



# House Plan Zone, LLC.

www.HPZplans.com  
 Phone: 601.336.3254  
 Email: sales@hpzplans.com  
 Fax: 1-800-574-1387



## BB-2230

- CONCRETE PAVING PAD 3 CAR @ WALK TO FRONT DOOR
- DOOR ZONE @ GARAGE MAIN DOOR
- FLOOR DECO BEAMS IN LIVING ROOM
- WOOD SHELVES IN MASTER CLOSET & PANTRY
- TANKLESS WATER HEATER
- ELECTRIC FIREPLACE @ MANTLE IN LIVING ROOM
- ADDED 220/240V OUTLET NEAR CIRCUIT BREAKERS

COVERG COVERING	PLATE
CS CRAWL SPACE	PLYND PLYWOOD
DECO DECORATIVE	PLYND PLYWOOD
DET DETAIL	POLY POLYETHYLENE
DIA DIAMETER	PSI POUNDS PER SQUARE INCH
DPI DISHWASHER	PRE-FAB PREFABRICATED
DPL DOUBLE	RE REFERENCE
DR DRUGS FIR	REF REFRIGERATOR
EA ENCH	RES RESISTANCE
ELEV ELEVATION	RA RETURN AIR
ENG ENGINEER	R.A.G. RETURN AIR GRILLE
FT FEET	REQD REQUIRED
F.F.L FINISHED FLOOR LINE	SCR SCREEN
FIN FINISH	SHLS SHELVES
F.C FIRE CODE	SHR SHOWER
F.LR FLOOR	SHWR SHOWER
FTG FOOTING	SST SHIPSON STRONGS TIE
FOUND FOUNDATION	SPS SOUTHERN PINE
FOU FOUNDATION	SPEC SPECIFICATIONS
FR FREEZER	SG SQUARE
GA GAUGE	S.F. SQUARE FOOTAGE
GALV GALVANIZED	STL STEEL
GYP GYPSUM	THK THICK
HDR HEADER	THK THICKNESS
HVAC HEATING VENTILATION & AIR CONDITIONING	TBD TO BE DETERMINED
HT HEIGHT	TR TRANSOM
HTS HEIGHTS	TYP TYPICAL
HORIZ HORIZONTAL	U.T.C. UNDER THE COUNTER
IN INCHES	UTL UTILITY
INCL INCLUDE	VAN VANITY
INSUL INSULATION	VEKY VERTICAL
	WATER HEATER
	W WASH
	WT WEIGHT
	WINDOWN
	W.M. WIRE MESH
	W W/TH
	WOOD
	WOOD FRAME
	CONSTRUCTION MANUAL

**CODE DISCLAIMER:**  
 1. THESE PLANS WERE DESIGNED TO MEET IRC 2018 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 2018 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.

APPROVED  
 Limited building only review  
 Permit holder responsible for  
 full compliance with the code

**A**  
**B D**®

NOTICE TO CONTRACTOR  
 All construction must comply with  
 current NC Building Codes and is subject  
 to full inspection and verification

AF  
 SF 02104-0229  
 HARNETT COUNTY CENTRAL PERMITTING  
 APPLICATION # 512  
 JOB NAME 41512021  
 DATE PLANS RECEIVED 8/21  
 SITE PLANS APPROVED 8/21  
 APPROVED BY [Signature]

**SHEET INDEX:**

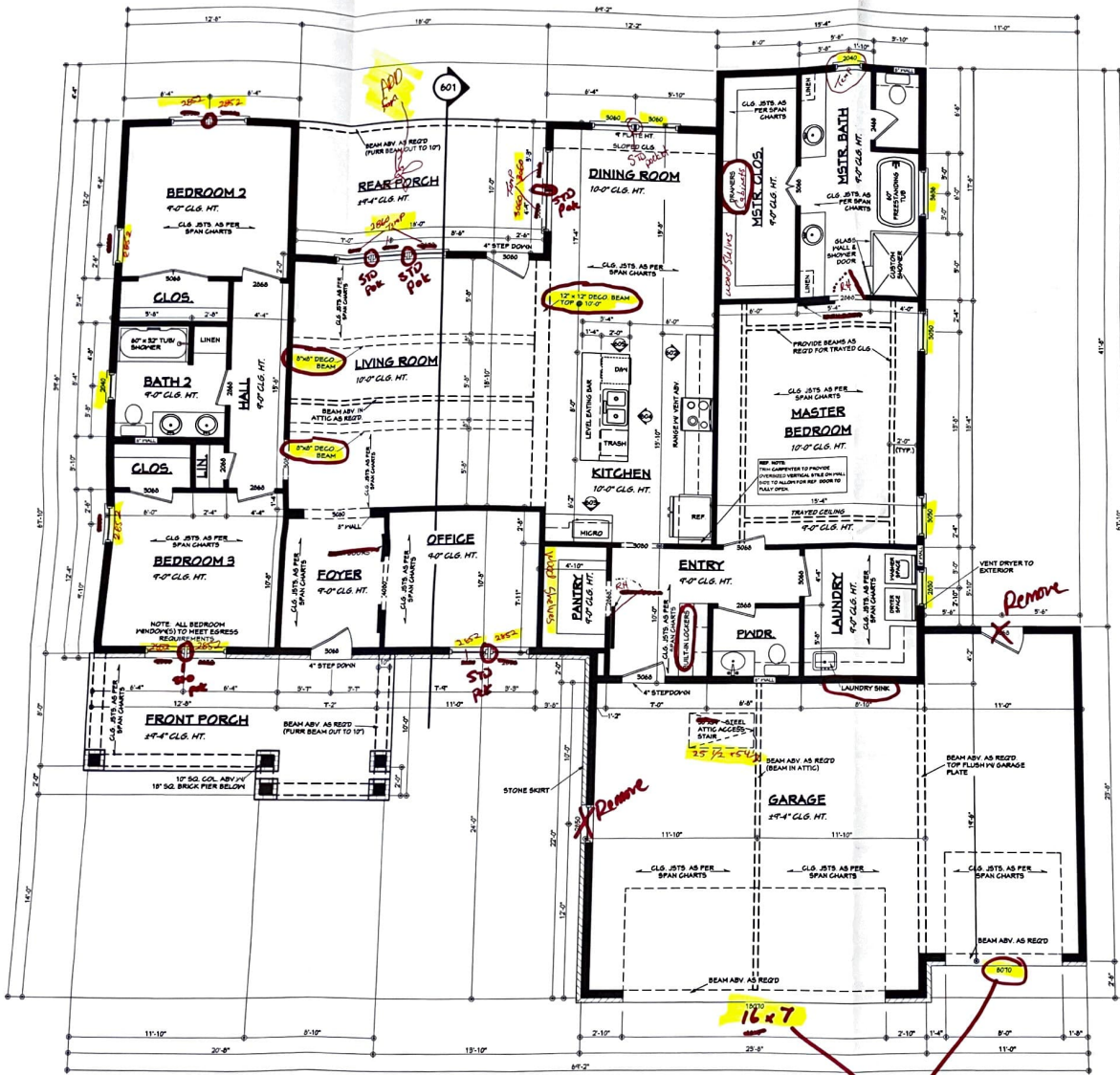
- 1 COVER SHEET
- 2 FOUNDATION PLAN
- 3 FLOOR PLAN
- 4 EXTERIOR VIEWS
- 5 EXTERIOR VIEWS
- 6 SECTION & CAB. VIEWS
- 7 ROOF PLAN
- 8 ELECTRICAL PLAN

