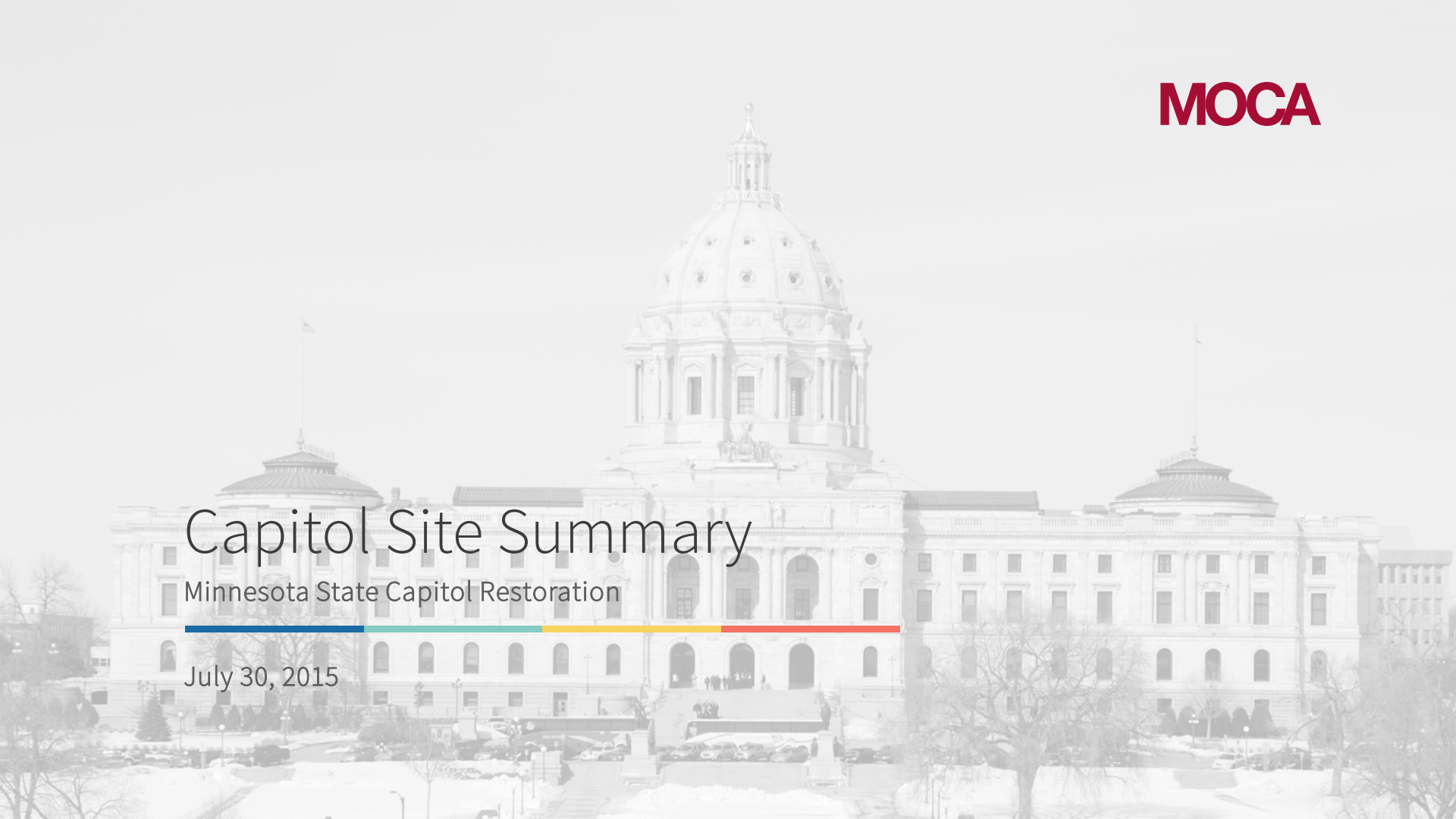


Capitol Site Summary

Minnesota State Capitol Restoration

July 30, 2015

State Capitol Restoration
Site Security Enhancements and Other Out-of-Scope Work

The project team is moving forward with the out-of-scope work approved by the Capitol Preservation Commission at its May 6, 2015 meeting and subsequently funded by the legislature in the 2015 bonding bill (2015 Laws of MN, 1st Special Session, Chapter 5, Article 1, Section 8).

