

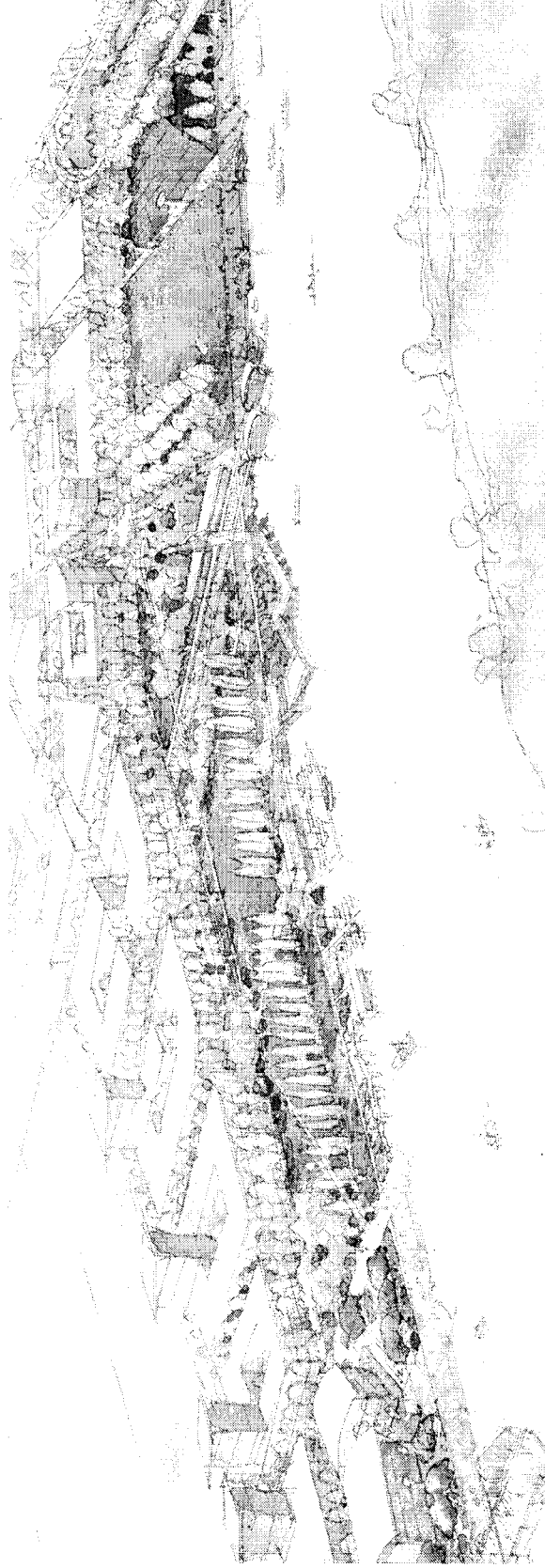
SCHEDULE B TO THE MINUTES OF
THE PARKS, RECREATION &
CULTURAL SERVICES MEETING OF
TUESDAY, JANUARY 23, 2007.

