

RAGON INSTITUTE of MGH, MIT and Harvard

Building a Sustainable Home to Prevent and Cure Human Disease

October 21st, 2025

Speakers: Sasha Clark & Michael Lorimer



SASHA CLARK
Senior Associate



Architect

MICHAEL LORIMER
Associate Principal



Engineer

	The Brief	The Response	The Reaction
Learn: Innovation & Sustainability	✓	✓	✓
Identify: Adaptability	✓	✓	✓
Analyze: Collaboration	✓	✓	✓
Understand: Resilience	✓	✓	✓

Vision

To harness the immune system to prevent and cure human disease.

Mission

To leverage cross-disciplinary collaboration to transform human health on a global scale.



Malaria



HIV



Cancer



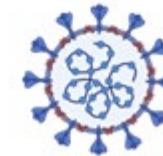
Zika



Tuberculosis



Autoimmunity



SARS-CoV-2



Influenza



Human tissues

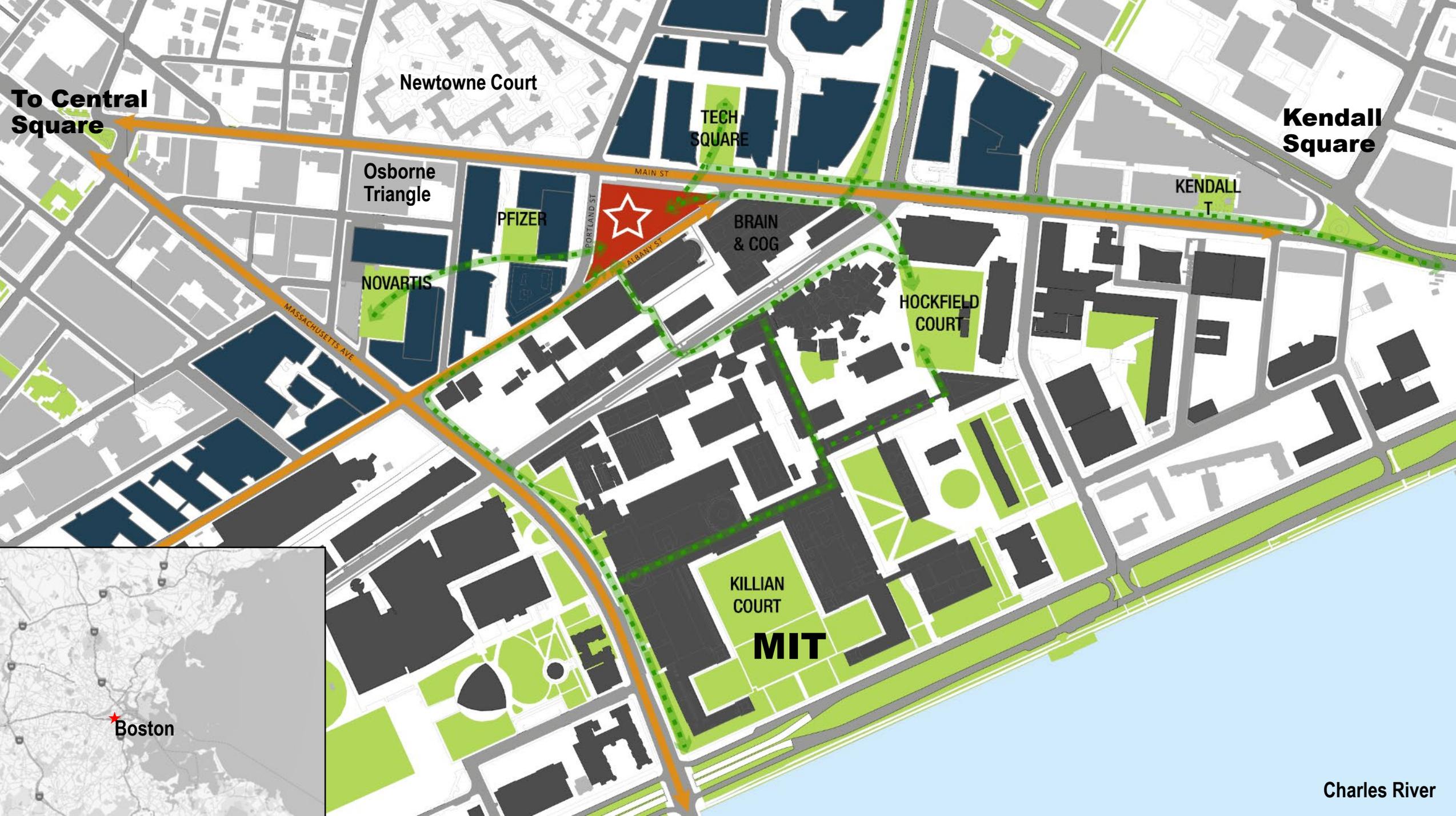


Hepatitis C



Epstein Barr Virus

Areas of Study (partial)



