

**SD PHASE MEETING MINUTES****DATE** May 30, 2012**FROM** Michael Jacobs, AIA, CID, LEED AP
Principal Architect**TO** Rob Knarr, PE (for distribution to NKU)
Project Manager**SUBJECT** **Campus Recreation Center**
Northern Kentucky University
Highland Heights, KY**8a**

COMMENTS: The Project Steering Committee (PSC) meeting convened at 9:00am this date with NKU Project Steering Committee, Cannon Design, Omni Architects, BFMJ, CMTA, VLA and Counsilman-Hunsaker in Room SU108 of the Student Union. The first meeting was at 9:00am to review the final revision of the schematic design schemes and discuss the Schematic Design and what changes will need to be made moving forward with Design Development. The afternoon meeting was to review the same information with the NKU Project Executive Committee. Refer to sign-in sheets for those in attendance.

Final Schematic Design Review**9:00am – 12:00pm****SU 108**

Michael Jacobs began the meeting with a summary of the progress to date since the previous schematic design meeting. Michael introduced the revised Schematic Design floor plans that have been created.

- Michael discussed the structural modifications that will be required for the south end of the track and what demolition would be necessary to remove the existing exterior precast panels and to construct the proposed corridor under the existing track.
- The new locker room in the pool area will include spaces for approximately 124 Men's Lockers and 215 Women's lockers (these could be double lockers or combination tiers).
- The Family/Unisex changing areas were relocated to the west side of the pool area from the previous design.
- The pool layout has been flipped to allow the recreation side visible from the main corridor of the recreation center and the competition elements are located on the west side of the pool.
- A 6" deep "wet deck" is located between the diving and recreation pool area that could be utilized for seating or steps into either pool side.

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- Mary Paula asked Matt if the uni-sex changing/shower room layouts work. The restrooms and the showers are separated by a "public" corridor, should they be? Should there be separate "changing only" rooms to separate shower/toilet rooms from the changing rooms? Jeff stated that the layout of the rooms needs to consider "transgender" people using them. This is something that NKU will need to take in to consideration and respond to the design team.
- Mary Paula asked how users were to know that the family/uni-sex changing area was located where it is. Should there be signage? Can the entry door from the pool deck be aligned with the path of travel to make it more noticeable?
- Steve stated that the exit stairs from the west 2nd Floor fitness areas seem to close off the fitness areas from the open space created, track and the natural daylighting. Cannon responded that the block walls of the stair towers could be used to mount mirrors for the fitness areas.
- Don stated that intermediate stairs may need to be added due to the length of travel distance to southwest corner of track area
- Carol stated that the recreation center needed as much storage as possible especially in the MAC court. The existing gym storage is approximately 800sf and it is being shared by multiple departments. The current MAC storage is being shown as 400sf and several other storage areas are being shown throughout the building. The room summary in the project manual can be referenced for a comparison of new and existing storage.
- Mary Paula asked Matt if he thought the amount of seating in the main entry lobby is something that would be used. Matt stated that that he felt the seating was fine.
- John stated that the current floor plans do not have a stair connecting the Administrative Area to the new stair that goes from the entry lobby to the south side of the administration area on the 2nd floor as NKU had suggested in their notes. This will be shown in the next revision. Matt stated that he would prefer an optional access for staff to get to the administration area in addition to the Albright entry. Matt also stated that currently the plan shows that the staff at the south activity spaces have to walk through the fitness areas to get to the north administration area. Is there a way to create a circulation path that could make a more direct path to the administration area from the south activity rooms?
- John reviewed a design option for minimizing the height of the Albright entry stair "tower" by removing the top of it. This has not yet been estimated.
- John reviewed a design option that revised the main entry lobby vestibule that shifted the doors on an angle to make the doors more visible on the pedestrian approach to the new recreation center entry.

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Fred Bowling reviewed the site plans for the north entry plaza and the south plaza around the recreation center:

- The new handicap parking spaces will only remove one tree from the small lawn area outside of the Kinesiology department.
- Larry asked if the amount of concrete in front the Student Union could be reduced. Fred responded that yes, the concrete area could be reduced to minimize the cost.
- Mary Paula asked if the seat benches that are indicated in the north entry plaza along the walking paths could be incorporated into the landscaping so the bench is only visible on the walking path. The grading could be sloped up to the back of the benches with in the yard.
- It was noted that NKU would prefer to maintain the existing exterior power outlets for certain events and holidays in the north and south plazas
- Larry stated that the "rock beds" that Fred described below the over hang of the new 2nd floor of the recreation center at the main entry needed to be rethought due to maintenance concerns. These areas could contain the bike racks or a sculpture.
- Fred stated that the "sand" volleyball at the south plaza could be problematic long term that close to the building. Fred suggested using a hard surface or turf. NKU suggested that it could be sand to start with and if the sand became a problem then it could be changed at a later point.
- The exterior exercise area in the south plaza could be paved with a different type of surface rather than concrete that would be better suited for the activities taking place there.
- The existing batting cages will need to be relocated due to the proposed grading changes where the cages are currently located.

