UNIVERSITY OF GUAM

VISION 2025

INA DISKUBRE SETBE

2025 Campus

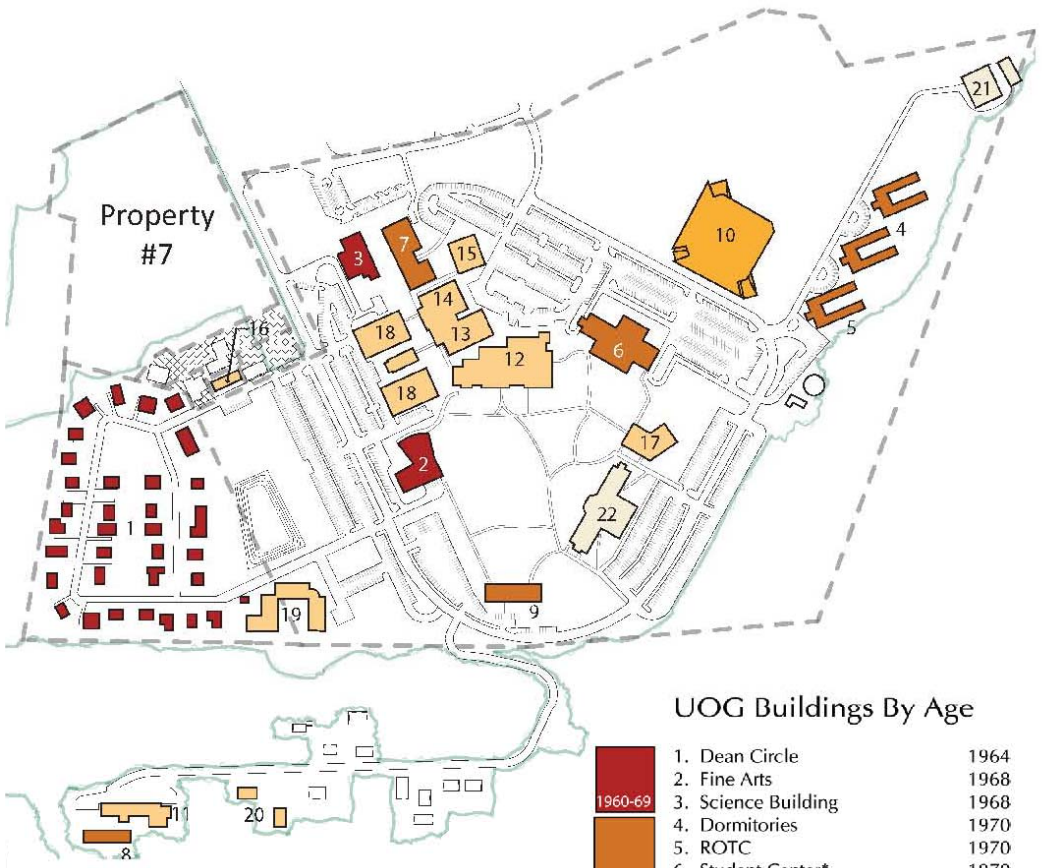
Engineering Science Annex

VISION 2025 -21ST CENTURY CAMPUS

By the year 2025, the vision for the University of Guam Campus is a 21st century campus that enhances the University's role as an essential resource to Guam and the region. The University is the institution for higher learning where development of the academic and professional foundation for future leaders takes place. The capability of the University is critical to the development of this leadership foundation, and Vision 2025 maps the University campus evolution in response to the anticipated needs of its students, educators, researchers, staff, and the community. The product of Vision 2025 is a campus that strengthens and perpetuates the University of Guam as the natural choice for higher learning for Guam and the region.

Triton Engagement Center

Fine Arts Facility



UOG Buildings By Age

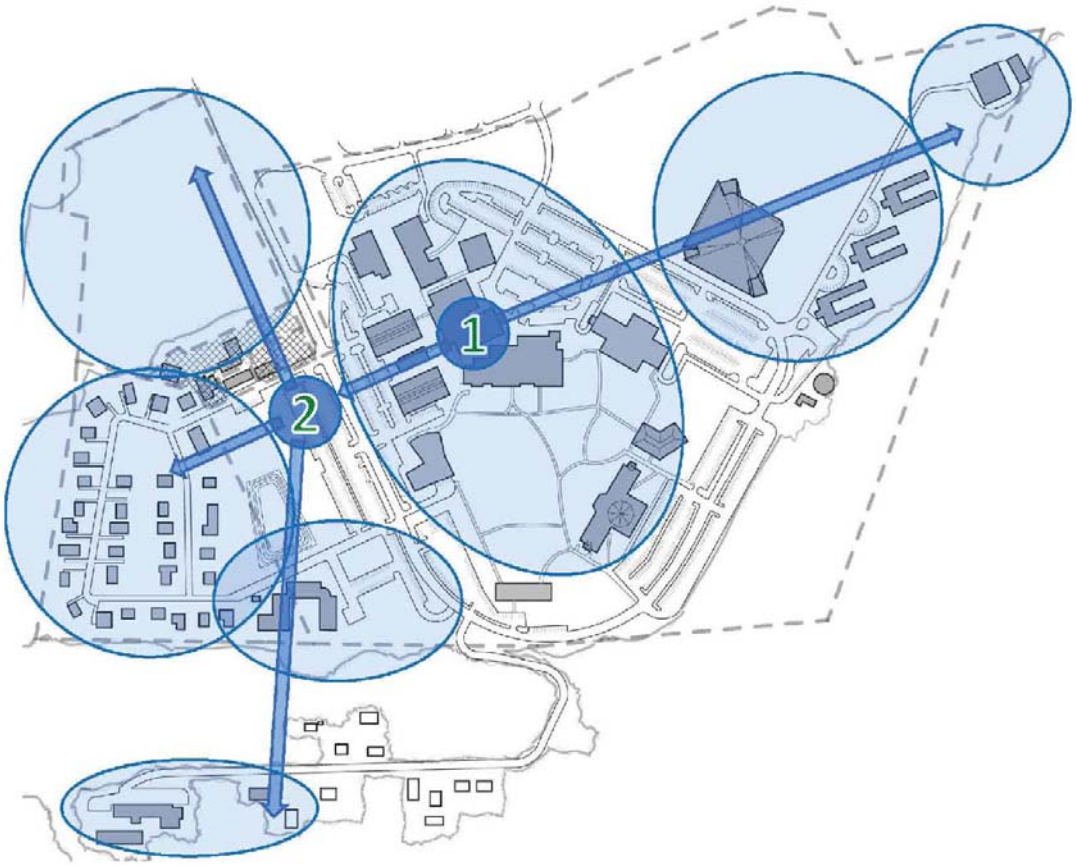
1960-69	1. Dean Circle	1964
	2. Fine Arts	1968
	3. Science Building	1968
	4. Dormitories	1970
	5. ROTC	1970
	6. Student Center*	1970
	7. Health Science	1970
1970-79	8. Marine Lab	1975
	9. Administration Building	1975
1980-89	10. Field House	1982
1990-99	11. WERI	1991
	12. Tan Siu Lin Building (RFK Memorial Library)	1992
	13. Computer Center	1992
	14. MARC	1992
	15. Warehouse A & B	1992
	16. English Language Institute	1992
	17. School of Education	1994
	18. CLASS	1995
	19. ALS	1995
	20. Staff Housing	1996
2000-09	21. Plant Maintenance	2000
	22. Jesus and Eugenia Leon Guerrero Building (SBPA and Administration)	2006

MARC & Computer Center Building

SUPPORTING ACADEMICS & RESEARCH

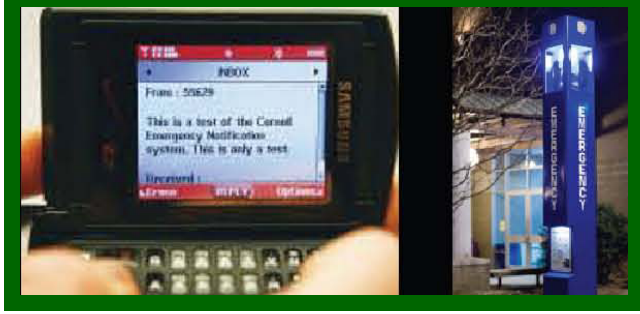
Vision 2025 outlines facility and infrastructure improvements necessary to meet the 21st century needs of academics and research. A majority of the campus facilities were constructed from the 1960's through the 1990's. Planning of these facilities could not anticipate the technological innovation and learning paradigms that have developed since the year 2000.

