

JOB No.	MASTER
DATE DRAWN	2/8/2018
DATE PRINTED	2/9/2021

GENERAL TRUSS ENGINEERING CRITERIA & DESIGN LOADS	
DESIGN CODE	FBC2020/TP12014
WIND CODE	MWFRS (Directional)/C-C HYBRID WIND ASCE 7-16
WIND LOAD	160 MPH
EXPOSURE CATEGORY	C
OCCUPANCY CATEGORY	II
IMPORTANCE FACTOR	1.0
WIND DURATION FACTOR	1.60
OPENING CONDITIONS	ENCLOSED
TRUSSES HAVE BEEN DESIGNED FOR A 10.0 PSF BOTTOM CHORD LIVE LOAD NONCONCURRENT WITH ANY OTHER LIVE LOADS	
TRUSS LOADING	ROOF
TCLL	20 PSF
TCDL	20 PSF
BCLL	0 PSF
BCDL	10 PSF
TOTAL	50 PSF
DURATION	1.25
TCDL / TO RESIST UPLIFT	5 PSF
BCDL / TO RESIST UPLIFT	5 PSF

CAUTION!!

DO NOT ATTEMPT TO ERECT TRUSSES WITHOUT REFERRING TO THE ENGINEERING DRAWINGS AND BSCI-B1 SUMMARY SHEETS.

ALL PERMANENT BRACING MUST BE IN PLACE PRIOR TO LOADING TRUSSES. (ie. SHEATHING, SHINGLES, ETC.)

ALL INTERIOR BEARING WALLS MUST BE IN PLACE PRIOR TO INSTALLING TRUSSES.

REFER TO FINAL ENGINEERING SHEETS FOR THE FOLLOWING.

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

WARNING
BACK CHARGES WILL NOT BE
ACCEPTED REGARDLESS OF FAULT
WITHOUT PRIOR NOTIFICATION BY
CUSTOMER WITHIN 48 HOURS AND
INVESTIGATION BY Builders FirstSource.
NO EXECEPTIONS.

THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CONNECTIONS OTHER THAN TRUSS TO TRUSS, GABLE SHEAR WALL, AND CONNECTIONS. TEMPORARY AND PERMANENT BRACING, AND CEILING AND ROOF DIAPHRAM CONNECTIONS.

ROOF PITCH	5/12
CEILING PITCH	FLAT
TOP CHORD SIZE	2 x 4 MIN.
BOTTOM CHORD SIZE	2 x 4 MIN.
OVERHANG LENGTH	N/A
CANTILEVER	14 1/2'
END CUT	PLUMB
FLOOR TRUSS SPACING	N/A
ROOF TRUSS SPACING	24"

BUILDER	DR Horton
PROJECT	2540 M EXT. LAN. LH
MODEL	2540
ADDRESS	--
CITY, STATE	--
LOT	--
COUNTY	--
DRAWN BY	D.W.
ENG. BY	D.W.

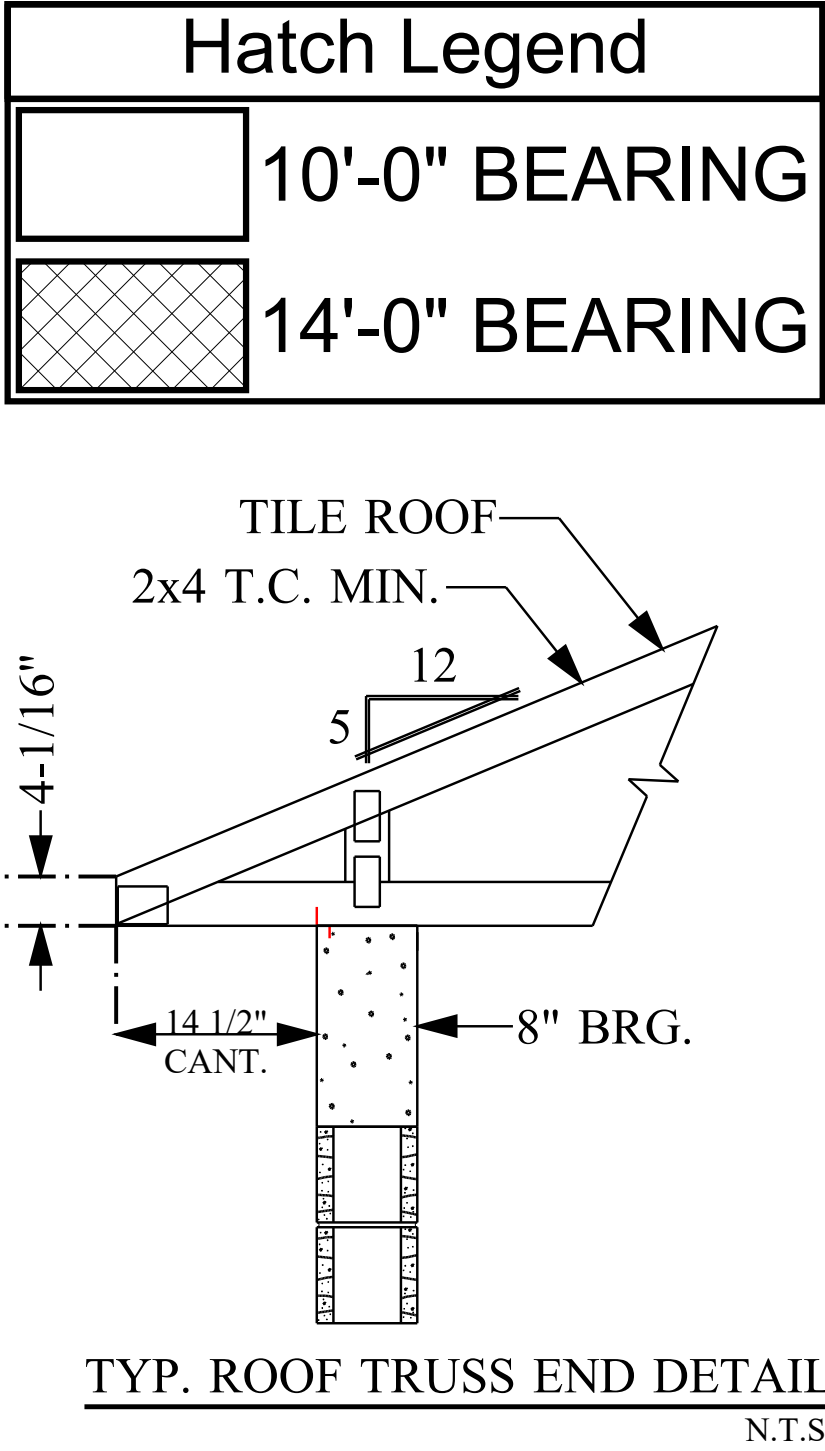
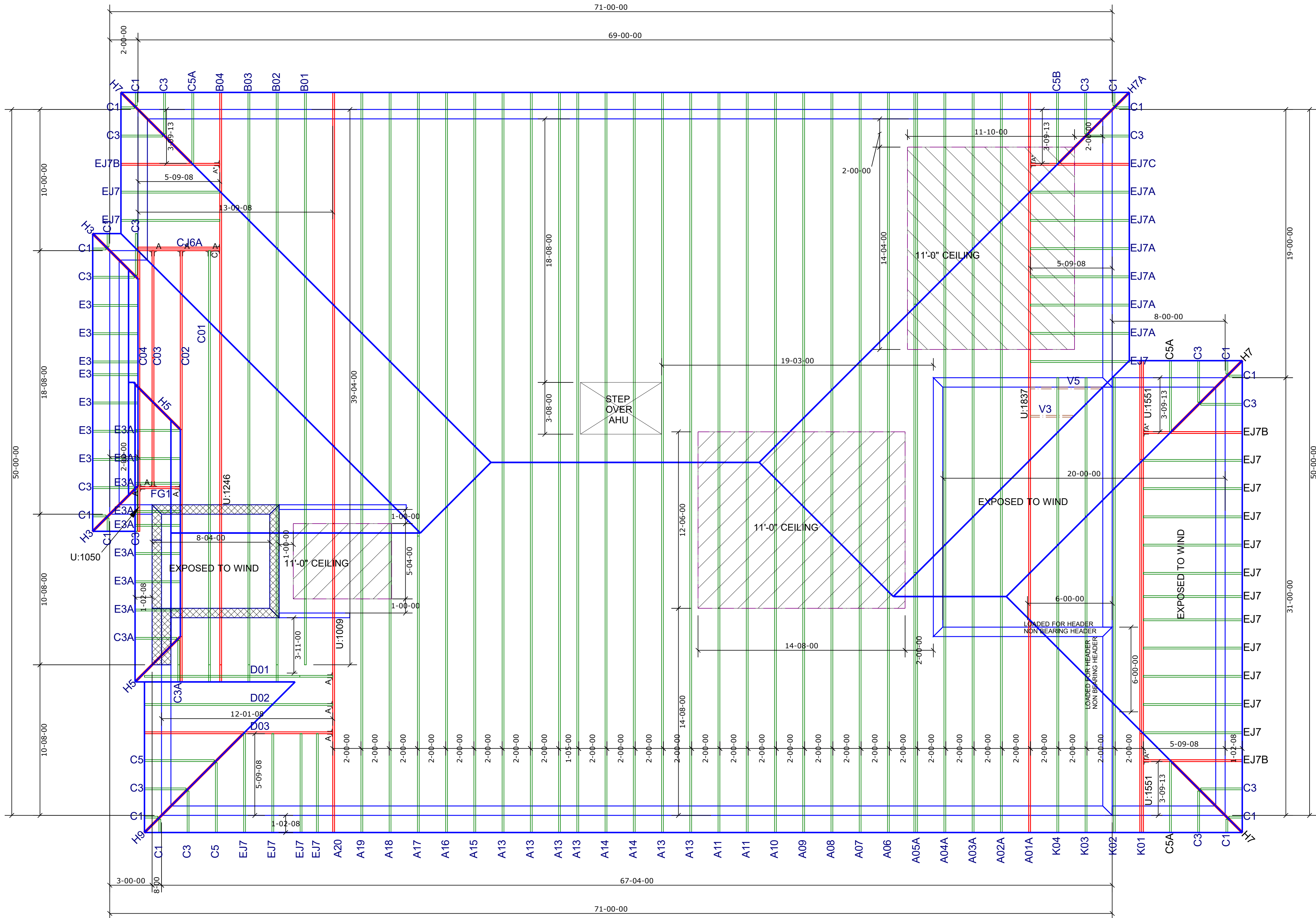
REVISIONS			
No.	DATE	NOTES	BY
1	2/9/2021	Change code to FBC2020/TPI2014	D.W.

IMPORTANT

This Drawing Must Be Approved And Returned
Before Fabrication Will Begin. For Your Protection
Check All Dimensions And Conditions Prior To
Approval Of Plan.

SIGNATURE BELOW INDICATES ALL NOTES
AND DIMENSIONS HAVE BEEN ACCEPTED.

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



SIMPSON ROOF AND FLOOR TRUSS HANGER SCHEDULE							
ID	QTY/R#	QTY/FL	MODEL	FLOOR	ROOF	UPLIFT	SYMBOL
A*	4	0	LUS24	725	895	490	J A*
A	9	0	HTU26	2940	3200 / 3600	1250 / 1555	J L A
B	0	0	HTU28	3820	3895 / 4680	1235 / 2140	J B
C	1	0	HTU26-2	2940	3600	1515 / 2175	J C
D	0	0	HTU28-2	3820	4310 / 4680	1530 / 3485	J D
E	0	0	HGU26-2	4355	5320	2155	J E
F	0	0	HGU28-2	7460	7460	3235	J F
G	0	0	HGU26-3	4355	5230	2155	J G
H	0	0	HGU28-3	7460	7460	3235	J H
I	0	0	HGU210-4	9100	9100	4095	J I
J	0	0	SUL26	865	1055	765	J J
K	0	0	SUR26	865	1055	765	J K
L	0	0	SUL210	1440	1760	1250	J L
M	0	0	SUR210	1440	1760	1250	J M
N	0	0	THJA26	2680	3265	960	J N
O	0	0	HJC26	2385	2980	1840	J O
P	N/A	0	HHUS46	2790	3410	1550	J P
Q	N/A	0	THA422	2245	2245	1855	J Q
R	N/A	0	THAC422	2245	2245	1855	J R
S	N/A	0	THA426	2435	2435	1855	J S

