House Plan Zone, LLC.



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STANDARD ABBREVIATIONS

51	ANDARD AB	BRE	VIATIONS
<u>a</u>	AT	LT.	LIGHT
‡	POUND(S)	LIN.	LINEN
APPROX	APPROXIMATELY	MANUF.	MANUFACTURER
<u> </u>	7 T TO MIN TELL	MAS.	MASONRY
BASE.	BASEMENT	MAX.	MAXIMUM
3/T	BETWEEN	MTL.	METAL
BLK.	BLOCK	MIN.	MINIMUM
BLK'G	BLOCKING		
3D.	BOARD	N.I.C.	NOT IN CONTRACT
BRD.	BOARD		
	BOTTOM	O.C.	ON CENTER
BLDG.	BUILDING	OIC	ON CENTER
		OPT.	OPTIONAL
SAB.	CABINET	0.S.B.	ORIENTED STRAND BOARD
CLG.	CEILING	<u>0</u> TS	OWNER TO SELECT
CLR.	CLEAR	0.T.S	OWNER TO SELECT
CLOS.	CLOSET	<u> </u>	07 11.21(10 022201
50L.	COLUMN	PG.	PAGE
00L5.	COLUMNS	PAN.	PANTRY
CONC.	CONCRETE	PL.	PLATE
SMU	CONCRETE MASONRY UNIT	<u> </u>	PLATE
5.U.	CONDENSOR UNIT		PLYWOOD
CONN.	CONNECTION		PLYWOOD
CONT.	CONTINUOUS	POLY.	
	COVERING	PSI	POUNDS PER SQUARE INCH
25	CRAWL SPACE		PREFABRICATED
		11121712	
DECO.	DECORATIVE	RE:	REFERENCE
DET	DETAIL	REF	REFRIGERATOR
JIA.	DIAMETER	REINF.	REINFORCED
)M	DISHMASHER	R	RESISTANCE
OBL.	DOUBLE	R.A.	RETURN AIR
OF O	DOUGLAS FIR	R.A.G.	RETURN AIR GRILLE
)	DRYER	REQ'D	REQUIRED
ĒA.	EACH	SCR	SCREEN
FLEV	ELEVATION		SHELVES
ENG.	ENGINEER		SHOWER
			SHOWER
-T.	FEET		SIMPSON STRONG TIE
	FINISHED FLOOR LINE		SOUTHERN PINE
FIN.	FINISH		SPECIFICATIONS
F.C.	FIRE CODE	5Q.	SQUARE
LR.	FLOOR	S.F.	SQUARE FOOTAGE
	FOOTING	STL.	STEEL
	FOUNDATION		
ND.	FOUNDATION	THK.	THICK
R.	FREEZER	THK.	THICKNESS
		TBD.	TO BE DETERMINED
5A.	GAUGE	TR.	TRANSOM
	GALVANIZED	TYP.	TYPICAL
SYP.	GYPSUM		
		U.T.C.	UNDER THE COUNTER
HDR.	HEADER	UTIL.	UTILITY
1 VAC	HEATING, VENTILATION &		
	AIR CONDITIONING	VAN.	VANITY
I T.	HEIGHT	VERT.	VERTICAL
	HEIGHTS		
HORIZ.	HORIZONTAL	MH	MATER HEATER
		M	MASHER
N.	INCHES	MT.	MEIGHT
NCL.	INCLUDE	MIN.	
	INSULATION	M.M.	MIRE MESH
		M /	MITH
IT.	JOINT	MD.	MOOD
IST.	JOIST	MFCM	MOOD FRAME
ISTS.	JOISTS		CONSTRUCTION MANUAL



SHEET INDEX:

- 1 COVER SHEET
- 2 FOUNDATION PLAN
- 3 MAIN FLOOR PLAN
- 4 BONUS FLOOR PLAN
- 5 EXTERIOR VIEWS
- 6 EXTERIOR VIEWS
- 7 SECTIONS & CABINETS
- 8 ROOF PLAN
- 9 ELECTRICAL PLANS

CODE DISCLAIMER

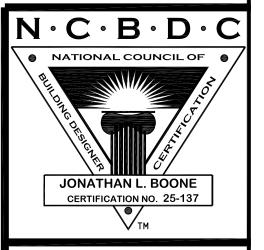
1. THESE PLANS WERE DESIGNED TO MEET IRC 2015 AT THE TIME OF THEIR CREATION AND MORE SPECIFICALLY THE MINIMAL LOCAL CODES OF THE SOUTH MISSISSIPPI AREA. IT IS HIGHLY RECOMMENDED THAT THESE PLANS BE REVIEWED BY A LOCAL STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION.

2. BEAMS AND FLOOR JOISTS ARE NOT SIZED DUE TO THE MANY GEOGRAPHIC LOCATIONS THESE PLANS ARE SOLD. THESE ITEMS SHALL BE SIZED BY A LOCAL ENGINEER OR MANUFACTURER.

3. ALL CEILING & FLOOR JOISTS (IF CONVENTIONAL FRAMING) SHOULD BE SIZED USING THE LATEST VERSION OF THE IRC OR APPLICABLE CODES AT SITE TO MEET THE LOCAL REQUIREMENTS SUCH AS SNOW LOADS AND OTHER FACTORS. THE CEILING JOISTS SIZES LABELED (IF PRESENT) WERE SIZED USING THE 2015 IRC AT THE TIME OF THEIR CREATION. THEY MUST BE VERIFIED AND MODIFIED AS REQUIRED TO MEET THE LATEST EDITION OF THE (IRC) INTERNATIONAL RESIDENTIAL CODE.

4. ALL FOUNDATIONS AND FOOTING DETAILS SHALL BE REVIEWED AND APPROVED BY A LOCAL ENGINEER.
5. CONTRACTOR SHALL PROVIDE ALL HIGH WIND STRAPPING AND ANCHOR BOLTS AS REQUIRED BY THE LOCAL CODE REQUIREMENTS AND THE LATEST VERSION OF THE IRC.

