

2025 Campus Security Master Plan

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Ensuring the safety and security of our campus community is of paramount importance. As our university continues to grow and evolve, so too must our strategies for maintaining a secure environment. The Security Master Plan is a comprehensive approach designed to enhance the already safe atmosphere of our campus, ensuring that it remains a secure place for all students, faculty, and staff as enrollment numbers increase.

Currently, our campus is home to over 19,000 undergraduate students, with a total enrollment nearing 25,000. This growth necessitates proactive measures to sustain and improve safety standards. The Security Master Plan is not an isolated initiative; it is intricately linked to other recent Master Plans, including those for Transportation, Mobility, Landscaping, and Wayfinding. These interconnected plans collectively aim to create a cohesive and well-integrated campus environment.

A key focus of the Security Master Plan is to enhance situational awareness for University Safety personnel through the implementation of consistent video surveillance and access control systems. These technological advancements will enable law enforcement to monitor and respond to incidents more effectively. Additionally, the plan emphasizes the importance of improving the perception of safety and security through strategic lighting and environmental design initiatives.

The prioritization of security enhancements included in the Master Plan was established through extensive stakeholder engagement with various University staff groups. This collaborative effort culminated in a security working group workshop that reviewed the top recommendations and arrived at the proposed top 20 categories of projects. This inclusive approach ensures that the Security Master Plan addresses the most critical needs and concerns of our campus community.

The Security Master Plan is aligned with the UCONN Security Design Guidelines, which provide risk-based security design tailored to the specific needs of the Storrs Campus. By adhering to these guidelines, we ensure that our security measures are both effective and appropriate for our unique campus environment.

In summary, the Security Master Plan is a forward-thinking strategy that builds upon our existing safety measures. It aims to create a safer, more secure campus that can accommodate our growing student population while integrating seamlessly with other university initiatives. Through enhanced situational awareness and environmental design, we are committed to maintaining a secure and welcoming environment for all members of our university community.



Security at the Storrs Campus: Current State

The UCONN Storrs and Depot Campuses are recognized for their safety, with Clery reports indicating a significantly lower crime rate compared to the national average. This commendable safety record is a testament to the University's proactive approach to security as well as the inherent benefits of its rural setting. Nestled within and adjacent to the community of the Town of Mansfield, the campuses provide a secure environment that fosters academic and personal growth.

UCONN's commitment to safety extends beyond general crime prevention. As mentioned in the latest annual safety reports, the university is dedicated to creating and maintaining a campus free from all forms of sexual harassment, sexual violence, relationship violence, and stalking.¹ This commitment is reflected in comprehensive policies, educational programs, and support services designed to protect and empower all members of the university community. By prioritizing these issues, UCONN ensures that its campuses are not only safe but also inclusive and respectful spaces where everyone can thrive.

As part of its ongoing commitment to campus safety and security, UCONN has developed and adopted a new Security Design Guideline. This guideline provides a framework for implementing risk-based security measures tailored to the specific needs of the Storrs and Depot Campuses. By adhering to these guidelines in new development and construction projects, UCONN continues to enhance its security infrastructure, ensuring a safe and welcoming environment for all.

Through all these efforts, UCONN is creating a secure and supportive environment that enhances the overall campus experience for students, faculty, and staff.

¹ <https://today.uconn.edu/2024/09/uconn-releases-annual-safety-reports-6/>



Security at the Storrs Campus: Challenges

The Storrs and Depot Campuses are fortunate to have a blend of new and historic buildings that have stood the test of time, adding to their unique character and charm. However, the historic nature of some buildings has made it easy to overlook necessary security upgrades over the years, creating challenges that need to be addressed to facilitate the planned growth at the University.

The organic growth of the Storrs Campus has resulted in a patchwork of security equipment, with inconsistencies from one building to the next primarily based on the era of development. Despite these challenges, there have been notable improvements in recent years. The UCONN Police Department is actively working with all new projects to bring order to the approach to electronic security equipment, particularly cameras and access control, ensuring a more cohesive and reliable security infrastructure.

To address these issues comprehensively, UCONN is directing a coordinated and organized approach to understand its existing access control and video surveillance infrastructure. This effort involves a thorough assessment and mapping of current systems and the development of a strategic plan to standardize and enhance security measures across all campus buildings. By taking these steps, UCONN aims to create a safer and more secure environment for all members of its community, while respecting the historical significance of its buildings. Such a position will bring continuity and overall cost savings to the University by effectively and systematically managing the infrastructure and their respective systems. It will facilitate a strategic approach to upgrades, maintenance, and security at new developments.

For a campus of this scale, the maintenance of security systems information is a full-time job that requires constant attention.



The Security Master Plan is designed with specific goals to ensure a comprehensive and effective approach to campus safety. These goals are:

1.

ENHANCE THE PERCEPTION OF SAFETY AND SECURITY FOR PEDESTRIANS ON CAMPUS

By emphasizing projects that improve lighting, landscaping, and wayfinding, the Master Plan aims to create an environment where students, faculty, and visitors feel safe and secure as they navigate the campus. These enhancements will contribute to a positive perception of safety, encouraging a sense of well-being among the campus community.
2.

ENHANCE THE SITUATIONAL AWARENESS OF FIRST RESPONDERS AND UNIVERSITY SAFETY THROUGH VIDEO SURVEILLANCE

The implementation of advanced video surveillance systems will provide University Safety personnel and first responders with real-time situational awareness. This technology will enable quicker and more effective responses to incidents, thereby improving overall campus security.
3.

PROVIDE CONSISTENT ACCESS CONTROL FOR INDOOR AND OUTDOOR ENVIRONMENTS VIA ACCESS CONTROL SYSTEMS AND VEHICLE INTERDICTION METHODS

The Master Plan includes the deployment of access control systems to regulate entry to buildings and other critical areas. Additionally, vehicle interdiction methods will be employed to manage and control vehicular access, ensuring that pedestrianized areas are safe from errant vehicles. These measures will help maintain a secure environment across both indoor and outdoor spaces.

These goals are integral to the Security Master Plan, ensuring that our campus remains a safe and welcoming place for all members of the university community.

Alignment with other initiatives in the Campus Master Plan

The current UCONN Campus Master Plan approved in 2015 outlines several key concepts that align with the goals and initiatives of the Security Master Plan. Here are some of the relevant parts:

1.

EXPANDING MULTI-USE DISTRICTS

Alignment: The creation of vibrant, multi-use precincts that integrate living, learning, and discovery spaces supports the Security Master Plan’s goal of enhancing the perception of safety. By designing areas that are active and well-populated, the campus can naturally deter crime and increase the sense of security.
2.

ENHANCING A UNIQUE AND DISTINCTIVE LANDSCAPE

Alignment: The emphasis on landscape as a structural component aligns with the Security Master Plan’s focus on environmental design initiatives. Improved lighting, clear pathways, and well-maintained green spaces contribute to both actual and perceived safety.
3.

CREATING A VIBRANT STUDENT PRECINCT ALONG HILLSIDE ROAD

Alignment: Transforming Hillside Road into a central hub for student life, with minimized car traffic and enhanced open spaces, aligns with the Security Master Plan's goal of prioritizing pedestrian safety. This initiative supports a secure and engaging environment for students.

4.

CENTRALIZING ADMINISTRATION AND STUDENT AFFAIRS IN THE HERITAGE DISTRICT

Alignment: The renovation and repurposing of historic buildings for administrative functions align with the Security Master Plan’s goal of providing consistent access control. Ensuring these areas are secure is crucial for the safety of both staff and students.
5.

PRIORITIZING PEDESTRIANS WITHIN THE CAMPUS CORE

Alignment: Establishing pedestrian priority and improving the walking environment directly supports the Security Master Plan’s goal of enhancing pedestrian safety. Clear pedestrian corridors, enhanced trails, and upgraded crossings contribute to a safer campus.
6.

CREATING MEMORABLE CAMPUS GATEWAYS

Alignment: Enhancing campus gateways to create a memorable entry experience aligns with the Security Master Plan’s goal of improving the perception of safety, particularly via Crime Prevention through Environmental Design (CPTED). Well-designed gateways can serve as secure and welcoming points of entry, reinforcing the university’s community values.
7.

CREATING A SUSTAINABLE VILLAGE AT DEPOT CAMPUS

Alignment: The development of a sustainable village with housing for graduate students, families, and faculty aligns with the Security Master Plan’s goal of activating these spaces, providing natural surveillance and legitimate use for the Campus. Ensuring these areas are well-monitored and controlled is essential for maintaining safety.

In summary, the overarching concepts of the current Campus Master Plan support and enhance the initiatives outlined in the Security Master Plan. Both plans aim to create a safe, vibrant, and sustainable campus environment that meets the needs of the university community.

Methodology

The Security Master Plan has been developed through a rigorous process assessing the needs and developing recommendations for Security Enhancements throughout the Storrs and Depot Campuses. The following key processes were conducted under a previous holistic Security Risk Assessment as part of the development of the UCONN Security Design Guidelines: Needs Assessment, Data Collection and Analysis, Initial Stakeholder Engagement, Goal Setting and Visioning.

The following processes were undertaken by a security working group comprising representatives from UCONN Division of University Safety and Police Department, Facilities, and the University Planning, Design, and Construction:

1.

DEVELOPMENT OF RECOMMENDATIONS

The recommendations summarized in the following Security Project Plans present the most critical security enhancement projects for the continued growth and success of the student body, faculty, and staff.
2.

IMPLEMENTATION PLAN

2025 Campus Security Master Plan



Project Recommendations

Security Plan Project Recommendations

The following projects were identified through the Needs Assessment process and confirmed in workshops to present the most critical opportunities to enhance security for the growth of the University. Two enabling projects are presented followed by the projects featured as part of this Master Plan.

Critical Enabling Projects

Two needs have been identified that, while separate to the scope of this Security Master Plan, must be completed as prerequisite projects to facilitate effective delivery of the remaining recommendations.

Critical Enabling Project 1: Network Video Recorder (NVR) Upgrades

Goal: This project will increase the capacity of UCONN's on-site Network Video Recorders in order to facilitate video retention according to current commitments and allow for growth in the number and resolution of camera feeds.

Summary: UCONN Police Department has committed to a 90-day storage retention time for all fixed camera feeds throughout the University. This is not currently achievable with the data retention facilities on-site. This project upgrades the network video recorders to meet this requirement and provide capacity for other upgrades associated with Video Surveillance recommended in this Master Plan.

Resource Allocation: \$600,000

Timeline: 1 year



Critical Enabling Project 2: Security Device Mapping and Information Management

Goal: Understanding where current security devices and infrastructure are deployed is critical for situational awareness and response by University Safety. This project will address current gaps as well as responding to the improvements associated with the implementation of the other recommendations in this Security Master Plan.

Summary: This project will itemize and spatially locate existing electronic security systems infrastructure, particularly interior and exterior video surveillance cameras and access control equipment. This is a critical part of system maintenance that becomes a substantial undertaking if not addressed in an incremental, ongoing method. Moreover, the maintenance of this information to keep it current and the coordination of security initiatives between stakeholders warrants the development of a full time position in this project. These are crucial parts of security system whole life cycle maintenance.