NOTE: UPLIFT VALUE FOR THA422, THAC422, THA426 HANGERS APPLY ONLY TO FACE MOUNT INSTALLATION

(1) PLY

LUS24

(1) PLY

HTU26, HTU28

(2) PLY

HTU26-2, HTU28-2
HGU26-2, HGU28-2

(3) PLY

HGU26-3, HGU28-3

CORNER HIP

THA26

CORNER HIP

HJC26

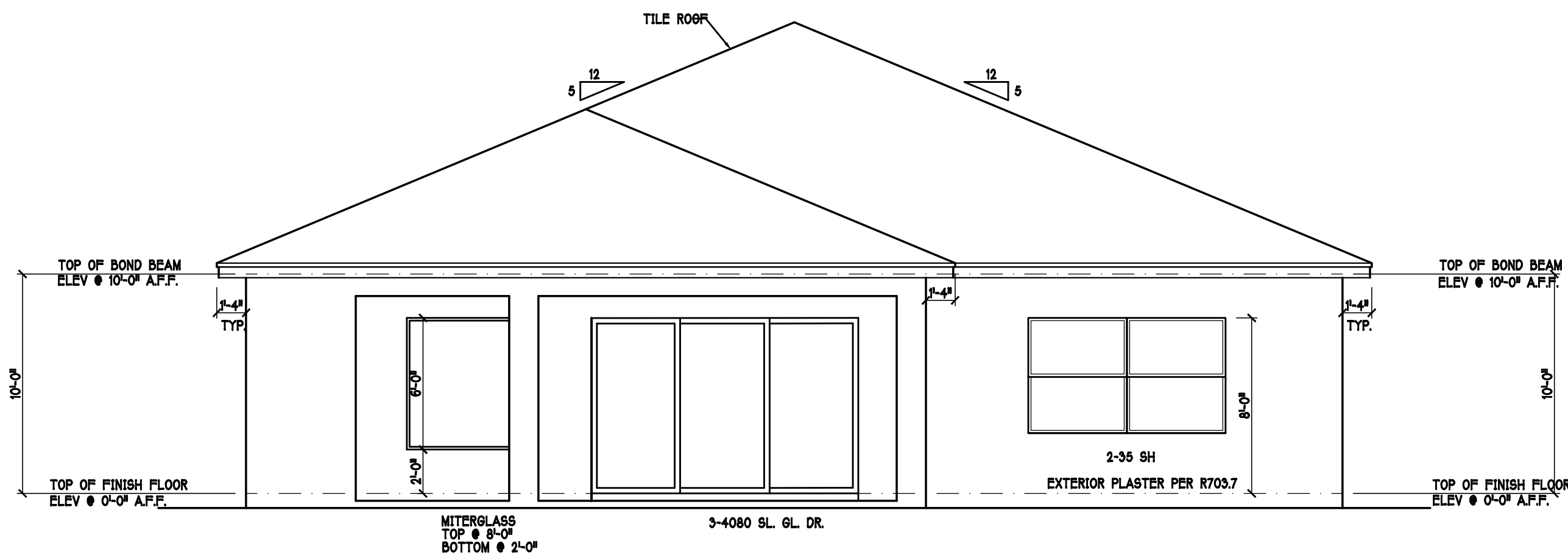
(1) PLY FLR. TRUSS

HHUS46

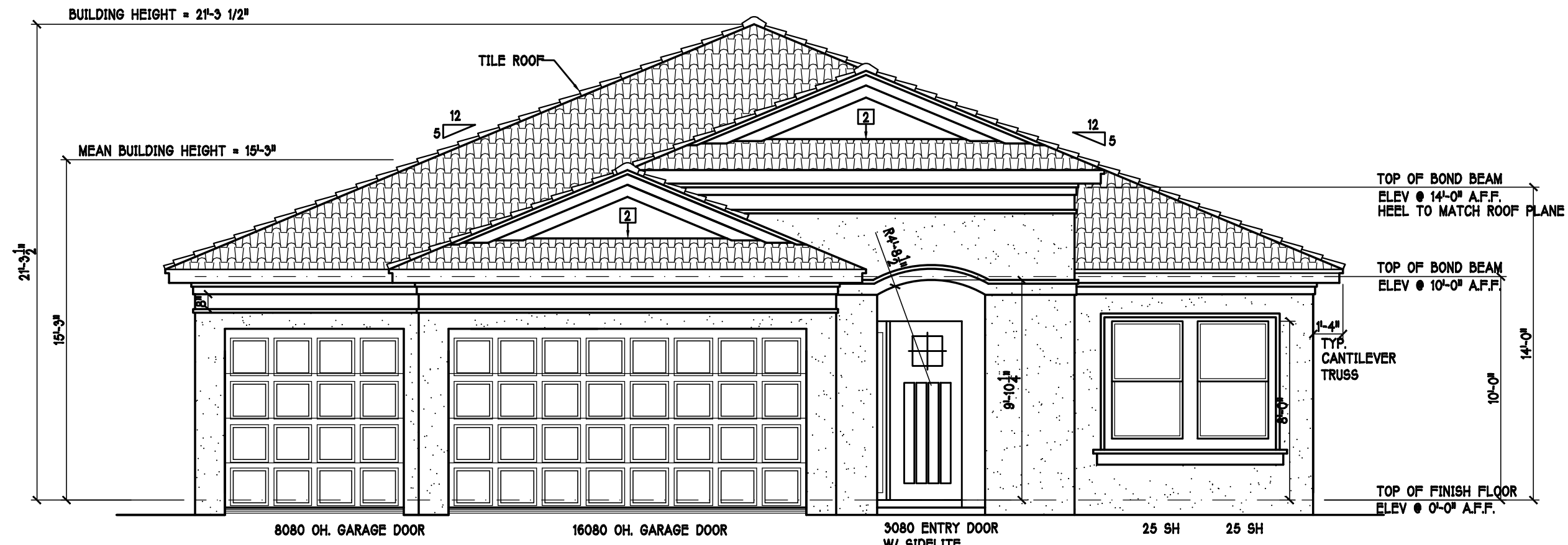
(1) PLY FLR. TRUSS

THA422, THAC422
THA426 SIMILAR

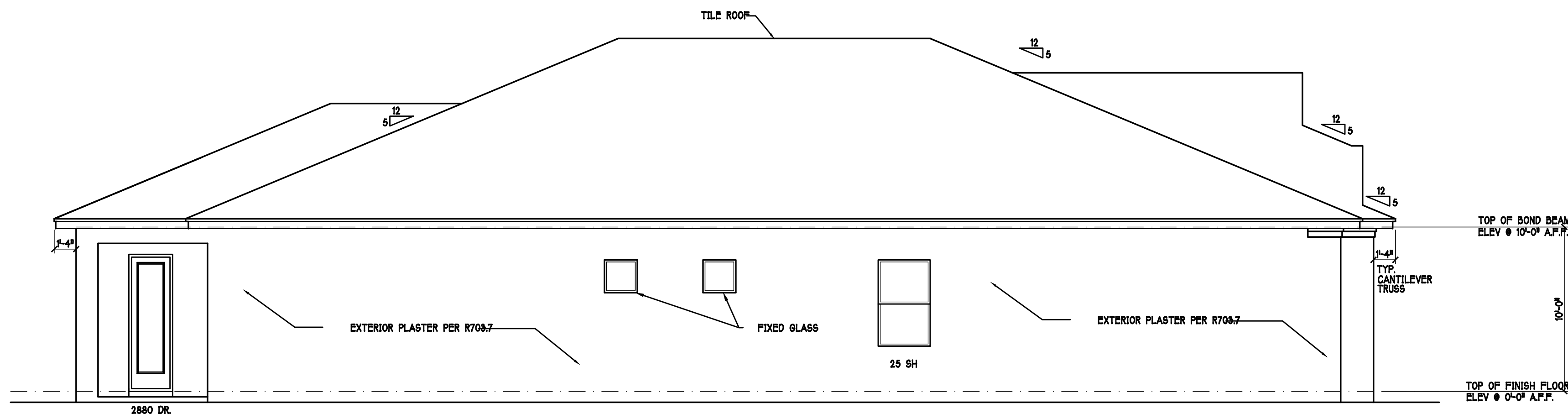
- NOTES:
- 1) ALL DIMENSIONS ARE FEET-INCHES-SIXTEENTHS.
 - 2) DO NOT CUT OR ALTER TRUSSES IN ANY WAY.
 - 3) ALL REACTIONS ARE UNDER 5000 LBS. UNLESS NOTE OTHERWISE.
 - 4) ALL UPLIFTS ARE UNDER 1000 LBS. UNLESS NOTED OTHERWISE.
 - 5) FRAMING REQUIRED BELOW TRUSSES TO GET DESIRED CEILING CONDITIONS.
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



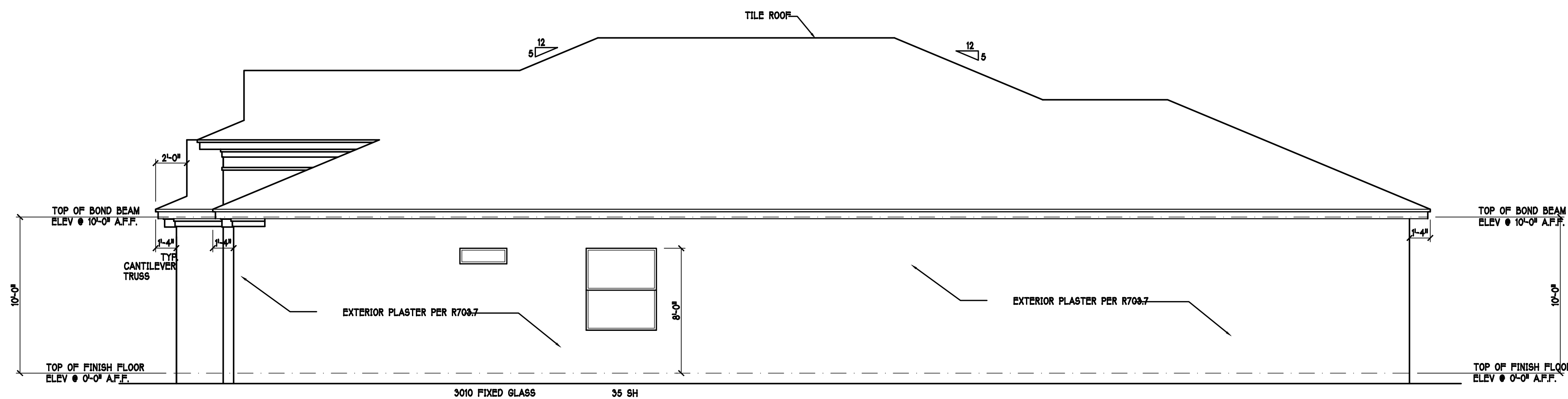
REAR ELEVATION: 1/16" SCALE: 3/16" = 1'-0"



