Consultant Team:
The Campus Studio
Comprehensive Facilities Planning
Vivian Llambi and Associates
KLH Engineers
Visit #1 Purpose

1. Initiate the planning process
2. Introduce the Consultant Team
3. Share approach, schedule and products
Visit #1 Purpose

1. Initiate the planning process
2. Introduce the Consultant Team
3. Share approach, schedule and products
4. Learn about your needs and expectations
Office Profiles

The Campus Studio

1. Work exclusively with Colleges Universities
2. Staff has worked on more than 80 campuses
3. National experience
4. Selective about the projects we undertake
5. Located in a campus town - Ann Arbor
6. Provide master plans, site design and consultation
Recent Experience

- Eastern Michigan University
- University of Louisville
- University of Nevada - Las Vegas
- Louisiana State University
- Northern Kentucky University
- Penn State University
- University of Southern Indiana
- The University of Michigan
- University of Vermont
- Washtenaw Community College
- Western Illinois University
Selected Experience

1. Space planning specialists - recognized authorities
2. Established in 1994
3. 7 Principals with extensive experience
4. Main office located in Columbus, Ohio
5. Developed space guidelines used by many institutions and other consultants
6. Developed space management software dynamically linking space needs calculations to the space inventory
7. Exclusive higher education focus
8. Experience with numerous public and private institutions
Selected Experience

1. Auburn University
2. Florida Gulf Coast University
3. Indiana State University
4. Indiana University of Pennsylvania
5. Miami (Oh) University
6. Northern Kentucky University
7. Notre Dame University
8. Ohio University
9. Oakland University
10. Pepperdine University
11. Penn State University
12. University of Dayton
13. University of Massachusetts
14. University of West Florida
15. Valparaiso University
16. Yale University
• Started business in the Cincinnati area in 1984; 2 office locations; recently added civil engineering as a service to complement our practice

• Offers environmental design, landscape architecture, planning, civil engineering & urban design services

• Have worked on many NKU projects such as:
  - NKU Parking Garage #3
  - NKU Parking Garage (Kenton Drive)
  - NKU Bank of Kentucky Center
  - NKU Central Plaza Image Study
  - NKU Power Plant
  - NKU Student Union

• Have worked several universities in the region:
  - University of Cincinnati
  - Ohio State University
  - Cincinnati State
  - University of Louisville
  - University of Kentucky
  - Ohio University

• Vested interest in NKU
1. Established in 1955; starting working at NKU in 1968.  
   “We’ve been a part of the NKU transformation”

2. Main Office in Ft. Thomas, KY.  
   “NKU is our hometown University”

3. 75+ engineers, designers and support staff.  
   “NKU is valued business partner 
   (co-op program, Cinsam, Business Simulation Lab, Board of 
   Advisors)”

4. MEP/CT engineering design firm.  
   “Like NKU, we have grown thru innovation and entrepreneurship.”
1. Worked within almost every NKU building (see the dots)

2. Utility transmission and distribution planning expertise

3. Integrated communication technology expertise (critical to delivering education)

**Mechanical Systems**
- Domestic Water Distribution
- Fire Water Distribution
- High Pressure Steam
- Chilled Water
- Natural Gas Purchasing / Distribution

**Electrical Systems**
- Electric Energy
- Alternative Energy Resources
- Emergency Generation

**Communication Technology Systems**
- Wide Area Network Infrastructure (wired and wireless)
- Intra-building Telecommunications Infrastructure
- Centralized Production and Distribution of Multi-media
- Distance Learning
- LAN / WAN Network Electronics
Tenants of our Philosophy  (30 years of Experience)

1. University campuses are unique environments
2. Process is as important as the product
3. Ideas and principles are the foundation of the plan
4. Distinctiveness usually results of outdoor place or feature
5. Good ideas build community - on campus and surroundings
6. Campuses are a long term investment - they will outlive us all
7. This is the university’s plan - it needs to work for you
8. Every project needs to contribute to the campus
Approach Summary

Phase I
Orientation
- Campus
- Vicinity
- Region

Phase II
Issue Identification
- Buildings
- Traffic
- Parking
- Open Space
- Land Use
- Student Issues
- Space Needs

