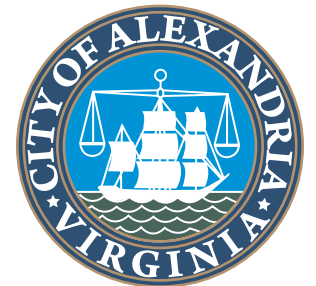


# ALEXANDRIA WATERFRONT COMMON ELEMENTS

## DESIGN GUIDELINES

SEPTEMBER 7, 2016



# ALEXANDRIA WATERFRONT COMMON ELEMENTS DESIGN GUIDELINES

BOARD OF ARCHITECTURAL REVIEW ACTION  
SEPTEMBER 7, 2016

Approved, 7-0, with the following conditions:

1. To the greatest extent possible, the lower boardwalk along the promenade should be constructed of durable wood (natural or modified) rather than a composite material.
2. The associated year (1749 or 1845) should be engraved at regular intervals for the shoreline and pier line demarcations.

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prepared by

## OLIN

LANDSCAPE ARCHITECTURE / URBAN DESIGN / PLANNING

WWW.THEOLINSTUDIO.COM

### PHILADELPHIA

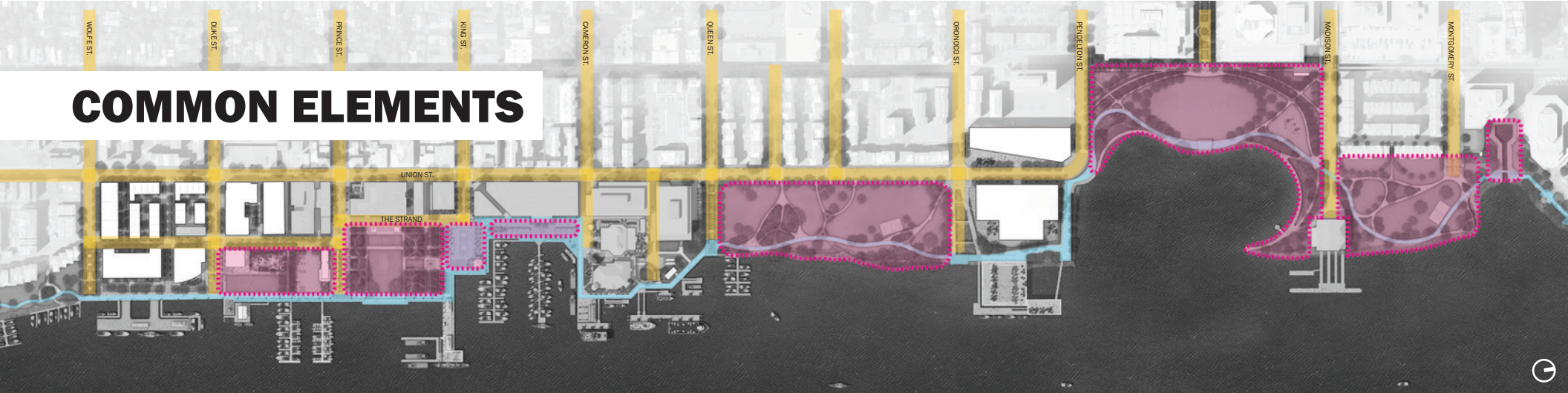
PUBLIC LEDGER BUILDING, SUITE 1123  
150 SOUTH INDEPENDENCE MALL WEST  
PHILADELPHIA, PA 19106  
TEL 215.440.0030 / FAX 215.440.0041

### LOS ANGELES

5900 WILSHIRE BOULEVARD, SUITE 401  
LOS ANGELES, CA 90036  
TEL 323.387.3598



# COMMON ELEMENTS



## WATERFRONT SPACES

### STREETS

Connect the City of Alexandria to its waterfront through the street grid. Use these corridors to bring City Standard elements (site furnishings, paving, street trees, and lighting) into the waterfront spaces to create a strong visual connection between the City and its waterfront.

### PROMENADE

Emphasize the water's edge as an organizing element. The promenade at the water's edge has a unique and consistent set of materials and elements that allows visitors from the land, as well as the water, to better recognize the connectivity of the waterfront's variety of spaces and amenities.

### WATERFRONT ROOMS

Celebrate the variety of experiences (existing and proposed) along the entire waterfront. These rooms will visually support the distinct programmatic elements, historic themes, and opportunities proposed within the specific sites.

## PAVING



## ART AND HISTORY



## LIGHTING





# COMMON ELEMENTS

## COMMON ELEMENTS

### STREETS

- brick streets/sidewalk
- granite curb
- cobble gutter
- raised table transition
- raised table field
- crosswalk
- detectable warning
- historic Alexandria street light
- historic shoreline banding
- mounting blocks
- site furnishings (City of Alexandria standard furnishings)
  - bicycle rack
  - drinking fountain
  - trash/recycling receptacle
  - bench
  - bollard

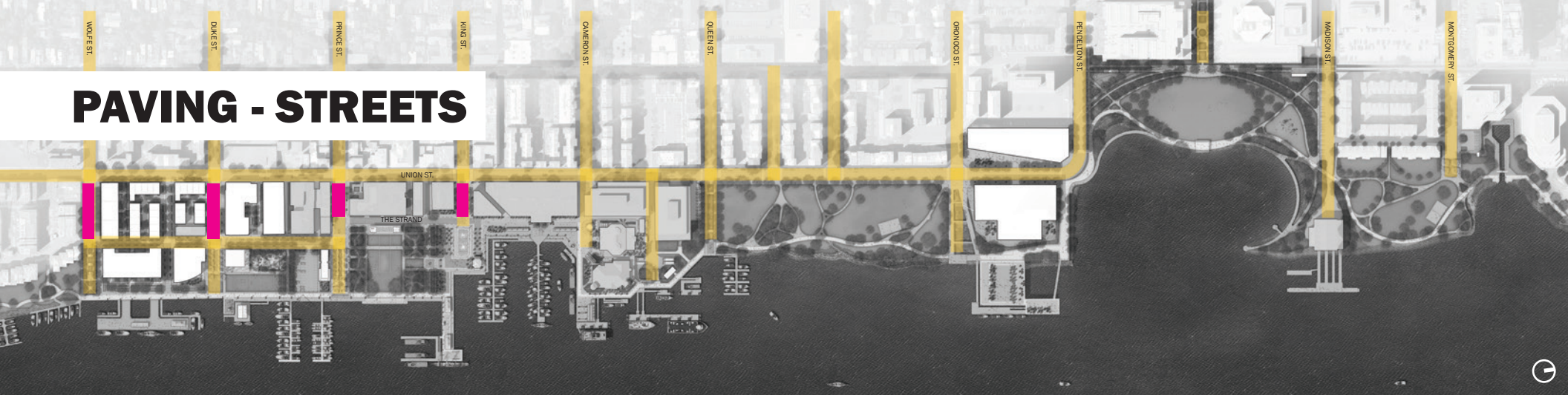
### PROMENADE

- promenade banding
- promenade paving (core only)
- wood decking
- promenade light (with and without lower boardwalk)
- historic shoreline banding

### WATERFRONT ROOMS

- promenade light (through park)
- historic shoreline banding

# PAVING - STREETS



## BRICK SIDEWALK / BRICK STREET / RAISED TABLE FIELD

ALEXANDRIA CITY STANDARD  
BRICK PAVERS/VEHICULAR PAVERS  
RED - FULL RANGE

Vehicular-rated pavers in areas of vehicular use. Vehicular pavers to match sidewalk pavers.



## GRANITE CURB

NEUTRAL, LIGHT GRAY  
GRANITE, THERMAL FINISH



## CROSSWALK

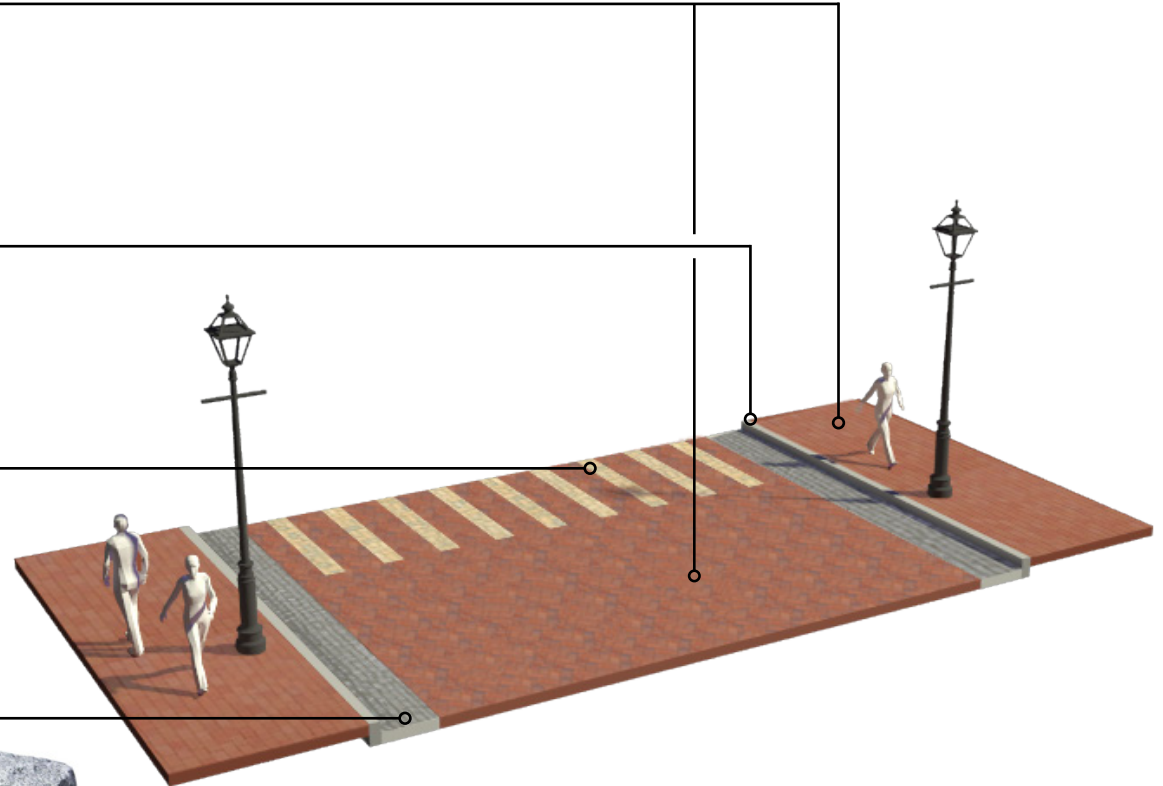
VEHICULAR BRICK PAVER  
LIGHT TAN/BEIGE/OFF-WHITE  
SINGLE RANGE

Provides contrast striping with street brick.



