AN ORDINANCE of the City Council of the City of Kent, Washington, relating to land use, adopting design standards for the Meeker Street corridor titled the "Meeker Street Streetscape Design and Construction Standards."

RECITALS

A. Home to many businesses and services, Meeker Street runs east-west from State Route 516/Kent-Des Moines Road to North Kennebeck Avenue, two blocks east of Central Avenue. It also passes under Highway 167 and through the historic section of Kent’s downtown.

B. In 2014, the city adopted an Economic Development Plan to document Kent’s competitive advantages and disadvantages and how these shape strategies for continued business development, recruitment, and creation. Key strategies in the Plan focus on place-making, including Strategy 2.1.1, “Rebuild Commercial Corridors.” Meeker Street is the first listed “key corridor” slated for redesign to “improve function, establish a sense of place, and attract new private commercial and residential development.”

C. In early 2015, the City adopted an updated Comprehensive Plan that furthered many of the strategies called for in the Economic Development Plan, including Policy LU-11.1, “Establish design standards..."
for commercial and mixed-use development that are complementary to the surrounding neighborhoods and accommodate transit, pedestrians, and cyclists.”

D. In the summer of 2015, city staff conducted outreach to businesses and residents along the Meeker Street corridor to discover how the existing street was used and how it might be improved.

E. In the fall of 2015, the City hosted a two-day workshop with Smart Growth America to kickstart the redesign process for Meeker Street. Participants in the workshop (including staff and elected officials) created several conceptual cross-sections for the corridor.

F. Through 2016 and 2017, the City worked with urban design consultants to analyze traffic, refine the conceptual cross-sections, engage with various community groups, create a cohesive design framework, and create draft design standards for the Meeker Street corridor. The draft standards would be an overlay addendum to the existing 2009 Design and Construction Standards.

G. On September 12, 2017, the city requested expedited review of the draft standards by the State of Washington under RCW 36.70A.106. The request was denied, and instead the proposed design standards were entered into the standard 60-day review process, during which time the Washington State Department of Transportation submitted comments related to public art on state facilities and requesting traffic analysis documentation. No further comments were submitted.

H. Between September 18, 2017 and November 20, 2017, city staff presented the draft standards on eight occasions at public meetings before the city’s Public Works Committee, Land Use and Planning Board,
and its Economic and Community Development Committee. These presentations generally included discussion of the project background, consistency and integration with the city’s other design standards, as well as the city’s extensive public outreach regarding the draft Meeker Street design standards.

I. On November 27, 2017, the Land Use and Planning Board held a public hearing to consider the final proposed standards. The Board recommended adoption of the standards.

J. On December 4, 2017, the Public Works Committee considered the recommendation of the LUPB and recommended adoption of the standards to the full City Council.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF KENT, WASHINGTON, DOES HEREBY ORDAIN AS FOLLOWS:

ORDINANCE

SECTION 1. - Incorporation of Recitals. The preceding recitals are incorporated herein by this reference and constitute the council’s findings on this matter.

SECTION 2. - Amendment. The Meeker Street Streetscape Design and Construction Standards, which are attached as Exhibit “A,” are hereby adopted and incorporated into the Kent City Code. These guidelines and standards establish a distinct set of guidelines for the Meeker Street corridor and, where applicable, supersede the City of Kent Downtown Design Guidelines and all other previous City of Kent visioning documents.

SECTION 3. - Severability. If any one or more section, subsection, or sentence of this ordinance is held to be unconstitutional or invalid, such
decision shall not affect the validity of the remaining portion of this ordinance and the same shall remain in full force and effect.

**SECTION 4. - Corrections by City Clerk or Code Reviser.** Upon approval of the city attorney, the city clerk and the code reviser are authorized to make necessary corrections to this ordinance, including the correction of clerical errors; ordinance, section, or subsection numbering; or references to other local, state, or federal laws, codes, rules, or regulations.

**SECTION 5. - Effective Date.** This ordinance shall take effect and be in force thirty days from and after its passage, as provided by law.

---

**ATTEST:**

**SUZETTE COOKE, MAYOR**

Date Approved: 12/12/17

**KIMBERLEY A. KOMOTO, CITY CLERK**

Date Adopted: 12/12/17

Date Published: 12/15/17

**APPROVED AS TO FORM:**

**TON BRUBAKER, CITY ATTORNEY**
MEET ME ON
MEEKER
KENT, WASHINGTON

City of Kent
WASHINGTON

MEEKER STREET
STREETSCAPE DESIGN & CONSTRUCTION STANDARDS

NOVEMBER 2017
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INTRODUCTION

WHAT IS A STREETSCAPE?

Streetscapes are the appearance or view of a street. Streetscapes are spaces that enhance the visual experience of a street. They are not limited to sidewalks, medians, crosswalks, street trees, bike facilities, lighting and site furnishings. Site furnishings can include, but are not limited to, benches, planters, tree grates, litter and recycling receptacles, bicycle racks, transit shelters, newsstands, bollards and banners. The sidewalk surface generally runs from the building face to the street curb and may include public plazas.

DESIGN

The streetscape for the Meeker Street corridor offers a stimulating urban environment with mix of contemporary aesthetics, diverse playfulness, interactive pedestrian themes and bike facilities, utilizing durable, low-maintenance materials and following low-impact development principles where possible. The Streetscape Plan classifies the different street segments by design 'types' that reflect the character of the area in which they are located, with overlays to address the treatment of significant intersections. With careful implementation, the Streetscape Plan will create a unique corridor for the City of Kent, providing an attractive, safe and multi-modal environment, for pedestrians and bicyclists.

There are two emerging themes mixed together throughout the corridor; Innovation and Multicultural. The Innovation theme builds upon the City of Kent's historical and emerging role as a leader in the high-technology industries. Streetscape elements relating to this theme would be contemporary, interactive, informative and playful and include modern lighting features, interpretive displays, and public art installations. The Multicultural theme celebrates the wide range of cultures and people that make up the City of Kent. Streetscape elements relating to this theme would be diversely flexible, inviting, stimulating, and engaging and include multicolored as well as mixed-material paving, colorful lighting, flexible seating, cultural art pieces, and community-oriented displays.

DESIGN PRINCIPLES

- Attract and support pedestrian activity
- Create character and a sense of place and community
- Humanize the street corridor
- Design for aesthetics as well as function
- Create a safe environment for all age groups, all users, pedestrians and bicyclists
- Utilize sustainable options
PURPOSE OF THIS DOCUMENT

This document provides guidance for City staff, property owners/developers and engineering and design consultants for the design and construction of the Meeker Street Streetscape.

The Standards included in this document demonstrates the City’s vision for the full build-out of Meeker Street. Individual frontage improvements shall be adjusted at the discretion of the City to proportionately reflect the level of proposed development or redevelopment by the applicant.

Any improvement project along Meeker Street will go through a review and official approval process by City staff prior to construction installation.

The Standards will also insure over time that the Meeker Street streetscape design, including the materials and furnishings used, will create an attractive yet cohesive look and feel for the corridor. These highly visible infrastructure and streetscape improvements are vital to the success of Meeker Street, providing spaces for the everyday interaction of people, community events, and for development of adjoining private property.

The Standards will help advance the revitalization process, create safer public spaces, and generate a greater sense of community pride and economic vitality.

This document establishes a distinct set of guidelines for the Meeker Street corridor urban design, superseding those portions of the City of Kent Downtown Design Guidelines related to the sidewalk and streetscape treatment, as well as all other previous City of Kent visioning documents, for this corridor from Kent-Des Moines Road to 4th Avenue. The Downtown Overlay in the Design and Construction Standards applies to Meeker Street between 4th Avenue and Central Avenue.

Meeker Street has been identified as a RapidRide corridor in the KC Metro Transit long range plan for 2025 (RT 1056) and 2040 (RTs 1056 & 1515). Integration of civil elements related to current Metro bus stops and future RapidRide stops into the urban design for streetscapes will be required, and subject to review and approval by City Staff. For additional details refer to KC Metro’s requirements for landing pad spacing, pavement type, shelter pad paving, as well as the KC Metro Draft Route Facilities RapidRide design document for additional details on RapidRide requirements.

HOW TO USE THIS DOCUMENT

STEP 1. Locate the project on the Corridor Diagram (page 9) to determine which Streetscape Type(s) applies.

STEP 2. Use the Key to locate the page(s) specific to the relevant Streetscape Type(s).

STEP 3. Take a look at the plan- and section-view graphics; they illustrate which Streetscape Elements are required (or optional) for a given Streetscape Type and provide basic information on location, quantity and/or spacing.

STEP 4. Use the lime green bubbles, and the Key, to locate the page(s) specific to the relevant Streetscape Elements.

STEP 5. The Meeker Street Streetscape Standards page(s) for each Streetscape Element provides detailed specifications (for standard items) or characteristics (for custom items), as well as photos/graphics and specific information on location, quantity and spacing requirements.

STEP 6. Review the Appendices for references to relevant Construction Standards and photos of trees and plants.

STEP 7. DON’T FORGET! This document is for guidance only; all roadway and streetscape designs must be approved by the City of Kent.
STREETSCAPE ELEMENTS

The proposed design for Meeker Street would create new improvements along the north and south sides of the street. The north side would be improved with wide sidewalks, a landscaped buffer/amenity zone and on-street parking. The south side would feature a multi-modal promenade that extends from the Green River Trail to 6th Avenue S., which will then transition into the core downtown street section. Gowe Street is envisioned as the bicycle-oriented corridor connection through the downtown area. The proposed design would include the following elements:

**Multi-Modal Promenade**

The Buffer Zone, Amenity Zone, Pathway Zone and Walk Zone combine to create a single Multi-Modal Promenade. This concept provides an attractive, pedestrian-scaled feature that would be used by a mix of users including bicyclists, strollers, dog walkers and runners. The Promenade is a flexible space and could accommodate festivals and other events.

**Amenity Zone (3'-5' width)**

The proposed promenade incorporates amenity zones within a 4'-5' continuous linear amenity area. These will include design elements such as: pedestrian-scaled lighting, accent lighting, bicycle parking, benches, custom seating, trash receptacles, interpretive signs, wayfinding signage, and public art. Landscaping and street trees are included in these zones and nodes could be developed to allow for outdoor dining or other activities.

**Connector Zone (6' width)**

Sidewalk areas that provide cut-thru connection from on-street parking to the walk zone areas for pedestrian circulation and access to businesses.

**Buffer Zone (3.5'-4' width)**

Provides areas that separate pedestrian pathways from moving traffic. This zone could contain street trees, lighting, site furniture and landscaped areas.

**Walk Zone (5'-8' width)**

Sidewalk areas that provide for pedestrian circulation and access to businesses.

**Pathway Zone (10' width)**

Two-way path can be used as a walkway, for bicycle travel, and for parents with strollers.

**On-Street Parking**

Provides convenient parking to businesses and a buffer between the multi-modal promenade and from the vehicle traffic on Meeker Street.

**Planted Center Medians**

Provides left turn pockets for turning traffic or landscaped areas where turn lanes are not needed. They can also provide pedestrian refuges for mid-block crossing areas.