Resource Allocation: 1 Full-Time Staff

1. Access Control and Video Surveillance Enhancements in Buildings

Goal

Achieve a consistent baseline of access control across existing buildings at the Storrs Campus. This includes access control at main entrances and exits as well as at ITS closets. Video Surveillance is also included for main entrances and exits.

Estimated Project Cost

\$17,781,000

Estimated Construction Time

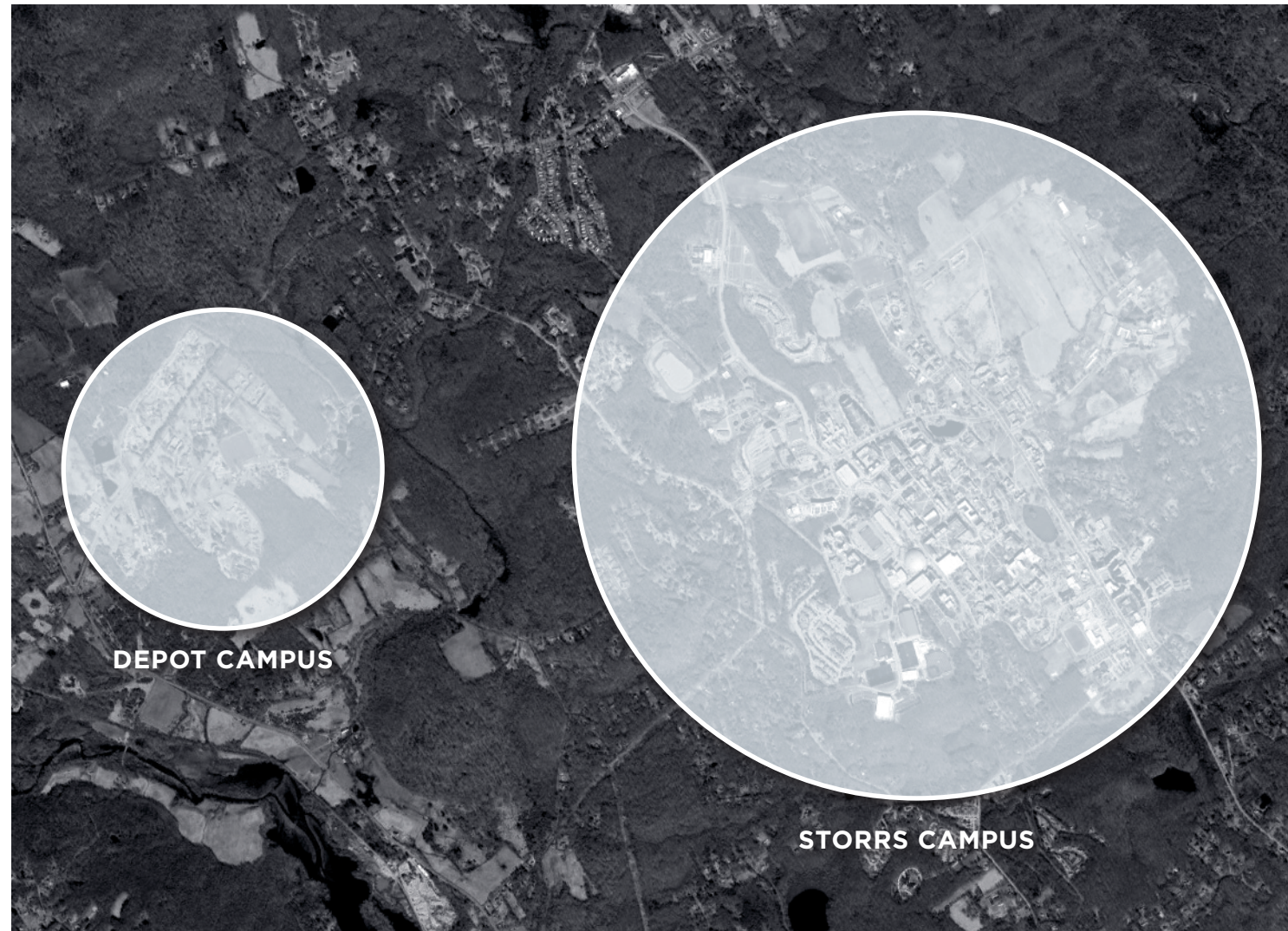
10 year overall duration to focus disruption and spread cost.

Scope

Addition of interior cameras and access control along with associated supporting technology.

Location

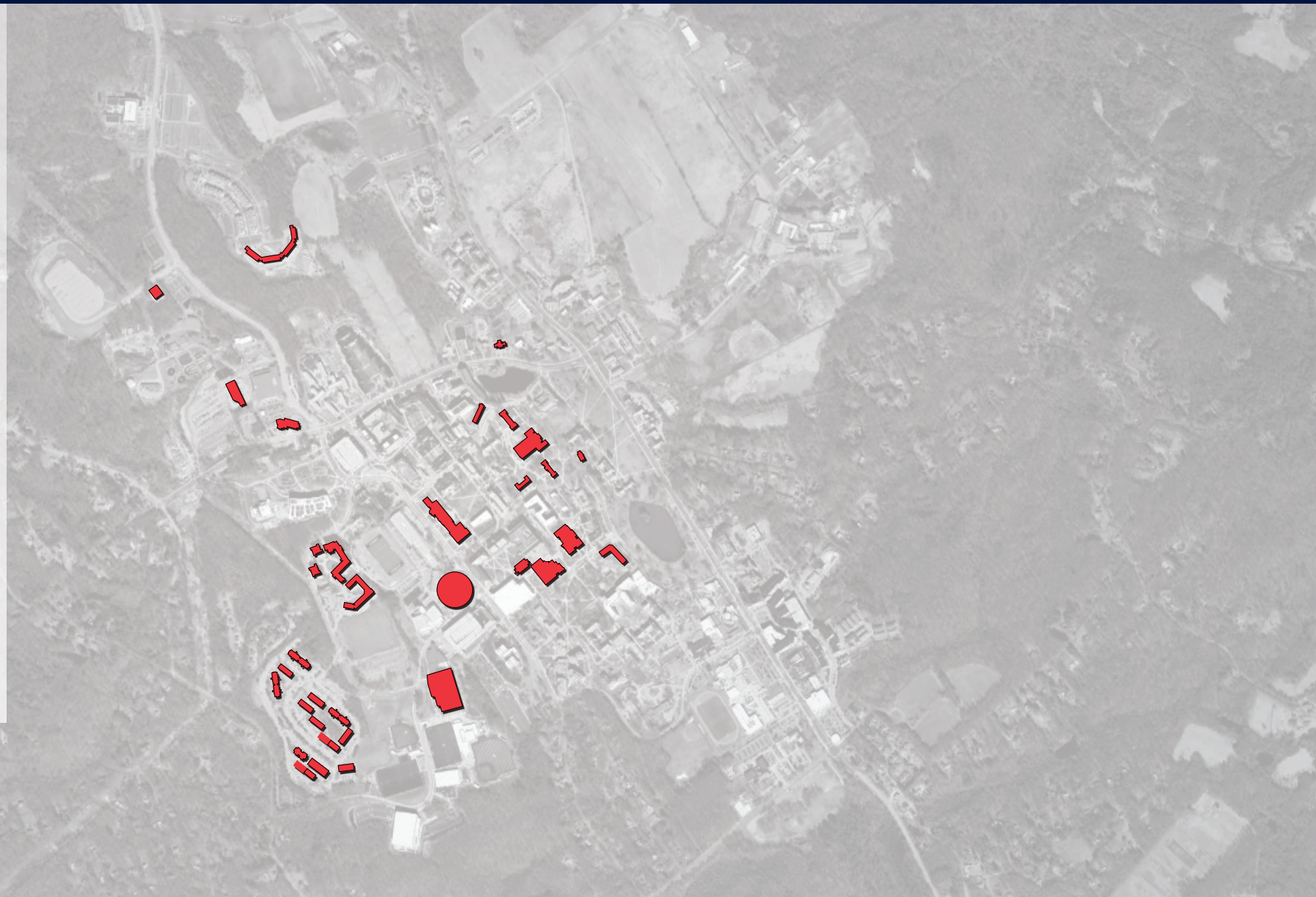
See following pages for maps of affected buildings



1. Access Control and Video Surveillance Enhancements in Buildings

Priority 1 Locations

Albert Gurdon Gulley Hall
Augustus Storrs Hall
Benjamin Franklin Koons Hall
Facilities Operations
Harry A. Gampel Pavilion
Hilda May Williams Student Health Services
Hilltop Apartment Complex (All Buildings)
Hilltop Residence Halls (Ellsworth Hall)
Hilltop Residence Halls (Hale Hall)
Jaime Homero Arjona Building
Lakeside Building
Main Accumulation Area/Environmental Health and Safety
Mark R. Shenkman Training Center
Nathan L. Whetten Graduate Center
Peter J. Werth Residence Tower
Student Union
Thomas J. Dodd Research Center
University Safety Complex, Police/Fire Depts.
Weston A. Bousfield Psychology Building
Wilbur Cross Building
William H. Hall Building
Alan T. Busby Suites
Harry L. Garrigus Suites



1. Access Control and Video Surveillance Enhancements in Buildings

Priority 2 Locations

Alumni Center
Alumni Residence Hall (Belden Hall)
Alumni Residence Hall (Brock Hall)
Alumni Residence Hall (Eddy Hall)
Alumni Residence Hall (Watson Hall)
Anna M. Snow Residence Hall
Harriet S. Jorgensen Theatre
Henry Ruthven Monteith Building
Human Development Center
Innovation Partnership Building
John J. Budds Building
Louisa J. Rosebrooks Residence Hall
Nellie Louise Wilson Residence Hall
School of Business
The Daily Campus
UITs Modular Building
University of Connecticut Foundation
John W. Rowe Center for Undergraduate Education
Philip E. Austin Building
Willis Nichols Hawley Armory
Wolff-Zackin Natatorium



1. Access Control and Video Surveillance Enhancements in Buildings

Priority 3 Locations

Art Ceramic Studio
Central Utility Plant
Charles B. Gentry Building
Charter Oak Apartments (All buildings)
Chemistry Building
Drama-Music Building
Fine Arts Complex
Hugh S. Greer Field House
J. Louis von der Mehden Recital Hall
J. Ray Ryan Building
John W. Rowe Center for Undergraduate Education
Motor Pool
Music Building
Nafe Katter Theatre
Northwood Apartments
Oak Hall
Philip E. Austin Building
Wilbur Cross Building
Walter Childs Wood Hall