Vision 2025 establishes the framework for future facilities with goals for spatial flexibility and the incorporation of network and technology infrastructure to accommodate anticipated future growth and change. Vision 2025 maximizes the provision of collaborative and experiential learning environments necessary for 21st century education.



Network Improvement Diagram

Campus Safety Improvements



IMPROVING THE CAMPUS

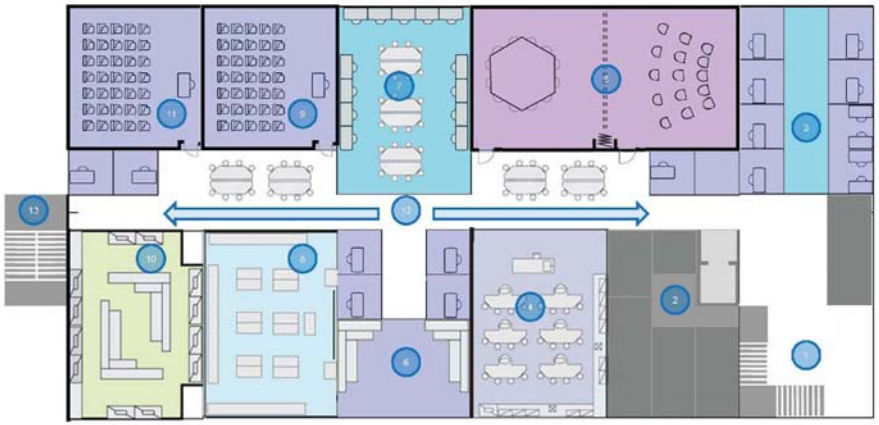
A key component of Vision 2025 is the upgrade of the University's network capabilities, which include:

1. Computer Center network infrastructure upgrades.
2. Creation of Computer Center 2 to establish a network hub for future development.

The incremental extension of the campus network and safety systems is intended with each phase of Vision 2025.

Improved campus safety is also intended with the University's technological improvements. Vision 2025 establishes the campus safety improvements including building access control and campus security upgrades.

Power, Water, Sewer, and Storm Drainage improvements are also part of Vision 2025.



PROTOTYPE
1. Entrance Lobby
2. Service Core
3. Office Suite
4. Science Lab
5. Seminar Room
6. Science Prep Room
7. Computer Lab
8. Science Lab
9. Classroom
10. Research Lab with Office Space
11. Classroom
12. Corridor / Collaboration Zone

A prototypical classroom building developed using the 1,200SF module. This example shows ten modules of programmable space (for classrooms/offices/labs) per floor. The programmable space does not include utility / circulation space.

SPACE MODULE CONFIGURATIONS

Classroom Type 1	
Science Lab (35+ students)	1,200 SF
Classroom Type 2	
Classroom (35+ students)	700 SF
Office Space (2 x 100 SF ea)	200 SF
Computer Labs	
40 Stations	1,200 SF
30 Stations	700 SF
Offices	
Type 1-Open Offices	
Work Area (16 x 40 SF ea.)	640 SF
Conference Room	140 SF
Circulation / Storage	420 SF
Type 2-Office Suite	
Private Offices (100 SF x 6)	600 SF
Staff Area	200 SF
Circulation / Storage	400 SF
Research Lab	
Laboratory Space	680 SF
Office Space	280 SF

Prototypical Classroom Building

Engineering Science Annex

21st CENTURY FACILITIES

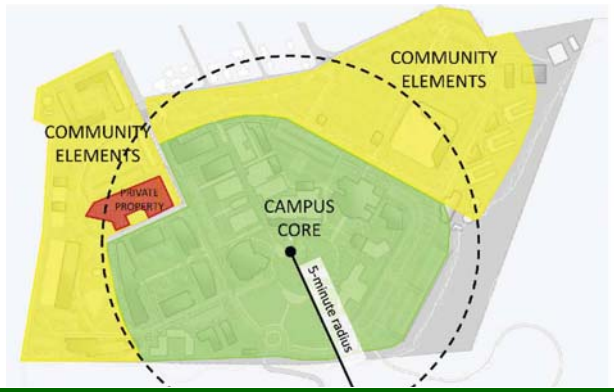
Vision 2025 plans for academic growth and change. The Engineering Science Annex is the first phase of the University's goal to expand its Engineering program, with the eventual creation of a School of Engineering.

Space planning for new buildings includes the provision of network facilities & infrastructure. Classroom buildings are intended to utilize a 1,200 SF space module to maximize flexibility in the layout of classrooms, computer labs, and offices. Collaborative and experiential learning throughout the University is the goal of Vision 2025.

Collaborative / Experiential Learning Environments

Mangilao Educational Economic Zone

Community Event at the Field House

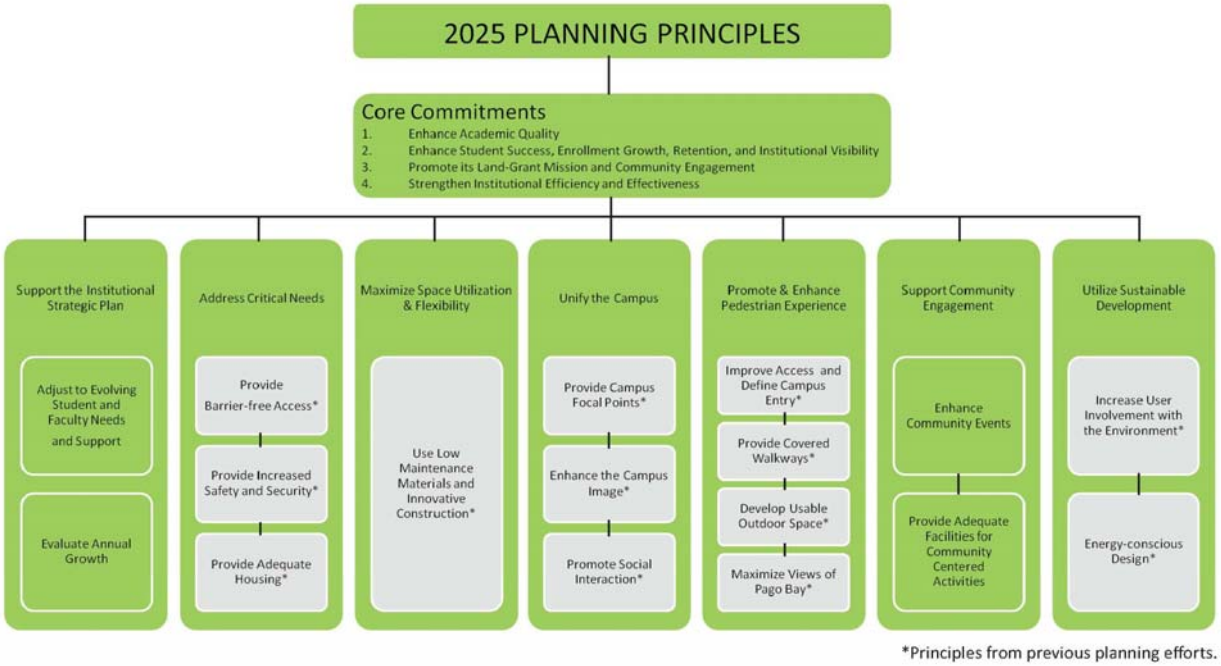


2025 Campus Concept

ENHANCING THE COMMUNITY

Vision 2025 simultaneously improves the University and the community overall. The University regularly serves as a venue for community activities and events. The University's Centers of Excellence along with the Small Business Development Center, and the Cooperative Extension provide much needed services to the community.

Vision 2025 intends to foster the economic potential of the University campus and its vicinity. The University in conjunction with the Guam Community College and George Washington High School comprise the center of the Mangilao Educational Economic Zone. This major center for education is located within the vicinity of growing residential areas. Development of the University will catalyze future development in the Mangilao area.



