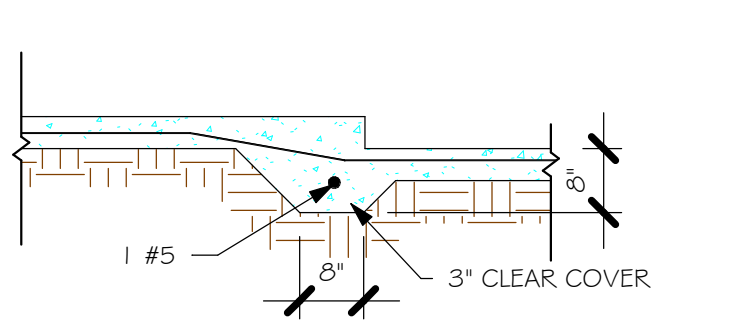
"F3" FOOTING
1/2" = 1'-0"



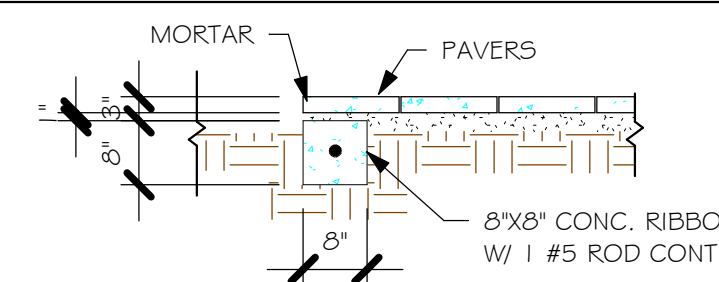
"F3" WITH CURB AT GARAGE
1/2" = 1'-0"



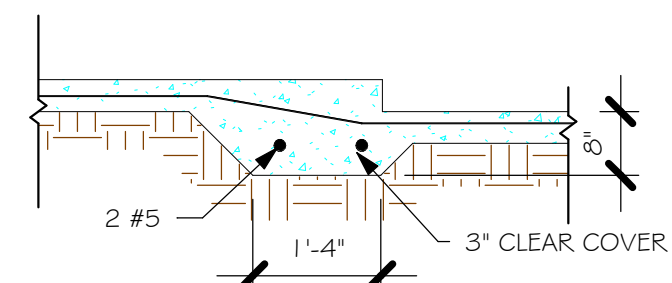
"F5" FOOTING
1/2" = 1'-0"



"F6A"
1/2" = 1'-0"



"P" PAVERS DETAIL ENTRY/ LANAI
1/2" = 1'-0"



"F6" STEP DOWN
1/2" = 1'-0"

PAD FOOTING SCHEDULE

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

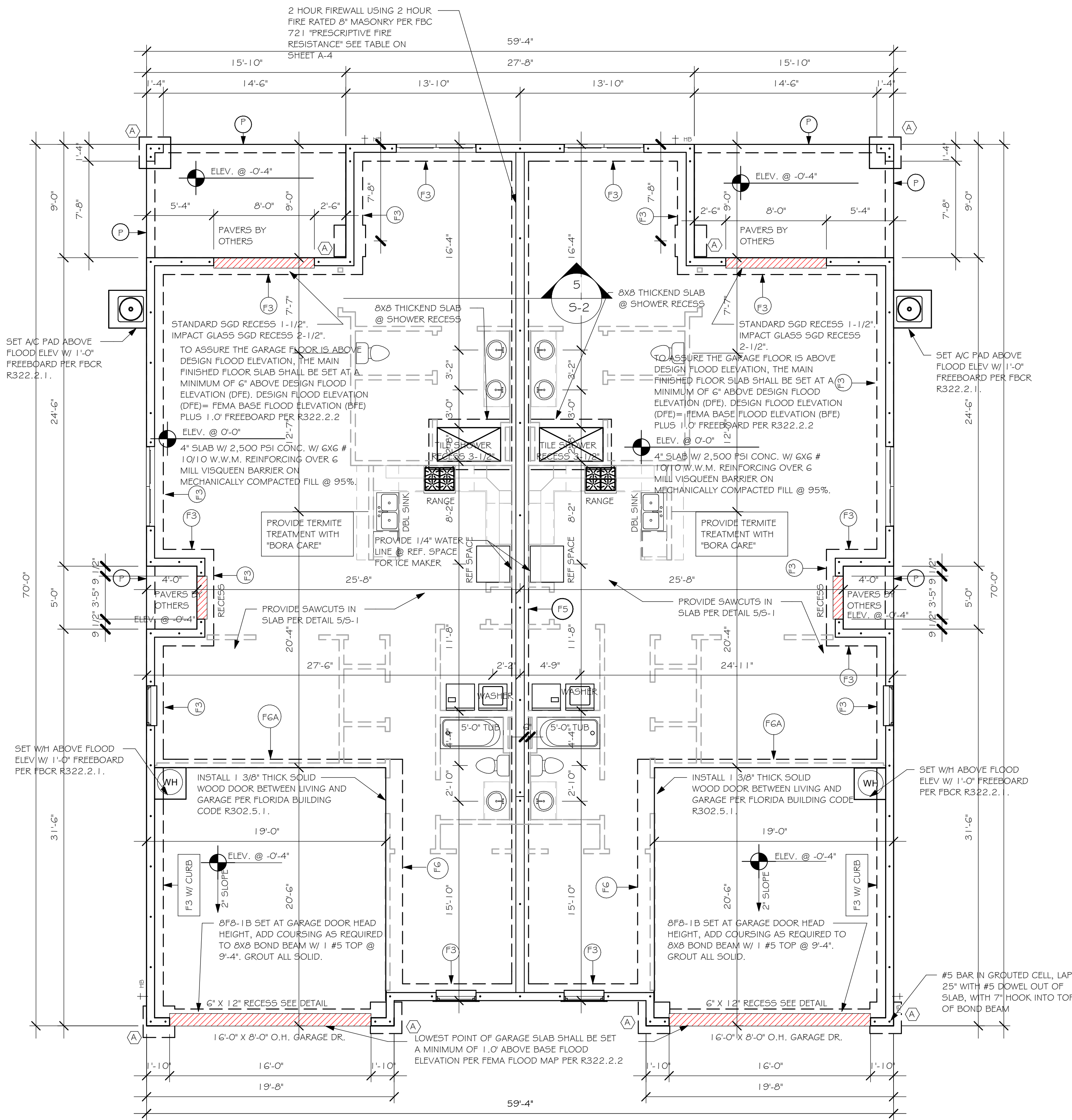
WALL FOOTING SCHEDULE

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

PROVIDE CORNER BARS IN FOOTING
PER DETAIL 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 WINDOW/DOOR SUPPLIER.
 - PROVIDE PRESSURE TREATED BUCKS AT WINDOWS/ DOORS PER DETAIL 7/5-1.



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

DESIGN IN ACCORDANCE WITH THE RESIDENTIAL
FLORIDA BUILDING CODE 2020 - 7TH EDITION

L:\O-New Data\1 - MASTER 2019\2019-BUILDERS\DR HORTON 2019\SUBDIVISIONS\PALENCIA TV\14239 LOT 154-155 1503 REV\14239 1503 F.dwg

DOOR SCHEDULE							
TYPE MARK	DESCRIPTION	COMMENTS	HEIGHT	WIDTH	ZONE 4	ZONE 5	QTY
1	1 6080 OHGD	GARAGE DOOR	8'-0"	16'-0"	+28.2/-31.5	+28.2/-31.5	2
2	2-4080 SL. GL. DR.	IMPACT	8'-0"	8'-0"	+29.4/-33.3	+29.4/-33.3	2
3	3080 ENTRY	DISTINCTION	8'-0"	3'-0"	+33.5/-36.3	+33.5/-44.8	2

WINDOW SCHEDULE							
MARK	DESCRIPTION	COMMENTS	HEIGHT	WIDTH	ZONE 4	ZONE 5	QTY
A	25 SH	IMPACT	5'-5"	3'-4"	+33.5/-36.3	+33.5/-44.8	4
B	2-25 SH	IMPACT	5'-3"	6'-4"	+33.5/-36.3	+33.5/-44.8	4

WIND PRESSURES PER ASCE7-16 160 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. R702.3.5
 - 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 R302.5.1.
 - ALL WINDOWS INSTALLED 72" ABOVE GRADE MUST COMPLY WITH R312.2 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.

