

**UNIVERSITY OF HOUSTON SYSTEM**  
**Facilities, Cons. & Master Planning Committee**  
**10:45 a.m. – 12:30 p.m.**  
**May 17, 2011**

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# AGENDA

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## UNIVERSITY OF HOUSTON SYSTEM FACILITIES, CONSTRUCTION AND MASTER PLANNING COMMITTEE MEETING

**DATE:** Tuesday, May 17, 2011

**TIME:** 10:45 a.m.

**PLACE:** Hilton University of Houston Hotel  
Waldorf Astoria Ballroom E, Second Floor  
4800 Calhoun  
Houston, Texas 77204

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**Chair:** Tilman J. Fertitta  
**Vice Chair:** Nelda Luce Blair  
**Members:** Welcome W. Wilson, Sr.  
Andrew Cobos  
Carroll Robertson Ray, Ex Officio

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### FACILITIES, CONSTRUCTION AND MASTER PLANNING COMMITTEE

- A. Call to Order
- B. Approval of Committee Minutes  
• February 15, 2011, Facilities, Cons. and Master Planning Committee Meeting  
**Action:** Approval
- C. Approval of scope and site for Cougar Village Phase II Residence Hall at the University of Houston – University of Houston FCMP – 1  
**Action:** Approval
- D. Approval of scope and site for a new Sophomore Residence Hall complex to replace the existing Cougar Place Facility at the University of Houston – University of Houston FCMP – 2  
**Action:** Approval
- E. Approval of scope and site of a Sophomore Housing Project at the University of Houston-Victoria – University of Houston-Victoria FCMP – 3  
**Action:** Approval

- F. Approval is requested to amend the University of Houston-Victoria residence hall plan to include additional properties – University of Houston-Victoria FCMP – 4
- Action:** Approval
- G. Approval of amended scope and location for the UH University Center Expansion/Renovation – University of Houston FCMP – 5
- Action:** Approval
- H. Approval of scope for Energy Research Park Building One Renovation at the University of Houston – University of Houston FCMP – 6
- Action:** Approval
- I. Approval is requested to delegate authority to the Chancellor to convey a 375 square foot easement to the City of Houston – University of Houston FCMP – 7
- Action:** Approval
- J. Approval is requested to delegate authority to the Chancellor to convey a water meter access easement to the City of Houston – University of Houston FCMP – 8
- Action:** Approval
- K. University of Houston System Major Capital Projects and Master Plan Update – University of Houston System FCMP – 9
- Action:** Information
- L. Adjourn

**UNIVERSITY OF HOUSTON SYSTEM  
BOARD OF REGENTS AGENDA**

**COMMITTEE:** Facilities, Construction and Master Planning

**ITEM:** Approval of scope and site for Cougar Village Phase II Residence Hall at the University of Houston.

**DATE PREVIOUSLY SUBMITTED:**

**SUMMARY:**

Approval is requested for the scope and site for Cougar Village Phase II Residence Hall of approximately 291,000 GSF at the University of Houston.

Information on the project and site are provided in the attached supporting documentation.

**SUPPORTING**




**DOCUMENTATION:** Cougar Village Phase II Project Description and Proposed Site Plan

**FISCAL NOTE:** See corresponding Finance and Administration agenda item

**RECOMMENDATION/  
ACTION REQUESTED:**

Administration recommends approval of this item

**COMPONENT:** University of Houston

PRESIDENT	 Renu Khator	5/6/11 DATE
EXECUTIVE VICE CHANCELLOR	 Carl Carlucci	5/2/2011 DATE
CHANCELLOR	 Renu Khator	5/6/11 DATE

### **Cougar Village Phase II Project Description**

The University of Houston is working to increase student success by the recruitment of top scholars, retaining those students once they become Cougars and graduating them in higher proportions. UH is also seeking to increase student life and campus activity. On campus living/learning opportunities are central to all of these efforts. In addition one of the measures Carnegie and others use for classifying Tier One Universities is having 25% of undergraduate students living on campus. Based on this the University has adopted a goal of having 7500 UH students living on campus by 2015 and 9000 students living on campus by 2020.

Since enacting the 2006 Campus Framework Plan, the University has steadily added residential housing toward these goals. Cougar Village Phase One opened in Fall 2010 to provide over 1100 students a quality freshmen living/learning experience. The project coupled with the renovation of the Moody Dining Hall was extremely successful in student recruitment, student engagement and student life and support. It lead to demands for additional similar housing.

Cougar Village Phase II Housing project will increase the number of beds on campus by more than 1100, and will further expand lively, academically supportive facilities for freshmen. It will also provide additional residential housing options available to students. The project will borrow from the successful Cougar Village Phase One template for developing the program and building conceptual scheme.

This project will extend the Student Life synergy started with Moody Dining Renovation and Cougar Village Phase One. When coupled with the new West Campus Dining Hall, renovations to the Quadrangle and Moody Towers and Cougar Place Replacement it will provide UH with an extended zone of activity and campus life fostering Student Success.

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#### **Program Information:**

This project is the second phase of freshmen residence halls to be located on Wheeler Avenue along the southern edge of the UH campus. Like the first phase, the second facility will be a design build project consisting of two-bedroom, shared-bath units (approximately 1100 beds total) with staff and support space, and resident staff/resident assistant apartments.

Also like its predecessor, the new facility will include central and floor lounges, laundry room, fitness area, floor kitchenettes, and vending areas. More importantly Cougar Village Phase II will provide collaborative living/learning student success space including classrooms, labs and academic support space.

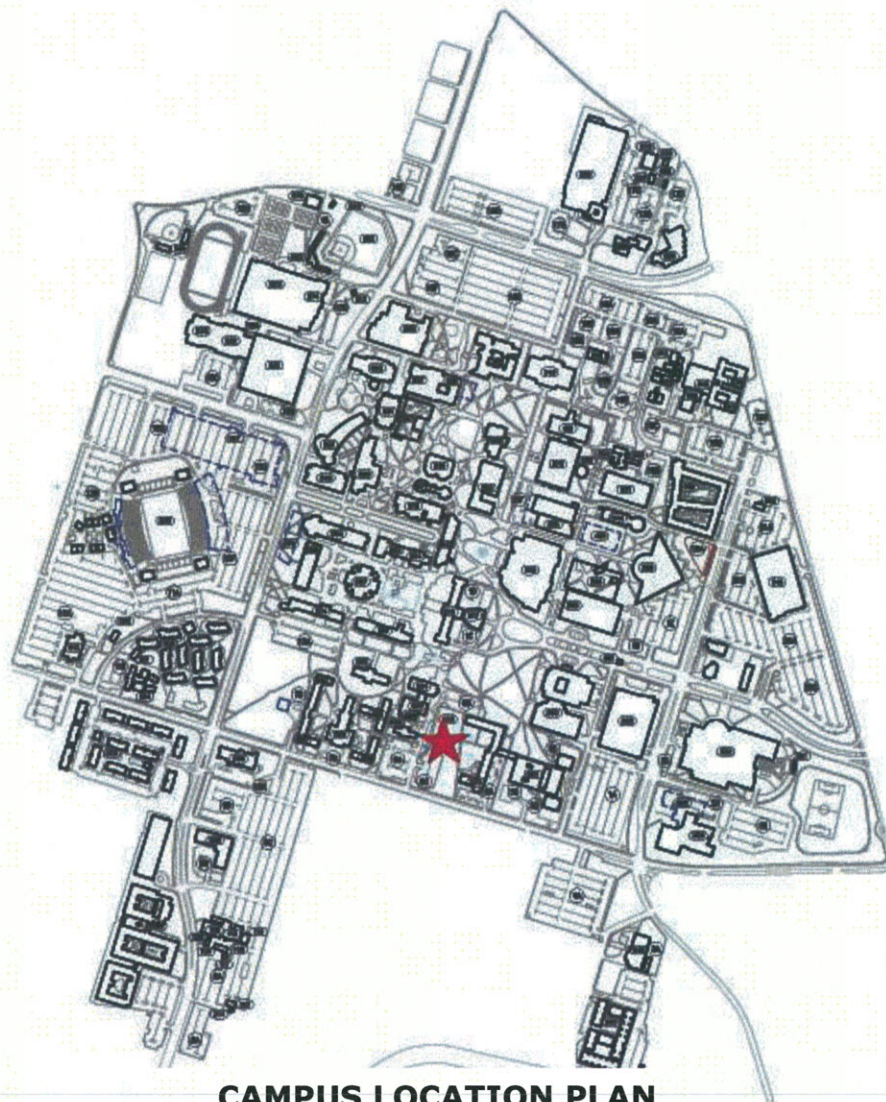
Key to the project will be academic and student space to support student development and living learning environment. This may include but not be limited to instructional

space and student service space for counseling, tutoring and other functions needed to enhance student life and student success as well as the following spaces:

- Classrooms/Academic Spaces for Freshmen
- Student Computer Labs
- Study rooms on each floor/wing
- Social lounges on each floor/wing
- Building vending area
- Building Common Lounge/multipurpose room
- Large game room.
- Adjoining small kitchen/serving area adjacent to the Building Common Lounge
- Housing staff offices including space for Residence Assistants
- Fitness Center (May also be small fitness areas throughout the project)
- Laundry facilities

Exterior features for recreation and other activities will also be included.

Design of the facility will be based on the Cougar Phase I palette, materials and room layout. Site specific changes will be necessary to accommodate utilities, campus views and differences in the building program. The project will be designed to LEED Silver standards and open in August 2013.



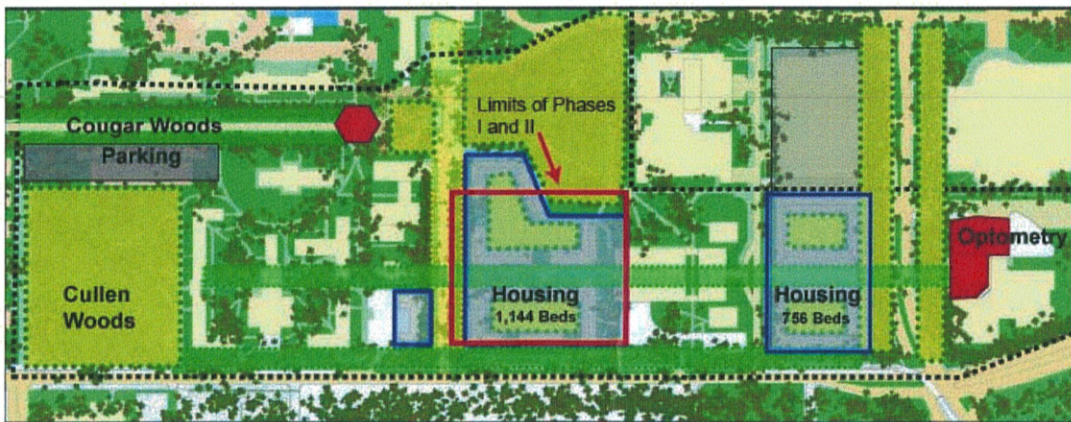
**CAMPUS LOCATION PLAN**



**WHEELER PRECINCT PLAN**



**COUGAR VILLAGE PHASE I**



**FRAMEWORK PLAN WHEELER PRECINCT**



**UNIVERSITY OF HOUSTON SYSTEM  
BOARD OF REGENTS AGENDA**

**COMMITTEE:** Facilities, Construction and Master Planning

**ITEM:** Approval of scope and site for a new Sophomore Residence Hall complex to replace the existing Cougar Place Facility at the University of Houston

**DATE PREVIOUSLY SUBMITTED:**

**SUMMARY:**

Approval is requested for the scope and site for a new Sophomore Residence Hall complex to replace the existing Cougar Place Facility at the University of Houston. The project size will be from approximately 280,000 GSF for the proposed base bid of 800 beds to approximately 350,000 GSF for the proposed base bid plus add alternate of 200 beds (for a total 1000 beds).

Information on the project and site are provided in the attached supporting documentation.

**SUPPORTING**




**DOCUMENTATION:** Cougar Place Replacement/Sophomore Project Description and Proposed Site Plan

**FISCAL NOTE:** To be presented at the August Finance and Administration Committee

**RECOMMENDATION/**

**ACTION REQUESTED:** Administration recommends approval of this item

**COMPONENT:** University of Houston

PRESIDENT	 Renu Khator	5/6/11 DATE
EXECUTIVE VICE CHANCELLOR	 Carl Carlucci	5/2/2011 DATE
CHANCELLOR	 Renu Khator	5/6/11 DATE

### **Cougar Place Replacement/Sophomore Housing Project Description**

The University of Houston is working to increase student success by the recruitment of top scholars, retaining those students once they become Cougars and graduating them in higher proportions. UH is also seeking to increase student life and campus activity. On campus living/learning opportunities are central to all of these efforts. In addition one of the measures Carnegie and others use for classifying Tier One Universities is having 25% of undergraduate students living on campus. Based on this the University has adopted a goal of having 7500 UH students living on campus by 2015 and 9000 students living on campus by 2020.

Since enacting the 2006 Campus Framework Plan, the University has steadily added residential housing toward these goals. Cougar Village Phase One opened in Fall 2010 to provide over 1100 students a quality freshmen living/learning experience. The project coupled with the renovation of the Moody Dining Hall was extremely successful in student recruitment, student engagement and student life and support. That led to questions from the students in Cougar Village about where they can move when the next class of freshmen enrolls at UH and demands by those residents for a similar high quality living/learning experience oriented to their needs as Sophomores.

In addition academic studies demonstrate that if students remain on campus for the first two years of their University career they are much more likely to continue in their studies, graduate more quickly and have more successful academic careers. This project will help accomplish these goals.

With Metro light rail and the development of the West and Southwest portions of Campus the existing Cougar Place site could be much better utilized than its current low density development. In addition the existing Cougar Place complex contains significant costly deferred maintenance problems, has outlived its 25 year life-span, and would require extensive renovation to meet current codes and housing standards. Razing and redeveloping this site will extend the Student Life synergy started with Moody Dining Renovation and Cougar Village Phase One. When coupled with the new West Campus Dining Hall, renovations to the Quadrangle and Moody Towers and Cougar Village Phase 2 it will provide UH with an extended zone of activity and Campus Life fostering Student Success.

The new Cougar Place project replaces and is on the site of the current Cougar Place complex, located south of Robertson Stadium and west of Cullen Street. The project's entry will be near the intersection of Cougar Place Drive and Cullen, directly across from the intersection of Cougar Place Drive and the proposed loop road. It will double the housing density currently at the site, remove buildings with significant deferred maintenance problems, meet all current codes, and offer new housing and academic amenities to this area of campus. It will also energize the Southwest quadrant of campus and anchor the west end to the Student Living Zone.

The project will be a design build project with a base proposal of 800 beds with an alternate for 200 additional beds. Unit configuration is expected to be 4-bedroom suites with 2 private baths, and a small common living area.