Newtowne Court

TECH SQUARE

Kendall Square

To Central Square

Osborne Triangle

KENDALL T

PFIZER

BRAIN & COG

NOVARTIS

HOCKFIELD COURT

MASSACHUSETTS AVE

PORTLAND ST

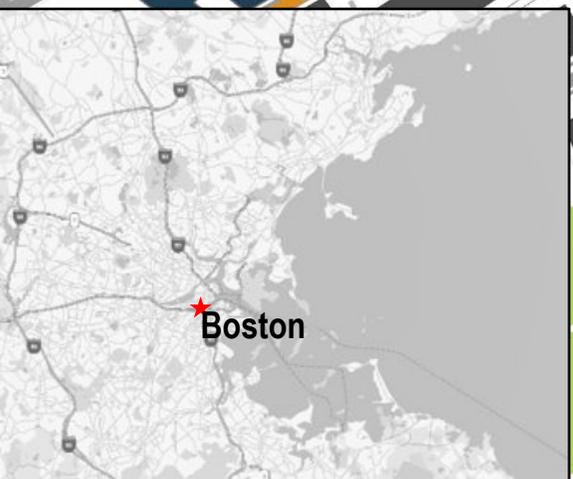
MAIN ST

ALBANY ST



KILLIAN COURT

MIT



Boston

Charles River

A Home for the Ragon Institute's Long-Term Future