Michael reviewed the phasing plans:

- Matt asked if the line that is indicated in the existing gym for phase 1A was a temporary partition that extended from the gym floor to the roof. Mike responded that yes it is and it would take away one basketball court and may need to move to the north due to one of the HVAC units that conditions the gym will be taken down in phase 1A and there will only be one unit remaining to condition that whole gym. The wall may need to be moved to reduce the volume of air in the gym that the remaining unit will need to condition. This duration of phase 1A would be a minimum of 9 months to 1 year.
- NKU questioned how the recreation center is accessed when phase 2 begins. Michael responded that the entry would be from the south through the void between phases 1B and 1C. NKU could install temporary turnstiles for a controlled entry.
- NKU stated that there is a possibility of utilizing Regents Hall temporarily for the lost basketball court and fitness areas.
- The administration area could be phased in to other spaces within the new recreation center addition temporarily until phase 2 was completed.

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- It was stated that the existing pool could be phased by itself in order to not lose any revenue by missing a swim season. The phasing of the new HVAC for the MAC could be scheduled in order to keep the pool functioning temporarily until the new pool in phase 1B was completed.

Tracy Steward reviewed the mechanical and electrical phasing plans:

- A large velocity fan could be utilized for the exterior activity space at the south plaza.
- NKU stated that they will not have a hot yoga class.
- Aaron discussed lighting layouts, locations of occupancy sensors and DDC controls.
- Aaron discussed the electric supply to the building and the location of the services. NKU indicated that the units will need to be screened and possibly located where the existing storage shed is currently located.
- AV and IT discussions will remain "on-hold".

Michael and VLA reviewed the recreation field layout:

- NKU stated that the recreation field building office will not need air conditioning. A ceiling fan will be sufficient.
- Larry stated that there was a possible sanitary line connection at the adjacent housing next to the basketball court that the building could connect to instead of pumping the sanitary line up the hill to the picnic shelter.
- Larry stated that there was a possible issue with the overhead power line over the recreation field that Duke has brought up. NKU/CMTA will review and respond.

Michael and Peyman reviewed the structural layout:

- The structural steel weights have been minimized considerably
- All structural steel will need to be fireproofed. Michael stated that intumescent paint will be used on all structural steel.
- Peyman stated that the "chevron" structural steel along the perimeter of the new recreation center addition will be shop fabricated as much as possible to help minimize cost and to help with on site installation speed.
- Peyman stated that the roof deck may need to have a concrete topping on the roof deck to have the roof act as a structural diaphragm for the addition.
- Reed suggested utilizing an Epic acoustic deck to help minimize the use of intermediate bar joists between the trusses. Peyman stated that this could be done and the additional cost may be offset by not having to spray the additional bar joists with intumescent paint. Any free span area that exceeds 20'-0" clear will not require spray fire-proofing. Column locations need to be carefully placed in the pool area to accomplish this.

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End of Meeting

Meeting minutes have been prepared to establish a record of the meeting and information shared. If you have any questions, additions, comments, or corrections, please forward to Omni Architects for inclusion.

Attachments: Sign-in Sheet
Revised Schematic Design Floor Plans
3D Images of design scheme

cc: Michael Jacobs Omni Architects
Don Adams Omni Architects
Jay Copley Omni Architects
George Nikolajevich Cannon Design
Reed Voorhees Cannon Design
David Body Cannon Design
John McAlister Cannon Design
Steve Crocker Counsilman-Hunsaker
Tony Hans CMTA
Peyman Jahed BFMJ
Fred Bowling VLA
Mark Gillis The Sextant Group
Robert Pass RP+A
Correspondence File

