TOTAL SF 1/F 605+ larvae = 1047 SF
6th floor = 1752 SF
9th floor = 1762 SF
No extra circ
Ok tech
ARCH 302: ARCHITECTURAL DESIGN
ball state university | department of architecture | spring 2011
chiulni | dolson | de brea | elmin | gray | swartz

Introduction:

The Gresham Smith Competition is an annual program sponsored by Gresham Smith and Partners, a Nashville-based multi-disciplinary firm with offices throughout the Southeastern United States and Midwestern locations in Ohio. The firm has recently established an international presence with offices in Shanghai, China. The primary objectives of this competition are to provide a comprehensive studio project that will provide a learning experience and demonstrate your ability in conceptualization, design, development, and communication. Participants engage in a shared problem statement and submit their proposals for review by a two-stage jury representing various points of view within the profession of architecture and design as well as from the perspective of the user of the proposed facility.

The final jury will award several cash prizes at their discretion as follows:

Awards of Excellence: TBA
Honorable Mentions: TBA

The Design Challenge

The proposed Julia Carson Community Center (JCCC) is proposed to be located in the Mapleton - Fall Creek Neighborhood of Indianapolis, Indiana. The 57,000 GSF multipurpose facility is to be designed, constructed, and serve the community in honor of the late U.S. Representative, Julia Carson. The community outreach facility is to be sponsored through the Julia Carson Legacy of Love Foundation, Inc., under direction of Congresswoman Carson's son and Indianapolis Mayoral Candidate, Sam Carson. The JCCC's mission represents the best of Congresswoman Carson's national and global vision of a just and inclusive society, commitment to community, and love of family. The primary purpose of the Center is to provide compassionate support for the success of families, youth and seniors. It will be a visible catalyst for community health and well being providing social networking, family services, and recreational programs.

Through the Gresham Smith Competition, the Ball State University, College of Architecture and Planning, Department of Architecture, with support from the College of Architecture and Planning, Indianapolis Center (CAP: IC) has offered to assist the Julia Carson Legacy of Love Foundation in consolidating the objectives of its mission and facilitate community participatory engagement through a programmatic and conceptual design process. The proposed JCCC is a community partnership with three main components including the abovementioned Julia Carson Legacy of Love Foundation and their community service partners; community center social and cultural networking; and community center recreational programs. Each of these is an extension of a larger network of partners serving the community.

The Julia Carson Legacy of Love Foundation, Inc.

The Julia Carson Legacy of Love Foundation and their community service partners will provide a supportive environment for families and individuals needing help. Their primary mission is to assist those in need with coordinated support services including healthcare, job training and placement and interim housing. More detailed information will be provided herein.

JCCC Community and Recreational Facility Components

The JCCC will be the principal recreational center for the surrounding community. This includes recreation and wellness programs including dietary health, pre- and postnatal health, exercise facilities, and sports programs. More detailed information will be provided herein.

The community identified the need for having a place for senior, family and youth programs and networking. An integral part of the JCCC mission is to provide that "central place" for the community for meetings, after school programs for youth, and activities for seniors. More detailed information will be provided herein.
Overcoming poverty and racism, Julia Carson served nearly two decades in the Indiana legislature and in an Indianapolis administrative office before winning election to the U.S. House in 1996. Representative Carson, the first African American and woman to represent the Indiana State Capital, focused on issues that affected working-class Americans, many with which she was personally familiar. "The only thing some people learn from oppression and hatred is revenge. Others learn compassion and empathy," said former Representative Andy Jacobs, Carson’s political mentor. "From the physical pain of material poverty and the mindlessly cruel persecution of nitwit racism, Julia Carson made her choice of hard work, compassion, and a pleasing sense of humor."

Julia May Porter was born in Louisville, Kentucky, on July 8, 1938. Her single mother, Velma Porter, moved to Indianapolis, Indiana, to find work as a domestic. Julia Porter grew up poor, attended the local public schools, and worked part-time, waiting tables, delivering newspapers, and harvesting crops, among other jobs. In 1955, she graduated from Crispus Attucks High School in Indianapolis. Shortly thereafter she was married, and had two children, Sam and Tonya. She divorced while they were still young. She later studied at Martin University in Indianapolis and Indiana University in Bloomington. In 1965 she was working as a secretary at a local chapter of United Auto Workers when she met newly elected Representative Andy Jacobs. Jacobs was looking for a caseworker and district aide, and he hired Carson. She worked for Jacobs for seven years until 1972, when he encouraged her to run for office in the Indiana legislature. From 1973 to 1977, Carson served in the state house of representatives, serving as the assistant minority caucus chair, before winning election to the Indiana Senate. She served in the upper chamber until 1990, sitting on its finance committee and eventually holding the minority whip position. Throughout her service in the state legislature, Carson was employed as the human resources director at an electric company—a job she held from 1973 to 1996.

