

ELKS CHILDREN'S EYE CLINIC

OHSU + CASEY EYE INSTITUTE

DAR 1 - 11/01/2017

EA 17-233217 DA - 3181 SW Sam Jackson PK Rd.

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TEAM

Owner	Casey Eye Institute / OHSU
Architect	NBBJ
General Contractor	Skanska
Landscape Architect	Mayer Reed
Structural Engineer	MKA
Mechanical Engineer	PAE
Electrical Engineer	PAE
Food Service Designer	Ricca Design
Acoustical Engineer	A3
Commissioning Agent	Heery International

MISSION

Finding cures for preventable blindness

OHSU Casey Eye Institute is embracing a bold new goal –to eliminate blindness in Oregon and beyond.

Speeding the pace of innovation

Casey also will be able to expand its bench-to-bedside research of blinding eye disease - from rare, inherited childhood disorders to conditions that commonly afflict older adults.

Guiding Principles

1. Patient and provider experience: The design should provide for maximum efficiency in a setting that considers all levels of visual function and is aesthetically pleasing.

- Conditions of Satisfaction:
- Provider satisfaction
- Patient flow metrics
- Patient satisfaction (facility measures)

2. Optimize clinical care team communication and teamwork.

- Conditions of Satisfaction:
- Faculty, trainee and staff collaboration
- Patient satisfaction (communication measures)
- Trainee teaching evaluations

3. Support Innovation

- Conditions of Satisfaction:
- Incorporates new technology and accommodates future program changes
- Permits translation of research to patient care
- Allows testing of new patient care paradigms

4. Flexibility

- Conditions of Satisfaction:
- Able to incorporate new developments between initial design and construction
- Space enables new technology and program changes

5. Supports Education

- Conditions of Satisfaction:
- Success in Resident and Fellow Match
- Resident and Fellow evaluations
- Enhances continuing medical education
- Supports staff education

6. Service to the Community

- Conditions of Satisfaction:
- Provides infrastructure for population health
- Low vision and rehabilitation
- Enhances relationship with Oregon State Elks

7. Global Leader

- Conditions of Satisfaction
- Faculty recruitment and retention
- Institutional rankings

Site and Context



Site and Context - OHSU Campus



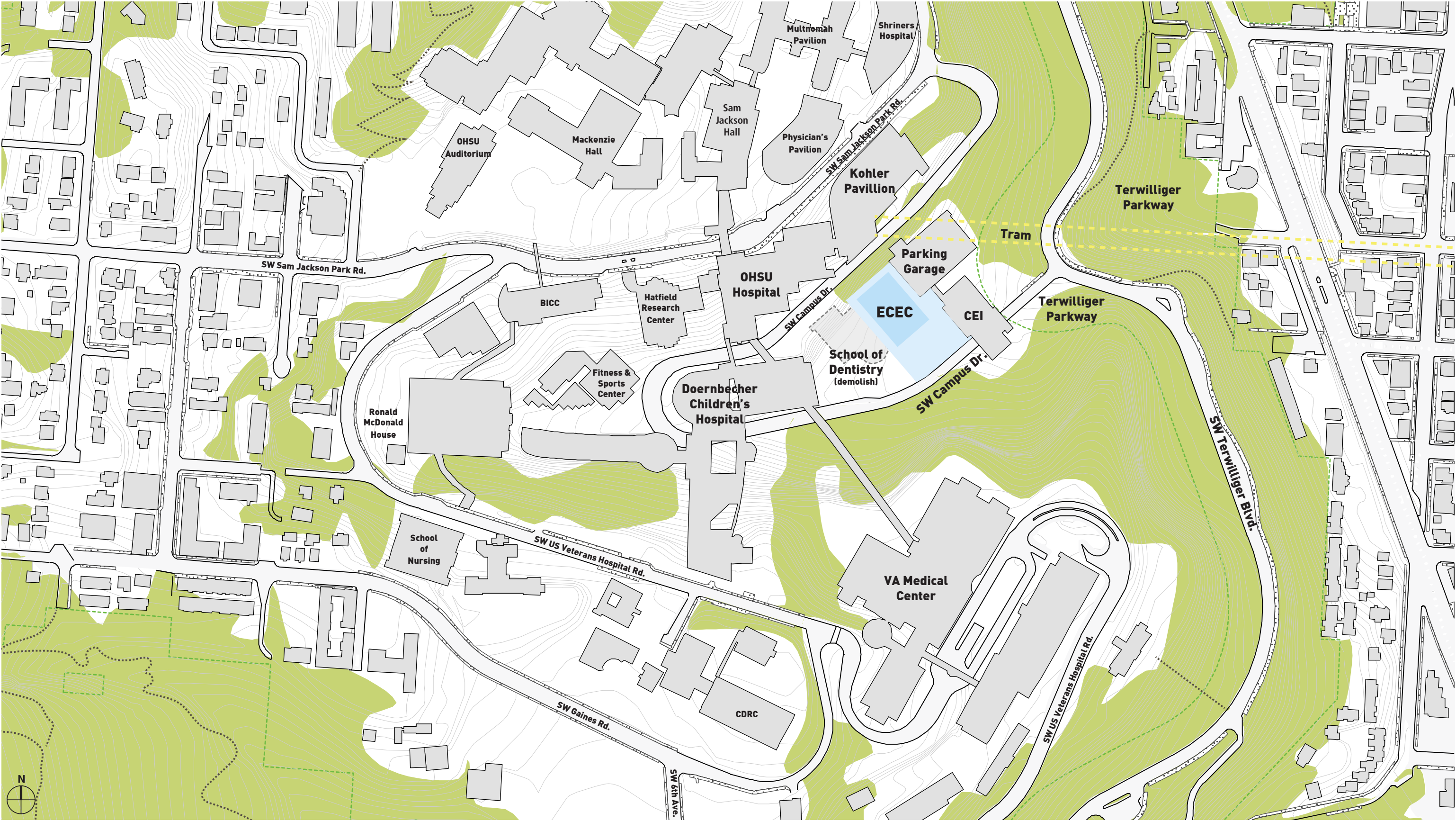
Site and Context - Existing Site



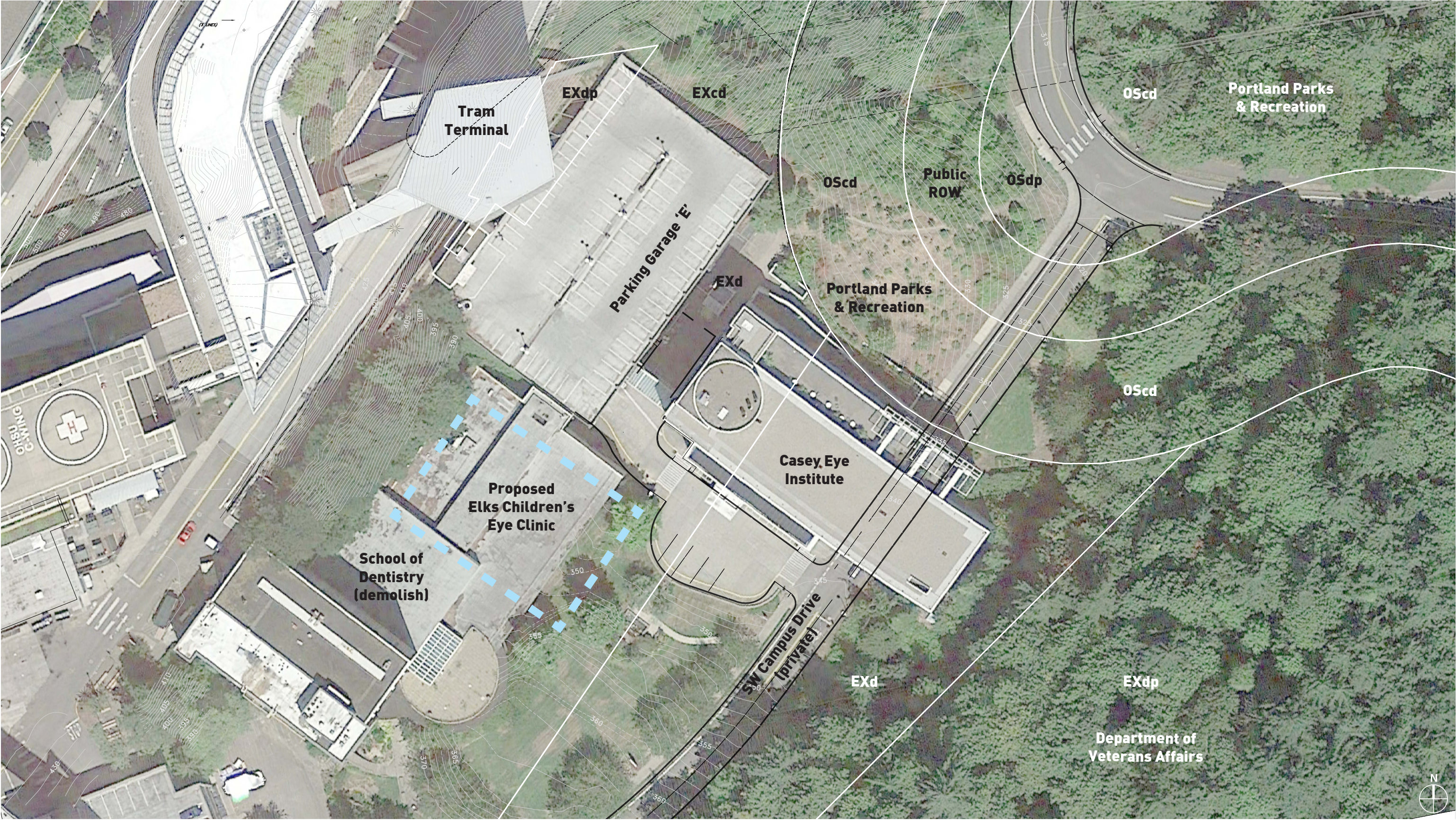
Site and Context - OHSU Campus Aerial Perspective



Site and Context - OHSU Campus



Site and Context - Zoning Summary

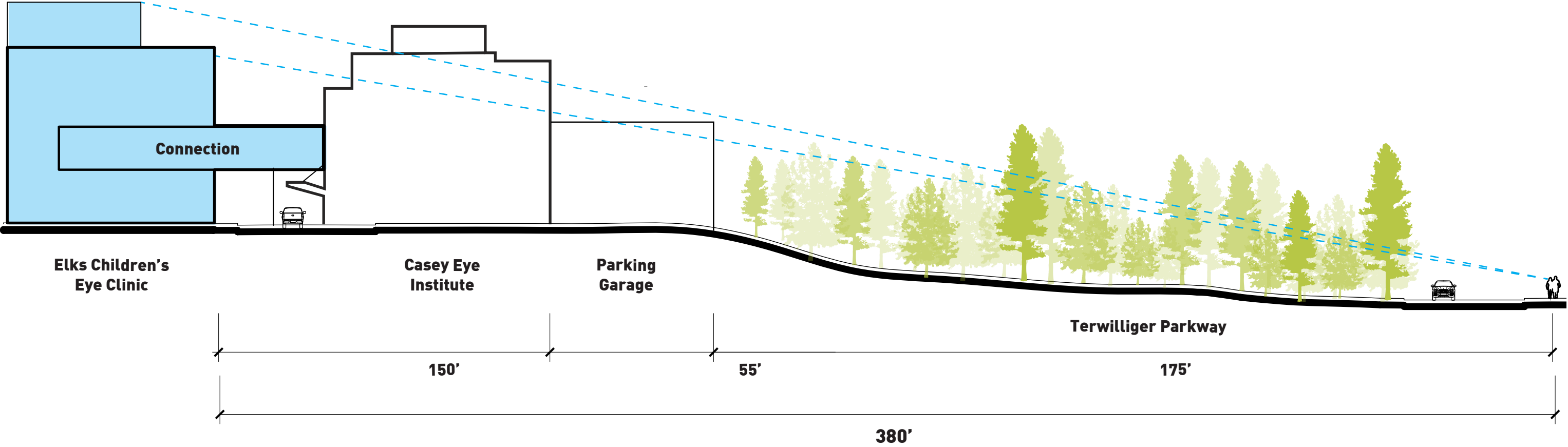
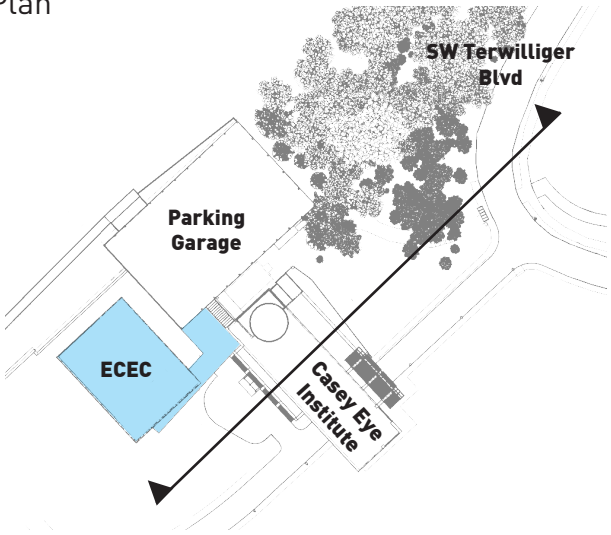


