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national honor society of nursing
office building

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PROGRAM STUDY SEC. NO.

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SUMMARY
national honor society of nursing office building
Major Program Elements of Functions

There are various functions which will be important roles in the physical design of a new Sigma Theta Tau National Headquarters.

One role within the building program will be that of a host for visiting Sigma Theta Tau honorary nursing students and conference attendees. The national headquarters should facilitate within this aspect of the program, such activities as banquets, audio-visual seminars, committee and council meetings, facility tours, and informational services.

Another function within the building program is to provide for communication services. Such activities as reproduction and duplication services will provide a vital link to present and potential members of Sigma Theta Tau.

A third role within the building program will be the executive office functions which are necessary to achieving the national honorary's business goals and functions. The building should facilitate business management duties including record keeping and finances.

The Site

The tentative site for the new Sigma Theta Tau National Headquarters is at the College Park office environment on the northwest side of Indianapolis. Access roads include West 86th Street south of the site as a primary vehicular route, and Purdue Road as a secondary business and service access route east of the site.
The adjacent business community offers many convenient and aesthetic features. Several small chain restaurants are convenient to the south, a shopping plaza to the west, the College Park Pyramids to the north, and national fraternity and sorority headquarters offices to the east. A feature of the tentative site is its prominent location at the end of Founders Road.

Client and Users
The client comprises official representatives and members of the Sigma Theta Tau National Council Governing Body who have an interest in the growth and expansion of a new, updated headquarters.
Consultation will be with the Executive Officer of the Sigma Theta Tau National Honor Society in Indianapolis at the School of Nursing.
Communicative services and business management personnel as well as visiting members of the nursing honor society will be the particular set of users influencing the long term planning goals.
INTRODUCTION
national honor society of nursing
office building
The Sigma Theta Tau Headquarters Building
National Honor Society Of Nursing
Indianapolis, Indiana

Sigma Theta Tau National Headquarters Building is being proposed for the College Park office environment on the northwest side of Indianapolis. Access roads include west 86th street as a primary vehicular route, and Purdue Road as a secondary type business and service drive west of the site. The adjacent business community offers many convenient and aesthetic features. Several small chain restaurants are convenient to the south, shopping plazas to the west, the College Park Pyramids to the north and the fraternity-sorority offices to the east.

Selection of the site was born out of a number of criteria. First, the most economical site location became a determinate. Secondly, its location within the national fraternity-sorority office neighborhood seemed appropriate.

The client represents those official representatives, members of Sigma Theta Tau National Council governing body who have an interest in the growth and expansion of a new updated headquarters. Consultation on the building program is currently being conducted with the executive officer of the organization. Communicative services and business management personnel as well as a concern for visiting members of the nursing honorary will influence long term planning goals.

There are several aspects which have supported the validity of pursuing a design for the new Sigma Theta Tau headquarters. The National Honor Society of Nursing is presently establishing a building fund to accommodate the growth and expansion of a new building over a ten year period. In the second case, a new design proposal would help to inspire or motivate nursing honor society members and patrons to pledge their support to a headquarters building fund.

In the third case, there are problems which exist with the Sigma Theta Tau current facility. An overcrowded one room office, the lack of individual privacy and sufficient storage space for records and supplies, as well as an absence of environmental control of sun glare and ventilation which subtracts from a healthy business environment. Pursuing a design for a new building may be justified on this level of understanding these existing problems.

One of the strongest images within the selected Sigma Theta Tau site regional area is the College Park Pyramids.

