

29 July 2013

Monthly Briefing
on the
Wyoming State Capitol Restoration and Renovation
Level I / Level II Design Studies

Thomas Whetstone, AIA, LEED AP BD+C

HDR Architecture, Inc.

George C. Skarmeas, PhD, AIA, NCARB, AICP

Preservation Design Partnership, LLC

Charlie Van Over, AIA

Plan One / Architects



Envelope Assessment



Envelope Assessment



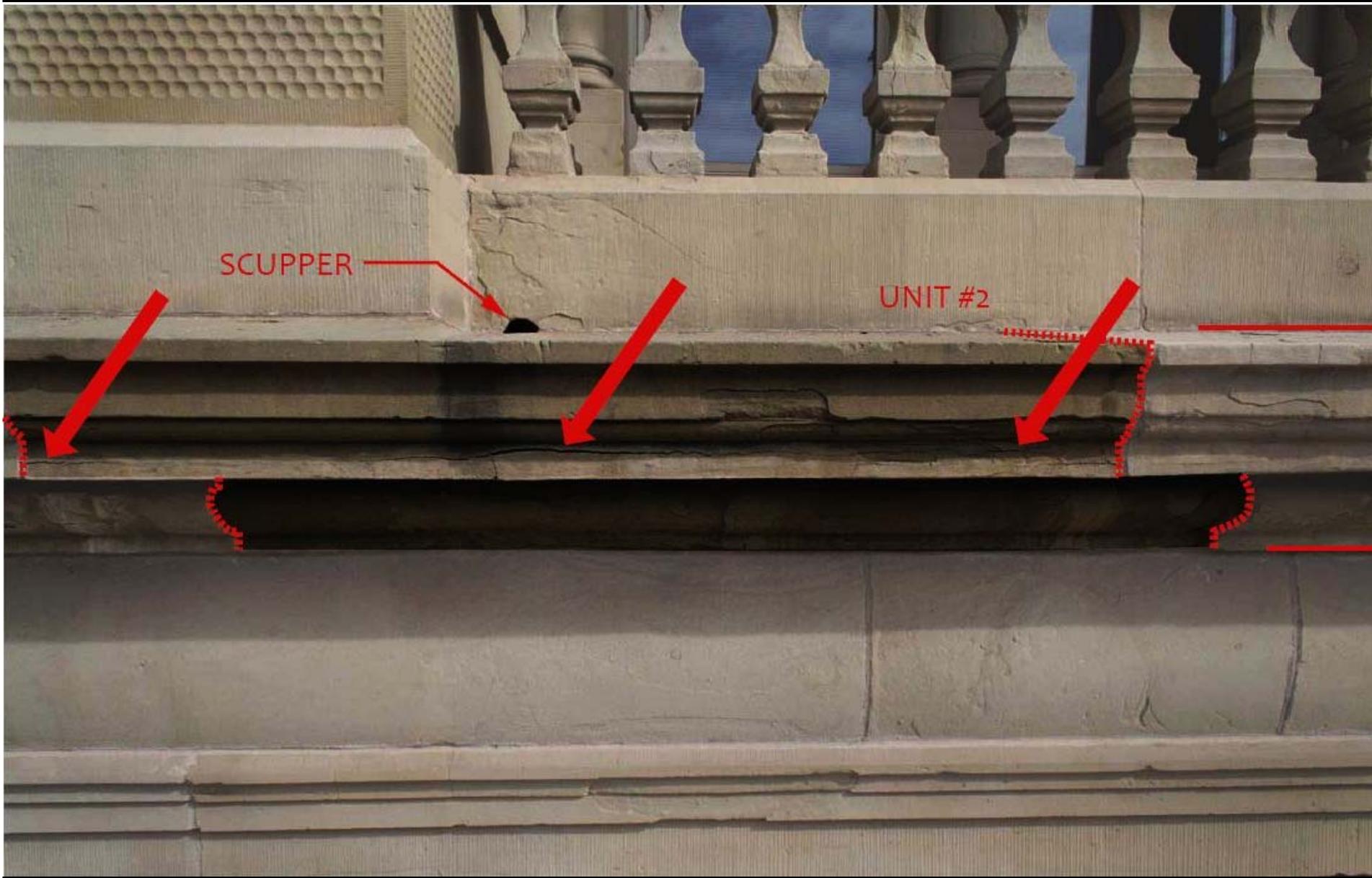
Envelope Assessment



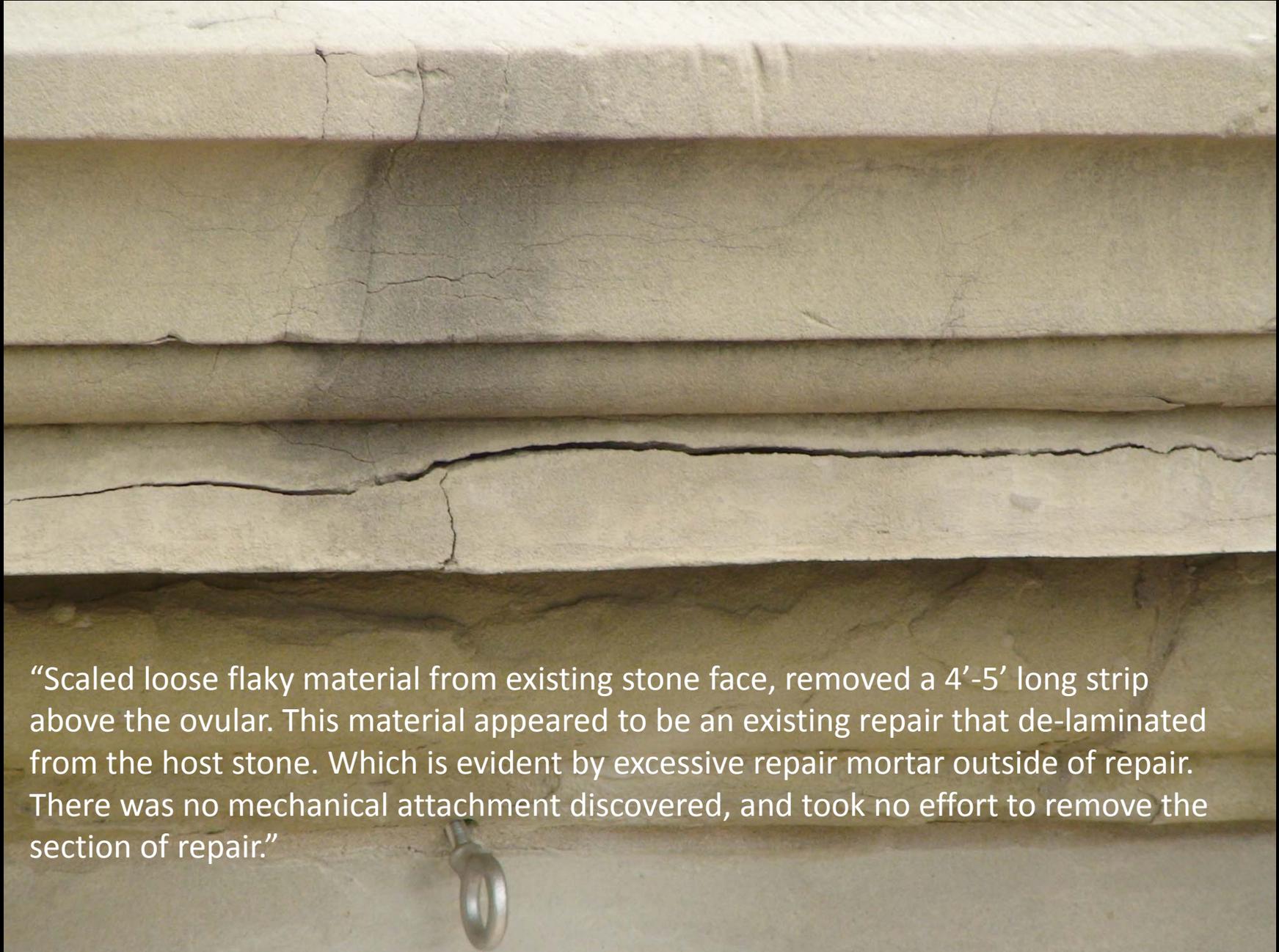
Cornice Stabilization



Cornice Stabilization



Cornice Stabilization



“Scaled loose flaky material from existing stone face, removed a 4’-5’ long strip above the ovular. This material appeared to be an existing repair that de-laminated from the host stone. Which is evident by excessive repair mortar outside of repair. There was no mechanical attachment discovered, and took no effort to remove the section of repair.”

Cornice Stabilization



Cornice Stabilization



Cornice Stabilization



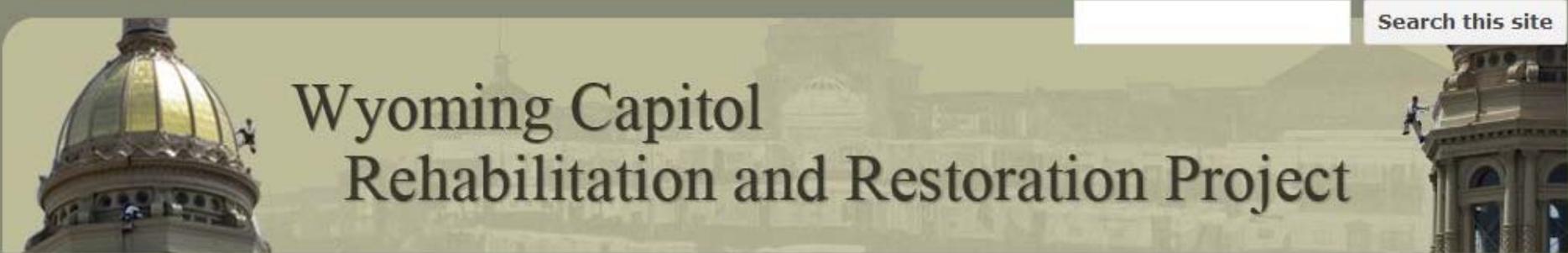
Cornice Stabilization



Employee and Public Meetings

Tuesday, July 30, 2013 – Herschler B-63

- State Employee Meetings – 1 Hour
 - 11 AM – Potential for last minute change in location
 - 3 PM
- Public Presentation – 2 Hours
 - 7 – 9 PM



- Home
- Calendar
- Design Team
- History
- Project Updates**
- Task Force

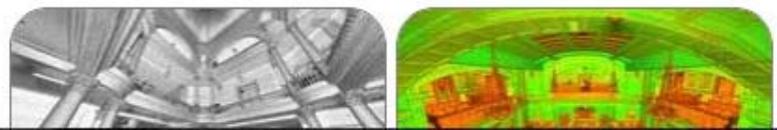
Project Updates

The project Design Team is led by HDR Architecture, Inc. in association with the Preservation Design Partnership, LLC (PDP) and Plan 1. The team is comprised of several entities all of which are nationally recognized experts in their respective fields. They bring to our project experience from several other Capitols and monumental national historic landmarks, similar to our own Capitol, a National Historic Landmark (NHL) and possibly the most significant structure in our state.

As you probably know, the building was completed in three distinct construction campaigns [1887 (Original portion of the building), 1890 (First Expansion) and 1917 (Second Expansion)] and some renovation work during the 20th century. Today, there is no comprehensive set of documents that delineates in a detailed and comprehensive way, how the building evolved over the years and how it reached its current state, from the exterior building envelope to the layout and from the roof to interior decorative finishes. The preparation of such set of documents is organized in two stages. The first stage is the field work and the second stage is the processing of the data in the office.

One of the activities that have already been completed is the field work associated with the creation of a comprehensive and highly accurate set of "as-found" conditions drawings. This is the first time in the 125 year history of the Capitol that such a comprehensive activity has been undertaken. This work is being performed by a firm called GBG. The technologies used for creating such drawings.

Laser Scanning



Managing for Sustainability at the (Colorado) State Capitol



Business School

UNIVERSITY OF COLORADO DENVER

MANAGING FOR SUSTAINABILITY PRESENTS
ACHIEVING HIGH PERFORMANCE
IN HISTORIC BUILDINGS



Innovative Alternative Energy and Efficiency Upgrades at the Colorado Capitol Complex

Wednesday, July 17, 2013

Doors open at 7:30 a.m.

Program: 8:00 a.m. to 10:00 a.m.
ending by 10:00 a.m.

Coffee and pastries will be served.

The Managing for Sustainability Program invites you to learn how energy conservation measures and alternative energy technologies have lowered operating costs and improved occupant comfort and safety at the Colorado Capitol. Particular emphasis will be placed on the recent ground source heating and cooling project. Experts will review the current state of geothermal technologies, applications, and energy potential in Colorado and beyond.



Gov. John Hickenlooper

Promoting energy efficiency and alternative energy in Colorado



U.S. Senator Mark Udall

Video: A national perspective on energy and what it means for Colorado



Sueann Ambron

Dean, Business School, University of Colorado Denver

The CU Denver Business School: Your Partner in Sustainability



Matt Rush

Regional Manager, Chevron Energy Solutions

Effective approaches to achieving high-performance in historic buildings in a dense urban setting



Lance Shepherd

Manager, Design and Construction Programs, Office of the State Architect—Colorado Department of Personnel & Administration

History of the Colorado Capitol Complex and review of the ground source heat pump project at the Capitol, including benefits, environmental impacts, and lessons learned



Mike Hillesheim

Senior Geothermal Systems Engineer, National Renewable Energy Laboratory

Challenges and opportunities of harnessing energy from the earth

Other Items – Questions...

- July 12, 2013 – Management Council
- July 17, 2013 – State Building Commission



July 29, 2013

LOGISTICS

- 1) MORNING SESSION
- 2) AFTERNOON SESSION
- 3) TODAY'S THEME:
UNDERSTAND / DEFINE THE PROBLEM

PROGRAMMING

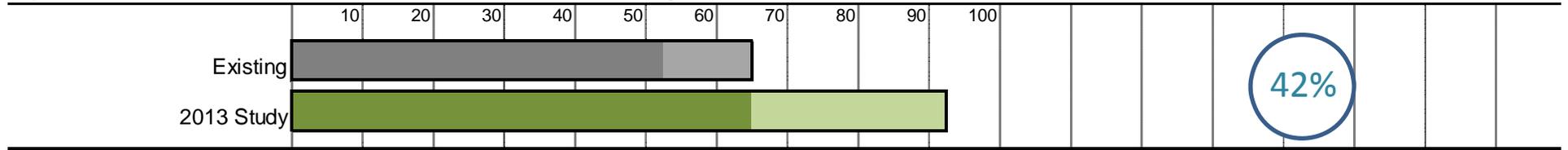
Staff Count Worksheet

					2025 Projection
		not in Capitol now	in Capitol now	desired in Capitol now	
1.00	SENATE				
	Senators		30	30	30
	Session Staff		28	28	28
	Subtotal		58	58	58
2.00	HOUSE				
	Legislators		60	60	60
	Session Staff		41	41	41
	Subtotal		101	101	101
3.00	LEGISLATIVE SERVICE OFFICE (LSO)				
	Total Staff		35	35	48
4.00	GOVERNOR				
	Total Staff	16	11	27	30
5.00	ATTORNEY GENERAL				
	Total Staff	na	6	6	6
6.00	SECRETARY OF STATE				
	Total Staff		31	31	35
7.00	STATE TREASURER				
	Total Staff		15	18	21
8.00	STATE AUDITOR				
	Total Staff		25	25	27
9.00	SUPERINTENDENT OF PUBLIC INSTRUCTION				
	Total Staff	6		8	9
	SUBTOTAL	22	282	309	335

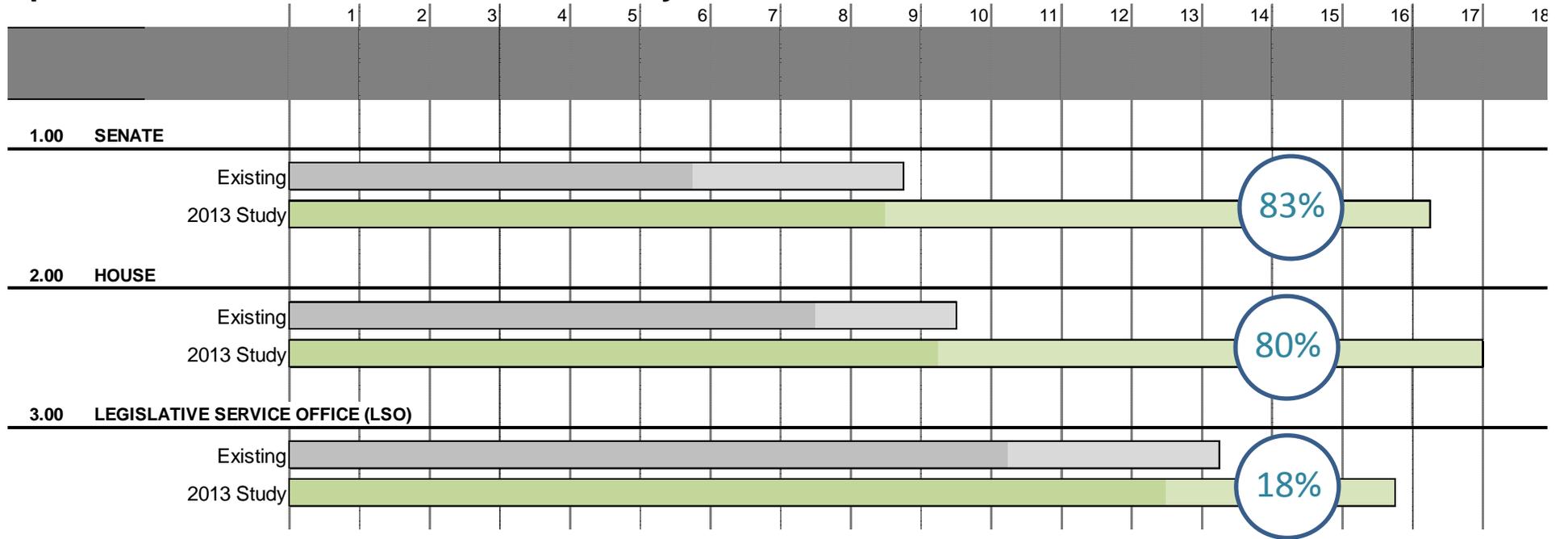
Space List Worksheet - Executive Summary

	EXISTING ASSIGNMENTS	2013 STUDY	Difference	% Change
	Total	Total		
1.00 SENATE	8,836	16,212	7,376	83%
2.00 HOUSE	9,512	17,134	7,622	80%
3.00 LEGISLATIVE SERVICE OFFICE (LSO)	13,355	15,714	2,359	18%
4.00 GOVERNOR	7,448	8,908	1,460	20%
5.00 ATTORNEY GENERAL	1,928	2,930	1,002	52%
6.00 SECRETARY OF STATE	7,420	10,016	2,596	35%
7.00 STATE TREASURER	5,803	7,264	1,461	25%
8.00 STATE AUDITOR	6,747	6,762	15	0%
9.00 SUPERINTENDENT OF PUBLIC INSTRUCTION	1,672	3,266	1,594	95%
10.00 COMMON	1,485	3,020	1,535	103%
TOTAL ASSIGNABLE	64,206	91,226	27,020	42%
TOTAL CAPITOL	60,113	91,226	31,113	52%