**ABBREVIATIONS**

- Approx..........................Approximately
- Dia........................................Diameter
- Ht........................................Height
- Max........................................Maximum
- Min........................................Minimum
- Typ........................................Typical
- O.C........................................On-Center
- O.D........................................Outside Diameter
- I.D........................................Inside Diameter
MEEKER STREET STREETSCAPE DESIGN & CONSTRUCTION STANDARDS

{ MEEKER STREET } ♦ STREETSCAPE TYPES

CORRIDOR DIAGRAM

KEY

- Streetscape Type A ........................................ pg. 10
- Streetscape Type B ........................................ pg. 12
- Streetscape Type C ........................................ pg. 14
- Current Downtown Overlay Standards .............. NA
- Multi-Modal Promenade ................................ pg. 22-28
- Pathway Zone ............................................. pg. 22
- Connector Zone ........................................... pg. 23
- Amenity Zone ............................................. pg. 24
- Amenity Cluster ........................................... pg. 26
- Buffer Zone ............................................... pg. 27
- Walk Zone ................................................ pg. 28
- Mid-Block Crosswalk ................................ pg. 24
- Minor Intersection/Mid-Block Crosswalk .......... pg. 26
- Significant Intersection .............................. pg. 28
**STREETSCAPE TYPES | STREETSCAPE TYPE A**

(WITH MEDIAN WHERE APPLICABLE)

NOTE: This plan illustrates a typical 3-lane roadway section which can increase to 5 lanes at points along the corridor.

Streetscape Type A creates a visible pedestrian-oriented street experience by creating an east/west connection through to the heart of the corridor with slower moving traffic, on-street parking and features that will encourage safer pedestrian and bicycle usage.
STREETSCAPE TYPES | STREETSCAPE TYPE A

(WITH MEDIAN WHERE APPLICABLE)

KEY | STREETSCAPE TYPE A ELEMENTS

6 Pedestrian Lighting, typ. [60'-80' O.C., staggered] .............................................................. pg. 34
7 Street Lighting, typ. [70'-90' O.C., staggered] ............................................................. pg. 34
19 Decorative Utility Covers* (as required within sidewalk paving) ....................................... pg. 43
22 Street Tree, typ. ....................................................................................................................... pg. 45
23 Accent Tree, typ. .................................................................................................................... pg. 46
24 Planter, typ. ............................................................................................................................ pg. 47
25 Planted Roadway Median ....................................................................................................... pg. 49

* Not shown

NOTE: Layout shown is for illustrative purposes only; see Streetscape Zones (page 22-28) for hardscape requirements and additional required streetscape elements within each zone. Actual roadway and streetscape designs to be approved by the City of Kent; all construction details shall be per current City of Kent standard details and applicable Meeker Street Construction Standards, Appendix B.
STREETSCEAPE TYPES | STREETSCEAPE TYPE B

(BETWEEN WASHINGTON AVENUE AND SR-167)

Streetscape Type B provides a reduced promenade section between east of the Washington Avenue South intersection and the SR-167 overpass, to accommodate existing businesses and limited ROW. The multi-modal promenade is continued through this section on the south side with the Pathway and Walk Zone.
STREETSCAPE TYPES | STREETSCAPE TYPE B

(BETWEEN WASHINGTON AVENUE AND SR-167)

KEY | STREETSCAPE TYPE B ELEMENTS

6 Pedestrian Lighting, typ. [60'-80' O.C., staggered] .......................................................... pg. 34
7 Street Lighting, typ. [70'-90' O.C., staggered] ................................................................. pg. 34
19 Decorative Utility Covers* (as required within sidewalk paving) ........................................ pg. 43
22 Street Tree, typ. .................................................................................................................. pg. 45
23 Accent Tree, typ. ................................................................................................................ pg. 46
24 Planter, typ. ....................................................................................................................... pg. 47
25 Planted Roadway Median ................................................................................................. pg. 49

* Not shown

NOTE: Minimum required dimensions shown, where feasible the full buildout standard section shall be implemented, or at the discretion of the City. Layout shown is for illustrative purposes only; see Streetscape Zones (page 22-28) for hardscape requirements and additional required streetscape elements within each zone. Actual roadway and streetscape designs to be approved by the City of Kent; all construction details shall be per current City of Kent standard details and applicable Meeker Street Construction Standards, Appendix B.
The Streetscape Type C section illustrates the Downtown section with sidewalks on both sides and on-street parallel parking.
STREETScape TYPES | STREETSCAPE TYPE C

(BETWEEN 6TH AVENUE AND 4TH AVENUE)

KEY | STREETSCAPE TYPE C ELEMENTS

6 Pedestrian Lighting, typ. [60’-80’ O.C., staggered] ......................................................... pg. 34
7 Street Lighting, typ. [70’-90’ O.C., staggered] ................................................................. pg. 34
19 Decorative Utility Covers* (as required within sidewalk paving) ........................................ pg. 43
22 Street Tree, typ. .................................................................................................................. pg. 45
23 Accent Tree, typ. ................................................................................................................ pg. 46
24 Planter, typ. ........................................................................................................................ pg. 49

* Not shown

NOTE: Layout shown is for illustrative purposes only; see Streetscape Zones (page 22-28) for hardscape requirements and additional required streetscape elements within each zone. Actual roadway and streetscape designs to be approved by the City of Kent; all construction details shall be per current City of Kent standard details and applicable Meeker Street Construction Standards, Appendix B.
Mid-Block Crossings create highly-visible crossing locations that facilitate pedestrian activity. Crossings should be raised to provide traffic calming.

**NOTE:** Layout shown is for illustrative purposes only and shows only the streetscape elements required at the Mid-Block Crossings; see Streetscape Zones (page 22-28) for additional required streetscape elements within each zone. Actual roadway and streetscape designs to be approved by the City of Kent; all construction details shall be per current City of Kent standard details and applicable Meeker Street Construction Standards, Appendix B.
Examples of mid-block crosswalks and raised crosswalks

**KEY | MID-BLOCK CROSSWALK ELEMENTS**

| 1b | 2" x 2" Scored Cement Concrete Sidewalk | pg. 30 |
| 2b | Linear Accent Paver Band | pg. 31 |
| 2c | Linear Stamped Concrete [within Connector Zone] | pg. 31 |
| 2d | Hexagon Pavers | pg. 31 |
| 3 | Cement Concrete Crosswalk | pg. 32 |
| 4 | ADA Detectable Warning Surface, typ. | pg. 32 |
| 5 | Wayfinding Sign, typ. (design and location TBD) | pg. 33 |
| 6 | Pedestrian Lighting, typ. [60'-80' O.C., staggered] | pg. 34 |
| 7 | Street Lighting, typ. [70'-90' O.C., staggered] | pg. 34 |
| 9 | Accent Bollard Lighting, typ. | pg. 35 |
| 13 | Modular Bench, typ. | pg. 38 |
| 19 | Decorative Utility Covers* (as required within sidewalk paving) | pg. 43 |
| 22 | Street Tree, typ. | pg. 45 |
| 23 | Accent Tree, typ. | pg. 46 |
| 24 | Planter, typ. | pg. 47 |
| 25 | Planted Roadway Median (where possible) | pg. 49 |

* Not shown
INTERSECTION TYPES | MINOR INTERSECTION/CROSSING - RAISED/CURBLESS

Minor Intersections/Crossings are located at minor intersections along Meeker Street where multiple levels of cross traffic co-mingle. The raised intersection and curbless corners better facilitate various movements for both bicycles and pedestrians.

NOTE: Layout shown is for illustrative purposes only and shows only the streetscape elements required at the Mid-Block Crossings; see Streetscape Zones (page 22-28) for additional required streetscape elements within each zone. Actual roadway and streetscape designs to be approved by the City of Kent; all construction details shall be per current City of Kent standard details and applicable Meeker Street Construction Standards, Appendix B.
Examples of treatments including, roadway lighting, seating, sidewalk treatments and landscaped planters

**KEY | MINOR INTERSECTION/CROSSING ELEMENTS**

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Page</th>
</tr>
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<tbody>
<tr>
<td>1d</td>
<td>Colored Cement Concrete Band</td>
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<tr>
<td>2a</td>
<td>Square Accent Pavers</td>
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<td>2b</td>
<td>Linear Accent Paver Band</td>
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</tr>
<tr>
<td>2c</td>
<td>Linear Stamped Concrete [within Connector Zone]</td>
<td>31</td>
</tr>
<tr>
<td>2d</td>
<td>Hexagon Pavers</td>
<td>31</td>
</tr>
<tr>
<td>3</td>
<td>Cement Concrete Crosswalk</td>
<td>32</td>
</tr>
<tr>
<td>4</td>
<td>ADA Detectable Warning Surface, typ.</td>
<td>32</td>
</tr>
<tr>
<td>5</td>
<td>Wayfinding Sign, typ. (design and location TBD)</td>
<td>33</td>
</tr>
<tr>
<td>6</td>
<td>Pedestrian Lighting, typ. [60'-80' O.C., staggered]</td>
<td>34</td>
</tr>
<tr>
<td>7</td>
<td>Street Lighting, typ. [70'-90' O.C., staggered]</td>
<td>34</td>
</tr>
<tr>
<td>8</td>
<td>Accent Column Lighting, typ.</td>
<td>35</td>
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<tr>
<td>11</td>
<td>Heavy Duty Bollard, typ.</td>
<td>36</td>
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<tr>
<td>13</td>
<td>Modular Bench, typ. (optional alternate to standard)</td>
<td>38</td>
</tr>
<tr>
<td>16</td>
<td>Freestanding Planter, typ.</td>
<td>41</td>
</tr>
<tr>
<td>19</td>
<td>Decorative Utility Covers* (as required within sidewalk paving)</td>
<td>43</td>
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<tr>
<td>20</td>
<td>Utility Boxes, typ. (as required)</td>
<td>43</td>
</tr>
<tr>
<td>23</td>
<td>Accent Tree, typ</td>
<td>46</td>
</tr>
<tr>
<td>24</td>
<td>Planter, typ.</td>
<td>47</td>
</tr>
</tbody>
</table>

*Not shown*
Significant Intersections are located along Meeker Street at Russell Road, 64th Avenue, Washington Avenue and Lincoln Avenue. These signalized intersections accommodate larger volumes of vehicular traffic as well as alternative modes of transportation circulating through the space.

**NOTE:** Layout shown is for illustrative purposes only and shows only the streetscape elements required at the Mid-Block Crossings; see Streetscape Zones (page 22-28) for additional required streetscape elements within each zone. Actual roadway and streetscape designs to be approved by the City of Kent; all construction details shall be per current City of Kent standard details and applicable Meeker Street Construction Standards, Appendix B.
INTERSECTION TYPES | SIGNIFICANT INTERSECTION

Examples of significant intersection treatments including, public art, seating, potted and landscaped planters

KEY | SIGNIFICANT INTERSECTION ELEMENTS

1b 2’x2’ Scored Cement Concrete Sidewalk ................................................................. pg. 30
1d Colored Cement Concrete Band ........................................................................ pg. 30
2c Square Accent Pavers ........................................................................................... pg. 31
2c Linear Accent Paver Band ...................................................................................... pg. 31
2c Linear Stamped Concrete [within Connector Zone] ........................................ pg. 31
2d Hexagon Pavers .................................................................................................... pg. 31
3 Cement Concrete Crosswalk ................................................................................ pg. 32
4 ADA Detectable Warning Surface, typ. ................................................................. pg. 32
5 Wayfinding Sign, typ. [design and location TBD] .............................................. pg. 33
7 Street Lighting, typ. [70'-90' O.C., staggered] ..................................................... pg. 34
8 Accent Column Lighting, typ. ............................................................................... pg. 35
13 Modular Bench, typ. (optional alternate to standard) ....................................... pg. 38
16 Freestanding Planter, typ. ..................................................................................... pg. 41
19 Decorative Utility Covers* (as required within sidewalk paving) ................ pg. 43
20 Utility Boxes, typ. (as required) .......................................................................... pg. 43
23 Accent Tree, typ .................................................................................................. pg. 46
24 Planter, typ ........................................................................................................ pg. 47

* Not shown
PATHWAY ZONE LOCATION
- The Pathway runs along the south side of the Meeker Street corridor, from the Green River Bridge to 6th Avenue.