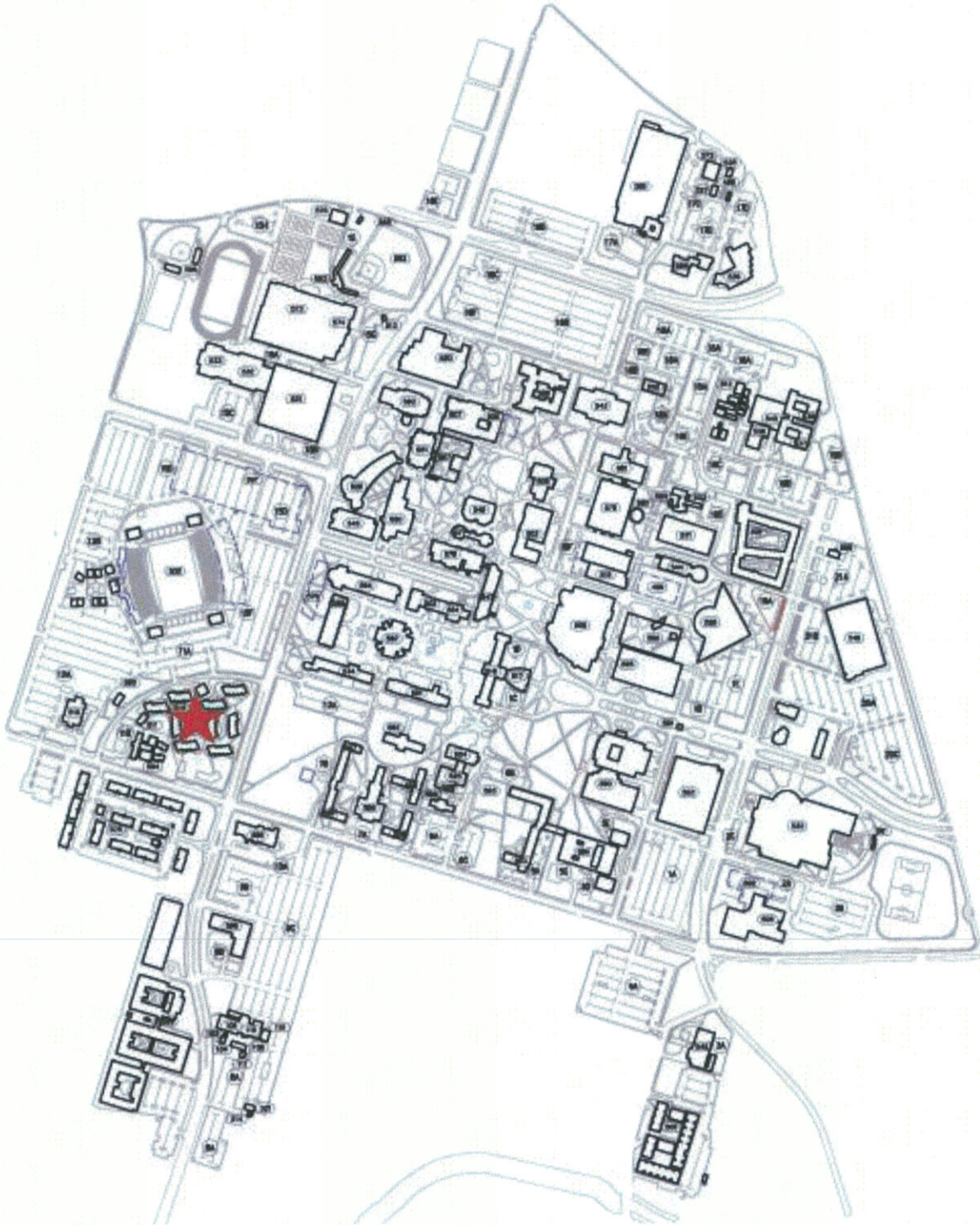
Key to the project will be academic and student space to support student development and living learning environment. This may include but not be limited to instructional space and student service space for counseling, tutoring and other functions needed to enhance student life and student success as well as the following spaces:

- Classrooms/Academic Spaces for Sophomores
- Student Computer Labs
- Study rooms on each floor/wing
- Social lounges on each floor/wing
- Building vending area
- Building Common Lounge/multipurpose room
- Large game room.
- Adjoining small kitchen/serving area adjacent to the Building Common Lounge
- Housing staff offices including space for Residence Assistants
- Fitness Center (May also be small fitness areas throughout the project)
- Laundry facilities

Exterior features for recreation and other activities will also be included.

Design of the facility will be based on the material palette of existing UH buildings such as Cougar Village. A ceramic tile mural by artist Malou Flato currently affixed to one of the apartment exterior walls in the existing Cougar Place will be dismantled and re-installed at another campus location.

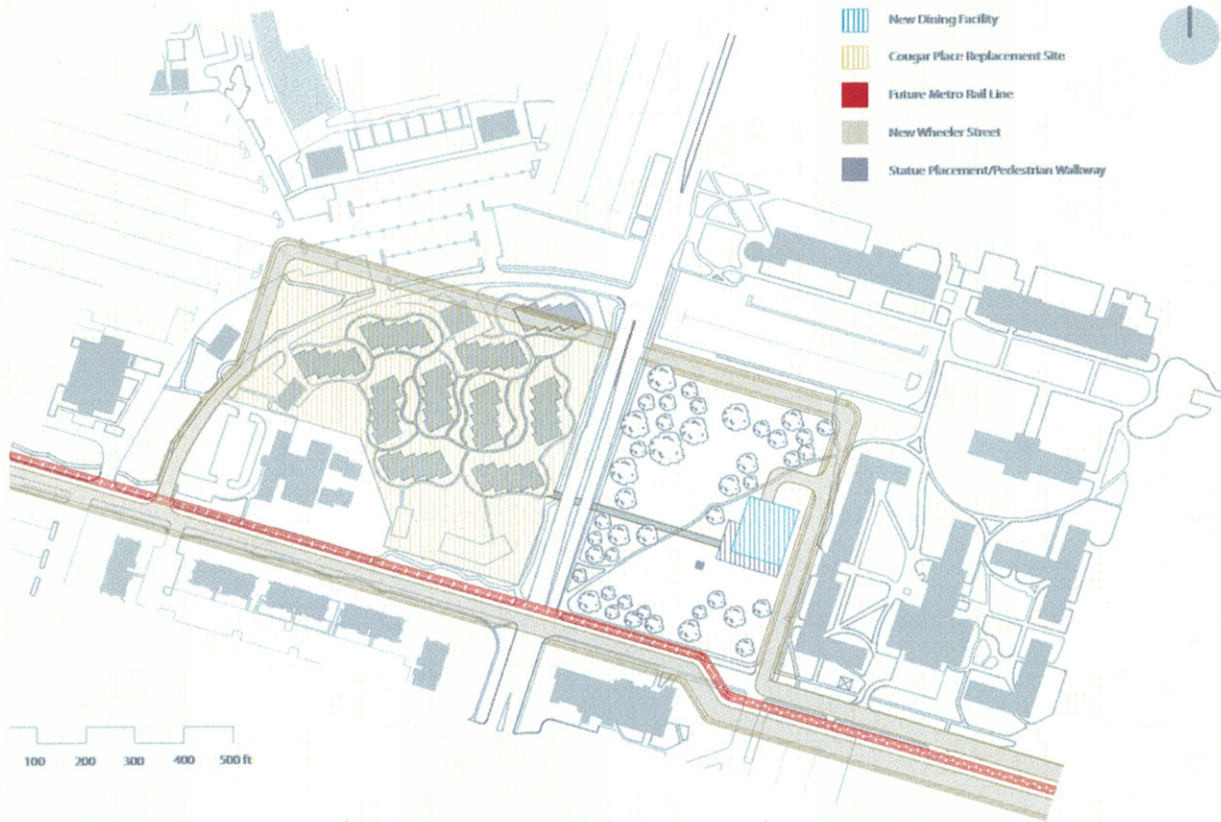
The project will be designed to LEED Silver standards and open in August 2013.



**COUGAR PLACE REPLACEMENT/SOPHOMORE HOUSING SITE**



**FRAMEWORK PLAN STADIUM PRECINCT**



## COUGAR PLACE REPLACEMENT/SOPHOMORE HOUSING SITE

**UNIVERSITY OF HOUSTON SYSTEM  
BOARD OF REGENTS AGENDA**

**COMMITTEE:** Facilities, Construction and Master Planning

**ITEM:** Approval of scope and site of a Sophomore Housing Project at the University of Houston Victoria

**DATE PREVIOUSLY SUBMITTED:** NA

**SUMMARY:** Approval is requested for the scope and site for a Sophomore Residence Hall at the University of Houston Victoria. The project size will be from approximately 77,000 GSF for the proposed base bid of 200 beds to approximately 104,000 GSF for the proposed base bid plus add alternates including 52 beds additional beds (for a total 252 beds).

Information on the project and site are provided in the attached supporting documentation.

**SUPPORTING**

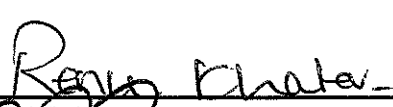
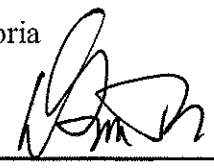

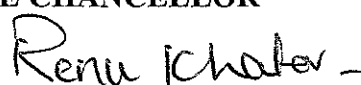
**DOCUMENTATION:** Sophomore Housing Project Information, UHV Projections-Enrollment and Students Residing On Campus, Project Site Plan

**FISCAL NOTE:** To be presented at the August Finance and Administration Committee

**RECOMMENDATION/  
ACTION REQUESTED:**

Administration recommends approval of this item

**COMPONENT:** University of Houston Victoria

		5/9/11
INTERIM PRESIDENT	Don Smith	DATE
		5/2/2011
EXECUTIVE VICE CHANCELLOR	Carl Carlucci	DATE
		5/6/11
CHANCELLOR	Renu Khator	DATE

## **University of Houston Victoria Sophomore Hall Project Program**

The University of Houston Victoria is dedicated to serving the educational needs, promoting the economic well being and advancing the quality of life in the coastal region of Texas and the entire state. UHV's growth directly benefits the region as well as Texas' Closing the Gaps Initiatives. Downward Expansion has dramatically succeeded in advancing these goals and that growth. In short UHV is on the way to becoming Destination University.

Critical to the success of these initiatives is the growth of a Residential University. The University of Houston Victoria is working to increase the student success of those it recruits, retaining those students once they become Jaguars and graduating them in higher proportions. UHV is also seeking to increase student life and campus activity. On campus living/learning opportunities are central to all of these efforts. . Based on this the University has adopted a goal of having 940 UHV students living on campus by 2015 and 1200 students living on campus by 2020.

The University of Houston Victoria opened its first housing development in a renovated hotel in September 2010 as part of the University's downward expansion and enrollment of Freshmen and Sophomores. That project, Jaguar Hall, was extremely successful in student recruitment, student engagement and student life and support. Hall That lead to questions from the students in Jaguar Hall about where they can move when the next class of freshmen enrolls at UH and demands by those residents for a similar high quality living/learning experience oriented to their needs as Sophomores.

In addition academic studies demonstrate that if students remain on campus for the first two years of their University career they are much more likely to continue in their studies, graduate more quickly and have more successful academic careers. This project will help accomplish these goals.

The project will be a design build project with a base proposal of 200 beds with an alternate for 52 additional beds. Unit configuration is expected to be 4-bedroom suites with 2 private baths, and a small common living area. It will be located next to Jaguar Hall and share support facilities with that project. When coupled with Jaguar Hall it will provide UHV with a dynamic center of Student activity and Campus Life fostering Student Success and Community Growth..

Key to the project will be academic and student space to support student development and living learning environment. This may include but not be limited to instructional space and student service space for counseling, tutoring and other functions needed to enhance student life and student success. Add alternates will be included in the Design Build RFP in order to allow UHV to take advantage of market conditions and build as much academic and student support space as financially possible. These spaces may include the following::

- Classrooms/Academic Spaces for Sophomores
- Student Computer Labs
- Study rooms on each floor/wing
- Social lounges on each floor/wing
- Building vending area
- Building Common Lounge/multipurpose room

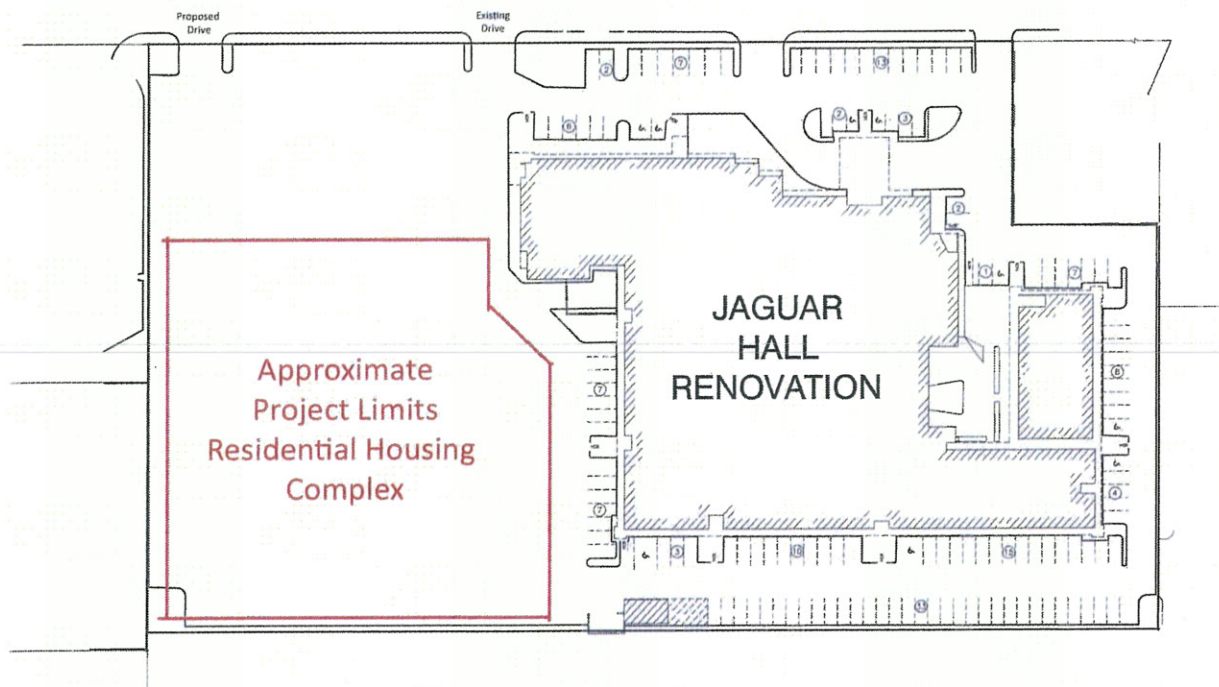


- Large game room.
- Adjoining small kitchen/serving area adjacent to the Building Common Lounge
- Housing staff offices including space for Residence Assistants
- Fitness Center
- Laundry facilities

Exterior features for recreation and other activities will also be included. Parking will be developed on adjacent property as part of this project.

Design of the facility will be based on the material palette of existing UHV buildings including Jaguar Hall. The project will be designed to LEED Silver standards and open in August 2013.

### **Detailed Sophomore Hall Site Layout**



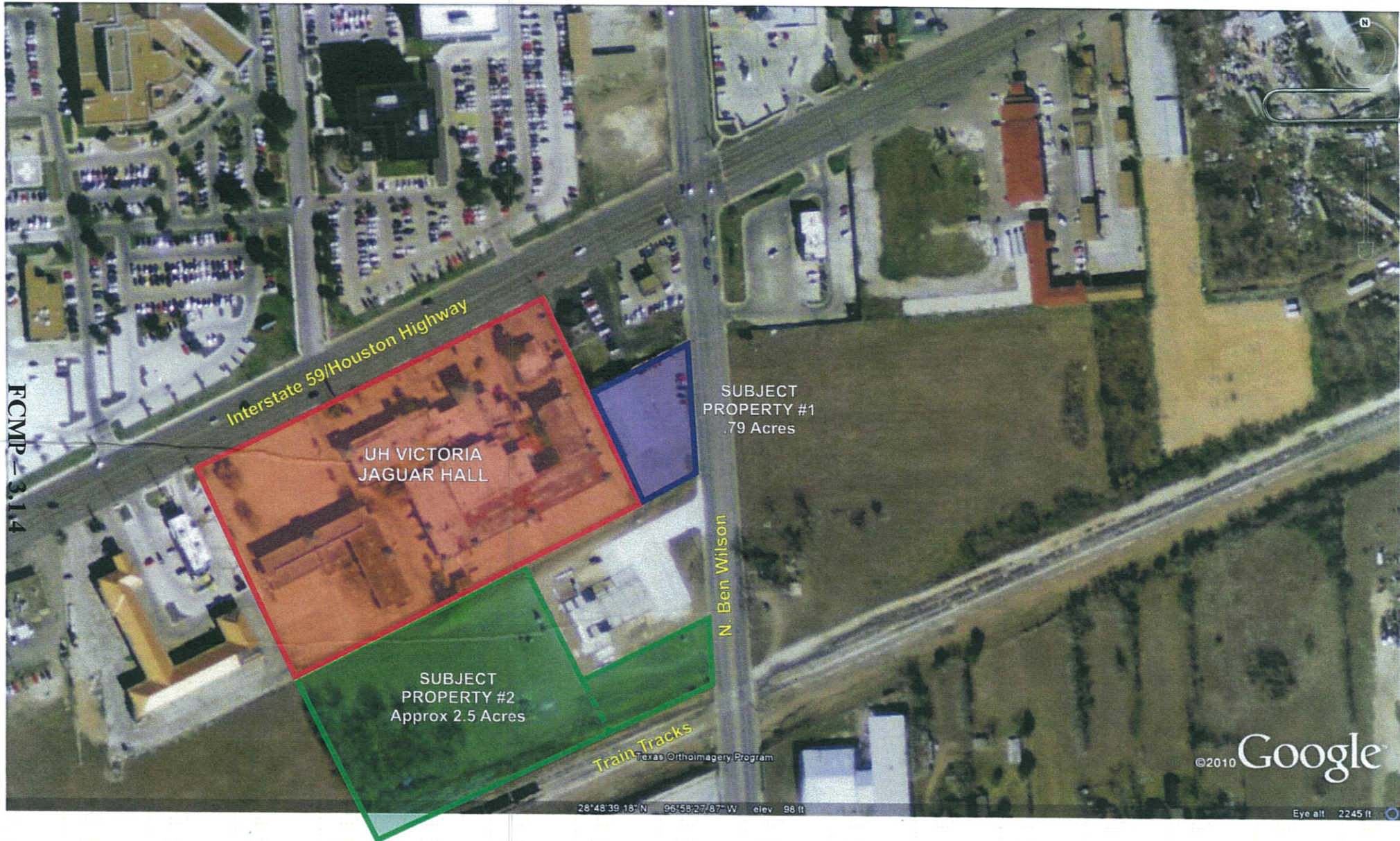
Note: As part Jaguar Hall Renovation an adjacent annex to the west was demolished and cleared. This cleared site will be the location for the Sophomore Housing Project.

