

University at Albany
State University of New York

Campus Center Master Plan Final Report

December 2009





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December, 2009

Errol Millington, Director
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University at Albany – State University of New York
1400 Washington Avenue
Albany, NY 12222

Re: Campus Center Master Plan
Preliminary Report

Dear Errol:

We are pleased to submit this final report for the Campus Center Master Plan. The report was prepared by WTW Architects with our consulting team of Sage Engineers Associates (MEP), Ryan Biggs (structural), Clark Engineers (civil), Envision Strategies (food service), and VJ Associates Inc. (cost engineering). We enjoyed collaborating with many University representatives who provided important input for this study.

Concurrent with the University's mission to enhance the educational experience for its students, this report defines a vibrant long range vision for the Campus Center. The report recommends significant renovations to transform the existing facility into a dynamic new center for student life. To provide enhanced student programs, a new 50,000 sf expansion is proposed with a new wellness center, a multipurpose auditorium and an enclosed Learning Garden atrium. Suggested site improvements include enhanced landscaping, walkways, and parking areas to compliment and reinforce the objectives of the overall campus master plan. The improvements are proposed in three phases to align with anticipated funding. In total, these recommendations represent a well-considered plan to bring vital improvements and a dynamic new vision to the Campus Center.

The WTW planning team worked interactively with the Steering Committee and the Space Planning Committee as well as the numerous students, staff, and administrators, who participated in the planning process. We appreciate the extensive time and effort expended by all members of the University in assisting with this report. Special thanks go to you for your superb leadership and participation with this study. We also wish to acknowledge the initial vision and guidance provided by Bob Prendergast.

We are delighted to have been part of this planning effort and look forward to continuing our relationship with the University through the next phases of this exciting project.

Very truly yours,
WTW ARCHITECTS

Paul Knell, AIA
Senior Principal

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PITTSBURGH, PA
COLORADO SPRINGS, CO

ACKNOWLEDGMENTS

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1. Executive Summary



EXECUTIVE SUMMARY

Introduction

This is an exciting time for the University at Albany. As part of the SUNY system, the University is embarking on a campaign to significantly energize the facility that most immediately impacts the student life experience. A transformation is about to begin to revitalize the Campus Center. The proposed complex will become the dynamic new centerpiece of student life and the vibrant gathering place for all members of the University community.

The core structure of the Albany campus is the product of the visionary, classically modern architecture of Edward Durrell Stone. Its design is unparalleled in its comprehensiveness, providing a unique statement of academic permanence. The campus is classical in its form. The central podium structure is elegantly sited on the high ground of the campus surrounded by park-like green space. The vision of Edward Durrell Stone to create a statement of collegiate order is clearly defined. Furthermore, the Campus Center is well integrated as part of this original iconic vision, but therein lies both its strength and deficiency. The existing Campus Center is a stately expression of 1960s collegiate architecture, but is falling short of meeting the needs of students in the 21st century.



Aerial Map of the University at Albany Campus

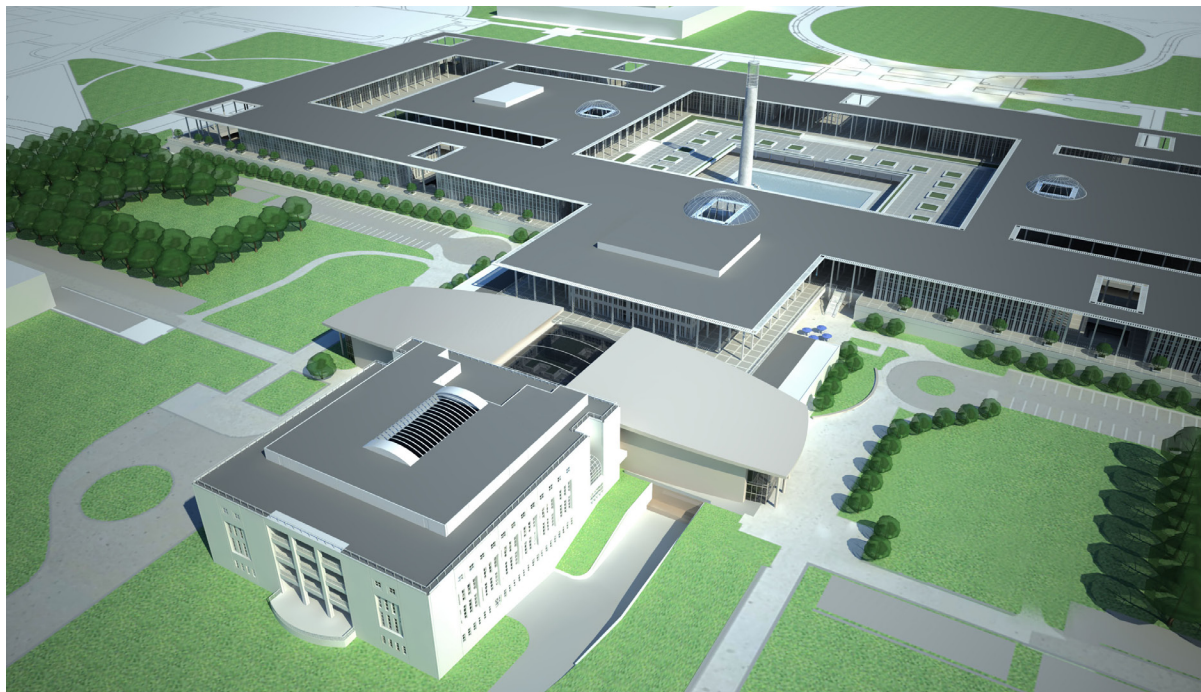


University of Akron - A Gathering Place for Students

The University's vision for a revitalized Campus Center recognizes the importance of student-centered design. As the anchor of student life, the Center inherently becomes the living room of campus. A respite from academic study, it is a place where students can relax and recreate. It provides a forum for socialization and networking and a catalyst for the development of leadership skills. To reach its full potential, the new Center must celebrate campus life with exciting programs and events that create a vibrant new environment of student engagement and involvement. A significant overhaul of the building will revitalize the quality of life features of the University and become a strong tool for the recruitment and retention of students. Such a transformation of the Campus Center will provide a dynamic catalyst for a remarkable transformation of the entire campus.

One of the best features of the existing Center is its central location on the campus. It links directly with the podium and its central courtyard, the science library, and the adjacent green space in between. There is available parking nearby and convenient public transit for commuters. The existing Campus Center is a fairly active facility with a variety of retail amenities including food services, a convenience store, a bank, and bookstore. The current facility also houses a number of student related functions including the Office of Student Activities, the Student Association, several major student clubs and organizations, and various other student services. The relationship of the University at Albany's Campus Center to the academic core is unique among its peers. The Campus Center is joined to the academic core by a common podium structure and is the primary location on campus for student activities and dining within the podium. This is in contrast to many peer institutions which have student activities and multiple food venues spread across a broad area.

However, the existing building is under-performing as a student life center. The facility should be a major recruitment / retention feature for the University and a dynamic expression of campus life. Instead, the main lobby is dark, drab, and unappealing to visitors and in need of repair. The food court is congested and service deliveries often conflict with the customer's dining experience. Meeting spaces, pre-function areas, and the bookstore are undersized. Student life groups, student activities, and related student services are scattered in somewhat disconnected locations throughout the current facility. Portions of the building's infrastructure and MEP systems are at the end of their useful life and in need of replacement. Overall, the facility lacks the appeal, visual openness, and transparency often found in other student centers. The Campus Center at the University of Albany is falling behind similar facilities at peer institutions.



Proposed View - New Addition

Another key factor is the aging infrastructure of the original building. Opened in 1967, the original facility is more than 40 years old. Many portions of the mechanical and electrical systems have not been updated or replaced and are beyond their useful life. The original HVAC system is energy wasteful and the pneumatic temperature control system is ineffective. The original single paned glazing system is far below the sustainability standards for facilities today. Toilet rooms are undersized and not ADA compliant. Egress stairs do not meet current building codes. Interior finishes and lighting in many of the primary public spaces are in need of refurbishment.

Summary of Key Maintenance and Repair Issues

General/Architectural:

- Replace original vestibules, doors, and hardware
- Replace original single glazed windows with thermal framed / double glazing system
- Upgrade interior finishes in primary areas
- Replace 9"x 9" (suspected asbestos) floor tile
- Upgrade interior doors and hardware to be ADA compliant
- Upgrade majority of public restroom facilities
- Upgrade egress stairs / handrails to meet current code requirements
- Upgrade elevators
- Reconfigure existing main kitchen with selective replacement of kitchen equipment

Mechanical:

- Replace original HVAC system with a more efficient VAV system
- Replace the original pneumatic temperature controls with a complete DDC system
- Replace kitchen hood exhaust fans and modify discharge to meet current codes
- Install backflow prevention on domestic water main
- Replace main hot water heat exchanger
- Replace outdated pumps at podium fountain
- Fully sprinkler entire facility

Electrical:

- Refurbish original saucer lighting
- Update original recessed radial lighting at interior columns
- Replace majority of lighting in original 1967 building
- Replace original 1967 panel boards and receptacles
- Selectively replace original wiring
- Expand existing telecom system
- Update fire alarm system in 1995 addition



Assembly Hall

This report outlines a set of recommendations to revitalize the Center. Proposed is a 50,000 sf expansion with a sequence of strategic renovations to the existing facility. The introduction of new activities and programs for students and some related adjustments to existing operations are recommended. Also proposed is a phasing plan that aligns with the probable funding for the project. Architectural enhancements to make the Center more open, transparent, and inviting would also be hugely beneficial. This report envisions a transformation into a more vibrant, comprehensive student life center...one that engages students, inspires visitors, and dynamically celebrates the educational experience at the University of Albany.

Recommendations

1. Respect the Original Building Exterior

The classical elegance of the original building facades should be respected and preserved. The symmetrical rows of slender flared columns give the Campus Center its beauty and identity as an integrated part of the central campus architecture. The new expansion should not attempt to join or attach onto the original structure thereby altering the original formal geometry. Nor should the new expansion attempt to mimic or duplicate the particular style and detail of the original design. Rather, the proposed expansion of the Campus Center should make a new, more contemporary architectural statement that is both separate and distinct from the historic form of the original 1967 building.



Existing Flared Columns and Podium Courtyard

2. Renovate the Main Lobby

As a foyer, the existing main lobby is largely unsuccessful. It is tight, dark, un-welcoming, and does not currently create a good first impression for students and other visitors. The main lobby should be fully remodeled to address deferred maintenance and, at the same time, opened up to create a greater sense of transparency and excitement. Portions of the original vertical banding should be removed to create more visual openness. The existing black aggregate wall panels should be replaced with lighter, richer, more humane materials. New energy efficient interior lighting and contemporary finishes should be considered. As the University's 'front door' this lobby space has the opportunity to set a dynamic design theme and make a new first impression for what should be the most important recruitment facility on the campus.



Existing Campus Center Fountain



Existing Campus Center Lobby



Existing Campus Center Stairwell



Peters Township - Wellness / Aerobics Studio

3. Redirect the Central Stairway

The central stair which connects the existing main lobby to the garden level is the most heavily used stairway in the facility. Yet, it is a stairway that essentially leads to nowhere by delivering visitors from the building's main entrance directly into a congested, uninviting dining area. Instead of a gracious connection to the various public spaces and features of the garden level, visitors must navigate around two columns that restrict the flow of people on the stair and also through a food servery overcrowded with table and chairs. The existing stair should be replaced with a wider, more gracious, public stairway that provides a straight central north-south axis connection with the new garden level Learning Garden proposed below.

4. Add New Program Components for Students

A new 20,000 sf wellness center should be planned on level 1 with views into the Learning Garden. By planning a new multipurpose auditorium for movies, lectures, performance events and other student programs on the garden level, the Learning Garden could serve as prefunction space. A new game room with billiards, table games and the latest in digital / electronic gaming should be configured in the space vacated by the sushi and sub outlets. This is central to several food court outlets which makes this game room location a good opportunity to become a dynamic 'late night zone' for students.

5. Enclose the Outdoor Courtyard to Create a Public Gathering Space / Learning Garden

With the harsh Albany winters, an interior garden-like public space that can be utilized all year around would be a desirable feature and a valuable amenity. The new Atrium / Learning Garden would become the central public space of the facility and would directly link the new central stair with the science library, new multipurpose auditorium, and other dining / retail services on the garden level. The existing courtyard fountain could be retained and new interior landscaping would be added. The Learning Garden would include an area with indigenous plants with botanical information on each species. This space could also host public gatherings, student programs, receptions, musical performances and other special University events.



Proposed View - Atrium / Learning Garden

6. Utilize Existing Basement Space to Expand the Bookstore

The library storage in the current east wing basement should be condensed and relocated to the space in the west wing basement that is currently under-utilized. The existing bookstore should be remodeled on the garden level and expanded into the east wing basement. This will result in a new larger bookstore that is more appropriately sized for the Albany campus. By extending the existing library service drive, a new loading dock can be constructed to accommodate bookstore deliveries to the basement level.



Existing Campus Center Bookstore

7. Consolidate the Food Court & Main Kitchen

The island of food outlets (Soups / Subs / Sushi / Au Bon Pan) currently located in the center of the food court should be relocated and consolidated along the south wall of the main kitchen. This will provide a direct link from the main kitchen to each outlet, reducing unnecessary back-of-house space and providing a more efficient food service operation. The existing Commons Servery will be eliminated and the current dishwashing operation should be redesigned into a reconfigured main kitchen. Remodel the existing employee lockers area to provide for a direct path for food deliveries from the service tunnel directly into the main kitchen...separate from trash leaving the facility.



Ohio University - Food Court

8. Create a New Specialty Café to Replace the Patroon Room

Plan a new food service operation on level 1 of the east wing to replace the Patroon Room. This Specialty Café should be planned to appeal to a wide variety of different customer groups and provide a flexible menu that is adaptable throughout the day. The operation should accommodate an upscaled buffet with a varied menu for lunchtime service, a coffee-cappuccino-pastry station for early morning through late afternoon, and perhaps a 'student coffee house' theme at night. Some outdoor dining / sidewalk cafe options should also be considered. Located just off the renovated main lobby, this Specialty Café will help to activate level 1 of the facility.



Ohio University - Students Studying at the Café
(Courtesy of Ohio University)

9. Designate Level 2 for Meeting & Events

The Ballroom and Assembly Hall will remain on level 2. The balance of this floor should be converted to meeting spaces, conference rooms, and related lounge / prefunction areas. This will result in better synergies for meetings and events, easier wayfinding, and improved understandability of the building.

10. Consolidate Key Student Life Groups on Level 3

Student Activities staff, the Student Association executive suite, and many of the student organizations and clubs are currently dispersed throughout the existing building. By consolidating Student Activities staff, the Student Association executive suite, and selected student organizations and clubs on level 3 of the facility, the groups would benefit being in closer proximity to each other.



Existing Campus Center - Meeting Room



The Georgia Institute of Technology - Student Leadership Center for Student Projects and Activities

Project Phasing & Implementation

The scope of the project can be sequenced in three phases that align with potential funding. The first two phases could be implemented over the next several years. The sequence of project construction and related funding is anticipated as follows:

Phase One

Maintenance improvements to the main lobby

Probable Project Cost: \$1.5 million

Phase Two

Construct the new 50,000 sf addition and renovate related areas on the garden level

Probable Project Cost: \$40.7 million

Phase Three

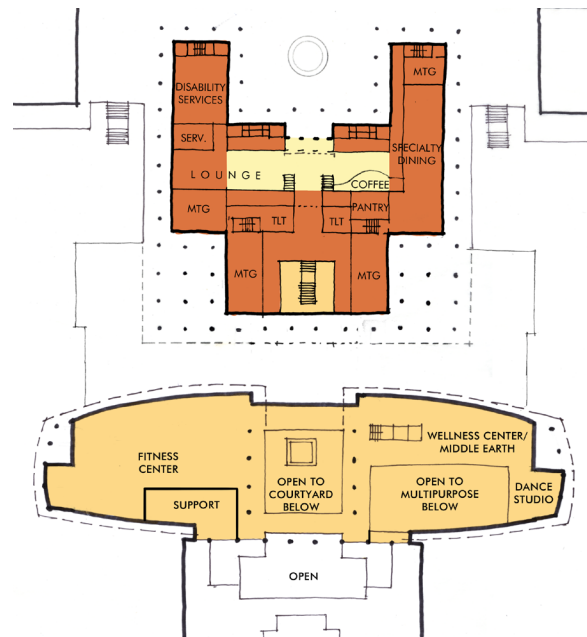
Renovate and repair other portions of the existing facility

Probable Project Cost: \$31.4 million

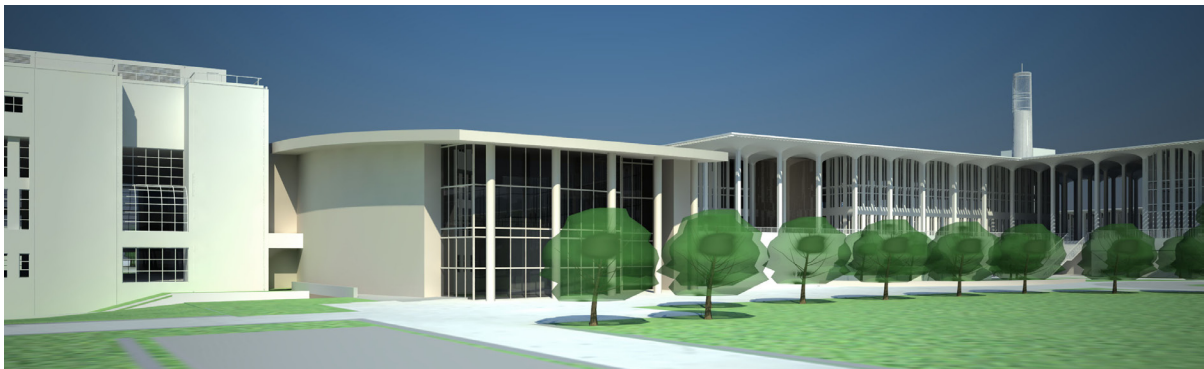
This report outlines a strategic set of recommendations that comprehensively define a new vision for the existing building. Envisioned is a facility that serves as the vibrant centerpiece of campus life and a major recruitment / retention feature for the University. Proposed are new services, programs, and amenities to enhance pedestrian energy and dynamics. The revitalized facility will be the central crossroads of campus life and the gathering place for all members of the University community. Envisioned is a vibrant, comprehensive student life center...one that celebrates the educational mission of the University, respects the architectural heritage of the campus, and dynamically engages the students of the 21st century.



Proposed View - Main Lobby



Proposed Level 1 Phasing Plan



Proposed View - Southeast

2. Site Analysis



SITE ANALYSIS

Introduction

The University of Albany has one of the most notable campus plans in higher education. The podium with the Campus Center at its apex, serves as the central architectural landmark for the various neighborhoods of the University. To better understand the campus neighborhoods, the planning team toured the University and observed basic pedestrian and vehicular circulation patterns. The team also met with University representatives to review existing site documentation, utility information, and to coordinate our planning efforts with other development initiatives (such as the proposed stadium) also proceeding concurrently with our study.

The following site diagrams are included in this section of the report:

Existing Campus Neighborhoods - An overview of existing campus districts

Existing Circulation - Key vehicular and pedestrian circulation patterns that directly influence the Campus Center

Existing Site Features - A review of the immediate Campus Center site

Existing Site Utilities - A mapping diagram of existing known underground utilities provided by the facilities office.

Site Narrative

The existing Campus Center enjoys a prominent location on the University of Albany campus. It is central to all the major University districts and integral to the academic podium of the institution. The facility itself serves as a crossroads that links the various residential campus neighbors, commuter and staff parking / arrival points, the athletic district to the south, and the academic podium to the north.



Fountain Plaza

The fountain plaza, located on the podium level along the north side of the facility, is a highly active pedestrian space that provides a dramatic forecourt to the building's primary entrance and main lobby. Much of this outdoor area is roof covered and therefore becomes a place where students hang out, set up tables, and meet with friends even during the harsh winter months.

The podium level south of the building is used far less. However, this south extension of the building provides a direct link with the Science Library. The key site feature here is the outdoor courtyard with its central fountain. While the courtyard helps to bring natural daylighting into the garden level of the facility, its abundance of concrete and hard surfaces discourages the use of this outdoor amenity.

Directly east and west of the facility are two linear green spaces that include mature trees, permitted parking areas, and a series of pedestrian pathways that provide garden level access into the Campus Center. This study (along with other campus planning initiatives) suggest a better plan is needed for the integration of pedestrians, vehicles and parking in these areas.

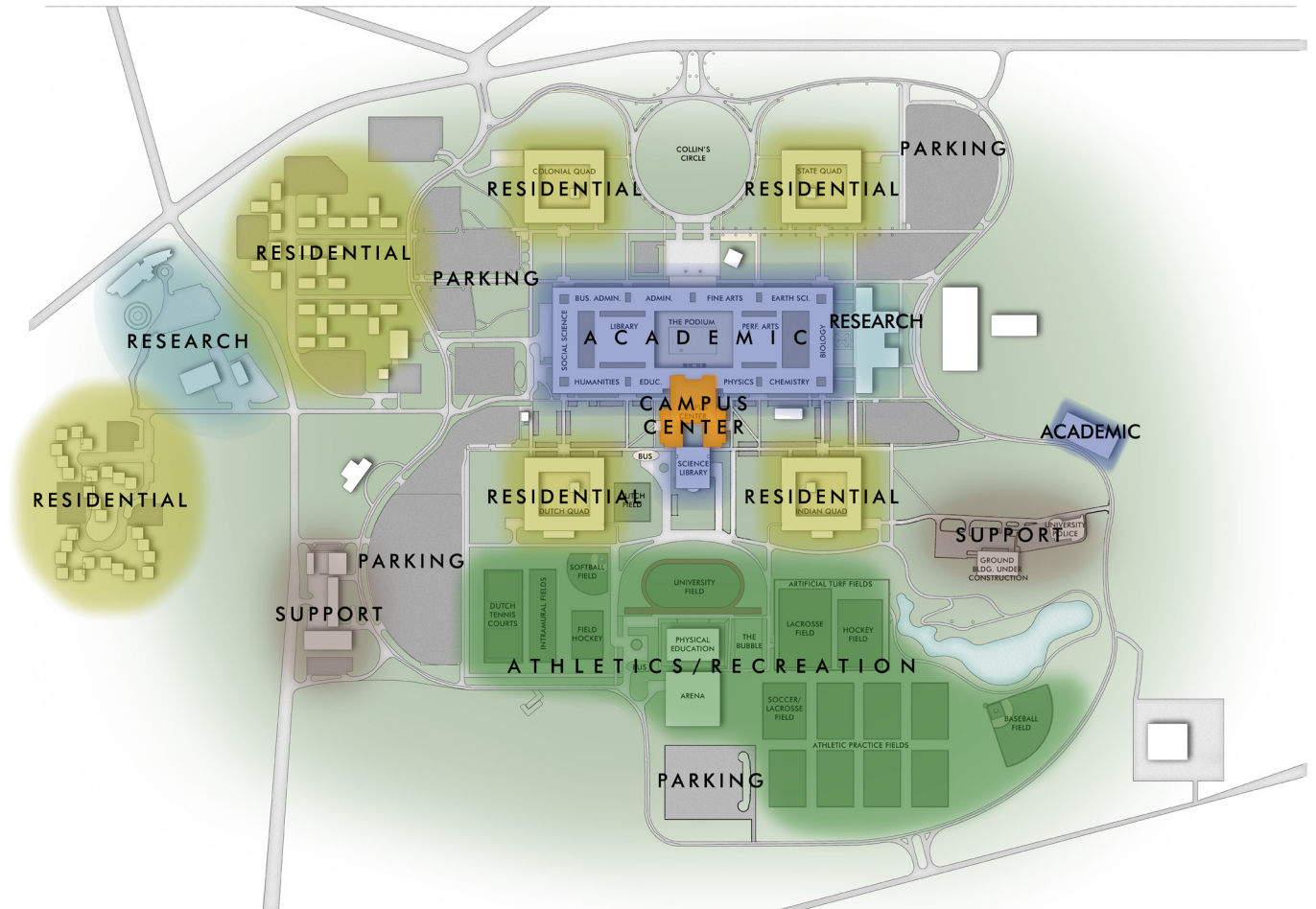
Public transit access is conveniently located just to the southwest of the current facility. At times when students are arriving or departing the campus, this transit stop is a highly used amenity. A better direct pedestrian entrance is needed between the bus drop-off point and the Campus Center.



Central Courtyard



Aerial Map of Campus Center (Google Maps)

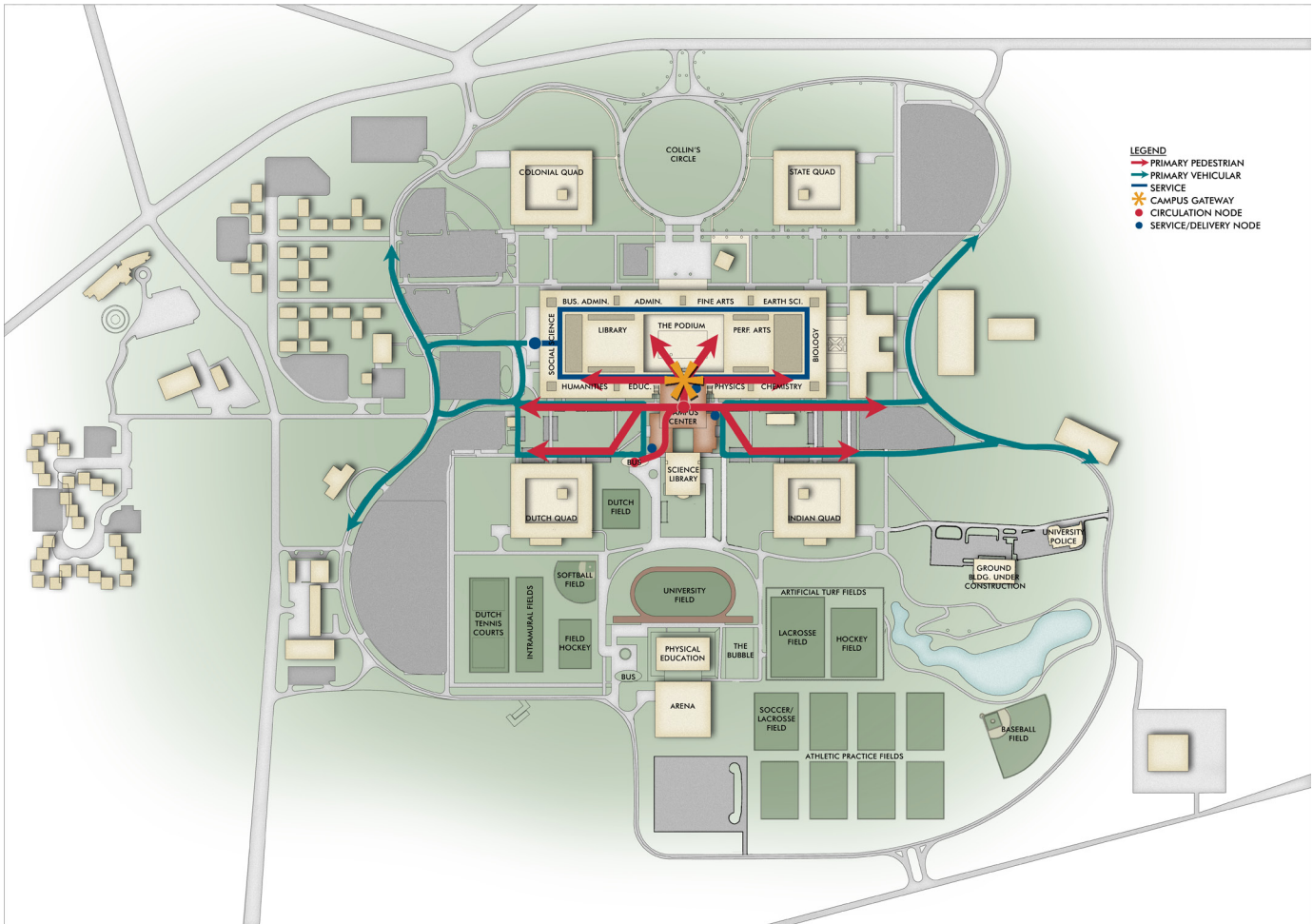


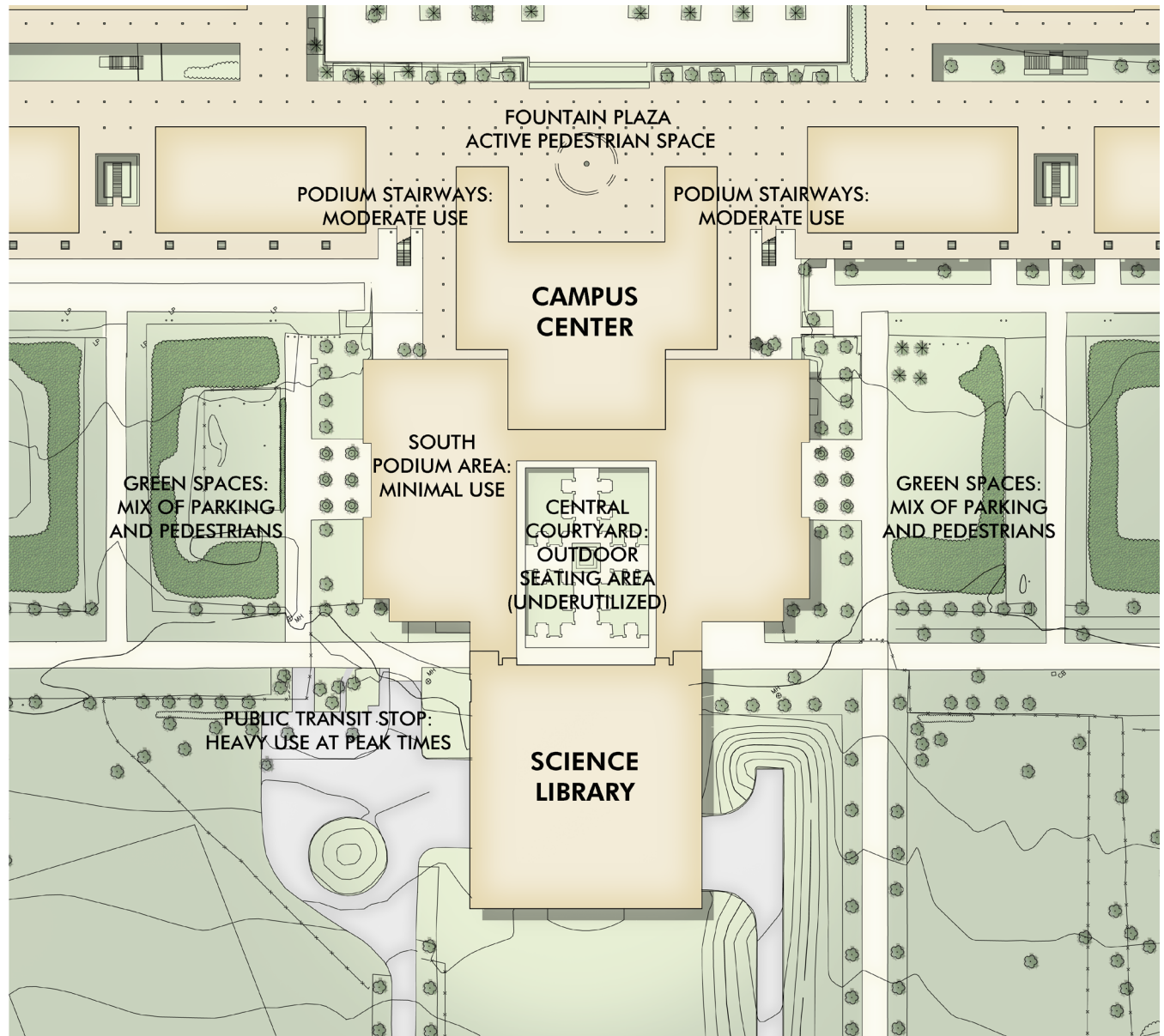


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CAMPUS CENTER MASTER PLAN

DECEMBER 2009

EXISTING CIRCULATION







*UTILITY INFORMATION PROVIDED BY THE UNIVERSITY FROM THE WOODWARD & CORRAN STUDY

LEGEND
 UTILITIES TO BE RELOCATED
 IN THESE AREAS

3. Audit of Existing Facility



AUDIT OF EXISTING FACILITY

The Legacy of Edward Durrell Stone

Edward Durrell Stone's design for the Uptown Campus of the University at Albany is the result of a thoughtful, well-conceived master plan, constructed in one herculean effort between the years 1964 and 1971. His design for the campus was comprehensive in its scope, rigidly formal in its execution, and starkly modern with its limited palette of materials. He took one big idea to consolidate all teaching facilities within one educational 'podium' surrounded by four residential towers and expanded upon this concept by designing a unified, insular structure to house the entire uptown campus.

Paul Venerable Turner describes in Campus, an American Planning Tradition, "In the early 1960's traditional patterns of planning began to reappear and even the beaux-arts system of design made a comeback of sorts-as in Edward Durrell Stone's plan for the Albany campus of the State University of New York. With four dormitory towers in quadrangles placed symmetrically at the corners of a vast, raised academic podium where a fountain campanile provided the central focus, the plan was rigidly formal and violated most of the precepts of postwar campus planning theory, especially in its resistance to change or revision. In contrast to the preoccupation with 'process' and 'flexibility' among most campus planners of the period, Stone's Albany design spoke nostalgically of collegiate permanence and order."

Stone's scheme is unique in its capacious design and rigorous adherence to a limited use of forms and surfaces. WTW's approach is to respect his overall plan by avoiding a direct physical connection to the original structure, connecting only to the later Campus Center Extension and Science Library buildings. WTW also proposes preserving the character-defining elements of the existing Campus Center building while strategically making measured adjustments to the spatial organization and upgrade of interior finishes to provide students with an experience that is relevant to their needs and expectations.

There are several character-defining elements of Stone's Campus Center design which must be preserved. Among the most prominent are the elements of the exterior façade, the exterior fountain at the main entrance, the main lobby, and ballroom areas. Unique features include 'saucer' style suspended light fixtures and the recessed strip lighting installed into column capitals.

Exterior Façade

The façades of the podium buildings are typically located on column center lines, highlighting the splayed column capitals. The Campus Center differs in that the outside wall falls midway between the evenly spaced columns, except at the main entrance where the outside wall is framed by the columns. Vertical concrete ribs run the height of the building and are in-filled with either glass or composite stone panels to achieve a strong sense of verticality in spite of a low, wide podium arrangement. Steel and glass entrance doors are shared among all podium buildings. WTW proposes that the façades of the Campus Center be repaired and refurbished to accommodate modern insulated glazing without altering Stone's original vision.



Exterior Promenade and Façade



Circular Fountain

Fountain

Central to the Campus Center's entry is the large circular fountain. The fountain provides a visual and acoustic focus for students as they enter and signifies the Center as being different than the other buildings on the podium. The fountain, with its wide low concrete wall along the perimeter is used as impromptu seating for students and encourages gathering and lounging outside the Campus Center. Its location is also centrally located along the southern exterior 'corridor' of the podium with direct physical and visual access to the academic buildings on the podium. The fountain should remain as-is and be refurbished along with the overhead 'saucer' style light fixtures that highlight it.



Main Lobby

Lobby

The geometrical rigor and limited palette of the podium continue into the main lobby. Splayed concrete columns, vertical ribbing and 'saucer' style fixtures dominate the aesthetic. Exterior composite stone panes are brought inside. The original character-defining elements and overall organization of the space should remain the same. There are, however, some aspects to the lobby which should be enhanced. The overall size is too small to be useful for effective tabling and lounging and has limited the lobby to strictly entry and circulation space. Our experience in similar projects suggests the need for greater transparency and a recommendation that the East and West edges of the lobby be opened up to expand into the adjacent spaces. Some consideration should be made to upgrade the finishes and lighting to provide a warmer, more inviting environment. Some possible strategies include: covering the dark composite stone panels with a warm wood veneer panel while maintaining the existing vertical ribs, removing the confining vertical ribbing that occurs at the edge of the balcony at the second-floor opening, and add up-light components to the existing 'saucer' style fixtures. These small modifications will help to return the Campus Center to its natural role as a tool for the recruitment and retention of students.

Ballroom

Many of the same themes continue into Stone's iconic Ballroom. The concrete columns with splayed capitals play an important role in organizing the space. The ceiling structure at the central open area of the ballroom contains large square openings surrounded by rows of narrow slots reminiscent of the detailing of the podium roof near the perimeter and near skylit openings. The perimeter sees extensive use of the vertical rib structure with both glazed and composite stone panel infills. The 'saucer' style fixtures finish an appearance that is both dramatic and elegantly simple. We propose few changes to the ballroom except re-lamping and refurbishment of light fixtures and enhancing the finishes at the rather blank north wall to add sound absorptive panels and visual warmth to the space.

Landscaping

The strict Euclidean geometry that was imposed on the podium was also applied to the landscaping surrounding the buildings. Trees are arranged within a carefully laid-out grid reminiscent of the column structure of the podium. Stone's original concept utilized orthogonally symmetric exterior pathways which connect buildings. Automotive and utility zones are kept far from the pedestrian walkways. Later attempts to incorporate additional parking have muddled the pedestrian / vehicular zones and have distracted from the clarity of Stone's original scheme. Any revision to landscaping should reinforce Stone's geometry and restore, to the extent possible, the clear separation of pedestrian and vehicular paths.



Ballroom



Landscaped Garden

Lighting

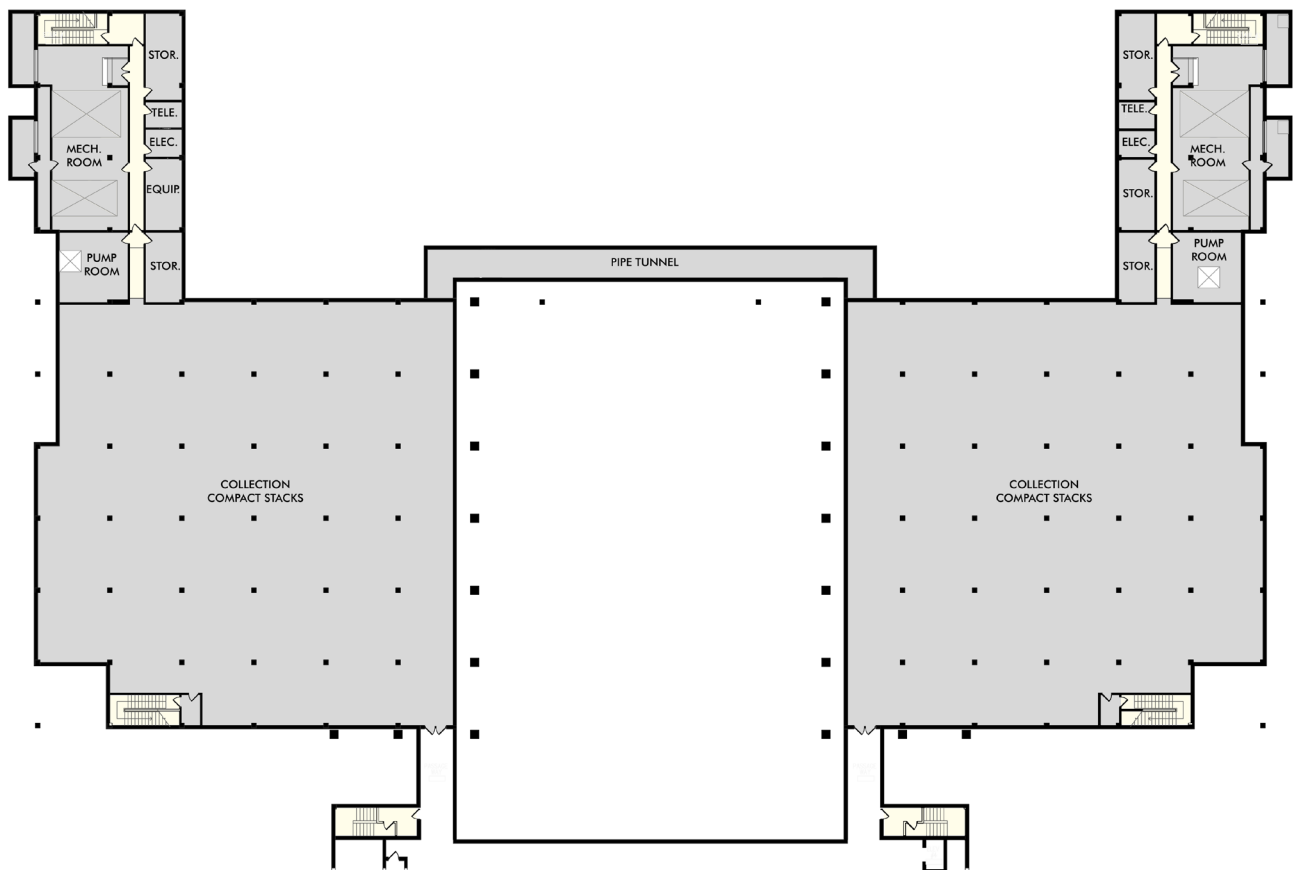
Stone's unique lighting scheme is characterized by two types of lighting: the suspended 'saucer' style lights and the recessed strip fluorescents carved into the flared column capitals. The 'saucer' style fixtures are large, typically 8' or more in diameter. In large spaces such as the ballroom, the low-hung fixtures work well to humanize the scale of the space. Constructed of thin metal, most are dented and in need of rehabilitation and re-lamping. Many spaces would benefit from adding an enhanced up-lighting component, as the 'saucers' are usually located beneath his signature vaulted ceilings. Most should be reinstalled where originally intended, with careful consideration to optimizing the mounting height of the fixture to achieve the desired effect. The recessed strip fluorescents have been rather inflexibly infused into the flared column capitals on the upper levels and should be rehabilitated with energy efficient lighting. Decorative fixtures of any other type should be avoided, with the possible limited exception of the food service areas and bookstore, due to the retail nature of those spaces.



Flared Column



'Saucer' Styled Lighting



- LEGEND**
- BALLROOM/ASSEMBLY
 - MEETING
 - BOOKSTORE
 - DINING
 - KITCHEN
 - FITNES CENTER
 - STUDENT ORGANIZATIONS
 - ADMINISTRATION
 - THEATER
 - LOUNGE/GAMING
 - LIBRARY
 - CIRCULATION
 - SUPPORT

0 4' 8' 16'

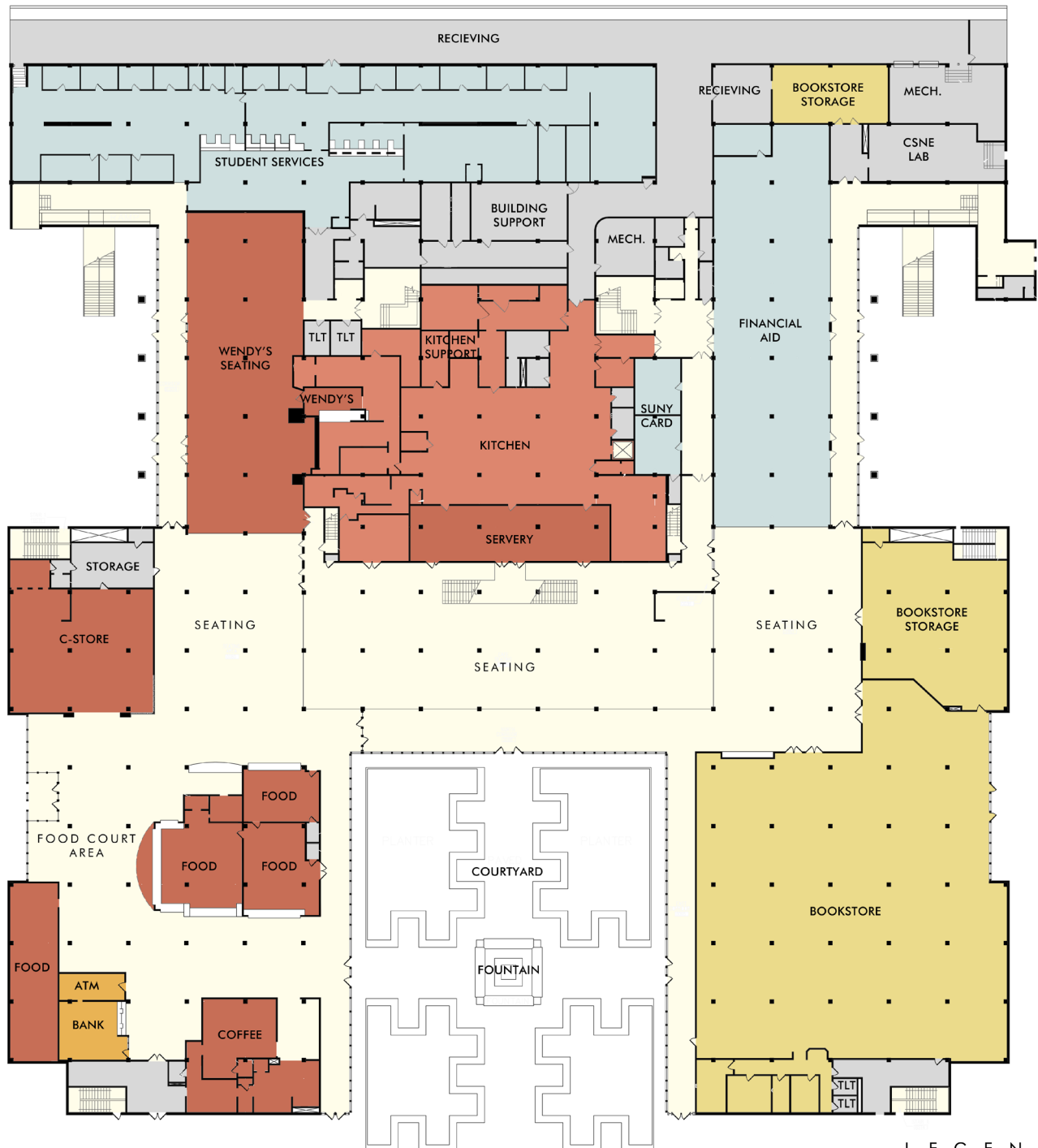
Image 3.1



UNIVERSITY AT ALBANY, STATE UNIVERSITY OF NEW YORK
CAMPUS CENTER MASTER PLAN

DECEMBER 2009

EXISTING GARDEN LEVEL



LEGEND

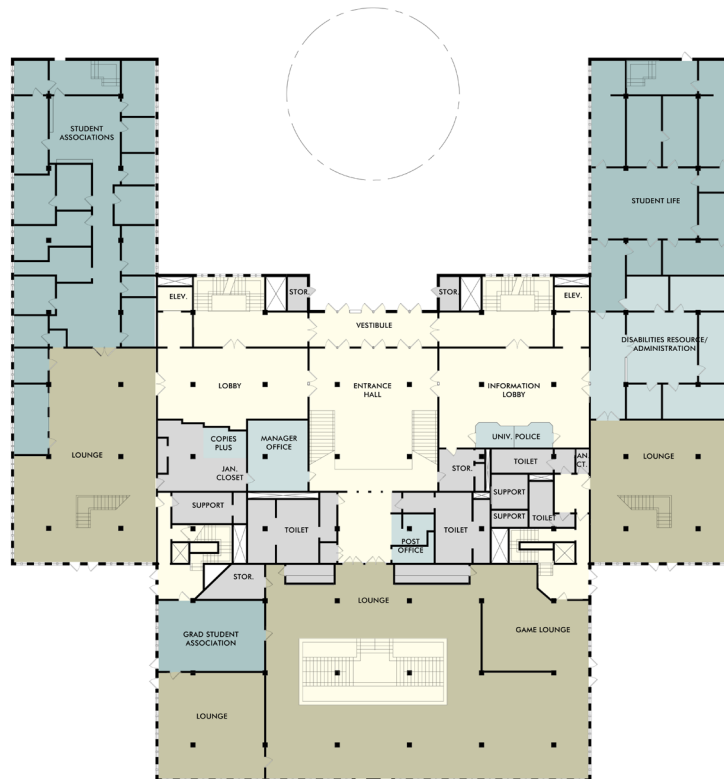
- BALLROOM/ASSEMBLY
- MEETING
- BOOKSTORE
- DINING
- KITCHEN
- FITNES CENTER
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- ADMINISTRATION
- THEATER
- LOUNGE/GAMING
- LIBRARY
- CIRCULATION
- SUPPORT

0 4 8 16



UNIVERSITY AT ALBANY, STATE UNIVERSITY OF NEW YORK
CAMPUS CENTER MASTER PLAN

DECEMBER 2009
EXISTING LEVEL 1



- LEGEND**
- BALLROOM/ASSEMBLY
 - MEETING
 - BOOKSTORE
 - DINING
 - KITCHEN
 - FITNES CENTER
 - STUDENT ORGANIZATIONS
 - ADMINISTRATION
 - THEATER
 - LOUNGE/GAMING
 - LIBRARY
 - CIRCULATION
 - SUPPORT

0 4' 8' 16'

Image 3.3

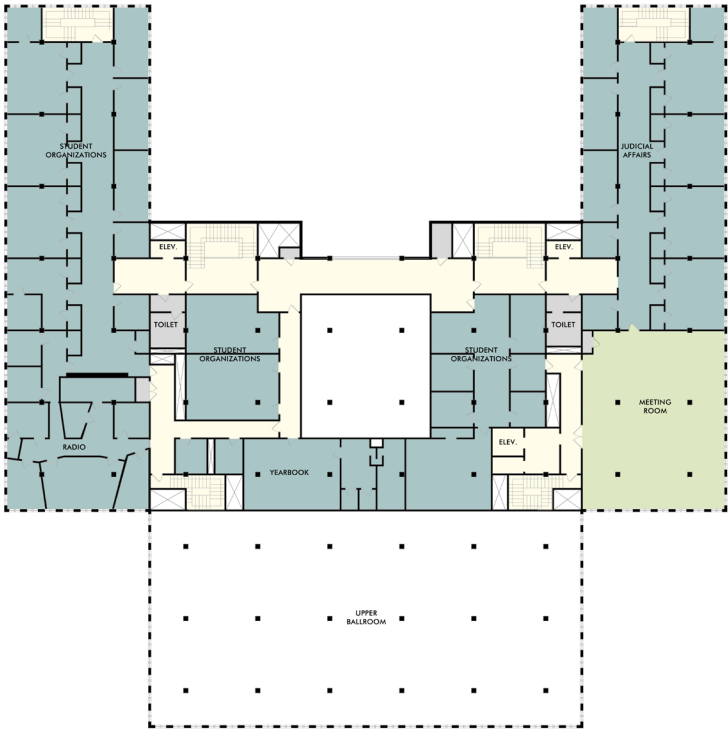




EXISTING LEVEL 2 & 3



LEVEL 2



LEVEL 3

LEGEND

■	BALLROOM/ASSEMBLY
■	MEETING
■	BOOKSTORE
■	DINING
■	KITCHEN
■	FITNES CENTER
■	STUDENT ORGANIZATIONS
■	ADMINISTRATION
■	THEATER
■	LOUNGE/GAMING
■	LIBRARY
■	CIRCULATION
■	SUPPORT

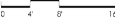


Image 3.4

Architectural Narrative

Overview

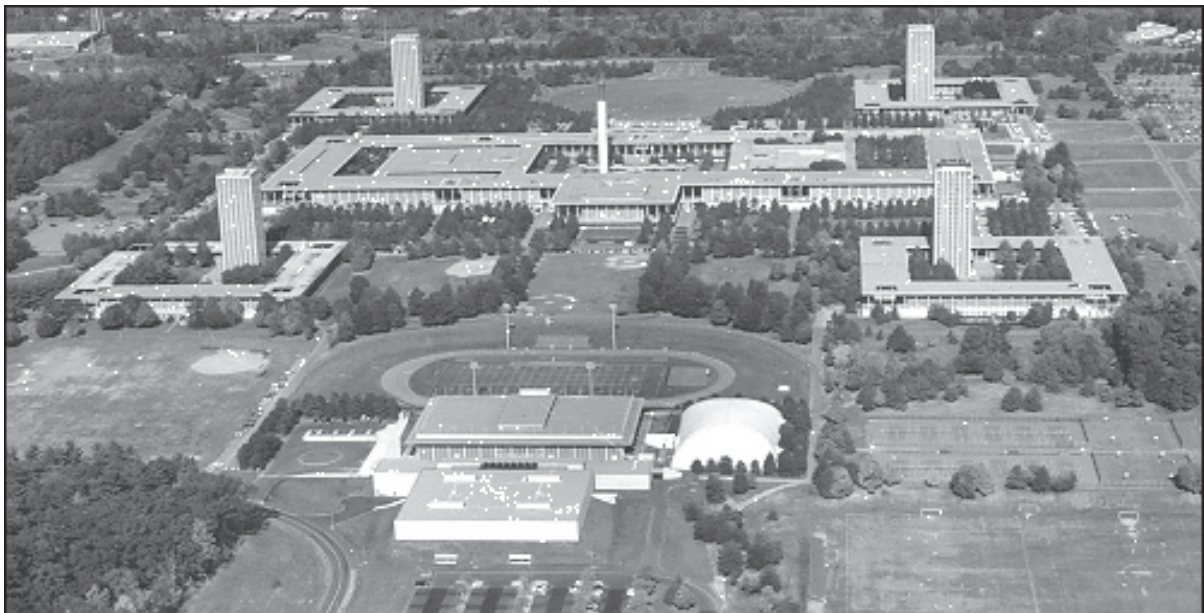
The University at Albany Campus Center was first opened in 1967, serving a new campus for a new research university - the first to be design by a single architectural firm and constructed in modules over the span of a few years. As originally designed the campus served 7,500 students, the Center now receives 15,000 visitors a day. It is the home to over 200 student groups, only 35 of which have assigned space. An original footprint of 143,000 square feet was expanded in 1995 by 30,000 square feet, but over 11,000 square feet of space was converted to administrative functions in that decade.

A benchmarking analysis by the State University of New York System determined that the Albany Campus Center is undersized by approximately 70,000 sf. An additional benchmark analysis in this study compares the existing Campus Center to seven peer institutions ranging in size from almost 23,000 FTE to 10,000 FTE. Yet, due to unique programmatic arrangement of the campus, whereby all academic buildings are organized

within one central podium structure, a perfect peer comparison would not be possible.

This report will define the direction that will recognize and enhance its special character and bring the Center up to date as a vibrant, flexible gathering point for students, faculty and staff.

As the University at Albany Master Plan of 1998 notes, this campus, now designated the "Uptown", is unique in that it was designed and built in the international style, very much as envisioned by its designer, Edward Durrell Stone (1902 - 1978). Along with the John F. Kennedy Center for the Performing Arts in Washington, DC (1962) and the Standard Oil of Indiana building in Chicago, Illinois (1972), the SUNY Albany Center is considered by many to a significant example of the late phase of this architect's career. The historic importance, design and planning principles and guidance for the overall master plan and preservation of the campus is further discussed in the University at Albany Campus Heritage Preservation Plan.



Aerial Photograph of the Original Campus Center

The Campus Center falls within Zone 1, the highest preservation priority, of the Heritage Preservation Plan.

The Campus Center is on the central axis of the main academic quadrangle, opposite the main entry. The quadrangle is a continuous structure of concrete columns. Precast square capitals form most floors, the roof, and the covered walkways connecting the buildings. Multiple vertical circulation points connect the four levels. Three domed skylights and several courts allow light into the interior. The central courtyard has fountain and carillon on the lowest level (basement or ground level), with a wide promenade overlooking the fountain on the first or podium level. The overall site slopes from north to south, allowing the visitor to enter on the podium level from the main plaza, while the “garden”, or basement, level is at grade at the Campus Center.

The service or basement level that surrounds the main plaza and was “designed to link all buildings using electric cars.” It currently contains the service tunnel for distribution of goods, trash, recycling, utilities, and serves as a shortcut for both students and faculty.

In the 42 years since its completion, the Campus Center has had minimal renovations and one 30,000 square foot addition, completed in 1995 and designed by the legacy firm Edward Durrell Stone and Associates. The addition to the south of the Campus Center added space for a bookstore, barber shop, computer and convenience store, food courts and video arcade. These were shaped around a central courtyard, fountain and stone benches.



Food Court

In 1998, a new four story building containing the Science Library opened south of the Campus Center addition. The main entry to the building is off the east west walk between Dutch and Indian Quads. Additional entrances from the north occur on the podium level (from the roof of the addition).

Basic Building Configuration

Basement Level:

Storage and Mechanical and Electrical Equipment rooms at the Campus Extension

Garden Level:

Bookstore, Kitchen, Served, Cafeteria, Convenience Store, Student Services

First Floor:

Entry Lobby, Student Government, Lounge Space, Disabled Student Services, Student Activities, Campus Center Administrative offices

Second Floor:

Ballroom, Patroon Room, Assembly Hall, Fireside Lounge

Third Floor:

Student Organizations, Radio Station, Conflict Resolution, Meeting Spaces

Building Condition

Building Envelope

The roof of the Campus Center is in good condition. The rubber roof has been recently replaced and is under warranty. In the process of roof replacement, walking pads and guardrails were added. The flashing is new and appears to be properly installed.



Roof

The exterior concrete appears to be in good condition. The exterior columns and vertical ribbing are exposed concrete and have a smooth finish. They show few signs of spalling, cracking, or significant water penetration. With few exceptions, most columns have no more than hairline cracks. Between the vertical ribbing are black aggregate panels or exterior glazing. The panels appear to be in very good condition and do not show significant signs of wear, abuse or water damage. The overhanging canopy of the podium appears to have protected much of the building envelope from the elements. Insulation, if provided at all, appears to be inadequate.

The exterior glazing is single pane and the metal frames are not thermally broken. This contributes to significant heat loss in the winter and challenges the building's systems to provide a thermally comfortable interior space. The glazing and frames should be replaced with a system comprising of thermally broken frames with double or triple glazing, in keeping with the University's sustainability goals.

Original metal doors and frames at vestibules are in poor condition and should be replaced. Many appear to have the original hardware. Newer entrances are aluminum and glass; some have operators for accessibility. There is generally a conglomeration of various doors and hardware, which should be replaced to provide an appearance consistent with Stone's original design.

Concrete paving on the podium is patterned with a rough aggregate field and smooth concrete accents and is in good condition. Light fixtures at the podium level are saucer type and are in very poor condition. Many are dented and some appear to be inoperable.

The concrete at the exterior water features appears to be in good condition, except for excessive staining which should be removed.

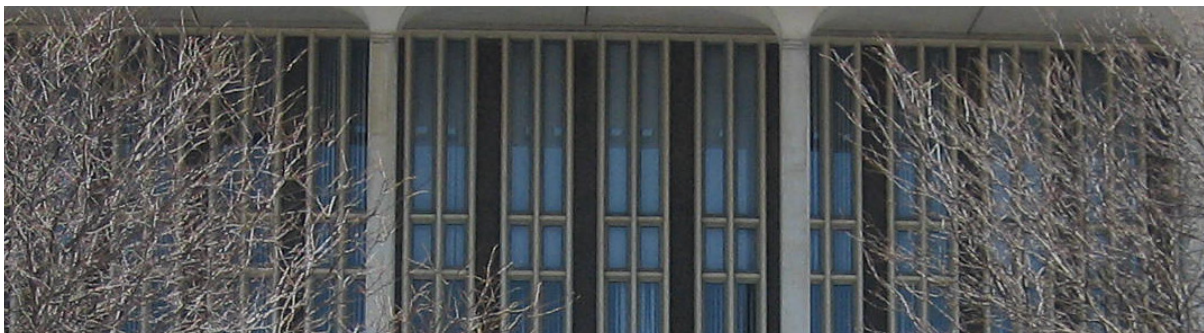
Interior Condition

Finishes

Much of the Campus Center retains its original finishes. The original terrazzo flooring is in generally good condition with some minor cracking. Upper floors see some nine inch by nine inch floor tile indicating asbestos. Older restrooms contain ceramic tile floor and wainscoting that is in good condition. Carpet is used throughout and is generally in fair to good condition with some staining in high-use areas. The carpeting is typically monotone and dull in color. There is newer ceramic tile in the cafeteria dining and servery areas and it is in good condition. The vinyl composition tile in the Wendy's area is in good condition. The wood parquet flooring in the ballroom will need to be replaced. Most walls are plaster or drywall finish and are painted white.

Original aggregate stone panels are located in the central lobby and on basement level walls that were made interior by the Campus Center Extension. The panels are in good condition; however, they provide a dark and foreboding presence to a space intended to welcome students to the Campus Center.

Painted wall surfaces throughout are mostly white with the plaster and/or gypsum wall board substrate in good condition. In some cases, such as the Patroon Room, various lounges and meeting spaces the interior concrete columns have been painted an accent color up to the point that they begin to splay into the ceiling, where they are painted white. The interior concrete columns appear to be in good condition.



Exterior Façade

Many ceilings are a painted vaulted concrete. The concrete in those ceilings is in good condition. On the second and third floors, vertical strip lights are cut into the columns. Most of the acrylic diffusers in those cases are in poor condition, and do not appear to fit well into their slot. Most other original light fixtures are also in poor condition. The saucer-style fixtures are hung fairly low and have been subject to significant abuse. They are heavily dented and worn. The lighting is decades old and out of date. There is newer lay-in ceiling tile and linear ceiling in the Campus Center Extension. The lay-in ceiling is in good condition, but the linear is in poor shape. The lighting in these areas is newer and in good condition.

Most interior doors are hung in hollow metal frames. Hardware is seen in a mix of styles and finishes and many have knobs in lieu of levers. The approach to hardware should be one of consistency and simplicity.

There are public restrooms on each floor of the Campus Center. The First Floor Restrooms have been recently modified and will need only minor compliance modifications such as adding insulation at exposed drainpipes at sinks. The Basement Level restrooms have been recently renovated, but also need minor corrective action to meet ADA. The men's room toilet is twenty inches from the wall instead of the prescribed eighteen. The remainder of the restrooms are original and need a complete renovation, including new layouts to accommodate ADA standards, upgrades to plumbing fixtures and accessories, and new partitions and finishes. Overall toilet count appears to be inadequate for the size and use of the space.

Though much of the building is in fair to good condition, the interior finishes are generally hard, cool and worn. They have mostly exceeded their lifespan as well as grown outdated.



Lighting in Concrete Columns



Door with Deteriorating Finish

Structural Narrative

Ryan-Biggs Associates, P.C., (Ryan-Biggs) has reviewed the multiple proposed options for additions and alterations to the Campus Center at the University at Albany. The purpose of this limited review is to compare the gravity load capacity of existing foundation and structural systems with anticipated loads from new construction options.

This review includes examination of original construction drawings, a walk-through of the building for visual comparison with the construction drawings, and a review of the structural feasibility of the proposed options for adding additional square footage to the existing facility. This review does not include analysis of the existing building lateral load systems or analysis of load capacities of specific building columns.

Existing Campus Center Structural System

The Campus Center is a four-story, reinforced concrete building built in 1967. There is a one-story, reinforced concrete south addition constructed in 1995. The structural system of the Campus Center consists of structural concrete slabs supported by reinforced concrete columns supported by concrete spread footings.

Contract documents do not include information on the allowable soil bearing capacity used as the basis of the original design. Based on the column loads and footings size given in the Campus Center drawings, it is reasonable to assume the allowable soil bearing pressure for the building is 4,000 psf. The analysis will be based in part on the capacity of the existing footings.

Potential Additions and Alterations

Strategy 1: This strategy proposes to construct a one-story addition above the one-story, reinforced concrete addition built in 1995. After review of existing documentation, it was determined that the 1995 one-story addition was not designed to support additional structural loading. Constructing additional floors that structurally bear on the 1995 addition is not feasible.

Strategy 2: This strategy proposes to construct a four-story addition above the garden area between the Campus Center and the Science Library. This is new construction on a relatively unimproved site. This option appears structurally feasible as it does not apply additional loads to existing structural systems.

Strategy 3: This strategy proposes to enclose a portion of the podium area south of the fountain at the north end of the Campus Center. This option has two proposed variations. The first variation is to enclose this area creating a three-story high room under the existing podium roof. This option is feasible provided the weight of the wall panels used to enclose the area does not exceed 40 psf. The second variation is to enclose this area and add an additional floor at the third story. The calculated bearing pressure on the soil under the existing column footings is near capacity and there is not excess capacity for loads from an additional floor. This option is not structurally feasible without upgrades of the existing footing load capacity.

Strategy 4: This strategy proposes to construct an addition on the existing stairs at the east and west sides of the Campus Center. This addition would be constructed partially on the podium and partially on an undeveloped area adjacent to the podium. The calculated bearing pressure on the soil under the existing podium column footings is near capacity and there is not excess capacity for an additional floor. This option is not structurally feasible without upgrades of the existing footing load capacity.

Strategy 5: This strategy proposes to construct an addition on the surface parking lots adjacent to the Campus Center and podium. This is new construction on a relatively unimproved site. This option appears structurally feasible as it does not apply additional loads to existing structural systems.

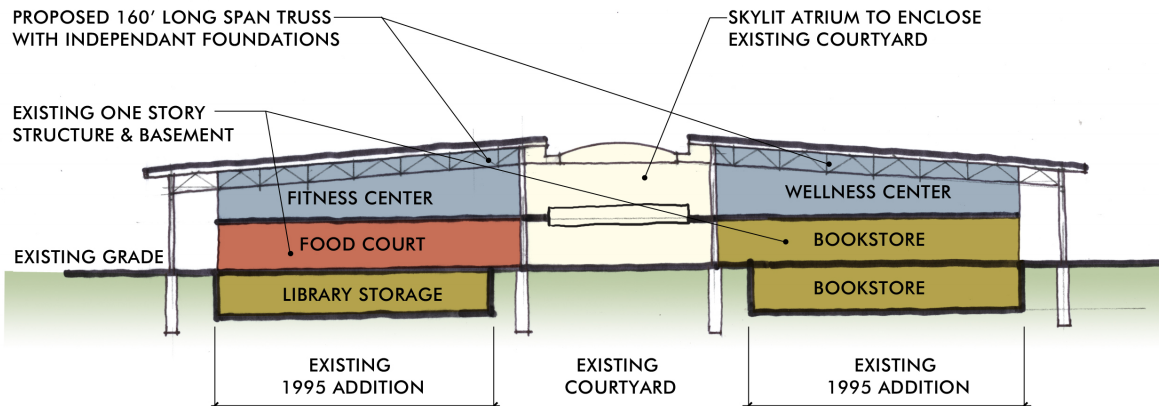
Conclusions / Comments

Based on the limited review of the original construction documents and analysis of the existing building gravity loads only, the existing Campus Center and podium footings were not designed for additional vertical load. Proposed additions and alterations that increase the load to the existing footings would require reinforcing and enlarging of existing footings. Proposed additions and alterations on unimproved portions of the site that do not impact existing foundation construction appear structurally feasible.

With the existing building unable to support additional vertical loading, an alternative structural

strategy was proposed: Use long-span joints to construct a one-story addition that free spans across the 1995 addition with an independent structural system that does not add vertical loading to the existing structure. A longitudinal diagram of this structural concept is illustrated below. New foundations and structure would occur outside the 1995 footprint, within the existing courtyard and outside the existing perimeter walls.

Subsequently, this structural strategy was incorporated into several design studies. The final recommended Option G.2 for expanding the existing Campus Center is based on this structural concept.



Longitudinal Section

Mechanical and Plumbing Narrative

Description of Existing Systems

Cooling

The building is provided with chilled water delivered from the campus central energy plant through a 6 inch main from the podium tunnel, fed from a 10 inch tunnel main. The chilled water is piped to the penthouse mechanical room where it is used in the six building air handling units.

The central energy plant delivers chilled water to the building via primary / secondary pumping with variable speed drives delivering secondary chilled water to all the buildings. A recent project replaced all of the building three-way chilled water control valves installed on the air handling units with two-way valves and flow measuring stations to provide better control of diversity across the campus, and to achieve means to monitor and control via a new campus energy management system.

Heating

The building is provided with high temperature hot water delivered from the campus central energy plant through a 4 inch main from the podium tunnel, fed from a 10 inch tunnel main. The high temperature hot water piping is used in several places throughout the building:

- To produce domestic hot water through heat exchangers located in the basement
- To produce heating hot water for building finned tube and cabinet heaters through heat exchangers located in the basement. These redundant heat exchangers are sized for 8,050 pounds per hour of high temperature hot water at 400 degrees with 150 degree drop to heat 125 GPM of secondary hot water from 160 degrees to 180 degrees. Secondary hot water is delivered by redundant centrifugal pumps delivering 125 GPM with 2 HP motors.
- Used directly in air handling unit pre-heat and heating coils located in the penthouse mechanical room.
- Two redundant high temperature hot water steam generators use 9,760 pounds per hour of high temperature hot water from 400 degrees with 110 degree drop to produce 1,100 pounds per hour of 25 psi steam for the kitchen steam needs.

Secondary Building HVAC Systems

The building is heated, cooled and ventilated through six air handling units located in the building penthouse. These units are as follows:

Mark	Serves	CFM	Static Pres.	Motor HP	System Type
AC-1	Floors 1-3	38,345	6"	60	Dual Duct
AC-2	Office spaces	51,070	6"	75	Dual Duct
AC-3	Cafeteria (temporarily out of service for shaft replacement) non-operational face and bypass dampers	17,600	3.5"	20 HP	100% Outside Air
AC-4	Snack Bar – non-operational face and bypass dampers	15,000	3.5"	15 HP	100% Outside Air
AC-5	Bowling Alley (reconfigured to Registrar Office), non-operational face and bypass dampers	8,900	3.5"	10 HP	Single Zone, Constant Volume
AC-6	Ballroom	18,200	3.5"	20 HP	Single Zone, Constant Volume

Building return, exhaust and relief is accomplished with a series of fans as follows:

Mark	Serves	CFM	Motor HP
F-1	AC-1 return	32,080	10
F-2	AC-2 return	33,565	15
F-3	Kitchen hood exhaust	30,000	15
F-4	Food service general exhaust	6,250	3
F-5	Financial service general exhaust	7,900	3
F-6	Ballroom general exhaust	16,200	5
F-7	Basement general exhaust	2,900	5
F-8	Toilet exhaust	800	½
F-9	Toilet exhaust	1,310	¾
F-10	Toilet exhaust	750	½
F-11	Kitchen transfer air	16,000	5
F-12	Kitchen transfer air	14,400	5
F-13	Mechanical room exhaust	11,000	3
F-14	Monitor exhaust	4,600	3
F-15	Photo lab exhaust	500	1/4

Dual duct mixing boxes blend hot deck and cold deck air to the various temperature control zones throughout the building. The boxes are operated through pneumatic controls. Boxes are located in the ceiling of the basement, and in the ceiling of the second floor. Access to mixing boxes serving perimeter floor diffusers in the third floor is accomplished via access panels in the floor of the third floor, and is difficult at best. Access to mixing boxes serving perimeter floor diffusers in the first floor is through the basement ceilings.

In locations where the perimeter is not equipped with floor diffusers fed from mixing boxes, finned tube radiation provide for perimeter heating.

Temperature Control Systems

Much of the building temperature control systems consist of the original pneumatic systems, and because of age, oil fouling and moisture accumulation in thermostats and controllers, have limited functionality. A backbone of direct digital control (DDC) has been established most recently with the addition of the chilled water control valves and chilled water flow measuring stations. Additionally, an older Honeywell DDC system had been installed in some areas throughout the building. This older DDC system was installed to do electronic control of the air handling unit valves and dampers operating through electric / pneumatic transducers. In some locations throughout the building, pneumatic thermostats were replaced with sensors that report to the Honeywell system, which then modulated the associated control equipment through electric / pneumatic transducers.

Fire Protection

The building is equipped with limited sprinkler coverage, primarily including the kitchen, some corridors and some storage areas. Fire hose cabinets are provided on risers in stairwells, but the hoses have been removed.

The kitchen exhaust hoods are equipped with chemical fire suppression systems (Ansul).

Sprinklers are fed via two 4 inch fire service mains from an 8 inch main located in the tunnel.

Plumbing

Domestic cold water is fed via a 6 inch main. An 8 inch sanitary sewer provides sanitary drainage from the building and storm drainage is relieved via two 15 inch storm mains.

Domestic hot water is heated via a high temperature hot water heat exchanger.

Plumbing fixtures located on the first floor are replacement fixtures which are low flow devices equipped with automatic flush devices. All other plumbing fixtures are original and do not meet current low flow requirements.

Kitchen sanitary drainage is processed through two interior grease interceptors.

The podium fountain is served from equipment located in the basement of the building. Replacement of these systems has been identified under a project waiting for funding with the State University Construction Fund.

Overall Assessment of Building Systems HVAC

One overriding complaint about the mechanical systems is the lack of vertical transport for moving heavy mechanical gear (motors, heavy tools, etc) up to the penthouse. Any renovation should include provision for either a heavy elevator sized to manage the appropriate equipment, or a hoist at the top of a shaft to the penthouse.

Overall chilled water and high temperature hot water capacity to the building is more than sufficient, and additional capacity anticipated for any additions considered is likely to be available.

The building air handling units are at the end of their service life and need to be replaced. Valves serving coils in the units leak and need replacement. Cooling coils were replaced in the last several years on units AC-1, 2 and 5. AC-3, 4 and 6 still have original coils, and have some problems with overflow of the drain pans. AC-3 is presently out of service for replacement of a bent fan shaft. On many of the original units, the original insulation lining the equipment degraded over time, came apart and eventually fouled the cooling coil, necessitating the coil replacement mentioned above. Additionally, the degraded lining has found its way downstream and has created problems in the mixing box controllers. See below.

The original AC units are very energy wasteful since dual duct systems by nature utilize energy canceling technology for temperature control. Replacement units should be VAV systems equipped with airflow monitor stations on the outside air intake, supply fan discharges and return fan intakes.

The existing building ductwork should be considered for replacement. Much air is lost in the building due to ducts with significant leakage, causing temperature control problems, a lack of delivered capacity and significant wastage of energy.

Most of the piping throughout the building is in good condition. Piping to finned tubes for example could be reused in a renovation project. Piping in mechanical rooms will likely be replaced as part of a gut replacement of all mechanical systems.

HVAC pumps are in the process of being replaced with new equipment as this report is written.

Existing heat exchangers are in the process of being replaced as this report is written. It is recommended that high temperature hot water be confined to a single mechanical room as close to the tunnel as possible. Heat exchange should occur in this room with low temperature heating hot water distributed from this location.

The kitchen hood ventilation systems, specifically the inline exhaust fan, may not meet current code requirements and should be considered for

replacement. The exhaust ductwork is cleaned twice per year, contracted out by the food service management company.

The building mixing boxes should be replaced with single zone VAV boxes with hot water reheat coils. Retrofit kits for VAV conversion are typically not available for mixing boxes of this vintage. The existing mixing boxes are very problematic due to intrusion into the pneumatic controllers of fiberglass particles from the degraded air handling unit duct lining which has found its way down the system over the years.

Temperature Controls

Pneumatic temperature controls are almost completely failed and a complete DDC system should be installed to replace them. The University personnel prefer a hybrid control system which utilizes pneumatics to drive large valves and large dampers from transducer outputs of a DDC system.

Fire Protection

The building should be considered as a candidate for complete sprinklering. Larger mains from the 10 inch main in the tunnel will be required. By adding sprinklers, the allowable fire areas will be increased and requirements for fire separation will be reduced, resulting in cost savings throughout the construction. The difficult will lie in concealing the sprinkler piping in through the structure.

Plumbing

The kitchen steam generator has recently been replaced.

Backflow prevention should be installed on the building domestic water main.

A single exterior grease interceptor should be provided to improve access for cleaning.

The existing high temperature hot water heat exchanger for heating of domestic hot water is at the end of its service life and should be replaced.

The number of toilet facilities in the building should be increased, and modern accessible, low flow fixtures should be provided.

1995 Addition

Cooling

The building is provided with chilled water delivered from the campus central energy plant fed from the tunnel. The chilled water is piped to the basement mechanical rooms where it is used in the four building air handling units.

The central energy plant delivers chilled water to the building via primary / secondary pumping with variable speed drives delivering secondary chilled water to all the buildings. A recent project replaced all of the building three-way chilled water control valves installed on the air handling units with two-way valves and flow measuring stations to provide better control of diversity across the campus, and to achieve means to monitor and control via a new campus energy management system.

Heating

The building is provided with high temperature hot water delivered from the campus central energy plant fed from the tunnel. The high temperature hot water is used to produce secondary hot water through redundant heat exchangers sized for 90.2 GPM of water from 370 degrees to 250 degrees, producing 350 GPM of 190 degree water from 160 degree return water. The secondary hot water is used for finned tube radiation and for heating coils in VAV boxes.

Secondary Building HVAC Systems

Air Handling Units

The building is heated, cooled and ventilated through four air handling units located in the building penthouse. These units are as follows:

Mark	Serves	CFM	Static Pres.	System Type
AC-1	Food Court	36,000	3.5"	Single zone VAV
AC-2	Bookstore	36,000	3.5"	Single zone VAV
AC-3	West Basement	8,750	3.5"	Single Zone, Constant Volume
AC-4	East Basement	8,750	3.5"	Single Zone, Constant Volume
HV-1	West MER	5,500		Single Zone, Constant Volume
HV-2	East MER	5,500		Single Zone, Constant Volume

AC-1 and AC-2 are variable flow fan systems that are equipped with airflow measuring stations on the supply ducts and the outside air intakes in order to maintain minimum outside air requirements during reduced fan flow periods.

Building return, exhaust and relief is accomplished with a series of fans as follows:

Mark	Serves	CFM
RF-1	AC-1 return	36,000
RF-2	AC-2 return	36,000
EF-1	West MER exhaust	5,500
EF-2	East MER exhaust	5,500
EF-3	Janitor room exhaust	120
EF-4	Janitor room exhaust	50
TX-1	Toilet exhaust	70
TX-2	Toilet exhaust	160
EF-5	Heat exchanger room exhaust	1,400

Pumping Systems

Centrifugal pumps P-1 and P-2 are redundant pumps that deliver building hot water to the VAV coils, cabinet heaters and the building finned tube radiation system.

Centrifugal pumps P-3 and P-4 deliver preheat water to the coils in AC-1 and AC-2.

Centrifugal pumps P-5 and P-6 deliver preheat water to the coils in AC-3 and AC-4.

VAV Boxes for Secondary System Delivery

Single zone VAV boxes with reheat coils deliver ventilation, and cooling to various temperature control zones in the building interior. Fan powered VAV boxes with reheat coils deliver ventilation, heating and cooling to various temperature control zones in the building perimeter.

Dual duct mixing boxes blend hot deck and cold deck air to the various temperature control zones throughout the building. The boxes are operated through pneumatic controls. Boxes are located in the ceiling of the basement, and in the ceiling of the second floor. Access to mixing boxes serving perimeter floor diffusers in the third floor is accomplished via access panels in the floor of the third floor, and is difficult at best. Access to mixing boxes serving perimeter floor diffusers in the first floor is through the basement ceilings.

Fire Protection

The building is fully sprinkled with wet pipe sprinklers in accordance with NFPA 13.

Overall Assessment of Building Systems

HVAC

Because the building addition is relatively new, the existing systems are in good condition and are energy efficient. One recommendation would be to provide access to the VAV boxes which are located above the Alcan ceilings. These boxes are presently inaccessible, and for maintenance purposes require occasional access. This presents a problem for maintenance personnel, since there are a number of fan-powered VAV boxes equipped with filters that require replacement. Filter replacement necessitates removal of the Alcan ceilings to access them; damage to the ceilings is widely expected to be a problem over time.

A second recommendation for the existing systems is to replace the original AC unit 30% filters with a two-stage filter system; 30% pre-filters and 85% final cartridge filters. There is sufficient space available in the units to accomplish this. It will require replacement of all the existing filter racks with new.

Electrical Narrative

Description of Existing Systems

Power

The building's electrical power service consists of a 2500 amp 480/277 volt main switchboard fed from a 1000 kva liquid (Non-PCB) filled transformer with fans via a 13.8 kV primary selector switch fed from the normal and preferred normal campus feeders. The primary switch is a S&C Vista series vacuum fault interrupter that was installed in 1999 and is in excellent condition. The switchboard is from the original construction and is in fair condition with parts readily available. There is a 225 kva transformer in the switchboard room that lower the voltage to 120/208 used to feed general purpose power and other typical 120 volt loads. The building's power distribution system is of original construction with mostly original panelboards located throughout and some small quantity of newer panelboards installed within the last ten years. The feeder conductors to these panels are all original. The Campus Center addition consists of newer panelboards and feeder conductors that are fed from the main switchboard and larger ampacity 120/208 volt distribution panels located in the main electric room. There are 2-10,000 VA inverters used for emergency lighting fed from the main switchboard. There is a 15 kva 480:120 volt transformer feeding each inverter.

Lighting

The majority of the lighting in the original Campus Center building consists of recessed downlights retrofitted with fluorescent screw base lamps, SUNY saucer style indirect / direct lighting, linear fluorescent lensed light fixtures recessed in the arched concrete around each column, and some decorative uplighting and sconces installed over the last 15 years. The Campus Center addition lighting consists of recessed troffers (lensed and parabolic), suspended linear direct / indirects, and recessed downlights. There is no lighting control system installed in the building and due to renovations over the years a lot of spaces contain lighting that is controlled from another space therefore lighting is typically left on in a lot of unoccupied areas due to lack coordinated spaces and existing controls.

Telecommunications

The building is fed from the campus network fiber system and existing campus telephone copper distribution, as well as a cable television distribution cable and amplifier. The horizontal cabling to wall outlets consists of Cat5 and Cat5e cable to Cat5 data outlets and Cat5 cable to Cat3 and Cat5e telephone outlets. The telephone wiring terminates on termination blocks and is jumpered to the original campus copper telephone distribution cable. There are some wireless access points located in the building.

Fire Alarm

The building contains an addressable voice evacuation fire alarm system manufactured by Simplex. The coverage consists of addressable smoke and heat detectors, manual pull stations, and addressable modules for sprinkler tamper and flow monitoring. There are speaker strobes and strobe only devices providing code compliant notification to the occupants. The fire alarm system is connected via campus fiber to the campus' central supervising station located at the boiler house and University police department.

Overall Assessment of Electrical Systems

Power

The primary switch, transformer and switchboard can be retained and used for any upgrades planned for the Campus Center. The transformer and main switchboard should be tested to determine their exact condition but both appear reliable. In the Campus Center addition all of the existing electrical system may be reused. In the original building existing feeder conductors should be tested to determine their condition for reuse but existing panelboards dating to the original construction should be replaced. The existing general purpose receptacles should be replaced along with existing branch circuits and additional outlets added throughout the building as required by the space's function.

Lighting

The majority of the lighting throughout the original Campus Center is dated and inefficient. The majority of the lighting should be replaced with energy efficient fluorescent lighting consisting of linear indirect / direct lighting and recessed lighting where there are suspended ceilings. The existing saucers should be removed, although there tends to be campus desire to retain the history of the University and keep these fixtures in some other buildings. A compromise would be to rework a few saucers with more efficient lighting sources and retain them at selected areas within the building and use new lighting in conjunction with the remodeled saucers. Again, the column fluorescents are located poorly and do not allow for efficient lighting distribution. If they are kept they should be re-ballasted and changed from T8 to T5 lamps with new high dispersion acrylic lenses. A lighting control system based on time of day controls, occupancy, and building tendencies should be installed. The existing lighting branch circuiting should be reworked to allow for better compartmentalized switching.

Telecommunications

The existing data and telephone cabling within the building is less than 10 years old and is in good working order. Additional data and phone jacks could be added as required depending on the space's usage and the signal room where the outside plant fiber enters the building should receive better lighting, abandoned equipment removed, and a better cable management system.

Fire Alarm

The fire alarm is in good working order and the original building is fully compliant with the campuses existing monitoring facility. There are several panels located throughout the Campus Center and the addition that could be used to serve any planned modifications. The original Campus Center is equipped with an upgraded fire alarm system; however, the 1995 addition is equipped with an older Simplex system that was installed with the original addition construction. The 1995 addition fire alarm system is separate and distinct from the original building fire alarm system, and graphics of the 1995 addition fire alarm are not present at the main plant.



Corner Column Fluorescent Lighting



'Saucer' Styled Lighting

Food Service Narrative

Preliminary Assessment of Campus Center Food Service Facilities

The food service operations in the Campus Center comprise the majority of “retail” dining offerings for the campus, oriented towards serving the broad University community and complementing the residential dining operations within the residence halls.

Overview of Food Operations in the Campus Center

The Basement Floor of the Campus Center contains the following food service components:

- Loading Dock / Receiving
- Main Kitchen & Storage
- Chartwell’s Dining Services Offices
- Wendy’s
- Au Bon Pain
- Bagel Express
- Campus Center Commons
- Corner Café / Panini-Sandwich Bar
- Dreidel’s Kosher Kafe
- Freshen’s
- Olo Sushi
- Outtakes Store / Deli
- Sbarro
- Zepp’s Sandwich Shoppe
- Outtakes Quick Cuisine

The Second Floor of the Campus Center contains the following food service components:

- Patroon Room
- Patroon Room Kitchen
- Meeting Room 222
- Catering Offices

Preliminary Assessment Comments

- The Main Kitchen supports all of the current operations in the Campus Center and acts as the home base for campus catering as well. In this regard, the receiving and storage areas are inadequately sized and inefficiently configured to properly support the current demands placed on these facilities.
- There is no designated dock for the kitchen. Large equipment is delivered via the Social Science Dock, daily deliveries are delivered through the doors by the Corner Café or by the SUNYCard Office. Catering trucks are parked in front of the Campus Center and catering is transported either through the SUNYCard office or around the office through the Atrium seating area. The dock is challenged with acting as the primary point of receiving for all food venues as well as the shipping point for off-site catering. It also appears as though there is inadequate parking space near the loading area for required service, vendor and catering delivery vehicles in addition to the required trash and recycling dumpster space. The entire location and siting of the loading dock / service court may need to be re-evaluated given the high traffic this function experiences (also used oil is transported in tubs through the tunnels and stored for pickup outside the Science Building).
- Storage space, especially refrigeration, is inadequate by current day standards, especially in light of the many retail outlets and catering activity that must be supported.
- Production space within the Main Kitchen is generally sufficient given that the current model for retail food service requires most of the final production and assembly to occur as close to the point of service as possible.
- Support of the service points directly adjacent to the Main Kitchen, such as Wendy’s, the Campus Center Commons and Dreidel’s Kosher Kafe is efficient; however, support of the outlying distributed food shops such as Au Bon Pain, Zepp’s and Sbarro is more challenging as supplies, prepared foods, trash and other items needing to be transported to and from the Main Kitchen must be taken across very busy public areas and through the serving lines of Campus Center Commons. This is both inefficient for the staff and unpleasant in some cases for the customers.
- “Back of House” space provided next to the distributed food shops is very limited. If a distributed approach to locating food venues is considered for the renovated Campus Center, it may be wise to provide sufficient dedicated support space either directly

attached to the food shops or nearby (ideally with an alternative exterior service entrance). The production area for Zepps / ABP and Outtakes Quick Cuisine lacks adequate ventilation for cooking.

- One advantage of the distributed configuration of retail service points is that it breaks up the very large crowds of customers at peak meal times. Even so, the cluster of service points within the original building (those backing up to the Main Kitchen such as the Campus Center Commons and Dreidel's) are difficult for customer's to access during busy periods as the individual servery entry / exit traffic conflicts with a major cross traffic pathway and stairway through the dining area and building. Also, it is difficult for customers to "browse" the menu options offered in these shops as the serving lines and displays are buried within the serving rooms. Here again, the distributed shops that make up the "Food Court" are better positioned to allow customers to view their options before committing to a line.
- The Patroon Room is adequately sized for a faculty / staff buffet dining option (use at the time of the consultant's last visit), but from an operational efficiency perspective, its remote location from the Main Kitchen and extensive hot menu offerings make the location less desirable. In addition, the current kitchen is being used inefficiently for storage (when storage areas are at a premium). Clearly, the original design intent was to support this facility out of the adjacent kitchen on this level; however, as many campus dining programs have discovered, it is very expensive to staff a dedicated kitchen for such an operation. If a buffet service option with a relatively broad menu is to be offered in the renovated facility, a more optimal location would be directly adjacent to the Main Kitchen, where the same culinary staff can support this operation along with others including Catering.



Food Court



The Patroon Room

**S A G E**
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October 27, 2009

Mr. Paul Knell
WTW Architects
127 Anderson St
Pittsburgh, PA 15212-5803Re: SUNY Albany Campus Center Study
Site Utilities Impact Letter

File: 2210

Dear Paul:

We have estimated the utility requirements for the building addition under consideration, and have reached the following conclusions:

Electrical Systems

The existing building is serviced through a 2500 amp, 480/277 volt switchboard and main feeder. This existing service size is sufficiently adequate for the size of the new addition contemplated.

Heating System

There exists in the tunnel a 10 inch main from the campus high temperature hot water system. New heating loads amounting to approximately 3,000 MBH demanding approximately 70 GPM of HTHW would be required from the existing main. The heating main is sufficiently sized to carry the new addition.

Cooling System

There exists in the tunnel a 10 inch chilled water main from the campus central plant chilled water system. New cooling loads amounting to approximately 125 tons of capacity demanding 300 GPM of chilled water will be required. As we discussed earlier, there is disagreement on the part of facilities personnel as to whether there is sufficient capacity in the central plant chilled water system for the addition. There is present spare capacity that would suffice for the needs of the addition, but other planned construction for the campus, including the new Business Building are scheduled to use the spare capacity. Therefore, a chiller plant dedicated to the building consisting of chiller, cooling tower and pumps may be required for the project. If a dedicated

Mr. Paul Knell
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chilled water plant is added, no net addition in demand will be imposed on the central chiller plant.