Consistent with the direction provided by the Preservation Commission, the authorizing language for the appropriation of funds for security enhancements requires the Commissioner of Administration to submit **site security design elements** to the Capitol Preservation Commission and to obtain approval of the commission prior to proceeding with construction of those elements.

Four items identified in the 2015 appropriation are presented in this document for your consideration as follows:

1. **Visitor Access/Bus Circulation – Curb Cuts into Cedar Street (North and South Locations)**
2. **Modifications to Aurora Avenue – Improve Security, Eliminate Parking, Create a Plaza**
3. **Enhanced Landscaping for Lot O – Paving materials, New Walks, Landscaping Buffer**
4. **Security Improvements – Lot N Security, Enhanced Lighting, Additional Camera Coverage**

Approval will be requested at the next commission meeting for **site security elements**. This includes all elements listed under item #4, and portions of items 1,2,&3 as they relate to site security in a larger context.

Historical Precedent – Cass Gilbert's Vision on Aurora

Cass Gilbert's Aurora Vision

- Straighten Aurora
- Pedestrian Friendly
- Previous angled roads to East and West no longer exist
- Cass Gilbert's intentions believed to be straight lines
- Pavement Patterns at Plaza and Upper Mall Walkways

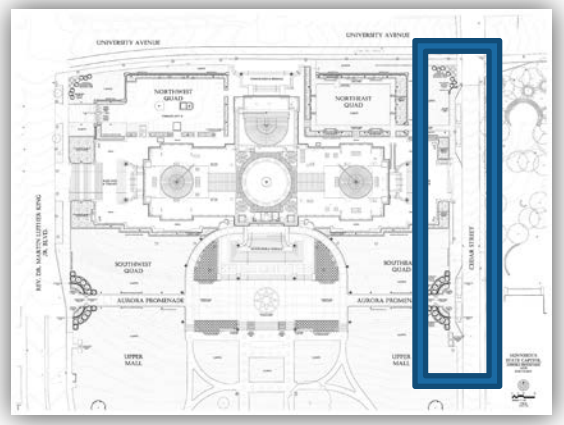
Historical Precedent – Cass Gilbert's Vision on Landscaping

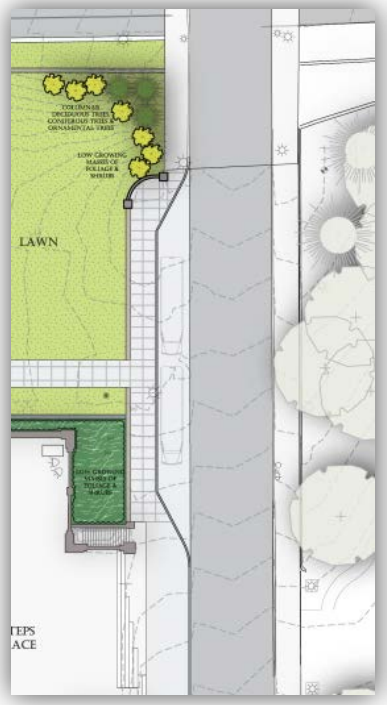
Cass Gilbert's Landscaping Vision

- Central Plaza
- Central Gathering Space
- Low Plantings Near Building and Walkways
- Columnar Plantings at Aurora's End Points
- Open Courtyard Elements at the North Quads (Lot N and Lot O)

