

San. M.H. #1
 Rim=996.48
 Inv.=8" W 983.23
 Inv.=8" E 983.30
 Inv.=8" N 984.06

Proposed Residence
 FF=1002.20
 FFB=993.50
 12 Course

Garage
 FF=1000.20

George M. Conner
 Doc. No. 56617892
 5.929 Ac. (Deed)
 652 Boston Mills Road

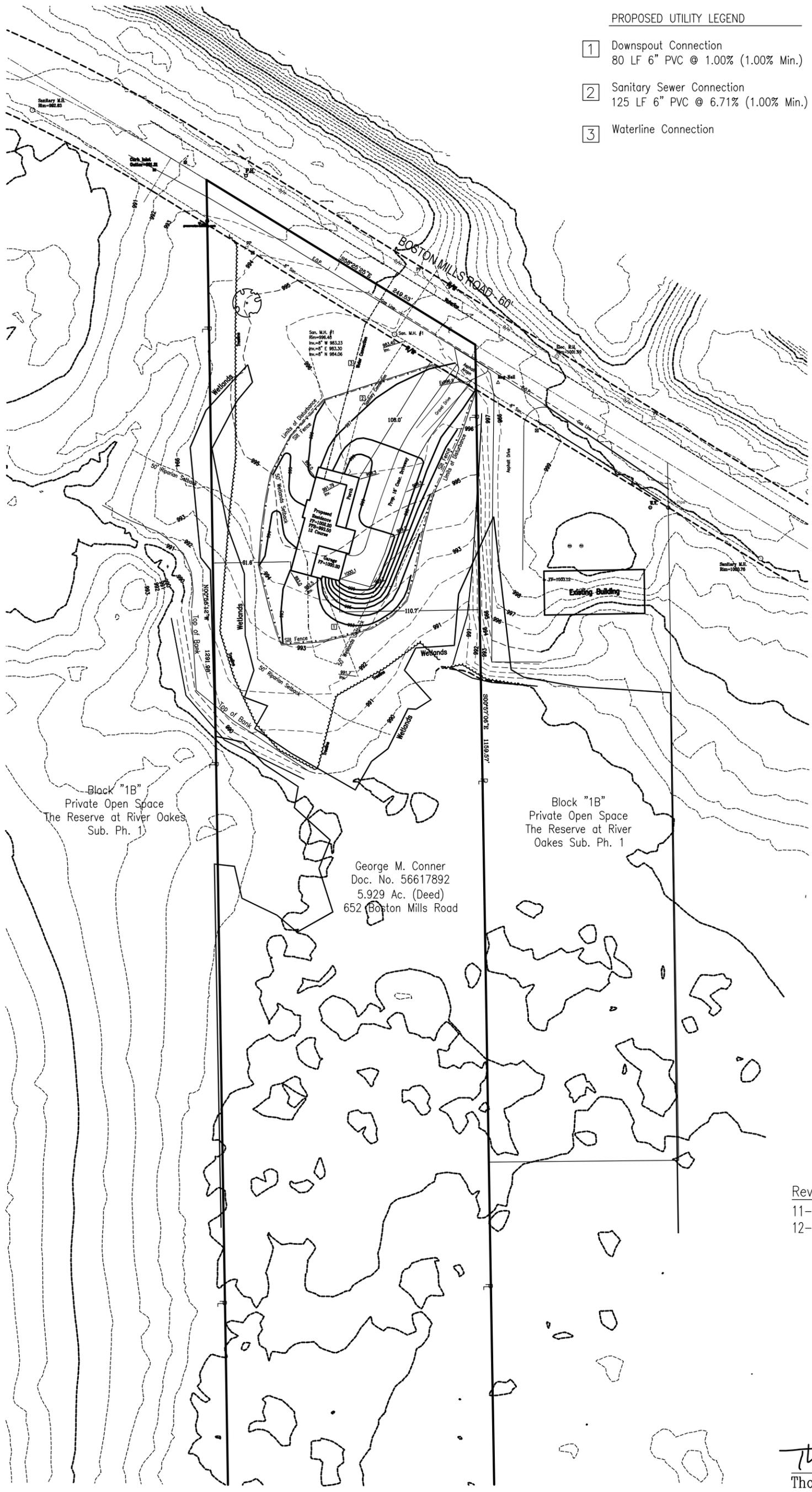


ALBER & RICE
 CIVIL + STRUCTURAL + SURVEY
 31913 Cook Road | North Ridgeville | Ohio | 44039
 216-252-7840 Office 216-252-7841 Fax

PLOT PLAN
 Being Part of Original Lot No. 61
 Formerly Hudson Township
 CITY OF HUDSON
 COUNTY OF SUMMIT, OHIO

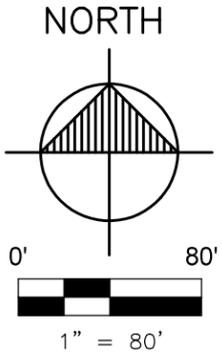
DATE: 11-1-2021
 SCALE: 1" = 30'
 FILE: 2110-23.DWG
 DWG BY: TJK
 CHKD BY:

Sheets
 2 of 2
 JOB NUMBER
 2110-23



PROPOSED UTILITY LEGEND

- 1 Downspout Connection
80 LF 6" PVC @ 1.00% (1.00% Min.)
- 2 Sanitary Sewer Connection
125 LF 6" PVC @ 6.71% (1.00% Min.)
- 3 Waterline Connection



BENCHMARK
Rim of Sanitary M.H. #1
Elevation = 996.48

- NOTES:
1. EXACT ELEVATION AND LOCATION OF UNDERGROUND UTILITIES SHOWN HEREON IS UNKNOWN, CONTRACTOR TO VERIFY.
 2. CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL UNTIL THE COMPLETION OF CONSTRUCTION AND LANDSCAPING.
 3. SANITARY AND STORM SEWER CONNECTIONS TO BE INSTALLED AT A MINIMUM OF 1.0%

LEGEND

- CL CENTERLINE
- B/L BUILDING LINE
- F.F. FINISH FLOOR
- C.B. CATCH BASIN
- I.B.F. IRON BAR FD.

ELEVATION TABLE

(12 Course)

FINISH FLOOR	1002.00
FINISH FLOOR BSM'T	993.29
GARAGE FLOOR	1000.00
TOP OF BLOCK	1001.00
TOP OF FOOTER	992.96
BOTTOM OF FOOTER	992.29

OWNER: George M. Conner
BUILDER: George M. Conner

- Revision
- 11-23-21 Revisions Per City
 - 12-2-21 Revised Wetland Setback to 50'
Revised Limits Disturbance



Thomas J. King Jr. 11-1-2021
Thomas J. King Jr. P.S. #7503 Date



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PLOT PLAN
Being Part of Original Lot No. 61
Formerly Hudson Township
CITY OF HUDSON
COUNTY OF SUMMIT, OHIO

DATE: 11-1-2021
SCALE: 1" = 80'
FILE: 2110-23.DWG
DWG BY: TJK
CHKD BY:

Sheets
1 of 2
JOB NUMBER
2110-23

House Plan Zone, LLC.

