"Bring people together and they create a collective surplus of enjoyment; bring buildings together and collectively they can give visual pleasure which none can give separately."

-Townscape, Cullen
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For my thesis I would like to utilize various design factors to create a building where people can gather to enjoy each other, and where the building itself is a "gatherer" in a group of other buildings (or city).

To do this I have chosen a mixed development project (one that contains three or more significant revenue producing uses which in well planned projects are self supporting) in a high density urban area.

The specific project is an international center to serve the greater metropolitan area of Indianapolis and located in the near northeast quadrant of the mile square area. It is also an addition to an existing building, the Atheneaum which was chosen for its long tradition of being a place where people gather and its need for an alternative use.
To design a building where a variety of people can enjoy each other in a variety of spaces.

Specifically the ICI serves the ethnic community of Indianapolis. It is a resource center for information, translators, speakers; a language center; a learning experience; and a social experience through food, music and entertainment.

The new ICI will be an addition to the Atheneaum (1898). This building and the traditional idea of fellowship associated with the Atheneaum will be the nucleus for the ethnic community.

It will serve as both a cultural and physical link the past.
- Spaces that are human/urban.
- Maintain identity of Atheneaum as building and philosophy.
- Provide images of other cultures in the building.
- Building fits within the urban context.
Mary K. Snodgrass, Director
International Center
1050 W 42nd
Indianapolis, Indiana

Reed Williamson
Historic Landmarks Foundation
3402 Boulevard Place
Indianapolis, Indiana

Michael Crowe
Indianapolis Historic Preservation Commission
Indianapolis, Indiana

Dick Roettger
Wright, Porteus, & Lowe
One Indiana Square, Suite 3600
Indianapolis, Indiana

Lee Darby, Reference Librarian
State Library Archives
315 W. Ohio
Indianapolis, Indiana

Robert Fatout
Hugh J. Baker Company
Indianapolis, Indiana

Delora Burkhat
Typist

Robert Swan, President
Atheneaum Turners
401 E. Michigan
Indianapolis, Indiana

Josephine Harley
State Fire Marshall

Chris Amen
Indiana Repertory Theater
W. Washington
Indianapolis, Indiana

Library of Congress
Photo Duplicating Service
Washington, D. C.

Paul Laseau, Professor
College of Architecture and Planning
Ball State University
Muncie, Indiana

Tony Costello, Professor
College of Architecture and Planning
Ball State University
Muncie, Indiana

Department of Metropolitan Development
City of Indianapolis
City-County Building
Indianapolis, Indiana
The ICI is a non-profit cultural organization founded in 1973 with the help of Lilly Endowment, Inc., to promote and preserve the rich variety of ethnic culture in the community. It is supported through grants from foundations, contributions, and memberships from individuals and businesses.

The Center is a year-round organization and is many things to many people of all ages, foreign and native born alike. It is a resource center for information, translators, speakers, etc. through The Data Bank Referral Service; a language center; a learning experience through discussion and observation; a social experience through food, music and entertainment.

Membership offers an opportunity to contribute to the growth of an idea—an effort to contribute to greater understanding in the world through association and understanding. Membership is one way of supporting the continuity of our Hoosier heritage. Indiana customs and traditions are rooted in other countries, other cultures. To find the thread linking the past to the present and assuring the preservation of that information is to make a contribution to the future of our elected home.

The International Center is a touch of the world in hundreds of ways, valuable to each individual and a vital part of our growing metropolitan community. As the world grows smaller, the need to understand and accept all peoples becomes more important. The role of the International Center is to assist global understanding through the examples of living culture in our community.
Purpose

The ICI promotes within the community an understanding of all people and their culture through the exchange of ideas, information and services.

Objectives

1. To serve as a coordinating and supporting agency in the Indianapolis area for international information, activities and inter-cultural exchange.

2. To assist the people of the Indianapolis area in becoming better informed about their heritage and the contributions of the foreign-born to the city's past and present development.

