

EN012.01

Project Total Square Footage:
31,000 sq ft

Cost per Square Foot:
\$280/ sq ft

Construction Cost:
\$8.7 million

Date of Substantial Completion:
07.28.16

Location of Project:
Pensacola, FL

Type:
New Work

Placed in the Warehouse District of a historic urban downtown area, the new headquarters and robotics lab building embodies both familiar and new imagery. Traditional materials, such as brick, concrete, glass, and steel was used to form an industrial frame, like Pensacola’s waterfront warehouse structures. Large interior spaces, some two stories high, are expressed within the fenestration and the brick arcade. The roof top terrace is shaded by a large canopy that connects to grade by a series of tall columns protecting the three story glass lobby, exhibit gallery, and board room.

The expression is one of new and old, as if the brick warehouse was renovated and adapted to a new use. Research and invention is the product of this place and a sense of discovery, wonder, and faith in science and creativity is displayed in its architecture.

EN012.02

New Research Lab and Office Headquarters
for an institutional non-profit company
focused on making technology improve the
human condition.



EN012.03

Gateway Redevelopment District

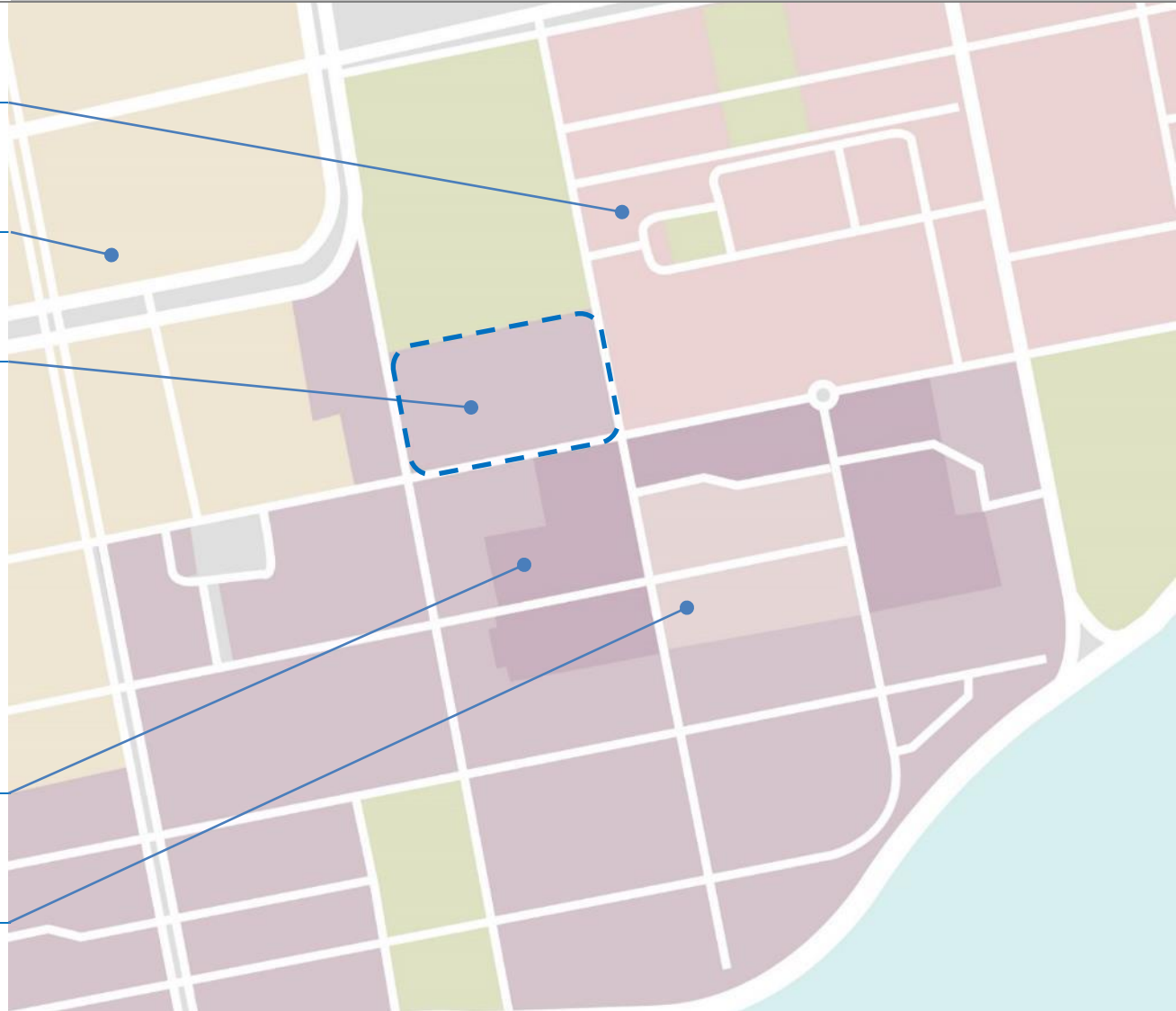
Downtown Retail Commercial

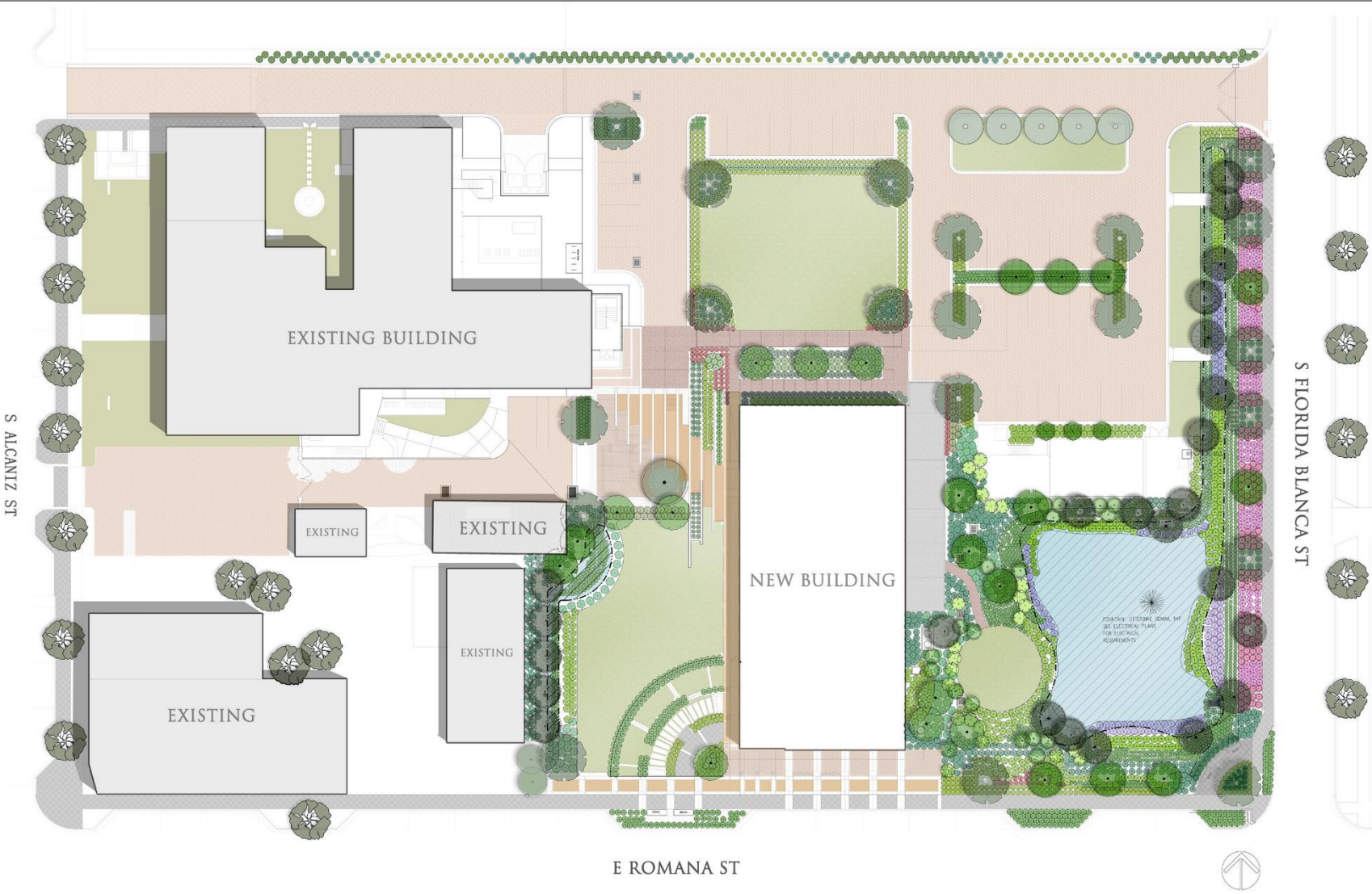
New Research Lab and Office Headquarters

