

## STANDARD ABBREVIATIONS

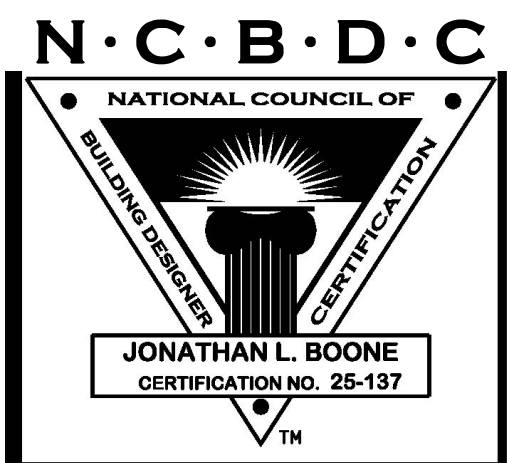
@	AT	LT.	LIGHT
#	FOUND(S)	LIN.	LINEN
APPROX.	APPROXIMATELY	MANUF.	MANUFACTURER
BASE.	BASEMENT	MAS.	MASONRY
B/T	BETWEEN	MAX.	MAXIMUM
BLK.	BLOCK	MTL.	METAL
BLKG.	BLOCKING	MIN.	MINIMUM
BD.	BOARD	N.I.C.	NOT IN CONTRACT
BRD.	BOARD	O.C.	ON CENTER
BOT.	BOTTOM	O/C	ON CENTER
BLDG.	BUILDING	OPT.	OPTIONAL
CAB.	CABINET	O.S.B.	ORIENTED STRAND BOARD
CLG.	CEILING	OTS	OWNER TO SELECT
CLR.	CLEAR	O.T.S	OWNER TO SELECT
CLOS.	CLOSET	P.G.	PAGE
COL.	COLUMN	PAN.	PANTRY
COLS.	COLUMNS	PL.	PLATE
CONC.	CONCRETE	P	PLATE
CMU	CONCRETE MASONRY UNIT	PLYND	PLYWOOD
C.U.	CONDENSOR UNIT	PLYND	PLYWOOD
CONN.	CONNECTION	POLY.	POLYETHYLENE
CONT.	CONTINUOUS	PSI	POUNDS PER SQUARE INCH
COVERG	COVERING	PRE-FAB	PREFABRICATED
CS	GRAVEL SPACE	RE:	REFERENCE
DECO.	DECORATIVE	REF	REFRIGERATOR
DET.	DETAIL	REINF.	REINFORCED
DIA.	DIAMETER	R	RESISTANCE
DW	DISHWASHER	R.A.	RETURN AIR
DBL.	DOUBLE	R.A.G.	RETURN AIR GRILLE
DF	DOUGLAS FIR	REQ'D	REQUIRED
D	DRYER	SCR	SCREEN
EA	EACH	SHLV.	SHELVES
ELEV.	ELEVATION	SHR.	SHOWER
ENG.	ENGINEER	SHWR.	SHOWER
FT.	FEET	SST.	SIMPSON STRONG TIE
F.F.L.	FINISHED FLOOR LINE	SP	SOUTHERN PINE
FIN.	FINISH	SPECS.	SPECIFICATIONS
F.C.	FIRE CODE	SQ.	SQUARE
FLR.	FLOOR	S.F.	SQUARE FOOTAGE
FTG.	FOOTING	STL.	STEEL
FOUND.	FOUNDATION	THK.	THICK
FND.	FOUNDATION	THK.	THICKNESS
FR.	FREEZER	TBD.	TO BE DETERMINED
GA.	GAUGE	TR.	TRANSOM
GALV.	GALVANIZED	TYP.	TYPICAL
GYP.	GYPSUM	U.T.C.	UNDER THE COUNTER
HDR.	HEADER	UTIL.	UTILITY
HVAC	HEATING VENTILATION & AIR CONDITIONING	VAN.	VANITY
HT.	HEIGHT	VERT.	VERTICAL
HTS.	HEIGHTS	WH	WATER HEATER
HORIZ.	HORIZONTAL	W	WASHER
IN.	INCHES	WT.	WEIGHT
INCL.	INCLUDE	WIN.	WINDOW
INSUL.	INSULATION	WM.	WIRE MESH
JT.	JOINT	W	W/TH
JST.	JOIST	WD.	WOOD
JSTS.	JOISTS	WFCM	WOOD FRAME CONSTRUCTION MANUAL



## PLAN 1500-1-A

### SHEET INDEX:

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



Date:

10/16/19

Drawn By:

R.B.W.

