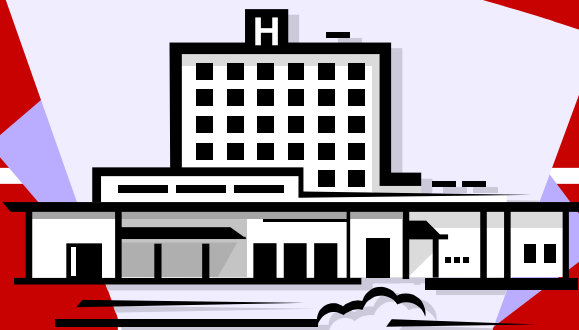


**DEVELOPMENT STUDY -**

# **VA HOSPITAL BUILDING SYSTEM**

**RESEARCH STUDY REPORT**



**RESEARCH STAFF  
OFFICE OF CONSTRUCTION  
VETERANS ADMINISTRATION  
WASHINGTON, D.C. 20420**

**Development Study -**

# **VA Hospital Building System**

Application of the Principles of Systems Integration  
to the Design of VA Hospital Facilities

Research Study Report  
Project Number 99-R047

Prepared by the Joint Venture of  
Building Systems Development and  
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for the Research Staff  
Office of Construction  
Veterans Administration  
Washington, D.C.

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## Foreword

This report consists of three parts, the major functional content of the material in each part being so independent of one another that each part is referred to as "Volume".

Volume One, the Design Manual, is the primary product of the project. It is intended to be a basic document for the VA and for A/E contractors working on system hospitals. It is structured so that the Office of Construction may adopt it in whole or in part as a Construction Standard, and subject it to regular review and revision. It describes the Building System Prototype Design and suggests a general procedure by which the Design may be utilized on a building project.

Volume Two, the Data Base, contains information on user needs, functional requirements, costs of existing hospitals, labor unions, and laws and regulations. It is intended to serve in conjunction with the Design Manual during application of the system to a specific building project.

Volume Three, the Project Report, is the consultants account to the Veterans Administration of the systems integration program. It provides a summary, conclusions, recommendations, and various appendices such as the design rationale, example designs, special procedures and the cost and time analysis.

An overview of the project may be obtained by reading Section 100, Basic Concepts, in the Design Manual, and Section 600, Narrative, in the Project Report.

It will be noticed by the reader of the full report that a number of ideas are repeated in several places. This is intended to allow a certain amount of independence among the volumes, and to assure that significant points will not be missed by those reading only limited portions of the text.

## Acknowledgements

We are indebted to the many persons in the Veterans Administration who gave so generously of their time. We would like to thank those officers in the Department of Medicine and Surgery and the Office of Construction, and the staff of the hospitals visited, for their most helpful advice and encouragement.

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