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

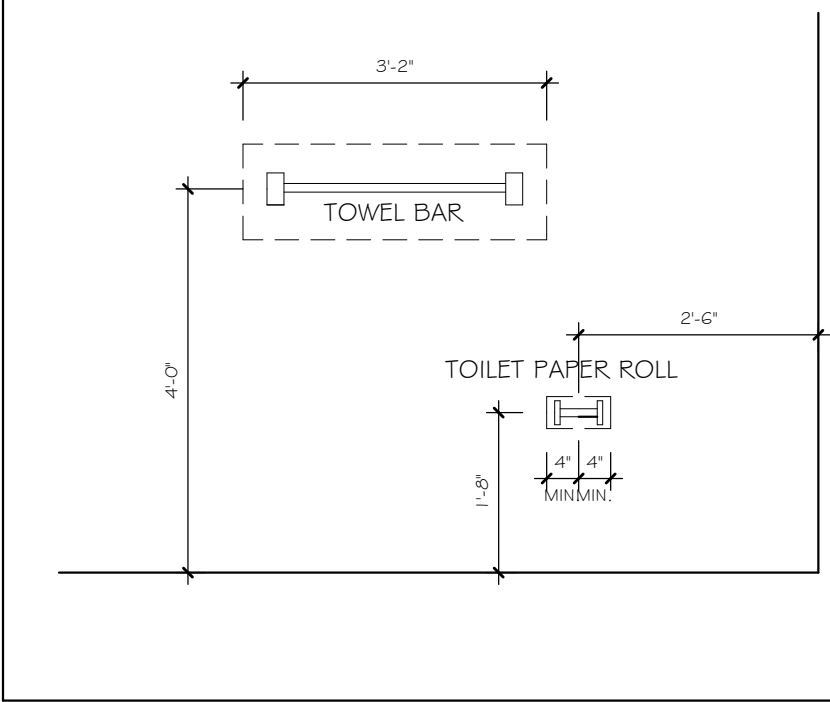
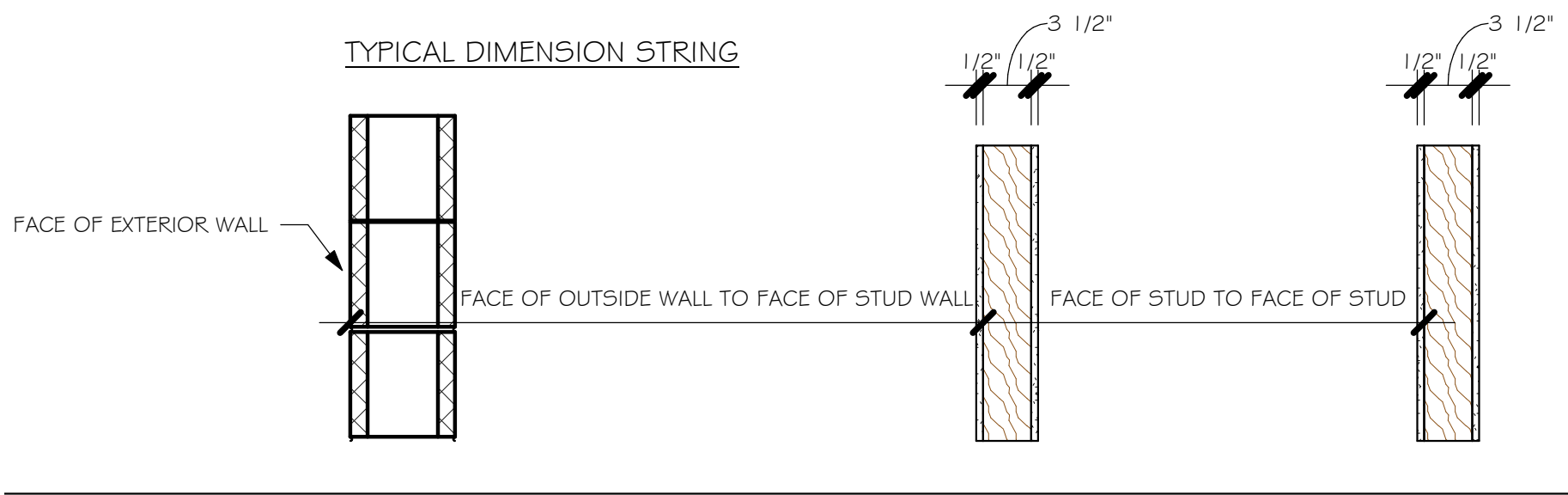
INTERIOR DOOR SCHEDULE		
MARK	DOOR WIDTH	NOTES
1	3'-0"	P.K. = POCKET DOOR
2	2'-8"	B.F. = BI-FOLD DOOR
3	2'-6"	B.P. = BI-PASS DOOR
4	2'-4"	
5	2'-0"	L.V. = LOUVERED DOOR
6	1'-8"	
7	1'-6"	
8	2'-1 1/4"	

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

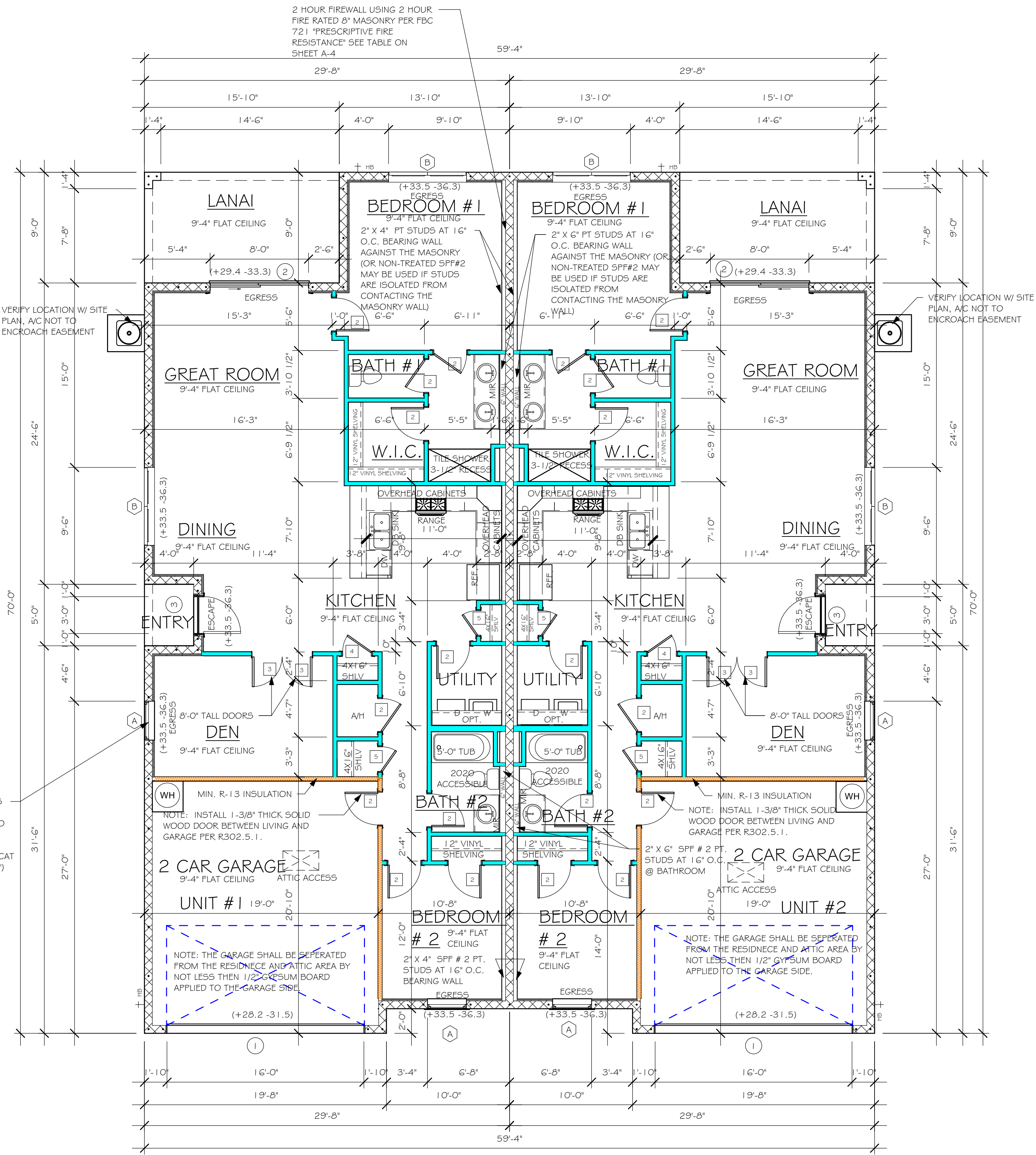
SQUARE FOOTAGE UNIT #2	
LIVING AREA	1,503
GARAGE AREA	391
LANAI AREA	143
FRONT PORCH/ ENTRY AREA	20
TOTAL SQUARE FOOTAGE	2,057