BB-2926R

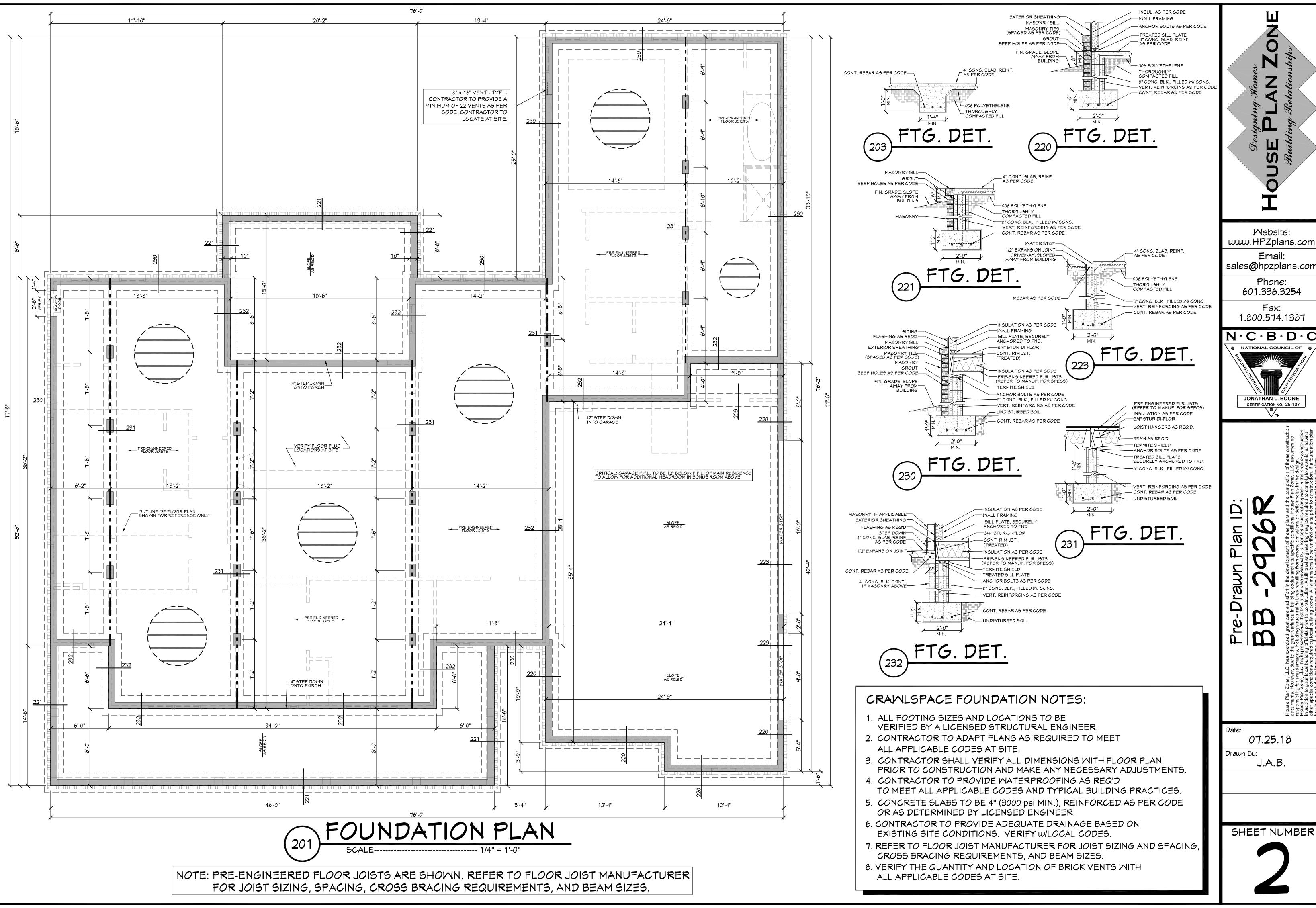


Date: 07.25.18

Drawn By:

SHEET NUMBER

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 $N \cdot C \cdot B \cdot D \cdot C$ ● NATIONAL COUNCIL OF ● JONATHAN L. BOONE CERTIFICATION NO. 25-137

07.25.18

J.A.B.

SHEET NUMBER

NOTES:

- 1. ALL DIMENSIONS & SITE CONDITIONS TO BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
- 2. ALL FINISHES (INTERIOR & EXTERIOR) TO BE VERIFIED WITH OWNER PRIOR TO
- CONSTRUCTION.
 3. VERIFY ALL DOOR AND WINDOW STYLES AND SIZES WITH OWNER PRIOR TO
- CONSTRUCTION. MANUFACTURER TO SUPPLY ALL ROUGH OPENING SIZES.
 4. CONTRACTOR TO VERIFY ALL CLEARANCES OF ALL DOORS, WINDOWS AND OTHER ITEMS THAT ARE CRITICAL, PRIOR TO CONSTRUCTION.
- 5. CONTRACTOR TO ADAPT PLANS AS REQUIRED TO MEET ALL APPLICABLE CODES AT SITE.
- 6. ALL BEAMS TO BE SIZED BY A LICENSED STRUCTURAL ENGINEER.
 7. PORCHES, BALCONIES OR RAISED FLOOR SURFACES LOCATED MORE THEN 30 INCHES
- ABOVE THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES HORIZONTALLY SHALL HAVE GUARDS NOT LESS THAN 36 INCHES IN HEIGHT. OPEN SIDES OF STAIRS WITH A TOTAL RISE OF MORE THAN 30 INCHES ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDS NOT LESS THAN 34 INCHES IN HEIGHT MEASURED VERTICALLY FROM THE NOSING OF THE TREADS. INSECT SCREENING SHALL NOT BE CONSIDERED AS A GUARD. IRC 2015, R312.1.1 & R312.1.2
- 8. M1305.1.3 APPLIANCES IN ATTICS. ATTICS CONTAINING APPLIANCES SHALL BE PROVIDED WITH AN OPENING AND A CLEAR AND UNOBSTRUCTED PASSAGEWAY LARGE ENOUGH TO ALLOW REMOVAL OF THE LARGEST APPLIANCE, BUT NOT LESS THAN 30 INCHES HIGH AND 22 INCHES WIDE AND NOT MORE THAN 20 FEET LONG MEASURED ALONG THE CENTERLINE OF THE PASSAGEWAY FROM THE OPENING TO THE APPLIANCE. THE PASSAGEWAY SHALL HAVE CONTINUOUS SOLID FLOORING IN ACCORDANCE WITH CHAPTER 5 NOT LESS THAN 24 INCHES WIDE. A LEVEL SERVICE SPACE AT LEAST 30 INCHES DEEP AND 30 INCHES WIDE SHALL BE PRESENT ALONG ALL SIDES OF THE APPLIANCE WHERE ACCESS IS REQUIRED. THE CLEAR ACCESS OPENING DIMENSIONS SHALL BE A MINIMUM OF 20 INCHES BY 30 INCHES, AND LARGE ENOUGH TO ALLOW REMOVAL OF THE LARGEST APPLIANCE.
- a. THE PASSAGEWAY AND LEVEL SERVICE SPACE ARE NOT REQUIRED WHERE THE APPLIANCE CAN BE SERVICED AND REMOVED THROUGH THE REQUIRED OPENING. b. WHERE THE PASSAGEWAY IS UNOBSTRUCTED AND NOT LESS THAN 6 FEET HIGH AND 22 INCHES WIDE FOR ITS ENTIRE LENGTH, THE PASSAGEWAY SHALL BE NOT MORE THAN 50 FEET LONG.
- 9. APPLIANCE ACCESS FOR INSPECTION SERVICE, REPAIR AND REPLACEMENT. APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION, OTHER APPLIANCES, OR ANY OTHER PIPING OR DUCTS NOT
- CONNECTED TO THE APPLIANCE BEING INSPECTED, SERVICED, REPAIRED OR REPLACED. A LEYEL WORKING SPACE AT LEAST 30 INCHES DEEP AND 30 INCHES WIDE SHALL BE PROVIDED IN FRONT OF THE CONTROL SIDE TO SERVICE AN APPLIANCE. INSTALLATION OF ROOM HEATERS SHALL BE PERMITTED WITH AT LEAST AN 18-INCH WORKING SPACE. A PLATFORM SHALL NOT BE REQUIRED FOR ROOM HEATERS.
- M1305.1.1 FURNACES AND AIR HANDLERS. FURNACES AND AIR HANDLERS WITHIN COMPARTMENTS OR ALCOVES SHALL HAVE A MINIMUM WORKING SPACE CLEARANCE OF 3 INCHES ALONG THE SIDES, BACK AND TOP WITH A TOTAL WIDTH OF THE ENCLOSING SPACE BEING AT LEAST 12 INCHES WIDER THAN THE FURNACE OR AIR HANDLER. FURNACES HAVING A FIREBOX OPEN TO THE ATMOSPHERE SHALL HAVE AT LEAST A 6-INCH WORKING SPACE ALONG THE FRONT COMBUSTION CHAMBER SIDE. COMBUSTION AIR OPENINGS AT THE REAR OR SIDE OF THE COMPARTMENT SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 17. EXCEPTION: THIS SECTION SHALL NOT APPLY TO REPLACEMENT APPLIANCES INSTALLED IN EXISTING COMPARTMENTS AND ALCOVES WHERE THE WORKING SPACE CLEARANCES ARE IN ACCORDANCE WITH THE EQUIPMENT OR APPLIANCE MANUFACTURER'S INSTALLATION
- 10. EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL BE OPERATIONAL FROM THE INSIDE OF THE ROOM WITHOUT THE USE OF KEYS, TOOLS OR SPECIAL KNOWLEDGE. WINDOW OPENING CONTROL DEVICES COMPLYING WITH ASTM F 2090 SHALL BE PERMITTED FOR USE ON WINDOWS SERVING AS A REQUIRED EMERGENCY ESCAPE AND RESCUE OPENING. ALL SLEEPING ROOMS TO HAVE AN EXTERIOR ACCESS THROUGH A DOOR OR WINDOW WITH A MINIMUM OF 5.7 SQUARE FEET NET CLEAR OPENING AS PER IRC 2015 R310.2.1. EXCEPTION: GRADE FLOOR OR BELOW GRADE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5 SQUARE FEET. MAXIMUM SILL HEIGHT TO BE 44 INCHES. MINIMUM NET CLEAR OPENING HEIGHT TO BE 24 INCHES. MINIMUM NET CLEAR OPENING WIDTH TO BE 20 INCHES.

 11. ALL RETURN AIR GRILLS ARE TO BE LOCATED TO COMPLY WITH SECTION M1602 OF THE IRC 2015.
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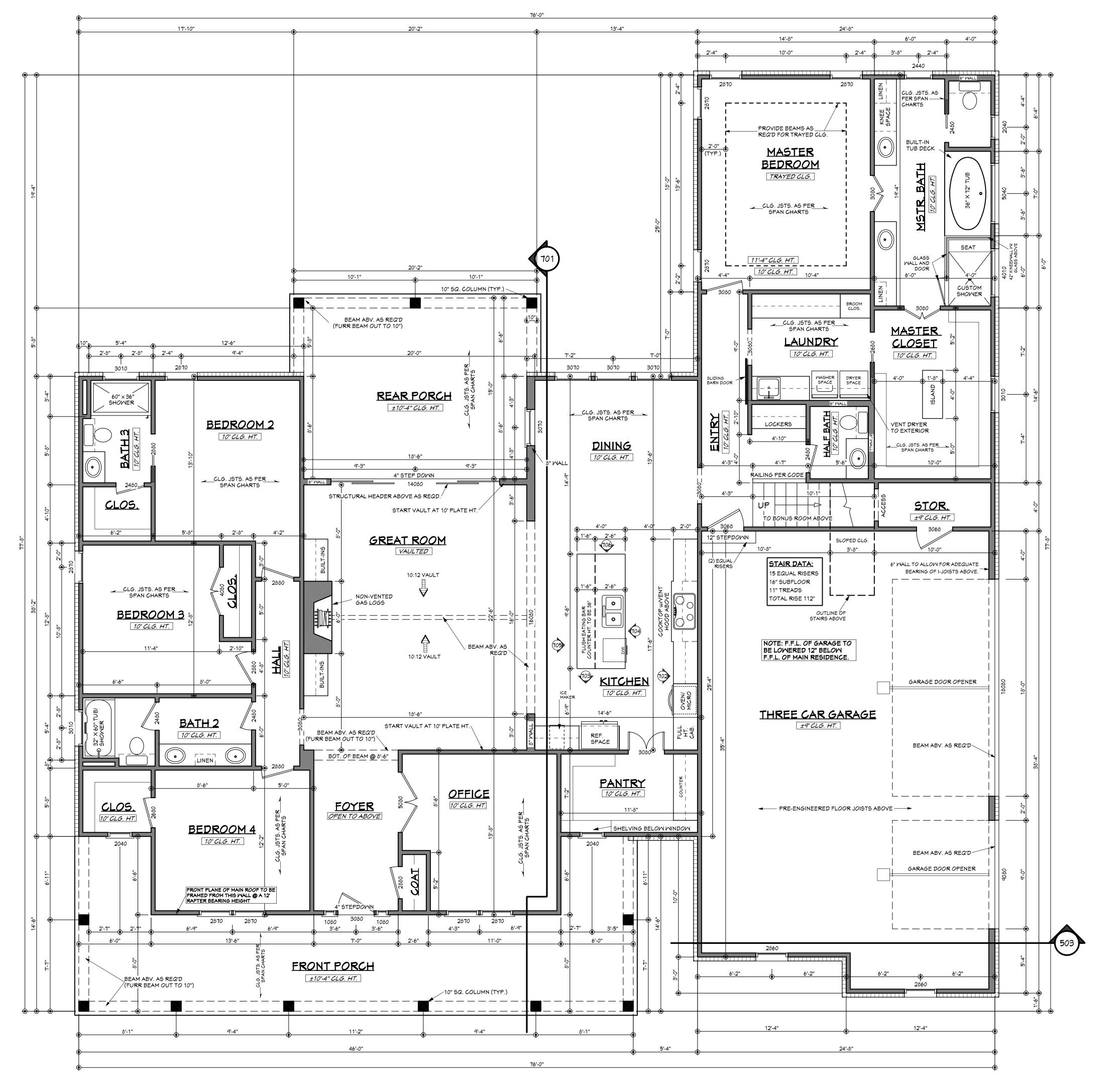
INSTRUCTIONS.