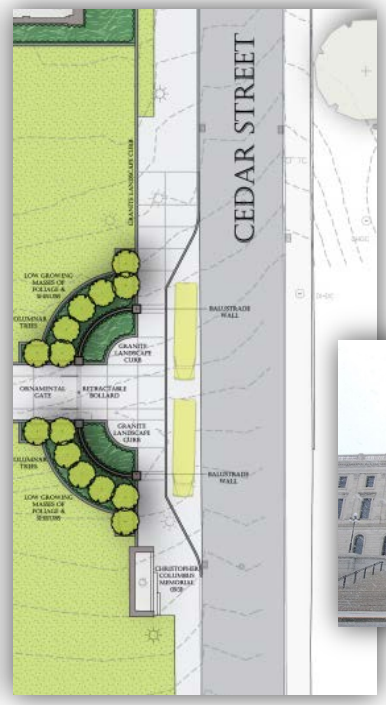
Additional Site Scope Detail

Visitor Access/Bus Circulation





North Curb Cut

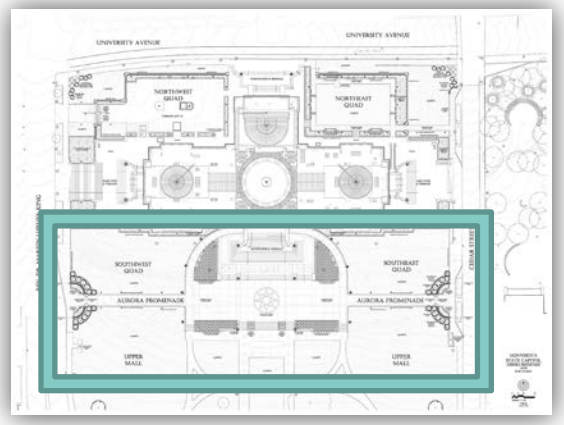


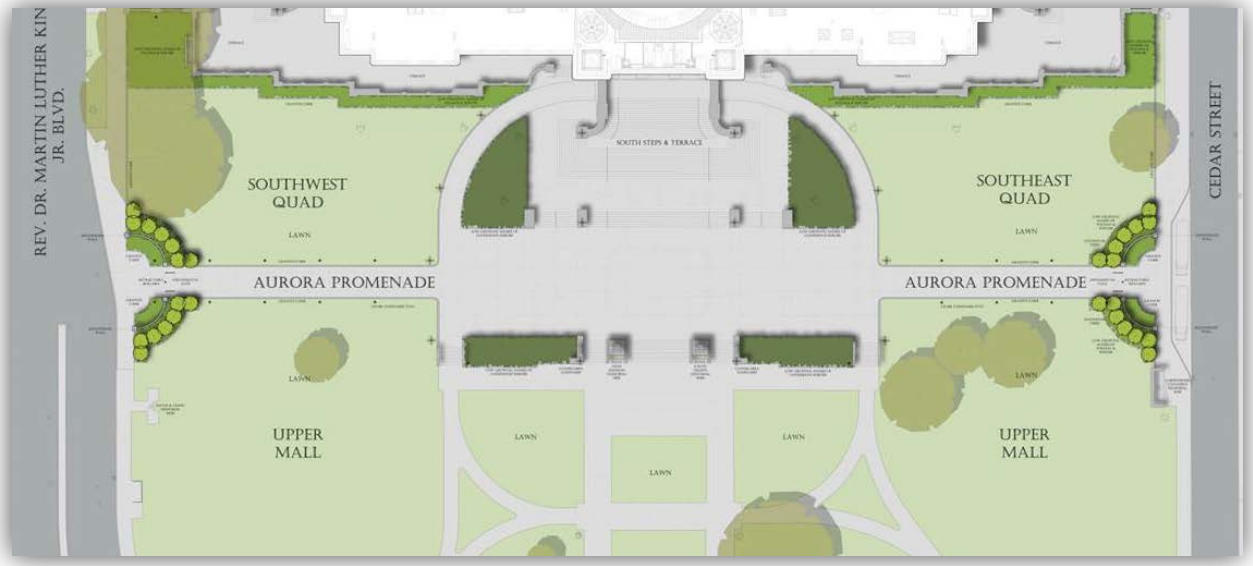
South Curb Cut

- 2 Curb Cuts on Cedar Street
- 2 School Buses each
- ADA Access to Building
- No Buses on Aurora
- No Buses in Northeast Quadrant

