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Revise ACM to remove penalty when modeling other than metal framed walls

Please update the language in the Alternative Calculation Manual related to Wall Construction: Standard Design to remove the following sentence: 'The standard design construction is based on JA4 Table 4.3.3.'

JA4 Table 4.3.3 is U-Factors of Metal Framed Walls. This sentence requires all walls in the standard model to be metal framed, regardless of the wall type used in the proposed model. This results in a significant energy penalty when the proposed model uses any wall types other than metal framed walls (i.e., light mass, heavy mass, wood framed, and metal building walls). The developers of CBECC have confirmed the compliance software introduces an intended penalty due to this requirement in the ACM.

The sentence above also appears to conflict with the intent of the 2025 BEES Section 140.1 PERFORMANCE APPROACH (Part B) which states 'The source energy budget is determined by applying the mandatory and prescriptive requirements of the standard design to the proposed design building.' With the current ACM, walls that comply using a prescriptive compliance approach will not comply using a performance compliance approach. The ACM applies requirements that are more restrictive than mandatory and prescriptive code requirements.

The standard model wall types should match the wall types used in the proposed model with code compliant U-Factors based on that wall type. The standard model should not default all wall types to metal framed walls.