Visibility Analysis - View from Terwilliger Blvd

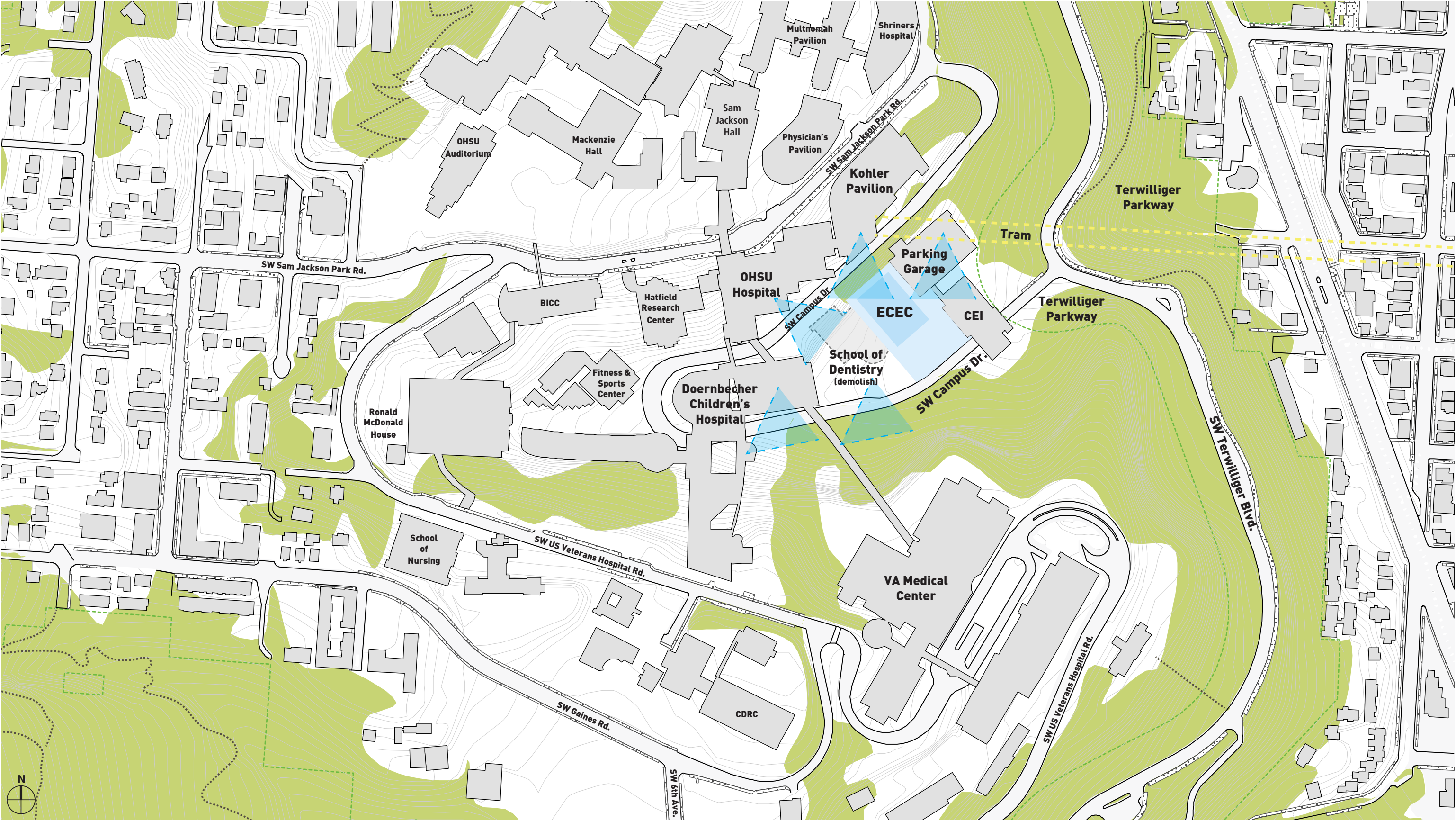


Visibility Analysis - View from Terwilliger Blvd

Key Plan

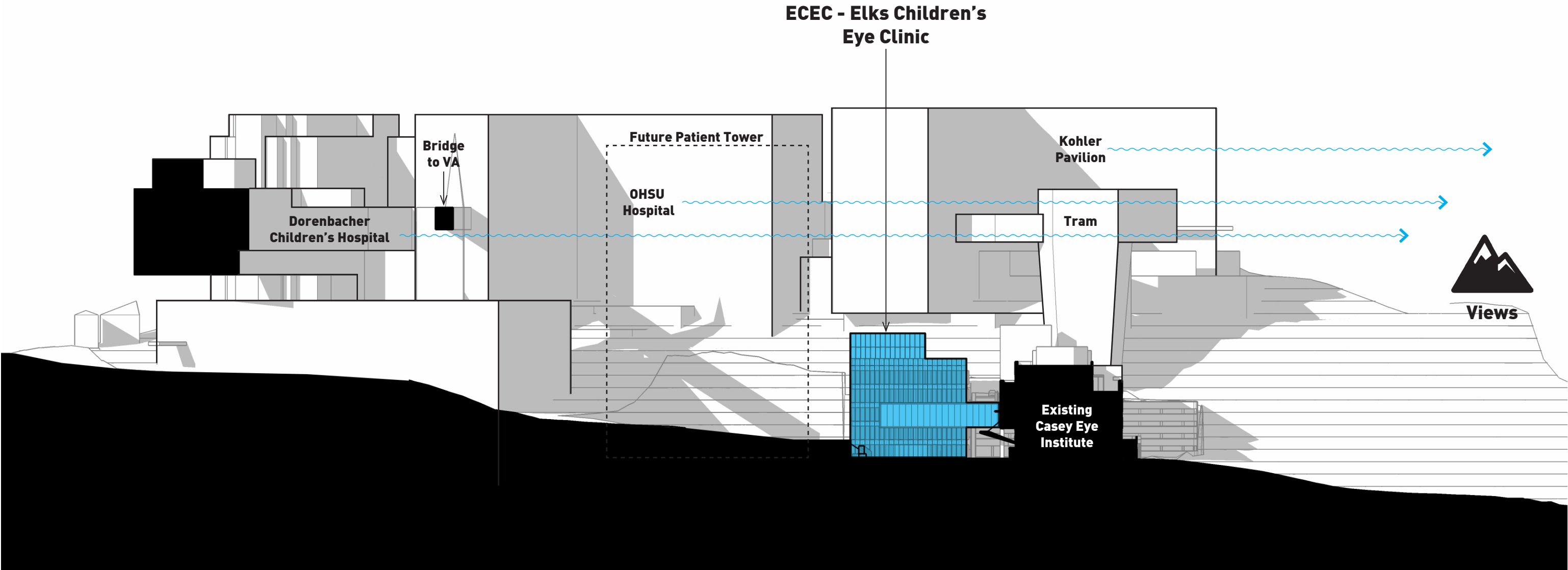


Visibility Analysis - Views into the Site

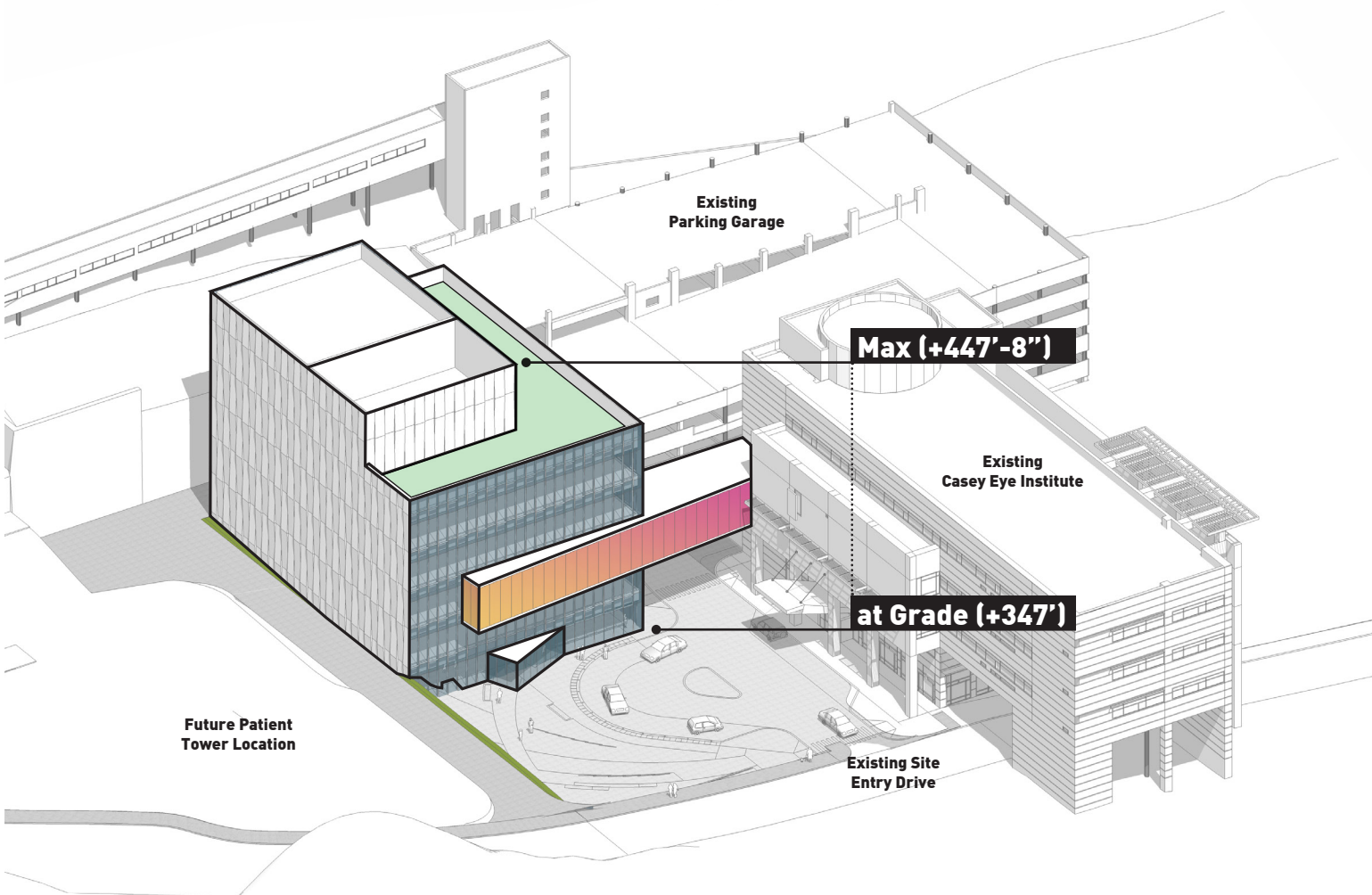
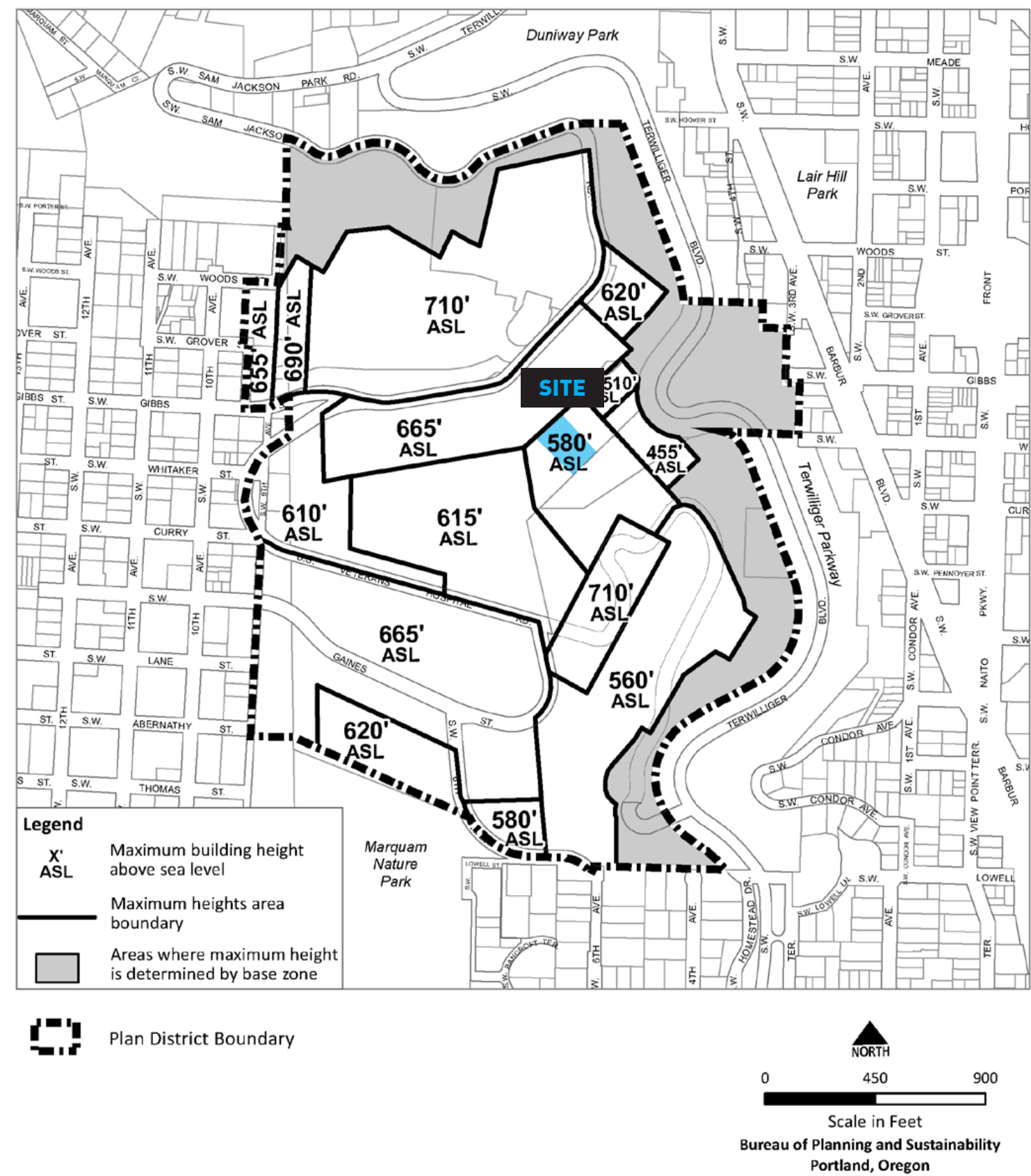


Visibility Analysis - Preserving Views Outward

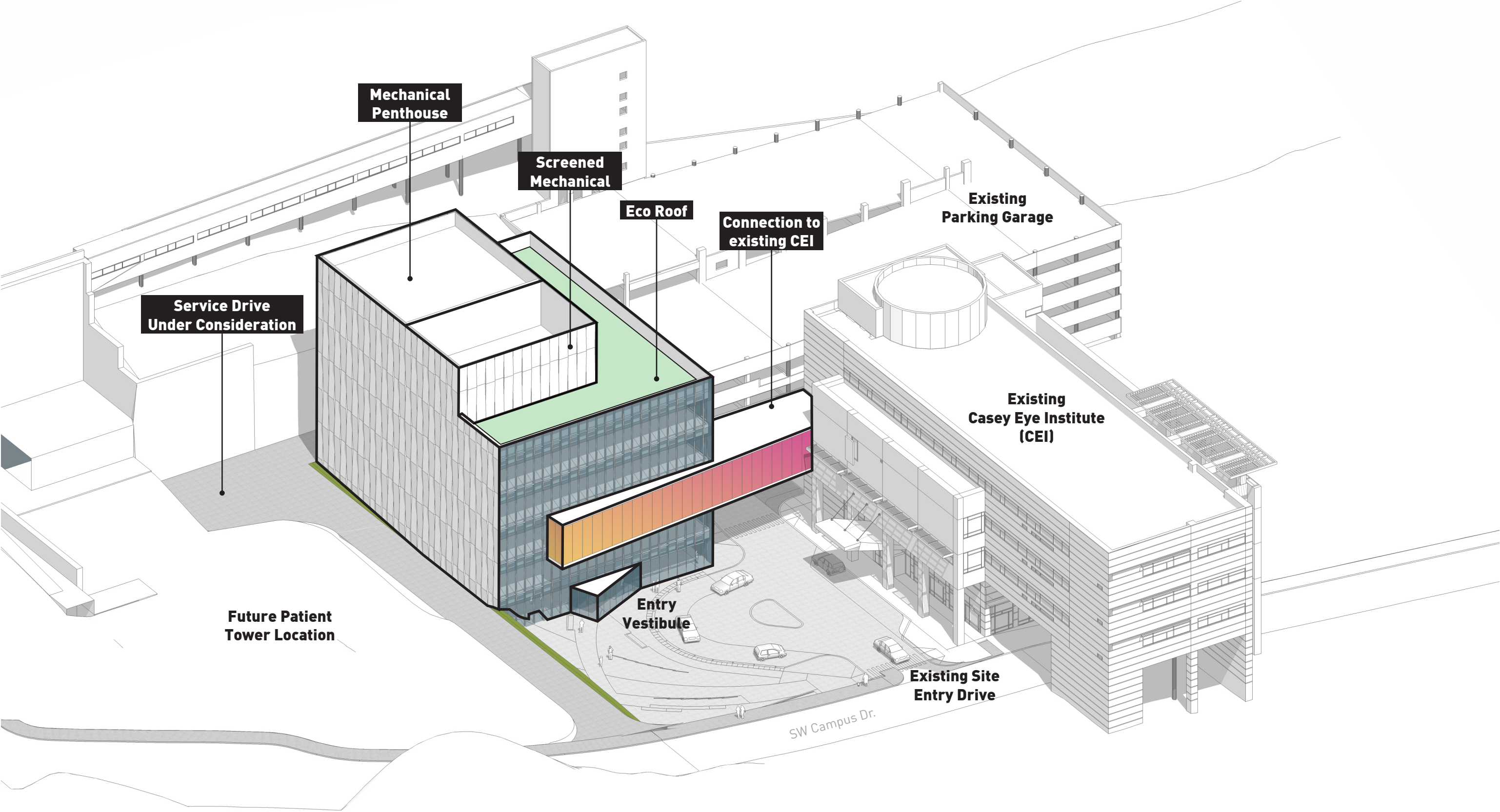
Key Plan



Building Massing - Height Restrictions



Building Massing



“A SITE FOR THE SENSES”

see hear taste scent touch

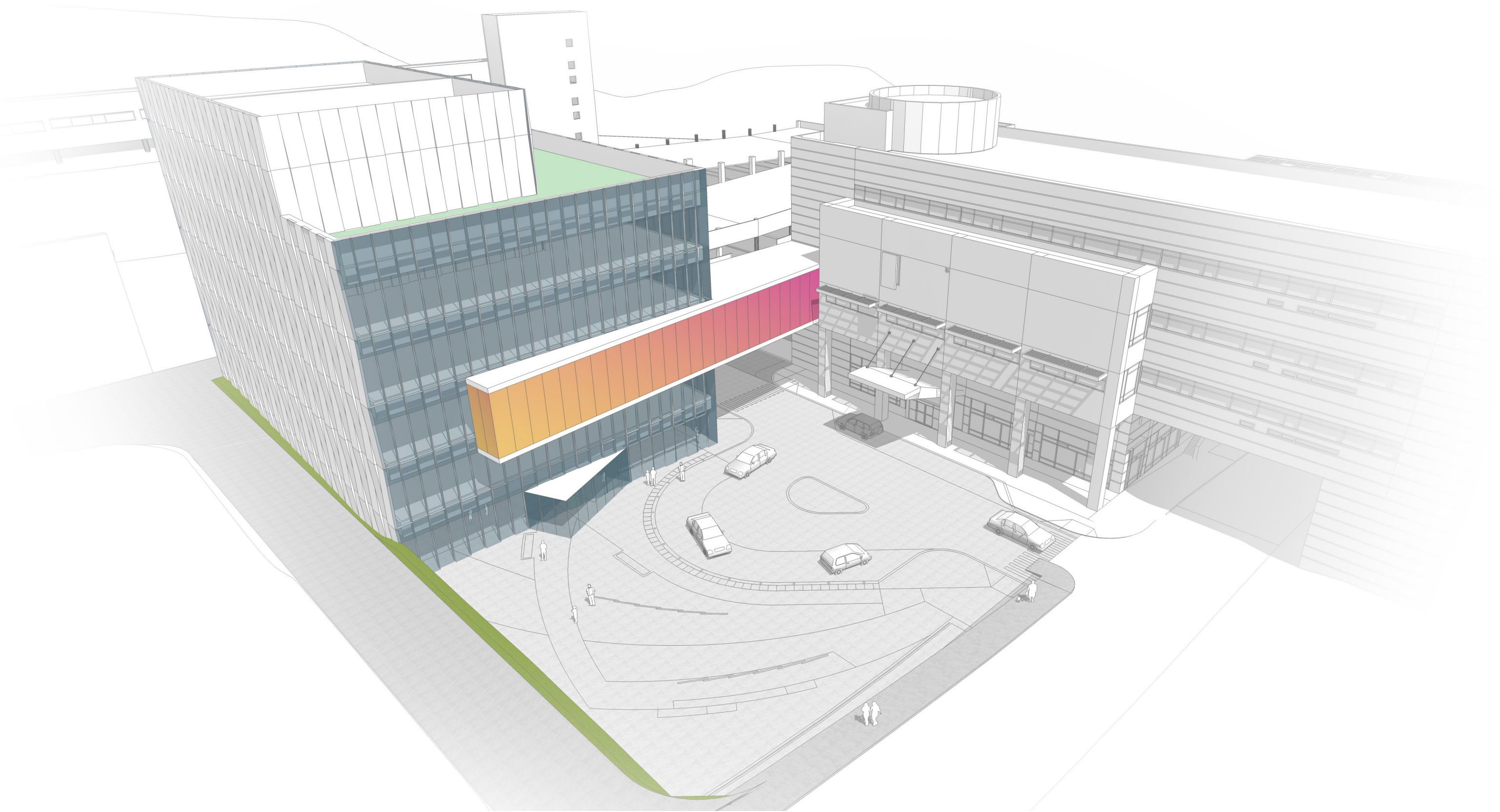
Global Leader...

A site for investigation...
A site for cures...
vision
top level education
innovative
value + contrast
latest technology