PATHWAY ZONE SPECIFICATIONS
- Material: Scored Cement Concrete, Precast Concrete Pavers and Stamped Concrete.
- Width: 10'-0"

Example of a multi-modal pathway within an urban setting

KEY | PATHWAY ZONE ELEMENTS

1a 4"x4" Scored Cement Concrete Sidewalk .......................................................... pg. 30
1d Colored Cement Concrete Band ........................................................................ pg. 30
2b Linear Accent Paver Band ................................................................................ pg. 31
2c Linear Stamped Concrete [within Connector Zone] ........................................ pg. 31

A key element along the Meeker Street corridor is the Pathway Zone which is designed to accommodate a mix of users, including pedestrians, bicyclists and strollers.
STREETSCAPE ZONES | PATHWAY ZONE

Example of a multi-modal promenade pathway

STREETSCAPE ZONES | CONNECTOR ZONE

CONNECTOR ZONE LOCATIONS
• Connector Zones are required across the Pathway

CONNECTOR ZONE SPECIFICATIONS
• Material: Linear Stamped Concrete  
• Width: 6'-0"
• Length: Varies based on distance from curbside to edge of Walk Zone
• Spacing: One (1) Connector Zone shall be located approximately every 60'-0" to 100'-0" O.C. along the length of each block; coordinate locations with Amenity Clusters and on-street parking stalls  
• Alignment: 60-degree angle to back of curb

KEY | CONNECTOR ZONE ELEMENTS

2b Linear Accent Paver Band [within Pathway Zone] ................................................................. pg. 31
2c Linear Stamped Concrete [within Connector Zone] ............................................................... pg. 31

Connector Zones provide a marked cut-through across the Pathway for pedestrians to cross from on-street parking to the Walk Zone or from the Walk Zone to adjacent businesses.
AMENITY ZONE LOCATION

- The Amenity Zone runs along the south side of the Meeker Street corridor, from the Green River bridge to 6th Avenue.

AMENITY ZONE SPECIFICATIONS

- **Material:** Scored Cement Concrete, Linear Stamped Concrete
- **Width:** 5'-0" (2'-0" in Streetscape B only)

The Amenity Zone separates the Pathway from the Walk Zone, providing a space for pedestrian-friendly amenities including seating, lighting, bicycle parking, receptacles, plantings, accent trees, signage and public art.
Example of amenity zone with freestanding planters, trees, tables, chairs, accent lighting and receptacles

**KEY | AMENITY ZONE ELEMENTS**

<table>
<thead>
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<th>No.</th>
<th>Element Description</th>
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<tbody>
<tr>
<td>1b</td>
<td>2'x2' Scored Cement Concrete Sidewalk</td>
</tr>
<tr>
<td>2c</td>
<td>Linear Stamped Concrete [within Connector Zone]</td>
</tr>
<tr>
<td>6</td>
<td>Pedestrian Lighting, typ. [60'-80' O.C., staggered]</td>
</tr>
<tr>
<td>9</td>
<td>Accent Bollard Lighting (optional)</td>
</tr>
<tr>
<td>10</td>
<td>Decorative Bollard (optional)</td>
</tr>
<tr>
<td>12</td>
<td>Standard Bench [within Amenity Cluster]</td>
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<tr>
<td>13</td>
<td>Modular Bench (optional alternate to standard)</td>
</tr>
<tr>
<td>14</td>
<td>Receptacle [within Amenity Cluster]</td>
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<tr>
<td>15</td>
<td>Bicycle Rack [within Amenity Cluster]</td>
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<td>Freestanding Planter (optional)*</td>
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<td>Accent Tree, typ</td>
</tr>
<tr>
<td>24</td>
<td>Planter, typ.</td>
</tr>
</tbody>
</table>

* Not shown
STREETSCAPE ZONES | AMENITY CLUSTER

AMENITY CLUSTER LOCATIONS

- Amenity Clusters are required with the Amenity Zone (south side of Meeker Street) and the Buffer Zone (north side of Meeker Street)

AMENITY CLUSTER SPECIFICATIONS

- Spacing:
  - One (1) Amenity Cluster shall be located at radius return of each Minor Intersection/Crosswalks and Significant Intersections (including future/planned intersections)
  - Two (2) Amenity Clusters shall be located at each Mid-Block Crossing
  - One (1) Amenity Cluster shall be located every 90'-0" to 120'-0" O.C. along the length of each block (see below)
- Length: 20'-0" min.

AMENITY CLUSTER TYPICAL SPACING

KEY | AMENITY CLUSTER ELEMENTS

12 Standard Bench [one (1) each min. per Amenity Cluster] ................................................................. pg. 37
13 Modular Bench (optional alternate to standard) .................................................................................. pg. 38
14 Receptacle [one (1) each min. per Amenity Cluster; at least one w/in 30’ of intersection] ........ pg. 39
15 Bicycle Rack [two (2) min. per block; at least one w/in 30’ of intersection] ................................. pg. 40
16 Freestanding Planter (optional) .......................................................................................................... pg. 41

Amenity Clusters are located at frequent intervals along the corridor and at intersections and include pedestrian friendly site furnishings

Indicates Streetscape Element number; see key
BUFFERS ZONE LOCATIONS

- The Buffer Zone runs along the curbline on both sides of the Meeker Street corridor from the Green River bridge to Central Avenue.

BUFFERS ZONE SPECIFICATIONS

- Material: Scored Cement Concrete, Precast Concrete Pavers
- Width: 3'-0" to 4'-6" (see plans)

KEY | BUFFER ZONE ELEMENTS

1) 1'x1' Scored Cement Concrete Sidewalk pg. 30
2) Linear Stamped Concrete [within Connector Zone] pg. 31
3) Pedestrian Lighting, typ. [60'-80' O.C., staggered] pg. 34
4) Street Lighting, typ. [70'-90' O.C., staggered] pg. 34
5) Standard Bench [within Amenity Cluster on north side] pg. 37
6) Modular Bench* (optional alternate to standard) pg. 38
7) Receptacle* [within Amenity Cluster on north side] pg. 39
8) Bicycle Rack [within Amenity Cluster on north side] pg. 40
9) Freestanding Planter (optional) pg. 41
10) Street Tree, typ. pg. 45
11) Planter, typ. pg. 47

* Not shown

The Buffer Zone separates pedestrians and bicyclists from the roadway with planters, street trees, lighting and site furnishings.
WALK ZONE LOCATION

The Walk Zone runs along both sides of Meeker Street from the Green River bridge to Central Avenue.

WALK ZONE SPECIFICATIONS

- Material: Scored Cement Concrete
- Width: 5'-0" to 6'-0" on the South Side, 8'-0" including Cement Concrete Band and Linear Accent Paver Band on the North Side (see plans)

KEY | WALK ZONE ELEMENTS

<p>| | | |</p>
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<tbody>
<tr>
<td>1b</td>
<td>2’x2’ Scored Cement Concrete Sidewalk</td>
<td>pg. 30</td>
</tr>
<tr>
<td>1d</td>
<td>Colored Cement Concrete Band*</td>
<td>pg. 30</td>
</tr>
<tr>
<td>2b</td>
<td>Linear Accent Paver Band</td>
<td>pg. 31</td>
</tr>
</tbody>
</table>

*Note: Colored Cement Concrete Band on North Side of Meeker, along Walk Zone shall not be colored. Band shall be Plain Cement Concrete, typ.

The Walk Zone is a traditional sidewalk that provides pedestrian circulation along the corridor and access to businesses.
STREETSCEAPE STANDARDS

Hardscape Treatment........................................ pg. 30
Features & Signage........................................ pg. 33
Illumination..................................................... pg. 34
Street Furniture............................................ pg. 36
Utility............................................................. pg. 43
Retaining Wall............................................... pg. 44
Landscape....................................................... pg. 45

NOTE: Approved equal products shall match the same aesthetic, look, feel, quality, materiality, and durability of the standards specified herein.
CEMENT CONCRETE SIDEWALK GENERAL SPECIFICATIONS

- Material: 3,000 psi cement concrete
- Joints: 1/8" width x 1/2" deep sawcuts
- Finish: Medium Broom Finish

1a 4' X 4' SCORED CEMENT CONCRETE SIDEWALK

4' x 4' sidewalk scoring is typical at the following locations:
Pathway Zone (all Streetscape Types)
- Pattern: 4'-0" x 4'-0" grid sawcut scoring
- Alignment: Perpendicular and parallel to back of curb
- Concrete Color: Natural gray

1b 2' X 2' SCORED CEMENT CONCRETE SIDEWALK

2' x 2' sidewalk scoring is typical at the following locations:
Walk Zone and Amenity Zones
- Pattern: 2'-0" x 2'-0" grid sawcut scoring
- Alignment: Perpendicular and parallel to back of curb
- Concrete Color: Natural gray

1c 1' X 1' SCORED CEMENT CONCRETE SIDEWALK

1' x 1' sidewalk scoring is typical at the following locations:
Buffer Zone (all Streetscape Types), Mid-Block Crosswalks,
Minor Intersections/Crossings and Significant Intersections
- Pattern: 1'-0" x 1'-0" grid sawcut scoring
- Alignment: Perpendicular and parallel to back of curb
- Concrete Color: Natural gray

1d COLORED CEMENT CONCRETE BAND

Colored Cement Concrete Band is typical at the following locations:
Along both sides of Pathway (all Streetscape Types) and at Minor
Intersections/Crossings, and Significant Intersections
- Width: 1'-0"
- Alignment: Perpendicular and parallel to both sides of Pathway
- Concrete Color: "Dark Gray" by Davis Color, or approved equal

NOTE: Approved equal products shall match the same aesthetic,
look, feel, quality, materiality, and durability of the standards
specified herein.
HARDOSECAPE TREATMENT | PRECAST CONCRETE PAVERS

PRECAST CONCRETE PAVER GENERAL SPECIFICATIONS

- **Material:** Precast cement concrete
- **Joints:** 1/8" wide
- **Finish:** Sandblast

2a SQUARE ACCENT PAVERS

Square Accent Pavers are required at the following locations: Minor Intersections/Crossings and Significant Intersections (see plans)

- **Manufacturer:** Stepstone Inc.
- **Model:** Pavers
- **Size:** 12" x 12" x 4" tall
- **Color (Left to Right):** Almond #1406, Expresso Brown #1808, Caramel #1810, Iceberg Green #1805, Agave #1812, Granada White #1801
- **Installation Type:** Mortar set on concrete rat slab

2b LINEAR ACCENT PAVER BAND

Linear Accent Pavers are required at the following locations: Centerline of Pathway Zone (all Streetscape Types) and between Walk Zone and Buffer Zone (north side of roadway only; see plans)

- **Manufacturer:** Stepstone Inc.
- **Model:** Narrow Modular Pavers
- **Size:** 3" wide x 12" long x 4" tall (double row)
- **Color (Left to Right):** Almond #1406, Expresso Brown #1808, Caramel #1810, Iceberg Green #1805, Agave #1812, Granada White #1801
- **Installation Type:** Mortar set on concrete rat slab

2c LINEAR STAMPED CONCRETE

Linear Stamped Concrete is required at the following locations: Connector Zones (see plans)

- **Manufacturer:** Scofield
- **Stamp Pattern:** Pine Interlocking Plank
- **Material:** 3,000 psi cement concrete
- **Stamping Tool:** Surface texture is that of lightly sandblasted pine boards. Edges are beveled along the length of each board. Ends are saw-cut. Corners are square.
- **Installation Type:** Stamped concrete
- **Size:** 6" wide x 24" long; 6" wide x 48" long; 1/8" "grout" joints
- **Concrete Color:** Natural gray

2d HEXAGON PAVERS

Hexagon Pavers are required at the following locations: Planters at Mid-Block Crosswalks, Minor Intersections/Crossings, and Significant Intersections (see plans)

- **Manufacturer:** Tectura Designs
- **Model:** P12
- **Size:** 13-9/16" wide x 2" tall hexagon
- **Color:** Shades of warm gray, light gray, light beige
- **Installation Type:** Mortar set on concrete rat slab

**NOTE:** Approved equal products shall match the same aesthetic, look, feel, quality, materiality, and durability of the standards specified herein.
CEMENT CONCRETE CROSSWALK SPECIFICATIONS

Cement Concrete Crosswalks are required at the following locations: Mid-Block Crosswalks, Minor Intersections/Crossings, Significant Intersections.