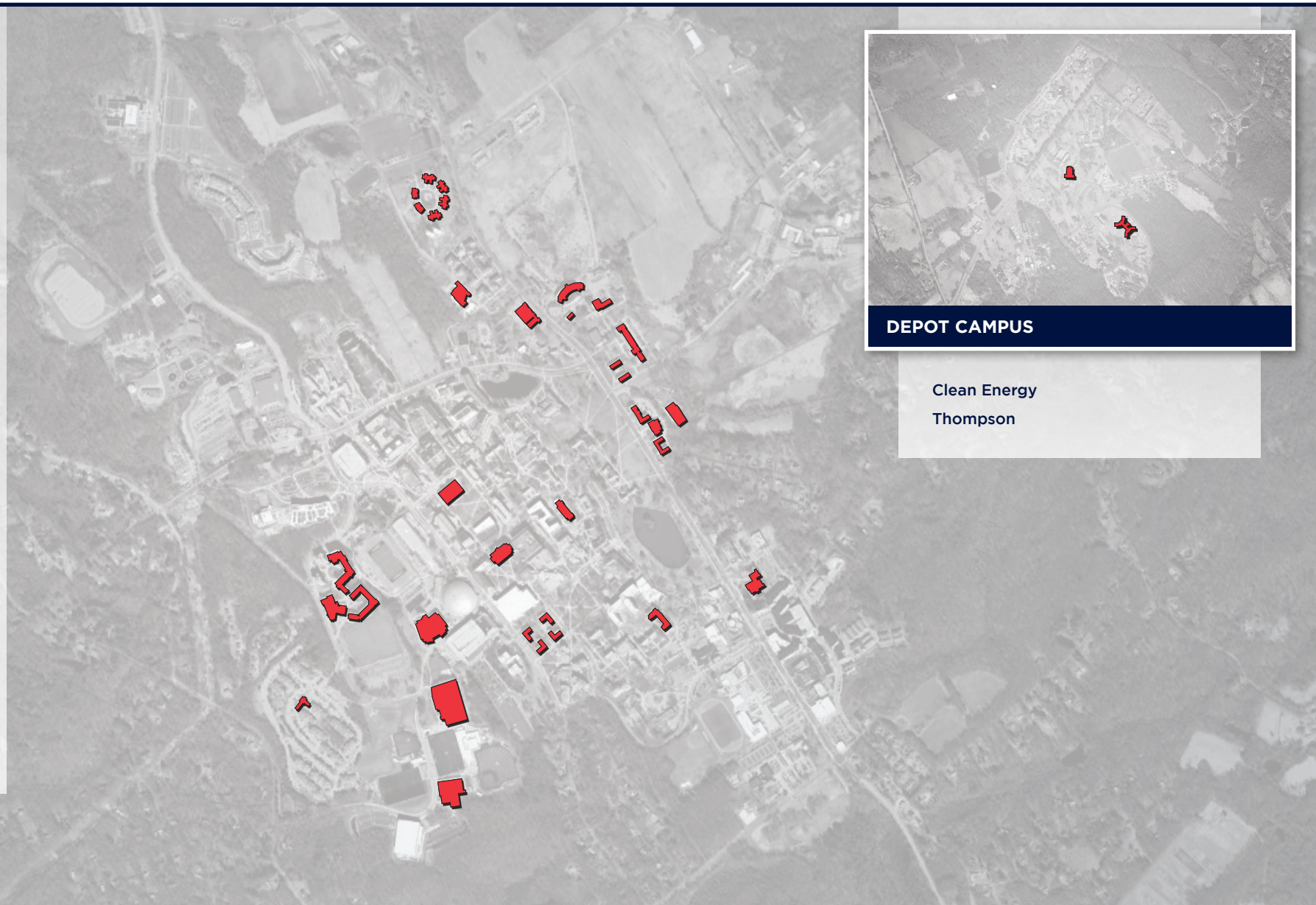


Kennedy
Longley

1. Access Control and Video Surveillance Enhancements in Buildings

Priority 4 Locations

Agricultural Biotechnology Laboratory
Commissary Warehouse
Edwina Whitney Residence Hall
Elizabeth Hicks Residence Hall
Floriculture Greenhouse
Francis L. Castleman Building
Grange East Residence Hall
Hilltop Apartment Complex (Community Center)
Husky Village
Information Technologies Engineering Bldg.
John Buckley Residence Hall
M. Estella Sprague Residence Hall
Marcus Holcomb Residence Hall
Mark Edward Freitas Ice Forum
Mark R. Shenkman Training Center
Nellie Louise Wilson Residence Hall
Peter J. Werth Residence Tower
Roger A. Gelfenbien Towers Dining Hall
Werth Family Basketball Champions Center
West Campus Residence Halls (All buildings)
Wilfred B. Young Building
Willis Nichols Hawley Armory
George C. White Building
Harry L. Garrigus Suites
Israel Putnam Refectory
Merle S. Klinck Building



1. Access Control and Video Surveillance Enhancements in Buildings

Priority 5 Locations



NVR Upgrade

Updating the network video recording system will cost approximately \$600,000. Video storage is not included in any of the following scopes as a result.

Note Priority 1-5 Upgrade

Access control and video surveillance for buildings were separated into 5 priority categories. The basic assumptions of what is included in each scope element, and how many of each scope element are included in each propriety category are shown in the table below. The number of scope elements in each priority category are consistent with the provided “Building Access Tally 10.24.24” excel sheet.

Table 1: Access Control and Video Surveillance at Main Entrances & Access Control on ITS Closets Note Priority 1-5 Upgrades Detailed

Scope Elements	Priority 1	Priority 2	Priority 3	Priority 4	Priority 5
Interior Cameras	77	29	101	73	108
Network Switch	19	8	14	20	41
Access Control (New)	0	16	69	14	90
Access Control (Existing)	76	21	28	41	9
Access Control Panel	19	7	8	18	30
Lock Power Supply	19	7	8	18	30
ITS Access Control (New)	57	45	32	79	63
ITS Access Control Panel	33	26	33	45	33
ITS Lock Power Supply	17	13	14	16	24

2. Video Surveillance at Key Outdoor Circulation Points

Goal

Provide a level of surveillance coverage at main circulation points into and out of the gathering area (e.g. Student Union Terrace and similar).

Estimated Project Cost

\$456,500

Estimated Construction Time

3 months

Scope

Video surveillance at exterior main circulation areas is captured with 25 new exterior cameras, as per the “Building Access Tally 10.24.24” excel sheet.

Location

Main outdoor circulation points



3. Lighting Upgrades at Horsebarn Hill

Goal

Enhance visibility and pedestrian comfort and security in low-light areas at the Horsebarn Hill Complex

Estimated Project Cost

\$3,285,000

Estimated Construction Time

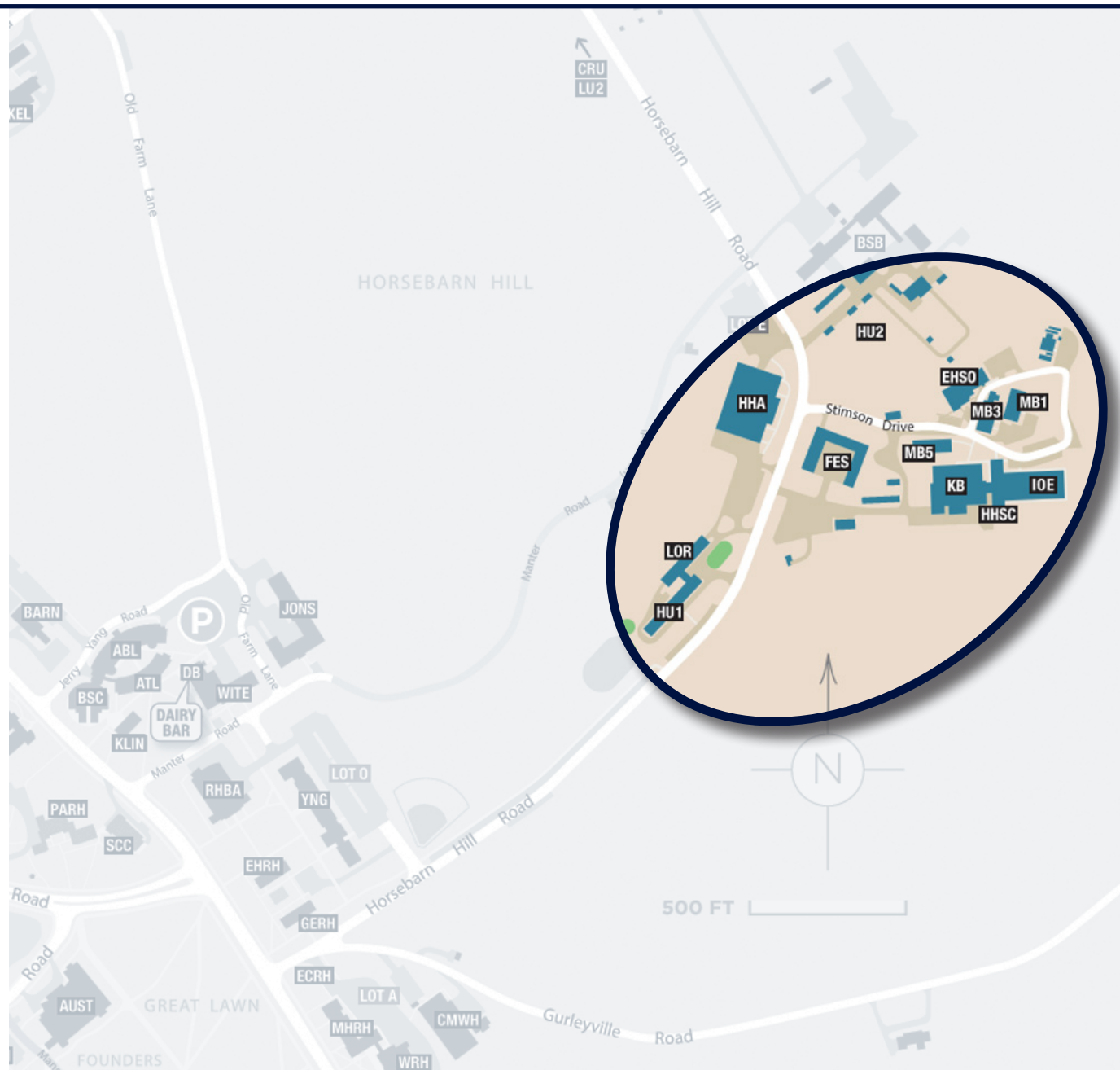
1 Year – spread over two financial years. Proposed phasing is for Stimson Drive Loop in first 6 months and Horsebarn Hill Road in final 6 months.

Scope

Lighting at Horsebarn Hill is achieved with the addition of a light pole at a spacing of 50 ft. This culminates in the addition of approximately 99 new light posts. The approximate cost includes the fixture, post, excavation, and foundation of the light pole, including conduit and hand holes for connection of the new light poles. It does not include allowance for the provision of power to the site as a whole..

Location

Horsebarn Hill-occupied portions of campus area



4. Video Surveillance at Residential Elevators (Non-Private Views only)

Goal

Provide a level of surveillance coverage at elevator entrances.

Estimated Project Cost

\$1,813,000

Estimated Construction Time

1 year, spread across 2 financial years

Scope

Addition of one focused camera per elevator per floor to maintain very narrow field of view and associated privacy to provide video surveillance coverage at entrance to elevators on each floor.

