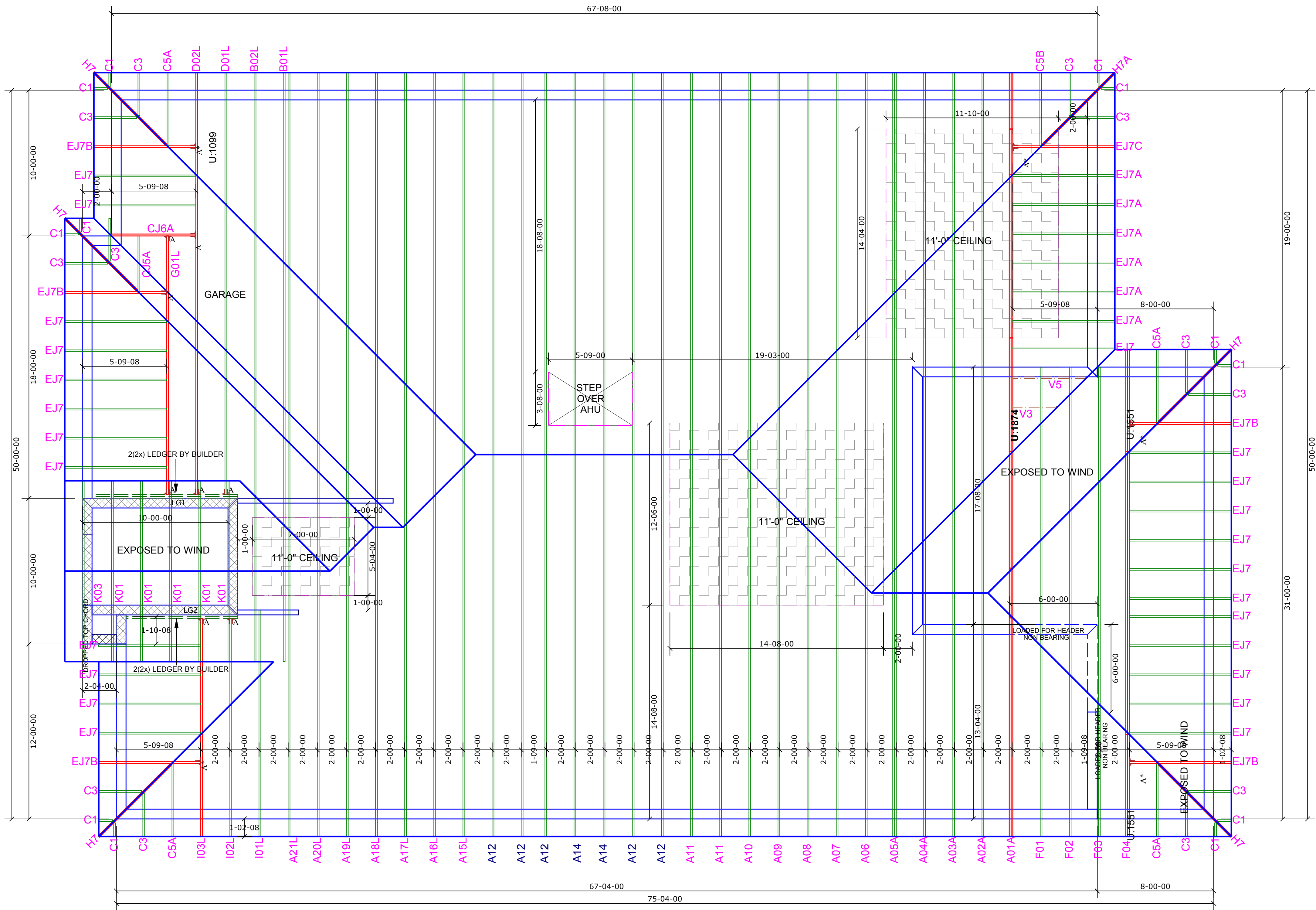


JOB No.	MASTER
DATE DRAWN	1/29/2018
DATE PRINTED	1/29/2018



GENERAL TRUSS ENGINEERING CRITERIA & DESIGN LOADS	
DESIGN CODE	FBC2017/TP12014
WIND CODE	MWFRS (Directional)/C-C HYBRID WIND ASCE 7-10
WIND LOAD	170 MPH
EXPOSURE CATEGORY	B
OCCUPANCY CATEGORY	II
IMPORTANCE FACTOR	1.0
WIND DURATION FACTOR	1.60
OPENING CONDITIONS	ENCLOSED
TRUSSES HAVE BEEN DESIGNED FOR A 10.0 PSF BOTTOM CHORD LIVE LOAD NONCONCURRENT WITH ANY OTHER LIVE LOADS	
TRUSS LOADING	ROOF
TCLL	20 PSF
TCDL	20 PSF
BCLL	0 PSF
BCDL	10 PSF
TOTAL	50 PSF
DURATION	1.25
TCDL / TO RESIST UPLIFT	5 PSF
BCDL / TO RESIST UPLIFT	5 PSF

CAUTION!!

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

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

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

REFER TO FINAL ENGINEERING SHEETS FOR THE FOLLOWING.

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

WARNING BACK CHARGES WILL NOT BE ACCEPTED REGARDLESS OF FAULT WITHOUT PRIOR NOTIFICATION BY CUSTOMER WITHIN 48 HOURS AND INVESTIGATION BY Builders First Source. NO EXCEPTIONS.
THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CONNECTIONS OTHER THAN TRUSS TO TRUSS, GABLE SHEAR WALL, AND CONNECTIONS. TEMPORARY AND PERMANENT BRACING, AND CEILING AND ROOF DIAPHRAM CONNECTIONS.

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 E 170 B EXT LANAI LH
MODEL	2540
ADDRESS	--
CITY, STATE	--
LOT	--
COUNTY	--
DRAWN BY	D.W.
ENG. BY	D.W.

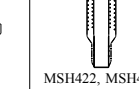
REVISIONS			
No.	DATE	NOTES	BY

IMPORTANT
 This Drawing Must Be Approved And Returned
 Before Fabrication Will Begin. For Your Protection
 Check All Dimensions And Conditions Prior To
 Approval Of Plan.
 SIGNATURE BELOW INDICATES ALL NOTES
 AND DIMENSIONS HAVE BEEN ACCEPTED.

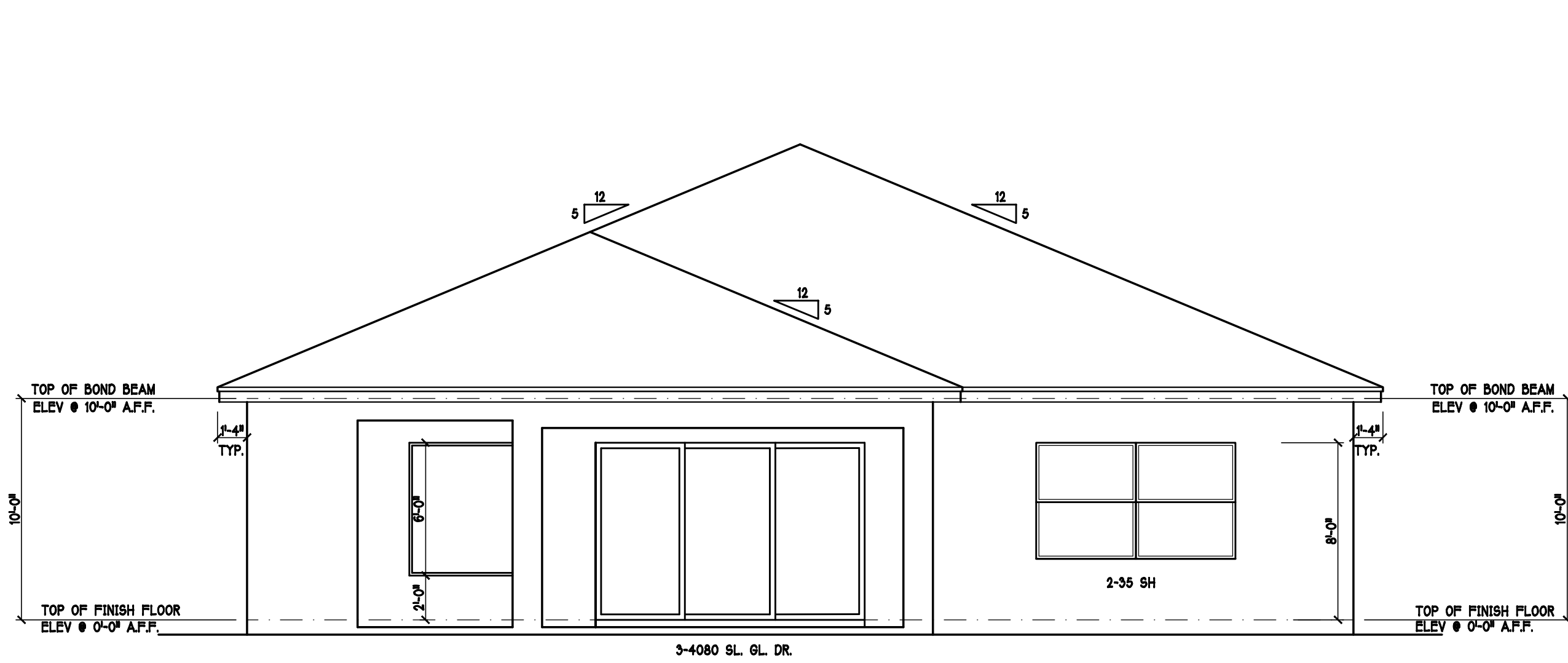
By _____ Date _____

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

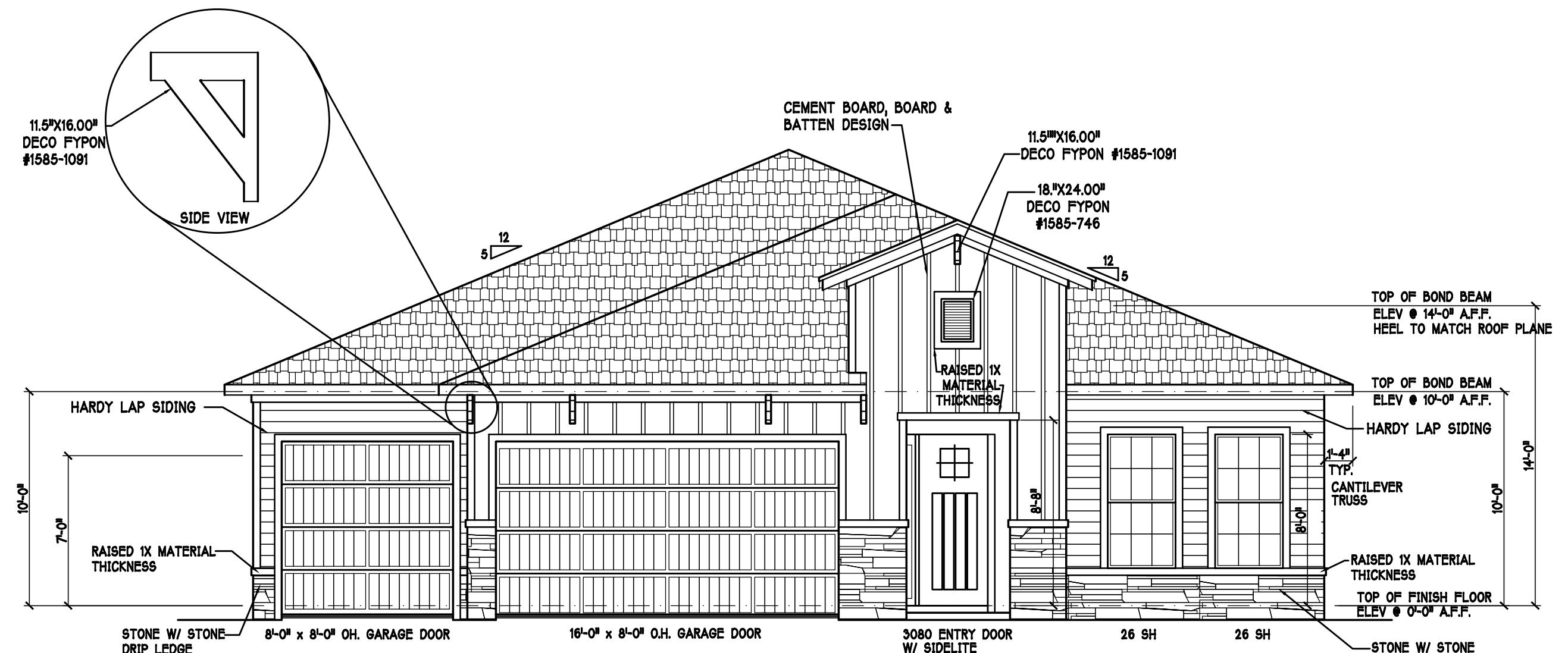


USP ROOF AND FLOOR TRUSS HANGER SCHEDULE							
ID	QTY/RF	QTY/FL	MODEL	FLOOR	ROOF	UPLIFT	SYMBOL
A*	6	0	JUS24	725	895	490	 A*
A	7	0	THD26	2940	3200 / 3600	1250 / 1555	 A
B	0	0	THD28	3820	3895 / 4680	1235 / 2140	 B
C	0	0	THD26-2	2940	3600	1515 / 2175	 C
D	0	0	THD28-2	3820	4310 / 4680	1530 / 3485	 D
E	0	0	THDH26-2	4355	5320	2155	 E
F	0	0	THDH28-2	7460	7460	3235	 F
G	0	0	THDH26-3	4355	5230	2155	 G
H	0	0	THDH28-3	7460	7460	3235	 H
I	0	0	THDH6710	9100	9100	4095	 I
J	0	0		865	1055	765	 J
K	0	0		865	1055	765	 K
L	0	0		1440	1760	1250	 L
M	0	0		1440	1760	1250	 M
N	0	0		2680	3265	960	 N
O	0	0	HJC26	2385	2980	1840	 O
P	N/A	0	THD46	2790	3410	1550	 P
Q	N/A	0	MSH422	2245	2245	1855	 Q
R	N/A	0	MSH422F	2245	2245	1855	 R
S	N/A	0	MSH426	2435	2435	1855	 S
NOTE: UPLIFT VALUE FOR TH422, TH4242, TH426 HANGERS APPLY ONLY TO FACE MOUNT INSTALLATION							
(1) PLY	(1) PLY	(2) PLY	(3) PLY	CORNER HIP	CORNER HIP	(1) PLY F.I.R. TRUSS	
							