2x6 EXTERIOR WALLS

51821 HZ  
 165 Beechleaf Court - Robbins

N.C.B.D.C.  
 NATIONAL COUNCIL OF  
 BUILDING DESIGN PROFESSIONALS  
 JONATHAN L. BOONE  
 CERTIFICATION NO. 25-137  
 Date: 10.21.19  
 Drawn By: B.L.L.  
 SHEET NUMBER  
**1**





- All 2x6 EXT WALLS

Garage Doors

**NOTES:**

1. ALL DIMENSIONS & SITE CONDITIONS TO BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
2. ALL FINISHED 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 THAN 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 2018, R312.1.1 & R312.1.2
8. M1505.1.2 APPLIANCES IN ATTICS CONTAINING APPLIANCES SHALL BE PROVIDED WITH AN OPENING AND CLEAR UNOBSTRUCTED PASSAGEWAY LARGE ENOUGH TO ALLOW REMOVAL OF THE LARGEST APPLIANCE, BUT NOT LESS THAN 30 INCHES HIGH AND 22 INCHES WIDE AND APPLIANCE, BUT 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 PROVIDED 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.
9. EXCEPTIONS:
  - a. IF 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 30 FEET LONG.
10. 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 LEVEL HORING SPACE AT LEAST 30 INCHES DEEP AND 30 INCHES WIDE SHALL BE PROVIDED IN FRONT OF THE CONTROL SIDE TO SERVICE AN APPLIANCE. M1505.1.1
11. 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 2018 R310.2.1. EXCEPTION: GRADE FLOOR OR BELOW GRADE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5.7 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.
12. ALL RETURN AIR GRILLS ARE TO BE LOCATED TO COMPLY WITH SECTION M1603 OF THE IRC 2018.
13. ALL SQUARE FOOTAGE MEASUREMENTS ARE APPROXIMATE AND MAY DIFFER FROM ACTUAL. CONSTRUCTED RESIDENCE OR BUILDING.
14. FIRE SPRINKLER SYSTEM TO BE DESIGNED AND INSTALLED (IF REQUIRED BY LOCAL CODES) AS PER THE IRC 2018 AND BY A LICENSED PROFESSIONAL IN THE AREA OF CONSTRUCTION.
15. ALL BATHROOM EXHAUST VENTS SHALL BE VENTED DIRECTLY TO THE EXTERIOR OF THE HOME AND NOT INTO THE ATTIC. IRC 2018, M1509.2

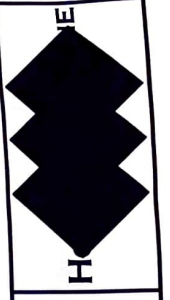
**NOTES:**

1. 2 X 6 EXTERIOR WALLS ARE SHOWN.
2. CONTRACTOR TO LOCATE WATER HEATER AND HVAC UNITS AT SITE

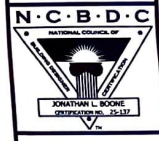
**BB-2230 FLOOR PLAN**

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

AREAS:	S.F.	HEATED - FIRST FLOOR
781	S.F.	UNHEATED - GARAGE
183	S.F.	UNHEATED - FRONT PORCH
180	S.F.	UNHEATED - REAR PORCH
1144	S.F.	TOTAL - UNHEATED
9375	S.F.	TOTAL - UNDER FOOT



Website:  
www.HPZplans.com  
Email:  
sales@hpzplans.com  
Phone:  
601.336.3254  
Fax:  
1.800.574.1387



Pre-Drawn Plan ID:

**BB-2230**

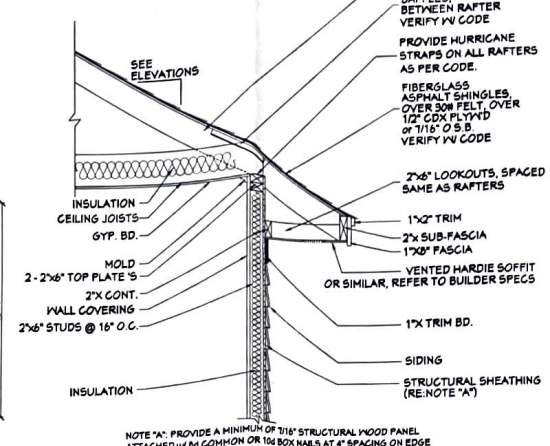
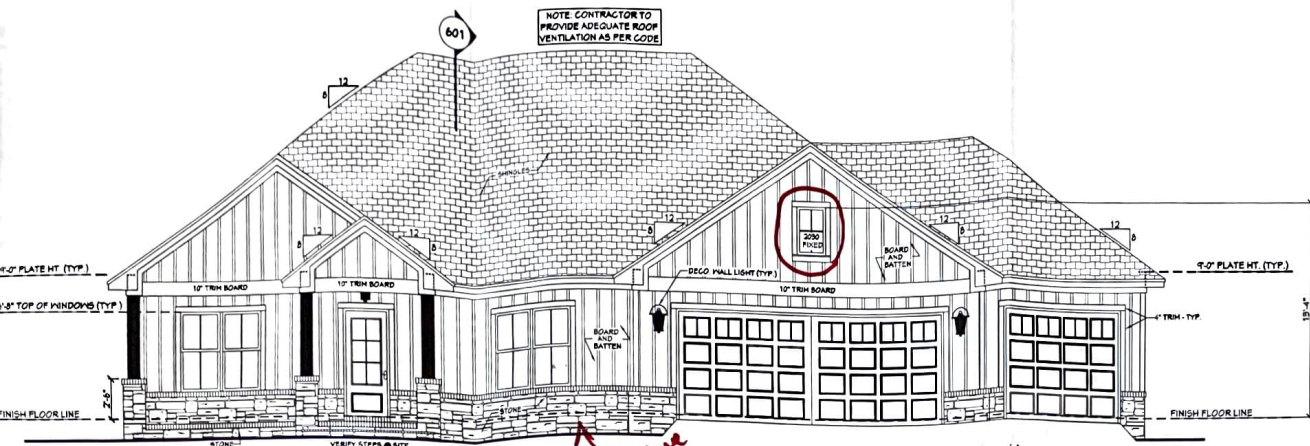
Date: 10.21.19

Drawn By: B.L.L.

Project Name:

SHEET NUMBER

**3**



401 FRONT VIEW SCALE 1/4" = 1'-0"

*NO Stone Brick Slabs on Grade*

403 TYP. CORNICE DETAIL SCALE 3/4" = 1'-0"

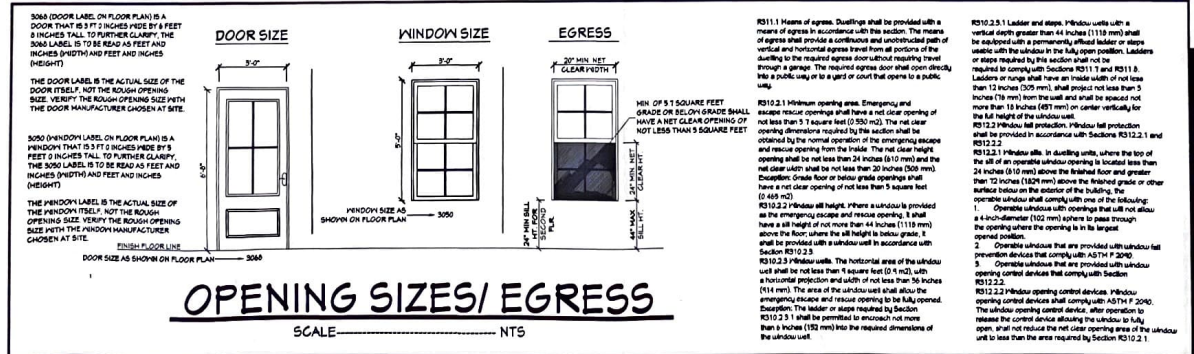
**EXTERIOR ELEVATION NOTES:**

1. CONTRACTOR TO VERIFY ALL WINDOW AND DOOR STYLES AND SIZES WITH OWNER PRIOR TO CONSTRUCTION.
2. PROVIDE STEPS AND GUARD RAILS AS PER CODE BASED ON SITE CONDITIONS.
3. GROUND LINES SHOWN FOR REFERENCE ONLY AND VARY DEPENDING ON SITE CONDITIONS.
4. ALL FINISH MATERIALS TO BE VERIFIED WITH OWNER PRIOR TO CONSTRUCTION.
5. REFER TO TYPICAL WALL DETAIL FOR FRAMING METHODS AND OTHER MISC. INFORMATION.
6. CONTRACTOR TO PROVIDE ADEQUATE ROOF VENTILATION AS REQ'D BY CURRENT CODES.