Additional Site Scope Detail

Modifications to Aurora Avenue

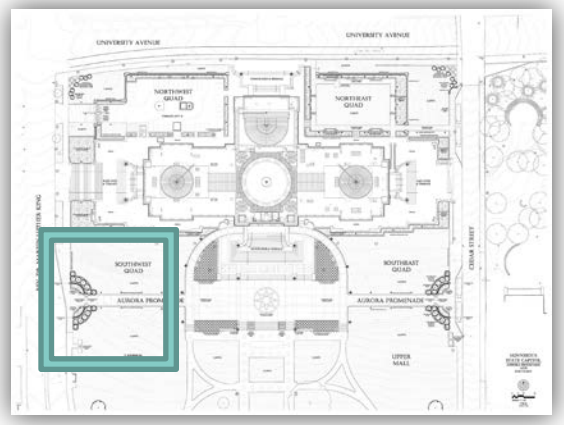




- Pedestrian Promenade using Concrete
- Plaza Gathering Space
- Elimination of Select Trees Near Building
- Low Vegetation Near Building
- Columnar Plantings at Aurora End Points
- Coordination w/ Lighting & South Stair Work

Additional Site Scope Detail

Modifications to Aurora Avenue

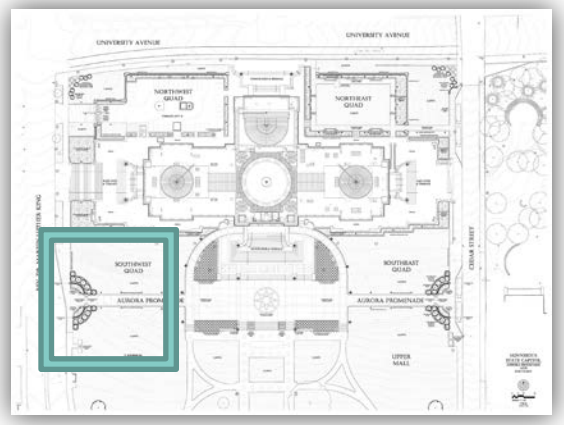


East Entrance

- Improve Security
- Pedestrian Access
- Emergency Vehicle Access
- Fixed & Removable Bollards
- Decorative Gate
- Columnar Vegetation
- Stone Balustrade
- Eliminate Parking

Additional Site Scope Detail

Modifications to Aurora Avenue

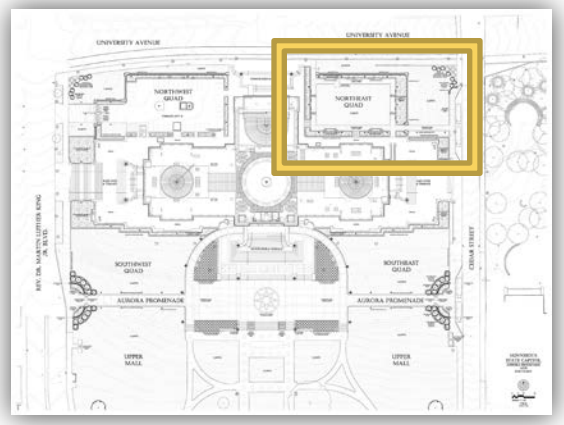


East Entrance

- Improve Security
- Pedestrian Access
- Emergency Vehicle Exit
- Fixed & Removable Bollards
- Decorative Gate
- Columnar Vegetation
- Stone Balustrade
- Eliminate Parking

