

**FOCUS GROUP MEETING MINUTES****DATE** March 15, 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

COMMENTS: The Project Executive Committee (PEC) meetings convened at 2:30pm this date with NKU Project Steering Committee, Cannon Design and Omni Architects in Room SU108 of the Student Union to discuss the Space Summary, the cost estimate and the information gathered from the meeting with the students at the recreation center the evening before.

Project Steering Committee Meeting 2:30pm – 5:00pm

SU 108

Mike Jacobs began meeting with the summary of the progress to date, the future schedule and the 2 program options (A & B) that the design team has developed since the previous meeting:

- The 2 options focus on variations of 3 primary elements
 - The renovation of the existing pool
 - The size of the new recreation pool
 - The size of the additional Gymnasium/MAC courts
- Option A.2: The pool renovation (8,800sf), New Recreation Pool (8,000sf) and new MAC/Gym (13,200sf)
- Option B.2: Renovate the existing pool to a MAC (8,800sf), New Recreation Pool (Large +/- 11,500sf), New Basketball Court (+/- 8,900sf)

Cannon and Omni reviewed the Program Element Boards with the students from 5-7pm the night before, receiving feedback by the students writing comments on the boards with markers and reviewing the individual program elements with the students. The design team and NKU repeated the same process between 11am-1pm today outside of the food court in the Student Union to get student and faculty feedback on the program elements identified on the presentation boards. The boards were displayed at the front of the room for the Steering Committee to review.

4b

**FOCUS GROUP MEETING MINUTES**

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A Steering Committee member asked, if option B was chosen, would the proposed new pool configuration allow current high school practice schedules to continue?

- Matt responded that the proposed configuration would work fine
- Jeff responded that the revenue generated by letting outside organizations use the NKU pool is a necessity for the new facility
- Larry stated that the new recreation pool will need to meet NCAA competition requirements and have 1 meter diving
- Consider a viewing area
- Pool should not have a vortex pool
- Pool should have a spa
- Pool to have a recreation area for volleyball/bb
- Include ramp & 2nd ADA lift
- Pool should include a climbing wall

A Steering Committee member asked if the renovated pool area in option B was just one court or 2 courts?

- Reed responded that the proposed renovation of the existing pool area would be approximately a court and a half in size

Consensus from the Project Steering Committee is that Option B is the direction that Schematic Design should proceed in investigating

At 4:00 pm the Project Executive Committee authorized the design team to begin the Schematic Design Phase

The meeting adjourned at approximately 4:00 pm

Meeting minutes have been prepared to establish a record of the meeting and information shared. The information presented herein shall in no way supersede or modify the Contract Documents. Should you have any questions, comments or corrections, please forward to Omni Architects within three days.

**FOCUS GROUP MEETING MINUTES**

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Attachments: Sign-in Sheet

Images of physical model studies

Space Program Cost Estimate

Recreation Field Option #1 with Estimate

cc:	Larry Blake	NKU
	Steve Nienaber	NKU
	Mary Paula Schuh	NKU
	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
	Vivian Llambi	VLA
	Mark Gillis	The Sextant Group
	Robert Pass	RP+A
	Correspondence File	

MWJ/mwj

Meeting Attendees



CANNON DESIGN

Subject: Northern Kentucky University Campus Recreation Center

Location:

50108

Date:

3/15/12

Time:

2:30

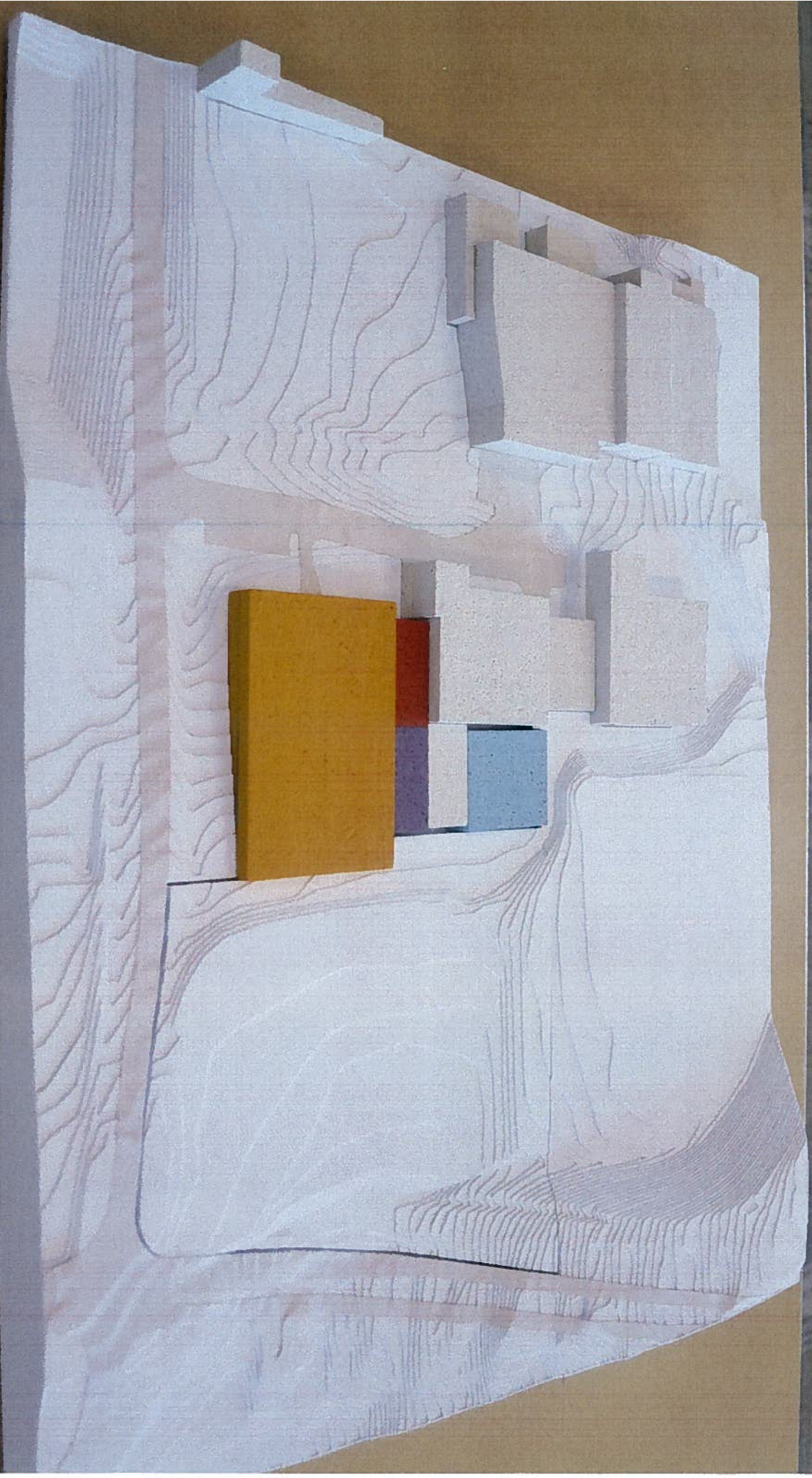
NAME

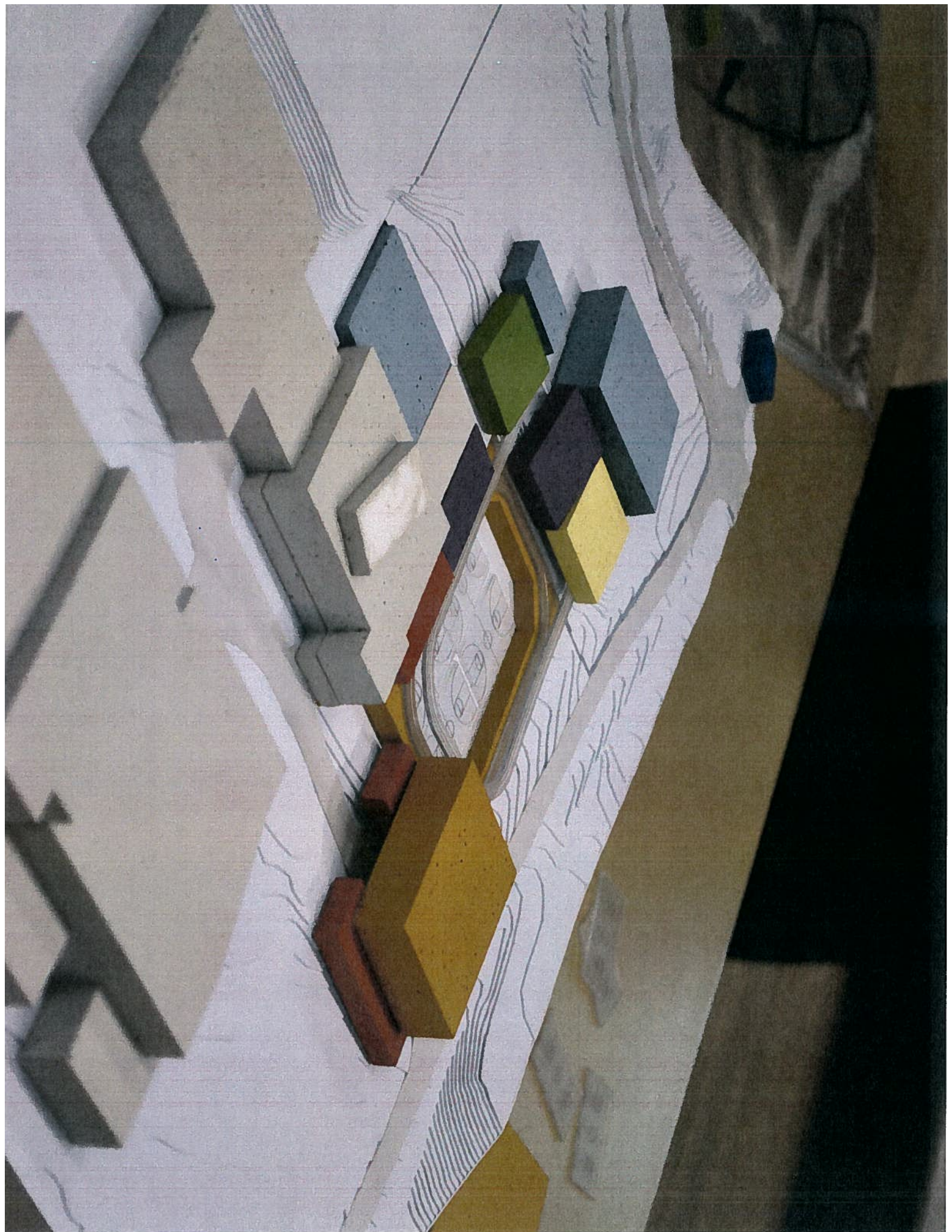
REPRESENTING / ROLE

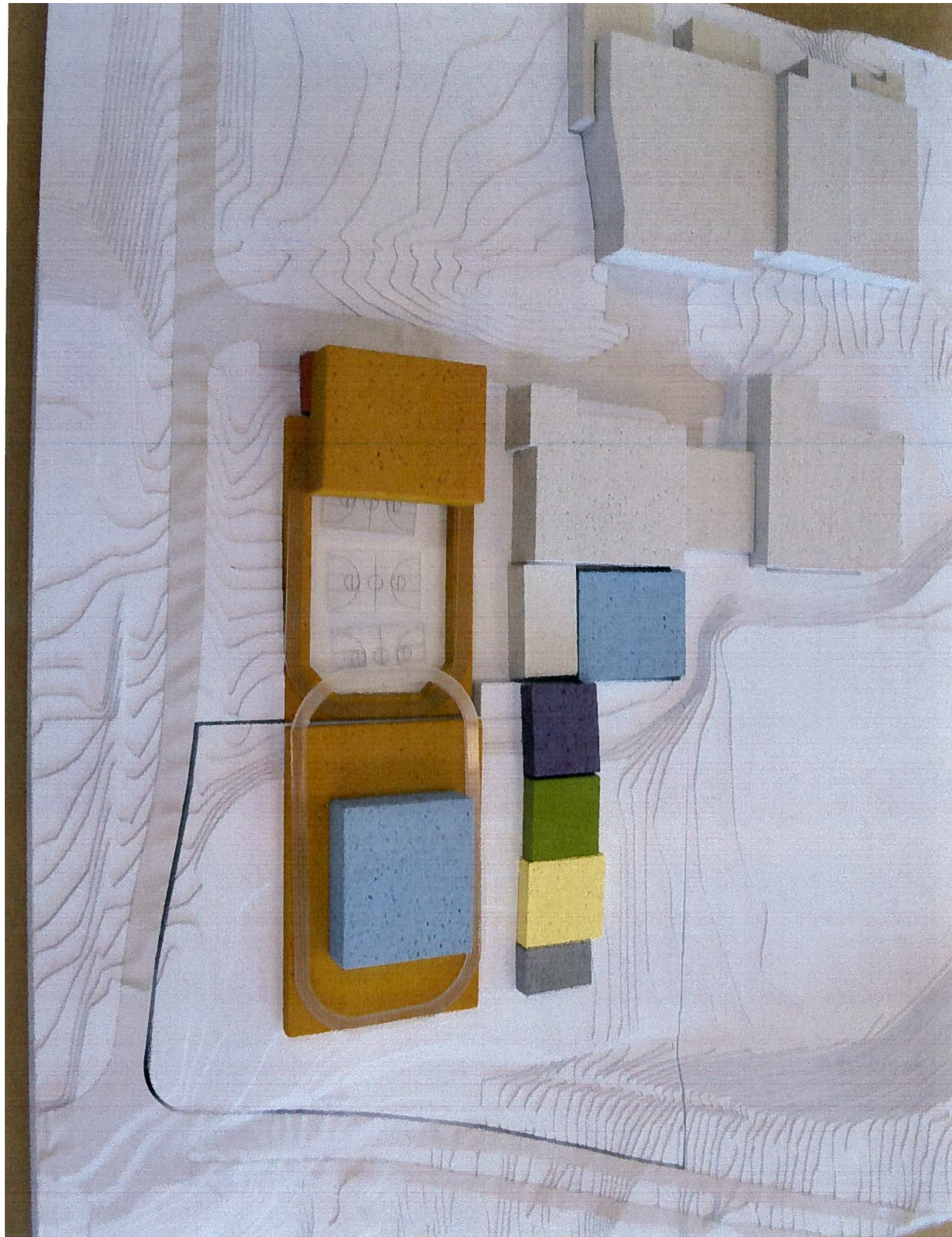
TELEPHONE

EMAIL

NAME	REPRESENTING / ROLE	TELEPHONE	EMAIL
Michael Jacobs	Omni Architects	859 252 6664	omniarchitects.com
Carol Ryan	Kinesiology Health Dept	X 5152	ryan.c@nku.edu
Jeff Baker	Operations & Maintenance	X 6522	bakerj@nku.edu
Paul Adams	Omni		padams@omniarchitects.com
Jim Conest	Omni		stewart@omniarchitects.com
Bill Wood	Campus Rec	X 5748	woodj10@nku.edu
Rob Knapp	NKU	859-572-1989	rob.knapp@nku.edu
Mark Haddatt	NKU		haddattmz@nku.edu
James Hays	NKU	X 5147	haysj@nku.edu
Sarah Aikman	NKU	X 1940	aikmans@nku.edu
Mark Brown Smith	NKU		
Larry Baker	NKU		
Ken Ramsey	NKU		
Loreate Nikanishvili	Cannon		
Tom Mautner	Cannon		
Paul Boyd	Cannon		
Ken Workman	Cannon		