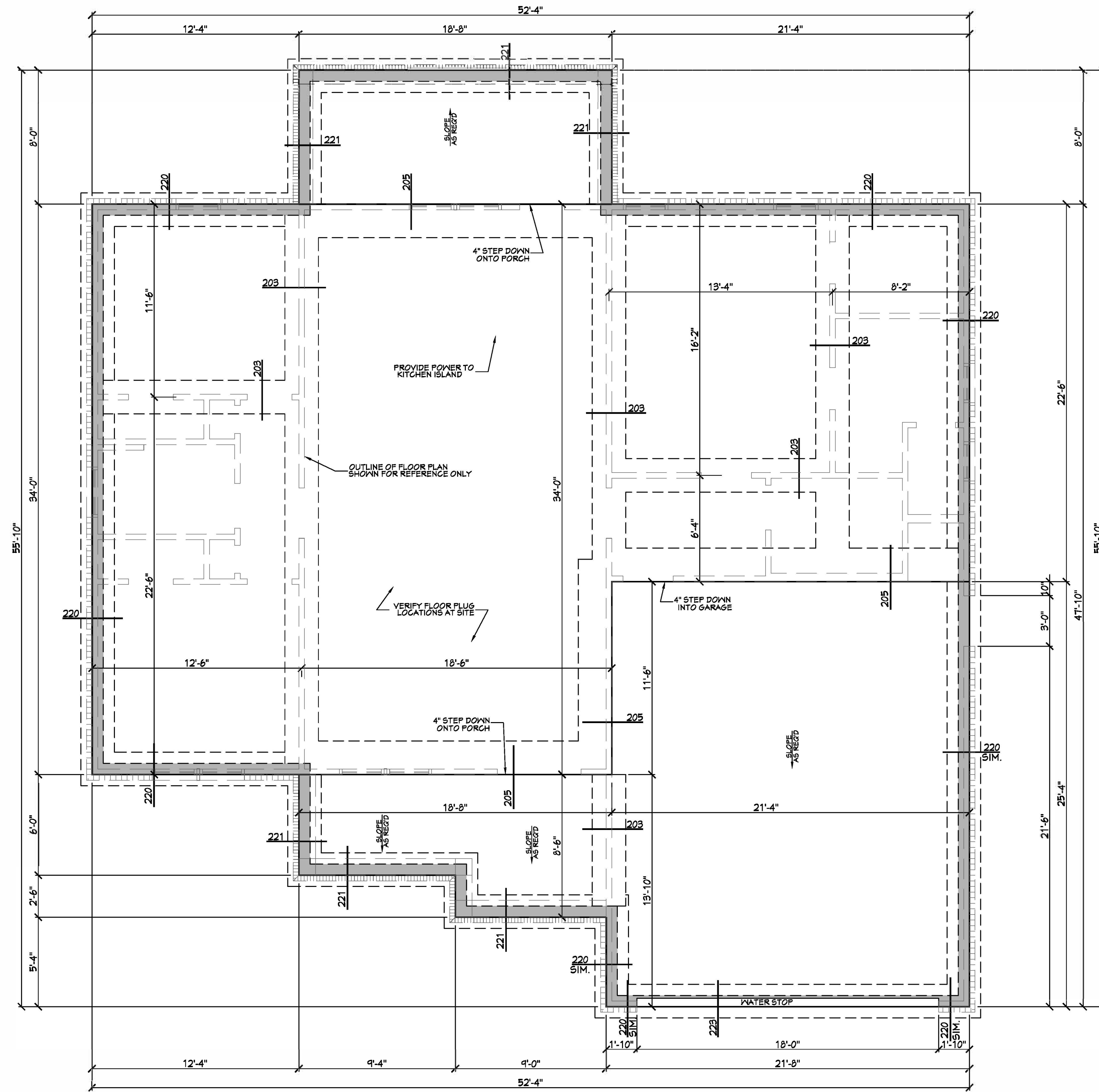
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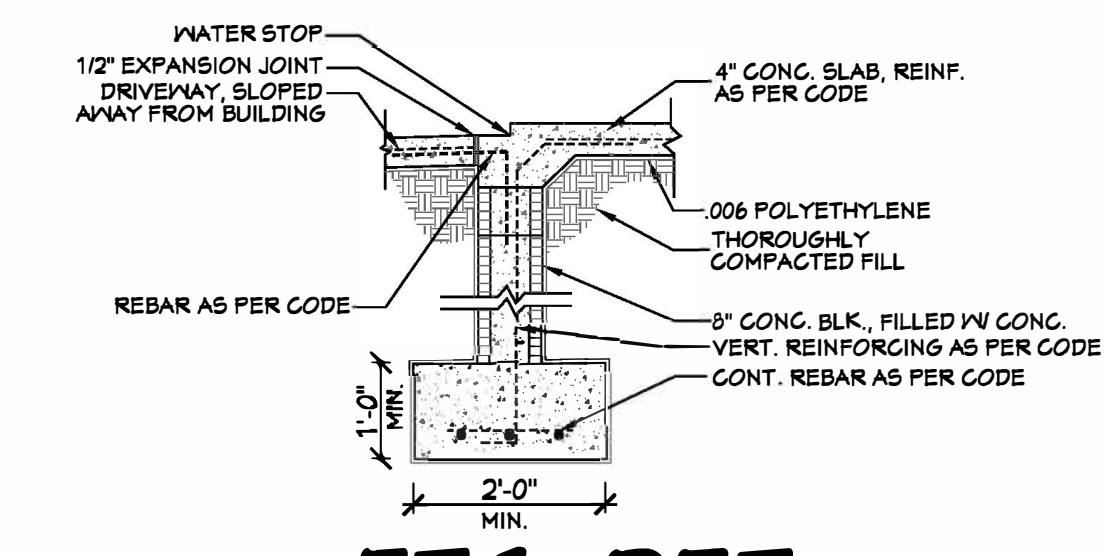
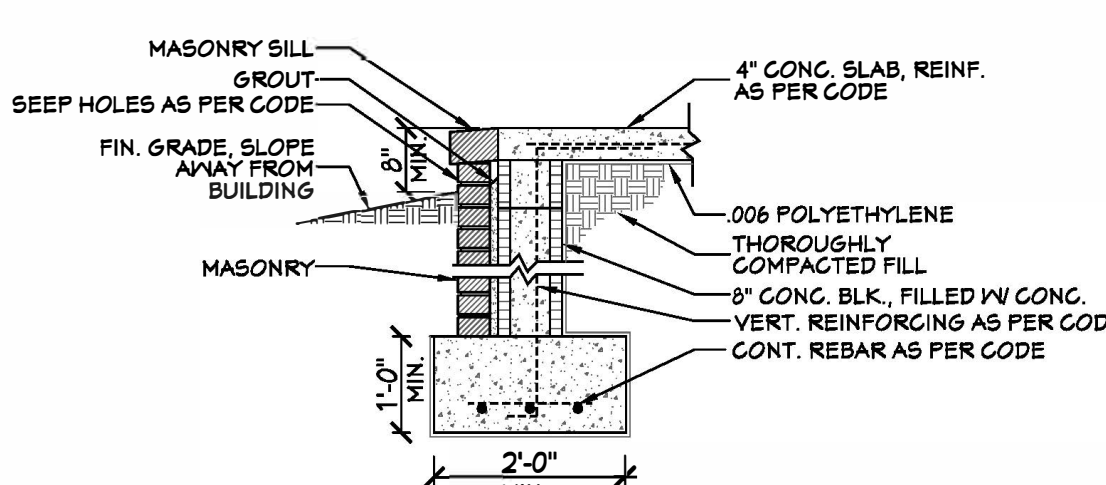
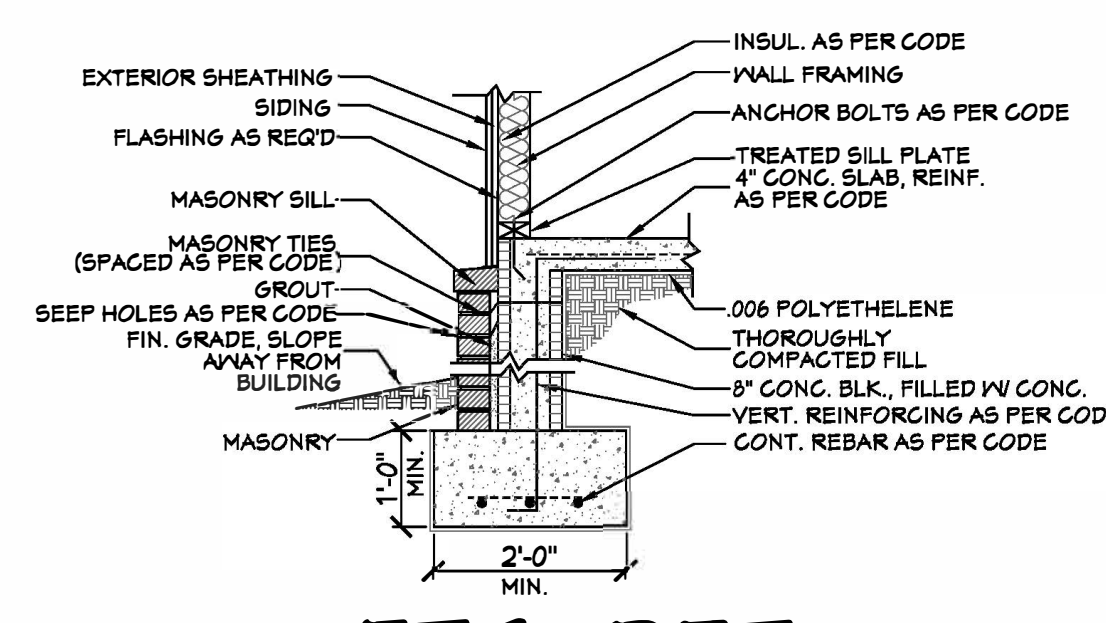
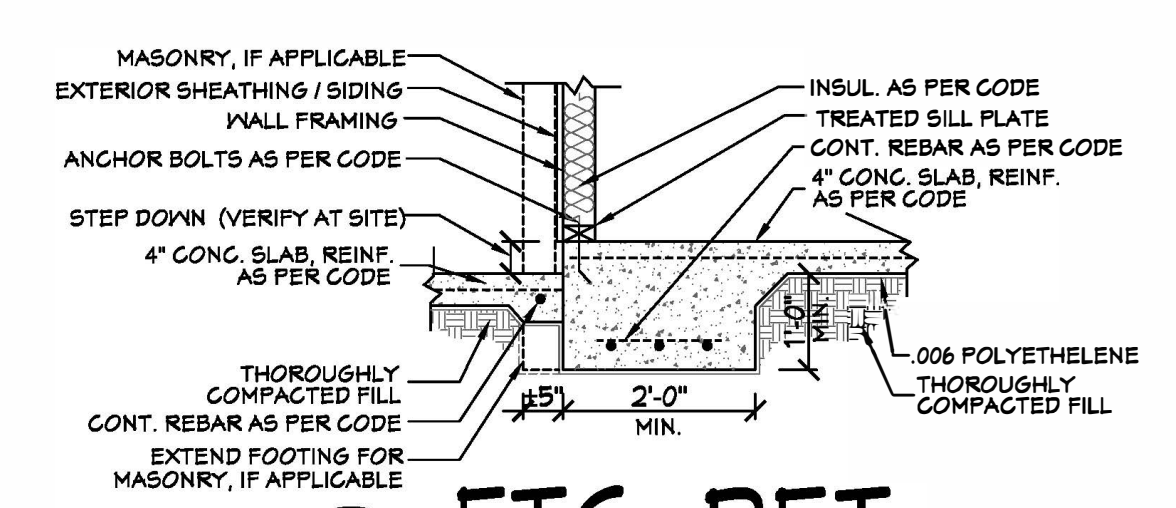
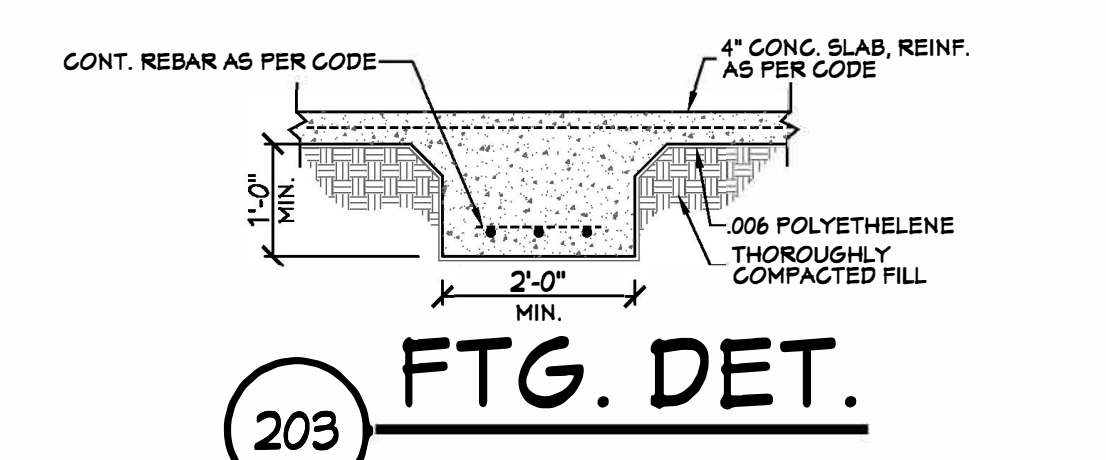


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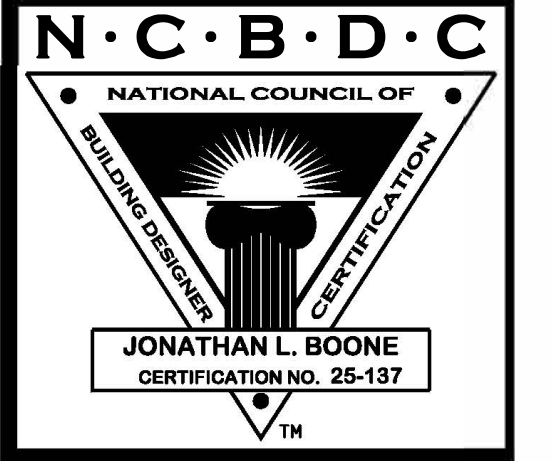


**201 FOUNDATION PLAN**  
SCALE: 1/4" = 1'-0"



- SLAB FOUNDATION NOTES:**
1. ALL FOOTING SIZES AND LOCATIONS TO BE VERIFIED BY A LICENSED STRUCTURAL ENGINEER.
  2. CONTRACTOR TO ADAPT PLANS AS REQUIRED TO MEET ALL APPLICABLE CODES AT SITE.
  3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH FLOOR PLAN PRIOR TO CONSTRUCTION AND MAKE ANY NECESSARY ADJUSTMENTS.
  4. CONTRACTOR TO PROVIDE WATERPROOFING AS REQ'D TO MEET ALL APPLICABLE CODES AND TYPICAL BUILDING PRACTICES.
  5. CONCRETE SLABS TO BE 4" (3000 psi MIN.), REINFORCED AS PER CODE OR AS DETERMINED BY LICENSED ENGINEER.

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Pre-Drawn Plan ID:  
**BB-1521**

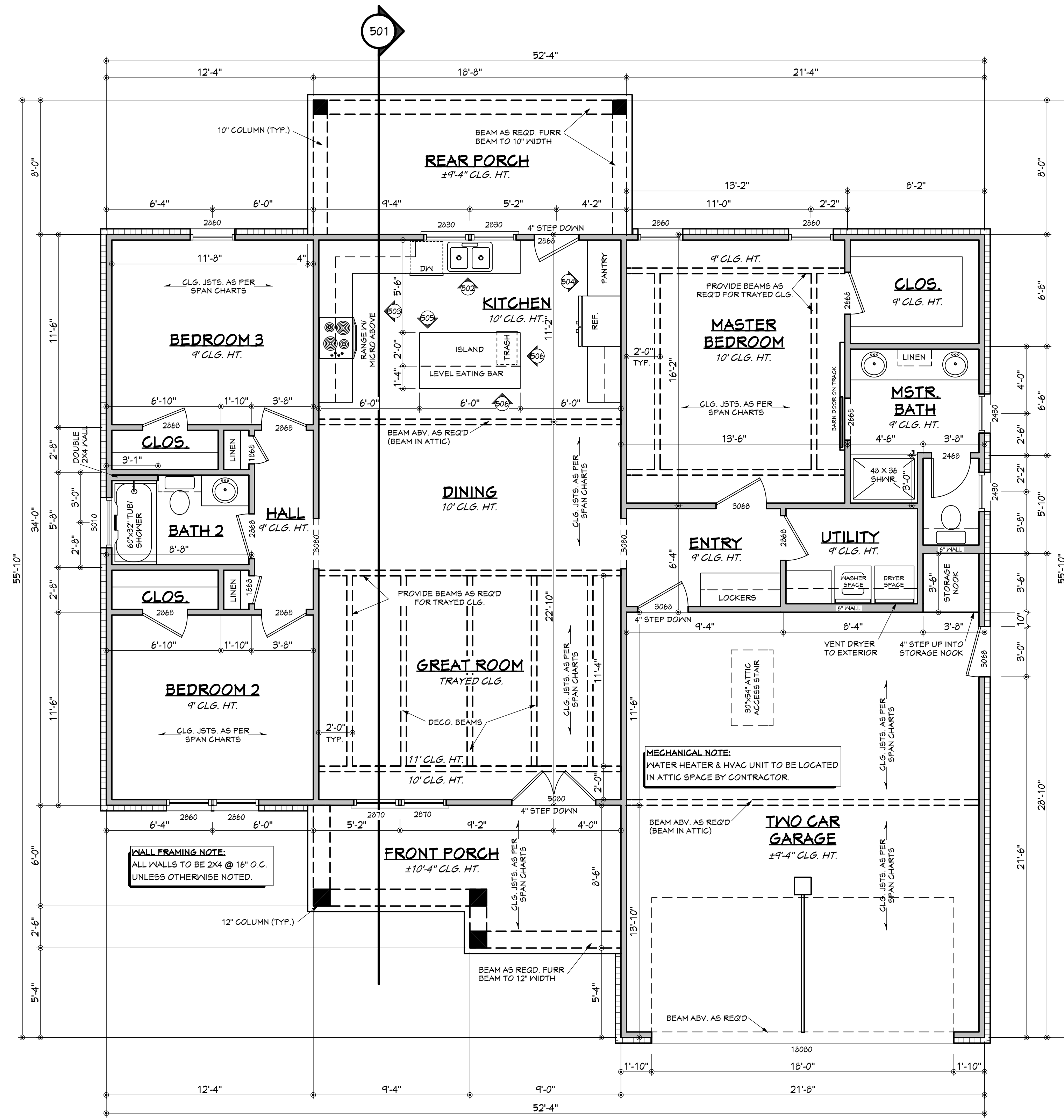
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Date:  
10.16.19  
Drawn By:  
R.B.W.