Stormwater Runoff

The addition of 25,000 SF of impervious roofing to the campus will result in an increase of approximately 5,400 GPH of stormwater into the campus storm drainage system. The existing system includes a 36 inch storm main adjacent the building, and it is felt that this will be sufficient for the additional stormwater demands.

Domestic Water

The conceptual plan of the Fitness Center and the other ancillary spaces are expected to result in additional domestic water demand of approximately 15,000 GPD. The local water mains will be sufficient for the additional connected load.

Sanitary Discharge

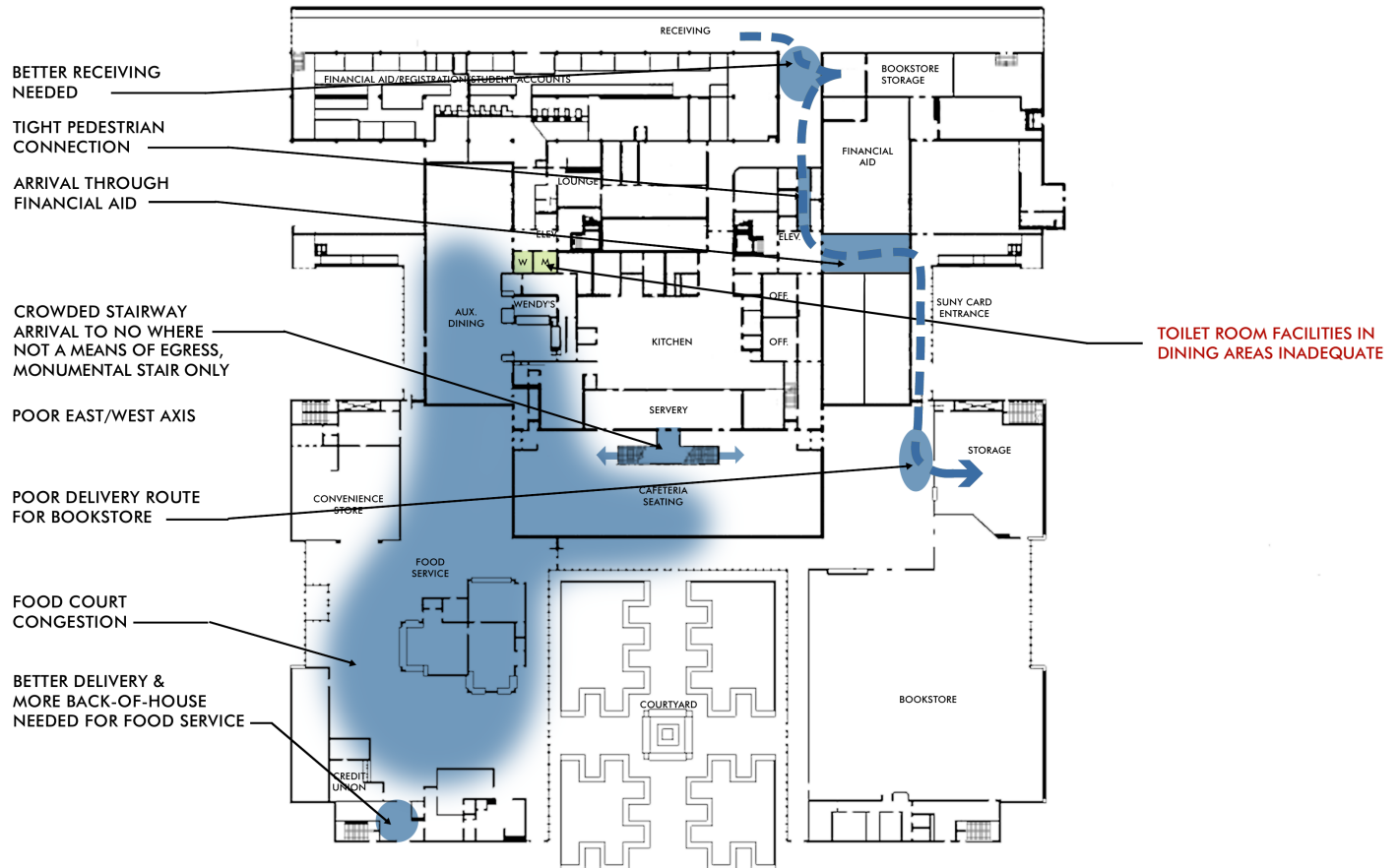
The conceptual plan of the Fitness Center and the other ancillary spaces are expected to result in additional 15,000 GPD of sanitary water, most of it from the showers for the Fitness Center. The local sanitary mains will be sufficient for the additional connected load.

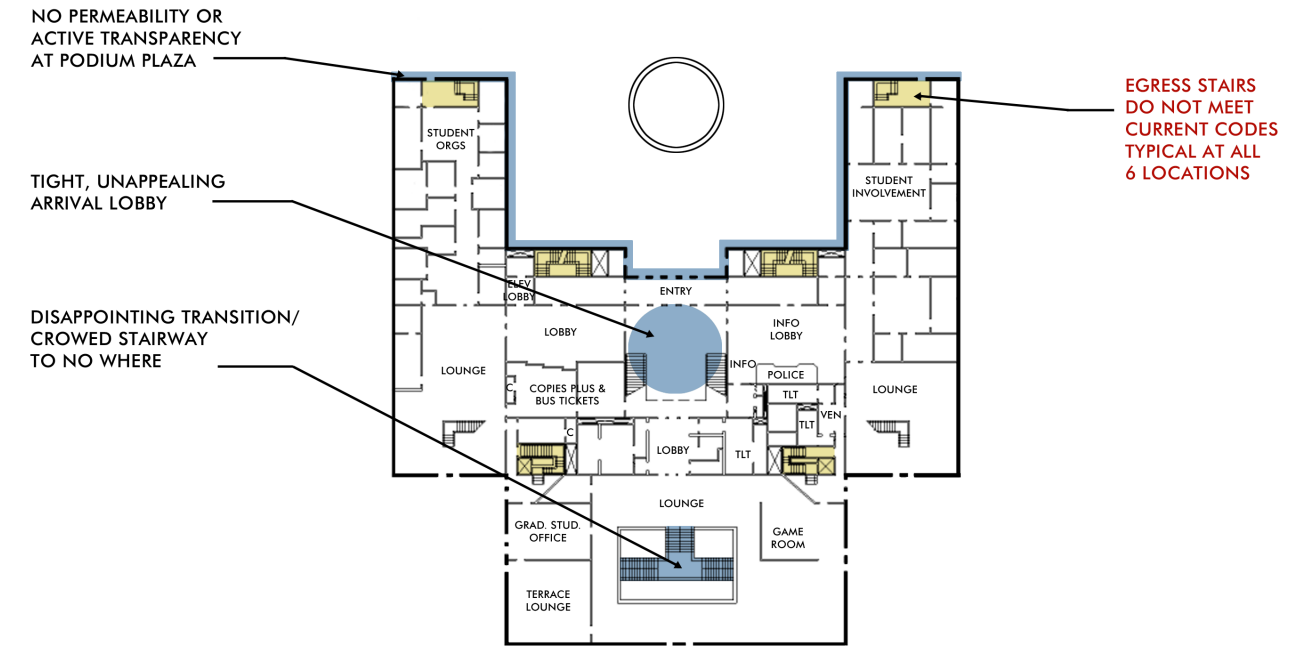
If you have any questions, please do not hesitate to call.

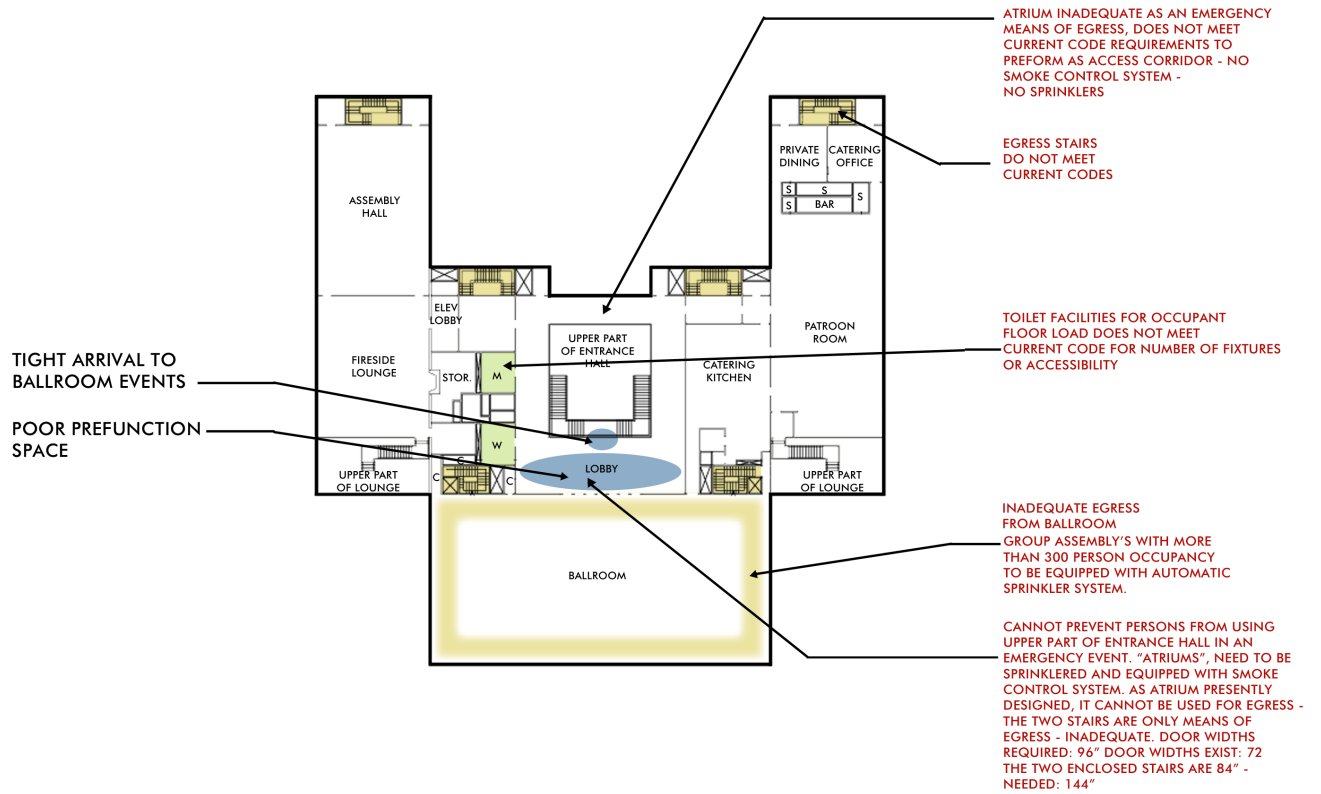
Sincerely,

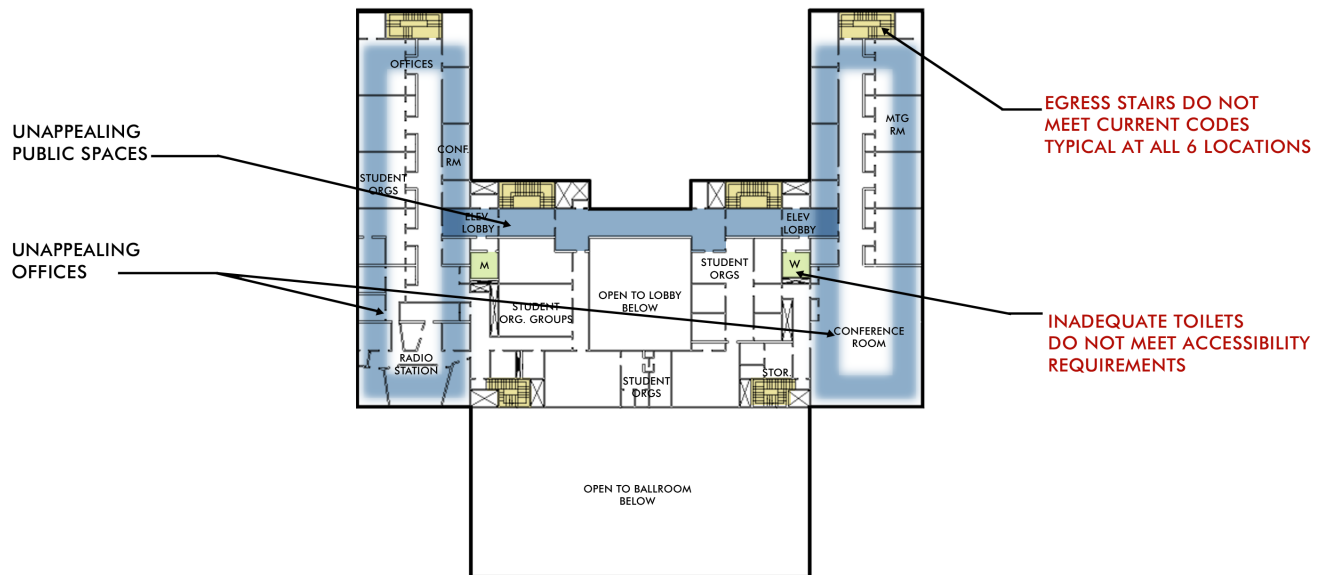


John S. Edwards, P.E., LEED™ AP
Principal









CODE ANALYSIS

2007 Existing Building Code of New York State New York State Department of State Division of Code Enforcement and Administration

A. CLARIFICATION OF WORK (Chapter 3):

1. Alteration – Level 2 (Section 305.1):
 - a. Level II has been selected because the present scope of work to be initiated will not exceed 50 percent (as outlined for Level 3) of the aggregate of the building (Campus Center).

B. ALTERATIONS – LEVEL 2 (Chapter 6):

1. Scope: The requirements of this section are limited to work areas in which level 2 alterations are being performed, and shall apply beyond the work area where specified.
2. Interior Finish: The interior finish of walls and ceilings in exits and corridors in any work area shall comply with the requirements of the Building Code of New York State.
3. Guards: Railings
 - a. Minimum requirement: Every portion of a floor, such as a balcony or a loading dock, that is more than 30 inches above finish floor or grade below and is not provided with guards, shall be provided with guards.
 - b. Meet the requirements of the Building Code of New York State.
4. Fire Protection (Section 604):
 - a. The requirements of this section shall be limited to work areas in which level 2 alterations are being performed, and where the work in any floor exceeds 50% of the floor area, then this code section shall apply throughout the floor on which work area is located - or otherwise beyond the work area.
 - b. Automatic Sprinkler Systems:
 - i. Groups A, E, M, and S-1: In buildings with the above mentioned occupancies, work areas that include exits or corridors shared by more than one tenant or that serve an occupant load of more than 30 shall be provided with automatic sprinkler protection where all of the following conditions occur:
 1. The work area is required to be provided with automatic sprinkler protection in accordance to new construction.
 2. The work area exceeds 50 percent of the floor area.
 3. The building has sufficient municipal water supply available to the floor without the installation of a new fire pump.
 4. Exception:
 - a. Mixed Uses: In work areas containing mixed uses, one or more of which requires automatic sprinkler protection in accordance with Section 604, such protection shall not be required throughout the work area provided that the uses requiring such protection are separated from those not requiring protection by fire-resistance-rated construction having a minimum 1-hour rating for the occupancies in this building.
 - c. Standpipes
 - i. Where the aggregate work area exceeds 50 percent of any single floor area and any work area is located more than 30 feet (15 240 mm) above or below the lowest level of fire department access, a standpipe system shall be provided. Standpipes shall have an approved fire department connection with hose connections at each floor level above or below the lowest level of fire department access. Standpipe systems shall be installed in accordance with the Building Code of New York State.

- d. Fire Alarm
 - i. When working in a new work area, the fire alarm system shall meet the requirements of NFPA 72.
 - ii. Group E: A fire alarm system shall be installed in work areas of Group E occupancies as required by the Fire Code of New York State for existing Group E occupancies.
 - iii. Where the work area on any floor exceeds 50 percent of that floor area, Section 604.4.1 shall apply throughout the floor.
- 5. Means of Egress (Section 605): The requirements of this section shall be limited to work areas that include exits or corridors shared by more than one tenant within the work area in which Level 2 alterations are being performed, and where specified they shall apply throughout the floor on which the work areas are located or otherwise beyond the work area.
 - a. Main Entrance: 605.3.3
 - i. Group A: With an occupant load of 100 or more shall be provided with a main entrance capable of serving as the main exit with an egress capacity of at least one half of the total occupant load. The remaining exits shall be capable of providing on half of the total required exit capacity.
 - b. Egress Doorways: 605.4
 - i. Shall comply with requirements of this section: 605.4.1 and 605.4.5.
 - ii. Section 605.4.1: Two egress doors required.
 - 1. Occupant load and travel distance: all rooms and spaces having an occupant load greater than 50 or in which the travel distance to an exit exceeds 75 feet shall have a minimum of two egress doorways.
 - iii. Door swing: egress doors serving an occupant load greater than 50 shall swing in direction of egress travel.
 - iv. Where the work area exceeds 50 percent of the floor area, door swing shall comply with Section 605.4.2 throughout the floor.
 - v. Door closing: onto exit passageway at grade or an exit stair shall be self-closing or automatically closing. Where the work area exceeds 50 percent of the floor area, doors shall comply with Section 605.4.3 throughout the exit stair from the work area to the level of exit discharge.
 - vi. Panic Hardware: Any door in egress path from any work area to the exit discharge in portions of Group A assembly, with an occupant load greater than 100 persons, and required to be equipped with latching devices, are required to be equipped with approved panic hardware. Where the work area exceeds 50 percent of the floor area, panic hardware shall comply with Section 605.4.4 throughout the floor.
 - c. Dead-end Corridors: 605.6
 - i. Dead-end corridors in any work shall not exceed 35 feet – unless permitted greater length in the Building Code of New York State.
 - 1. Exceptions:
 - a. Where dead-end corridors of greater length are permitted by the Building Code of New York State.
 - d. Means of Egress Lighting: 705.7
 - i. Where the work area on any floor exceeds 50% of that floor area, means of egress lighting throughout the floor shall comply with Section 605.7.1.
 - 1. 605.7.1: Artificial Lighting Required: Means of egress in all work areas shall be provided with artificial lighting in accordance with the requirements of the Building Code of New York State.
 - e. Exit Signs: 705.8: Means of egress in all work areas shall be provided with exit signs in accordance with the requirements of the Building Code of New York State.
 - i. Where work on any floor exceeds 50% of that floor area, means of egress throughout floor shall comply with Section 605.8.1.
 - f. Handrails: 605.9: The requirements of this section shall apply to handrails from the work area floor to the level of exit discharge – First Floor – onto deck (not grade).

- i. Minimum Requirement: Every required exit stairway that is part of the means of egress for any work area and that has three or more risers and is not provided with at least one handrail, or in which the existing handrails are judged to be in danger of collapsing, shall be provided with handrails for the full length of the run of steps on at least one side. All exit stairways with a required egress width of more than 66 inches (1676 mm) shall have handrails on both sides.
 - ii. Handrail Design: Handrails required shall be designed and installed in accordance with the provisions of the Building Code of New York State.
- g. Guards: 605.10: The requirements of this section apply to all guards from the work area floor to the level of exit discharge but shall be confined to the egress path of any work area.
 - i. Minimum Requirement:
 - 1. Every open portion of a stair, landing, or balcony that is more than 30" above the floor or grade below and is not provided with guards, or existing guards do not meet requirements of code, shall be provided with guards.
 - 2. Design: Shall be in accordance with the Building Code of New York State.
 - h. Elevators, escalators, and Moving Walks: 605.11
 - i. Elevators, escalators and moving walks shall not be used as a component of a required means of egress.
- 6. Accessibility (Section 606): The requirements of this section is that a building, facility, or element that is altered shall comply with Section 506.
 - a. A building, facility, or element, that is altered shall comply with Chapter 11 (Sections 1104.4 and 1104.5) of the Building Code of New York State.
 - i. Exception:
 - 1. Where compliance is technically infeasible, the alteration shall provide access to the minimum extent that is technically feasible. A building, facility, or element that is constructed or altered to be accessible shall be maintained accessible during occupancy.
 - 2. The altered element or space is not required to be on an accessible route unless:
 - a. Where an alteration affects the accessibility to a, or contains an area of, primary function, the route to the primary function shall be accessible. The accessible route to the primary function area shall include toilet facilities or drinking fountains serving the area of primary function. For the purposes of complying with this section, an area of primary function shall be defined by applicable provisions of 49 CFR Part 37.43 (c) or 28 CFR Part 36.403.
 - b. The costs of providing the accessible route are not required to exceed 20% of the costs of the alterations affecting the area of primary function.
 - c. This provision does not apply to alterations limited solely to windows, hardware, operating controls, electrical outlets and signs, mechanical systems, electrical systems, installation of or alterations to fire protection systems, abatement of hazardous materials, or alterations undertaken for the primary purpose of increasing the accessibility of an existing building, facility, or element.
 - b. Entrances: Where an alteration includes alterations to an entrance, and the building or facility has an accessible entrance on an accessible route, the altered entrance is not required to be accessible unless required by Section 506.2. Signs complying with Section 1110 of the Building Code of New York State shall be provided.
 - c. Toilet Rooms: Where technically infeasible to alter existing toilet and bathing facilities to be accessible, an accessible unisex toilet or bathing facility is permitted. The unisex facility shall be located on the same floor and same area as the existing facilities.
 - d. Thresholds: Maximum height at doorways shall be $\frac{3}{4}$ " where existing. Both sides shall be beveled.
 - e. CONCLUSION: Toilet rooms in renovation areas will be renovated to meet the requirements for accessibility as specified in the 2007 Building Code of New York State and the requirements of the law set forth by ADAAG. The second concern is meeting the number of fixture requirements as quantified by the 2007 Building Code of New York State and the 2007 Plumbing Code of New York State.

7. Structural: Section 607:
 - a. Where alteration work includes installation of additional equipment that is structurally supported by the building or reconfiguration of space such that portions of the building become subjected to higher gravity loads as required by Tables 1607.1 and 1607.6 of the Building Code of New York State the provisions of this section shall apply. Seismic provisions of this chapter shall apply only to buildings built after January 1, 2003. Cannot subject existing structural elements to higher gravity, seismic, or shear loads than those outlined in the Building Code of New York State.
 - i. Exceptions:
 1. Structural elements whose stress is not increased by more than 5 percent.
 2. Lateral loads: Buildings in which Level 2 alterations increase the seismic base shear by more than 5 percent shall comply with the structural requirements specified in Section 707.
 - b. Snow Drift Loads: Any structural element subjected to additional loads from effects of snow drifts as a result of additions or added equipment shall comply with the Building Code of New York State.
8. Electrical : Section 608:
 - a. Existing wiring in all work areas in Group A-1, A-2, A-5, H, and I occupancies shall be upgraded to meet the materials and methods requirements of Chapter 5. Exception: Electrical equipment and wiring in newly installed partitions and ceilings shall comply with all applicable requirements of NFPA 70.
 - i. Material: Existing electrical wiring and equipment undergoing repair shall be allowed to be repaired or replaced with the like material.
 - ii. Receptacles: Comply with Section 406.3(D) of NFPA 70.
 - iii. Non-grounding type receptacles: See Section 250.130© of NFPA 70.
9. Mechanical: Section 609:
 - a. Reconfigured or converted spaces intended for occupancy and all spaces converted to habitable or occupied space in any work area shall be provided with natural or mechanical ventilation in accordance with the Mechanical Code of New York State.
 - i. Existing mechanical ventilation systems shall comply with the requirements of Section 609.2.
 1. Altered existing systems. In mechanically ventilated spaces, existing mechanical ventilation systems that are altered, reconfigured, or extended shall provide not less than 5 cubic feet per minute (cfm) (0.0024 m³/s) per person of outdoor air and not less than 15 cfm (0.0071 m³/s) of ventilation air per person; or not less than the amount of ventilation air determined by the Indoor Air Quality Procedure of ASHRAE 62.
 - b. Local Exhaust: All newly introduced devices, equipment, or operations that produce airborne particulate matter, odors, fumes, vapor, combustion products, gaseous contaminants, pathogenic and allergenic organisms, and microbial contaminants in such quantities as to affect adversely or impair health or cause discomfort to occupants shall be provided with local exhaust.
10. Plumbing: Section 610:
 - a. Minimum Fixtures: Where the occupant load of the story is increased by more than 20 percent, plumbing fixtures for the story shall be provided in quantities specified in the Plumbing Code of New York State based on the increased occupant load.
11. Energy Conservation: Section 611:
 - a. There is no energy code requirement listed in the 2007 Existing Building Code of New York State – is listed in 2006 IBC Existing Building Code.

2007 Building Code of New York State
New York State
Department of State
Division of Code Enforcement and Administration

A. BUILDING PLANNING (Chapters 3, 4, 5, and 6):

1. Occupancy Classification (302 – 305, 508): Mixed Occupancy (302.3.1 or 302.3.2) and Incidental / Accessory Use Occupancies (302.1.1 and 302.3.2)

STORY	GROUP	ACTUAL FLOOR AREA	ADJUSTED FLOOR AREA	ACTUAL HEIGHT	ALLOWABLE HEIGHT/SF
Basement	A-2	49,850 sf	N/A	14'-10" 1 Story	5 Stories UL sf
Basement	M	12,600 sf	N/A	14'-10" 1 Story	5 Stories UL sf
Basement	S-1	4,448 sf	N/A	14'-10" 1 Story	11 Stories 48,000 sf
Basement	B	15,424 sf	N/A	14'-10" 1 Story	5 Stories UL sf
Basement	E	4,780 sf	N/A	14'-10" 1 Story	5 Stories UL sf
Basement	Circ, Toilets, Stairs, Etc	17,758 sf	N/A		
Sub-Total		104,860 sf	N/A	14'-10" 1 Story	Type 1B 5 Story/ UL sf
First Floor	A-3	10,600 sf	N/A		11 Stories UL sf
First Floor	B	7,500 sf	N/A		5 Stories UL sf
First Floor	S-1	7,100 sf	N/A		11 Stories 48,000 sf
First Floor	Circ, Toilets, Stairs, Etc	1,857 sf	N/A		
Sub-Total		27,057 sf	N/A		Type 1B 5 Story/ UL sf
Second Floor	A-2	11,600 sf	N/A		5 Stories UL sf
Second Floor	A-3	7,000 sf	N/A		11 Stories UL sf
Second Floor	B	1,000 sf	N/A		5 Stories UL sf
Second Floor	S-1	300 sf	N/A		11 Stories 48,000 sf
Second Floor	Circ, Toilets, Stairs, Lobbies	6,396 sf	N/A		
Sub-Total		26,296 sf	N/A		Type 1B 5 Story/ UL sf
Third Floor	A-2	4,000 sf	N/A		5 Stories UL sf
Third Floor	A-3	10,500 sf	N/A		11 Stories UL sf
Third Floor	B	3,100 sf	N/A		5 Stories UL sf
Third Floor	Circ, Toilets, Stairs, Etc	1,626 sf	N/A		
Sub-Total		19,226 sf	N/A		Type 1B 5 Story/ UL sf

The concern here is the basement level. The IBC definition for basement states: "That portion of a building that is partly or completely below grade plane. A basement shall be considered as a story above grade plane where the finished surface of the floor above the basement is: 1) More than 6 feet above grade plane; or, 2) More than 12 feet above the finished ground level at any point. The finished floor above the basement is 18'-0" on three sides of the basement and thus classifies this portion of the lowest level as a story – not a basement.

It is also apparent that the building should adhere to most strict occupancy within the building. The most strict occupancy would be A-2. A-3 is assembly uses intended for worship, recreation or amusement and other assembly uses not classified elsewhere in Group A. It could be that most functions of the building would be A-3: not A-2.

2. General Building Limitations (Chapters 5 and 6):

- a. As stated above, the basement is a story by definition. The building is four (4) stories. This section of the code defines the process of determining the allowable heights and square footage areas allowed in the structure. Several construction types were considered. Total height of the existing building, from Basement level to top of roof steel is 51'-0". From the first floor to the top of the roof steel it is 36'-2".
 - i. Type IIB: The predominant use group is A-2 and A-3. Type IIB allows for two (2) stories and 9,500 sf per floor. The existing building is four stories.
 - ii. Type IIA: Again, the predominant uses are A-2 and A-3. This construction type allows three (3) stories and 15,500 sf per floor. The existing building exceeds the allowable 15,500 sf per floor and the building is four (4) stories.
 - iii. Type IB: Since the predominant uses are A-2 and A-3 the allowable height and sf/floor in Table 503 is eleven (11) stories and unlimited square footage per floor. Construction Type IB meets the requirements of the General Building Limitations.
- b. Area Modifications to Table 503:
 - i. The requirements of Table 503 can be modified when "frontage" is distant enough or when an automatic sprinkler are added to the building. The existing building has no automatic sprinkler system (some portions of the building have had a sprinkler system added over the years during previous renovations and additions). Unfortunately, neither of the available modifications will allow enough conversion factor to meet or exceed the existing basement story square footage of 101,700 sf. The allowable square feet in Table 503 for Type IIB is 9,500 sf and 15,500 sf for Type IIA. The conversion factor would not allow enough conversion factor for 15,500 sf to be increased to 101,700 sf.
 - ii. This section is not applicable to the existing structure. Table 508.3.3 identifies required separation of occupancies in hours. All A occupancies must be separated from B, M, and S-1 occupancies by two (2) hour rated construction when there is no automatic sprinkler systems in the building. If the building were equipped throughout with an automatic sprinkler system, then the required rated separation would be one (1) hour.
 - iii. Conclusion: It would not only advisable to install an automatic sprinkler system in the entire structure for the life safety of the occupants but it could reduce the owners cost of insurance – something that would have to be investigated. The most restrictive application of the code in this case is the requirements for A-2 and A-3 – Assembly Occupancy.
- c. Determine Construction Type: This study included checking the allowable area as stated above.
 - i. Actual Building Area: 176,500 sf
 - ii. Allowable Area per Floor: 15,500 sf
 - iii. Conversion Factor: 0
 - iv. Adjusted Building Area: 176,500 sf. Same as actual building area.
 - v. Actual Building Height: 51'-0" (4 stories) from basement to top of roof steel. First Floor to top of roof steel: 36'-2" plus basement with a height 14'-10" to first floor.
 - vi. Permitted Types of Construction: All
 - vii. Type of Construction assumed for review: Type IB: 11 stories and unlimited area.

3. Special Detailed Requirements Based On Use and Occupancy:
- a. Atriums: Section 404: There is an open shaft that extends from the first floor up to the ceiling of the third floor.
 - i. First Floor: The grand stair and lobby area is separated from the exterior by a vestibule with doors (rated?) and separated by doors (rated?) from lobbies on the east, west, and south.
 - ii. Second Floor: The floor opening is surrounded by a wide corridor where the grand stair lands. The wide corridor is part of the required width of egress for those assembling in the Ballroom. The wide corridor also serves as a pre-function lounge for the Ballroom. The east side of the atrium is separated from the exit stair lobby by door (rated?). The west side of the atrium is separated from the exit stair / elevator lobby by a set of doors (rated?). The south end of the atrium is open to the entrance into the Ballroom where 480 people can congregate for a function.
 - 1. Since corridor is required means of egress, the distance thru the atrium space cannot exceed 200'-0". The building meets this requirement.
 - iii. Third Floor: It appears on the drawings that there is no exposure (opening into) to the atrium from the third floor – only HVAC diffusers.
 - iv. The space is equipped with smoke detectors and no automatic sprinkler system.
 - b. Atrium Code Definition: An opening connecting two or more stories other than enclosed stairways, elevators, hoistways, escalators, plumbing, electrical, air-conditioning, or other equipment, which is closed at the top and not defined as a mall. Stories, as used in this definition, do not include balconies, within assembly groups or mezzanines that comply with Section 505.
 - i. An approved automatic sprinkler system shall be installed throughout the entire building.
 - 1. Exceptions:
 - a. That area of the atrium adjacent to the atrium need not be sprinklered provided that portion of the building is separated from the atrium portion by not less than two hour fire-resistant fire barrier wall or horizontal assembly – or both.
 - b. Where the ceiling of the atrium is more than 55 feet (16 764 mm) above the floor, sprinkler protection at the ceiling of the atrium is not required.
 - ii. Smoke Control System: System shall conform to Code Section 909.
 - 1. Exceptions:
 - a. Smoke control is not required for floor openings meeting the requirements of Section 707.2, exception 2, 7, 8 or 9.
 - b. Exception 2: A shaft enclosure is not required in a building equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 for an escalator opening or stairway which is not a portion of the means of egress protected according to Item 2.1 or 2.2.
 - c. Exception 2.1: Where the area of the floor opening between stories does not exceed twice the horizontal projected area of the escalator or stairway and the opening is protected by a draft curtain and closely spaced sprinklers in accordance with NFPA 13. In other than Groups B and M, this application is limited to openings that do not connect more than four stories.
 - d. Exception 2.2: Where the opening is protected by approved power-operated automatic shutters at every floor penetrated. The shutters shall be of noncombustible construction and have a fire-resistance rating of not less than 1.5 hours. The shutter shall be so constructed as to close immediately upon the actuation of a smoke detector installed in accordance with Section 907.10 and shall completely shut off the well opening. Escalators shall cease operation when the shutter begins to close. The shutter shall operate at a speed of not more than 30 feet per minute (152.4 mm/s) and shall be equipped with a sensitive leading edge to arrest its progress where in contact with any obstacle, and to continue its progress on release therefrom.
 - e. Exceptions 7, 8, and 9 are not relevant to this project.
 - f. Smoke control is not required for floor openings meeting the requirements of Section 1019.1, Exception 8 or 9.

- g. Interior exit stairways and interior exit ramps shall be enclosed with fire barriers. Exit enclosures shall have a fire-resistance rating of not less than 2 hours where connecting four stories or more and not less than 1 hour where connecting less than four stories. The number of stories connected by the shaft enclosure shall include any basements but not any mezzanines. An exit enclosure shall not be used for any purpose other than means of egress. Enclosures shall be constructed as fire barriers in accordance with Section 706.
- h. Exceptions 8 and 9 are not relevant.
- iii. Enclosure of atriums. Atrium spaces shall be separated from adjacent spaces by a 1-hour fire barrier wall.
 - 1. Exceptions:
 - a. A glass wall forming a smoke partition where automatic sprinklers are spaced 6 feet (1829 mm) or less along both sides of the separation wall, or on the room side only if there is not a walkway on the atrium side, and between 4 inches and 12 inches (102 mm and 305 mm) away from the glass and so designed that the entire surface of the glass is wet upon activation of the sprinkler system. The glass shall be installed in a gasketed frame so that the framing system deflects without breaking (loading) the glass before the sprinkler system operates.
 - b. The adjacent spaces of any three floors of the atrium shall not be required to be separated from the atrium where such spaces are included in computing the atrium volume for the design of the smoke control system.
 - iv. Interior Finish: Not less than Class B with no reduction for sprinkler protection.
 - v. Travel distance: In other than the lowest level of the atrium, where the required means of egress is through the atrium space, the portion of exit access travel distance within the atrium space shall not exceed 200 feet (60 960 mm).

B. FIRE PROTECTION (Chapters 6, 7, 8, 9):

- 1. Automatic Sprinkler Systems (903): Group A: An automatic sprinkler system shall be provided throughout buildings and portions thereof used as Group A occupancies as provided in this section. The automatic sprinkler system shall be provided throughout the floor area where the Group A occupancy is located, and in all floors between the Group A occupancy and the level of exit discharge.
 - a. Assembly (903.2.1):
 - i. Group A-2: an automatic sprinkler system shall be provided where one of the following conditions exist.
 - 1. The fire area exceeds 5,000 sf.
 - a. Basement Level (a story) has 49,850 sf.
 - b. Second Floor has 10,200 sf.
 - c. Third Floor has 4,000 sf.
 - 2. Fire area has occupant load of 100 or more.
 - a. Basement Level (a story) has an occupant load of 1,604 occupants in the dining facilities.
 - b. First Floor has no A-2 occupancy rating.
 - c. Second Floor has the Ballroom. All A-2 occupancies total 700 occupants.
 - d. Third Floor has 334 occupants.
 - 3. Fire area is located on a floor other than the level of exit discharge.
 - a. Basement Level (a story) exits to grade.
 - b. First Floor is level with the building deck which is about 15'-0" above finish grade – not level of exit discharge to grade.
 - c. Second Floor is 11'-4" above First Floor – not level of exit discharge to grade.
 - ii. Group A-3: An automatic sprinkler system shall be provided where one of the following conditions exist.
 - 1. The fire area exceeds 12,000 sf.
 - a. Basement Level (a story) has no A-3 occupancy rating.
 - b. First Floor has 10,600 sf.

- c. Second Floor has 7,000 sf.
 - d. Third Floor has 10,500 sf.
 - 2. The fire area has an occupant load of 100 or more.
 - a. Basement Level (a story): No occupants
 - b. First Floor has 611 occupants.
 - c. Second Floor has 997 occupants.
 - d. Third Floor has 160 occupants.
 - b. Group E: An automatic sprinkler system shall be provided as follows:
 - i. Throughout all Group E fire areas greater than 20,000 SF in area.
 - 1. Not required in this portion of building.
 - c. Group M: Automatic sprinkler system shall be provided throughout buildings where one of the following conditions exists.
 - i. Where fire area exceeds 12,000 sf.
 - 1. Basement Level (a story) is only level for Group M occupancy. Bookstore has 12,600 sf and 3,348 sf of storage. Total 15,948 sf. Sprinklers required because actual square footage exceeds the allowable.
 - ii. Group S-1: An automatic sprinkler system shall be provided throughout all buildings where one of the following conditions exists.
 - 1. Fire area exceeds 12,000 sf. This condition does not apply.
 - 2. Fire area is located more than three stories above grade. This does not apply.
 - 3. Combined area of all S-1 areas throughout entire building exceeds 24,000 sf.
 - d. All systems to be installed in accordance with Section 903.3.1.1. Section 903.3.1.1 outlines that the system be installed according to the guidelines set forth in NFPA 13 and as per the exceptions in Section 903.3.1.1.
- 2. Standpipe Systems: Section 905:
 - a. Standpipe systems shall be installed in accordance with this section and NFPA 14.
 - b. Class III standpipe system to be installed throughout buildings where the floor level of the highest story is located more than 30 feet above the lowest level of fire department vehicle access. Third floor is 40'-2" above fire department vehicle access.
 - c. Class I manual wet standpipes are allowed in buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 where the highest floor is located not more than 75 feet (22 860 mm) above the lowest level of fire department vehicle access.
 - d. Buildings of Group A occupancy shall be equipped with Class I automatic wet standpipes where building is not fully sprinklered and has an occupant load of 1,000 persons. Campus Center is not fully sprinklered and exceeds 1,000 occupants. But Class III is really required unless I am unfamiliar with approach to building by a fire department vehicle.
- 3. Portable Fire Extinguishers: Section 906
 - a. Portable fire extinguishers shall be provided in occupancies and locations as required by the Fire Code of New York State.
 - i. Fire Extinguishers shall be selected, installed, and maintained in accordance with this section and NFPA 10.
 - ii. This facility, with exception of kitchens, is primarily a Class A fire hazard. It is a light (low) hazard occupancy requiring 2-A single extinguishers with a maximum floor area (per unit of A) per extinguisher of 3,000 square feet. Maximum travel distance to any fire extinguisher will be 75 feet.
 - b. Location: Portable fire extinguishers having a gross weight not exceeding 40 pounds shall be installed so that its top is not more than 5'-0" above the floor. Hand-held portable fire extinguishers having a gross weight exceeding 40 pounds shall be installed so that its top is not more than 3.5 feet above the floor. The clearance between the floor and the bottom of installed hand-held extinguishers shall not be less than 4". Remember, the handle on the fire extinguisher must not exceed the 48" reach range for those confined to a wheel chair.

- c. Unobstructed and unobscured: Fire Extinguishers shall not be obstructed from view. In rooms or areas in which visual obstruction cannot be completely avoided, means shall be provided to indicate the location of extinguishers.
- d. Conspicuous Location: Extinguishers shall be located in conspicuous locations where they will be readily accessible and immediately available for use. These locations shall be along normal paths of travel, unless the fire code official determines that the hazard posed indicates the need for placement away from normal paths of travel.

C. OCCUPANT NEEDS (Chapters 10, 11, 12):

1. Means of Egress: Occupant Load (1004.1.1 and Table 1004.1.1)

Location	Floor Area	Square Foot Per Person	Occupant Load	Other Loads	Total
Basement Level					
Food Service	13,000 sf	15 sf gross/person	870 people		
Cafeteria	6,200 sf	15 sf gross/person	414 people		
Auxillary Dining	4,800 sf	15 sf gross/person	320 people		
Kitchen and Kitchen Servery	10,200 sf	200 sf gross/person	51 persons		
Food Service Tenents	7,600 sf	200 sf gross/person	38 persons		
Bookstore	12,600 sf	60 sf gross/person	210 people		
Bookstore Storage	4,448 sf	300 sf gross/person	15 people		
Financial Aid & Registration	15,424 sf	100 sf gross/person	154 people		
Sub-Total			2072 people		
First Floor					
Lounge 103	4,500 sf	15 sf gross/person	300 people		
Game Lounge 166	900 sf	11 sf gross/person	81 persons		
Grad Student Assoc 165b	600 sf	100 sf gross/person	6 persons		
Terrace Lounge 165a	900 sf	15 sf gross/person	60 people		
West Lounge 110	2,100 sf	15 sf gross/person	140 people		
Lounge 138	1,600 sf	15 sf gross/person	11 people		
Student life Offices					
Disabilities Resource	4,000 sf	15 sf gross/person	40 people		
Student Association	3,500 sf	100 sf gross/person	35 people		
Sub-Total			673 people		

Second Floor					
Ballroom 202	7,200 sf	15 sf gross/person	480 people		
Lobby 201 Pre-Function Lounge	2,600 sf	5 sf gross/person	520 people		
Fireside Lounge 211	2,000 sf	15 sf gross/person	134 people		
Assembly Hall 212	2,400 sf	15 sf gross/person	160 people		
Patron Room 226	3,200 sf	15 sf gross/person	214 people		
Café 222A	500 sf	100 sf gross/person	5 people		
Chartwell Office 222B	500 sf	100 sf gross/person	5 people		
Storage	300 sf	300 sf gross/person	1 person		
Kitchen	1,200 sf	200 sf gross/person	6 people		
Sub-Total			1,525 people		
Third Floor					
Meeting Room 375	5000 sf	15 sf gross/person	334 people		
Meeting Room Administration	3,000 sf	15 sf gross/person	200 people		
Meeting Rooms 4 total	2,400 sf	15 sf gross/person	160 people		
Offices 3 total	600 sf	100 sf gross/person	6 people		
Student Offices	1500 sf	100 sf gross/person	15 people		
Radio Station	2,000 sf	100 sf gross/person	20 people		
Sub-Total			735 people		
Total Building			5,005 people		

2. Capacity of Egress Components: Section 1005

- a. The total width of means of egress shall not be less than the total occupant load served by the means of egress multiplied by the factors in Table 1005.1. Multiple means of egress shall be sized such that the loss of any one means of egress shall not reduce the available capacity to less than 50% of the required capacity.
 - i. The maximum capacity required from any story of a building shall be maintained to the termination of the means of egress.
 - ii. Egress width per occupant without a sprinkler system:
 1. Stairs: 0.3 inches per occupant
 2. Other egress components: 0.2 inches per occupant.
 - iii. Egress width per occupant with a sprinkler system:
 1. Stairs: 0.2 inches per occupant
 2. Other egress components: 0.15 inches per occupant.

Table of Egress widths

Location	Occupant Load	Actual Door Width Egress	Actual Stair Width Egress	Code Required Door Width	Code Required Stair Width	Remarks
Basement Level	2072 people	576"	168"	310.8"	414.4"	Sprinkler system in most recent addition. Existing portion of building has no sprinkler system. Exit directly to grade. All four stairs exit to "building deck" at First Floor. This stair width does not include monumental stair in cafeteria – not a rated means of egress. The "service drive" not included in calculation because on access is thru kitchen. Plenty of egress to directly to grade.
First Floor	673 people	704"	228"	134.6"	201.9"	No sprinkler system/No Standpipe. Stairs exit to deck (which has been defined as grade by information submitted by the Owner) "grade exit" (one-story above actual grade) for stair towers. No exit to grade at Basement Level from stairs. No gate or required signage at first floor landing identifying first floor exit level.
Second Floor	1,525 people	216"	332"	305"	457.5"	No sprinkler system/No smoke control system/No standpipe. There is a monumental stair that cannot be considered as a means of egress in the event of an emergency – The entrance hall (Atrium) on the first floor needs to be separated by a rated wall assembly from all other spaces around it. Door and wall ratings are questionable. Stair widths are inadequate. Ballroom exits to stairs at either end of the room itself. All other stairs are inaccessible in an emergency event due to rated access corridors. New stairs would be required from Ballroom to exterior. No stairs provide for Rescue Assistance.
Third Floor	735 people	216"	332"	147"	220.5"	No sprinkler system. Six rated enclosed stair towers. No areas of rescue assistance. No standpipe.

- b. In the Table of Egress Widths above, recognize the code required width of exit egress stairs does not meet code at the Basement Level and Second Floor. The Basement Level egress is thru doors directly to grade. The stairs are in locations that would allow escape thru the first floor in the event one of the doors to grade was not operable. The stairs are located in four spots around the Basement Level and prevents any dead-ends. We did not include any access to the "service corridor" as a means of egress. The "service corridor" itself is only accessible thru the kitchen – not an approved means of egress. In the original design, the stairs extended to the Basement Level where exit from the stair was to the grade and directly to the exterior. Subsequent additions eliminated the direct access to the exterior grade required by code and resulted in the stairs exiting at existing building deck (First Floor exterior deck which is above natural grade). Efforts were made to modify the first floor configurations to accommodate a direct to exterior exit but the solution does not meet the codes requirements:
 - i. BOCA 1984 (example): 816.11, Discharge Identification: Stairways which continue beyond the floor of discharge shall be interrupted at the floor of discharge by partitions, doors, or other effective means of preventing persons from continuing past the floor of discharge while egressing. A sign shall be provided at each floor landing in all interior stairways more than three stories in height, designating the floor level above the floor of discharge.
 - ii. IBC 2006: 1020.1.5, Discharge Identification Barrier: A stairway in an exit enclosure shall not continue below the level of exit discharge unless an approved barrier is provided at the level of exit discharge to prevent persons from intentionally continuing into levels below. Directional exit signs shall be provided as specified in Section 1011.
 - c. In the Table of Egress Widths above, there are serious areas of inadequate means of egress concerning stair and door widths. At the Basement Level and the First Floor the design took advantage of direct to grade exit access (the first floor was designated as an exit to grade as evidenced in the information provided by the Owner. From the Second Floor, the door egress width is short of the code requirements but the actual door widths from the Third Floor exceed the codes requirements. The door widths for the Third Floor and Second Floor are doors accessing the stair towers. The exiting from the Ballroom is a concern. The Atrium cannot be used as a means of egress because the atrium does not meet current code requirements for emergency egress but people will exit the ballroom doors and proceed thru the atrium in an emergency event. See remarks above in table about rating of walls around entrance hall (atrium).
3. Accessible Means of Egress: Section 1007
- a. Accessible means of egress are NOT required in alterations to existing buildings.
 - b. Accessible means of egress shall comply with this section. Accessible spaces shall be provided with not less than one accessible means of egress. Where more than one means of egress is required by Section 1014.1 or 1018.1 from any accessible space, each accessible portion of the space shall be served by not less than two accessible means of egress.
 - c. 1007.4, Elevators: Because the Campus Center has a floor four stories above the grade level of fireman's access, an option is to consider the elevator as part of an accessible means of egress (the existing stair towers do not have sufficient floor space at the landings on the Second and Third Floors to accommodate Areas of Refuge). The elevator shall comply with the emergency operation and signaling device requirements of Section 2.27 of ASME A17.1. Standby power shall be provided in accordance with Sections 2702 and 3003. The elevator shall be accessed from either an area of refuge complying with Section 1007.6 or a horizontal exit.
 - d. 1007.8, Exterior area for assisted rescue: This will not be an issue based upon the work to be undertaken for this phase. Future consideration of this issue may be necessary.
4. Doors, Gates and Turnstiles: Section 1008: Means of egress doors shall meet the requirements of this section. Doors serving a means of egress system shall meet the requirements of this section and Section 1017.2. Doors provided for egress purposes in numbers greater than required by this code shall meet the requirements of this section. Means of egress doors shall be readily distinguishable from the adjacent construction and finishes such that the doors are easily recognizable as doors. Mirrors or similar reflecting materials shall not be used on means of egress doors. Means of egress doors shall not be concealed by curtains, drapes, decorations or similar materials.

- a. This section addresses size of doors, projections into clear width of door, door swings, revolving doors, power-operated doors, horizontal sliding doors, access-controlled egress doors, security grilles, landings sizes, thresholds, door arrangement, door operation, hardware, hardware height, locks and latches, bolt locks, delayed egress locks, panic and fire exit hardware, interior stairway doors, gates (these may be required to satisfy the codes requirements for stair tower exit landings), headroom, stair treads and risers, profile of treads and stairs, walking surface requirements, construction, enclosures under stairways, handrails, stairways to roof, and protection of roof hatch openings.
5. Stairways and Handrails: Section 1009
 - a. The width of stairways shall be determined as specified in Section 1005.1, but such width shall not be less than 44 inches (1118 mm). See Section 1007.3 for accessible means of egress stairways.
 - i. Exceptions: Stairways serving an occupant load of 50 or less shall have a width of not less than 36 inches.
 - b. Stair treads and risers. Stair riser heights shall be 7 inches (178 mm) maximum and 4 inches (102 mm) minimum. Stair tread depths shall be 11 inches (279 mm) minimum. The riser height shall be measured vertically between the leading edges of adjacent treads. The greatest riser height within any flight of stairs shall not exceed the smallest by more than 0.375 inch (9.5 mm). The tread depth shall be measured horizontally between the vertical planes of the foremost projection of adjacent treads and at right angle to the tread's leading edge. The greatest tread depth within any flight of stairs shall not exceed the smallest by more than 0.375 inch (9.5 mm). Winder treads shall have a minimum tread depth of 11 inches (279 mm) measured at a right angle to the tread's leading edge at a point 12 inches (305 mm) from the side where the treads are narrower and a minimum tread depth of 10 inches (254 mm). The greatest winder tread depth at the 12-inch (305 mm) walk line within any flight of stairs shall not exceed the smallest by more than 0.375 inch (9.5 mm). EXCEPTION: See the Existing Building Code of New York State for the replacement of existing stairways.
6. Exit Signs: Section 1011
 - a. Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel. Access to exits shall be marked by readily visible signs in cases where the exit or path of travel is not immediately visible to the occupants. Exit sign placement shall be such that no point in corridor is more than 100 feet or the listed viewing distance for the sign, whichever is less, from the nearest visible exit sign.
 - b. Tactile Exit Signs: A tactile exit sign stating "EXIT" and complying with ICC A117.1 shall be provided adjacent to each door to an egress stairway, an exit passageway and the exit discharge.
 - c. Internally illuminated exit signs. Internally illuminated exit signs shall be listed and labeled and shall be installed in accordance with the manufacturer's instructions and Section 2702. Exit signs shall be illuminated at all times.
 - d. Power source. Exit signs shall be illuminated at all times. To ensure continued illumination for a duration of not less than 90 minutes in case of primary power loss, the sign illumination means shall be connected to an emergency power system provided from storage batteries, unit equipment or an on-site generator. The installation of the emergency power system shall be in accordance with Section 2702. Exception: Approved exit sign illumination means that provide continuous illumination independent of external power sources for a duration of not less than 90 minutes, in case of primary power loss, are not required to be connected to an emergency electrical system.
7. Handrails: see Section 1009
 - a. Handrails and guards. Handrail assemblies and guards shall be designed to resist a load of 50 plf (0.73 kN/m) applied in any direction at the top and to transfer this load through the supports to the structure.
 - b. Handrails for stairways and ramps shall be adequate in strength and attachment in accordance with Section 1607.7.
 - c. Handrails required for stairways shall comply with Section 1011.1 through 1009.11.7.
 - d. Height: shall be measured above stair tread nosings and shall be not less than 34" and not more than 38".

8. Guards: Section 1012

- a. Guards shall be located along open-sided walking surfaces, mezzanines, industrial equipment platforms, stairways, ramps and landings that are located more than 30" above the floor or grade below.
- b. Guards shall be located along glazed sides of stairways, ramps, and landings that are located more than 30" above the floor or grade below where the glazing provided DOES NOT meet the strength and attachment requirements in Section 1607.7.
 - i. Exceptions: Guards are not required for the following locations:
 - 1. On the loading side of loading docks or piers.
 - 2. In assembly seating where guards in accordance with Section 1025.14 are permitted and provided.
- c. Height: Guards shall form a protective barrier not less than 42" high, measured vertically above the leading edge of the tread, adjacent walking surface or adjacent seatboard.
- d. Opening limitations: Open guards shall have balusters or ornamental patterns such that a 4" diameter sphere cannot pass through any opening up to a height of 34". From a height of 34" to 42" above the adjacent walking surfaces, a sphere 8" in diameter shall not pass.
 - i. Exceptions:
 - 1. The triangular openings formed by the riser, tread, and bottom rail at the open side of a stairway shall be of a maximum size such that a sphere of 6" in diameter cannot pass through the opening.
 - 2. At elevated walking surfaces for access to and use of electrical, mechanical or plumbing systems or equipment, guards shall have balusters or be of solid materials such that a sphere with a diameter of 21" cannot pass through any opening.

9. Exit Access: Section 1013

- a. Egress through intervening spaces: Egress from a room or space shall not pass through adjoining or intervening rooms or areas, except where such adjoining rooms or areas are accessory to the area served, are not a high-hazard occupancy and provide a discernible path of egress travel to an exit.
- b. Egress shall not pass through kitchens, storage rooms, closets, or spaces used for similar purposes.

10. Exit and Exit Access Doorways: Section 1014

- a. Two exits or exit access doorways from any space shall be provided where one of the following conditions exists: 1. The occupant load of the space exceeds the values in Table 1014.1; 2. The common path of egress travel exceeds the limitations of Section 1013.3; 3. Where required by Sections 1014.3, 1014.4 and 1014.5.
- b. Two exits or exit access doorways from any space shall be provided where one of the following conditions exists: 1. The occupant load of the space exceeds 50 persons in Occupancies A, B, E, and M.
- c. Three or more exits: Access to three or more exits shall be provided from a floor area where required by Section 1018.1; 1. All rooms and spaces within each story shall be provided with and have access to the minimum number of approved independent exits as required by Table 1018.1 based on the occupant load, except as modified in Section 1014.1 or 1018.2. For the purposes of this chapter, occupied roofs shall be provided with exits as required for stories. The required number of exits from any story, basement or individual space shall be maintained until arrival at grade or the public way. 1 to 500 persons 2 exits; 500 to 1,000 persons 3 exits; more than 1,000 4 exits.
- d. Where two exits or exit access doorways are required from any portion of the exit access, the exit doors or exit access doorways shall be placed a distance apart equal to not less than one-half of the length of the maximum overall diagonal dimension of the building or area to be served measured in a straight line between exit doors or exit access doorways. Interlocking or scissor stairs shall be counted as one exit stairway.

- e. Three or more exits or exit access doorways. Where access to three or more exits is required, at least two exit doors or exit access doorways shall be placed a distance apart equal to not less than one-half of the length of the maximum overall diagonal dimension of the area served measured in a straight line between such exit doors or exit access doorways. Additional exits or exit access doorways shall be arranged a reasonable distance apart so that if one becomes blocked, the others will be available.
 - f. Boiler, incinerator and furnace rooms. Two exit access doorways are required in boiler, incinerator and furnace rooms where the area is over 500 square feet (46 m²) and any fuel-fired equipment exceeds 400,000 British thermal units (Btu) (422 000 KJ) input capacity. Where two exit access doorways are required, one is permitted to be a fixed ladder or an alternating tread device. Exit access doorways shall be separated by a horizontal distance equal to one-half the maximum horizontal dimension of the room.
 - g. Refrigeration machinery rooms: Machinery rooms larger than 1,000 square feet (93 m²) shall have not less than two exits or exit access doors. Where two exit access doorways are required, one such doorway is permitted to be served by a fixed ladder or an alternating tread device. Exit access doorways shall be separated by a horizontal distance equal to one-half the maximum horizontal dimension of room. All portions of machinery rooms shall be within 150 feet (45 720 mm) of an exit or exit access doorway. An increase in travel distance is permitted in accordance with Section 1015.1. Doors shall swing in the direction of egress travel, regardless of the occupant load served. Doors shall be tight fitting and self-closing.
 - h. Refrigerated rooms or spaces: Rooms or spaces having a floor area of 1,000 square feet (93 m²) or more, containing a refrigerant evaporator and maintained at a temperature below 68°F (20°C), shall have access to not less than two exits or exit access doors. Travel distance shall be determined as specified in Section 1015.1, but all portions of a refrigerated room or space shall be within 150 feet (45 720 mm) of an exit or exit access door where such rooms are not protected by an approved automatic sprinkler system. Egress is allowed through adjoining refrigerated rooms or spaces. Exception: Where using refrigerants in quantities limited to the amounts based on the volume set forth in the Mechanical Code of New York State.
11. Exit Access Travel Distance: Section 1015
- a. Travel distance limitations: Exits shall be located on each story such that the maximum length of exit access travel, measured from the most remote point within a story to the entrance to an exit along the natural and unobstructed path of egress travel, shall not exceed the distance given in Table 1015.1.
 - i. Group A occupancy: without sprinkler system 200'-0"; with approved sprinkler system 250'-0".
 - ii. Group B occupancy: without sprinkler system 200'-0"; with approved sprinkler system 300'-0".
12. Corridors: Section 1016
- a. Corridors shall be fire-resistance rated in accordance with Table 1016.1. The corridor walls required to be fire-resistance rated shall comply with Section 708 for fire partitions.
 - b. Minimum corridor width shall be 44". Exception: Thirty-six inches (914 mm) - with a required occupant capacity of 50 or less.
 - c. Dead ends: Where more than one exit or exit access doorway is required, the exit access shall be arranged such that there are no dead ends in corridors more than 20 feet (6096 mm) in length.
 - i. Exception: A dead-end corridor shall not be limited in length where the length of the dead-end corridor is less than 2.5 times the least width of the dead-end corridor.
 - d. Air movement in corridors: Exit access corridors shall not serve as supply, return, exhaust, relief or ventilation air ducts. Exception: Use of a corridor as a source of makeup air for exhaust systems in rooms that open directly onto such corridors, including toilet rooms, bathrooms, dressing rooms, smoking lounges and janitor closets, shall be permitted provided that each such corridor is directly supplied with outdoor air at a rate greater than the rate of makeup air taken from the corridor.

- e. Corridor ceiling: Use of the space between the corridor ceiling and the floor or roof structure above as a return air plenum is permitted for one or more of the following conditions: 1. The corridor is not required to be of fire-resistance-rated construction; 2. The corridor is separated from the plenum by fire-resistance-rated construction; 3. The air-handling system serving the corridor is shut down upon activation of the air-handling unit smoke detectors required by the Mechanical Code of New York State; 4. The air-handling system serving the corridor is shut down upon detection of sprinkler waterflow where the building is equipped throughout with an automatic sprinkler system; 5. The space between the corridor ceiling and the floor or roof structure above the corridor is used as a component of an approved engineered smoke control system.

13. Vertical Exit Enclosures: Section 1019

- a. Interior exit stairways and interior exit ramps shall be enclosed with fire barriers. Exit enclosures shall have a fire-resistance rating of not less than 2 hours where connecting four stories or more and not less than 1 hour where connecting less than four stories. The number of stories connected by the shaft enclosure shall include any basements but not any mezzanines. An exit enclosure shall not be used for any purpose other than means of egress. Enclosures shall be constructed as fire barriers in accordance with Section 706.
- b. Openings and penetrations: Exit enclosure opening protectives shall be in accordance with the requirements of Section 715. Except as permitted in Section 402.4.6, openings in exit enclosures other than unexposed exterior openings shall be limited to those necessary for exit access to the enclosure from normally occupied spaces and for egress from the enclosure. Where interior exit enclosures are extended to the exterior of a building by an exit passageway, the door assembly from the exit enclosure to the exit passageway shall be protected by a fire door conforming to the requirements in Section 715.3. Fire door assemblies in exit enclosures shall comply with Section 715.3.4.
- c. Penetrations: Penetrations into and openings through an exit enclosure are prohibited except for required exit doors, equipment and ductwork necessary for independent pressurization, sprinkler piping, standpipes, electrical raceway for fire department communication and electrical raceway serving the exit enclosure and terminating at a steel box not exceeding 16 square inches (0.010 m²). Such penetrations shall be protected in accordance with Section 712. There shall be no penetrations or communication openings, whether protected or not, between adjacent exit enclosures.
- d. Ventilation: Equipment and ductwork for exit enclosure ventilation shall comply with one of the following items: 1. Such equipment and ductwork shall be located exterior to the building and shall be directly connected to the exit enclosure by ductwork enclosed in construction as required for shafts; 2. Where such equipment and ductwork is located within the exit enclosure, the intake air shall be taken directly from the outdoors and the exhaust air shall be discharged directly to the outdoors, or such air shall be conveyed through ducts enclosed in construction as required for shafts; 3. Where located within the building, such equipment and ductwork shall be separated from the remainder of the building, including other mechanical equipment, with construction as required for shafts. In each case, openings into the fire-resistance-rated construction shall be limited to those needed for maintenance and operation and shall be protected by self-closing fire-resistance-rated devices in accordance with Chapter 7 for enclosure wall opening protectives. Exit enclosure ventilation systems shall be independent of other building ventilation systems.
- e. Vertical enclosure exterior walls: Exterior walls of a vertical exit enclosure shall comply with the requirements of Section 704 for exterior walls. Where nonrated walls or unprotected openings enclose the exterior of the stairway and the walls or openings are exposed by other parts of the building at an angle of less than 180 degrees (3.14 rad), the building exterior walls within 10 feet (3048 mm) horizontally of a nonrated wall or unprotected opening shall be constructed as required for a minimum 1-hour fire-resistance rating with 3/4-hour opening protectives. This construction shall extend vertically from the ground to a point 10 feet (3048 mm) above the topmost landing of the stairway or to the roof line, whichever is lower.

- f. Enclosures under stairways: The walls and soffits within enclosed usable spaces under enclosed and unenclosed stairways shall be protected by 1-hour fire-resistance-rated construction, or the fire-resistance rating of the stairway enclosure, whichever is greater. Access to the enclosed usable space shall not be directly from within the stair enclosure.
 - g. Discharge identification: A stairway in an exit enclosure shall not continue below the level of exit discharge unless an approved barrier is provided at the level of exit discharge to prevent persons from unintentionally continuing into levels below. Directional exit signs shall be provided as specified in Section 1011.
 - h. Stairway floor number signs: A sign shall be provided at each floor landing in interior vertical exit enclosures connecting more than three stories designating the floor level, the terminus of the top and bottom of the stair enclosure and the identification of the stair. The signage shall also state the story of, and the direction to the exit discharge and the availability of roof access from the stairway for the fire department. The sign shall be located 5 feet (1524 mm) above the floor landing in a position which is readily visible when the doors are in the open and closed positions.
 - i. Smokeproof enclosures: In buildings required to comply with Section 403 or 405, each of the exits of a building that serves stories where the floor surface is located more than 75 feet (22 860 mm) above the lowest level of fire department vehicle access or more than 30 feet (9144 mm) below the level of exit discharge serving such floor levels shall be a smokeproof enclosure or pressurized stairway in accordance with Section 909.20.
 - j. Enclosure exit: A smokeproof enclosure or pressurized stairway shall exit into a public way or into an exit passageway, yard or open space having direct access to a public way. The exit passageway shall be without other openings and shall be separated from the remainder of the building by 2-hour fire-resistance-rated construction. Exceptions: 1. Openings in the exit passageway serving a smokeproof enclosure are permitted where the exit passageway is protected and pressurized in the same manner as the smokeproof enclosure, and openings are protected as required for access from other floors; 2. Openings in the exit passageway serving a pressurized stairway are permitted where the exit passageway is protected and pressurized in the same manner as the pressurized stairway.
 - k. Enclosure access: Access to the stairway within a smokeproof enclosure shall be by way of a vestibule or an open exterior balcony. Exception: Access is not required by way of a vestibule or exterior balcony for stairways using the pressurization alternative complying with Section 909.20.5.
14. Horizontal Exits: Section 1021
- a. Horizontal exits serving as an exit in a means of egress system shall comply with the requirements of this section. A horizontal exit shall not serve as the only exit from a portion of a building, and where two or more exits are required, not more than one-half of the total number of exits or total exit width shall be horizontal exits.
 - b. Every fire compartment for which credit is allowed in connection with a horizontal exit shall not be required to have a stairway or door leading directly outside, provided the adjoining fire compartments have stairways or doors leading directly outside and are so arranged that egress shall not require the occupants to return through the compartment from which egress originates.
 - c. The area into which a horizontal exit leads shall be provided with exits adequate to meet the occupant requirements of this chapter, but not including the added occupant capacity imposed by persons entering it through horizontal exits from another area. At least one of its exits shall lead directly to the exterior or to an exit enclosure.
 - d. Separation: The separation between buildings or areas of refuge connected by a horizontal exit shall be provided by a fire wall complying with Section 705 or a fire barrier complying with Section 706 and having a fire-resistance rating of not less than 2 hours. Opening protectives in horizontal exit walls shall also comply with Section 715. The horizontal exit separation shall extend vertically through all levels of the building unless floor assemblies are of 2-hour fire resistance with no unprotected openings.
 - e. Horizontal exit walls constructed as fire barriers shall be continuous from exterior wall to exterior wall so as to divide completely the floor served by the horizontal exit.

- f. Opening protectives: Fire doors in horizontal exits shall be self-closing or automatic-closing when activated by a smoke detector installed in accordance with Section 907.10. Opening protectives in horizontal exits shall be consistent with the fire-resistance rating of the wall. Such doors where located in a cross-corridor condition shall be automatic-closing by activation of a smoke detector installed in accordance with Section 907.10.
 - g. Capacity of refuge area: The refuge area of a horizontal exit shall be spaces occupied by the same tenant or public areas and each such area of refuge shall be adequate to house the original occupant load of the refuge space plus the occupant load anticipated from the adjoining compartment. The anticipated occupant load from the adjoining compartment shall be based on the capacity of the horizontal exit doors entering the area of refuge. The capacity of areas of refuge shall be computed on a net floor area allowance of 3 square feet (0.2787 m²) for each occupant to be accommodated therein, not including areas of stairways, elevators and other shafts or courts.
15. Exit Discharge: Section 1023
- a. Exits shall discharge directly to the exterior of the building. The exit discharge shall be at grade or shall provide direct access to grade. The exit discharge shall not reenter a building. There are exceptions but those exceptions limit the number of people to 50% of the exit capacity that can exit to another level. This means that the other 50% have to exit direct to grade or direct access to grade. Of course there are stipulations that even limit the acceptance of the exception. As an example, such an exit enclosure would egress to a free and unobstructed way to the exterior of the building which is readily visible and identifiable from the point of termination of the exit enclosure. An inclusive requirement identifies the entire level of exit discharge is separated by construction conforming to the fire-resistant rating for the exit enclosure. Additionally, the egress path from the exit enclosure is protected throughout by an approved automatic sprinkler system. All portions of the level of discharge with access to the egress path shall either be protected throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2, or separated from the egress path in accordance with the requirements for the enclosure of exits.
16. Accessibility: Section 1101
- a. Design: Buildings and facilities shall be designed and constructed to be accessible in accordance with this code and ICC/ANSI A117.1.
 - b. Where required: Buildings and structures, temporary or permanent, including their associated sites and facilities, shall be accessible to persons with physical disabilities.
 - c. Existing buildings: Existing buildings shall comply with the Existing Building Code of New York State.
 - d. Employee work areas: Spaces and elements within employee work areas shall only be required to comply with Sections 907.9.1.2, 1007 and 1104.3.1 and shall be designed and constructed so that individuals with disabilities can approach, enter and exit the work area. Work areas, or portions of work areas, that are less than 150 square feet (14 m²) in area and elevated 7 inches (178 mm) or more above the ground or finish floor where the elevation is essential to the function of the space shall be exempt from all requirements.
 - e. Equipment spaces: Spaces frequented only by personnel for maintenance, repair or monitoring of equipment are not required to be accessible. Such spaces include, but are not limited to, elevator pits, elevator penthouses, mechanical, electrical or communications equipment rooms, piping or equipment catwalks, water or sewage treatment pump rooms and stations, electric substations and transformer vaults, and highway and tunnel utility facilities.
17. Accessible Route: Section 1104
- a. Site arrival points. Accessible routes within the site shall be provided from public transportation stops, accessible parking and accessible passenger loading zones and public streets or sidewalks to the accessible building entrance served. Exception: An accessible route shall not be required between site arrival points and the building or facility entrance if the only means of access between them is a vehicular way not providing for pedestrian access.

- b. Within a site: At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements and accessible spaces that are on the same site. Exception: An accessible route is not required between accessible buildings, accessible facilities, accessible elements and accessible spaces that have, as the only means of access between them, a vehicular way not providing for pedestrian access.
 - c. Connected spaces: When a building, or portion of a building, is required to be accessible, an accessible route shall be provided to each portion of the building, to accessible building entrances connecting accessible pedestrian walkways and the public way. Where only one accessible route is provided, the accessible route shall not pass through kitchens, storage rooms, restrooms, closets or similar spaces.
 - d. Employee work areas. Common use circulation paths within employee work areas shall be accessible routes.
 - e. Common use circulation paths, located within employee work areas that are less than 300 square feet (27.9 m²) in size and defined by permanently installed partitions, counters, casework or furnishings, shall not be required to be accessible routes.
 - f. Public entrances: In addition to accessible entrances required by Sections 1105.1.1 through 1105.1.6, at least 50 percent of all public entrances shall be accessible.
18. Structural Tests and Special Inspections: Section 1701: The provisions of this chapter shall govern the quality, workmanship and requirements for materials covered. Materials of construction and tests shall conform to the applicable standards listed in this code.
- a. An approved agency shall provide all information as necessary for the code enforcement official to determine that the agency meets the applicable requirements. Independent: An approved agency shall be objective and competent. The agency shall also disclose possible conflicts of interest so that objectivity can be confirmed. Equipment: An approved agency shall have adequate equipment to perform required tests. The equipment shall be periodically calibrated. Personnel: An approved agency shall employ experienced personnel educated in conducting, supervising and evaluating tests and/or inspections.
 - b. Written approval: Any material, appliance, equipment, system or method of construction meeting the requirements of this code shall be approved in writing after satisfactory completion of the required tests and submission of required test reports.
 - c. Approved record: For any material, appliance, equipment, system or method of construction that has been approved, a record of such approval, including the conditions and limitations of the approval, shall be kept on file in the code enforcement official's office and shall be open to public inspection at appropriate times.
 - d. Performance: Specific information consisting of test reports conducted by an approved testing agency in accordance with standards referenced in Chapter 35, or other such information as necessary, shall be provided for the code enforcement official to determine that the material meets the applicable code requirements.
 - e. Research and investigation: Sufficient technical data shall be submitted to the code enforcement official to substantiate the proposed use of any material or assembly. If it is determined that the evidence submitted is satisfactory proof of performance for the use intended, the code enforcement official shall approve the use of the material or assembly subject to the requirements of this code. The cost offsets, reports and investigations required under these provisions shall be paid by the permit applicant.
 - f. Research reports: Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from approved sources.
 - g. Labeling: Where materials or assemblies are required by this code to be labeled, such materials and assemblies shall be labeled by an approved agency in accordance with Section 1703. Products and materials required to be labeled shall be labeled in accordance with the procedures set forth in Sections 1703.5.1 through 1703.5.3.
 - h. Inspection and identification: The approved agency shall periodically perform an inspection, which shall be in-plant if necessary, of the product or material that is to be labeled. The inspection shall verify that the labeled product or material is representative of the product or material tested.

4. Program

4. Program



PROGRAM

Introduction

The development of the proposed program for the Campus Center was a collaborative process that involved multiple tasks. The planning team toured the existing facility, met with a variety of user groups, and observed various operations first hand. We examined benchmark programs at peer institutions to provide comparative data on similar student center facilities. We facilitated a series of working meetings with the Steering Committee and the Space Planning Committee to review programmatic objectives and options. Out of these tasks, the following goals and program components were identified for the project:



Georgia Institute of Technology - Live Student Performance

Program Goals	Program Components
<ul style="list-style-type: none"> Enhance the student life experience 	<ul style="list-style-type: none"> Comprehensive program
<ul style="list-style-type: none"> Create a focal point for student leadership and engagement 	<ul style="list-style-type: none"> New suites for Student Association, Organizations, Student Activities and other student life groups
<ul style="list-style-type: none"> Enhance the Center as a place for food, fun, & entertainment 	<ul style="list-style-type: none"> New dining options, game room and multipurpose auditorium
<ul style="list-style-type: none"> Create out-of-the-classroom learning & collaboration opportunities 	<ul style="list-style-type: none"> New study lounges, information commons and Learning Garden
<ul style="list-style-type: none"> Promote personal wellness and fitness 	<ul style="list-style-type: none"> New health / wellness / fitness center
<ul style="list-style-type: none"> Expand recreation activities 	<ul style="list-style-type: none"> New game room and aerobics / dance studio
<ul style="list-style-type: none"> Allow for late night programming 	<ul style="list-style-type: none"> New game room and dining options
<ul style="list-style-type: none"> Plan the Center to promote recruitment and retention 	<ul style="list-style-type: none"> Comprehensive program
<ul style="list-style-type: none"> Provide for future flexibility and growth 	<ul style="list-style-type: none"> Comprehensive program

The following programmatic information is included in this section of the report:

Program Summary – A summary of the proposed program

Programmatic Diagrams – A graphic representation of a preferred arrangement for (1) student organizations and (2) various other student life groups

Program Data Sheets – A detailed set of requirements for each program component listed in the program summary

Cost Comparison Analysis – A comparison of program components from similar student centers at peer institutions that was used to initially determine a programmatic direction for the project



University of Akron - Dining and Study Patio

Program Summary

	Existing Program	Target Program	Proposed Option G.2	Remarks
Group 1: Food Service				
1.11 Food Court Seating	5,000	3,000	3,000	
1.12 New Learning Garden Seating Area		2,000	2,500	
1.13 Food Court Outlets				
Olo Sushi	195	0	0	
Zepp's Soups & Salads	1,133	500	500	Proposed new outlet
Au Bon Pan	809	500	500	Proposed new outlet
Outtakes Express / Bagel Express	472	300	300	Proposed new outlet
Freshens	160	0	0	
Sbarro	990	990	990	
Corner Café	1,586	1,586	1,586	
1.21 Wendy's Dining	4,247	4,250	4,250	
1.22 Wendy's Servery	1,396	1,396	1,396	
Existing Campus Commons Serving Area	1,251			
Existing Campus Commons Seating Area	5,000			
1.31 New Serving Area (in place of Commons Servery)		500	300	Proposed new outlet
1.32 New Dining Area (in place of Commons Seating)		4,000	4,000	
1.33 Dreidel's Kosher Café	518	0	0	
1.34 Main Kitchen				
Food Production	2,390	2,200	2,200	
Sanitation	952	700	700	
Storage	1,521	2,100	2,400	
Offices	1,150	1,500	1,500	
Support	1,980	1,300	1,500	
1.41 Specialty Dining				New dining concept to replace the Patroon Room
Seating Area	2,600	1,800	1,800	
Private Dining	380	400	400	
Serving Area	400	400	400	
Prep / Storage	1,380	550	550	
New Coffee Bar	0	400	400	
1.51 Food Service Support / Offices				
-Catering Office	380	500	500	
-Office	87	120	120	
-Storage #223	87	0	0	
-Storage #220, 220A, 221, 225	313	600	600	
-Offices #054, 055	604	600	600	
Total Group 1: Food Service	36,981	32,192	32,992	
Group 2: Large Event Space				
2.1 Ballroom #202	7,140	7,140	7,140	
2.2 Prefunction	500	1,500	1,000	
2.3 Storage #210 / A/V Support	272	1,000	800	
2.4 Catering Pantry	---	550	600	
Total Group 2: Large Event Space	7,912	10,190	9,540	
Group 3: Conference / Meeting Rooms				
Assembly Hall #212	2,572			
Large Mtg Rm #375	1,942			
Small Meeting Rm #363, 364, 365	374			
Small Meeting Rm #366, 367, 368	374			
Small Meeting Rm #369, 370, 371	374			
Terrace Lounge #165A	860			
3.1 Assembly Hall #212		2,572	2,572	
3.2 Large Meeting Rooms		1,800	1,600	Two rooms that seat 40 - 50 persons
3.3 Medium Meeting Rooms		1,800	1,700	Three rooms that seat 16 - 24 persons
3.4 Small Meeting Rooms		600	1,000	Two rooms that seat 8 - 18 persons
3.5 Conference / Storage / Support		500	500	
3.6 Dance / Multi-purpose Room		2,000	1,800	
Total Group 3: Conf. / Meeting	6,496	9,272	9,172	

	Existing Program	Target Program	Proposed Option G.2	Remarks
Group 4: Bookstore				
4.1 Bookstore	11,645	19,000	17,800	
4.2 Bookstore Support / Storage #061	2,451	3,600	4,000	
Bookstore Support / Storage #043	380			
Bookstore Support / Storage #044	768			
Total Group 4: Bookstore	15,244	22,600	21,800	
Group 5: Retail Services				
5.1 Credit Union	465	465	465	
5.2 ATM room	200	200	200	
5.3 Convenience Store #078, 078A	2,678	2,700	2,700	
5.4 Storage #079	428	450	450	
5.5 Retail Concept "A"	0	700	400	
5.6 Retail Concept "B"	0	500	400	
5.7 Retail Concept "C"	0	500	0	
5.8 SUNY Card #052	1,591	1,600	1,600	
Copies Plus #111A	450	0	0	
Copies Plus Manager Office #111	320	0	0	
Total Group 5: Retail Services	6,132	7,115	6,215	
Group 6: Multipurpose Auditorium				
6.1 Multipurpose Auditorium	0	7,000	5,400	Tiered fixed seating for 250-450 persons
6.2 Prefunction	0	1,000	1,000	
6.3 Modest Back Of-House / Support Space	0	1,000	800	
Total Group 6: Multipurpose Auditorium	0	9,000	7,200	
Group 7: Game Room				
7.1 Games / Billiards / Table Tennis	758	1,300	1,400	
7.2 Interactive Gaming		800	800	
7.3 Storage		100	100	
Total Group 7: Game Room	758	2,200	2,300	
Group 8: Lounge Space				
Commuter Lounge #138	1,567			
Lounge #103	3,577			
West Lounge #110	2,058			
Lounge #060	3,700			
Fireside Lounge #211	1,960			
8.1 Lobby Lounge		2,000	1,200	
8.2 Learning Garden Lounge Area		4,000	5,000	
8.3 Pocket Lounges		1,500	1,500	
8.4 Student Leader Lounge		1,000	1,000	
8.5 Commuter Lounge		2,000	2,000	
8.6 Misc. Lounges		2,000	3,000	
Total Group 8: Lounge Space	12,862	12,500	13,700	
Group 9: Academic Related				
9.1 Information Kiosks	0	200	200	
9.2 Information Commons	0	1,800	1,800	
9.3 Information Commons - Group Study Rms	0	1,000	1,000	
Total Group 9: Academic Related	0	3,000	3,000	

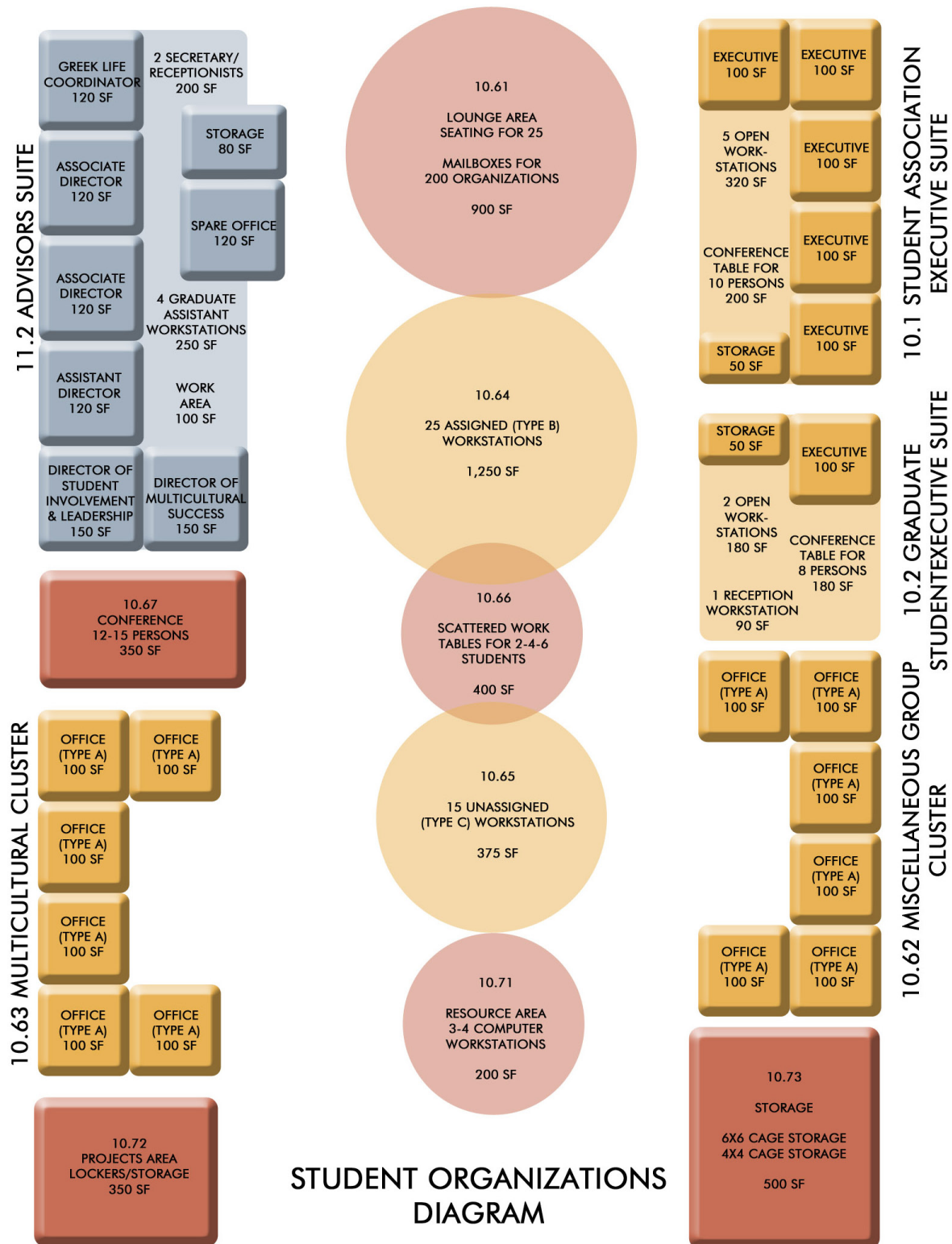
	Existing Program	Target Program	Proposed Option G.2	Remarks
Group 10: Student Organizations				
Existing Student Association Executive Suite				
Common Space / Meeting area #116	888			
SA Storage #114	128			
SA President #116B	130			
SA Vice President #116C	122			
SA Controller #116D	82			
SA Supreme Court #116E	91			
Gender / Sexuality / Multicultural #116F	147			
SA Legal Services #116G	90			
SA Legal Services #116H	206			
SA AlbanyTV / Athletics #116K	161			
SA Executive Staff #116L	119			
SA Senate #116M	195			
SA Programming / Marketing #116N	141			
SA Operations #116P	122			
10.1 Proposed Student Association Executive Suite				
Executive Offices		500	500	5 offices @ 100 sf each
Open Workstations		320	320	5 workstations @ 64 sf each
Conference Area		200	200	seating for 10 persons
Storage		50	50	
Existing Graduate Student Office #165B	577			
10.2 Proposed Graduate Student Org. Exec. Suite				
Executive Office		100	100	
Reception Workstation		90	90	
Open Workstations		180	180	2 workstations @ 90 sf each
Conference Area		180	180	seating for 8 people
Storage		50	50	
10.3 Radio Station				
Record Library #315A	132	132	132	
Radio #315B	90	90	90	
Radio #315C	121	121	121	
Radio #315D	295	295	295	
Radio #315E	134	134	134	
Radio #315F	18	18	18	
Radio #315G	110	110	110	
Radio #315H	58	58	58	
Radio #316A	91	91	91	
Radio #316B	91	91	91	
Circulation #315, 316	387	387	387	
10.4 Student Newspaper				
Newspaper #328, 329, 330	370	370	370	
Newspaper Office #331	92	120	120	
Newspaper Office #332	188	150	150	
10.5 Yearbook				
Yearbook Offices #305	516	150	150	
Finishing Room #301, 302, 303	185			
Dark Room #304	146			
Storage		50	50	
Existing (General) Student Organizations				
Pride Alliance #333	187			
Hillel #335	90			
Conf Room #334	187			
Tagar #337	90			
NYPIRG #325, 326, 327	370			
Stud. Org. Misc Offices #308	456			
Stud. Org. Misc Offices #322, 323, 324	370			
Stud. Org. Misc Offices #319, 320, 320A, 321	370			
Stud. Org. Misc Offices #343/346	479			
NAACP #344	109			
Muslim #345	109			
Stud. Org. Misc Offices #382	472			
Latin #349	152			
Gospel #348	90			
Pan Caribbean #347	90			
Storage #307	378			

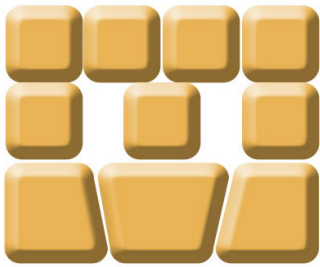
	Existing Program	Target Program	Proposed Option G.2	Remarks
10.6 Proposed (General) Student Organizations				
10.61 Lounge Area / Mailboxes		900	900	
10.62 Miscellaneous Groups Office 'A' Cluster		600	600	6 offices @ 100 sf each
10.63 Multicultural Groups Office 'A' Cluster		600	600	6 offices @ 100 sf each
10.64 Assigned 'B' Workstations		1,250	1,250	25 workstations @ 6'x6' each
10.65 Unassigned 'C' Workstations		375	375	15 workstations @ 5'x2' each
10.66 Open Work Areas		400	400	
10.67 General Use Conference Room		350	350	seating for 12 - 15 persons
10.68 General Use Meeting Room		800	800	seating for 30 - 50 persons
10.7 Shared Resources				
10.71 Resource Area		200	200	3 - 4 computer workstations
10.72 Projects / Work Room		350	350	
10.73 Storage Area		500	500	
Total Group 10: Student Organizations	10,222	10,362	10,362	
Group 11: Administration				
Existing Campus Center Management Suite				
Reception #137				
Director Office #137D	183			
Staff Offices #137E	90			
11.1 Proposed Info / Building Management Office				
Union Director's Office		150	150	
Building Manager's Office		120	120	
Reservations		180	180	2 workstations
Information Desk / Reception / Waiting Area		300	300	
Storage Room		80	80	
A/V Storage Level 1		150	250	Storage for AV equipment on levels 1 & 2
A/V Storage Level 2		100		
Existing Student Activities Suite				
Reception Area #128	180			
Open Office #130	568			
Office #129	90			
Office #136	185			
Office #135	115			
Office #131A	183			
Office #131	185			
Office #134	185			
Office #134A	182			
Office #132	85			
Office #133	85			
11.2 Proposed Student Activities Advisor's Suite				
Reception / Waiting Area		200	200	
Open Office - 4 Grad. Assistant Workstations		250	250	
Work Area		100	100	
Director of Student Involvement & Leadership		150	150	
Director of Multicultural Success		150	150	
Associate Director		120	120	
Associate Director		120	120	
Assistant Director		120	120	
Greek Life Coordinator		120	120	
Spare Office		120	120	
Storage		80	80	
11.3 Conflict Resolution Suite				
Reception Area	370	350	350	
Director's Office	180	150	150	
Associate Director's Office	182	120	120	
Assistant Director's Office	87	120	120	
Conference / Hearing Room	182	250	250	
Confidential File / Storage Room		120	120	

	Existing Program	Target Program	Proposed Option G.2	Remarks
11.4 Disability Services Suite				
Reception	380	300	300	
Office #137C	187			
Office #137B	167			
Office #137A	109			
Director's Office		165	165	
Asst. Director's Office		135	135	
(2) Other Offices		240	240	2 offices @ 120 sf each
Testing Room #110A	184	200	200	With 8 person table
Testing Room #110B	91	100	100	With 4 person table
(3) Individual Testing Rooms		240	240	3 rooms @ 80 sf each
Wheelchair / Scooter Storage Room	0	200	200	
11.5 Don't Walk Alone #115	82	120	120	
11.6 University Auxiliary Services (UAS)	600	3,000	3,000	
Total Group 11: Administration	5,117	8,420	8,420	
Group 12: Student Services				
12.1 Registrar Offices #025, 025A-K				
Waiting	346	0	0	Group12 Student Services are to be relocated to other campus location(s) in Option G.2
Director Office	175	0	0	
Secretary	80	0	0	
Program Aid	101	0	0	
(2) Assoc. Reg. Office	101	0	0	
(3) Assistant Reg. Office	303	0	0	
Open Office	2,074	0	0	
Transcript Room	57	0	0	
Transcript Room	37	0	0	
Secure Storage	51	0	0	
12.2 Student Accounts #026, 026A-P				
Director	176	0	0	Group12 Student Services are to be relocated to other campus location(s) in Option G.2
Secy		0	0	
Business Analyst	72	0	0	
Assoc. Director	112	0	0	
(3) Assist. Director	336	0	0	
Bursar	96	0	0	
Open Office	1,734	0	0	
Waiting	740	0	0	
Storage #026K	164	0	0	
Equip. #026I	117	0	0	
Conference #026H	125	0	0	
Billing #026E (Storage / Work Room)	859	0	0	
12.3 Student Services Center #026A,B,P				Group12 Student Services are to be relocated to other campus location(s) in Option G.2
Director		0	0	
Assist. Director		0	0	
(5) Senior Staff Assistants		0	0	
(3) Clerks		0	0	
Bursar's Teller Area #026C	582	0	0	
Bursar's Open Office #026B	773	0	0	
Vault #026P	35	0	0	
12.4 Financial Aid #052				
Fin Aid Storage #052	860	0	0	Group12 Student Services are to be relocated to other campus location(s) in Option G.2
Director Office #052A	205	0	0	
Open Office Area	2,100	0	0	
Total Group 12: Student Services	12,411	0	0	

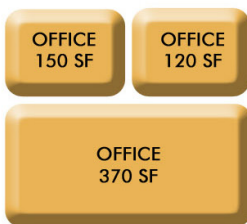
	Existing Program	Target Program	Proposed Option G.2	Remarks
Group 13: Wellness / Health / Fitness Center				
13.1 Wellness / Health / Fitness Center			17,000	
Control Desk / Staff Area		1,000		
Locker Rooms - showers, support		3,000		
Fitness Equipment Area		10,000		
Dance / Aerobic Studio		3,000		
13.2 Intramurals			500	
Director Office		180		
Workstations (2)		160		
Storage		200		
Waiting		0		
13.3 Middle Earth Peer Counseling			1,900	
Director Office		200		
Hotline Room		350		
Training Room		300		
Office		160		
Office		160		
Office		160		
Office		160		
Storage		220		
Storage		110		
Storage		110		
13.4 SHAPE			450	
Director Office		150		
Open Office		300		
13.5 Sexual Assault Research Center		150	150	
Total Group 13: Wellness / Health / Fitness Ctr	0	20,070	20,000	
Group 14: Special / Miscellaneous				
14.1 Meditation Room		300	300	
14.2 Lab Space	833	833	833	
14.3 Receiving		1,500	1,500	
14.4 Loading Dock		1,500	1,500	
14.5 General Storage		1,000	3,200	
14.6 Future		3,000	3,000	
Total Group 14: Special / Misc.	833	8,133	10,333	
Total Assignable Square Feet (ASF)	114,968	155,054	155,034	
Non AssignableSF - Factor for new GSF	61,532	85,280	85,269	
Efficiency Factor = Total ASF / Total GSF	65.14%	64.52%	64.52%	
Total Gross Square Feet (GSF)	176,500	240,334	240,303	

Programmatic Diagrams





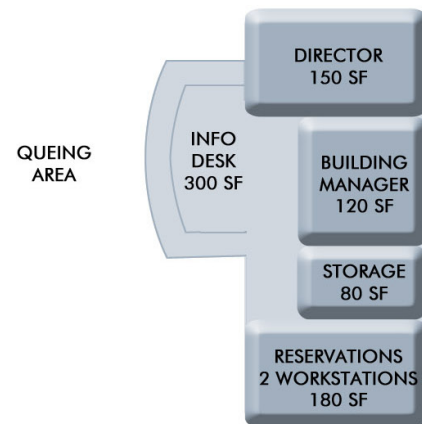
10.3 RADIO STATION



10.4 STUDENT NEWSPAPER



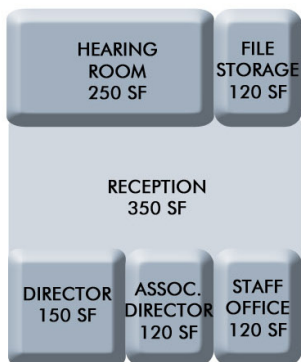
10.5 YEARBOOK



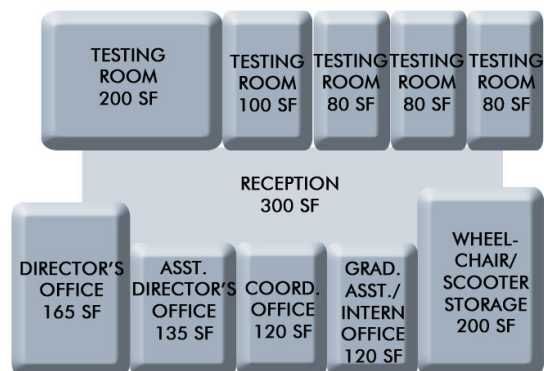
INFO/BUILDING
MANAGEMENT OFFICE



11.5 DON'T WALK ALONE



11.3 CONFLICT RESOLUTION



11.4 DISABILITY SERVICES

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 1.11

Room Name: Food Court Seating

Program Requirements Submitted by: J. Eric Smith Title: _____

Purpose or Use: General dining facility

Occupancy: _____

Outline Description

Proposed ASF*

A. Food Court Seating to include:

- Dining Tables - a variety of sizes
- Booths / Bistro tables
- Dining Chairs & Stools
- Trash receptacles for recycling - built-in near columns
- Renovations could effect egress and seating capacity
If non-traditional student increased enrollment, will need additional seating

3,000

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input checked="" type="checkbox"/> Other:	<u>Ceramic tile or other hard surface flooring</u>
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input checked="" type="checkbox"/> Other:	<u>Accent walls with feature materials</u>
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other:	_____
HVAC Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Food Service grade</u>	
Lighting Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Enhanced dimmable lighting (not fluorescent)</u>	
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Need additional power laptops</u>	

Equipment Requirements: (identify quantity, location & comments for each item)	<input checked="" type="checkbox"/> Telephone:	<u>Emergency phones</u>	<input type="checkbox"/> Computer:	_____
	<input type="checkbox"/> Fax:	_____	<input type="checkbox"/> Printer:	_____
	<input type="checkbox"/> Copier:	_____	<input type="checkbox"/> Other:	_____

Special Requirements:

Computer ports throughout (or wireless) ?