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



(+25.6, -27.7) WIND PRESSURES PER ASCE7-16, 160 MPH, EXPOSURE C, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR. (V_{asd}=132 MPH, RISK CAT II, ENCLOSED, k_d=0.85, H=15.0')



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

DESIGN IN ACCORDANCE WITH THE RESIDENTIAL FLORIDA BUILDING CODE 2020 - 7TH EDITION

TRUSS STRAPPING TO MASONRY			
MAX TRUSS UPLIFT (LBS)	STRAP/ANCHOR Valid lengths x/y/w	FASTENER	
INSTALL METAL G AT ALL TRUSSES TO 1450 LB UPLIFT. FOR HIGHER UPLIFTS, SEE NOTES ON PLAN.	(1) 1450 (1 PLY) 1810 (1 PLY) 1875 (1 PLY) 1920 (1 PLY) 2120 (1 PLY) 1795 (2 OR 3 PLY) 2365 (2 OR 3 PLY) 3965 /DF /SP (2 PLY) 3000 /DF /SP (1 PLY 2x4) 4455 /DF /SP (1 PLY 2x6) 4235 /DF /SP (2 PLY 2x4) 4555 /DF /SP (1 PLY 2x6) 4670 /DF /SP (2 PLY 2x4) 5445 /DF /SP (2 PLY 2x4) 10690 /DF /SP (2 PLY) 10790 /SYP (3PLY)	(1) META1 G/18/20 (1) META1 G/20 (2) META1 G/18/20 (2) META1 G/20 (2) RHETA1 G/20 (2) META1 G/18/20 (2) META1 G/20 MGT HTT4 HTT4 HTT4 HTT5 HTT5 HTT5KT (1)HGT - 2 (1)HGT - 3	(8) 0.148x1-1/2", EMBED 4" (9) 0.148x1-1/2", EMBED 4" (10) 0.148x1-1/2", EMBED 4" (10) 0.148x1-1/2", EMBED 4" (10) 0.148x1-1/2", EMBED 4" (14) 0.162x3-1/2", EMBED 4" (12) 0.162x3-1/2", EMBED 4" (22) 0.148x3" ATR, EPOXY 12" (18) 0.148x1-1/2", 5/8" ATR, EPOXY 12" (18) SD#1 0x1-1/2", 5/8" ATR, EPOXY 12" (18) 0.162x2-1/2", 5/8" ATR, EPOXY 12" (26) SD#1 0x1-1/2", 5/8" ATR, EPOXY 12" (26) 0.148x3", 5/8" ATR, EPOXY 12" (26) SD#1 0x2-1/2", 5/8" ATR, EPOXY 18" (16) 0.148x3", (2) 3/4" ATR, EPOXY 12" (16) 0.148x3", (2) 3/4" ATR, EPOXY 12"

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 CENTERLINE OF WALL.
2. ANY OF THE VALID LENGTHS SHOWN MAY BE USED IN PLACE OF THE LENGTH SPECIFIED ON PLAN.
3. CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS. SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE ENGINEER OF RECORD.
4. WHERE EMBEDDED STRAPS ARE MISSING, OR MIS-LOCATED, INSTALL RETROFIT STRAP PER 10/5-3. PER UPLIFT IN TRUSS ENGINEERING.