Space Program Model - Comparison Summary

March 15, 2012

3/14/2012 - Option A.2				3/14/2012 - Option B.2				3/14/2012 - Option C.3				Remarks
Program Elements	Total Program Area	Ren Area	New Const.	Total Program Area	Ren Area	New Const.	Total Program Area	Ren Area	New Const.			
Common Areas (Free Zone)												
Lobbies / Lounges												
Main Entry Vestibule	220		220	220		220	220		220			
Main Entry Lobby	1,500		1,500	1,500		1,500	1,500		1,500			
Social Lounge / TVs	720	220	500	720	220	500	720	220	500			
Juice / Vending	100		100	100		100	100		100			
Common Areas Subtotal	2,540	220	2,320	2,540	220	2,320	2,540	220	2,320			
Common Areas Subtotal	2,540	220	2,320	2,540	220	2,320	2,540	220	2,320			
Activity Zone												
Gymnasiums												
Existing Gym (3 - 84' Courts)	22,790	22,790		22,790	22,790		22,790	22,790				
Existing Gym Storage	792	792		792	792		792	792				
New Gymnasium / MAC (2 - 84' Courts)	13,312		13,312	8,928		8,928	13,312		13,312	104' X 128'		
Gymnasium / MAC Storage	650		650	350		350	550		550			
New MAC (1 court)	0			8,320		8,320	0					
New MAC Storage	0			250		250	0					
Player / Scooters Bench	250		250	500		250	250		250			
Elevated Jogging Track	7,404	7,404		7,404	7,404		7,404	7,404		Area of existing track		
Stretching Area	350	350		500	500		350	350				
Gymnasium Subtotal	45,548	31,336	14,212	49,834	40,306	9,528	45,448	31,336	14,112			
Indoor Aquatics												
Existing Indoor Pool	8,824	8,824		0	0		8,824	8,824				
Existing Pool Tank / Equipment Renovation	-	4,564		-	550		-	4,564		Area NIC in Building SF. For pricing only		
Existing Pool Storage	550	550		550			550			375 SF + 175 SF		
New Indoor Leisure Pool	8,000		8,000	11,500		11,500	7,200		7,200	Connected to existing natatorium		
New Pool Storage	600		600	700		700	500		500			
Aquatics Manager Office	150		150	150		150	150		150			
Guard Office	330	150	180	330	150	180	330	150	180			
Sauna	250		250	300		300	250		250			
Pump / Filter Room (Pool Equipment)	1,000		1,000	1,200		1,200	1,000		1,000			
Indoor Aquatics Subtotal	19,704	9,524	10,180	14,730	700	14,030	18,804	9,524	9,280			
Activity Zone Total (ASF)	65,252	40,860	24,392	64,564	41,006	23,558	64,252	40,860	23,392			
Specialized Activity Zone												
Weight - Fitness (Cardio; Circuit Training; Free Weights)												
Weight - Fitness Equipment Area	15,000	5,480	9,520	15,000	5,480	9,520	15,000	5,480	9,520			
Stretching Area	400		400	400		400	400		400			
Storage	150		150	150		150	150		150			
Weight - Fitness Subtotal	15,550	5,480	10,070	15,550	5,480	10,070	15,550	5,480	10,070			

Space Program Model - Comparison Summary

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Northern Kentucky University Campus Recreation Center Expansion