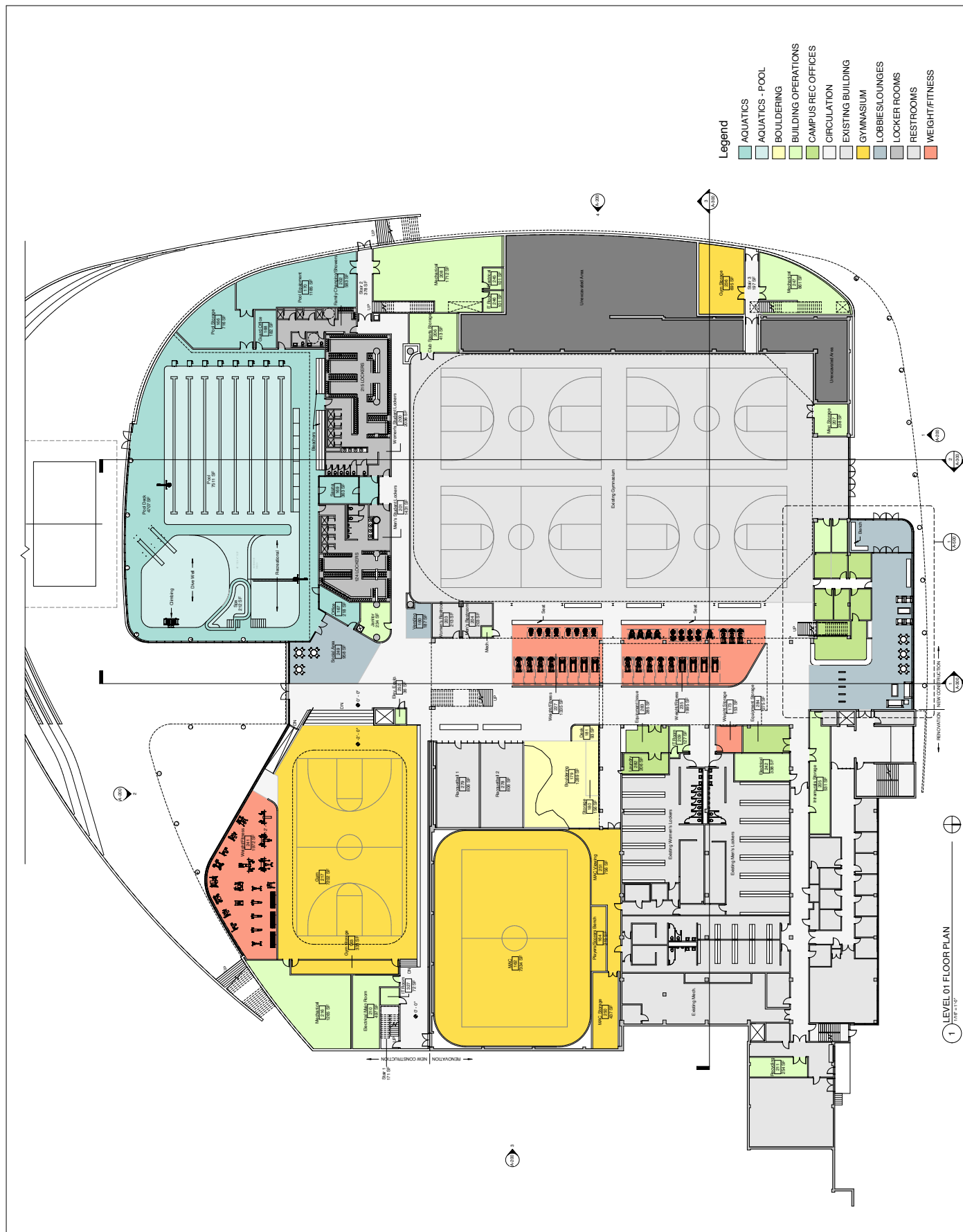
MWJ/mwj

Meeting Attendees

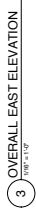
Omni ARCHITECTS **CANNON** DESIGN

Subject: Northern Kentucky University Campus Recreation Center
 Location: 5th 108 Date: 5/30/12 Time: 9:00 AM
 (Please Print)