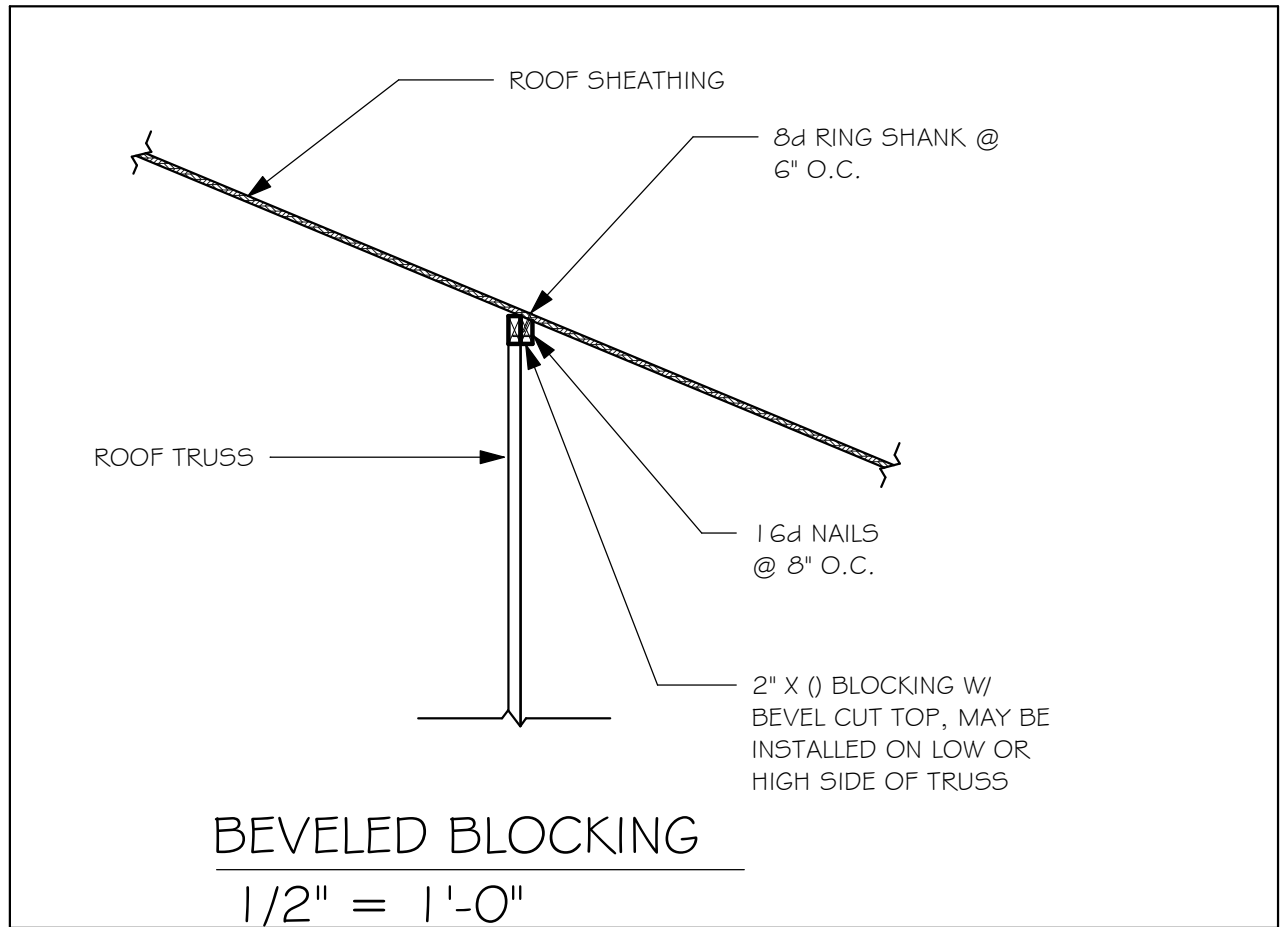
SIMPSON CATALOG C-C- 2021

TRUSS STRAPPING TO STUDWALL/ WOOD BEAM		
MAX TRUSS UPLIFT (LBS)	STRAP(S) Valid lengths x/y/w	FASTENER
850 1700 2550	(1) MTS1 G/20/30 (2) MTS1 G/20/30 (3) MTS1 G/20/30	(14) 0.148x1-1/2" or 3" EACH STRAP
1125 2250 3375 4500	(1) HTS20/24/30 (2) HTS20/24/30 (3) HTS20/24/30 (4) HTS20/24/30	(24) 0.148x1-1/2" OR (20) 0.148x3" EACH STRAP
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. ANY OF THE VALID LENGTHS SHOWN MAY BE USED IN PLACE OF THE LENGTH SPECIFIED ON PLAN. 3. 1-1/2" NAIL SHALL BE USED IN 1 PLY LUMBER, 2 PLY LUMBER IS REQUIRED FOR 3" NAILS. 4. CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS.		
SIMPSON CATALOG C-C- 2021		

MODEL 1503: ATTIC VENTILATION FBCR R806

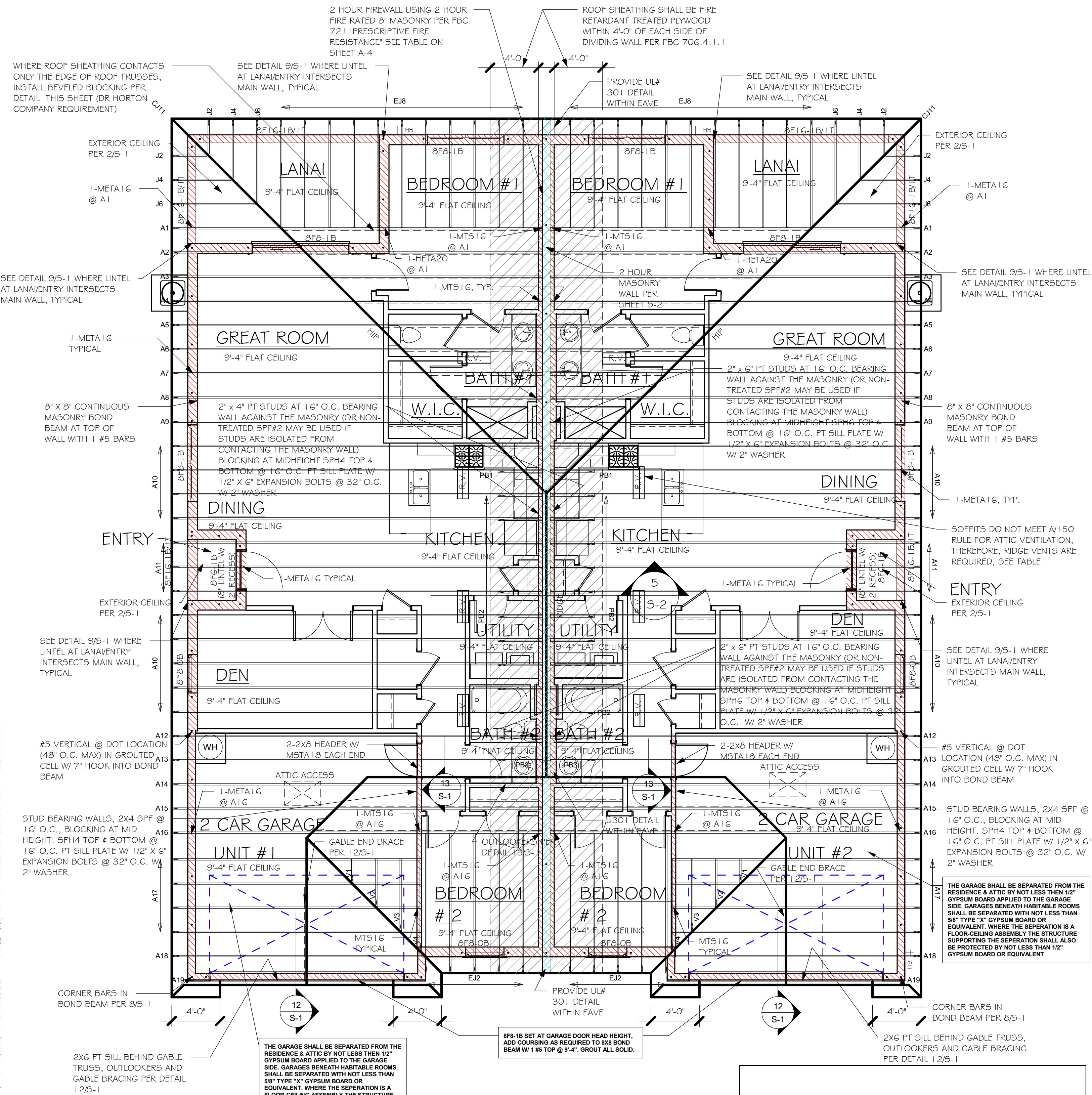
COORDINATE VENTING REQUIREMENTS WITH ENERGY CALCULATIONS

AREAS (SQ. FT.)		SOFFIT ONLY (1/150) (NO ROOF VENTS)	WITH ROOF VENTS (1/300) (R.V.)
ATTIC VENTILATION REQUIRED (ATTIC AREA/150 = 14.55 SQ. FT.)		REQ'D AIR FLOW OF SOFFIT 9.83%	ATTIC VENTILATION REQUIRED (ATTIC AREA/300 = 7.28 SQ. FT.)
MARK	ATTIC	SOFFIT	QUAD 4 SOFFIT HAS
1	2183.0 SQ. FT.	148.0 SQ. FT.	9.83%
		"SOFFIT ONLY" DOES NOT QUALIFY	
		ROOF VENTS ARE REQUIRED	
		SOFFIT MODEL ACM QUAD 4, FULL VENT, NARROW PATTERN, 6.15% FREE AIR FLOW THE ACM QUAD 4 IS ONLY AN EXAMPLE OF WHAT CAN WORK. CONTRACTOR MAY INSTALL ANY BRAND OF VENTED SOFFIT THAT PROVIDES AT LEAST THE REQ'D AIR FLOW SHOWN ABOVE, AND MEETS WIND PRESSURES PER FBC 7/204.	
		ROOF VENT MODEL LOMANCO 770-D 0.97 SQ. FT. FREE AIR	



- PLAN NOTES:
- ROOF TRUSS BEARING ELEVATION VARIES, SEE LEGEND.
 - ROOF 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 DECK, SEE 1 AND 2 ON S-1.
 - 8F8-1B etc., DENOTES PRECAST LINTEL ABOVE DOOR/WINDOW OPENING PER SCHEDULE THIS SHEET.
 - AT TRUSSES BEARING, PROVIDE 8x8 MASONRY BOND BEAM W/ 1 #5 CONTINUOUS, SEE DETAIL 11/5-1.

2 HOUR FIREWALL USING 8" MASONRY PER FBC 721 "PRESCRIPTIVE FIRE RESISTANCE"		
F.B.C. TABLE 722.3.2		
MINIMUM EQUIVALENT THICKNESS' (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, GINDERS, OR UNEXPANDED SLAG	4.0"	
4. CALCAREOUS OR SILICEOUS GRAVEL	4.2"	
FOR THE 2 HOUR FIREWALL, PURCHASE ONLY BLOCK WITH 2 HOUR FIRE RATED MARKING, LABEL OR DOCUMENTATION.		



TRUSS BEARING CONDITIONS AND STRAPPING
BASED ON TRUSS LAYOUT PREPARED BY
SCOSTA JOB# DR1503-160C DATED: 02/17/21
REVISED: NONE

D-R HORTON
America's Builder

Gulf Coast
Drafting & Design, Inc.

