SEATTLE DESIGN COMMISSION

WATERFRONT SEATTLE

MAIN CORRIDOR
90% DESIGN

12/07/17 - CONTINUOUS ELEMENTS
12/08/17 - PLACES
WATERFRONT SEATTLE
OVERALL PROGRAM

MAIN CORRIDOR
1. ALASKAN WAY (KING TO PIKE ST.)
2. ELLIOTT WAY (PIKE TO BELL ST.)
3. WATERFRONT PROMENADE
4. WASHINGTON STREET BOAT LANDING
5. COLUMBIA ST.
6. SENeca ST.
7. LENORA ST. BRIDGE RETROFIT
8. ELLIOTT BAY SEAWALL REPLACEMENT (SEATTLE DOT)

EAST/WEST CONNECTIONS
1. OVERLOOK WALK
2. RAILROAD WAY
3. KING ST.
4. MAIN ST.
5. WASHINGTON ST.
6. YESLER WAY
7. MARION ST. BRIDGE REPLACEMENT
8. UNION ST.
9. PIKE AND PINE STS (PIKE PLACE TO MELROSE AVENUE)
10. BELL ST.

PUBLIC PIERS
1. WATERFRONT PARK REBUILD
2. PIER 62/63 PHASE 1 REBUILD

PARTNER PROJECTS
1. COLMAN DOCK TERMINAL REPLACEMENT (WA STATE FERRIES)
2. MARKETFRONT (PIKE PLACE MARKET)
3. OCEAN PAVILION (SEATTLE AQUARIUM SOCIETY)
4. PORTAL PARK (SEATTLE PARKS)
WATERFRONT SEATTLE
MAIN CORRIDOR

1. ALASKAN WAY (KING TO PIKE ST.)
2. ELLIOTT WAY (PIKE TO BELL ST.)
3. WATERFRONT PROMENADE
4. WASHINGTON STREET BOAT LANDING
5. COLUMBIA ST.
6. SENeca ST.
7. LENORA ST. BRIDGE RETROFIT
8. ELLIOTT BAY SEAWALL REPLACEMENT (SEATTLE DOT)
MAIN CORRIDOR
90% DESIGN

12/07/17 - CONTINUOUS ELEMENTS

12/08/17 - PLACES
CONTINUOUS ELEMENTS
INFRASTRUCTURE

LEGEND
- ELLIOT BAY SEA WALL
- UTILITIES
- ALASKAN WAY/ELLIOTT WAY
CONTINUOUS ELEMENTS
PUBLIC REALM

LEGEND
- PAVING
- PLANTING
- FURNISHING
- LIGHTING
CONTINUOUS ELEMENTS
MAIN CORRIDOR

1. PAVING
2. PLANTING
3. FURNISHING
4. LIGHTING
CONTINUOUS ELEMENTS

PAVING
PAVING
MATERIAL PALETTE

CIP CONCRETE 8” : PROMENADE
LARGE EXPOSED AGGREGATE
SMALL EXPOSED AGGREGATE

ASPHALT CYCLE TRACK

CIP CONCRETE 13” : ROADWAY
ROADWAY PAVEMENT

CIP CONCRETE 4” : EAST-SIDE
SMALL EXPOSED AGGREGATE
CITY STANDARD CONCRETE
PAVING
east sidewalk

ALASKAN WAY
10' PARKING / LOADING
2' STEP-OUT ZONE
4' PLANTER
8'-12' SIDEWALK
PRIVATE PROPERTY
PAVING
SMALL EXPOSED AGGREGATE

SURFACE AGGREGATE
1/4” • 3/8” WASHED PEA GRAVEL
(BUILDERS SAND & GRAVEL)

CEMENT MIX
TYPE II • V
DARKER COLORING (SIM. TO LAMP BLACK)
PAVING
RRW MATERIALS
PAVING
TRANSITION TO RRW

WEATHERED STEEL BAND

CONCRETE UNIT PAVERS

ENLARGEMENT

MAIN CORRIDOR

RAILROAD WAY

SMALL EXPOSED AGGREGATE
PAVING
PIONEER SQUARE BRICKS CROSSING OVER TREE PITS

PARKING LANE

STEP OUT ZONE

TREE PIT
(RECYCLED BRICK PAVERS)