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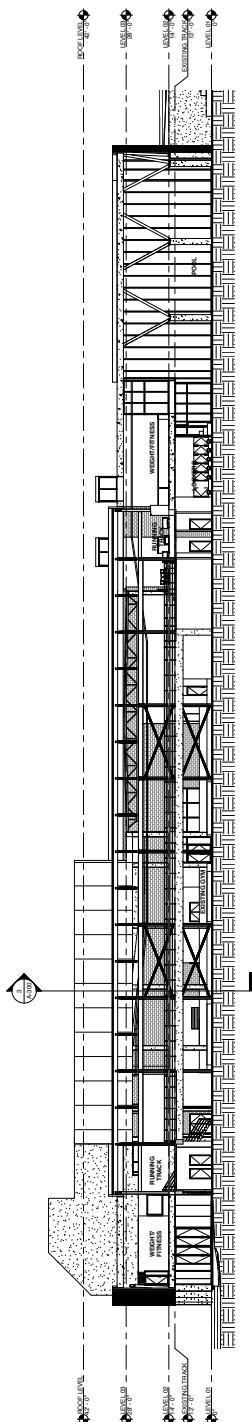


KEYED NOTES/ELEVATIONS	
Type	Description
1	GLAZING ANGLEZED ALUMINUM CURTAIN WALL
2	GLAZING ANGLEZED ALUMINUM CURTAIN WALL
3	SILICONE GLAZED HORIZONTALS
4	CAST-IN-PLACE CONCRETE WALL
5	GLAZING ANGLEZED ALUMINUM STORE FRONT
6	ASSEMBLY W/ INSULATED GLAZING, 4-WAY
7	GLAZING ANGLEZED ALUMINUM STORE FRONT
8	NOTE: 30% OF CURTAIN WALL GLAZING TO BE
9	MONOCHROMATIC FITTED ON A FACE OF GLAZING UNITS
10	NOTE: 30% OF CURTAIN WALL GLAZING TO BE
11	MONOCHROMATIC FITTED ON A FACE OF GLAZING
12	UNITS AS BUILT AND FACED AT FACE OF GLAZING
13	UNITS AS BUILT AND FACED AT FACE OF GLAZING
14	PANES, W/CLAR ANODIZED FINISH
15	GLAZING ANGLEZED ALUMINUM STORE FRONT
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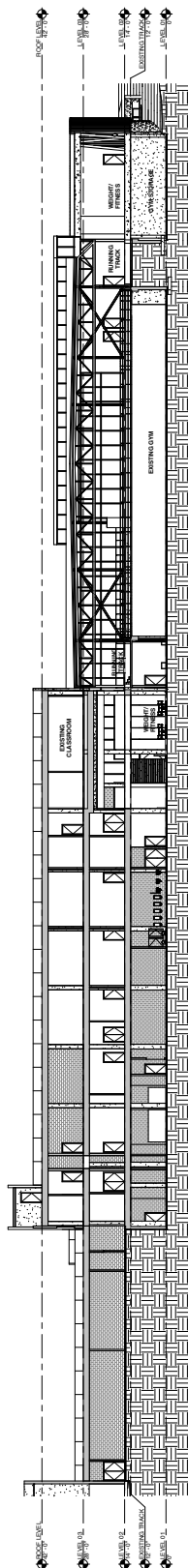


Architectural section drawing of the proposed building. The drawing shows a cross-section of the structure, including the roof, walls, and internal spaces. Key areas labeled include the 'READING AREA', 'SOCIAL AREA', and 'EXISTING CLASSROOM'. The drawing also shows the 'CONCRETE FRAME' and 'ROOF STRUCTURE'. The drawing is oriented vertically, with the top of the building at the top of the page.

1 NORTH/SOUTH BUILDING SECTION 1
1/10" = 1'-0"



2 NORTH/SOUTH BUILDING SECTION 2
1/10" = 1'-0"



3 EAST/WEST BUILDING SECTION 1
1/16" = 1'-0"

Drawn By:	Author	Checked By:	Checker
Date:	05/25/12		
Project Number:	003869.00		
NKU Project Number:			
Drawing Name:	ENLARGED PLANS & DETAILS		
Revision Date			