Several TV monitors (flat screens)

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Food Court Outlets, Public Facilities

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 1.12

Room Name: New Learning Garden Seating Area

Program Requirements Submitted by: J. Eric Smith Title: _____

Purpose or Use: General dining facility

Occupancy: _____

Outline Description

Proposed ASF*

A. The New Learning Garden Seating Area to include:

- Dining Tables - a variety of sizes
- Booths / Bistro tables
- Dining Chairs & Stools
- Trash receptacles for recycling - built-in near columns
- Renovations could effect egress and seating capacity
If non-traditional student increased enrollment, will need additional seating

2,000

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input checked="" type="checkbox"/> Other: <u>Ceramic tile or other hard surface flooring</u>
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input checked="" type="checkbox"/> Other: <u>Accent walls with feature materials</u>
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Food Service grade</u>
Lighting Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Enhanced dimmable lighting (not fluorescent)</u>
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Need additional power laptops</u>

Equipment Requirements:	<input checked="" type="checkbox"/> Telephone: <u>Emergency phones</u>	<input type="checkbox"/> Computer: _____
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____

Special Requirements:

Computer ports throughout (or wireless) ?

Several TV monitors (flat screens)

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Food Court Outlets, Public Facilities

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 1.13Room Name: Food Court OutletsProgram Requirements Submitted by: J. Eric Smith Title: _____Purpose or Use: To provide cash sales food services to the Campus Center

Occupancy: _____

Outline DescriptionProposed ASF*

A. Food Court Outlets to include:

• Olo Sushi	0
• Zepp's Soups & Salads	500
• Au Bon Pain	500
• Outtakes Express / Bagel Express	300
• Freshens	0
• Sbarro	990
• Corner Café	1,586
Seating area @ 886 sf	
Serving area @ 380 sf	
Storage / Support @ 320 sf	
	<u>3876</u>

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes:	<input type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input checked="" type="checkbox"/> Other:	<u>Ceramic tile or other hard surface flooring</u>
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input checked="" type="checkbox"/> Other:	<u>Ceramic tile or stainless steel</u>
Suggested Ceiling Finishes:	<input type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> Other:	<u>Lay-in, Food Service grade</u>
HVAC Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:		<u>Food Service grade</u>
Lighting Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:		<u>70 foot candles</u>
Power Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:		<u>Food Service level</u>

Equipment Requirements:	<input checked="" type="checkbox"/> Telephone:	<input checked="" type="checkbox"/> Computer:	<u>POS at cashier stations</u>
(identify quantity, location &	<input type="checkbox"/> Fax:	<input checked="" type="checkbox"/> Printer:	
comments for each item)	<input type="checkbox"/> Copier:	<input type="checkbox"/> Other:	

Special Requirements:	<u>High visibility zone</u>
	<u>Negative air pressure</u>
	<u>Display signage</u>
	<u>Security between outlets and dining area</u>
	<u>HVAC - Ducts for cooking (i.e. fryers, ovens)</u>
	<u>HVAC enhancements at each sub shop area</u>
	<u>Remove hot water tanks in venues and connect to campus facility supply</u>
	<u>Expand gas to other venues</u>
	<u>Access to loading dock</u>

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Food Court Seating, Main Kitchen, Food Service Support / Offices

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 1.21

Room Name: Wendy's Dining

Program Requirements Submitted by: J. Eric Smith Title: _____

Purpose or Use: a seated dining area for the Wendy's food service operation

Occupancy: _____

Outline Description

Proposed ASF*

A. Wendy's Dining to include:

- Dining Tables - a variety of sizes
- Dining Chairs
- Booths
- Recycling Trash receptacles - built-in

4,250

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input checked="" type="checkbox"/> Other: <u>Ceramic tile or other hard surface flooring</u>
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input checked="" type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other: <u>Food Service grade</u>	
Lighting Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other: <u>Enhanced dimmable lighting (not fluorescent)</u>	
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	

Equipment Requirements: (identify quantity, location & comments for each item)	<input checked="" type="checkbox"/> Telephone: <u>Emergency phones</u>	<input type="checkbox"/> Computer: _____
	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____

Special Requirements:

TV monitor

Computer ports / wireless

Connect seating area with food court

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 1.22

Room Name: Wendy's Servery

Program Requirements Submitted by: J. Eric Smith Title: _____

Purpose or Use: _____

Occupancy: _____

Outline Description

Proposed ASF*

A. Wendy's Servery to include:

- | | |
|---------------------|-----|
| • Serving Area | 571 |
| • Kitchen | 550 |
| • Storage / Support | 275 |

Note: Wendy's prep area, office and storage (cold and dry) are separate from Main Kitchen

1,396

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes:	<input type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input checked="" type="checkbox"/> Other: <u>Ceramic tile</u>
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input checked="" type="checkbox"/> Other: <u>Ceramic tile and stainless steel</u>
Suggested Ceiling Finishes:	<input type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> Other: <u>Lay-in, Food Service grade</u>
HVAC Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Food Service grade</u>
Lighting Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>70 foot candles</u>
Power Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Food Service level</u>

Equipment Requirements:	<input type="checkbox"/> Telephone: _____	<input checked="" type="checkbox"/> Computer: <u>POS at cashier stations</u>
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____

Special Requirements:

<u>High visibility zone</u>
<u>Negative air pressure</u>
<u>Display signage</u>
<u>Security between servery and dining area</u>
<u>Need access to loading dock</u>
<u>Current storage is not adequate for delivery and storage (bread racks are stored in seating area)</u>
<u>Provide internal grease removal system and access</u>

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Wendy's Dining, Public Facilities

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 1.31

Room Name: New Serving Area

Program Requirements Submitted by: J. Eric Smith Title: _____

Purpose or Use: _____

Occupancy: _____

Outline Description

Proposed ASF*

A. Seating to include:

- Dining Tables / Booths with Round Tables / Bistro / 4' x 4' Square Tables
- Dining Chairs & Stools
- Booths
- Recycling Trash Receptacles - built-in
- Built-in Counters for beverage and condiments
- Flexibility for soft seating options

500

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input checked="" type="checkbox"/> Other:	<u>Ceramic tile or other hard surface flooring</u>
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input checked="" type="checkbox"/> Other:	<u>Accent walls with feature materials</u>
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> Other:	<u>Lay-in, Food Service grade</u>
HVAC Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Food Service grade</u>	
Lighting Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Enhanced dimmable lighting (not fluorescent)</u>	
Power Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>power for laptop computers and serving kiosks</u>	

Equipment Requirements:	<input checked="" type="checkbox"/> Telephone:	<u>Emergency phones</u>	<input type="checkbox"/> Computer:	_____
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax:	_____	<input type="checkbox"/> Printer:	_____
	<input type="checkbox"/> Copier:	_____	<input checked="" type="checkbox"/> Other:	_____

Special Requirements:

(2) TV's and monitors

Computer hook up / wireless

Improve access to B.S. ? and food ?

Maintain dish return area with some type of covering when not in use

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

New Dining Concept "B"; Public Facilities

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 1.32

Room Name: New Dining Area

Program Requirements Submitted by: J. Eric Smith Title: _____

Purpose or Use: _____

Occupancy: _____

Outline Description

Proposed ASF*

A. Seating to include:

- Dining Tables
- Dining Chairs
- Trash Receptacles - built-in or freestanding?

4,000

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes:	<input type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input checked="" type="checkbox"/> Other: <u>Ceramic tile or other hard surface flooring</u>
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input checked="" type="checkbox"/> Other: <u>Accent walls with feature materials</u>
Suggested Ceiling Finishes:	<input type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> Other: <u>Lay-in, Food Service grade</u>
HVAC Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Food Service grade</u>
Lighting Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Enhanced dimmable lighting (not fluorescent)</u>
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other:	_____

Equipment Requirements:	<input type="checkbox"/> Telephone:	<input type="checkbox"/> Computer:
(identify quantity, location &	<input type="checkbox"/> Fax:	<input type="checkbox"/> Printer:
comments for each item)	<input type="checkbox"/> Copier:	<input checked="" type="checkbox"/> Other:

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

New Dining Concept "A"; Public Facilities

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 1.33

Room Name: Dreidel's Kosher Café

Program Requirements Submitted by: J. Eric Smith Title: _____

Purpose or Use: _____

Occupancy: _____

Outline Description

Proposed ASF*

A. Dreidel's Kosher Café to include:

- Cafe Tables - dining height and bar height
- Dining Chairs & Stools
- Trash Receptacles - built-in or freestanding?
- Lounge furniture?
- Cashier station(s)

0

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes:	<input type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input checked="" type="checkbox"/> Other:	<u>Ceramic tile or other hard surface flooring</u>
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input checked="" type="checkbox"/> Other:	<u>Accent walls with feature materials</u>
Suggested Ceiling Finishes:	<input type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> Other:	<u>Lay-in, Food Service grade</u>
HVAC Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Food Service grade</u>	
Lighting Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Enhanced dimmable lighting (not fluorescent)</u>	
Power Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Food Service level</u>	

Equipment Requirements:	<input type="checkbox"/> Telephone:	<input checked="" type="checkbox"/> Computer:	<u>POS at cashier stations</u>
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax:	<input type="checkbox"/> Printer:	_____
	<input type="checkbox"/> Copier:	<input type="checkbox"/> Other:	_____

Special Requirements:

<u>High visibility zone</u>
<u>Negative air pressure</u>
<u>Display signage</u>
<u>Security?</u>
<u>Computer ports throughout (or wireless)</u>

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Public Facilities

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 1.34Room Name: Main KitchenProgram Requirements Submitted by: J. Eric Smith Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. Main Kitchen to include:

• Food Production:

Salads / Cold Food Production	800
Hot Food Production	800
Catering Production / Staging	600

• Sanitation:

Pot Washing	200
Dish Washing	400
Can Wash	0
Janitor Closet / Cleaning Supplies	100

• Storage:

Dry Storage	500
Catering Storage	400
Paper Storage	200
Walk-in Refrigerators	600
Walk-in Freezer	400

• Offices:

Chartwells' General Offices	600
Relocate Catering Offices	400
Kitchen Offices	500
Food Shop Office	0

• Support:

Staging	400
Trash / Recycling	400
Receiving	500

7,800**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input checked="" type="checkbox"/> Other: <u>Quarry tile or monolithic flooring</u>
Suggested Wall Finishes:	<input type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input checked="" type="checkbox"/> Other: <u>Ceramic tile or FRP</u>
Suggested Ceiling Finishes:	<input type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> Other: <u>Lay-in, Food Service grade</u>
HVAC Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Food Service grade</u>
Lighting Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>70 foot candles</u>
Power Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Food Service level</u>

Equipment Requirements:	<input checked="" type="checkbox"/> Telephone: _____	<input type="checkbox"/> Computer: <u>in kitchen</u>
(identify quantity, location & comments for each item)	<input checked="" type="checkbox"/> Fax: _____	<input checked="" type="checkbox"/> Printer: _____
	<input checked="" type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____

Special Requirements: Training space with TV monitor.

In order to maintain current square footage and increase customer service, the entire area

needs to be renovated (plumbing, HVAC, electrical, gas, steam, equipment upgrades, and

new floor plans)

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Main Kitchen - Support / Offices, Food Court Outlets

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 1.41

Room Name: Specialty Dining

Program Requirements Submitted by: J. Eric Smith Title: _____

Purpose or Use: _____

Occupancy: _____

Outline Description

Proposed ASF*

A. New Dining Concept to include:

• Seating Area - seating for 100	1,800
• Private Dining - seating for 20-25	400
• Serving Area	400
• Prep / Storage - supported by Main Kitchen	550
• New Coffee Bar - with bar area and soft seating for 10	400
	<u>3,550</u>

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input checked="" type="checkbox"/> Other: <u>Hard surface flooring</u>
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input checked="" type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Lighting Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other: <u>Enhanced dimmable lighting (not fluorescent)</u>	
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other: <u>Extra for buffet, demonstration cooking & laptops</u>	

Equipment Requirements:	<input checked="" type="checkbox"/> Telephone: _____	<input checked="" type="checkbox"/> Computer: _____
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____

Special Requirements:

Computer ports (or wireless) - need electrical

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Private Dining Room, Staging / Kitchen, Public Facilities

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 1.51

Room Name: Food Service Support / Offices

Program Requirements Submitted by: J. Eric Smith Title: _____

Purpose or Use: _____

Occupancy: _____

Outline Description

Proposed ASF*

A. Food Service Support / Offices to include:

• Catering Office	500
• Office	120
• Storage #223	0
• Storage #220, 220A, 221, 225	600
• Offices #054, 055	600
	<hr/>
	1,820

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input checked="" type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other:	<u>Carpet in offices; VCT in storage</u>
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other:	_____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other:	_____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other:	_____	
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other:	_____	
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other:	_____	

Equipment Requirements:	<input checked="" type="checkbox"/> Telephone:	<u>in offices</u>	<input checked="" type="checkbox"/> Computer:	<u>in offices</u>
(identify quantity, location & comments for each item)	<input checked="" type="checkbox"/> Fax:	_____	<input type="checkbox"/> Printer:	_____
	<input checked="" type="checkbox"/> Copier:	_____	<input type="checkbox"/> Other:	_____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 2.1Room Name: Ballroom #202Program Requirements Submitted by: John Murphy Title: _____Purpose or Use: Large events, performances, banquets, etc.Occupancy: Banquets of up to ? Persons, lecture / performance up to ? Persons**Outline Description**Proposed ASF*

A. Ballroom #202 to include:

- Banquet events (banquet tables and chairs) for ? Persons
- Lecture / performance events (seating) for ? Persons
- Portable stage equipment including steps and risers for a 20' x 40' ? stage - fixed stage at one end
- Divisible with movable walls into two or three? smaller rooms with separate HVAC and lighting control for each
- Two or three? motorized projection screens - ceiling mounted video projection in each ballroom area
- Programmable general lighting and performance lighting
- Built-in sound system with microphone wall jacks at perimeter
- Podium with PowerPoint / PC capability (portable) with ports at several locations
- Wall sconce type accent lighting

7,140**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other:	_____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input checked="" type="checkbox"/> Wallcovering	<input type="checkbox"/> Other:	<u>Wood trim, chair rail and base</u>
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Other:	<u>Painted bulkheads</u>
HVAC Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Zoned for multiple use</u>	
Lighting Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Programmable for general and performance use</u>	
Power Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Extensive coverage for exhibitions / conferences</u>	
Equipment Requirements:	<input type="checkbox"/> Telephone:	<input type="checkbox"/> Computer:		_____
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax:	<input type="checkbox"/> Printer:		_____
	<input type="checkbox"/> Copier:	<input type="checkbox"/> Other:		_____

Special Requirements: Extensive duplex outlets for exhibitions and conferences; 400 amp disconnect service for touring bands / performances; phone and data outlets at perimeter walls

Separate direct load in for events

High quality lighting to include wall sconces

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Public Facilities

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 2.2Room Name: PrefunctionProgram Requirements Submitted by: John Murphy Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. Prefunction area to include:

- Lounge seating
- Portable registration table

1,500**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☒ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Ballroom, Public Facilities

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 2.3Room Name: Storage #210 / A/V SupportProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: Storage of tables, chairs, stage components, and miscellaneous equipmentOccupancy: Storage only**Outline Description**Proposed ASF*

A. Storage and A/V Support area to include:

- Storage for tables, chairs & miscellaneous equipment items required for the Ballroom
- Performance lighting truss with supports and lighting instruments
- Portable speakers, microphones, cables, etc.
- Miscellaneous A/V accessories

1,000**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input type="checkbox"/> Carpet	<input checked="" type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input checked="" type="checkbox"/> Other: <u>Painted fiber board</u>
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Equipment Requirements:	<input type="checkbox"/> Telephone: _____	<input type="checkbox"/> Computer: _____	
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____	
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____	

Special Requirements: Shelving on one wall of storage area; multiple entry points

Provide a small work bench in this room?

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Ballroom

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 2.4Room Name: Catering PantryProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: Catering pantry to service the BallroomOccupancy: Food service staff - up to 8 persons?**Outline Description**Proposed ASF*

A. Catering Pantry to include:

- Banquet cart parking
- Plating
- Hot holding
- Cold holding
- Beverage
- Ice production

550**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input checked="" type="checkbox"/> Other:	<u>Quarry tile or monolithic flooring</u>
Suggested Wall Finishes:	<input type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input checked="" type="checkbox"/> Other:	<u>Ceramic tile</u>
Suggested Ceiling Finishes:	<input type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> Other:	<u>Accessible sanitary ceiling</u>
HVAC Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Food service grade</u>	
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other:	_____	
Power Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>For banquet food service equipment</u>	
Equipment Requirements:	<input type="checkbox"/> Telephone:	<input type="checkbox"/> Computer:		_____
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax:	<input type="checkbox"/> Printer:		_____
	<input type="checkbox"/> Copier:	<input type="checkbox"/> Other:		_____

Special Requirements: Utility services as required for food service equipment

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Ballroom and Loading Dock Elevator

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 3.1Room Name: Assembly Hall #212Program Requirements Submitted by: John Murphy Title: _____Purpose or Use: Large events, performances, banquets, conference / meeting room for extra large groupsOccupancy: 100 ? Persons**Outline Description**Proposed ASF*

A. Assembly Hall #212 to include:

- Lecture style seating for 100 persons?
- Alternative (banquet configuration) tables and chairs
- Motorized projection screen recessed at ceiling
- Podium with PowerPoint / PC capability (portable) with ports at several locations
- Alcove vestibule entrances
- Movable wall partition system to divide this room into smaller rooms?
- Portable stage?
- Programmable general lighting and performance lighting
- Built-in sound system with microphone wall jacks at perimeter
- Wall sconce type accent lighting

2,572**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input checked="" type="checkbox"/> Wallcovering	<input checked="" type="checkbox"/> Other: <u>Wood trim, chair rail and base</u>
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Zoned for multiple use</u>
Lighting Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Programmable for general and performance use</u>
Power Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Extensive coverage for exhibitions / conferences</u>

Equipment Requirements:	<input type="checkbox"/> Telephone: _____	<input type="checkbox"/> Computer: _____
(identify quantity, location &	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____
comments for each item)	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____

Special Requirements: Extensive duplex outlets for exhibitions and conferences; 400 amp disconnect service for touring bands / performances; phone and data outlets at perimeter walls

Separate direct load in for events

High quality lighting to include wall sconces

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Public Facilities

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 3.2Room Name: Large Meeting RoomsProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: Conference / meeting room for large groupsOccupancy: 30-50 Persons**Outline Description**Proposed ASF*A. Two Large Meeting Rooms to include: 900 sf each

- Lecture style seating for 30-50 Persons
- Alternative (banquet configuration) tables and chairs
- Motorized projection screen recessed at ceiling
- Movable podium
- Credenza (72" length) with lockable base cabinets
- One wall to be acoustical and tackable
- Chair rail for display boards
- Alcove vestibule entrances
- Movable wall partition system to divide room into two smaller meeting rooms?

1,800**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☒ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☒ Other: Dimmable lighting controlPower Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____Special Requirements: Room to be prepared for portable A/V equipment and presentations.Window blinds or drapery required.Provide vision light at entrance doors.Rooms to have teleconferencing capability.

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Other Meeting Rooms, Public Facilities

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 3.3Room Name: Medium Meeting RoomsProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: Conference / meeting room for small groupsOccupancy: Up to 24 Persons**Outline Description**Proposed ASF*A. Three Medium Meeting Rooms to include: 600 sf ea.

- Central conference table with seating for 16 Persons
- Perimeter seating for an additional 8 persons
- A/V display board with projection screen and marker board
- Credenza (72" length) with lockable base cabinets
- Chair rail for display boards?
- One wall to be acoustical and tackable

1,800**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input checked="" type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other: _____	<u>Dimmable lighting control</u>
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Equipment Requirements:	<input checked="" type="checkbox"/> Telephone: _____	<input checked="" type="checkbox"/> Computer: _____	
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____	
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____	

Special Requirements: Room to be prepared for portable A/V equipment and presentations.

Window blinds or drapery required.

Provide vision light at entrance doors.

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Other Meeting Rooms, Public Facilities

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 3.4Room Name: Small Meeting RoomsProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: Conference / meeting room for small groupsOccupancy: 8 - 18 Persons**Outline Description**Proposed ASF*

A. Two Small Meeting Rooms to include:

300 sf ea.

- Central conference table with seating for 8-10 Persons
- Perimeter seating for an additional 8 persons
- A/V display board with projection screen and marker board
- Credenza (72" length) with lockable base cabinets
- Chair rail for display boards?
- One wall to be acoustical and tackable

600**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input checked="" type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other: _____	<u>Dimmable lighting control</u>
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Equipment Requirements:	<input checked="" type="checkbox"/> Telephone: _____	<input checked="" type="checkbox"/> Computer: _____	
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____	
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____	

Special Requirements: Room to be prepared for portable A/V equipment and presentations.

Window blinds or drapery required.

Provide vision light at entrance doors.

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Other Meeting Rooms, Public Facilities

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 3.5

Room Name: Conference / Storage / Support

Program Requirements Submitted by: John Murphy Title: _____

Purpose or Use: Conference / meeting room for small groups

Occupancy: _____

Outline Description

Proposed ASF*

A. Conference / Storage / Support to include:

-
-

500

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☐ Carpet ☒ Vinyl Tile ☐ Other: _____

Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____

Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____

HVAC Requirements: ☒ Normal ☐ Other: _____

Lighting Requirements: ☒ Normal ☐ Other: _____

Power Requirements: ☒ Normal ☐ Other: _____

Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____

(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____

comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Meeting Rooms, Public Facilities

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 3.6

Room Name: Dance / Multi-purpose Room

Program Requirements Submitted by: John Murphy Title: _____

Purpose or Use: _____

Occupancy: _____

Outline Description

Proposed ASF*

A. Dance / Multi-purpose Room to include:

-
-

2,000

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☒ Other: Dance floor?

Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____

Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____

HVAC Requirements: ☒ Normal ☐ Other: _____

Lighting Requirements: ☒ Normal ☐ Other: _____

Power Requirements: ☒ Normal ☐ Other: _____

Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____

(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____

comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Program Data Sheet

Group Code: 4.1

Room Name: Bookstore
Program Requirements Submitted by: J. Eric Smith Title: _____
Purpose or Use: _____
Occupancy: Multiple customers

Outline Description

Proposed ASF*

A. Bookstore to include:

- Sales Area
 - General shelving / display racks (carpet)
 - Course book display (tile)
 - Course book storage (tile)
 - Clothing display / racks (carpet)
 - Slat wall display
 - Lounge furniture
 - Check out counter (tile)
 - Cash registers (tile)
- Web Distribution Area
- Customer Service Window to outside of ?
- Receiving Area with double doors onto floor room
- Support Areas
 - Cash count room
 - Bookstore Manager's office
 - Employee Break Room
 - Receiving Processing area
 - General stock room
 - Secured Storage room
 - Secured safe room

19,000

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☒ Carpet ☒ Vinyl Tile ☒ Other: storage areas to have vinyl tile,
public areas noted above to have ceramic tile
or other hard surface flooring

Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____

Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____

HVAC Requirements: ☒ Normal ☒ Other: _____

Lighting Requirements: ☒ Normal ☒ Other: Display and track lighting

Power Requirements: ☒ Normal ☒ Other: Coolers ? and computer systems

Equipment Requirements: ☒ Telephone: _____ ☒ Computer: systems
(identify quantity, location & ☒ Fax: _____ ☒ Printer: several
comments for each item) ☒ Copier: _____ ☐ Other: _____

Special Requirements: Loading dock
Elevator to get pallets up - floor needs to structurally support heavy loads
Security System
Reg. Computer System - connect to home office and general use
POS System - located throughout store with bricks in back and front end
AS/400 Comp. System - located throughout store with bricks in back and front end
Radio System
Wiring for removable reg. bays

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 4.2

Room Name: Bookstore Support / Storage

Program Requirements Submitted by: J. Eric Smith Title: _____

Purpose or Use: _____

Occupancy: _____

Outline Description

Proposed ASF*

A. Bookstore Storage to include:

•

•

3,600

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☐ Carpet ☒ Vinyl Tile ☐ Other: _____

Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____

Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____

HVAC Requirements: ☒ Normal ☐ Other: _____

Lighting Requirements: ☒ Normal ☐ Other: _____

Power Requirements: ☒ Normal ☐ Other: _____

Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____

(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____

comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Bookstore

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 5.1Room Name: Credit UnionProgram Requirements Submitted by: J. Eric Smith Title: _____

Purpose or Use: _____

Occupancy: 8-10 persons, 2-3 staff?**Outline Description**Proposed ASF*

A. Credit Union to include:

- Queuing area for customers
- Kiosk or display counter for additional banking information
- Customer service counters

465**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☐ Carpet ☐ Vinyl Tile ☒ Other: Ceramic tile or other hard surface flooringSuggested Wall Finishes: ☒ Paint ☒ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____Special Requirements: Data cabling closet with patch panel for teledata distributionElectronic security system

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Public Facilities, Lobby, other Retail Services

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 5.2

Room Name: ATM Room

Program Requirements Submitted by: J. Eric Smith Title: _____

Purpose or Use: A room for housing and secure access to ATM's

Occupancy: _____

Outline Description

Proposed ASF*

A. ATM Room to include:

- Multiple ATM's - how many?

200

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☐ Carpet ☒ Vinyl Tile ☐ Other: _____

Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____

Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____

HVAC Requirements: ☒ Normal ☐ Other: _____

Lighting Requirements: ☒ Normal ☐ Other: _____

Power Requirements: ☒ Normal ☐ Other: _____

Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____

(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____

comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Program Data Sheet

Group Code: 5.3

Room Name: Convenience Store
 Program Requirements Submitted by: J. Eric Smith Title: _____
 Purpose or Use: Small retail store for convenience and grocery items
 Occupancy: Multiple customers

Outline Description

Proposed ASF*

- A. Convenience Store to include:
- Display shelving / units for convenience items
 - Refrigerated beverage units (walk-in type)
 - Check-out counter and register

2,700

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes:	<input type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input checked="" type="checkbox"/> Other:	<u>Ceramic tile or other hard surface flooring</u>
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other:	_____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other:	_____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other:	_____	
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other:	_____	
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other:	_____	
Equipment Requirements:	<input checked="" type="checkbox"/> Telephone:	<input checked="" type="checkbox"/> Computer:	_____	
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax:	<input type="checkbox"/> Printer:	_____	
	<input type="checkbox"/> Copier:	<input type="checkbox"/> Other:	_____	

Special Requirements: Cash register - POS data connections

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)
Public Space and other Retail options

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 5.4

Room Name: Storage #079

Program Requirements Submitted by: J. Eric Smith Title: _____

Purpose or Use: _____

Occupancy: Storage only

Outline Description

Proposed ASF*

A. Storage #079 to include:

-
-

450

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes:	<input type="checkbox"/> Carpet	<input checked="" type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	_____
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	_____
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	_____

Equipment Requirements:	<input type="checkbox"/> Telephone: _____	<input type="checkbox"/> Computer: _____
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 5.5

Room Name: Retail Concept "A"

Program Requirements Submitted by: J. Eric Smith Title: _____

Purpose or Use: _____

Occupancy: _____

Outline Description

Proposed ASF*

A. Retail Concept "A" to include:



700

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☐ Carpet ☐ Vinyl Tile ☒ Other: Ceramic tile

Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____

Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____

HVAC Requirements: ☒ Normal ☐ Other: _____

Lighting Requirements: ☒ Normal ☐ Other: _____

Power Requirements: ☒ Normal ☐ Other: _____

Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____

(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____

comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 5.6

Room Name: Retail Concept "B"

Program Requirements Submitted by: J. Eric Smith Title: _____

Purpose or Use: _____

Occupancy: _____

Outline Description

Proposed ASF*

A. Retail Concept "B" to include:

-
-
-
-

500

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☐ Carpet ☐ Vinyl Tile ☒ Other: Ceramic tile

Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____

Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____

HVAC Requirements: ☒ Normal ☐ Other: _____

Lighting Requirements: ☒ Normal ☐ Other: _____

Power Requirements: ☒ Normal ☐ Other: _____

Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____

(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____

comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 5.7

Room Name: Retail Concept "C"

Program Requirements Submitted by: J. Eric Smith Title: _____

Purpose or Use: _____

Occupancy: _____

Outline Description

Proposed ASF*

A. Retail Concept "C" to include:

-
-
-
-

500

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☐ Carpet ☐ Vinyl Tile ☒ Other: Ceramic tile

Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____

Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____

HVAC Requirements: ☒ Normal ☐ Other: _____

Lighting Requirements: ☒ Normal ☐ Other: _____

Power Requirements: ☒ Normal ☐ Other: _____

Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____

(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____

comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 5.8Room Name: SUNY Card #052Program Requirements Submitted by: J. Eric Smith Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. SUNY Card #052 to include:

-
-
-
-

1,600**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: Painted GWBSuggested Ceiling Finishes: ☐ Acoustical ☐ Paint ☒ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Public Facilities and other Retail operations

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 6.1Room Name: Multipurpose AuditoriumProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: Multipurpose Auditorium for films, lectures, student activities, and small performancesOccupancy: 250 - 450 persons**Outline Description**Proposed ASF*

A. Multipurpose Auditorium to include:

- Sloped floor with stadium seating for 250-450 persons
- Performance platform (stage) at front (20' x 30' in size)
- Fixed commercial movie screen with curtain
- Film (35mm and 16 mm) and video projection
- Dolby digital sound system with side wall speakers
- General and performance lighting system (dimnable)
- Speaker podium with PowerPoint / PC capability (portable)
- Teleconference capability
- Dance area at front (with movable seats at the front of the Theater)

7,000**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☒ Vinyl Tile ☐ Other: Carpet at aisles; vinyl or other hard surface
flooring under seatingSuggested Wall Finishes: ☒ Paint ☒ Wallcovering ☒ Other: Acoustical wall treatmentSuggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☐ Normal ☒ Other: Sound isolation / baffle for HVACLighting Requirements: ☐ Normal ☒ Other: General and performance lighting - dimmablePower Requirements: ☐ Normal ☒ Other: 200 amp disconnect service for performanceEquipment Requirements: ☐ Telephone: _____ ☒ Computer: At podium(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Public Facilities

Program Data Sheet

Group Code: 6.2

Room Name: Prefunction
 Program Requirements Submitted by: John Murphy Title: _____
 Purpose or Use: Prefunction area for the Theater
 Occupancy: Up to 250 Persons

Outline Description

Proposed ASF*

A. Prefunction area to include:

- Lounge seating
- Ticket / Concessions Booth?
 - Secure (lockable) room for ticket and concession sales

1,000

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Equipment Requirements:	<input checked="" type="checkbox"/> Telephone: _____	<input checked="" type="checkbox"/> Computer: _____	
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____	
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____	
Special Requirements:	_____		

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Multipurpose Auditorium, Public Facilities

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 6.3Room Name: Modest Back-Of-House / Support SpaceProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: Support space and storage for the Auditorium / Theater

Occupancy: _____

Outline DescriptionProposed ASF*

A. Back-of-House / Support Space to include:

- Performance lighting truss with supports and lighting instruments
- Portable speakers, microphones, cables, etc.
- Miscellaneous A/V accessories

1,000**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☐ Carpet ☒ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☒ Other: PlywoodSuggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Multipurpose Auditorium

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 7.1Room Name: Games / Billiards / Table TennisProgram Requirements Submitted by: R. Scott Birge Title: _____Purpose or Use: Playing poolOccupancy: Multiple customers**Outline Description**Proposed ASF*

A. Games / Billiards / Table Tennis area to include:

- Customer service counter / Check-in desk (100 sf)
- Eight (8) Pool tables?
- Two (2) Table Tennis tables?
- Lounge furniture?
- High tables and stools?

1,300**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other:	_____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input checked="" type="checkbox"/> Other:	<u>Sound absorbing wall treatment</u>
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other:	_____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other:	_____	
Lighting Requirements:	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	<u>Feature lighting at each table</u>	
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other:	_____	
Equipment Requirements:	<input type="checkbox"/> Telephone:	<input type="checkbox"/> Computer:		_____
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax:	<input type="checkbox"/> Printer:		_____
	<input type="checkbox"/> Copier:	<input type="checkbox"/> Other:		_____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 7.2Room Name: Interactive GamingProgram Requirements Submitted by: R. Scott Birge Title: _____Purpose or Use: Playing video games

Occupancy: _____

Outline DescriptionProposed ASF*

A. Interactive Gaming to include:

- Flat screen TV's
- Video Gaming chairs
- Lounge furniture

800**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☒ Other: Sound absorbing wall treatmentSuggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☐ Normal ☒ Other: Dimmable lightingPower Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 7.3

Room Name: Game Room Storage

Program Requirements Submitted by: _____ Title: _____

Purpose or Use: A storage room for Game Room equipment, games and supplies.

Occupancy: Storage only.

Outline Description

Proposed ASF*

A. Storage Room to include:

- Metal shelving
- Storage cabinets? Lockable?

100

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☐ Carpet ☒ Vinyl Tile ☐ Other: _____

Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____

Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____

HVAC Requirements: ☒ Normal ☐ Other: _____

Lighting Requirements: ☒ Normal ☐ Other: _____

Power Requirements: ☒ Normal ☐ Other: _____

Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____

(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____

comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 8.1

Room Name: Lobby Lounge

Program Requirements Submitted by: R. Scott Birge Title: _____

Purpose or Use: _____

Occupancy: _____

Outline Description

Proposed ASF*

A. Lobby Lounge to include:

- Lounge seating and occasional tables
- Small tables & chairs?
- Computers?

2,000

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☒ Other: _____

Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____

Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____

HVAC Requirements: ☒ Normal ☐ Other: _____

Lighting Requirements: ☒ Normal ☐ Other: _____

Power Requirements: ☒ Normal ☐ Other: _____

Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____

(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____

comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 8.2

Room Name: Learning Garden Lounge Area

Program Requirements Submitted by: R. Scott Birge Title: _____

Purpose or Use: _____

Occupancy: _____

Outline Description

Proposed ASF*

A. Learning Garden Lounge Area to include:

- Lounge furniture

4,000

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☒ Other: _____

Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____

Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____

HVAC Requirements: ☒ Normal ☐ Other: _____

Lighting Requirements: ☒ Normal ☐ Other: _____

Power Requirements: ☒ Normal ☐ Other: _____

Equipment Requirements: ☐ Telephone: _____ ☒ Computer: _____

(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____

comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 8.3Room Name: Pocket LoungesProgram Requirements Submitted by: R. Scott Birge Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. Pocket Lounges to include:

- Lounge furniture

1,500**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other:	_____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other:	_____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other:	_____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other:	_____	
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other:	_____	
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other:	_____	
Equipment Requirements:	<input type="checkbox"/> Telephone:	<input type="checkbox"/> Computer:	_____	
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax:	<input type="checkbox"/> Printer:	_____	
	<input type="checkbox"/> Copier:	<input type="checkbox"/> Other:	_____	

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 8.4

Room Name: Student Leader Lounge

Program Requirements Submitted by: R. Scott Birge Title: _____

Purpose or Use: _____

Occupancy: _____

Outline Description

Proposed ASF*

A. Student Leader Lounge to include:

- Lounge furniture

1,000

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____

Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____

Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____

HVAC Requirements: ☒ Normal ☐ Other: _____

Lighting Requirements: ☒ Normal ☐ Other: _____

Power Requirements: ☒ Normal ☐ Other: _____

Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____

(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____

comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Student Orgs.

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 8.5Room Name: Commuter LoungeProgram Requirements Submitted by: R. Scott Birge Title: _____Purpose or Use: Lounge for commuter students

Occupancy: _____

Outline DescriptionProposed ASF*

A. Commuter Lounge to include:

- Study area for students
- Several small tables & chairs for group study
- Several computers at perimeter
- Lounge seating and occasional tables
- Lockers
- Kitchenette w/ sink, refrigerator and microwave
- TV ?

2,000**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements:

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 8.6Room Name: Misc. LoungesProgram Requirements Submitted by: R. Scott Birge Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. Misc. Lounges to include:

- Lounge furniture

2,000**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 9.1

Room Name: Information Kiosks

Program Requirements Submitted by: John Murphy Title: _____

Purpose or Use: _____

Occupancy: _____

Outline Description

Proposed ASF*

A. Information Kiosks to include:

-
-

200

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☐ Carpet ☐ Vinyl Tile ☒ Other: _____

Suggested Wall Finishes: ☐ Paint ☐ Wallcovering ☐ Other: _____

Suggested Ceiling Finishes: ☐ Acoustical ☐ Paint ☐ Other: _____

HVAC Requirements: ☐ Normal ☐ Other: _____

Lighting Requirements: ☐ Normal ☐ Other: _____

Power Requirements: ☐ Normal ☐ Other: _____

Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____

(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____

comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 9.2

Room Name: Information Commons

Program Requirements Submitted by: John Murphy Title: _____

Purpose or Use: _____

Occupancy: _____

Outline Description

Proposed ASF*

A. Information Commons to include:

-
-
-

1,800

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☒ Other: _____

Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____

Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____

HVAC Requirements: ☒ Normal ☐ Other: _____

Lighting Requirements: ☒ Normal ☐ Other: _____

Power Requirements: ☒ Normal ☐ Other: _____

Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____

(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____

comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 9.3Room Name: Information Commons - Group Study RoomsProgram Requirements Submitted by: John Murphy Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. Information Commons - Group Study Rooms to include:

- 5 quiet small group study room @ 200 sf ea.
- Tables & chairs
- Lounge furniture?

1,000**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 10.1Room Name: Student Association Executive SuiteProgram Requirements Submitted by: John Murphy Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. Student Association Executive Suite to include:

- | | |
|--|-----|
| ● Five (5) Executive Offices @ 100 sf each | 500 |
| ● Five (5) Open Workstations @ 64 sf each | 320 |
| ● Conference Table for 10 persons | 200 |
| ● Storage | 50 |

1,070**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	_____
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	_____
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	_____

Equipment Requirements:	<input checked="" type="checkbox"/> Telephone: _____	<input checked="" type="checkbox"/> Computer: _____
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 10.2Room Name: Graduate Student Organization Executive SuiteProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: Office / work area for graduate students

Occupancy: _____

Outline DescriptionProposed ASF*

A. Graduate Student Organization Executive Suite to include:

- | | |
|--|-----|
| • Executive Office | 100 |
| • Reception Workstation | 90 |
| • Two (2) Open Workstations @ 90 sf each | 180 |
| • Conference Area with a table that seats 8 people | 180 |
| • Storage | 50 |

600**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	

Equipment Requirements:	<input checked="" type="checkbox"/> Telephone: _____	<input checked="" type="checkbox"/> Computer: _____
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 10.3Room Name: Radio StationProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: Office / work area for the campus radio stationOccupancy: ? Staff and on-air DJ?**Outline Description****Note: Existing radio station facilities to remain in current location**Proposed ASF*

A. Radio Station to include:

- | | |
|--------------------------------------|-----|
| ● Record Library #315A | 132 |
| ● Radio #315B | 90 |
| ● Radio #315C | 121 |
| ● Radio #315D | 295 |
| ● Radio #315E | 134 |
| ● Radio #315F | 18 |
| ● Radio #315G | 110 |
| ● Radio #315H | 58 |
| ● Radio #316A | 91 |
| ● Radio #316B | 91 |
| ● Circulation #315, 316 | 387 |
| ● Counter for electronic equipment | |
| ● Bookcases / Shelves for CD's, etc. | |
| ● File cabinet storage | |
| ● Workstation with computer | |
| ● Guest chairs | |

1,527**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	Special ventilation at dark room
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other:	Special light control at dark room
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other:	_____
Equipment Requirements:	<input type="checkbox"/> Telephone: _____	<input type="checkbox"/> Computer: _____	
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____	
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____	
Special Requirements:	<u>24 hour zone access</u>		
	<u>Sound prod studio</u>		
	<u>Acoustical finishes</u>		

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 10.4Room Name: Student NewspaperProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: Office / work area for members of the student newspaper to produce the daily newspaperOccupancy: Multiple student personnel**Outline Description**Proposed ASF*

A. Student Newspaper to include:

- Newspaper #328, 329, 330 370
- Newspaper Office #331 120
- Newspaper Office #332 150

- Production Area
- Business Office
- Newsroom
- Advertising Room
- Business Manager's Office
- Reception area
- Editor's Office
- Graphic Manager's Office
- Work Room

640**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____
Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____
Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____
HVAC Requirements: ☒ Normal ☐ Other: _____
Lighting Requirements: ☒ Normal ☐ Other: _____
Power Requirements: ☒ Normal ☐ Other: _____

Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____
(identify quantity, location & ☐ Fax: _____ ☒ Printer: _____
comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: 24 hour zone access

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 10.5Room Name: YearbookProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: Office / work area for the yearbookOccupancy: Multiple student personnel**Outline Description**Proposed ASF*

A. Yearbook to include:

● Yearbook Office #305	150
- Multiple workstations	
- Work tables and chairs	
● Finishing Room #301, 302, 303	0
● Dark Room #304	0
● Storage	50
	<hr/>
	200

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____
Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____
Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____
HVAC Requirements: ☒ Normal ☒ Other: Special ventilation at dark room?
Lighting Requirements: ☒ Normal ☒ Other: Special light control at dark room?
Power Requirements: ☒ Normal ☐ Other: _____

Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____
(identify quantity, location & ☐ Fax: _____ ☒ Printer: _____
comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 10.61Room Name: General Student Organizations - Lounge Area / MailboxesProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: Lounge area & mailboxes for student organizations and clubs

Occupancy: _____

Outline DescriptionProposed ASF*

A. Student Organizations and Clubs Reception area to include:

- One (1) workstation with computer ?
- Tackable bulletin board (8' x 4')
- Guest / lounge chair seating for 25 people
- Occasional tables
- Mailboxes for 200 student organizations

900**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☒ Telephone: _____ ☐ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____Special Requirements: 24 hour zone access

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 10.62Room Name: General Student Organizations - Miscellaneous Groups Office 'A' ClusterProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: Enclosed offices for general student organizations and clubs

Occupancy: _____

Outline DescriptionProposed ASF*

A. Miscellaneous Groups Office 'A' Cluster to include:

- Two (2) desks with computers per office
- Two (2) desk chairs per office
- One (1) File cabinet
- Bookcase or storage cabinet

6 @ 100 sf each600**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☐ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____Special Requirements: 24 hour zone access

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 10.63Room Name: General Student Organizations - Multicultural Groups Office 'A' ClusterProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: Enclosed offices for multicultural student organizations and clubs

Occupancy: _____

Outline DescriptionProposed ASF*

A. Multicultural Groups Office 'A' Cluster to include:

- Two (2) desks with computers per office
- Two (2) desk chairs per office
- One (1) File cabinet
- Bookcase or storage cabinet

6 @ 100 sf each600**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____Special Requirements: 24 hour zone access

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 10.64Room Name: General Student Organizations - Assigned 'B' WorkstationsProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: Larger workstations assigned to specific student organizations and clubs

Occupancy: _____

Outline DescriptionProposed ASF*

A. Assigned 'B' Workstations to include:

- Twenty-five (25) 6'x6' workstations with computers
- One (1) or desk chair per workstation

25 @ 50 sf each1,250**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____(identify quantity, location & ☐ Fax: _____ ☒ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____Special Requirements: 24 hour zone access

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 10.65Room Name: General Student Organizations - Unassigned 'C' WorkstationsProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: Smaller workstations unassigned to any specific student organization or club

Occupancy: _____

Outline DescriptionProposed ASF*

A. Unassigned 'C' Workstations to include:

- Fifteen (15) 5'x2' workstations with computers
- One (1) desk chair per workstation

15 @ 25 sf each375**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____Special Requirements: 24 hour zone access

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 10.66

Room Name: General Student Organizations - Open Work Areas

Program Requirements Submitted by: John Murphy Title: _____

Purpose or Use: General open work areas for student organizations and clubs

Occupancy: _____

Outline Description

Proposed ASF*

A. Open Work Areas to include:

- Scattered work tables of various sizes to accommodate 2, 4 or 6 students
- Side chairs at each table

400

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____

Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____

Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____

HVAC Requirements: ☒ Normal ☐ Other: _____

Lighting Requirements: ☒ Normal ☐ Other: _____

Power Requirements: ☒ Normal ☐ Other: _____

Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____

(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____

comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: 24 hour zone access

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 10.67Room Name: General Student Organizations - Conference RoomProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: General conference room for student organizations and clubs

Occupancy: _____

Outline DescriptionProposed ASF*

A. Conference Room to include:

- Central conference table with seating for 12-15 persons
- Conference chairs
- Marker board?

350**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☒ Telephone: _____ ☐ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☒ Other: _____Special Requirements: 24 hour zone access

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 10.68Room Name: General Student Organizations - General Use Meeting RoomProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: General meeting room for student organizations and clubsOccupancy: 30 - 50 persons**Outline Description**Proposed ASF*

A. Meeting Room to include:

- Lecture style seating for 30-50 Persons
- Alternative (banquet configuration) tables and chairs
- Motorized projection screen recessed at ceiling
- Movable podium
- Credenza (72" length) with lockable base cabinets
- One wall to be acoustical and tackable
- Chair rail for display boards
- Alcove vestibule entrances
- Movable wall partition system to divide room into two smaller meeting rooms?

800**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☒ Telephone: _____ ☐ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____Special Requirements: 24 hour zone access

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data Sheet

Group Code: 10.71

Room Name: Shared Resources - Resource Area

Program Requirements Submitted by: John Murphy Title: _____

Purpose or Use: _____

Occupancy: _____

Outline Description

Proposed ASF*

A. Shared Resources - Resource Area to include:

- 3 - 4 Workstations w/ computers
- Work table and chairs
- Shelving / Bookcases for resource materials

200

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____

Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____

Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____

HVAC Requirements: ☒ Normal ☐ Other: _____

Lighting Requirements: ☒ Normal ☐ Other: _____

Power Requirements: ☒ Normal ☐ Other: _____

Equipment Requirements: ☐ Telephone: _____ ☒ Computer: _____

(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____

comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 10.72Room Name: Shared Resources - Projects / Work RoomProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: Work room for student projectsOccupancy: Multiple students**Outline Description**Proposed ASF*

A. Shared Resources - Projects / Work Room to include:

- Work counter w/ storage cabinets and overhead cabinets
- A large central work table and stools
- Utility sink
- Storage cabinets for materials, supplies, etc.

350**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input type="checkbox"/> Carpet	<input checked="" type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	_____
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	_____
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	_____

Equipment Requirements:	<input checked="" type="checkbox"/> Telephone: _____	<input checked="" type="checkbox"/> Computer: _____
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 10.73Room Name: Shared Resources - Storage AreaProgram Requirements Submitted by: John Murphy Title: _____Purpose or Use: Storage area for student projectsOccupancy: Storage only**Outline Description**Proposed ASF*

A. Shared Resources - Storage Area to include:

- A series of 15? 6'x6' lockable cage storage areas to be each assigned to a specific student group (Verify final number and configuration)
- A series of 15? 4'x4' lockable cage storage areas to be each assigned to a specific student group (Verify final number and configuration)

500**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input type="checkbox"/> Carpet	<input checked="" type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	_____
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	_____
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	_____

Equipment Requirements:	<input type="checkbox"/> Telephone: _____	<input type="checkbox"/> Computer: _____
(identify quantity, location &	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____
comments for each item)	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Shared Resources - Projects / Work Room

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 11.1Room Name: Information / Building Management OfficeProgram Requirements Submitted by: John Murphy Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. Information / Building Management Office to include:

• Union Director's Office	150
- One (1) workstation with computer	
- Small conference table with 4 guest chairs	
- File cabinet and bookcase	
• Building Manager's Office	120
- One workstation with computer	
- File cabinet / storage	
• Reservations	180
- Two (2) workstations with computers	
• Information Desk / Reception / Waiting Area	300
- Customer service counter for several staff persons with computers	
- Electronic directory / large screen video	
- Queuing area	
• Storage Room	80
• A/V Storage on Level 1	150
• A/V Storage on Level 2	100
	<u>1,080</u>

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☒ Carpet ☒ Vinyl Tile ☐ Other: Vinyl tile in storage room
Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____
Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____
HVAC Requirements: ☒ Normal ☐ Other: _____
Lighting Requirements: ☒ Normal ☐ Other: _____
Power Requirements: ☒ Normal ☐ Other: _____

Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____
(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____
comments for each item) ☐ Copier: _____ ☒ Other: * See below

Special Requirements: * Security grille - lockable for security
* Control panel and mic for building paging system
* Control panel and monitor for closed circuit TV security system

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Main Lobby

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 11.2Room Name: Student Activities Advisor's SuiteProgram Requirements Submitted by: John Murphy Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. Student Activities Advisor's Suite to include:

● Reception / Waiting Area	200
- Two (2) Secretary / Receptionist workstations with computers	
- Guest / Lounge furniture	
● Open Office	250
- Four (4) Graduate Assistant workstations with computers	
● Work Area	100
-	
● One (1) Director of Student Involvement & Leadership & One (1) Director of Multicultural Success Offices	2 @ 150 sf each
- One workstation with computer in each office	
- File cabinet / storage in each office	
- Conference table and chairs to seat 4 people in each office	
● Two (2) Associate Director Offices and One (1) Assistant Director Office	3 @ 120 sf each
- One workstation with computer in each office	
- One (1) File cabinet / storage in each office	
- Two (2) Guest chairs in each office	
● Greek Life Coordinator	120
- One workstation with computer	
- File cabinet / storage	
● Spare Office	120
- One workstation with computer	
- File cabinet / storage	
● Storage	80
	<u>1,530</u>

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	

Equipment Requirements:	<input checked="" type="checkbox"/> Telephone: _____	<input checked="" type="checkbox"/> Computer: _____
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input checked="" type="checkbox"/> Printer: _____
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 11.3Room Name: Conflict Resolution SuiteProgram Requirements Submitted by: Clarence McNeillTitle: Director of Conflict Resolution

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. Conflict Resolution Suite to include:

● Reception Area:	350
- Receptionist workstation	
- Guest seating for 6 - 8 persons & coffee table	
- Misc. filing	
● Director's Office:	150
- One (1) workstation with computer	
- Small conference table for 4 persons	
- Misc. filing	
● Associate Director's Office:	120
- One (1) workstation with computer	
- Three (3) guest chairs	
- Misc. filing	
● Assistant Director's Office:	120
- One (1) workstation with computer	
- Two (2) guest chairs	
- Misc. filing	
● Conference / Hearing Room:	250
- Conference Table to seat 10-12 persons	
- Side / guest seating for 4 persons	
● Confidential File / Storage Room:	120
- (8) File cabinets - 5 drawer high	
	<u>1,110</u>

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____
Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____
Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____
HVAC Requirements: ☒ Normal ☐ Other: _____
Lighting Requirements: ☒ Normal ☐ Other: _____
Power Requirements: ☒ Normal ☐ Other: _____

Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____
(identify quantity, location & ☐ Fax: _____ ☒ Printer: _____
comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

_____Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 11.4Room Name: Disability Services SuiteProgram Requirements Submitted by: Nancy Belowich-Negron, Errol Millington Title: _____Purpose or Use: An office suite to accommodate and service those students with disabilities

Occupancy: _____

Outline DescriptionProposed ASF*

A. Disability Services Suite to include:

- | | |
|--|-----------------|
| • Reception #137 | 300 |
| - Receptionist workstation | |
| - 3-4 Guest Chairs | |
| • (1) Director's Office: | 165 |
| - One (1) workstation with computer | |
| - Three (3) guest chairs | |
| - One (1) bookcase | |
| • (1) Asst. Director's Office: | 135 |
| - One (1) workstation with computer | |
| - Three (3) guest chairs | |
| - One (1) bookcase | |
| • (2) Other Offices: | 2 @ 120 sf each |
| - Each office to have (2) workstations with computers | |
| • (1) Small Group Testing Room with conference table for 8 persons | 200 |
| • (1) Small Group Testing Room with conference table for 4 persons | 100 |
| • (3) Individual Testing Rooms with handicapped work counter | 3 @ 80 sf each |
| • Wheelchair / Scooter Storage Room | 200 |

1,500**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Equipment Requirements:	<input checked="" type="checkbox"/> Telephone: _____	<input checked="" type="checkbox"/> Computer: _____	
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input checked="" type="checkbox"/> Printer: _____	
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____	

Special Requirements:

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

(adjacent to meeting rooms & Judicial Affairs)

Program Data Sheet

Group Code: 11.5

Room Name: Don't Walk Alone
 Program Requirements Submitted by: _____ Title: _____
 Purpose or Use: _____
 Occupancy: _____

Outline Description

Proposed ASF*

A. Don't Walk Alone to include:

-
-

120

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Equipment Requirements:	<input checked="" type="checkbox"/> Telephone: _____	<input type="checkbox"/> Computer: _____	
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____	
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____	
Special Requirements:	_____ _____ _____ _____ _____ _____		

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 11.6Room Name: University Auxiliary Services (UAS)

Program Requirements Submitted by: _____ Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. UAS to include:

- SUNY Card 600
- UAS Staff and services (future program to be determined) 2400

3000**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements:

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 12.1Room Name: Registrar OfficesProgram Requirements Submitted by: Bob Prendergast Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. Registrar Offices to include:

- Reception / Waiting
- Director's Office
- Secretary
- Program Aid
- (2) Assoc. Reg. Office
- (3) Asst. Reg. Office
- Open Office
- (7) clerical workstation & files
- Transcript Room
- Secure Storage

0**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☒ Vinyl Tile ☐ Other: Vinyl tile in storage roomSuggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☒ Other: * See belowSpecial Requirements: * Security grille - lockable for security* Control panel and mic for building paging system* Control panel and monitor for closed circuit TV security system

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Main Lobby

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 12.2Room Name: Student AccountsProgram Requirements Submitted by: Bob Prendergast Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. Student Accounts to include:

- Director's Office
- Business Analyst
- Assoc. Director
- (3) Assist. Director
- Bursar
- Open Office (10 clerical workstations)
- Waiting
- Storage
- Equipment
- Conference Rm.
- Billing (Storage / Work Rm)

0**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____(identify quantity, location & ☐ Fax: _____ ☒ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Program Data Sheet

Group Code: 12.3

Room Name: Student Services Center
 Program Requirements Submitted by: Bob Prendergast Title: _____
 Purpose or Use: _____
 Occupancy: _____

Outline Description

Proposed ASF*

- A. Student Services Center to include:
- Bursar's Teller Area (includes 5 staff assistants, waiting)
 - Bursar's Open Office (includes Director, Asst. Dir., & clerks)
 - Vault #026P

0

Basic Architectural Requirements (check all that apply):

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	_____
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	_____
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	_____
Equipment Requirements:	<input checked="" type="checkbox"/> Telephone: _____	<input checked="" type="checkbox"/> Computer: _____	
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input checked="" type="checkbox"/> Printer: _____	
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____	
Special Requirements:	_____ _____ _____ _____ _____ _____		

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 12.4Room Name: Financial AidProgram Requirements Submitted by: Bob Prendergast Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. Financial Aid to include:

- Financial Aid Storage #052
- Director Office
- Open Office Area (15 professional staff & 1 clerical)

0**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____(identify quantity, location & ☐ Fax: _____ ☒ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 13.1Room Name: Wellness / Health / Fitness CenterProgram Requirements Submitted by: Bob Prendergast Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. Wellness / Health / Fitness Center to include:

- | | |
|-----------------------------------|--------|
| • Control Desk / Staff Area | 1,000 |
| • Locker Rooms / Showers; Support | 3,000 |
| • Fitness Equipment Area | 10,000 |
| • Dance / Aerobic Studio | 3,000 |

17,000**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input checked="" type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input checked="" type="checkbox"/> Other: _____	
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Equipment Requirements:	<input checked="" type="checkbox"/> Telephone: _____	<input checked="" type="checkbox"/> Computer: _____	
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____	
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____	

Special Requirements: _____

_____Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 13.2Room Name: IntramuralsProgram Requirements Submitted by: Bob Prendergast Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. Intramurals to include:

- | | |
|---|-----|
| • Director Office | 180 |
| • Workstations (2) | 160 |
| • Storage | 200 |
| • Waiting (share with Fitness Center Control Desk Area) | 0 |

540**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	_____
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	_____
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	_____

Equipment Requirements:	<input checked="" type="checkbox"/> Telephone: _____	<input checked="" type="checkbox"/> Computer: _____
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 13.3Room Name: Middle Earth Peer CounselingProgram Requirements Submitted by: Bob Prendergast

Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. Middle Earth Peer Counseling to include:

- | | |
|-------------------|-----|
| • Director Office | 200 |
| • Hotline Room | 350 |
| • Training Room | 300 |
| • Office | 160 |
| • Office | 160 |
| • Office | 160 |
| • Office | 160 |
| • Storage | 220 |
| • Storage | 110 |
| • Storage | 110 |

1,930**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Equipment Requirements:	<input checked="" type="checkbox"/> Telephone: _____	<input checked="" type="checkbox"/> Computer: _____	
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input checked="" type="checkbox"/> Printer: _____	
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____	

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 13.4Room Name: SHAPEProgram Requirements Submitted by: Bob Prendergast Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. SHAPE area to include:

- Director Office 150
 - One (1) workstation with computer
 - Two (2) guest chairs
 - File cabinet and bookcase
- Open Office 300
 - Six (6) workstations with computer (to be shared with Middle Earth)

450**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other:	_____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other:	_____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other:	_____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other:	_____	
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other:	_____	
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other:	_____	
Equipment Requirements:	<input checked="" type="checkbox"/> Telephone:	<input checked="" type="checkbox"/> Computer:	_____	
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax:	<input checked="" type="checkbox"/> Printer:	_____	
	<input type="checkbox"/> Copier:	<input type="checkbox"/> Other:	_____	

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 13.5Room Name: Sexual Assault Research CenterProgram Requirements Submitted by: Bob Prendergast Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. Sexual Assault Research Center to include:

150

•

•

150**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☒ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☒ Telephone: _____ ☒ Computer: _____(identify quantity, location & ☐ Fax: _____ ☒ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 14.1Room Name: Meditation RoomProgram Requirements Submitted by: Bob Prendergast Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. Meditation Room to include:

300

•

•

300**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	

Equipment Requirements:	<input type="checkbox"/> Telephone: _____	<input type="checkbox"/> Computer: _____
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 14.2Room Name: Lab SpaceProgram Requirements Submitted by: Bob Prendergast Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*

A. Lab Space to include:

833

•

•

833**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☐ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 14.3Room Name: ReceivingProgram Requirements Submitted by: Bob Prendergast Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*A. Receiving area to include: 1,500

-
-
-

1,500**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☐ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☐ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☐ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☐ Normal ☐ Other: _____Lighting Requirements: ☐ Normal ☐ Other: _____Power Requirements: ☐ Normal ☐ Other: _____Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____

Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 14.4Room Name: Loading DockProgram Requirements Submitted by: Bob Prendergast Title: _____

Purpose or Use: _____

Occupancy: _____

Outline DescriptionProposed ASF*A. Loading Dock to include: 1,500

-
-
-

1,500**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☐ Carpet ☐ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☐ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☐ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☐ Normal ☐ Other: _____Lighting Requirements: ☐ Normal ☐ Other: _____Power Requirements: ☐ Normal ☐ Other: _____Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 14.5Room Name: General StorageProgram Requirements Submitted by: Bob Prendergast Title: _____Purpose or Use: General storage for the buildingOccupancy: Storage only**Outline Description**Proposed ASF*

A. General Storage area to include:

1,000

-
-
-

1,000**Basic Architectural Requirements (check all that apply):**Suggested Floor Finishes: ☐ Carpet ☒ Vinyl Tile ☐ Other: _____Suggested Wall Finishes: ☒ Paint ☐ Wallcovering ☐ Other: _____Suggested Ceiling Finishes: ☒ Acoustical ☐ Paint ☐ Other: _____HVAC Requirements: ☒ Normal ☐ Other: _____Lighting Requirements: ☒ Normal ☐ Other: _____Power Requirements: ☒ Normal ☐ Other: _____Equipment Requirements: ☐ Telephone: _____ ☐ Computer: _____(identify quantity, location & ☐ Fax: _____ ☐ Printer: _____comments for each item) ☐ Copier: _____ ☐ Other: _____Special Requirements: _____

Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

State University of New York at Albany

Campus Center

Preliminary Architectural Program

December 2009

WTW Architects

Program Data SheetGroup Code: 14.6Room Name: FutureProgram Requirements Submitted by: Bob Prendergast Title: _____Purpose or Use: Future space for the building

Occupancy: _____

Outline DescriptionProposed ASF*

A. Future area to include:

-
-
-

3,000**Basic Architectural Requirements (check all that apply):**

Suggested Floor Finishes:	<input type="checkbox"/> Carpet	<input checked="" type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Other: _____
Suggested Wall Finishes:	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/> Wallcovering	<input type="checkbox"/> Other: _____
Suggested Ceiling Finishes:	<input checked="" type="checkbox"/> Acoustical	<input type="checkbox"/> Paint	<input type="checkbox"/> Other: _____
HVAC Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Lighting Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	
Power Requirements:	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other: _____	

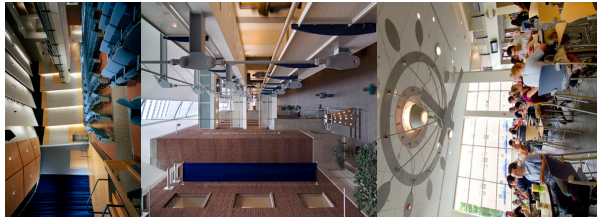
Equipment Requirements:	<input type="checkbox"/> Telephone: _____	<input type="checkbox"/> Computer: _____
(identify quantity, location & comments for each item)	<input type="checkbox"/> Fax: _____	<input type="checkbox"/> Printer: _____
	<input type="checkbox"/> Copier: _____	<input type="checkbox"/> Other: _____

Special Requirements: _____

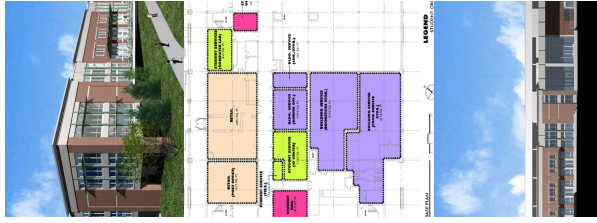
Suggested Adjacencies: (List other departments or building areas that you would like to be adjacent to)

Benchmark Analysis

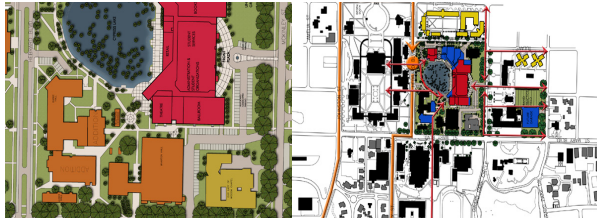
University of
Connecticut



Western Kentucky
University



University of
Louisiana-Lafayette



University of
Nevada-Reno



Indiana University
of Pennsylvania



University of
New Orleans



University of
Vermont





Benchmark Analysis Overview

Name of Institution	University of Connecticut	Western Kentucky University	U. of Louisiana at Lafayette	University of Nevada - Reno	Indiana University of Pennsylvania	University of New Orleans	University of Vermont
Name of Union	Student Union	Downing University Center	Student Union	Student Union	Hadley Union Building (the HUB)	University Center	University Commons
Type of Institution (State, State Affiliate, Private)	State	State	State Affiliate	State	Public	State	State
Location	CT	KY	LA	NV	PA	LA	VT
Carnegie Classification	Doctoral-Extensive	Masters-I	Doctoral-Intensive	Doctoral-Extensive	Doctoral-Intensive	Doctoral-Intensive	Doctoral-Extensive
Athletic Conference	Big East	Ohio Valley	Sun Belt	WAC	PSAC	Gulf Coast	Eastern Collegiate
Enrollment (Headcount) - Undergraduate	16,348	15,236	14,806	13,178	11,928	8,628	8,000
(at time of project planning) - Graduate	6,425	2,795	1,514	3,033	2,382	2,800	1,675
Total FTE Enrollment (Institution's website)	22,773	18,031	16,320	16,211	14,310	11,428	10,081
Total Enrollment (from Barron's)		13,680			13,363	13,363	8,742
On campus Residential Population					4,114		
Off Campus/Commuters							
	Assignable Sq. Footage	Assignable Sq. Footage	Assignable Sq. Footage	Assignable Sq. Footage	Assignable Sq. Footage	Assignable Sq. Footage	Assignable Sq. Footage
Group 1: Food Service	24,520	42,604	27,950	25,780	13,715	35,750	36,379
Group 2: Large Event Space	8,537	8,940	11,204	17,635	8,320	13,800	11,694
Group 3: Conference/Meeting Rooms	8,555	8,340		9,100	3,515	9,100	5,092
Group 4: Bookstore		23,000	21,720	23,455	25,075	20,470	19,640
Group 5: Additional Retail	8,607	2,374	5,615	7,770	1,330	3,500	4,853
Group 6: Theater/Auditorium	6,952	9,120	3,700	5,750			
Group 7: Game Room	1,980	3,000	1,500	1,550		2,000	3,225
Group 8: Lounge Space	8,500	4,500	12,500	4,825	6,305	6,000	6,800
Group 9: Academic Related	200	200	1,200	1,050	1,375	1,000	800
Group 10: Student Organizations	10,632	5,920	7,575	7,455	4,865	4,130	6,659
Group 11A: Administrative	13,538	22,554	7,352	10,724	5,730	3,290	9,163
Group 11B: Registrar, Bursar, Financial Aid, etc.			2,500				
Group 12: Multicultural	22,135	2,260		1,500		2,110	
Group 13: Fitness/Wellness		1,560	8,325		25,105		
Group 14: Special/Miscellaneous	9,000						6,500
Prototype Program Assignable Sq. Footage	123,156	134,372	111,141	116,594	95,335	101,150	110,805
Prototype Building Gross							
Gross/Net Ratio (Grossing Factor)	199,000	186,000	182,966	175,583	135,000	154,000	184,000
Percentage of Assignable to Gross (Efficiency)	1.62	1.38	1.65	1.51	1.42	1.52	1.66
	62%	72%	61%	66%	71%	66%	60%

Name of Institution	Prototype Summary of Peer Campus Centers			University at Albany Existing Campus Center		University at Albany Proposed Campus Center	
Name of Institution							
Type of Institution (State, State Affiliate, Private)							
Location							
Carnegie Classification							
Athletic Conference							
Enrollment (Headcount) - Undergraduate							
(at time of project planning) - Graduate							
Total FTE Enrollment (Institution's website)							
Total Enrollment (from Barron's)							
On campus Residential Population							
Off Campus/Commuters							
	Component Average ASF	% of Building	Component Median ASF	Existing ASF	% of Building	Proposed ASF	% of Building
Group 1: Food Service	29,528	21.4%	27,950	37,524	32.7%	37,195	23.2%
Group 2: Large Event Space	11,447	8.3%	11,204	7,912	6.9%	10,140	6.3%
Group 3: Conference/Meeting Rooms	7,284	5.3%	8,448	6,496	5.7%	9,272	5.8%
Group 4: Bookstore	22,227	16.1%	22,360	15,244	13.3%	22,500	14.0%
Group 5: Additional Retail	4,864	3.5%	4,853	4,092	3.6%	4,322	2.7%
Group 6: Theater/Auditorium	6,381	4.6%	6,351	0	0.0%	9,000	5.6%
Group 7: Game Room	2,209	1.6%	1,990	758	0.7%	2,000	1.2%
Group 8: Lounge Space	7,061	5.1%	6,305	12,862	11.2%	10,000	6.2%
Group 9: Academic Related	832	0.6%	1,000	0	0.0%	3,000	1.9%
Group 10: Student Organizations	6,748	4.9%	6,659	10,222	8.9%	12,177	7.6%
Group 11A: Administrative	10,336	7.5%	9,163	5,119	4.5%	6,235	3.9%
Group 11B: Registrar, Bursar, Financial Aid, etc.	2,500	1.8%	2,500	12,451	10.9%	12,451	7.8%
Group 12: Multicultural	7,001	5.1%	2,185	0	0.0%	0	0.0%
Group 13: Fitness/Wellness	11,663	8.5%	8,325	1,118	1.0%	18,998	11.9%
Group 14: Special/Miscellaneous	7,750	5.6%	7,750	833	0.7%	3,000	1.9%
	=====	100.0%	=====	=====	100.0%	=====	100.0%
Prototype Program Assignable Sq. Footage	137,832		127,043	114,631		160,290	
Prototype Building Gross	220,383		208,038	61,869		88,160	
Gross/Net Ratio (Grossing Factor)	1.54			176,500		248,450	
Percentage of Assignable to Gross (Efficiency)	65%			1.54		1.55	
				65%		65%	

* Proposed Prototype based on comparative student centers



Benchmark Analysis by Groups

	University of Connecticut	Western Kentucky University	University of Louisiana Lafayette	University of Nevada-Reno	Indiana University of Pennsylvania	University of New Orleans	University of Vermont	Average ASF	% of Building	Median ASF	University at Albany	Program
	Existing										Remarks	
Group 1: Food Service												
Primary Dining Venue 1 **includes seating & servry	11,464 *Food Court	9,856 *Marketplace	12,500 *Marketplace	7,500 *Food Court	8,000 *Food Court	10,000 *Food Court	10,640 *Marketplace	9,994 *Food Court	27%	10,000	11,744 *Food Court	11,744 *Food Court
Primary Dining Venue 2	1,951 Branded Outlets	6,592 Food Court		5,400 Venues 1-4		8,000 Cafeteria		5,486	15%	5,996	5,643 Wendy's	5,643 Wendy's
Primary Dining Venue 3		960 Subway						960	3%	960	7,883 Indian	7,000 Diner concept
Sports Pub/Themed Food		6,112 Sports Pub	3,250 Sidelines	3,360 Sports Theme			7,440 Bistro Café	5,041	14%	4,736	717 Dreidel's	717 Dreidel's
Coffeehouse/Café		1,000		2,000		1,000		1,333	4%	1,000		
Specialty Dining - Faculty/Staff	2,940 Restaurant/Café	3,312 Rotunda Room	3,400 Café de Lafayette			1,300 Flambeau Room		2,738	7%	3,126	3,446 Patroon Room	3,000 Patroon Room
Alternative Dining		600	200 Snack Bar					400	1%	400		
Main Kitchen	4,600	8,592	6,000	5,000	4,000	8,800	7,284	6,325	17%	6,000	5,278	6,000
Catering/Support	2,381	1,600		1,590	1,000	1,500	1,015	1,514	4%	1,545	1,722	2,000
Miscellaneous	1,184	3,980	2,600	930	715	5,150	10,000	3,508	9%	2,600	1,091	1,091
Total Group 1	24,520	42,604	27,950	25,780	13,715	35,750	36,379	29,528	100%	27,950	37,524	37,195
Group 2: Large Event Space												
Multipurpose/Ballroom	5,598	6,380	9,704	11,420	5,905	10,000	7,795	8,115	71%	7,795	7,140	7,140
Prefunction Space	1,892	1,360	1,000	4,595	1,490	2,000	2,750	2,155	19%	1,892	500	2,000
Storage/Support	1,047	1,200	500	1,620	925	1,800	1,149	1,177	10%	1,149	272	1,000
Total Group 2	8,537	8,940	11,204	17,635	8,320	13,800	11,694	11,447	100%	11,204	7,912	10,140

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		University of Connecticut	Western Kentucky University	University of Louisiana Lafayette	University of Nevada-Reno	Indiana University of Pennsylvania	University of New Orleans	University of Vermont
Group 3: Conference/Meeting Rooms			1,200 (1) Very Large		1,560 "Great Room"	1,300 (1) Extra Large	1,400 (1) Very Large	2,027
		1,211 Executive Mtg			1,735 Senate Chamber			
					1,100 KIVA			
	Large Meeting Rooms	5,095 (6) Large	900 (1) Large		2,270 (3) Large	1,010 (1) Large	1,500 (2) Large	1,500
	Medium Meeting Rooms	1,687 (3) Medium	5,040 (8) Medium		1,985 (4) Medium	1,205 (2) Medium	3,300 (6) Medium	1,708 (3) Medium
	Small Meeting Rooms	562 (2) Small	1,200 (4) Small		450 (2) Small		2,100 (6) Small	800 (3) Small
							800 (4) Group Study	800
Support/Storage							557	
Total Group 3	8,555	8,340		9,100	3,515	9,100	5,092	

		University of Kentucky	University of Louisiana Lafayette	University of Nevada-Reno	Indiana University of Pennsylvania	University of New Orleans	University of Vermont
Group 4: Bookstore	Bookstore/Offices/Support	23,000	21,720	23,455	25,075	20,470	19,640
Total Group 4		23,000	21,720	23,455	25,075	20,470	19,640

Group 5: Additional Retail	Convenience Store	2,000			1,580		3,000	2,000
	Copy/Print Shop		750	1,600	1,000			1,000
	Postal Services		1,000	3,000		200		
	Other	2,350 Hair Salon						
	Outdoor Adventure	3,317	400	1,000	4,190	1,200		1,800
	ATMs		224	15	100	130	150	53
	Concessions	940			900 Branch Bank		150 Vending & Lockers	900
Total Group 5	8,607	2,374	5,615	7,770	1,330	3,500	4,853	

		University of Albany	Program
		Existing	Remarks
		2,572 Assembly Hall	maintain
		1,942 Mtg RM #375	new
		860 Terrace #165A	
	Large Meeting Rooms		2 @ 900 each
	Medium Meeting Rooms	1,122 (3) Medium	4 @ 600 each
	Small Meeting Rooms		2 @ 300 each
	Support/Storage	-	
Total Group 3	6,496		9,272

		15,244	increase	22,500
		15,244		22,500

		2,657 Conv Store	maintain	2,657 Conv Store
		770		
		465 Credit Union	maintain	465 Credit Union
		200	maintain	200
		4,092		4,322



	University of Connecticut	Western Kentucky University	University of Louisiana Lafayette	University of Nevada-Reno	Indiana University of Pennsylvania	University of New Orleans	University of Vermont	Average ASF	% of Building	Median ASF	University at Albany	
											Existing	Remarks Program
Group 6: Theater/Auditorium												
Theater House	6,216	8,500	3,700	4,800				5,804	88%	5,508	-	7,000 450 seats & stage
Prefunction	500 Seats & Stage	700 Seats & Stage	300 Seats	340 Seats & Stage								1,000
	circulation	circulation	circulation	circulation								1,000
Support	736	620		950				769	12%	736		1,000
Total Group 6	6,952	9,120	3,700	5,750				6,381	100%	6,351	-	9,000
Group 7: Game Room												
	1,980	3,000	1,500	1,550				2,209	100%	1,990	758	2,000
Billiards/Games		Billiards/Games	Pool/Billiards	Game Room		Games & TV	Game Room					
Total Group 7	1,980	3,000	1,500	1,550		2,000	3,225	2,209	100%	1,990	758	2,000
Group 8: Lounge Space												
Multiple Lounge Areas	8,500	4,500	12,500	4,825	6,305	6,000	6,800	7,061	100%	6,305	12,862	10,000 reduce
Total Group 8	8,500	4,500	12,500	4,825	6,305	6,000	6,800	7,061	100%	6,305	12,862	10,000
Group 9: Academic Related												
	200	200	1,200	1,050	1,375	1,000	800	832	100%	1,000	-	3,000 new Info commons
Email Stations		Email Stations	Computer Labs	Computer Lounge	Computer Lounge	Computer Lab	Computer Lab					
Total Group 9	200	200	1,200	1,050	1,375	1,000	800	832	100%	1,000	-	3,000



	University of Connecticut	Western Kentucky University	University of Louisiana Lafayette	University of Nevada-Reno	Indiana University of Pennsylvania	University of New Orleans	University of Vermont	Average ASF	% of Building	Median ASF
Group 10: Student Organizations										
Undergrad Student Govt	2,160 SUBOG	1,010 USG	1,750 USG	485 President & VP	1,140	800	1,015	1,194	11%	1,015
Graduate Student Association				1,515				1,515	13%	1,515
Activities/Program Board		1,060	1,900		580	500		1,010	9%	820
Greek Council	110	1,400				500	800	703	6%	650
Media - Newspaper				805 Sagebrush		750 Driftwood	945 The Cynic	833	7%	805
Media - Radio	1,555 WHUS			1,010 Wolf Pack Radio			1,217 WRUV	1,261	11%	1,217
Media - Other	880 VCTV Studio		850 Yearbook	700 Flipside Productions				810	7%	850
Other Major Groups	2,160 Student Involvm	610 Volunteerism		870 Escort Service			815 Volunteers VIA	1,114	10%	843
General St Orgs/Clubs	3,607	1,840	2,700	2,070	3,145	1,080	1,867	2,330	20%	2,070
Shared Resources			375 Conference Room			500 Resource Area		438	4%	438
Miscellaneous	160							160	1%	160
Total Group 10	10,632	5,920	7,575	7,455	4,865	4,130	6,659	6,748	100%	6,659

Existing	University at Albany	Program
2,622 Student Assoc	adjust	2,600
577 GSA	adjust	600
650 Newspaper	maintain	650
1,527 Radio	maintain	1,527
847 Yearbook	adjust	800
3,999	adjust	5,000
10,222		12,177

	University of Albany						
	Existing	Remarks	Program				
Group 11A: Administrative	70 Lost & Found	new	600				
	273	new	1,000				
	2,043 St Activities	maintain	2,043				
	141 Security						
	1,591 SUNY Card Aux Services	maintain	1,591				
	1,001 Judicial	maintain	1,001				
	?						
	?						
	5,119		6,235				
Group 11B: Student Services	3,291 Registrar	maintain	3,291				
	5,872 Students Accounts	maintain	5,872				
	3,288 Financial Aid	maintain	3,288				
Total Group 11B	12,451		12,451				

	Average ASF	% of Building	Median ASF
	581	2%	629
	2,342	9%	2,080
	2,151	8%	1,665
	2,317	9%	2,189
	650	2%	760
	560	2%	560
	280	1%	280
	1,500	6%	1,500
	824	3%	952
	6,092	22%	6,092
	7,652	28%	7,652
	1,088	4%	1,243
	1,168	4%	1,168
	10,336	100%	9,163
	2,500	100%	2,500
	2,500	100%	2,500

	University of Connecticut	Western Kentucky University	University of Louisiana Lafayette	University of Nevada-Reno	Indiana University of Pennsylvania	University of New Orleans	University of Vermont
Group 11A: Administrative	629	800 Desk & Mgr Office	865 Info Desk Svcs	400	720	250	400
	4,736	2,080	1,555	2,440	3,290	850	1,442
	1,890	1,110		3,500 ASUN Admin	1,440	940	4,027
	3,400 Business Services	1,210 Volunteerism	1,200 Housing	3,584 Maint./Oper.			2,189 Operations
	305 One Card	760 ID Center		800 ID Card Center	280 I-Card		1,105 CatCard & Tickets
		560 LV/SAC					
			280				
		1,500				1,250	
		270	952				
		6,092					
Group 11B: Student Services		7,652					
	1,243	520	1,500				
	1,335 Art Gallery		1,000 Art Gallery				
	13,538	22,554	7,352	10,724	5,730	3,290	9,163
			2,500				
			2,500				

	University of Connecticut	Western Kentucky University	University of Louisiana Lafayette	University of Nevada-Reno	Indiana University of Pennsylvania	University of New Orleans	University of Vermont	Average ASF	% of Building	Median ASF	University at Albany	
											Existing	Remarks Program
Group 12: Multicultural												
Diversity Programs	18,427	2,260		1,500		540		5,682	68%	1,880	-	-
International Center	3,708					1,570		2,639	32%	2,639	-	-
Total Group 12	22,135	2,260		1,500		2,110		7,001	100%	2,185	-	-
Group 13: Fitness/Wellness												
Fitness Center:												
Control Desk/Staff Area					1,005			1,005	3%	1,005	-	new
Locker Rooms					2,400			2,400	7%	2,400		
Fitness Equip Area					13,325			13,325	38%	13,325		
Racquet Courts					3,200			3,200	9%	3,200		
Aerobic Studios					3,805			3,805	11%	3,805		
Child Minding Area					370			370	1%	370		
Golf Simulators					1,000			1,000	3%	1,000		
Counseling Center			2,685					2,685	8%	2,685		
Middle Earth Peer Counseling												
SHAPE												
Sexual Assault Research Ctr												
Disability Services		1,560						1,560	4%	1,560		relocate
Health Services			5,640					5,640	16%	5,640		relocate
Total Group 13		1,560	8,325		25,105			11,663	100%	8,325	1,118 Disability Svcs	1,118
												18,998

	University of Connecticut	Western Kentucky University	University of Louisiana Lafayette	University of Nevada-Reno	Indiana University of Pennsylvania	University of New Orleans	University of Vermont	Average ASF	% of Building	Median ASF	University at Albany Existing	University at Albany Remarks	Program
Group 14: Special/Miscellaneous													
Receiving	9,000						6,500	7,750	100%	7,750	833	Lab Space	3,000 New receiving
	Underground						Underground						
Lobby													
*Included in Another Group												Incl. Grossing Factor	*3000
Storage													
Main Kitchen Storage											330	Incl. Group 1	*600
Patron Room/Catering Svcs											400	Incl. Group 1	*400
Large Event Storage											272	Incl. Group 2	*1000
Meeting Room Storage/Support											0	Incl. Group 3	*300
Bookstore Storage											3,600	Incl. Group 4	*4000
Convenience Store Storage											428	Incl. Group 5	*428
Theater Storage											0	Incl. Group 6	*300
Student Org. Storage											387	Incl. Group 10	*500
Wheelchair Storage/Disability Svcs											0	Incl. Group 11	*150
Financial Aid Storage											860	Incl. Group 11	*860
Student Records Storage											1,045	Incl. Group 11	*1045
Registrar Storage											53	Incl. Group 11	*53
Fitness Center Storage											0	Incl. Group 13	*200
Middle Earth Storage											0	Incl. Group 13	*440
Intimatural Storage											0	Incl. Group 13	*100
*Included in Another Group													
Total Group 14	9,000						6,500	7,750	100%	7,750	833		3,000
Total Assignable SF	123,156	134,372	111,141	116,594	95,335	101,150	110,805				114,631		160,290
Total Building Gross SF	199,000	186,000	182,966	175,583	135,000	154,000	184,000				176,500		248,450

5. Recommended Design Concept

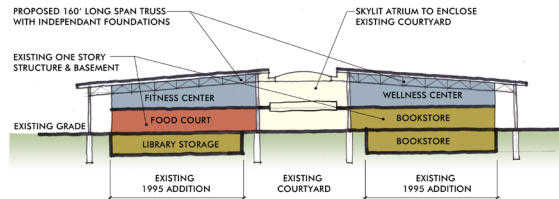


RECOMMENDED DESIGN CONCEPT

Introduction

The development of a recommended design concept was a highly collaborative process that evolved over many months. The planning team met on a regular basis with the Steering and Space Planning committees to evaluate a variety of ideas and concepts. Seven different concept options, some with multiple variations, were developed and the final version of Option G.2 is recommended in this section of the report. Options A through F are included in the Process section of this report.

The recommended concept (Option G.2) for expanding the Campus Center will feature a significant addition spanning above the podium level along the north side of the science library. This proposed addition will result in the enclosure of the existing outdoor courtyard with a multistory atrium-like space that will become the dynamic central public feature of the proposed design.



Longitudinal Section

Early in the planning process, it was determined that the one story podium and the one story podium extensions (connecting the Campus Center to the Science Library on the garden level) are not structurally capable of supporting vertical additions. The planning team examined multiple concepts with new structural systems that are structurally independent from the existing building. Option G.2 is based on a proposed structure with a series of new foundations in the existing court yard and outside the existing building footprint with a long span structural system in between. This can result in a new addition above the podium level that is one or more stories in height and free of internal columns.

Other factors that influenced the overall concept include aging infrastructure of the original building. Opened in 1967, the original facility is more than 40 years old. Many portions of the mechanical and electrical systems have not been updated or replaced and are beyond their useful life. The original HVAC system is energy wasteful and the pneumatic temperature control system is ineffective. The original single-paned glazing system is far below the sustainability standards for facilities today. Toilet rooms are undersized and not ADA compliant. Egress stairs do not meet current building codes. Interior finishes and lighting in many of the primary public spaces are in need of refurbishment.