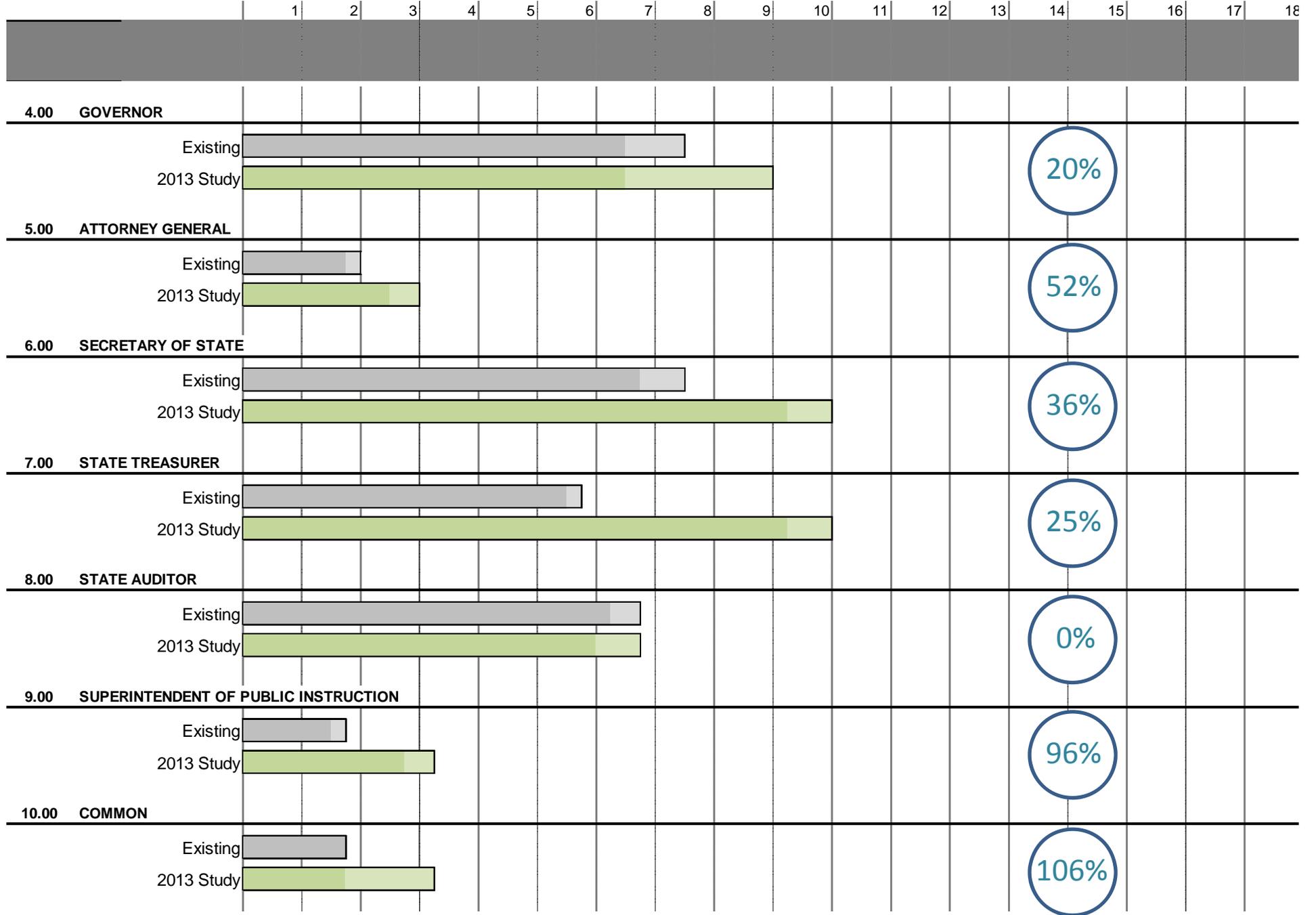
Space List Worksheet - Executive Summary



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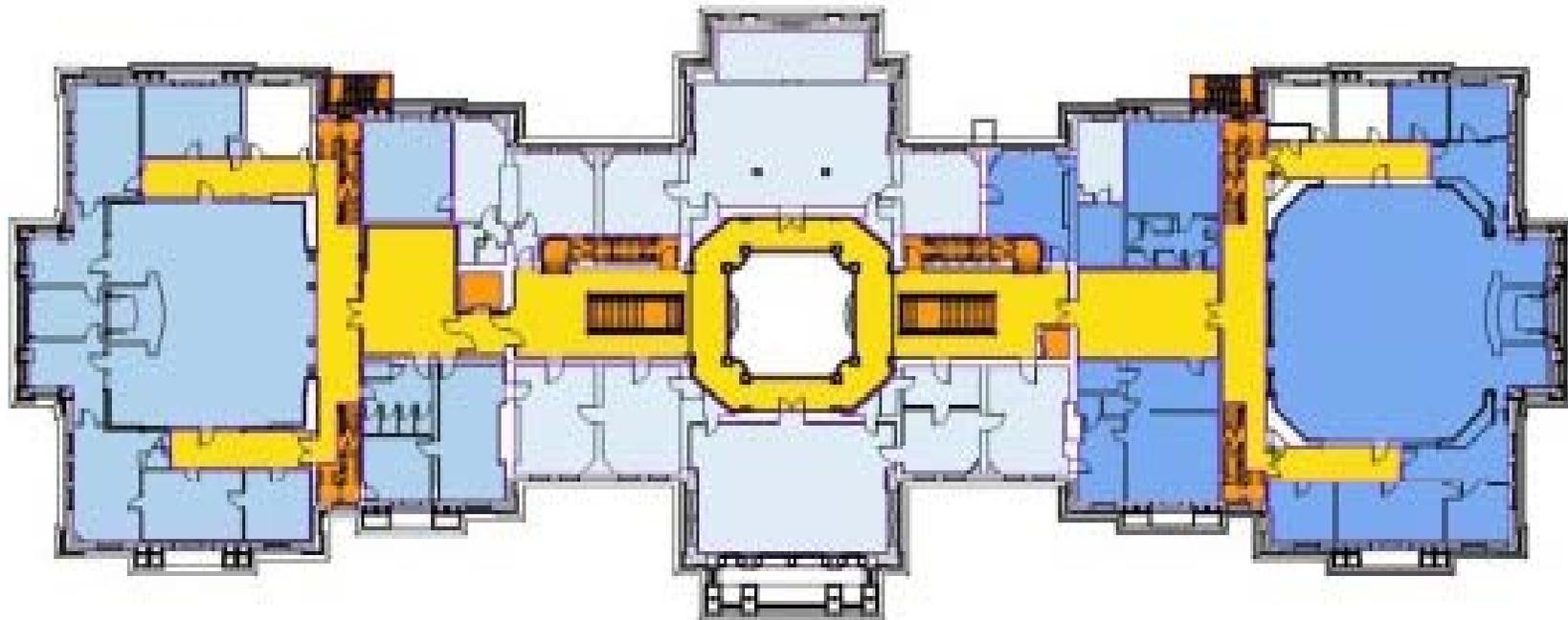
GARDEN LEVEL



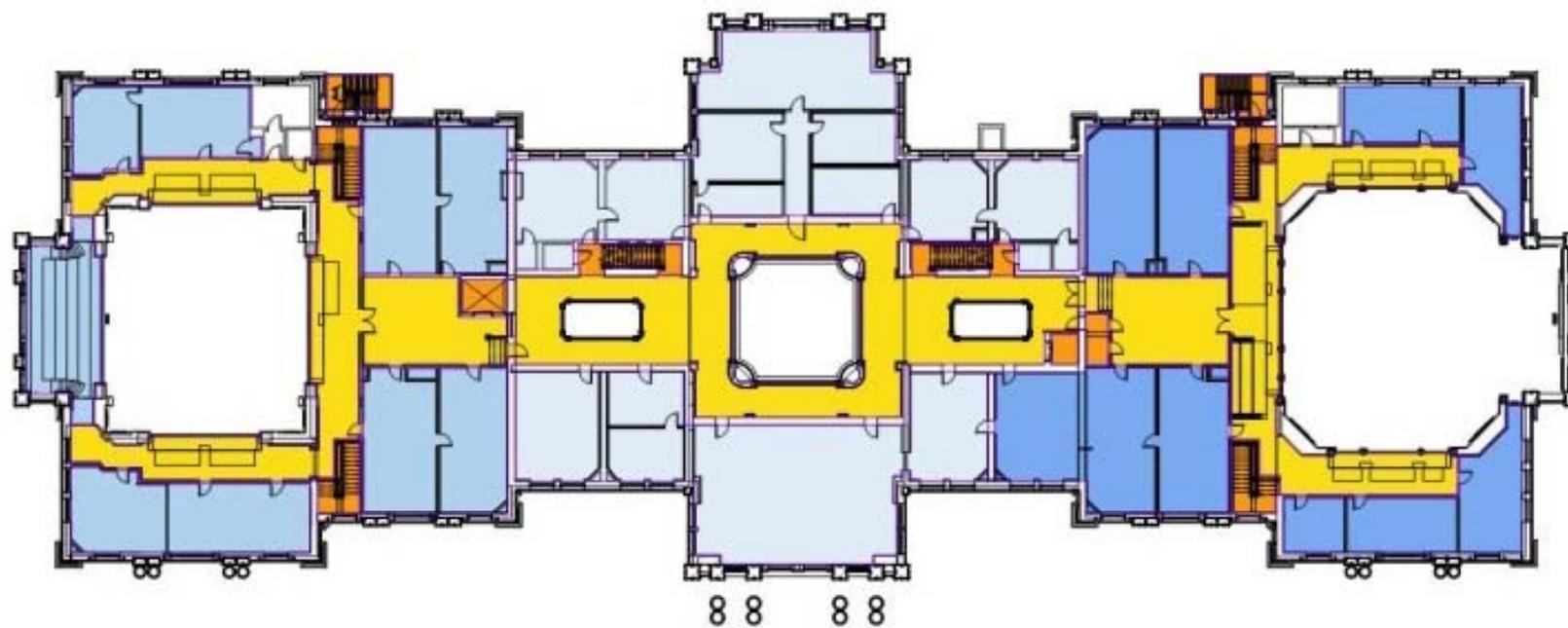
1st FLOOR



2nd FLOOR

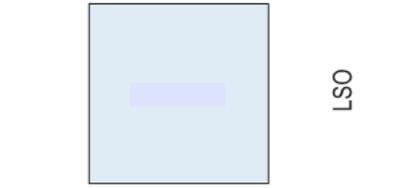
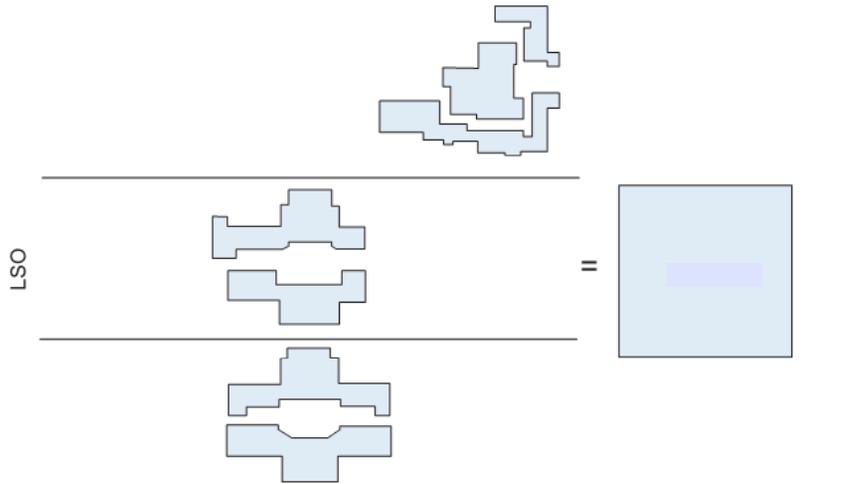
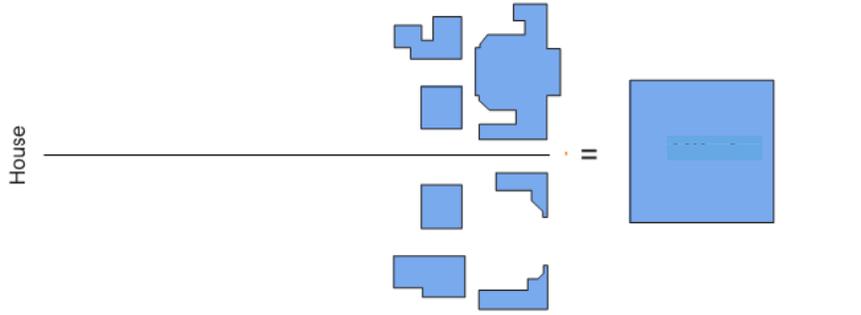
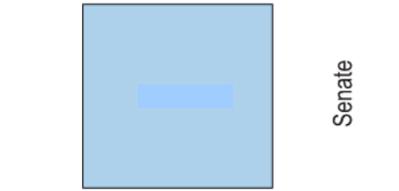
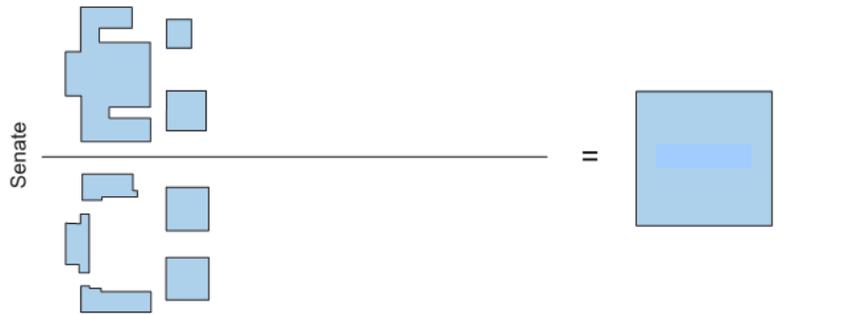


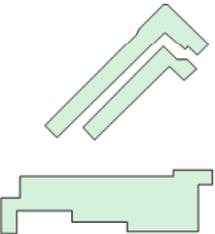
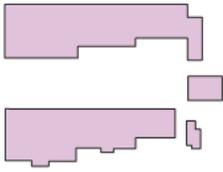
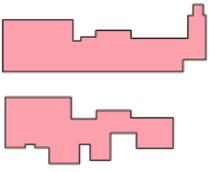
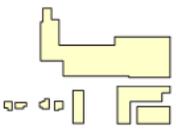
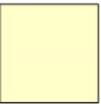
3rd FLOOR



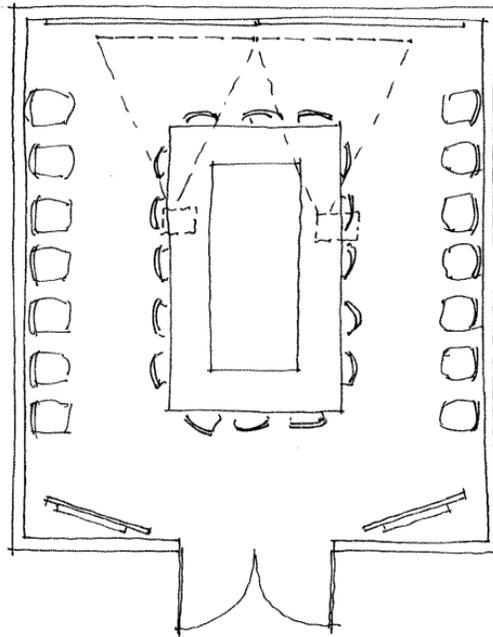
Existing Program

2013 Planned Program

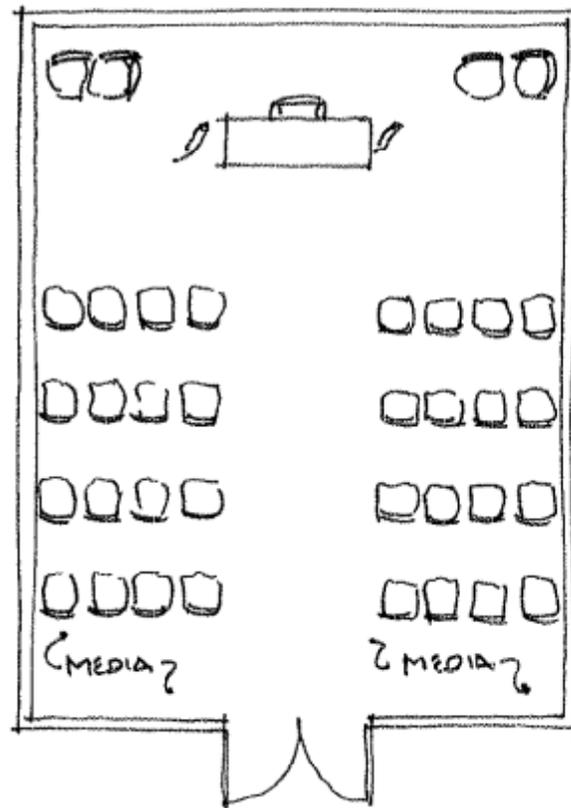


	Existing Program		2013 Planned Program	
Governor		=		Governor
Attorney General		=		Attorney General
Secretary of State		=		Secretary of State
Auditor		=		Auditor
Treasurer		=		Treasurer