MIDDLE ARM

OPEN SPACE MASTER PLAN CONCEPT

- *Vision & Implementation Directions*

January 2007



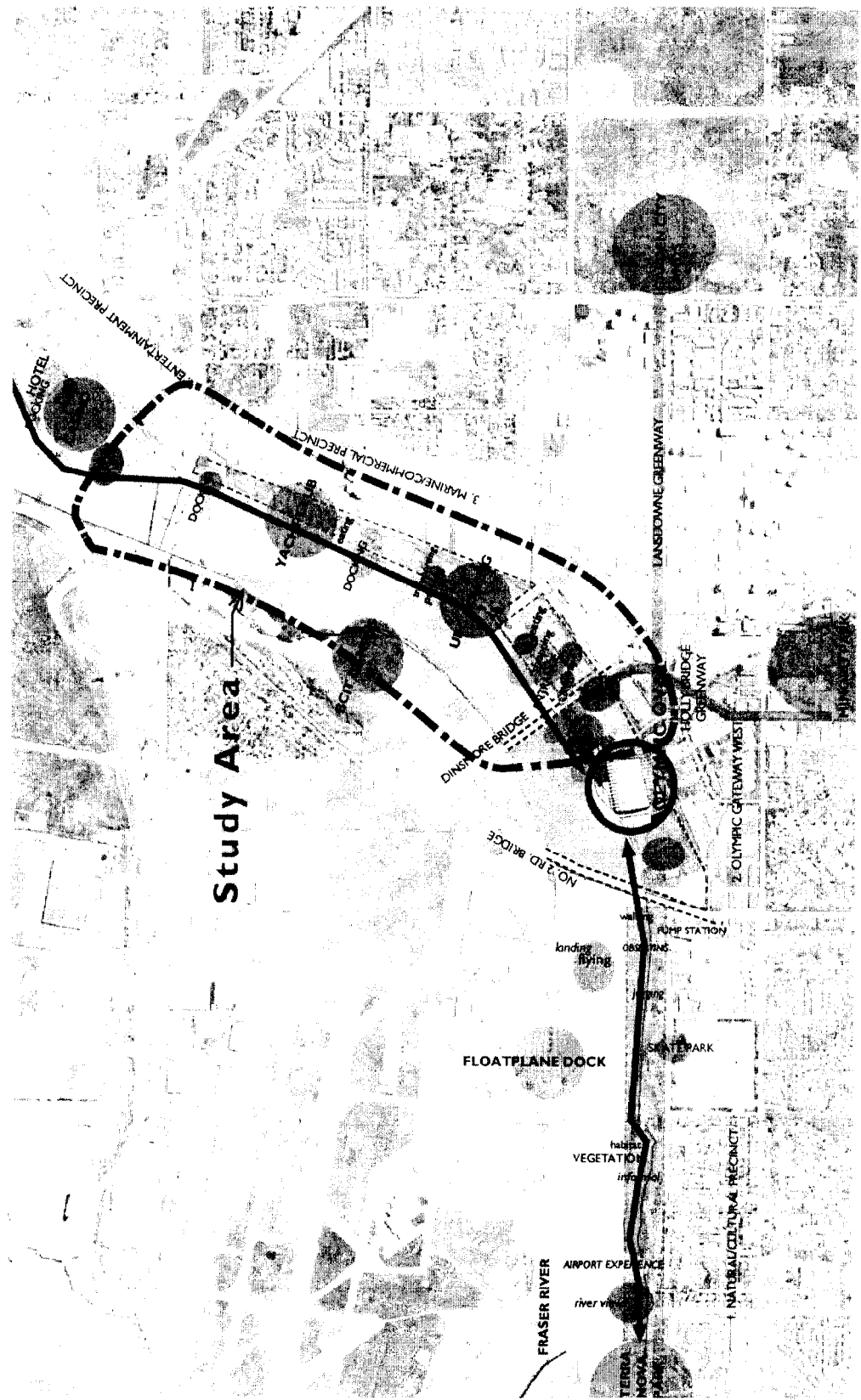
RICHMOND

City of Richmond Parks Department



PHILLIPS · FAREVAAG · SMALLENBERG
PLANNING · URBAN DESIGN · LANDSCAPE ARCHITECTURE

DONWUORIDESIGN



Context

City of Richmond's Waterfront Strategy

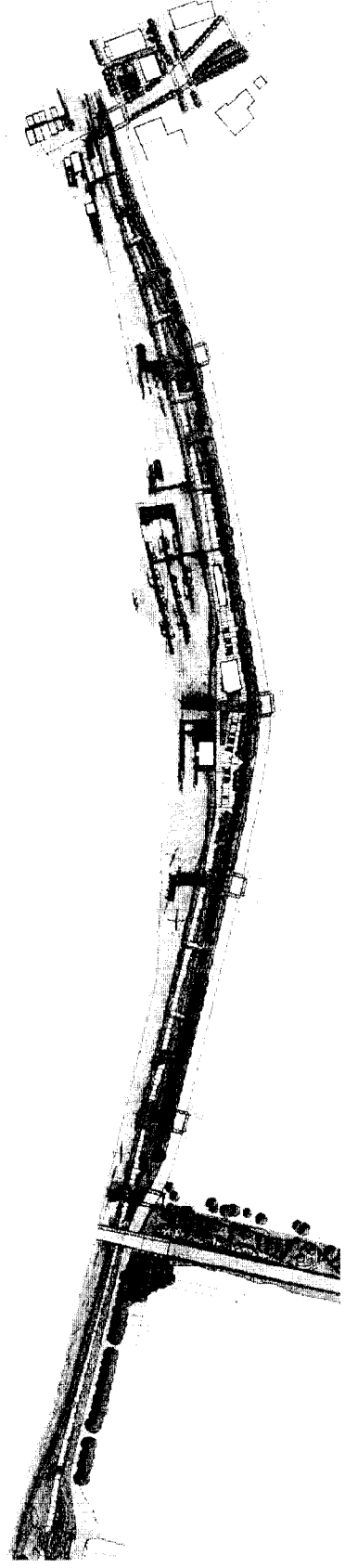
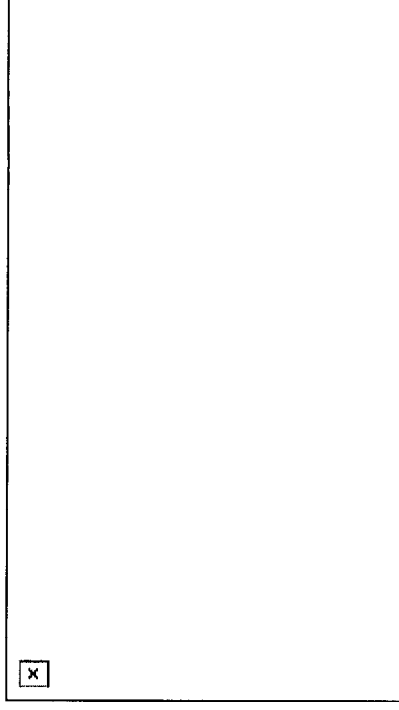
2004 Middle Arm Conceptual Plan

