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2020 Campus Master Plan

Presented to the Zoning Commission for the District of Columbia: June 21, 2021

UNIVERSITY OF THE
DISTRICT OF
COLUMBIA
ZONING COMMISSION
District of Columbia
1851
CASE NO. 20-33
EXHIBIT NO. 31A

Campus Master Plan Process

- Kick-off meeting on February 18, 2020
- External Stakeholders Survey – 65 respondents – 94% from within walking distance
- Internal Stakeholders Survey – 316 respondents comprised of faculty, staff, and students
- Convened a University Advisory Group consisting of students, faculty, and staff
- Presented at multiple ANC 3F meetings
- Worked closely with DC agencies, including the Office of Planning and DDOT

About UDC

- Public historically black urban-focused land- grant university in the nation's capital
- Dedicated to serving the needs of the community of the District
- UDC awards undergraduate, graduate, and professional degrees at four colleges (Arts & Sciences; Business & Public Administration; Agriculture, Urban Sustainability & Environmental Sciences; and Engineering & Applied Sciences) and a School of Law located at its flagship Van Ness Campus.



About UDC

- System-wide, the University has established the following goals:
 - Create and nurture a premier community college.
 - Become an outstanding institution for undergraduate education with a global focus.
 - Offer exceptional, research-driven graduate and professional programs of importance to the District and the nation.
 - Provide an important economic engine for the District of Columbia and region.



Existing Van Ness Campus

- Compact, walkable 20.3 acres
- Approximately 2,255 students are enrolled at the Van Ness Campus
- Located adjacent to the Van Ness/UDC Metrorail station on the Red Line



Campus District Plan – Existing Zones

CAMPUS DISTRICT PLAN

Legend

- Athletic Zone
- Academic Zone
- Arts/Culture Zone
- Infrastructure/Utilities
- Temporary DGS School Zone
- - - Campus Boundary

Campus Boundary

- 32 Mathematics
- 38 School of Business and Public Administration/
Career Services/Student Success Center
- 39 Administration/Financial Aid/Registrar
- 41 College of Arts and Science / Library
- 42 School of Engineering and Applied Sciences
- 43 Power Plant
- 44 CAUSES/ Life Sciences / Health Services
- 46E Theatre of the Arts
- 46W Performing Arts
- 47 Sports Complex
- 56 Student Center
- 52 David A. Clarke School of Law
- 4225 Vacant Swing Space
- 4250 CAS & CAUSES swing space



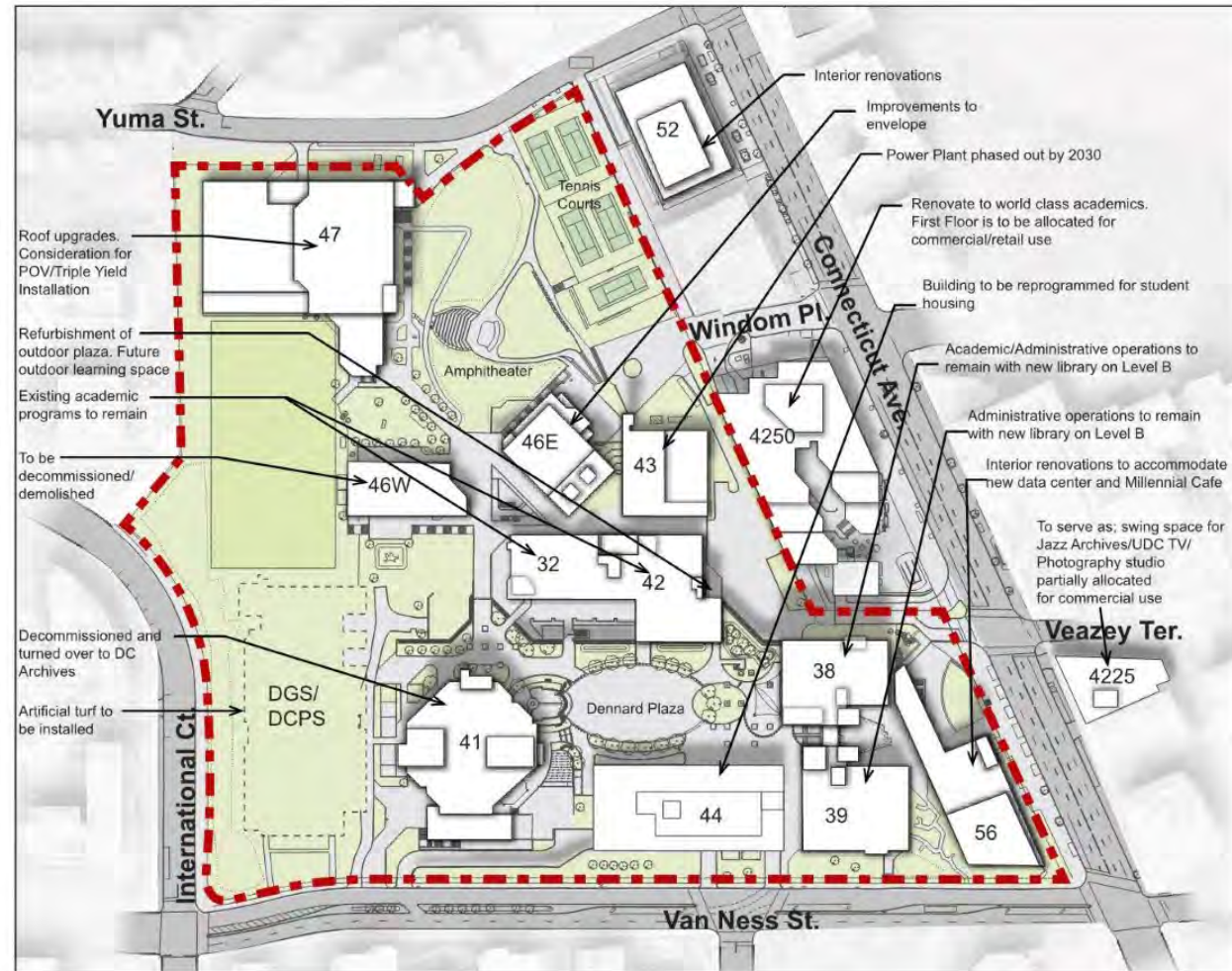
Existing Building Program/Space Analysis

BUILDING PROGRAM / SPACE ANALYSIS OPTIONS

Capital Improvement Plan 2020-2026

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Campus Plan Goals

- I. Establish the Van Ness Campus as a landmark main campus hub
- II. Improve campus visibility from Connecticut Avenue NW
- III. Create opportunities to enhance the student experience while creating revenue generating activities
- IV. Establish campus zones to provide distinct yet connected areas that improve convenience, enhance orientation, and improve operational effectiveness
- V. Accommodate for future growth by establishing a commitment to the environment and new technologies



Campus Plan Goals

- VI. Reduce parking need, recognizing that the University is in an urban setting with direct access to mass transit
- VII. Design for flexible spaces to accommodate the interdisciplinary nature of education
- VIII. Improve campus open space within an urban setting, with the aim to provide much needed green space and better circulation
- IX. Strengthen the campus image and character by promoting the University's distinct identity through wayfinding and placemaking



Campus Development Key Changes

The 2020-2029 Campus Plan features six primary changes to the Van Ness Campus:

- Modestly increase population in students, faculty, and staff that support the change to a selective admissions flagship institution.
- Modernize and upgrade existing academic buildings and facilities.
- Create more-efficient academic spaces in existing buildings.
- Identify potential building sites on the Van Ness Campus.
- Propose upgrades and improvements to vehicular access area.
- Identify and propose upgrades to on-campus public spaces and wayfinding.

Campus Development Key Changes

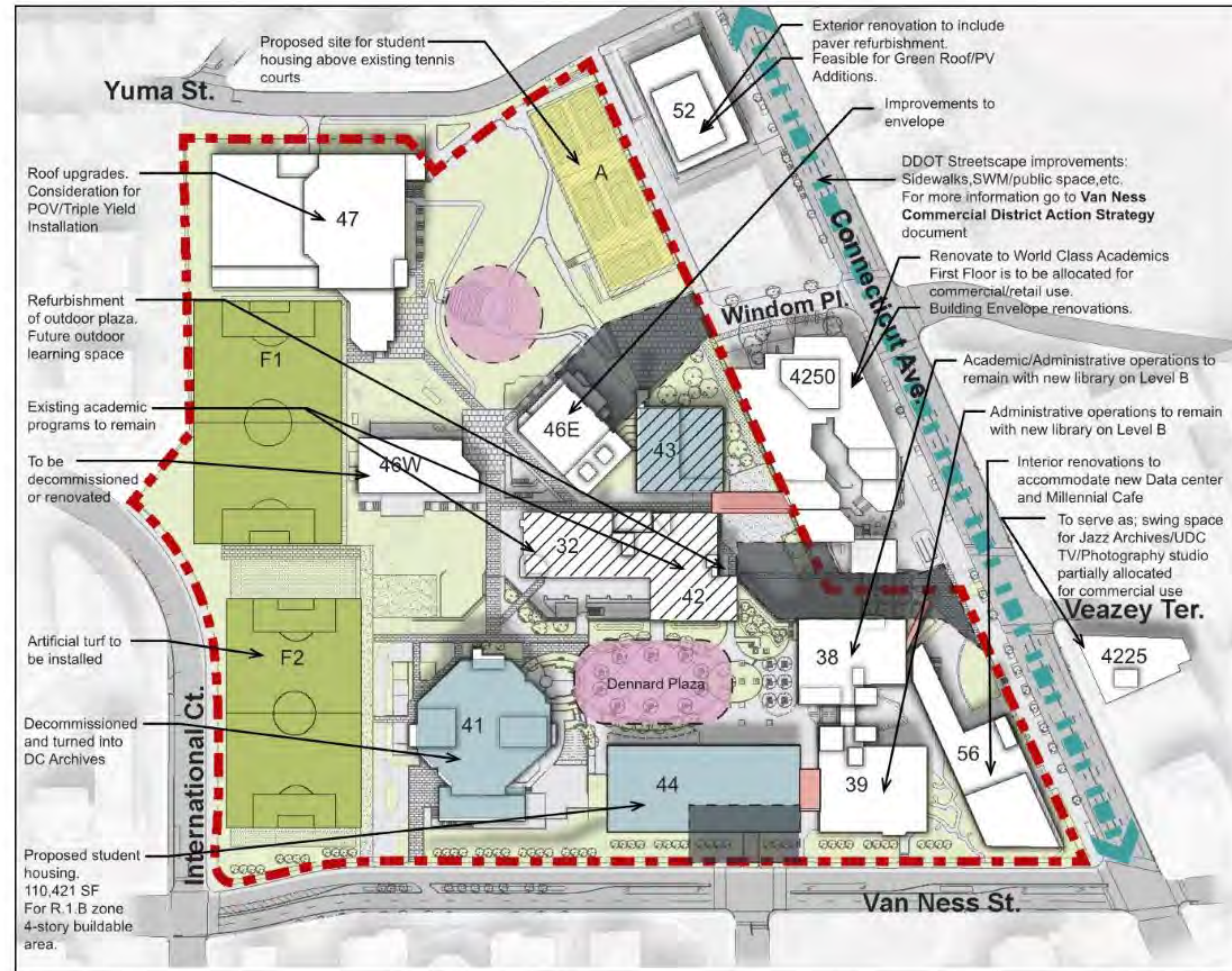
PROPOSED CAMPUS DEVELOPMENT PLAN

LEGEND

- • • Campus Boundary
- New Campus Buildings
- Pedestrian Bridge
- Re-programmed Existing Buildings
- Athletic Fields
- ▨ Structurally Capable of rooftop addition
- Campus Entry Improvement Points
*Refer to Campus Entry Exhibit 8.4 Series
- Improved Spaces

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Key Changes – Student Housing