Representative Carson's work on the Transportation and Infrastructure Committee also allowed her to support local Indiana businesses. In 2003, Carson helped win $11 million in federal funding for transportation initiatives in Indianapolis, including highway expansion, street improvements, and augmented public transportation. In 2005, she sponsored the largest Amtrak re-authorization bill in history—the National Defense Rail Act. The $40 billion bill provided for the development of new rail lines including high-speed rail corridors, and Carson supported the bill partially because Amtrak's largest repair facility was located near Indianapolis. In 2000, Carson was one of the last House Members to support the extension of permanent normal trade relations with China. Intensely lobbied by President William J. (Bill) Clinton’s administration to support the bill, Carson hesitated because of China’s questionable human rights record and organized Legacy’s opposition to the measure. “I feel like I have been put in a Maytag washer and put on the spin cycle,” she noted before the vote. She reluctantly voted in favor of the legislation, believing that increased foreign trade would benefit Indianapolis businesses.

One of Carson's crowning legislative achievements was the bill she authored and introduced during the 106th Congress (1999-2001) to award the Congressional Gold Medal to civil rights activist Rosa Parks. It was while reading Parks’ autobiography, Quiet Strength, in early 1998, that Carson decided the civil rights activist—whose refusal to move to the back of a segregated bus in 1955 galvanized the modern civil rights movement—should be awarded the highest civilian honor bestowed by Congress. “I had a lingering kind of adoration in my own soul for Rosa,” Carson noted. “I always believed in my heart that it was Rosa who paved the way for me to go to Congress and to other places. I felt like it then became my purpose to give her some honor, to repay her.” The representative introduced a resolution to honor Parks with the medal on February 4, 1999—Parks’ 86th birthday. Carson began a media campaign on nationally syndicated radio and television programs, eventually netting 329 cosponsors. On April 20, the House passed the bill, 424 to 1. The Senate unanimously followed suit. “This is one of the best days of my life,” declared a tearful Carson. “Not for anything I have done to honor her, but the honor Rosa Parks brought to this whole nation.” On June 15, 1999, visitors packed the Capitol Rotunda to attend the Congressional Gold Medal ceremony. Carson was among the dignitaries who spoke at the ceremony, along with President Clinton, who presented the medal to Parks. Carson later helped her colleagues pass legislation allowing Parks to lie in honor in the Capitol Rotunda when she died in October 2005. Parks was the first woman to be given this honor.

In late 2007, Carson’s health once again became a concern. The Representative expressed frustration with her regular battle with asthma and diabetes. After missing an important vote due to health problems, Carson noted, “I understand how an athlete feels when they sit one out to recover from an injury. The minutes move slowly, and you want nothing more than to be in for the big game.” In October, Carson took a two-week leave of absence to recover from a leg infection that had forced her to traverse the Capitol in a wheelchair. One month later, Carson announced that she had been diagnosed with terminal lung cancer during a follow-up examination of her leg. Carson succumbed to the disease on December 15 in her Indianapolis home. She lay in state in the statehouse in Indianapolis on December 21. “Let’s remember Congresswoman Carson by doing the people’s work and fighting for those who don’t have a voice,” said her grandson, André Carson. “When you talk about Julia Carson, you’re talking about an American icon. The people’s champ,” he concluded.

A special election was held on March 11, 2008 to determine Carson’s replacement. André Carson won the election, Carson also won the May 2008 congressional race against six opponents. Carson won the endorsement of U.S. Senator Barack Obama, D-III, for the primary victory before winning the general election in November 2008. Carson was re-elected in November 2010.
The Site

As mentioned above under "The Design Challenge," the proposed Julia Carson Community Center (JCCC) is proposed to be located in southern portion of the Mapleton - Fall Creek neighborhood of Indianapolis, Indiana. Fall Creek Parkway, a five-lane artery which follows the natural contours of Fall Creek, forms the southern boundary of the site. Central Avenue, a major north-south artery forms the western boundary of the site. To the north of the site is 29th Street and to the east of the site is Ruckle Street, a quiet, residential drive.

