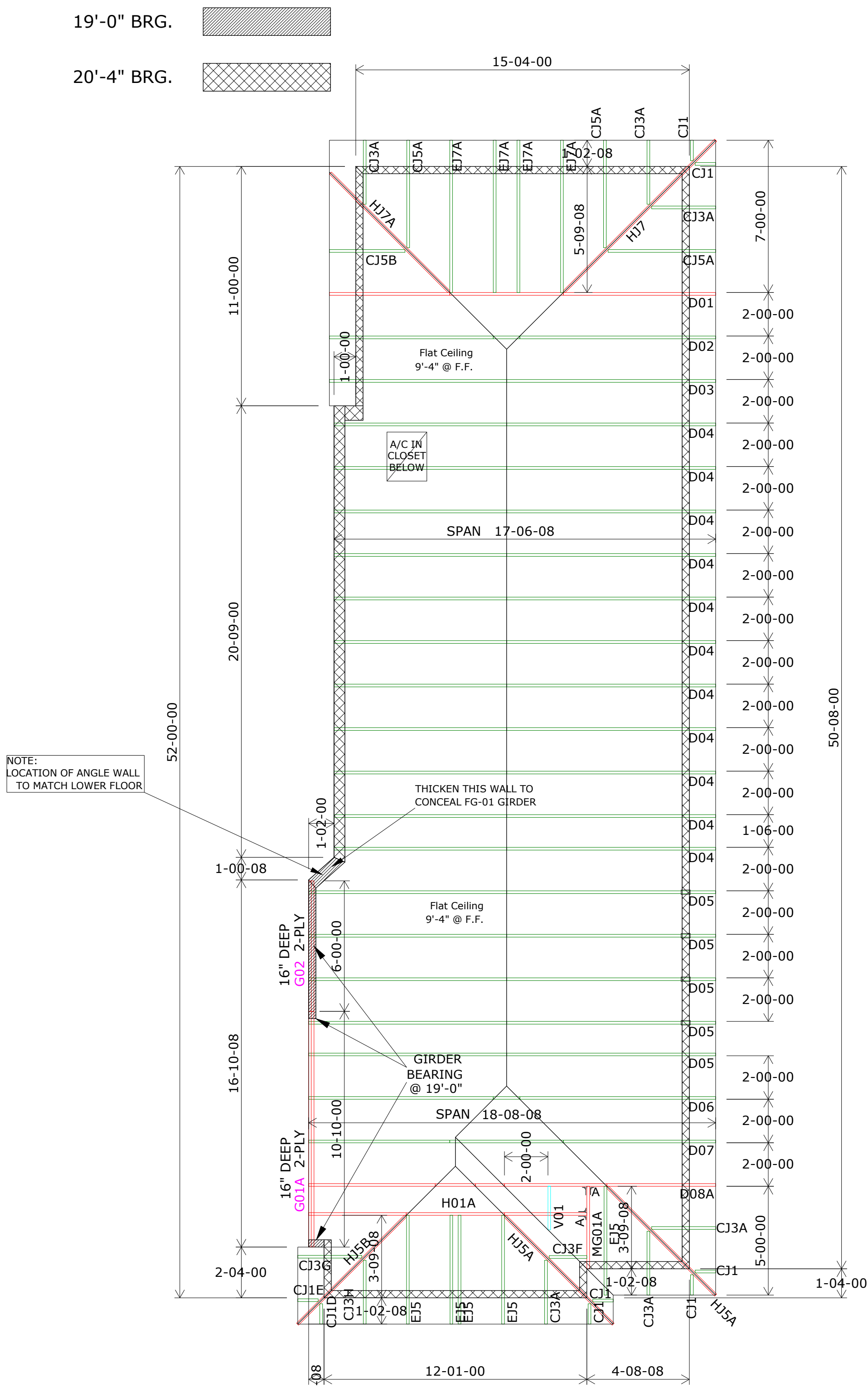
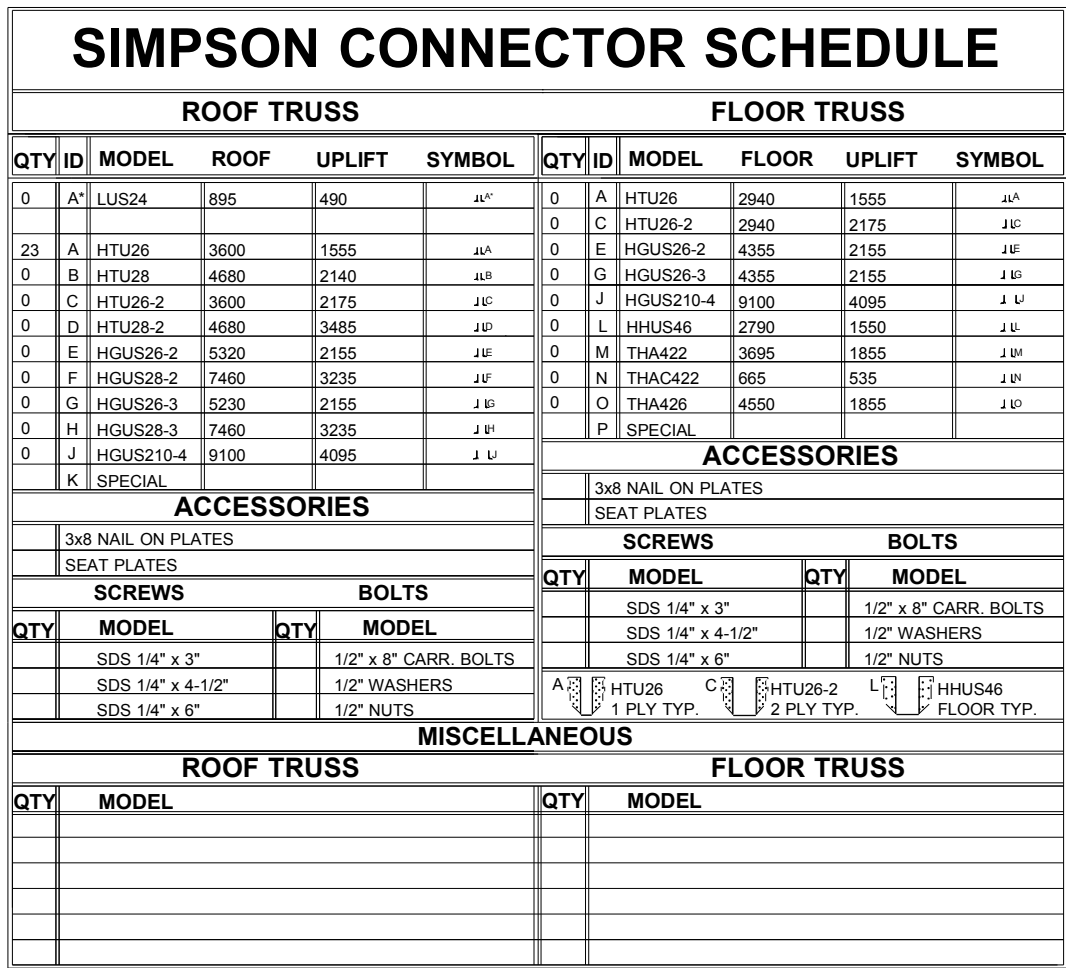


[illegible]

VERIFY ALL DIMENSIONS AND CEILING CONDITIONS PRIOR TO APPROVAL
SOME CEILING FRAMING REQUIRED IN FIELD BY BUILDER

MAIN WIND FORCE RESISTING SYSTEM/C-C HYBRID WIND ASCE7-10
ENCLOSED
EXPOSURE CATEGORY C
OCCUPANCY CATEGORY II
WIND LOAD 160 MPH
WIND IMPORTANCE FACTOR 1.00
TRUSSES HAVE BEEN DESIGNED FOR A 10.0 PSF BOTTOM CHORD LIVE LOAD
NONCONCURRENT WITH ANY OTHER LIVE LOADS

ROOF LOADING		
TCLL:	20	PSF
TCDL:	20	PSF
BCDL:	10	PSF
TOTAL:	50	PSF
DURATION:	1.25	

FLOOR LOADING		
DL:	40	PSF
LL:	10	PSF
TL:	5	PSF
TOTAL:	55	PSF
REDUCTION:	1.00	

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 _____

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
Backcharges Will Not Be Accepted
Regardless of Fault Without Prior
Notification By Customer Within 48
Hours And Investigation By
ProBuild.
NO EXECPTIONS.

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 Diaphragm Connections.

ROOF PITCH: 5/12
CEILING PITCH: 0/12
TOP CHORD SIZE: 2 X 4
BOTTOM CHORD SIZE: 2 X 4
OVERHANG LENGTH: ---
END CUT: Plumb
CANTILEVER: 14 1/2"
TRUSS SPACING: 24"
BUILDING CODE: FRC2014

BEARING HEIGHT SCHEDULE

BUILDER:

DR. Horton

PROJECT: ---

MODEL: 2587 L

ADDRESS: ---

LOT / BLOCK: --

SUBDIVISION: _____

CH1.	...
...	...

IOP # :	Master
---------	--------

DATE:	06/30/15	SCALE:	1/4"=1'-0" Arch D
-------	----------	--------	----------------------

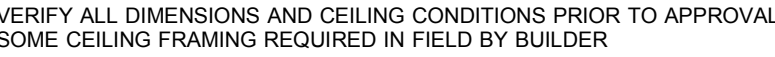
PLAN DATE:	01/09/14
------------	----------

REVISIONS:

- 1.
- 2.
- 3.
- 4.



**4408 Airport Road
Plant City, FL 33563
Ph. (813) 305-1300
Fax (813) 305-1301**



**4408 Airport Road
Plant City, FL 33563
Ph. (813) 305-1300
Fax (813) 305-1301**

REVISIONS:

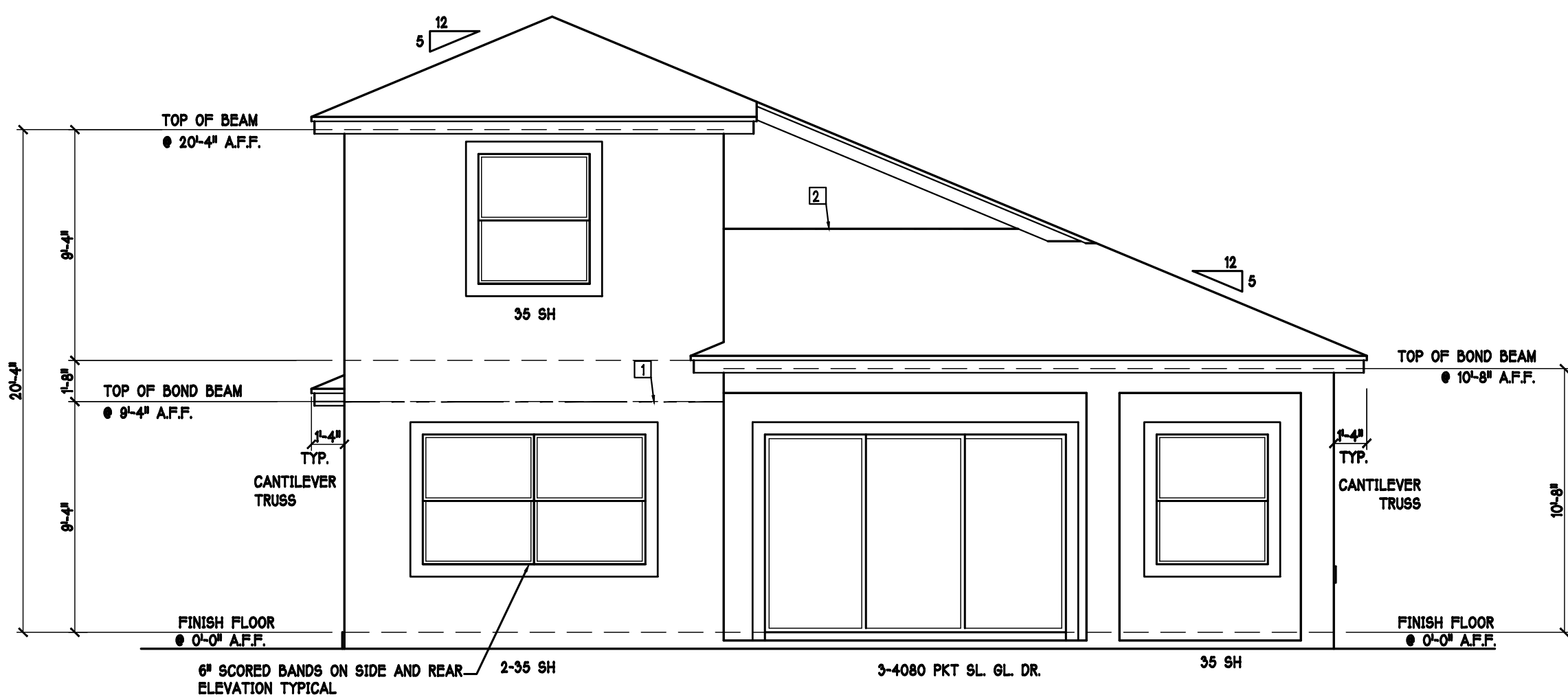
1.
2.
3.
4.

IMPORTANT

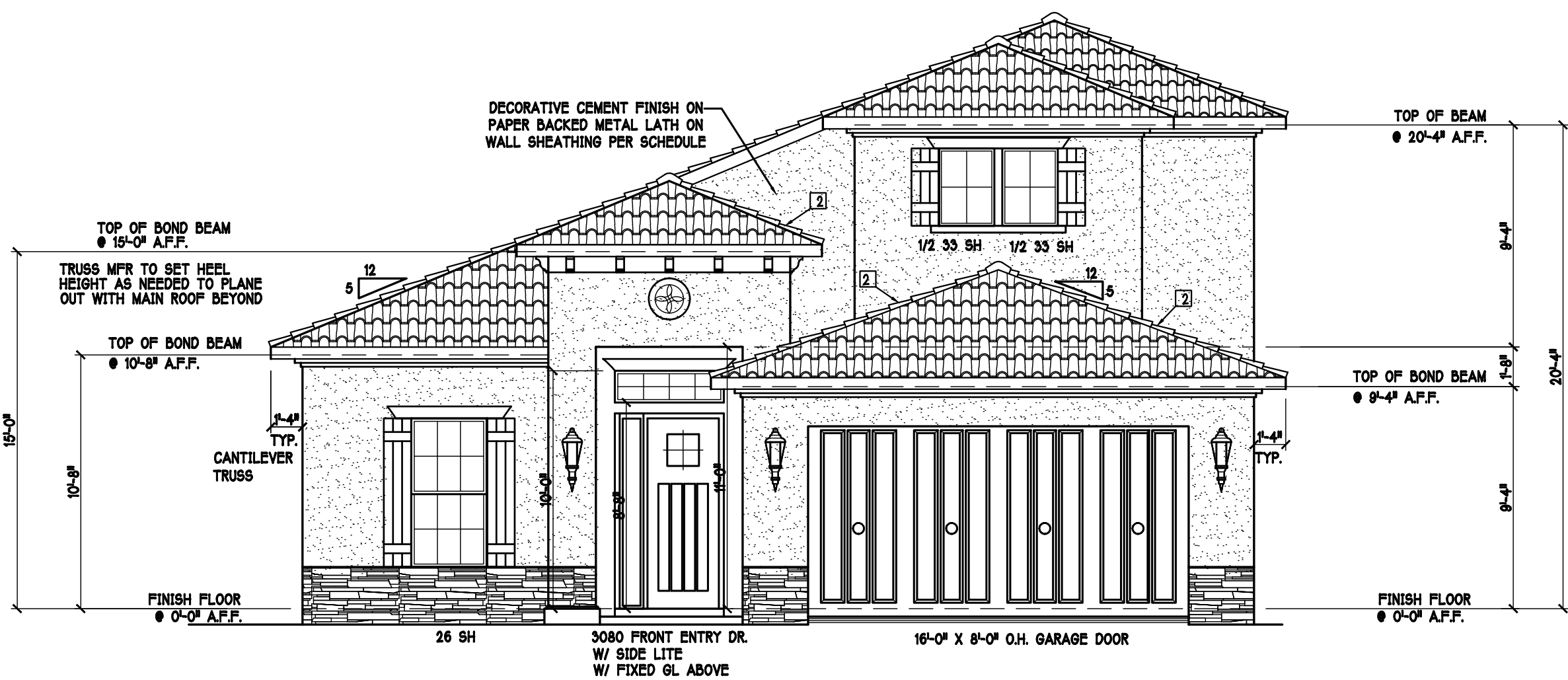
**This Drawing Must Be Approved And
Returned Before Fabrication Will
Begin. For Your Protection Check All
Dimensions And Conditions Prior To**