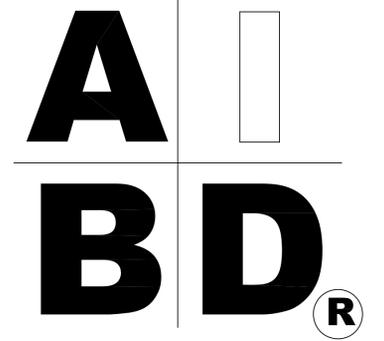


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STANDARD ABBREVIATIONS

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

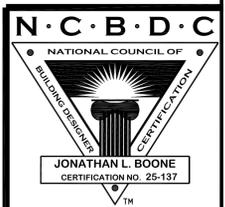


SHEET INDEX:

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

2510H-S

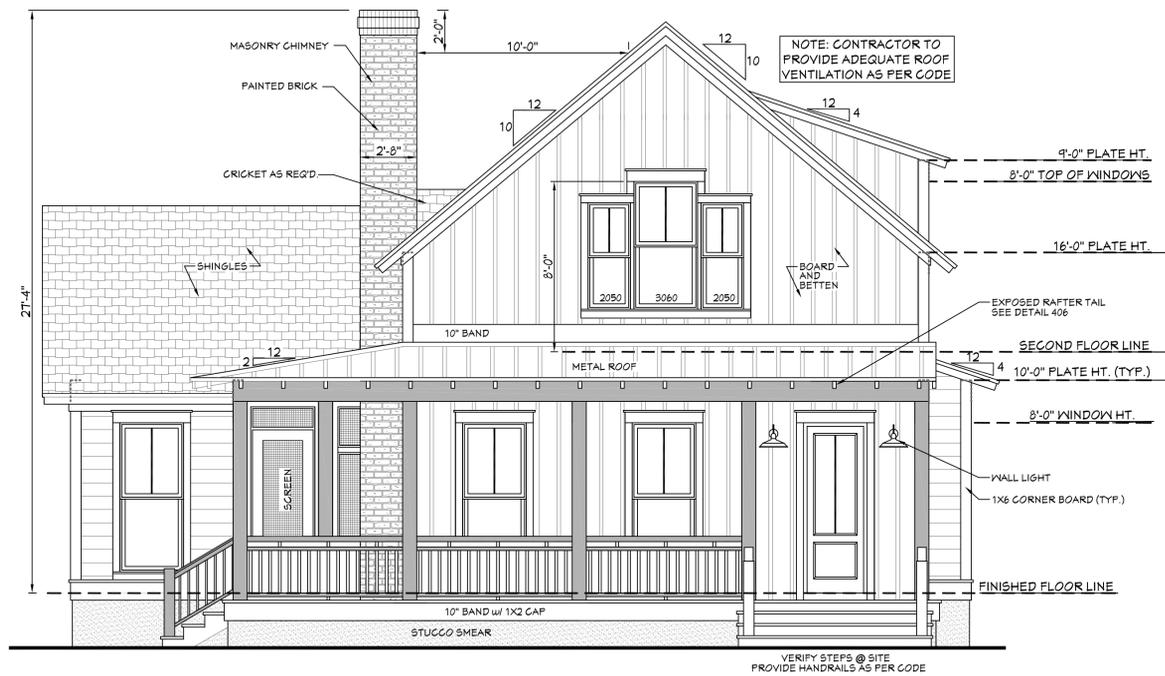
CODE DISCLAIMER:
 1. THESE PLANS WERE DESIGNED TO MEET IRC 2018 AT THE TIME OF THEIR CREATION AND MORE SPECIFICALLY THE MINIMAL LOCAL CODES OF THE SOUTH MISSISSIPPI AREA. IT IS HIGHLY RECOMMENDED THAT THESE PLANS BE REVIEWED BY A LOCAL STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION.
 2. BEAMS AND FLOOR JOISTS 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.



Date: 06.28.19
 Drawn By: C.A.B.

SHEET NUMBER

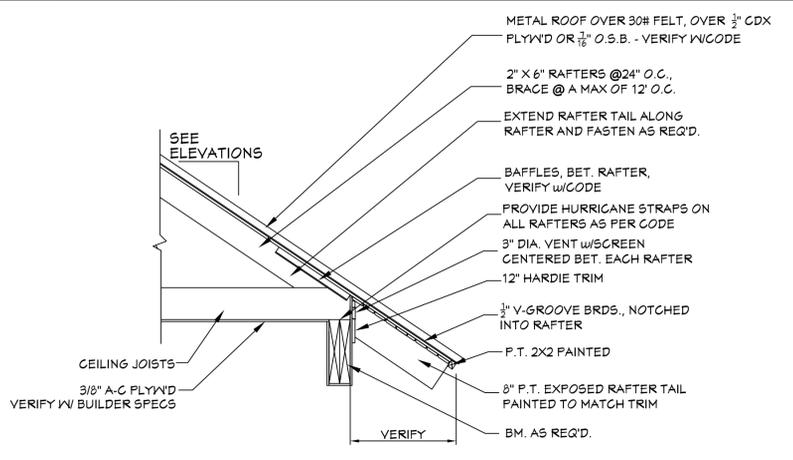
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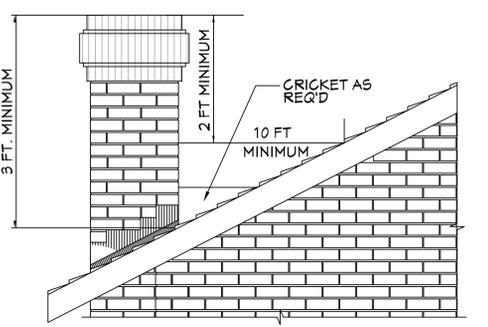
401 FRONT VIEW
SCALE----- 1/4" = 1'-0"

EXTERIOR ELEVATION NOTES:

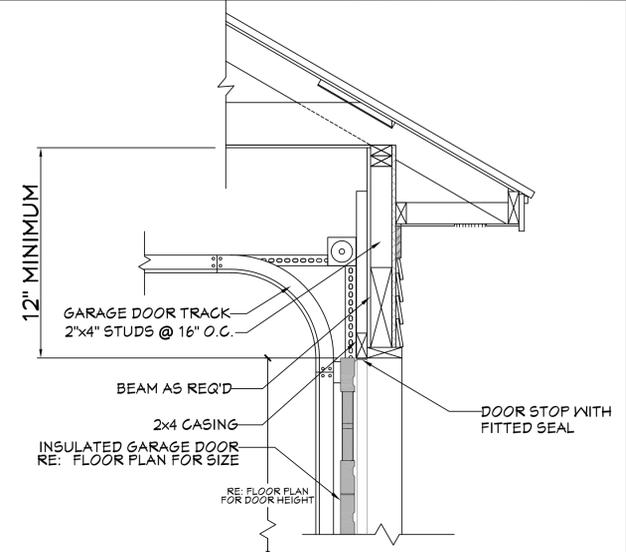
1. CONTRACTOR TO VERIFY ALL WINDOW AND DOOR STYLES AND SIZES WITH OWNER PRIOR TO CONSTRUCTION.
2. PROVIDE STEPS AND GUARD RAILS AS PER CODE BASED ON SITE CONDITIONS.
3. GROUND LINES SHOWN FOR REFERENCE ONLY AND VARY DEPENDING ON SITE CONDITIONS.
4. ALL FINISH MATERIALS TO BE VERIFIED WITH OWNER PRIOR 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.



