

Contact: Joan Racki

REGISTER OF UNIVERSITY OF IOWA
CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS

Actions Requested: Consider recommending approval of:

1. The following actions for the **Kinnick Stadium and Paul W. Brechler Press Box – Renovate North Stands, Construct New West Campus Residence Hall, and Construct New Indoor Track and Field Facility** projects, major capital projects as defined by Board policy:
 - a. Acknowledge receipt of the University's initial submission of information to address the Board's capital project evaluation criteria (see Attachment A for Kinnick Stadium, Attachment B for Residence Hall and Attachment C for Indoor Track);
 - b. Accept the Board Office recommendation that the projects meet the necessary criteria for Board consideration;
 - c. Authorize permission to proceed with project planning, including the utilization of Neumann Monson (with HNTB as consultant) as the design professional and M.A. Mortenson Company as the construction – manager agent for the Kinnick Stadium project; and
 - d. Authorize permission to proceed with project planning, including consideration of the use of an alternative construction delivery method other than the traditional design-bid-build process for the Residence Hall and Indoor Track projects.
2. The following actions for the **College of Public Health Building – Fit-Out Fifth Floor** project, a major capital project as defined by Board policy:
 - a. Acknowledge receipt of the University's final submission of information to address the Board's capital project evaluation criteria (see Attachment D);
 - b. Accept the Board Office recommendation that the project meets the necessary criteria for Board consideration; and
 - c. Approve the schematic design, and project description and budget (\$4,635,071), with the understanding that approval will constitute final Board approval and authorization to proceed with construction.
3. The project descriptions and budgets and design professional selections for the **Main OR (Operating Room) Air Handling Unit Fan Array** (\$2,025,000) (Modus Engineering) and **Central Sterilizing Service – AHU (Air Handling Unit) 23** (\$2,401,000) (Heery International) projects.

Executive Summary:

The University requests permission to proceed with project planning for: **Kinnick Stadium and Paul W. Brechler Press Box – Renovate North Stands, Construct New West Campus Residence Hall, and Construct New Indoor Track and Field Facility** projects.

The **Kinnick Stadium and Paul W. Brechler Press Box – Renovate North Stands** project would renovate the north stands and the related concourse area of the stadium. This project, which has been identified as a high priority in the University's Athletics Department facilities master planning process, is a further effort to modernize Kinnick Stadium following the recent improvements to the south and west stands and upgrades to the turf, video boards and sound system. The 30-year old north stands remain unchanged from the original 1980s construction, with the exception of the video/scoreboard that was added in 2013; they have become functionally obsolete by modern-day standards. The anticipated project costs range from \$35 million to \$45 million depending upon the scope of work identified. Project funding would be provided by Athletics Department gifts and earnings. The location of Kinnick Stadium is shown on Attachment E.

To advance the project in the most expedient and efficient timeframe, and to leverage the experience and knowledge-base of the design / construction manager team which completed previous work on Kinnick Stadium, the University requests permission to utilize the local design firm of Neumann Monson with assistance from national consultant HNTB, and construction manager – agent M.A. Mortenson Company to assist with development of the schematic design and budget, with the option to continue development of detailed design and construction documents pending approval of the schematic design and budget by the Board. The proposed team was selected after a search for consultants for the south end zone and press box projects. The firms are very familiar with the entire stadium complex and existing building systems.

The **Construct New West Campus Residence Hall** project would construct a new residence hall to serve the on-campus living needs of student-athletes and the general student population. In accordance with NCAA regulations and University on-campus housing objectives, the new hall would offer housing for first year and returning students. It would be located near Kinnick Stadium and the West Campus Transportation Center (see Attachment F); precise siting of the residence hall would be determined during the initial planning phase of the project. The University's Housing & Dining and Athletics Departments would coordinate planning and programming of the facility to accommodate a wide range of student and student-athlete campus living needs. The project would create approximately 500-600 suite-style beds. A dining venue and athletic training table, standard resident amenities and other small event spaces would be included. The estimated project cost (based upon recent residence hall projects) of \$85,000,000 would be funded by dormitory revenue bonds and Athletics Department gifts and earnings. However, the University has noted that costs for this project may exceed recent residence hall projects due to the inclusion of additional support venues which may include: dining/training table facilities and equipment, learning resources, event spaces, and site transportation improvements.

As part of its ongoing master planning process, the University's Department of Athletics is examining new construction / improvements for the "Hawkeye" West Campus Development. One of the proposed, priority improvements is the **Construct New Indoor Track and Field Facility** project, which would provide space for track/running related sports, as well as provide training and weather-protected space for all sports. The new facility would include an indoor track, spectator viewing area, spaces for weight and athletic training, events operation area, offices, men's and women's locker rooms, storage and other service space. The relocation of the indoor track, currently housed in the Recreation Building, would provide the University with

the option of locating a new residence hall on the Recreation Building site, or retaining this central west campus site for future development options. The estimated project cost of \$15,000,000 to \$20,000,000 would be funded by Athletics Department gifts and earnings. The new facility would be located on the far west "Hawkeye" Campus (see Attachment G); the precise location would be determined during the initial planning phase of the project.

