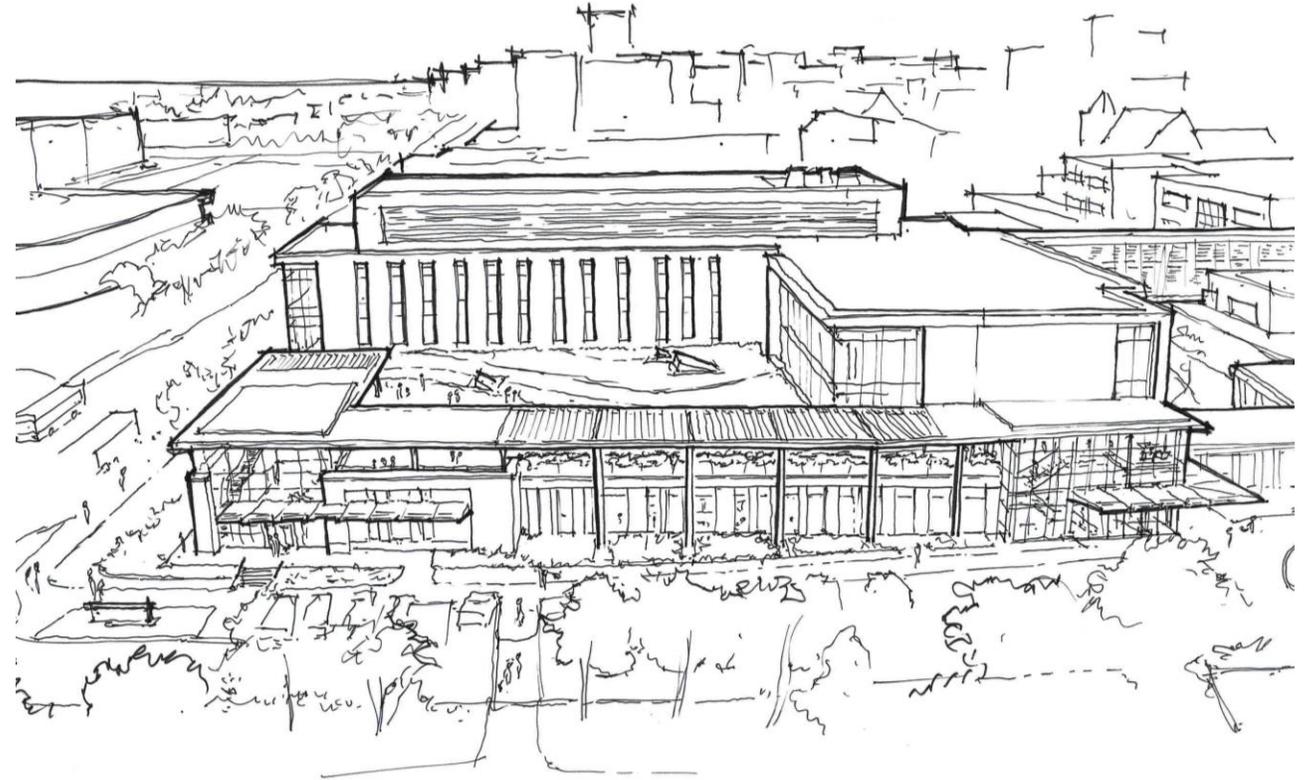




VETERINARY MEDICINE ADDITION AND RENOVATION

18H2H UW-Madison VMAR
Joint Campus Area Committee – Recommendation Meeting

February 27th, 2020



Project Goals and Overview



- Enable the future success of the University of Wisconsin(UW) School of Veterinary Medicine(SVM) through expansion of small animal clinical and research programs with a new building, and renewal of portions of the existing small and large animal hospitals.
- The University of Wisconsin School of Veterinary Medicine creates the future of veterinary medicine through unparalleled excellence in education, clinical medicine, and research that benefit animal and human health. In collaboration with the University of Wisconsin’s world-class basic science and medical community, the school gives rise to the next generation of veterinary leadership.
- Expand the SVM onto Lot 62, directly north of the existing SVM. The new building will be physically connected to the existing SVM for clinical connectivity, and will include clinical, research, and containment programs, along with the associated office and support spaces required.