A pre-civil war cemetery is located to the north and a traditional urban neighborhood is located to the east. The south and west neighborhood is a national designated historic district. An archaeological analysis was conducted to assist in the final location of the building and site improvements to avoid important remnants of early settlements.

Historical Multi-Family and Office

Historical One and Two Family Residential



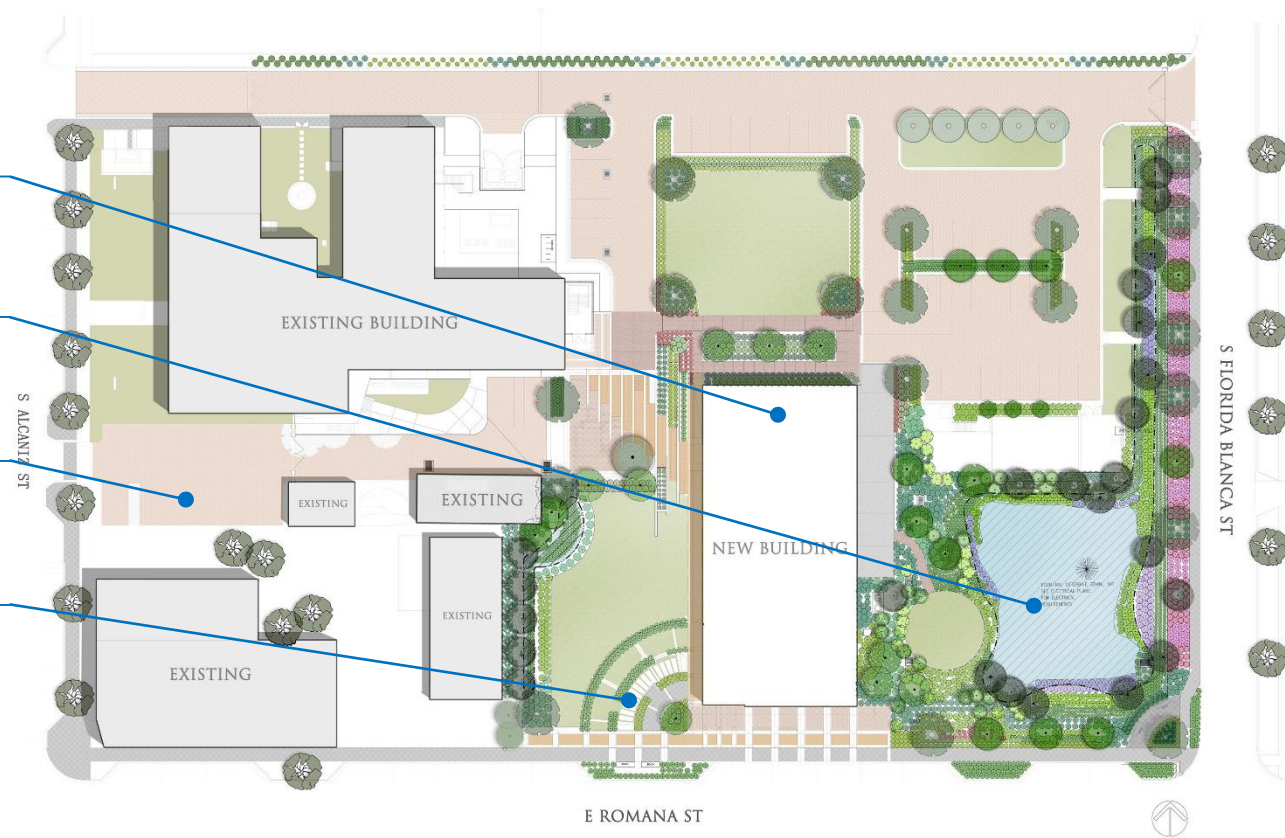


New Research Lab and Office Headquarters

Retention Pond with Fountain

Pervious Pavement

Stepped Landscaping



EN012.06

Located on the edge of the historic district in Pensacola, the design is reminiscent of the waterfront warehouse structures from the Industrial Revolution. Large masonry arcades filter the predominately glass facades from the harsh sun.



