



## COUNTY COMMISSIONERS

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COUNTY MANAGER: Dan LaMontagne

# BUILDING INSPECTIONS DEPARTMENT

## Policy/Procedure

### Re: Alternate Materials, Designs or Methods

Effective Date: 03.07.2023

Section 105 of the NC Administrative Code allows the use of alternate materials, designs or methods of construction, provided that the alternate has been approved by the Code Enforcement Official.

Alternates may be approved under the following conditions:

1. A separate proposal letter shall be submitted for each proposed alternate material, design or method, and shall include ALL of the following:
  - a. A statement that it is intended as a proposed alternate material, design or method under Section 105 of the NC Administrative Code and referencing any applicable provisions for alternates in other volumes of the NC Building Code.
  - b. The section number(s) of the Code section(s) that the proposal is intended to satisfy.
  - c. An explanation of the requirements and intent of the Code as understood by the designer, and an explanation of how the alternate meets them.
  - d. A statement by the North Carolina licensed Architect or Engineer of record, or other designer of record, that the alternate meets or exceeds the intent and provisions of the technical codes as required by NC Administrative Code Section 105.
  - e. The seal and signature of the North Carolina licensed Architect or Engineer of record, or name and signature of other designer of record.
  - f. Attachments (drawings, test reports, calculations, manufacturer's literature, etc.) as necessary.
2. Alternate materials, designs or methods shall be reviewed through the plan review process, or submitted as revisions to approved plans. Alternates proposed during construction that are of a nature that does not impact on plan configuration (such as material and product substitutions) may be approved without plan review.
3. Alternate materials, designs or methods may be implemented only after they have been approved by the Plan Review Department and Chief Building Inspector, and by the Chief Inspector for applicable mechanical, plumbing and electrical trades.
4. Approved alternate materials, designs or methods are only applicable to the case for which they are approved, and to the extent described in the proposal. They may not be construed to apply to other aspects of the project, or to other projects.