The University has successfully completed two alternative delivery (design-build) projects, has the Madison Street Residence Hall under construction using this methodology, and wishes to explore the option for the new West Campus Residence Hall and the Indoor Track and Field Facility. Design-build would allow for a best-value selection of a contractor/architect team, while maintaining a selection process that includes construction price bidding. This method would also allow for completion of construction in an accelerated manner, allowing for student occupancy of the residence hall by the earliest possible date.

As the projects progress, and the scopes and schedules are more fully defined, the University will confirm whether use of alternative delivery would provide the anticipated benefit to the projects. The University would thereafter develop procedures for the selected alternative delivery method that are consistent with *Iowa Code* § 262.34 and seek authorization from the Executive Director to proceed with the method selected. Progress on the projects and the advantages and disadvantages considered in selecting an alternative delivery method would be reported to the Board at the time the project descriptions and budgets are submitted for approval.

The University requests approval of the schematic design, and project description and budget for the **College of Public Health Building – Fit-Out Fifth Floor** project, which would fit out approximately 12,000 gross square feet of shelled space on the fifth floor of the College of Public Health Building. The project will provide the facilities needed to support the University's Informatics Initiative (UI³). The location of the College of Public Health Building is shown on Attachment H and schematic design for the floor is included as Attachment I. The space would house the Informatics administrators and technical staff, graduate student and faculty workspace for data analysis, meeting spaces with advance collaboration technology, and associated support spaces. It would also include a suite for the newly established Iowa Institute of Public Health Research and Policy. The project budget of \$4,635,071 would be funded by Treasurer's Temporary Investment Income and sponsored research indirect cost recoveries.

The University requests approval of the project description and budget (\$2,025,000) and the selection of Modus Engineering, Iowa City as the design professional for the **UIHC – Main Operating Room (OR) Air Handling Unit Fan Array Installation** project, which would replace with a redundant array of multiple fans the 20+ year old single, non-redundant fans that serve the five main operating room air handlers in the John Colloton Pavilion. The units would then be able to run at a reduced capacity in the event of a fan or motor failure.

The request to select Modus Engineering is based upon the firm's UIHC experience and vast knowledge of the facility's mechanical systems. Modus Engineering conducted the feasibility study which identified the best solution for improving the air handling upgrade for the main OR units.

The University requests approval of the project description and budget (\$2,401,000) and the selection of Heery International, Iowa City for the **UIHC – Central Sterilizing Service – Air Handling Unit (AHU) 23 Replacement** project, which would replace AHU 23 located in lower

level 2 of the John Colloton Pavilion (JCP); the unit, which has outlived its useful life and serves the Central Sterilizing Service (CSS) located on the lower level of JCP, would be sized to support future CSS expansion.

The request to utilize Heery International as the design professional is based upon the firm's experience at UIHC, including knowledge of the complexities of a central sterilizing service facility and its mechanical systems. The firm also has the background and experience with multi-phased projects in areas with extremely high levels of infection control that require complex coordination of: enhancements to structure; phased installation and connection of mechanical and electrical systems; and the sequencing of temporary shut downs and changeovers to minimize the interruption and disruption to a critical service still in operation during construction.

Details of the Projects:

Kinnick Stadium and Paul W. Brechler Press Box – Renovate North Stands

Project Summary

	<u>Amount</u>	<u>Date</u>	<u>Board Action</u>
Permission to Proceed with Project Planning		Aug. 2015	Requested
Initial Review and Consideration of Capital Project Evaluation Criteria		Aug. 2015	Received Report
Selection of Design Professional (Neumann-Monson in association with HNTB)		Aug. 2015	Requested
Selection of Construction Manager - Agent (M.A. Mortenson)		Aug. 2015	Requested

Improvements to the north stands currently under consideration include:

- Fixing all seating issues;
 - Creating suites and other premium seating options;
 - Improving concourse amenities;
 - Increasing audio/visual technology and “branding” throughout;
 - Creating spaces with modern amenities such as plazas and patios;
 - Modernizing restroom facilities;
 - Updating food-service/vending options;
 - Developing additional resource opportunities for non-game day events/programs;
 - Improving accessibility for fans; and
 - Improving the flow of spectators within and around the north side of the stadium.
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Construct New West Campus Residence Hall

Project Summary

	<u>Amount</u>	<u>Date</u>	<u>Board Action</u>
Permission to Proceed with Project Planning		Aug. 2015	Requested
Initial Review and Consideration of Capital Project Evaluation Criteria		Aug. 2015	Received Report
Consideration of Use of an Alternative Delivery Method		Aug. 2015	Requested

The University is committed to house the first year class in the residence halls. With the current housing capacity, the University must thus limit the number of returning students who can reside in the halls. This project will allow University Housing & Dining to increase the capacity of the residence halls, thus providing more space for first year and returning students who choose this housing option; it would also allow for the efficient housing of first- and second-year athletes.