Summary of Key Maintenance and Repair Issues

General/Architectural:

- Replace original vestibules, doors, and hardware
- Replace original single glazed windows with thermal framed / double glazing system
- Upgrade interior finishes in primary areas
- Replace 9"x 9" (suspected asbestos) floor tile
- Upgrade interior doors and hardware to be ADA compliant
- Upgrade majority of public restroom facilities
- Upgrade egress stairs / handrails to meet current code requirements
- Upgrade elevators
- Reconfigure existing main kitchen with selective replacement of kitchen equipment

Mechanical:

- Replace original HVAC system with a more efficient VAV system
- Replace the original pneumatic temperature controls with a complete DDC system
- Replace kitchen hood exhaust fans and modify discharge to meet current codes
- Install backflow prevention on domestic water main
- Replace main hot water heat exchanger
- Replace outdated pumps at podium fountain
- Fully sprinkler entire facility

Electrical:

- Refurbish original saucer lighting
- Update original recessed radial lighting at interior columns
- Replace majority of lighting in original 1967 building
- Replace original 1967 panel boards and receptacles
- Selectively replace original wiring
- Expand existing telecom system
- Update fire alarm system in 1995 addition

The overall concept was further influenced by several primary design issues:

Preserve the Historic Integrity of the Original Building

A good deal of consideration was given to the architectural significance of the original 1967 building designed by Edward Durrell Stone. The planning team considers the original structure as a unique landmark in campus design. A new addition with a direct connection to levels one or two of the original building would not fully respect the integrity of this landmark, and therefore was determined not to be the most appropriate direction for the project.

Provide a Stronger, More Appropriate Public Link Between the Podium and the Garden Levels

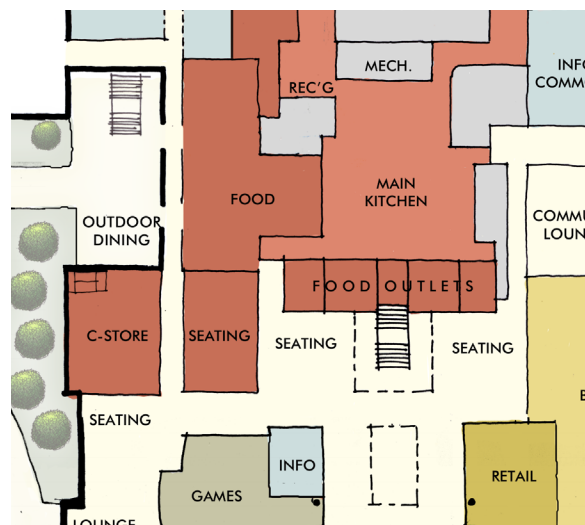
Option G.2 recommends replacing the existing central 'split' stair with a broader, more gracious public stair way to reinforce and strengthen the north-south axis of the facility. This will require the enlargement / redesign of the existing stairway opening and related life safety adjustments. Upon arriving at the bottom of this new stair, the visitor will be directly on axis with the new enclosed courtyard and fountain.

Strengthen the East-West Axis and Garden Level Entrances

Option G.2 shows new public entrances on the east and west sides of the garden level directly on axis with the new enclosed courtyard and fountain. These new public entrances will replace existing entrance on this level.



Flared Column Promenade and Facade



Recommended Reconfiguration to Stairs and Entrances



Proposed View - Atrium / Learning Garden



The Georgia Institute of Technology - Bookstore



DePaul University - Main Kitchen

Enclose the Courtyard to Create a Central Gathering / Programming Space

Enclose the existing garden level courtyard to create a two-story skylit space. Unlike the existing outdoor courtyard, the new interior courtyard will accommodate year-round use. It will be the grand public space of the new Campus Center. It is envisioned as a daily gathering space for students with comfortable lounge seating and cafe style tables and chairs for dining and study. It could also serve for a variety of University events, receptions, special performances, and as the starting point for campus tours.

Create a New Loading Dock to Improve Service and Deliveries

Currently, service deliveries and trash removal for the bookstore and food services occur through public spaces. Option G.2 proposes a new 3-bay loading dock on the reconfigured basement level. This new dock will provide direct load-in for deliveries to the bookstore and a basement level staging / support area for miscellaneous deliveries and trash removal from the food court area.

Maintain Secondary Delivery Access at the Southwest Side of the Current Facility

The existing service entrance (south of the existing bank on the garden level) is to be maintained for occasional deliveries. This helps to relieve public versus service conflicts in this portion of the facility.

Reconfigure Under-utilized Space on the Basement Level

The east and west basements are currently under-utilized as library storage areas. Consolidate all library storage from the east basement into the west basement. Remodel the east basement to house new expanded space for the bookstore, the new loading dock, and related staging / support area.

Reconfigure the Existing Food Court and Main Kitchen

The island of existing food outlets (subs / soups / sushi / Au Bon Pan) in the center of the food court should be relocated to the south wall of the main kitchen to provide better direct access to the main kitchen operation. The main kitchen should be reconfigured to include a redesigned dishwashing operation and remodeling of the existing employee locker area to provide a direct path for food deliveries from the service tunnel directly into the main kitchen and separate from trash leaving the facility.

Create a 'Late Night Zone' for Students

In the area vacated by the island of food outlets, create a new game room with table games, billiards, digital gaming, etc. Maintain the adjacent coffee and pizza operations to potentially work in tandem with the new game room as a 'late night zone' for students.

Create a new Health and Wellness Center

On level 1 of the new addition, create a comprehensive health / wellness / fitness center that includes wellness facilities, an aerobics studio, Middle Earth Peer Counseling, SHAPE, and other wellness and fitness components. The structural system proposed for the new addition will essentially allow this area to be column free.

Consolidate Student Activities with Student Clubs and Organizations

Consolidate the Student Activities Office with student clubs and organizations on level 3 of the facility. This will promote greater interaction between these important groups.

Enhance Learning Opportunities within the New Center

Provide for spaces that will reinforce the academic / educational mission of the University. These opportunities include the proposed new information commons, commuter lounge, interior courtyard, miscellaneous lounge spaces, as well as the new 400-450 seat multipurpose auditorium.

Replace the Patroon Room with a New Upscaled Dining Operation on Level 1

Create a new specialty dining operation on level 1 adjacent to the main lobby. This high visibility location will allow this new dining operation to serve as a vibrant lunch time venue for faculty, staff, and visitors. Its proximity to the new coffee kiosk provides another dimension as an early morning breakfast stop on the way to class and as an afternoon / evening venue for coffeehouse type performances.

Finally, an overall planning objective was to develop a recommended design concept that could be logically phased and sequenced in a manner that would minimize interruptions to students while maintaining key operations such as food services and the bookstore during the construction of the project. A preliminary Phasing Plan has been outlined and is included in the next section of this report.



Texas A & M University, Commerce - Billiards

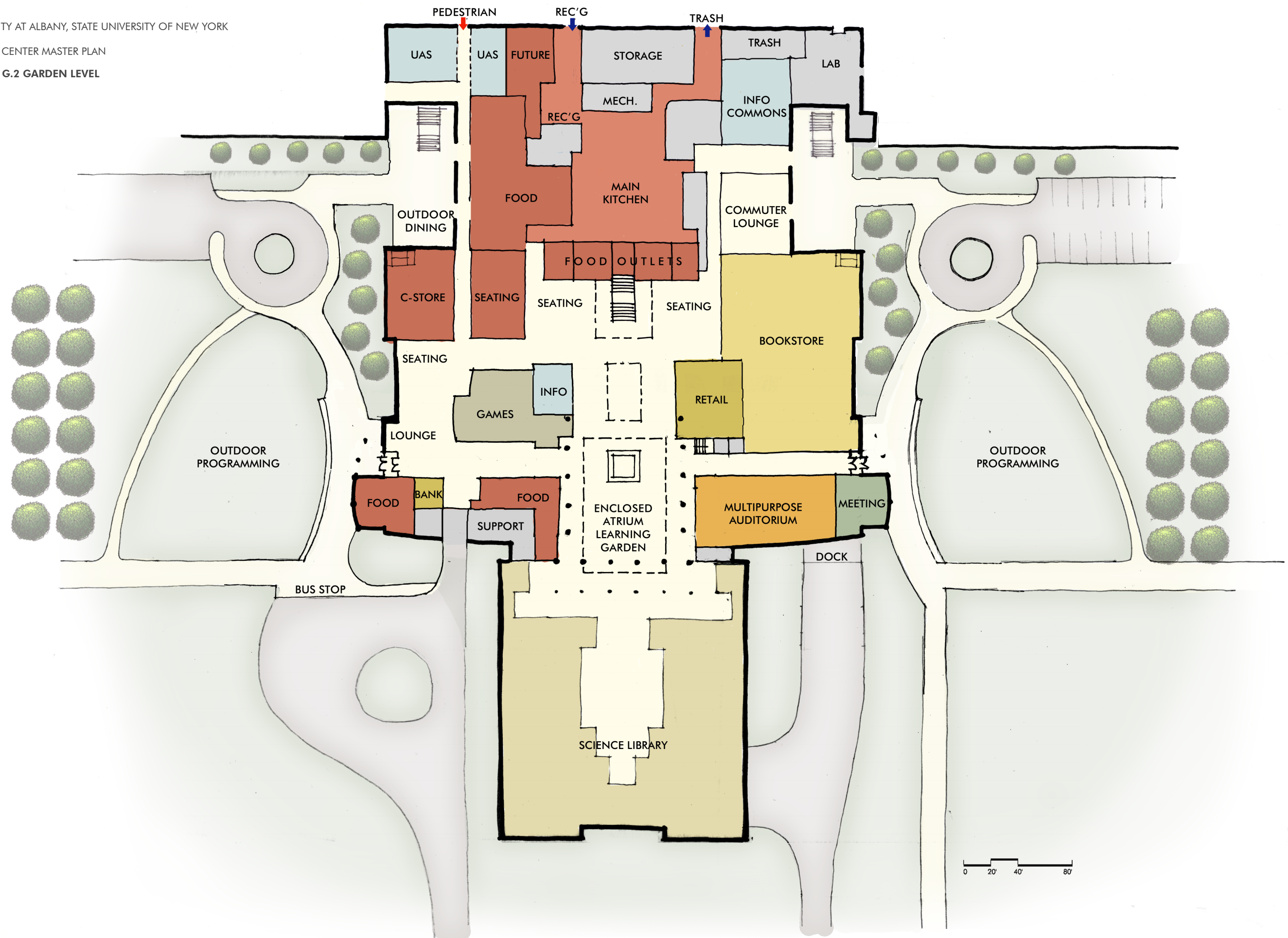


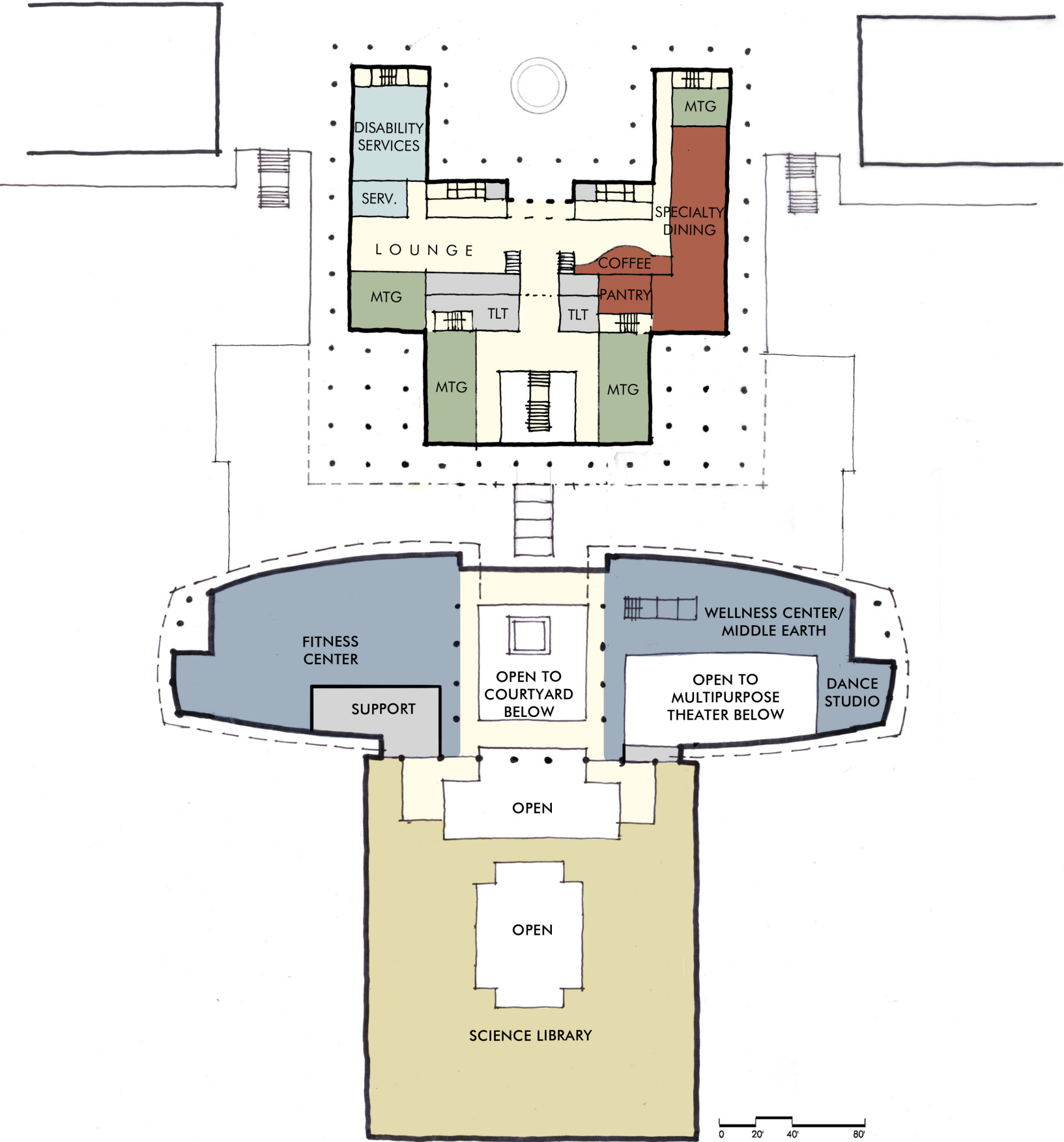
Texas A & M University, Commerce - Billiards

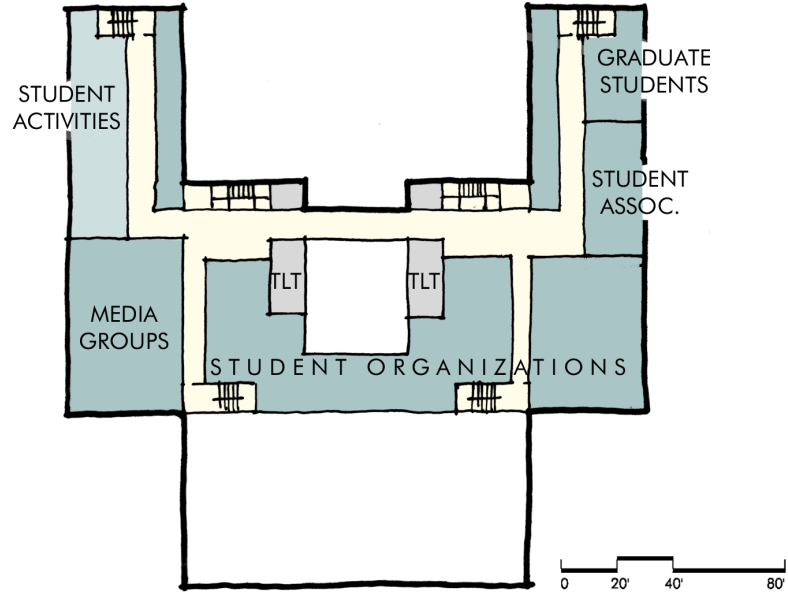
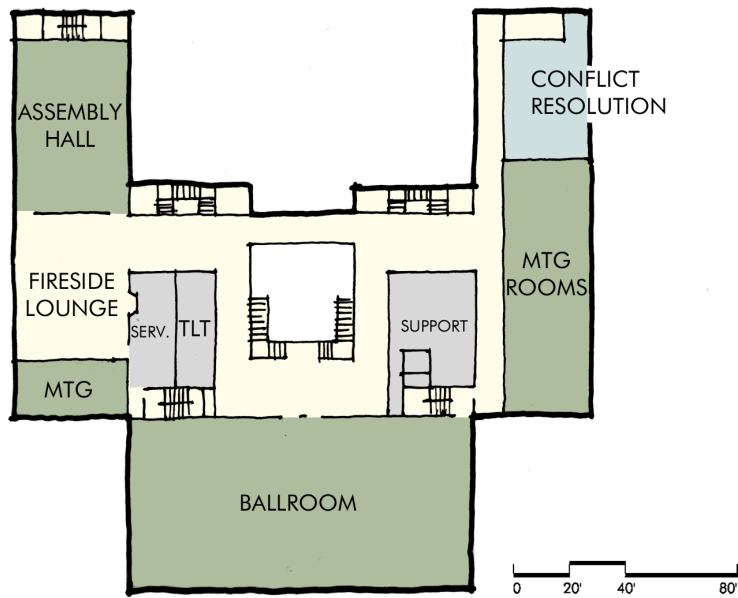


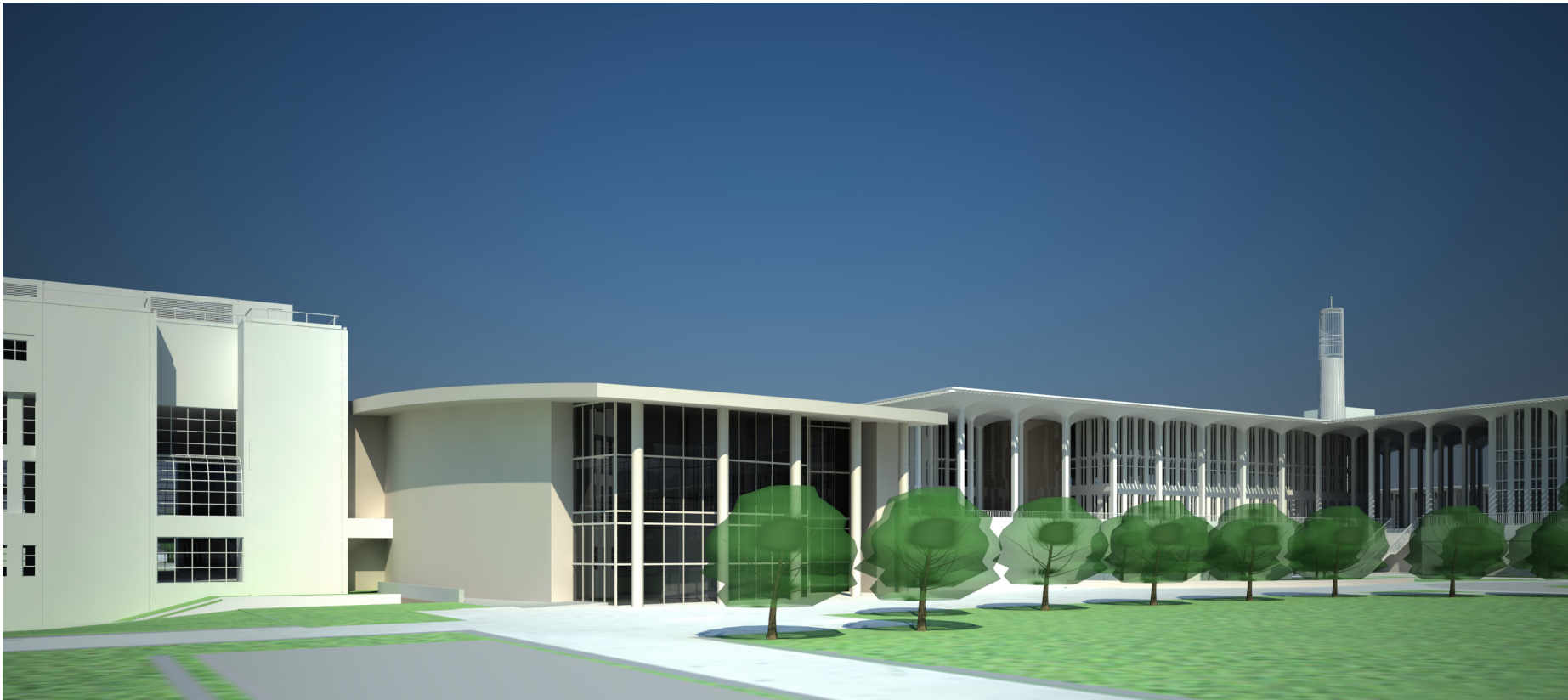
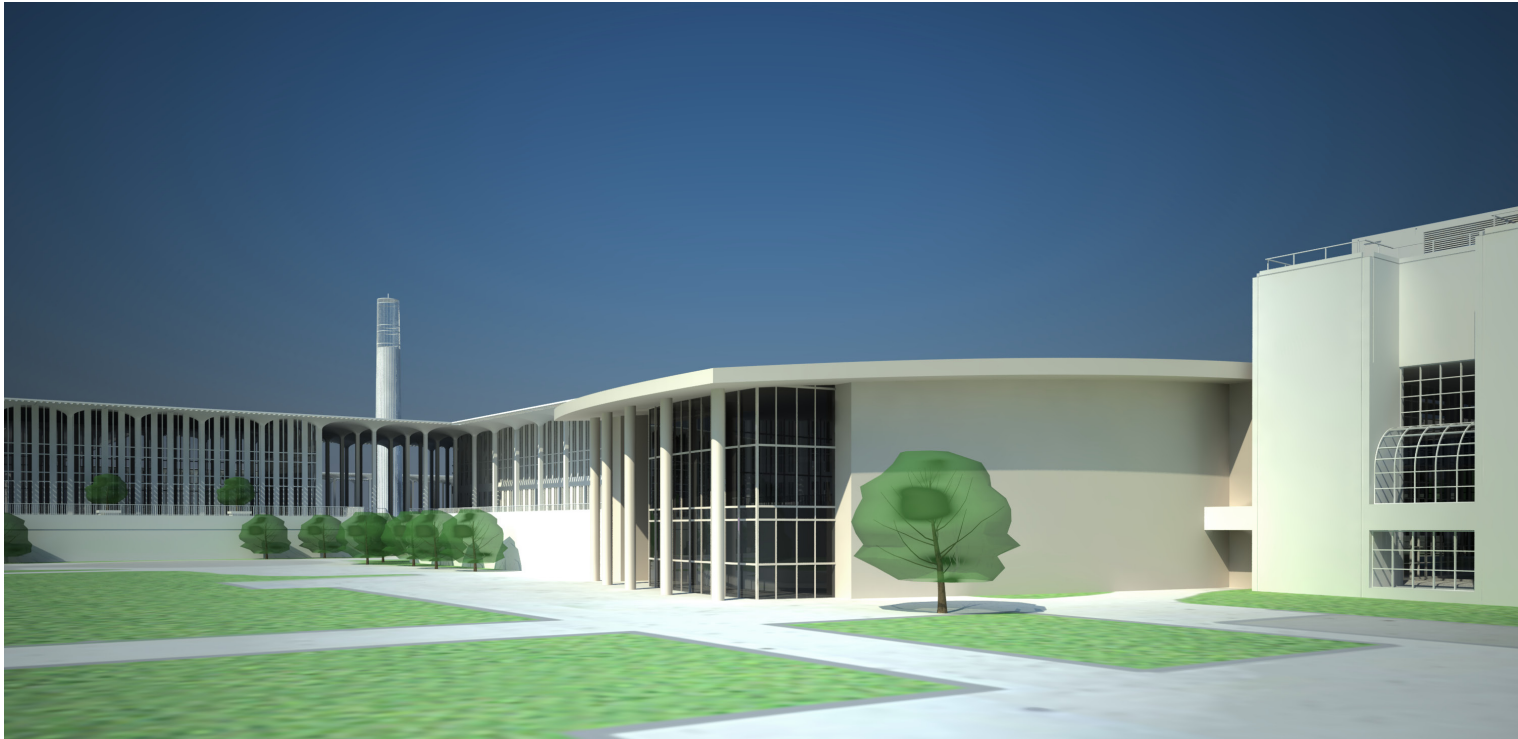
DePaul University - Food Court











6. Phasing Plan



PHASING PLAN

Introduction

The alignment of the program and potential funding with a proposed phasing plan is critical to the success of this project. The phasing plan, as outlined in this section of the report, was developed through multiple discussions with the Steering Committee and accomplishes the following objectives:

- Minimizes tenant relocations
- Maintains internal tenant relocations within the Campus Center itself and not to other locations on campus
- Provides a logical and cost effective sequence of renovations for the contractor
- Minimizes interruptions to key operations such as food service and the bookstore while other areas of the building are being renovated
- Provides improvements to high impact areas such as public spaces and related amenities in phases 1 and 2

One key to the phasing plan is the need for “swing space” during phase 3 of the project. This swing space could potentially be created on the garden level of the building if the student services groups (Registrar, Student Accounts, Student Services Center, and Financial Aid) are relocated from the Campus Center to another location on campus. This move is possible in the next several years so that phase 3 of the project can commence sometime in 2014. The swing space will temporarily house various student / administrative groups while the upper floors of the existing Campus Center are renovated.

The following phasing information is included in this section of the report:

Proposed Swing Space – Identified swing space areas on the garden level

Phasing Relocation Sequences for Option G.2 – A written outline of the phasing sequence

Phasing Plans – Basement, garden level, and levels 1, 2, 3 color coded by phase



Phasing Scenario for Option G.2

Phasing of the Campus Center project, is based on the following considerations: 1) minimize tenant relocations, 2) maintain tenant relocations within the campus center itself and not to other locations on campus, 3) provide a logical and cost effective sequence of renovations for the contractor, 4) maintain key operations such as food services and the bookstore while other areas of the building are being renovated, 5) address critical maintenance issues, and 6) give students 'biggest bang for the buck' in Phase 1 and 2.

	Objectives	Scope	Milestones
Phase 1	Maximize initial impact with a modest \$1 million budget	Renovate main entrance (level 1) with critical maintenance and finishes improvements to vestibule and foyer	Design to bid (July'09 - April'10) Construction (May'10 - Aug'10)
Phase 2A (SI \$)	Construct new expansion	Convert existing outdoor courtyard into a new central atrium New expansion to include a health / wellness / fitness center and auditorium	Design to bid (Jan'10 - April'11) Construction (May'11 - Aug'13)
Phase 2B (CM \$)	Renovate basement for bookstore Reconfigure central stair, main kitchen, and food service outlets	Convert existing basement into bookstore expansion with new loading dock Reconfigure central stair Reconfigure food service outlets to be adjacent to main kitchen	Design to bid (Jan'10 - April'11) Construction (May-Aug'13)
Phase 2C (CM \$)	Renovate existing garden level areas for bookstore, games area, and related food outlets	Renovate / reconfigure garden level of bookstore Complete auditorium interior Renovate new games area and adjacent food outlets	Design to bid (Jan'10 - April'11) Construction (Sept '13-'14)

	Objectives	Scope	Milestones
Phase 3A	Renovate east side of main tower (levels G, 1, 2, 3) of original building	<p>Vacate Student Services/Financial Aid to create swing spaces 1 & 2</p> <p>Relocate key east side operations into swing space 1</p> <p>Renovate east side of main tower (levels G, 1, 2, 3) of original building</p> <p>Upgrade building infrastructure</p>	<p>Design to bid (2013 - 2014)</p> <p>Construction (May'15 - Aug'17)</p>
Phase 3B	Renovate west side of main tower (levels G, 1, 2, 3) of original building	<p>Occupy completed space in the east wing. Continue occupancy of all or part of swing space 1 if needed.</p> <p>Vacate west side operations into swing space 2 and completed space in the east wing</p> <p>Close Wendy's, renovate west side of main tower (levels G, 1, 2, 3) of original building</p> <p>Upgrade building infrastructure</p>	<p>Design to bid (2013 - 2014)</p> <p>Construction (Sept'17 - Aug'19)</p> <p>Design to bid (2013 - 2014)</p> <p>Construction (Sept'19 - Aug'20)</p>
Phase 3C	Renovate balance of existing facility	Renovate balance of existing facility with selective improvements in key areas depending on available funding	<p>Design to bid (2013 - 2014)</p> <p>Construction (Sept'20 - Aug'21)</p>



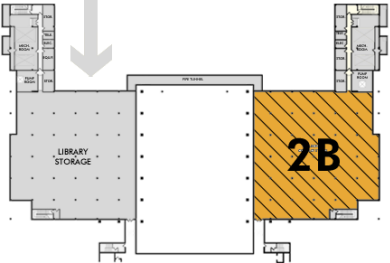
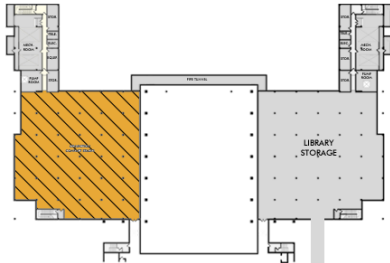
STUDENT ORGANIZATION
STAFF
FOOD SERVICE
CONTRACTOR

START

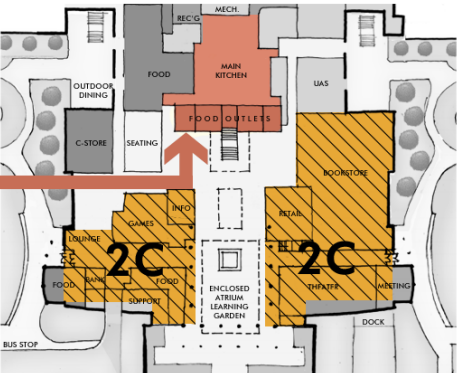
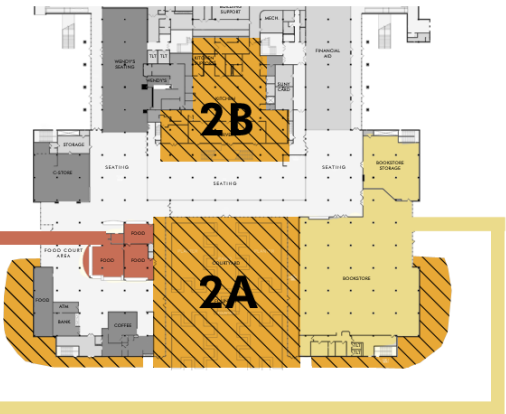
PHASE 2A/2B

PHASE 2C

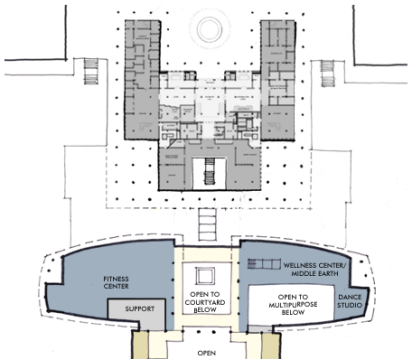
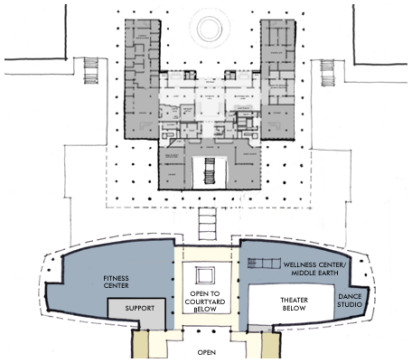
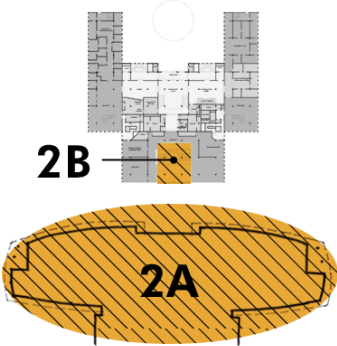
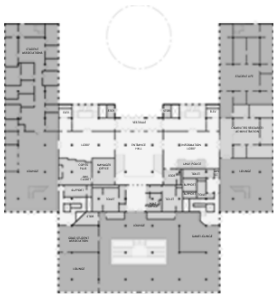
FINISH



BASEMENT



GARDEN LEVEL



LEVEL 1

STUDENT ORGANIZATION
 STAFF
 FOOD SERVICE
 CONTRACTOR

PHASE 3 RELOCATION SEQUENCE

START
 VACATE
 STUDENT SERVICES

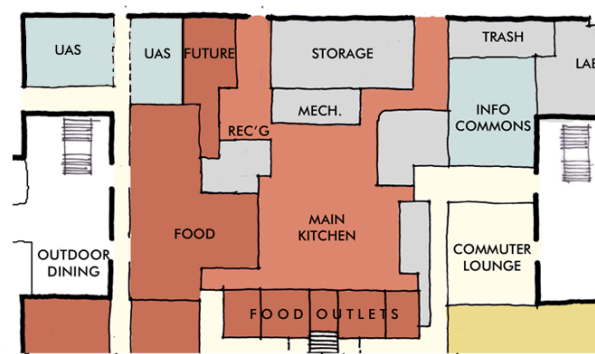
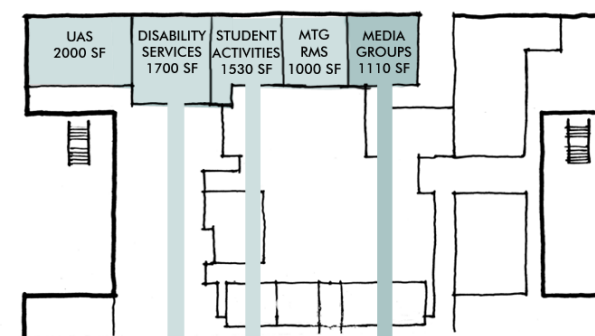
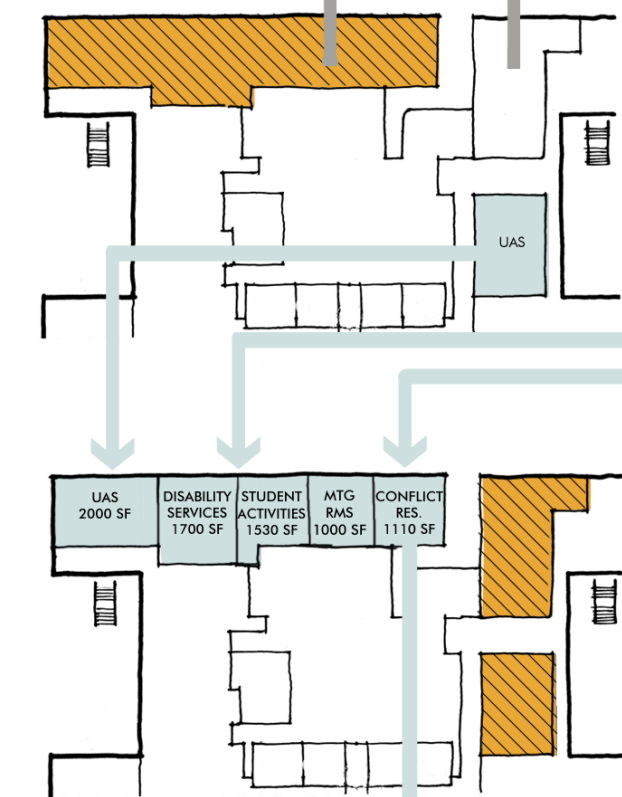
PHASE 3A
 RENOVATE
 EAST SIDE

PHASE 3B
 RENOVATE
 WEST SIDE

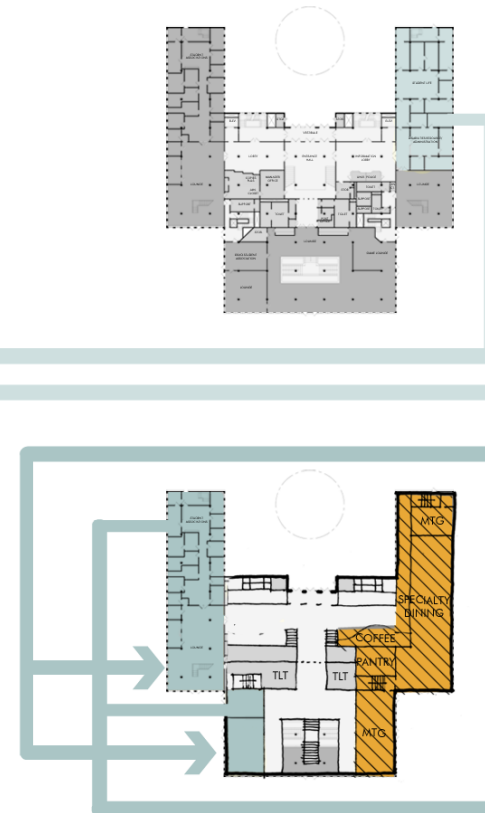
FINISH

RELOCATE STUDENT SERVICES TO
 NEW LOCATION ELSEWHERE ON CAMPUS

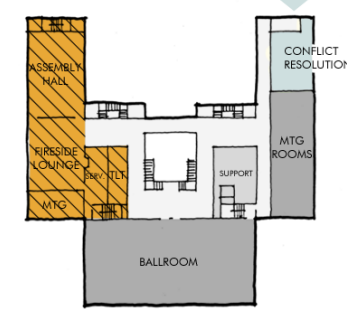
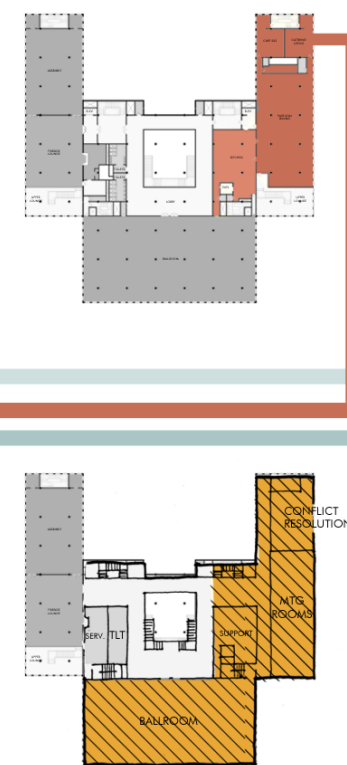
TEMPORARILY
 RELOCATE
 PATROONS
 ELSEWHERE
 ON CAMPUS



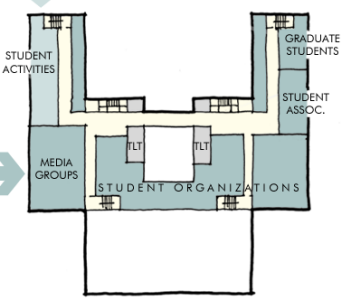
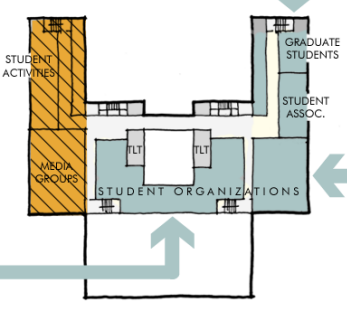
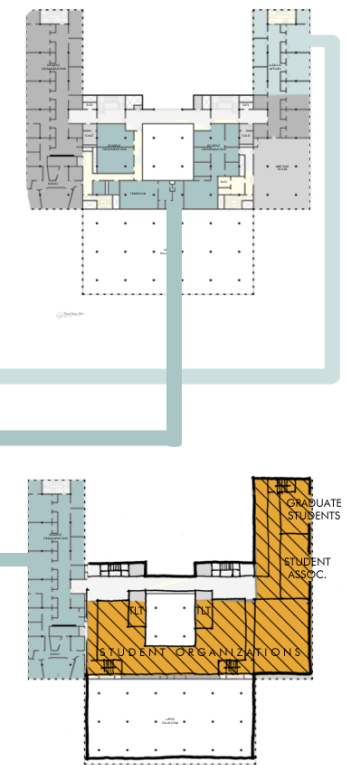
GARDEN LEVEL



LEVEL 1



LEVEL 2

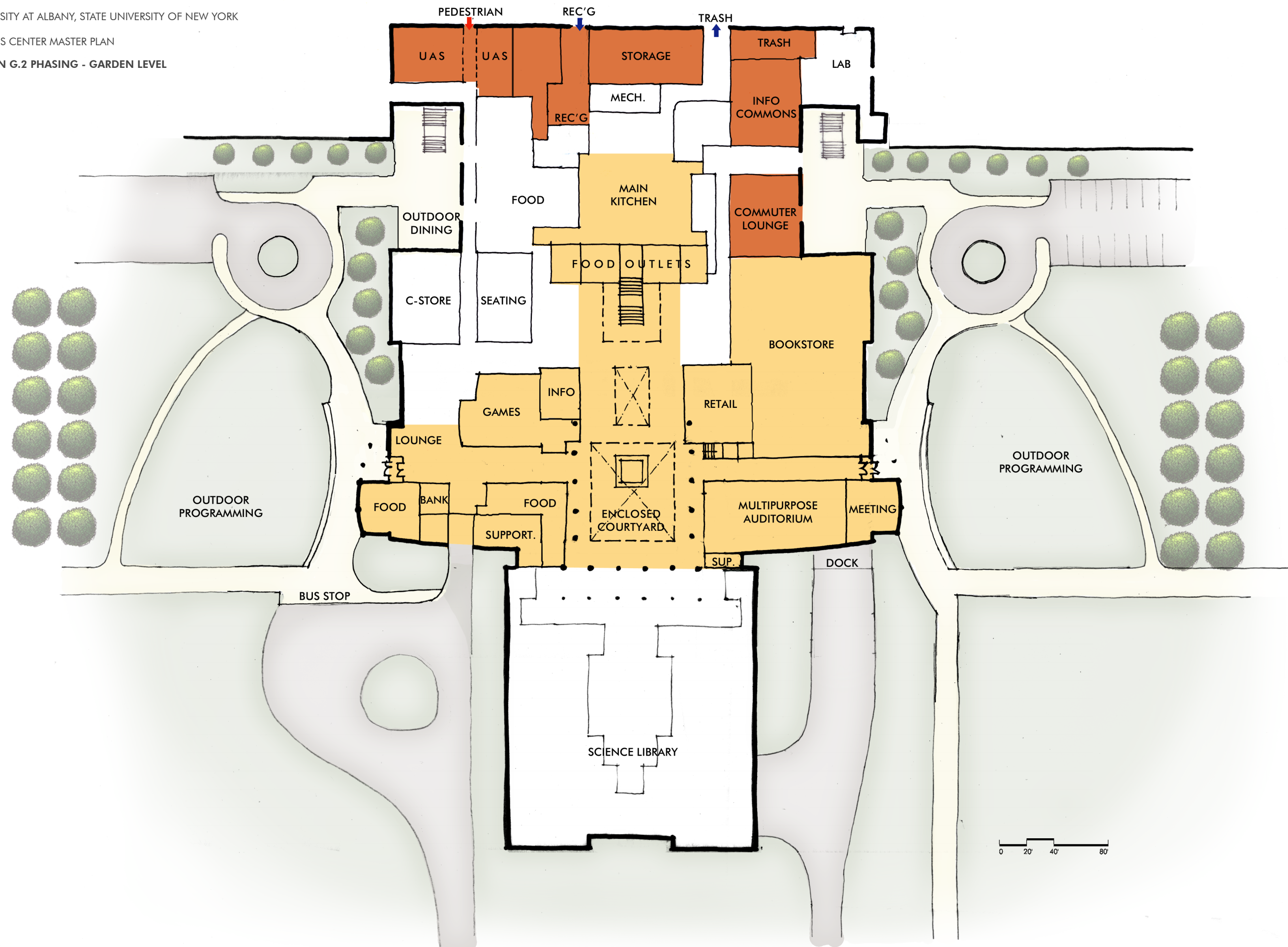


LEVEL 3

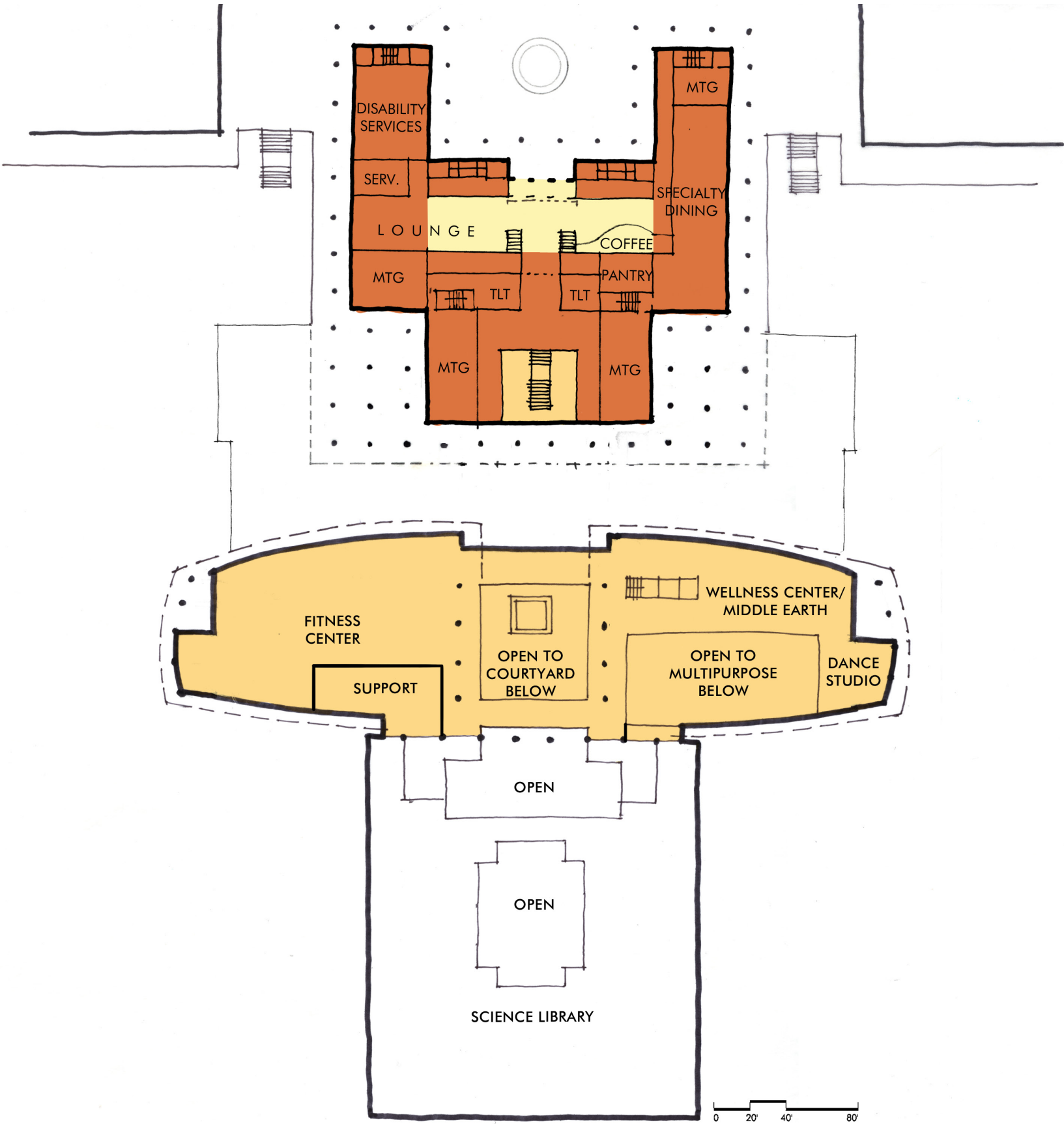
PHASE I
PHASE II
PHASE III



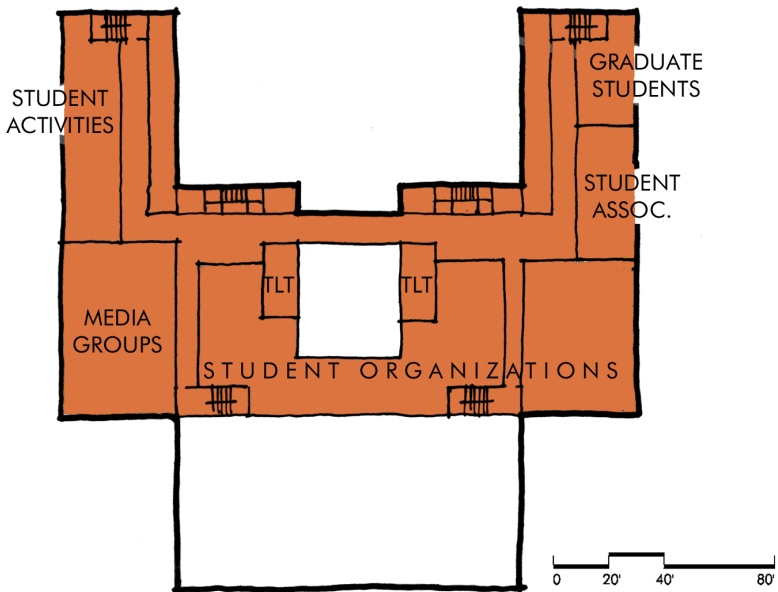
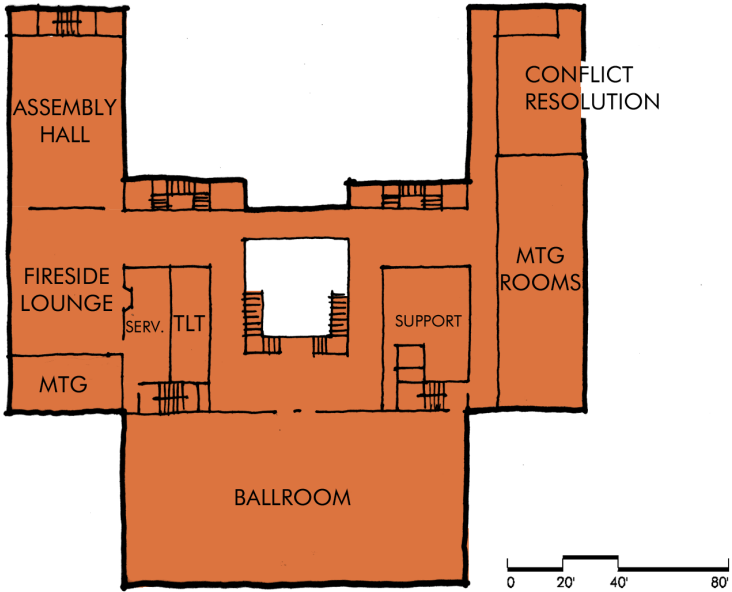
PHASE I
 PHASE II
 PHASE III



PHASE I
PHASE II
PHASE III



PHASE I
PHASE II
PHASE III



7. Probable Cost



PROBABLE COST

Introduction

In collaboration with our cost consultant, VJ Associates, the planning team developed a conceptual cost model for each design option presented to the University. For the preferred design Option G.2, a more detailed concept estimate was prepared. Since the plans for the Campus Center are simple concepts at this point and not fully developed design drawings, the estimated costs are also “conceptual” in nature and based on probable per-square-foot costs for similar projects comparable in size and scope.

The following cost information is included in this section of the report:

Cost Model for Option G.2 – The cost model developed by the planning team, color coded by phase

Concept Estimate for Option G.2 – The related estimate prepared by our cost consultant, with a more detailed breakdown of probable costs.



	JAN	FEB	MARCH	APRIL	MAY	JUNE
TRAVEL	111.25	134.75	120.75	115.00	215.00	100.00
EXPENSES	144.00	43.20	17.50	7.20	215.00	100.00
CHANGES	175.00	175.00	175.00	175.00	175.00	175.00
COMPUTER	1120.00	932.00	1100.00	1000.00	1000.00	1000.00
INSURANCE	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00
200A	1111.25	1111.25	1111.25	1111.25	1111.25	1111.25
LIFE	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
MEDICAL	950.00	950.00	950.00	950.00	950.00	950.00
LEGAL	28.75	28.75	28.75	28.75	28.75	28.75
OFFICE SUPPLIES	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00
RENT	1221.47	1221.47	1221.47	1221.47	1221.47	1221.47
REPAIRS	761.01	761.01	761.01	761.01	761.01	761.01
CHANGES	415.01	415.01	415.01	415.01	415.01	415.01
RES	361.24	361.24	361.24	361.24	361.24	361.24
TOTAL	1471.40	1471.40	1471.40	1471.40	1471.40	1471.40

Cost Model for Option G.2

Probable Sitework

Sitework costs typically include site improvements directly related/immediately adjacent to the proposed facility, such as new walkways, landscaping, utility adjustments, etc.

Probable Hard Construction Costs

The probable construction costs shown below are based upon typical per-sq-ft costs for projects similar in size and scope. These probable budgets were based on January 2009 cost collars and would be adjusted for future inflation.

Probable Soft Costs

Soft costs have been budgeted at 30% times the cost of construction. Soft costs typically include movable furniture, furnishings, equipment, development costs, financing fees, professional fees, insurance and legal fees, computer/data systems, telephone equipment, moving expenses and other costs not directly related to the building construction.

		New Construction GSF	Renovation GSF	Cost/GSF	Cost
Phase 1 Renovate Existing Main Entrance Lobby					
Misc.	Main Entrance & Foyer Upgrades		4,000	\$250	\$1,000,000
	Subtotal - Hard Construction Cost	0	4,000	\$250	\$1,000,000
	Contingencies & Inflation @ 20%				\$200,000
	Soft Costs @ 30%				\$300,000
	Total Project Cost				\$1,500,000
Phase 2A Build new expansion					
Basic Scope	New East/West Additions (Level 1)	24,500		\$350	\$8,575,000
	New East/West Additions (Garden Level)	2,500		\$350	\$875,000
	New Central Addition (Garden Level)	13,600		\$350	\$4,760,000
	New Atrium at Courtyard	3,600		\$400	\$1,440,000
	Special atrium exhaust system ???			\$0	\$0
	New Theater (Garden Level)	5,000		\$400	\$2,000,000
	Food Court & Circulation reconfigurations		4,500	\$100	\$450,000
Sitework	Site Improvements				\$1,000,000
	Subtotal - Hard Construction Cost	49,200	4,500	\$356	\$19,100,000
	Contingencies & Inflation @ 20%				\$3,820,000
	Soft Costs @ 30%				\$5,730,000
	Total Project Cost				\$28,650,000

		New Construction GSF	Renovation GSF	Cost/GSF	Cost
Phase 2B	Renovate Bookstore (basement), Main Kitchen/Food Services, central stair and related public spaces				
	Construct new dock at basement level	800		\$500	\$400,000
	Renovate existing bsmt for shipping/receiving		3,000	\$100	\$300,000
	Renovate existing bsmt for bookstore (white box)		9,500	\$100	\$950,000
	Relocate dishwasher & consolidate exg kitchen (white box)		5,500	\$200	\$1,100,000
	Renovate existing servery into food outlets (white box)		5,300	\$200	\$1,060,000
	Reconfigure existing central stair area (levels 1&2)		4,200	\$300	\$1,260,000
Sitework	Site Improvements at new loading dock				\$500,000
	Subtotal - Hard Construction Cost	800	27,500	\$197	\$5,570,000
	Contingencies & Inflation @ 20%				\$1,114,000
	Soft Costs @ 30%				\$1,671,000
	Total Project Cost				\$8,355,000
Phase 2C	Renovate Bookstore (garden level), Games Area, adjacent Food Services, and related public spaces				
	Renovate garden level bookstore (white box)		11,800	\$100	\$1,180,000
	New game room & lounge areas (garden level)		3,500	\$150	\$525,000
	Renovate existing seating/circulation areas		10,000	\$60	\$600,000
	Renovate retail level 1 (white box)		1,600	\$100	\$160,000
	Subtotal - Hard Construction Cost	0	26,900	\$92	\$2,465,000
	Contingencies & Inflation @ 20%				\$493,000
	Soft Costs @ 30%				\$739,500
	Total Project Cost				\$3,697,500
Phase 3A	Vacate existing Student Services area (create 8,800 net sf swing space 1) Vacate existing Financial Aid+former bookstore storage area (create 6,000 net sf swing space 2) Relocate east side offices (8,000 net sf) from levels 1&3 to swing space 1 Close or temporarily relocate Patroon's Renovate east side levels G, 1, 2, 3				
Basic Scope	Renovate east side levels 1, 2, 3		28,800	\$150	\$4,320,000
	Renovate east side (garden level)		8,000	\$150	\$1,200,000
	Toilets/special east side areas		3,000	\$300	\$900,000
	Infrastructure improvements (east side) allowance				\$1,000,000
	Subtotal - Hard Construction Cost	0	39,800	\$186	\$7,420,000
	Contingencies & Inflation @ 30%				\$2,226,000
	Soft Costs @ 30%				\$2,226,000
	Total Project Cost				\$11,872,000

		New Construction GSF	Renovation GSF	Cost/GSF	Cost
Phase 3B	Vacate swing space 1 into the east wing Relocate west side offices (12,000 net sf from levels 1&3) to swing space 2 and newly renovated east side Relocate Assembly Hall programs to new theater or elsewhere on campus Renovate west side levels G, 1, 2, 3				
Basic Scope	Renovate west side levels 1, 2, 3		28,800	\$150	\$4,320,000
	Renovate west side (garden level)		10,000	\$150	\$1,500,000
	Toilets/special west side areas		3,000	\$300	\$900,000
	Infrastructure improvements (west side) allowance				\$1,000,000
	Subtotal - Hard Construction Cost	0	41,800	\$185	\$7,720,000
	Contingencies & Inflation @ 30%				\$2,316,000
	Soft Costs @ 30%				\$2,316,000
	Total Project Cost				\$12,352,000

Phase 3C	Selective renovations in balance of existing facility				
	Selective renovation allowance for balance of existing facility		20,000	\$150	\$3,000,000
	Exterior Envelope				\$1,500,000
					\$0
	Subtotal - Hard Construction Cost	0	20,000	\$225	\$4,500,000
	Contingencies & Inflation @ 30%				\$1,350,000
	Soft Costs @ 30%				\$1,350,000
	Total Project Cost				\$7,200,000

Total for Phases 1, 2, 3					
	Total Gross SF	50,000	137,600		
	Phase 1 - Project Cost				\$1,500,000
	Phase 2 - Project Cost				\$40,702,500
	Phase 3 - Project Cost				\$31,424,000
	Total Project Cost				\$73,626,500

	Relocation of Student Services to alternative location elsewhere on campus This will be accomplished as a separately funded project				
	Relocate Student Services staff/offices		15,000	\$150	\$2,250,000
					\$0
	Subtotal - Hard Construction Cost	0	15,000	\$150	\$2,250,000
	Contingencies & Inflation @ 30%				\$675,000
	Soft Costs @ 30%				\$675,000
	Total Project Cost				\$3,600,000

- Notes
- [1] Construction costs do not include furniture, fixtures, and equipment.
 - [2] Food service areas do not include food service equipment and FF&E tables & chairs.
 - [3] Retail areas are planned as 'white box' retail and do not include store fixturing.

Concept Estimate for Option G.2

Qualifications

1. A-E fees are excluded.
2. Include 20-30% design contingency and escalation.
3. Overtime is excluded.
4. The following items are excluded and not in estimate:
 - FF&E
 - Food Service Equipment
 - FF&E Tables and Chairs.
5. Unit price included general conditions, OH and profit.
6. Retail areas are planned as 'White box' retails and do not include store fixturing.
7. Asbestos abatement, lead paint and hazardous materials removals are excluded.
8. VJ Associates estimate is based on the documents and information provided by WTW Architects, dated July 2009.



ASSOCIATES
A CONSTRUCTION CONSULTING FIRM

100 DUFFY AVENUE, HICKSVILLE NY 11801

PHASE - 1

DIVISION TITLE		TOTAL CONSTRUCTION AMOUNT
2A	BUILDING DEMOLITION	20,000
2B	SITE CONSTRUCTION (EXCLUDE DEMOLITION)	N/A
3	CONCRETE	0
4	MASONRY	0
5	METALS	10,000
6	WOOD & PLASTICS	31,000
7	THERMAL & MOISTURE PROTECTION	0
8	DOORS AND WINDOWS	106,000
9	FINISHES	393,000
10	SPECIALTIES	20,000
11	EQUIPMENT	0
12	FURNISHINGS	Exclude
13.1	SPECIAL CONSTRUCTION	0
13.2	HAZARDOUS MATERIAL ABATEMENT	0
14	CONVEYING SYSTEMS	100,000
15.1	MECHANICAL (HVAC)	144,000
15.2	MECHANICAL (PLUMBING)	8,000
15.3	MECHANICAL (FIRE PROTECTION)	24,000
16	ELECTRICAL	144,000
SUB TOTAL		\$1,000,000
DESIGN CONTINGENCY & INFLATION 20.0%		200,000
SOFT COST 30.0%		300,000
TOTAL		\$1,500,000

PHASE - 1 DESCRIPTION		QUANTITY	UNIT	UNIT PR	AMOUNT
2A BUILDING DEMOLITION					
Interior demolition		4,000	SF	5.00	20,000

					20,000
2B SITE CONSTRUCTION (EXCLUDE DEMOLITION)					

					0
3 CONCRETE					

					0
4 MASONRY					

					0
5 METALS					
MISC IRONWORK					
Misc metalwork		4,000	SF	2.50	10,000

					10,000
6 WOOD & PLASTICS					
ROUGH CARPENTRY					
Rough carpentry		4,000	SF	1.50	6,000
MILLWORK					
Security desk		1	LS	25,000.00	25,000

					31,000

PHASE - 1				
DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
7 THERMAL & MOISTURE PROTECTION				

				0
8 DOORS AND WINDOWS				
DOORS, FRAMES AND HARDWARE				
Interior doors	4	EA	1,500.00	6,000
EXTERIOR STOREFRONT				
Exterior storefront curtainwall	800	SF	75.00	60,000
Entrance vestibule doors	4	PR	10,000.00	40,000

				106,000
9 FINISHES				
WALLS				
Allowance for patch and repair of existing walls to remain disturbed by new architectural and MEP construction.	1	LS	10,000.00	10,000
FLOOR FINISHES				
Main Lobby flooring	4,000	SF	30.00	120,000
BASE				
Main Lobby base	400	LF	25.00	10,000
WALL FINISHES				
Main Lobby wall finishes	6,000	SF	25.00	150,000
CEILINGS				
Main Lobby wall ceilings	4,000	SF	25.00	100,000
Misc painting, wall coverings, etc.	4,000	SF	0.75	3,000

				393,000

PHASE - 1 DESCRIPTION		QUANTITY	UNIT	UNIT PR	AMOUNT
10 SPECIALTIES					
Misc specialties		4,000	SF	5.00	20,000

					20,000
11 EQUIPMENT					

					0
12 FURNISHINGS					
Furnish and install loose furniture, fixtures and equipment					Exclude

					Exclude
13.1 SPECIAL CONSTRUCTION					

					0
13.2 HAZARDOUS MATERIAL ABATEMENT					
Hazardous material abatement - allowance		4,000	SF		0

					0
14 CONVEYING SYSTEMS					
Refinish existing stairs with glass railings		2	FLT	50,000.00	100,000

					100,000
15.1 MECHANICAL (HVAC)					
HVAC		4,000	SF	36.00	144,000

					144,000

PHASE - 1 DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
15.2 MECHANICAL (PLUMBING)				
Plumbing	4,000	SF	2.00	8,000

				8,000
15.3 MECHANICAL (FIRE PROTECTION)				
Fire protection	4,000	SF	6.00	24,000

				24,000
16 ELECTRIC				
Electrical	4000	SF	36.00	144,000

				144,000

PHASE - 2A

DIVISION TITLE		TOTAL CONSTRUCTION AMOUNT
2A	BUILDING DEMOLITION	22,500
2B	SITE CONSTRUCTION (EXCLUDE DEMOLITION)	1,075,100
3	CONCRETE	1,038,800
4	MASONRY	0
5	METALS	1,873,500
6	WOOD & PLASTICS	1,111,500
7	THERMAL & MOISTURE PROTECTION	1,617,400
8	DOORS AND WINDOWS	2,134,500
9	FINISHES	3,150,500
10	SPECIALTIES	598,500
11	EQUIPMENT	0
12	FURNISHINGS	Exclude
13.1	SPECIAL CONSTRUCTION	0
13.2	HAZARDOUS MATERIAL ABATEMENT	0
14	CONVEYING SYSTEMS	400,000
15.1	MECHANICAL (HVAC)	2,338,500
15.2	MECHANICAL (PLUMBING)	1,437,000
15.3	MECHANICAL (FIRE PROTECTION)	308,700
16	ELECTRIC	1,993,500
SUB TOTAL		\$19,100,000
DESIGN CONTINGENCY & INFLATION 20.0%		3,820,000
SOFT COST 30.0%		5,730,000
TOTAL		\$28,650,000

PHASE - 2A				
DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
2A BUILDING DEMOLITION				
Interior Demolition - food court & circulation reconfiguration	4,500	SF	5.00	22,500

				22,500
2B SITE CONSTRUCTION (EXCLUDE DEMOLITION)				
Excavation				
Bulk Excavation	761	CY	35.00	26,635
Pit & trench excavation	1,077	CY	45.00	48,465
Site Improvement Allowance	1	LS	1,000,000.00	1,000,000

				1,075,100
3 CONCRETE				
SUBSTRUCTURE				
Concrete footing	239	CY	900.00	215,100
Grade beam	120	CY	900.00	108,000
Slab on grade	24,700	SF	15.00	370,500
SUPERSTRUCTURE				
Concrete over metal deck	49,200	SF	6.00	295,200
Misc concrete equipment pads and curbs	1	LS	50,000.00	50,000

				1,038,800
4 MASONRY				

				0
5 METALS				
SUPERSTRUCTURE				
Structural steel @ 12#/SF	300	TON	4,000.00	1,200,000
Metal deck	49,200	SF	5.00	246,000
Metal canopy	4,000	SF	75.00	300,000
MISC IRONWORK				
Misc metalwork - new construction	49,200	SF	2.50	123,000
Misc metalwork - food court & circulation reconfiguration	4,500	SF	1.00	4,500

				1,873,500

PHASE - 2A				
DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
6 WOOD & PLASTICS				
Rough & finish carpentry - new construction	49,200	SF	22.50	1,107,000
Rough & finish carpentry - food court & circulation reconfiguration	4,500	SF	1.00	4,500

				1,111,500
7 THERMAL & MOISTURE PROTECTION				
Exterior metal panel wall w/ backup	12,900	SF	60.00	774,000
Roofing & waterproofing - new construction	24,700	SF	25.00	617,500
Spray on Fireproofing new construction	49,200	SF	2.50	123,000
Misc caulking & fire stopping - new construction	49,200	SF	2.00	98,400
Misc caulking & fire stopping - food court & circulation reconfiguration	4,500	SF	1.00	4,500

				1,617,400
8 DOORS AND WINDOWS				
Exterior curtain wall	8,600	SF	100.00	860,000
Exterior entrance vestibule doors	4	PR	10,000.00	40,000
Doors & Windows (Interior) - new construction	49,200	SF	25.00	1,230,000
Doors & Windows - food court & circulation reconfiguration	4,500	SF	1.00	4,500

				2,134,500
9 FINISHES				
Finishes & partitions - new construction				
East/west addition level 1	24,500	SF	60.00	1,470,000
East/west addition Garden level	2,500	SF	60.00	150,000
Central addition (garden level)	13,600	SF	60.00	816,000
Atrium at courtyard	3,600	SF	70.00	252,000
Theater (garden Level)	5,000	SF	70.00	350,000
Finishes & partitions - food court & circulation reconfiguration	4,500	SF	25.00	112,500

				3,150,500

PHASE - 2A DESCRIPTION		QUANTITY	UNIT	UNIT PR	AMOUNT
10 SPECIALTIES					
Misc Specialties - New Construction					
East/west addition level 1		24,500	SF	10.00	245,000
East/west addition Garden level		2,500	SF	10.00	25,000
Central addition (garden level)		13,600	SF	10.00	136,000
Atrium at courtyard		3,600	SF	15.00	54,000
Theater (garden Level)		5,000	SF	25.00	125,000
Misc specialties - food court & circulation reconfiguration		4,500	SF	3.00	13,500

					598,500
11 EQUIPMENT					

					0
12 FURNISHINGS					
Furnish and install loose furniture, fixtures and equipment					
					Exclude

					Exclude
13.1 SPECIAL CONSTRUCTION					

					0
13.2 HAZARDOUS MATERIAL ABATEMENT					
Hazardous material abatement - allowance					
		4,500	SF	0.00	0

					0
14 CONVEYING SYSTEMS					
Elevator at new construction		1	EA	250,000.00	250,000
Stairs		2	FLT	75,000.00	150,000

					400,000

PHASE - 2A				
DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
15.1 MECHANICAL (HVAC)				
HVAC - New Construction				
East/west addition level 1	24,500	SF	40.00	980,000
East/west addition Garden level	2,500	SF	40.00	100,000
Central addition (garden level)	13,600	SF	40.00	544,000
Atrium at courtyard	3,600	SF	70.00	252,000
Theater (garden Level)	5,000	SF	70.00	350,000
HVAC - food court & circulation reconfiguration	4,500	SF	25.00	112,500

				2,338,500
15.2 MECHANICAL (PLUMBING)				
Plumbing - New Construction				
East/west addition level 1	24,500	SF	30.00	735,000
East/west addition Garden level	2,500	SF	30.00	75,000
Central addition (garden level)	13,600	SF	30.00	408,000
Atrium at courtyard	3,600	SF	15.00	54,000
Theater (garden Level)	5,000	SF	15.00	75,000
Plumbing - food court & circulation reconfiguration	4,500	SF	20.00	90,000

				1,437,000
15.3 MECHANICAL (FIRE PROTECTION)				
Fire protection New Construction	49,200	SF	6.00	295,200
Fire protection- food court & circulation reconfiguration	4,500	SF	3.00	13,500

				308,700
16 ELECTRIC				
Electrical New Construction				
East/west addition level 1	24,500	SF	35.00	857,500
East/west addition Garden level	2,500	SF	35.00	87,500
Central addition (garden level)	13,600	SF	35.00	476,000
Atrium at courtyard	3,600	SF	50.00	180,000
Theater (garden Level)	5,000	SF	65.00	325,000
Electrical - food court & circulation reconfiguration	4,500	SF	15.00	67,500

				1,993,500

PHASE - 2B

DIVISION TITLE		TOTAL CONSTRUCTION AMOUNT
2A	BUILDING DEMOLITION	338,000
2B	SITE CONSTRUCTION (EXCLUDE DEMOLITION)	500,000
3	CONCRETE	225,000
4	MASONRY	0
5	METALS	132,500
6	WOOD & PLASTICS	184,100
7	THERMAL & MOISTURE PROTECTION	94,900
8	DOORS AND WINDOWS	538,800
9	FINISHES	1,607,500
10	SPECIALTIES	159,600
11	EQUIPMENT	0
12	FURNISHINGS	Exclude
13.1	SPECIAL CONSTRUCTION	0
13.2	HAZARDOUS MATERIAL ABATEMENT	0
14	CONVEYING SYSTEMS	630,000
15.1	MECHANICAL (HVAC)	1,354,400
15.2	MECHANICAL (PLUMBING)	637,000
15.3	MECHANICAL (FIRE PROTECTION)	331,200
16	ELECTRIC	1,302,000
SUB TOTAL		\$8,035,000
DESIGN CONTINGENCY & INFLATION 20.0%		1,607,000
SOFT COST 30.0%		2,410,500
TOTAL		\$12,052,500

PHASE - 2B				
DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
2A BUILDING DEMOLITION				
Interior demolition				
Basement for shipping & receiving	3,000	SF	5.00	15,000
Basement for book store (white box)	9,500	SF	5.00	47,500
Book store level 1 (white box)	11,800	SF	5.00	59,000
Relocate dish wash & consolidate existing kitchen (white box)	5,500	SF	5.00	27,500
Relocate existing servery into food outlets (white box)	5,300	SF	5.00	26,500
New game room & lounge areas (garden level)	3,500	SF	5.00	17,500
Renovate existing seating/circulation areas	10,000	SF	2.00	20,000
Reconfigure central stair area (level 1 & 2)	4,200	SF	10.00	42,000
Renovate retail level 1 (white box)	1,600	SF	5.00	8,000
Excavation & shoring for new dock	1	LS	75,000.00	75,000

				338,000
2B SITE CONSTRUCTION (EXCLUDE DEMOLITION)				
Site Improvement Allowance @ new loading dock	1	LS	500,000.00	500,000

				500,000
3 CONCRETE				
Concrete new dock	1	LS	225,000.00	225,000

				225,000
4 MASONRY				

				0

PHASE - 2B				
DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
5 METALS				
Misc Metals				
New Dock	800	SF	20.00	16,000
Basement for shipping & receiving	3,000	SF	1.00	3,000
Basement for book store (white box)	9,500	SF	1.00	9,500
Book store level 1 (white box)	11,800	SF	1.00	11,800
Relocate dish wash & consolidate existing kitchen (white box)	5,500	SF	2.00	11,000
Relocate existing servery into food outlets (white box)	5,300	SF	2.00	10,600
New game room & lounge areas (garden level)	3,500	SF	2.00	7,000
Renovate existing seating/circulation areas	10,000	SF	2.00	20,000
Reconfigure central stair area (level 1& 2)	4,200	SF	10.00	42,000
Renovate retail level 1 (white box)	1,600	SF	1.00	1,600

				132,500
6 WOOD & PLASTICS				
Rough & finish carpentry				
New Dock	800	SF	2.00	1,600
Basement for shipping & receiving	3,000	SF	2.00	6,000
Basement for book store (white box)	9,500	SF	2.00	19,000
Book store level 1 (white box)	11,800	SF	2.00	23,600
Relocate dish wash & consolidate existing kitchen (white box)	5,500	SF	5.00	27,500
Relocate existing servery into food outlets (white box)	5,300	SF	5.00	26,500
New game room & lounge areas (garden level)	3,500	SF	15.00	52,500
Renovate existing seating/circulation areas	10,000	SF	2.00	20,000
Reconfigure central stair area (level 1& 2)	4,200	SF	1.00	4,200
Renovate retail level 1 (white box)	1,600	SF	2.00	3,200

				184,100

PHASE - 2B				
DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
7 THERMAL & MOISTURE PROTECTION				
Misc caulking & fire stopping				
New Dock	800	SF	15.00	12,000
Basement for shipping & receiving	3,000	SF	1.00	3,000
Basement for book store (white box)	9,500	SF	1.00	9,500
Book store level 1 (white box)	11,800	SF	1.00	11,800
Relocate dish wash & consolidate existing kitchen (white box)	5,500	SF	2.00	11,000
Relocate existing servery into food outlets (white box)	5,300	SF	2.00	10,600
New game room & lounge areas (garden level)	3,500	SF	2.00	7,000
Renovate existing seating/circulation areas	10,000	SF	2.00	20,000
Reconfigure central stair area (level 1& 2)	4,200	SF	2.00	8,400
Renovate retail level 1 (white box)	1,600	SF	1.00	1,600

				94,900
8 DOORS AND WINDOWS				
Finishes & partitions				
New Dock	800	SF	9.00	7,200
Basement for shipping & receiving	3,000	SF	9.00	27,000
Basement for book store (white box)	9,500	SF	9.00	85,500
Book store level 1 (white box)	11,800	SF	9.00	106,200
Relocate dish wash & consolidate existing kitchen (white box)	5,500	SF	15.00	82,500
Relocate existing servery into food outlets (white box)	5,300	SF	15.00	79,500
New game room & lounge areas (garden level)	3,500	SF	15.00	52,500
Renovate existing seating/circulation areas	10,000	SF	0.00	0
Reconfigure central stair area (level 1& 2)	4,200	SF	20.00	84,000
Renovate retail level 1 (white box)	1,600	SF	9.00	14,400

				538,800

PHASE - 2B				
DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
9 FINISHES				
Finishes & partitions				
New Dock	800	SF	20.00	16,000
Basement for shipping & receiving	3,000	SF	20.00	60,000
Basement for book store (white box)	9,500	SF	20.00	190,000
Book store level 1 (white box)	11,800	SF	20.00	236,000
Relocate dish wash & consolidate existing kitchen (white box)	5,500	SF	50.00	275,000
Relocate existing servery into food outlets (white box)	5,300	SF	50.00	265,000
New game room & lounge areas (garden level)	3,500	SF	45.00	157,500
Renovate existing seating/circulation areas	10,000	SF	25.00	250,000
Reconfigure central stair area (level 1& 2)	4,200	SF	30.00	126,000
Renovate retail level 1 (white box)	1,600	SF	20.00	32,000

				1,607,500
10 SPECIALTIES				
Specialties				
New Dock	800	SF	10.00	8,000
Basement for shipping & receiving	3,000	SF	1.00	3,000
Basement for book store (white box)	9,500	SF	1.00	9,500
Book store level 1 (white box)	11,800	SF	1.00	11,800
Relocate dish wash & consolidate existing kitchen (white box)	5,500	SF	5.00	27,500
Relocate existing servery into food outlets (white box)	5,300	SF	5.00	26,500
New game room & lounge areas (garden level)	3,500	SF	5.00	17,500
Renovate existing seating/circulation areas	10,000	SF	5.00	50,000
Reconfigure central stair area (level 1& 2)	4,200	SF	1.00	4,200
Renovate retail level 1 (white box)	1,600	SF	1.00	1,600

				159,600
11 EQUIPMENT				

				0

PHASE - 2B DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
12 FURNISHINGS				
Furnish and install loose furniture, fixtures and equipment				Exclude

				Exclude
13.1 SPECIAL CONSTRUCTION				-----
				0
13.2 HAZARDOUS MATERIAL ABATEMENT				-----
				0
14 CONVEYING SYSTEMS				
Reconfigure central stair area (level 1 & 2)	4,200	SF	150.00	630,000

				630,000
15.1 MECHANICAL (HVAC)				
HVAC				
New Dock	800	SF	18.00	14,400
Basement for shipping & receiving	3,000	SF	25.00	75,000
Basement for book store (white box)	9,500	SF	25.00	237,500
Book store level 1 (white box)	11,800	SF	25.00	295,000
Relocate dish wash & consolidate existing kitchen (white box)	5,500	SF	35.00	192,500
Relocate existing servery into food outlets (white box)	5,300	SF	35.00	185,500
New game room & lounge areas (garden level)	3,500	SF	25.00	87,500
Renovate existing seating/circulation areas	10,000	SF	8.00	80,000
Reconfigure central stair area (level 1 & 2)	4,200	SF	35.00	147,000
Renovate retail level 1 (white box)	1,600	SF	25.00	40,000

				1,354,400

PHASE - 2B				
DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
15.2 MECHANICAL (PLUMBING)				
Plumbing				
New Dock	800	SF	5.00	4,000
Basement for shipping & receiving	3,000	SF	5.00	15,000
Basement for book store (white box)	9,500	SF	5.00	47,500
Book store level 1 (white box)	11,800	SF	5.00	59,000
Relocate dish wash & consolidate existing kitchen (white box)	5,500	SF	45.00	247,500
Relocate existing servery into food outlets (white box)	5,300	SF	45.00	238,500
New game room & lounge areas (garden level)	3,500	SF	5.00	17,500
Renovate existing seating/circulation areas	10,000	SF	0.00	0
Reconfigure central stair area (level 1& 2)	4,200	SF	0.00	0
Renovate retail level 1 (white box)	1,600	SF	5.00	8,000

				637,000
15.3 MECHANICAL (FIRE PROTECTION)				
Fire Protection				
New Dock	800	SF	6.00	4,800
Basement for shipping & receiving	3,000	SF	6.00	18,000
Basement for book store (white box)	9,500	SF	6.00	57,000
Book store level 1 (white box)	11,800	SF	6.00	70,800
Relocate dish wash & consolidate existing kitchen (white box)	5,500	SF	6.00	33,000
Relocate existing servery into food outlets (white box)	5,300	SF	6.00	31,800
New game room & lounge areas (garden level)	3,500	SF	6.00	21,000
Renovate existing seating/circulation areas	10,000	SF	6.00	60,000
Reconfigure central stair area (level 1& 2)	4,200	SF	6.00	25,200
Renovate retail level 1 (white box)	1,600	SF	6.00	9,600

				331,200

PHASE - 2B				
DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
16 ELECTRIC				
Electrical work				
New Dock	800	SF	20.00	16,000
Basement for shipping & receiving	3,000	SF	25.00	75,000
Basement for book store (white box)	9,500	SF	25.00	237,500
Book store level 1 (white box)	11,800	SF	25.00	295,000
Relocate dish wash & consolidate existing kitchen (white box)	5,500	SF	30.00	165,000
Relocate existing servery into food outlets (white box)	5,300	SF	30.00	159,000
New game room & lounge areas (garden level)	3,500	SF	25.00	87,500
Renovate existing seating/circulation areas	10,000	SF	8.00	80,000
Reconfigure central stair area (level 1& 2)	4,200	SF	35.00	147,000
Renovate retail level 1 (white box)	1,600	SF	25.00	40,000

				1,302,000

PHASE - 3A

DIVISION TITLE		TOTAL CONSTRUCTION AMOUNT
2A	BUILDING DEMOLITION	199,000
2B	SITE CONSTRUCTION (EXCLUDE DEMOLITION)	N/A
3	CONCRETE	0
4	MASONRY	55,200
5	METALS	70,200
6	WOOD & PLASTICS	493,400
7	THERMAL & MOISTURE PROTECTION	59,700
8	DOORS AND WINDOWS	997,000
9	FINISHES	1,983,000
10	SPECIALTIES	95,700
11	EQUIPMENT	0
12	FURNISHINGS	Exclude
13.1	SPECIAL CONSTRUCTION	0
13.2	HAZARDOUS MATERIAL ABATEMENT	0
14	CONVEYING SYSTEMS	110,400
15.1	MECHANICAL (HVAC)	1,278,000
15.2	MECHANICAL (PLUMBING)	802,000
15.3	MECHANICAL (FIRE PROTECTION)	128,400
16	ELECTRIC	1,148,000
SUB TOTAL		\$7,420,000
DESIGN CONTINGENCY & INFLATION 30.0%		2,226,000
SOFT COST 30.0%		2,226,000
TOTAL		\$11,872,000

PHASE - 3A				
DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
2A BUILDING DEMOLITION				
Interior Demolition east side level 1,2,3	28,800	SF	5.00	144,000
Interior Demolition east side garden level	8,000	SF	5.00	40,000
Interior Demolition east side toilet	3,000	SF	5.00	15,000

				199,000
2B SITE CONSTRUCTION (EXCLUDE DEMOLITION)				

				0
3 CONCRETE				

				0
4 MASONRY				
Exterior Cleaning east side level 1,2,3	28,800	SF	1.50	43,200
Exterior Cleaning east side garden level	8,000	SF	1.50	12,000

				55,200
5 METALS				
Misc Metals east side level 1,2,3	28,800	SF	1.50	43,200
Misc Metals east side garden level	8,000	SF	1.50	12,000
Misc Metals east side toilet	3,000	SF	5.00	15,000

				70,200
6 WOOD & PLASTICS				
Rough & Finish carpentry east side level 1,2,3	28,800	SF	13.00	374,400
Rough & Finish carpentry east side garden level	8,000	SF	13.00	104,000
Rough & Finish carpentry east side toilet	3,000	SF	5.00	15,000

				493,400

PHASE - 3A				
DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
7 THERMAL & MOISTURE PROTECTION				
Misc caulking & firestopping east side level 1,2,3	28,800	SF	1.50	43,200
Misc caulking & firestopping east side garden level	8,000	SF	1.50	12,000
Misc caulking & firestopping east side toilet	3,000	SF	1.50	4,500

				59,700
8 DOORS AND WINDOWS				
Doors & Windows east side level 1,2,3	28,800	SF	15.00	432,000
Doors & Windows east side garden level	8,000	SF	15.00	120,000
Doors & Windows east side toilet	3,000	SF	15.00	45,000
Infrastructure improvement allowance	1	LS	400,000.00	400,000

				997,000
9 FINISHES				
Finishes & partitions east side level 1,2,3	28,800	SF	45.00	1,296,000
Finishes & partitions east side garden level	8,000	SF	45.00	360,000
Finishes & partitions east side toilet	3,000	SF	109.00	327,000

				1,983,000
10 SPECIALTIES				
Misc specialties east side level 1,2,3	28,800	SF	1.50	43,200
Misc specialties east side garden level	8,000	SF	1.50	12,000
Misc specialties east side toilet	3,000	SF	13.50	40,500

				95,700
11 EQUIPMENT				

				0
12 FURNISHINGS				

				Exclude

PHASE - 3A				
DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
13.1 SPECIAL CONSTRUCTION				-----
				0
13.2 HAZARDOUS MATERIAL ABATEMENT				-----
				0
14 CONVEYING SYSTEMS				
Stairs & elevators east side level 1,2,3	28,800	SF	3.00	86,400
Stairs & elevators east side garden level	8,000	SF	3.00	24,000

				110,400
15.1 MECHANICAL (HVAC)				
Infrastructure improvement allowance	1	LS	300,000.00	300,000
HVAC east side level 1,2,3	28,800	SF	22.50	648,000
HVAC east side garden level	8,000	SF	22.50	180,000
HVAC east side toilet	3,000	SF	50.00	150,000

				1,278,000
15.2 MECHANICAL (PLUMBING)				
Infrastructure improvement allowance	1	LS	100,000.00	100,000
Plumbing east side level 1,2,3	28,800	SF	15.00	432,000
Plumbing east side garden level	8,000	SF	15.00	120,000
Plumbing east side toilet	3,000	SF	50.00	150,000

				802,000
15.3 MECHANICAL (FIRE PROTECTION)				
Fire protection east side level 1,2,3	28,800	SF	3.00	86,400
Fire protection east side garden level	8,000	SF	3.00	24,000
Fire protection east side toilet	3,000	SF	6.00	18,000

				128,400

PHASE - 3A DESCRIPTION		QUANTITY	UNIT	UNIT PR	AMOUNT
16 ELECTRIC					
Infrastructure improvement allowance		1	LS	200,000.00	200,000
Electrical renovation east side level 1,2,3		28,800	SF	22.50	648,000
Electrical renovation east side garden level		8,000	SF	22.50	180,000
Electrical east side toilet		3,000	SF	40.00	120,000

					1,148,000

PHASE - 3B

DIVISION TITLE		TOTAL CONSTRUCTION AMOUNT
2A	BUILDING DEMOLITION	209,000
2B	SITE CONSTRUCTION (EXCLUDE DEMOLITION)	N/A
3	CONCRETE	0
4	MASONRY	58,200
5	METALS	73,200
6	WOOD & PLASTICS	519,400
7	THERMAL & MOISTURE PROTECTION	62,700
8	DOORS AND WINDOWS	1,027,000
9	FINISHES	2,073,000
10	SPECIALTIES	98,700
11	EQUIPMENT	0
12	FURNISHINGS	Exclude
13.1	SPECIAL CONSTRUCTION	0
13.2	HAZARDOUS MATERIAL ABATEMENT	0
14	CONVEYING SYSTEMS	116,400
15.1	MECHANICAL (HVAC)	1,323,000
15.2	MECHANICAL (PLUMBING)	832,000
15.3	MECHANICAL (FIRE PROTECTION)	134,400
16	ELECTRIC	1,193,000
SUB TOTAL		\$7,720,000
DESIGN CONTINGENCY & INFLATION 30.0%		2,316,000
SOFT COST 30.0%		2,316,000
TOTAL		\$12,352,000

PHASE - 3B				
DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
2A BUILDING DEMOLITION				
Interior Demolition west side level 1,2,3	28,800	SF	5.00	144,000
Interior Demolition west side garden level	10,000	SF	5.00	50,000
Interior Demolition west side toilet	3,000	SF	5.00	15,000

				209,000
2B SITE CONSTRUCTION (EXCLUDE DEMOLITION)				

				0
3 CONCRETE				

				0
4 MASONRY				
Exterior Cleaning west side level 1,2,3	28,800	SF	1.50	43,200
Exterior Cleaning west side garden level	10,000	SF	1.50	15,000

				58,200
5 METALS				
Misc Metals west side level 1,2,3	28,800	SF	1.50	43,200
Misc Metals west side garden level	10,000	SF	1.50	15,000
Misc Metals west side toilet	3,000	SF	5.00	15,000

				73,200
6 WOOD & PLASTICS				
Rough & Finish carpentry west side level 1,2,3	28,800	SF	13.00	374,400
Rough & Finish carpentry west side garden level	10,000	SF	13.00	130,000
Rough & Finish carpentry west side toilet	3,000	SF	5.00	15,000

				519,400

PHASE - 3B				
DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
7 THERMAL & MOISTURE PROTECTION				
Misc caulking & firestopping west side level 1,2,3	28,800	SF	1.50	43,200
Misc caulking & firestopping west side garden level	10,000	SF	1.50	15,000
Misc caulking & firestopping west side toilet	3,000	SF	1.50	4,500

				62,700
8 DOORS AND WINDOWS				
Doors & Windows west side level 1,2,3	28,800	SF	15.00	432,000
Doors & Windows west side garden level	10,000	SF	15.00	150,000
Doors & Windows west side toilet	3,000	SF	15.00	45,000
Infrastructure improvement allowance	1	LS	400,000.00	400,000

				1,027,000
9 FINISHES				
Finishes & partitions west side level 1,2,3	28,800	SF	45.00	1,296,000
Finishes & partitions west side garden level	10,000	SF	45.00	450,000
Finishes & partitions west side toilet	3,000	SF	109.00	327,000

				2,073,000
10 SPECIALTIES				
Misc specialties west side level 1,2,3	28,800	SF	1.50	43,200
Misc specialties west side garden level	10,000	SF	1.50	15,000
Misc specialties west side toilet	3,000	SF	13.50	40,500

				98,700
11 EQUIPMENT				

				0
12 FURNISHINGS				

				Exclude

PHASE - 3B DESCRIPTION		QUANTITY	UNIT	UNIT PR	AMOUNT
13.1 SPECIAL CONSTRUCTION					
					----- 0
13.2 HAZARDOUS MATERIAL ABATEMENT					
					----- 0
14 CONVEYING SYSTEMS					
Stairs & elevators west side level 1,2,3	28,800	SF	3.00	86,400	
Stairs & elevators west side garden level	10,000	SF	3.00	30,000	
					----- 116,400
15.1 MECHANICAL (HVAC)					
Infrastructure improvement allowance	1	LS	300,000.00	300,000	
HVAC west side level 1,2,3	28,800	SF	22.50	648,000	
HVAC west side garden level	10,000	SF	22.50	225,000	
HVAC west side toilet	3,000	SF	50.00	150,000	
					----- 1,323,000
15.2 MECHANICAL (PLUMBING)					
Infrastructure improvement allowance	1	LS	100,000.00	100,000	
Plumbing west side level 1,2,3	28,800	SF	15.00	432,000	
Plumbing west side garden level	10,000	SF	15.00	150,000	
Plumbing west side toilet	3,000	SF	50.00	150,000	
					----- 832,000
15.3 MECHANICAL (FIRE PROTECTION)					
Fire protection west side level 1,2,3	28,800	SF	3.00	86,400	
Fire protection west side garden level	10,000	SF	3.00	30,000	
Fire protection west side toilet	3,000	SF	6.00	18,000	
					----- 134,400

PHASE - 3B DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
16 ELECTRIC				
Infrastructure improvement allowance	1	LS	200,000.00	200,000
Electrical renovation west side level 1,2,3	28,800	SF	22.50	648,000
Electrical renovation west side garden level	10,000	SF	22.50	225,000
Electrical west side toilet	3,000	SF	40.00	120,000

				1,193,000

PHASE - 3C

DIVISION TITLE		TOTAL CONSTRUCTION AMOUNT
2A	BUILDING DEMOLITION	150,000
2B	SITE CONSTRUCTION (EXCLUDE DEMOLITION)	N/A
3	CONCRETE	0
4	MASONRY	45,000
5	METALS	45,000
6	WOOD & PLASTICS	390,000
7	THERMAL & MOISTURE PROTECTION	45,000
8	DOORS AND WINDOWS	450,000
9	FINISHES	1,350,000
10	SPECIALTIES	45,000
11	EQUIPMENT	0
12	FURNISHINGS	Exclude
13.1	SPECIAL CONSTRUCTION	0
13.2	HAZARDOUS MATERIAL ABATEMENT	0
14	CONVEYING SYSTEMS	90,000
15.1	MECHANICAL (HVAC)	675,000
15.2	MECHANICAL (PLUMBING)	450,000
15.3	MECHANICAL (FIRE PROTECTION)	90,000
16	ELECTRIC	675,000
SUB TOTAL		\$4,500,000
DESIGN CONTINGENCY & INFLATION 30.0%		1,350,000
SOFT COST 30.0%		1,350,000
TOTAL		\$7,200,000

PHASE - 3C DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
2A BUILDING DEMOLITION				
Interior Demolition allowance	30,000	SF	5.00	150,000

				150,000
2B SITE CONSTRUCTION (EXCLUDE DEMOLITION)				-----
				0
3 CONCRETE				-----
				0
4 MASONRY				
Exterior Cleaning allowance	30,000	SF	1.50	45,000

				45,000
5 METALS				
Misc Metals allowance	30,000	SF	1.50	45,000

				45,000
6 WOOD & PLASTICS				
Rough & Finish carpentry allowance	30,000	SF	13.00	390,000

				390,000
7 THERMAL & MOISTURE PROTECTION				
Misc caulking & firestopping allowance	30,000	SF	1.50	45,000

				45,000
8 DOORS AND WINDOWS				
Doors & Windows allowance	30,000	SF	15.00	450,000

				450,000

PHASE - 3C DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
9 FINISHES				
Finishes & partitions allowance	30,000	SF	45.00	1,350,000

				1,350,000
10 SPECIALTIES				
Misc specialties allowance	30,000	SF	1.50	45,000

				45,000
11 EQUIPMENT				

				0
12 FURNISHINGS				
Furnish and install loose furniture, fixtures and equipment				Exclude

				Exclude
13.1 SPECIAL CONSTRUCTION				

				0
13.2 HAZARDOUS MATERIAL ABATEMENT				
Hazardous material abatement - allowance	30,000	SF	0.00	0

				0
14 CONVEYING SYSTEMS				
Stairs & elevators allowance	30,000	SF	3.00	90,000

				90,000
15.1 MECHANICAL (HVAC)				
HVAC allowance	30,000	SF	22.50	675,000

				675,000

PHASE - 3C				
DESCRIPTION	QUANTITY	UNIT	UNIT PR	AMOUNT
15.2 MECHANICAL (PLUMBING)				
Plumbing allowance	30,000	SF	15.00	450,000

				450,000
15.3 MECHANICAL (FIRE PROTECTION)				
Fire protection allowance	30,000	SF	3.00	90,000

				90,000
16 ELECTRIC				
Electrical allowance	30,000	SF	22.50	675,000

				675,000

8. Process



PROCESS

Introduction

The methodology of this study was based on an interactive decision-making process that has proven to be a successful consensus-building methodology on numerous student center assignments. This process is outlined below and promoted user involvement through all phases of the study. It was based on a two-tiered committee approach:

- **Space Planning Committee:** This 12 person committee included various project constituents, including students, staff, faculty and administrators, and provided advisory input on all space planning issues.
- **Steering Committee:** This 7 person committee had direct responsibility for more strategic decision making throughout the planning process.