402 REAR VIEW SCALE 1/4" = 1'-0"

*All 2x6 Ext walls*



**HPZ**

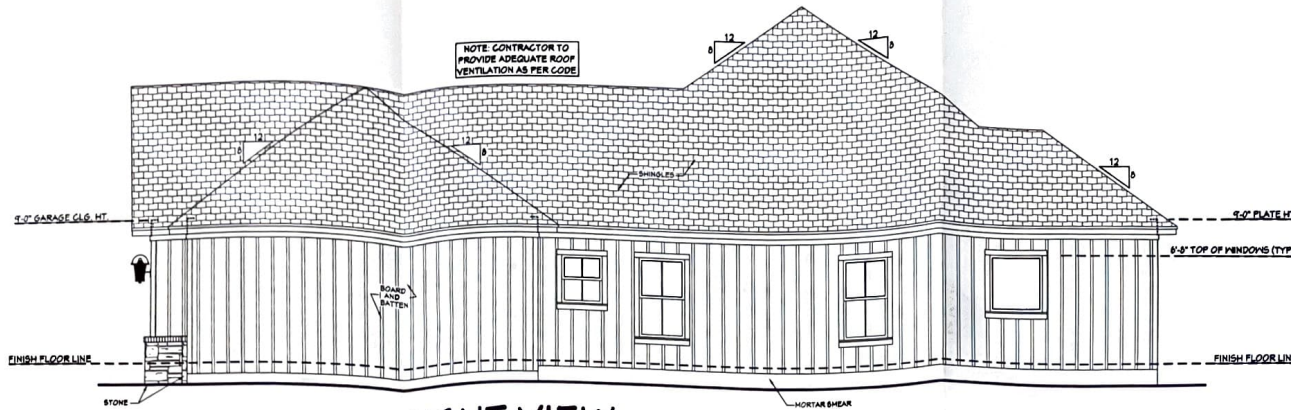
Website: [www.HPZplans.com](http://www.HPZplans.com)  
 Email: [sales@hpzplans.com](mailto:sales@hpzplans.com)  
 Phone: 601.336.3254  
 Fax: 1.800.574.1387

**N.C.B.D.C.**  
 NATIONAL COUNCIL OF  
 BUILDING DRAWERS  
 JONATHAN L. BOONE  
 CERTIFICATION NO. 25-137

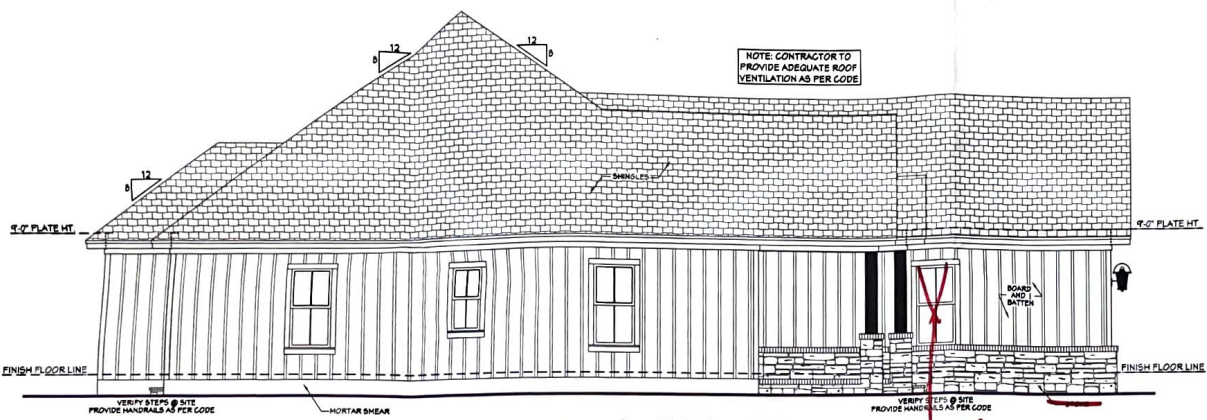
Pre-Drawn Plan ID: **BB-2230**

Date: 10.21.19  
 Drawn By: B.L.L.

SHEET NUMBER  
**4**



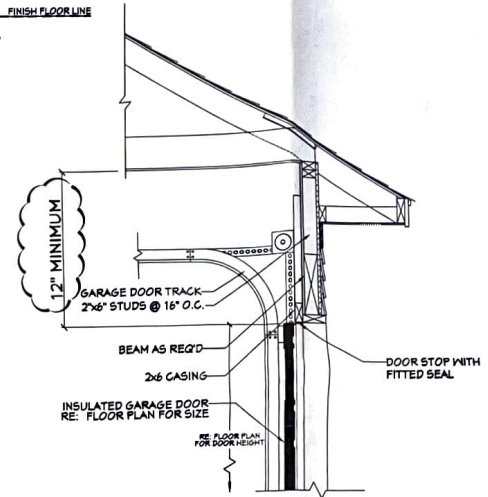
**501 RIGHT VIEW**  
SCALE 1/4" = 1'-0"



**502 LEFT VIEW**  
SCALE 1/4" = 1'-0"

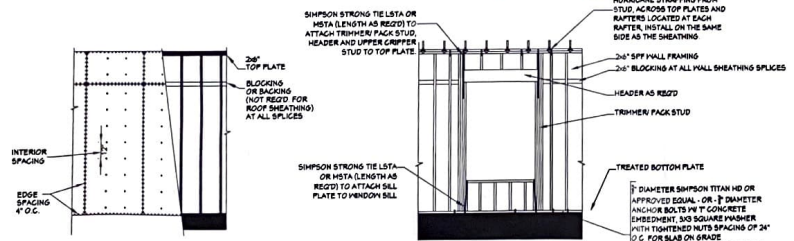
**EXTERIOR ELEVATION NOTES:**

1. CONTRACTOR TO VERIFY ALL WINDOW AND DOOR STYLES AND SIZES WITH OWNER PRIOR TO CONSTRUCTION.
2. PROVIDE STEPS AND GUARD RAILS AS PER CODE BASED ON SITE CONDITIONS.
3. GROUND LINES SHOWN FOR REFERENCE ONLY AND VARY DEPENDING ON SITE CONDITIONS.
4. ALL FINISH MATERIALS TO BE VERIFIED WITH OWNER PRIOR TO CONSTRUCTION.
5. REFER TO TYPICAL WALL DETAIL FOR FRAMING METHODS AND OTHER MISC. INFORMATION.
6. CONTRACTOR TO PROVIDE ADEQUATE ROOF VENTILATION AS REQ'D BY CURRENT CODES.