SIDEWALK
(SMALL EXPOSED AGGREGATE CONCRETE)
PAVING
RECYCLED BRICKS

7,000 BRICKS SALVAGED FROM 4TH AVENUE PAVING PROJECT
PAVING
EAST SIDEWALK STEP OUT ZONE

PARKING LANE

STEP OUT ZONE

TREE PIT
(RECYCLED BRICK PAVERS)

SIDEWALK
(SMALL EXPOSED AGGREGATE CONCRETE)
PAVING
EAST SIDEWALK STEP OUT ZONE

PARKING/LOADING
CONCRETE CURB
CONCRETE UNIT PAVERS
TREE PIT

6”
18”
PAVING
EAST SIDEWALK STEP OUT ZONE

PRE-CAST EXPOSED AGGREGATE CONCRETE UNIT PAVER
PAVING
CONCRETE INLAYS

INLAYS
SIDEWALK

INLAYS
SIDEWALK
PAVING
CONCRETE INLAYS

RAMP AND JOINTS, BOTH SIDES

DIMENSIONAL LETTERING, LEFT JUSTIFY,
[MADISON STREET]
ALIGN WITH FACE OF RAMP

DIMENSIONAL LETTERING, RIGHT JUSTIFY,
[MADISON STREET]
ALIGN WITH EDGE OF RAMP

ALIGN WITH EDGE OF RAMP AND JOINTS, BOTH SIDES

DIMENSIONAL LETTERING, LEFT JUSTIFY,
[WEST EDGE]

DIMENSIONAL LETTERING, RIGHT JUSTIFY,
[WEST EDGE]
**PAVING CURBS**

---

**6" CURB**

- **Final Lift of Pavement:** WMA (C1 1/2 in) 2" Min
- **Grade Point:**
  - 1' 6"
  - 6"

**12" CURB**

- **Grade Point:**
  - 1' 0"
PAVING
CURBS: EAST SIDE

TRANSITION 12" CURB INTO EX. 6" CURB

LEGEND
12" CURB
6" CURB
PAVING
INTERSECTIONS: DETECTABLE WARNING STRIP

CEMENT CONCRETE SIDEWALK — SEE NOTE 4

CURB RAMP

GRADE BREAK

CEMENT CONCRETE CURB
SEE NOTE 7

CEMENT CONCRETE PEDESTRIAN CURB
SEE NOTE 3

LANDING

A

4' MIN. FLARE (TYP.)

GRADE BREAK

Face of Curb

MEASURED PARALLEL TO CURB (TYP.)

PLAN VIEW

CROSSWALK

DETECTABLE WARNING PLATE AS SHOWN ON STANDARD PLAN 422K

DEPRESSED MONOLITHIC CURB
SEE NOTE 3

BUFFER WIDTH MATCH CURB RAMP DEPTH

PLAN VIEW
PAVING
INTERSECTIONS: DETECTABLE WARNING STRIP
PAVING
INTERSECTIONS: DETECTABLE WARNING STRIP
PAVING
BIKE FACILITY

LEGEND
- WATERFRONT BIKE FACILITY
- OTHER BIKE ROUTES
PAVING
MATERIAL: IMPERVIOUS ASPHALT

STEEL EDGING

SOIL CELL
EDGE DETAIL

SOIL CELL CONSTRUCTION
DEPTHs IN CYCLE TRACK

PAVEMENT, SEE PAVING DETAILS
FOR DEPTHS

FLUSH CURB AT CYCLE TRACK

STEEL EDGING

ROOT BARRIER

INSPECTION RISER

1.5 X ROOTBALL
HEIGHT, MIN.
PAVING
BIKE FACILITY STRIPING

ITEM DESIGNATION
"L-8AT" PER COS STD
8-22.1(2)

24" TALL YELLOW FLEXIBLE DELINEATOR

ITEM DESIGNATION
"L-5D" PER COS STD
8-22.1(2)

ITEM DESIGNATION
"L-28AT" PER COS
PAVING
BIKE FACILITY PAINTING

AT DRIVEWAY

IN ROADWAY
PAVING
BIKE FACILITY PAINTING

ITEM DESIGNATION
"L-5C" PER COS STD 8-22.1(2)

ITEM DESIGNATION
"L-28AT" PER COS STD 8-22.1(2)

GREEN MMA, PER SPECIAL PROVISIONS

ITEM DESIGNATION
"L-5D" PER COS STD 8-22.1(2)

