Agenda

1. What we have heard
2. Preliminary Analysis and Findings
3. Planning Principles
4. Next Steps
Observation and Analysis

Workshop #1:
Observation interviews & analysis
Kick off + data collection

Workshop #2:
DRAFT Analysis Summary

Concept Plan, Guiding Principles and Space Needs

Workshop #3:
Concept Development

Near-term + Long-term Visions

Workshop #4:
Immediate Projects Definition

Workshop #5:
Long term improvements

Final Plan Master Plan

Workshop #6:
Draft plan
Stakeholder Groups and Open Forum
Online Engagement

- “Enhance the connection to the campus gardens”
- “The campus needs a union”
- “More flexible meeting spaces seating 25-75 people”
- “Scheduled reviews for usage and modernization of spaces”
- “Update Library w/ more collaborative learning spaces”
- “Academic space aligning with learning objectives & pedagogy”
- limited space for out-of-class small group collaboration

http://calvinmasterplan.mindmixer.com/
Workshop 1 Common Themes

Stewardship of the campus and environment
1. Use resources wisely
2. Sustainable initiatives
3. Financial

We are fighting the spaces we are in
1. Quality
2. Size
3. Configuration
4. Technology
5. Lack of flexibility

Lack of high functioning teaching spaces

Department space needs
1. Key needs existing
2. Needs vary department to department

Lack of collaborative spaces

Inwardly focused campus
1. Campus Access
2. Building Access
3. Homogenous and muted

Quantity and variety of student housing

Lower verse upper division experience

How do we connect the two side of campus

Landscape
1. Natural verse manicured – hybrid
2. Relationship between core and the preserve

Support community
1. Academic (departmental/ interdisciplinary)
2. Student groups
3. Calvin community
4. Engagement with Grand Rapids, larger Christian Reformed community, and the world
Space Needs Analysis
# Categorizing and Projecting Campus Space

## Assignable Area:

### [100] Classroom
- Classroom
- Classroom Support

### [200] Laboratory
- Teaching Laboratory
- Teaching Laboratory Support
- Open Laboratory
- Open Laboratory Support
- Research Laboratory
- Research Laboratory Support

### [300] Office
- Office
- Office Support
- Conference
- Conference Support

### [400] Library/Study
- Stacks/Shelves
- Study
- Study Support

### [500] Athletics
- Athletic
- Athletic Support

### [500] Clinic
- Clinic
- Clinic Support

### [600] Assembly/Exhibit
- Assembly Space
- Assembly Space Support
- Exhibition Space
- Exhibition Space Support

### [600] Student Life
- Dining
- Dining Support
- Lounge
- Lounge Support
- Merchandising
- Merchandising Support

### [700] Support
- Central IT/Computer
- Central Shop
- Central Storage
- Parking Garage
- Hazardous Storage

### [800] Health Care
- Student Infirmary
- Student Infirmary Support

### [900] Residential
- Dormitories
- Bathrooms
- Laundry Rooms
- Residential Support

### [000] Unclassified
- Inactive
- Unfinished

## Non-Assignable Area:

### [WWW] Circulation
- Stairway
- Elevator
- Escalator
- Corridor
- Loading
- Lobby/Vestibule

### [XXX] Building Service
- Restroom
- Janitor
- Trash Room

### [YYY] Mechanical Area
- Power Plant
- Fuel Room
- Mechanical Room
- Electrical Room
Example Department Needs: Computer Science

Existing Space Issues
- Issues with current teaching space (awkward): shape, layout, fixed seating, furnishings, projection screen location,
- SB 354 and 372 are crowded.
- SB 337 (capacity 24) forces more lab sections than necessary

Space Needs
- Storage Space for departmental materials

Adjacencies:
- Relationship between offices and labs (spread across two floors and two buildings)
- Poor sense of identify for the department
- Programmatic ties to CAS department but serendipitous interaction limited by their location
Campus Observations
Regional Context

Observations
Plan Grand Rapids

2.0 - Overview

2.1 - Introduction

The Master Plan establishes the type, character and density of development that is appropriate in different areas of the community, including where new development might occur and where resources should be directed to revitalize or reuse already developed areas. It also provides a framework for identifying important natural and cultural resources to be protected and for determining what public investments in streets and other infrastructure will be needed.
**Plan Grand Rapids**

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### Figure 4.b - Hierarchy of Mixed-Use Centers

**Neighborhood Mixed-Use Center**

Serves as the focus of a neighborhood or several neighborhoods; located on a major transit route.