EN012.07

Granite pavers and stepped grassed platforms are used to gradually blend the 5 ft 8 in elevation difference between the street level and the ground floor, a necessary step to avoid flooding that has occurred in the area.

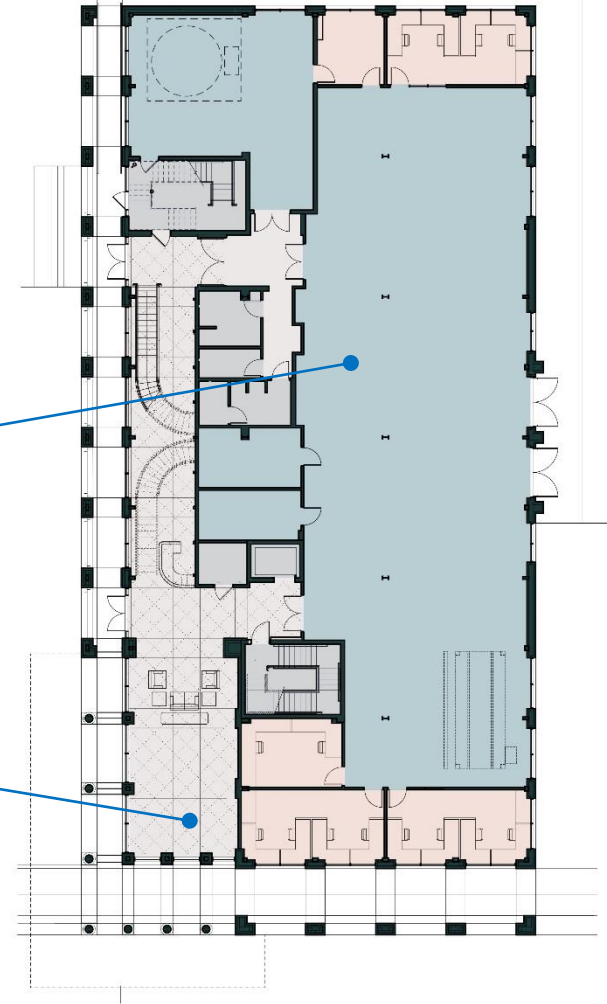
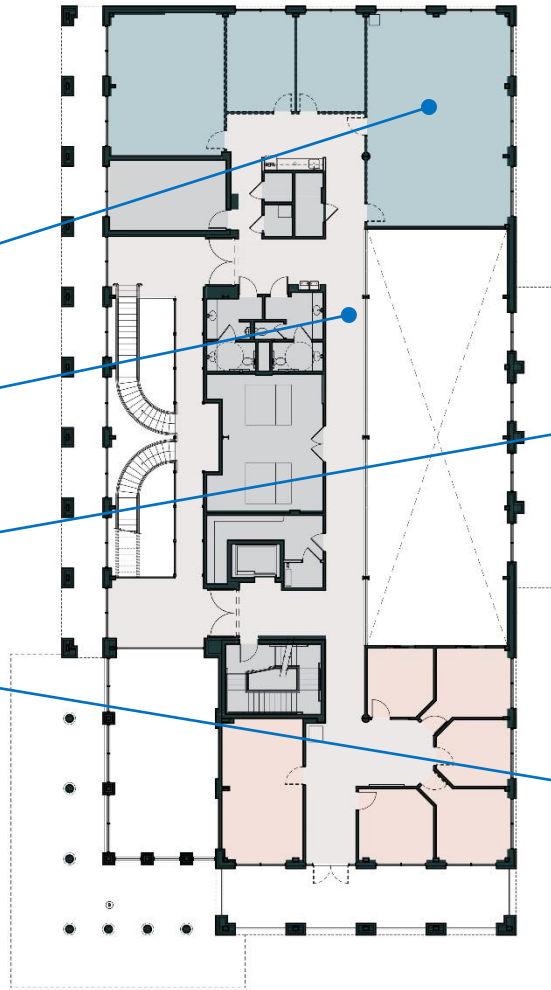