Location

See map of affected buildings



Alumni Residence Hall (Belden Hall)
Alumni Residence Hall (Brock Hall)
Alumni Residence Hall (Eddy Hall)
Alumni Residence Hall (Ryan Building)
Alumni Residence Hall (Watson Hall)
Brien McMahon Residence Hall
Hilltop Residence Halls (Ellsworth Hall)
Hilltop Residence Halls (Hale Hall)
John Buckley Residence Hall
Lester E. Shippee Residence Hall
Northwest Residence Halls (Batterson Hall)
Northwest Residence Halls (Goodyear Hall)
Northwest Residence Halls (Hanks Hall)
Northwest Residence Halls (Rogers Hall)
Northwest Residence Halls (Russell Hall)
Northwest Residence Halls (Terry Hall)

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4. Video Surveillance at Residential Elevators (Non-Private Views only)

The addition of one focused camera per elevator per floor to provide video surveillance coverage at entrance to elevators on each floor equates an addition of 160 new interior cameras. Table 1 shows each building that has multiple floors and elevators, and therefore would require the addition of elevator cameras.

Table 2: Buildings with Elevator Cameras

Building	# Floors	# Elevators	Total # of Elevator Cameras Per Building
Alumni Residence Hall (Belden Hall)	6	2	12
Alumni Residence Hall (Brock Hall)	6	2	12
Alumni Residence Hall (Eddy Hall)	6	2	12
Alumni Residence Hall (Ryan Building)	6	2	12
Alumni Residence Hall (Watson Hall)	6	2	12
Brien McMahon Residence Hall	7	4	28
Hilltop Residence Halls (Ellsworth Hall)	9	2	18
Hilltop Residence Halls (Hale Hall)	9	2	18
John Buckley Residence Hall	6	1	6
Lester E. Shippee Residence Hall	6	1	6
Northwest Residence Halls (Batterson Hall)	4	1	4
Northwest Residence Halls (Goodyear Hall)	4	1	4
Northwest Residence Halls (Hanks Hall)	4	1	4
Northwest Residence Halls (Rogers Hall)	4	1	4
Northwest Residence Halls (Russell Hall)	4	1	4
Northwest Residence Halls (Terry Hall)	4	1	4

5. Lighting Upgrades at Parking Lot A

Goal

Enhance visibility and pedestrian comfort and security in low-light areas at Parking Lot A.

Estimated Project Cost

\$956,500

Estimated Construction Time

6 months

Scope

Lighting at Parking Lot A is achieved with the addition of a light pole at a spacing of 50 ft. This culminates in the addition of approximately 23 new light posts. The approximate cost includes the fixture, post, excavation, and foundation of the light pole, including conduit and hand holes for connection of the new light poles. It does not include allowance for the provision of power to the site as a whole.

Location

Parking Lot A



6. Lighting Upgrades at Celeron Trail

Goal

Enhance visibility and pedestrian comfort and security in low-light areas at the Celeron Trail.

Estimated Project Cost

\$1,638,500

Estimated Construction Time

1 year, spread across 2 financial years

Scope

Lighting along the Celeron Trail is achieved with the addition of new low-level light fixtures at a spacing of 50 ft at a spacing of 50 ft. This culminates in the addition of approximately 102 new light posts. The approximate cost includes the fixture, post, excavation, and foundation of the light pole, including conduit and hand holes for connection of the new light poles. It does not include allowance for the provision of power to the site as a whole.

Location

Celeron Trail



Goal
Achieve a consistent baseline of access control across Loading Docks at the Storrs Campus.

Estimated Project Cost
\$957,000

Estimated Construction Time
8 months

Scope
Addition of card access with video intercom at perimeter doors to 25 loading docks as per the “Building Access Tally 10.24.24” excel sheet.

Location
Loading Docks at the Storrs Campus – Allowance for 25 loading docks on campus to be improved.



Table 3: Access Control Upgrades for Loading Docks

Scope Elements	# of Scope Elements
Access Control (New)	25
Access Control Panel	25
Lock Power Supply	25
Intercom	25

8. Video Surveillance of Circulation Areas or Gathering Spaces

Goal

Provide a level of surveillance coverage in main circulation areas and in areas with high value items or collection points.

Estimated Project Cost

\$283,500

Estimated Construction Time

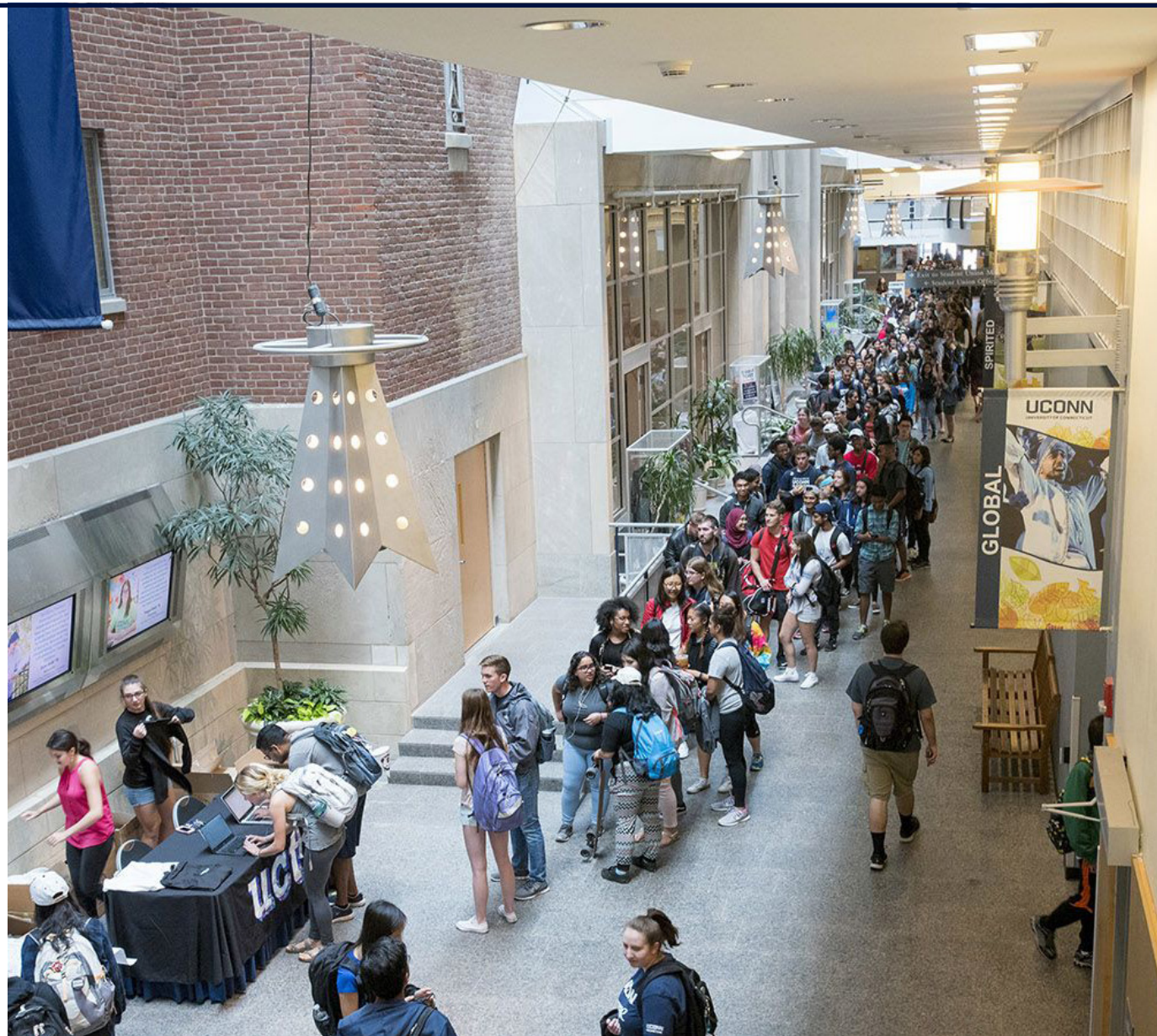
3 months

Scope

Video surveillance at interior main circulation areas is captured with 25 new interior cameras, as per the “Building Access Tally 10.24.24” excel sheet.

Location

Indoor main circulation areas – General Allowance



9. Enforced Pedestrian Priority in Greens of the Campus Core

Goal

Provide hostile vehicle mitigation to eliminate unauthorized vehicles from pedestrianized areas. Due to the scale of pedestrianized areas at the Campus, the first focus area is at the Founders Green, while other areas are included as a lower-priority for subsequent development.

Estimated Project Cost

\$561,000

Estimated Construction Time

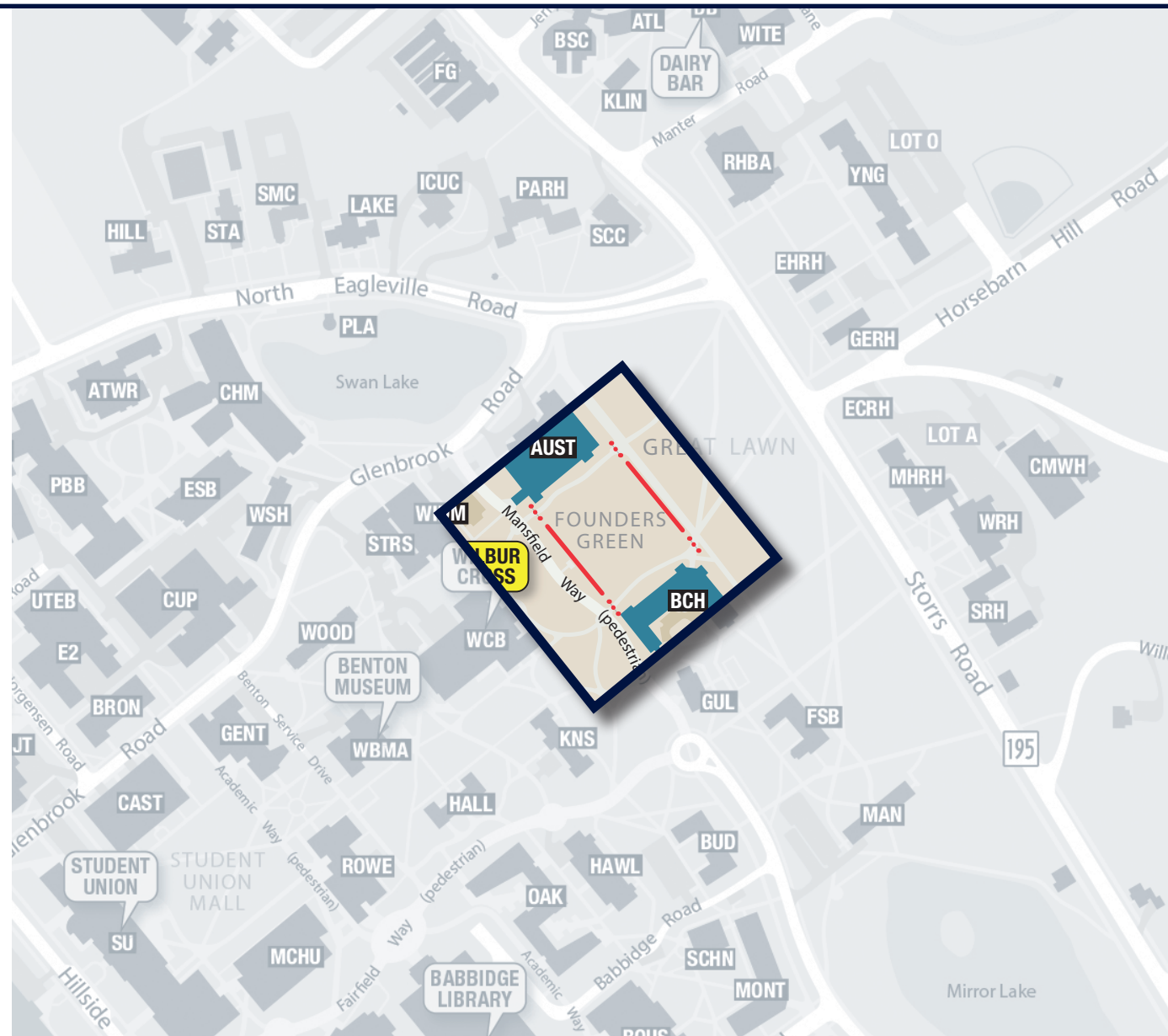
6 months

Scope

The addition of a HVM knee wall between Beach Hall and Philip E Austin Building on each side of Founders Green would be approximately 750 linear feet and would be approximately 2ft above the ground. An allowance for 16 static bollards and 4 rising bollards is included for pedestrian and specialist vehicle access to the Green.

