

CENTRAL CORRIDOR STORMWATER
& GREEN INFRASTRUCTURE PLAN

PUBLIC ART INTEGRATION RECOMMENDATIONS

Prepared by Craig David
July 8, 2013

“FLUXion ≈ gARTens”

The Network of Stormwater ‘gARTens’
along the Central Corridor

‘Public Art’ **AS** ‘Green Placemaking’
‘Green Placemaking’ **AS** ‘Public Art’



Stacy Levy, ‘Straw Garden’, Architecture Daily Facebook Page, KNOT RAIN-GARDEN

What is ‘FLUXion’?

- ‘FLUXion’: (flük shən) n. 1. A flowing. 2. Continual change. 3. That which flows.

What is a ‘gARTen’?

- ‘gARTen’: (gärt’ n) n. 1. A green space/place created as **Public Art**.
2. A green space/place that celebrates ‘water’, especially stormwater.
3. A green space/place whose primary functions are to manage stormwater and be utilized (or viewed) by the public.



‘Meet, Sit, Talk’ Lorna Green, University of Leeds, UK PARK ‘gARTen’

What is the ‘FLUXion ≈ gARTens’ Network?

- ‘FLUXion ≈ gARTens’ is a network of many green art spaces/places that are open to the public, and developed along the Central Corridor.
- Individual gARTens (green spaces/places designed in collaboration with artists as public art) function primarily as stormwater management systems while creating artistic public green spaces/places.
- Individual gARTens are authentic green places, gardens, pocket parks and art works.
- Individual gARTens are green spaces/places created as environmental, economic, social, and aesthetic sites



Example of ‘FLUXion gARTens’ interactive online map (prototype map)

- ‘FLUXion ≈ gARTens’ is branded and utilized with an interactive website that maps, illustrates, documents and describes all the connected ‘gARTens’. (one can travel gARTen to gARTen with the help of a smart phone, ipad or lap top).
- ‘FLUXion ≈ gARTens’ are satellite arboretums and botanical gardens that are mapped, illustrated and utilized through the interactive website, and (hopefully) integrated into the University of Minnesota Arboretum System.



Glendale Townhome Community Gardens
Photo: makingbettermn.org
COMMUNITY GARDEN



Alphabet City Community Garden, Photo: pps.org
COMMUNITY GARDEN

What are the Stacked Benefits of 'FLUXion ≈ gARTens' ?

- on-site stormwater management, watershed conservation
- environment: stormwater pollution abatement, wildlife habitat, energy conservation (shade), carbon sequestration
- health: green corridors - walking, biking and use of transit
- health: food systems, urban farms, community gardens, sustainability
- celebration of stormwater, watersheds, food systems and the environment
- education about stormwater, watersheds, food systems and the environment
- education about environmental public art integration, public art as green space
- green space utilization: social and economic development and sustainability
- commercial and residential development and sustainability
- cultural integration and understanding
- aesthetic value: commercial / residential appeal
- participatory development of green infrastructure and public art by community
- celebration of trees, plants and green space



'Landmark Tree', Bur Oak Photo: P. Hamilton
Eleanor Graham Community Garden
City of St. Paul 'Landmark Tree Program',
LANDMARK TREE PROGRAM – SACRED TREE
(Curfew Commons)



Topiary Park, Columbus, OH TOPIARY GARDEN
Photo: Topiary Park

What benchmarks designate a green space as a gARTen ?

- an artist is a part of the design – implementation team
- stormwater management, plant materials, and environmental elements are fundamental
- public art is a primary component
- the public and community are able to access, utilize or observe the space
- a maintenance plan is developed and employed



'Sustainable Roundabout', Hoerr Schaudt LA
Normal, IL. Photo: dirt.asla.org
SUSTAINABLE ROUNDABOUT gARTen



'Living Water Garden', Betsy Damon
Chengdu, China Photo: greenmuseum.org
PLAYGROUND gARTen, (Curfew Commons Site)

What are the precedents and possibilities for 'gARTens' ?

- public green space gARTen , park gARTen
- community gARTen, urban farm gARTen, green outdoor market
- vernacular gARTen, (owner maintained, eclectic, authentic: function varies)
- mini arboretum, botanical gARTen, ornamental gARTen
- stormwater fountain, water feature gARTen
- traffic round-about, boulevard gARTen,
- walk/bike path gARTen, alley gARTen
- green wall gARTen, public rooftop gARTen
- educational gARTen, playground gARTen,
- restaurant cooks gARTen, restaurant herb gARTen
- sculpture gARTen, topiary gARTen
- environmental gARTen , tree gARTen



'Urban Rain', Jackie Brookner, Roosevelt Community Center, San Jose, CA
Photo: Gates + Associates LA FUNCTIONAL STORMWATER PUBLIC ART

What are the Public Art possibilities for 'gARTens' ?

