



RDg...PA

schematic design workshop #6

University of Oregon, Student Recreation Center



February 14-17, 2012





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DATE	February 14-16, 2012
LOCATION	University of Oregon – SRC Bonus Room
Tuesday, February 14	
1:00 - 5:00pm	Project User Group Meeting 6A – SSC, SRC PUG, SRC MGMT
1:00am	Opening Comments/Project Update (Gene Mowery)
1:05pm	Student Steering Committee Comments and Questions
1:35pm	Review User Group Agenda (Carl Sherwood)
	Review and Evaluation of Exterior Schematic Design (Design Team)
1:40pm	<ul style="list-style-type: none">Exterior Massing/Study Model <i>Wholeness of Project, Building Complex, Connected Buildings, Future Expansion</i>Exterior Design <i>Architectural Style, Dynamic Building, Good Neighbor</i>Site Design <i>Pedestrian Pathway, Site Repair, Positive Outdoor Space, South Facing Outdoors</i>
3:00pm	BREAK
	Review and Evaluation of Interior Schematic Design (Design Team)
3:15pm	<ul style="list-style-type: none">3D Model / Sketch-Up, Sections <i>Clear Organization, Sightlines and Adjacency</i>Floor Plans / Program Organization <i>Enough Space & Capacity, Rooms that Fit, Easy Access, Easily Supervised</i>Design Characteristics / Features <i>Supportive of Social Interaction, Inclusive and Welcoming to All, Quality of Light, Engage in Sustainability, Bring Nature In/Program Out, Meathead's to the Back.</i>
4:30pm	Recap of User Group Comments and Issues to be Resolved <ul style="list-style-type: none">Exterior DesignSite DesignInterior DesignProgram Adjustments
4:45pm	Review Schedule for Schematic Design, including Completion <ul style="list-style-type: none">Schematic Design ReportCM/GC and ACC Cost EstimateCPC ApprovalMarch User Group Review Meeting
4:55pm	Adjourn



Wednesday, February 15

8:00am – 8:00pm **Design Team Work Sessions**

- Evaluate User Group feedback/direction
- Refine Schematic Design
- Refine Site Design
- Evaluate changes dictated by Reconcile Area / Cost Model
- Prep for CPC Check-in Session

8:00 – 10:30am **Integrated Design Technical Session - SRC PUG, UO Facilities, DT**

8:00am Presentation of Schematic Design (Design Team)

Integrated Design Breakout Sessions (Design Team)

8:30am

- Site Systems / Improvements
- Building Envelope Systems
- Mechanical Systems
- Electrical Systems

9:30am

Reconvene - Full Group Review/Discussion – Sustainability Goals

- Energy – 35% below code
- Water strategies
- Education Strategies
- LEED/SEED Check-in

10:45pm

Recap Feedback
Review Schematic Design Completion and SD Report Review Schedule

10:30am – Noon **Management Meeting –SRC MGMT**

- Review and discuss progress and schedule
- Comment on PUG / Integrated Design Input

2:00 - 3:00pm **Limited Consultation – COE, Design Team**

Meet with City of Eugene to review proposed Schematic Design to address key code strategies and answers to questions posed by the Design Team.

Thursday, February 16

Design Team Work Sessions, continued

8:00 – 9:00am Prep for User Group Meeting 6B

Noon - 1:00pm Design Team Wrap-up / Clean-up

9:00am -Noon **Project User Group Meeting 6B – SRC SSC, SRC PUG, SRC MGMT**



University of Oregon, Student Recreation Center

9:00am	User Group Opening Comments / Announcements (Gene Mowery)
9:05am	Report on Workshop Meetings Design Feedback <ul style="list-style-type: none"> • Integrated Design Session • City of Eugene Limited Consultation
9:30am	Present Schematic Design Workshop Refinements <ul style="list-style-type: none"> • Exterior Design / Architecture • Site Design • Plan and Organizational Adjustments
10:00am	Student Steering Committee Comments and Questions
10:30am	Schematic Design Analysis (Interactive with Design Team) <ul style="list-style-type: none"> • Exterior Design / Architecture • Building Sections/Elevations • Site Design • Sketch-Up Model Images • Design Opportunities/WOW Factors
11:30am	Confirm Action Plan for further Schematic Design Work <ul style="list-style-type: none"> • Plan and Functional Changes • Building Sections/Elevations • Site Design • Schematic Design Cost Estimate
11:50am	Recap of SD Completion Schedule / Next Steps (Carl Sherwood)
Noon	Adjourn

3:00 – 4:30 pm **CPC Check-in Meeting – SRC MGMT, Design Team**

Meet with CPC to review proposed Schematic Design at its current state and address strategies for key design issues.

- Exterior Massing/Study Model
Wholeness of Project, Building Complex, Connected Buildings, Future Expansion
- Exterior Design
Architectural Style, Dynamic Building
- Site Design
Pedestrian Pathway, Site Repair, Positive Outdoor Space, South Facing Outdoors,

Friday, February 17

8:00 – 10:30 am **SRC Staff Meeting**

- Status Report on Schematic Design
 - Present Exterior Design Model/Elevations
 - Present 3D Sketch-up Model
 - Review User Feedback / Design Directives
- Staff Group Comments/Recommendations



OBJECTIVES

- Review / Refinement / Confirmation of Schematic Building Design
- Review / Refinement / Confirmation of Schematic Site Design
- Reconciled Area/Cost Model and GM/GC – IE Opinion of Cost
- Preliminary Recommendations to CPC
- Preliminary CPC Review

University of Oregon – Student Recreation Center
Workshop #6 – Schematic Design**PATTERNS**

Throughout our Programming, Conceptual Design and Schematic Design Process we have worked with key patterns in mind. The following patterns, with which you are no doubt familiar, comprise those that have been most influential in driving the design in many respects. In preparation for Workshop 6, please review these as you peruse the design documents sent to you with the Agenda packet. We look forward to sharing with you the latest design updates, and continuing our work with you to create a truly special place.

Workshop 6 Patterns**WHOLENESS OF PROJECT**

Funding limitations often lead user groups or designers to create phased projects (in the hope of obtaining more funding for later phases) or to use the funds to create more new space without solving the existing facility's problems. These approaches can result in a complicated facility with functional problems, an awkward feel, and a lack of wholeness and integrity.

THEREFORE: Approach the project as a single-phased whole, creating a usable facility with options for future development. Address existing building problems directly, for example through renovations, rather than assuming they will be solved simply by adding new space. This approach may result in compromises, but it gives project users confidence that the built project will suit their needs.

- *Being excessive (in space, or bling, or volume) can make a University look like a poor steward of resources.*
- *UO wants intelligent, well thought-out design, not excess!*

BUILDING COMPLEX

The human scale vanishes in enormous buildings. People who use them stop identifying the staff who work there as personalities, and the staff feel like small cogs in a greater machine.

THEREFORE: To maintain human scale in campus buildings, make them small, perhaps no larger than 100,000 gross square feet (with some notable exceptions such as libraries and recreation facilities) and not more than three or four stories high. If more space is needed, the buildings should be conceived as a collection connected by arcades or bridges defining and embracing outdoor spaces.

- *UO wants intelligent, well thought-out design, not excess!*

CONNECTED BUILDINGS

Isolated buildings can be symptoms of a disconnected campus community.

THEREFORE: Consider connecting new buildings to existing buildings wherever possible. Try to form new buildings as continuations of older buildings and, in so doing, use the arrangement of the buildings to make pleasant outdoor spaces.



FUTURE EXPANSION

Buildings inevitably change and expand over time to adapt to changing user needs.

THEREFORE: Consider the possibility of future expansion and change when designing a new building or addition.

ARCHITECTURAL STYLE

[See "Policy 7: Architectural Style and Historic Preservation"]

The continuity of the university's campus environment is materially affected by the character and architectural styles of the buildings that are constructed.

THEREFORE: Make the design of new buildings compatible and harmonious with the design of adjacent buildings (on and off campus), though they need not (and in some cases should not) mimic them.

**Excerpt from the Project Description:
Architectural Style**

The character and architectural style of campus buildings are important in maintaining the quality of the campus environment. The cohesiveness of the campus is to be maintained by creating new buildings that are compatible and harmonious with the design, orientation, and scale of adjacent buildings, though they need not (and in some cases should not) mimic them. In order to accomplish this, buildings are to follow the general principles grounded in the designs of the Ellis Lawrence buildings on campus. Emphasis is to be placed on materials (generally brick) and compositions (clear main entrances, the scale and rhythm of openings) of the Lawrence era buildings in order to create buildings that are human-scaled. Designs must relate to the overall campus character and, as a general rule, should avoid large, blank facades; large areas of glazing; or unbroken, horizontally oriented windows (ribbon windows). The current Student Recreation Center facility is a successful example of blending with the existing building (Esslinger Hall) but still appearing as a distinct building. Interacting with multiple buildings, this expansion project presents the same challenge and is held to the same expectation of being harmonious with the existing adjacent buildings but with its own dynamic appeal.

DYNAMIC BUILDING

The Student Recreation Center should reflect the nature of the activity contained within. Individuals develop an impression of the building immediately upon seeing it and their initial experience within it, and these impressions affect their perception of the building's quality and atmosphere.

Therefore, ensure that the character of the building attracts campus constituents and encourages them to use the resources and services offered. The building should communicate the unique nature of the facility and create a "continuing buzz" through design qualities that are energizing, inspiring, and spirited.

- *Bold is not necessarily beautiful or "right."*
- *Bold interior spaces are very desirable.*
- *Powerful visual excitement and interest is highly desirable to the Committee.*
- *Don't let form run roughshod over function. Make sure the two can well marry in your facility.*
- *Being excessive (in space, or bling) can make a University look like a poor steward of resources.*
- *UO wants intelligent, well thought-out design, not excess!*
- *Be aware of creating spaces that are "too open." They may be unacceptably noisy, negatively impact audibility of the human voice, and or filled with too much reverberation.*
- *A dynamic, high-flying jogging track can be beautiful for some, and scary for others!*
- *Wayfinding should as intuitive as possible for patrons.*
- *Good wayfinding (with signage, if necessary) is critical.*
- *Environmental Graphics are a powerful story telling medium. This is desirable.*



- *Using bold colors or school colors in a “heavy handed” way can easily create an undesirable result. Be intentional about application of bold and primary colors.*
- DT Student Spirit** - *Is this another academic building or one that has a distinct character that reflects the enthusiasm, spirit and creativity of the students in its shape form and statement?*
- DT Northwest/UO Character** - *The climate offers the opportunity for more use of the outdoors for program support. Distinct natural light and wind/rain patterns, technology, and craft. Views from and to the site and the need for identity.*

GOOD NEIGHBOR

It's easy to be so focused on making campus projects as wonderful as possible for their users that we ignore their impacts on our neighbors.

THEREFORE: Consider each project's impacts on neighbors and community. For example, what will the building look like from outside the campus boundaries? What parking impacts may spill over into other areas? **The expanded area will be in prominent view from areas east of campus. The Project strives to generate a positive visual image to the neighborhood and areas on campus to the east.**

PEDESTRIAN PATHWAYS*

[See “Pathways” in “Policy 2: Open-space Framework”]

Pedestrian travel should be encouraged as an essential component of the campus experience. Pedestrian activity creates an environment that encourages interaction and discourages automobile use.

THEREFORE: Promote walking by creating a system of interconnected pathways as an alternative to street sidewalks. This pathway system will be considered part of the campus open-space framework. **The Project is adjacent to a major bike and pedestrian pathway, which runs from 15th Ave. to 18th Ave. There are great opportunities for the Project to interact with the pathway along its entire length.**

SITE REPAIR

Buildings must always be built on those parts of the land that are in the worst condition not the best.

THEREFORE: Never place buildings in the most beautiful places. In fact, do the opposite. Consider the site and its buildings as a single unit. Leave as they are those areas that are the most precious, beautiful, comfortable, and healthy, and build new structures in the least pleasant parts of the site.

POSITIVE OUTDOOR SPACE

In general, outdoor spaces that are merely “left over” between buildings will not be used.

THEREFORE: Always place buildings so that they embrace the outdoor spaces they form. Design the landscape so that some sides of the outdoor space are defined by buildings and some by arcades, trees, or low walls. Be sure to leave entrances to the outdoor “room” at several points so people can pass freely through the space and travel to other connecting outdoor spaces.

SOUTH FACING OUTDOORS

People use open space if it is sunny, and they don't use it if it isn't.

THEREFORE: Place buildings so that the open space intended for use is on the south side of the buildings. Avoid putting open space in the shadow of buildings. And never let a deep strip of shade separate a sunny area from the building it serves.



- *Physical access to the out-of-doors for a Leisure Pool is very important*
- DT** *The visited facilities reside in places that the climate is not outdoor friendly. How much of the program can be relegated to the outdoors year round and not replicated with built structures. Example the covered tennis courts or basketball court*

CLEAR ORGANIZATION, SIGHTLINES, AND ADJACENCY

The current layout of the SRC isn't so straightforward. The facility has been altered several times, resulting in a maze of spaces and corridors in certain areas, particularly in the older parts. The difficulty of way-finding can be frustrating for users and does not contribute to a welcoming environment.

Therefore, organize space so that way-finding is easy and intuitive. Create easy circulation patterns with a system of corridors, stairways, ramps, and elevators that provide clear sightlines and common-sense adjacencies. Where appropriate and helpful, provide sightlines between activities so that users can see through one activity area to another. Organize the entrance and lobby area with consideration for showcasing all the SRC has to offer, so that users know what opportunities exist and feel welcome and encouraged. Layouts, particularly with respect to spaces filled with exercise equipment, should be efficient and allow users to easily see who else is there.

- *Creating a circulation path that passes through a rec center provides an opportunity for users and non-users to "shop the activities" within.*
- *Views into activity spaces from the main lobby are desirable, which aids the process of attracting users into these spaces.*
- *Seeing activity spaces is a good thing, and highly desirable to this Committee.*
- *Proper organization of spaces is important.*
- *Design visual corridors that allow patrons to see and be seen in a rec center.*

ENOUGH SPACE AND CAPACITY

With as many as 6,500 users on some days, space is so limited that the facility gets overly crowded, and classes and open recreation cannot occur in the same space simultaneously. The SRC's goal is to be able to fully meet all the varied needs of its users. In the short and long term, the SRC should have the ability to react to trends and create more (and a diverse selection of) programs.

Therefore, organize layouts and provide enough space and capacity to allow users to drop in and do anything they wish. Pay particular attention to areas in which both drop-in activities and classes occur, such as cardio areas, weight room, natatorium. Consider long-term growth, and provide enough capacity and flexibility to allow the SRC to respond to trends and fully meet the needs of its users. Consider the capability for vertical expansion in the future.

ROOMS THAT FIT AND ARE FLEXIBLE

The current recreation facility contains rooms of many sizes. Spaces should be the right size for the activities they support and should be adaptable as the activities change.

Therefore, the recreation and fitness center should contain spaces that are a good fit for the activities within them, that are adaptable to multiple activities, and that may be changed to meet future needs.

- *Multiple sizes of Group Ex rooms provides for great flexibility (each room is right-sized for the needs).*
- *Make sure you design enough space in an around activity areas (like Jogging, Weights, etc.). This improves safety, function, and the user's experience.*
- *If you have a Spin Studio, make it a dedicated (or at least mostly dedicated) space.*
- *Creating a special events entry (even if is the main front door for a facility) is a good strategic idea.*

- *Creating a separate building zone for rentals and other special events is a nice feature.*
 - *Must well consider desired features in a Leisure Pool - Focus on intended audience (family vs. student)*
 - *Creating a Leisure Pool with a zero depth entry and spaces for volleyball and basketball is desirable.*
 - *Consider benefits of having two spas*
 - *Creating a three-part (or similar) spa, like this facility enjoys, is highly desirable for a large capacity spa.*
- DT** *Programs and program focus change over time. Describe elements and priority uses that are likely or unlikely to change.*
- DT** *Many of the spaces provided, will be unique from those found throughout the campus. Consider other uses that can be available, shared and made part of the inventory of spaces for the campus and Community.*

EASY ACCESS, YET APPROPRIATE LEVELS OF ACCESS CONTROL

The SRC has a variety of functions and many different types of activities take place in the building. These activities range from academic physical education courses to drop-in exercise, meetings, events, casual gatherings, and administration all with varying levels of need for access control.

Therefore, consider the range of activities that will happen in the building. Design the spatial layout with consideration for the particular access control needs for the variety of activities in the building, associated outdoor areas, and adjacent Esslinger Hall.

EASILY SUPERVISED

Supervision required to ensure safe and effective use of facilities and equipment varies considerably from activity to activity. Labor costs associated with activity supervision account for a major portion of operational expenses in recreational facilities and can result in reduced facility-access hours.

Therefore, the design of the facility should consider the unique supervision needs of each activity, including specialized design of supervisory stations, as appropriate, maximizing spatial control with minimal personnel. Sight lines, electronic communication systems, and video cameras, for example, may help facilitate supervision.

SUPPORTIVE OF SOCIAL INTERACTION

The Student Recreation Center is not just for recreation. It's also a place where students, faculty, and staff can socialize. Social interaction can play an important part in academic and professional success. Research shows that students who have developed peer support groups and feel a sense of belonging and identity with their college or university have higher grades and are more likely to graduate (from 2004 YGH Study). Social interaction helps strengthen relationships among fellow students and colleagues, and can lead to an open exchange of ideas and new understandings that benefit academic and professional pursuits. The current facility lacks social gathering spaces and interaction nodes and has no identifiable "hearth" or building "heart."

Therefore, the recreation center's open areas, activity spaces, and service areas should showcase activity and facilitate social interaction through locating informal activity spaces off circulation paths, establishing social nodes and levels of transparency through spaces based on activities. These informal spaces should be suitable for various levels of interaction as well as informal group study. Consider the right size, location and quality of space to encourage frequent use of these areas. An identifiable building "hearth" should be created and should be designed with consideration for beverage and light food service.

- *Furniture is an important part of how we all experience a building environment.*
- *Creating a circulation path that passes through a rec center provides an opportunity for users and non-users to "shop the activities" within.*



- *Views into activity spaces from the main lobby are desirable, which aids the process of attracting users into these spaces.*
 - *Seeing activity spaces is a good thing, and highly desirable to this Committee.*
 - *Design visual corridors that allow patrons to see and be seen in a rec center.*
 - *Having small pockets of social space throughout a facility is desirable for the Committee.*
- DT Oneness of the Place - This place could be a "center" for the students and other users. Is this an important consideration in the stacking, connections and makeup of the place?*

INCLUSIVE AND WELCOMING TO ALL

The SRC is open to the UO community and serves a wide range of students and UO community members, who are from different backgrounds, cultures, and countries, of different races, religions, ages, genders, and sizes, have different abilities, and have varying comfort levels with using recreation facilities.

Therefore, design the building with consideration for the potential to integrate diverse groups of people and create a welcoming and inclusive atmosphere for all. Design fitness areas in a way that welcomes all experience levels and abilities, and with consideration for those who want to be seen and those who may not. Provide a variety of comfortable social spaces that meet the varying needs of users, such as places to be alone, meet in small to large groups, places that are more open or more enclosed. Take advantage of opportunities to facilitate social interaction (such as a café and other "common denominator" amenities). Consider the varying needs and desires for privacy, particularly with respect to changing and using the

QUALITY OF LIGHT

Daylight, the use of which results in energy savings, is an important aspect to wellness and psychological comfort for building users; it is also beneficial to many of the tasks performed by building occupants. However, glare from daylighting may cause eye-strain for employees who use computer monitors.

THEREFORE: Provide ample opportunities for daylight throughout the building in both private and public areas. When possible and appropriate, opportunities to bring natural light into areas further from the perimeter of the building such as clerestory windows, interior windows, or windowed doors should be considered. Provide appropriate shading and defusing devices and furniture arrangement to eliminate glare on computer screens. **Daylight and quality of light is highly valued and desirable. However, glare can be a dangerous problem for some activities. In swimming, glare affects the lifeguard's ability to see the bottom of the pool. Consider other situations where glare may have negative impacts on the user's experience.**

ENGAGE IN SUSTAINABILITY

The UO has been in the forefront of environmental sustainability, and the campus community takes pride in this. Over the years students have consistently expressed that environmental sustainability is highly important to them. The SRC Expansion and Renovation Project provides opportunities to push the envelope of environmentally sustainable and energy-efficient design, and to tell the building's sustainability story. Individuals like to know they are contributing to a greater purpose, and what better place to learn about and engage in sustainability than the place in which they play and go to be healthy?

Therefore, strive to make sustainable features of the building design and systems visible and interactive so that users can learn through exposure to them and understand their environmental impacts. For sustainable features not readily visible, signage and interactive information monitors are simple and effective ways to tell the SRC's story when located appropriately and designed to catch one's notice. Pursue sustainable, energy-efficient and budget-conscious solutions with the greatest value and benefit, and consider low and passive technology solutions, such as sunscreens, natural ventilation, daylight harvesting, reduction of potable water use, rainwater collection, etc.