Planning Principles Diagram

MARC and the Center for Island Sustainability

VISION 2025 – PLANNING PRINCIPLES

The guiding elements of Vision 2025 are planning principles developed to carry out the University's Core Commitments and Strategic Initiatives. The University is founded on Core Commitments to enhance academic quality, student success, retention, and enrollment. The Core Commitments also include promoting the University's land-grant mission and community engagement, along with strengthening institutional visibility, efficiency, and effectiveness. The University's strategic initiatives include promoting the University as the natural choice for Guam and the region; developing a UOG Green campus that creates, inspires, and generates sustainable culture; and leading change as the nexus for information exchange, open discussion, and collaboration. Vision 2025's planning principles establish a general framework of goals that reinforce these Core Commitments and Strategic Initiatives, and serve as essential factors or components in the evolution of the University of Guam campus.

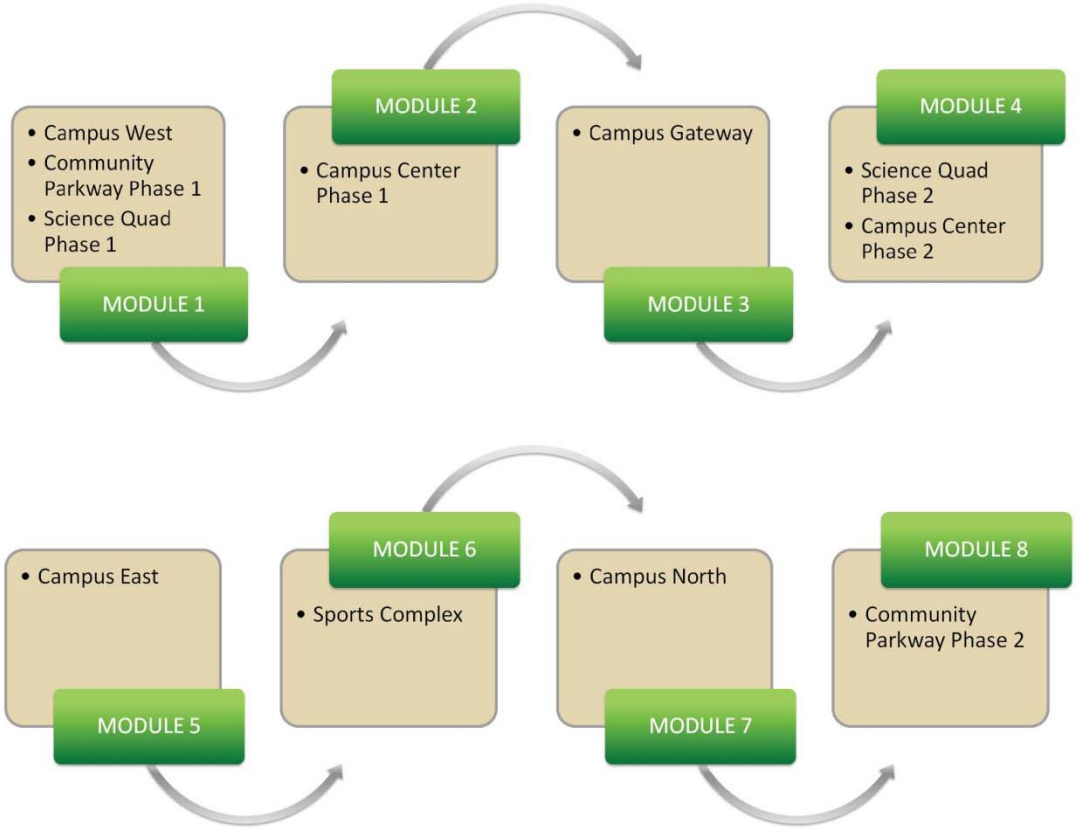
2025 Campus

ENDURING EXCELLENCE

The amount of development planned in Vision 2025 is ambitious, and goes beyond typical expectations. Within fifteen years, the University of Guam plans to double its student enrollment and enhance its service to Guam and the region. Inherent in this goal is the corresponding increase in the University's facilities, infrastructure, faculty, and staff. Guiding the University in achieving this goal, are the Core Commitments and Strategic Initiatives of the University. A concerted community effort will be needed to achieve Vision 2025, which sets forth the planned development of the University of Guam Campus to further enhance the University's excellence in academics, research, and community service.

Campus Entry & Presidents' Grove

Student Services Center



Development Modules Diagram

2025 Campus

VISION 2025 – DEVELOPMENT MODULES

Vision 2025 is comprised of Development Modules that scale down the overall campus development into cohesive and feasible projects. The development planned in Vision 2025 could not realistically be accomplished in a few large steps. Individual building and campus improvement projects alone would be major undertakings for the University. The Development Modules increase project feasibility with the intent of developing the campus with an economy of scale. The modules also consider planning parameters such as University priorities and needs, and logical construction sequencing.

MODULE 1

1. STUDENT SERVICES CENTER
   Expansion and Renovation. A one-stop location for student services to include common dining area, student meeting and socializing space, graduate studies and offices.

2. ENGINEERING SCIENCE ANNEX
   New building with 3 Classrooms, 4 Science Labs, Student Project Room, and Computer Lab. Will also house faculty offices and a conference room.

3. COMPUTER CENTER UPGRADES
   Renovation to create additional space for servers and equipment, offices and workspaces, and upgrade labs and seminar rooms.

4. CNAS SECURE RESEARCH FACILITY
   Two modules of Research Lab spaces and secured outdoor research plots.

5. TRITON ENGAGEMENT CENTER
   New building to house CEDDERS, TADEO, Cancer Research Center, WHO, and Conference Center.

6. FINE ARTS COMPLEX
   Renovation and expansion to upgrade theatre, music and art rooms, and house ISLA Center for the Arts.

7. GRADUATE DORMITORY PHASE 1
   80 Bedrooms with commercial space on 1st floor and pedestrian plaza along University Drive.

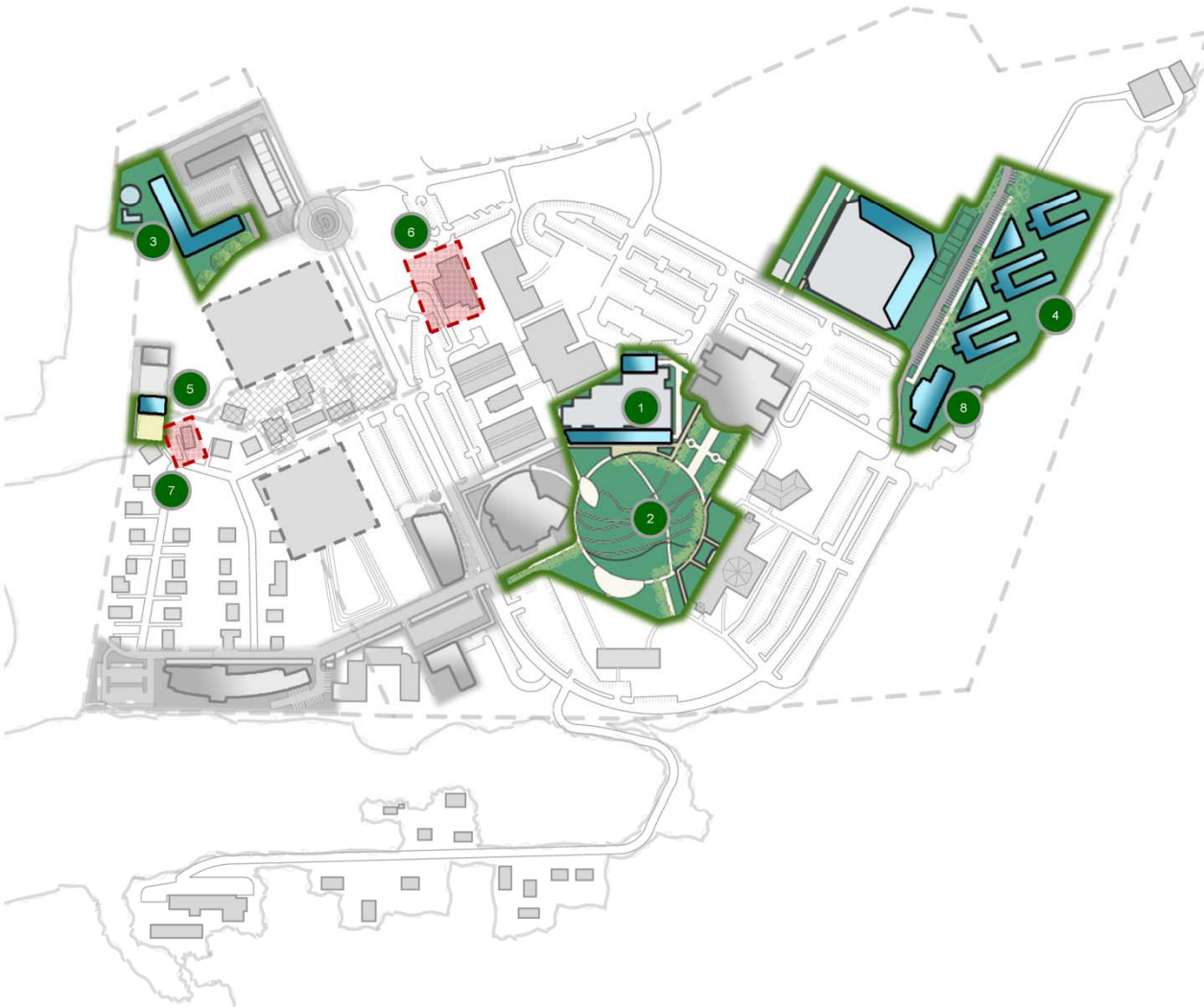
8. TEMPORARY PARKING
   Provided to accommodate modifications to current parking lots.