The line between art, architecture and landscape design has been blurred in recent years. These possibilities will be collaborative efforts between artists, designers, engineers and architects.

- stormwater sculpture, stormwater feature
- stormwater fountain, stormwater playground
- green wall, green mural wall
- mixed use green space
- performance based public art, temporary art installation
- artist designed fencing, stormwater grate, catch basin stencil
- artist designed green space, topiary garden, ornamental garden
- artist designed botanical / arboretum garden
- artist designed rain garden
- artist designed functional gARTen buildings

Public Art Possibilities – Precedents:



'Living Pavilion', Ann Ha and Behrang Behin, Architectural Daily
SCULPTURAL GREEN BUILDING UTILIZES RAIN WATER



'Living Pavilion', Ann Ha and Behrang Behin, Architectural Daily
SCULPTURAL GREEN BUILDING UTILIZES RAIN WATER

Public Art Possibilities – Precedents:



'Four Umbrellas', Michael Maiden/KPFF Consulting Stormwater Sculpture and 'gARTen' Portland Environmental Services, Portland, OR RAINWATER FEATURE SCULPTURE



'Whole Flow', Buster Simpson, Whole Foods Stormwater sculpture and 'gARTen' Whole Foods, Pasadena, CA. Photo: Buster Simpson RAINWATER FEATURE SCULPTURE



Buster Simpson/Peg Butler. Stormwater Bike Rack Portland Environmental Services, Portland, OR Photo: Daily Journal of Commerce, RAIN SCULPTURE



Buster Simpson/Peg Butler. Stormwater Bike Rack Portland Environmental Services, Portland, OR Pic: Daily Journal of Commerce, RAIN SCULPTURE

Public Art Possibilities – Precedents:



'Bay Meadows Fountain and Stones', Gates + Associates LA San Mateo, CA Photo: Gates + Associates LA FUNCTIONAL FOUNTAIN

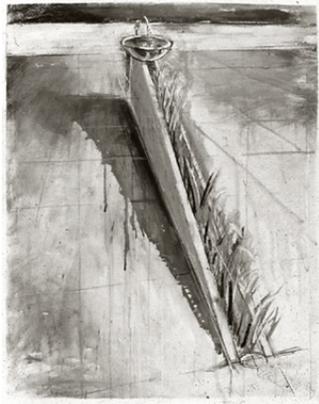


Green Wall Mural, Saks Fifth Avenue, Palm Beach, FL. Photo: inhabit.com GREEN WALL MURAL

Public Art Possibilities – Precedents:



Jane Ingram Allen, "Blue River", Mixed Use Green Space
Photo: greenmuseum.org PERFORMANCE ART SPACE



'Drinking Fountain for People and Plants'
Mark Van Kempen Environmental Art (unrealized)
FUNCTIONAL WATER SCULPTURE



'Underground Stormwater Sculpture'
Mark Van Kempen Environmental Art
WATER FEATURE (Curfew Commons Site)

Public Art Possibilities – Precedents:



Cal Anderson Park Fountain, Seattle, WA Photo: seattle.gov
PUBLIC FOUNTAIN



Dreiseitl Rainwater Sculpture, Herbert Dreiseitl
Ann Arbor, MI Pic: Huron River Watershed Council
RAINGARDEN FEATURE (BMP?)

Public Art Possibilities – Precedents:

PLEASE DON'T POLLUTE



DRAINS TO

MISSISSIPPI RIVER

Painted Stencil, Catch Basin Photo: City of Minneapolis
EDUCATIONAL COMPONENT TO gARTen



Town Hall Square, Hattersheim, Herbert Drieseitl , WATER FEATURES (Curfew Commons Site)

Public Art Possibilities – Precedents:



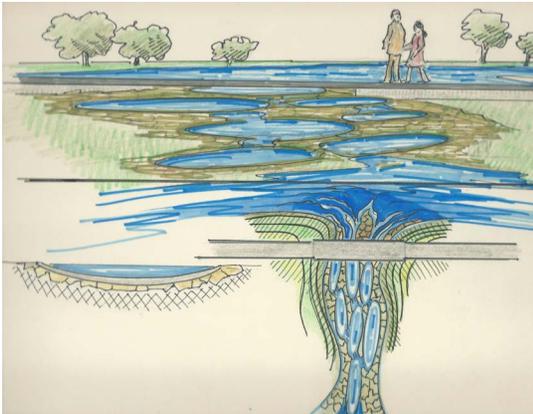
'Tanner Springs Park', Herbert Drieseitl, Portland, OR ARTIST DESIGNED SPACE