City Centre Area Plan

2010 Richmond Trail Strategy

The Role of Sea Island

Regional Significance



City Centre Area Plan Guiding Principles



Develop a vibrant downtown



Create special development opportunities



Be a Garden City

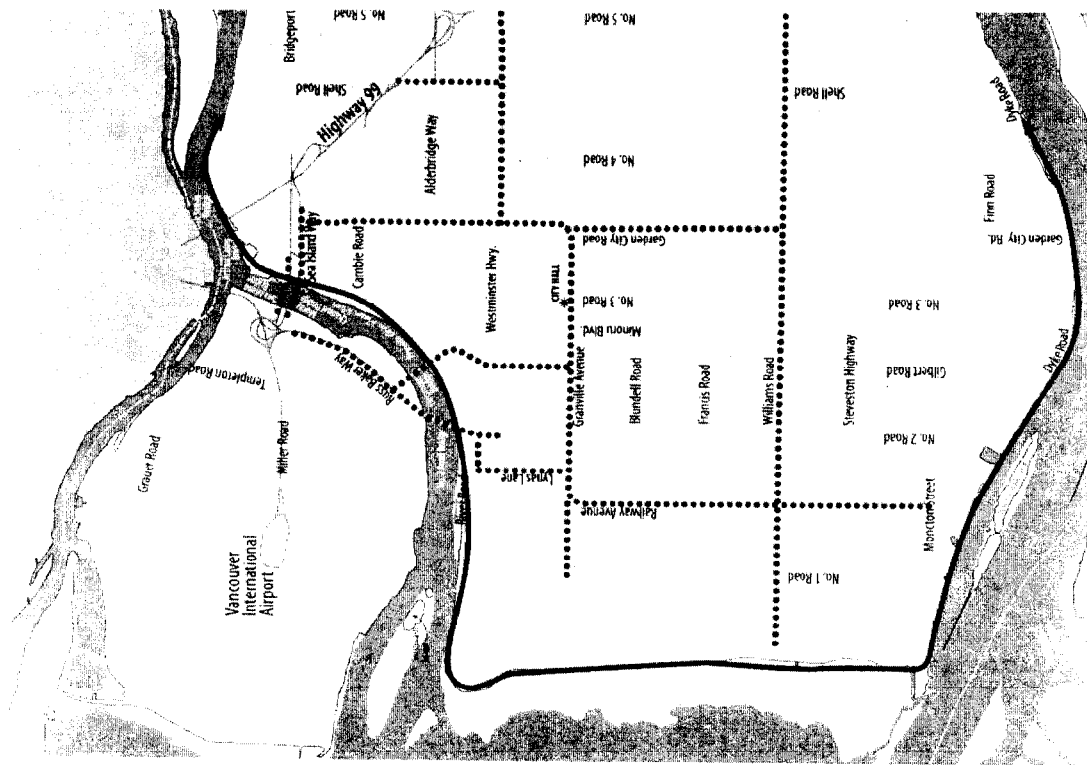


Promote a culture of walking and cycling

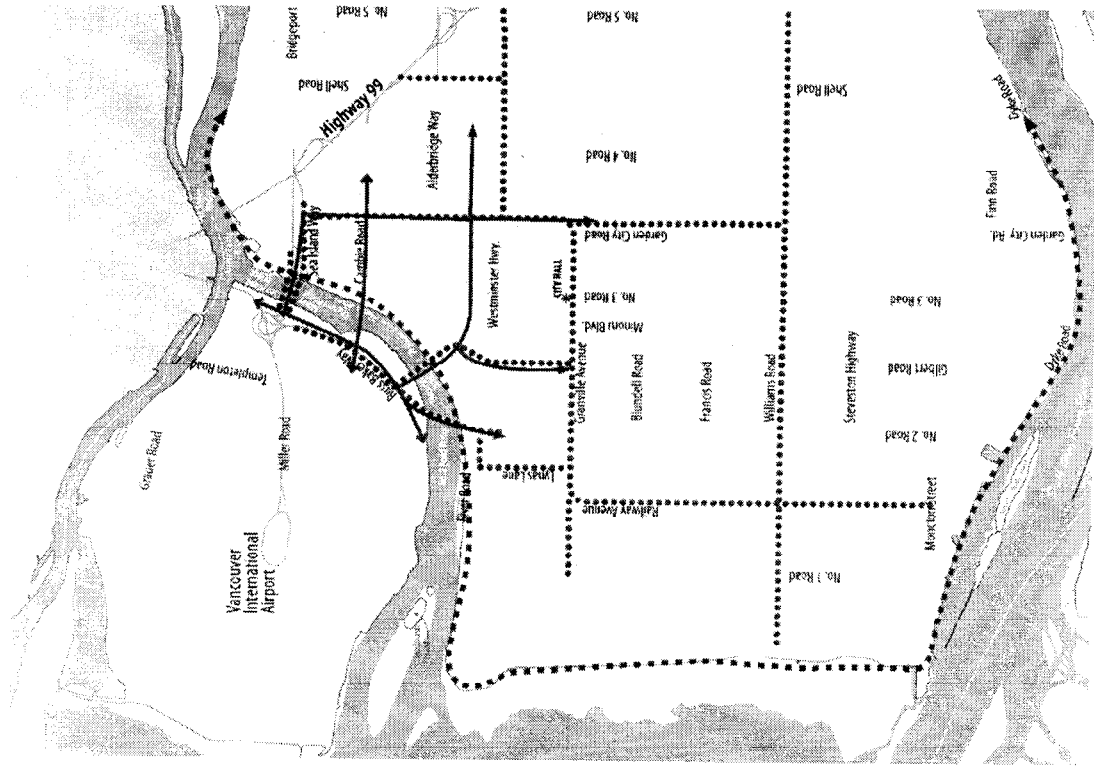


Create a place, not a design

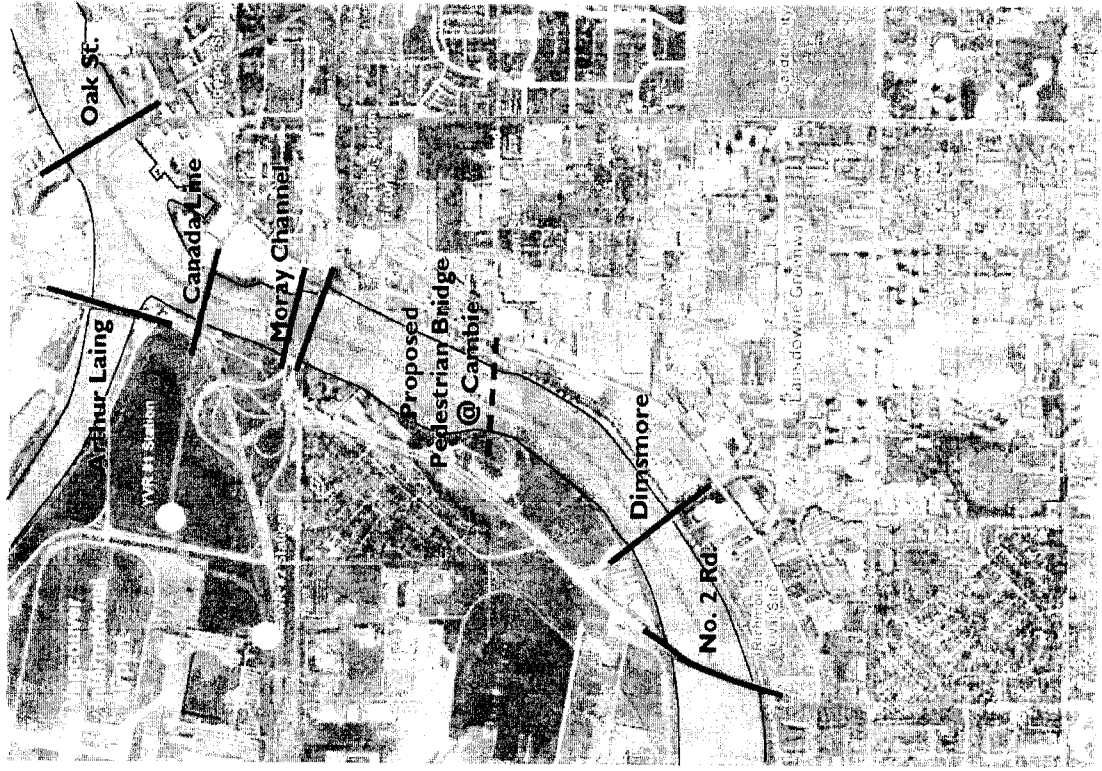