Steering Committee

Steve Beditz
John Giarrusso
Christine Bouchard
John Murphy
Eric Smith
Errol Millington, PM and OCP Liaison
Randy Olocki, AECM Liaison

Space Planning Committee

Christine Bouchard, Student Success
Scott Birge, General Building Space
John Murphy, Student Success
Karen Kettlewell, Book Store / SUNY Card / Food Prep
Michael Jaromin, Student Involvement & Leadership
Daniel Truchan, Undergraduate Student Association
Glenn DiPichardo, Graduate Student Association
Sue Faerman
Jason E. Lane
Tom Bassette
Errol Millington, PM and OCP
Randy Olocki, AECM

Methodology

Task 1: Initial Assessment

- Reviewed and gathered existing documentation relevant to the project. This included a review of the University Master Plan, the Campus Utilities Plan, as well as other available site and building documentation.
- Conducted a facility walk through with Campus Center staff and Physical Plant personnel to generally assess visible / unconcealed existing conditions.
- Conducted a series of initial work sessions with staff to gather preliminary data about the present facility, its organization, operations, and functional needs.
- Identified project goals and objectives.
- Met with the food service consultant to update the objectives of the food service program.



Student Input

Task II: Programming**Initial Program Development**

Based on the on-campus work sessions with user groups, an initial architectural program was outlined for the project. The major programmatic needs were identified and prioritized, and the program was refined.

Detailed Programming

Detailed program documentation for all components proposed for the project was prepared. This was accomplished through a series of programming meetings with student representatives from the Student Assembly, key user groups, the Steering and Space Planning Advisory Committees.

Task III: Audit of the Existing Facility and Site

- Reviewed existing documentation of existing building and systems including the building envelope, interiors, and its structural, mechanical, electrical, and life safety systems.
- Reviewed documentation of existing site conditions including site utility information provided by Facility Services.
- Met with designated University personnel and maintenance staff, and toured the facility to observe and record existing conditions and issues. This scope of services was limited to visual observation of unconcealed existing conditions and did not include services necessary to observe and assess concealed areas, such as destructive testing or demolition of serviceable portions of the structure. Further, the scope did not include any services related to the presence, identification or removal of hazardous materials or toxic substances of any kind or nature.
- Reviewed the existing food service operation and recommended necessary improvements and upgrades.
- Based on the anticipated scope of expansion and renovation, recommended needed infrastructure improvements, facility upgrades, and site improvements.
- Identified needed code upgrades and ADA improvements.
- Based on existing documentation provided by the University, prepared an updated set of existing floor plans in a digital (Auto CAD) format.

Task IV: Program / Scope Review and Approval

The planning team met with the Steering Committee and the other designate SUNY-Albany personnel to review the pre-final program, the proposed scope of renovation work and a summary description of the proposed overall project. All relevant comments were incorporated into the final program, the proposed scope of renovation work and summary description of the proposed overall project.

Task V: Conceptual Design**Preparation of Conceptual Design Options**

Based on the initial architectural program, variations on seven (7) conceptual design options were evaluated for the project. Each option was graphically diagrammed and compared for compatibility and fit within the present facility and on the site.

In collaboration with the Steering and Space Planning Committees, the advantages and disadvantages for each conceptual option were evaluated. The planning team compared various factors such as overall layout, functional arrangement, public circulation, site impact, phasing, probable cost, and ability to maintain key operations during construction.

Budget / Scope / Program Alignment

- The University reviewed each of the seven (7) conceptual options to confirm compliance with SUNY Design Standards.
- Based on input from the University and proposed scope outlines, a preliminary cost model was developed for several of the options and subsequently reviewed with the University.
- With input from the University, the overall project budget, scope, and program were adjusted and revised to reflect the final conceptual design.

Task VI: Final Study Report

After incorporating the review comments from the University, a preliminary draft presentation was prepared and reviewed with the University. Comments were incorporated and a final report was prepared.

Process Studies

Conceptual Design Options A Through G

The planning team prepared a series of conceptual design options to explore various strategies for expanding the current facility. This series of options (including several sub-variations) were reviewed with the Steering and Space Planning Committees. This process resulted in a preferred Option G.2, which is included in the Recommended Design Concept section of this report. Options A through F are included for reference in this section of the report.

Option A - Option A illustrates two 2-story additions. One is to the east and one is to the west, mirroring one another in shape and symmetry. A strong east-west internal concourse is shown in the plan. A central clerestory monitor was also illustrated on the north-south central axis of the facility. A key strength of this concept is it maximized the amount of new expansion space on the garden level. The University preferred a solution with the new expansion more centrally consolidated and with more conservation of open green space.

Option B.1 / B.2 - Option B.1 illustrates a single three story addition that spans across the one story extension wings of the existing facility. Option B.2 shows a four story version. The University believed that both of these options placed too much building mass too close to the original 1967 facility. Both of these schemes would also require multiple floors to be structurally supported above the 1995 extensions, which is not feasible.

Option C - Option C illustrates a new, separate facility to the west of the current building with an outdoor plaza in between. The University did not prefer this option because the proposed new expansion would not be connected to the existing facility.



Option A - Massing Study



Option B.2 - Massing Study



Option C - Massing Study

Option D.3 - Option D.3 illustrates a concept with two asymmetrical 2-story additions that are more curvilinear. The curved forms were well received by the University and preferred over the simple rectilinear forms shown in Options A, B, and C. The University requested that the final concept (Option G.2) include a similar curvilinear form but be more consolidated and central to the existing facility.

Option E.4 / E.7 - Option E illustrates a central two story addition that spans across the existing extensions and connects into level 1 of the original 1967 building. This was not as desirable as the other options because it proposed the joining of a new building form with the original architecture of Edward Durrell Stone's 1967 building. All the other options preserved this separation, which the University considers important and appropriate.

Option F.2 - Option F.2 is similar to the E options but it preserves the separation of the new addition from the original building. Option F later evolved into Option G, which became the recommended design direction for the project.

Option G.2 is the recommended design direction that is illustrated in the Recommended Design Concept section of this report.



Option D.3 - Massing Study



Option E.4 / E.7 - Massing Study



Option F.2 - Massing Study



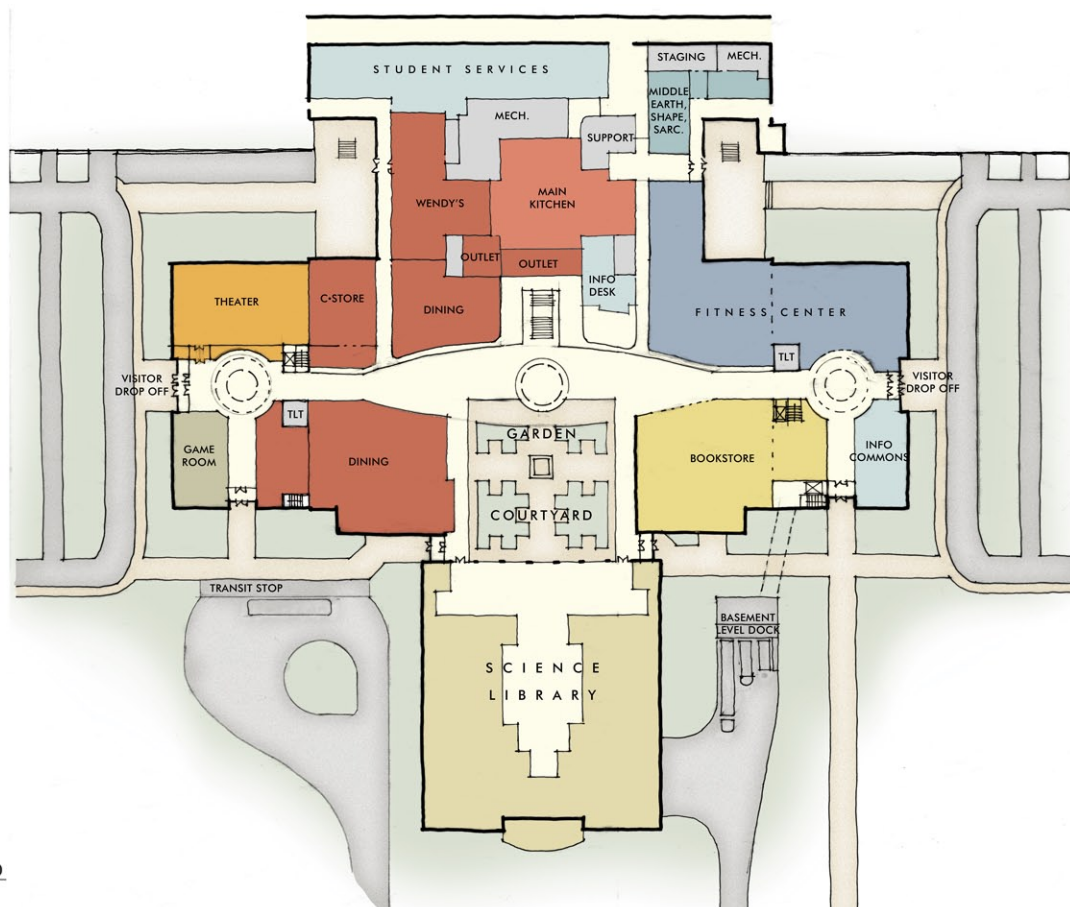


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PROPOSED OPTION A - GARDEN LEVEL

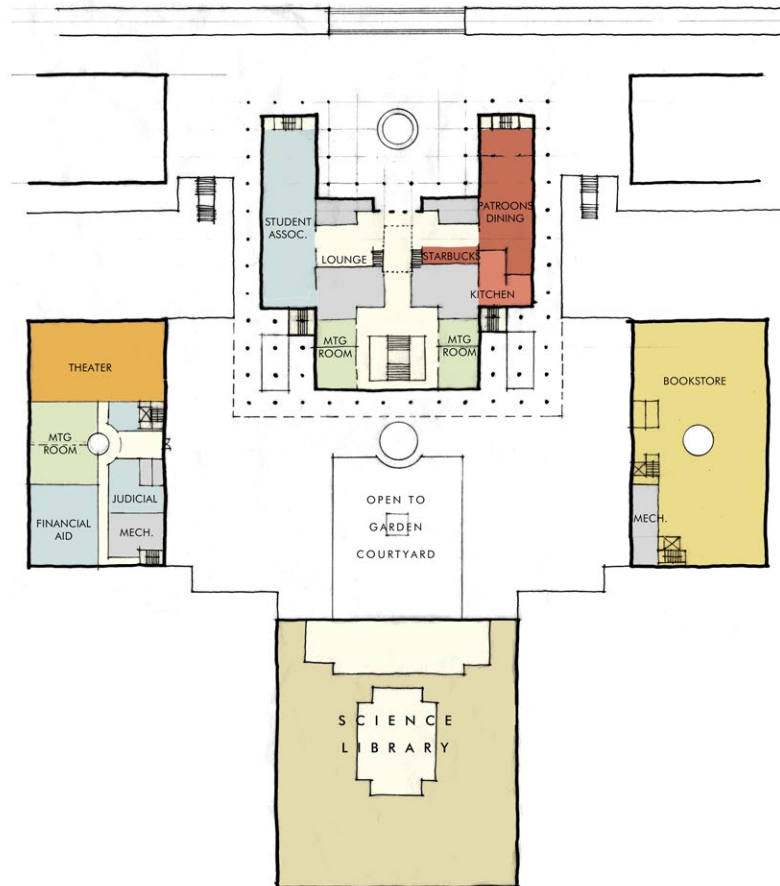


LEGEND

- BALLROOM/ASSEMBLY
- MEETING
- BOOKSTORE
- DINING
- KITCHEN
- FITNESS CENTER
- STUDENT ORGANIZATIONS
- ADMINISTRATION
- THEATER
- LOUNGE/GAMING
- LIBRARY
- CIRCULATION
- SUPPORT

0 15 30 60

GARDEN LEVEL



LEVEL 1

LEGEND

- BALLROOM/ASSEMBLY
- MEETING
- BOOKSTORE
- DINING
- KITCHEN
- FITNES CENTER
- STUDENT ORGANIZATIONS
- ADMINISTRATION
- THEATER
- LOUNGE/GAMING
- LIBRARY
- CIRCULATION
- SUPPORT

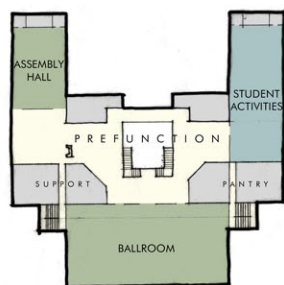
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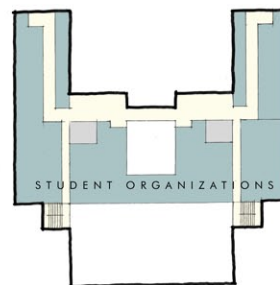
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PROPOSED OPTION A - LEVELS 2&3



LEVEL 2



LEVEL 3

LEGEND

- BALLROOM/ASSEMBLY
- MEETING
- BOOKSTORE
- DINING
- KITCHEN
- FITNES CENTER
- STUDENT ORGANIZATIONS
- ADMINISTRATION
- THEATER
- LOUNGE/GAMING
- LIBRARY
- CIRCULATION
- SUPPORT



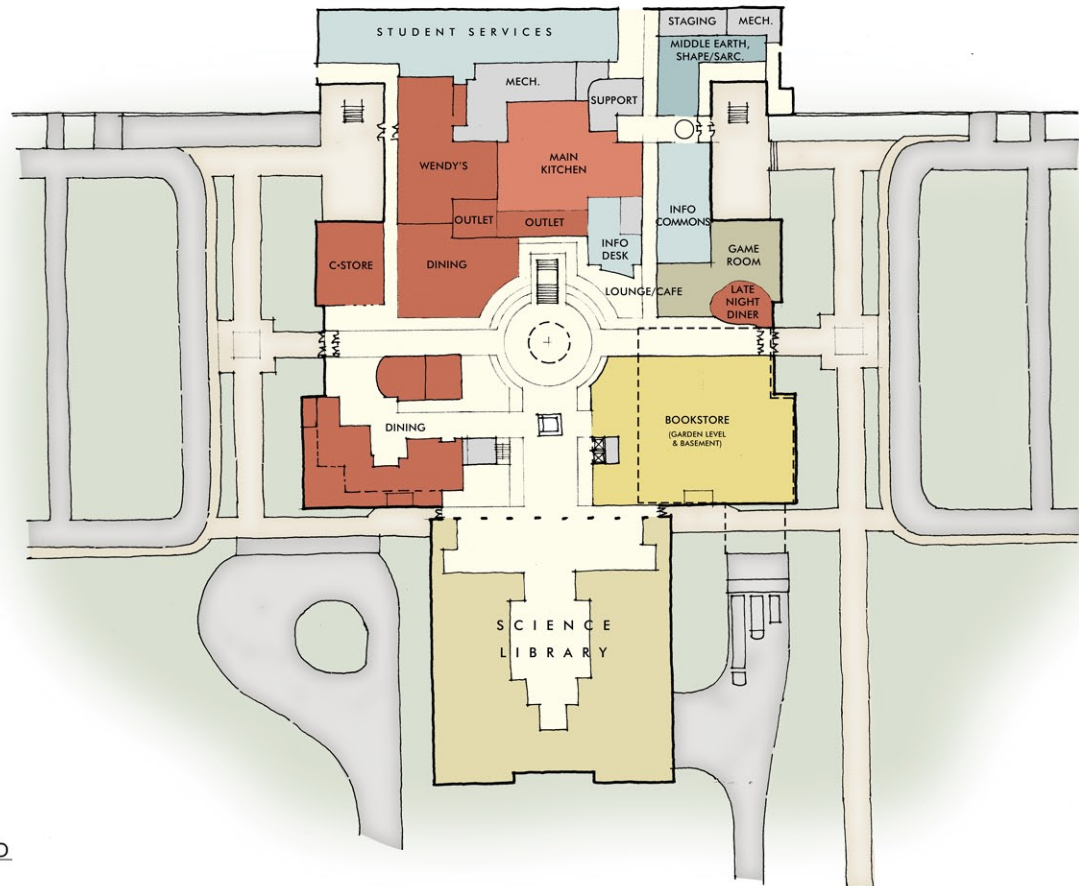


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OPTION B.2 - FOUR STORY MASSING STUDY





- LEGEND**
- BALLROOM/ASSEMBLY
 - MEETING
 - BOOKSTORE
 - DINING
 - KITCHEN
 - FITNES CENTER
 - STUDENT ORGANIZATIONS
 - ADMINISTRATION
 - THEATER
 - LOUNGE/GAMING
 - LIBRARY
 - CIRCULATION
 - SUPPORT

0 15 30 60

GARDEN LEVEL

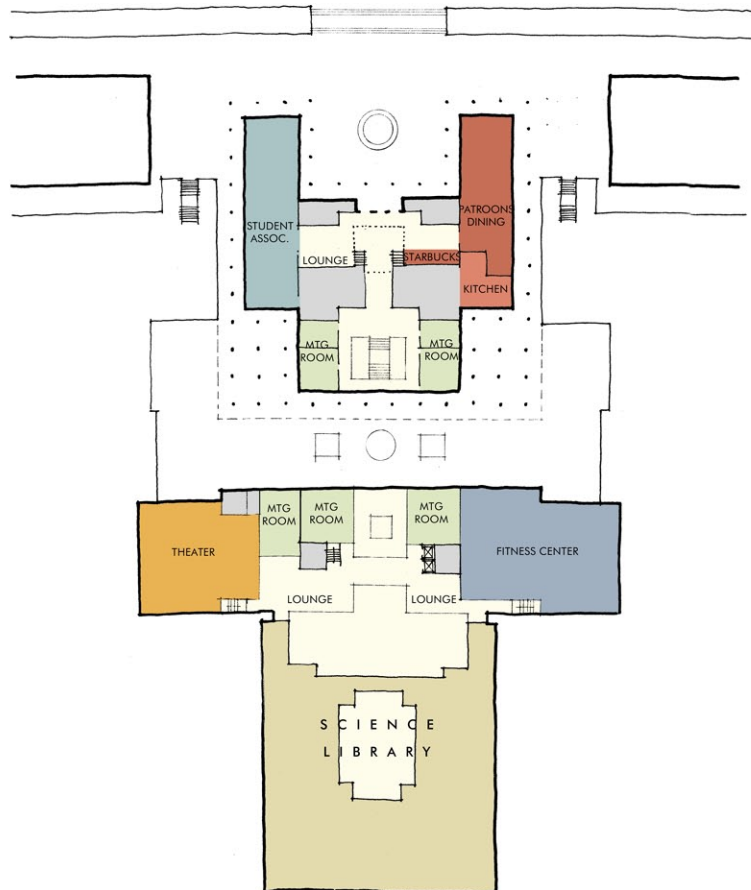


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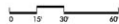
PROPOSED OPTION B - LEVEL 1

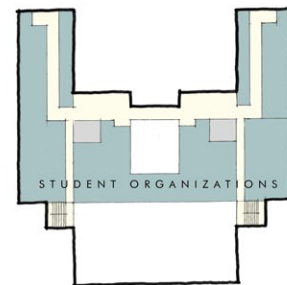
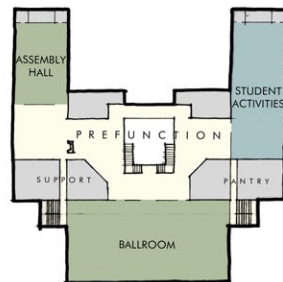


LEVEL 1

LEGEND

- BALLROOM/ASSEMBLY
- MEETING
- BOOKSTORE
- DINING
- KITCHEN
- FITNES CENTER
- STUDENT ORGANIZATIONS
- ADMINISTRATION
- THEATER
- LOUNGE/GAMING
- LIBRARY
- CIRCULATION
- SUPPORT





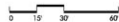
LEVEL 3



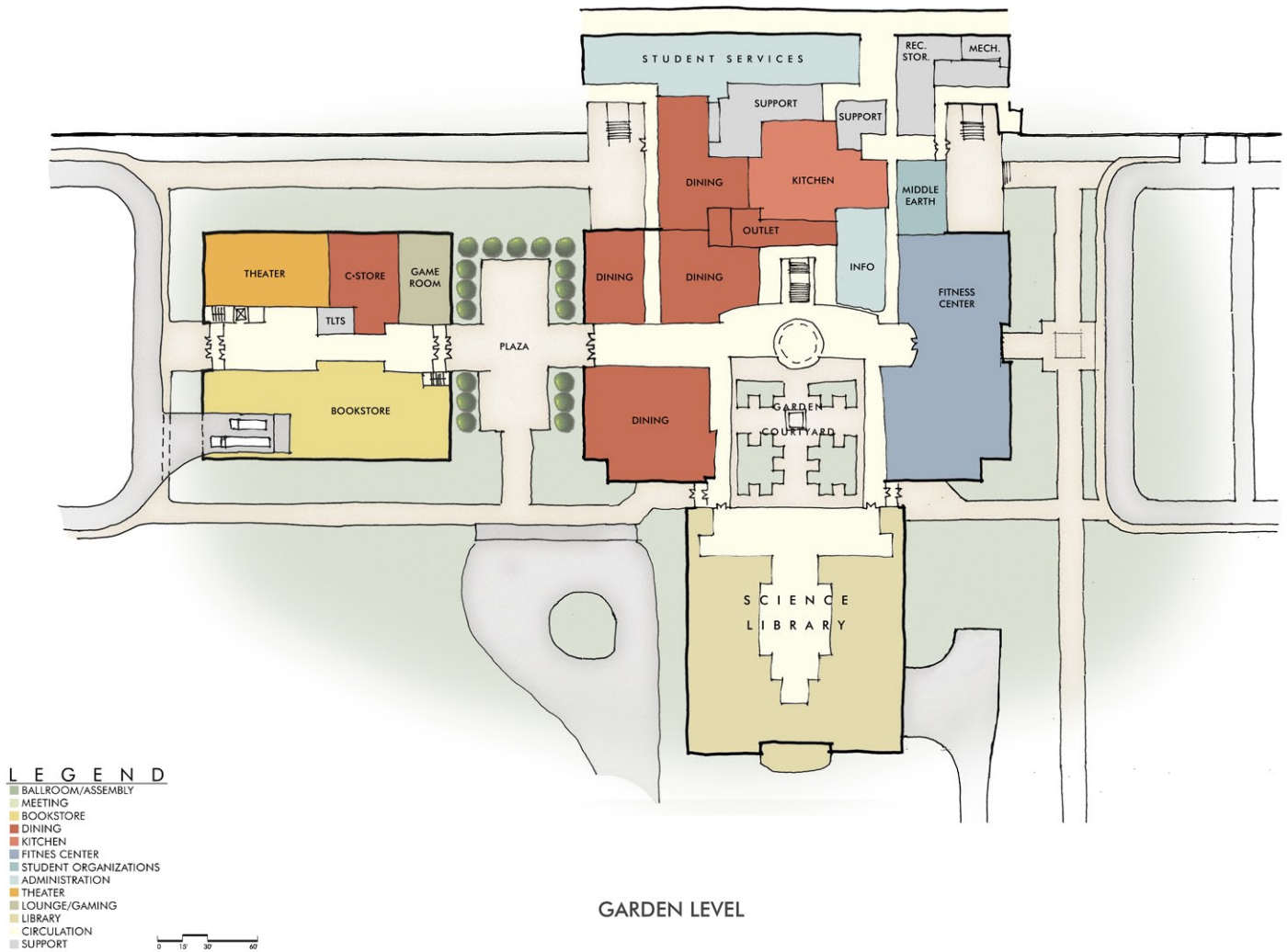
LEVEL 2

LEGEND

- BALLROOM/ASSEMBLY
- MEETING
- BOOKSTORE
- DINING
- KITCHEN
- FITNES CENTER
- STUDENT ORGANIZATIONS
- ADMINISTRATION
- THEATER
- LOUNGE/GAMING
- LIBRARY
- CIRCULATION
- SUPPORT







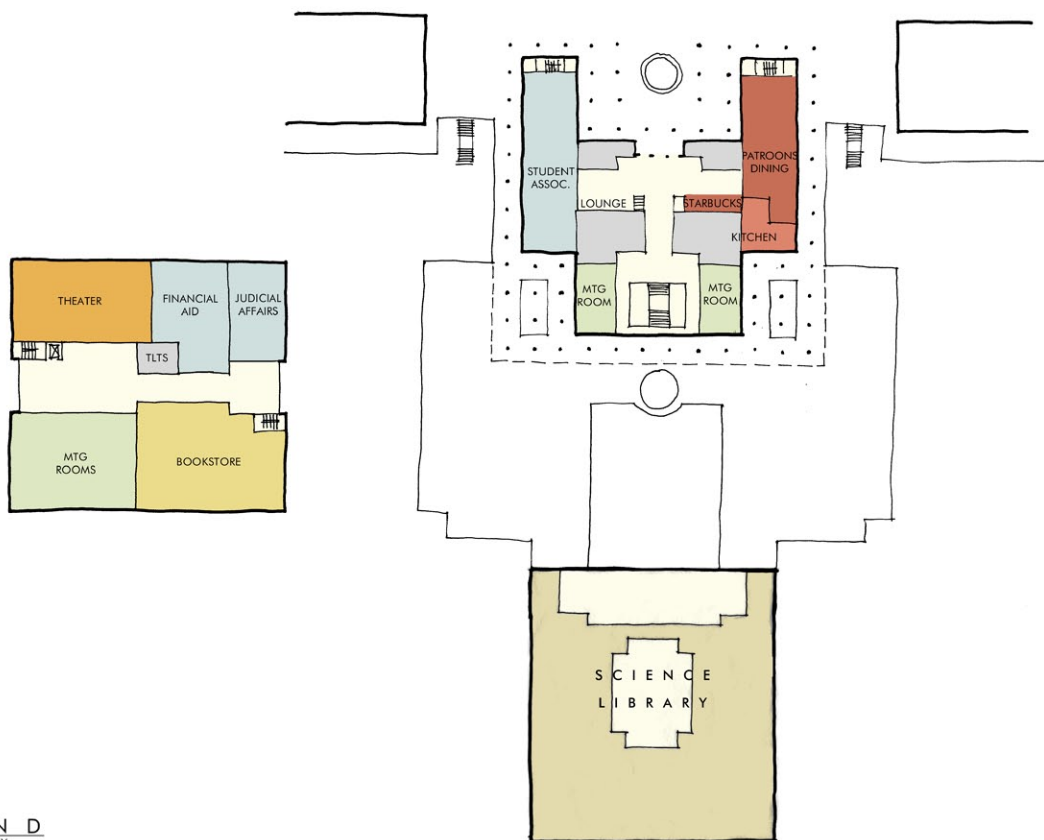


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PROPOSED OPTION C - LEVEL 1

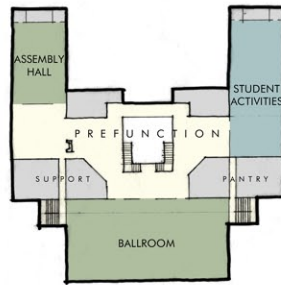


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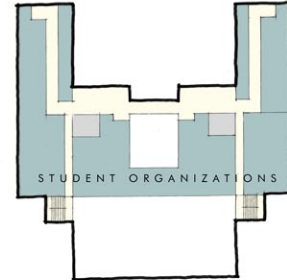
LEGEND

- BALLROOM/ASSEMBLY
- MEETING
- BOOKSTORE
- DINING
- KITCHEN
- FITNES CENTER
- STUDENT ORGANIZATIONS
- ADMINISTRATION
- THEATER
- LOUNGE/GAMING
- LIBRARY
- CIRCULATION
- SUPPORT

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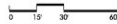


LEVEL 2



LEVEL 3

- LEGEND**
- BALLROOM/ASSEMBLY
 - MEETING
 - BOOKSTORE
 - DINING
 - KITCHEN
 - FITNES CENTER
 - STUDENT ORGANIZATIONS
 - ADMINISTRATION
 - THEATER
 - LOUNGE/GAMING
 - LIBRARY
 - CIRCULATION
 - SUPPORT



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D.3 EXTERIOR RENDERING





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D.3 EXTERIOR RENDERING





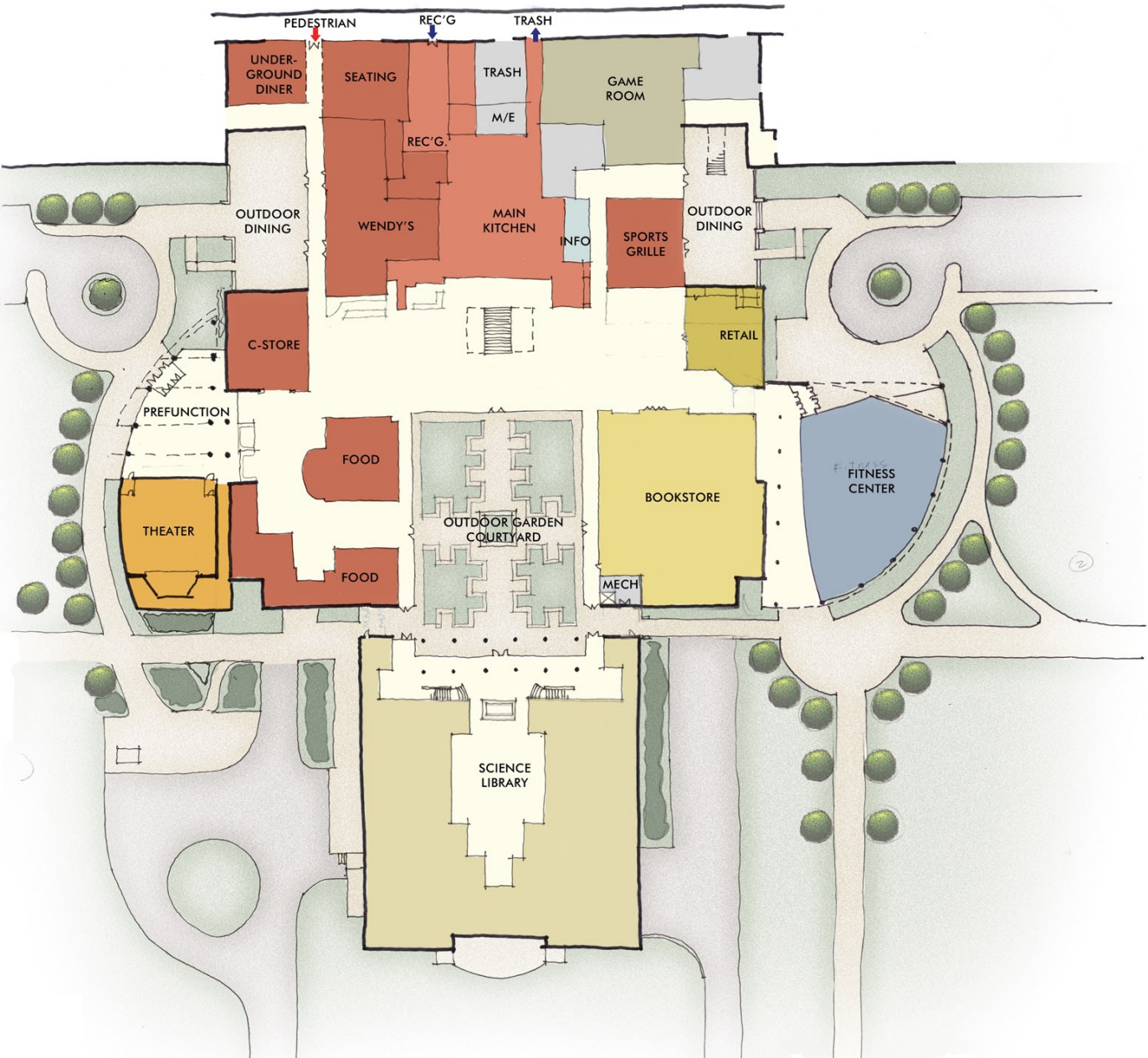
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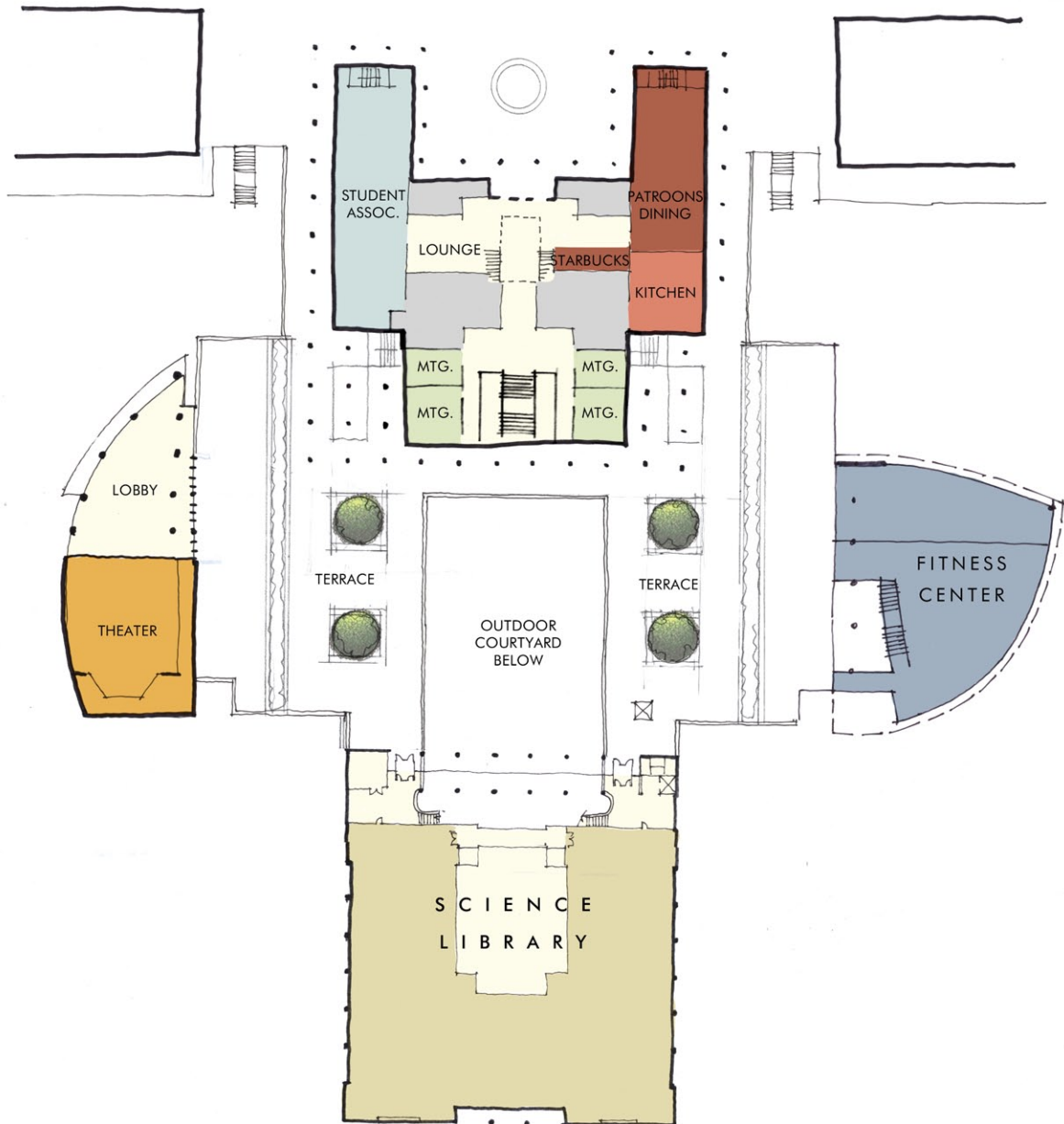
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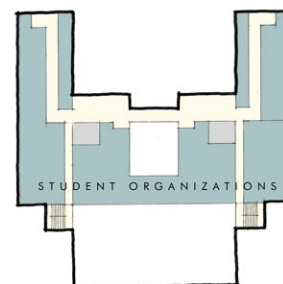
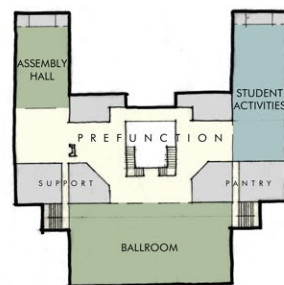
D.3 EXTERIOR RENDERING











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D

BALLROOM/ASSEMBLY

MEETING

BOOKSTORE

DINING

KITCHEN

FITNES CENTER

STUDENT ORGANIZATIONS

ADMINISTRATION

THEATER

LOUNGE/GAMING

LIBRARY

CIRCULATION

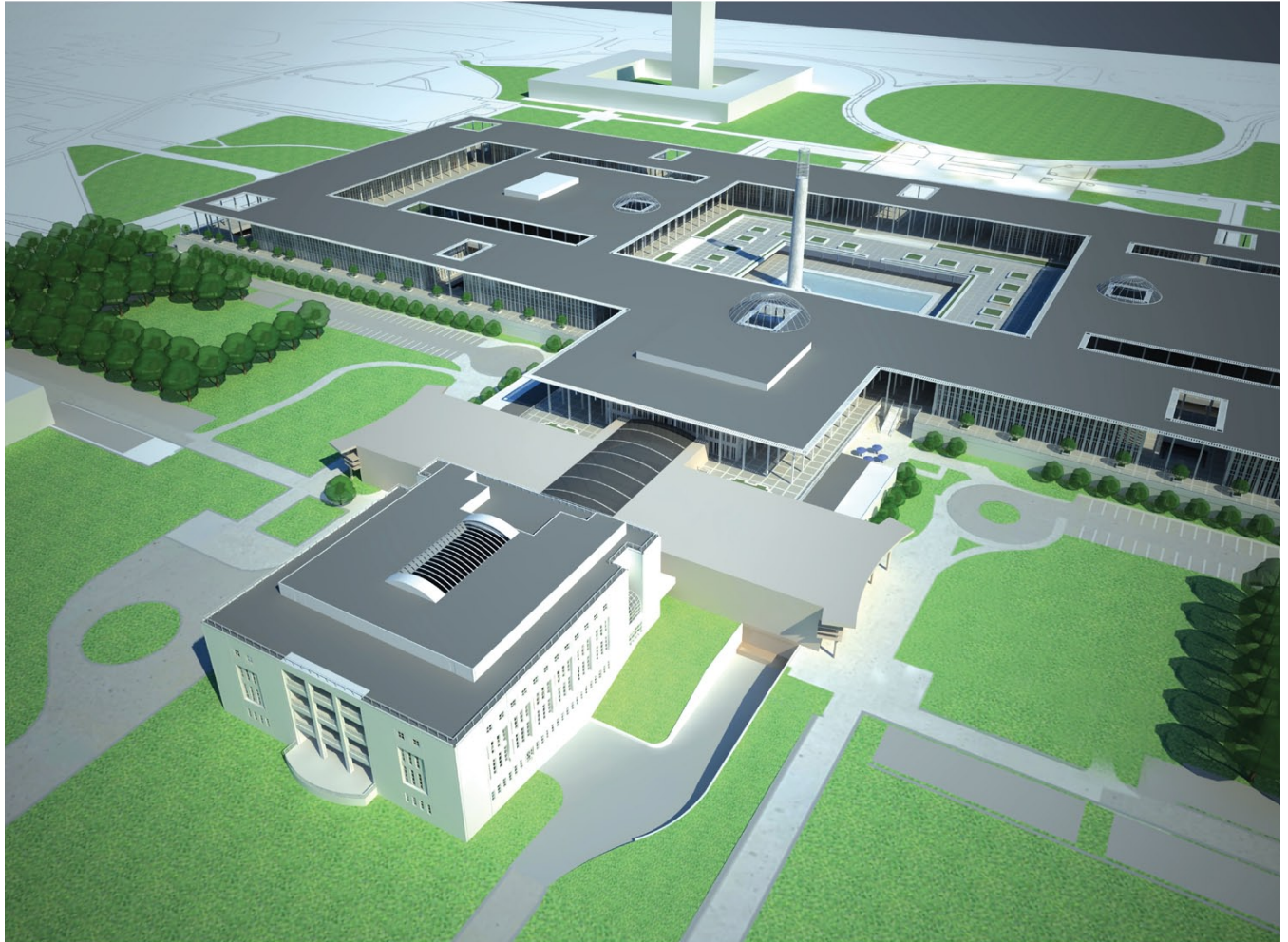
SUPPORT

0

15

30

60





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E.4/E.7 EXTERIOR RENDERING





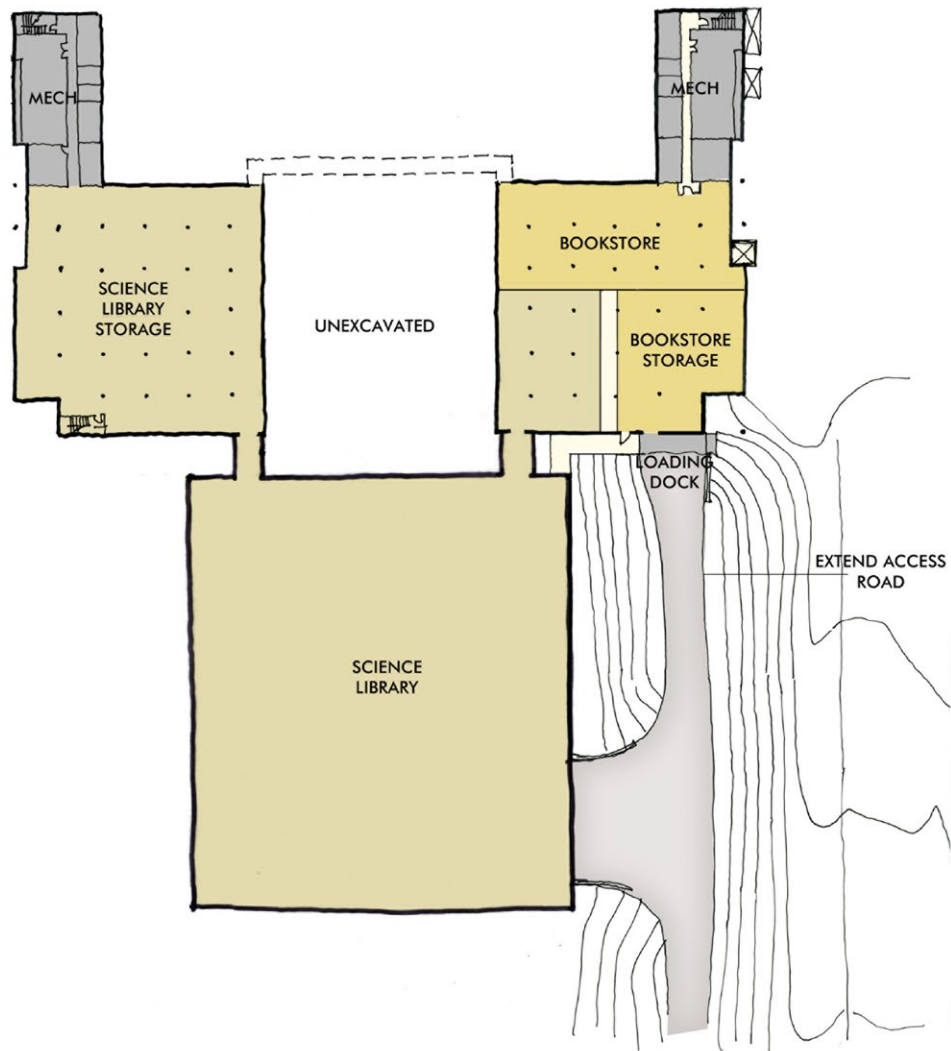
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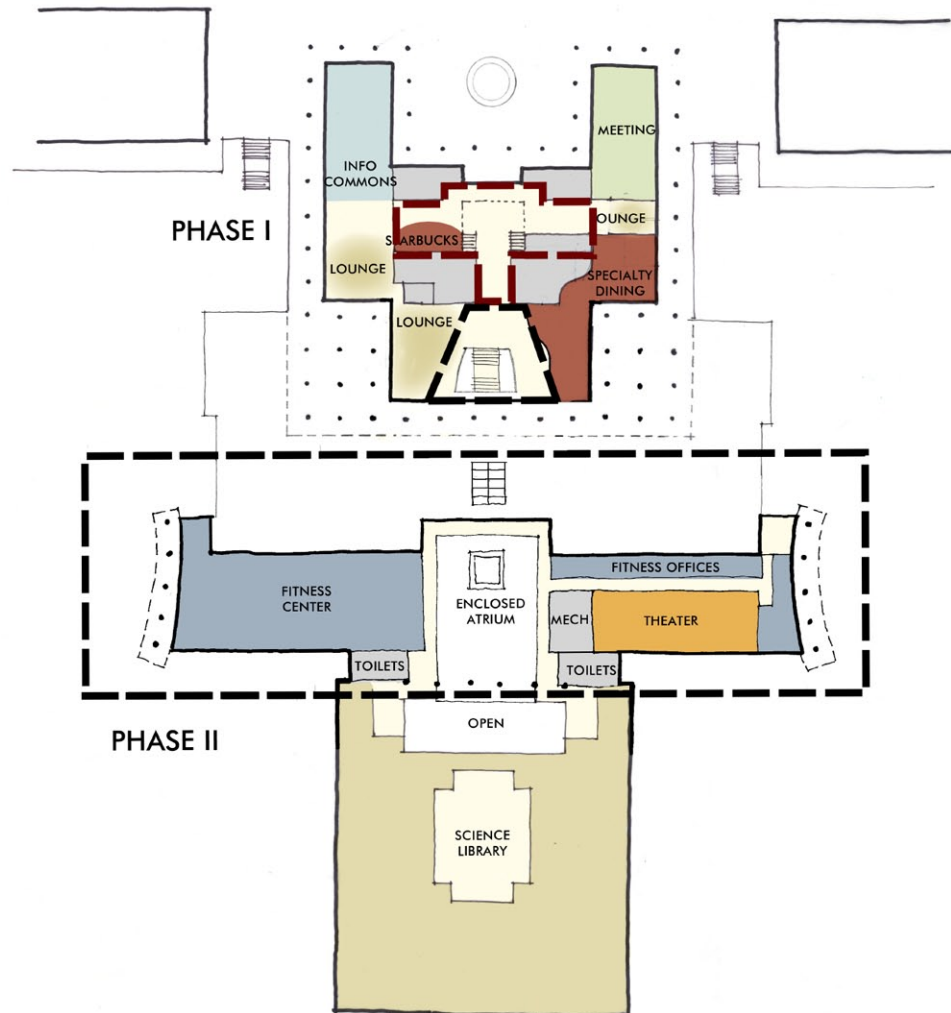
DECEMBER 2009

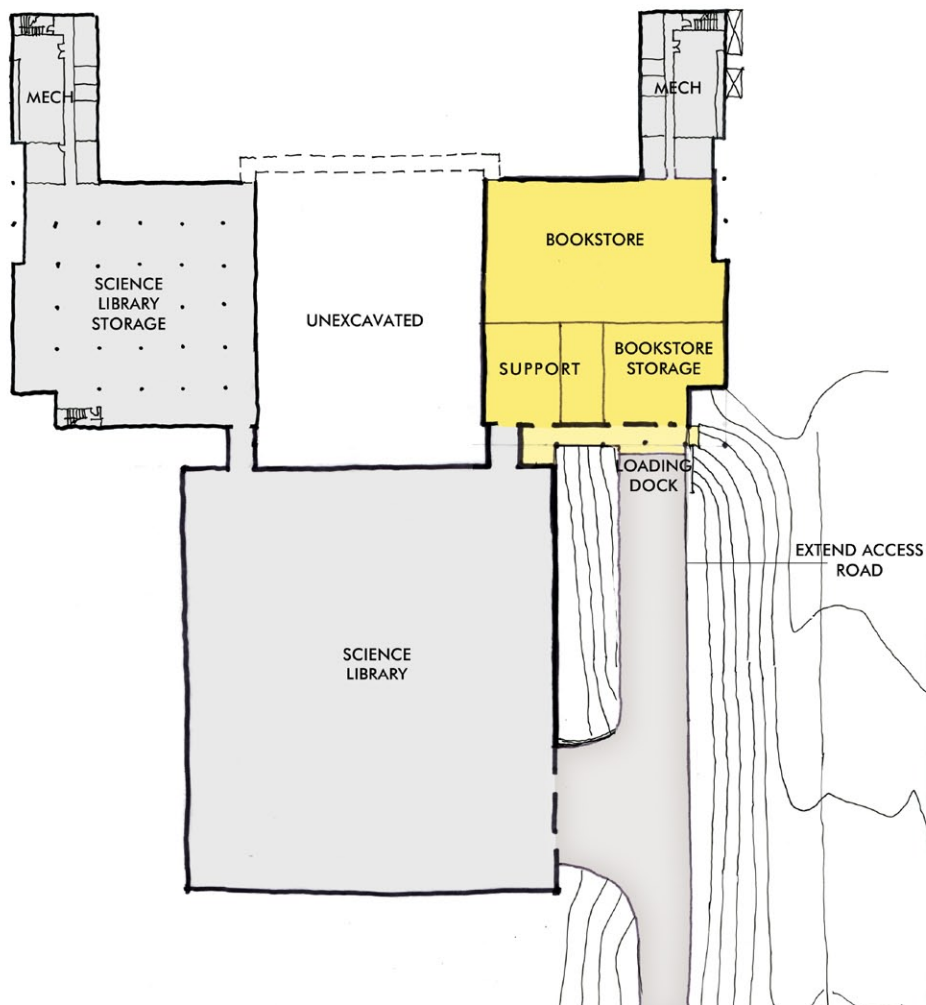
E.4/E.7 INTERIOR RENDERING

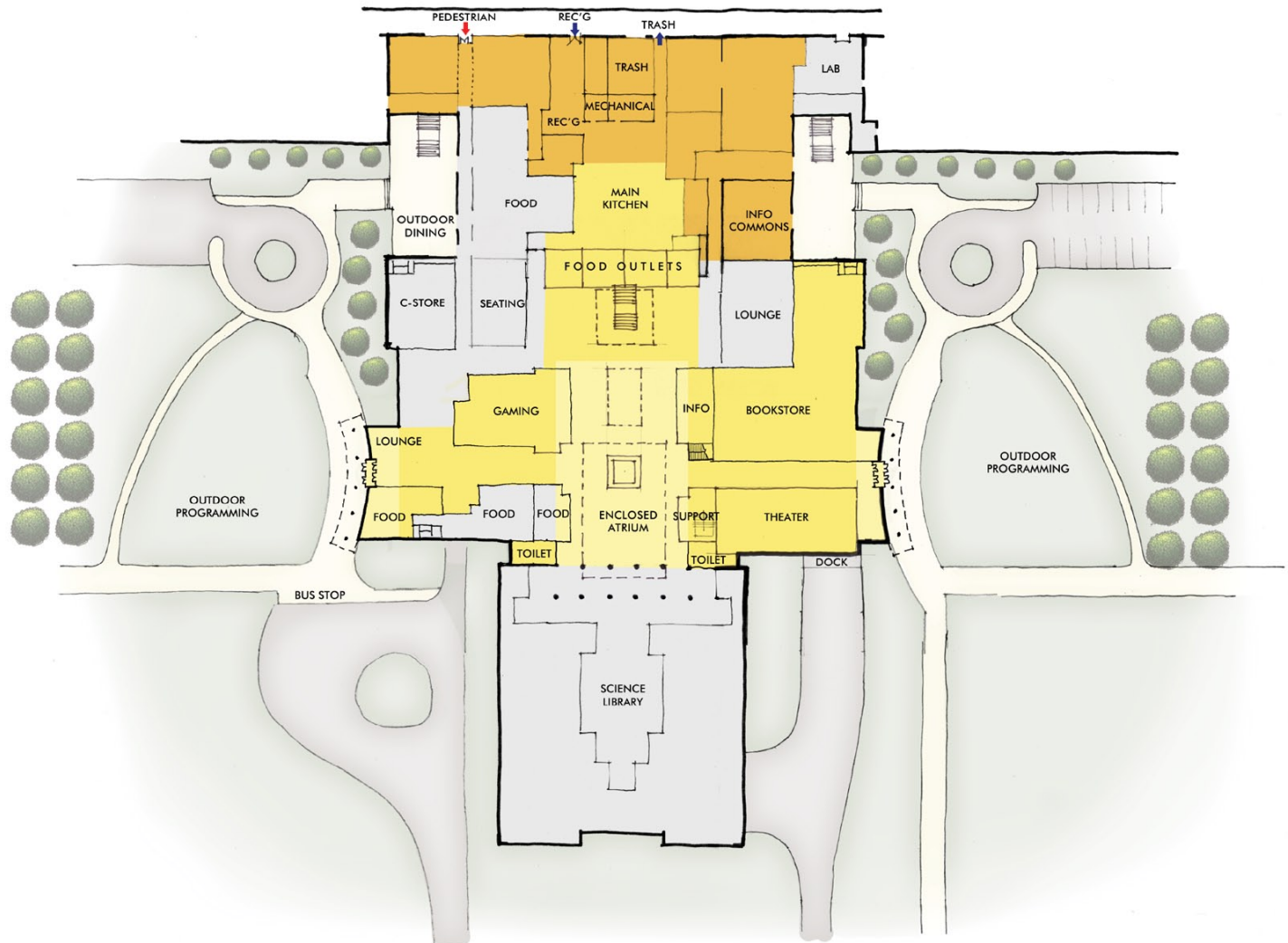












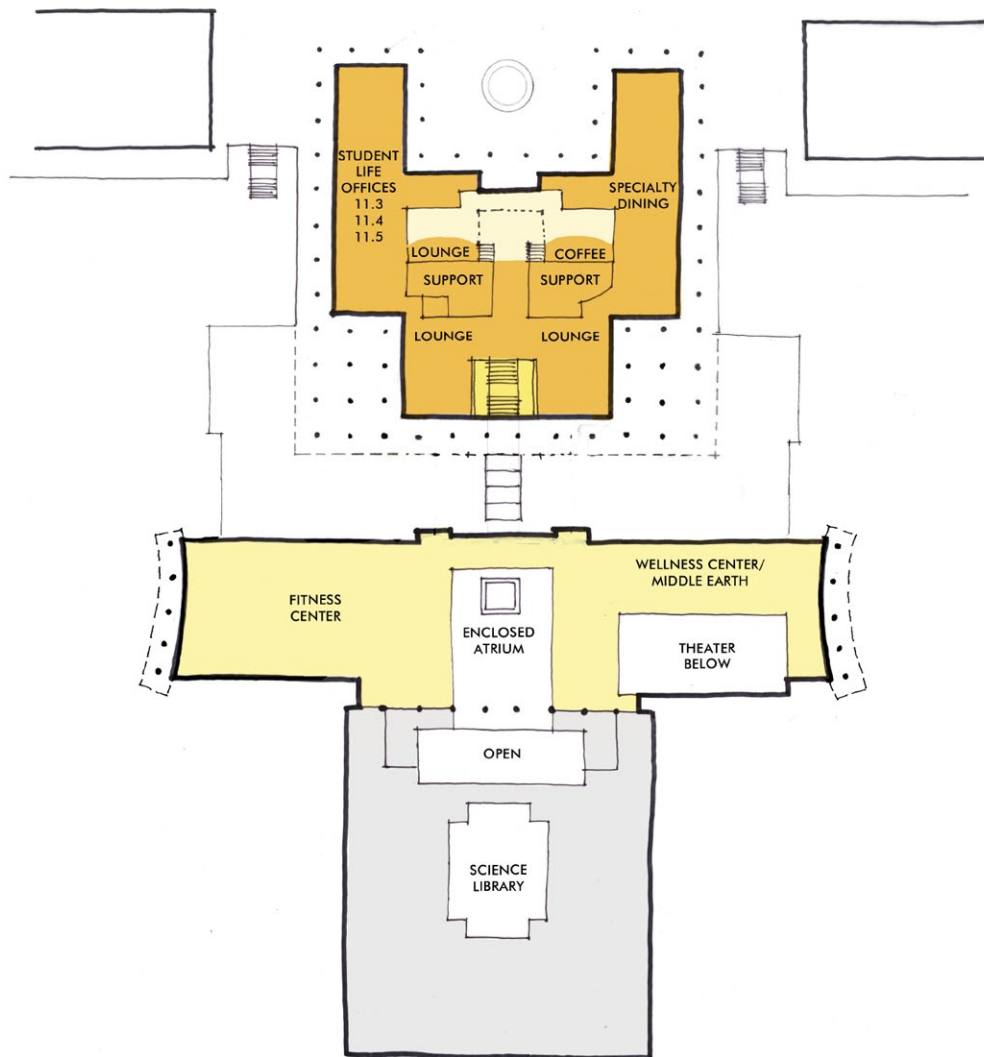


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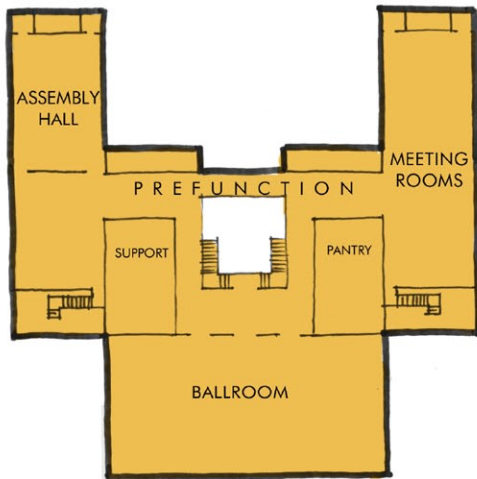
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DECEMBER 2009

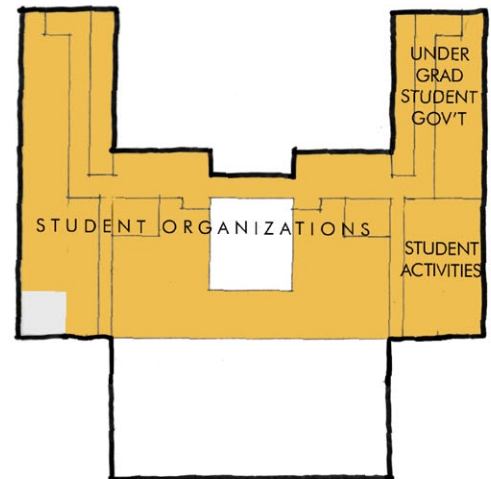
OPTION F.2 - LEVEL 1



OPTION F.2 - LEVELS 2&3



LEVEL 2



LEVEL 3

9. Hazardous Materials





1511 Route 22, Suite C24, Brewster, NY 10509
Phone: 845.278.7710 Fax: 845.278.7750

Metro Center, 49 Court Street, Binghamton, NY 13901
Phone: 607.722.6839 Fax: 607.771.0752

1207 Delaware Avenue, Buffalo, NY 14209
Phone: 716.402.4580 Fax: 716.877.9570

E-mail: adelaidemail@adelaidellc.com

January 22, 2010

Mr. Paul Knell
WTW Architects
Timber Court
127 Anderson Street
Pittsburgh, PA 15212

Re: SUNY Albany – Campus Center Feasibility Study

Dear Mr. Knell:

After my visit of the SUNY Albany Campus Center on 1/19/10 and 1/20/10 and walking through with the Alpine Environmental Inc. asbestos survey report; I conclude the following:

The Alpine Report covers most of the entire Campus Center from the basement to the third floor very well. All areas of flooring materials have been tested and or assumed positive; no further testing should be needed with those items. No additional testing is needed for wall and ceiling finishes either. The roof has been tested also. Duct sealant has been sampled as well as TSI (very minimal testing though). Since this building is very large it also is recommended that these statements not be the final say on all areas being covered. For additional renovations a set of demo and new construction drawings will aid in identifying all ACM. There may be areas which asbestos has been removed and abatement is not required. Below are some areas where I would recommend further investigation.

The report didn't address window and door caulking and the precast caulking (which Adelaide sampled and is reported in the Campus Center Lobby Renovation Report). The Ballroom would require testing also since there is a wood floor and there is potential for asbestos sheeting and/or mastic below and the ceiling has 1x1 ACT which appear to be attached with glue/mastic. There were only 3 samples collected from pipe insulation and pipe fittings to determine they are positive. Some of the mechanical spaces should have a more in depth survey conducted which could better assess asbestos containing material in these areas. All pipe gaskets should be assumed positive. The Alpine report noted that in the Mechanical Penthouse there was duct insulation debris which was 8 SF, so if this debris has spread or been cleaned up further investigation is needed. It was also observed that there is fiberglass pipe insulation with mudded fittings and also asbestos pipe insulation with mudded fittings and much of the duct insulation in the penthouse appears to be fiberglass. The basement area appears to have ongoing renovation and it is recommended this area looked at in more depth. Adelaide has tested fire door insulation and it is positive for asbestos; from my observation many of these doors are found throughout the entire building. The confined space areas below the floor should be addressed somehow.

All in all the amount of additional sampling has been drastically reduced. It is also my recommendation to perform XRF testing for lead based paint throughout the building, as well as additional PCB testing from any caulking which was not tested in our Campus Center Lobby Additions Report. Feel free to contact me with any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "James J. Reber".

James J. Reber
Industrial Hygienist



Adelaide Environmental Health Associates, Inc.

**RENOVATION SURVEY FOR ASBESTOS CONTAINING MATERIALS,
LEAD BASED PAINT & PCB's**

PERFORMED AT:

**SUNY Albany – Campus Center
1400 Washington Ave
Albany, New York 12222
Adelaide Project No. WTW: 08096.00-IN**

PREPARED FOR:

**WTW Architects
Timber Court
127 Anderson Street
Pittsburgh, Pennsylvania 15212**


PREPARED BY:

**Adelaide Environmental Health Associates, Inc.
1511 Route 22, Suite C24
Brewster, New York 10509**

DATED:

January 21, 2010

Submitted by:



**John W. Soter
Senior Vice-President**

RENOVATION SURVEY FOR ASBESTOS, LEAD BASED PAINT & PCB's
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APPENDICES

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1.0 BACKGROUND/PURPOSE

Adelaide Environmental Health Associates, Inc. (Adelaide) was retained by WTW Architects to perform an investigative asbestos, lead based paint and PCB survey at the SUNY Albany – Campus Center in Albany, New York. The University is renovating the first and second floors of the main lobby of the Campus Center. Adelaide was supplied an asbestos survey which was conducted by Alpine Environmental Services, Inc. on 1/6/09-1/16/09. Adelaide used this to report to homogenize asbestos containing materials (**ACM**) and verify the survey findings, thus limiting the amount of additional and/or redundant sampling. Adelaide conducted lead based paint testing utilizing XRF technology and collected caulk samples to be tested for PCBs. The inspection was performed on January 19th and 20th, 2009 by Adelaide representative James J. Reber (certified asbestos inspector/project designer and EPA certified lead paint inspector).

2.0 EXECUTIVE SUMMARY OF INSPECTION RESULTS

Following the scope of work that was given to us, Adelaide inspected the following areas: The 1st and 2nd floor of the campus centers main entrance hall and the adjacent information lobby and west lobby on the 1st floor. Adelaide collected eleven (11) asbestos, forty seven (47) XRF and three (3) PCB samples from the above-mentioned areas.

- Six (6) samples/homogenous areas came back positive for asbestos
- zero (0) XRF readings tested positive for lead
- two (2) samples tested positive for PCB's.

The survey performed by Alpine Environmental encompassed the whole campus center; the following table will only list ACM which is to be directly impacted by the campus center entrance hall renovation. There are areas assumed positive until testing is conducted.

Summary of ACM and PCB's

Sample #	Sample Location	Material Sampled	Approximate Quantity	Good, Damaged, Sig. Damaged	Comments
From Alpine Survey	Rooms 111, 111A, 114, Entry of Suite 116, Directly outside Room 115, Corridor outside Room 137 and Room 141 (Danes after dark storage)	Off White w/ Tan Specks 9x9 Floor Tile and Mastic	2000 SF	Good	Confirmed positive from the Alpine report. This material is found throughout the building and the quantity listed reflects only the spaces affected by the renovations as stated. The abated quantity may be less since only tiles in direct contact with the walls being removed will be affected.
From Alpine Survey	Rooms 108, 111, 111A, 125A, Outside 125A, 139, outside of 139, Women's bathroom adjacent to 139	Pipe Fitting Insulation	60 LF	Good	Confirmed positive from the Alpine report. Found along the fiberglass insulated piping above the drop ceilings. There are pipe fittings in other areas throughout the building and if work extends beyond the scope and marked limits these materials will need to be abated.
From Alpine Survey	Throughout the entire building	Window Glazing	-	Good	Confirmed positive from the Alpine report. The drawings do not show any windows being removed but the main entry doors have these windows between each section and may be affected by this work.

Assumed Positive by Adelaide	1 st Floor Entrance Hall Doors leading to East and West Lobby, Double doors from west lobby leading to west lounge, and doors leading to copies plus office and room 141.	Steel Fire Rated Doors	21 SF/Door	Good	Sampling will damage door and alter fire rating; therefore they are assumed positive until testing can occur or the university can provide locksmith to remove lockset to check the fireproofing core as it may be fiberglass.
3	2 nd Floor West Doors From Stairwell To Upper Lobby	Wooden Door Window – Core Insulation (white)	21 SF/Door	Damaged	There are many of these doors throughout the building. Ten (10) of these doors are within the project bounds but not listed to be removed on the 1 st floor there are eight (8) and 2 nd floor two (2), they are found in the east and west stairwells
6	Room 141 – Danes after dark storage	Wooden Door w/o Window – Core Insulation (white)	21 SF/Door	Good	Six (6) of these doors are on the 1 st floor. Door for 111, 111A, 141, 125A, doors leading from east lobby to the corridor 127. There are also many of these doors throughout the building and the ones listed are only pertinent to this project.
10	Main Lobby Entrance Doors (Exterior Set)	Soft Black Window Glazing Compound	80 LF	Good	This material appeared on three (3) of the six (6) doors all on the eastern half of the entry. The other doors appeared to have had glass replaced and have foam glazing.

PCB Sample 1a	Campus Center Main Lobby – Precast Panels	Precast Panel Caulking (White)	2000 LF	Good	The caulking is found on vertical and horizontal joints as well as around the 8 air grates attached to the precast panels on the 3 rd floor. The horizontal joint on the base line of level 3 is the same caulk but it is painted brown. The same caulking appears homogenous with exterior door and window caulking.
PCB Sample 2a	East Stairwell –Interior Side of Windows	White and Brown Caulking where the metal window frame inserts into the concrete precast.	Throughout the entire building	Good	These windows are found throughout the entire building.

Negative Material List

The following is a list of the homogeneous areas that tested negative for asbestos during this inspection (from Adelaide and Alpines Survey; only in areas being impacted by this phase of renovation):

- Terrazzo (From Alpine Survey)
- Plaster – Top and Base Coats (From Alpine Survey)
- Drywall (From Alpine Survey)
- Joint Compound (From Alpine Survey)
- Gray Floor Leveler
- White Floor Leveler
- All carpet mastics
- Red Fire Stop
- Gray Duct Sealant
- 1'x1' Ceiling Tiles
- 2'x3' Ceiling Tiles
- Dark Gray Ceramic Floor Tile and Grout
- Cinder Block Mortar
- Precast Panel Caulking (positive for PCBs)
- Interior Window Caulk (tested <1% asbestos and positive for PCBs)

3.0 ASBESTOS FIELD PROCEDURES AND ANALYSIS METHODOLOGY

3.1 INSPECTION

Guidelines used for the inspection were established by the U.S. Environmental Protection Agency (EPA) in the Guidance for Controlling Asbestos Containing Materials in Buildings, Office of Pesticides and Toxic Substances, DOC# 560/5-85-024 and 40 CFR Part 763, Asbestos Hazard Emergency Response Act (AHERA). Field information was organized as per the AHERA concept of a homogeneous area (HA); that is, suspect Asbestos Containing Materials (ACM) with similar age, appearance, and texture were grouped together, sampled and assessed for condition.

For the purposes of this inspection, suspect ACM has been placed in three material categories: thermal, surfacing, and miscellaneous.

Surfacing materials are those that are sprayed on, troweled on or otherwise applied to surfaces for fireproofing, acoustical, or decorative purposes (e.g., wall and ceiling plaster).

Thermal materials are those applied to heat pipes or other structural components to prevent heat loss or gain or prevent water condensation (e.g., pipe and fitting insulation, duct insulation, boiler flue).

Miscellaneous materials are interior building materials on structural components, structural members or fixtures, such as floor and ceiling tiles, etc. and do not include surfacing material or thermal system insulation.

3.2 SAMPLING

SURFACING MATERIALS

Surfacing materials were grouped into homogeneous sampling areas. A homogeneous area contains material that is uniform in color and texture and appears identical in every other respect. Materials installed at different times belong to different sampling areas. Homogeneous areas were determined on per floor basis.

The following protocol was used for determining the number of samples to be collected:

- At least three bulk samples were collected from each homogeneous area that is 1,000 square feet or less.
- At least five bulk samples were collected from each homogeneous area that is greater than 1,000 square feet but less than or equal to 5,000 square feet.
- At least seven bulk samples were collected from each homogeneous area that is greater than 5,000 square feet.

THERMAL SYSTEM INSULATION (TSI)

The concept of homogeneous sampling areas applies equally well to thermal insulation as to surfacing material. A "typical" building may contain multiple insulated pipe runs from any combination of the following categories:

- Hot water supply and/or return
- Cold water supply
- Chilled water supply
- Steam supply and/or return
- Roof or system drain

The following protocol was used for determining the number of samples to be collected.

- Collect at least three bulk samples from each homogeneous area of thermal system insulation.
- Collect at least one bulk sample from each homogeneous area of patched thermal system insulation if the patched section is less than 6 linear or square feet.
- In a manner sufficient to determine whether the material is ACM or not ACM, collect a minimum of three bulk samples from each homogeneous insulated mechanical system tee, elbow, and valve.

Bulk samples are not collected from any homogeneous area where the certified inspector has determined that the thermal system insulation is fiberglass, foam glass, or rubber.

MISCELLANEOUS MATERIALS

Miscellaneous materials are grouped into different homogeneous areas and at least two bulk samples are collected from each homogeneous area as per the clarification letter from the EPA and the Professional Abatement Contractors of New York, Inc in November of 2007.

3.3 ANALYSIS

Bulk samples of suspect ACM were analyzed by Polarized Light Microscopy (PLM) with dispersion staining, as described in 40CFR Part 763 and the National Emissions Standard for Hazardous Air Pollutants (NESHAPS).

The New York State (NYS) Department of Health has recently revised the PLM Stratified Point Counting Method. The new method, Polarized Light Microscopy for Identifying and Quantitating Asbestos in Bulk Samples can be found as Item 198.1 in the Environmental Laboratory Accreditation Program (ELAP) Certification manual.

The State of New York ELAP has determined that analysis of NOB materials is not reliably performed by PLM. Therefore, if PLM yields negative results for a non-friable material, it must be confirmed by Transmission Electron Microscopy (TEM) analysis. All NOB samples were initially analyzed by utilizing PLM methodology.

4.0 CONCLUSIONS AND RECOMMENDATIONS

This survey concluded that the materials listed in Section 1.0 Executive Summary tested ***positive for the presence of:***

Asbestos: These areas must be abated prior to building demolition or renovation if they are to be disturbed.

PCB's: These materials must be removed and disposed of in accordance with applicable codes.

5.0 AREAS NOT ACCESSIBLE

Adelaide Environmental Health Associates inspected and sampled materials which were visible and/or accessible to the survey team. Adelaide does not inspect physically inaccessible areas, such as between walls, above fixed ceilings, under concrete slabs, etc. This report makes no representations as to the content of these areas or materials.

All materials present in those not accessible areas shall be assumed positive until tested.

6.0 REPORT CERTIFICATIONS

Adelaide Environmental Health Associates certifies that the information contained herein is based on the physical and visual inspections conducted by Adelaide and data collected during the inspection survey.

7.0 TRANSMITTAL OF BUILDING/STRUCTURE ASBESTOS SURVEY

One (1) copy of the results of the building/structure asbestos survey shall be immediately transmitted by the building/structure owner as follows:

(1) One (1) copy of the completed asbestos survey shall be sent by the owner or their agent to the local government entity charged with issuing a permit for such demolition, renovation, remodeling or repair work under applicable State or local laws.

(2) The completed asbestos survey for controlled demolition (as per Subpart 56-11.5) or pre-demolition asbestos projects shall also be submitted to the appropriate Asbestos Control Bureau district office.

(3) The completed asbestos survey shall be kept on the construction site with the asbestos notification and variance, if required, throughout the duration of the asbestos project and any associated demolition, renovation, remodeling or repair project.

APPENDIX A

ASBESTOS REPORT FORM

Table I
Summary of Bulk Asbestos Analysis Results
 WTW: 08096.00-IN; SUNY Albany, Campus Center; Albany, NY

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	1	1	0.266	54.1	30.8	15.0	NAD	NAD
Location:	2nd Floor; Campus Center Lobby - Precast Panels - Caulking Between Panels (Off White & Soft)							
02	2	1	0.243	51.4	28.8	19.8	NAD	NAD
Location:	2nd Floor; Campus Center Lobby - Precast Panels - Caulking Between Panels (Off White & Soft)							
03	3	2	---	---	---	---	Chrysotile 26.7	NA
Location:	2nd Floor; West Doors From Stairwell To Upper Lobby - Wooden Door With Window - Core Insulation (White)							
04	4	2	---	---	---	---	NA/PS	NA
Location:	2nd Floor; West Doors From Stairwell To Upper Lobby - Wooden Door With Window - Core Insulation (White)							
05	5	2	---	---	---	---	NA/PS	NA
Location:	3rd Floor; West Doors From Stairwell To Upper Lobby - Wooden Door With Window - Core Insulation (White)							
06	6	3	---	---	---	---	Chrysotile 25.0	NA
Location:	1st Floor; Door For Danes After Dark Storage - Wooden Door W/O Window - Core Insulation (White)							
07	7	3	---	---	---	---	NA/PS	NA
Location:	1st Floor; Door For Danes After Dark Storage - Wooden Door W/O Window - Core Insulation (White)							
08	8	4	0.340	55.6	25.6	18.6	NAD	Chrysotile Trace Anthophyllite Trace
Location:	1st Floor; East Stairwell - Interior Window Caulk (White w/Dark Sticky Brown) Underside of It							
09	9	4	0.242	60.7	23.6	15.5	NAD	Chrysotile Trace Anthophyllite Trace
Location:	1st Floor; East Stairwell - Interior Window Caulk (White w/Dark Sticky Brown) Underside of It							
10	10	5	0.357	39.8	27.7	30.6	Chrysotile 2.0	NA
Location:	1st Floor; Main Lobby Entrance Doors (Exterior Jet) Soft Black Window Glazing Compound							
11	11	5	0.203	39.9	30.0	30.0	NA/PS	NA
Location:	1st Floor; Main Lobby Entrance Doors (Exterior Jet) Soft Black Window Glazing Compound							

Analyzed by: Mark Peysakhov

Date Analyzed 1/21/2010

**Quantitative Analysis (Semi/Fill): Bulk Asbestos Analysis - PLM by EPA 600/M4-82-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi/Fill) by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation); or ELAP 198.4 for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "N/A = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); AIHA Lab # 102843, NVLAP Lab Code 200546-0, NYSDOH ELAP LAB ID 11480.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: _____


AmeriSci New York

117 EAST 30TH ST.
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-3114

PLM Bulk Asbestos Report

Adelaide Environmental Health
Attn: John Soter
1511 Rte. 22 Suite C24
Brewster, NY 10509

Date Received 01/21/10 AmeriSci Job # 210012746
Date Examined 01/21/10 P.O. #
ELAP # 11480 Page 1 of 3
RE: WTW: 08096.00-IN; SUNY Albany; Campus Center; Albany,
NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
1	210012746-01	No	NAD
1	Location: 2nd Floor; Campus Center Lobby - Precast Panels - Caulking Between Panels (Off White & Soft)		(by NYS ELAP 198.6) by Ella Babayeva on 01/21/10
Analyst Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 15 %			
2	210012746-02	No	NAD
1	Location: 2nd Floor; Campus Center Lobby - Precast Panels - Caulking Between Panels (Off White & Soft)		(by NYS ELAP 198.6) by Ella Babayeva on 01/21/10
Analyst Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
3	210012746-03	Yes	26.7 %
2	Location: 2nd Floor; West Doors From Stairwell To Upper Lobby - Wooden Door With Window - Core Insulation (White)		(by NYS ELAP 198.1) by Ella Babayeva on 01/21/10
Analyst Description: White, Homogeneous, Fibrous, Bulk Material			
Asbestos Types: Chrysotile 26.7 %			
Other Material: Non-fibrous 73.3 %			
4	210012746-04		NA/PS
2	Location: 2nd Floor; West Doors From Stairwell To Upper Lobby - Wooden Door With Window - Core Insulation (White)		
Analyst Description: Bulk Material			
Asbestos Types:			
Other Material:			
5	210012746-05		NA/PS
2	Location: 3rd Floor; West Doors From Stairwell To Upper Lobby - Wooden Door With Window - Core Insulation (White)		
Analyst Description: Bulk Material			
Asbestos Types:			
Other Material:			

AmeriSci Job #: 210012746

Page 2 of 3

Client Name: Adelaide Environmental Health

PLM Bulk Asbestos ReportWTW: 08096.00-IN; SUNY Albany; Campus Center; Albany,
NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6 3	210012746-06 Location: 1st Floor; Door For Danes After Dark Storage - Wooden Door W/O Window - Core Insulation (White)	Yes	25 % (by NYS ELAP 198.1) by Ella Babayeva on 01/21/10
Analyst Description: White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 25.0 % Other Material: Cellulose 35 %, Non-fibrous 40 %			
7 3	210012746-07 Location: 1st Floor; Door For Danes After Dark Storage - Wooden Door W/O Window - Core Insulation (White)		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
8 4	210012746-08 Location: 1st Floor; East Stairwell - Interior Window Caulk (White w/Dark Sticky Brown) - Underneath It	No	NAD (by NYS ELAP 198.6) by Ella Babayeva on 01/21/10
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 18.8 %			
9 4	210012746-09 Location: 1st Floor; East Stairwell - Interior Window Caulk (White w/Dark Sticky Brown) - Underneath It	No	NAD (by NYS ELAP 198.6) by Ella Babayeva on 01/21/10
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 15.7 %			
10 5	210012746-10 Location: 1st Floor; Main Lobby Entrance Doors (Exterior Jet) Soft Black Window Glazing Compound	Yes	2 % (ELAP 198.6; 400pc) by Ella Babayeva on 01/21/10
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 2.0 % Other Material: Non-fibrous 30.5 %			
11 5	210012746-11 Location: 1st Floor; Main Lobby Entrance Doors (Exterior Jet) Soft Black Window Glazing Compound		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			

AmeriSci Job #: 210012746

Page 3 of 3

Client Name: Adelaide Environmental Health

PLM Bulk Asbestos ReportWTW: 08096.00-IN; SUNY Albany; Campus Center; Albany,
NY**Reporting Notes:**

Analyzed by: Ella Babayeva



*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NYLAP Lab Code 200546-0), ELAP PLM Method 198.1 for NY friable samples or 198.6 for NOB samples (NY ELAP Lab ID11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile,FR 59,146,38970,8/1/94). National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab. This PLM report relates ONLY to the items tested. AIHA Lab # 102843.