Location

Founders Green



10. Lighting Upgrades between North Campus Residential Areas

Goal

Enhance visibility and pedestrian comfort and security in low-light areas along the trail from North Campus Residence Halls to Busby Suites.

Estimated Project Cost

\$321,500

Estimated Construction Time

6 months

Scope

Lighting at along the trail from North Campus Residence Halls to Busby Suites is achieved with the addition of a new low-light fixture at a spacing of 50 ft. This culminates in the addition of approximately 20 new light posts. The approximate cost includes the fixture, post, excavation, and foundation of the light pole, including conduit and hand holes for connection of the new light poles. It does not include allowance for the provision of power to the site as a whole.

Location

Trail from North Campus Residence Halls to Busby Suites.



2025 Campus Security Master Plan



Sequencing and Implementation

The Sequencing and Implementation Plan is a critical component of the Security Master Plan, ensuring that all proposed enhancements are executed in a systematic and efficient manner. This plan outlines the phased approach to implementing security upgrades across the UCONN campuses, prioritizing projects based on urgency, impact, and available resources.

By following a structured sequence, it's possible to address immediate security needs while laying the groundwork for long-term improvements. This methodical approach not only enhances the overall safety and security of the campus but also ensures that each step is carefully coordinated with ongoing university operations and other master plans.

Immediate Actions

Critical Enabling Project 1: NVR Upgrades

Critical Enabling Project 2: Security Device Mapping

Primary Security Initiative

Major Pursuits

Top 10	Scope	Location(s)
1	Card access control, video surveillance, and intrusion detection at the main access and egress points where it is not currently present.	All Buildings main access and egress points and ITS closets. This applies to buildings currently lacking some aspect of video surveillance or access control.
2	Provide a level of surveillance coverage at main circulation points into and out of the gathering area. Allowance for 25 additional cameras and associated infrastructure.	Outdoor Gathering Spaces
3	Additional lighting considered as part of strategy to enhance lighting in broader area.	Horsebarn Hill Complex
4	Provide video surveillance coverage at entrance to elevators on each floor. Assumed one focused camera per elevator per floor to maintain very narrow field of fiew and associated privacy.	Non-private residential areas
5	Additional lighting considered as part of strategy to enhance lighting in broader area.	Parking Lot A
6	Additional lighting considered as part of strategy to enhance lighting in broader area.	Celeron Trail
7	Add card access with video intercom at perimeter doors to loading docks.	Loading Docks, where feature is currently not present.
8	Provide a level of surveillance coverage in main circulation areas and in areas with high value items or collection points	Indoor Circulation and Gathering Spaces
9	Create a hostile vehicle mitigation scheme as necessary to ensure an enclosed vehicle perimeter is present around Founders Green. HVM line between Beach Hall and Philip E Austin Building on each side of Founders Green, assumed to be based around a knee-wall landscaping feature.	Founders Green
10	Additional lighting installed with layered approach at pedestrian scale along the path.	Trail from North Campus Residence Halls to Busby Suites

Implementation Schedule

- Priority 1
- Small capital expenditures less than \$1M
- Large capital expenditures \$1M+

Speculative calendar of annual improvement costs envisioned by the 2025 UCONN Security Master Plan

Estimated costs are in 2025 dollars including a 10% allowance for soft costs from consultants preliminary design services. Escalation is considered in project implementation at 4% annually.

Project		Baseline Estimate (\$2025)	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
1	NVR Upgrade for card access control, and VSS at the main access and egress points	\$600,000	\$600,000										
	Note Priority 1 card access control, and VSS at the main access and egress points	\$3,371,500		\$1,753,180	\$1,823,307								
	Note Priority 2 card access control, and VSS at the main access and egress points	\$1,960,000				\$1,102,367	\$1,146,461						
	Note Priority 3 card access control, and VSS at the main access and egress points	\$3,479,500					\$1,356,841	\$1,411,115	\$1,467,559				
	Note Priority 4 card access control, and VSS at the main access and egress points	\$3,683,000						\$1,493,644	\$1,553,390	\$1,615,526			
	Note Priority 5 card access control, and VSS at the main access and egress points	\$5,287,000									\$2,411,875	\$2,508,350	\$2,608,684
2	Provide a level of surveillance coverage at Outdoor Gathering Spaces	\$456,500						\$555,402					
3	Additional lighting considered as part of strategy to enhance lighting at the Horsebarn Hill Complex	\$3,285,000		\$1,708,200	\$1,776,528								
4	Provide video surveillance coverage at entrance to elevators on each floor.	\$1,813,000				\$1,019,689	\$1,060,477						
5	Additional lighting at Parking Lot A	\$956,500				\$1,075,932							
6	Additional lighting considered as part of strategy to enhance lighting at the Celeron Trail	\$1,638,500								\$1,078,077	\$1,121,200		
7	Add card access with video intercom at perimeter doors to loading docks	\$957,000										\$681,055	\$708,297
8	Provide a level of surveillance coverage at Indoor Circulation and Gathering Spaces	\$283,500				\$318,899							
9	Create a hostile vehicle mitigation scheme around Founders Green.	\$561,000							\$709,844				
10	Additional lighting on the trail from North Campus Residence Halls to Busby Suites	\$321,500								\$423,072			
Top 10 Priority Enhancements Total Baseline Cost		\$28,653,500	\$600,000	\$3,461,380	\$3,599,835	\$3,516,887	\$3,563,779	\$3,460,161	\$3,730,793	\$3,116,675	\$3,533,075	\$3,189,405	\$3,316,981

Additional Security Initiatives

In addition to the major pursuits that have been scheduled for implementation, several other security initiatives were explored at workshops that merit documentation in this Master Plan. Many of these Secondary Security Initiatives are extensions of scope for the Primary Initiatives, particularly for projects related to Access Control Systems and to providing Hostile Vehicle Mitigation at various pedestrianized areas of the campus.

If these projects are adopted, then sequencing should be considered in view of the related Primary Security Initiatives in order to achieve the best value and least disruption on the campus. For example, addressing all access control issues in one building at one time is more practical than addressing main entrances in one year and returning to finish other entrances later on. Alternatively, hostile vehicle mitigation projects can be disruptive for pedestrian flow and student experience, so it may be practical to complete them in a staged approach.

Secondary Security Initiative

Next 10	Scope	Location(s)
11	Eliminate parking and vehicle circulation immediately adjacent to the building for all vehicles. Per instance of vehicle prohibition for painting/stripping, signage, etc.	Enforced Standoff Upgrade Project
12	Add secondary video surveillance for secure areas such as areas with controlled substances, items of historical or cultural significance, items of significant theft potential, and areas where student access is restricted. Per instance of additional surveillance.	Secondary Layer of Security - Video Surveillance
13	Eliminate parking for unknown/unscreened vehicles (e.g., general public) within 100' of the building or the designated outdoor gathering area. Per instance of vehicle prohibition.	Enforced Standoff Upgrade Project
14	Add forced door or held-open door alarm capability to all doors on access control where not currently present.	Intrusion Detection / Alarm Management - Access Control Door Alarm
15	Provide a level of surveillance coverage at Access / Egress Points, in main circulation areas and areas to congregate	LOT 1, 2, A, B, D, F, I, K, L, S, T, W, Y, NPRK, + SPRK
16	Provide architectural pedestrian fence or low wall for critical operations assets (Note - this was observed to be present already for most Critical Operations facilities)	Data Center, FACOPS, WPCF, CT, + UP
17	Provide HVM knee wall along Storrs Road and N Eagleville Road along the Great Lawn	Great Lawn
18	Provide HVM knee wall connecting Mirror Lake, the Department of Philosophy, the Family Studies Building, and Beach Hall.	Great Lawn
19	Create a hostile vehicle mitigation scheme as necessary to ensure an enclosed vehicle perimeter is present around the South Campus Commons	South Campus Commons
20	Provided all exterior doors with status monitoring via door contacts and with optional request-to- exit.	All Buildings, where features are not yet present

Additional Security Initiatives

- Elements that should be considered with Priority 1
- Small capital expenditures less than \$1M
- Large capital expenditures \$1M+

The following Security Initiatives provide additional options if campus priorities change in the course of the Master Plan implementation.