9. CLASSROOM BUILDING 1 – SCIENCE
   New building to include classrooms, instructional labs, research labs, and faculty offices.

10. WAREHOUSES A AND B DEMOLITION

11. MARC EXPANSION
   2nd Floor expansion of approximately 4,000SF.

12. KUBRE FACILITY
   Initially constructed as a classroom building and may be converted for sports activity use in the future.



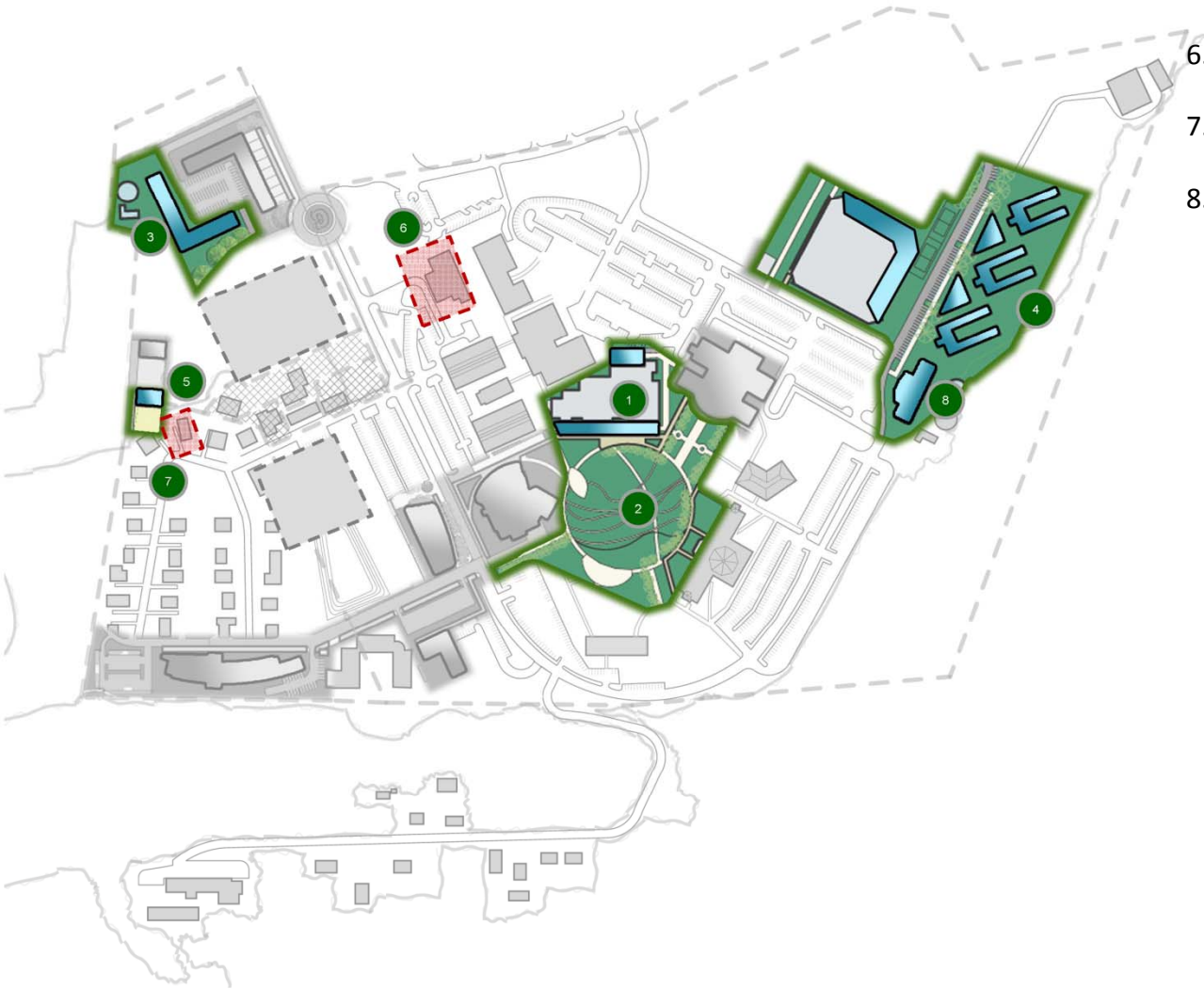
MODULE 2

1. RFK LIBRARY EXPANSION
   Additional space for Group Meeting Rooms, 24-hour Rooms, relocated staff lounge, and conference room.

2. CAMPUS QUAD IMPROVEMENTS
   Will include landscaped seating areas, performance area and covered walkways.

3. GRADUATE DORMITORY PHASE 2
   96 Bedroom single / double occupancy dormitory with classrooms and multi-purpose rooms.

4. UNDERGRADUATE DORMITORY RENOVATIONS; FIELD HOUSE EXPANSION
   2nd Floor units will be converted to a suite configuration and 1st floor units to be renovated. Construct new Dining Hall and Recreation Room.

