



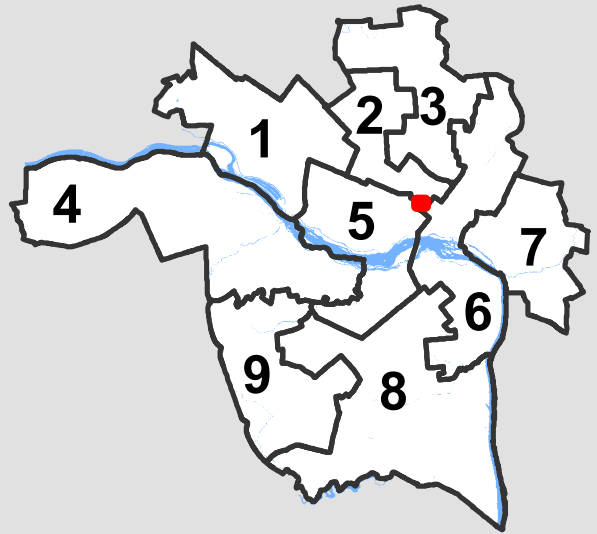
# City of Richmond Department of Planning & Development Review

## Location, Character, and Extent

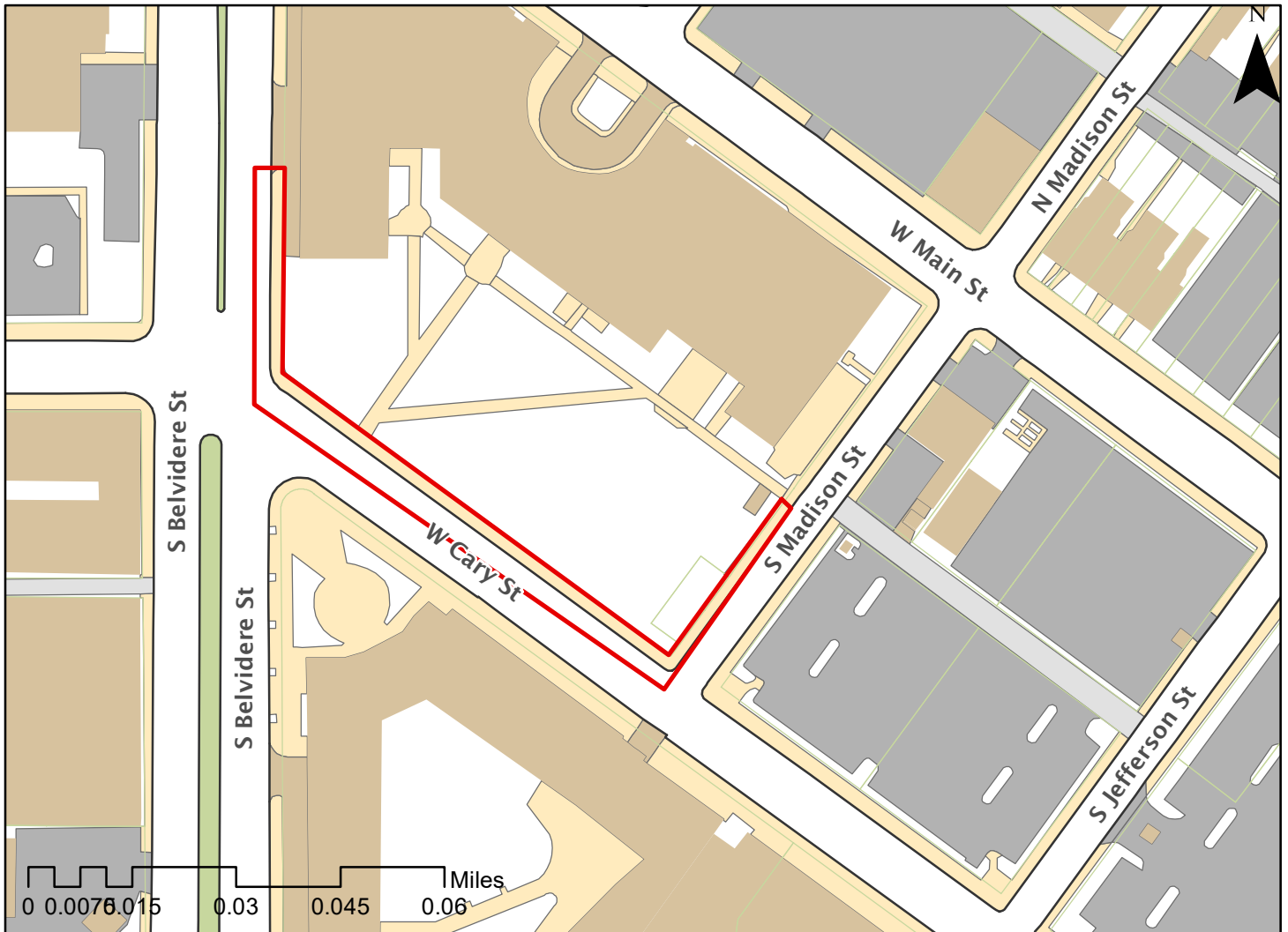
**LOCATION:** 601 W. Main St.