Currently, the site is divided by a north-south alley between 29th and 28th Streets and 28th Street as shown above. There are a few existing structures on the site; however, the proposal is to utilize the entire 200,000 square foot site. Many of the parcels on the site, and in the surrounding community are vacant and overgrown with vegetation and debris. This condition, increasingly common in distressed American inner-city neighborhoods, is referred to as "Urban Prairie." Urban Prairie is a term coined to characterize large swaths of vacant city lots, typically covered with grass or untended weeds and litter. Urban prairie results from widespread building demolition, common in areas subject to extensive urban decay. These areas are not the same as a true, natural prairie. Such areas may become nothing more than fields of overgrown vegetation, or abandoned buildings as nature reasserts itself. The extent of the distress and abandonment commonly present in the cores of U.S. cities resulting from de-industrialization, historic segregation and discrimination patterns, suburban sprawl, erosion of a viable tax base, racism, inability to embrace the concept of desegregation and civil rights legislation, fear, despair, crumbling infrastructure systems, disinvestment in urban school systems, and environmental justice issues, constitute a "Fourth World" environment. The primary objective and mission of the JCCC is to confront Fourth World challenges and improve the overall quality of life for the citizens of the Mapleton-Fall Creek.
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The Site - continued

In general, the site is located in the midst of the most distressed portion of the Mapleton-Fall Creek neighborhood. Thus, "Urban Prairie" conditions are present to the west, east, and north of the site. Much of the community could be classified as "Fourth World" based on the criteria outlined above. Fall Creek and the accompanying parkway form a border to the south which divides the neighborhood from the King-Park and in-part, revitalized Fall Creek Place redevelopment to the south. Also along Fall Creek Parkway to the immediate south and west is the Julia Carson Government Center. The mid-rise building, designed by Skidmore, Owings and Merrill originally for Standard Life Insurance, houses Center Township Government offices, a bank, restaurant and lounge, quasi-public and private offices.

The existing zoning for the site is mixed between C1, C2, and D8. As mixed use development, the Community Center will most likely be designated as SU or "Special Use." Normally under such provisions, restrictions within the current zoning designations will prevail. All information regarding zoning for the sites may be found on line at http://imaps.indy.gov.org. Setbacks, open space, height restrictions, parking and floor-to-air ratios (FAR) and other detailed zoning concerns will be discussed during or following the site visit.

With respect to setbacks, "historic setbacks" are permitted without the use of a variance. Thus for example, when D8 Zoning requires a 25' front yard setback, it is permissible to design in a manner which aligns the structure with other structures on the street which may be 10' on average, from the property line. The southern setback from Fall Creek Parkway will be 50' minimum. These zoning nuances will be further explained during the site visit.

Regulatory requirements mandate that a minimum of 35% of the site remain as open space. This requirement enables the designer to propose such structures as terraces, overhangs, arcades, porches, verandas, piazzas, outdoor pavilions, etc. Courtyard space, outdoor seating and pavilions, and green roofs with access for visitors and staff may be included in the 35% requirement. Included in the facility program will be outdoor space(s) which may serve as an art garden, plazas for public gatherings and demonstrations, enclosed courtyard space for private reflection or meditation, or outdoor seating associated with and/or independent of the café. The minimum developed outdoor space(s) shall total no less than 50,000.00 square feet.

Parking

In most urban areas, Zoning Ordinances are problematic. The amount of parking required per Zoning Ordinances often parallel suburban, automobile-oriented standards. Several proposals are being considered which may reduce the conventional requirement for excessive, unsustainable parking. One of the changes involves the possible conversion of Central Avenue to two-way traffic. The other involves the introduction of light-rail systems to the community. Many of the neighborhood residents will arrive at the facility as pedestrians, cyclists, or via various means of public transportation. This should be considered as part of the design. It is important that the project be realistic for it will assist the Legacy of Love Foundation with its future endeavors. Presenting proposals that incorporate sustainable urban and community design principles may also encourage pro-activity among city officials and community activists. The JCCC will require a total of fifty (50) parking spaces on site. Parking may be surface or sub-surface. A minimum of ten spaces are to be designated as accessible.

Under provisions of the Central Indiana Transportation Initiative (Indy Connect), a 17-mile commuter rail system is from Downtown northeast to Fishers has been proposed to be constructed within the next five years. The rail line will pass just east of the JCCC site and much debate has taken place with respect to transit station locations along the trek. Mapleton-Fall Creek residents support a transit station at the nearby 30th Street interchange. Design proposals which take such transportation initiatives into consideration will only strengthen the community's position when final transportation system details are being resolved. This competition strongly encourages designers to propose progressive designs which interface with bus, express bus, rapid transit, light rail, and bike and pedestrian pathways. For additional information regarding the Central Indiana Transportation Initiative visit http://www.indyconnect.org.