- *A transformational building should be cutting edge. Net zero, per Oregon Model for Sustainable Development, is tough to achieve but it is a target.*
- *Don't want to lose program space to achieve LEED levels.*
- *The priority is program space considering the space requirements.*
- *Should strive for sustainability.*
- *"We are looking for a highly sustainable building".*
- *LEED certification is not a priority but upholding high sustainability standards will be. At some point the group will want to add up the LEED points and decide then if they will go for certification.*
- *Filling a recreation building with natural light is a great feature!*
- *Natural light is a very good thing when well harvested!*
- *Use good and smart lighting, but make sure it is well controlled with proper systems for operation.*
- *Make certain to properly balance glass so as to avoid glare.*
- *Terrazzo flooring is visually desirable, and it always appears to be a good long investment.*
- *Be careful about using "natural" concrete.*

BRING NATURE IN/PROGRAM OUT

In the Northwest we are blessed with a temperate climate, and beautiful scenery year-round. In part of the existing recreation center – Esslinger – this connection is largely ignored, especially in comparison to the 1999 Recreation Center addition. Many spaces in a recreation center are ideally suited to make both visual and physical connections to the outdoors.

Therefore...

- *Filling a recreation building with natural light is a great feature!*
- *Natural light is a very good thing when well harvested!*
- *Physical access to the out-of-doors for a Leisure Pool is very important*

DT *The visited facilities reside in places that the climate is not outdoor friendly. How much of the program can be relegated to the outdoors year round and not replicated with built structures. Example the covered tennis courts or basketball court*

MEATHEADS TO THE BACK

The free-weight area in a recreation center is often the focus of very fit and muscular individuals. This can be intimidating to beginners, and users of lighter free-weights whose intent does not center on bodybuilding.

Therefore, create zones within the fitness area that provide a variety of cardio and free-weight opportunities. These might include lighter free-weights and circuit equipment, and less visible cardio areas to work out in. Put the meatheads in the "back" so that users do not have to go through that area to get to their preferred locations.

- *Placing the free weights (aka the Meathead's area) at the "front door" of your Weights & Fitness area is a very bad idea. The Committee much prefers to locate that space away from the primary entry to this area, thus improving a patron's willingness to come in and explore the space.*
- *Locating the Meathead's and their free weight equipment in the "back" of the Weights & Fitness area is much wiser than putting them on display at the front door!*
- *Providing a "Women's Zone" (or similar, with a better name!) in the main Weights & Fitness area is a great idea.*



Project User Group (PUG) Meeting 6A – 2/14/12

Schematic Design

User Group:	Dennis Munroe	UO	PE & Rec	present
	Mike Eyster	UO	Student Affairs	present – second half
	Bryan Haunert	UO	PE & Rec	present
	Brent Harrison	UO	PE & Rec	present
	Sue Wieseke	UO	PE & Rec	present
	Geoff Hale	Student	SRC Advisory Bd	
	Michelle Vander Heyden	Student	ASUO	present
	Derick Olsen	Student	SRC Student Emp	present
	Kristen Gleason	UO	Club Sports	present
	Jen Phillips	UO	Neuroscience	present
	Julie Haack	UO	Chemistry	
	Rob Thallon	UO	Architecture	present
Support	Gene Mowery	UO	Planning	present
	Emily Eng	UO	Planning	present
	Charlene Lindsay	UO	FS Cap Con	
	Daren Dehle	UO	FS Cap Con	
Design Team	Jack Patton	RDG	Architect	present
	Jeff Schaub	RDG	Architect	present
	Jim Henry	RDG	Architect	present
	Justin Platts	RDG	Landscape	present
	Otto Poticha	PA	Architect	present
	Carl Sherwood	RSA	Architect	present
	Dave Guadagni	RSA	Architect	present
	Matt Koehler	CM	Landscape	present
CMGC	Dan Pelissier	HSW	Contractor	present
Student Steering	Craig Speck	UO	Student Rep	present
Guests	Peg Rees	UO	PE & Rec	present
	Molly Kennedy	UO	PE & Rec	present

MEETING MINUTES

Diagrams and other visual information presented at this workshop and noted below are available at the UO project web site: <http://pages.uoregon.edu/eeng/src.html>

Student Steering Committee Comments

1. No representatives of Student Steering Committee in attendance at this time. (Craig Speck from the student committee joined the meeting in progress later in the agenda but did not address the group.)



Review of Exterior Schematic Design

2. Review of physical model.
 - a. There is about a 12' elevation change between the SRC main level and University Street
 - b. There is an interest in considering using the upper level patio for tennis and possibly other leisure sports such as bocci ball. Design team will check and see if a tennis court will fit.
 - c. There is a possible stair connection between the natatorium patio and the upper patio.
 - d. There is a concern for maintenance at the saw tooth gym roof since it is segmented in such a way that it is not possible to go from flat section to flat section around monitors.
3. Portions of the new east exterior elevation is developed from materials, patterning and datum lines that already occur on the existing north side, 1999 SRC 15th Street, elevation.
4. There is a prominent glass face on the east elevation that cantilevers out over the bike path and is distinctive from the brick areas. This face will use exterior screening in order to control glare and heat build-up. A series of vertical assemblies provides rhythm, solar control and breaks up the large extent of glass. Vertical mesh perpendicular to the glass is used to separate areas of clear glass and screened areas.
5. The east facade features fitness activities that provide a visual cue to the purpose of the building. This facade is almost unique on campus but has some similarities to the impact that the fishbowl has at the EMU. The User Group Pattern - Dynamic Building suggests that this is appropriate.
6. The glazing on the east façade overlooks active play fields and may be subject to strikes from errant soccer balls, but it was agreed that a normal double-glazed curtain wall assembly will suffice for this installation. It was noted that strikes from baseball or lacrosse balls would likely damage the glass and wall system.
7. The gym roof monitors were presented with flat roofs in response to CPC concerns about shed roof forms on campus. The monitors extend to the roof edges and a side glazing element of the monitors will run down the east face to panelize the east gym facade.
8. The PUG would like to add back the sloped roofs on the gym roof monitors.
9. There is an exit stair that connects the upper patio with the natatorium southeast sun deck. This connection will make for good shared use but does not support universal access. Wheelchairs will not be able to take this path.
10. The group feels that more glazing and material articulation is needed on the south façade of the gym. This could possibly occur at the south building corners. The architect will explore options.
11. Some interest within the group for using wood on exterior or a wood-like look that is maintenance free. Wood elements can be used on the interior that can be seen from the exterior such as wood ceilings that would be very visible at night.
12. The existing SRC has brick, stucco (synthetic), tile, glass, copper, and painted concrete (Esslinger). The new addition will have brick, glass, and metal panels. True cement stucco, stone and copper are also possibilities.

Site Design

13. Terrace seating along the east edge of the building will act as an extension of the base of the building. Some of this seating will be covered by the east fitness wing and some extends south



and will not be covered. This edge will be broken up to create areas for various groupings, landscape-planting areas, and accessible seating areas. It will support activity spaces for outdoor classes, spectator seating, social gathering, stretching and sunbathing etc.

14. Each tier might be as wide as 7' with a 2' edge being concrete and the rest covered by artificial turf.
15. Peg would like to seat 3-tiered seats at least in some areas to support class groups (2) of up to 35 students. Space for 100 people seating would be good along east edge. This seating is more for socialization rather than spectator seating for field support since it is set back from the fields. The seating also creates buffer into natatorium.
16. The covered area is almost 30' deep at its greatest extent and about the same length as the bonus room
17. There is a preference for a roll up garage door 10' wide for equipment entry into the field storage room. This room will be located at the south edge of the new construction and accessed off the south fire lane.
18. This project has to do improvements to campus open space equivalent to 16% of new building area.
 - a. Some improvements at 15th Street by the northeast corner of the site that will improve the connection across 15th are being considered. A raised crossing at 15th is possible and we will need to maintain access for fire vehicles to the fire lane. These improvements would remove about 5 parking spaces.
 - b. Other improvements could occur towards the south along the bike path. Terraced seating, bike parking and landscaping could be added along the edge adjacent to the Tennis Center.
19. The Project needs to add about 100 bicycle parking spaces including about 56 covered. This parking should be close to major bike routes. The existing covered bike racks at the 15th Street north entry could possibly be modified to fit more bikes. The bike count was determined by Emily and was based on the number of people using the facility over a 2-hour period.

Review of Interior Schematic Design

20. Lower Level:
 - a. Multi-stall restrooms have been added to support the sport field users. These rooms can be accessed even when the SRC is closed, if desired. (Staff noted that this is not likely). The group has decided that two single stall unisex toilet rooms are all that are required for field support.
 - b. The south end of bonus room is divided off for temporary lockers for sport field users. The group decided not to give this area over for this use. Instead lockers should be provided along the lower level interior east entry path.
 - c. Secure bike parking will be located along east interior entry hall.
 - d. The pool deck is now about 5 or 7 inches above the outdoor fields. It was 2' above the field in earlier designs. Lowering this level allows for more interior headroom clearances under the fitness wing and at the free weights area.
 - e. The wet classroom has access from natatorium, from east entry and from interior main level circulation stairs.
 - f. The lap pool has a sloped access (wet) ramp. Could also add a stair. A dry ramp is also possible.
 - g. The leisure pool has a new configuration. The new diving well is 18" above level of leisure pool. The edge of the dive tank would not be a walking surface. Water can fall over edge into leisure pool. The water is the same in the dive tank and leisure pool.



Four lap lanes, seat benches, stairs, bubble benches, space for volley ball and a more defined narrower zero entry will all be part of the leisure pool.

- h. Deck showers will be provided.
- i. A steam room alternate is indicated.
- j. Only private showers are shown in the locker rooms but one small gang shower for each gender is desired.
- k. Schematic Plans do not currently show enough space to accommodate the locker count requested by the University (via email Feb 9, 2012). Bryan Haurert commented that their request may be reduced to a lower count, and the meeting to discuss that is pending
- l. A wet side toilet room (perhaps unisex) is desired from natatorium deck without entering locker rooms. This will help keep dry areas of locker room to remain dry.
- m. It might be possible to split the existing service area into spaces for both Outdoor Pursuit and Maintenance. A space for cardio equipment maintenance will be necessary elsewhere in the facility and is preferred at the upper level.
- n. The lounge at the northwest corner of the Great Hall is visible from the east entry and from floors above. Could there be a fireplace?

21. Main Level:

- a. It is important to take advantage of south views from the fitness area. It might require shades on an automatic system to control the sun.
- b. Some toilet facilities in the existing Esslinger locker rooms will be saved or modified to serve the Esslinger areas. This will save on the plumbing costs.
- c. The plan shows increased width of control access/turnstile area.
- d. Membership services should stay at north entry. PE services from upstairs could move down into this area.
- e. Spinning has grown and the mat room has been modified by moving it west and equipment issue has moved into what is now the east end of the old mat room. Equipment issue will have three checkout windows and students can cue up in a single line along the wall to the west. The equipment issue will oversee the south entry/turnstiles.
- f. A question arose about rolling chairs and other equipment into the existing 3-court gym that currently can be entered at grade along its south edge but will be 4' below the new main level. The PUG is not concerned about this floor difference since the groups that deliver this equipment will be able to deal with the floor elevation change.
- g. Social spaces are located throughout the facility.
- h. There is a concern for fitness equipment layout in areas now shown angled.
- i. There is a concern about pinch points between elevators and the locker room entry.
- j. The design team was directed to consider adding a more direct connection between the control area and the existing MAC courts. Could be in the area now indicated for spin storage.

22. Upper Level:

- a. The cardio equipment on this level should have a maintenance support area.
- b. Fitness zone level at west end is set at track level with a sloped (1:20) walk up 30 inches to the rest of the fitness area.
- c. The new 3-court gym has storage at its south end. Maintenance will require 50" minimum access width to upper patio for rolling equipment. Paired 3' doors will provide an adequate access width.

23. General:

- a. We are about 1,000 sf over area but about 2,000 sf short on fitness area
- b. There is a maintenance concern for exposed structure at horizontal openings between floors since they are likely to be dust collectors that are not easily accessed.
- c. In the area between the new and existing gyms the floor openings at the various levels do not line up and how this will work with the structural system is questioned. In addition



the amount of combined circulation and floor opening space in relation to the usable floor space in this area appears to be out of balance.

Action Items

24. Areas that still needing development or refinement:
 - a. South elevation.
 - b. Site plan along east edge
 - c. Emergency exits from the new gym.
 - d. Pinch point at main level locker room entry.
 - e. Path to group-ex.
 - f. Eliminate dusty ledges.
 - g. Need more lockers
 - h. Simplify floor openings and circulation in the zone between the new and existing gyms.

End of Report



USER GROUP GA

2.14.12

1
of 4

- ROOFTOP TENNIS?
- LIKE SUN EXPOSURE TO PATIO OFF POD
- * CONSIDER ACCESS PROBS. CAUSED BY ROOF FIELDS.

EXT. DESIGN PRESENTATION

LESS REFERENCES

- DATUM
- PROPORTION
- BASE, BODY, CAP
- VERTICAL SOLAR CONTROL
 - GLAZED WALL FOR TRANSPARENCY
 - FLOATING PANELS TO ADD SCALE/RHYTHM

* THINK ABOUT SOCCER BALLS RE: MATERIALS & DETAILING LACROSSE BALLS

- CONCERN OVER FORM OF ROOF MONITORS
 - LOSS OF SLOPE • SOLAR ACCESS
- LACK OF GLAZING AT GYM WALLS
 - TOP LIGHT IS MOST EFFICIENT
 - WINDOWS CAUSE GLARE

* PREFER 'SHED ROOF' MONITORS ON GYM

- CONSIDER 35 PEOPLE FOR SEATING IN A CLASS GROUP.

* CONCERN OVER SOUTH SIDE OF GYM

- CONNECT ROOF DECK W/ PATIO/EXIT (CONTROLLED)
- * LIKE THE IDEA - NEEDS WORK

6A

(2)

*PREFER GARAGE DOORS FOR FIELD STORAGE
10 FT PREFERRED

<u>MATERIALS</u>	<u>EXISTING</u>	<u>NEW</u>
BRICK	✓	✓
STUCCO	✓	MAYBE
TILE	✓	NO!
GLASS	✓	✓
CONC. - PAINTED	✓	
METAL		✓ PREFERRED OVER STUCCO
COPPER	✓	?
WOOD		? ✓

- *MAKE SURE DOORS GYM/ROOF ARE WIDE ENOUGH FOR EQUIPMENT (40 min - 60 PEEF.)
- *CONCERN ABOUT REFLECTIVITY OF METAL
- *SOUTH VIEW OUT OF FITNESS - WHY SOLID WALL?
- BLINDS INSTEAD?
- *WOOD - LIKE IT - INSIDE FOR SURE - OUTSIDE IF MAINTENANCE FREE
- *ALUMNI CENTER HAS SAME QUALITIES.

6A SRC INTERIOR PRESENTATION.

3
of 4

- WIDENED EAST ENTRY
- * STILL DEALING W/ CYM EXT PATH
- FIELD LEVEL RESTROOM
 - ACCESSIBLE ONLY WHEN BUILDING OPEN.
- * 2 • UNI GENDER TOILET ROOMS
- * FIELD ACCESS LOCKER IN VESTIBULE INSTEAD OF BONUS ROOM.
 - CONSIDER AUTO DOORS FOR EASE OF BIKE ACCESS
- POOL ACCOMMODATES WET RAMP
- QUESTIONS ABOUT VALUE OF BUBBLE BENCH
- LIKE WATER FALL
- * LOW LOCKER CANT AT THIS TIME
 - ALL PRIVATE SHOWERS (MAYBE SOME GANG O.T.)
 - DON'T FORGET DECK SHOWERS
 - CONSIDER A QUICK RINSE SHOWER
- IDENTIFIED FREEZING ISSUES
- SAVED SOME RESTROOMS IN OLD LOCKER RM.
- INCREASED SPINNING
- MOVED STUDIO 49
- ADDED EQUIPMENT ISSUES - NEEDS TURNSTILES
- * CONFLICT W/ LOADING - BACKUP GEN
- * CONCERN OVER EQUIPMENT REPAIR SIZE & LOCATION

6A

4
of 4

- RENTAL USE OF GYM - REQUIRES ACCESS FOR TABLE/CHAIR DELIVERIES

- NO DUSTY LEDGES?!

- HOW DO OPENINGS RELATE FLOOR TO FLOOR

- * PINCH POINT AT LOCKER ROOM - MAIN.

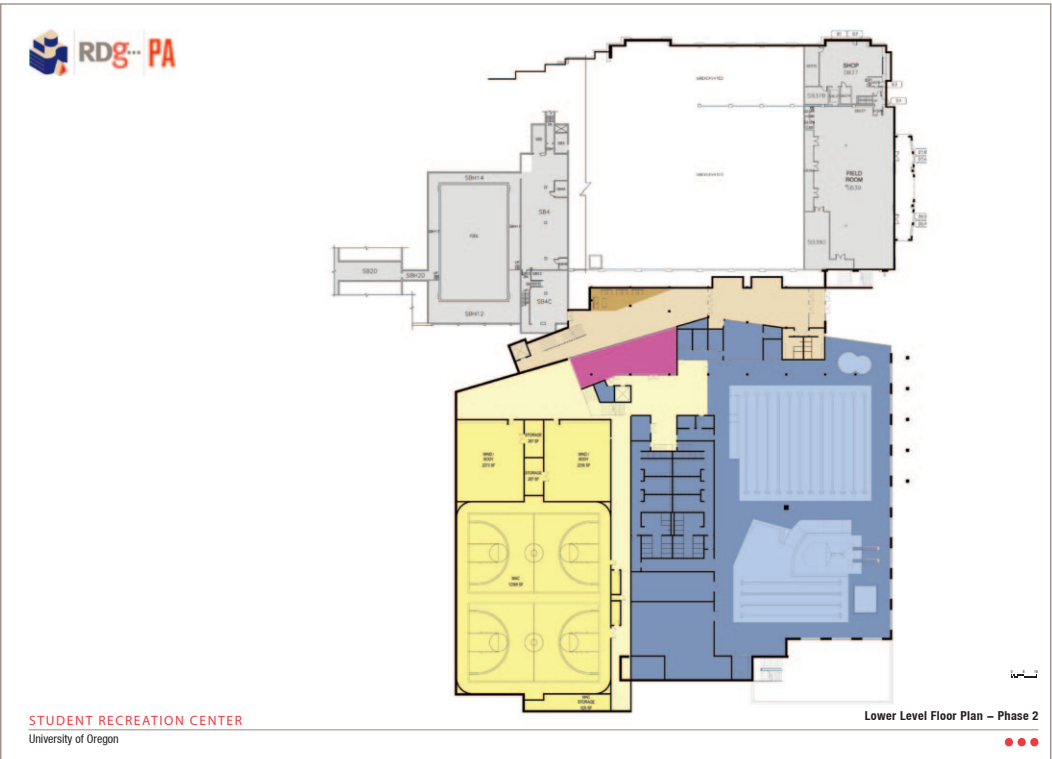
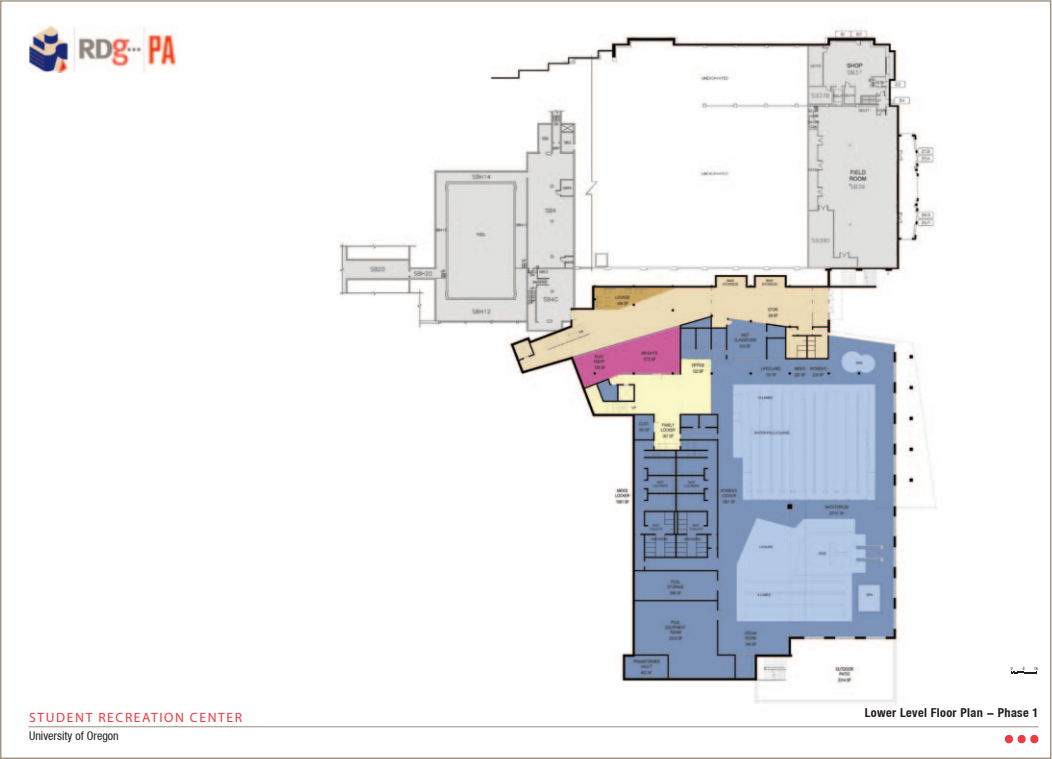
- * FITNESS AREA ANGLES - HOW ARE THEY EFFECTIVE

