



PRINCETON UNIVERSITY
ART MUSEUM
PLANNING BOARD
PRESENTATION
MARCH 4, 2021



PRINCETON
UNIVERSITY

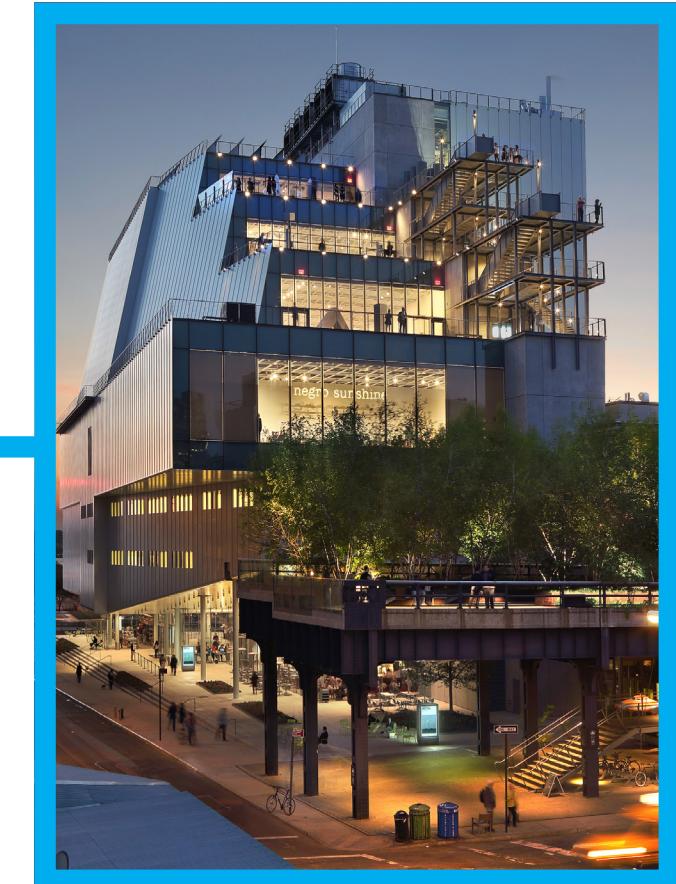
SMITHSONIAN
NMAAHC
ADJAYE ASSOCIATES



THE STUDIO MUSEUM
IN HARLEM
SCHEDULED COMPLETION 2023



WHITNEY MUSEUM
OF AMERICAN ART
COOPER ROBERTSON



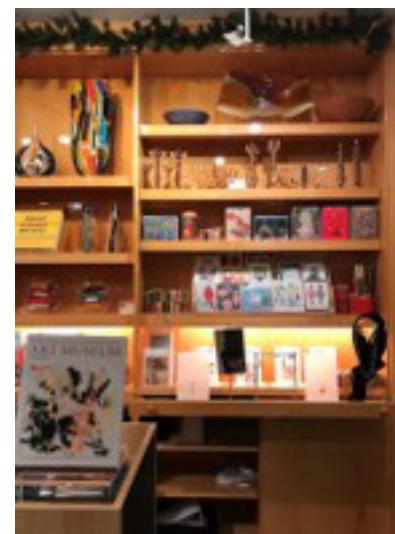
PROJECT GOALS

- PROVIDE A GATEWAY TO THE UNIVERSITY'S INTELLECTUAL RESOURCES
- FUNCTION AS A CENTER FOR THE VISUAL ARTS AND HUMANITIES
- ENHANCE ACCESS TO THE VISUAL ARTS, INCLUDING DISPLAY OF/ACCESS TO THE COLLECTIONS
- ENGAGE EQUITABLY WITH THE GLOBE-SPANNING CULTURES WITHIN THE MUSEUM'S PURVIEW
- DEEPEN THE USE OF THE MUSEUM & ITS COLLECTIONS IN TEACHING, RESEARCH, AND PUBLIC ENGAGEMENT
- PROVIDE WELCOMING EDUCATIONAL EXPERIENCES FOR UNIVERSITY AND COMMUNITY AUDIENCES



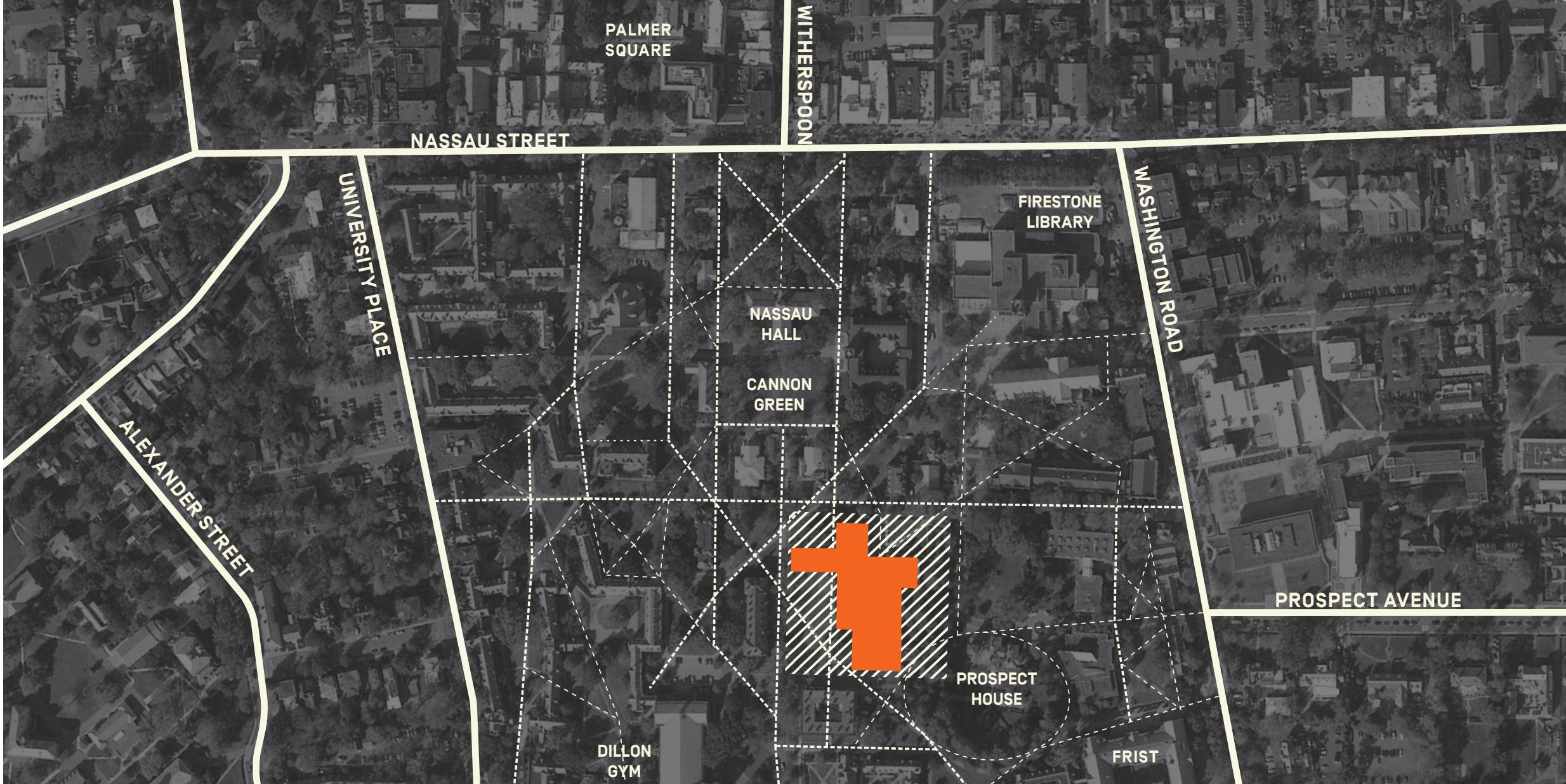
KEY BENEFITS

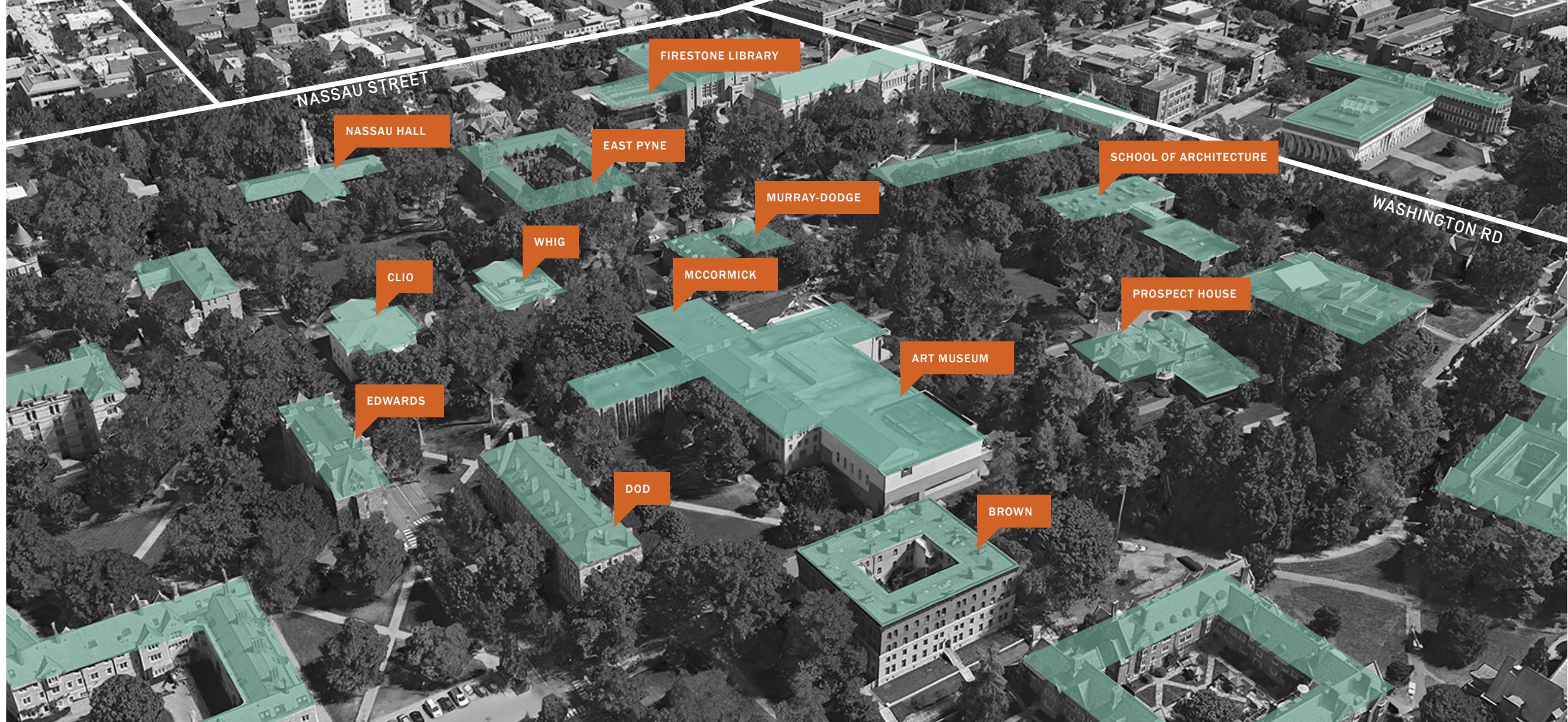
- CREATE ARCHITECTURE THAT ENHANCES ACCESSIBILITIES AND OVERCOMES BARRIERS TO PARTICIPATION
- CREATE ARCHITECTURE WORTHY OF THE QUALITY OF THE COLLECTIONS
- CREATE ARCHITECTURE THAT IS OF OUR TIME BUT RESPONDS TO THE CONTEXT OF THE SITE
- ENHANCE ACCESS TO THE COLLECTIONS THROUGH DIVERSE STRATEGIES OF VISUAL ENGAGEMENT
- PLACE DIVERSE CULTURES ON EQUITABLE FOOTING
- RETAIN RELATIONSHIPS BETWEEN MUSEUM/ART & ARCHAEOLOGY/MARQUAND, BUT SEPARATE FUNCTIONS
- INCREASE THE MUSEUM'S VISIBILITY
- CREATE A BUILDING THAT IS "ALL FRONTS AND NO BACKS"





CONTEXT &
PLANNING PRINCIPLES

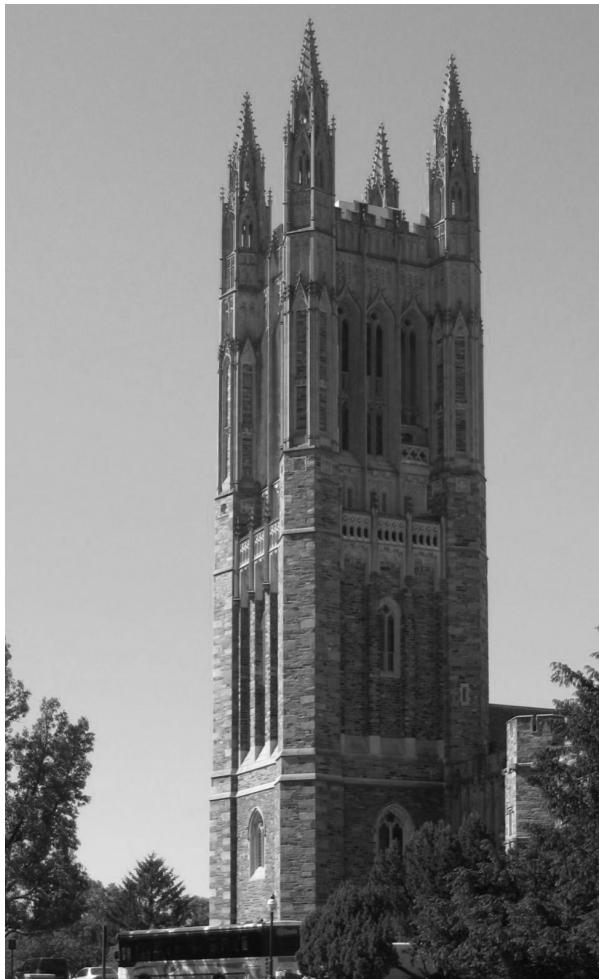




EXISTING MUSEUM: 72,000 GSF
PROPOSED MUSEUM: 125,000 GSF

PROPOSED DEPT. OF A&A: 19,000 GSF
TOTAL NEW CONSTRUCTION: 144,000 GSF

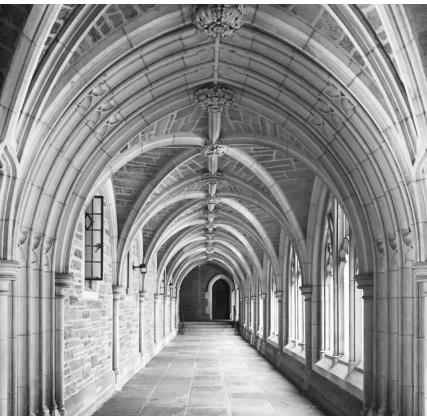




GRADUATE COLLEGE



HOLDER HALL



HOLDER HALL



MCCORMICK HALL
STEINMANN AND CAIN



ROBERTSON HALL
MINORU YAMASAKI



PRINCETON TRANSIT CENTER RICK JOY



PRINCETON UNIVERSITY CHAPEL

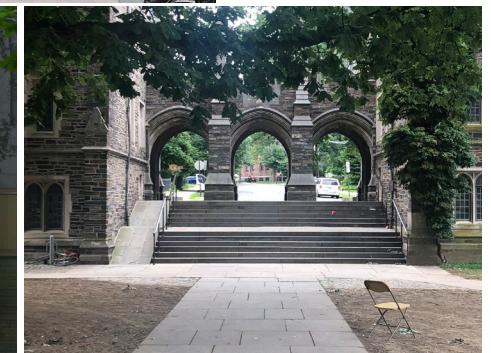
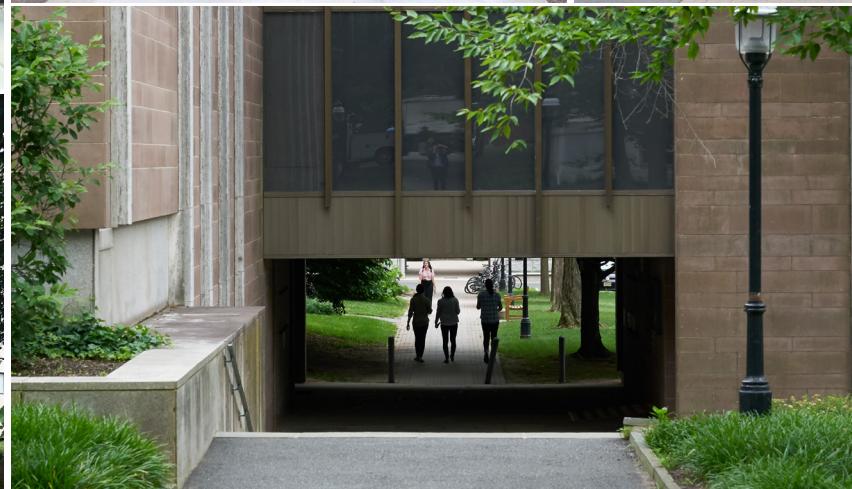


WHIG HALL



PRINCETON UNIVERSITY
ART MUSEUM
MARCH 4, 2021

PLANNING BOARD PRESENTATION ARCHITECTURAL TRADITIONS



HEAD CREST, LATE 19TH CENTURY
EFUT ARTIST



CHRIST AND MARY IN GLORY
WITH GROUP OF SAINTS, 1380-1390
CENNI DI FRANCESCO DI SER CENNI



GUANYIN SEATED IN
ROYAL EASE POSE, CA. 1250
SOUTHERN SONG DYNASTY, CHINESE



UNTITLED, 1990
KIKI SMITH



PERSPECTIVE I, 1962
RUTH BERNHARD



COLLECTIONS DISPLAY ON SINGLE FLOOR

MENIL COLLECTION COURTYARD RENZO PIANO



VILLA BORGHESE FLAMINIO PONZIO



MUSEUM OF HISTORIC ART A. PAGE BROWN
(ORIGINAL PRINCETON ART MUSEUM, DEMOLISHED IN 1960'S)



YALE CENTER FOR BRITISH ART LOUIS I. KAHN



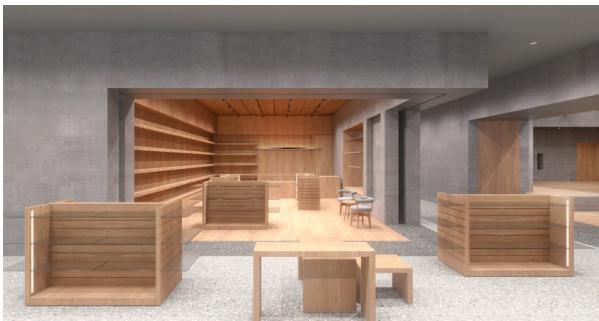


BUILDING PROGRAM

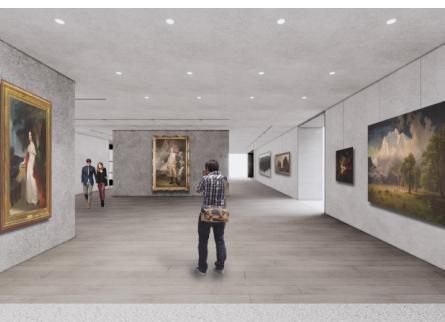
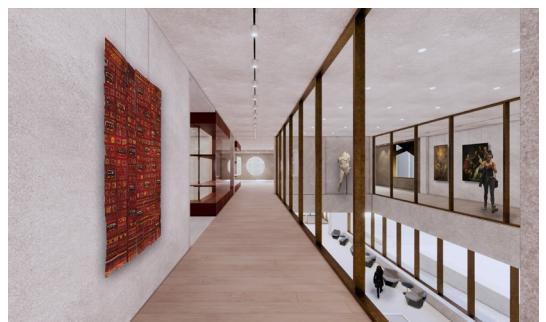
MUSEUM EDUCATIONAL SPACES, 76% INCREASE:- GRAND HALL - OBJECT STUDY ROOMS - CREATIVITY LABS