JUS24	THD26, THD28	THD26-2, THD28-2	THD26-3, THD28-3	HJC26	THD46	MSH422, MSH422F, MSH426 SIMILAR	

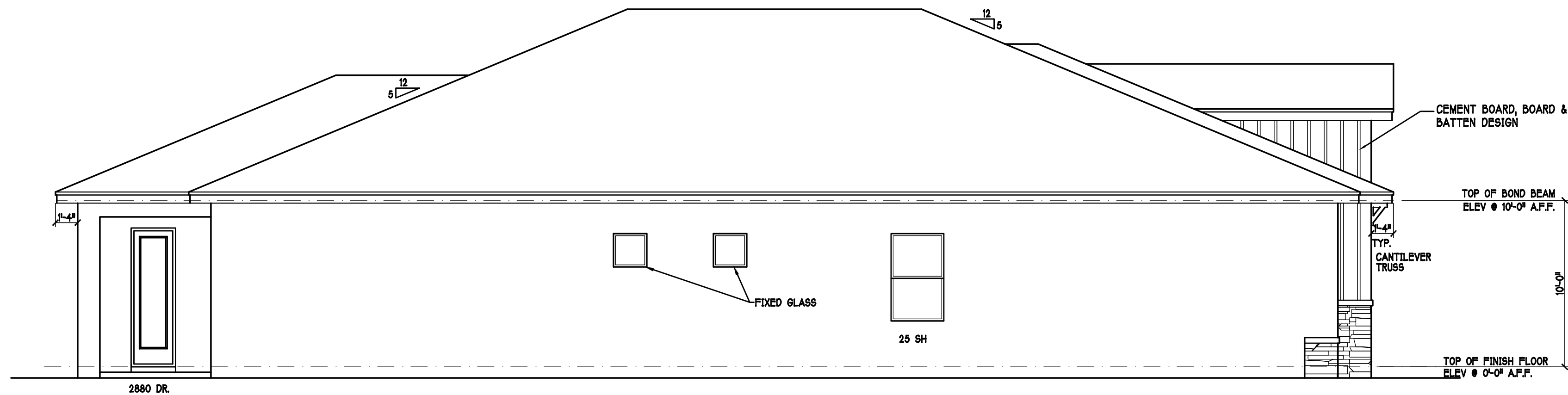
- NOTES:
- 1) ALL DIMENSIONS ARE FEET-INCHES-SIXTEENTHS.
 - 2) DO NOT CUT OR ALTER TRUSSES IN ANY WAY.
 - 3) ALL REACTIONS ARE UNDER 5000 LBS. UNLESS NOTE OTHERWISE.
 - 4) ALL UPLIFTS ARE UNDER 1000 LBS. UNLESS NOTED OTHERWISE.
 - 5) FRAMING REQUIRED BELOW TRUSSES TO GET DESIRED CEILING CONDITIONS.
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



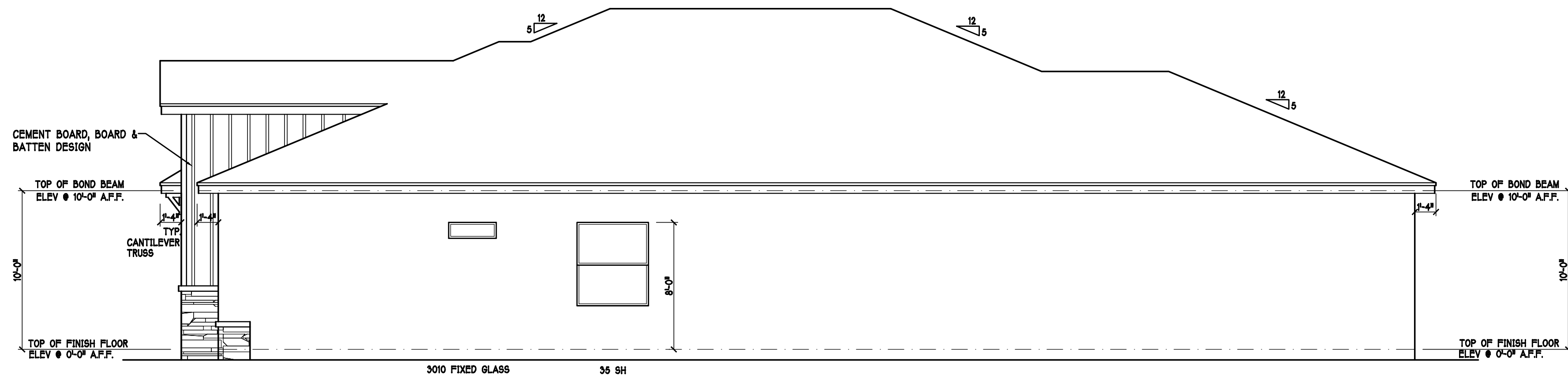
REAR ELEVATION: "E" SCALE: 3/16" = 1'-0"



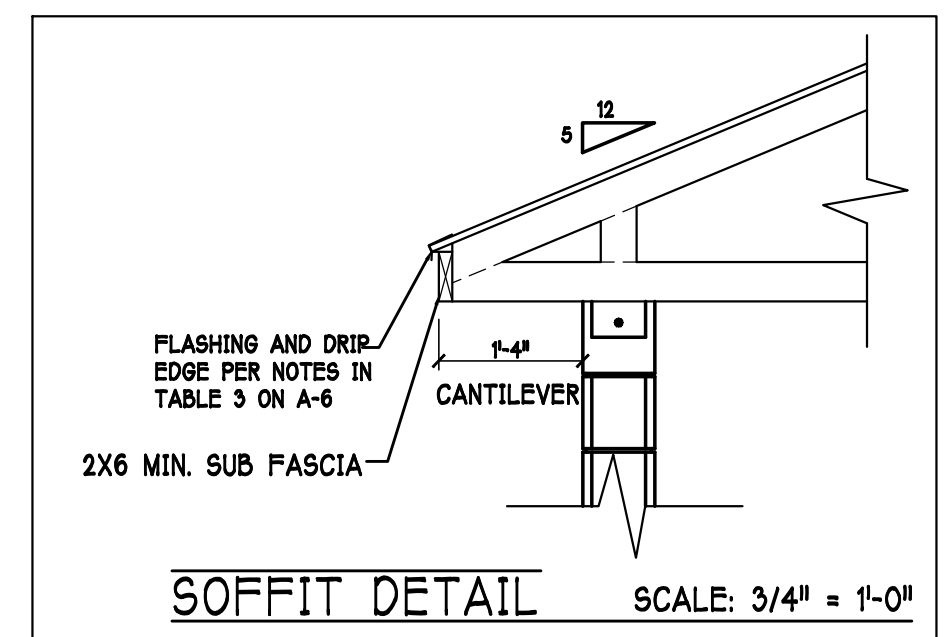
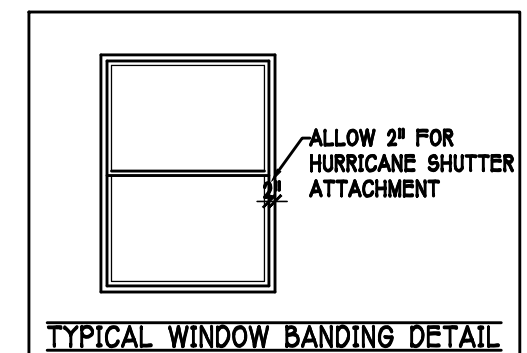
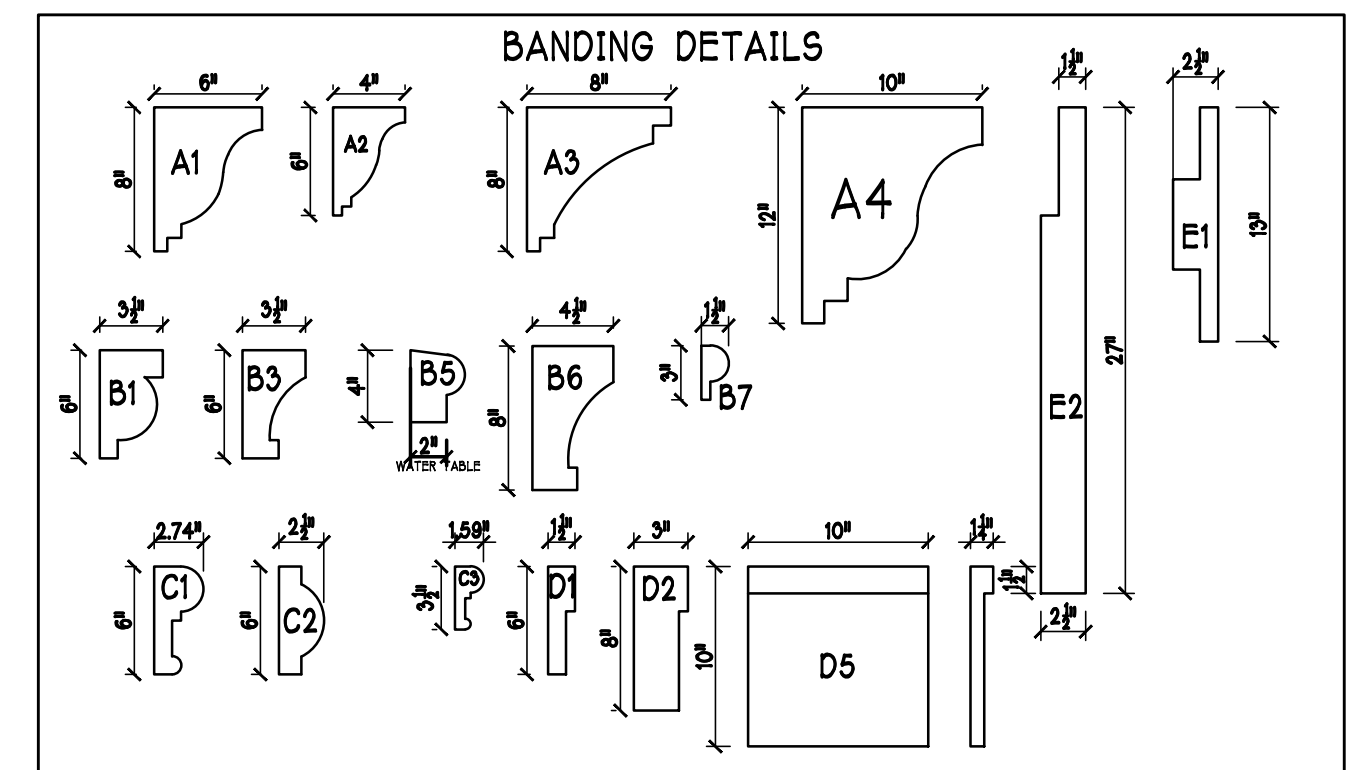
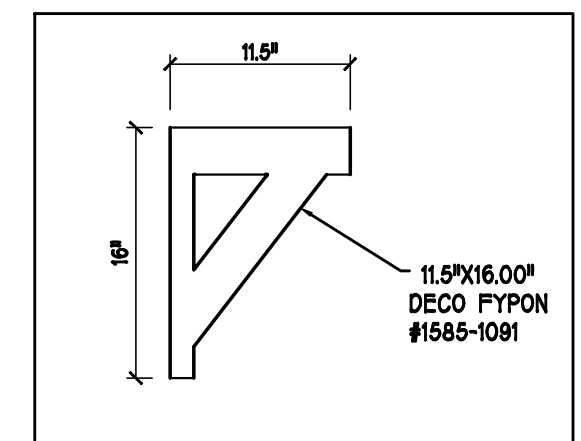
FRONT ELEVATION: "E" SCALE: 3/16" = 1'-0"



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



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



DESIGN IN ACCORDANCE W/ THE 2017
FLORIDA BUILDING CODE- 6TH EDITION

D.R. HOBSON
America's Builder

Gulf Coast
Drafting & Design, Inc.
EMAIL: PLANS@GULFCOASTDRAFTING.COM
PHONE: 239-540-1822
1515 SE 47th ST. CAPE CORAL, FL 33904