**503 GARAGE DOOR CLEARANCE**  
SCALE N.T.S.

THE INTENT OF THIS DETAIL IS TO SHOW THE MINIMUM REQUIRED DISTANCE FROM THE TOP OF THE GARAGE DOOR OPENING TO THE CEILING OF THE GARAGE.



**504 WALL/ROOF FASTENING DETAILS**  
SCALE 1/4" = 1'-0"

**NAIL SIZE SPACING FOR WALL SHEATHING**

8d NAILS  
MIN. OF 116" O.S.B.  
EDGE SPACING = 4" O.C.  
INTERIOR SPACING = 12" O.C.

**NAIL SIZE SPACING FOR ROOF SHEATHING**

8d NAILS  
MIN. OF 116" O.S.B.  
EDGE SPACING = 4" O.C.  
INTERIOR SPACING = 4" O.C.

- NOTES:**
1. ALL EXTERIOR SHEATHING TO EXTEND FROM BOTTOM OF BOTTOM PLATE TO THE TOP OF THE TOP PLATE.
  2. PROVIDE 2x4 OR GREATER COLLAR TIES ON EACH RAFTER IN THE UPPER THIRD OF ATTIC AND ATTACHED TO RAFTERS WITH 3-16d NAILS ON EACH SIDE.
  3. SHINGLES OR OTHER ROOF MATERIALS TO BE FASTENED AS PER MANUFACTURERS INSTRUCTIONS FOR HIGH WIND APPLICATIONS.
  4. EXTERIOR WALL FINISHES TO BE INSTALLED AS PER MANUFACTURERS INSTRUCTIONS BASED ON HIGH WIND APPLICATIONS.

*Remove All 2x6 Ext Walls*



Website:  
www.HPZplans.com  
Email:  
sales@hpzplans.com  
Phone:  
601.336.3254  
Fax:  
1.800.574.1387



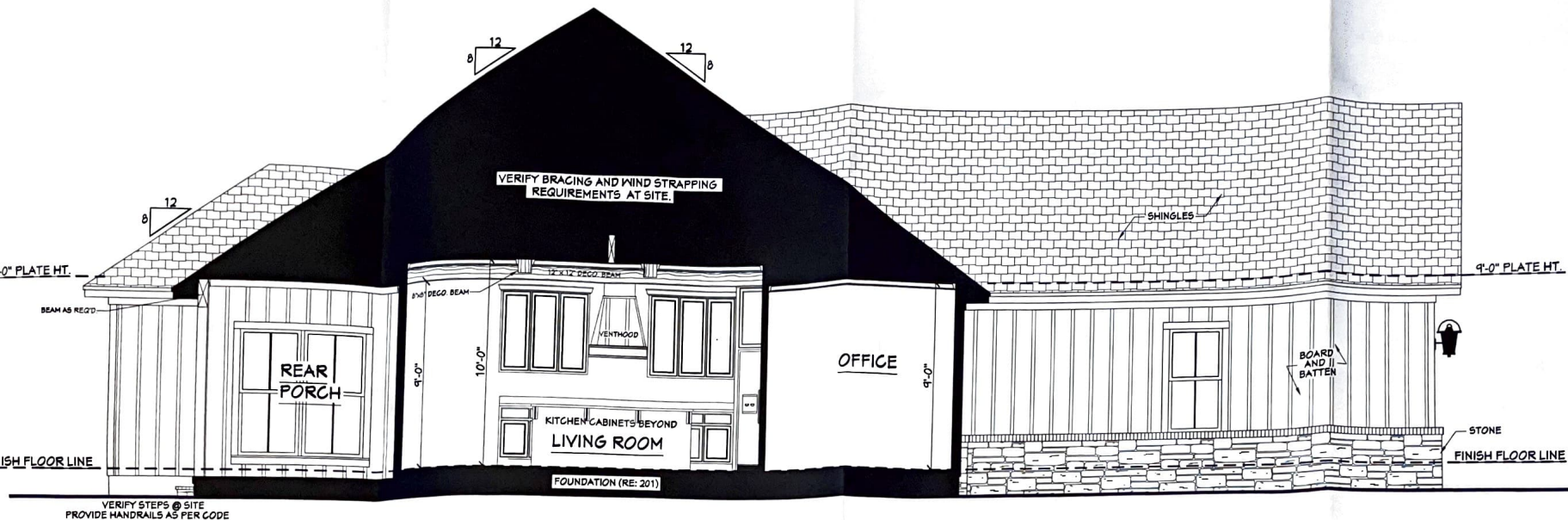
Pre-Drawn Plan ID:

**BB-2230**

Date: 10.21.19  
Drawn By: B.L.L.

SHEET NUMBER  
**5**

HPZ Plans, LLC has prepared this set of plans and the contractor shall be responsible for the development of means and methods of construction. The contractor shall be responsible for obtaining all necessary permits and for the accuracy of all information on these plans. The contractor shall be responsible for the accuracy of all information on these plans. The contractor shall be responsible for the accuracy of all information on these plans. The contractor shall be responsible for the accuracy of all information on these plans.



