

Century 21
Lighting Plan
and Guidelines

Introduction

Seattle Center's Exterior Lighting Master Plan was developed and published by Candela in 2006 to provide a framework for major site lighting upgrades. Four principle objectives were established:

- **Wayfinding** – for pedestrians as they traverse the campus in the evening
- **Safety & Security** – to enhance the real and perceived sense of safety after dark
- **Aesthetics** – to help make the campus welcoming, inviting, fresh, dramatic and/or playful
- **Environmentally Sustainable Design** - to serve as a demonstration of environmental stewardship and energy efficiency

The Exterior Lighting Master Plan analysis of the campus concludes:

There are distinct areas within the Seattle Center that naturally divide it into visually and functionally unique settings. These divisions not only determine a visitor's destination, but provide visual cues to wayfinding and offer excellent opportunities to enhance the experience and create special treasures places. As a way of dividing the entire campus into comprehensible elements, both functional and visual divisions have been made.

The four functional and visual areas are:

- **Pedestrian Pathways**
- **Campus Entries**
- **Destination Places**
- **Public Art**

Seattle Center has completed a major pedestrian pathway upgrade in 2007 and begun incremental improvements in the other functional and visual areas. We will follow the plan throughout implementation of the Seattle Center Century 21 Master Plan. Sustainable design and environmental stewardship, including concern for glare and night sky pollution, have become a priority for Seattle Center and will be evident in lighting projects going forward.

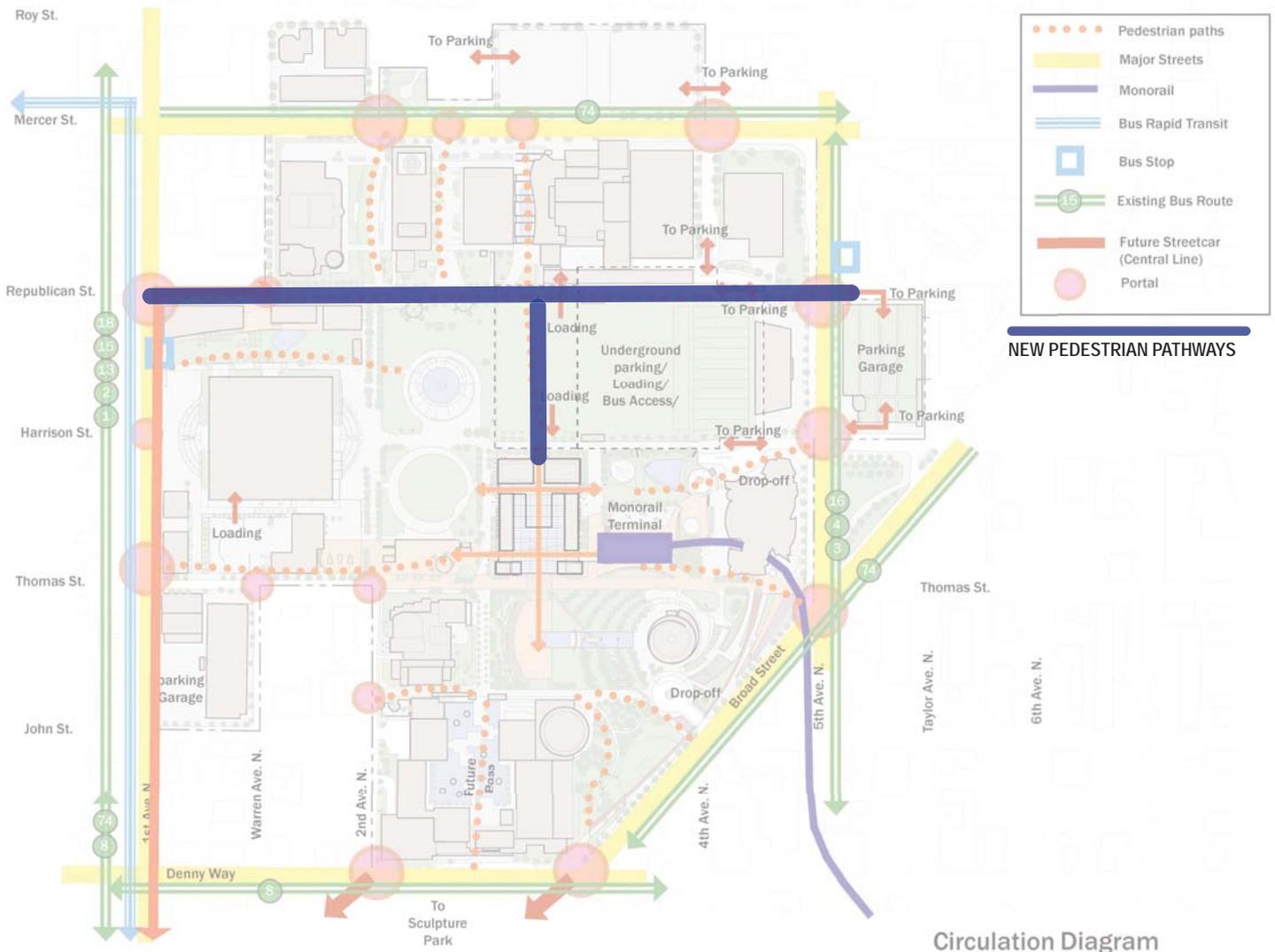
The complete *2006 Exterior Lighting Master Plan* follows this introductory section. Details of our recent accomplishments are summarized in the pages that follow.