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



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

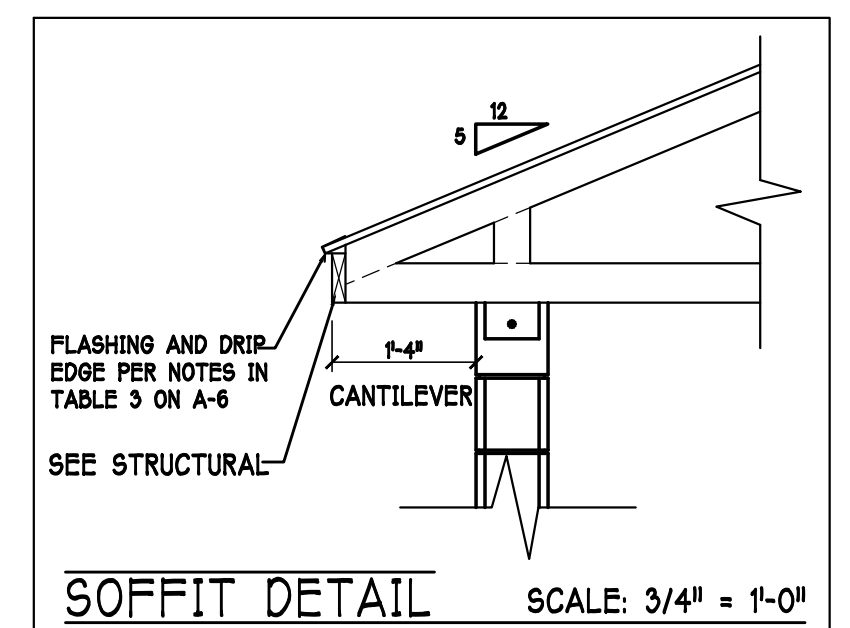
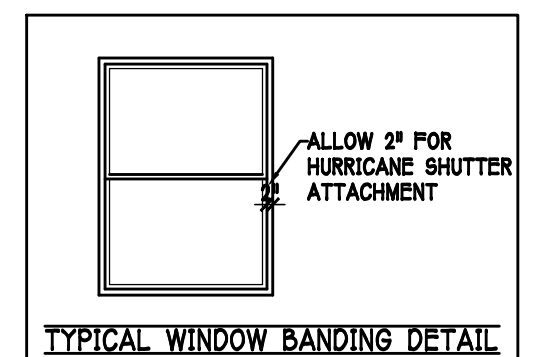
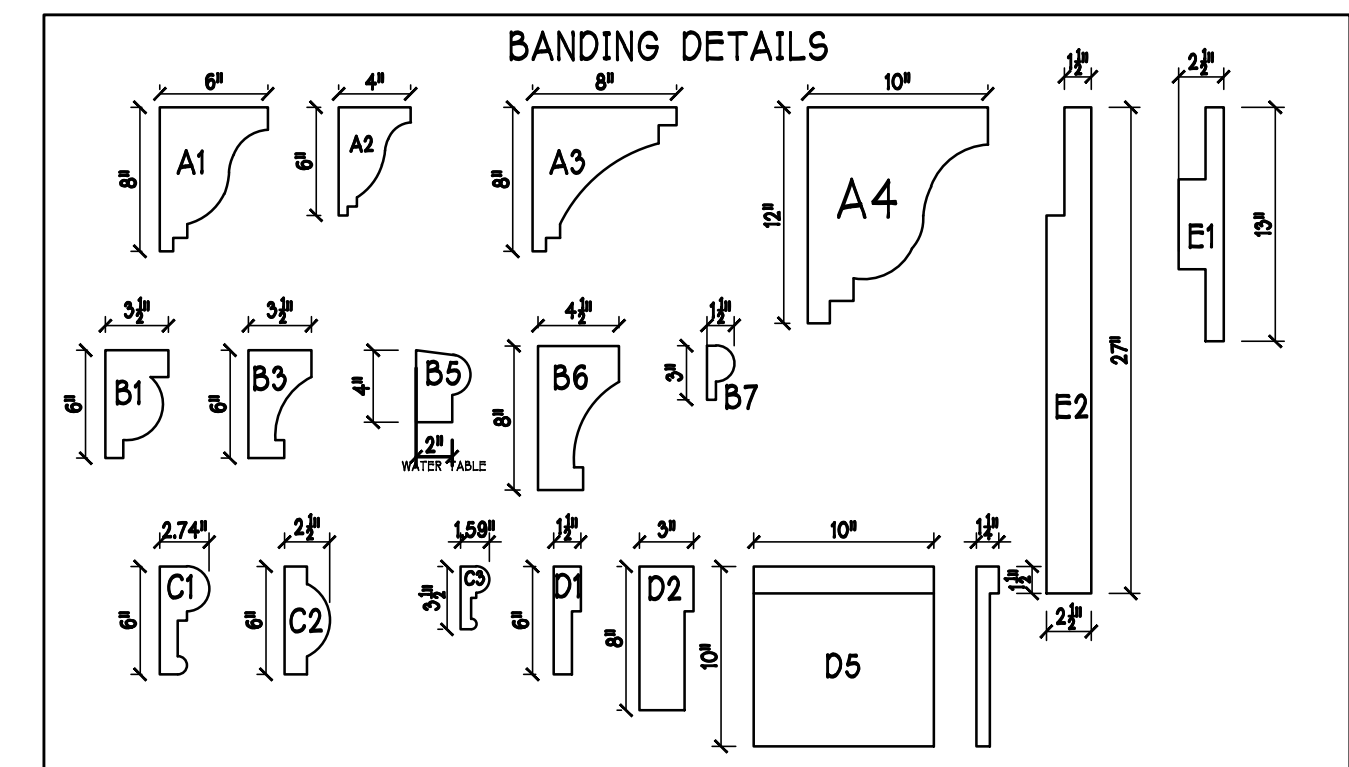


RIGHT ELEVATION: 1/16" SCALE: 3/16" = 1'-0"

FLORIDA BUILDING CODE 7TH EDITION

OCCUPANCY: FBC 310.5 RESIDENTIAL GROUP R-3 CONSTRUCTION TYPE: V-S (FIRE RESISTANCE RATING 0 HOURS, NOT SPRINKLED) CODES TO BE USED BY OTHER DESIGN PROFESSIONALS AND LICENSED CONTRACTORS: 2020 FLORIDA BUILDING CODE, 7TH EDITION, RESIDENTIAL, ACCESSIBILITY, ENERGY CONSERVATION, PLUMBING, MECHANICAL, AND FUEL GAS, ELECTRICAL IS CONTAINED BY REFERENCE WITHIN FBC RESIDENTIAL CHAPTER 34: NFPA 70-17 NATIONAL ELECTRICAL CODE.

- 1 MID-WALL WEEP SCREED AT WOOD-MASONRY INTERFACE. INSTALL STRICTLY PER MFG. INSTRUCTIONS
- 2 ROOF / WALL WEEP SCREED INSTALL STRICTLY PER MFG. INSTRUCTIONS



DESIGN IN ACCORDANCE W/ THE 2020 FLORIDA BUILDING CODE- 7TH EDITION

D.R. HORTON
America's Builder

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

MODEL:
2540 M W/ EXT LANAI

LOT: 13 BLOCK:
SUBDIV: MAGNOLIA III 60s

RESIDENCE FOR:
ADDRESS: 19113 CHERRY FLOWER COURT
G.C.D.#: 13721 D.R.H.#: 579970013

DATE:
11-01-21

DRAWN BY:
CWL

CHECKED BY:
JWC

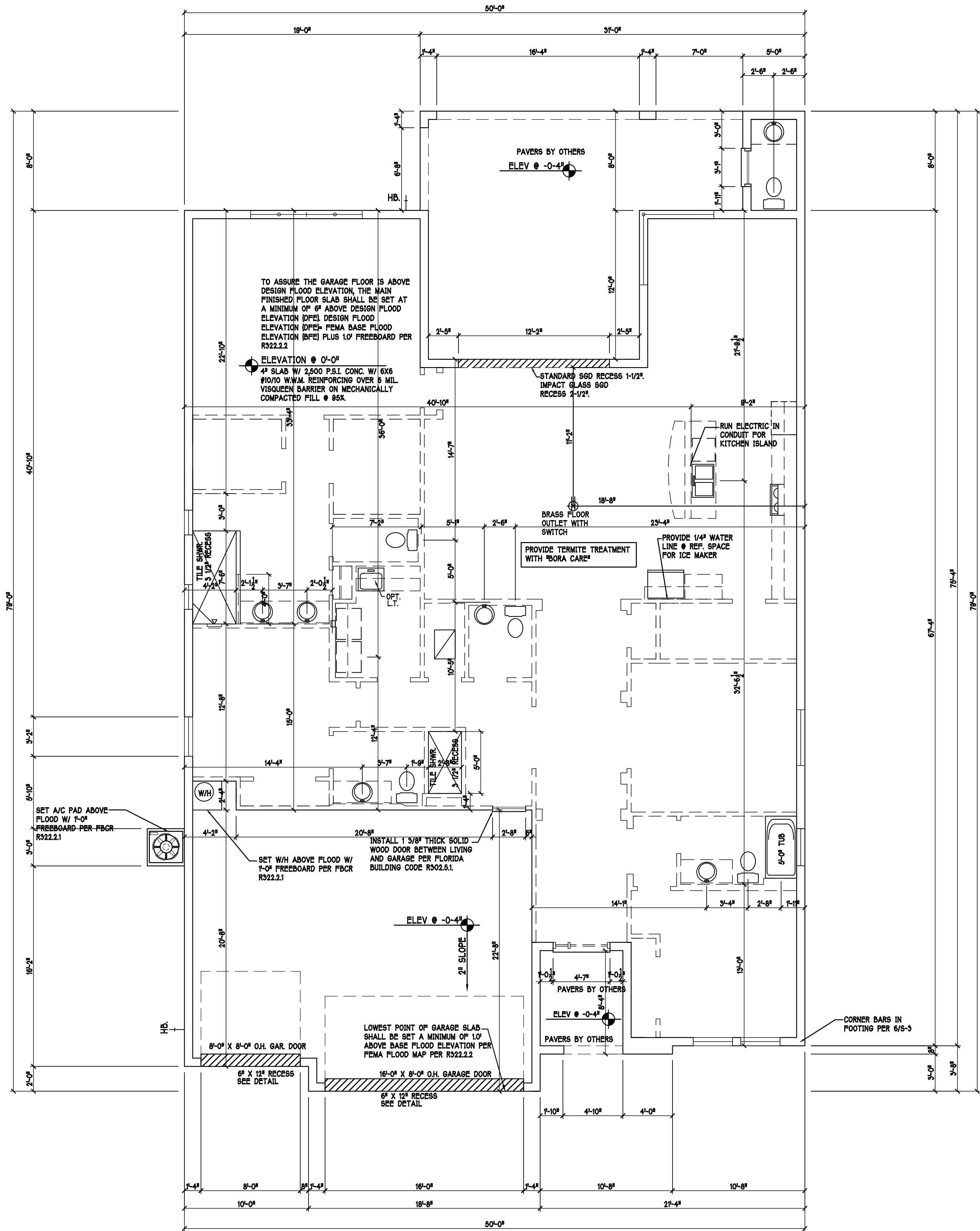
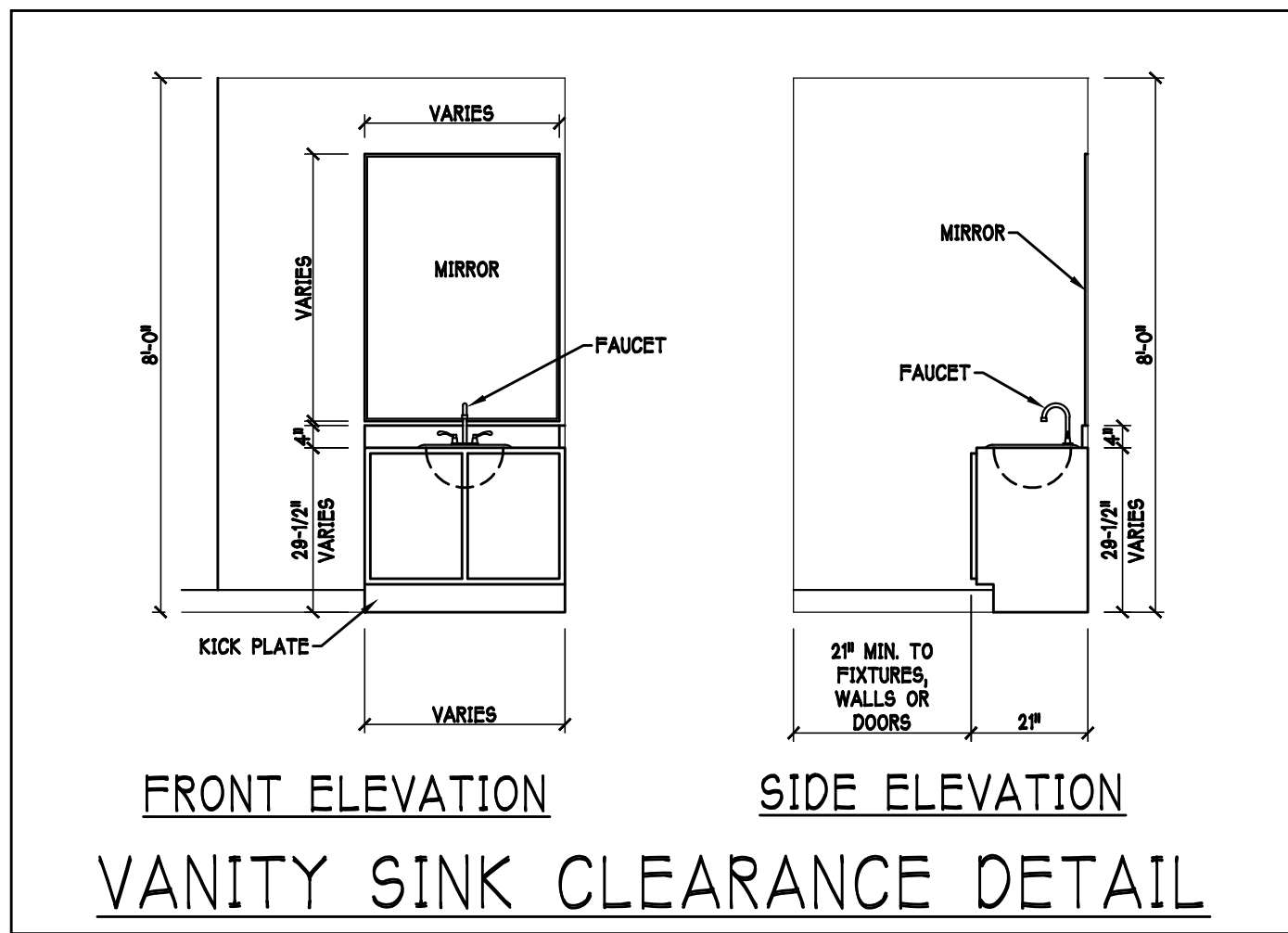
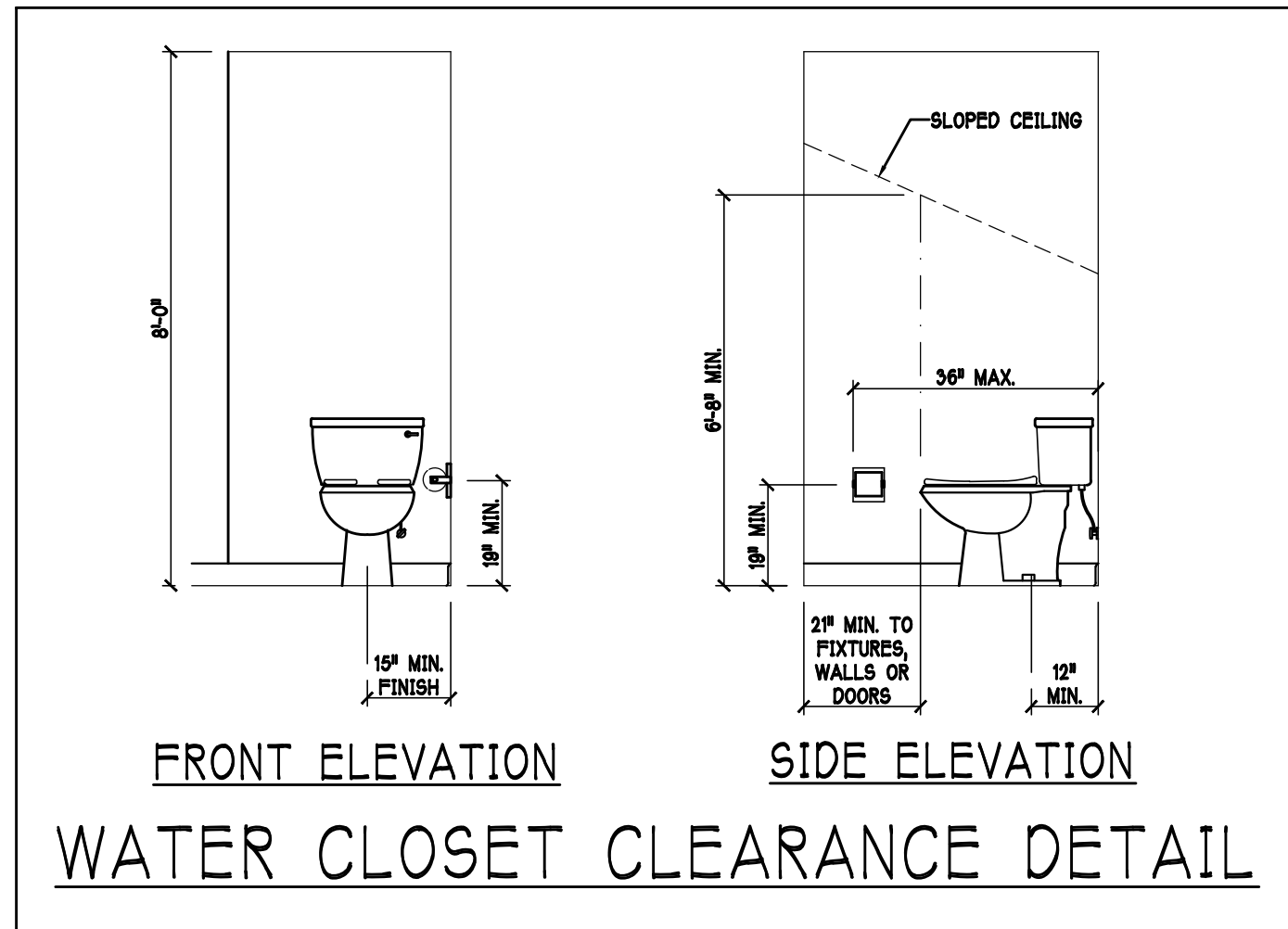
REVISED:
02-16-22