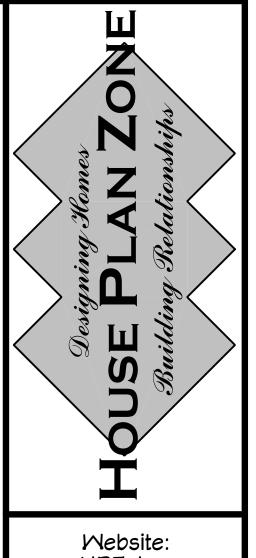
- 13. FIRE SPRINKLER SYSTEM TO BE DESIGNED AND INSTALLED (IF REQUIRED BY LOCAL CODES) AS PER THE IRC 2015 AND BY A LICENSED PROFESSIONAL IN THE AREA OF CONSTRUCTION
- 14. ALL BATHROOM EXHAUST VENTS SHALL BE VENTED DIRECTLY TO THE EXTERIOR OF THE HOME AND NOT INTO THE ATTIC. IRC 2015, M1507.2

NOTE: CONTRACTOR TO LOCATE HYAC UNITS AND WATER HEATER AT SITE.

BB-2926R MAIN FLOOR PLAN

AREAS:		
	2926	S.F. HEATED - FIRST FLOOR
	606	S.F. UNHEATED - BONUS ROOM FLOOR
	288	S.F. UNHEATED - REAR PORCH
	900	S.F. UNHEATED - GARAGE
	39	S.F. UNHEATED - STORAGE
	446	S.F. UNHEATED - FRONT PORCH
	2279	S.F. UNHEATED - TOTAL
	5205	S.F. TOTAL UNDER ROOF





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re: 07.25.18

Prawn By: J.A.B.

Project Name:

SHEET NUMBER

3

NOTES:

- 1. ALL DIMENSIONS & SITE CONDITIONS TO BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
- 2. ALL FINISHES (INTERIOR & EXTERIOR) TO BE VERIFIED WITH OWNER PRIOR TO

EXCEPTIONS:

- CONSTRUCTION.

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- THAT ARE CRITICAL, PRIOR TO CONSTRUCTION.

 5. CONTRACTOR TO ADAPT PLANS AS REQUIRED TO MEET ALL APPLICABLE CODES AT SITE.
- 6. ALL BEAMS TO BE SIZED BY A LICENSED STRUCTURAL ENGINEER.

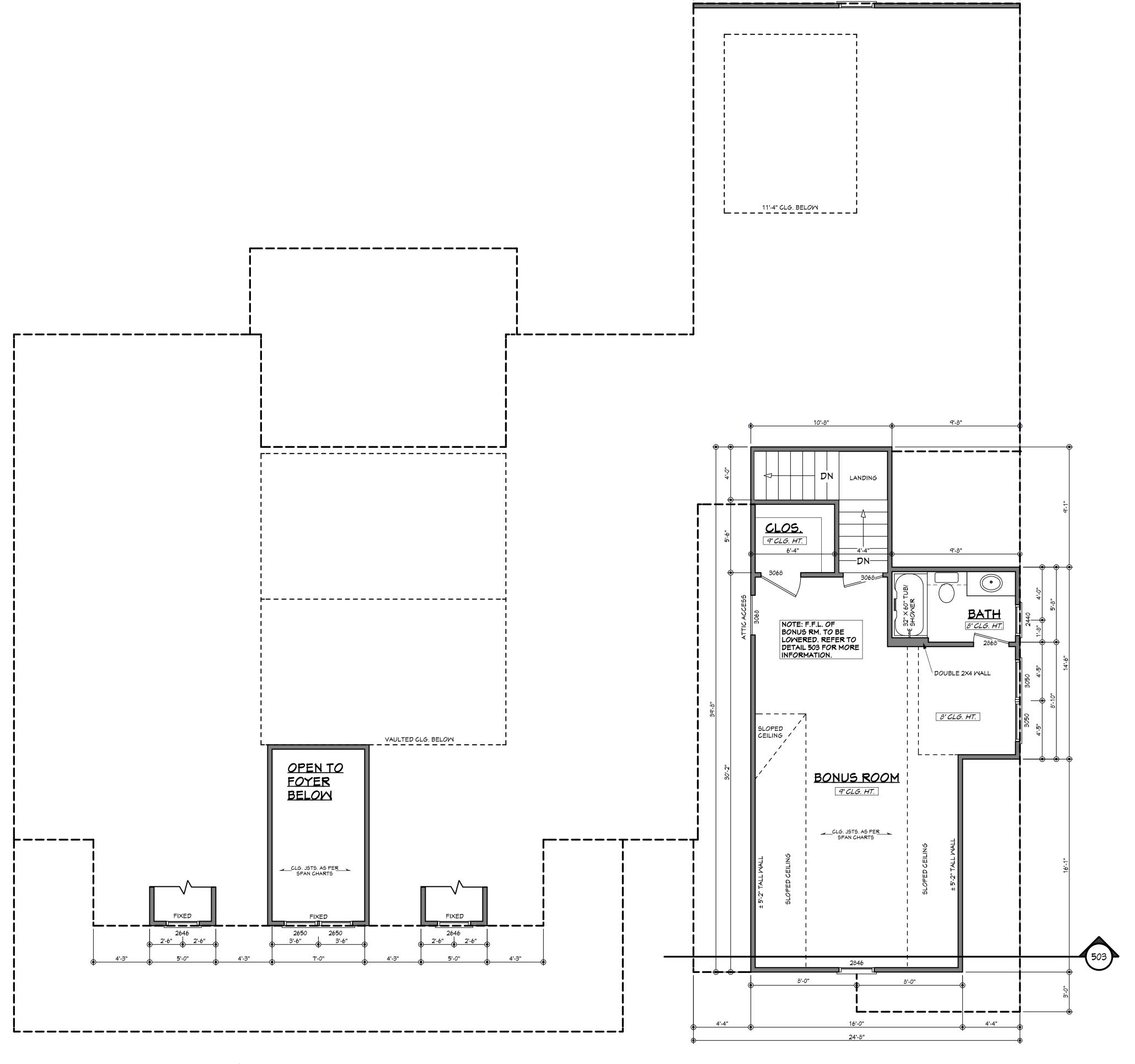
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 EXCEPTION: THIS SECTION SHALL NOT APPLY TO REPLACEMENT APPLIANCES INSTALLED IN
 EXISTING COMPARTMENTS AND ALCOVES WHERE THE WORKING SPACE CLEARANCES ARE IN