3. To support the efforts of the ethnic groups in expressing pride in their heritage and sharing it with the community.

4. To focus on the unfulfilled social needs peculiar to the foreign born of the community both as individuals and as organized ethnic groups, and to develop or strengthen new and existing programs and services to meet these needs.

5. To provide international programs and services appealing to the entire community.
Occupants

-The ICI Board is the governing and policy making body and is composed of 36 ethnic, business civic and educational leaders of the community.

-The Nationalities Council provides guidance to the participants for ICI programs and a referral service. It is composed of representatives of organized ethnic groups in Indianapolis.

-A small professional staff provides administrative support to the Board, Nationalities Council and other committees.

-Teachers and librarians would be required for education and services.

education programs and services offered.

-Private merchants and their staff would occupy the retail spaces in the center. This includes both restaurant, concessions and merchandise.

-A small staff would be required to operate and maintain the hotel/hostel facilities.

-A small janitorial/maintenance staff to maintain and prepare spaces as the need arises.

Visitors

-There are 50 ethnic groups in Indianapolis with membership numbers from 150-2000. They represent 2% of the Indianapolis population. The ages, economic status and social class vary greatly from individual to individual but the strong link between them is the interest in their own heritage. This is displayed through food, drink, dance, song, and wares. All of which will be obtainable at the Center.

-This interest also spreads into the general population of Indianapolis so that anyone desiring exposure to a variety of ethnic experiences may find it at The Center.

-Travelling dignitaries, ambassadors, embassies, people of state importance, or foreign prominence desiring the "flavor" of home (not a replica) may be entertained here and provided housing. It also provides a chance for them to interact with others of their own heritage but living here.

-Interest groups (i.e. a dance troupes, musicians, etc.) may perform and have sleeping accommodations here. This arrangement would allow performers to come to Indianapolis who otherwise wouldn't have due to prohibitive housing costs.

-Travelling students or youth groups from the United States or abroad could have cheap accommodations close to downtown and major transportation routes. It also provides a place for travellers to meet other travellers of different experiences and backgrounds.
-Administrative
Managerial
Secretarial
Staff
Conferences (meetings

Publicity
Organization
Leadership
Coordination

-Social
Reception
Drama
Music Choir Instrumental
Comedy
Performances Entertainment
Speeches
Dances/Balls
Banquets
Shopping Food Merchandise
Mingling
Conferences (educ.)
Festivals

Recreational
Passive
Active
Dinners
Snacks
Fairs
Exhibits
Demonstrations
Teas/Coffees
Picnics
Tours
Drinking

-Educational
Teaching Taught
Research
Librarial
Listening
Browsing
Watching

Reading
Interpretation
Language
Crafts
Food
Culture

-Support
Living (caretaker)
Maintenance
Staging
Theatres
Individual Rooms
Dressing
Theatre
Recreation
Rehearsal
Sales (ticket)
Parking
Coat Checking

Food Preparation
Janitorial
Waiting
Serving
Maid
Passenger Pickup
Public
Private
Storage
Loading
Unloading
Sales (merchandise)
Restocking

-Housing
Formal Apartment
Doubles
Singles
Reception
Information
Communications
Telephone
Telegraph
Post Office

Cold Dorm
Showering/Bathing/Rest Rooms
Lounging/Television
Luggage Storage
Laundering
-Commercial

Kitchen(s)
Restaurant(s)
Shop(s)
Markets
Clothes
Items
Books
Decor
Display

Subtotal +25,000

-Hotel

Lobby
Reception
Administrative Offices
Laundry
Singles
Quads
Doubles
"Cold Dorms"
Showers/Rest Room
Lockers
Kitchen
Display