**COUNCIL DISTRICT:** 2

**PROPOSAL:** Final review of modifications to approved plans of streetscape encroachments into the City right-of-way along W. Cary St. between S. Belvidere and S. Madison Streets.



*For questions, please contact Josh Son  
at 646-3741 or [joshua.son@richmondgov.com](mailto:joshua.son@richmondgov.com)*





## Application for URBAN DESIGN COMMITTEE Review

Department of Planning and Development Review  
Planning & Preservation Division  
900 E. Broad Street, Room 510  
Richmond, Virginia 23219  
(804) 646-6335

<http://www.richmondgov.com/CommitteeUrbanDesign>

### Application Type

- Addition/Alteration to Existing Structure  
 New Construction  
 Streetscape  
 Site Amenity

- Encroachment  
 Master Plan  
 Sign  
 Other

### Review Type

- Conceptual  
 Final

Project Name: VCU School of Engineering - Engineering Research Building (ERB)

Project Address: 601 W Main Street Richmond, VA 23220

Brief Project Description (this is not a replacement for the required detailed narrative) : \_\_\_\_\_

This project was submitted and approved during the March UDC meeting; however, since then, the site plan has been revised. Please review hardscape changes and cobra head light relocation.

### Applicant Information

(on all applications other than encroachments, a City agency representative must be the applicant)

Name: Keith Van Inwegen Email: kvaninwegen@vcu.edu

City Agency: VCU Planning and Design Phone: (804) 828-1204

Address: 700 West Grace Street Suite 1500 Richmond, VA 23284

Main Contact (if different from Applicant): \_\_\_\_\_

Company: \_\_\_\_\_ Phone: \_\_\_\_\_

Email: \_\_\_\_\_

### Submittal Deadlines

All applications and support materials must be filed no later than 21 days prior to the scheduled meeting of the Urban Design Committee (UDC). Please see the schedule on page 3 as actual deadlines are adjusted due to City holidays. **Late or incomplete submissions will be deferred to the next meeting.**

### Filing

Applications can be mailed or delivered to the attention of "Urban Design Committee" at the address listed at the top of this page. **It is important that the applicant discuss the proposal with appropriate City agencies, Zoning Administration staff, and area civic associations and residents prior to filing the application with the UDC.**

### UDC Background

The UDC is a ten member committee created by City Council in 1968 whose purpose is to advise the City Planning Commission on the design of projects on City property or right-of-way. The UDC provides advice of an aesthetic nature in connection with the performance of the duties of the Commission under Sections 17.05, 17.06 and 17.07 of the City Charter. The UDC also advises the Department of Public Works in regards to private encroachments in the public right-of-way.



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### Submission Requirements

- 10 copies of the application cover sheet and all support materials (see below), unless the application is for an encroachment, in which case only 6 copies are required. Plan sheets should be 11" x 17", folded to 8 1/2" x 11". If it is not possible to scale plans to these dimensions, please provide one set of larger, scaled plans.
- An electronic copy (PDF preferred) of all application materials, which can be burned to disc, emailed, or delivered by FTP.