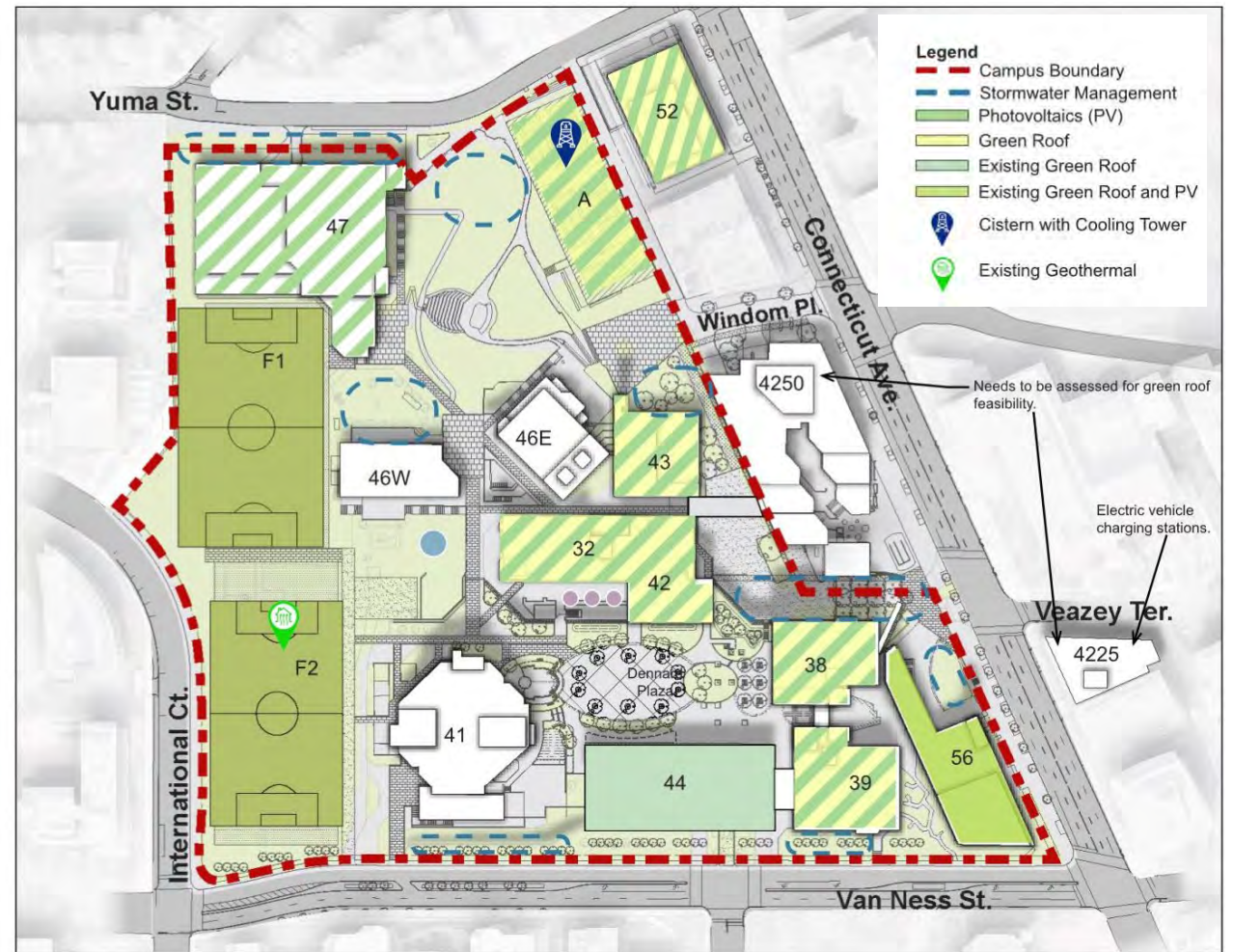
- Identifying Potential Locations for Student Housing
 - **Site “44”** - The site is situated towards the South of the Van Ness Campus along Van Ness Street NW. The University intends to renovate the existing building of 110,421 gross floor area and convert it into student housing.
 - **“Site A”** - This site is at the north east corner of the Van Ness Campus. Here, student housing would be sited over the existing tennis courts at the campus’ Windom Place Entrance. This site contains a developable area of up to 120,000 square feet of land area. It is located closest to the nearby residential neighborhood and would allow for an improved programmatic connection between the University’s Law School and the Van Ness Campus.

Key Changes – Student Housing



Key Changes – Sustainability

- Stormwater Management
 - Create targeted storm water management projects such as the renovation at Dennard Plaza.
 - Reduce hardscape by increasing pervious paving and narrowing walkways.
- Energy
 - Improve monitoring and measuring building energy performance. This includes, phasing out the Central Power plant and outfitting each campus building with individual heating and cooling systems.
- Green Space
 - Green Roof Project - Goal to add 70,000 square feet of green roofs and install additional photovoltaic panels
 - Add green walls to exterior building walls.
 - Placement of new trees at Veazey Terrace entrance and additional tree planters on the Plaza.

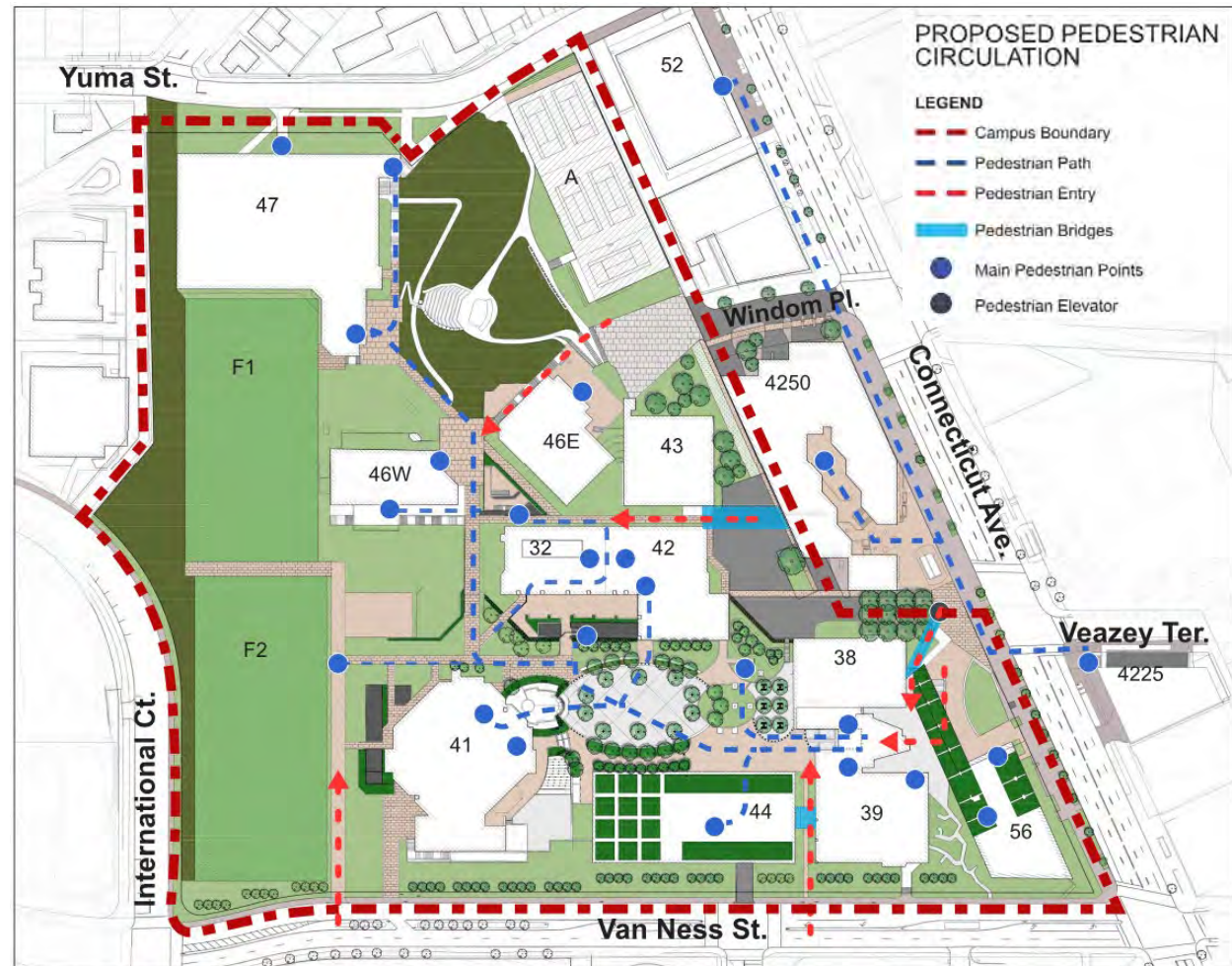


Key Changes – Landscape/Urban Design

- Enhance the pedestrian flow through campus.
- Identifying potential locations for new outdoor spaces
 - Potential outdoor spaces may function as urban gardens/outdoor study, informal gathering, and/or meditation space.
- Enhance the pedestrian gateways including the intersection of CT Avenue and Veazey Terrace
 - Close Veazey Terrace to vehicle traffic and convert this area to a pedestrian-only plaza/entrance.
 - Use planting to screen service areas from Connecticut Avenue .
 - Incorporate a vertical pedestrian transportation element.
 - Connect gateways at Veazey Terrace and Windom place with pedestrian sidewalk.

Key Changes – Landscape/Urban Design

- Proposals to improve the pedestrian circulation on campus:
 - Enhance and strengthen campus entryways.
 - Improve walkways and simplify pedestrian connections
 - Add pedestrian bridges
 - Incorporate vertical circulation to accommodate grade changes.



Key Changes – Landscape/Urban Design

- Proposals to improve the landscape on campus:
 - Identify new outdoor spaces for academic learning and social activity.
 - Increase green areas on campus
 - Increase planting
 - Reduce width of walkways
 - Rehabilitate existing amphitheater
 - Diversify pedestrian activity on campus with seating and other landscape elements
 - Potential for landscape project at closed exit ramp at Van Ness St.








Key Changes – Campus Character

- Strengthen campus perimeter
- Improve and distinguish building facades.
- Use wayfinding strategies to clarify and name existing pathways
- Design and implementation of a campus signage plan with effective graphic quality including:
 - Street signage
 - Exterior building signage
 - Directional signs
 - Pathway markings
 - Campus map kiosks

Key Changes – Campus Character

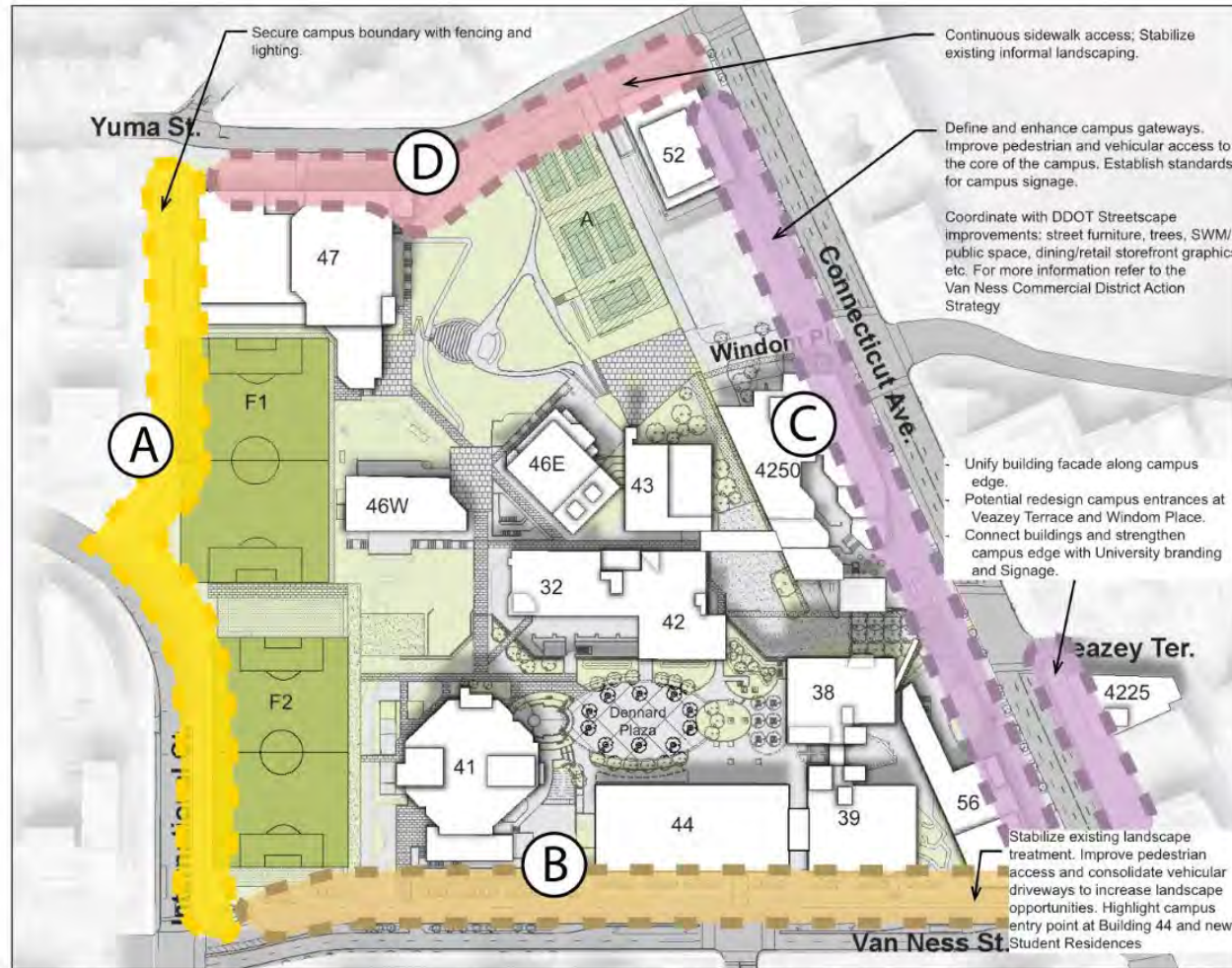
CAMPUS PERIMETER IMPROVEMENT DIAGRAM

Legend

-  Campus Boundary
-  Perimeter Condition A
-  Perimeter Condition B - Van Ness St. NW
-  Perimeter Condition C - Connecticut Ave. Initiatives
-  Perimeter Condition D - Yuma St. NW