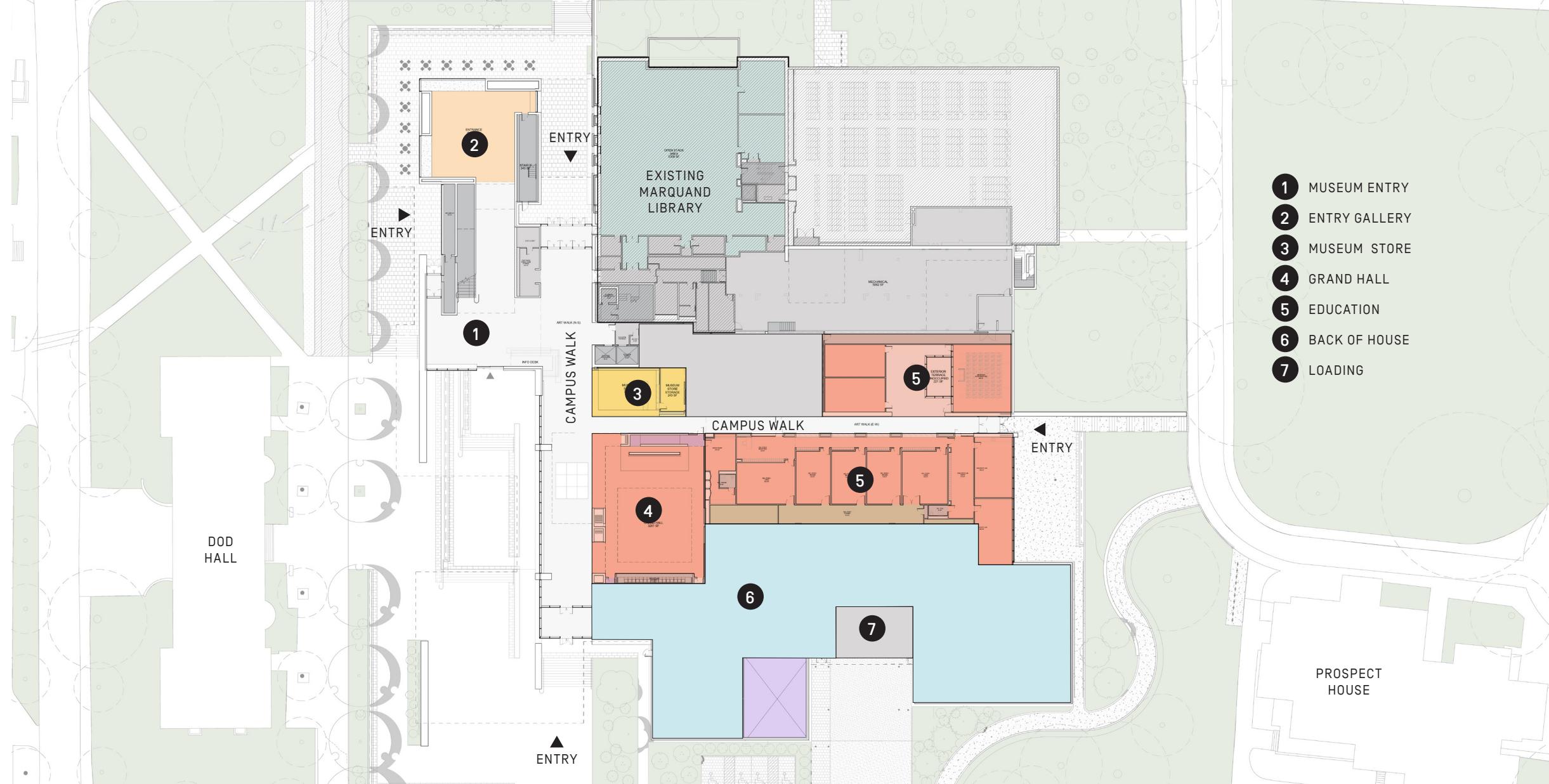


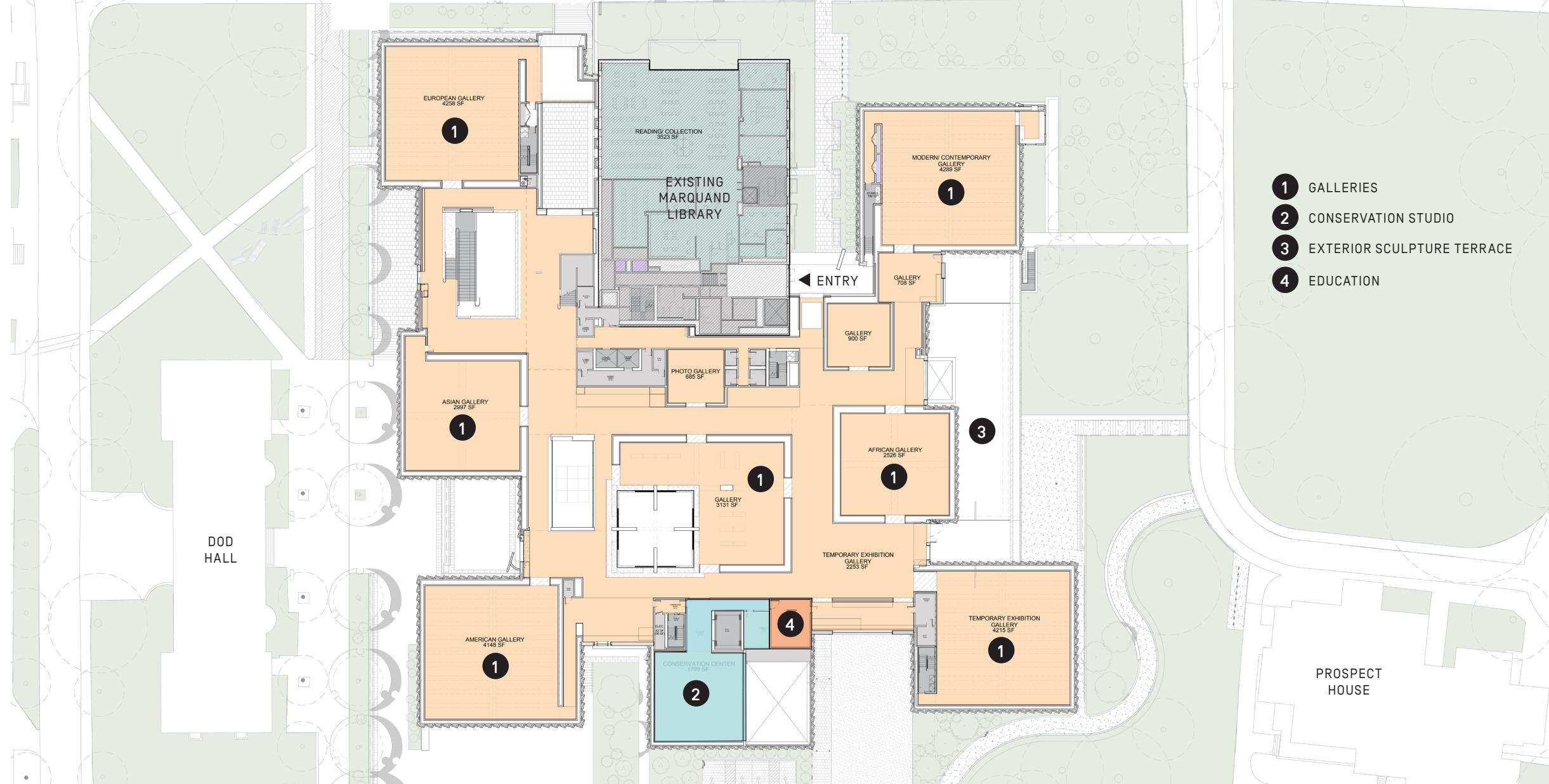
VISITOR AMENITIES, 80% INCREASE: - CAFE - RETAIL STORE - ART WALKS

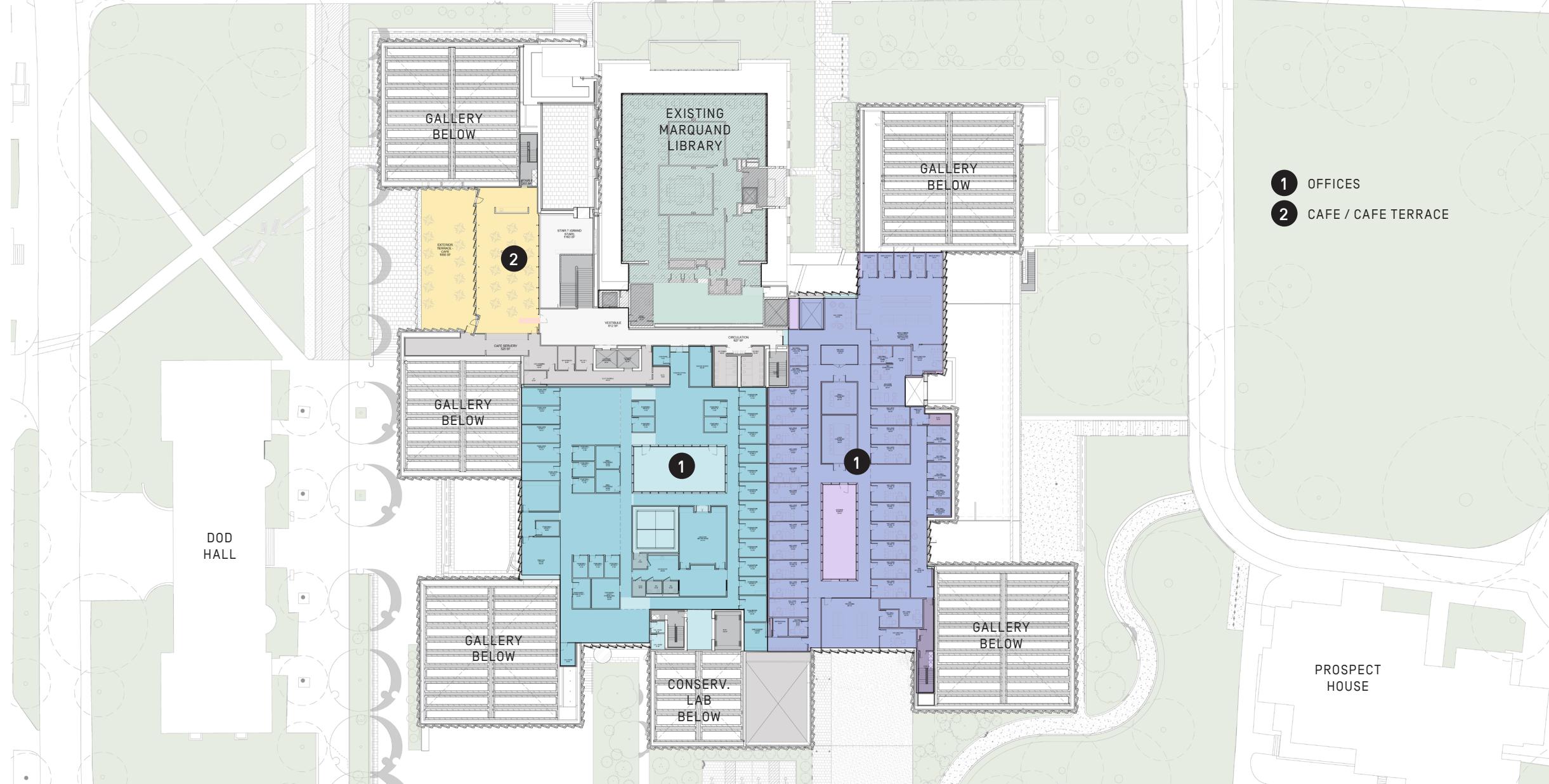


EXHIBITION AREA, 38% INCREASE





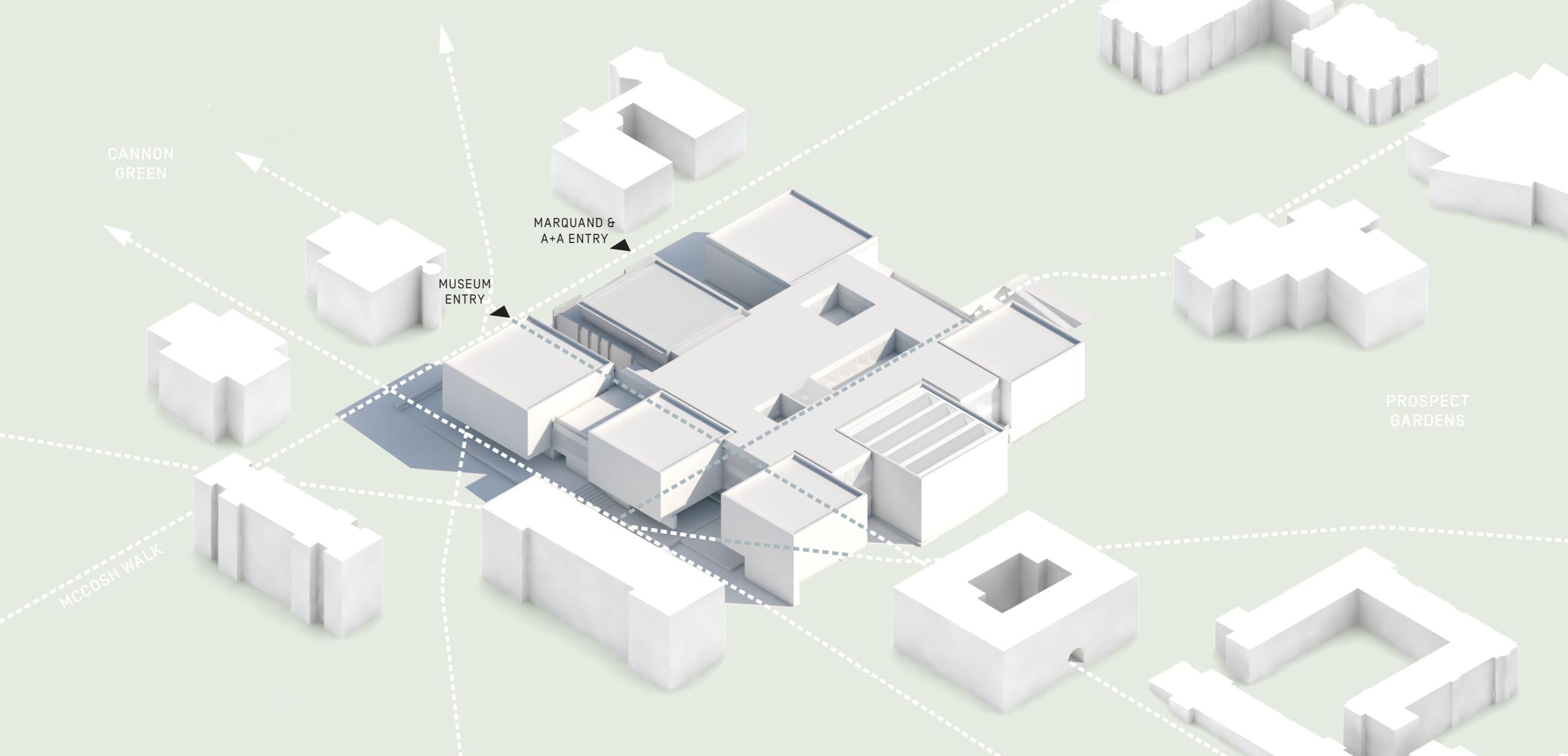


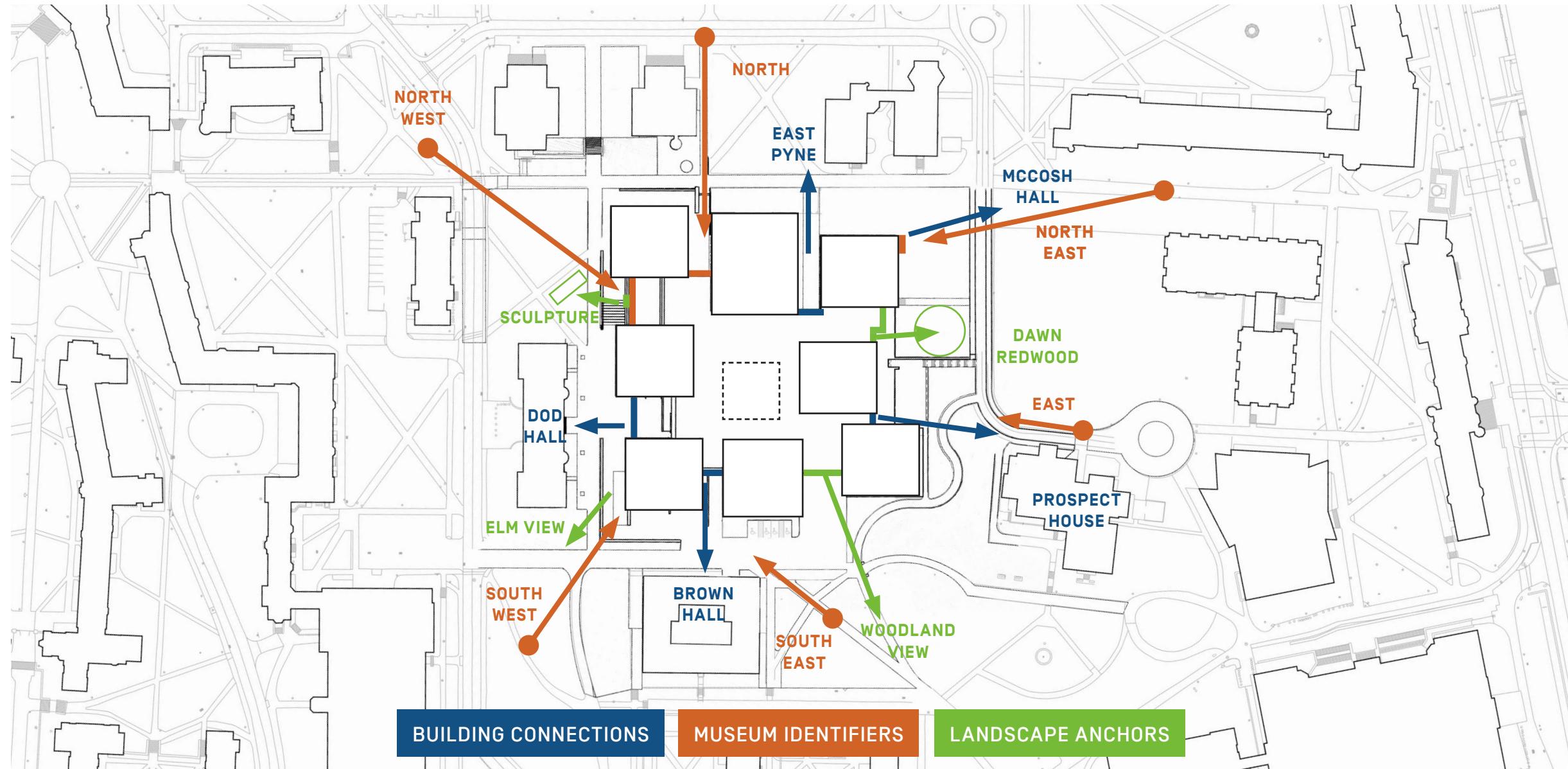


PRINCETON UNIVERSITY
ART MUSEUM
MARCH 4, 2021

PLANNING BOARD PRESENTATION

OFFICE FLOOR PLAN - LEVEL 3

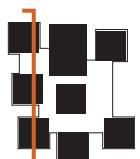
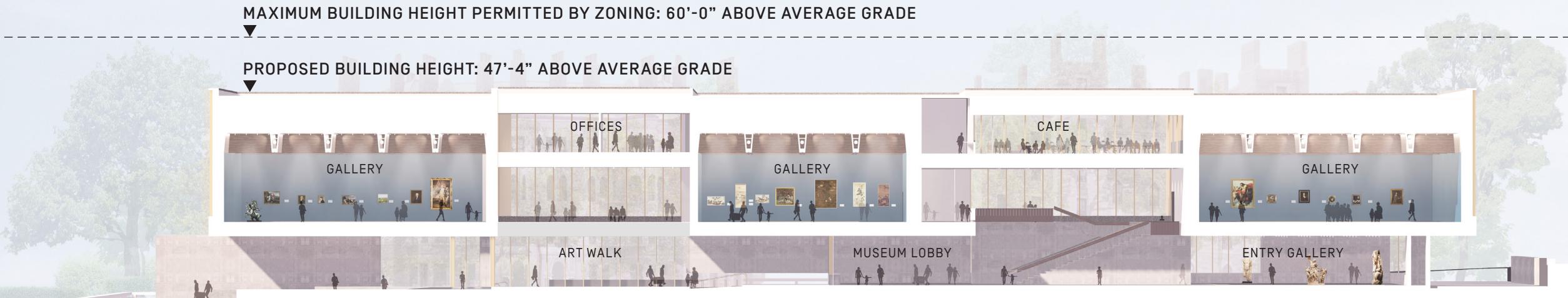