EMAIL: PLANS@GULFCOASTDRAFTING.COM
PHONE: 395-540-6222
1515 SE 47th ST. CAPE CORAL, FL 33904

STRUCTURAL ENGINEERING
OF
FLORIDA
REGISTERED PROFESSIONAL ENGINEER
NO. 12599
DATE: 02/17/21
BY: JWC
CHECKED: JWC
REVIS: JWC

LOT: 154, 155
SUBDIVISION: PALENCIA TV5
ADDRESS: 395,399 IBIZA LOOP
D.R.H. #: 57982023.1,232
GCD JOB # 14239

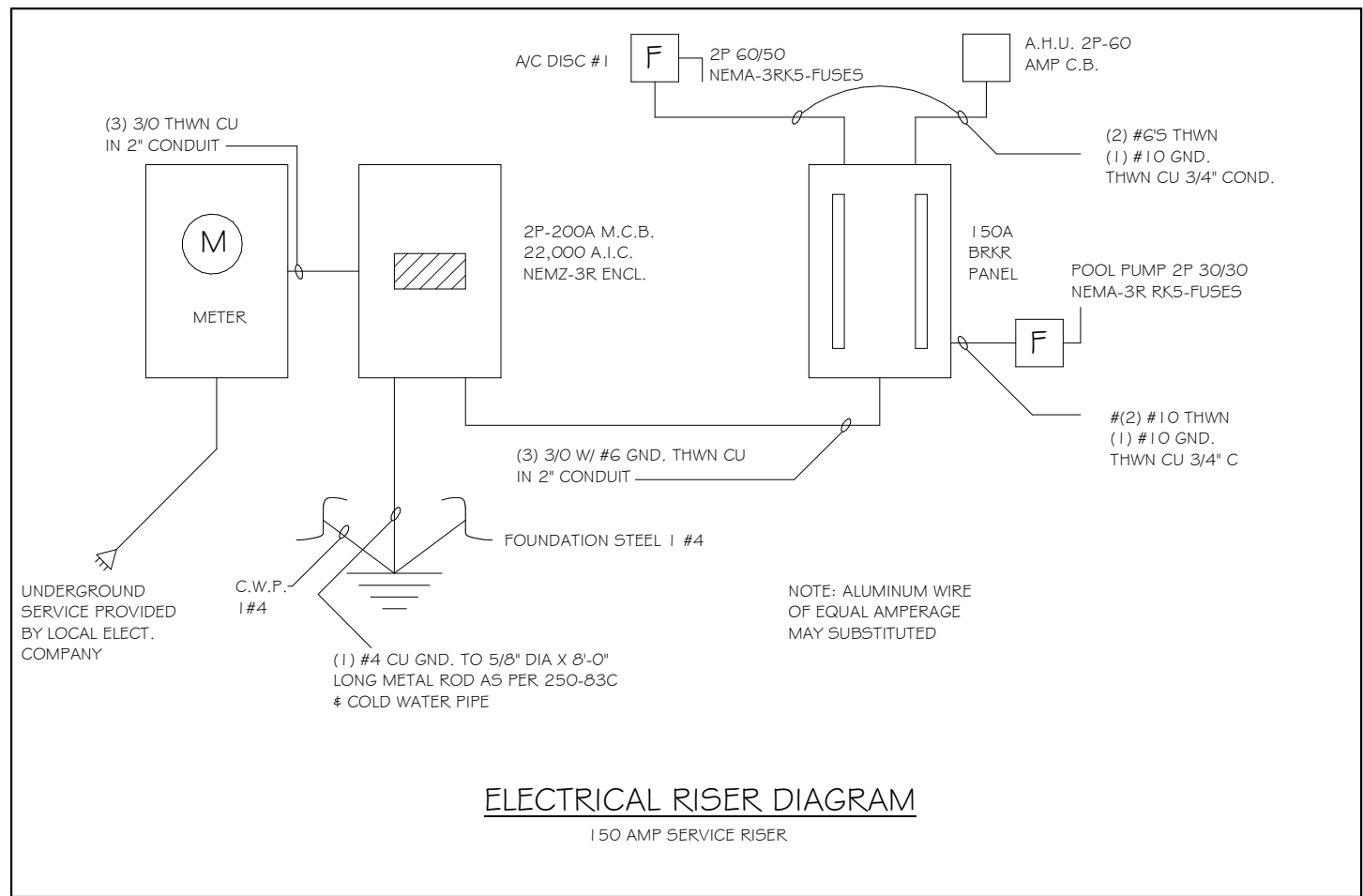
DATE: 03/03/22
DRAWN BY: CWL
CHECKED BY: JWC
REVISED:
PLAN: ROOF
SCALE: As indicated

MODEL 1503
VILLA F
A-4

L:\Q-New Data\1 - MASTER 2019\2019-BUILDERS\DR HORTON 2019\SUBDIVISIONS\PALENCIA

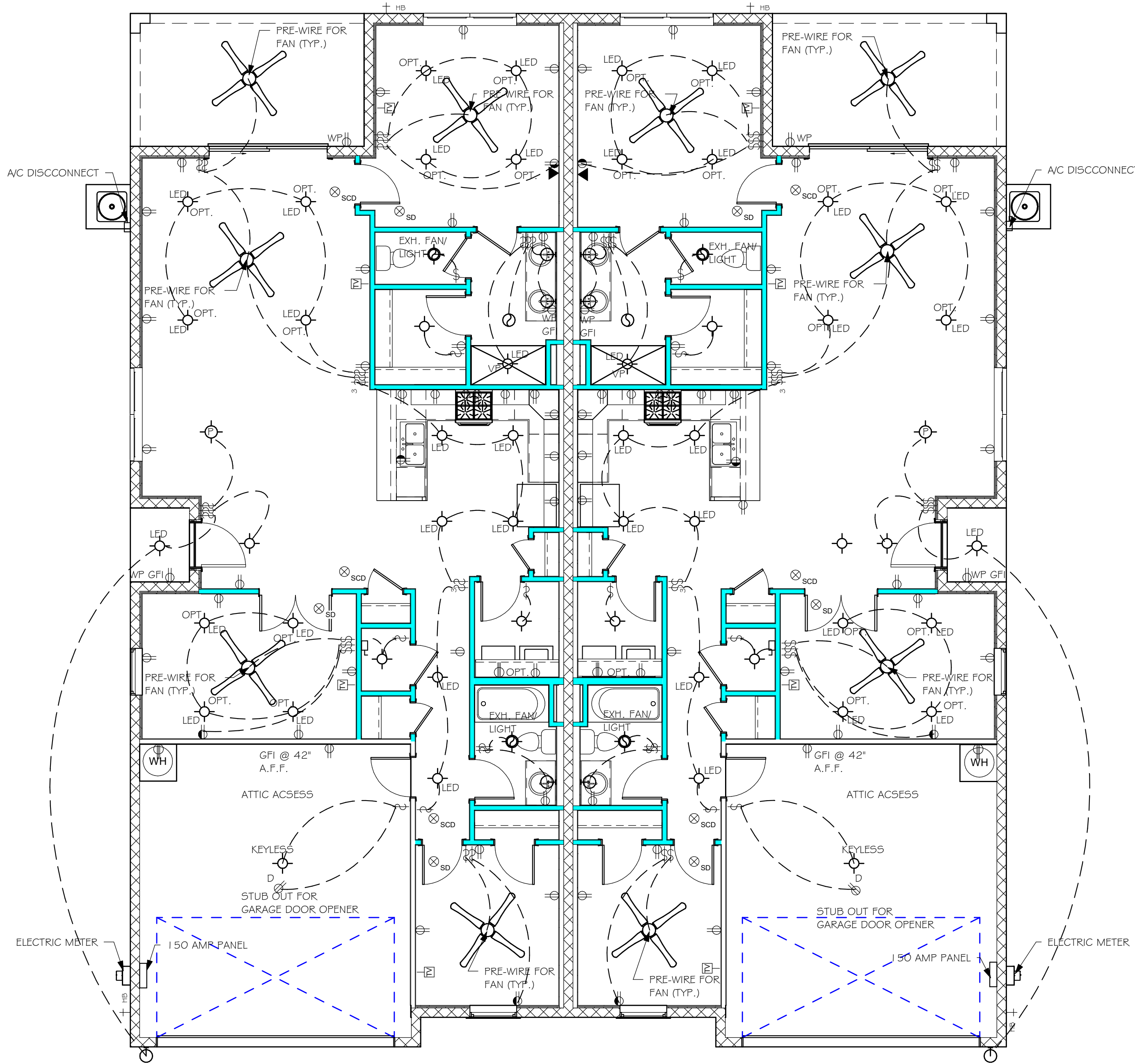
TV\14239 LOT 154-155 1503 REV\14239 1503 F.dwg

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 BASIC FLOOD ELEVATION 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 2017.	