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Key Changes – Campus Character

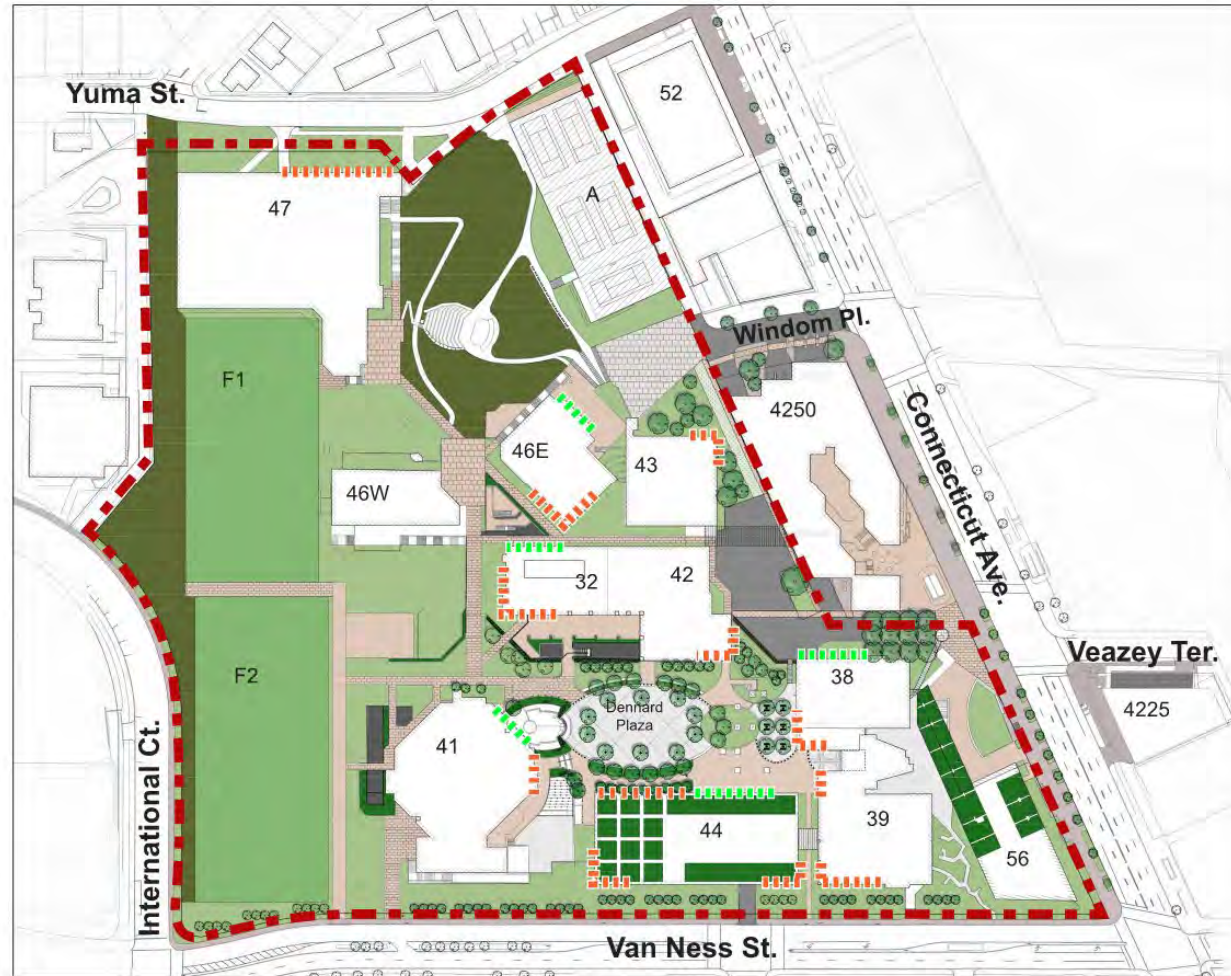
EXHIBIT 8.3A CAMPUS BUILDING FACADE IMPROVEMENTS

LEGEND

-  Campus Boundary
-  Decorative Panels / Screens
-  Green Walls

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Key Changes – Campus Character

METAL SCREEN PRECEDENTS



GREEN WALL PRECEDENTS



Key Changes – Campus Character



* Illustrations and graphics are conceptual and do not represent actual design intentions.

Key Changes – Campus Character

CAMPUS WAYFINDING

LEGEND

--- Campus Boundary

Major Pathways

— Grey Path

— Gold Path

— Red Path

Potential Sign Location

● Sign A

● Sign B

● Sign B2

● Sign C

● Sign D

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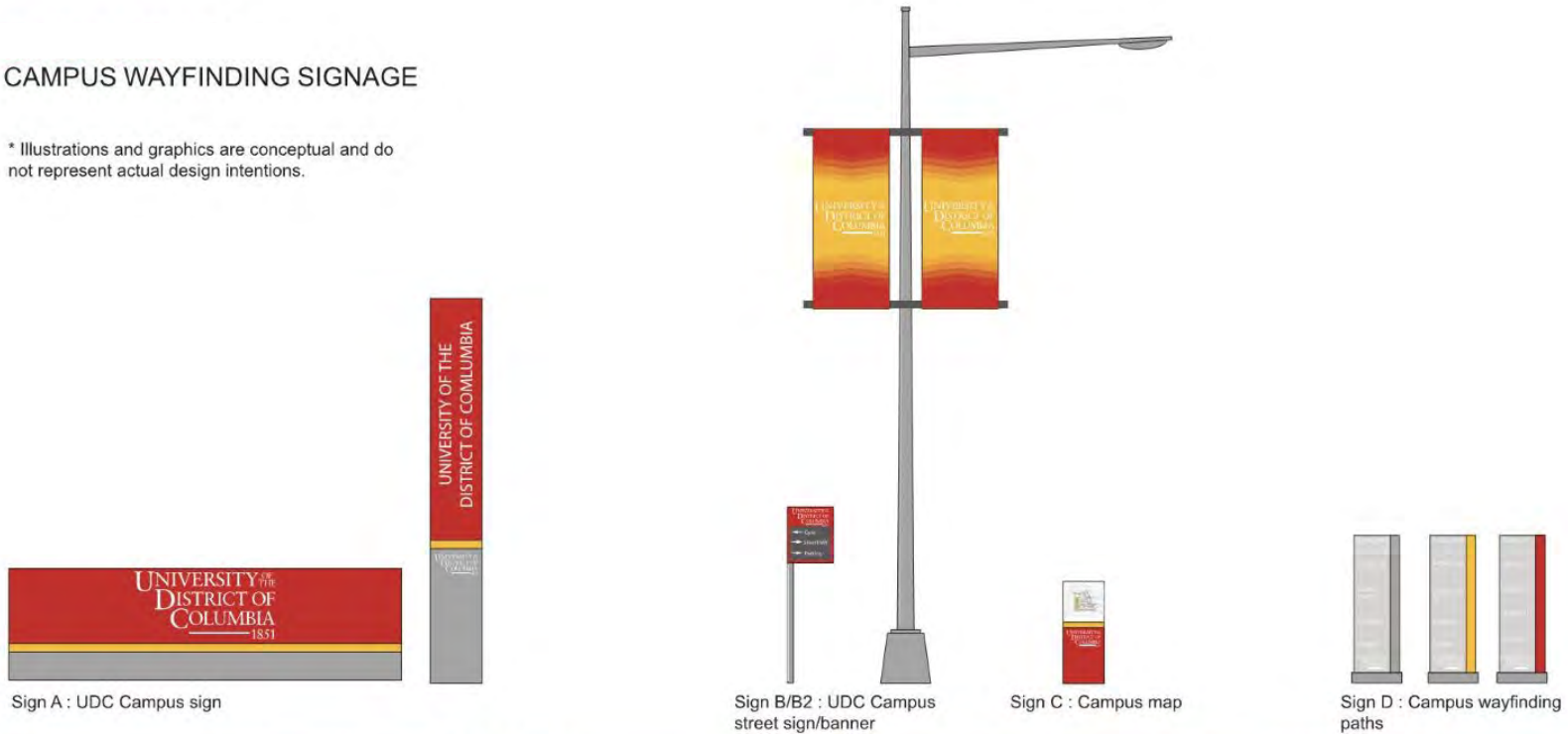
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Key Changes – Campus Character

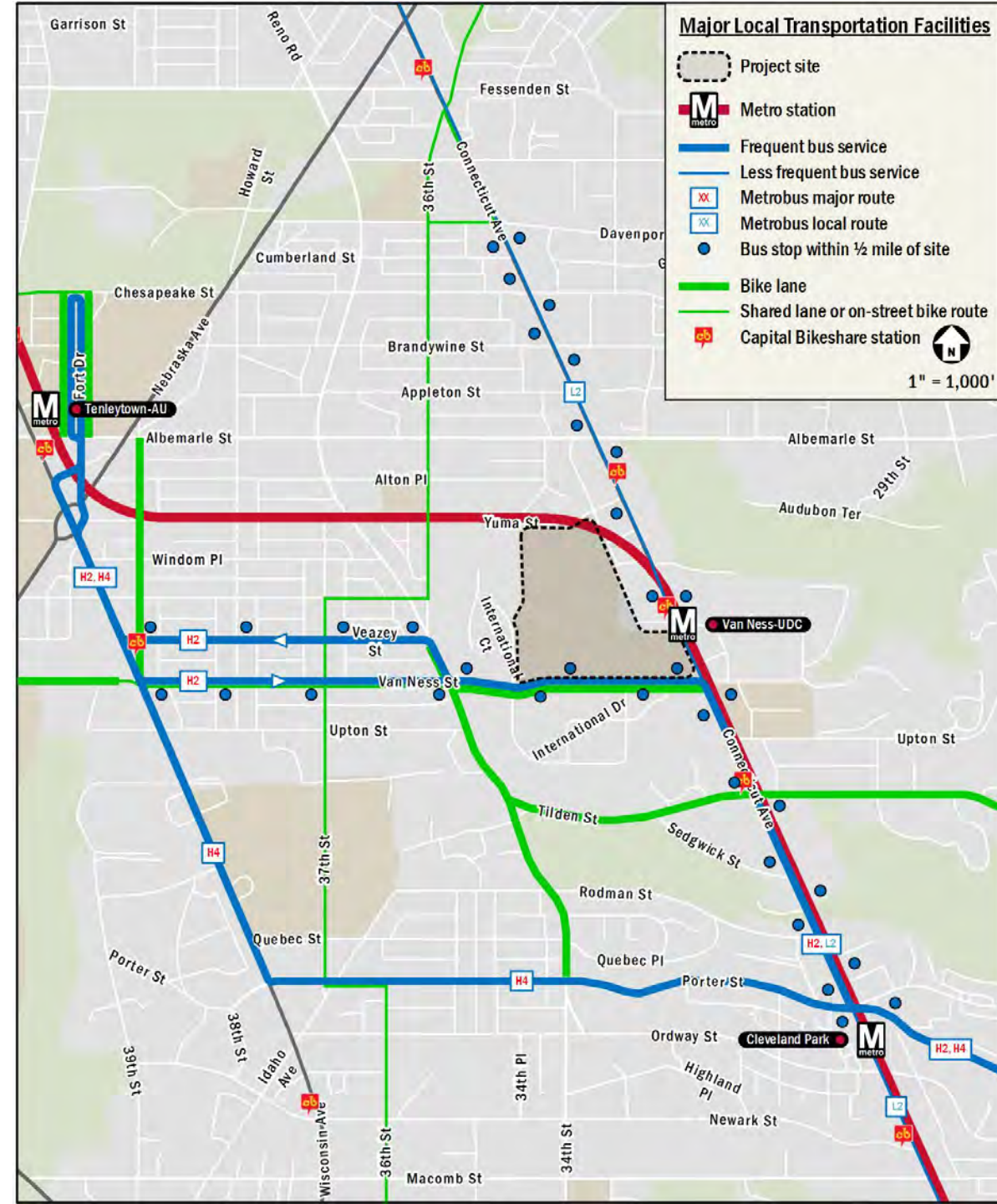
CAMPUS WAYFINDING SIGNAGE

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Site Location

- Metrorail (Red Line)
 - Van Ness-UDC Station (adjacent)
- Bus
 - Metrobus Major: H2, H4
 - Metrobus Local: L2
- Bicycle Facilities
 - Bike lanes on Van Ness, Tilden, Reno
 - Shared lanes/on-street routes west of campus
- Capital Bikeshare
 - 14-dock station adjacent to campus with Two more stations within ¼ mile