- * MORE DIRECT PASSAGE TO GROUP - EX-
OK IF EQUIPMENT ISSUE STAYS.
*EXPLORE



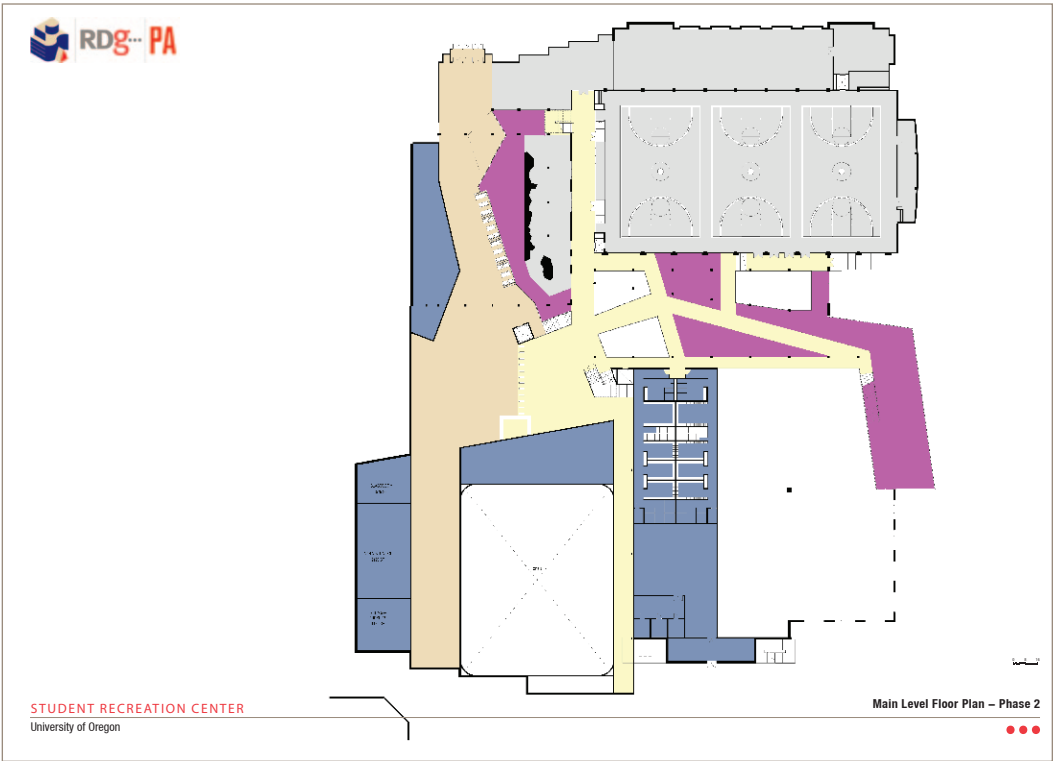
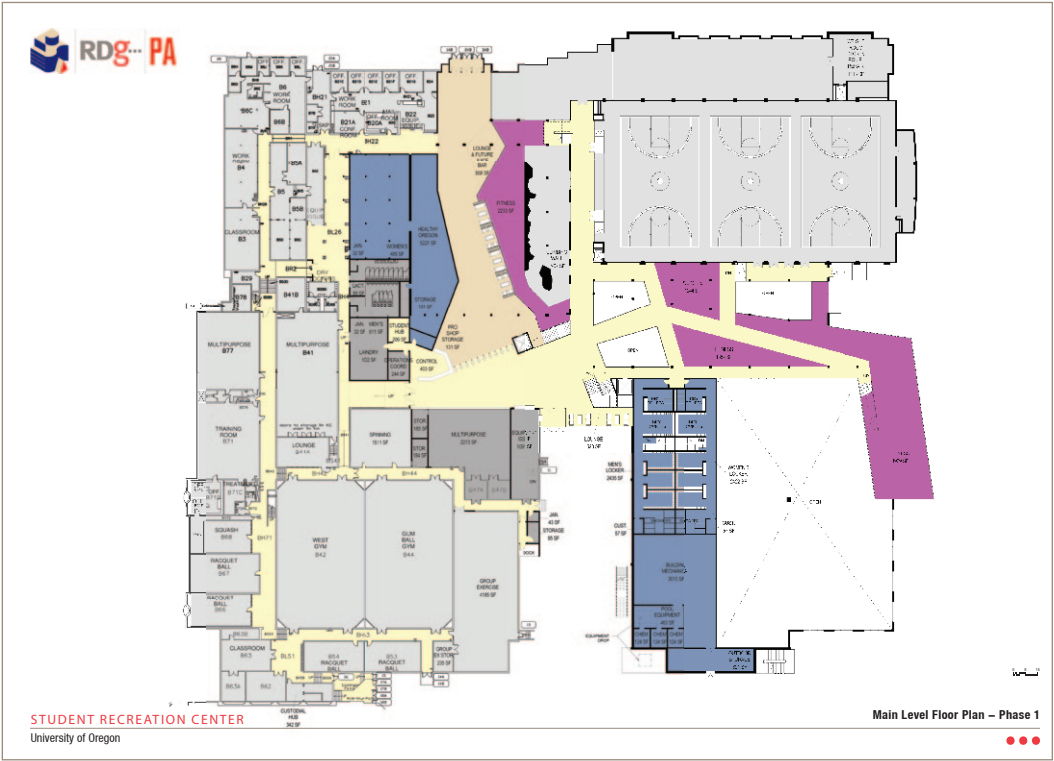
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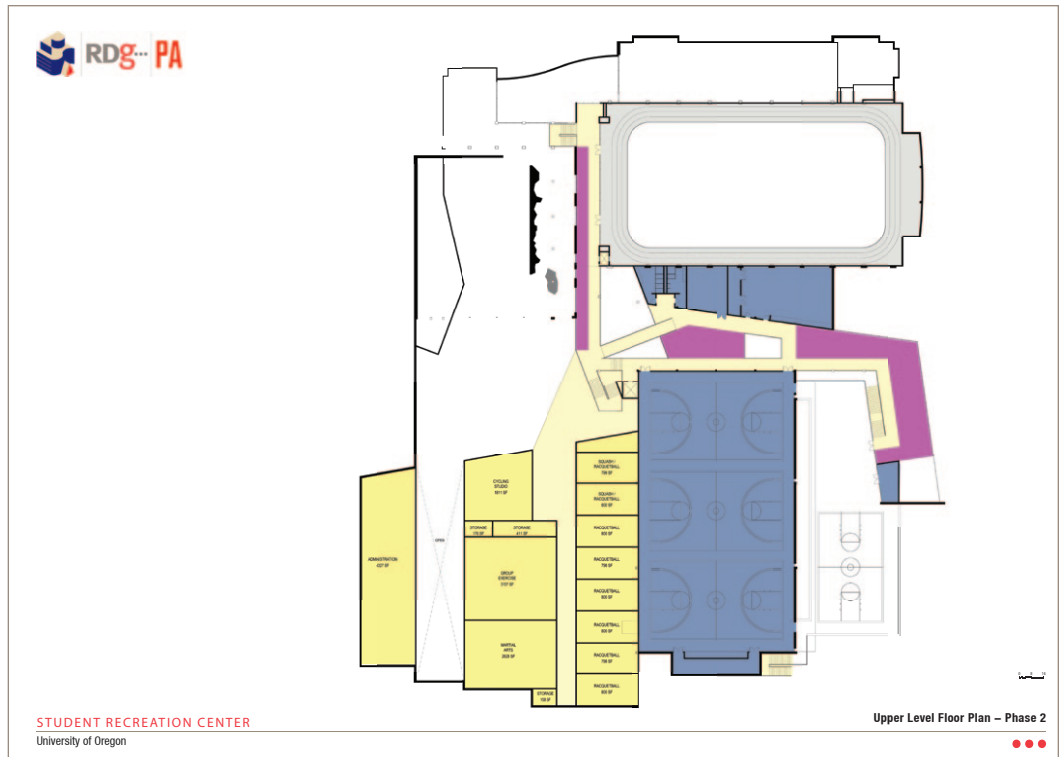


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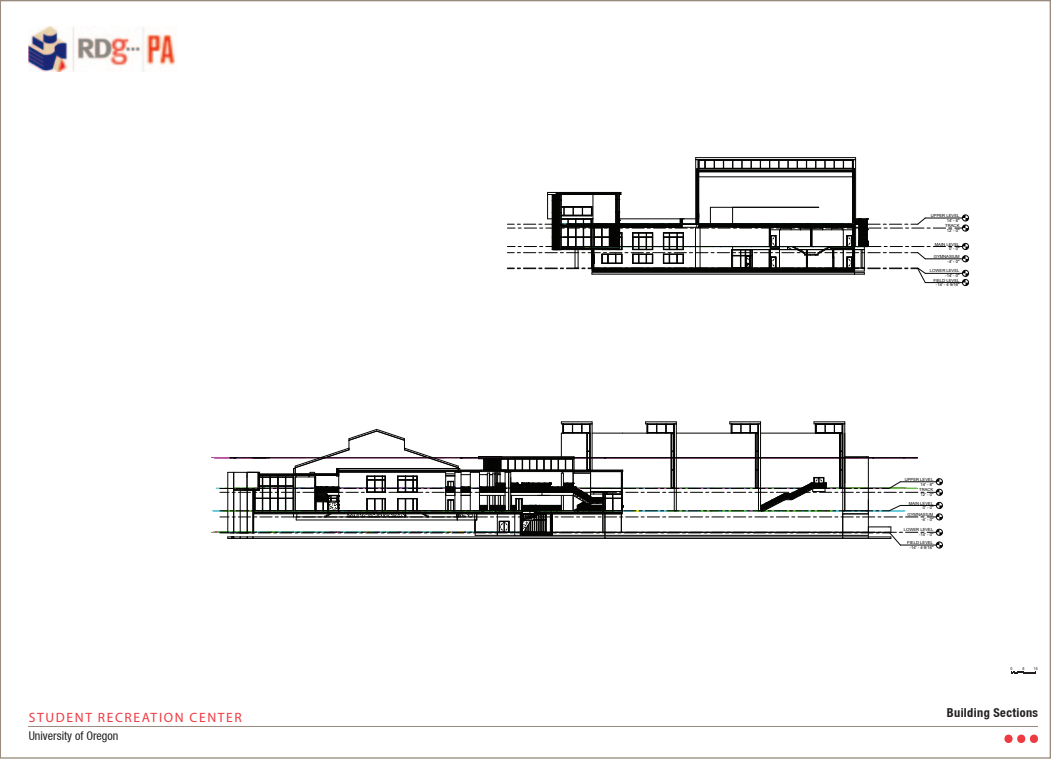
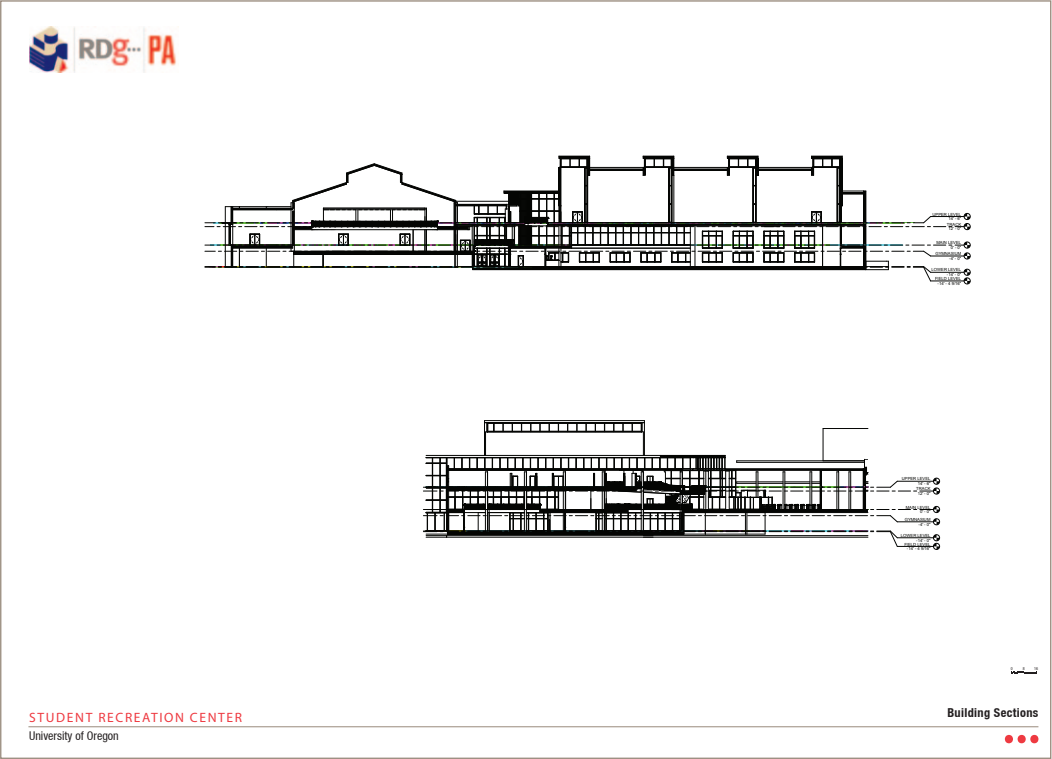


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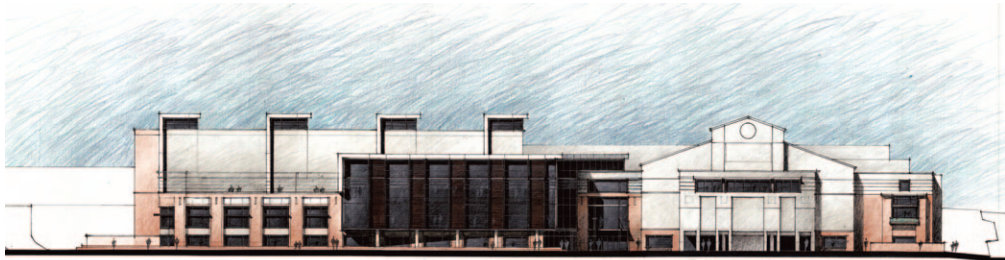
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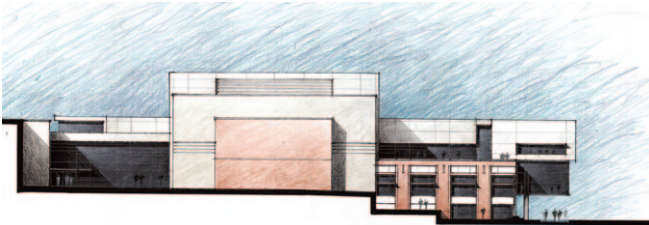
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STUDENT RECREATION CENTER
University of Oregon

East Elevation
● ● ●



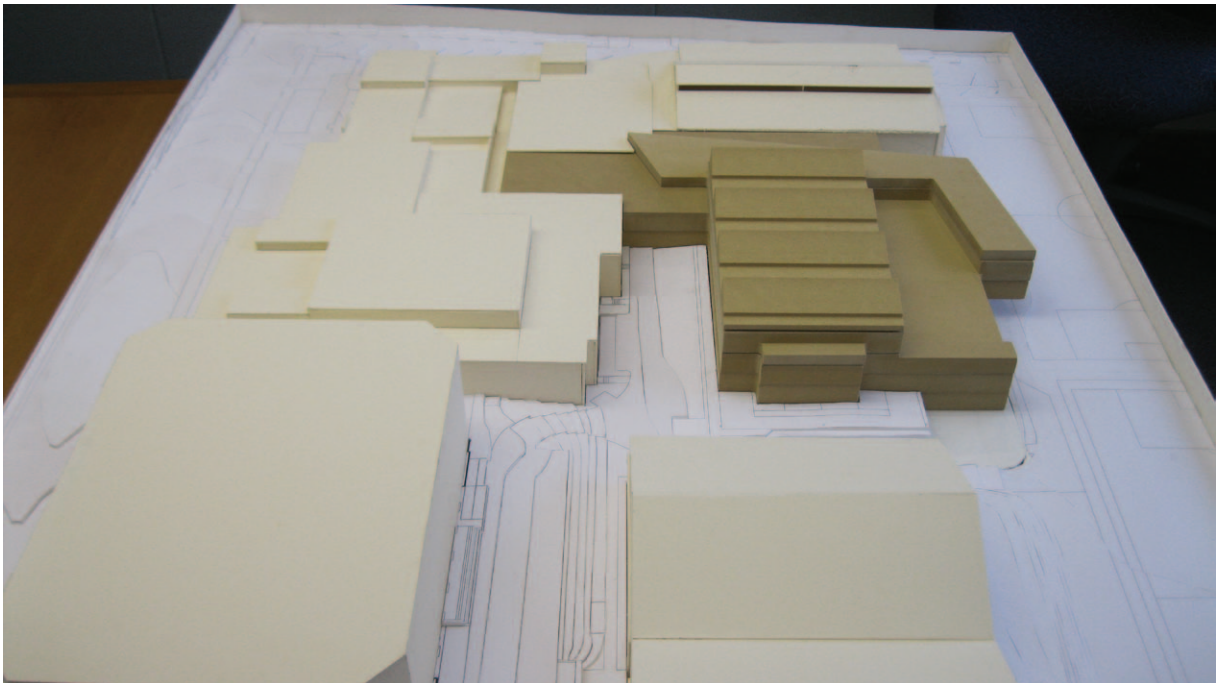
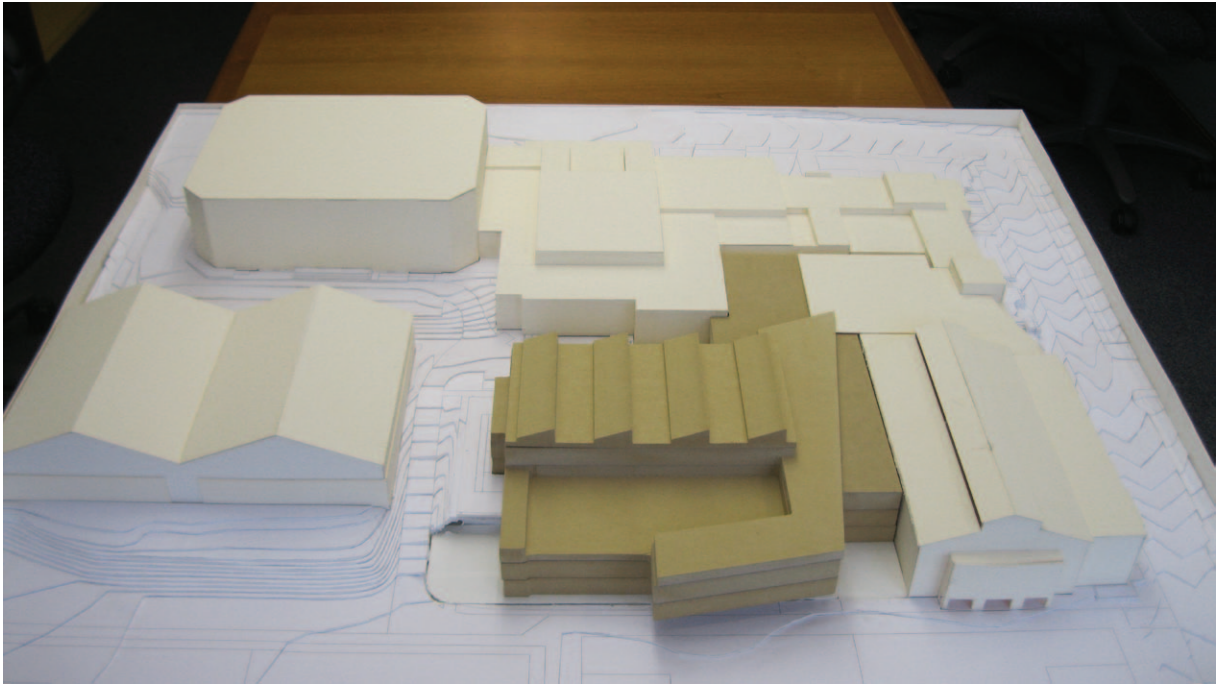
STUDENT RECREATION CENTER
University of Oregon