There has been some discussion with the client that such an image may be an inference to a new headquarters vernacular. In addition there is some anticipation of interior garden court spaces as well as exterior versions. The concept of the future building will be dramatic one and through foresight and advanced planning with the client, a respectable image will be achieved.
GOALS
national honor society of nursing
office building
ENVIRONMENTAL

Energy Concerns
Passive Solar Heating
Protective Entrances
Human Scale Elements
Natural Lighting Concerns

CLIENT

Maintenance Free Exterior
Nature Observation
Permenent Structure
Dignified Image
Conference Functions
Respectful In Educating Public
Limestone Structure
Garden Landscape Concerns
Economical Design
Convenient Access By Users
Room for Expansion
Aesthetically Pleasing
Low Utilities Cost
Building Capturing Spirit
Low Utilities Cost
Captures Spirit of Nursing
Cultural Design Influence

PROFESSIONAL

Building Atrium Considerations
A Visual Point Of Reference
Concept As A Gateway To Area
Emphasis On Various Vistas
Monumental Influences
Image Relationships
Economical Site Location
Prominent Location
Future Addition Consideration
ORGANIZATIONAL DATA
national honor society of nursing
office building
GENERAL BUSINESS WING

Organizational Chart Of Primary & Secondary Spaces

LEVEL 1

- **primary**
- **secondary**

Diagram:
- Filing
- Keeping
- Office mgr.
- Data processing
- Field staff
- Research dep.
- Secretarial office pool
- Stair lounge
- Women
- Men
- Xerox
- Reception
- Bathroom
- Open stairs
- Fire stair
- Public entry
- Coats
- Employee entry
COMMUNICATIVE SERVICES WING LEVEL 1

Organisational Chart Of Primary & Secondary Spaces

- primary
- secondary

- atrium lounge
- archives
- stor.
- printing services
- print mgr.
- t.s.
- rolling
- loading
- employee parking