MODEL: 2540 E

RESIDENCE FOR: SPEC

LOT: 20 BLOCK :
SUBDIV: NAPLES RESERVE III 64s
ADDRESS: 14668 KELSON CIRCLE
G.C.D. #: 10985 D.R.H. #: 579540020

DATE: 06-13-19

DRAWN BY: JSL

CHECKED BY: JWC

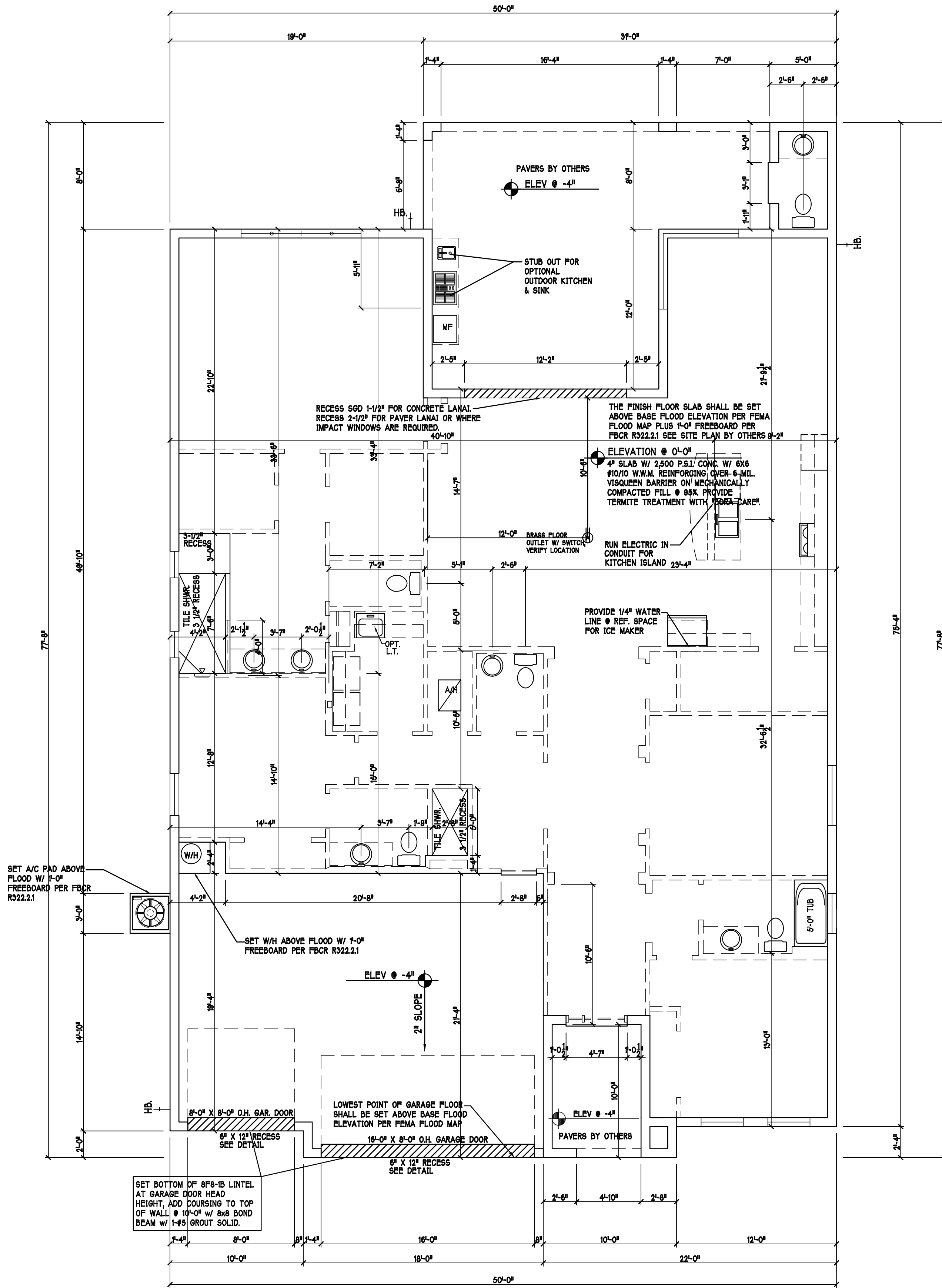
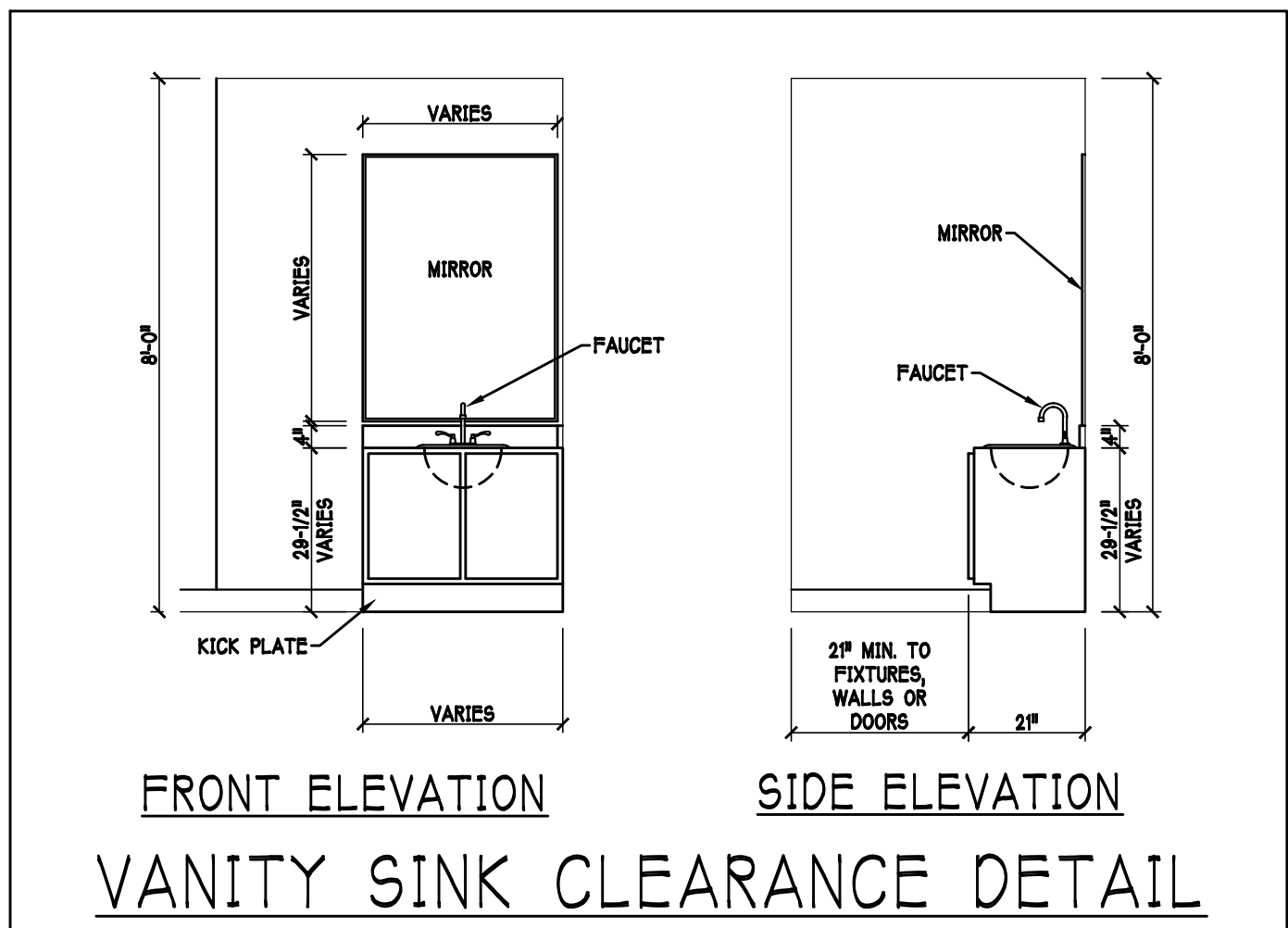
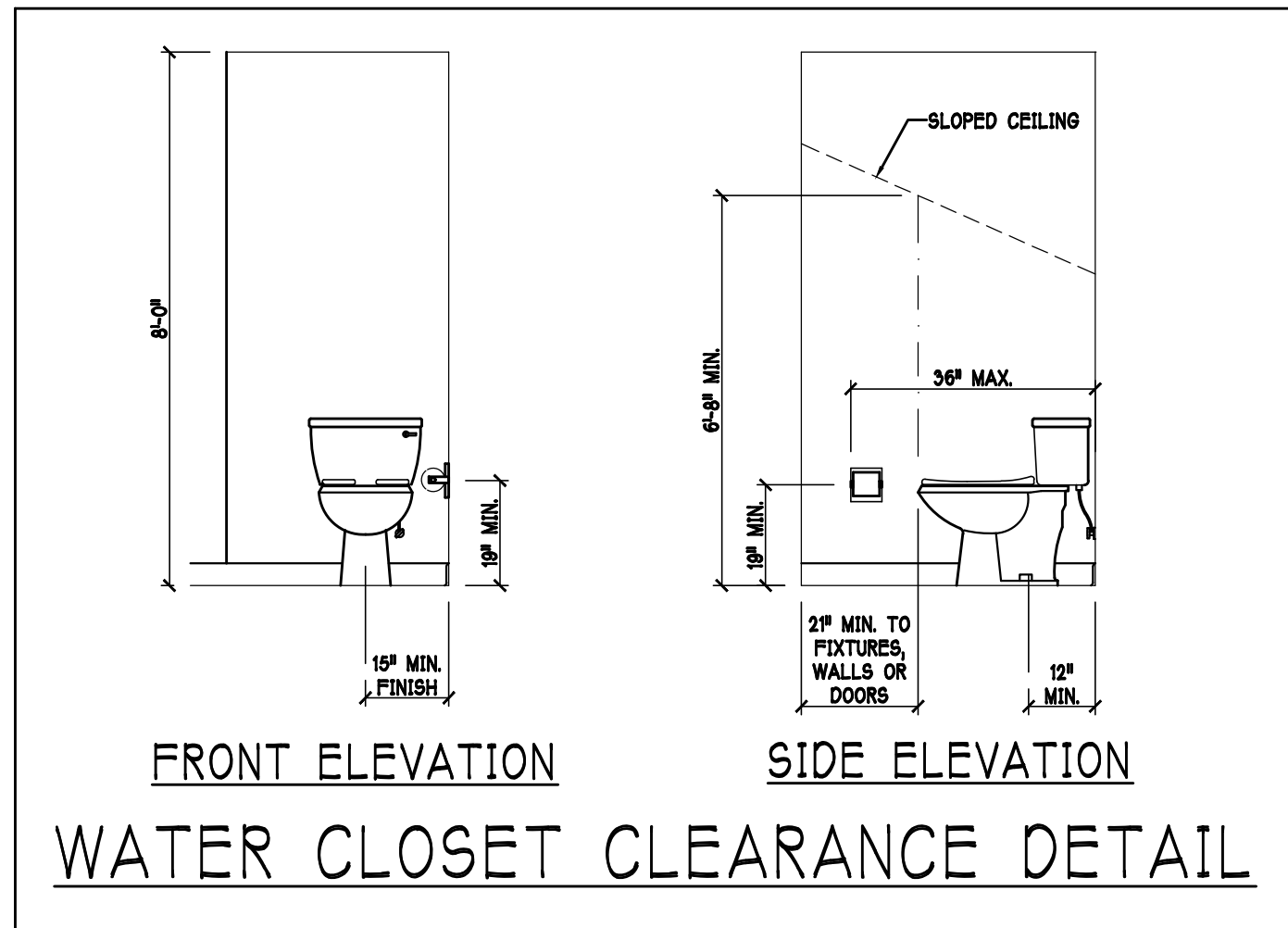
REVISED:

PLAN: ELEVATION

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

SHEET#

A-1 E



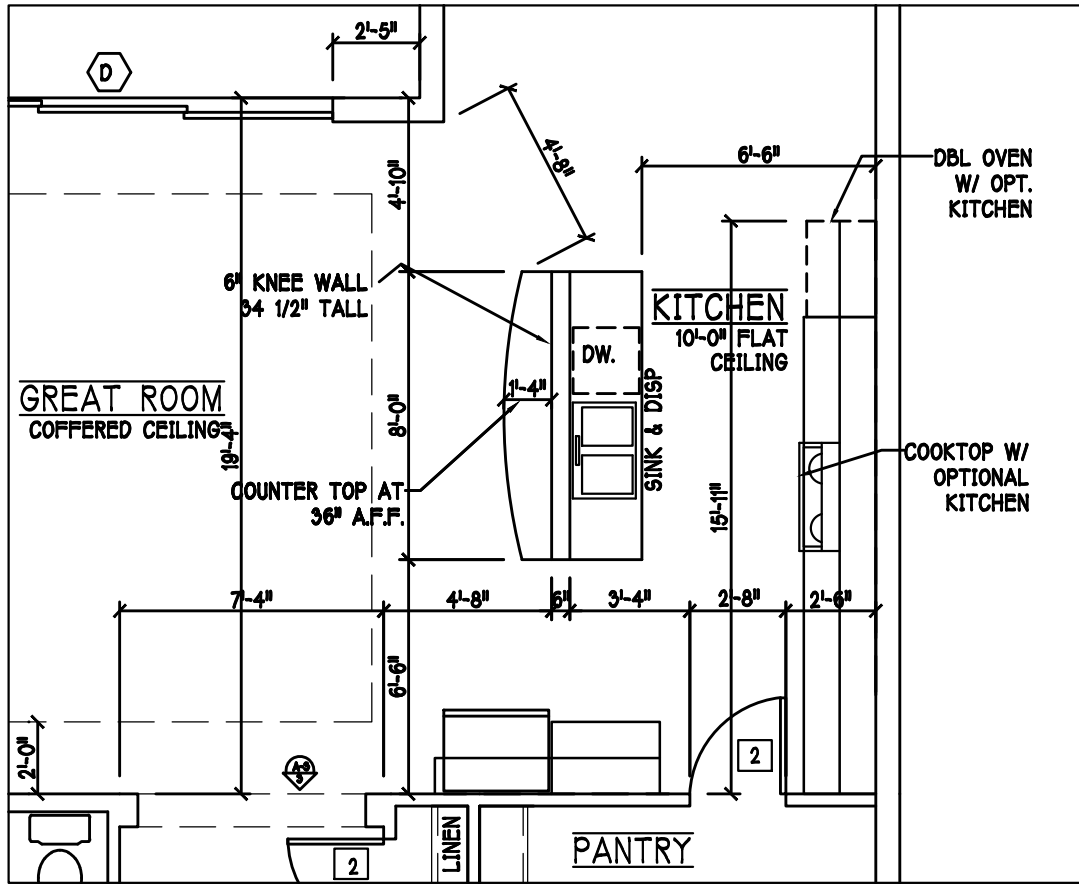
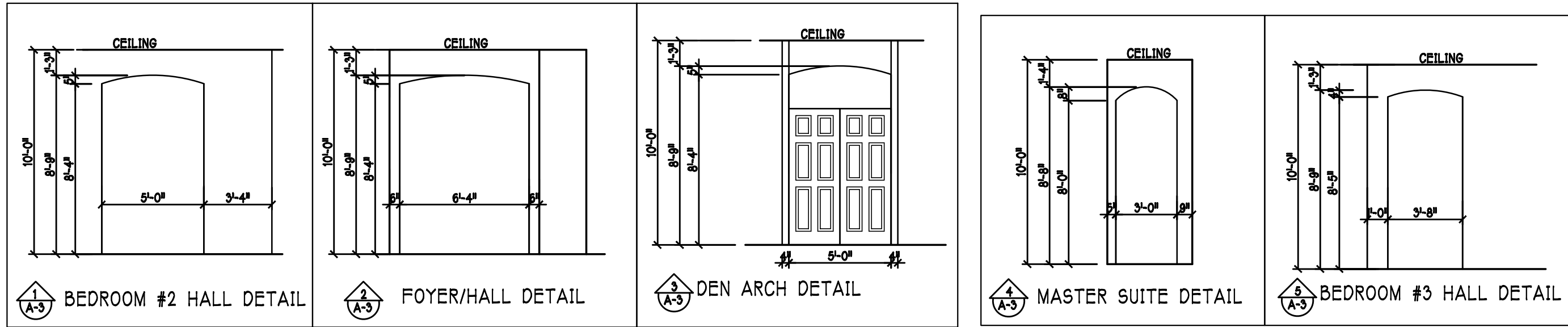
SLAB & PLUMBING PLAN: "E" SCALE: 3/16"=1'-0"

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PHONE: 239-540-1822
1515 SE 47TH ST. CAPE CORAL, FL 33904

LOT: 20	BLOCK :	MODEL: 2540 E	RESIDENCE FOR: SPEC
SUBDIV: NAPLES RESERVE III 64s		ADDRESS: 14668 KELSON CIRCLE	
G.C.D. # : 10985			
DATE: 06-13-19		DRAWN BY: JSL	
CHECKED BY: JWC		REVISED:	
PLAN: SLAB & PLUMBING		SCALE: 3/16" = 1'-0"	
SHEET#		A-2 E	



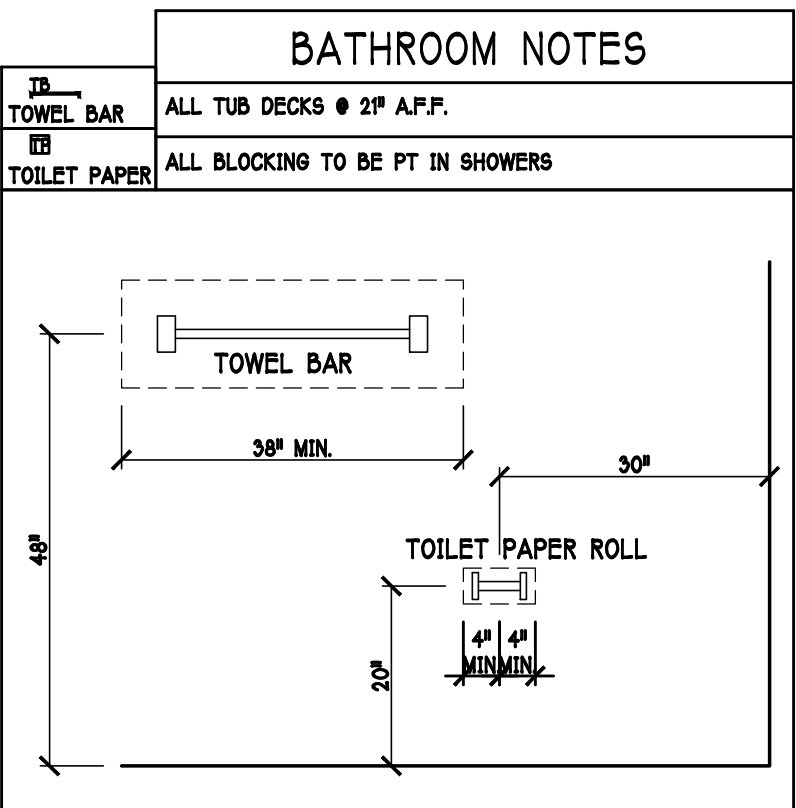
D R HORTON					
MARK	SIZE CODE	PRODUCT DESCRIPTION	WIDTH	HEIGHT	COMMENTS
1	OVERHEAD	GARAGE DOOR	182	96	
2	OVERHEAD	GARAGE DOOR	96	96	
3	3080	ENTRY DR.	36	96	
4	2880	ENTRY DR.	32	96	
SEE NOTE 1					4

INTERIOR DOOR SCHEDULE		
MARK	DOOR WIDTH	
1	3'-0"	PK. = POCKET DOOR
2	2'-8"	B.F. = BI-FOLD DOOR
3	2'-6"	B.P. = BI-PASS DOOR
4	2'-4"	
5	2'-0"	
6	1'-8"	
7	1'-6"	

