Cycle track examples - Copenhagen
Lane configuration changes

Westbound: 7.5 ft Parking lane
11 ft Travel Lane

Eastbound: (2) 11 ft Travel Lanes
9 ½ ft Cycletrack
7.5 ft Parking Lane

Cycle track assumptions

5.5 ft travel lanes one way
4 ft painted buffer at parking
Paved Cycletrack
Grade separated

Conflicts

1. ADA parking spaces and accessibility
Per the SFPUC and the CCSF Stormwater guidelines, Folsom Streetscape will detain storm-water to reduce the volume of water entering the city's overly burdened combined sewer stormdrain system during large storm events. See Appendix B.
RAIN GARDEN PLANTING - BASE PLANTING PALETTE

New Zealand Flax (4’-5’ tall)
Phormium tenax 'Golden Ray'

New Zealand Flax (6’ tall)
Phormium tenax 'Variegatum'

Mat Rush (4’-5’ tall)
Lomandra longifolia

Large Cape Rush (3’-5’ tall)
Chondropetalum elephantinum

Golden Sword (1.5’-3’ tall)
Baumea rubiginosa

ACCENT PLANTING PALETTE

Bog Sage (4’-6’ tall)
Salvia uliginosa

Red Hot Poker (3’-4’ tall)
Kniphofia 'Shining Scepter'

Panic Grass (4’-5’ tall)
Panicum virgatum 'Heavy Metal' or 'Blue Tower'

Redtwig Dogwood (5’ tall)
Cornus stolonifera 'Isanti'

Fortnight Lily (2’-4’ tall)
Dietes inodioides
STREET TREE

Brisbane Box
Lophostemon confertus

48" box tree
Loose gravel at base of tree
Resin set gravel
Edge restraint
Permeable paver over 12"
permeable aggregate base
Structural planting soil at tree
North side of Folsom 8'-0" x 25'-0" trench
South side of Folsom 8'-0" x 15'-0" trench
Draining soil layer
Prepared subgrade
6" perforated subdrain;
Connect to storm drain

Note:
24" deep root barrier at street curb;
Provide 8 foot minimum length center on tree.
Custom Bench
Trash and Recycling Receptacle
5'-0" wide permeable paver band
Rain garden
CIP Concrete seat wall and curb
Skate deterrent/arm rests at CIP seat wall
Drain inlet with bronze grate
8'-0" wide granite bands
Permeable gravel at tree pit
Concrete paving with integral color
**TRANSBAY STREETSCAPE: FOLSOM STREET**

**SCHEMATIC DESIGN**

**SITE MATERIAL IMAGES**

**P1 - 8’-0” WIDE GRANITE COBBLE BAND**

- **Granite Cobble**
  - 3.5" x 3.5" x 1.5" Coldspring granite
  - Academy Black
  - Thermal Finish on top surface
  - Sawn sides and bottom
  - Mortar set on concrete subslab

- **Cobble Alternate**
  - 3.5" x 3.5" x 1.5" Quarry House basalt
  - Britannia Black
  - Flamed Finish on top surface
  - Sawn sides and bottom
  - Mortar set on concrete subslab

**P2 - 5’-0” WIDE PERMEABLE PAVER BAND**

- **Permeable Paver**
  - Ekopaver
  - Natural Sand color
  - 8” x 8” x 3” sand set paver

**P3 - PERMEABLE GRAVEL AT TREE PIT**

- **Resinset Gravel**
  - Chameleon Ways
  - 5’ x 8’ area at street trees
  - Addapave TP
  - Dove Grey Pebbles

**P3 ALTERNATE - TREE GRATE AT TREE PIT**

- **Urban Accessories Tree Grate**
  - 5’ deep x 8’ wide
  - Kiva grate
  - Bronze

*Installed on south side of Folsom Street between Main and Spear Streets*
**P5 - ACCESSIBLE CURB RAMP**

*Truncated Domes*
- Truncated domes 4’ wide x 3’ deep
- Domes are 1.67” OC and 2.25” OC spacing

*Standard Concrete Ramp*
- 4’ wide, 8.33% max slope at ramp with 5% max side slope
- 70% contrast from surrounding paving required