Delivery

The alley, which currently runs north and south between 29th and 28th Streets, as well as 28th Street, may be vacated. The designer may exercise the option of maintaining the alley and/or 28th Street through the site and incorporating it into the design. At a minimum, portions of the alley may remain for the purpose of providing service access to the proposed JCCC. All deliveries to the JCCC will be restricted to the use of hand
The Site - continued

A Site Problem/Challenge

A major 24" water main is located under the site. The water main runs in a north-south direction, though the center of the site, under the alley. The main continues under 29th Street to the north and Fall Creek Parkway to the south and beyond. The challenge will be to design in a manner that will allow the utility companies access to the main, in the event of a repair of rupture. Creativity is strongly encouraged in this regard.

The Building(s):

As briefly summarized above, the primary purpose of the Julia Carson Community Center (JCCC) will be to provide compassionate support for the success of families, youth and seniors. It will be visible catalyst for community health and well being providing social networking, family services, and recreational programs. The JCCC will be a two-level minimum solution consisting three primary areas:

1. Administrative and community and supportive services spaces for the Julia Carson Legacy of Love Foundation including health care, job training and placement and counseling, and various community spaces/uses described herein.
2. Interim and/or Transitional Housing facilities.
3. Recreation and wellness programs including dietary health, exercise facilities, and sports programs. A central place for family and youth programs and networking, community meetings, after school programs for youth, and activities for seniors.

Additional ancillary facilities will be incorporated into the design including, but not limited to an on-site restaurant/café with courtyard access, a community theater/auditorium for film and performances, and a Julia Carson Special Collections Library and Archives to be linked to the Indianapolis-Marion County Public Library System. Finally, and most importantly the design shall serve as a living memorial to the memory of Congresswoman Julia Carson. The manner in which this living memorial is evoked and communicated to the greater Indianapolis community is of critical nature. Solutions such as a statue of Julia Carson placed on the corner of Central Avenue and Fall Creek Parkway are not acceptable design proposals.

A principal requirement of the new JCCC facility will be to achieve at least a LEED-ND Silver rating with respect to energy efficiency, indoor air quality management of construction materials, and overall sustainability. In addition to social and cultural, this competition will encourage that all designs demonstrate a commitment to environmentally sensitive and progressive heating, cooling and energy systems. It is unreasonable to require that ARCH 302 Students navigate through the hundreds of pages of documents necessary to pursue such a rating; however, it is strongly encouraged to develop rudimentary knowledge of the U.S. Green Building Council (USGBC), its primary mission, the various rating systems, and how strategies aimed at improving performance are taken into consideration throughout your design processes.

As an example, the recently established LEED for Neighborhood Development Rating System (LEED-ND) may also be considered for review. LEED for Neighborhood Development is a result of collaborative efforts between the USGBC, the Congress for the New Urbanism, and the Natural Resources Defense Council. LEED-ND literature places emphasis on the site selection, design and construction elements that bring buildings and infrastructure together into a neighborhood and relate the neighborhood to its landscape as well as its local and regional context. It provides guidelines and incentives for better location, design, and construction of new residential, commercial, and mixed-use developments.

Whereas other LEED rating systems have five environmental categories, LEED for Neighborhood Development has three: Smart Location and Linkage, Neighborhood Pattern and Design, and Green Infrastructure and Buildings. An additional category, Innovation and Design Process, addresses sustainable design and construction issues and measures not covered under the three categories. Regional bonus credits are other feature of LEED-ND. These credits acknowledge the importance of local conditions in determining best environmental design and construction practices as well as social and health practices. Currently, LEED-ND includes credits related to in-fill development but LEED for New Construction does not.

For more information regarding the U.S. Green Building Council visit www.usgbc.org.
Due to the programmatic nature of the proposed JCCC, the building may potentially have multiple access points; however, the Entry and Reception Area shall serve as the primary entrance to the entire building. Included in the Entry and Reception Area will be the following spaces, areas, or rooms:

- Main Entrance/Air Lock Vestibule (200 nsf)
- Stacked Reception Desk/Kiosk/Security Station (300 nsf)
- Coat Room (Storage) (150 nsf)
- Main Public Restrooms (2 at 300 sf each) (600 nsf)
- Seating Waiting Area/Informal Lounge (250 nsf)
- Atrium Space (3,500 nsf)
- Sub Total (5,000 nsf)

Adjacencies:
- Monumental Stairs and Elevators
- General Access to all Programmed Spaces

Note: The Atrium Space shall be open to upper and/or lower levels and shall serve as a focal point for the entire facility. The space shall be designed in a manner which will allow JCCC staff to establish specific directions to visitors regardless of purpose for visitation.

