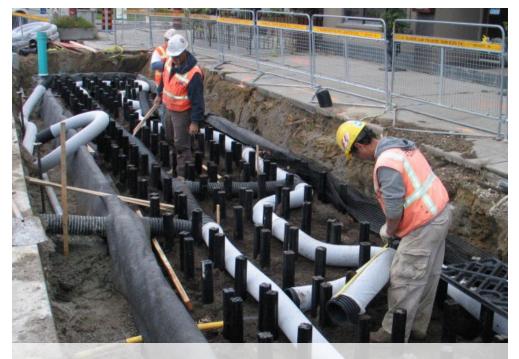


## Precedent Images **Green Infrastructure**



Tree well structure





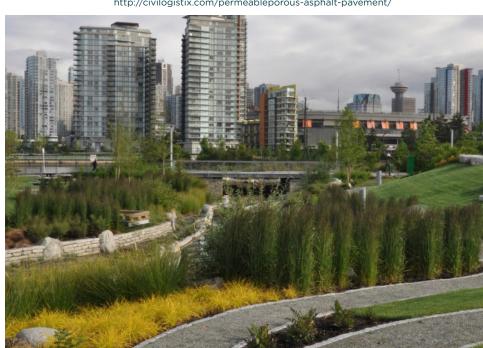
Non-porous asphalt vs porous asphalt

http://civilogistix.com/permeableporous-asphalt-pavement/





Streetcar



Hinge Park, Vancouver. Integrates the creation of a naturalized wetland environment that manages rainwater runoff.





### Rain garden & infiltration bulge

Google images

Hastings Creek, Vancouver. Daylighted creek.

http://www.vancourier.com/news/vancouver-park-board-wants-nature-back-at-new-brighton-1.1925340



### Precedent Images **Green Infrastructure**



Removing rainwater from sewer pipes will reduce combined sewer overflows. City must eliminate CSOs by 2050.

Google Images



The Yards Park, Washington. Waterfront greenspace.

http://www.jdland.com/dc/yards-park.cfm







Hudson Park, midtown Manhattan. Urban green space providing seating, open lawns, public art, and fountains.



Brooklyn Bridge Waterfront Park, Brooklyn. Revitalized Waterfront park.

http://www.mvvainc.com/project.php?id=56

https://www.tripexpert.com/lists/data-science-guide-new-york-city-fireworks

#### Brooklyn Bridge Park, Brooklyn. 85-acre (34 ha) revitalized waterfront park.

https://archpaper.com/2013/02/preparing-for-future-storm-surges-delays-rogers-marvels-brooklyn-bridge-park-pierhouse/

Cumberland Park, Tennesse. Layering of multi functional uses.

https://www.archdaily.com/228388/cumberland-park-hargreaves-associates



### Precedent Images

Social Sustainability / Healthy Communities / Public Spaces



Chicago Riverwalk, Chicago. Open, pedestrian waterfront activating the water's edge.

http://www.chicagonow.com/show-me-chicago/2017/04/chicago-riverwalk-kicks-off-summer-2017vith-daylong-celebration



Capitol Plaza, Vermont. A place to pause with contemporary seating and adjacent cafes and shops.



https://asla.org/awards/2005/05winners/385.html



Outdoor public community gym



Paley Park, New York. Integrates falling water, airy trees, lightweight furniture and simple spatial organization.



The Plaza at Harvard University. Gathering space at the heart serving students, faculty, staff, and the local community.

https://urbannext.net/the-plaza-at-harvard/

Monash University Caulfield Campus. Centre for the exchange of ideas, socialisation, imagination, and reflection.

http://www.landezine.com/index.php/2015/11/monash-university-caulfield-campus-green-by-taylorcullity-lethlean/



### Precedent Images

Social Sustainability / Healthy Communities / Public Spaces



Community playgrounds



-opened-in-castle-park-1-3666508 http://www.eadt.co.uk/news/colc



https:/



COV





https://thegotownsville.com.au/2014/07/join-townsvilles-yoga-revolution/

### Children-friendly Protected Bikelane

w.bicycling.com/culture/advocacy/what-the-800-million-fast-act-means-for-cyclists



http://squamishcan.net/squamish-can-grow-community-garden/



## Precedent Images Green Buildings / Renewable Energy



Vauban is a neighbourhood in Freiburg, Germany. All the homes produce a positive energy balance.

https://makinglewes.org/2014/01/26/vauban-freiburg-germany/



Green roofs allows to regulate the temperature of the building.

http://arkaconsulting.blogspot.ca/2015/04/azoteas-verdes-una-opcion-sana-y.html







Wind turbines integrated with a building to reduce overall energy demands.