- **Community Integration**



- **Collaborative Supersite**



- **Sustainable**



- **Energy Efficient & Cost Effective**



- **Adaptable**

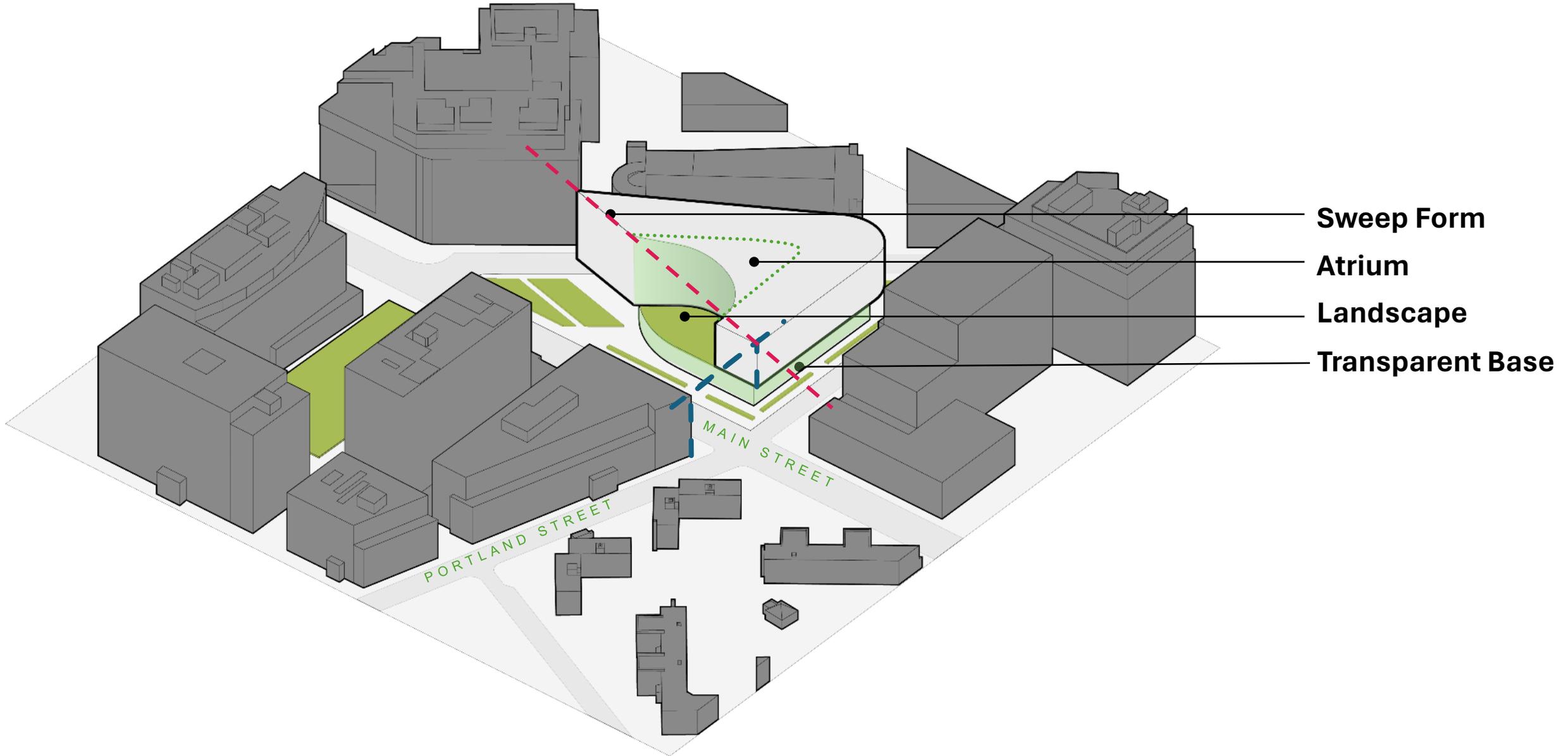


- **Resilient**



- **Iconic Vision**

Conceptual Massing







600

Ragor
Institute
Center for Technology

open
to all