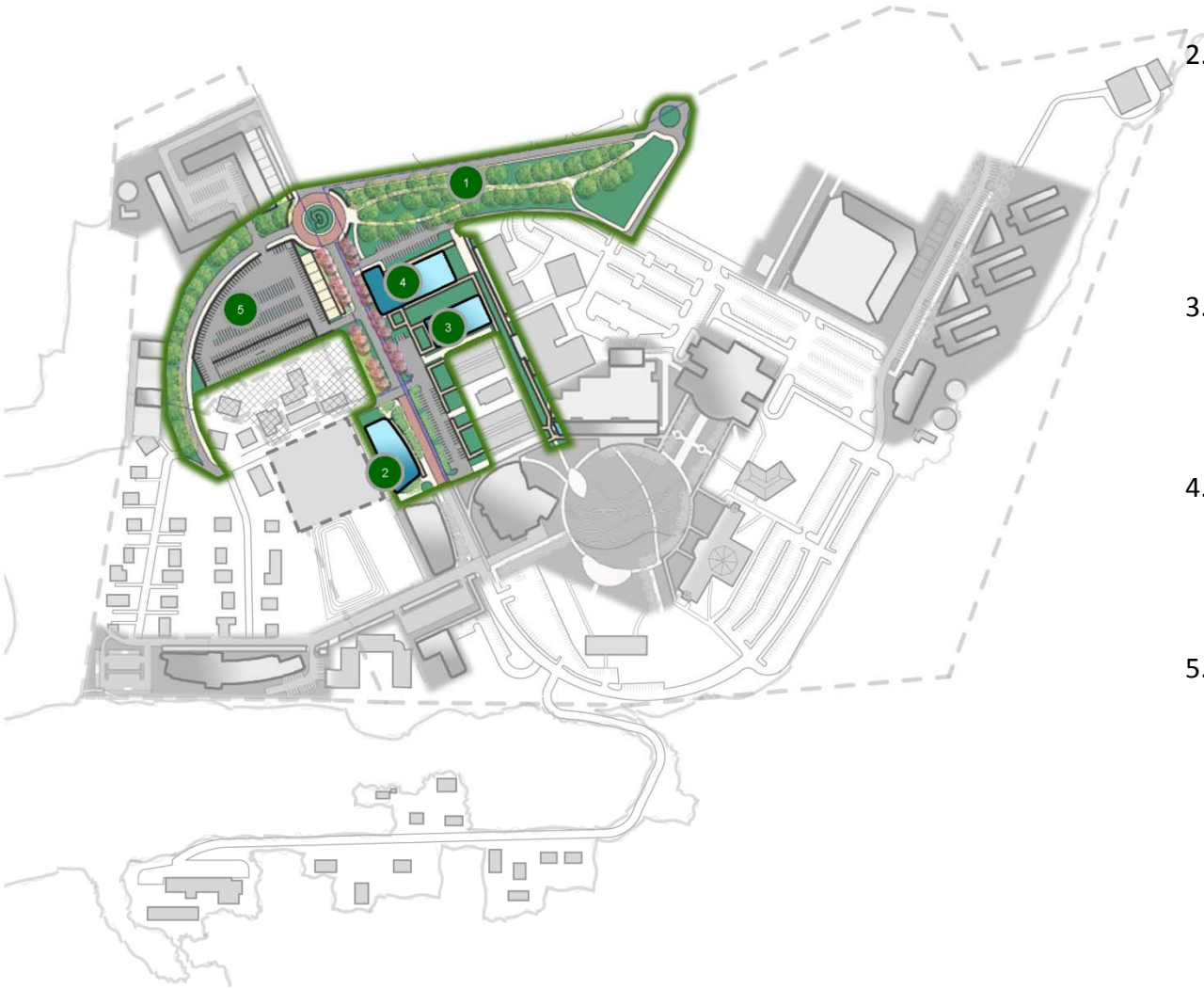


5. CNAS SECURE RESEARCH FACILITY
   Two modules of Research Lab spaces and secured outdoor research plots.

6. SCIENCE BUILDING DEMOLITION

7. HOUSE #15 DEMOLITION

8. MULTI-PURPOSE BUILDING (DORMITORY / CLASSROOM)
   New building with 100 student classroom, laundry facility, Kitchen and Dining facility, Medical and Physical Therapy exam rooms and offices, and Facility Manager and staff offices.



MODULE 3

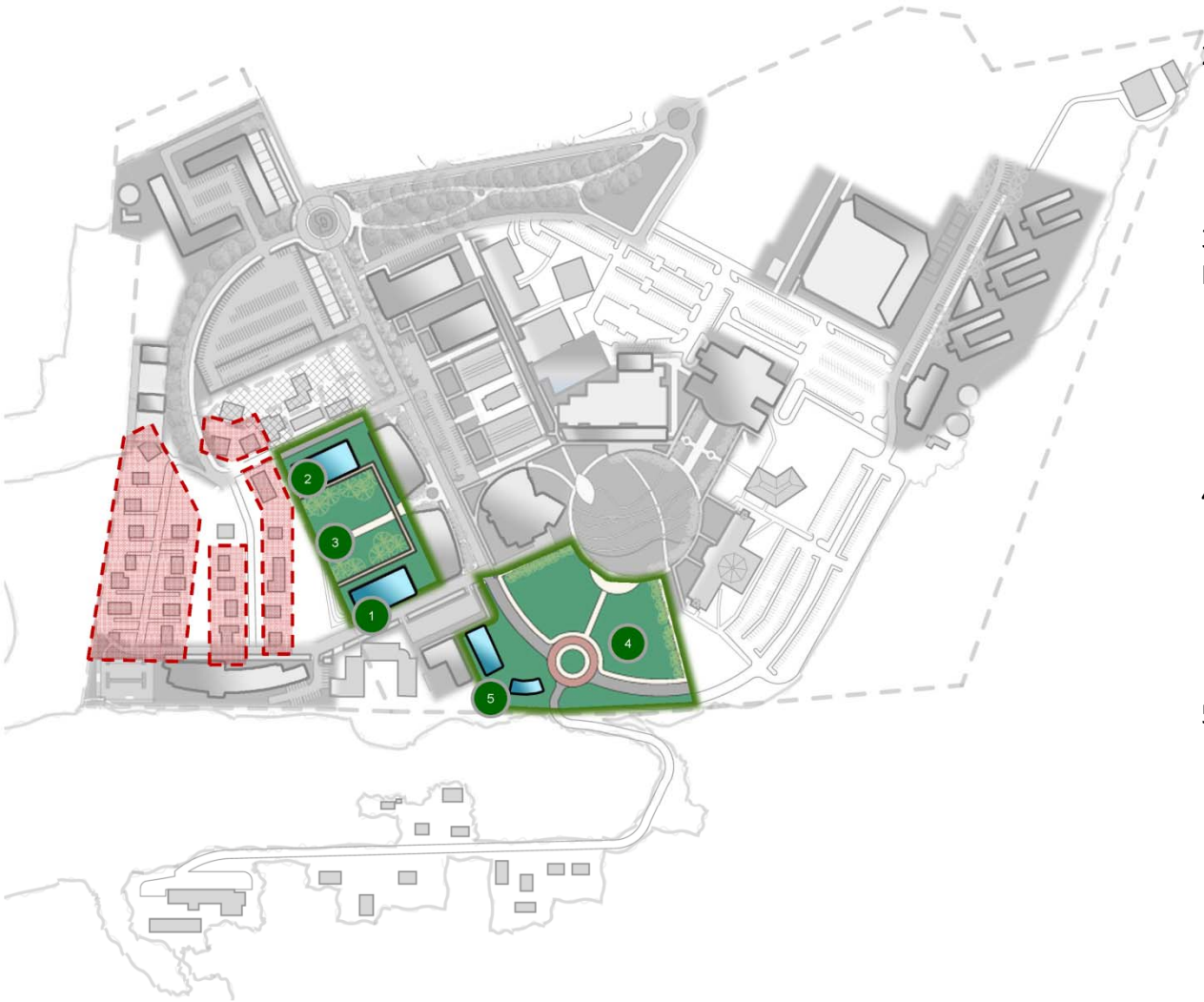
1. PRESIDENTS' GROVE IMPROVEMENTS
   Grove of Yoga Trees and landscaped pathways define the north edge of campus.

2. COMPUTER CENTER 2
   New building with classrooms, offices, computer labs and testing / seminar Lab. Building will be network / data hub for West Campus which will then tie to existing Computer Center.

3. CLASSROOM BUILDING 2
   Multi-use classroom building will have 14 Instructional Labs / Classrooms, research labs and offices.

4. ADMINISTRATION BUILDING
   New structure with large cashier and Support Services area, and will house Business Office, Human Resources Office and Administration.

5. PARKING STRUCTURE A / COMMERCIAL SPACE
   3-Story 840 stall parking structure with commercial space and pedestrian plaza along University Drive.