Project		Baseline Estimate (\$2025)	Description of Scope and Assumptions
11	Eliminate parking and vehicle circulation immediately adjacent to the building for all vehicles	\$8,000	Parking and vehicle circulation immediately adjacent to the building is deterred in each instance with the use of 1 mounted sign, 1 sign and post, and 4 flexible delineating bollards. Note that the baseline cost estimate is for each instance of delineation, and more than one instance may be needed per building.
12	Secondary Layer of Security - Video Surveillance	\$54,500	A secondary layer of video security is achieved with 3 additional interior cameras and 1 associated network switch. This allows secondary video surveillance for secure areas such as areas with controlled substances, items of historical or cultural significance, items of significant theft potential, and areas where student access is restricted. Note that the baseline cost estimate is for each instance of secondary video surveillance, and more than one instance may be needed per building.
13	Eliminate parking for unknown/unscreened vehicles within 100' of the building or the designated outdoor gathering area	\$1,000	Unknown and unscreened vehicle parking is deterred with the use of with the use of 1 mounted sign and 1 sign and post. Note that the baseline cost estimate is for each instance of delineation, or each parking location, and more than one instance may be needed per building.
14	Note Priority 1 forced door/held-open door alarm capability to all doors on access control	\$161,000	Forced door or held-open door alarm capabilities are added to all doors on access control where they are not currently present by adding door contacts and input boards. The addition of door contacts is organized by Access/Egress Note Priority from Project 1, therefore Note Priority 1 for door contacts corresponds to Note Priority 1 for main access and egress upgrades. Note that the that this project should be completed at the same time as Project Priority 1 and Project Priority 20 to decrease the number of times the access control systems are upgraded for each building.
	Note Priority 2 forced door/held-open door alarm capability to all doors on access control	\$292,500	Forced door or held-open door alarm capabilities are added to all doors on access control where they are not currently present by adding door contacts and input boards. The addition of door contacts is organized by Access/Egress Note Priority from Project 1, therefore Note Priority 2 for door contacts corresponds to Note Priority 2 for main access and egress upgrades. Note that the that this project should be completed at the same time as Project Priority 1 and Project Priority 20 to decrease the number of times the access control systems are upgraded for each building.
	Note Priority 3 forced door/held-open door alarm capability to all doors on access control	\$1,982,500	Forced door or held-open door alarm capabilities are added to all doors on access control where they are not currently present by adding door contacts and input boards.The addition of door contacts is organized by Access/Egress Note Priority from Project 1, therefore Note Priority 3 for door contacts corresponds to Note Priority 3 for main access and egress upgrades. Note that the that this project should be completed at the same time as Project Priority 1 and Project Priority 20 to decrease the number of times the access control systems are upgraded for each building.
	Note Priority 4 forced door/held-open door alarm capability to all doors on access control	\$555,500	Forced door or held-open door alarm capabilities are added to all doors on access control where they are not currently present by adding door contacts and input boards. The addition of door contacts is organized by Access/Egress Note Priority from Project 1, therefore Note Priority 4 for door contacts corresponds to Note Priority 4 for main access and egress upgrades. Note that the that this project should be completed at the same time as Project Priority 1 and Project Priority 20 to decrease the number of times the access control systems are upgraded for each building.
	Note Priority 5 forced door/held-open door alarm capability to all doors on access control	\$2,566,500	Forced door or held-open door alarm capabilities are added to all doors on access control where they are not currently present by adding door contacts and input boards. The addition of door contacts is organized by Access/Egress Note Priority from Project 1, therefore Note Priority 5 for door contacts corresponds to Note Priority 5 for main access and egress upgrades. Note that the that this project should be completed at the same time as Project Priority 1 and Project Priority 20 to decrease the number of times the access control systems are upgraded for each building.

Estimated costs are in 2025 dollars including a 10% allowance for soft costs from consultants preliminary design services.

Additional Security Initiatives continued

- Elements that should be considered with Priority 1
- Small capital expenditures less than \$1M
- Large capital expenditures \$1M+

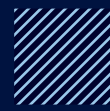
15	Surveillance coverage at LOT 1, 2, A, B, D, F, I, K, L, S, T, W, Y, NPRK, and SPRK	\$1,903,500	Surveillance coverage is added to the Access / Egress Points, main circulation areas, and areas of congregation for outdoor Lot 1, 2, A, B, D, F, I, K, L, S, T, W, and Y and parking garages NPRK, and SPRK. Multiple cameras and 1 new network switch is added to each parking area to achieve the surveillance coverage.
16	Provide architectural pedestrian fence or low wall at the Data Center, FACOPS, WPCF, CT, and UP	\$1,384,000	Architectural pedestrian fence and low walls are added around the perimeter of critical operations assets including the Data Center, FACOPS, WPCF, CT, and UP to provide separation.
17	Provide HVM knee wall along Storrs Road and N Eagleville Road along the Great Lawn	\$1,192,000	A hostile vehicle mitigation scheme to deter vehicle incursion onto the great lawn from major public roads is created through the combination of a knee walls and rising bollards that that follow Glenbrook Road, North Eagleville Road and Storrs Road to enclose the great lawn which would provide a perimeter on the north side of the Great Lawn. This project should be considered in connection to Project Priority 18 and 9 to establish a consistent perimeter around the Great Lawn and the Founders Green.
18	Provide HVM knee wall connecting Mirror Lake, the Department of Philosophy, the Family Studies Building, and Beach Hall.	\$479,000	A hostile vehicle mitigation scheme to deter vehicle incursion onto the great lawn from the campus is created through a combination of a knee walls and rising bollards at the south west of the great lawn that connects Mirror Lake, the Department of Philosophy, the Family Studies Building, and Beach Hall. /this project should be considered in connection to Project Priority 17 and 9 to establish a consistent perimeter around the Great Lawn and the Founders Green.
19	Create a hostile vehicle mitigation scheme around the South Campus Commons	\$1,018,500	A hostile vehicle mitigation scheme to deter vehicle incursion onto the the South Campus Commons is created through a combination of a knee walls and rising bollards that surround the South Campus Commons.
20	Note Priority 1 exterior doors status monitoring via door contacts and with optional request-to-exit	\$138,000	Door contacts with requests to exit and input boards are added to exterior doors to signal if a door is help open. The addition of door contacts is organized by Access/Egress Note Priority from Project Priority 1, therefore Note Priority 1 for door contacts corresponds to Note Priority 1 for main access and egress upgrades. Note that the that this project should be completed at the same time as Project Priority 14 and Project Priority 20 to decrease the number of times the access control systems are upgraded for each building.
	Note Priority 2 exterior doors status monitoring via door contacts and with optional request-to-exit	\$244,500	Door contacts with requests to exit and input boards are added to exterior doors to signal if a door is help open. The addition of door contacts is organized by Access/Egress Note Priority from Project 1, therefore Note Priority 2 for door contacts corresponds to Note Priority 2 for main access and egress upgrades. Note that the that this project should be completed at the same time as Project Priority 14 and Project Priority 20 to decrease the number of times the access control systems are upgraded for each building.
	Note Priority 3 exterior doors status monitoring via door contacts and with optional request-to-exit	\$1,613,000	Door contacts with requests to exit and input boards are added to exterior doors to signal if a door is help open. The addition of door contacts is organized by Access/Egress Note Priority from Project 1, therefore Note Priority 3 for door contacts corresponds to Note Priority 3 for main access and egress upgrades. Note that the that this project should be completed at the same time as Project Priority 14 and Project Priority 20 to decrease the number of times the access control systems are upgraded for each building.
	Note Priority 4 exterior doors status monitoring via door contacts and with optional request-to-exit	\$458,000	Door contacts with requests to exit and input boards are added to exterior doors to signal if a door is help open. The addition of door contacts is organized by Access/Egress Note Priority from Project 1, therefore Note Priority 4 for door contacts corresponds to Note Priority 4 for main access and egress upgrades. Note that the that this project should be completed at the same time as Project Priority 14 and Project Priority 20 to decrease the number of times the access control systems are upgraded for each building.
	Note Priority 5 exterior doors status monitoring via door contacts and with optional request-to-exit	\$2,126,000	Door contacts with requests to exit and input boards are added to exterior doors to signal if a door is help open. The addition of door contacts is organized by Access/Egress Note Priority from Project 1, therefore Note Priority 5 for door contacts corresponds to Note Priority 5 for main access and egress upgrades. Note that the that this project should be completed at the same time as Project Priority 14 and Project Priority 20 to decrease the number of times the access control systems are upgraded for each building.

Estimated costs are in 2025 dollars including a 10% allowance for soft costs from consultants preliminary design services.

2025 Campus Security Master Plan



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Appendix

Each item identified in the scope may contain components that are used to construct that scope item. For example, an interior camera, as it is listed as scope item, consists of not only a camera, but a back box, conduit, and a certain length of cable. The table to the right shows all scope items that contain subcomponents.

Scope Elements	Sub-Items	Qty per Item	Unit
Interior Cameras	Blackbox	1	EA
	1" Conduit	150	LF
	Cat6 Cable	150	LF
	Camera	1	EA
Exterior Camera	Blackbox	1	EA
	2" Conduit	300	LF
	Cat6 Cable	300	LF
	Camera	1	EA
Access Control (New)	Card Reader	1	EA
	Recessed Door Position Switch	1	EA
	Electronic Mortise Lock	1	EA
	PIR Request-to-Exit	1	EA
	Local Horn Strobe	1	EA
	Access Control Composite Cable	150	LF
	1" Conduit	150	LF
Access Control (Existing)	Programming	1	LS
	Local Horn Strobe	1	EA
Intercom	Blackbox	1	EA
	1" Conduit	150	LF
	Cat6 Cable	150	LF

1. Basis of Pricing / Methodology

The cost estimate is classified as a Class 5 estimate according to the Association for the Advancement of Cost Engineering’s (AACE) estimate classification matrix.

The accuracy range of this estimate has been determined to be -25% and +50%. The accuracy range is a gauge of likely bid prices if the project was issued to tender at this current stage.

Pricing shown reflects probable construction costs obtainable for the infrastructure works on the date of this statement of probable costs. This estimate is a determination of fair market value for the construction of this project. It is not a prediction of low bid. Pricing assumes competitive bidding for every portion of the construction work for all subcontractors, that is to mean 4 to 5 bids. If fewer bids are received, bid results can be expected to be higher.

Base date of estimate is Q1 2025, with prices shown in USD\$.

2. Scope of the Project

The scope of this cost estimate includes for the followings works;

- Electronic security mitigations including:
 - Cameras for interior and exterior detection
 - Access control and door contacts for entry and egress mitigation
 - Intercom system
- Physical security mitigations including:
 - Access control with door upgrades and roof access security
 - Improved privacy in parking areas
 - Glazing replacement for interior and exterior windows
 - Installation of emergency communication systems, as well as signage
 - Protective barriers
 - Traffic flow management
 - Exterior lighting improvements
- Contractor mobilization, construction of temporary facilities and laydown areas
- Contractor demobilization and site clear up

3. Below the Line (BTL) Costs

The BTL costs are included in the unit costs for each item throughout the estimate.

The BTL costs included in each unit cost are as specified below and can be found on sheet "BTL Alg.";

- Contractor’s Indirects is assumed at 20% and includes for general conditions, mobilization, site supervision, temporary works not included in direct costs, site facilities and laydown areas.
- Contractor’s overhead and profit is assumed at 10% and includes for General Contractors head office overhead and profit.

4. Contingency and Escalation

Project contingency of 20% has been included which is inline which industry standards of this stage of the design. This does not include additional items of scope, but rather design development of existing scope.

Escalation is excluded as a construction schedule was not provided.