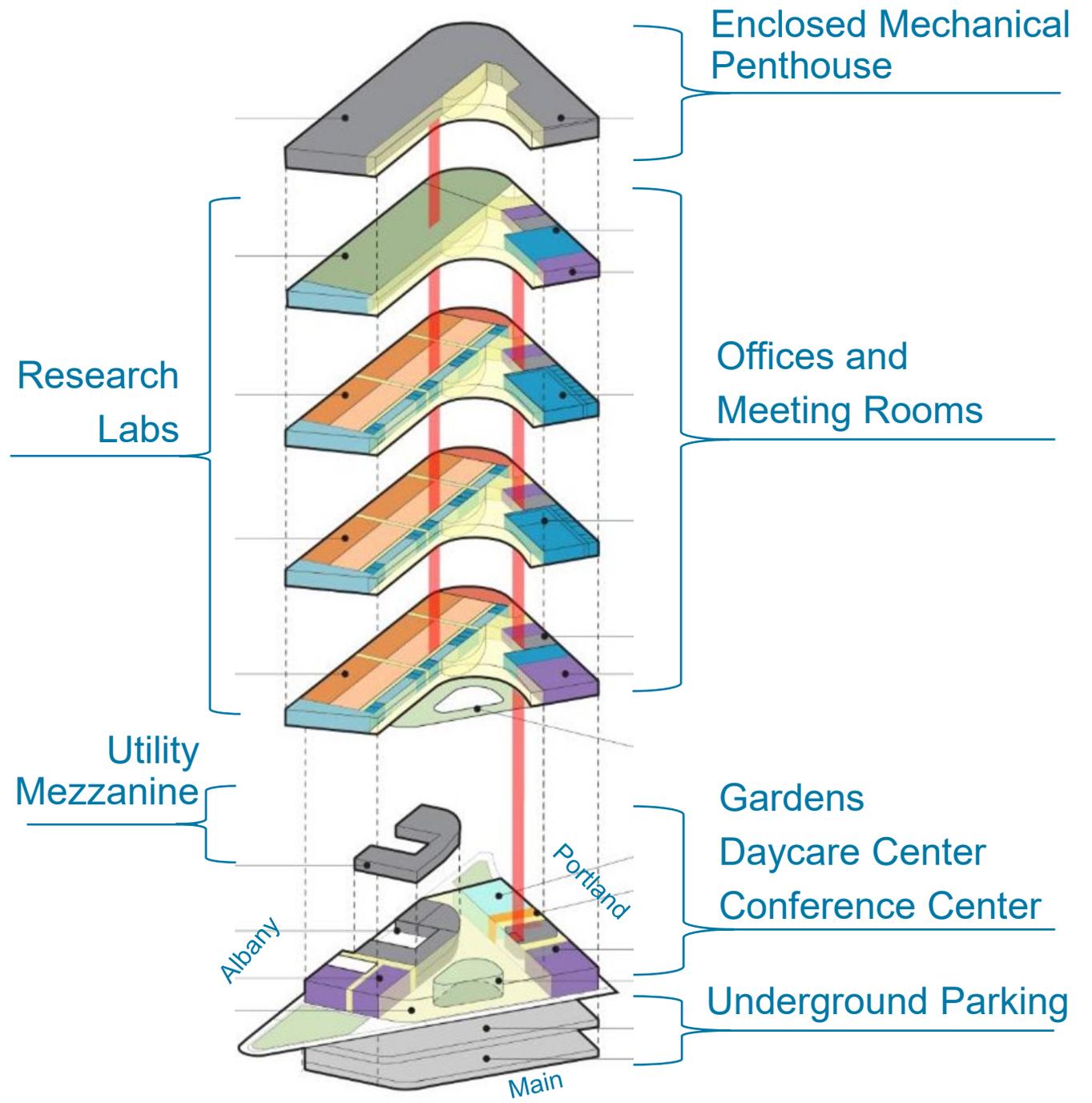
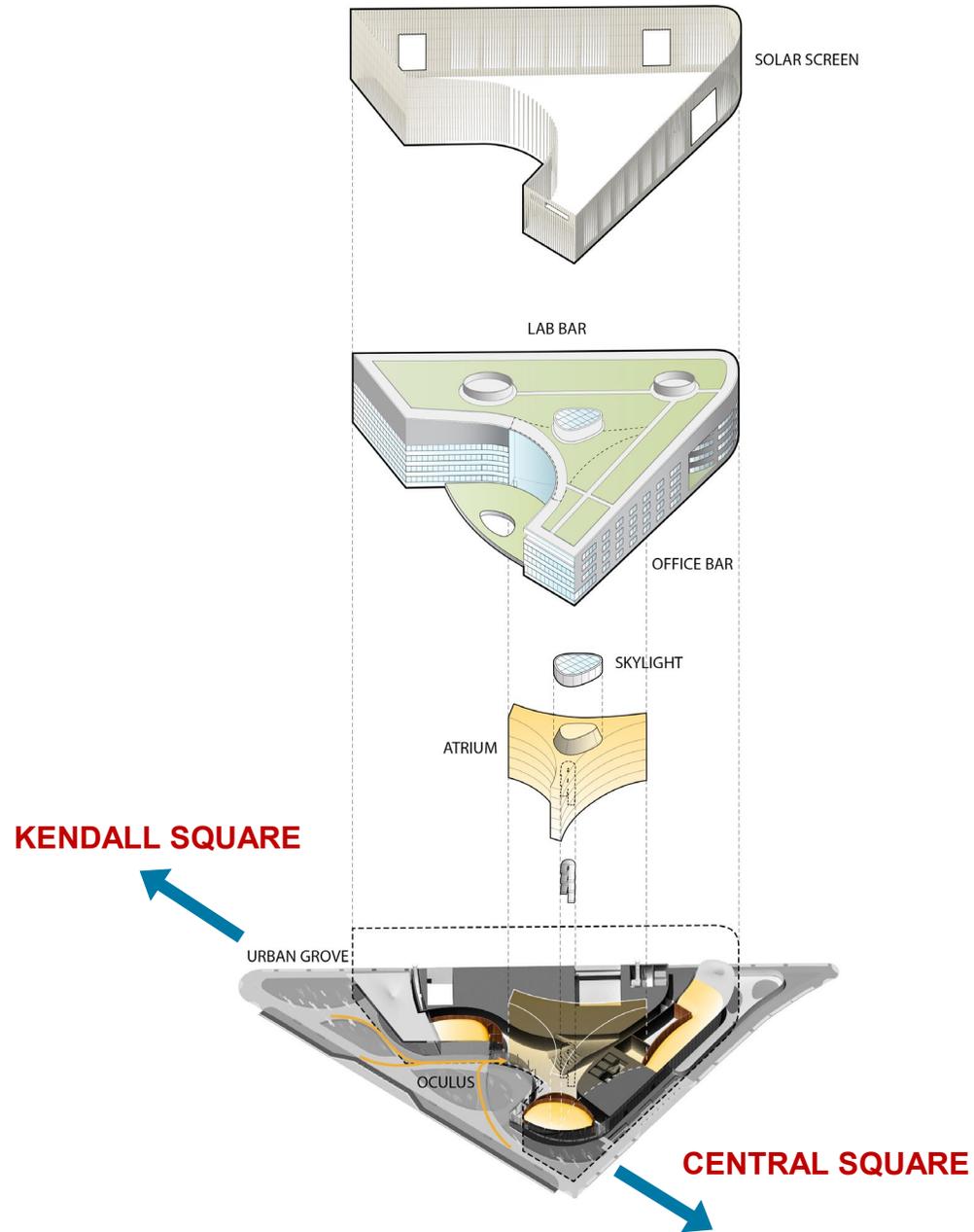
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Institute
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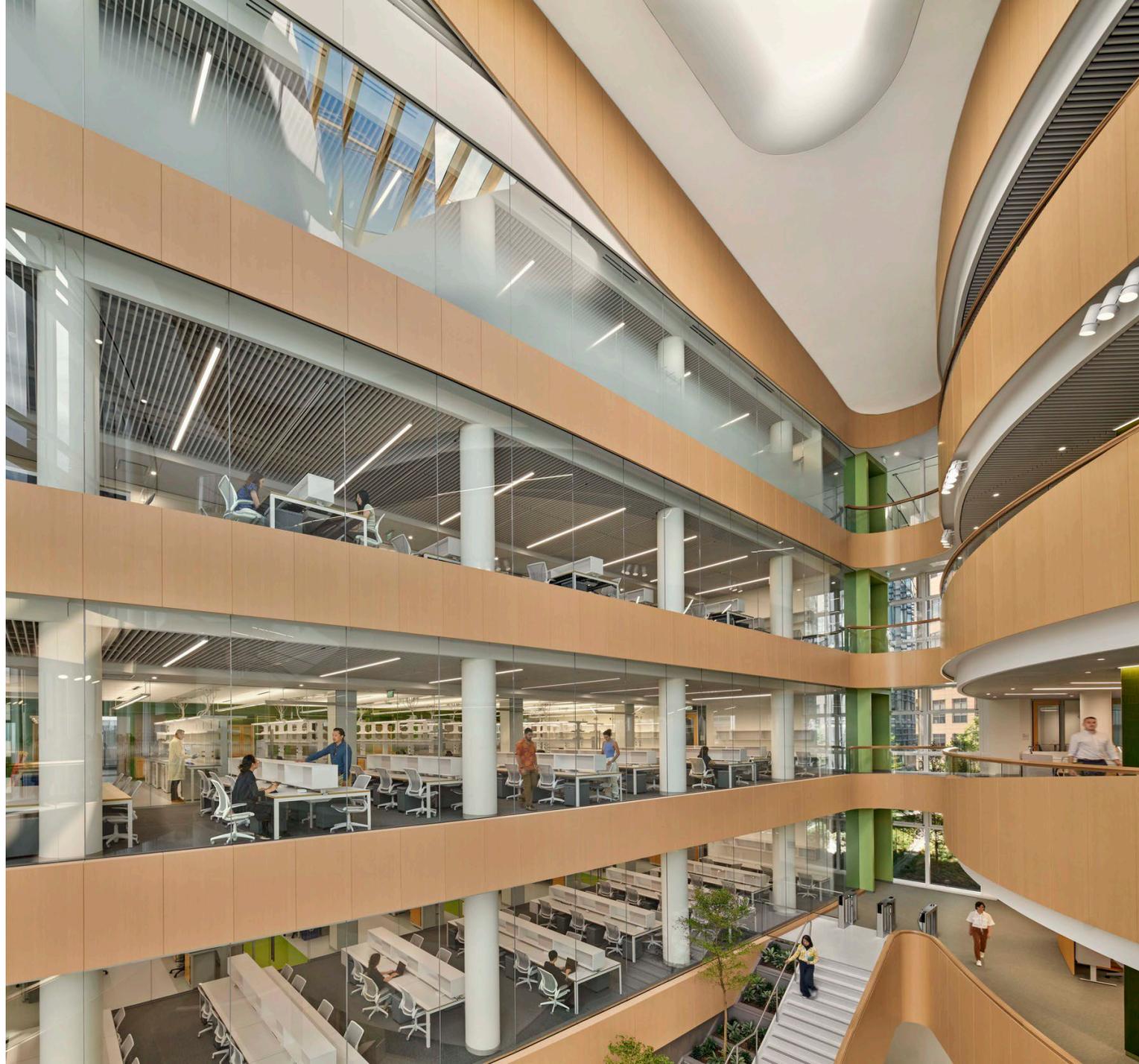
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Conceptual Organization