## University of Houston Victoria Enrollment and On Campus Projections

### UNIVERSITY OF HOUSTON VICTORIA PROJECTIONS- ENROLLMENT AND STUDENTS RESIDING ON CAMPUS

	<u>2010-11</u>	<u>2011-12</u>	<u>2012-13</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>
Students - Total										
New Freshmen*	218	300	360	396	436	479	527	580	638	702
New Sophomores*	80	100	120	132	145	160	176	193	213	234
Continuing Sophomores @ 65%		142	195	234	257	283	311	343	377	415
Yearly Total	298	542	675	762	838	922	1,014	1,116	1,227	1,350
15% not living in UHV Student Housing	(115)	(81)	(101)	(114)	(126)	(138)	(152)	(167)	(184)	(202)
Students living in UHV Student Housing	183	460	574	648	712	784	862	948	1,043	1,147

\* Increase 10% per year from 2013-2020



# UH VICTORIA PROPERTY ANALYSIS

12.15.10

**UNIVERSITY OF HOUSTON SYSTEM  
BOARD OF REGENTS AGENDA**

**COMMITTEE:** Facilities, Construction and Master Planning

**ITEM:** Approval is requested to amend the University of Houston-Victoria residence hall plan to include additional properties.

**DATE PREVIOUSLY SUBMITTED:** NA

**SUMMARY:** Approval is requested to amend the University of Houston-Victoria residence hall plan to include additional properties to support parking and improved circulation and access for the site.

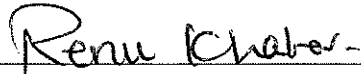
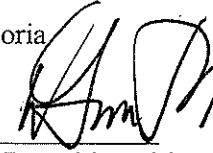

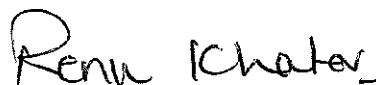
Information on the properties is provided in the attached supporting documentation.

**SUPPORTING DOCUMENTATION:** Masterplan Narrative, PowerPoint Presentation

**FISCAL NOTE:** See corresponding Finance and Administration agenda item

**RECOMMENDATION/AC TION REQUESTED:** Administration recommends approval of this item

**COMPONENT:** University of Houston Victoria

		5/9/11
<b>PRESIDENT</b>	Donald Smith	<b>DATE</b>
		5/2/2011
<b>EXECUTIVE VICE CHANCELLOR</b>	Carl Carlucci	<b>DATE</b>
		5/6/11
<b>CHANCELLOR</b>	Renu Khator	<b>DATE</b>

## University of Houston Victoria Masterplan Modification/Property Acquisition

On Campus Housing is a key component of downward expansion at the University of Houston Victoria and is critical to the growth of a destination campus at UHV. The University of Houston Victoria is working to increase the student success of those it recruits, retaining those students once they become Jaguars and graduating them in higher proportions. UHV is also seeking to increase student life and campus activity. On campus living/learning opportunities are central to all of these efforts. Based on this the University has adopted a goal of having 940 UHV students living on campus by 2015 and 1200 students living on campus by 2020.

The first UHV residence hall, Jaguar Hall, opened in a renovated hotel in September 2010 as part of the University's downward expansion and enrollment of Freshmen and Sophomores. That project was extremely successful in student recruitment, student engagement and student life and support. That led to questions from students about where they can move when the next class of freshmen enrolls at UHV and demands by those residents for a similar high quality living/learning experience oriented to their needs as Sophomores. In order to accommodate that demand UHV is planning to construct a 200-252 bed Sophomore Residence Hall adjacent to Jaguar Hall. Together they will provide UHV with a dynamic center of Student activity and Campus Life fostering Student Success and Community Growth. They will accelerate UHV's progress to become a Destination University.

Meeting all of the requirements of this additional residence hall will best be met by UHV acquiring additional property. Doing so is a more cost effective option to meet parking requirements by allowing space for constructing additional surface parking rather than constructing a parking structure. In addition the residence halls need improved safer vehicular and pedestrian access. That can be accommodated with several key property acquisitions. UHV is purposing modifying the existing Campus Masterplan and Campus by acquiring two properties.

The property (labeled as Property #2 on the attached map) is a 2.5 acre property to the south of Jaguar Hall. This property would provide land for the 176+ parking spaces required for students in the proposed Sophomore Residence Hall. It would also provide improved safer access via Ben Wilson Street.



FCMP - 4.1.2

Interstate 59/Houston Highway

UH VICTORIA JAGUAR HALL

SUBJECT PROPERTY #1  
.79 Acres

SUBJECT PROPERTY #2  
Approx 2.5 Acres

N. Ben Wilson

Train Tracks  
Texas OrthoImagery Program

©2010 Google

28°48'39.18" N 96°58'27.87" W elev 98 ft

Eye alt 2245 ft

# UH VICTORIA PROPERTY ANALYSIS

12.15.10

**UNIVERSITY OF HOUSTON SYSTEM  
BOARD OF REGENTS AGENDA**

**COMMITTEE:** Facilities, Construction and Master Planning

**ITEM:** Approval of amended scope and location for the UH University Center Expansion/Renovation.

**DATE PREVIOUSLY SUBMITTED:** August 2010

**SUMMARY:** Approval is requested for the amended scope and site for the University Center Expansion/Renovation at the University of Houston per discussions and agreements with the stakeholders.

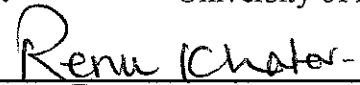

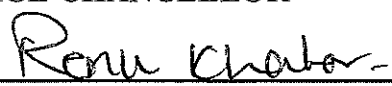
Information on the project and site are provided in the attached supporting documentation.

**SUPPORTING DOCUMENTATION:** University Center Expansion/Renovation Project Information and Proposed Site Plan

**FISCAL NOTE:** To be presented at the August Finance and Administration Committee

**RECOMMENDATION/  
ACTION REQUESTED:** Administration recommends approval of this item

**COMPONENT:** University of Houston

PRESIDENT	 Renu Khator	5/6/11 DATE
EXECUTIVE VICE CHANCELLOR	 Carl Carlucci	5/2/2011 DATE
CHANCELLOR	 Renu Khator	5/6/11 DATE

## **University Center Expansion/Renovation Project Description**

### **Background Information:**

In response to student feedback about the condition and functionality of the University Center, a comprehensive master planning process was initiated in 2008 and a student referendum held regarding a fee increase to finance the plan's recommendations. Upon approval of the fee increase, the University Center Transformation Project explored several design options, finally arriving at a scheme which minimized the risk of cost overruns and maximized value to students.

In August of 2010, upon completion of two years of feasibility studies, focus group discussions, student interviews and the student referendum, the University of Houston requested and the Board of Regents approved of the first phase of a two phase student center facility renovation.

The Committee approved at that time an addition of up to 69,500 NSF/107,000 GSF of new construction on the east side of the current University Center (UC) to house campus activities, major student organization offices, meeting space, and relocated retail spaces and food service operations currently located in the UC.

### **Existing Building Facilities Condition Assessment:**

In the last several months a very comprehensive Facilities Condition Audit (FCA) of the existing University Center (UC) and University Center Underground (UCU) has been undertaken by a team of licensed forensic architects, engineers, contractors and subcontractors accompanied by maintenance personnel. This team made a detailed assessment of all building conditions and building systems. Systems assessed included mechanical, plumbing, electrical, structural, civil ( water, storm, sewer), building envelope, roofing, fire alarm, fire protection , hazardous material, including mold survey and Life Safety and ADA code implications. This assessment included some destructive testing, closely examining all building components and systems and other evaluation techniques.

The team determined that while there are deferred maintenance and building system issues in the existing buildings that need to be addressed as part of the project the existing buildings can be economically restored, renovated and reused as part of a UC Expansion/Renovation project.

### **Strategy for Project implementation and Budget:**

The Project budget for renovation of existing University Center was based on the FCA building assessment, findings and reviews, with market data developed by local contractors. In recognition of the project's multiple phases and the duration of project, escalation and contingencies were included in the Project Budget. All pricing includes general contractor and subcontractor input based on market conditions. Phase I and Phase II will be designed and priced concurrently to minimize unknowns and prevent over commitment of funds.



Add alternates included in Phase I will only be implemented once Phase II has been substantially completed. Contingencies and escalation are included in both phases to cover unknown facility and economic conditions in the future.

**Project Overview:**

Using this comprehensive report the project was re-assessed in order to maximize project value to the University as well as to address deferred maintenance issues uncovered by the investigations. The results of this comprehensive facilities assessment of the University Center complex have prompted a rethinking of some of the original project direction.

One of the costliest renovation tasks identified in the assessment is removing the UC Underground plaza improvements and landscaping, waterproofing the shell, and then restoring the plaza to its original condition. The planning team realized that the monies involved in stripping and replacing the plaza could be better spent constructing additional student organization space in the vicinity of many current UCU student operations and improving the openness and aesthetics of the Underground.

Consequently, without changing the overall intent and scope of the UC Expansion/Renovation Phase I, a different massing and functional grouping is proposed which will bring about several important benefits.

**Project Description:**

In place of the single addition to the east of the existing building proposed earlier, two additions are now proposed.

At the UCU a one story addition approximately 32,000 GSF in size will be constructed over a portion of the existing “roof” (plaza). The portion of the roof not covered by new construction will be re-waterproofed and re landscaped as outdoor entertainment/community space. This UCU Addition will house all existing Student Organization program space currently located within the UCU.

The second addition will be a two story structure which will enlarge the UC by approximately 42,600 GSF. The addition’s ground level will house all food service operations; the second level will accommodate the Student Government Association Conference Chambers and a 400-seat theater/meeting space.

Design of the UC addition will anticipate future expansion on the second level for a 16,000 GSF ballroom and ballroom support and storage space. Construction of a second level outdoor terrace will also be considered as an add alternative. This addition will connect to the existing UC at the ground level, and will link new food service operations with dining, lounge and retail space to be located in newly renovated UC space.

The Phase I scope of work also includes relocating the existing loading dock and support space to serve all food service and retail operations and the UCU Addition.

The revised scope of Phase I improvements offers financial, functional, and aesthetic benefits. Project funds are preserved by limiting funds expended on rehabilitation which does not support program success or enhance the building's appearance. A ground level addition at the UCU plaza allows for consolidation of similar uses, organizational efficiency, and increased openness and interior design quality. Lastly, shifting some of the planned SF from the original location east of the UC to the UCU plaza, offers the opportunity for the UCU to "engage" with the Classroom Building and Melcher Plaza, and retains a larger building site on a key corner at the University's entry.

The Phase 2 scope of renovation will address critical deferred maintenance and code issues; update mechanical, electrical, and plumbing systems; renovate the existing interior finishes, and explore enclosing the open air arbor and improving the exterior wall cladding.

In addition the comprehensive FCA determined that we could utilize more of the existing building if compatible uses and corresponding lower cost renovations were included in the renovation. The UCU Addition also made more of the existing building desirable. These findings allowed the amount of new addition to be reduced and the renovation to be economically and effectively targeted while still providing increased value to the entire campus community.

**Project Area**

	NSF	GSF
<b><u>Existing:</u></b>		
Existing University Center	105,526	187,337
Existing UC Underground	40,707	70,686
<b>Total Existing UC Complex</b>	<b>146,233</b>	<b>258,023</b>

**Proposed**

Existing UC Complex		146,000
258,000		
UC Underground Addition	20,000	32,000
East Addition	26,000	42,600
<b>Total Proposed UC Complex</b>	<b>192,000</b>	<b>332,600</b>

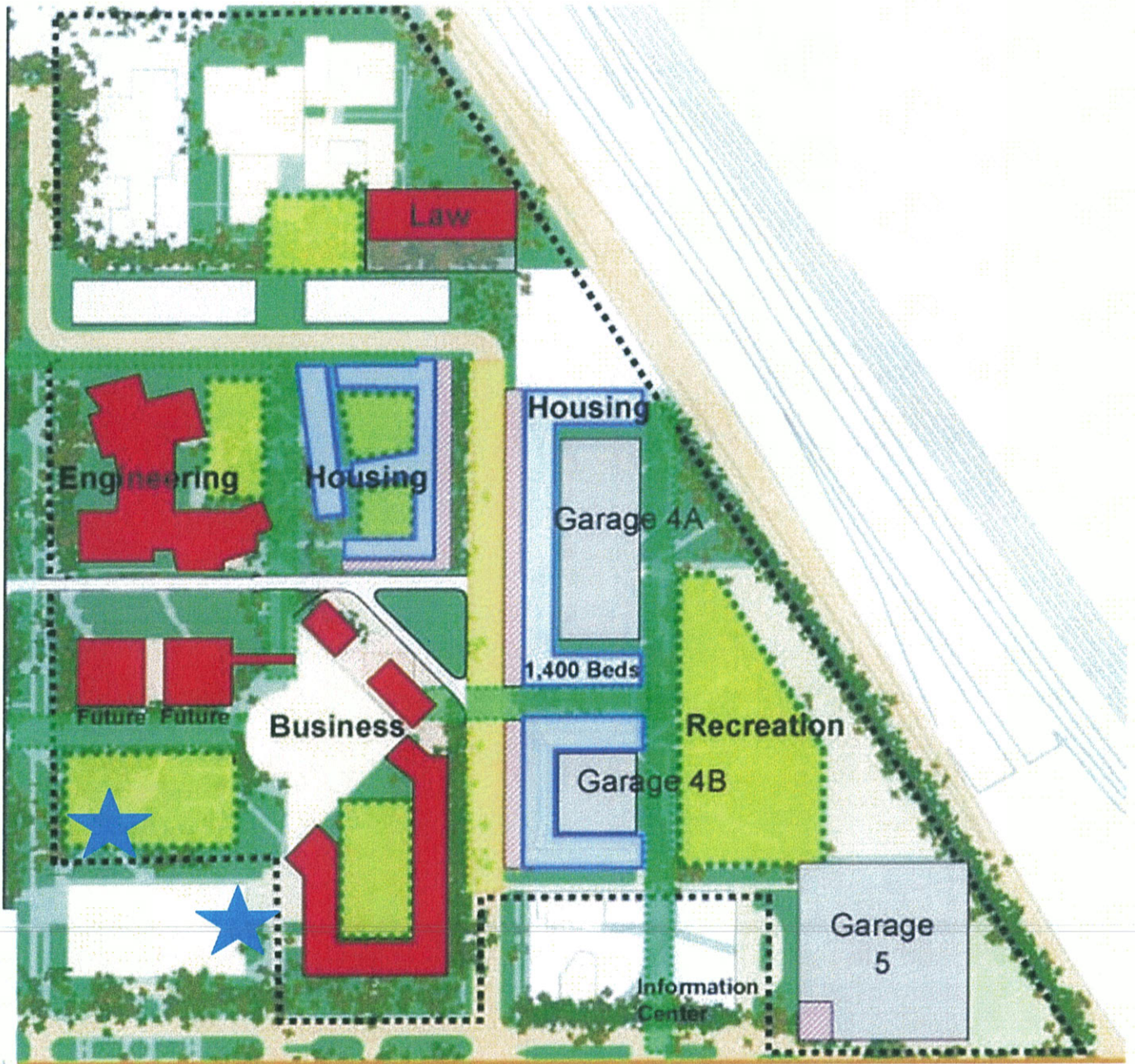
Potential Second Level Add Alternate	10,000	16,000
--------------------------------------	--------	--------