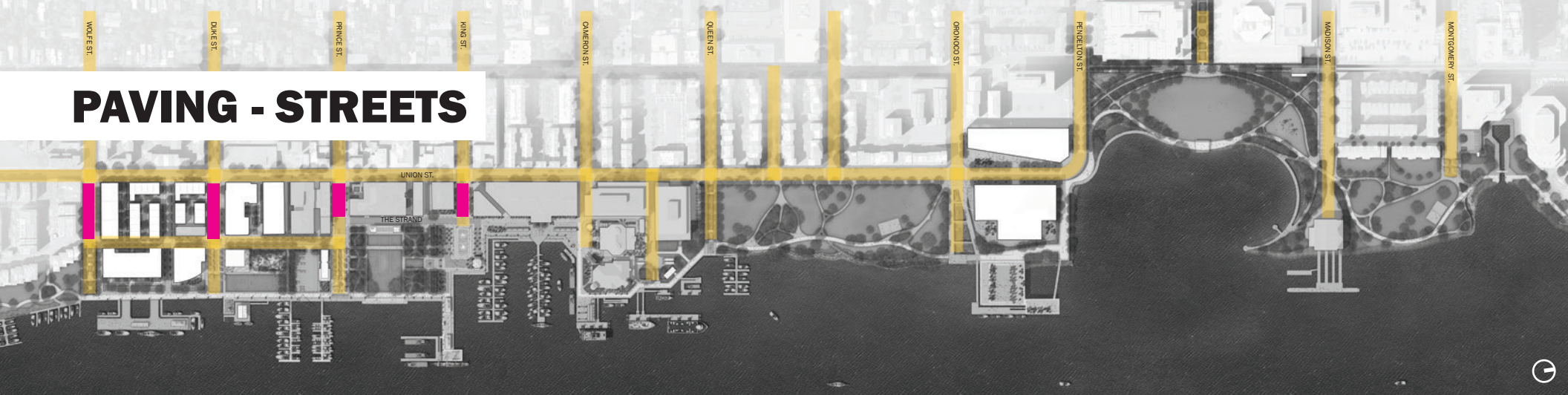
## COBBLE GUTTER / RAISED TABLE TRANSITION

NEUTRAL, LIGHT GRAY  
GRANITE COBBLES  
TUMBLED FINISH



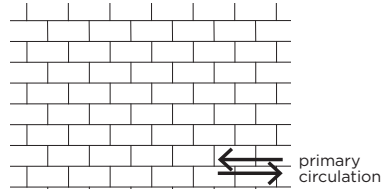
PAVING MATERIALS IN THE STREETS ARE CITY OF ALEXANDRIA STANDARDS OR BASED ON CONTEXT AND HISTORICAL PRECEDENT.

# PAVING - STREETS



## BRICK SIDEWALK

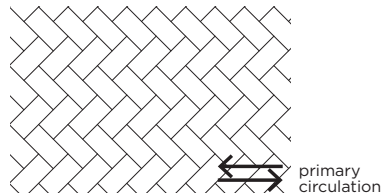
ALEXANDRIA CITY STANDARD  
RUNNING BOND



## BRICK STREET / RAISED TABLE FIELD

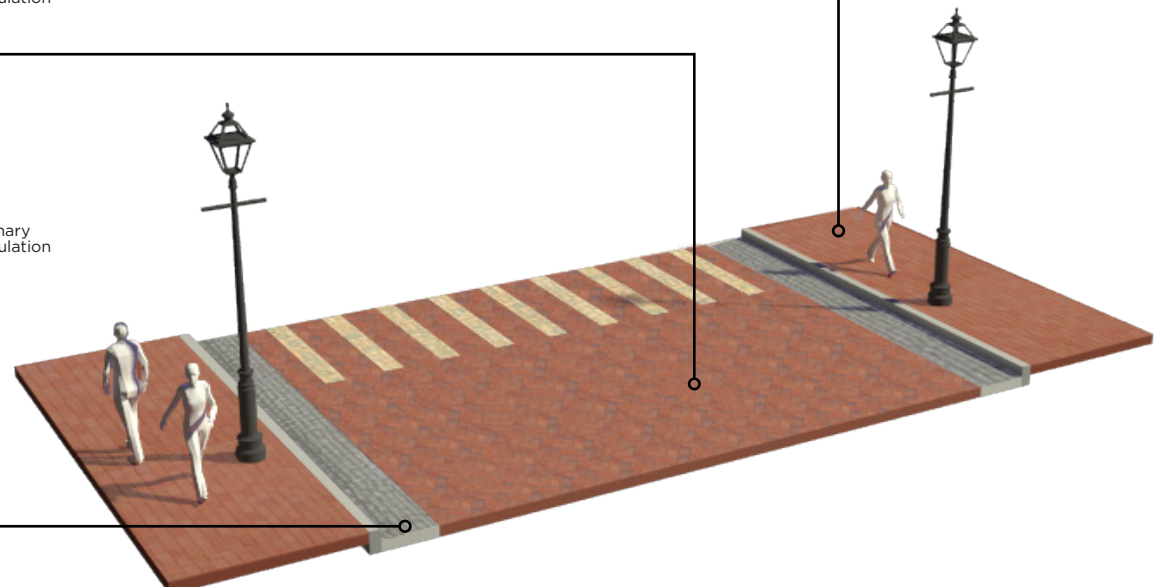
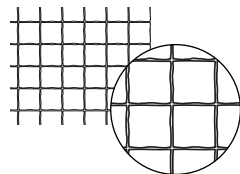
ALEXANDRIA CITY STANDARD  
HERRINGBONE

In areas of vehicular of circulation.



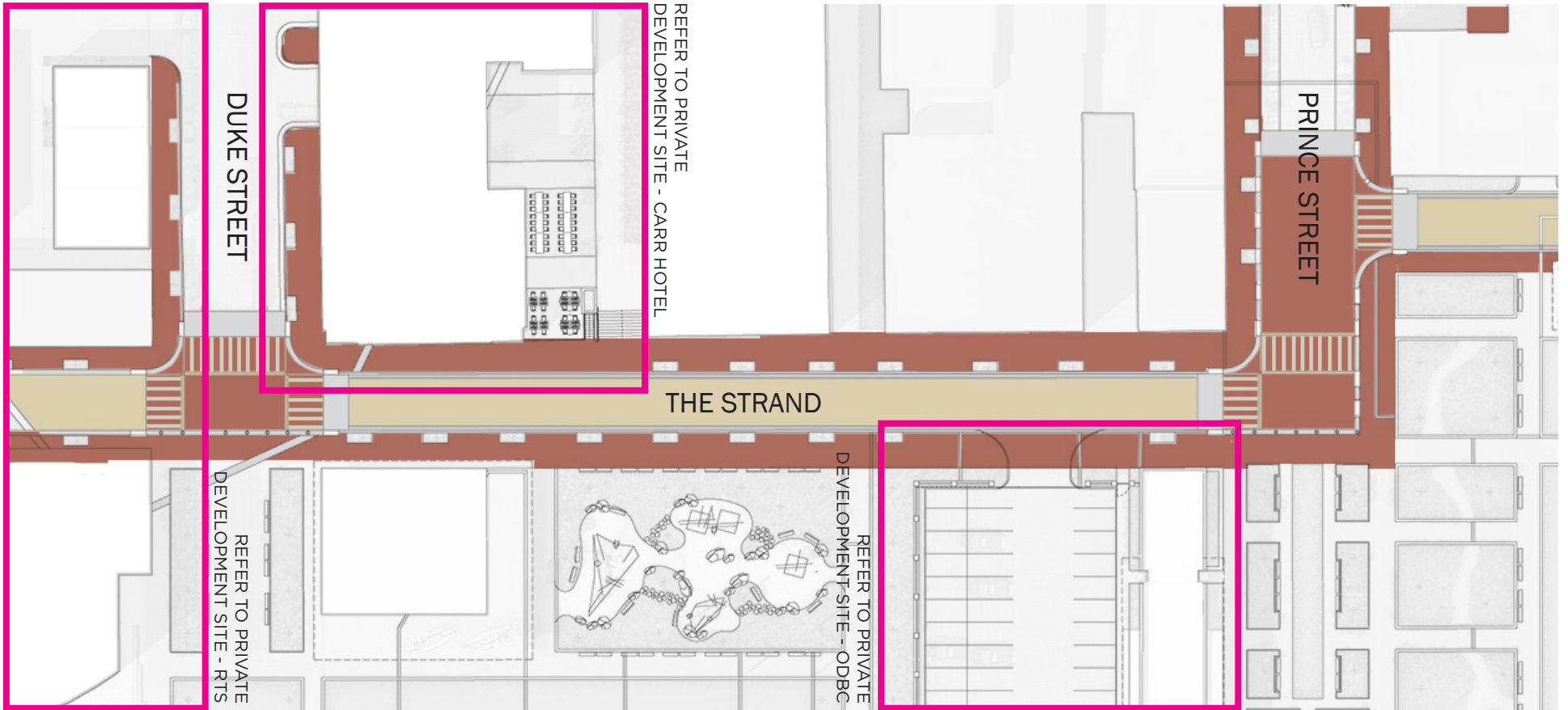
## COBBLE GUTTER / RAISED TABLE TRANSITION

STACKED BOND



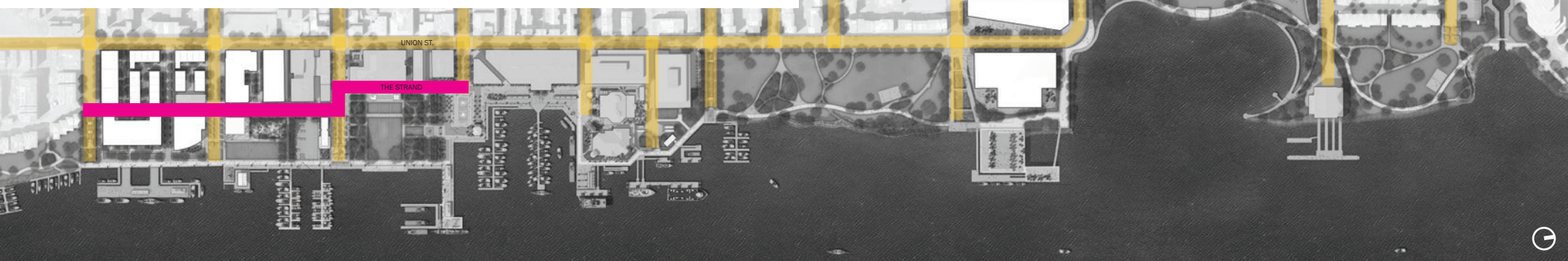
PAVING PATTERNS FOR THE STREETS ARE CITY OF ALEXANDRIA STANDARDS OR BASED ON CONTEXT AND HISTORICAL PRECEDENT.