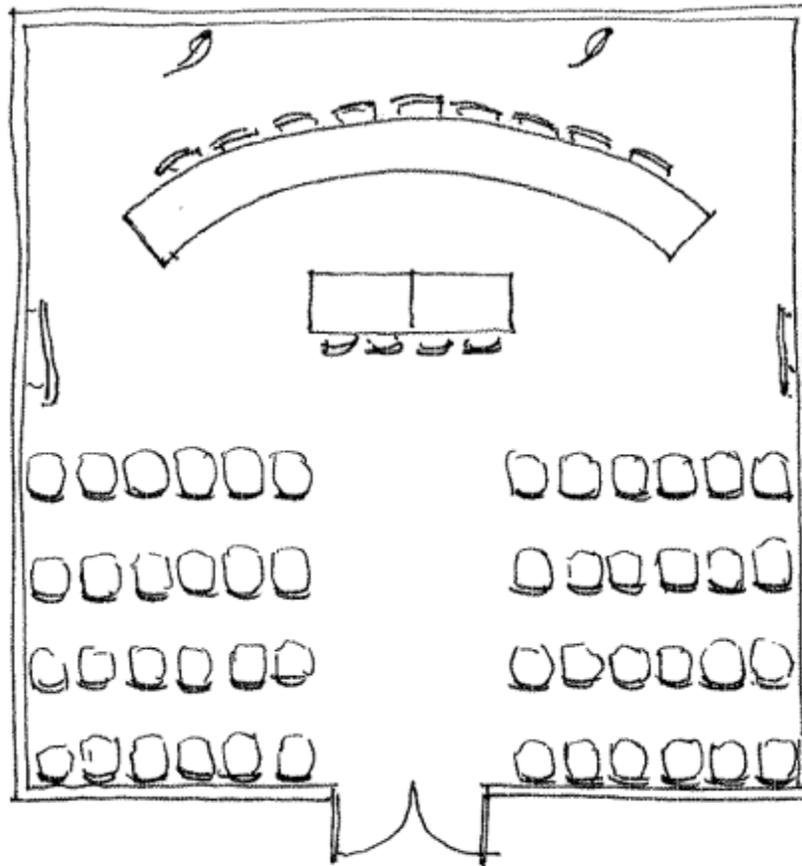
CONFERENCE ROOM – 350 NASF



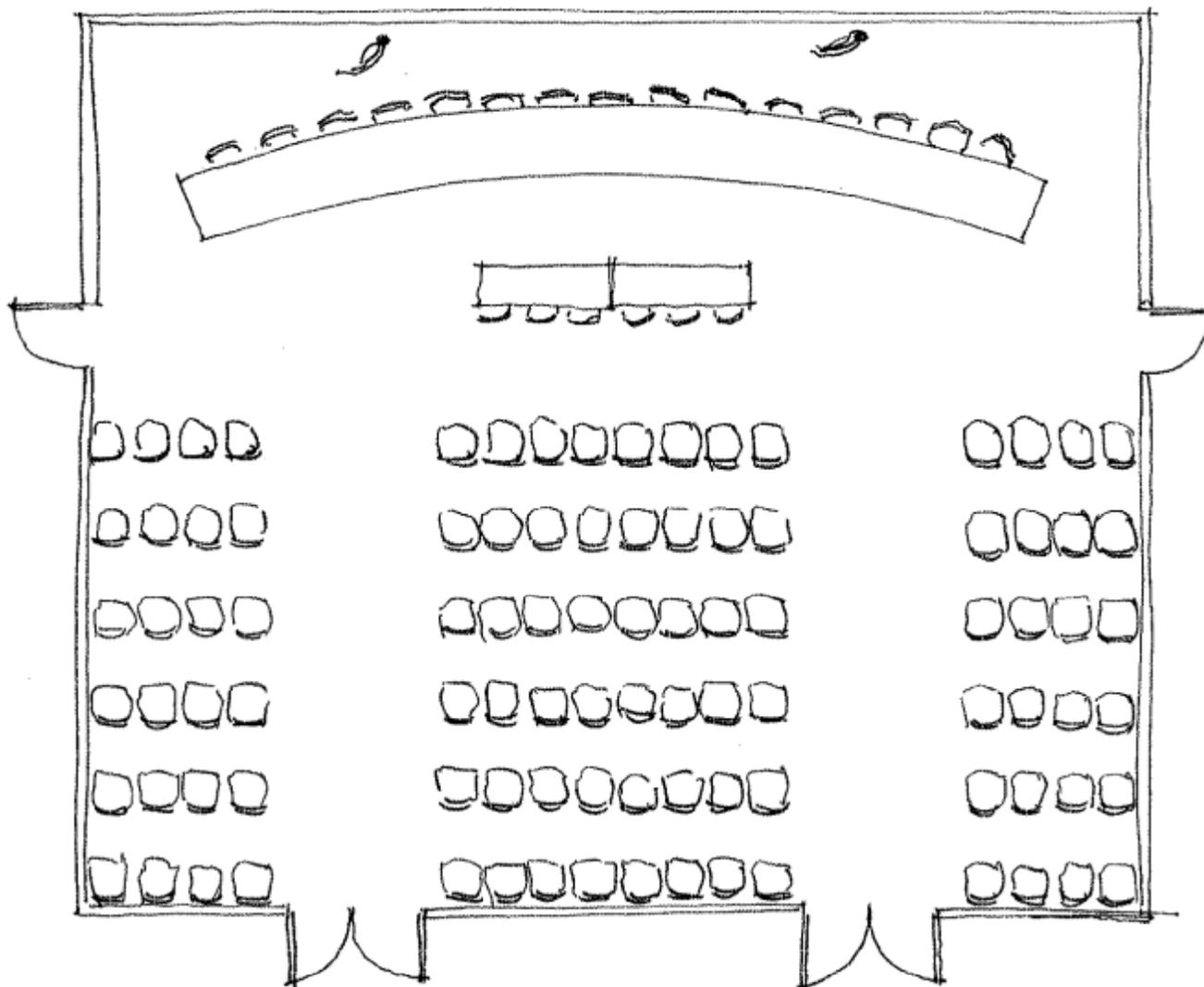
CEREMONIAL CONFERENCE ROOM – 650 NASF



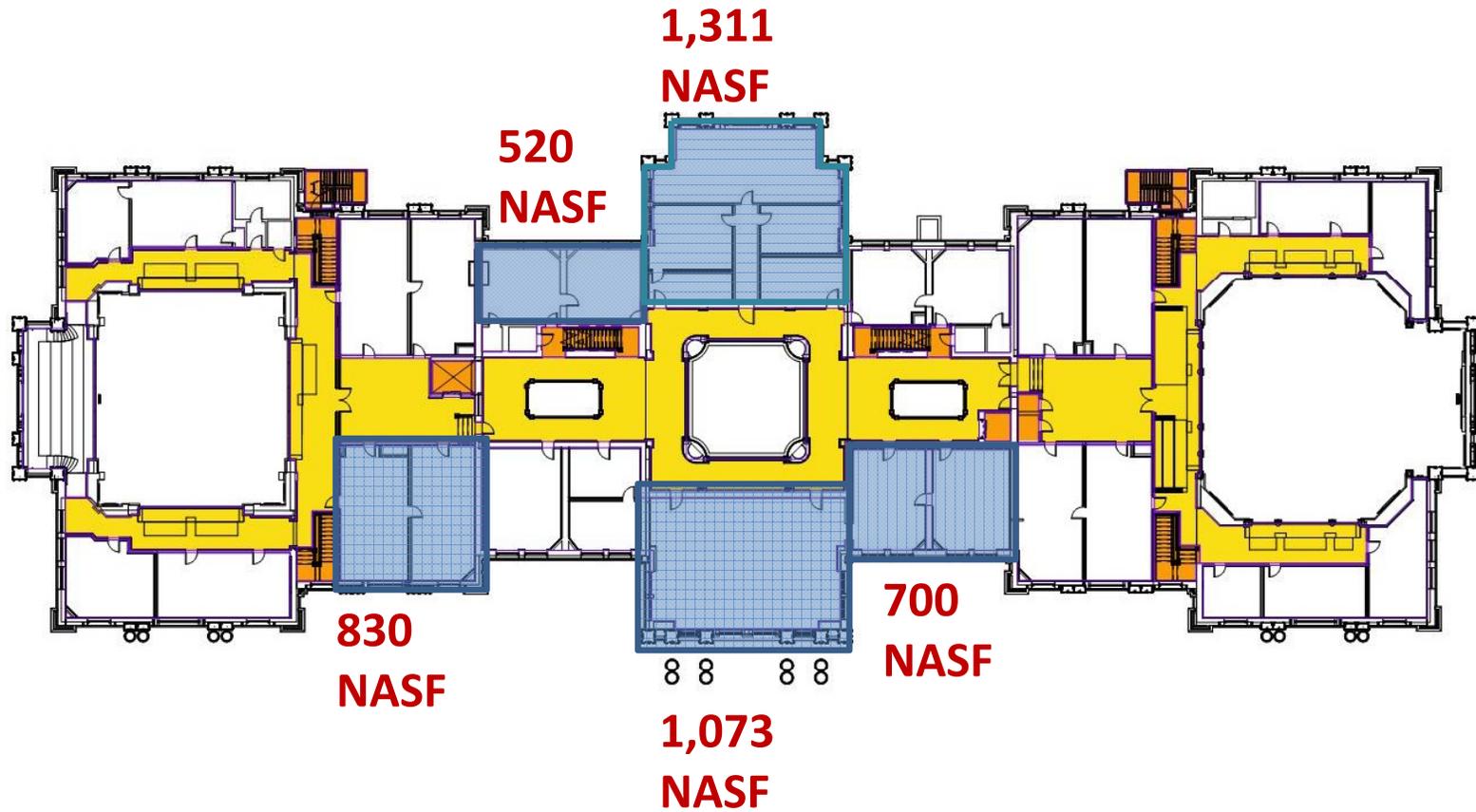
COMMITTEE ROOM – 1,000 NASF



COMMITTEE ROOM – 1,900 NASF



3rd FLOOR



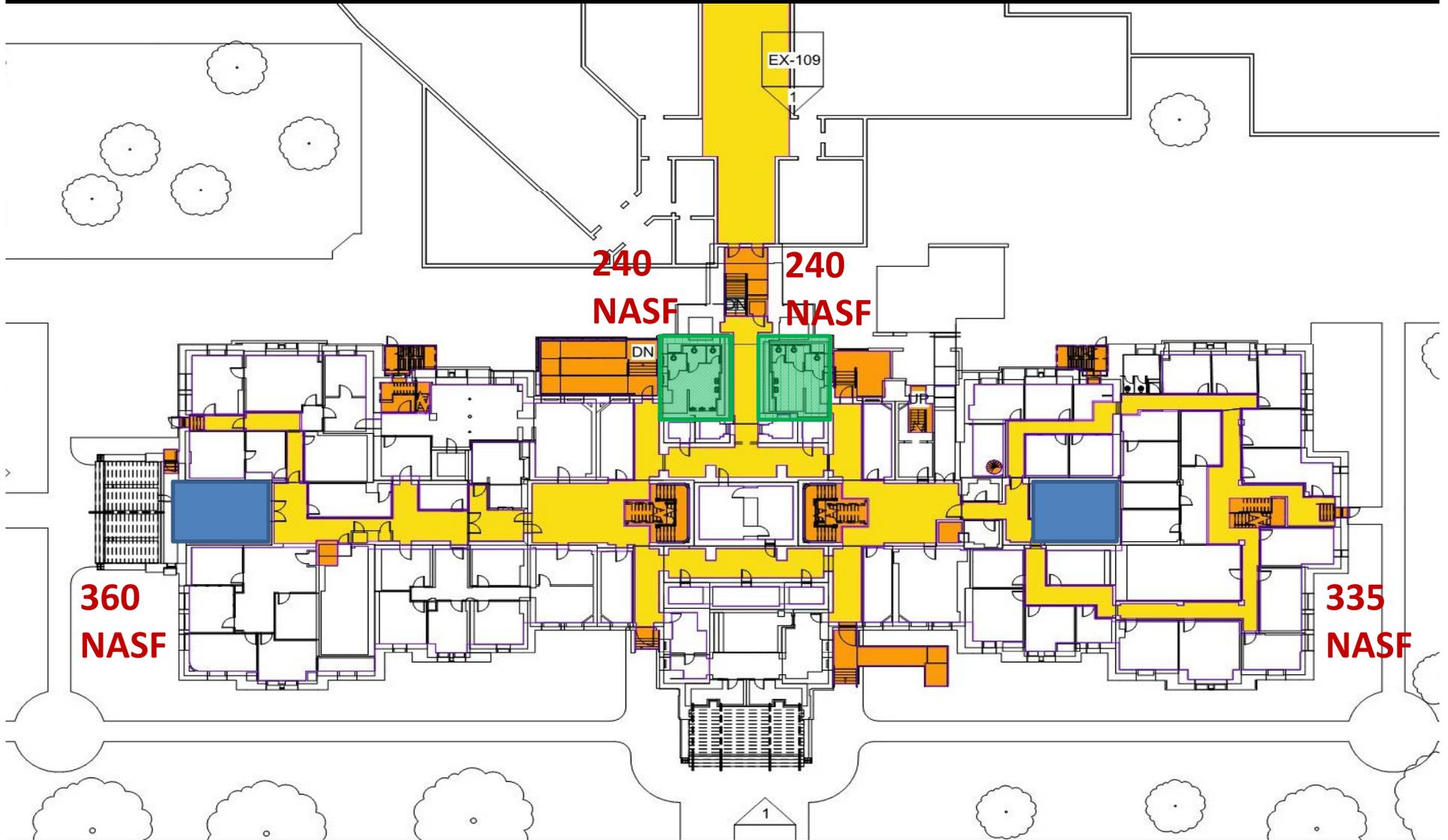
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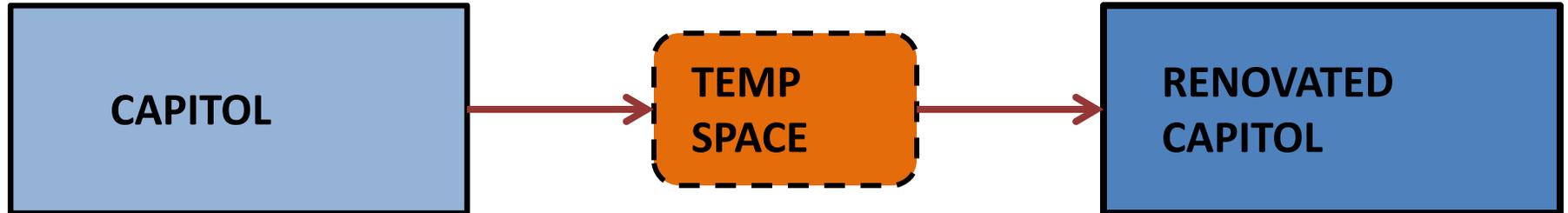
Space List Worksheet - Executive Summary w Toilets & Mechanical

	EXISTING ASSIGNMENTS	2013 STUDY	Difference	% Change
	Total	Total		
TOILETS	1,235	2,000	765	62%
MECHANICAL	694	8,600	7,906	1139%
Subtotal	1,929	10,600	8,671	450%
TOILETS & MECHANICAL	10,600			
TOTAL CAPITOL w NEW Toilets & Mechanical	51,442	91,226	39,784	77%

