

2021 OREGON RESIDENTIAL BUILDING CODE

N1105.3 – INSTALLATION OF DUCTS

ALL NEW DUCT SYSTEMS, AIR HANDLING EQUIPMENT AND APPLIANCES SHALL BE LOCATED FULLY WITHIN THE BUILDING THERMAL ENVELOPE.

1. VENTILATION INTAKE AND EXHAUST DUCTWORK.
2. UP TO 5% OF THE LENGTH OF AN HVAC SYSTEM DUCTWORK SHALL BE PERMITTED TO BE LOCATED OUTSIDE OF THE THERMAL ENVELOPE.
3. DUCTS DEEPLY BURIED IN INSULATION IN ACCORDANCE WITH ALL THE FOLLOWING:
 - A. INSULATION SHALL BE INSTALLED TO FILL GAPS AND Voids BETWEEN THE DUCT AND THE CEILING, AND A MINIMUM OF R-19 INSULATION SHALL BE INSTALLED ABOVE THE DUCT BETWEEN THE DUCT AND UNCONDITIONED ATTIC.
 - B. INSULATION DEPTH MARKER FLAGS SHALL BE INSTALLED ON THE DUCTS EVERY 10 FEET OR AS APPROVED BY BUILDING OFFICAL.

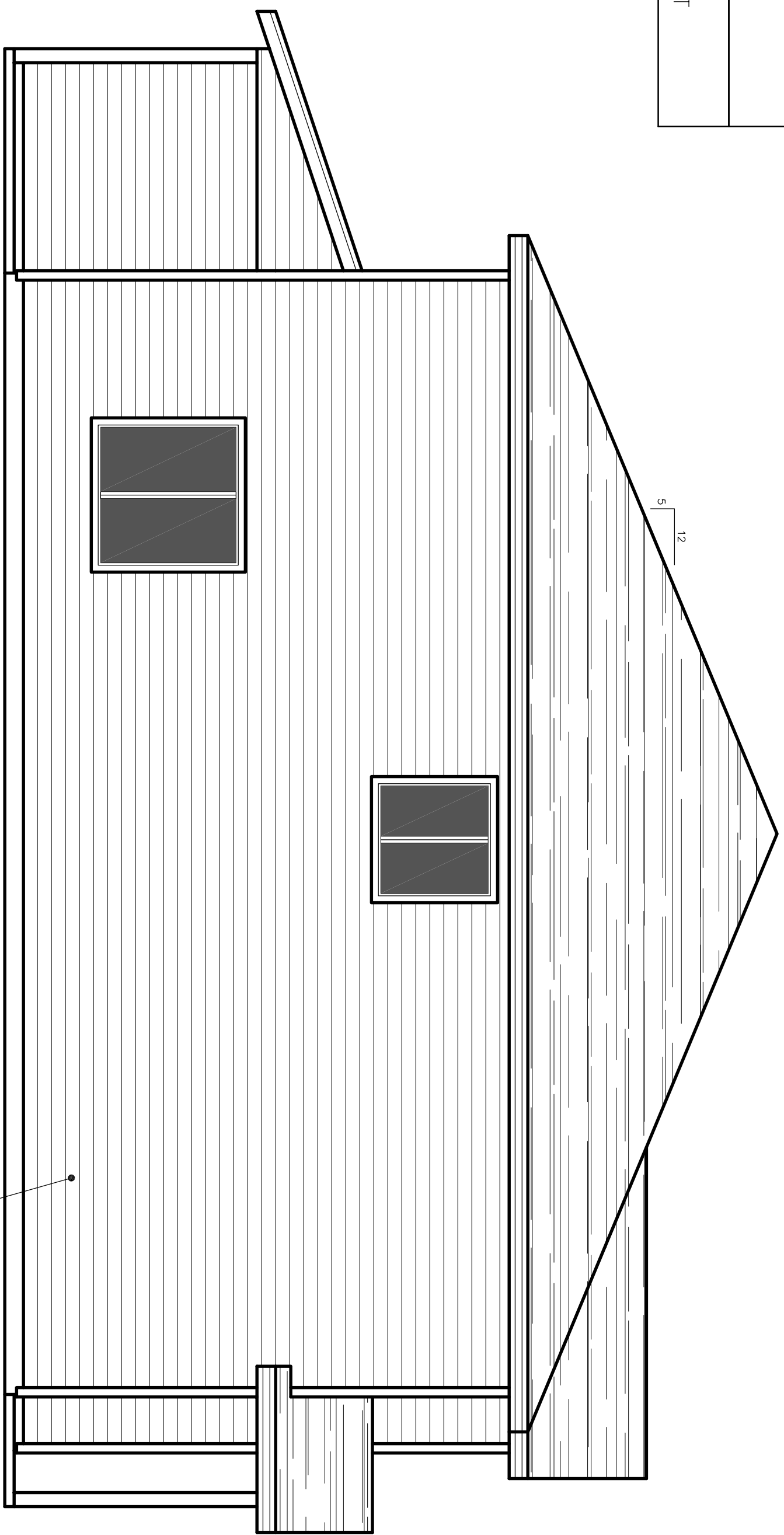
SECTION M1505.4 MECHANICAL WHOLE HOUSE VENTILATION SYSTEM (WHV) PER CONTRACTOR

TABLE N1101.1(2) – ADDITIONAL MEASURES

HIGH-EFFICIENCY HVAC SYSTEM ^a		
☒	1	a. GAS-FIRED FURNACE OR BOILER AFUE 94 PERCENT, OR b. AIR-SOURCE HEAT PUMP HSPF 10.0/14.0 SEER COOLING, OR c. GROUND-SOURCE HEAT PUMP COP 3.5 OR ENERGY STAR RATED
	WALL BRACING: ENGINEERED	
	HOUSE WRAP: WEATHER SMART	