**Approval Of Plan.
SIGNATURE BELOW INDICATES ALL
NOTES AND DIMENSIONS HAVE
BEEN ACCEPTED.**

By _____ Date _____

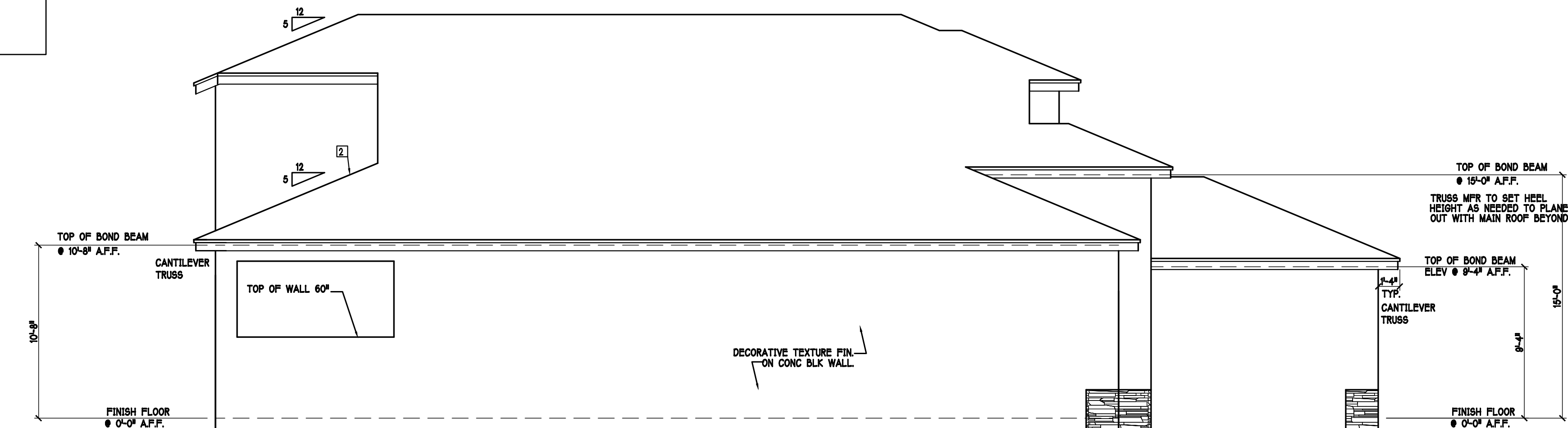


REAR ELEVATION: "L" SCALE: 3/16" = 1'-0"

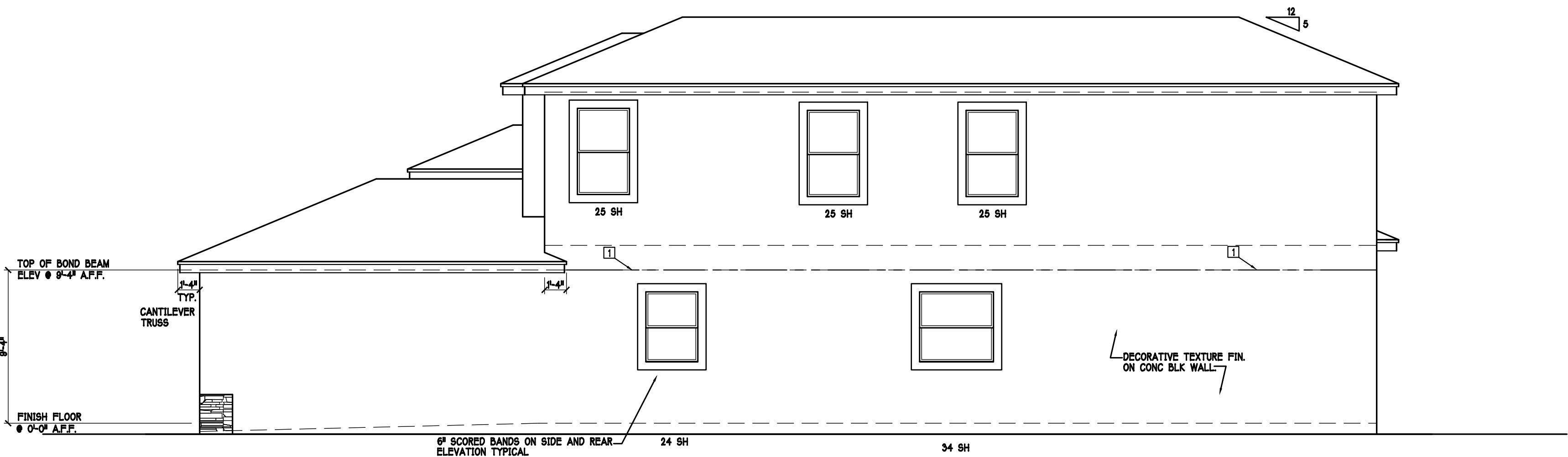
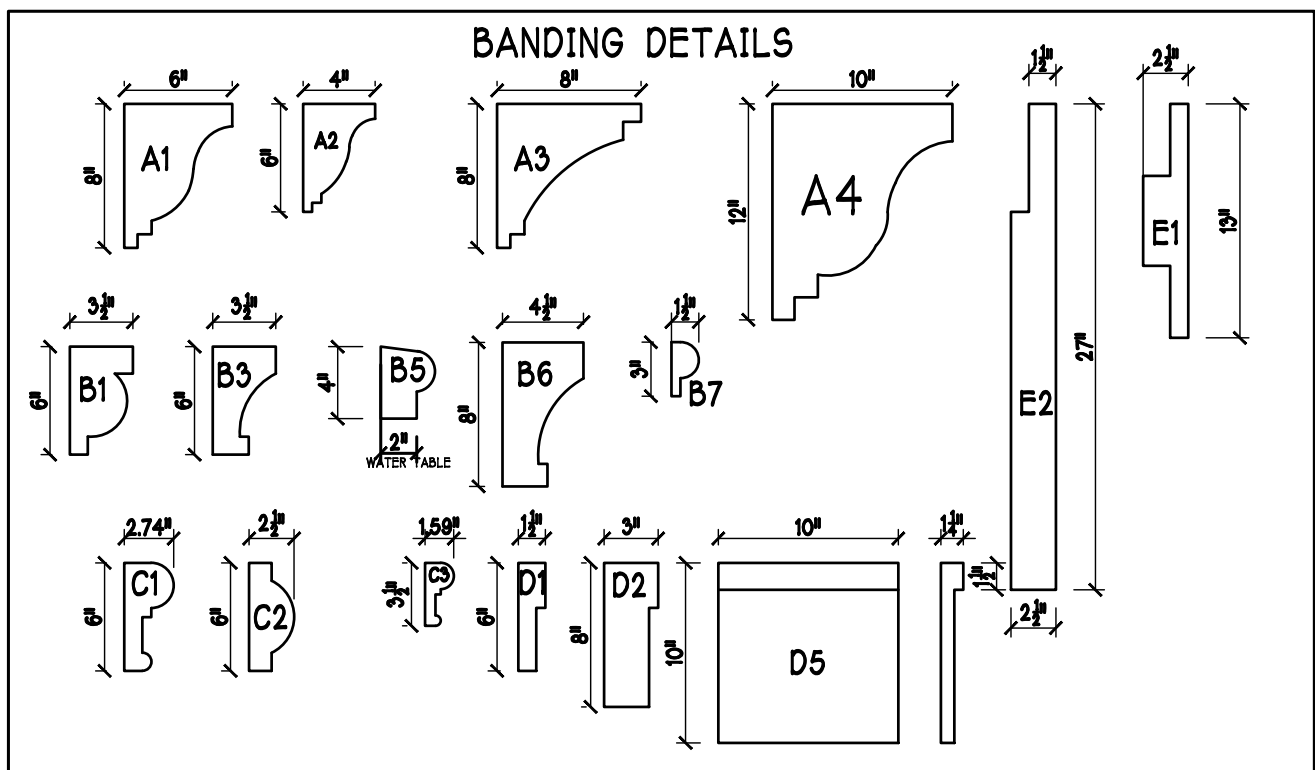


FRONT ELEVATION: "L" SCALE: 3/16" = 1'-0"

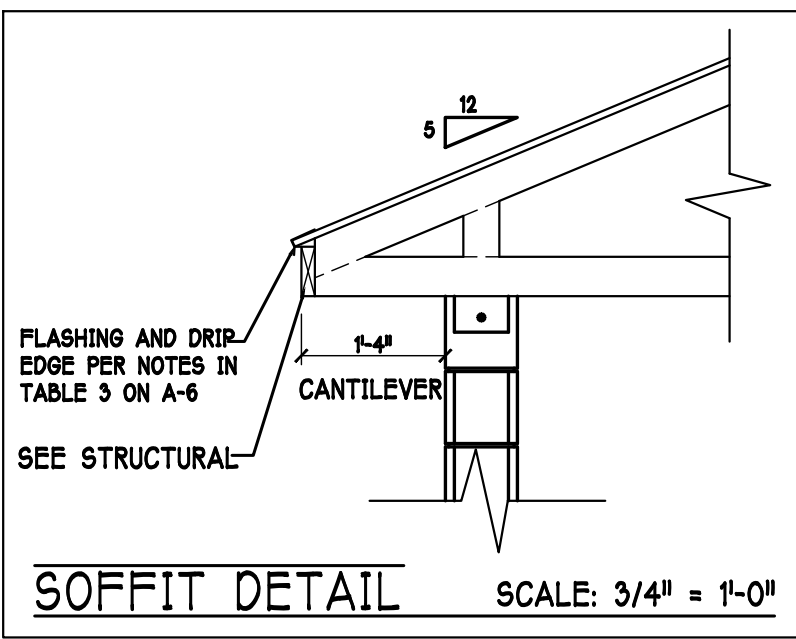
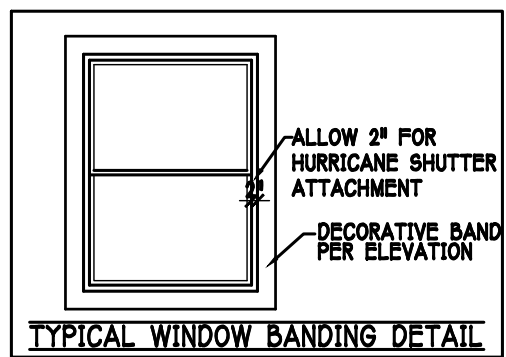
- 1 MID-WALL WEEP SCREED AT WOOD-MASONRY INTERFACE. INSTALL STRICTLY PER MFG. INSTRUCTIONS
- 2 ROOF / WALL SCREED INSTALL STRICTLY PER MFG. INSTRUCTIONS



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



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



DESIGN IN ACCORDANCE W/ THE 2014 RESIDENTIAL FLORIDA BUILDING CODE- 5TH EDITION

D.R. HORTON America's Builder

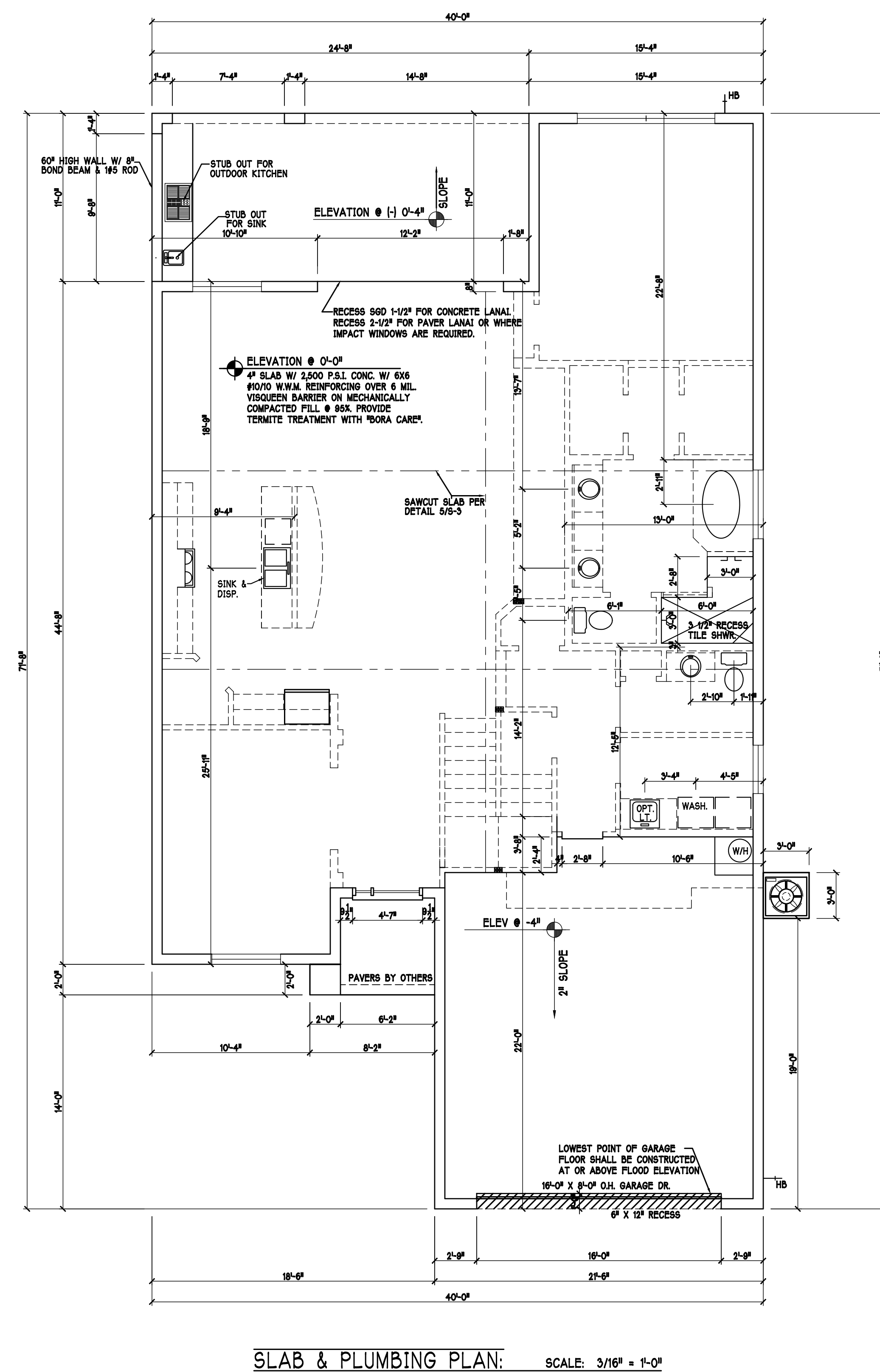
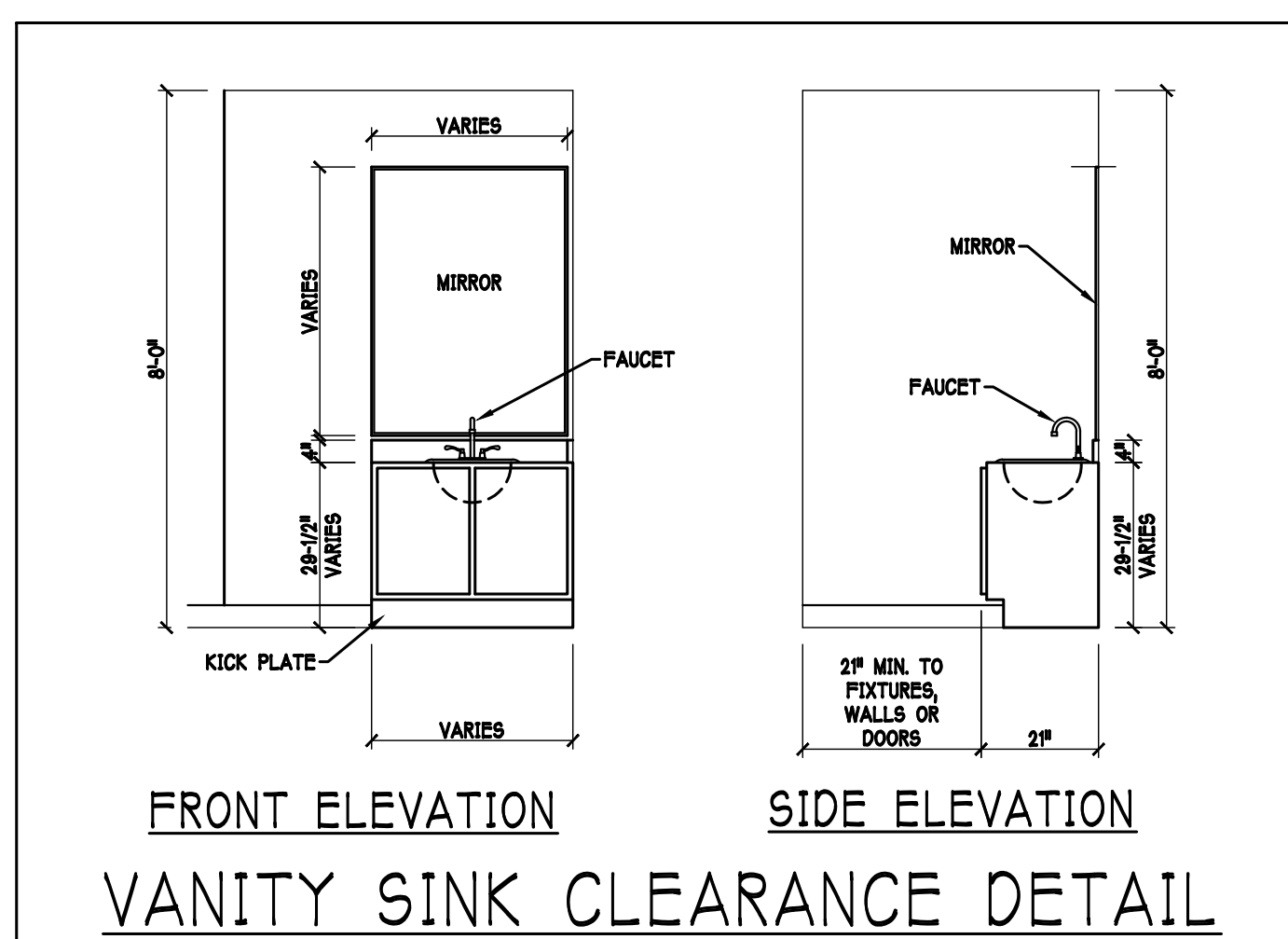
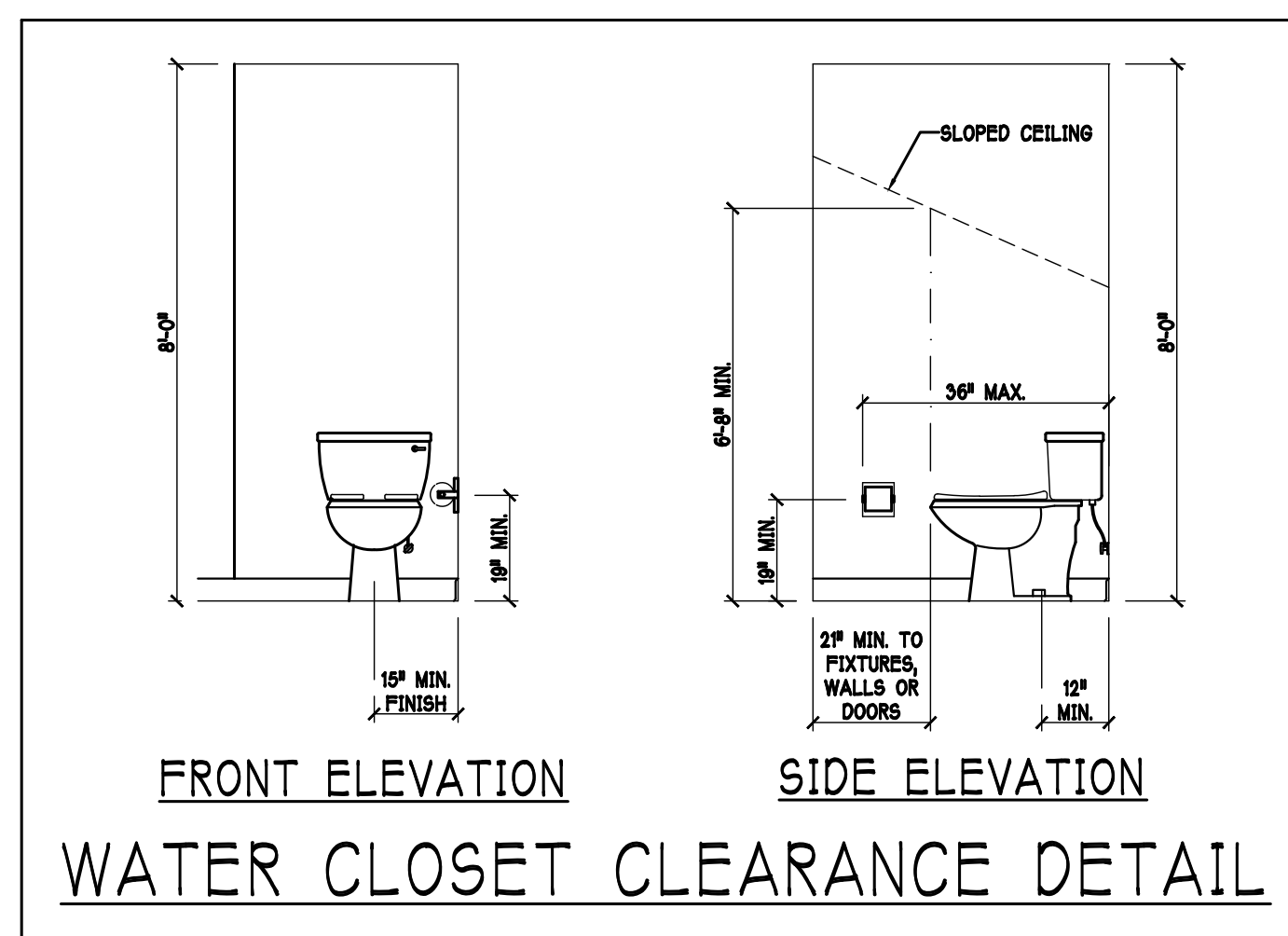
Gulf Coast Drafting & Design
Phone (239) 540-1822
Fax (239) 540-7759