South Elevation
● ● ●



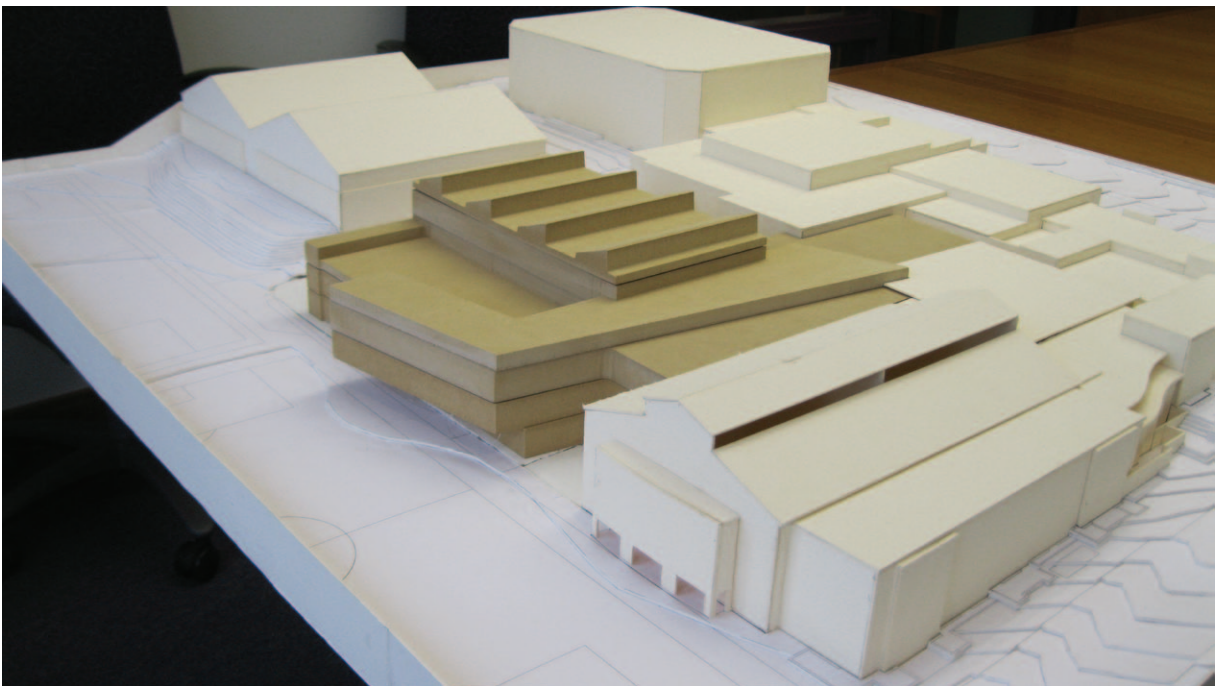
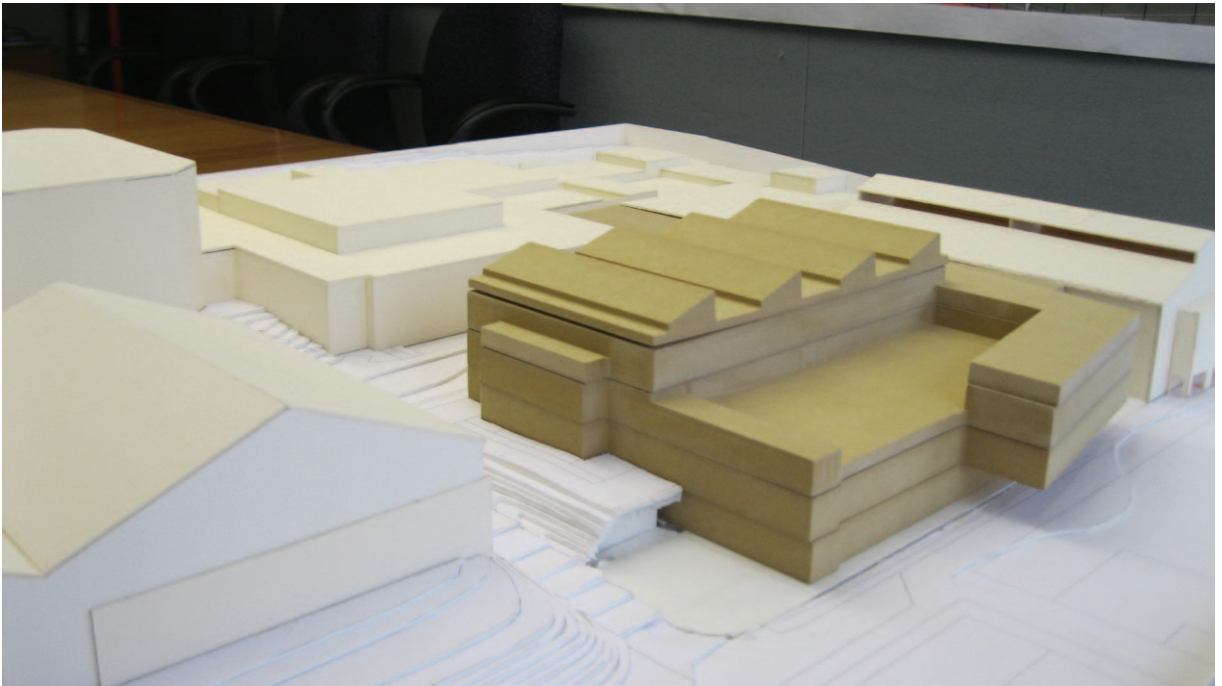
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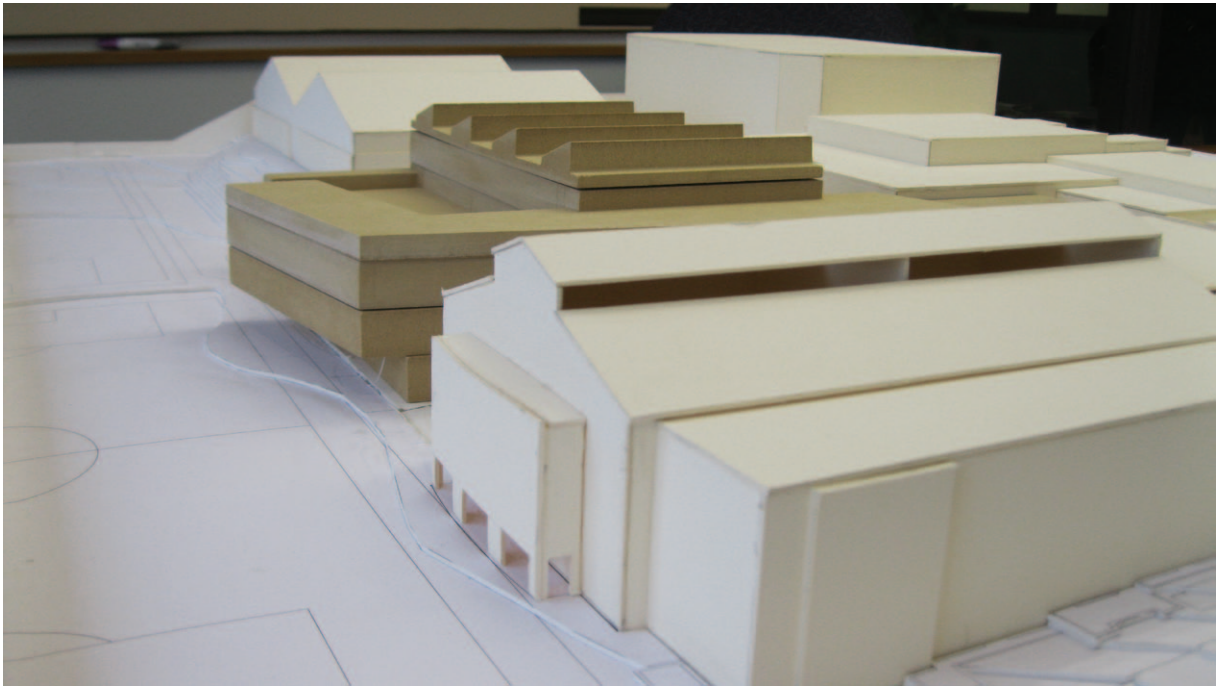
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INTEGRATED DESIGN RECAP 2/15 ①

- * FIRE SPRINKLER EXPLORATORY WORK IN ESSLINGER
- * NEW TO OLD FIRE ALARM - MAY REQUIRE UPGRADE TO OLD
- * FACP FOR PRIMARY ENTRANCE - AT EXISTING ENTRY
- * MODIFY SRC TO MATCH NEW
- * STORMWATER - ROOF / STREET - SF
- * IRRIGATION MINIMAL - POTABLE
- * PARKING DISPLACEMENT - COST??
- * FIRE LANE - WILL IT BE BROKEN DURING CONST.
- * FIRE ACCESS TURN RADIUS
- * ROOF SYSTEM WARRANTIES AT ROOF DECK.
- * REDUCED FOOTCANDLE LEVELS
 - COMPARE W/ EXISTING GYMS / POOLS
- * USE OF MOTORIZED LOUVERS - TIE TO DAYLIGHT MONITORING CONTROLS
- * MATERIAL SELECTION - IMPACT ON LIGHT LEVEL

(2)

TECHNOLOGY

- RECAP OF #S OF "STANDARDS"
- * NEED TO ADDRESS DIGITAL SIGNAGE (FUTURE)
 - WHO SUPPLIES/MAINTAINS (MEDIA SERVICES, I.T.)
 - NEED POWER/CONNECTIVITY
 - DPS USES FOR NOTIFICATION
- * ROUGH-IN FOR DIGITAL SIGNAGE AT SELECT LOCATIONS
 - DON'T CALL IT MASS NOTIFICATION
- * FULL BUILDING WIRELESS - NEED DISTRIB. IN NEW ADDITION.
- * DOOR MONITORING AT CONTROL DESK - NOT TIED TO FIRE ALARM SYSTEM
- * DELAYED EGRESS PREFERRED - BUT HAS TO BE TIED INTO FIRE ALARM SYSTEM

MECHANICAL

- * GYM - NATURAL VENTILATION ONLY?
 - COLD WEATHER VENTILATION ADDS A DISCOMFORT FACTOR
 - HOT WEATHER VENTILATION = HOT ROOM
 - AMOUNT OF VENTILATION IS SMALL
- * RADIANT FLOOR IN GYM
- * WEST WALL GYM - MASS WALL?
- * LOOK AT SPACES COMMINGLED AIR FOR NATURAL VENTILATION
 - NEED CFD MODEL TO VERIFY

③
* USER COMFORT IS GREATEST CONCERN
OF USE OF NATURAL VENTILATION ONLY

* POOL BLANKETS

* ROUTING OF DUCT WORK IN NATATORIUM
- DESIGN TO ELIMINATE CONDENSATION

* CISTERN WATER SUPPLY TEMPERATURE IS
ISSUE -

* POOL SHELL REUSE - WHAT KIND OF
COST ON REHAB. ...

- MAINTENANCE - CONFINED SPACE
-

* ODOR FROM GREY WATER TO FLUSH TOILETS
WILL NEED FILTRATION SYSTEM.

* DESIGN CONFIRMATION NEEDED
@ EXIST'G PARKING AREA.
COURTS? LOADING? FENCED?

SITE DISCUSSION

2.15.12

V1 IDS

- 15th ST. STOPWATER FLOW THROUGH PLANTERS = SLOW STOPWATER = IMPROVE QUALITY.
- MINIMAL SPACE TO IRRIGATE.
- OPEN SPACE IMPROVEMENT TO 15th CROSSING & POTENTIALLY PATH/TRAIL SOUTH OF IMMEDIATE SPL SITE.
- MAY NEED TO REMOVE PARKING TO IMPROVE STOPWATER TREATMENT ON 15th.
- IS THE 17' ALLEY @ SOUTH OF SPL NECESSARY ANYMORE?

BUILDING SYSTEMS

1/2

IDS
2/15/12

* MAINTENANCE

WHO DOES IT? ZONE MAINTENANCE
SRC PAYS FOR IT - EXCEPT DAY TO DAY

BRICK

GLASS - HOW KEEP IT CLEAN BATHING SCREENS

METAL

COPPER

WOOD

* LARGE GLASS WALL SYSTEMS - MAKE SURE THERMAL BREAKS EXIST

* WATERTIGHT DETAILING AT TRANSITIONS

- EXPANSION JOINTS

- METAL SYSTEMS IN PARTICULAR

* ACTUAL WOOD EXTERIOR IS QUESTIONED

- WOOD SUBSTITUTE MAYBE

- USE IT PROPERLY

* ROOF DECK CONCERNS

- PROTECTION OF MEMBRANES FROM PAVEMENT PEDESTALS

- USE OF SLIP MEMBRANE

- HOW TO CHASE LEAKS

- * SINGLE PLY ROOFING - COST BENEFIT ANALYSIS $\frac{1DS}{2/15/12}$ $\frac{3}{2}$
ALUMNI CENTER, ARENA 80 MIL - 30 YR WARRANTY.
TIED TO SOLAR PANEL LIFE
- * THERMAL SYSTEMS -
- ENERGY ANALYST - NEED INPUT
- * SELECT MATERIALS FOR DURABILITY
- * HARDWARE SYSTEMS, ACCESS CONTROL, CAMERA
- SUPPLIED & MAINTAINED BY FACILITIES
- * TERRAZZO - GREAT FOR HIGH TRAFFIC
- COSTS?
POLISHED CONC. - GOOD, BUT HIGHER MAINT
- CRACKS
- STIFFER STRUCTURE REQ'D
- * TILE SYSTEMS - CONSIDER GROUT COLORS
- EPOXY GROUT - NOT PREFERRED
- HEIGHT OF WALL TILE - HIGH IN
SOME AREAS - UP TO PARTITION HEIGHT
- LARGER TILES
- * SELECTED USE OF VENEER PLASTER



MECHANICAL

1/2

- Energy efficiency
 - 30%-35%
 - HRV,

IDS
2/15/12

- DISPLACEMENT VENTILATION @ GYM. &
- NATURAL VENTILATION @ GYM.

CONCERN FOR HUMIDITY @ WOOD FLOOR. MFR REQUIRES
SLABS WILL NOT BE COOLED @ GYM SLAB SO
SHOULD NOT HAVE HUMIDITY PROBS.

REVIEW HUMIDITY CONCERN W/ FLOOR MFR.

- RADIANT HEATING @ GYM.

- CONSIDER NO MECH VENTILATION @ GYM. - CHARLIE BROWN.
NIGHT FLUSH.

ART CORLISS - ADVOCATES FOR NATURAL VENT.
TURBIN VENTILATORS.

INTAKE ON EAST WALL - EXHAUST WEST ROOF EDGE.

- PADDLE FANS @ FITNESS - BUT NOT GYM. - BIG ASS FANS.
- ACTIVE CHILLED BEAMS @ ENCLOSED FITNESS AREAS.

NOT FENTON HALL MFR.

- REPURPOSE WEIGHT ROOM ISO TO GROUP EX -
SYSTEM THERE IS OK FOR CHANGE

- TREAT MAIN LEVEL FITNESS AS OUTDOOR SPACE.

• SLIDING WINDOWS, NATURAL ^{MECHANICAL} VENTILATION, MASS
• ROOF TURBIN, CEILING FANS. RADIANT WALL

CEILING OR FLOOR SYS. - PADS @ EQUIP A PROBLEM
HIGHER CHILLED WATER TEMP. ①

integrated design session exhibits

University of Oregon, Student Recreation Center

MECHANICAL

2/2

IDS
2/15/12

NATATORIUM.

- SEPERATE MECHANICAL UNIT. - DUCTED.
- HUMIDITY CONTROL AN ISSUE.
- CONCERN FOR CONDENSATION @ SKYLIGHT
- ASSUME POOL BLANKETS

RAIN WATER HARVESTING.

- STORM WATER
- FILTER WATER. NUTRIANT - DERTS. DEBRIS.
- COOL - 55° - 70° - BACTERIA CONCERN W/ WARM H₂O
- USE AS GRAY WATER - FLUSHING. LEGIONELLA
DOMINANT
BELOW 68°
- RADIANT COOLING. - SLABS. 68-113° PROPS
TEMP FOR
LEGIONELLA
- INDOOR HEAT PUMP.
- TUNNEL COOLING. - HEAT PUMP.
- STORE HOT WATER FOR SHOWERS - HEAT SINK.
- CLEANING ACCESS.
- A LOT OF CORROSION. -
- NEED TO SEAL POOL
- MAINTENANCE CONCERN - CLEAN EVERY 2-YRS ±
MEASURE P.H.

ODOR - CONCERN

(2)

integrated design session exhibits

University of Oregon, Student Recreation Center

1/1 $\frac{IDS}{2/15/12}$

Lighting

Gym - 50 FC SEEMS HIGH FOR ARTIFICIAL
(30-40 FC) Lighting - SUGGEST MEASURING
OK) EXISTING GYMS ON CAMPUS
Pool - LESS DAYLIGHTING WILL BE AVAILABLE
50 FC IS PROBABLY NOT ACHIEVABLE.
MAYBE LIMIT HIGH FC LEVELS TO
HARD SURFACES. CHARLIE HAS
SOME EXISTING POOL STUDIES

Fitness - 25 FC

Locker - 10 FC OK

Circulation - 25 FC + TASK LTG

(BOH) OFFICES - 25 FC + TASK LTG

Daylight Dimming ZONES - USE CPI'S
to Control Daylighting - INCORP WITH
LUTRON Lighting Controls FOR Automatic
Integration. ZONES TBD.

VO TO DET. FC TARGETS

Comp to OEC

Technology:

1/2

IDS
2/15/12

- MISSING USE CAT5E Not CAT6
RATED to 300 MHz
- Outlets ALWAYS USE (2) OR (4) PER
PLATE.
- Phones - (2) CABLES EACH.
- FITNESS EQUIPMENT - (2) CABLE FOR
LOCATIONS TBD.
- CONSIDER POWER / DATA TRENCH
to ACTIVATE FITNESS EQUIPMENT.
- DO WE WANT CABLE TV INTEGRATED
into FITNESS EQUIP?
- ADD Digital SIGNAGE - CAN BE
FROM NETWORK OR STAND ALONE PC
 - - CONTENT FROM DEPT. OF PUBLIC
SAFETY. to BE DISPLAYED.
PROVIDE ABILITY FOR DPS CONNECTION.
- SIZE PATHWAYS FOR FUTURE DIST.
ANTENNA SYSTEM.
- FULL BLDG WIRELESS COVERAGE.
- ESSLINGER - RM 193 HAS EXISTING MDF
NEED TO MAKE PROV FOR NEW MDF IN
ADDITION. BACKFEED ESSLINGER MDF.
- CCTV - COORD W/ DPS AND LOCK SHOP.
RUNS ON SEPARATE NETWORK
- ADD PANIC ALARMS (DURESS ALARM)
REPORT to DPS

Control Desk -

Will A SEPARATE DOOR MONITORING
System BE REQUIRED? HAVE
STATUS PANEL AT CONTROL DESK

2/2

IDS

2/15/12

POWER MONITORING . ENSURE LUTRON
SIEMENS AND LUTRON CONNECTIVITY
TO NETWORK

**Project User Group (PUG) Meeting 6B – 2/16/12****Schematic Design**

User Group:	Dennis Munroe	UO	PE & Rec	present
	Mike Eyster	UO	Student Affairs	
	Bryan Haunert	UO	PE & Rec	present
	Brent Harrison	UO	PE & Rec	present
	Sue Wieseke	UO	PE & Rec	present
	Geoff Hale	Student	SRC Advisory Bd	
	Michelle Vander Heyden	Student	ASUO	
	Derick Olsen	Student	SRC Student Emp	
	Kristen Gleason	UO	Club Sports	present
	Jen Phillips	UO	Neuroscience	
	Julie Haack	UO	Chemistry	present
	Rob Thallon	UO	Architecture	present
Support	Gene Mowery	UO	Planning	present
	Emily Eng	UO	Planning	present
	Charlene Lindsay	UO	FS Cap Con	
Design Team	Jack Patton	RDG	Architect	present
	Jeff Schaub	RDG	Architect	present
	Jim Henry	RDG	Energy	present
	Otto Poticha	Poticha	Architect	present
	Carl Sherwood	RSA	Architect	present
	Dave Guadagni	RSA	Architect	present
	Matt Koehler	CM	Landscape	present
CMGC	Dan Pelissier	HSW	Contractor	
Student Adv	Brandon Morelli	UO	SRC Advisory Bd.	present – first half
Guests	Molly Kennedy	UO	PE & Rec	present
	Jackie James	UO	PE & Rec	present
	Brandon Morelli	UO	SRC Advisory Bd	present

MEETING MINUTES

Diagrams and other visual information presented at this workshop and noted below are available at the UO project web site: <http://pages.uoregon.edu/eeng/src.html>

Report on Wednesday Workshop Meetings

1. An integrated design session was held yesterday with design consultants and UO facilities personnel. Site issues, building materials, lighting, electrical and mechanical systems, technology and energy issues were discussed.
 - a. The design team has for the duration of this project recommended that building lighting meet the levels and standards established and documented by the



Illuminating Engineering society (IES). These are shown in both the Architectural Program and Schematic Design Narrative. During today's discussion it was noted that contemporary practices in Oregon currently focus on lighting level targets significantly below IES standards. In order for the design team to know what standard they must design to (light levels, specifically) the University must provide a directive that summarizes their needs for this facility. It was discussed that the University or Design Team may need to make field measurements of some existing facilities in order to determine a "new standard" or target.