# PAVING - STREETS (THE STRAND)



PAVING MATERIALS IN THE STRAND ARE CITY OF ALEXANDRIA STANDARDS OR BASED ON CONTEXT AND HISTORICAL PRECEDENT.

# PAVING - STREETS (THE STRAND)



## BRICK SIDEWALK / RAISED TABLE FIELD

ALEXANDRIA CITY STANDARD  
BRICK PAVERS/VEHICULAR PAVERS  
RED - FULL RANGE

Vehicular-rated pavers in areas of vehicular use. Vehicular pavers to match sidewalk pavers.



## GRANITE CURB

NEUTRAL, LIGHT GRAY  
GRANITE, THERMAL FINISH



## CROSSWALK

VEHICULAR BRICK PAVEMENT  
LIGHT TAN/BEIGE/OFF-WHITE  
SINGLE RANGE

Provides contrast striping with street brick.



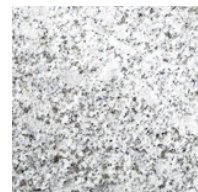
## COBBLE GUTTER / RAISED TABLE TRANSITION

NEUTRAL, LIGHT GRAY  
GRANITE COBBLES  
TUMBLED FINISH



## DETECTABLE WARNING

NEUTRAL, LIGHT GRAY  
TRUNCATED  
DOME GRANITE  
PAVERS



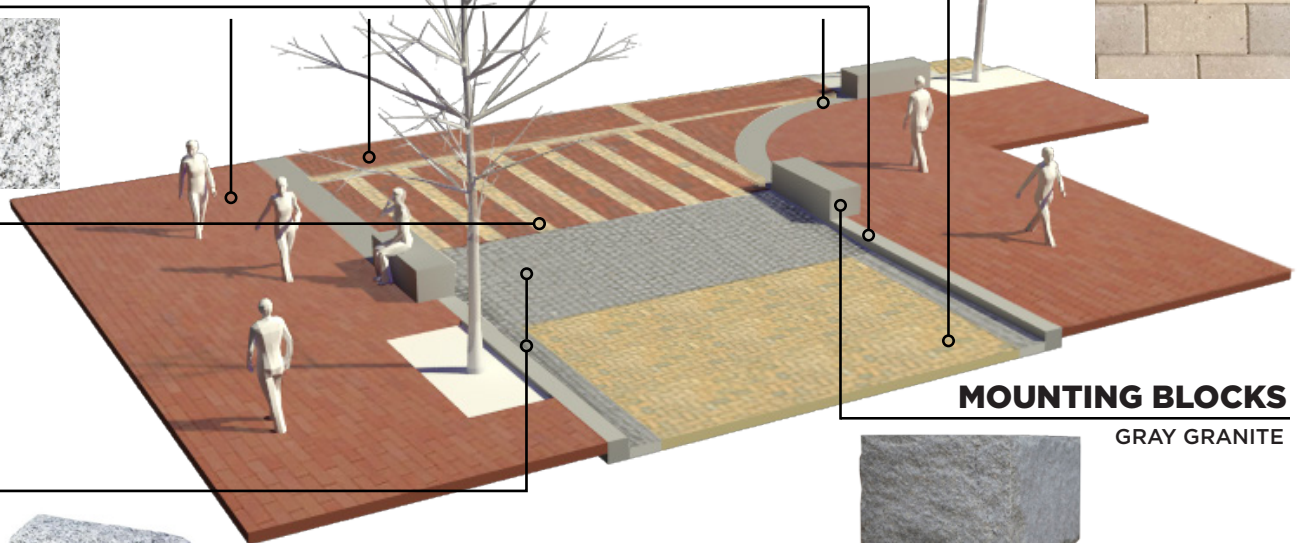
## BRICK STREET (THE STRAND ONLY)

VEHICULAR BRICK PAVEMENT  
YELLOW/TAN/BEIGE  
2-3 COLOR RANGE,  
LOW CONTRAST



## MOUNTING BLOCKS

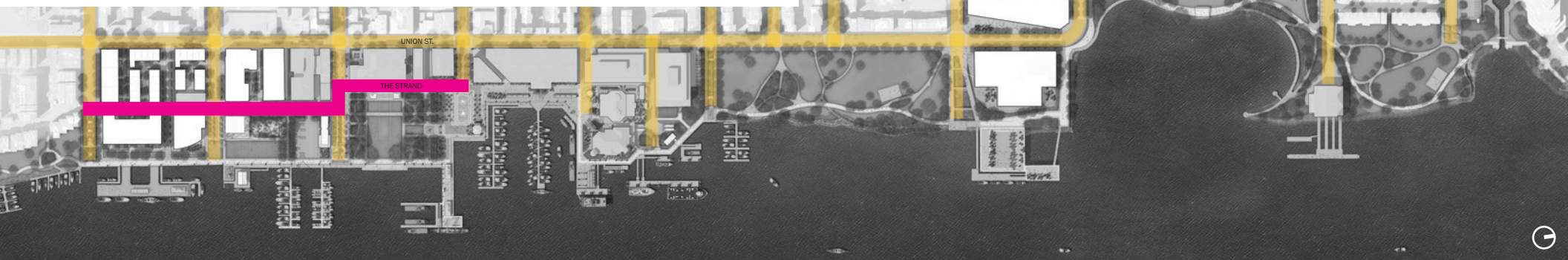
GRAY GRANITE



PAVING MATERIALS IN THE STRAND ARE CITY OF ALEXANDRIA STANDARDS OR BASED ON CONTEXT AND HISTORICAL PRECEDENT.



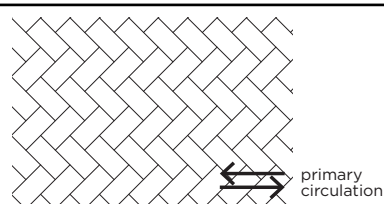
# PAVING - STREETS (THE STRAND)



## RAISED TABLE FIELD

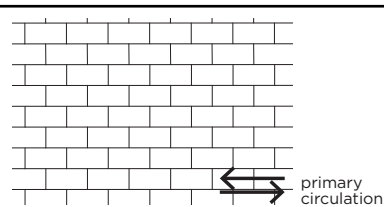
ALEXANDRIA CITY STANDARD  
HERRINGBONE

In areas of vehicular of circulation.



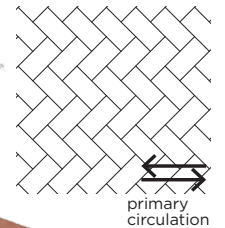
## BRICK SIDEWALK

ALEXANDRIA CITY STANDARD  
RUNNING BOND



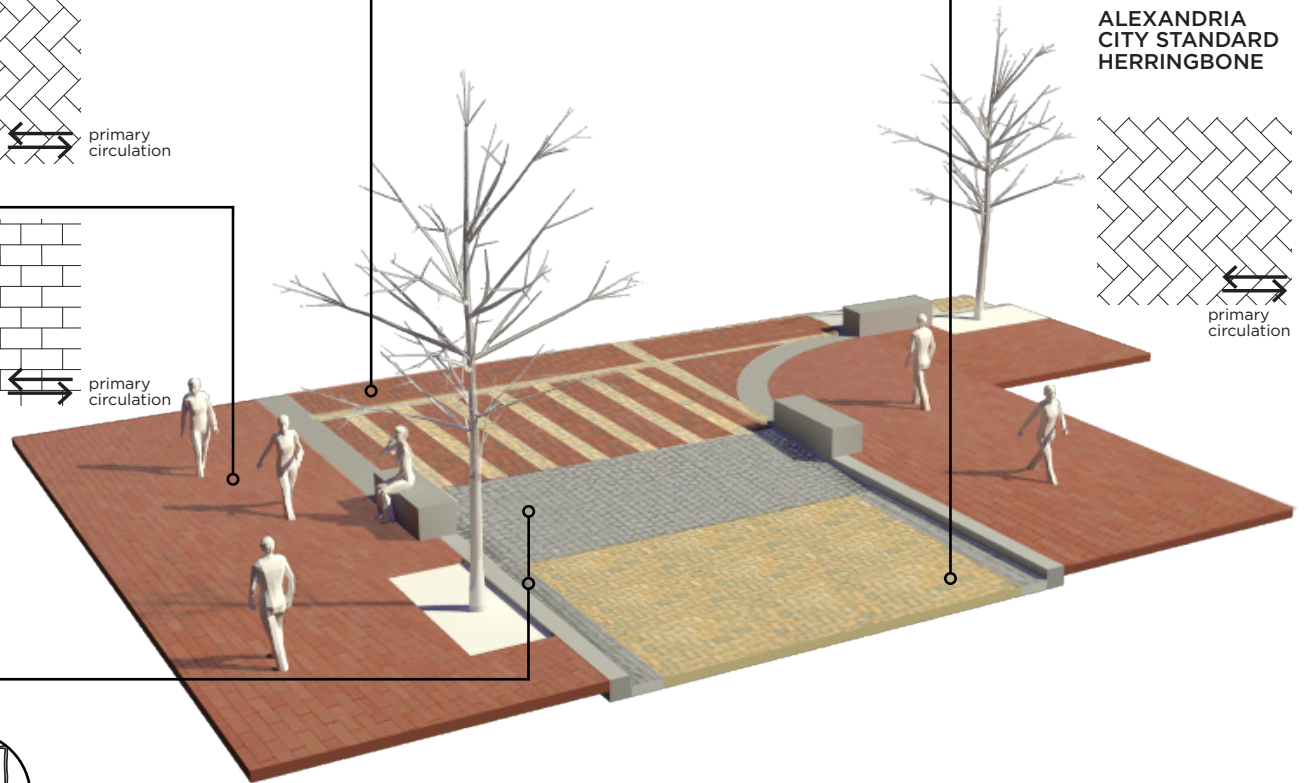
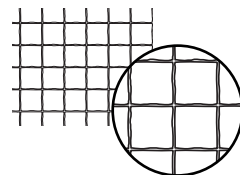
## BRICK STREET (THE STRAND ONLY)

