Anne Arundel Community College

Facilities Master Plan

Board of Trustees Presentation

December 8, 2015

Stantec

Agenda

1 Process

2 Summary of Needs

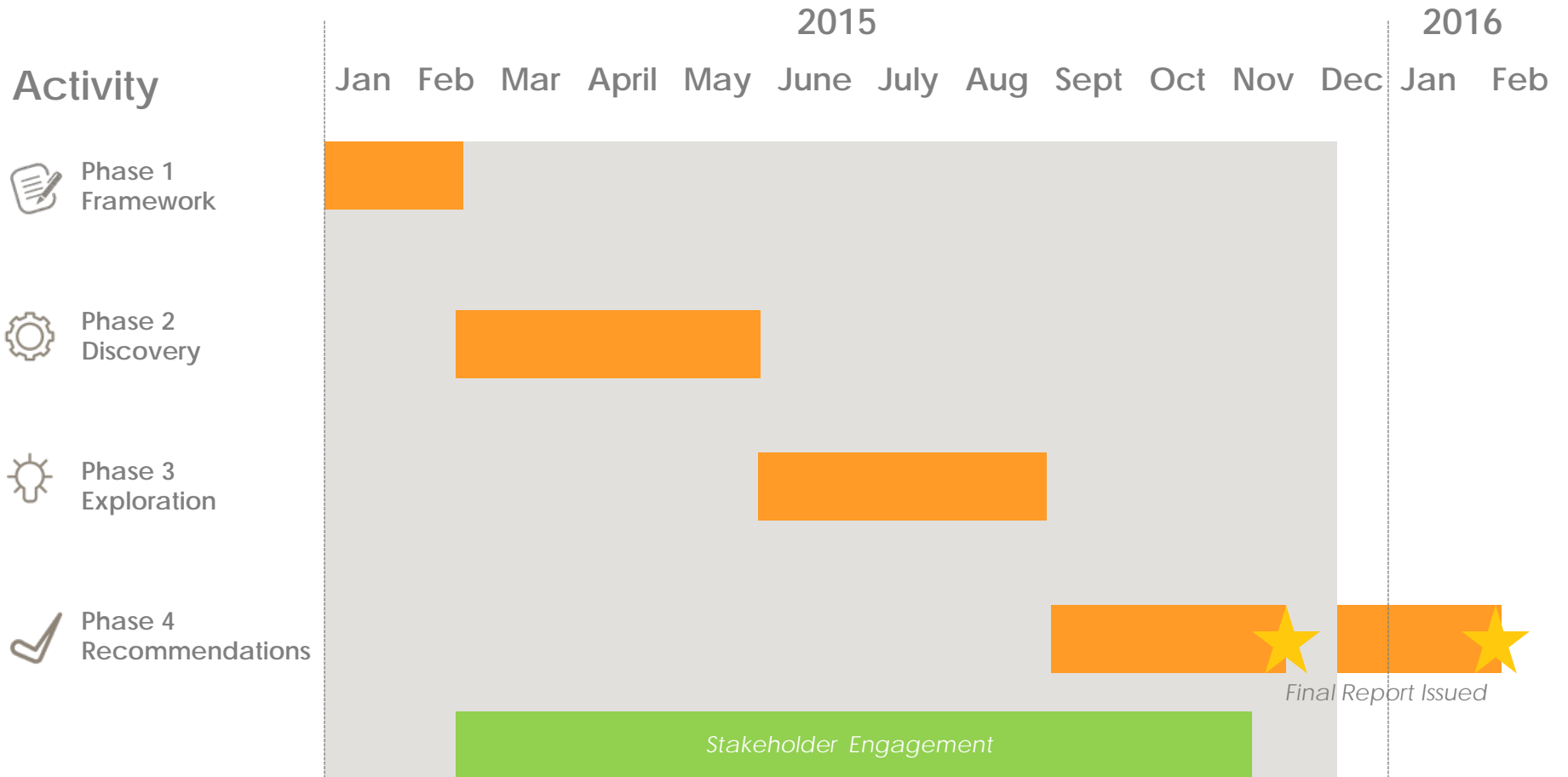**3** Recommendations

4 Discussion

1 Process

Overview

- Five year Facilities Master Plan Update

- Facilities Manual for Maryland Community Colleges

- Project start Q1 2015