Pedestrian Pathways

Based on this plan, major upgrades were made to the existing pedestrian pathway lighting to provide a more consistent illumination to meet the plan’s wayfinding and safety and security goals, and to reduce energy use and realize more sustainable lighting technology. The plan articulates different options for fixture placement to create improved pathway lighting. These were implemented on the campus and have served as the site standard for the early implementation Century 21 Master Plan projects, namely the Broad St. Green restoration and Theater Commons.

The pathway lighting standard will continue to inform the new important pedestrian pathways through the Campus envisioned in the Century 21 Master Plan, including August Wilson Way, a major east-west corridor from the Uptown Urban Center to the Bill and Melinda Gates Foundation, and the north-south path from McCaw Hall, through Center House, to Pacific Science Center.

Seattle Center is working with City Light on a number of energy efficient lighting initiatives in our campus facilities and is eager to work with them on new LED pedestrian light fixtures that are proposed for our perimeter streets. Implementation of new LED lighting may eventually extend to our campus garages in the ongoing Citywide effort to conserve energy.



Campus Entries

The Century 21 Master Plan reinforces the importance of Seattle Center’s entries. The emphasis on a porous campus perimeter and extending the reach of the campus entries to include neighborhood connections also creates opportunities for lighting to play a significant role in the aesthetics at the perimeter of the campus.

Examples of early implementation project elements that demonstrate this goal include the recessed blue LED lighting along the Broad St Green seat wall and the warm theatrical lighting at the Theater Commons entrance.

