

### MAIN FLOOR PLAN NOTES

**PLAN SPECIFIC 2018 WSEC, SECTION R06**

R406.2 ADDITIONAL ENERGY EFFICIENCY REQUIREMENTS (MANDATORY). THIS RESIDENTIAL DWELLING SHALL COMPLY w/SUFFICIENT OPTIONS FROM TABLE R406.2 TO ACHIEVE THE FOLLOWING MIN. NUMBER OF CREDITS:

6 FOR a 150sqft to 4,999sq HOME.

CREDITS PROVIDED IN THIS HOME AS FOLLOWS:

**EFFICIENT BUILDING ENVELOPE OPT. 1.3 - 0.5 CREDITS**

PRESCRIPTIVE COMPLIANCE IS BASED ON TABLE R402.11 WITH FOLLOWING MODIFICATIONS:

VERTICAL PENETRATION U = 0.28 WINDOWS

FLOORS TO BE R-38 and SLAB ON GRADE TO BE R-10 PERIMETER and UNDER ENTIRE SLAB BELOW GRADE.

**HIGH EFFICIENCY HVAC EQUIPMENT OPT. 3.5a - 1.5 CREDITS**

AIR-SOURCE, CENTRALLY DUCTED HEAT PUMP WITH MINIMUM HSPF OF 11.0. TO QUALIFY TO CLAIM THIS CREDIT, THE BUILDING PERMIT DRAWINGS SHALL SPECIFY THE OPTION BEING SELECTED AND SHALL SPECIFY THE HEATING EQUIPMENT EFFICIENCY. EXTERIOR LOCATED EQUIPMENT SHOULD ALSO BE REPRESENTED ON SITE PLAN.

**HIGH EFFICIENCY HVAC DISTRIBUTION OPT. 4.2 - 1.0 CREDITS**

HVAC EQUIPMENT AND ASSOCIATED DUCT SYSTEM(S) SHALL COMPLY WITH THE REQUIREMENTS OF SECT R403.3.1. LOCATING SYSTEM COMPONENTS IN CONDITIONED GRAVE SPACES IS NOT PERMITTED UNDER THIS OPTION. ELECTRIC RESISTANCE HEAT AND DUCTLESS HEAT PUMPS ARE NOT PERMITTED UNDER THIS OPTION. DIRECT COMBUSTION HEATING EQUIPMENT WITH AFUE LESS THAN 80% IS NOT PERMITTED UNDER THIS OPTION.

**EFFICIENT WATER HEATING 5.5 - 2.0 CREDITS**

WATER HEATING SYSTEMS SHALL INCLUDE ONE OF THE FOLLOWING: ELECTRIC HEAT PUMP WATER HEATER MEETING THE STANDARDS FOR TIER III OF NEEA'S ADVANCED WATER HEATING SPECIFICATION. TO QUALIFY TO CLAIM THIS CREDIT, THE BUILDING PERMIT DRAWINGS SHALL SPECIFY THE OPTION BEING SELECTED AND SHALL SPECIFY THE WATER HEATER EQUIPMENT TYPE AND THE MINIMUM EQUIPMENT EFFICIENCY.

**WHOLE HOUSE VENTILATION**

PROVIDE WHOLE HOUSE VENTILATION per 2018 IRC, M505.4.3(1) and IMC R403.8. THE WHOLE-HOUSE MECHANICAL VENTILATION SYSTEM SHALL PROVIDE OUTDOOR AIR AT A CONTINUOUS RATE AS DETERMINED IN ACCORDANCE WITH TABLE M505.4.3(1) OR EQUATION 15.

SYMBOL	LOCATION	MIN. FAN REQUIREMENTS (ALL FANS VENT TO OUTSIDE)
	BATH 4 FINDER	MIN. 50cfm, INTERMITTENT at .025kg per TABLE M507.4
	KITCHEN	MIN. 100cfm, INTERMITTENT at .025kg per TBL. M507.4
	RANGE HOOD	MIN. 100cfm, INTERMITTENT at .025kg per TBL. M507.4
	LAUNDRY ROOM	MIN. 36cfm, INTERMITTENT at .025kg TO FUNCTION AS WHOLE HOUSE FAN (WHF)

MECHANICAL CONTRACTOR TO SIZE WHF, FAN AND SET OPERATING TIMER per TABLE M507.3(1) FOR A 4.501-5.000sq. DWELLING w/ 5 OR MORE BEDRMS. TO OPERATE INTERMITTENTLY and CONTINUOUSLY per TABLE M507.3(2)