- Final Plan to State agencies by February 1, 2016

Scope of Services

- Facilities Assessment

- Environmental Scan

- Space Utilization

- Stakeholder Engagement

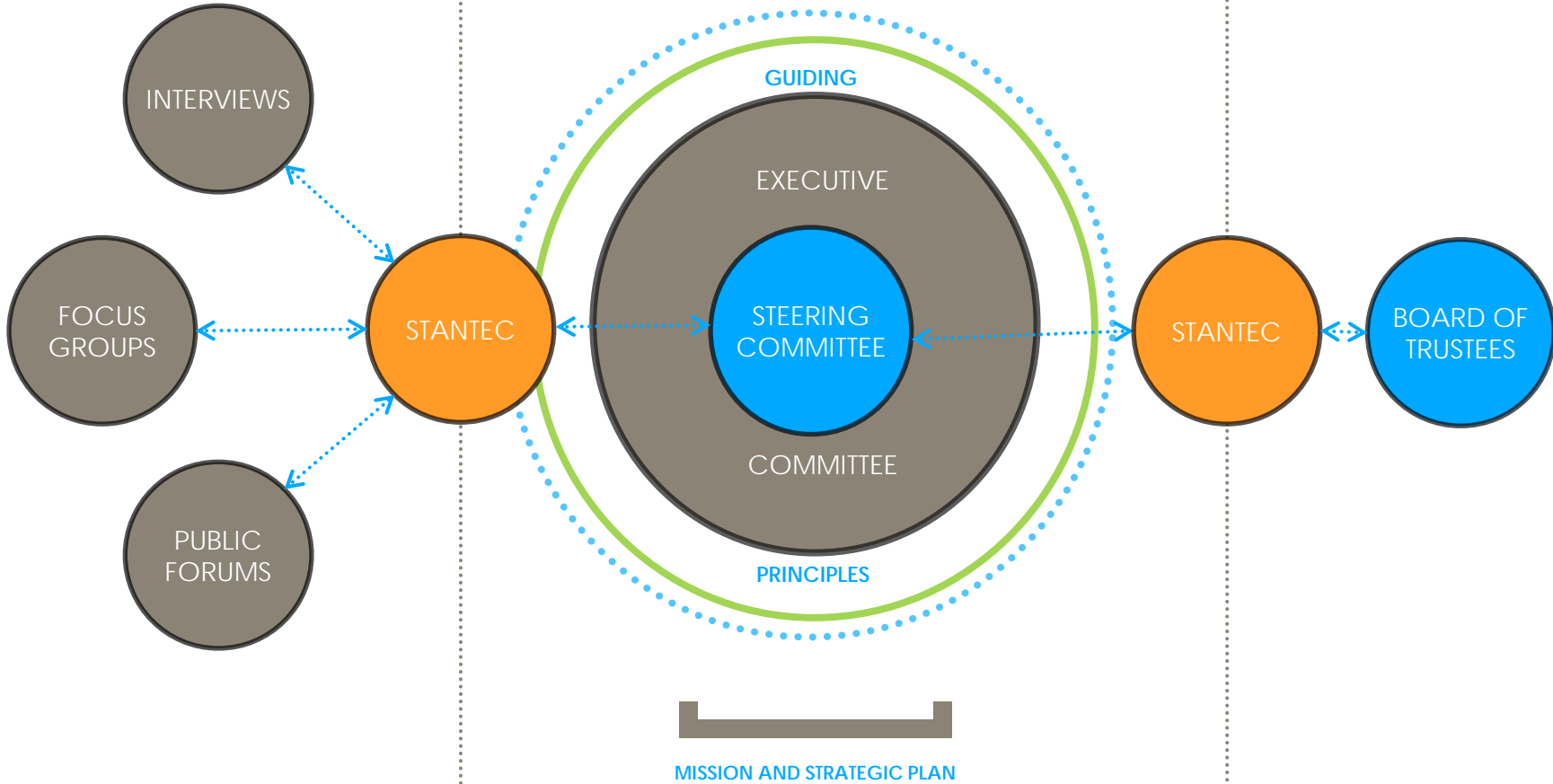- Planning

- Implementation Strategy

Schedule

| Activity | 2015 | | | | | | | | | | | | 2016 | |
| --- | Jan | Feb | Mar | April | May | June | July | Aug | Sept | Oct | Nov | Dec | Jan | Feb |