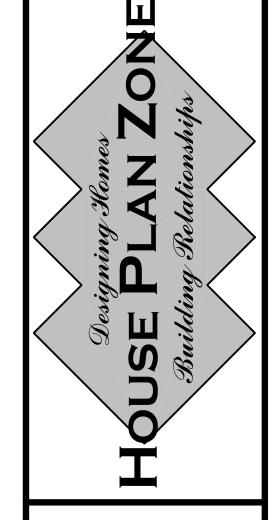
ACCORDANCE WITH THE EQUIPMENT OR APPLIANCE MANUFACTURER'S INSTALLATION

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BONUS FLOOR PLAN



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Prawn Plan ID:

Sample of the separation of these construitling codes and site specific conditions, House Plan Zone, LLC, assumes no illures resulting from errors, omissions or deficiencies in the design.

House Plan Zone, LLC. has exercised great care and efform documents. However, due to the great variance in building responsibility for any damages, including structural failures House Plan Zone, LLC. highly recommends that these plain addition to your local building officials prior to construction

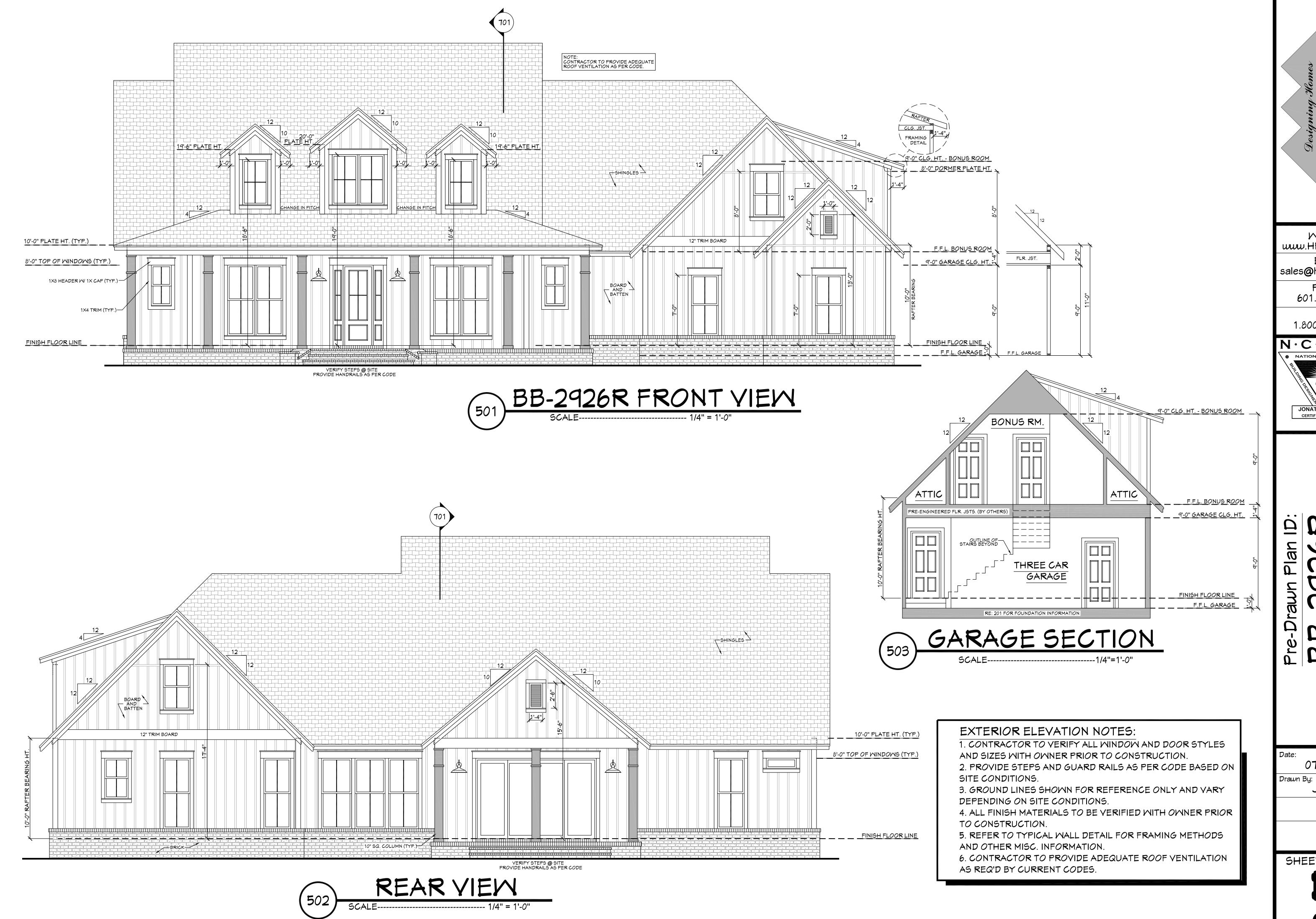
Date: 07.25.18

J.A.B.

Project Name:

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4



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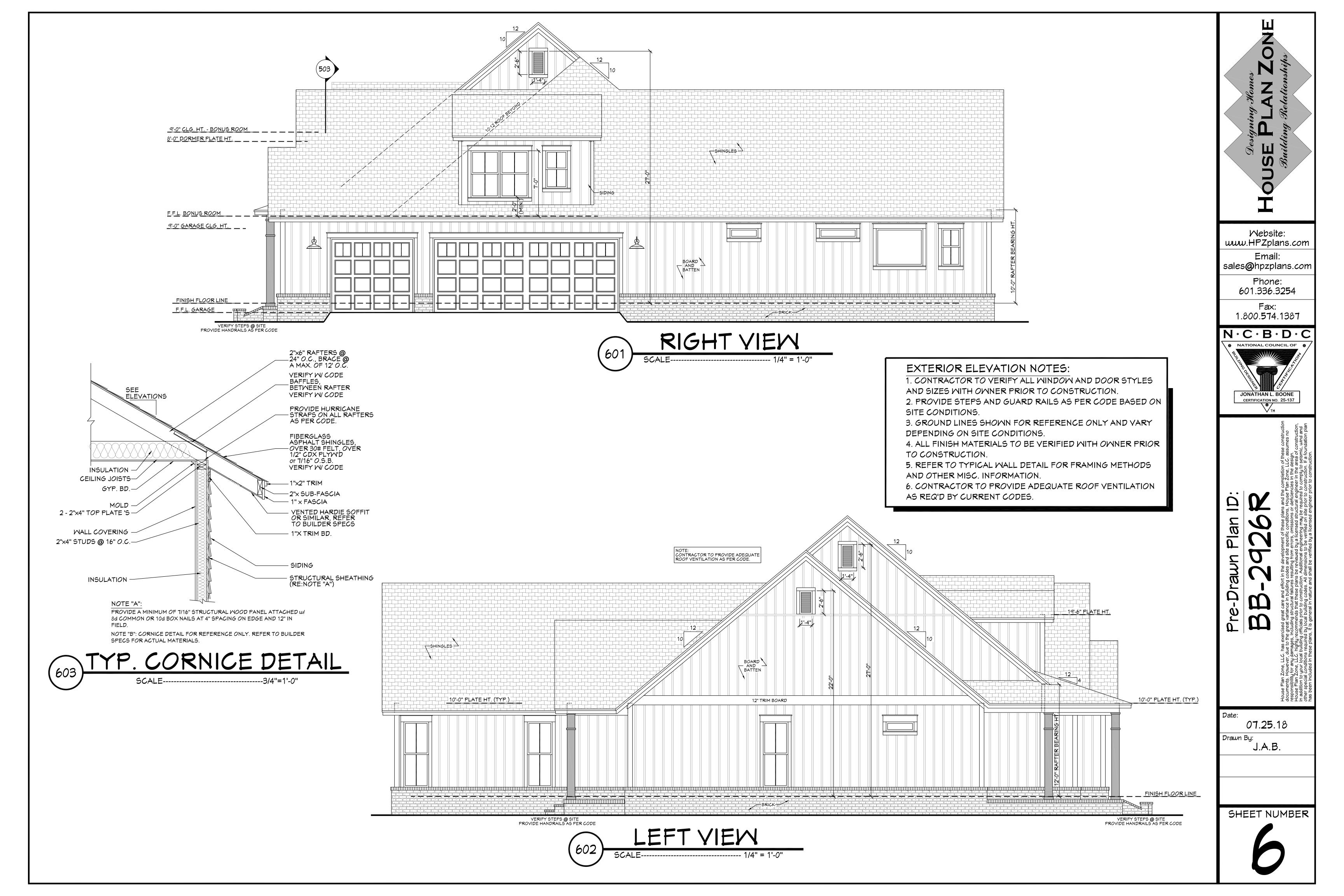
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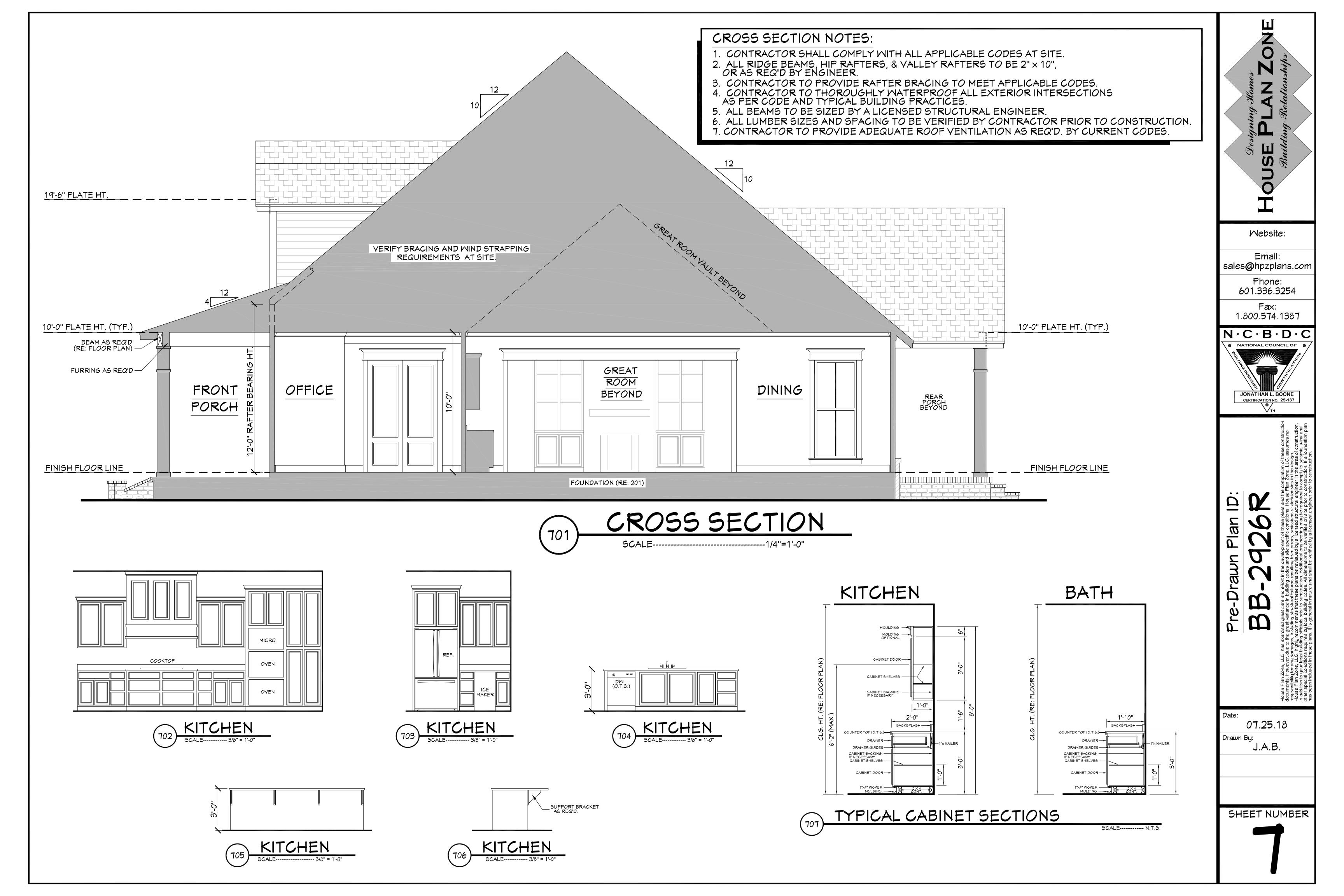