ALEXANDRIA  
CITY STANDARD  
HERRINGBONE



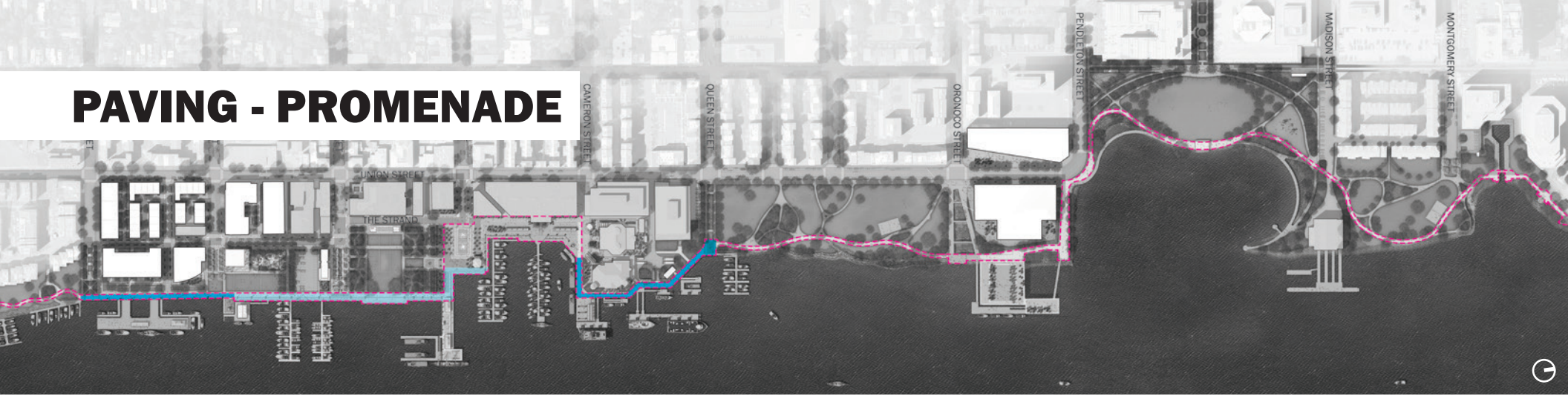
## COBBLE GUTTER / RAISED TABLE TRANSITION

STACKED BOND



PAVING PATTERNS FOR THE STRAND ARE CITY OF ALEXANDRIA  
STANDARDS OR BASED ON CONTEXT AND HISTORICAL PRECEDENT.

# PAVING - PROMENADE



## PROMENADE BANDING

DARK GRAY/CHARCOAL GRANITE, THERMAL FINISH

2 ft. wide in core area.

COMMEMORATIVE INSCRIPTIONS OR OTHER HISTORICAL TEXT IN EDGE BANDS



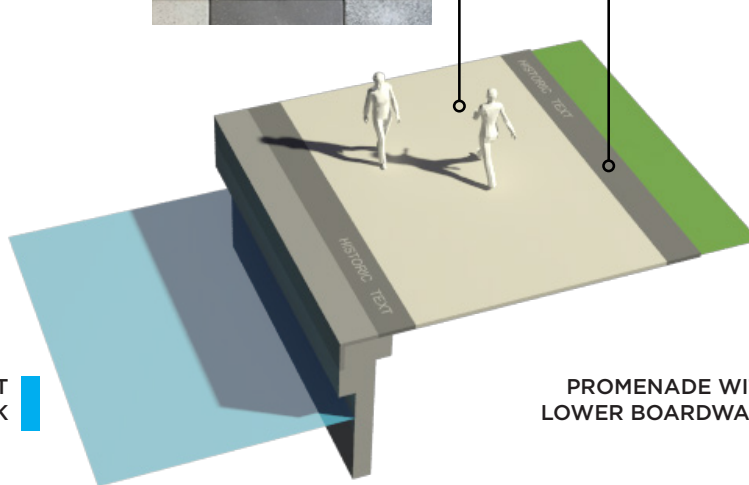
## PROMENADE PAVING (CORE ONLY)

CONCRETE PLANK PAVER GRAY/WHITE COLOR MIX

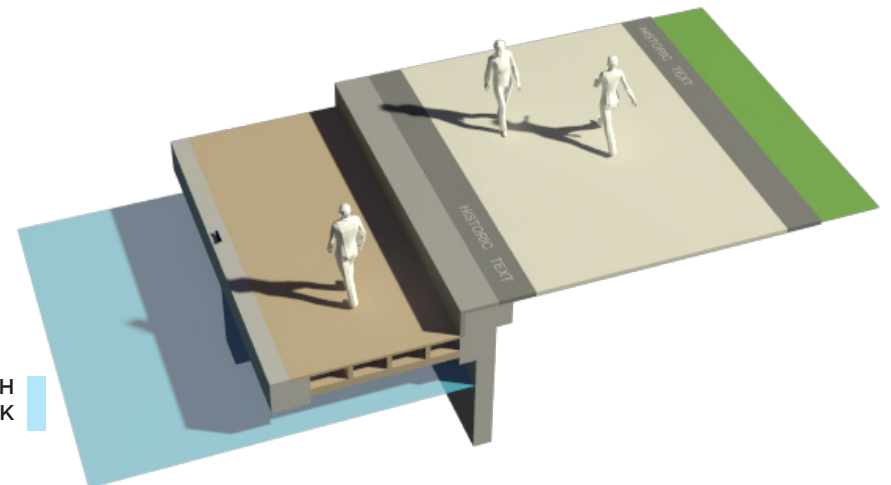


- PROMENADE WITH LOWER BOARDWALK
- PROMENADE WITHOUT LOWER BOARDWALK
- - - DELINEATES PROMENADE AS A CONTINUOUS PATH ALONG THE WATERFRONT

PROMENADE WITHOUT LOWER BOARDWALK



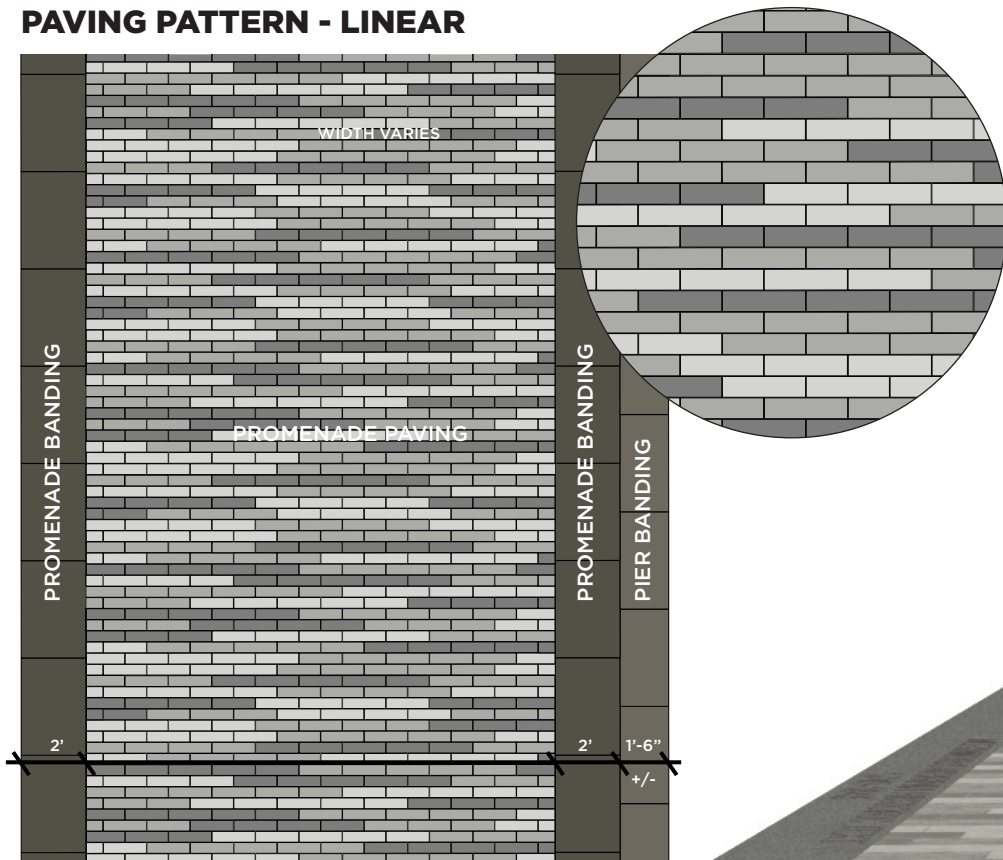
PROMENADE WITH LOWER BOARDWALK



# PAVING - PROMENADE

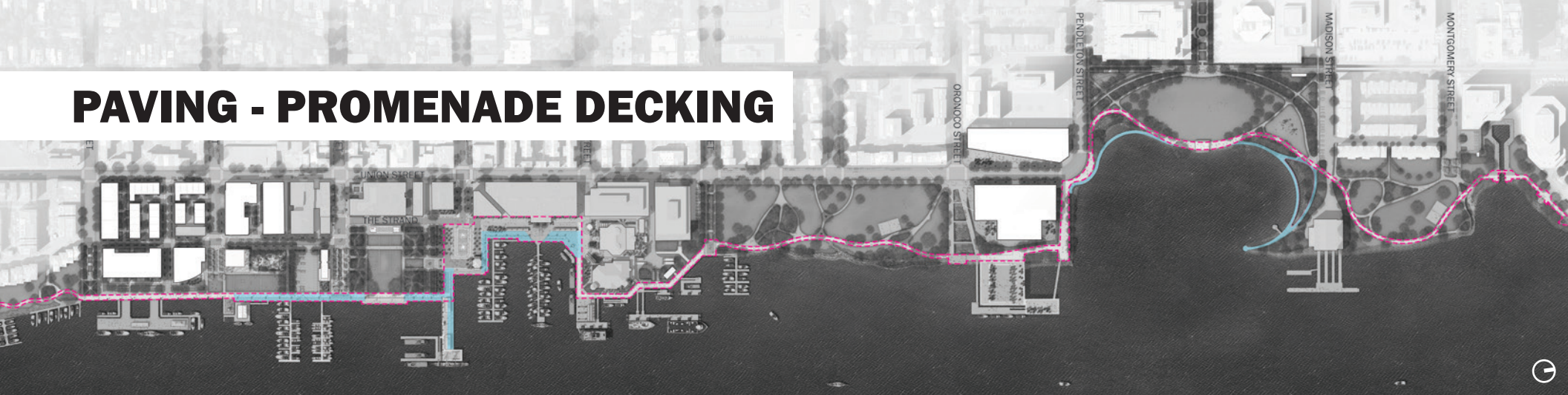


## PAVING PATTERN - LINEAR



Pavers of the same color are grouped together in a row of four pavers, minimum, to six pavers, maximum. Rows are arranged randomly across the paving field and along the length of the promenade. Overall, the three colors are mixed 33/33/33% within the paving field.