PLAN:
ELEVATION

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

SHEET#

A-1 M



SLAB & PLUMBING PLAN: "M"

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

DESIGN IN ACCORDANCE W/ THE 2020 FLORIDA BUILDING CODE- 7TH EDITION

Gulf Coast Drafting & Design

Phone (239) 540-1822

Fax (239) 540-7759

LOT: 13	BLOCK:	MODEL:	2540 M W/ EXT LANAI
SUBDIV: MAGNOLIA III 60s		RESIDENCE FOR:	SPEC
ADDRESS: 19113 CHERRY FLOWER COURT		G.C.D.#:	13721
		D.R.H.#:	579970013

DATE: 11-01-21

DRAWN BY: CWL

CHECKED BY: JWC

REVISED: 02-16-22

PLAN: SLAB & PLUMBING

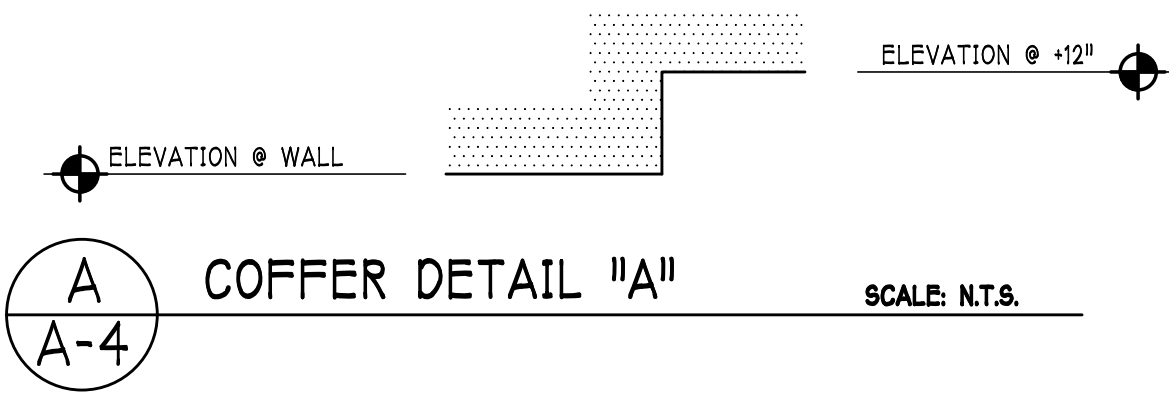
SCALE: 3/16" = 1'-0"

SHEET#

A-2 M

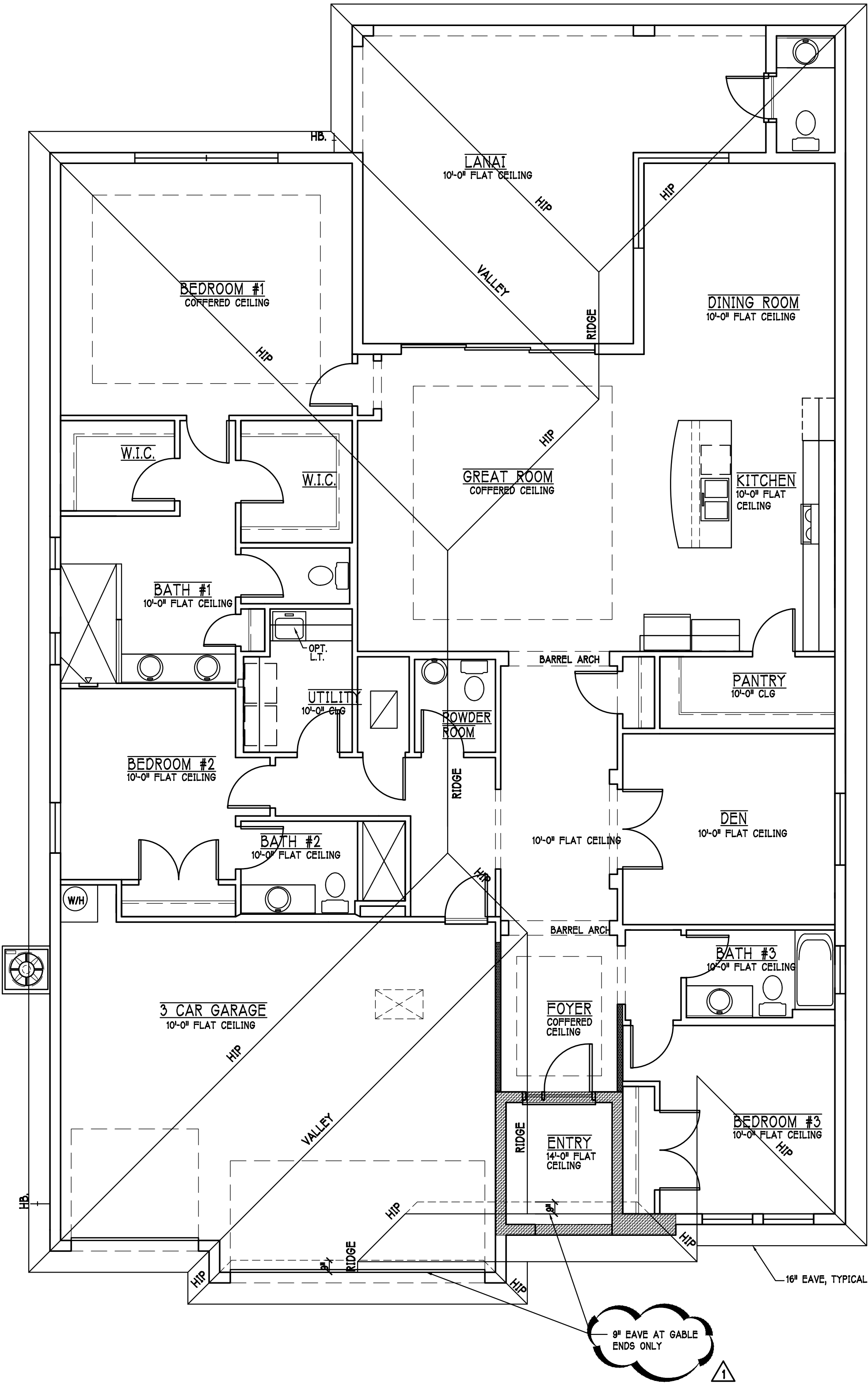
A-3 M

MODEL 2540 M: ATTIC VENTILATION FBCR R806									
COORDINATE VENTING REQUIREMENTS WITH ENERGY CALCULATIONS									
AREAS (SQ. FT.)			SOFFIT ONLY (1/150) (NO ROOF VENTS)				WITH ROOF VENTS (1/300) (R.V.)		
MARK	ATTIC	SOFFIT	ATTIC VENTILATION REQUIRED		ATTIC VENTILATION REQUIRED		ATTIC VENTILATION REQUIRED		
			ATTIC AREA/150	REQD AIR FLOW OF SOFFIT	QUAD 4 SOFFIT HAS	ATTIC AREA/300	QUANTITY OF ROOF VENTS	MIN AIR FLOW OF SOFFIT	
1st STORY	4058.0 SQ. FT.	351.1 SQ. FT.	27.05 SQ. FT.	7.70%	8.15%	-- SQ. FT.	-	--%	
			SOFFIT ONLY QUALIFIES				ROOF VENTS ARE NOT REQUIRED		
			SOFFIT MODEL				ROOF VENT MODEL		
			ACM QUAD 4, FULL VENT, NARROW PATTERN 8.15% FREE AIR FLOW				2'-0" BASE 2'-0" RISE LOMANCO 770-D 0.87 SQ. FT. FREE AIR		



BEARING HEIGHT	
	• BEARING @ 10'-0" A.F.F.
	• INTERIOR BEARING @ 10'-0" A.F.F.
	• BEARING @ 14'-0" A.F.F.