BIKE FACILITY GREEN COLOR AT VEHICULAR CROSSINGS
PAVING
BIKE FACILITY TRANSITIONS

CONCRETE BAND AT
BIKE FACILITY TRANSITIONS

2" WMA (CL 1 IN. PG 64-22) OVER
NON-ROADWAY CEMENT CONCRETE (TYP)

CYCLE TRACK PAVING

WIDTH PER PLAN
SIDWALK

1/2" THROUGH JOINT

NON-ROADWAY CEMENT
CONCRETE
PAVING
EXPOSED AGGREGATE CONCRETE

LARGE AGGREGATE
7/8" - 1 1/2" WASHED DRAIN ROCK
(BUILDERS SAND & GRAVEL)
CEMENT MIX
TYPE II + V
DARKER COLORING (SIM. TO LAMP BLACK)

SMALL AGGREGATE
1/4" - 3/8" WASHED PEA GRAVEL
(BUILDERS SAND & GRAVEL)
CEMENT MIX
TYPE II + V
DARKER COLORING (SIM. TO LAMP BLACK)
Concrete Aggregate 4 (401-3, 467-3)
Size: 2"

Pea Gravel (800-3, 801-3)
Size: 3/8”, 1/2”
PAVING
INLAY DETAIL

METAL INLAY

CONCRETE INLAY

AT SEAMS BETWEEN METAL PLATES, DO NOT RADIUS EDGES

METAL PLATE, 8" THICK, 3/8" RADIUS ON ALL EXTERIOR EDGES, UNLESS OTHERWISE INDICATED

METAL PLATE MARKING, DIMENSIONAL LETTERING

SURROUNDING FINISHED GRADE, SEE PV02-20 FOR TYPE AND EXTENT

METAL PLATE MARKING, DIMENSIONAL LETTERING

METAL PLATE, 8" THICK, 3/8" RADIUS ON ALL EXTERIOR EDGES, UNLESS OTHERWISE INDICATED

METAL PLATE MARKING, DIMENSIONAL LETTERING

SURROUNDING FINISHED GRADE, SEE PV02-20 FOR TYPE AND EXTENT

HEADED ANCHOR WELDED TO UNDERSIDE OF METAL PLAN, 2' O.C.

NOTE: SEE PV23-30 FOR METAL PLATE LAYOUT AND EXTENT AND METAL PLATE MARKING CONTENT.

GROoved JOint

HARD TROWEL FINISH MARKING, DIMENSIONAL LETTERING

CEMENT CONCRETE, HARD TROWEL FINISH

SURROUNDING FINISHED GRADE, SEE PV02-20 FOR TYPE AND EXTENT

GROoved JOint

HARD TROWEL FINISH MARKING, DIMENSIONAL LETTERING

HARD TROWEL FINISH

SURROUNDING FINISHED GRADE, SEE PV02-20 FOR TYPE AND EXTENT

CONSTRUCTION JOint

NOTE: SEE PV23-30 FOR HARD TROWEL FINISH EXTENT AND EXTENT AND HARD TROWEL FINISH MARKING CONTENT.
PAVING
FINISHED MOCK UP
CONTINUOUS ELEMENTS

PLANTING
PLANTING
TYPOLOGIES

PROMENADE TYPOLOGIES
- IRREGULAR LAYOUT
- IRREGULAR SPACING
- MIXED HEIGHTS
- MAINTAINED BY FRIENDS
- RESILIENT

STREET TYPOLOGIES
- LINEAR LAYOUT
- REGULAR SPACING
- OPEN AT EYE LEVEL
- MAINTAINED BY SDOT
- TOUGH
PLANTING
DIVERSITY ALONG THE CORRIDOR

HISTORY + SHORELINE
FORMAL + OPEN
SEASONAL + VARIED
BEACH + LAYERS
BLUFF + DIVERSITY
**PIioneer Square**

**Street Trees**

**Platanus x acerifolia 'Yarwood'**

London Plane Tree

Installation Size: 4-5" Cal

20 yr Height: 25-30'

**Liriodendron tulipifera**

Tulip Tree

Installation Size: 4-5" Cal

20 yr Height: 25-30'
PIONEER SQUARE
UNDERSTORY PLANTING

SPRING
- Ceanothus gloriosus
- Iris douglasiana
- Narcissus tazetta
- Camassia leichtlinii
  "semplifera"
- Mahonia repens