Middle Arm Planning Principles



Middle Arm Planning Principles

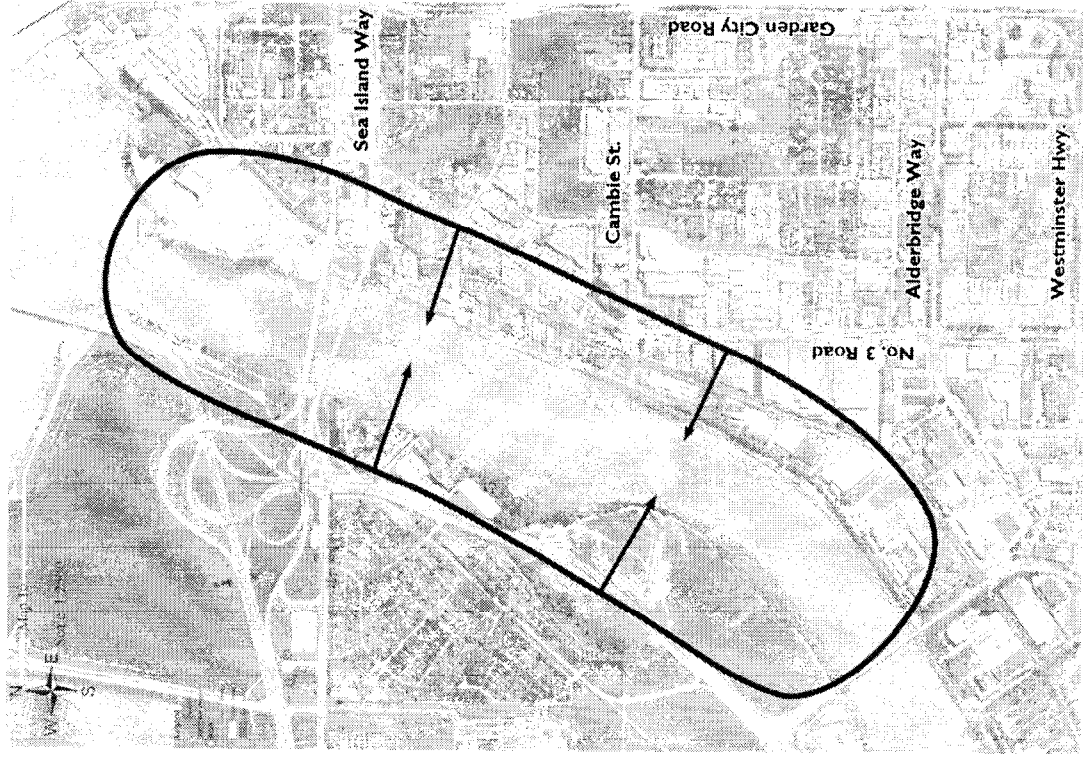


Middle Arm Planning Principles



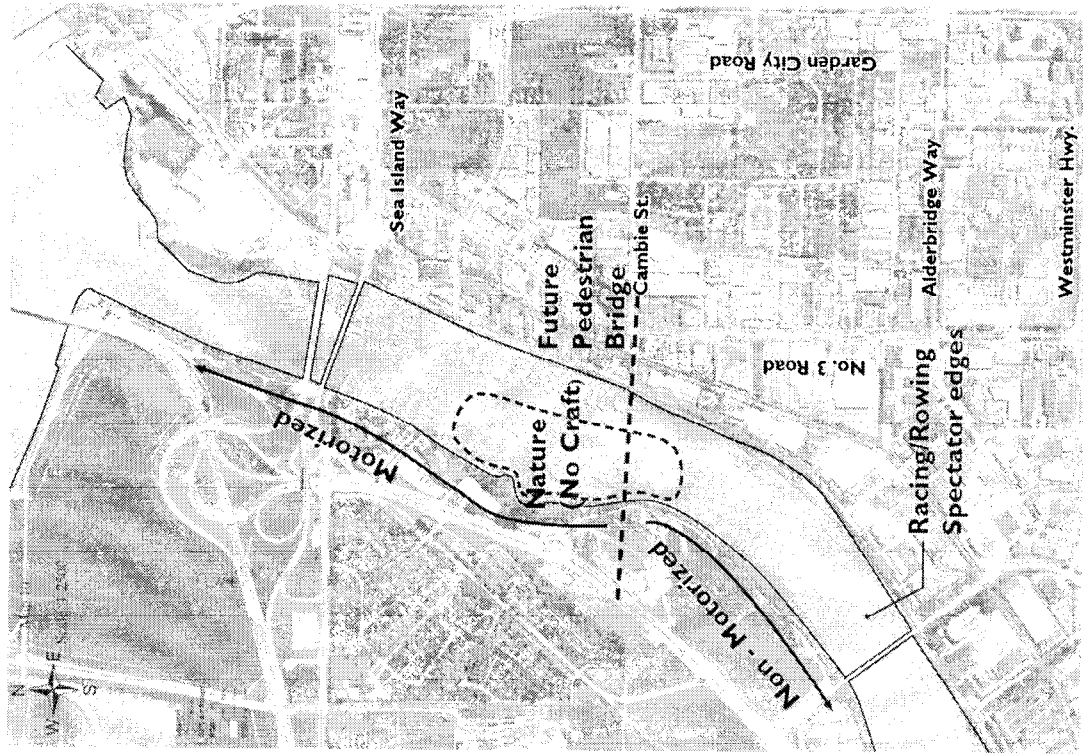
Source: Planning Commission, 2010, as of the Middle Arm