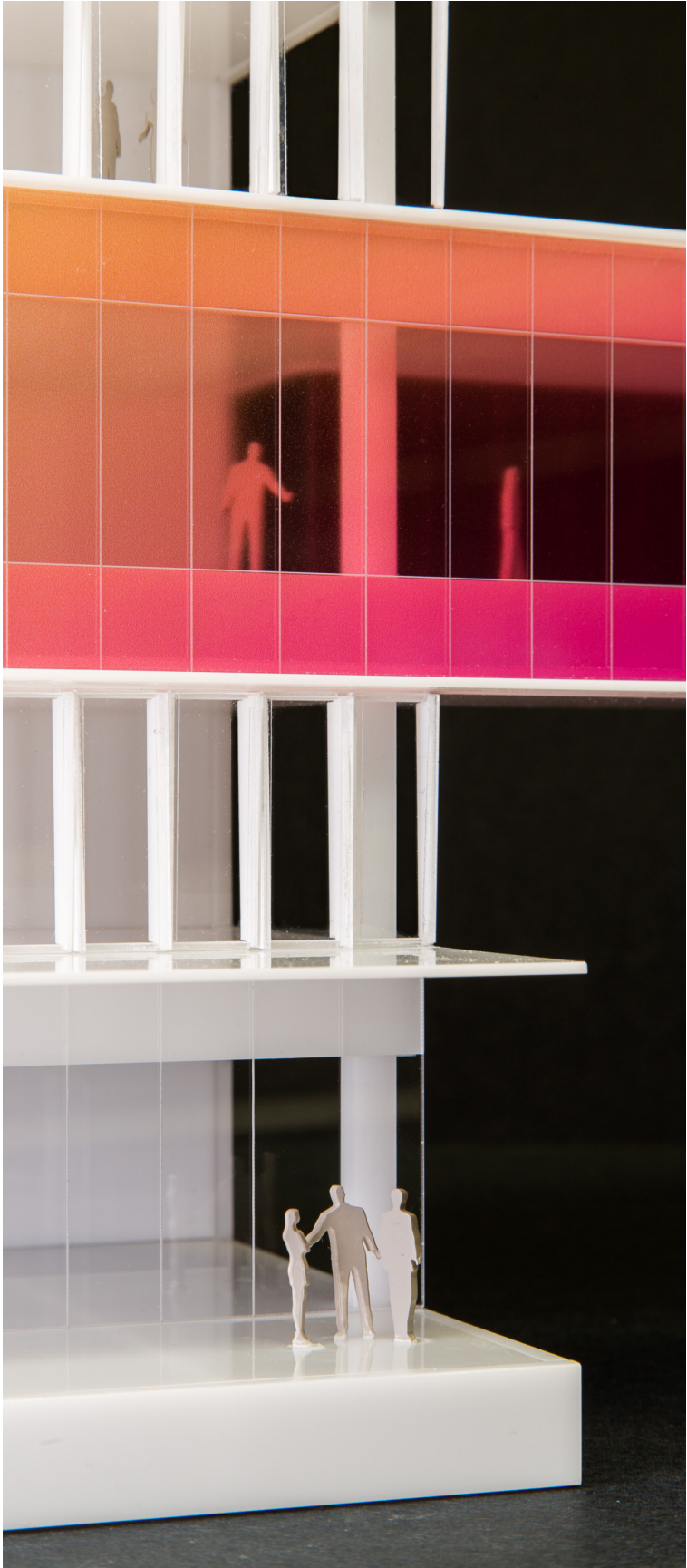
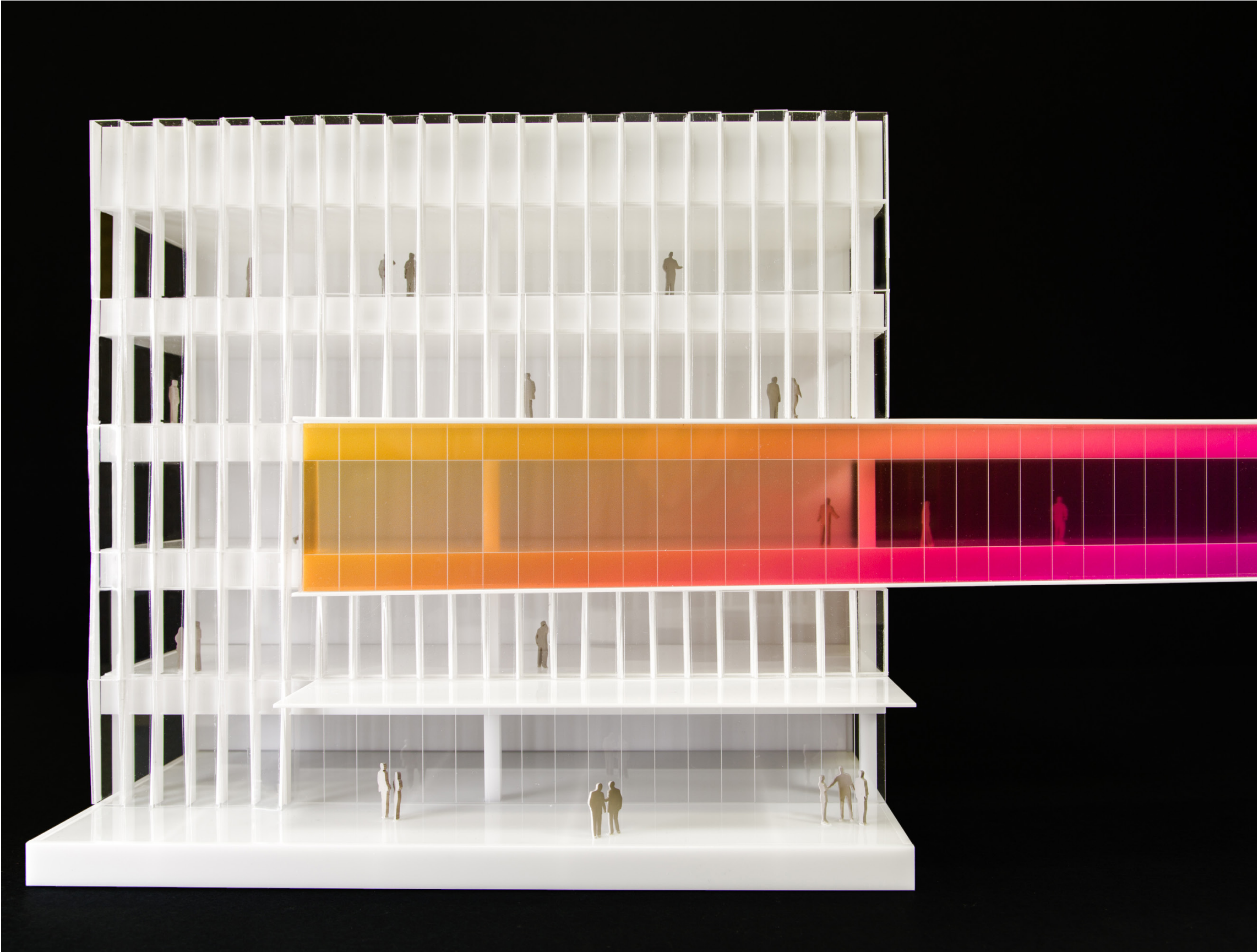
Sense of Wonder

A site for unprecedented care
tailored to your patients
patient and family centered
playful
positive distractions
through your patients eyes
education





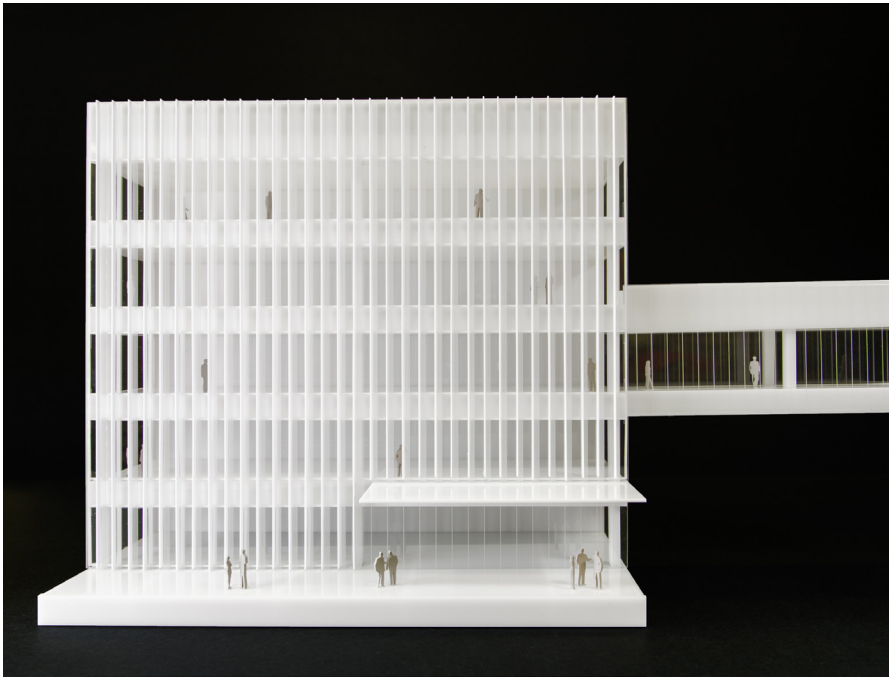
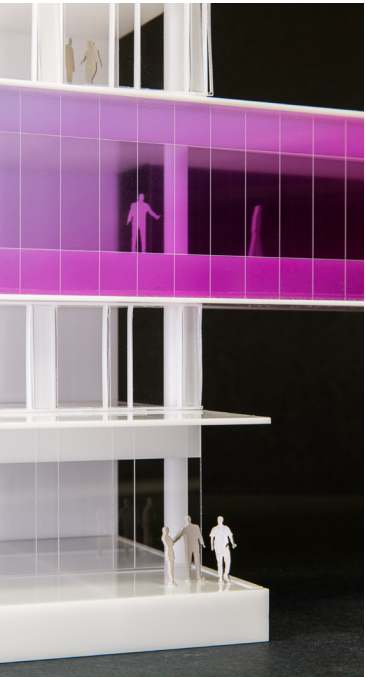
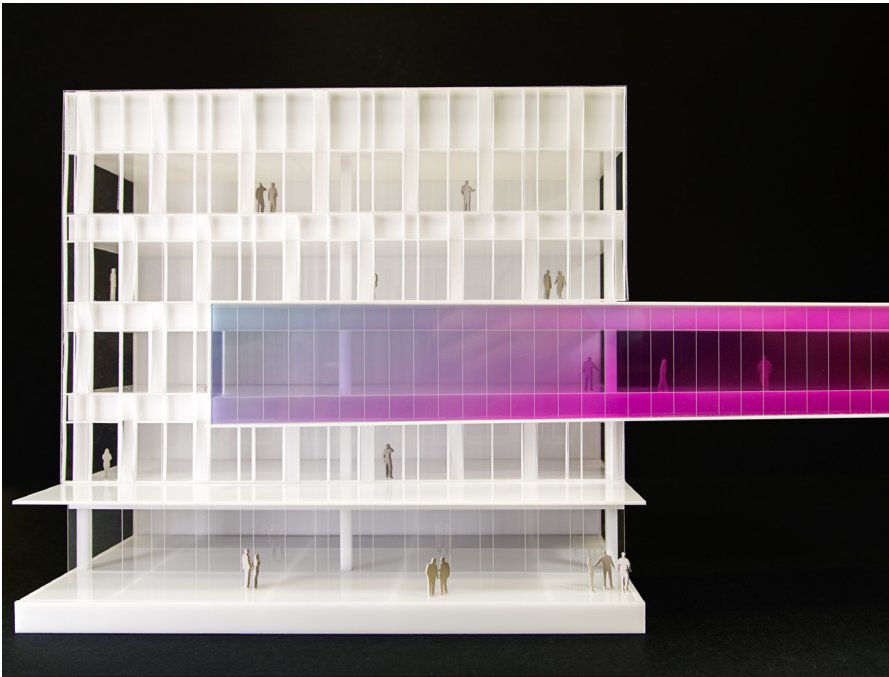
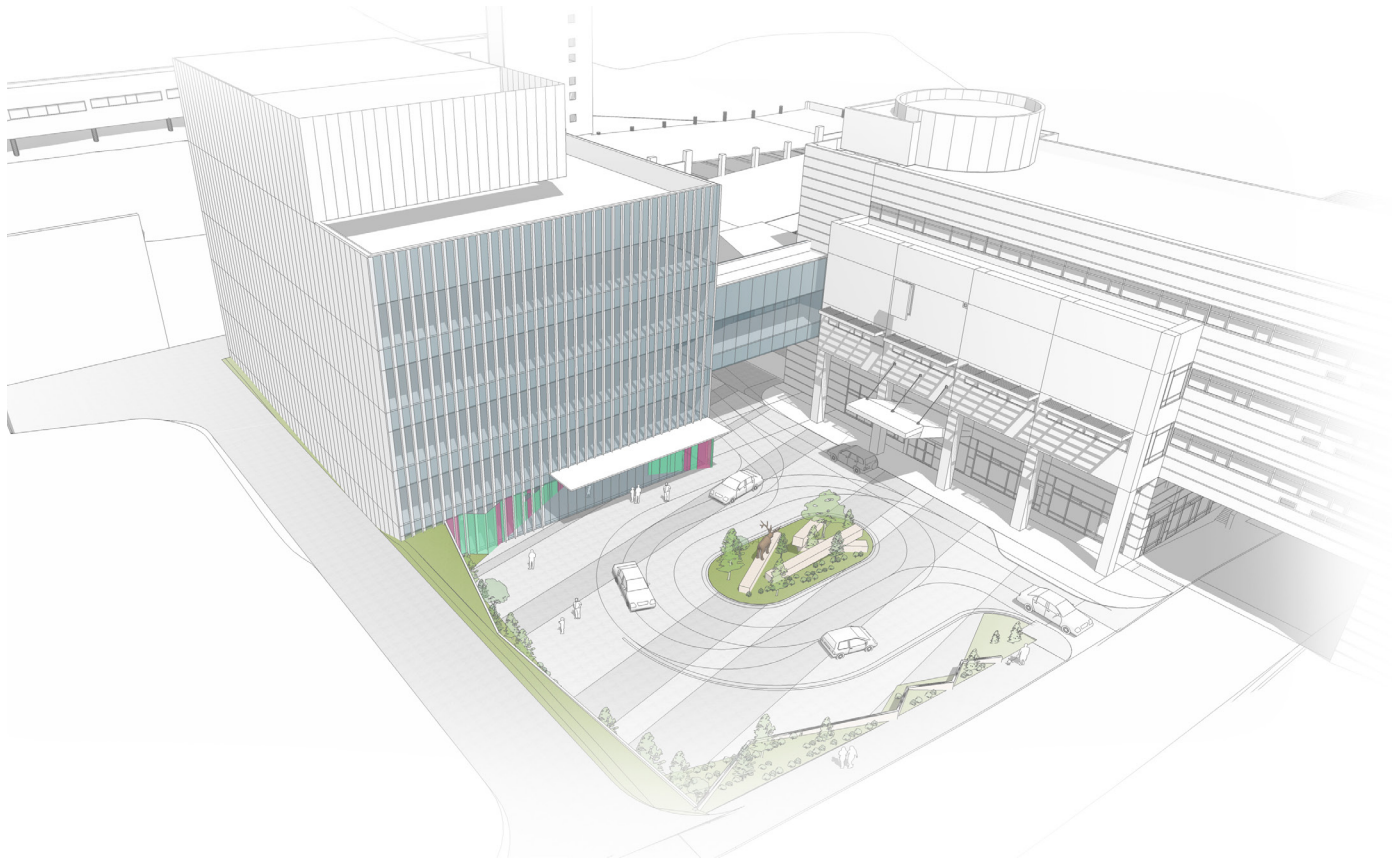
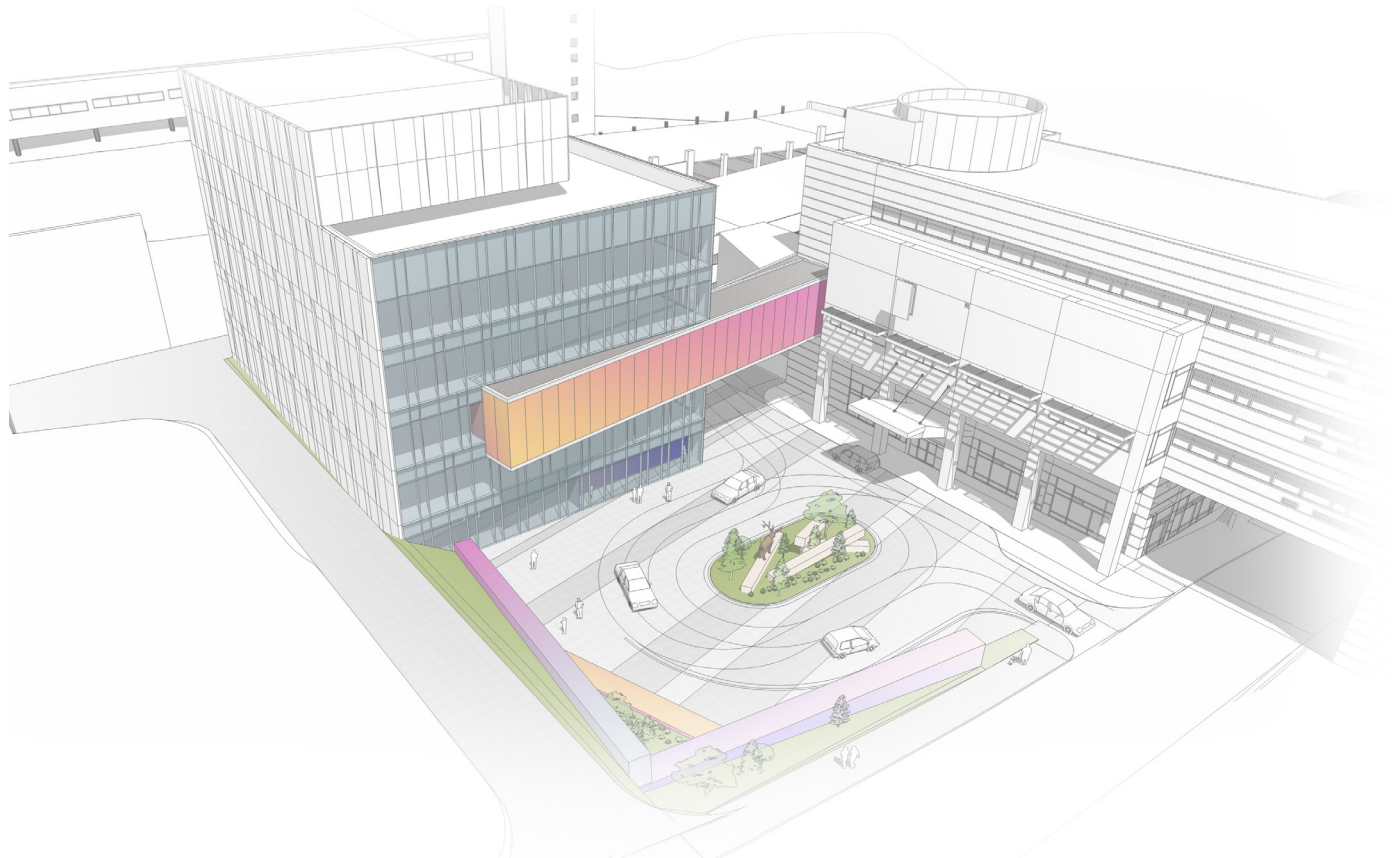
Exterior Design - Physical Model