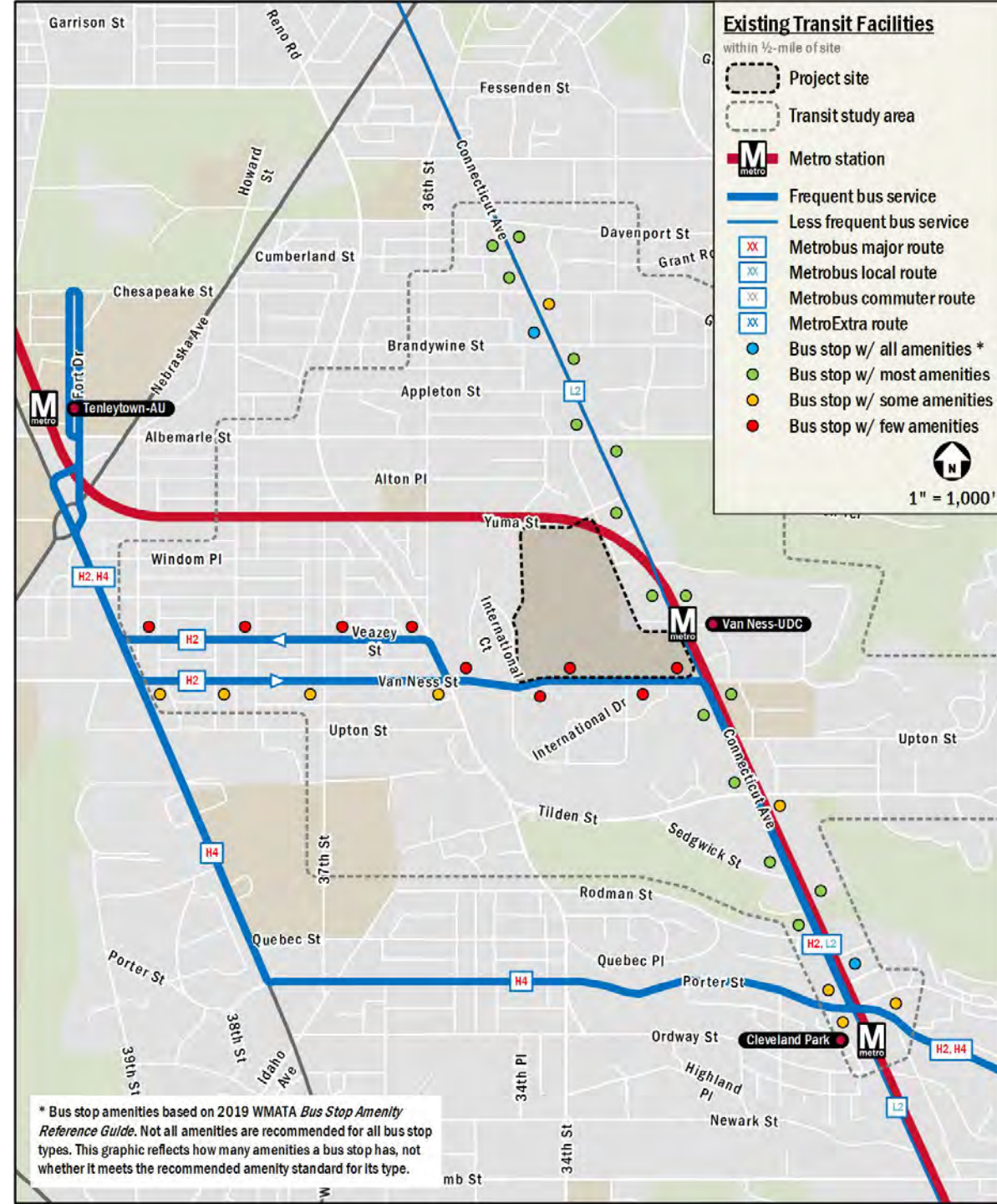


Campus Master Plan Transportation Strategy

- Enhance pedestrian safety
- Improve Campus circulation and connectivity
- Promote transit use
- Reduce automobile dependency

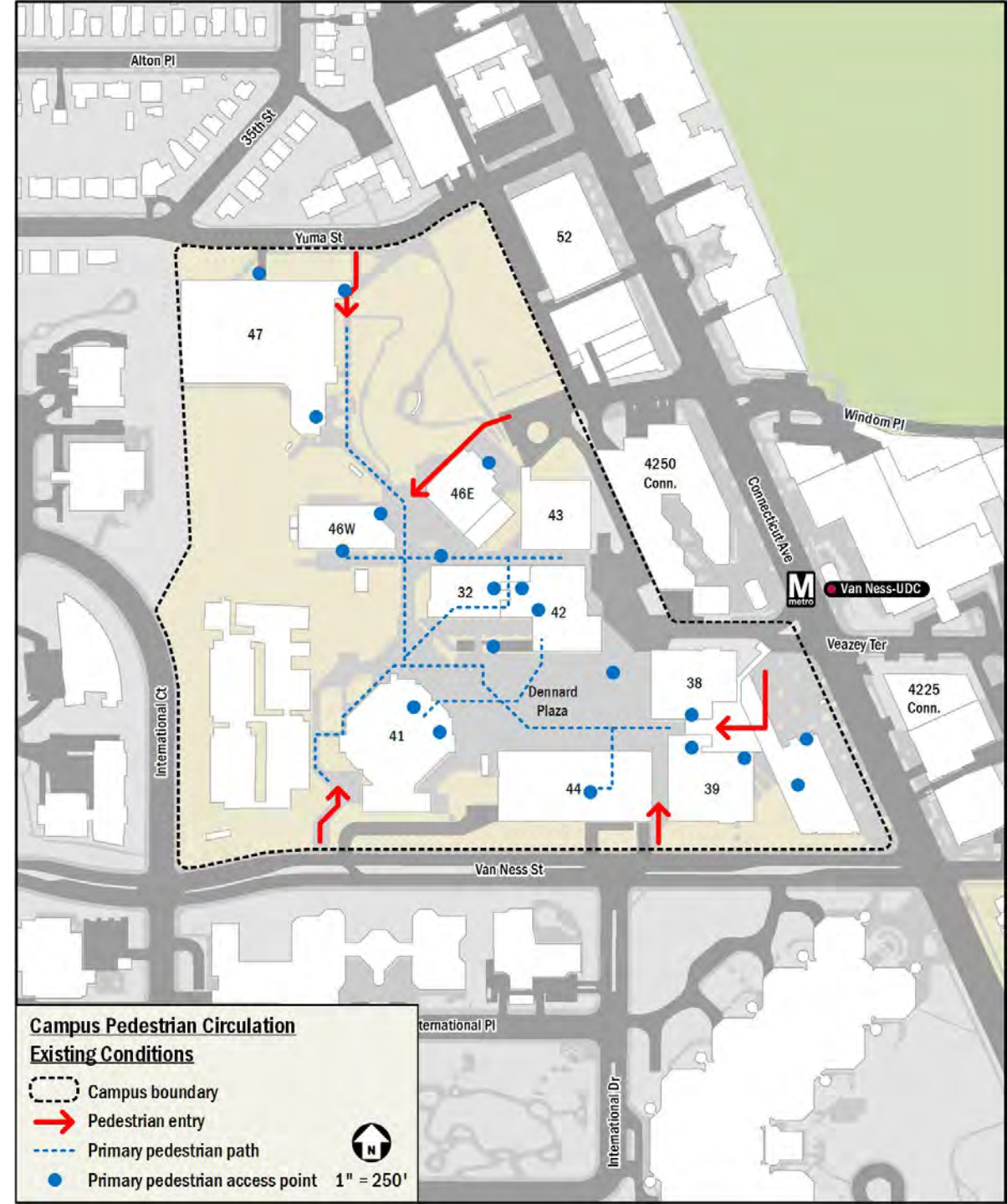
Transit Facilities

- Metrorail (Red Line)
 - Van Ness-UDC Station (adjacent)
- Bus
 - Metrobus Major: H2, H4
 - Metrobus Local: L2
- University Shuttle
- Campus Plan proposes
 - Improved connections to Van-Ness UDC Metrorail Station
 - Transportation Demand Management (TDM) plan will enroll students in U-Pass and continue offering/promoting WMATA Smartbenefits program for employees



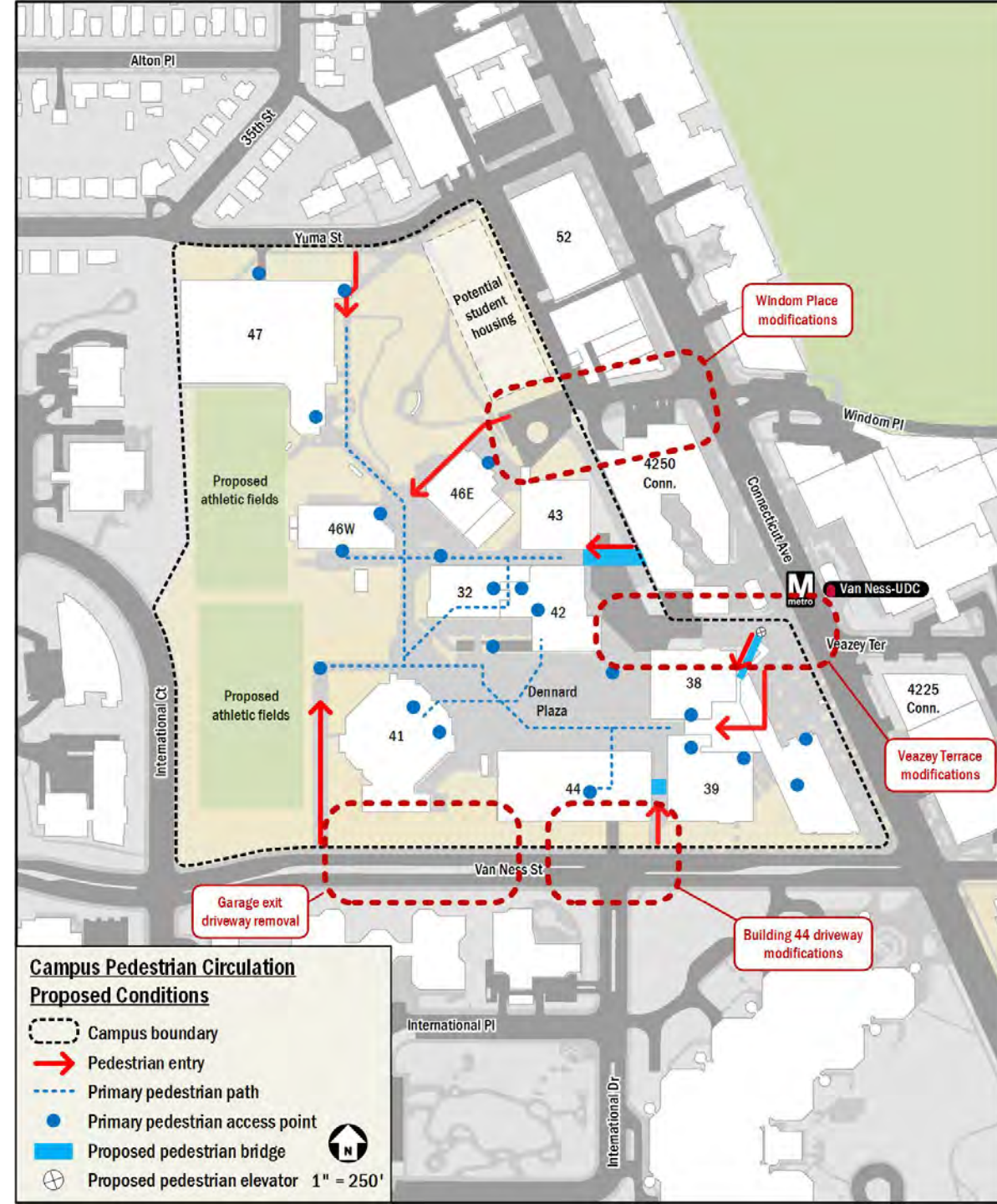
Pedestrian Facilities

- Existing conditions on campus
 - Key entrances at Yuma Street, Windom Place, Veazey Terrace, Van Ness Street
 - Dennard Plaza – “crossroads” at center of campus