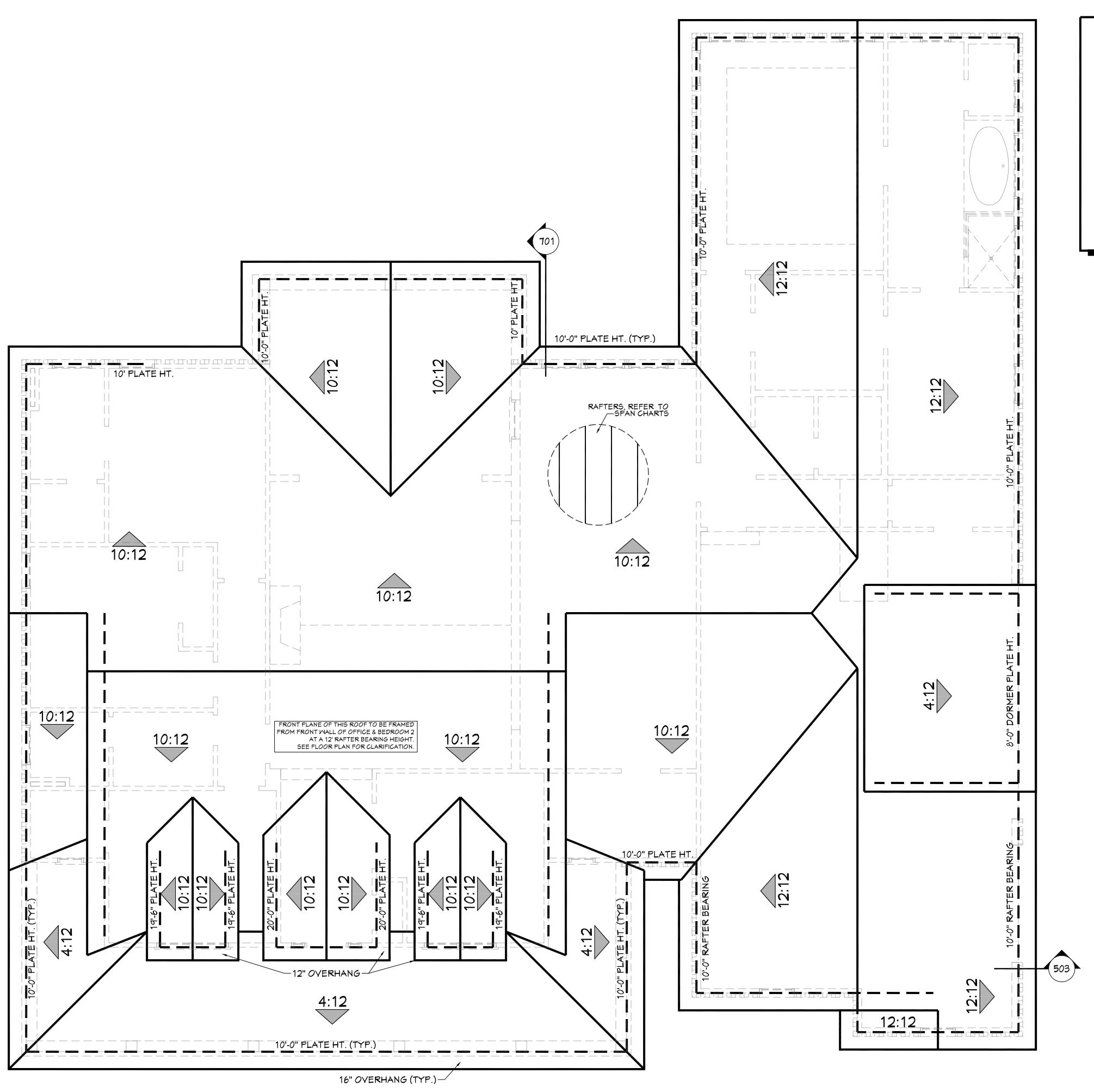
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ROOF PLAN NOTES:

HIP/ YALLEY CONVERSION

THEN HIP/ VALLEY RAFTER ROOF

PITCH BECOMES...
RISE/ RUN SLOPE

1/17 2/17

3/17

4/17

5/17

6/17

7/17

8/17

9/17

10/17

11/17

22° 25°

IF COMMON RAFTER ROOF

2/12

3/12

4/12

5/12

7/12

8/12 9/12

11/12

14°

23°

30°

37°

42°

CONVERSION CHART FOR SIMPLE ROOFS ONLY. CHART DOES NOT APPLY FOR DUAL PITCH ROOFS.

- 1. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AT SITE.
- 2. ALL RIDGE BEAMS, HIP RAFTERS, & VALLEY RAFTERS TO BE 2" X 10", No.2 S.Y.P. OR AS REQ'D BY ENGINEER.
- 3. ALL RAFTERS TO BE SIZED AS PER SPAN CHART.
- CONTRACTOR TO WATERPROOF ALL ROOF INTERSECTIONS AS PER CODE.
- 5. CONTRACTOR TO YERIFY ALL ROOF PITCHES WITH EXTERIOR ELEVATIONS PRIOR TO CONSTRUCTION.
- 6. CONTRACTOR TO PROVIDE ADEQUATE ROOF VENTILATION AS REQ'D BY CURRENT CODES.
- 7. ALL ROOF PENETRATIONS TO BE ON SIDES OR REAR OF RESIDENCE. ALL PVC VENTS SHALL BE PAINTED BLACK OR TO MATCH ROOFING.

RAFTER SPANS

RAFTER SPANS FOR SOUTHERN PINE SPECIES LIVE LOAD=30psf, L/\(\triangle = 180\) DEAD LOAD = 10psf

SIZE	SPACING (INCHES)	SPANS (MAXIMUM RAFTER SPANS BETWEEN BRACING) (FT IN.)
	12.0	12-11
×	16.0	11-2
\ \hat{\dagger}	19.2	10-2
()	24.0	9-2
	12.0	16-4
8	16.0	14-2
×	19.2	12-11
7	24.0	11-7
	12.0	19-5
x 10	16.0	16-10
×	19.2	15-4
7	24.0	13-9
2	12.0	22-10
2×12	16.0	19-10
	19.2	18-1
	24.0	16-2

NOTES:

RAFTER LENGTH CHART **ROOF PITCH** 3/12 1.05 4/12 1.07 5/12 1.10 6/12 1.14 7/12 1.17 8/12 1.20 9/12 1.25 10/12 11/12 12/12 14/12 16/12

MULTIPY HORIZONTAL SPAN OF MEMBER BY FACTOR. CHOOSE APPROPRIATE FACTOR BY ROOF PITCH.