**Proposed Schedule**

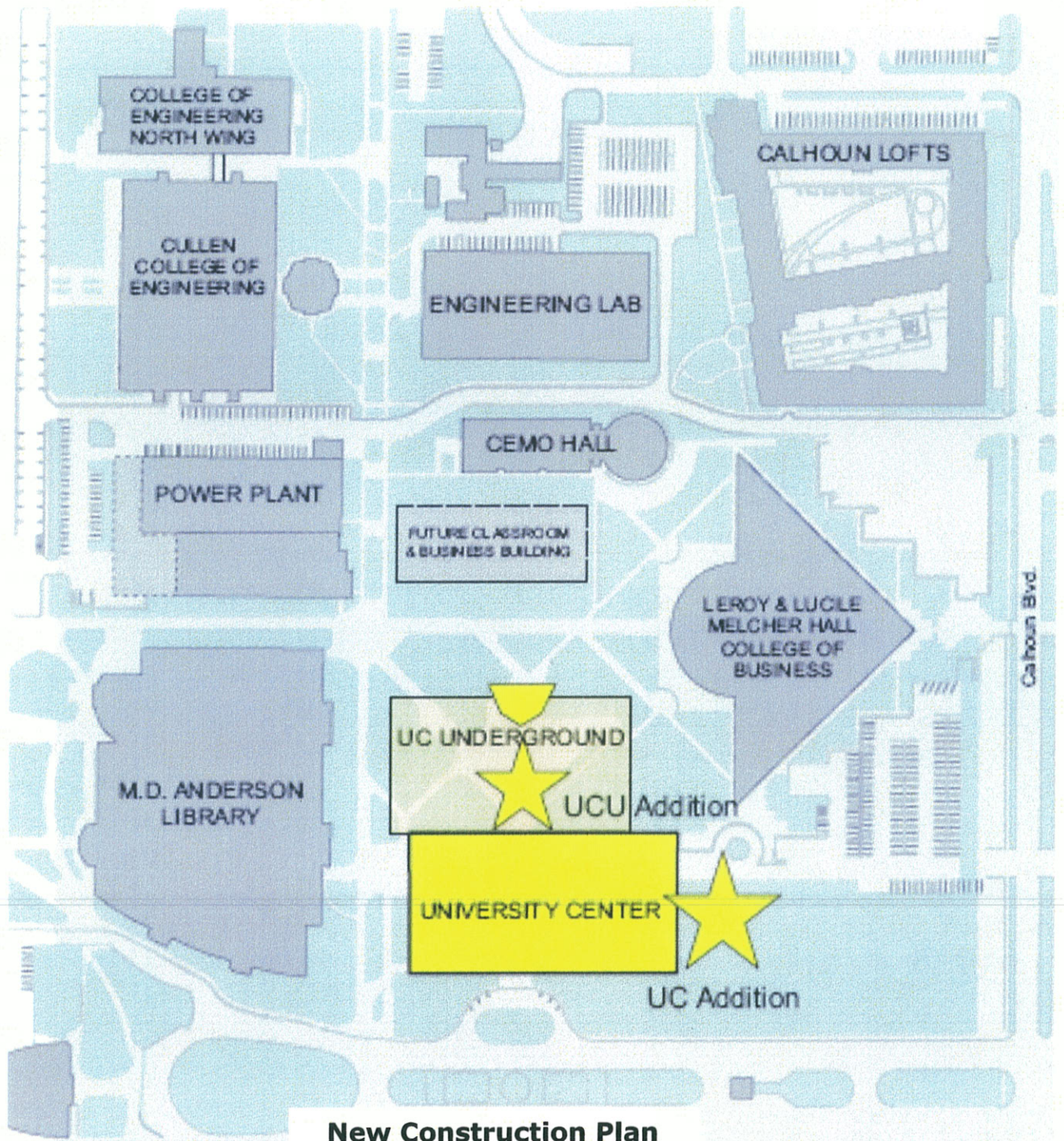
Design Begins	Spring 2011
Construction of Phase I Begins	Spring 2012
Phase I Final Occupancy	Fall 2013
Construction of Phase II Begins	Fall 2013
Phase II Final Occupancy	Summer 2015



**PROJECT LOCATION**



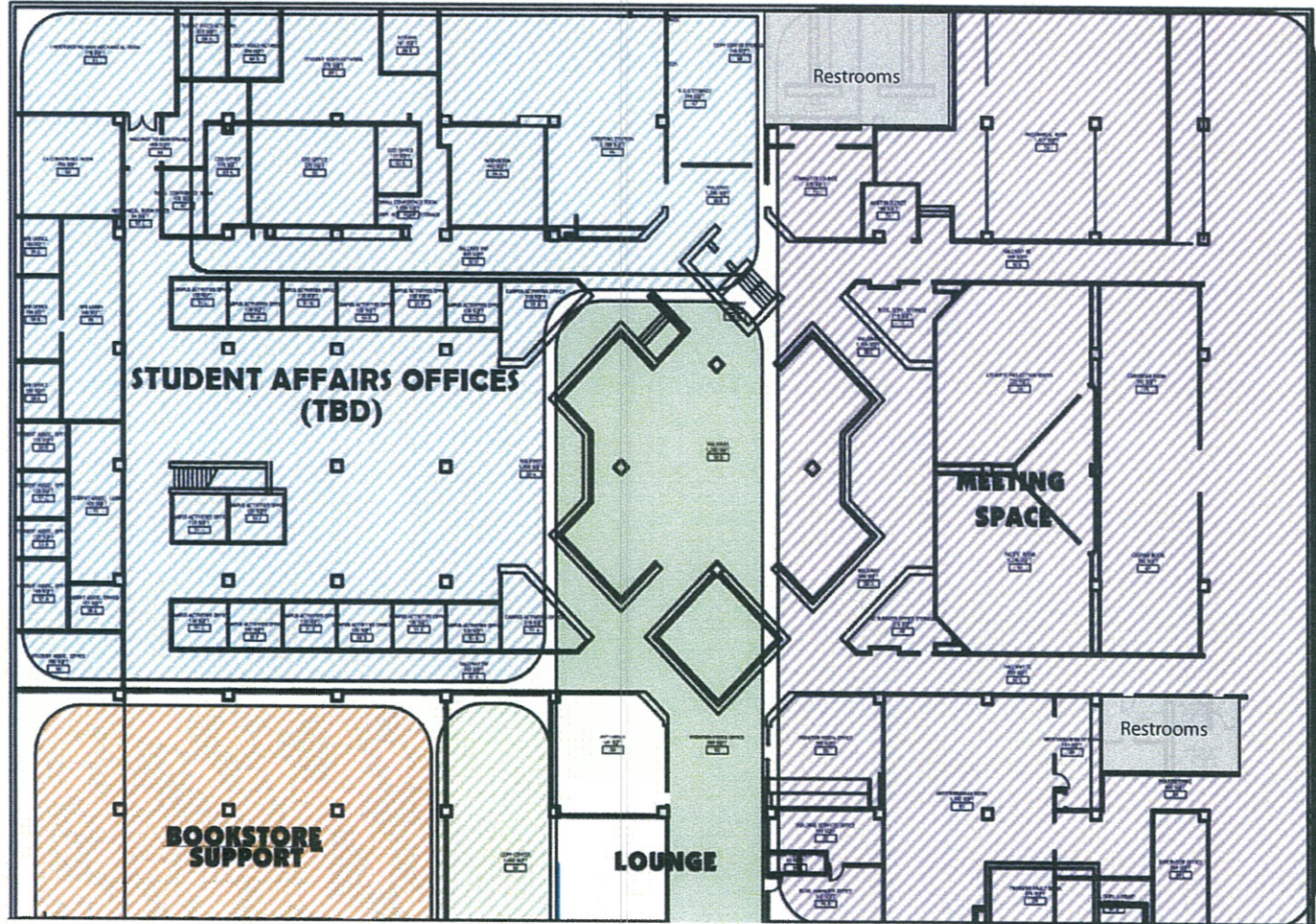
**Campus Framework Plan  
Professional Precinct**