REVISIONS		
MARK	DATE	DESCRIPTION
△	02-16-22	ADDED NOTE TO CLARIFY WHICH EAVES ARE 9"



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

DESIGN IN ACCORDANCE W/ THE 2020
FLORIDA BUILDING CODE- 7TH EDITION

D.R.HOUGHTON
America's Builder

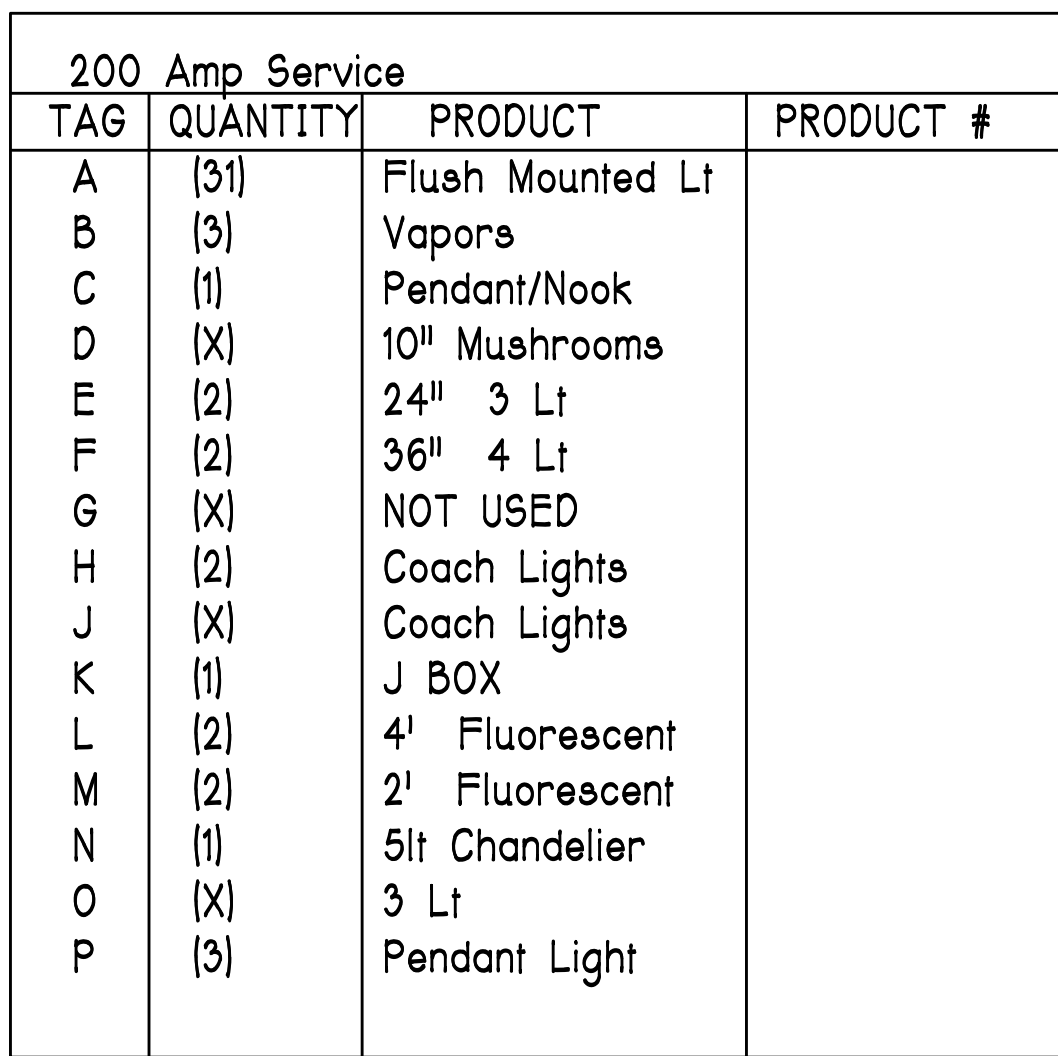
Gulf Coast Drafting
& Design
Phone (239) 540-1822
Fax (239) 540-7759

MODEL: 2540 M W/EXT LANAI
SUBDIV: MAGNOLIA III 60s
ADDRESS: 1913 CHERRY FLOWER COURT
G.C.D.#: 13721 D.R.H.#: 579970013
RESIDENCE FOR: SPEC

DATE: 11-01-21
DRAWN BY: CWL
CHECKED BY: JWC
REVISED: 02-16-22
PLAN: CEILING PLAN
SCALE: 3/16"=1'-0"
SHEET#

A-4 M

	ELECTRICAL METER
	ELECTRICAL PANEL
	120 V JUNCTION BOX
	SINGLE RECEPTACLE OUTLET
	220 V RECEPTACLE OUTLET
	4-POLE RECEPTACLE OUTLET
	DUPLEX RECEPTACLE OUTLET
	1/2 SWITCHED DUPLEX OUTLET
	DUPLEX RECEPTACLE * ELEV. AFF.
	TIMER SWITCH
	GFI SWITCH
	DIMMER SWITCH
	3 WAY SWITCH
	SINGLE POLE SWITCH
	AC/DC SMOKE DETECTOR TO BE INTERCONNECTED ANY RESIDENT HAVING A FOSSIL-BURNING HEATER OR APPLIANCE, A FIREPLACE, OR AN ATTACHED GARAGE SHALL HAVE AN ATTACHED CARBON MONOXIDE ALARM INSTALLED WITHIN 10 FEET OF EACH ROOM USED FOR SLEEPING PURPOSES. PER RULE 80-30A-072 SD SMOKE DETECTOR SCD CARBON MONOXIDE/SMOKE DETECTOR
	TELEPHONE OUTLET
	TELEPHONE OUTLET
	SURFACE MOUNTED CEILING LIGHT
	FLUSH MOUNTED LIGHT
	WALL MTD. BRACKET LIGHT
	DUPLEX FLOOD LIGHT
	EXHAUST FAN
	TRACK MTD. LIGHTS
	A/C DISCONNECT
	PUSH BUTTON
	DB= DOOR BELL
	KEYPAD
	4' FLUORESCENT LIGHT
	2' UNDER COUNTER LIGHT



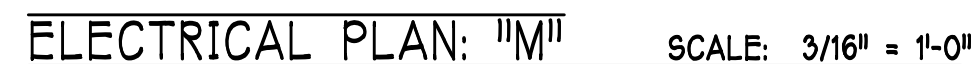
Install Arc-Fault circuit-Interruption & Tamper-Resistant Receptacles shall be installed in dwelling unit, per NEC 210.12 & 406.11

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 & T.V. per contract .

INSTALL ALL ELECTRICAL PER NEC 2017



D·R·HORTON • PHI NYSE
America's Builder

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

MODEL:
2540 M W/EXT LANAI

RESIDENCE FOR:

SPEC

LOT: 13 BLOCK:
SUBDIV: MAGNOLIA III 60s
ADDRESS: 19113 CHERRY FLOWER C

DATE: 11-01-21

DRAWN BY:
CWL

CHECKED BY: JWC

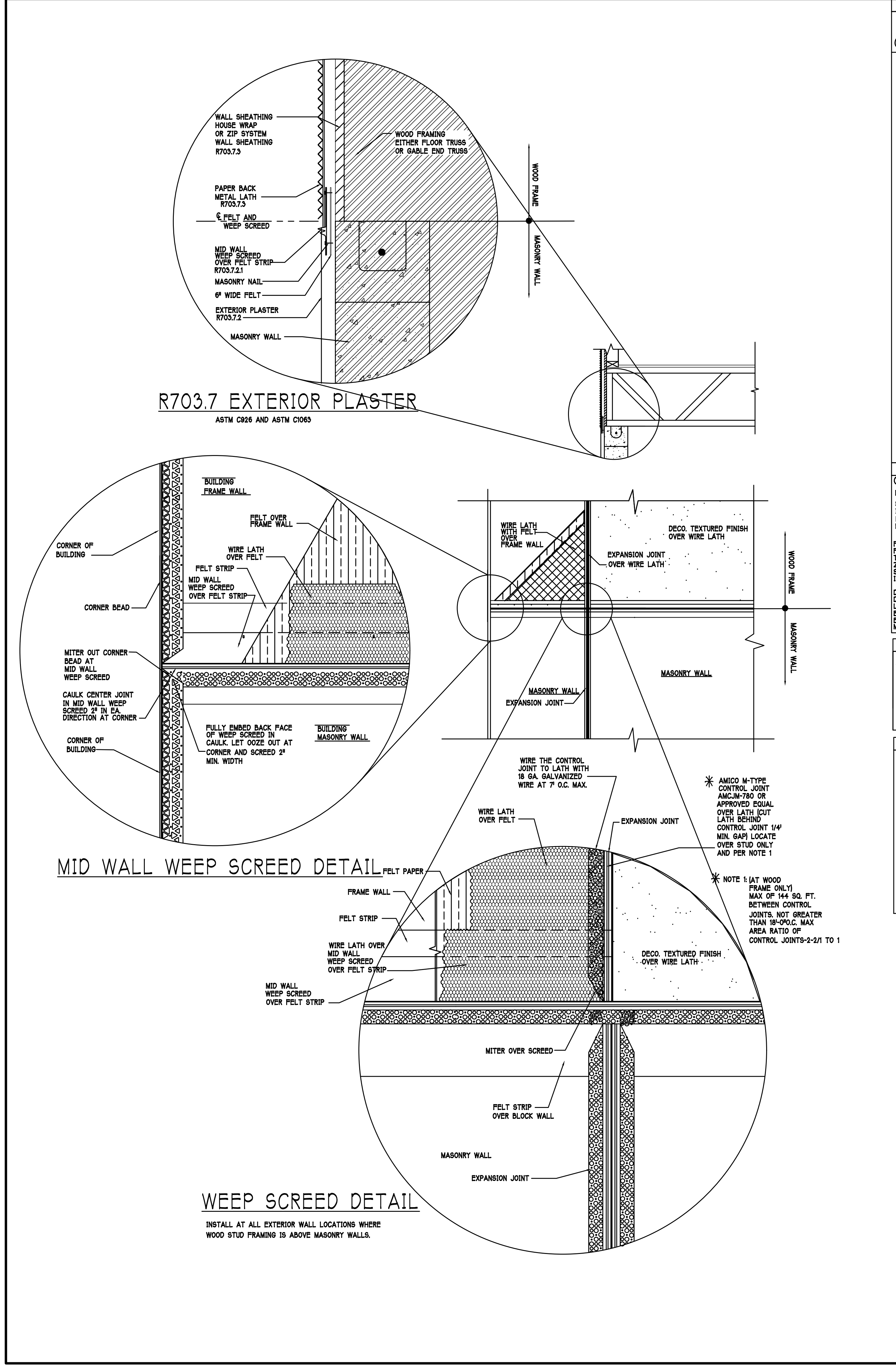
REVISED:
02-16-22

PLAN:
ELECTRICAL

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

SHEET#

A-5 M



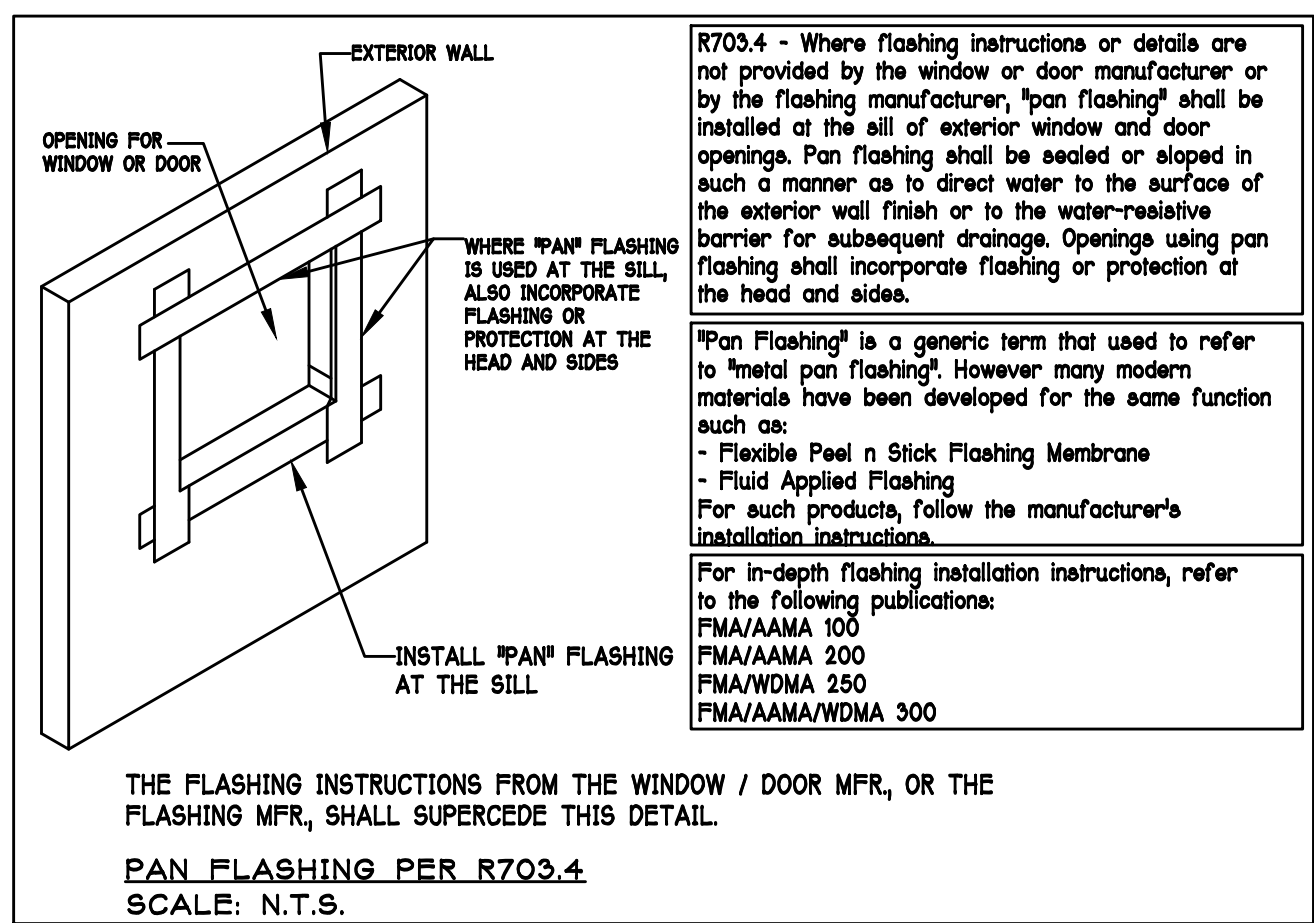
RESIDENTIAL SPECIFICATIONS
GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK.
2. THE CONTRACTOR SHALL SUPPLY, LOCATE AND BUILD INTO THE WORK ALL INSERTS, ANCHORS, ANGLES, PLATES, OPENINGS, SLEEVES, HANGERS, SLAB DEPRESSIONS AND PITCHES AS MAY BE REQUIRED TO ATTACH AND ACCOMMODATE OTHER WORK.
3. ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUCTED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE IN THE WORK EXCEPT WHERE A DIFFERENT DETAIL IS SHOWN.
4. SUBSURFACE SOIL CONDITION INFORMATION IS NOT AVAILABLE. FOUNDATIONS ARE DESIGNED FOR A SOIL BEARING CAPACITY OF 2000 PSF. THE CONTRACTOR SHALL REPORT ANY DIFFERING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK.
5. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATION AND HOUSE PLANS, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR SLEEVES, DEPRESSIONS AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
6. ALL SPECIFIED FASTENERS MAY ONLY BE SUBSTITUTED IF APPROVED BY THE ENGINEER IN WRITING. THE INSTALLATION OF THE FASTENERS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. SIMPSON FASTENERS SPECIFIED MAY BE SUBSTITUTED WITH THE SAME QUANTITY AND EQUIVALENT STRENGTH PRODUCT.
7. TREATED WOOD REQUIREMENTS:- ALL WOOD EXPOSED TO WEATHER SHALL BE PROTECTED, PRESSURE TREATED, OR NATURALLY RESISTANT TO DECAY. ALL WOOD TOUCHING MASONRY OR CONCRETE SHALL BE ISOLATED, OR PRESSURE TREATED.
8. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE 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.
9. CEILING DRYWALL INSTALLED WITHIN THE HOUSE TO TRUSSES SPACED 24" O.C. SHALL BE 5/8" DRYWALL OR 1/2" S&G RESISTANT PER SEC. 702.3.5
10. LANAI CEILINGS & COVERED ENTRY CEILINGS
1X4 STRIPPING @ 16" O.C. FASTENED WITH 2-8d NAILS TO EACH TRUSS. 5/8" EXTERIOR GYPSUM BOARD CEILING FASTENED WITH 8d NAILS OR 1-5/8" DRYWALL SCREWS @ 6" ON EDGE AND FIELD.