Subtotal +100,000
Meeting Rooms

Formal Reception Area 2,000
Multi Purpose Room 1,500
Theatre(s) 2 @ 7,500 ea. 15,000
Stage, Dressing, Props, Storage, Seating
Class Room(s)
  Traditional 4 @ 350 1,400
  Home Economics 500
  Shop 750
  Audio 3 @ 50 150
  Visual 3 @ 100 300
  Instructor Offices 2 @ 150 300
Choir/Band Facilities 500
Storage 100
Ballroom 6,000
Banquet Room(s) 2 @ 1,000 ea 2,000
Gymnasium 10,000
  Dressing, Storage
Subtotal 45,700
-Library Resource Center

- Video Area (s) 650
- Audio Area (s) 500
- Data Bank 200
- Artifact Space 300
- Display 200
- Librarian's Office 100
- Assistant Librarian Office 100
- Stacks 2,000
- Dock
- Reading 300

Subtotal: $4,350

- Exterior

  Stage
  - Dressing, Props, Seating, Storage

  Field
  - Sports equipment storage
  - Dressing Rooms

  Dance Floor
  - Bandstand, seating

  Gardens
  - Storage
  - Greenhouse
  - Storage

  Bus Stop
  - Parking
  - Passenger Pickup
  - Display
-Business

Executive Director Office  200 sq. ft.
Administrative Assistant Office  100
Program Director Office  100
Program Assistant Office  100
Secretary  400
Finance Office  100
Bookkeeper  100
Resource Person  100
Conference (s) (2 @ 500 ea.)  1,000
Xerox-Office Equipment Area  300
Equipment Storage  300

Subtotal  2,800

-Support

Maintenance
Vertical Circulation
Horizontal Circulation
Heating, Ventilation, and Air Conditioning
Mechanical
Dock

Subtotal  100,000
Athenaeum, a name which applies to both the building and the circle of friends which it represents, was founded in 1851 by five native Germans who fled to the United States to escape political oppression. They gathered to, in their words: "encourage learning of the German language; for song, companionability and gymnastic endeavor."

In 1898, the present German Romanesque structure at Michigan and New Jersey Streets was completed by Vonnegut and Lowe.

Currently the structure houses both the Athenaeum Turners and the Indiana Reperatory Theatre. Since the IRT is moving out in a short time and the German Heritage alone can no longer financially support the building (the Indiana Historical Society now owns the mortgage), the future economic status of the building is questionable.

To prevent the Athenaeum from becoming another "historic museum"-(it is listed on the National Register of Historic Places)-a nucleus of different ethnic backgrounds could be established here, utilizing the existing building and the idea of fellowship which has become a tradition associated with the Athenaeum.
### Existing Spaces

#### Ground

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<tr>
<th>Room Type</th>
<th>Square Feet</th>
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<tbody>
<tr>
<td>Banquet Room/Kellersaal</td>
<td>3,000</td>
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<tr>
<td>Dining/Porch</td>
<td>3,600</td>
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<tr>
<td>Rest Rooms</td>
<td>1,600</td>
</tr>
<tr>
<td>Bar Room</td>
<td>800</td>
</tr>
<tr>
<td>Kitchen</td>
<td>1,600</td>
</tr>
<tr>
<td>Office</td>
<td>450</td>
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<tr>
<td>Kneipe</td>
<td>400</td>
</tr>
<tr>
<td>Banquet Room</td>
<td>2,000</td>
</tr>
<tr>
<td>Dressing Room</td>
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#### Second

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<th>Room Type</th>
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<tbody>
<tr>
<td>Foyer</td>
<td>2,400</td>
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<tr>
<td>Concert Hall/Ball Room</td>
<td>5,700</td>
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<tr>
<td>Stage</td>
<td>3,000</td>
</tr>
<tr>
<td>Loggia</td>
<td>3,000</td>
</tr>
<tr>
<td>Practice Room</td>
<td>2,400</td>
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<tr>
<td>Gym Balcony</td>
<td>600</td>
</tr>
<tr>
<td>Committee, Assembly, Library Room</td>
<td>3,200</td>
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<td><strong>Subtotal</strong></td>
<td><strong>+20,200</strong></td>
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#### Exterior