5. Assumptions

- For every (48) cameras, include (1) Network Switch and (1) Network Video Recorder
- For every (32) door, include (1) Access Control Panel and (1) Lock Power Supply
- For every (16) door devices, include (1) Input Board
- Metal Security Mesh at a height of 12ft, secured to parking garage by concrete bolts
- Emergency Blue Phones assumed to include:
 - 5'-8' pole mounted emergency phone, 120V/VoIP blue beacon
 - 500 ft of fiber optic network cable
 - 100 ft of 12 Gauge electrical wire included for power
 - Both fiber optic and electrical wiring will be enclosed underground within Schedule 40, 4" PVC pipe
- Mounted signage attached to buildings by (2) concrete bolts
- Post-mounted signs assumed at a height of 8ft, driven into the soil, and sign attached to post with (2) bolts
- Knee-wall assumed at a height of 2ft tall, including cap stone and mortar
- Decorative fencing assumed at a height of 6ft
- Speed bump dimensions assumed at 12'L x 7'W x 2.25"H
 - Assumed a coating of paint will be applied to the 12'L x 7'W area

Project Notes & Basis of Estimate continued

- Curb extension dimensions assumed at 12'L x 10'W x 6.69"H
 - Wire mesh reinforcement included for concrete support
 - Gravel base below the concrete layer included at the dimensions of 12'L x 10'W x 1'H
- All bollards are costed per each bollard
 - Reinforced concrete foundation, formwork, and rebar for bollard install are included. Testing and commissioning is included for rising bollards
- Flexible delineator post assumed at a height of 48" with flat face and attached to concrete with 4 anchors
- Impact-Rated Bollards are assumed to be M30 rated
- Non-Rated Impact Traffic Bollard assumed foundation of 2'L x 2'W x 2'H
 - Includes grass and soil infill
- Light pole, costed per each light pole, assumed to include:
 - 12' light pole
 - Reinforced concrete foundation of 1.5'L x 1.5'W x 2'H
 - Handhole, assumed to include:
 - Handhole, set below grade, with excavation dimensions of 6'L x 3'W x 3'H
 - 5/8 x 8' Ground Rod
 - Assume each light pole includes one handhole
 - Handhole to light pole connection, assumed to include:
 - 30' of (2) #10 + (1) #10G feeder
 - 30' of 3/4" conduit
 - Assume each light pole includes one handhole to light pole connection
 - Light pole electrical feeder, costed on a per foot basis, assumed to include:
 - (4) #6 + (1) #1G feeder
 - 1-1/2" conduit
 - 12" x 12" concrete duct bank, with excavation assumptions of 2' wide x 4' deep
 - Lower-level light fixture assumed foundation of 2'L x 2'W x 2'H
 - Lower-level light fixture electrical feeder, costed on a per foot basis, assumed to include:
 - (4) #6 + (1) #1G feeder
 - 1-1/2" conduit
 - 12" x 12" concrete duct bank, with excavation assumptions of 2' wide x 4' deep
 - Board-up assumed 4' x 8' plywood to apply to exterior windows
 - Single leaf door with side light & window are 16 Gauge rating
 - Double doors with windows are 16 Gauge rating
 - Fire rated laminated glass costed on a 4' x 6' basis with a thickness of 1/2" and 0.06" vinyl interlayer
 - Non-fire rated laminated glass is costed on a 4' x 8' basis with a thickness of 1/2" and 0.06" vinyl interlayer
 - Window film is a 4 MIL security rating costed on a 4' x 6' basis
 - Additional assumptions are noted throughout the estimate.

6. Allowances

- 10% direct cost markup added for routing and required fittings of conduit
- 15% direct cost markup added as a waste factor for Cat6 Cable and Access Control Composite Cable
- 25% direct cost markup in signage costs to account for UCONN specific signage
- An allowance for voltage variability has been included for the 120V electrical wire
- 20% waste factor included for mortar
- 10% allowance for testing and commissioning for the rising bollard cost is included

7. Items Excluded from the Cost Estimate

- The costs or impacts of latent environmental issues that result in litigations or development delays
- Costs associated with supplying the site with additional power to support new lighting infrastructure.
- Demolition
- Protection, relocation, or removal of existing utilities (unless stated)
- New utilities required (unless stated)
- All soft costs (unless stated)
- Owners contingency
- The Owners facilities onsite
- Owner’s direct management costs, running, and maintenance costs
- Planning and enquiry costs, including legal expenses and fees
- Site investigation
- Risk-based contingency analysis
- Tests and inspections performed by others, apart from that listed in the estimate
- Hazardous or contaminated mitigation (unless stated)
- Agency engineering, management and administrative costs.
- Quality Assurance to be carried out by the Owner
- Local taxes and duties

8. Items that may affect the cost estimate

- Modifications to the scope of work included in this estimate.
- Special phasing requirements. (unless stated)
- Restrictive technical specifications or excessive contract conditions.
- Any other non-competitive bid situations.

9. Statements of Probable Cost

ARUP has no control over the cost of labor and materials, general contractor’s or any subcontractor’s method of determining prices, or competitive bidding and market conditions. This opinion of probable cost of construction is made on the basis of the experience, qualifications, and best judgment of the professional consultant familiar with the construction industry. ARUP cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from this or subsequent cost estimates.

Access Control Systems Build Up

Building Name	Access/Egress		Access Egress						ITS Closets				Door Contacts with REX/Strobe	
			Interior Cameras	Network Switch*	Access Control (New)	Access Control (Existing)	Access Control Panel**	Lock Power Supply**	Access Control (New)	Access Control (Existing)	Access Control Panel**	Lock Power Supply**	Door Contact	Input Board
	Rank	ITC Rank												
Harry L. Garrigus Suites	1	4	5	1	0	5	1	1	11	0	6	1	4	1
Alan T. Busby Suites	1	5	4	1	0	4	1	1	4	0	2	1	3	1
Charter Oak Apartments (Frederick Brown Hall)	1	5	4	1	0	4	1	1	2	0	1	1	0	0
Hilltop Apartment Complex (Beard Building)	1	N/A	4	1	0	4	1	1	0	0	0	0	0	0
Hilltop Apartment Complex (Bethune Building)	1	N/A	4	1	0	4	1	1	0	0	0	0	0	0
Hilltop Apartment Complex (Crandall Building)	1	N/A	4	1	0	4	1	1	0	0	0	0	0	0
Hilltop Apartment Complex (Crawford Building)	1	N/A	4	1	0	4	1	1	0	0	0	0	0	0
Hilltop Apartment Complex (French Building)	1	N/A	4	1	0	4	1	1	0	0	0	0	0	0
Hilltop Apartment Complex (Grasso Building)	1	N/A	4	1	0	4	1	1	0	0	0	0	0	0
Hilltop Apartment Complex (La Flesche Building)	1	N/A	4	1	0	4	1	1	0	0	0	0	0	0
Hilltop Apartment Complex (Meritt Building)	1	N/A	4	1	0	4	1	1	0	0	0	0	0	0
Hilltop Apartment Complex (Novello Building)	1	N/A	4	1	0	4	1	1	0	0	0	0	0	0
Hilltop Apartment Complex (Stowe Building)	1	N/A	4	1	0	4	1	1	0	0	0	0	0	0
Hilltop Apartment Complex (Wheeler Building)	1	N/A	6	1	0	6	1	1	0	0	0	0	0	0
Hilltop Apartment Complex (Woodhouse Building)	1	N/A	3	1	0	3	1	1	0	0	0	0	0	0
Hilltop Apartment Complex (Wu Building)	1	N/A	4	1	0	4	1	1	0	0	0	0	0	0
Hilltop Residence Halls (Ellsworth Hall)	1	N/A	3	1	0	3	1	1	0	0	0	0	3	1
Hilltop Residence Halls (Hale Hall)	1	N/A	3	1	0	3	1	1	0	0	0	0	3	1
Peter J. Werth Residence Tower	1	N/A	5	1	0	4	1	1	0	0	0	0	1	1
Human Development Center	2	2	5	1	5	0	0	0	3	0	2	1	5	1
Harriet S. Jorgensen Theatre	2	3	1	1	11	0	0	0	1	0	1	1	12	1
Anna M. Snow Residence Hall	2	4	4	1	0	4	1	1	5	0	3	1	2	1
Louisa J. Rosebrooks Residence Hall	2	4	4	1	0	3	1	1	5	0	3	1	3	1
Alumni Residence Hall (Belden Hall)	2	N/A	3	0	0	2	1	1	0	0	0	0	1	1
Alumni Residence Hall (Brock Hall)	2	N/A	3	1	0	3	1	1	0	0	0	0	0	0
Alumni Residence Hall (Eddy Hall)	2	N/A	3	1	0	3	1	1	0	0	0	0	0	0
Alumni Residence Hall (Watson Hall)	2	N/A	3	1	0	3	1	1	0	0	0	0	0	0
Nellie Louise Wilson Residence Hall	2	N/A	3	1	0	3	1	1	0	0	0	0	6	1
Wilbur Cross Building	3	1	7	1	7	0	0	0	4	0	2	1	10	1
John W. Rowe Center for Undergraduate Education	3	2	4	1	4	0	1	1	6	0	3	1	12	1
Philip E. Austin Building	3	2	4	1	0	4	1	1	5	0	3	1	2	1
Charter Oak Apartments (Andrew K. Thompson Hall)	3	5	4	1	0	4	1	1	2	0	1	1	0	0
Charter Oak Apartments (Arthur S. Hubbard Hall)	3	5	4	1	0	4	1	1	2	0	1	1	0	0
Charter Oak Apartments (Burke Hough Hall)	3	5	4	1	0	4	1	1	2	0	1	1	0	0
Charter Oak Apartments (Charles S. Foster Hall)	3	5	4	1	0	4	1	1	2	0	1	1	0	0
Charter Oak Apartments (Henry R. Hoisington Hall)	3	5	4	1	0	4	1	1	2	0	1	1	0	0
Motor Pool	3	5	1	1	1	0	0	0	2	0	1	1	3	1
Northwood Apartments	3	5	48	1	48	0	1	1	12	0	6	1	144	9
Chemistry Building	3	N/A	4	1	0	4	0	0	0	0	0	0	0	0
Hugh S. Greer Field House	3	N/A	8	1	5	0	0	0	0	0	0	0	14	1