**New Construction Plan and Addition Location**

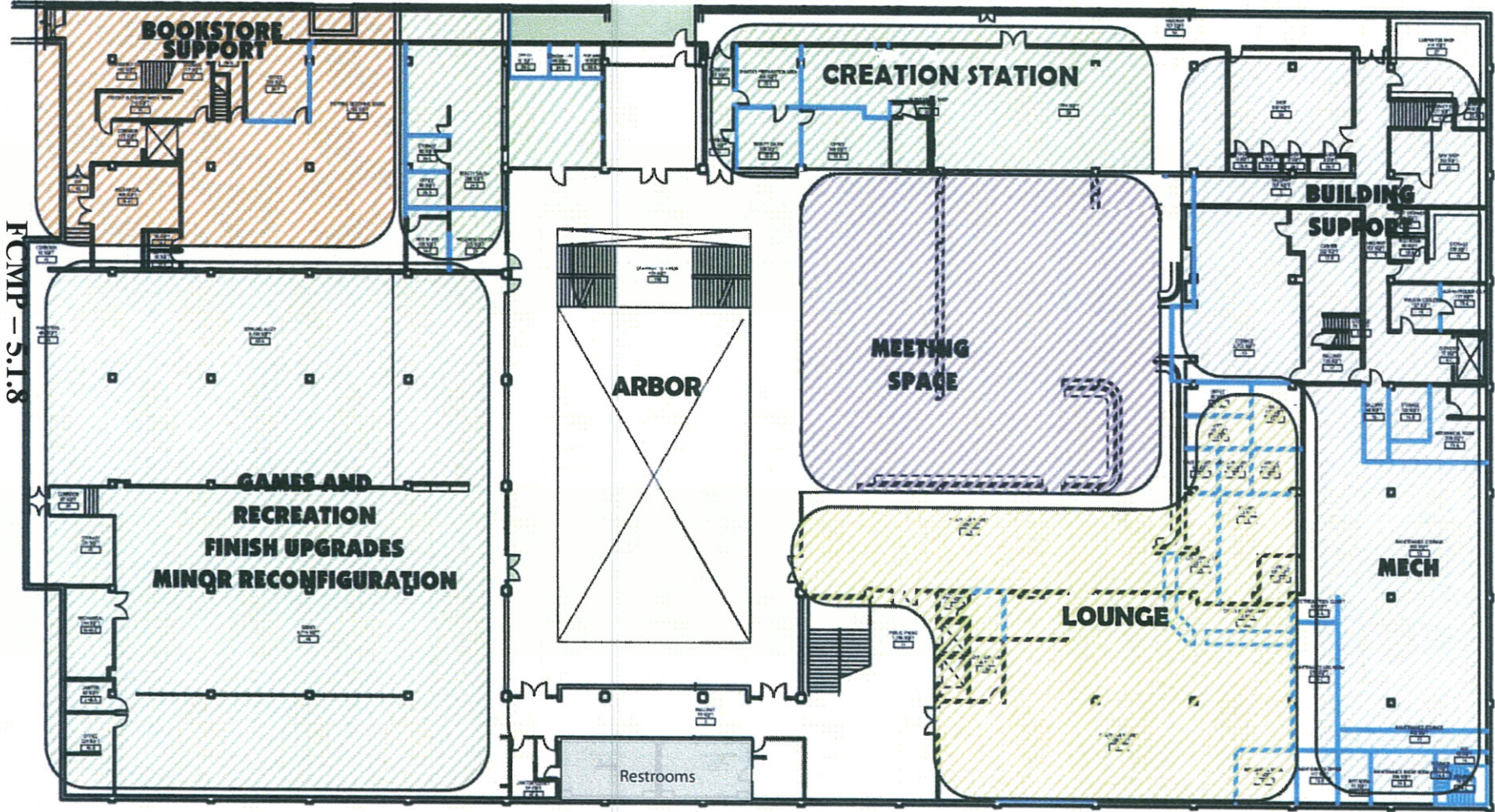
# UC Underground

## Phase 1



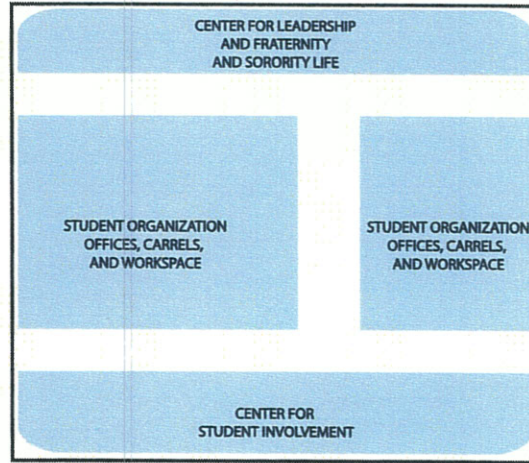
# Ground Floor

## Phase 2

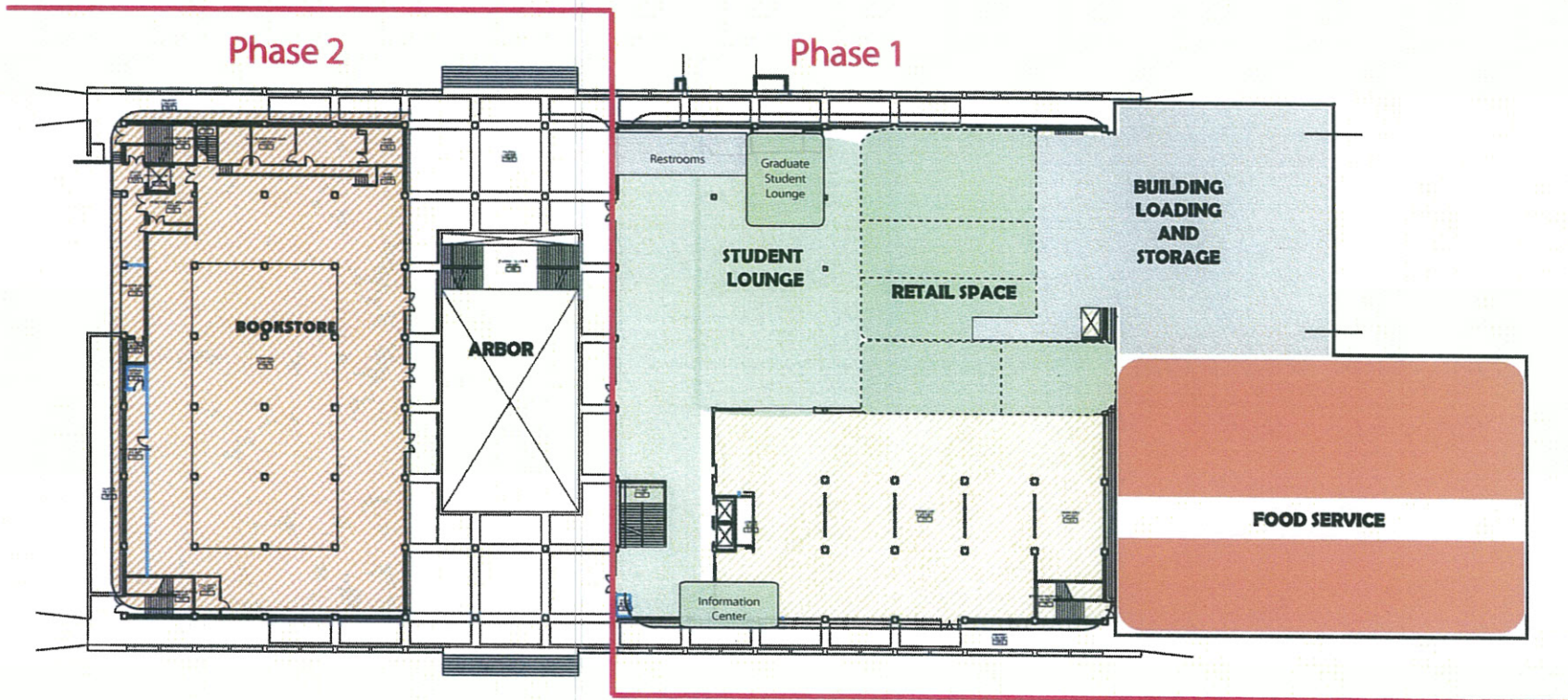


# First Floor

OUTDOOR PERFORMANCE  
AND SEATING SPACE

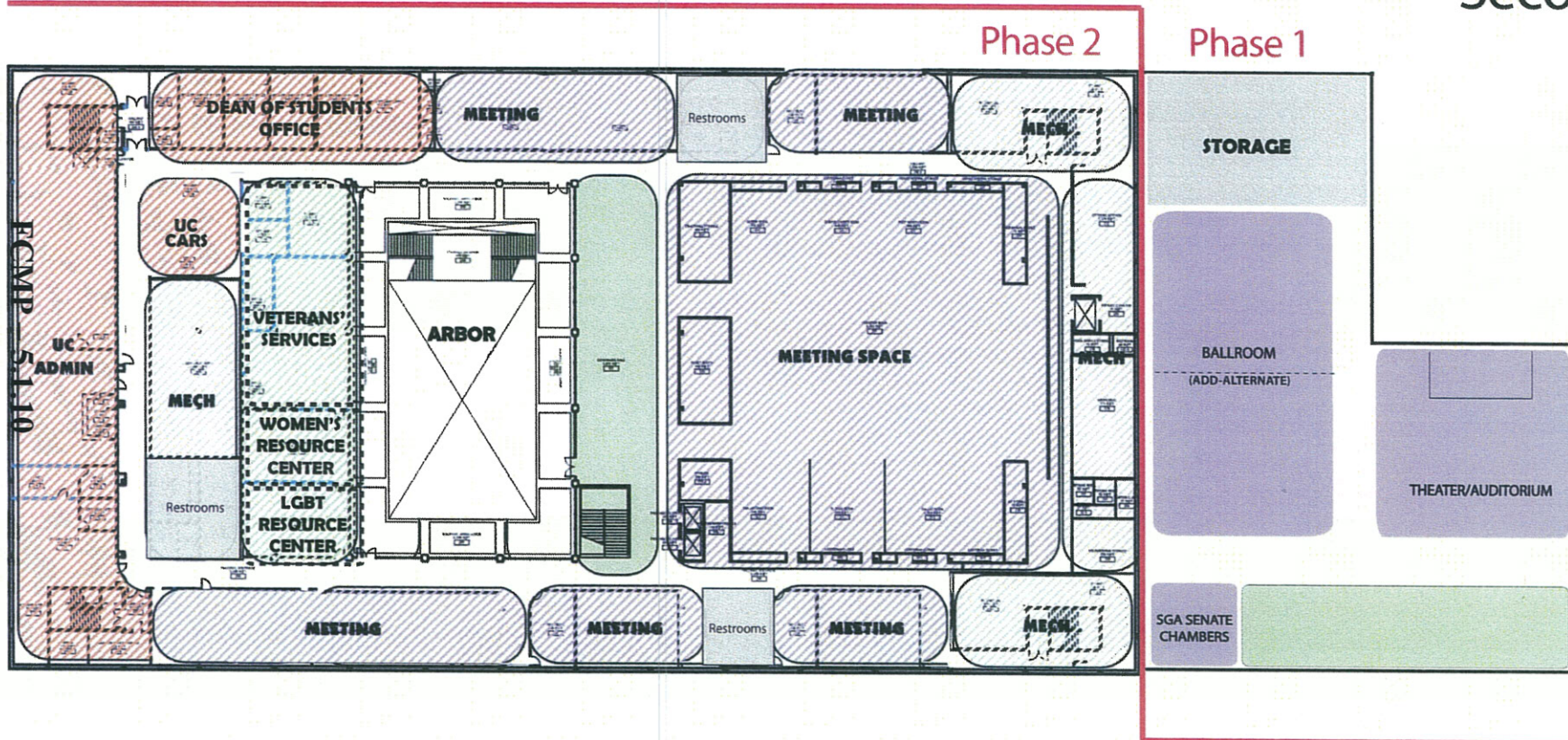


FCMP - 5.1.9





# Second Floor



## UC Expansion/Renovation Project Summary

The first phase of the plans proposes an addition east of the UC to which utility-intensive dining areas will be located, thus minimizing MEP renovation of the existing facility. Above the first floor dining areas, the second floor of the addition will house a 400-seat theatre space, a Senate Chamber for SGA, and (contingent on funding) a 600-person ballroom.

A second addition will be constructed above the UC North Patio (above the UC Underground) to avoid the otherwise necessary cost of stripping the patio of its stair vestibule, paving, and landscaping, waterproofing the UC shell, and replacing the plaza improvements. The North Patio addition will become the new home of student organization offices, carrels, and workspaces.

These additions will be followed by renovation of the existing building including eliminating deferred maintenance items.

### Program Details.

The UC, including the University Center Underground (“UCU”), dates from 1967 and have not received significant renovations since the early 1970’s. After undertaking several years of feasibility studies, focus groups and student interviews, the University has identified a two-phased scope that, when completed, will provide an unprecedented level of tier one service to the University of Houston community as the population moves toward 45,000 students. The Project responds to the top criteria identified in the initial student survey data and feedback:

- Relocation of Campus Activities/Center for Student Involvement from the UCU
- Enclosing the UC Arbor
- Improved social and small-group study space
- 24-hour access to some lounge space
- Improved dining options
- Improvements to outdoor space

Phase One. Includes a new building addition east of the existing UC (the “*UC Addition*”), a new addition over the existing UCU (the “*UCU Addition*”), waterproofing improvements above the existing UCU, landscape/hardscape improvements surrounding both new additions, and renovations to the east side of the ground level of the existing UC.

UC Addition: A two-story structure consisting of a total (approximate) 42,600 GSF. The ground level will house all food service and second level will accommodate the Student Government Association Conference Chambers and a new 400-seat theater/meeting space. Design should contemplate future expansion on the second level for a 16,000 GSF ballroom and ballroom support and storage space (Add Alternate #1). This addition shall connect to the existing UC at the ground level, creating cohesiveness between the new food service space and the dining, lounge and retail space to be located in the newly renovated east half of the ground level of the existing UC, and at the second level. The required modifications to the existing UC will be developed during program confirmation/SD development. The UC Addition will additionally require the relocation of the existing loading dock and support space to serve both the ground level food service and dining and retail corridor and the UCU Addition. Owner will also consider construction of a second level outdoor terrace as an add alternative to the base program.

UCU Addition. A one story addition containing approximately 32,000 GSF. This UCU Addition will house all existing Student Organization program space currently located within the UCU. The intent in building over the existing UCU is to take advantage of the

structural capacity of the existing UCU roof and shell while also allowing the opportunity to “open up” and improve the dynamic of the UCU with natural light, open stair access, etc. This concept can be further explored in schematic design development. This work will require the complete removal of existing hardscape and landscape material above the existing UCU. In order to preserve some level of outdoor entertainment and community space for special events above the portion of the UCU not covered by the addition the portion of the existing UCU space not covered within the shell of the addition will be re-waterproofed, drainage improved and re-covered in the completion of the hardscape/landscape improvements.

Phase Two. Base-to-standard renovation of the existing UC and UCU including completely new MEP systems (more thoroughly described below), complete roof replacement, ADA and life safety code modifications, interior finish improvements to existing elevators, abatement of any remaining ACM or lead containing materials, expansion joint stabilization as well as modernization of existing fire alarm, security systems and upgrades to existing A/V systems. Improvements to the exterior skin will be considered as an add alternative to the base program. Improvements to the existing UC shall also include enclosing the existing first level arbor space on the North and South sides, becoming indoor conditioned space. No improvements are intended for the existing skylight system. Architecturally, all spaces within the existing facility will be restored to a similar level of finish as exists currently with only minor modifications and improvements to the existing programmatic function. Incidental to those improvements will be the renovation of existing program space largely without major changes to level of finish or function, while preserving as much of the interior layout/architectural elements as feasible, logical and economical given the extent of the MEP work involved. Additional renovation improvements will be required to accommodate the new layout for a retail corridor, dining area and lounge on level one adjacent to the new east addition. Additionally, the existing large ballroom space on the second level (The Houston Room) will receive a facelift/finish modernization (to be developed as a deductive alternate for GMP pricing). Renovations on the second level should also consider a more centralized organization for the existing University Center Administration and Dean of Students Office. The renovation work will open up space for the Daily Cougar operation including production space, offices, storage, advertising and yearbook operations (approximately 5700 GSF). The remaining UCU will continue to function as lounge, general office, meeting and mechanical space, with only minor finish improvements.

**UNIVERSITY OF HOUSTON SYSTEM  
BOARD OF REGENTS AGENDA**

**COMMITTEE:** Facilities, Construction and Master Planning

**ITEM:** Approval of scope for Energy Research Park Building One Renovation at the University of Houston

**DATE PREVIOUSLY SUBMITTED:**

**SUMMARY:** Approval is requested for the scope for renovating Energy Research Park Building One of approximately 55,000 GSF at the University of Houston.

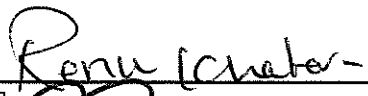

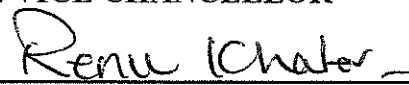
Energy Research Park Building One is the signature building at the Research Park. A three level office building, it will be renovated to bring the building up to code and to correct deficiencies in the building envelope. The building will house University Services, UH Advancement and university partner tenants. Renovations will also support the relocation of some Building Two tenants, creating necessary flex space to allow renovations of other buildings.

**SUPPORTING DOCUMENTATION:** Energy Research Park Building One Project Description, Site Plan

**FISCAL NOTE:** See corresponding Finance and Administration agenda item

**RECOMMENDATION/  
ACTION REQUESTED:** Administration recommends approval of this item

**COMPONENT:** University of Houston

PRESIDENT	 Renu Khator	5/6/11 DATE
EXECUTIVE VICE CHANCELLOR	 Carl Carlucci	5/2/2011 DATE
CHANCELLOR	 Renu Khator	5/6/11 DATE

## Energy Research Park Building 1 Project Description

Energy Research Park Building One is the signature structure at the Energy Research Park and as such it has historical and architectural significance. This project will renovate this important building to meet code requirements, bring it up to standards, allow for increased usage and extend the useful life of the structure.

Three floors of Energy Research Park Building 1 equaling approximately 55,000 GSF will be renovated to bring the building up to code and correct deficiencies in the building envelope. The building will house University Services, UH Advancement and university partner tenants. Renovations will also support the relocation of some Building Two tenants, creating necessary flex space to allow renovations of other buildings.

The renovation includes the following items:

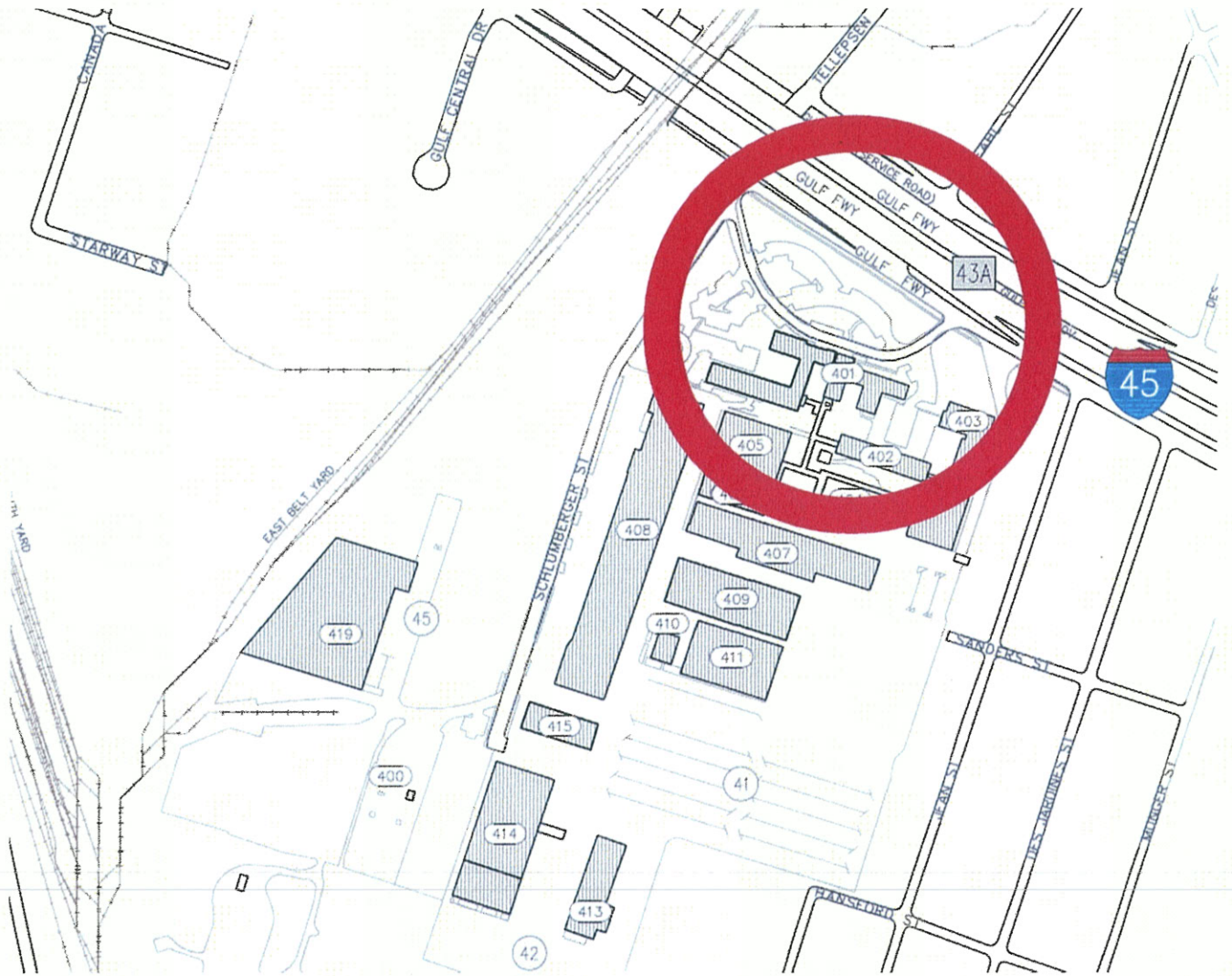
- asbestos and mold abatement
- a new roof and any related roof structure repairs, insulation, drainage and terrace guardrails
- replacement of all leaking windows; repair of brick lintels; repair of damaged canopies; new handrails; brick tuckpointing; new entry doors with automatic openers
- all work necessary to comply with Texas Accessibility Standards, including new ramps, restroom upgrades and door hardware
- installation of a new security system including cameras and access control systems
- repair or replacement of all major building systems to comply with building codes and University standards, including a new fire alarm system, new sprinkler system, modified and supplemental HVAC, electrical system upgrades including replacement of existing light fixture lamps and ballasts, switchgear, panels and distribution
- new voice/data cabling to comply with University standards
- interior finish upgrades including flooring, base, paint, ceiling tile & grid
- modification to any interior partitions required to be fire rated

Most interior partitions and electrical outlet locations will remain in place in order to minimize the amount of renovation required.