SUMMER
- Achillea millefolium 'Lilac Beauty'
- Helictotrichon sempervirens
- Hakonechloa macra
- Carex densus
- Achillea millefolium
  'Moonshine'

FALL
- Aster tataricus 'Jinder'
- Acer circinatum 'Pacific Purple'

WINTER
- Linum perenne
- Carex comans
- Cornus sericea 'Kesselr'
- Symphoricarpos x
  cheirodii
- Arctostaphylos
PIONEER SQUARE PROMENADE
UNDERSTORY PLANTING

HABITAT ENHANCEMENT PLANTING (BY OTHERS)

BEACH PLANTING

STREET TREE PIT PLANTING

ALASKAN WAY

STREET TREE PIT PLANTING

MEDIAN PLANTING
COLMAN DOCK
STREET TREES

ULMUS PARVIFLORA ‘ELMER II’
CHINESE ELM
INSTALLATION SIZE: 4-5” CAL
20 YR HEIGHT: 25-30’

ULMUS AMERICANA ‘PRINCETON’
PRINCETON AMERICAN ELM
INSTALLATION SIZE: 4-5” CAL
20 YR HEIGHT: 25-30’

ZELKOVA SERRATA ‘GREEN VASE’
GREEN VASE ZELKOVA
INSTALLATION SIZE: 4-5” CAL
20 YR HEIGHT: 20-25’
COLMAN DOCK
UNDERSTORY PLANTING

SPRING
- Iris tenax 'Oregon Watercolor'
- Ceanothus thyrsiflorus 'Reeves'
- Iris douglasiana 'Canyon Snow'
- Pieris japonica 'Prelude'
- Bergenia 'Bressingham Ruby'
- Mahonia aquifolium 'Compactum'

SUMMER
- Itea virginica 'Little Henry'
- Athyrium filix-femina
- Osmunda regalis
- Polystichum munitum
- Osmunda claytoniana

FALL
- Pennisetum alopecuroides 'Hameln'
- Aster divaricatus 'wood's blue'
- Anemone hortensis

WINTER
- Vaccinium ovatum
- Lonicera pileata
- Carex comans
- Carex oshimensis 'Evergold'
- Carex elata 'Aurea'
- Mahonia aquifolium
HISTORIC PIERS
STREET TREES

ACER SACARUM ‘GREEN MOUNTAIN’
GREEN MOUNTAIN SUGAR MAPLE
INSTALLATION SIZE: 4-5” CAL
20 YR HEIGHT: 25-30’

FRAXINUS AMERICANA ‘JUNGINGER’
AMERICAN ASH
INSTALLATION SIZE: 4-5” CAL
20 YR HEIGHT: 25-30’

TILIA CORDATA ‘GREENSPIRE’
GREENSPIRE LINDEN
INSTALLATION SIZE: 4-5” CAL
20 YR HEIGHT: 20-25’
HISTORIC PIERS
UNDERSTORY PLANTING

GARDEN PLANTING

STREET TREE PLANTING

MEDIAN PLANTING

STREET TREE PLANTING

ALASKAN WAY

SPRING ST.
**HISTORIC PIERS**
**UNDERSTORY PLANTING**

### SPRING
- Brodiaea ‘Queen Fabiola’
- Camassia leichtlinii ‘Blue Danube’
- Lupinus polyphyllus
- Erthronium revolutum
- Anemone dioscorus
- Choisy x dewitteana ‘White Dazzler’
- Stylosanthes racemosa
- Waldsteinia ternata

### SUMMER
- Asarum sieboldii
- Marantimum dilatatum
- Dianthus deltata
- Lysimachia nummularia ‘Brillance’
- Potentilla fruticosa ‘Tangerine’
- Fuchsia magellanica ‘Riccartonia’
- Achillea millefolium ‘Lisc Beauty’

### FALL
- Molinia caerulea ssp. arundinacea ‘Skyracer’
- Choisy x dewitteana ‘White Dazzler’
- Aster macrophyllus ‘Twilight’
- Aster ageratoides ‘Starline’
- Hydrangea serrata ‘Tuff Stuff’