SHEET NUMBER  
**2**



House Plan Zone, LLC has exercised great care and effort in the development of these plans and the completion of these construction documents. However, the user assumes no responsibility for any damages, including structural failures resulting from errors, omissions or deviations in the design. House Plan Zone, LLC highly recommends that these plans be reviewed by a licensed structural engineer in the area of construction. Other special conditions required by local building codes. All dimensions to be verified on site prior to construction. If a foundation plan has been included in these plans, it is general in nature and shall be verified by a licensed engineer prior to construction.



**NOTES:**

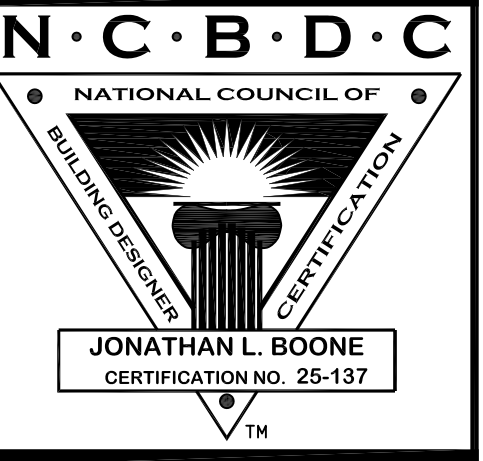
1. ALL DIMENSIONS & SITE CONDITIONS TO BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
2. ALL FINISHES (INTERIOR & EXTERIOR) TO BE VERIFIED WITH OWNER PRIOR TO CONSTRUCTION.
3. VERIFY ALL DOOR AND WINDOW STYLES AND SIZES WITH OWNER PRIOR TO CONSTRUCTION. MANUFACTURER TO SUPPLY ALL ROUGH OPENING SIZES.
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 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. M1305.1.2 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.
- EXCEPTIONS:
  - 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.
  - c. 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 WORKING SPACE AT LEAST 30 INCHES DEEP AND 30 INCHES WIDE SHALL BE PROVIDED IN FRONT OF THE CONTROL SIDE TO SERVICE AN APPLIANCE. M1305.1.1
  - d. 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 2040 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 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.
9. ALL RETURN AIR GRILLS ARE TO BE LOCATED TO COMPLY WITH SECTION M1602 OF THE IRC 2018.
10. ALL SQUARE FOOTAGE MEASUREMENTS ARE APPROXIMATE AND MAY DIFFER FROM ACTUAL CONSTRUCTED RESIDENCE OR BUILDING.
11. 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.
12. ALL BATHROOM EXHAUST VENTS SHALL BE VENTED DIRECTLY TO THE EXTERIOR OF THE HOME AND NOT INTO THE ATTIC. IRC 2018, M1505.2

FLOOR PLAN

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

AREA: 1521 S.F. HEATED - WITHOUT MASONRY
133 S.F. UNHEATED - FRONT PORCH
558 S.F. UNHEATED - GARAGE
149 S.F. UNHEATED - REAR PORCH
840 S.F. TOTAL UNHEATED
2361 S.F. TOTAL UNDER ROOF

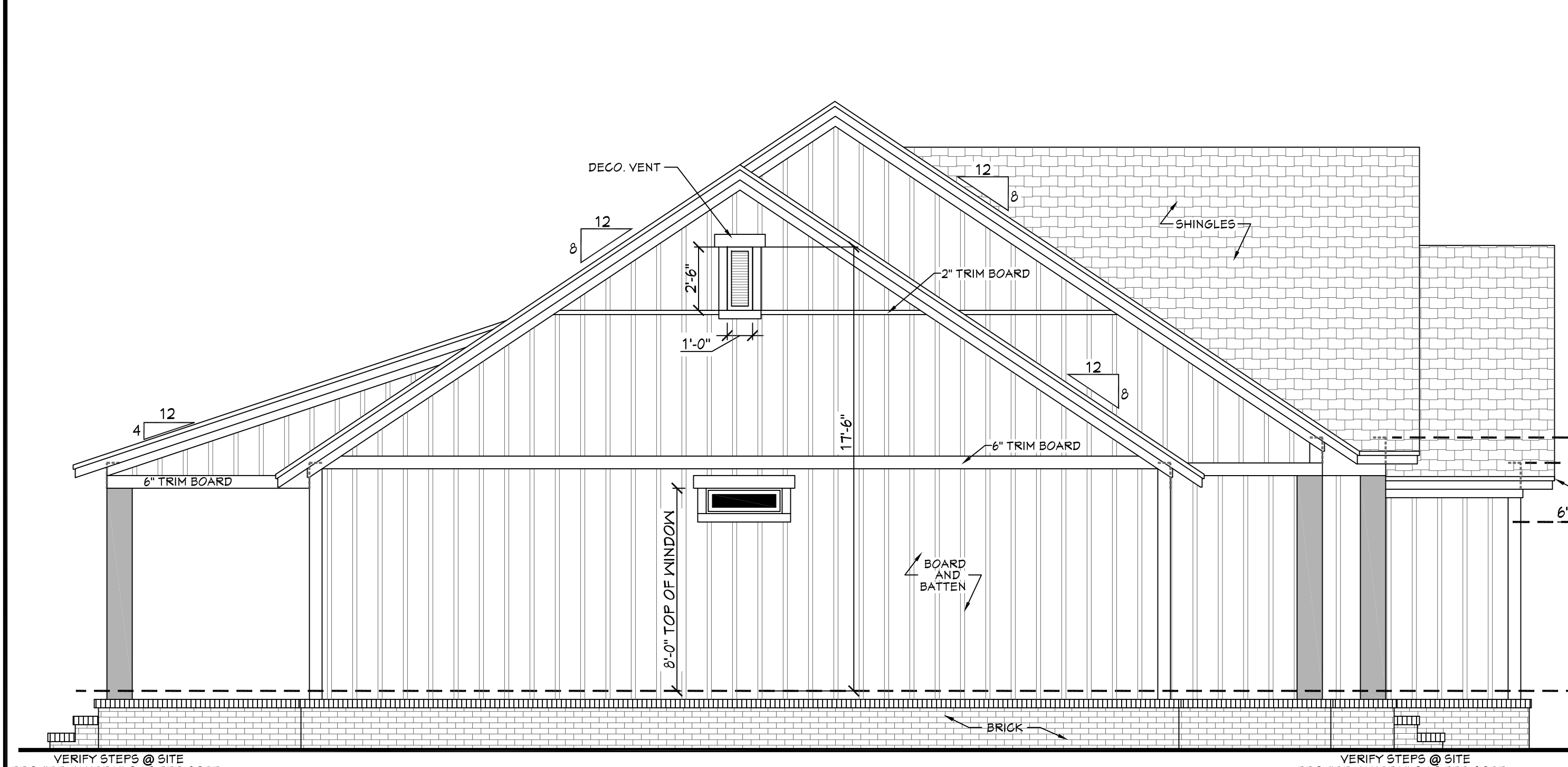
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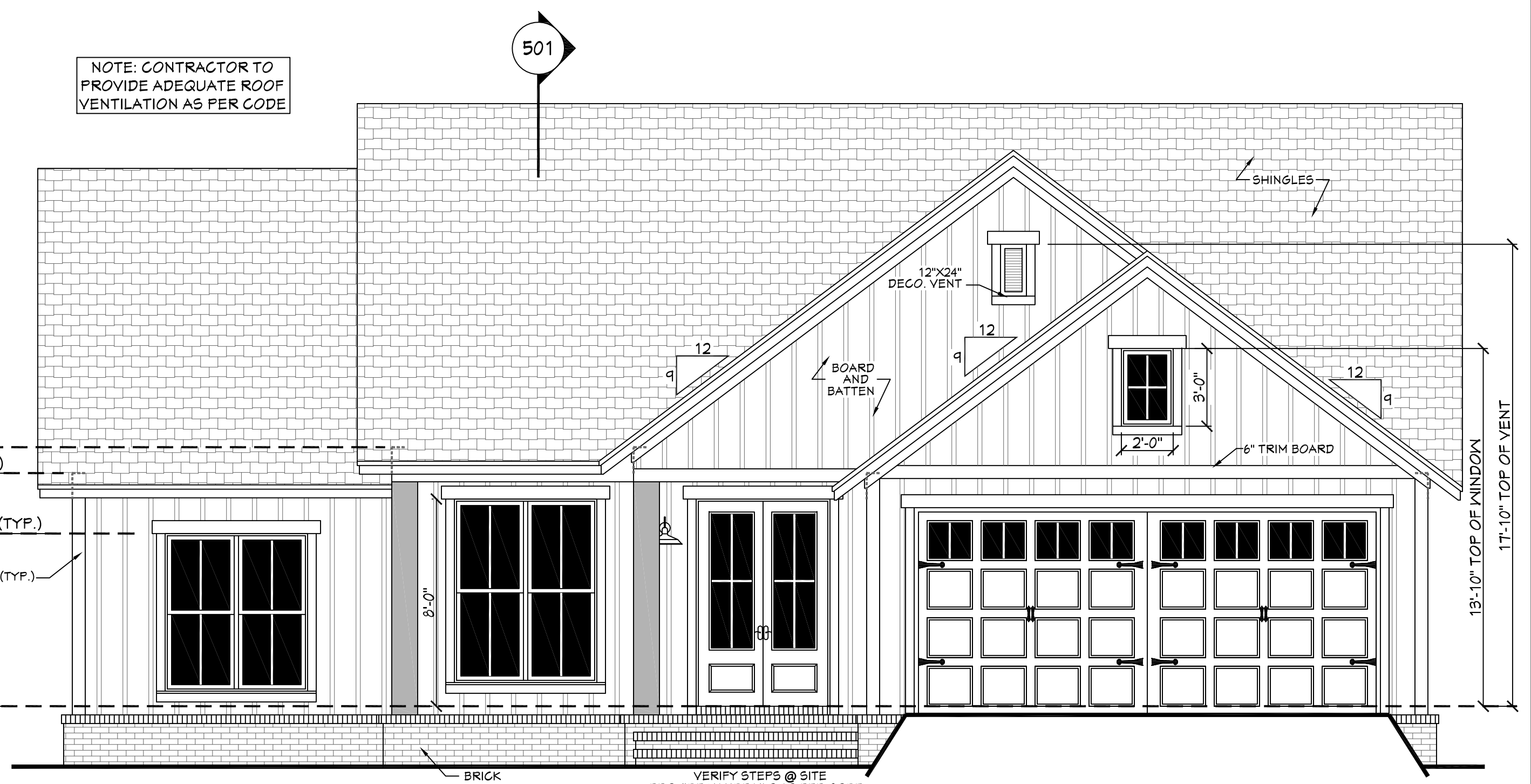
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**BB-1521**

Date: 10.16.19  
 Drawn By: J.A.B.