Middle Arm Planning Principles



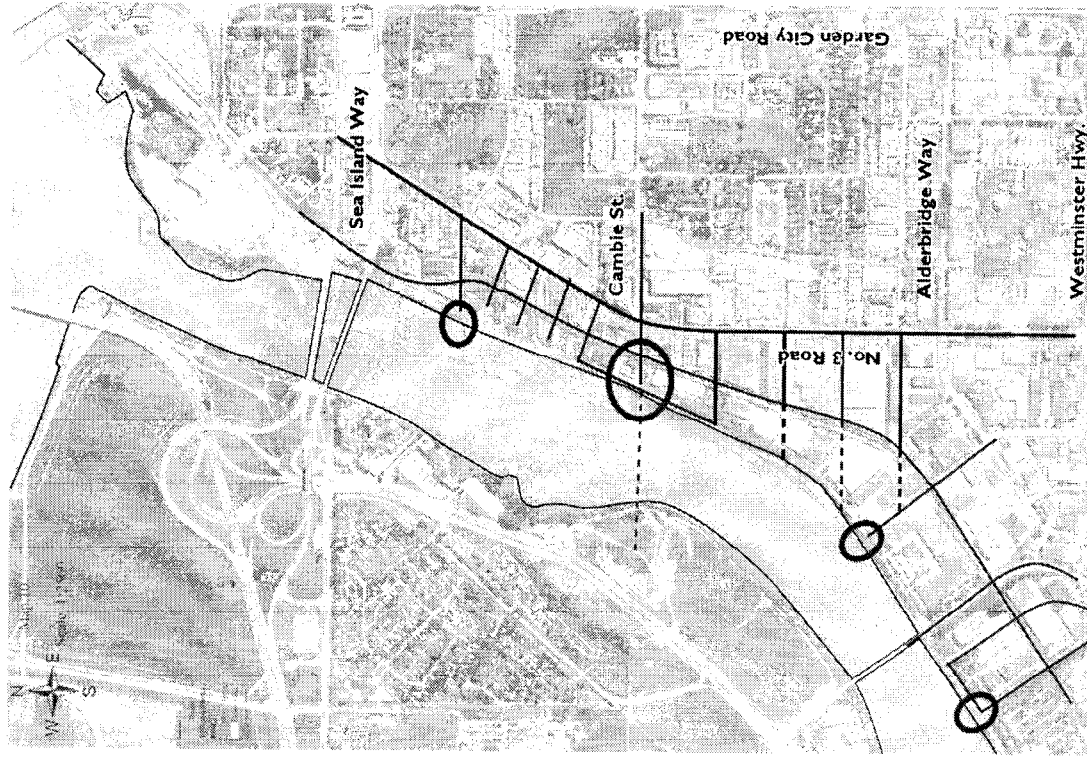
Consider the Context of the Entire Middle Arm