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 SIZE 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 OUT 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
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GENERAL NOTES

- ## 2 DOOR AND WINDOW ANCHORAGE

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

MASONRY OPENING

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

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

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

GENERAL ROOF ASSEMBLY

ROOF SHEATHING FBRC TABLE R803.2.2
SHALL BE 1/32 APA RATED SHEATHING, EXPOSURE 1, SPAN RATING 40/20 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. FOR FASTENING, SEE
STRUCTURAL.

FLASHING

FLASHING SHALL BE ALUMINUM, ALUMINUM ZINC COATED STEEL 0.0179" THICK, 26 GAUGE AZ50 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 MANUFACTURERS 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.

ASPHALT SHINGLE ROOF SPEC'S

SHINGLES

30# 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. FOR FASTENING, SEE STRUCTURAL. INSTALLATION SHALL COMPLY WITH MANUFACTURERS REQUIREMENTS FOR INSTALLATION IN THE GIVEN FLORIDA WIND ZONE, AS DETERMINED BY ASTM D 3161.

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:

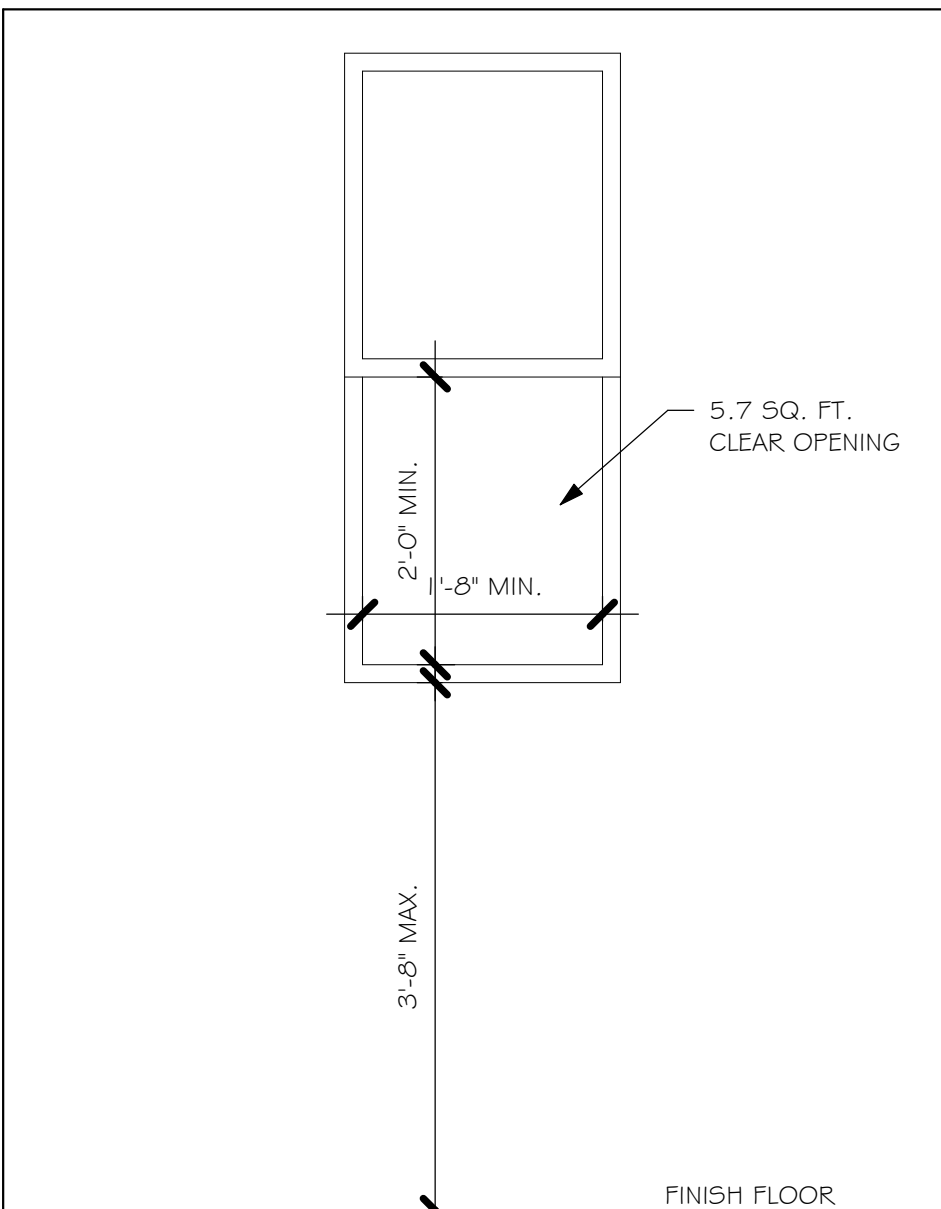
1. TILE PLACEMENT AND SPACING,
2. ATTACHMENT SYSTEM NECESSARY TO COMPLY

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.



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).

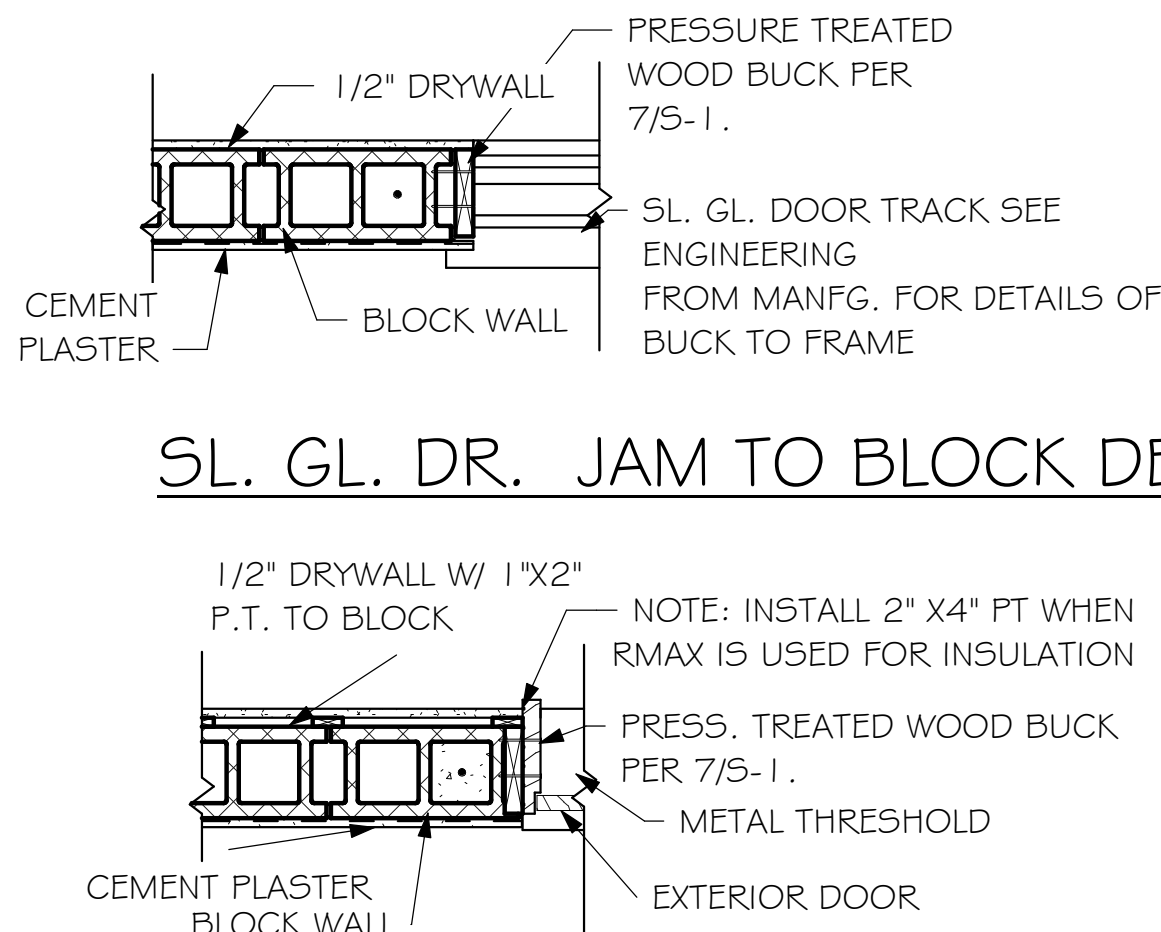
R310.2.1 MINIMUM OPENING WIDTH- THE MINIMUM NET CLEAR OPENING WIDTH SHALL BE 20 INCHES (508mm).