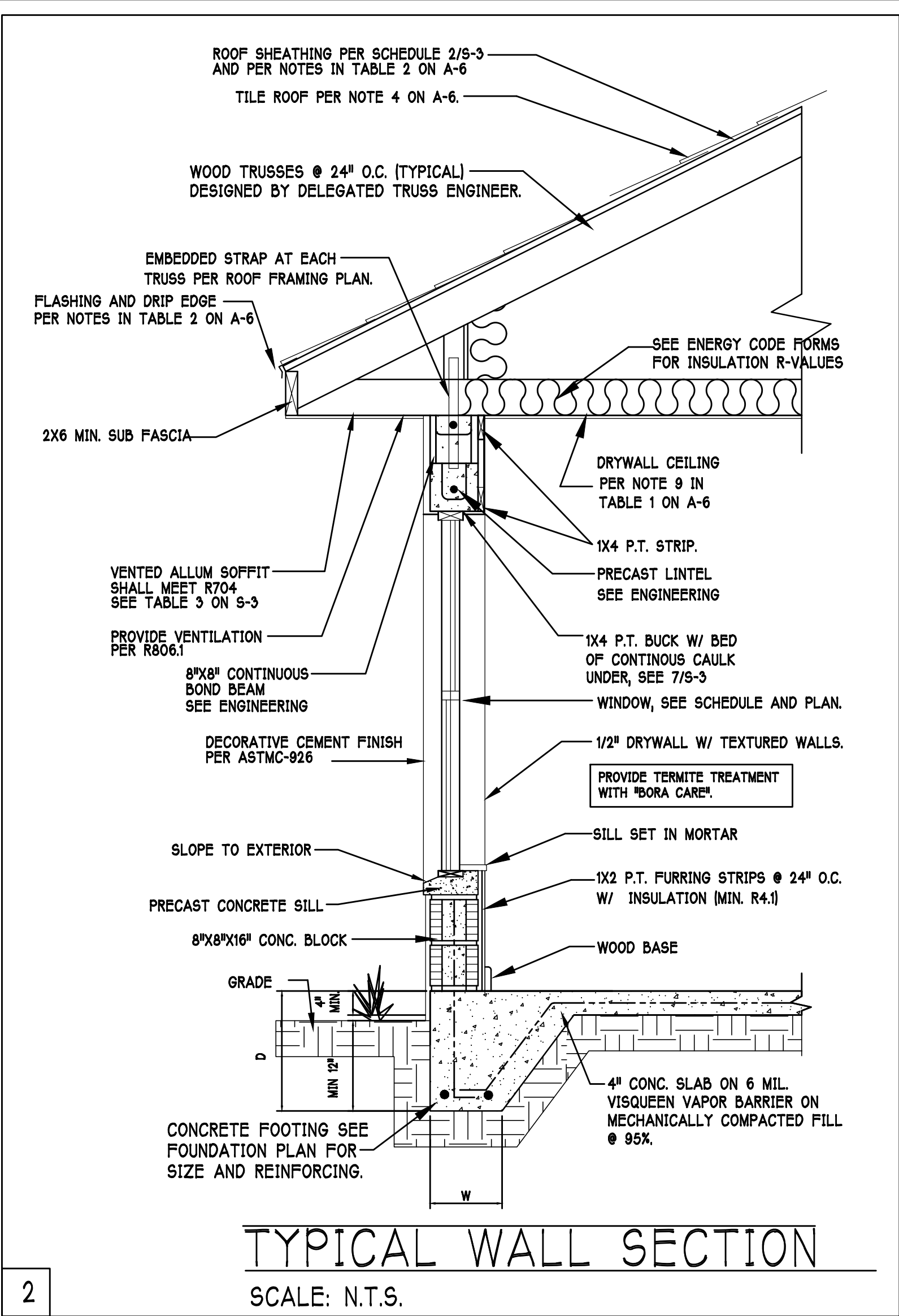
2
GENERAL ROOF ASSEMBLY
ROOF SHEATHING PER TABLE R803.2.2
SHALL BE 19/32" APA RATED SHEATHING, EXPOSURE 1, SPAN RATING 40/20 OR BETTER. INSTALL PANELS WITH LONG DIMENSION PLACED PERPENDICULAR TO TRUSSES. A 1/8" SPACE BETWEEN ADJACENT SHEETS SHALL BE MAINTAINED. INSTALL 1/4" CLIPS AT UNSUPPORTED PANEL EDGES. SEE STRUCTURAL.
FLASHING SHALL BE ALUMINUM ALUMINUM ZINC COATED STEEL .078 INCHES THICK, 26 GAUGE ALUM ZINC OR GALVANIZED STEEL .078 INCHES THICK, 26 GAUGE ZINC COATED G80. FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH THE ZIP SYSTEM ROOF SHEATHING MANUFACTURERS PUBLISHED REQUIREMENTS. ALL FLASHING AND INSTALLATION SHALL CONFORM TO SECTION R903.2.5 (1) TO (5).
Drip Edge
Drip edge shall be provided at all eaves and gables of shingle roofs. LAPPED A MINIMUM OF 2" @ JOINTS. THE OUTSIDE EDGE SHALL EXTEND A MINIMUM OF 1/2" BELOW SHEATHING AND THE INSIDE EDGE SHALL EXTEND BACK A MINIMUM OF 1" 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
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 D2442.
Installation shall comply with the manufacturer's requirements for installation in the given Florida wind zone, as determined by ASTM D 3169.

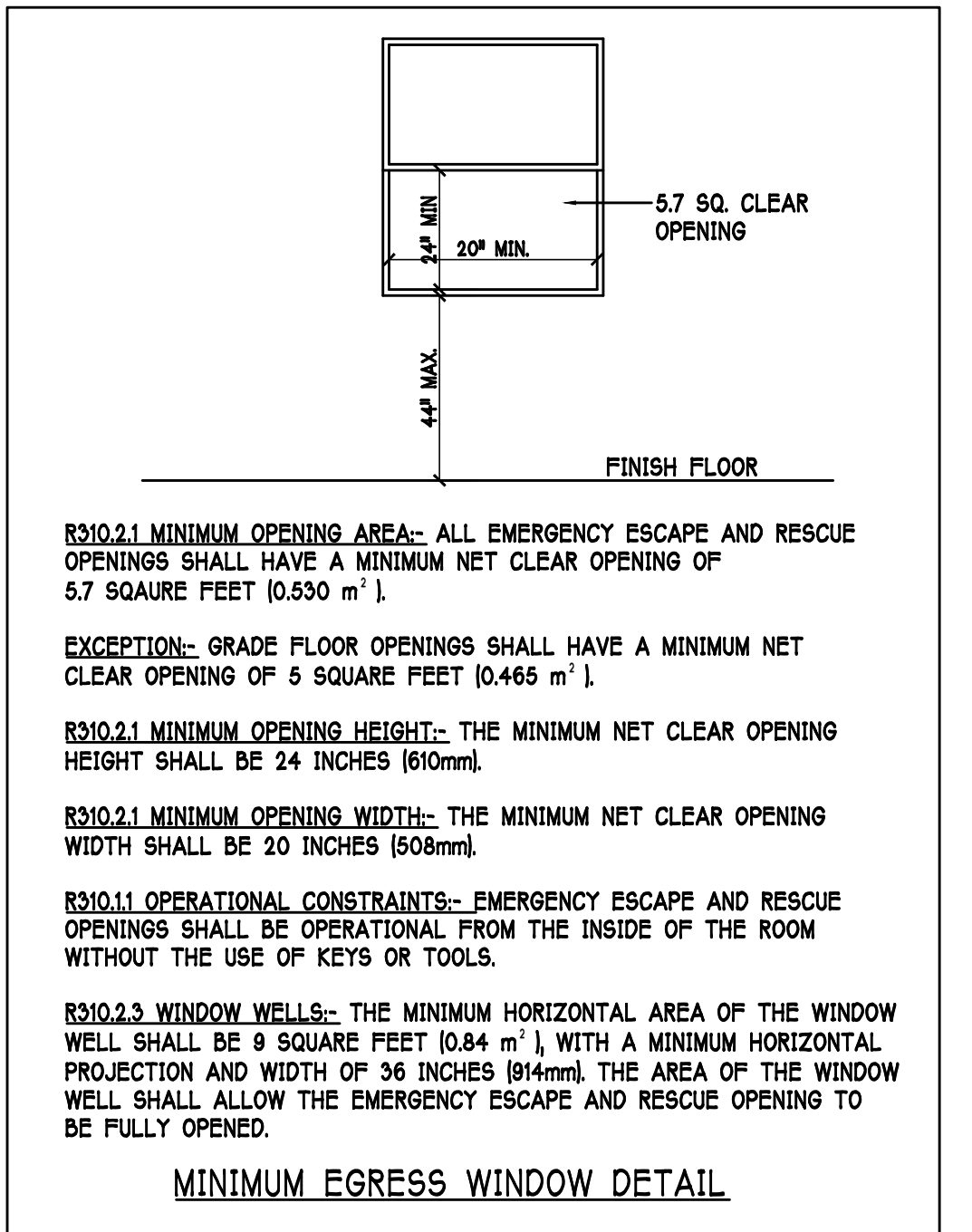
4
CLAY AND CONCRETE TILE ROOF SPECS
INSTALL PEEL AND STICK UNDERLAYMENT APPROVED FOR SINGLE LAYER APPLICATION UNDER TILE ROOF.
THE INSTALLATION OF CLAY AND CONCRETE TILE SHALL COMPLY WITH THE PROVISIONS OF 1908.5 F.S.C.
MARKING: EACH ROOF TILE SHALL HAVE A PERMANENT MANUFACTURER'S IDENTIFICATION MARK.
APPLICATION SPECIFICATIONS: THE TILE MANUFACTURER'S WRITTEN APPLICATION SPECIFICATIONS SHALL BE AVAILABLE AND SHALL INCLUDE 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.



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



2
TYPICAL WALL SECTION
SCALE: N.T.S.



MINIMUM EGRESS WINDOW DETAIL

R3102.1 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).
R3102.1 MINIMUM OPENING HEIGHT:- THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24 INCHES (610mm).
R3102.1 MINIMUM OPENING WIDTH:- THE MINIMUM NET CLEAR OPENING WIDTH SHALL BE 20 INCHES (508mm).
R3101.1 OPERATIONAL CONSTRAINTS:- EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL BE OPERATIONAL FROM THE INSIDE OF THE ROOM WITHOUT THE USE OF KEYS OR TOOLS.
R3102.3 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.