- b. The design team indicated that the new gymnasium can be naturally ventilated; noting however that a Computation Fluid Dynamics (CFD) study will be required to ensure the specific temperature and ventilation objectives can be met. The user group confirmed that the gym mechanical systems will be designed to meet the day to day needs rather than to meet special circumstances such as the rare occasion when there are very large groups in the gym. The gym will have a radiant heating system but no cooling system (similar to existing gym but without mechanical ventilation).
2. The design team met with the City for a Limited Consultation Meeting. The team discussed:
 - a. Fire lane issues and possible use of 15th Street for fire aerial access
 - b. A Traffic Impact Analysis (TIA) will be required or the UO can produce an alternate document for city review that explains why a TIA should not be required. Note that since most users are already on campus, their travel to the SRC might not have a large traffic impact.
 - c. Maintenance of fire rated area separation walls between Esslinger and SRC
 - d. Cistern/storm water retention issues.
 - e. Acceptance of horizontal fire shutter or potential mezzanine designation for multi-story openings.
 - f. The Occupancy count for the new gym will be determined at a minimum of 50 sf per occupant (about 350 occupants in gym would be allowed) but more occupants can be allowed if exiting stair width as required for a greater number of occupants is provided and if signage is posted listing the maximum number of occupants. The SRC will be responsible for not allowing a greater number than posted into gym. (Refer also to PUG discussion in item #10 below)

Schematic Design Refinements

3. Changes to site plan:
 - a. The bike parking hoops will be allowed at a 30" wide spacing (2 bikes per 30"). Most existing bike parking loop are spaced at a 36" width so some extra parking could be added by being more space efficient. The design team will look at the existing north entry to determine if more bike parking can be added in that area.
 - b. The design team recommends two levels of seating along east edge of natatorium rather than three levels. Three tiers of 18" tall seating will block too much exterior glazing into natatorium since natatorium floor is now only about 5 to 7" above grade.
 - c. The east edge seating will be broken up into pods separated by landscape zones.
 - d. The east edge seating by the outdoor patio that will need to consider privacy issues, landscaping and potential placement of tents.
 - e. The group approves the landscape design direction for presentation to the CPC
4. Changes to plan were mostly at the core area between the existing gym and the natatorium / new gym
 - a. There is now a three story single volume opening through the floors that is wide, long and naturally lit. It may need to have a horizontal smoke control shutter separating the lower level.



- b. The number of openings has been reduced and the design simplified.
 - c. At the lowest level there are views into natatorium, wet classroom and free weights on one side and secured bike parking, displays and a lounge on the other side
 - d. The space will be lined with fitness spaces at both sides of the main level and along one side at the upper level.
 - e. There will be a clerestory window along the top north length at the upper level.
5. Changes at lower level included:
- a. Leisure pool has been modified and south spa is in a new location.
 - b. Steam room will be an additive alternate.
 - c. Lap pool now has long ramp and stair.
 - d. The east exit stair along the 1999 SRC gyms is wider and moved inside the building. And the other east stair is moved from the natatorium side of fitness to the east entry side and extends down to exit at the east entry.
 - e. Secure interior bike parking is added along the north side of the east entry hall.
 - f. Two large toilet rooms by the east entry are eliminated and now there is a pair of unisex toilet rooms for east field users.
 - g. Office count reduced from three to two offices.
 - h. Fireplace indicated at lounge
6. Changes at the main level:
- a. Simplified interior circulation path to east fitness area with more room in front of locker entrances.
 - b. Revised control support room layout.
 - c. New equipment issue area is revised to run east west along north side of mat room. Brian suggests making equipment issue narrower and placing north of the mat room in the new Main Street volume and not modify the mat room. An 8' depth of space will be adequate. It also needs to oversee the south entry turnstiles.
 - d. Location for future juice bar is indicated along east edge of new Main Street.
 - e. Improved connection to lower level and main street circulation between main and lower level
 - f. Free weights are moved to north side of the central space, against the existing gym wall.
 - g. There are more modifications in Esslinger than originally anticipated. This will have a negative impact on the budget. These changes includes part of control, laundry, equipment issue, mat room reconfiguration, weight room conversion to group-ex, enlarged spinning room, added lactation room, wider spots in hallways, and areas at membership services near north entry. Pricing will help determine if all these items move forward. Most of these areas will have to be replaced with the future yellow zone work.
7. Changes at the upper level:
- a. West edge of level has fitness space overlooking the Main Street control area. Fitness space also overlooks both the Great Hall and the exterior patio.
 - b. Added spectator seating at north end of the new gym.
 - c. Added south exterior stairs at gym/patio.
8. Changes to elevations
- a. Solar panels and south facing sloped skylights are added to the gym monitors. Ventilation turbines are also a possible addition to the roofline.
 - b. South elevation has not yet been modified to show new stairs, glazing or louvers.
 - c. East and west face of gym still needs additional articulation.
 - d. Daylight can be added to locker rooms on the west elevations.



9. Designated student socialization areas occur at lower level west end of entry hall (with fireplace), along main entry by rock wall/new fitness area, by south entry, over east entry and at lower and upper patios.
10. Occupant load for new gym: The SRC events are never more than 360 people. Larger events up to 1,200 people are typically University sponsored events such as graduation and only occur rarely. The outdoor patio will have a capacity for about 450 people based on its area and calculated per 15 sf per occupant. One possibility is for the gym to also be designed for 450 people. There is a concern however that this might not provide the SRC with enough flexibility in using the space. The PUG has a sense that 800 occupants in the gym would be reasonable to serve their anticipated program needs. Gene would like the design team to test this loading with some simple layouts as well as seeking a potential "sweet spot" occupant load count that considers occupancy in the gym and outdoor patio along with exit width requirements. After review of these diagrammatic layouts the University plans to make a final determination of the desired occupant count in these spaces. The determination of this count is necessary to complete the exit width and stairway analysis. (Refer also to the note from the meeting with City - Item 2f above).
11. Elevator needs to be sized to accommodate rack of chairs.
12. Patterns were reviewed and thumbs up were given for the following:
 - a. Clear Organization, Sightlines and Adjacency.
 - b. Enough Space and Capacity.
 - c. Rooms that Fit and are Flexible.
 - d. Easy Access, Yet Appropriate Levels of Access Control
 - e. Easily Supervised
 - f. Supportive of Social Interaction
 - g. Inclusive and Welcoming to All. (Private areas for those with body images could be improved by partial screening during design development.)
 - h. Quality of Light
 - i. Engage in Sustainability.
 - j. Bring Nature In / Program Out.
 - k. Meatheads to the Back.
13. The User Group gave thumbs up to the updated design.

Deductive Alternates Possibilities:

14. The design team will eventually be required to identify areas of work as deductive alternates that are valued between 5% and 10% of budget. The following are potential deductive alternates and in some case very rough estimates of value are indicated:
 - a. Roof top patio: Changes to roof only and saves about \$700,000. Saves on stairs, finishes and structure.
 - b. Limit Gym to 350 people – save \$50,000
 - c. Cut 60' off of south end of building including one leisure pool, one gym court and some locker room – saves \$6 million.
 - d. Eliminate leisure pool but shell space – save \$1.25 million
 - e. Maintain existing Esslinger dry lockers and only shell the upper locker space – save \$500,000.
 - f. Radically reduce work in Esslinger.
 - g. Eliminate one of spas – save \$200,000
 - h. Eliminate diving well.
 - i. Eliminate one of new elevators – save \$100,000
 - j. No replacement of turf at east field #2 - \$660,000
 - k. Eliminate fountain repair - \$250,000.
 - l. Construct only 2 courts at gym - \$600,000.
 - m. Reduce quality of Interior and/or exterior finishes.



- n. Reduce amount of interior or exterior glazing
- o. Furnishings and signage packages are not in our budget but might be deductive alternates outside of design team control.

Student Steering Committee Comments

- 15. The Student Steering Committee met yesterday and one student from the committee came to today's meeting. He noted that he likes the current design very much and the design received favorable comments at the committee meeting but most of the meeting discussions were about future fees. The PUG noted that they have no control over fees. Students can bring concerns about design issues to the User Group.

Action Plan

- 16. Design team will be meeting with the Campus Planning Committee (CPC), later today and again on March 7th.
- 17. Design team will continue to refine the design and will prepare a package for cost estimators on Friday, February 24th.
- 18. The cost estimate will be available on March 9th. If the estimate is high an additional meeting will be required to discuss cost saving measures. If on budget there will be one more meeting to present the final schematic to the PUG and possibly to UO facilities.
- 19. As discussed between Gene and Carl the design team will prepare a package of information for PUG review/comment that will be available as early as possible during the week of February 27th (ending March 9th). University Facilities Services, Power Plant, Operations, EHS, NTS etc., will also be issued a package for review with the same time frame.

End of Report

USER GROUP GB
SITE

2/16/2012

(1)

- BENCH/BIERS AT OUTDOOR PATIO
 - CONSIDER PRIVACY ISSUES
- - SPACE FOR EVENTS
 - ACCESSIBILITY
- MORE BIKE PARKING NEAR MAIN ENTRANCE
- LOCATE AWAY FROM ENTRY POINTS

PLAN CHANGE COMMENTS

- STEAM ROOM - ADD ALTERNATE
- EQUIP ISSUE STOUN TOO LARGE
- ADD ~~BAR~~ CLUB SPORTS STORAGE
- ADD STUDENT LOUNGE, LOCKERS, DISPLAY
- LACTATION ROOM - ON FREE ZONE
- RESTROOMS IN ESSLINGER FOR FREE ZONE
- FUTURE USE OF H.O. LD FOR FITNESS
- ADD EQUIP ISSUE AS ADD ON TO 47 - NOT REMODEL WITHIN.
- CONCERN ABOUT CONSIDERATIONS FOR PRIVACY.
- USE OF GYM - SRC USE NEVER OVER 200/SH
- (SHOW LAYOUTS) * - YES TO REQUESTS FOR RENTALS
- ELEVATOR - RACK OF CHAIRS/CATERING CARTS

1200 - 31'
800 - 20'
360 - 10'

REQ'D STAIR
WIDTH
(FROM M)

SHOW 450 KISSO!

(SHOW LAYOUTS) *

100 GYM

- 800 PEOPLE FEEL GOOD

DEDUCTIVE ALTERNATES

6B

②

- ✓ ROOFTOP PATIO - KEEP STRUCTURAL?
- ✓ ELIMINATE STRIP FOR LARGE GROUP - 1
- ✓ ~~LOP OF GYM COURT & LEISURE POOL~~
 - ↳ NATAROOM SHALL ONLY 1 LEISURE POOL?
- ✓ SHELL OUT DRY LOCKERS
- ✓ REDUCE ESSLINGER WORK - KEEP LAUNDRY ACROSS ST.
- ✓ ~~KEEP~~ ELIMINATE ONE OF THE SPAS
- ✓ ELIMINATE ONE ELEVATOR
- ✓ ELIMINATE FIELD #2
- ✓ ELIMINATE FOUNTAIN REPAIR
- ✓ BUILD GYM 3RD GYM LATER

meeting 6b exhibits

University of Oregon, Student Recreation Center

FINAL COMMENTS

GB

2.16.2012

(3)

- REVISE POOL OFFICE LAYOUT
- NO GERLINGER ANNEX
- ADD "WINDOWS" INTO LOCKER ROOMS

DEDUCTIVE ALTERNATE OPTIONS

2.16.12

ELIMINATE POOL PATIO.

± 700,000

Δ TO EPDM POOL
NO PATIO.
REDUCED EXITS. 540,000 :: ± 13' STAIR WIDTH!

ELIMINATE OPTION FOR LARGE GROUPS IN GYM.

± 50,000

REDUCE COUNT TO 360,000 :: 800,434 - 300,000 = ± 11' STAIR WIDTH.
REDUCED TO CODE MINIMUM

ELIMINATE LEISURE POOL & 1 GYM COURT ABOVE.

± 6,000,000!

LEISURE POOL, COMPLETE - RECONFIGURE LAP POOL?
GO' of GYM SPACE ABOVE POOL (1 COURT)
PERKES LOCKER COUNT
ALLOWS BIGGER POOL PATIO!

SHELL OUT DRY LOCKERS.

± 1,500,000

BUILD NEW WET LOCKERS, BUT NOT DRY ONES
IMPACTS HEALTHY OREGON! (UNKNOWN IMPACT)

DRAMATICALLY REDUCE WORK IN ESSLINGER (*?)

BUILD IN NEW FOOTPRINT ONLY.

meeting 6b exhibits

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2
OF 2

ELIMINATE ONE SPA
Δ FROM 2 SPAS, TO ONE.

± 100,000

REDUCE TO ONLY ONE NEW ELEVATOR.
USE A COMBINATION FREEZING / CONTROL ZONE ELEV.