300A10
EQUIPMENT
ALCOVE











4C FRIDGE
accucold
GATES / RANASINGHE

PLEASE NOTE:
FOR MEDICAL STORAGE ONLY.
NOT FOR PERSONAL USE.



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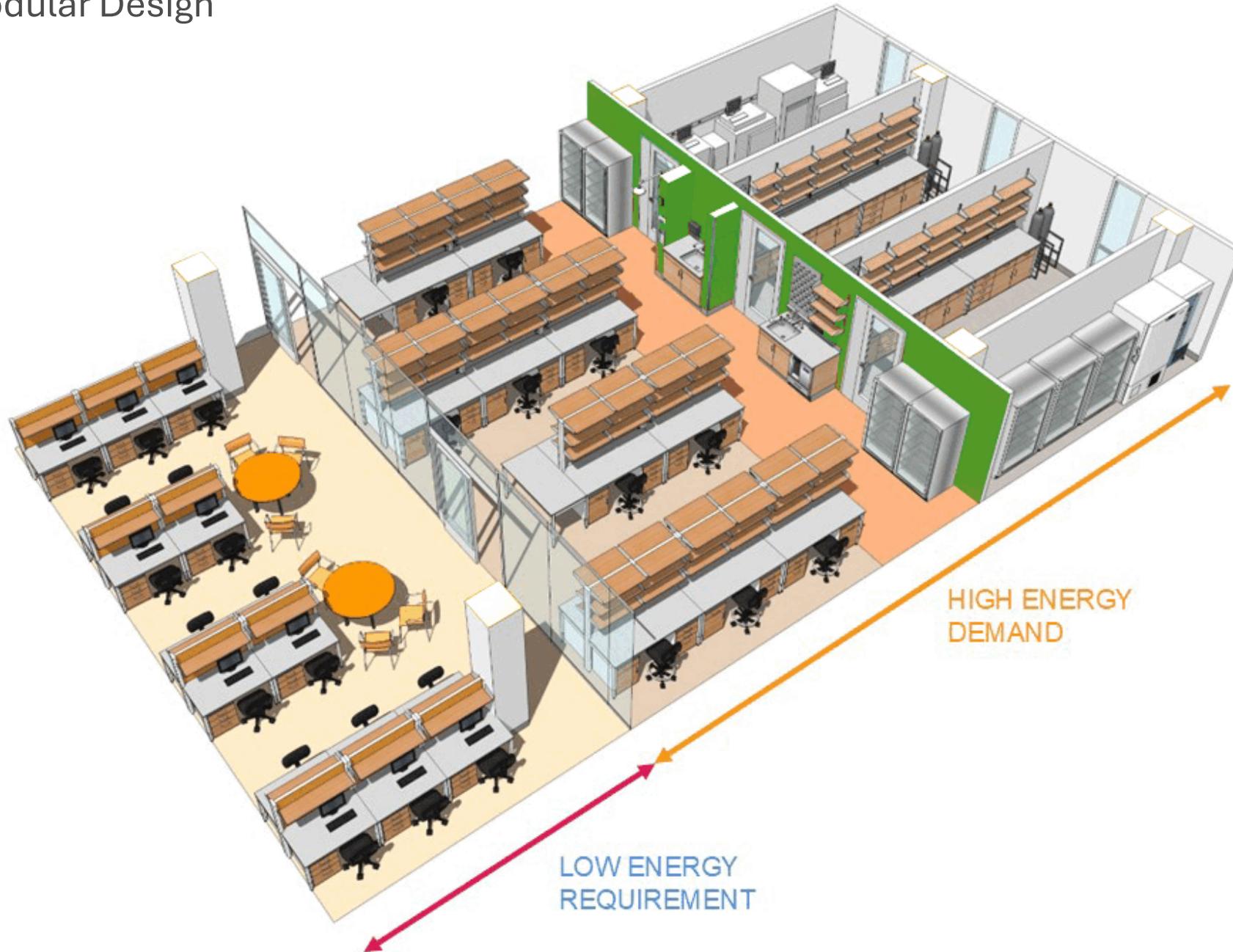
"The important thing is to not stop questioning. Curiosity has its own reason for existing."