**SF1 - RAIN GARDEN**

*SF 1A - Cast in place Concrete Seatwall and curb*
- Granada White
- Light Sandblast Finish

*SF 1B - Custom skate deterrent/ arm rest*
- Cast aluminum with powdercoat finish

*SF 1C - Trench grate at drain inlet*
- Iron Age Designs ‘Que Trench’ bronze

**P4 - CONCRETE WITH INTEGRAL COLOR**

*Concrete sidewalk infill*
- Davis Colors - Sierra 61078
- Sawcut control joints
- Medium sandblast finish
**SF2 - CUSTOM BENCH**

Custom Bench with Back
- Cast aluminum with powdercoat finish frame
- Taktl Ultra High Performance Concrete seat
- Perforated aluminum back with powdercoat finish

**SF3 - BIKE RACK**

Welle
- 'Circular Bike Rack with Square Tube'

**SF4 - TRASH AND RECYCLING RECEPTACLE**

Forms and Surfaces
- Custom trash receptacle
- Accessible reach to opening - 40” maximum

**SF5 - BOLLARD**

Urban Accessories
- ‘DG5 Bollard’ with custom loops
Site Furnishing Notes

Site furnishings are per the Transbay Redevelopment Project Area Streetscape & Open Space Concept Plan (Concept Plan) approved in 2006. In the interim, some furnishings have been discontinued by the manufacturer or are not compliant with 2010 accessibility codes. The following is a list of site furniture substitutions:

1. **Bench** - A custom Folsom Street bench is proposed because the bench specified in the Concept Plan is a transit perch-type bench. The bench is no longer manufactured and one bus stop is planned for Folsom Street. The one stop will have the Muni specified bus shelter which contains perch type benches. The custom Folsom Street bench will be located near the rain gardens and is compliant with current accessibility codes.

2. **Trash and recycling receptacle** - The recycling opening on the top of the specified receptacle exceeds the maximum reach distance for a person in a wheelchair. The receptacle will be modified to have a trash opening on one side and a recycling opening on the other side. Two liners to separate trash and recycling will be provided on the interior of the receptacle.

3. **Tree pit** - The Concept Plan indicates open gravel areas at tree pits within the 8’-0” wide granite cobble bands. As a refinement to the concept, schematic design proposes a permeable resin-set gravel. The Better Streets Plan discourages tree grates at street trees.

4. **Street light with vehicular and pedestrian fixtures** - The Rincon Hill Master plan and the SFPUC city wide light fixture catalogue revised the Folsom Street fixture.

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Per 2011 Rincon Hill Streetscape Master Plan
Folsom Street

Permeable Paver - P2

Cast-in-place concrete curb

Wet and dry tolerant planting

Cast-in-place concrete seatwall - SF1A

Skate deterrent/arm rest - SF1B

Folsom Street custom bench - SF2

Granite cobble paving band - P1

Rain garden for stormwater detention

3” gravel mulch

12”-18” stormwater detention soil mix

6” gravel

Infiltration into subgrade where feasible

subdrain if necessary

Rain garden for stormwater detention width varies =5’-0”
Folsom Street concrete curb and gutter
Drain inlet from gutter into rain garden
Bronze trench drain grate
Cast-in-place concrete curb
Wet and dry tolerant planting
Concrete paving with integral color
Rain garden for stormwater detention
3” gravel mulch
12”-18” stormwater detention soil mix
6” gravel
Infiltration into subgrade soil where feasible
subdrain if necessary

Folsom Street concrete curb and gutter
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subdrain if necessary
REFERENCES

Documents referenced for development of the Folsom Street Schematic Design:

2005 Development Controls and Design Guidelines for the Transbay Redevelopment Project, SFRA, SF Planning Department, 2005.
2006 Transbay Redevelopment Project Area Streetscape & Open Space Concept Plan - SFRA
2009 Stormwater Design Guidelines - SFPUC
2010 ADA Standards for Accessible Design - SF DPW ADA
2010 Proposed TCDP Street Configuration plan - SF Planning Department
2010 SF Better Streets Plan
2011 Rincon Hill Streetscape Master Plan - SF Planning Department
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