

Guide to Excellent Interiors



US Army Corps
of Engineers®

Guide to Excellent Interiors



Lobby, Gunter AFB



Dining, Reynolds Army Hospital



Shop, Mountain Home AFB



Medical, Reynolds Army Hospital

Value of Interior Design

We all expect a facility to be functional and maintainable. Achieving coordination of the building interior and furnishings, meeting human ergonomic and psychological needs, and providing optimum aesthetic effect are identifiable and attainable goals for every interior design project.

People's reactions to interior environments is critical to the success of every facility type. These reactions were first identified in healthcare facilities, where color, texture, lighting, furnishings, and finishes all contribute to creating an environment which supports patient recovery and well-being.

Training, maintenance, laboratories, logistic support, medical, administrative, residential, morale, welfare and recreation facilities all have unique functional and aesthetic requirements. When these requirements are satisfied, workers, residents, and customers react positively, take pride in their contributions and in the facility, and perform to their maximum potential.

Why should you insist on comprehensive interior design in your facilities?

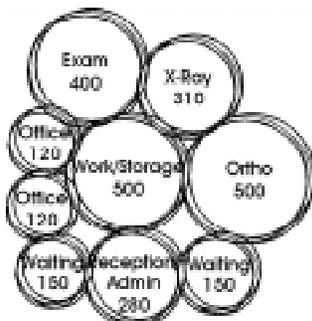
- To improve the morale and increase the productivity of the people in your facility.
- To use your space and financial resources in the most cost effective manner.
- To assure the health, safety and welfare of facility occupants.
- To project a professional image of your organization.
- To provide appropriate and maintainable building materials, finishes, furniture, and furnishings.



Atrium, Minot AFB



Office, Maxwell AFB

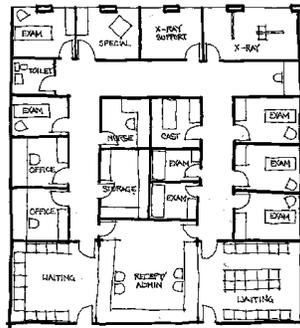


Program Bubble Diagram

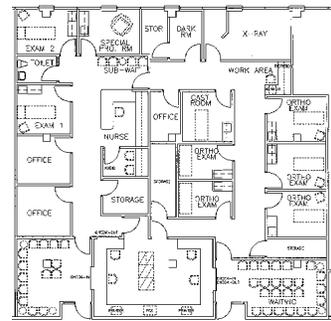
Team Roles and the Design Process

To create high quality interior environments requires that the user, installation maintenance staff, commands, programmers, designers, engineers, construction workers, and suppliers work together toward clearly defined statements of design excellence.

- **Programming** is the first step in this process. Programming involves defining the project requirements and providing the financial resources to support them. This is where the user first forms a concept of what is needed.
- At **concept development** designers become fully involved in translating the user's operational and maintenance concepts into a built form. Designers work with the user to understand the reasons behind requirements and to give them form in terms of size, shape, and space layout.



Conceptual Plan



Working Drawings

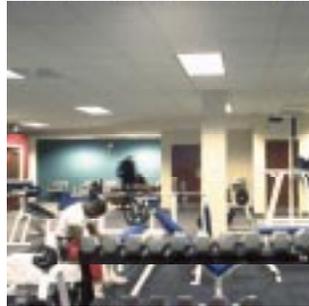


Tele-Conferencing
Wright-Patterson AFB

- As the design is developed into **contract documents** and **procurement information**, the designer works with the user to specify requirements for construction, furniture, finishes, and furnishings. The documents created are the master plan for bringing the project to reality. They give the building, its interior spaces, furniture, and furnishings a coordinated form and aesthetic expression.



Library, Robins AFB



Fitness Center, Redstone Arsenal



Auditorium, USMA Westpoint



Child Development Center
Wright-Patterson AFB

- **Execution** involves guiding the work of those who construct the building and providing the furniture and furnishings. Attention to detail during building construction, as well as during procurement and installation of furnishings, is critical to the achievement of excellence.

Creating stimulating, comfortable, and appropriate environments for living and working is an achievable goal when the user and the design and construction team work together as partners.

Ensuring Excellence

The photographs in this guide represent the successful partnership between users, installation managers, designers, construction workers, and suppliers to bring about excellence in interior design. The photographs represent a broad range of facility types, locations, and design, construction, and furnishing techniques.

In every case, an involved user initially defined the concept in terms of functional requirements and financial resources and demanded excellence pivotal to the success of these projects. Proper programming ensures the allocation of adequate military construction funds for building, and adequate maintenance funds to provide for furniture and furnishings. Superior programming results from having a clear vision of what the project is to be. Designers can be of assistance in defining the needs but the vision starts with the user.

Superior programming enables excellence in design and construction. Excellence in design and construction results in facilities which optimize functional and aesthetic requirements and enable people to perform to their maximum potential.



Clinic Waiting, Minot AFB



Clinic Waiting,
Madigan Army Medical Center



Auditorium, Gunter AFB



Snack Shop, Gunter AFB



Atrium, Ft. McNair



Visitor Center, Tenn-Tom
Waterway



**US Army Corps
of Engineers®**

PHOTO CREDITS

Cover

1. Lobby, Senior NCO Academy. Gunter AFB, AL.

p.i

1. Lobby, Senior NCO Academy. Gunter AFB, AL.
2. Dining, Reynolds Army Hospital. Fort Sill, OK.
3. Aircraft Engine Test Shop. Mountain Home AFB, ID.
4. Birthing Room, Reynolds Army Hospital. Fort Sill, OK.

p.ii

1. Atrium, Composite Medical Facility. Minot AFB, ND.
2. Wing Commander's Office, Consolidated Support Complex. Maxwell AFB, AL.
3. Teleconferencing Center, Stewart Hall, Acquisition Management Complex. Wright-Patterson AFB, OH.

p.iii

1. Library, Personnel Services Center. Robins AFB, GA.
2. Fitness Center, John J. Sparkman Center for Missile Excellence. Redstone Arsenal, AL.
3. Auditorium, Cullum Hall. U.S. Army Military Academy, West Point, NY.
4. Child Care Development Center, Logistics Command. Wright-Patterson AFB, OH.

p.iv

1. Clinic Waiting, Composite Medical Facility. Minot AFB, ND.
2. Medical Mall, Madigan Army Medical Center. Ft. Lewis, WA.
3. Auditorium, Senior NCO Academy. Gunter AFB, AL.
4. Snack Bar, Senior NCO Academy. Gunter AFB, AL.
5. Atrium, Marshall Hall, National Defense University. Fort McNair, DC.
6. Visitor Center, Tenn-Tom Waterway. Aliceville Lake, AL.

Design
Guide
for
Interiors

DG 1110-3-122
SEPTEMBER 1997