Approval Schedule:

Notify Alder	October 1, 2019
Design Review Board #1	October 15, 2019
10% Concept Report Submittal	November 22, 2019
Joint Campus Area Committee	December 16, 2019
Developer Assistance Team	December 17, 2019
Design Review Board # 2	December 10, 2019
Joint Campus Area Committee	February 27, 2020
35% Submittal	April 10, 2020
Design Review Board #3	March 26, 2020
Board of Regents	April 2020
City Agency Review	September 2020
Bid	April 2021
Start Construction	June 2021
Substantial Completion	
Addition	April 2023
Renovation	July 2024

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Sustainability Directives



UW-Madison
Green Building Standards & Guidelines

ENERGY DESIGN GUIDELINE
Wisconsin Department of Administration
Division of Facilities Development (DFD)

DAYLIGHTING STANDARDS FOR STATE FACILITIES



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COTE 10 (+2) - Integrated Design Process



DESIGN FOR COMMUNITY <i>Community Focus</i>										
Site Acoustics	DESIGN FOR ECOLOGY									
Water as a Shared Resource	Climate Appropriate Landscape Rainwater Management	DESIGN FOR WATER								
Financial Resilience	Economics of Biophilia Maintenance Requirements	Water Savings	DESIGN FOR ECONOMY							
District Systems Transportation Carbon	Bioclimatic and Passive Design	Pump Savings	Commissioning Life Cycle Cost & Analysis Financing Incentives	DESIGN FOR ENERGY						
Air Quality Walkability Transportation Options	Connection to Nature Bird Friendly	Water Quality	Operating Costs vs. Healthy Living Benefits	Daylighting Thermal Comfort	DESIGN FOR WELLNESS <i>Health/Wellness Focus</i>					
Material Carbon Footprint	Locally Sourced Materials	Aquifer Conservation Watershed Protection	Structure as Surface/ Finish Durability Operational Requirements	On-Site Renewables Passive Design Features	Material Transparency Red List Materials	DESIGN FOR RESOURCES <i>Stewardship Focus</i>				
Social Equity & Inclusion	Climate Change	Water Savings Droughts & Flooding	Right Sizing Flexibility	Carbon's Role in Climate Change	Passive Function	Embodied Savings from Adaptive Reuse	DESIGN FOR CHANGE <i>Resilience Focus</i>			
User Groups & Profiles Intersectional Participation	Biodiversity	Mindful Presence of Water	Develop Cost Effective Strategies	Energy Benchmarking & Modeling	Track Health Impacts	Future Adaptability Construction Waste Diversion	Post Occupancy Evaluation Future Flexibility	DESIGN FOR DISCOVERY		
Community Impact on Learning	Connection between Nature and Learning	Opportunities to Understand Buildings Impact on Watersheds			Comfort Impact on Learning		Emergency & Disaster Readiness	Sharing Lessons Learned Signage and Training	DESIGN FOR LEARNING	
Community Impact on Research	Connection between Nature and Research	Water Reduction & Treatment Options		Load Reduction Strategies	Comfort Impact on Research		Future Climate Models			DESIGN FOR RESEARCH <i>UW-Madison Measure</i>

VETERINARY MEDICINE ADDITION AND RENOVATION
CROSSCUTTING
for Integrated Design
*Adapted from May 2019 Top Toolkit by Tate Walker, AIA

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Site Plan



Second Floor

Observatory Drive

Biotron

Willow Creek

Future Bridge



LEGEND

- ER EMERGENCY ENTRANCE
- SA SMALL ANIMAL ENTRANCE

LEGEND

- ER EMERGENCY ENTRANCE
- SA SMALL ANIMAL ENTRANCE
- LA LARGE ANIMAL ENTRANCE
- S STAFF ENTRANCE
- O ONCOLOGY ENTRANCE
- SV SERVICE ENTRANCE

RESEARCH ANIMALS
STUDENTS

PATIENTS / CLIENTS &
PUBLIC

RESEARCH ANIMALS

Parking

Linden Drive

Vivarium

Looking Southeast - Axonometric



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Looking East



context

program

architecture

Looking Southeast - Aerial



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architecture

Looking Southeast – Material Concept A



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Looking Southwest – Observatory Drive



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Clinical Entry - Looking Northeast