Community and Supportive Services Area (4,000 gsf)

- Reception/Waiting Area (200 nsf)
- Reception Station (150 nsf)
- Records (150 nsf)
- General Counseling Offices (6 Total) (150 nsf each)
- Health Screening/Counseling Offices (6 Total) (150 nsf each)
- Multi Purpose Guidance (Group Intervention Meetings) (500 nsf)
- Conference Room (400 nsf)
- Storage (100 nsf)
- 3,300 nsf

Adjacencies:
- General Access to Community and Supportive Services Area

Legacy of Love Foundation Administrative Suite (1,700 gsf)

- Reception/Waiting Area (200 nsf)
- Administrative Assistant (150 nsf)
- Executive Director (300 nsf)
- Deputy Director (250 nsf)
- Conference Room (400 nsf)
- Storage (100 nsf)
- 1,400 nsf

Adjacencies:
- General Access to Community and Supportive Services Area
Julia Carson Legacy of Love Foundation Component - continued:

- **Julia Carson Memorial Library**
  - 2,000 gsf

  The Julia Carson Memorial Library will be designed to reach a broader readership and permanently link to the Indianapolis Marion County Public Library System. The library will contain special collections including a Julia Carson Archives and additional volumes identified to address our nation's historic and ongoing challenges confronting and embracing issues of diversity. The library will also contain periodicals focusing on Julia Carson and the Legacy of Love mission. The majority of the books, periodicals and other reference material will be for reference only, however, a limited number of volumes may be checked out. Thus, the Julia Carson Library is to be staffed and a small checkout desk is to be included. The library is to accommodate 5,000 volumes of books. Computers will be located in the adjacent Resource Room.

  - **Floor Space for Collection Volumes**: 600 nsf
  - **Reader Space (Tables, Lounge Furniture)**: 600 nsf
  - **Staff Work Space**: 200 nsf
  - **Library Storage**: 200 nsf
  - Adjacencies:
    - Resource Room/Computer Lab
    - Lobby/Atrium/Reception Area (Visual)

- **Resource Room/Computer Lab**
  - 800 gsf

  In order to maximize the flexibility of the Julia Carson Community Center and minimize duplication of resources, the Resource Room shall be directly connected to the Library; however, it may remain open long after the Library is closed. The Resource Room/Computer Lab is to contain 10 desktop computer workstations with 21" flat screen monitors, two printers, a plotter, and storage space for paper, toner, and other supplies. The Resource Room is to be staffed by JCCC volunteer staff with rotating shifts. The Resource Room should also contain a small lounge for reviewing materials and relaxing.

  - **Computer/Printer/Plotter/Work/Station Area**: 800 nsf
  - Adjacencies:
    - Lounge/Gallery Area

- **Lounge/Gallery**
  - 2,000 gsf

  The Lounge/Gallery is likely to be the most active space in the Julia Carson Community Center. It will be a space for the community citizens and JCCC staff to gather, fellowship, relax. It shall be designed to encourage interaction between a diverse population and discourage social isolation. The space will contain elements similar to what can be found, albeit on a smaller scale, at the Student Center or at the Arts and Journalism Building (adjacent to Jamba Juice) at Ball State University. This includes small and large furniture clusters for intimate gatherings, a large format flat screen television, and amenities which each designer will be free to propose. The Lounge/Gallery will also serve as an art gallery. Local art work, installations, and other displays of community activism will be exhibited in the gallery.

  - Adjacencies:
    - Lobby/Atrium/Reception Area (Optional)
    - Monumental Stairs
    - Courtyard Space(s)
    - Legacy of Love Café (Optional)
    - Computer/Printer/Plotter/Work/Station Area
Julia Carson Legacy of Love Foundation Component - continued:

- **Legacy of Love Café/Kitchen**
  - 2,500 gsf
  - A small, rotating, informal restaurant/retail facility will be included in the Julia Carson Community Center. This restaurant will feature a range of cuisines prepared by various local restaurants. For example, on Thursday night, Creole food may be prepared under the direction of Yats. On Friday night, it may be announced that "Soul" food will be offered under the direction of Maxine’s Chicken and Waffles. On Saturday night, Abyssinia Restaurant may offer Ethiopian cuisine and demonstrate a wide range of food offerings from East Africa. Clearly, the objective will be to enhance the dining experience for residents of the community and to provide alternatives to the extremely limited dining experiences in the area. The Legacy of Love Café will include accommodations for fifty patrons and a full-service partially open kitchen, which will allow the patrons to experience the preparation of the food. The café should have an independent entry system and shall operate interdependently from the balance of the facility. Sidewalk and/or courtyard dining is encouraged, but not required.