Additional Site Scope Detail

Enhanced Landscaping for Lot O

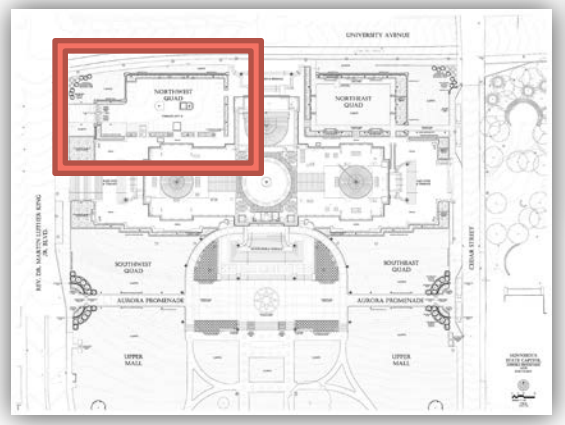


Northeast Quad (Lot O)

- Eliminate Parking
- Provide Walkway Connection Between North Doors and East Doors
- ADA Accessibility
- Paving Materials
- Landscape Buffer
- Benches along Walkway
- Bollards to Prevent Vehicle Access
- Improved Security

Additional Site Scope Detail for Commission's Approval

Security Improvements

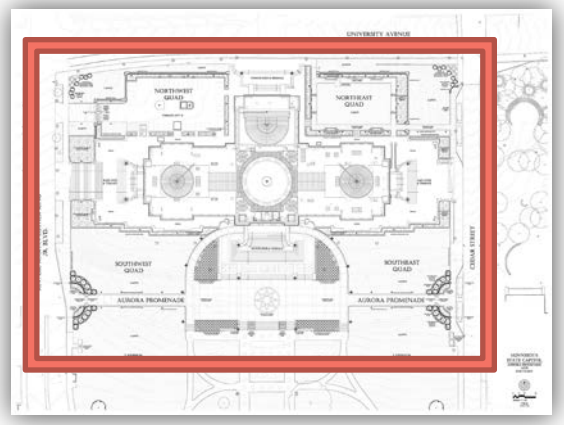


Northwest Quad (Lot N)

- Gated Entry
- Vehicle Wedge Barrier or Control Gate for Entry and Exit
- Emergency Vehicle Access
- Enhanced Lighting
- Enhanced Landscaping
- Improved Security