Exterior Design - Physical Model



Exterior Design - Early Design Studies



Precedent Imagery - Curtain Wall



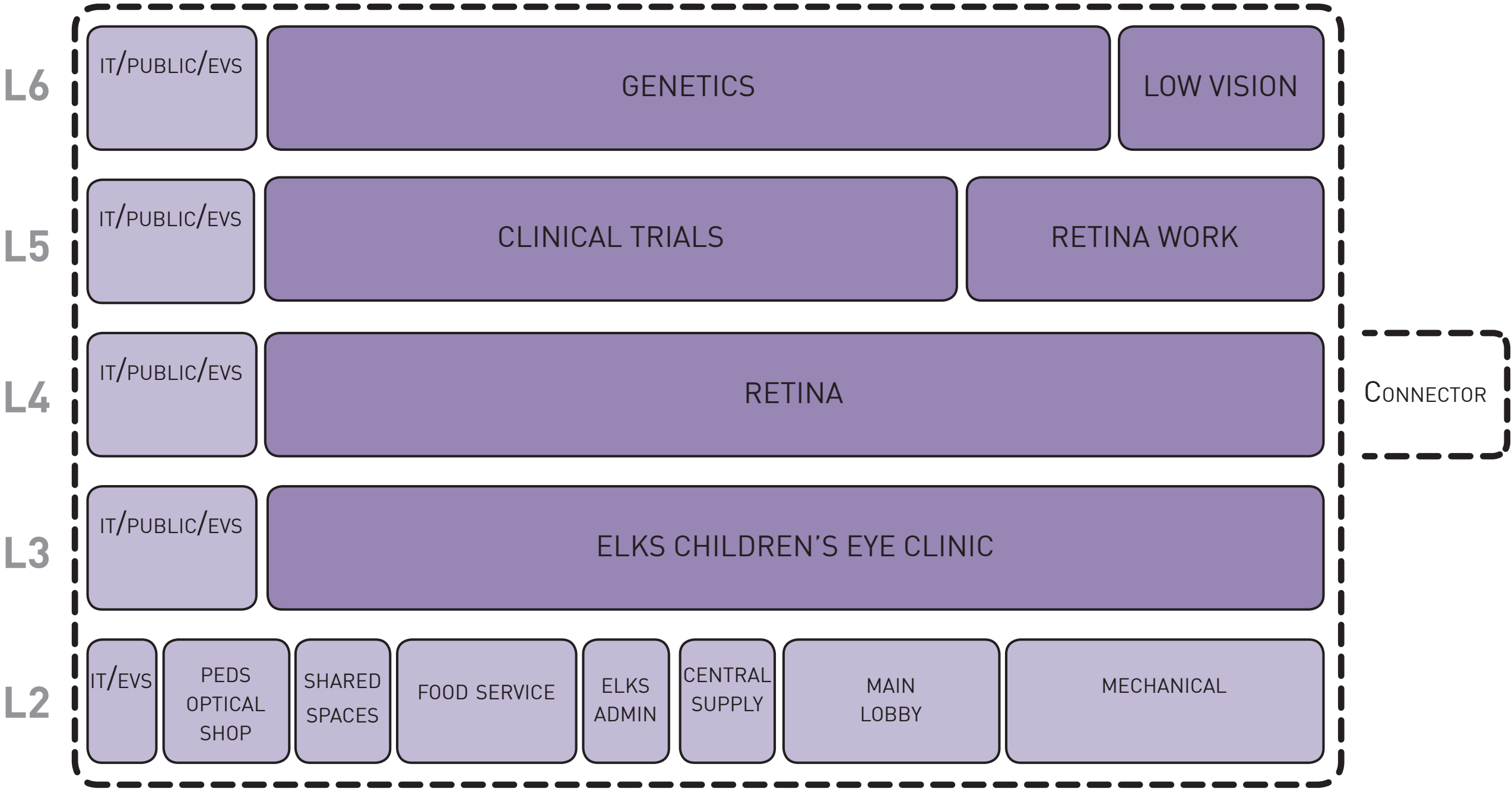
Precedent Imagery - Metal Panel



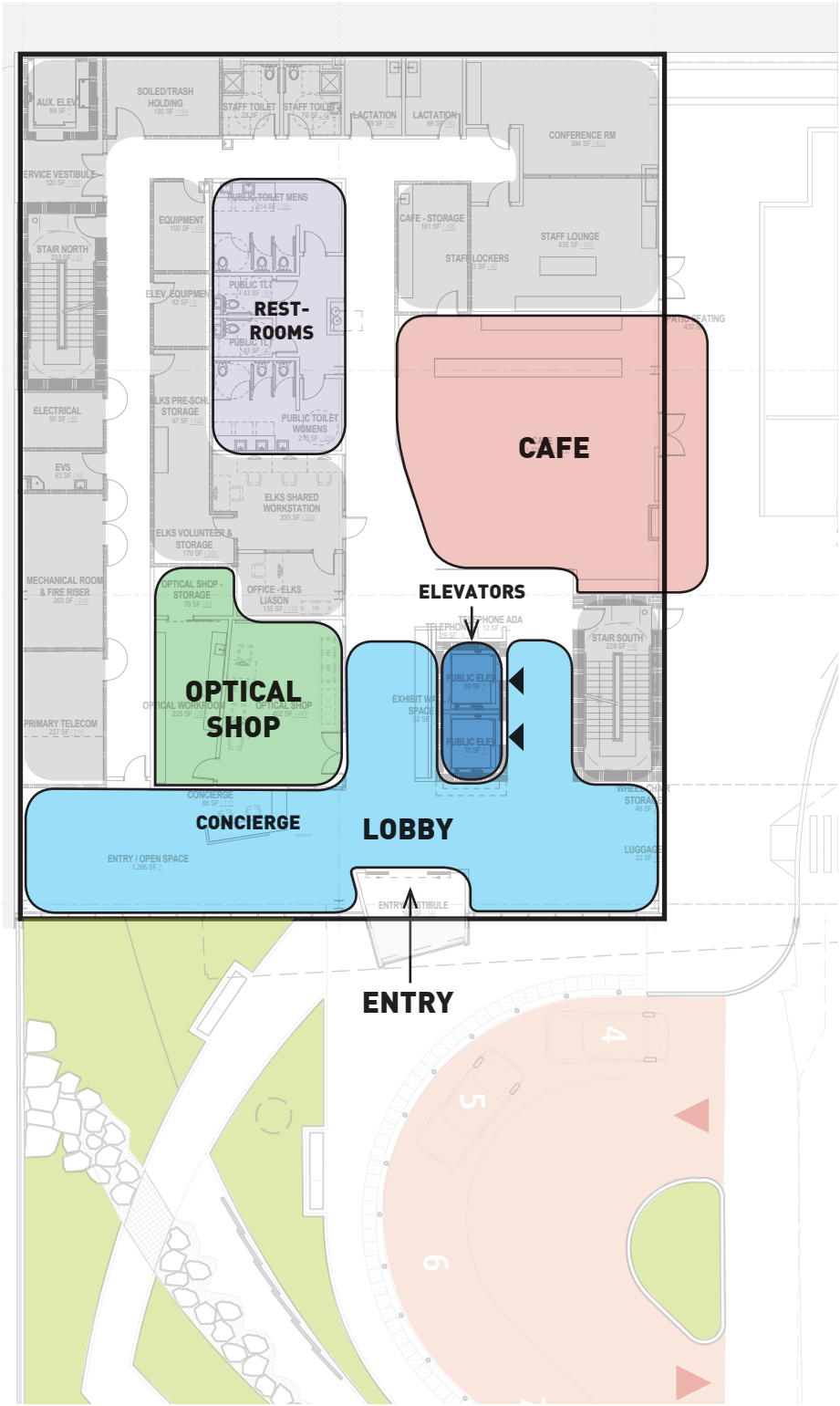
Precedent Imagery - Color



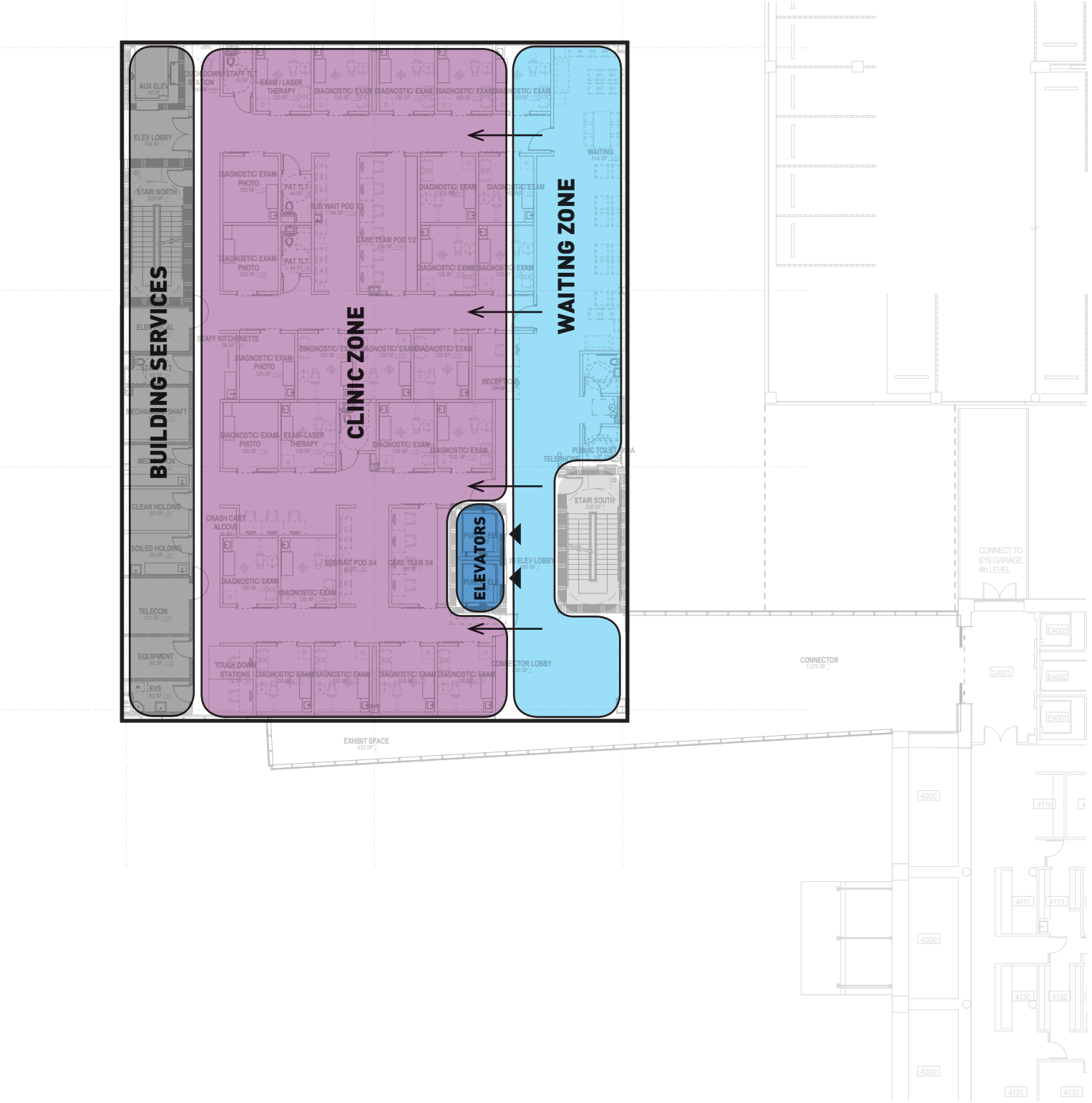
SPACE PROGRAM SECTION - CLINICAL TRIALS SEPARATED



LEVEL 2 PUBLIC SPACES

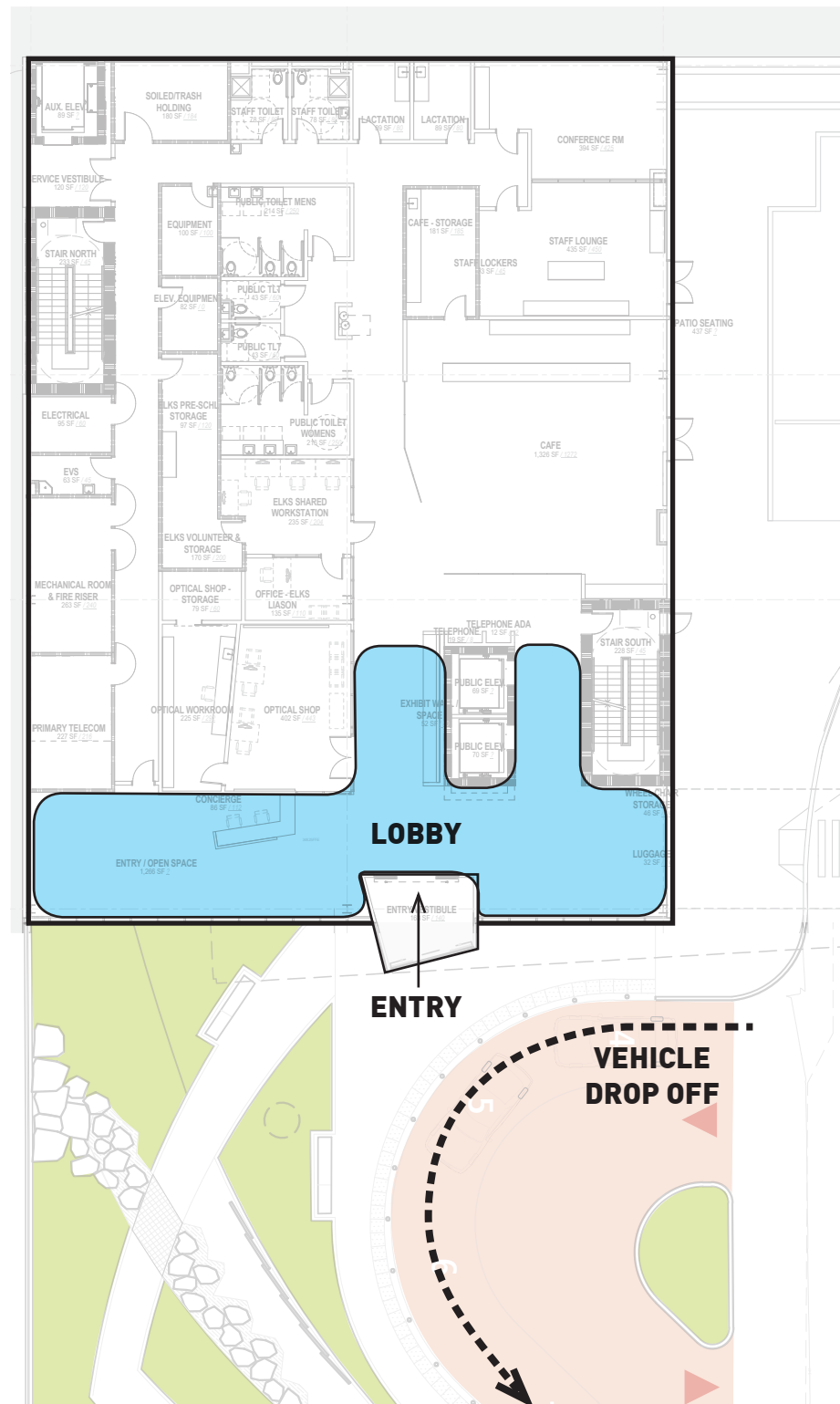


GENERAL CLINIC LAYOUT

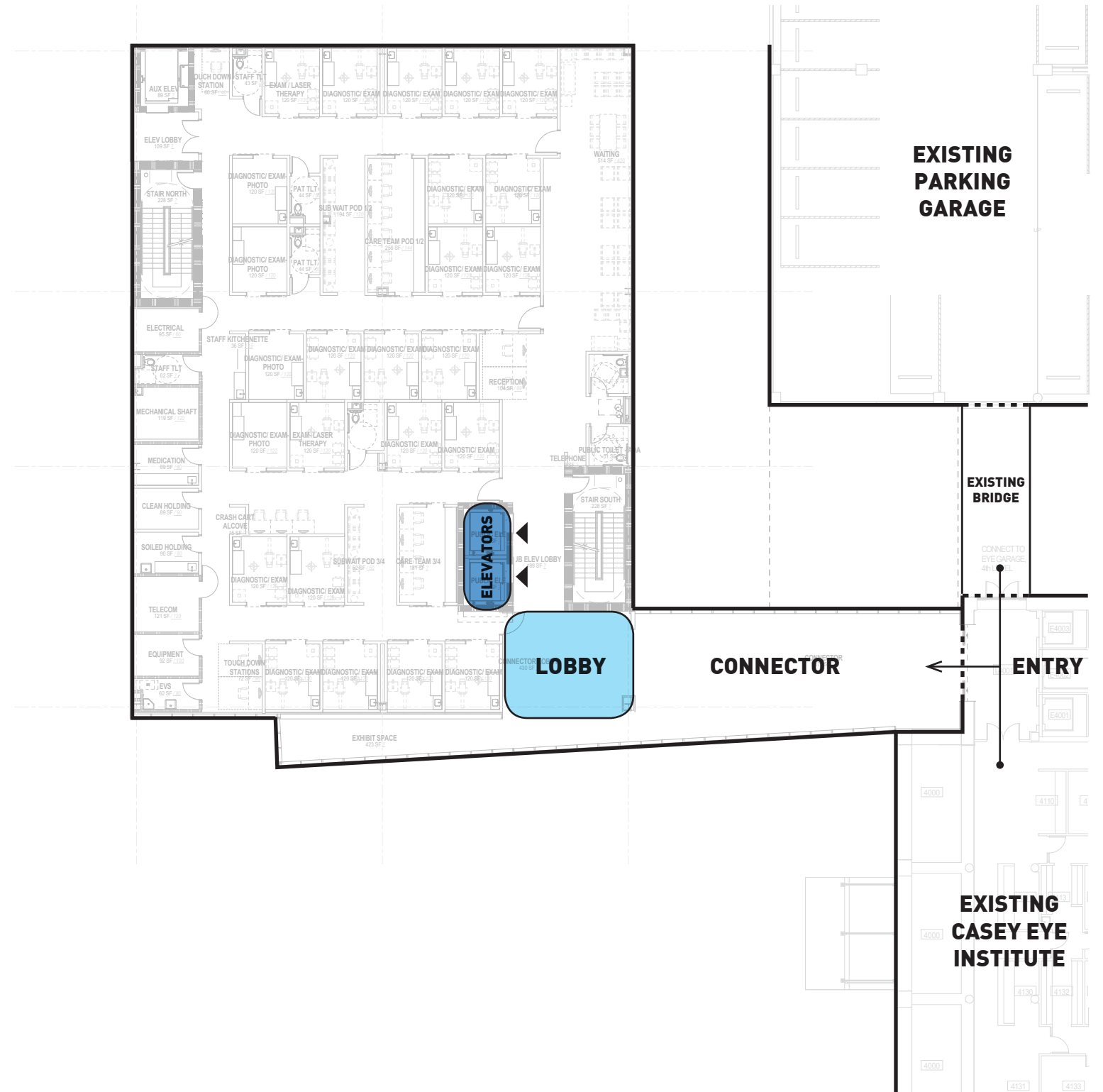


Building Diagrams - Building Entries

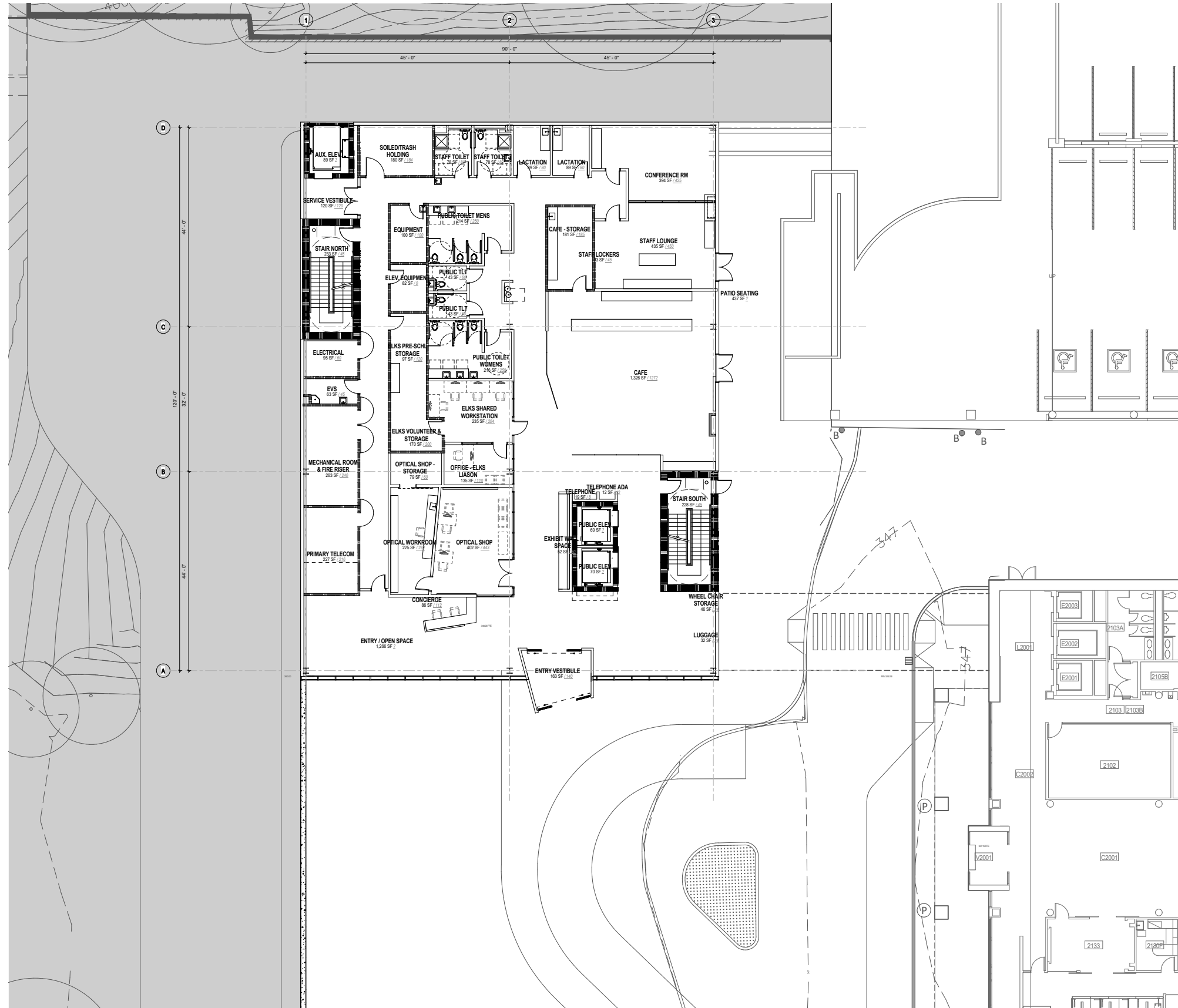