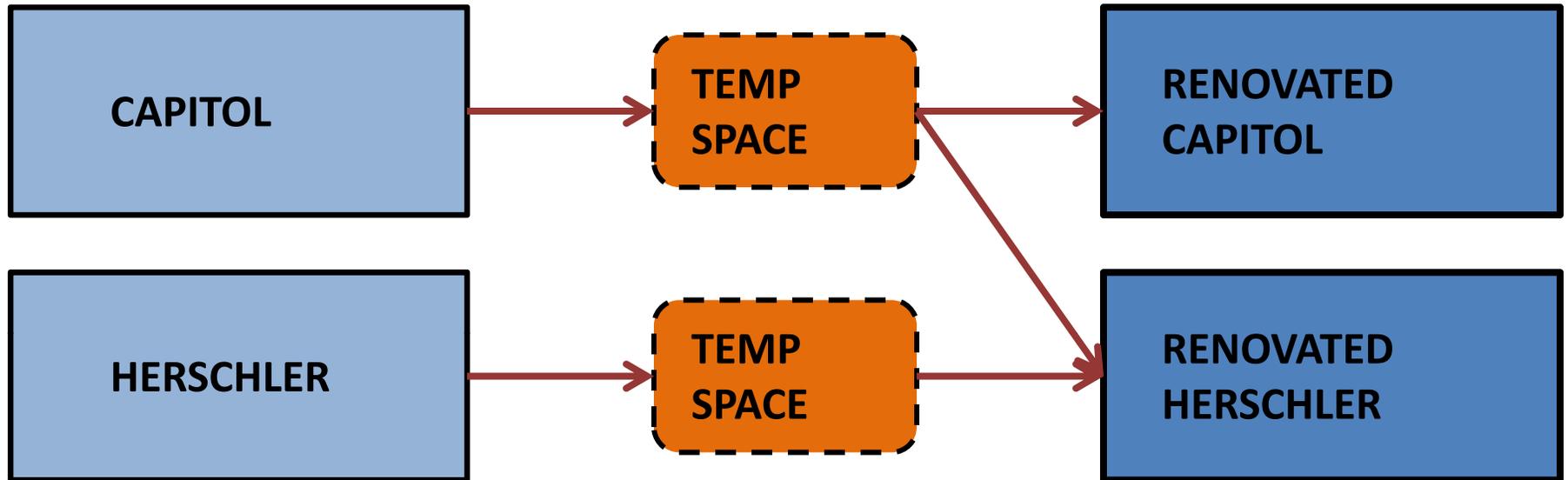
GARDEN LEVEL



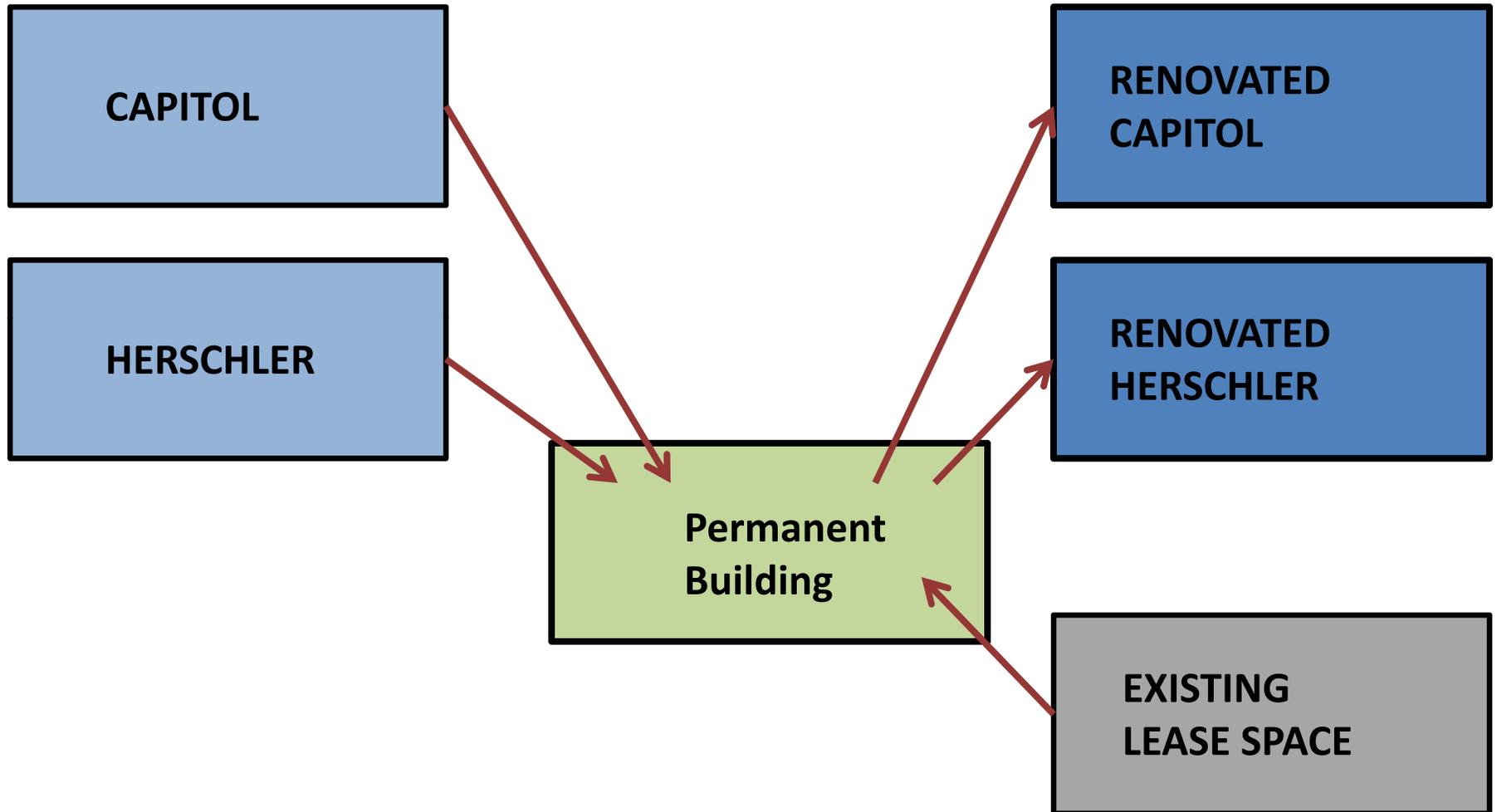
STRATEGIES

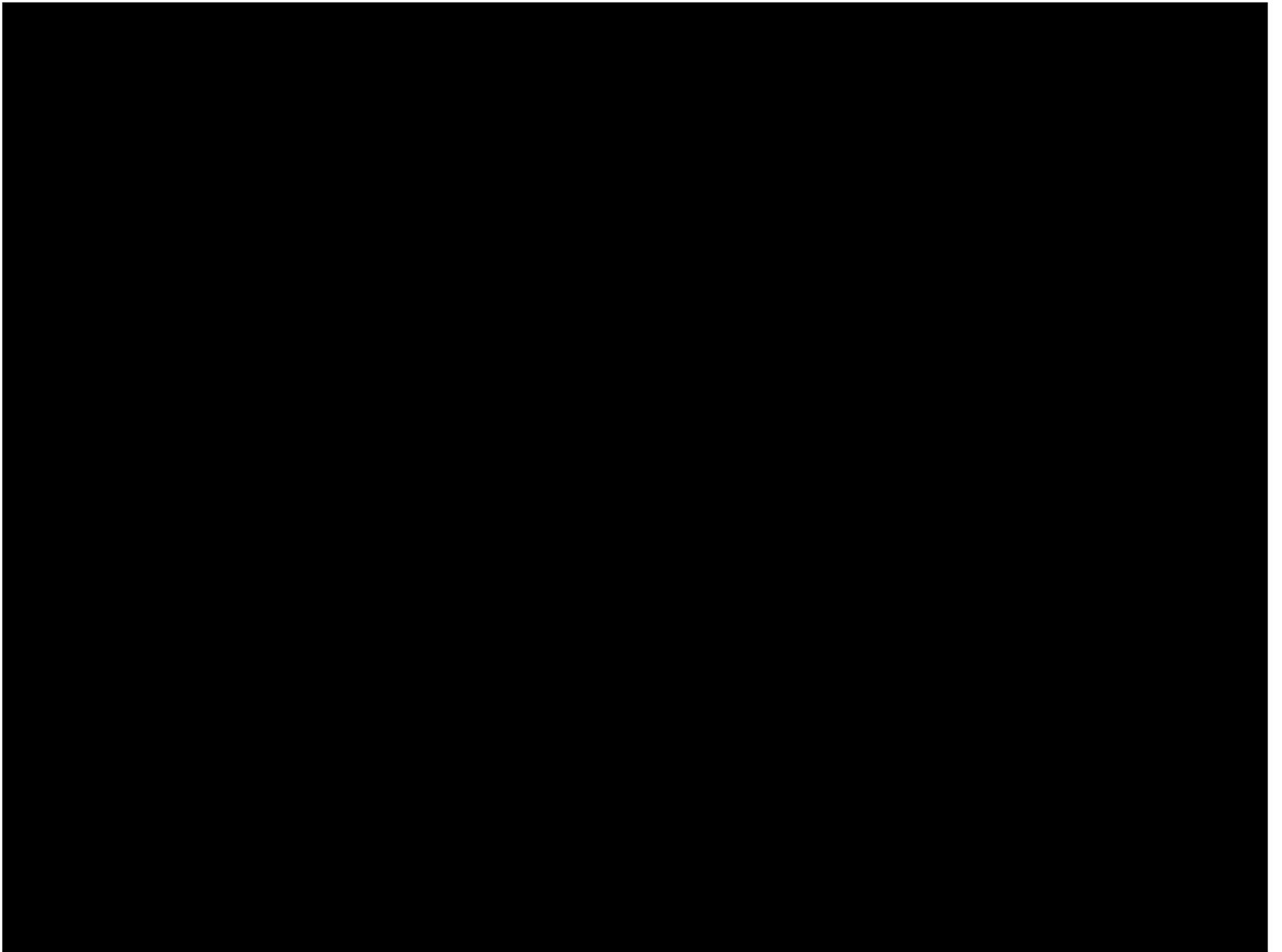


STRATEGIES



STRATEGIES



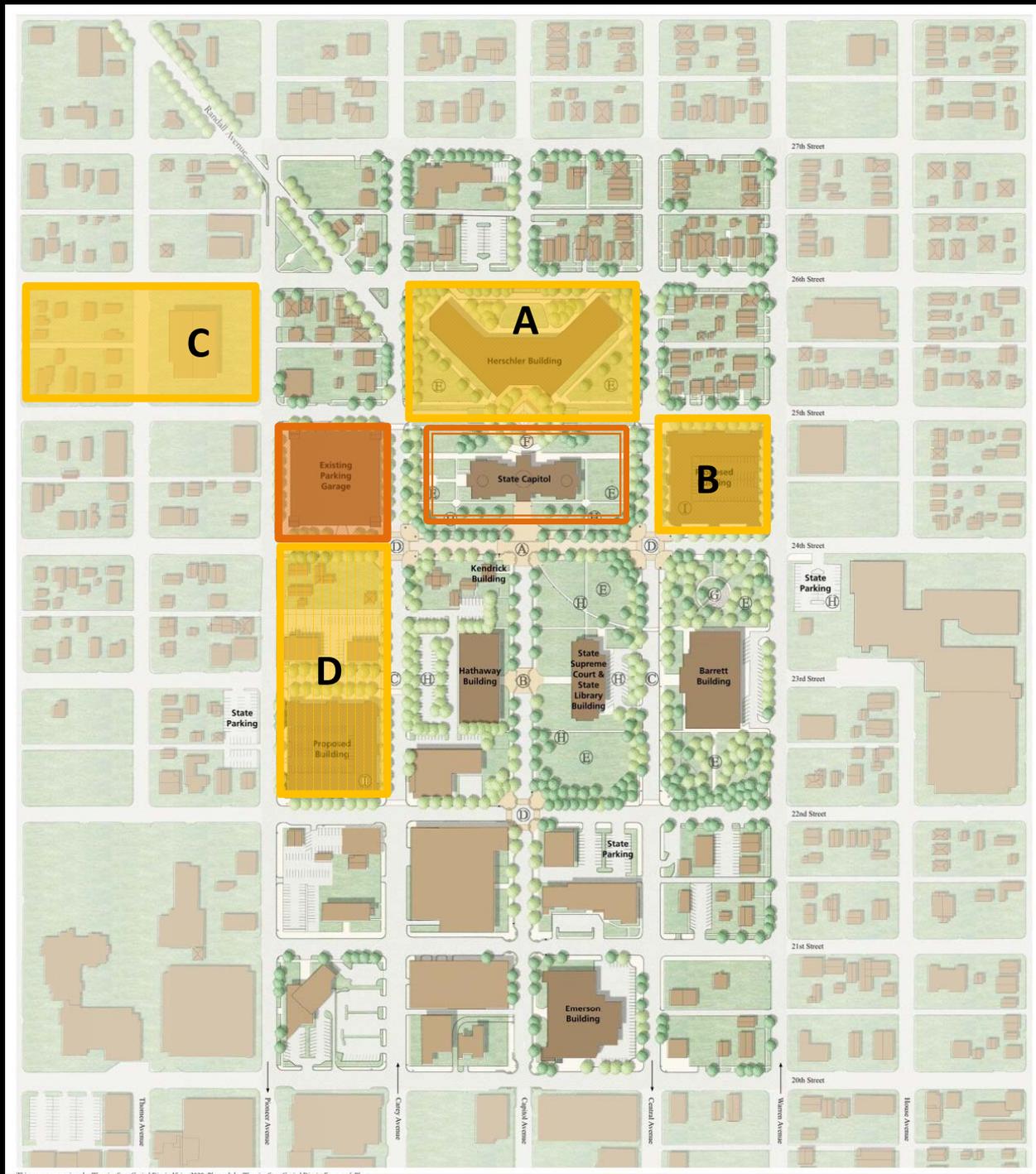


SUPPORTING STATE ASSETS

- 1) HERSCHLER
- 2) ST. MARY'S LOT
- 3) NSOB
- 4) CAPITOL COMPLEX
- 5) LARAMIE COUNTY COMMUNITY COLLEGE
- 6) SOMETHING ELSE???