DR-HOHION
America's Builder

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

MODEL:	2540 M W/ EXT LANAI	RESIDENCE FOR:	SPEC
LOT: 13	BLOCK:	SUBDIV: MAGNOLIA III 60s	ADDRESS: 19113 CHERRY FLOWER COURT
DATE:		11-01-21	
DRAWN BY:		CWL	
CHECKED BY:		JWC	
REVISED:		02-16-22	
PLAN:		SECTION	
SCALE:		AS NOTED	
SHEET#		A-6 M	

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

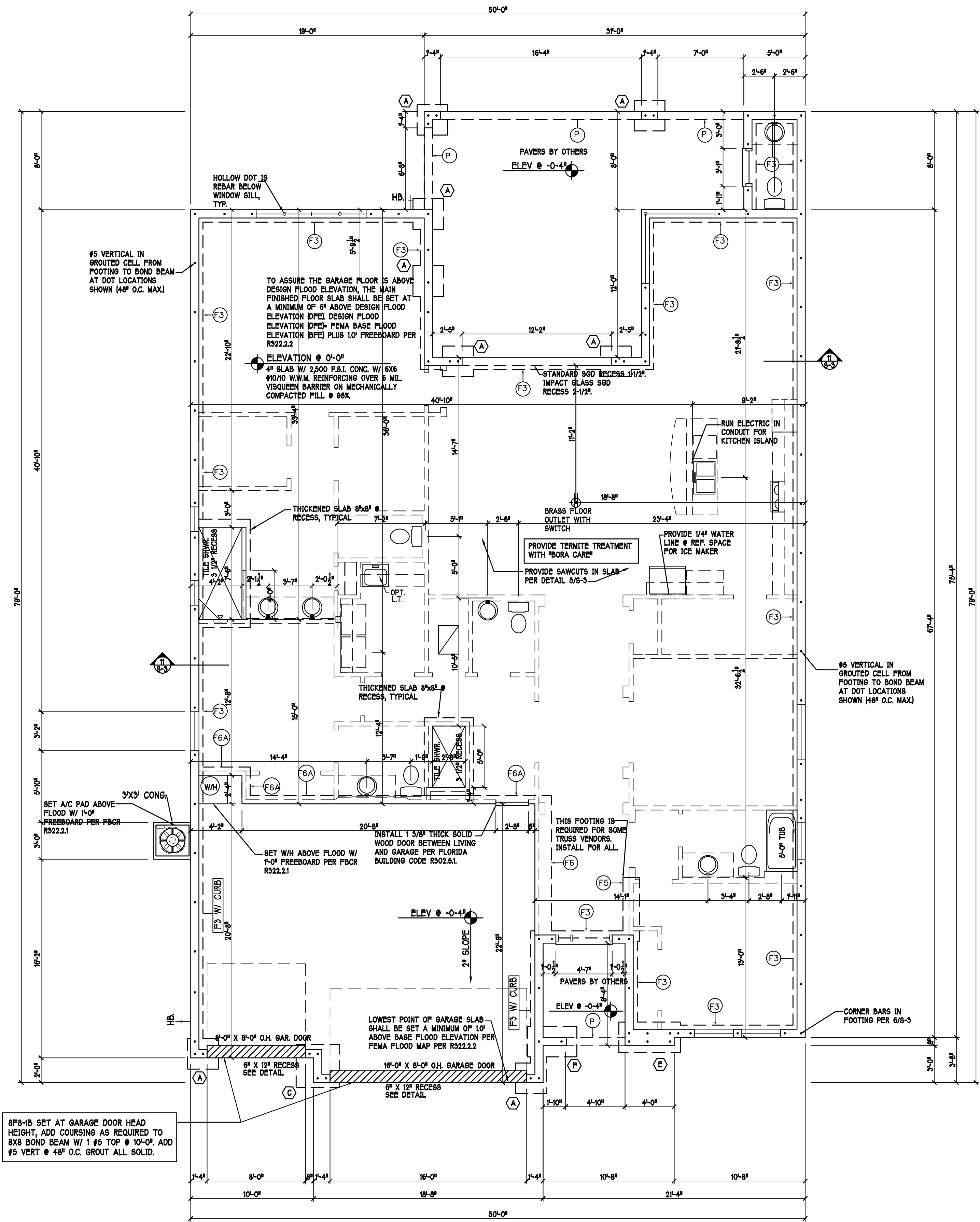
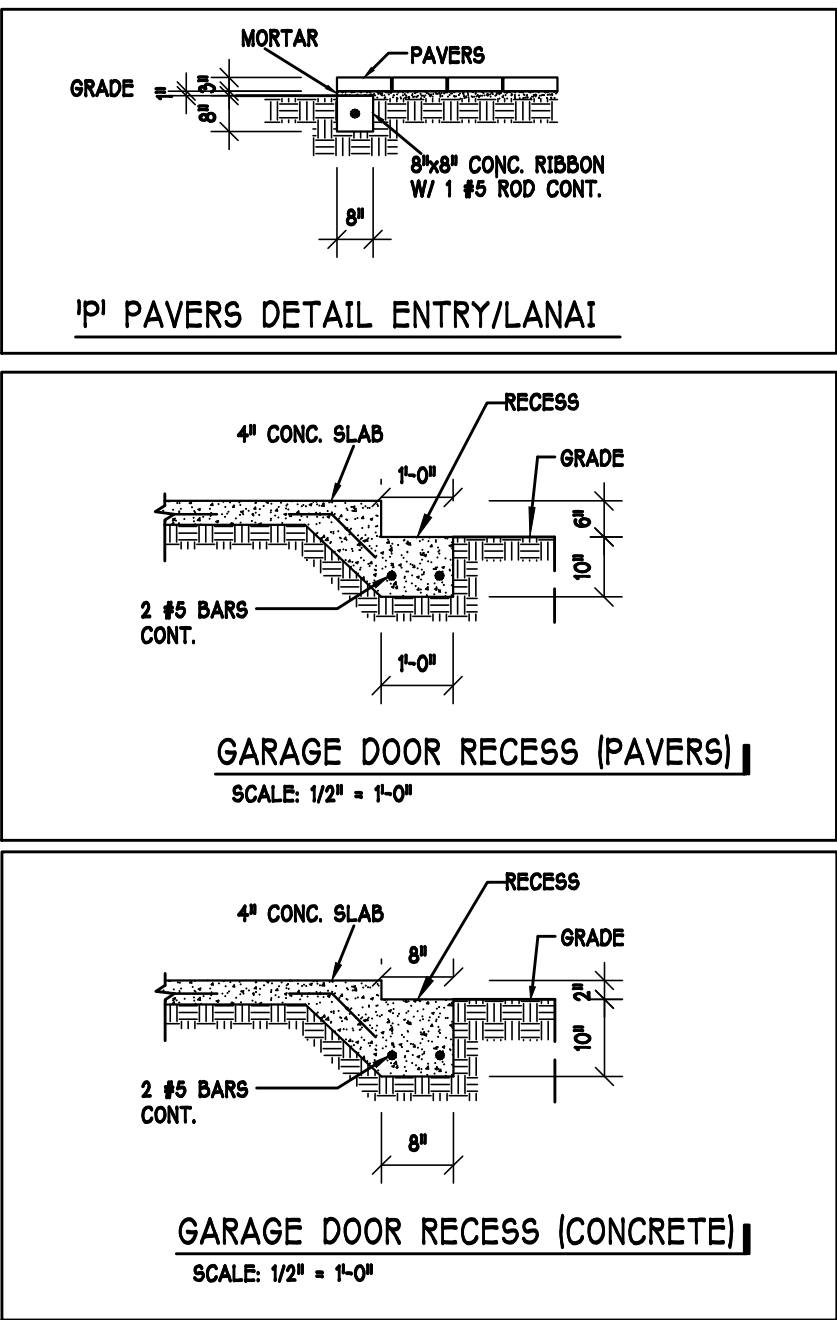
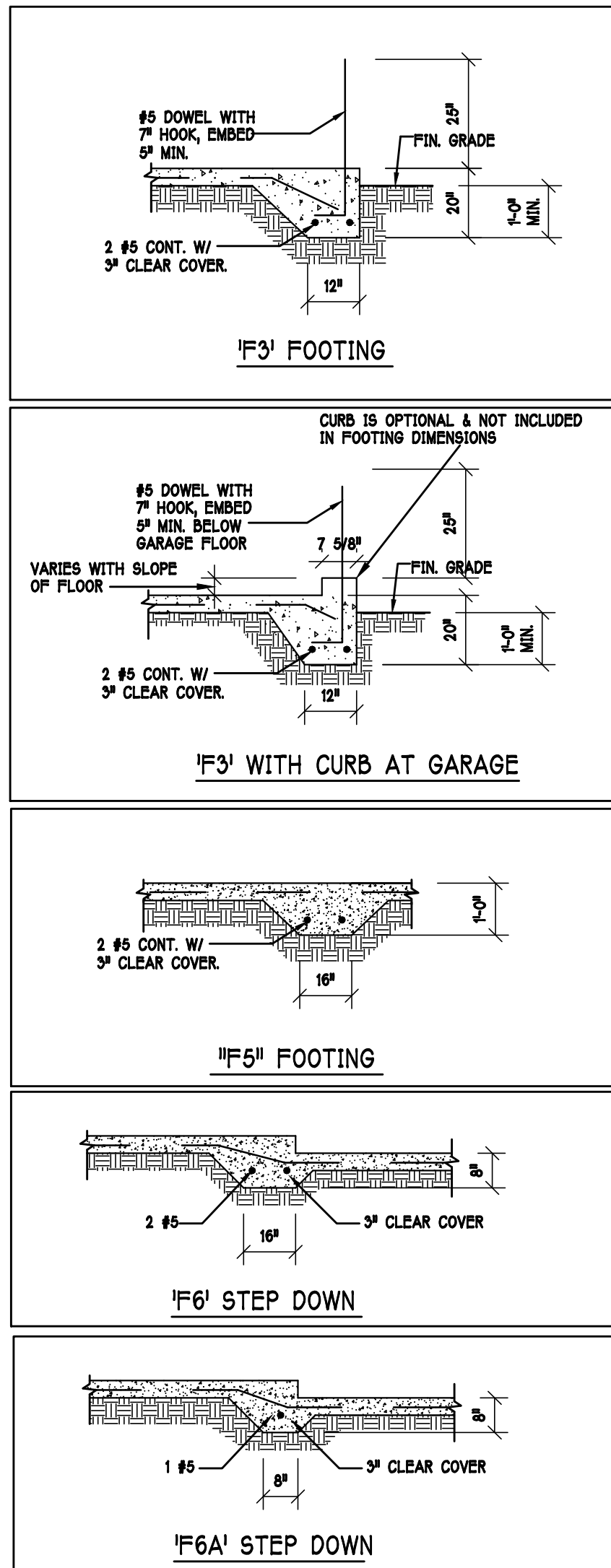
PLAN NOTES:

- 1) TOP OF GROUND FLOOR SLAB DATUM ELEVATION 0'-0".
- 2) "F" DENOTES CONTINUOUS WALL FOOTING TYPE PER SCHEDULE THIS SHEET.
- 3) "D" DENOTES PAD FOOTING AT CONCENTRATED LOADS PER SCHEDULE THIS SHEET.
- 4) PROVIDE #5 VERTICAL REINFORCING AT DOT LOCATIONS SHOWN ON PLAN FROM FOOTING TO BEAM DECK.
- 5) ALL DIMENSIONS ARE TO OUTSIDE FACE OF MASONRY WALLS. SOME SLAB EDGES MAY EXTEND BEYOND EXTERIOR 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-3.

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	
	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	
	TE	CONT.	0'-8"	0'-8"	1-#5	

PAD FOOTING SCHEDULE							
USED	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'-0"	5-#5	5-#5	-
☒	(E)	2'-6"	5'-0"	1'-0"	3-#5	6-#5	-
☒	(F)	2'-6"	4'-0"	1'-0"	3-#5	5-#5	-

NOTE: REINFORCING IN FOOTINGS SHALL BE CONTINUOUS AT CORNERS AND INTERSECTIONS. ADD CORNER BAR 25"x25" AT EACH LONGITUDINAL BAR, SEE 6/S-3.