All applications must include the attached cover sheet and the following support materials, as applicable to the project:

#### For Conceptual Review

- A detailed project narrative which includes the following: purpose of the project, project background, project budget and funding sources, description of construction program and estimated construction start date (description should also provide information on the surrounding area to provide context).
- A site plan for the project indicating site characteristics which include: building footprints, parking areas, pedestrian routes, recreation areas, open areas and areas of future expansion.
- A set of floor plans and elevations, as detailed as possible.
- A landscaping plan which shows the general location and character of plant materials and notes any existing tree to be removed.

#### For Final Review

- A detailed project narrative which includes the following: purpose of the project, project background, project budget and funding sources, description of construction program and estimated construction start date (description should also provide information on the surrounding area to provide context).
- A site plan for the project indicating site characteristics which include: building footprints, parking areas, pedestrian routes, recreation areas, open areas and areas of future expansion.
- A set of floor plans and elevations, as detailed as possible.
- A landscaping plan that includes a complete plant schedule, the precise location of all plant materials, and a landscape maintenance analysis. The plant schedule must show number, size and type of each planting proposed. If existing trees are to be removed, their size, type and location must be noted on the landscape plan.
- The location of all lighting units should be noted on a site plan, including wall-mounted, site and parking lot lighting. Other site details, such as benches, trash containers and special paving materials, should also be located. Include specification sheets for each item.
- Samples of all proposed exterior building materials, including but not limited to brick, mortar, shingles, siding, glass, paint and stain colors. When an actual sample cannot be provided, a product information sheet that shows the item or a photo of an existing item may be substituted.

### Review and Processing

Once an application is received, it is reviewed by staff, who compiles a report that is sent to the UDC. A copy of the report and the meeting agenda will be sent to the applicant prior to the meeting. The applicant or a representative should be present at the UDC meeting or the application may be deferred to the next regularly scheduled meeting. It is also strongly suggested that a representative of the City Agency which will have final responsibility for the item be present at the meeting (if the applicant and the representative are not the same). Once the UDC recommends action on the application, it is automatically placed on the agenda for the next City Planning Commission (CPC) meeting. An exception to this is encroachment applications, recommendations for which are forwarded to the Department of Public Works. The applicant or a representative must be present at the CPC meeting or the application may be deferred to the next regularly scheduled meeting.

# CITY OF RICHMOND URBAN DESIGN COMMITTEE (UDC)

## MEETING SCHEDULE

UDC Meetings	UDC Submission Deadlines	Anticipated Date of Planning Commission Following the UDC Meeting
December 7, 2017	November 9, 2017	December 18, 2017
January 4, 2018	December 7, 2017**	January 16, 2018 <sup>1</sup>
February 8, 2018	January 18, 2018	February 20, 2018 <sup>2</sup>
March 8, 2018	February 15, 2018	March 19, 2018
April 5, 2018	March 15, 2018	April 16, 2018
May 10, 2018	April 19, 2018	May 21, 2018
June 7, 2018	May 17, 2018	June 18, 2018
July 5, 2018	June 14, 2018	July 16, 2018
August 9, 2018	July 19, 2018	August 20, 2018 <sup>3</sup>
September 6, 2018	August 16, 2018	September 17, 2018
October 4, 2018	September 13, 2018	October 15, 2018
November 8, 2018	October 18, 2018	November 19, 2018
December 6, 2018	November 15, 2018*	December 17, 2018 <sup>4</sup>

<sup>1</sup> Monday, January 15, 2018 is a City of Richmond Holiday.

<sup>2</sup> Monday, February 19, 2018 is a City of Richmond Holiday.

<sup>3</sup> This August CPC Meeting may be canceled. If so, Planning Commission hearing would be Tuesday, September 4, 2018.

<sup>4</sup> This December CPC Meeting may be canceled. If so, Planning Commission hearing would be Monday, January 7, 2019.

\*\* Moved forward to account for Winter Holiday Schedule

The Richmond Urban Design Committee (UDC) is a ten member advisory committee created by City Council in 1968. Its purpose is to advise the City Planning Commission on the design of City projects. The UDC reviews projects for appropriateness in "location, character and extent" and for consistency with the City's Master Plan and forwards recommendations to the Planning Commission. The UDC also advises the Department of Public Works in regards to private encroachments in the public right-of-way.