N
SPACE SUMMARY
national honor society of nursing
office building
<table>
<thead>
<tr>
<th>Building Program of Space Requirements</th>
<th>Space Size</th>
<th>No. of Spaces</th>
<th>Square Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Communicative Services</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Audio-Visual Seminar Space</td>
<td>$12' - 0'' \times 34' - 0''$</td>
<td>1</td>
<td>408 sq. ft.</td>
</tr>
<tr>
<td>Conference Room</td>
<td>$12' - 6'' \times 25' - 0''$</td>
<td>1</td>
<td>313 sq. ft.</td>
</tr>
<tr>
<td>Equipment Storage Room</td>
<td>$4' - 6'' \times 9' - 6''$</td>
<td>1</td>
<td>42.75 sq. ft.</td>
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<tr>
<td>Printing Services Office</td>
<td>$22' - 6'' \times 27' - 6''$</td>
<td>1</td>
<td>618.75 sq. ft.</td>
</tr>
<tr>
<td>Printing Office Manager</td>
<td>$13' - 4'' \times 22' - 6''$</td>
<td>1</td>
<td>301.5 sq. ft.</td>
</tr>
<tr>
<td>Mailing Room</td>
<td>$15' - 6'' \times 17' - 0''$</td>
<td>1</td>
<td>108.5 sq. ft.</td>
</tr>
<tr>
<td>Meeting Room-1</td>
<td>$13' - 6'' \times 32' - 6''$</td>
<td>1</td>
<td>438.75 sq. ft.</td>
</tr>
<tr>
<td>Meeting Room-2</td>
<td>$14' - 0'' \times 32' - 6''$</td>
<td>1</td>
<td>455 sq. ft.</td>
</tr>
<tr>
<td>Kitchenette</td>
<td>$4' - 0'' \times 20' - 0''$</td>
<td>1</td>
<td>80 sq. ft.</td>
</tr>
<tr>
<td>Public Lounge &amp; Exhibition</td>
<td>$29' - 0'' \times 29' - 0''$</td>
<td>2</td>
<td>1682 sq. ft.</td>
</tr>
<tr>
<td>Receptionist</td>
<td>$9' - 0'' \times 11' - 0''$</td>
<td>1</td>
<td>99 sq. ft.</td>
</tr>
<tr>
<td>Xerox Room</td>
<td>$13' - 6'' \times 18' - 6''$</td>
<td>1</td>
<td>549.75 sq. ft.</td>
</tr>
<tr>
<td>Conference Reception</td>
<td>$3' - 6'' \times 32' - 6''$</td>
<td>1</td>
<td>276.25 sq. ft.</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td></td>
<td></td>
<td>5,373.25 sq. ft.</td>
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<tr>
<td><strong>Executive Offices Space</strong></td>
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<tr>
<td>Executive Officer Space</td>
<td>$14' - 6'' \times 32' - 6''$</td>
<td>1</td>
<td>471.25 sq. ft.</td>
</tr>
<tr>
<td>Executive Assistant Space</td>
<td>$14' - 0'' \times 21' - 6''$</td>
<td>1</td>
<td>311.75 sq. ft.</td>
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<tr>
<td>Public Relations Office</td>
<td>$13' - 0'' \times 23' - 0''$</td>
<td>1</td>
<td>299 sq. ft.</td>
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<tr>
<td>Secretarial Office Pool</td>
<td>$27' - 6'' \times 50' - 0''$</td>
<td>1</td>
<td>1,375 sq. ft.</td>
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<tr>
<td>Office Manager</td>
<td>$26' - 0'' \times 27' - 0''$</td>
<td>1</td>
<td>702 sq. ft.</td>
</tr>
<tr>
<td>Filing Room</td>
<td>$13' - 4'' \times 26' - 0''$</td>
<td>1</td>
<td>348.4 sq. ft.</td>
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<tr>
<td>Bookkeeping Room</td>
<td>$13' - 6'' \times 26' - 0''$</td>
<td>1</td>
<td>117.0 sq. ft.</td>
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<tr>
<td>Data Processing</td>
<td>$20' - 6'' \times 27' - 8''$</td>
<td>1</td>
<td>569.9 sq. ft.</td>
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<tr>
<td>Field Staff Office</td>
<td>$22' - 0'' \times 27' - 0''$</td>
<td>1</td>
<td>594 sq. ft.</td>
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<tr>
<td>Field Staff Research Deposit</td>
<td>$5' - 6'' \times 22' - 0''$</td>
<td>1</td>
<td>121.0 sq. ft.</td>
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<tr>
<td>Archives</td>
<td>$16' - 6'' \times 29' - 0''$</td>
<td>1</td>
<td>478.5 sq. ft.</td>
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<tr>
<td><strong>Subtotal</strong></td>
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<td>5,397.80 sq. ft.</td>
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<tr>
<td>Building Program of Space Requirements</td>
<td>Space Size</td>
<td>No. of Spaces</td>
<td>Square Feet</td>
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<tr>
<td>---------------------------------------</td>
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<tr>
<td><strong>Rental Offices Space</strong></td>
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<tr>
<td>Professional Office Space</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Office-1</td>
<td>26'-0 x 27'-0</td>
<td>1</td>
<td>602 sq. ft.</td>
</tr>
<tr>
<td>Office-2</td>
<td>21'-0 x 27'-0</td>
<td>1</td>
<td>567 sq. ft.</td>
</tr>
<tr>
<td>Office-3</td>
<td>27'-6 x 29'-0</td>
<td>1</td>
<td>783 sq. ft.</td>
</tr>
<tr>
<td>Office-4</td>
<td>22'-4 x 28'-0</td>
<td>1</td>
<td>576.8 sq. ft.</td>
</tr>
<tr>
<td>Office-5</td>
<td>16'-6 x 29'-0</td>
<td>1</td>
<td>481.4 sq. ft.</td>
</tr>
<tr>
<td>Leasable Office Space</td>
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<td></td>
<td></td>
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<tr>
<td>Leasable Office Space</td>
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<tr>
<td>Subtotal</td>
<td>3,841.7 sq. ft.</td>
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<tr>
<td><strong>Supportive Space</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Lobby-Reception Space</td>
<td>13'-0 x 18'-0</td>
<td>1</td>
<td>234 sq. ft.</td>
</tr>
<tr>
<td>Paper and Supply Storage</td>
<td>2'-6 x 6'-0</td>
<td>2</td>
<td>30 sq. ft.</td>
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<tr>
<td>Trash Rooms</td>
<td>4'-0 x 4'-0</td>
<td>3</td>
<td>48 sq. ft.</td>
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<tr>
<td>Janitor</td>
<td>7'-0 x 12'-6</td>
<td>2</td>
<td>88.4 sq. ft.</td>
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<tr>
<td>Coat Room</td>
<td>8'-6 x 10'-4</td>
<td>1</td>
<td>175 sq. ft.</td>
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<tr>
<td>Womens Room</td>
<td>16'-6 x 21'-6</td>
<td>2</td>
<td>355 sq. ft.</td>
</tr>
<tr>
<td>Mens Room</td>
<td>16'-6 x 21'-6</td>
<td>2</td>
<td>355 sq. ft.</td>
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<tr>
<td>Vending Space</td>
<td>4'-0 x 14'-0</td>
<td>1</td>
<td>56 sq. ft.</td>
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<tr>
<td>Main Office Storage</td>
<td>23'-0 x 28'-0</td>
<td>1</td>
<td>644 sq. ft.</td>
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<tr>
<td>Kitchenette</td>
<td>13'-6 x 15'-0</td>
<td>1</td>
<td>675 sq. ft.</td>
</tr>
<tr>
<td>Dinning</td>
<td>6'-6 x 12'-0</td>
<td>1</td>
<td>79.2 sq. ft.</td>
</tr>
<tr>
<td>Loading</td>
<td>11'-6 x 16'-6</td>
<td>1</td>
<td>190.8 sq. ft.</td>
</tr>
<tr>
<td>Subtotal</td>
<td>2,630 sq. ft.</td>
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<tr>
<td>-------------------------</td>
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<td>---------------------</td>
<td></td>
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<tr>
<td>Total Net Assignable Sq. Ft.</td>
<td></td>
<td>17,243 sq.ft.</td>
<td></td>
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<tr>
<td>Unassignable Sq. Ft.</td>
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<td>2,758 sq.ft.</td>
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<tr>
<td>Circulation 16%</td>
<td></td>
<td>862 sq.ft.</td>
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<tr>
<td>Mechanical 5%</td>
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<td>1,207 sq.ft.</td>
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</tr>
<tr>
<td>Structure-walls, partitions 7%</td>
<td></td>
<td>22,070 sq.ft.</td>
<td></td>
</tr>
<tr>
<td>Total Gross Sq. Ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SPACE RELATIONSHIPS
national honor society of nursing
office building
SITE DATA