NOTICE

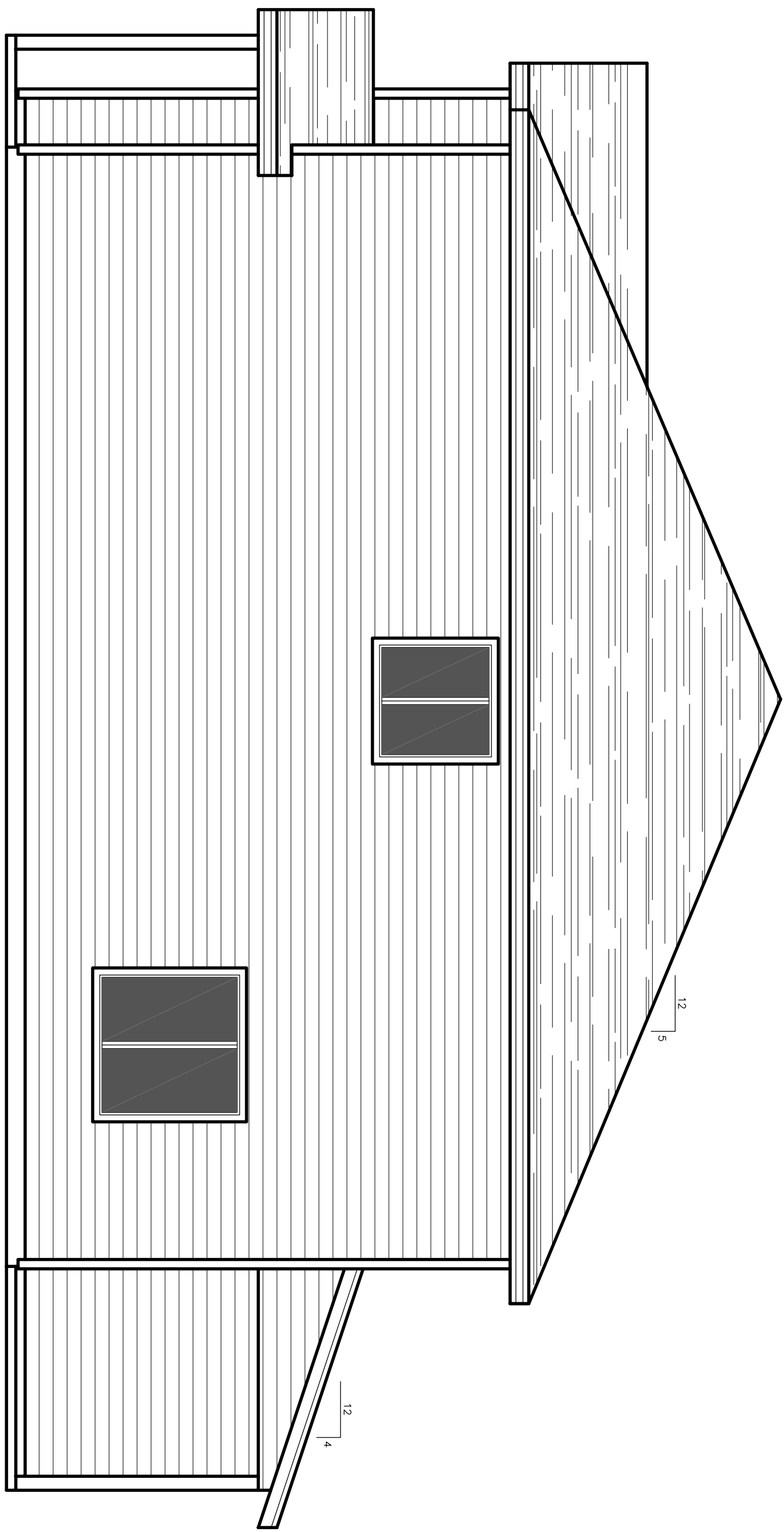
ALL FEDERAL, STATE, AND LOCAL CODES, ORDINANCES, REGULATIONS ECT. SHALL BE CONSIDERED AS PART OF SPECIFICATIONS FOR THIS BUILDING AND SHALL TAKE PREFERENCE OVER ANYTHING SHOWN, DESCRIBED, OR IMPLIED IN THESE BUILDING PLANS. COORDINATE ALL APPLICABLE MODIFICATIONS TO THESE DRAWINGS AS REQUIRED.



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

HARDY PLANK SIDING OVER APPROVED HOUSE WRAP, INSTALL SIDING/HOUSE WRAP AND WINDOWS PER CODE & MANUFACTURER'S INSTALLATION INSTRUCTIONS