NORTHERN
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UNIVERSITY



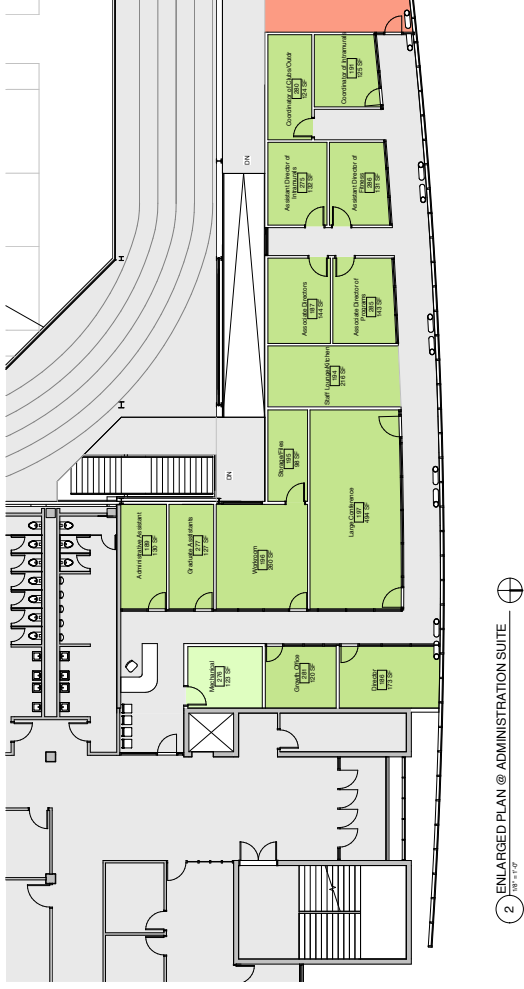
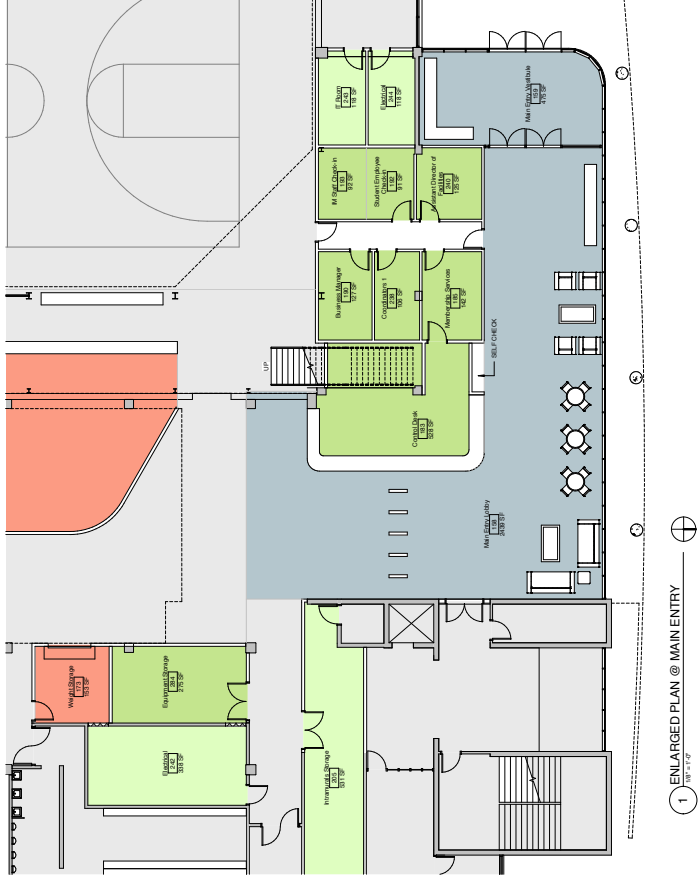
Omni
ARCHITECTS