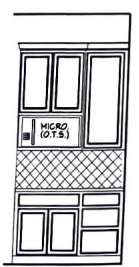
**601 CROSS SECTION**  
SCALE: 3/8" = 1'-0"

**CROSS SECTION NOTES:**  
 1. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AT SITE.  
 2. ALL RIDGE BEAMS, HIP RAFTERS, & VALLEY RAFTERS TO BE 2" x 10", OR AS REQ'D BY ENGINEER.  
 3. CONTRACTOR TO PROVIDE RAFTER BRACING TO MEET APPLICABLE CODES.  
 4. CONTRACTOR TO THOROUGHLY WATERPROOF ALL EXTERIOR INTERSECTIONS AS PER CODE AND TYPICAL BUILDING PRACTICES.  
 5. ALL BEAMS TO BE SIZED BY A LICENSED STRUCTURAL ENGINEER.  
 6. ALL LUMBER SIZES AND SPACING TO BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.  
 7. CONTRACTOR TO PROVIDE ADEQUATE ROOF VENTILATION AS REQ'D. BY CURRENT CODES.

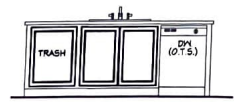
*All 2x6 Ext Walls*



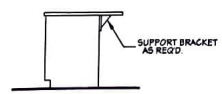
**602 KITCHEN**  
SCALE: 3/8" = 1'-0"



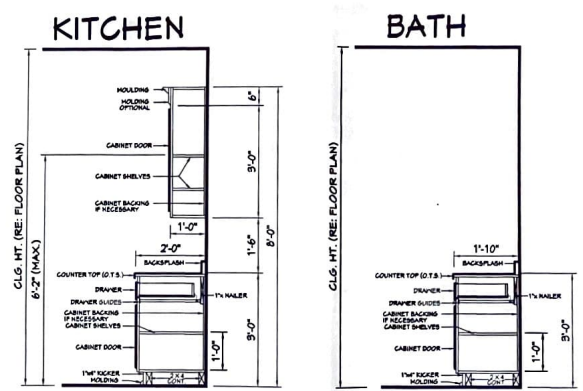
**603 KITCHEN**  
SCALE: 3/8" = 1'-0"



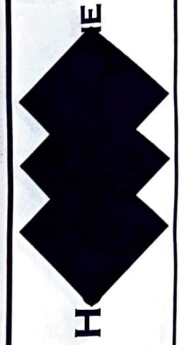
**604 KITCHEN**  
SCALE: 3/8" = 1'-0"



**605 KITCHEN**  
SCALE: 3/8" = 1'-0"



**606 TYP. CAB. SECTIONS**  
SCALE: N.T.S.



Website:  
 Email: sales@hpszplans.com  
 Phone: 601.336.3254  
 Fax: 1.800.574.1387

**N.C.B.D.C.**  
 NATIONAL COUNCIL OF  
 PROFESSIONAL DRAWING ENGINEERS

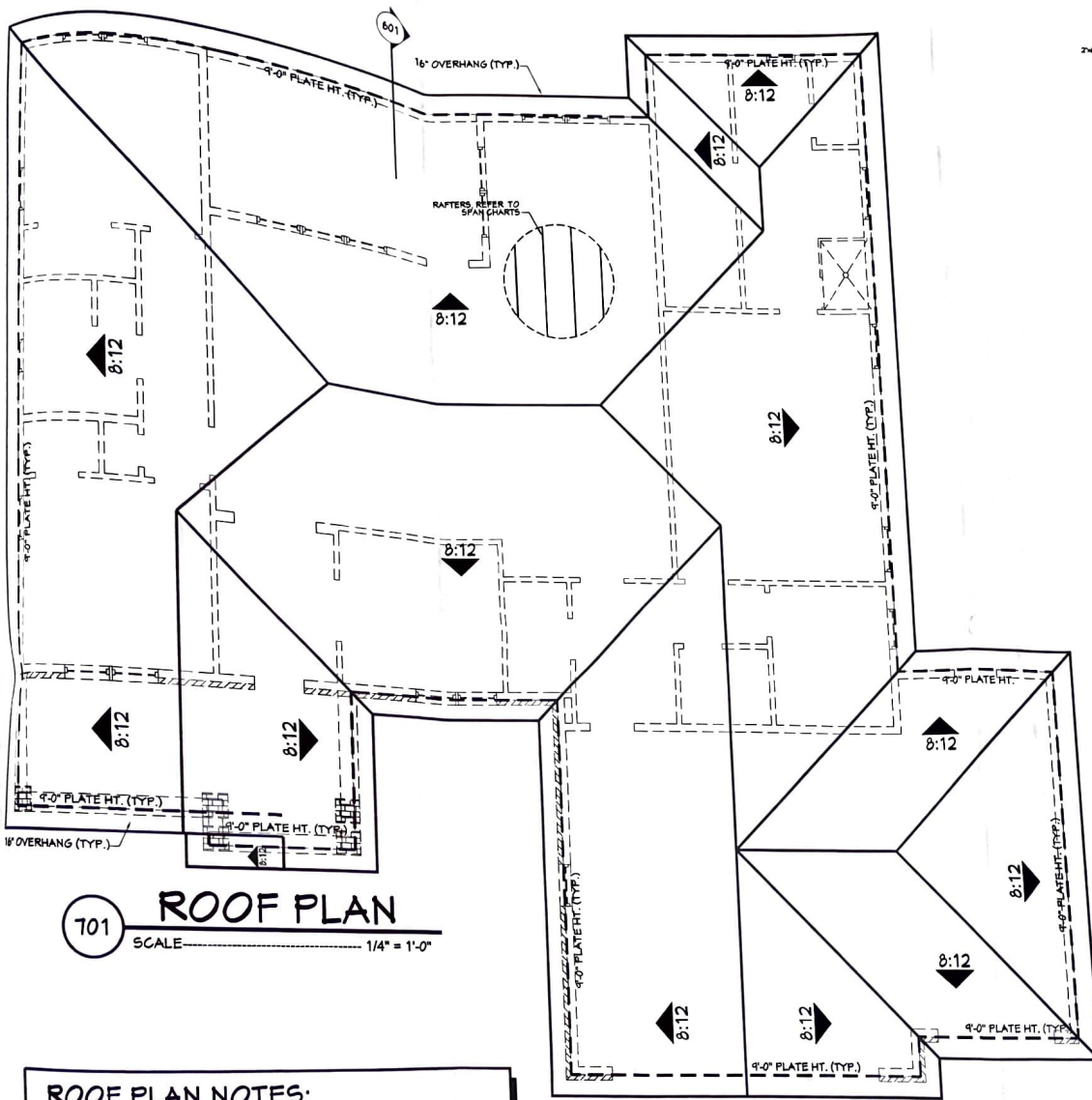
JONATHAN L. BOONE  
 CERTIFICATION NO. 25-137