ELEVATIONS ARE ARTISTIC RENDERINGS ONLY

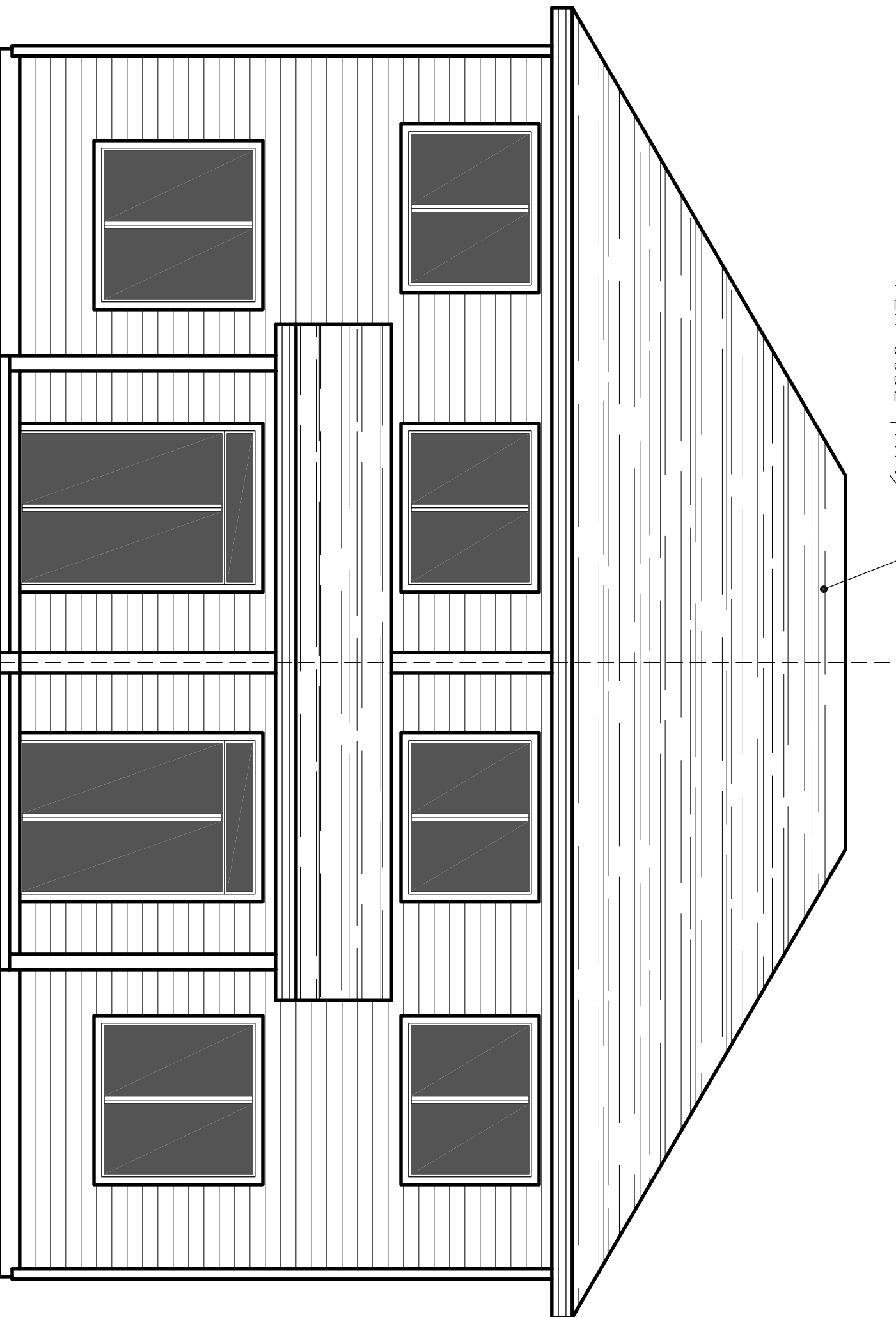


RIGHT ELEVATION SCALE: 1/4" = 1'-0"



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

STONE VENEER PER CONTRACTOR, MUST INSTALL PER CODE AND MANUFACTURER'S INSTALLATION INSTRUCTIONS (MFR.)



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

NOTE:

DESIGNER IS NOT AN ARCHITECT OR ENGINEER AND ASSUMES NO LIABILITY FOR THE PLANS IN PART OR WHOLE AND/OR THE CONSTRUCTION OF THE WORK CONTAINED HERE IN. A QUALIFIED PROFESSIONAL SHOULD REVIEW PLANS FOR ERRORS AND OMISSIONS. THESE PLANS SHOULD NOT BE UNDERTAKEN WITHOUT THE ASSISTANCE OF A QUALIFIED CONSTRUCTION PROFESSIONAL. THESE PLANS ARE INTENDED TO BE GUIDELINES FOR CONSTRUCTION THE CONTRACTOR RESERVES THE RIGHT TO MAKE SUCH MINOR DEVIATIONS AS DEEMED NECESSARY AS LONG AS SUCH DEVIATIONS PROMOTE THE OVERALL EFFICACY AND AESTHETICS OF THE PLAN CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. DESIGNER MUST BE NOTIFIED OF ANY DISCREPANCIES OR VARIATIONS OF AND FROM THESE DRAWINGS PRIOR TO WORK ON THE JOB.

INSTALLATION OF SIDING, HOUSE WRAP, AND WINDOWS TO BE PER CODE REQUIREMENTS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.

THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR THE CORRECT INSTALLATION OF ALL EXTERIOR FINISHES AND WEATHERPROOFING.