Access Control Systems Build Up continued

Building Name	Access/Egress		Access Egress						ITS Closets				Door Contacts with REX/Strobe	
			Interior Cameras	Network Switch*	Access Control (New)	Access Control (Existing)	Access Control Panel**	Lock Power Supply**	Access Control (New)	Access Control (Existing)	Access Control Panel**	Lock Power Supply**	Door Contact	Input Board
	Rank	ITC Rank												
Kennedy	3	N/A	2	1	2	0	0	0	0	0	0	0	9	1
Longley	3	N/A	3	1	2	0	0	0	0	0	0	0	30	2
Mark R. Shenkman Training Center	4	1	8	1	0	0	1	1	3	0	2	1	0	0
Willis Nichols Hawley Armory	4	2	3	1	3	0	1	1	2	0	1	1	11	1
Hilltop Apartment Complex (Community Center)	4	4	2	1	0	0	1	1	1	0	1	1	0	0
Mark Edward Freitas Ice Forum	4	4	2	1	1	0	0	0	2	0	1	1	5	1
Peter J. Werth Residence Tower	4	4	0	0	0	0	1	1	9	0	5	1	0	0
Clean Energy	4	N/A	8	1	2	0	0	0	0	0	0	0	12	1
Edwina Whitney Residence Hall	4	N/A	3	1	0	3	1	1	0	0	0	0	0	0
Elizabeth Hicks Residence Hall	4	N/A	3	1	0	3	1	1	0	0	0	0	0	0
Francis L. Castleman Building	4	N/A	3	1	3	0	0	0	0	0	0	0	8	1
Grange East Residence Hall	4	N/A	4	1	0	4	1	1	0	0	0	0	0	0
Information Technologies Engineering Bldg.	4	N/A	0	0	0	3	0	0	0	0	0	0	1	1
M. Estella Sprague Residence Hall	4	N/A	4	1	0	4	1	1	0	0	0	0	0	0
Marcus Holcomb Residence Hall	4	N/A	4	1	0	4	1	1	0	0	0	0	0	0
Roger A. Gelfenbien Towers Dining Hall	4	N/A	3	1	0	3	1	1	0	0	0	0	2	1
Thompson	4	N/A	5	1	3	0	1	1	0	0	0	0	16	1
Werth Family Basketball Champions Center	4	N/A	4	1	2	0	1	1	0	0	0	0	4	1
West Campus Residence Halls (Alsop Hall)	4	N/A	3	1	0	3	1	1	0	0	0	0	0	0
West Campus Residence Halls (Chandler Hall)	4	N/A	3	1	0	3	1	1	0	0	0	0	0	0
West Campus Residence Halls (Hollister Hall)	4	N/A	3	1	0	3	1	1	0	0	0	0	0	0
West Campus Residence Halls (Lancaster Hall)	4	N/A	3	1	0	3	1	1	0	0	0	0	0	0
West Campus Residence Halls (Shakespeare Hall)	4	N/A	3	1	0	3	1	1	0	0	0	0	0	0
West Campus Residence Halls (Troy Hall)	4	N/A	2	1	0	2	1	1	0	0	0	0	0	0
Benjamin Franklin Koons Hall	5	1	3	1	3	0	1	1	2	0	1	1	5	1
Nathan L. Whetten Graduate Center	5	1	4	1	4	0	0	0	5	0	3	1	4	1
William H. Hall Building	5	1	4	1	4	0	0	0	3	0	2	1	6	1
Wolff-Zackin Natatorium	5	2	2	1	1	0	0	0	3	0	2	1	46	3
Walter Childs Wood Hall	5	3	4	1	4	0	0	0	2	0	1	1	6	1
George C. White Building	5	4	4	1	4	0	1	1	3	0	2	1	10	1
Israel Putnam Refectory	5	4	4	1	4	0	1	1	7	0	4	1	8	1
Merle S. Klinck Building	5	4	2	1	2	0	1	1	1	0	1	1	4	1
Lewis B. Rome Commons	5	5	4	1	5	0	1	1	3	0	2	1	7	1
Arthur B. Bronwell Building	5	N/A	4	1	0	4	1	1	0	0	0	0	0	0
Bolton	5	N/A	2	1	2	0	1	1	0	0	0	0	3	1
Brown	5	N/A	2	1	2	0	0	0	0	0	0	0	4	1
Chaplin	5	N/A	2	1	2	0	1	1	0	0	0	0	6	1
Charles Lewis Beach Hall	5	N/A	4	1	0	4	1	1	0	0	0	0	2	1
Columbia	5	N/A	1	1	1	0	1	1	0	0	0	0	5	1
Coventry	5	N/A	2	1	2	0	1	1	0	0	0	0	5	1

Access Control Systems Build Up continued

Building Name	Access/Egress		Access Egress						ITS Closets				Door Contacts with REX/Strobe	
			Interior Cameras	Network Switch*	Access Control (New)	Access Control (Existing)	Access Control Panel**	Lock Power Supply**	Access Control (New)	Access Control (Existing)	Access Control Panel**	Lock Power Supply**	Door Contact	Input Board
	Rank	ITC Rank												
David C. Phillips Communication Sciences Building	5	N/A	2	1	3	0	0	0	0	0	0	0	11	1
Depot B	5	N/A	1	1	1	0	1	1	0	0	0	0	1	1
Depot C	5	N/A	2	1	2	0	1	1	0	0	0	0	15	1
Depot D	5	N/A	6	1	1	0	1	1	0	0	0	0	7	1
Depot Garage (old Surplus)	5	N/A	3	1	2	0	0	0	0	0	0	0	2	1
Ellington	5	N/A	1	1	1	0	1	1	0	0	0	0	5	1
Engineering II	5	N/A	2	1	2	0	0	0	0	0	0	0	7	1
Family Studies Building	5	N/A	5	1	5	0	0	0	0	0	0	0	5	1
Hampton	5	N/A	4	1	4	0	1	1	0	0	0	0	8	1
Harry Grant Manchester Hall	5	N/A	4	1	4	0	0	0	0	0	0	0	5	1
Hebron	5	N/A	1	1	1	0	1	1	0	0	0	0	5	1
Mansfield	5	N/A	1	1	1	0	1	1	0	0	0	0	5	1
Merritt	5	N/A	5	1	3	0	1	1	0	0	0	0	5	1
Norling	5	N/A	3	1	1	0	1	1	0	0	0	0	4	1
Pratt & Whitney	5	N/A	2	1	2	0	1	1	0	0	0	0	4	1
Ratcliffe Hicks Building and Arena	5	N/A	5	1	5	0	1	1	0	0	0	0	7	1
Roy E. Jones Building	5	N/A	0	0	0	1	0	0	0	0	0	0	0	0
Roy E. Jones Building	5	N/A	1	1	1	0	0	0	0	0	0	0	7	1
Seguin	5	N/A	2	1	1	0	1	1	0	0	0	0	8	1
Stafford	5	N/A	1	1	1	0	1	1	0	0	0	0	5	1
Tolland	5	N/A	1	1	1	0	1	1	0	0	0	0	5	1
Union	5	N/A	3	1	3	0	1	1	0	0	0	0	3	1
Vernon	5	N/A	1	1	1	0	1	1	0	0	0	0	7	1
Willimantic	5	N/A	1	1	1	0	1	1	0	0	0	0	5	1
Willington	5	N/A	2	1	2	0	1	1	0	0	0	0	5	1
Windam	5	N/A	1	1	1	0	1	1	0	0	0	0	5	1
Albert Gurdon Gulley Hall	N/A	1	0	0	0	0	0	0	3	0	2	1	0	0
Augustus Storrs Hall	N/A	1	0	0	0	0	0	0	4	0	2	1	0	0
Facilities Operations	N/A	1	0	0	0	0	0	0	2	0	1	1	0	0
Harry A. Gampel Pavilion	N/A	1	0	0	0	0	0	0	4	0	2	1	0	0
Hilda May Williams Student Health Services	N/A	1	0	0	0	0	0	0	2	0	1	1	0	0
Jaime Homero Arjona Building	N/A	1	0	0	0	0	0	0	3	0	2	1	0	0
Lakeside Building	N/A	1	0	0	0	0	0	0	1	0	1	1	0	0
Main Accumulation Area/Environmental Health and Safety	N/A	1	0	0	0	0	0	0	1	0	1	1	0	0
Student Union	N/A	1	0	0	0	0	0	0	11	0	6	1	0	0
Thomas J. Dodd Research Center	N/A	1	0	0	0	0	0	0	2	0	1	1	0	0
University Safety Complex, Police/Fire Depts.	N/A	1	0	0	0	0	0	0	3	0	2	1	0	0
Weston A. Bousfield Psychology Building	N/A	1	0	0	0	0	0	0	4	0	2	1	0	0
Alumni Center	N/A	2	0	0	0	0	0	0	3	0	2	1	0	0
Henry Ruthven Monteith Building	N/A	2	0	0	0	0	0	0	3	0	2	1	0	0

Access Control Systems Build Up continued

Building Name	Access/Egress		Access Egress							ITS Closets				Door Contacts with REX/Strobe	
			Interior Cameras	Network Switch*	Access Control (New)	Access Control (Existing)	Access Control Panel**	Lock Power Supply**		Access Control (New)	Access Control (Existing)	Access Control Panel**	Lock Power Supply**	Door Contact	Input Board
	Rank	ITC Rank													
Innovation Partnership Building	N/A	2	0	0	0	0	0	0		8	0	4	1	0	0
John J. Budds Building	N/A	2	0	0	0	0	0	0		1	0	1	1	0	0
School of Business	N/A	2	0	0	0	0	0	0		6	0	3	1	0	0
The Daily Campus	N/A	2	0	0	0	0	0	0		1	0	1	1	0	0
UTS Modular Building	N/A	2	0	0	0	0	0	0		2	0	1	1	0	0
University of Connecticut Foundation	N/A	2	0	0	0	0	0	0		2	0	1	1	0	0
Art Ceramic Studio	N/A	3	0	0	0	0	0	0		1	0	1	1	0	0
Central Utility Plant	N/A	3	0	0	0	0	0	0		1	0	1	1	0	0
Central Utility Plant	N/A	3	0	0	0	0	0	0		3	0	2	1	0	0
Charles B. Gentry Building	N/A	3	0	0	0	0	0	0		5	0	3	1	0	0
Drama-Music Building	N/A	3	0	0	0	0	0	0		2	0	1	1	0	0
Fine Arts Complex	N/A	3	0	0	0	0	0	0		1	0	1	1	0	0
Fine Arts Complex	N/A	3	0	0	0	0	0	0		3	0	2	1	0	0
J. Louis von der Mehden Recital Hall	N/A	3	0	0	0	0	0	0		1	0	1	1	0	0
J. Ray Ryan Building	N/A	3	0	0	0	0	0	0		1	0	1	1	0	0
Music Building	N/A	3	0	0	0	0	0	0		3	0	2	1	0	0
Nafe Katter Theatre	N/A	3	0	0	0	0	0	0		1	0	1	1	0	0
Oak Hall	N/A	3	0	0	0	0	0	0		7	0	4	1	0	0
Agricultural Biotechnology Laboratory	N/A	4	0	0	0	0	0	0		2	0	1	1	0	0
Commissary Warehouse	N/A	4	0	0	0	0	0	0		2	0	1	1	0	0
Floriculture Greenhouse	N/A	4	0	0	0	0	0	0		2	0	1	1	0	0
Husky Village	N/A	4	0	0	0	0	0	0		15	0	8	1	0	0
John Buckley Residence Hall	N/A	4	0	0	0	0	0	0		6	0	3	1	0	0
Nellie Louise Wilson Residence Hall	N/A	4	0	0	0	0	0	0		5	0	3	1	0	0
Wilfred B. Young Building	N/A	4	0	0	0	0	0	0		3	0	2	1	0	0
Andre Schenker Lecture Hall	N/A	5	0	0	0	0	0	0		2	0	1	1	0	0
Charter Oak Apartments	N/A	5	0	0	0	0	0	0		2	0	1	1	0	0
Kirby Mills	N/A	5	0	0	0	0	0	0		2	0	1	1	0	0
Lawrence D. McHugh Hall	N/A	5	0	0	0	0	0	0		3	0	2	1	0	0
Lester E. Shippee Residence Hall	N/A	5	0	0	0	0	0	0		4	0	2	1	0	0
Main Accumulation Area/Environmental Health and Safety	N/A	5	0	0	0	0	0	0		2	0	1	1	0	0
Planetarium	N/A	5	0	0	0	0	0	0		2	0	1	1	0	0
Reclaimed Water Facility	N/A	5	0	0	0	0	0	0		2	0	1	1	0	0
Satellite Hut	N/A	5	0	0	0	0	0	0		2	0	1	1	0	0
South Campus Chiller Plant	N/A	5	0	0	0	0	0	0		2	0	1	1	0	0
Spring Hill Isolation Barn	N/A	5	0	0	0	0	0	0		2	0	1	1	0	0
Substation	N/A	5	0	0	0	0	0	0		2	0	1	1	0	0
Water Pollution Control Facility	N/A	5	0	0	0	0	0	0		2	0	1	1	0	0
William Benton Museum of Art	N/A	5	0	0	0	0	0	0		1	0	1	1	0	0