D R HORTON					
MARK	SIZE CODE	PRODUCT DESCRIPTION	WIDTH	HEIGHT	COMMENTS
A	35	SH	54	63	IMPACT
B	25	SH	36	63	IMPACT
C	36" X 12"	F.G.	36	12	IMPACT
D	2-4080	SL. GL. DR.	146	96	IMPACT
E	24" X 24"	F.G.	24	24	FIXED GLASS IMPACT
F	72" X 72"	MITERED GLASS	72	72	TOP @ 8'-0" BOTTOM @ 2'-0"
G	26	SH	38	79	IMPACT
H	2-35	SH	108	63	IMPACT
I	12" X 86"	SIDE LITE	12	96	IMPACT
SEE NOTE 1					11

OPT IMPACT GLASS MAY BE INSTALLED IN LIEU OF SHUTTERS VERIFY W/ CONTRACT

SQUARE FOOTAGE		
LIVING AREA	2565	
GARAGE AREA	584	
POOL BATH	57	
LANAI AREA	451	
ENTRY AREA	73	
TOTAL AREA	3720	

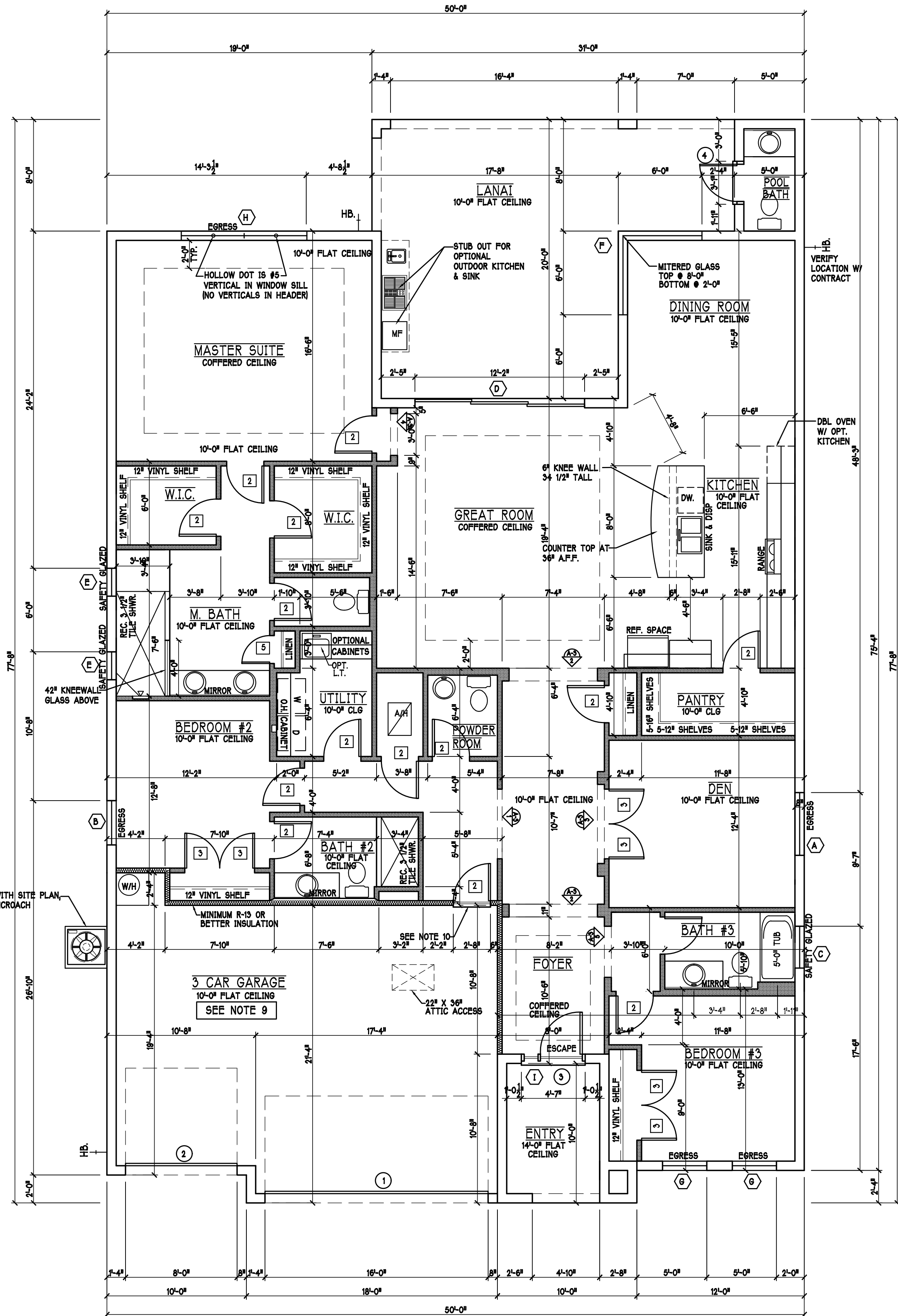
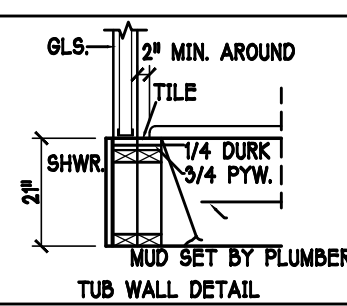


VINYL SHELF NOTES:

- ALL CLOSET SHELVES TO BE 12"
- ALL PANTRY & LINEN TO BE 14" 16" SHELVES 18" O.F.F. WITH 15" INCREMENT.

**** NOTE: ****

STUB OUT FOR GAS @ OUTDOOR KITCHEN, RANGE, WATER HEATER, AND DRYER. VERIFY WITH CONTRACT AND SUBDIV. SPECS.



DESIGN IN ACCORDANCE W/ THE 2017 FLORIDA BUILDING CODE- 6TH EDITION

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PHONE: 239-540-0822
1515 SE 17TH ST. CAPE CORAL, FL 33904

MODEL: **2540 E**

RESIDENCE FOR: **SPEC**

DATE: **06-13-19**

DRAWN BY: **JSL**

CHECKED BY: **JWC**

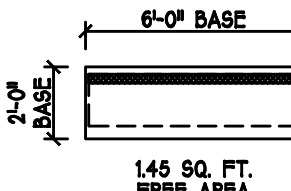
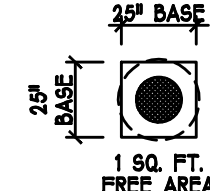
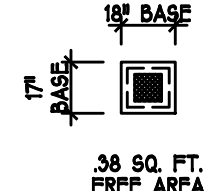
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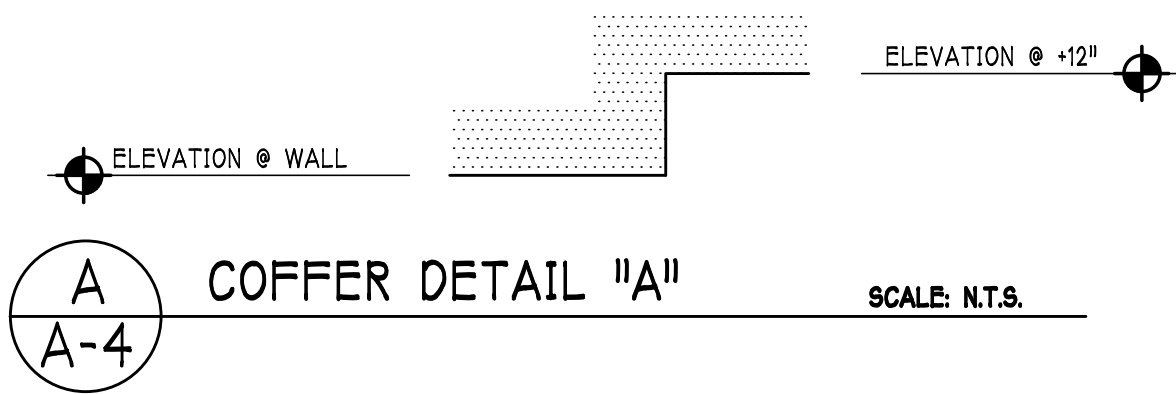
PLAN: **FLOOR**

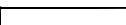
SCALE: **3/16" = 1'-0"**

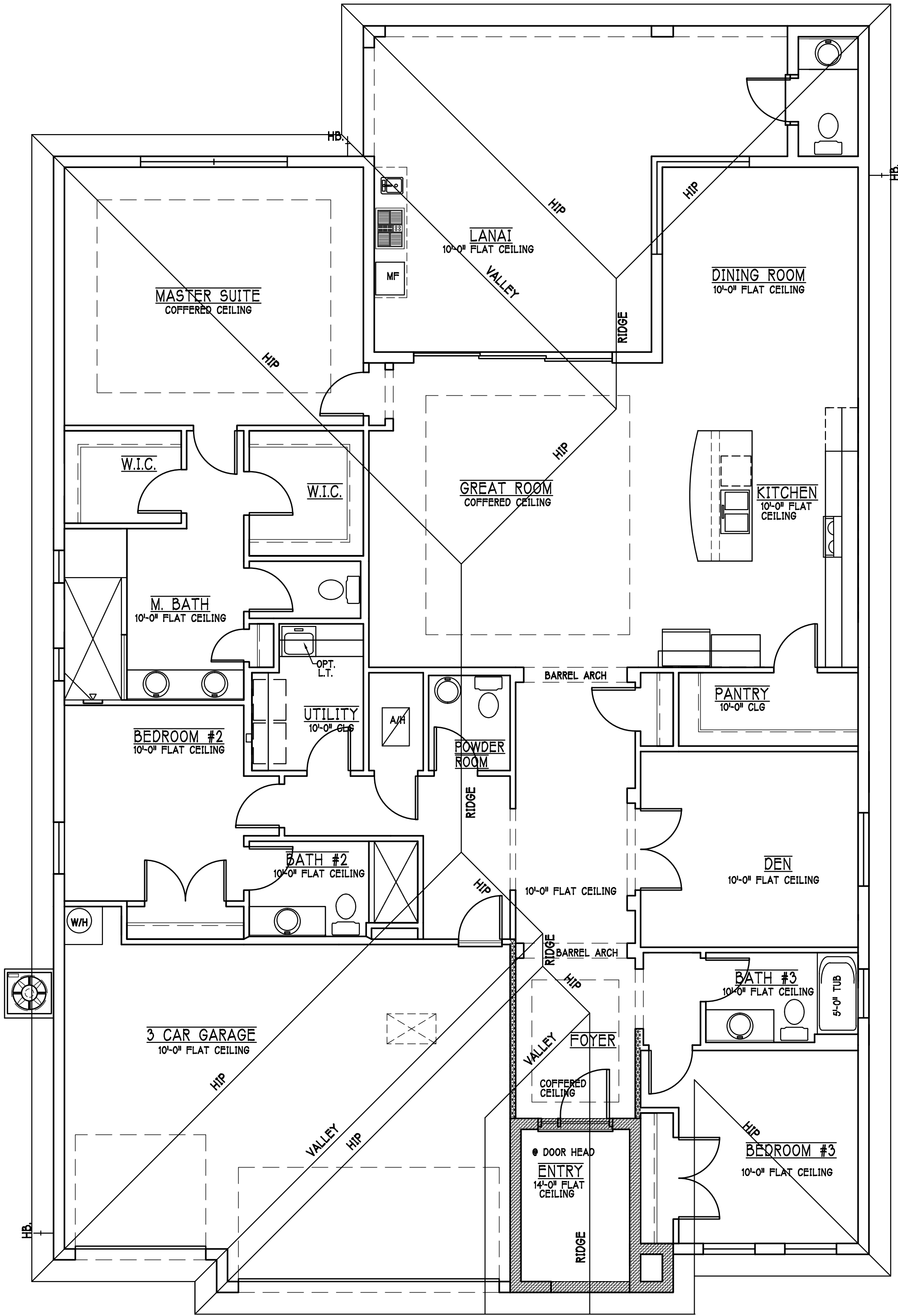
SHEET#

A-3 E

ATTIC VENTILATION						
verify venting requirements with energy calculations		WITHOUT OFF RIDGE VENTS		WITH OFF RIDGE VENTS (O.R.V.)		
ATTIC AREA (FBC R806)		VENTILATION REQUIRED (ATTIC AREA 1/150)		VENTILATION REQUIRED (ATTIC AREA 1/300 INSTALL PER FBC R806.2 MINIMUM AREA REQUIREMENTS)		
mark	square footage	soffit vents	MIN AIR FLOW OF SOFFIT	total ventilation	off ridge vents	MIN AIR FLOW OF SOFFIT
①	3707 SQ. FT.	24.71 SQ. FT.	7.0%	O.R.V. NOT USED		
		ATTIC VENTILATION CALCULATION: attic sq. ft. / 150 = vented sq. ft.		ATTIC VENTILATION CALCULATION: attic sq. ft. / 300 = vented sq. ft.		
						
						
OFF RIDGE EXHAUST VENT SIZES (AREA NET FREE SQUARE FEET) SCALE: 1/4"=1'-0"						



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



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

DESIGN IN ACCORDANCE W/ THE 2017
FLORIDA BUILDING CODE- 6TH EDITION

LOT: 20	BLOCK :	MODEL: 2540 E
SUBDIV: NAPLES RESERVE III 64s		
ADDRESS: 14668 KELSON CIRCLE		RESIDENCE FOR: SPEC
G.C.D. # :	10985	D.R.H. # : 579540020

DATE:	06-13-19
DRAWN BY:	JSL
CHECKED BY:	JWC
REVISED:	
PLAN:	CEILING PLAN
SCALE:	3/16"=1'-0"
SHEET#	

	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 @ ELEV. A.F.P.
	TIMER SWITCH
	SPI 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 OPERATIONAL CARBON MONOXIDE ALARM MOUNTED WITHIN 10 FEET OF EACH ROOM USED FOR SLEEPING PURPOSES. PER RULE 98-304.72 10 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
	AIR DISCONNECT
	PUSH BUTTON
	DB= DOOR BELL
	KEYPAD
	4' FLUORESCENT LIGHT
	2' UNDER COUNTER LIGHT