ALBERT EINSTEIN

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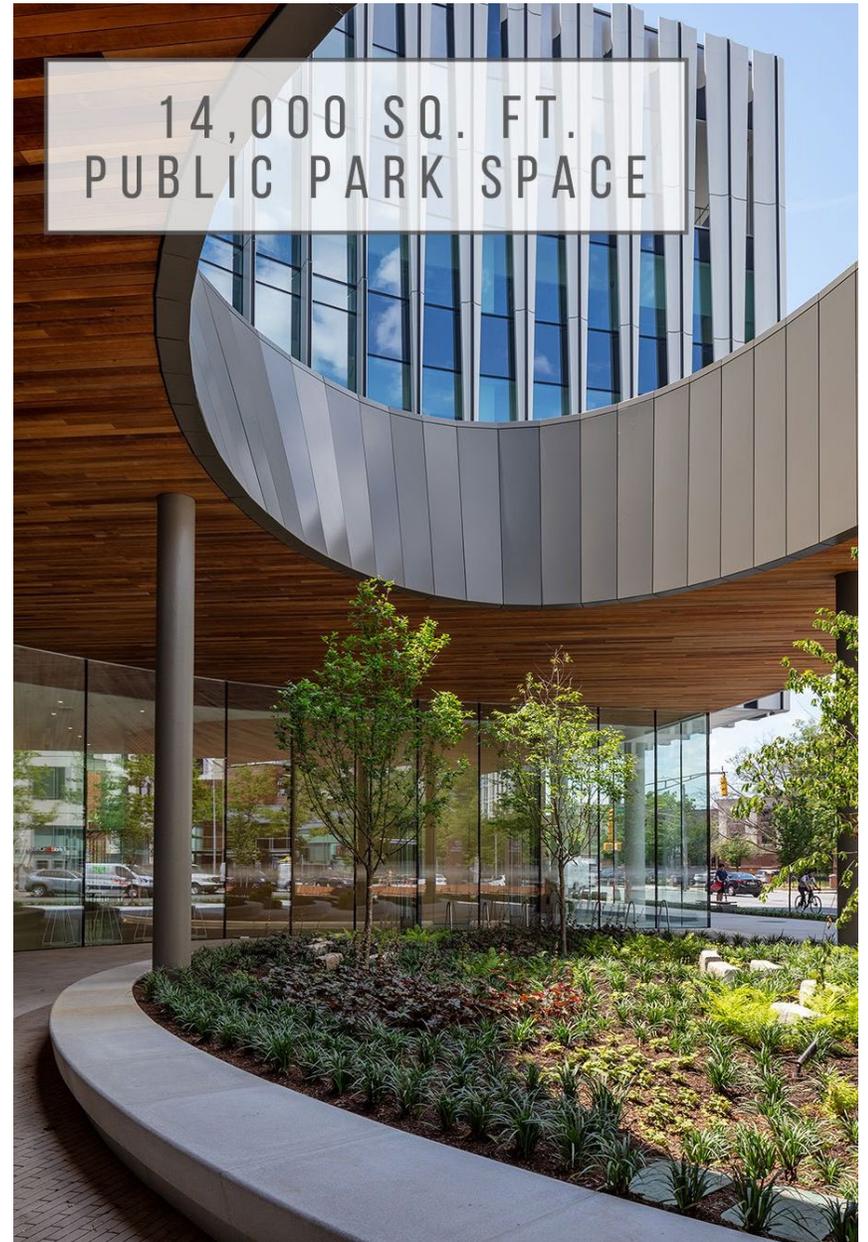
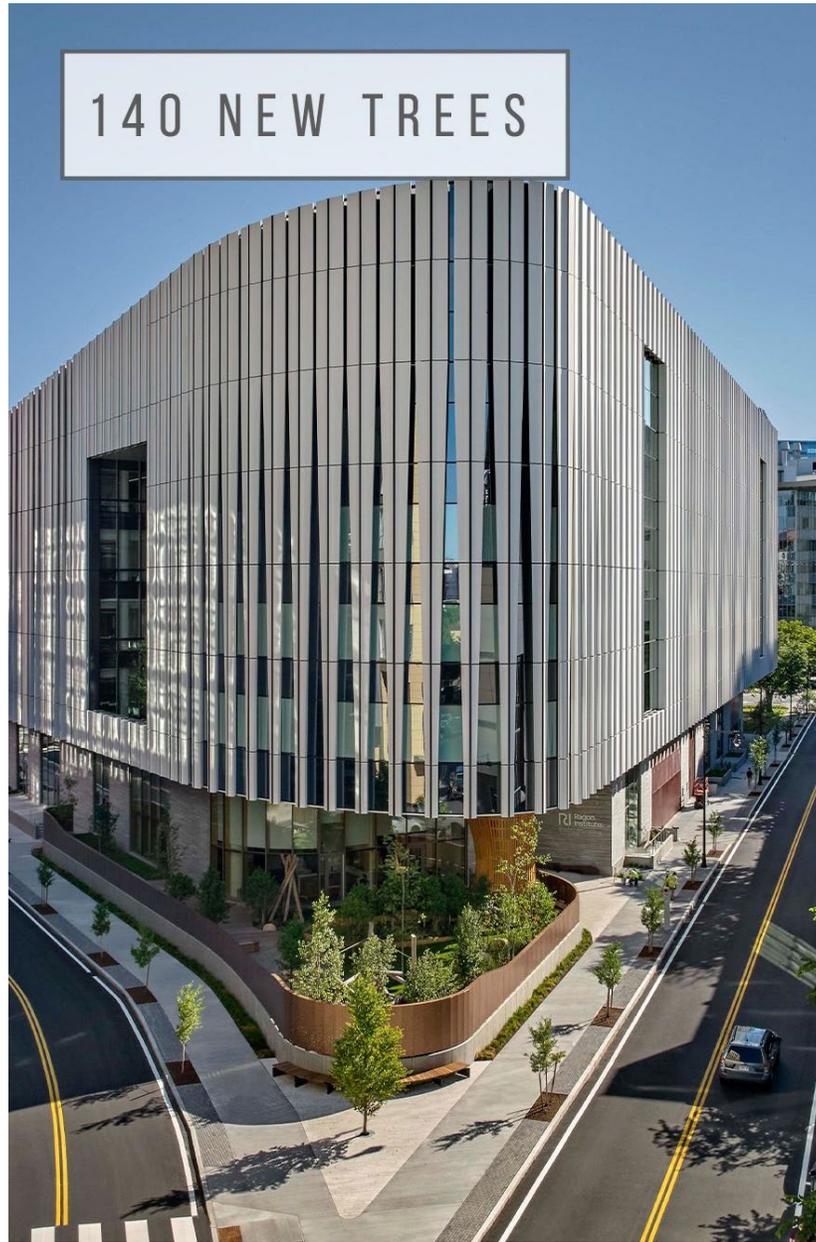
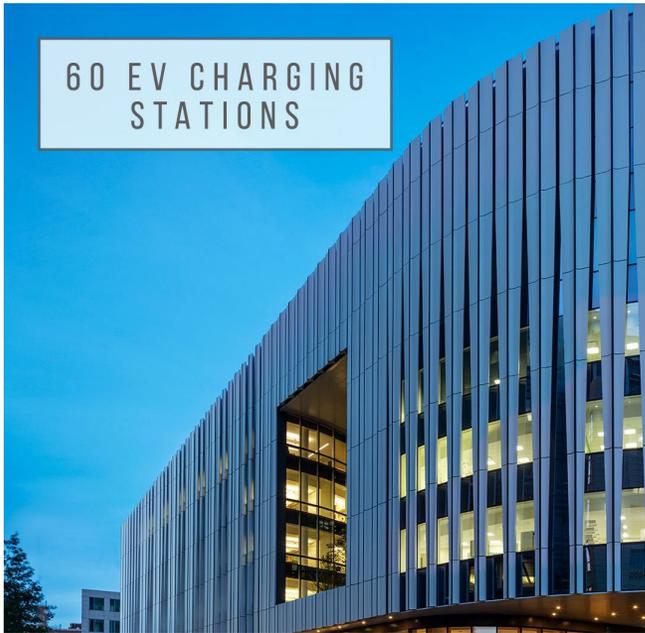
Flexibility| Modular Design