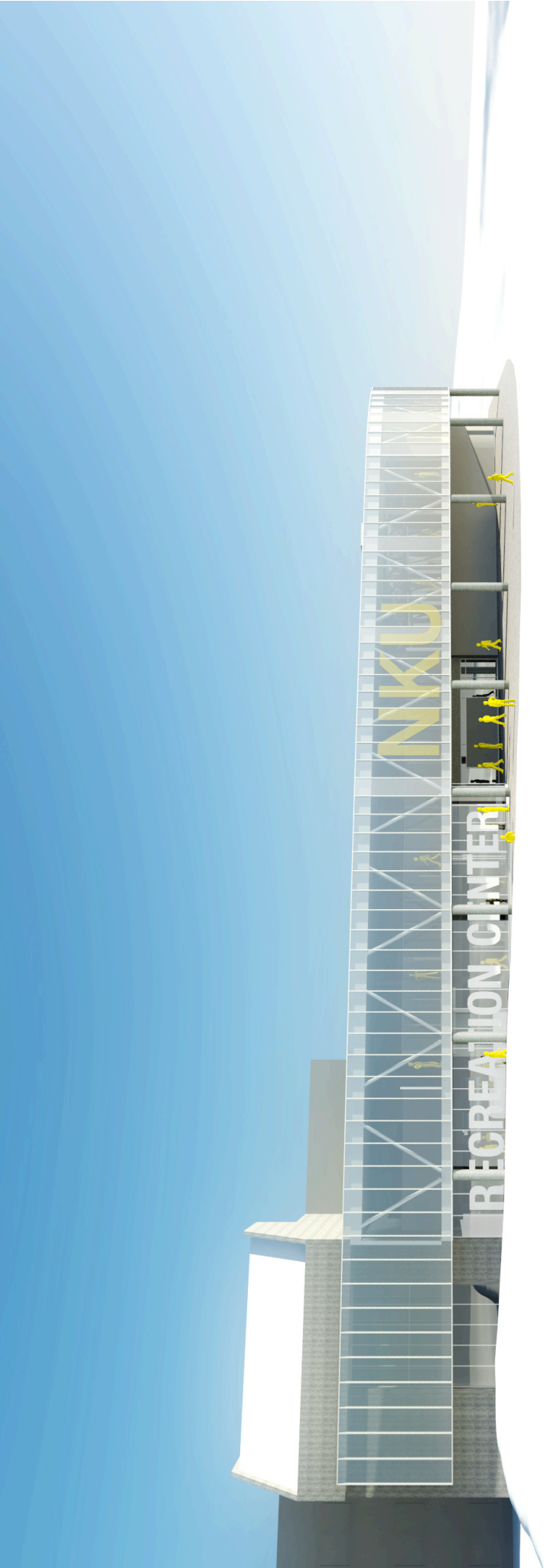
CANNONDESIGN

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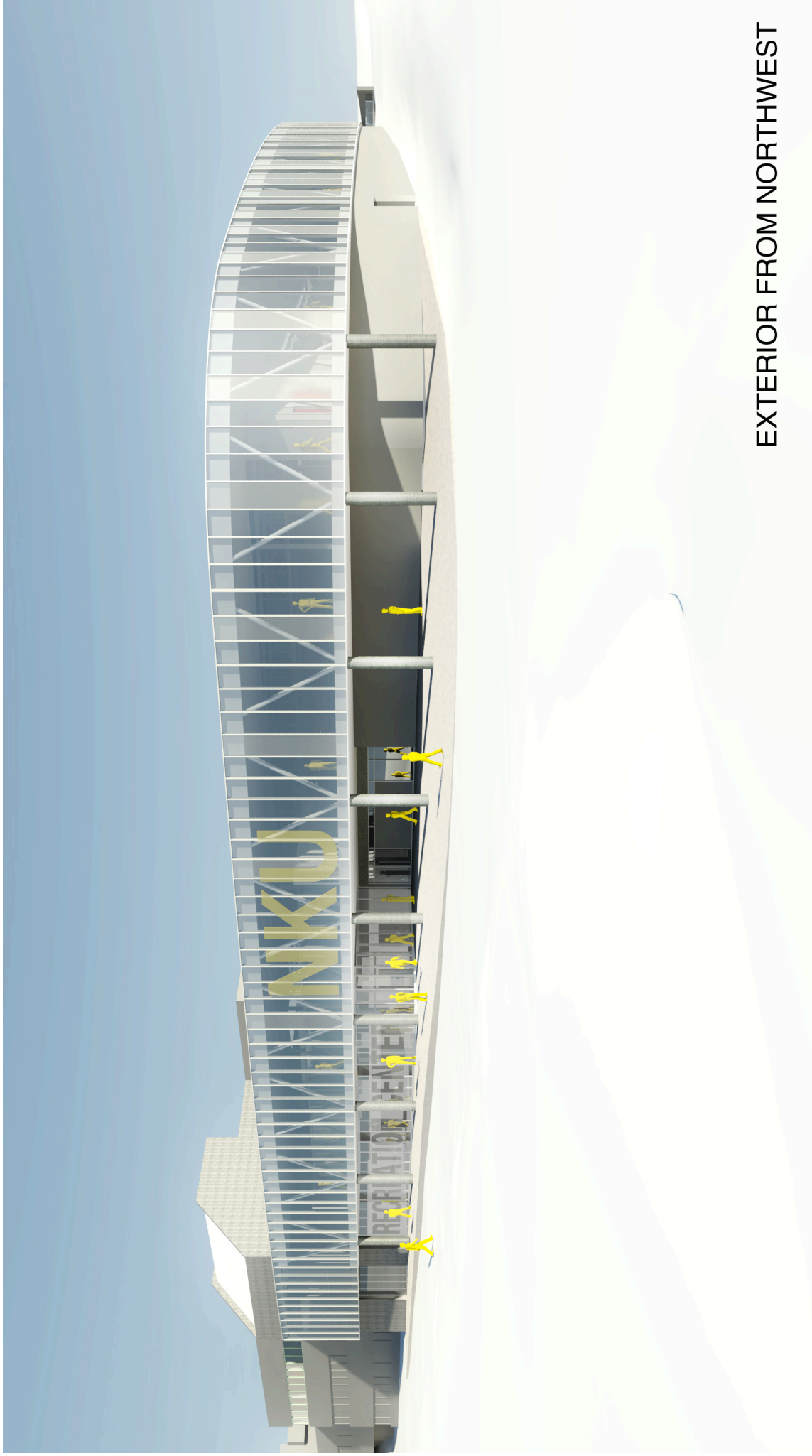
Northern Kentucky University - Student Recreation Center