Pre-Drawn Plan ID:  
**BB-2230**

Date: 10.21.19  
 Drawn By: B.L.L.

SHEET NUMBER  
**6**

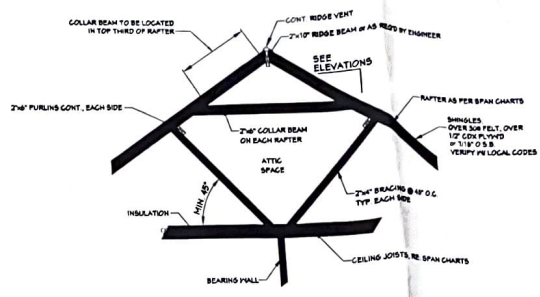
Jonathan L. Boone, P.E., is a registered Professional Engineer in the State of Mississippi. He is the author of the plans and the compiler of these specifications. He is not responsible for any errors or omissions in these specifications or drawings. The user of these specifications and drawings is advised to verify all dimensions and specifications with the local building department. The user of these specifications and drawings is advised to verify all dimensions and specifications with the local building department. The user of these specifications and drawings is advised to verify all dimensions and specifications with the local building department.



**701 ROOF PLAN**  
SCALE 1/4" = 1'-0"

- ROOF PLAN NOTES:**
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.
  4. CONTRACTOR TO WATERPROOF ALL ROOF INTERSECTIONS AS PER CODE.
  5. CONTRACTOR TO VERIFY ALL ROOF PITCHES WITH EXTERIOR ELEVATIONS PRIOR TO CONSTRUCTION.
  6. CONTRACTOR TO PROVIDE ADEQUATE ROOF VENTILATION AS REQ'D BY CURRENT CODES.

*All 2x6 Ext Walls*



**702 TYP. ROOF BRACING**  
SCALE N.T.S.

**HIP/VALLEY CONVERSION**

IF COMMON RAFTER ROOF PITCH IS		THEN HIP/VALLEY RAFTER ROOF PITCH BECOMES	
RISE/RUN	SLOPE	RISE/RUN	SLOPE
11/12	9°	11/11	9°
21/12	10°	21/11	7°
31/12	14°	5/11	10°
41/12	15°	4/11	15°
51/12	25°	5/11	16°
61/12	27°	6/11	14°
71/12	30°	7/11	22°
81/12	34°	8/11	25°
91/12	37°	9/11	25°
10/12	40°	10/11	30°
11/12	42°	11/11	33°
12/12	45°	12/11	35°

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

**RAFTER LENGTH CHART**

ROOF PITCH	FACTOR
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	1.30
11/12	1.35
12/12	1.40
14/12	1.54
16/12	1.70

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

**CEILING JOIST SPANS**

CEILING JOIST SPANS FOR SOUTHERN PINE SPECIES (UNINHABITABLE ATTICS WITH LIMITED STORAGE. LIVE LOAD = 20psf, L<sub>24</sub>=240) DEAD LOAD = 10psf)

\*\*\*IF HABITABLE ATTIC SPACE 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	4:3
2 x 4	12.0	8-0	
	14.2	7-4	
	24.0	6-7	
2 x 6	12.0	13-11	
	16.0	13-0	
	19.2	11-0	
	24.0	9-10	
	12.0	11-7	
2 x 8	16.0	15-3	
	19.2	13-11	
	24.0	12-8	
	12.0	20-11	
2 x 10	16.0	18-1	
	19.2	16-6	
	24.0	14-4	

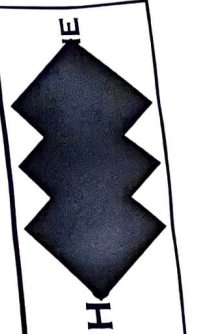
NOTES:  
The above tables are based on the IRC 2016 TABLE R802.5.1(2)

**RAFTER SPANS**

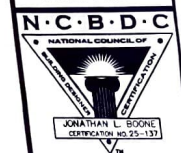
RAFTER SPANS FOR SOUTHERN PINE SPECIES (LIVE LOAD = 30psf, L<sub>24</sub>=180) DEAD LOAD = 10psf