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Program Elements	3/14/2012 - Option A.2			3/14/2012 - Option B.2			3/14/2012 - Option C.3			Remarks
	Total Program Area	Ren Area	New Constr	Total Program Area	Ren Area	New Constr	Total Program Area	Ren Area	New Constr	
Group Exercise Rooms (Multipurpose Rooms)										
Large Studio	3,126	3,126		3,126	3,126		3,126	3,126		
Large Studio Storage	500	500		500	500		500	500		200 SF included for Kinesiology
Medium Studio	2,400		2,400	2,400		2,400	2,400		2,400	
Medium Studios Storage	250		250	250		250	250		250	
Spinning Studio - Medium Studio	1,200		1,200	1,200		1,200	1,200		1,200	
Spinning Studio - Storage	150		150	150		150	150		150	
General stretching areas	400		400	400		400	400		400	
Group Exercise Subtotal	8,026	3,626	4,400	8,026	3,626	4,400	8,026	3,626	4,400	
Racquetball Courts										
Racquetball Courts (2 Courts)	1,600	1,600		1,600	1,600		1,600	1,600		
Racquetball Subtotal	1,600	1,600		1,600	1,600		1,600	1,600		
Bouldering Wall Area										
Bouldering Wall Area (12' H max)	1,000		1,000	1,000		1,000	1,000		1,000	
Storage Area	150		150	150		150	150		150	
Desk	150		150	150		150	150		150	
Viewing / Lounge	250		250	250		250	250		250	
Bouldering Wall Subtotal	1,550	0	1,550	1,550	0	1,550	1,550	0	1,550	
Specialized Activity Zone Subtotal	26,726	10,706	16,020	26,726	10,706	16,020	26,726	10,706	16,020	
Department / Administrative Zone										
Campus Recreation Office Suite										
Admission Counter (Control Desk)	300		300	300		300	300		300	
Reception Area	225		225	225		225	225		225	
Membership Services Coord/service window	250		250	250		250	250		250	
Director	175		175	175		175	175		175	
Asso Directors	300		300	300		300	300		300	
Asst Directors	560		560	560		560	560		560	
Admin Asst	125		125	125		125	125		125	
Business Manager	125		125	125		125	125		125	
Coordinators	250		250	250		250	250		250	
Graduate Assistants	400	400	0	400	400	0	400	400	0	
Student Employee Check-in	100		100	100		100	100		100	
Intramurals Staff Check-in/personal storage	100		100	100		100	100		100	
Staff Lounge/Kitchen	210		210	210		210	210		210	
Storage/Files	140		140	140		140	140		140	
Workroom	250		250	250		250	250		250	
Large Conference Room	500		500	500		500	500		500	
Personal Trainer Assessment Rooms (2 rooms)	300		300	300		300	300		300	
Administration Subtotal	4,310	400	3,910	4,310	400	3,910	4,310	400	3,910	2 rooms, 1 - 6x10 consult + 8 m w treadmills

Space Program Model - Comparison Summary

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Northern Kentucky University

Campus Recreation Center Expansion

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3/14/2012 - Option A.2				3/14/2012 - Option B.2				3/14/2012 - Option C.3				Remarks
Program Elements	Total Program Area	Ren Area	New Constr	Total Program Area	Ren Area	New Constr	Total Program Area	Ren Area	New Constr			
Kinesiology												
Chair	162	162		162	162		162	162				
Academic Asst	125	125		125	125		125	125				
Reception Area	221	221		221	221		221	221				
Full-time Faculty	876	876		876	876		876	876				
Part-time Faculty	0	0		0	0		0	0				
Storage/Files/Workroom	0	0		0	0		0	0				
Kitchenette/Lounge	240	240		240	240		240	240				
Athletic Training Lab	1,200		1,200	1,200		1,200	1,200		1,200			
Exercise Science Lab	1,075	1,075		1,075	1,075		1,075	1,075				
Small-Computer Lab	0			0			0				Currently 151 Combined PC Lab 112A with Exer Science Lab +101 SF Moved area to Exer Science Lab - 101 SF	
Kinesiology Office Subtotal	3,899	2,699	1,200	3,899	2,699	1,200	3,899	2,699	1,200			
Department / Administrative Subtotal	8,209	3,099	5,110	8,209	3,099	5,110	8,209	3,099	5,110			
Campus Recreation Support Spaces												
Locker Rooms												
Women's Locker Room												
Student Locker Room	4,473	2,213	2,260	4,473	2,213	2,260	4,473	2,213	2,260			
Faculty / Staff Locker Room	876	876		876	876		876	876				
Men's Locker Room												
Student Locker Room	4,263	2,563	1,700	4,263	2,563	1,700	4,263	2,563	1,700			
Faculty / Staff Locker Room	1,083	1,083		1,083	1,083		1,083	1,083				
Family Locker / Shower Rooms												
Family Changing / Shower Rooms (multiple Rms)	730		730	730		730	730		730			
Locker Room Subtotal	11,425	6,735	4,690	11,425	6,735	4,690	11,425	6,735	4,690			
Restrooms												
New Women's Restrooms	280		280	280		280	280		280			
New Men's Restrooms	280		280	280		280	280		280			
Restroom Subtotal	560	0	560	560	0	560	560	0	560			
Support Zone												
Small Equipment Issue	150	150		150	150		150	150			Equipm Check out - central location	
Equipment Issue Desk	150	150		150	150		150	150				
Laundry Room	300	300		300	300		300	300				
Equipment Storage	400	400		400	400		400	400				
Intramurals Storage	500		500	500		500	500		500		Includes First Aid Cab and Ice Mach	
Club Sports Storage	500		500	500		500	500		500			
Miscellaneous Storage	1,000		1,000	1,000		1,000	1,000		1,000			