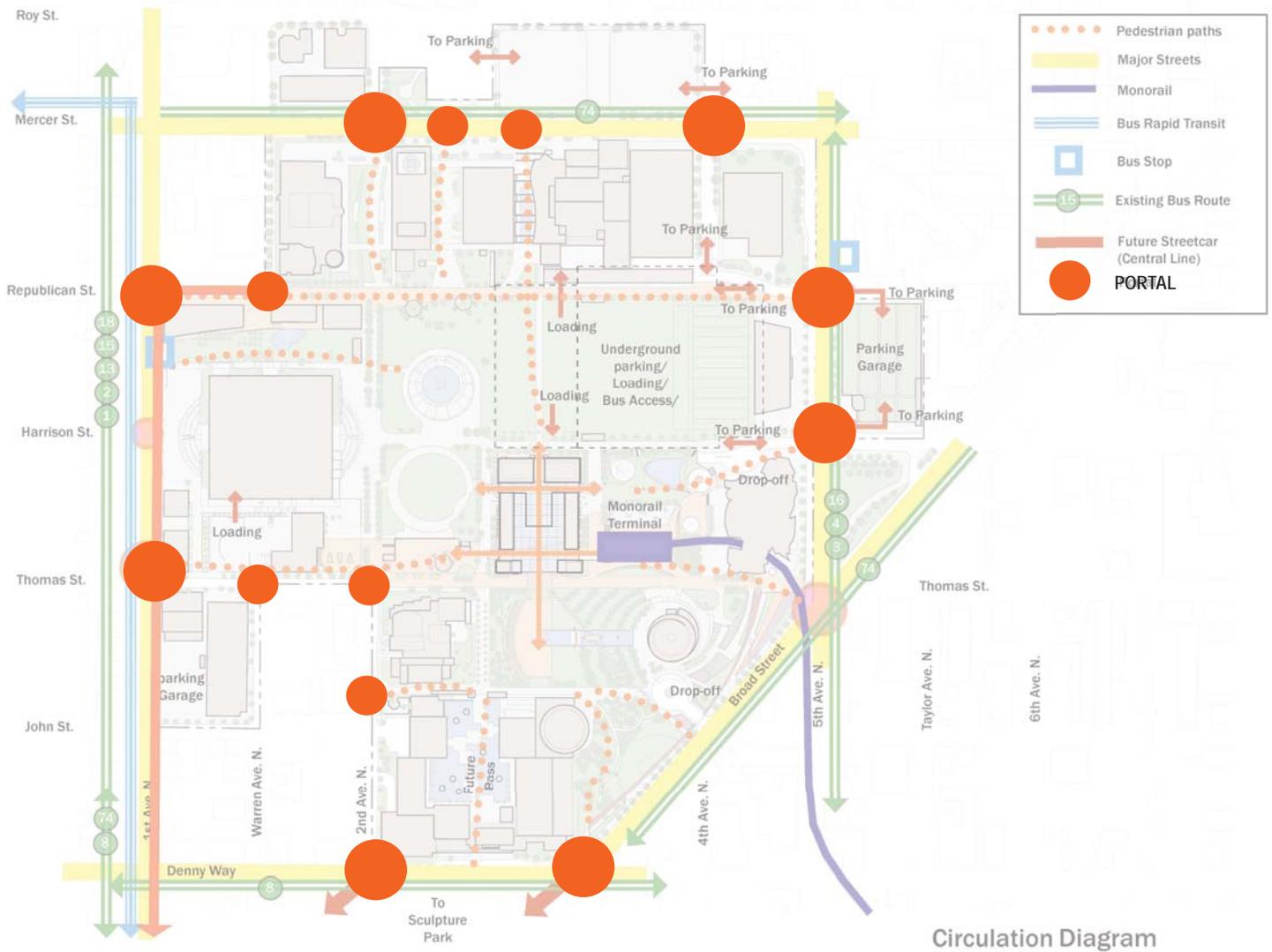


The arrival experience to Seattle Center’s campus often begins at the parking garages adjacent to the campus. Lighting plays an important role in welcoming and establishing a sense of arrival to a unique place at the 5th Ave N Garage Plaza.



Image Courtesy NBBJ Architects

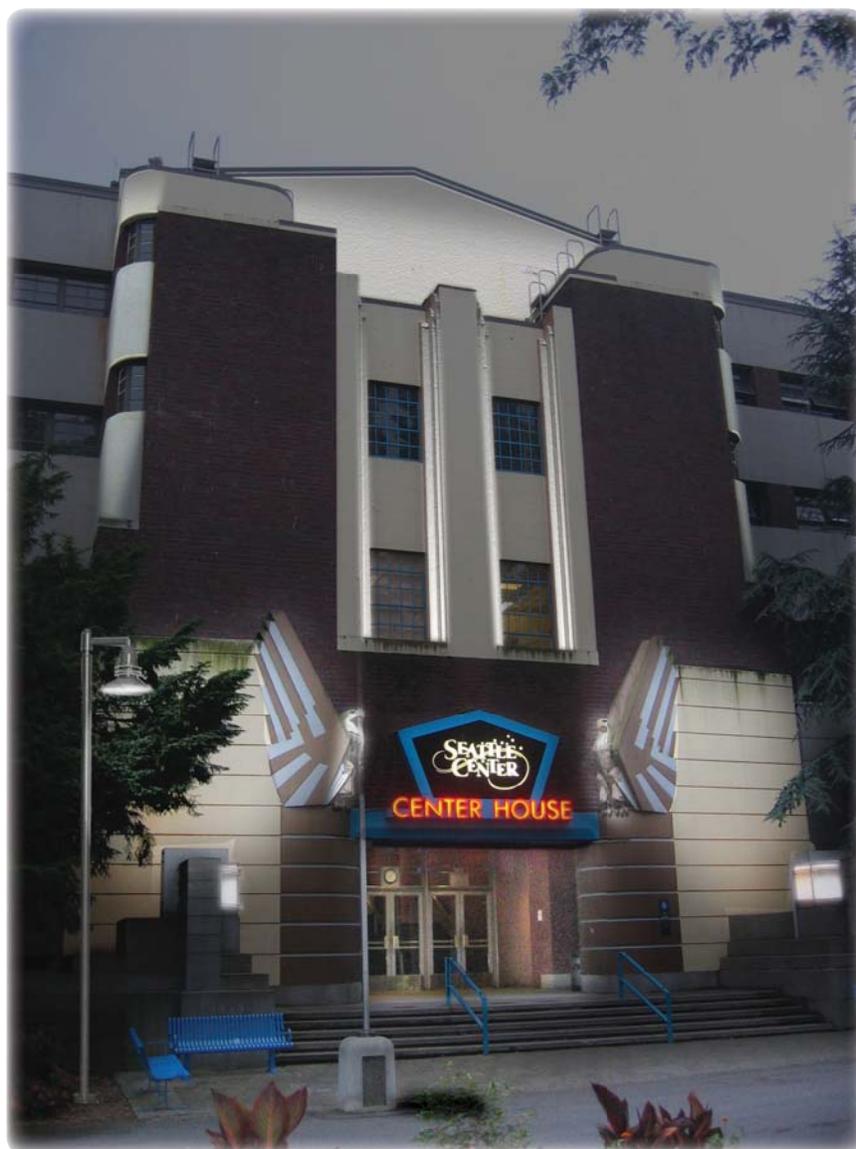
Implementation of the Century 21 Master Plan will put new emphasis on many of the existing campus entries including those at both the east and west ends of August Wilson Way and the 5th Ave N entrances at Harrison St. and Thomas St. Lighting will be an important visual element to reinforce the goals of the Master Plan at these entries and campus edges.