Reviewed By: _____

END OF REPORT

Insert 9 - 15

Adelaide Environmental Health Associates, Inc

1511 Rte. 22, Suite C24
Brewster, NY 10509
845-278-7710
845-278-7750 - fax

210012746

01/21/2010 14:32

2126793114

AMERISCI

PAGE 05/05

Site Address: SUNY ALBANY		Date: 1/20/10	Inspector(s) James Reber			
CAMPUS CENTER						
Project #: WTW:08096.00-1N						
Sample ID #	Homogeneous Area	Floor Level	Sample Location/Description	Quantity (in Feet)	Frangible	Condition B, d, sd
1	1	2	CAMPUS CENTER LOBBY - PRECAST PANELS - CAULKING BETWEEN PANELS	1800 LF	NF	G
2	1	2	↓ - OFF WHITE & SOFT	"	"	"
3	2	2	WEST DOORS FROM STAIRWELL TO UPPER LOBBY - WOODEN DOVE NITE WINDOW - CORE INSULATION (WHITE)	21 SF	F	D
4	2	2	↓ - CORE INSULATION (WHITE)	DOOR	↓	D
5	2	3	↓ -	↓	↓	D
6	3	1	DOOR FOR DANCES AFTER DARK - STORAGE - WOODEN DOVE NITE WINDOW - CORE INSULATION (WHITE)	21 SF	F	G
7	3	1	↓ - INSULATION (WHITE)	DOOR	"	"
8	4	1	EAST STAIRWELL - INTERIOR WINDOW CAULK (WHITE w/ DARK STICKY BROWN)	2000 LF	NF	G
9	4	1	↓ - UNDERNEATH IT	"	"	"
10	5	1	MAIN LOBBY ENTRANCE DOORS (EXTERIOR SET) - BLACK WINDOW GLAZING (ORIGINAL)	80 LF	NF	G
11	5	1	↓ -	"	"	"
Special Instructions/ Turnaround Time:						
Same Day TAT						
Relinquished by: [Signature]						
Received by: [Signature]						
Relinquished by: [Signature]						
Received by: [Signature]						
Stop at 1st Positive per Homogeneous Area Fax Results to 845-278-7750 E-mail Results to AdelaideLabResults@adelaideilc.com						

1236

APPENDIX B

XRF RESULTS



Adelaide

Environmental Health Associates, Inc
1454 Route 22, #B202, Brewster, NY 10509
Phone: 845.278.7710 Fax: 845.278.7750
LBP TESTING DATA SHEET

Address

SUNY ALBANY
CAMPUS CENTER

Date:

1/20/10

Work Area:

LOBBY ADDITION AREAS

Inspector:

JAMES REBER

Project#

WTW-08096.00-1N

Assay #	Room	Component	Color	Substrate	XRF Reading (mg/cm2)	Classification (Pos, Neg, Inc)
1		CALIBRATE			1.0	ACCEPT
2					1.1	
3					1.1	
4	CORRIDOR FOR RM 138 & 137	WALL B	CREAM	PLASTER	0.3	NEG
5		WALL D	↓	↓	0.0	↓
6		CEILING	WHITE	↓	0.6	↓
7	INFO. LOBBY 0125	DOOR JAMB (DBL DOORS)	PURPLE	STEEL	0.6	NEG
8		DOOR FRAME (")	↓	↓	0.6	↓
9		DOOR (")	↓	WOOD	-0.2	↓
10		WALL A	CREAM	PLASTER	0.1	NEG
11		WALL B	↓	PLASTER	-0.2	↓
12		WALL C	↓	PLASTER	0.0	↓
13		WALL D	↓	DRYWALL	0.0	↓
14		CEILING	WHITE	PLASTER	0.5	↓
15		BASEBOARD	PURPLE	WOOD	0.2	↓
16		FIRE BELL GRATE	CREAM	STEEL	0.0	↓
17	UPD OFFICE	DOOR	PURPLE	↓	-0.1	↓
18		DOOR JAMB	↓	↓	0.0	↓
19	EAST STAIRWELL	WINDOW CASING	CREAM	CONCRETE	0.2	NEG
20		WALL A	↓	PLASTER	-0.1	↓
21		WALL C	↓	↓	-0.1	↓
22		STAIR RAILING	BLACK	STEEL	0.6	↓
23	COPIES PLUG LOBBY 0112	WALL A	CREAM	PLASTER	0.0	NEG
24		WALL B	↓	↓	-0.2	↓
25		WALL C	↓	DRYWALL	-0.2	↓
26		WALL D	↓	PLASTER	0.0	↓
27		CEILING	WHITE	PLASTER	0.4	↓
28		BASEBOARD	PURPLE	WOOD	0.1	↓

APPENDIX C

PCB RESULTS

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

**Adelaide Environmental Health
Associates, Inc.
1511 Route 22 Suite C24
Brewster, NY 10509
Attention: John Soter**

Report Date: 1/21/2010
Re: Client Project ID: WTW:08096.00-IN
York Project No.: 10010558

CT License No. PH-0723

New Jersey License No. CT-005

New York License No. 10854

PA Reg. 68-04440



Report Date: 1/21/2010
Client Project ID: WTW:08096.00-IN
York Project No.: 10010558

Adelaide Environmental Health
Associates, Inc.
1511 Route 22 Suite C24
Brewster, NY 10509
Attention: John Soter

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 01/21/10. The project was identified as your project "WTW:08096.00-IN".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			1a-PRECAST CAULK		2a-INTERIOR WINDOW CAULK	
York Sample ID			10010558-01		10010558-02	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	255	Not detected	255
PCB 1221			Not detected	255	Not detected	255
PCB 1232			Not detected	255	Not detected	255
PCB 1242			Not detected	255	Not detected	255
PCB 1248			Not detected	255	Not detected	255
PCB 1254			9900	255	8000	255
PCB 1260			Not detected	255	Not detected	255

YORK

Client Sample ID			3a-ENTRY DOOR GLAZING	
York Sample ID			10010558-03	
Matrix			SOLID	
Parameter	Method	Units	Results	MDL
PCB	SW846-3550B/8082	mg/Kg	---	---
PCB 1016			Not detected	0.561
PCB 1221			Not detected	0.561
PCB 1232			Not detected	0.561
PCB 1242			Not detected	0.561
PCB 1248			Not detected	0.561
PCB 1254			7.35	0.561
PCB 1260			Not detected	0.561

Units Key:

For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 10010558

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: 

Robert Q. Bradley
Managing Director

Date: 1/21/2010

YORK

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 10010558

Client Information		Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/ID
Company: <u>Adelaide Environmental</u>		<input checked="" type="checkbox"/> SAME	<input checked="" type="checkbox"/> SAME		RUSH Same Day	Summary
Address: <u>1511 Route 22, C24</u>	Name: _____		Name: _____	WTW:08096.00-IN	RUSH Next Day	QA/QC Summary
	Company: _____		Company: _____		RUSH Two Day	CT RCP Pkg
Phone no.: <u>845.278.7710</u>	Address: _____		Address: _____	Purchase Order no.	RUSH Three Day	ASP A Pkg
Contact Person: <u>John Soter</u>				SUNY Albany	RUSH Four Day	ASP B Pkg
E-mail Address: <u>Adelaide@mail@adelaideinc.com</u>	E-mail: _____		E-mail _____	Samples from: CT __ NY __ NJ __	Standard (5-7 days)	Excel
FAX No.: <u>845.278.7750</u>	Fax No.: _____		Fax No.: _____		OTHER	EDD

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

James J. Reber

Volatiles		Semi-Volat	NonVolatile	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters	
8260 full	TICs	8270 or 623	RCR48		TPH GRO	Ph.Poll.	Corrosivity	Color
Site Spec.	624	STAR5	PP13		TPH DRD	TCL Oganics	Reactivity	Phenols
STAR5	SPL Pa-TCLP	BN Only	TAL		CT ETPH	TAL MeCon	Ignitability	Cyanide-T
BTEX	Benzene	Acids Only	CT15		NY 310-13	Full TCLP	Flash Point	Cyanide-A
MTBE	Nassau Co.	PAH	Total		TPH 418.1	Full App. IX	Silver Anal.	Tot. Nitrogen
TCL list	Suffolk Co.	Site Spec.	Dissolved		Air TO14A	Par 360-Routine	Heteroatoms	Ammonia-N
TAGM	Ketones	CT RCP	SPL Pa-TCLP		Air TO15	Par 360-Baseline	Chloride	BOD5
CT RCP	Oxygenates	TCL list	TCLP Pest		Air STARS	Part 360-Residual	Phosphate	BOD28
Arom.	TCLP list	TICs	TCLP Herb		Air VPH	Part 360-Residual (No Unsat. Name)	Tot. Phos.	COD
Halog.	524.2	App. IX	Chloride		Ph. As. Cd	Part 360-Residual (No Unsat. Name)	Oil/Grease	TSS
App. IX	502.2	SPL Pa-TCLP	Cr. Ni. Bc. Fe.		Air TICs	NYDCPE-Sever	F.O.G.	Tot Solids
8021B list	5035	TCLP BNA	Se. Ti. Sh. Cu.		Methane	NYDCPE-Sever	pH	TDS
			Na. Mn. As. Hg.		Helium	TAGM	Adhesives	TPH-JR
			608 PCB				Silica	

Choose Analyses Needed from the Menu Above and Enter Below

	1/20/10	CAULKING	PCBS
1a - PRECAST CAULK			
2a - INTERIOR WINDOW CAULK			
3a - ENTRY DOOR GASKETING			

Comments	Preservation "X" those applicable	Cool 4°C	HNO3	H2SO4	NaOH	NONE	FROZEN		
		Samples Relinquished By <i>payr</i>		Date/Time <i>1/20/10</i>		Samples Received By <i>P. Grace</i>		Date/Time <i>1/21/10 0930</i>	
		Samples Relinquished By		Date/Time		Samples Received in "AB" by		Date/Time	

APPENDIX D

SAMPLE LOCATION MAPS

Required Info

- Asbestos Testing & Pain?
- Eggless Pain?
- Paving Pains?
- Wikipedia
- Temporary Construction E
- Staging Areas.
- Cost Estimates
- Schedules.

uspect, AZ124

Soob. Dugay - 1

RATED ON 25th

10

0001 | 0004

Age Group	Percentage of Correct Responses
4-5	~60
6-7	~75
8-9	~85
10-11	~95

Figure 1 is a line graph showing the percentage of total energy expenditure (TEE) for different activities over a 24-hour period. The Y-axis is 'Percentage of TEE' (0-100) and the X-axis is 'Time of day' (0-24). The activities and their approximate percentages are:

Time of day	Sleeping	Resting	Sedentary	Light	Moderate	Vigorous
0	~40	~10	~10	~10	~10	~0
4	~40	~10	~10	~10	~10	~0
8	~10	~10	~10	~10	~10	~10
12	~10	~10	~10	~10	~10	~10
16	~10	~10	~10	~10	~10	~10
20	~10	~10	~10	~10	~10	~10
24	~40	~10	~10	~10	~10	~0

WISDOM PAPERS

100

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Age Group	U.S. should take action (%)	U.S. should not take action (%)
18-29	85	15
30-49	80	20
50-69	85	15
70+	90	10

Age Group	Percentage of Respondents
18-24	10
25-34	35
35-44	25
45-54	15
55-64	5
65-74	2
75-84	1
85-94	0
95+	0

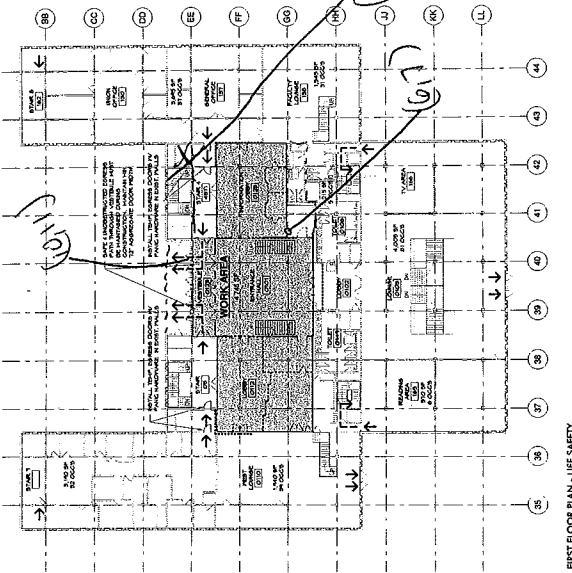
FIRST FLOOR DEMO PLAN



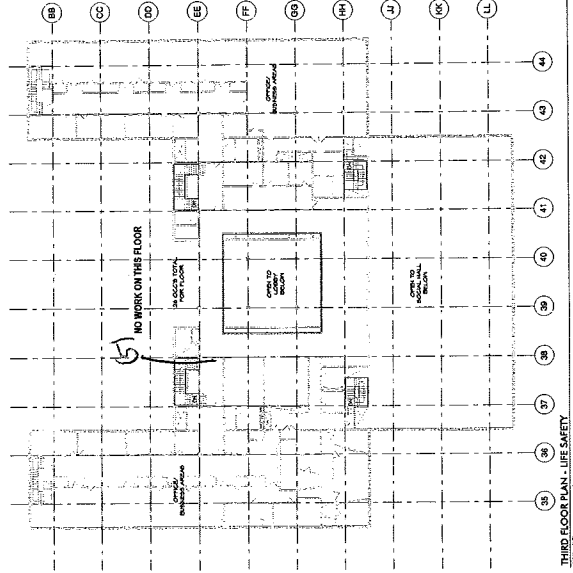
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100	ISSUED FOR PERMITTING	01/11/2022

LIFE SAFETY PLAN LEGEND

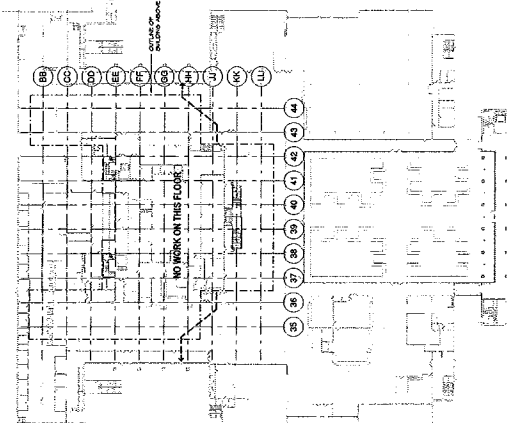
- 1-1/2" PRE-CAST PARTITION
- EXISTING ROUTE
- TEMPORARY CONSTRUCTION BARRIER
- WORK AREA
- AREA TO BE DEMOLISHED AND RECONSTRUCTED



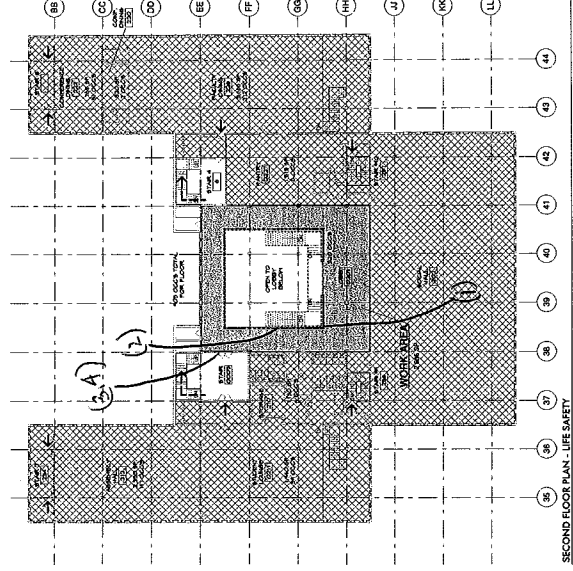
FIRST FLOOR PLAN - LIFE SAFETY
1/11/2022



THIRD FLOOR PLAN - LIFE SAFETY
1/11/2022



BASEMENT FLOOR PLAN - LIFE SAFETY
1/11/2022



SECOND FLOOR PLAN - LIFE SAFETY
1/11/2022

Renovate
Campus
Center
Entrance Hall
University of Illinois
1400 University Avenue
Urbana, IL 61801
Phone: 217/244-2000

Life
Safety
Plans -
During
Constr.
PROCESS

DATE: 01/11/2022
DRAWN BY: [Name]
CHECKED BY: [Name]
APPROVED BY: [Name]

A0.1

APPENDIX E

PERSONNEL AND LABORATORY

CERTIFICATIONS

NEW YORK STATE - DEPARTMENT OF LABOR

DIVISION OF SAFETY AND HEALTH
LICENSE AND CERTIFICATE UNIT
STATE CAMPUS BUILDING 12
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

Adelaide Environmental Health Associates, Inc.
Suite C24
1511 Route 22
Brewster, NY 10509

FILE NUMBER: 99-0656
LICENSE NUMBER: 29305
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 07/08/2009
EXPIRATION DATE: 07/31/2010

Duly Authorized Representative — John Soter

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Maureen A. Cox
Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (4-07)

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2010
Issued April 01, 2009

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. PAUL MUCHA
AMERICA SCIENCE TEAM NEW YORK INC
117 EAST 30TH ST
NEW YORK, NY 10016

NY Lab Id No: 11480
EPA Lab Code: NY01378

*is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:*

Miscellaneous

Asbestos in Friable Material	EPA 600/M4/82/020 Item 198.1 of Manual
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	ITEM 198.4 OF MANUAL

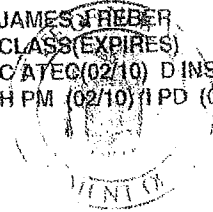
Serial No.: 38968

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



JAMES J. HEBER
CLASS(EXPIRES)
C/ATEC(02/10) D/INSP(02/10)
H/PM (02/10) I/PO (02/10)



06-08268
1422435

MUST BE CARRIED ON ASBESTOS PROJECTS



EYES BRO
HAIR BRO
HGT 5' 11"

IF FOUND RETURN TO:
NYSDEL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240

United States Environmental Protection Agency

This is to certify that

Adelaide Environmental Health Associates Inc

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402(a)(1), and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226.

In the Jurisdiction of:

New York

This certification is valid from the date of issuance and expires

March 6, 2010

NY-15081-1

Certification #

FEB 22 2007

Issued On

Kenneth S. Stoller

Kenneth S. Stoller, P.E., QEP, DEE, Chief

Pesticides & Toxic Substances Branch





44 Hunt Street Watertown, MA 02472

Leak Test Certificate

Customer: Adelaide Associates, LLC

System: LPA-1 Serial Number: 2695 Test Date: 11 JUL 08

Source Manufacturer: IPL Source Model: CUS

Active Material: CO⁵⁷ Source Activity: 444 MBq

Source Serial Num.: F2-313

Assay Date: 11 JUL 08

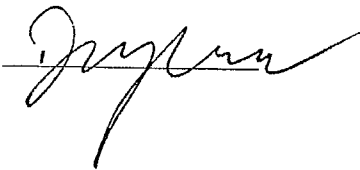
Source Enclosure: Stainless Steel in Tungsten Holder

Type of Test: Wipe

Areas Tested and Results: Front and Sides of Bezel

Results:

All Below .005 μ Ci

Test Performed By: 

MC170C

RMD Instruments, LLC

CERTIFICATION

Dear Customer:

This is to certify that the old radioactive source, previously installed in your LPA-1 XRF analyzer, has been removed for decommissioning as part of the resource process of your unit.

The old source, Co-57, will be disposed in accordance with all applicable rules and regulations.

LPA-1 Serial Number: 2695

Source Model: NAS

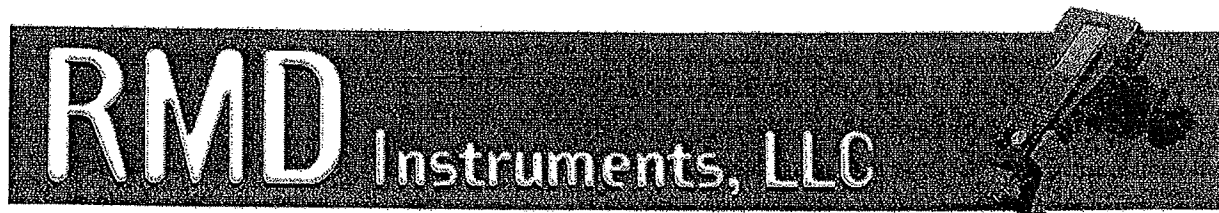
Source Serial Number 106035

Date of Removal: 7/9/08
DN

If you have any question please do not hesitate to contact us at 617-668-6901 or lpa@rmdinc.com.

Sincerely,

Radiation Safety Department
RMD Instruments, LLC



Change in the Leak Test interval requirements

To: All RMD Customers
From: RMD's Radiation Safety Department
Date: July 30, 2007
Re: Changes in Leak Test interval requirements

As a part of the requirements for the possession of a device containing a sealed radioactive source, a licensee must perform scheduled leak tests of such device (source) at specified intervals per the device's SS&D certification.

The State of Massachusetts, the licensing authority, has amended the LPA-1 analyzer's SS&D certification, MA-0573-D-103-B.

Per RMD's request, based on the number of sources used over the years and the safety track record of the LPA-1, the State has modified the required interval for a Leak Test from 6 months to 12 months.

This change in the Leak Test interval requirement applies to all LPA-1 XRF analyzers shipped from RMD as of August 1, 2007.

If there is a question regarding this notification, please contact RMD's radiation safety department at Service@RMDInc.com or call us at 617-668-6901.

Respectfully,
Radiation Safety Department
RMD Instruments, LLC

RMD Instruments, LLC

LPA-1 XRF Analyzer Package Shipment

This is to certify that this package conforms to all packaging requirements of the U.S. Department of Transportation (DOT) and International Air Transport Association rules and regulations regarding the shipment of Radioactive Materials.

This package conforms to the conditions and limitations specified in 49 CFR 173.424 for Excepted Package, Radioactive Material, Instruments and Articles, UN 2911 and also IATA Section 10.5.9.5.

The radiation level at the surface of this package is less than 5 μSv (0.5 mRem/hr).

No label is required.

This letter should accompany the package during transportation at all times.

For Hazard Material Emergency Call

RMD Instruments, LLC

800-476-0652

User Manual Attachment for the new Firmware version

Time Corrected Mode:

The LPA-1 can now operate in either of three measurement modes, Standard Mode, Quick Mode, or Time Corrected Mode (TC). Time Corrected Mode is a Standard Mode 30-Secs measurement corrected for the decay of the source. The user can use this mode for Calibration shots at the beginning and at the end of a job.

Example: After 9 months the measurement time in the TIME CORRECTED MODE will be 60-Secs.

To Set the LPA-1 in the Time Corrected Mode:

1. Pull the trigger briefly or press any key to obtain a READY message.
2. Press SELECT MODE key. LPA-1 will display "QUICK MODE", "STD MODE XX" or "TIME CORRECTED" depending on the present setting.
3. Press the Select Mode key (toggle between the operation modes) until the TIME CORRECTED mode is displayed on the analyzer.
4. The LPA-1 is now set to TIME CORRECTED Mode and ready to take measurement.

Changing the Abatement Level:

Changing the abatement level should be accomplished at the beginning of a job prior taking any measurement. An attempt to change the abatement level after a measurement is taken will result in an analyzer prompt message "ACCESS DENIED" and return to the "READY" mode.

Changing the Date & Time:

Setting the date and time in the LPA-1 analyzer is only possible after a system RESET. An attempt to change the date and time at any other condition, will result in an analyzer prompt message "ACCESS DENIED" and return to the "READY" mode.

Changing the Measurement Mode in Average:

Changing the Measurement Mode (STD, QM, TC) is not possible in the middle of an average set measurements. The user may change the operation mode after completion of the measurements and display of the average value on the screen.

Starting a New Unit in Average:

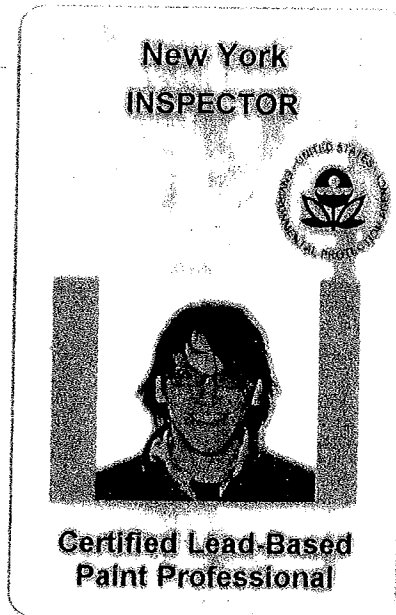
Starting a NEW UNIT is not possible when the LPA-1 is in the Average Mode. The Analyzer will display the prompt message "ACCESS DENIED" in this condition. To start a New Unit the Average Mode should be deactivated, by pressing the Average key.

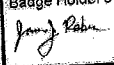
Deleting Readings in Average Mode:

Deleting one reading in Average Mode is no longer possible. The Delete function during an average mode measurement will result in deleting the entire set of readings. Deleting more than one reading or one set of readings in Average Mode is still not possible. The message "DELETE DENIED" will be displayed.


Time Out in Standard Mode Measurement:

LPA-1 analyzer now shows the remaining time for the completion of a measurement in the Standard Mode. For example; for a 30 second measurement in Standard Mode 30-Secs the analyzer displays TIME LEFT 29 OF 30 and counts down to TIME LEFT 1 OF 30, end of measurement.



Certification No NY-I-16155-1	
Date of Birth 02/21/1982	Expiration Date 02/01/2011
Address 412 Franklin St Buffalo, NY 14202	
Badge Holder's Name James J. Reber	
Badge Holder's Signature 	

If found, drop in any mailbox
Postmaster: Please return to:
US EPA
1200 Pennsylvania Ave, NW
(MC-74040T)
Washington, DC 20460
or call 1-800-424-LEAD



NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2010
Issued April 01, 2009

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. ROBERT Q. BRADLEY
YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DRIVE
STRATFORD, CT 06615

NY Lab Id No: 10854
EPA Lab Code: CT00106

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:*

Characteristic Testing

Corrosivity	EPA 1110
Ignitability	EPA 1010
Reactivity	SW-846 Ch7 Sec. 7.3

Chlorinated Hydrocarbon Pesticides

4,4'-DDD	EPA 8081A
4,4'-DDE	EPA 8081A
4,4'-DDT	EPA 8081A
Aldrin	EPA 8081A
alpha-BHC	EPA 8081A
beta-BHC	EPA 8081A
Chlordane Total	EPA 8081A
delta-BHC	EPA 8081A
Dieldrin	EPA 8081A
Endosulfan I	EPA 8081A
Endosulfan II	EPA 8081A
Endosulfan sulfate	EPA 8081A
Endrin	EPA 8081A
Endrin aldehyde	EPA 8081A
Heptachlor	EPA 8081A
Heptachlor epoxide	EPA 8081A
Lindane	EPA 8081A
Methoxychlor	EPA 8081A

Chlorinated Hydrocarbons

1,2,4-Trichlorobenzene	EPA 8270C
2-Chloronaphthalene	EPA 8270C
Hexachlorobenzene	EPA 8270C
Hexachlorobutadiene	EPA 8270C

Chlorinated Hydrocarbons

Hexachlorocyclopentadiene	EPA 8270C
Hexachloroethane	EPA 8270C

Chlorophenoxy Acid Pesticides

2,4,5-T	EPA 8151A
2,4,5-TP (Silvex)	EPA 8151A
2,4-D	EPA 8151A
Dicamba	EPA 8151A

Haloethers

Bis (2-chloroisopropyl) ether	EPA 8270C
Bis(2-chloroethoxy)methane	EPA 8270C

Metals I

Barium, Total	EPA 6010B
Cadmium, Total	EPA 6010B
Chromium, Total	EPA 6010B
Lead, Total	EPA 6010B
Nickel, Total	EPA 6010B
Silver, Total	EPA 6010B

Metals II

Antimony, Total	EPA 6010B
Arsenic, Total	EPA 6010B
Selenium, Total	EPA 6010B

Nitroaromatics and Isophorone

2,4-Dinitrotoluene	EPA 8270C
2,6-Dinitrotoluene	EPA 8270C
Isophorone	EPA 8270C

Serial No.: 39096

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.



NELAP Recognized

Insert 9 - 39

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Nitroaromatics and Isophorone

Nitrobenzene EPA 8270C

Phthalate Esters

Benzyl butyl phthalate EPA 8270C
Bis(2-ethylhexyl) phthalate EPA 8270C
Diethyl phthalate EPA 8270C
Di-n-butyl phthalate EPA 8270C
Di-n-octyl phthalate EPA 8270C

Polychlorinated Biphenyls

PCB-1016 EPA 8082
PCB-1221 EPA 8082
PCB-1232 EPA 8082
PCB-1242 EPA 8082
PCB-1248 EPA 8082
PCB-1254 EPA 8082
PCB-1260 EPA 8082

Polynuclear Aromatic Hydrocarbons

Acenaphthene EPA 8270C
Acenaphthylene EPA 8270C
Anthracene EPA 8270C
Benzo(a)anthracene EPA 8270C
Benzo(a)pyrene EPA 8270C
Benzo(b)fluoranthene EPA 8270C
Benzo(ghi)perylene EPA 8270C
Chrysene EPA 8270C
Dibenzo(a,h)anthracene EPA 8270C
Fluoranthene EPA 8270C

Polynuclear Aromatic Hydrocarbons

Fluorene EPA 8270C
Indeno(1,2,3-cd)pyrene EPA 8270C
Naphthalene EPA 8270C
Phenanthrene EPA 8270C
Pyrene EPA 8270C

Priority Pollutant Phenols

2,4,6-Trichlorophenol EPA 8270C
2,4-Dimethylphenol EPA 8270C
2,4-Dinitrophenol EPA 8270C
2-Chlorophenol EPA 8270C
2-Methyl-4,6-dinitrophenol EPA 8270C
2-Nitrophenol EPA 8270C
4-Chloro-3-methylphenol EPA 8270C
4-Nitrophenol EPA 8270C
Pentachlorophenol EPA 8270C
Phenol EPA 8270C

Purgeable Aromatics

1,2-Dichlorobenzene EPA 8260B
1,3-Dichlorobenzene EPA 8260B
1,4-Dichlorobenzene EPA 8260B
Benzene EPA 8260B
Chlorobenzene EPA 8260B
Ethyl benzene EPA 8260B
Toluene EPA 8260B
Total Xylenes EPA 8260B

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Purgeable Halocarbons

1,1,1-Trichloroethane	EPA 8260B
1,1,2,2-Tetrachloroethane	EPA 8260B
1,1,2-Trichloroethane	EPA 8260B
1,1-Dichloroethane	EPA 8260B
1,1-Dichloroethene	EPA 8260B
1,2-Dichloroethane	EPA 8260B
1,2-Dichloropropane	EPA 8260B
2-Chloroethylvinyl ether	EPA 8260B
Bromodichloromethane	EPA 8260B
Bromoform	EPA 8260B
Bromomethane	EPA 8260B
Carbon tetrachloride	EPA 8260B
Chloroethane	EPA 8260B
Chloroform	EPA 8260B
Chloromethane	EPA 8260B
cis-1,3-Dichloropropene	EPA 8260B
Dibromochloromethane	EPA 8260B
Dichlorodifluoromethane	EPA 8260B
Methylene chloride	EPA 8260B
Tetrachloroethene	EPA 8260B
trans-1,3-Dichloropropene	EPA 8260B
Trichloroethene	EPA 8260B
Trichlorofluoromethane	EPA 8260B
Vinyl chloride	EPA 8260B

Sample Preparation Methods

EPA 3010A
EPA 3031
EPA 3040A
EPA 3050B
EPA 3060A
EPA 3540C
EPA 3545
EPA 3550B
EPA 3580
EPA 3585
EPA 5030B
EPA 5035

Sample Preparation Methods

EPA 1310
EPA 1311
EPA 3005A

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All approved subcategories and/or analytes are listed below:*

Chlorinated Hydrocarbon Pesticides

Toxaphene EPA 8081A

Haloethers

4-Bromophenylphenyl ether EPA 8270C

4-Chlorophenylphenyl ether EPA 8270C

Metals I

Barium, Total EPA 6020

Cadmium, Total EPA 6020

Calcium, Total EPA 6010B

Chromium, Total EPA 6020

Copper, Total EPA 6010B

EPA 6020

Iron, Total EPA 6010B

Lead, Total EPA 6020

Magnesium, Total EPA 6010B

Manganese, Total EPA 6010B

EPA 6020

Nickel, Total EPA 6020

Potassium, Total EPA 6010B

Silver, Total EPA 6020

Sodium, Total EPA 6010B

Metals II

Aluminum, Total EPA 6010B

EPA 6020

Antimony, Total EPA 6020

Arsenic, Total EPA 6020

Beryllium, Total EPA 6010B

Metals II

Beryllium, Total EPA 6020

Chromium VI EPA 7196A

Mercury, Total EPA 7471A

Selenium, Total EPA 6020

Vanadium, Total EPA 6010B

EPA 6020

Zinc, Total EPA 6010B

EPA 6020

Metals III

Cobalt, Total EPA 6010B

EPA 6020

Molybdenum, Total EPA 6010B

EPA 6020

Thallium, Total EPA 6010B

EPA 6020

Tin, Total EPA 6010B

Nitrosoamines

N-Nitrosodi-n-propylamine EPA 8270C

Polynuclear Aromatic Hydrocarbons

Benzo(k)fluoranthene EPA 8270C

Priority Pollutant Phenols

2-Methylphenol EPA 8270C

Purgeable Organics

4-Methyl-2-Pentanone EPA 8260B

Serial No.: 39097

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

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All approved subcategories and/or analytes are listed below:*

Sample Preparation Methods

EPA 9010B

Serial No.: 39097

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United States Environmental Protection Agency

This is to certify that

Adelaide Environmental Health Associates Inc

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402(a)(1), and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226.

In the Jurisdiction of:

New York

This certification is valid from the date of issuance and expires March 6, 2010

NY-15081-1

Certification #

FEB 22 2007

Issued On



Kenneth S. Stoller, P.E., QEP, DEE, Chief
Pesticides & Toxic Substances Branch





44 Hunt Street Watertown, MA 02472

Leak Test Certificate

Customer: Adelaide Associates, LLC

System: LPA-1 Serial Number: 2695 Test Date: 11 Jul 08

Source Manufacturer: IPL Source Model: CUS

Active Material: CO⁵⁷ Source Activity: 444 MBq

Source Serial Num.: F2-313

Assay Date: 11 JUL 08

Source Enclosure: Stainless Steel in Tungsten Holder

Type of Test: Wipe

Areas Tested and Results: Front and Sides of Bezel

Results: _____

All Below .005 μ Ci

Test Performed By: _____

A handwritten signature in black ink, appearing to be 'J. Ryan' or similar, written over a horizontal line.

MC170C

RMD Instruments, LLC

CERTIFICATION

Dear Customer:

This is to certify that the old radioactive source, previously installed in your LPA-1 XRF analyzer, has been removed for decommissioning as part of the resource process of your unit.

The old source, Co-57, will be disposed in accordance with all applicable rules and regulations.

LPA-1 Serial Number: 2695

Source Model: NAS

Source Serial Number 106035

Date of Removal: 7/9/08

DN

If you have any question please do not hesitate to contact us at 617-668-6901 or lpa@rmdinc.com.

Sincerely,

Radiation Safety Department
RMD Instruments, LLC



Change in the Leak Test interval requirements

To: All RMD Customers
From: RMD's Radiation Safety Department
Date: July 30, 2007
Re: Changes in Leak Test interval requirements

As a part of the requirements for the possession of a device containing a sealed radioactive source, a licensee must perform scheduled leak tests of such device (source) at specified intervals per the device's SS&D certification.

The State of Massachusetts, the licensing authority, has amended the LPA-1 analyzer's SS&D certification, MA-0573-D-103-B.

Per RMD's request, based on the number of sources used over the years and the safety track record of the LPA-1, the State has modified the required interval for a Leak Test from 6 months to 12 months.

This change in the Leak Test interval requirement applies to all LPA-1 XRF analyzers shipped from RMD as of August 1, 2007.

If there is a question regarding this notification, please contact RMD's radiation safety department at Service@RMDInc.com or call us at 617-668-6901.

Respectfully,
Radiation Safety Department
RMD Instruments, LLC

RMD Instruments, LLC

LPA-1 XRF Analyzer Package Shipment

This is to certify that this package conforms to all packaging requirements of the U.S. Department of Transportation (DOT) and International Air Transport Association rules and regulations regarding the shipment of Radioactive Materials.

This package conforms to the conditions and limitations specified in 49 CFR 173.424 for Excepted Package, Radioactive Material, Instruments and Articles, UN 2911 and also IATA Section 10.5.9.5.

The radiation level at the surface of this package is less than 5 μ Sv (0.5 mRem/hr).

No label is required.

This letter should accompany the package during transportation at all times.

For Hazard Material Emergency Call

RMD Instruments, LLC

800-476-0652

User Manual Attachment for the new Firmware version

Time Corrected Mode:

The LPA-1 can now operate in either of three measurement modes, Standard Mode, Quick Mode, or Time Corrected Mode (TC). Time Corrected Mode is a Standard Mode 30-Secs measurement corrected for the decay of the source. The user can use this mode for Calibration shots at the beginning and at the end of a job.

Example: After 9 months the measurement time in the TIME CORRECTED MODE will be 60-Secs.

To Set the LPA-1 in the Time Corrected Mode:

1. Pull the trigger briefly or press any key to obtain a READY message.
2. Press SELECT MODE key. LPA-1 will display "QUICK MODE", "STD MODE XX" or "TIME CORRECTED" depending on the present setting.
3. Press the Select Mode key (toggle between the operation modes) until the TIME CORRECTED mode is displayed on the analyzer
4. The LPA-1 is now set to TIME CORRECTED Mode and ready to take measurement.

Changing the Abatement Level:

Changing the abatement level should be accomplished at the beginning of a job prior taking any measurement. An attempt to change the abatement level after a measurement is taken will result in an analyzer prompt message "ACCESS DENIED" and return to the "READY" mode.

Changing the Date & Time:

Setting the date and time in the LPA-1 analyzer is only possible after a system RESET. An attempt to change the date and time at any other condition, will result in an analyzer prompt message "ACCESS DENIED" and return to the "READY" mode.

Changing the Measurement Mode in Average:

Changing the Measurement Mode (STD, QM, TC) is not possible in the middle of an average set measurements. The user may change the operation mode after completion of the measurements and display of the average value on the screen.

Starting a New Unit in Average:

Starting a NEW UNIT is not possible when the LPA-1 is in the Average Mode. The Analyzer will display the prompt message "ACCESS DENIED" in this condition. To start a New Unit the Average Mode should be deactivated, by pressing the Average key.

Deleting Readings in Average Mode:

Deleting one reading in Average Mode is no longer possible. The Delete function during an average mode measurement will result in deleting the entire set of readings. Deleting more than one reading or one set of readings in Average Mode is still not possible. The message "DELETE DENIED" will be displayed.

Time Out in Standard Mode Measurement:

LPA-1 analyzer now shows the remaining time for the completion of a measurement in the Standard Mode. For example; for a 30 second measurement in Standard Mode 30-Secs the analyzer displays TIME LEFT 29 OF 30 and counts down to TIME LEFT 1 OF 30, end of measurement.

APPENDIX F

SURVEY REPORT BY

ALPINE ENVIRONMENTAL



**Alpine
Environmental
Services, Inc.**

REPORT OF ASBESTOS INSPECTION

Location of Inspection: SUNY Albany - Campus Center
1400 Washington Avenue
Albany, NY 12222

Client: SUNY Albany
1400 Washington Avenue
Albany, NY 12222

Alpine Project #: 09-8149-AC

Material or Area Inspected: Campus Center

Asbestos Material Found: Pipe Insulation, Pipe Insulation Fittings, Duct Insulation, Duct Insulation Debris, Gray 12"x12" Floor Tile & Mastic, Off-white 9"x9" Floor Tile & Mastic, Off-white 9"x9" Floor Tile with Tan Specs & Mastic, Off-white 9"x9" Floor Tile with Black Spots & Mastic, Tan 12"x12" Floor Tile & Mastic, Off-white 12"x12" Floor Tile with Tan Specs & Mastic, 1'x1' Wall Tile* & Adhesive, Window Glazing, Floor Tile & Mastic Under New 12"x12" Ceramic Floor Tile (Assumed), Elevator Brake Pads (Assumed) & Vibration Dampener (Assumed)
* - Material is positive for asbestos due to its adhesive being positive for asbestos.

Non-asbestos Materials Sampled: Plaster, Drywall, Joint Compound, Gray Floor Leveler, White Floor Leveler, Light Gray 12"x12" Floor Tile/Mastic, Purple 12"x12" Floor Tile/Mastic, Green-Gray & Cream 12"x12" Floor Tile/Mastic, Tan 12"x12" Floor Tile w/ Black Spots/Mastic, White Flooring (under 12"x12" tile in Service Center), Gray-Blue-Red 12"x12" Floor Tile/ Mastic, Brown 12"x12"

Floor Tile, Wood Floor Adhesive, Tan Mastic (brown carpet), Tan Mastic (purple carpet), Green Mastic (gray carpet), Tan Mastic (blue carpet), Tan Mastic (purple leafed carpet), Black/Green Mastic (red carpet), Stair tread & Mastic, Brown Cove base & Mastic, Black Cove base & Mastic, Red Fire Stop, Gray Duct Sealant, Cloth Duct Wrap, 2'x3' Ceiling Tile, 2'x3' Ceiling Tile w/ Square Pattern, 1'x1' Ceiling Tile, Black Ceramic Cove base & Grout, Yellow Ceramic Wall Tile/Grout/Mortar, White Ceramic Wall Tile & Mortar, 1"x1" Ceramic Floor Tile & Grout, 1"x2" Ceramic Floor Tile w/ Black Spots & Grout, Dark Gray & Cream 12"x12" Ceramic Floor Tile & Grout, Brown 12"x12" Ceramic Floor Tile & Grout, Red 12"x12" Ceramic Floor Tile & Grout, White 12"x12" Ceramic Floor Tile & Grout, Terrazzo, Cinder Block Mortar, Built-up Roofing, Attached Roof Vapor Barrier, Black Roof Tar, Cement Window Blocks (Roof)

Dates of Inspection:

January 6 - 16, 2009

Inspection Performed By:

Alpine Environmental Services, Inc.
1146 Central Avenue
Albany, New York 12205
Phone (518) 453-0146

Inspector(s):

David Horton (#04-11747)
NYS DOL Certified Asbestos Inspector

Scope and Purpose

This report is intended to document a pre-renovation asbestos inspection for the SUNY Albany Campus Center located at 1400 Washington Ave, Albany NY.

"Asbestos containing materials" (ACM), as defined by the United States Environmental Protection Agency (EPA), is any material containing greater than

1% asbestos by weight. Samples easily crushed or pulverized by hand pressure are considered friable. Samples with a bituminous or resinous binder that are not easily crushed or pulverized by hand pressure are non-friable organically bound (NOB). Friable samples and non-friable samples were analyzed by Polarized Light Microscopy (PLM). NOB samples with "inconclusive" PLM results were further analyzed by Transmission Electron Microscopy (TEM). EMSL Analytical (ELAP #11506) analyzed PLM and TEM samples.

Results of Inspection

Pipe insulation, duct insulation, duct insulation debris, gray 12"x12" floor tile and mastic, off-white 9"x9" floor tile and mastic, off-white 9"x9" floor tile with tan specs and mastic, off-white 9"x9" floor tile with black spots & mastic, tan 12"x12" floor tile and mastic, off-white 12"x12" floor tile with tan specs and mastic, 1'x1' wall tile* & adhesive, window glazing, floor tile and mastic under new 12"x12" ceramic floor tile (assumed), elevator brake pads (assumed) and vibration dampener (assumed) were determined to be ACM.

* - Material is positive for asbestos due to its adhesive being positive for asbestos.

Quantification and Condition - Tables 1 through 9

Table 1: SUNY Albany Campus Center

Asbestos Material	Location	Quantity	Friability	Condition	Substrate
Pipe Insulation	Mechanical Room Adj. to Custodial Service Locker Room	150 ln. ft.	Friable	Good	Metal
	G38 (Mechanical Room)	115 ln. ft			
	Hall Outside G38	75 ln. ft.			
	Room 341	12 ln. ft. (Assumed to travel through bldg.)			
	Room 401 Penthouse Mechanical Room	794 ln. ft.			

Table 2: SUNY Albany Campus Center

Asbestos Material	Location	Quantity	Friability	Condition	Substrate
Pipe Fitting Insulation	Outside B26 Entrance	2 ln. ft.	Friable	Good	Metal
	Basement Indian @ the Commons Dining Area Left Side Janitors Closet	5 ln. ft.			
	Basement Indian @ the Commons Dining Area Right Side Janitors Closet	3 ln. ft.			
	Custodial Service Locker Room Area (travels in wall)	20 ln. ft.			
	Room Off Custodial Service Area Adj. to Slop Sink	7 ln. ft.			
	Supervisor's Office (Custodial Service Area)	1 ln. ft.			
	Basement Kitchen Men's Bathroom	5 ln. ft.			
	Basement Kitchen Women's Bathroom	5 ln. ft.			
	Basement Kitchen	92 ln. ft.			
	Hall Outside G38	60 ln. ft.			
	B55	7 ln. ft.			
	B54	4 ln. ft.			
	Room 111	8 ln. ft.			
	Room 111A	8 ln. ft.			
	Room 108	5 ln. ft.			
	Room 125A (SUNY police)	13 ln. ft.			
	Hall Outside Room 125A (SUNY Police)	4 ln. ft.			

Table 3: SUNY Albany Campus Center

Asbestos Material	Location	Quantity	Friability	Condition	Substrate
Pipe Fitting Insulation	Room 139	4 ln. ft.	Friable	Good	Metal
	Outside Room 139	8 ln. ft.			
	Women's Bathroom Adj. to 139	8 ln. ft.			
	Men's Bathroom Vestibule Adj. 139 (Bathroom N/A)	1 ln. ft.			
	Room 210 (travels into wall)	15 ln. ft.			
	Room 207	1 ln. ft.			
	2 nd Floor Men's Bathroom Mezzanine Area	7 ln. ft.			
	2 nd Floor Women's Bathroom Mezzanine Area	11 ln. ft.			
	Room 304**	1 ln. ft.			
Duct Insulation	Room 401 Penthouse Mechanical Room	450 square feet	Friable	Damaged	Metal
Duct Insulation Debris	Room 401 Penthouse Mechanical Room	8 square feet	Friable	Damaged	Concrete
Gray 12"x12" Floor Tile & Mastic	Basement Custodial Service Locker Room	72 square feet	Non-friable Organically Bound	Good	Concrete
	B46 (Assumed, Room Not Accessible)	480 square feet			
Floor Tile & Mastic Under New 12"x12" Ceramic Floor Tile (Assumed)	Basement Indian @ the Commons Dining Area	1,200 square feet	Non-friable Organically Bound	Good	Concrete
Off-white 9"x9" Floor Tile & Mastic	Basement Kitchen Men's Bathroom Locker Room Area	160 square feet	Non-friable Organically Bound	Good	Concrete
	Basement Bookstore Stockroom (Looks Tan Due To Dirt)	840 square feet			

** - Room is assumed to have more asbestos pipe fittings, area was not accessible during inspection.

Table 4: SUNY Albany Campus Center

Asbestos Material	Location	Quantity	Friability	Condition	Substrate
Off-white 9"x9" Floor Tile with Tan Specs & Mastic	Basement Hallway	380 square feet	Non-friable Organically Bound	Good	Concrete
	Basement Kitchen Cash Room	390 square feet			
	Outside Room 115	16 square feet			
	Room 111 & 11A	872 square feet			
	Suite 116 Entrance & Rear Conference Area & Rear Offices	1,010 square feet			
	Hall Outside Room 108	60 square feet			
	Descending Stairwell Adj. to Rm. 108	190 square feet			
	Ascending Stairwell Adj. to Rm. 108	180 square feet			
	Hall & Descending Stairwell Adj. to Rm. 139	233 square feet			
	Ascending Stairwell Adj. to Rm. 139	180 square feet			
	Room 165B	600 square feet			
	Hall Outside Room 137, Room 137A, 137B, 137D & 137E	1,023 square feet			
	Room 135A	63 square feet			
	Room 136	220 square feet			
	Room 129	63 square feet			
	Room 135	132 square feet			
	Room 141	150 square feet			

Table 5: SUNY Albany Campus Center

Asbestos Material	Location	Quantity	Friability	Condition	Substrate
Off-white 9"x9" Floor Tile with Tan Specs & Mastic	Room 222 Linen Closet	50 square feet	Non-friable Organically Bound	Good	Concrete
	2 nd Floor Back Stage of Ballroom	60 square feet			
	Room 221 (under 12x12)	196 square feet			
	Room 370	474 square feet			
	Elevator Lobby Near 370 Rooms	252 square feet			
	Room 364	477 square feet			
	Room 367	492 square feet			
	Room 359	121 square feet			
	Room 361	506 square feet			
	Hall for Rooms 361-367	720 square feet			
	Rooms 355,356,357 & 358	770 square feet			
	Hallway Room 379	228 square feet			

Table 6: SUNY Albany Campus Center

Asbestos Material	Location	Quantity	Friability	Condition	Substrate
Off-white 9"x9" Floor Tile with Tan Specs & Mastic	Room 348	90 square feet	Non-friable Organically Bound	Good	Concrete
	Room 349	180 square feet			
	Room 346	480 square feet			
	Room 344	100 square feet			
	Room 345	100 square feet			
	Room 382	528 square feet			
	Room 347	100 square feet			
	Hall to Room 346	521 square feet			
	Hall Room 307/308	180 square feet			
	Room 307	384 square feet			
	Room 308 (Assumed, Room not accessible)	384 square feet			
	Room 310 (Assumed, Room not accessible)	>160 square feet			
	Hall Room 310	140 square feet			
	Hall Room 312	168 square feet			
	Hall Room 316/313	678 square feet			

Table 7: SUNY Albany Campus Center

Asbestos Material	Location	Quantity	Friability	Condition	Substrate
Off-white 9"x9" Floor Tile with Tan Specs & Mastic	Room 320	371 square feet	Non-friable Organically Bound	Good	Concrete
	Room 320A	121 square feet			
	Elevator Lobby Adj. Rm. 337	153 square feet			
	Room 323	559 square feet			
	Room 335	81 square feet			
	Room 326	559 square feet			
	Room 334	153 square feet			
	Room 329	559 square feet			
	Room 331	110 square feet			
	Room 333	153 square feet			
	Room 332	162 square feet			
Off-white 12"x12" Floor Tile with Tan Specs & Mastic	Suite 116 Offices & Halls	2,250 square feet	Non-friable Organically Bound	Good	Concrete
Off-white 9"x9" Floor Tile with Black Spots & Mastic	Room 108 & Hall Outside Office	190 square feet	Non-friable Organically Bound	Good	Concrete
	2 nd Floor Men's Bathroom Mezzanine Area	54 square feet			

Table 8: SUNY Albany Campus Center

Asbestos Material	Location	Quantity	Friability	Condition	Substrate
Off-white 9"x9" Floor Tile with Black Spots & Mastic	2 nd Floor Women's Bathroom Mezzanine Area	156 square feet	Non-friable Organically Bound	Good	Concrete
	Room 210. & Backstage Ballroom	540 square feet			
	3 rd Floor Women's Bathroom Adj. to Elevator Lobby/Room 370	32 square feet			
	Room 353	110 square feet			
	Room 379	212 square feet			
	Room 305	450 square feet			
	Room 303	132 square feet			
	Room 302	36 square feet			
	Room 304	153 square feet			
	Room 337	100 square feet			
	3 rd Floor Men's Bathroom Adj. Elevator Lobby/Rm.337	21 square feet			
Tan 12"x12" Floor Tile & Mastic	Storage Closet Opposite Room 105 Adj. to Men's Bathroom	32 square feet	Non-friable Organically Bound	Good	Concrete
1'x1' Wall Tile* & Adhesive	Suite 316	610 square feet	Non-friable Organically Bound	Good	Plaster
	Suite 320	480 square feet			

* - Material is positive for asbestos due to its adhesive being positive for asbestos.



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Fax: (518) 453-0175 Phone: (518) 453-0146

Project: 09-8149AC/ CAMPUS CENTER

Report Date: 1/9/2009

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
1-01 030900550-0001	PLM NYS 198.1 Friable	1/8/2009	Gray		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
B52 FOOD SERVICE/ SUNY CARD GREY LEVELER	TEM NYS 198.4 NOB				N/A		Not Analyzed
1-02	PLM NYS 198.1 Friable						Not Analyzed
030900550-0002	PLM NYS 198.6 NOB	1/8/2009	Yellow		N/A	Inconclusive: None Detected	
B52 TAN MASTIC (PURPLE FT)	TEM NYS 198.4 NOB	1/9/2009	Yellow		N/A	None Detected	
1-03	PLM NYS 198.1 Friable						Not Analyzed
030900550-0003	PLM NYS 198.6 NOB	1/8/2009	Purple		N/A	Inconclusive: None Detected	
B52 PURPLE 12X12	TEM NYS 198.4 NOB	1/9/2009	Purple		N/A	None Detected	
1-04	PLM NYS 198.1 Friable						Not Analyzed
030900550-0004	PLM NYS 198.6 NOB	1/8/2009	Gray		N/A	Inconclusive: None Detected	
B52 LIGHT GREY 12X12	TEM NYS 198.4 NOB	1/9/2009	Gray		N/A	None Detected	
2-01	PLM NYS 198.1 Friable						Not Analyzed
030900550-0005	PLM NYS 198.6 NOB	1/8/2009	Brown		N/A	Inconclusive: None Detected	
SERVICE CENTER BROWN MASTIC	TEM NYS 198.4 NOB	1/9/2009	Brown		N/A	None Detected	
2-02	PLM NYS 198.1 Friable						Not Analyzed
030900550-0006	PLM NYS 198.6 NOB	1/8/2009	Green		N/A	Inconclusive: None Detected	
SERVICE CENTER GREEN 12X12	TEM NYS 198.4 NOB	1/9/2009	Green		N/A	None Detected	
2-03	PLM NYS 198.1 Friable						Not Analyzed
030900550-0007	PLM NYS 198.6 NOB	1/8/2009	Gray		N/A	Inconclusive: None Detected	
SERVICE CENTER GREY 12X12	TEM NYS 198.4 NOB	1/9/2009	Gray		N/A	None Detected	
2-04	PLM NYS 198.1 Friable						Not Analyzed
030900550-0008	PLM NYS 198.6 NOB	1/8/2009	Cream		N/A	Inconclusive: None Detected	
SERVICE CENTER CREAM 12X12	TEM NYS 198.4 NOB	1/9/2009	Cream		N/A	None Detected	
3-01	PLM NYS 198.1 Friable						Not Analyzed
030900550-0009	PLM NYS 198.6 NOB	1/8/2009	Cream		N/A	Inconclusive: None Detected	
SERVICE CENTER WHITE FLOORING UNDER MULTI-COLORED	TEM NYS 198.4 NOB	1/9/2009	Cream		N/A	None Detected	

NYS198-7.4



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Project: 09-8149ACI CAMPUS CENTER

Report Date: 1/9/2009

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non-Fibrous	Asbestos	Comments
3-02 030900550-0010	PLM NYS 198.1 Friable						Not Analyzed
SERVICE CENTER PURPLE FLOORING UNDER MULTI-COLORED	PLM NYS 198.6 NOB	1/8/2009	Purple		N/A	Inconclusive: None Detected	
	TEM NYS 198.4 NOB	1/9/2009	Purple		N/A	None Detected	
4-01 030900550-0011	PLM NYS 198.1 Friable						Not Analyzed
CUSTODIAL SERVICES BLACK/BROWN MASTIC	PLM NYS 198.6 NOB	1/8/2009	Brown		N/A	1.7% Chrysotile 1.7% Total	
	TEM NYS 198.4 NOB	1/9/2009			N/A	Not Analyzed	
4-02 030900550-0012	PLM NYS 198.1 Friable						Not Analyzed
CUSTODIAL SERVICES GREY 12X12	PLM NYS 198.6 NOB	1/8/2009	Gray		N/A	7.3% Chrysotile 7.3% Total	
	TEM NYS 198.4 NOB	1/9/2009			N/A	Not Analyzed	POSITIVE STOP
5-01 030900550-0013	PLM NYS 198.1 Friable						Not Analyzed
ELEVATOR LOBBY B52 MASTIC	PLM NYS 198.6 NOB	1/8/2009	Black		N/A	Inconclusive: None Detected	
	TEM NYS 198.4 NOB	1/9/2009	Black		N/A	None Detected	
5-02 030900550-0014	PLM NYS 198.1 Friable						Not Analyzed
ELEVATOR LOBBY B52 CREAM 12X12 W/SPCS	PLM NYS 198.6 NOB	1/8/2009	Cream		N/A	Inconclusive: None Detected	
	TEM NYS 198.4 NOB	1/9/2009	Cream		N/A	None Detected	
6-01 030900550-0015	PLM NYS 198.1 Friable						Not Analyzed
HALLWAY DINING SERVICES & ACCOUNTING OFFICES BLACK	PLM NYS 198.6 NOB	1/8/2009	Black		N/A	3.9% Chrysotile 3.9% Total	
	TEM NYS 198.4 NOB	1/9/2009			N/A	Not Analyzed	POSITIVE STOP
6-02 030900550-0016	PLM NYS 198.1 Friable						Not Analyzed
HALLWAY DINING SERVICES & ACCOUNTING OFFICES OFF-W	PLM NYS 198.6 NOB	1/8/2009	Cream		N/A	6.6% Chrysotile 6.6% Total	
	TEM NYS 198.4 NOB	1/9/2009			N/A	Not Analyzed	POSITIVE STOP



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Report Date: 1/9/2009

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Fibrous	Non Asbestos	Asbestos	Comments
7-01 030900550-0017	PLM NYS 198.1 Friable						
	PLM NYS 198.6 NOB	1/8/2009	Black	N/A	3.1% Chrysotile	Not Analyzed	
					3.1% Total		
MENS BATHROOM KITCHEN BLACK MASTIC	TEM NYS 198.4 NOB	1/9/2009		N/A	Not Analyzed	POSITIVE STOP	
7-02 030900550-0018	PLM NYS 198.1 Friable						
	PLM NYS 198.6 NOB	1/8/2009	Cream	N/A	5.6% Chrysotile	Not Analyzed	
					5.6% Total		
MENS BATHROOM KITCHEN OFF WHITE 9X9	TEM NYS 198.4 NOB	1/9/2009		N/A	Not Analyzed	POSITIVE STOP	
8-01 030900550-0019	PLM NYS 198.1 Friable						
	PLM NYS 198.6 NOB	1/8/2009	Yellow	N/A	Inconclusive: None Detected	Not Analyzed	
DINING SERVICES WOOD FLOOR ADHESIVE	TEM NYS 198.4 NOB	1/9/2009	Yellow	N/A	None Detected		
8-02 030900550-0020	PLM NYS 198.1 Friable						
	PLM NYS 198.6 NOB	1/8/2009	Yellow	N/A	Inconclusive: None Detected	Not Analyzed	
DINING SERVICES BROWN CARPET ADHESIVE	TEM NYS 198.4 NOB	1/9/2009	Yellow	N/A	None Detected		
9-01 030900550-0021	PLM NYS 198.1 Friable						
	PLM NYS 198.6 NOB	1/8/2009	Tan	N/A	Inconclusive: None Detected	Not Analyzed	
DINING SERVICE TAN W/COLORED SPECS 12X12	TEM NYS 198.4 NOB	1/9/2009	Tan	N/A	None Detected		
10-01 030900550-0022	PLM NYS 198.1 Friable						
	PLM NYS 198.6 NOB	1/8/2009	Brown	N/A	Inconclusive: None Detected	Not Analyzed	
OFFICE #2 KITCHEN BROWN MASTIC	TEM NYS 198.4 NOB	1/9/2009	Brown	N/A	None Detected		
10-02 030900550-0023	PLM NYS 198.1 Friable						
	PLM NYS 198.6 NOB	1/8/2009	Tan	N/A	Inconclusive: None Detected	Not Analyzed	
OFFICE #2 KITCHEN BROWN COVE BASE	TEM NYS 198.4 NOB	1/9/2009	Tan	N/A	None Detected		
11-01 030900550-0024	PLM NYS 198.1 Friable						
	PLM NYS 198.6 NOB	1/8/2009	Cream	N/A	Inconclusive: None Detected	Not Analyzed	
B52 CREAM MASTIC	TEM NYS 198.4 NOB	1/9/2009	Cream	N/A	None Detected		

NYS198-7.4



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Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Fibrous	Non-Fibrous	Asbestos	Comments
11-02	PLM NYS 198.1 Friable						
030900550-0025	PLM NYS 198.6 NOB	1/8/2009	Black		N/A	Inconclusive: None Detected	Not Analyzed
B52 BLACK COVE BASE	TEM NYS 198.4 NOB	1/9/2009	Black		N/A	None Detected	
12-01	PLM NYS 198.1 Friable						Not Analyzed
030900550-0026	PLM NYS 198.6 NOB	1/8/2009	Cream		N/A	Inconclusive: None Detected	
KITCHEN OFFICE #2 BROWN 12X12	TEM NYS 198.4 NOB	1/9/2009	Cream		N/A	None Detected	
13-01	PLM NYS 198.1 Friable						Not Analyzed
030900550-0027	PLM NYS 198.6 NOB	1/8/2009	Tan		N/A	Inconclusive: None Detected	
KITCHEN OFFICE #1 TAN MASTIC (GREY CARPET)	TEM NYS 198.4 NOB	1/9/2009	Tan		N/A	<1% Chrysotile <1% Total	
14-01	PLM NYS 198.1 Friable						Not Analyzed
030900550-0028	PLM NYS 198.6 NOB	1/8/2009	Green		N/A	Inconclusive: None Detected	
B52 GREEN MASTIC (GREY CARPET)	TEM NYS 198.4 NOB	1/9/2009	Green		N/A	None Detected	
15-01	PLM NYS 198.1 Friable						Not Analyzed
030900550-0029	PLM NYS 198.6 NOB	1/8/2009	Yellow		N/A	Inconclusive: None Detected	
B52 TAN MASTIC (PURPLE CARPET)	TEM NYS 198.4 NOB	1/9/2009	Yellow		N/A	None Detected	
16-01	PLM NYS 198.1 Friable						Not Analyzed
030900550-0030	PLM NYS 198.6 NOB	1/8/2009	Brown		N/A	Inconclusive: None Detected	
SERVICE CENTER VETERAN SERVICES BROWN CARPET MASTI	TEM NYS 198.4 NOB	1/9/2009	Brown		N/A	None Detected	



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Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
17-01	PLM NYS 198.1 Friable						Not Analyzed
030900999-0001	PLM NYS 198.6 NOB	1/13/2009	Black		N/A	4.2% Chrysotile 4.2% Total	
RM 108 BLACK MASTIC	TEM NYS 198.4 NOB				N/A	Not Analyzed	
17-02	PLM NYS 198.1 Friable						Not Analyzed
030900999-0002	PLM NYS 198.6 NOB	1/13/2009	White		N/A	16.5% Chrysotile 16.5% Total	
RM 108 OFF-WHITE 9X9 W/ BLACK SPOTS	TEM NYS 198.4 NOB				N/A	Not Analyzed	
18-01	PLM NYS 198.1 Friable						Not Analyzed
030900999-0003	PLM NYS 198.6 NOB	1/13/2009	Tan		N/A	Inconclusive: None Detected	
STORAGE CLOSET OPP. RM 105 TAN MASTIC	TEM NYS 198.4 NOB	1/14/2009	Tan		N/A	3.3% Chrysotile 3.3% Total	
18-02	PLM NYS 198.1 Friable						Not Analyzed
030900999-0004	PLM NYS 198.6 NOB	1/13/2009	Tan		N/A	Inconclusive: None Detected	
STORAGE CLOSET OPP RM 105 TAN 12X12	TEM NYS 198.4 NOB	1/14/2009	Tan		N/A	2.9% Chrysotile 2.9% Total	
19-01	PLM NYS 198.1 Friable						Not Analyzed
030900999-0005	PLM NYS 198.6 NOB	1/13/2009	Black		N/A	3.7% Chrysotile 3.7% Total	
RM 135 A BLACK MASTIC	TEM NYS 198.4 NOB	1/14/2009			N/A	Not Analyzed	
19-02	PLM NYS 198.1 Friable						Not Analyzed
030900999-0006	PLM NYS 198.6 NOB	1/13/2009	White		N/A	11.3% Chrysotile 11.3% Total	
RM 135A WHITE FLOORING UNDER PURPLE CARPET	TEM NYS 198.4 NOB	1/14/2009			N/A	Not Analyzed	
20-01	PLM NYS 198.1 Friable						Not Analyzed
030900999-0007	PLM NYS 198.6 NOB	1/13/2009	Yellow	<1% Fibrous (other)	N/A	Inconclusive: None Detected	
STAIRWELL ADJ TO RM 108 BROWN MASTIC	TEM NYS 198.4 NOB	1/14/2009	Yellow		N/A	None Detected	



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Project: 09-8149-ACI CAMPUS CENTER

Report Date: 1/14/2009

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
20-02	PLM NYS 198.1 Friable						
030900999-0008	PLM NYS 198.6 NOB	1/13/2009	Tan		N/A	Inconclusive: None Detected	Not Analyzed
STAIRWELL ADJ TO RM 108 TAN 12X12 W/ BLACK SPOTS	TEM NYS 198.4 NOB	1/14/2009	Tan		N/A	None Detected	
	PLM NYS 198.1 Friable						Not Analyzed
21-01	PLM NYS 198.6 NOB	1/13/2009	Yellow		N/A	Inconclusive: None Detected	
030900999-0009	TEM NYS 198.4 NOB	1/14/2009	Yellow		N/A	None Detected	
RM 115 TAN MASTIC BLUE CARPET	PLM NYS 198.1 Friable						Not Analyzed
22-01	PLM NYS 198.6 NOB	1/13/2009	Yellow		N/A	Inconclusive: None Detected	
030900999-0010	TEM NYS 198.4 NOB	1/14/2009	Yellow		N/A	None Detected	
RM 110 TAN MASTIC PURPLE CARPET	PLM NYS 198.1 Friable						Not Analyzed
23-01	PLM NYS 198.6 NOB	1/13/2009	Gray		N/A	8.3% Chrysotile 8.3% Total	
030900999-0011	TEM NYS 198.4 NOB	1/14/2009	Gray		N/A	None Detected	
RM 110B WIND GLAZING	PLM NYS 198.1 Friable						Not Analyzed
24-01	PLM NYS 198.6 NOB	1/13/2009	Red	2.0% Glass	N/A	Inconclusive: None Detected	
030900999-0012	TEM NYS 198.4 NOB	1/14/2009	Red		N/A	None Detected	
RM 139 RED FIRE STOP	PLM NYS 198.1 Friable						Not Analyzed
25-01	PLM NYS 198.6 NOB	1/13/2009	Gray		N/A	Inconclusive: None Detected	
030900999-0013	TEM NYS 198.4 NOB	1/14/2009	Gray		N/A	None Detected	
CHASE ADJ RM 139 GRAY DUCT SEALANT	PLM NYS 198.1 Friable						Not Analyzed
26-01	PLM NYS 198.6 NOB	1/13/2009	Yellow		N/A	Inconclusive: None Detected	
030900999-0014	TEM NYS 198.4 NOB	1/14/2009	Yellow		N/A	None Detected	
RM 211 TAN MASTIC GREEN CARPET	PLM NYS 198.1 Friable						Not Analyzed
27-01	PLM NYS 198.6 NOB	1/13/2009	Yellow		N/A	Inconclusive: None Detected	
030900999-0015	TEM NYS 198.4 NOB	1/14/2009	Yellow		N/A	None Detected	
RM 212 TAN MASTIC	PLM NYS 198.1 Friable						Not Analyzed
27-02	PLM NYS 198.6 NOB	1/13/2009	Gray		N/A	Inconclusive: None Detected	
030900999-0016	TEM NYS 198.4 NOB	1/14/2009	Gray		N/A	None Detected	
RM 212 GRAY 12X12	PLM NYS 198.1 Friable						Not Analyzed

NYS198-7.4



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Report Date: 1/14/2009

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Non Asbestos		Asbestos	Comments
			Fibrous	Non-Fibrous		
27-03	PLM NYS 198.1 Friable					
030900999-0017	PLM NYS 198.6 NOB	1/13/2009	Blue	N/A	Inconclusive: None Detected	Not Analyzed
RM 212 BLUE 12X12	TEM NYS 198.4 NOB	1/14/2009	Blue	N/A	None Detected	
27-04	PLM NYS 198.1 Friable					
030900999-0018	PLM NYS 198.6 NOB	1/13/2009	Red	N/A	Inconclusive: None Detected	Not Analyzed
RM 212 RED 12X12	TEM NYS 198.4 NOB	1/14/2009	Red	N/A	None Detected	
27-05	PLM NYS 198.1 Friable					
030900999-0019	PLM NYS 198.6 NOB	1/13/2009	Yellow	N/A	Inconclusive: None Detected	Not Analyzed
RM 212 TAN MASTIC PURPLE LEAF CARPET	TEM NYS 198.4 NOB	1/14/2009	Yellow	N/A	None Detected	
28-01	PLM NYS 198.1 Friable					
030900999-0020	PLM NYS 198.6 NOB	1/13/2009	Yellow	N/A	Inconclusive: None Detected	Not Analyzed
RM 221 TAN MASTIC	TEM NYS 198.4 NOB	1/14/2009	Yellow	N/A	None Detected	
28-02	PLM NYS 198.1 Friable					
030900999-0021	PLM NYS 198.6 NOB	1/13/2009	Green	N/A	Inconclusive: None Detected	Not Analyzed
RM 221 GREEN 12X12	TEM NYS 198.4 NOB	1/14/2009	Green	N/A	None Detected	
28-03	PLM NYS 198.1 Friable					
030900999-0022	PLM NYS 198.6 NOB	1/13/2009	Red	N/A	Inconclusive: None Detected	Not Analyzed
RM 221 RED 12X12	TEM NYS 198.4 NOB	1/14/2009	Red	N/A	None Detected	
29-01	PLM NYS 198.1 Friable					
030900999-0023	PLM NYS 198.6 NOB	1/13/2009	Yellow	N/A	Inconclusive: None Detected	Not Analyzed
ELEV LOBBY RM 222 TAN MASTIC	TEM NYS 198.4 NOB	1/14/2009	Yellow	N/A	None Detected	
29-02	PLM NYS 198.1 Friable					
030900999-0024	PLM NYS 198.6 NOB	1/13/2009	Gray	N/A	Inconclusive: None Detected	Not Analyzed
ELEV LOBBY RM 222 GRAY 12X12	TEM NYS 198.4 NOB	1/14/2009	Gray	N/A	None Detected	
30-01	PLM NYS 198.1 Friable					
030900999-0025	PLM NYS 198.6 NOB	1/13/2009	Tan/Green	N/A	Inconclusive: None Detected	Not Analyzed
RM 222 CAFÉ GREEN/ TAN MASTIC / BROWN/ GREEN	TEM NYS 198.4 NOB	1/14/2009	Tan/Green	N/A	None Detected	

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Project: 09-8149-ACI CAMPUS CENTER

Report Date: 1/14/2009

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non-Fibrous	Asbestos	Comments
31-01 030900999-0026	PLM NYS 198.1 Friable PLM NYS 198.6 NOB	1/13/2009	Tan		N/A	4.5% Chrysotile 4.5% Total	Not Analyzed
RM 320 TAN ADHESIVE 1X1 WALL TILE	TEM NYS 198.4 NOB	1/14/2009			N/A	Not Analyzed	Not Analyzed
32-01 030900999-0027	PLM NYS 198.1 Friable PLM NYS 198.6 NOB	1/13/2009	Black/Green		N/A	Inconclusive: None Detected	Not Analyzed
RM 315 B BLACK/ GREEN MASTIC/ RED CARPET	TEM NYS 198.4 NOB	1/14/2009	Black/Green		N/A	None Detected	Not Analyzed
33-01 030900999-0028	PLM NYS 198.1 Friable PLM NYS 198.6 NOB	1/13/2009	Green		N/A	Inconclusive: None Detected	Not Analyzed
RM 316 GREEN MASTIC RED CARPET	TEM NYS 198.4 NOB	1/14/2009	Green		N/A	None Detected	Not Analyzed
34-01 030900999-0029	PLM NYS 198.1 Friable PLM NYS 198.6 NOB	1/13/2009	Black		N/A	Inconclusive: None Detected	Not Analyzed
STAIRWELL TO RM 401 MASTIC	TEM NYS 198.4 NOB	1/14/2009	Black		N/A	None Detected	Not Analyzed
34-02 030900999-0030	PLM NYS 198.1 Friable PLM NYS 198.6 NOB	1/13/2009	Beige		N/A	Inconclusive: None Detected	Not Analyzed
STAIRWELL TO RM 401 STAIR TREAD	TEM NYS 198.4 NOB	1/14/2009	Beige		N/A	None Detected	Not Analyzed

NOB = Non Friable Organically Bound
N/A = Not Applicable

Analyst(s)

John Bean

Victor Stopac

James Hall, Laboratory Manager
or other approved signatory

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ACCREDITATIONS: NVLAP #101048-9 and NY STATE ELAP #11506

NYS198-7.4



EMSL Analytical, Inc.

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ALP/50

Customer ID:
Customer PO:

Received: 01/15/09 9:23 AM
EMSL Order: 030901255
EMSL Proj:

Asbestos Analysis of Bulk Material

Report Date: 1/16/2009

Sample Description	Test	Analyzed Date	Color	Fibrous	Non-Fibrous	Asbestos	Comments
35-01 030901255-0001	PLM NYS 198.1 Friable						
	PLM NYS 198.6 NOB	1/15/2009	Black	<1% Glass	N/A	Inconclusive: None Detected	Note: <1% Residue
MIDDLE LEVEL ROOF BUILT UP	TEM NYS 198.4 NOB	1/16/2009	Black		N/A	None Detected	
35-02 030901255-0002	PLM NYS 198.1 Friable						
	PLM NYS 198.6 NOB	1/15/2009	Black	<1% Glass	N/A	Inconclusive: None Detected	
MIDDLE LEVEL ROOF BUILT UP	TEM NYS 198.4 NOB	1/16/2009	Black		N/A	None Detected	
35-03 030901255-0003	PLM NYS 198.1 Friable						
	PLM NYS 198.6 NOB	1/15/2009	Black	20.7% Glass	N/A	Inconclusive: None Detected	
MIDDLE LEVEL ROOF ATTACHED VAPOR BARRIER	TEM NYS 198.4 NOB	1/16/2009	Black		N/A	None Detected	
36-01 030901255-0004	PLM NYS 198.1 Friable						
	PLM NYS 198.6 NOB	1/15/2009	Black	1.0% Glass	N/A	Inconclusive: None Detected	
UPPER ROOF BUILT UP	TEM NYS 198.4 NOB	1/16/2009	Black		N/A	None Detected	
36-02 030901255-0005	PLM NYS 198.1 Friable	1/15/2009	White/Black	75.00% Cellulose 25.00% Glass	0%	None Detected	
UPPER ROOF ATTACHED VAPOR BARRIER	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
37-01 030901255-0006	PLM NYS 198.1 Friable						
	PLM NYS 198.6 NOB	1/15/2009	Black	<1% Fibrous (other) <1% Glass	N/A	Inconclusive: None Detected	
ROOF BLACK TAR	TEM NYS 198.4 NOB	1/16/2009	Black	<1% Glass	N/A	None Detected	
38-01 030901255-0007	PLM NYS 198.1 Friable						
	PLM NYS 198.6 NOB	1/15/2009	Brown		N/A	Inconclusive : <1% Chrysotile <1% Total	Not Analyzed
RM 375 BROWN MASTIC	TEM NYS 198.4 NOB	1/16/2009	Brown		N/A	None Detected	
38-02 030901255-0008	PLM NYS 198.1 Friable						
	PLM NYS 198.6 NOB	1/15/2009	Gray		N/A	Inconclusive: None Detected	Not Analyzed
RM 375 GREY 12X12 W/BUE AND RED	TEM NYS 198.4 NOB	1/16/2009	Gray		N/A	None Detected	

NYS198-7.4



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Project: 09-8149-AC/ CAMPUS CENTER

Report Date: 1/16/2009

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Fibrous	Non Asbestos	Non-Fibrous	Asbestos	Comments
39-01	PLM NYS 198.1 Friable							
030901255-0009	PLM NYS 198.6 NOB	1/15/2009	Black			N/A	3.7% Chrysotile 3.7% Total	Not Analyzed
RM 116A BLACK MASTIC	TEM NYS 198.4 NOB	1/16/2009				N/A	Not Analyzed	
39-02	PLM NYS 198.1 Friable							
030901255-0010	PLM NYS 198.6 NOB	1/15/2009	Cream			N/A	Inconclusive: None Detected	Not Analyzed
RM 116A OFF WHITE 12X12 W/TAN	TEM NYS 198.4 NOB	1/16/2009	Cream			N/A	9.5% Chrysotile 9.5% Total	

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N/A = Not Applicable

Analyst(s)

Alexander Balter
John Bean
Robert Georgens

James Hall, Laboratory Manager
or other approved signatory

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Customer ID: ALP150
Customer PO:
Received: 01/21/09 9:30 AM
EMSL Order: 030901896
EMSL Proj:

Report Date: 1/22/2009

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
40-01	PLM NYS 198.1 Friable	1/21/2009	Gray	100%		None Detected	
030901896-0002	PLM NYS 198.6 NOB			N/A		Not Analyzed	
WOMENS BATHRM 2ND FL MEZZ AREA/ SPRAY-ON SUBSTRATE	TEM NYS 198.4 NOB			N/A		Not Analyzed	
40-02	PLM NYS 198.1 Friable	1/21/2009	Gray	100%		None Detected	
030901896-0003	PLM NYS 198.6 NOB			N/A		Not Analyzed	
WOMENS BATHRM 2ND FL MEZZ AREA/ SPRAY-ON SUBSTRATE	TEM NYS 198.4 NOB			N/A		Not Analyzed	
40-03	PLM NYS 198.1 Friable	1/21/2009	Gray	100%		None Detected	
030901896-0004	PLM NYS 198.6 NOB			N/A		Not Analyzed	
WOMENS BATHRM 2ND FL MEZZ AREA/ SPRAY-ON SUBSTRATE	TEM NYS 198.4 NOB			N/A		Not Analyzed	
40-04	PLM NYS 198.1 Friable	1/21/2009	Gray	100%		None Detected	
030901896-0005	PLM NYS 198.6 NOB			N/A		Not Analyzed	
WOMENS BATHRM 2ND FL MEZZ AREA/ SPRAY-ON SUBSTRATE	TEM NYS 198.4 NOB			N/A		Not Analyzed	
40-05	PLM NYS 198.1 Friable	1/21/2009	Gray	100%		None Detected	
030901896-0006	PLM NYS 198.6 NOB			N/A		Not Analyzed	
WOMENS BATHRM 2ND FL MEZZ AREA/ SPRAY-ON SUBSTRATE	TEM NYS 198.4 NOB			N/A		Not Analyzed	
40-06	PLM NYS 198.1 Friable	1/21/2009	Gray	100%		None Detected	
030901896-0007	PLM NYS 198.6 NOB			N/A		Not Analyzed	
WOMENS BATHRM 2ND FL MEZZ AREA/ SPRAY-ON SUBSTRATE	TEM NYS 198.4 NOB			N/A		Not Analyzed	
40-07	PLM NYS 198.1 Friable	1/21/2009	Gray	100%		None Detected	
030901896-0008	PLM NYS 198.6 NOB			N/A		Not Analyzed	
WOMENS BATHRM 3RD FL MEZZ AREA/ SPRAY-ON SUBSTRATE	TEM NYS 198.4 NOB			N/A		Not Analyzed	
41-01	PLM NYS 198.1 Friable	1/21/2009	Gray	100%		None Detected	
030901896-0009	PLM NYS 198.6 NOB			N/A		Not Analyzed	
RM 111/ PLASTER SUBSTRATE	TEM NYS 198.4 NOB			N/A		Not Analyzed	



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Customer ID: ALP150
Customer PO: 01/21/09 9:30 AM
Received: 030901896
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Report Date: 1/22/2009

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Non Asbestos		Color	Asbestos		Comments
			Fibrous	Non-Fibrous		Fibrous	Non-Fibrous	
41-02	PLM NYS 198.1 Friable	1/21/2009	Gray	100%	None Detected			
030901896-0010	PLM NYS 198.6 NOB			N/A				Not Analyzed
RM 139/ PLASTER SUBSTRATE	TEM NYS 198.4 NOB			N/A				Not Analyzed
41-03	PLM NYS 198.1 Friable	1/21/2009	Gray/Tan	100%	None Detected			
030901896-0011	PLM NYS 198.6 NOB			N/A				Not Analyzed
MENS BATHRM 2ND FL MEZZ/ PLASTER SUBSTRATE	TEM NYS 198.4 NOB			N/A				Not Analyzed
41-04	PLM NYS 198.1 Friable	1/21/2009	Gray/Tan	100%	None Detected			
030901896-0012	PLM NYS 198.6 NOB			N/A				Not Analyzed
BSMT STAIRWELL NEAR STUDENT SERVICES/ PLASTER SUBS	TEM NYS 198.4 NOB			N/A				Not Analyzed
41-05	PLM NYS 198.1 Friable	1/21/2009	Gray/Tan	100%	None Detected			
030901896-0013	PLM NYS 198.6 NOB			N/A				Not Analyzed
RM 401/ PLASTER SUBSTRATE	TEM NYS 198.4 NOB			N/A				Not Analyzed
41-06	PLM NYS 198.1 Friable	1/21/2009	Gray/Tan	100%	None Detected			
030901896-0014	PLM NYS 198.6 NOB			N/A				Not Analyzed
RM 304/ PLASTER SUBSTRATE	TEM NYS 198.4 NOB			N/A				Not Analyzed
41-07	PLM NYS 198.1 Friable	1/21/2009	Gray/Tan	100%	None Detected			
030901896-0015	PLM NYS 198.6 NOB			N/A				Not Analyzed
RM 212/ PLASTER SUBSTRATE	TEM NYS 198.4 NOB			N/A				Not Analyzed
42-01	PLM NYS 198.1 Friable	1/21/2009	White	100%	None Detected			
030901896-0016	PLM NYS 198.6 NOB			N/A				Not Analyzed
MENS BATHRM KITCHEN/ PLASTER SKIM COAT	TEM NYS 198.4 NOB			N/A				Not Analyzed
42-02	PLM NYS 198.1 Friable	1/21/2009	White	100%	None Detected			
030901896-0017	PLM NYS 198.6 NOB			N/A				Not Analyzed
RM 111/ PLASTER SKIM COAT	TEM NYS 198.4 NOB			N/A				Not Analyzed
42-03	PLM NYS 198.1 Friable	1/21/2009	White	100%	None Detected			
030901896-0018	PLM NYS 198.6 NOB			N/A				Not Analyzed
RM 304/ PLASTER SKIM COAT	TEM NYS 198.4 NOB			N/A				Not Analyzed

NYS198-7.4



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030901896

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Report Date: 1/22/2009

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Non Asbestos		Color	Asbestos		Comments
			Fibrous	Non-Fibrous		Fibrous	Non-Fibrous	
42-04 030901896-0019	PLM NYS 198.1 Friable	1/21/2009	White	100%	None Detected			Not Analyzed
RM 212/ PLASTER SKIM COAT	PLM NYS 198.6 NOB			N/A				Not Analyzed
	TEM NYS 198.4 NOB			N/A				Not Analyzed
42-05 030901896-0020	PLM NYS 198.1 Friable	1/21/2009	White	100%	None Detected			Not Analyzed
RM 401/ PLASTER SKIM COAT	PLM NYS 198.6 NOB			N/A				Not Analyzed
	TEM NYS 198.4 NOB			N/A				Not Analyzed
42-06 030901896-0021	PLM NYS 198.1 Friable	1/21/2009	White	100%	None Detected			Not Analyzed
BSMT STAIRWELL/ PLASTER SKIM COAT	PLM NYS 198.6 NOB			N/A				Not Analyzed
	TEM NYS 198.4 NOB			N/A				Not Analyzed
42-07 030901896-0022	PLM NYS 198.1 Friable	1/21/2009	White	100%	None Detected			Not Analyzed
MENS BATHRM 2ND FL MEZZ/ PLASTER SKIM COAT	PLM NYS 198.6 NOB			N/A				Not Analyzed
	TEM NYS 198.4 NOB			N/A				Not Analyzed
43-01 030901896-0023	PLM NYS 198.1 Friable	1/21/2009	Tan	10%	None Detected			Not Analyzed
HALL OUTSIDE G38/ PAPER WRAP	PLM NYS 198.6 NOB			N/A				Not Analyzed
	TEM NYS 198.4 NOB			N/A				Not Analyzed
43-02 030901896-0024	PLM NYS 198.1 Friable	1/21/2009	Tan	25%	None Detected			Not Analyzed
HALL OUTSIDE G38/ CLOTH DUCT WRAP	PLM NYS 198.6 NOB			N/A				Not Analyzed
	TEM NYS 198.4 NOB			N/A				Not Analyzed
44-01 030901896-0025	PLM NYS 198.1 Friable	1/21/2009	Gray	100%	None Detected			Not Analyzed
MENS BATHRM NEAR STUDENT SERVICES/ GROUT	PLM NYS 198.6 NOB			N/A				Not Analyzed
	TEM NYS 198.4 NOB			N/A				Not Analyzed
44-02 030901896-0026	PLM NYS 198.1 Friable	1/21/2009	Black/White	100%	None Detected			Not Analyzed
MENS BATHRM NEAR STUDENT SERVICES/ BLACK CERAMIC C	PLM NYS 198.6 NOB			N/A				Not Analyzed
	TEM NYS 198.4 NOB			N/A				Not Analyzed



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Received: 01/21/09 9:30 AM
EMSL Order: 030901896
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Fax: (518) 453-0175 Phone: (518) 453-0146
Project: 08-8149-ACI/ CAMPUS CENTER

Report Date: 1/22/2009

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non-Fibrous	Asbestos	Comments
45-01 030901896-0027	PLM NYS 198.1 Friable	1/21/2009	White		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
2ND FL WOMENS BATHRM MEZZ/ WHITE GROUT	TEM NYS 198.4 NOB				N/A		Not Analyzed
45-02 030901896-0028	PLM NYS 198.1 Friable	1/21/2009	Yellow		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
2ND FL WOMENS BATHRM MEZZ/ YELLOW CWT	TEM NYS 198.4 NOB				N/A		Not Analyzed
46-01 030901896-0029	PLM NYS 198.1 Friable	1/21/2009	Gray		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
BSMT KITCHEN MENS BATHRM/ GROUT	TEM NYS 198.4 NOB				N/A		Not Analyzed
46-02 030901896-0030	PLM NYS 198.1 Friable	1/21/2009	Tan/White		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
MENS BATHRM BSMT KITCHEN/ WHITE CWT	TEM NYS 198.4 NOB				N/A		Not Analyzed
47-01 030901896-0031	PLM NYS 198.1 Friable	1/21/2009	Tan		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
BSMT KITCHEN/ MORTAR	TEM NYS 198.4 NOB				N/A		Not Analyzed
47-02 030901896-0032	PLM NYS 198.1 Friable	1/21/2009	Yellow		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
BSMT KITCHEN/ YELLOW CWT	TEM NYS 198.4 NOB				N/A		Not Analyzed
48-01 030901896-0033	PLM NYS 198.1 Friable	1/21/2009	Gray		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
BSMT BATHRM ADJ STUDENT SERVICES/ GROUT	TEM NYS 198.4 NOB				N/A		Not Analyzed
48-02 030901896-0034	PLM NYS 198.1 Friable	1/21/2009	White		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
BSMT BATHRM ADJ STUDENT SERVICES/ 1"x1" WHITE CFT	TEM NYS 198.4 NOB				N/A		Not Analyzed



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Received: 01/21/09 9:30 AM
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Project: 08-8149-ACI CAMPUS CENTER

Report Date: 1/22/2009

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Fibrous	Non-Fibrous	Asbestos	Comments
49-01 030901896-0035	PLM NYS 198.1 Friable	1/21/2009	Gray	30.00% Cellulose	70%	None Detected	
RM 227/ GROUT	PLM NYS 198.6 NOB						Not Analyzed
	TEM NYS 198.4 NOB						Not Analyzed
49-02 030901896-0036	PLM NYS 198.1 Friable	1/21/2009	White		100%	None Detected	
RM 227/ 1"X2" WHITE CFT W/ BLACK SPOTS	PLM NYS 198.6 NOB						Not Analyzed
	TEM NYS 198.4 NOB						Not Analyzed
50-01 030901896-0037	PLM NYS 198.1 Friable	1/21/2009	Brown		100%	None Detected	
BSMT WENDY'S DINING AREA/ GROUT	PLM NYS 198.6 NOB						Not Analyzed
	TEM NYS 198.4 NOB						Not Analyzed
50-02 030901896-0038	PLM NYS 198.1 Friable	1/21/2009	Gray		100%	None Detected	
BSMT WENDY'S DINING AREA/ DARK GRAY 12X12 CFT	PLM NYS 198.6 NOB						Not Analyzed
	TEM NYS 198.4 NOB						Not Analyzed
50-03 030901896-0039	PLM NYS 198.1 Friable	1/21/2009	Cream		100%	None Detected	
BSMT WENDY'S DINING AREA/ CREAM 12X12 CFT	PLM NYS 198.6 NOB						Not Analyzed
	TEM NYS 198.4 NOB						Not Analyzed
51-01 030901896-0040	PLM NYS 198.1 Friable	1/21/2009	Gray		100%	None Detected	
BSMT DINING AREA/ GROUT	PLM NYS 198.6 NOB						Not Analyzed
	TEM NYS 198.4 NOB						Not Analyzed
51-02 030901896-0041	PLM NYS 198.1 Friable	1/21/2009	Tan/Brown		100%	None Detected	
BSMT DINING AREA/ BROWN 12X12 CFT	PLM NYS 198.6 NOB						Not Analyzed
	TEM NYS 198.4 NOB						Not Analyzed
52-01 030901896-0042	PLM NYS 198.1 Friable	1/21/2009	Tan/Brown		100%	None Detected	
BSMT WENDY'S DINING AREA/ RED 12X12 CFT	PLM NYS 198.6 NOB						Not Analyzed
	TEM NYS 198.4 NOB						Not Analyzed



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Project: 08-8149-ACI CAMPUS CENTER

Customer ID: ALP150
Customer PO: 01/21/09 9:30 AM
Received: 030901896
EMSL Order:
EMSL Proj:

Report Date: 1/22/2009

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Fibrous	Non Asbestos	Non-Fibrous	Asbestos	Comments
53-01 030901896-0043 BSMT WENDY'S DINING AREA/ WHITE 12X12 CFT	PLM NYS 198.1 Friable PLM NYS 198.6 NOB TEM NYS 198.4 NOB	1/21/2009	White			100%	None Detected	Not Analyzed Not Analyzed Not Analyzed
54-01 030901896-0044 ELEV LOBBY ADJ RM 110/TERRAZZO	PLM NYS 198.1 Friable PLM NYS 198.6 NOB TEM NYS 198.4 NOB	1/21/2009	White	5.00% Fibrous (other)		95%	None Detected	Not Analyzed Not Analyzed
55-01 030901896-0045 RM 222/ WHITE LEVELER	PLM NYS 198.1 Friable PLM NYS 198.6 NOB TEM NYS 198.4 NOB	1/21/2009	White			100%	None Detected	Not Analyzed Not Analyzed
56-01 030901896-0046 RM 217/ MORTAR	PLM NYS 198.1 Friable PLM NYS 198.6 NOB TEM NYS 198.4 NOB	1/21/2009	Gray			100%	None Detected	Not Analyzed Not Analyzed
57-01 030901896-0047 RM 110B/ JOINT CMPD	PLM NYS 198.1 Friable PLM NYS 198.6 NOB TEM NYS 198.4 NOB	1/21/2009	White/Gray	2.00% Cellulose <1% Glass		98%	None Detected	Not Analyzed Not Analyzed
58-01 030901896-0048 RM 110B/ DRYWALL	PLM NYS 198.6 NOB TEM NYS 198.4 NOB					N/A		Not Analyzed Not Analyzed
59-01 030901896-0049 WOMEN'S BATHRM BSMT KITCHEN/ 1X1 CEILING TILE	PLM NYS 198.1 Friable PLM NYS 198.6 NOB TEM NYS 198.4 NOB	1/21/2009	Gray/White	30.00% Cellulose 35.00% Min. Wool		35%	None Detected	Not Analyzed Not Analyzed
59-01 030901896-0050 RM 320/ 1X1 WALL TILE	PLM NYS 198.1 Friable PLM NYS 198.6 NOB TEM NYS 198.4 NOB	1/21/2009	Tan/White	85.00% Cellulose		15%	None Detected	Not Analyzed Not Analyzed


EMSL Analytical, Inc.

 307 West 38th Street, New York, NY 10018
 (212) 290-0051

 Attn: Alpine Environmental Services
 1146 Central Ave
 Albany, NY 12205

 Fax: (518) 453-0175 Phone: (518) 453-0146
 Project: 08-8149-AC/ CAMPUS CENTER

 Customer ID: ALP150
 Customer PO: 01/21/09 9:30 AM
 Received: 030901896
 EMSL Order:
 EMSL Proj:

Report Date: 1/22/2009

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
60-01 030901896-0051	PLM NYS 198.1 Friable PLM NYS 198.6 NOB	1/21/2009	Gray	65.00% Min. Wool	35%	None Detected	Not Analyzed
2ND FL WOMENS BATHRM MEZZ AREA/ 2'X3' CEILING TILE	TEM NYS 198.4 NOB				N/A		Not Analyzed
61-01 030901896-0052	PLM NYS 198.1 Friable	1/21/2009	Tan/White	35.00% Cellulose 20.00% Min. Wool	45%	None Detected	
B55/ 2'X3" CEILING TILE W/ SQUARES	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
62-01 030901896-0053	PLM NYS 198.1 Friable	1/21/2009	Cream	12.00% Glass	73.7%	14.30% Chrysotile	Not Analyzed
RM 139 ABOVE DROP CEILING/ ELBOW	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
62-02 030901896-0054	PLM NYS 198.1 Friable	1/21/2009	Cream	10.00% Glass	78.9%	11.10% Chrysotile	Not Analyzed
CUSTODIAL SERVICE LOCKER RM AREA (ABOVE DROP CEIL)	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
62-03 030901896-0055	PLM NYS 198.1 Friable	1/21/2009	Cream	15.00% Glass	74.5%	10.50% Chrysotile	Not Analyzed
PENTHOUSE MECH RM (RM 401)/ ELBOW	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
63-01 030901896-0056	PLM NYS 198.1 Friable	1/21/2009	Tan/Cream		87.5%	12.50% Chrysotile	Not Analyzed
MECH RM (ADJ CUSTODIAL SERVICES)/ PIPE INSULATION	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
63-02 030901896-0057	PLM NYS 198.1 Friable	1/21/2009	Cream		86.7%	13.30% Chrysotile	Not Analyzed
RM 341 IN WALL/ PIPE INSULATION	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
63-03 030901896-0058	PLM NYS 198.1 Friable	1/21/2009	Cream		85.7%	14.30% Chrysotile	Not Analyzed
RM 401/ PIPE INSULATION	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed



EMSL Analytical, Inc.