EXISTING BUILDING HEIGHT RANGE: 34'-2" (LOW ROOF) TO 60'-0" (TOP OF CRAM)

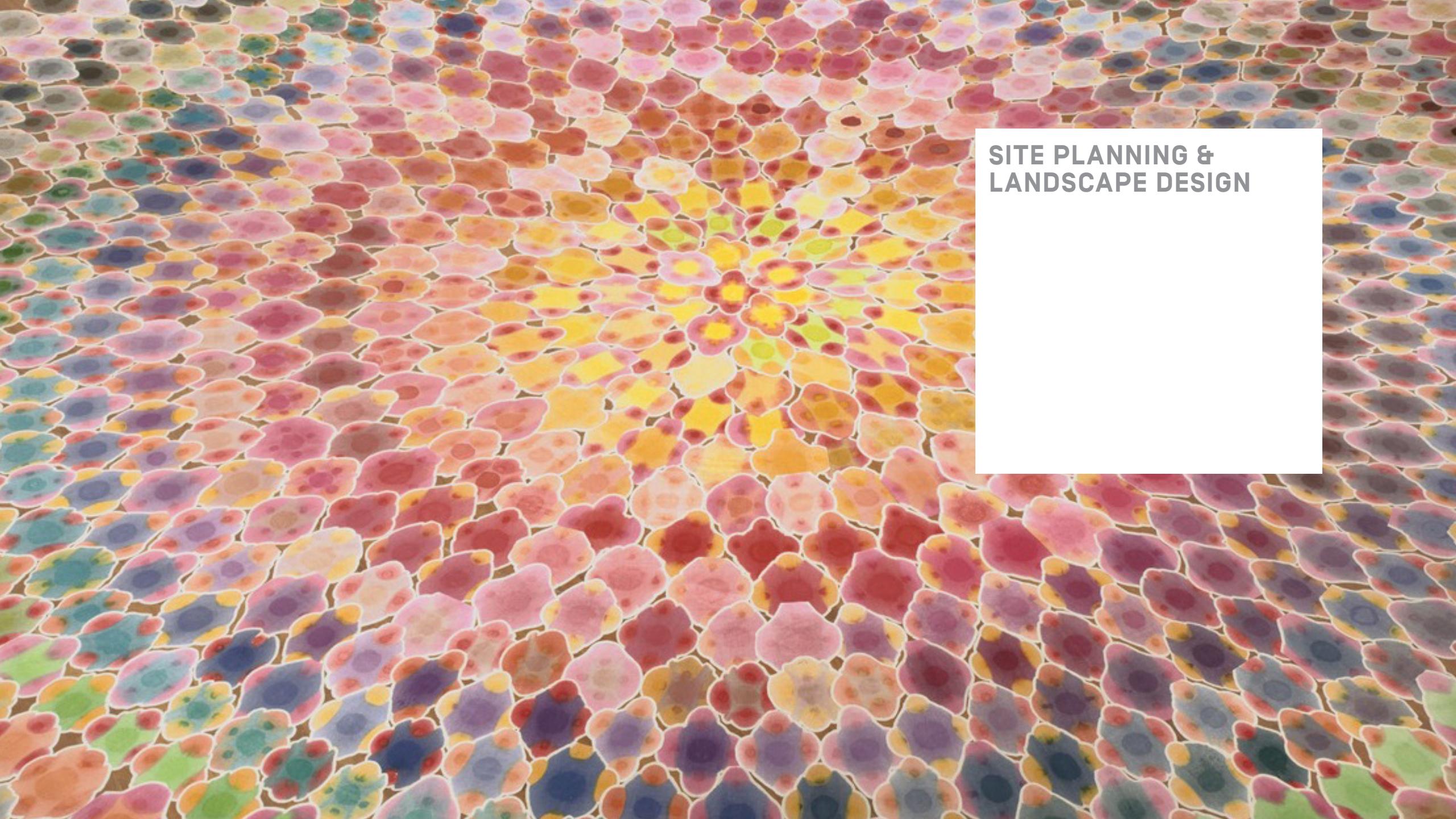
MAXIMUM BUILDING HEIGHT PERMITTED BY ZONING: 60'-0" ABOVE AVERAGE GRADE

PROPOSED BUILDING HEIGHT: 47'-4" ABOVE AVERAGE GRADE

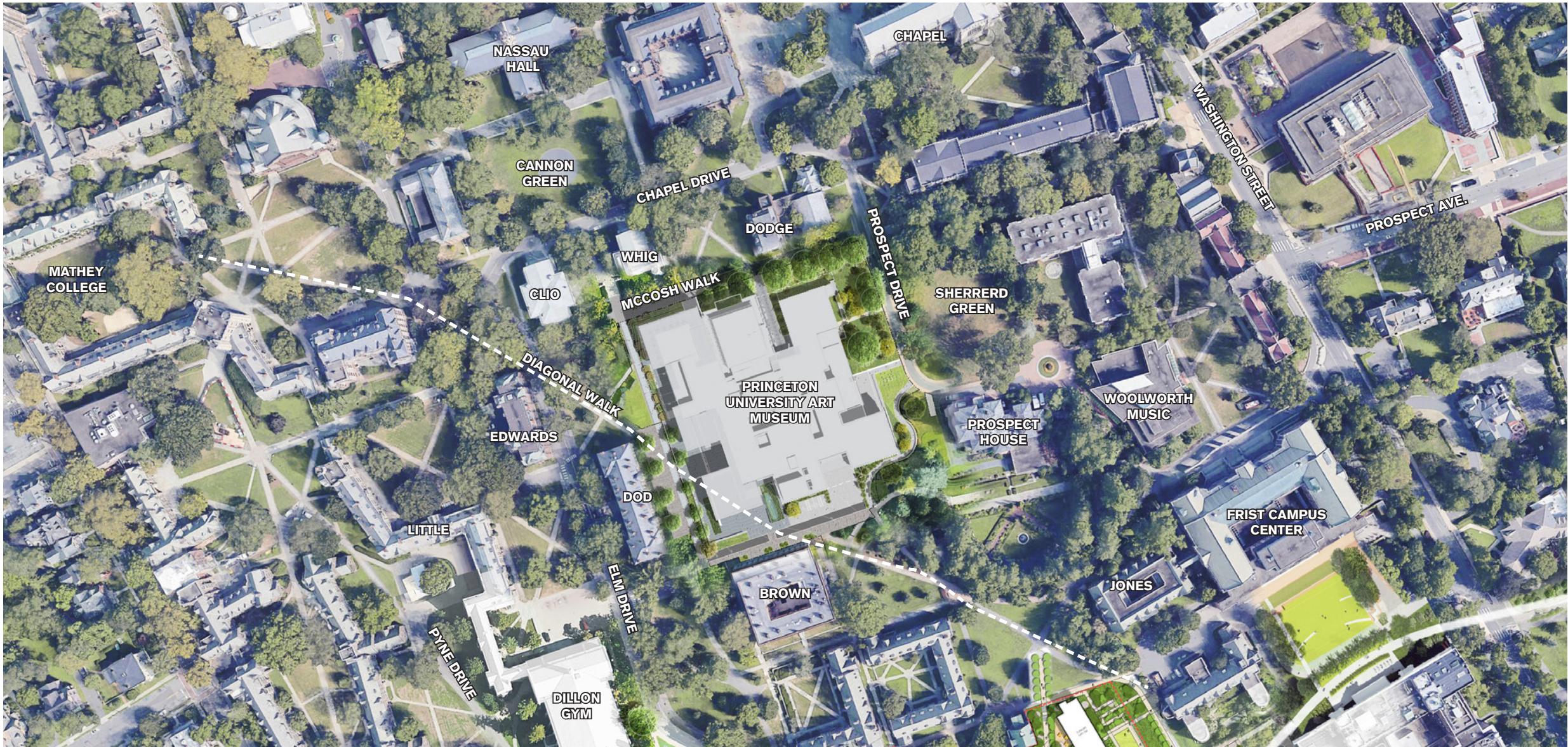


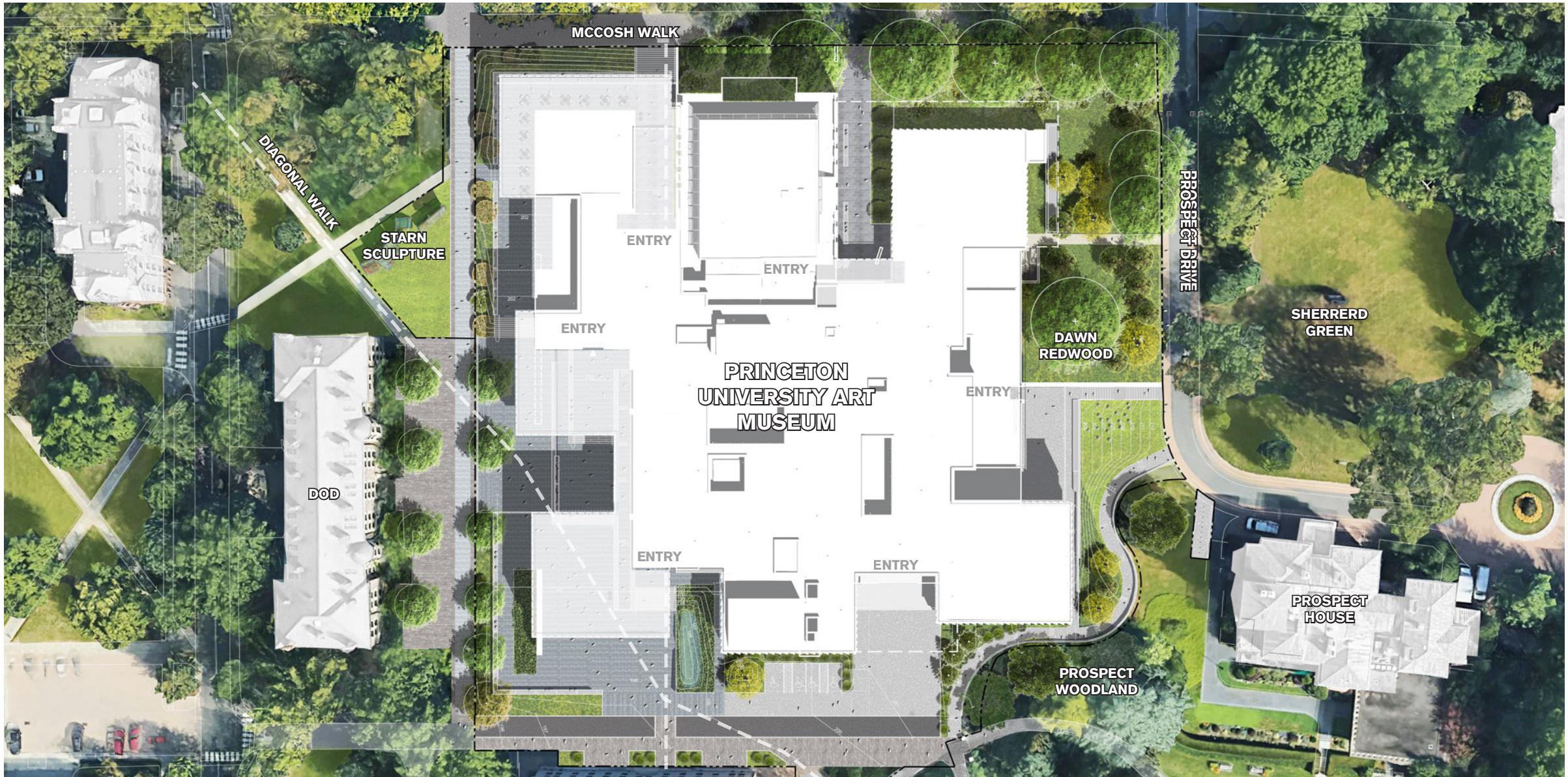
PRINCETON UNIVERSITY
ART MUSEUM
MARCH 4, 2021