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

DESIGN IN ACCORDANCE W/ THE 2020
FLORIDA BUILDING CODE- 7TH EDITION

D·R·HORTON NYSE
LISTED
America's Builder

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

**STRUCTURAL
SYSTEMS
OF NORTH FLORIDA**

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

MODEL:
2540 M W/EXT LANAI

RESIDENCE FOR:

SPEC

LOT: 13 BLOCK:

SUBDIV: MAGNOLIA III 60s

ADDRESS: 19113 CHERRY FLOWER COURT

GCD# 13721 DRH# 579970013

DATE: 11-01-21

DRAWN BY: CWL

CHECKED BY:
JWC

REVISED:
 02-16-22

PLAN:
FOUNDATION

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

SHEET#

S-1 M

TRUSS STRAPPING TO MASONRY			
MAX TRUSS UPLIFT (LBS)	STRAP/ANCHOR	FASTENERS	
INSTALL METAL AT ALL TRUSSES TO 1450 lb UPLIFT. FOR HIGHER UPLIFTS, SEE NOTES ON PLAN.	1450 (1 PLY)	(1) MET16/18/20	(8) 0.148x1-1/2", EMBED 4"
	1810 (1 PLY)	(1) MET16/20	(9) 0.148x1-1/2", EMBED 4"
	1875 (1 PLY)	(2) MET16/18/20	(10) 0.148x1-1/2", EMBED 4"
	1920 (1 PLY)	(2) MET16/20	(10) 0.148x1-1/2", EMBED 4"
	2120 (1 PLY)	(1) HET16/18/20	(10) 0.148x1-1/2", EMBED 4"
	1795 (2 or 3 PLY)	(2) MET16/18/20	(14) 0.162x3-1/2", EMBED 4"
	2365 (2 or 3 PLY)	(2) HET16/20	(12) 0.162x3-1/2", EMBED 4"
	3965/DF/SP (2 PLY)	MTG	(22) 0.148x3", ATR, EPOXY 12"
	3000/DF/SP (1 PLY 2x4)	HTT4	(18) 0.148x1-1/2", 5/8" ATR, EPOXY 12"
	4455/DF/SP (1 PLY 2x6)	HTT4	(18) SD#10x1-1/2", 5/8" ATR, EPOXY 12"
	4235/DF/SP (2 PLY 2x4)	HTT4	(18) 0.162x2-1/2", 5/8" ATR, EPOXY 12"
	4555/DF/SP (1 PLY 2x6)	HTT5	(26) SD#10x1-1/2", 5/8" ATR, EPOXY 12"
FOR HIGHER UPLIFTS, SEE NOTES ON PLAN.	4670/DF/SP (2 PLY 2x4)	HTT5	(26) 0.148x3", 5/8" ATR, EPOXY 12"
	5445/DF/SP (2 PLY 2x4)	HTT5KT	(26) SD#10x2-1/2", 5/8" ATR, EPOXY 18"
	10690/DF/SP (2 PLY)	(1) HGT-2	(16) 0.148x3", (2) 3/4" ATR, EPOXY 12"
	10790/SYP (3 PLY)	(1) HGT-3	(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 6" 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/S-3 PER UPLIFT IN TRUSS ENGINEERING.

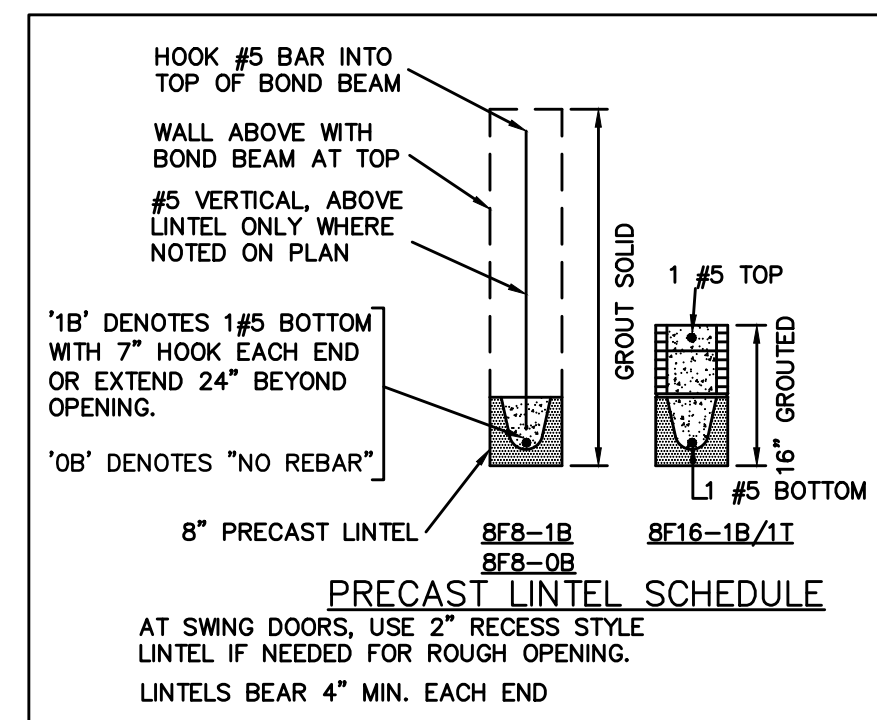
SIMPSON CATALOG C-C-2019

TRUSS STRAPPING TO STUD WALL/WOOD BEAM			
MAX TRUSS UPLIFT (LBS)	STRAP(S)	FASTENERS	
INSTALL AT ALL TRUSSES TO 850 lb UPLIFT. FOR HIGHER UPLIFTS, SEE NOTES ON PLAN.	850	(1) WTS16/20/30	(14) 0.148x1-1/2" or 3" EACH STRAP
	1700	(2) WTS16/20/30	
	2550	(3) WTS16/20/30	
	1125	(1) HTS20/24/30	(24) 0.148x1-1/2"
	2250	(2) HTS20/24/30	
FOR HIGHER UPLIFTS, SEE NOTES ON PLAN.	3375	(3) HTS20/24/30	(20) 0.148x3" EACH STRAP
	4500	(4) HTS20/24/30	

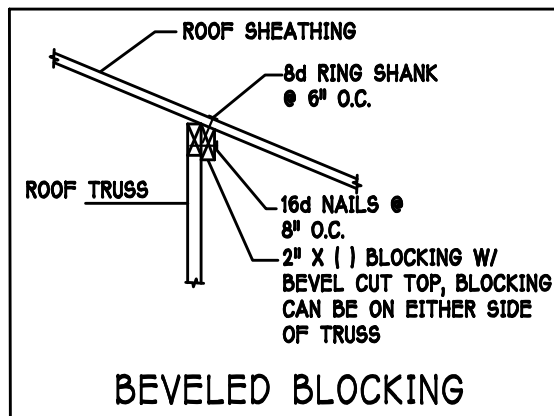
NOTES:
 1) PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE.
 2) ANY OF THE VALID LENGTHS SHOWN MAY BE USED IN PLACE OF THE LENGTH SPECIFIED ON PLAN.
 3) 1-1/2" NAIL SHALL BE USED IN 1 PLY LUMBER, 2 PLY 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-2019

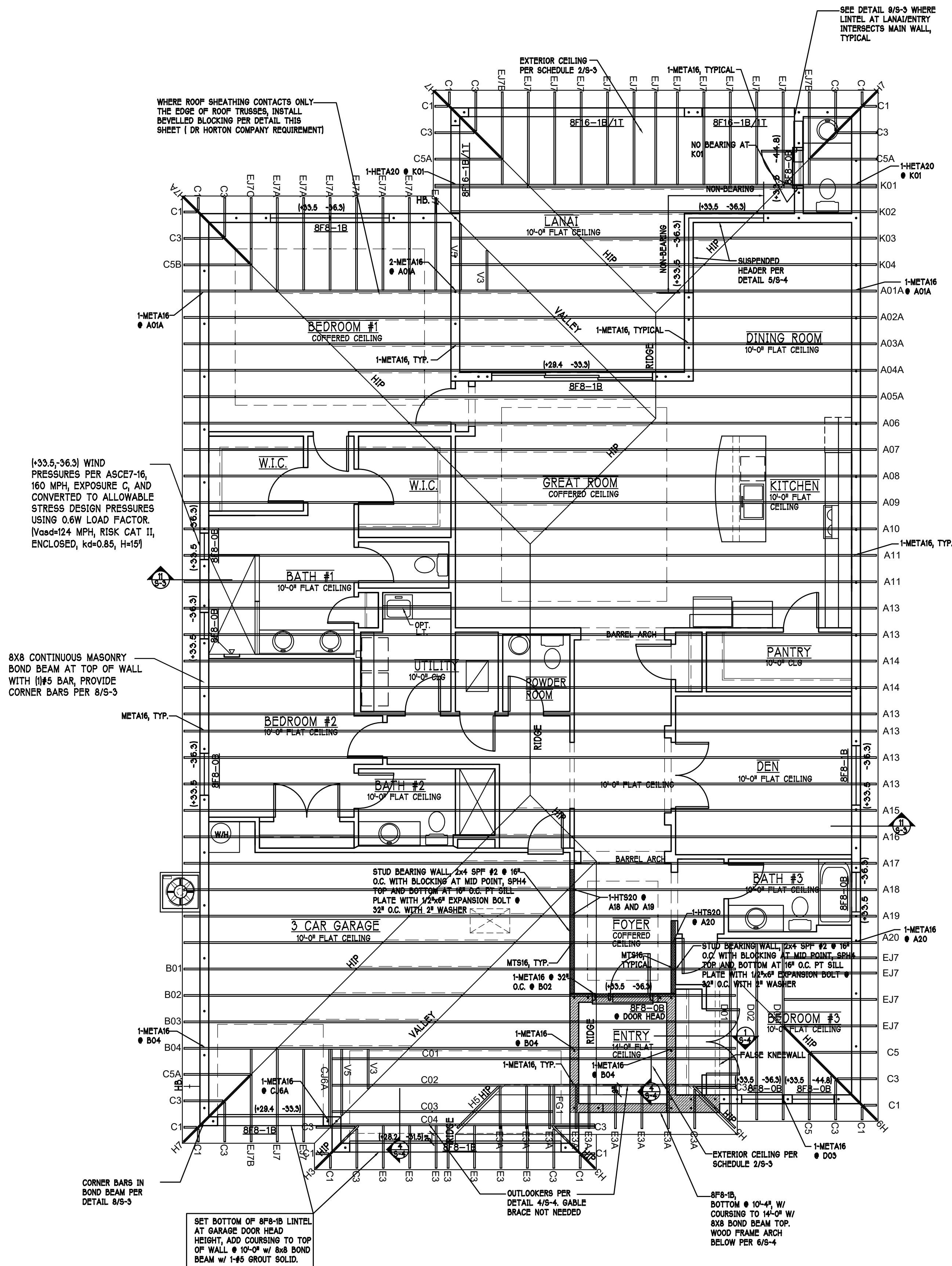
PLAN NOTES:
 1) ROOF TRUSS BEARING ELEVATION VARIES, SEE LEGEND.
 2) ROOF FRAMING SHALL BE WOOD TRUSSES DESIGNED BY A DELEGATED TRUSS ENGINEER PER DESIGN CRITERIA ON SHEET S-3.
 3) PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS SHEET.
 4) FOR NAILING OF ROOF DECK, SEE 1 AND 2 ON S-3.
 5) [8F8-18] etc., DENOTES PRECAST LINTEL ABOVE DOOR/WINDOW OPENING PER SCHEDULE THIS SHEET.
 6) AT TRUSS BEARING, PROVIDE 8x8 MASONRY BOND BEAM W/ 1 #5 CONTINUOUS, SEE DETAIL 15/S-3.



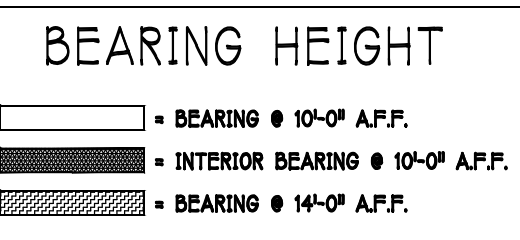
TRUSS BEARING CONDITIONS AND STRAPPING IS BASED ON TRUSS LAYOUT PREPARED BY BUILDERS FIRST SOURCE, JOB #: MASTER, DATED: 02/02/2016, REVISION: 02/08/21



BEVELED BLOCKING



REVISIONS		
MARK	DATE	DESCRIPTION
△	02-16-22	ADDED NOTE TO CLARIFY WHICH EAVES ARE 0"



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

DESIGN IN ACCORDANCE W/ THE 2020 FLORIDA BUILDING CODE- 7TH EDITION

D.R. HORTON
 America's Builder

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

STRUCTURAL ENGINEERING
STRUCTURAL SYSTEMS OF NORTH FLORIDA
 1624 SE 47TH ST SUITE #2
 FORT MYERS, FL 33905
 (239) 540-7759
 CA# 8889

MODEL: 2540 M W/ EXT LANAL
 RESIDENCE FOR: SPEC

LOT: 13 BLOCK: SUBDIV: MAGNOLIA III 60s
 ADDRESS: 19113 CHERRY FLOWER COURT
 G.C.D.#: 13721 D.R.H.#: 579970013

DATE: 11-01-21
 DRAWN BY: CWL
 CHECKED BY: JWC
 REVISED: 02-16-22
 PLAN: ROOF
 SCALE: 3/16" = 1'-0"
 SHEET#

S-2 M