Destination Places and Public Art

Seattle Center is rich in unique architectural expressions and public art. Many of these elements have existing lighting, but new innovations in lighting technology and energy efficiency offer opportunities to refresh building facades and showcase public art.

The historic north entrance of the Center House was transformed in 2006 by implementing new lighting technology.



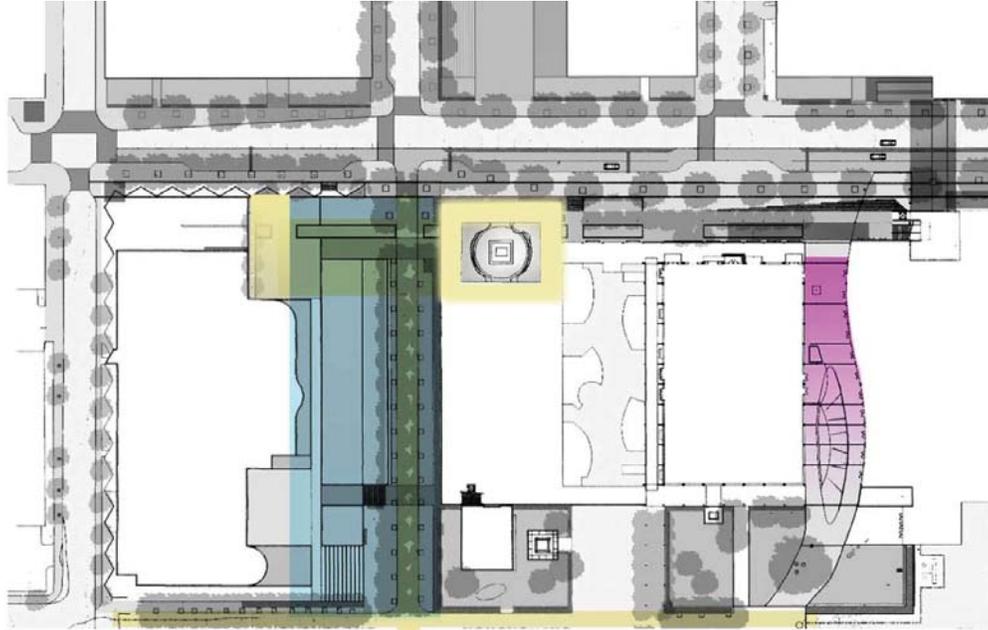
New lighting was installed at the DuPen Fountain summer 2008, and a project with City Light is underway to create new energy efficient lighting for Paul Horiuchi's *Seattle Mural*.



An excellent example of both destination place and public art lighting is the new skatepark completed in 2009. The public art along Thomas St., illuminated by recessed LED strips, enlivens both the street and the park and serves both safety and wayfinding functions.



The Theater Commons project is creating the Donnelly Gardens, the first landscaped area at Seattle Center that will be illuminated for night-time viewing to create a new amenity for evening theater patrons. The juxtaposition of warm entry lighting and cool “moonlight” garden lighting reinforces the Theater District lighting concepts.



Theater Commons Lighting Concept Plan (GGN Ltd)

There are numerous opportunities throughout the campus to highlight destination places and public art through lighting, and the Century 21 Master Plan creates additional areas to be showcased in the future, especially within the redeveloped Fun Forest and Memorial Stadium zones.

The Exterior Lighting Master Plan has informed all the projects completed since its inception; the 5th Ave N Garage, Broad St. Green renovation, the Skatepark and Theater Commons. By applying the clearly articulated goals and analysis to the design of these projects, the functional safety and security need and the aesthetic reach of the lighting plan were achieved.

The Exterior Lighting Master Plan will continue to guide campus development and expand the role of lighting throughout implementation of the Century 21 Master Plan, challenging Seattle Center to do more with lighting campus-wide, and recognizing the whole 74 acre campus in its entirety. As a critical element of the Century 21 Design Guidelines, the lighting plan will be implemented in phases as funding opportunities, new development proposals, tenant vacancies and other priorities allow. Seattle Center will also continue to look for opportunities to incorporate sustainable design and new green technology in future lighting design and operations.