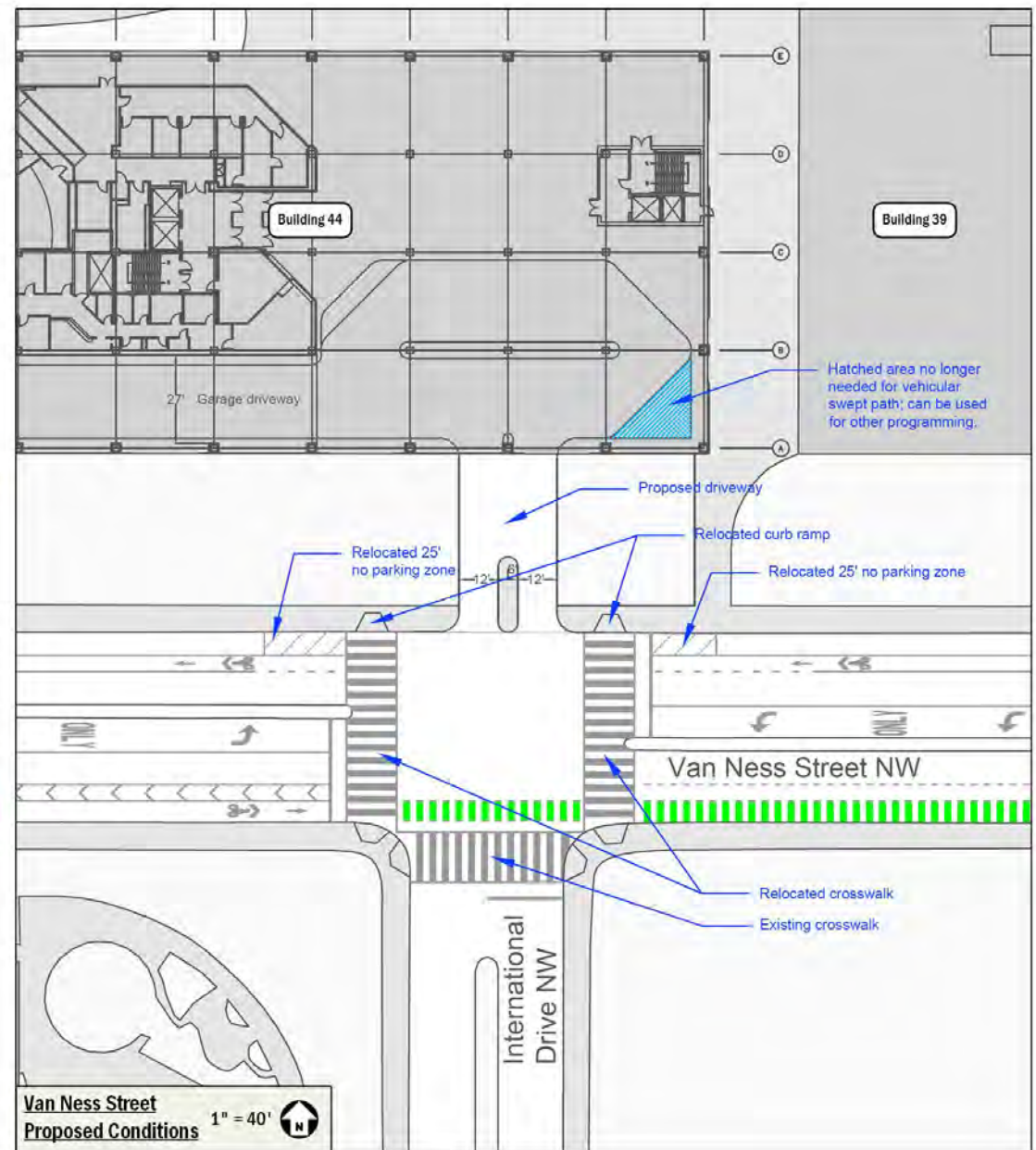
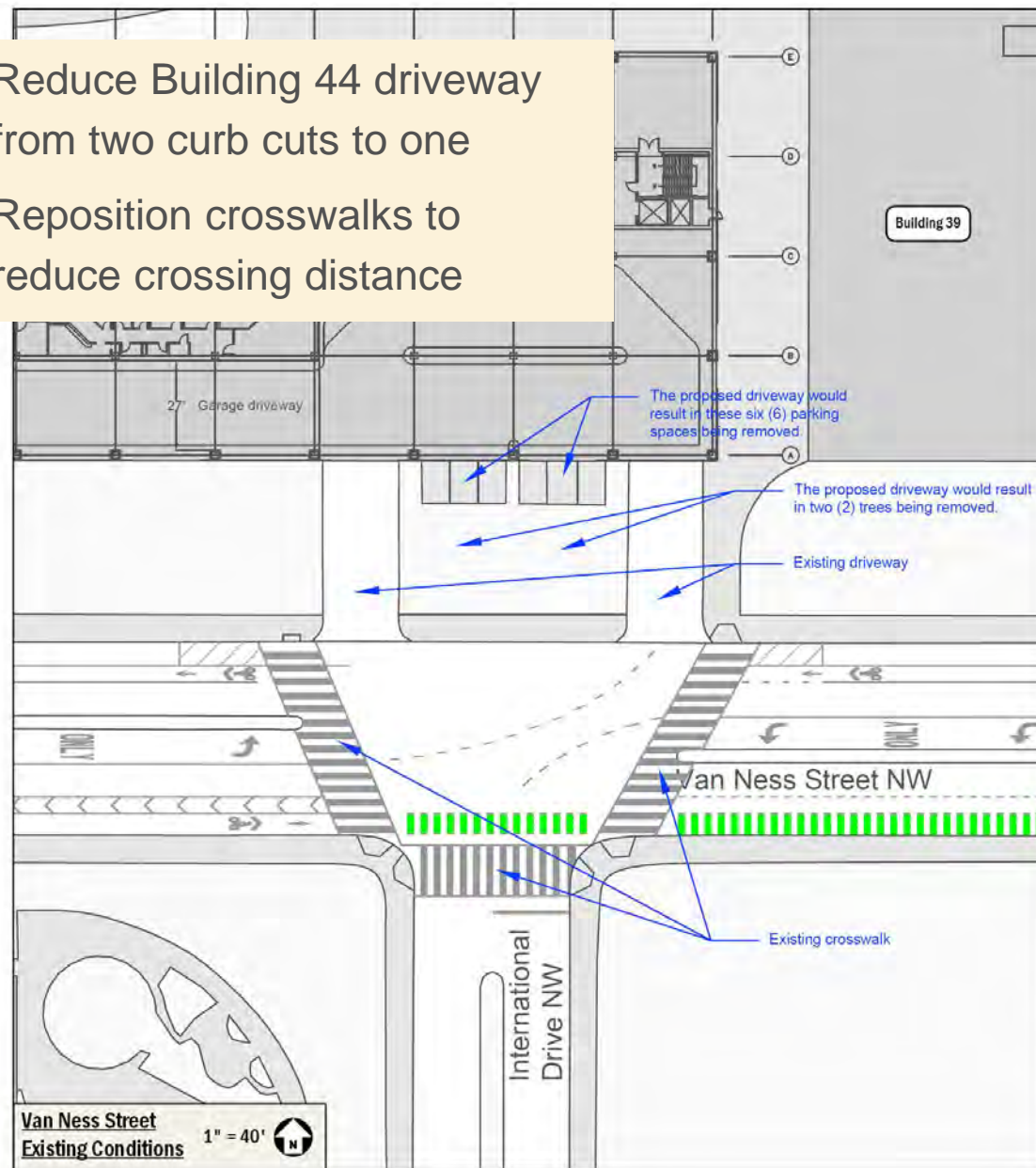
Pedestrian Facilities

- Campus Plan proposes
 - Improved pedestrian conditions at entrances
 - Van Ness Street
 - Veazey Terrace
 - Windom Place
 - Pedestrian bridges between campus buildings
 - Improved wayfinding signage