406 EXPOSED RAFTER DETAIL
SCALE----- 3/4" = 1'-0"

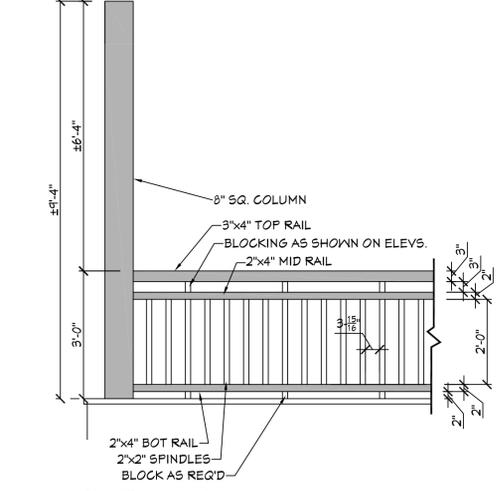


404 CHIMNEY BUILDING CODE DIMENSION REQUIREMENTS
SCALE----- 3/4" = 1'-0"

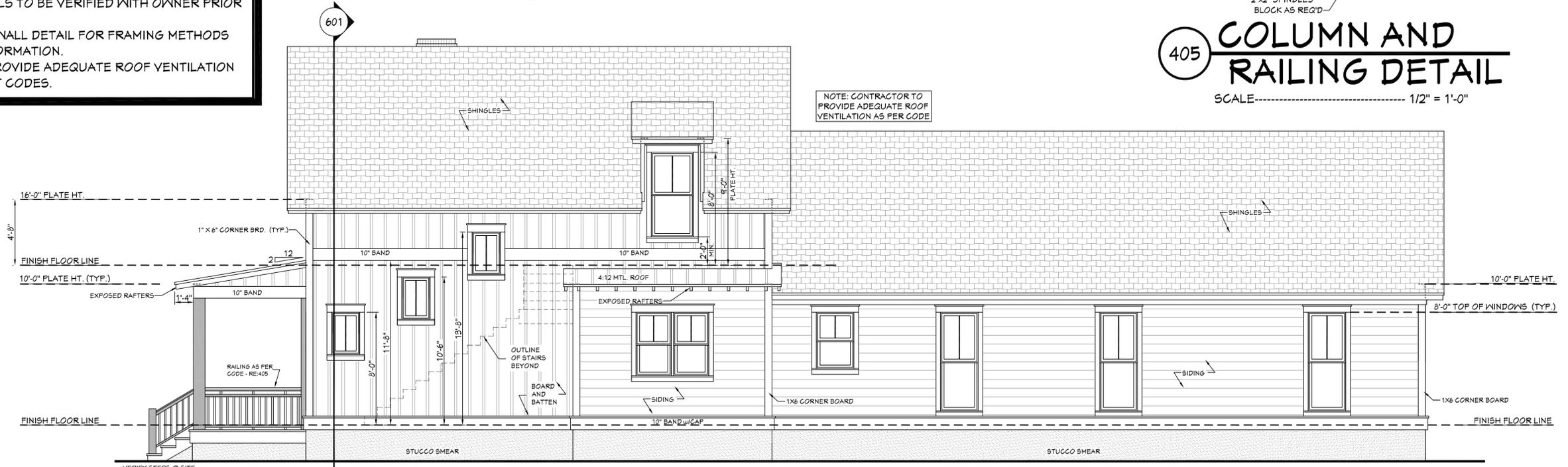


403 GARAGE DOOR CLEAR.
SCALE----- N.T.S.

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.



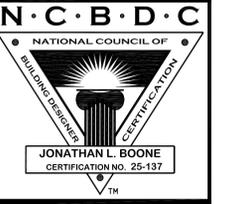
405 COLUMN AND RAILING DETAIL
SCALE----- 1/2" = 1'-0"



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

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Pre-Drawn Plan ID:
2510H-S

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 full responsibility for any damages, including structural failures resulting from errors, omissions or deficiencies 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.

Date:
 06.28.19
 Drawn By:
 C.T.B.

SHEET NUMBER
4

3068 (DOOR LABEL ON FLOOR PLAN) IS A DOOR THAT IS 3 FT 0 INCHES WIDE BY 6 FEET 8 INCHES TALL. TO FURTHER CLARIFY, THE 3068 LABEL IS TO BE READ AS FEET AND INCHES (WIDTH) AND FEET AND INCHES (HEIGHT).

THE DOOR LABEL IS THE ACTUAL SIZE OF THE DOOR ITSELF, NOT THE ROUGH OPENING SIZE. VERIFY THE ROUGH OPENING SIZE WITH THE DOOR MANUFACTURER CHOSEN AT SITE.

3050 (WINDOW LABEL ON FLOOR PLAN) IS A WINDOW THAT IS 3 FT 0 INCHES WIDE BY 5 FEET 0 INCHES TALL. TO FURTHER CLARIFY, THE 3050 LABEL IS TO BE READ AS FEET AND INCHES (WIDTH) AND FEET AND INCHES (HEIGHT).

THE WINDOW LABEL IS THE ACTUAL SIZE OF THE WINDOW ITSELF, NOT THE ROUGH OPENING SIZE. VERIFY THE ROUGH OPENING SIZE WITH THE WINDOW MANUFACTURER CHOSEN AT SITE.

DOOR SIZE AS SHOWN ON FLOOR PLAN → 3068

WINDOW SIZE AS SHOWN ON FLOOR PLAN → 3050

EGRESS

MIN. OF 5.7 SQUARE FEET. GRADE OR BELOW GRADE SHALL HAVE A NET CLEAR OPENING OF NOT LESS THAN 5 SQUARE FEET.

R311.1 Means of egress. Duellings shall be provided with a means of egress in accordance with this section. The means of egress shall provide a continuous and unobstructed path of vertical and horizontal egress travel from all portions of the dwelling to the required egress door without requiring travel through a garage. The required egress door shall open directly into a public way or to a yard or court that opens to a public way.

R310.2.1 Minimum opening area. Emergency and escape rescue openings shall have a net clear opening of not less than 5.7 square feet (0.530 m²). The net clear opening dimensions required by this section shall be obtained by the normal operation of the emergency escape and rescue opening from the inside. The net clear height opening shall be not less than 24 inches (610 mm) and the net clear width shall be not less than 20 inches (508 mm). Exception: Grade floor or below grade openings shall have a net clear opening of not less than 5 square feet (0.465 m²).

R310.2.2 Window sill height. Where a window is provided as the emergency escape and rescue opening, it shall have a sill height of not more than 44 inches (1118 mm) above the floor; where the sill height is below grade, it shall be provided with a window well in accordance with Section R310.2.3.

R310.2.3 Window wells. The horizontal area of the window well shall be not less than 9 square feet (0.9 m²), with a horizontal projection and width of not less than 36 inches (914 mm). The area of the window well shall allow the emergency escape and rescue opening to be fully opened. Exception: The ladder or steps required by Section R310.2.3.1 shall be permitted to encroach not more than 6 inches (152 mm) into the required dimensions of the window well.

R310.2.3.1 Ladder and steps. Window wells with a vertical depth greater than 44 inches (1118 mm) shall be equipped with a permanently affixed ladder or steps usable with the window in the fully open position. Ladders or steps required by this section shall not be required to comply with Sections R311.7 and R311.8. Ladders or rungs shall have an inside width of not less than 12 inches (305 mm), shall project not less than 3 inches (76 mm) from the well and shall be spaced not more than 18 inches (457 mm) on center vertically for the full height of the window well.

R312.2 Window fall protection. Window fall protection shall be provided in accordance with Sections R312.2.1 and R312.2.2.

R312.2.1 Window sills. In dwelling units, where the top of the sill of an operable window opening is located less than 24 inches (610 mm) above the finished floor and greater than 12 inches (305 mm) above the finished grade or other surface below on the exterior of the building, the operable window shall comply with one of the following:

- Operable windows with openings that will not allow a 4-inch-diameter (102 mm) sphere to pass through the opening where the opening is in its largest opened position.
- Operable windows that are provided with window fall prevention devices that comply with ASTM F 2090.
- Operable windows that are provided with window opening control devices that comply with Section R312.2.2.

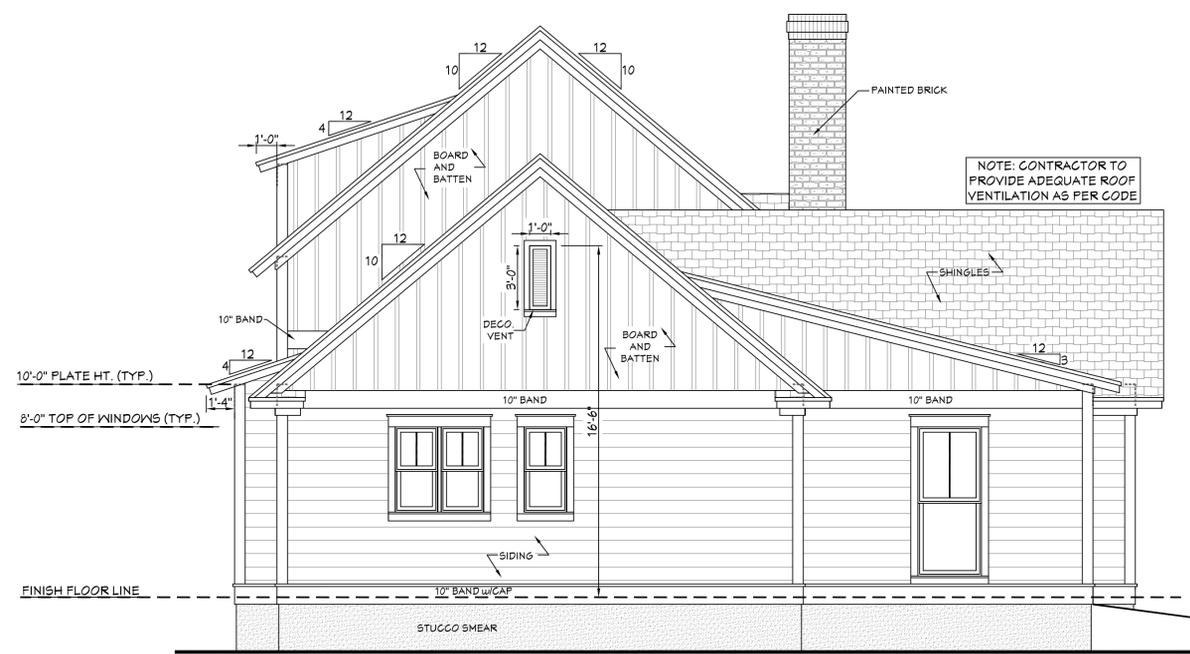
R312.2.2 Window opening control devices. Window opening control devices shall comply with ASTM F 2090.