Urban Hydrology, Herbert Drieseitl, WATER FEATURE
(Curfew Commons Site)



'Waterworks Garden', Lorna Jordan (Curfew Commons)



'Reflecting Discs Spillway', Curfew Commons, Craig David

Public Art Possibilities – Precedents:



'Prisma', Nuremberg, Germany, Herbert Drieseitl, WATER FEATURE



Photo: Homesthetics.net (Curfew Commons Site)

Public Art Possibilities – Precedents:



Green Infrastructure Plantings: Oak Savanna and Limestone Seat Walls (Bluffs)
Craig David, (Curfew Commons)



Horton Park Arboretum, Photo: Wikipedia
MINI ARBORETUM

Public Art Possibilities – Precedents:



Brooklyn Botanical Garden,
BOTANICAL GARDEN, MINI ARBORETUM



Hua Mei Bird Garden, photo: Project for Public Spaces
VERNACULAR GARDEN, MIXED USE SPACE

Public Art Possibilities – Precedents:



'Temescal Creek Channel', Bay St. Memorial, Gates + Associates LA
Emeryville, CA. Photo: Gates + Associates LA
FUNCTIONAL STORMWATER PUBLIC ART



'Beckoning Cistern', Buster Simpson, Seattle, WA. Photo: Buster Simpson
FUNCTIONAL STORMWATER PUBLIC ART

Public Art Possibilities – Precedents:



'Water Feature', Vera Katz Park, Portland, OR
Photo: Bryn Davidson
FUNCTIONAL STORMWATER PUBLIC ART



Rain Garden, Vera Katz Park, Portland, OR
Photo: Bryn Davidson
ARTIST DESIGNED RAIN GARDEN



"Urban Waterfall" by Linda Wysong, Portland Community College,
Water Education Plaza, Portland, OR. Photo: Linda Wysong
(Boeser Site)

Public Art Possibilities – Precedents:



"Floating Bouys' on Underground Cistern, by Lango Hansen L.A., Portland Community College
Photo: Lango Hansen, L.A. (Boeser Site)



"Floating Bouys' on Underground Cistern, by Lango Hansen L.A., Portland Community College, Photo: Lango Hansen, L.A. (Boeser Site)

Public Art Possibilities – Precedents:

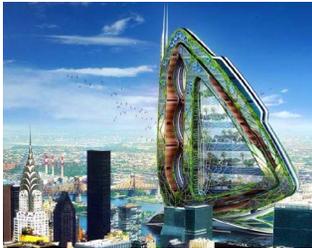


Bryant Park Entry, pps.org
ARTIST DESIGNED KIOSKS, STREET PTG



Bryant Park, NYC, Chess / Backgammon pps.org
ARTIST DESIGNED TABLES, BENCHES

Public Art Possibilities – Precedents:



'Dragonfly Building', Inhabit.com
CONCEPTUAL FARM TOWER



Nanyang Tech University School of Art, Photo: Environment
GREEN ROOF, ARTIST DESIGNED PAVING



Botanical Apartment, Phuket, Thailand
Photo: Cherise Randle, greenlifestyles.org
GREEN URBAN APT BUILDING - gARTens
ARTIST COLLABORATION



Organic Building, Osaka Japan, G. Pesce, Architect
Photo: Bridgette Meinhold, Inhabit
STORMWATER COLLECTOR gARTens
ARTIST COLLABORATION

Links for 'gARTens' and green public art ideas:

- The Green Museum – www.greenmuseum.org
- The Project for Public Spaces – www.pps.org
- Inhabit – www.inhabit.com
- Green Lifestyles – www.greenlifestyles.org
- Environment - <http://www.environment.gen.tr>
- Architecture Daily / Facebook – Facebook- Architecture Daily
- The Dirt – www.dirt.asla.org
- Reimagining Stormwater, C. Baeumler – goggle search
- Architizer – www.architizer.com
- Jackie Brookner, environmental artist – www.jackiebrookner.net
- Herbert Dreiseitl, environmental artist – www.dreiseitl.com
- Buster Simpson, environmental artist – www.bustersimpson.net
- Mark Van Kempen environmental artist – www.mbvstudio.com



Federal Courthouse Plaza, Martha Schwartz – Tom Otterness
PUBLIC ART AS GREEN SPACE

PAGE INTENTIONALLY LEFT BLANK