Additional Site Scope Detail for Commission's Approval

Security Improvements



Existing Site Lighting

Single Globe Light

Five Globe Light

Flood Light

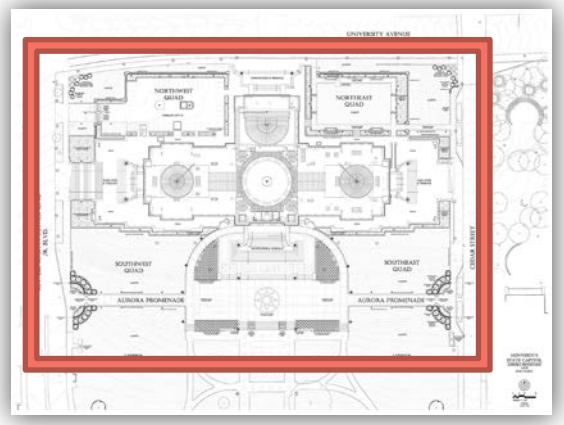
Street Light

St. Paul City Standard Light

* Function * Architectural Integrity * Life Safety *

Additional Site Scope Detail for Commission's Approval

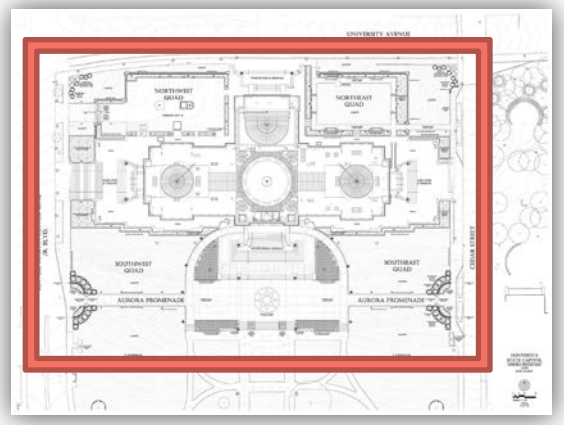
Security Improvements

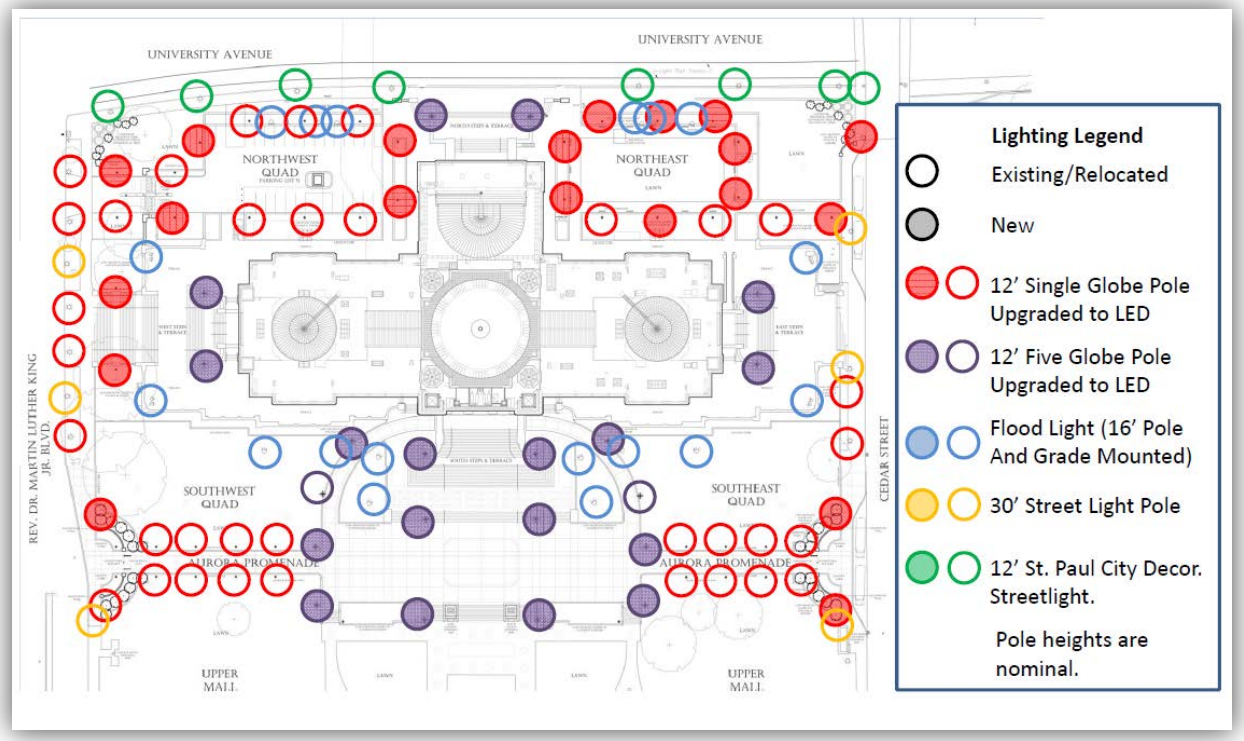


- Replace Slender Light Poles to match the Thicker Poles
- All Site Lighting Changed to LED
- Flood Lighting Lamps Recommended to Remain as Currently Engineered with no changes to Lamps or Location.
- Flood Lighting Recommended to Remain on Throughout the Night.