### Proposed Project Schedule

Design starts	April 2011
Construction starts	Oct. 2011
Substantial Completion	May 2012
Occupancy	June 2012

SITE MAP





FCMP - 6.1.3

**UNIVERSITY OF HOUSTON SYSTEM  
BOARD OF REGENTS AGENDA**

**COMMITTEE:** Facilities, Construction and Master Planning

**ITEM:** Approval is requested to delegate authority to the Chancellor to convey a 375 square foot easement to the City of Houston

**DATE PREVIOUSLY SUBMITTED:**

**SUMMARY:**

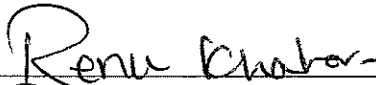


Approval is requested to delegate authority to the Chancellor to convey a 375 square foot easement to the City of Houston to accommodate a City of Houston water meter. The .0086 acre water meter easement will provide a location for the meter that is being installed as a part of the construction of the new Science Teaching Lab Building and to provide access for the City to maintain this device. As the University will accrue substantial benefit from this new line, the consideration of \$1.00 is appropriate. Accuracy of the easement documents has been verified through site inspections.

**SUPPORTING DOCUMENTATION:** Project Scope Information

**FISCAL NOTE:** \$1.00

**RECOMMENDATION/  
ACTION REQUESTED:** Administration recommends approval of this item

**COMPONENT:** University of Houston

 _____ <b>PRESIDENT</b>	Renu Khator	<u>5/6/11</u> <b>DATE</b>
 _____ <b>EXECUTIVE VICE CHANCELLOR</b>	Carl Carlucci	<u>5/2/2011</u> <b>DATE</b>
 _____ <b>CHANCELLOR</b>	Renu Khator	<u>5/6/11</u> <b>DATE</b>



County: Harris  
Project: U of H Fleming  
M.S.G. No.: 101284  
Job Number: 1909

**FIELD NOTES FOR 0.0086 ACRE  
PROPOSED 15'x25' WATER METER EASEMENT**

Being a tract of land containing 0.0086 acre (375 square feet), located in Luke Moore Survey, Abstract 51, in Harris County, Texas; Said 0.0086 acre tract being out of a called 75.0 acre tract of land recorded in the name of The University of Houston in Volume 1383, Page 69, of the Harris County Deed Records (H.C.D.R.); Said 0.0086 acre tract being more particularly described by metes and bounds as follows (bearings and coordinates are based on Texas South Central Zone Number 4204, State Plane Grid Coordinates (NAD 83), to convert coordinates to surface, divide by a combined scale factor of 0.99988862263):

**COMMENCING** at a 5/8-inch iron rod found (grid coordinate: X: 3,127,331.63; Y: 13,826,910.61) on the east line of a called 58.79 acre tract of land as recorded in Volume 1158, Page 564, of the H.C.D.R. at the most northerly corner of a transition line from the west right-of-way (R.O.W.) line of Cullen Boulevard (eighty feet wide per Volume 1035, Page 441, of the H.C.D.R.) to the north R.O.W. line of Wheeler Avenue;

Thence, through and across said Cullen Boulevard, South 72 degrees 36 minutes 13 seconds East, a distance of 80.00 feet to a point for the most northerly corner of a transition line from the east R.O.W. line of said Cullen Boulevard to the north R.O.W. line of Wheeler Avenue (eighty feet as widened by Volume 2289, Page 335, of the H.C.D.R.);

Thence, with the west line of said 75.0 acre tract and the east R.O.W. line of said Cullen Boulevard, North 17 degrees 29 minutes 57 seconds East, a distance of 1,445.04 feet to an angle point, from which an "X" cut found (grid coordinate: X: 3,128,315.44; Y: 13,829,439.51) in concrete at a point of tangency in said east R.O.W. line bears North 21 degrees 55 minutes 54 seconds East, a distance of 1,266.61 feet;

Thence, through said 75.0 acre tract, the following two (2) courses:

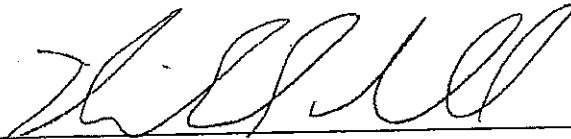
1. South 72 degrees 38 minutes 43 seconds East, a distance of 28.76 feet to a 5/8-inch iron rod with "Miller Survey Group" (MSG) cap set for the southwest corner and **POINT OF BEGINNING** (grid coordinate: X: 3,127,869.87; Y: 13,828,256.12) of the herein described tract;
2. North 17 degrees 29 minutes 57 seconds East, a distance of 25.00 feet to a 5/8-inch iron rod with MSG cap set on the south line of a 10 foot wide waterline easement of record in H.C.C.F. Number X098478, for the northwest corner of the herein described tract;

Thence, with the south line of said easement, South 72 degrees 38 minutes 43 seconds East, a distance of 15.00 feet to a 5/8-inch iron rod with MSG cap set for the northeast corner of the herein described tract;

Thence, through said 75.0 acre tract, the following two (2) courses:

1. South 17 degrees 29 minutes 57 seconds West, a distance of 25.00 feet to a 5/8-inch iron rod with MSG cap set for the southeast corner of the herein described tract;
2. North 72 degrees 38 minutes 43 seconds West, a distance of 15.00 feet to the **POINT OF BEGINNING** and containing 0.0086 acre (375 square feet) of land.

An Exhibit of the subject tract has been prepared by Miller Survey Group and accompanies this description.

  
Michael Hall, R.P.L.S.  
Texas Registration No. 5765



Miller Survey Group  
Ph: (713) 413-1900  
December 2, 2010  
Revised: March 11, 2011  
101284

NOTES:

1. ALL BEARINGS AND COORDINATES SHOWN HEREON ARE BASED UPON TEXAS SOUTH CENTRAL ZONE No. 4204 STATE PLANE GRID COORDINATES (NAD83) AND MAY BE BROUGHT TO SURFACE BY APPLYING A COMBINED SCALE FACTOR OF 0.99988852263. ALL DISTANCES SHOWN HEREON ARE SURFACE.
2. A METES AND BOUNDS DESCRIPTION OF THE SUBJECT HAS BEEN PREPARED BY MILLER SURVEY GROUP AND ACCOMPANIES THIS EXHIBIT.



LINE TABLE		
LINE	BEARING	DISTANCE
L1	S72°38'43"E	28.76'
L2	N17°29'57"E	25.00'
L3	S72°38'43"E	15.00'
L4	S17°29'57"W	25.00'
L5	N72°38'43"W	15.00'

CALLED 38.76 ACRES  
VOL. 4698, PG. 314 H.C.D.R.

HOLMAN STREET

CALLED 58.79 ACRES  
VOL. 1158, PG. 564 H.C.D.R.

CULLEN BOULEVARD (80' R.O.W.)  
Vol. 1035, Pg. 441 H.C.D.R.

FND "X" CUT  
IN CONC.  
R: 3128315.44  
I: 13828439.51

L=628.32'  
R=2000.00'  
Δ=18°00'00"  
CHB=S26°29'57"W  
CHD=625.74'

N21°55'54"E  
1266.61'

LUKE MOORE SURVEY  
A-51

THE UNIVERSITY OF HOUSTON  
CALLED 75.0 ACRES  
VOL. 1383, PG. 69 H.C.D.R.

UNIVERSITY PARK  
ENTRANCE No. 14

10' WATERLINE EASEMENT  
H.C.C.F. No. X09847B

L1  
L2  
L3  
L4  
L5  
P.O.B.  
SETS 5/8" CIR  
R: 3127859.87  
I: 13828256.12

0.0086 ACRE  
375 SQUARE FEET

THE UNIVERSITY OF HOUSTON  
CALLED 75.0 ACRES  
VOL. 1383, PG. 69 H.C.D.R.

P.O.C.  
FND5/8" IR  
X: 3127331.63  
Y: 13826910.81

S72°36'13"E  
80.00'

WHEELER AVENUE (80' R.O.W.)  
WIDENED BY VOL. 2289, PG. 335 H.C.D.R.

FCMP-7



CITY OF HOUSTON  
PUBLIC WORKS AND  
ENGINEERING DEPARTMENT

DATE: \_\_\_\_\_

ASSISTANT DIRECTOR

RIGHT OF WAY SECTION

KEY MAP NO. 534 A

GIMS MAP NO. 5456 D

PARCEL NO.

CIP NO.

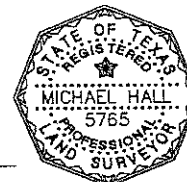
GFS NO.

C.M. NO.

LEGEND

- H.C.D.R. = HARRIS COUNTY DEED RECORDS
- H.C.C.F. = HARRIS COUNTY CLERK'S FILE
- No. = NUMBER
- IR = IRON ROD
- FND = FOUND
- CIR = CAPPED IRON ROD
- VOL = VOLUME
- PG. = PAGE
- P.O.C. = POINT OF COMMENCEMENT
- P.O.B. = POINT OF BEGINNING
- R.O.W. = RIGHT-OF-WAY
- ⊙ = FOUND MONUMENTED CORNER (AS DESCRIBED HEREON)
- = SET 5/8" IRON ROD WITH "MILLER SURVEY GROUP" CAP

MICHAEL HALL, R.P.L.S.  
TEXAS REGISTRATION NO. 5785



3/1/11

REVISED 03/11/2011 TO CHANGE VESTING DEED INFORMATION

EXHIBIT

BEING 0.0086 ACRE LOCATED WITHIN THE LUKE MOORE SURVEY, A-51, AND BEING OUT OF A CALLED 75.0 ACRE TRACT OF LAND RECORDED IN THE UNIVERSITY OF HOUSTON IN VOL. 1383, PG. 69 OF THE H.C.D.R. IN HARRIS COUNTY, TEXAS

**MILLER**  
SURVEY GROUP

1760 WEST SAM HOUSTON PARKWAY NORTH  
HOUSTON, TEXAS 77063  
PHONE 713-413-1900 FAX 713-413-1944

JOB NO.: 1909

SCALE: 1" = 50'

DATE: 12-02-10

FIELD BOOK: N/A

DWG. NO.: 1909-WMC

DRAWN BY: MMH

CHK. BY: BEW

MAP NO.: 101284

**UNIVERSITY OF HOUSTON SYSTEM  
BOARD OF REGENTS AGENDA**

**COMMITTEE:** Facilities, Construction and Master Planning

**ITEM:** Approval is requested to delegate authority to the Chancellor to convey a water meter access easement to the City of Houston

**SUMMARY:**

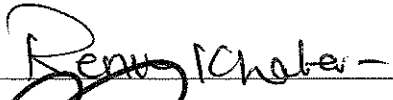

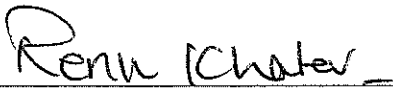
Approval is requested to delegate authority to the Chancellor to convey a 1,048 square foot (20' x 52.41') water meter access easement to the City of Houston to provide a location for the meter and to provide access for the City to maintain this device. The water meter will serve the new Health and Bioscience Building.

**SUPPORTING DOCUMENTATION:** Site Map

**FISCAL NOTE:**

**RECOMMENDATION/ ACTION REQUESTED:** Administration recommends approval of this item

**COMPONENT:** University of Houston

<b>PRESIDENT</b>	 Renu Khator	<u>5/6/11</u> <b>DATE</b>
<b>EXECUTIVE VICE CHANCELLOR</b>	 Carl Carlucci	<u>5/3/2011</u> <b>DATE</b>
<b>CHANCELLOR</b>	 Renu Khator	<u>5/6/11</u> <b>DATE</b>

FCMP - 8.1.1





2

CAUTION! EXIST. AND CENTERPOINT FACILITIES IN VICINITY. PROVIDE 12" MIN. VERTICAL CLEARANCE (SEE NOTE-3)

SBC CABLE ENERGY GAS WITH VAULT (PARK ENVIRONMENTAL EQUIPMENT, MODEL FMCCOH OR APPROVED EQUIVALENT) WITHIN 20'X25' WATER METER EASEMENT

PROP. 8" WATER METER (COMPOUND) WITH VAULT (PARK ENVIRONMENTAL EQUIPMENT, MODEL FMCCOH OR APPROVED EQUIVALENT) WITHIN 20'X25' WATER METER EASEMENT

PROP. 20'X52.41' WATER METER ACCESS EASEMENT

REMOVE TREE IF NECESSARY, WITH OWNER'S CONSENT

PROP. 8" REDUCED PRESSURE BACKFLOW PREVENTOR (PARK ENVIRONMENTAL EQUIPMENT, MODEL RBP-8 OR APPROVED EQUIVALENT)

EXIST. FIRE HYDRANT TO REMAIN IN PLACE

PROP. 800'-8" WATER LINE (DR 18 PVC) (PVT.)

EXIST. ELEC. LINE IN VICINITY. PROVIDE 12" MIN. VERTICAL CLEARANCE (SEE NOTE-3)

PROP. 209'-8" SAN. SWR. (SDR 26 PVC) @ 0.44% (PVT.)

PROP. 19'-8" SAN. SWR. (SDR 26 PVC) @ 0.44% (PVT.)

PROP. 4'D SAN. MH W-FL=31.80 E-FL=32.30

PROP. 80'-6" SAN. SWR. (SDR 26 PVC) @ 0.65% (PVT.)

PROP. 4'D SAN. MH FL=30.78

PROP. 25'-8" SAN. SWR. (SDR 26 PVC) @ 0.44% (PVT.)

EXIST. ELEC. LINE IN VICINITY. PROVIDE 12" MIN. VERTICAL CLEARANCE (SEE NOTE-3)

PROPOSED BUILDING (H&BSC)

PROP. 2' SWR. (SDR 26 PVC) @ 0.44% (PVT.)

PROP. SAM WELL

PROP. 20'-8" LAB WASTE LINE (SDR 26 PVC) @ 0.65% (PVT.)

CENTER ONE D.I.P. WATER CROSSING W/REST. JOINTS & AT LEAST 9' HORIZONTALLY FROM CENTERLINE OF S.S.

PROTECT THESE LINES UNTIL ABANDONED

PROP. 105'-4" D.I.P. WATER LINE (1" ABOVE THE ELECTRIC DUCTBANK) (PVT.)

PROP. 50'-4" WATER LINE (DR 18 PVC) (PVT.)

CONNECT TO THE EXIST. BUILDING FIRE LINE & SERVICE LINE

FCMP - 8.1.2

ONE SEGMENT OF 8" D.I.P. WATER SAN. SWR. (S.S.) W/REST. JOINTS & AT LEAST 9' HORIZONTALLY FROM CENTERLINE OF S.S.

UNDER PAVEMENT

OP 117'-8" POINT PIPE

UC COMM. CONDUIT

UC COMM. CONDUIT

15" SAN. SWR. ABAND. 24" WATER LINE

2-4" SLEEVE

2-4" SLEEVE

2-4" SLEEVE

2-4" SLEEVE

2-4" SLEEVE

2-4" SLEEVE

2-4" SLEEVE

2-4" SLEEVE

UC COMM. CONDUIT

UC COMM. CONDUIT

UC COMM. CONDUIT

UC COMM. CONDUIT

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**UNIVERSITY OF HOUSTON SYSTEM  
BOARD OF REGENTS AGENDA**

**COMMITTEE:** Facilities, Construction and Master Planning

**ITEM:** University of Houston System Major Capital Projects and Master Plan Update

**DATE PREVIOUSLY SUBMITTED:**

**SUMMARY:**

A presentation will be given to the Board of Regents on major construction projects and master planning.

Attached are the current Board Approved Capital Projects Summary Report summarizing current projects underway, the current Board Approved Major Construction Projects Status Report giving details of each project and a Major Capital Projects and Master Planning Update Presentation.