# PAVING - PROMENADE DECKING



## WOOD DECKING

MODIFIED WOOD IN A WARM, MEDIUM GRAY COLOR TO MIMIC WEATHERED WOOD IN SURROUNDING DECK INSTALLATIONS



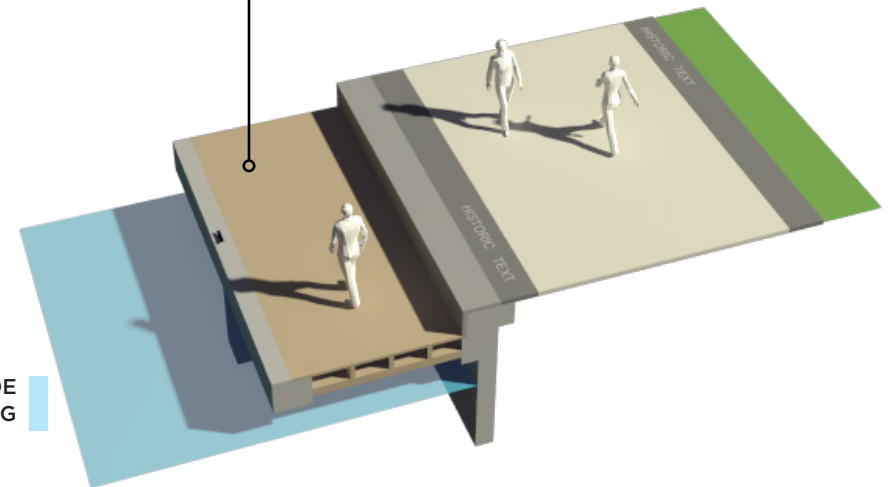
Continued use of pressure treated southern yellow pine is appropriate for floating docks.

### LOCAL INSTALLATIONS OF MODIFIED WOOD DECKING:

- The Wharf - Washington, D.C.
- Bethany Beach Boardwalk - Bethany Beach, DE
- Hunters Point South Waterfront Park - New York, NY

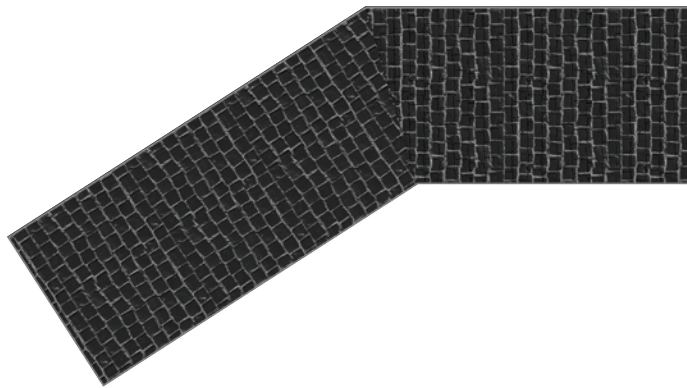
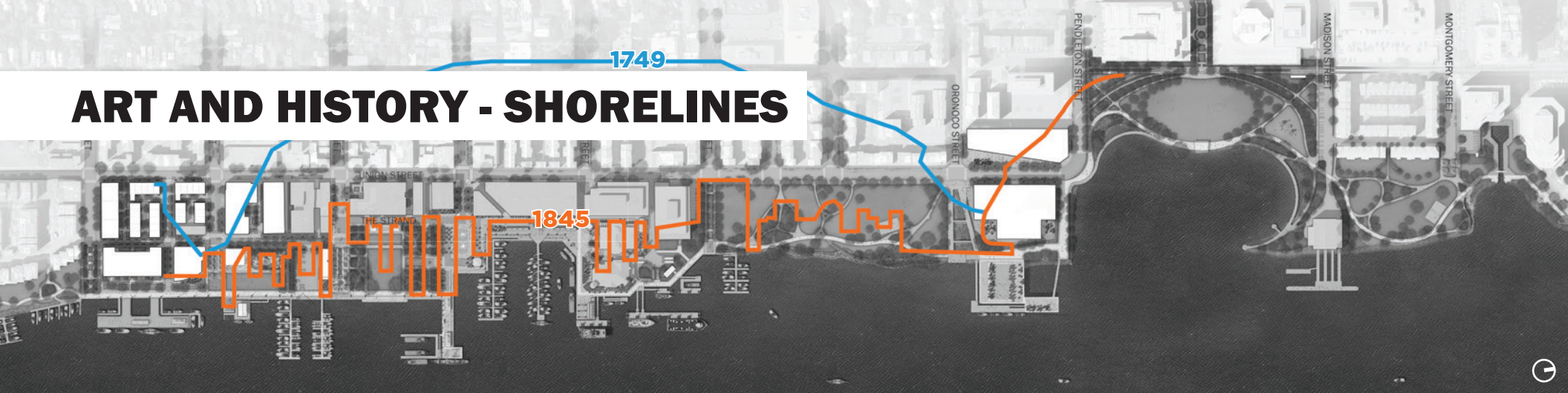
- PROMENADE ZONES WITH BOARDWALK USING MODIFIED WOOD DECKING
- - - DELINEATES PROMENADE AS A CONTINUOUS PATH ALONG THE WATERFRONT

PROMENADE DECKING



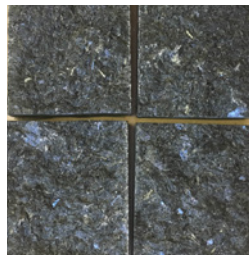
1749

# ART AND HISTORY - SHORELINES

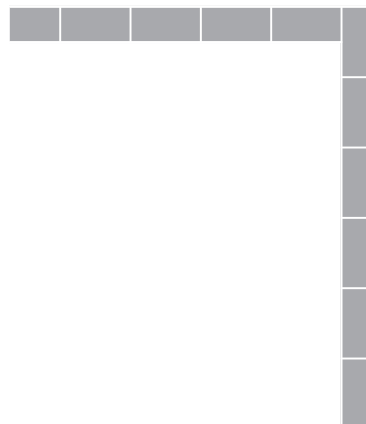


## 1749 HISTORIC SHORELINE

2 FT. - 4 FT. WIDE  
WITH 4"X4" COBBLES

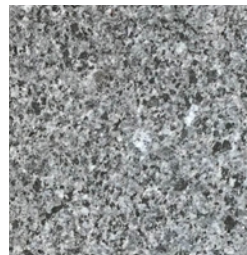


DARK/BLACK GRANITE  
COBBLES, TUMBLED FINISH



## 1845 HISTORIC PIER LINE

6 IN. WIDE

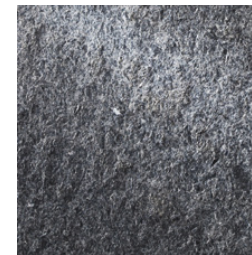


MEDIUM GRAY GRANITE  
THERMAL FINISH



## PROMENADE BANDING

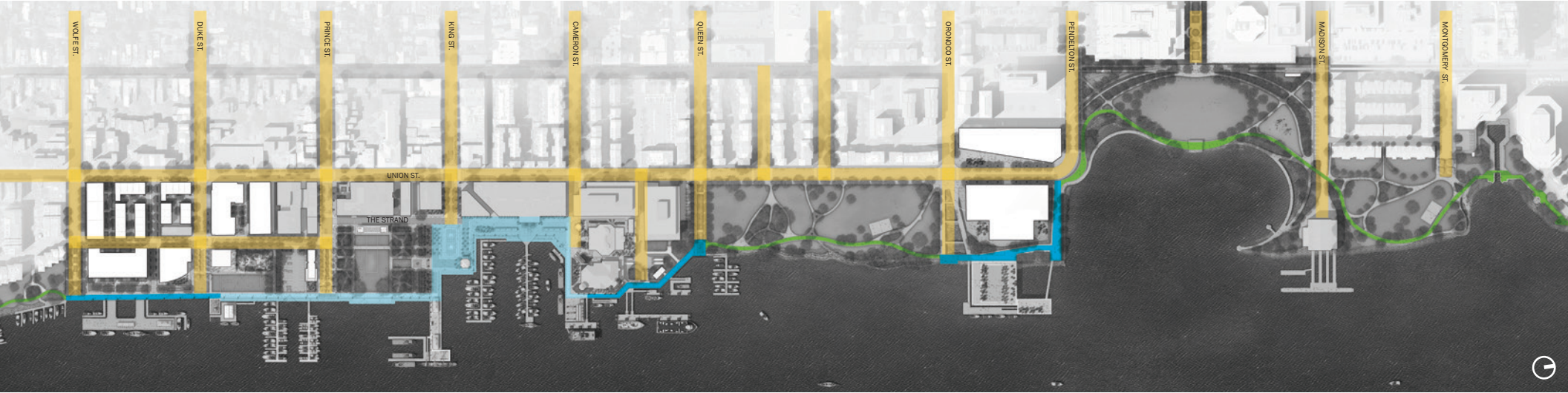
1 FT. - 2 FT. WIDE



DARK GRAY/CHARCOAL  
GRANITE, THERMAL FINISH

# LIGHTING COMMON ELEMENTS

## LIGHT TYPOLOGIES

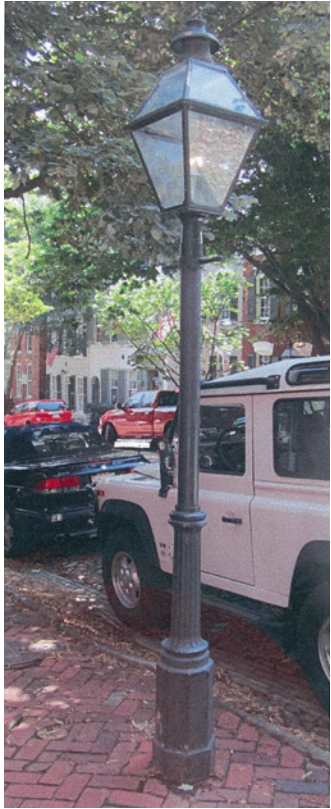


- PROMENADE WITH LOWER BOARDWALK/PROMENADE AT MARINA
- PROMENADE WITHOUT LOWER BOARDWALK
- PROMENADE THROUGH PARK
- STREET LIGHT - HISTORIC ALEXANDRIA STREET LIGHT