MODEL: UNIT 2587 - BEDFORD
RESIDENCE FOR: SPEC

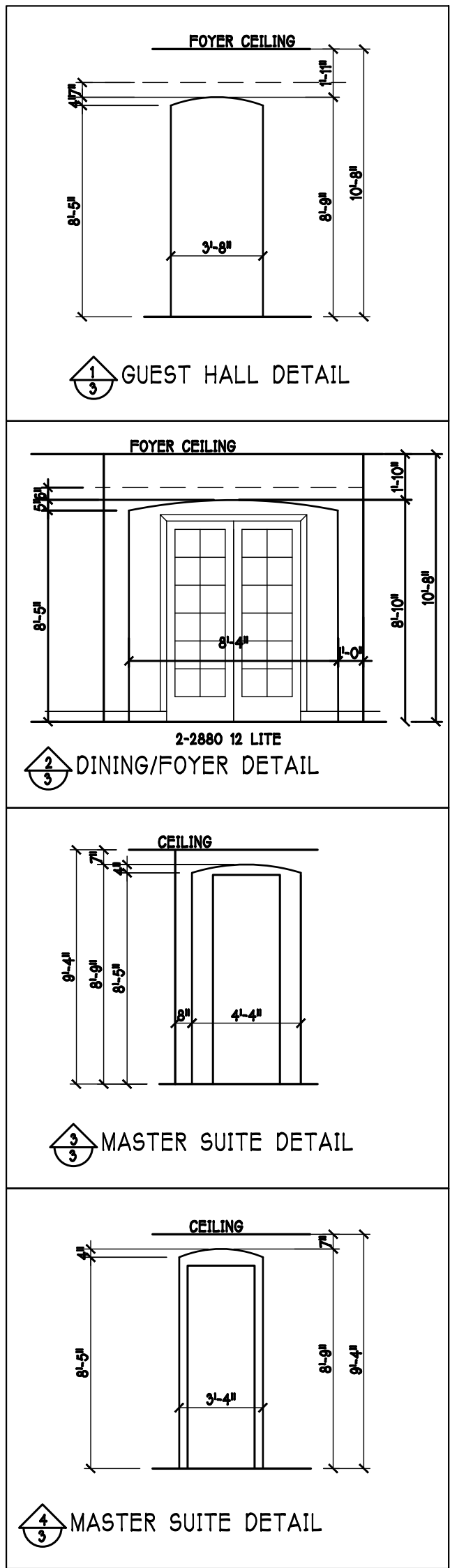
LOT: 32 BLOCK: SUBDIV: BARRINGTON COVE
ADDRESS: 16395 BARCLAY COURT
G.C.D.#: 10033 D.R.H.#: 578140032

DATE: 11-22-17
DRAWN BY: JSL
CHECKED BY: JWC
REVISIONS:
PLAN: ELEVATION
SCALE: 3/16" = 1'-0"
SHEET#

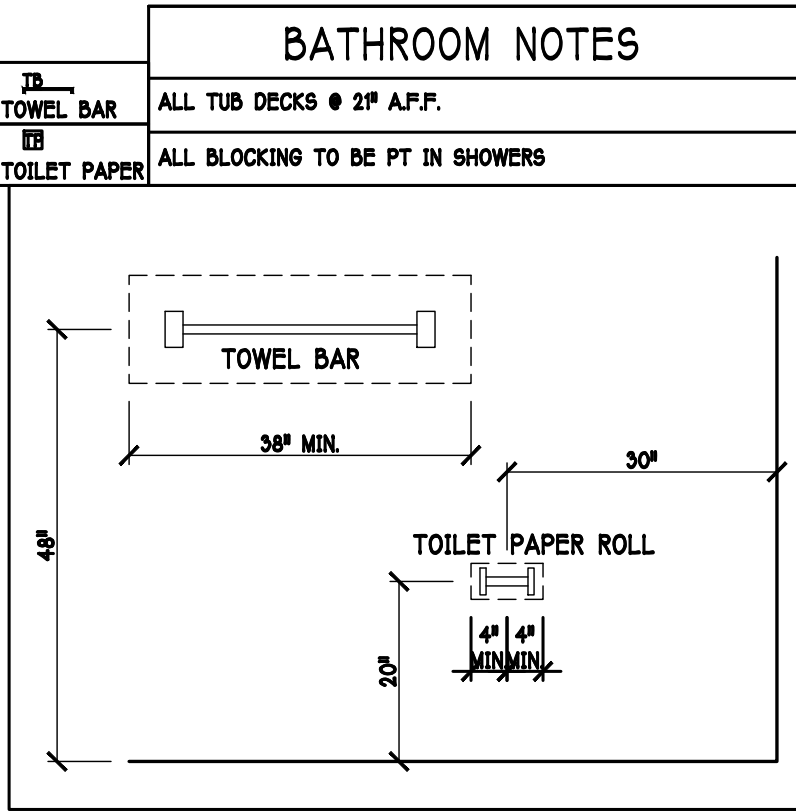
A1-L



DESIGN IN ACCORDANCE W/ THE 2014 RESIDENTIAL
FLORIDA BUILDING CODE- 5TH EDITION



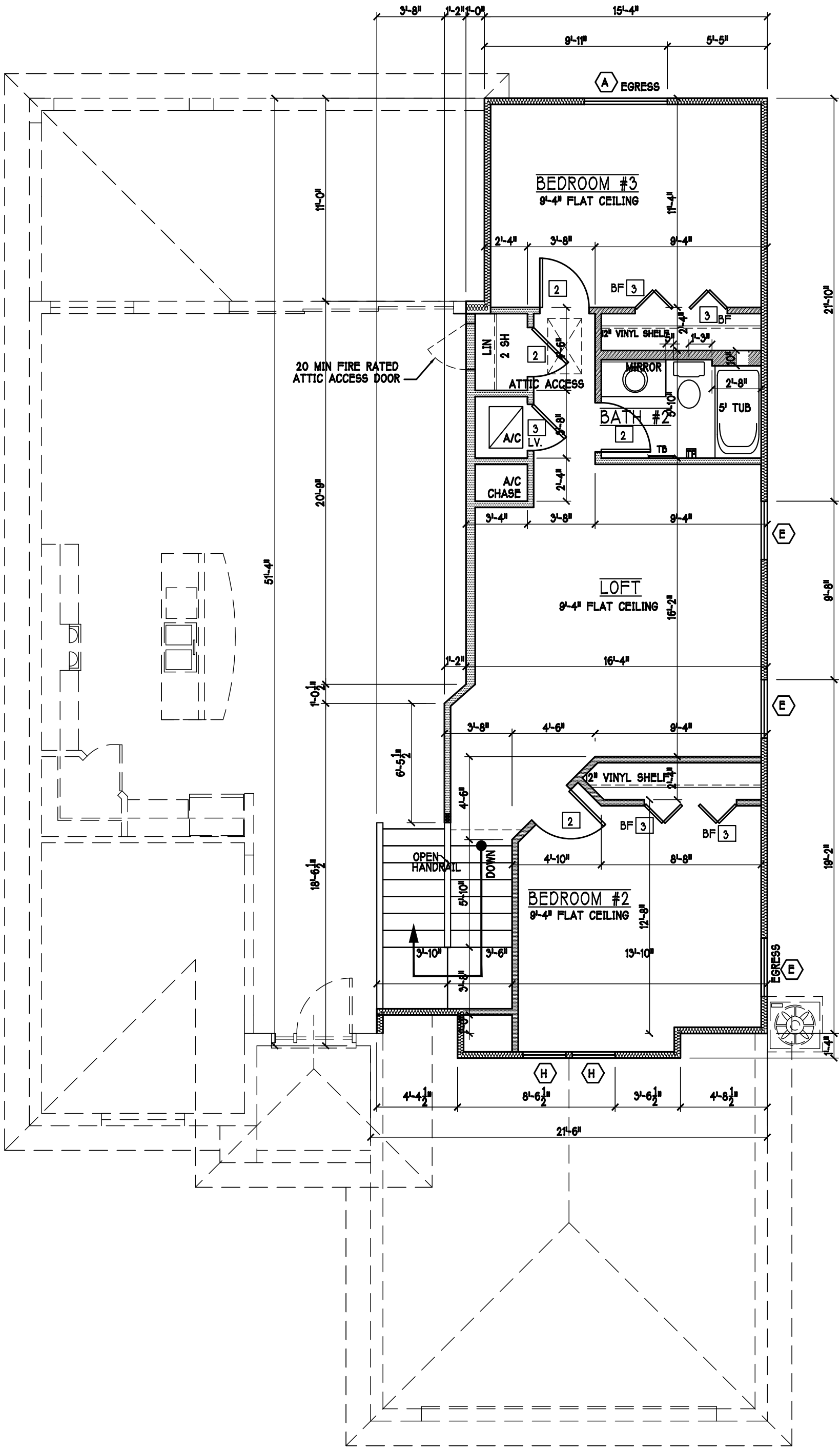
DOOR HEADERS		
6'-0" BIFOLD	HEADER HEIGHT	82" A.F.F.
6'-0" SWING	HEADER HEIGHT	82 1/2" A.F.F.
8'-0" SWING	HEADER HEIGHT	98 1/2" A.F.F.
PLAN NOTES		
1) VERIFY ALL ROUGH OPENING DIMENSIONS FOR ALL WINDOWS AND DOORS.		
2) PROVIDE SAFETY GLAZING WITHIN 24" FROM EXIT PER FLORIDA BUILDING CODE R 308.3.1.		
3) PROVIDE SAFETY GLAZING AT BATH / SHOWER . PER FLORIDA BUILDING CODE R 308.3.1.		
4) NON BEARING INTERIOR FRAME WALLS SHALL BE FRAMED W/ WOOD OR METAL STUDS. SPACING SHALL NOT EXCEED 24" O.C. (NON BEARING WALLS ONLY).		
5) PROVIDE DEAD WOOD IN ATTIC FOR OVERHEAD GARAGE DOOR HARDWARE.		
6) KITCHEN KNEE WALL TO BE FRAMED W/ TOP @ 41 1/2" A.F.F. W/ RAISED BAR TOP.		
7) INSTALL SMOOTH WALLS IN KITCHEN AND ALL BATHROOM AREAS.		
8) WHERE DRYWALL CEILING IS APPLIED TO TRUSSES AT 24" O.C. USE 5/8" DRYWALL OR 1/2" 540 RESISTANT PER SEC. 702.3.5.		
9) 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" GYPSUM BOARD OR EQUIVALENT.		
10) INSTALL 1 3/8" THICK SOLID WOOD DOOR BETWEEN LIVING AND GARAGE PER FLORIDA BUILDING CODE R302.5.1. DOOR WILL BE SELF CLOSING PER R302.5.1.		
11) ALL WINDOWS INSTALL 72" ABOVE GRADE MUST COMPLY WITH R 302.2.1 MIN 24" SILL HEIGHT OR PROVIDED WITH AN APPROVED WINDOW FALL PREVENTION DEVICE.		
12) STUB OUT FOR GAS @ OUTDOOR KITCHEN, RANGE, WATER HEATER, AND DRYER. VERIFY WITH CONTRACTOR AND SUBDY. SPECS. A SEPARATE PERMIT IS REQUIRED FOR GAS PIPING.		
13) ALL CLOSET SHELVES TO BE 12". ALL PANTRY & LINEN TO BE 14-16" SHELVES 18" O.F.F. WITH 15" INCREMENT.		
CABINET BACKING		
KITCHEN	UPPER TOP @ 84"	BASE TOP @ 35"
MASTER BATH	UPPER	BASE- TOP @ 35"
GUEST BATH	UPPER	BASE- TOP @ 35"
LAUNDRY RM.	UPPER TOP @ 84"	BASE