PLANNING BOARD PRESENTATION
BUILDING SECTION



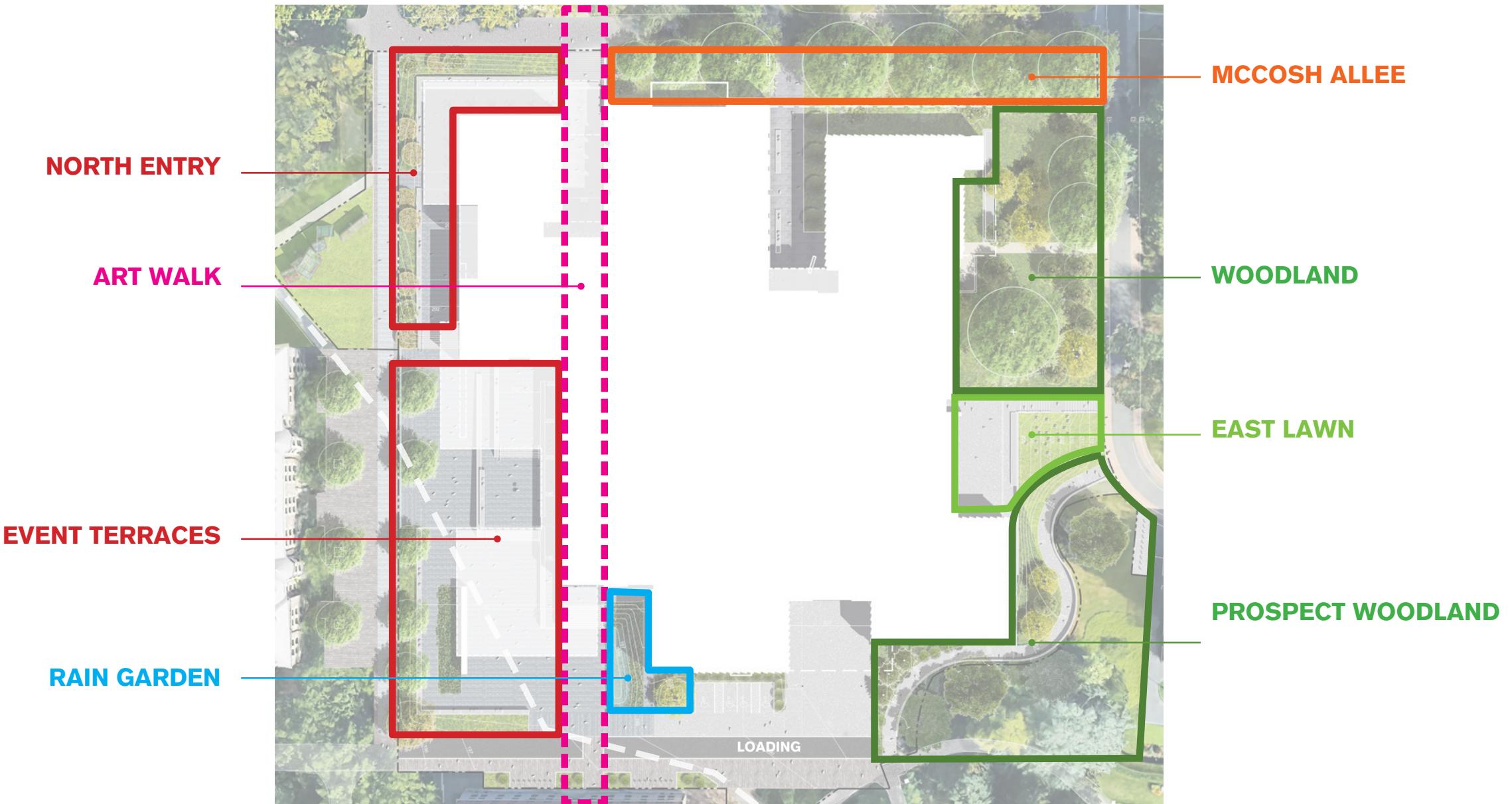
SITE PLANNING &
LANDSCAPE DESIGN

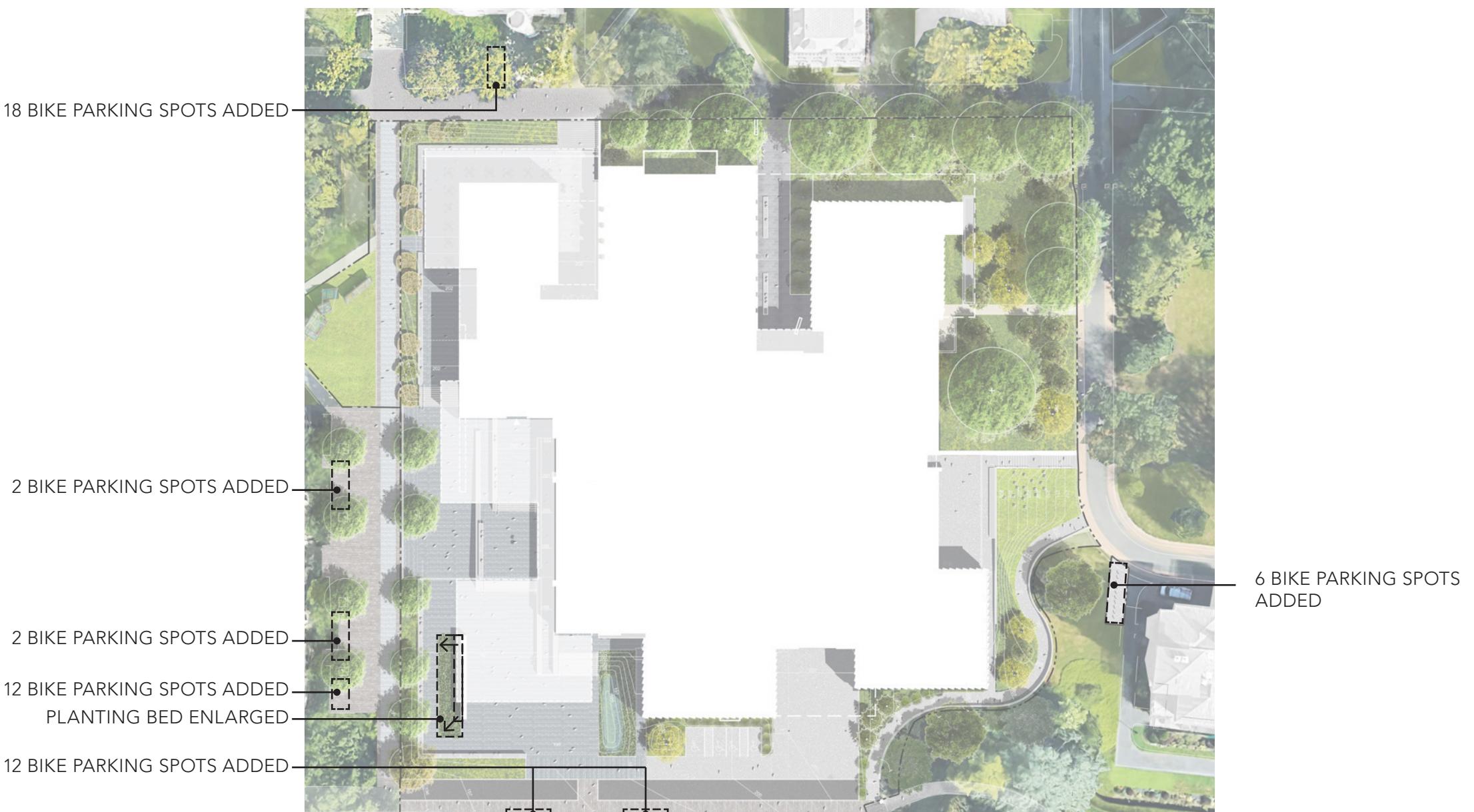


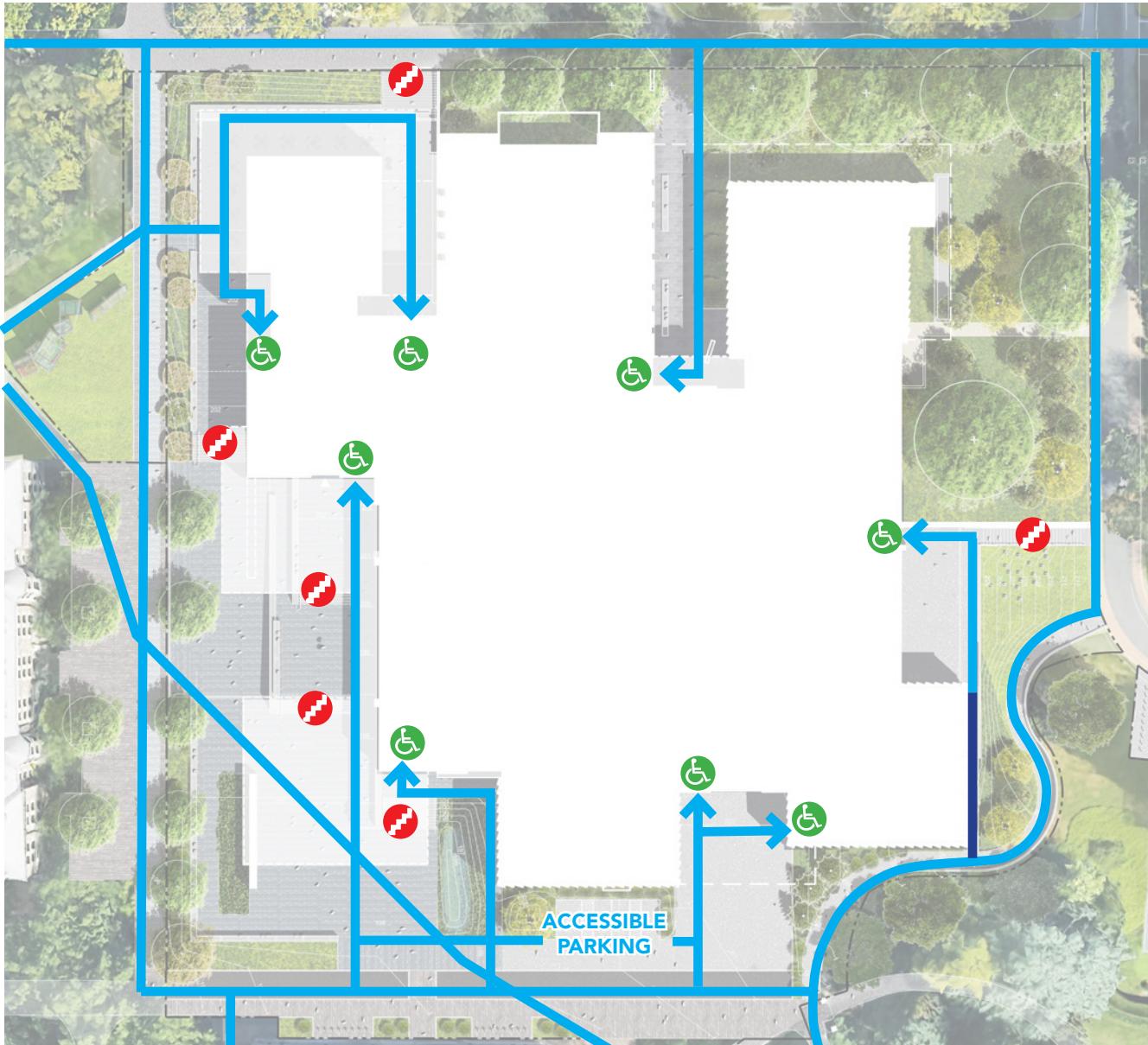


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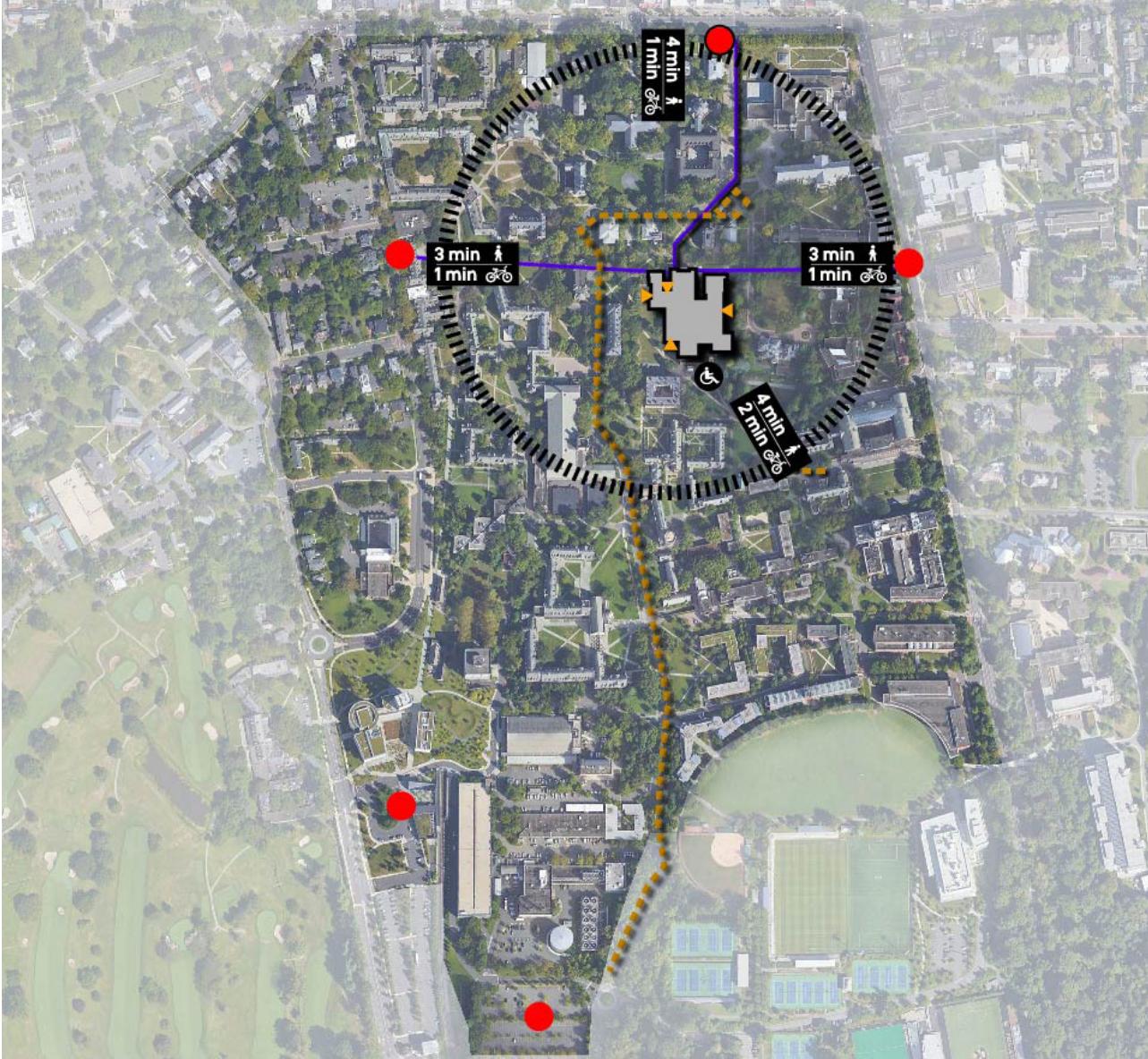
PLANNING BOARD PRESENTATION
SITE PLAN



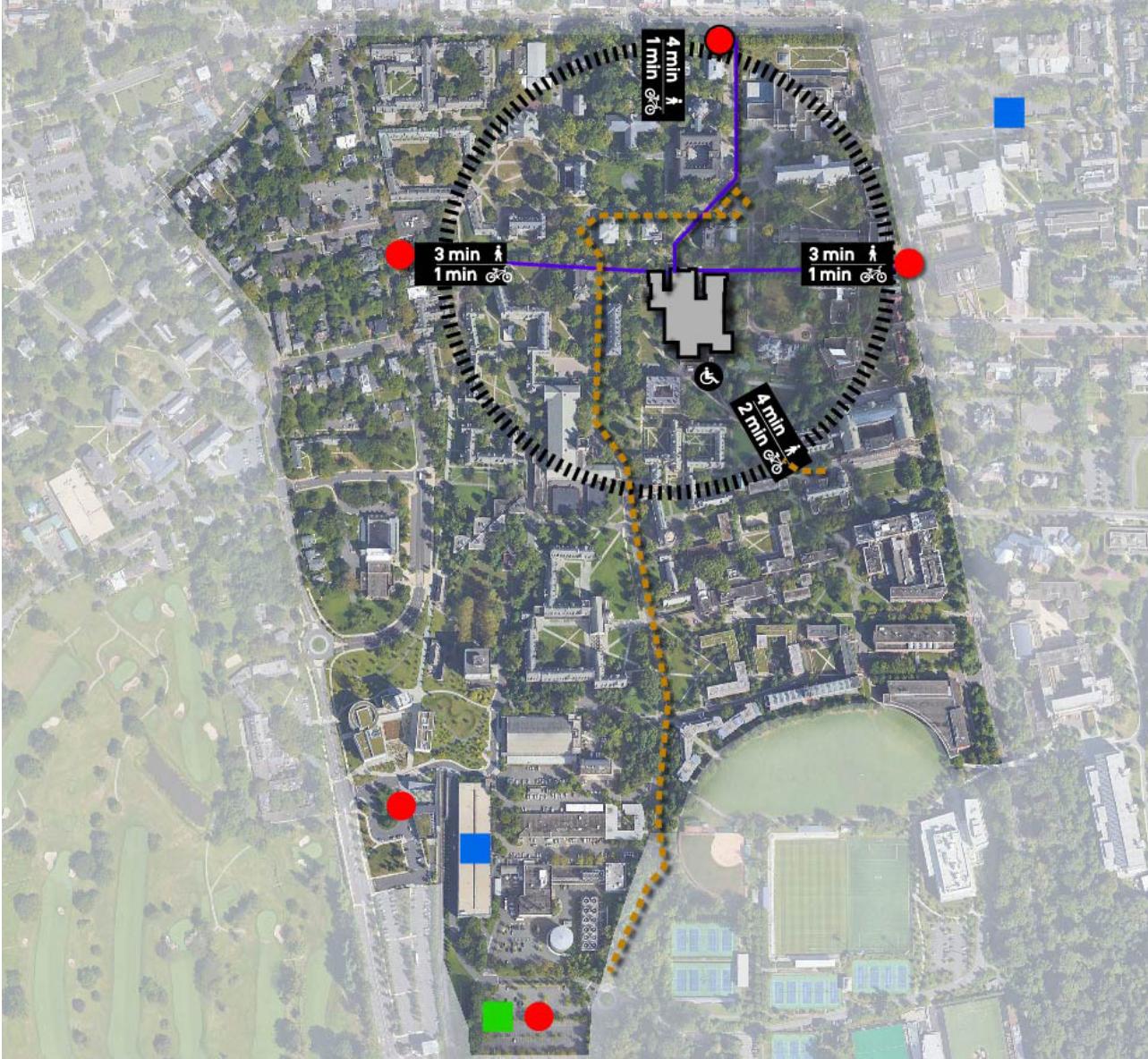




ACCESSIBLE ROUTES & PARKING

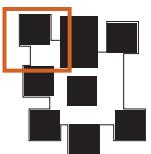
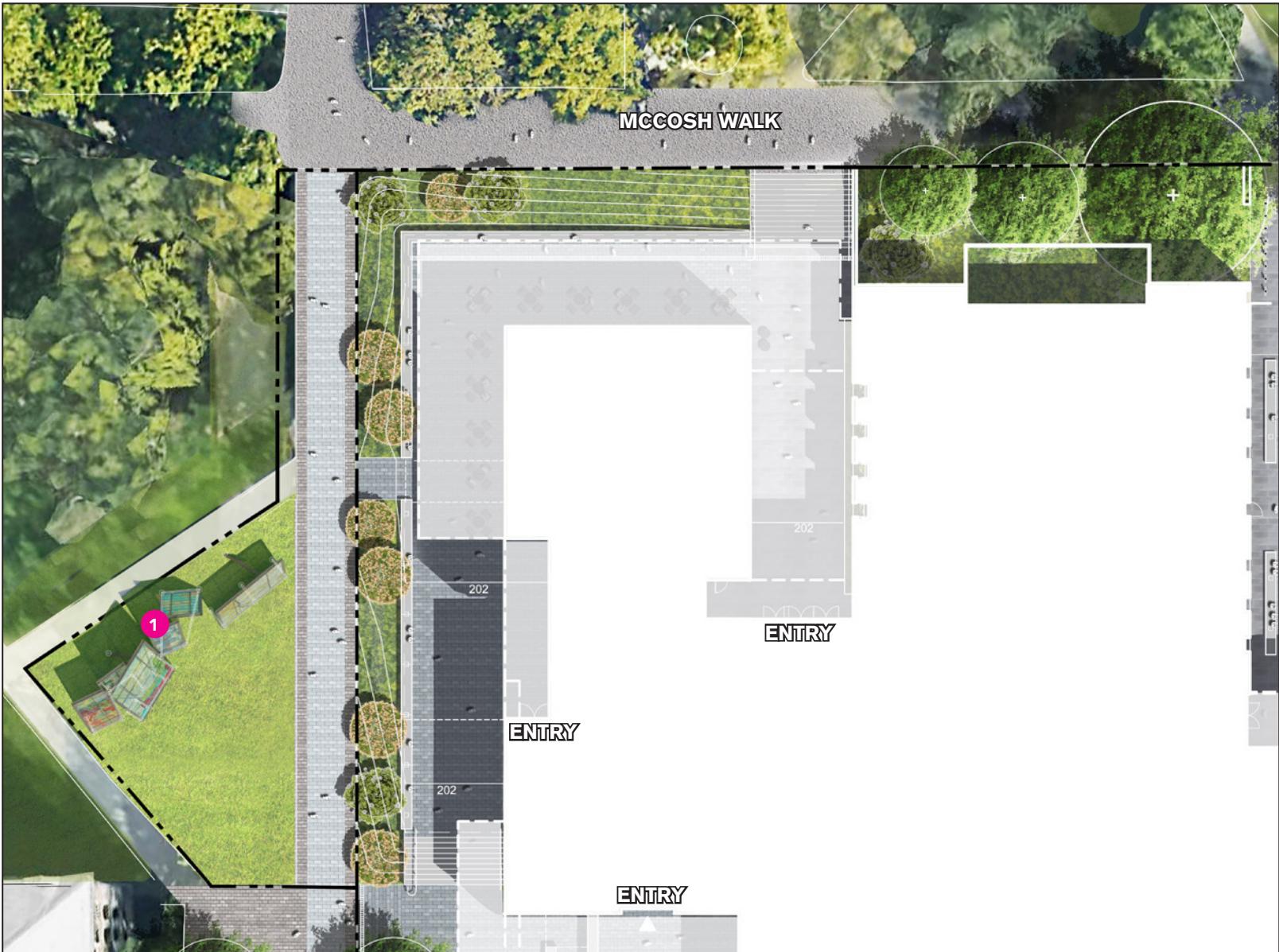


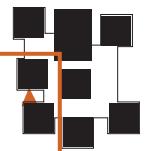
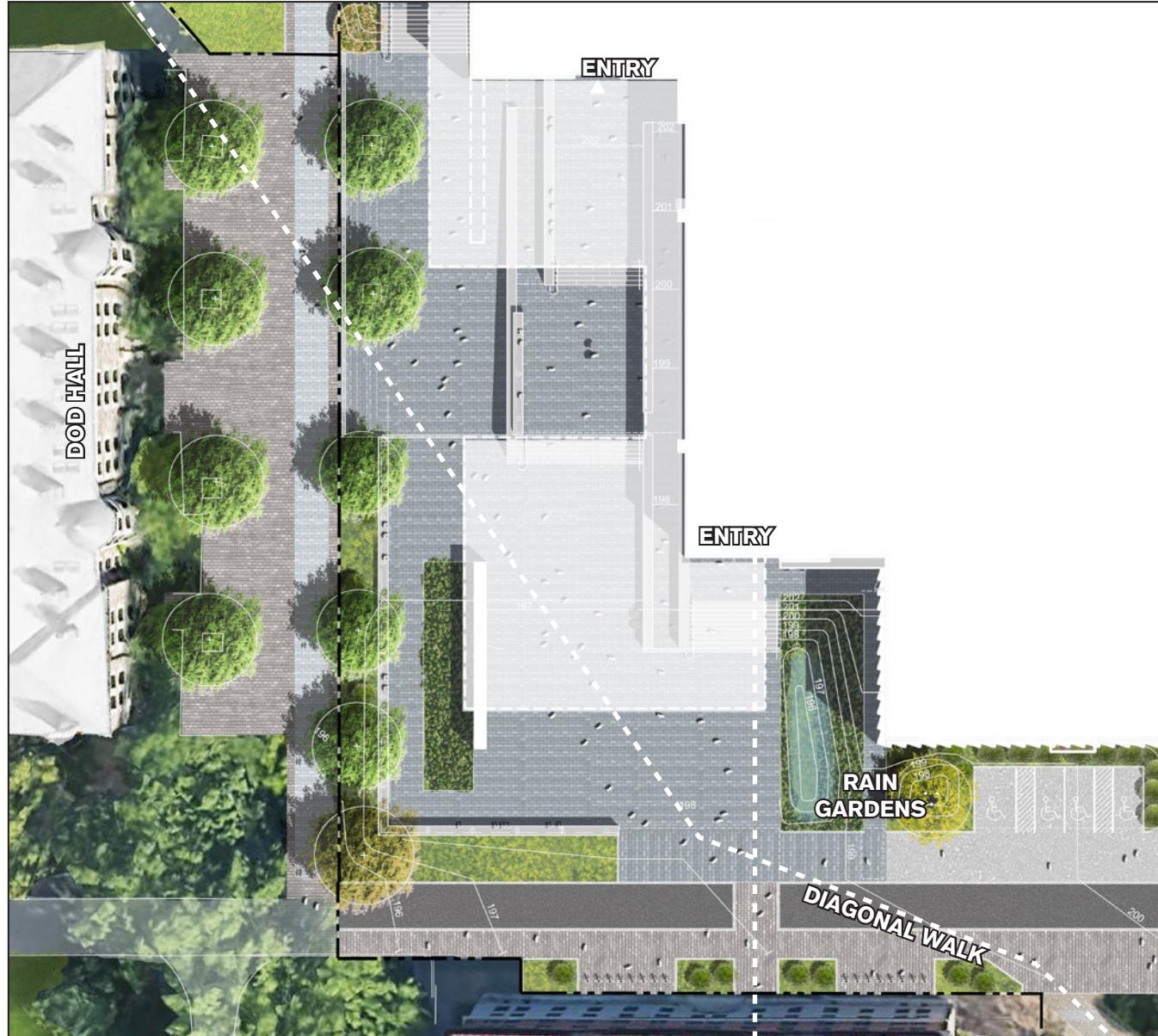
- ▲ ACCESSIBLE ENTRANCES
- 4 ACCESSIBLE PARKING SPOTS
- ART MUSEUM TIGER TRANSIT STOP
- TIGER TRANSIT STOP
- VISITOR DROP OFF
- CAMPUS WALKS





01. Starn Sculpture







REUNION

WHEN: Once in May

The SW courtyard is currently used for Reunions, including 8+ tents, dance floor, A/V equipment, cooking/grilling + more.