CEILING JOIST SPANS

The above tables are based on the IRC 2015 TABLE R802.5.1(3)

CEILING JOIST SPANS FOR SOUTHERN PINE SPECIES (UNINHABITABLE ATTICS WITHOUT STORAGE, LIVE LOAD = 20psf, LA =240) DEAD LOAD = 10psf

IF HABITABLE ATTIC SPACE OR STORAGE IS DESIRED, REFER TO THE INTERNATIONAL RESIDENTIAL CODE, SPAN TABLES.

SIZE	SPACING (INCHES)	VISUALLY GRADED #2 SOUTHERN PINE (MAXIMUM CEILING JOIST SPANS) (FT IN.)		
	12.0	9-3		
2×4	16.0	8-0		
- ^ 1	19.2	7-4		
	24.0	6-7		
	12.0	13-11		
2×6	16.0	12-0		
2 ^ 0	19.2	11-0		
	24.0	9-10		
	12.0	17-7		
2×8	16.0	15-3		
2 × 0	19.2	13-11		
	24.0	12-6		
	12.0	20-11		
2 × 10	16.0	18-1		
2 x 10	19.2	16-6		
	24.0	14-9		
NOTES:				

The above tables are based on the IRC 2015 TABLE R802.4(2)



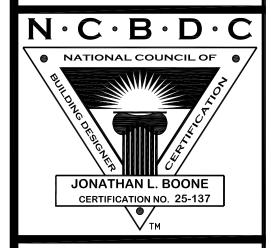


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opment of these plans and the completion of these cote specific conditions. House Plan Zone, LLC. assumn errors, omissions or deficiencies in the design.

C. has exercised great care and effort in the development of the great variance in building codes and site special manages, including structural failures resulting from error. C. highly recommends that these plans be reviewed by a building officials prior to construction.

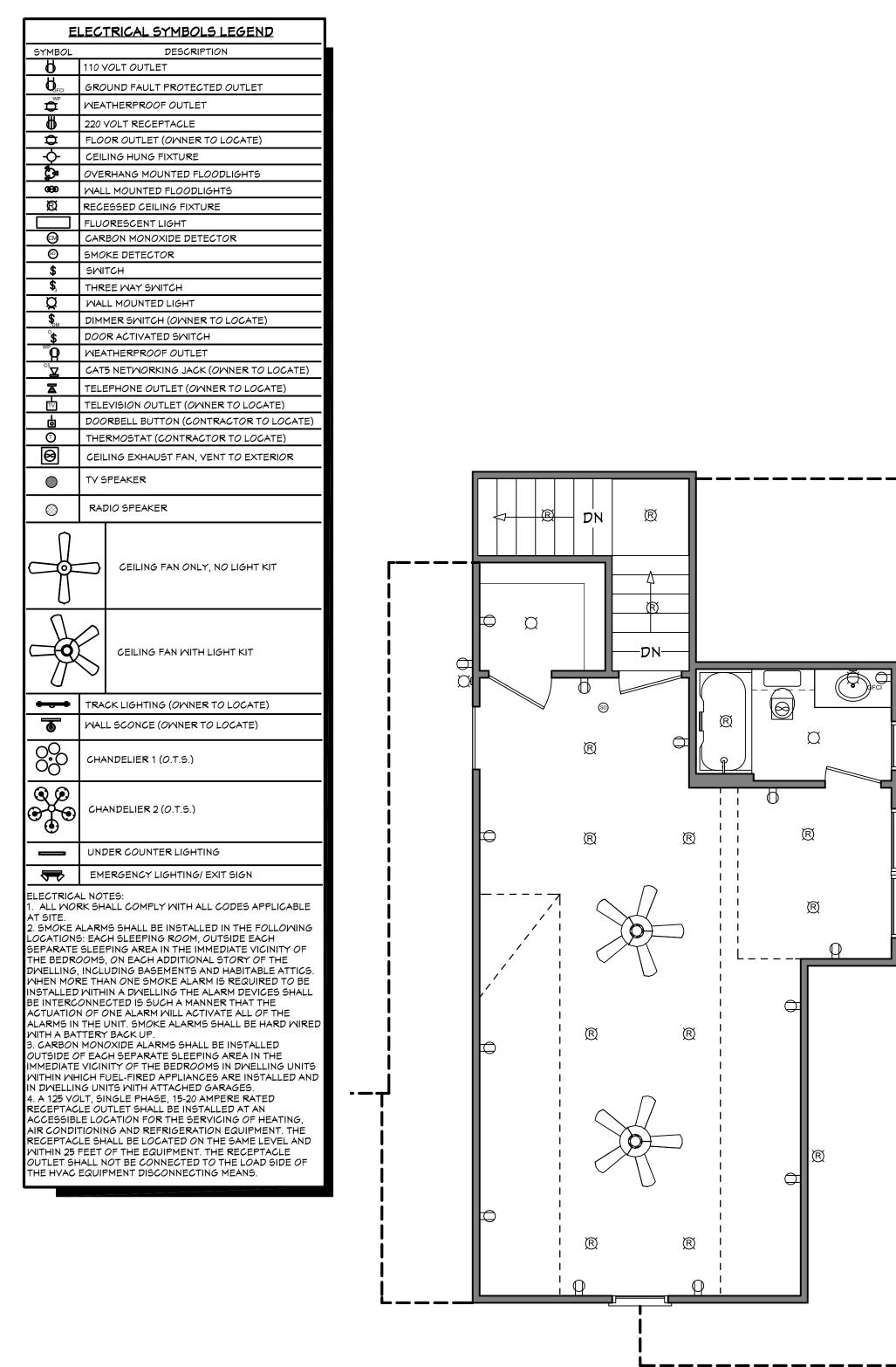
บลte: 07.25.18

Drawn By: J.A.B.

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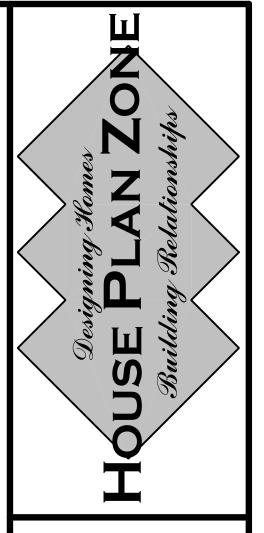


MAIN FLOOR ELECTRICAL LAYOUT

NOTE: SMITCHES AND ELECTRICAL CONNECTIONS NOT SHOWN. OWNER TO LOCATE THESE ITEMS DURING ELECTRICAL WALK-THROUGH WITH ELECTRICAL CONTRACTOR.

BONUS ROOM ELECTRICAL LAYOUT

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

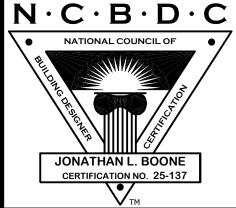


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