Solar panels are a common renewable energy solution that has been integrated with buildings for many years.

http://www.wind-works.org/cms/index.php?id=539

#### Shared community electric car charging stations.

https://www.evgo.com/about/news/nrg-evgo-completes-largest-corporate-installation-electric-vehicle-charging-stations-southern-california/

An office building in Nice, France. It integrated landscape into the building as an eco-conscious approach.

https://www.archdaily.com/office/laisne-roussel



## Precedent Images Green Buildings / Renewable Energy

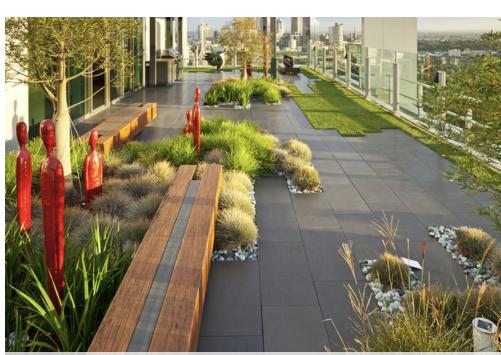


Hanover Olympic building, Los Angeles. Designed with a series of solar-powered apartments built with sustainable material. https://la.curbed.com/2016/7/10/12089628/hanover-olympic-solar-powered-eco-green-apartments-downtown/comment/384707041



The Staten Island, NYC. It boasts a large solar-paneled canopy roof and consumes half the power of a typical public school.

https://www.dezeen.com/2015/12/29/som-designs-first-net-zero-energy-school-new-york-city/





Seven-story LEED Platinum building includes live-work units, retail facilities, a green roof, bike storage and shared amenities.

https://inhabitat.com/leed-platinum-pineminor-apartments-mix-work-living-in-downtown-seattle/



This complex was constructed with large windows and a net zero carbon footprint.

https://inhabitat.com/seattles-stream-belmont-apartment-complex-is-the-latest-in-upscalesustainable-living/

Green roof can enhance a building's energy productivity while providing recreational gathering space

https://www.pinterest.co.uk/pin/234468724333971198/



Wooden shading device.

http://www.vincenttimber.co.uk/vtproductimages/westernredcedarimages/index.html



## Precedent Images **Climate Adaptation / Resilience**



Yanweizhou Park, China. 100% permeable pavement.

http://www.landezine.com/index.php/2015/03/a-resilient-landscape-yanweizhou-park-in-jinhua-city-byturenscape/



Katwijk underground car park, Holland. Underground parking entrance adapted to resist flooding.



Sherbourne Common, Toronto. Water drainage system used to provide recreational water play spaces.



https://www.archdaily.com/449590/sherbourne-common-pfs-studio



Greenrock Industrial park, Nanaimo, BC. Neighbourhood swale.



http://greenrockindustrial.ca/content/Environmental-Initiatives/Using-Less-Water

https://www.dezeen.com/2016/07/05/underground-car-park-royal-haskoningdhv-parkingamersfoort-south-holland/

Mount Tabor Middle School, Oregon. Rain Garden that reduces rainwater surface run-off.

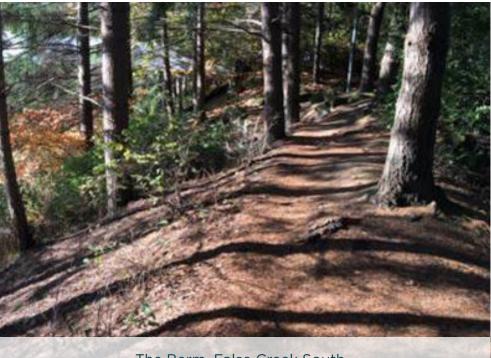
https://www.portlandoregon.gov/bes/52708

http://www.svrdesign.com/21st-street-paso-robles-ca/



Precedent Images Ecology





The Berm, False Creek South.



COV



Beaver dam, Southeast False Creek

https://www.theglobeandmail.com/news/british-columbia/vancouvers-urban-beaver-plan-focuses-on-enhancing-habitats/article28530523/



Urban Coyote, False Creek South





http://www.cbc.ca/news/canada/british-columbia/ubc-s-carter-the-coyote-has-own-twitter-instagram-facebook-1.2859142

http://www.vancouverisawesome.com/2015/11/02/olympic-village-beaver-vancouver/

http://www.falsecreeksouth.org/2017/02/false-creek-floating-homes-co-op-teams-up-with-conservation-group-to-boost-heering-numbers/