national honor society of nursing
office building
SITE ANALYSIS: ORIENTATION

The tentative building site for the Sigma Theta Tau National Headquarters is located at the College Park office environment on the northwest side of Indianapolis. In regards to site orientation to vehicular routes, access roads include West 60th Street south of the site, as well as Purdue Road immediately adjacent to the east. Northwestern Avenue, bordering the site to the west, provides convenient access to the Indianapolis downtown business community ten miles away.
Existing Soil Type

Crosby-Brookston association, whereby soils are deep and somewhat poorly drained. Nearly level with gently sloping terrain. Erosion hazard. A good topsoil.

Existing Vegetation

Deciduous maple hardwoods 12' x 20' planted in linear fashion adjacent to site along Purdue Road. Site presently has two young hardwoods. No buffers exist between adjacent properties.

Special Features

Site appears to be mounded at the northwest corner and at the edges along Purdue and Founders Road. 

Nice gradual slope away from street resulting in a five foot elevation difference.
In regards to the adjacent commercial, business, tourist, and residential benefits, the orientation of the site is appropriate because of its centralized location. To the south, within walking distance, are a few small food chain restaurants. Also, in the commercial area is a shopping plaza within one block to the west of the site.

Pyramid office environments, located approximately three blocks north of the proposed building site, provide a contribution as a tourist location and a landmark for the adjacent business office environs. An examination of the neighboring businesses to the east of the proposed site reveals a small business community of the national fraternity and sorority headquarters' offices.

Accessability
A Metro Coach provides regular bus service. Plans are underway by the developer to tie in the College Park with a helicopter commuting service from Indianapolis International Airport.

The primary auto corridors are West 86th street with 26,000 cars every 24 hours, average. JS 421 west of the site at the same figure. I 465 has 26,600 cars per 24 hour period.

The secondary auto corridors include Purdue Road, Mercer, and Founders Road.