The University of Iowa Athletics Department continually reviews its facilities needs through an ongoing master planning process. A high priority in this process is improving the living and learning environments for student-athletes. The proposed building site for the new facility would be in proximity to Kinnick Stadium and Carver-Hawkeye Arena, which is central to daily practice and training needs of nearly all student-athletes. Siting is also proximate to multiple west campus services, the professional schools, and the West Campus Transportation Center, making connections convenient to the east campus. University Housing & Dining also reviews its housing inventory in its master planning process. A new west campus, suite-style residence hall addresses the need for more suite-style units to meet student demand for this type of housing.

Construct New Indoor Track and Field Facility

Project Summary

	<u>Amount</u>	<u>Date</u>	<u>Board Action</u>
Permission to Proceed with Project Planning		Aug. 2015	Requested
Initial Review and Consideration of Capital Project Evaluation Criteria		Aug. 2015	Received Report
Consideration of Use of an Alternative Delivery Method		Aug. 2015	Requested

The proposed new facility would house a recently purchased portable banked track and become home to the men's and women's track and field teams.

College of Public Health Building – Fit Out Fifth Floor

Project Summary

	<u>Amount</u>	<u>Date</u>	<u>Board Action</u>
Permission to Proceed with Project Planning		Feb. 2014	Approved
Initial Review and Consideration of Capital Project Evaluation Criteria		Feb. 2014	Received Report
Design Professional Agreement – Pre-Design Services (BNIM; Des Moines)	\$ 39,950	July 2014	Not Required*
Design Professional Agreement – Schematic Design through Construction Administration (BNIM; Des Moines)	265,350	Sept. 2014	Not Required*
Schematic Design		Aug. 2015	Requested
Project Description and Budget	4,635,071	Aug. 2015	Requested
Final Review and Consideration of Capital Project Evaluation Criteria		Aug. 2015	Receive Report

*Approved by Executive Director, consistent with Board policy

In November 2013, the University announced a major multidisciplinary initiative designed to establish the University as a national center of excellence in the rapidly evolving field of informatics. At the heart of the initiative is the creation of a new cluster of approximately 20 informatics faculty under the University’s Cluster Hire Initiative. The goal of the initiative is to pull together faculty and staff to conduct leading-edge informatics research and discovery; and to partner with researchers and teachers across campus whose work depends on the creation, evaluation and utilization of large amounts of digital information. Included in the initiative are faculty from health science and clinical departments, physical and biological sciences, engineering, the social sciences and humanities. A portion of the fifth floor space will serve as the administrative and intellectual home for the initiative. Research data storage and high-performance computing will be served by the Information Technology Facility on the Research Campus.

The purpose of the Iowa Institute of Public Health Research and Policy, approved by the Board in October 2014, is to promote development, implementation and application of cutting-edge public health research to address grand challenges in population health. The space on the fifth floor will provide a necessary presence for the Institute and workspace for the Director, administrator, visiting faculty and executives-in-residence.

The following summarizes the programmed spaces in the program statement and schematic design:

<u>Function</u>	<u>NASF*</u>
Informatics	
Staff Offices	938
Faculty Offices & Graduate Student Workspace	2,303
Open Collaboration Space & Meeting Rooms	<u>3,404</u>
Subtotal	6,645
Iowa Institute of Public Health Research & Policy	
Offices, Open Offices & Workroom	1,086
Conference Room	<u>181</u>
Subtotal	1,267
Total Net Assignable Square Feet	7,912

*NASF – net assignable square feet

Project Budget

Construction	\$2,226,627
Furniture and Equipment	1,637,000
Planning, Design, and Management	549,704
Contingency	<u>221,740</u>
TOTAL	<u>\$4,635,071</u>

Source of Funds: Treasurer's Temporary Investment Income and
Sponsored Research Indirect Cost

UIHC – Main OR Air Handling Unit Fan Array Installation

Project Summary

	<u>Amount</u>	<u>Date</u>	<u>Board Action</u>
Project Description and Budget	\$2,025,000	Aug. 2015	Requested
Selection of Modus Engineering (Iowa City) as Design Professional		Aug. 2015	Requested

With the current, single non-redundant fans and motors, any component failure can affect the temperatures and pressure relationships in the operating rooms, causing immediate shutdown of their use until failed components can be repaired. With the new installation, the units can run at a reduced capacity in the event of a fan or motor failure, allowing an operating room to continue to be used without compromising any procedure that might be underway.

Project Budget

Construction	\$1,620,000
Planning, Design, and Management	243,000
Contingency	<u>162,000</u>
TOTAL	<u>\$2,025,000</u>
Source of Funds:	
University Hospitals Building Usage Funds	<u>\$2,025,000</u>

The anticipated completion date of the project is December 2016.