Phase III
Campus Wide Alternatives
- Combined Ingredients

Phase IV
Preliminary Master Plan
- Campus Wide Plan
- Land Use
- Buildings
- Traffic
- Open Space

Phase V
Special Studies
- Area 1
- Area 2
- Planning Design Guidelines

Phase VI
Master Plan Area Plans Guidelines
- Final Package
- Final Presentation
- Master Plan Area Plans Guidelines
- Special Graphics

Phase VII
Final Submittal
- Master Plan Update

Northern Kentucky University Master Plan
Master Plan Approach

1. Center on a Vision
Power of an Idea

1. Stimulates Interest and Understanding
2. Brings Diverse Groups Together
3. Offers a Simpler Way of thinking about Complex Issues
4. Combines Physical and Intellectual Solutions
Center on a Vision

1. Begin by Dreaming – reality comes later

2. Exciting opportunity (fork in the road)
   Time to stop, and ask where we want to go

3. Develop a twenty year vision (requiring updates every 7 years)

4. Guide our evolution from an “Established Campus”
   to a “Mature Campus”
Master Plan Approach

1. Center on a Vision
2. Build Ideas with Others
Outreach, Interaction and Discussion

1. Advisory Committee
2. Executive Committee
3. One-on-One Interviews
4. Open Campus Sessions
5. Open Community Sessions
6. Board of Regents Review
7. Focus Sessions
8. Website
9. Leadership Group
Build Ideas with Others

1. We are all a part of a single team
2. With opportunity comes responsibility
3. Attendance is Critical
   - We want your input but the bus doesn’t back up well
Build Ideas with Others

1 Leadership Team
Consultant Team

2 Advisory Committee

3 Executive Committee

4 Board of Regents

Open Campus Sessions

Open Community Sessions

One on One Interviews
Master Plan Advisory Committee

1. Help generate ideas
2. Insure consistence with existing conditions
3. Provide advice and recommendations

Steve Pendery
Robert Horine
Greg Meyers
Steve Crawford
Phil Moberg
Jenny Wagner
Tony Gulla
Mike Tobergta
Doug Perry
Ken Jones
Denise Robinson
Karen Zerhusen Krueer
Deidra Fajack
Sandi Gillilan
Jane Meier
Matt Brown
Sue Roth
Steve Nienaber
Wally Welch
Harold Todd
Andy Meeks
Ken Ramey
Larry Blake
Mary Paula Schuh
Gordie Bennett
Master Plan Executive Committee

James Votruba  Zebulun Davenport
Gail Wells  Kim Luse
Ken Ramey  Martin Butler
Sue Hodges  Anna Dale Pyles
Gerry St. Amand  Alyse Bender
Sara Sidebottom  Larry Blake
Joe Wind  Mary Paula Schuh
Steve Nienaber

1. Consider Advisory Committee Recommendations
2. Set Policy
3. Give approval with Board of Regents concurrence
Space Planning Task Force

Gail Wells
Doug Perry
Ken Jones
Denise Robinson
Kevin Corcoran
Gary Clayton
Mark Wasicsko

Gabe Cronon
Kim Taylor
Zebulun Davenport
Matt Brown
Ken Ramey
Larry Blake
Mary Paula Schuh
Gordie Bennett

1. Review and provide input
2. Confirm consultant recommendations
Master Plan Approach

1. **Center on a Vision**
2. **Build Ideas with Others**
3. **Know the Culture, the People and the Campus**
Every institution is unique: an on going process which has already began and doesn’t stop until the end of the project.
What sets NKU apart?

“A University that cares about students”.