- **Material:** 5,000 psi cement concrete
- **Crosswalk Width:** 12'-0" (Mid-Block Crosswalks - Raised); 14'-0" to 20'-0" (Minor Intersections Crosswalks - Raised/Curbless); 20'-0" to 22'-0" (Significant Intersections)
- **Pattern:** 1'-0" x 1'-0" grid scoring
- **Joints:** 1/8" width x 1/2" deep sawcuts
- **Finish:** Heavy Broom Finish
- **Alignment:** Perpendicular and parallel to back of curb
- **Concrete Color:** Natural standard gray
- **Crosswalk Stripe:** Thermoplastic, white

HARDSCAPE TREATMENT | ADA DETECTABLE WARNING SURFACE

CEMENT CONCRETE CROSSWALK SPECIFICATIONS

ADA Detectable Warning Surfaces are required at all crosswalk locations.

- **Color:** Yellow (Federal Color #33538)
**GATEWAY AND PUBLIC ART FEATURE LOCATIONS**

Gateway and Public Art is required at the following locations (per location key below):
- Center median east of Green River bridge
- Flanking on either side just east of Green River bridge
- Within right-of-way corners at Significant Intersection
- Underpass area of SR-167

Gateways and Public Art are welcoming elements that create a sense of arrival and passageway to a special place. They are located at key locations along Meeker Street.

*NOTE: Public art features on state routes are required follow the guidelines in WSDOT’s Design Manual chapter 950. A public art plan will be required.*

**WAYFINDING SIGNAGE LOCATIONS**

Wayfinding Signs are required at the following locations (per location key below):
- At all decision-making points along the Meeker Street corridor (all Streetscape Types)
- At all decision-making points at Mid-Block Crosswalks, Minor Intersections/Crossings, and Significant Intersections
- Actual final location shall be determined by City of Kent

**WAYFINDING SIGNAGE**

- Layout for wayfinding signage to be determined by the City of Kent
- Designs for wayfinding signs to be determined by the City Arts Commission and Council to create a cohesive signage system for the entire corridor

**KEY**

- Gateway feature location
- Wayfinding signage location
PEDESTRIAN LIGHTING SPECIFICATIONS

- **Manufacturer:** AEC Illumination Corp.
- **Model:** Delos 1 LED
- **Pole Spacing:** 60' to 80' on center
- **Mounting Height:** 14’, 1.5’ length single arm and dual arms
- **Layout Pattern:** Staggered with roadway scale luminaires
- **Color/Finish:** Federal color “dark gray” #26008, polyester powdercoat system
- **Irrigation:** Automatic drip system for flower baskets

STREET LIGHTING SPECIFICATIONS

- **Manufacturer:** AEC Illumination Corp.
- **Model:** Delos 2 LED
- **Pole Spacing:** 70’-90’ on center
- **Mounting Height:** 30’, 4’ length single arm
- **Layout Pattern:** Staggered
- **Color/Finish:** Federal color “dark gray” #26008, polyester powdercoat system
ILLUMINATION STANDARDS | ACCENT COLUMN LIGHTING

COLUMN LIGHTING LOCATIONS

Column Lighting is required at the following locations:
- Amenity Zones at Streetscape Type A (West of SR-167), Streetscape Type B, Streetscape Type C, near Significant Intersection, near Minor Intersections/Crossings and near Mid-Block Crosswalks

COLUMN LIGHTING SPECIFICATIONS

- Manufacturer: Forms + Surfaces *
- Model: Light Column, LPLCO-612
- Shield Patterns: Huron, Willow, Vertical, Horizontal
- Customization: Mounting arms for directional signs
- Installation Type: Embed
- Color/Finish: Dark gray metallic texture, powdercoat system

ILLUMINATION STANDARDS | ACCENT BOLLARD LIGHTING

BOLLARD LIGHTING LOCATIONS

Bollard Lighting is required at the following locations:
- Amenity Zones at Streetscape Type A, Streetscape Type B, Streetscape Type C and near Mid-Block Crosswalks

BOLLARD LIGHTING SPECIFICATIONS

- Manufacturer: Forms + Surfaces *
- Model: Light Column Bollard, LBLCO-504
- Shield Patterns: Kente, Perforated, Scape, Argyle
- Installation Type: Embed
- Color/Finish: Dark gray metallic texture, powdercoat system

*NOTE: Approved equal products shall match aesthetic look, feel, quality, materiality, and durability as standards specified herein.
DECORATIVE BOLLARD LOCATIONS

Decorative Bollards are optional for use at the following locations:

- Buffer and Amenity Zones at Streetscape Type A, Streetscape Type B, Streetscape Type C; 2'-0" from edge of roadway, 2'-6" min. from pathway edge

DECORATIVE BOLLARD SPECIFICATIONS

- **Concrete Manufacturer:** QCP QuickCrete Products *
- **Material:** Standard gray precast cement concrete
- **Model/Size:** Shear Q-SHR-B 36" tall x 10" wide, 193lbs.
- **Concrete Texture:** Exposed finish surface
- **Color/Sealer:** Slate gray, clear anti-graffiti coating
- **Installation Type:** Embed mount

- **Metal Manufacturer:** Fairweather Site Furnishings *
- **Material/Finish:** Stainless steel type 316, brush satin
- **Model/Size:** B-2 custom semi dome top, 6" dia. x 36" ht.; 60" overall length, 48" steel inner core
- **Sealer:** Clear anti-graffiti coating
- **Installation Type:** Embed mount

HEAVY DUTY BOLLARD LOCATIONS

Heavy Duty Bollards are required at the following locations:

- Significant Intersection and Minor Intersections/Crossings; 5'-0" O.C. typ., 3'-0" from edge of roadway

HEAVY DUTY BOLLARD SPECIFICATIONS

- **Metal Manufacturer:** Fairweather Site Furnishings *
- **Material/Finish:** Stainless steel type 316, brush satin
- **Model/Size:** B-2 custom semi dome top, 8" dia. x 36" ht.; 60" overall length, 48" galvanized steel inner core
- **Sealer:** Clear anti-graffiti coating
- **Installation Type:** Embed mount

*NOTE:* Approved equal products shall match aesthetic look, feel, quality, materiality, and durability as standards specified herein.
STANDARD BENCH LOCATIONS

Either option of Standard Bench can be chosen and are required for use in the following locations:

Standard Bench Type 1:
- Amenity Zones at Streetscape Type A, Streetscape Type B, Streetscape Type C, Mid-Block Crosswalks, Significant Intersections, and Minor Intersections/Crossings

Standard Bench Type 2:
- Amenity Zones at Streetscape Type A (West of SR-167), Streetscape Type B, Mid-Block Crosswalks, Significant Intersections, and Minor Intersections/Crossings

BENCH TYPE 1 SPECIFICATIONS

- Manufacturer: Forms+Surfaces *
- Model: Trio, backless and backed
- Size: 6' lengths
- Material: Cast aluminum frame, aluminum slats
- Colors: Silver gray and titanium gray
- Installation Type: Surface mount

BENCH TYPE 2 SPECIFICATIONS

- Manufacturer: Forms+Surfaces *
- Model: Balance, backless and backed
- Size: 6' lengths
- Material: Cast aluminum frame, stainless steel seats
- Colors: Silver gray and titanium gray
- Installation Type: Surface mount

*NOTE: Approved equal products shall match aesthetic look, feel, quality, materiality, and durability as standards specified herein.
MODULAR BENCH LOCATIONS

Modular Benches are required at the following locations:
• Amenity Zones west of Hwy 167 on Streetscape Type A, Streetscape Type B, Mid-Block Crosswalks, Significant Intersections, and Minor Intersections/Crossings

MODULAR SEATING SPECIFICATIONS

• Manufacturer: Landscape Forms, Inc.*
• Model: Escofet Milenio
• Size: Various configurations
• Material: Reinforced cast stone
• Color: Standard gray with waterproof finish

* NOTE: Approved equal products shall match aesthetic look, feel, quality, materiality, and durability as standards specified herein.
RECEPTACLE LOCATIONS

The either option for Receptacle can be chosen and are **required** for use at the following locations:

**Receptacle Type 1:**
- Amenity Zones at Streetscape Type A, Streetscape Type B, Streetscape Type C, Mid-Block Crosswalks, Significant Intersections, and Minor Intersections/Crossings

**Receptacle Type 2:**
- Amenity Zones at Streetscape Type A, Mid-Block Crosswalks, Significant Intersections, and Minor Intersections/Crossings, west of Hwy 167, and Streetscape Type B.

---

**RECEPTACLE TYPE 1 SPECIFICATIONS**

- **Manufacturer:** Forms+Surfaces *
- **Model:** Dispatch SLDIS-136
- **Material:** Solid cast aluminum construction
- **Description:** Hinged side-access doors, split-stream model
- **Polyethylene Liner:** 36 gal
- **Color:** Powdercoat titanium
- **Installation Type:** Surface mount

**RECEPTACLE TYPE 2 SPECIFICATIONS**

- **Manufacturer:** Landscape Forms *
- **Model:** Multiplicity, single
- **Description:** Front-deposit
- **Black Liner:** 18 gal
- **Color:** Prefinished anodized aluminum
- **Installation Type:** Embed mount

* **NOTE:** Approved equal products shall match aesthetic look, feel, quality, materiality, and durability as standards specified herein.
BICYCLE RACK LOCATIONS

The either option for Bicycle Rack can be chosen and are required for use at the following locations:

STANDARD BICYCLE RACK

- Amenity Clusters at Streetscape Type A, Streetscape Type B and Streetscape Type C

BICYCLE RACK SPECIFICATIONS

- Manufacturer: Forms+Surfaces *
- Model: Twist
- Material: Solid cast aluminum frame and cover plates
- Capacity: 2 bikes
- Color/Finish: Titanium and any RAL powder coat color
- Installation Type: Surface mount

CUSTOM BICYCLE RACK LOCATIONS

- Amenity Clusters at Streetscape Type A (only West of SR-167) and Streetscape Type B

CUSTOM BICYCLE RACK SPECIFICATIONS

- Manufacturer: SportWorks *
- Model: No Scratch in Circular or Tofino
- Material: Stainless steel, santoprene TPV soft pad
- Finish: Bead blasted
- Capacity: 2 bikes
- Installation Type: Surface mount

*NOTE: Approved equal products shall match aesthetic look, feel, quality, materiality, and durability as standards specified herein.
STREET FURNITURE STANDARDS | FREESTANDING PLANTER

FREESTANDING PLANTER LOCATIONS

Freestanding Planters are optional at the following locations:
- Amenity Clusters at Streetscape Type A - C (as noted), Significant Intersections and Minor Intersections/Crossings - Raised/Curbless

FREESTANDING PLANTER SPECIFICATIONS

**Low Bowl Round** | QR-GE2623 in Latte
Option is available for use only for Streetscape Type A, west of Hwy 167, and Streetscape Type B