UIHC – Central Sterilizing Service – Air Handling Unit (AHU) 23 Replacement

Project Summary

	<u>Amount</u>	<u>Date</u>	<u>Board Action</u>
Project Description and Budget	\$2,401,000	Aug. 2015	Requested
Selection of Heery International (Iowa City) as Design Professional		Aug. 2015	Requested

The current AHU system is not adequate to meet Joint Commission and Centers for Medicare & Medicaid Services (CMS) standards. Work to be accomplished includes installation of a temporary unit prior to the demolition, and removal of the existing AHU 23. Work would also include the transfer of all existing utilities and ductwork from the existing AHU 23 to the new unit, and the removal of the temporary accommodations once the new unit is operational.

Project Budget

Construction	\$1,920,800
Planning, Design, and Management	288,200
Contingency	<u>192,000</u>
TOTAL	<u>\$2,401,000</u>
Source of Funds:	
University Hospitals Building Usage Funds	<u>\$2,401,000</u>

The anticipated project completion is December 2016.

**Kinnick Stadium and Paul W. Brechler Press Box – Renovate North Stands
Evaluation Criteria**

Since the project meets the Board's definition of a major capital project, the University has provided the following information in response to the Board's evaluation criteria.

Institutional Mission / Strategic Plan: The renovation of the north stands of Kinnick Stadium is one of the high priority projects that has been identified in the University of Iowa Athletics Department facilities master planning process. The University recently improved the west and south stands of Kinnick which now leads to the much needed improvements to the north stands. There have been no major renovation projects involving the 30 year-old structure (the north stands) other than the video/score-board that was added in 2013. With the recent advancements in stadium facilities across the country, it is imperative the north stands structure be improved as it is quickly becoming obsolete by modern-day standards.

Kinnick Stadium is a public venue that welcomes thousands of fans and millions of viewers to experience the excellence of the University of Iowa. The game-day experience at Kinnick Stadium adds to the cultural vitality of the community, attracts and retains new Iowans, inspires students, faculty and potential contributors, and maintains a University brand/identity at the state, national and international levels.

With the evolution of stadium facilities at peer collegiate institutions, the renovation of the north stands is a critical next-step in modernizing Kinnick Stadium. It is fundamental to the mission of the football program, the Athletics Department, and the University that Kinnick Stadium remains an outstanding example of a modern collegiate sports venue, to ensure the continued patronage by fans, supporters and prospective student-athletes for years to come.

Other Alternatives Explored: Renovation of the existing structure is needed to improve the north stands. The planning team (consultants and university staff) will study options for improving the aged facilities. Multiple layouts for seating and associated amenities will be explored to maximize successful game- and non-game-day experience and to provide the highest value and effective payback for the investment in modernizing this portion of the stadium complex.

Impact on Other Facilities and Square Footage: This project will not result in the abandonment or transfer of any existing facilities. Demolition, if any, would be undertaken to enable construction of modernized facilities on the same site.

Financial Resources for Construction Project: Project funding will be provided by Athletics Department gifts and earnings.

The project cost is anticipated to be in the \$35 to \$45 million range pending development of a project scope of work and budget. A final project cost will be presented to the Board with the schematic design and budget presentation.

Financial Resources for Operations and Maintenance: The operations and maintenance budget may increase particularly if indoor premium seating options are created to improve the game day experience. If it is found there will be a material increase in operating or maintenance costs to support the renovated facility, a funding plan to support those costs will be identified in the upcoming planning/budget phase and presented to the Board. Revenues from events will continue to support the operation and maintenance of Kinnick Stadium. Specific details will be refined through additional project study and scope development.

External Forces Justifying Approval: Intercollegiate athletics is influenced by the actions of peer institutions competing for the best student-athletes from across Iowa and the nation. Changing market forces, including the recent growth in collegiate sports television networks and revenue, are significantly impacting viewership and are changing how stadium facilities are designed and operated. Modern stadiums are going beyond offering seats, to offering more amenities and options for entertainment to enhance the game-day experience for fans. Improvements to the north stands will enhance the ability to increase the use and value of Kinnick Stadium.

Construct New West Campus Residence Hall
Evaluation Criteria

Since the project meets the Board's definition of a major capital project, the University has provided the following information in response to the Board's evaluation criteria.

Institutional Mission / Strategic Plan: University Housing & Dining complements the academic mission of the University of Iowa by providing clean, well maintained, secure, healthy and affordable housing and dining options designed to meet the diverse and evolving developmental, educational and nutritional needs of students living in a multicultural community. The University is committed to house the first-year class in the residence halls. In order to do that within the current housing capacity, the University has had to limit the number of returning students to the halls. This project will allow University Housing & Dining to increase the capacity of the residence halls, thus providing more space for first year and returning students who choose to live in the residence halls. This facility would allow for the efficient housing of first- and second-year student-athletes considering the arduous daily schedule a student-athlete is required to maintain. The facility also offers features and location that will be attractive to many non-athlete students.

Other Alternatives Explored: The University of Iowa owns residence hall facilities that house over 6,200 students. Most of the facilities are clustered in two locations associated with major dining facilities: the West Campus near Hillcrest and the East Campus near Burge Hall. Other UI housing options not located in close proximity to these dining facilities include the Mayflower Residence Hall on North Dubuque Street and the Parklawn Residence Hall at the corner of Park Road and Riverside Drive. (Both facilities have cooking facilities in student rooms.)