Additional Site Scope Detail for Commission's Approval

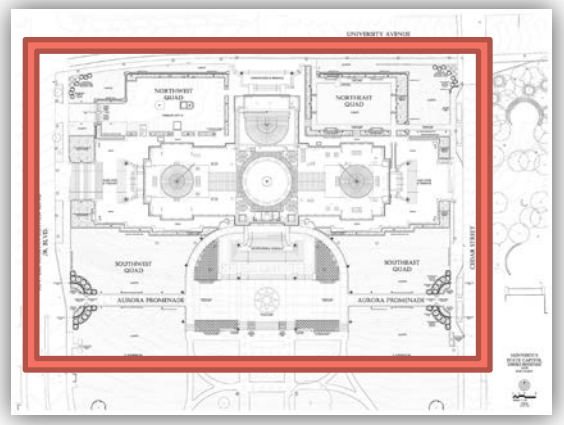
Security Improvements





Additional Site Scope Detail for Commission's Approval

Security Improvements



Lighting

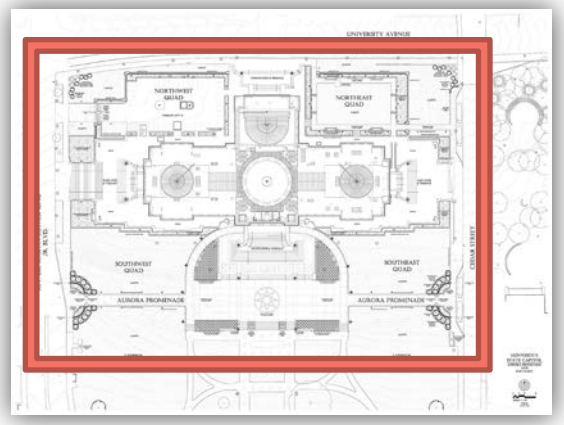
B3 Requirements
- Full cut-off fixtures
- No lighting trespass at project boundaries
- 30% reduction from energy code

Existing Lighting:
- Not full cut-off fixtures
- Lighting is not fully contained within site boundaries
- Meets 30% reduction from energy code

Enhanced Security Lighting:
- Not full cut-off fixtures – exception required
- Lighting is not fully contained within site boundaries – exception required
- Meets 30% reduction from energy code