- **Concrete Planter Manufacturer:** QCP QuickCrete Products *
- **Models:** Low Bowl Round, Crest Round
- **Material:** Steel reinforced precast concrete
- **Colors:** Natural, Latte, French Gray, Bungalow (colors may vary for each type)
- **Concrete Texture:** Craftsmans Etch
- **Concrete Sealer:** Standard gloss sealer per manufacturer

**Crest Round** | QR-CRE3630P in French Gray
Option is available for use for Streetscape Type A-C

- **Metal Planter Manufacturer:** Tournelsol Siteworks *
- **Model:** Wilshire Collection
- **Material:** Reinforced FRP fiberglass material, rectangular shapes, 1/8" - 3/16" wall thickness
- **Finish:** Metal-matched-paint (MMP) acrylic enamel finishes or metal-infused gelcoat.
- **Surface Texture:** T-1 texture
- **Sizes:** Varies, 4'-0" max width, 2'-6" max ht

- **Wood Planter Manufacturer:** Tournelsol Siteworks *
- **Models:** Boulevard Planters
- **Material:** FSC certified wood cladding with FRP fiberglass liner
- **Sizes:** Varies, 4'-0" max width x 2'-6" max ht

* **NOTE:** Approved equal products shall match aesthetic look, feel, quality, materiality, and durability as standards specified herein.
STREET FURNITURE STANDARDS | GRATES

TREE GRATE SPECIFICATIONS

- **Manufacturer:** Iron Age Designs *
- **Model:** Divisadero, DIX72-72I99TGHP
- **ADA Compliant:** Yes
- **Material:** Cast Grey Iron (ASTM A48 CL 25), raw finish
- **Spacing:** 26' O.C
- **Installation Type:** Standard or paver/adjustable with angle stock perimeter frame
- **Note:** Use of tree grates shall be reviewed and approved by City of Kent. Install per City of Kent details 6-36 and 6-55.

TRENCH DRAIN GRATE SPECIFICATIONS

- **Manufacturer:** Urban Accessories *
- **Model:** Vories
- **ADA Compliant:** Yes
- **Size:** 6"x18"
- **Material:** 100% Recycled Grey Iron (ASTM A48 class 35b), Recyclable Ductile Iron (ASTM A536, class 65-45-12)

STREET FURNITURE STANDARDS | POLE BANNERS AND ARMS

STANDARD POLE BANNER SPECIFICATIONS

- **Arm Manufacturer:** BannerSaver *
- **Arm Model:** Spring-loaded Roadway Pole Banner #5388794
- **Arm Material:** Cast aluminum, fiberglass single banner arms
- **Bracket and Arm Color/Finish:** Federal color “dark gray” #26008, polyester powdercoat system

- **Banner Manufacturer:** Britten *
  - **Banner Size:** 30" wide x 60" tall
  - **Banner Material:** Heavy duty 18 oz. premium vinyl, double-sided, 1" webbing with hems, grommets and wind flaps
  - **Banner Finish:** Matte

*NOTE: Approved equal products shall match aesthetic look, feel, quality, materiality, and durability as standards specified herein.*
UTILITY STANDARDS | DECORATIVE UTILITY COVERS

STANDARD MANHOLE COVER SPECIFICATIONS

- **Manufacturer:** Urban Accessories *
- **Model:** Varies
- **Size:** 24" dia
- **Material:** 100% recycled gray iron (ASTM A48 class 35b), Silicon Bronze (ASTM B26)
- **Finishes:** Hot-dipped galvanized steel, raw natural bronze finish

![Flat Rainbow](image1.png) ![Dandelion](image2.png) ![Manaco](image3.png)

UTILITY STANDARDS | UTILITY BOXES

All new or relocated utility boxes shall be wrapped as specified below.

UTILITY BOX SPECIFICATIONS

- **Manufacturer:** TrafficWrapz *
- **Model:** TW 360hd
- **Description:** TW 360C-OV fil provides graffiti-proof protection for large graphics and surfaces, UV protectant, fade-resistant with AdhesiveGuard protection, 1 mil thick with permanent acrylic pressure and heat sensitive assist roll laminators.
- **Note:** Graphics for wrap shall be reviewed and approved by the City of Kent.

* NOTE: Approved equal products shall match aesthetic look, feel, quality, materiality, and durability as standards specified herein.
**TRADITIONAL FORMLINER PATTERN**

- **Manufacturer**: AP Formliners *
- **Model**: Ledgestone Drystack #933
- **Material**: High reuse elastomeric
- **Pattern Description**: Randomly stacked ledgestone with roughed broken surface

**CONTEMPORARY FORMLINER PATTERN**

- **Manufacturer**: AP Formliners *
- **Model**: Ipswich #707
- **Material**: High reuse elastomeric
- **Pattern Description**: Vertical lines with merging joints with smooth surface

**NOTE**: Formliner patterns are specified for use on cast-in-place concrete retaining walls, installed as part of corridor improvements and which are visible to users along the street corridor.

**ANTI-GRAFFITI COATING SPECIFICATIONS**

- **Manufacturer**: Evonik Industries *
- **Product**: Protectosil ANTIGRAFFITI
- **Coating Description**: A waterborne breathable, clear, non-sacrificial, zero VOC, UV resistant, alkali resistant, non-yellowing, easy application, anti-graffiti treatment for use on concrete, brick, concrete masonry units and natural stone. Coating will not alter natural appearance of the substrate below.
- **Finish**: Matte

- **Manufacturer**: Sherwin Williams *
- **Product**: Anti-Graffiti Coating
- **Coating Description**: A clear, one-component, non-sacrificial, ready-to-use siloxane coating intended for use over bare concrete or previously painted concrete or steel surfaces. It cures with atmospheric moisture and offers excellent graffiti resistance and cleanability with water power-washing.
- **Finish**: Semi-gloss

*NOTE*: Approved equal products shall match aesthetic look, feel, quality, materiality, and durability as standards specified herein.
STREET TREE LOCATIONS

Street Trees are required at the following locations:
- In all *Planters within Buffer Zones at Streetscape Type A, Streetscape Type B, Streetscape Type C, as well as in Planted Roadway Medians.

STREET TREE SPECIFICATIONS

- **Species:** Nyssa sylvatica 'Wildfire'/ Wildfire Tupelo
  Ulmus propinqua 'JFS-Bieberich'/ Emerald Sunshine Elm
- **Layout:** Cluster in groups of 6-10 min of a single species, per layout diagram below.
- **Minimum Size:** 2.5" caliper, 12'-14' height
- **Standard Spacing:** Varies based on planter spacing; 25' min.
- **Standard Offsets:** Per City of Kent Standard Plans 6-50 and 6-54
- **Planting Requirements:** Per City of Kent Standard Plan 6-55
- **Irrigation Requirements:** Fully automatic irrigation system

*NOTE: Street Tree locations shall be determined based on required offsets from existing utilities and to meet sight distance requirements at driveways and intersections; locations must be approved by the City of Kent prior to installation. See Appendix A, page 52, for street tree photos.*
ACCENT TREE LOCATIONS

Accent Trees are required at the following locations:

* In all* Planter within Amenity Zones at Streetscape Type A, Streetscape Type B, Streetscape Type C, as well as in Planters at Mid-Block Crosswalks, Minor Intersections/Crossings and Significant Intersections.

ACCENT TREE SPECIFICATIONS

* **Species:** Amelanchier laevis 'JFS-Arb'/ Spring Flurry Serviceberry
  Cornus kousa x nuttallii 'KN4-43'/ Starlight Dogwood
  Magnolia acuminata 'Butterflies'/ Butterflies Magnolia
  Stewartia pseudocamellia/ Japanese Stewartia

* **Layout:** Maximum of (2) different species per block; cluster in groups of 3-5 min. of a single species, per layout diagram on page 45.

* **Minimum Size:** 2" caliper, 10'-12' height

* **Standard Spacing:** Varies based on planter spacing; 20' min.

* **Standard Offsets:** Per City of Kent Standard Plans 6-50 and 6-54.

* **Planting Requirements:** Per City of Kent Standard Plan 6-55.

* NOTE: Accent Tree locations shall be determined based on required offsets from existing utilities and to meet sight distance requirements at driveways and intersections; locations must be approved by the City of Kent prior to installation. See Appendix A, page 52, for accent tree photos.

Accent trees add visual variety to the streetscape and highlight special locations. They provide seasonal interest with flowers in the spring or summer and colorful foliage in the fall.
LANDSCAPE STANDARDS | PLANTERS

PLANTER LOCATIONS

Accent Trees are required at the following locations:
- Within Buffer Zones and Amenity Zones at Streetscape Type A, Streetscape Type B, Streetscape Type C, as well as in Planted Roadway Medians and within curb bulb-outs at Mid-Block Crosswalks, Minor Intersections/Crossings, and Significant Intersections.

PLANTER SPECIFICATIONS

- **Size:** Min. 20'-0" X 4'-0" for Planters within Buffer Zones and Amenity Zones; min. 120 SF for Planters within curb bulb-outs at Mid-Block Crossings and intersections.
- **Standard Spacing:** Planters within Amenity Zone shall be spaced between required amenity zone elements (see page 24); Planters within Buffer Zone shall be spaced based on roadway, on-street parking and luminaire layout*.
- **Soil Amendment Requirements:** Min. 24" depth topsoil and 2" depth bark mulch.
- **Recommended Species:** See plant schedule, page 48.

* NOTE: All Planter locations shall be determined based on roadway layout and sight distance requirements; planting plans to be approved by the City of Kent prior to installation.

Planters soften the streetscape, provide a buffer between sidewalk/pathway users and the roadway, and slow stormwater runoff. They provide seasonal interest with a mix of deciduous and evergreen shrubs, grasses, groundcovers and perennials.
# Landscape Standards | Planters

## Shrubs

<table>
<thead>
<tr>
<th>Species/ Variety</th>
<th>SUN</th>
<th>PART SHADE</th>
<th>SHADE</th>
<th>HT</th>
<th>SP</th>
<th>Other Varieties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berberis thunbergii 'Concorde'/ Concorde Japanese Barberry</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>2'</td>
<td>2'</td>
<td>'Goruzam'</td>
</tr>
<tr>
<td>Calluna vulgaris 'Aphrodite'/ Aphrodite Scotch Heather</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>1.5'</td>
<td>2'</td>
<td>'Athene'</td>
</tr>
<tr>
<td>Daphne x transatlantica 'Blafra'/ Eternal Fragrance Daphne</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>2.5'</td>
<td>2.5'</td>
<td>D. 'Carol Mackie'</td>
</tr>
<tr>
<td>Escallonia 'Newport Dwarf'/ Newport Dwarf Escallonia</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>3'</td>
<td>3'</td>
<td>'Compakta'</td>
</tr>
<tr>
<td>Fothergilla gardenii 'Blue Mist'/ Blue Mist Dwarf Fothergilla</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>3'</td>
<td>3'</td>
<td></td>
</tr>
<tr>
<td>Hebe pinguiifolia 'Sutherlandii'/ Sutherland Hebe</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>1.5'</td>
<td>2'</td>
<td>'Western Hills'</td>
</tr>
<tr>
<td>Kalmia latifolia 'Elf'/ Elf Dwarf Mountain Laurel</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>3'</td>
<td>3'</td>
<td>'Minuet'</td>
</tr>
<tr>
<td>Lavandula angustifolia 'Hidcote'/ Hidcote English Lavender</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>2'</td>
<td>2'</td>
<td>'Twinkle Purple'</td>
</tr>
<tr>
<td>Rhododendron 'Nancy Evans'/ Nancy Evans Rhododendron</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>3'</td>
<td>3'</td>
<td>'Percy Wiseman'</td>
</tr>
<tr>
<td>Sarcococca hookeriana var. humilis/ Dwarf Sweetbox</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>2'</td>
<td>4'</td>
<td></td>
</tr>
<tr>
<td>Spiraea japonica 'Galen'/ Double Play Artist Spirea</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>2.5'</td>
<td>3'</td>
<td>'Goldmound'</td>
</tr>
<tr>
<td>Vaccinium mupinense/ Himalayan Blueberry</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>1.5'</td>
<td>1.5'</td>
<td></td>
</tr>
</tbody>
</table>