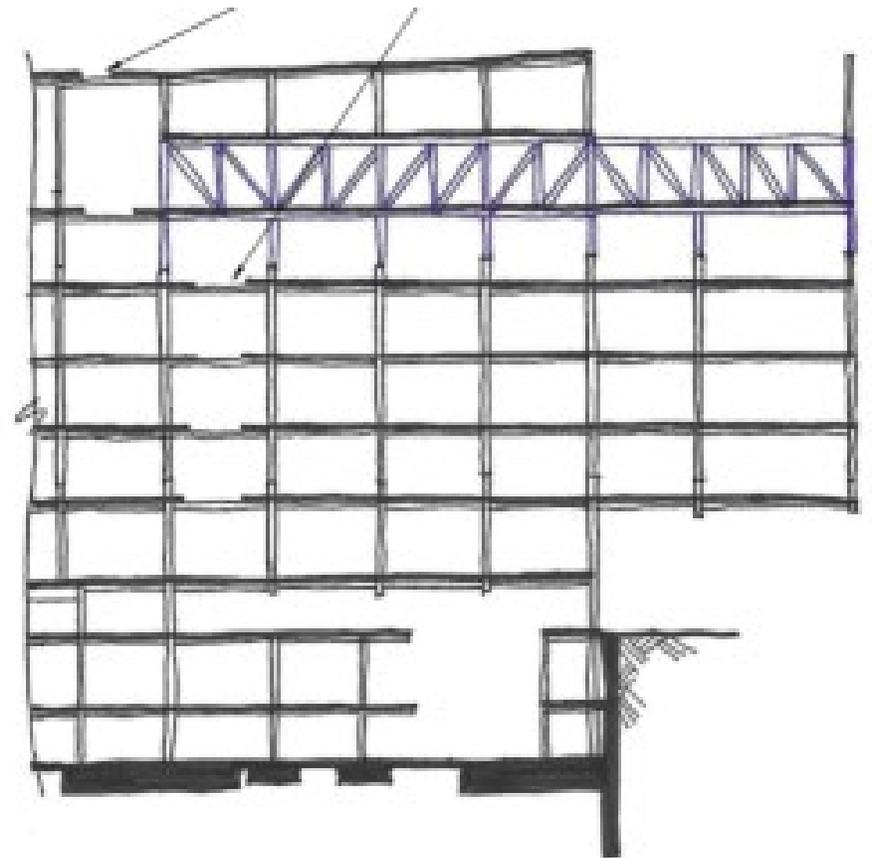
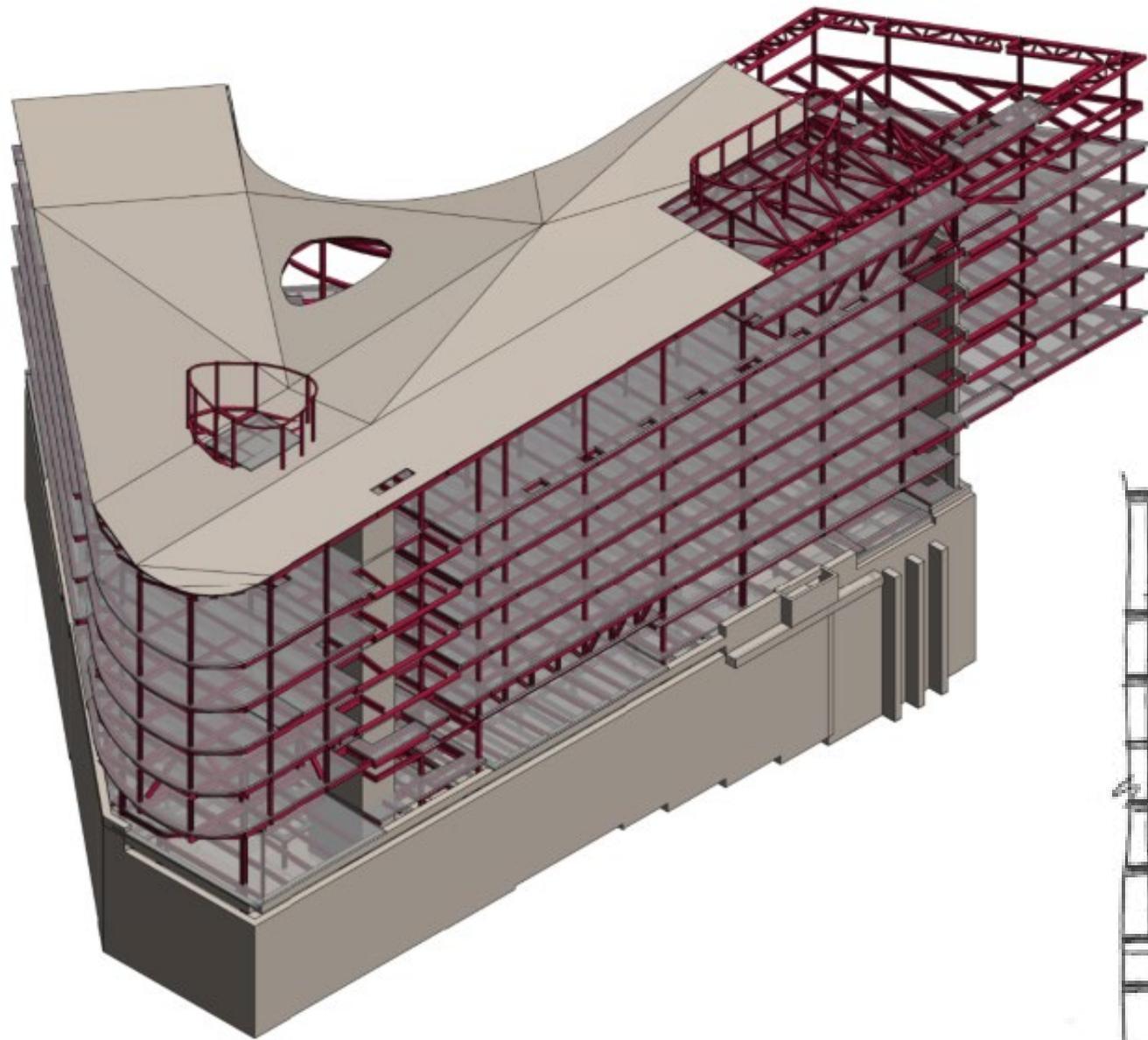