R310.2.3.1 Ladder or steps. The ladder or steps required by Section R310.2.3.1 shall be permitted to encroach not more than 6 inches (152 mm) into the required dimensions of the window well.

SCALE----- NT5

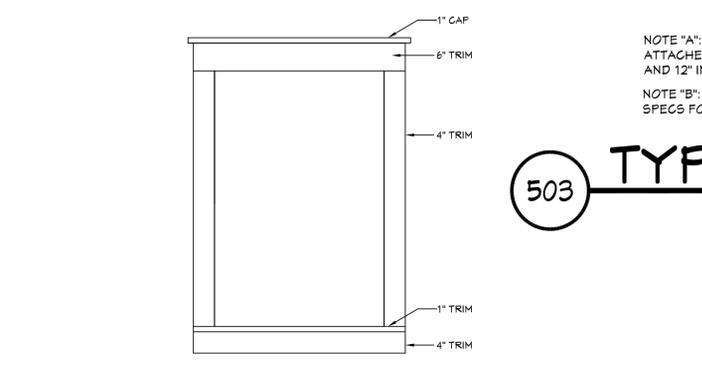
OPENING SIZES/ EGRESS

SCALE----- NT5



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

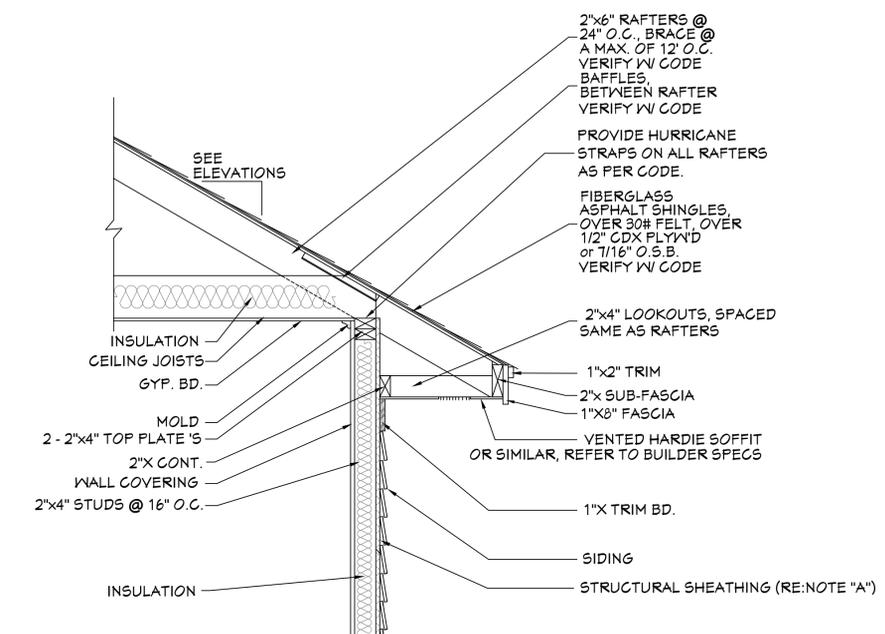
NOTE: CONTRACTOR TO PROVIDE ADEQUATE ROOF VENTILATION AS PER CODE



504 DOOR/WINDOW TRIM
SCALE----- N.T.S.

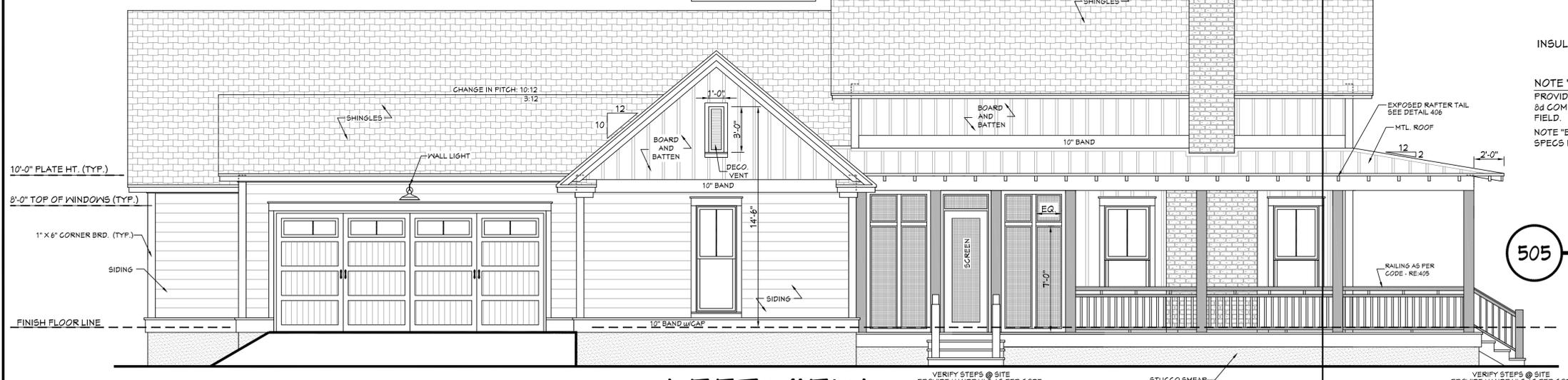
503 TYP. CORNICE DETAIL
SCALE----- 3/4" = 1'-0"

NOTE "A": PROVIDE A MINIMUM OF 1/16" 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.



NOTE "A": PROVIDE A MINIMUM OF 1/16" 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.

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



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

VERIFY STEPS @ SITE PROVIDE HANDRAILS AS PER CODE

VERIFY STEPS @ SITE PROVIDE HANDRAILS AS PER CODE

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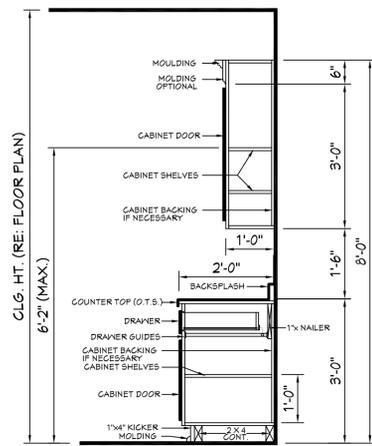
Pre-Drawn Plan ID:
2510H-S

Date:
06.28.19
Drawn By:
C.T.B.

