



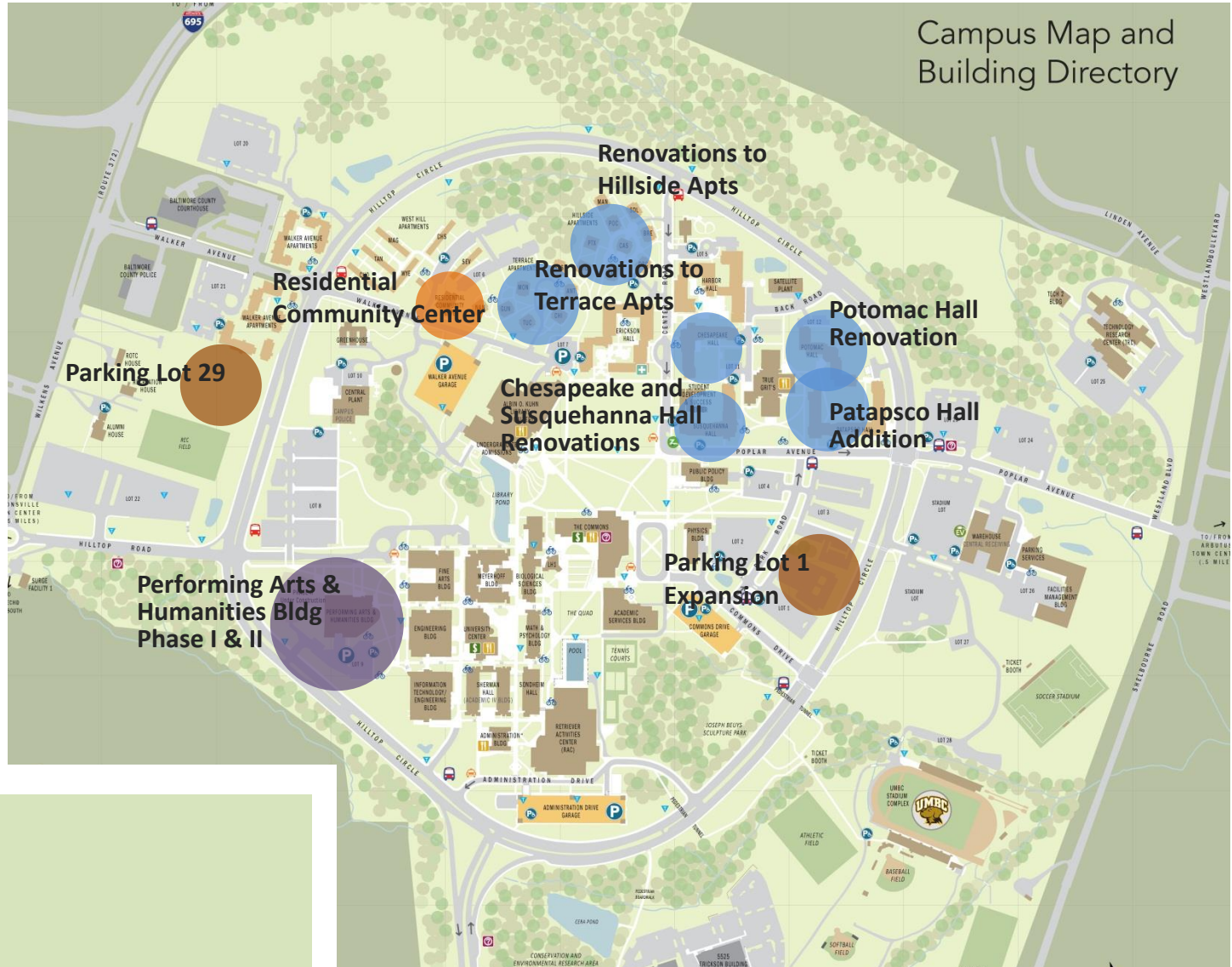
December 1, 2015

Campus Master Plan

Projects identified to address some of our campus space needs



Projects Completed in Last Five Years





Campus Entrance

Traffic Safety and Circulation Improvement Project



Campus Entrance

Traffic Safety and Circulation Improvement Project

Construction Completion

October 2015

This project addresses traffic and safety issues at the intersection of Hilltop Circle and UMBC Boulevard, by:

- improving the existing **intersection**
- enhancing the **front door** of the campus
- simplifying **visitor access** to the Administration Drive Garage
- improving the **pedestrian experience** upon entering the campus
- improving **traffic flow** on UMBC Boulevard

Campus Entrance

Traffic Safety and Circulation Improvement Project



Campus Entrance

Traffic Safety and Circulation Improvement Project



Stormwater Retention Facility



Stormwater Retention Facility

The Library Pond is a stormwater management facility that stores and treats rain water from all uphill areas of the west side of the campus. It is **being restored as part of the Performing Arts and Humanities Building** project.