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.

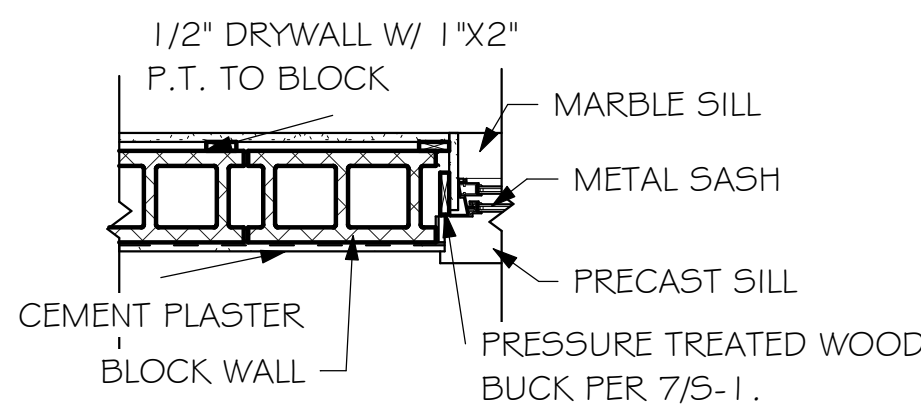
R310.2.3 WINDOW WELLS- THE MINIMUM HORIZONTAL AREA OF THE WINDOW WELL SHALL BE 9 SQUARE FEET (0.84 m²), WITH A MINIMUM HORIZONTAL PROJECTION AND WIDTH OF 36 INCHES (914mm). THE AREA OF THE WINDOW WELL SHALL ALLOW THE EMERGENCY ESCAPE AND RESCUE OPENING TO BE FULLY OPENED.