Middle Arm Planning Principles



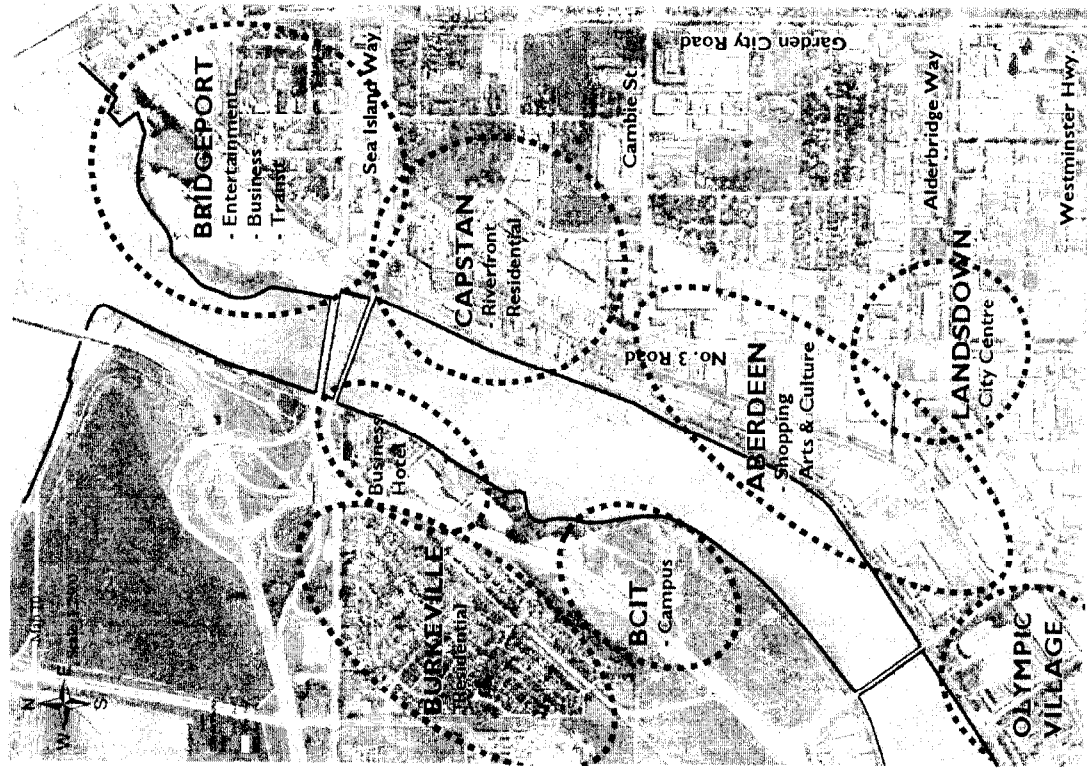
Seattle Water-Budget Project
Middle Arm

Middle Arm Planning Principles



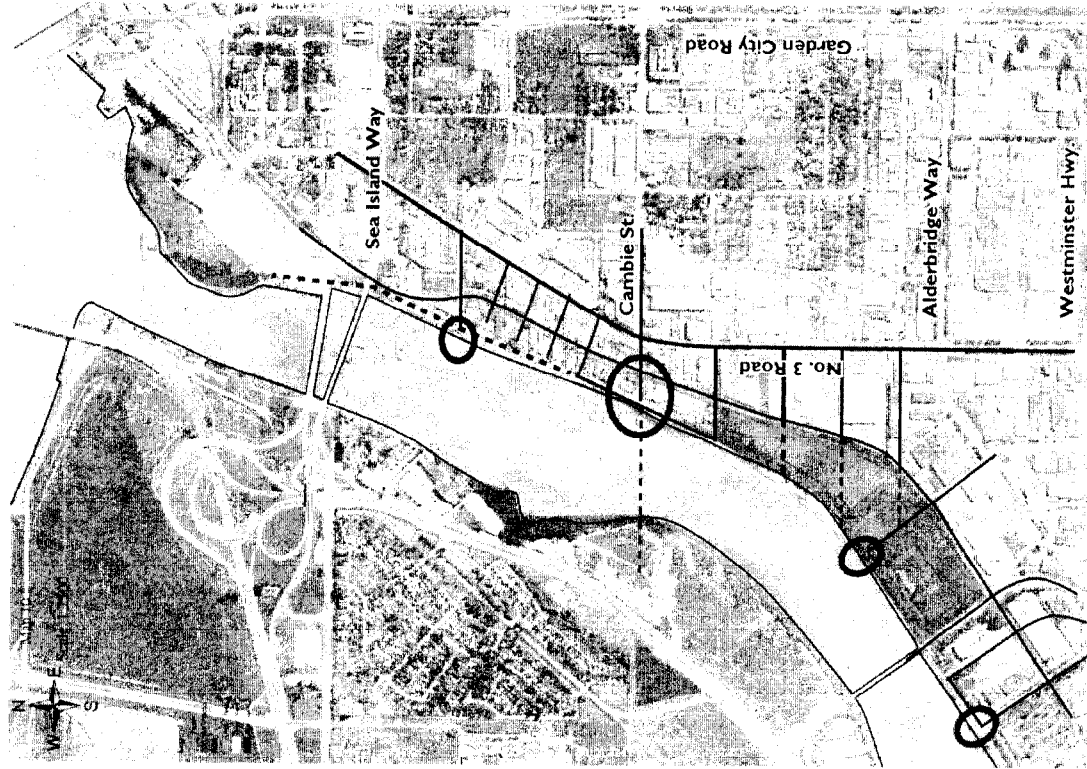
Bring Green to the Waterfront

Middle Arm Planning Principles



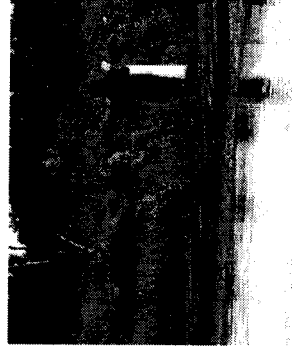
Source: District Real Estate Character Study 2006