**SUPPORTING**

**DOCUMENTATION:** Board Approved Capital Projects Summary, Board Approved Major Construction Projects Status Report, Major Capital Projects and Master Planning Update Presentation


**FISCAL NOTE:**

**RECOMMENDATION/  
ACTION REQUESTED:** Information

**COMPONENT:** University of Houston System

  
\_\_\_\_\_  
**EXECUTIVE VICE CHANCELLOR** Carl Carlucci

5/2/2011  
**DATE**

  
\_\_\_\_\_  
**CHANCELLOR** Renu Khator

5/6/11  
**DATE**

# University of Houston System

## MAJOR CAPITAL PROJECTS UPDATE

Board of Regents Meeting  
May 17, 2011



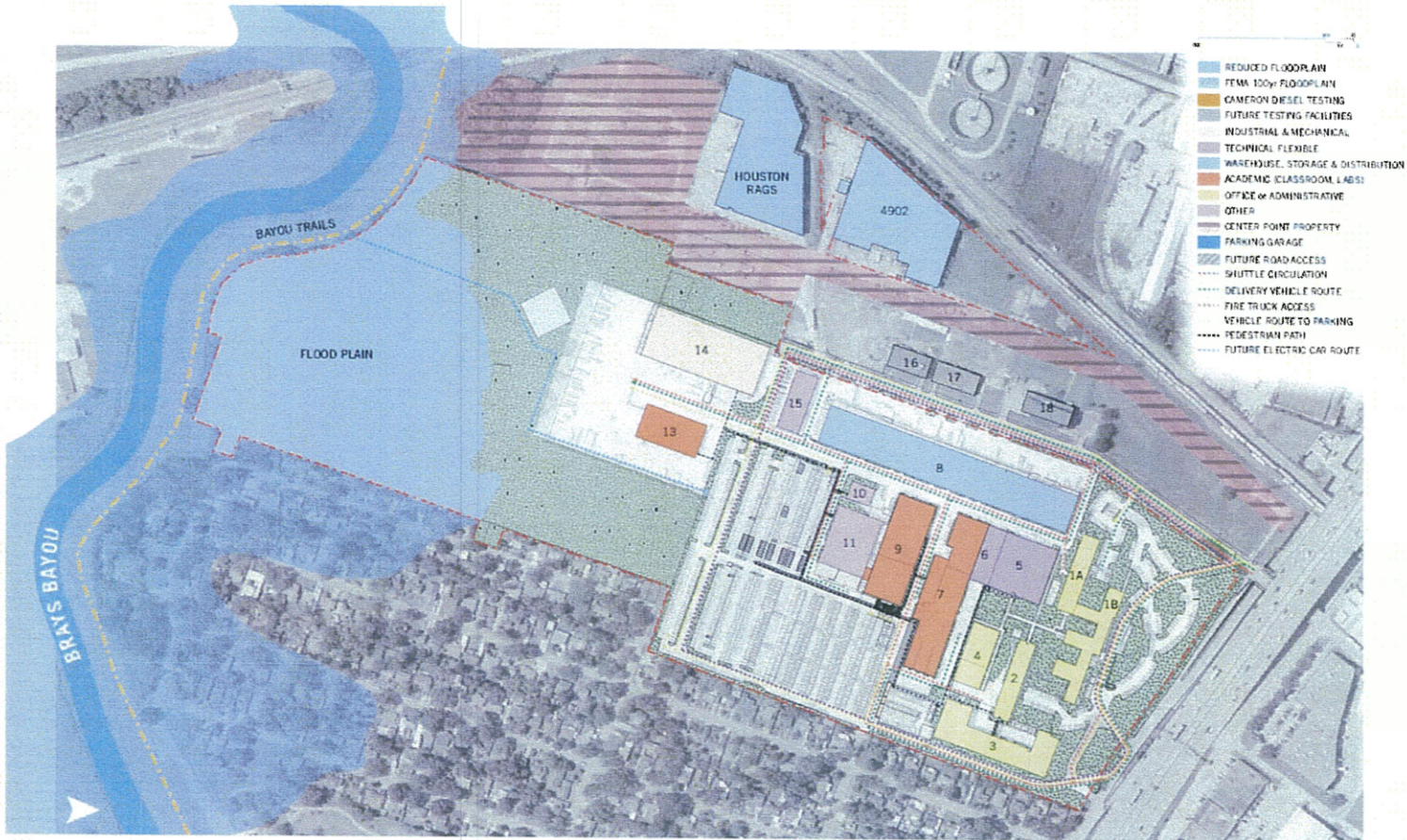
# UH Science Teaching Lab Building



- **Designing Buildout of Half of 4<sup>th</sup> Floor Shell Space for Chemistry Research**
- **Initial Portions of Project to Open January 2012**
- **Project now a Larger Portion of Science Buildings Renovation Project**
- **Fleming & Old Science Renovations to be Life Safety/Code Compliance Only**

# UH Energy Research Park

FCMP - 9.1.3



MORRIS  
ARCHITECTS  
PLANNING & DESIGN

UNIVERSITY OF HOUSTON ENERGY RESEARCH PARK

1-3 YEAR MASTER PLAN

12/28/2010

# UH Moody Renovation



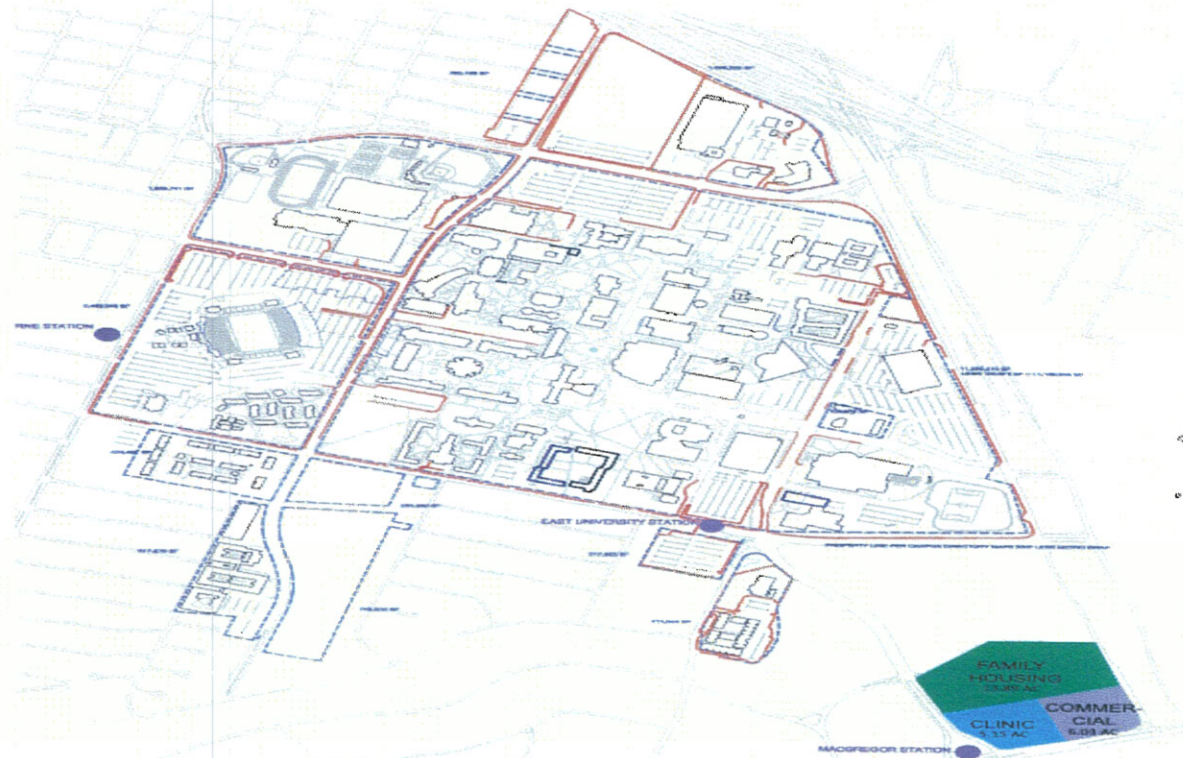
- \$3M Renovation/Updating This Summer
- Includes Carpet, Cabinetry, Finishes
- Renovation Requested by Students
- Increasing Residence Sign Ups

# UH Quadrangle Renovation



- \$2M Renovation/Updating This Summer
- Includes Carpet, Cabinetry, Finishes
- Renovation Requested by Students
- Increasing Residence Sign Ups

# UH Family Housing and Childcare Center



- Working with Private Developer on Housing/Childcare Complex
- Anticipate Ground Lease to August BOR Meeting
- Project opening August 2013

# UH Clear Lake Housing



- **Project Waiting for Approval of UHCL Downward Expansion**
- **250 Bed Complex to Include Student Support Space**
- **Anticipate Project Approval to August BOR Meeting**
- **Project opening August 2014**

# UH System Master Plan-Initial Findings

- Improved utilization would allow for new programs and research incubation in existing facilities
- UH System does not need to construct classroom space to accommodate Enrollment growth prior to 2015
- THECB space model overstates University space needs
- Online education growth changing type and amount of space needed on campus
- Each campus needs additional student support space to meet student success goals
- UH System needs additional research space but also needs to utilize existing space more effectively

BOARD APPROVED MAJOR CAPITAL PROJECTS STATUS - May 2011

Project Name	CFPC Approval	UH BOR Approval	THECB Approval	Bond Status	Project Description	Project GSF	Total Project Cost	Delivery Method	Project % Complete	Project Design Start Date	Project Design Completion Date	Project Construction Start Date	Project Complete Date	Pre-Design Firm	A/E Design Firm:	Contractor	Project Mgr.	Construction Status
<b>PROJECTS IN CONSTRUCTION</b>																		
UH Cemo Hall	Apr-08	Apr-07	Jun-07	N/A	This project constructs a 34,000 GSF building designed to LEED Silver standards with 400-seat lecture hall; three 80-seat classrooms, and academic center which will include a testing center, career center, and TA offices.	34,000	9,600,000	CMAR	99%	Aug-08	Jan-09	Mar-09	Jun-11	In-House	BNIM	J.E. Dunn	Katherine Miller	Classroom de watering system completed. Completing water infiltration corrections, final punch-list items, and building envelope adjustments.
UH Central Plant Utilities Expansion	Program Apr. 09, Design Aug. 09	Apr-09	Jan. 10	N/A	This project replaces existing Central Plant equipment with 3 new boilers; the project will also replace existing cooler towers 1 to 4 and add cooling tower #5. Three new chillers will be installed in the building expansion along with a new office suite for the plant staff.	10,000	38,700,000	CSP	20%	Feb-09	Jan-10	Aug-10	Sep-13	Shah Smith & Assoc.	Shah Smith & Assoc.	Vaughn Construction	Kelly Buehler	Phase 1 cooling tower replacement underway with towers 5 and 4. Phs. 1 scheduled for completion in Fall 2011
UH Science Teaching Lab Building (Formerly Fleming Addition)	Apr-08	May-08	May-08	Feb-09	This project is constructing a new bldg. for Chemistry and Biology teaching labs and constructing it first helps alleviate the problem of swing space. Projects bids allowed adding a floor of 20,000 sq. ft. shell space for NSM.	123,988	35,200,000	D-B	60%	May-09	Jan-10	Jul-10	Jan-12	LAS	PGAL	Hoar	Kelly Buehler	Exterior finishes are 75% complete. Interior work is progress with lab casework & equipment delivered. 1/2 of the 4th floor shell under design for construction.
UH S&R 1 Life Safety Upgrades	Apr-08	May-08	May-08	Feb-09	This project is a code citation correct project. Scope of work includes installing new stair pressurization system; replace domestic fire storage tank; installing complete fire sprinkler system; replace fire alarm system; modernize existing elevators, chilled water and fan coil unit replacement and general construction work.	214,326	14,600,000	CMAR	40%	Nov-09	Apr-10	Aug-10	Jun-12	In-House	LAS	Satterfield & Pontikes	Erwin Enojado	5th, 6th and 4th level renovations are complete. 2nd Floor South is underway
UH Energy Research Park Building 9A - Petroleum Engineering	Oct. 09	Aug-09	Jan. 10	TBD	This project renovates buildings at UBP for use for the UH Energy Research initiative and for the College of Engineering and Petroleum Engineering program. Includes Building system upgrades, deferred maintenance, site work, building fit out, IT and Communication upgrades and other required improvements.	24,000	5,100,000	CMAR	99%	Oct. 09	Mar. 10	Jun-10	Jun-12	In-House	Morris	Linbeck	Natalie Lewis	Project substantially complete, punch list underway. Revising mechanical room rated wall. Exterior signage on order
UH Energy Research Building 4- Administration Bldg.	Oct. 09	Aug-09	Jan-10	TBD	Project includes, roof repair, base building to standard with common area build out of new restrooms and mechanical rooms, HVAC infrastructure, and general repairs.	32,000	3,700,000	CMAR	30% construct. complete, 65% schedule complete	May-10	Aug-10	Sep-10	Jun-11	Morris	Morris	Linbeck	Natalie Lewis	Roof repair portion is substantially complete, punchlist being developed. New piers poured and 1st floor slab poured, restrooms having plumbing rough in.
UH Energy Research Park - Site Improvements	Oct. 09	1-Aug	Jan-10	TBD	This project includes general site improvements including shuttle route and parking upgrades, ADA updates, pedestrian circulation design and installation, wayfinding signage, landscaping and site furnishings.	N/A	2,000,000	VARIES	25%	May-10	Jun-11	Jul-11	Apr-12	PGAL	Morris	TBD	Keith Ivy, Wilbert Taylor	Budget includes master plan design fees. Implementation projects completed to date include guard station improvements, code blue phones and general site improvements. Scheduled improvements include shuttle route improvements, pedestrian linkages, landscaping and site furnishings.
UH Hilton Hotel Renovation	Dec-08	Aug-09	Oct. 07 and Oct. 09	N/A	This project renovated 90,428 SF of the Hilton College of Hotel and Restaurant Management. The renovation project included major upgrades of teaching areas, cosmetic upgrades of public areas and building infrastructure and structural upgrades. The renovation project is a result of a memorandum of understanding between UHS, the Hilton Corporation and the Hilton Foundation	90,428	13,611,000	CSB	99%	May-08	Mar-09	Aug-09	Mar-10	Portfolio Assoc.	Portfolio Assoc.	Continental Construction Company	Luiza Maal	Completing the close-out documentation of the original scope of the project. Additional scope related to Life Safety required upgrades was discovered during initial scope of the project. Scope and budget for these required code upgrades are being developed at this time. 4-5-2011 Contractor currently working on warranty items and replacement of cracked toilets.