Phase 1 Framework

Phase 2 Discovery

Phase 3 Exploration

Phase 4 Recommendations

Final Report Issued

Stakeholder Engagement

Stantec

Input

Direction / Decisions

Approval

INTERVIEWS

FOCUS GROUPS

PUBLIC FORUMS

STANTEC

GUIDING

EXECUTIVE

STEERING COMMITTEE

COMMITTEE

PRINCIPLES

STANTEC

BOARD OF TRUSTEES

MISSION AND STRATEGIC PLAN

Guiding Principles

Non-traditional students

Flexible learning environments

Operational efficiencies   Sustainability

Financial responsibilities

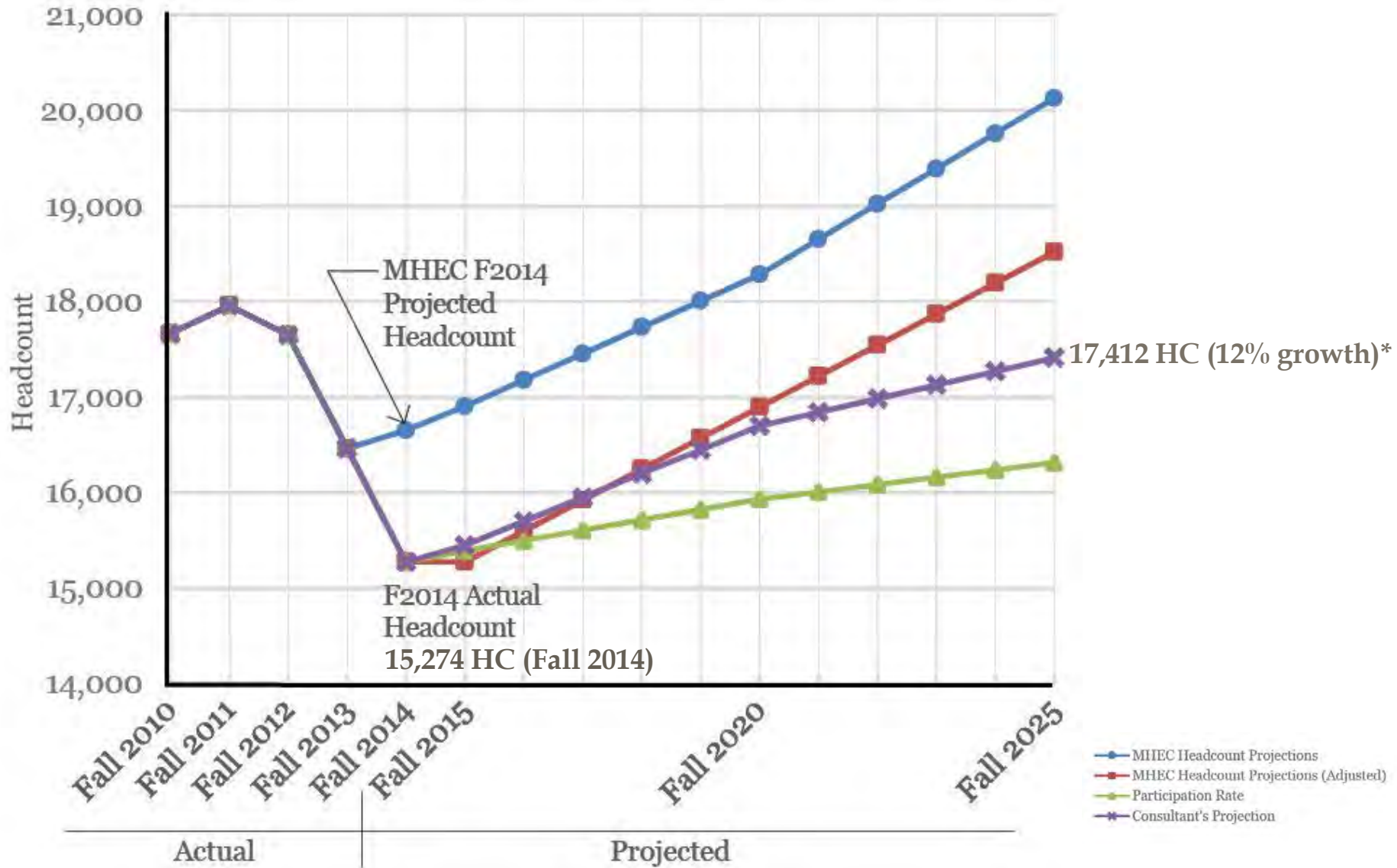Campus and community

Infrastructure and technology

Pedestrian connectivity

Visual continuity   Humanly scaled spaces

2　Summary of Needs

Enrollment Projections

Program Considerations

- Program and Course Considerations:

  - Expanded Science courses

  - Court Reporting/Expanded Paralegal offerings

  - Dental Assisting program expansion

  - Education program expansion

  - Building Trades

Needs Summary

- Install informal learning spaces throughout campus

- Retire outdated and under-utilized structures

- Improve campus wide space utilization

- Provide contemporary and competitive space for Health Science programs

- Address current lab shortage (14 HS, 4 PS, 1 Bio)

- Co-locate and expand Math department and classrooms

- Expand Child Development Center and CDC Lab

- Improve student life and student services on-campus

3 Recommendations

Near Term (1-5 years)

This Phase will initiate the implementation of learning landscapes and construct the new Health Science and Biology building

Near-term

1 Partial renovations for learning landscapes

2 Relocate and renovate Modular Building

3 Construct New Health Science and Biology Building

- Relocate Schwartz program to temporary building
- Retire Schwartz
- Retire Pool
- Partial relocation of Loop Road, replace tennis courts with parking

Active Learning Environments

iBar

formal

FUNCTION	resource
FURNITURE	bar, stools
FLEXIBILITY	low
TECHNOLOGY	computer stations, printer
LEARNING STYLE	support

The iBar, otherwise known as a genius bar, is a long, technologically rich station where students can "plug in", print, study, and receive support from tutors or peers. Designed to be an optimal setting for groups of 2 or 3, it can also serve for individual study, and occasionally group study. The iBar is typically located in a public, highly visible area of the building, making it an obvious resource for all students.

# of people **2-3**

mediascape

informal

FUNCTION	collaboration
FURNITURE	fixed table and chairs
FLEXIBILITY	low
TECHNOLOGY	wifi, screenshare, power, data
LEARNING STYLE	peer to peer

A mediascape is a small room or nook designed for small group media-related study. It usually features one or more screen where students can work on multi-media presentations. It may also be used for video conferencing and screen sharing. A mediascape space is usually semi-private, but can also be made visible as a method to put learning on display and showcase the use of technology.

# of people **2-3**

project room/pod

formal

FUNCTION	small group
FURNITURE	table and chairs
FLEXIBILITY	moderate
TECHNOLOGY	wifi, power, whiteboard
LEARNING STYLE	collaborative

A pod is a self-contained project room which can provide privacy to the user group, or open up partially to the outside. A pod is technology-rich and can support different media and learning styles - both low tech and high tech. It features a variety of surfaces - screens, marker boards, pin up walls - to provide a project team with everything they may need to complete an assignment. Wifi and computers are available to provide access to the world wide web.

# of people **3-5**

breakout

informal

FUNCTION	small group
FURNITURE	table and chairs
FLEXIBILITY	high
TECHNOLOGY	wifi, power, whiteboard, screen
LEARNING STYLE	collaborative

A breakout area is an informal environment usually adjacent to a more formal classroom or lab where students can move to during or after class, in order to work independently or in small groups. It typically features wireless internet and power for laptop computers, as well as low tech writing surfaces. The breakout can also be used as a leisure or collaborative space by students between and outside of classes.
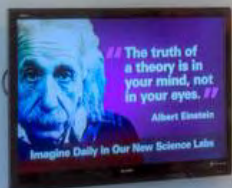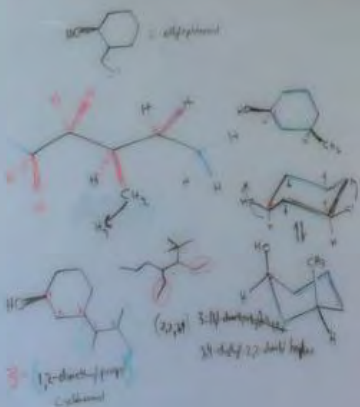
# of people **3-5**

New Health Science and Biology Building

Preliminary Program

|		
Personnel Offices	13,300	
Academic Support Space	6,440	
Health Science Laboratory Space*	37,170	
Dedicated Classrooms	15,440	
Biology Sciences Space	28,630	
	100,980	NSF
With 1.7 Grossing Factor	171,670	GSF

$121m*

*Cost represents building and site development only. Additional costs for retiring pool and Schwartz and relocating a portion of ring road are an additional $5m.