Pedestrian arteries include a pedestrian bridge which links the residential neighborhood with the office neighborhood just east of College Park lake. There are worn paths from Collegiate Center, residential areas, and around the lake.
The Office Environment

Physical—site is integrated in a development

1. Project having commercial, retail, restaurant, lodging, and office.
2. A man-made lake exists one half block north of the site.
3. Residential multi-housing exists east of the site.
4. Office structures are also east and north of the site.
5. Presently being developed are commercial and office sites to the west.

Social

1. Feeling of a unified business environment; a quiet location and atmosphere
2. Buildings reflect through its materials, a professional, high quality business environment.

Emotional

1. High sense of technology; permanent feeling by materials used.
2. Feeling of security due to daily services. Easily accessible walking distance. Examples are neighboring food chains, shopping, and lodging within safe distances.
Major Regional Activities and Nodes:

A. Shopping Centers
   1. Nora Shopping Plaza east of site on West 86th Street.
   2. Westlane Shopping Mall on US 421 south of the site.
   3. Castleton Square east of the site off I 465.
   4. Zionsville

B. City and Town Centers
   1. Downtown is ten minutes south of site.
   2. Zionsville is ten minutes west.
   3. Carmel is five to seven minutes northeast.
   4. Nora is ten minutes east.
   5. Westlane is three miles south.

Utilities

1. Underground telephone and electrical lines within the office neighborhood.
2. Sanitary as well as storm sewers serve office community.
3. Utility mainlines are located underground along 86th Street running east and west.
4. Various utility branches are as follows:
   • Electrical runs north on Purdue Road along south property line.
   • Gas--major branch runs along Purdue Road. Subsidiary branches are needed.
   • Water--main lines exist east of site property line
   • Telephone--access is easily available through an underground network.
Water on the site runs from northwest towards the lake region, or down toward the creek then into White river. Much of the protective ground cover is available. Soil remains intact around the site border.
North Site View

One of the strongest images within the general site area to the north is the College Park Pyramids.

The newly proposed site location for Sigma Theta Tau's national headquarters building will offer an excellent view of the three pyramidal offices. This particular view illustrates the visual quality looking north from the site.
Northeast Site View

The northeast view of the site reveals large open fields and neighboring residential areas. Views of the office environments are not fully emphasized since the parking is permitted in the front of the buildings instead of the rear.

One of the nice features which may be noticed is the introduction of grass medians which help to break up the large paving areas of the street. On another level, the buildings almost tend to loose their functional signi-
East Site View

The view of the proposed site in a east direction reveals a clean, neat and orderly office environment from first impressions. Office buildings seem to relate in their various building materials to the natural context in which built.

There are no hard edges within the particular region since buildings are either set back away from the street or try to relate to human scale by the way the roof planes are formed.

The primary interest in respect to Founders Road seems to be the activity of seeing people walk to neighboring convenience food and retail centers, the movement of service vehicles on their daily runs.
BUILDING TYPE ANALYSIS 9
national honor society of nursing
office building
Building Prototypical Design-1:
Manitoba Headquarters Building, Teachers Society,
Winnipeg, Canada.
Architects: Libling, Michner & Associates
Size: 38,400 sq. ft. Parking @ 36 vehicles.

Second Floor Plan
1 main entry 2 foyer 3 storage 4 janitor
5 printing room 6 coats 7 auditorium.

Ground Floor Plan
1 foyer & board room
3 general staff room
4 executive staff
5 periodicals 6 library
7 workroom 8 audio room
3 committee room.