<table>
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<tr>
<th>Room Type</th>
<th>Square Feet</th>
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</thead>
<tbody>
<tr>
<td>Garden</td>
<td></td>
</tr>
<tr>
<td>Bandstand</td>
<td></td>
</tr>
<tr>
<td>Dance Floor</td>
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### Existing In Atheneaum

<table>
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<tr>
<th>Level</th>
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<tr>
<td>Ground</td>
<td>16,200</td>
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<td>First</td>
<td>33,400</td>
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<td>Second</td>
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<tr>
<td><strong>Total Assign</strong></td>
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<tr>
<td>Circulation/Mechanical</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>89,800</strong></td>
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<tr>
<td>Description</td>
<td>Square Feet</td>
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<tr>
<td>-------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Business</td>
<td>2,800</td>
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<tr>
<td>Library/Research Center</td>
<td>4,350</td>
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<tr>
<td>Meeting Rooms</td>
<td>45,700</td>
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<tr>
<td>Commercial</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>100,000</strong></td>
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<td><strong>Total Assignable:</strong></td>
<td><strong>177,850</strong></td>
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<td>Circulation/Mechanical</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>277,850</strong></td>
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<tr>
<td>Less Atheneaum</td>
<td><strong>89,800</strong></td>
</tr>
<tr>
<td><strong>Total Addition</strong></td>
<td><strong>188,050</strong></td>
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Alamo Plaza
Richard Meier
Colorado Springs, Colorado

- Geometric Parti
- Retail lines pedestrian paths
- Three clear functional separations
- Simple square column/bay system
- Bridge link designed to frame view of Pikes Peak and unify the separate elements
- Five stories maintains scale of surrounding buildings

Architect: it was a primary consideration to determine how what we did here could positively affect the entire downtown area.

Architectural Record 162:116-27 D '77
Cannery
Joseph Esherick
San Francisco, California

-Geometric Parti

-Open air market—see products being sold

-Interior gutted and replaced

-Lots of skylights

-Enterprise is serious—but doesn't take itself seriously

-Arcades on upper levels

-Column bay structure allows flexibility of walls—retail space

Architect:
Emphasis placed on UP!
Architecture sets off products being sold
Circulation is clear but with option of getting lost

Architectural Forum v.128, no. 5 p. 74-79 June 68
Fareuil Hall
Ben & Jane Thompson
Boston, Massachusetts

-Geometric Parti

-Inside/outside market stalls relating to both interior and exterior pedestrian paths

-Adjustable awnings on cable—defines exterior space—allows independence of movement

-Open interior arcade exterior

Architect:
1) Do not improve on history
2) When repair or replacement is required, new should be subtly distinguished from the original
3) Join successive styles in elegant compatible ways

Architectural Record 162:116-27 D'77
Ghirardelli Square
Worster, Bernardi & Emmons, Architects
San Francisco, California

-Court Parti

-How a building of previous time can be put to use today without destroying their inherent value as architecture

-Important use of open space to enhance—even make possible, a commercial development

-Make interesting roofs where there are views

-Many terraces add excitement but lack use—social custom?

-Implement green!

-Use of lights to highlight/attract attention

Interiors v.125 no. 3 p. 98-109 Oct.'65
Westlake Hall
Mitchell/Giurgola Architects
Seattle, Washington