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<th>Code</th>
<th>Description</th>
<th>Area (gsf)</th>
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<tbody>
<tr>
<td></td>
<td>Foyer and Vestibule</td>
<td>275</td>
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<tr>
<td></td>
<td>Dining Area</td>
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<tr>
<td></td>
<td>Kitchen</td>
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<td></td>
<td>Storage (Dry Goods/Cold)</td>
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<tr>
<td></td>
<td>Dedicated Restrooms (2)</td>
<td>125 (each)</td>
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<td>Adjacencies:</td>
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<td></td>
<td>Lobby/Atrium/Reception Area (Optional)</td>
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<td></td>
<td>Monumental Stairs</td>
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<td></td>
<td>Courtyard Space(s)</td>
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<td></td>
<td>Legacy of Love Café (Optional)</td>
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- **JCCC Theater**
  - 3,500 gsf
  - The JCCC Theater shall serve a myriad of venues from small musical performances, presentations of films, guest lectures, multimedia presentations, to poetry readings, plays, or spiritual affairs. This theater is to be intimate in scale and designed to accommodate a multiform stage and flexible arrangements. Despite the fact that the theater will be designed for a capacity of 200, it may have (albeit not required) an upper level or a stadium seating configuration. The designer or design team may elect to provide a foyer which is directly linked to the primary Entry or Reception Area or it may be directly accessed from the outside. Please be mindful that the theater may function at times when other areas of the building are closed and secured. Also, the space shall be classified as an assembly; thus, egress accommodations must be considered.

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<th>Code</th>
<th>Description</th>
<th>Area (gsf)</th>
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<tr>
<td></td>
<td>Foyer and Vestibule</td>
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<td>Ticket Office</td>
<td>50</td>
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<tr>
<td></td>
<td>Men’s Toilets</td>
<td>200</td>
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<tr>
<td></td>
<td>Women’s Toilets</td>
<td>250</td>
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<td></td>
<td>Auditorium</td>
<td>2,500</td>
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<td></td>
<td>Electronic Media Control Room</td>
<td>250</td>
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<td></td>
<td>Project/Spotlight Control</td>
<td>250</td>
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<tr>
<td></td>
<td>Stage</td>
<td>800</td>
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<tr>
<td></td>
<td>Backstage Changing/Rest Rooms (2)</td>
<td>125 (each)</td>
</tr>
<tr>
<td></td>
<td>Backstage Storage</td>
<td>300</td>
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<td></td>
<td>Adjacencies:</td>
<td></td>
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<td></td>
<td>Fire Stairs (If theater includes multi-levels)</td>
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<td></td>
<td>Lobby/Atrium/Reception Area (Optional)</td>
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</table>
Julia Carson Community Center Health and Wellness Component 25,000 gsf (Including Mechanical/Electrical/Circulation Spaces)

Julia Carson Community Center Health and Wellness Component 18,000 gsf

The JCCC Health and Wellness component shall be functionally designed to accommodate a wide variety of physical fitness and wellness programs for all ages and both sexes. The facilities will be made available to the under-served residents of the Mapleton-Fall Creek community, but will also be available to the greater Indianapolis community. This component of the overall Julia Carson Community Center may operate interdependently of the Legacy of Love component described herein. Operating hours may also vary. Thus, the program includes an independent Lobby/Atrium/Reception/Area. However, depending on the configuration of the JCCC design, the Lobby/Atrium/Reception/Area may be combined into a single space and central control point for the entire complex.

- Main Entrance/Air Lock Vestibule 200 nsf
- Staffed Reception Desk/Kiosk/Security Station 300 nsf
- Main Public Restrooms (2 at 300 sf each) 600 nsf
- Atrium Space 2,500 nsf
- Gymnasium/Auditorium (including Seating/Storage) 9,250 nsf
- Meeting/Club Room (Sub-dividable into 2 Rooms) 800 nsf
- Men & Boys/Women & Girls Dressing/Shower/Lockers
  - Locker Room (2) 500 nsf (each)
  - Lavatories/Grooming (2) 200 nsf (each)
  - Shower (2) 250 nsf (each)
  - Toilets (2) 250 nsf (each)
  - Storage Room (2) 100 nsf (each)
- Administrative Area
  - Administrator's Office 250 nsf
  - Assistant's Office 200 nsf
  - Conference/Meeting Rooms/Storage 500 nsf 17,000 nsf