MINIMUM EGRESS WINDOW DETAIL

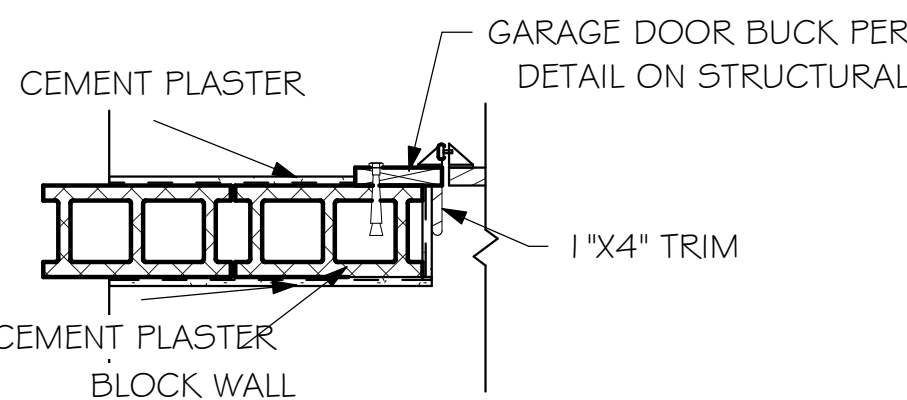
SL. GL. DR. JAM TO BLOCK DETAIL



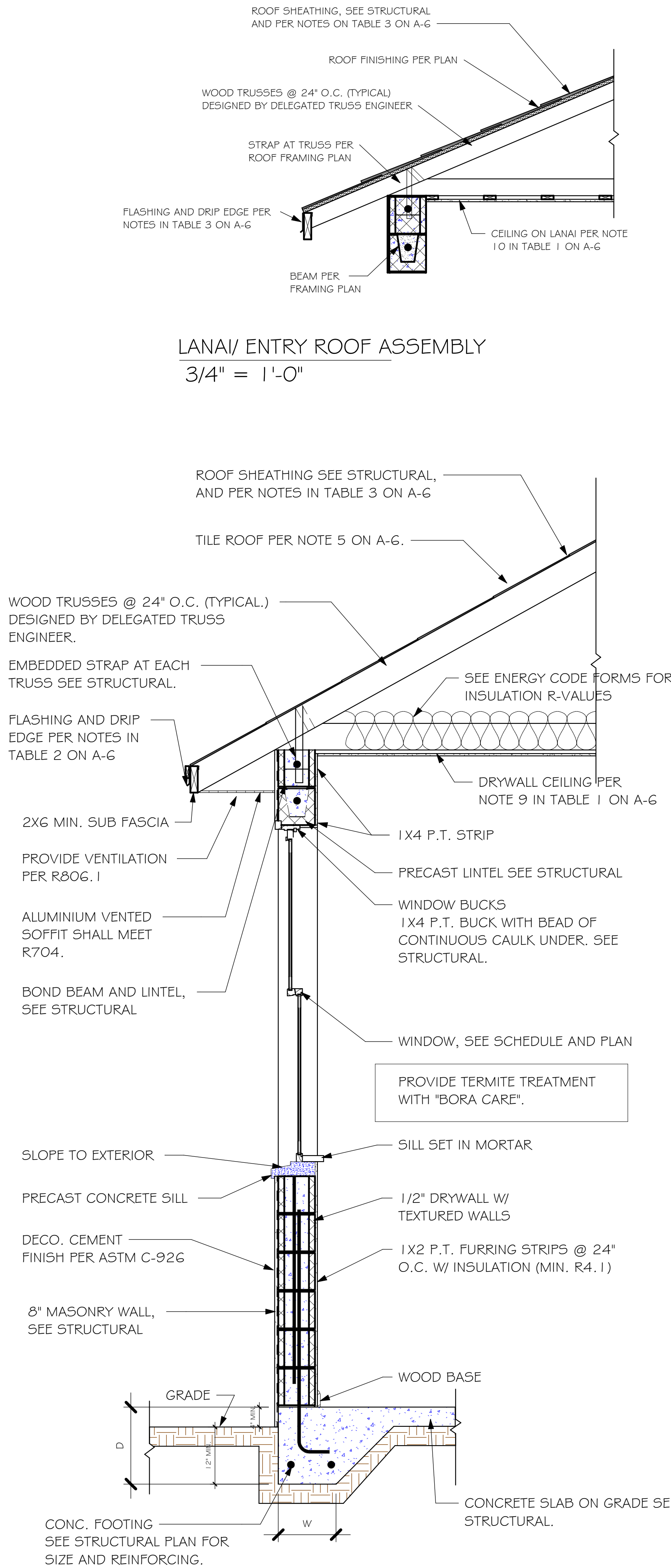
DOOR JAM TO BLOCK DETAIL



WINDOW JAM TO BLOCK DETAIL

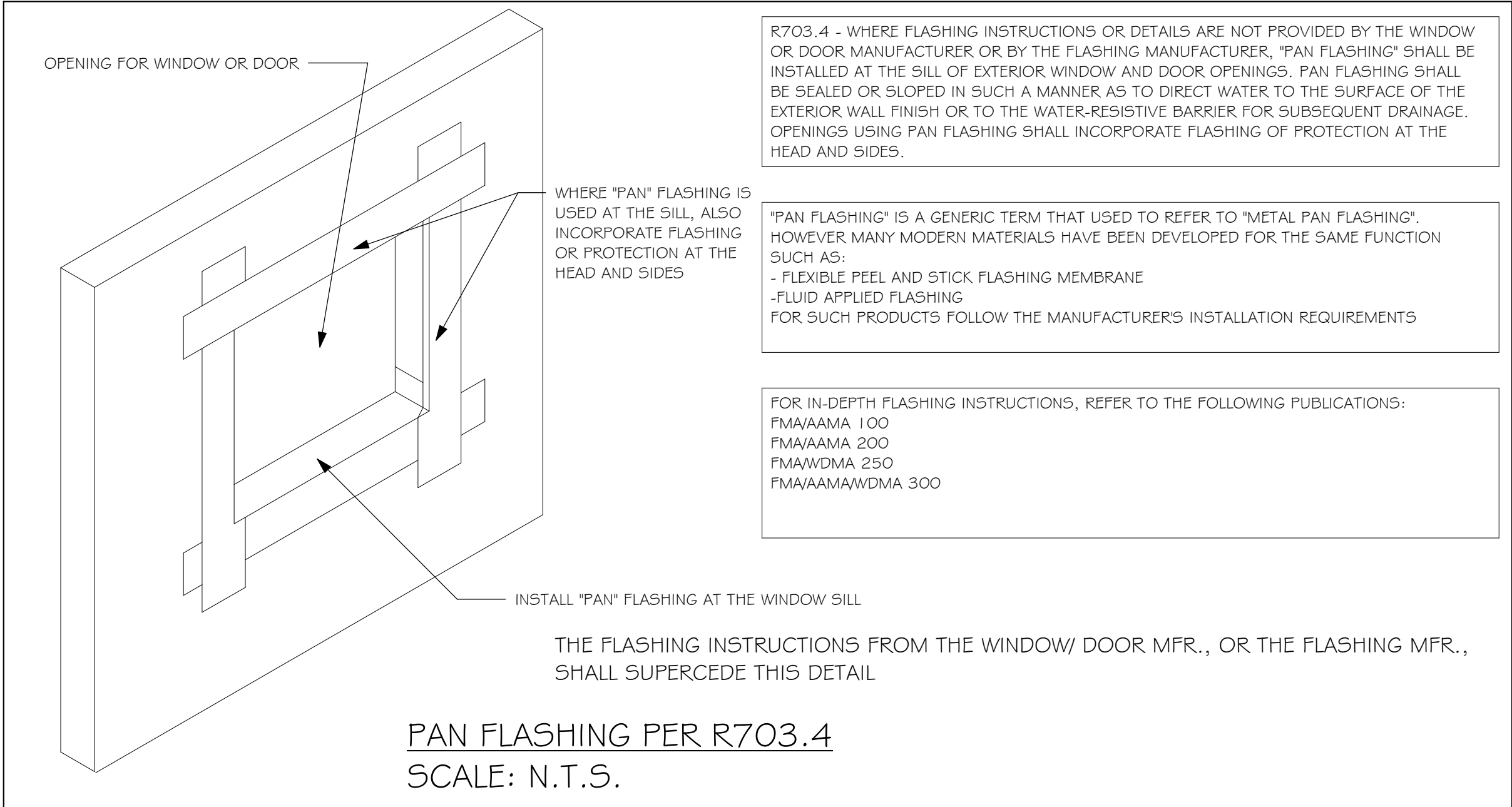
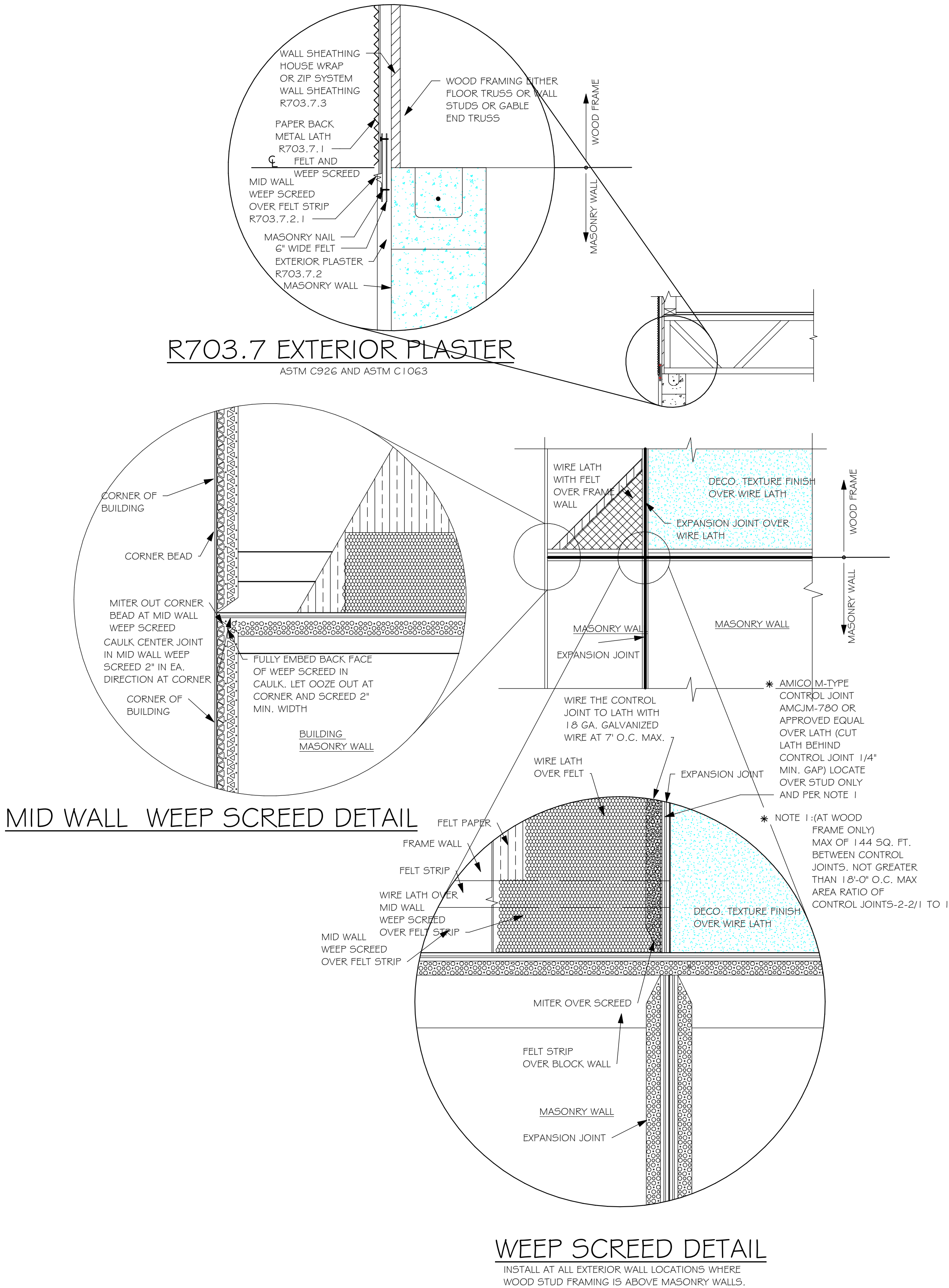


GARAGE DOOR JAM DETAIL



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L:\O-New Data\1 - MASTER 2019\2019-BUILDERS\DR HORTON 2019\SUBDIVISIONS\PALENCIA
TV\14239 LOT 154-155 1503 REV\14239 1503 F.dwg



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: 154, 155 SUBDIVISION: PALENCIA TV's ADDRESS: 395,399 IBIZA LOOP D.R.H. #: 579820231,232	
MODEL 1503 VILLA F GCD JOB # 14239	
DATE: 03/03/22 DRAWN BY: CWL CHECKED BY: JWC REVISED:	
PLAN: INTERIOR WALL SECTIONS SCALE: As indicated	
A-7	

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