LEVEL 2 BUILDING ENTRY



LEVEL 4 BUILDING ENTRY



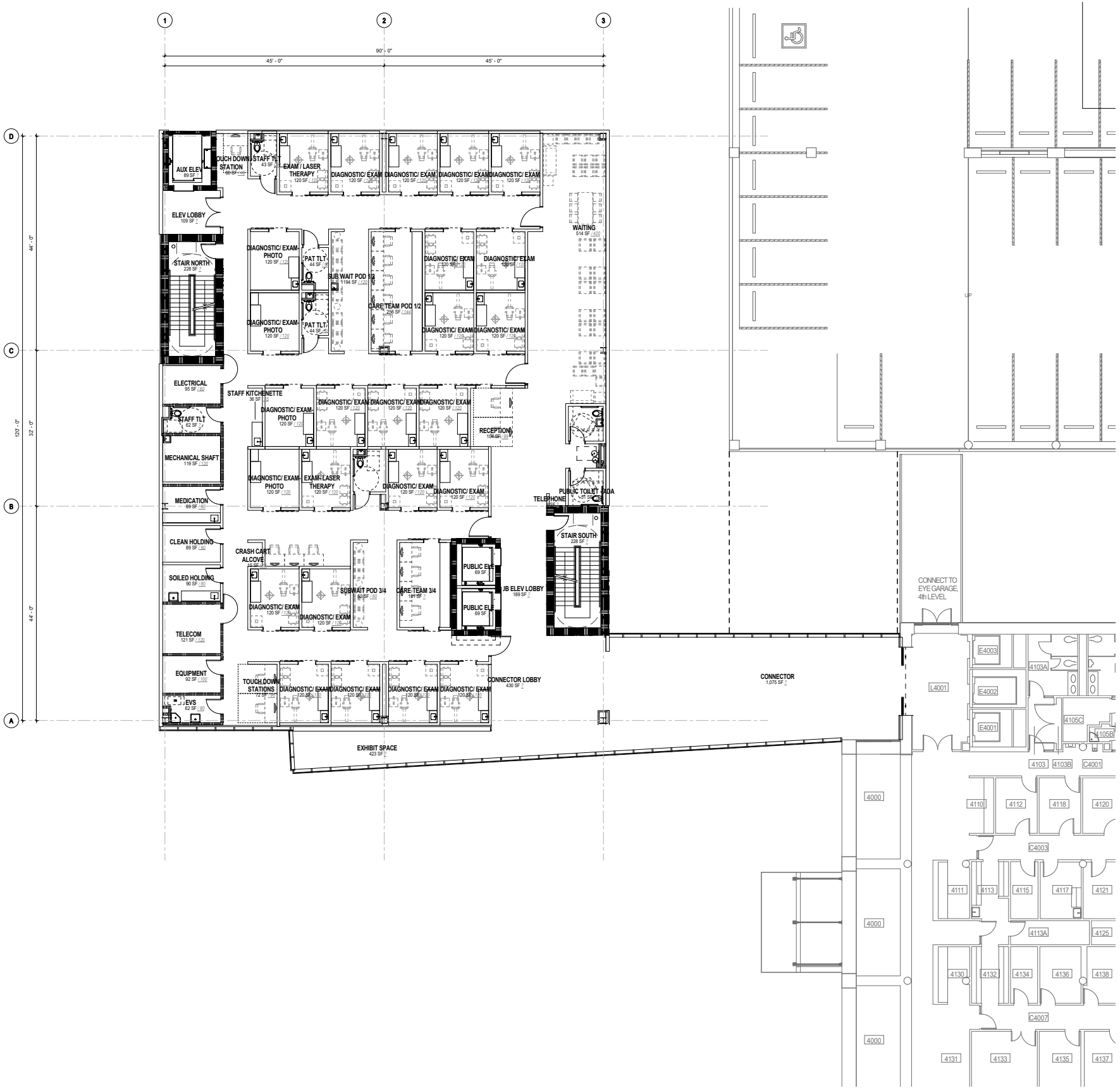
Floor Plans - Level 2



Floor Plans - Level 3



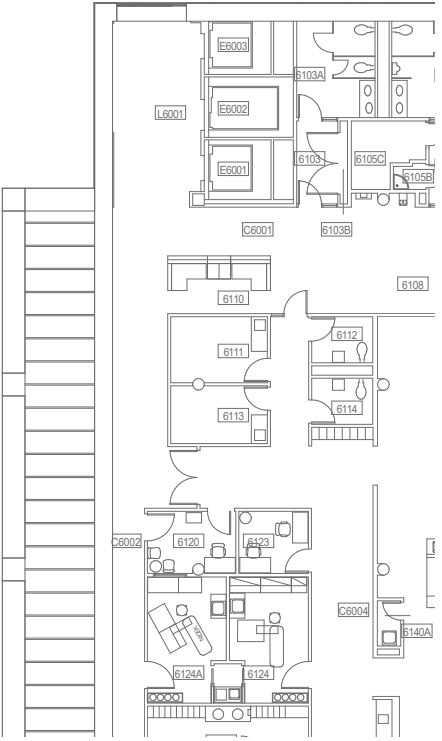
Floor Plans - Level 4



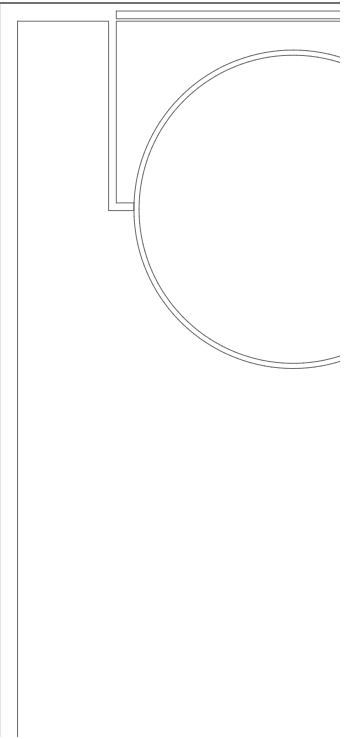
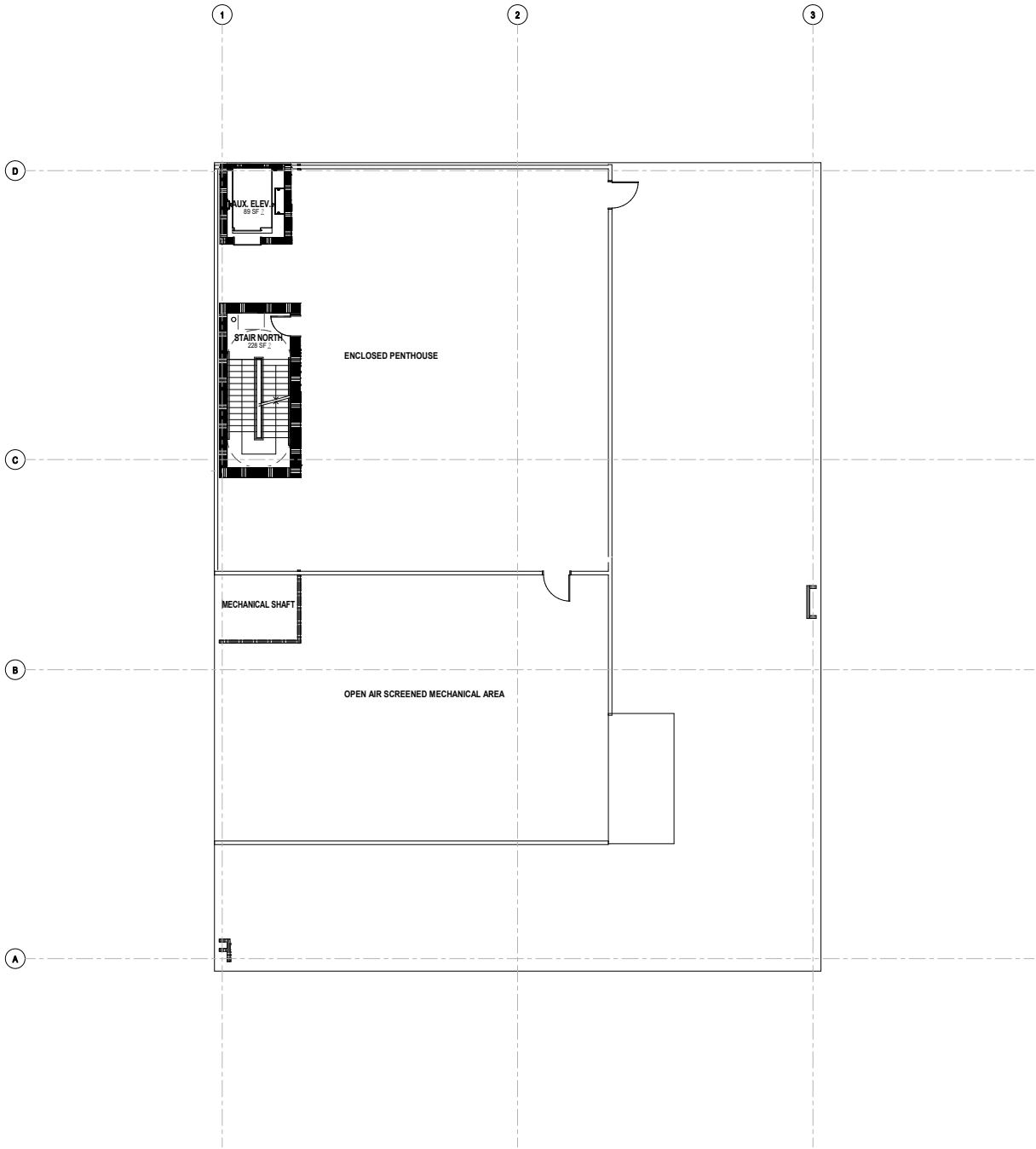
Floor Plans - Level 5



Floor Plans - Level 6

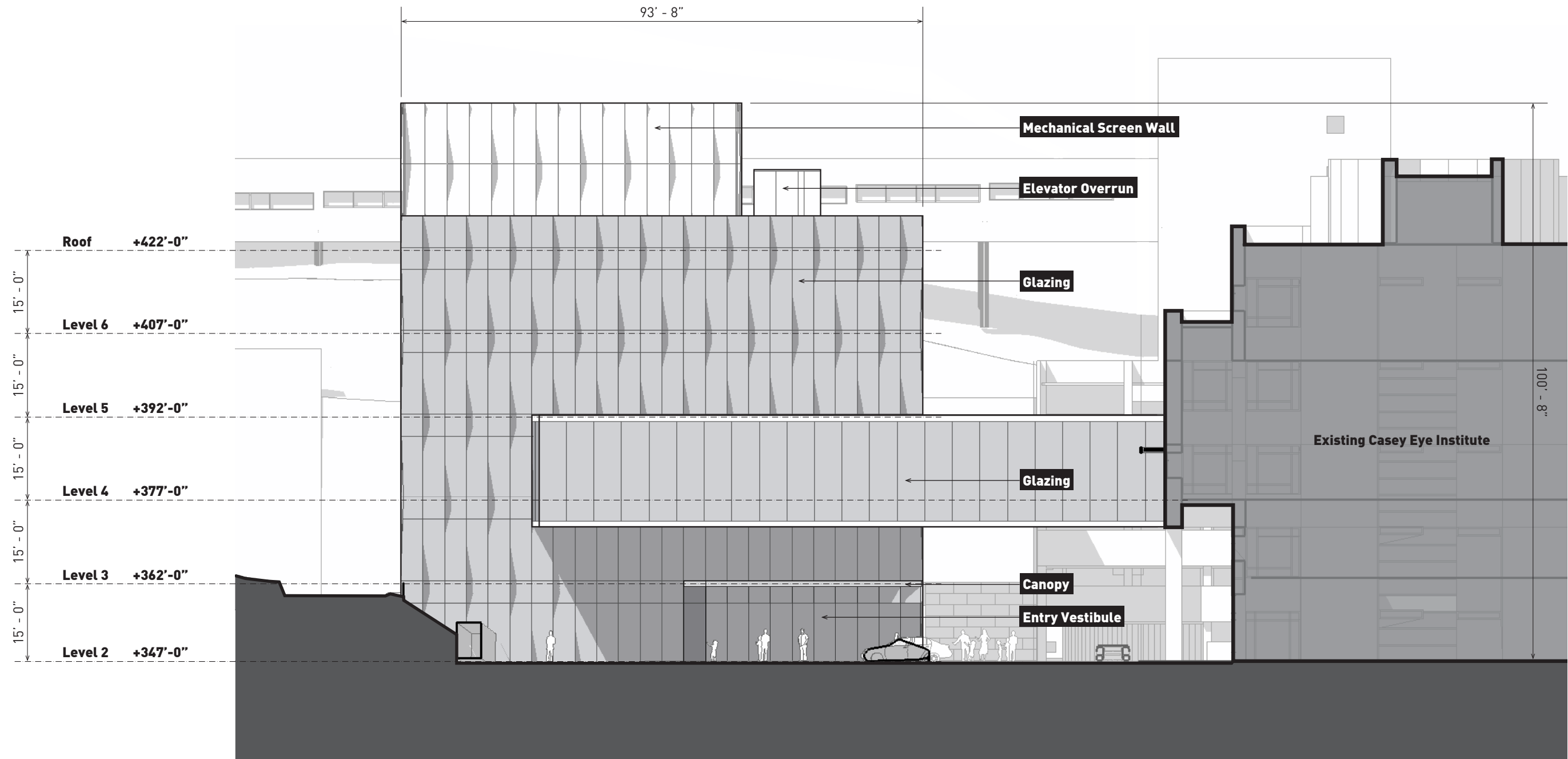
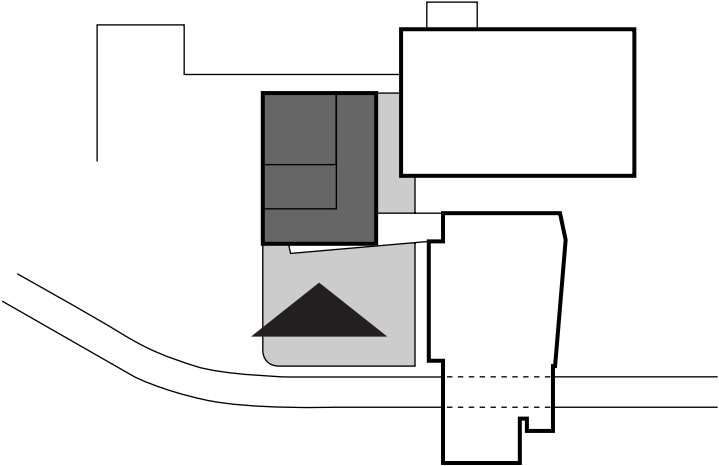


Floor Plans - Roof



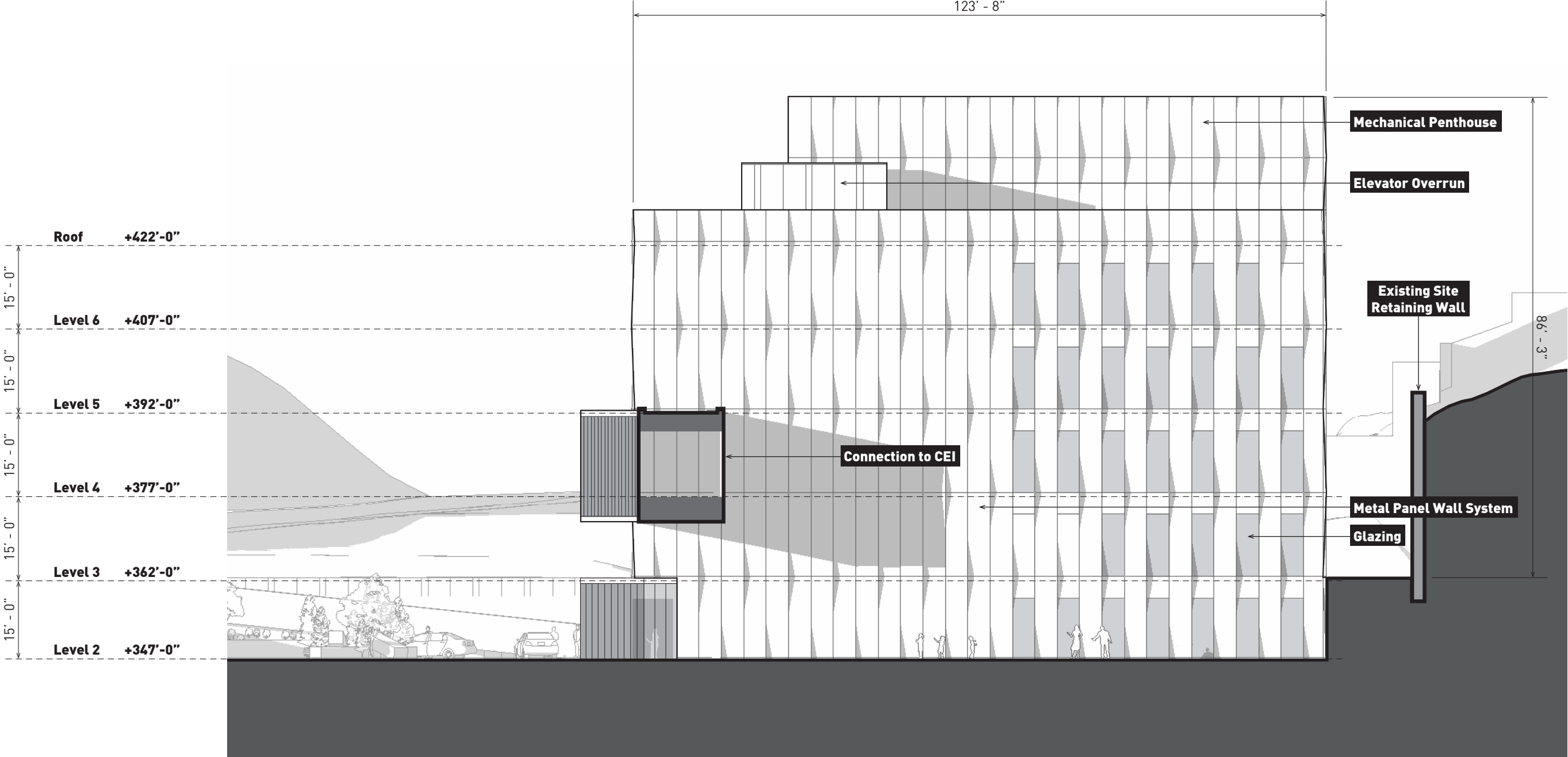
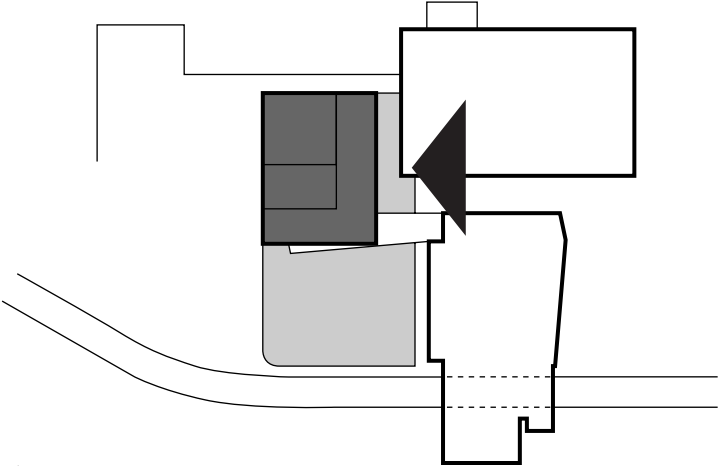
Building Elevation - South