## Grasses

<table>
<thead>
<tr>
<th>Species/ Variety</th>
<th>SUN</th>
<th>PART SHADE</th>
<th>SHADE</th>
<th>HT</th>
<th>SP</th>
<th>Other Varieties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acorus gramineus 'Ogon'/ Golden Variegated Sweet Flag</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>1'</td>
<td>.5'</td>
<td>'Oborozuki'</td>
</tr>
<tr>
<td>Carex testacea/ Orange New Zealand Sedge</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>1.5'</td>
<td>1.5'</td>
<td></td>
</tr>
<tr>
<td>Festuca amethystina 'Superbo'/ Purple Tufted Fescue</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>1.5'</td>
<td>1.5'</td>
<td></td>
</tr>
<tr>
<td>Hakonechloa macra 'Beni Kaze'/ Beni Kaze Japanese Forest Grass</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>1.5'</td>
<td>2'</td>
<td>'All Gold'</td>
</tr>
<tr>
<td>Sesleria autumnalis/ Autumn Moor Grass</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>1.5'</td>
<td>1.5'</td>
<td></td>
</tr>
</tbody>
</table>

## Groundcovers

<table>
<thead>
<tr>
<th>Species/ Variety</th>
<th>SUN</th>
<th>PART SHADE</th>
<th>SHADE</th>
<th>HT</th>
<th>SP</th>
<th>Other Varieties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asarum caudatum/ Western Wild Ginger</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>.5'</td>
<td>2'</td>
<td></td>
</tr>
<tr>
<td>Epimedium x perralchicum 'Frohnleiten'/ Hybrid Epimedium</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>1'</td>
<td>3'</td>
<td>E. x 'rubrum'</td>
</tr>
<tr>
<td>Geum 'Flames of Passion'/ Flames of Passion Avens</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>1'</td>
<td>2'</td>
<td>'Mango Lasi'</td>
</tr>
<tr>
<td>Helianthemum nummularium 'Fire Dragon'/ Fire Dragon Sunrose</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>1'</td>
<td>2'</td>
<td>'Wisley Pink'</td>
</tr>
<tr>
<td>Sedum spurium 'John Creech'/ John Creech Stonecrop</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>.5'</td>
<td>1.5'</td>
<td>'Dragon's Blood'</td>
</tr>
<tr>
<td>Veronica 'Watererry Blue'/ Watererry Blue Speedwell</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>.5'</td>
<td>1.5'</td>
<td>'Georgia Blue'</td>
</tr>
</tbody>
</table>

## Perennials

<table>
<thead>
<tr>
<th>Species/ Variety</th>
<th>SUN</th>
<th>PART SHADE</th>
<th>SHADE</th>
<th>HT</th>
<th>SP</th>
<th>Other Varieties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Achillea millefolium 'Walther Funcke'/ Walther Funcke Yarrow</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>2'</td>
<td>2'</td>
<td>'Appleblossom'</td>
</tr>
<tr>
<td>Armeria maritima/ Sea Thrift</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>.5'</td>
<td>1'</td>
<td>'Rubrufolia'</td>
</tr>
<tr>
<td>Hemerocallis 'Purple d'Oro'/ Purple d'Oro Daylily</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>1.5'</td>
<td>2'</td>
<td>'Ruby Stello'</td>
</tr>
<tr>
<td>Polystichum polyblepharum/ Tassel Fern</td>
<td>☀️</td>
<td>☀️</td>
<td>☀️</td>
<td>2'</td>
<td>2'</td>
<td></td>
</tr>
</tbody>
</table>

*NOTE: Plants within the ROW shall not exceed 36" mature height; planting plans to be approved by the City of Kent prior to installation. See Appendix A, page 52, for plant photos.*
PLANTED ROADWAY MEDIAN LOCATIONS

Planted Roadway Medians are required within roadway medians.

PLANTED ROADWAY MEDIAN SPECIFICATIONS

- **Tree Layout:** Street Trees shall be planted in groups of 3-5 min. and spaced per requirements on page 45; Accent Trees shall be planted in groups of 2-3 at median ends and mid-block crosswalk locations and spaces per requirements on page 46. All trees shall be located along the centerline of the median and adjusted based on sight distance requirements and existing utilities. See layout diagram on page 45*.

- **Soil Amendment Requirements:** Min. 36” depth topsoil and 2” depth bark mulch.

- **Recommended Plant Species:** See plant schedule, page 48.

*NOTE: Tree locations and planting plans to be approved by the City of Kent prior to installation.*

Planted Roadway Medians provide traffic calming by visually narrowing the roadway and enhance the streetscape aesthetic. They also reduce the amount of impervious surface on the roadway.
LOW-IMPACT DEVELOPMENT LOCATIONS

Rain gardens are optional* at the following locations:

* At Planters within Buffer Zones at Streetscape Type A, Streetscape Type B, Streetscape Type C, Streetscape Type D, Streetscape Type E, and Streetscape Type F, as well as in Planters at Mid-Block Crossings, Minor Intersections/Crossings and Significant Intersections.

<table>
<thead>
<tr>
<th>SHRUBS</th>
<th>SUN</th>
<th>PART SHADE</th>
<th>SHADE</th>
<th>EVERGREEN</th>
<th>1</th>
<th>2</th>
<th>HT</th>
<th>SP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cornus stolonifera 'Kelsey'/ Dwarf Red-Twig Dogwood</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>2'</td>
<td>2'</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rhododendron 'Purple Gem'/ Purple Gem Rhododendron</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>3'</td>
<td>3'</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spiraea betulifolia 'Tor'/ Tor Birchleaf Spirea</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>3'</td>
<td>3'</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GRASSES</th>
<th>SUN</th>
<th>PART SHADE</th>
<th>SHADE</th>
<th>EVERGREEN</th>
<th>1</th>
<th>2</th>
<th>HT</th>
<th>SP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carex elata 'Bowles Golden'/ Bowles Golden Sedge</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>1.5'</td>
<td>1.5'</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Juncus ensifolius/ Dagger-Leaf Rush</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>1'</td>
<td>1'</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Juncus tenera 'Blue Dart'/ Blue Dart Rush</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>1.5'</td>
<td>1.5'</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PERENNIALS</th>
<th>SUN</th>
<th>PART SHADE</th>
<th>SHADE</th>
<th>EVERGREEN</th>
<th>1</th>
<th>2</th>
<th>HT</th>
<th>SP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iris douglasiana/ Douglas Iris</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>1.5'</td>
<td>1.5'</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polystichum munitum/ Sword Fern</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>2'</td>
<td>2'</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sisyrinchium californicum/ Yellow-Eyed Grass</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>1'</td>
<td>1'</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*NOTE: Rain garden feasibility and potential locations shall be determined based on analysis by a stormwater engineer; locations must be approved by the City of Kent prior to installation. Plants within the ROW shall not exceed 36" mature height; planting plans to be approved by the City of Kent prior to installation. See Appendix A, page 52, for plant photos.

Rain gardens capture stormwater runoff from hard surfaces and release it slowly into the ground or back into the stormwater system. They are planted with wetland species that filter the runoff and can tolerate periodic flooding.
APPENDICES

Appendix A - Plant Photos ................................................................. pg. 52
Appendix B - Meeker Street Construction Standards ................... pg. 57
APPENDIX A: PLANT PHOTOS - STREET TREES

Nyssa sylvatica 'Wildfire' / Wildfire Tupelo

Ulmus propinquua 'JFS-Bieberich' / Emerald Sunshine Elm
APPENDIX A: PLANT PHOTOS - ACCENT TREES

Amelanchier laevis 'JFS-Arb'
Spring Flurry Serviceberry

Cornus kousa x nuttallii 'KN4-43'
Starlight Dogwood

Magnolia acuminata 'Butterflies'
Butterflies Magnolia

Stewartia pseudocamellia
Japanese Stewartia
APPENDIX A: PLANT PHOTOS - SHRUBS & GROUNDCOVERS

Berberis thunbergii 'Concorde' / Concorde Japanese Barberry

Calluna vulgaris 'Aphrodite' / Aphrodite Scotch Heather

Daphne x transatlantica 'Blafra' / Eternal Fragrance Daphne

Escallonia 'Newport Dwarf' / Newport Dwarf Escallonia

Fothergilla gardenii 'Blue Mist' / Blue Mist Dwarf Fothergilla

Hebe pinguifolia 'Sutherlandii' / Sutherland Hebe

Kalmia latifolia 'Elf' / Elf Dwarf Mountain Laurel

Lavandula angustifolia 'Hidcote' / Hidcote English Lavender

Rhododendron 'Nancy Evans' / Nancy Evans Rhododendron

Sarcococca hookeriana var. humilis / Dwarf Sweetbox

Spiraea japonica 'Galen' / Double Play Artist Spirea

Vaccinium moupinense / Himalayan Blueberry

Acorus gramineus 'Ogon' / Golden Variegated Sweet Flag

Carex testacea / Orange New Zealand Sedge

Festuca amethystina 'Superba' / Purple Tufted Fescue
APPENDIX A: PLANT PHOTOS - SHRUBS & GROUNDCOVERS

Hakonechloa macro "Beni Kaze"/
Beni Kaze Japanese Forest Grass

Sesleria autumnalis/
Autumn Moor Grass

Asarum caudatum/
Western Wild Ginger

Epimedium x perralchicum "Frohnleiten"/
Hybrid Epimedium

Geum "Flames of Passion"/
Flames of Passion Avens

Helianthemum nummularium "Fire Dragon"/
Fire Dragon Sunrose

Sedum spurium "John Creech"/
John Creech Stonecrop

Veronica "Waterperry Blue"/
Waterperry Blue Speedwell

Achillea millefolium "Walther Funcke"/
Walther Funcke Yarrow

Armeria maritima/
Sea Thrift

Hemerocallis "Purple d'Oro"/
Purple d'Oro Daylily

Polystichum polyblepharum/
Tassel Fern
APPENDIX A: PLANT PHOTOS - RAINGARDEN PLANTS

C. stolonifera ‘Kelseyi’/
Dwarf Red-Twig Dogwood

Spiraea betulifolia ‘Tor’/
Tor Birchleaf Spirea

Rhododendron ‘Purple Gem’/
Purple Gem Rhododendron

C. elata ‘Bowles Golden’/
Bowles Golden Sedge

Juncus ensifolius/
Dagger-Leaf Rush

Juncus tenius ‘Blue Dart’/
Blue Dart Rush

I. douglasiana/
Douglas Iris

Polystichum munitum/
Sword Fern

Sisyrinchium californicum/
Yellow-Eyed Grass
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NOTES:
1. BENCH TYPE 1 SHALL BE BACKLESS AND BACKED "TRIO" BY FORMS+SURFACES, OR APPROVED EQUAL.
2. BENCH TYPE 1 SHALL BE "SILVER GRAY" AND "TITANIUM GRAY" CAST ALUMINUM FRAME, ALUMINUM SLATS.
3. BENCH TYPE 1 SHALL BE INSTALLED SURFACE MOUNT, LEVEL AND PLUMB.
4. APPLIES TO AMENITY ZONES AT STREETSCAPE TYPE A-C.
5. APPLIES TO AMENITY ZONES NEAR SIGNIFICANT INTERSECTIONS, MINOR INTERSECTIONS/CROSSINGS, AND MID-BLOCK CROSSINGS.