- Fragmented Parti

- Parks create transitions from different fractional areas

- Pedestrian bridges provide access to all areas

- Green space flows through hotel linking each end visually

Architectural Record 162:116-27 D '77
The ICI is located in Indianapolis in the center of Indiana. It could then serve as the central meeting place for all groups within the state. Four major interstates cross paths at Indianapolis connecting it with all major urban areas and allowing easy access to everyone. The Indianapolis International Airport is located within the city limits and the central train station and bus terminal are within easy walking distance. Nine universities with foreign students are located within a one hundred mile radius. The city itself, with the largest population in the state, is contained within a ten mile radius around the International Center.
The site is one block square in the northeast quadrant of Indianapolis' mile square area. Michigan Street bounds it on the north, East Street on the east, Vermont on the south and New Jersey Street is its western boundary. It is adjacent to the Lockerbie Historic District, ten minutes walk from the Chatham Arch Area, and fifteen minutes walk from the Old Northside Historic District (all are residential areas).
The Central Business District and highest pedestrian concentration is ten minutes walk away. The bus services all four boundary streets and future plans call for a commuter train station one block north of the site.
Public and private utilities run under all four streets adjacent to the site. They include telephone, telegraph, electric, steam, sewer, water and gas. Because of its proximity to Lockerbie Square, one half of the site is zoned as a secondary historic preservation area. The other half is zoned commercial. Winter winds come from the northwest and summer winds from the southwest. Water runs from the center of the site outwards to the street sewer drains. Views away from the site were analyzed at both long and short range. Good long range views occur every direction from the site, except towards the southeast. Good and bad short range views occur with equal frequency on all edges of the site. Good views into the existing site occur on the north side and all four corners.
CBD-2

-Support uses for CBD-1—less land use intensity than CBD-1
-Outdoor display and sales area permitted (not exceeding 25% of floor area unless auto display or sales)
-100% lot coverage
-Unlimited building heights but subject to sky exposure plane controls
-Core-oriented off-street parking to locate in CBD-2
-Off-street parking required for uses outside area known as the Mile Square
-Off-street loading spaces required for buildings with more than 10,000 sq. ft. net floor area

C-S SPECIAL COMMERCIAL DISTRICT

-Permits combination of uses, commercial and noncommercial in a planned complex
-Intended to encourage greater creativity in land planning, superior site and structural design and development
-Minimum required Development Standards same as C-2 regulations
-Requires Development Commission approval of plans

HP-1 HISTORICAL PRESERVATION DISTRICT—SECONDARY

-A secondary district which profices additional limited control on uses peripheral to a HP-1 to insure compatibility and harmony. As in HP-1, a Certificate of Appropriateness is required.

1-3-U MEDIUM INDUSTRIAL URBAN DISTRICT

-Intermediate district located away from residential areas and buffered by lighter industrial districts
-Permits 1-3-U uses, 1-2-U uses, and 1-4-U uses (as accessory or incidental uses not exceeding 25% of the gross floor area) subject to 1-3-U standards
-Entirely enclosed operations if within 300 ft. of a residential district boundary
-Outside storage—not to exceed 50% of gross floor area and completely screened if within 300 ft. of a residential district boundary
-50 ft. maximum building height if within 300 ft. of a residential district boundary
-Minimum frontage: 35 ft.
-Yards
  side 10 ft.  40 ft.
  rear 10 ft.  40 ft.

HISTORIC PRESERVATION DISTRICTS

HP-1 Historic Preservation District One

-Designed to permit the preservation, reconstruction, restoration or development of a historic area with permitted uses and development controls appropriate for the period to be achieved. All site and development plans must be submitted to the Indianapolis Historic Preservation Commission for review and, if approved, issued a Certificate of Appropriateness by the Commission.
URBAN LAND (Fox Complex 0-3% slopes) well drained, nearly level to moderate sloping soils that are moderate deep and deep over sand and gravel and formed in loamy outwash and the underlying gravelly sand or in loamy outwash over the gravelly sand and sand.

Run off is slow. Droughtiness is main problem. Shrink swell is low moderate potential

High water table 6.0'
Moderate frost action.

Major management needs are maintaining organic matter content and fertility and improving and maintaining tilth.

No flooding (in 100 year flood plain)

Trees best suited:

N: Red Oak
Red Pine
Norway Spruce
White Ash
White Oak
E. White Pine
Black Locust
Sugar Maple
White Spruce
Yellow Poplar

SUMMER SUN
JUNE 12 NOON 75°

WINTER SUN
DECEMBER 12 NOON 27°