SUMMER PICNIC

WHEN: Once in August

ATTENDANCE: 1000 people

Very involved set up on Brown/Dod Quad. Guests bring their own chairs. Includes a jazz band.



SUMMER FILM SERIES

WHEN: Three times, June, July, August

ATTENDANCE: 150-300 people

Setup on Brown/Dod quad includes an inflatable screen, rear projector, and popcorn machine on a 6' table. Rented & set up by Ultimate Outdoor Movies. Guests bring own chairs.



NASSAU STREET SAMPLER

WHEN: September

ATTENDANCE: 2,000 people

Guests begin lining up outside the Museum (with the line extending past McCosh Walk). Outside, 2 or 3 vendors sit along the side of the building with 8' tables. Setup includes a large photo backdrop and an 8' table next to it for props.



YOGA ON THE LAWN

WHEN: June

ATTENDANCE: 30 people

Typically on the lawn next to East Pyne near the sculpture table. Guests then come into the Museum for refreshments.



FAMILY DAY

WHEN: Two times, October and May

ATTENDANCE: 1500 people

Outside table use (3 or 4 8' tables outside). 1,500 attendees per family day.



GRATITUDE GALA

WHEN: May

ATTENDANCE: 300 people

Check-in tables outside on terrace (2-8' tables).



DEVELOPMENT EVENTS

DINING ALFRESCO

ATTENDANCE: 20-60 people

TENTED RECEPTIONS

ATTENDANCE: 60-200 people

Space for kitchen tent, dance floor, band area, lounge area.



MUSIC AND DANCE PERFORMANCES

WHEN: N/A

ATTENDANCE: N/A

Currently occur on the Front Lawn along McCosh Walk.



K-12 STUDENT LUNCHES

WHEN: N/A

ATTENDANCE: N/A

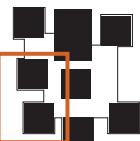
Currently occur on the Front Lawn along McCosh Walk.

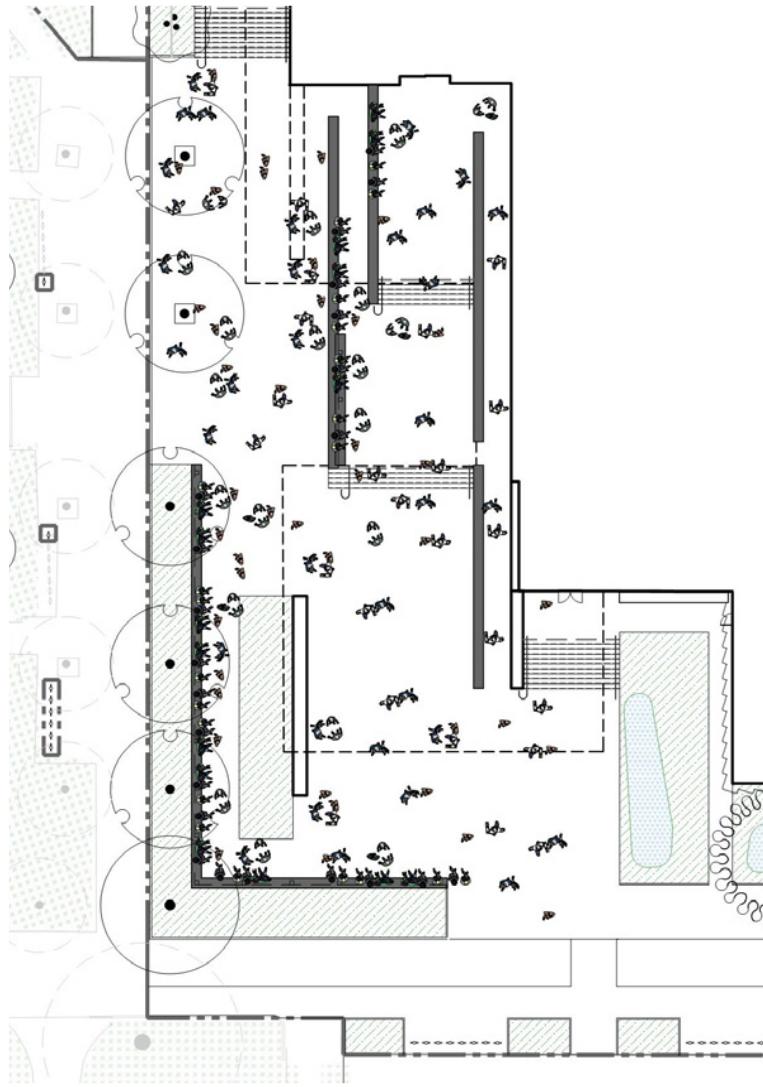


OUTDOOR CAFE SEATING

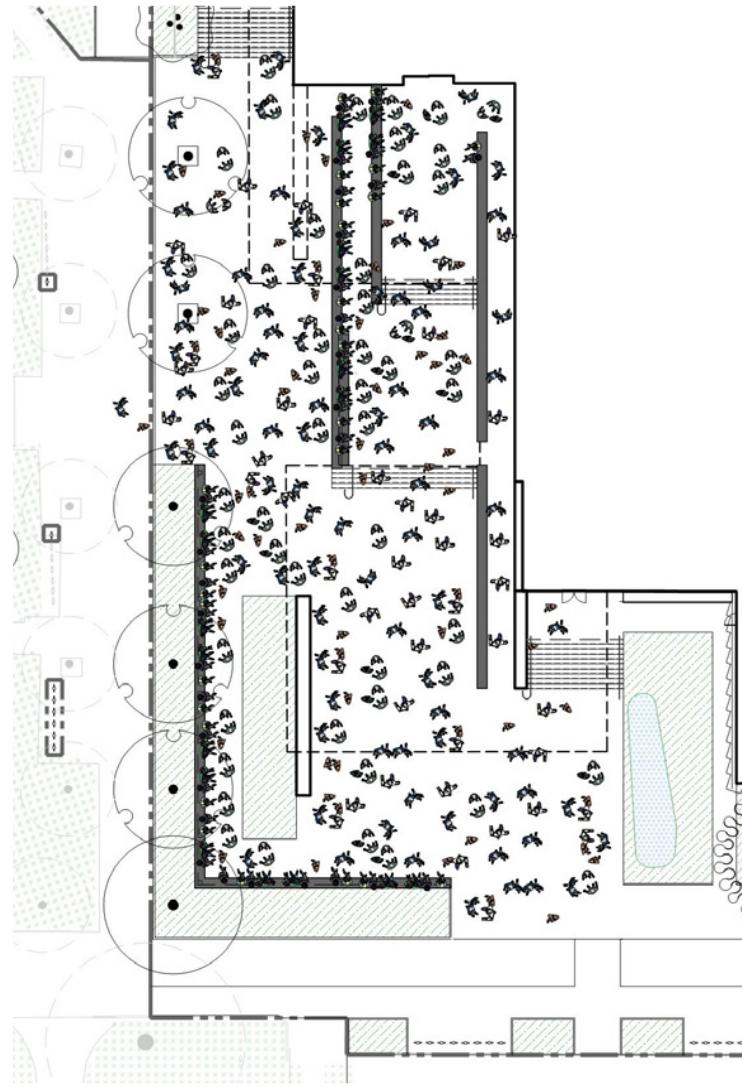
WHEN: N/A

ATTENDANCE: 8 tables

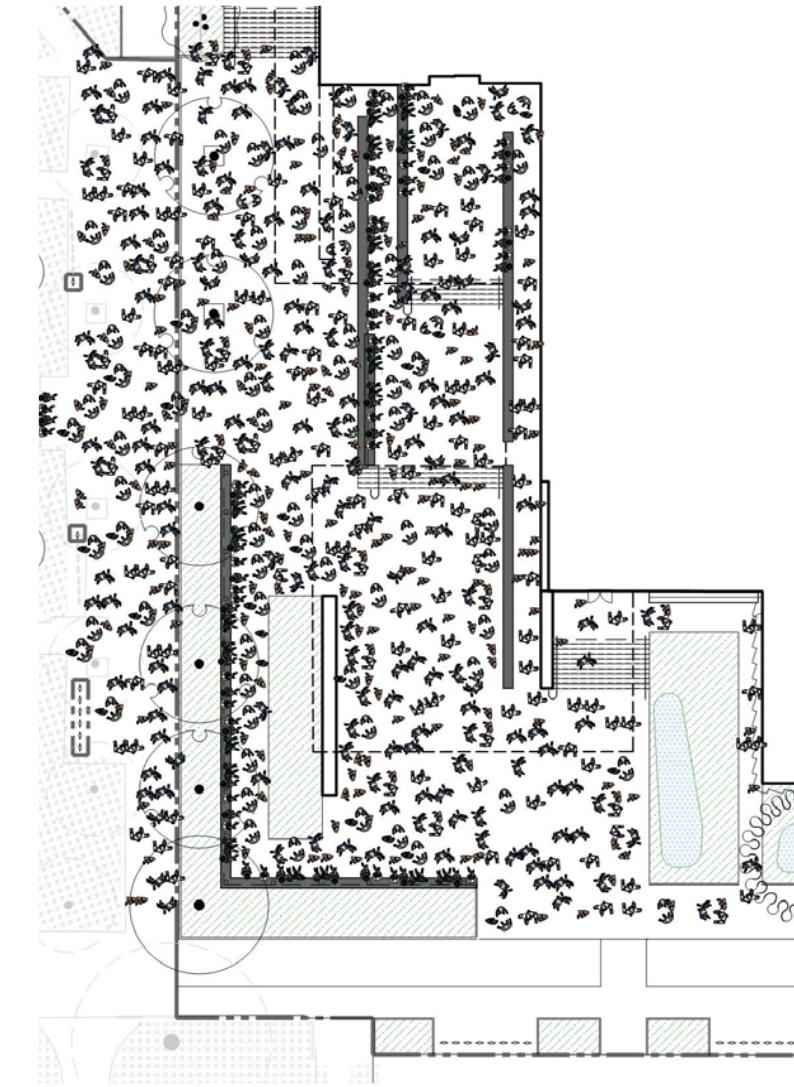




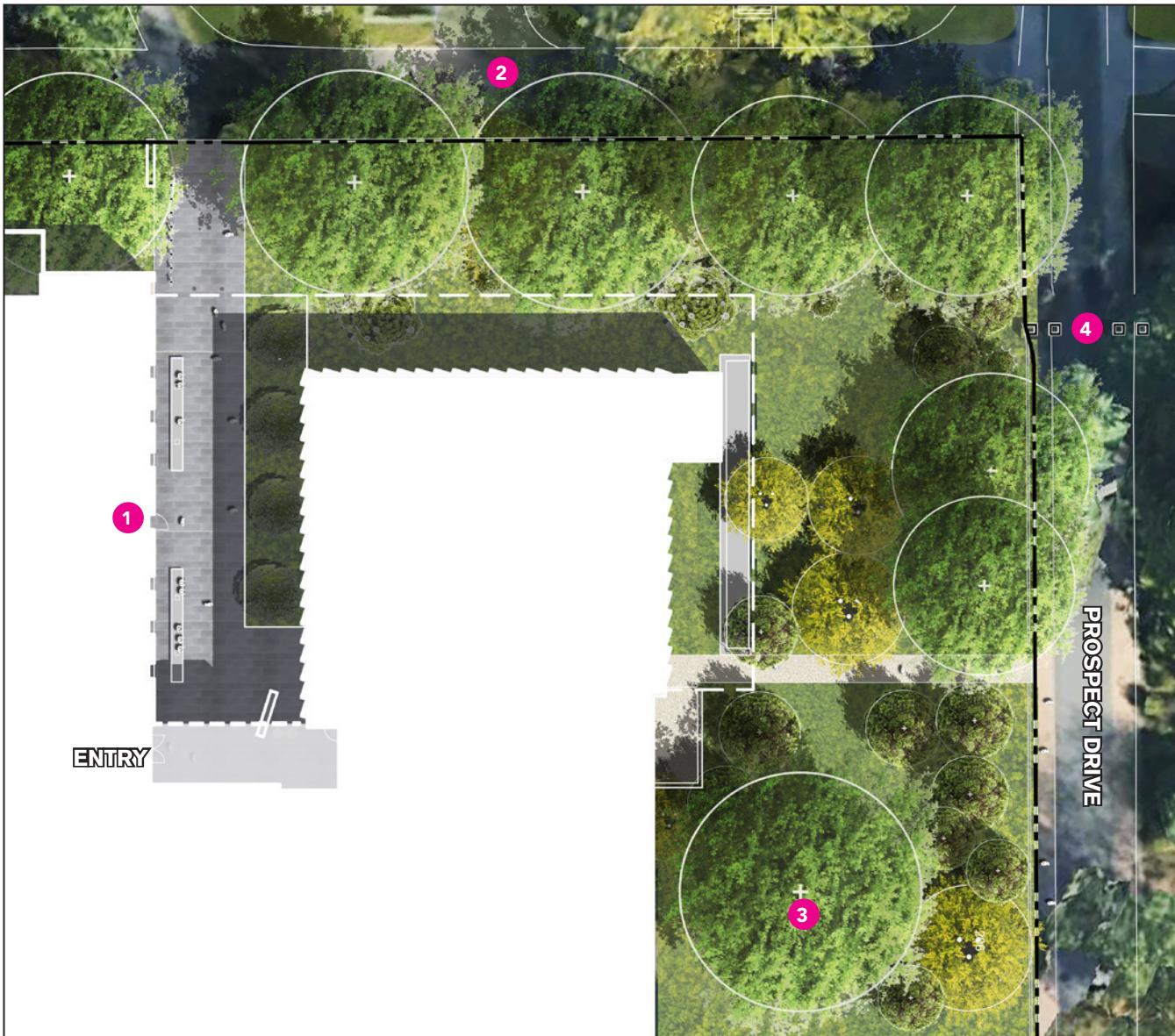
250 PEOPLE
60 SF/PERSON STANDING



500 PEOPLE
30 SF/PERSON STANDING



1000 PEOPLE
15 SF/PERSON STANDING



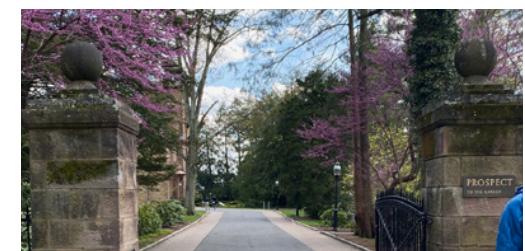
01. Marquand



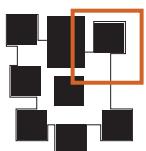
02. McCosh Walk

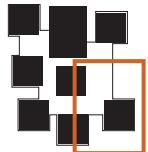
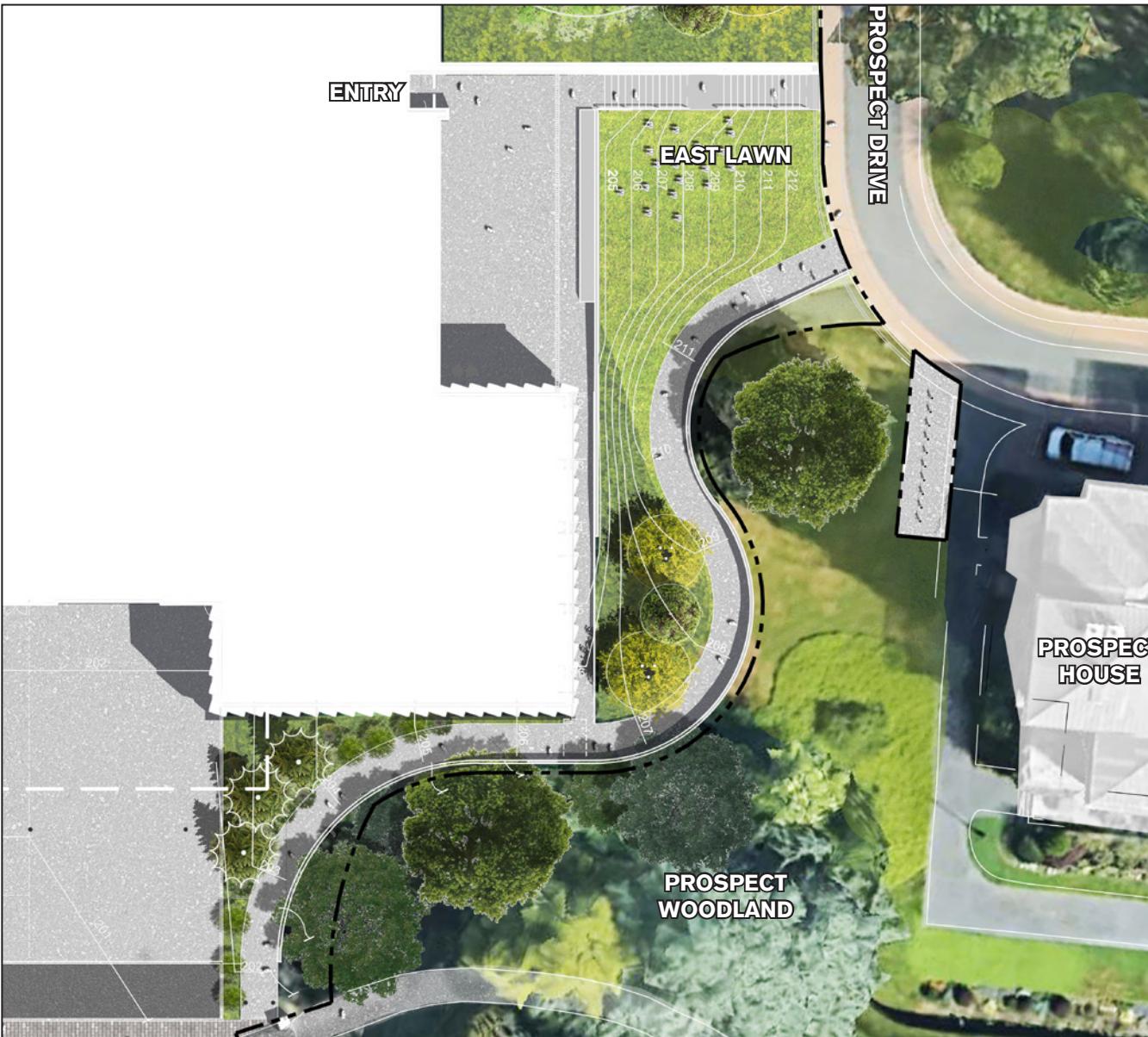