- USGBC **LEED Gold** Level Certification
- 136 kBtu/SF/Yr Energy Use Index [EUI]
- >40% total energy use reduction
- Convertible to all-electric / net zero





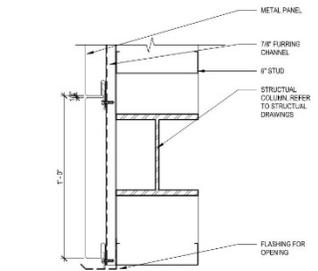
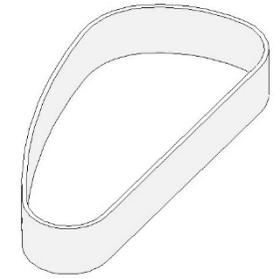
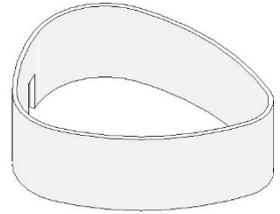
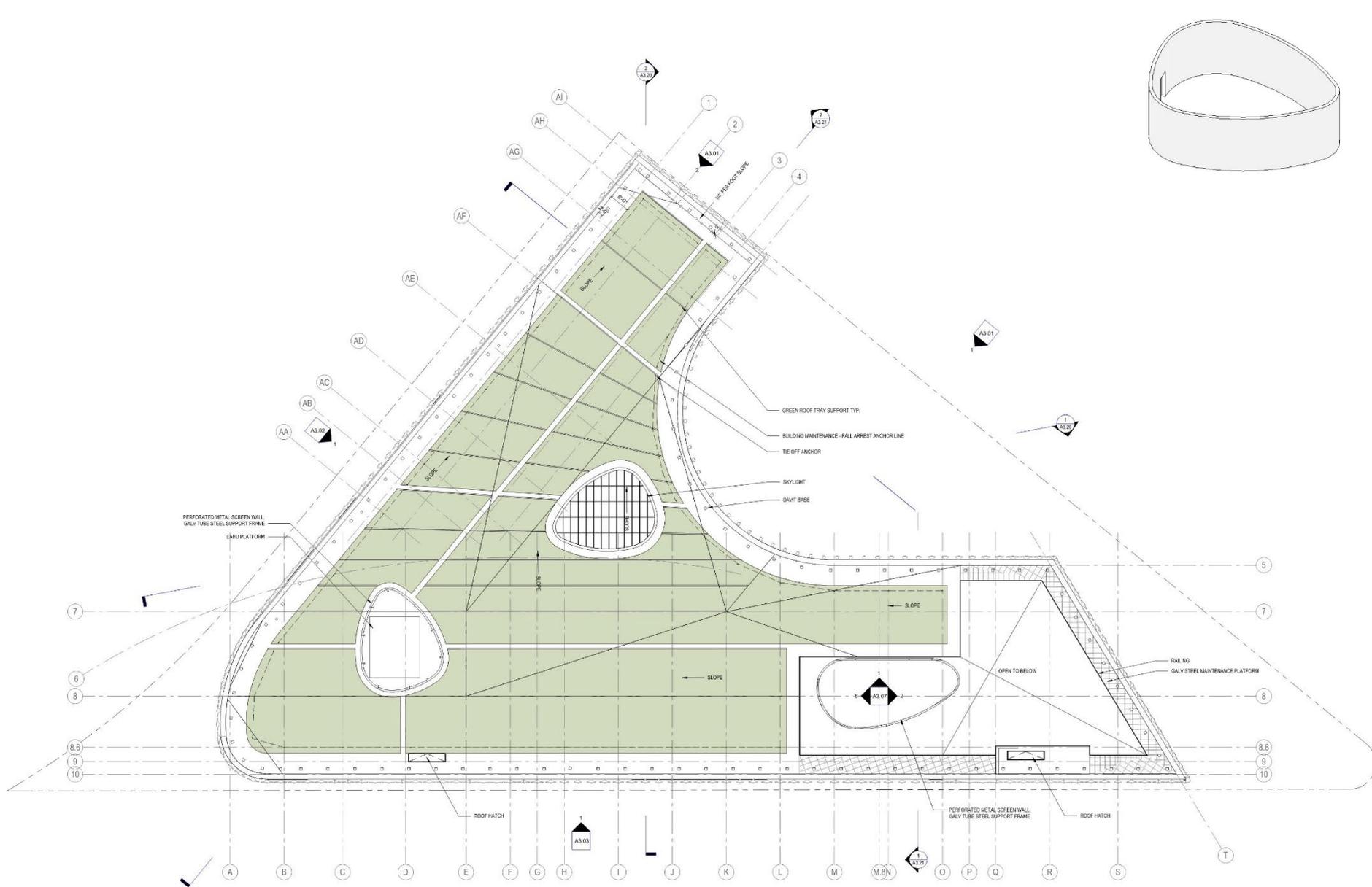




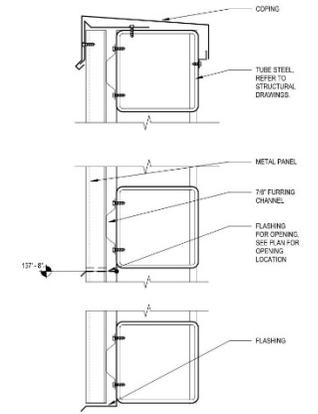


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2 SCREEN WALL PLAN DETAIL
SCALE: 3" = 1'-0"



3 SCREEN WALL DETAIL
SCALE: 3" = 1'-0"





Project Team

Architect: PAYETTE

Structural Engineer: Arup

MEP/FP & Lighting: Arup

General Contractor: Consigli

Owner's Rep: Waypoint KLA





600

RI