# LIGHTING - CONTEXT



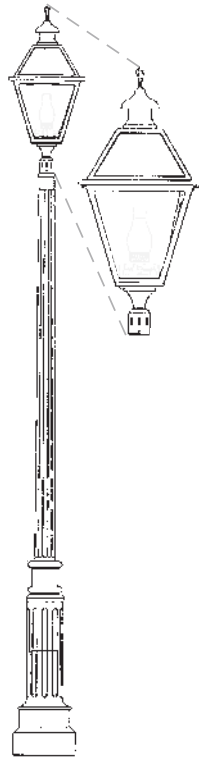
## CITY STANDARDS - STREET LIGHTING



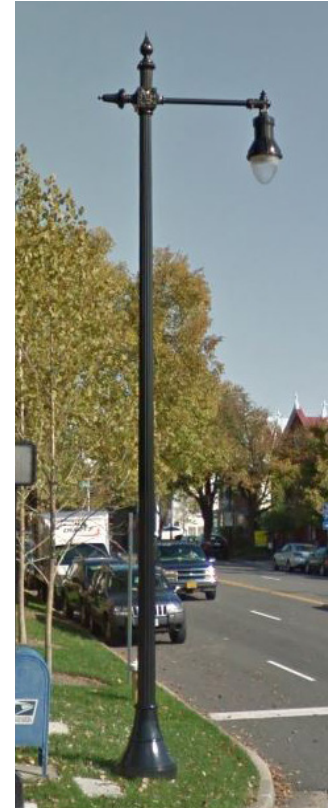
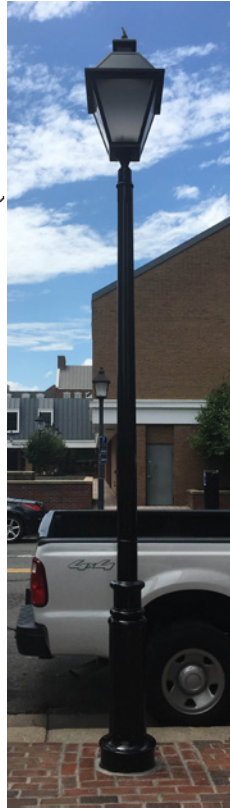
AUTHENTIC HISTORICAL EXAMPLE, PRINCE STREET



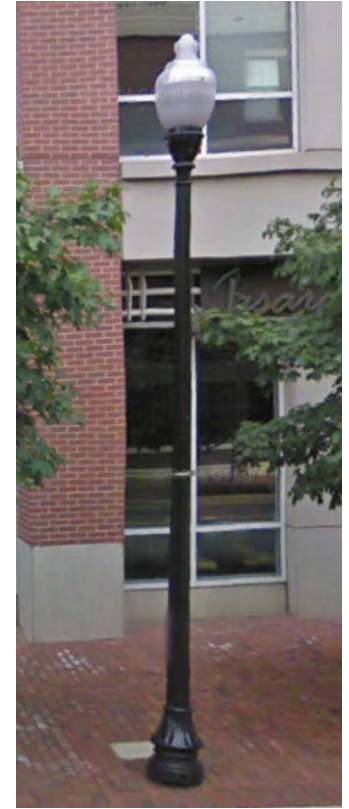
GADSBY - URBAN RENEWAL CURRENT CITY STANDARD



REPLACEMENT STREET LIGHT NEW CITY STANDARD MOCK-UP AT CITY HALL



GEORGE WASHINGTON PARKWAY



CARLYLE

# LIGHTING - PROMENADE



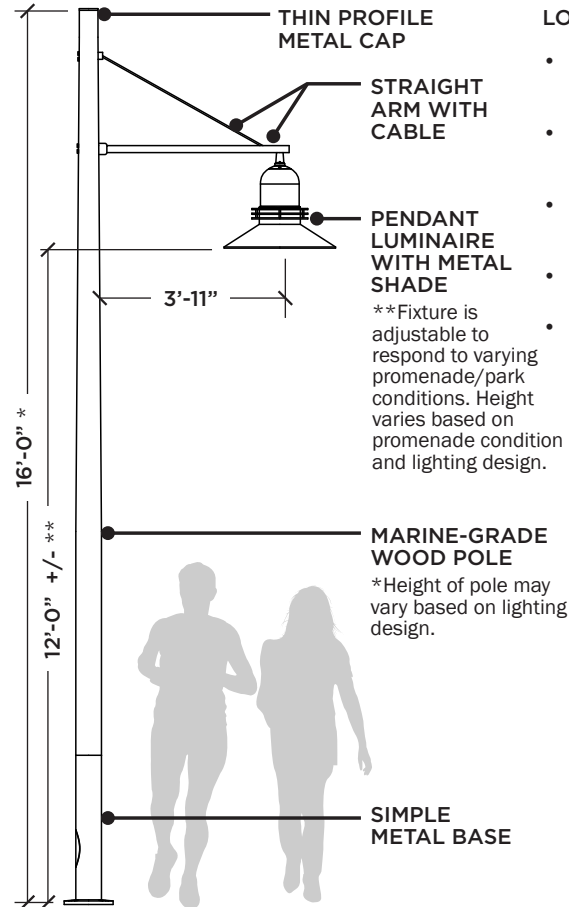
## NAUTICAL



BALTIMORE INNER HARBOR, MD



**PRICING (ESTIMATE):**  
 STRUCTURA PRODUCTS  
 BOL-T-16-55-40-S4-BLK POLE  
 WITH CAT-2S-PEN ARM(S)  
 COOPER EPIC EMM-E04-LED-E1-  
 T4-SR-FL-BK LIGHT FIXTURE  
 SINGLE = \$4,300  
 TWIN = \$6,300  
 (estimated prices)



### LOCAL INSTALLATIONS:

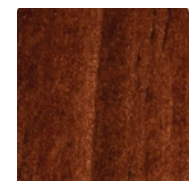
- Baltimore Inner Harbor (mock-up location near the Rusty Scupper)
- Hyatt Place D.C. Capitol/ National Mall - 400 E. Street (Wood Poles)
- The Naval Yard near Osteria Morini Restaurant (Wood LED Bollards)
- REI Store - College Park (Wood Bollards)
- Belmont (Wood LED Bollards)

### METAL FINISH



BLK - BLACK

### WOOD FINISH



COLOR S4 - IPE



# PROMENADE WITH LOWER BOARDWALK

NAUTICAL



# PROMENADE WITHOUT LOWER BOARDWALK

## NAUTICAL

(NOTE: Railing is not shown. Railing design and evaluation is not part of Common Elements scope and will be evaluated as part of a future task order)



# PROMENADE THROUGH PARK

NAUTICAL



# PROMENADE AT NIGHT

NAUTICAL



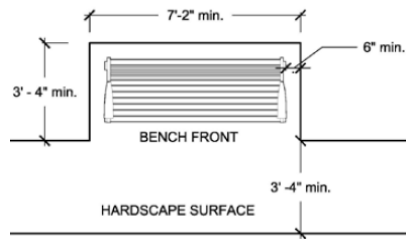
# SITE FURNISHINGS - STREETS



## CITY OF ALEXANDRIA STANDARD FURNISHINGS

### BENCH

Victor Stanley Classic Series Model CR-96, 6 ft. standard, free standing bench with back and edge arms. Black, powder coat finish.



### BICYCLE RACK

Victor Stanley Model BRWS-101 (inverted U-shape rack). Black, powder coat finish.



### RECYCLING RECEPTACLE

Victor Stanley Ironsites Model SD-42 (36 gallon), with side access hinged door; blue, powder coat finish (Color: RAL5010)

Optional recycling lid shall be included. Top band shall be marked with "Recycling" in white lettering, as shown (right).



### TRASH RECEPTACLE

Victor Stanley Ironsites Model SD-42 (36 gallon), with side access hinged door; black, powder coat finish. Optional lid shall be included.

### DRINKING FOUNTAIN

Most Dependable Drinking Fountains - 400 Series, ADA Model.

410SM or SMSS with optional pet fountain (ADA accessible height), preferred.

Model 440SM may also be used.

Pet drinking fountain/lower bowl options, where appropriate.

Jug filler and hose bib attachment options shall be included.

Bubbler, bowls, and buttons shall be satin finish stainless steel.

Fountain shall be dark green, stainless steel, or black powder coat finish.



### BOLLARD

Spring City Princeton Bollard Model BDPRC-12-3 58.

Height: 43" / Bolt Diam.: 14" / Dimension: 13"sq. Classic black.

To be used throughout City of Alexandria.

Alternate: Fairweather Model B-1 Steel bollard. Black, powder coat finish.

6" diameter most prevalent in city (three sizes available). Use only where RPCA selects for parks/trails/rec facilities.

Permanent, embedded sleeve/casing with lockable bolt to allow removal/replacement.