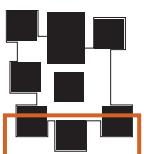
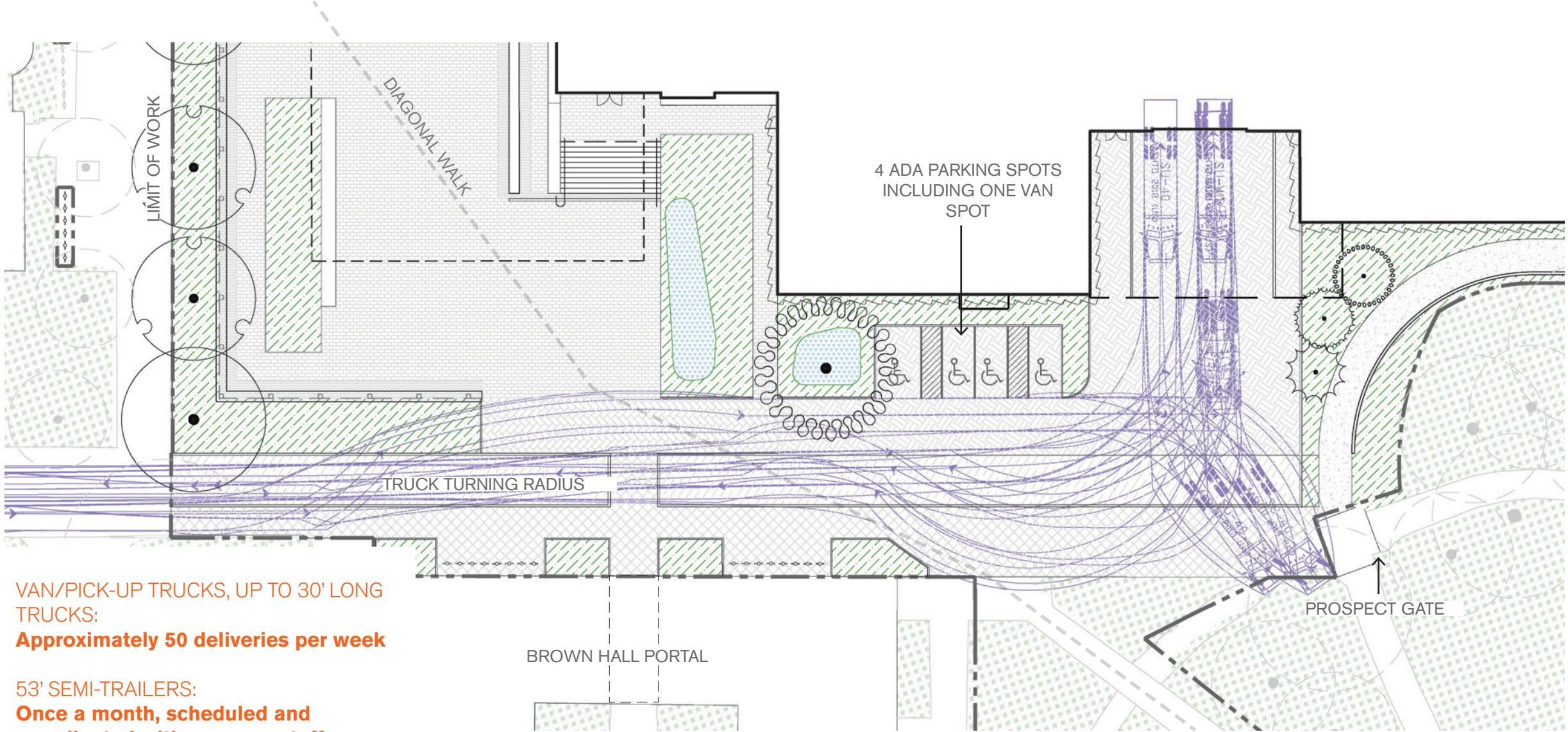
03. Dawn Redwood

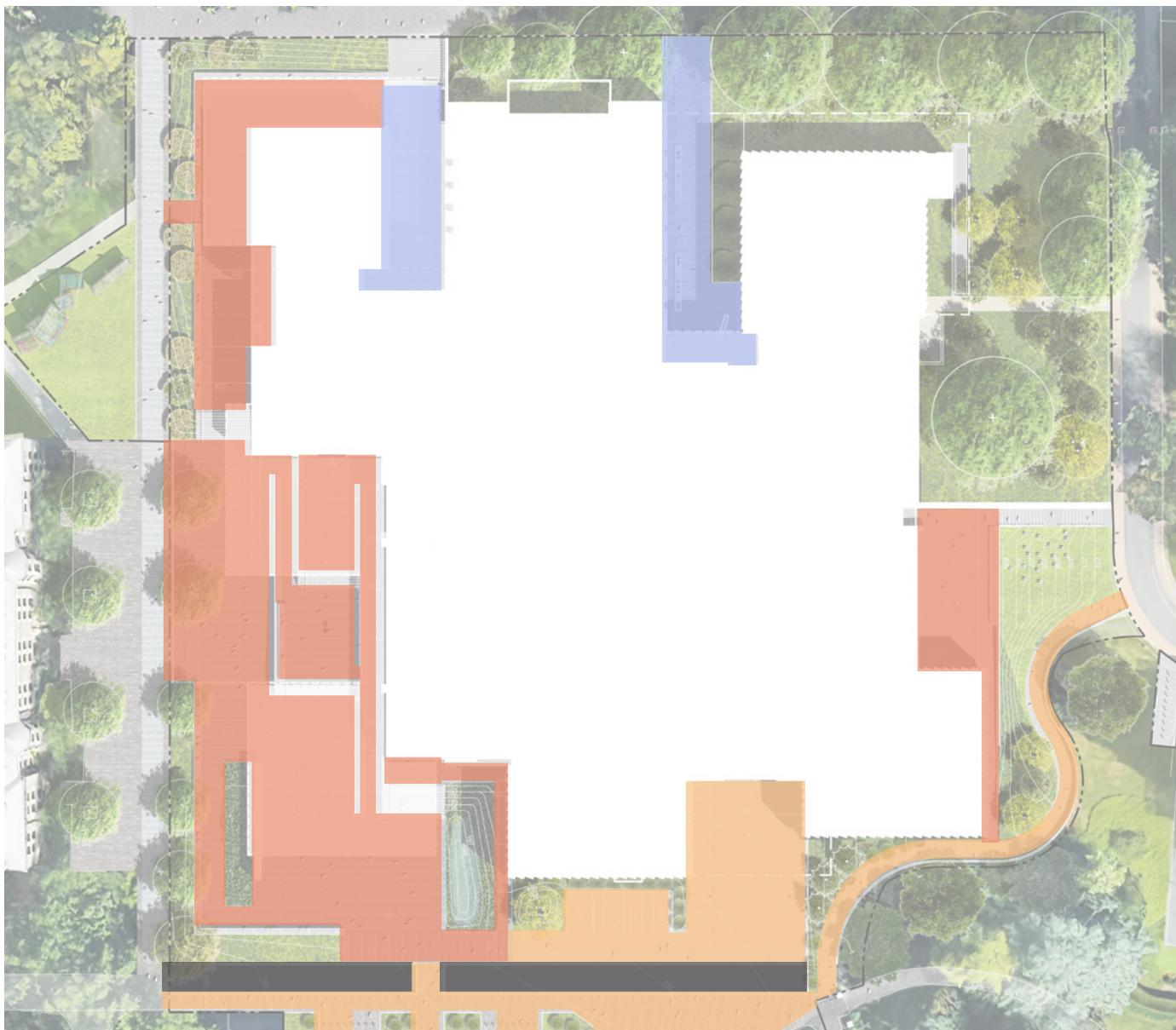


04. Prospect House Gate









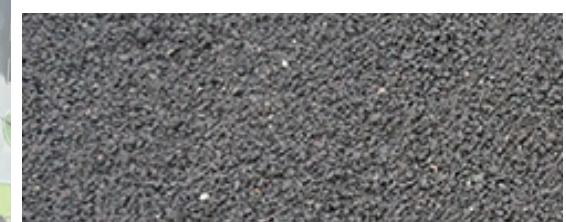
Exposed Aggregate Concrete



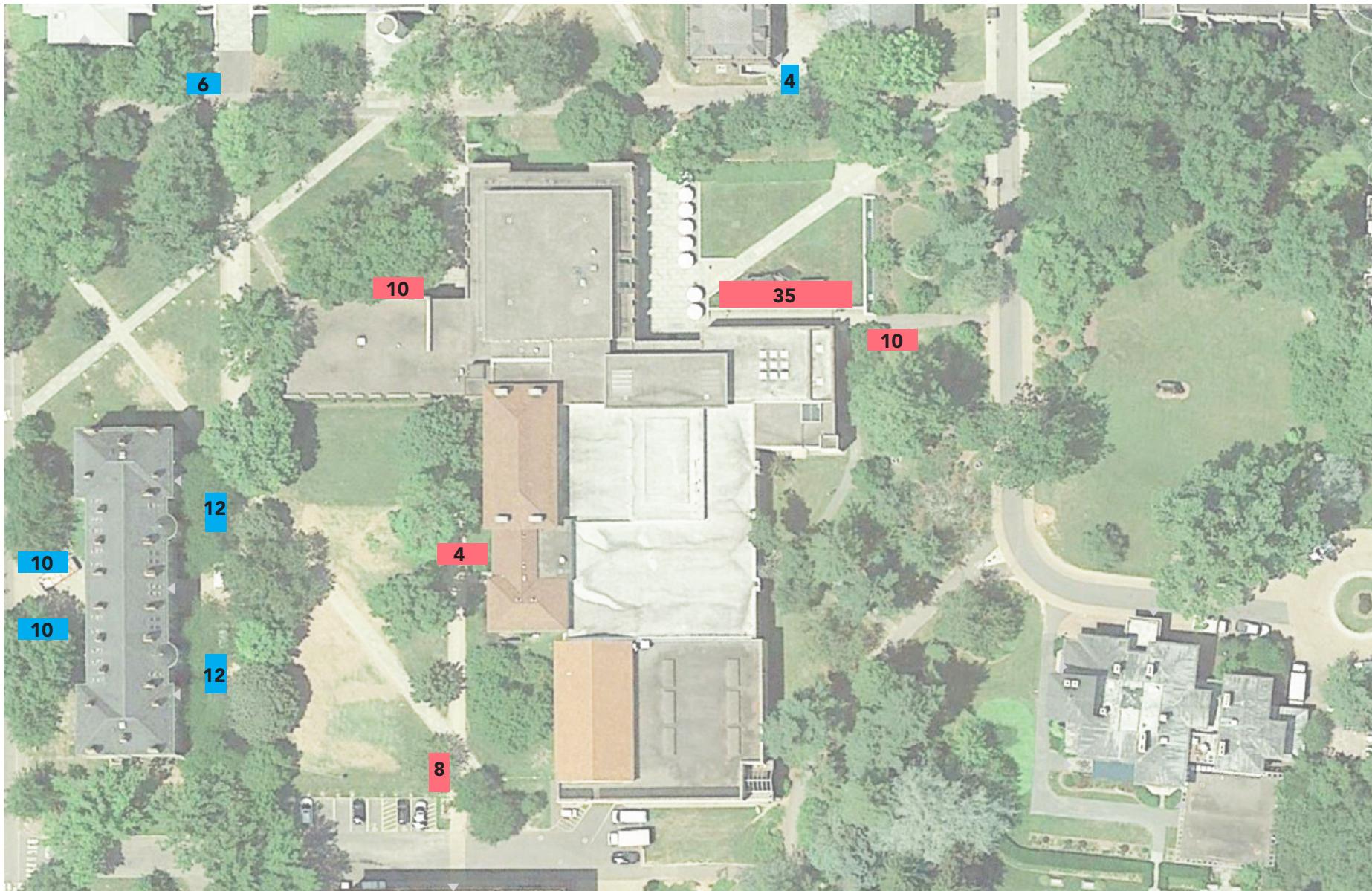
Concrete Pavers

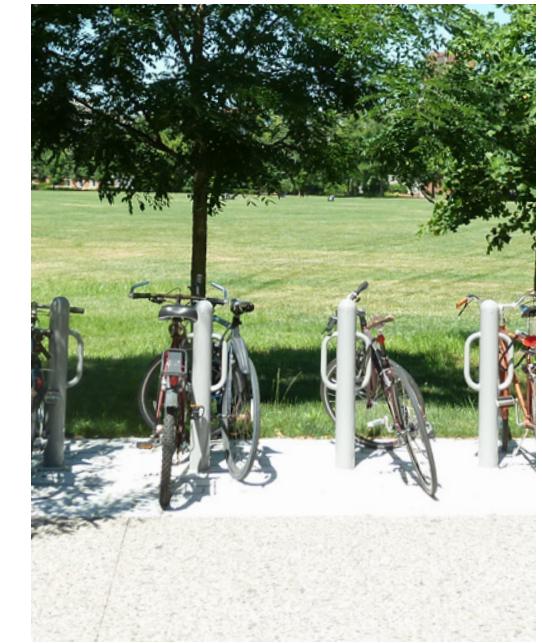
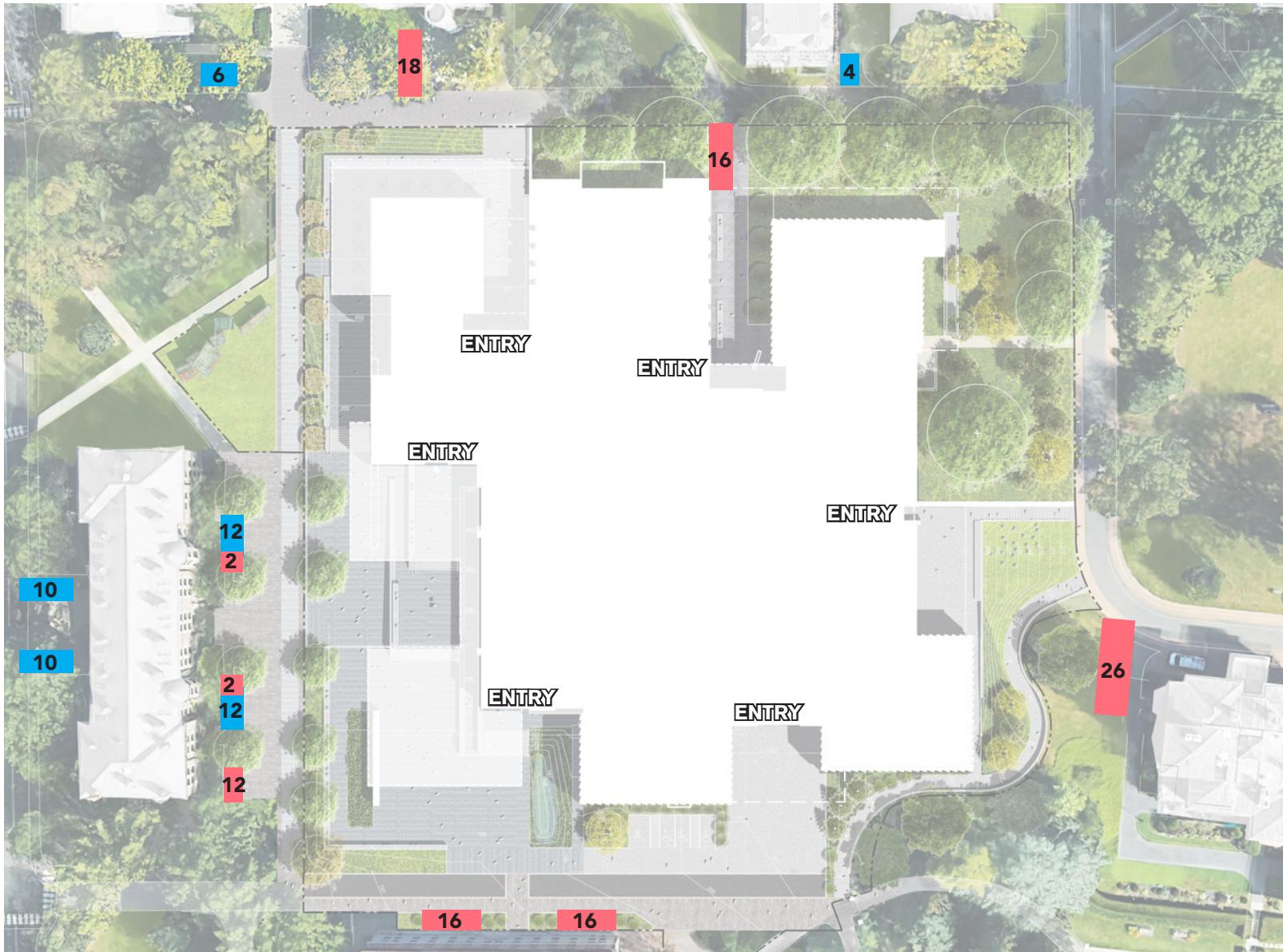


Bluestone



Asphalt





EXISTING: 67 BIKE PARKING SPOTS ON SITE

PROPOSED: 108 BIKE PARKING SPOTS ON SITE

EXISTING OFF-SITE BIKE PARKING TO REMAIN

SITE PLAN SUBMISSION TREE REPLACEMENTS:

60 REPLACEMENT TREES REQUIRED

25 ON SITE TREES TO BE PLANTED

35 OFF SITE TREES TO BE PLANTED

CURRENT TREE REPLACEMENTS:

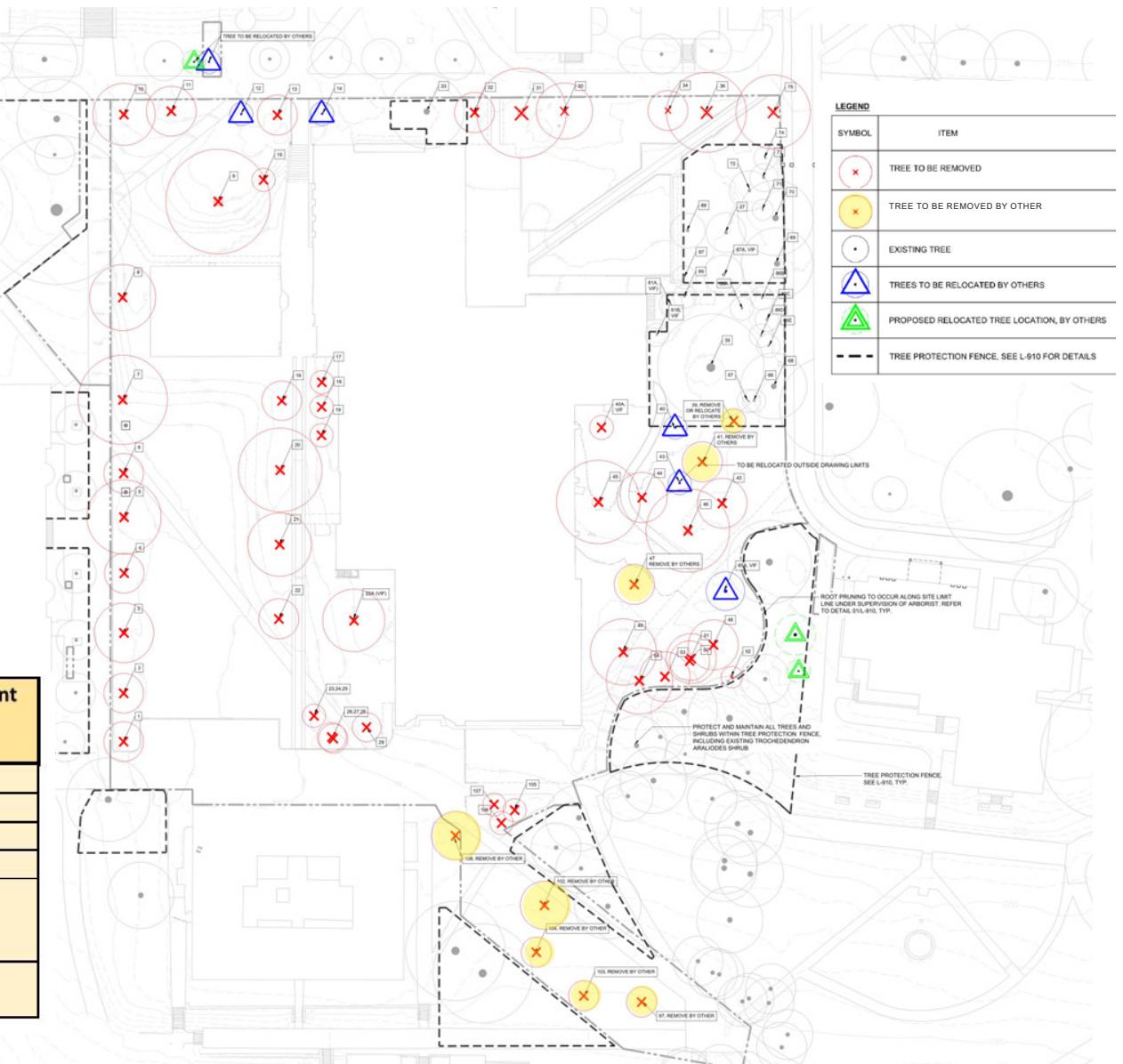
63 REPLACEMENT TREES REQUIRED [+3]