- Legend
- BUILDING OPERATIONS
 - CAMPUS REC OFFICES
 - CIRCULATION
 - EXISTING BUILDING
 - LOBBIES/LOUNGES
 - WEIGHT/FITNESS

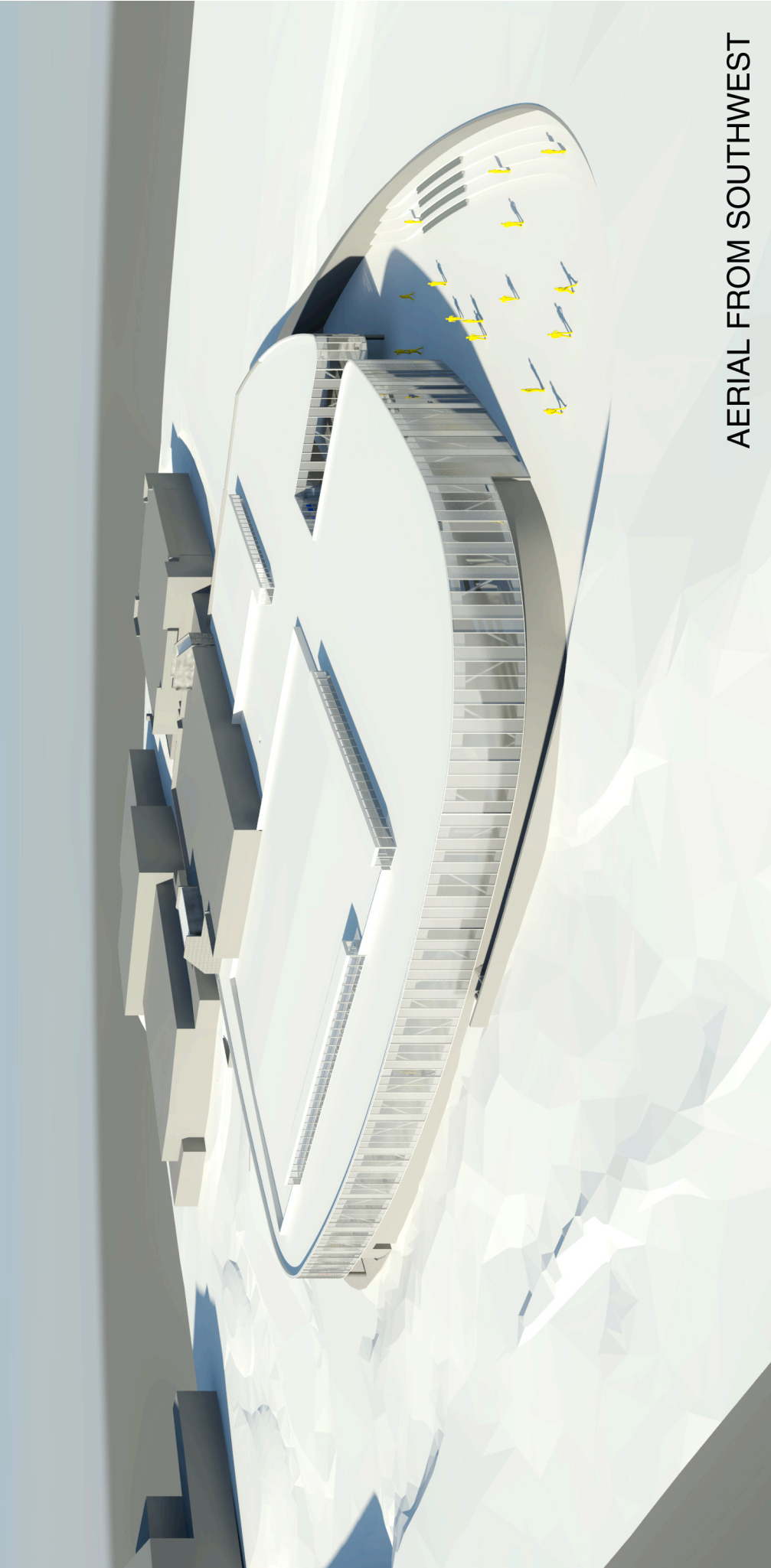