4 floors at 42, 918 gsf per floor

Mid-term (6-8 years)

Addition and renovation to Dragun for the Physical Sciences and expansion opportunities for Math and CDC

Mid-term

1. Partial renovations for Math

2. Partial renovation for CDC expansion

3. Dragun Renovation + Addition

4. Improved Gateways

5. Renovate Florestano
   - Johnson Classrooms / Offices
   - Continuing Education
   - Business Law
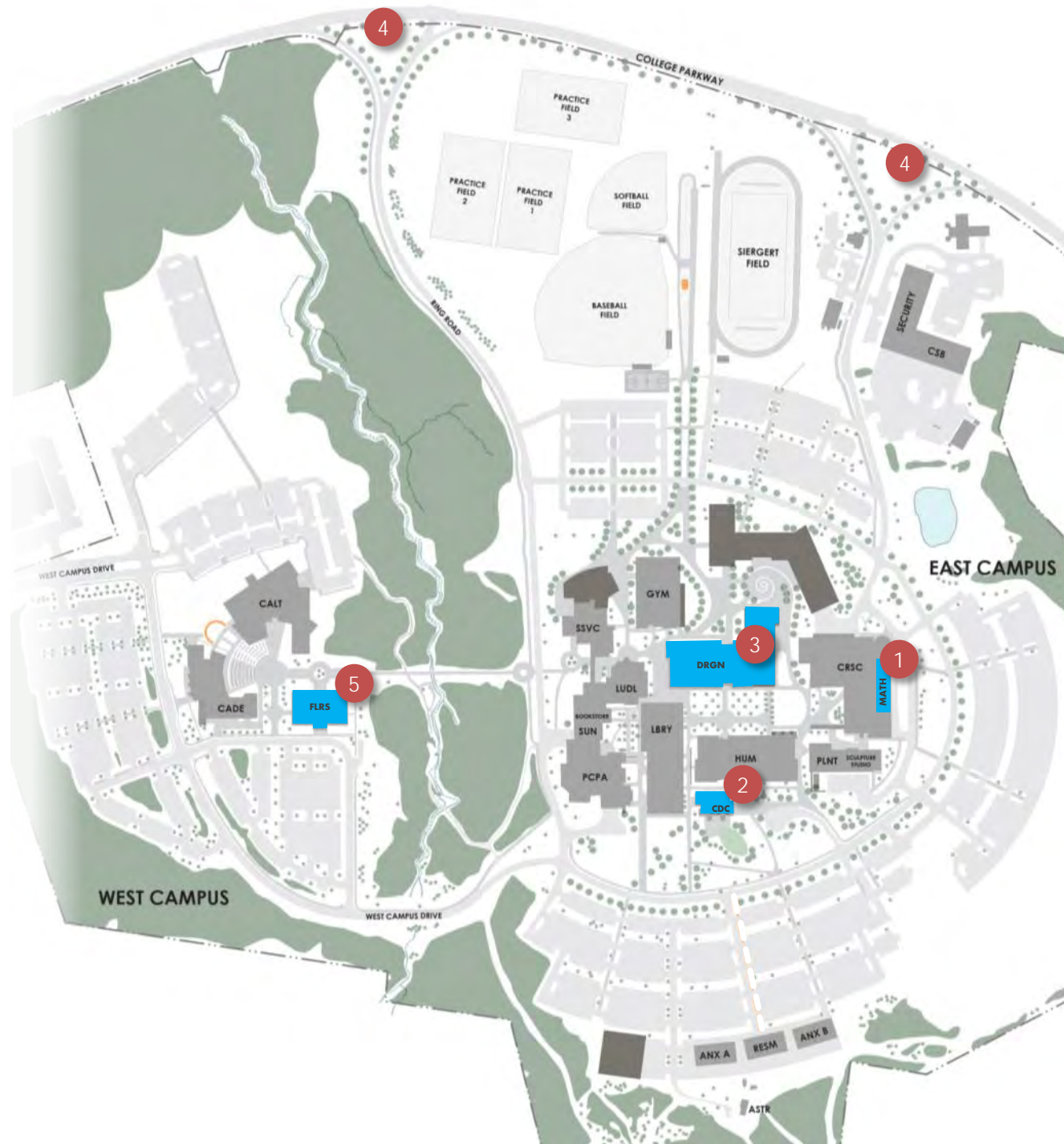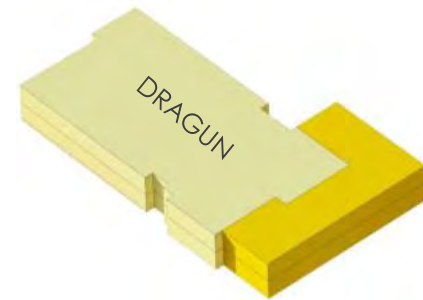
Dragun Renovation + Addition