The project will concentrate on improving:

- **capacity** of the facility through pond dredging
- **water treatment** through restored natural filtration and oxygenation
- **removing invasive species** while enhancing the stream buffer
- the perimeter planting and seating to create a more **natural setting**
- **accessible path** from the Walker Avenue Garage
(with support from the Access Maryland Program)

Stormwater Retention Facility

Completion
Late Fall 2015

- 1** Restore the collapsing concrete weir and bulkhead
- 2** Accessible pathways to the Walker Avenue Garage
- 3** Restore stream, inlet and water quality of pond
- 4** New plantings and sitting areas



UMBC Update of Planning Projects



Stormwater Retention Facility



Fine Arts Building Renovation

With the PAHB completed approximately 43,450 NASF of space became available in the building.

Renovations of the aging building systems are required to allow these spaces to be utilized.

The project has multiple phases, allowing areas of the building to remain occupied throughout construction.

Fully Occupied
Spring 2016



Fine Arts Bldg Renovation

- **Africana Studies**
- American Studies
- **Asian Studies**
- Center for Art Design & Visual Culture
- Dance (room 317 and support spaces only)
- **Dean of the College of Arts, Humanities, and Social Sciences**
- **Future Art Research Center**
- **Gender + Women's Studies**
- **Global Studies**
- **History**
- Interdisciplinary Studies
- **Judaic Studies**
- **Media and Communication Studies**
- **Modern Languages, Linguistics & Intercultural Communication**
- **Religious Studies**
- Theatre (room 318 only)
- Visual Arts
- **Student Life gains use of Recital Hall**

Building Occupants

Those in **color** are new to the building

Fine Arts Building Phase 2 Renovations Underway



Construction Progress



11/04/2015

Fine Arts Building Phase 2 Renovations Underway



Completion of the south wing of the Third Floor

Renovations to Residence Halls

West Hill Apartments

Full renovation of buildings, to include:

- new stair enclosures, siding, windows, entries
- improved bathrooms and interior room finishes
- upgraded electrical, mechanical systems and internet service

Project includes new exterior community spaces for recreation.

Construction

Fall of 2014 – Summer of 2016



Renovations to
Apartment Communities
West Hill Apartments



Renovations to
Apartment Communities
West Hill Apartments



Renovations to Preschool Center



Renovations to
Preschool Center



Renovations to Preschool Center



UMBC Event Center

December 2017



UMBC Event Center

New state-of-the-art facility to:

- provide a venue for **convocation and graduation**
- Provide a venue for **student life** events
- provide an arena for **athletic competitions** of our basketball and volleyball teams
- accommodate up to **20 outside scheduled events a year**
- improve **accessibility, service and circulation** to the Stadium Complex
- Provide **more flexibility** for student life events at the RAC

UMBC Event Center



Main Space Program Elements

- **Approximately 5,000-6,000 seat** multi-purpose event space for basketball and volleyball competitions, concerts, speaker series, convocation, graduation and career day
- a facility that can host **500 people for dinner**
- a **hospitality room** that overlooks the event space and the Stadium Complex