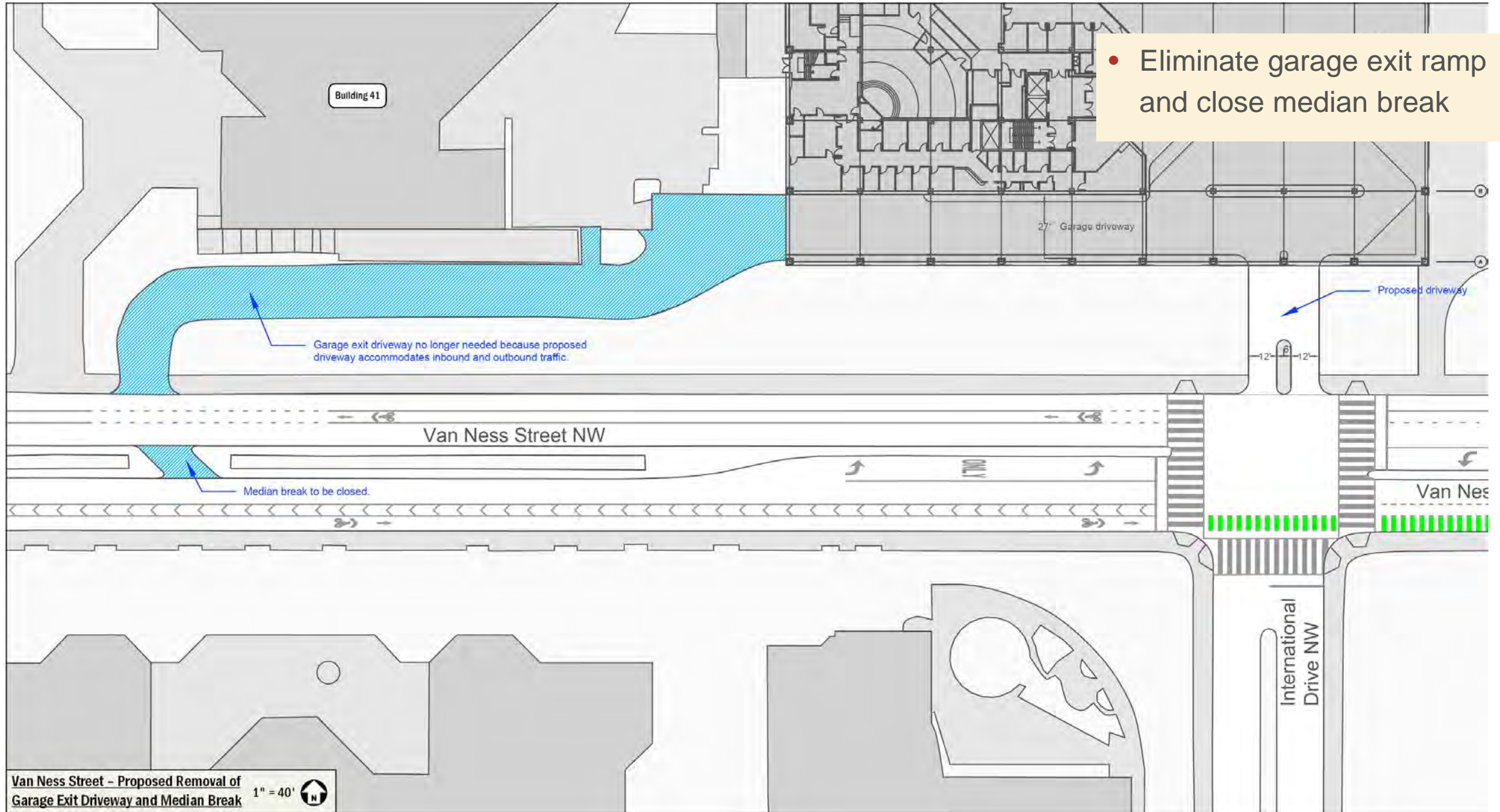


Van Ness Street Pedestrian Proposals

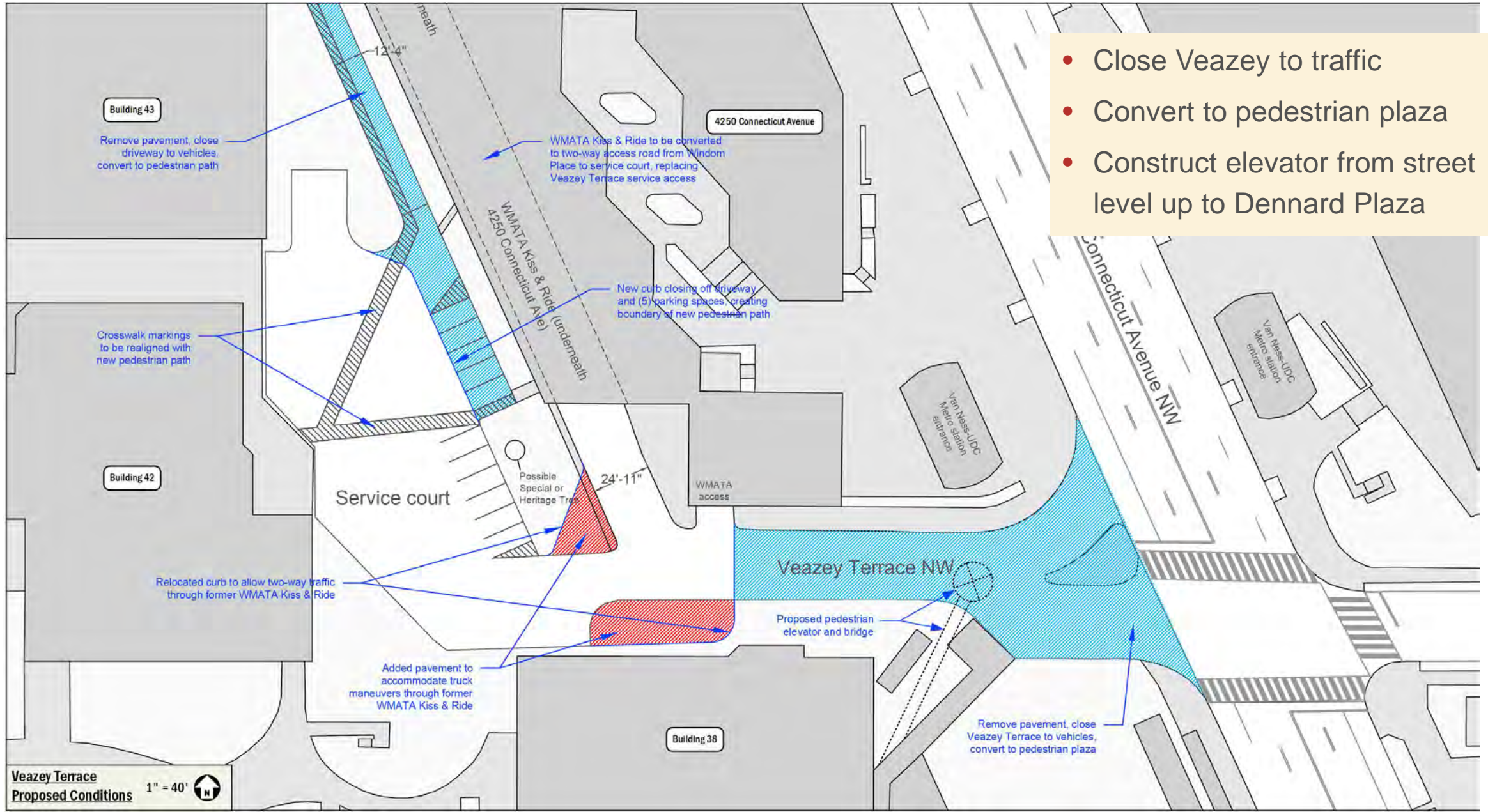
- Reduce Building 44 driveway from two curb cuts to one
- Reposition crosswalks to reduce crossing distance



Van Ness Street Pedestrian Proposals

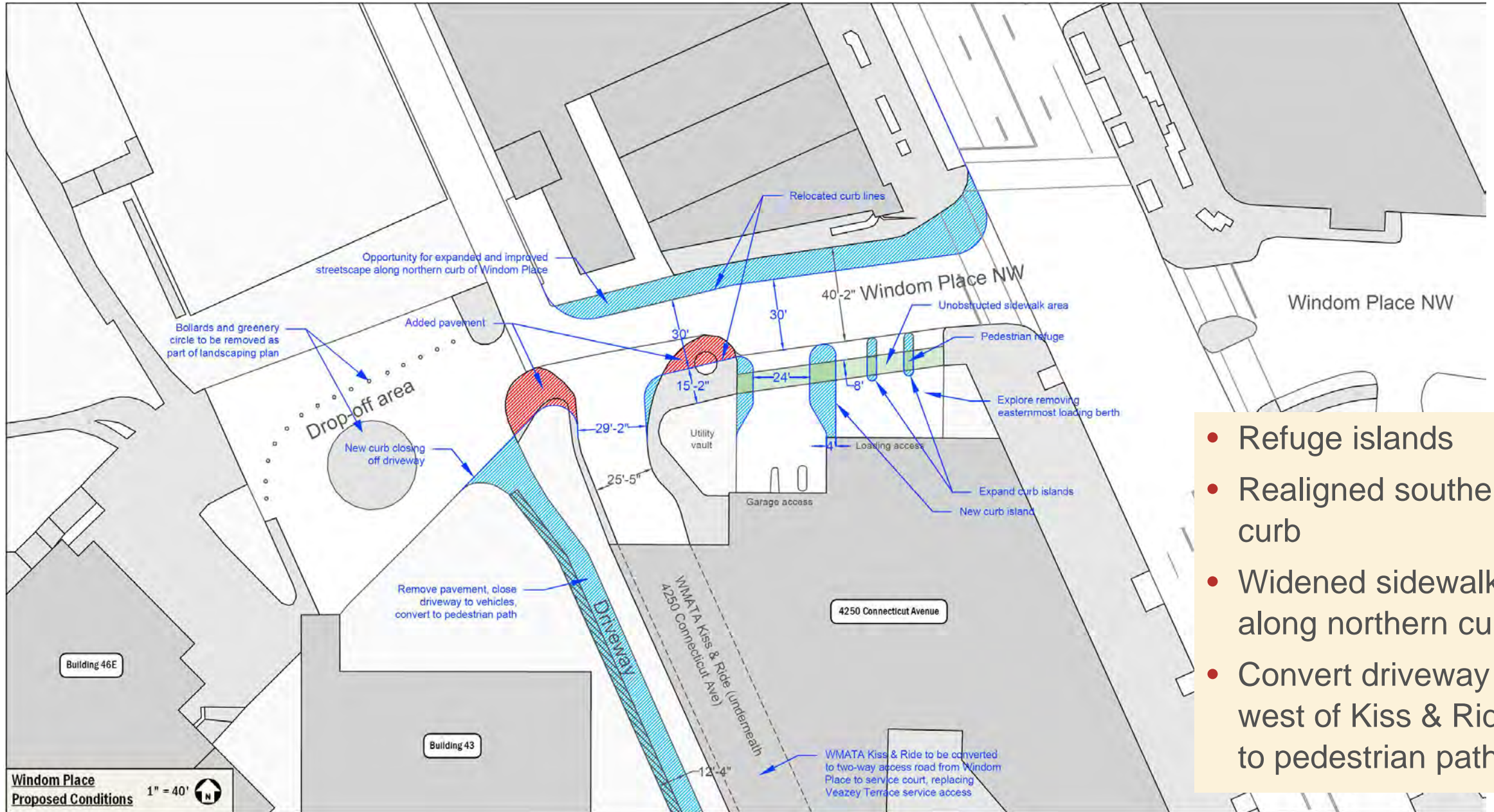


Veazey Terrace Pedestrian Proposals



- Close Veazey to traffic
- Convert to pedestrian plaza
- Construct elevator from street level up to Dennard Plaza

Windom Place Pedestrian Proposals



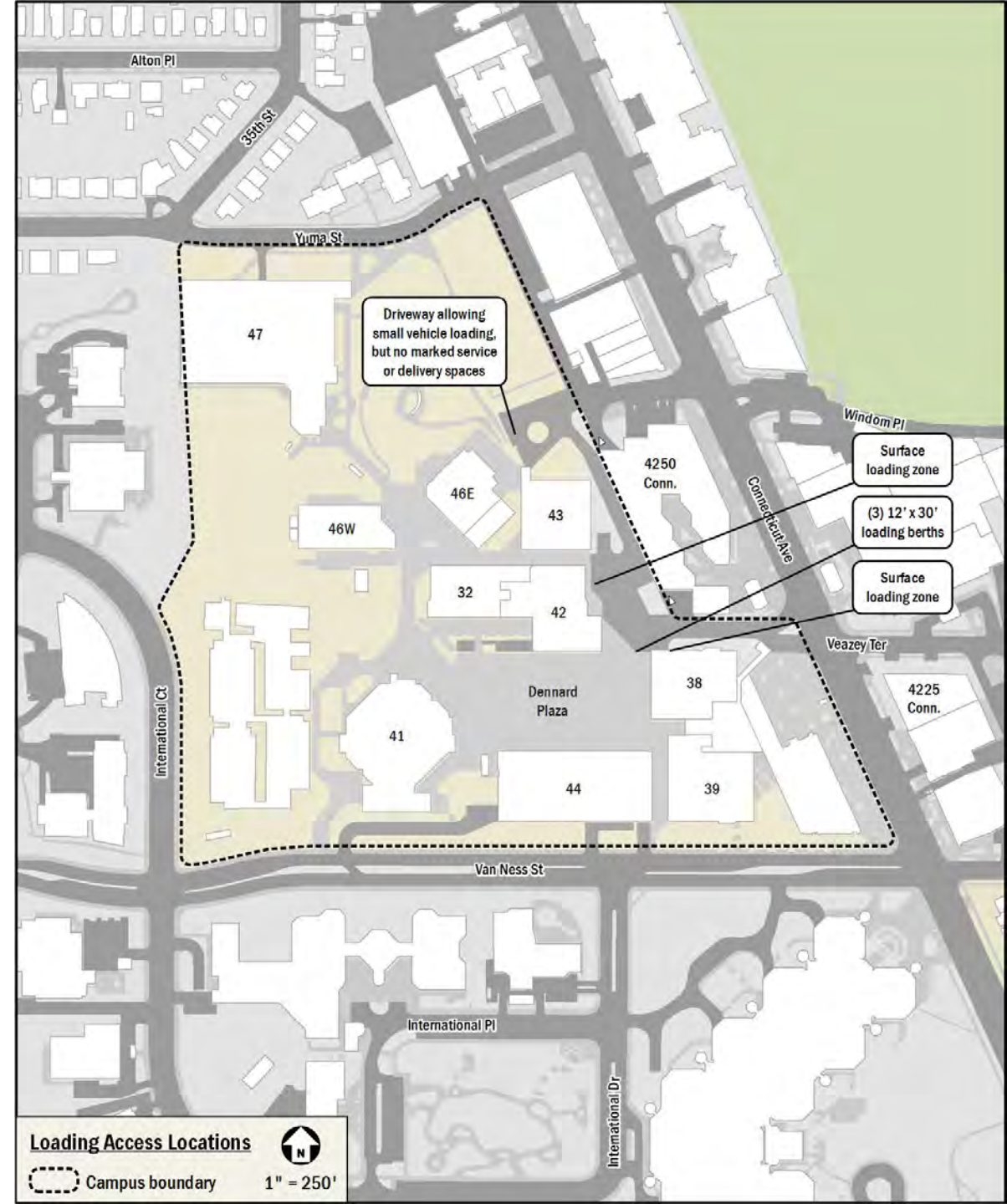
- Refuge islands
- Realigned southern curb
- Widened sidewalk along northern curb
- Convert driveway west of Kiss & Ride to pedestrian path

Parking

- Vehicle Parking
 - Minimal reduction in proposed vehicular parking supply
 - 837 existing vs 836 proposed
 - Parking-related Transportation Demand Management (TDM)
- Bicycle Parking
 - Short Term: 75 existing on-campus spaces, 46 existing spaces adjacent to campus
 - Long-Term: no existing spaces; to be provided in a central location in future
 - TDM to enhance ease and comfort of bicycling to and from the Van Ness campus