MODULE 4

1. CLASSROOM BUILDING 3—MATH
   New building with 14 instructional labs / classrooms, research labs and offices.

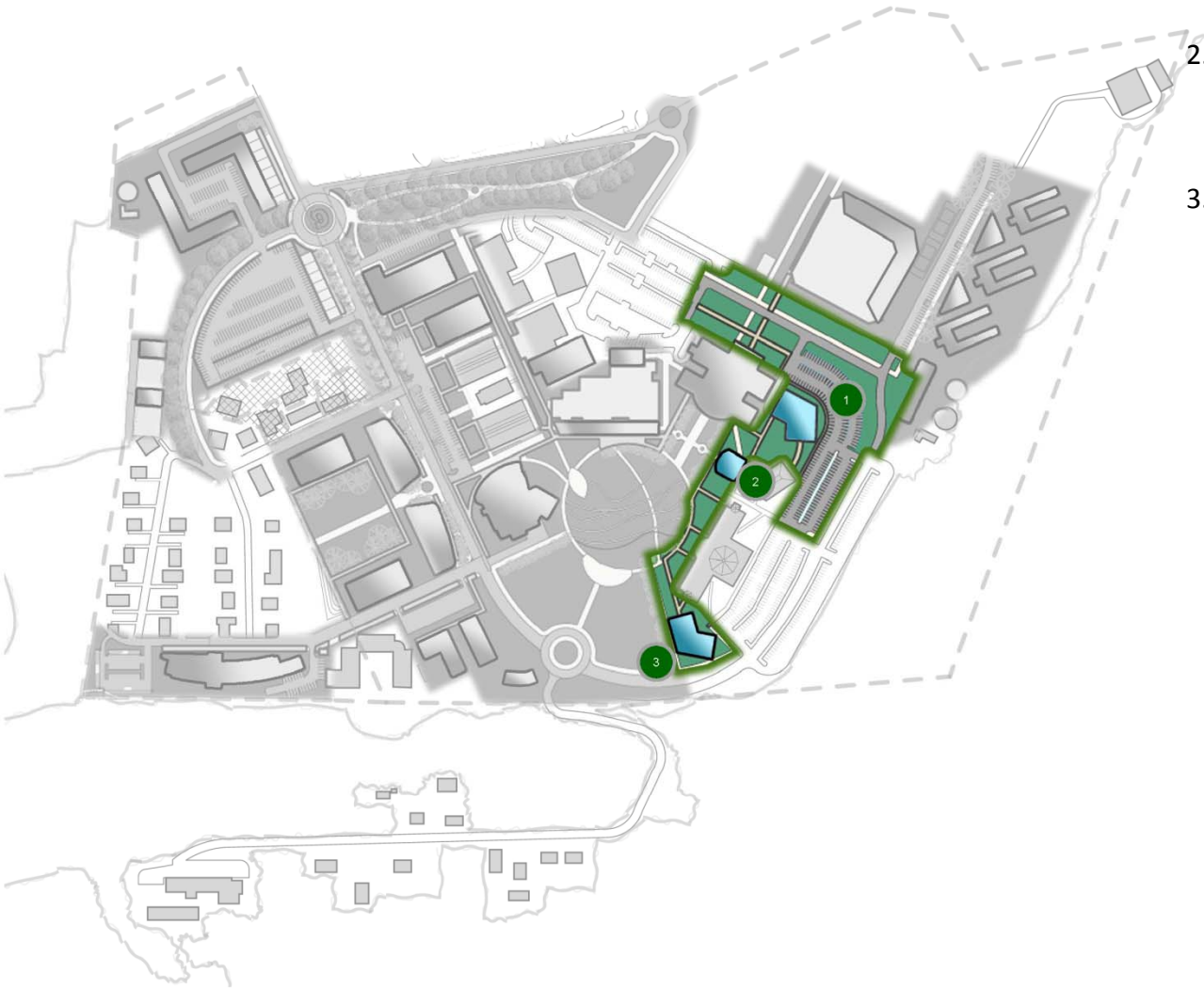
2. CLASSROOM BUILDING 4
   Multi-use classroom building will have 14 Instructional Labs / Classrooms, research labs and offices.

3. SCIENCE QUAD EXTERIOR IMPROVEMENTS / PARKING STRUCTURE D
   Science Quad improvements will include covered walkways and landscaped open areas with 460 stall parking structure below grade.

4. CAMPUS QUAD EXTERIOR IMPROVEMENTS
   Continue Campus Quad improvements with covered walkways, landscaped open space, and integrate round-about and textured pavement on J.U. Torres Drive.

5. FUTURE STRUCTURES—WERI FACILITY AND REFLECTION POINT
   New WERI Building will have lab, classrooms and office spaces. Reflection Point will be a landscaped open air pavilion.

