

(This foreword is provided for information only and is not part of the draft addendum.)

FOREWORD

Draft Addendum 90.1e – Publication Draft. Presently Section A3 states that heat capacity for above grade walls shall be taken from Tables A6 or A7. Those tables only cover the heat capacities for concrete walls and floors and masonry walls. Some concrete or masonry wall assemblies may include other materials, like plaster or gypsum board finishes that contribute to the heat capacity of the assembly. This change makes clear that the calculation procedures in Section A9 can also be used for determining heat capacity of assemblies not covered in Tables A6 or A7. The provisions in new Section A9.4.4 specify that the unit weights and specific heat of any of the components used in the calculation for the assembly must be documented.

Addendum 90.1e

Appendix A: Revise Appendix A as follows:

1. Revise Section A1.1:

A1.1 Pre-calculated Assembly U-Factors, C-Factors, ~~or~~ F-Factors or Heat Capacities. The *U-factors*, *C-factors*, ~~and~~ *F-factors* and heat capacities for typical construction assemblies are included in A2 through A8. (No change to remainder of section.)

2. Revise title to Section A1.2:

A1.2 Applicant determined Assembly U-Factors, C-Factors, ~~or~~ F-Factors or Heat Capacities.

3. Revise title to A9:

A9 Determination of Alternate Assembly U-Factors, C-Factors, ~~or~~ F-Factors or Heat Capacities.

4. Add new section A9.4.4:

A9.4.4 Building Material Heat Capacities: The *heat capacity* of assemblies shall be calculated using published values for the unit weight and specific heat of all building material components that make up the assembly.