UMBC Event Center

View from Hilltop Circle

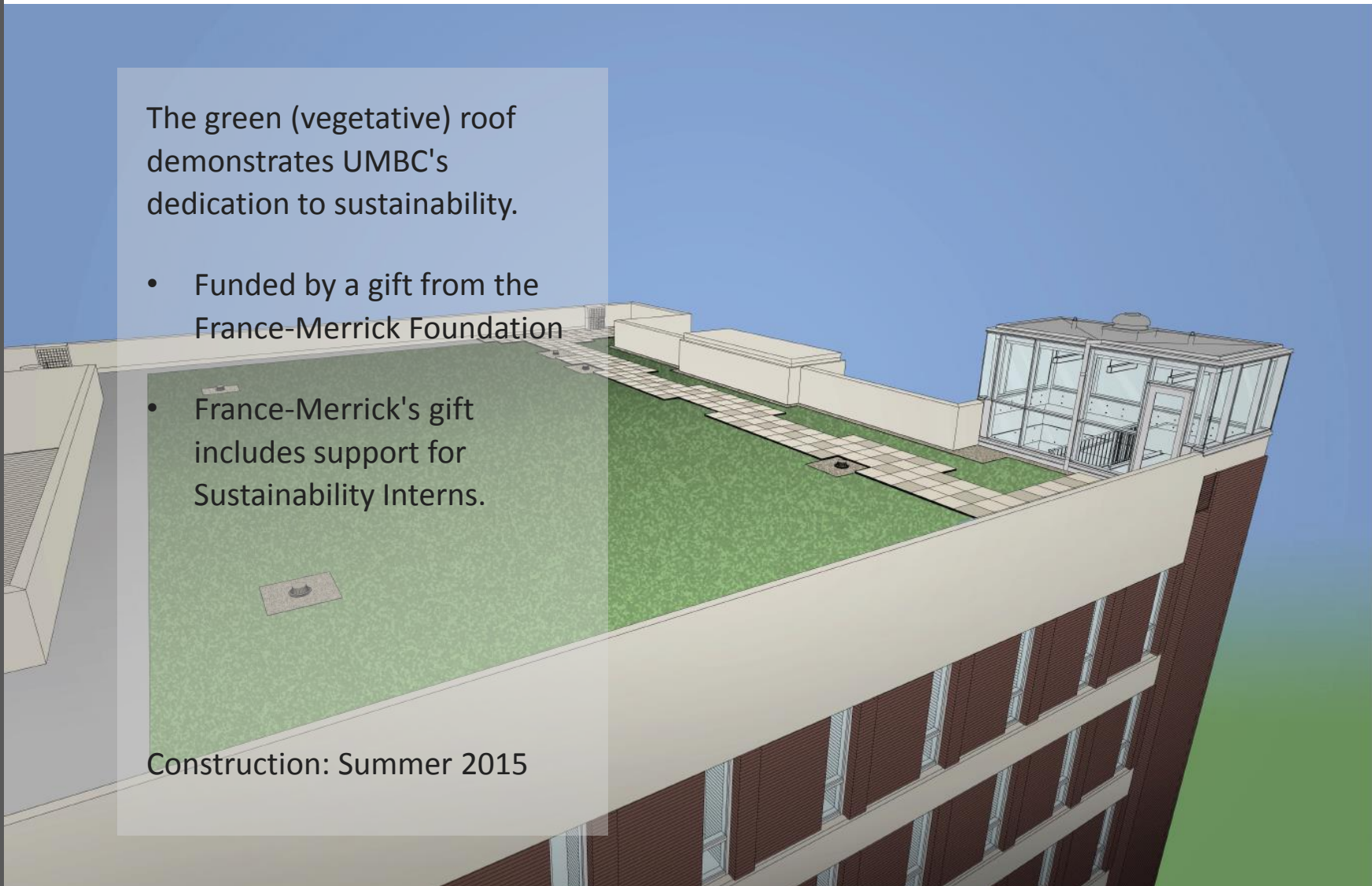


Administration Building **Green Roof**

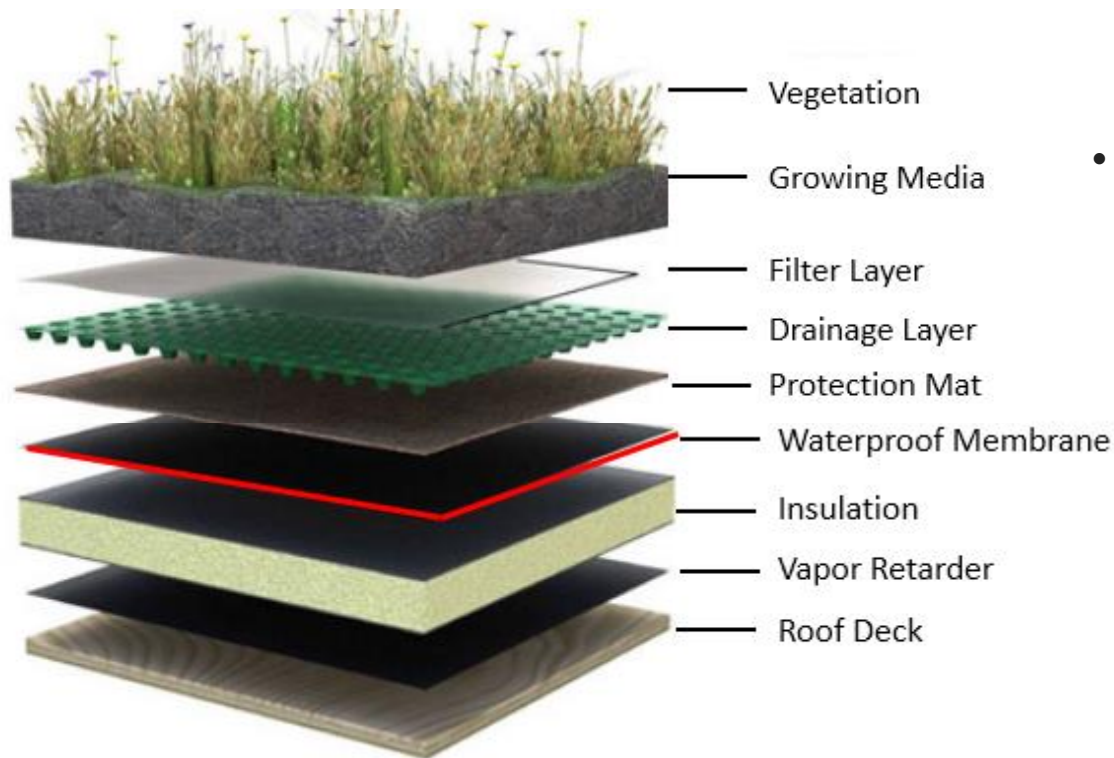
The green (vegetative) roof demonstrates UMBC's dedication to sustainability.

- Funded by a gift from the France-Merrick Foundation
- France-Merrick's gift includes support for Sustainability Interns.

Construction: Summer 2015



Administration Building **Green Roof**



- Replace existing roof with new very resilient membrane suitable for vegetative roofs
- Vegetative Roof System on top of new membrane includes low growing/low maintenance sedums and more traditional perennials

Administration Building **Green Roof**



Administration Building **Green Roof**



Interdisciplinary Life Sciences Building

Design: 2015 - 2017
Construction: 2017 - 2019



Interdisciplinary Life Sciences Building

The ILSB will help UMBC achieve these **objectives of the Strategic Framework**:

- “Encourage the development of **cross-disciplinary or interdisciplinary** clusters and programs”
- “Anticipate the University’s need for **increased space** to support its mission”
- “Strengthen existing infrastructure to support **growing research** activity”
- “Play a proactive role in the State's economic development initiatives through **sponsored research** activities, **technology transfer** and commercialization, and professional **workforce development** “

**Departments supported
by the ILSB**

Biological Sciences

Chemical, Biochemical
and Environmental
EngineeringChemistry and
BiochemistryGeography and
Environmental Systems

Mechanical Engineering

Mathematics and Statistics

Physics

Psychology



Interdisciplinary Life Sciences Building

The new **ILSB** will provide:

- **Active-learning classrooms, seminar rooms, and teaching labs** in support of UMBC's science, technology, engineering, and mathematics programs



Active-Learning Classroom

Interdisciplinary Life Sciences Building

The Interdisciplinary Life Sciences Building will support course redesign with dynamic high-technology classrooms, seminar rooms and teaching labs.

Quantity

4	90 station Active Learning Classrooms
4	48 station Active Learning Classrooms
1	Teaching Ready Room
1	Observation and Research Lab
4	32 station Teaching Labs
2	Shared Teaching Lab Prep and Storage Rooms
3	24 station Seminar Rooms
3	12 station Seminar Rooms
1	12 station GMP Lab Training Facility
6	Collaborative Project Rooms for 5 students

Interdisciplinary Life Sciences Building

The new **ILSB** will provide:

- **Flexible and adaptable laboratories** that are assigned for targeted life science research activities involving faculty from multiple departments and colleges