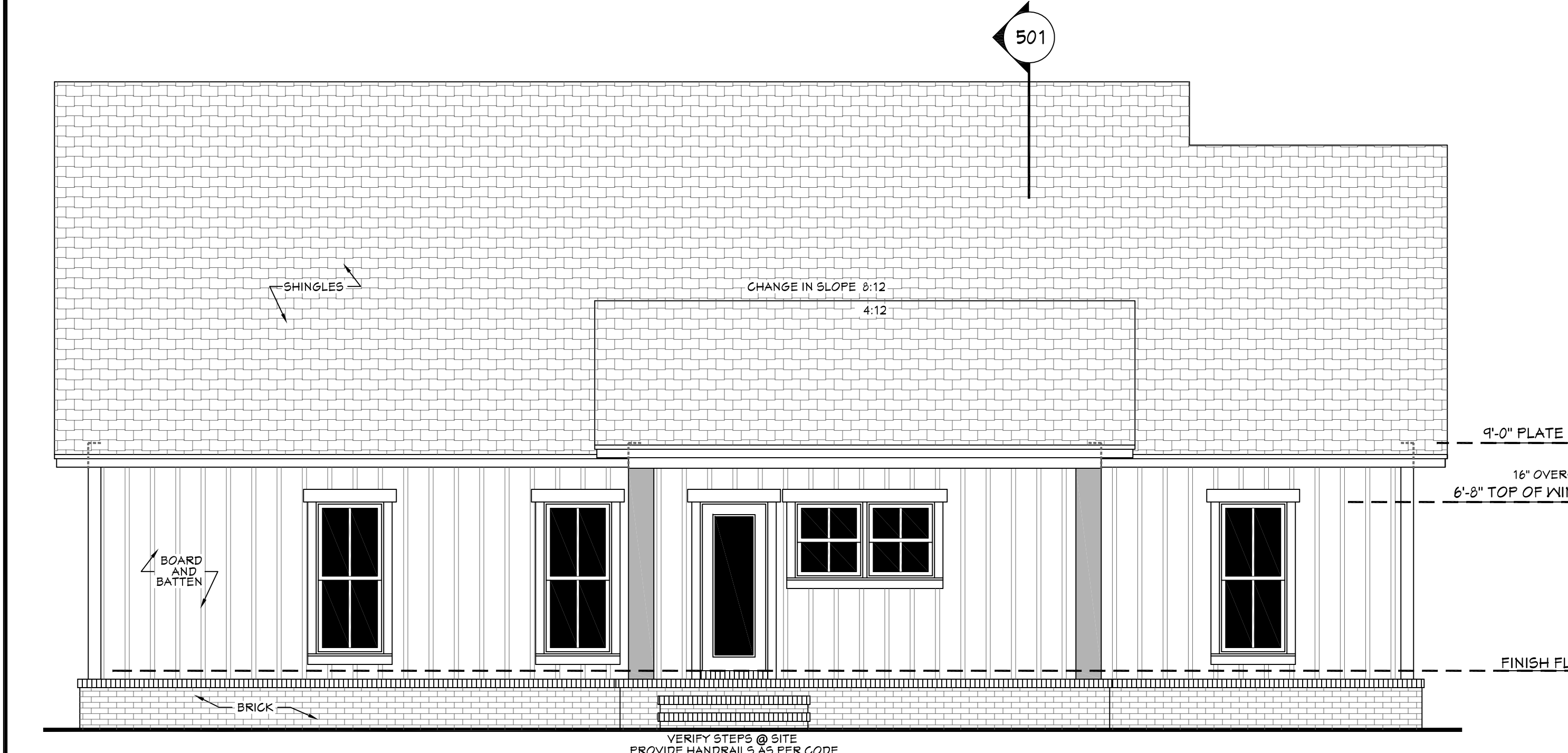
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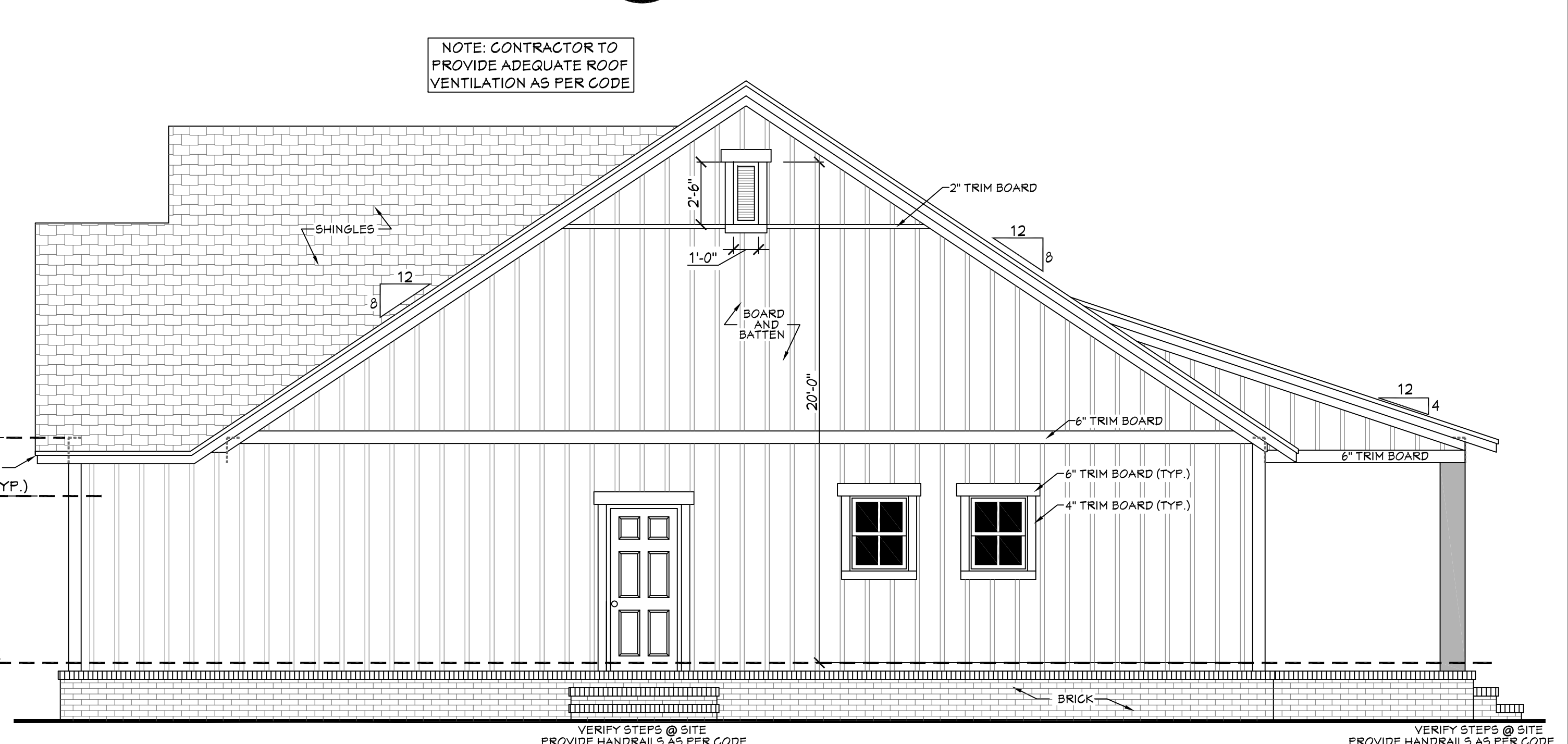
**401 LEFT VIEW**  
 SCALE----- 1/4" = 1'-0"



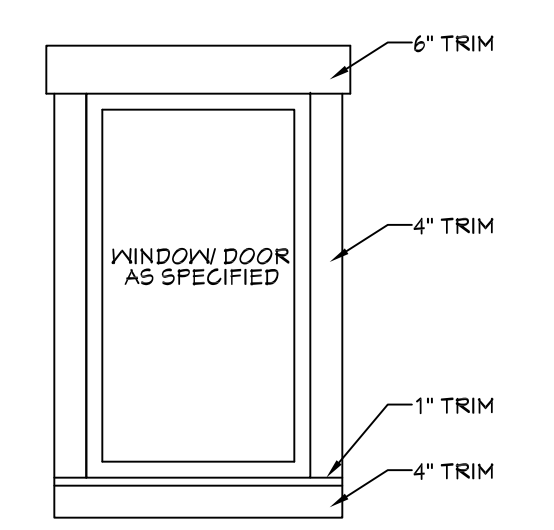
**402 FRONT VIEW**  
 SCALE----- 1/4" = 1'-0"



