

## Introduction

The *NC State University Construction Guidelines* is presented to the design community as an aid to the design and construction of facilities and renovations at NC STATE University. The information collected here represents the efforts of many design, construction, operations, and safety professionals to provide uniform and relevant information to designers on minimum standards required for University work.

This edition of the *Guidelines* represents a significant modification of the 1998 edition. It is intended to be a companion document to the Physical Master Plan - *A Campus of Neighborhoods and Paths*, and to supplement the policies and procedures of the State Construction Office and the latest edition of the *State Construction Manual*. All professionals providing design and construction administration services to the University should be familiar with the *State Construction Manual* and have copies for reference.

The *Construction Guidelines* is provided as an aid to designers and to indicate minimum standards. These guidelines are intended to be Standards of Quality from which specifications can be developed. They are intended to assist the designer in clarifying what is unique or different about construction at NC STATE as compared to other universities or design and construction projects.

It is intended that this document will become a "living" document that will evolve as additional standards from varying areas are continuously reviewed and updated. Access to this document will be facilitated by use of the World Wide Web for the dissemination of updated sections rather than the entire volume.

The University gratefully recognizes and acknowledges the Design and Construction Standards as produced by the Department of Planning, Design, and Construction of Cornell University, which served as an inspiration and model for this edition of the *Construction Guidelines*.

The University also welcomes all recommendations for additions, corrections, and improvements to this document. As with any such document, this is a work in progress that will be constantly refined. Please send all comments to:

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### Organization of the *Construction Guidelines*

This handbook is organized in the following manner:

The Master Format of the Construction Specifications Institute serves as the global organizational structure in order to assist designers in quickly accessing particulars relative to a specific topic.

Two additional divisions have been added to the traditional 16 division structure in the *Construction Guidelines* as locations for information that is important but does not fit well into one of the standard divisions.

Division Zero - Planning and Design Issues contains general pre-design, programming, and space planning information that is necessary in designing certain University spaces and functions.

Division 17 Telecommunications is currently being proposed as an addition to the Master Format and serves well as a location for information pertaining to the important topic of voice and data communication that is a critical infrastructure to the University.

The Appendix contains supporting documentation including typical details.