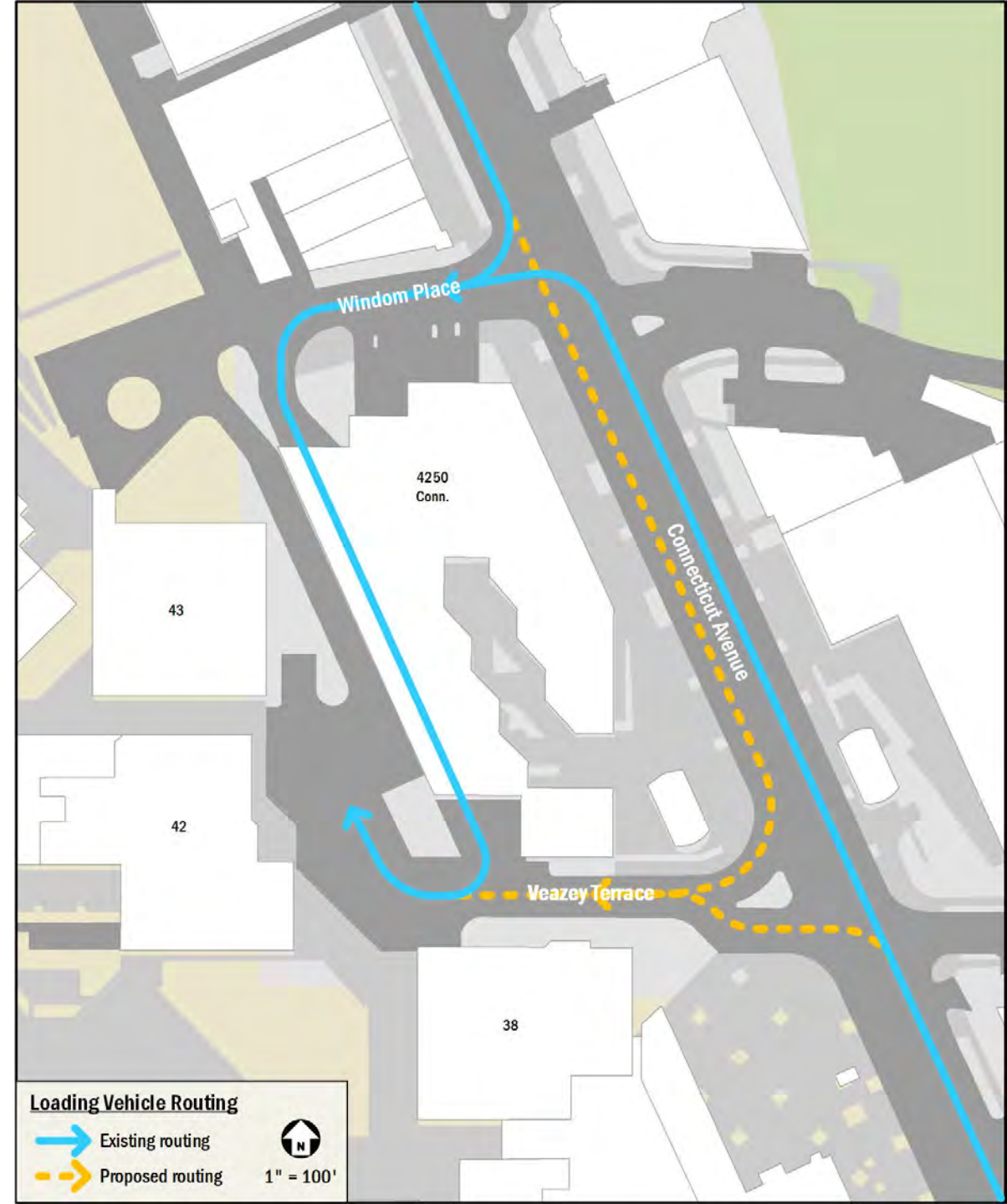
Loading

- All existing loading facilities to remain
- Loading access to the Veazey Terrace service court would be modified by some Campus Plan proposals (e.g. closing Veazey to vehicles, realigning curbs along Windom Place)



Loading

- Truck maneuvering analysis has demonstrated all existing loading procedures are still possible under proposed arrangements



Transportation Demand Management (TDM)

- TDM Coordinator
- TDM marketing program
- Work with and coordinate with goDCgo (DDOT's TDM program)
- Students automatically enrolled in U-Pass
- Provide TDM materials to students and employees
- Annual Performance Monitoring Plan
- Monitoring and adjusting parking rates
- Parking space cap
- Improved pedestrian facilities along campus boundary
- Improved pedestrian facilities connecting to Metrorail

DDOT Coordination

- Comprehensive Transportation Review (CTR)
 - Scoping document finalized November 21, 2020
 - CTR submitted March 22, 2021
- DDOT no objection with conditions
 - Annual Performance Monitoring Plan – agree
 - Continual coordination on access modifications and improvements – agree
 - Provision of long- and short-term bicycle parking after renovations and further processing – agree
 - Establishing a parking cap of 836 spaces – agree
 - Increase parking rates – agree to annually report and review rates with DDOT as part of PMP
 - Capital Bikeshare memberships to students – agree to participate in University Membership program

OP Conditions

- Maximum student enrollment and faculty shall be accepted at the proposed 7,000 students and 450 faculty
- 2020-2029 Campus Plan shall be valid for a period of 10 years
- Hours of operation for the tennis court are restricted to 7am to sunset everyday, with the exception that the tennis courts hours of operation can be extended to 10pm in situations where a tournament is delayed due to inclement weather
- The University shall be permitted to lease up to 100 units within 1 mile of campus



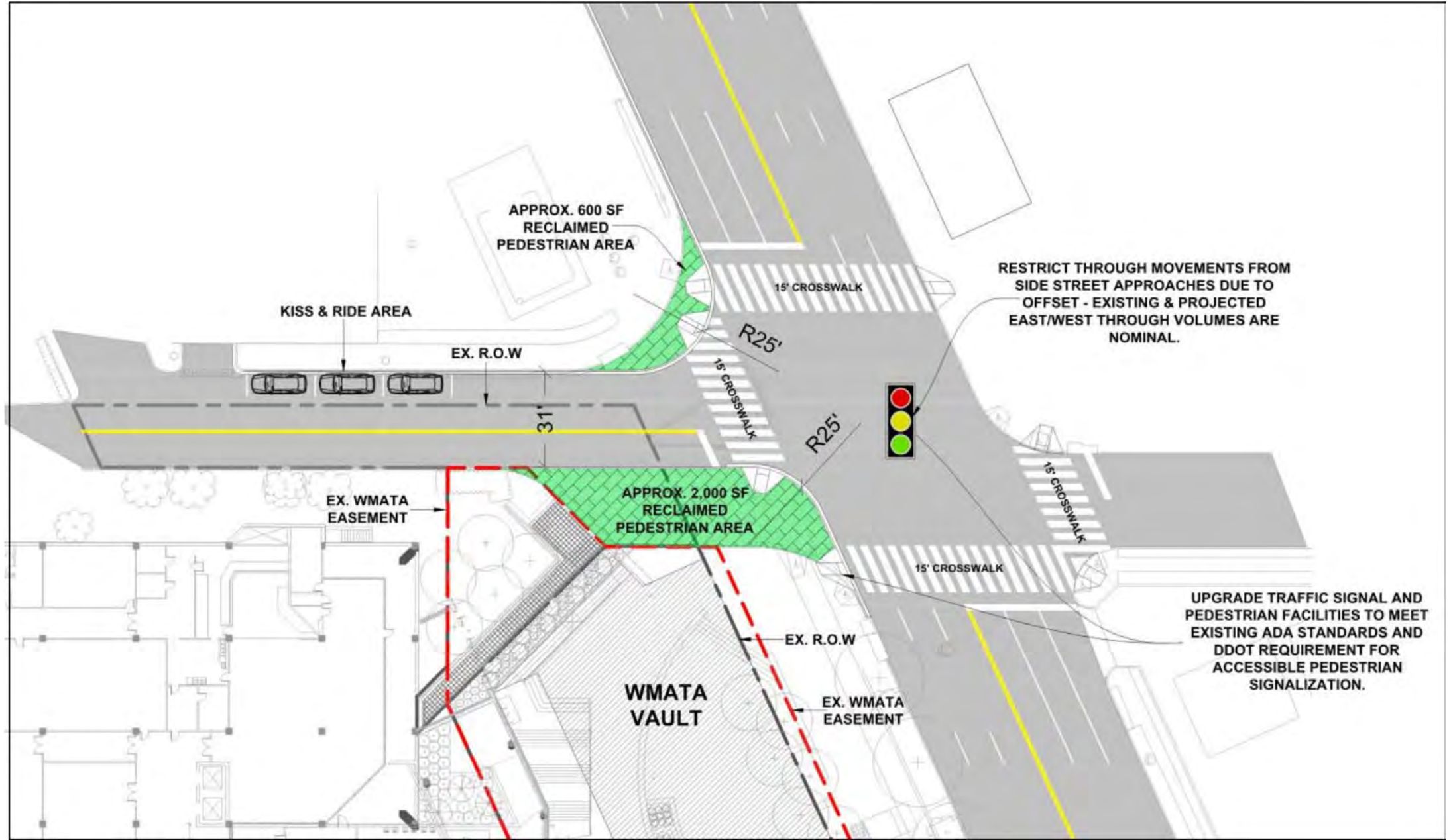
Thank You

2020 Campus Master Plan

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Backup Slides

Veazey Terrace Alternative B



Parking – Off-street Supply

- Reduction from 837 to 836 off-street UDC-controlled spaces
- 5 spaces removed from Veazey Terrace service court
- All spaces removed from Building 44 driveway
- UDC to stop using spaces in Days Inn lot
- UDC to begin using up to 50 spaces in 4250 Connecticut Ave garage (recently acquired by UDC)
 - Other spaces in 4250 garage to remain public

Location	Quantity	
	Existing	Proposed
UDC Garage	715	715
Building 52	65	65
UDC-controlled Days Inn lot	40	-
4250 Connecticut Avenue	-	50
Service court	11	6
Building 44 driveway	6	0
Total	837	836

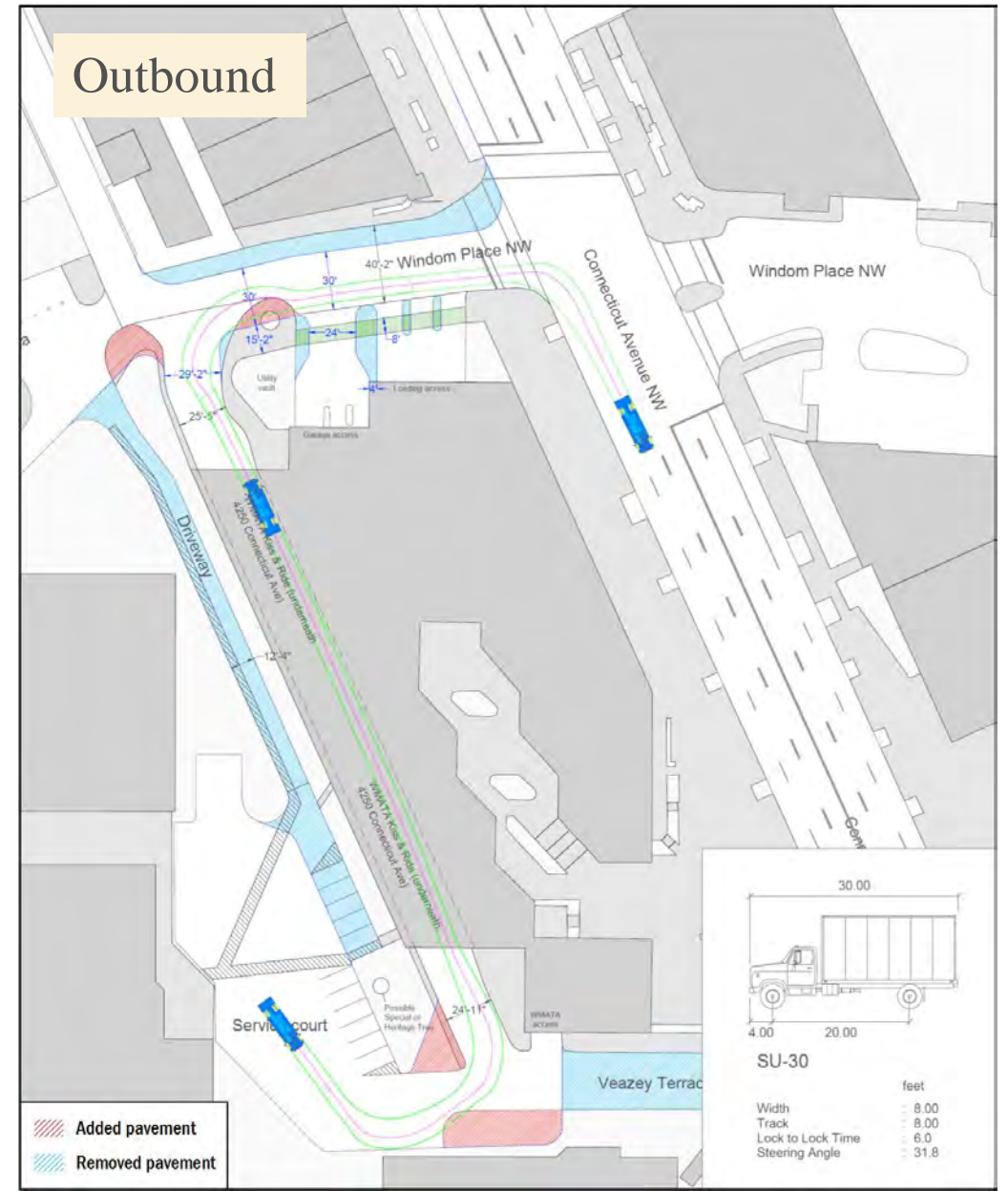
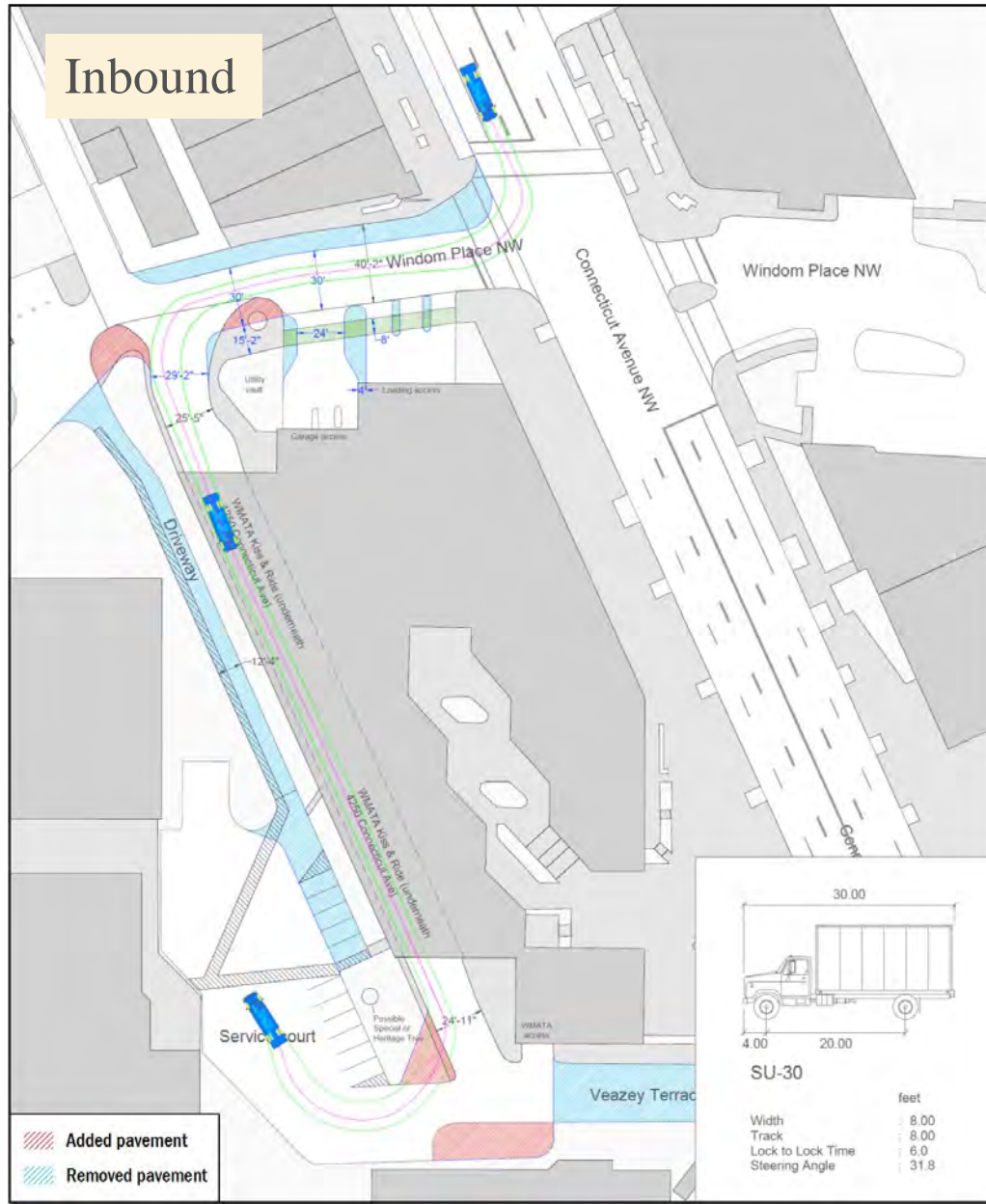
Parking – UDC Permits