PROVIDE CONTROLS FOR WHF per M507.3.2 AFFIX LABEL TO CONTROLS THAT READS "WHOLE HOUSE VENTILATION - SEE OPERATING INSTRUCTIONS"

PER IRC M505.4.1.1, WHOLE HOUSE VENTILATION FANS MUST BE RATED FOR SOUND AT A MAXIMUM OF 1.0 SONE. THIS SOUND RATING SHALL BE AT A MINIMUM OF 0.1 IN. KG. STATIC PRESSURE IN ACCORDANCE WITH HVAC PROCEDURES SPECIFIED IN IRC M505.4.1.2 AND M505.4.1.3

CARBON MONOXIDE ALARMS/DETECTORS ARE REQUIRED TO BE INTERCONNECTED PER IRC 315.5

**SQUARE FOOTAGE SUMMARY**

MAIN FLOOR AREA	1,435 S.F.
UPPER FLOOR AREA	1,602 S.F.
TOTAL CONDITIONED AREA	3,507 S.F.
2 CAR TANDEM GARAGE	544 S.F.
COVERED PATIO	243 S.F.
COVERED PORCH	121 S.F.
TOTAL AREA UNDER ROOF	4,420 S.F.

OVERALL WIDTH: 51'-6"

OVERALL DEPTH: 62'-6"

Updated: 10/26/2011

Method for Calculating Square Footage - ANSI Z390-2013 except, no separate distinction of 'above-grade or below-grade' areas, and each level is measured to the outside of studs not the exterior finished surface.

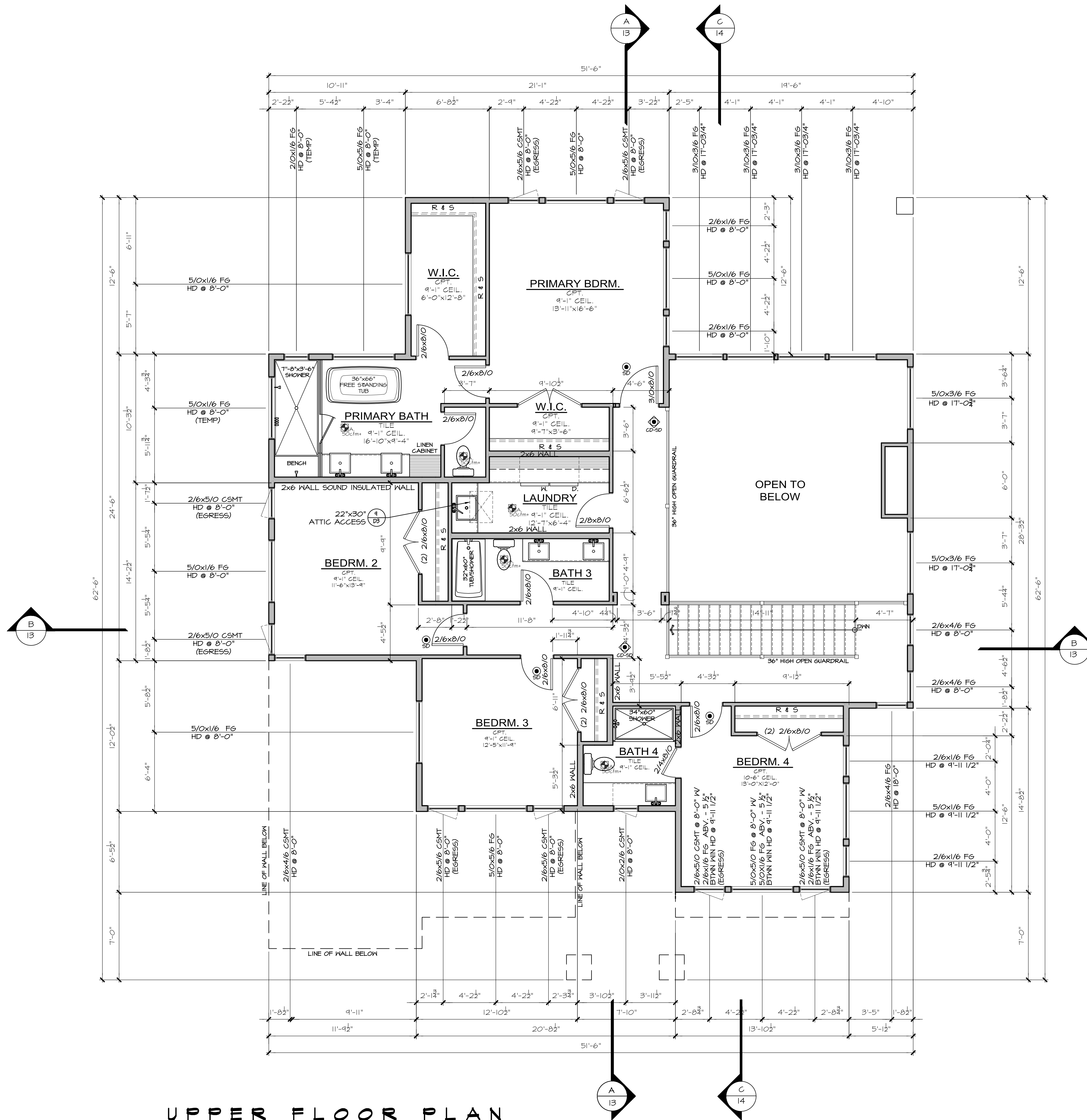
Square footage calculations for this house were made based on plan dimensions only and may vary from the finished square footage of the house as built.