Regular meetings are scheduled for the Thursday after the first Monday of each month at 10:00 a.m. in the 5<sup>th</sup> floor conference room of City Hall. Special meetings are scheduled as needed.

**For additional information, please contact the Planning and Preservation Division staff at (804) 646-3741 or [joshua.son@richmondgov.com](mailto:joshua.son@richmondgov.com).**

# ENGINEERING RESEARCH BUILDING

URBAN DESIGN COMMITTEE SUBMISSION

JUNE 7, 2018

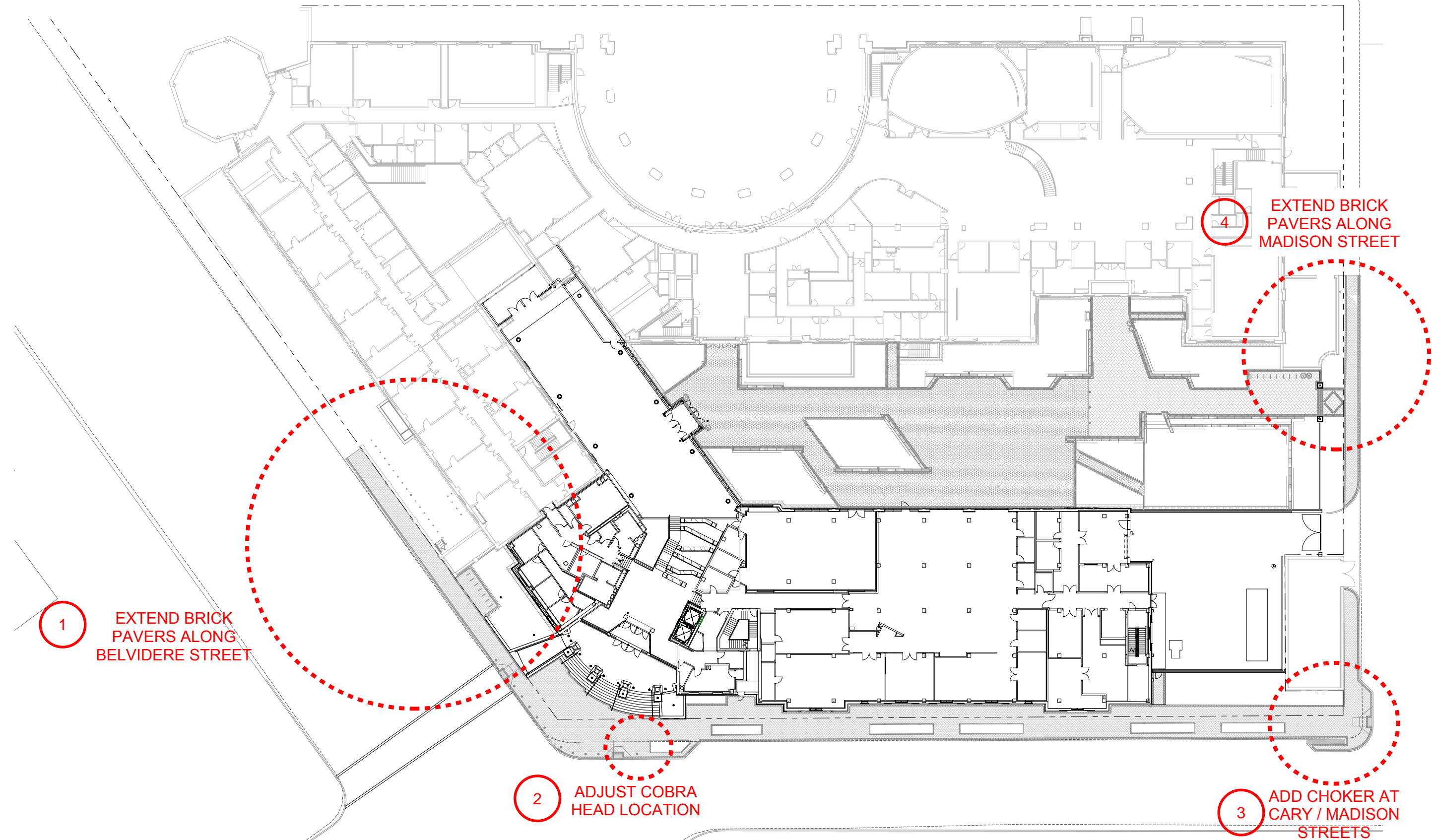
# SITE CONTEXT

Virginia Commonwealth University is planning a new Engineering Research Building (ERB). The building will be located on the Monroe Park Campus adjacent to the current School of Engineering (SoEgr) buildings. Due to successful expansion of the School to date and planned growth in research funding, the need for the new space is immediate. The current SoEgr facilities will reach maximum use no later than 2017; therefore, an additional adjacent facility is critical to enable the school to meet the University's Master Plan objectives. The primary focus of the ERB will be research and economic development.

The project site is bound by Belvidere Street, Cary Street and Madison Street. At the corner of Belvidere and Cary Street a curb bump out will be added for pedestrian safety. The streetscape will utilize the VCU campus standards to create a unified look that ties the campus together. The VCU campus standard brick paver will be used along the sidewalks and leading into the courtyard. Where possible the light fixtures will be protected during construction. Along Cary Street, the streetlights will be replaced with the VCU campus standard spaced between the new tree trenches to provide adequate light coverage and prevent blockage from trees. The cobra head light at the corner of Belvidere and Cary Street will be moved out to the edge of the new curb bump out. The street trees along Cary Street are located too close to the construction zone for the new building and will have to be replaced. New tree trenches will be installed along the street to give the street tree root zone room to expand under the pavement. The tree trenches have been strategically placed along Cary Street to reduce dangerous mid-block crossing by students. The selected native street trees have been selected for their ability to thrive in tough conditions. A combination of grasses and irises will provide a "green" mulch cover in the tree trenches.