**403 REAR VIEW**  
 SCALE----- 1/4" = 1'-0"

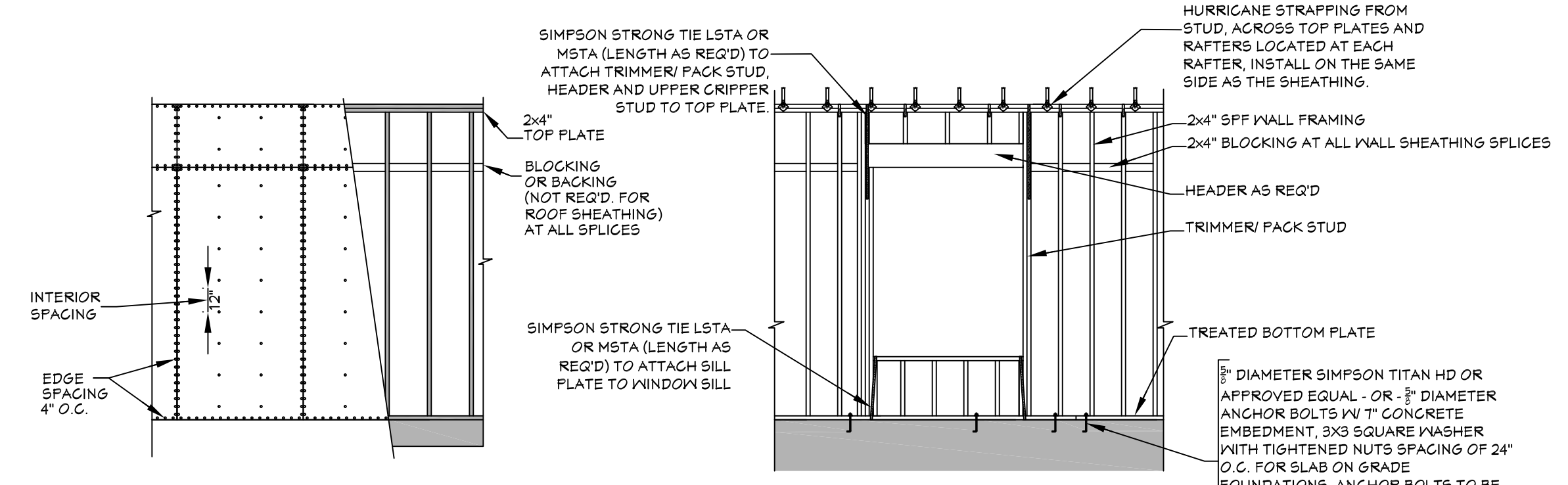


**404 RIGHT VIEW**  
 SCALE----- 1/4" = 1'-0"



**405 TYPICAL TRIM DETAIL**  
 SCALE----- 1/2" = 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.



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

**NAIL SIZE SPACING FOR WALL SHEATHING**  
 8d NAILS  
 MIN. OF 7/16" O.S.B.  
 EDGE SPACING = 4" O.C.  
 INTERIOR SPACING = 12" O.C.