- Undergrad commuter student
- Undergrad residential student
- Graduate non-traditional student
Master Plan Approach

1. Center on a Vision
2. Build Ideas with Others
3. Know the Culture
4. Think Framework
Topographic Setting

1. Protect unique natural features: major ravines, outcroppings and beech forest
2. Protect wooded banks
3. Bridging the ravines
Think Framework

Achieve bold simple patterns which are independent yet interrelated

1. Open Space & Pedestrian Circulation
2. Building Placement and Capacity
3. Utility Corridors
4. Parking and Vehicular Circulation
Growth Horizon Framework

Balancing Infrastructure and Building Opportunities

1. Utilities
   - Chilled Water
     - Maximize Charter
   - Steam
     - Add Boiler
   - Electrical
     - Existing Substation Capacities
     - Electric Upgrade Completed by 1999

2. Building Capacity
   - University Property Available Today
     - Demolition Required
     - Acquisition

3. Parking + TDM
   - 2,000 SPACE DEFICIT
     - 67 Spaces TDM 5x
     - 1240 Spaces TDM Continuous
     - Remote Pkg. + TDM
     - Decks Near Arterials
     - Walnut Street Intersection

4. Road Improvements
   - Close Randall
   - Create 1-Way Paris Charter and Mills
   - Improve University Bay Drive and University Avenue Intersection
   - Improve Babcock and Campus Drive Intersection
   - Upgrade On-Campus Transit Service

Northern Kentucky University Master Plan
The Campus Studio - Vivian Llambi Associates - Comprehensive Facilities Planning - KLH Engineers
Master Plan Approach

1. Center on a Vision
2. Build Ideas with Others
3. Know the Culture
4. Think Framework
5. Generate Excitement
Alternative Ways of Thinking

1. Understand the Opportunity
2. At a critical stage in the evolution of the campus – new ideas are needed to reach the next level
3. Alternatives help us explore new ways of thinking
4. Pick the best pieces of each
Generate Understanding and Excitement

1. Open and honest
2. Be sure people understand
3. Provide professional opinion
4. Share ideas with others
5. Agree on best approach
Master Plan Example

Detail conveys Reality

NKU Master Plan 2000

University of Southern Indiana
Multiple Levels of Detail

1. Campus Wide Master Plan
2. Special Area Plans
3. Design and Planning Guidelines

Design and Planning Guideline

Special Area Plan

Master Plan

New Business School
Site Treatment Layers

- Canopy (15' plus)
- Eye Level (2' to 15')
- Ground Plane (Up to 2')
Special Events

<table>
<thead>
<tr>
<th>Tasks</th>
<th>Oct 07</th>
<th>Nov 07</th>
<th>Dec 07</th>
<th>Jan 08</th>
<th>Feb 08</th>
<th>March 08</th>
<th>April 08</th>
<th>May 08</th>
<th>June 08</th>
<th>July 08</th>
<th>Aug 08</th>
<th>Sept 08</th>
<th>Oct 08</th>
<th>Nov 08</th>
<th>Dec 08</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Orientation</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>+</td>
<td></td>
</tr>
<tr>
<td>2. Issues</td>
<td></td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>+ +</td>
<td></td>
</tr>
<tr>
<td>3. Alternatives</td>
<td></td>
<td></td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>+ +</td>
<td></td>
</tr>
<tr>
<td>4. Preliminary Master Plan</td>
<td></td>
<td></td>
<td></td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>+ +</td>
<td></td>
</tr>
<tr>
<td>5. Special Studies</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>+</td>
<td></td>
</tr>
<tr>
<td>6. Final Master Plan Package</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>+</td>
<td></td>
</tr>
<tr>
<td>7. Final Submittal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>+ +</td>
<td></td>
</tr>
</tbody>
</table>

Board Presentation
Open Sessions

Northern Kentucky University Master Plan

The Campus Studio - Vivian Llambi Associates - Comprehensive Facilities Planning - KLH Engineers
Summary

1. Define new directions, and a compelling vision
2. Emphasize the rationale behind the recommendations
3. Understand the impact of growth - space and facility needs
4. Identify future patterns and utilize development to shape a more vibrant and distinctive campus
5. Create a humane, student focused learning community
6. Utilize topography and other natural elements as a positive
7. Bring campus and the surrounding neighborhoods into the planning process and identify concepts that benefit all
8. Re-configure and enliven the central core
9. Define an implementation methodology
10. Identify factors which limit growth and define creative strategies to deal with them
END of SHOW