The UI Housing & Dining System has been at full capacity for more than a decade. In an effort to address the housing shortage, in the Fall of 2015 the University will open the Mary Louise Petersen Residence Hall (the first new residence hall since 1968), and the Madison Street Residence Hall is currently under construction. The University will also lose approximately 360 aging/outdated beds within the Quad Residence Hall when it is razed in 2016 to enable the construction of the new College of Pharmacy Building on a portion of that site. The design of modern residence halls have advanced significantly over time and the University must advance to meet the housing desires of its students. The rooms in the new west campus hall will be based on the concept of "suite-style" bedrooms which are in high demand. Construction of this new residence hall will aid in UI efforts to recruit and retain top student-athletes, returning students and will foster student academic success.

In examining various siting options for the proposed residence hall, convenient access to athletic facilities and campus transportation is critical. Few potential sites are adjacent to athletic facilities, where athletes spend a majority of their non-class time training or at practice.

Impact on Other Facilities and Square Footage: The siting of the new hall may require the demolition of existing facilities. As planning is advanced, impacts on other facilities will be better understood and communicated to the Board.

Financial Resources for Construction Project: Dormitory Revenue Bonds, and Athletics Department gifts and earnings. Existing bond covenants and Iowa Code requirements will be addressed in the financing and operation of the facility.

Financial Resources for Operations and Maintenance: Operating and maintenance funding, as is the case for all UI Housing & Dining facilities, will be provided by revenues generated by the Housing & Dining system. The new residence hall will be built to current UI standards, including construction as a LEED-Silver (minimum) Certified building, and energy savings as compared to others halls is planned. Operating and maintenance costs will be identified in the planning/programming phase and funding strategies will be established.

External Forces Justifying Approval: Increases in student population and a Housing & Dining objective to afford on-campus housing to a wider range of students, including returning students, while providing modern facilities drives the need for this project.

Indoor Track and Field Facility
Evaluation Criteria

Since the project meets the Board's definition of a major capital project, the University has provided the following information in response to the Board's evaluation criteria.

Institutional Mission / Strategic Plan: Construction of a new Indoor Track and Field Facility will align with the Department of Intercollegiate Athletics mission statement to "...provide facilities, resources, and equipment necessary for student-athletes to graduate from The University of Iowa while competing successfully in broad-based championship caliber intercollegiate athletics...."

It is the University's intent to provide intercollegiate athletic teams with facilities that are competitive with Big Ten Conference peer institutions and to maximize training, recruiting and competition. Locating the Indoor Track Facility on the west Hawkeye Campus would also fulfill Athletics' master planning concept to create an "athletics campus" by consolidating intercollegiate teams. The Hawkeye campus is currently home for the men's and women's tennis, women's soccer and women's field hockey teams. Also included in the recently completed Hawkeye Tennis and Recreation Complex Addition is an indoor practice field for baseball, softball and soccer.

Other Alternatives Explored: The Rec Building (current home of indoor track and field) is located on a site adjacent to Kinnick Stadium, UIHC and the recently completed Hansen Football Performance Center. The limited availability of real estate surrounding the Rec Building does not allow for expansion at this location. Further, the Rec Building is on a site being considered for development of a new west campus residence hall. Locating the Indoor Track Facility on the west Hawkeye Campus would fulfill Athletics' master planning concept to create an "athletics campus" by consolidating intercollegiate teams.

Impact on Other Facilities and Square Footage: Abandonment or demolition of space will be studied within the context of the development of the Athletics Department facilities master plan, the siting of a new west campus residence hall, as well as other University space utilization priorities.

Financial Resources for Construction Project: Project funding will be provided by Athletics Department gifts and earnings.

Financial Resources for Operations and Maintenance: Increased Operations and Maintenance budgets are not anticipated with this project; specific details will be refined through additional project study and scope development. It is anticipated the operational costs of the existing Rec Building will cover the costs of the new facility. Although the facility may be slightly larger, anticipated building improvements will reduce the operating costs, balancing the total budget needed to maintain and operate the building.

External Forces Justifying Approval: Intercollegiate athletics is influenced by the actions of peer institutions competing for the best student-athletes from across Iowa and the nation.

College of Public Health Building – Fit-out Fifth Floor
Evaluation Criteria

Since the project meets the Board's definition of a major capital project, the University has provided the following information in response to the Board's evaluation criteria.

Institutional Mission / Strategic Plan: This project will provide the facilities required to support the University of Iowa's Informatics Initiative (UI³) as well as a suite for the newly established Iowa Institute of Public Health Research and Policy.

Informatics is a broad enabler of research, education and engagement, touching almost every area of the University of Iowa. The University has informatics-related educational and research activities distributed across several units. Select departments have core informatics research and teaching as their primary mission. Furthermore, several of the recent faculty cluster hires rely heavily on informatics (i.e., Aging Mind and Brain, Digital Public Humanities and Digital Arts, Genetics, and Water Sustainability). Recent investments in the Helium/Neon computer systems and expanded data storage are major steps forward. Given the universality of informatics needs, no single college or segment of the institution alone can create the breadth and depth of core and applied informatics that addresses all of the diverse needs.