### WINTER
- Kalmia latifolia
- Gaultheria shallon
- Sarcococca hookeriana var. digyna ‘Purple Stem’
- Helleborus niger ‘Pink Frost’
- Camellia sasanqua
- Cornus sibirica ‘Tsanti’
- Cornus sibirica ‘Kelseyi’
CENTRAL PUBLIC SPACE
STREET TREES

QUERCUS PHELLOS
WILLOW OAK

INSTALLATION SIZE: 4-5" CAL
20 YR HEIGHT: 30-40'
CENTRAL PUBLIC SPACE
UNDERSTORY PLANTING

GARDEN PLANTING

STREET TREE PLANTING

ALASKAN WAY

STREET TREE PLANTING

GARDEN PLANTING

STREET TREE PLANTING
CENTRAL PUBLIC SPACE
UNDERSTORY PLANTING

SPRING

- *Magnolia ‘Elizabeth’*
- *Corylopsis spicata*
- *Eriksenanthus campanulatus ‘Red Bells’*
- *Rhododendron ‘Dreamland’*
- *Aquilegia vulgaris ‘Clementine Red’*
- *Chaenomeles ‘Scarlet Storm’*

SUMMER

- *Agapanthus ‘Brilliant Blue’*
- *Arina cordata ‘Gold King’*
- *Kaphrona ‘Ember Glow’*
- *Echinacea ‘Firebird’*
- *Getonia x ‘Arizona Sun’*
- *Abutilon megapotamicum*

FALL

- *Pennisetum alopecuroides ‘Namib’*
- *Molinia caerulea ssp Arundinacea ‘Skyracer’*
- *Cotinus coggyria ‘Aureola’*
- *Berberis thunbergii ‘Gonzamari’*
- *Acer griseum*

WINTER

- *Pinus thunbergii*
- *Carex comans ‘Bronze’*
- *Helleborus ‘Rou Carnail’*
- *Osmanthus heterophyllus ‘Quiltide’*
- *Nandina domestica ‘Moon Bay’*
HUNGARIAN OAK
INSTALLATION SIZE: 4-5” CAL
20 YR HEIGHT: 25-30’

HYBRID OAK
INSTALLATION SIZE: 4-5” CAL
20 YR HEIGHT: 25-30’

CRIMSON SPIRE OAK
INSTALLATION SIZE: 4-5” CAL
20 YR HEIGHT: 20-25’
PLANTING
GROWING MEDIA

LEGEND
- Orange: SDOT STANDARD PLANTING SOIL
- Pink: SDOT STANDARD BIORETENTION SOIL
- Green: GARDEN TOP SOIL
- Blue: SOIL CELLS
PLANTING
GROWING MEDIA

LEGEND
- SDOT STANDARD PLANTING SOIL
- SDOT STANDARD BIoretention SOIL
- GARDEN TOP SOIL
- SOIL CELLS
STREET TREES
SOIL CELLS TYPICAL LAYOUT

SOIL CELLS UNDER CYCLE TRACK

EAST-SIDE
SOIL CELLS UNDER SIDEWALK
PLANTING MEDIA
SOIL CELLS

PROVIDE 700 CF
OF SOIL PER TREE

SOIL CELLS
5% PLASTIC STRUCTURE + 95% PLANTING SOIL

↑ SUPPORTS PAVEMENT
↑ SUPPORTS TREE
CONTINUOUS ELEMENTS

FURNISHING
FURNISHING
PALETTE

WATERFRONT RAILING
BENCH
STEEL EDGING
BOARDWALK

DRINKING FOUNTAIN
BIKE RACKS
BOLLARD
TREE PIT GUARD
METAL DECK
WATERFRONT RAILING
CURRENT
WATERFRONT RAILING
PROPOSED
WATERFRONT RAILING
PROPOSED

TOP RAIL - WOOD

2 TOP RAIL SPACER, TYPICAL

2 TOP RAIL BRIDGE SPACER

2 HAND HOLD

GALVANIZED STEEL FRAME, WITH PRE-DRILLED HOLES TO ALIGNED WITH SPACERS ø 1/2"x5"xREQD

1 FLEXIBLE MESH INFILL

1 BASE PLATE SPACER, TYPE 1

TOP OF LPS PANEL SURFACE

TOP RAIL - WOOD

1 FLEXIBLE MESH INFILL

1 BASE PLATE SPACER, TYPE 1

GALVANIZED STEEL FRAME, WITH PRE-DRILLED HOLES ALIGNED WITH SPACERS ø 1/2"x5"xREQD

4"
WATERFRONT RAILING
STEEL FRAME
WATERFRONT RAILING

MESH INFILL

HIGHLINE, NYC

MESH OPENING 4"

CABLE MESH IN FRAME
WATERFRONT RAILING
MESH INFILL

ALIGN, TYP.