Blue Sky Room

Observation Corridor

Robotics Lab

Grand Lobby



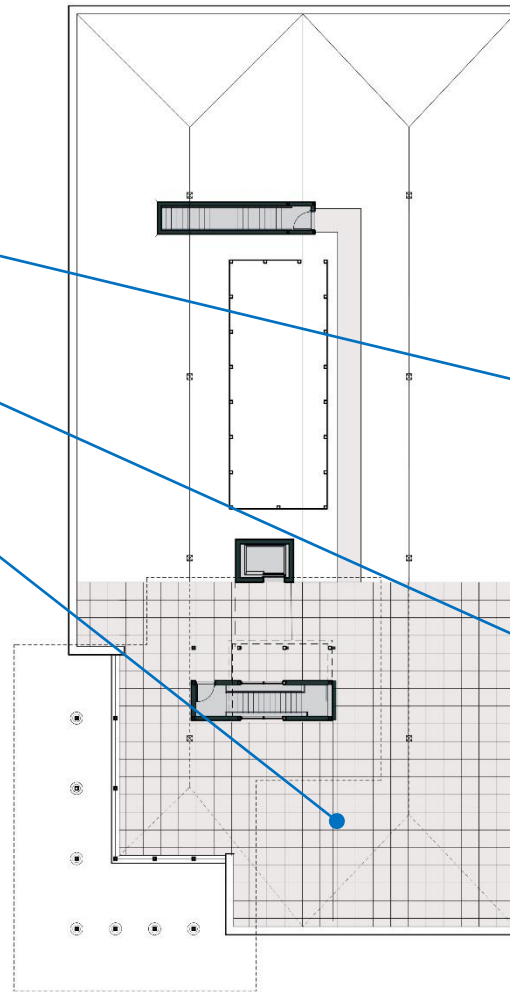
Second Top Plan

Ground Floor Plan

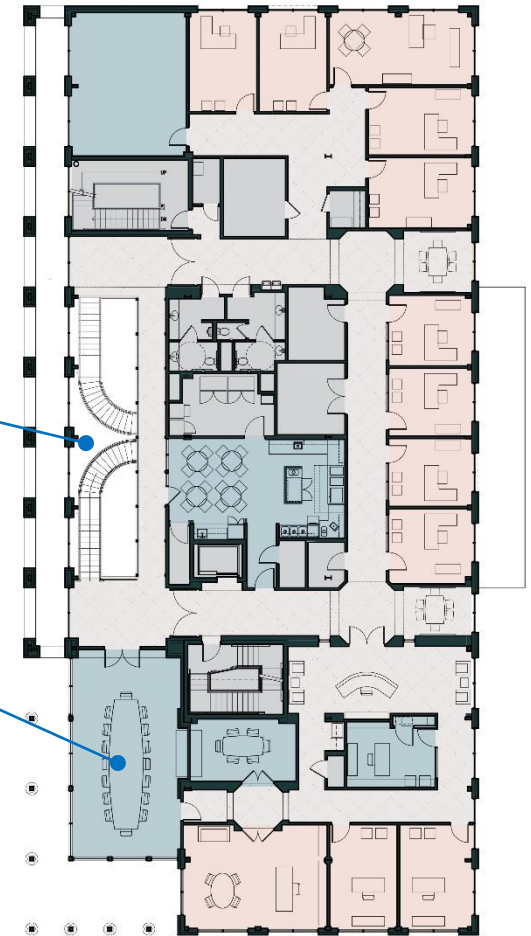
Monumental Stair

Executive Board Room

Rooftop Plaza



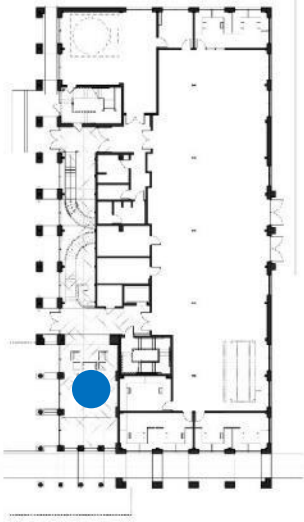
Roof Top Plan



Third Floor Plan

EN012.10

The main lobby demonstrates the multi-uses possible including educational displays and public accommodation.