I. Building Architype: Co-Variant
A. Open ended form system; potential for additive/subtractive building units.
B. No identifiable relationship between form of building to the form of its spaces.
C. Design process implications.
   1. Design of separate spatial structural units (as building blocks), with separate functional organizations.
   2. Informal, flexible organization of spaces.
   3. Column-free structural approach allows for spatialness and opportunities for creative partitioning approaches.
II. General Functional Organization
A. Reception & Informational Space
   1. Serves as centroidal axis for the purpose of orientation at the foyer area.
   2. Circular functional plan infers a congregatory space function.
B. Business Communication Aides Space
   1. Printing functions separated from other primary functions by a separate block of building space—noise reduction considerations.
   2. Easily accessible to the service entry; maintains a private secondary circulation corridor for its personnel.
C. Formal/Informal Public Meeting Space
   1. Well defined entrances and exits for efficient flow of people.
   2. Considerations for relief, service and storage facilities adjacent to major meeting space.
D. Executive Business Office Space
   1. Passive second floor space effectively separated from active ground floor functions.
   2. Primary business office functions oriented for convenient access and minimum traffic congestion closest to stairs.

Manitoba Headquarters Building Functional Plan & Circulation
- reception/informational
- executive business offices
- public meeting space
- primary circulation
- business communication aids
- secondary circulation
III. Circulation Concept
   A. Building Occupants
      2. Secondary circulation corridors designed as a double loaded system for efficient flow of large masses of people, minimum congestion.
   B. Auto
      1. Depressed parking concept minimizing visual clutter of the site and emphasizing building importance.
      2. Pedestrian safety an important goal.

IV. Structure
   A. Component Utilization
      1. Square grid ordering system allowing for considerations for column free open space, through concrete construction.
      2. Modularity in exterior building form; simplistic approach.
   B. Structure Appropriateness
      1. Maintenance free considerations.
      2. Energy cost efficient due to the absence of windows on the ground floor, and low profile.
      3. Maintains a residential scale appropriate to suburban residential setting.

V. Environmental Systems Concerns
   A. Internal Response Capabilities
      1. Multi-zone h.v.a.c. system appropriate to a diversity of functional space requirements. Example: Public auditorium or an executive office space.
B. External response Capabilities

1. Geared to energy efficient design—particularly good resistance to cold environmental winds and air infiltration.

2. Sheltered, protected entrances and exits from the weather.

VI. Site and Context

A. Building Relationships

1. Adoptable to most non-sloping sites, with a conservative profile. Maintains a low residential scale in a suburban site.

2. Preservation of site green space considered through the use of depressed parking concept.

B. Building Context

1. A separate entity related to adjacent low rise office buildings through use of a concrete skin and concern for human scale.

2. Pavilion cluster type arrangement infers a community of buildings; appearance representative of a community of people.
Building Prototypical Design-2:
Delta Upsilon Fraternity
International Headquarters
Indianapolis, Indiana
Architects: James Associates
Size: 60,000 sq. ft. Parking @ 42 vehicles

Ground Floor Plan:
1. Lobby
2. Receptionist
3. Field Staff Offices
4. Supplies
5. Printing
6. General Offices
7. Bookkeeping
8. Office Manager
9. Kitchen
10. Conference
11. Conference Reception
12. Staff Assistant
13. Executive Director

I. Building Archtype: Unitary
A. Building type has the characteristic where by the form
   unit of structure is the same as the form unit of space.
B. Building type has specific features where by volumes of
   the structure additively form a larger; more complex
   structure.
C. Design Process Implications:
   1. A non-flexible organization of spaces. Organization of
      plan layout of building in terms of geometry is similar
      to the building exterior geometry.
   2. Unified organizational concept around a central court
      yard space is the traditional pattern.
11. General Functional Organization

A. Conference and Supportive Services Space
   1. Provides space for visiting members attending conference functions.
   2. Considerations for informational library, kitchen, and reception area adjacent to major meeting spaces for the purpose of supportive services.

B. Business Communications Services Space
   1. Easily accessible to the service entry; maintains a non-congested flow of personnel. Printing supplies easily obtainable with minimum time wasted.
   2. Located at rear of building as a primary space by which major equipment may be periodically transported for servicing conveniently.

C. Executive Office Functions
   1. Active secretarial pool space is effectively separated from quite zones in the building such as conference and office manager space through thoughtful partitioning. Noise problems considered.
   2. Primary business office functions oriented for quick, convenient access from employee entrance and minimum congestion of traffic.