Key Plan

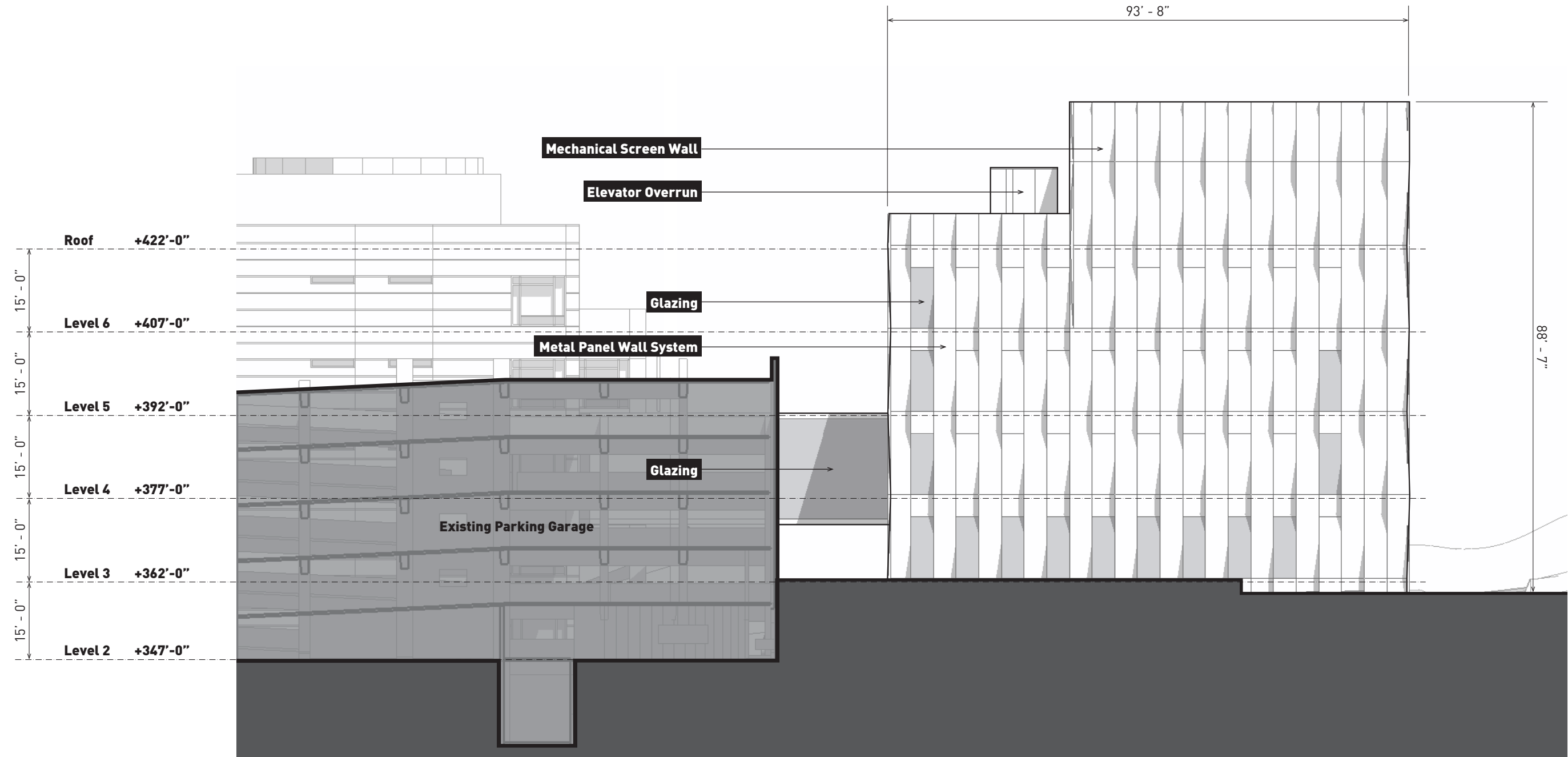
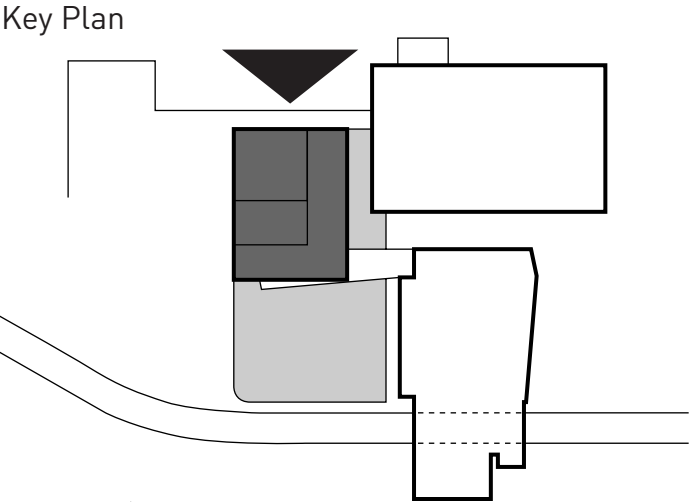


Building Elevation - East

Key Plan

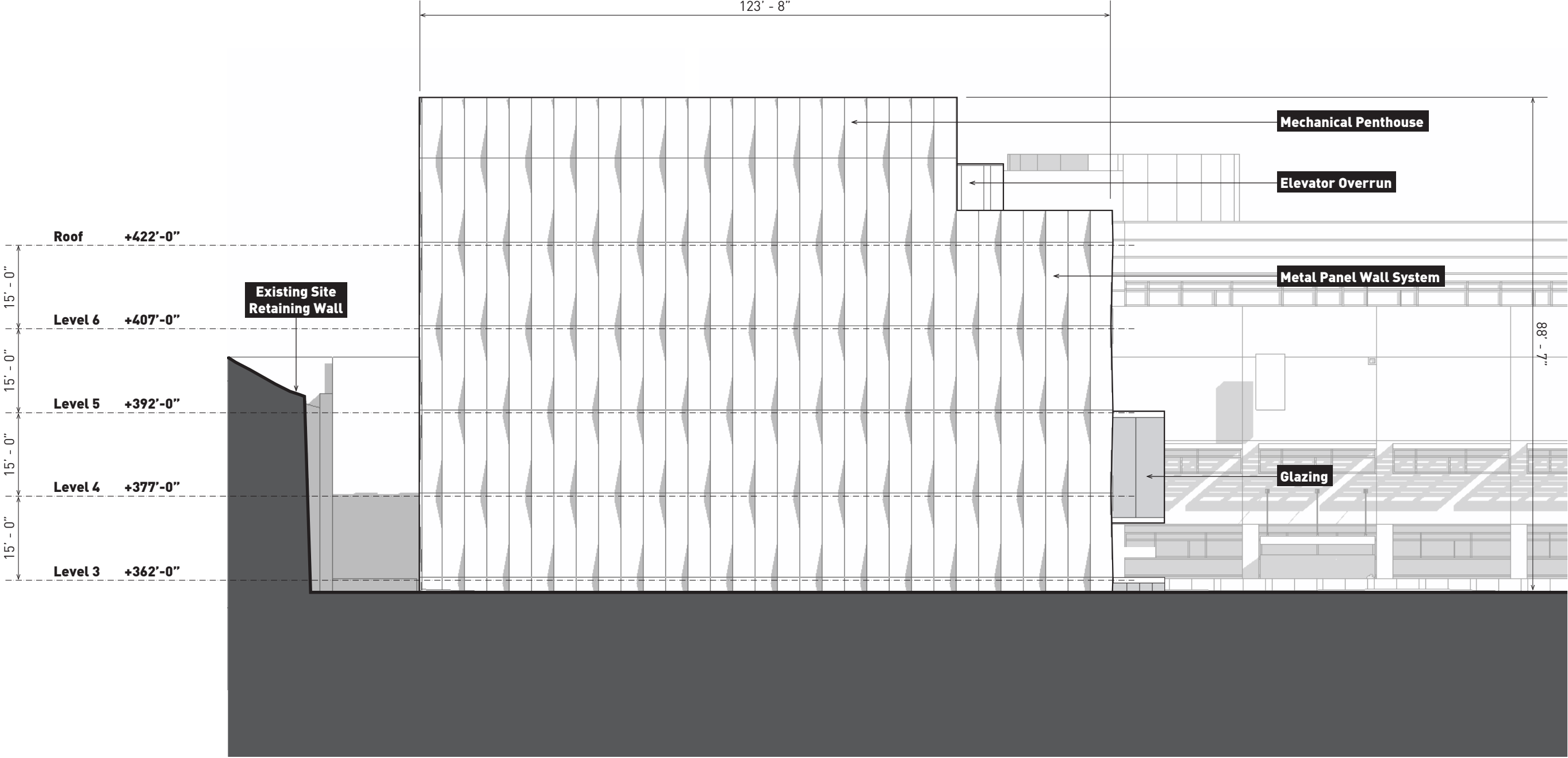
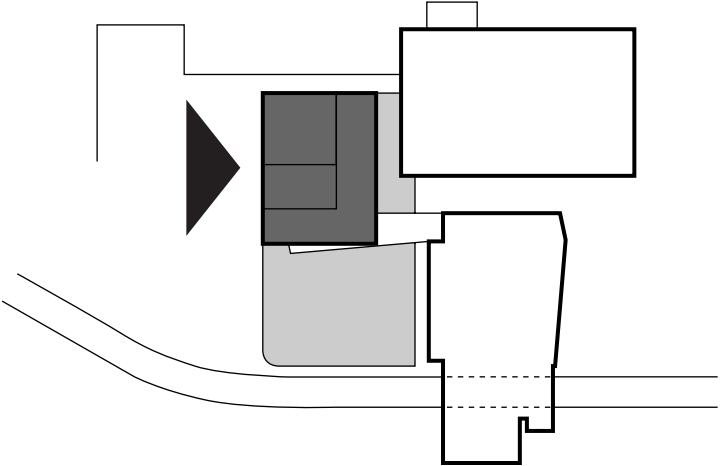


Building Elevation - North

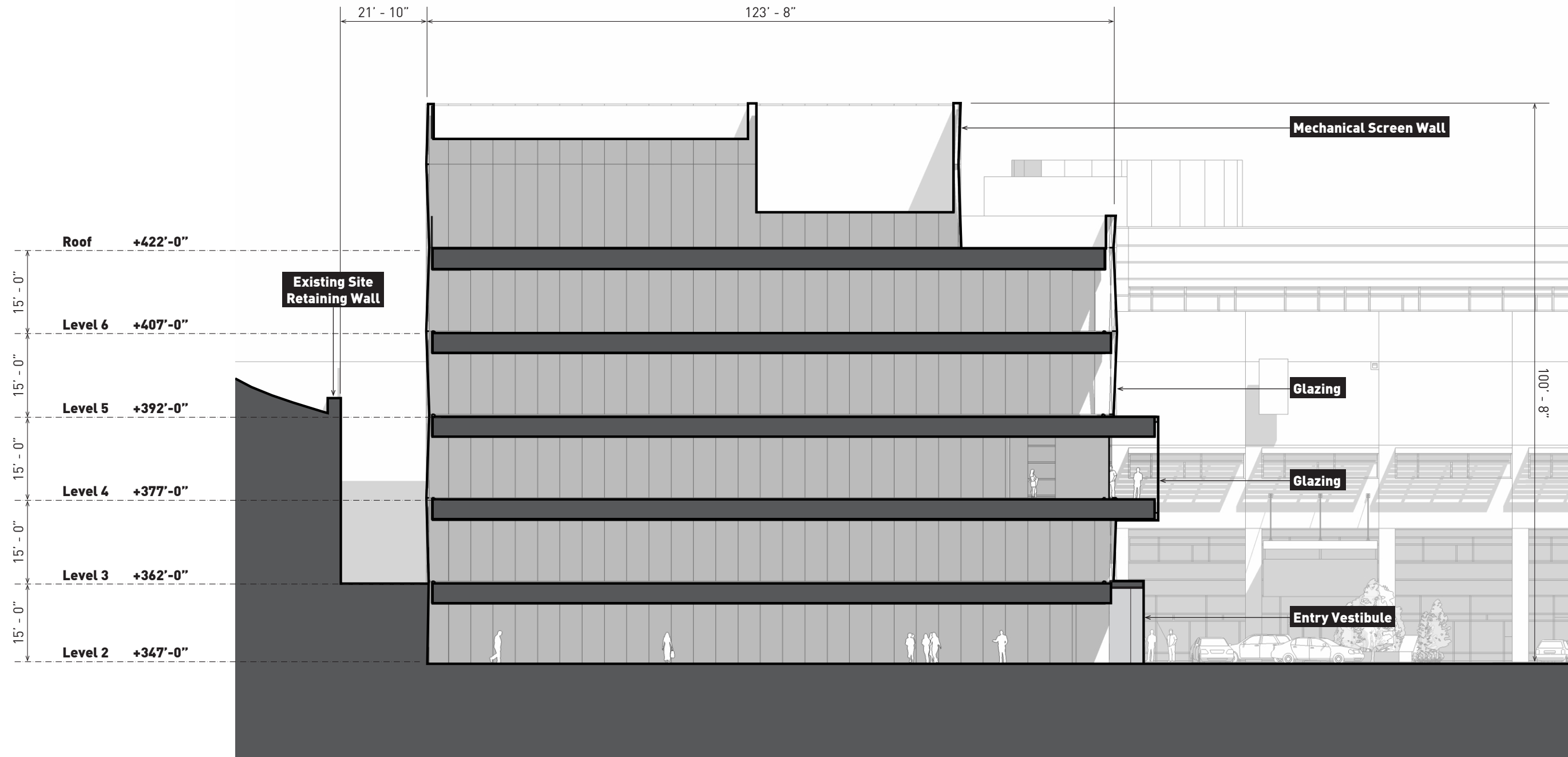
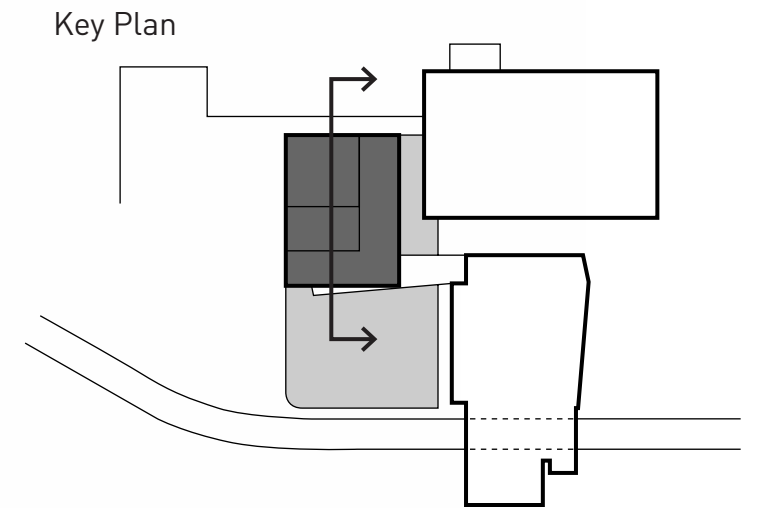