E = LCCC

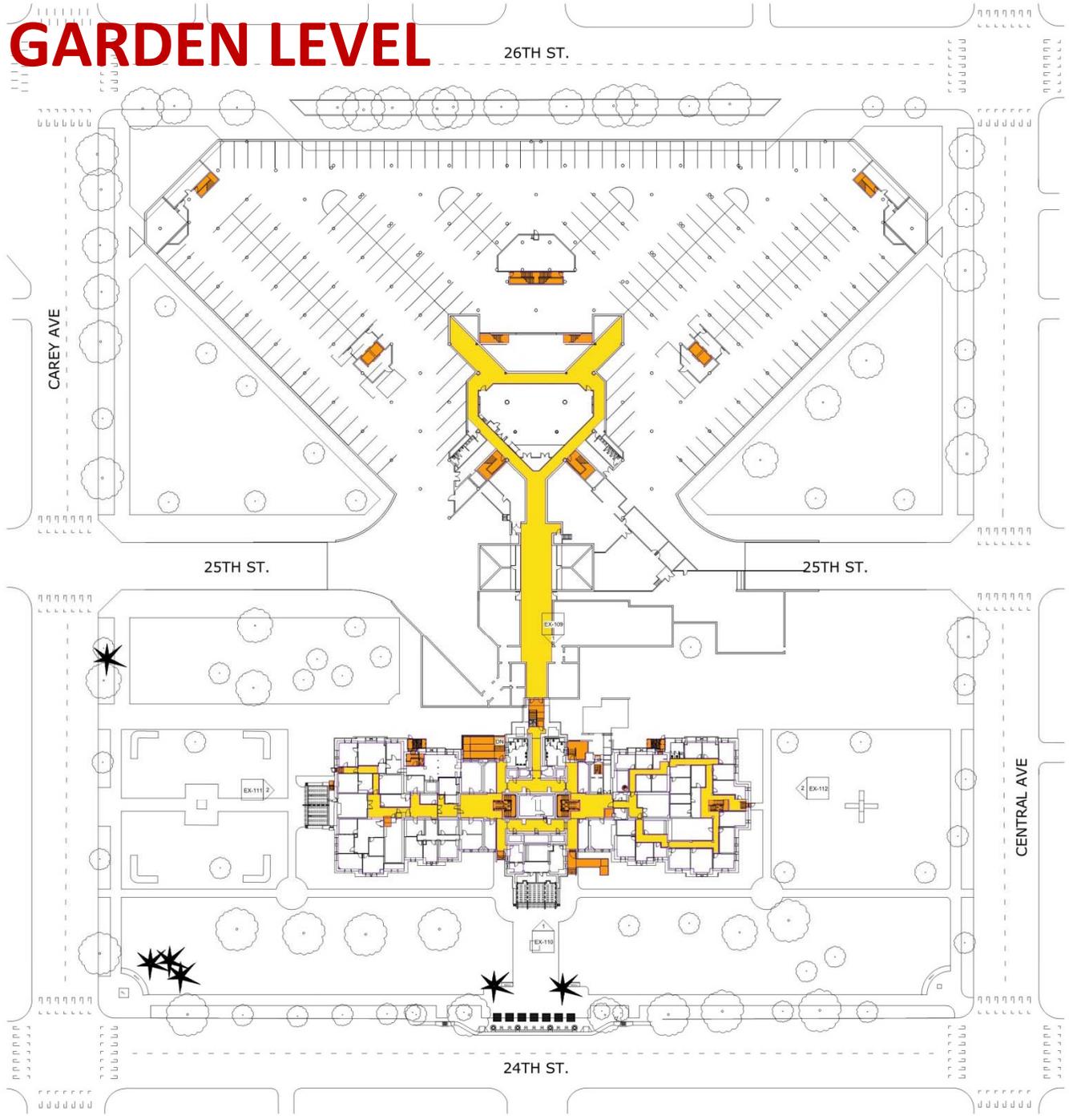
F = _____



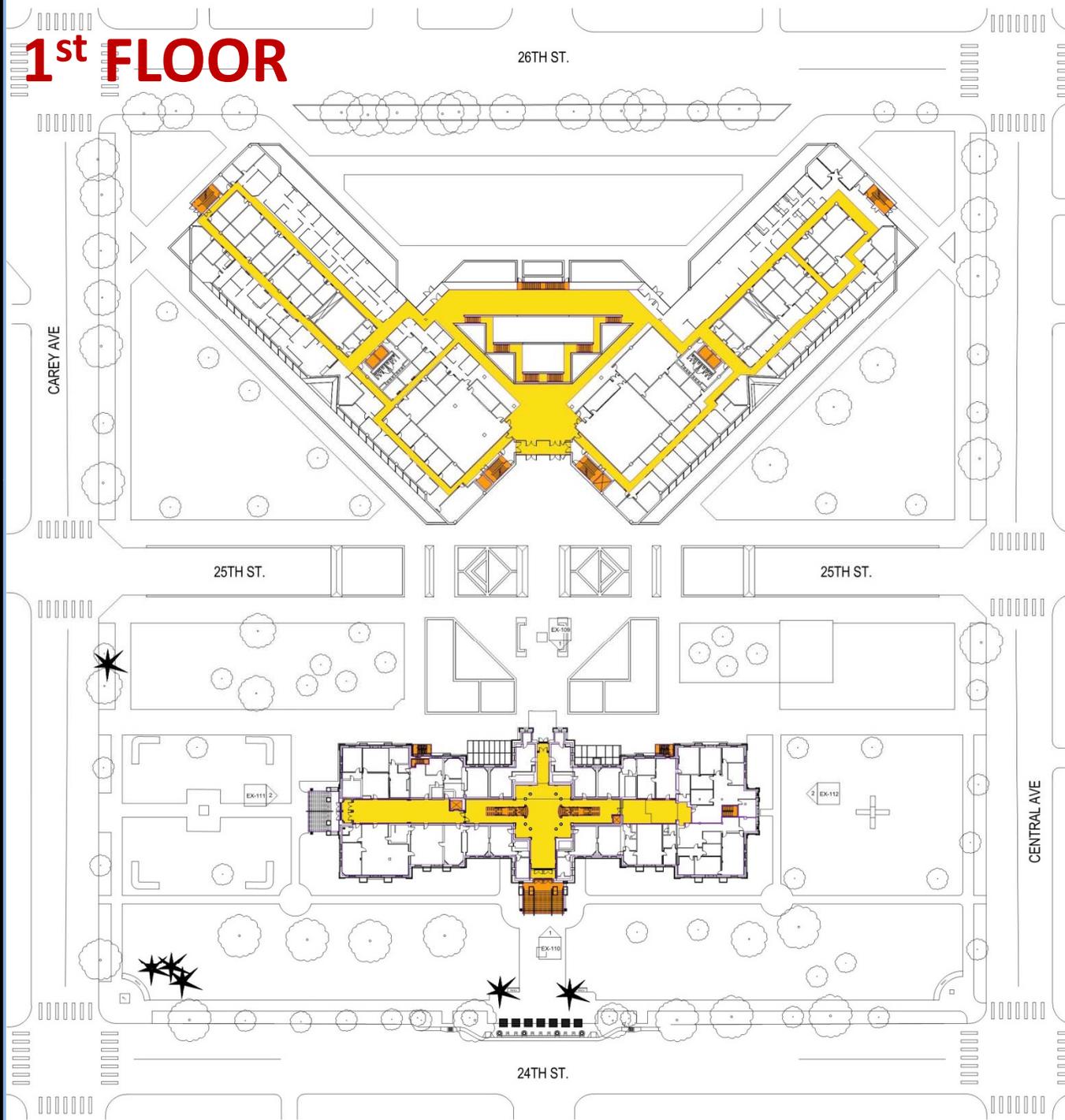


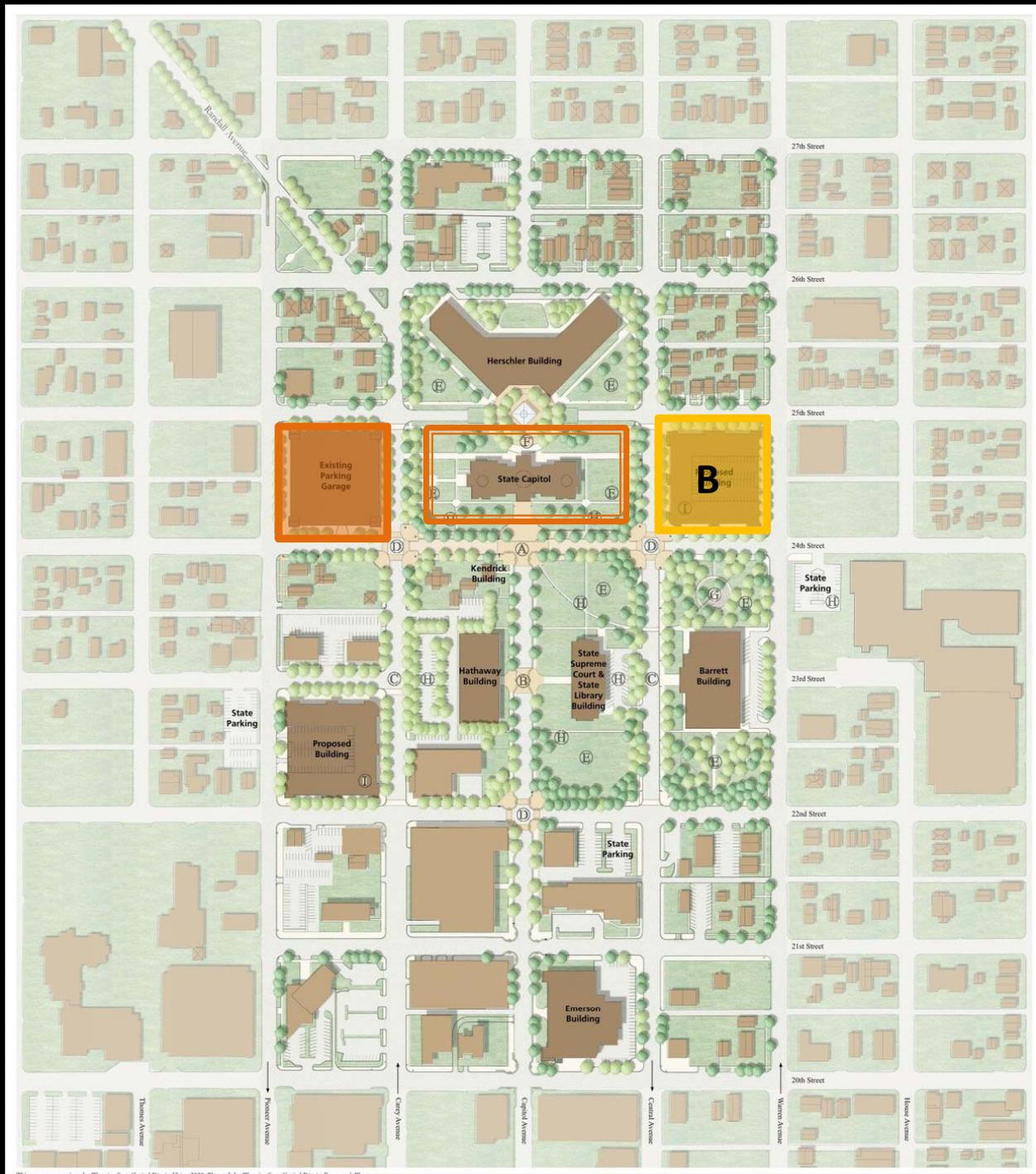


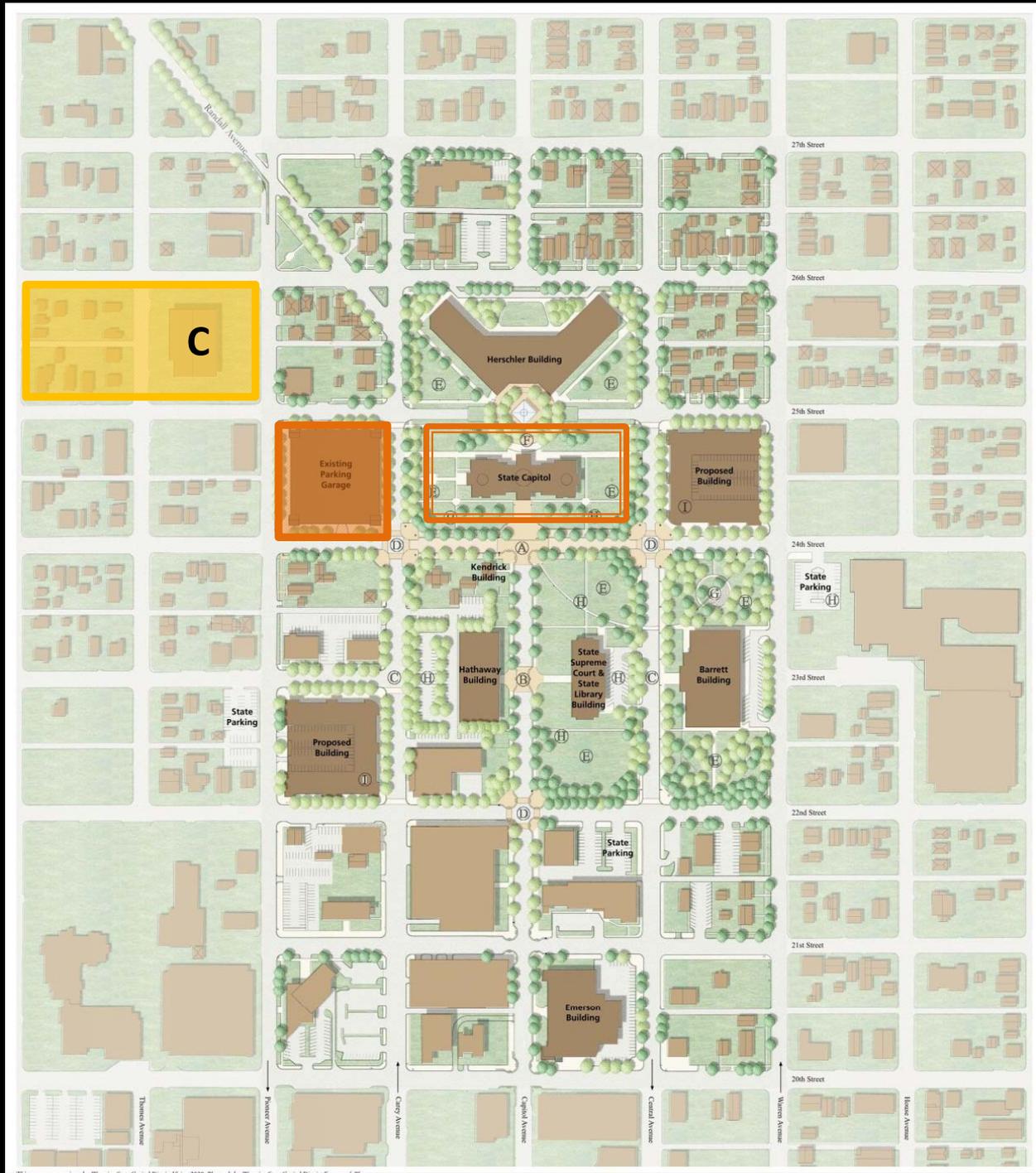
GARDEN LEVEL

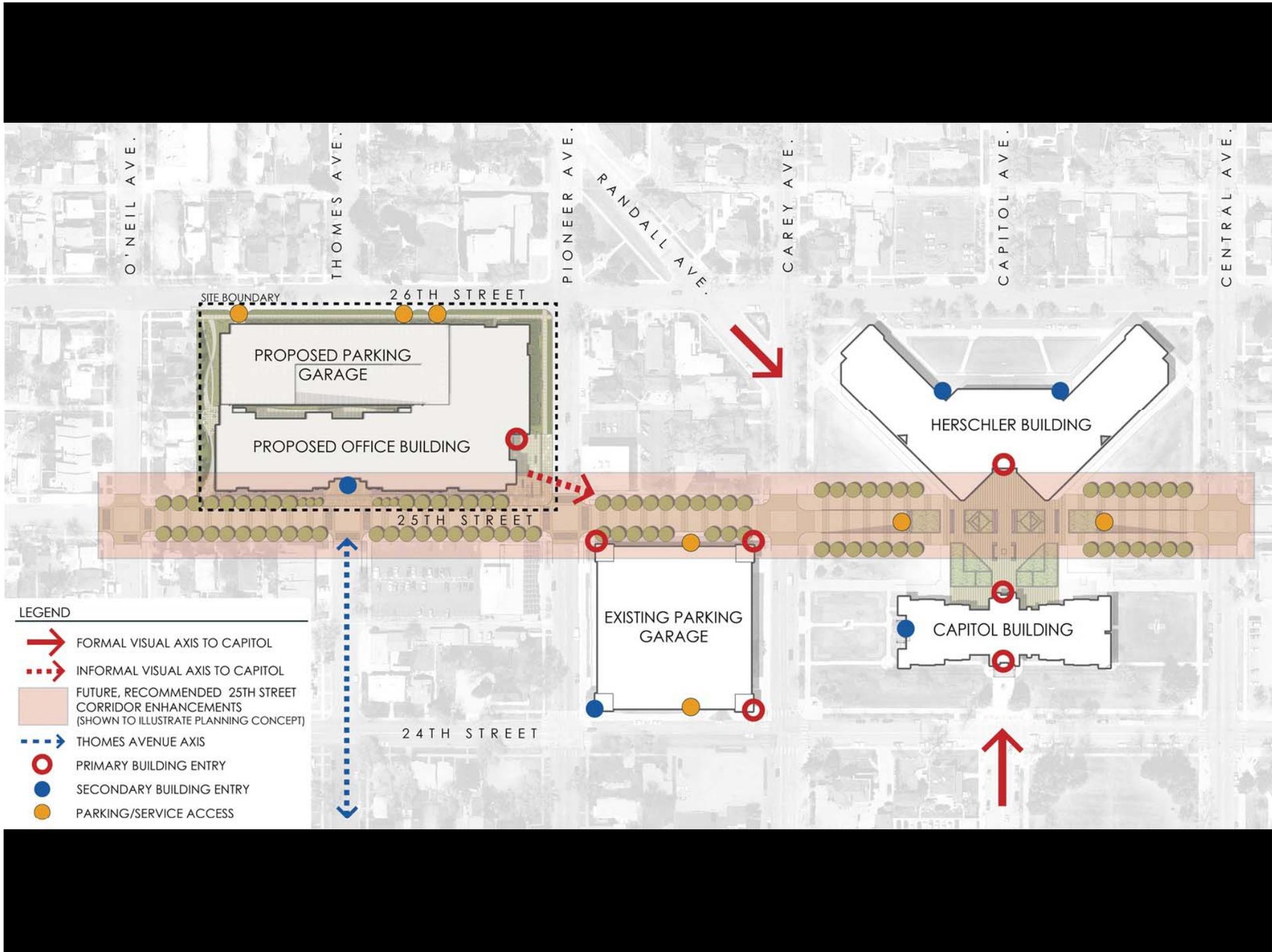


1st FLOOR











O'NEIL AVENUE

SITE BOUNDARY

26TH STREET

PROPOSED PARKING GARAGE

SCULPTURE OR SPECIAL FEATURE

PROPOSED OFFICE BUILDING

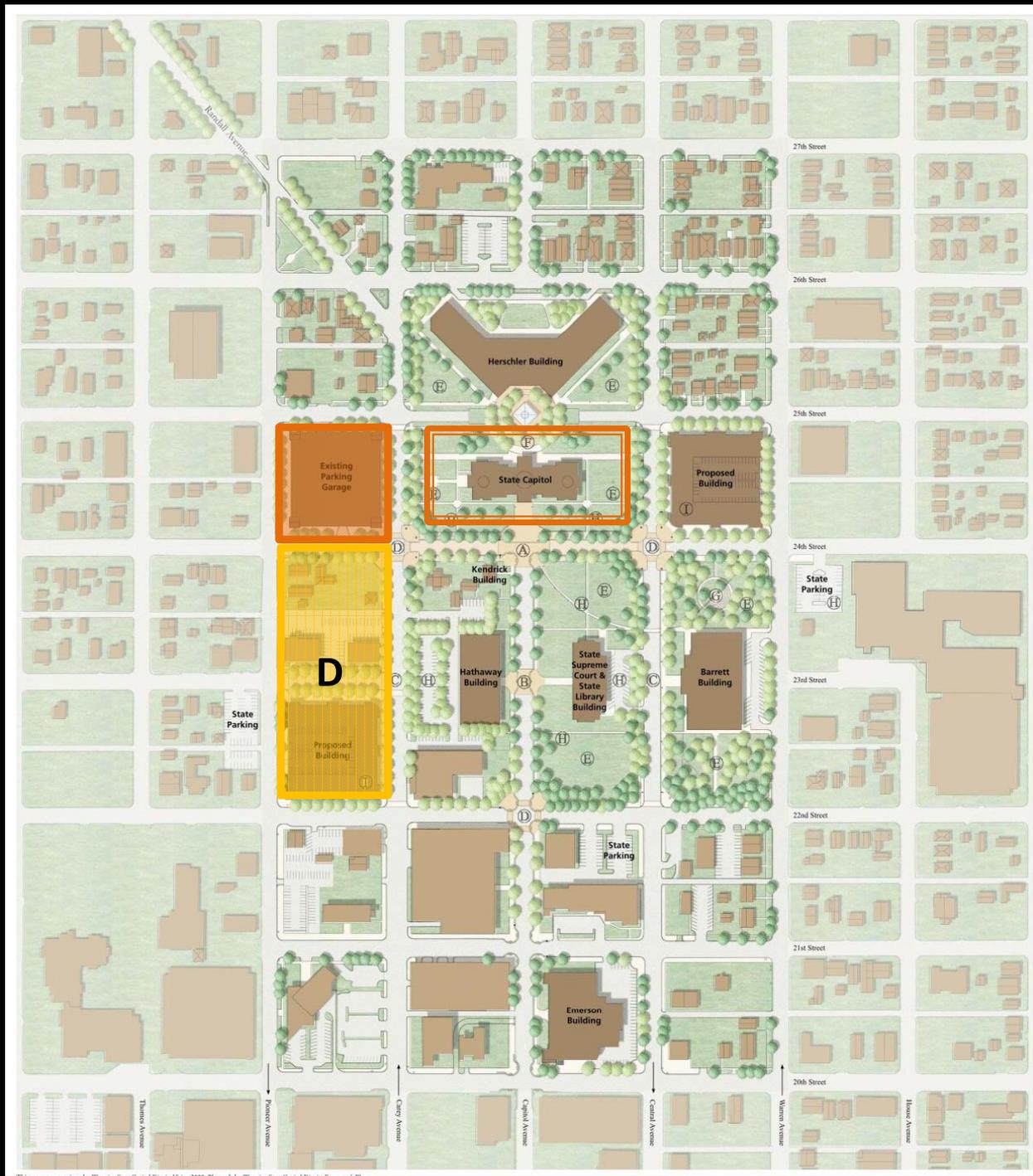
SCULPTURE OR SPECIAL FEATURE

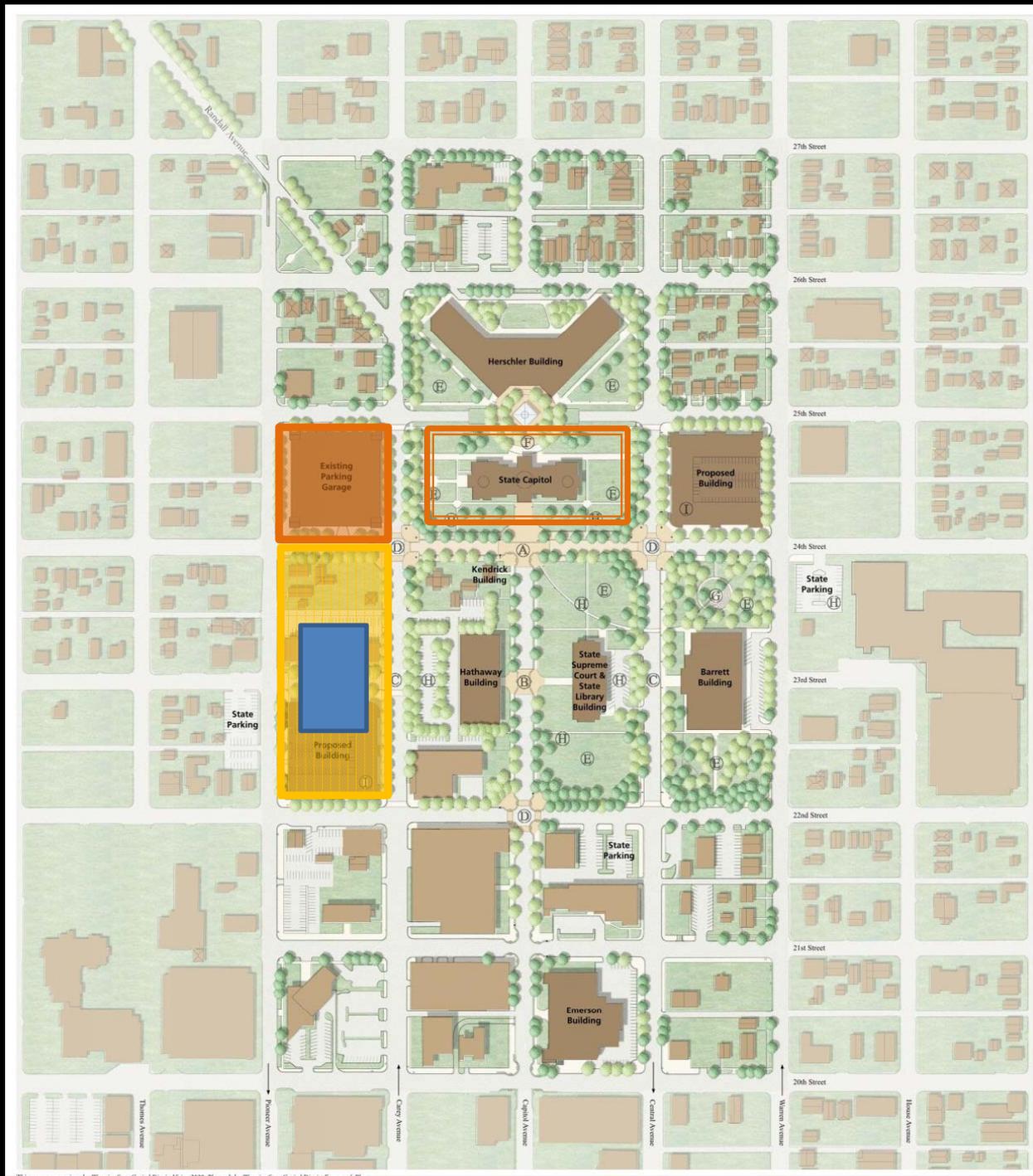
25TH STREET

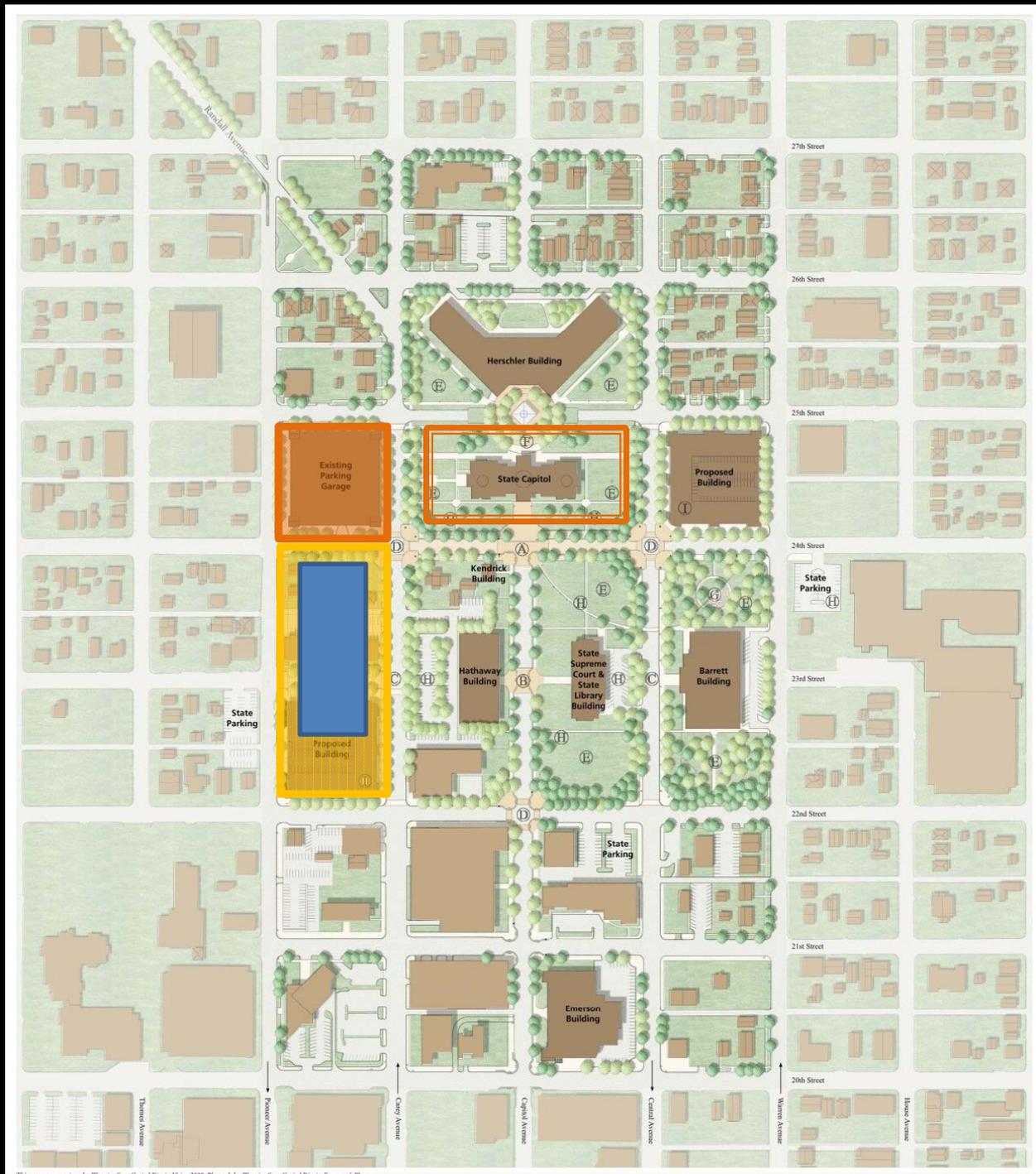
THOMES AVENUE

PIONEER AVENUE

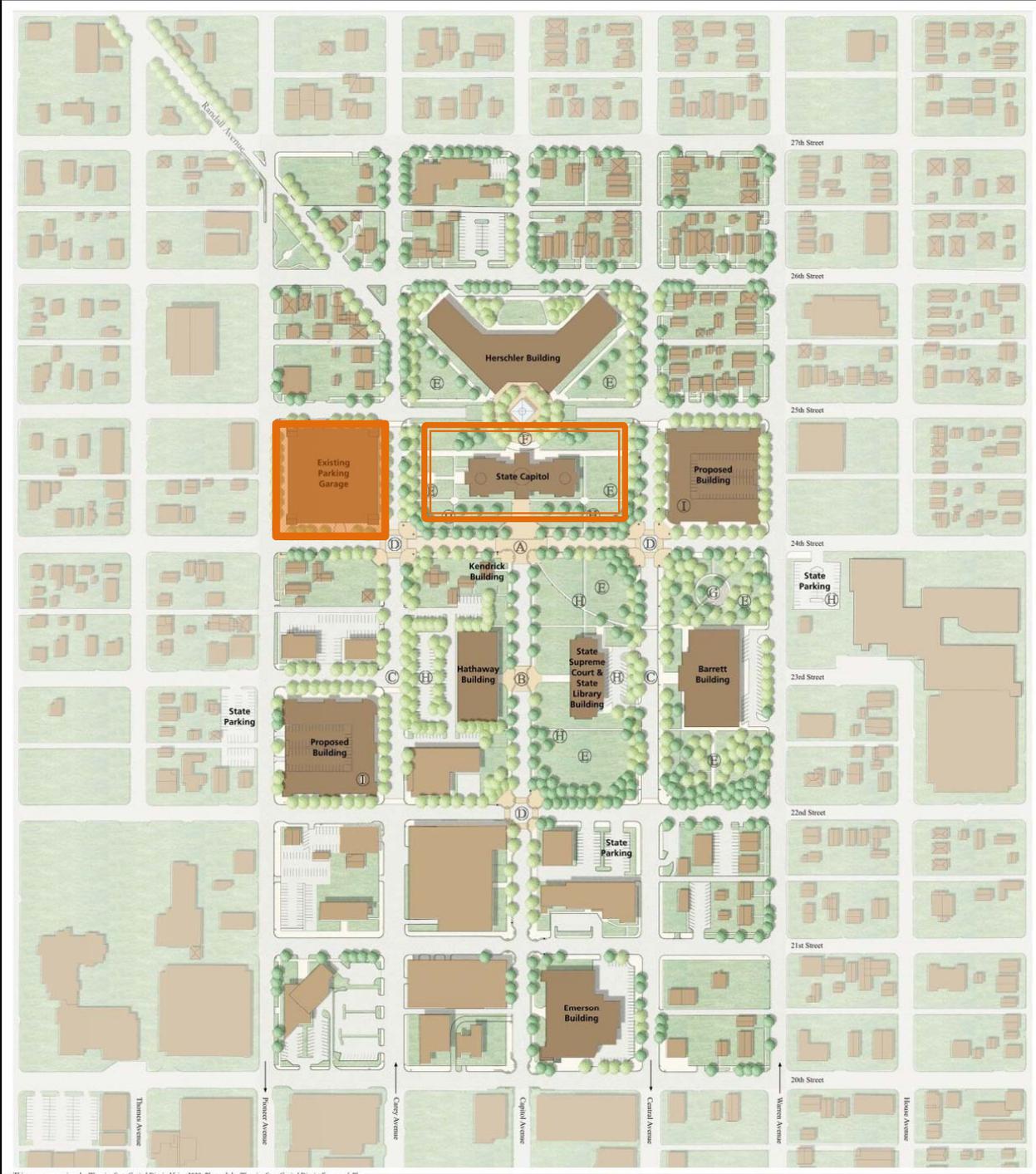








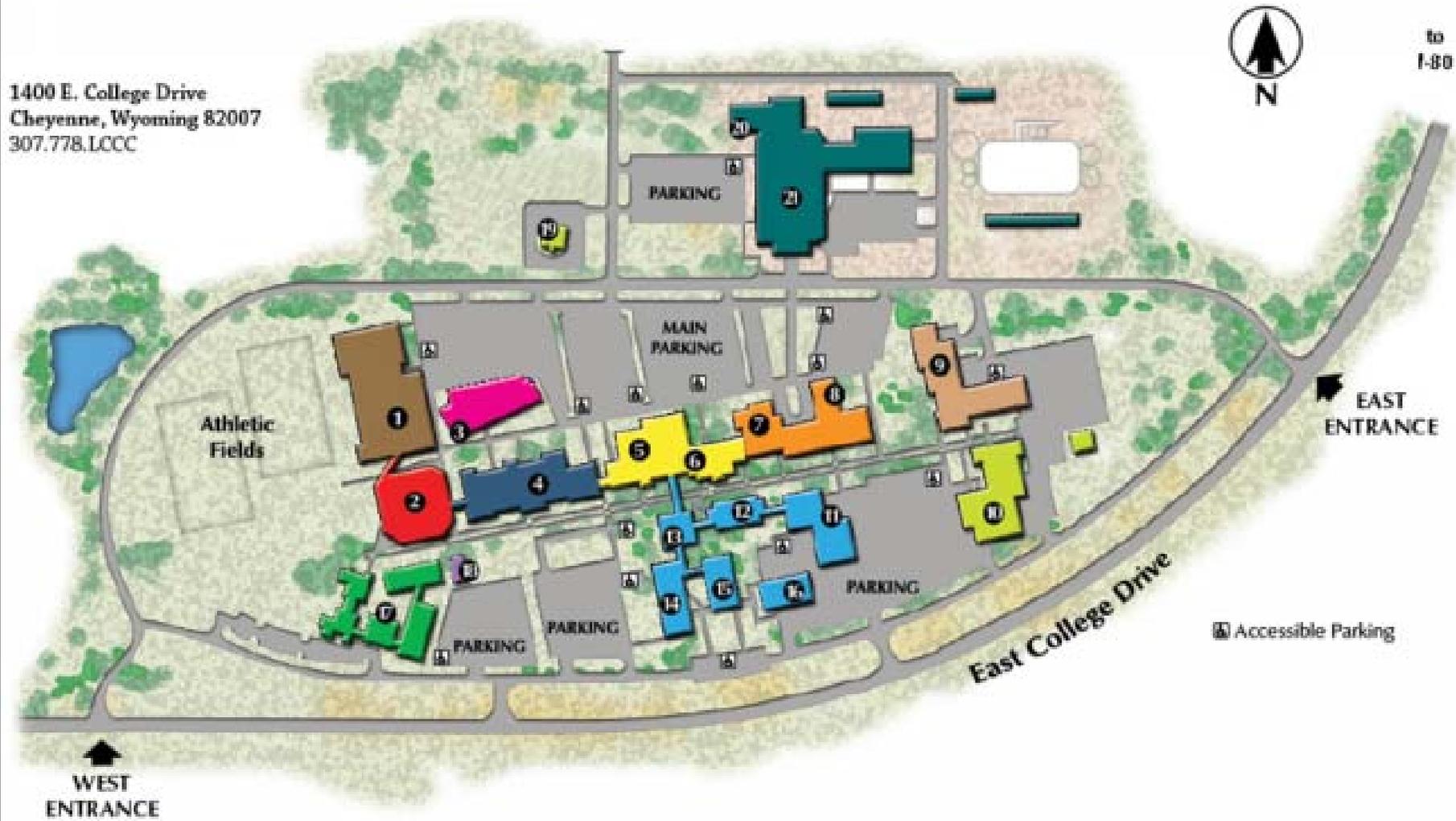
E = LCCC



1400 E. College Drive
Cheyenne, Wyoming 82007
307.778.LCCC



to
I-80



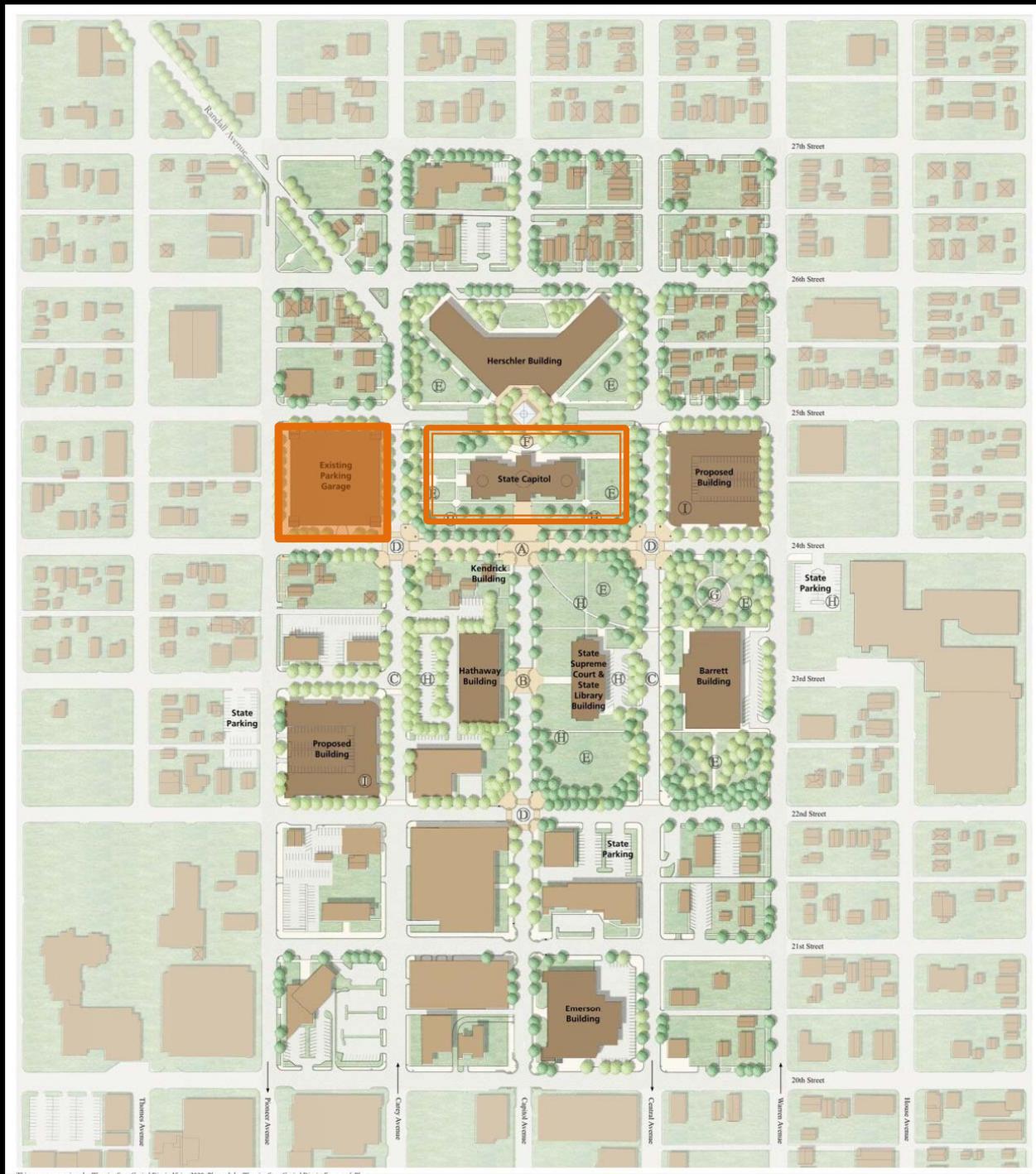
WEST
ENTRANCE

EAST
ENTRANCE

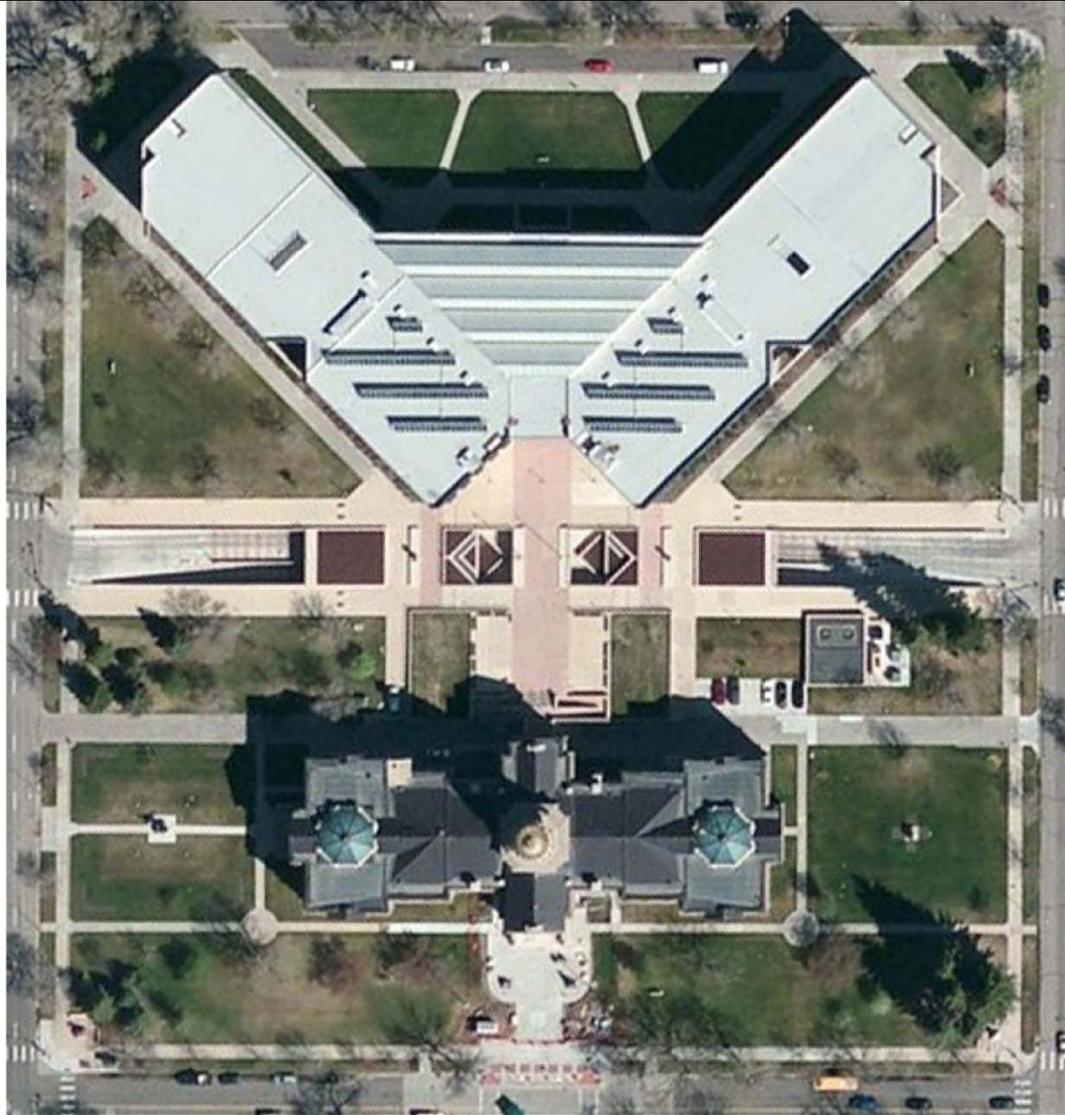
Accessible Parking

East College Drive

F = _____



Capitol Complex



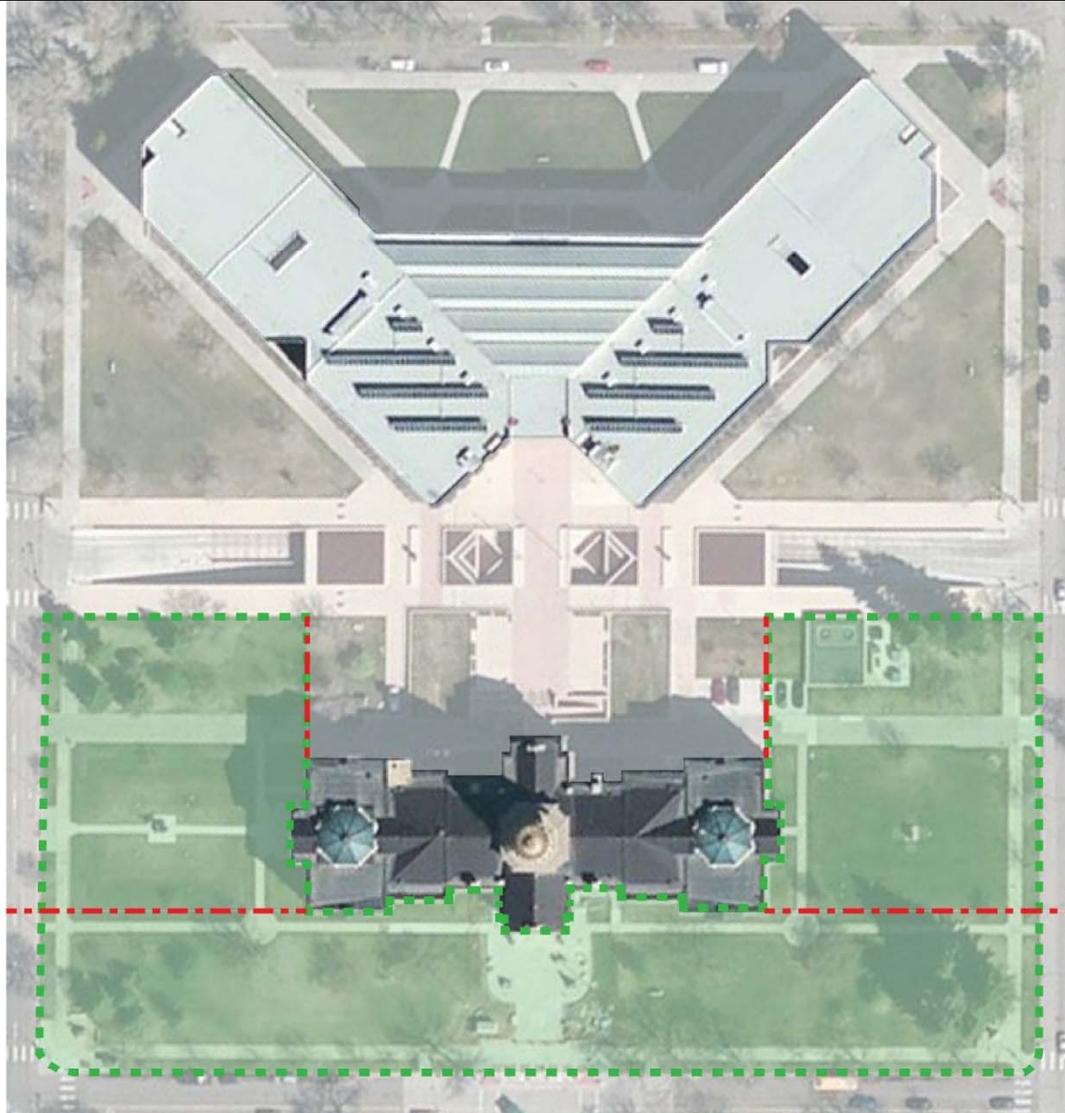
Capitol Complex



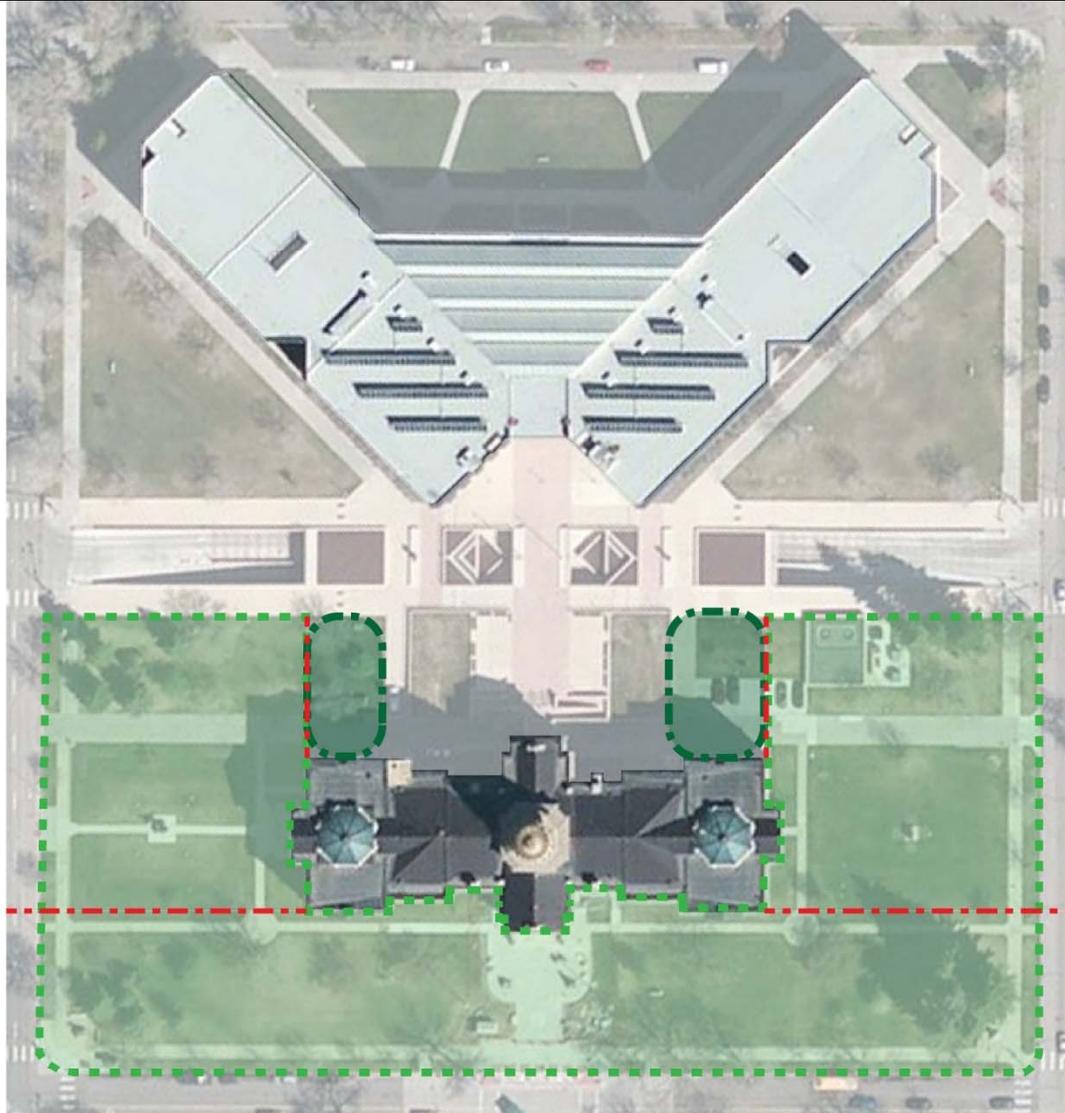
Capitol Complex