Attn: Alpine Environmental Services

1146 Central Ave
Albany, NY 12205

Phone: (518) 453-0175
Project: 08-8149-AC/ CAMPUS CENTER

ALP150

Customer ID:
Customer PO:
Received:
EMSL Order:
EMSL Proj:

01/21/09 9:30 AM
030901896

Report Date: 1/22/2009

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
64-01	PLM NYS 198.1 Friable	1/21/2009	Gray		50%	50.00% Chrysotile	Not Analyzed
030901896-0059	PLM NYS 198.6 NOB				N/A		Not Analyzed
RM 401/ DUCT INSULATION	TEM NYS 198.4 NOB				N/A	Positive Stop	Not Analyzed
64-02	PLM NYS 198.1 Friable	1/21/2009					
030901896-0060	PLM NYS 198.6 NOB				N/A		Not Analyzed
RM 401/ DUCT INSULATION	TEM NYS 198.4 NOB				N/A		Not Analyzed
65-01	PLM NYS 198.1 Friable						Not Analyzed
030901896-0061	PLM NYS 198.6 NOB	1/21/2009	Yellow		N/A	Inconclusive: None Detected	
ELEVATOR B55 AREA/ TAN MASTIC	TEM NYS 198.4 NOB	1/22/2009	Yellow		N/A	None Detected	
65-02	PLM NYS 198.1 Friable						Not Analyzed
030901896-0062	PLM NYS 198.6 NOB	1/21/2009	Gray		N/A	Inconclusive: None Detected	
ELEVATOR B55 AREA/ GRAY 12X12	TEM NYS 198.4 NOB	1/22/2009	Gray		N/A	None Detected	
66-01	PLM NYS 198.1 Friable						Not Analyzed
030901896-0063	PLM NYS 198.6 NOB	1/21/2009	Gray		N/A	2.9% Chrysotile 2.9% Total	
B55 WINDOW/ GRAY GLAZING	TEM NYS 198.4 NOB				N/A	Not Analyzed	POSITIVE STOP
67-01	PLM NYS 198.1 Friable	1/21/2009	Gray		100%	None Detected	
030901896-0064	PLM NYS 198.6 NOB				N/A		Not Analyzed
ROOF WINDOW/ CONCRETE BLOCK	TEM NYS 198.4 NOB				N/A		Not Analyzed

030900550

CHAIN OF CUSTODY

Client: Alpine Environmental Services

Project: Campus Center

Contact: David Horton

Project Number: 09-8149AC

Fax: 518-453-0175

Sampled By: David Horton

Turnaround Time: 24 hrs.

Date / Time Collected: 1/6/09

P.O. Number: _____

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Results
	1-01	B52 Food Service/Suny Card	Gray Leveler	NYS PLM	
	1-02	B52	Tan Mastic (purple ft)	NYS Protocol	
	1-03	B52	Purple 12x12	NYS Protocol	
	1-04	B52	Light Gray 12x12	NYS Protocol	
	2-01	Service Center	Brown Mastic	NYS Protocol	
	2-02	Service Center	Green 12x12	NYS Protocol	
	2-03	Service Center	Gray 12x12	NYS Protocol	
	2-04	Service Center	Cream 12x12	NYS Protocol	
	3-01	Service Center	White Flooring Under Multi-colored floor	NYS Protocol	
	3-02	Service Center	Purple Flooring Under Multi-colored floor	NYS Protocol	
	4-01	Custodial Services	Black/brown Mastic	NYS Protocol	
	4-02	Custodial Services	Gray 12x12	NYS Protocol	

Disposition of Samples: Accept _____ Reject _____ Explain _____

Comments: _____

Relinquished By:	Received By:	Date:	Time:
<i>David Horton</i>	<i>M. Jackson</i>	<i>1/6/09</i>	<i>2:02 PM</i>

Page _____ of _____

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09 JAN - 8 AM 9:02

CHAIN OF CUSTODY

Client: Alpine Environmental Services

Project: Campus Center

Contact: David Horton

Project Number: 09-8149AC

Fax: 518-453-0175

Sampled By: David Horton

Turnaround Time: 24 hrs

Date / Time Collected: 1/6/09

P.O. Number: _____

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Results
	5-01	Elevator Lobby B52	Mastic	NYS Protocol	
	5-02	Elevator Lobby B52	Cream 12x12 w/ specs	NYS Protocol	
	6-01	Hallway Dining Services & Accounting Offices	Black Mastic	NYS Protocol	
	6-02	Hallway Dining Services & Accounting Offices	Off-white 9x9 w/ Tan Specs	NYS Protocol	
	7-01	Mens Bathroom Kitchen	Black Mastic	NYS Protocol	
	7-02	Mens Bathroom Kitchen	Off-white 9x9	NYS Protocol	
	8-01	Dining Services	Wood Floor Adhesive	NYS Protocol	
	8-02	Dining Services	Brown Carpet Adhesive	NYS Protocol	
	9-01	Dining Services	Tan w/ colored specs 12x12	NYS Protocol	
	10-01	Office #2 <i>Kitchen</i>	Brown Mastic	NYS Protocol	
	10-02	Office #2 <i>Kitchen</i>	Brown Cove base	NYS Protocol	
	11-01	B52	Cream Mastic	NYS Protocol	

Disposition of Samples: Accept _____ Reject _____ Explain _____

Comments:

Relinquished By:	Received By:	Date:	Time:
<i>David Horton</i>	<i>Ben Jackson</i>	<i>1/6/09</i>	<i>9:03 AM</i>

EMS
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MANHATTAN

09 JAN - 8 AM 9:03

CHAIN OF CUSTODY

Client: Alpine Environmental Services

Project: Campus Center

Contact: David Horton

Project Number: 09-8149AC

Fax: 518-453-0175

Sampled By: David Horton

Turnaround Time: 24 hrs

Date / Time Collected: 1/6/09

P.O. Number: _____

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Results
	11-02	B52	Black Cove base	NYS Protocol	
	12-01	Kitchen Office #2	Brown 12x12	NYS Protocol	
	13-01	Kitchen Office #1	Tan Mastic (blue carpet)	NYS Protocol	
	14-01	B52	Green Mastic (gray carpet)	NYS Protocol	
	15-01	B52	Tan Mastic (purple carpet)	NYS Protocol	
	16-01	Service Center Veteran Services	Brown Carpet Mastic	NYS Protocol	

Disposition of Samples: Accept _____ Reject _____ Explain _____
Comments:

Relinquished By:	Received By:	Date:	Time:
<i>David Horton</i>	<i>M. Carlson</i>	1/8/09	9:53 AM

CHAIN OF CUSTODY

030900999

Client: Alpine Environmental Services, Inc. Project: Campus Center
1146 Central Ave.
Albany, NY 12205 Project Number: 09-8149-AL
Contact: Dave H. Sampled By: Client
Phone/Fax: 518 453-0146 fax 518 453-0175 Date / Time Collected: 1/7/09
Turnaround Time: All PLMs, including NOBs, are to be 24 hour TAT. All negative PLM NOBs are to immediately go to TEM, at 24 or 72 hr. TAT. P.O. Number: _____

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Results
	17-01	Rm 108	Black Mastic	nys Protocol	Step @ 1st Positive 17-01 to 17-02
	17-02	Rm 108	Off-white 9x9 w/ Black Spots	nys Protocol	↓
	18-01	storage closet opp. Rm 105	Tan Mastic	nys Protocol	Step @ 1st Positive 18-01 to 18-02
	18-02	storage closet opp. Rm 105	Tan 12x12	nys Protocol	↓
	19-01	Rm 135 A	Black Mastic	nys Protocol	Step @ 1st Positive 19-01 to 19-02
	19-02	Rm 135 A	White Flooring under purple carpet	nys Protocol	↓
	20-01	Stairwell Adj. to Rm 108	Brown Mastic	nys Protocol	Step @ 1st Positive 20-01 to 20-02
	20-02	Stairwell Adj. to Rm 108	Tan 12x12 w/ Black Spots	nys Protocol	↓
	21-01	Rm 115	Tan Mastic (Blue Carpet)	nys Protocol	
	22-01	Rm 110	Tan Mastic (Purple Carpet)	nys Protocol	
	23-01	Rm 110 B	wind glazing	nys Protocol	
	24-01	Rm 139	Red Fire Stop	nys Protocol	

Disposition of Samples: Accept _____ Reject _____ Explain _____

Comments: Mastics must be confirmed positive or negative.

Relinquished By:	Received By:	Date:	Time:
<u>Dave H.</u>	<u>M. G. [Signature]</u>	<u>1/13/09</u>	<u>9:12 AM</u>

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JAN 13 AM 9:12

CHAIN OF CUSTODY

030900999

Client: Alpine Environmental Services, Inc. Project: Campus Center
1146 Central Ave.
Albany, NY 12205 Project Number: 09-8149-AC
Contact: Dave H. Sampled By: Client
Phone/Fax: 518 453-0146 fax 518 453-0175 Date/Time Collected: 1/7/09
Turnaround Time: All PLMs, including NOBs, are to be 24 hour TAT. All negative PLM NOBs are to immediately go to TEM, at 24 or 72 hr. TAT. P.O. Number: _____

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Results
	25-01	Chase Adj. Rm. 139	Gray Duct Sealant	NYS Protocol	
	26-01	Rm. 211	Tan mastic (Green carpet)	NYS Protocol	
	27-01	Rm. 212	Tan mastic	NYS Protocol	
	27-02	Rm. 212	Gray 12x12	NYS Protocol	
	27-03	Rm. 212	Blue 12x12	NYS Protocol	
	27-04	Rm. 212	Red 12x12	NYS Protocol	
	27-05	Rm. 212	Tan mastic (purple kaf carpet)	NYS Protocol	
	28-01	Rm. 221	Tan mastic	NYS Protocol	
	28-02	Rm. 221	Green 12x12	NYS Protocol	
	28-03	Rm. 221	Red 12x12	NYS Protocol	
	29-01	Elev. Lobby Rm. 222	Tan mastic	NYS Protocol	
	29-02	Elev. Lobby Rm. 222	Gray 12x12	NYS Protocol	

Disposition of Samples: Accept _____ Reject _____ Explain _____
Comments: _____

Relinquished By:	Received By:	Date:	Time:
<u>Dave H.</u>	<u>M. G. [Signature]</u>	<u>1/7/09</u>	<u>9:12 AM</u>

09 JAN 10
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CHAIN OF CUSTODY

030900999

Client: Alpine Environmental Services, Inc. Project: Campus Center
1146 Central Ave.
Albany, NY 12205
 Contact: Dave H. Project Number: 09-8149-AC
 Phone/Fax: 518 453-0146 fax 518 453-0175 Sampled By: Client
 Date / Time Collected: 1/7/09
 Turnaround Time: All PLMs, including NOBs, are to be 24 hour TAT. All negative PLM NOBs are to immediately go to TEM, at 24 or 72 hr. TAT. P.O. Number: _____

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Results
	30-01	Rm. 222 Ck	Green/Tan Mastic (Brown/Green Carpet)	NYS Protocol	
	31-01	Rm. 320	Tan Adhesive (1st wall h/b)	NYS Protocol	
	32-01	Rm 315 B	Black / Green mastic (Red Carpet)	NYS Protocol	
	33-01	Rm 316	Green mastic (Red Carpet)	NYS Protocol	
	34-01	Stairwell to Rm. 401	mastic	NYS Protocol	
	34-02	stairwell to Rm. 401	stair tread	NYS Protocol	

Disposition of Samples: Accept _____ Reject _____ Explain _____
 Comments: _____

Relinquished By:	Received By:	Date:	Time:
<u>David Nov</u>	<u>M. Gorka</u>	<u>1/14/09</u>	<u>9:12 AM</u>

030901255

CHAIN OF CUSTODY

Client: Alpine Environmental Services

Project: Campus Center

Contact: David Horton

Project Number: 09-8149-AC

Sampled By: David Horton

Fax: 518-453-0175

Date / Time Collected: 1/9/09

Turnaround Time: 24 hrs

P.O. Number: _____

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Results
	35-01	Middle Level Roof	Built-up	NYS Protocol	
	35-02	Middle Level Roof	Built-up	NYS Protocol	
	35-03	Middle Level Roof	Attached Vapor Barrier	NYS Protocol	
	36-01	Upper Roof	Built-up	NYS Protocol	
	36-02	Upper Roof	Attached Vapor Barrier	NYS Protocol	
	37-01	Roof	Black Tar	NYS Protocol	
	38-01	Rm 375	Brown Mastic	NYS Protocol	
	38-02	Rm 375	Gray 12x12 w/ blue & red	NYS Protocol	
	39-01	Rm 116A	Black Mastic	NYS Protocol	
	39-02	Rm 116A	Off-White 12x12 w/ tan	NYS Protocol	

Disposition of Samples: Accept _____ Reject _____ Explain _____

Comments: _____

Relinquished By:	Received By:	Date:	Time:
<i>David Horton</i>	<i>Katy G.</i>	<i>1/15</i>	

SAMPLES ACCEPTED
FOR ANALYSIS BY
EMSL
MANHATTAN
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09 JAN 15 AM 9:23

Alpine Environmental Services, Inc.
1146 Central Avenue
Albany, NY 12205

030901896

Phone: (518) 453-0146
Fax: (518) 453-0175
email: ealpinee@nycap.n.com

CHAIN OF CUSTODY

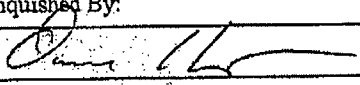
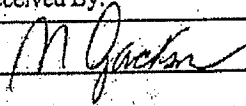
Client: Alpine Environmental ServicesProject: Campus CenterProject Number: 08-8149-ACContact: David HortonSampled By: David HortonFax: 518-453-0175Date / Time Collected: 1/12/09Turnaround Time: 24 hrs

P.O. Number: _____

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Results
	40-01	Rm 141	Spray-on Substrate	NYS PLM	
	40-01	Womens Bathroom 2 nd Floor Mezzanine Area	Spray-on Substrate	NYS PLM	
	40-02	Womens Bathroom 2 nd Floor Mezzanine Area	Spray-on Substrate	NYS PLM	
	40-03	Womens Bathroom 2 nd Floor Mezzanine Area	Spray-on Substrate	NYS PLM	
	40-04	Womens Bathroom 2 nd Floor Mezzanine Area	Spray-on Substrate	NYS PLM	
	40-05	Womens Bathroom 2 nd Floor Mezzanine Area	Spray-on Substrate	NYS PLM	
	40-06	Womens Bathroom 3 rd Floor Mezzanine Area	Spray-on Substrate	NYS PLM	
	40-07	Womens Bathroom 3 rd Floor Mezzanine Area	Spray-on Substrate	NYS PLM	
	41-01	Rm 111	Plaster Substrate	NYS PLM	
	41-02	Rm 139	Plaster Substrate	NYS PLM	
	41-03	Mens Bathroom 2 nd Floor Mezzanine	Plaster Substrate	NYS PLM	
	41-04	Basement Stairwell Near Student Services	Plaster Substrate	NYS PLM	

Disposition of Samples: Accept _____ Reject _____ Explain _____

Comments:

Relinquished By:	Received By:	Date:	Time:
		<u>1/12/09</u>	<u>9:30 AM</u>

09 JAN 2
 INS. MANIATAR
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Alpine Environmental Services, Inc.
1146 Central Avenue
Albany, NY 12205

Phone: (518) 453-0146
Fax: (518) 453-0175
email: calpinee@nycap.rr.com

CHAIN OF CUSTODY

Client: Alpine Environmental Services

Project: Campus Center

Contact: David Horton

Project Number: 08-8149-AC

Sampled By: David Horton

Fax: 518-453-0175

Date / Time Collected: 1/12/09

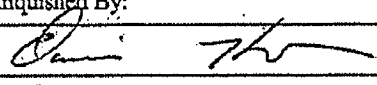
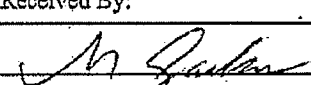
Turnaround Time: 24 hrs

P.O. Number: _____

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Results
	41-05	Rm 401	Plaster Substrate	NYS PLM	
	41-06	Rm 304	Plaster Substrate	NYS PLM	
	41-07	Rm 212	Plaster Substrate	NYS PLM	
	42-01	Mens Bathroom Kitchen	Plaster Skim coat	NYS PLM	
	42-02	Rm 111	Plaster Skim coat	NYS PLM	
	42-03	Rm 304	Plaster Skim coat	NYS PLM	
	42-04	Rm 212	Plaster Skim coat	NYS PLM	
	42-05	Rm 401	Plaster Skim coat	NYS PLM	
	42-06	Basement Stairwell	Plaster Skim coat	NYS PLM	
	42-07	Mens Bathroom 2 nd Floor Mezzanine	Plaster Skim coat	NYS PLM	
	43-01	Hall outside G38	Paper Wrap	NYS PLM	
	43-02	Hall outside G38	Cloth Duct Wrap	NYS PLM	

Disposition of Samples: Accept _____ Reject _____ Explain _____

Comments:

Relinquished By:	Received By:	Date:	Time:
		<u>1/12/09</u>	<u>9:30 AM</u>

Page ____ of ____

CHAIN OF CUSTODY

Client: Alpine Environmental Services Project: Campus Center

Project Number: 08-8149-AC

Contact: David Horton Sampled By: David Horton

Fax: 518-453-0175 Date / Time Collected: 1/12/09

Turnaround Time: 24 hrs P.O. Number: _____

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Results
	44-01	Mens Bathroom Near Student Services	Grout	NYS PLM	
	44-02	Mens Bathroom Near Student Services	Black Ceramic Cove base	NYS PLM	
	45-01	2 nd Floor Womens Bathroom Mezzanine	White Grout	NYS PLM	
	45-02	2 nd Floor Womens Bathroom Mezzanine	Yellow CWT	NYS PLM	
	46-01	Basement Kitchen Mens Bathroom	Grout	NYS PLM	
	46-02	Mens Bathroom Basement Kitchen	White CWT	NYS PLM	
	47-01	Basement Kitchen	Mortar	NYS PLM	
	47-02	Basement Kitchen	Yellow CWT	NYS PLM	
	48-01	Basement Bathroom Adj. Student Services	Grout	NYS PLM	
	48-02	Basement Bathroom Adj. Student Services	1"x1" White CFT with Black Spots	NYS PLM	
	49-01	Rm 227	Grout	NYS PLM	
	49-02	Rm 227	1"x2" White CFT with Black Spots	NYS PLM	

Disposition of Samples: Accept _____ Reject _____ Explain _____

Comments:

Relinquished By:	Received By:	Date:	Time:
<i>David Horton</i>	<i>M. G. Horton</i>	<i>1/12/09</i>	<i>9:30 AM</i>

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INSEMANHATTAN
09 JAN 2009
AM 9:30

CHAIN OF CUSTODY

Client: Alpine Environmental Services

Project: Campus Center

Project Number: 08-8149-AC

Contact: David Horton

Sampled By: David Horton

Fax: 518-453-0175

Date / Time Collected: 1/12/09

Turnaround Time: 24 hrs

P.O. Number: _____

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Results
	50-01	Basement Wendy's Dining Area	Grout	NYS PLM	
	50-02	Basement Wendy's Dining Area	Dark Gray 12x12 CFT	NYS PLM	
	50-03	Basement Wendy's Dining Area	Cream 12x12 CFT	NYS PLM	
	51-01	Basement Dining Area	Grout	NYS PLM	
	51-02	Basement Dining Area	Brown 12x12 CFT	NYS PLM	
	52-01	Basement Wendy's Dining Area	Red 12x12 CFT	NYS PLM	
	53-01	Basement Wendy's Dining Area	White 12x12CFT	NYS PLM	
	54-01	Elev. Lobby Adj. Rm. 110	Terrazzo	NYS PLM	
	55-01	Rm 222	White Leveler	NYS PLM	
	56-01	Rm 217	Mortar	NYS PLM	
	57-01	Rm. 110B	Joint compound	NYS PLM	
	57-02	Rm. 110B	Drywall	NYS PLM	

Disposition of Samples: Accept _____ Reject _____ Explain _____

Comments:

Relinquished By:	Received By:	Date:	Time:
<i>David Horton</i>	<i>M. G. [Signature]</i>	<u>1/14/09</u>	<u>9:30 AM</u>

RECEIVED
EMSL MANHATTAN
09 JAN 21 AM 9:30

CHAIN OF CUSTODY

Client: Alpine Environmental Services

Project: Campus Center

Contact: David Horton

Project Number: 08-8149-AC

Fax: 518-453-0175

Sampled By: David Horton

Turnaround Time: 24 hrs

Date / Time Collected: 1/12/09

P.O. Number: _____

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Results
	58-01	Womens Bathroom Basement Kitchen	1x1 Ceiling Tile	NYS PLM	
	59-01	Rm 320	1x1 Wall Tile	NYS PLM	
	60-01	2 nd Floor Womens Bathroom Mezzanine Area	2'x3' Ceiling Tile	NYS PLM	
	61-01	B55	2'x3" Ceiling Tile w/ squares	NYS PLM	
	62-01	Rm 139 Above Drop Ceiling	Elbow	NYS PLM	
	62-02	Custodial Service Locker Room Area (above drop ceiling)	Elbow	NYS PLM	
	62-03	Penthouse Mechanical Room (Rm 401)	Elbow	NYS PLM	
	63-01	Mechanical Rm (adj custodial services)	Pipe Insulation	NYS PLM	
	63-02	Rm 341 in Wall	Pipe Insulation	NYS PLM	
	63-03	Rm 401	Pipe Insulation	NYS PLM	
	64-01	Rm 401	Duct Insulation	NYS PLM	Stop @ 1 st Positive 64-01 to 64-02
	64-02	Rm 401	Duct Insulation	NYS PLM	

Disposition of Samples: Accept _____ Reject _____ Explain _____

Comments:

Relinquished By:	Received By:	Date:	Time:
<i>[Signature]</i>	<i>[Signature]</i>	<i>1/12/09</i>	<i>9:31 am</i>

EMSL MANHATTAN RECEIVED

09 JAN 21

1146 Central Avenue
Albany, NY 12205

Phone: (518) 453-0146
Fax: (518) 453-0175
email: calpinee@nycap.rr.com

CHAIN OF CUSTODY

Client: Alpine Environmental Services

Project: Campus Center

Contact: David Horton

Project Number: 09-8149-AC

Fax: 518-453-0175

Sampled By: David Horton

Turnaround Time: 24 hrs

Date/ Time Collected: 1/13/09



P.O. Number:

[illegible]

Disposition of Samples: Accept _____ Reject _____ Explain _____

Comments:

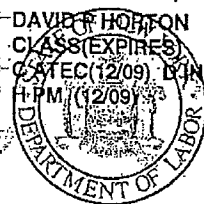
09 JAN 21 AM 9:31
ETSL MANHATTAN
RECEIVED

Relinquished By:	Received By:	Date:	Time:
		11/1/09	9:31 am

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



DAVID R. HORTON
CLASS (EXPIRES)
C-ATEC (12/09) D-INS (12/09)
H-PM (12/09)



CERT# 04-11747
DMV# 619275961

MUST BE CARRIED ON ASBESTOS PROJECTS

NEW YORK STATE DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
LICENSE AND CERTIFICATE UNIT
STATE CAMPUS BUILDING 12
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

Alpine Environmental Services, Inc.
1146 Central Avenue
Albany, NY 12205

FILE NUMBER: 00-0320
LICENSE NUMBER: 29095
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 06/10/2008
EXPIRATION DATE: 07/31/2009

Duly Authorized Representative: Craig Petteris

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Maureen A. Cox

Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (4-07)

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2009
Issued April 01, 2008

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

DR. PETER FRASCA
EMSL ANALYTICAL INC
107 HADDON AVE
WESTMONT, NJ 08108

NY Lab Id No: 10872
EPA Lab Code: NJ00337

*is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:*

Miscellaneous

Asbestos in Friable Material	EPA 600/M4/82/020 Item 198.1 of Manual
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	ITEM 198.4 OF MANUAL

Serial No.: 35948

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

10. Appendix



Attending:	Representing:	Telephone:	E-Mail:
R. Scott Birge	University at Albany	518-442-5490	sbirge@uamail.albany.edu
Glenn Pichardo	President, Graduate Stud. Orgs.	518-222-1467	gp279613@albany.edu
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Karen Kettlewell	University at Albany	518-442-5958	kkettlewell@uamail.albany.edu
Errol Millington	University at Albany	518-442-3400	emillington@uamail.albany.edu
Randy Olocki	University at Albany	518-442-3434	rolocki@uamail.albany.edu
Robert Prendergast	University at Albany	518-442-3458	rprendergast@uamail.albany.edu
Paul Knell	WTW Architects	412-321-0550	pknell@wtwarch.com
John Danko	WTW Architects	412-321-0550	jdanko@wtwarch.com

Meeting Location:

1. Science Library Conference Room

General Discussion

1. General Criteria
 - a. Make a final presentation of Feasibility Study before school lets out (May, 2009)
 - b. Any design should be certifiable as LEED Silver.
2. Goals and Objectives
 - a. Create a STUDENT CENTERED space.
 - b. FFE – Enhance the Campus Center’s ability to provide FOOD, FUN, and ENTERTAINMENT.
 - c. Recreation component needs to be expanded.
 - d. Provide a markedly improved student experience.
 - e. Use the Campus Center as a recruitment and retention tool.
 - f. Provide for flexibility and growth.
 - g. Provide space for late-night programming as an alternative to bars.
 - h. Incorporate fitness / wellness into campus center.
3. Stakeholder Comments
 - a. Campus Center fulfills four campus initiatives – it is difficult to meet the needs of all these functions within current limited area:
 - 1) Student Center
 - 2) Student Services Center
 - 3) Main Dining Facility
 - 4) Conference Center
 - b. R.S. Birge liked the Main Street concept at the University of Cincinnati
 - c. Programming space is inadequate
 - 1) Films are shown in Fine Arts Building.
 - 2) Not much opportunity for late-night programming – need alternative to bars/ nightclubs
4. Campus Center Strengths
 - a. Central Location
 - b. Fulfills four vital roles on campus
 - c. Dining and retail activity
 - d. Parent’s Fountain area
 - e. Foodcourt
 - f. Tabling in Lobby & outdoor area w/ banners
 - g. Ballroom space
 - h. Assembly Hall
 - i. Architecture

5. Campus Center Weaknesses
 - a. Circulation Paths
 - b. Nobody goes there anymore – it's too crowded
 - c. Congestion
 - d. No place to see & be seen
 - e. Missing a living room
 - f. Few office spaces for students
 - g. Very little entertainment options
 - h. Students meet & program in academic spaces
 - i. 60-75% of programming is non-student group initiated
 - j. Lacks infrastructure – no deep frying, no convection oven
 - k. No accessible loading dock
 - l. Convoluted tunnel system
 - m. Not green
 - n. Not enough toilets
 - o. Lighting is bad
 - p. Single pane windows
 - q. HVAC is terrible
 - r. Entrances not inviting
 - s. Adjacencies – haphazard layout
 - t. Lack of storage
 - u. Lack of govt. offices
 - v. Acoustics
6. Action Items:
 - a. WTW will continue to meet with stakeholder groups including: students, student government, Food Service & Chartwells, Barnes & Noble, Campus Center staff, Physical Plant and others to complete the information gathering phase.

Next Meeting:

1. Wednesday, November 12, 2008

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees
Daniel Truchan

Attending:	Representing:	Telephone:	E-Mail:
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Errol Millington	University at Albany	518-442-3400	emillington@uamail.albany.edu
Robert Prendergast	University at Albany	518-442-3458	rprendergast@uamail.albany.edu
Paul Knell	WTW Architects	412-321-0550	pknell@wtwarch.com
John Danko	WTW Architects	412-321-0550	jdanko@wtwarch.com

Meeting Location:

1. Science Library Conference Room

General Discussion

1. Budget
 - a. Short Term – There will be an expenditure of approx. \$1M to be spent immediately following study. This will likely take the form of interior modifications and equipment upgrades.
 - b. Intermediate Term – There will be an expenditure of approx. \$20-24M to be spent, likely on an addition.
 - c. Long Term – The feasibility study should determine if any expenditure beyond the above amount is needed to meet the goals and expectations of the university.
2. Goals and Objectives
 - a. Must be a student centered space
 - b. FFE – Enhance the campus center's ability to provide FOOD, FUN, and ENTERTAINMENT.
 - c. Recreation component needs to be expanded.
 - d. Provide a markedly improved student experience.
 - e. Use the Campus Center as a recruitment and retention tool.
 - f. Provide for flexibility and growth.
 - g. Provide space for late-night programming an alternative to bars.
 - h. Front door of Campus Center should not look like a flea market.
3. WTW Initial Impressions
 - a. The Campus Center is in the right location – at the hub of campus.
 - b. The Campus Center contains many of the right components (food service, student orgs, lounge space, bookstore).
 - c. The lower level is vibrant and active (food service areas are very busy at mealtime).
 - d. The main lobby area is not very inviting.
 - e. The student areas are congested and split-up.
 - f. The finishes are old and tired.
 - g. There is no real "front door" at the basement level.
 - h. There is not enough separation between back-of-house and front-of-house. Deliveries are being made at some of the basement level student entrances.
 - i. Toilet rooms are inadequately sized.
4. Project Limitations
 - a. WTW must respect the architecture of the original Edward Durrell Stone design.
 - b. The Getty Heritage Grant places restrictions and limitation on renovation / addition work.
 - c. There is a landscape masterplan.

5. Action Items:
 - a. WTW will submit to K. Lowery through R. Prendergast a list of student union projects to date.

Next Meeting:

1. Wednesday, November 12, 2008

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees
John Murphy
Christine Bouchard

Attending:	Representing:	Telephone:	E-Mail:
R. Scott Birge	University at Albany	518-442-3458	sbirge@uamail.albany.edu
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John Danko	WTW Architects	412-321-0550	jdanko@wtwarch.com

Meeting Location:

1. Building Walkthrough

General Discussion

1. General Comments
 - a. Scott wants to move the facility back to being the "Student Center" instead of balancing four initiatives (Student Center, Student Services Center, Main Dining Facility, and Conference Center.)
 - b. Scott would like to give up:
 - 1) Student Services
 - 2) Mass feeding in the Dining Hall (but keep vibrant dining operations within the building)
 - c. Scott is a one-person staff with student workers. He needs additional staff and staff funding.
2. WTW toured the Campus Center with S. Birge, R. Prendergast, and J. Edwards.
3. Student Organizations are in cramped, chopped-up spaces.
4. Student Organizations would be better served in wide open spaces, possibly with workstations instead of small offices.
5. Toilet Rooms on all floors are old, poorly ventilated and appear to be undersized.
6. Police Substation is underutilized.
7. Storage space throughout Campus Center is inadequate.
8. Storage for Bookstore is in two separate areas.
9. All deliveries should occur through tunnel; some come directly through pedestrian entrances.
10. Food Service area is vibrant, but wait lines are long and convoluted.

Next Meeting:

Wednesday, November 12, 2008

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees

Attending:	Representing:	Telephone:	E-Mail:
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Paul Knell	WTW Architects	412-321-0550	pknell@wtwarch.com
John Danko	WTW Architects	412-321-0550	jdanko@wtwarch.com

Meeting Location:

1. Campus Center Room 375

General Discussion

1. Mike Jaromin (Director)
 - a. Need to build community.
 - b. All student related groups (Student Government, Graduate Student Office, Student Orgs., Student Affairs)
 - c. Above groups all need adequate and flexible space, more storage, adequate meeting and conference space.
2. Beth Conrad (Assoc. Director)
 - a. Need a concert venue, open mic / coffee house for approx. one hundred persons.
 - b. Need a larger venue on campus for fifteen hundred to two thousand people, designed for music.
 - c. Need improved conferencing facility
3. Craig Brewer (Greek Life)
 - a. Need a space to become the "Living Room" of the Campus Center – a place for people to see and be seen.
 - b. Need a better place for banners to be hung.
4. Pam Malatesta (Late Night)
 - a. Need an auditorium for movies, performances, lectures to seat two hundred.
 - b. Need a game lounge, relaxed space with pool tables, ping pong, etc.
5. Ekwo King
 - a. Need a late-night alternative to bars, soundproof space with music, similar atmosphere as a lounge.
 - b. Need space for commuting students to work out, include showers, lockers.
 - c. Include an indoor driving range.
6. Jennifer (Religious Groups)
 - a. Need more meeting space.
 - b. Chapel House is not convenient for students.
 - c. Need a diversity of meeting spaces (Muslim students need a carpeted room with east-facing windows).
7. General Comments
 - a. Student Services belong outside building.
 - b. Need outdoor programming space.
 - 1) Science Library has a terraced area at the rear.
 - 2) The circle at the Washington Ave. entrance is too large for most events.
 - c. Most students walk on podium.

d. Freshmen are housed mostly at Indian and State Quads.

Next Meeting:

Wednesday, November 12, 2008

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees

f:\proj\7138 univ albany\meeting reports\10-21 to 10-22 visit\student affairs meeting report 2008_10_22.doc

Attending:	Representing:	Telephone:	E-Mail:
Dan Truchan	Student President		pres@albany.edu
Glenn DiPichardo	Graduate Student Assoc.		Gp279613@albany.edu
Errol Millington	University at Albany	518-442-3400	emillington@uamailalbany.edu
Robert Prendergast	University at Albany	518-442-3458	rprendergast@uamail.albany.edu
Paul Knell	WTW Architects	412-321-0550	pknell@wtwarch.com
John Danko	WTW Architects	412-321-0550	jdanko@wtwarch.com

Meeting Location:

1. Third Floor Large Conference Room #325

General Discussion

1. General Comments
 - a. Bus access is very close, drop-off near foodcourt, Wendy's.
 - b. Bus drop-off is main entry in morning.
 - c. Grad students live off campus. Parking is a quarter mile away.
 - d. There is a high percentage of grad students at night.
 - e. The Graduate Student Office provides free printing services.
 - f. Most students walk on podium, not in tunnel.
2. Campus Center Strengths
 - a. Location
 - b. New signage
 - c. Many entrances connected to food.
 - d. Food Court is definitely a PLUS.
 - e. Graduate Student Office is in a good location.
3. Campus Center Weaknesses
 - a. Space is too closed.
 - b. Building structure is not friendly.
 - c. Bookstore is too small, not visible to visitors. (should be at podium level).
 - d. Lines are too long in foodcourt, sometimes overlap.
 - e. Graduate Student Lounge is Great ... in School of Business.
 - f. No parking near Campus Center
4. Action Items:
 - a. WTW will attend a student government evening meeting. Available dates discussed include Nov.11 and Dec. 2, 2008.

Next Meeting:

Tuesday, November 11, 2008

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees

Attending:	Representing:	Telephone:	E-Mail:
John Murphy	University at Albany	518-956-8090	jmurphy@uamail.albany.edu
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Errol Millington	University at Albany	518-442-3400	Emillington@uamail.albany.edu
Robert Prendergast	University at Albany	518-442-3458	rprendergast@uamail.albany.edu
John Edwards	Sage Engineers	518-453-6019	johne@sagellp.com
Paul Knell	WTW Architects	412-321-0550	pknell@wtwarch.com
John Danko	WTW Architects	412-321-0550	jdanko@wtwarch.com

Meeting Location:

1. Third Floor Large Conference Room #325

General Discussion

1. General
 - a. Health and Wellness should be a significant component of the Campus Center.
 - b. Bring faculty into discussion. There is no space for them to interact with students here.
 - c. Faculty would like an emeritus lounge
 - d. Open town meetings would be good.
 - e. There should be opportunities to partner with Chartwell's and Barnes and Noble.
2. What Needs to Change
 - a. People are isolated.
 - b. Lighting within Campus Center is poor.
3. Program Functions to Consider Adding / Expanding
 - a. Twenty-four hour dining facility would be good.
 - b. Christine likes a diner concept. She also liked the Nutmeg Grille concept at the University of Connecticut.
 - c. Three to five hundred seat Theater
 - d. Large Recreation Center
 - e. Expand Student Services should include Career Services and provide a one-stop-shop for students, or allow student services to leave as a group.
 - f. Wellness Center – Combine nutrition with fitness, Middle Earth.
4. Action Items:
 - a. WTW will continue to meet with stakeholder groups including: students, student government, Food Service & Chartwells, Barnes & Noble, Campus Center staff, Physical Plant and others to complete the information gathering phase.

Next Meeting:

Wednesday, November 12, 2008

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees

CAMPUS CENTER ALTERATIONS & ADDITIONS
University at Albany
WTW #70-7138

Summary Meeting Report #1
October 21, 2008
Page 1 of 1

Attending:	Representing:	Telephone:	E-Mail:
Errol Millington	University at Albany	518-442-3400	emillington@uamailalbany.edu
Robert Prendergast	University at Albany	518-442-3458	rprendergast@uamail.albany.edu
Paul Knell	WTW Architects	412-321-0550	pknell@wtwarch.com
John Danko	WTW Architects	412-321-0550	jdanko@wtwarch.com

Meeting Location:

1. Third Floor Large Conference Room #325

General Discussion

1. Next Trip
 - a. Meet with Food Service and Chartwells.
 - b. Meet with the Bookstore and Barnes & Noble.
 - c. The Space Planning meeting will be earlier.
 - d. It is important to get student feedback in next couple trips.
 - e. Meet with Disabled Student Services, Judicial Services, Bursar, Financial Aid.
 - f. Meet with Middle Earth (Peer advising, wellness.)
 - g. Meet with the Steering Committee at the end.
2. Miscellaneous Comments
 - a. Errol advised against discussing possible design solutions too early.
 - b. All correspondence and communication should go through R. Pendergrast.
3. Information request
 - a. Facility Plans in .dwg format
 - b. Site Plan in .dwg format
 - c. Drawings showing adjacent buildings
 - d. ACUI Satisfaction Survey
 - e. Getty Heritage Grant Report
 - f. Landscape Masterplan
 - g. Hazardous Material Report
 - h. Sports / Fitness Masterplan
 - i. Middle Earth outline program
 - j. Program Space List for Campus Center Extension
 - k. Building Assessments
4. Action Items:
 - a. WTW will arrange to be on campus November 11 and 12.

Next Meeting:

Wednesday, November 12, 2008

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees

CAMPUS CENTER ALTERATIONS & ADDITIONS
University at Albany
WTW #70-7138

University Auxiliary Services Meeting Report #1
October 21, 2008
Page 1 of 1

Attending:	Representing:	Telephone:	E-Mail:
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Michelle McConville			mdidonna@uamail.albany.edu
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Paul Knell	WTW Architects	412-321-0550	pknell@wtwarch.com
John Danko	WTW Architects	412-321-0550	jdanko@wtwarch.com

Meeting Location:

1. Third Floor Large Conference Room #325

General Discussion

1. General Comments
 - a. University Auxiliary Services contains many functions:
 - 1) Bookstore (w/ Barnes and Noble)
 - 2) Food Service (w/ Chartwells)
 - 3) Suny Card
 - 4) Banking (SEFCU)
 - 5) Vending
 - b. Most traffic at lunchtime comes from the main entrance at the podium and down the stairs.
 - c. Foodcourt has no front entrance, don't know where to go.
 - d. Foodservice should have an identity on the Podium.
 - e. Foodservice should have a front entrance.
 - f. Foodseervice should have a drive-up window for coffee, wraps, etc.
2. Karen
 - a. The University of Delaware has a facility with a glass front; you could see the activity going on inside.
 - b. Smith College and LSU have similar arrangements.
 - c. Incorporate parking. Minnesota included an adjacent parking lot.
3. Michelle D.
 - a. Take administrative functions out of building.
 - b. Make it just for students.
4. Michelle M.
 - a. Foodcourt lines are congested, confusing during busy hours.
5. Action Items:
 - a. WTW will attend a focus group meeting on Vendors.

Next Meeting:

1. Wednesday, November 12, 2008

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees

Attending:	Representing:	Telephone:	E-Mail:
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Paul Knell	WTW Architects	412-321-0550	pknell@wtwarch.com
John Danko	WTW Architects	412-321-0550	jdanko@wtwarch.com

Meeting Location:

1. Conflict Resolution Room #361

General Discussion

1. Current Space Allocation:
 - a. Director Office with adjacent Conference Room seating ten to twelve people
 - b. Assistant Director Offices (two)
 - c. Secretarial workstation
 - d. Student employee workstation
2. No current plans for growth
3. Small Hearings are held in Conference Room outside Director's Office.
4. Remote location in Campus Center is appropriate.
5. Users are generally happy with current space.
6. There is regular interaction with Joe Zumbo (lawyer) located on the First Floor (Room 116).
7. Conflict Resolution deals with:
 - a. Drug and alcohol issues on campus
 - b. Fighting and violence
 - c. Off-campus arrests of SUNY students
8. Typical punishments include:
 - a. Probation
 - b. Temporary Suspension
9. General Building Comments:
 - a. Dining area is congested.
 - b. Dining area is poorly staffed.
 - c. HVAC system is inconsistent. Campus Center is either too hot or too cold.

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees
R. Prendergast

Attending:	Representing:	Telephone:	E-Mail:
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Paul Knell	WTW Architects	412-321-0550	pknell@wtwarch.com
John Danko	WTW Architects	412-321-0550	jdanko@wtwarch.com

Meeting Location:

1. Disabled Student Services Offices

General Discussion

1. Current Space Allocation:
 - a. Director Office
 - b. Assistant Director Office
 - c. Test Processing Office w/ two workstations
 - d. One workstation (shared secretary with S. Birge's office)
 - e. Space for five scooters (each scooter approx. 27" x 54")
 - f. Storage Room (approx 10' x 10')
 - g. Testing occurs in Third Floor meeting rooms.
2. Additional Requirements:
 - a. Special Testing Room where a proctor would read questions to one to three students.
 - b. Testing Rooms with cameras would be useful.

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees

Attending:	Representing:	Telephone:	E-Mail:
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Robert Prendergast	University at Albany	518-442-5501	rprendergast@uamail.albany.edu
Paul Knell	WTW Architects	412-321-0550	pknell@wtwarch.com
John Danko	WTW Architects	412-321-0550	jdanko@wtwarch.com

Meeting Location:

1. Terrace Lounge

General Discussion

1. IT
 - a. There is possible swing space for Student Services (Financial Aid) in Lecture Center space where Data Center is located.
 - b. Kiosks have been added to Lecture Center Concourse. Similar Kiosks are recommended for Campus Center.
 - c. Space for A/V presentation practice would be useful in Campus Center.
 - d. The campus could easily use an additional 500 computers on campus for students.
 - e. Wi-Fi exists throughout Campus Center building.
2. Science Library
 - a. Librarians have taken over maintenance of the garden.
 - b. Garden area is shared with Campus Center.
 - c. There is a tree dedicated to a late librarian.
 - d. There is entry available directly through Campus Center Extension and the Podium Level of the Campus Center Extension.
 - e. Information Commons – Large room with desktop computers and printers for student use -- Similar space is recommended for Campus Center
 - 1) Space for Group Study would be good – often see groups of 2-4 students gathered around a desktop.
 - 2) Student Tech Help (Help Desk workers on site)
 - 3) Students do not carry around laptops unless absolutely necessary.
 - f. Study Areas would be better in an area with access to food and toilets, open late night, and can separated from the rest of the building for late night studying. This is too difficult / expensive for Library to perform this function.
3. Performing Arts
 - a. Space for rehearsals for student clubs
 - b. The Campus Center should have its own 450 tiered seating theater for movies and small performances. The Performing Arts facilities will not allow food and drink.
 - c. Performing Arts has a staff of four running programs and has no ability to program space in Campus Center.
 - d. There are approximately twenty to thirty student groups that have some performance aspect to it.
 - e. There are 260 events per year in the Recital Hall (seats 230)
 - f. The main theater seats 490.
 - g. Page Hall in the downtown campus seats 830
 - h. The ballroom is not well suited for performances, movies or music.
4. Miscellaneous Comments
 - a. Campus Center needs Conference Center
 - b. A large gaming area with flat screen tv's, viewing areas, and multiple stations would be popular and heavily used.

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees
R. Prendergast

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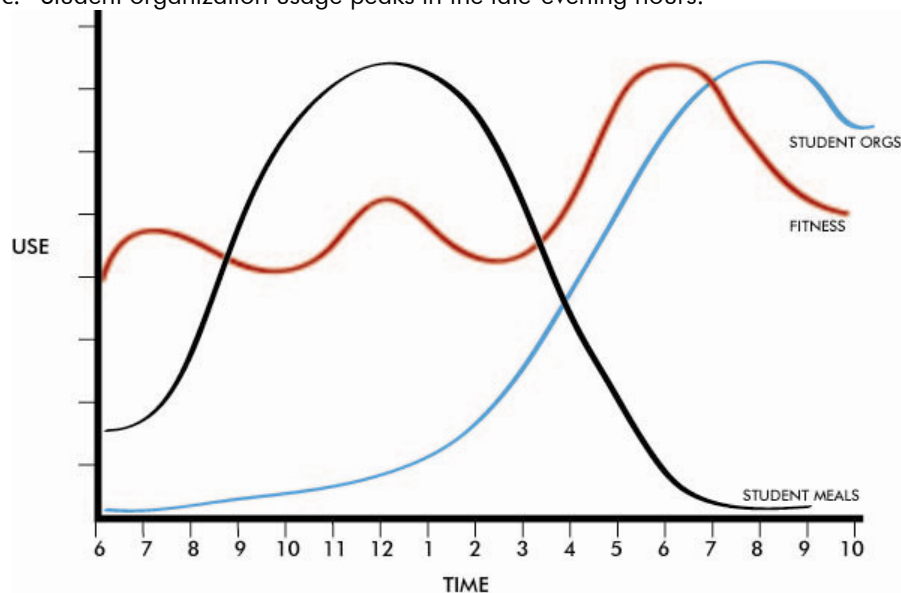
Attending:	Telephone:	Representing:	E-Mail:
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Karen Kettlewell	University at Albany	518-442-5958	kkettlewell@uamail.albany.edu
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Daniel Truchan	Student President		pres@albany.edu
Errol Millington	University at Albany	518-442-3400	emillington@uamail.albany.edu
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Paul Knell	WTW Architects	412-321-0550	pknell@wtwarch.com
John Danko	WTW Architects	412-321-0550	jdanko@wtwarch.com

Meeting Location:

1. Terrace Lounge

General Discussion

1. Amenities Requested in Campus Center:
 - a. Performance Theater
 - b. Health and Wellness
 - c. Rehearsal Space
 - d. Health & Wellness (incl. Middle Earth)
 - e. Meeting Rooms (need more LARGER rooms – for thirty to sixty people)
 - f. Space similar to Catscellar at the University of Cincinnati (pool tables, performance space)
 - g. Recreation Center (5000 s.f.)
 - h. Conferencing / Meeting Center
 - i. Performance / Multiuse theater (450 person)
 - j. Information Commons (20 – 30 people with small group study rooms 4-6 people) and Information Kiosks
2. Peak Use Diagram (for typical Campus Center)
 - a. Mealtime usage by students peaks at noon.
 - b. Fitness components have intermediate highs at morning and mid-day with a peak in the after-dinner and early evening hours.
 - c. Student organization usage peaks in the late-evening hours.



3. The hours of operation for the building are:
 - a. Monday through Thursday – 7:00 am to 1:00 am
 - b. Friday – 7:00 am to Midnight or 2:00 am depending on programming
 - c. Saturday – 9:00 am to Midnight or 2:00am depending on programming
 - d. Sunday – 10:00 am to 10:00 pm
4. Miscellaneous Comments
 - a. Large events in the ballroom are remote enough that they do not adversely affect the remainder of building.
 - b. Barnes and Noble could be housed in separate building adjacent to Campus Center.
 - c. Patrons pays a valuable role – make it better.
 - d. User groups confirmed WTW circulation diagrams which showed:
 - 1) Most students enter from bus drop-off area during morning hours.
 - 2) Most students enter from Podium at lunchtime.
 - 3) Students filter through various entrances during afternoon and evening hours.
 - e. Dining would like to see Marche concept.
 - f. Need to define the LIVING ROOM of campus.
5. Errol Comments:
 - a. Consider phasing and surge space.
 - b. Consider creatively using shared resources (many spaces should be able to function in many different ways).
 - c. Storage
 - d. Indoor / Outdoor spaces and relationships
 - e. Convenience Store
 - f. More nighttime activity
6. Action Items:
 - a. WTW will submit a first draft of a program. This will include all “wish list” items and be formatted in such a way as to evaluate
 - b. WTW needs more input from:
 - 1) STUDENTS
 - 2) Bookstore
 - 3) Student Services

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees
Glenn DiPichardo
John Murphy
Randy Olocki

CAMPUS CENTER ALTERATIONS & ADDITIONS
University at Albany
WTW #70-7138

Summary Meeting Report #2
November 12, 2008
Page 1 of 1

Attending:	Representing:	Telephone:	E-Mail:
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Paul Knell	WTW Architects	412-321-0550	pknell@wtwarch.com
John Danko	WTW Architects	412-321-0550	jdanko@wtwarch.com

Meeting Location:

1. Third Floor Large Conference Room #325

General Discussion

1. Next Trip
 - a. Meet with the Bookstore and Barnes & Noble.
 - b. It is important to get student feedback in next couple trips. We will meet with student government on December 2, 7:00 to 9:00 pm.
 - c. Meet with Bursar, Financial Aid.
 - d. Meet with the Steering Committee at the end.
2. Information request
 - a. Basement Level of Campus Center Extension in .dwg format
 - b. Site Plan in .dwg format showing topography and utilities
 - c. Hazardous Material Report
 - d. Floor plans of current Middle Earth space
 - e. 3-D model of campus (when available) WTW works in both sketch-up and revit.
3. Action Items:
 - a. WTW will arrange to be on campus December 2 and 3.

Next Meeting:

Wednesday, December 3, 2008

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees

Attending:	Representing:	Telephone:	E-Mail:
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John Danko	WTW Architects	412-321-0550	jdanko@wtwarch.com

Meeting Location:

1. Terrace Lounge

General Discussion

1. Current Conditions:
 - a. Indian and State are freshman quads.
 - b. Dutch and Colonial are upperclass quads.
 - c. Zep's kitchen has large deliveries in tunnels.
 - d. Catering is prepared in main kitchen and shipped upstairs or out the east doors.
 - e. Serving equipment and Inens for catering is stored on Second Floor.
 - f. Patroon Room seats sixty. Private dining seats an additional twenty plus and is booked daily.
 - g. Size of Patroon Room is adequate.
 - h. One large kitchen serves cafeteria, catering and Food Court which is problematic.
2. Requested Improvements:
 - a. Provide more of a diner or restaurant motif in Campus Center cafeteria.
 - b. Possibly take Kosher Kitchen out of Dutch Quad and put into Food Court of Campus Center.
 - 1) Requires two kitchens (dairy and meat).
 - 2) Many students are from New York.
 - 3) Perception is that Kosher is higher quality.
 - c. Need additional smaller kitchen at Food Court area.
 - d. Need more organic and healthy choices.
 - e. Patroon Room:
 - 1) Would prefer to have two private dining rooms of twenty-five to combine into one large room of fifty.
 - 2) Patroon Room is possibly too remote. (maybe on Podium Level?)
 - 3) Could take a form similar to Apple Pie Bakery at CIA (Culinary Institute of America) or Panera Bread.
 - f. Back-of House needs help. Storage and food prep are inadequate.

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

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John Danko	WTW Architects	412-321-0550	jdanko@wtwarch.com

Meeting Location:

1. Campus Center, Room 364

General Discussion

1. Middle Earth has national recognition.
2. Christine Bouchard is strong advocate for Wellness Center.
3. Middle Earth has a health and wellness focus for students.
4. Middle Earth is a candidate for early phase of renovation.
5. It was recommended Middle Earth be located in Campus Center.
 - a. Private donor corporation is interested in moving Middle Earth to Campus Center.
 - b. Would like to be on Main Street.
 - c. Services at high traffic location would be good to help get students over to Patroon Creek.
 - d. Privacy can be an issue.
 - e. Will need some twenty-four hour access. Radio station is only space with that type of access now.
6. Middle Earth is a counseling center with a large prevention, education arm.
 - a. Hotline Room is living room concept. Students sleep on couches.
 - b. Hotline Room needs shower facilities (unisex o.k.) and access to kitchenette.
 - c. Peer advisors are eighteen to twenty year olds and eat all the time.
 - d. Needs internet and cable TV access.
 - e. People come in who are stressed.
 - f. Program is mostly focused on education.
 - g. Victims are encouraged to come in.
 - h. Some crisis counseling work is performed here.
 - i. Peer counselors get nervous when there is no professional staff present.
 - j. Program is currently located in Building Twenty-five.
7. Middle Earth Space Needs
 - a. Hotline Room (350 s.f.)
 - b. Training Room (300 s.f.)
 - c. Director Office (200 s.f.)
 - d. Four Offices (160 s.f. ea.)
 - e. Storage A (220 s.f.)
 - f. Storage B (110 s.f.)
 - g. Storage C (110 s.f.)
8. Project SHAPE (Sexual Health and Peer Education)
 - a. Project Shape includes sex education, HIV / AIDS, smoking, nutrition, addictive behavior.
 - b. Alcohol and drug prevention
 - c. Sexual Assault Center
 - d. Health promotion, mostly
 - e. Space needs: One director office (120-150s.f.), working space for students, currently use Middle Earth training room. Middle Earth and Project SHAPE combined could use six workstations to share.
9. Sexual Assault Research Center

- a. Space Needs: One director office (120-150 s.f.)
 - b. Director needs privacy.
 - c. Expect to grow peer helpers.
10. Training Room
- a. One-way mirrors with video would be appreciated.
 - b. Role playing activities
 - c. Staff office for supervision
11. Resource Room
- a. Group does its own marketing.
 - b. Printing occurs elsewhere.
 - c. Storage for brochures, t-shirts, giveaways, stress balls, water bottles, projectors, equipment.
12. Reception Area
- a. Material Hand-outs
 - b. TV mounted on wall, run video
13. Kitchennette
- a. Middle Earth would like access to a small kitchennette with sink, small refrigerator, and microwave for food warming.
14. Gender neutral toilet facilities are recommended for transgendered students.
15. Pride Alliance serves gay, lesbian, bisexual and transgendered students.

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees, Paul Knell

Attending:	Representing:	Telephone:	E-Mail:
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Doug Shuck	WTW Architects	412-321-0550	dshuck@wtwarch.com
John Danko	WTW Architects	412-321-0550	jdanko@wtwarch.com

Meeting Location:

1. Campus Center, Assembly Hall

General Discussion

1. R. Prendergast introduced project and fielded funding questions from students.
 - a. This study will be complete by the end of the academic year.
 - b. The state budget cuts in the news recently have nothing to do with this project.
 - c. The state has determined that SUNY at Albany's Campus Center is approximately seventy-five thousand square feet deficient. A project has been funded to correct that deficiency.
 - d. This could be considered a "Legacy" project for current student leaders. Most will graduate before seeing the completion of the project.
 - e. There were concerns about sustainability and "eco-friendly" design. New York requires the project be designed to LEED Silver standards.
 - f. Construction phasing is included as part of this study.
2. WTW presented potential areas of expansion / extensive renovation and showed corresponding slides of the following:
 - a. Theater
 - b. Fitness / Wellness
 - c. Recreation / Interactive Gaming
 - d. Information Commons
 - e. Food Court / Dining Operation
 - f. Patroon Room Dining
 - g. New Specialty Café
 - h. Student Organizations
 - i. Student Services Center
 - j. Existing Ballroom
 - k. Conference / Meeting Rooms
 - l. Bookstore
 - m. Retail
3. Student Comments and Discussion:
 - a. There should be more interaction between student groups. Student organization space should be available all hours of the day and night.
 - b. Theater / Auditorium
 - 1) Similar to Theater in Performing Arts Center with tiered seating, good acoustics, and small stage
 - 2) Controlled by students
 - c. Fitness / Wellness
 - 1) Students expressed support for fitness area
 - 2) Campus Center should not be just a place to come for food.
 - 3) Free weights are available in the quads. There is no space in quads for group classes (aerobics, spinning or fitness).
 - d. One student suggested adding a sun room to the Campus Center.
 - e. Information Commons
 - 1) Email kiosks are important.
 - 2) Less importance was placed on computer area with desktop computers.

- f. Practice Space for performance groups was suggested. A multi-purpose space with a hardwood floor was discussed as a possible solution.
 - g. An improved sound system for the Campus Center was recommended.
 - h. Conference / Meeting Space
 - i. Patroon Room – not used much by students, viewed by students as taking up too much usable space.
 - j. Commuter Lounge – need to enhance space just for commuters to include microwaves, lockers, better lighting.
 - k. Student Services
 - 1) Overwhelming response – students want it to remain in Campus Center.
 - 2) It is a big convenience to have Student Services in Campus Center.
 - 3) If it moves, services should be kept together and near to areas all students frequent.
 - l. Ballroom
 - 1) Size of ballroom is adequate.
 - 2) Ballroom has poor acoustics.
 - 3) Students wanted to be able to host student conferences.
 - m. Dining
 - 1) Need more dining tables at both noon and dinner hours.
 - 2) An informal private dining room adjacent to dining area was deemed to be desirable.
 - n. Food Service
 - 1) Food tastes bad.
 - 2) Need more healthy choices, more sensitivity to common food allergies.
 - 3) Need more kosher foods.
 - 4) Queue lines crash together at lunch and dinner.
 - o. The radio station does not want to move or renovate its space.
 - p. Retail
 - 1) Students have complained that Outtakes is too expensive. They have heard it is because there is not enough storage to buy in bulk, and have suggested providing additional storage for retail.
 - 2) Bookstore is generally perceived by students as too big. They saw no sense in enlarging that space. Some suggested it should be smaller.
 - 3) Space in front of bookstore is underutilized.
 - q. Outdoor space
 - 1) Demonstration on Podium get crowded
 - 2) Need outdoor programmable space
 - 3) Freedom of Speech area is in front of fountain.
 - r. Diversity
 - 1) There should be a place for all cultural groups to be together.
 - 2) Space should reflect diversity of student population.
 - 3) It should foster an environment of inclusivity.
 - 4) Need individual unisex toilet rooms to accommodate transgender students.
 - 5) University at Albany hosts an “Alternative Prom” for gay, lesbian, bisexual and transgender students.
 - s. One student questioned whether a new Campus Center should be built somewhere else. Avoid disruption in current facility and distribute some of the “load” from this campus center to an additional one.
4. Survey:
- a. WTW requested students to fill out the survey form and list priorities from 1 (highest priority) to 13 (lowest priority)
 - b. Students were also requested to write on the back of the survey form the five things they like most about the Campus Center and the five things they like least about the Campus Center.
 - c. Students were encouraged to write-in additional comments to express opinions not addressed by survey.
 - d. Students suggested other ways to gain additional student input. Facebook, Twitter and Blogs were suggested. Radio Station offered to accept call-in comments. Email surveys were deemed inappropriate.

5. Action items:
 - a. WTW will compile results of survey.
 - b. WTW and OCP will facilitate additional student comments via Facebook.

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees, Paul Knell

CAMPUS CENTER ALTERATIONS & ADDITIONS
University at Albany
WTW #70-7138

Town Hall Meeting Report #1
December 2, 2008
Page 1 of 2

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John Danko	WTW Architects	412-321-0550	jdanko@wtwarch.com

Meeting Location:

1. Campus Center, Room 325

General Discussion

1. Students were invited to participate in Town Hall meeting, but none attended.
2. WTW presented potential areas of expansion / extensive renovation and showed corresponding slides of the following. Surveys were distributed and five survey results were tabulated. Below are listed the categories with the average score. A lower score represents higher priority.
 - a. Theater 2.2
 - b. Fitness / Wellness 4.2
 - c. Recreation / Interactive Gaming 2.4
 - d. Information Commons 8.4
 - e. Food Court / Dining Operation 4.6
 - f. Patroon Room Dining 11.2
 - g. New Specialty Café 8.8
 - h. Student Organizations 5.6
 - i. Student Services Center 10.8
 - j. Existing Ballroom 7.2
 - k. Conference / Meeting Rooms 4.4
 - l. Bookstore 10.4
 - m. Retail 11.8
3. Comments and Discussion:
 - a. Theater Space
 - 1) Goal should be to seat four hundred.
 - 2) Seating should be stepped with proscenium.
 - 3) Stage area should hold thirty people in a choral group.
 - 4) Include small backstage area.
 - 5) Could easily schedule twenty-five events per week.
 - b. Fitness Center
 - 1) Need multifunction space appropriate for dance / rehearsal.
 - 2) Need space to store fitness equipment for athletic clubs.
 - 3) Must include lockers and showers.
 - c. Student Government
 - 1) Staff liked the A, B, C concept for student spaces. Large groups would get the A spaces which would be a standard large office; medium sized groups would get the B spaces which would be a standard small office or large workstation and small groups would get C spaces which would be small workstations.
 - 2) Twenty-four hour access is desirable.
 - d. Patroon Room
 - 1) Faculty and staff dining should be a themed dining experience.
 - 2) It should include students.
 - 3) It's on wrong floor, should be on First Floor.
 - e. Performance Specialty Dining

- 1) Include stage in Common Area.
 - 2) Could be similar to Bearcat Lounge at University of Cincinnati (includes pool tables, ping pong).
 - 3) Need a space to better integrate food and programming.
 - 4) Currently food vendors control basement level.
- f. Retail
- 1) Currently: Credit Union, Convenience Store and Bookstore
 - 2) Students may want more interesting choices
 - 3) Seasonal Kiosks or rolling credenzas
 - 4) Could use items for women, cosmetics, etc.
 - 5) Greek paraphernalia could be sold here.
 - 6) Big ticket items would not be purchased here.
 - 7) Bookstore is usually empty.
 - 8) One opportunity for phasing is to get bookstore to leave. It should at least be near Campus Center.
- g. Information Commons
- 1) There is concern about staffing and budget to operate.
 - 2) Computer Labs belong in Library space.
 - 3) Email kiosks would be o.k.
- h. Loading Dock
- 1) Campus Center should have its own loading dock.
 - 2) There is no back door. All doors are front doors.
 - 3) Bus stop transports seven thousand people per day.
 - 4) Could catering move to another kitchen?
 - 5) Storage is inadequate.
- i. Ballroom
- 1) Need more storage.
 - 2) Need improved lighting.
 - 3) Needs new finishes.
 - 4) Need new video screen.

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees, Paul Knell

Attending:	Representing:	Telephone:	E-Mail:
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Meeting Location:

1. Campus Center, Room 364

General Discussion

1. Dixie Botts comments:
 - a. She wants to be in Campus Center.
 - b. She would love to have access to Podium and have signage visible from football field.
 - c. The bookstore would like to have much bigger space, double the size, if possible. She would prefer to add an additional story to her current footprint. There is no concern about being able to staff for two floors. This would give access to the podium and room for additional general reading and additional clothing sales.
 - d. People expect to be able to read at a Barnes & Noble.
 - e. Bookstore would like its own loading dock. ****Most important request****
 - 1) Large employee costs for transporting deliveries through tunnel.
 - 2) Items are often stolen from loading dock while materials are being delivered to storage area.
 - 3) Typically three shipments a day – several per day during busy season.
 - 4) Receiving used to be in back of store and was more functional.
 - f. The Barnes and Noble Design and Construction Department would like to give input to any design concept that may affect the bookstore. There is an opportunity for partnership with Barnes and Noble.
 - g. Typical Academic Superstores include:
 - 1) Café
 - 2) Reading Commons Area
 - 3) Textbooks are minor element
 - 4) General Reading Area
 - 5) More tray books
 - 6) Cosmetics counter
 - 7) Wood Floors
 - h. Increased visibility for bookstore would be beneficial at: Parent's Weekend, Alumni Weekend, open houses, and campus events.
 - i. Bookstore wants increased storage. Storage should not be split into two locations.
 - j. Outside entrance would be useful, though they have one now that is not used.
 - k. The Oklahoma Barnes and Noble looks and operates more like a mall store, and is a possible model store.
 - l. Web business has grown. Need distribution site for web purchases – currently use Lounge Area.
 - 1) Nine hundred web orders per semester a few years ago have grown into fifty-six hundred per semester now.
 - m. Current bookstore office space is adequate. Staff should be on sales floor when possible.
 - n. Sundries (non-food) will be added at intercession (laundry detergent, etc.).
2. Karen Kettlewell comments:
 - a. Other retail areas include banking (credit union), vending, SUNY card, and convenience store.
 - b. The ATM area would be better served as part of an ATM vestibule with outside access during hours when the Campus Center is closed.
 - c. The credit union is used mostly by students and some kitchen staff.
 - d. University Auxiliary Services has temporarily extended the contract with Barnes and Noble pending the outcome of the Campus Center project.

- e. Barnes and Noble has been on campus since 1984.
- 3. Robert Pendergast comments:
 - a. SUNY has determined that the Albany campus is deficient by approximately seventy-five thousand square feet and has set aside funds for an addition.
 - b. There is a large storage room in the basement of the Campus Center Extension, east addition, which might be usable for bookstore storage and/or connection to Science Library loading dock.
 - c. There is a Library masterplan currently underway which may affect availability of the Science Library loading dock and storage areas.
 - d. Science Library plans are not on CAD.
- 4. Action items:
 - a. Dixie will send photos of Academic Superstores.
 - b. WTW will explore feasibility of connection to Science Library loading dock or creation of new loading dock at lower level.
 - c. R. Pendergast will explore political implications of a connection to Science Library loading dock.

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees, Paul Knell

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John Danko	WTW Architects	412-321-0550	jdanko@wtwarch.com

Meeting Location:

1. Campus Center, Room 375

General Discussion

1. Mechanical
 - a. Secondary HVAC systems are at the end of their useful life.
 - b. Utilities (chilled water, hot water) have enough capacity to accomplish the scope of this project.
 - c. Ductwork should be replaced. It is a dual duct system which is inherently inefficient. Also the ductwork itself is leaking a significant amount of air. The ductwork is, however, extremely difficult to replace. It is located in interstitial space between the concrete ceilings and the concrete floor above. It is not impossible to reuse ductwork and work into a VAV box system; however this will limit the reconfiguring of the space and will continue to be inefficient due to the leaking.
 - 1) The ceiling space above the Second Floor feeds both the entire Second Floor and the perimeter of the Third Floor.
 - 2) The ceiling space above the Basement Level feeds both the entire Basement Level and the perimeter of the First Floor.
 - d. The existing penthouse mechanical room currently houses six air handling units. There is sufficient space to accommodate three air handling units anticipated for the fully renovated and enlarged building.
 - e. Sage recommends closing building during renovation to reduce cost of systems upgrades.
 - f. There is fin-tube radiant heating at larger public areas with exterior glazing.
 - g. There are two deficiencies with the equipment in the Campus Center Extension. The filtration should be changed from 30% filters to 85% filters. There is sufficient space to accomplish this. Secondly, the VAV boxes are located above the linear metal ceiling and are difficult to access, and have subsequently not been well maintained.
2. Electrical
 - a. The existing primary switch, transformer and switchboard are very old , but appear to be usable. The transformer and switchboard should be tested. Existing feeders are original and should be tested for reuse. All original panelboards should be replaced. Existing outlets should be replaced.
 - b. In the Campus Center Extension, all of the electrical is up-to-date and can be re-used.
 - c. Most lighting in the Campus Center is old and inefficient.
 - d. Lighting in Column should be changed to T5 lamps and high dispersion acrylic lenses. Saucer Fixtures should be refurbished where they are to be kept for aesthetic reasons.
3. Tele / Data
 - a. The current data and telephone system is in good condition.
4. Plumbing
 - a. Existing piping is copper and in good condition. There will probably be a need for new risers due to the lack of adequate toilet facilities.
5. Site
 - a. Clark Engineering needs some drawings to make adequate assessment. Topography and utilities should be included at a minimum.

6. Structural
 - a. The seismic upgrade to the building code will come into effect in late 2009 to early 2010. This will affect the manner in which we connect to the old building and any additional loads applied to the existing structure.
 - b. Five options for building additions were preliminarily reviewed.
 - 1) Option #1 – Build over the Campus Center Extensions. There was not sufficient information to review; however early indications are that the area was not intended to accept additional floors.
 - 2) Option #2 – Build a physically separate building in adjacent vacant property. This appears to be feasible.
 - 3) Option #3 – Build an addition in front of the Podium level entrance. A two-story addition is not feasible on top of the podium. It may be feasible to provide a curtainwall surround, additional study would be required if this path were pursued.
 - 4) Option #4 – Build an addition surrounding the existing stairs to the podium at each side of the Campus Center. This is not feasible because a portion of the addition would rest on top of the podium.
 - 5) Option #5 – Build an addition to the outside flanks of the Campus Center Extensions. So long as this does not rest on any existing foundations, this option appears to be feasible.
7. Architectural
 - a. The building envelope consists of single glazing which contributes to inefficiency of the HVAC system.
 - b. Many doors are original with original hardware and are in poor condition. Many of the newer doors are inconsistent in their design.
 - c. Interior terrazzo flooring is in good shape with so minor cracking.
 - d. The flared concrete columns are limiting. They limit lighting options, limit access to above ceiling and limit plan configurations.
 - e. There is 9" x 9" floor tile on the Second and Third Floors, indicating the presence of asbestos.
 - f. Finishes in the Campus Center Expansion area are in good condition, with the notable exception of the linear ceiling, which is in poor shape and limits access to VAV boxes.
 - g. There are ADA issues with many of toilet rooms.
 - h. Discharge onto the podium is a code issue, especially if we add to the occupant load.
 - i. The building is unsprinklered. Assembly spaces are required to be sprinklered.
8. Other
 - a. Kitchen exhaust needs to be updated – nowhere near code.
 - b. Need a freight elevator (or at least a hoistway) to access the mechanical penthouse.
9. Action Items
 - a. SUNY will conduct asbestos survey of building over winter break.
 - b. SUNY will get us copy of Lighting Masterplan.

Next Meeting:

1. January, 2008

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

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Meeting Location:

1. Campus Center, Room 375

General Discussion

1. General Discussion
 - a. WTW will provide benchmarking analysis for similar sized institutions.
 - b. WTW should add a column indicating the source of the comment.
 - c. WTW will add a column to the existing program for deficit space (storage space that occurs in circulation areas, for example).
2. Program Discussion
 - a. Dining
 - 1) Consider a Diner / Specialty restaurant. Diner option could feature all night breakfast choices with separate entrance to outside.
 - 2) Need late night alternative for dining.
 - 3) Students come to life at 10:00 – 11:00 p.m.
 - 4) Late night dining needs to be paired with programming to be successful.
 - 5) Mike Jaromin runs Danes after Dark program.
 - 6) Students need late night alternative to bars.
 - 7) Sports Bar concept (non-alcoholic) could work – big televisions, video games.
 - 8) Spending on vending is large, tapers off at Campus Center around 10:30 p.m.
 - 9) Late-night hours at Indian Quad is heavily used. (Freshmen do not have cars).
 - 10) Envision could help with a complete overhaul of meal plans. SUNY card determines how they eat and when.
 - 11) There should only be retail dining here. Cafeteria style dining should disappear once all residence halls are renovated. There is a nutritionist from athletic department that may offer input.
 - 12) Western Kentucky has a sports bar named Big Red which is very successful. It is non-alcoholic. It has named sandwiches, comfortable chairs, video area.
 - 13) Students like the big televisions in Indian at the Commons – watch football on Sunday afternoons.
 - 14) Students were negative regarding Patroon Room. Possible alternative is to have private dining areas open into Marketplace. Close doors for private meeting or open up for general use. Need to find a way to bring faculty in and engage students.
 - 15) If there is a formal restaurant, it should be on First Floor.
 - 16) Indian at the Commons is a dominant room in Campus Center. There is a lot of group study at night, and the televisions have made it a hang-out space.
 - 17) Marche concept is a possibility
 - a) Display cooking
 - b) No queue lines
 - c) One place or individual pay stations
 - d) Tables and display and cooking are interspersed.
 - e) It is all about the atmosphere and experience.

- b. Large Event Space
 - 1) Ballroom needs to be refreshed.
 - 2) Lighting is poor.
 - 3) Students are sensitive to aesthetic of space.
 - 4) Bob will get us Lighting Masterplan.
 - 5) Assembly Hall is more of a meeting room.
 - 6) Assembly Hall has storage in exit way which needs to be programmed.
- c. Conference / Meeting Rooms
- d. Bookstore
- e. Retail
 - 1) Students have expressed desire to pick up packages, similar to a Super UPS store in lieu of a Copies Plus.
 - 2) Copies Plus is student run, sells bus tickets and makes copies.
 - 3) Getting rid of Copies Plus would be good, may need to have a separate ticketing office for buses and campus events.
 - 4) Ticketmaster might be a good fit for retail space?
- f. Theater
 - 1) Four Hundred seat theater is appropriate size.
 - 2) Stage depth should be twenty to twenty-five feet.
 - 3) This would not be a full production stage.
- g. Health and Fitness
 - 1) Middle Earth should be included in building.
 - 2) Provide rehearsal space in fitness (multi-use space also for aerobics classes and dance.
 - 3) Intramurals could also be added to fitness area. They would need one office, waiting area, two workstations and small storage area. Larger equipment would be stored in athletic facility.
- h. Recreation / Game Room
 - 1) Coordinate gaming with sports bar concept.
- i. Lounge Spaces
 - 1) Lounge spaces in current Campus Center are underutilized.
 - 2) WTW will provide a benchmarking analysis to demonstrate acceptable square footage.
 - 3) Lounge spaces should be tied into main street area, see and be seen.
 - 4) Provide group study rooms within larger common area.
 - 5) Student Leader Lounge should be adjacent to student groups.
- j. Student Organizations / Activities
 - 1) Need multicultural spaces
 - 2) Prayer or meditation room
 - 3) Add caged storage to program
 - 4) Radio station does not want to move or renovate.
- k. Administration
 - 1) Students were very supportive to keep Student Services in Campus Center.
 - 2) Student Services should be in one location with shared reception area.
 - 3) Disability Resource Center could become part of Wellness Suite with Middle Earth.
 - 4) Student Activity Suite would be better
- l. Other
 - 1) Add tabling to program. Students feel like they are running the gauntlet when entering. One half of the activity is non-student generated. In past, t-shirts and crafts were sold and it had more of a marketplace feel.
 - 2) Shipping / receiving should be added to program space.
 - a) Receiving for catering is beginning to block handicapped parking spaces.
 - b) It is difficult to get items from outside to the ballroom.
 - c) Trash exits through northeast corner.
 - d) Some Food Service deliveries enter from Bus Stop area.
 - e) On Commencement Weekend, there is a picnic on the Podium for three thousand people. It is very difficult to get items to that level. A new, larger service elevator is recommended.
 - 3) Police area is underused, could even leave the building.

- 4) A bicycle repair shop was briefly considered and deemed inappropriate for this campus.
 - 5) Provide designated area for vending.
 - 6) Fire alarm devices in Campus Center Extension do not trigger alarms in Campus Center. Sage engineering will address.
3. Action Items
- a. WTW will have an initial programming meeting with Student Activities.
 - b. WTW will revise program.

Next Meeting:

1. January, 2008

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
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Meeting Location:

1. Campus Center, Room 375

General Discussion

1. Overview of Town Hall Meeting
 - a. High priorities:
 - 1) Students want to see Student Services in the Campus Center.
 - 2) Students want to see an upgraded Food Court / Dining operation. More kosher and healthy choices were recommended.
 - 3) Student Organization Spaces
 - 4) Commuter Lounge
 - 5) Fitness Center that had facilities for group participation (aerobics classes, spinning classes)
 - b. Low priorities:
 - 1) Students think the current bookstore is oversized and overpriced.
 - 2) Students feel Convenience Store is also oversized and overpriced.
 - 3) Patroon Dining is a low priority for students. They feel it is taking up valuable space that could otherwise be used for students.
 - c. Other
 - 1) Radio Station does not want to move or renovate.
 - 2) Additional comments will be requested through Facebook.
2. General Discussion
 - a. By end of February, we should have an idea of what elements should be included in one million dollars of renovation.
 - b. WTW will provide benchmarking analysis for similar sized institutions.
 - c. WTW should add a column indicating the source of the comment.
3. Program Discussion
 - a. Dining
 - 1) Dining choices are constrained by SUNY card. Envision should make recommendations.
 - 2) Students need an on-campus alternative to bars. Many students take a bus into town to go to bars and clubs.
 - 3) Less than 100 students are on the kosher meal plan.
 - 4) Show two offices at Food Service program.
 - 5) Program should include storage being used in corridors.
 - 6) Students don't want a cafeteria, they want a dining experience.
 - b. Large Event Space
 - 1) Move Fireside Lounge to Lounge Group
 - 2) Benchmarking would be helpful to determine storage required for ballroom / audio-visual.

- c. Conference / Meeting Rooms
 - 1) More flexible furniture
 - 2) More high-tech audio-visual equipment
 - 3) Need more conference space.
 - 4) Students are charged a fee to use conference rooms in Campus Center. There are over one thousand group meetings in classroom buildings per semester.
 - 5) Benchmarking would be useful to determine size and number of meeting rooms.
 - d. Bookstore
 - 1) Students thought the bookstore was too big.
 - 2) The bookstore wants to double in size.
 - 3) John Murphy has had conversations with Barnes and Noble and they are willing to build a freestanding superstore at their expense.
 - 4) Bookstore is an anchor in Campus Center, may not want it to be in separate building.
 - 5) Need benchmarking for bookstore area.
 - 6) Lack of loading dock was significant issue in Bookstore meeting.
 - 7) Barnes and Noble wants to do a concept that provides a retail experience. Some locations have fireplaces, fountains.
 - 8) Barnes and Noble's contract has been extended to the conclusion of this study to effectively implement recommendations.
 - 9) Show an area increase of one third for the bookstore.
 - e. Retail
 - 1) WTW needs to add area for credit union.
 - 2) Retail options were discussed
 - 3) Postal Center may not be appropriate.
 - f. Theater
 - 1) Four hundred seat theater seems appropriate, verify through benchmarking.
 - g. Health and Fitness
 - 1) Program should be adjusted per Middle Earth meeting. Project SHAPE and Sexual Assault Research Center should be added.
 - 2) Fitness Center should have multi-use areas for aerobics, dance, rehearsal space.
 - h. Recreation / Game Room
 - 1) What should it have in addition to Billiards and table tennis?
 - 2) Omit climbing wall from program.
 - i. Lounge Spaces
 - 1) Need more small scale spaces, niches, alcoves.
 - 2) Benchmarking for Lounge space would be useful.
 - j. Student Organizations / Activities
 - 1) The A, B, C concept for student spaces was well received. Large groups would get the A spaces which would be a standard large office; medium sized groups would get the B spaces which would be a standard small office or large workstation and small groups would get C spaces which would be small workstations.
 - 2) Revise program to reflect A, B, C spaces.
 - 3) Students want to be together.
 - k. Administration
4. Action Items:
- a. WTW will provide benchmarking analysis of similar sized institutions.

Next Meeting:

1. January, 2008

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

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Meeting Location:

1. Campus Center, Room 375

General Discussion

1. Option "A"
 - a. Originally discussed as "Saddlebag Scheme", this is initial thinking of people at university.
 - b. Consists of symmetrical addition to both sides of Campus Center extension.
 - c. Need to solve problem of East-West circulation.
 - d. Need to solve problem of too many entries.
2. Option "B"
 - a. Errol thought of this as a very intriguing concept.
 - b. Structurally, will span over the Campus Center Extension.
 - c. Positive feedback regarding enclosing the courtyard.
 - 1) Connections at Garden Level and Level 1.
 - d. Errol wants to see cross section diagram to present to 3-11-09 meetings.
3. Option "C"
 - a. Errol did not like Option "C"
 - 1) Does not respect green space.
 - 2) Does not connect to current Campus Center.
 - 3) Does not respect symmetry of campus.
 - 4) Does not work with Landscape study for future parking and turn-around area.
 - 5) Errol came back with sketch of proposed parking and turn-around.
 - b. WTW should NOT consider Option "C" as fulfilling one of the three schemes required for the report.
4. General Discussion
 - a. Consider all service nodes. Garbage removal as integral to scheme.
 - b. Unisex toilets will be required.
 - c. Diagram circulation for the schemes.

Next Meeting:

1. Undetermined.

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees

CAMPUS CENTER ALTERATIONS & ADDITIONS
University at Albany
WTW #70-7138

Student Services
Meeting Report
March 10, 2009
Page 1 of 4

Attending:

Robert Gibson
Joel B. Davis
Latonia Spencer
Beth Post-Lundquist
Robert Prendergast
Paul Knell
John Danko

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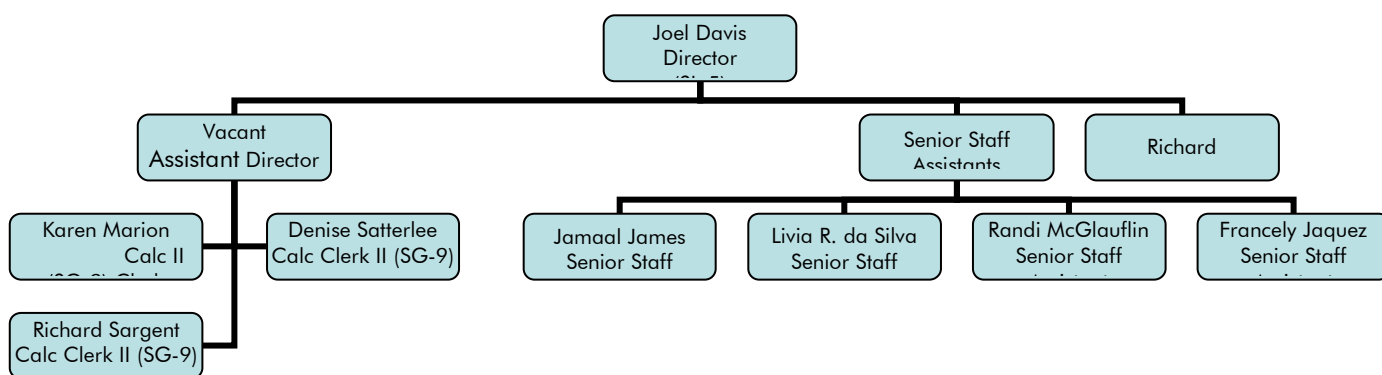
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Meeting Location:

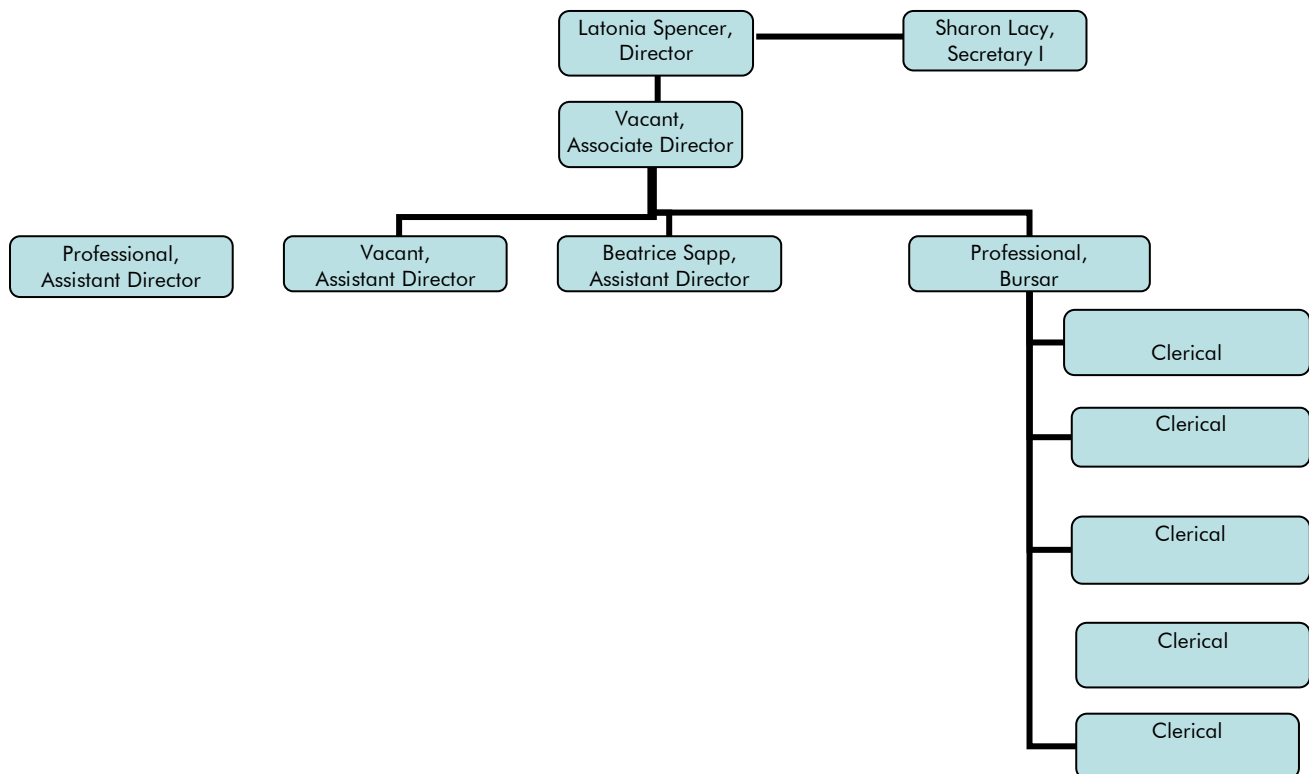
1. Campus Center, Facility Tour

General Discussion

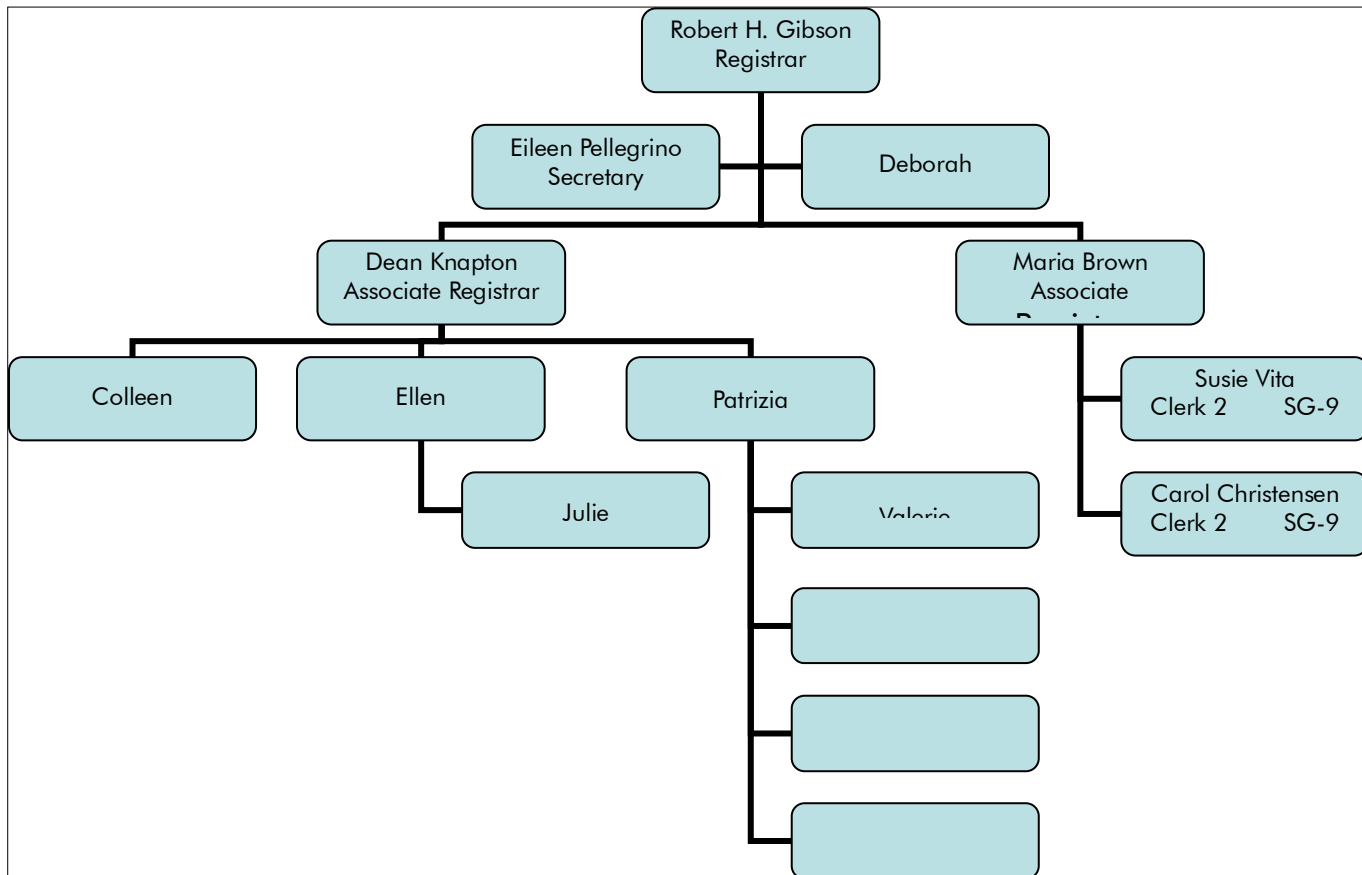
1. General Comments
 - a. Student Services were formerly located in Administration Building.
 - b. Student attitudes improved greatly when moved into Campus Center.
 - c. Location doesn't need to be in Campus Center, but should be central to campus and easy to access for students.
 - d. R. Prendergast discussed that approx. 10,000 S.F. of space is available near the lecture center. That space could be used for swing space or as a final destination space for Student Services.
 - e. These groups should be located adjacent to one another for student "One-Stop-Shop" convenience and experience.
 - f. All groups have congestion problems at main student waiting area (except Registrar).
2. Student Services
 - a. This is the initial point of contact for Financial Aid.
 - b. Students make initial application for Financial Aid here.
 - c. High level of confidentiality / privacy required.
 - d. Student Services submitted an organization chart, a reduced version of which appears below.