4'-0" O.C., TYP.

3'-6"
3'-11/2"
2'-2"

MESH INFILL ELEVATION

GAP
WATERFRONT RAILING

TOP RAIL

EKKI WOOD TOP RAIL SECTION
WATERFRONT RAILING
RAILING CONNECTIONS
WATERFRONT RAILING
RAILING CONNECTIONS

END RAIL SOUTH

END RAIL NORTH

TOP RAIL SPACER, BETWEEN FRAMES

TYPICAL MESH INFILL ATTACHMENT

BASE PLATE SPACER, TYPE 1
WATERFRONT RAILING
RAILING MOCK UP: PIKE HILL CLIMB
WATERFRONT RAILING
RAILING MOCK UP: PIKE HILL CLIMB
WATERFRONT RAILING
RAILING MOCK UP: PIKE HILL CLIMB
WATERFRONT RAILING
RAILING MOCK UP: PIKE HILL CLIMB
FURNISHING
BENCHES

1. WITH BACK
2. WITHOUT BACK
3. VIEWING BENCH

WATERFRONT RAILING
BENCHES
STEEL EDGING
BOARDWALK
UTILITY BOLLARDS
DRINKING FOUNTAINS
TRASH CANS
BIKE RACKS
BOLLARDS
TREE PIT GUARDS
METAL DECKING
BENCHES
WITH BACK

12’, VIF
EQ
C
ALIGN
16’, VIF
EQ
C
ALIGN
28’, VIF
C
ALIGN
20’, VIF
C
ALIGN
12’, VIF

BOLLARD LIGHT, TYP
15’
BENCHES
WITH BACK

TIMBER BACKREST

3

TIMBER BACKREST ATTACHMENT

2'-1 1/4"

1'-10"

3 ARMREST
RN175 W/ BACKREST

TIMBER LOG
- R 1/2" FOR ALL EDGES AND CORNERS
- GRAIN TO FACE UP

ALL ATTACHMENT PLATE
FINISH GRADE

CONCRETE PAVING

TYPICAL CROSS SECTION

LONGITUDINAL SECTION
BENCHES
WITHOUT BACK: HISTORIC PIERS

BOLLARD LIGHT, TYP

BENCH TYPE 4A
BENCHES
WITHOUT BACK: COLMAN DOCK

OSCAR TUASON,
LONGHOUSE, TYP
SEE ST440
BENCHES
WITHOUT BACK

TYPICAL CROSS SECTION

LONGITUDINAL SECTION

STANDALONE ARMREST

TIMBER LOG
- R 1/2" FOR ALL EDGES AND CORNERS
- GRAIN TO FACE UP

ATTACHMENT PLATE

CONCRETE PAVING

FINISH GRADE
BENCHES
VIEWING BENCHES
BENCHES
VIEWING BENCH: CHAISE

TIMBER BACKREST
TIMBER BACKREST ATTACHMENT
STEEL EDGING PLANTER
CONCRETE PAVING

5'-9 3/4"
5'-6 1/2"
1'-10"
1'-10"
1'-10"
1'-10"

ANCHOR ROD W/ WOOD PLUG ON BOTH ENDS
SKATE DETERRENT
ATTACHMENT PLATE
FINISH GRADE

1 / TYP

BENCH TYPE 2A - (4) UNITS, BENCH TYPE 2B - (5) UNITS, SEE FN PLAN
BENCHES
VIEWING BENCH: ZIGGURAT
BENCHES
VIEWING BENCH: STEPPED
STEEL EDGING
LAYOUT
STEEL EDGING
6-18" TALL