Preliminary Program

$34m

Personnel Offices	3,000	
Academic Support Space	2,690	
Physical Sciences Laboratory Space	26,500	
Instructional Space	10,940	
	43,130	NSF
Existing Dragun Building	26,800	NSF
	16,330	
Addition with 1.7 Grossing Factor	27,770	GSF
Renovation	45,560	GSF
Total	73,330	GSF

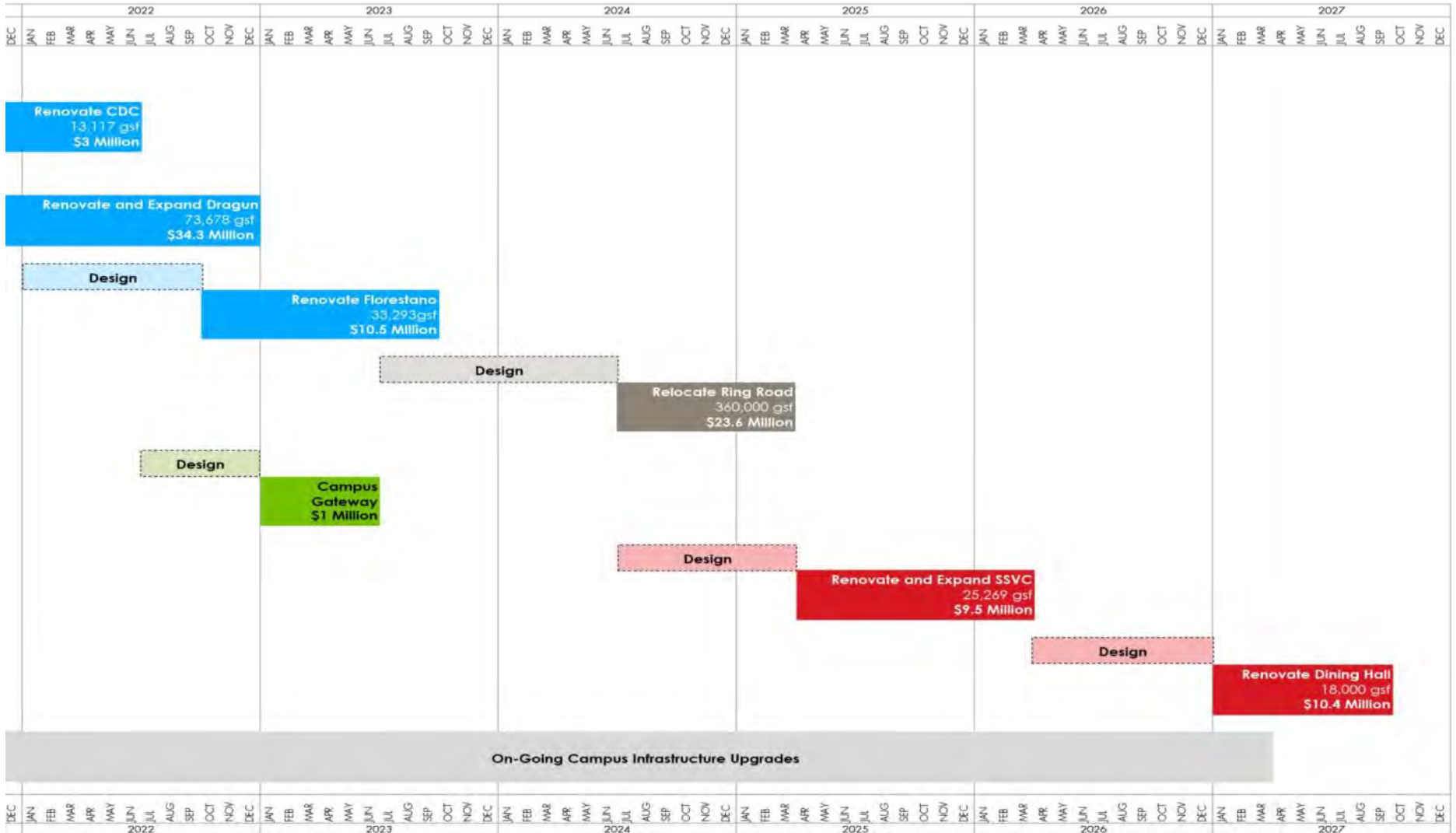*2 floors at 13,885 gsf per floor*

Long Term (8+ years)

Addressing student services and student life while providing flexibility for future growth and new opportunities

Long Term

1. Complete Loop Road Relocation

2. Student Life Addition + Renovation

3. Dining Hall Renovation

4. Future Development Opportunities

Implementation

Schedule 2016 - 2021

Schedule 2022 - 2027

Anticipated Probable Costs

Proj. No.	Project Name	Construction Cost	Professional Fees, Equipment, Construction Contingencies	Total Project Costs 2016 Dollars	Estimated Year of Mid-Point Construction	Total Project Cost w/ Escalation	Total Project Cost by Term with Escalation
NEAR-TERM							$129,256,226
N1	Learning Landscape Improvements Campus Wide	$1,000,000	$200,000	$1,200,000	2018	$1,349,837	
N2	Relocate the Modular Building	$810,000	$97,200	$907,200	2017	$981,228	
N3	Construct Health Science and Biology Building*	$86,428,000	$17,285,600	$103,713,600	2019	$121,330,243	