<table>
<thead>
<tr>
<th>Core Retail Uses</th>
<th>Other Core Uses</th>
<th>Approximate Retail Gross Square Feet</th>
<th>Approximate Trade Area</th>
<th>Population to Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Convenience shopping:</td>
<td>Non-retail uses within the core might include:</td>
<td>7,500 - 10,000</td>
<td>1/4 - 1 mile</td>
<td>Minimum 6,000 - 10,000</td>
</tr>
<tr>
<td>Small food market</td>
<td>Small upper-story offices</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Deli</td>
<td>Day care</td>
<td></td>
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</tr>
<tr>
<td>Bakery</td>
<td>School</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Local restaurant</td>
<td>Police or fire substation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Florist</td>
<td>Multifamily housing</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Video store</td>
<td>Live/work housing</td>
<td></td>
<td></td>
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<tr>
<td>Beauty/barber</td>
<td>Branch library</td>
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<td></td>
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<tr>
<td>Dry cleaning</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other local small business</td>
<td></td>
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</tr>
</tbody>
</table>
1959 Master Plan

EDUCATIONAL GOALS AND PRINCIPLES
FOR THE DEVELOPMENT OF THE MASTER PLAN

1. Integration of all knowledge.
3. College represented equally by 1 class hall, lab, studio, chapel, library.
4. Community of scholars, faculty, students.
5. Faculty/student/classroom orientation rather than lab, studio, social.
8. Easy traffic control & consideration for residential neighborhood.
10. Recreation area.
11. Student pedestrian traffic.
12. Student activities, recreation from neighborhoods.
13. Flexibility: to meet changing conditions & new requirements not now foreseen.
14. Extra-curricular/student life: at times, thru integration at the service of academic development.
Timeline – Pre 1969

EAST BELTLINE (M37)
Knollcrest Circle
Lake Drive SE
Hampshire Blvd SE
East Campus Drive
Burton Street
Woodcliff Ave SE

New Construction
Timeline –1970-1979
Timeline –1980-1989
Timeline – 1990-1999
Timeline –2000-Present
Building Footprints
Building Ownership
Building Use
Vehicular Circulation
Parking Types

When you travel to and from campus, how do you travel most of the time? (check all that apply)

- By your own vehicle
- By carpooling
- By bicycle
- By bus
- By GoCalvin Shuttle
- By foot
- Not applicable

Question 3:
What three types of transportation would you most like to see improved?

- Pedestrian walking paths
- Bicycle paths or trails
- GoCalvin shuttle
- City bus system
- Ride sharing (e.g. Zip Car)
- Priority parking for carpooling

- Commuter and Resident Student
- Commuter
- Resident Student for KHvR, BB, NVW, BV
- Resident Student for RVD, BHT, SE
- Resident Student for Knollcrest East
Campus Parking

General 3,716
Handicap 127
Visitor 43
Short-term 40
Staff 169
Reserved 87
TOTAL 4,128
Campus Parking

20+ Acres
Topography
Campus Vegetation
Open Space
Walkability
Impervious
Infrastructure – Storm, Sewer, Water
refine and renew

preserve and extend

define and develop
Sustainability
Stewardship of the Campus

Question 1
Which three aspects are most important to making Calvin a more sustainable campus?

- More efficient utilization of existing buildings: 15 votes
- Re-Use existing buildings and targeting development to already disturbed land (gray-fields): 7 votes
- Achieve LEED certified for new and renovated buildings: 12 votes
- Alternative energy sources: 14 votes
- Landscape & Biodiversity: 7 votes
- Storm water management Best Management Practices (BMPs): 3 votes
- Divert and reduce waste: 14 votes
- Water Conservation: 2 votes
- Alternative Transportation: 8 votes
- Develop strategies to limit single occupancy vehicular trips to and from campus: 7 votes
Sustainability
Stewardship of the Campus

- Energy efficient renewal
- Limit impact on natural ecosystems
- Energy Systems, use and operations
- Alternative transportation
- Walking and biking campus
- Landscape and biodiversity
- Water Conservation—water efficient indigenous plantings
- Waste diversion
- Curriculum
- Culture
Planning Principles
1959 Planning Themes

- Environment that made people feel comfortable
- A place of refuge
- An inwardly focused place for living and learn
- Reinforced by the suburban setting and cultural ideals of the time
1959 Planning Principles

1. Integration of All Knowledge
3. “Community of Scholars”
4. Integration of Administration and Faculty
5. Faculty – Student Classroom Orientation
6. Library
9. Flexibility
10. Extra-curricular Student Life
1997 Master Plan
1997 Master Plan Themes

1. Calvin is a Christian College
2. Learning is the central task of Calvin College
3. Life at Calvin is integrated
4. Calvin is linked to the world beyond the campus
5. Calvin is student-centered
6. Calvin values frugality, simplicity, and functionality
7. Calvin respects the natural environment
8. Calvin is a place for a lifetime
2014 Strategic and 2015 Master Plan

- Sustainability and Stewardship
- Engage the world
- Emphasis on civic connection and engagement
- Attract and retain diverse students
- Welcoming
- Campus Edges
**Schedule**

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- **Workshop #1**: Observation Interviews & Analysis
  - Kick off + Data Collection
- **Workshop #2**: DRAFT Analysis Summary

**Concept Plan, Guiding Principles and Space Needs**
- **Workshop #3**: Concept Development

**Near-Term + Long-Term Visions**
- **Workshop #4**: Immediate Projects Definition
- **Workshop #5**: Long Term Improvements

**Final Plan Master Plan**
- **Workshop #6**: Draft Plan

**Workshop 1**
- Core Team
- Focus Groups
- Open Forums
- Steering Committee

**Workshop 2**
- Steering Committee
- Campus Community

**Workshop 3**
- Steering Committee
- Campus Community

**Workshop 4**
- Steering Committee
- Campus Community

**Workshop 5**
- Steering Committee
- Campus Community

**Workshop 6**
- Steering Committee
- Campus Community