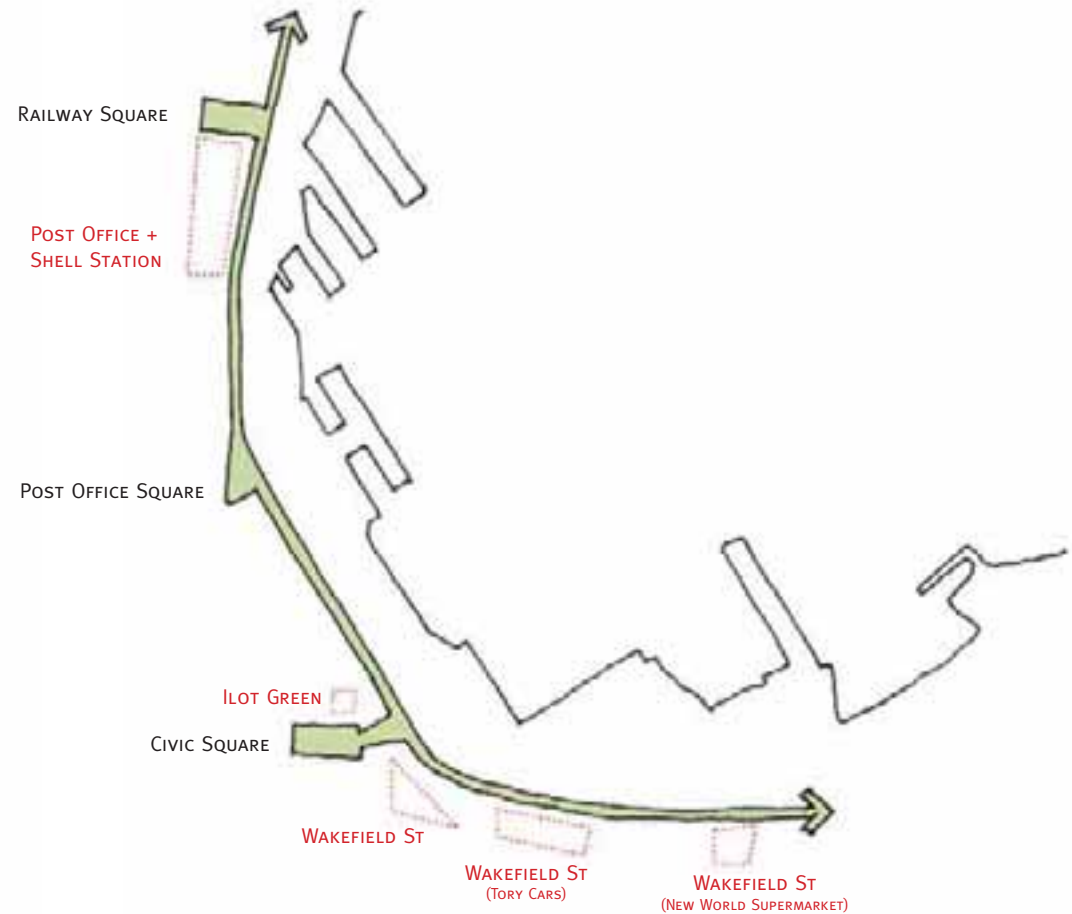


The waterfront area

The waterfront covers a large area stretching from the harbour to the building front along Jervois Quay.

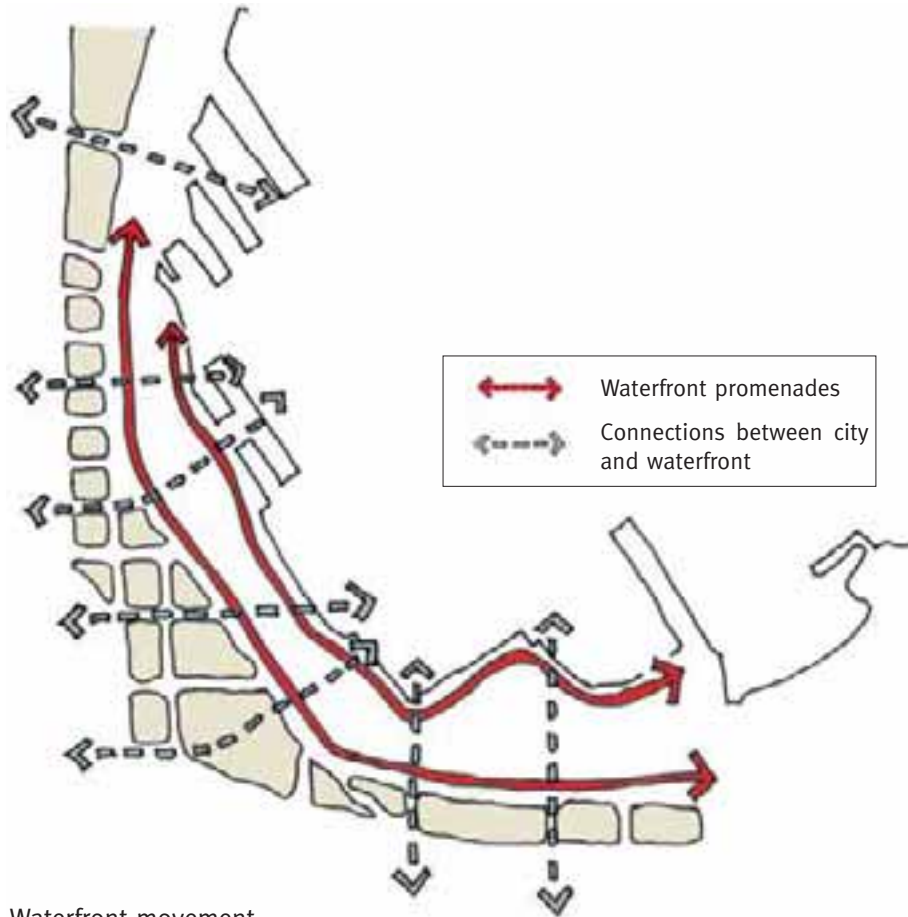
When planning the waterfront the space needs to be comprehended and planned as a spatial and an architectural holistic space stretching from the surface of the water across Jervois Quay to the building facades facing the water/ the edge of the city.