# PRIVATE DEVELOPMENT AREAS

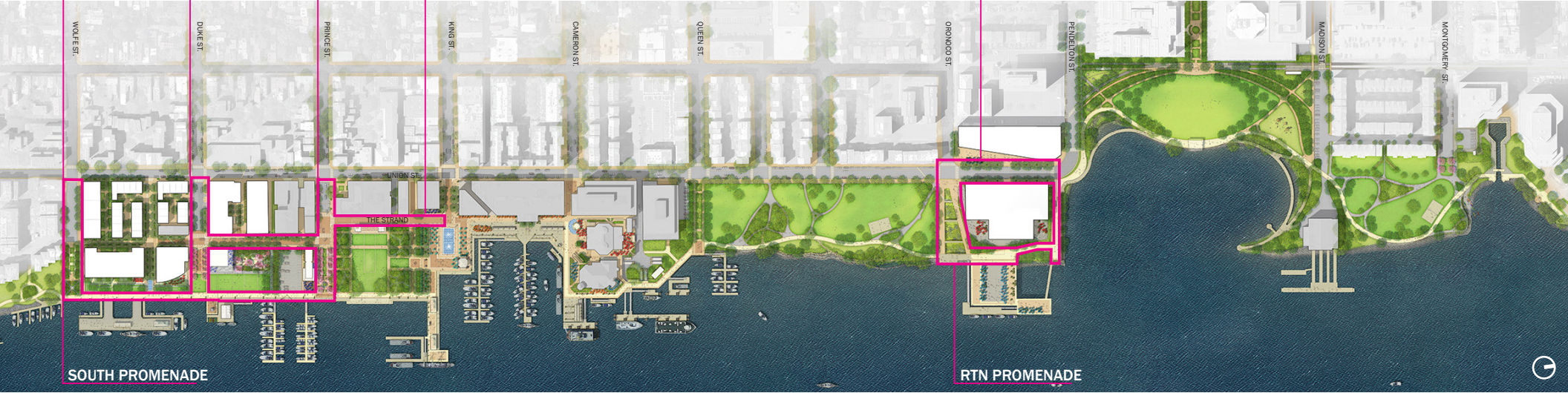
WOLFE AND STRAND INTERSECTION

DUKE AND STRAND INTERSECTION

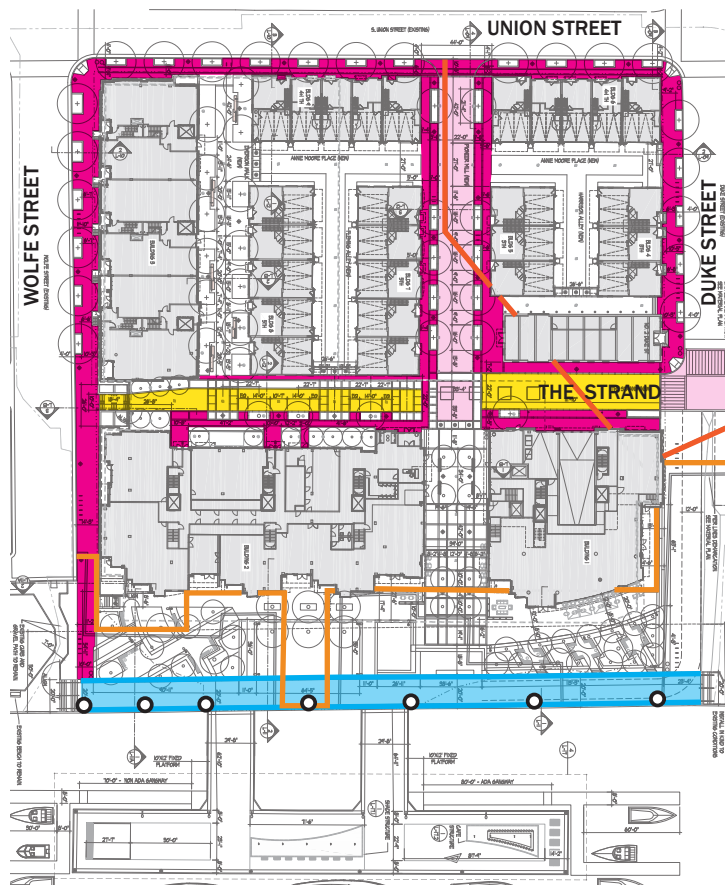
PRINCE AND STRAND INTERSECTION

STRAND STREET RIGHT-OF-WAY

NORTH UNION STREET



# PRIVATE DEVELOPMENT AREAS - ROBINSON TERMINAL SOUTH (RTS)



## SUMMARY OF DECISIONS + COORDINATION

Review Letter submitted to the City of Alexandria on 9/30/2015

- Yellow brick should be removed from Pioneer Mill and substituted with Redland King William brick.
- The 1877 shoreline marker is unique to this development and the termination, execution and material must be coordinated with the 1749 and 1845 shorelines and the rest of the Common Elements. The specific written content of the Historic and Interpretive Elements will be reviewed by City Staff and the historic markers and medallions are still to be developed. RTS will match the approved Waterfront standard.
- Paving materials follow the Waterfront Common Elements.

## TO BE COORDINATED

- Promenade banding to be coordinated with pier/bulkhead banding and design of Flood Mitigation Plan.
- Location of promenade lights and railing to be coordinated with future Flood Mitigation Plan.

## COMMON ELEMENTS

### PAVING - STREETS

- Brick sidewalks
- Brick streets
- Yellow brick in The Strand
- Crosswalks
- Granite curbs
- Cobble gutters
- Raised table transitions
- Raised table field

### PAVING - PROMENADE

- Promenade banding
- Promenade paving

### ART AND HISTORY

- Historic banding - 1749 shoreline
- Historic banding - 1845 pier line

### LIGHTING - PROMENADE

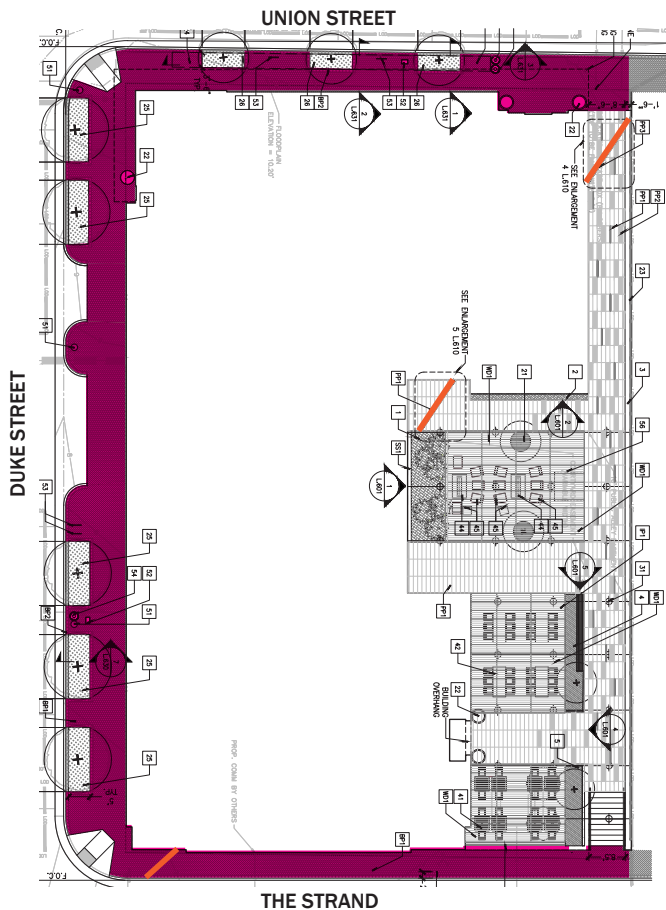
- Promenade light

### SITE FURNISHINGS - PROMENADE

- Railing (future)

SEE PAGE 5 FOR PUBLIC IMPROVEMENTS ASSOCIATED WITH PROJECT

# PRIVATE DEVELOPMENT AREAS - CARR HOTEL



## SUMMARY OF DECISIONS + COORDINATION

- The hotel will install asphalt and concrete curb and gutter rather than brick and cobble gutter at Duke Street, as their plans were too far advanced at the time of the decision for implementing brick streets in the waterfront core. The city may make the decision to install brick in Duke Street as part of the waterfront improvement.
- Other paving materials follow the Waterfront Common Elements. Historic banding is encouraged to follow Waterfront Common Elements, but developer is not bound to this.
- Gadsby streetlight will be used on public sidewalks.

## TO BE COORDINATED

- Sidewalk brick paving pattern
- Location of 1749 shoreline in Strand ROW (and material of band)
- Confirm that Carr Hotel is only installing to back of curb

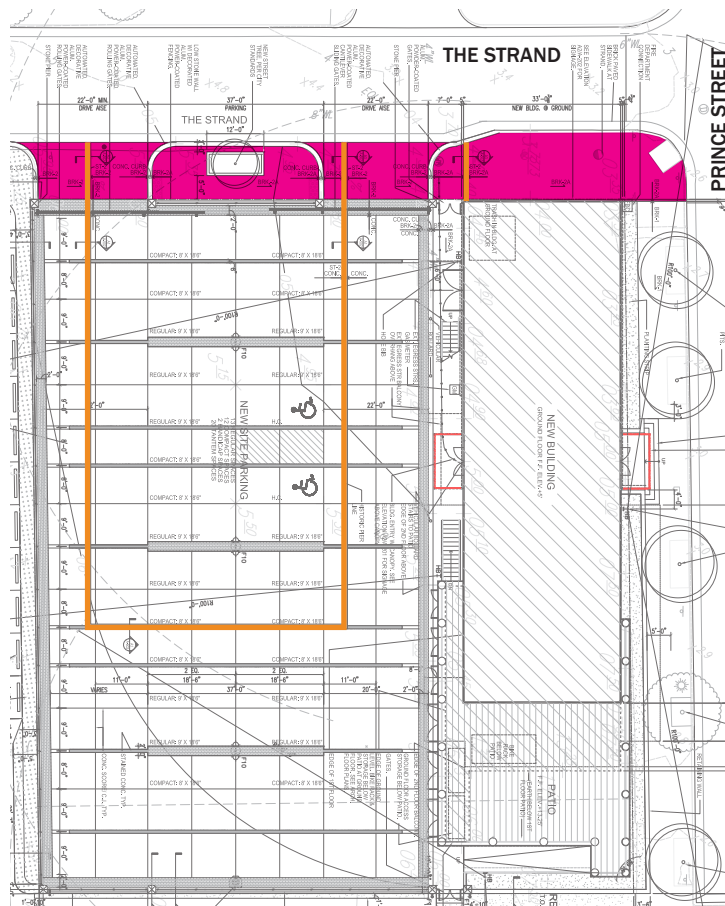
## COMMON ELEMENTS

- PAVING - STREETS**
- Brick sidewalks
- ART AND HISTORY**
- Historic banding - 1749 shoreline (on sidewalk only)

SEE PAGE 5 FOR PUBLIC IMPROVEMENTS ASSOCIATED WITH PROJECT



# PRIVATE DEVELOPMENT AREAS - OLD DOMINION BOAT CLUB (ODBC)



## SUMMARY OF DECISIONS + COORDINATION

- Brick and historic pierline banding paving materials follow the Waterfront Common Elements.
- Paving in the parking/plaza area cannot appear as if it is a parking lot in the waterfront zone.
- Parking lot will be framed with brick with an oyster shell concrete field. There will be brick bands at the lights and accent bands to match the building architecture. Saw cuts on a 5ft. grid along with concrete staining techniques in saw-cut strips will bring down the scale of the paved area. No parking striping will be permitted. The oyster shell will not be considered as a common element but is permissible as a unique element in this private development site and has been subject to review and approval by the City.