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Vet Med Quad – Looking East



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Vet Med Quad – Looking West

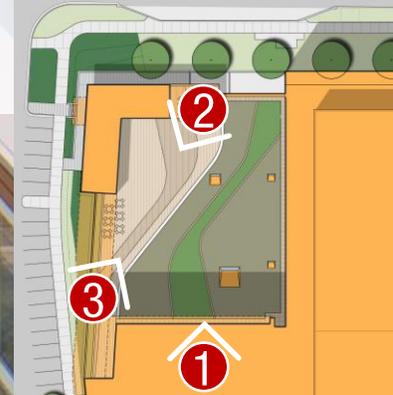
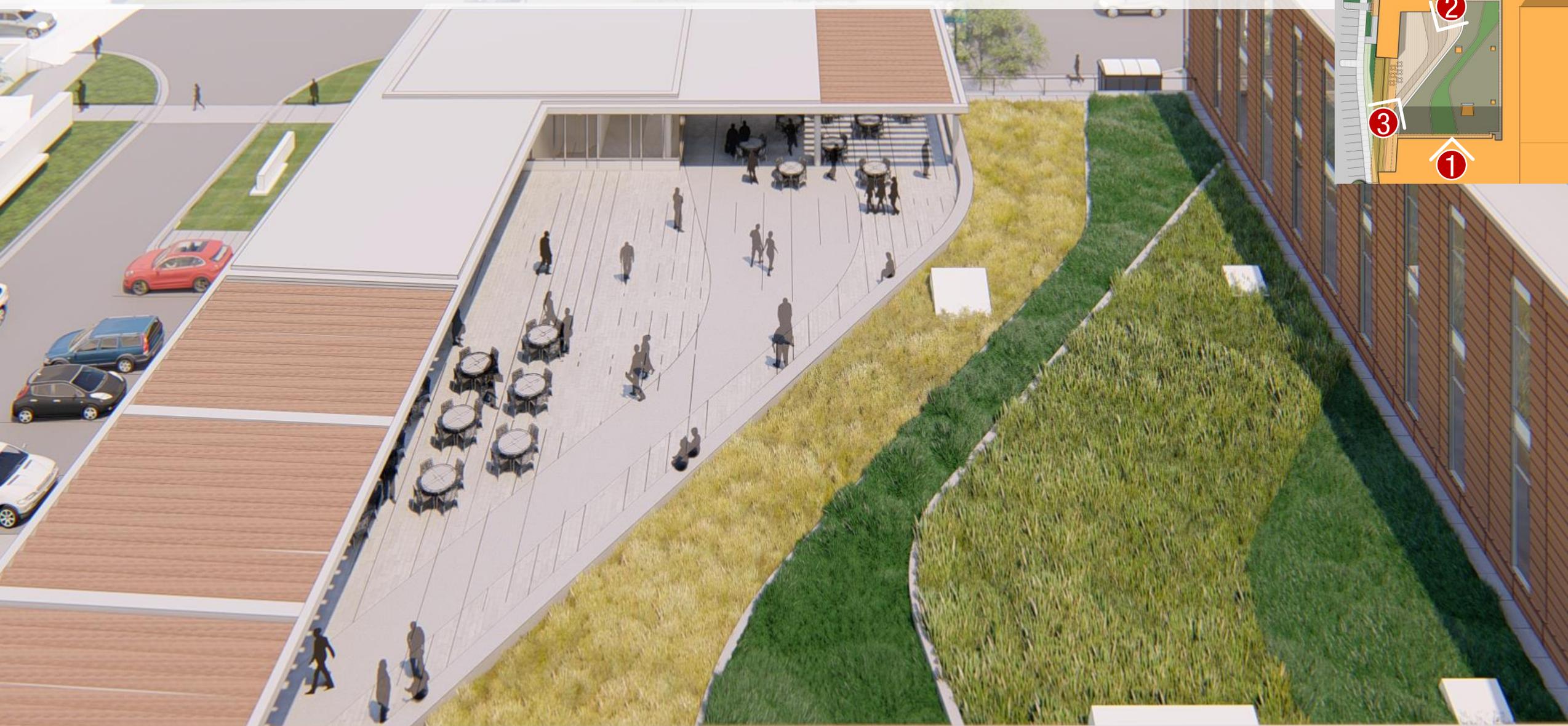


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Green Roof 1

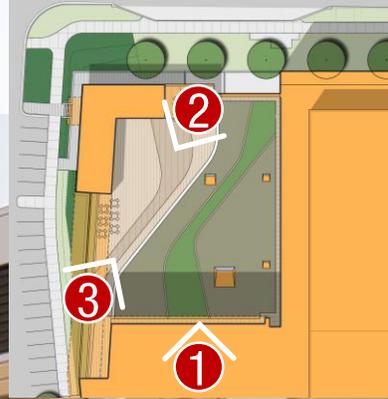


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Green Roof ③

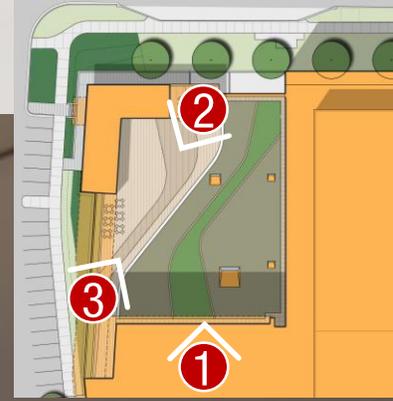


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Green Roof 2



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