An Informatics Task Force was organized in the spring of 2013 with the task of developing a comprehensive and cohesive action plan that strengthens informatics education, training, research and collaborative support at the University of Iowa. In response to the recommendations of the task force, the University announced a major multidisciplinary initiative in November 2013 designed to establish the university as a national center of excellence in the rapidly evolving field of informatics. At the heart of the initiative is the creation of a new "cluster" of approximately 20 informatics faculty under the UI Cluster Hire Initiative.

The ultimate goal of the initiative will be to pull together faculty and staff to conduct leading-edge informatics research and discovery, and also partner with researchers and teachers across campus whose work depends on the creation, evaluation and utilization of large amounts of digital information. The initiative will include participation by three kinds of experts:

- core informatics faculty, with expertise in data analytics, hardware and software architecture and engineering, computer graphics and visualization, networks and sensors, and related areas;
- "bridge" faculty, or individuals who use informatics to advance their research and teaching in digital arts and humanities, bioinformatics, health information, public health, geoinformatics, business analytics, physical and social sciences, and many other fields; and
- partnership staff who have broad-based campus involvement in a number of research areas.

To be successful, it is necessary to establish physical space that can serve as an administrative and intellectual home. The space will serve as an ideal location for cross-campus collaboration. Research data storage and high-performance computing will be served by the Information Technology Facility on the UI Research Campus. Additional dry lab space and computer facilities, visualization systems and open space for experiments will be provided for faculty and staff engaged in the initiative.

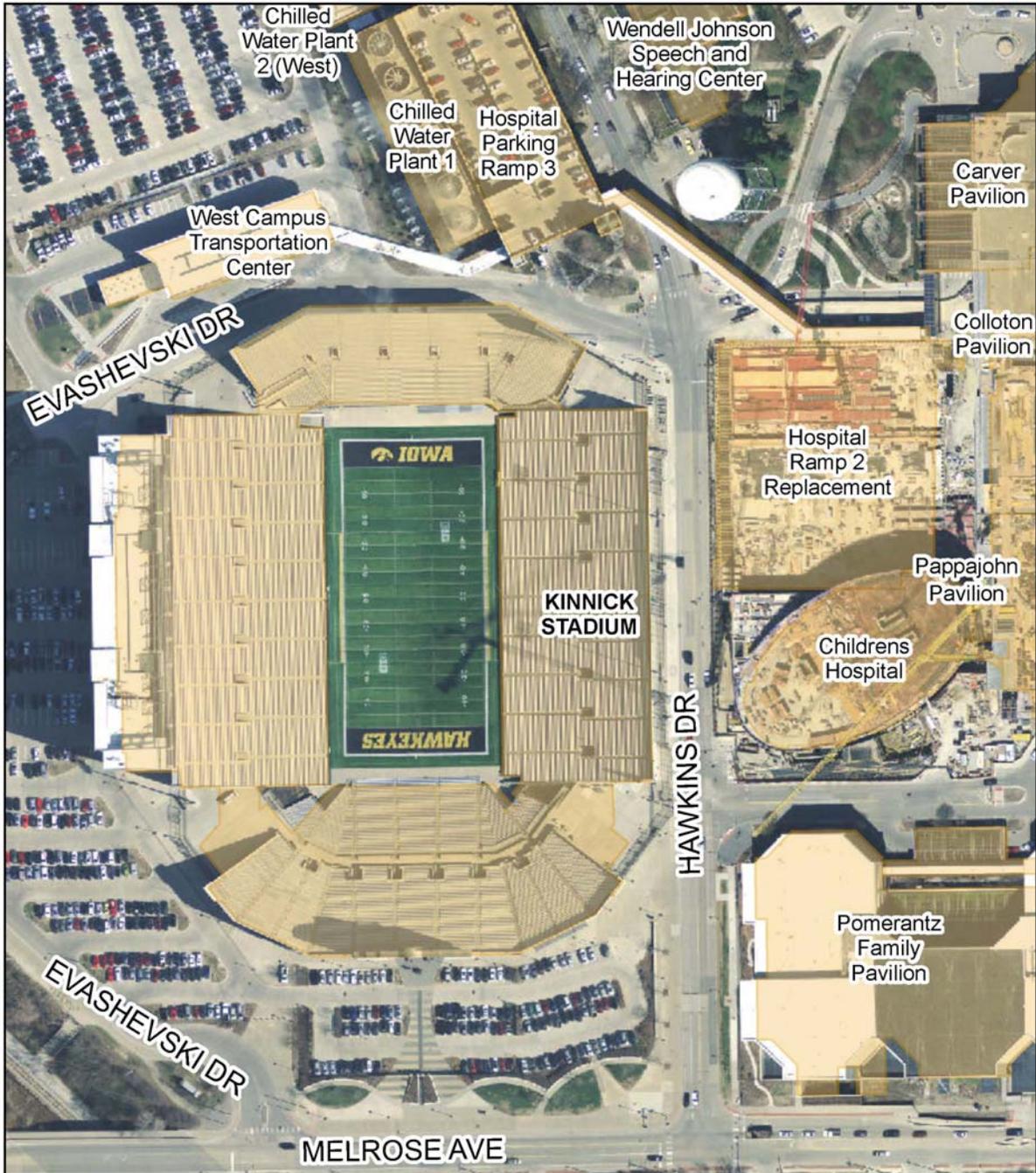
Other Alternatives Explored: This initiative spans across campus and engages teaching, research and service elements. It is important that the space be central to faculty and students across campus. The space in the College of Public Health Building is ideal in that it is located centrally with easy access by health science, computer science and engineering researchers. The fifth floor space at the College of Public Health was shelled out at the time of construction and can easily be configured to meet the needs of the initiative.