± 100,000

ELIMINATE WORK ON SYNTHETIC FIELD #2.
DO NOT MODIFY AS PART OF THIS PROJECT

± 600,000

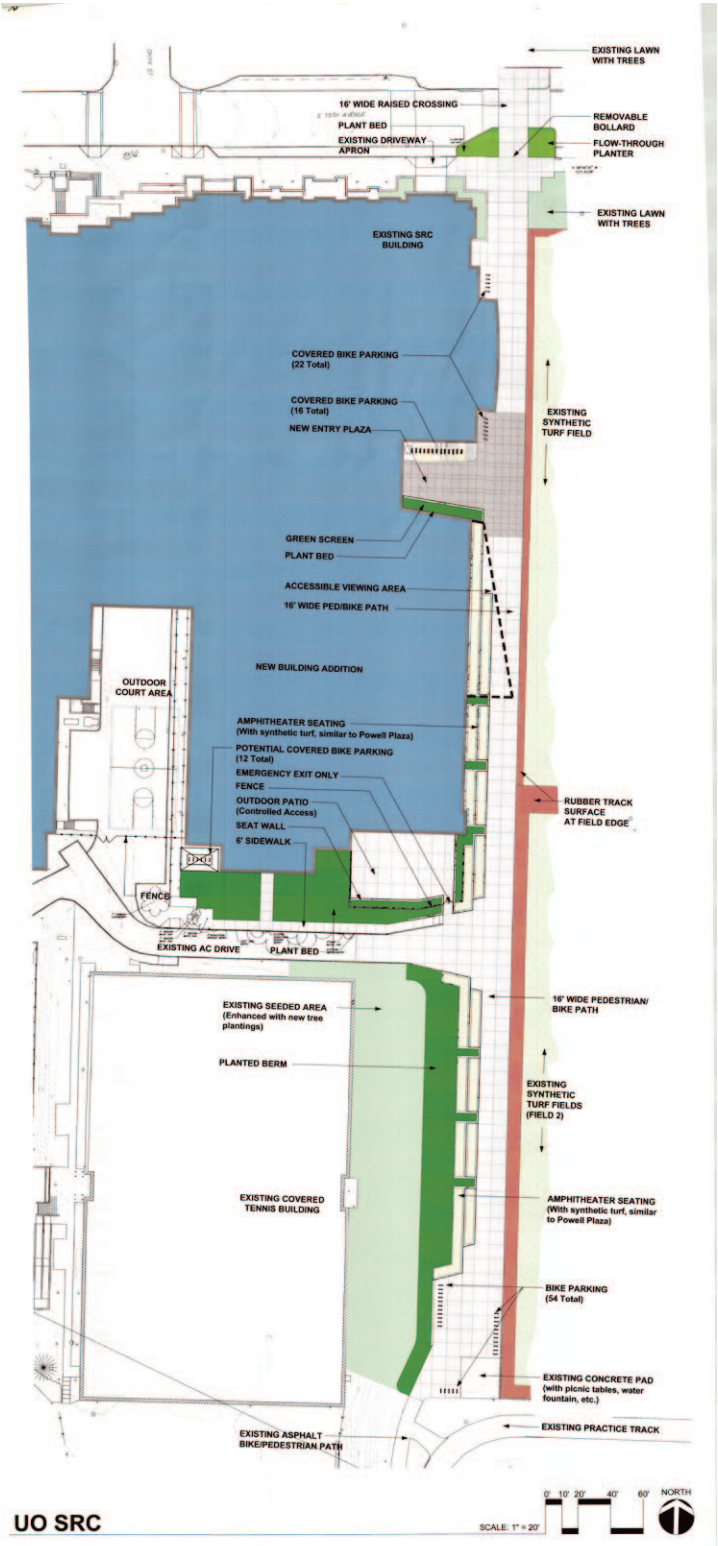
ELIMINATE FOUNTAIN REPAIR.
NO WORK ON FOUNTAIN

± 250,000



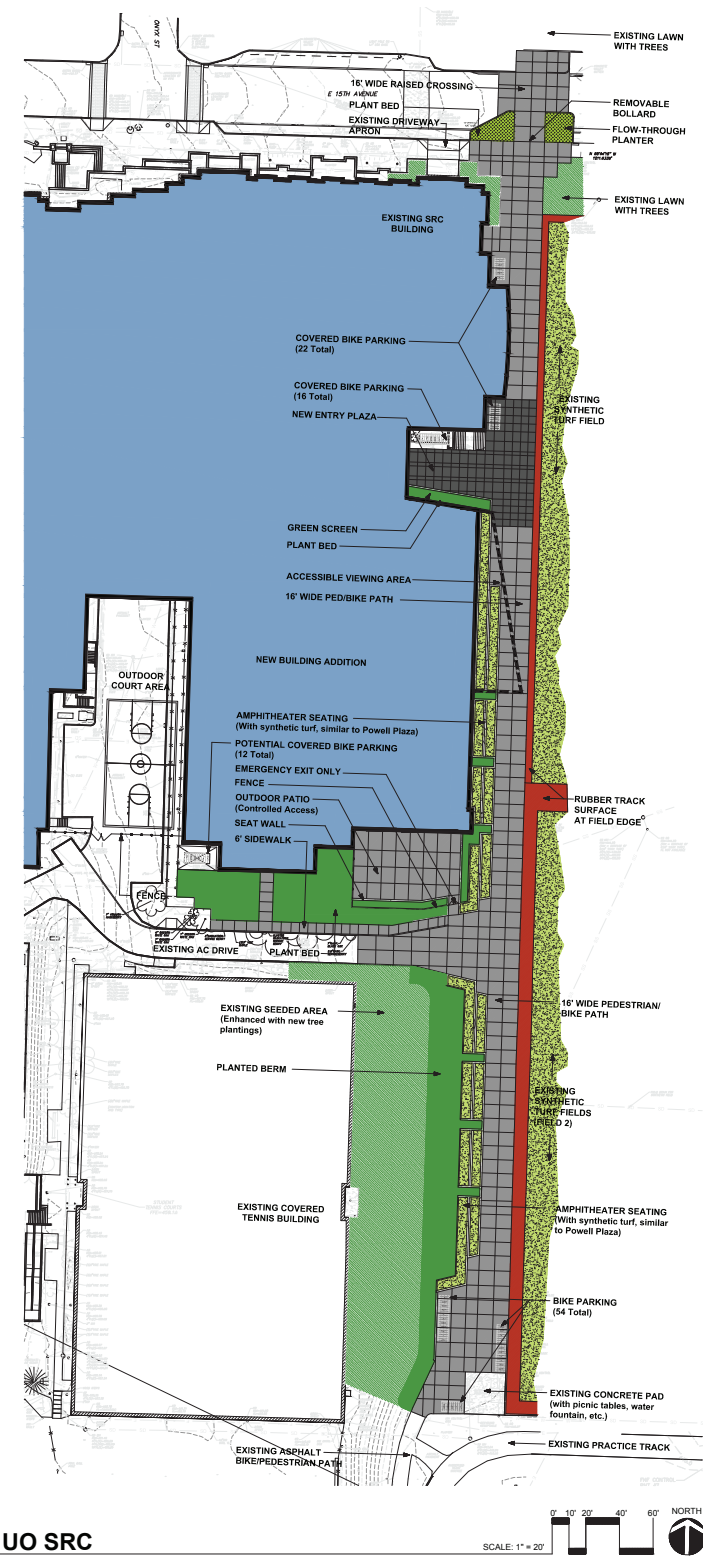
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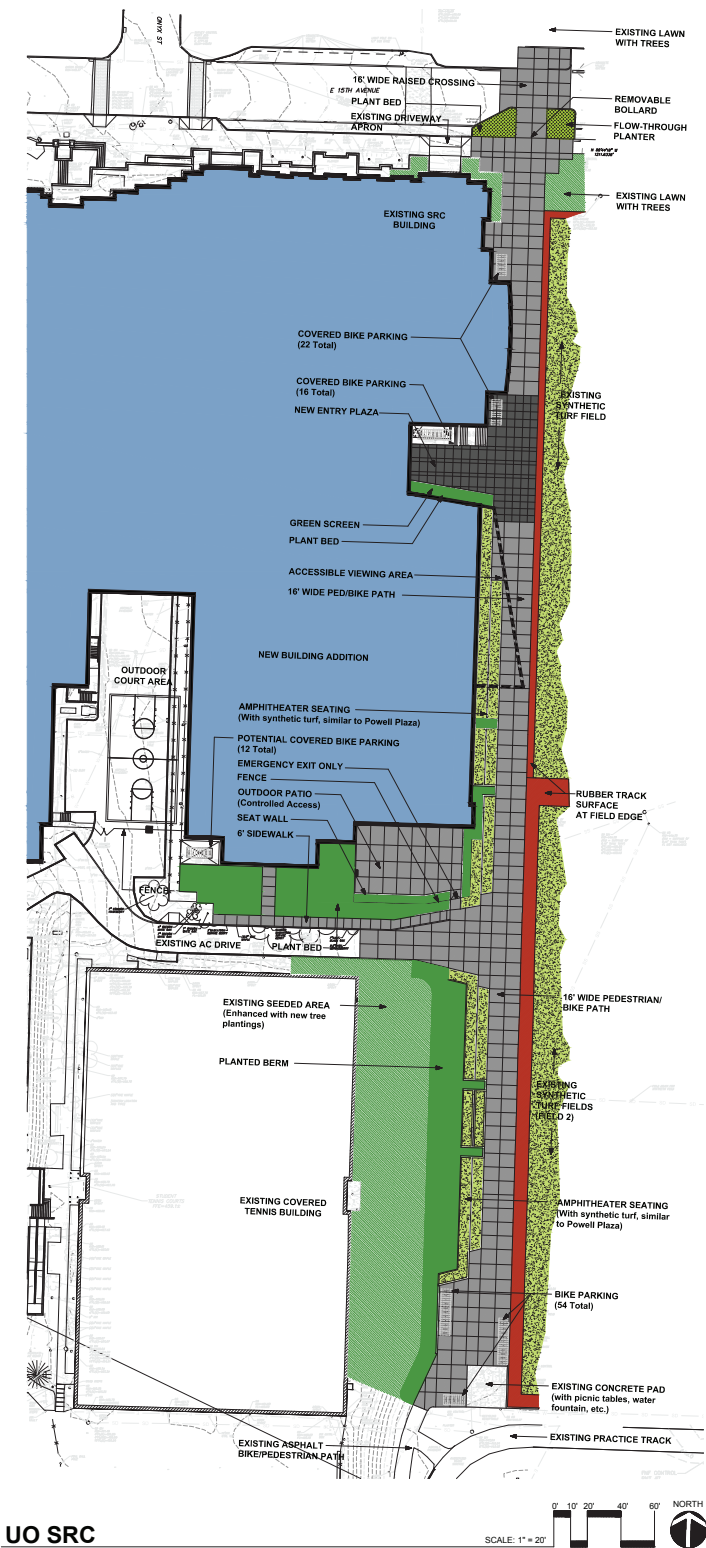
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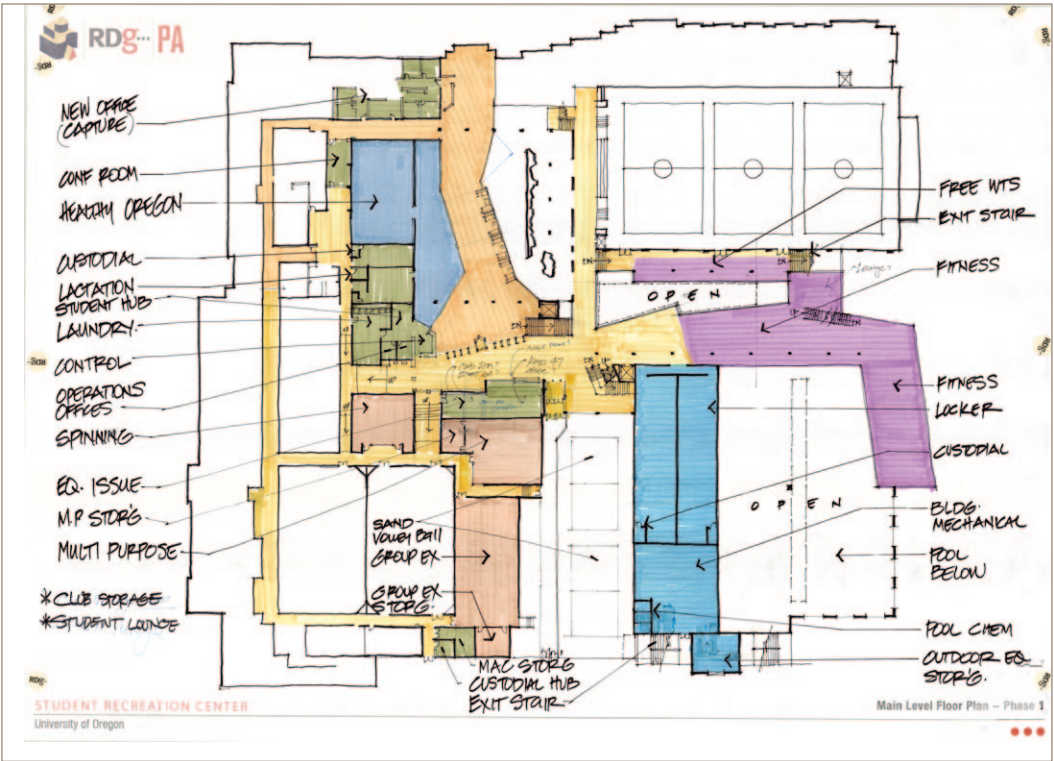
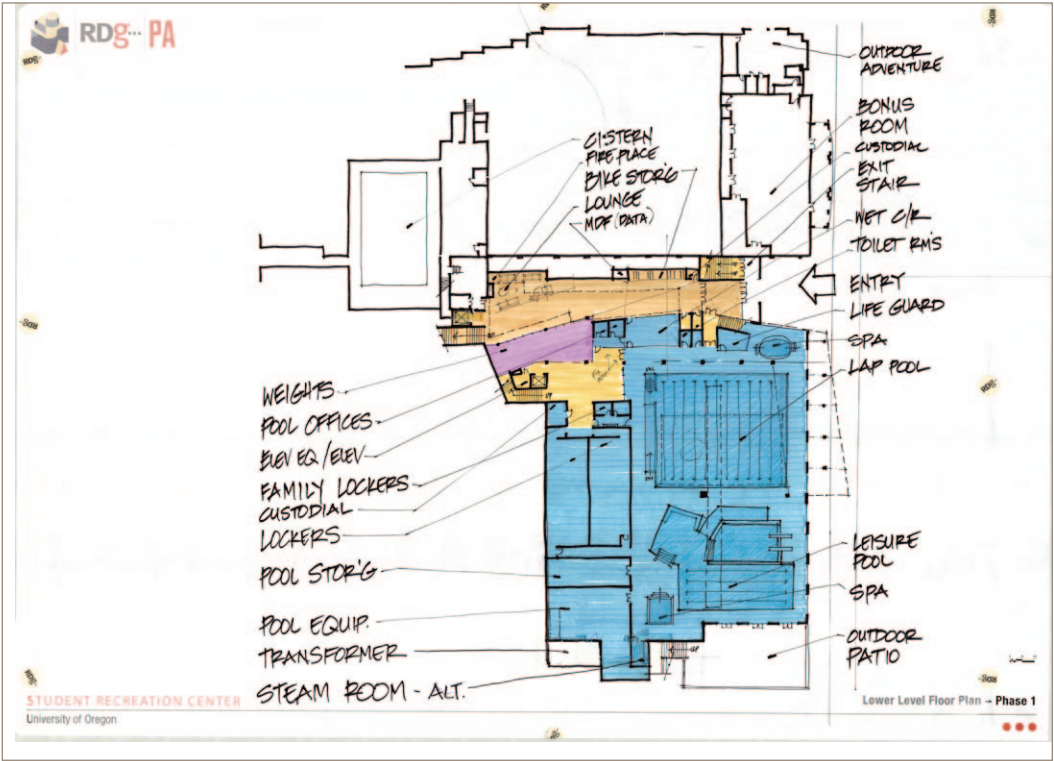
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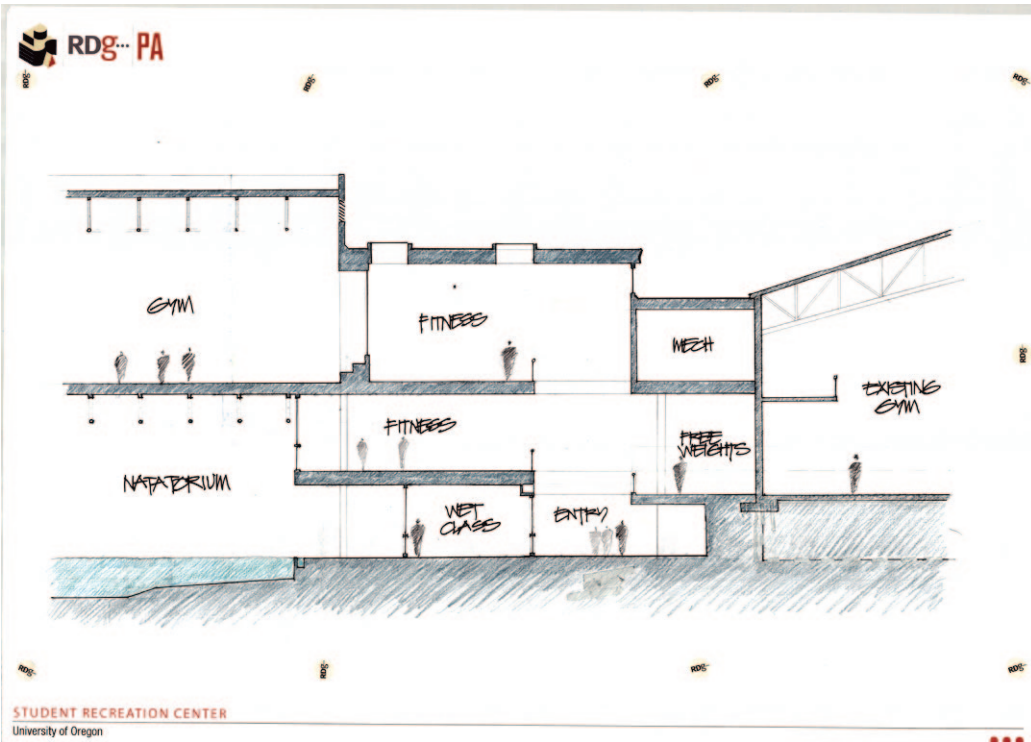
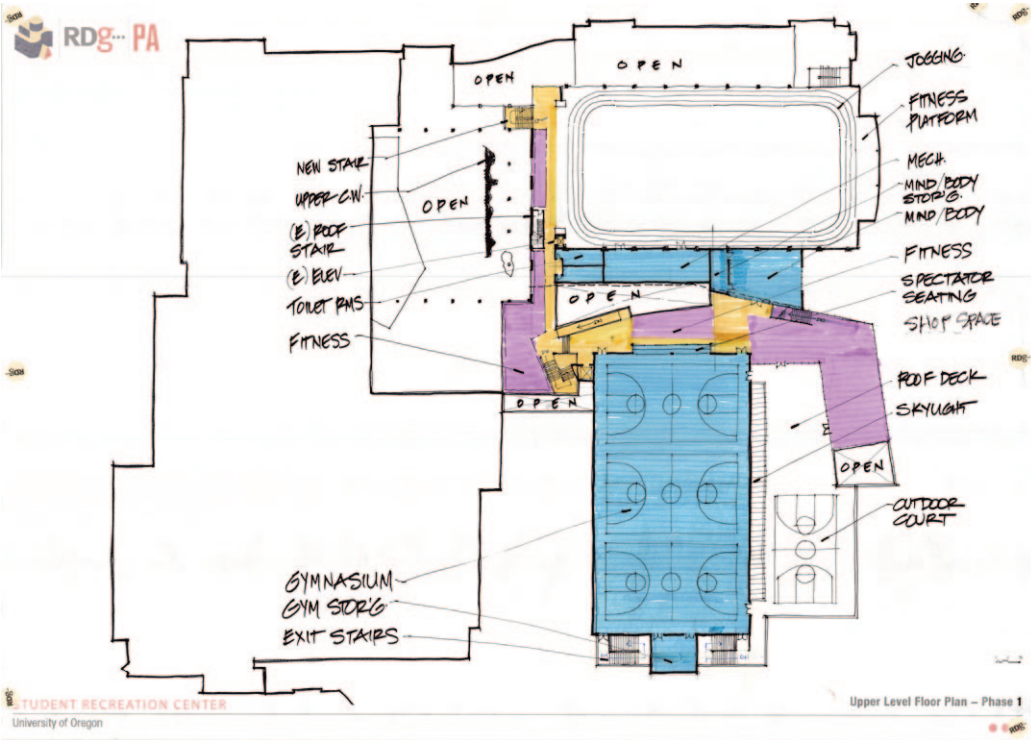
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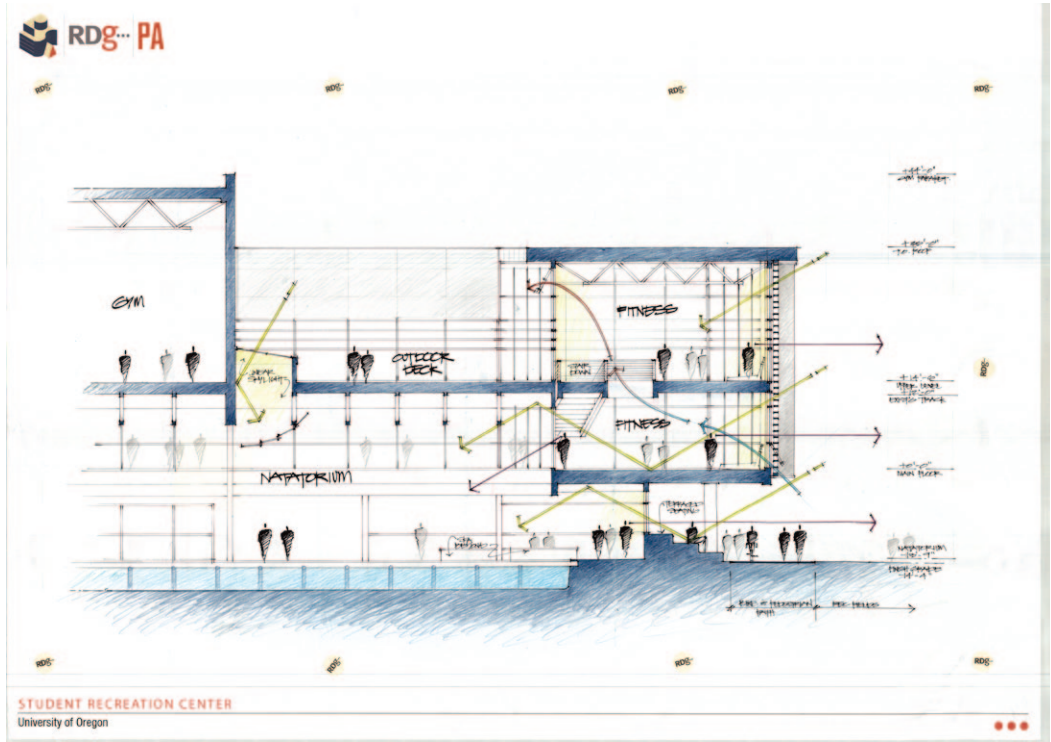
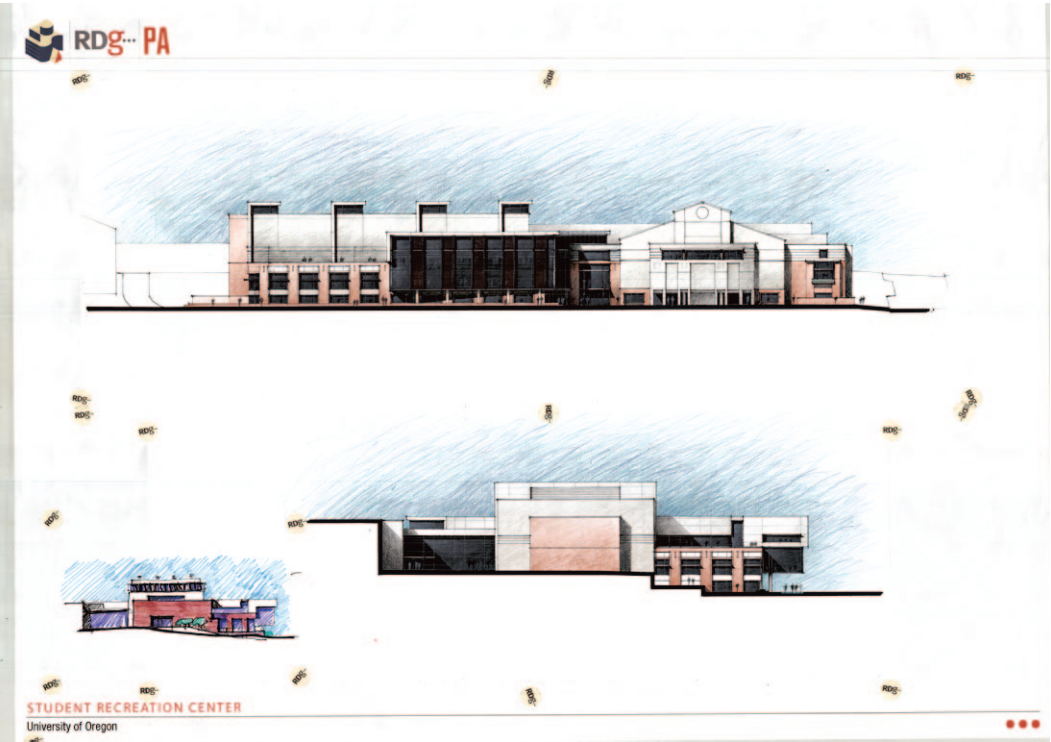
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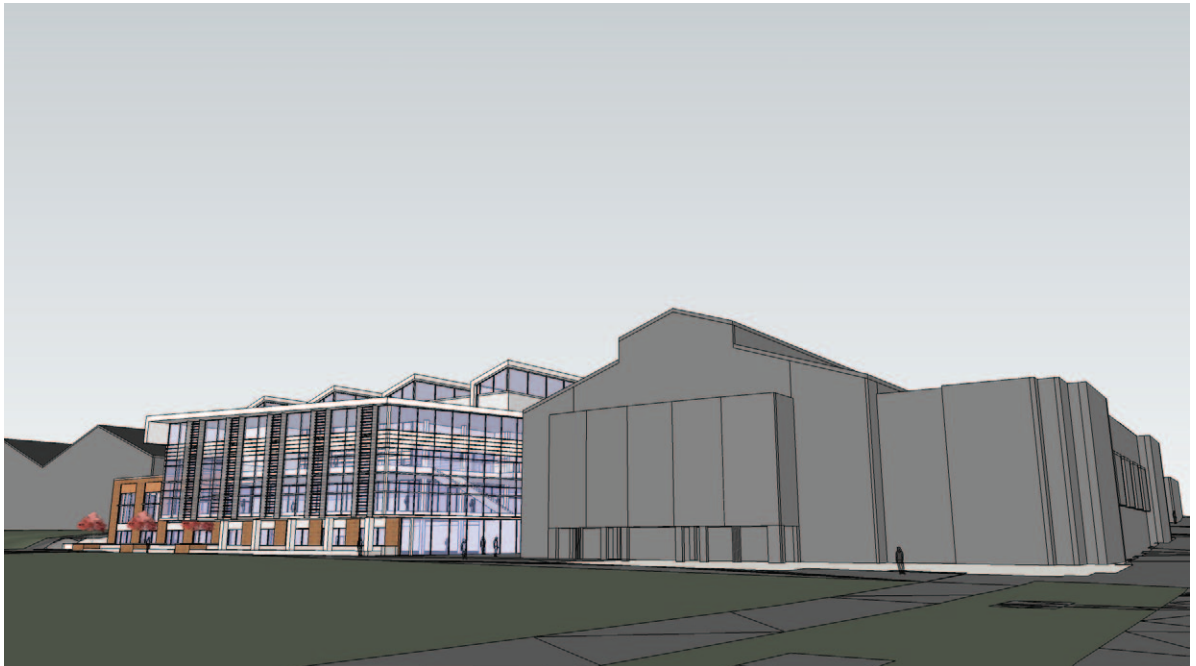
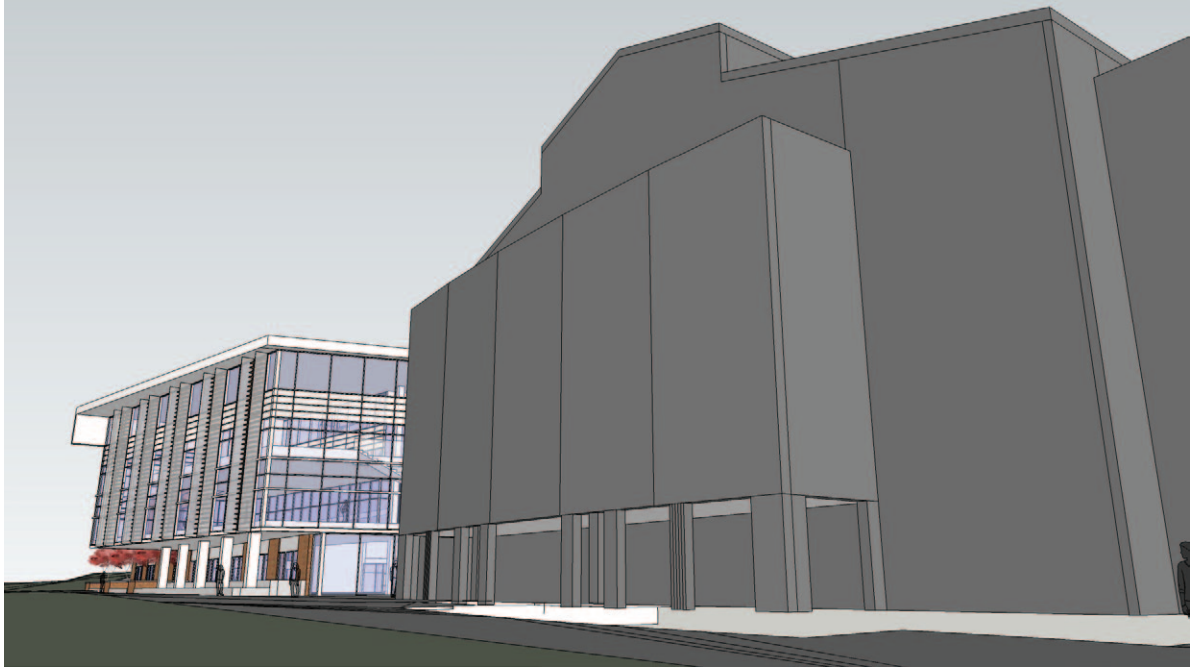
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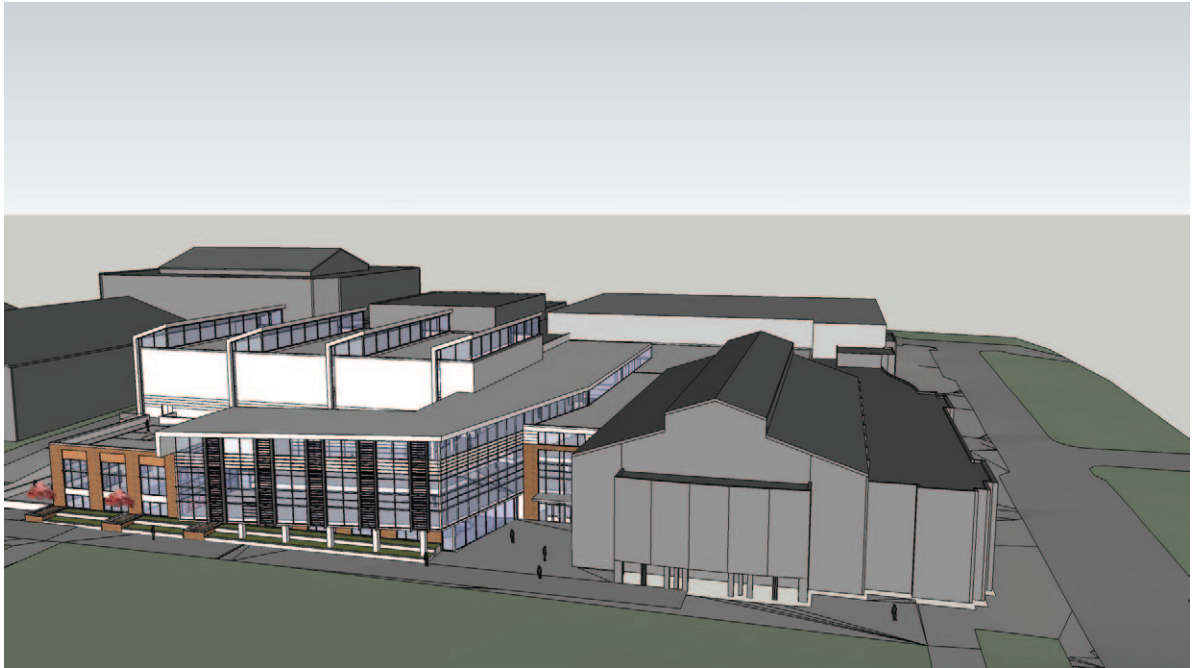
meeting 6b exhibits