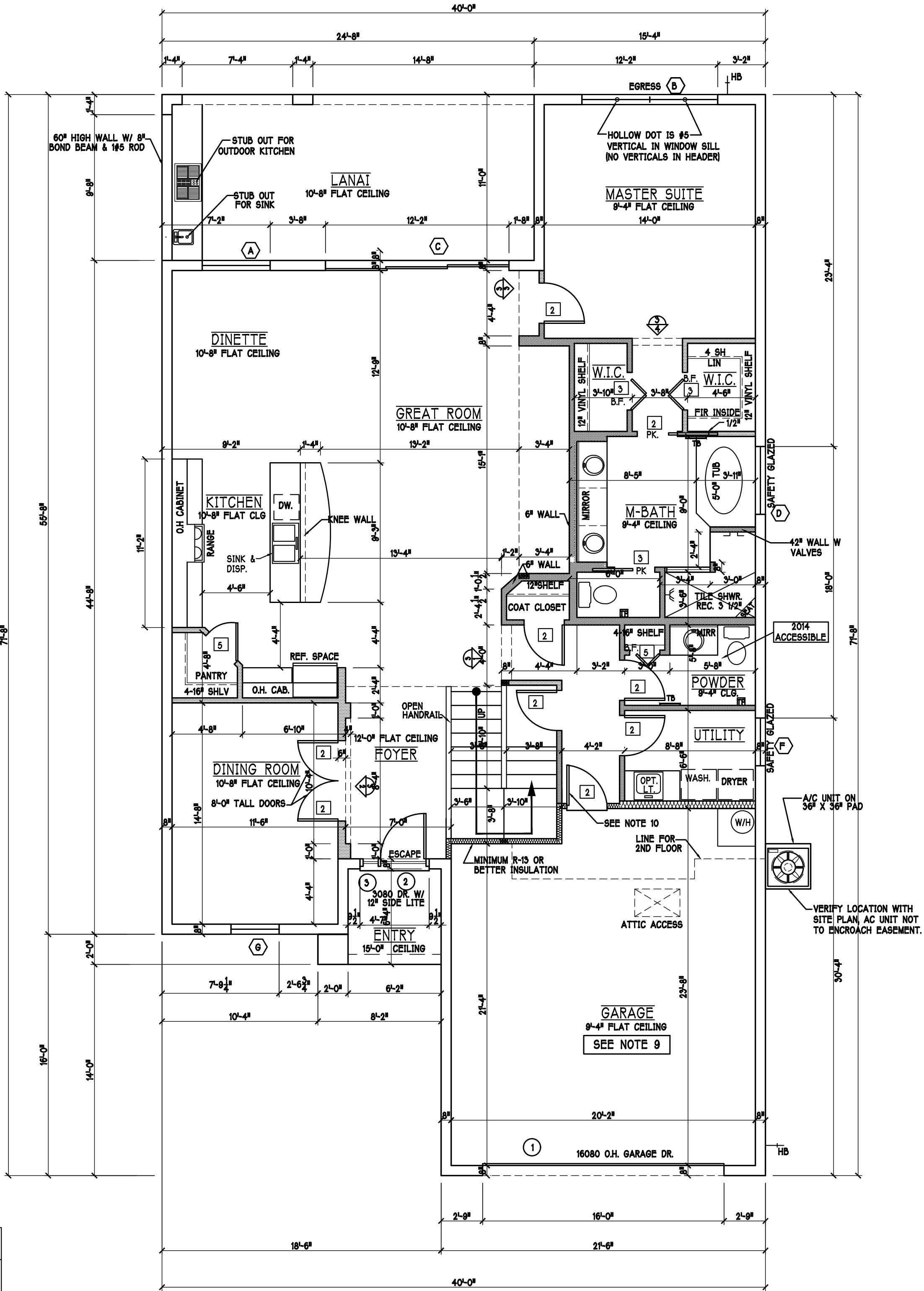
D R HORTON					
MARK	SIZE CODE	PRODUCT DESCRIPTION	WIDTH	HEIGHT	COMMENTS
(A)	35 SH		54	63	
(B)	2-35 SH		108	63	
(C)	3-4080 SL. GL. DR.	SL. GL. DOOR	108	96	
(D)	34 SH		54	51	TEMPERED
(E)	25 SH		36	63	
(F)	24 SH		36	51	
(G)	26 SH		28	75	
(H)	1/2 33 SH		28	39	ARCHED TOP
SEE NOTE 1					12
OPT IMPACT GLASS MAY BE INSTALLED IN LIEU OF SHUTTERS VERIFY W/ CONTRACT					

D R HORTON					
MARK	SIZE CODE	PRODUCT DESCRIPTION	WIDTH	HEIGHT	COMMENTS
(1)	OVERHEAD	GARAGE DOOR	182	86	
(2)	3080 ENTRY DR.	DISTINCTION	56	86	
(3)	SIDE LITE		12	86	
SEE NOTE 1					3

INTERIOR DOOR SCHEDULE	
MARK	DOOR WIDTH
(1)	3'-0"
(2)	2'-8"
(3)	2'-6"
(4)	2'-4"
(5)	2'-0"
(6)	1'-8"
(7)	1'-6"



SQUARE FOOTAGE	
1ST FL LIVING AREA	1779
2ND FL LIVING AREA	808
GARAGE AREA	505
LANAI AREA	271
ENTRY AREA	43
TOTAL AREA	3404



DESIGN IN ACCORDANCE W/ THE 2014 RESIDENTIAL FLORIDA BUILDING CODE- 5TH EDITION

Gulf Coast Drafting & Design

Phone (239) 540-1822

Fax (239) 540-7759

MODEL:

UNIT 2587 - BEDFORD

LOT: 32

BLOCK:

SUBDIV: BARRINGTON COVE

ADDRESS: 16395 BARCLAY COURT

G.C.D.# : 10033 D.R.H.# : 578140032

RESIDENCE FOR:

SPEC

DATE:

11-22-17

DRAWN BY:

JSL

CHECKED BY:

JWC

REVISED:

PLAN:

FLOOR PLAN

SCALE:

3/16" = 1'-0"

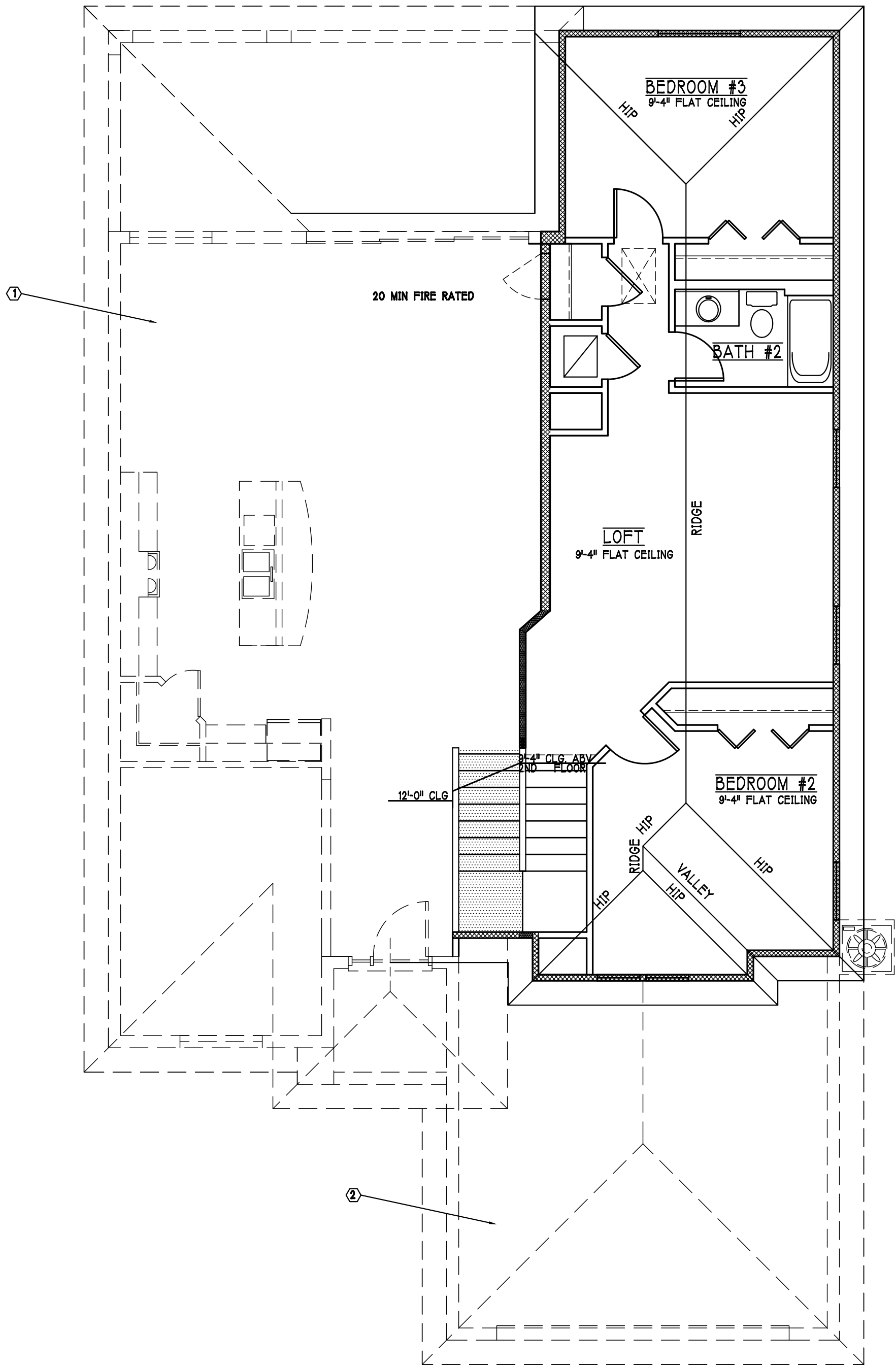
SHEET#

A3-L

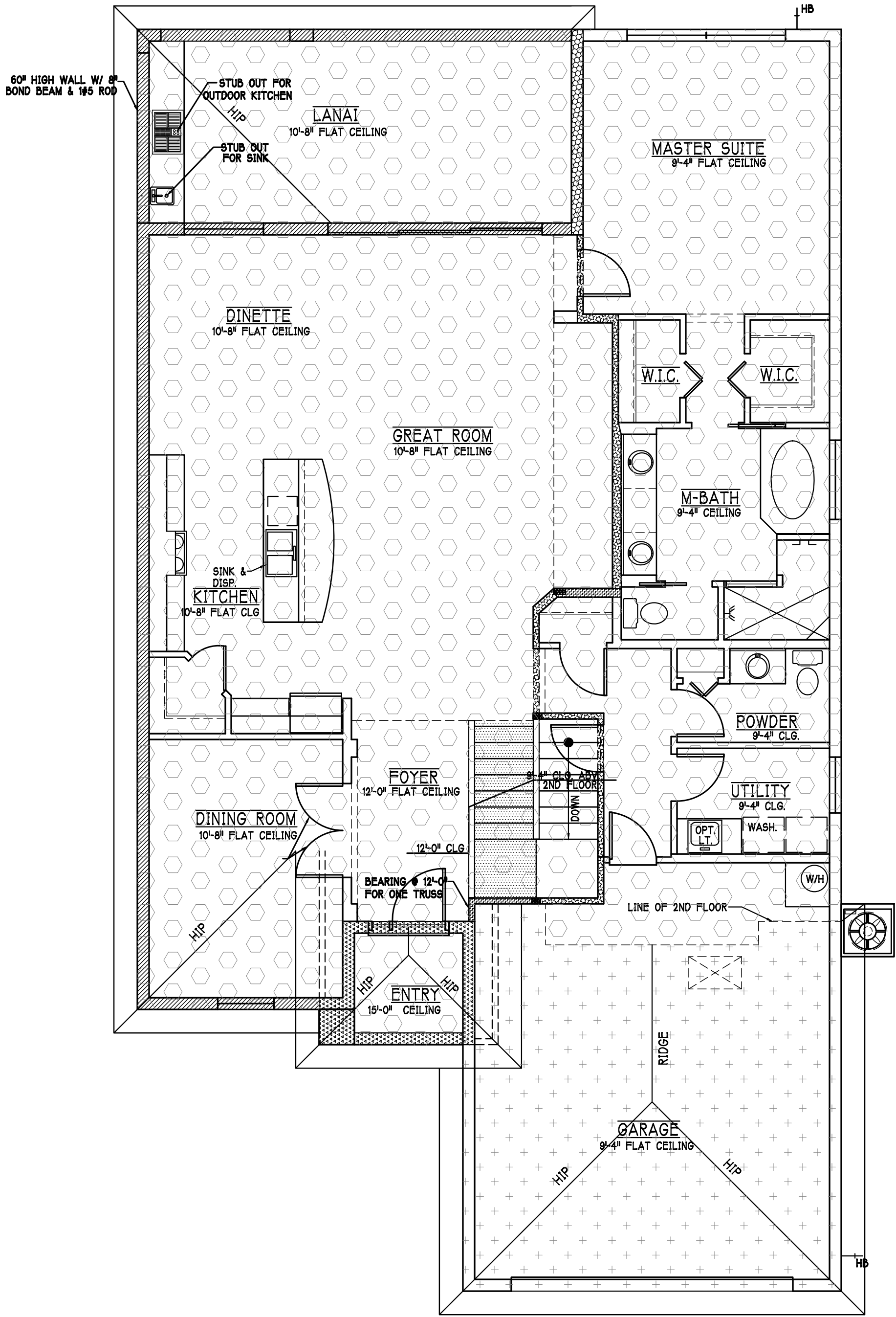
ATTIC VENTILATION					
verify venting requirements with energy calculations		WITHOUT OFF RIDGE VENTS		WITH OFF RIDGE VENTS (O.R.V.)	
ATTIC AREA (FBC R806)		VENTILATION REQUIRED (ATTIC AREA 1/150)		VENTILATION REQUIRED (ATTIC AREA 1/500 INSTALL PER FBC R806.2 MINIMUM AREA REQUIREMENTS)	
mark	square footage	soffit vents	MIN AIR FLOW OF SOFFIT	total ventilation	off ridge vents MIN AIR FLOW OF SOFFIT
①	2153 SQ. FT.	14.4 SQ. FT.	5.2%	7.18 SQ. FT.	3.58/145 = 2.47 13%
②	435 SQ. FT.	2.9 SQ. FT.	3.1%	1.45 SQ. FT.	0.73 SQ. FT. 0.8%
		ATTIC VENTILATION CALCULATION: attic sq. ft. / 150 = vented sq. ft.		ATTIC VENTILATION CALCULATION: attic sq. ft. / 500 = vented sq. ft.	
6'-0" BASE 145 SQ. FT. FREE AREA 2'-0" BASE 1 SQ. FT. FREE AREA 1'-0" BASE 38 SQ. FT. FREE AREA OFF RIDGE EXHAUST VENT SIZES (AREA NET FREE SQUARE FEET) SCALE: 1/4"=1'-0"					

BEARING HEIGHT	
	INTERIOR BEARING @ 9'-4" A.F.F.
	BEARING @ 9'-4" A.F.F.
	INTERIOR BEARING @ 10'-8" A.F.F.
	BEARING @ 10'-8" A.F.F.
	BEARING @ 11'-0" A.F.F.
	BEARING @ 12'-0" A.F.F.
	BEARING @ 13'-0" A.F.F.
	BEARING @ 20'-4" A.F.F.

CEILING HEIGHT	
	9'-4" FLAT CEILING
	5/12 PITCH VAULTED CLG



2ND FLOOR ROOF FRAMING PLAN: SCALE: 3/16" = 1'-0"



1st FLOOR & LOWER ROOF FRAMING PLAN: SCALE: 3/16" = 1'-0"

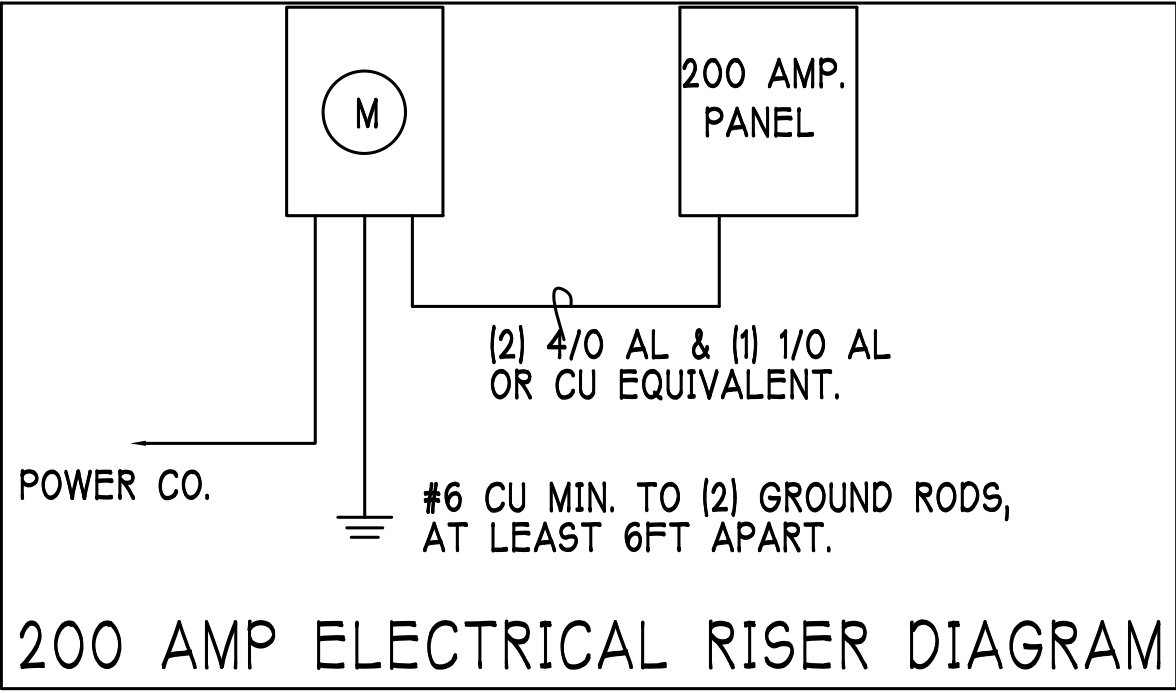
DESIGN IN ACCORDANCE W/ THE 2014 RESIDENTIAL
FLORIDA BUILDING CODE- 5TH EDITION

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

MODEL:		UNIT 2587 - BEDFORD	
LOT: 32	BLOCK :	SUBDIV: BARRINGTON COVE	RESIDENCE FOR:
ADDRESS: 16395 BARCLAY COURT		SPEC	
G.C.D.# : 10033		D.R.H.# : 578140032	