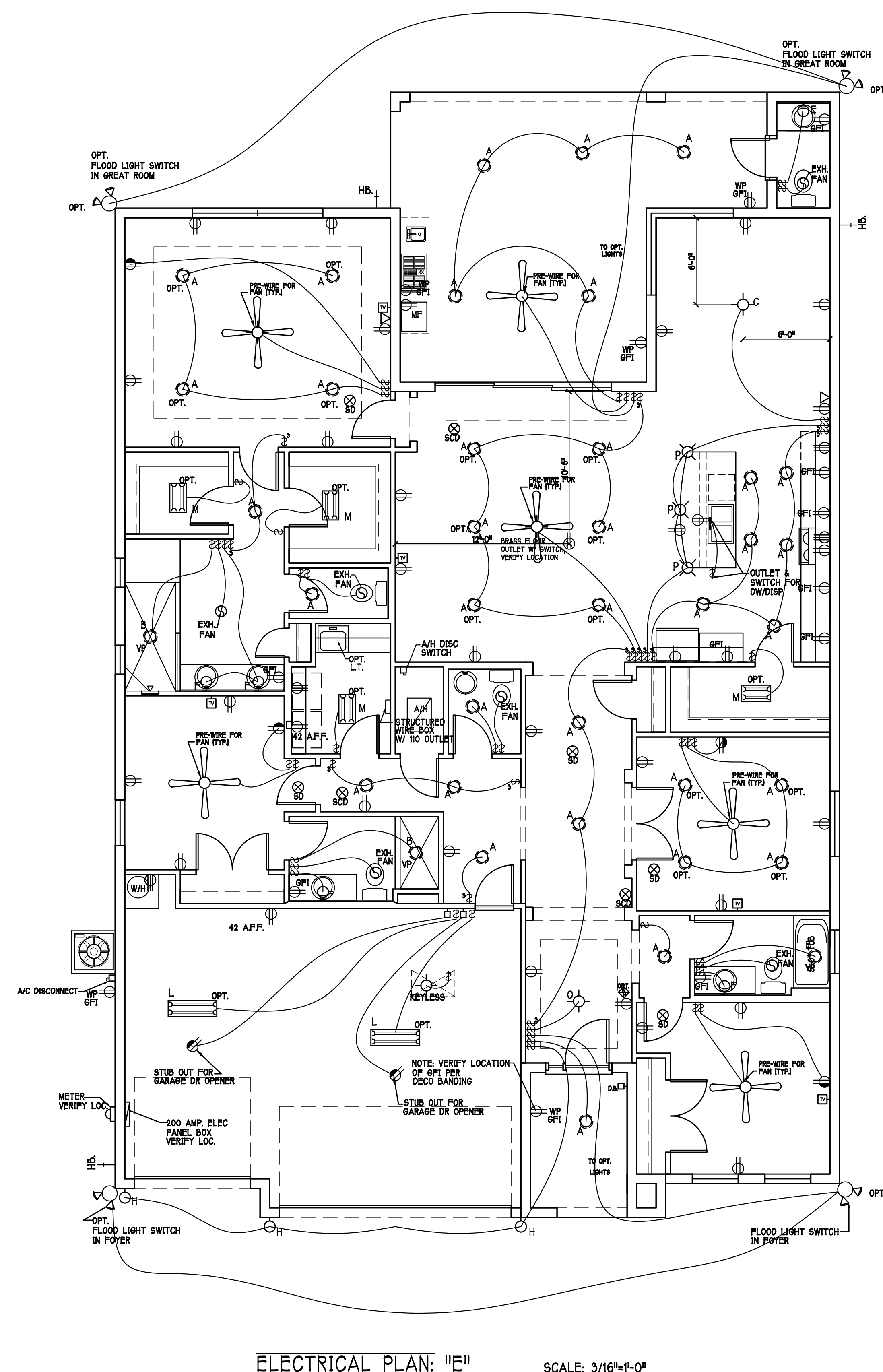
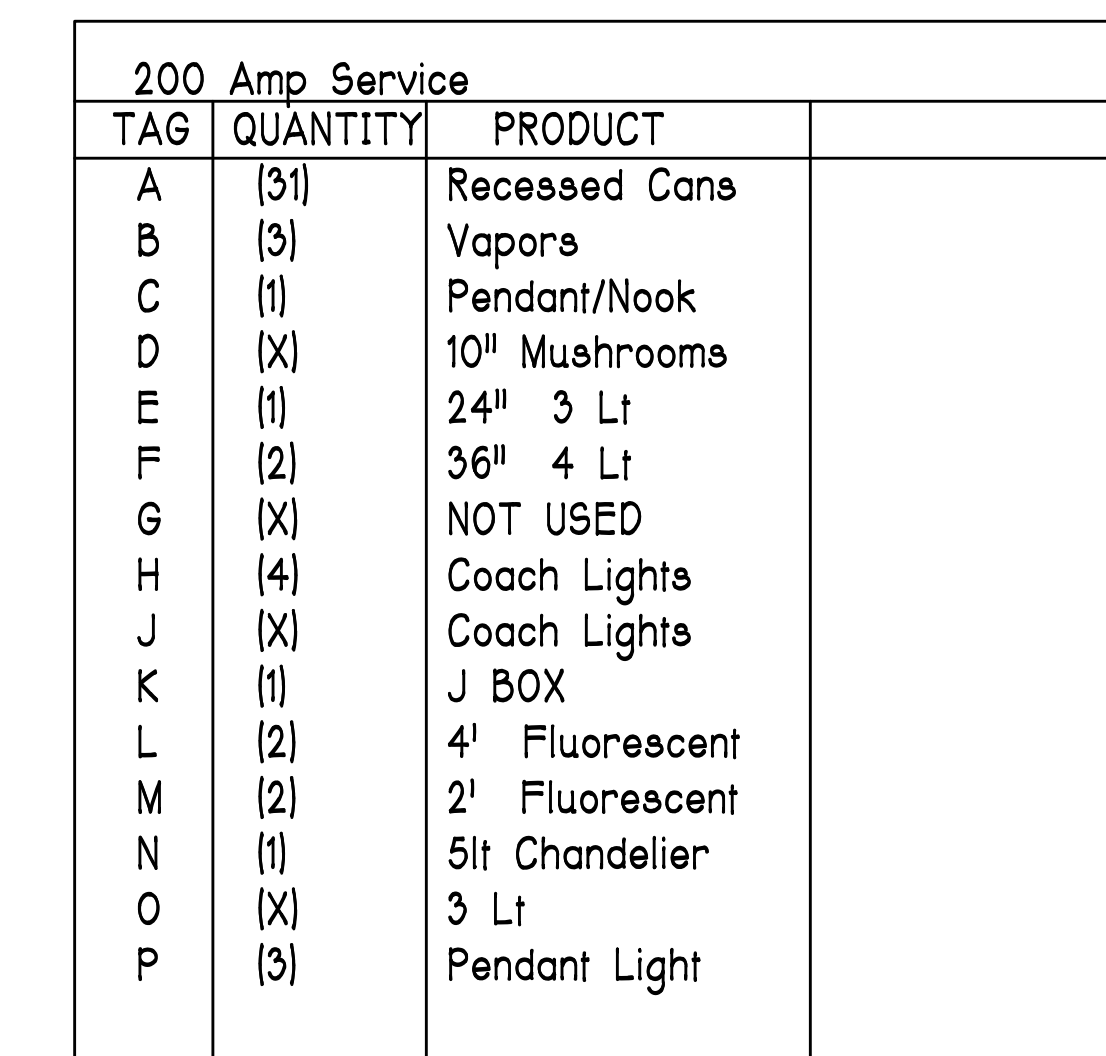
Install Arc-Fault circuit-Interruptioners & Tamper-Resistant Receptacles shall be installed in dwelling unit, per NEC 210.12 & 406.11

All electrical equipment to be set at or above base flood elevation

All outlets in wet areas and all exterior outlets to be GFI's

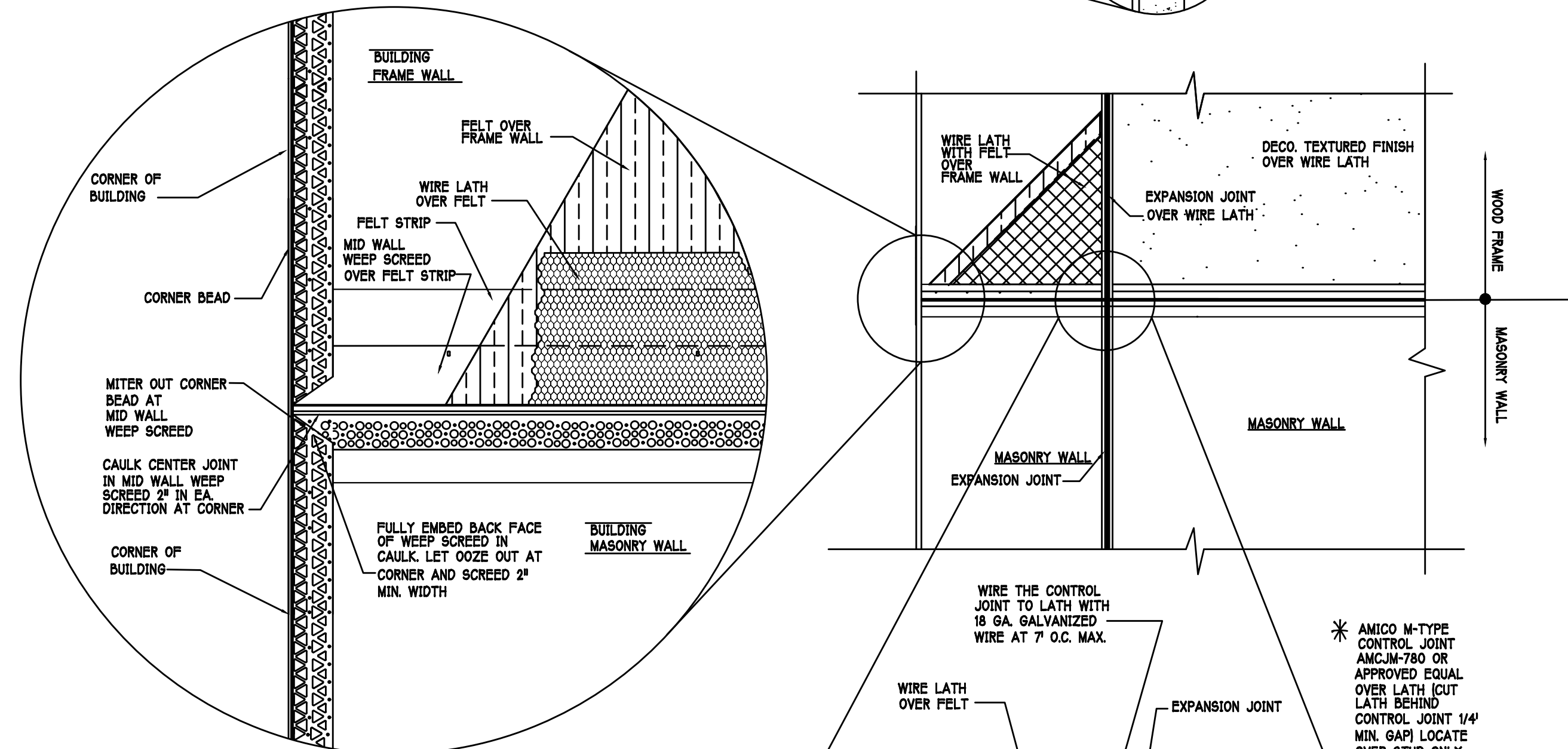
Install Phone & T.V per contract .

INSTALL ALL ELECTRICAL PER NEC 2014



ELECTRICAL PLAN: "E" SCALE: 3/16"=1'-0"

DESIGN IN ACCORDANCE W/ THE 2017
FLORIDA BUILDING CODE- 6TH EDITION



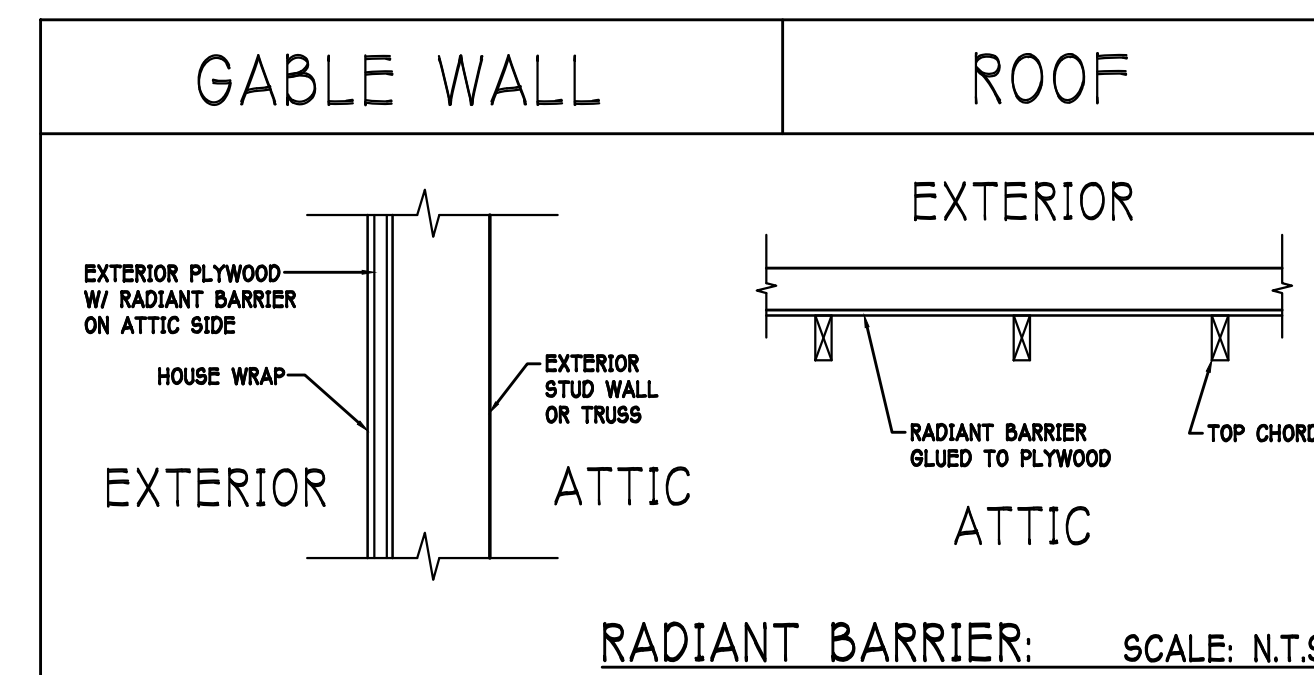
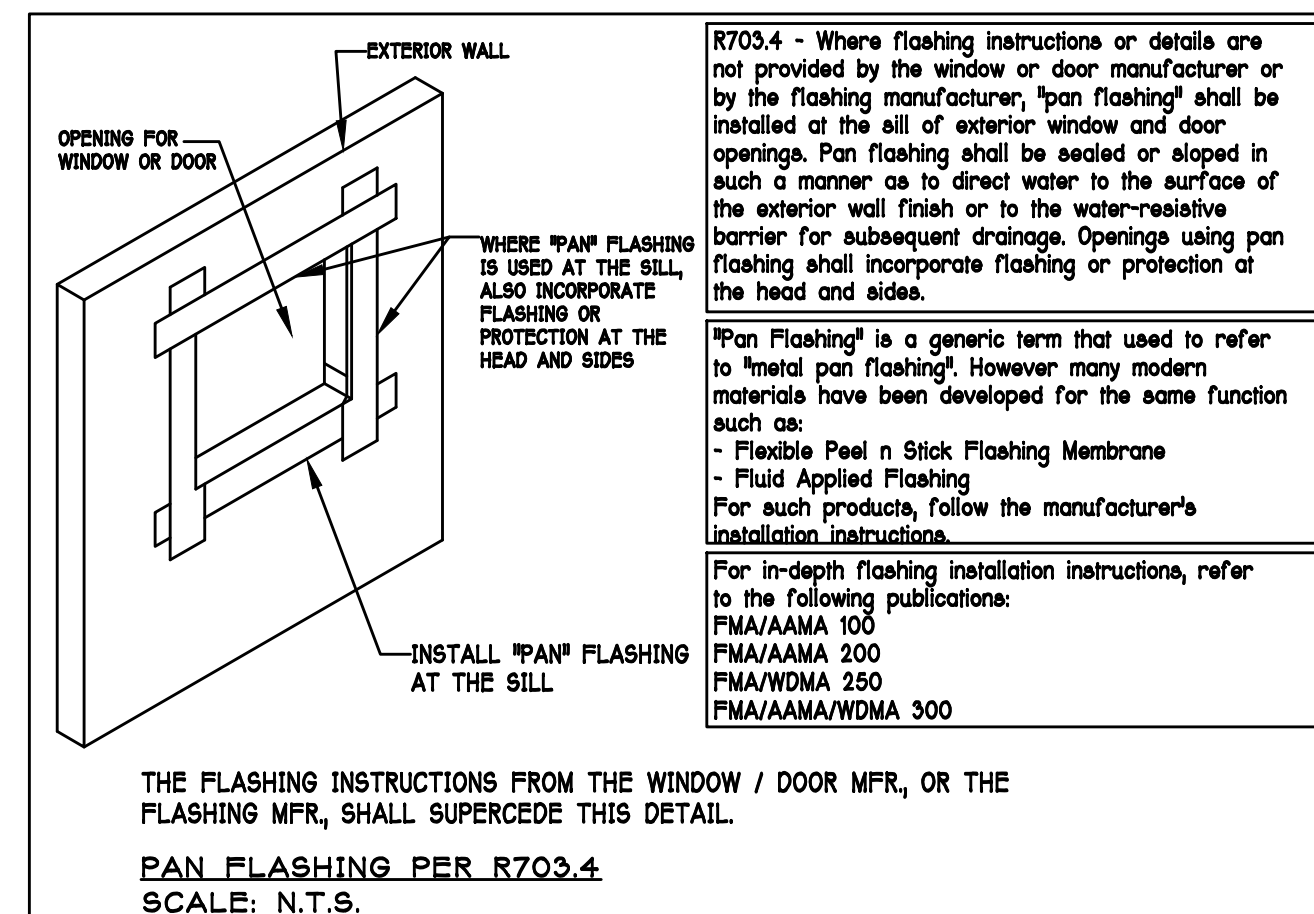
WEEP SCREED DETAIL