Additional Site Scope Detail for Commission's Approval

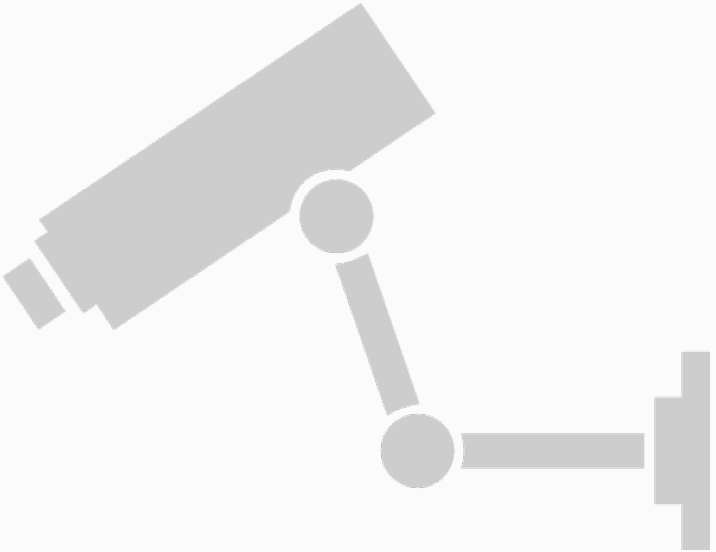
Security Improvements

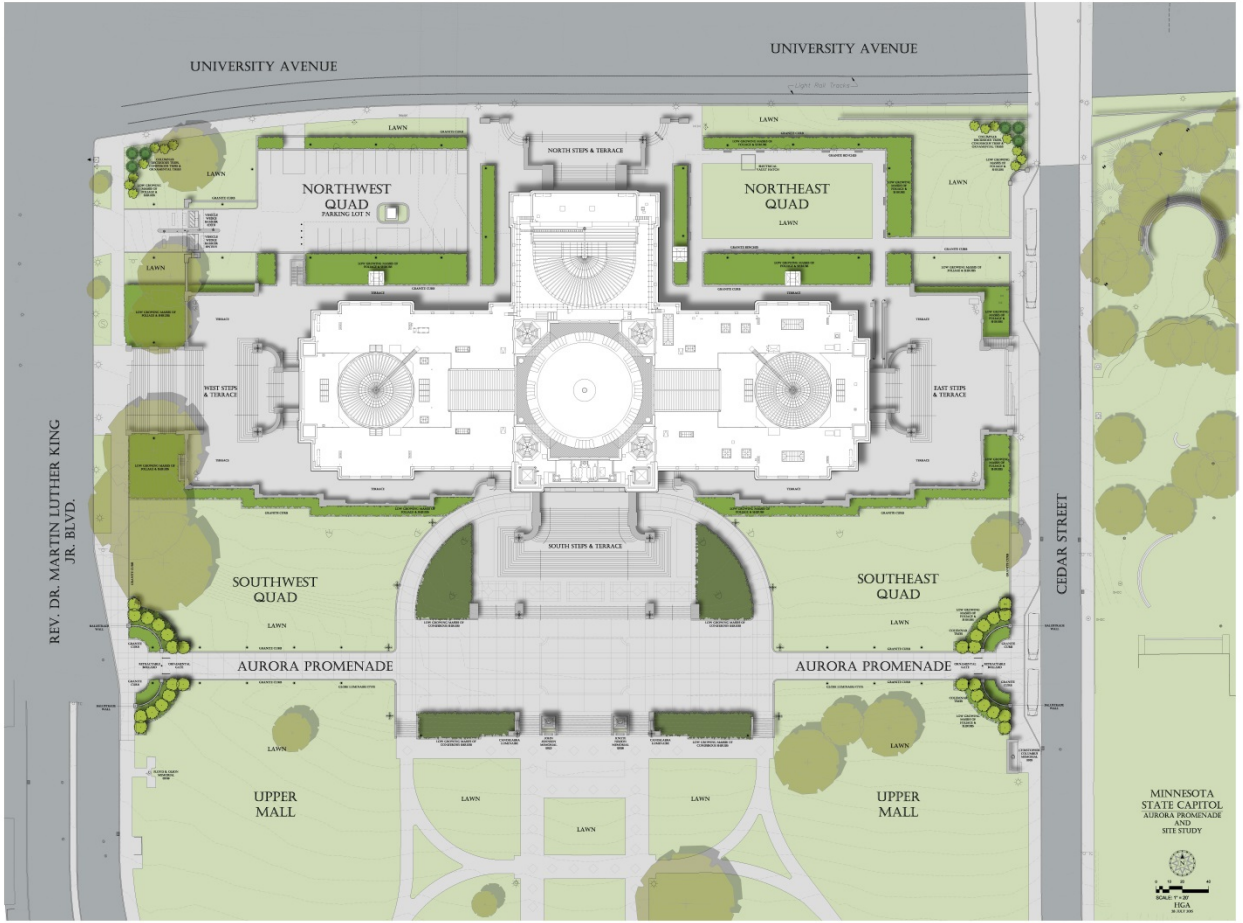


Security Cameras

Fixed Cameras
- Currently utilizing 2 on site
- Recommendation to add 1
- 3 Total

PTZ Cameras
- Currently utilizing 10 on site
- Recommendation to add 6
- 16 Total




UNIVERSITY AVENUE
UNIVERSITY AVENUE
REV. DR. MARTIN LUTHER KING JR. BLVD.
CEDAR STREET
NORTHWEST QUAD
PARKING LOT N
NORTHEAST QUAD
NORTH STEPS & TERRACE
WEST STEPS & TERRACE
EAST STEPS & TERRACE
SOUTH STEPS & TERRACE
SOUTHWEST QUAD
SOUTHEAST QUAD
AURORA PROMENADE
AURORA PROMENADE
UPPER MALL
UPPER MALL
LAWN
MINNESOTA STATE CAPITOL
AURORA PROMENADE AND SITE STUDY

MOCA

Next Steps

Upon acceptance of these Site Security items by the Minnesota State Capitol Preservation Commission, the design team will have approval to move forward and further develop these concepts.