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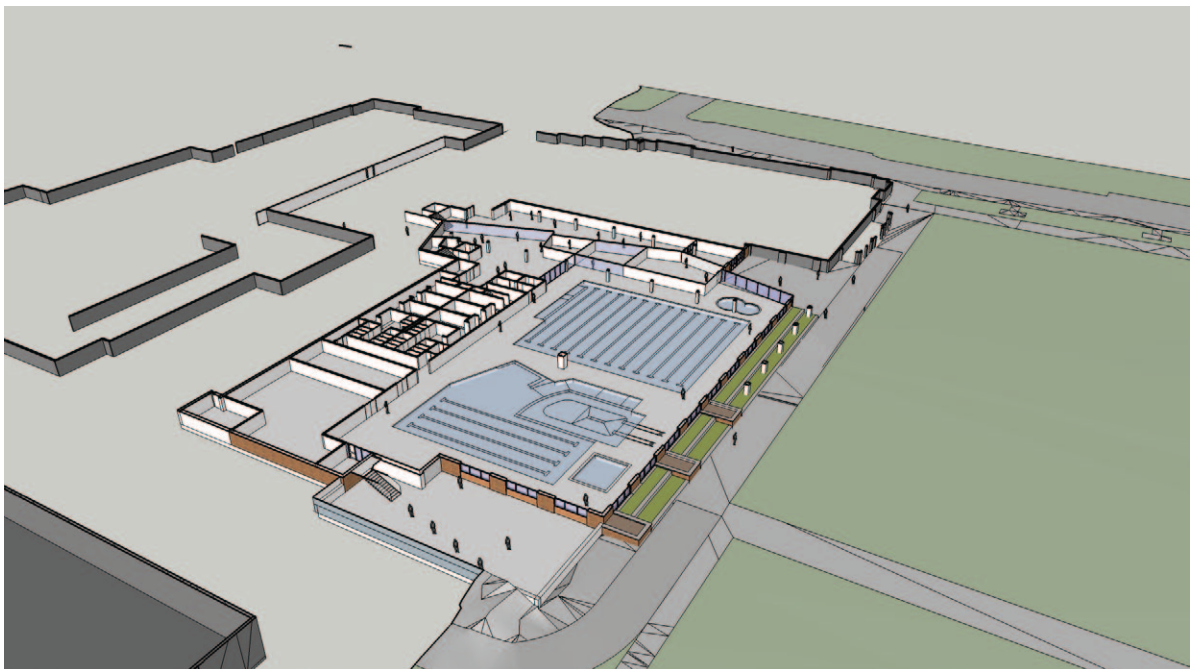
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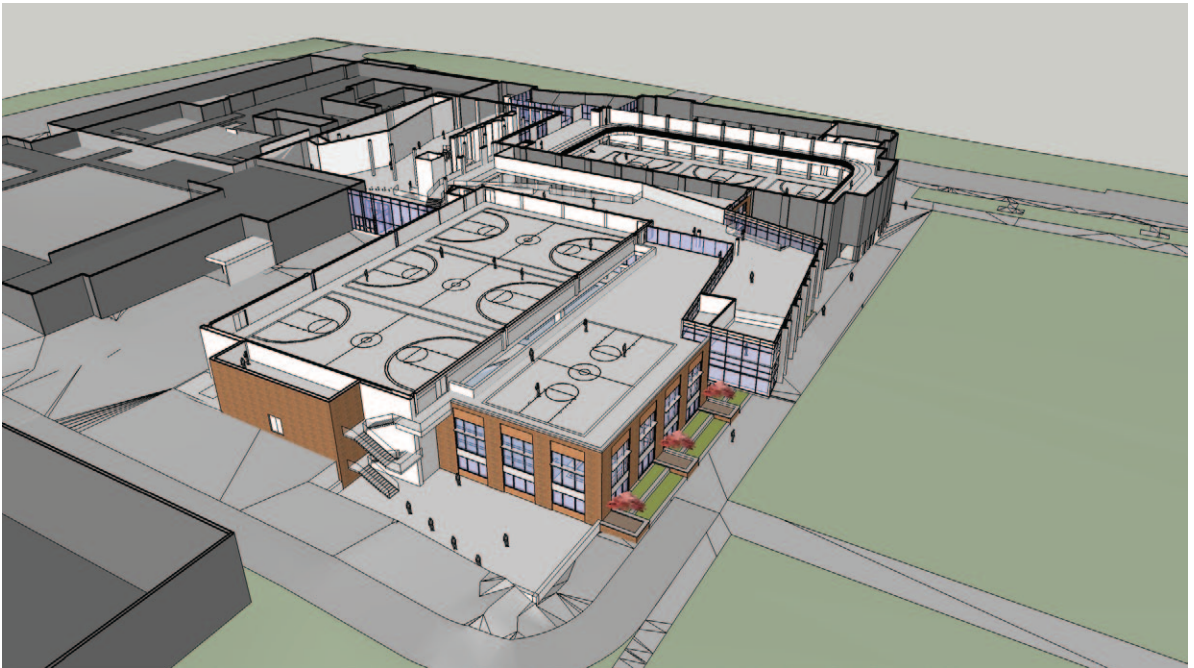
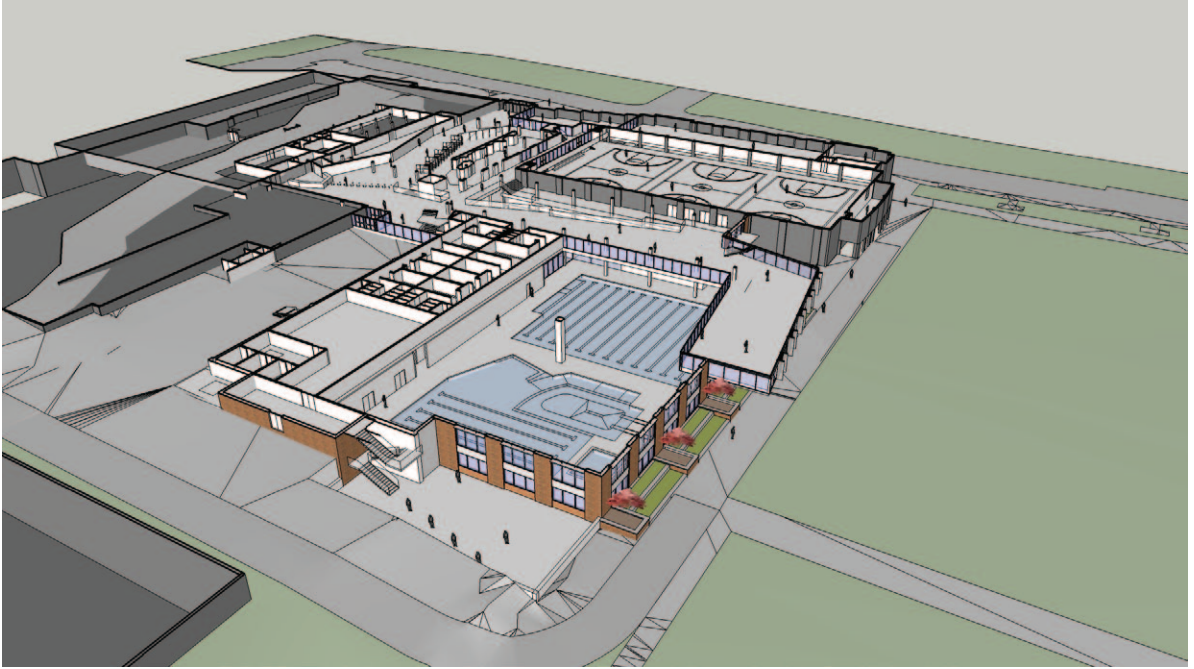
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CAMPUS PLANNING COMMITTEE

2/14/12

- VERIFY BIKE PARKING #S (1 or 1)
- LOOK AT OTHER LOCATIONS FOR INCREASED NUMBERS OF COVERED SPACES

- DESIGNATE ZONES OF PATH OF TRAVEL ON IE IT WILL WORK
 - SPEED BUMPS ON NON-BIKE ZONE
 - SAFETY OF PEDS

* 15th ST. ENHANCEMENT

- GREAT IDEA
- IMPROVE A GREATER EXTENT TO ADDRESS MORE (GREATER PERCENTAGE)
- BICYCLE TURNING FROM 15th ONTO PATH

* DESIREABLE TO IMPACT EXISTING FACADE W/ MORE BRICK

- CONCERN ABOUT RELEASED ENTRY MARK IT BETTER MORE DEFINED

- SE CORNER APPEARS WEAK, BETTER TERMINATE

- CONSIDER GREEN ROOF AREA FOR RAINWATER PRETREATMENT

* DON'T DILUTE THE ARCHITECTURE W/

* HUMAN SCALE

- * WHY TIP THE WALL? C.R.

DEDUCTIVE ALTERNATES

ANGLE ON CANTILEVER - DOESN'T WORK.

● ● ● Campus Planning Committee Presentation

February 16, 2012

University of Oregon Student Recreation Center Addition Creative Brief

Goals:

Unify the series of buildings that comprise the existing SRC
Dovetail into the existing character of the Student Recreation Facility and campus vernacular by creating strong relationships of the following:

- Post and Beam framed openings prevalent on campus in particular Esslinger and the SRC addition
- Prominent end facades of Gerlinger, Straub, Hayward Field Grandstands, and the SRC addition
- SRC addition rhythm of openings, texture, material, datum's, and detail

Follow the global campus character guidelines of the following:

- High Quality
- Human Scaled
- Carefully Detailed
- Building Meets the Sky
- Rhythm of Windows
- Secondary Entrance
- Operable Windows and Window Details
- Composition...Base, Body, Cap
- Details

Honest expression of building use and function.

- This building is an active, dynamic student Hub. Although much of the building responds to the immediate and global campus vernacular, special attention was given to the need for transparency to entice student use and portray its active nature. A prominent east face captivates this transparency and eastern view. This east face balances the prominent existing SRC gable end and expresses the interior circulation and movement from the free zone to the eastern view. Sensitive detail is given to the glass façade creating relationships of rhythm of openings, prominent datum's, materials, and sun control.

Patterns:

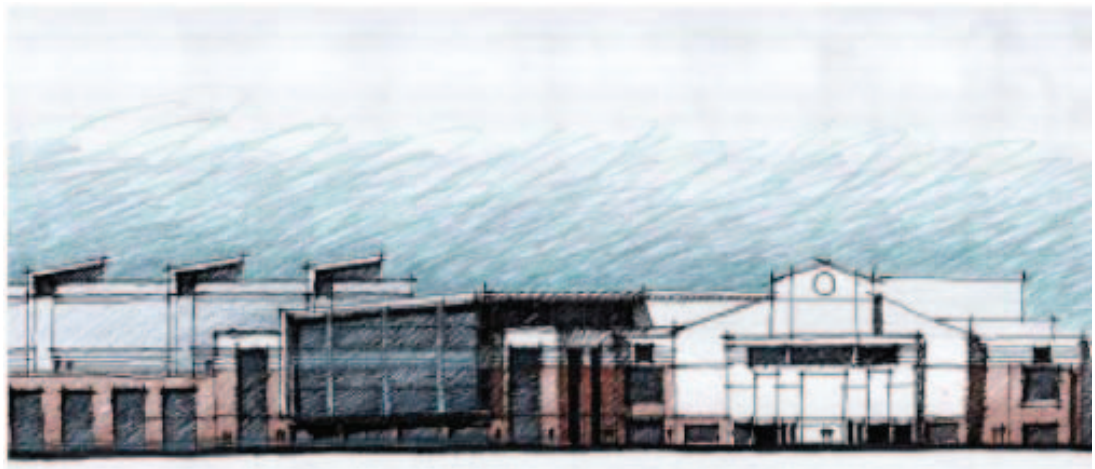
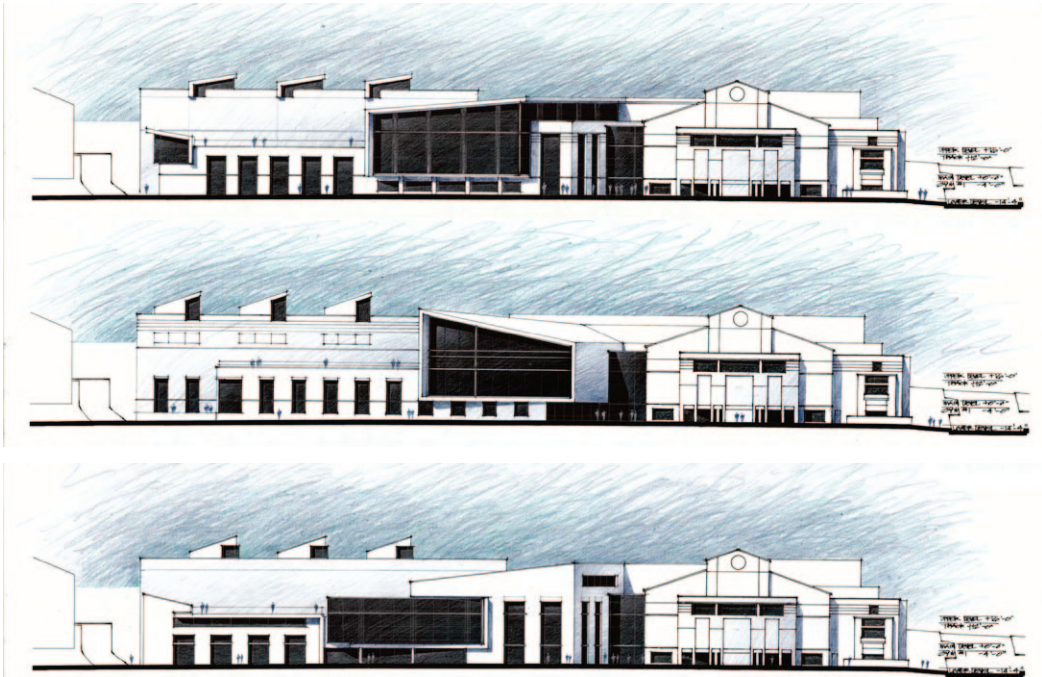
- Architectural Style (campus pattern)
- Dynamic Building (User group generated pattern)



campus planning committee meeting exhibits

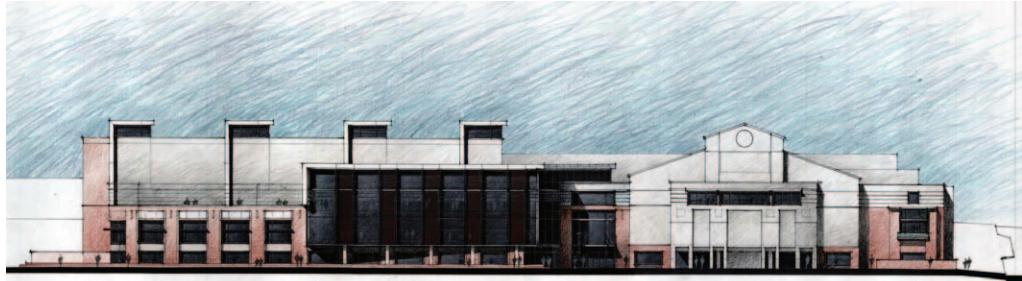
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East Elevation Options 1 - 3

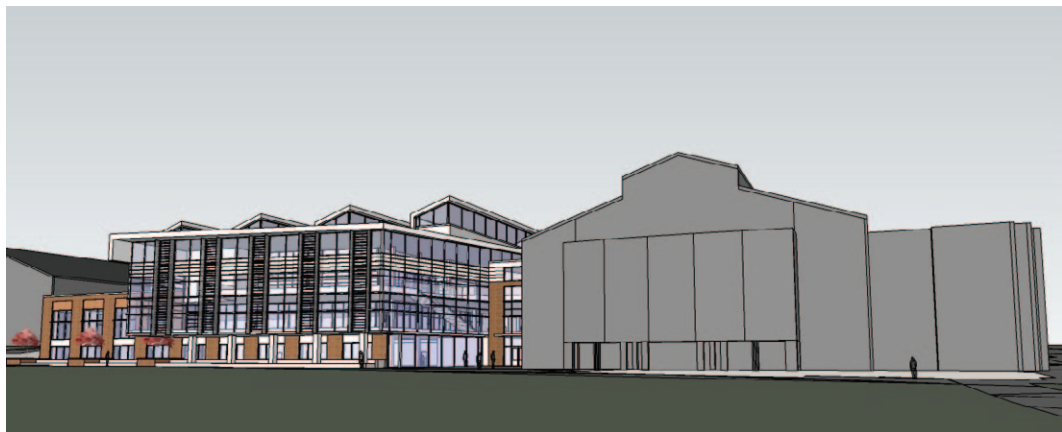


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3D Model



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CPC Discussion & Response

•Ensure that the project's exterior design does not result in a series of fragmented buildings, in particular in the context of the existing SRC facility, Esslinger Hall, and the EMU

RESPONSE: The proposed design **unifies** the multiple buildings and styles. It keys on important Esslinger details, while well balancing the massive east façade of the SRC proper. The massing and scale of the elements in the proposed design create this beneficial unification.