SHEET NUMBER
5

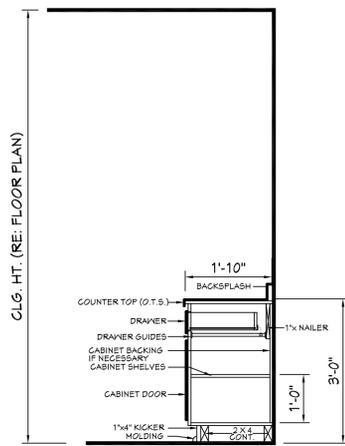
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KITCHEN

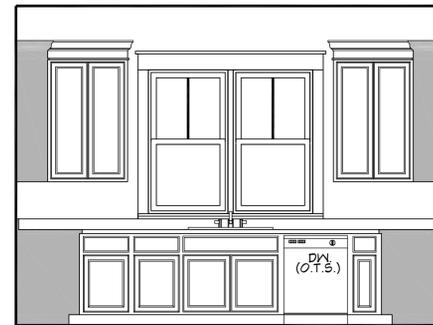


602 TYPICAL CABINET SECTIONS
SCALE:.....N.T.S.

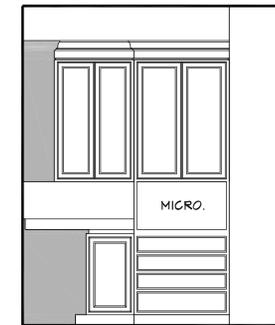
BATH



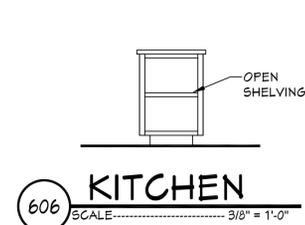
603 KITCHEN
SCALE:.....3/8"=1'-0"



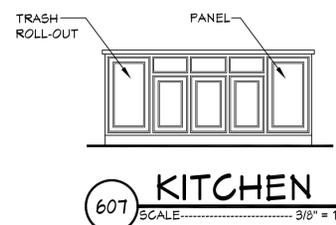
604 KITCHEN
SCALE:.....3/8"=1'-0"



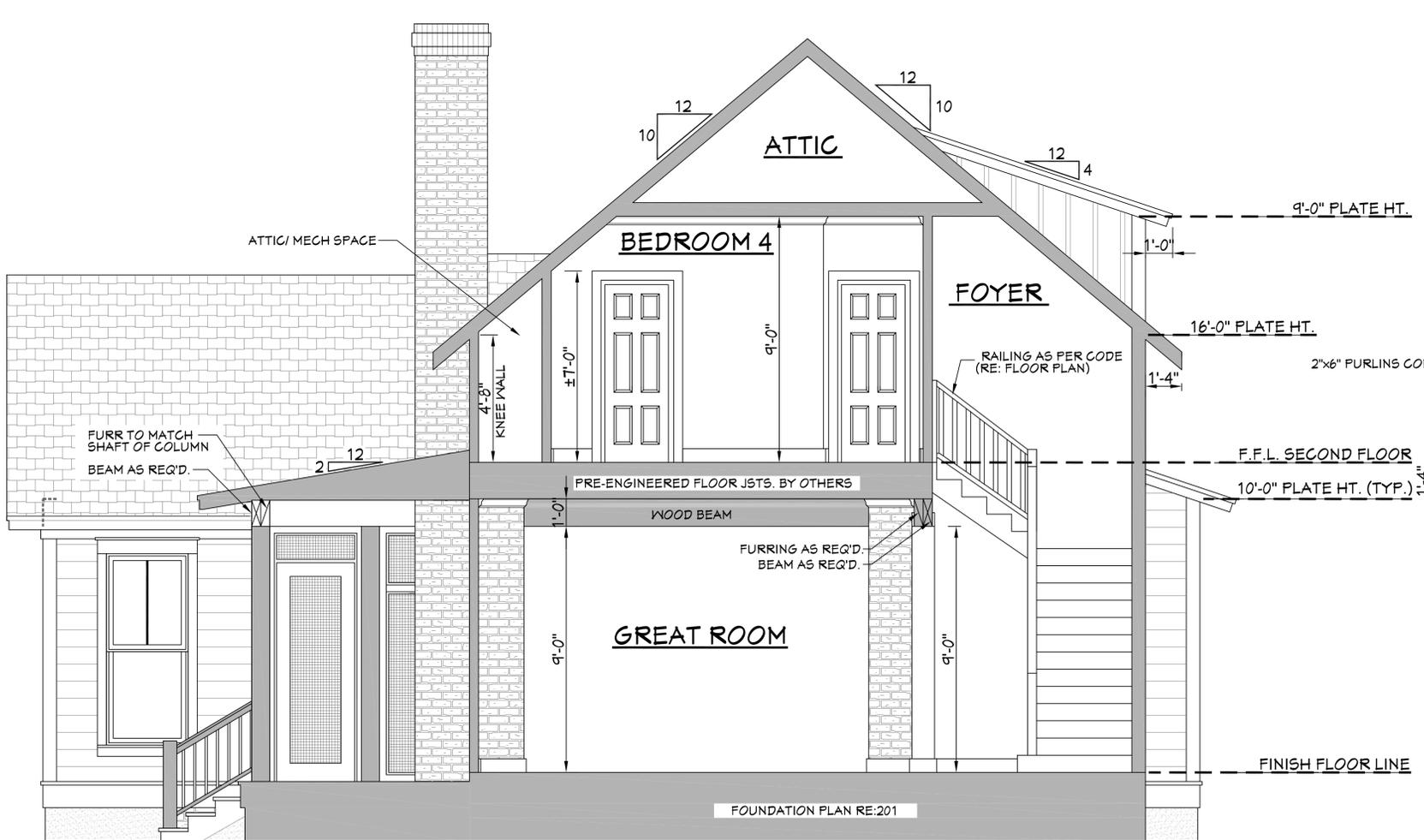
605 KITCHEN
SCALE:.....3/8"=1'-0"



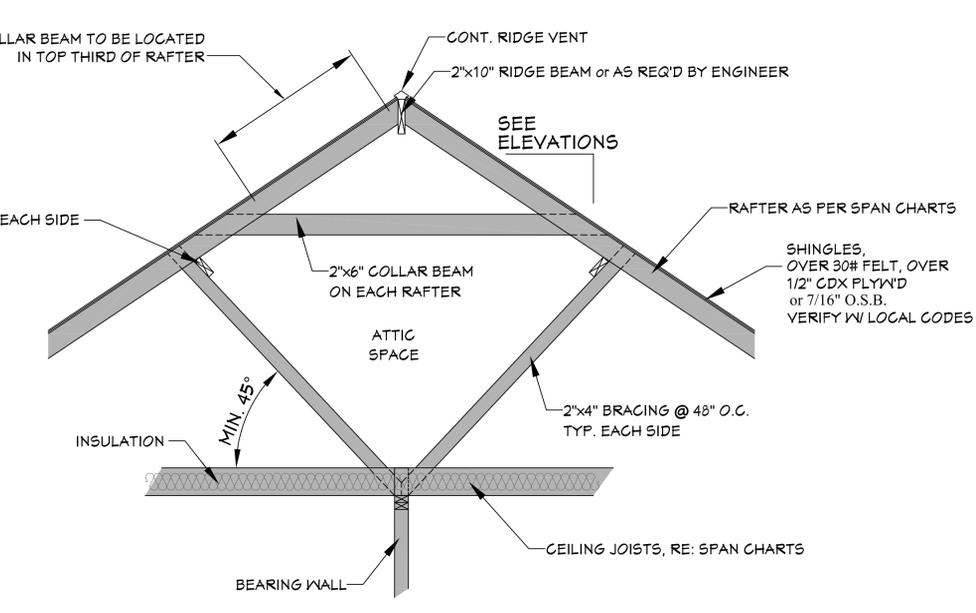
606 KITCHEN
SCALE:.....3/8"=1'-0"