D. Major Office Storage and Supplies Space
   1. Office supplies units are strategically placed throughout building, serving the specific types of supply needs of specific specialized functions conveniently.
   2. Considerations for fast, efficient means of receiving goods and mailing has been considered in making the major office storage and supply space very functional.

III. Circulation Concept

A. Building occupants
   1. Considerations for public, private and service entry into the building. Attempt to monitor and segregate traffic for purposes of security, convenience and efficiency.
   2. Lobby and reception may have intentions of pooling people in an aesthetic collective space since its space is the most visually stimulating in the overall building.
   3. Circulation concept is the linear-node organizational.
B. Auto Access
1. Vehicular access to the rear of building; emphasis on building exhibition verses visual clutter of autos in front of building.
2. Drop off entry area which the building provides is a desirable feature in adverse weather conditions.
3. Convenient loading dock accessible to deliveries is desirable for business efficiency.

Building Prototype Analysis (con.)
National Headquarters Office Environments
Delta Upsilon Fraternity International Headquarters

General Functional Organization & Circulation Concept
Delta Upsilon Fraternity Headquarters
- Conference & Supportive Spaces
- Business Communication Services Space
- Executive Office Related Functions
- Major Office Supplies & Storage Space
- Minor Supply Units Primary Circulation
- Secondary Circulation
IV. Structure

A. Component Utilization

1. Steel joist on bearing wall construction except for the cathedral space at the lobby and reception area.
2. A conglomerate of building forms exemplifying the unitary archetype pattern of organization; complex approach.
3. Limestone and aluminum exterior.

B. Structure Appropriateness

1. Maintenance free considerations in utilization of the building materials; maintains a residential scale which is appropriate to the suburban residential setting.
2. Minimum number of windows to prevent heat loss; Energy efficient.
3. Continues the contemporary design theme dictated by the adjacent office environments as well as similar use of materials.
4. Multiple entrances are inappropriate when they do not in some manner, define the types of pedestrian traffic for specific building entrances.

Structure: Delta Upsilon Headquarters Building, Indianapolis, Indiana
V. Environmental Systems Concerns (con.)
   A. Internal Response Capabilities
      Form relieves the reception and lobby areas of excessive temperatures through air convection properties.
   B. External Response Capabilities
      1. Geared to energy efficient design with particularly good resistance to cold air infiltration due to exterior.
      2. A system of entry vestibules at the front and back of the building structure eliminate potential heat loss due to external adverse weather conditions.

VI. Site and Context
   A. Building Relationships-Site
      1. Flood level considerations were an issue in the safe design of building with site. Potential hazards exist; therefore architect used a built-up site effectively.
      2. Preservation of green space considered through the concept of utilizing site space at rear of building.
   B. Building Context
      1. Use of natural limestone indicates a sensitivity of designer to the adjacent building fabric. Also, a concern for maintaining the natural character of an adjacent wooded area.
      2. Building serves as a visual point of reference or landmark due to its strategic location at a road terminus.
I. Building Archetype: Co-Variant

A. Physical Features Qualifying Building as Co-Variant
   1. Due to the Association Headquarters utilization of separate functional sets of organization within separate spatial, structural units, the plan is Co-Variant.
   2. Potentials for additive/subtractive building units.

B. Functional Features Qualifying Building as Co-Variant
   1. Resolution of interior functional space within the basic building rectilinear block is complexly organized.
   2. Most of the interior functional space may be increased at any time without complications.

C. Design Process Implications
   1. Advantages of this archetype is the informal, flexible organization of spaces in the design process.
II. General Functional Organization

A. Lobby & Orientation Space

1. The lobby satisfies humanistic needs by providing a source of recreation, relaxation, and information.
2. Both lobby concepts employed function as passive space.

E. Communications Media Processing & Storage

1. Printing functions are ideally segregated with storage facilities for convenient, efficient access.
2. Ideally isolated from other functions of the building to reduce noise problem potentials.

C. Association Conference & Seminar Rooms

1. Considerations for storage, food service, and relief facilities adjacent to major meeting spaces.
2. Provides flexible alternatives for large or small group meetings through flexible partitioning within the conference area.
D. General Office Staff Wing
   1. Active general office wing is effectively separated by relief facilities from passive lobby space.