Impact on Other Facilities and Square Footage: This project will not result in the abandonment, transfer or demolition of existing facilities.

Financial Resources for Construction Project: The project will be funded through Treasurer's Temporary Investment Income and sponsored research indirect cost recoveries.

Financial Resources for Operations and Maintenance: The source of funds to cover the associated operating and maintenance costs will be the General Education Fund, including indirect cost recoveries from sponsored research.

External Forces Justifying Approval: Informatics is a broad enabler of research, education and engagement, touching almost every area of the University of Iowa. The University has informatics-related educational and research activities distributed across several units. This project will establish physical space that can serve as an administrative and intellectual home and to serve as an ideal location for cross-campus collaboration.



THE UNIVERSITY
OF IOWA

Tuesday, July 07, 2015

Document Name: 20150811_Kinnick_North_Stands_Exhibit



1" = 150'

Location Map:

Kinnick Stadium,
North Stands



THE UNIVERSITY
OF IOWA

Tuesday, July 07, 2015

Document Name: 20150617_West_Campus_Residence_Complex_Edit



1" = 250'

Location Map:

**West Campus
Residence Complex,
Proposed Site**



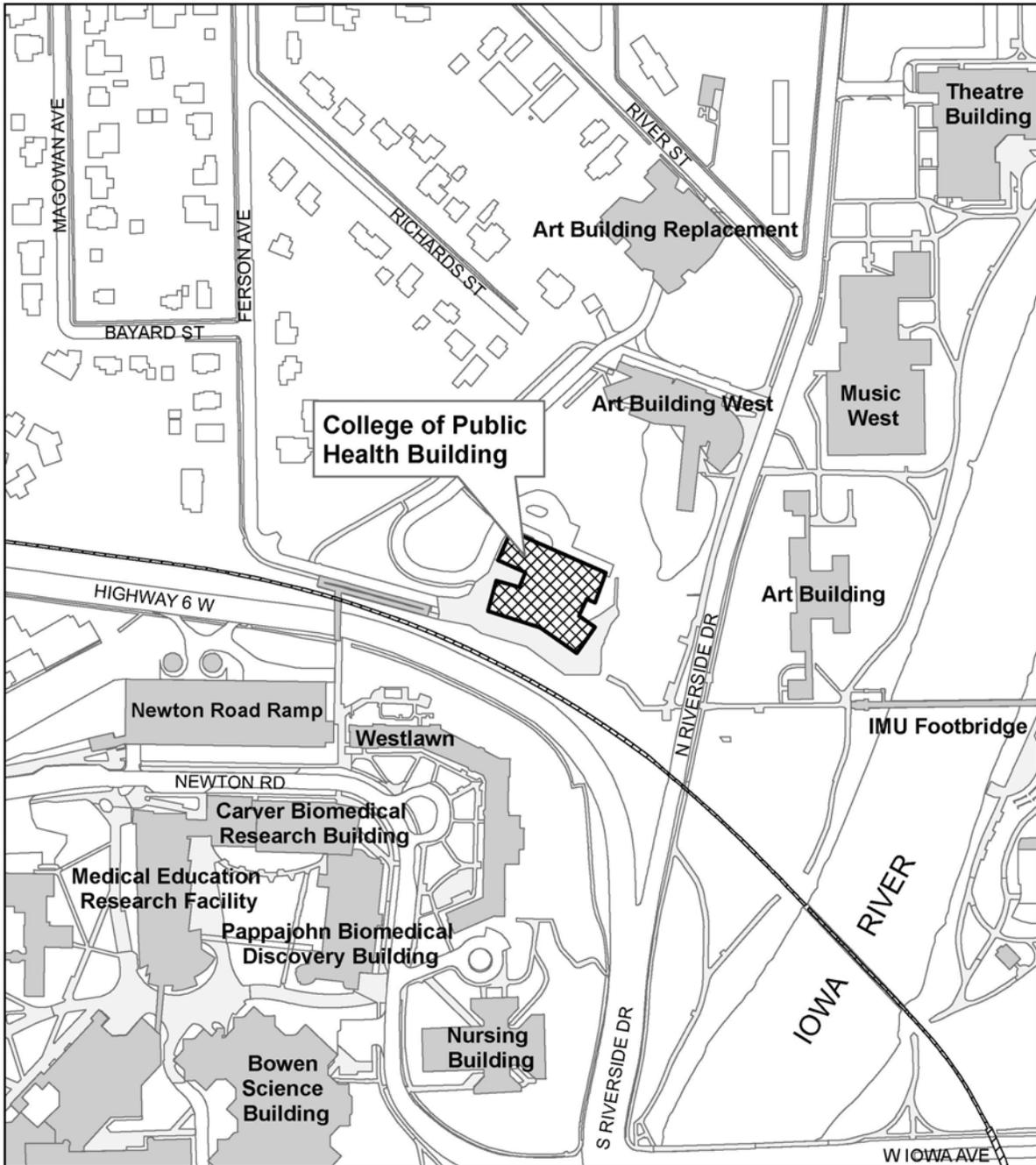
Tuesday, July 07, 2015
Document Name: 20150619_Indoor_Track_Facility_BOR_Exhibit_Edit