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, BRACKETS, HANGERS, SLAD 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 2,000 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 MANUFACTURERS 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, PRESERVED, OR NATURALLY RESISTANT TO DECAY.
ALL WOOD TOUCHING MASONRY OR CONCRETE SHALL BE ISOLATED, OR PRESERVE TREATED.
8. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO OBTAIN ERECTION PROCEDURES AND SEQUENCES TO ENSURE STABILITY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION, THIS INCLUDES THE NECESSARY SHORING, SHEETING, TEMPORARY BRACINGS, OTS, OR TIE DOWNS.
9. CEILING DRYWALL INSTALLED WITHIN THE HOUSE TO TRUSSES SPACED 24" O.C. SHALL BE 5/8" DRYWALL OR 1/2" 94G STIFFENER PER SEC. 702.3.5
10. LANAI CEILINGS & COVERED ENTRY CEILINGS
4"X STRIPPING @ 16" O.C. FASTENED WITH 2-8d NAILS TO EACH TRUSS, 5/8" EXTERIOR DRYWALL CEILING FASTENED WITH 8d NAILS OR 1-3/8" DRYWALL @ 16" O.C. RIGID INSULATION @ 16" O.C.

RAOF SHEATHING
SHALL BE APA RATED SHEATHING, EXPOSURE 1, SPAN RATING 24/16 OR BETTER.
INSTALL PANELS WITH LONG EDGES PARALLEL TO TRUSSES, A 1/8" SPACE BETWEEN ADJACENT SHEETS SHALL BE MAINTAINED. INSTALL $\frac{1}{4}$ " CLIPS AT UNSUPPORTED PANEL EDGES.

FLASHING
FLASHING SHALL BE ALUMINUM, ALUMINUM ZINC COATED STEEL, .078 INCHES THICK. GAGE .030 ALUM ZINC OR GALV. PANTO STEEL, .078 INCHES THICK, 26 GAGE ZINC COATED 680 FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH THE ZIP SYSTEM MANUFACTURER'S PUBLISHED REQUIREMENTS. ALL FLASHING AN INSTALLATION SHALL CONFORM TO SECTION R905.2.1 TO 5).

DRIP EDGE
DRIP EDGE SHALL BE PROVIDED AT ALL PAGES AND GABLES OF SHINGLE ROOFS.
DRIP EDGE SHALL BE 24" OR 30" GUTTS. THE OUTSIDE EDGE SHALL EXTEND A MINIMUM OF 1/2" BELOW SHEATHING AND THE INSIDE EDGE SHALL EXTEND BACK A MINIMUM OF 2" FROM THE INSIDE EDGE OF THE SHINGLE. THE DRAINAGE OF THE DRAINAGE SHALL BE A MINIMUM OF 4" WIDTH OF ROOF GUTTER INSTALLED OVER THE DRIP EDGE FLANGE.



3 ASPHALT SHINGLE ROOF SPECS

SHINGLES
Asphalt shingles shall be installed under asphalt shingles. All asphalt shingles shall have self sealing edges or be interlocking and comply with ASTM D 225 or 3042, and shall be secured to the roof with no less than 6 fasteners per shingle strip, or a minimum of 4 fasteners per shingle tile. And shall in no case be fastened to the roof with fasteners that require the use of a pneumatic fastener installation shall comply with the manufacturers requirements for installation in the given Florida wind zone, as determined by ASTM 318.

FASTENERS
Fasteners for asphalt shingles shall comply with ASTM F 1667, and shall be made of galvanized steel, stainless steel or aluminum with a minimum shank size of 12 gage 10.50 inches with a minimum 3/8 inch head and shall be of 1/8 inch to penetrate the sheathing.

The nail component of plastic cap nails shall meet or exceed the requirements of ASTM A 644, Class 1, or equal, and shall be corrosion resistant by coating with galvanized, mechanical galvanization, hot dipped galvanized or shall be made of stainless steel, non ferrous metal.

4 CLAY AND CONCRETE TILE ROOF SPECS

INSTALL FLEECE AND STICK UNDERLAYMENT APPROVED FOR SINGLE LAYER APPLICATION UNDER TILE ROOF.

THE INSTALLATION BY CEILING ELECTRIC GROUNDING SHALL COMPLY WITH THE PROVISIONS OF 98053 F.B.C.

MARKING: EACH ROOF TILE SHALL HAVE A PERMANENT MANUFACTURERS IDENTIFICATION MARK.

APPLICATION SPECIFICATIONS TO THE MANUFACTURERS IDENTIFICATION MARK SHALL COMPLY WITH THE FOLLOWING:

1. TILE PLACEMENT AND SPACING

2. ATTACHMENT SYSTEM NECESSARY TO COMPLY WITH CURRENT WIND CODE.

3. AMOUNT AND PLACEMENT OF MORTAR

4. AMOUNT AND PLACEMENT OF ADHESIVE

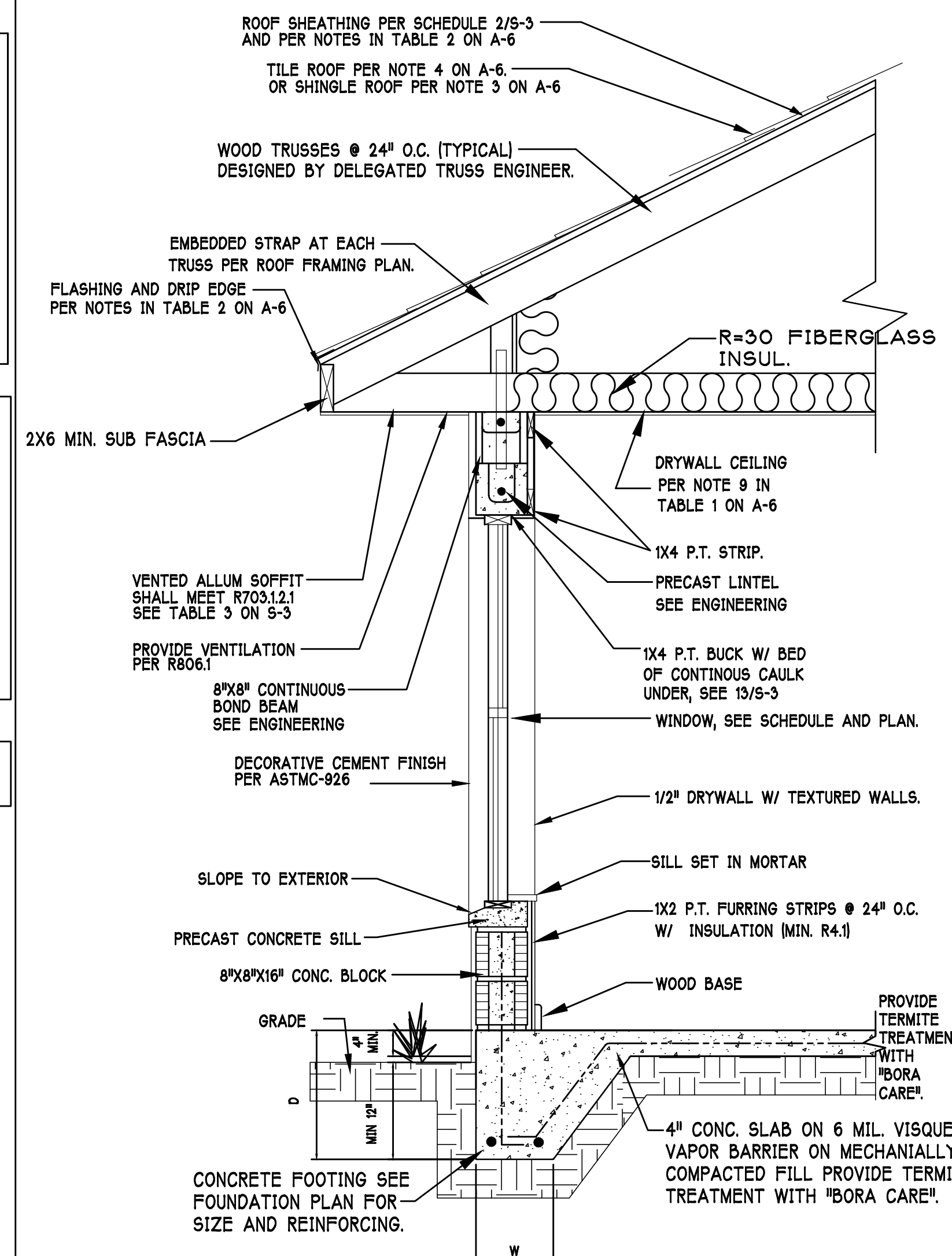
5. TYPE, NUMBER, SIZE, AND LENGTH OF FASTENERS AND CLIPS.

3. UNDERLAYMENT

4. SLOPE REQUIREMENT.

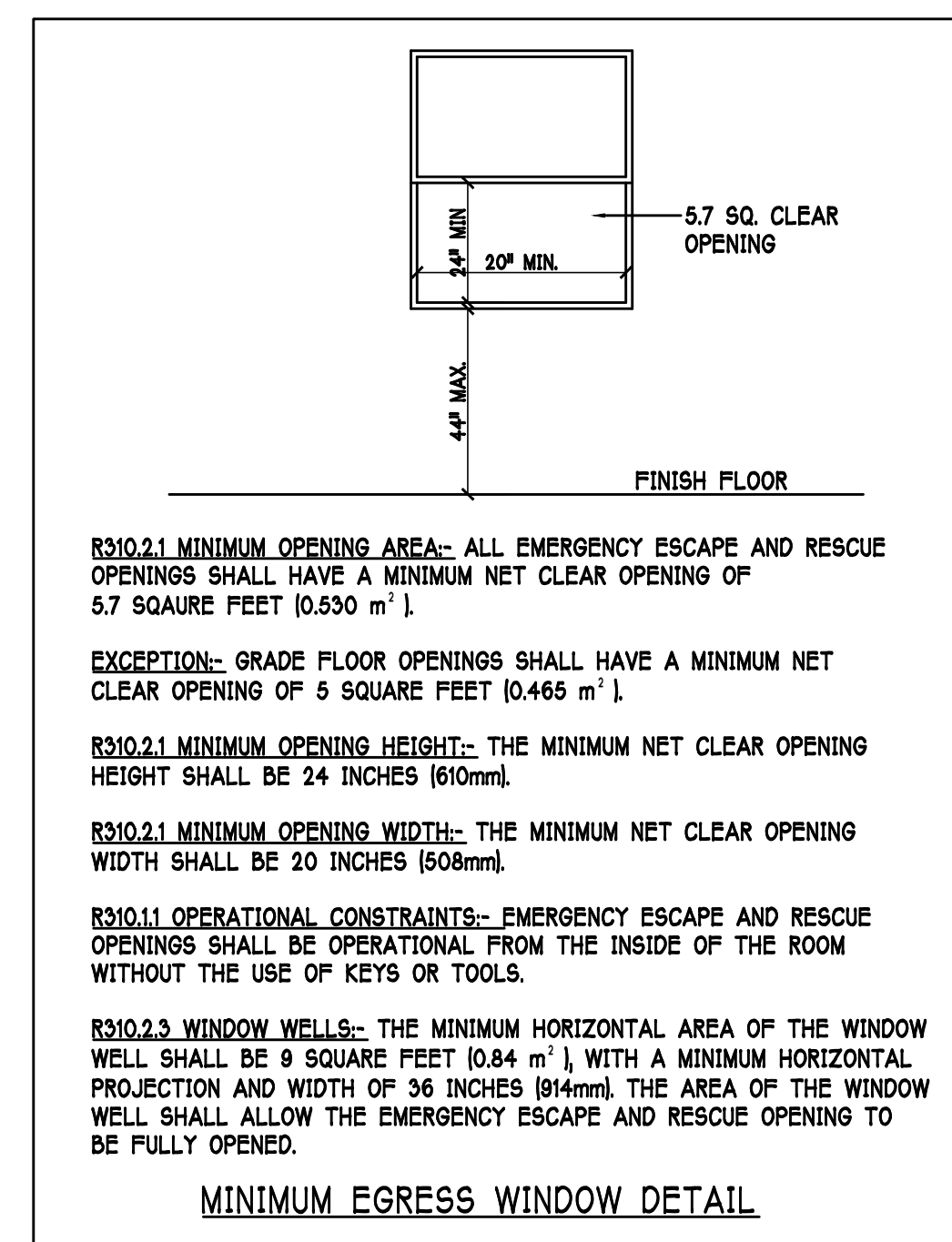
5 FLOOR SPECIFICATIONS

FLOOR SPECIFICATIONS AT 2ND FLOOR
A.P.A. RATED STUDIOS-FLOORING SURFING 1 TONGUE & GROOVE EDGES SPAN RATING 48/24 OR BETTER, GLUED AND NAILED



TYPICAL WALL SECTION

SCALE: N.T.S.



DESIGN IN ACCORDANCE W/ THE 2017
FLORIDA BUILDING CODE- 6TH EDITION

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

PLAN NOTES:

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 RAD FOOTING AT CONCENTRATED LOADS PER SCHEDULE THIS SHEET.

4) PROVIDE #5 VERTICAL REINFORCING AT DOT LOCATIONS SHOWN ON PLAN FROM FOOTING

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

5) ALL DIMENSIONS ARE TO OUTSIDE FACE OF MASONRY WALLS. SOME SLAB EDGES MAY EXTEND BEYOND FACE OF WALL.