   2. Primary business office functions oriented for convenient access to building entrances and exits.

III. Circulation Concept
   A. Building Occupants
      1. Lobby and reception area tend to be oriented from the adjacent parking areas in a convenient manner.
      2. Building circulation concept is for its occupants tends to be in the linear-mode organizational pattern.

   B. Auto Considerations
      1. Convenient loading dock directly accessible to delivery and mailing functions for convenience.
      2. Auto parking oriented away from site tending to reduce visual clutter of parked vehicles adjacent to building.

IV. Structure
   A. Component Utilization
      1. Utilization of a concrete two-way grid system allowing for considerations for column free space and alternative lighting arrangements.
      2. Modularity in building concept is employed as an efficient, economic structural idea.

   B. Structure Appropriateness
      1. Minimum use of windows for a building of large scale, thereby energy efficient due to eliminating to some degree, cold air infiltration.
      2. Considerations for maintenance free exterior and interior floor materials.
      3. Maintains a low residential scale, expanding the structure outward on the site instead of upward.
CONCEPT SKETCHES
national honor society of nursing
office building
Auto Circulation, Landscape and Parking
Intensive Study
Building Circulation, and Atrium Study

Schematic Roof and Form Study
schematic plan

1. Meeting
2. Public Relations
3. Executive Director
4. Archives

MAIN ENTRY
6. Reception & Lounge
7. Research Depository
8. Storage
9. Seminar-Audio-Visual
10. Files
11. Bookkeeping
12. Secretarial Office
13. Loading Area
14. Supplies & Storage
15. Duplicating & Printing
16. Secretarial Aid
17. Women's Room
18. Men's Room
19. Coin Cafe
20. Kitchenette
21. Conference
22. Reception
23. Atrium Space
24. Field Staff Office

PRIMARY CIRCULATION
SECONDARY CIRCULATION

1/16" = 1'-0"
building section schematic
SITE PLAN SCHEMATIC

national honor society of nursing
office building
PLAN SCHEMATIC
national honor society of nursing
office building
SECTION ELEVATIONS

National Honor Society of Nursing Office Building
executive office wing  visitor entry  plaza space

SECTION A-A

office rental wing  court entry  communicative services

SECTION B-B

scale: 1:20
MASSING SCHEMATIC
national honor society of nursing
office building
SEGMENTED L-FORM

Organization
- general business wing
- communicative services
- rental office wing
- service units
- atrium space

3D SCHEMATIC BUILDING MASSING CONCEPT

N

0 5 10 15 20
LEVEL 1

- general business wing
- communicative service
- rental wing
- service units
CIRCULATION SCHEMATIC 15
national honor society of nursing
office building
OBJECTIVES

1. Building layout should be separated into separate units determined by the differing functions, therefore minimizing unwanted noise and congestion.

2. Building interior circulation should originate from a central main entry area for the purpose of providing reception services for the visitors as well as monitoring security.

3. Emphasis on minimizing views of on-site parking.
OBJECTIVES

1. Isolate from view on site parking by locating the flow of cars to the south side of the building.

2. Maintain a trend in energy consciousness by providing protected main entry for the elements.

3. Building interior circulation should orient itself from a central atrium and reception space for greater convenience.

4. Incorporate some development for pedestrians coming from offices to the commercial area.

- Entry - employee parking
- Entry - visitor
- Interior circulation
- Pedestrian walk
- Central atrium - reception space
- Service - trash
OBJECTIVES

1. Building interior circulation should orient itself from a central reception-atrium space.

2. Considerations for pedestrian pathways to pass through site as a convenience for those traveling from office areas to the commercial.


4. Isolate from view on-site parking by locating behind building.

- Main entrance-visitor & service
- Main interior circulation & stairs
- Employee parking
- Pedestrian walk
- Central atrium - receptionist space
- Service-refuge
STRUCTURAL
national honor society of nursing
office building
DRAWINGS

national honor society of nursing office building