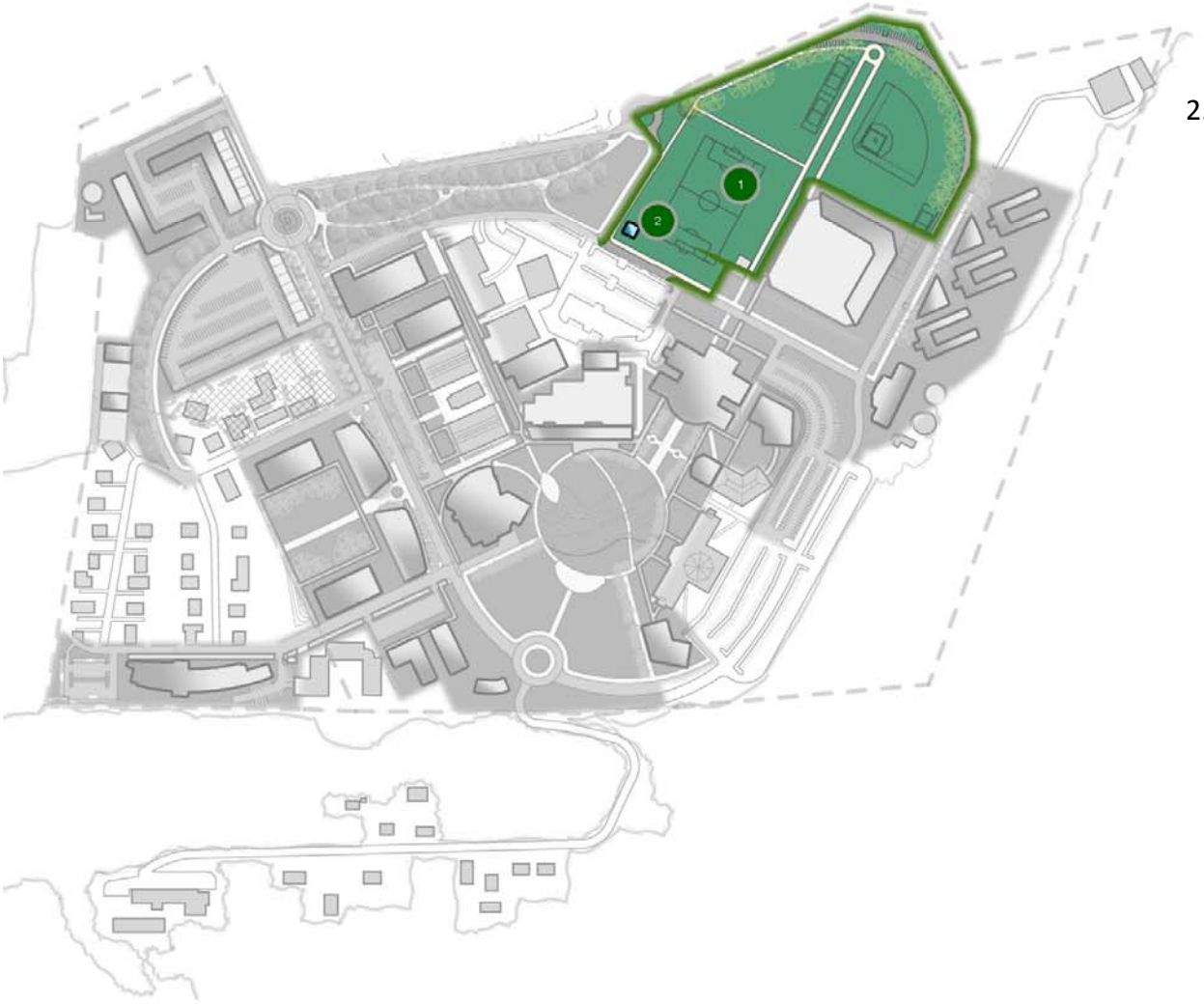
MODULE 5



1. CLASSROOM BUILDING 5—EDUCATION
   New building with 14 instructional labs / classrooms, research labs and offices.

2. CLASSROOM BUILDING 6—SOE EXPANSION
   New building with 5 instructional labs / classrooms, research labs and offices.

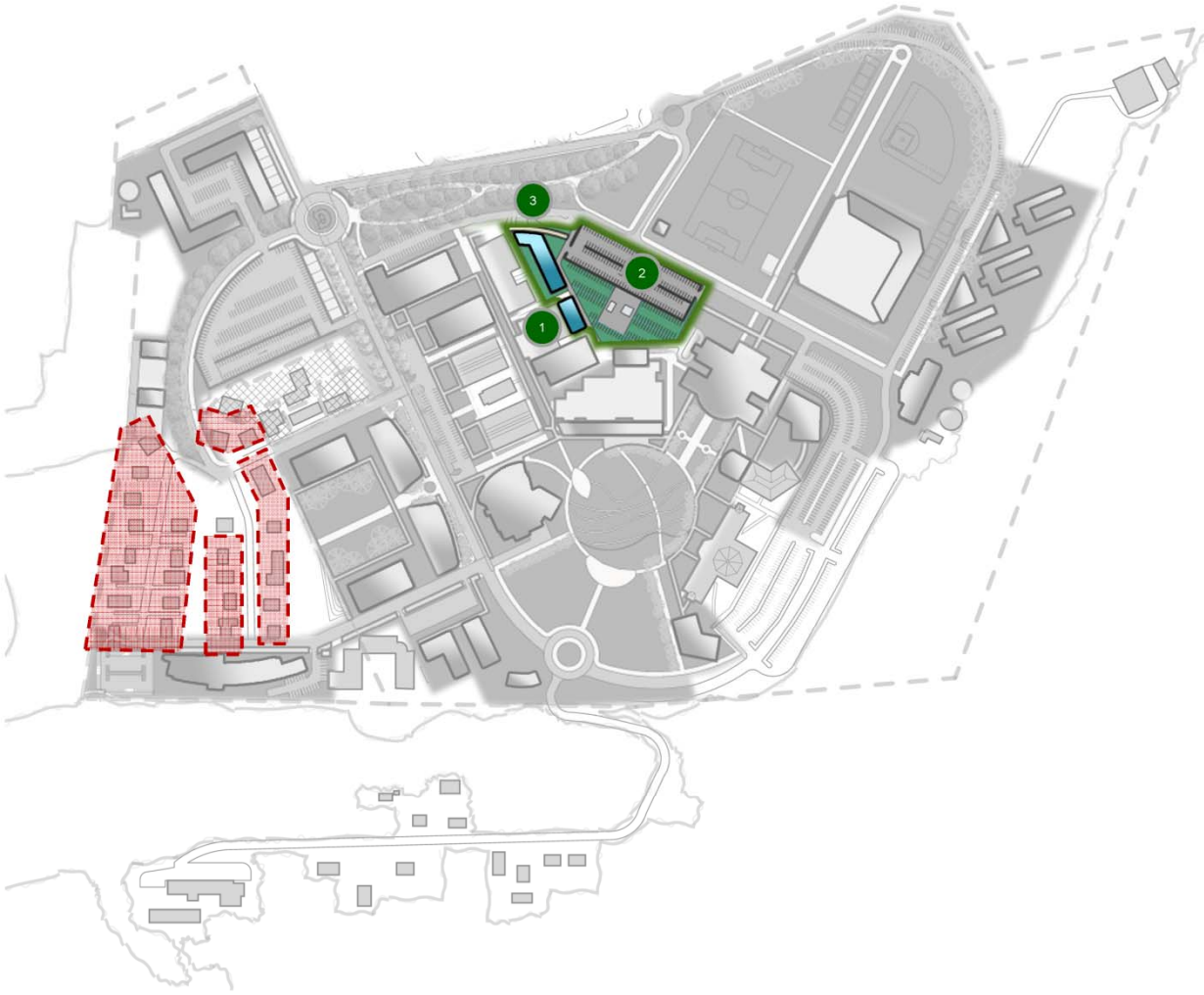
3. CLASSROOM BUILDING 7—SBPA EXPANSION
   New building with 14 instructional labs / classrooms, research labs and offices.



1. SPORTS FIELD CONSTRUCTION AND EXTERIOR IMPROVEMENTS
   Sports field to incorporate new sports field and sport courts, landscaped paths, seating areas, and concession kiosks.

2. ROTC RAPPELLING TOWER
   Rappelling Tower will serve dual purposes as a tower for ROTC and a sign board for the University.

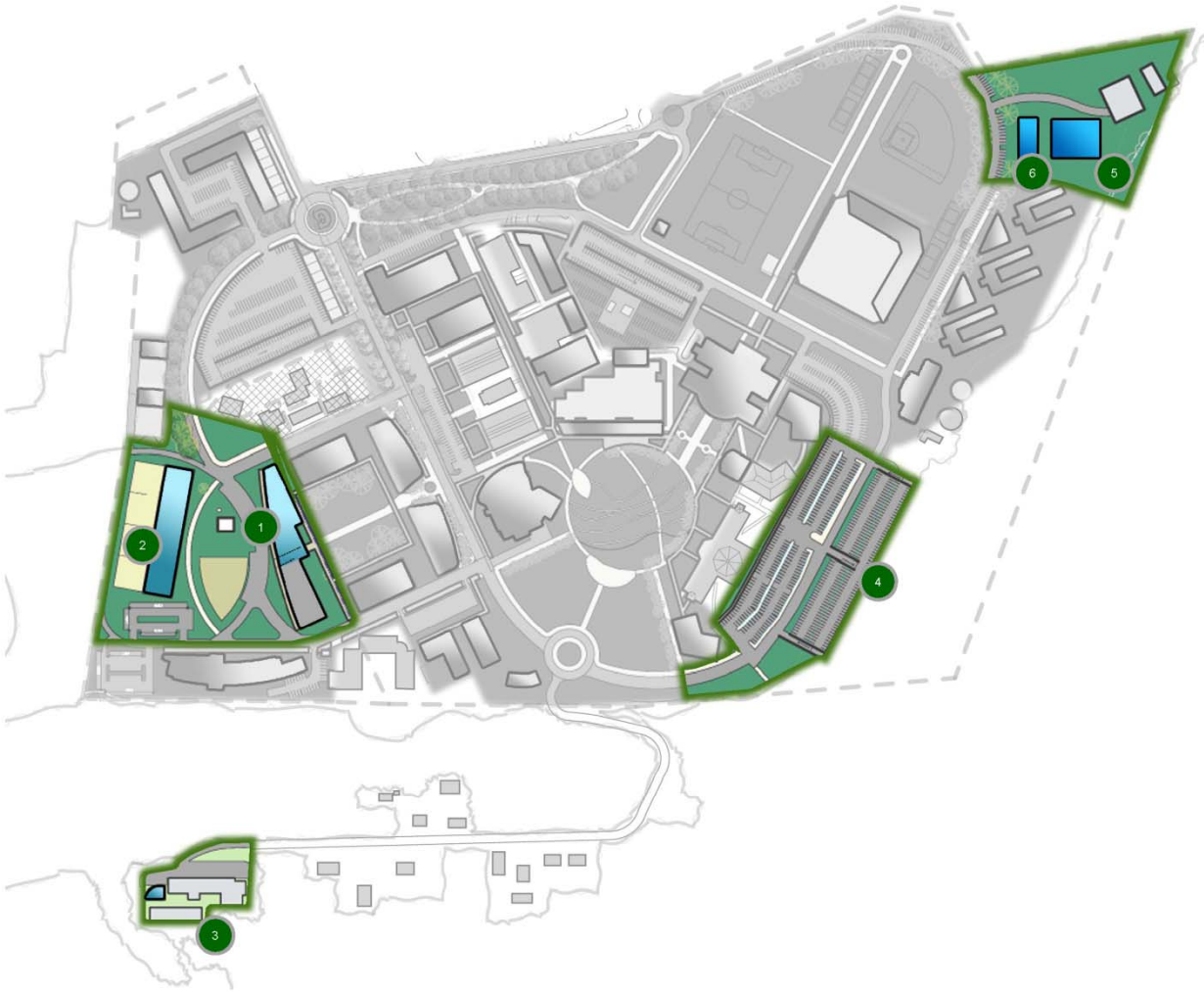
MODULE 7



1. MARC EXPANSION
   2-Story additions totaling 10,000SF of assignable area.

2. PARKING STRUCTURE B
   3-Story parking structure with 460 car capacity.

3. CLASSROOM BUILDING 8 - SNHS EXPANSION
   2-Story addition with 6,000SF of assignable area and a courtyard between existing SNHS and Expansion.



MODULE 8

1. PROFESSIONAL AND INTERNATIONAL PROGRAMS (PIP) FACILITY / COVERED PARKING
   3-Story Facility will house PIP, the Center for Island Sustainability (CIS), English Language Institute (ELI), UOG Endowment, and Emeritus Hall. A portion of the structure will be dedicated to covered parking.

2. CNAS RESEARCH FACILITY
   Single story building with research and teaching labs and 4 exterior research plots at 100'X100' each.

3. MARINE LAB EXPANSION
   Convert existing WERI Space to Marine Lab Expansion as Public Outreach and Extension Offices as well as storage and support spaces.

4. PARKING STRUCTURE C
   New 2-Story Parking Structure with a 500 car capacity.

5. WASTE/RECYCLABLES COLLECTION AND TRANSFER FACILITY
   15,000 SF facility for collection and sorting waste and recyclables.