Classification	One Semester	Fall and Spring	Fall, Spring, and Summer	First Summer Term	Second Summer Term	Both Summer Terms
Student	\$75	-	-	\$25	\$25	\$50
Staff	\$150	\$300	\$375	-	-	\$75
Faculty	\$150	\$300	\$375	\$40	\$35	\$75
Reserved	\$175	\$350	\$425	-	-	\$75

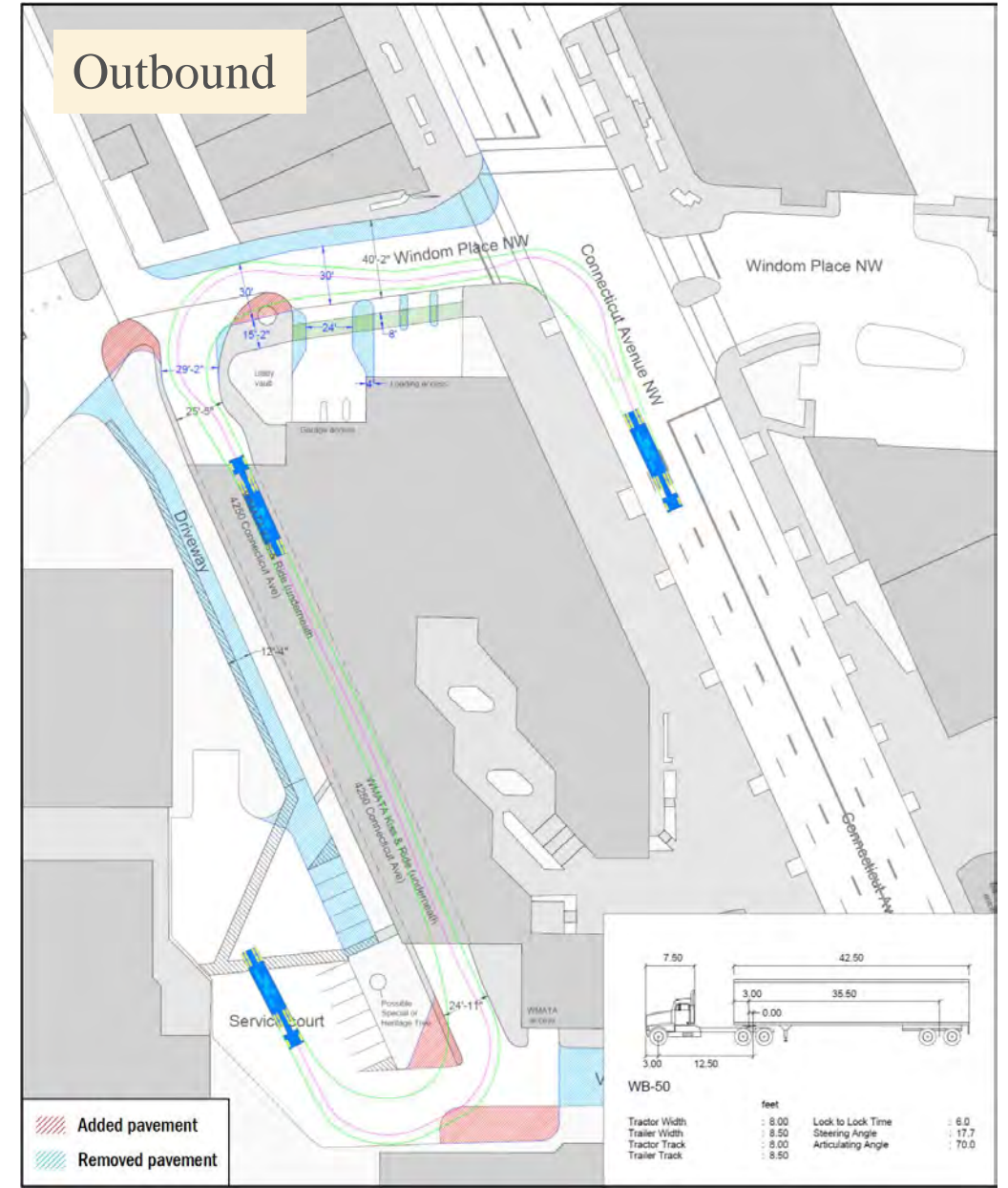
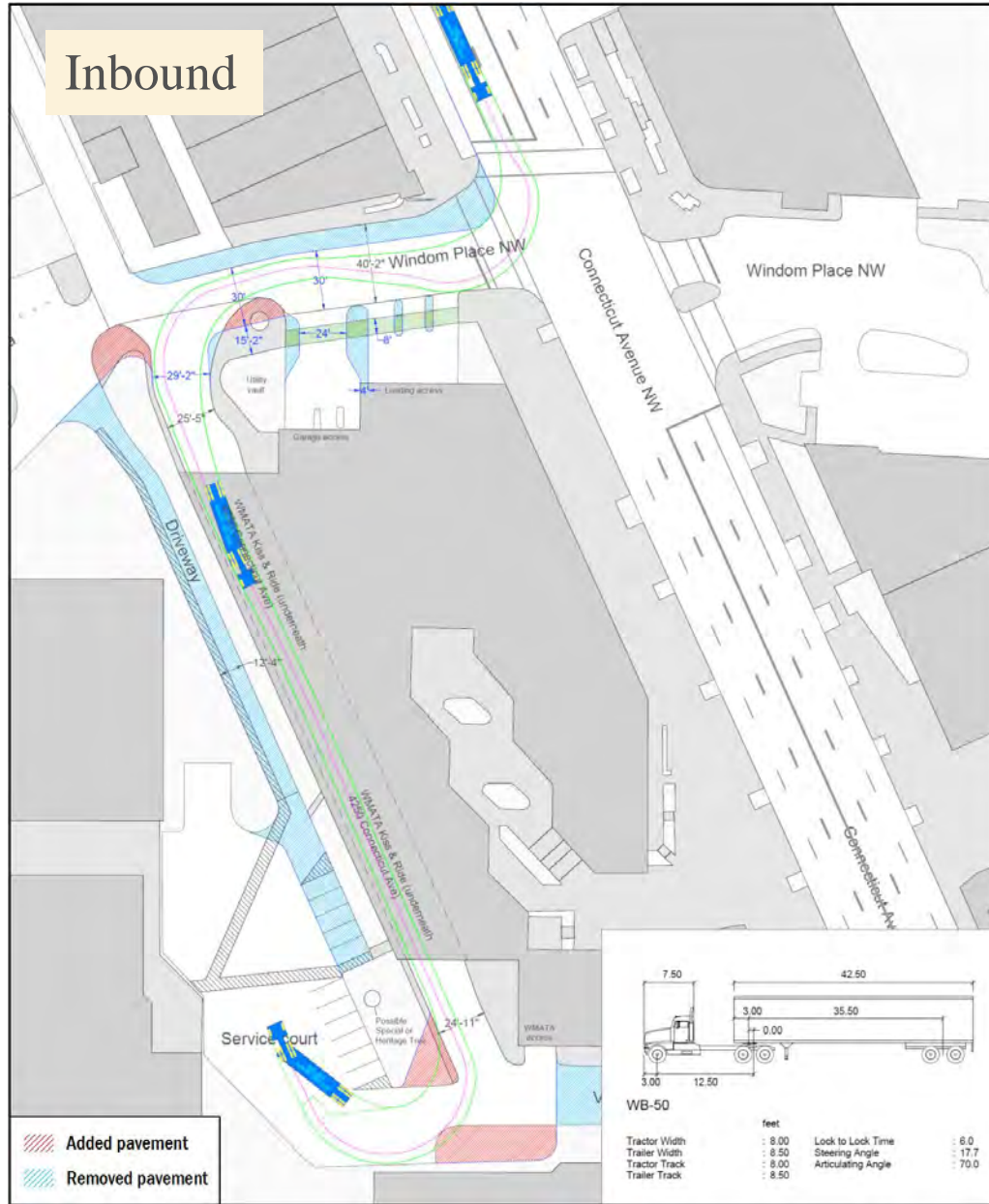
Parking – UDC Daily Rates

Duration	Public	UDC students, faculty, and staff
0 - 30 minutes	Free	Free
30 minutes - 1 hour	\$5	\$4
1 - 3 hours	\$8	\$4
3 - 6 hours	\$12	\$4
6 - 24 hours	\$20	\$4

SU-30 Truck Maneuvering Diagrams



WB-50 Truck Maneuvering Diagrams



Transportation Demand Management (TDM) Plan Elements

- TDM Coordinator
- WMATA U-Pass
- Adjust parking rates (UDC and public)
- Provide carpooling information to employees
- Designate 2 preferential carpool/vanpool spaces in garage
- Seek placement of car-share spaces within or near campus consistent with demand
- Designate 2 preferential parking spaces for alternative fuel vehicles
- Provide 2 electric vehicles charging stations
- Promote WMATA Smartbenefits program for employees
- Provide info about bicycle riding
- Incorporate bicycle parking into new buildings and new residence halls
- Consider adding short-term bicycle parking outside existing buildings
- Promote Capital Bikeshare station on campus
- Reserve space for potential future Capital Bikeshare station
- Make shower and changing facilities available
- Offer bicycle commuting benefits
- Promote alternative transportation options and events (e.g. Bike to Work Day)