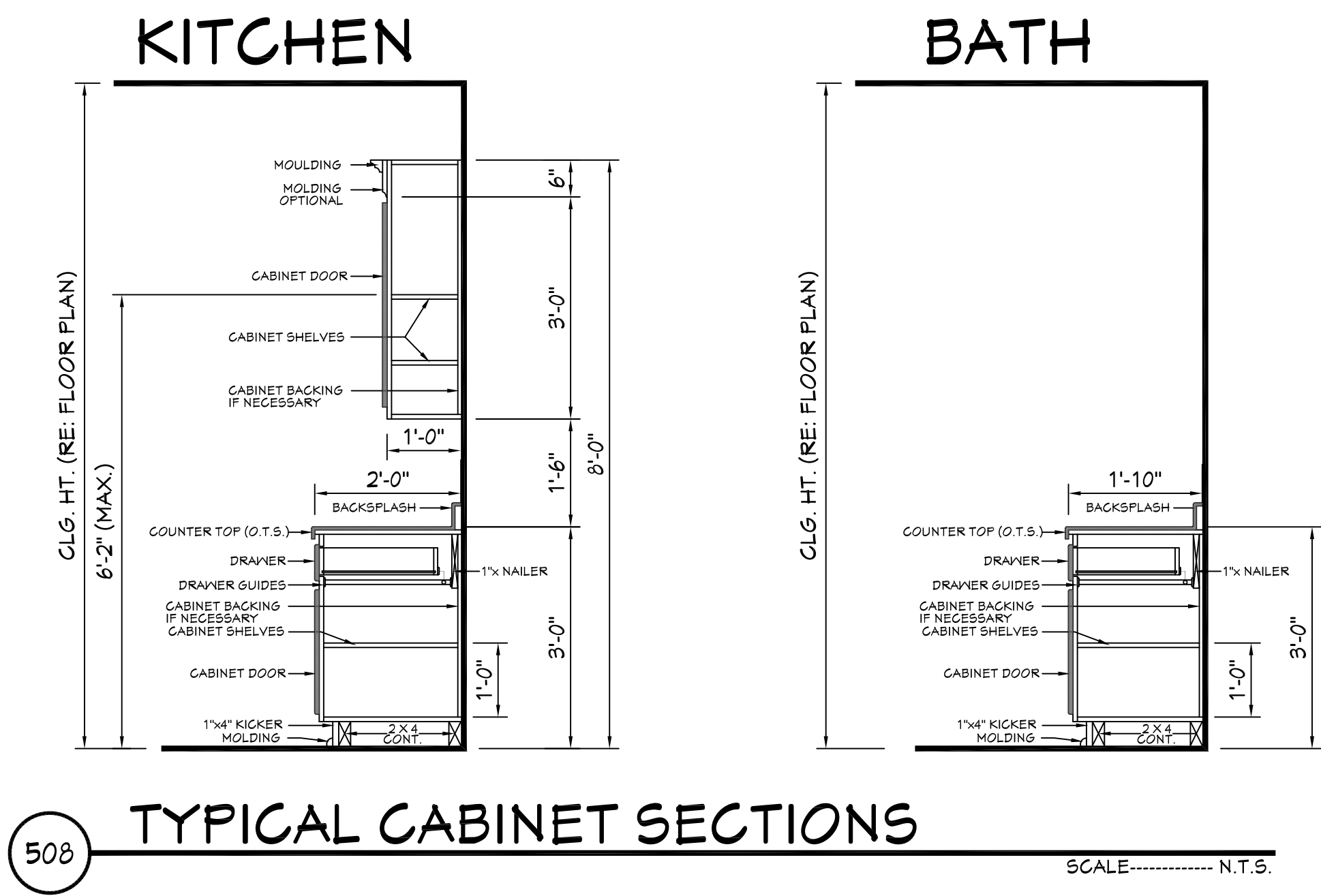
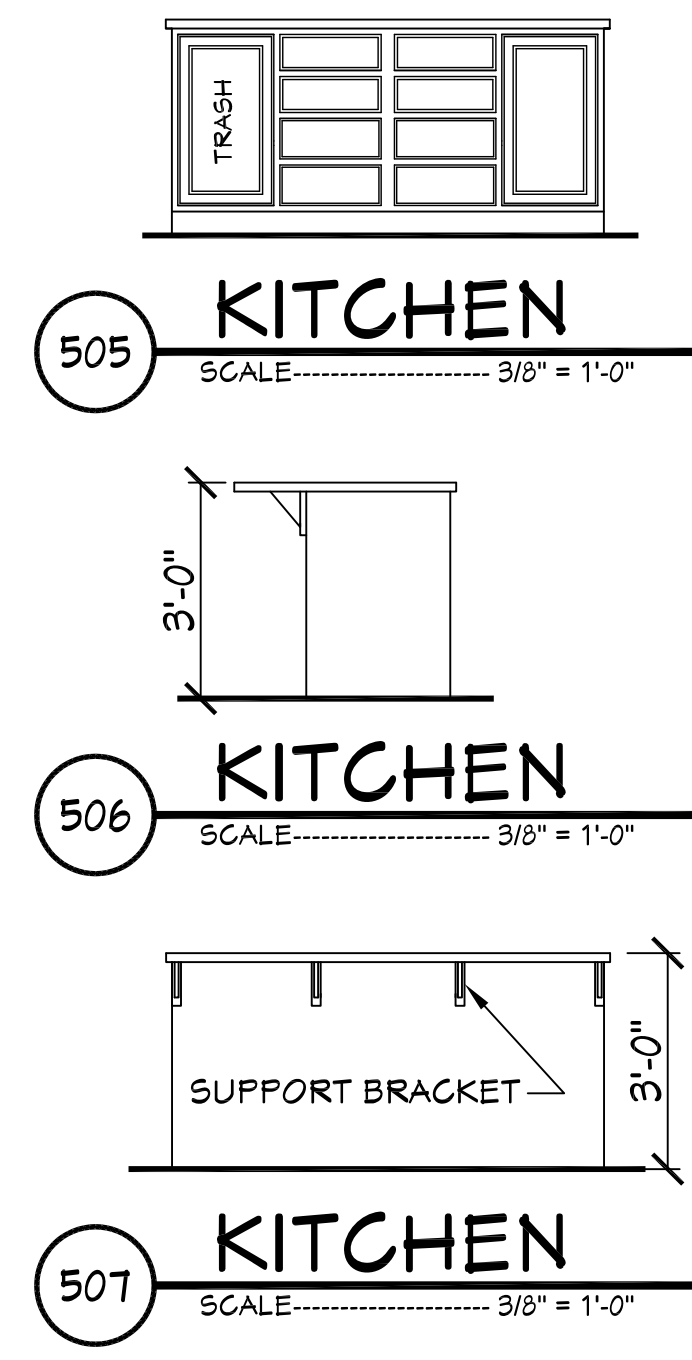
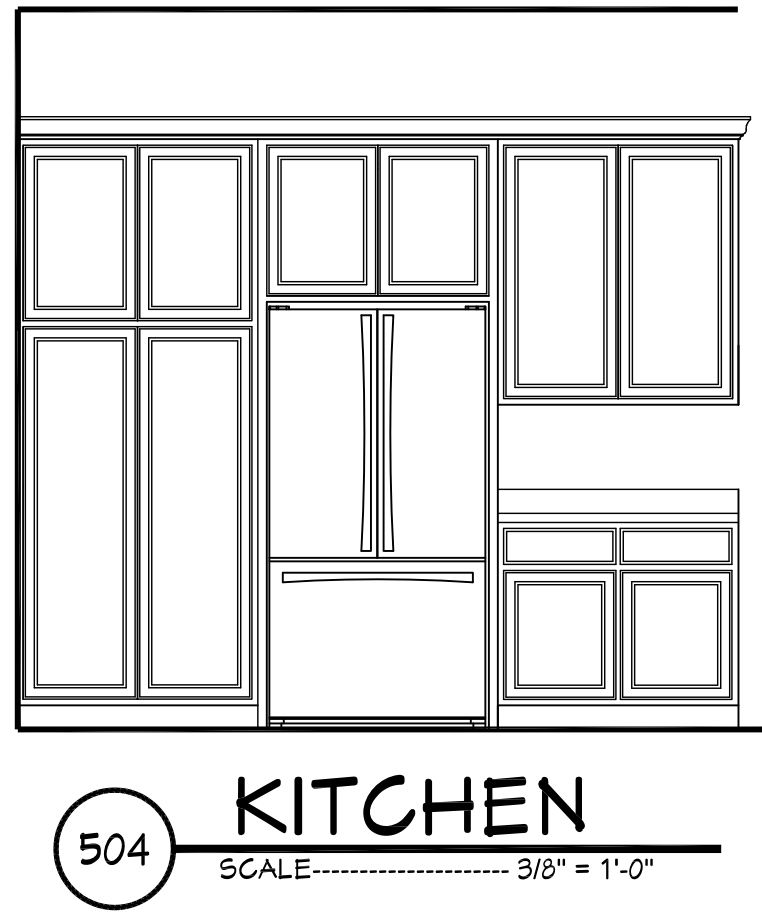
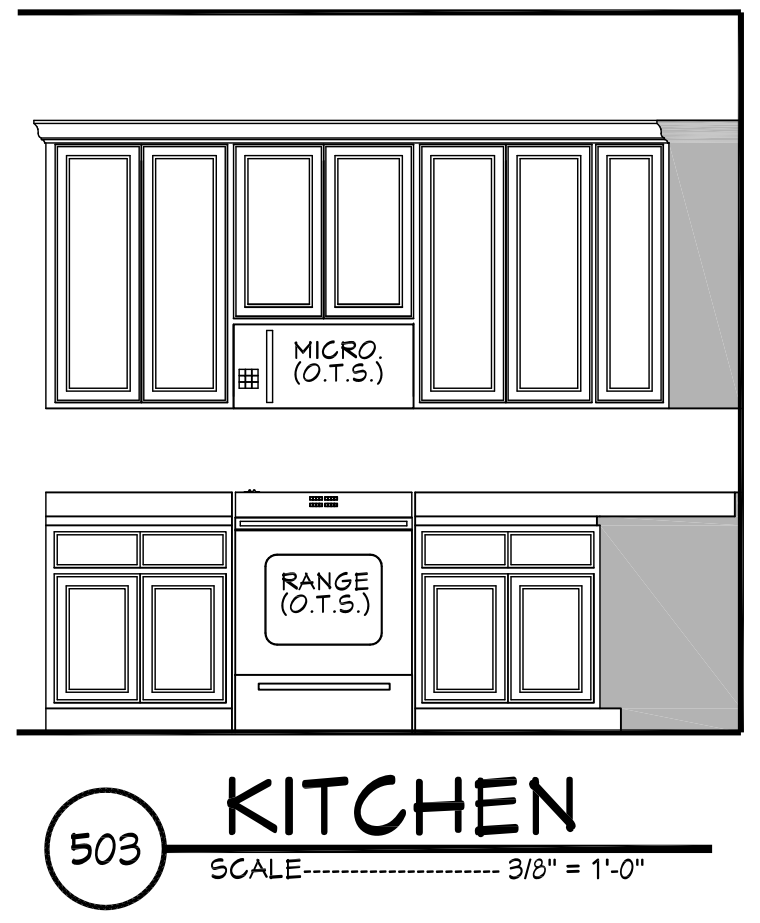
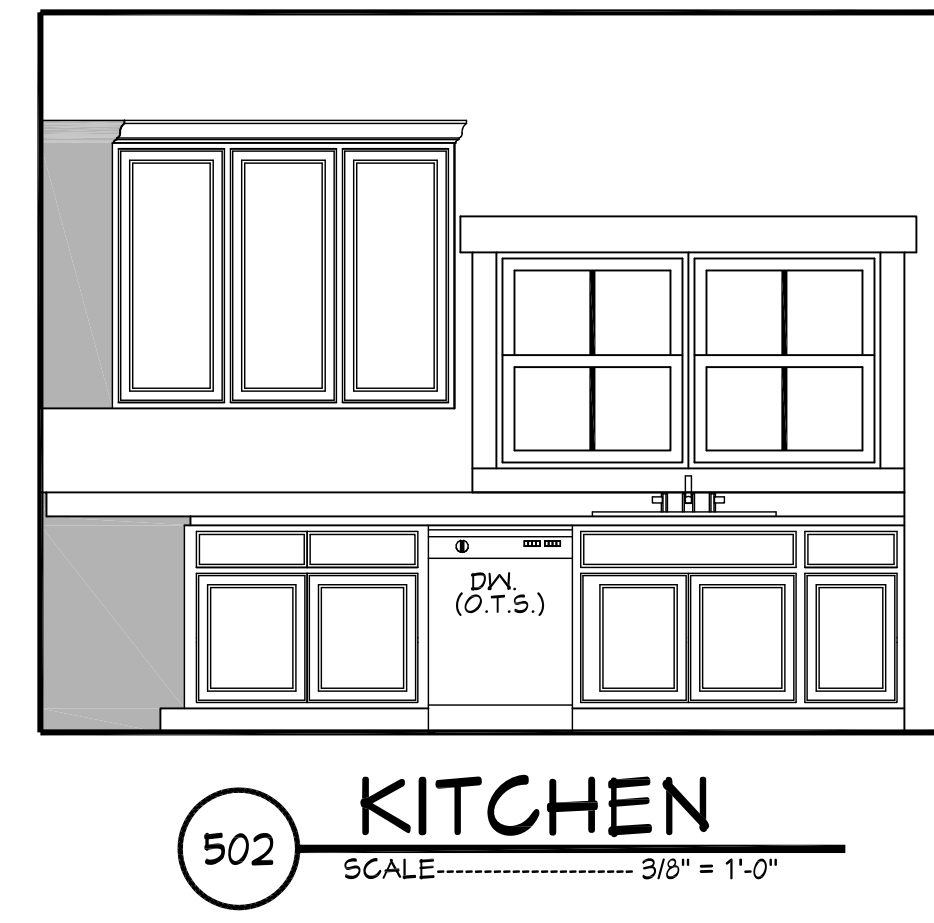
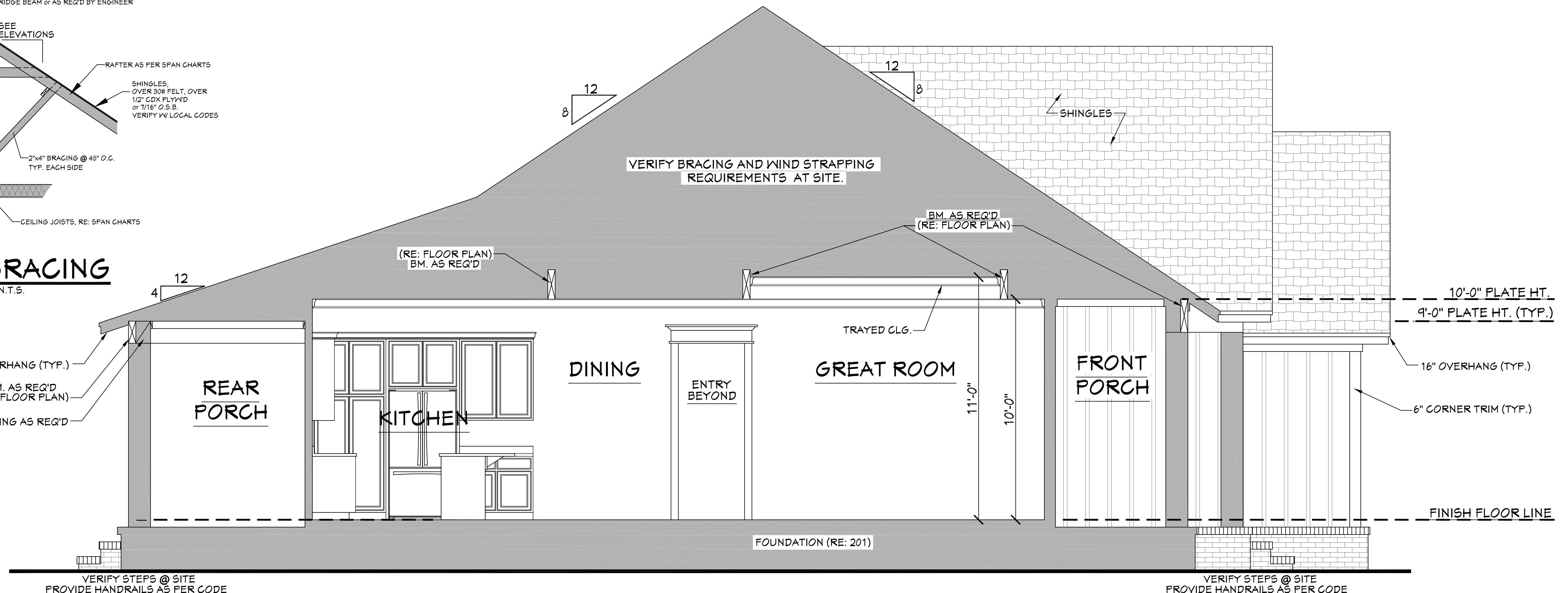
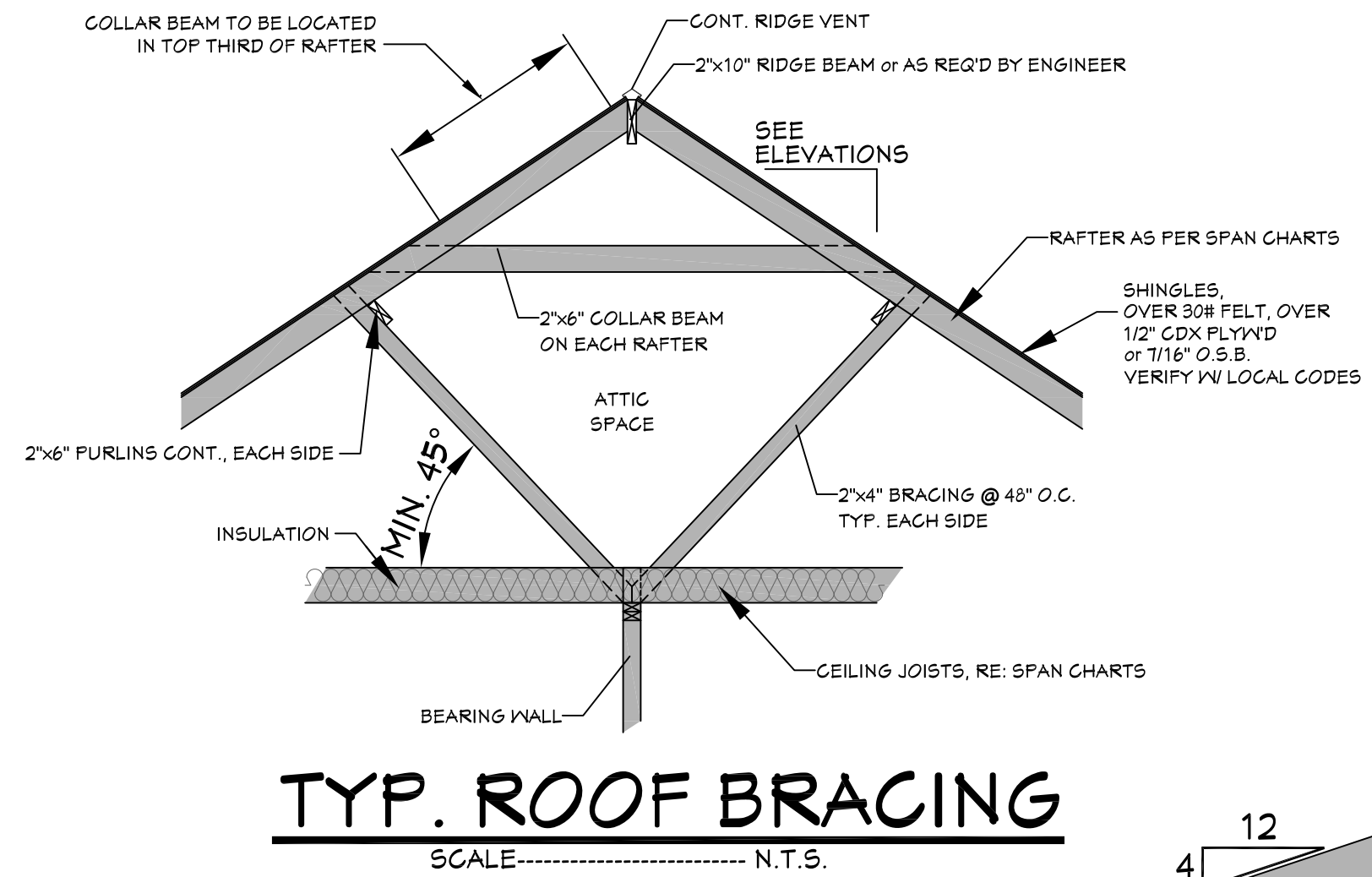
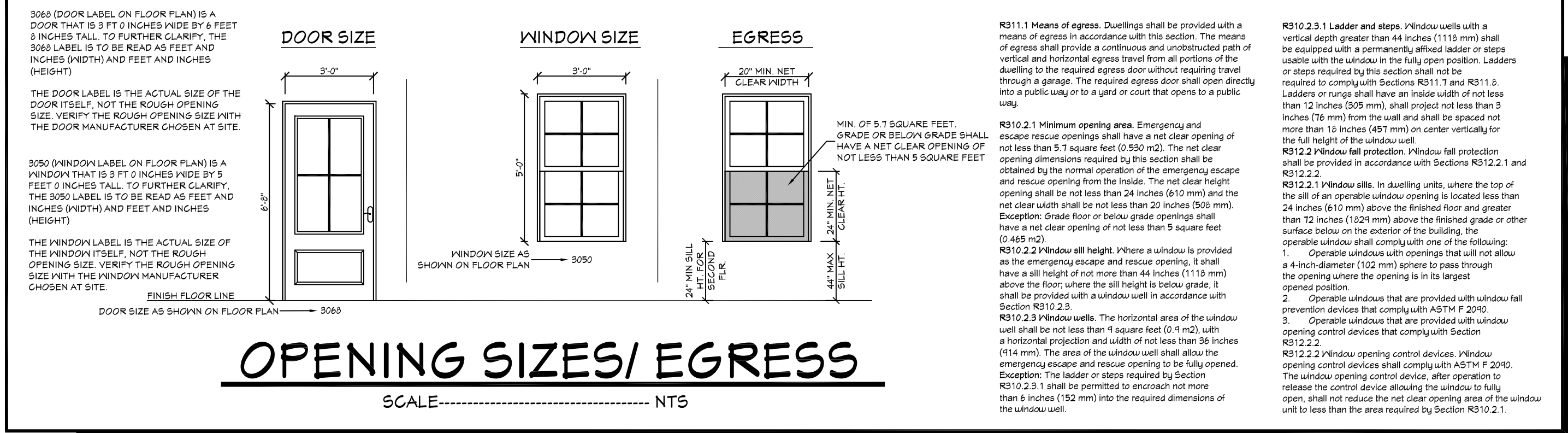
**NAIL SIZE SPACING FOR ROOF SHEATHING**  
 8d NAILS  
 MIN. OF 7/16" O.S.B.  
 EDGE SPACING = 4" O.C.  
 INTERIOR SPACING = 4" O.C.