1" = 400'

Location Map:
Indoor Track Facility,
Proposed Location

Project #: 0608201

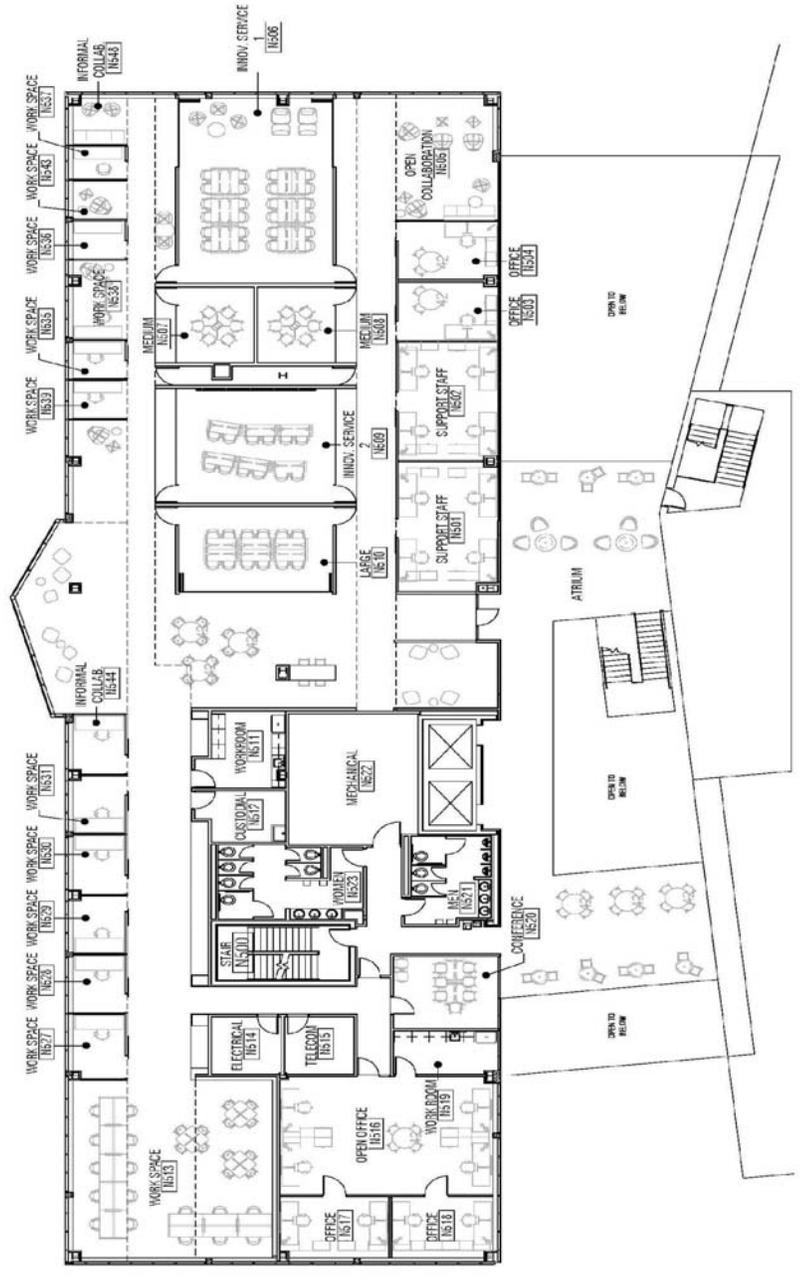


Plotted: Tuesday, March 10, 2015
Document Name: CPHB



1" = 250'

Location Map:
College of Public Health Building
Fit out Fifth Floor



LEVEL 05
1/10/20

Floor Plan | A1.0

College of Public Health Building - Fit Out Fifth Floor

1111 | ARCHITECT: BRUNNEN | INTERIOR ARCHITECTURE: BRUNNEN | 2727 UNIVERSITY AVENUE, SUITE 4000 | IOWA CITY, IA 52242 | 319.335.1000