BOARD APPROVED MAJOR CAPITAL PROJECTS STATUS - May 2011

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UH Health & Biomedical Sciences (formerly Optomtry Addition)	Aug-09	Aug-09	Jan-10	Feb-10	This project constructs a 157,000 GSF building to include an ambulatory surgical center, a laser center, University Vivarium, space for TIMES, research labs and offices.	167,000	70,000,000	CMAR	10%	Feb-10	Apr-11	Jan-11	Dec-12	Bailey Archs./Shepley Bulfinch	Bailey Archs./Shepley Bulfinch	Tellepsen	Frederick Maddox	Contractor mobilized 1-17-11. Auger Cast Piles complete. Grade beams, slab underground ongoing. Site Utilities 90% complete.
UH Classroom & Business Bldg. (formerly Bauer Business III)	Aug-09	Aug-09	Jan-10	Nov-09	This project constructs a five-story 146,900 GSF building. The first 2 floors will be University wide classrooms and academic space. The upper 3 floors will be built-out for the Bauer College to include EMBA Suite, student organization offices, classrooms and a Wolff Center for Entrepreneurship.	146,900	41,000,000	D-B	3%	Jul-10	Jul-11	Jan-11	Dec-12	WHR	Genster	Linbeck	Bernie Harless	Bids received on April 5 for 100% CD's of base building and interior build-out of floors 1-2. Site utilities approx. 80% complete. footings approx. 75% complete. Programming of 3rd floor near completion. DB team has been released to begin CD's for floors 3, 4 & 5.
UH Arbor Building Renovations - UHCL	N/A	Aug-08	Aug-08	Feb-09	This project renovates and remodels 3,500 sf of the existing Arbor building and add approximately 31,000 GSF of new space.	23,500	11,600,000	CSP	75%	Aug-08	Dec-09	Apr-10	Aug-11	In-House	SHW Group	Palmer Construction, LLC	Dean Ruck	Additions fully framed and dried in. Insulation and drywall in progress. MEP rough-in is complete. Re-coating existing cooling towers. New construction substantial completion July 1. Renovation drywall with MEP rough in. Overall project completion is August 31, 2011
UHV - Jaguar Hall	N/A	9-Aug	Dec-10	9-Dec	The project renovates an existing hotel to serve as a Freshmen Residence Hall.	140,000	10,600,000	CMAR	99%	Feb-10	Jun-10	May-10	Jun-11	In-House	PSP	Krueger Construction	Luiza Maai	Project substantially complete. Final Punch list work underway.
PROJECTS IN DESIGN																		
UH Science (Phase 4A)	N/A	Feb-10	Mar-10	N/A	This project builds out the second and fourth floors. Phase 4A is 2,250 SF of level 2. Level 2 in on hold pending dept. of research approval. Level 4 is proceeding with schematic design.	40,000	15,000,000	CSP	100%	Sep-10	TBD	TBD	TBD	LAS	Philo Wilke	Vaughn Construction	Kelly Buehler	Project complete. Space occupied.
UH Stadium Parking Garage	Aug-09	Aug-09	Jan-10	Feb-10	This project constructs a 2300 car garage with 10,000 SF of mixed use space to meet faculty, staff, student and athletic parking needs and to replace parking lost to Metro Light Rail Train.	790,000	26,000,000	D-B	1%	Nov-10	May-11	Jul-11	Aug-12	WHR	WHR	VAUGHN	Morris Bennett	GMP approved. Precast shop drawing underway. Scheduled mobilization 7-18-11
UH Energy Research Park Building Renovations	Oct-09	Aug-09	Jan-10	TBD	Projects include renovations to Buildings 7A, 14B, 15 & 19	50,000	5,400,000	CMAR	0%	Mar-11	Varies	Jun-11	Apr-12	F+G	Morris, Brave & Others	Linbeck & Others	Natalie Lewis, Ken Oliver	Design Drawings underway for several renovation projects all scheduled for completion by Fall 2011 to Spring 2012.
PROJECTS IN PLANNING																		
UH Old Science Renovations	Apr-08	May-08	May-08	Feb-09	This project will renovate the Old Science Building for use by C.L.A.S.S.	57,000	3,331,000	CSB	1%	TBD	TBD	TBD	TBD	LAS	LAS	Satterfield & Pontikes	Kelly Buehler	LAS & Satterfield & Pontikes have been selected as the Architect & Construction Management at Risk contractor. This is planned as the last phase of a series of construction contracts. On hold pending Biology move to new Science Teaching Lab Bldg
UH Fleming Renovation	Apr-08	May-08	May-08	Feb-09	This project renovates a portion of the Fleming Building. The project will address the major life safety issues. It will also reorganize and relocate lab locations from Old Science and portions of Fleming, re-configure them for greater functionality and renovate the entire building.	269,000	7,900,000	CMAR	1%	TBD	TBD	TBD	TBD	LAS	LAS and P&W	Satterfield & Pontikes	Morris Bennett	Minor renovations have been completed on the 2nd floor to accommodate Physics teaching labs.
UH University Center Reno/Expansion	May-11	Aug-11	Sep-11	TBD	Renovation/expansion of University Center to include 2 additions and renovation of existing structure	246,000	80,000,000	CMAR	1%	Jun-11	TBD	TBD	TBD	Holzman Moss	TBD	TBD	Mei Chang	RFQ's for CM@R and A/E teams have been issued and shortlisted firms identified. RFP phase ongoing with selections expected 1st week in June
UH Cougar Village - Phase II	Apr-11	May-11	Jun-11	TBD	This project will constructed a 1,100 bed undergrad residential facility in the Wheeler Precinct, adjacent to and similar in features and appearance to the 7-story Phase 1 Cougar Village project.	339,000	50,000,000	D-B	1%	TBD	TBD	TBD	Aug-13	In-House	TBD	TBD	TBD	RFQ for D/B team selection in preparation. Issue date TBD.

BOARD APPROVED MAJOR CAPITAL PROJECTS STATUS - May 2011

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UH Cougar Place Replacement	Apr-11	Aug-11	Sep-11	TBD	600-1000 bed housing complex for sophomore and upper division students to replace existing cougar place apartments.	TBD	TBD	D-B	1%	TBD	TBD	TBD	Aug-13	In-House	TBD	TBD	Dave Irvin	RFQ for D/B team selection in preparation. Expect to be issued 1st week in May.
UH Family Housing/ Childcare	Nov-10	Aug-11	Sep-11	NA	400 bed apartment complex for families. Includes 2, 3, and 4 bedroom apartments plus childcare center. Proposed to be located at MacGregor property.	TBD	TBD	Private Developer/Ground Lease	1%	TBD	TBD	TBD	Aug-13	In-House	TBD	TBD	Dave Irvin	FPC will continue working with the one firm who submitted a proposal to see if agreement can be reached.
UH West Dining Hall	Feb-11	May-11	Jun-11	TBD	25,000 SF new building to house an approximately 600 seats dining hall. Includes multiple serving stations and full service fully equipped kitchen. The project will seek LEED silver certification.	25,000	9,300,000	D-B	1%	May-11	Oct-11	Nov-11	Jul-12	Courney Harper	TBD	TBD	Luiza Maal	Currently selecting design build firm. Interviews on April 12 & 13 of 2011.
UH Energy Research Park Building 1 - Admin. Bldg.	NA	May-11	Jun-11	TBD	Project includes roof replacement, base building to standard upgrades including building envelope and HVAC infrastructure and interior updates including new lighting, ceilings and flooring	60,000	7,500,000	CMAR	1%	Apr-11	Oct-11	Jul-11	May-12	F+G	Morris	Linbeck	Natalie Lewis	Design Drawings underway
UH Robertson Stadium	TBD	TBD	TBD	TBD	Renovation/expansion of Robertson Stadium	TBD	TBD	TBD	1%	TBD	TBD	TBD	TBD	A/E COM	A/E COM	TBD	TBD	Project planning is currently on hold while business plans and fund raising plans are finalized.
UH College of Pharmacy Building	TBD	TBD	TBD	TBD	This project would construct classrooms, teaching/research labs, ancillary student space, and offices. Project might also include build-out of 10,000 SF of Vivarium space in the new Health & Biomedical Building.	TBD	TBD	CMAR	TBD	TBD	TBD	TBD	TBD	In-House	TBD	TBD	Christa Howard	Initial Programming complete.
UH Lake Freshmen Housing	NA	TBD	TBD	TBD	200 bed freshmen housing complex for downward expansion. To be located in center of campus.	TBD	TBD	D-B	1%	TBD	TBD	TBD	TBD	In-House	TBD	TBD	Dave Irvin	Awaiting decision by the Legislature on UHCL downward expansion
UH Regional Economic Dev & Allied Health Bldg.	N/A	May-08	May-08	Jul-08	This project will house the Regional Economic Center as well as public spaces such as meeting rooms and a board room. The School of Business administration and the Allied Health Programs will also be housed in this space.	45,000	10,219,400	CSB	4%	TBD	TBD	TBD	TBD	P&W	Perkins + W&E / Rawley McCoy	TBD	Luiza Maal	Project on hold while UHV Masterplan being revised
UHV Sophomore Housing	N/A	Aug-11	Sep-11	TBD	200-252 bed housing complex for sophomore and upper division students adjacent to Jaguar hall	TBD	TBD	D-B	1%	TBD	TBD	TBD	Aug-13	In-House	TBD	TBD	Dave Irvin	RFQ's for design build teams have been issued and shortlisted firms identified. RFP phase ongoing with selections expected in June.

Project Name	CFPC Approval	UH BOR Approval	THECB Approval	Bond Status	Project Description	Project GSF	Total Project Cost	Delivery Method	Project % Complete	Project Design Start Date	Project Design Completion Date	Project Construction Start Date	Project Complete Date	Pre-Design Firm	A/E Design Firm:	Contractor	Project Mgr.	Construction Status
COMPLETED PROJECTS																		
UH SERC Phase III	NA	Aug-09	Jan-10	NA	This project builds out half fifth floor and half third floor; it also increases HVAC capacity for the entire building.	20,000	12,000,000	CMAR	100%	Sep-09	Jan-10	Mar-10	Feb-11	LAS	Philo Wilke	Vaughn Construction	Kelly Buehler	Project Completed

FCMP - 9.2.4

Project Name	CFPC Approval	UH BOR Approval	THECB Approval	Bond Status	Project Description	Project GSF	Total Project Cost	Delivery Method	Project % Complete	Project Design Start Date	Project Design Completion Date	Project Construction Start Date	Project Complete Date	Pre-Design Firm	A/E Design Firm:	Contractor	Project Mgr.	Construction Status
<b>PROJECTS IN CONSTRUCTION</b>																		
UH Lance T. Funston Communications Center / Jack J. Valenti School of Communication	Apr-09	Aug-09	Sep-09	N/A	This project adds 4875 GSF including a new entry, art production studio. Also renovates 14,000 GSF to include classroom upgrades, studio support, facilities, storage, faculty/staff offices.	14,00 (reno) 4,800 (new)	3,700,000	CMAR	90%	Oct-10	Jul-10	Sep-10	Jun-11	Keating/Khang (by others)	Jacobs Engineering	Bartlett Cocke	Dean Ruck	All major structural and MEP systems substantially complete. Interior finishes, millwork in progress. Owner move-in planned for early June. Exterior waterproofing and metal panel installation will follow move-in
UH MDA North Façade Exterior Waterproofing	N/A	NA	N/A	NA	Extensive repairs to the North Elevation of MDA Library	25,000	1,311,000	OCA	20%	May-11	Jul-11	Mar-11	Jan-12	NA	W P Moore	American Restoration	Ken Oliver	5 Phase Project. Currently in Phase 1. Project Completion Jan. 2012
UH SRH - Animal Care Operations	N/A	NA	N/A	NA	HVAC & Controls to meet Code, AALAC Requirements, Accreditation	16,000	3,059,000	OCA	90%	Mar-09	Jun-09	Oct-09	Oct-11	NA	Philo Wilke	Vaughn	Ken Oliver	Ductwork and Humidifiers Installation Pending
UH Cullen Engineering	N/A	NA	N/A	NA	Tier One Biomolecular Labs renovation	5,800	1,013,000	OCA	99%	Jul-10	Sep-11	Oct-10	May-11	NA	Philo Wilke	Vaughn	Ken Oliver	Completing Final Change Order and Punch List
<b>PROJECTS IN DESIGN</b>																		
UH Moody Towers Renovation	N/A	N/A	N/A	N/A	Project upgrades finishes including cabinetry, carpet, painting, furniture replacement; Project requested by students and funded by student rents	314,000	3,000,000	D-B	10%	Jan-11	May-11	May-11	Sep-11	In-House	Brave	TBD	Anna Wiesman	Design Complete. Construction to begin after Spring Semester.
UH Quadrangle Renovation	N/A	N/A	N/A	N/A	Project upgrades finishes including cabinetry, carpet, painting, furniture replacement; Project requested by students and funded by student rents	256,000	2,000,000	D-B	10%	Jan-11	May-11	May-11	Sep-11	In-House	Brave	Horizon	Anna Wiesman	Design Complete. Construction to begin after Spring Semester.
UH Bender Gallery	TBD	N/A	N/A	N/A	Exterior improvements to the existing courtyard, landscaping, curb cuts for visitor drop off, new north entry, and interior renovations.	7,896	2,000,000	CMAR	10%	Feb-11	Jun-11	Jul-11	Jan-12	In-House	Works	Vaughn	Luiza Maal	Scope has been reduce to maintain budget. Focused on exterior visibility, improved entry and better interior layout
UH Academic Parking Deck	N/A	N/A	N/A	N/A	This project will add 112 additional parking spaces to the existing Academic Building Parking Structure.	60,000	2,800,000	CMAR	15%	Apr-10	Apr-11	May-11	Dec-11	In-House	Prozign	Vaughn	Bernie Harless	UHD Administration has approved proceeding with 2nd deck of parking. CD's complete. Construction to begin after Spring semester.
<b>PROJECTS IN PLANNING</b>																		

Project Name	CFPC Approval	UH BOR Approval	THECB Approval	Bond Status	Project Description	Project GSF	Total Project Cost	Delivery Method	Project % Complete	Project Design Start Date	Project Design Completion Date	Project Construction Start Date	Project Complete Date	Pre-Design Firm	A/E Design Firm:	Contractor	Project Mgr.	Construction Status
COMPLETED PROJECTS																		

UH UHCL UHD UHV FUNDING

**CAMPUS TARGETS & GOALS**

Enrollment (BOR Retreat)

2015	39,906	8,399	13,118	4,901
2020	43,450	9,820	21,845	6,571

On Campus Enrollment

2015	24,361	5,697	9,169	1,475
2020	31,368	5,993	11,086	2,075

Research

2015	150,000,000	3,613,150	2,200,000	2,748,950
2020	200,000,000	4,588,700	5,000,000	4,123,425

**FACILITY  
ISSUES/REQUIREMENTS**

**EXISTING**

Infrastructure	2012	N/A	N/A	2012	State Formula
Deferred Maintenance	2012	N/A	2012	N/A	State Formula
Renovation	2012	2012	2012	N/A	State Formula

**NEW**

Classroom/Instructional Space	N/A	2014	2014	2013	Combination-State Formula
E&G Support Space	N/A	2014	2012	2012	Combination-State Formula
Research Space	2012	2011	2018	2013	Outside
Auxiliary					
Housing	2011	2011	2018	2011	Housing Revenue Bonds
Parking	2011	2018	2012	2011	Parking Fees
Athletics	2011	N/A	N/A	2012	Combination-Outside
Recreation	N/A	2012	2014	2012	Student Fees
Student Support	2011	2012	2014	2012	Student Fees

**RESOURCES**

Land Purchase	N/A	N/A	2011	2011	HEAF
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# BOARD APPROVED MAJOR CAPITAL PROJECTS SUMMARY REPORT

## May 2011

PROJECTS IN PROGRESS	TOTAL PROJECT COST
UH Cemo Hall	9.6M
UH Central Utilities Plant Expansion	38.7M
(2)UH Science Teaching Laboratory Building	35.2 M
(2) UH S & R I Life Safety Upgrades	14.6 M
(1)UH Energy Research Park Bldg. 9A - Petroleum Engineering	5.1 M
(1)UH Energy Research Park Bldg. 4 - Administration Building	3.7 M
(1)UH Energy Research Park - Site Improvements	2.0M
UH Hilton Hotel Renovations	13.6 M
UH Health & Biomedical Sciences	70.0 M
UH Classroom & Business Building	41.0 M
UHCL Arbor Building Renovation	11.6 M
UHV Jaguar Hall	10.6M
PROJECTS IN DESIGN	TOTAL PROJECT COST
UH SERC Phase IV	15.0 M
UH Stadium Parking Garage	26.0 M
(1)UH Energy Research Park Bldg Renovations	5.4 M
PROJECTS IN PLANNING	TOTAL PROJECT COST
(2) UH Old Science Renovations	1.8 M
(2) UH Fleming Renovation	4.2 M
UH University Center Renovation/Expansion	80.0M
UH Cougar Village Phase 2	50.0 M
UH Cougar Place Replacement	TBD
UH Family Housing/Childcare	TBD
UH West Side Dining Hall	9.3M
UH Energy Research Park Bldg. 1	7.5M
UH Robertson Stadium	TBD
UH College of Pharmacy Building	TBD
UHCL Freshman Housing	TBD
UHV Regional Economic Development	10.2M
UHV Sophomore Housing	TBD
PROJECTS COMPLETED	TOTAL PROJECT COST
UH SERC Phase III	12.0M

(1) Project included in the \$20m UH BOR approval for the Energy Park Projects.

(2) Project part of UH Science buildings renovation.

# MEDIUM CAPITAL PROJECTS SUMMARY REPORT

May 2011

<b>PROJECTS IN PROGRESS</b>	<b>TOTAL PROJECT COST</b>
(2)UH Lance T. Funston Ctr. / Jack J. Valenti School	3.7M
UH MDA North Façade Ext. Waterproofing	1.3M
UH SR II Animal Care Operations	3.1M
UH Cullen Engineering	1.0M
<b>PROJECTS IN DESIGN</b>	<b>TOTAL PROJECT COST</b>
(2) UH Moody Towers Renovation	3.0M
(2) UH Quadrangle Renovation	2.0M
(2)UH Blaffer Gallery	2.0M
(2)UHD Academic Parking Deck	2.8M
<b>PROJECTS IN PLANNING</b>	<b>TOTAL PROJECT COST</b>
<b>PROJECTS COMPLETED</b>	<b>TOTAL PROJECT COST</b>