SIZE	SPACING (INCHES)	SPANS (MAXIMUM RAFTER SPANS BETWEEN BRACING) (FT. - IN.)	
		2 x 6	2 x 8
2 x 6	12.0	12-11	
	16.0	11-2	
	19.2	10-2	
2 x 8	24.0	9-2	
	12.0	16-4	
	16.0	14-2	
	19.2	12-11	
2 x 10	24.0	11-7	
	12.0	19-5	
	16.0	16-10	
2 x 12	19.2	15-4	
	24.0	13-9	
	12.0	22-10	
	16.0	19-10	
2 x 14	19.2	18-1	
	24.0	16-2	

NOTES:  
The above tables are based on the IRC 2016 TABLE R802.4.1(5)



Website: [www.HPZplans.com](http://www.HPZplans.com)  
Email: [sales@hpzplans.com](mailto:sales@hpzplans.com)  
Phone: 601.336.3254  
Fax: 1.800.574.1387



JOHANNA L. STONG  
CERTIFICATION NO. 25-137

Pre-Drawn Plan ID: **BB-2230**

Date: 10.21.19  
Drawn By: B.L.L.

SHEET NUMBER





# ELECTRICAL PLAN

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

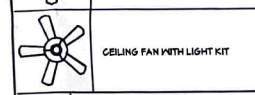
NOTE: SWITCHES AND CONNECTIONS NOT SHOWN. OWNER TO LOCATE THESE ITEMS DURING ELECTRICAL WALK-THROUGH WITH ELECTRICAL CONTRACTOR.

-All 2x6 EX wall 5

SYMBOL	DESCRIPTION
⊖	110 VOLT OUTLET
⊖	GROUND FAULT PROTECTED OUTLET
⊖	WEATHERPROOF OUTLET
⊖	220 VOLT RECEPTACLE
⊖	FLOOR OUTLET (OWNER TO LOCATE)
⊖	CEILING HUNG FIXTURE
⊖	OVERHANG MOUNTED FLOODLIGHTS
⊖	WALL MOUNTED FLOODLIGHTS
⊖	RECESSED CEILING FIXTURE
⊖	FLUORESCENT LIGHT
⊖	CARBON MONOXIDE DETECTOR
⊖	SMOKE DETECTOR
⊖	SWITCH
⊖	THREE WAY SWITCH
⊖	WALL MOUNTED LIGHT
⊖	DIMMER SWITCH (OWNER TO LOCATE)
⊖	DOOR ACTIVATED SWITCH
⊖	WEATHERPROOF OUTLET
⊖	CATS NETWORKING JACK (OWNER TO LOCATE)
⊖	TELEPHONE OUTLET (OWNER TO LOCATE)
⊖	TELEVISION OUTLET (OWNER TO LOCATE)
⊖	DOORBELL BUTTON (CONTRACTOR TO LOCATE)
⊖	THERMOSTAT (CONTRACTOR TO LOCATE)
⊖	CEILING EXHAUST FAN, VENT TO EXTERIOR
⊖	TV SPEAKER
⊖	RADIO SPEAKER



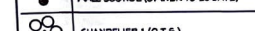
CEILING FAN ONLY, NO LIGHT KIT



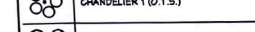
CEILING FAN WITH LIGHT KIT



TRACK LIGHTING (OWNER TO LOCATE)



WALL SCONCE (OWNER TO LOCATE)



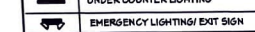
CHANDELIER 1 (O.T.S.)



CHANDELIER 2 (O.T.S.)

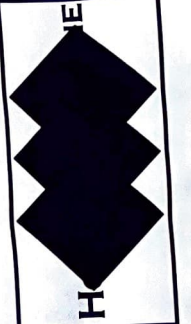


UNDER COUNTER LIGHTING



EMERGENCY LIGHTING/EXIT SIGN

**ELECTRICAL NOTES:**  
 1. ALL WORK SHALL COMPLY WITH ALL CODES APPLICABLE AT SITE.  
 2. SMOKE ALARMS SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS: EACH SLEEPING ROOM, OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS, ON EACH ADDITIONAL STORY OF THE DWELLING, INCLUDING BASEMENTS AND HABITABLE ATTICS. WHEN MORE THAN ONE SMOKE ALARM IS REQUIRED TO BE INSTALLED WITHIN A DWELLING THE ALARM DEVICES SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTIVATION OF ONE ALARM BELL ACTIVATE ALL OF THE ALARMS IN THE UNIT. SMOKE ALARMS SHALL BE HARD WIRED WITH A BATTERY BACK UP.  
 3. CARBON MONOXIDE ALARMS SHALL BE INSTALLED OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS IN DWELLING UNITS WITHIN HVAC FUEL-FIRED APPLANCES ARE INSTALLED AND IN DWELLING UNITS WITH ATTACHED GARAGES.  
 4. A 125 VOLT, SINGLE PHASE, 15-20 AMPERE RATED RECEPTACLE OUTLET SHALL BE INSTALLED AT AN ACCESSIBLE LOCATION FOR THE SERVICING OF HEATING, AIR CONDITIONING AND REFRIGERATION EQUIPMENT. THE RECEPTACLE SHALL BE LOCATED ON THE SAME LEVEL AND WITHIN 25 FEET OF THE EQUIPMENT. THE RECEPTACLE OUTLET SHALL NOT BE CONNECTED TO THE LOAD SIDE OF THE HVAC EQUIPMENT DISCONNECTING MEANS.



Website:  
[www.HPZplans.com](http://www.HPZplans.com)  
 Email:  
[sales@hpzplans.com](mailto:sales@hpzplans.com)  
 Phone:  
 601.336.3254  
 Fax:  
 1.800.574.1387



Pre-Drawn Plan ID:

BB-2230

Date: 10.21.19

Drawn By: B.L.L.

Project Name:

SHEET NUMBER

8