DATE:	11-22-17
DRAWN BY:	JSL
CHECKED BY:	JWC
REVISED:	
PLAN:	ROOF & CEILING
SCALE:	3/16" = 1'-0"
SHEET#	A4-L

200 Amp Service			
TAG	QUANTITY	PRODUCT	PRODUCT #
A	(39)	Recessed Cans	
B	(4)	Vapors	
C	(1)	Pendant/Nook	P4070-09
D	(X)	10" Mushrooms	P3410-30
E	(2)	24" Avalon 3 LT	P3268-09
F	(2)	36" Avalon 4 LT	P3269-09
G	(X)	NOT USED	NOT USED
H	(2)	Coach Lights	P5815-30
J	(X)	Coach Lights	P5683-30
K	(X)	J BOX	
L	(2)	4' Fluorescent	P7186-30
M	(4)	2' Fluorescent	P7183-30
N	(1)	5lt Chandelier	P4068-09
O	(1)	3 LT Avalon	P3773-09
P	(3)	Pendant Light	P-5068-09



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 @ ELEV. A.P.F.
	TIMER SWITCH
	GFI SWITCH
	DIMMER SWITCH
	3 WAY SWITCH
	SINGLE POLE SWITCH
	AC/DC SMOKE DETECTOR TO BE INTERCONNECTED ANY RESIDENT HAVING A POSSIBLE-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 PURPOSES. PER RULE 9B-5.04(2) SD (SMOKE) DETECTOR SCD (CARBON MONOXIDE) SMOKE DETECTOR
	TELEPHONE OUTLET
	TELEVISION RECEPTION OUTLET
	SURFACE MOUNTED CEILING LIGHT
	RECESSED LIGHT
	WALL MTD. BRACKET LIGHT
	DUPLEX FLOOD LIGHT
	EXHAUST FAN
	TRACK MTD. LIGHTS
	A/C DISCONNECT
	PUSH BUTTON
	DB= DOOR BELL
	KEYPAD
	4' FLUORESCENT LIGHT
	2' UNDER COUNTER LIGHT

Electrical Notes:

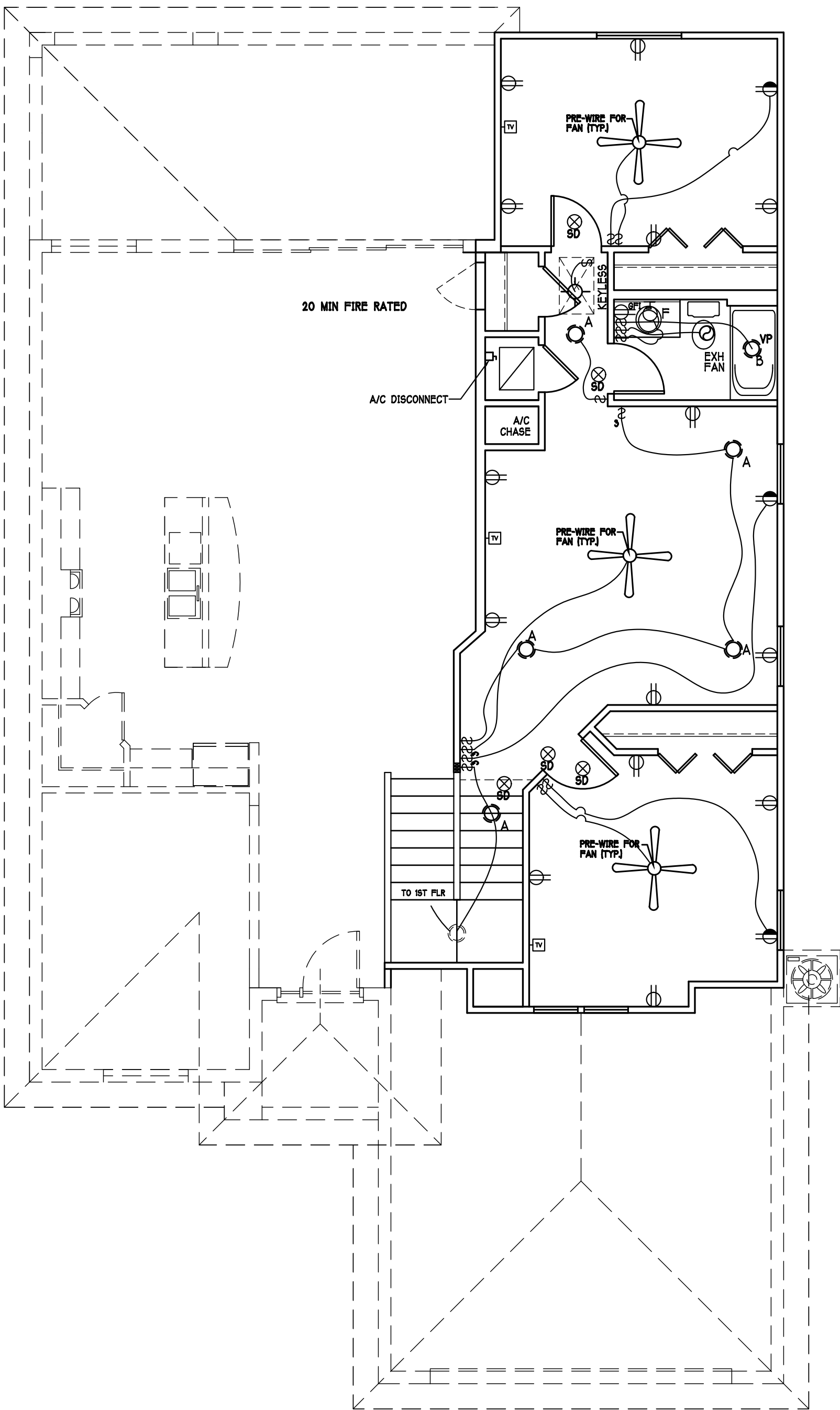
Install Arc-Fault circuit-Interruption & Tamper-Resistant Receptacles shall be installed in dwelling unit per NEC 210.12 & 406.11

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

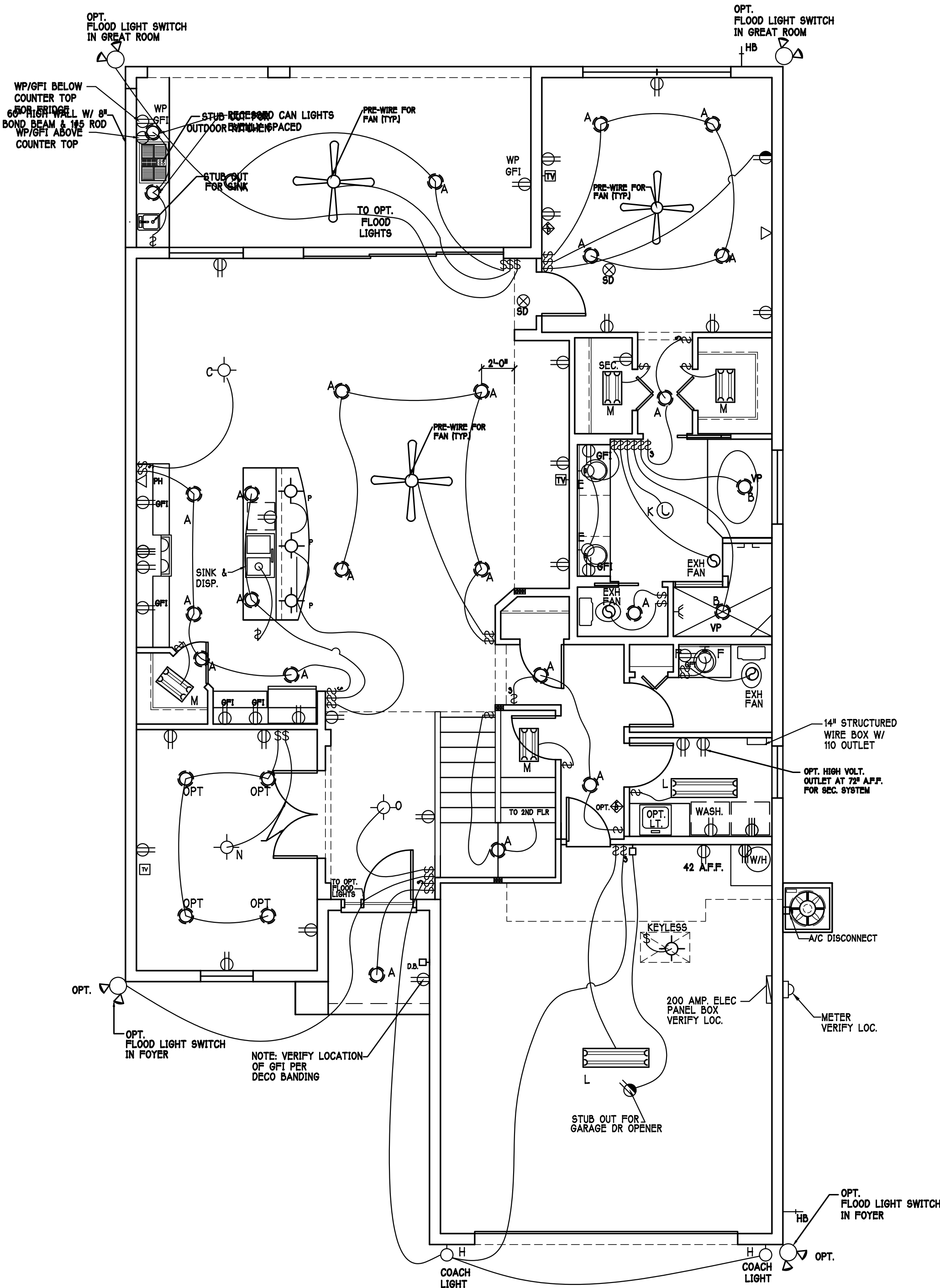
All outlets in wet areas and all exterior outlets to be GFI's

Install Phone & T.V per contract.

INSTALL ALL ELECTRICAL PER NEC 2011



2nd FLOOR ELECTRICAL PLAN: SCALE: 3/16" = 1'-0"



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

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

MODEL:	UNIT 2587 - BEDFORD
RESIDENCE FOR:	SPEC

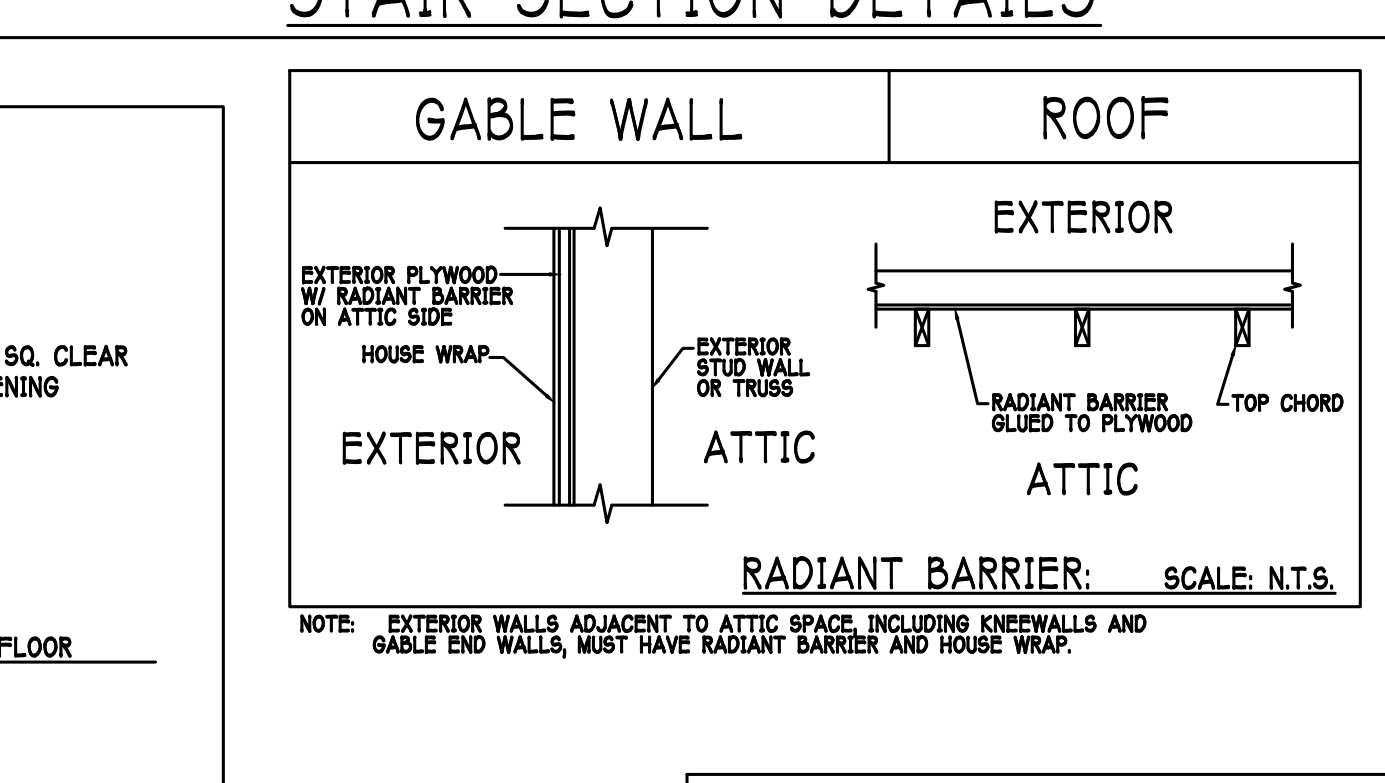
LOT: 32	BLOCK :
SUBDIV: BARRINGTON COVE	
ADDRESS: 16395 BARCLAY COURT	
G.C.D.# : 10033	D.R.H.# : 578140032

DATE:	11-22-17
DRAWN BY:	JSL
CHECKED BY:	JWC
REVISED:	
PLAN:	ELECTRICAL
SCALE:	3/16" = 1'-0"
SHEET#	A5-L

DESIGN IN ACCORDANCE W/ THE 2014 RESIDENTIAL FLORIDA BUILDING CODE- 5TH EDITION

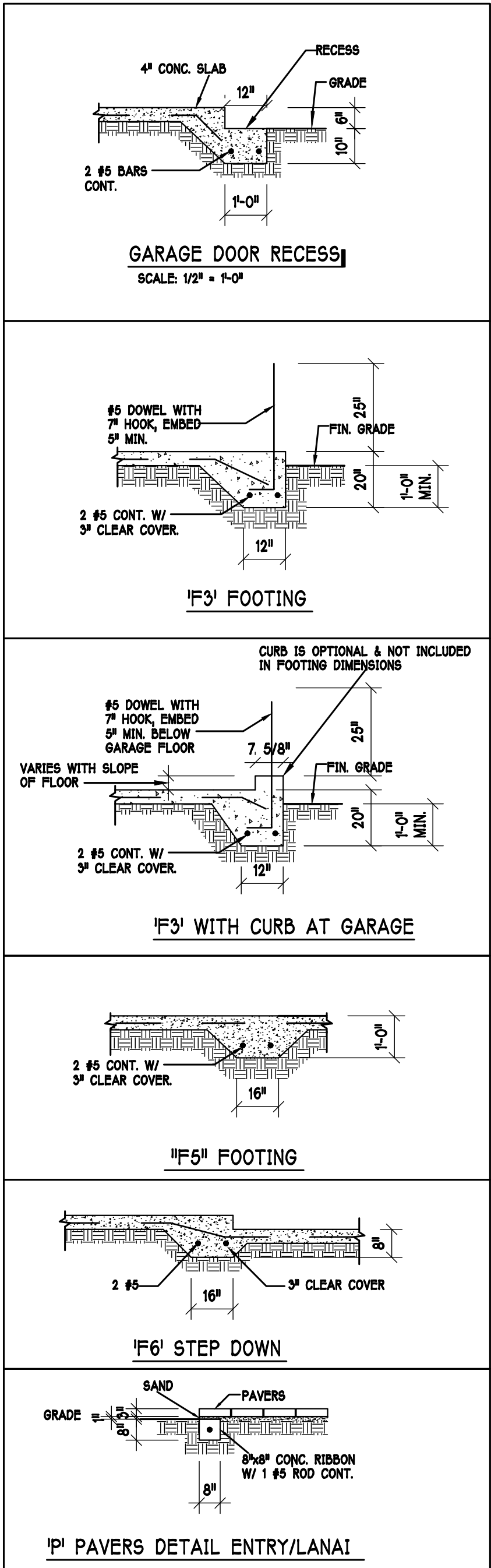


5	
FLOOR SHEATHING AT 2ND FLOOR A.P.A. RATED STURDI-FLOOR, EXPOSURE 1, TONGUE & GROOVE EDGES	



DATE:	11-22-17
DRAWN BY:	JSL
CHECKED BY:	JWC
REVISED:	
PLAN:	SECTION
SCALE:	3/16" = 1'-0"
SHEET#	A6-L

DESIGN IN ACCORDANCE W/ THE 2014 RESIDENTIAL
FLORIDA BUILDING CODE - 5TH EDITION



FOUNDATION PLAN

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

- PLAN NOTES:
- 1) TOP OF GROUND FLOOR SLAB DATUM ELEVATION 0'-0".
 - 2) 'F# DENOTES CONTINUOUS WALL FOOTING TYPE PER SCHEDULE THIS SHEET.
 - 3) 'F# DENOTES PAD FOOTING AT CONCENTRATED LOADS PER SCHEDULE THIS SHEET.
 - 4) PROVIDE #5 VERTICAL REINFORCING AT DOT LOCATIONS SHOWN ON PLAN FROM FOOTING TO BOND BEAM.
 - 5) ALL DIMENSIONS ARE TO OUTSIDE FACE OF MASONRY WALLS. SOME SLAB EDGES MAY EXTEND BEYOND FACE OF WALL.
 - 6) FOR DIMENSIONS OF ROUGH OPENINGS IN MASONRY WALLS, COORDINATE WITH WINDOW/DOOR SUPPLIER.
 - 7) PROVIDE PRESSURE TREATED BUCKS AT WINDOWS / DOORS PER DETAIL 2/S-6.