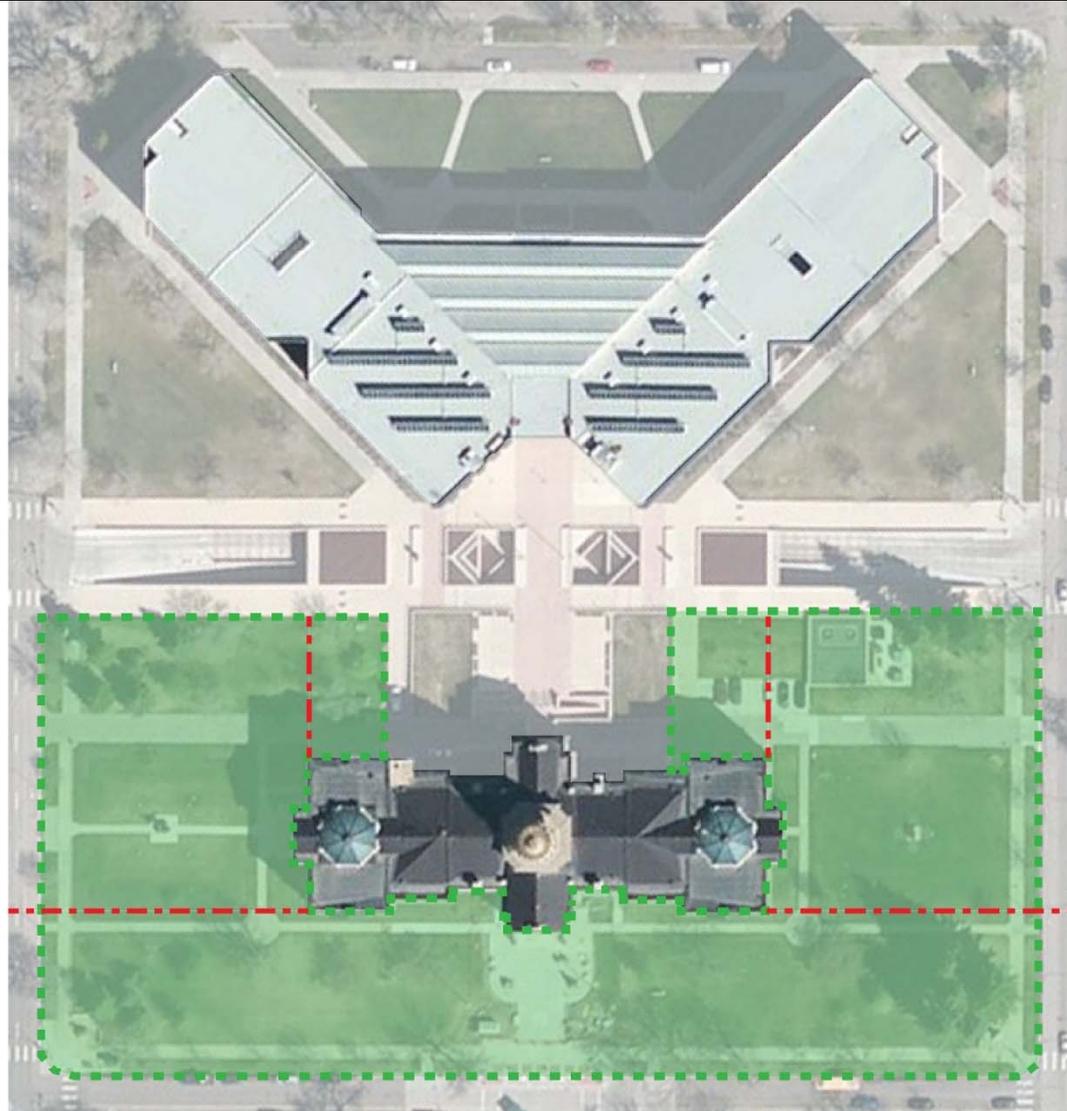
Capitol Complex



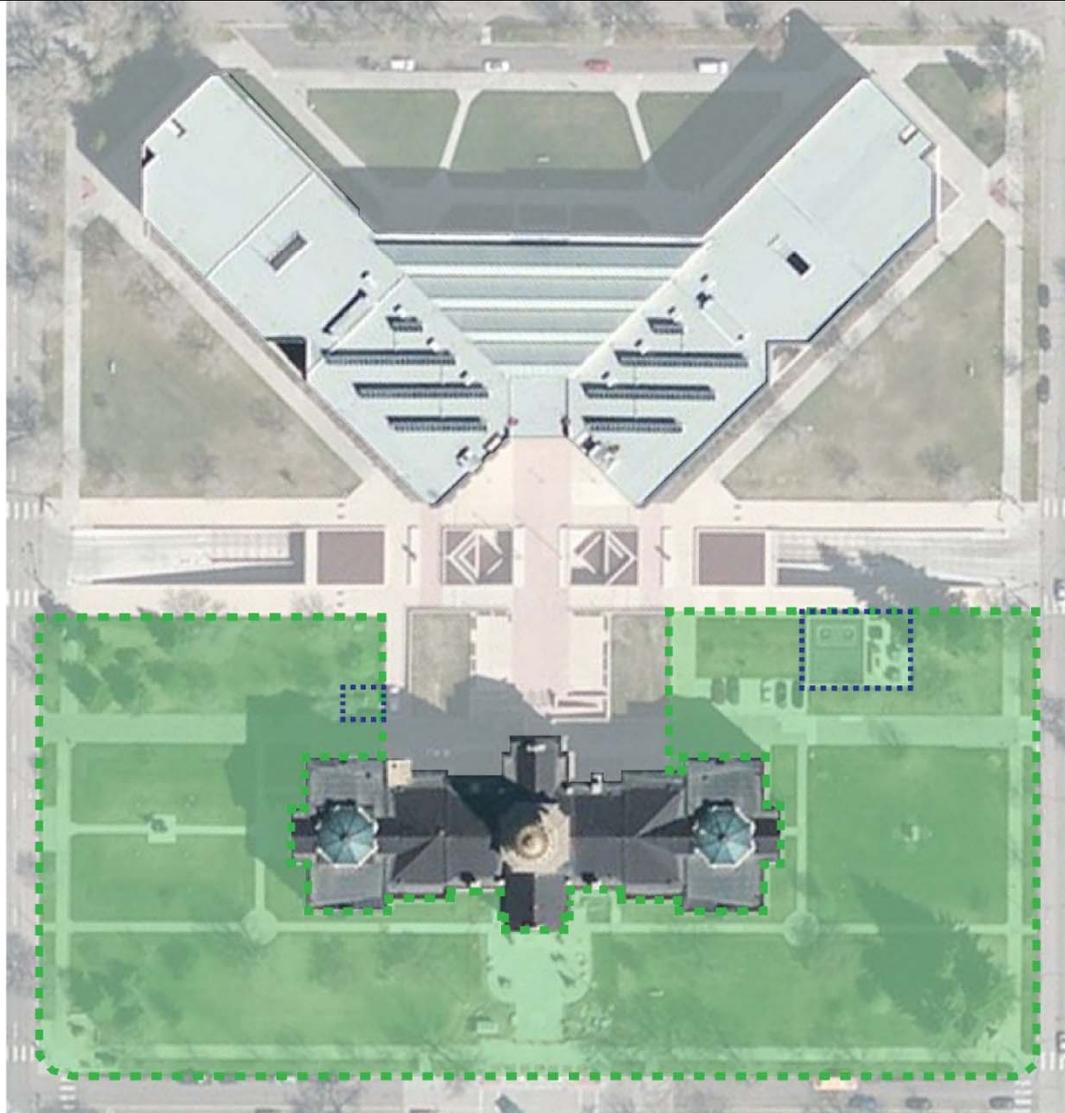
Capitol Complex



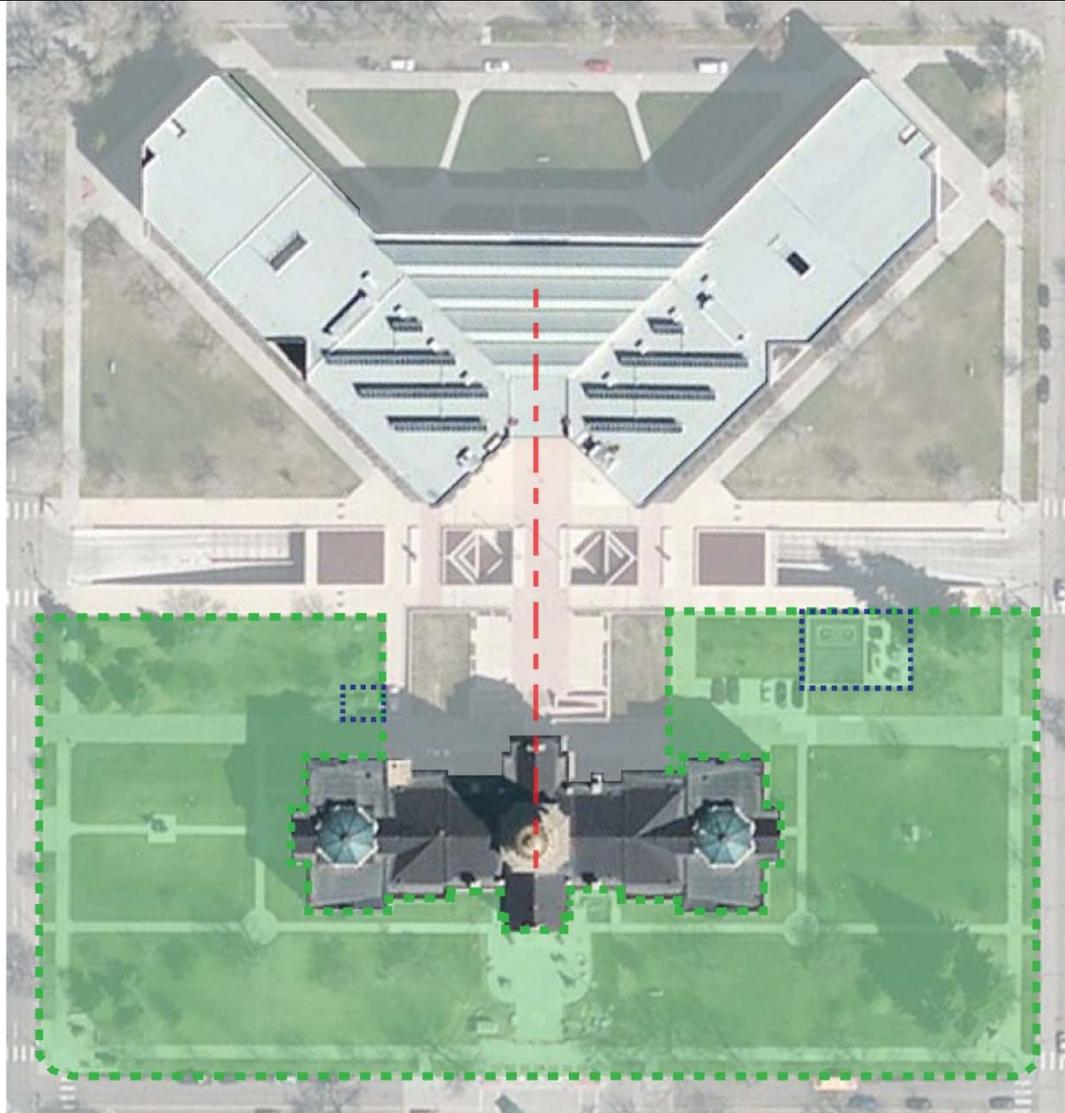
Capitol Complex



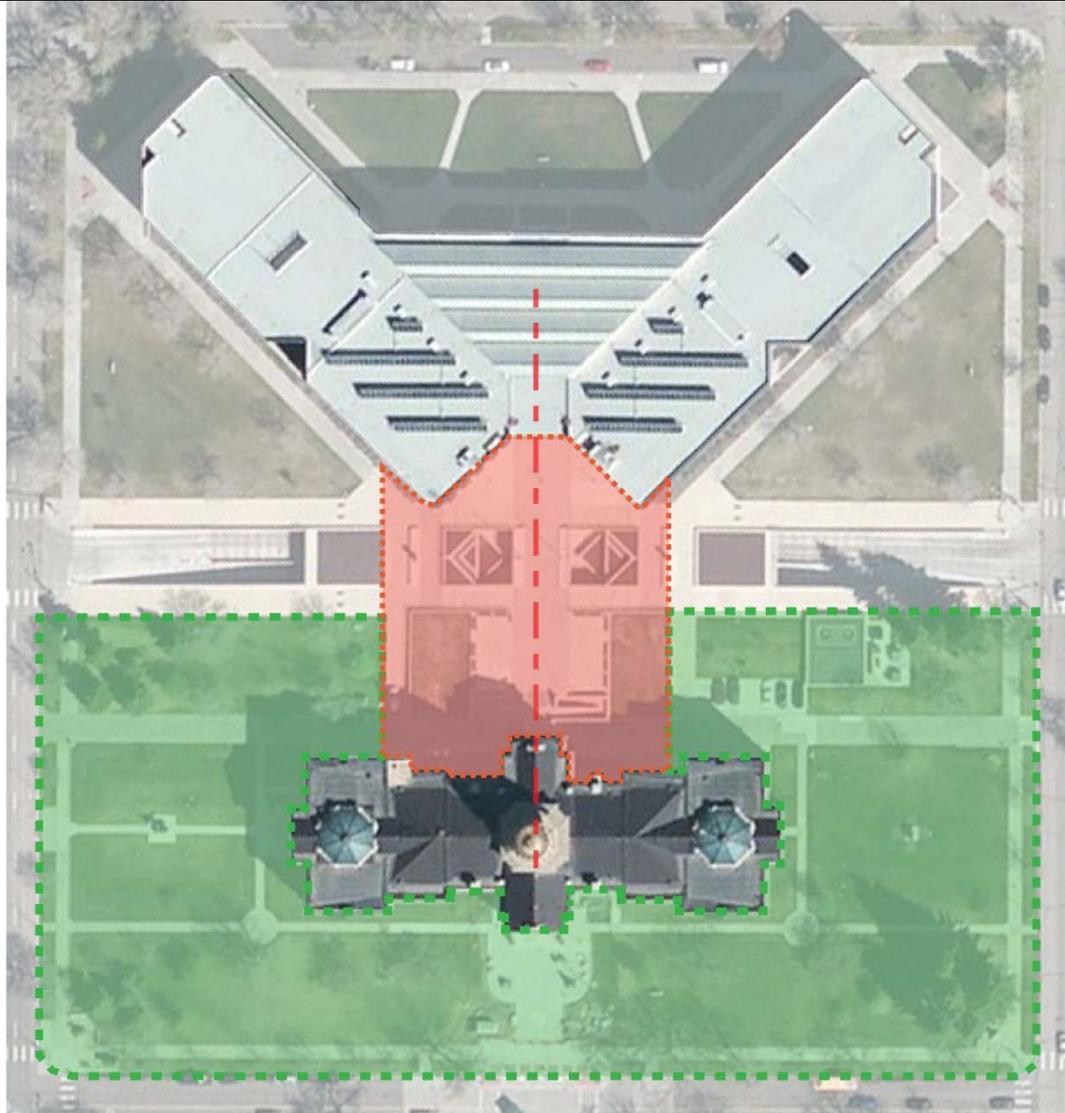
Capitol Complex



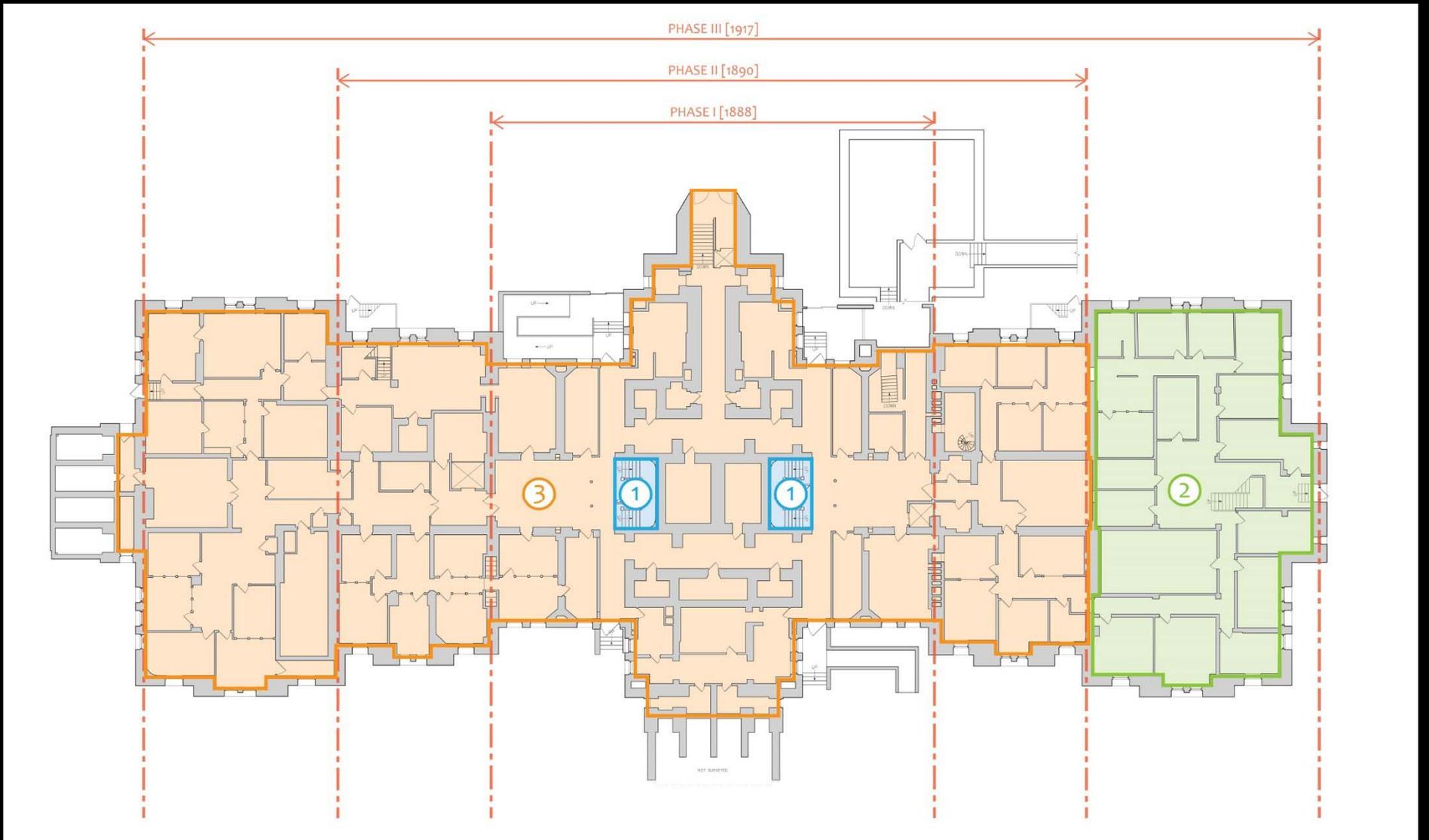
Capitol Complex



Capitol Complex



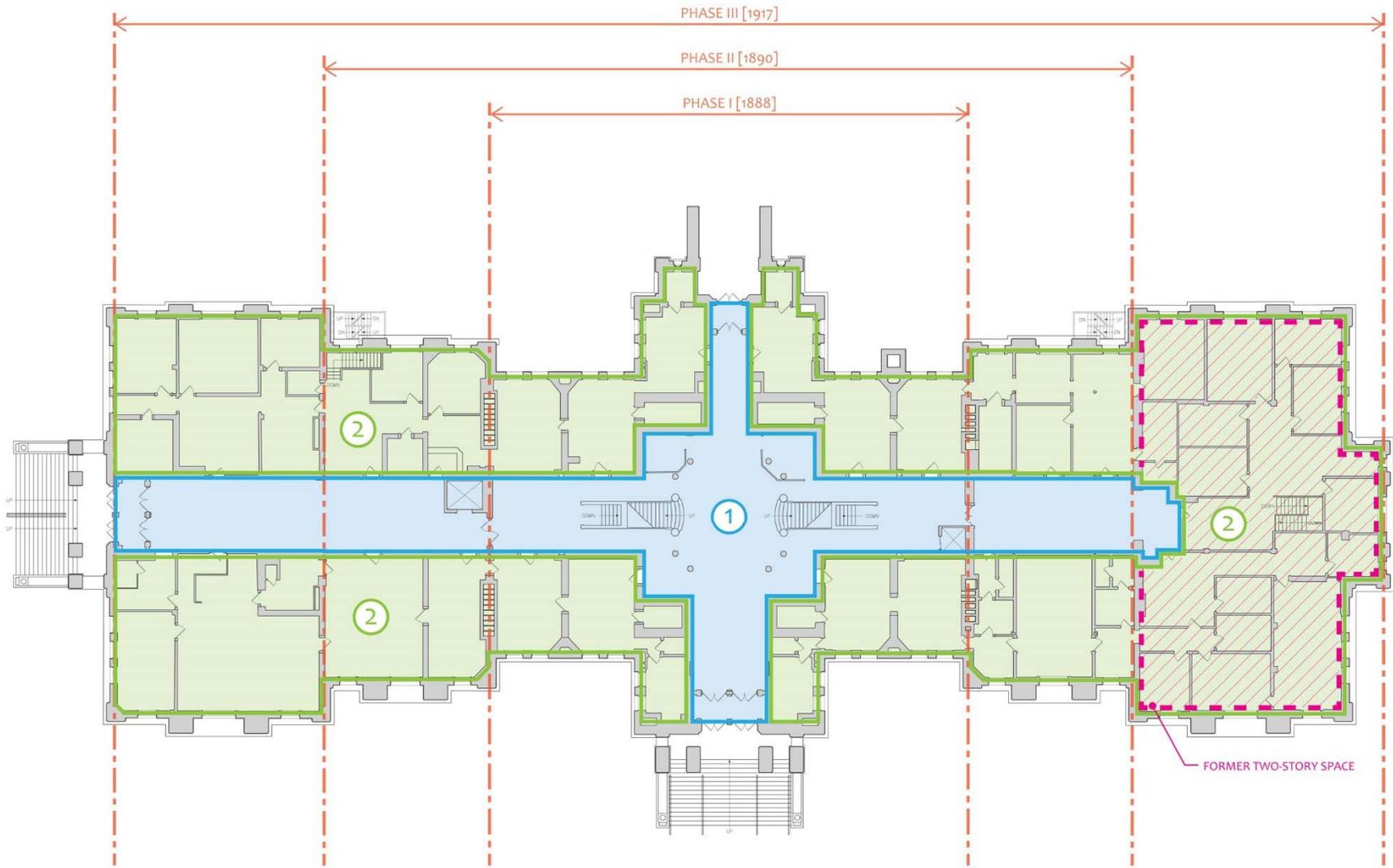
Preservation Zones



Basement Level Floor Plan

- ① PRESERVATION ZONE #1 RESTORATION
- ② PRESERVATION ZONE #2 PRESERVATION
- ③ PRESERVATION ZONE #3 REHABILITATION
- ④ PRESERVATION ZONE #4 SERVICE AREA [DEPENDENT ON MECHANICAL LAYOUT, SOME BASEMENT AREAS MAY BECOME ZONE #1]

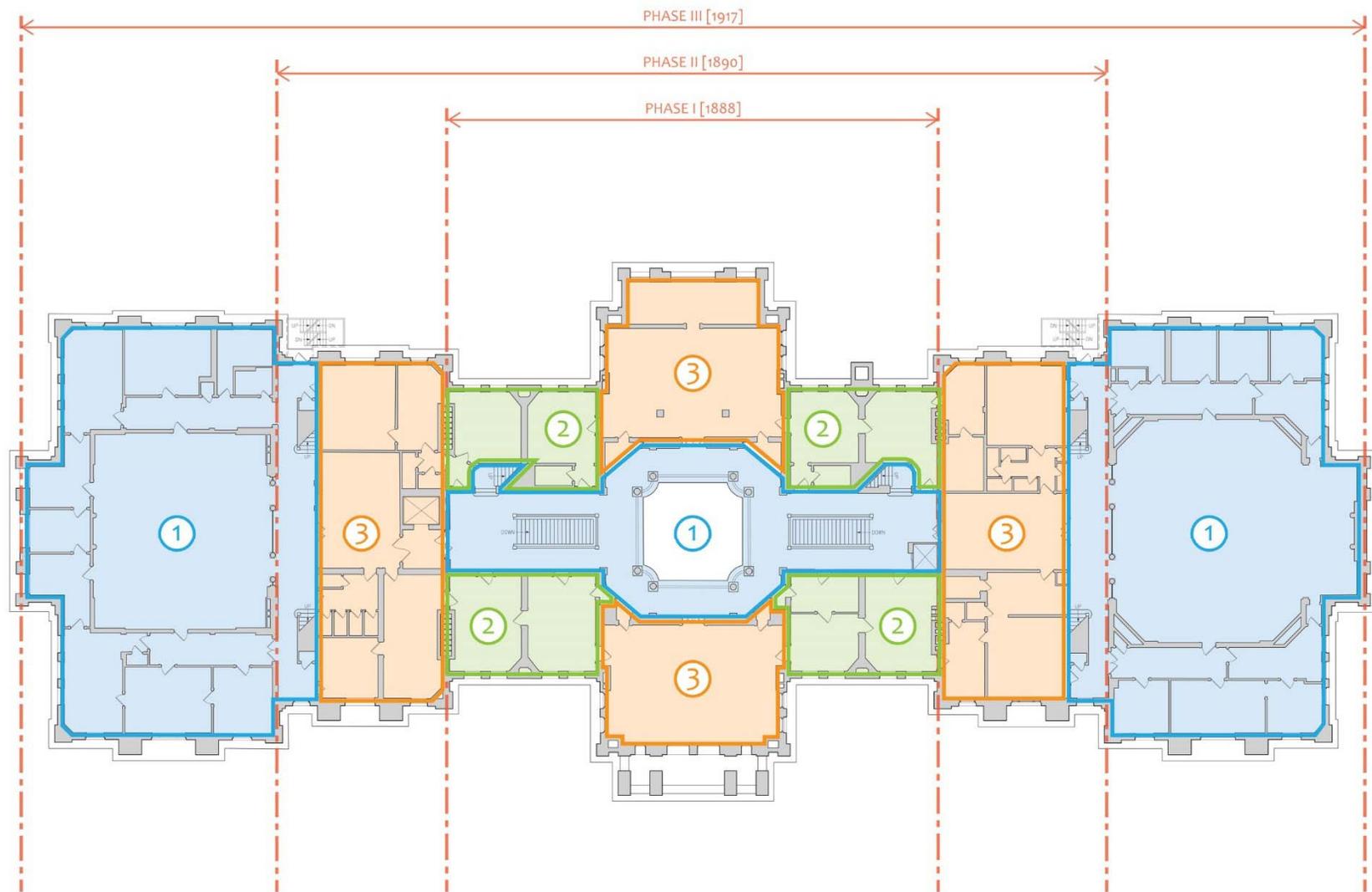
Preservation Zones



First Floor Plan

- 1 PRESERVATION ZONE #1 RESTORATION
- 2 PRESERVATION ZONE #2 PRESERVATION
- 3 PRESERVATION ZONE #3 REHABILITATION
- 4 PRESERVATION ZONE #4 SERVICE AREA [DEPENDENT ON MECHANICAL LAYOUT, SOME BASEMENT AREAS MAY BECOME ZONE #1]

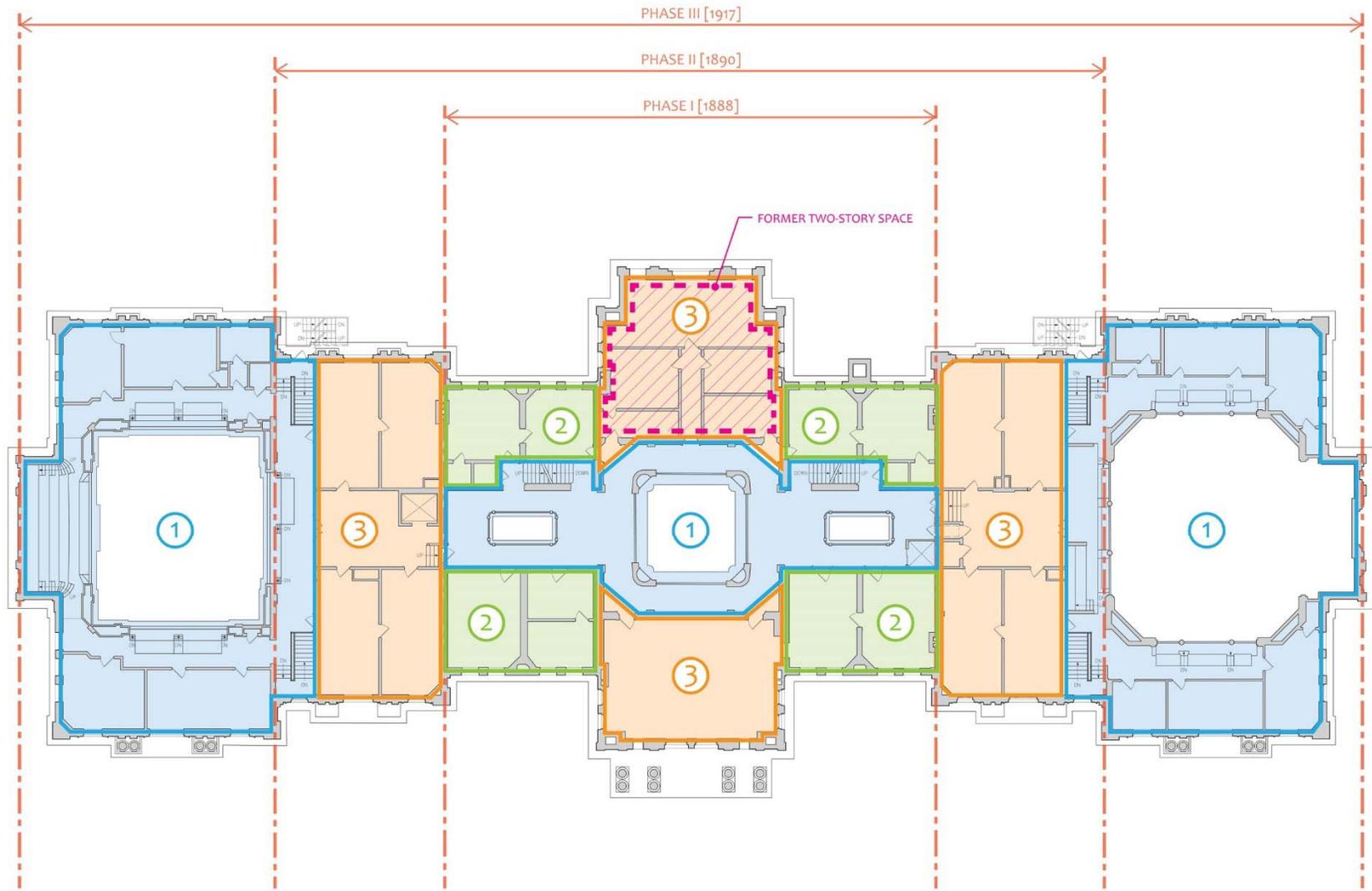
Preservation Zones



Second Floor Plan

- ① PRESERVATION ZONE #1
RESTORATION
- ② PRESERVATION ZONE #2