Building Elevation - West

Key Plan

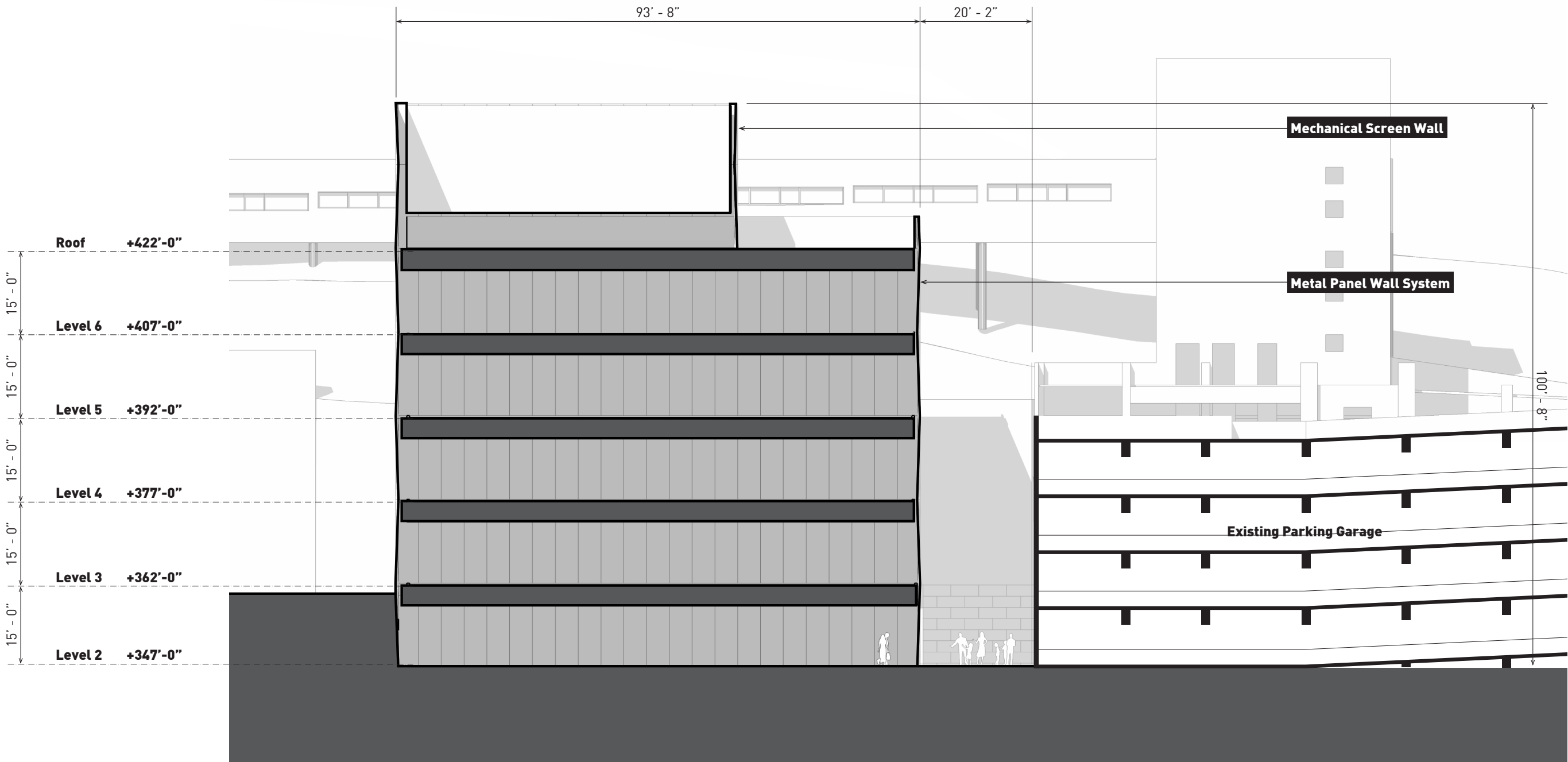


Building Section - West

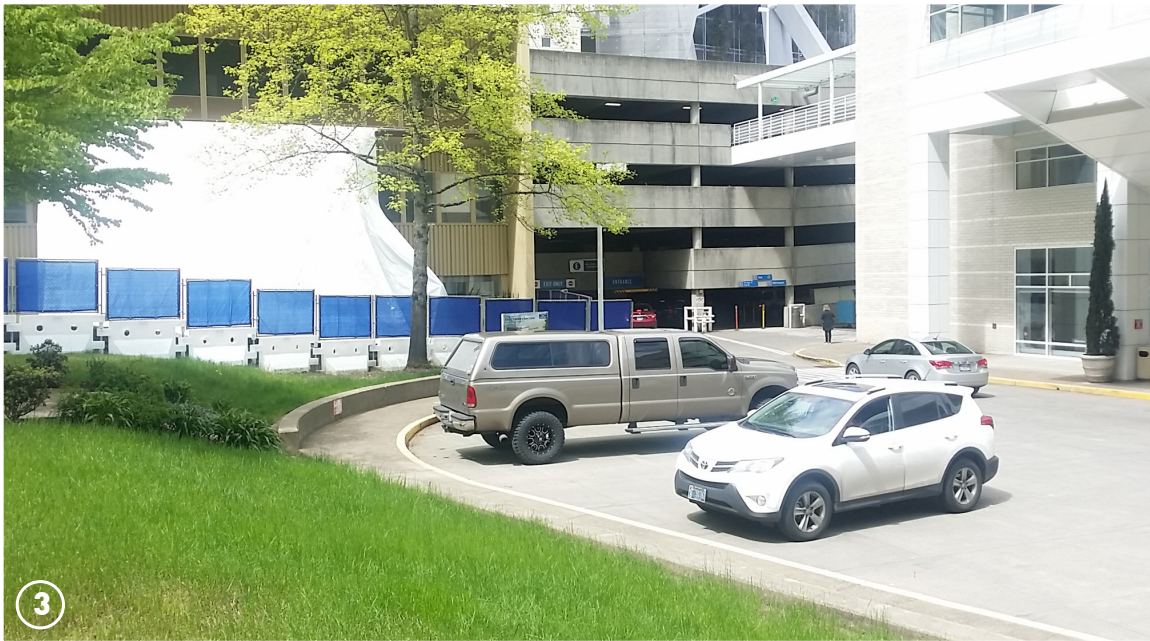
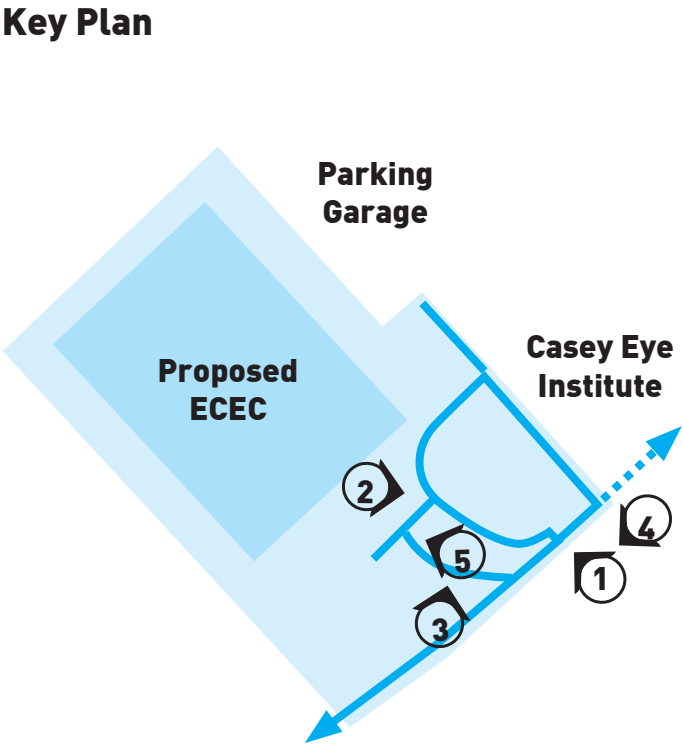


Building Section - South

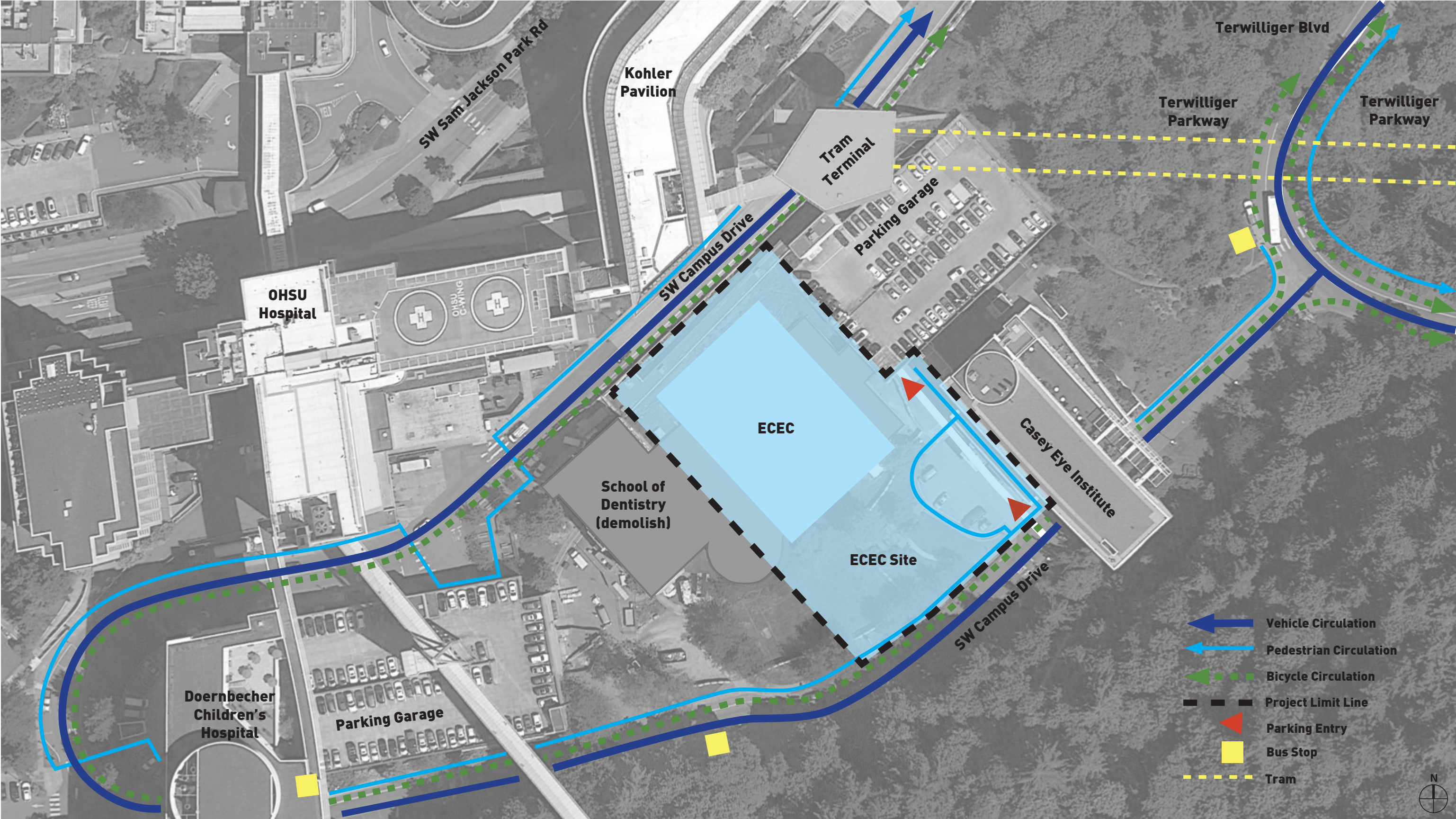
Key Plan



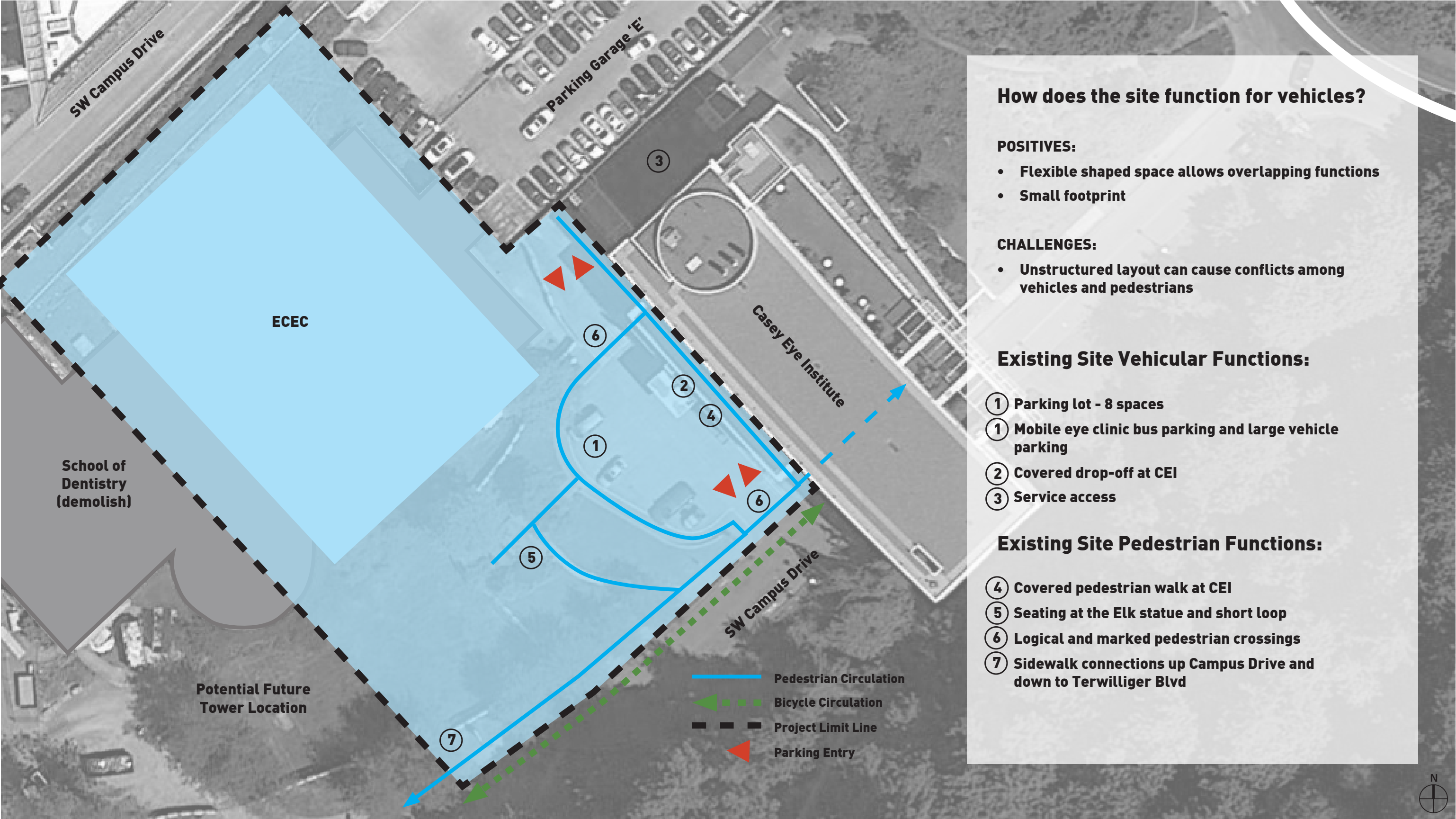
Landscape Analysis - Existing Site



Landscape Analysis - Vicinity Circulation



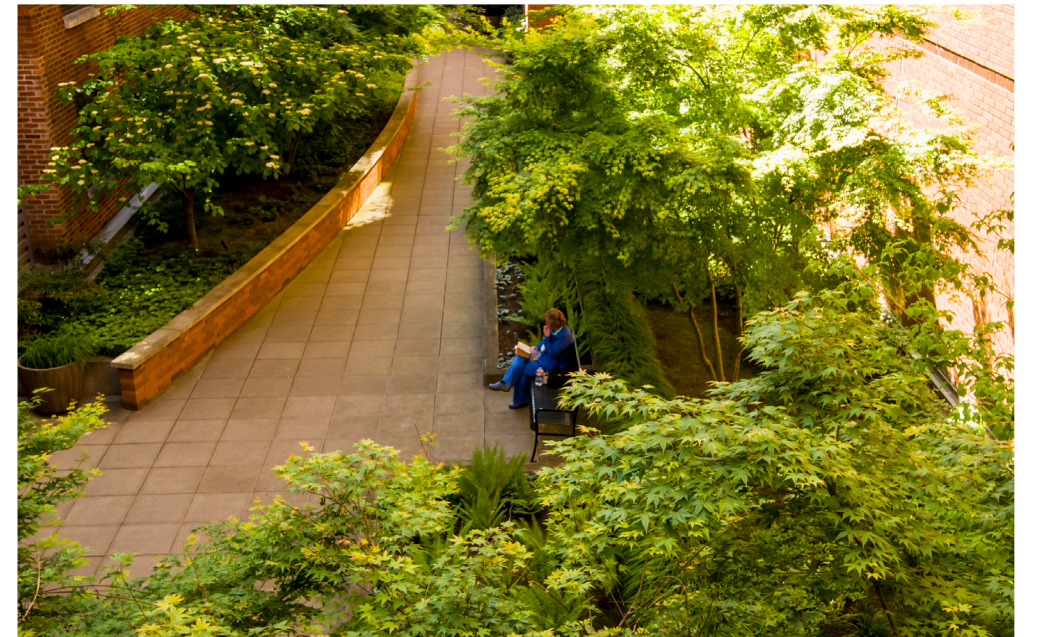
Landscape Analysis - Existing Site Circulation



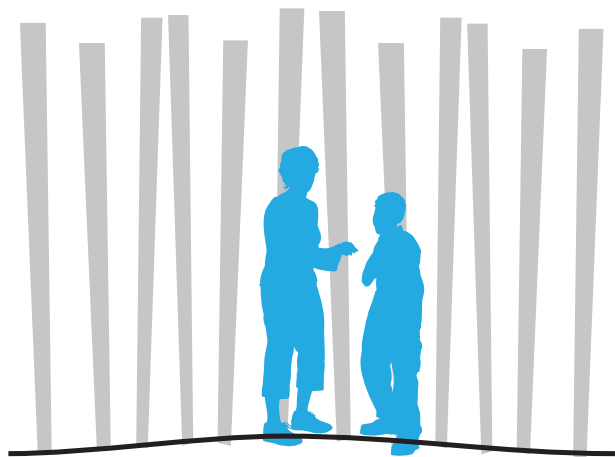
Site Programming - Patients + Families

DESIGN GOALS

- Ensure safety, clear pedestrian circulation and universal accessibility
- Design efficient vehicular drop-off area, parking and circulation
- Provide a welcoming environment for patients and their families
- Support patient recovery and therapy
- Provide exterior cafe seating
- Use the natural world to inspire learning and independent exploration of the site
- Provide a subdued multi-sensory garden experience
 - Sight, hearing, taste, smell, touch
 - Vestibular (balance and orientation)
 - Proprioceptive and Kinesthetic (understanding of where one's body is in space)



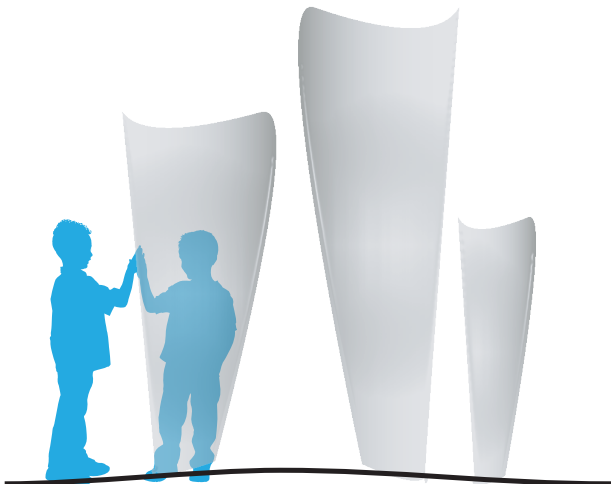
Site Programming - Possible Sensory Element Options