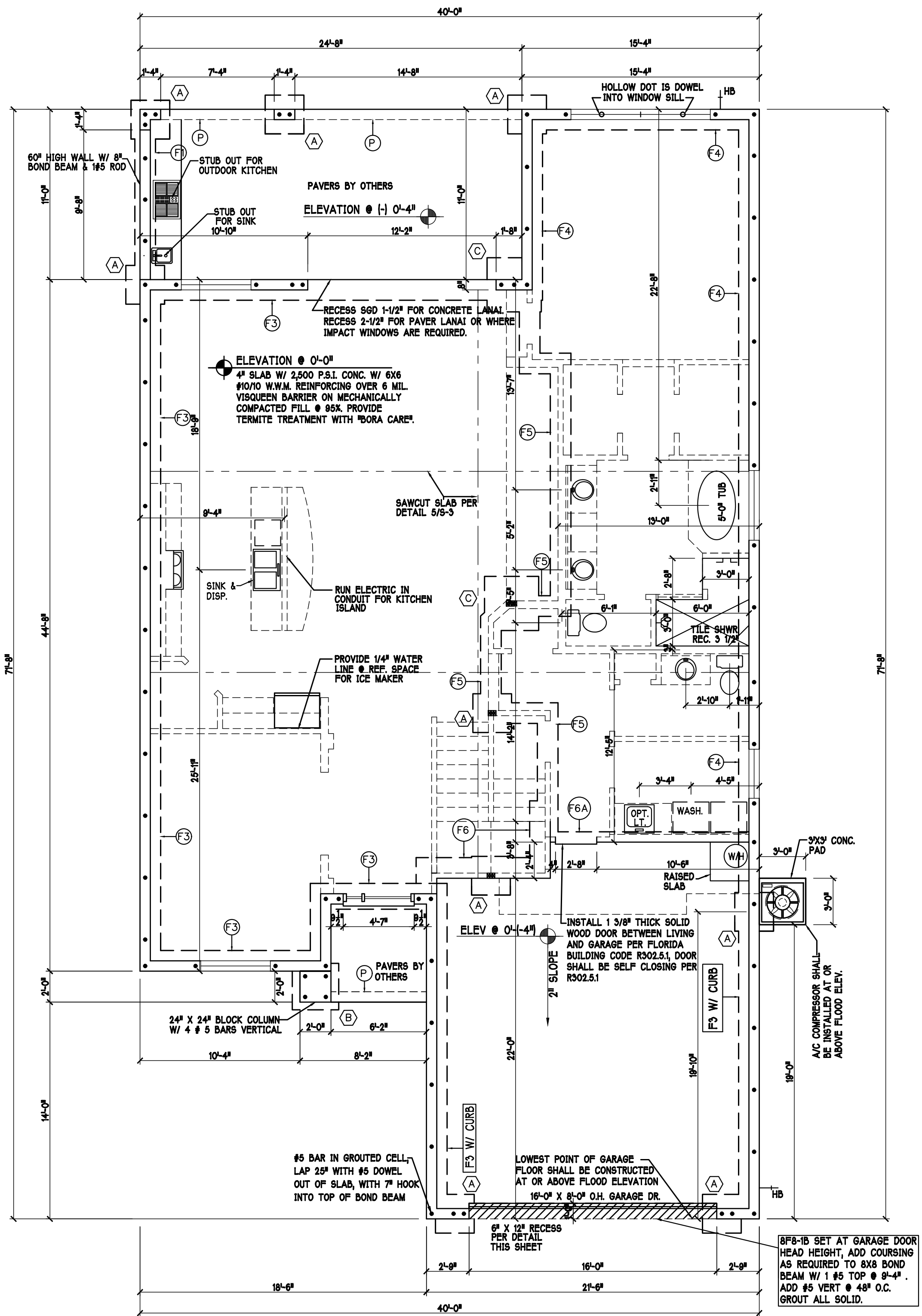
PAD FOOTING SCHEDULE

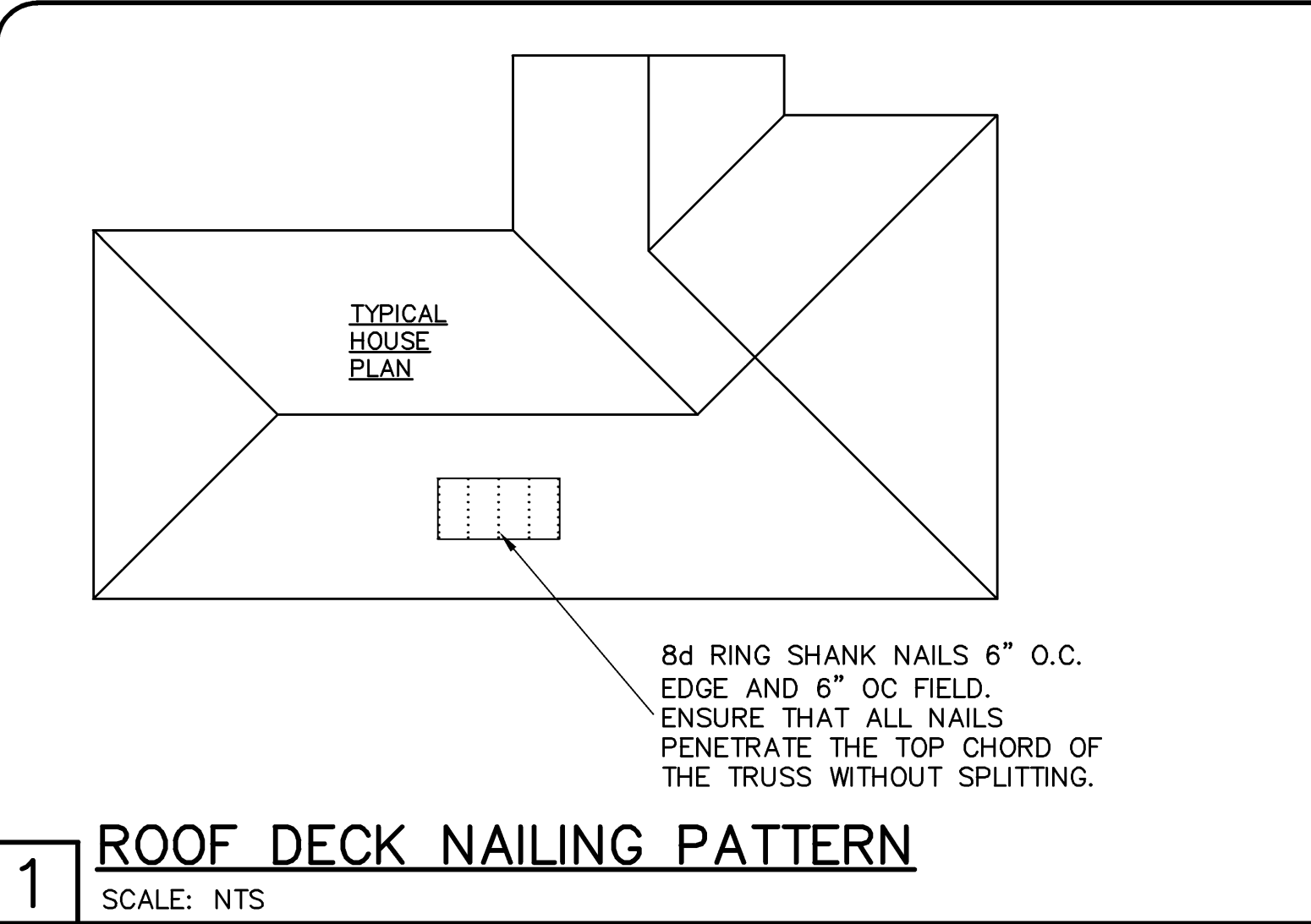
TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINF.		REMARKS
				LONG WAY	SHORT WAY	
A	2'-6"	2'-6"	1'-0"	3-#5	3-#5	-
B	3'-0"	3'-0"	1'-0"	4-#5	4-#5	-
C	3'-6"	3'-6"	1'-0"	4-#5	4-#5	-
D	4'-0"	4'-0"	1'-2"	5-#5	5-#5	-
E	5'-0"	5'-0"	1'-2"	6-#5	6-#5	-

WALL FOOTING SCHEDULE

TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINFORCING	SHAPE	REMARKS
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.	8"	8"	1-#5		
TE	CONT.	0'-8"	0'-8"	1-#5		

ADD CURB TO GARAGE, SEE DETAIL





1 ROOF DECK NAILING PATTERN

SCALE: NTS

SHEATHING SCHEDULE	
EXTERIOR STUD WALL	FLOOR
1/2" CDX PLYWOOD OR 7/16" OSB SHEATHING NAILED W/ 8d COMMON WIRE @ 6" O.C. EDGE AND 6" O.C. FIELD. PROVIDE 2x4 BLOCKING AT ALL JOINTS	APA RATED STURDI-FLOOR, EXPOSURE 1, TONGUE & GROOVE EDGES. SPAN RATING 48/24 OR BETTER, GLUE AND NAIL W/ 10d COMMON @ 6" O.C. EDGE & FIELD
ROOF	LANAI / ENTRY CEILING / SOFFIT
A.P.A. RATED SHEATHING, EXPOSURE 1, SPAN RATING 24/16 OR BETTER (HIGHER NUMBERS INDICATE BETTER SPAN RATING). FASTEN WITH 8d RING SHANK NAILS @ 6" O.C. EDGE AND 6" O.C. FIELD. (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, 3/8" EXTERIOR GYPBOARD CEILING, FASTEN w/8d NAILS OR 1 5/8" DRYWALL SCREWS @ 6"OC EDGE & FIELD. 2) 3/4" BC PLYWOOD NAILED w/ 6d COMMON @ 6" OC EDGE & FIELD. 3) WIRE LATHE AND 1/2" STUCCO. FASTEN WIRE LATHE WITH GALVANIZED STAPLES BY Senco OR EQUIV., 1" CROWN, 1" LONG, SPACED 4" OC.
NOTE: EXTERIOR CEILINGS AND SOFFITS SPECIFIED HERE MEET THE DESIGN WIND PRESSURES PER R703.1.3.	

2

WINDOW/DOOR/SOFFIT DESIGN WIND PRESSURES			
WIND PRESSURES PER ASCE7-10, 160 MPH, EXPOSURE C, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR. (V _{WIND} =124 MPH, RISK CAT II, ENCLOSED, K _d =0.85, h=25')			
TYPE	INTERIOR ZONE 4	END ZONE 5	
SOFFIT	+37.4 -40.5	+37.4 -50.0	
TYPICAL WINDOWS & DOORS	+37.4 -40.5	+37.4 -50.0	
8' OR 9' GARAGE DOORS	+32.8 -37.1		
16' OR 18' GARAGE DOORS	+31.9 -35.1		

(SEE PLAN FOR OTHER SPECIFIC PRESSURES)

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.

* ON IRREGULAR SHAPED BUILDINGS, THERE IS NO GUIDANCE IN THE CODE FOR HOW FAR A CORNER MUST PROTRUDE FROM THE MAIN BUILDING TO BE CONSIDERED "ZONE 5". WE HAVE CHOSEN >15'. THIS IS SUBJECT TO JUDGEMENT CALL BY THE AUTHORITY HAVING JURISDICTION.

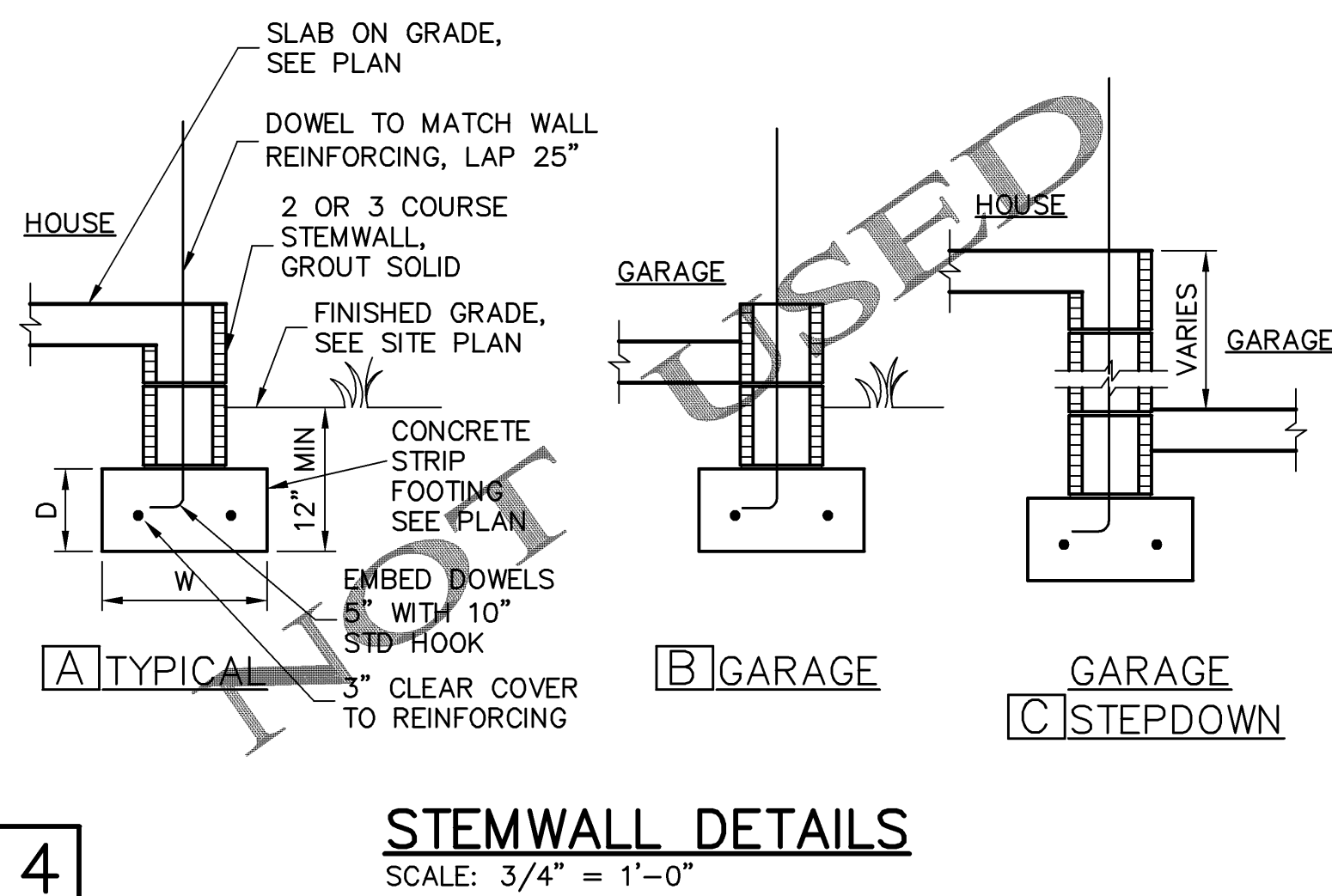
IN ZONE 5, MANUFACTURED SOFFIT PRODUCTS MAY REQUIRE ADDITIONAL BATTENS OR FASTENING PER MFR ENGINEERING SPEC SHEETS TO MEET THE PRESSURE REQUIREMENTS.