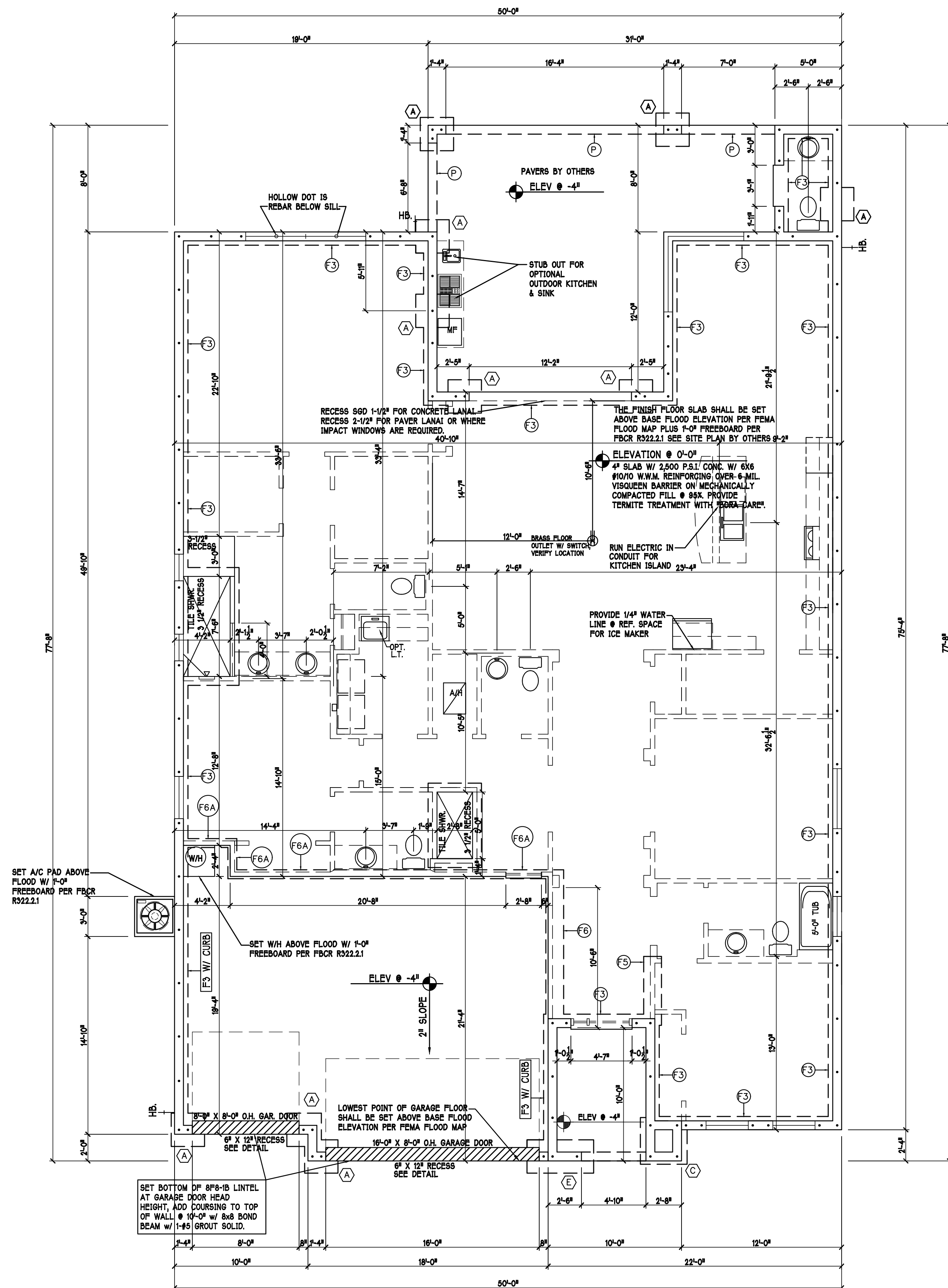
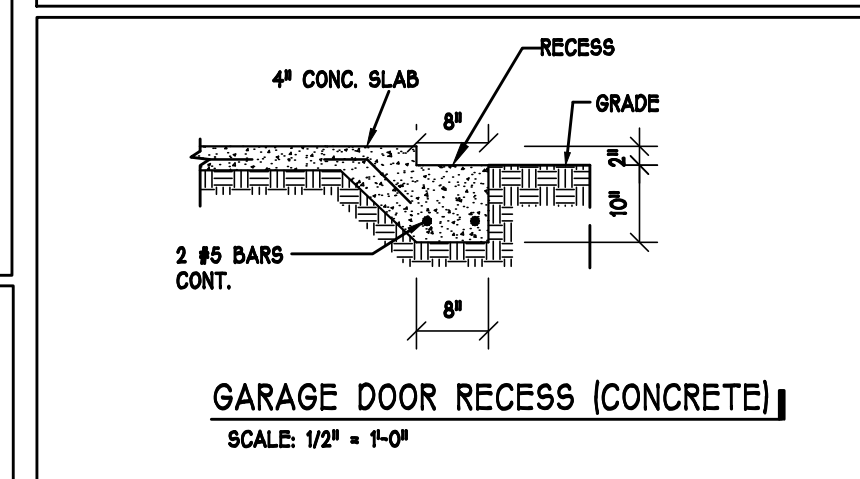
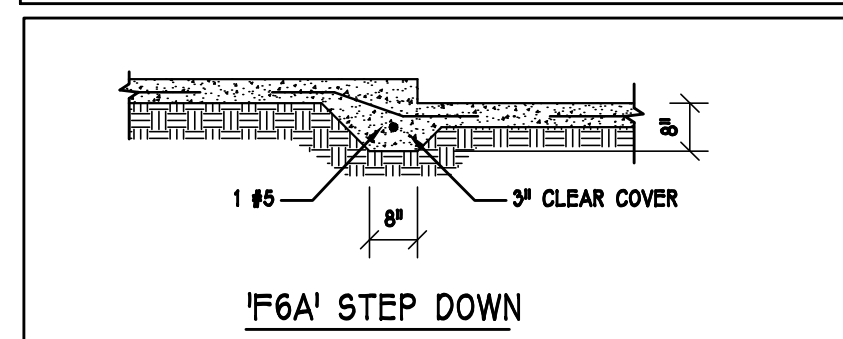
EXTEND BEYOND FACE OF WALL.
C) FOR DIMENSIONS OF ROUGH OPENINGS IN MASONRY WALLS, COORDINATE WITH

6) FOR DIMENSIONS OF ROUGH OPENINGS IN MASONRY WALLS, COORDINATE WITH WINDOW/DOOR SCHEDULE

WINDOW/DOOR SUPPLIER.

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

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



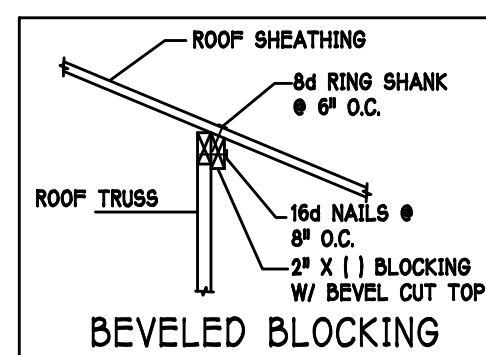
FOUNDATION PLAN: "E"

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

DESIGN IN ACCORDANCE W/ THE 2017
FLORIDA BUILDING CODE- 6TH EDITION

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 FOR THE SUITABLE FOR THE GEOMETRY. EMBED STRAP 0.75" OF WALL.
- 2) CONNECTORS ARE USP STRUCTURAL CONNECTORS. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH USP PRINTED INSTRUCTIONS.
- 3) SUBSTITUTION APPROVED IN WRITING BY THE ENGINEER OF RECORD.
- 3) WHERE EMBEDDED STRAPS ARE MISSING, OR MIS-LOCATED, INSTALL RETROFIT STRAP PER DETAIL 2/S-4.
- 4) "A"R" = ALL-THREAD. DRILL AND WEDGE WITH USP EPOXY PER MFR. INSTRUCTIONS.

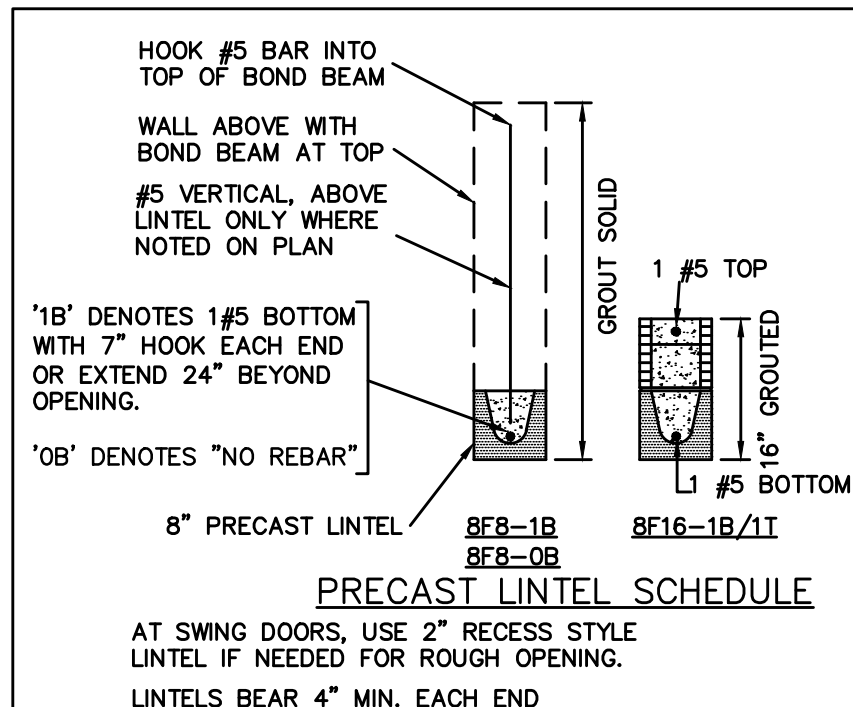


INSTALL AT ALL TRUSSES TO 1005 lb UPLIFT. FOR HIGHER UPLIFTS, SEE NOTES ON PLAN.	TRUSS STRAPPING TO STUD WALL/WOOD BEAM		
	MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER
	→ 1005	(1)MTW16	12-10dx1 1/2"
	2010	(2)MTW16	12-10dx1 1/2"
	3015	(3)MTW16	12-10dx1 1/2"
	1285	(1)HTW20	24-10dx1 1/2"
	2570	(2)HTW20	24-10dx1 1/2"
	3855	(3)HTW20	24-10dx1 1/2"
	5140	(4)HTW20	24-10dx1 1/2"

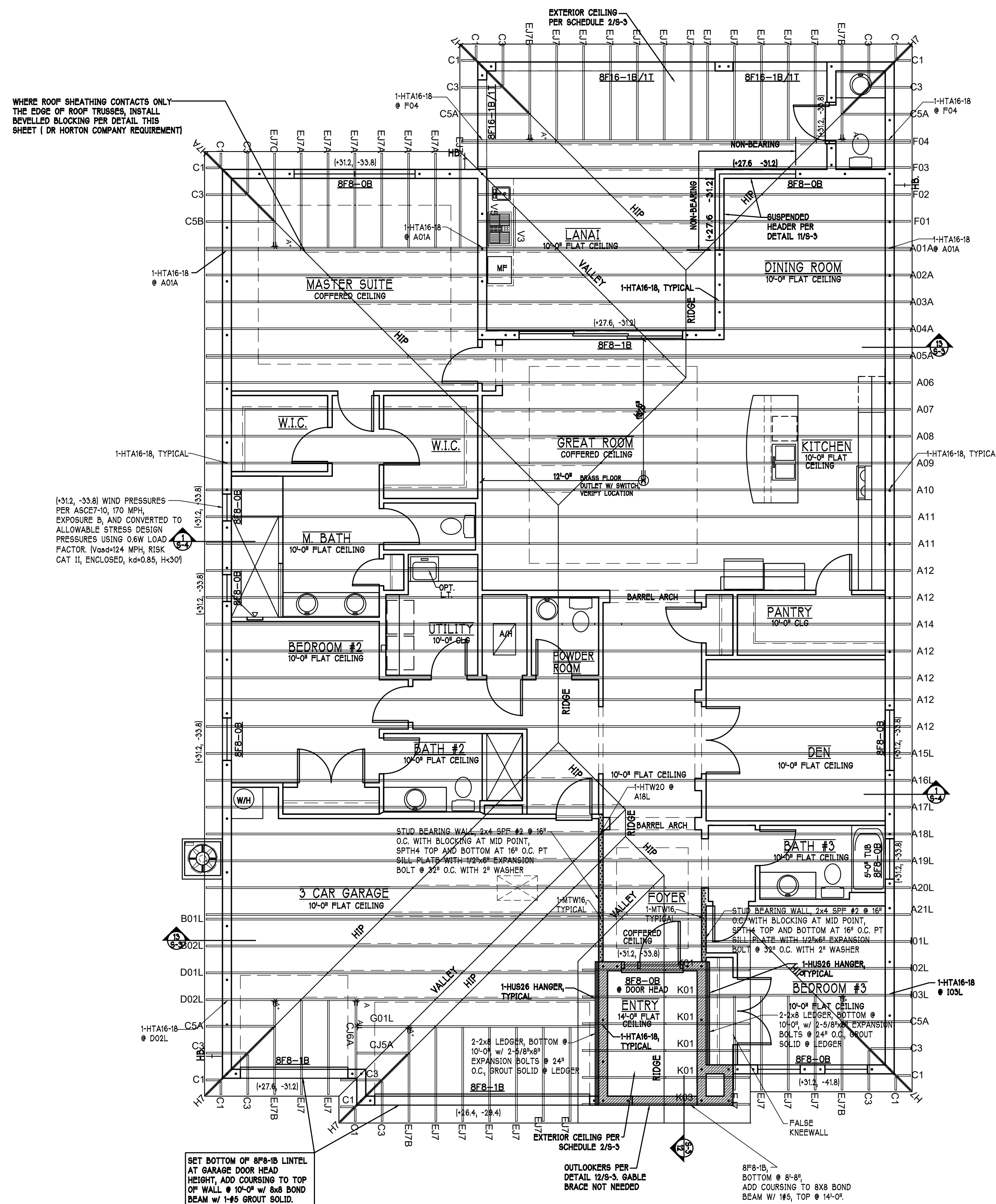
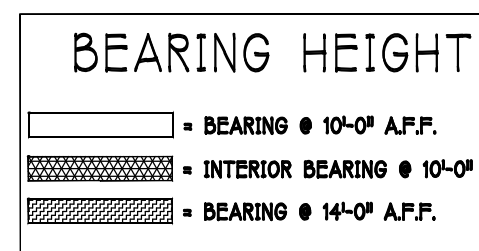
NOTES:

- 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.

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) [SP3-18] etc., DENOTES PRECAST LINTEL ABOVE DOOR/WINDOW OPENING PER SCHEDULE THIS SHEET.
6) AT TRUSS BEARING, PROVIDE 8x8 MASONRY DOW BEAM W/ 1 #5 CONTINUOUS. SEE DETAIL 2/A-6.