N3.1	Raze Pool and Install Gym Façade	$560,000	$84,000	$644,000	2019	$753,389	
N3.2	Raze Schwartz and Relocate Classrooms	$348,800	$69,760	$418,560	2019	$489,656	
N3.3	Relocate Ring Road	$2,800,000	$560,000	$3,360,000	2019	$3,930,725	
N3.4	Campus Entrance Monument Sign	$300,000	$60,000	$360,000	2019	$421,149	
MID-TERM							$51,114,654
M1	Partial-Renovation of Careers Building	$1,530,320	$306,064	$1,836,384	2021	$2,234,242	
M2	Renovate and Expand Child Development Center	$1,967,550	$393,510	$2,361,060	2022	$2,987,494	
M3	Renovate Dragun and Expand for Physical Sciences	$22,613,522	$4,522,704	$27,136,227	2022	$34,335,984	
M4	Campus Gateway Improvements along College Parkway	$660,000	$132,000	$792,000	2023	$1,042,218	
M5	Renovate Florestano	$6,658,600	$1,331,720	$7,990,320	2023	$10,514,716	
LONG-TERM							$45,968,430
L1	Complete Relocation of Ring Road	$14,400,000	$2,880,000	$17,280,000	2024	$23,648,873	
L2	Renovate and Expand Student Services Center	$5,559,180	$1,111,836	$6,671,016	2025	$9,494,936	
L3	Renovate Dining Hall	$5,400,000	$1,350,000	$6,750,000	2027	$10,391,315	
	On-going Campus Infrastructure Upgrades			$2,000,000	2021	$2,433,306	
		$151,035,972	**$30,384,394**	**$183,420,367**			**$226,339,310**

Notes:

All estimates are in 2016 dollars

* Preconstruction includes projects N3.1-N3.4

Look-ahead Schedule
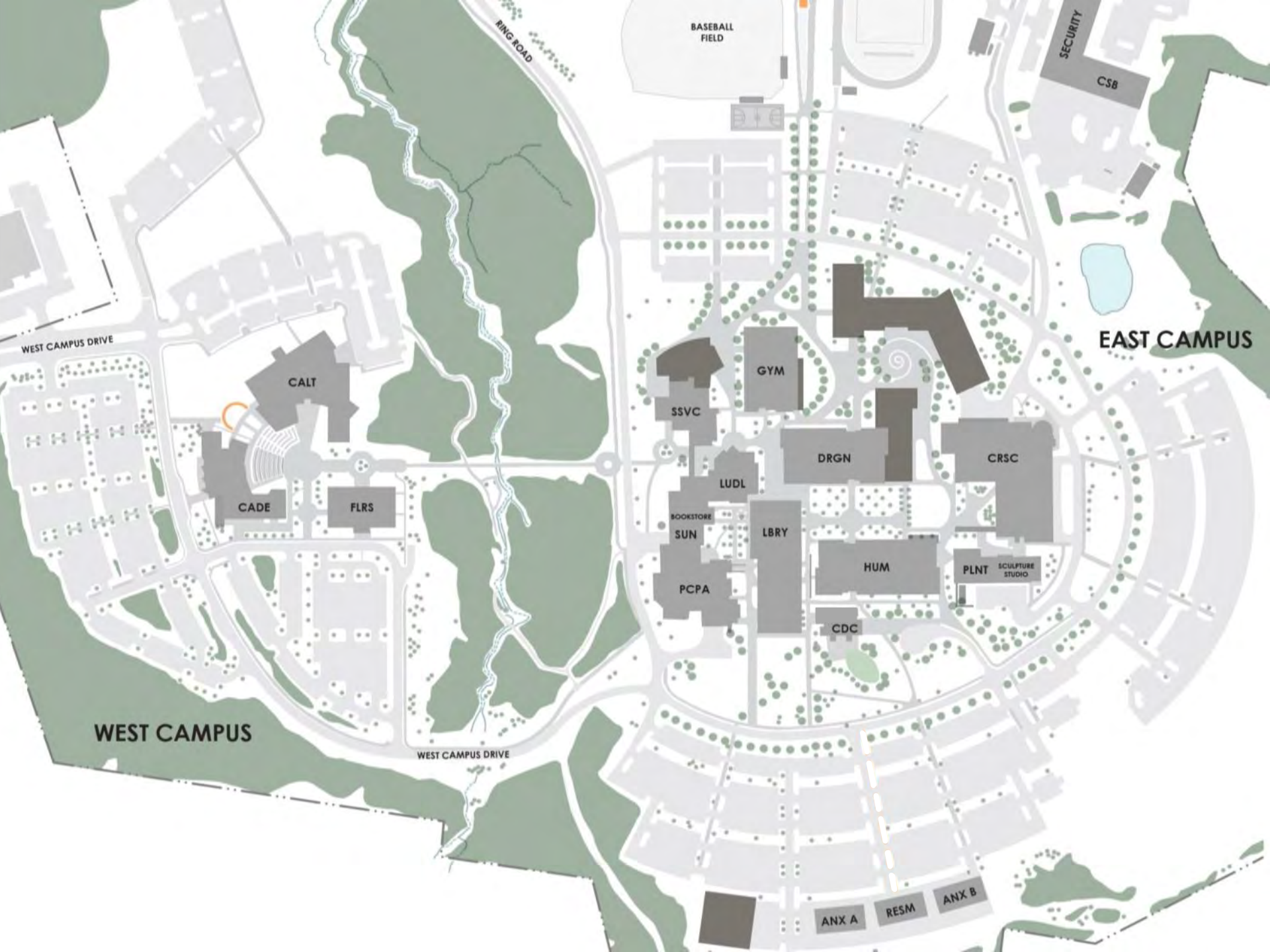
January 4

- Final deliverable

January 12

- Board approves document

February 1

- Transmitted to MHEC

4 Board Questions & Comments

RING ROAD

BASEBALL
FIELD

SECURITY

CSB

EAST CAMPUS

WEST CAMPUS DRIVE

CALT

CADE

FLRS

SSVC

GYM

DRGN

CRSC

LUDL

BOOKSTORE

SUN

LBRY

HUM

PLNT

SCULPTURE
STUDIO

PCPA

CDC

WEST CAMPUS

WEST CAMPUS DRIVE

ANX A

RESM

ANX B

Thanks to our Steering Committee

- Art Ebersberger, *Board Chair/Board Liaison*

- Dr. Dawn Lindsay, *President*

- Melissa Beardmore, *VP for Learning Resources Management*

- Maury Chaput, *Executive Director, Administrative Services*

- Shad Ewart, *Academic Forum Representative*

- Dr. Karen Hays, *VP for Learning*

- Peter Kaiser, *Professional & Support Staff (PSSO) Representative*

- Felicia Patterson, *VP for Learner Support Services*

- Dr. Terry Portis, *Administrative Support Organization (ASO) Representative*

- Jim Taylor, *Director, Facilities Planning and Construction*