END ZONE 5 PRESSURES OCCUR AT "PRIMARY" OUTSIDE CORNERS OF BUILDING (BOLD LINES)

INTERIOR ZONE 4 PRESSURES

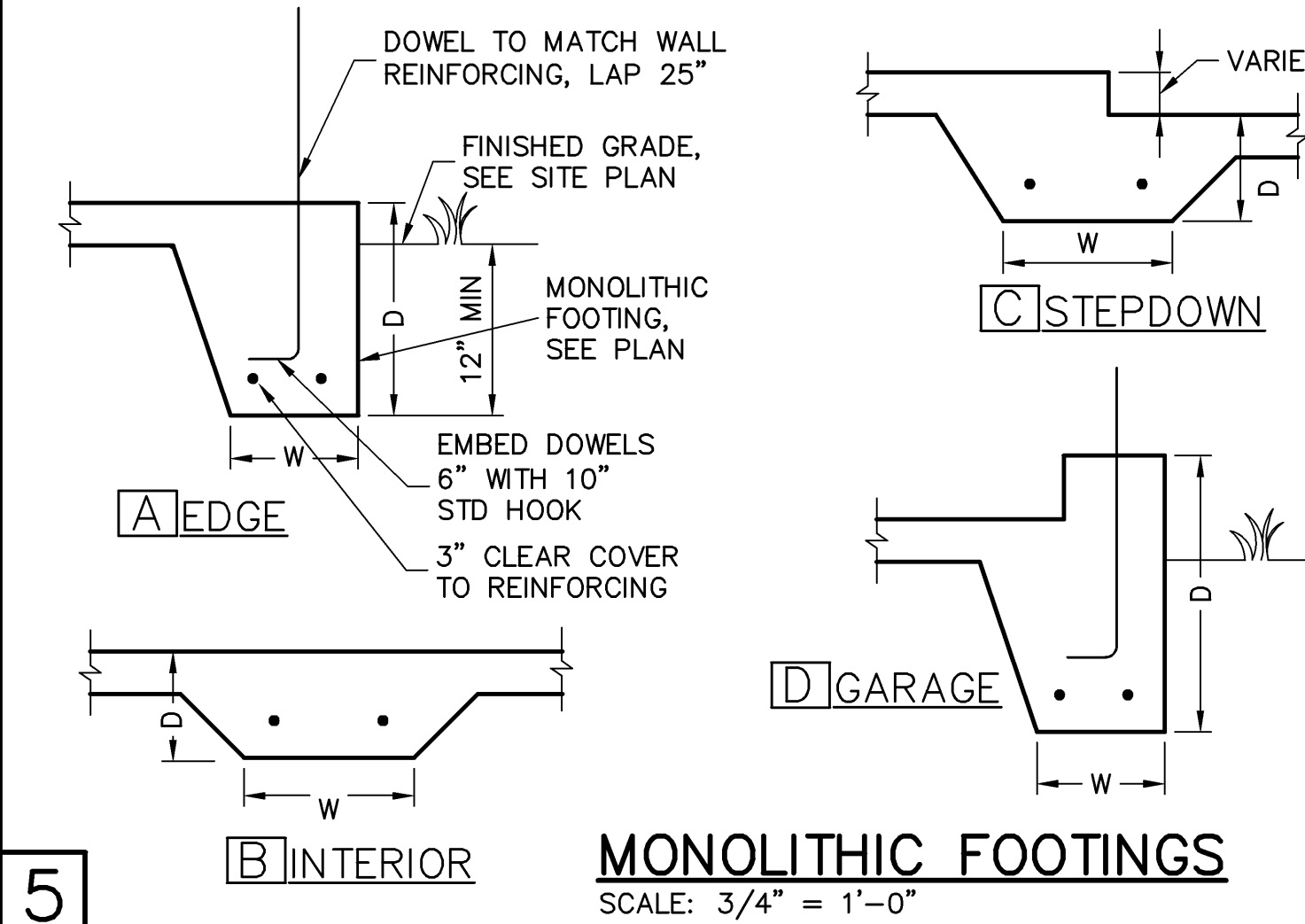
END ZONE WIDTH = 5'-0" MEASURED FROM FACE OF WALL

3



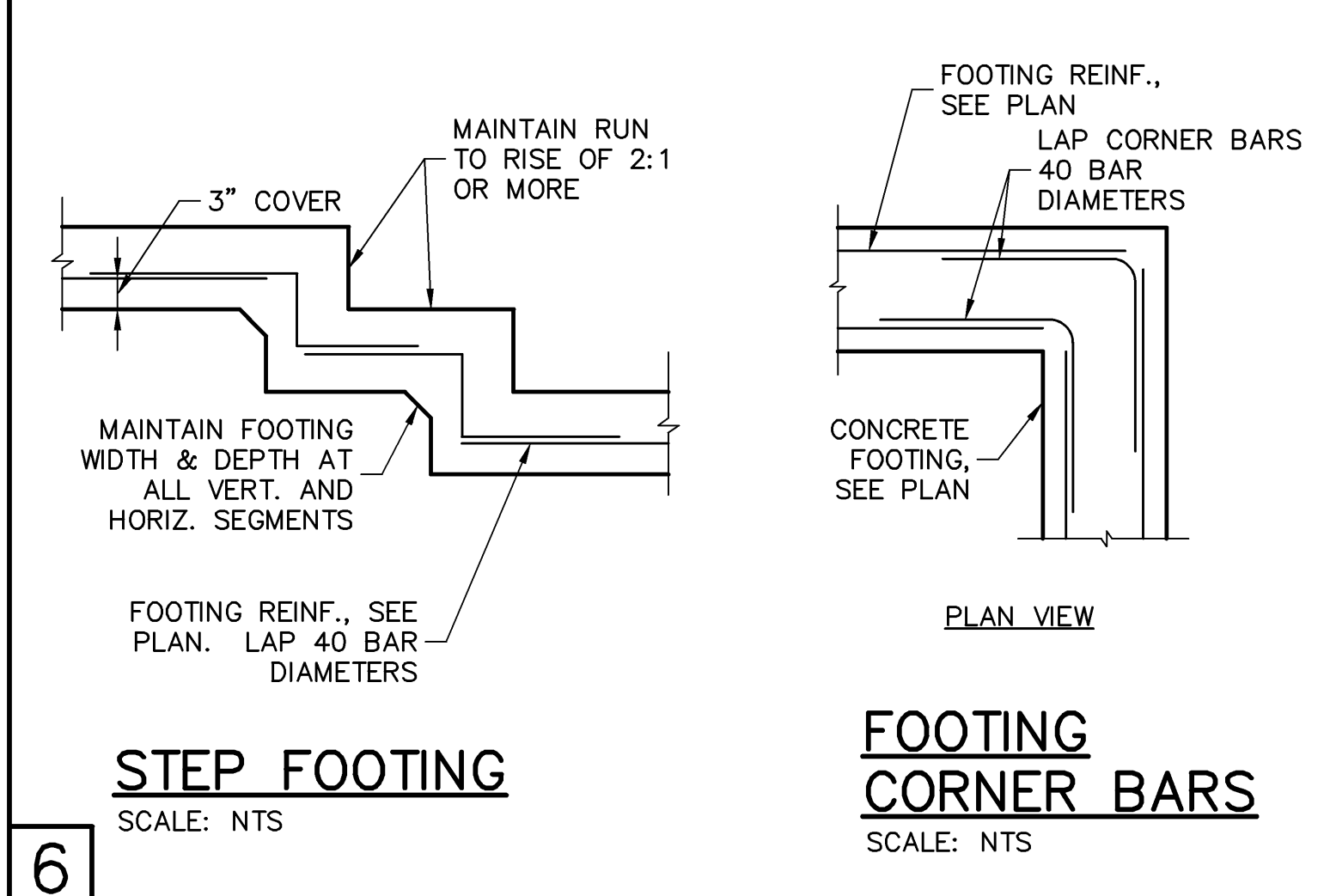
4 STEMWALL DETAILS

SCALE: 3/4" = 1'-0"



5 MONOLITHIC FOOTINGS

SCALE: 3/4" = 1'-0"