Sound Tubes



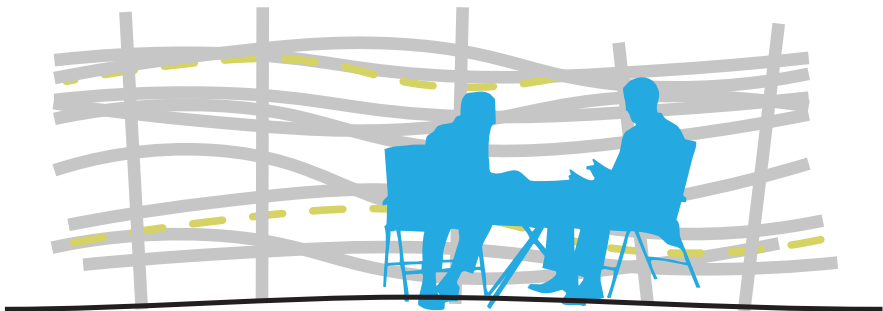
Field of Vision



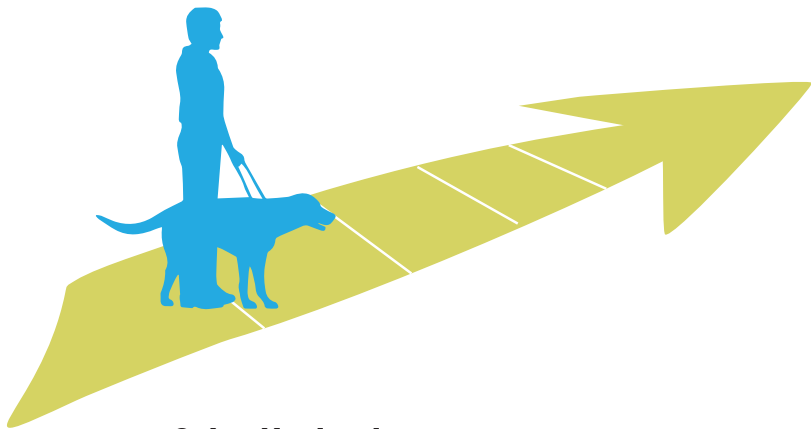
Reflective/Perspective



Transparency



Tactile wall



Color Navigation



Tactile Navigation - Feet



Tactile Navigation - Hands

DESIGN GOALS

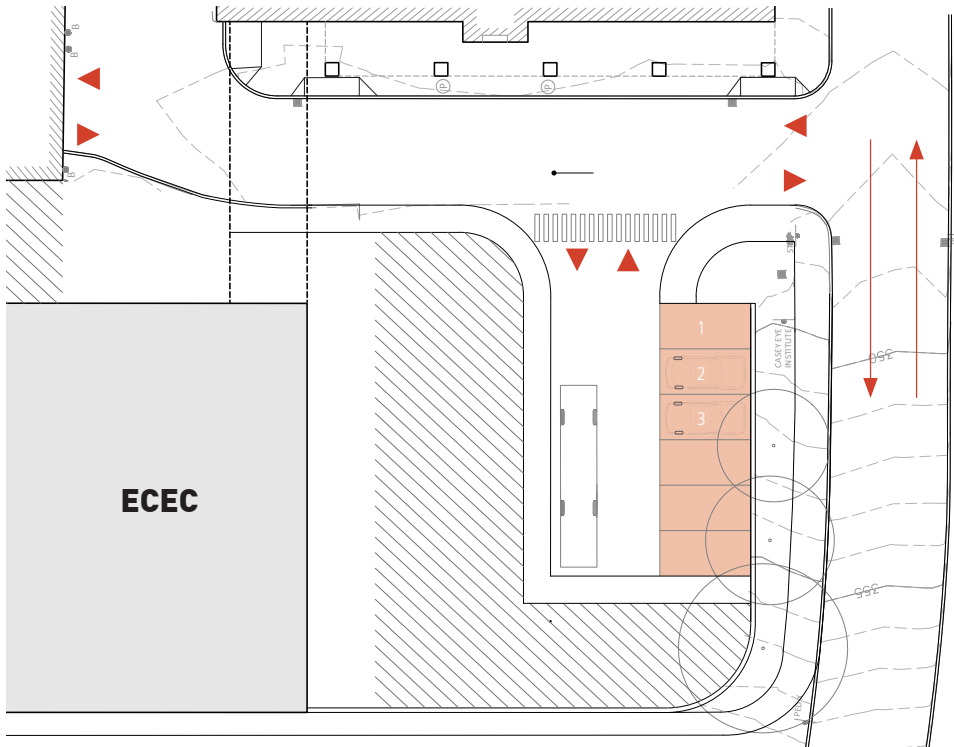
- Provide quiet seating areas for staff separate from patients and their families
- Provide exterior cafe seating
- Provide a variety of seating that can be arranged for maximum comfort
- Provide bike parking
- Connect staff to campus pedestrian networks



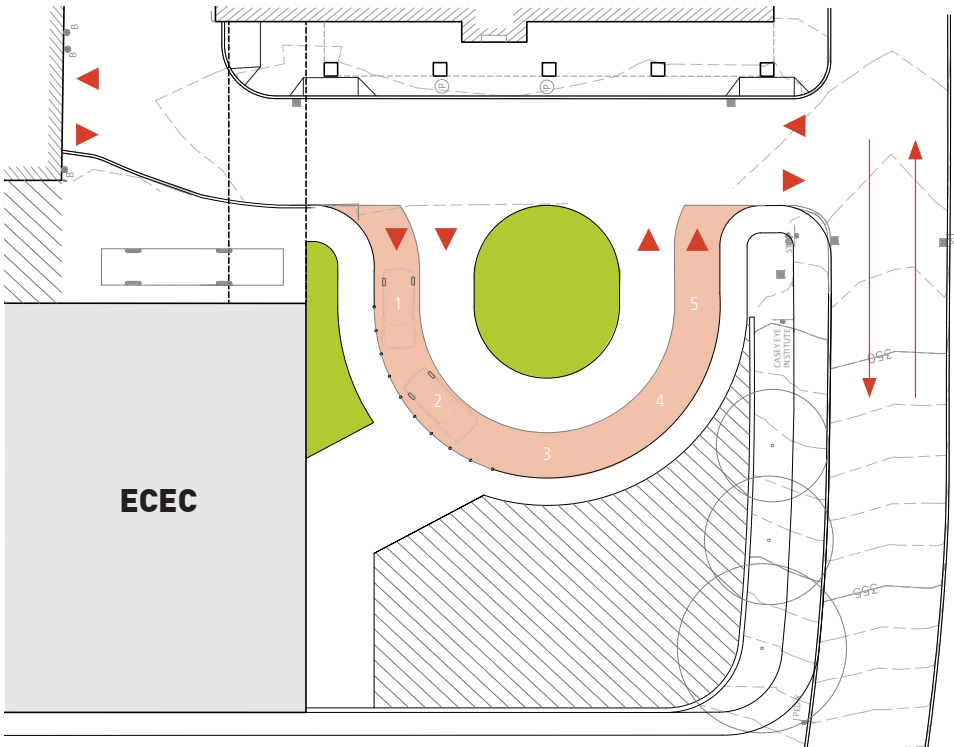
CONCLUSIONS

- Design for frequent vehicular uses
- Prioritize quality of experience over occasional uses
- The majority of vehicles will access ECEC and CEI via the 4th floor parking deck within the parking garage
- Provide 6-8 drop-off stalls, including a dedicated drop-off at existing Casey Eye Institute
- No pull-in parking necessary
- Accommodate large vehicle parking/maneuvering and the mobile eye clinic

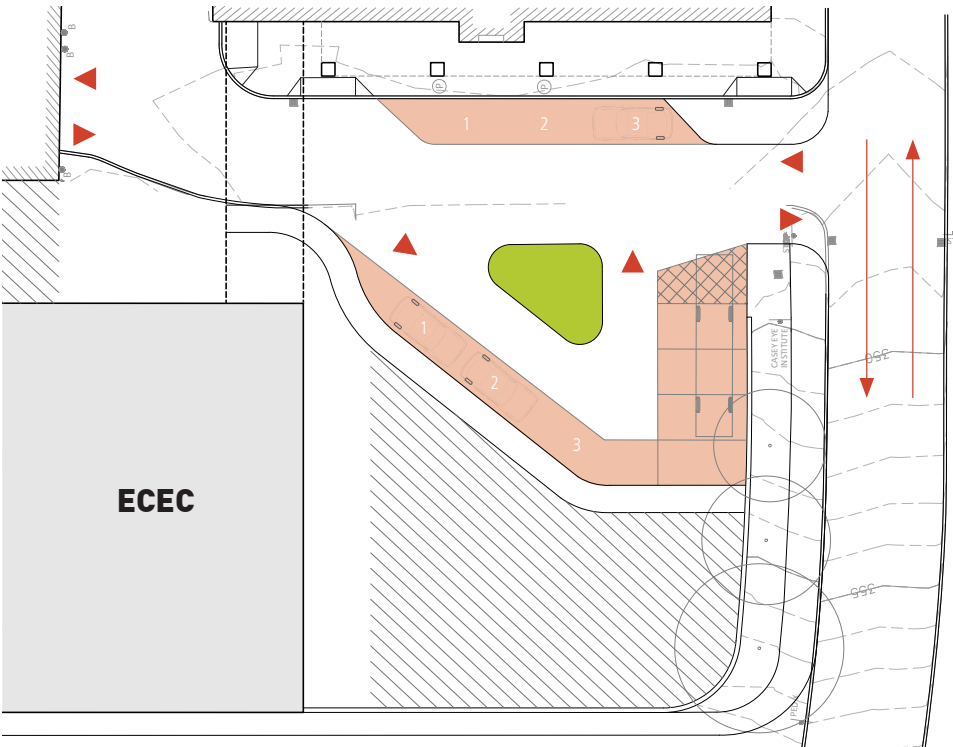
OPTION 1: Pull-in Parking



OPTION 2: Drop-Off



OPTION 3: Drop-off + Pull-in Parking



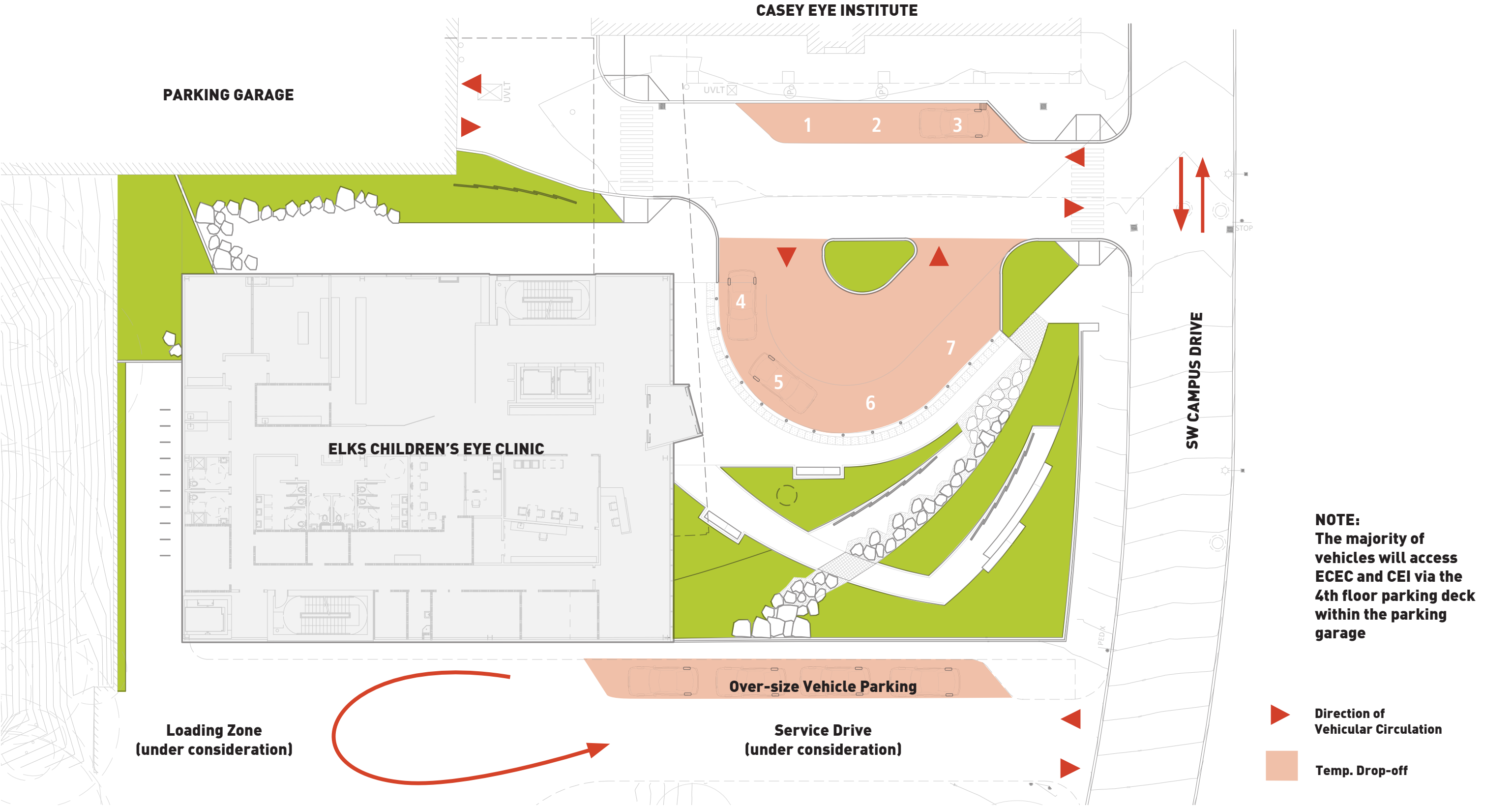
Site Programming - Diagram



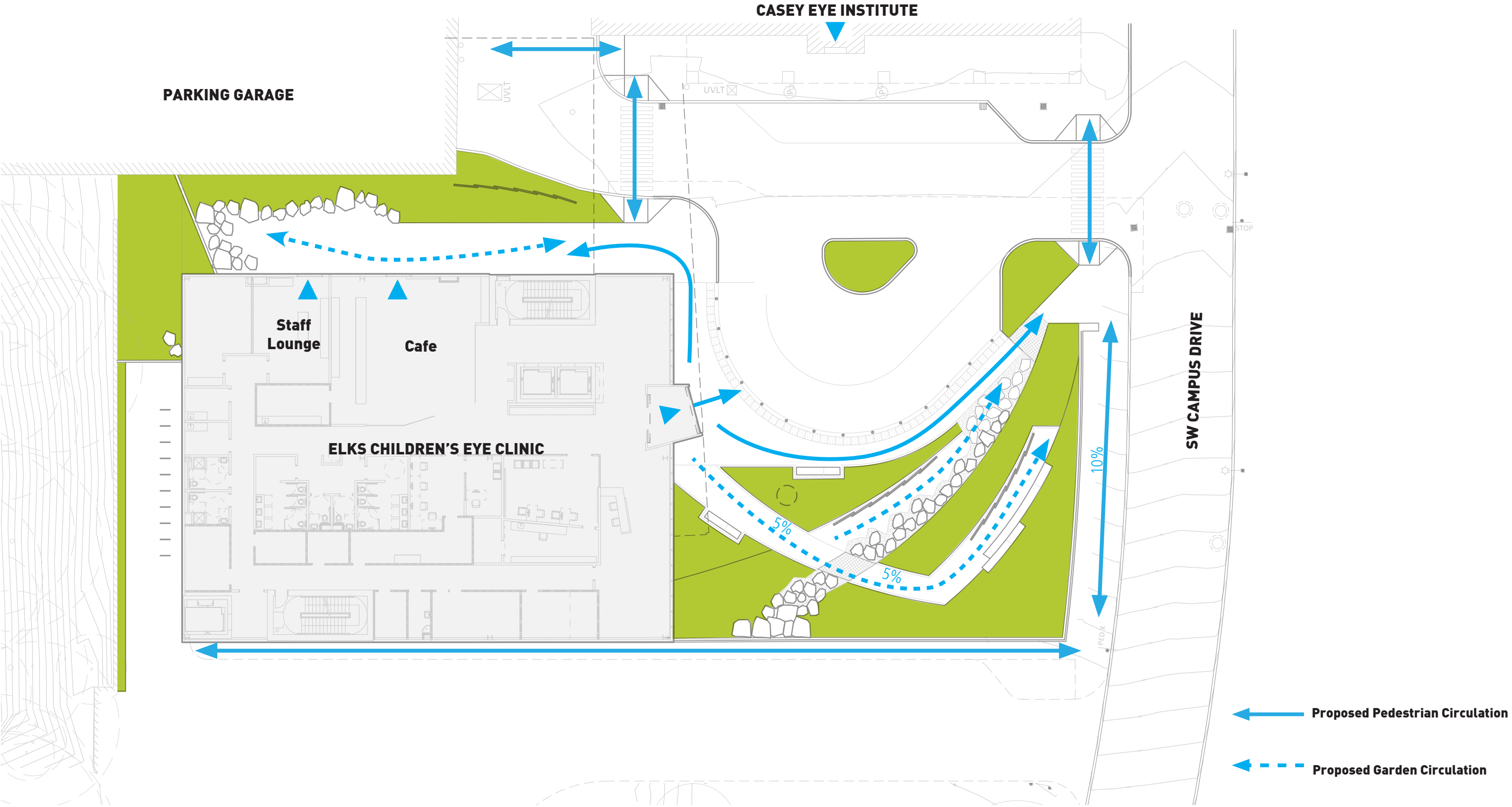
Landscape Design - The Canyon - Option 1



Landscape Design - Vehicular Circulation - The Canyon



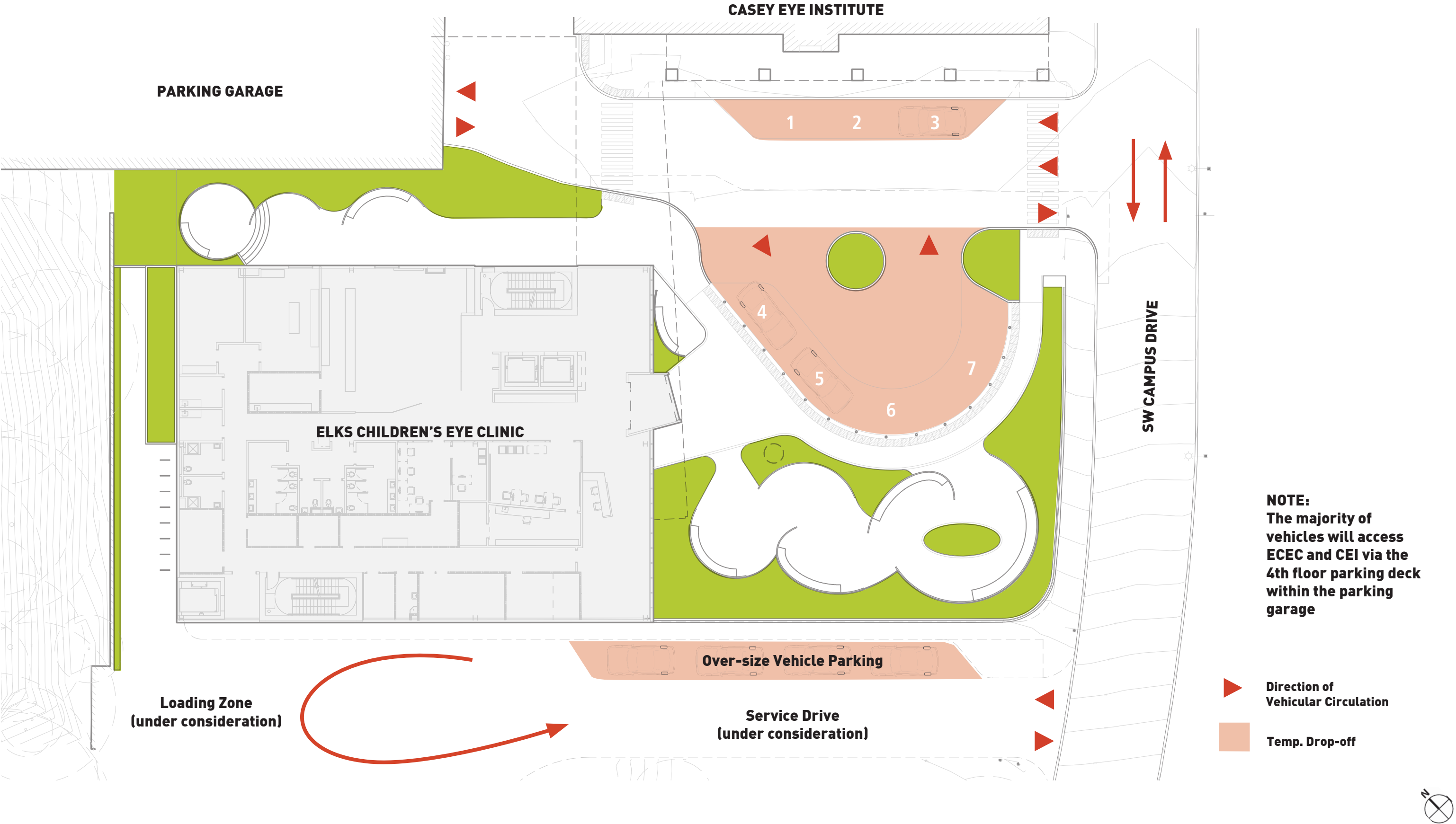
Landscape Design - Pedestrian Circulation - The Canyon



Landscape Design - The Nest - Option 2



Landscape Design - Vehicular Circulation - The Nest



Landscape Design - Pedestrian Circulation - The Nest