607 KITCHEN
SCALE:.....3/8"=1'-0"



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

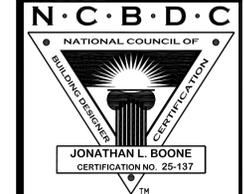


608 TYPICAL ROOF BRACING
SCALE:.....N.T.S.

- 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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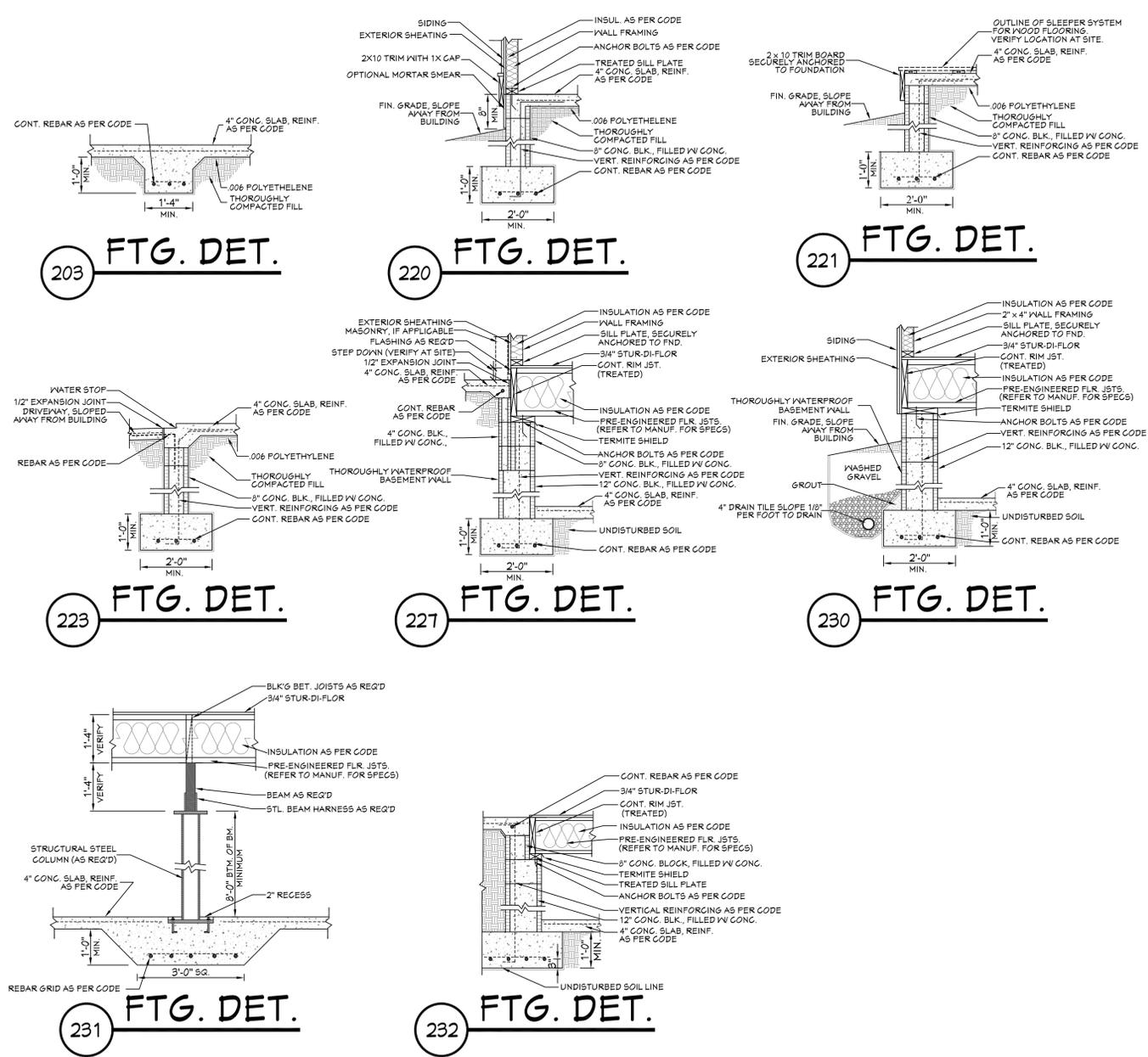
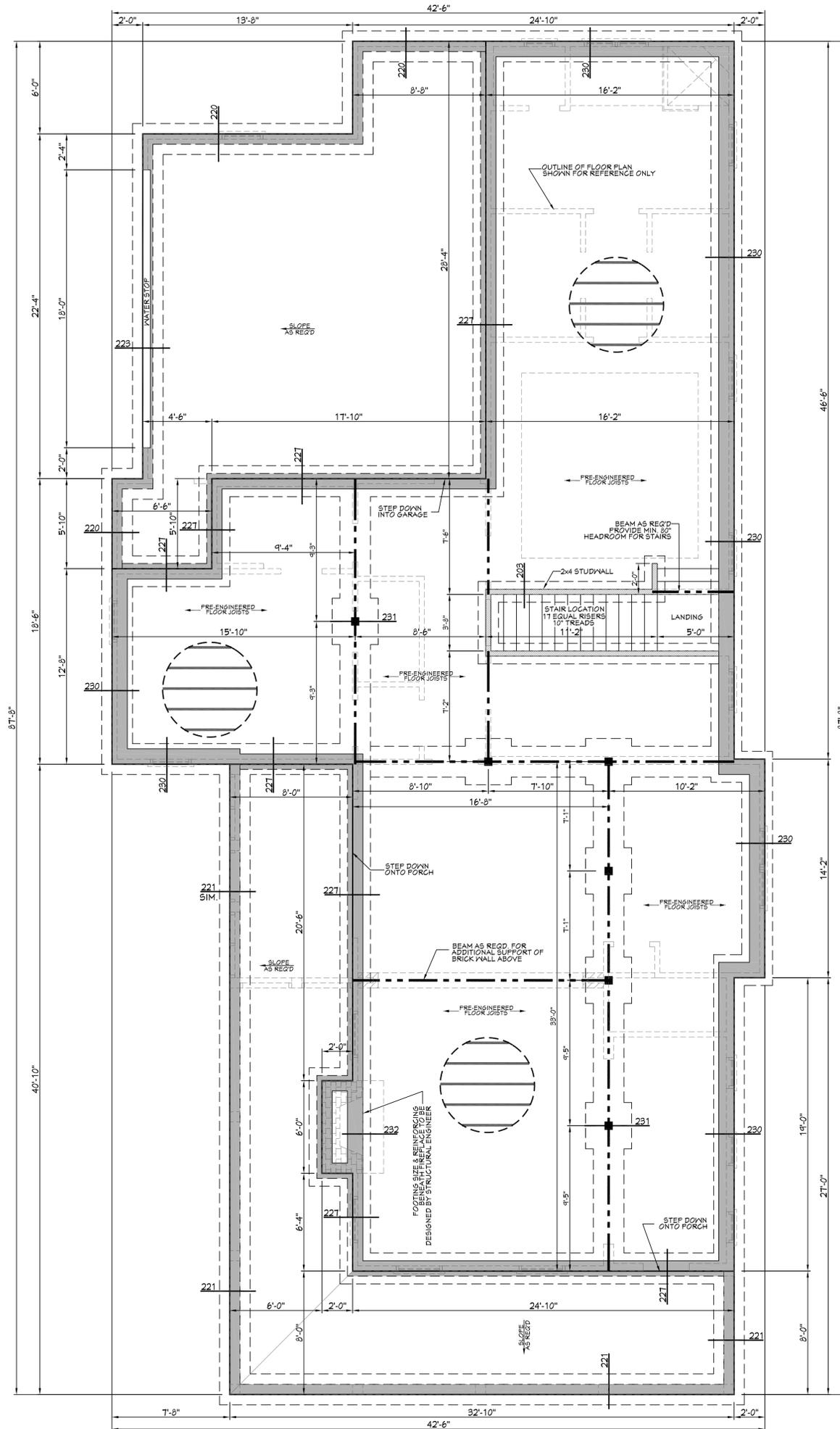


Pre-Drawn Plan ID:
2510H-S

Date:
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SHEET NUMBER
6

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- BASEMENT 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.
 6. CONTRACTOR TO PROVIDE ADEQUATE DRAINAGE BASED ON EXISTING SITE CONDITIONS. VERIFY w/LOCAL CODES.
 7. REFER TO FLOOR JOIST MANUFACTURER FOR JOIST SIZING AND SPACING, CROSS BRACING REQUIREMENTS, AND BEAM SIZES.
 8. PROVIDE JOISTS UNDER ALL WALLS RUNNING PARALLEL

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

- NOTES:**
- 1.) CONTRACTOR TO PROVIDE EGRESS FOR BASEMENT. (VERIFY REQUIREMENTS w/LOCAL CODES.)
 - 2.) PRE-ENGINEERED FLOOR JOISTS ARE SHOWN. REFER TO MANUFACTURER FOR FURTHER DETAILS.