Lobby ■ Ground Floor



EN012.11

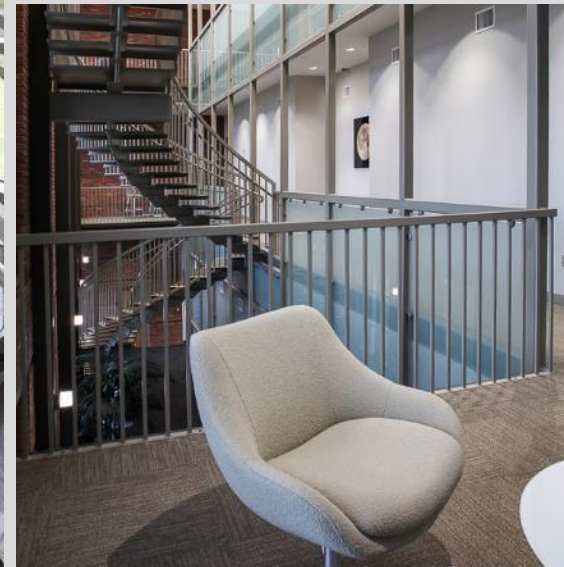
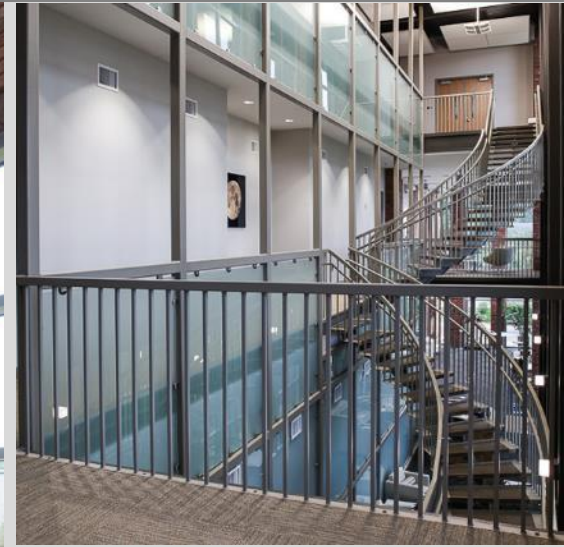


Lobby ■ Ground Floor



EN012.12

Similar to the mechanics of the robotics within the building, the curved stair's steel treads appear to pivot along a central spine mimicking the movement of the vertebrae.



Monumental Stair ■ Ground Floor

EN012.13

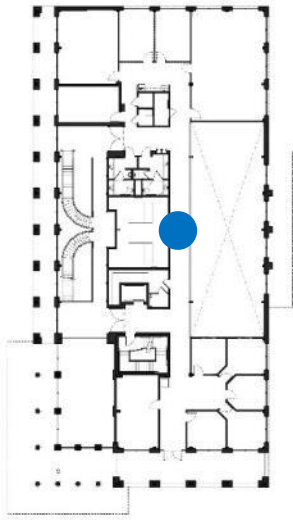
Inspired by the historic warehouse district, this two-story research laboratory space with exposed brick is flooded with natural light. Robots are secured with a flexible hoist system. Natural day lighting is prevalent in the entire building.



Robotics Lab ■ Ground Floor

EN012.14

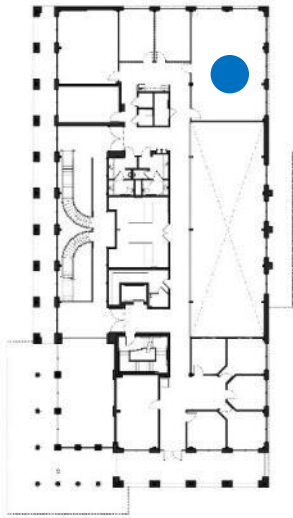
A glass wall creates an observation space for visitors and colleagues to watch demonstrations in the robotics lab below



Observation Corridor ■ Second Floor

EN012.15

The Blue Sky Room features modular wall panels with embedded flat-screen monitors which will allow new wiring and other infrastructure to be easily installed as technologies change, effectively future-proofing the building



Blue Sky Room • Second Floor

EN012.16

The executive board room provides panoramic views of the city.



Executive Board Room ■ Third Floor

EN012.17



EN012.18