Interdisciplinary Life Sciences Building

Facilities Supporting Life Science-based Research

Quantity

32 **Interdisciplinary and Flexible Lab Modules**

4 **Chemical Hood Intensive Lab Modules**

Shared Research Equipment Rooms

Flexible Procedure Rooms

Environmental Systems Lab

Bioprocess and Cell Science Facility

Vivarium for rodents and avian research

procedure rooms

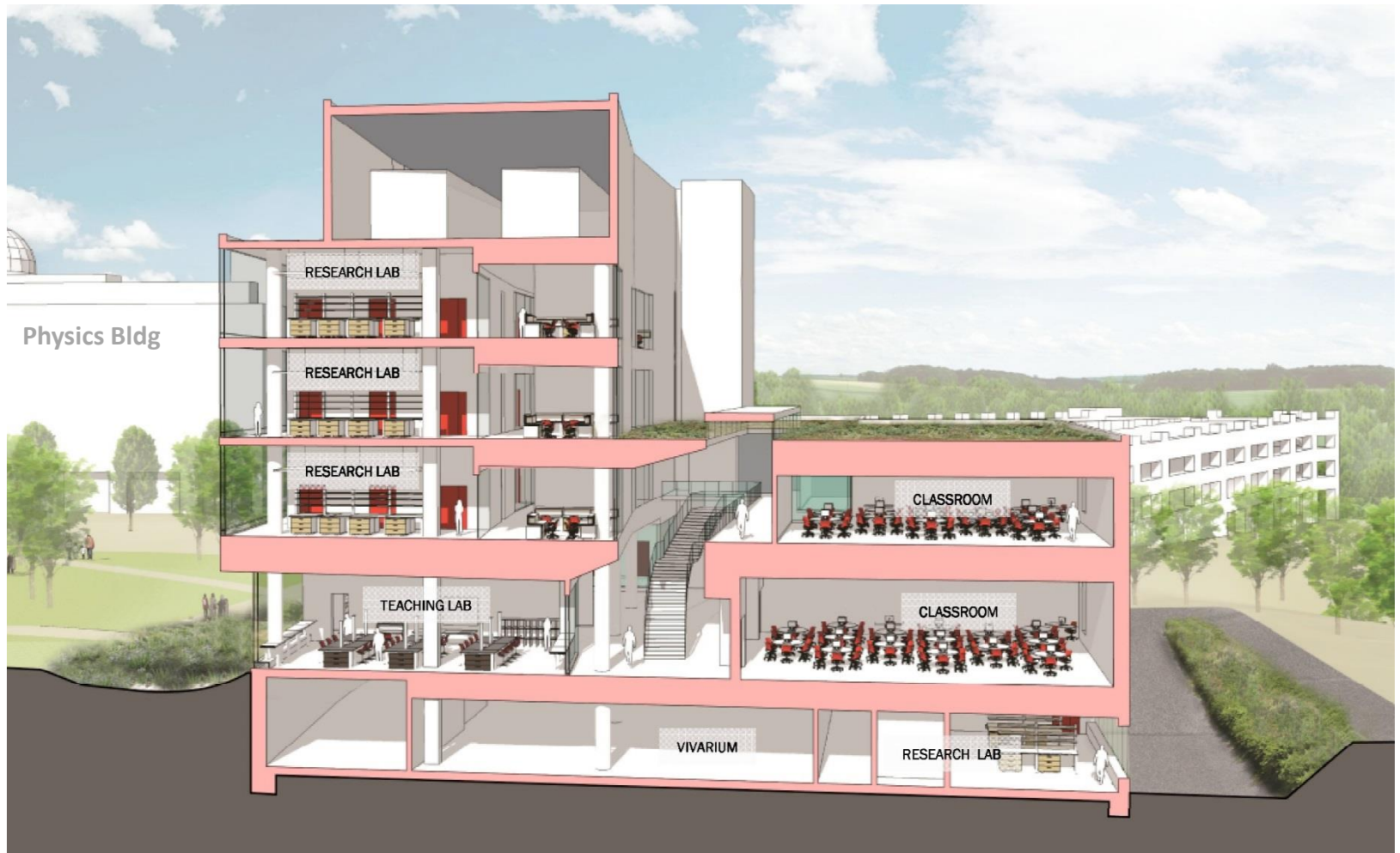
holding rooms

whole animal imaging

behavior study rooms

Interdisciplinary Life Sciences Building

Conceptual Section Cut



For more information

Project website for **Campus Entrance Project**:
www.campusentrance.umbc.edu

Project website for the **Event Center**: *In Development*

For more information on **Facilities Management** go to:
www.umbc.edu/fm and click on
Spotlights/News

For more information on the **Campus Master Plan** go to:
www.umbc.edu/campusplan