Existing open spaces along the water

The Railway Square, Post Office Square and Civic Square are key urban spaces adjacent to the more open waterfront.

Jervois Quay is an important edge between city and waterfront and the building frontage along this edge needs to be continuous. The red development areas along Jervois Quay (marked on the map) are all suggested to be future building sites for high quality buildings forming a continuous building frontage towards the harbour.



Waterfront movement

Two parallel walking routes are running along the waterfront. While one is a board walk / a waterfront promenade, the other is a city boulevard with the intensity and functions a city has to offer. An upgrade of Jervis Quay is therefore essential in order to make the waterfront work. The waterfront promenade changes character along the route taking colour from the various kinds of activities and functions located by the water. Perpendicular to the water are the connection routes /the side streets running between city and water.



Developments at the waterfront

New developments along the waterfront should follow the existing structure of city blocks and streets. Given the large spaces along the water's edge there are plenty of opportunities to introduce dwellings, retail outlets and cultural institutions along the water. The blue squares indicate possible future building sites for building or structures recognizing the unique location and the special scale and detailing required when building by the water.

Different themes can be developed for the various parts of the harbour introducing a cultural precinct, a residential precinct, workshops, water activities etc.

Islands Brygge, Copenhagen. Harbourfront park.



Bathing and swimming in the harbour is a reality in Copenhagen where the water is clean and bathing facilities have been offered.



Quiet recreation



Meeting friends for petanque



Active urban recreation / Beach volley

Toronto - a changing scenery



Sequences of parks, recreational opportunities, harbour related activities, residences, restaurants and cultural activities are alternately placed along the very successful harbourfront in Toronto.

Residential harbours



Auckland

A level of intimacy has been achieved at Auckland's new harbourfront where the presence of residents and a multitude of people orientated activities (on and by the water) create a lively and safe environment.



Malmoe, Sweden

A new residential area by the waterfront built on principles of human scale, a variety of types of public space and direct contact with the water, has created a popular residential precinct.



Perth

Town houses built by the water edge are extremely popular in Perth and offer a wonderful setting for restaurants etc.

A people harbour, Granville Island, Vancouver



Granville Island hosts a multitude of activities including educational institutions, work places, residences and cultural institutions.



An active harbour is one of the qualities, interesting to look at and adding extra visitors.



The old harbour sheds have been re-used for new purposes.

Activities by and on the water



Malmoe, Sweden. Direct access to the water by ramps or steps give people opportunity to touch the water and perform a multitude of activities on the water.



Donau, Austria
A floating theatre for performances adds extra life to the harbour.



Copenhagen, Denmark. Sand and deck chairs on the harbourfront is all it takes to create an urban beach in the centre of a dense city.