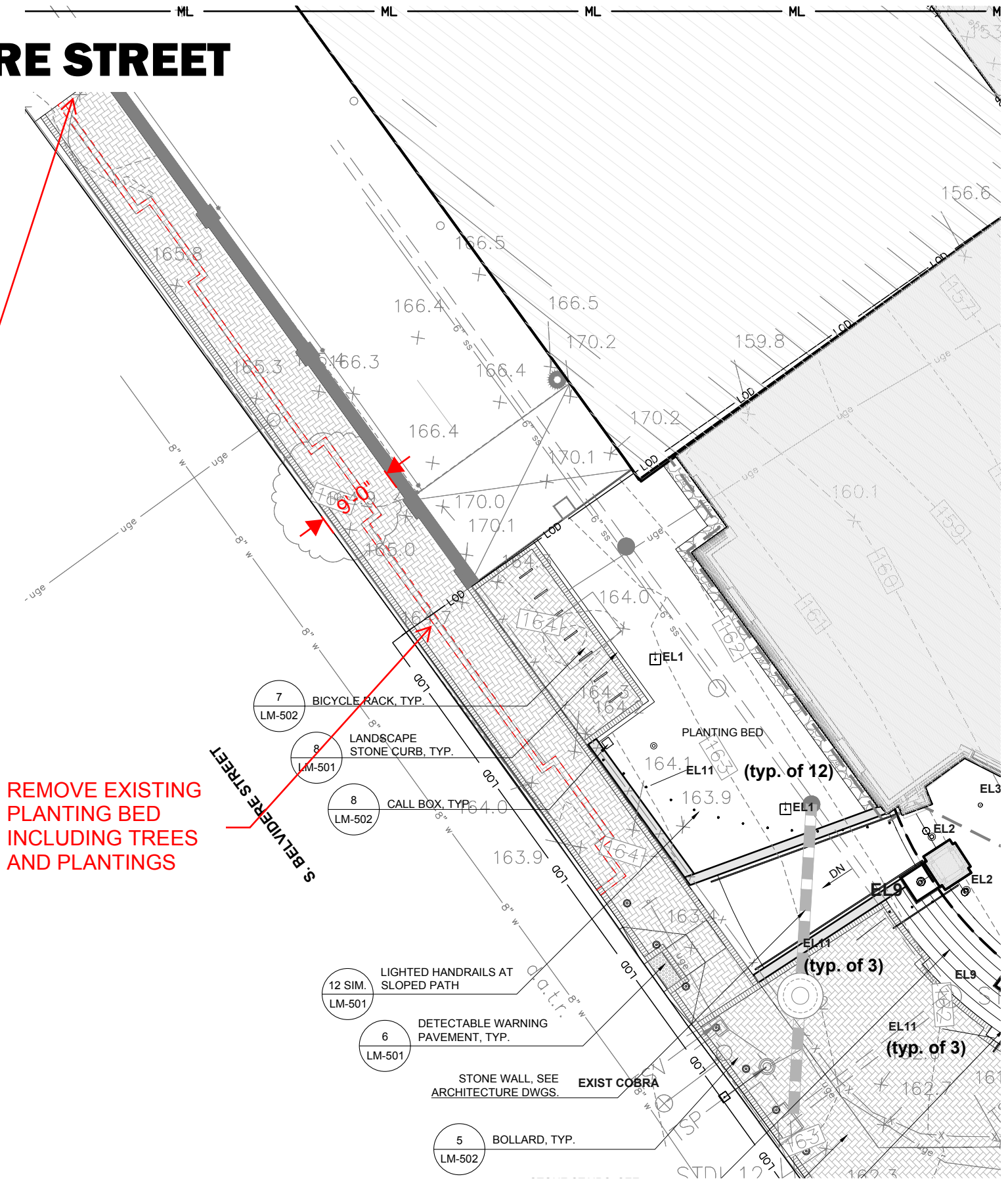


# PROPOSED CHANGES



# 1 EXTEND BRICK PAVERS ALONG BELVIDERE STREET

EXTEND BRICK PAVERS (HERRINGBONE PATTERN) TO EXISTING LOADING DOCK



REMOVE EXISTING PLANTING BED INCLUDING TREES AND PLANTINGS



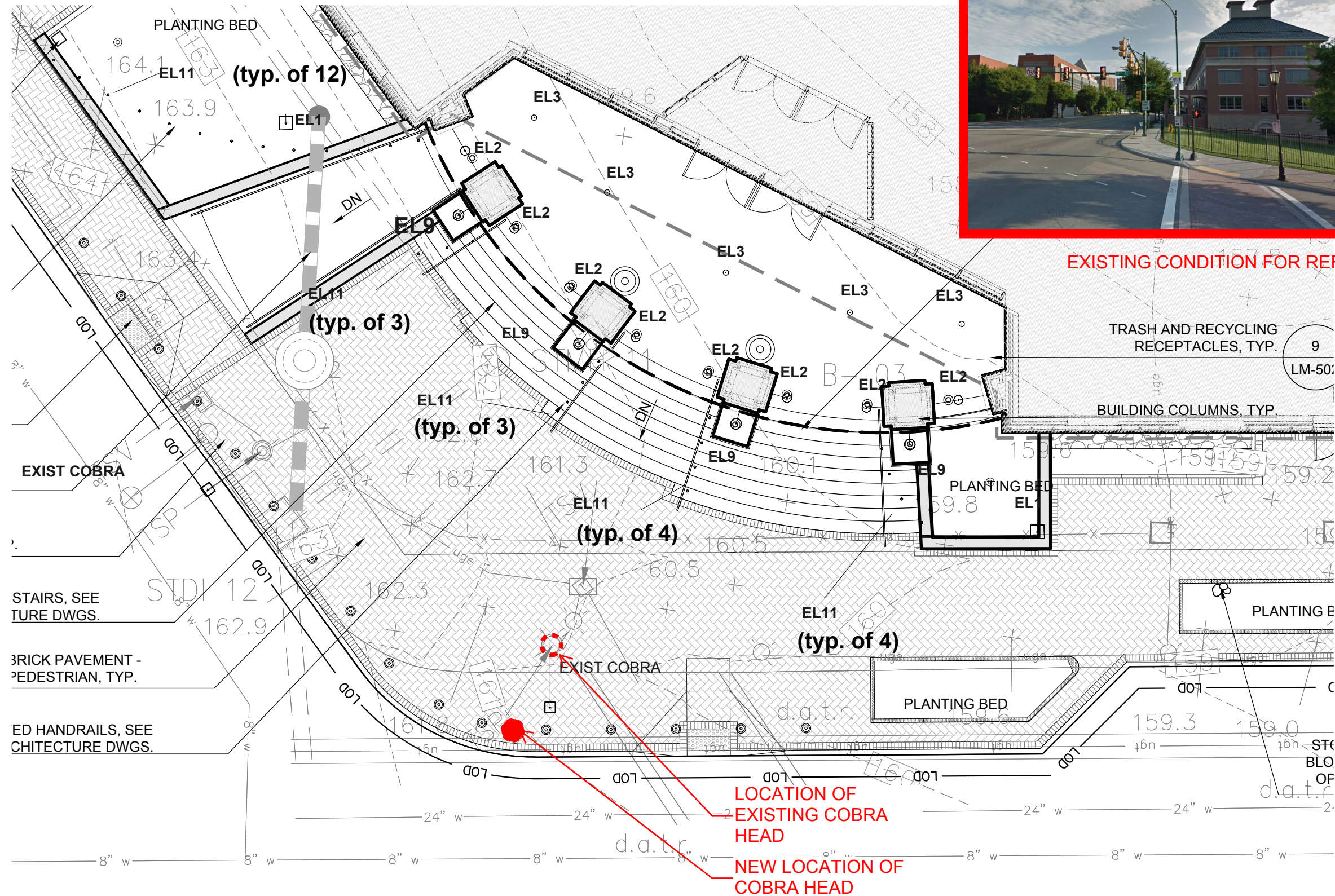
EXISTING CONDITION FOR REFERENCE



# 2 ADJUST COBRA HEAD LOCATION



EXISTING CONDITION FOR REFERENCE