Space Program Model - Comparison Summary

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Northern Kentucky University Campus Recreation Center Expansion

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Program Elements	3/14/2012 - Option A.2			3/14/2012 - Option B.2			3/14/2012 - Option C.3			Remarks
	Total Program Area	Ren Area	New Constr	Total Program Area	Ren Area	New Constr	Total Program Area	Ren Area	New Constr	
Building Operations										
Mech/HVAC/Elec/Fire Control Rooms/Other Misc.	10,010	5,010	5,000	10,010	5,010	5,000	10,010	5,010	5,000	
IT Rooms	264	64	200	264	64	200	264	64	200	
Electrical Equipment Rooms	240	80	160	240	80	160	240	80	160	
Receiving Area		647			647			647		
Recycling room			275			275			275	
Equipment Repair	358	358	0	358	358	0	358	358	0	
Janitor closets	220		220	220		220	220		220	
Building Storage / Custodial	500		500	500		500	500		500	
Support Zone Subtotal	14,592	7,159	8,355	14,592	7,159	8,355	14,592	7,159	8,355	
Campus Recreation Support Area Total (ASF)	26,577	13,894	13,605	26,577	13,894	13,605	26,577	13,894	13,605	
Total Building Total (ASF)	128,304	68,779	61,447	128,616	68,926	60,613	128,304	68,779	60,447	
Corridors/Walls/Support										
Total Building Area (GSF) Orig Program	43,487	16,231	28,334	42,984	16,085	26,977	43,069	16,231	25,906	
	75%	81%	70%	75%	1	1	75%	81%	70%	
Total Building Area (GSF) - Orig Program	172,791	85,010	87,781	171,600	85,010	86,590	171,363	85,010	86,363	L1 - 68,778 GSF + L2 - 16,232 GSF (see only: 85,010 GSF)
Outdoor Activity Area										
Intramural field Building (18' X 34' GSF)	612		612	612		612	612		612	Included in Cost below
Parking (lot resurface)	0			0			0			Included in Cost below
Outdoor Turf Fields										Included in Cost below
Outdoor Activity Area Construction Cost	612	0	612	612	0	612	612	0		
Total "Bid Day" Cost - Recreation Center Renovation / Addition			\$33,039,834			\$33,047,966			\$32,645,850	Includes site costs, ADA upgrades, MEP.
Total "Bid Day" Cost - Outdoor Turf Fields			\$3,991,640			\$3,991,640			\$3,991,640	Includes Fields, support bldg, lighting, site costs
Total Construction cost (Building + Turf field complex)			\$37,031,474			\$37,039,606			\$36,637,490	\$34,000,000 Project Construction Budget

NKU NORTH REC. CONCEPT 1

APPROX. ROADWAY
DISTURBANCE
LINE

RETAINING WALL

OPERAT
MAINTEN

APPROX. ROADWAY
DISTURBANCE
LINE

FLAG FOOTBALL
120' x 360'

FENCE

VLA
2.24.12
NOT TO SCALE

↑
NORTH

POSSIBLE
LIGHT LOCATIONS

SOCCER FIELD
180' x 330'

RETAINING WALL

PROPOSED FENCE

5' WIDE WALK

6' HIGH FENCE

PROPOSED BUILDING
(RESTROOMS, ACCESS CONTROL, STORAGE)

5' WIDE WALK

6' HIGH FENCE

EXISTING PARKING
TO REMAIN

EXISTING
BASKETBALL
TO REMAIN

BASKETBALL

STUDENT PARKING

Project Implementation Opinion of Probable Costs Worksheet

Revision:
Sheet: 1 of 1
Prepared by: FB/JS
Date: 02/23/12
Checked By: x
Date: 2/23/2012

Date: 2/23/2012

[illegible]