STEEL EDGING AT PROMENADE EDGE

STEEL EDGING AT BIKE FACILITY EDGE
STEEL EDGING
18-42" TALL

PLANTER EDGING
- PRE-WEATHERED STEEL
- TO BE WELDED TO STEEL TEE POST

FINISH GRADE
@ UPPER PLANTING AREA
MULCH, TYP

TEE POST
- PRE-WEATHERED STEEL
- WELDED TO STEEL BASE PLATE

FINISH GRADE
@ LOWER PLANTING AREA

BASE PLATE
- PRE-WEATHERED STEEL

ANCHOR, TYP
- TYPE 316 SS

PLANTING SOIL

AGGREGATE

CONCRETE FOOTING

COMPACTED SUBGRADE
STEEL EDGING
6-18” TALL
STEEL EDGING
18-42" TALL
FURNISHING
BOARDWALK

- TREE PIT GUARD
- GSI + METAL DECK
- BOLLARDS
- STEEL EDGING
- BOARDWALK
- HISTORIC BALUSTRADE
- WATERFRONT RAILING
- DRINKING FOUNTAINS
- BIKE RACKS
- BENCHES
BOARDWALK
LAYOUT + MATERIAL

SPACE WOOD CURB ANCHOR EVENLY, AVOID CONFLICT W/ CONCRETE FOUNDATION, TYP

HARDWOOD WOOD CURB, TYP
WATER JOINTS
TYP FOR ALL WOOD CURB CORNERS

CONCRETE FOUNDATION BELOW, TYP
WOOD NAILER BELOW, TYP
HARDWOOD PLANK, TYP
WOOD CURB ANCHORING, TYP
PLANK ANCHORING, TYP

CUMARU 2X4
BOARDWALK
EDGING + LIGHTING
BOARDWALK VIEW
FURNISHING
UTILITY BOLLARDS: TO PROVIDE POWER
UTILITY BOLLARD LOCATIONS
UTILITY BOLLARD
DETAILS

MANUFACTURER: HESS
NAME: TORO, MORANO
FURNISHING
DRINKING FOUNTAINS

- TREE PIT GUARD
- GSI + METAL DECK
- BOLLARDS
- STEEL EDGING
- BOARDWALK
- BENCHES
- HISTORIC BALUSTRADE
- WATERFRONT RAILING
- DRINKING FOUNTAINS + TRASH
- BIKE RACKS
DRINKING FOUNTAINS
MANUFACTURER: ELKAY

MANUFACTURER: ELKAY
NAME: 4420BF1U
MATERIALS: STEEL
100% RECYCLABLE,
ADA ACCESSIBLE,
WATER BOTTLE FILLER
PET FOUNTAIN
TRASH RECEPTACLES
MANUFACTURER: LANDSCAPE FORMS

NAME: LAKESIDE

MATERIALS: STEEL, LOW DENSITY PLASTIC LINER
100% RECYCLABLE

COLOR: MATCH RAL COLOR OF LIGHT POLES,
BOLLARDS, ETC.

SECURITY OPTIONS:
• MOVABLE (SMALLER INSTALLATION COST)
BIKE RACKS
DESIGN: LANDSCAPE FORMS
BIKE RACKS
INSTALLATION

NOTES:
1. ANCHOR AS PER MANUFACTURER’S INSTRUCTIONS.
2. SEE FN360 FOR PAVING REINFORCEMENT DETAILS.

BIKE RACK

CONCRETE PAVING
SEE PAVING DETAILS
PROMENADE

NON-SHRINK GROUT

STEEL EDGING PLANTER

BIKE RACK, TYP
FURNISHING

BOLLARDS
BOLLARDS
DESIGN

MANUFACTURER: HESS
NAME: MORANO 900
MATERIALS: BILLET ALUMINUM TOP CAP, STEEL BOLLARD SHAFT

Ø 3.3"

23.6" / 35.4" / 47.2"
FURNISHING
TREE PIT GUARDS
TREE PIT GUARD
PROPOSED PANEL
TREE PIT GUARD
PROPOSED PANEL

POST MEMBER SIZE: 1" SQ. BAR
PANEL MEMBER SIZE: 3/8" X 3/4" PLATE

24" PANEL

18" TALL

4" 6"

13"

1"