Massage Therapy Area 1,500 gsf

The Massage Therapy Area is a unique and interdependent area within JCCC and may be included in or separate from the Health and Wellness area above. The designer, may elect for the Massage Therapy area to be a "bridge" between Physical Wellness and Mindfulness or place it within one of the two of the primary spaces. The area will be primarily comprised of the spaces intended for the purpose of fitness and wellness. Massage Therapy not only addresses physical (such as muscle spasm, spinal curvature, muscle soreness, headaches, temporomandibular joint dysfunction (TMJ), and bronchial asthma), but also mindfulness in stress reduction through touching and holistic alternative practices. It is strongly encouraged that each student or team conduct research for each major component. For instance, the American Massage Therapy Association publishes a quarterly Massage Therapy Journal which contains a myriad of interesting articles - visit [http://www.amtamassage.org/journal/home.html](http://www.amtamassage.org/journal/home.html)

- Mechanical Massage (6) 40 nsf (each)
- Private Message Suites (6) 40 nsf (each)
- Utility Room for Mechanical Massage 25 nsf
- Therapist's Station 50 nsf
- Manual Massage Therapy (Group) 250 nsf
- Horizontal Spine Stretching (2) 40 nsf (each)
- Storage Room 75 nsf
- Massage Desorption and Adminstrating Suite 100 nsf
Julia Carson Community Center Health and Wellness Component - continued

Mindfulness and Stress Reduction Area

Within the Mindfulness and Stress Reduction Area, each student or team will have the freedom to determine the appropriate spatial allocations and programmatic considerations to be included in the area. The gross square footage of the Mindfulness and Stress Reduction Area is as summarized herein; however, it will be the designer's discretion as to how the area is utilized. The only mandatory requirement is that a minimum of 25% of the Mindfulness and Stress Reduction Area be outdoors on the grounds of the JCCC in an interior or exterior courtyard space. The following is a summary of spaces for consideration - only:

- Mindfulness and Emotional Rest Block
  - Music Therapy
  - Light Therapy
  - Sleep Therapy
- Mindfulness Inhalation Block
  - Medical Inhalation
  - Specialty Inhalation
    - Salt Room
    - Air Room
    - Aroma Therapy
- Mindfulness Cooking Laboratory
  - Kitchen
  - Classroom
  - Mindfulness Dining - Indoor
  - Mindfulness Dining - Outdoor

Julia Carson Community Center Residential Component

Julia Carson Community Center Residential Component

Design a series of attached or detached, or apartment-style furnished residential dwelling units as required to support the JCCC Crisis Intervention Program. The dwelling units are to be clustered in a manner which are physically compatible with the remaining JCCC nonresidential components on the site. The units shall be designed within established regulatory requirements as well as in accordance with the objectives of the Julia Carson Community Center.

- 5 One-Bedroom Units 800 gsf (each)
- 5 Two-Bedroom Units 1,000 gsf (each)

Livability within dwelling units is a function of both overall square footage and the design and layout of the unit to support family activities and individual privacy. The unit should be zoned to separate public areas such as the living room and kitchen from the private areas with bedrooms and bathrooms. Circulation should bypass rather than cut through rooms (particularly the living room) so that rooms can be easily furnished and activities are not disrupted by circulation flow. The following design guidelines apply to all units. They are based on resident input on design during the planning process for a similar revitalization initiative.

Entry

Provide a separate entry area/hallway, whenever possible, to separate coming and going traffic from activities within the unit, particularly in the living room. This area should include a coat closet (larger closet in larger rooms).
Living Room

Living room shall be located on the front side of unit near the front entry door. Separate living room from unit circulation to provide more privacy in this formal room.

Dining Area

Provide a separate dining room directly adjacent to the kitchen for ease in setting the tables and cleaning up. A large eat-in kitchen which accommodates all family members is also acceptable; consider providing a snack counter between the kitchen work area and the dining room. A combination living room/dining area is acceptable in one bedroom units only.

Kitchen

Kitchens will be visually separate from the living room and entry hall. Kitchens must be able to accommodate several people working at the same time. Natural light into the kitchen is preferred. The minimum mixing counter top width shall be 36" in a 1 BR, 42" in a 2 BR.

Bathrooms

One full bath will be provided in a 1 BR and 2 BR unit (if one-story); one and a half baths will be provided in two-story 2 BR units. One linen closet will be provided in each unit. Vanities are preferred.