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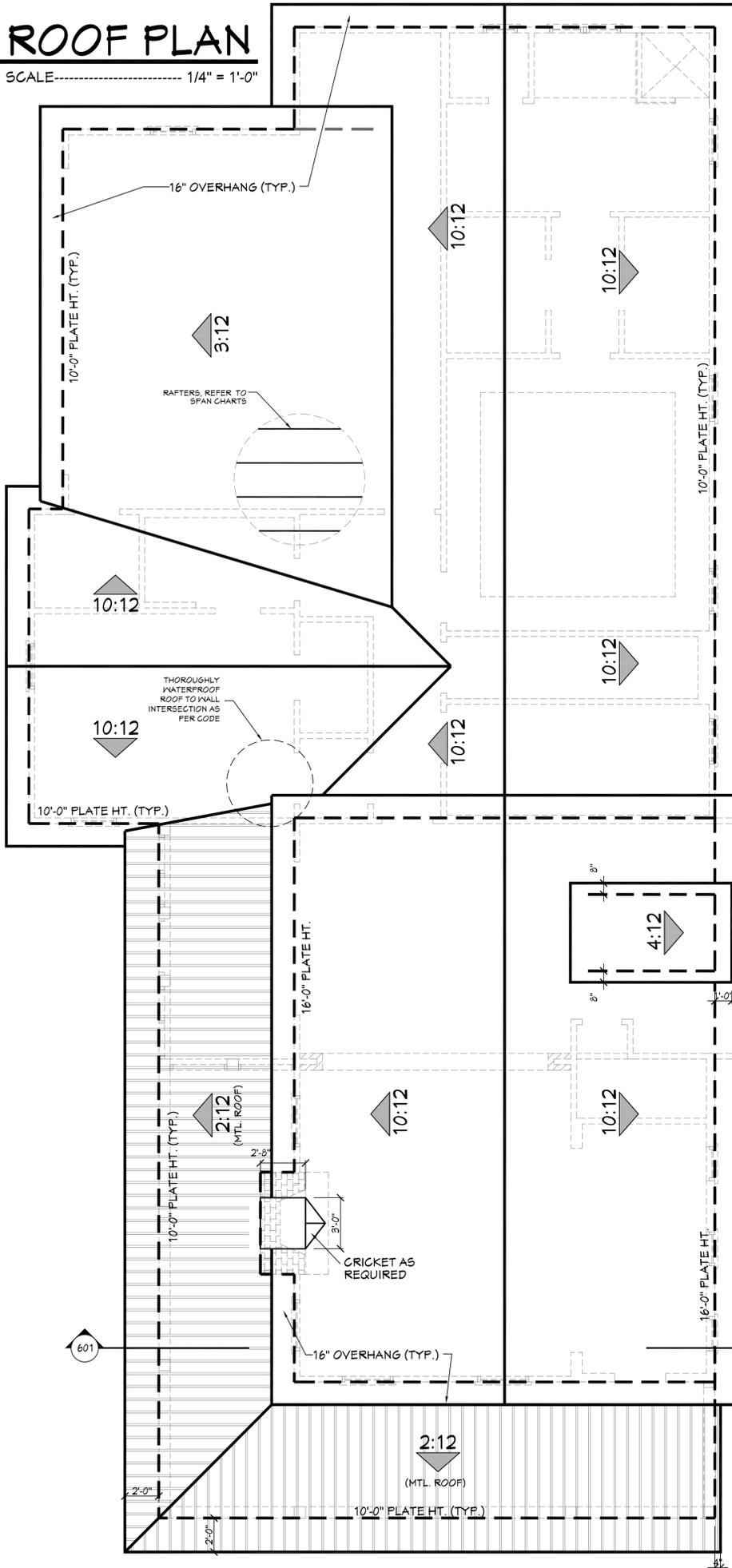
Pre-Drawn Plan ID:
2510H-S

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Date:
06.28.19
Drawn By:
C.A.B.

SHEET NUMBER
2

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



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

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

CEILING JOIST SPANS
CEILING JOIST SPANS FOR SOUTHERN PINE SPECIES
(UNINHABITABLE ATTICS WITH LIMITED STORAGE, LIVE LOAD = 20psf, L/A=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
	12.0	13-11
2 x 6	16.0	12-0
	19.2	11-0
	24.0	9-10
	12.0	17-7
2 x 8	16.0	15-3
	19.2	13-11
	24.0	12-6
	12.0	20-11
2 x 10	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 LENGTH CHART

ROOF FITCH	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

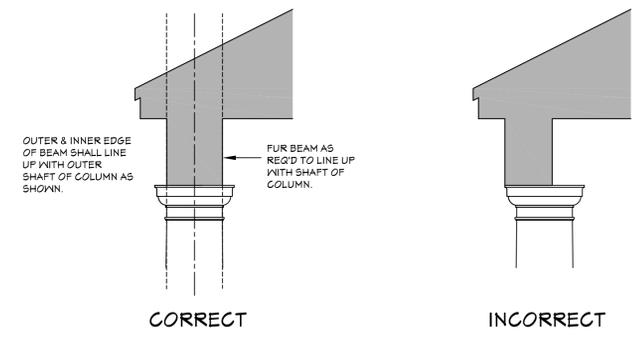
MULTIPLY HORIZONTAL SPAN OF MEMBER BY FACTOR. CHOOSE APPROPRIATE FACTOR BY ROOF FITCH.

HIP/VALLEY CONVERSION

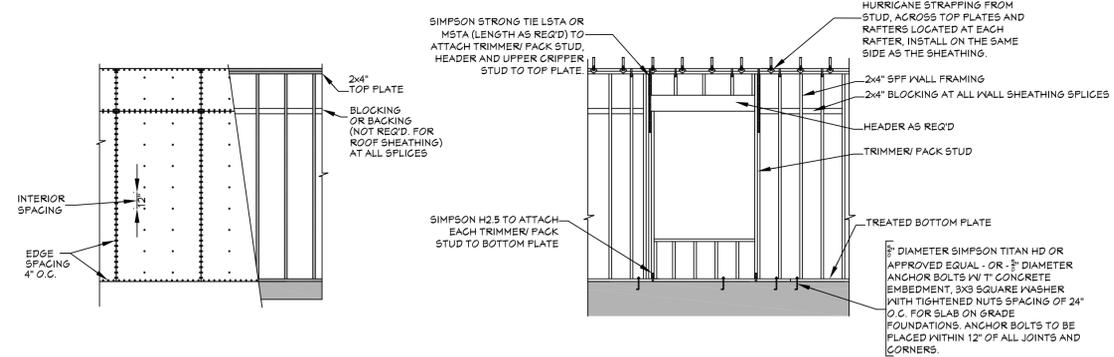
IF COMMON RAFTER ROOF FITCH IS:		THEN HIP/VALLEY RAFTER ROOF FITCH BECOMES:	
RISE/RUN	SLOPE	RISE/RUN	SLOPE
1/12	5°	1/17	3°
2/12	10°	2/17	7°
3/12	14°	3/17	10°
4/12	18°	4/17	13°
5/12	23°	5/17	16°
6/12	27°	6/17	19°
7/12	30°	7/17	22°
8/12	34°	8/17	25°
9/12	37°	9/17	28°
10/12	40°	10/17	30°
11/12	42°	11/17	33°
12/12	45°	12/17	35°

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

- 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.
 7. ALL ROOF PENETRATIONS TO BE ON SIDES OR REAR OF RESIDENCE. ALL PVC VENTS SHALL BE PAINTED BLACK OR TO MATCH ROOFING.