6. RECORDS REPOSITORY FACILITY
   2-Story 10,000 SF facility for the storage and collection of University Documents.

2025 Campus

MAP KEY

1. Graduate Dormitory / Commercial Area
2. Presidents' Grove
3. Administration Building
4. Parking Structure A / Commercial Area
5. Classroom Building
6. Classroom Building - SNHS
7. Classroom Building - SNHS
8. Parking Structure B
9. MARC
10. Computer Center
11. Classroom Building - HSS
12. Lecture Hall - CLASS
13. Classroom Building - EC
14. Fine Arts Building
15. Tan Siu Lin Building (RFK Library)
16. Student Services Center
17. Field House
18. Classroom Building - SOE
19. Classroom Building - SOE
20. Jesus and Eugenia Leon Guerrero Building (SBPA)
21. Classroom Building - SBPA
22. Parking Structure C
23. Classroom Building - CNAS
24. Computer Center 2
25. Classroom Building
26. Classroom Building - CNAS
27. PIP Facility / Covered Parking
28. CIS House
29. Research Facility - CNAS
30. Secure Research Facility
31. Triton Engagement Center
32. Classroom Building - CNAS
33. Engineering Science Annex
34. WERI Facility
35. Reflection Point
36. Undergraduate Dormitory / ROTC
37. Undergraduate Dormitory
    a. Recreation Room
    b. Dining Hall
38. Plant Maintenance
39. Waste Collection Facility
40. Records Repository
41. Faculty Housing
42. Marine Lab
43. Multi Purpose Building
44. ROTC Rappelling Tower
45. KUBRE Facility
46. Science Quad / Parking Structure D

VISION 2025 ESTIMATED PROJECT COST SUMMARY			
PROJECT	2013 CONSTRUCTION COST*	A/E FEES*	TOTAL : Excludes Administrative, Relocation, Escalation, FFE, and GRT costs.
MODULE 1	$ 79,615,000	$ 6,432,000	$ 86,047,000
MODULE 2	$ 49,256,000	$ 3,480,600	$ 52,736,600
MODULE 3	$ 56,343,000	$ 3,961,800	$ 60,304,800
MODULE 4	$ 28,790,800	$ 2,189,540	$ 30,980,340
MODULE 5	$ 16,273,000	$ 1,116,950	$ 17,389,950
MODULE 6	$ 16,240,000	$ 974,000	$ 17,214,000
MODULE 7	$ 16,080,000	$ 1,031,100	$ 17,111,100
MODULE 8	$ 33,865,000	$ 2,379,480	$ 36,244,480
VISION 2025 GRAND TOTAL	$ 296,462,800	$ 21,565,470	$ 318,028,270

* Includes costs to achieve LEED Silver.

ESTIMATED PROJECT COSTS BY MODULE			
PROJECT	2013 CONSTRUCTION COST*	A/E FEES*	TOTAL : Excludes Administrative, Relocation, Escalation, FFE, and GRT costs.
MODULE 1	$ 79,615,000	$ 6,432,000	$ 86,047,000
Student Services Center	$ 19,166,000	$ 1,440,000	$ 19,540,000
Engineering Science Annex	$ 4,284,000	$ 440,000	$ 5,500,000
Computer Center Upgrades	$ 3,407,000	$ 225,000	$ 3,632,000
CNAS Secure Research Facility	$ 1,080,000	$ 108,000	$ 1,188,000
Triton Engagement Center	$ 18,000,000	$ 1,400,000	$ 19,400,000
Fine Arts Facility	$ 10,068,000	$ 880,000	$ 10,948,000
Graduate Dormitory Phase 1	$ 13,400,000	$ 937,000	$ 14,337,000
Temporary Parking	$ 250,000	$ 15,000	$ 265,000
Classroom Building 1	$ 7,780,000	$ 780,000	$ 8,560,000
Warehouse A&B Demolition	$ 60,000	$ 0	$ 60,000
MARC Expansion	$ 1,969,000	$ 197,000	$ 2,166,000
KUBRE Facility	$ 151,000	$ 10,000	$ 161,000

* Includes costs to achieve LEED Silver.

ESTIMATED PROJECT COSTS BY MODULE			
PROJECT	2013 CONSTRUCTION COST*	A/E FEES*	TOTAL : Excludes Administrative, Relocation, Escalation, FFE, and GRT costs.
MODULE 2	$ 49,256,000	$ 3,480,600	$ 52,736,600
RFK Library Expansion	$ 5,166,000	$ 413,000	$ 5,579,000
Campus Quad Improvements	$ 2,215,000	$ 133,000	$ 2,348,000
Graduate Dormitory Phase 2	$ 12,000,000	$ 840,000	$ 12,840,000
Undergraduate Dormitory Renovations	$ 17,030,000	$ 1,192,100	$ 18,222,100
Field House Expansion	$ 5,790,000	$ 405,000	$ 6,195,000
CNAS Secure Research Facility	$ 895,000	$ 89,500	$ 984,500
Multi-purpose Building	$ 5,840,000	$ 408,000	$ 6,248,000
Science Building Demolition	$ 300,000	$ 0	$ 300,000
House #15 Demolition	$ 20,000	$ 0	$ 20,000
MODULE 3	$ 56,343,000	$ 3,961,800	$ 60,304,800
Presidents' Grove Improvements	$ 3,640,000	$ 218,400	$ 3,858,400
Computer Center 2	$ 11,900,000	$ 950,000	$ 12,850,000
Classroom Building 2	$ 7,498,000	$ 599,000	$ 8,097,000
Administration Building	$ 9,805,000	$ 784,400	$ 10,589,400
Commercial Space & Parking Structure A	$ 23,500,000	$ 1,410,000	$ 24,910,000

* Includes costs to achieve LEED Silver.

ESTIMATED PROJECT COSTS BY MODULE			
PROJECT	2013 CONSTRUCTION COST*	A/E FEES*	TOTAL : Excludes Administrative, Relocation, Escalation, FFE, and GRT costs.
MODULE 4	$ 28,790,800	$ 2,189,540	$ 30,980,340
Classroom Building 3	$ 7,498,000	$ 525,000	$ 8,023,000
Classroom Building 4	$ 7,498,000	$ 525,000	$ 8,023,000
Science Quad Improvements	$ 9,760,000	$ 780,800	$ 10,540,800
WERI	$ 3,080,000	$ 293,000	$ 3,373,000
Campus Quad Improvements	$ 454,800	$ 25,740	$ 480,540
Reflection Center	$ 500,000	$ 40,000	$ 540,000
MODULE 5	$ 16,273,000	$ 1,116,950	$ 17,389,950
Classroom Building 5	$ 6,185,000	$ 432,950	$ 6,617,950
Classroom Building 6	$ 2,712,000	$ 189,000	$ 2,901,000
Classroom Building 7	$ 5,256,000	$ 368,000	$ 5,624,000
Exterior Improvements	$ 2,120,000	$ 127,000	$ 2,247,000
MODULE 6	$ 16,240,000	$ 974,000	$ 17,214,000
Sports Fields Improvements	$ 16,240,000	$ 974,000	$ 17,214,000
MODULE 7	$ 16,080,000	$ 1,031,100	$ 17,111,100
MARC Expansion	$ 2,130,000	$ 149,100	$ 2,279,100
Parking Structure B	$ 9,150,000	$ 549,000	$ 9,699,000
Classroom Building 8	$ 4,800,000	$ 333,000	$ 5,133,000

* Includes costs to achieve LEED Silver.

ESTIMATED PROJECT COSTS BY MODULE			
PROJECT	2013 CONSTRUCTION COST*	A/E FEES*	TOTAL : Excludes Administrative, Relocation, Escalation, FFE, and GRT costs.
MODULE 8	$ 33,865,000	$ 2,379,480	$ 36,244,480
PIP Facility	$ 12,430,000	$ 870,000	$ 13,300,000
CNAS Research Facility	$ 7,320,000	$ 585,000	$ 7,905,000
Marine Lab Expansion	$ 2,460,000	$ 197,000	$ 2,657,000
Parking Structure C	$ 8,900,000	$ 534,480	$ 9,434,480
Waste / Recyclable Collection & Transfer Facility	$ 1,742,000	$ 122,000	$ 1,864,000
Records Repository Facility	$ 1,013,000	$ 71,000	$ 1,084,000

* Includes costs to achieve LEED Silver.