See Sheet "CODES" for additional Zoning required Area Calculations

**MAIN FLOOR PLAN**

1/4" = 1'-0"

Sheet Title/Description



**UPPER FLOOR PLAN**

1/4" = 1'-0"

SQUARE FOOTAGE SUMMARY	
MAIN FLOOR AREA	1,405 S.F.
UPPER FLOOR AREA	1,602 S.F.
TOTAL CONDITIONED AREA	3,507 S.F.
2 CAR TANDEM GARAGE	544 S.F.
COVID PATIO	243 S.F.
COVID PORCH	121 S.F.
TOTAL AREA UNDER ROOF	4,420 S.F.
OVERALL WIDTH	51'-6"
OVERALL DEPTH	62'-6"

Updated: 10/xx/2011  
 Method for Calculating Square Footage - ANSI Z765-2013 (except, no separate distinction of above-grade or below-grade) areas per each level is measured to the outside of studs not the exterior finished surface.  
 Square Footage calculations for this house were made based on plan dimensions only and may vary from the finished square footage of the house as built.  
 See Sheet "CODES" for additional Zoning required Area Calculations

Sheet Title/Description



**PROPOSED FRONT ELEVATION**

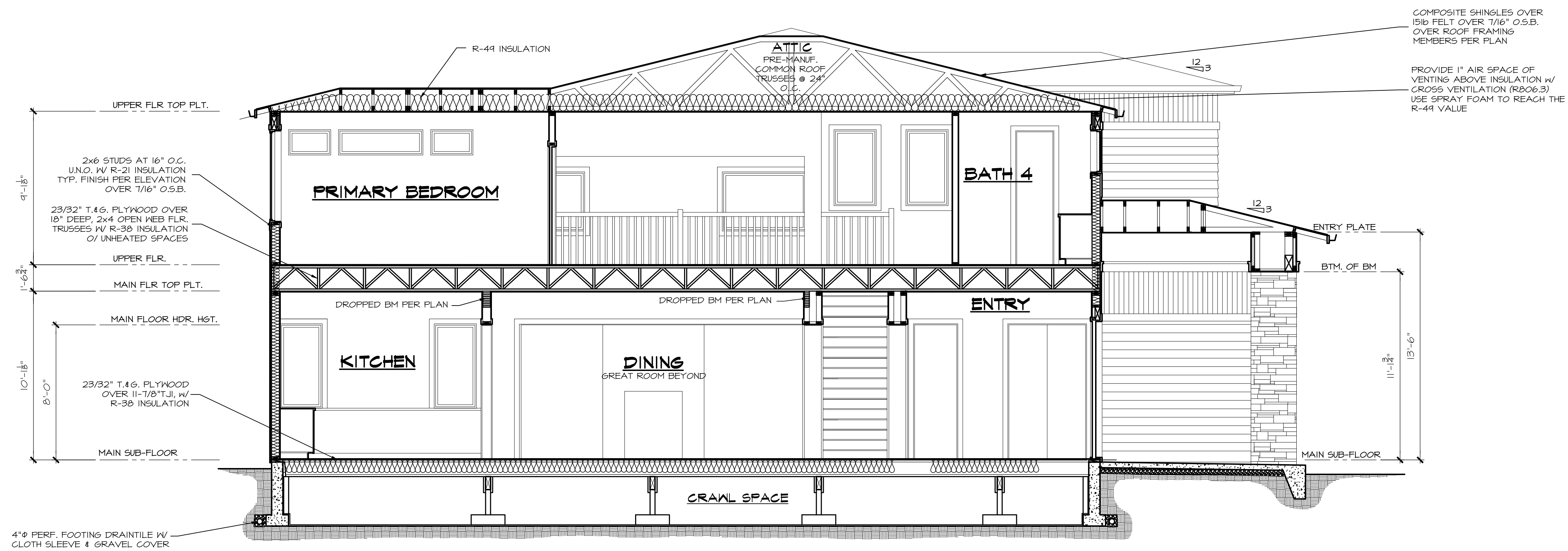
1/4" = 1'-0"