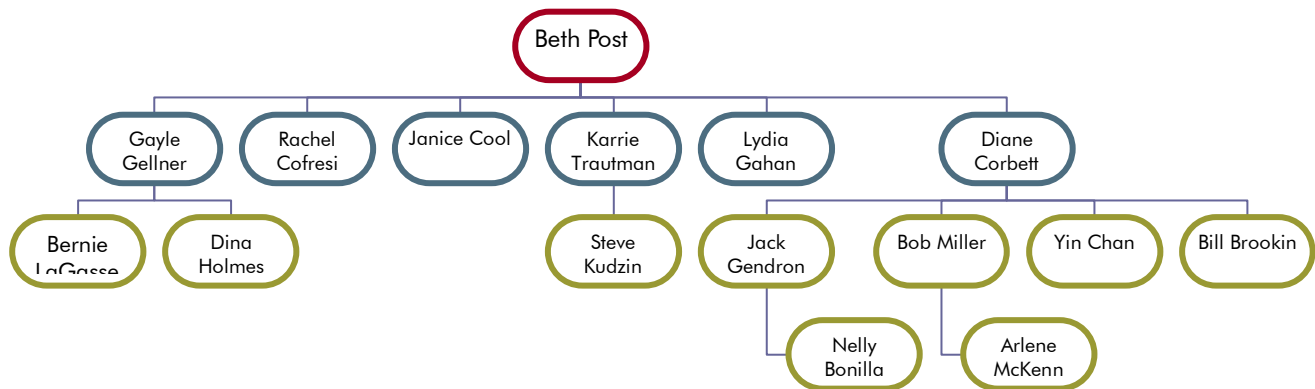
2. Student Accounts
 - a. Billing
 - b. Account Collection
 - c. Bursar
 - d. High level of confidentiality / privacy required.
 - e. Student Accounts submitted an organization chart, a reduced version of which is below.



3. Registrar
- a. Registrar experienced a smooth transition to self-service.
 - b. Most of the interaction with students occurs online.
 - c. This group requires the least contact with other groups.
 - d. Needs more
 - e. Registrar submitted an organization chart, a reduced version of which is below.



4. Financial Aid
 - a. Registrar and Financial Aid will swap spaces shortly.
 - b. Perform duties of processing and notification.
 - c. Financial Aid submitted an organization chart, a reduced version of which is below.



Next Meeting:

1. N/A

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

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Meeting Location:

1. Campus Center, Room 375

General Discussion

1. General Discussion
 - a. Develop phasing plan for schemes.
 - b. Show swing space in next set of plans.
 - c. Phase 1 possible projects discussed were: toilet room upgrades, ballroom lighting, front lobby, trash ingress / egress,
 - d. Areas requiring 24 hour access are: Middle Earth, Radio Station, possibly Information Commons.
 - e. Areas requiring late-night access are: Information Commons and Fitness.
 - f. Staircase to Nowhere needs to be remedied.
2. Program / Benchmarking Discussion
 - a. Group 1: Food Service
 - 1) Patroon Room should remain area for conversation, area for working lunch.
 - 2) Use benchmarking and consider a reduction in total SF of Food Service space for Campus Center.
 - b. Group 2: Large Event Space
 - 1) Ballroom to stay in current location.
 - c. Group 3: Conference / Meeting Space
 - 1) Generally prefer meeting space to occur on Level 1
 - d. Group 4: Bookstore
 - 1) Possibly move a portion to basement of Campus Center Extension
 - 2) Barnes & Noble would like to expand by 50% or more.
 - 3) Barnes & Noble is getting 1 year extension on current contract and will look toward a 10 year contract to follow Report.
 - e. Group 5: Retail
 - 1) C-store to remain
 - 2) Possibly make room for small white-box spaces to rent out.
 - f. Group 6: Auditorium
 - 1) Prefer 400-450 seats
 - 2) Movies, lectures, small plays, performances
 - g. Group 7: Game Room
 - 1) Adjacent to a food concept
 - 2) Possibly in a 24 hour zone

- h. Group 8: Lounge Space
 - 1) Include Lobby Space as program element
 - 2) Commuter Lounge: Lockers, TV, Kitchenette
- i. Group 9: Academic Related
 - 1) Information Commons may be 24 hour
 - 2) Info Commons could be near Science Library, food concepts.
 - 3) Could be open study lounge area ringed by small group study areas.
- j. Group 10: Student Organizations
 - 1) The most active groups on campus are the cultural groups.
 - 2) Need to be located near Student Activities.
- k. Group 11: Administration
 - 1) Add Multicultural Suite by shifting 2,000 SF from Student Organizations / Activities – no net new SF.
 - 2) Multicultural Suite should be more visible, students have pride in diversity.
 - 3) Student Activities Suite should be connected to Student Organizations.
- l. Group 12: Student Services
 - 1) Consider Student Services to be a One-Stop-Shop venue. Registrar can be spun off to separate location.
 - 2) Avoid the SUNY shuffle. Graduate and Undergraduate advising should be adjacent.
- m. Group 13: Fitness / Health / Wellness
 - 1) Dance and performance multi-use spaces can be included here.
 - 2) Benchmarking shows some campuses have significantly more SF than Albany: Millersville has 30,000 SF, IUP has 22,000 SF. There is some equipment in the quads, but not much, mostly free weights.
 - 3) Since the university has converted to Division 1, needs to be more of a separation between Athletics and Fitness.
 - 4) No basketball court area will be considered.
- n. Group 14: Special / Miscellaneous
 - 1) Add: General Storage
 - 2) Add: gender neutral toilets
- 3. Concept Discussion
 - a. Option "A"
 - 1) University likes the idea of placing Patroon Room on Level 1. Should be a themed restaurant, renamed, possibly a sports bar concept.
 - 2) Loading In/Out – Bookstore is minimal.
 - 3) Advantage to this scheme is ease of construction, addition does not interface directly with Edward Durrell Stone façade.
 - 4) Courtyard garden is wasted space from student point of view.
 - b. Option "B"
 - 1) Advantage to this scheme was the large interior atrium space created by enclosing the courtyard.
 - 2) Disadvantage is complicated construction over Campus Center Extension and use of long span structural elements.
 - c. Option "C"
 - 1) Errol reiterated yesterday's comments that this scheme does not fulfill many of the goals of OCP.
 - 2) Separate building doesn't create Living Room. No WOW Factor.
 - 3) All agreed that any new space should be physically connected to Campus Center.

Next Meeting:

1. To be determined.

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
John R. Danko, AIA, LEED AP, Associate

Distribution:

Attendees
Glenn DiPichardo
Daniel Truchan

Attending:	Representing:	Telephone:	E-Mail:
R. Scott Birge	University at Albany	518-442-5490	sbirge@uamail.albany.edu
John Murphy	University at Albany	518-956-8140	jmurphy@uamail.albany.edu
Mike Jaromin	University at Albany	518-442-5566	mjaromin@uamail.albany.edu
Karen Kettlewell	University at Albany	518-442-5958	kkettlewell@uamail.albany.edu
Errol Millington	University at Albany	518-442-3400	emillington@uamail.albany.edu
Jason Lane	University at Albany	518-442-5095	jlane@uamail.albany.edu
Joshua Sussman	University at Albany	518-442-5640	
Dave LaComb, RA	University at Albany	518-437-4454	dlacomb@uamail.albany.edu
Sheila Mahan	University at Albany	518-956-8034	smahan@uamail.albany.edu
Alexandra Roman	University at Albany	315-725-8583	
Melanie Broganza	University at Albany	518-951-5159	
Paul Knell	WTW Architects	412-321-0550	pknell@wtwarch.com

Meeting Location:

1. Campus Center – Room 375

General Discussion

1. PowerPoint Presentation
 - a. Paul Knell presented a PowerPoint Presentation that included several concept options for the project:
 - 1) Option D.3 – Paired expansions east and west.
 - 2) Option E.8 – Central expansion enclosing 2/3 of the courtyard without level 1 connections.
 - 3) Option E.7 – Central expansion enclosing the courtyard with level 1 connections (1 wing completed in Phase II).
 - 4) Option E.4 – Central expansion enclosing the courtyard with level 1 connections (2 wings completed in Phase II).
 - b. Cost model budgets and potential phasing scenarios were discussed for each option.
2. Program Summary
 - a. Paul Knell provided a copy of the program summary with a comparison of each design option to the desired target program.
 - b. There was some discussion as to whether the proposed theater should be reduced or eliminated in favor of other potentially higher priorities such as meeting space or the fitness center. There were several strong advocates for keeping the 400-450 seat theater.
3. Food Service Improvements
 - a. The design options do not include the recent recommendation from the food service consultant (Rob White), that the Au Bon Pan/Zepps/Subs/Sushi operations be relocated to the space currently used for the Indian at the Commons program. The space vacated by Au Bon Pan/Zepps/Subs/Sushi could become a game room with pool, ping pong, and digital gaming and (with pizza and coffee available nearby) this gaming area could become an attractive late-night type of operation. Eric Smith and others were supportive of this idea.
4. Outcome
 - a. After discussion, the committee expressed a preference for Option E.7 with the larger atrium that connects directly to the Science Library. However, this concept is well above the budget of \$30 million for Phase II of the project.

Next Meeting:

1. July 2009

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
Paul F. Knell, AIA, Senior Principal

Distribution:

Attendees
John Danko

Attending:	Representing:	Telephone:	E-Mail:
Steven Beditz	University at Albany	518-956-8120	sbeditz@uamail.albany.edu
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Paul Knell	WTW Architects	412-321-0550	pknell@wtwarch.com

Meeting Location:

1. Campus Center – Room 375

General Discussion

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 - a. Paul Knell presented a PowerPoint Presentation that included several concept options for the project:
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 - 4) Option E.4 – Central expansion enclosing the courtyard with level 1 connections (2 wings completed in Phase II).
 - b. Cost model budgets and potential phasing scenarios were presented for each option.
2. Alternative Phasing
 - a. Paul Knell presented the following alternative phasing plan that incorporated the new addition as 'swing' space:
 - 1) Phase 1 – Renovate main lobby.
 - 2) Phase 2A – Build unfinished shell and enclose atrium.
 - 3) Phase 2B – Vacate and renovate west wing, then reoccupy.
 - 4) Phase 2C – Vacate and renovate east wing, then reoccupy.
 - 5) Phase 2D – Build new dock, basement bookstore, theater, and level 1 fitness area.
 - 6) Phase 2E – Build garden level bookstore and fitness center.
 - 7) Phase 2F – Build new outlets adjacent to main kitchen.
3. University Decisions – The Next Steps
 - a. The following direction is needed from the University:
 - 1) Program re-evaluation – based on the probable cost models and the proposed scope of the project, the program priorities should be re-evaluated and confirmed.
 - 2) Proposed Phase II budget – the University should determine if the Phase II budget will be adjusted.
 - 3) Design Concept – the University should determine a preferred design concept from the several option presented by WTW.
 - 4) Project Phasing – the University should determine a time line for project funding and subsequently a preference for project phasing that aligns with the project budget.
 - 5) The Steering Committee expects to meet next week to review and discuss these issues.
4. WTW Follow-up
 - a. WTW will:
 - 1) Forward information from Rob White (food service consultant) regarding the relocation of four island outlets to a new location adjacent to the main kitchen.
 - 2) Develop an adjacent diagram and updated data sheets for the student organizations suite and the union management suite.

Next Meeting:

1. July 2009

We are proceeding in accordance with the information stated above. Please notify WTW, in writing, if there are any corrections or additions to this report.

Prepared by:

WTW ARCHITECTS
Paul F. Knell, AIA, Senior Principal

Distribution:

Attendees
John Danko

Cost Comparison Data Sheet

State University of New York at Albany

Campus Center

	University of Nevada - Reno	University of Akron	University of Vermont	Glenville State University	Trinity International University	Louisiana State University
Year Bid	2006	2001	2005	2004	2007	2006
Enrollment	16,000	23,539	10,797	1,600	2,855	32,000
Size of Facility (SF)	168,000	198,000	221,061	54,000	40,939	New/Renov. - 165,103 Unrenov. - 98,178
Construction	New	New	New	Addition/Renov.	Addition/Renov.	Addition/Renov.
SF per Student	10.50	8.41	20.47	33.75	14.34	5.16
Sitework	\$2,713,010	\$4,238,805	\$6,411,487	577,698	547,621	\$2,821,169
01 General Conditions	\$4,997,693	\$6,338,658	\$11,994,688	\$605,251	\$549,680	\$3,087,802
02 Sitework	Above	Above	Above	Above	Above	Above
03 Concrete	\$4,176,174	\$2,373,500	\$4,170,680	\$170,489	\$249,508	\$526,370
04 Masonry	\$1,807,453	\$1,868,000	\$2,240,874	\$282,964	\$392,160	\$1,049,248
05 Steel	\$5,689,705	\$1,709,100	\$5,170,781	\$905,096	\$683,032	\$1,203,601
06 Carpentry	\$995,389	\$6,965,732	\$1,370,223	\$252,486	\$275,894	\$356,514
07 Thermal/Moisture	\$3,090,326	\$586,529	\$3,804,693	\$434,120	\$669,030	\$547,050
08 Doors & Windows	\$1,673,210	\$1,276,200	\$2,548,100	\$478,090	\$779,702	\$2,422,080
09 Finishes	\$9,051,882	\$7,175,302	\$6,147,352	\$791,397	\$986,318	\$4,062,233
10 Specialties	\$265,963	\$0	\$372,404	\$62,499	\$294,078	\$386,208
11 Equipment	\$88,832	\$0	\$957,305	\$10,265	\$0	\$3,480
12 Furnishings	\$150,696	\$2,139,099	\$74,944	\$38,360	\$37,010	\$49,920
13 Special Construction	\$0	\$462,200	\$60,000	\$0	\$0	\$0
14 Conveying	\$402,614	\$332,910	\$642,168	\$51,000	\$75,000	\$240,000
15 Mechanical	\$6,252,117	\$5,528,901	\$11,255,862	\$1,784,000	\$1,259,336	\$5,783,150
16 Electrical	\$4,182,936	\$3,238,254	\$6,269,141	\$1,380,035	\$625,582	\$5,148,321
Building Cost without site:	\$42,824,990	\$39,994,385	\$57,079,215	\$7,246,052	\$6,876,330	\$24,865,977
Building Cost/SF:	\$254.91	\$201.99	\$258.21	\$134.19	\$167.97	\$150.61
Food Service Equipment:	\$500,000	\$1,044,130	\$1,678,833	\$372,000	\$1,225,000	\$0
with Food Service Equipment:	\$46,038,000 ¹	\$45,277,320	\$65,169,535	\$8,195,750	\$8,648,951	\$27,687,146
Escalation Factor:	1.08	1.40 ¹	1.15 ¹	1.22 ¹	1.05 ¹	1.08 ¹
Regional Adjustment	0.97	0.99 ²	1.14 ²	1.00 ²	0.85 ²	1.16 ²
Escalation to January 2008:	\$49,721,040	\$63,388,248	\$74,944,965	\$9,998,815	\$9,081,399	\$29,902,118
Regional Adjustment:	\$48,229,409	\$62,754,366	\$85,437,260	\$9,998,815	\$7,719,189	\$34,686,457
Comparable Cost/SF:	\$287.08	\$316.94	\$386.49	\$185.16	\$188.55	\$210.09

1. Escalation Pricing Index per 2007 Edition of RS Means Building Construction Cost Data plus 5% increase for 2008.

2. Regional Pricing Index per 2007 Edition of RS Means Building Construction Cost Data.

Cost Comparison Data Sheet

State University of New York at Albany
Campus Center

Project Name: University of Nevada - Reno
Location: Reno, NV
Delivery Method: Design-Bid-Build
Year Bid: 2006
Construction: New
New Sq. Ft: 168,000
Renov. Sq. Ft: 0
Total Sq. Ft: 168,000

CONSTRUCTION DIVISIONS		Subtotal	Cost/SF	%/Total
01	General Conditions	\$4,997,693	\$29.75	10.97%
02	Sitework	\$2,713,010	\$16.15	5.96% ³
03	Concrete	\$4,176,174	\$24.86	9.17%
04	Masonry	\$1,807,453	\$10.76	3.97%
05	Steel	\$5,689,705	\$33.87	12.49%
06	Carpentry	\$995,389	\$5.92	2.19%
07	Thermal/Moisture	\$3,090,326	\$18.39	6.79%
08	Doors & Windows	\$1,673,210	\$9.96	3.67%
09	Finishes	\$9,051,882	\$53.88	19.88% ^{1,2}
10	Specialties	\$265,963	\$1.58	0.58%
11	Equipment	\$88,832	\$0.53	0.20%
12	Furnishings	\$150,696	\$0.90	0.33%
13	Special Const.	\$0	\$0.00	0.00%
14	Conveying	\$402,614	\$2.40	0.88%
15	Mechanical	\$6,252,117	\$37.21	13.73%
16	Electrical	\$4,182,936	\$24.90	9.19%

TOTAL \$45,538,000 \$271.06 100.00%

Food Service Equip.: **\$500,000 \$2.98** ¹
Total w/ Food Service Equip.: **\$46,038,000 \$274.04** ²

Escalation to January 2008 (1.08): **\$49,721,040 \$274.04** ⁴
Regional Adjustment (.97): **\$48,229,409 \$287.08** ⁵

Notes:

1. Includes food service equip. for catering only. (3,600 sf) Does not include Food Service Equipment or fit-out at tenant areas. (8,800 sf)
2. Does not include Bookstore fit-out (23,500 sf)
3. Bulk excavation was done by separate contract.
4. Escalation Pricing Index per 2007 Edition of RS Means Building Construction Cost Data plus 5% increase for 2008.
5. Regional Pricing Index per 2007 Edition of RS Means Building Construction Cost Data.



Cost Comparison Data Sheet

State University of New York at Albany
Campus Center

Project Name: University of Akron
Location: Akron, OH
Delivery Method: Design-Bid-Build
Year Bid: 2001

Construction: New

New Sq. Ft: 198,000

Renov. Sq. Ft: 0

Total Sq. Ft: 198,000

CONSTRUCTION DIVISIONS		Subtotal	Cost/SF	%/Total
01	General Conditions	\$6,338,658	\$32.01	14.33% ^{1,2}
02	Sitework	\$4,238,805	\$21.41	9.58%
03	Concrete	\$2,373,500	\$11.99	5.37%
04	Masonry	\$1,868,000	\$9.43	4.22%
05	Steel	\$1,709,100	\$8.63	3.86%
06	Carpentry	\$6,965,732	\$35.18	15.75%
07	Thermal/Moisture	\$586,529	\$2.96	1.33%
08	Doors & Windows	\$1,276,200	\$6.45	2.89%
09	Finishes	\$7,175,302	\$36.24	16.22%
10	Specialties	\$0	\$0.00	0.00%
11	Equipment	\$0	\$0.00	0.00%
12	Furnishings	\$2,139,099	\$10.80	4.84% ³
13	Special Const.	\$462,200	\$2.33	1.04%
14	Conveying	\$332,910	\$1.68	0.75%
15	Mechanical/Plumbing/F.P.	\$5,528,901	\$27.92	12.50%
16	Electrical/Data	\$3,238,254	\$16.35	7.32%

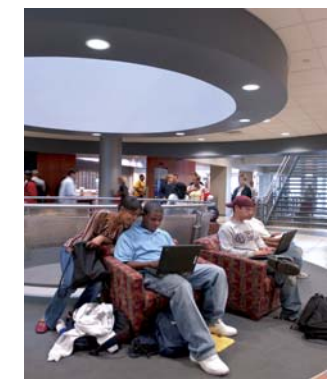
TOTAL \$44,233,190 \$223.40 100.00%

Food Service Equip.: **\$1,044,130 \$5.27**
Total w/ Food Service Equip.: **\$45,277,320 \$228.67**

Escalation to January 2008 (1.40): **\$63,388,248 \$320.14** ⁴
Regional Adjustment (.99): **\$62,754,366 \$316.94** ⁵

Notes:

- Includes \$1,645,200 for CM Fees.
- Includes 26,136 for asbestos removal.
- Includes \$26,595 for site furniture.
- Escalation Pricing Index per 2007 Edition of RS Means Building Construction Cost Data plus 5% increase for 2008.
- Escalation Pricing Index per 2007 Edition of RS Means Building Construction Cost Data.



Cost Comparison Data Sheet

State University of New York at Albany
Campus Center

Project Name: University of Vermont
Location: Burlington, VT
Delivery Method; Construction Manager
Year Bid: 2005
Construction: New
New Sq. Ft: 221,061
Renov. Sq. Ft: 0
Total Sq. Ft: 221,061

CONSTRUCTION DIVISIONS		Subtotal	Cost/SF	%/Total
01	General Conditions	\$11,994,688	\$54.26	18.89%
02	Sitework	\$6,411,487	\$29.00	10.10% ²
03	Concrete	\$4,170,680	\$18.87	6.57%
04	Masonry	\$2,240,874	\$10.14	3.53%
05	Steel	\$5,170,781	\$23.39	8.14%
06	Carpentry	\$1,370,223	\$6.20	2.16%
07	Thermal/Moisture	\$3,804,693	\$17.21	5.99%
08	Doors & Windows	\$2,548,100	\$11.53	4.01%
09	Finishes	\$6,147,352	\$27.81	9.68%
10	Specialties	\$372,404	\$1.68	0.59%
11	Equipment	\$957,305	\$4.33	1.51% ¹
12	Furnishings	\$74,944	\$0.34	0.12%
13	Special Const.	\$60,000	\$0.27	0.09%
14	Conveying	\$642,168	\$2.90	1.01%
15	Mechanical	\$11,255,862	\$50.92	17.73%
16	Electrical	\$6,269,141	\$28.36	9.87%

TOTAL **\$63,490,702** **\$287.21** **100.00%**

Food Service Equip.: **\$1,678,883** **\$7.59**
Total w/ Food Service Equip.: **\$65,169,585** **\$294.80**

Escalation to January 2008 (1.15): **\$74,945,023** **\$339.02** ³
Regional Adjustment (1.14): **\$85,437,326** **\$386.49** ⁴

Notes:

- Includes 18,890 SF underground loading dock and receiving area.
- Includes 35,256 SF Performing Arts Center
- 1. Does not include \$1,678,883 of food service equipment
- 2. Includes minor selective demolition and relocation of two existing buildings.
- 3. Escalation Pricing Index per 2007 Edition of RS Means Building Construction Cost Data plus 5% increase for 2008.
- 4. Regional Pricing Index per 2007 Edition of RS Means Building Construction Cost Data.



Cost Comparison Data Sheet

State University of New York at Albany
Campus Center

Project Name: Glenville State University
Location: Glenville, West Virginia
Delivery Method: Design-Bid-Build
Year Bid: 2004

Construction: Renovation

New Sq. Ft: 0

Renov. Sq. Ft: 54,000

Total Sq. Ft: 54,000



CONSTRUCTION DIVISIONS		Subtotal	Cost/SF	%/Total
01	General Conditions	\$605,251	\$11.21	7.74%
02	Sitework	\$577,698	\$10.70	7.38%
03	Concrete	\$170,489	\$3.16	2.18%
04	Masonry	\$282,964	\$5.24	3.62%
05	Steel	\$905,096	\$16.76	11.57%
06	Carpentry	\$252,486	\$4.68	3.23%
07	Thermal/Moisture	\$434,120	\$8.04	5.55%
08	Doors & Windows	\$478,090	\$8.85	6.11%
09	Finishes	\$791,397	\$14.66	10.12%
10	Specialties	\$62,499	\$1.16	0.80%
11	Equipment	\$10,265	\$0.19	0.13%
12	Furnishings	\$38,360	\$0.71	0.49%
13	Special Const.	\$0	\$0.00	0.00%
14	Conveying	\$51,000	\$0.94	0.65%
15	Mechanical	\$1,784,000	\$33.04	22.80%
16	Electrical	\$1,380,035	\$25.56	17.64%

TOTAL **\$7,823,750** **\$144.88** **100.00%**

Food Service Equip.: **\$372,000** **\$6.89**

Total w/ Food Service Equip.: **\$8,195,750** **\$151.77**

Escalation to January 2008 (1.22): **\$9,998,815** **\$185.16**¹

Regional Adjustment (1.00): **\$9,998,815** **\$185.16**²

Notes:

1. Escalation Pricing Index per 2007 Edition of RS Means Building Construction Cost Data plus 5% increase for 2008.

2. Regional Pricing Index per 2007 Edition of RS Means Building Construction Cost Data.

Cost Comparison Data Sheet

State University of New York at Albany
Campus Center

Project Name: Trinity International University

Location: Chicago, IL

Delivery Method: Bid/Build

Year Bid: 2007

Construction: Building Additions and Renovations

New Sq. Ft: 22,639

Renov. Sq. Ft: 18,300

Total Sq. Ft: 40,939

CONSTRUCTION DIVISIONS		Subtotal	Cost/SF	%/Total
01	General Conditions	\$549,680	\$13.43	7.40% ¹
02	Sitework	\$547,621	\$13.38	7.38%
03	Concrete	\$249,508	\$6.09	3.36%
04	Masonry	\$392,160	\$9.58	5.28%
05	Steel	\$683,032	\$16.68	9.20%
06	Carpentry	\$275,894	\$6.74	3.72%
07	Thermal/Moisture	\$669,030	\$16.34	9.01%
08	Doors & Windows	\$779,702	\$19.05	10.50%
09	Finishes	\$986,318	\$24.09	13.29%
10	Specialties	\$294,078	\$7.18	3.96%
11	Equipment	\$0	\$0.00	0.00% ²
12	Furnishings	\$37,010	\$0.90	0.50%
13	Special Const.	\$0	\$0.00	0.00%
14	Conveying	\$75,000	\$1.83	1.01%
15	Mechanical	\$1,259,336	\$30.76	16.96%
16	Electrical	\$625,582	\$15.28	8.43%

TOTAL \$7,423,950 \$181.34 100.00% ⁵

Food Service Equip.: **\$1,225,000 \$29.92**

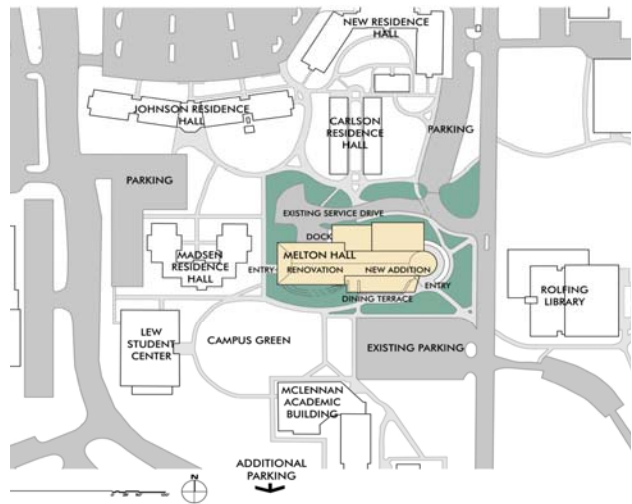
Total w/ Food Service Equip.: **\$8,648,950 \$211.26**

Escalation to January 2008 (1.05): **\$9,081,397 \$221.83 ³**

Regional Adjustment (.85): **\$7,719,188 \$188.55 ⁴**

Notes:

1. Phased construction and renovation.
2. Does not include \$1,225,000 of Food Service Equipment.
3. Escalation Pricing Index per 2007 Edition of RS Means Building Construction Cost Data plus 5% increase for 2008.
4. Regional Pricing Index per 2007 Edition of RS Means Building Construction Cost Data.
5. Total does not include CM Fee



Cost Comparison Data Sheet

State University of New York at Albany
Campus Center

Project Name: Louisiana State University
Location: Baton Rouge, LA
Delivery Method: CM
Year Bid: 2006

Construction: Add/Reno
New Sq. Ft: 45,419
Renov. Sq. Ft: 119,684
Unrenovated Sq. Ft: 93,718
Total Sq. Ft: 258,821

CONSTRUCTION DIVISIONS		Subtotal	Cost/SF	%/Total
01	General Conditions	\$3,087,802	\$18.70	11.15% ¹
02	Sitework	\$2,821,169	\$17.09	10.19%
03	Concrete	\$526,370	\$3.19	1.90%
04	Masonry	\$1,049,248	\$6.36	3.79%
05	Steel	\$1,203,601	\$7.29	4.35%
06	Carpentry	\$356,514	\$2.16	1.29%
07	Thermal/Moisture	\$547,050	\$3.31	1.98%
08	Doors & Windows	\$2,422,080	\$14.67	8.75%
09	Finishes	\$4,062,233	\$24.60	14.67%
10	Specialties	\$386,208	\$2.34	1.39%
11	Equipment	\$3,480	\$0.02	0.01%
12	Furnishings	\$49,920	\$0.30	0.18%
13	Special Const.	\$0	\$0.00	0.00%
14	Conveying	\$240,000	\$1.45	0.87%
15	Mechanical/Plumbing/F.P.	\$5,783,150	\$35.03	20.89%
16	Electrical/Data	\$5,148,321	\$31.18	18.59%

TOTAL **\$27,687,146** **\$167.70** **100.00%**

Food Service Equip.: **\$0** **\$0.00**
Total w/ Food Service Equip.: **\$27,687,146** **\$167.70**

Escalation to January 2008 (1.08): **\$29,902,118** **\$181.11** ²
Regional Adjustment (1.16): **\$34,686,457** **\$210.09** ³

Notes:

1. Includes CM Fees, Construction Contingency, CM Bond, Insurances, etc.
2. Escalation Pricing Index per 2007 Edition of RS Means Building Construction Cost Data plus 5% increase for 2008.
3. Escalation Pricing Index per 2007 Edition of RS Means Building Construction Cost Data.



CC CAMPUS CENTER 0034

Room	Room Usage	Space Type	Space Description	Room nsf	% Room usage	Prorated nsf	capacity	Usage status	% RF	Project Director	Comments
BILLING - 8607910000											
Billing and Account Maintenance 03010											
CC 0026	STU ACCTS WAIT	5051	Administrative Office Serv	885	75	664	0	C	0	none	
CC 0026C	DIR STU ACCTS	5000	Administration Office	173	100	173	1	C	0	none	
CC 0026D	WORK RM	5051	Administrative Office Serv	156	100	156	0	C	0	none	
CC 0026E	BILLING AREA	5051	Administrative Office Serv	861	100	861	0	C	0	none	
CC 0026F	ADMIN OFC	5000	Administration Office	114	100	114	1	C	0	none	
CC 0026G	ADMIN OFC	5000	Administration Office	104	100	104	1	C	0	none	
CC 0026H	CONFERENCE RM	5052	Administrative Conference	127	80	102	12	C	0	none	
CC 0026I	EQUIPMENT RM	5051	Administrative Office Serv	119	100	119	0	C	0	none	
CC 0026J	ADMIN OFC	5000	Administration Office	95	100	95	1	C	0	none	
CC 0026K	STU ACCTS STOR	5051	Administrative Office Serv	161	50	81	0	C	0	none	
CC 0026L	ADMIN OFC	5000	Administration Office	74	100	74	1	C	0	none	
CC 0026N	CIRCULATION SPACE	5051	Administrative Office Serv	1,675	71	1,189	12	C	0	none	
CC 0026N	ADMIN OFC	5000	Administration Office	1,675	29	486	12	C	0	none	
Total NSF/NASF for BILLING in CC						4,217	4,217				

BUSINESS DEVELOPMENT - 9011400000											
Business Development 03019											
CC 0052	SUNY CARD	5000	Administration Office	5,262	29	1,526	25	C	0	none	
CC 0054	SUNY CARD	6004	Merchandising Facility	310	100	310	3	C	0	none	
CC 0055	SUNY CARD	6004	Merchandising Facility	310	100	310	0	C	0	none	
Total NSF/NASF for BUSINESS DEVELOPMENT in CC						2,146	2,146				

CASHIERING - 8607920000											
Bursar 03011											
CC 0026	BURSARS OFC	5051	Administrative Office Serv	885	25	221	0	C	0	none	
CC 0026A	BURSARS TELLERS	5000	Administration Office	276	100	276	5	C	0	none	
CC 0026B	BURSARS OFC	5000	Administration Office	828	100	828	7	C	0	none	
CC 0026Q	WALL SAFE ROOM	5051	Administrative Office Serv	11	100	11	0	C	0	none	
CC 0026P	VAULT	5051	Administrative Office Serv	28	100	28	0	C	0	none	

PSI by Building - subtotaled by department

Room	Room Usage	Space Type	Space Type Description	Room nsf	% Room usage	Prorated nsf	capacity	Usage status	% RF	Project Director	Comments
Total NSF/NASF for CASHIERING in CC											
				833	100	833	0	C	90	Multiple PI's	Dean's Office - Nanosciences 02801
CC 0045	CSNE LAB	2001	Research Facility	833	100	833	0	C	90	Multiple PI's	Dean's Office - Nanosciences 02801
Total NSF/NASF for COLLEGE OF NANOSCALE SCIENCE AND ENGINEERING in CC											
				833		833	833				
COUNSELING - DISABLED STUDENTS - 8605200000											
CC 0110A	ADMIN OFC	5000	Administration Office	200	100	200	2	C	0	none	Disabled Student Services 05013
CC 0137	RECEPTION	5051	Administrative Office Service	400	33	132	2	C	0	none	
CC 0137	SECRETARY	5000	Administration Office	400	67	268	2	C	0	none	
CC 0137A	REHAB OFFICE	5000	Administration Office	120	100	120	0	C	0	none	
CC 0137B	REHAB OFFICE	5000	Administration Office	180	100	180	1	C	0	none	
CC 0137D	STUDENT LIFE	5000	Administration Office	180	100	180	1	C	0	none	
CC 0137E	STUDENT LIFE	5000	Administration Office	180	100	180	1	C	0	none	
Total NSF/NASF for COUNSELING - DISABLED STUDENTS in CC				1,260		1,260	1,260				
CUSTODIAL SERVICES - 8606030000											
CC 0003A	VESTIBULE	7600	Circulation Space	41	100	41	0	C	0	none	Custodial Services 03047
CC 0003B	VESTIBULE	7600	Circulation Space	41	100	41	0	C	0	none	
CC 0008	VESTIBULE	7600	Circulation Space	210	100	210	0	C	0	none	
CC 0011	SERVICE DRIVE	7600	Circulation Space	6,189	39	2,414	0	C	0	none	
CC 0015	VESTIBULE	7600	Circulation Space	180	100	180	0	C	0	none	
CC 0015A	TOILET	7701	Toilet/Shower Facility	100	100	100	2	C	0	none	
CC 0015B	TOILET	7701	Toilet/Shower Facility	100	100	100	2	C	0	none	
CC 0017	CORRIDOR	7600	Circulation Space	256	100	256	0	C	0	none	
CC 0019	JANITORS CLOSET	7500	General Building Services	72	100	72	0	C	0	none	
CC 0020	JAN SUPPLY & STOR	7500	General Building Services	320	100	320	7	C	0	none	
CC 0024	GEN BLDG SRVC	7500	General Building Services	273	100	273	4	C	0	none	
CC 0028A	GEN BLDG SRVC	7500	General Building Services	300	100	300	0	C	0	none	
CC 0042	RECEIVING	7500	General Building Services	1,081	100	1,081	0	C	0	none	
CC 0044A	CORRIDOR	7600	Circulation Space	175	100	175	0	C	0	none	

PSI by Building - subtotaled by department

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Room	Room Usage	Space Type Type Description	Room nsf	% Room usage	Prorated nsf	capacity	Usage status	% RF	Project Director	Comments
CC 0048	CORRIDOR	7600 Circulation Space	343	100	343	0	C	0	none	
CC 0050	CORRIDOR	7600 Circulation Space	135	100	135	0	C	0	none	
CC 0051	VESTIBULE	7600 Circulation Space	400	100	400	0	C	0	none	
CC 0052	CIRCULATION AREA	7600 Circulation Space	5,262	21	1,105	25	C	0	none	
CC 0053	CORRIDOR	7600 Circulation Space	395	100	395	0	C	0	none	
CC 0059	CORRIDOR	7600 Circulation Space	200	100	200	0	C	0	none	
CC 0060	JANITORS CLOSET	7500 General Building Services	12	100	12	0	C	0	none	
CC 0101	ENTRANCE HALL	7600 Circulation Space	1,600	100	1,600	0	C	0	none	
CC 0102	LOBBY	7600 Circulation Space	361	100	361	0	C	0	none	
CC 0104	ENTRY	7600 Circulation Space	60	100	60	0	C	0	none	
CC 0105	JANITORS CLOSET	7500 General Building Services	25	100	25	0	C	0	none	
CC 0106	TOILET	7701 Toilet/Shower Facility	272	100	272	7	C	0	none	
CC 0107	JANITORS CLOSET	7500 General Building Services	24	100	24	0	C	0	none	
CC 0109	CORRIDOR	7600 Circulation Space	76	100	76	0	C	0	none	
CC 0112	LOBBY	7600 Circulation Space	801	100	801	0	C	0	none	
CC 0113	ELEVATOR LOBBY	7600 Circulation Space	90	100	90	0	C	0	none	
CC 0116	CORRIDOR	7600 Circulation Space	853	36	307	0	C	0	none	
CC 0123	VESTIBULE	7600 Circulation Space	400	100	400	0	C	0	none	
CC 0125	INFO LOBBY	7600 Circulation Space	938	100	938	0	C	0	none	
CC 0126	ELEVATOR LOBBY	7600 Circulation Space	90	100	90	0	C	0	none	
CC 0127	CORRIDOR	7600 Circulation Space	290	100	290	0	C	0	none	
CC 0139	JANITORS CLOSET	7500 General Building Services	23	100	23	0	C	0	none	
CC 0142	TOILET	7701 Toilet/Shower Facility	98	100	98	2	C	0	none	
CC 0143	VESTIBULE	7600 Circulation Space	72	100	72	0	C	0	none	
CC 0144	VANITY RM	7701 Toilet/Shower Facility	30	100	30	0	C	0	none	
CC 0145	VESTIBULE	7600 Circulation Space	18	100	18	0	C	0	none	
CC 0147	TOILET	7701 Toilet/Shower Facility	58	100	58	3	C	0	none	
CC 0148	CORRIDOR	7600 Circulation Space	66	100	66	0	C	0	none	
CC 0149	TOILET	7701 Toilet/Shower Facility	327	100	327	6	C	0	none	
CC 0151	VESTIBULE	7600 Circulation Space	45	100	45	0	C	0	none	

Room	Room Usage	Space Type	Space Type Description	Room nsf	% Room usage	Prorated nsf	capacity	Usage status	% RF	Project Director	Comments
CC 0201	LOBBY	7600	Circulation Space	2,471	100	2,471	0	C	0	none	
CC 0204	CORRIDOR	7600	Circulation Space	56	100	56	0	C	0	none	
CC 0205	TOILET	7701	Toilet/Shower Facility	149	100	149	6	C	0	none	
CC 0207	JANITORS CLOSET	7500	General Building Services	28	100	28	0	C	0	none	
CC 0208	VESTIBULE	7600	Circulation Space	36	100	36	0	C	0	none	
CC 0209	TOILET	7701	Toilet/Shower Facility	83	100	83	0	C	0	none	
CC 0213	ALCOVE	7600	Circulation Space	100	100	100	0	C	0	none	
CC 0214	ALCOVE	7600	Circulation Space	100	100	100	0	C	0	none	
CC 0215	ELEVATOR LOBBY	7600	Circulation Space	171	100	171	0	C	0	none	
CC 0216	TOILET	7701	Toilet/Shower Facility	182	100	182	5	C	0	none	
CC 0219	ELEVATOR LOBBY	7600	Circulation Space	90	100	90	0	C	0	none	
CC 0238	JANITORS CLOSET	7500	General Building Services	14	100	14	0	C	0	none	
CC 0239	ENTRY	7600	Circulation Space	45	100	45	0	C	0	none	
CC 0240	CORRIDOR	7600	Circulation Space	133	100	133	0	C	0	none	
CC 0306	CORRIDOR	7600	Circulation Space	216	100	216	0	C	0	none	
CC 0309	CORRIDOR	7600	Circulation Space	303	100	303	0	C	0	none	
CC 0313	JANITORS CLOSET	7500	General Building Services	21	100	21	0	C	0	none	
CC 0314	CORRIDOR	7600	Circulation Space	825	100	825	0	C	0	none	
CC 0336	ELEVATOR LOBBY	7600	Circulation Space	190	100	190	0	C	0	none	
CC 0338	TOILET	7701	Toilet/Shower Facility	90	100	90	3	C	0	none	
CC 0339	VESTIBULE	7600	Circulation Space	28	100	28	0	C	0	none	
CC 0342	CORRIDOR	7600	Circulation Space	612	100	612	0	C	0	none	
CC 0350	ELEVATOR LOBBY	7600	Circulation Space	190	100	190	0	C	0	none	
CC 0351	VESTIBULE	7600	Circulation Space	28	100	28	0	C	0	none	
CC 0352	TOILET	7701	Toilet/Shower Facility	90	100	90	3	C	0	none	
CC 0354	CORRIDOR	7600	Circulation Space	611	100	611	0	C	0	none	
CC 0377	JANITORS CLOSET	7500	General Building Services	33	100	33	0	C	0	none	
CC 0378	CORRIDOR	7600	Circulation Space	210	100	210	0	C	0	none	
CC 10ST1	STAIR 10	7601	Stairs	200	100	200	0	C	0	none	
CC 10ST2	STAIR 10	7601	Stairs	200	100	200	0	C	0	none	

PSI by Building - subtotaled by department

Room	Room Usage	Space Type	Space Type Description	Room nsf	% Room usage	Prorated nsf	capacity	Usage status	% RF	Project Director	Comments
CC 10ST3	STAIR 10	7601	Stairs	200	100	200	0	C	0	none	
CC 10STB	STAIR 10	7601	Stairs	35	100	35	0	C	0	none	
CC 11STB	STAIR 11	7601	Stairs	15	100	15	0	C	0	none	
CC 12STB	STAIR 12	7601	Stairs	60	100	60	0	C	0	none	
CC 13STB	STAIR 13	7601	Stairs	60	100	60	0	C	0	none	
CC 1EL1	ELEVATOR 1	7602	Elevators	48	100	48	0	C	0	none	
CC 1EL2	ELEVATOR 1	7602	Elevators	48	100	48	0	C	0	none	
CC 1EL3	ELEVATOR 1	7602	Elevators	48	100	48	0	C	0	none	
CC 1ELB	ELEVATOR 1	7602	Elevators	48	100	48	0	C	0	none	
CC 1ST1	STAIR 1	7601	Stairs	360	100	360	1	C	0	none	
CC 1STB	STAIR 1	7601	Stairs	399	100	399	0	C	0	none	
CC 2EL1	ELEVATOR 2	7602	Elevators	48	100	48	0	C	0	none	
CC 2EL2	ELEVATOR 2	7602	Elevators	48	100	48	0	C	0	none	
CC 2EL3	ELEVATOR 2	7602	Elevators	48	100	48	0	C	0	none	
CC 2ELB	ELEVATOR 2	7602	Elevators	48	100	48	0	C	0	none	
CC 2ST1	STAIR 2	7601	Stairs	300	100	300	0	C	0	none	
CC 2ST2	STAIR 2	7601	Stairs	150	100	150	0	C	0	none	
CC 2ST3	STAIR 2	7601	Stairs	150	100	150	0	C	0	none	
CC 2STB	STAIR 2	7601	Stairs	40	100	40	0	C	0	none	
CC 3EL1	ELEVATOR 3	7602	Elevators	40	100	40	0	C	0	none	
CC 3EL2	ELEVATOR 3	7602	Elevators	40	100	40	0	C	0	none	
CC 3EL3	ELEVATOR 3	7602	Elevators	40	100	40	0	C	0	none	
CC 3ELB	ELEVATOR 3	7602	Elevators	40	100	40	0	C	0	none	
CC 3ST1	STAIR 3	7601	Stairs	300	100	300	0	C	0	none	
CC 3ST2	STAIR 3	7601	Stairs	150	100	150	0	C	0	none	
CC 3ST3	STAIR 3	7601	Stairs	150	100	150	0	C	0	none	
CC 3STB	STAIR 3	7601	Stairs	40	100	40	0	C	0	none	
CC 4EL1	ELEVATOR 4	7602	Elevators	28	100	28	0	C	0	none	
CC 4EL2	ELEVATOR 4	7602	Elevators	28	100	28	0	C	0	none	
CC 4ELB	ELEVATOR 4	7602	Elevators	28	100	28	0	C	0	none	

PSI by Building - subtotaled by department

Room	Room Usage	Space Type	Space Type Description	Room nsf	% Room usage	Prorated nsf	capacity	Usage status	% RF	Project Director	Comments
CC 4ST1	STAIR 4	7601	Stairs	480	100	480	0	C	0	none	
CC 4ST2	STAIR 4	7601	Stairs	380	100	380	0	C	0	none	
CC 4ST3	STAIR 4	7601	Stairs	380	100	380	0	C	0	none	
CC 4STB	STAIR 4	7601	Stairs	380	100	380	0	C	0	none	
CC 5ST1	STAIR 5	7601	Stairs	480	100	480	0	C	0	none	
CC 5ST2	STAIR 5	7601	Stairs	551	100	551	0	C	0	none	
CC 5ST3	STAIR 5	7601	Stairs	380	100	380	0	C	0	none	
CC 5STB	STAIR 5	7601	Stairs	380	100	380	0	C	0	none	
CC 6ST1	STAIR 6	7601	Stairs	420	100	420	0	C	0	none	
CC 6ST2	STAIR 6	7601	Stairs	420	100	420	0	C	0	none	
CC 7ST1	STAIR 7	7601	Stairs	140	100	140	0	C	0	none	
CC 7ST2	STAIR 7	7601	Stairs	140	100	140	0	C	0	none	
CC 8ST1	STAIR 8	7601	Stairs	140	100	140	0	C	0	none	
CC 8ST2	STAIR 8	7601	Stairs	140	100	140	0	C	0	none	
CC 9ST1	STAIR 9	7601	Stairs	200	100	200	0	C	0	none	
CC 9ST2	STAIR 9	7601	Stairs	200	100	200	0	C	0	none	
CC 9ST3	STAIR 9	7601	Stairs	200	100	200	0	C	0	none	

Total NSF/NSAF for CUSTODIAL SERVICES in CC

30,177

0

EQUIP-BLDG SYS-UTIL DIST SYS - 8606200000

Electrical Shop 03081

CC 0010	ELECTRIC RM	7700	Mechanical Space	80	100	80	0	C	0	none	FOLDING TABLE STORAGE
CC 0018	ELEV MACH RM	7700	Mechanical Space	48	100	48	0	C	0	none	
CC 0027	MECHANICAL RM	7700	Mechanical Space	190	100	190	0	C	0	none	LEAK STEAM CONTROL VAL
CC 0029	ELECTRIC RM	7700	Mechanical Space	624	100	624	0	C	0	none	
CC 0038	MECHANICAL RM	7700	Mechanical Space	380	100	380	0	C	0	none	
CC 0039	ELEV MACH RM	7700	Mechanical Space	124	100	124	0	C	0	none	
CC 0041	STORAGE	7700	Mechanical Space	90	100	90	0	C	0	none	ABANDONED FIRE EX CYL R
CC 0046	MECHANICAL RM	7700	Mechanical Space	806	100	806	0	C	0	none	FILTER STORAGE
CC 0048A	STORAGE	7700	Mechanical Space	73	100	73	0	C	0	none	
CC 0048B	VALVE RM	7700	Mechanical Space	16	100	16	0	C	0	none	

PSI by Building - subtotaled by department

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Room	Room Usage	Space Type	Space Type Description	Room nsf	% Room usage	Prorated nsf	capacity	Usage status	% RF	Project Director	Comments
CC 0057	PLUMBING	7700	Mechanical Space	50	100	50	0	C	0	none	NO ACCESS TO ROOM & HE
CC 0122	STORAGE CLOSET	7700	Mechanical Space	50	100	50	0	C	0	none	
CC 0124	UTILITY CLOSET	7700	Mechanical Space	50	100	50	0	C	0	none	LF-SF-1B; SPOT LIGHT AND L
CC 0203	ELECTRIC CLOSET	7700	Mechanical Space	45	100	45	0	C	0	none	PODIUM STORAGE
CC 0217	ELECTRIC CLOSET	7700	Mechanical Space	50	100	50	0	C	0	none	
CC 0218	ELECTRIC CLOSET	7700	Mechanical Space	50	100	50	0	C	0	none	TRANSFORMER IN WAY OF
CC 0340	ELECTRIC CLOSET	7700	Mechanical Space	10	100	10	0	C	0	none	LP-SF-3(C&D)
CC 0341	ELECTRIC CLOSET	7700	Mechanical Space	50	100	50	0	C	0	none	DOOR DOES NOT LOCK
CC 0401	MECHANICAL RM	7700	Mechanical Space	11,160	100	11,160	0	C	0	none	
Total NSF/NASF for EQUIP-BLDG SYS-UTIL DIST SYS in CC						13,946	0				

FINANCIAL AID - 8605300000

										Financial Aid	05005
CC 0040	STORAGE	5051	Administrative Office Serv	65	100	65	0	C	0	none	
CC 0052	FINANCIAL AID	5000	Administration Office	5,262	44	2,315	25	C	0	none	
CC 0052A	DIRECTOR FIN AID	5000	Administration Office	220	100	220	1	C	0	none	
Total NSF/NASF for FINANCIAL AID in CC						2,600	2,600				

FOOD SERVICE-FSA CONTRACT - 9010500000

										Rental Properties	09008
CC 0001	KITCHEN	6052	Auxiliary Food Facility Servi	2,749	100	2,749	0	C	0	none	
CC 0001A	REFRIGERATOR	6052	Auxiliary Food Facility Servi	63	100	63	0	C	0	none	
CC 0001B	REFRIGERATOR	6052	Auxiliary Food Facility Servi	171	100	171	0	C	0	none	
CC 0001C	FREEZER	6052	Auxiliary Food Facility Servi	80	100	80	0	C	0	none	
CC 0002	SERVING AREA	6052	Auxiliary Food Facility Servi	1,173	100	1,173	0	C	0	none	
CC 0003	CAFE SEATING	6007	Auxiliary Food Facility	6,450	100	6,450	465	C	0	none	
CC 0004	PREP AREA	6052	Auxiliary Food Facility Servi	100	100	100	0	C	0	none	
CC 0005	SODA CYLINDER	6052	Auxiliary Food Facility Servi	24	100	24	0	C	0	none	
CC 0006	CLEANING SUPPLY	6052	Auxiliary Food Facility Servi	25	100	25	0	C	0	none	
CC 0007	DELI CAFE	6007	Auxiliary Food Facility	618	100	618	0	C	0	none	
CC 0012	BURGER KING	6007	Auxiliary Food Facility	385	100	385	0	C	0	none	
CC 0012A	BURGER KING	6007	Auxiliary Food Facility	150	100	150	0	C	0	none	

PSI by Building - subtotaled by department

Room	Room Usage	Space Type	Space Type Description	Room nsf	% Room usage	Prorated nsf	capacity	Usage status	% RF	Project Director	Comments
CC 0012B	BURGER KING	6007	Auxiliary Food Facility	118	100	118	0	C	0	none	
CC 0012C	BURGER KING	6007	Auxiliary Food Facility	389	100	389	0	C	0	none	
CC 0012D	BURGER KING	6052	Auxiliary Food Facility Servi	140	100	140	0	C	0	none	
CC 0012E	BURGER KING	6052	Auxiliary Food Facility Servi	90	100	90	0	C	0	none	
CC 0013	DRY FOOD STOR	6052	Auxiliary Food Facility Servi	195	100	195	0	C	0	none	
CC 0014	OFFICE	5000	Administration Office	230	100	230	1	C	0	none	
CC 0016	BK SEATING	6007	Auxiliary Food Facility	4,244	100	4,244	250	C	0	none	
CC 0028B	FOOD SRVC STOR	6052	Auxiliary Food Facility Servi	767	100	767	0	C	0	none	
CC 0030	MENS RM	7701	Toilet/Shower Facility	55	100	55	2	C	0	none	
CC 0031	WOMENS TOILET	7701	Toilet/Shower Facility	80	100	80	2	C	0	none	
CC 0032	LOCKER RM	7701	Toilet/Shower Facility	119	100	119	0	C	0	none	
CC 0033	CAN WASH AREA	6052	Auxiliary Food Facility Servi	100	100	100	0	C	0	none	
CC 0034	STORAGE	6052	Auxiliary Food Facility Servi	54	100	54	0	C	0	none	
CC 0035	KITCHEN OFC	5000	Administration Office	124	100	124	1	C	0	none	
CC 0036	SECRETARY	5000	Administration Office	167	100	167	1	C	0	none	
CC 0037	PASSAGE	6052	Auxiliary Food Facility Servi	270	100	270	0	C	0	none	
CC 0043	RECEIVING	6004	Merchandising Facility	390	100	390	0	C	0	none	
CC 0044	BOOKSTORE STOR	6004	Merchandising Facility	780	100	780	0	C	0	none	
CC 0058	DISHWASHG RM	6052	Auxiliary Food Facility Servi	585	100	585	0	C	0	none	
CC 0103	VENDING	6004	Merchandising Facility	3,700	20	740	53	C	0	none	
CC 0220	BAR	6007	Auxiliary Food Facility	80	100	80	10	C	0	none	
CC 0220A	STORAGE	6052	Auxiliary Food Facility Servi	100	100	100	0	C	0	none	
CC 0220B	ENTRY	6052	Auxiliary Food Facility Servi	20	100	20	0	C	0	none	
CC 0221	STORAGE	6052	Auxiliary Food Facility Servi	25	100	25	0	C	0	none	
CC 0222A	DINING-CONF RM	6007	Auxiliary Food Facility	390	100	390	40	C	0	none	
CC 0222B	DINING-CONF RM	6007	Auxiliary Food Facility	390	100	390	40	C	0	none	
CC 0223	PATROON RM OFC	5000	Administration Office	100	100	100	0	C	0	none	
CC 0224	STORAGE	6052	Auxiliary Food Facility Servi	100	100	100	0	C	0	none	
CC 0225	STORAGE	6052	Auxiliary Food Facility Servi	45	100	45	0	C	0	none	
CC 0226	CORRIDOR	6052	Auxiliary Food Facility Servi	3,300	5	165	140	C	0	none	

PSI by Building - subtotaled by department

Room	Room Usage	Space Type	Space Type Description	Room nsf	% Room usage	Prorated nsf	capacity	Usage status	% RF	Project Director	Comments
CC 0226	PATROON RM	6007	Auxiliary Food Facility	3,300	95	3,135	140	C	0	none	
CC 0227	KITCHEN	6052	Auxiliary Food Facility Servi	1,383	100	1,383	0	C	0	none	
CC 0229	JANITORS CLOSET	7500	General Building Services	10	100	10	0	C	0	none	
CC 0230	CORRIDOR	6052	Auxiliary Food Facility Servi	48	100	48	0	C	0	none	
CC 0379	PANTRY	6052	Auxiliary Food Facility Servi	99	100	99	0	C	0	none	
CC 0380	STORAGE	6052	Auxiliary Food Facility Servi	48	100	48	0	C	0	none	
Total NSF/NASF for FOOD SERVICE-FSA CONTRACT in CC						27,763	27,499				

PERSONNEL - 8607750000

Human Resources 03002

CC 0052	STUDENT PAYROLL	5000	Administration Office	5,262	6	316	25	C	0	none	
Total NSF/NASF for PERSONNEL in CC						316	316				

REGISTRAR - 8605550000

Registrar 02013

CC 0025	REG WAITING	5051	Administrative Office Service	351	100	351	0	C	0	none	
CC 0025A	REGISTRAR	5000	Administration Office	173	100	173	1	C	0	none	
CC 0025B	SECURE STORAGE	5051	Administrative Office Service	51	100	51	0	C	0	none	
CC 0025C	TRANSCRIPT RM	5051	Administrative Office Service	60	100	60	0	C	0	none	
CC 0025D	TRANSCRIPT RM	5051	Administrative Office Service	40	100	40	0	C	0	none	
CC 0025E	ADMIN OFC	5000	Administration Office	96	100	96	1	C	0	none	
CC 0025F	ADMIN OFC	5000	Administration Office	95	100	95	1	C	0	none	
CC 0025G	ADMIN OFC	5000	Administration Office	104	100	104	1	C	0	none	
CC 0025H	ADMIN OFC	5000	Administration Office	103	100	103	1	C	0	none	
CC 0025I	ADMIN OFC	5000	Administration Office	2,141	80	1,713	14	C	0	none	
CC 0025I	GRAD ASST	5051	Administrative Office Service	2,141	5	107	14	C	0	none	
CC 0025I	FILES & CIRCULATN	5051	Administrative Office Service	2,141	15	321	14	C	0	none	
CC 0025J	ASST REGISTRAR	5000	Administration Office	91	100	91	1	C	0	none	
CC 0025K	ASST REGISTRAR	5000	Administration Office	121	100	121	1	C	0	none	
CC 0026H	REGISTRAR OFC	5052	Administrative Conference	127	20	25	12	C	0		
CC 0026K	REG STORAGE	5051	Administrative Office Service	161	50	81	0	C	0	none	
CC 0026M	ADMIN OFC	5000	Administration Office	95	100	95	1	C	0	none	

PSI by Building - subtotaled by department

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Room	Room Usage	Space Type	Space Type Description	Room nsf	% Room usage	Prorated nsf	capacity	Usage status	% RF	Project Director	Comments
Total NSF/NASF for REGISTRAR in CC											
						3,627	3,627				
STUDENT UNION - 8605700000											
CC 0028	STORAGE	5051	Administrative Office Serv	380	100	380	0	C	0	none	
CC 0103	LOUNGE	6002	Student Lounges	3,700	80	2,960	53	C	0	none	
CC 0110	STUDENT LOUNGE	6002	Student Lounges	1,996	100	1,996	60	C	0	none	
CC 0110B	ADMIN OFC	5000	Administration Office	100	100	100	1	C	0	none	
CC 0111	MANAGERS OFC	6003	Student Organization Facilit	300	100	300	3	C	0	none	
CC 0111A	CENTRAL SALES	6050	Student Activities Service	411	100	411	1	C	0	none	
CC 0114	OFFICE / STORAGE	6003	Student Organization Facilit	100	100	100	3	C	0	none	
CC 0115	DON'T WALK ALONE	5000	Administration Office	100	100	100	1	C	0	none	
CC 0116	RECEPTION AREA	6003	Student Organization Facilit	853	64	546	0	C	0	none	
CC 0116A	STORAGE	6050	Student Activities Service	50	100	50	0	C	0	none	
CC 0116B	STU ASSOC PRES	6003	Student Organization Facilit	150	100	150	1	C	0	none	
CC 0116C	V-PRES OFC	6003	Student Organization Facilit	108	100	108	1	C	0	none	
CC 0116D	COMPTROLLER	6003	Student Organization Facilit	140	100	140	2	C	0	none	
CC 0116E	STU. ASSOC OFC	6003	Student Organization Facilit	102	100	102	1	C	0	none	
CC 0116F	PROGRAMMING	6003	Student Organization Facilit	138	100	138	1	C	0	none	
CC 0116G	LEGAL SERVICE	6003	Student Organization Facilit	100	100	100	1	C	0	none	
CC 0116H	LEGAL SERVICE	6003	Student Organization Facilit	200	100	200	1	C	0	none	
CC 0116K	MEDIA RM	6003	Student Organization Facilit	165	100	165	2	C	0	none	
CC 0116L	STUDENT ADMIN OFC	6003	Student Organization Facilit	140	100	140	0	C	0	none	
CC 0116M	SENATE OFC	6003	Student Organization Facilit	211	100	211	2	C	0	none	
CC 0116N	STUDENT ASSOC OFC	6003	Student Organization Facilit	196	100	196	2	C	0	none	
CC 0116P	MANAGERS OFC	6003	Student Organization Facilit	124	100	124	1	C	0	none	
CC 0125A	INFORMATION BOOTH	6050	Student Activities Service	154	100	154	1	C	0	none	
CC 0128	RECEPTION AREA	5051	Administrative Office Serv	200	100	200	0	C	0	none	
CC 0129	ADMIN OFC	5000	Administration Office	100	100	100	1	C	0	none	
CC 0130	SECRETARY	5000	Administration Office	600	67	402	4	C	0	none	
CC 0130	RECEPTION AREA	5051	Administrative Office Serv	600	33	198	4	C	0	none	

Campus Center Management 05012

Room	Room Usage	Space Type	Space Type Description	Room nsf	% Room usage	Prorated nsf	capacity	Usage status	% RF	Project Director	Comments
CC 0131	ADMIN OFC	5000	Administration Office	190	100	190	1	C	0	none	
CC 0131A	ADMIN OFC	5000	Administration Office	190	100	190	1	C	0	none	
CC 0132	ADMIN OFC	5000	Administration Office	100	100	100	0	C	0	none	
CC 0133	ADMIN OFC	5000	Administration Office	100	100	100	1	C	0	none	
CC 0134	ADMIN OFC	5000	Administration Office	190	100	190	1	C	0	none	
CC 0134A	ADMIN OFC	5000	Administration Office	190	100	190	1	C	0	none	
CC 0135	ADMIN OFC	5000	Administration Office	120	100	120	1	C	0	none	
CC 0135A	STORAGE	5051	Administrative Office Service	80	100	80	0	C	0	none	
CC 0136	ADMIN OFC	5000	Administration Office	200	100	200	2	C	0	none	
CC 0137C	STUDENT LIFE	5000	Administration Office	200	100	200	1	C	0	none	
CC 0138	LOUNGE	6002	Student Lounges	1,504	100	1,504	30	C	0	none	
CC 0141	BLDG MJR OFFICE	5000	Administration Office	100	50	50	1	C	0	none	
CC 0141	STORAGE	5051	Administrative Office Service	100	50	50	1	C	0	none	
CC 0150	SELF SVC P O	6004	Merchandising Facility	66	100	66	0	C	0	none	
CC 0150A	P O SVC AREA	6004	Merchandising Facility	46	100	46	0	C	0	none	
CC 0152	INFORMATION ROOM	6050	Student Activities Service	12	100	12	1	C	0	none	
CC 0165A	TERRACE LOUNGE	6003	Student Organization Facilit	900	35	315	0	C	0	none	
CC 0165A	TERRACE LOUNGE	5052	Administrative Conference	900	65	585	0	C	0	none	
CC 0165B	GRAD STUDENT OFC	5000	Administration Office	481	100	481	10	C	0	none	
CC 0165C	AV STORAGE	5051	Administrative Office Service	89	100	89	4	C	0	none	
CC 0166	LOUNGE	6002	Student Lounges	750	100	750	0	C	0	none	
CC 0202	BALLROOM	6001	Student Act. Recreation Fa	7,140	100	7,140	750	C	0	none	
CC 0210	STORAGE	6050	Student Activities Service	297	100	297	0	C	0	none	
CC 0211	STUDENT LOUNGE	6002	Student Lounges	1,999	100	1,999	50	C	0	none	
CC 0212	ASSEMBLY HALL	6500	Assembly Seating Facility	2,400	100	2,400	150	C	0	none	
CC 0301	FILM LOADG RM	6050	Student Activities Service	28	100	28	0	C	0	none	
CC 0302	DARK RM	6050	Student Activities Service	28	100	28	0	C	0	none	
CC 0303	FINISHING RM	6050	Student Activities Service	131	100	131	0	C	0	none	
CC 0304	DARK RM	6050	Student Activities Service	138	100	138	0	C	0	none	
CC 0305	PHOTO SRVC-YRBK	6003	Student Organization Facilit	474	100	474	5	C	0	none	

PSI by Building - subtotaled by department

Room	Room Usage	Space Type	Space Type Description	Room nsf	% Room usage	Prorated nsf	capacity	Usage status	% RF	Project Director	Comments
CC 0307	STUDENT OFC	6003	Student Organization Facilit	362	100	362	0	C	0	none	
CC 0308	STUDENT OFC	6003	Student Organization Facilit	432	100	432	1	C	0	none	
CC 0310	DARK RM	6003	Student Organization Facilit	72	100	72	0	C	0	none	
CC 0311	DRESSING RM	6050	Student Activities Service	72	100	72	0	C	0	none	
CC 0315	CIRCULATION SPACE	6003	Student Organization Facilit	210	100	210	0	C	0	none	
CC 0315A	RECORD LIBRARY	6003	Student Organization Facilit	150	100	150	0	C	0	none	
CC 0315B	RADIO STATION	6003	Student Organization Facilit	81	100	81	1	C	0	none	
CC 0315C	RADIO STATION	6003	Student Organization Facilit	170	100	170	3	C	0	none	
CC 0315D	RADIO STATION	6003	Student Organization Facilit	315	100	315	6	C	0	none	
CC 0315E	RADIO STATION	6003	Student Organization Facilit	140	100	140	1	C	0	none	
CC 0315F	RADIO STATION	6003	Student Organization Facilit	16	100	16	1	C	0	none	
CC 0315G	RADIO STATION	6003	Student Organization Facilit	121	100	121	2	C	0	none	
CC 0315H	RADIO STATION	6003	Student Organization Facilit	48	100	48	1	C	0	none	
CC 0316	RADIO STATION	6003	Student Organization Facilit	212	100	212	0	C	0	none	
CC 0316A	RADIO STATION	6003	Student Organization Facilit	100	100	100	1	C	0	none	
CC 0316B	RADIO STATION	6003	Student Organization Facilit	100	100	100	1	C	0	none	
CC 0318	CLOSET	6050	Student Activities Service	13	100	13	0	C	0	none	
CC 0319	CLOSET	6050	Student Activities Service	13	100	13	0	C	0	none	
CC 0320	STUDENT OFC	6003	Student Organization Facilit	300	100	300	0	C	0	none	
CC 0320A	STUDENT OFC	6003	Student Organization Facilit	100	100	100	0	C	0	none	
CC 0321	CLOSET	6050	Student Activities Service	13	100	13	0	C	0	none	
CC 0322	CLOSET	6050	Student Activities Service	13	100	13	0	C	0	none	
CC 0323	STUDENT OFC	6003	Student Organization Facilit	400	100	400	8	C	0	none	
CC 0324	CLOSET	6050	Student Activities Service	13	100	13	0	C	0	none	
CC 0325	CLOSET	6050	Student Activities Service	13	100	13	0	C	0	none	
CC 0326	NEWSPAPER	6003	Student Organization Facilit	400	100	400	0	C	0	none	
CC 0327	CLOSET	6050	Student Activities Service	13	100	13	0	C	0	none	
CC 0328	CLOSET	6050	Student Activities Service	13	100	13	0	C	0	none	
CC 0329	NEWSPAPER	6003	Student Organization Facilit	400	100	400	5	C	0	none	
CC 0330	CLOSET	6050	Student Activities Service	13	100	13	0	C	0	none	

PSI by Building - subtotaled by department

Room	Room Usage	Space Type	Space Type Description	Room nsf	% Room usage	Prorated nsf	capacity	Usage status	% RF	Project Director	Comments
CC 0331	NEWSPAPER	6003	Student Organization Facilit	100	100	100	1	C	0	none	
CC 0332	STUDENT OFC	6003	Student Organization Facilit	200	100	200	2	C	0	none	
CC 0333	STUDENT OFC	6003	Student Organization Facilit	190	100	190	12	C	0	none	
CC 0334	STUDENT OFC	6003	Student Organization Facilit	190	100	190	1	C	0	none	
CC 0335	NEWSPAPER	6003	Student Organization Facilit	100	100	100	0	C	0	none	
CC 0337	RADIO STATION	6003	Student Organization Facilit	100	100	100	3	C	0	none	
CC 0343	STUDENT WORK ROOM	6003	Student Organization Facilit	120	100	120	3	C	0	none	
CC 0344	STUDENT OFC	6003	Student Organization Facilit	100	100	100	2	C	0	none	
CC 0345	STUDENT OFC	6003	Student Organization Facilit	100	100	100	2	C	0	none	
CC 0346	SEC'Y & RECEPTION	6003	Student Organization Facilit	360	100	360	3	C	0	none	
CC 0347	STUDENT OFC	6003	Student Organization Facilit	100	100	100	2	C	0	none	
CC 0348	STUDENT OFC	6003	Student Organization Facilit	100	100	100	2	C	0	none	
CC 0349	STUDENT OFC	6003	Student Organization Facilit	160	100	160	4	C	0	none	
CC 0353	JUDICIAL AFFAIRS	5000	Administration Office	100	100	100	0	C	0	none	
CC 0355	JUDICIAL AFFAIRS	5000	Administration Office	100	100	100	1	C	0	none	
CC 0356	JUDICIAL AFFAIRS	5000	Administration Office	190	100	190	1	C	0	none	
CC 0357	JUDICIAL AFFAIRS	5000	Administration Office	190	100	190	1	C	0	none	
CC 0358	ADMIN OFC	6003	Student Organization Facilit	200	100	200	1	C	0	none	
CC 0359	STORAGE	6050	Student Activities Service	100	100	100	1	C	0	none	
CC 0360	CLOSET	6050	Student Activities Service	12	100	12	0	C	0	none	
CC 0361	MEETING RM	6003	Student Organization Facilit	400	35	140	10	C	0	none	
CC 0361	MEETING RM	5052	Administrative Conference	400	65	260	10	C	0	none	
CC 0362	CLOSET	6050	Student Activities Service	12	100	12	0	C	0	none	
CC 0363	CLOSET	6050	Student Activities Service	12	100	12	0	C	0	none	
CC 0364	CONF MEET RM	6003	Student Organization Facilit	400	35	140	6	C	0	none	
CC 0364	CONF MEET RM	5052	Administrative Conference	400	65	260	6	C	0	none	
CC 0365	CLOSET	6050	Student Activities Service	12	100	12	0	C	0	none	
CC 0366	CLOSET	6050	Student Activities Service	12	100	12	0	C	0	none	
CC 0367	CONF MEET RM	6003	Student Organization Facilit	400	35	140	10	C	0	none	
CC 0367	CONF MEET RM	5052	Administrative Conference	400	65	260	10	C	0	none	

PSI by Building - subtotaled by department

CCE CAMPUS CENTER EXTENSION 0034A

Room	Room Usage	Space Type	Space Type Description	Room nsf	% Room usage	Prorated nsf	capacity	Usage status	% RF	Project Director	Comments
CUSTODIAL SERVICES - 8606030000											
CCE 0030V1	CORRIDOR	7600	Circulation Space	1,840	100	1,840	0	C	0	none	
CCE 0052V1	CORRIDOR	7600	Circulation Space	1,840	100	1,840	0	C	0	none	
CCE 0064	CORRIDOR	7600	Circulation Space	231	100	231	0	C	0	none	
CCE 0065	EAST CORRIDOR	7600	Circulation Space	1,240	100	1,240	0	C	0	none	
CCE 0066	NORTH CORRIDOR	7600	Circulation Space	1,680	100	1,680	0	C	0	none	
CCE 0067	WEST CORRIDOR	7600	Circulation Space	1,380	100	1,380	0	C	0	none	
CCE 0070A	TOILET	7701	Toilet/Shower Facility	51	100	51	1	C	0	none	
CCE 0071	GEN BLDG SRVC	7500	General Building Services	429	100	429	0	C	0	none	
CCE 0074A	VESTIBULE	7600	Circulation Space	160	100	160	0	C	0	none	
CCE 0076A	JANITORS CLOSET	7500	General Building Services	20	100	20	0	C	0	none	
CCE 0078B	PASSAGE	7600	Circulation Space	18	100	18	0	C	0	none	
CCE 0078C	JANITORS CLOSET	7500	General Building Services	18	100	18	0	C	0	none	
CCE BST6	STAIR 10	7601	Stairs	180	100	180	0	C	0	none	
CCE BST7	STAIR 12	7601	Stairs	180	100	180	0	C	0	none	
CCE BST8	STAIR 3	7601	Stairs	180	100	180	0	C	0	none	
CCE BST9	STAIR 4	7601	Stairs	180	100	180	0	C	0	none	
CCE SB02	STORAGE	5051	Administrative Office Serv	351	100	351	0	C	0	none	
CCE SB03	STORAGE	5051	Administrative Office Serv	218	100	218	0	C	0	none	
CCE SB05	CORRIDOR	7600	Circulation Space	360	100	360	0	C	0	none	
CCE SB11	STORAGE	5051	Administrative Office Serv	351	100	351	0	C	0	none	
CCE SB12	STORAGE	5051	Administrative Office Serv	218	100	218	0	C	0	none	
CCE SB13	CORRIDOR	7600	Circulation Space	360	100	360	0	C	0	none	
CCE SB14	STORAGE	5051	Administrative Office Serv	218	100	218	0	C	0	none	
CCE SBST1	STAIR 1	7601	Stairs	180	100	180	0	C	0	none	
CCE SBST12	STAIR 12	7601	Stairs	180	100	180	0	C	0	none	
CCE SBST13	STAIR 13	7601	Stairs	180	100	180	0	C	0	none	

Custodial Services 03047

CCE CAMPUS CENTER EXTENSION 0034A

Room	Room Usage	Space Type Type Description	Room nsf	% Room usage	Prorated nsf	capacity	Usage status	% RF	Project Director	Comments
CCE SB14	STORAGE	5051 Administrative Office Servic	218	100	218	0	C	0	none	

Total NSF/NASF for CUSTODIAL SERVICES in CCE 12,423 1,356

EQUIP-BLDG SYS-UTIL DIST SYS - 8606200000

EQUIP-BLDG SYS-UTIL DIST SYS - 8606200000										Electrical Shop 0306	
CCE 0001A	ELECTRIC CLOSET	7700	Mechanical Space	1,240	100	1,240	0	C	0	none	LP-H-EW; AP-L-EW
CCE 0019A	ELECTRIC CLOSET	7700	Mechanical Space	40	100	40	0	C	0	none	AP-L-WW; LP-N-WW; STORE
CCE SB04	FOUNTAIN EQUIP	7700	Mechanical Space	218	100	218	0	C	0	none	
CCE SB06	MECHANICAL RM	7700	Mechanical Space	1,104	100	1,104	0	C	0	none	DRIVE BELT STORAGE
CCE SB07	ELECTRIC RM	7700	Mechanical Space	84	100	84	0	C	0	none	DP-HL-WWB
CCE SB08	TELEPHONE RM	7700	Mechanical Space	84	100	84	0	C	0	none	FILTER STORAGE
CCE SB09	PUMP RM	7700	Mechanical Space	258	100	258	0	C	0	none	FILTER STORAGE
CCE SB15	ELECTRIC RM	7700	Mechanical Space	84	100	84	0	C	0	none	
CCE SB16	TELEPHONE RM	7700	Mechanical Space	84	100	84	0	C	0	none	
CCE SB17	PUMP RM	7700	Mechanical Space	258	100	258	0	C	0	none	NO KEY
CCE SB18	MECHANICAL RM	7700	Mechanical Space	1,104	100	1,104	0	C	0	none	

Total NSF/NASF for EQUIP-BLDG SYS-UTIL DIST SYS in CCE 4,558 0

FOOD SERVICE-FSA CONTRACT - 9010500000

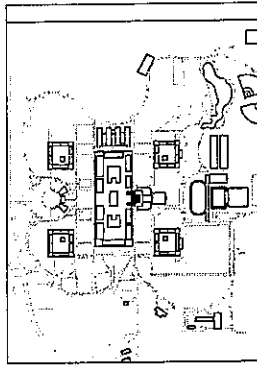
FOOD SERVICE-FSA CONTRACT - 90105000000										Rental Properties	09008
CCE 0001	BOOK STORE	6004	Merchandising Facility	2,415	100	2,415	0	C	0	none	
CCE 0002	BOOK STORE	6004	Merchandising Facility	11,502	100	11,502	7	C	0	none	
CCE 0003	BOOKKEEPING	5000	Administration Office	171	100	171	1	C	0	none	
CCE 0004	FLOOR MGR	5000	Administration Office	188	100	188	2	C	0	none	
CCE 0005	CASHIER	5000	Administration Office	64	100	64	1	C	0	none	
CCE 0006	MANAGERS OFC	5000	Administration Office	119	100	119	1	C	0	none	
CCE 0007	TOILET	7701	Toilet/Shower Facility	45	100	45	1	C	0	none	
CCE 0008	TOILET	7701	Toilet/Shower Facility	45	100	45	1	C	0	none	
CCE 0009	STORAGE	6050	Student Activities Service	374	100	374	0	C	0	none	
CCE 0011	SEATING AREA	6050	Student Activities Service	3,774	100	3,774	0	C	0	none	
CCE 0014	CALIENTE	6004	Merchandising Facility	528	100	528	0	C	0	none	
CCE 0014A	CLOSET	6050	Student Activities Service	27	100	27	0	C	0	none	

PSI by Building - subtotaled by department

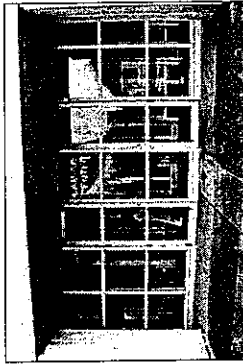
Monday, February 25, 2008

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Plan



Photo



Building Description

The Campus Center occupies a very busy spot at the south end of the podium, between Education and Physics. The 3-story building has a recent but already inadequate addition on the rear and is connected to the new Science Library. The building contains numerous programmatic uses mainly for student services and recreation, such as a ballroom, assembly hall, radio station, food court, and the university bookstore. The building also contains a few offices and conference rooms. The exterior is the same as the buildings around it with reinforced concrete columns, vaulted overhanging roof, and narrow windows with exposed aggregate infill panels. The building faces the main podium courtyard filled with designed plantings and a large reflecting pool in the center at the lower level.

Building Condition

The Campus Center has a variety of deficiencies, most of which exist within all of the podium buildings. Deficiencies specific to the Campus Center itself include poor lighting in the entrance vestibule, outdated floor and wall finishes in a majority of the public rooms, such as the ballroom and food service areas. Leaks from the podium deck filtrate into the lower level of the building, and a condensation problem from chiller coil units on the roof is a chronic problem. The dark room area of the building is in very poor condition and needs a total upgrade. The building also needs an overall finishes and graphics upgrade.

Engineering Systems Description

Mechanical Descriptions

HVAC

Approximately ten (10) air handling units serve the facility. The units serve in the following manner:

Unit AC-1 serves 1st through 3rd floors.

Original Construction Date 1967

Addition/Alteration #1 1995

Addition/Alteration #2 0

Gross Square Feet 150,884

Net Square Feet 85,165

of Floors 4

Construction Type
Poured-in-place
Reinforced Concrete

Friday, February 15, 2002

0034

Campus Center

Unit AC-2 serves old bookstore converted to office with high partitions.
Unit AC-3 serves old cafeteria.
Unit AC-4 serves old snack bar (not functional).
Unit AC-5 served bowling alley, now serves registrar's office.
Unit AC-6 serves ballroom.

The other units serve kitchen, switchgear room and other miscellaneous spaces.

The units are original, stressed and bursting. Some units are rusted. The controls are broken, valves leaking and are in need of replacement. Units are in very bad shape and need to be replaced in its entirety. The piping is old, corroded and leaking in some places. All piping needs to be replaced including valves and fittings. The heating/cooling units are situated in the penthouse. A lot of leaks and condensation occurs, filling up and overflowing from drain pans. Water overflows occur constantly. A lot of temperature variation occurs throughout the building. The exhaust fans 3, 4, 7, 8, 9 and 10 are original equipment with ductwork and should be replaced. In-line exhaust fan utilized for kitchen exhaust.

The ballroom is utilized for various other purposes. The lighting and air conditioning is not situated for some of the purposes. Most of the supply air is through floor registers. Dual duct boxes are located within the floors and hard to access and maintain.

The heating system consists of two heat exchangers with two base mounted end suction pumps. Secondary hot water is utilized for heating. Perimeter fin-tube radiation, cabinet heaters are utilized for heating. Unit heaters are used in the mechanical rooms. The heat exchangers, pumps, condensate receivers and all piping needs to be replaced. It is original and served its life expectancy.

The steam generators utilized to produce steam for the kitchen need to be replaced. Asbestos insulation is suspected on the generators and piping. The facility ventilation needs to be reevaluated and proper ventilation needs to be provided. Kitchen ventilation, toilet ventilation is inadequate. No access to

VAV boxes above Alcan ceiling in new addition.

Plumbing

The kitchen consists of steam dishwashers, steam table, gas fired ranges, ovens, etc. The steam piping, condensate returns to various of this equipment needs to be replaced. The two domestic hot water heaters which utilize high temperature hot water, two circulators for domestic hot water, valves, piping are corroded, original and needs to be replaced.

There is one unisex restroom and two other small bathrooms. There is no toilet room facilities in food court. Number of toilet fixtures are inadequate for facility. The water fountains are not ADA compliant and need to be replaced. Filters for fountains are new. The kitchen fixtures are old and need to be replaced. The range has shelves under the hood which should be removed. The hood has an ansul system. The kitchen drains are old, original and needs to be changed.

Fire Protection

The kitchen is sprinklered. Some of the areas in the facility are sprinklered also utilizing a wet pipe system. The fire alarm control panel is located in the first floor lobby of the building. Ansul system is provided under the kitchen exhaust hood.

Electrical

New transformers are installed in the switchgear room. Secondary switch is installed. The room is ventilated to tunnel. A light control transformer is located in MER with 4 lighting panels and a 112.5 KVA G.E. transformer. Another 45 KVA transformer is located inside a closet on 3rd floor. The electrical room is open to a fire rated shaft which is utilized for ventilation and has an exhaust fan (EF-4) mounted inside the shaft. The walk-in refrigerators in the kitchen are not provided with emergency power. Most of the panels are old and need to be replaced. The existing power distribution system and branch circuits throughout existing facility need to be changed.

Friday, February 15, 2002

The lighting is inefficient, inadequate, fixtures are old, non-energy conservation type and need to be replaced. There are no occupancy sensors. Some areas have area smoke detectors. Elevators do not have recall system. The exterior lighting is poor and needs to be increased. Data and power outlets, including emergency power need to be added.

Engineering Systems Condition

Mechanical Conditions

The air handling units are located in the penthouse mechanical equipment room. The units are original, served their life expectancy and are in bad condition. The units need to be replaced in its entirety.

Utilizing high temperature hot water from campus central plant and heat exchangers secondary hot water is obtained which is pumped to the various fin tube radiation, cabinet heaters and unit heaters located throughout the facility. The heat exchangers, condensate pumps hot water pumps, valves and piping are old, original and need to be replaced.

The ventilation in the facility is not adequate and needs to be reevaluated. There are a lot of hot and cold spots throughout the facility. The air handling units are undersized for the areas they serve. The chilled water is supplied to the units from the central plant. The exhaust fans do not operate properly. Dampers and linkages are broken. The temperature control system is old, pneumatic, clogged and needs to be replaced in its entirety. All ductwork needs to be replaced including VAV boxes in floors.

The domestic hot water heaters, pumps, steam generators for kitchen steam are old, antiquated and need to be replaced. The hot water, cold water, steam and condensate piping serving kitchen is old and needs to be replaced. The kitchen drainage system needs to be replaced. The plumbing fixtures in the facility are not adequate for the facility requirements. Existing fixtures are in fair condition and need to be replaced. The water fountains are old, do not meet ADA requirements and need to be replaced. The cold water piping is old and served its purpose. Piping needs to be replaced.

The facility is partially sprinklered with a wet pipe system. The kitchen and some other areas are sprinklered. An Ansul system is provided under the hood. However, shelves under the hood need to be removed. FACP is located on the 1st floor of the facility.

New transformers and secondary switch are installed. Transformers also exist in the mechanical rooms. The existing power distribution system and branch circuits throughout the facility need to be replaced in its entirety. The wiring is old and contains asbestos. Electrical power outlets are not adequate and there are no spares available. The lighting is inefficient, inadequate, fixtures are old and need to be replaced. There are no occupancy sensors. Elevators do not have recall system. The walk-in refrigerators which store food need to be provided with emergency power.

Condition Survey - General Building

Building Name Campus Center
Building # 0034

Element	Location	Floor #	Room #	Deficiency	Quantity	Action	Rating	Priority
Paving	Podium deck surrounding building			Spalling of concrete	Approx. 4,160 sf.	Patch spalls as necessary	1	1
Paving	Podium deck surrounding building			Ponding	Approx. 4,160-8,320 sf.	Replace ribbon units or paving squares as necessary	1	1
Canopy Vaults	Canopy vaults surrounding building			Fine & severe cracks	Approx. 57 vaults	Inject an epoxy consolidant into the crack	1	2
Canopy Vaults	Canopy vaults surrounding building			Spalling of concrete	Approx. 2 % of vaults have spall	Repair	1	2
Canopy Vaults	Canopy vaults surrounding building			Rust staining & soiling	Approx. 25 vaults have rust stains	Clean	1	2
Columns	Columns under canopy vaults surrounding building			Deterioration of Concrete columns - cracking, structural damage	Approx. 1 % of columns	Repair	1	2
Roof	Roof of building			Lack of OSHA approved workmen tie downs	Approx. 60	Install OSHA approved tie downs every 15 feet	1	1

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Rating Key

4=Excellent (New or in like-new condition)
3=Good (Functional, acceptable condition and appearance)
2=Fair (Nearing the end of its lifespan)
1=Poor (At or past the end of its lifespan)
0=Not applicable

Priority Key

1=Safety Hazard and/or Code Violation; must be addressed ASAP
2=Necessary to prevent further deterioration
3=Necessary to optimize appearance and/or performance

Building Name Campus Center
Building # 0034

Element	Location	Floor #	Room #	Deficiency	Quantity	Action	Rating	Priority
Podium Deck 0026	Podium deck surrounding building			Leak into Basement level below	1,000 LF	Replace expansion joint, repair roof, pour new ribbon cement paving	1	2
Door / Hardware	All	All		Non ADA Door Hardware	150,884 sf.	Replace with code compliant ADA handles and locks	1	1
Door/Hardware	1	101, 123		Entry foyer dark and cut off from exterior of building	6	Replace with fire rated glass doors - satisfy fire code requirements	2	3
Exterior doors	Doors on basement and ground level			Sagging & scraping; hardware is in need of replacement	Approx. 15	Upgrade	1	2
Window	1-3	varies		Leaky, inefficient windows; deteriorating finishes	1,231 fixed windows	Scrape, prime, reglaze, and paint windows	2	2
Ceiling	3	301-305		Old hung ceiling	1,000 sf.	Replace	1	2
Ceiling	3	343-347		Old hung ceiling	1,200 sf.	Replace	1	2
Ceiling	B	001		Old hung ceiling	2,000 sf.	Replace	1	2
Ceiling	3	307-308		Old hung ceiling	1,200 sf.	Replace	1	2
Ceiling	3	315-316		Old hung ceiling	2,500 sf.	Replace	1	2
Ceiling	1	115-116		Old hung ceiling	3,000 sf.	Replace	1	2
Ceiling	1	102		Old hung ceiling	300 sf.	Replace	1	2
Ceiling	1	125		Old hung ceiling	350 sf.	Replace	1	2
Ceiling	2	227		Old hung ceiling	1,600 sf.	Replace	1	2

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Building Name Campus Center

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Element	Location	Floor #	Room #	Deficiency	Quantity	Action	Rating	Priority
Fixtures & finishes	B-3		varies	Deteriorating fixtures & finishes	10 restrooms	Replace sinks (approx. 20), replace toilets (approx. 30), replace tile, replace lighting, make all ADA accessible	2	1
Floor	2	202		Parquet flooring needs to be restored and/or replaced	7,200 sf.	Replace or restore	1	2
Floor	B-3		varies	VAT tile	100,000 sf.	Abate when carpeting is replaced	3	3
Wall	2	226, St #7		Lounge open to Entry & 1st floor Patroon Lounge does not provide adequate privacy	40 LF	Install glass wall to divide the two spaces	2	3
Wall	1-3		varies	Deteriorating plaster due to A/C condensation/Drainage problems	not known	Solve A/C issue, repair plaster	1	2
Water fountain	B-3		varies	Non functioning	10	Replace existing fountains with chilled water units. Add new fountains in Cafeteria area	1	2
Elevator	B-3		Elevator	Non-conforming for fire alarm call back; hydraulic pumps, lines, elevator car & elevator controls are beyond their useful life.	3	Upgrade	1	2
Elevator	B-3		EL-1, EL-2, EL-3	Worn & deteriorating	3	Upgrade cab finishes (Passenger), service and upgrade mechanical (all 3)	1	2
Lighting	1	125		Poor lighting	350 sf.	Replace	1	2
Lighting	1	102		Poor lighting	300 sf.	Replace	1	2
Lighting	1	115-116		Poor lighting	3,000 sf.	Replace	1	2
Lighting	B	001		Poor lighting	2,000 sf.	Replace	1	2

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Element	Location	Floor #	Room #	Deficiency	Quantity	Action	Rating	Priority
Lighting		3	301-305	Poor lighting	1,000 sf.	Replace	1	2
Lighting		3	315-316	Poor lighting	2,500 sf.	Replace	1	2
Lighting		1	103	Existing saucers too low	Approx. 12	Raise existing light fixtures about 1 foot, re-lamp & enhance lighting quality	1	2
Lighting		1	101	Poor lighting, hard to maintain	1,000 sf.	Install new lighting scheme to augment light level; and quality. Relamp and enhance lighting in saucer fixture	1	2
Lighting		1	165B	Obsolete lighting	400 sf.	Replace	1	2
Lighting		3	307-308	Poor lighting	1,200 sf.	Replace	1	2
Lighting		2	202	Inefficient lighting for current functions	7,200 sf.	Raise saucer lights to 8' from ceiling (10), re-lamp & provide uplighting as well as spot lights in saucers. Provide recessed & direct lighting in coffered area of ceiling.	1	2
Lighting		3	343-347	Poor lighting	1,200 sf.	Replace	1	2
Lighting		2	227	Poor lighting	1,600 sf.	Replace	1	2

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