702 COLUMN/ BEAM LOCATIONS
SCALE----- N.T.S.



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

NAIL SIZE SPACING FOR WALL SHEATHING
8d NAILS
MIN. OF 1/16" O.S.B.
EDGE SPACING = 4" O.C.
INTERIOR SPACING = 12" O.C.

NAIL SIZE SPACING FOR ROOF SHEATHING
8d NAILS
MIN. OF 1/16" 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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Pre-Drawn Plan ID:
2510H-S

Date:
06.28.19
Drawn By:
C.A.B.

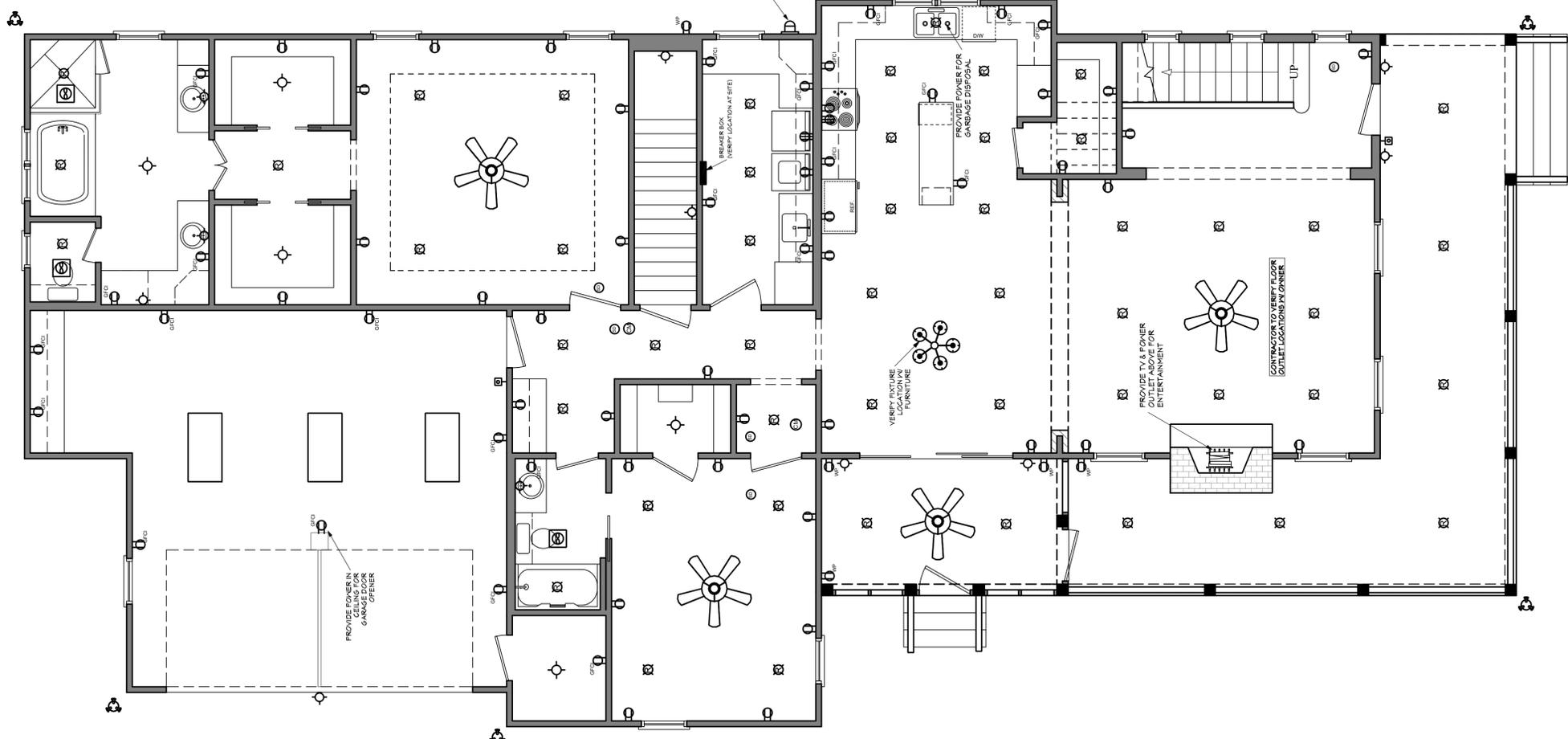
SHEET NUMBER
7

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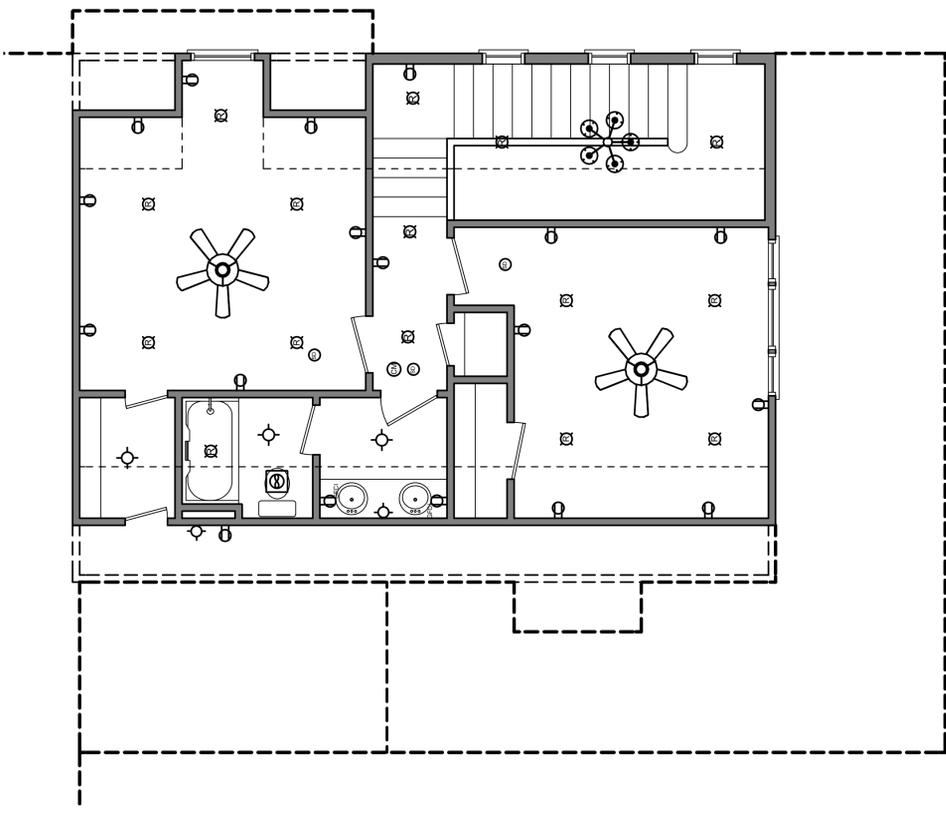
ELECTRICAL SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
	110 VOLT OUTLET
	GROUND FAULT PROTECTED OUTLET
	WEATHERPROOF OUTLET
	220 VOLT RECEPTACLE
	FLOOR OUTLET (OWNER TO LOCATE)
	CEILING HUNG FIXTURE
	OVERHANG MOUNTED FLOODLIGHTS
	WALL MOUNTED FLOODLIGHTS
	RECESSED CEILING FIXTURE
	FLUORESCENT LIGHT
	SMOKE DETECTOR
	SWITCH
	THREE WAY SWITCH
	WALL MOUNTED LIGHT
	DIMMER SWITCH (OWNER TO LOCATE)
	DOOR ACTIVATED SWITCH
	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
	EMERGENCY LIGHTING/EXIT SIGN
	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 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.



FIRST FLOOR ELECTRICAL PLAN



SECOND FLOOR ELECTRICAL PLAN

Pre-Drawn Plan ID:

2510H-S

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Date: 06.28.19

Drawn By: C.J.M.

Project Name:

SHEET NUMBER

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 CERTIFICATION NO. 25-137

Plat Plan for 652 Boston Mills Road





624 Boston Mills Rd.

624





6640

ADT

6640