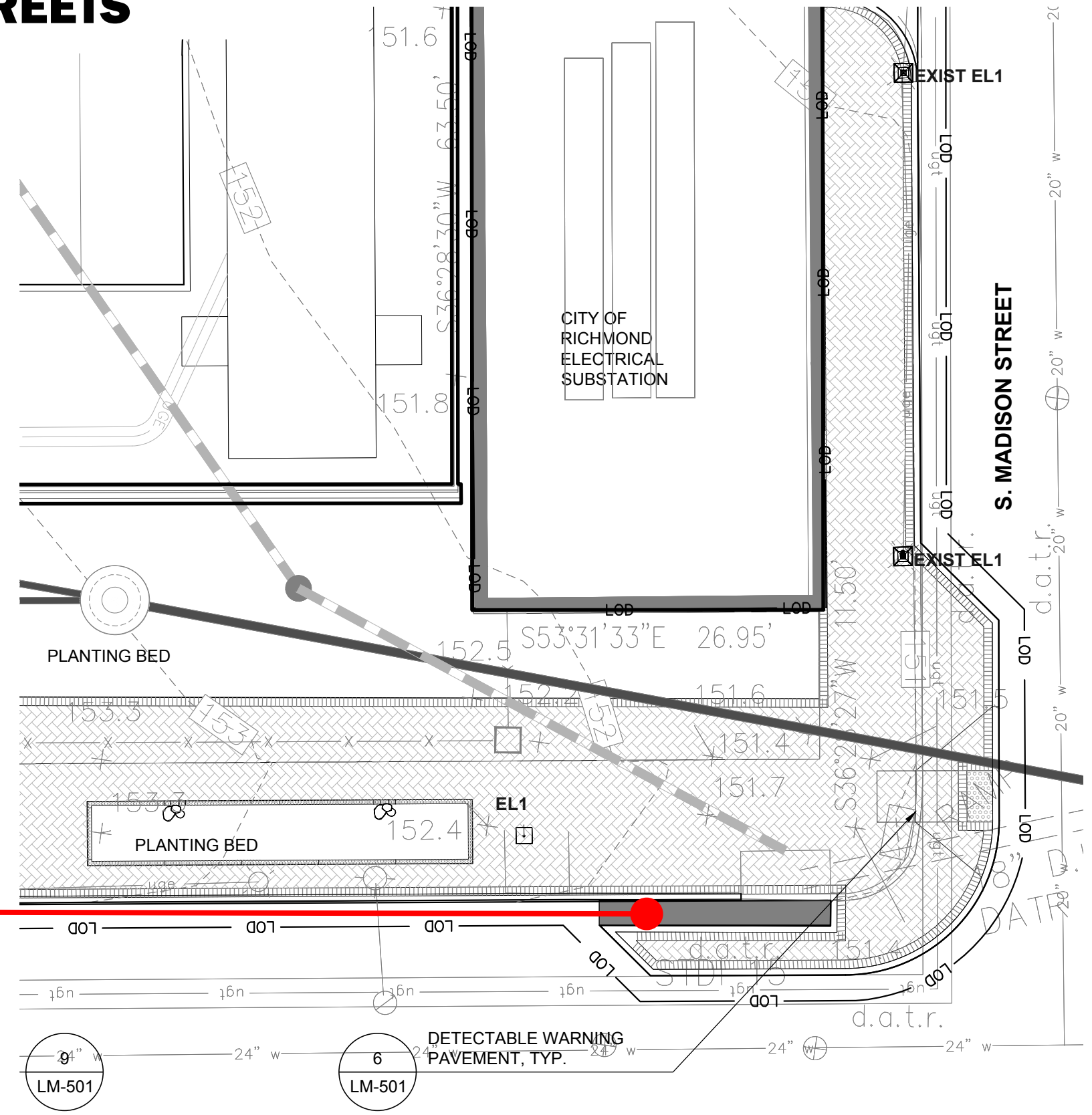
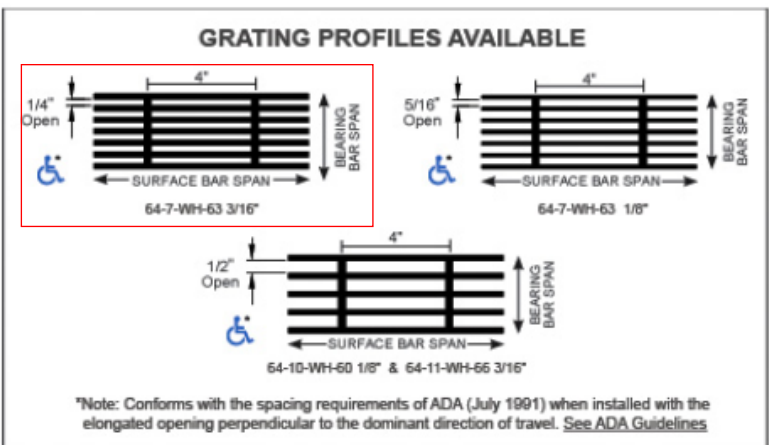
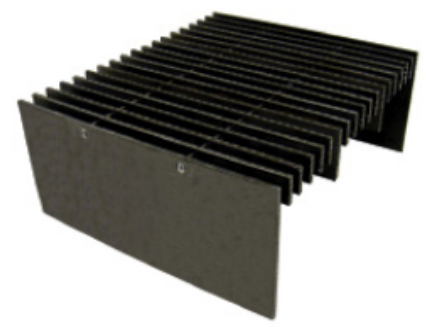
LOCATION OF EXISTING COBRA HEAD

NEW LOCATION OF COBRA HEAD

3 **ADD CHOKER AT CARY / MADISON STREETS**

**Wheels n' Heels® InVent®**

The Wheels n' Heels® InVent® is the newest addition to the Wheels n' Heels® family of grate products. This product type offers the same high strength to weight ratio, excellent appearance and compliance with AASHTO and ADA and High Heel requirements as the Metro® type along with being bicycle friendly. The major difference with the InVent® style is that the main support bearing bars are hidden under the top surface bars and run in the direction perpendicular to the top surface bars. This feature allows Ohio Gratings, Inc.™ to offer you the most flexibility in product types to fit the grating supports of your project. **A slip resistant surface is recommended to meet ADA guidelines. Also available in Stainless Steel upon request.**



# 4 EXTEND BRICK PAVERS ALONG MADISON STREET

EXTEND BRICK PAVERS  
(HERRINGBONE PATTERN)  
TO EXISTING LOADING DOCK



EXISTING CONDITION FOR REFERENCE