**NOTES:**  
 1. ALL EXTERIOR SHEATHING TO EXTEND FROM BOTTOM OF BOTTOM PLATE TO THE TOP OF THE TOP PLATES.  
 2. PROVIDE 2x4 OR GREATER COLLAR TIES ON EACH RAFTER IN THE UPPER THIRD OF ATTIC AND ATTACHED TO RAFTERS WITH 5-10d 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.

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**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.



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**BB-1521**

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Date: 10.16.19  
Drawn By: R.B.W.

SHEET NUMBER  
**5**

### HIP/ VALLEY CONVERSION

IF COMMON RAFTER ROOF FITCH IS...		THEN HIP/ VALLEY RAFTER ROOF FITCH BECOMES...	
RISE/ RUN	SLOPE	RISE/ RUN	SLOPE
1/12	5°	1/17	3°
2/12	10°	2/17	7°
3/12	14°	3/17	10°
4/12	18°	4/17	13°
5/12	23°	5/17	16°
6/12	27°	6/17	19°
7/12	30°	7/17	22°
8/12	34°	8/17	25°
9/12	37°	9/17	28°
10/12	40°	10/17	30°
11/12	42°	11/17	33°
12/12	45°	12/17	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/D=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.)
2 x 4	12.0	9-3
	16.0	8-0
	19.2	7-4
	24.0	6-7
2 x 6	12.0	13-11
	16.0	12-0
	19.2	11-0
	24.0	9-10
2 x 8	12.0	17-7
	16.0	15-3
	19.2	13-11
	24.0	12-6
2 x 10	12.0	20-11
	16.0	18-1
	19.2	16-6
	24.0	14-9

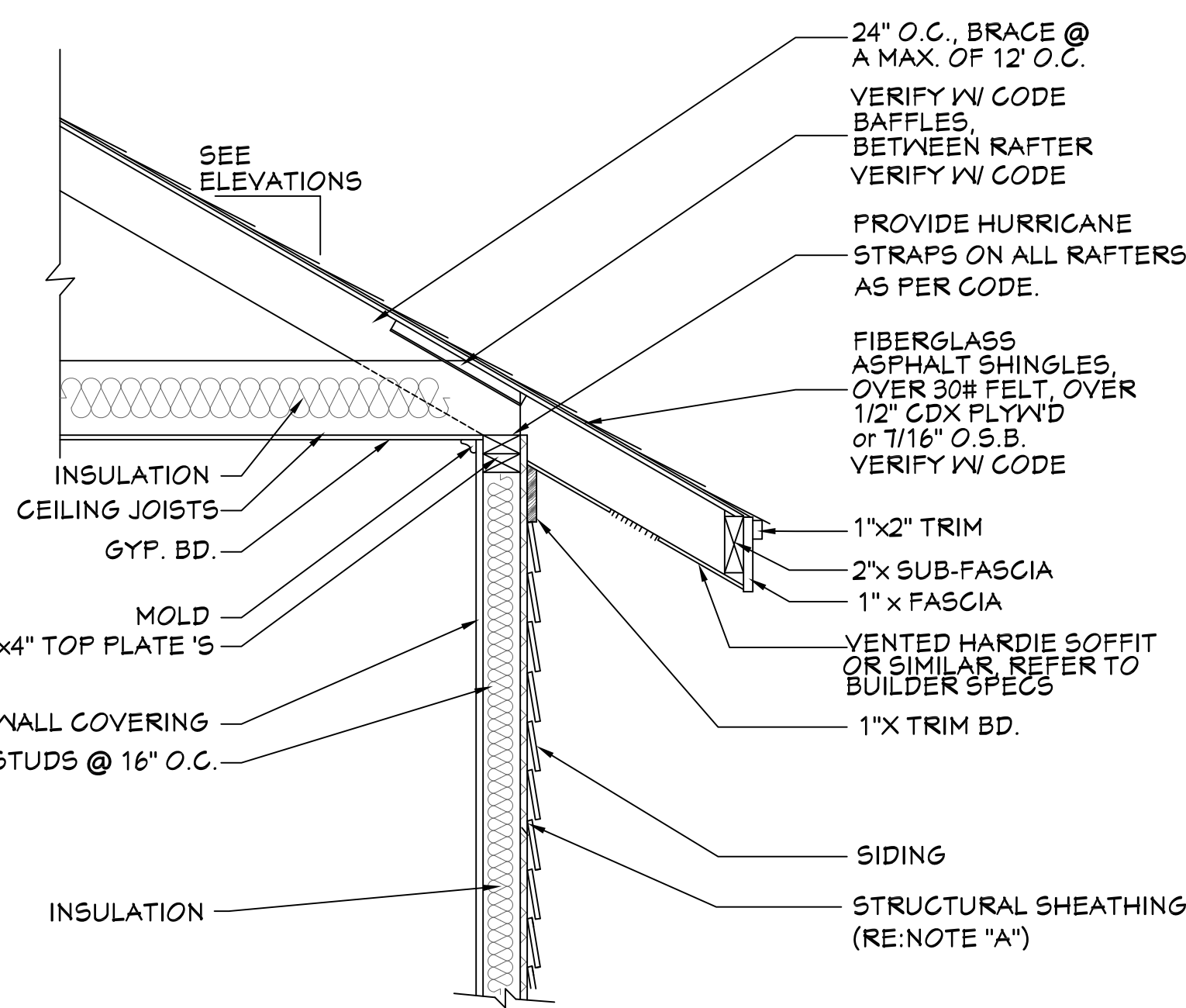
NOTES:  
The above tables are based on the IRC 2018 TABLE R802.5.1(2)

### RAFTER SPANS

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

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

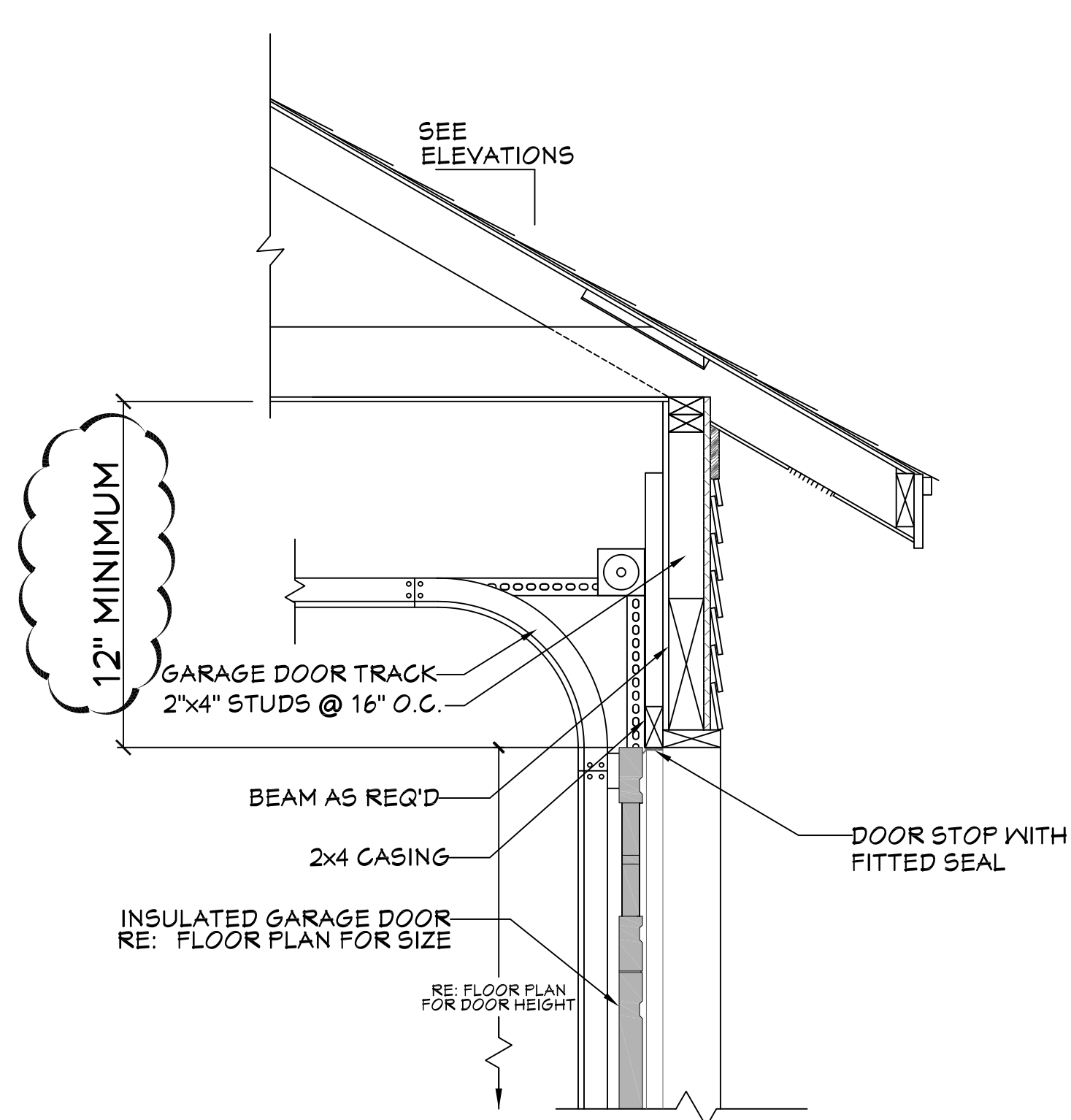
NOTES:  
The above tables are based on the IRC 2018 TABLE R802.4.1(3)