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION IS KEPT ON FILE AT THE CITY OF KENT. A COPY MAY BE OBTAINED UPON REQUEST.
NOTES:
1. BENCH TYPE 2 SHALL BE BACKED AND BACKLESS "BALANCE" BY FORMS+SURFACES, OR APPROVED EQUAL.
2. BENCH TYPE 2 SHALL BE "SILVER GRAY" AND "TITANIUM GRAY" CAST ALUMINUM FRAME, ALUMINUM SLATS.
3. BENCH TYPE 2 SHALL BE INSTALLED SURFACE MOUNT.
4. APPLIES TO AMENITY ZONES AT STREETSCEP TYPE A-8.
5. APPLIES TO AMENITY ZONES NEAR SIGNIFICANT INTERSECTIONS, MINOR INTERSECTIONS/CROSSINGS, AND MID-BLOCK CROSSINGS.
PI.ANTER AREA, TYP. CONCRETE PAVER, TYP.

SCORED CEMENT CONCRETE SIDEWALK OR PATHWAY, TYP.

PLAN CALLOUT

CONCRETE AREA, TYP.

NOTES:
1. MODULAR BENCH SHALL BE "ESCOFET MILENIO" BY LANDSCAPE FORMS, OR APPROVED EQUAL.
2. MODULAR BENCH SHALL BE REINFORCED "STANDARD GRAY" CAST STONE WITH WATERPROOF FINISH.
3. MODULAR BENCH SHALL BE INSTALLED FREESTANDING, LEVEL AND PLUMB.
4. APPLIES TO AMENITY ZONES NEAR SIGNIFICANT INTERSECTIONS, MINOR INTERSECTIONS/CROSSINGS, AND MID-BLOCK CROSSINGS.

FINISH GRADE

FRONT ELEVATION

SIDE ELEVATION

FINISH GRADE

FRONT ELEVATION

STRAIGHT MODULAR BENCH PLAN

FINISH GRADE

SECTION

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CITY OF KENT
ENGINEERING DEPARTMENT

MEEEKER STREET
BICYCLE RACK TYPE 1

DESIGNED
DRAWN
CHECKED
APPROVED

SCALE
NONE

DATE

X--X

JEFFREY BIEBER
Secretary of State
State of Washington

KENT
Washington

DRAFT

REGISTERED PROFESSIONAL ENGINEER

NOTE:

1. BICYCLE RACK TYPE 1 SHALL BE "TWIST" MULTI-RACK FROM FORMS AND SURFACE, OR APPROVED EQUAL.
2. BICYCLE RACKS SHALL HAVE TITANIUM AND ANY RAL POWDER COAT COLOR.
3. INSTALL BICYCLE RACK TYPE 1 EMBED MOUNT, LEVEL AND PLUMB ACCORDING TO MANUFACTURER'S RECOMMENDED METHOD AND HARDWARE.
4. APPLIES TO STREETSCAPE TYPES A-C.
NOTES:

1. BICYCLE RACK TYPE 2 SHALL BE "NO SCRATCH" IN CIRCULAR OR TOFINO MULTI-RACK FROM SPORT WORKS, OR APPROVED EQUAL.
2. BICYCLE RACKS SHALL HAVE BEAD BLASTED FINISH.
3. INSTALL BICYCLE RACK SURFACE MOUNT, LEVEL AND PLUMB ACCORDING TO MANUFACTURER'S RECOMMENDED METHOD AND HARDWARE.
4. APPLIES TO STREETSCAPE TYPES A-B.
NOTES:
1. LITTER RECEPTACLE TYPE 1 SHALL BE "DISPATCH", 36 GALLON MANUFACTURED BY FORMS + SURFACES, OR APPROVED EQUAL.
2. LID COLOR SHALL BE MANUFACTURER POLYESTER POWDERCOAT WITH "SLATE TEXTURE".
3. BODY COLOR SHALL BE MANUFACTURER POLYESTER POWDERCOAT "ALUMINUM TEXTURE" WITH ANTI-GRAFFITI COATING.
4. LITTER & RECYCLE RECEPTACLE TYPE 1 SHALL BE SURFACE MOUNT INSTALLATION, LEVEL AND PLUMB.
NOTES:

1. LITTER RECEPTACLE TYPE 2 SHALL BE "MULTIPLICITY", (1) 18 GALLON LINER MANUFACTURED BY LANDSCAPE FORMS, OR APPROVED EQUAL.
2. COLOR SHALL BE MANUFACTURER POLYESTER POWDERCOAT WITH "ALUMINUM".
3. LITTER RECEPTACLE TYPE 2 SHALL BE SURFACE MOUNT INSTALLATION, LEVEL AND PLUMB.
4. APPLIES TO STREETSIDE TYPE A-C.
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1. METAL BOLLARD SHALL BE B-2 CUSTOM WITH DOME TOP IN STAINLESS STEEL TYPE 316, BY FAIRWEATHER SITE FURNISHINGS, OR APPROVED EQUAL.

2. FINISH SHALL BE IN BRUSH SATIN WITH CLEAR ANTI-GRAFFITTI COATING.

3. MANUFACTURER EMBED MOUNT SHALL BE PLUMB AND INSTALLED PER MANUFACTURER INSTRUCTIONS.

4. APPLIES TO SIGNIFICANT INTERSECTIONS AND MINOR INTERSECTIONS/CROSSINGS
NOTES:
1. CONCRETE BOLLARD SHALL BE "SHEAR" PRECAST BOLLARD Q-SHR-3, BY QCp QUICKCRETE PRODUCTS, OR APPROVED EQUAL.
2. PRECAST CONCRETE SHALL BE SLATE GRAY WITH EXPOSED ETCHED FINISH AND ANTI-GRAFFITI COATING.
3. EMBED MOUNT SHALL BE PLUMB AND INSTALLED PER MANUFACTURER INSTRUCTIONS.
4. ALL EDGES SHALL BE EASED.
5. MANUFACTURING TOLERANCES SHALL BE ± ¼".
6. APPLIES TO STREETSCAPE TYPE A-B

C/L OF BOLLARD

CONCRETE BOLLARD @ 5’ O.C. SPACING
CEMENT CONCRETE CURB
FACE OF CURB
SCORED CEMENT CONCRETE SIDEWALK

PLAN

SCORE JOIN, TYPICAL (SEE STDC-12)

3'-0"

C/L OF BOLLARD

(3) #4 VERTICAL REBAR
BOLLARD
(4) PENCIL ROD TIES

¼" DIA. X 4¼" LENGTH ANCHOR BOLTS
SIKAFLEX
FINISH GRADE PAVEMENT

2" DIA. X 4½" DEEP GRAOUT POCKETS
CEMENT CONCRETE FOOTING

EMBED MOUNT SECTION

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NOTES:
1. HEAVY DUTY METAL BOLLARD SHALL BE B-2 CUSTOM WITH DOME TOP IN STAINLESS STEEL TYPE 316, BY FAIRWEATHER SITE FURNISHINGS, OR APPROVED EQUAL.

2. FINISH SHALL BE IN BRUSH SATIN WITH CLEAR ANTI-GRAFFITTI COATING.

3. MANUFACTURER EMBED MOUNT SHALL BE PLUMB AND INSTALLED PER MANUFACTURER INSTRUCTIONS.

4. APPLIES TO STREETSACE TYPE A-C.
NOTES:

1. SPRING-LOADED ROADWAY POLE BANNER BRACKET SYSTEM SHALL BE BANNERSAVER PATENT #5388794, OR APPROVED EQUAL.

2. METALLIC POLYESTER POWDER COAT SYSTEM SHALL MATCH POLE COLOR, FEDERAL COLOR #26008, DARK GREY

3. BANNERS SHALL NOT INTERFERE WITH THE VISIBILITY OF TRAFFIC SIGNALS OR SIGNS OR IDENTIFIED HISTORIC OR ARTISTIC INSTALLATIONS.

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NOTES:

1. CLEAN SCORE JOINT BY SAWCUT OR TOOLED. NO RADIUS ON EDGE. NO SMOOTH FLANGE TOOLING ON EITHER SIDE OF JOINT.
NOTES:
1. CLEAN SCORE JOINT BY SAWCUT OR TOOLED. NO RADIUS ON EDGE.
   NO SMOOTH FLANGE TOOLING ON EITHER SIDE OF JOINT.
NOTES:

1. SQUARE ACCENT PAVER SHALL BE 12"X12" MODULAR PAVER BY STEPSTONE, INC. OR APPROVED EQUAL.

2. LINEAR ACCENT PAVER SHALL BE NARROW MODULAR PAVER BY STEPSTONE, INC. OR APPROVED EQUAL.

3. ALL PAVERS TO MATCH CROSS AND LOGITUDINAL SLOPE OF CONCRETE SIDEWALK AND/OR ADJACENT PAVER.
NOTES:

1. HEXAGON CONCRETE PAVER SHALL BE TEXTURA DESIGNS, MODEL P12, OR APPROVED EQUAL.

2. ALL PAVERS TO MATCH CROSS AND LONGITUDINAL SLOPE OF CONCRETE SIDEWALK AND/OR ADJACENT PAVER.
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**NOTES:**

1. ORIENTATION LOCATIONS:
   - HANDHOLE ACCESS DOOR SHALL BE MOUNTED AT 180°
   - RECEPTACLE SHALL BE MOUNTED AT 0°
   - CARFLEX CONDUIT, AND IRRIGATION HOLE SHALL BE MOUNTED AT 90° AND 270°
2. NEW AND EXISTING UTILITIES MUST BE SHOWN ON DEVELOPMENT PLANS WITH APPROPRIATE CLEARANCES. ANY FIELD ADJUSTMENTS MUST BE APPROVED BY CITY.
3. FOUNDATION SHALL BE PER CITY OF KENT STANDARD PLAN 6-89. TOP OF FOUNDATION SHALL BE LOCATED BELOW SIDEWALK, AT BOTTOM OF SIDEWALK ELEVATION. ANCHOR BOLT LENGTH SHALL BE EXTENDED 6" ABOVE TOP OF SIDEWALK. LUMINAIRE POLE BASE PLATE SHALL BE INSTALLED ON TOP OF SIDEWALK.

**LUMINAIRE:**

1. LUMINAIRE MANUFACTURER: AEC ILLUMINATION CORP - DELOS 1 LED STU-M 3.5-2M
2. ALUMINUM HOUSING WITH QUICK INSTALLATION SYSTEM (QIS)
3. LED, 3000K CCT, FLAT LENS

**PEDESTRIAN LIGHTING:**

1. LUMINAIRE ARM, BASE, AND POLE SHALL BE METALLIC POLYESTER POWDER COAT SYSTEM BY TIGER DRYLAC, "GREY METALLIC" WITH ANTI-GRAFFITI PROPERTIES, RAL #09/80340, OR APPROVED EQUAL.
2. FLOWER BASKET AND ATTACHMENTS SYSTEM PER MEEKER STREET STANDARDS.

**DRAFT**

**CITY OF KENT**

**ENGINEERING DEPARTMENT**

**MEEKER STREET**

**PEDESTRIAN LUMINARIE AND POLE**

**DESIGNED:**

**DRAWN:**

**CHECKED:**

**APPROVED:**

**SCALE:**

**DATE:**

**STANDARD PLAN**

**X-X**
NOTES:

1. ORIENTATION LOCATIONS:
   * HANDHOLE ACCESS DOOR SHALL BE MOUNTED AT 180°
   * RECEPTACLE SHALL BE MOUNTED AT 90°
   * CARFLEX CONDUIT, AND IRRIGATION HOLE SHALL BE MOUNTED AT 90° AND 270°

2. NEW AND EXISTING UTILITIES MUST BE SHOWN ON DEVELOPMENT PLANS WITH APPROPRIATE CLEARANCES. ANY FIELD ADJUSTMENTS MUST BE APPROVED BY CITY.