## TO BE COORDINATED

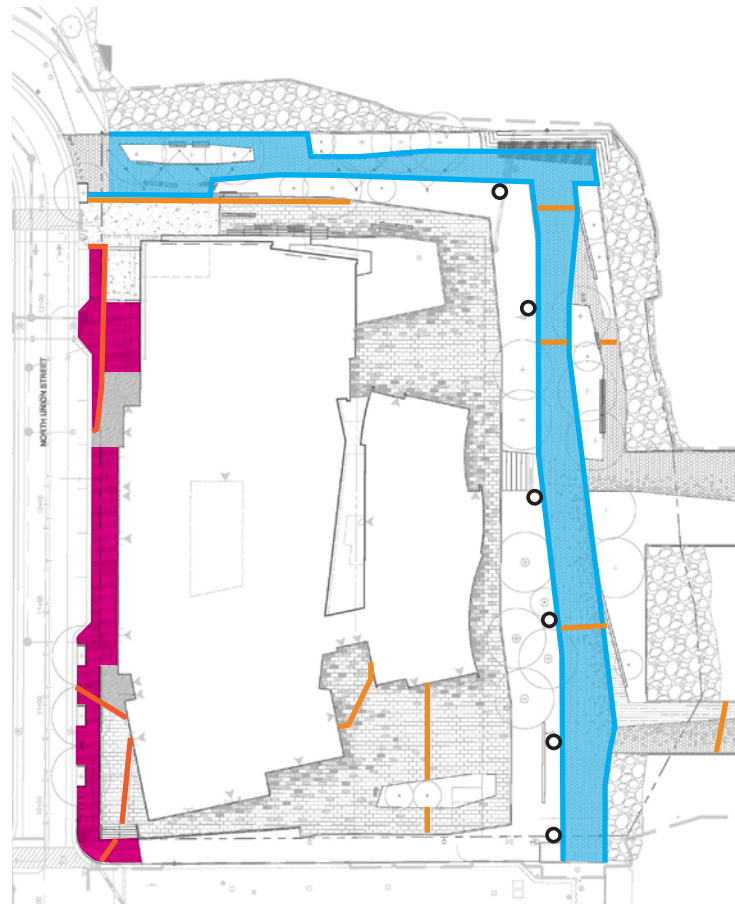
- Curb material

## COMMON ELEMENTS

- PAVING - STREETS**
- Brick sidewalks
- ART AND HISTORY**
- Historic banding - 1845 pier line

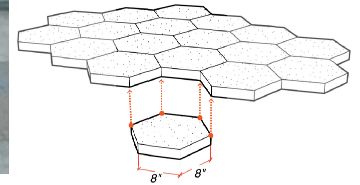
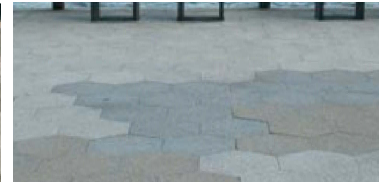
SEE PAGE 5 FOR PUBLIC IMPROVEMENTS ASSOCIATED WITH PROJECT

# PRIVATE DEVELOPMENT AREAS - ROBINSON TERMINAL NORTH (RTN)



## SUMMARY OF DECISIONS + COORDINATION

- Initial coordination meetings and drawing review occurred in January 2015
- RTN conceptual material color palette was complimentary to the Common Element paving colors. Promenade paving field to remain unique to RTN site.



## TO BE COORDINATED

- Promenade banding locations
- Historic shoreline variations

## COMMON ELEMENTS

### PAVING - STREETS

- Brick sidewalk on Union Street

### PAVING - PROMENADE

- Promenade banding
- Promenade paving

### ART AND HISTORY

- Historic banding - 1749 shoreline
- Historic banding - 1845 pier line

### LIGHTING - PROMENADE

- Promenade light

# BASIS OF DESIGN - SUMMARY

Item	Description	Basis of Design (Manufacturer & Color Info)	Size	Location	Notes
<b>Paving</b>					
Brick Sidewalk	City of Alexandria standard - red brick pavers (full range)	Redland - King William full range	4"x8"x2.25"	Sidewalk	
Brick Street	City of Alexandria standard - red brick vehicular pavers (full range)	Redland - King William full range	4"x8"x2.75"	Street	
Brick Street (The Strand Only)	Yellow / tan / beige vehicular brick paver (2-3 color range, low contrast)	Whitacre Greer color mix: 52 Majestic, 50 Ivory	4"x8"x2.75"	Street (The Strand)	
Raised Table Field	City of Alexandria standard - red brick vehicular pavers (full range)	Redland - King William full range	4"x8"x2.75"	Street (raised table)	
Promenade Paver	Concrete plank paver - gray / white color mix	Unilock Commercial - Promenade Plank Paver, Umbriano Finish Color Mix: Winter Marvel, Grenada White, French Grey	16"x4"x4"	Promenade	Patented Umbriano finish (or equivalent) for durability, maintenance, and cleaning
Raised Table Transition	Neutral, light gray granite cobbles Tumbled finish	Coldspring - Iridian, Tumbled Cobble	4"x4"x10"	Street (raised table transition)	
Crosswalk	Light tan / beige / off-white vehicular brick paver (single range)	Whitacre Greer - 50 Ivory	4"x8"x2.75"	Street (crosswalk striping)	Meant to be used as a band to provide contrast striping with red brick.
Detectable Warning	Granite paver with integral truncated domes to meet ADA Detectable Warning requirements	Coldspring - Iridian, Truncated Dome Granite Paver	12"x12"x3"	Street (raised table or at intersection curb cuts)	
Granite Band - Promenade	Dark gray / charcoal granite Thermal finish	Coldspring - Mesabi Black, Diamond 10	24"x36"x4" // 12"x36"x4"	Promenade	Interpretive text options to be coordinated with Art and History plan
Granite Band - Promenade Bulkhead Cap	Dark gray / charcoal granite Thermal finish	Coldspring - Mesabi Black, Diamond 10	18"x36"x4"	Promenade (bulkhead)	To be coordinated with Flood Mitigation final bulkhead design. Provides band for mounting light posts, handrail, etc. (to be coordinated in future design phases)
Granite Band - Historic Marker 1749 (2-4 ft. wide band)	Dark / black granite cobbles Tumbled finish	Coldspring - Mesabi Black, Tumbled Cobble	4"x4"x10"	Throughout	Interpretive text options to be coordinated with Art and History plan
Granite Band - Historic Marker 1845 (6 in. wide band)	Medium gray granite Thermal finish	Coldspring - Charcoal Black - Textured	6"x12"x3"	Throughout	Interpretive text options to be coordinated with Art and History plan

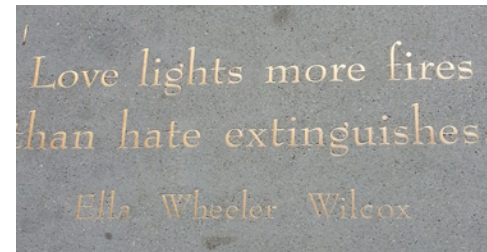
# BASIS OF DESIGN - SUMMARY

Item	Description	Basis of Design (Manufacturer & Color Info)	Size	Location	Notes
<b>Paving</b>					
Wood Decking	Context: Pressure Treated Southern Yellow Pine Modified Wood	Kebony - unfinished (weather to gray)	2"x6"	Floating docks Promenade areas beyond bulkhead	Already in use on Alexandria Waterfront
<b>Curbs</b>					
Raised Curb - Granite	Neutral, light gray granite Thermal finish	Coldspring - Iridian, Thermal	12"x18"x72"	Streets with raised curb	
Gutter	Neutral, light gray granite cobbles Tumbled finish	Coldspring - Iridian, Tumbled Cobble	4"x4"x10"	Streets with raised curb	1.5' wide, typ. (may vary)
<b>Lighting</b>					
Light Pole/Fixture 1 (FG-1) - Street		Gadsby - COA Standard		Street	
Light Pole/Fixture 2 (F-1) - Promenade		Structura Products BOL-T-16-55-40-S*-BLK Pole Structura Products - CAT-2s-PEN arm COOPER Light Fixture - EPIC EMM-E04-LED-E1-T4-SR-FL-BZ		Promenade (without lower boardwalk)	
Light Pole/Fixture 2a (F-1a) - Promenade Double		Structura Products BOL-T-16-55-40-S*-BLK Pole Structura Products - CAT-2s-PEN arm(s) - alternate or even configuration COOPER Light Fixtures (2) - EPIC EMM-E04-LED-E1-T4-SR-FL-BZ		Promenade (with lower boardwalk)	

# BASIS OF DESIGN - SUMMARY

Item	Description	Basis of Design (Manufacturer & Color Info)	Size	Location	Notes
<b>Site Furnishings</b>					
Bench	Standard, free standing bench with back and edge arms	Victor Stanley Classic Series Model CR-96. Black, powder coat finish.	6 ft. length	Street	Refer to Park Facilities Manual for guidance on spacing, installation, etc.
Bicycle Rack	Inverted U-shaped rack	Victor Stanley Model BRWS-101 Black, powder coat finish.		Street	Refer to Park Facilities Manual for guidance on spacing, installation, etc.
Recycling Receptacle	Blue, metal receptacle with side access hinged door and top recycling lid. Top band shall be marked with "Recycling" in white lettering.	Victor Stanley Ironsites Model SD-42 Blue, powder coat finish (Color: RAL5010)	36 gal. Mounted on hard surface 3'-4" x. 3'-4" (min.)	Street	
Trash Receptacle	Black, metal receptacle with side access hinged door and top lid.	Victor Stanley Ironsites Model SD-42 Black, powder coat finish.	36 gal. Mounted on hard surface 3'-4" x. 3'-4" (min.)	Street	
Drinking Fountain	Drinking fountain with pet drinking fountain / lower bowl option, where appropriate. Jug filler and hose bib attachment included.	Most Dependable Drinking Fountains – 400 Series, ADA accessible models: 410SM or SMSS with optional pet fountain (ADA accessible height). Model 440SM also accepted. Dark green, stainless steel, or black powder coat finish. Above grade backflow preventer shall be lockable Stainless Steel Safe T-Cover.		Street / throughout City of Alexandria / City parks	
Bollard	Circulation control bollard with overall styling and fluting to match new COA historic replacement streetlight Steel bollard. Permanent, embedded sleeve/casing with lockable bolt to allow removal/replacement.	Spring City Princeton Bollard Model BDPRC-12-3 58. Classic Black.  Fairweather Model B-1 Steel Bollard. Black, powder coat finish.	Height: 43"/ Bolt Diam.: 14"/ Dimension: 13"sq.  6" diam. (3 sizes accepted)	Street / throughout City of Alexandria  Only in locations where RPCA requires for parks/trails/rec facilities	
Mounting Block	Gray granite	Reference examples used throughout City of Alexandria pending staff approval.		Street	

# INTERPRETIVE TEXT OPTIONS



INSET PANEL

INSCRIPTION

INLAY

SELECTION REQUIRES FUTURE COORDINATION WITH ART AND HISTORY PLAN