NOTE "A": PROVIDE A MINIMUM OF 7/16" STRUCTURAL WOOD PANEL ATTACHED W/ 8d COMMON OR 10d BOX NAILS AT 4" SPACING ON EDGE AND 12" IN FIELD.  
 NOTE "B": CORNICE DETAIL FOR REFERENCE ONLY. REFER TO BUILDER SPECS FOR ACTUAL MATERIALS.

### 602 TYP. CORNICE DETAIL

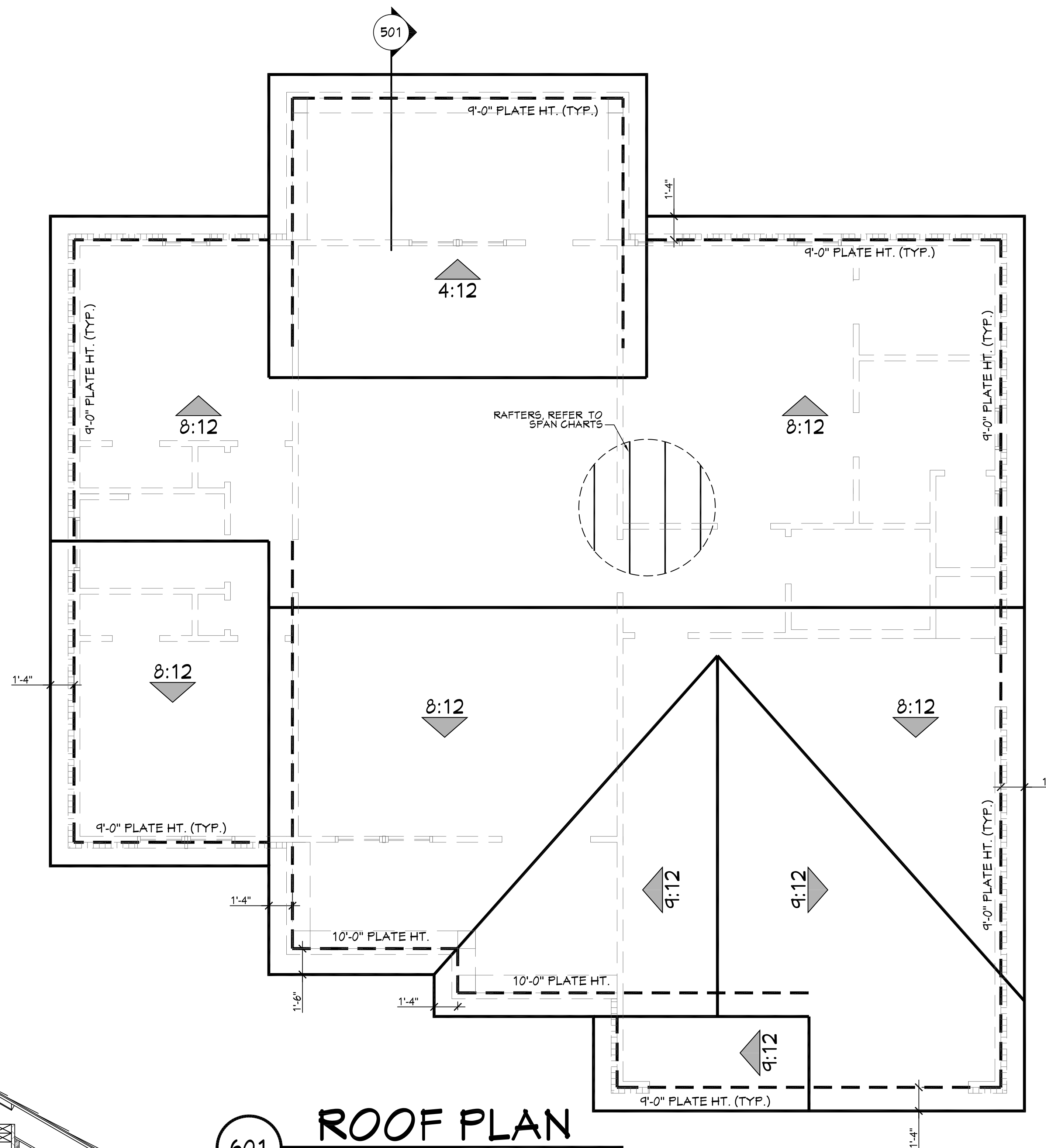
SCALE-----3/4"=1'-0"



### 603 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.



### 601 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.

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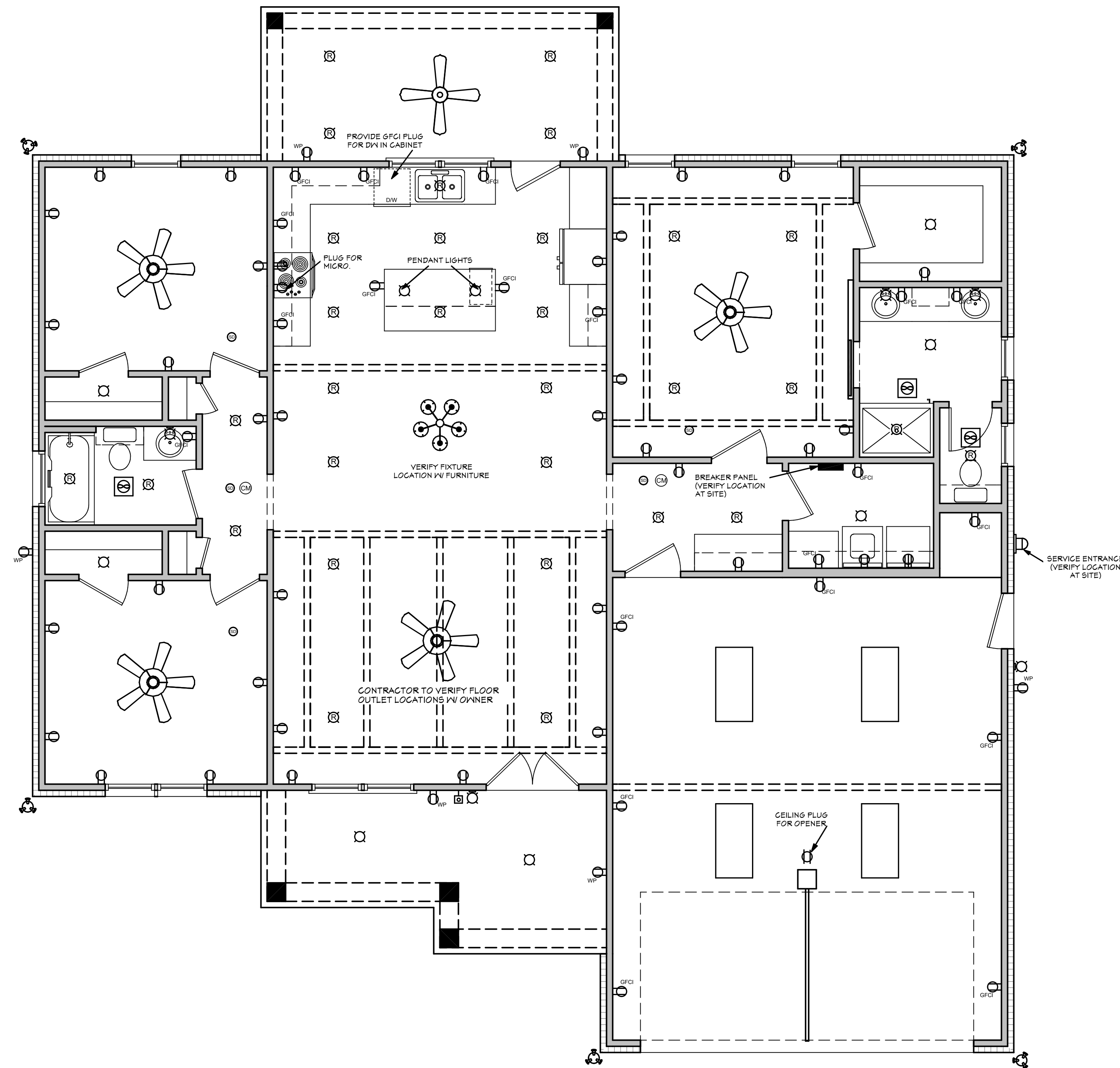
**N · C · B · D · C**  
 NATIONAL COUNCIL OF BUILDING DESIGNERS  
 JONATHAN L. BOONE  
 CERTIFICATION NO. 25-137

Pre-Drawn Plan ID:  
**BB-1521**

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Date:  
 10.16.19  
 Drawn By:  
 J.A.B.

SHEET NUMBER  
**6**



# ELECTRICAL LAYOUT

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

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

ELECTRICAL SYMBOLS LEGEND	
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 (OWNER TO LOCATE)
	WALL MOUNTED LIGHT
	WEATHERPROOF OUTLET
	CAT5 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

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 ACTUATION OF ONE ALARM WILL 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 WHICH FUEL-FIRED APPLIANCES 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.

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Pre-Drawn Plan ID:

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Date: 10/16/19

Drawn By: R.B.W.

Project Name:

SHEET NUMBER

**7**