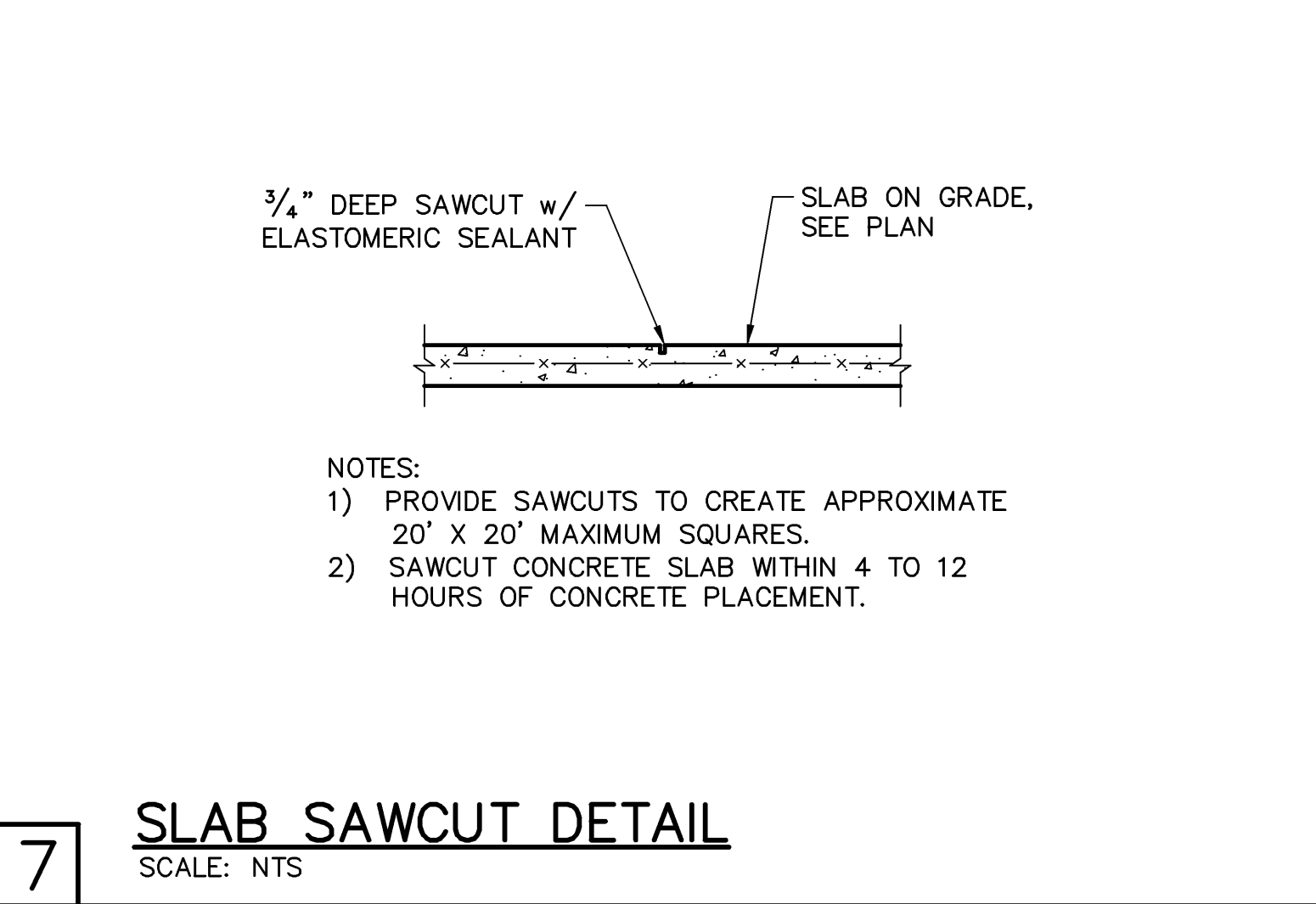


6 STEP FOOTING

SCALE: NTS

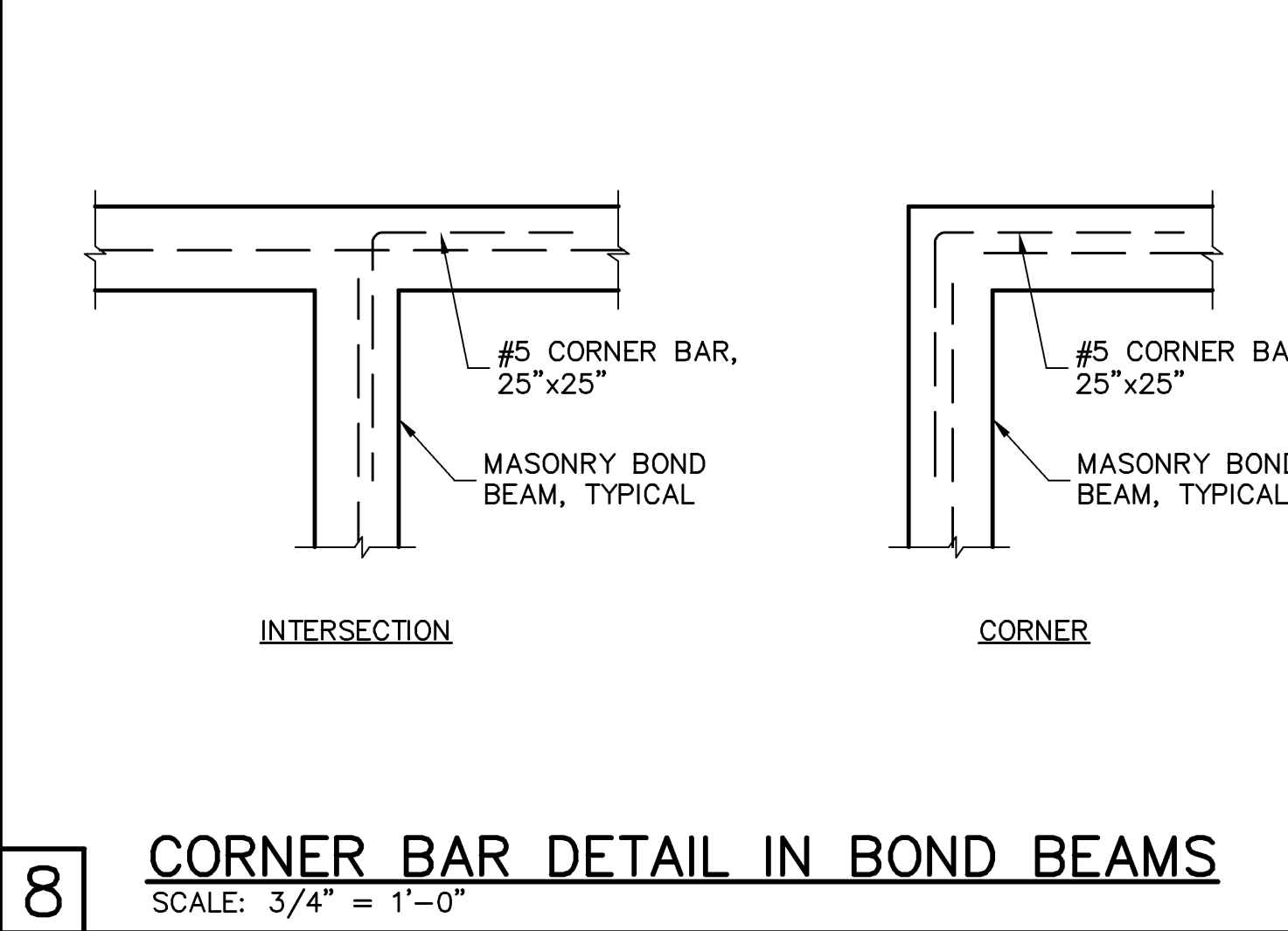
FOOTING CORNER BARS

SCALE: NTS



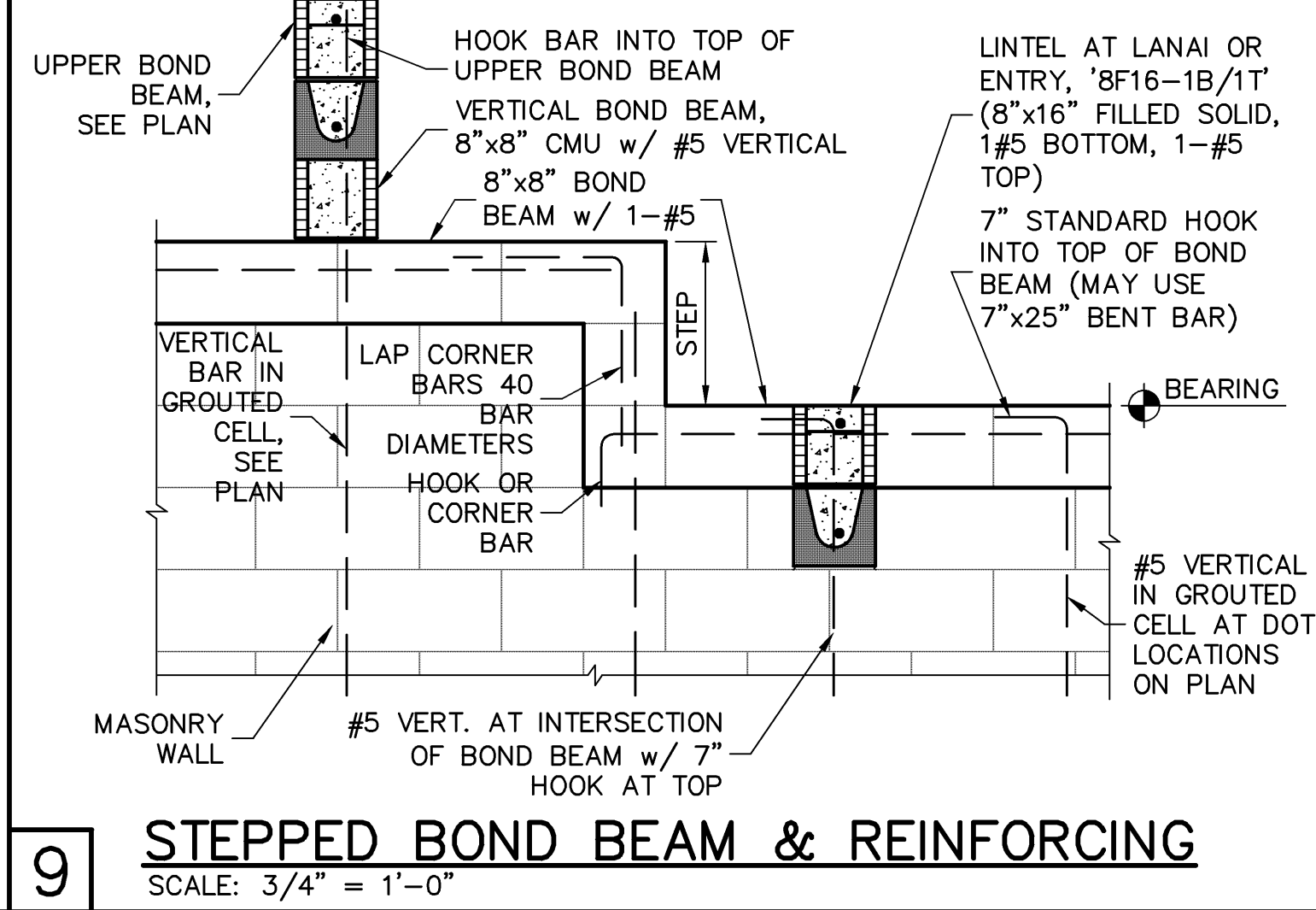
7 SLAB SAWCUT DETAIL

SCALE: NTS



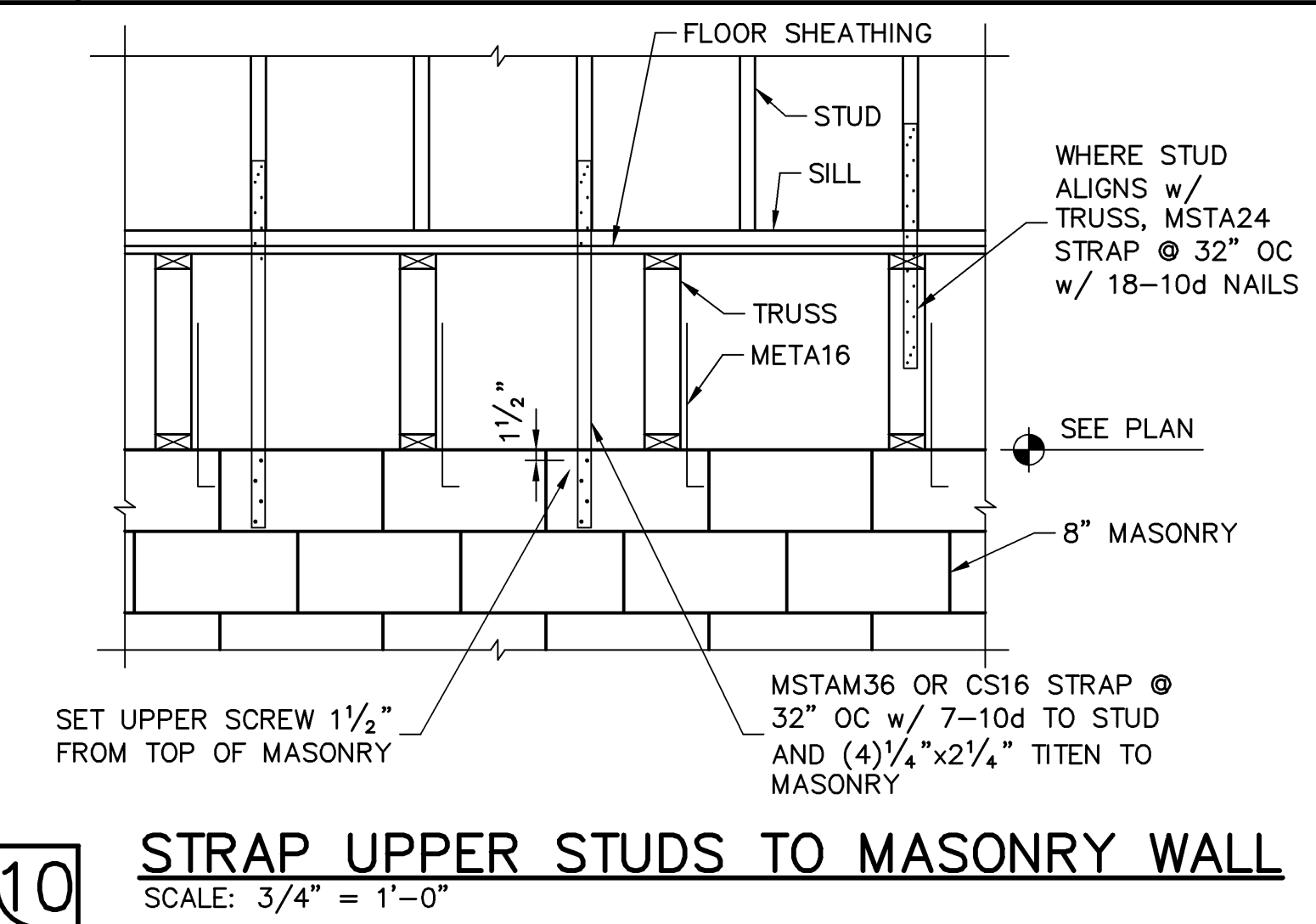
8 CORNER BAR DETAIL IN BOND BEAMS

SCALE: 3/4" = 1'-0"



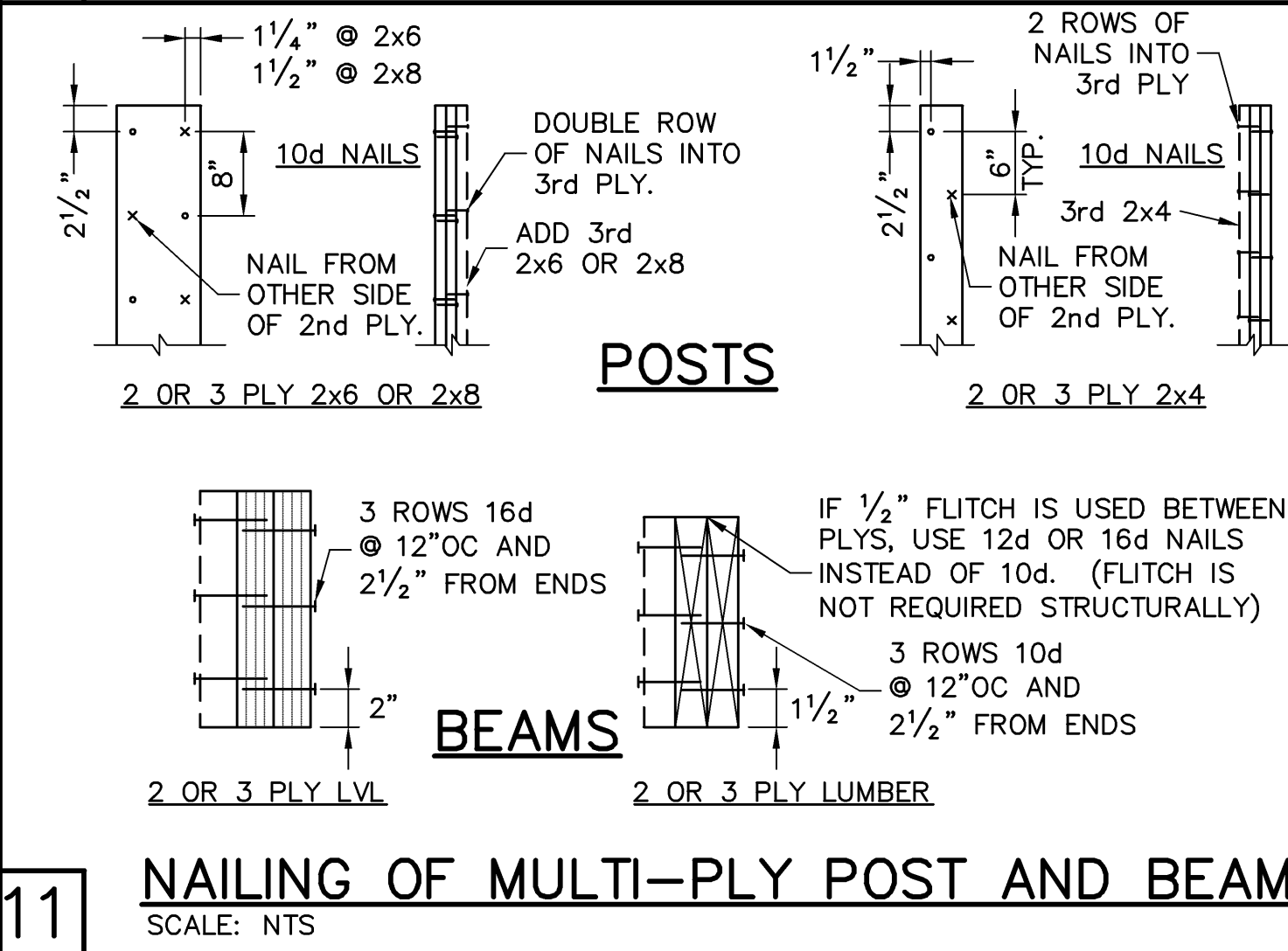
9 STEPPED BOND BEAM & REINFORCING

SCALE: 3/4" = 1'-0"



10 STRAP UPPER STUDS TO MASONRY WALL

SCALE: 3/4" = 1'-0"



11 NAILING OF MULTI-PLY POST AND BEAMS

SCALE: NTS

RETROFIT STRAPS TO CONCRETE/MASONRY			
TRUSS UPLIFT (LBS) @ 24" OC	CONNECTOR		
TO 840	1-MTSM16 or 20	7-10dx1 1/2", 4-1/4x2 1/4" TITEN	
TO 1045	1-HTSM16 or 20	8-10dx1 1/2", 4-1/4x2 1/4" TITEN	
TO 2090	2-HTSM16 or 20	8-10dx1 1/2", 4-1/4x2 1/4" TITEN	
TO 4300	2-LGT2	16-16d, 7-1/4"x2 1/4" TITEN	
TO 3480	HTT16	18-16d, 7/8" @ ALLTHREAD, DRILL & EPOXY 10" EMBED W/ SIMPSON SET.	
TO 10530	HGT-2/3	TWO 3/4" @ ALLTHREAD, DRILL & EPOXY 12" EMBED WITH SIMPSON SET.	

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.

12 RETROFIT UPLIFT CONNECTOR SCHEDULE

DESIGN CRITERIA:

DESIGN IN ACCORDANCE WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE 5th EDITION (2014) 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
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 (V_{WIND} TABLE R301.2.1.3) 124 MPH
BUILDING CATEGORY II
IMPORTANCE FACTOR C 1.00
EXPOSURE C
MEAN ROOF HEIGHT = 25 FT
ROOF PITCH 4.5/12 & 5/12
ENCLOSURE CLASS. ENCLOSED
INTERNAL PRES. COEFF. +/- 0.18
WINDOW/DOOR DESIGN WIND PRESSURE, SEE TABLE IN DETAIL 3.
SOFFITS - PER R703.1.3, ALL SOFFITS SHALL BE CAPABLE OF RESISTING THE DESIGN PRESSURES SPECIFIED IN TABLE R301.2(2) FOR WALLS. PER R616.4, SOFFIT TESTING SHALL USE ASCE7 DESIGN PRESSURES USING 0.6W LOAD FACTOR.

3. REINFORCED CONCRETE:
DESIGN AS PER ACI 318-11
REQUIRED COMPRESSIVE STRENGTH AT 28 DAYS:
SLAB ON GRADE f_c = 2500 PSI
3 1/2" MINIMUM THICKNESS REINFORCED WITH 6x6 w1.4xw1.4 WWF OR FIBERMESH.
CONVENTIONAL SHALLOW FOOTINGS f_c = 2500 PSI
BEAMS AND COLUMNS f_c = 3000 PSI
ALL OTHER CONCRETE (U.N.O.) f_c = 3000 PSI
UNLESS OTHERWISE SHOWN ON DRAWINGS, MINIMUM CONCRETE COVER FOR REINFORCING SHALL BE AS FOLLOWS:
FOOTINGS 3"
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 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 530-11
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. 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 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
SOIL BEARING CAPACITY 2000 PSF
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.

FOR PROBUILD TRUSSES, EXPOSURE C, 1" ELEVATION, ROOF JOB # "MASTER", DATED: 06/30/15, REVISED: NONE, FLOOR JOB # "MASTER", DATED: 06/30/15, REVISED: NONE

REVISIONS	BY

STRUCTURAL ENGINEERING:	STRUCTURAL SYSTEMS OF NORTH FLORIDA
1634 S.E. 47th STREET, SUITE #3	CAPE CORAL, FL 33904
(239) 549-4554	CA # 8629

DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 5th EDITION (2014) RESIDENTIAL

BUILDER:

STRUCTURAL DETAILS FOR
MODEL 2587 L
16395 BARCLAY COURT
NAPLES, FLORIDA
LOT: 32 SUBDIVISION: BARRINGTON COVE

DESIGN/DRAWN	DWB/GH
CHECKED	DWB
DATE	11/16/17
SCALE	AS NOTED
JOB NO.	DR10033
SHEET	S-3
SHEET	3 OF 6



SCALE: 3/4" = 1'-0"



SCALE: 3/4" = 1'-0"

3

SCALE: 3/4" = 1'-0"



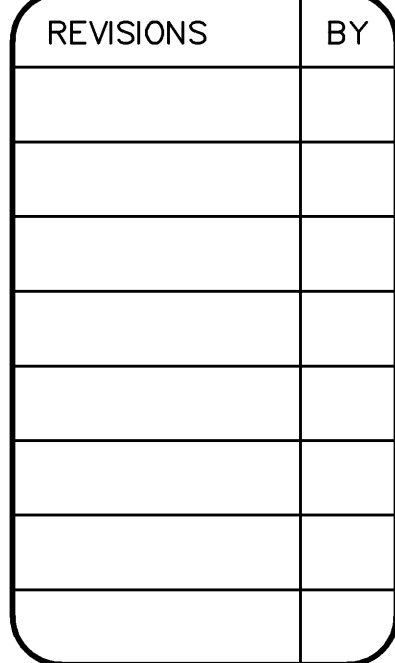
SCALE: N.T.S.

(5)

SCALE: N.T.S.

6

SCALE: $3/4" = 1'-0"$



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

DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 5th EDITION (2014) RESIDENTIAL

BUILDER:

STRUCTURAL DETAILS FOR
MODEL 2587 L

16395 BARCLAY COURT
NAPLES, FLORIDA
LOT: 32 SUBDIVISION: BARRINGTON COVE

DESIGN/DRAWN
DWB/GH
CHECKED
DWB
DATE
11/16/17
SCALE
AS NOTED
JOB NO.
DR10033
SHEET

S-4

SHEET 4 OF 6



SCALE: 3/4" = 1'-0"



SCALE: 3/4" = 1'-0"



SCALE: 3/4" = 1'-0'

DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 5th EDITION (2014) RESIDENTIAL

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

16395 BARCLAY COURT
NAPLES, FLORIDA
LOT: 32 SUBDIVISION: BARRINGTON COVE

S-5



SCALE: 3/4" = 1'-0"



GARAGE DOOR

+9'-4" 
 WOOD FLOOR TRUSS, SEE MFR. LAYOUT
 META16 @ 32" oc AT INSIDE FACE OF TRUSS
 VERTICAL BAR SHALL HAVE 7" STANDARD HOOK INTO TOP OF BOND BEAM
 HOLD FLOOR TRUSS BACK 3/4" FOR PLYWOOD AND STUCCO
 IN WALL WEEP SCREED
 8"x8" MASONRY BOND BEAM W/ 1-#5 CONTINUOUS
 8" CMU WALL, REINFORCE W/ #5 VERT. IN GROUTED CELL AT DOT LOCATIONS ON PLAN



SCALE: 3/4" = 1'-0"



SCALE: $3/4" = 1'-0"$



SCALE: 3/4" = 1'-0"



SCALE: 3/4" = 1'-0'

FOR PROBUILD TRUSSES. EXPOSURE C. 'L' ELEVATION. ROOF JOB # 'MASTER' DATED: 06/30/15. REVISED: NONE

STRUCTURAL ENGINEERING:
**STRUCTURAL
SYSTEMS**
OF NORTH FLORIDA

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

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MODEL 2587 L
16395 BARCLAY COURT
NAPLES, FLORIDA
LOT: 32 SUBDIVISION: BARRINGTON COVE

DESIGN/DRAWN DWB/GH
CHECKED DWB
DATE 11/16/17
SCALE AS NOTED
JOB NO. DR10033
SHEET S-6