POST: 1" SQUARE BAR

PANEL: 3/8" X 3/4" PLATE
TREE PIT GUARD
STANDARD POSTS

VAR SEE FN41 THROUGH FN43

UPPER TAB, TYP
POST, TYP

LOWER TAB, TYP
SIDEWALK FINISH GRADE OR BIO-RETENTION PLANTER TOP OF WALL

SIDEWALK SLAB

POST BOLTS TO EDGE OF SIDEWALK
TREE PIT GUARD
DETAILS

- POST
  - 1" X 1" PRE-WEATHERED STEEL SOLID BAR

- SCREW
  - TYPE 316 SS
  - FLATHEAD
  - TAMPER PROOF
  - REMOVABLE
  - CENTERED TO TAB ON TAB'S ENDWISE

- PANEL

- TAB
  - PRE-WEATHERED STEEL
  - 1/4" THK
  - WELDED TO POST
  - NUT AND WASHER
    - TYPE 316 SS

- SIDWALK FINISH GRADE OR BIO-RETENTION PLANTER
  - TOP OF WALL

- UPPERS TAB, TYPE

- POST, TPY

- PANEL

- LOWER TAB, TPY
  - TO BE ANCHORED TO WALL AT EACH POST

- PANEL

- PANEL
  - TO BE ANCHORED TO POST BY TAB

- PANEL
  - TO BE ANCHORED TO POST BY TAB

- SIDWALK FINISH GRADE OR BIO-RETENTION PLANTER
  - TOP OF WALL
TREE PIT GUARDS
SIZES

TREE PIT LAYOUT PLAN AREA 3 SOUTH

TREE PIT LAYOUT PLAN AREA 3 NORTH

TREE PIT LAYOUT PLAN AREA 10 NORTH

TREE PIT LAYOUT PLAN AREA 10 SOUTH
FURNISHING
METAL DECK OVER WET PLANTERS
METAL DECK OVER WET PLANTERS

MATERIAL

REQUIREMENTS:
- ADA COMPLIANT
- SLIP RESISTANT
METAL DECK OVER WET PLANTERS
DETAILS
FURNISHING
PALETTE

WATERFRONT RAILING
BENCH
STEEL EDGING
BOARDWALK

DRINKING FOUNTAIN
BIKE RACKS
BOLLARD
TREE PIT GUARD
METAL DECK
CONTINUOUS ELEMENTS

LIGHTING
LIGHTING
CONTINUOUS ELEMENTS

PROMENADE  TIDELINE TERRACES  CYCLE TRACK  SIDEWALK  ALASKAN WAY  EAST-SIDE
LIGHTING
PALETTE

HI-LOW STREET LIGHT
TRI-GLOBE
PROMENADE COLUMN LIGHT
PROMENADE BOLLARD LIGHT
GARDEN LIGHT
TREE UP-LIGHT

NOTE 1: BRACKET ARM TYPE PER LUMINARIA SCHEDULE
NOTE 2: 12" SQUARE BASE, 11.5" BOLT CIRCLE

POLE TYPE PER LUMINARIA SCHEDULE
BRACKET ARM TYPE PER LUMINARIA SCHEDULE
FLEX ARM TYPE PER LUMINARIA SCHEDULE

HANDHOLE
BASE COVER
3" BOSS D.C.
1 1/2" BOLT CIRCLE

FIXTURE TYPE PER LUMINARIA SCHEDULE
30" HOLLOW SQUARE SHAFT FOR SOL. WAVE SENSOR CABLES

COLOR PALETTE:
- Hi-Low Street Light: Red
- Tri-Globe: Red, Blue, Green
- Promenade Column Light: Blue
- Promenade Bollard Light: Blue
- Garden Light: Blue
- Tree Up-Light: Green
LIGHTING
ROADWAY: HIGH-LOW

HI-LOW STREET LIGHT
LIGHTING
PIONEER SQUARE TRI-GLOBES
LIGHTING
PIONEER SQUARE TRI-GLOBES

TRI-GLOBE
LIGHTING
PROMENADE POLES
LIGHTING
PROMENADE POLES
LIGHTING
PROMENADE BOLLARDS
LIGHTING
PROMENADE BOLLARDS
LIGHTING
PROMENADE BOLLARDS

PROMENADE BOLLARD LIGHT
LIGHTING
TREE UP LIGHTS
LIGHTING
TREE UP LIGHTS
LIGHTING

GARDEN LIGHTS
LIGHTING
GARDEN LIGHTS

CROSS SECTION

LIGHTING FIXTURE

GARDEN LIGHTS, MULTI-DIRECTIONAL
ABOVE GRADE MOUNTING
FINISHED GRADE

TBD
BOARDWALK LIGHTING
END