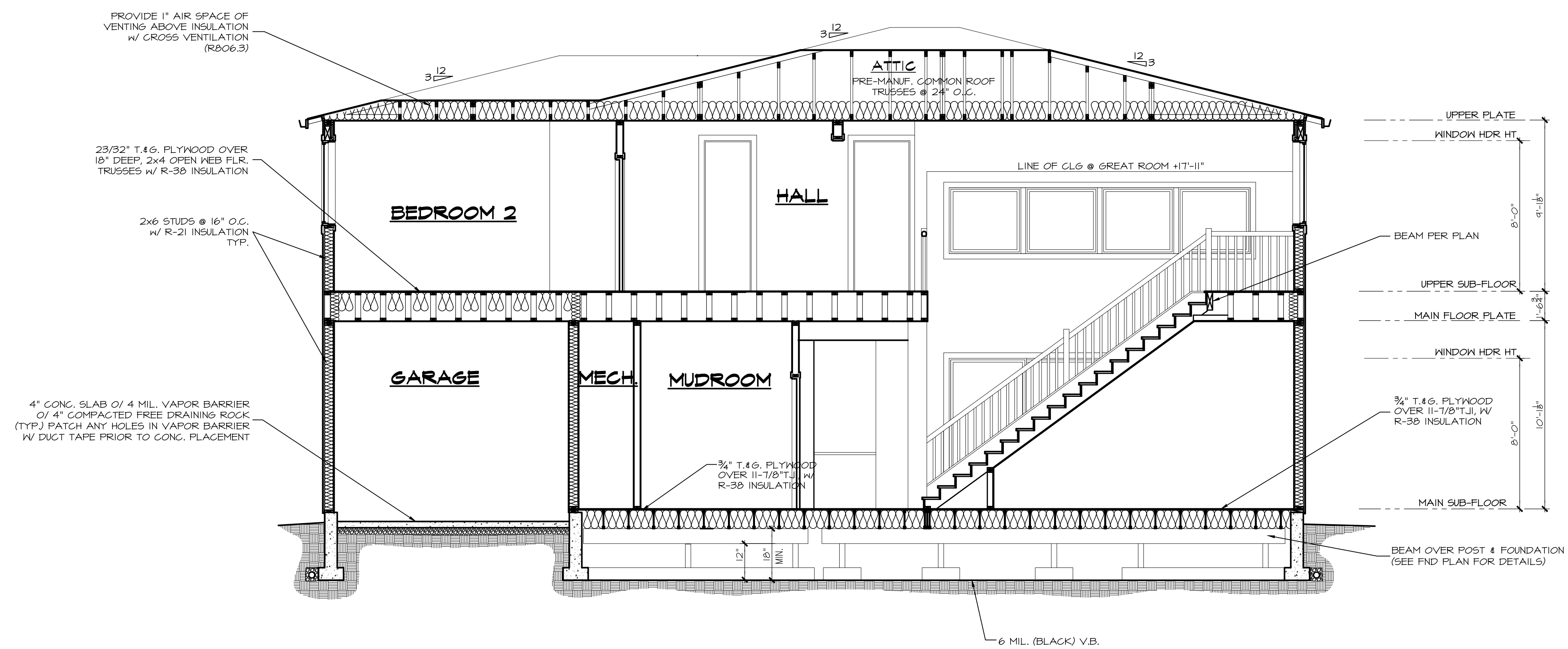
**PROPOSED LEFT ELEVATION**

1/4" = 1'-0"

Sheet Title/Description



**A BUILDING SECTION**  
 $\frac{1}{4}'' = 1'-0''$



**B BUILDING SECTION**  
 $\frac{1}{4}'' = 1'-0''$