PRESERVATION
- ③ PRESERVATION ZONE #3
REHABILITATION
- ④ PRESERVATION ZONE #4
SERVICE AREA
[DEPENDENT ON MECHANICAL LAYOUT, SOME
BASEMENT AREAS MAY BECOME ZONE #4]

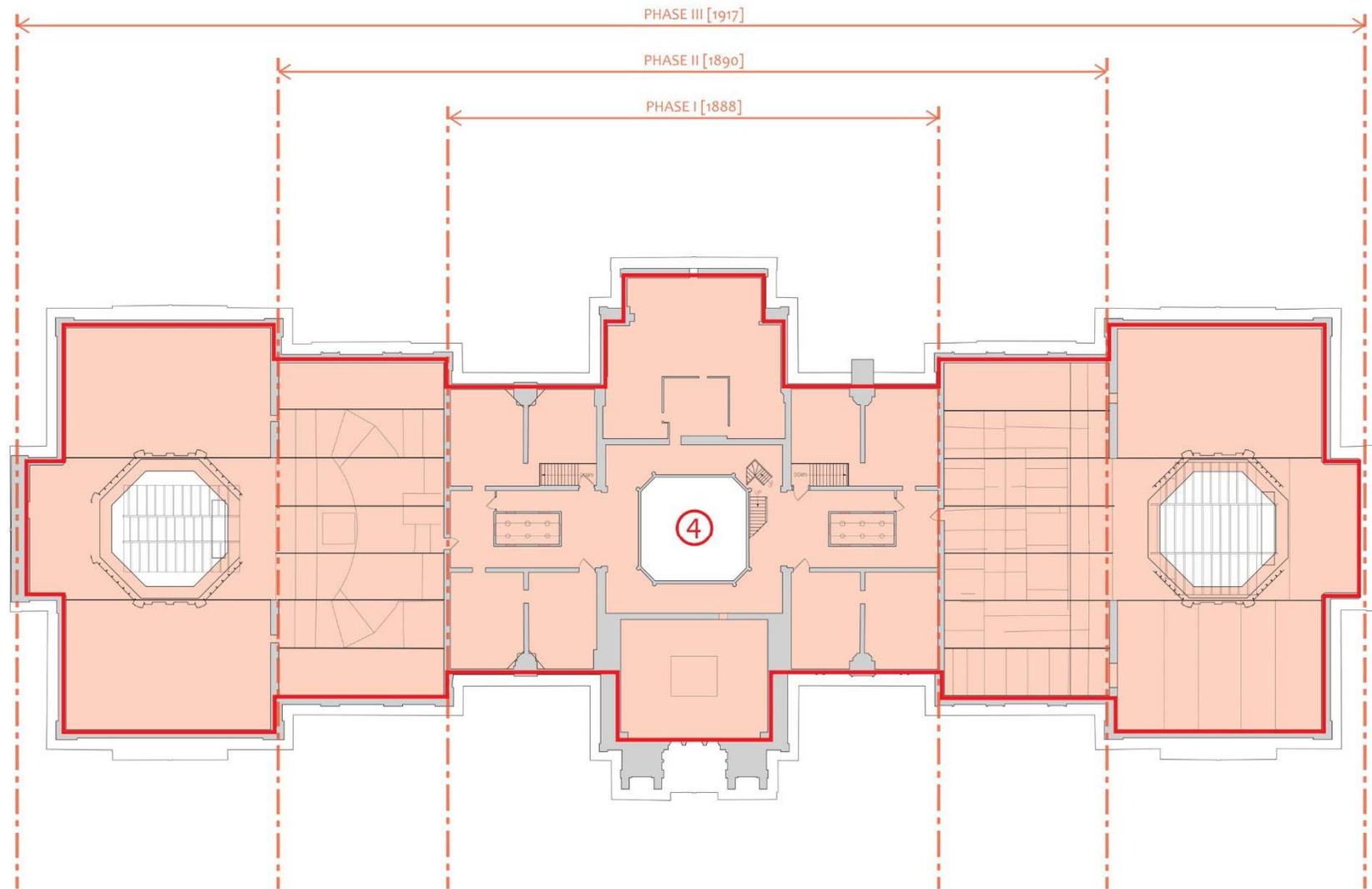
Preservation Zones



Third Floor Plan

- ① PRESERVATION ZONE #1 RESTORATION
- ② PRESERVATION ZONE #2 PRESERVATION
- ③ PRESERVATION ZONE #3 REHABILITATION
- ④ PRESERVATION ZONE #4 SERVICE AREA [DEPENDENT ON MECHANICAL LAYOUT, SOME BASEMENT AREAS MAY BECOME ZONE #4]

Preservation Zones



Attic Floor Plan

- ① PRESERVATION ZONE #1 RESTORATION
- ② PRESERVATION ZONE #2 PRESERVATION
- ③ PRESERVATION ZONE #3 REHABILITATION
- ④ PRESERVATION ZONE #4 SERVICE AREA [DEPENDENT ON MECHANICAL LAYOUT, SOME BASEMENT AREAS MAY BECOME ZONE #4]



Our Constitution



The mission of our project team is to reintroduce Virginia's 200 year old Capitol building as a symbol of a prosperous and democratic state.

Through partnerships with the citizens of the Commonwealth and private enterprise it will remain a working Capitol as we move toward the 400th anniversary of the establishment of Jamestown. Beginning in January of 2007 the completed restoration of the Capitol will be unveiled as a distinctive component of Virginia's efforts to preserve the state's heritage.



In achieving our mission we will utilize resources in an affordable, fair and consistent manner for the benefit of all Virginians. Our stewardship will foster a symbiotic relationship with the public and ensure a safe working environment for our team.



In the process of extending the life of this historic building we commit ourselves to sustaining the integrity, viability and dignity of the Capitol. This commitment will continue Thomas Jefferson's vision and will provide accessibility to governance, while guaranteeing its vitality for future generations.

Prepared by Executive Committee, September 2003

WORK PLAN TO DECEMBER 1

- 1) JULY 29 – DEFINE PROBLEM (program)
- 2) AUG 15 – DEFINE PROBLEM (building)
OPTION PREVIEW
- 3) AUG 29 – OPTION REVIEW
- 4) SEPT 25 – OPTION ENDORSE
- 5) OCT 8 – DRAFT REPORT
- 6) OCT 16 – SBC
- 7) DEC 1 – ISSUE REPORT

QUESTIONS?



29 July 2013