Bedrooms

All bedrooms will be designed for double occupancy and have a minimum of 120 square feet. Furnishability with two twin beds and dressers is the required test for double occupancy. A minimum of 5'0" of linear closet space should be provided in each bedroom, 6'0" is preferred.

Storage

One bulk storage closet for seasonal items, suitcases, bicycles, etc. will be provided in each unit; this storage closet will increase in size for larger units.

Utility Space

A space or space(s) shall be included to house washer and dryer units, a gas furnace, and water heater. Include a shelf or space for storage of detergent and other laundry supplies.

General Note:

Porches, patios, and decks shall not be included within the square footage indicated above.
ARCH 302: ARCHITECTURAL DESIGN

The 2011 Gresham Smith Competition allows students to submit individual or team project submissions. Teams will consist of two students, and individual students will be required to develop a Master Plan for the entire site and, at a minimum, design the 30,000 sf Julia Carson Legacy of Love Foundation component. Under this scenario, the individual student will be required only to graphically illustrate the location of the Julia Carson Community Center Health and Wellness component as well as the residential component, but he or she will not be required to design the latter components.

Team submissions will be required to have developed a Master Plan for the entire site, design the 30,000 sf Julia Carson Legacy of Love Foundation component, and design the 25,000 sf Julia Carson Community Center Health and Wellness component. The team will be required only to graphically illustrate the location of the residential component. Thus, the programmatic spaces listed above for the residential components are for reference only.

COMPETITION EVALUATION CRITERIA

Proposals will be evaluated by the jury with criteria that includes but are not limited to the following:

- Strength and Clarity of Design Conceptualization and Materialization
- Design Response to Programmatic Requirements
- Design Response to Context
- Evidence of Sustainable Concepts
- Formulation of Spatial Relationships
- Building Systems Integration

COMPETITION SCHEDULE

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>February 28, 2011</td>
<td>Introduction of Competition/Description</td>
<td>1:00 PM</td>
</tr>
<tr>
<td>March 2, 2011</td>
<td>Introduction of Project/Site Visit</td>
<td>1:00 PM</td>
</tr>
<tr>
<td>March 16, 2011</td>
<td>Questions to Competition Committee Due</td>
<td>1:00 PM</td>
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<tr>
<td>March 18, 2011</td>
<td>Answers to Questions + Further Information</td>
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<td></td>
<td>Deliverable Requirements/Scale</td>
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<tr>
<td>April 27, 2011</td>
<td>Project Submissions Due</td>
<td>9:00 AM</td>
</tr>
<tr>
<td>April 28, 2011</td>
<td>Selection of Finalists</td>
<td>10:00 AM - 1:00 PM</td>
</tr>
<tr>
<td></td>
<td>Awards Ceremony</td>
<td>4:00 PM</td>
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</tbody>
</table>
5 – Site and Context Photographs
PUBLIC SAFETY IMPROVEMENT AREA

POLICE LINE DO NOT CROSS
Inspirational Works Cited

The following is a list of all the projects and images that inspired me along the way. They can't be directly cited within my work, but many of them had an influence on my design process.

Another Architecture Office
   http://www.anotherarchitectureoffice.com/

Arena Ulstein Proposal
   http://www.archdaily.com/120711/arena-ulstein-proposal-lundslaatto-nils-tveit/03-overview/

Chinese Wood Sculpture Museum

Community Center of Herault
   http://www.max4object.com/wp/?p=1153

Concrete House

Giant Interactive Group HQ
   http://morphopedia.com/projects/giant-interactive-group-corporate-headqu

Heydar Aliyev Cultural Centre
   http://www.evolo.us/architecture/heydar-aliyev-cultural-centre-zaha-hadid-architects/#more-9398

Hydra-Tesla Research Facility

Reception Desks
   http://www.receptiondeskworld.com/

Re-imagining the Hoover Dam
   http://www.evolo.us/competition/re-imagining-the-hoover-dam/
Ribbon House
   http://www.archdaily.com/98642/ribbon-house-g2-estudio/second-floor-plan-196/

River Frontage Green Building Concept

Supermarket by Interface Studio
   http://www.is-architects.com/main/index.php?/selected-work/supermarket/

Taiwan Center for Disease Control Complex
   http://www.kompete.com/node/1544

World Sustainability Centre
   http://www.kompete.com/node/1535

Yesler Community Center - Projects - Mithun
   http://mithun.com/projects/project_detail/yesler_community_center/

Zaha Hadid Architects
   http://www.zaha-hadid.com/home