TRUSS BEARING CONDITIONS AND
STRAPPING IS BASED
ON TRUSS LAYOUT PREPARED BY BUILDERS FIRST SOURCE,
JOB #: MASTER, DATED: 01/29/18, REVISION: NONE

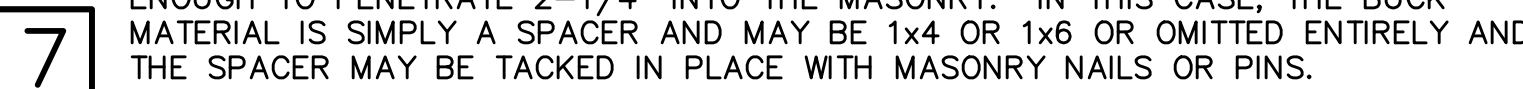
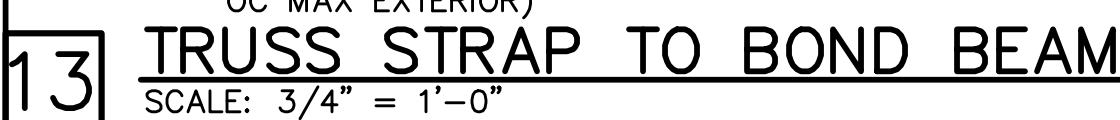


ROOF FRAMING PLAN: "E" SCALE: 3/16" = 1'-0"

DESIGN IN ACCORDANCE W/ THE 2017
FLORIDA BUILDING CODE- 6TH EDITION



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



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.



At Exterior Stud Walls and Gable Ends with Wall Sheathing, apply plaster over metal lath over water resistive barrier as follows:

Plaster R703.7.2: 3-coat 7/8" thick portland cement based plaster per ASTM C926.

Metal Lath R703.7.1: Self furring paper backed 2.5lb diamond mesh metal lath per ASTM C847, C60 galvanized, fastened per ASTM C1063 with 1-1/2" long, 11 gage nails with 7/16" head (roofing nails) at 7" oc, or 1-1/2" long, 16 gage staples at 6" oc, into the framing members (ie, the nails or staples must align with and penetrate 3/4" into the framing studs).

Water Resistive Barrier (WRB) R703.7.3: Water-resistive vapor-permeable barrier with a performance at least equivalent to 2 layers of Grade D paper. The individual layers shall be installed independently. An approved house wrap may be used for the 1st layer and metal lath with approved paper backing may be the 2nd layer (Note: ZIP wall sheathing with seam tape qualifies as the first layer).

- DESIGN CRITERIA:
- DESIGN IN ACCORDANCE WITH REQUIREMENTS OF THE
FLORIDA BUILDING CODE 6TH EDITION (2017) RESIDENTIAL
1. FLOOR & ROOF UNIFORM LOADS:
ELEVATED FLOOR ROOF: LIVE 40 PSF, DEAD LOAD 20 PSF
ROOF: LIVE TOP CHORD 20 PSF
LIVE BOTTOM CHORD 10 PSF (NON-CONCURRENT w/L TLL)
CEMENT ROOF TILE DEAD LOAD 15 PSF TOTAL
SHINGLE/METAL ROOFING DEAD LOAD 15 PSF TOTAL
MINIMUM DEAD LOAD FOR WIND: 2 C PSF, 6 B 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 3"
BASIC WIND SPEED (ASCE7-10) 170 MPH
NOMINAL WIND SPEED (Vasd TABLE R301.2.1.3) 132 MPH
BUILDING CATEGORY I
IMPORTANCE FACTOR 1.00
EXPOSURE B
MEAN ROOF HEIGHT < 30 FT
ROOF PITCH $s/12$
ENCLOSURE CLASS. ENCLOSED
INTERNAL PRES. COEFF. $+/- 0.18$
WINDOW/DOOR DESIGN WIND PRESSURE, SEE TABLE IN DETAIL 3.
SOFFITS $\sim$ PER R703.3.2.1, ALL EXTERIOR WALLS SHALL BE CAPABLE OF
RESISTING THE DESIGN PRESSURES SPECIFIED IN TABLE R301.2(2)
FOR WALLS.
3. REINFORCED CONCRETE:
DESIGN AS PER ACI 318-14
REQUIRED COMPRESSION STRENGTH AT 28 DAYS: $f'_c = 2500$ PSI
SLAB ON GRADE
3 1/2" MINIMUM THICKNESS REINFORCED WITH 6x6 w1.4xw1.4 WWF OR
FIBERESH.
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 CENTERED
BEAMS 1 1/2"
COLUMNS 1 1/2"
ALL REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH THE
TYPICAL BENDING DIAGRAMS AND FILING DETAILS OF ACI STANDARDS
AND SPECIFICATIONS. ALL REINFORCING STEEL SHALL BE HELD
SECURELY IN POSITION WITH STANDARD ACCESSORIES DURING PLACING OF
CONCRETE.
REINFORCING STEEL $\sim$ ASTM A615 GRADE 60 FOR #3
STEEL WIRE FABRIC $\sim$ 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: $f_m = 1500$ PSI
MASONRY WALLS
REINFORCING STEEL $\sim$ 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
UNTIL 100 PSI PEAK ROCK CONTACT GROUT. ALL CELLS BELOW
FINISHED GRADE SHALL BE GROUTED SOLID. ALL EXTERIOR WALLS
SHALL BE REINFORCED FULL HEIGHT AT DOT LOCATIONS ON PLAN.
PROVIDE HORIZONTAL JOINT REINFORCEMENT IN WALLS AT 16" OC
VERTICALLY, UNLESS NOTED OTHERWISE. IN ADDITION, INSTALL
JOINT REINFORCING IN THE FIRST TWO MORTAR JOINTS ABOVE AND
BELOW OPENINGS, EXTENDING AT LEAST 24" BEYOND THE OPENING.
LAP JOINT REINFORCING 6" MINIMUM.
5. DELEGATED-ENGINEERED WOOD ROOF & FLOOR TRUSSES:
ALL WOOD ROOF AND FLOOR TRUSSES SHALL BE DESIGNED BY
A DELEGATED TRUSS ENGINEER PER RULE 61015-31.003 OF
THE FLORIDA ADMINISTRATIVE CODE. ALL TRUSSES SHALL HAVE
TEMPORARY BRACING PER "COMMENTARY AND RECOMMENDATIONS FOR
BRACING, INSTALLING AND BRACING METAL PLATE CONNECTED
WOOD TRUSSES, HB-100" 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 ADEQUATE 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 EMBEDDED DIMENSIONS, 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 EMBEDDED MEANS TO SUPPORT STRUCTURE
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 AND APPROVAL.
ALL STRUCTURAL ELEMENTS UTILIZING PREFABRICATED COMPONENTS,
ONE SET OF SIGNED & SEALED TRUSS ENGINEERING SHALL BE
FORWARDED TO THE ENGINEER FOR RECORD FOR THE STRUCTURE
PER FLORIDA ADMINISTRATIVE CODE 61015-30.005 AND 61015-31.003.

[illegible]

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

STRUCTURAL DETAILS
MODEL 2540 E
EXT LANAI
14688 KELSON CIRCLE
NAPLES, FLORIDA
LOT: 20 SUBDIVISION: NAPLES RESERVE

DESIGN/DRAWN DWB/GH
CHECKED DWB
DATE 06/12/19
SCALE VARIES
JOB NO. DR10985
SHEET

S-3

SHEET 3 OF 4

REVISIONS	BY

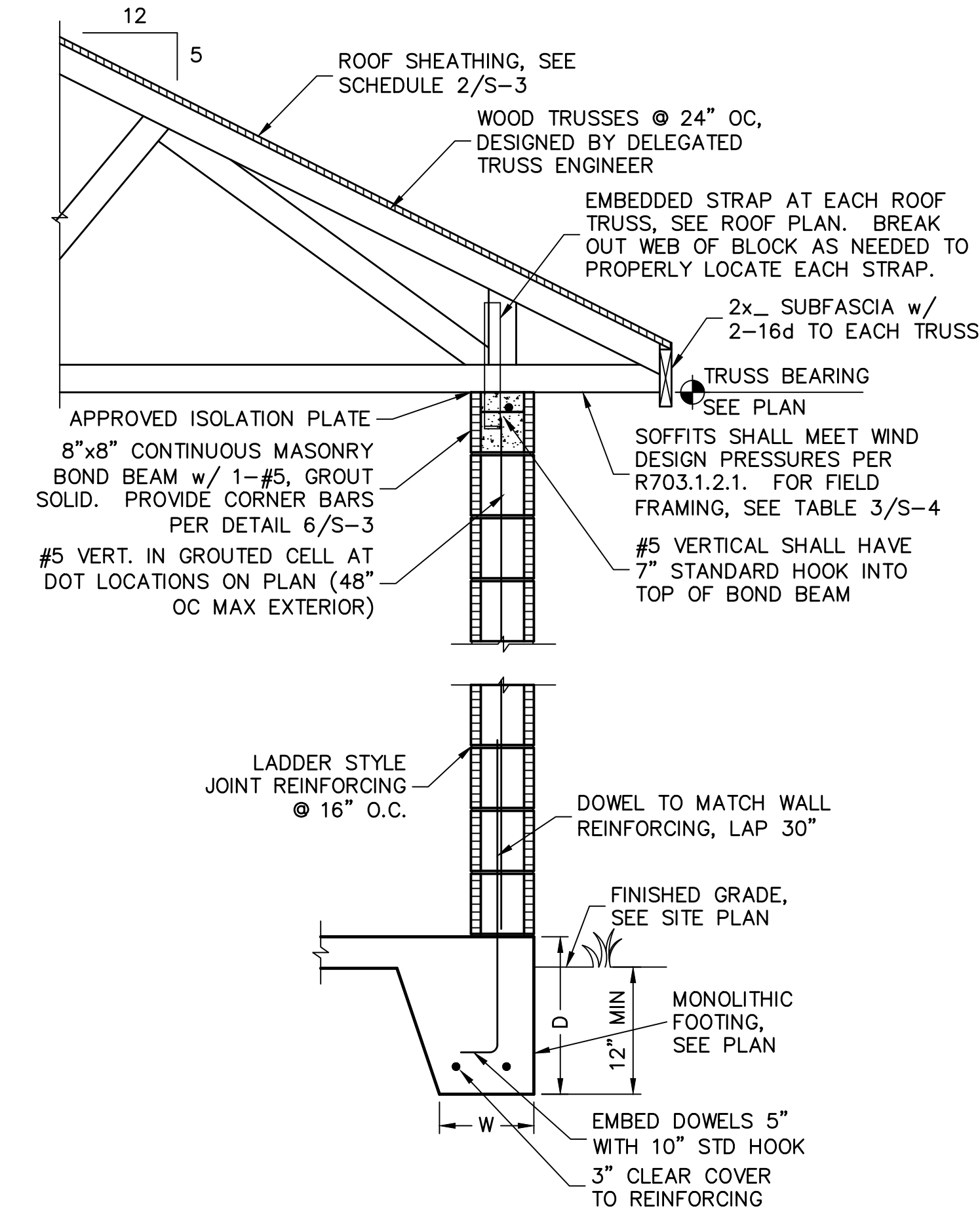
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1634 S.E. 47th STREET, SUITE #3
CAPE CORAL, FL 33904
(239) 549-4554
CA # 8829

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

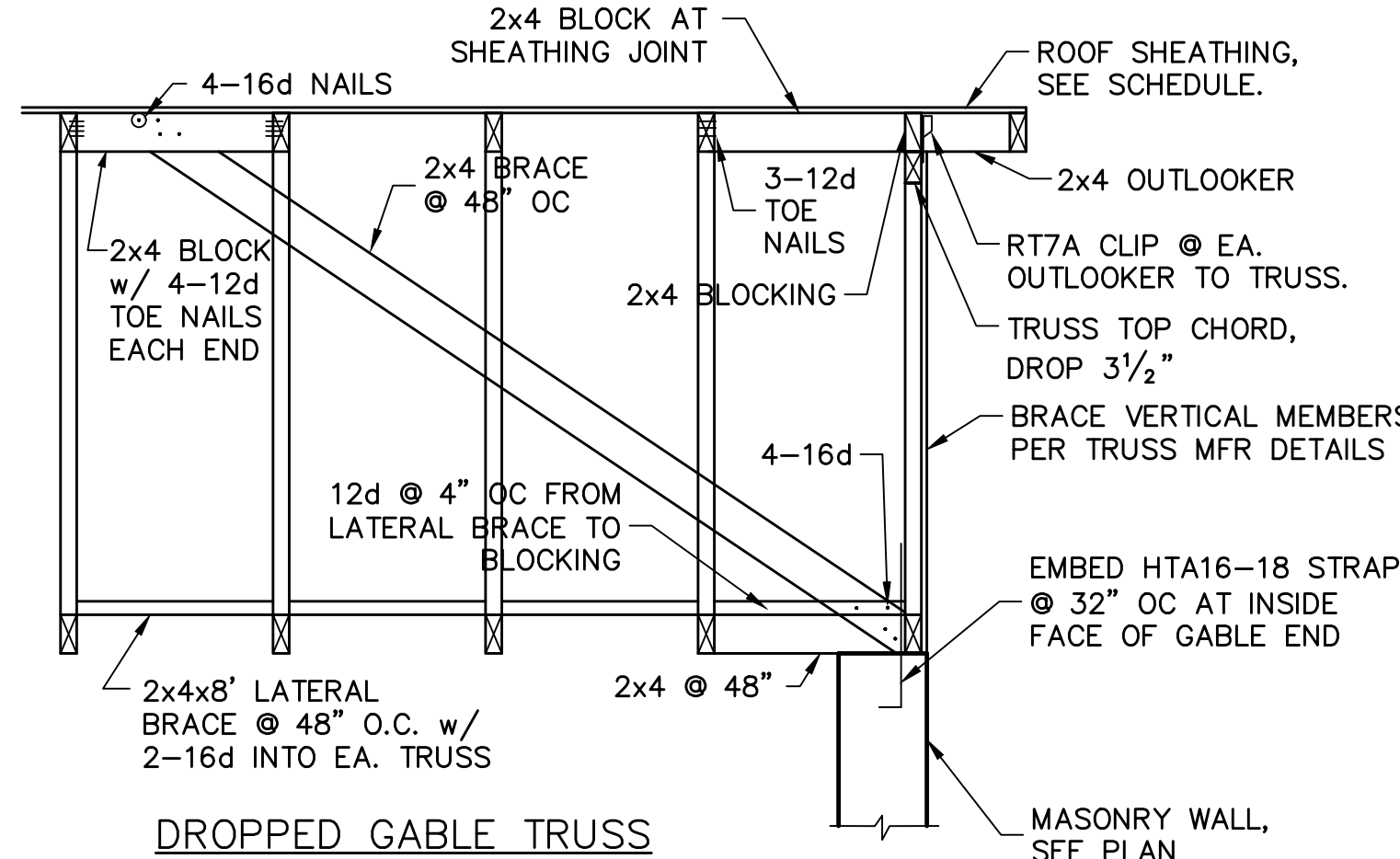
BUILDER:
D. RHORTON
America's Builder

STRUCTURAL DETAILS
MODEL 2540 E
EXT LANAI
14668 KELSON CIRCLE
NAPLES, FLORIDA
LOT: 20 SUBDIVISION: NAPLES RESERVE

DESIGN/DRAWN DWB/GH
CHECKED DWB
DATE 06/12/19
SCALE VARIES
JOB NO. DR10985
SHEET
S-4
SHEET 4 OF 4



1 FULL HEIGHT WALL SECTION
SCALE: 3/4" = 1'-0"



2 GABLE END BRACING
SCALE: N.T.S.

DROPPED GABLE TRUSS

USED ONLY ON ELEVATION F

FOR BUILDERS: FIRST SOURCE TRUSSES, 170 MPH EXPOSURE B, ELEVATION E, w/ EXT LANAI JOB # MASTER, DATED: 01/29/18, REVISED: NONE