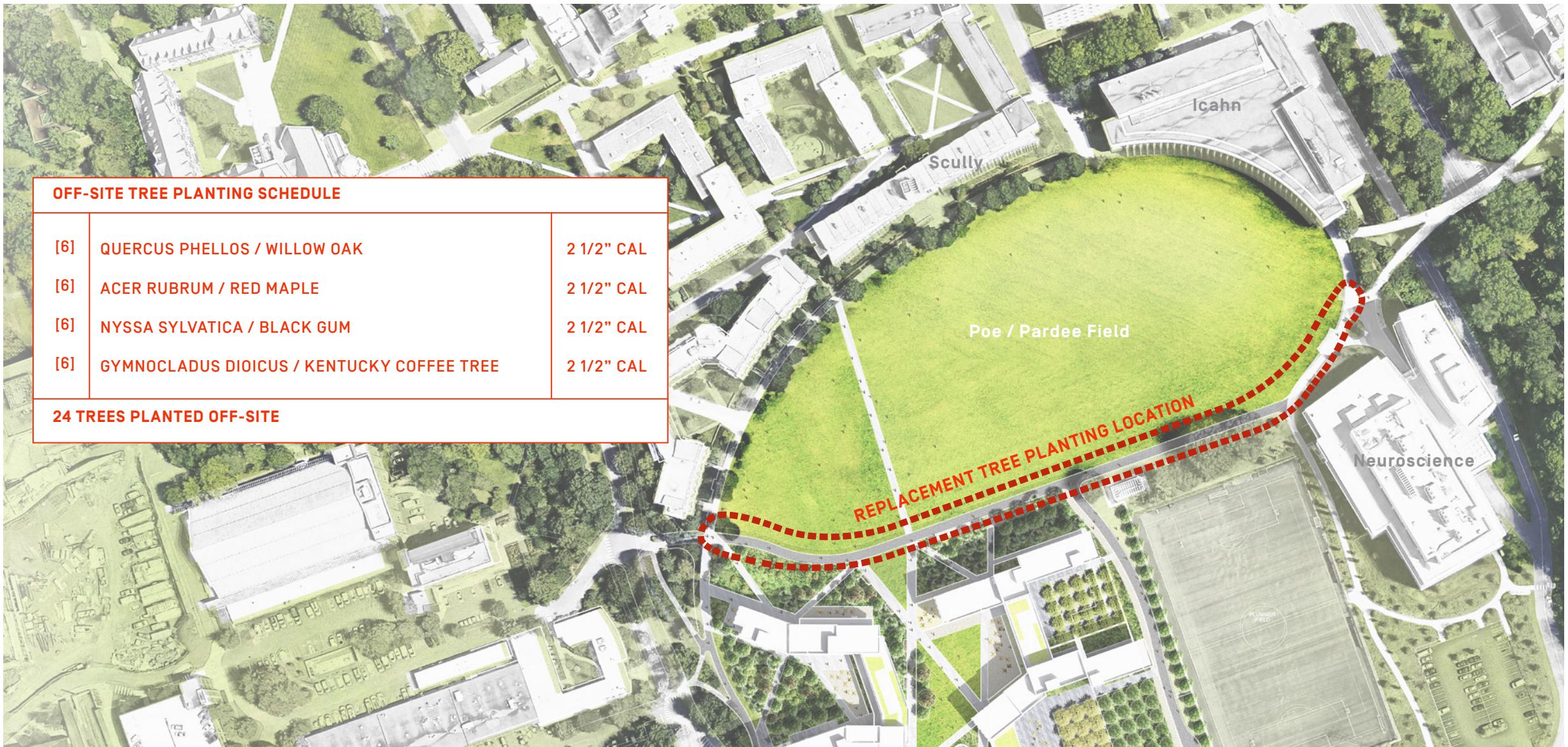
39 ON SITE TREES TO BE PLANTED [+14]

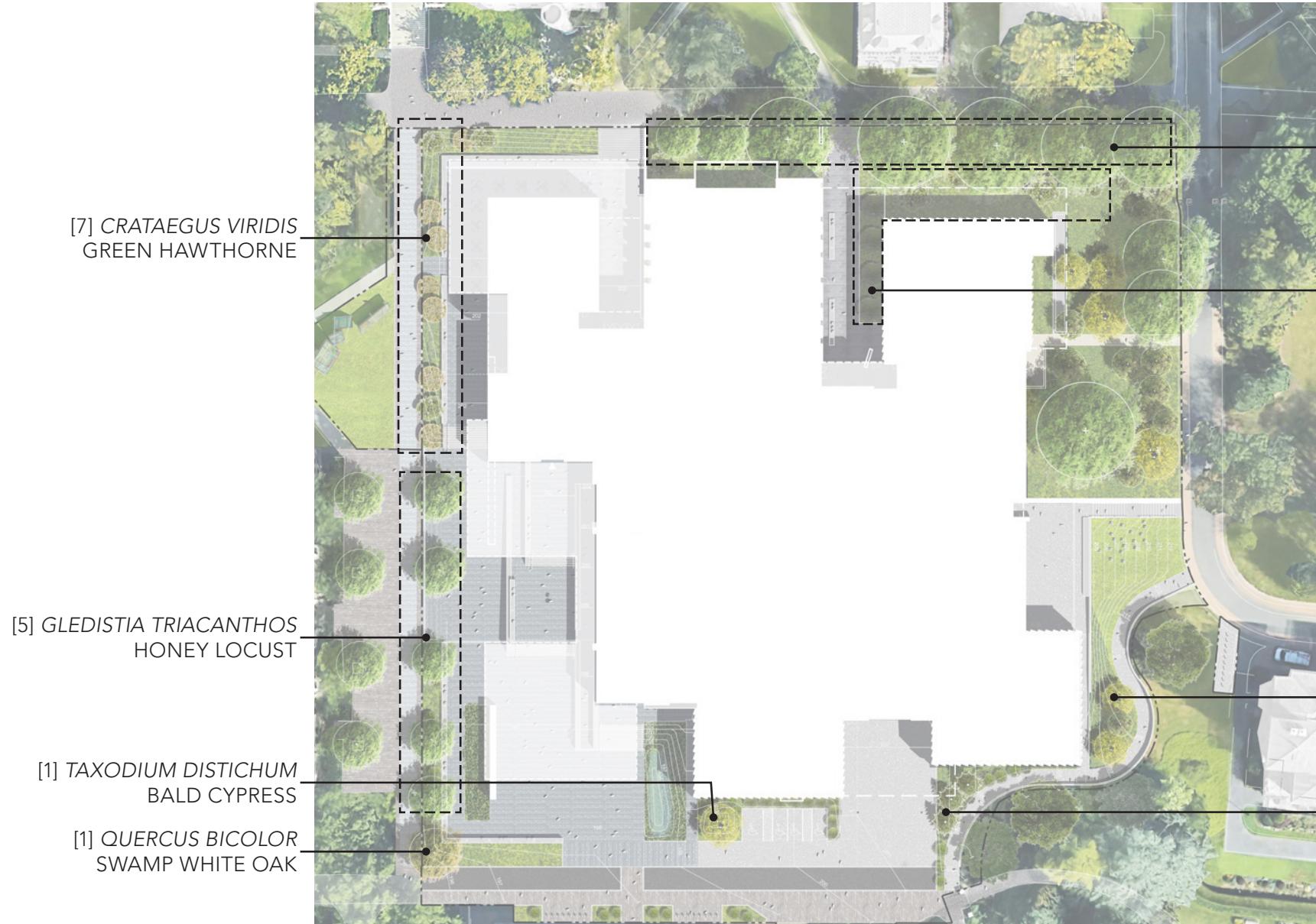
24 OFF SITE TREES TO BE PLANTED [-11]

CURRENT TREE REPLACEMENT SCHEDULE

Live Regulated Tree(s) Removed/Destroyed	Quantity of Removals	Required Replacement Tree	Replacement Trees	Tree Replacement Fee in Lieu of Replacement
DBH of 8" to 16.99"	11	x One (1) =	11	\$ 400.00
DBH of 17" to 30.99"	15	x Two (2) =	30	\$ 800.00
DBH of 31" to 38.99"	3	x Three (3) =	9	\$1,200.00
DBH of 39" or Greater	3	x Four (4) =	12	\$1,600.00
Ash Tree	2	Goal Replacement: 10% of total with Minimum of One (1)	1	
Total Replacements: 63				







Fagus grandifolia
American Beech



Gledistia triacanthos
Honey Locust



Quercus bicolor
Swamp White Oak



Taxodium distichum
Bald Cypress



Cercis canadensis
Eastern Redbud



Hamamelis Virginiana
Witchhazel



Crataegus viridis
Hawthorne



Acer palmatum
Japanese Maple



Ilex opaca
American Holly



Pinus flexilis
Limber Pine



Astilbe



Lilyturf



Lenten Rose



Pachysandra



Bugleweed



Allium



Christmas Fern



Ostrich Fern



Hay-scented Fern



Coral Bells



Solomon's Seal



Daffodil



Switchgrass



Tufted Hair Grass



Foam Flower



Anemones

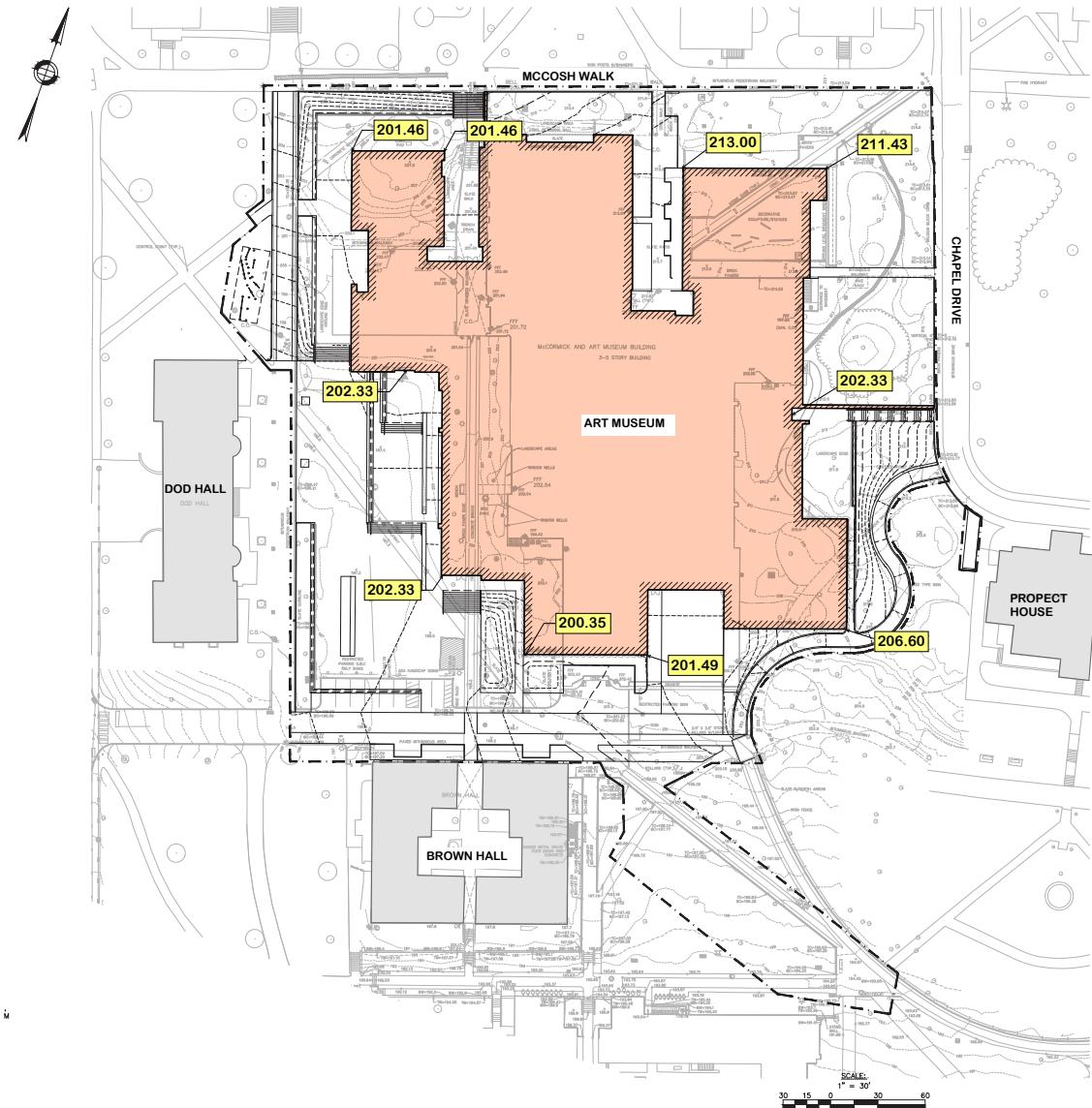


Virginia Bluebells



English Ivy *

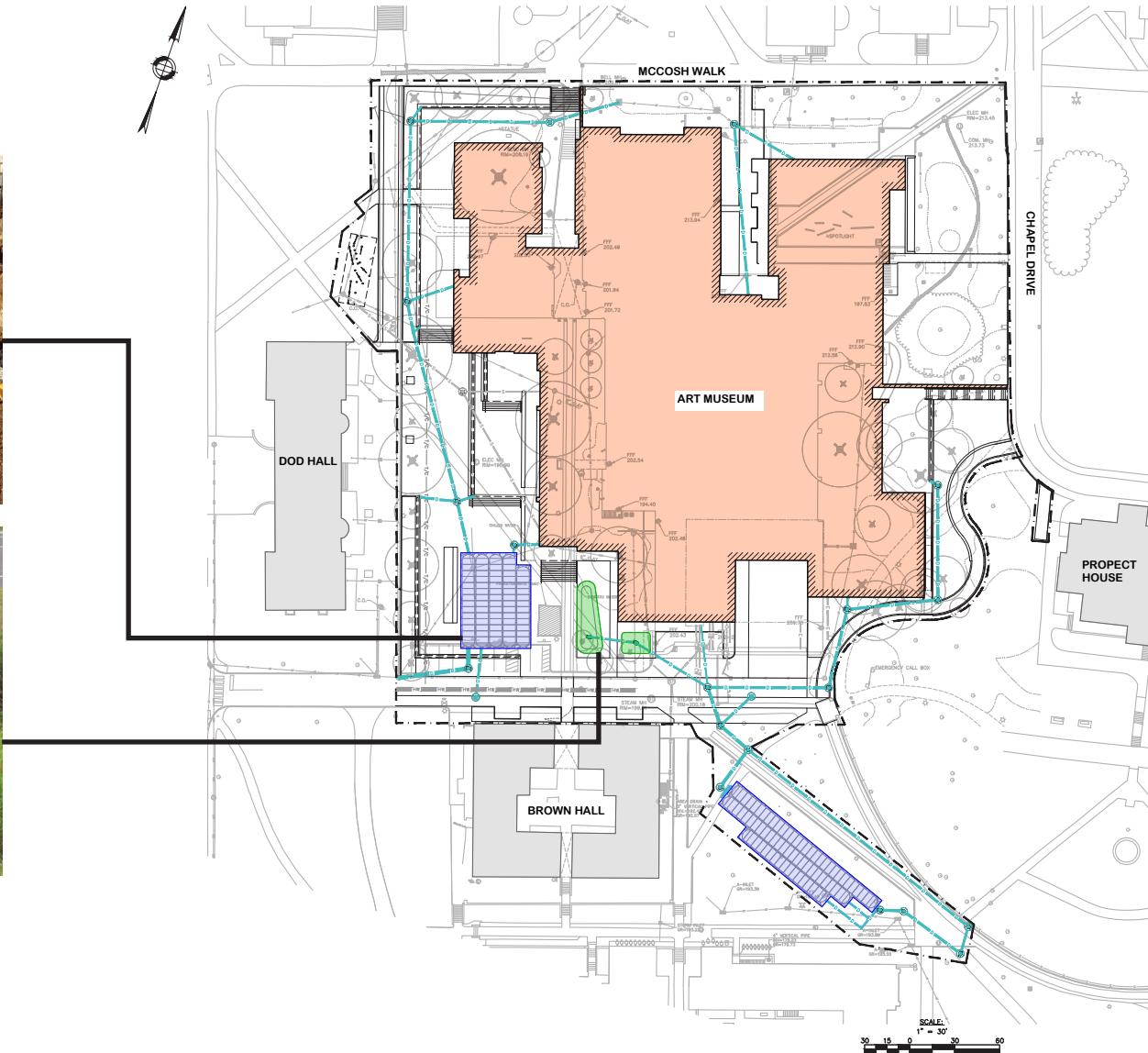
* English Ivy to be used as a vine in covered and contained planters at north entrance only