3. FOUNDATION SHALL BE PER CITY OF KENT STANDARD PLAN 6-99. TOP OF FOUNDATION SHALL BE LOCATED BELOW SIDEWALK, AT BOTTOM OF SIDEWALK ELEVATION. ANCHOR BOLT LENGTH SHALL BE EXTENDED 6" ABOVE TOP OF SIDEWALK. LUMINAIRE POLE BASE PLATE SHALL BE INSTALLED ON TOP OF SIDEWALK.

LUMINAIRE:

1. LUMINAIRE MANUFACTURER: AEC ILLUMINATION CORP - DELOS 1 LED STU-M 3.5-2M
2. ALUMINUM HOUSING WITH QUICK INSTALLATION SYSTEM (QIS)
3. LED, 3000K CCT, FLAT LENS

PEDESTRIAN LIGHTING:

1. LUMINAIRE ARM, BASE, AND POLE SHALL BE POLYESTER POWDER COAT SYSTEM BY TIGER DRYLAC, WITH ANTI-GRAFFITI PROPERTIES, FEDERAL COLOR #26008, OR APPROVED EQUAL.
2. POLES SHALL BE HOT DIPPED GALVANIZED.
3. FLOWER BASKET AND ATTACHMENTS SYSTEM PER MEKER STREET STANDARDS.

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NOTES:

1. ORIENTATION LOCATIONS:
   * HANDHOLE ACCESS DOOR SHALL BE MOUNTED AT 180°
   * RECEPTACLE SHALL BE MOUNTED AT 180°
   * BANNER ARMS SHALL BE MOUNTED AT 0°
2. NEW AND EXISTING UTILITIES MUST BE SHOWN ON DEVELOPMENT PLANS WITH APPROPRIATE CLEARANCES. ANY FIELD ADJUSTMENTS MUST BE APPROVED BY CITY.
3. FOUNDATION SHALL BE PER CITY OF KENT STANDARD PLAN 6-89.
   TOP OF FOUNDATION SHALL BE LOCATED BELOW SIDEWALK, AT BOTTOM OF SIDEWALK ELEVATION. ANCHOR BOLT LENGTH SHALL BE EXTENDED 5' ABOVE TOP OF SIDEWALK. LUMINAIRE POLE BASE PLATE SHALL BE INSTALLED ON TOP OF SIDEWALK

LUMINAIRE:
1. LUMINAIRE MANUFACTURER: AEC ILLUMINATION CORP.
   DELOS 2
2. ALUMINUM HOUSING WITH QUICK INSTALLATION SYSTEM (QIS)
3. LED, 3000K CCT, 525mA MAX DRIVE CURRENT, FLAT LENS

STREET LIGHTING:
1. LUMINAIRE ARM, BASE, AND POLE SHALL BE POLYESTER POWDER COAT SYSTEM BY TIGER DRYLAC, WITH ANTI-GRAFFITI PROPERTIES, FEDERAL COLOR #26008, OR APPROVED EQUAL.
2. POLES SHALL BE HOT DIPPED GALVANIZED.
3. BANNER ARMS ATTACHMENTS SYSTEM PER MEEKER STREET STANDARDS.

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NOTES:

1. Accent column lighting shall be illuminated "Light Column Series 600" model LPLC-612 with 180° or 360° perforated shield, UL, C-UL, ETL and C-ETL listed, by Forms+Surfaces, or approved equal.

2. LED shall be 32W custom LED light engine in 3000K.

3. Finish shall be stainless steel with anti-graffiti coating.

4. Manufacturer embed mount shall be plumb and installed per manufacturer instructions.

5. Directional sign, design to be determined by city.

6. Conduit per plans towards curb side.

7. Scored cement concrete sidewalk.

8. Column, slide cover down to cover J-bolt and base plate.


10. Finish grade pavement.

11. (4) 1/8"-13 x 18" galvanized steel J-bolt anchors.

12. Cement concrete footing with # rebar.

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NOTES:

1. ACCENT BOLLARD LIGHTING SHALL BE ILLUMINATED "LIGHT COLUMN SERIES 500" MODEL LBLC-504 WITH 180° OR 360° PERFORATED SHIELD, UL, C-UL, ETL AND C-ETL LISTED, BY FORMS+SURFACES, OR APPROVED EQUAL.

2. LED SHALL BE 17W CUSTOM LED LIGHT ENGINE WITH PERFORMANCE CREE® LEDS IN 3000K.

3. FINISH SHALL BE STAINLESS STEEL WITH ANTI-GRAFFITI COATING.

4. MANUFACTURER EMBED MOUNT SHALL BE PLUMB AND INSTALLED PER MANUFACTURER INSTRUCTIONS.
NOTES:

1. 1/4" MICROTBURING FOR FLOWER BASKETS IRRIGATION SHALL BE BLACK AND UV RESISTANT.
2. WATER EMITTERS FOR FLOWER BASKETS SHALL BE A 360 DEGREE MINI SPRAY EMITTER, CAPABLE OF OPERATING FROM 15 TO 45 PSI, RADIUS OF 18" @ 20PSI (EMITTING APPROX. 10.3 GPH), WITH FLOW ADJUSTMENT AND SHUT OFF OPTION. THE EMITTER SHALL BE SUITABLE FOR 1/4" MICRO TUBING, INSTALLED ON SPIKE. ALL MATERIALS SHALL BE UV STABILIZED. PROVIDE TWO PER FLOWER BASKET.
3. DRIP ACCESS VALVE BOXES INSTALLED IN PAVEMENT AND PLANTERS SHALL BE 12"X12"X18" COMPOSITE BODY HD POLYMER CONCRETE COMBINED WITH SHEET MOLDING COMPOUND, RATED FOR INCIDENTAL, NON-DELIBERATE VEHICLE TRAFFIC. COVER AND RING SHALL BE MADE OF HIGH DENSITY LIGHT WEIGHT POLYMER CONCRETE AND SLIP RESISTANT. COVER SHALL BE MARKED PERMANENTLY "IRRIGATION" OR "IRR". LID COLOR SHALL BE GRAY, FLUSH WITH VANDAL PROOF BOLT. PROVIDE 3 KEYS FOR BOLT.

4. LOW FLOW VALVE ASSEMBLY SHALL BE COMBINATION OF 1/2" LOW FLOW VALVE SPECIFICALLY DESIGNED FOR Drip IRRIGATION WITH FLOW OPERATING RANGE OF 0.2 TO 5.0GPM, INLET PRESSURE 20-150PSI AND COMBINED 1/2" PRESSURE-REGULATING FILTER. LOW FLOW VALVE SHALL BE CAPABLE OF HANDLING PARTICLES AT LOW FLOW RATE. LOW FLOW VALVE AND PRESSURE-REGULATING FILTER SHALL HAVE REGULATED PRESSURE OF 30PSI AND 2000 (STAINLESS STEEL) MESH FILTRATION.
5. FURNISH AND INSTALL TUBING FROM PAVEMENT OR PLANTING AREA VALVE BOX CONNECTION TO LUMINAIRE POLE AND UP TO ACCESS HOLE PROVIDED FOR MICROTBURING AT FLOWER BASKET ARMS. SPLIT SUPPLY LINE OUTSIDE POLE WITH 1/4" BARBED TEE TO SUPPLY MICROTBURING TO EACH HANGING BASKET. COIL 3" EXCESS (MIN.) MICROTBURING TO EACH BASKET LOCATION. TIE TUBING TO BASKET ARMS NEATLY WITH BLACK WIRE TIES OR OTHER APPROVED FASTENER.
6. FURNISH REQUIRED NUMBER OF Drip EMITTERS AND SPIKES FOR FLOWER BASKETS
7. APPLIES TO STREETSCAPE TYPES 3 CORE AND 4.
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NOTES:
1. Tree pit shall not be less than (3) times root ball dia.
2. Cut all ties and fold back burlap from upper 1/3 of rootball.
3. Remove all plastic and twine.
4. Water thoroughly after planting tree stakes perpendicular to prevailing wind.
5. Plant trees 1" higher than depth grown in nursery.
6. Remove tree staking after one year.
NOTES:

1. STAMPED CEMENT CONCRETE PAVEMENT PATTERN AND COLOR SHALL BE CITY APPROVED.
2. STAMPED PATTERN INSIDE JOINTS SHALL HAVE APPEARANCE OF A CLEAN GROUT JOINT APPROXIMATELY 1/8" WIDE AND 1/8" DEEP.
3. EXPANSION JOINTS SHALL BE 10 FEET APART.
NOTES:

1. CLEAN SCORE JOINT BY SAWCUT ONLY. NO RADIUS ON EDGE. NO SMOOTH FLANGE TOOLING ON EITHER SIDE OF JOINT.

2. ADA DETECTABLE WARNING SURFACE SHALL BE "YELLOW" (FEDERAL COLOR NO 33538) BY ARMOR TILE TACTILE SYSTEMS, OR APPROVED EQUAL.
NOTES:

1. CLEAN SCORE JOINT BY SAWCUT ONLY. NO RADIUS ON EDGE. NO SMOOTH FLANGE TOOLING ON EITHER SIDE OF JOINT.

2. ADA DETECTABLE WARNING SURFACE SHALL BE "YELLOW" (FEDERAL COLOR NO 33538) BY ARMOR TILE TACTILE SYSTEMS, OR APPROVED EQUAL.

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2. ADA DETECTABLE WARNING SURFACE SHALL BE "YELLOW" (FEDERAL COLOR NO 33538) BY ARMOR TILE TACTILE SYSTEMS, OR APPROVED EQUAL.

- CEMENT CONCRETE SIDEWALK
- ADA DETECTABLE WARNING SURFACE
- BOTTOM OF RAMP
- THERMOPLASTIC CROSSWALK STRIPING, TYP.
- 1'x1' SCORED CEMENT CONCRETE CROSSWALK PAVEMENT
- 6'x6' SCORED CEMENT CONCRETE RAMP PAVEMENT

AXOMETRIC

- ADA DETECTABLE WARNING SURFACE, TYP.
- THERMOPLASTIC CROSSWALK STRIPING, TYP.
- 1'x1' SCORED CEMENT CONCRETE
- 6'x6' SCORED CEMENT CONCRETE INTERSECTION, TYP.
- CEMENT CONCRETE CURB

PLAN

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CITY OF KENT
ENGINEERING DEPARTMENT

MEEKER STREET
RAISED MID-BLOCK CROSSWALK DETAIL

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STATE OF WASHINGTON, COUNTY OF KING }  
AFFIDAVIT OF PUBLICATION

PUBLIC NOTICE
Linda M Mills, being first duly sworn on oath that she is the Legal Advertising Representative of the

Kent Reporter

a weekly newspaper, which newspaper is a legal newspaper of general circulation and is now and has been for more than six months prior to the date of publication hereinafter referred to, published in the English language continuously as a weekly newspaper in King County, Washington. The Kent Reporter has been approved as a Legal Newspaper by order of the Superior Court of the State of Washington for King County.

The notice in the exact form annexed was published in regular issues of the Kent Reporter (and not in supplement form) which was regularly distributed to its subscribers during the below stated period. The annexed notice, a:

Public Notice

was published on December 15, 2017.

The full amount of the fee charged for said foregoing publication is the sum of $331.17.

Linda Mills
Legal Advertising Representative, Kent Reporter
Subscribed and sworn to me this 15th day of December, 2017.