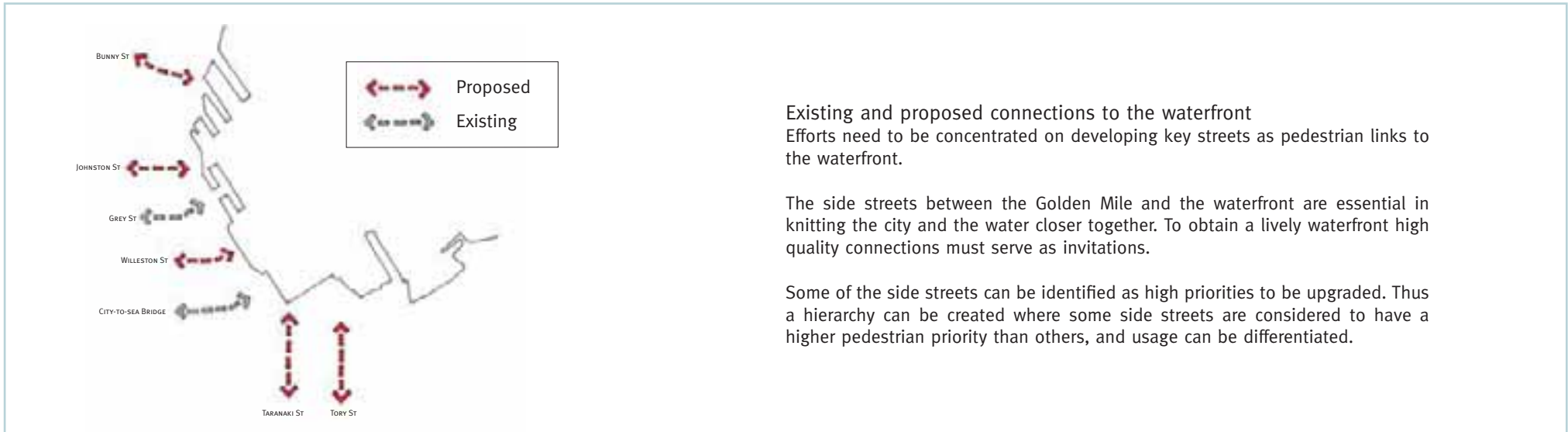
Historical harbour



Buenos Aires, Argentina
Old cranes and industrial harbour structures maintain a strong character and links with history.



Copenhagen, Denmark
Historical ships in the harbour maintain links with earlier days. Harbours around the world depict maritime history along Waterfront routes.



Quality Criteria for waterfront connections



- a) Views, visual connection
 - limited obstacles



- b) Traffic regulations
 - speed limits
 - limited vehicular traffic
 - limited turning options
 - limited on street parking



- c) Walking quality
 - room to walk comfortably
 - level surfaces
 - no obstacles
 - access for all



- d) Prioritised crossings
 - short waiting periods
 - clearly marked crossings
 - short distances to cross
 - footpaths taken across minor side streets



- e) Activities at street level
 - prioritise shops at ground level
 - avoid first floor shops
 - encourage outdoor cafes
 - restrict service areas



- f) Ground floor frontages
 - small units at ground floor
 - a diversity of functions
 - no closed or passive units
 - transparent frontages
 - high quality of materials and detailed design



- g) Design quality
 - design the street as a whole
 - provide good quality lighting
 - use consistent street furniture
 - provide good quality paving

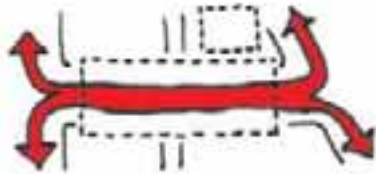


- h) Resting options
 - opportunities for public seating
 - encourage outdoor cafes

Potential for development - Willeston Street



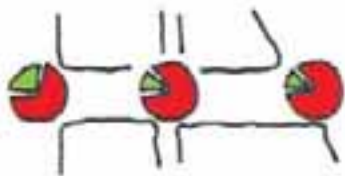
a) Views along Willeston Street to the waterfront and the hills.



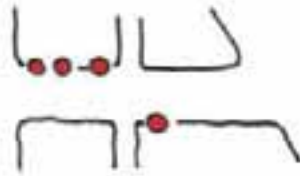
b) Minimal vehicle flow (2408 vehicles per 24 hrs)
Large parking structure at the water.



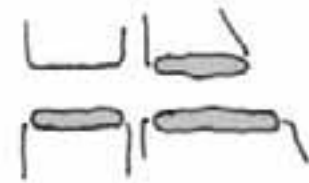
c) Walking quality is low due to lack of interesting facades and the presence of a tall building causing wind problems at street level.



d) Low pedestrian priority at eastern crossings where lights are green app. 10% of a red /green period.



e) Activities are few and scattered.



f) Ground floor frontages are dominated by large units presenting closed facades towards the street.



g) Design quality is low. Paving is a mix with limited high quality street furniture.

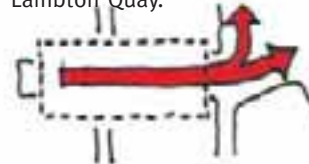


h) Resting options are only offered on a private raised level away from the street.

High quality link - Grey Street



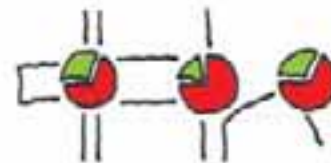
a) Views are crooked along Grey Street because of the curved street layout. A new sculpture in Post Office Square will be visible from Lambton Quay.



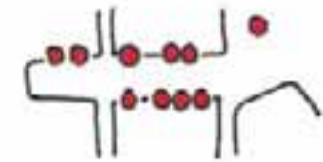
b) Moderate vehicle flow (8770 vehicles per 24 hrs)
Dominating on-street parking at Lambton Quay end.



c) Walking quality is much improved due to expanded footpaths and an even surfaced paving.



d) Medium pedestrian priority at crossings where lights are green app. 30% of a red /green period.



e) Functions are plenty in Grey Street where outdoor cafes have settled down beside kiosks and a high quality hotel.



f) Ground floor frontages are generally transparent and interesting to walk by in the eastern part of Grey Street.



g) Design quality has been raised through the development of a consistent design profile for all of Grey Street.



h) Resting options are offered on public benches at the beginning and end of Grey Street while outdoor cafes have opened in the middle part of the