•Ensure that the east façade fits into the fabric of the campus's design and function. As designed, the proposed shape is not found on campus. Use the existing 15th Avenue façade as an example of how the design should connect to the broader campus and Esslinger Hall thru the use of materials, a main entry, façade definition, and roof shape.

RESPONSE: Understood. In this revised / proposed design you will see important new sensitivity to **materials, entries, façade definition and roof shape**. The 15th Avenue façade was used as a springboard for the east façade. The **roof shape** has been significantly modified, as requested – a flatter profile which is prominent on campus. The proposed shape is an **honest expression of student use and interior activities in the building** – you will see much movement inside. Precedence for this design can readily be found in campus buildings like the EMU "fishbowl" and Lillis atrium.

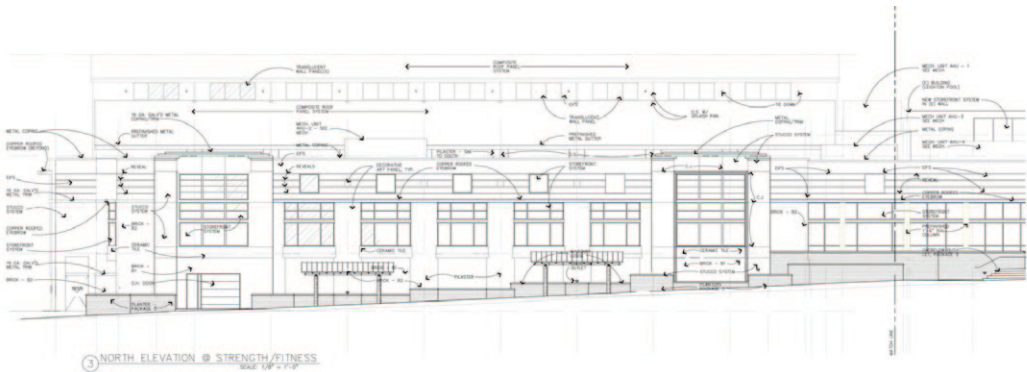


Context



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Context



Context



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Context



Gable End – UO Vernacular



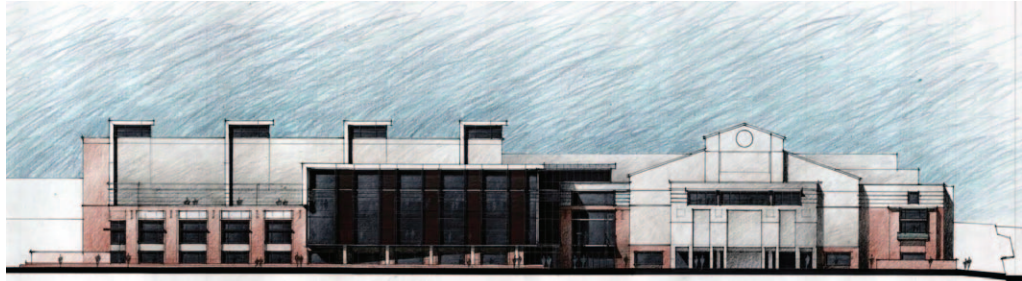
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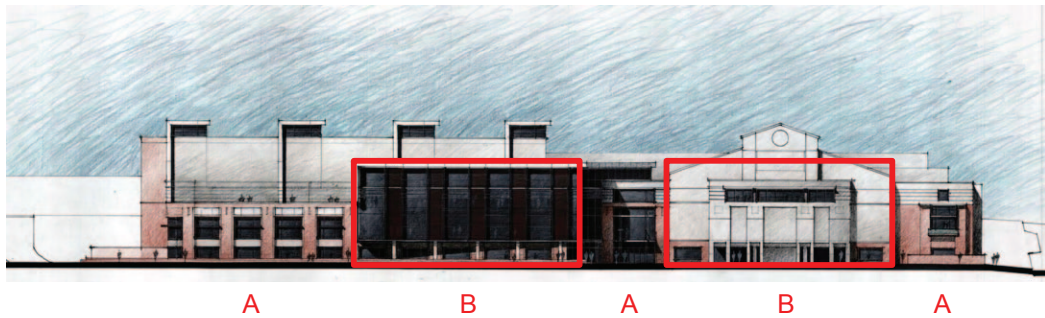
Proportion



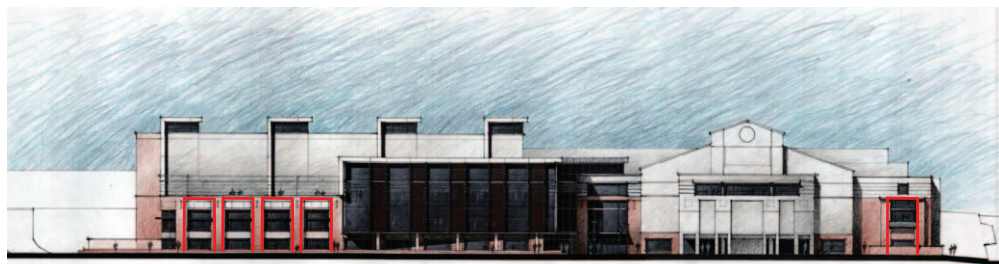
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Proportion



Rhythm



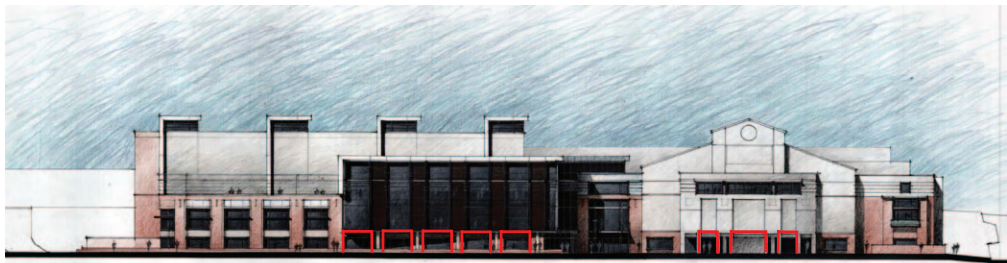
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Rhythm



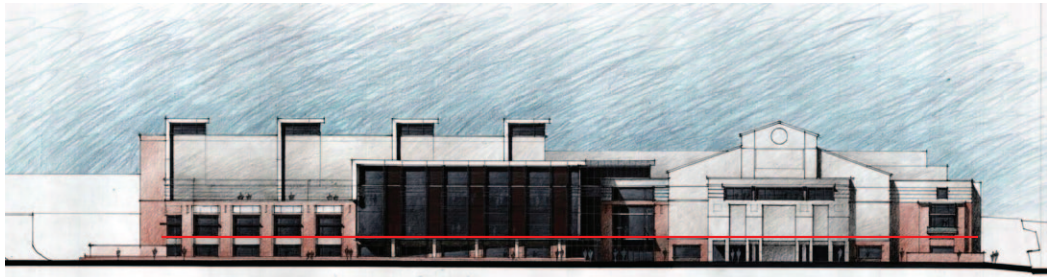
Arcade



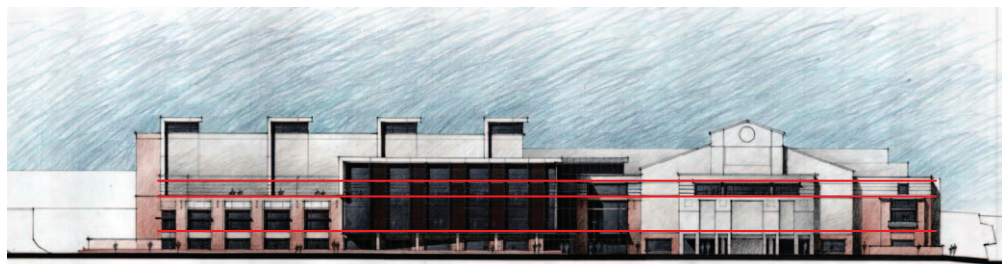
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Arcade - Base



Base - Body - Cap



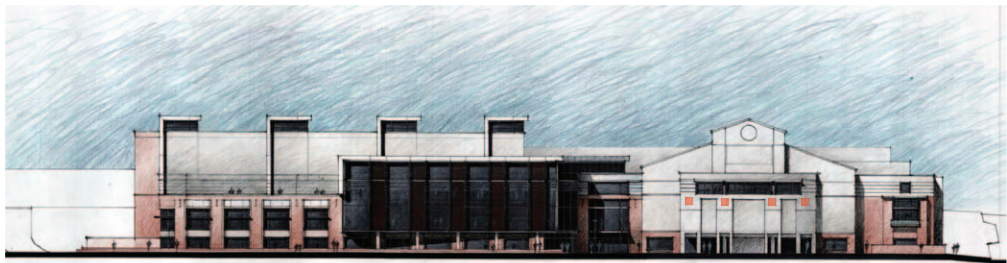
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Datum



Detail



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•Strongly consider integrating solar-heated water to take advantage of the roof space and south-facing orientation. Also, provide an educational element for the students in the building (similar to the existing display)

RESPONSE: Will do. The current design uses few **sloping roof forms** (it is better that way for the balance, scale and character of the elevations) so we will employ strategies to achieve solar-heated water on the large open flat roof areas – all in addition to the passive solar strategies for natural daylighting, solar orientation, etc. The solar-heated water systems can readily be used for educational / informational purposes along with similar information for the cistern, lighting systems, etc. – much of this still needs to be flushed out.



•Better define the east entry; the proposed deep recess is not adequate.

RESPONSE: Agreed. This entrance has been **widened** and improved to provide better visual access! The framed opening in the proposed design was incorporated to make strong relationships to the SRC and Esslinger while conveying an intuitive, welcoming entrance. Weather protection is afforded via overhead canopy.



campus planning committee meeting exhibits

University of Oregon, Student Recreation Center

•Reassess the design and function of the east façade's angled cantilever of the pathway. As designed, it does not seem to relate to the fabric of campus, and it only partially covers the proposed seating area. Recognize the range of important function the covered space serves and determine how best the address the key functions (consider moving bike parking out of this area).

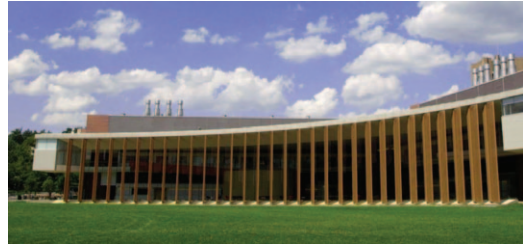
RESPONSE: The revised design has been crafted to reflect these concerns, while also clearly reflecting a primary goal of this project . . . **An honest expression of student-centered recreational use**, being something **clearly distinct from primary academic space**. The University has nicely **diverse palette** of materials, details, and shapes upholding the Campus Character guidelines of high quality, human scale, and careful detailing. There is an opportunity in this new addition to express the student nature of this facility (a campus life facility!), while maintaining all of its other important attributes. The cantilever edge engages the east playing fields, the bike path, and focuses on the **expansive view to the northeast**, bookended by the Hayward Field west grandstands. In this revised design the **seating area has been significantly expanded** – it works much better now.



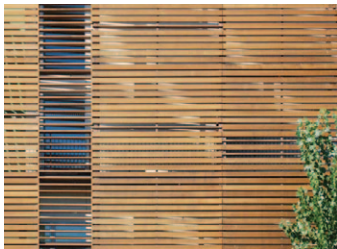
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Vertical Solar Control



Balancing Transparency/Opacity



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View



campus planning committee meeting exhibits

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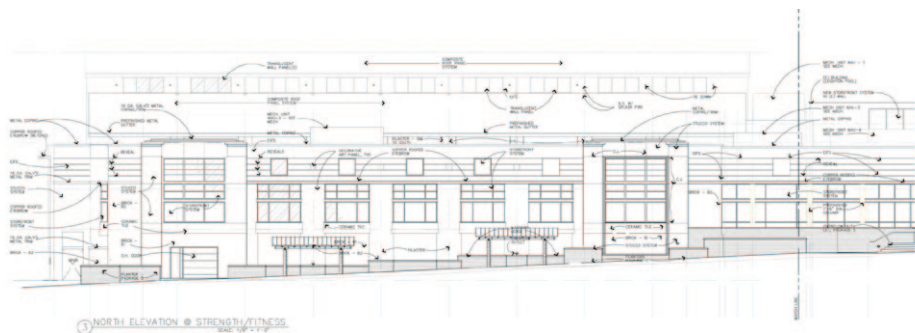
Material Survey



Material Survey

Material survey of existing

- Brick 1
- Brick 2
- Ceramic tile
- Standing seam copper roof and fascia
- Aluminum curtainwall, windows and doors
- EIFS stucco system



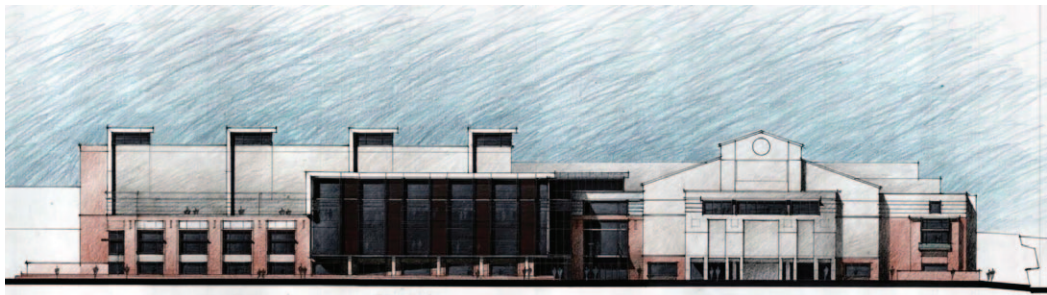
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Material Survey

New materials

- Glass frit patterns
- Metal panel system
- EIFS Stucco system not a 50 or 100 year exterior building material
- Copper fascia
- Aluminum and wood exterior screening



3D Model



campus planning committee meeting exhibits

University of Oregon, Student Recreation Center



Site Design

CPC Discussion Points

- Carefully define how best to provide bike access on the north/south pathway (consider bicyclists traveling on the path and bike parking).
- Maintain the focus on improving the north/south pathway
- Thoughtfully consider how to use open-space enhancement funds (refer to further discussion...)



86

● ● ●

87

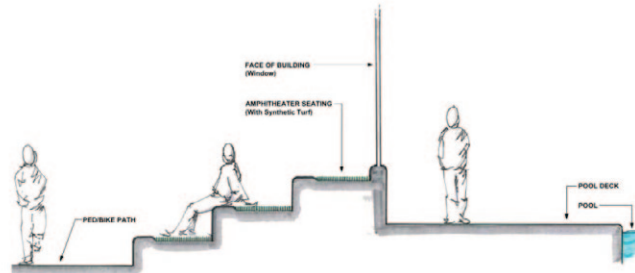
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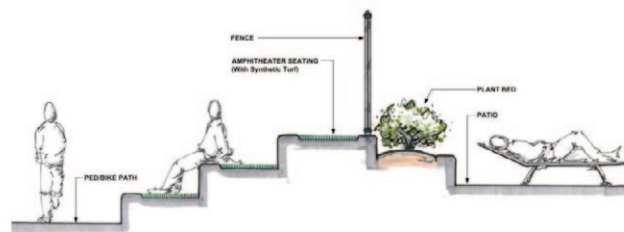
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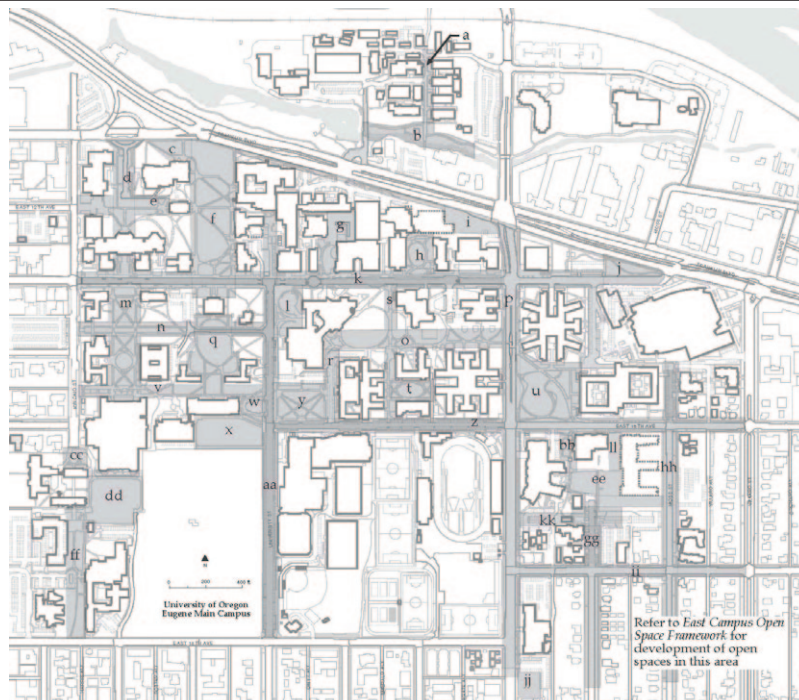
Site



A AMPHITHEATER SEATING SECTION AT BUILDING



Open Space Framework



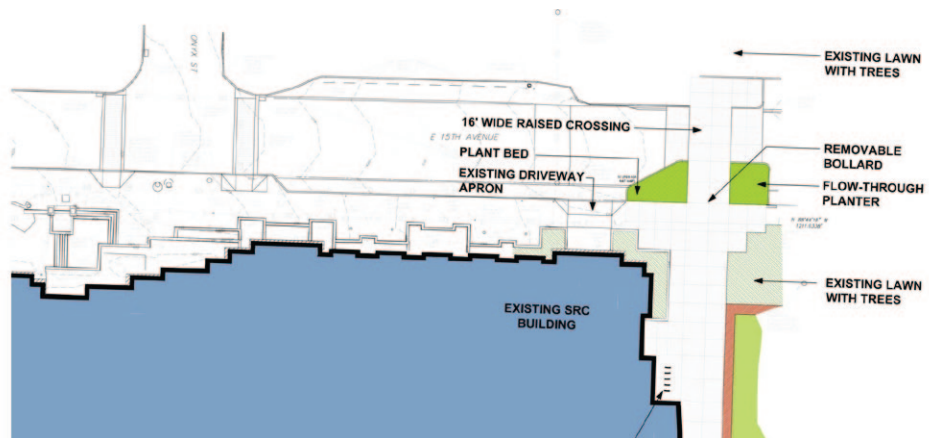
campus planning committee meeting exhibits

University of Oregon, Student Recreation Center

Open Space Framework



Site



campus planning committee meeting exhibits

University of Oregon, Student Recreation Center



Site





STAFF PRESENTATION

2.17.2012

1
OF 1

- NO SLATE FLOORS
- NEED CARDIO EQUIP
MAINTENANCE AREA - 3RD FLOOR?
- CONSIDER OUTDOOR B.B. INSTEAD
OF VOLLEYBALL @ SOUTH AREA.

