

SPACE DESIGN FOR THE ACITC EDUCATIONAL TECHNOLOGY OFFICE
AREA USING A WORKPLACE NEIGHBORHOOD CONCEPT

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Master's Thesis submitted to the Faculty of the
Virginia Polytechnic Institute and State University
in partial fulfillment of the requirements for the degree of

MASTER OF SCIENCE

in

Housing, Interior Design, & Resource Management

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April 25, 1997
Blacksburg, Virginia

Keywords: Space, Design, Workplace, Neighborhood.
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(ABSTRACT)

Today, the workplace is undergoing dramatic changes, featuring increased team activities and informal interactions. The “work place neighborhood” is a design concept derived from a city planning theory that may solve the workplace design problems arising from these changes, and provided a focus for this project.

The Educational Technology office area of the Advanced Communication and Information Technology Center (ACITC) possesses the features representing the general workplace tendency today. The purpose of this project was to develop a workplace neighborhood space prototype for this office area. This prototype will provide a work environment conducive to team efforts and informal interactions and a “workplace neighborhood” space model for future reference.

The project had three design phases: design programming, design development, and design evaluation and revision. During the design programming, a survey questionnaire was distributed to all of the 12 Educational Technology employees and behavioral mapping observations were conducted. Then, a conceptual plan, a series of workplace space patterns and a floor plan were developed for the workplace neighborhood space prototype. Finally, computer models were prepared for three neighborhood units for design evaluation.

The result of the design evaluation indicated that the concerns between individual and group work spaces were not solved. The space prototype was revised, and a computer model of the revised space prototype was prepared. The revised space

prototype met the work patterns of the employees more closely and reflected the design concept of workplace neighborhood more clearly.

ACKNOWLEDGMENTS

This moment is exciting for me to be able to thank all the people who contributed to this master's thesis. First, I would like to thank my major advisor, Dr. Joan McLain-Kark for her time and effort devoted to this thesis. Without her timely guidance, enlightenment, and support, it would be impossible for me to have made such smooth progress. I would like to thank my committee members, Dr. Lennie Scott-Webber and Mr. Eric Wiedegreen for their precious time and advice. I also would like to take this opportunity to thank Dr. Jeanette Bowker for providing me the opportunity to study at Virginia Tech.

Sincere gratitude is due to Mr. Tom Head and his staff in the Educational Technology Center, Virginia Tech. They supported me tremendously in the data collection and design evaluation phase. Without their help, this thesis would not have been finished.

I would also like to thank all my friends in the HIDM department for their constant support and encouragement. Special thanks should be to Shari Park-Gates, Rebecca Wood and Elizabeth Demerchant who helped in the questionnaire development.

Finally, I deeply appreciate my parents and brother for their blessings, support, encouragement, and most importantly, their belief in me that I will make them proud.

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