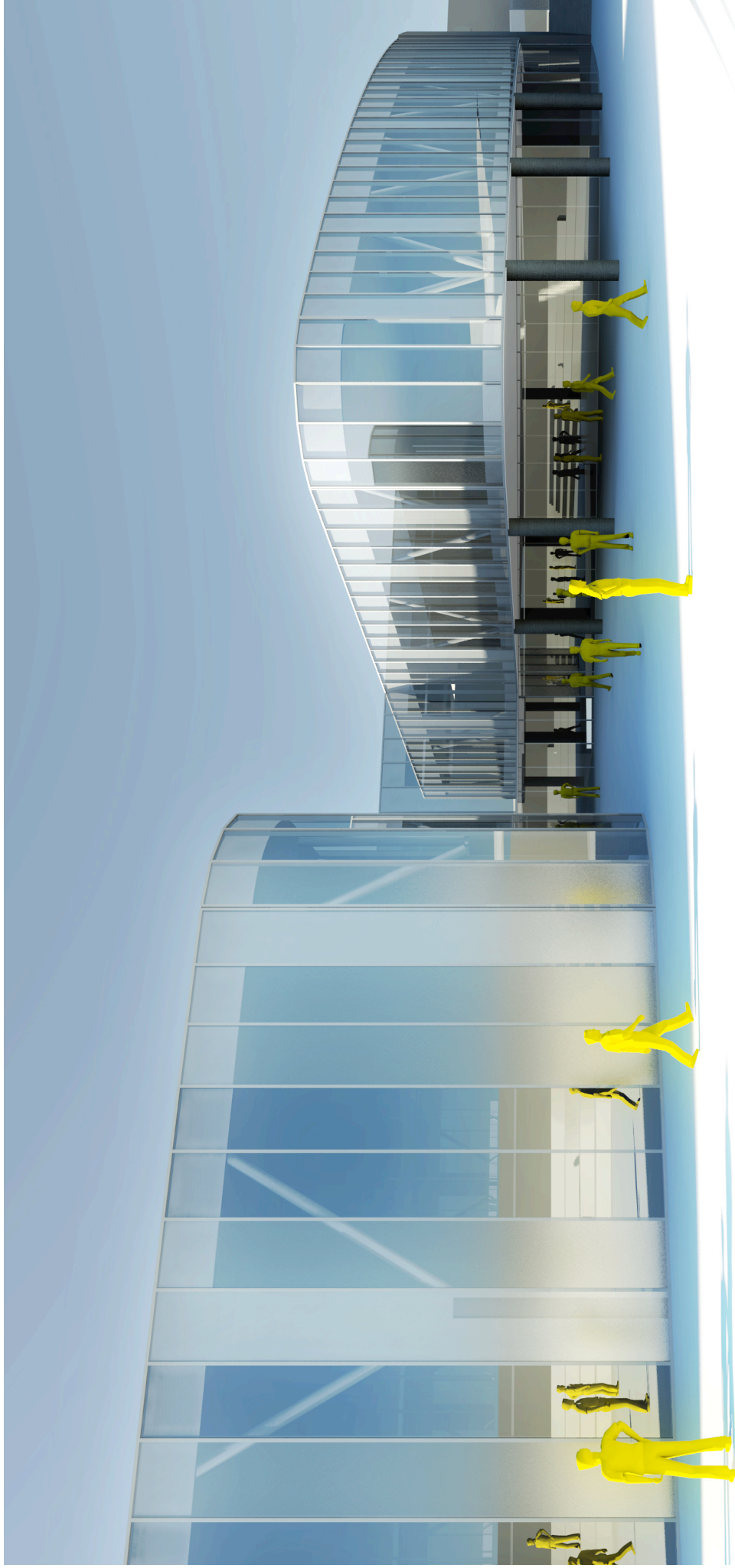
EXTERIOR FROM NORTH



EXTERIOR FROM NORTHWEST



AERIAL FROM SOUTHWEST



EXTERIOR COURTYARD FROM SOUTH



INTERIOR FITNESS SPACE