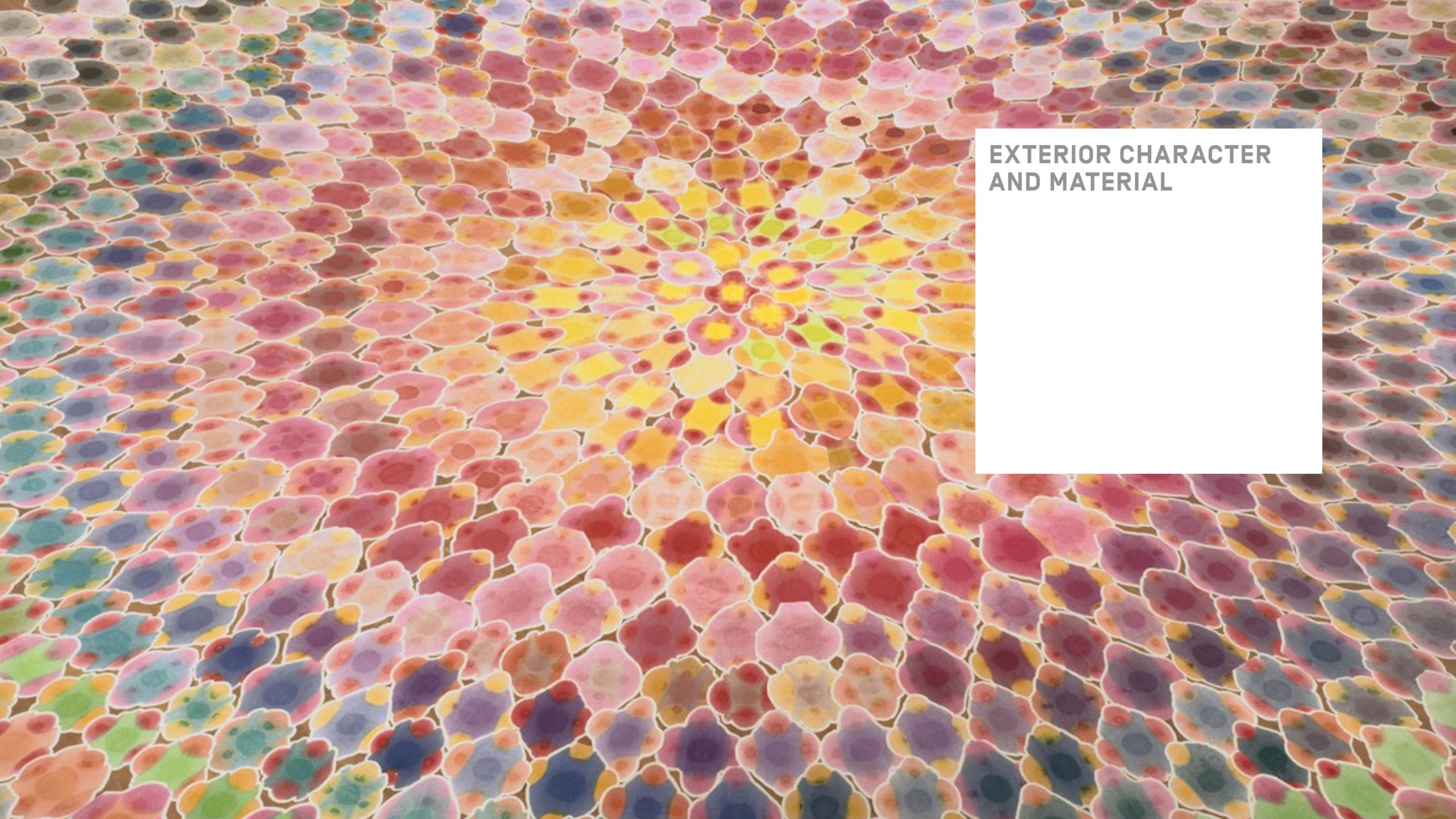


 PRINCETON
UNIVERSITY

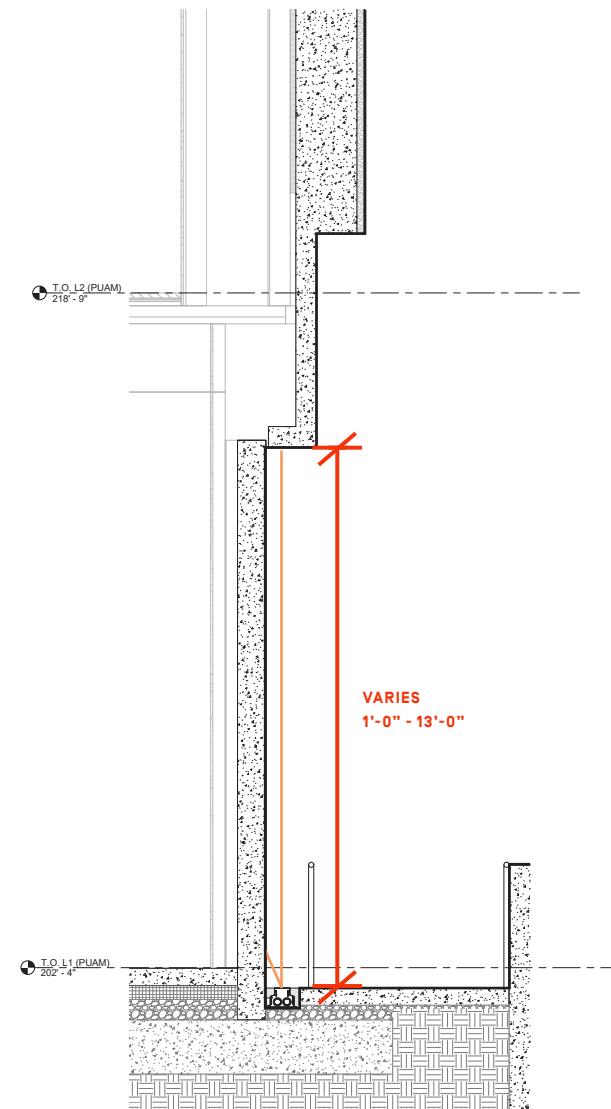
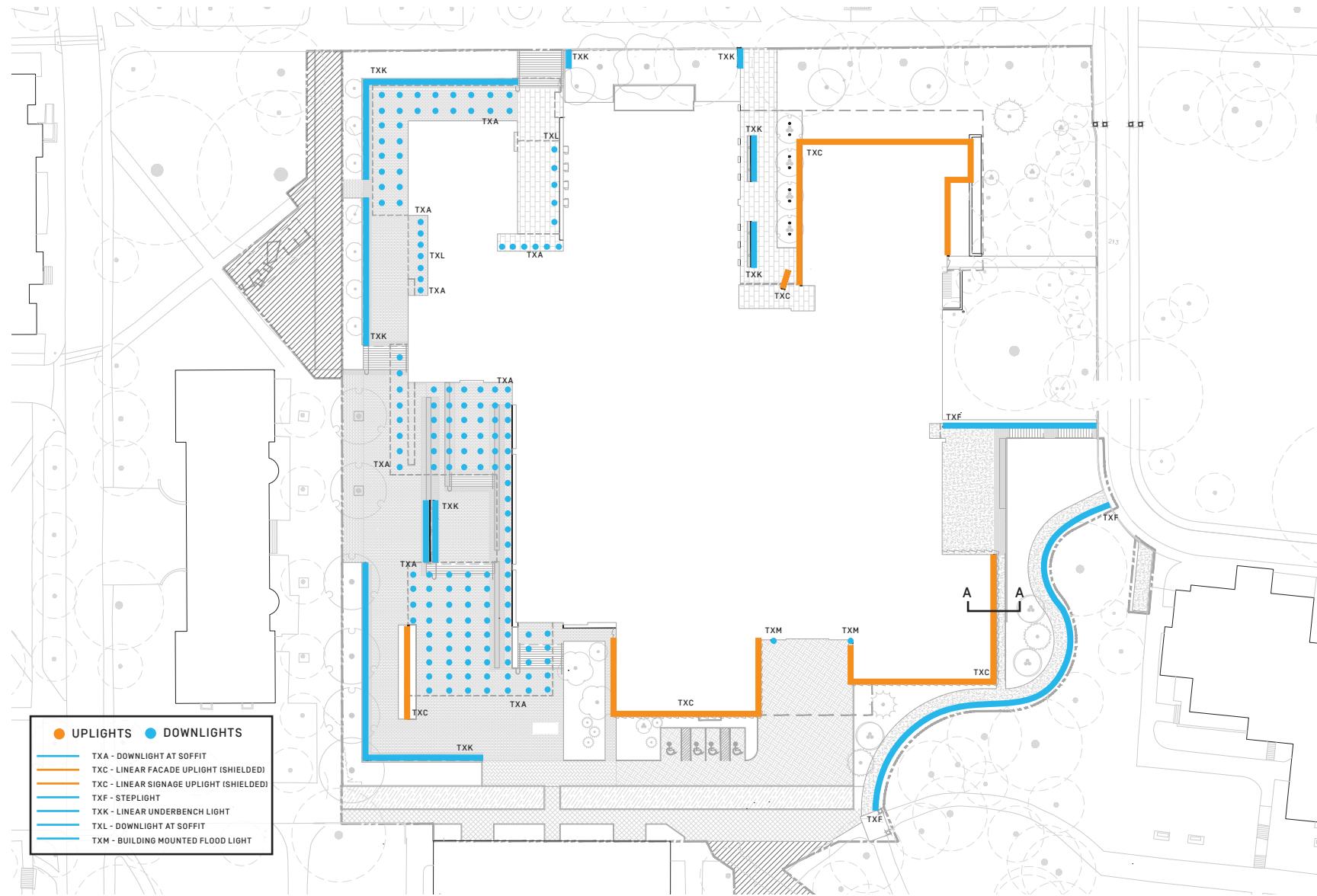
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ART MUSEUM
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PLANNING BOARD PRESENTATION GRADING

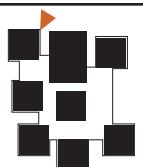


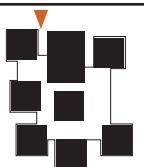


EXTERIOR CHARACTER
AND MATERIAL



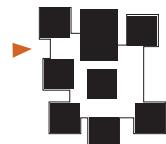
SECTION A - UPLIGHT TYPE TXC (SHIELDED)





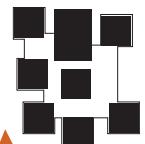
PRINCETON UNIVERSITY
ART MUSEUM
MARCH 4, 2021

PLANNING BOARD PRESENTATION
MUSEUM ENTRY - VIEW FROM NORTH



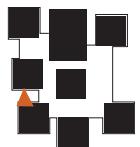
PRINCETON UNIVERSITY
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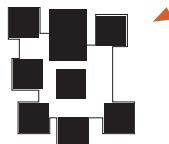
PLANNING BOARD PRESENTATION
WEST ENTRY



PRINCETON UNIVERSITY
ART MUSEUM
MARCH 4, 2021

PLANNING BOARD PRESENTATION
LANDSCAP TERRACE - VIEW FROM SW

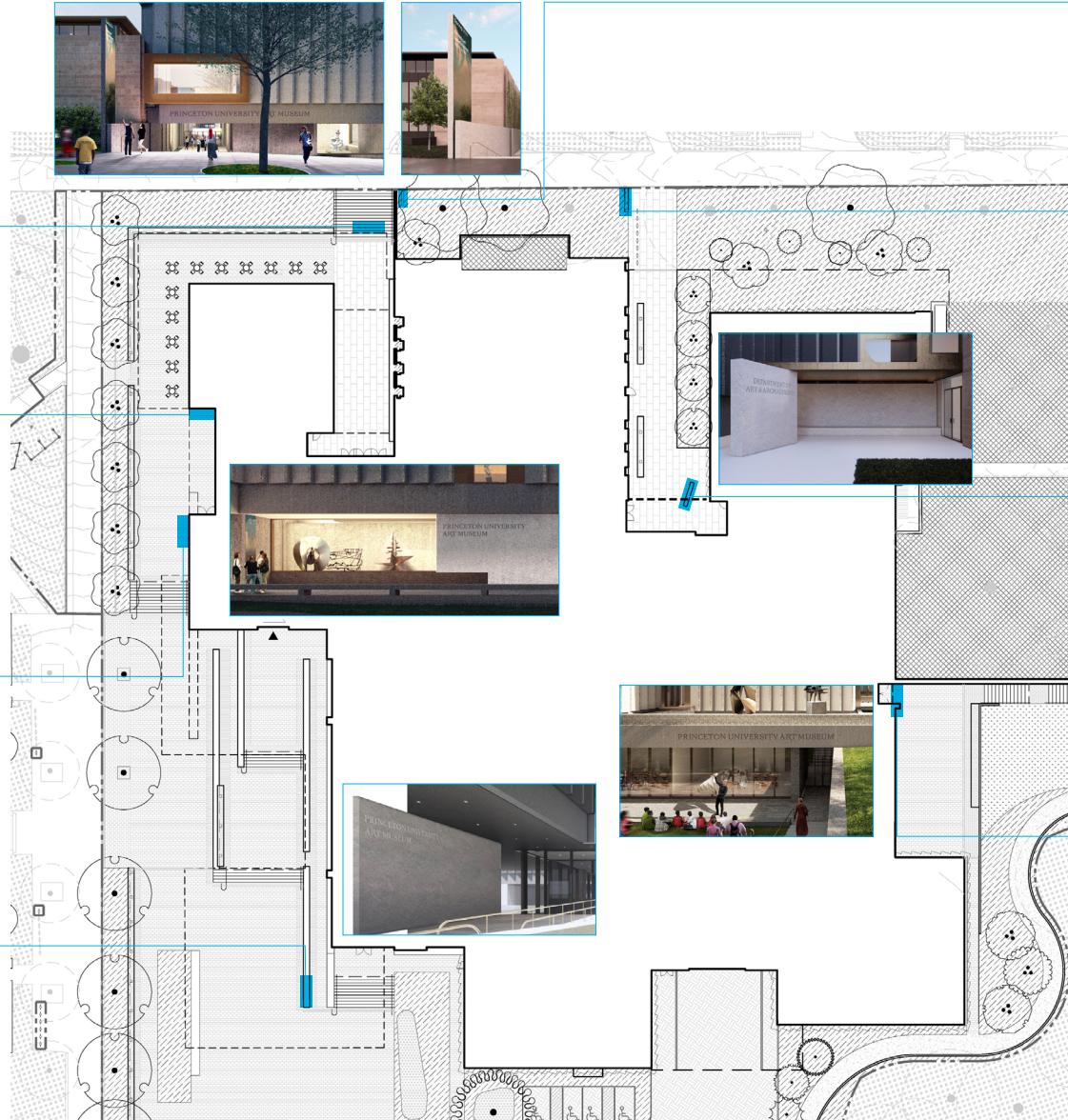


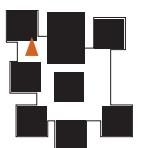


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PLANNING BOARD PRESENTATION
MCCOSH WALK - VIEW FROM NORTHEAST

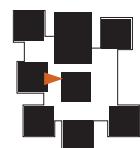
Exterior Signage Location Diagram





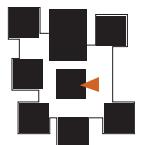
PRINCETON UNIVERSITY
ART MUSEUM
MARCH 4, 2021

PLANNING BOARD PRESENTATION
ENTRANCE GALLERY



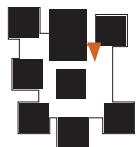
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MARCH 4, 2021

PLANNING BOARD PRESENTATION
VIEW FROM ART WALK - GRAND HALL ENTRY



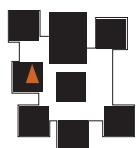
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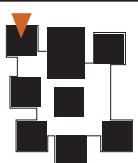
PLANNING BOARD PRESENTATION
GRAND HALL

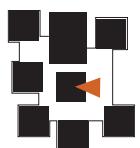


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PLANNING BOARD PRESENTATION
EDUCATION CENTER

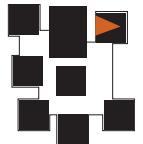






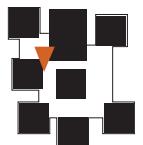
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PLANNING BOARD PRESENTATION
CENTRAL GALLERY



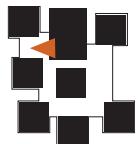
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PLANNING BOARD PRESENTATION
GALLERY BAY WINDOW - AT MCCOSH WALK



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PLANNING BOARD PRESENTATION
GALLERY OVERLOOK ART WALK



BUILDING MATERIAL

TERRAZZO

METAL

GLASS



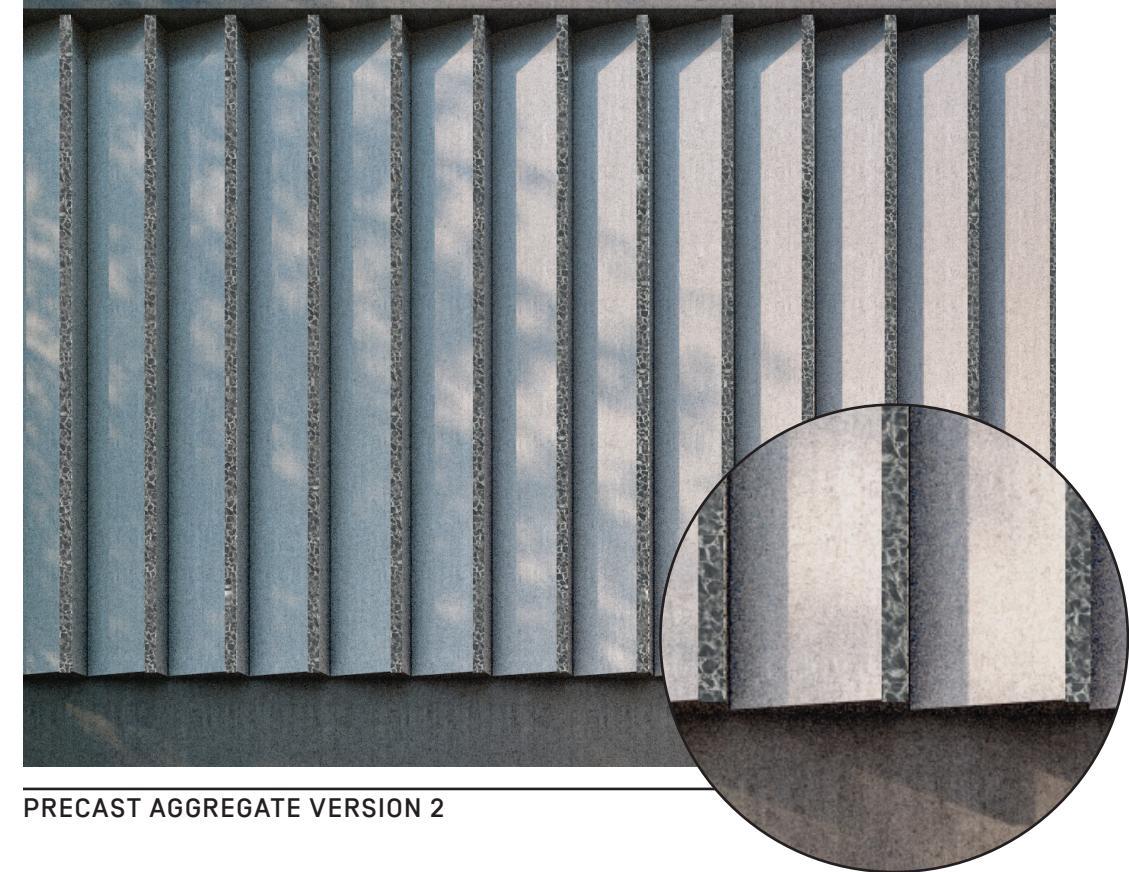
CONCRETE PAVERS

GLULAM / WOOD

EXTERIOR WALL MATERIAL



PRECAST AGGREGATE VERSION 1



PRECAST AGGREGATE VERSION 2

1

REDUCE
GREENHOUSE
GAS EMISSIONS
TO NET ZERO

2

REDUCE WATER
USAGE

3

INCREASE
AREA UNDER
ENHANCED
STORMWATER
MANAGEMENT

4

DESIGN AND
DEVELOP
RESPONSIBLY

5

CULTIVATE
HEALTHY AND
RESILIENT
HABITATS

6

USE
ALTERNATIVES
TO SINGLE-
OCCUPANCY
VEHICLES

7

REDUCE WASTE
AND EXPAND
SUSTAINABLE
PURCHASING

- MINIMAL SOUTH FACING GLAZING
- HIGH PERFORMANCE EXTERIOR ENVELOPE
- HIGH PERFORMANCE MECHANICAL SYSTEM
- EFFICIENT LIGHTING AND CONTROLS
- UTILITY MODIFIED FROM STEAM TO HOT WATER
- HEAVY TIMBER CARBON OFFSET

- NO PERMANENT IRRIGATION

- MEET CAMPUS GOALS AND REGULATORY REQUIREMENTS ON CENTRAL CAMPUS

- ACTIVE ENGINEERING AND CONSTRUCTION MANAGER PARTICIPATION EARLY IN DESIGN

- INTEGRATE EXISTING PROSPECT WOODLANDS

- REINFORCE CAMPUS PEDESTRIAN AND BICYCLE PATHS

- RECYCLE SOILS FROM CONSTRUCTION SITE
- FOOD SERVICE AND RECYCLING PER CAMPUS BEST PRACTICES
- DIVERT CONSTRUCTION AND DEMOLITION DEBRIS FROM LANDFILL