Middle Arm Planning Principles



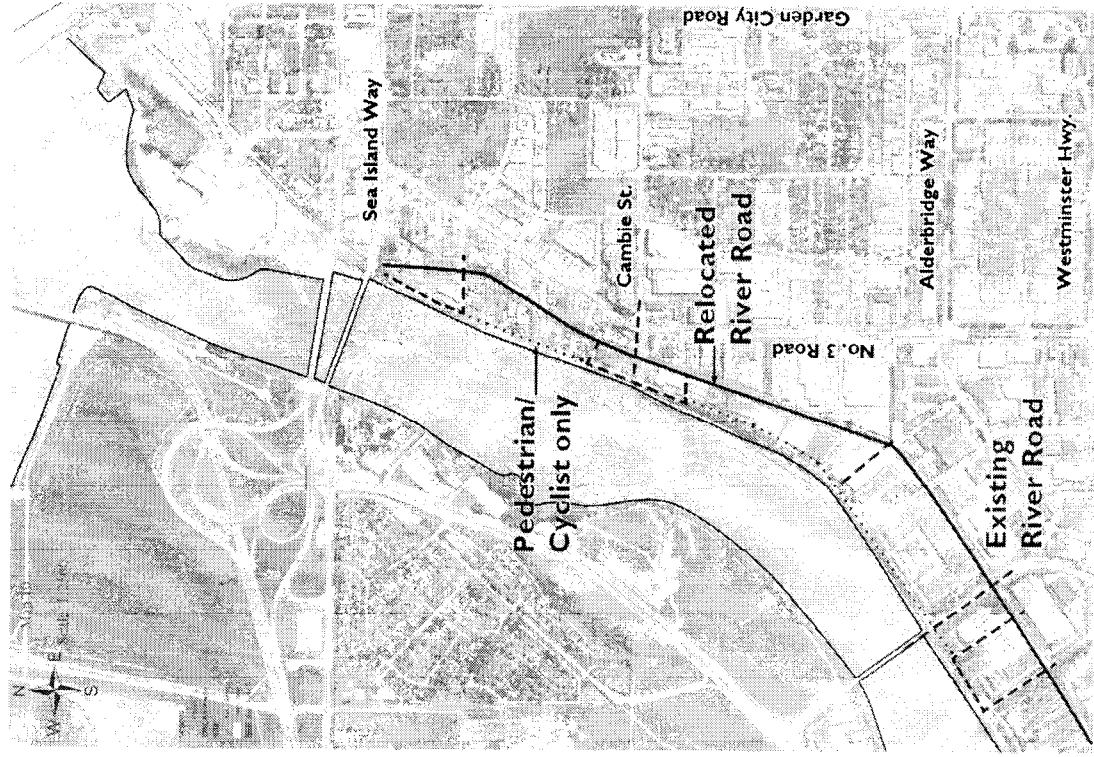
Crowe Group Planners

Middle Arm Planning Principles

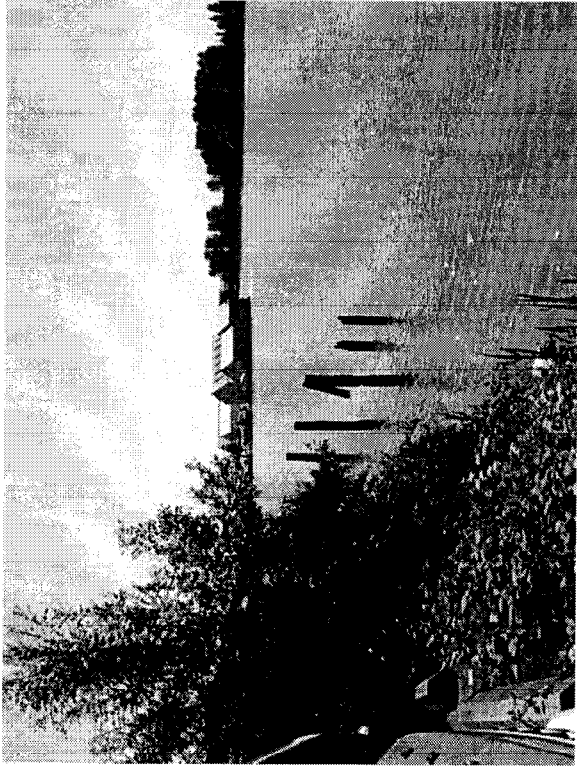


Provide a perspective on the Middle Arm's development.

Middle Arm Planning Principles



Middle Arm Planning Principles



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Middle Arm Planning Principles



- Colour Coding**
- Low Productivity
 - - - Moderate Productivity
 - High Productivity
- Habitat Compensation Sites**
- FREMP Colour Ortho (2002)

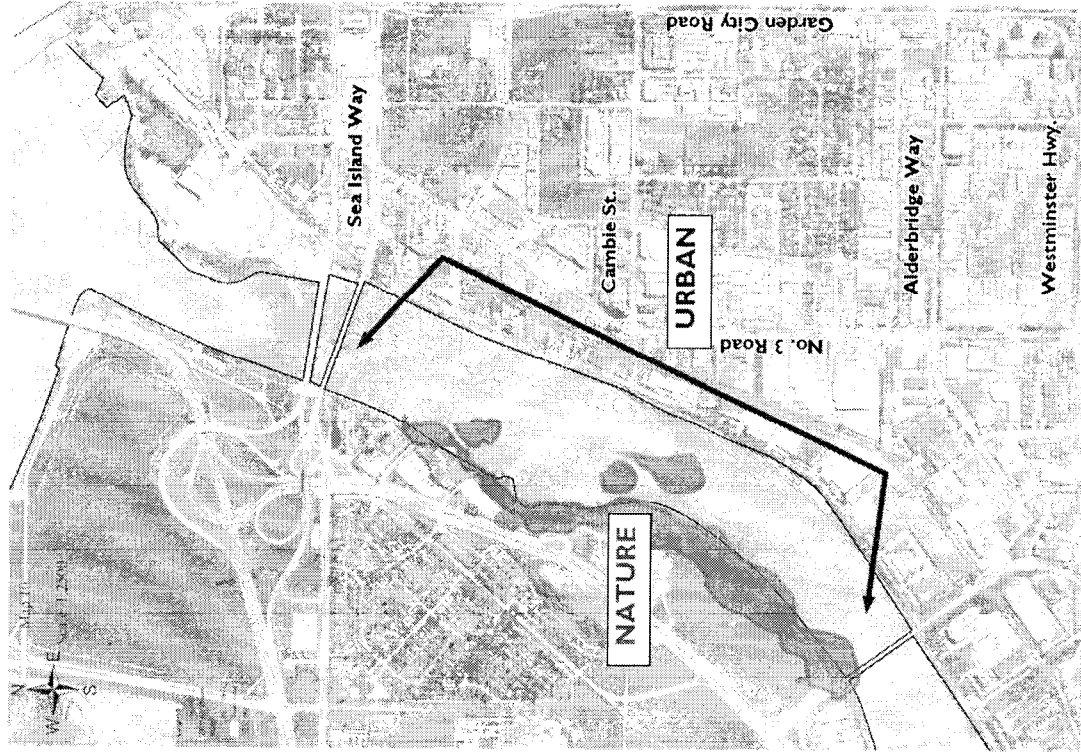
Strategic Framework: Ecology Research
 Through Creative Integration of Open Space
 Planning, Sustainable Urban Development and
 Ecological Design



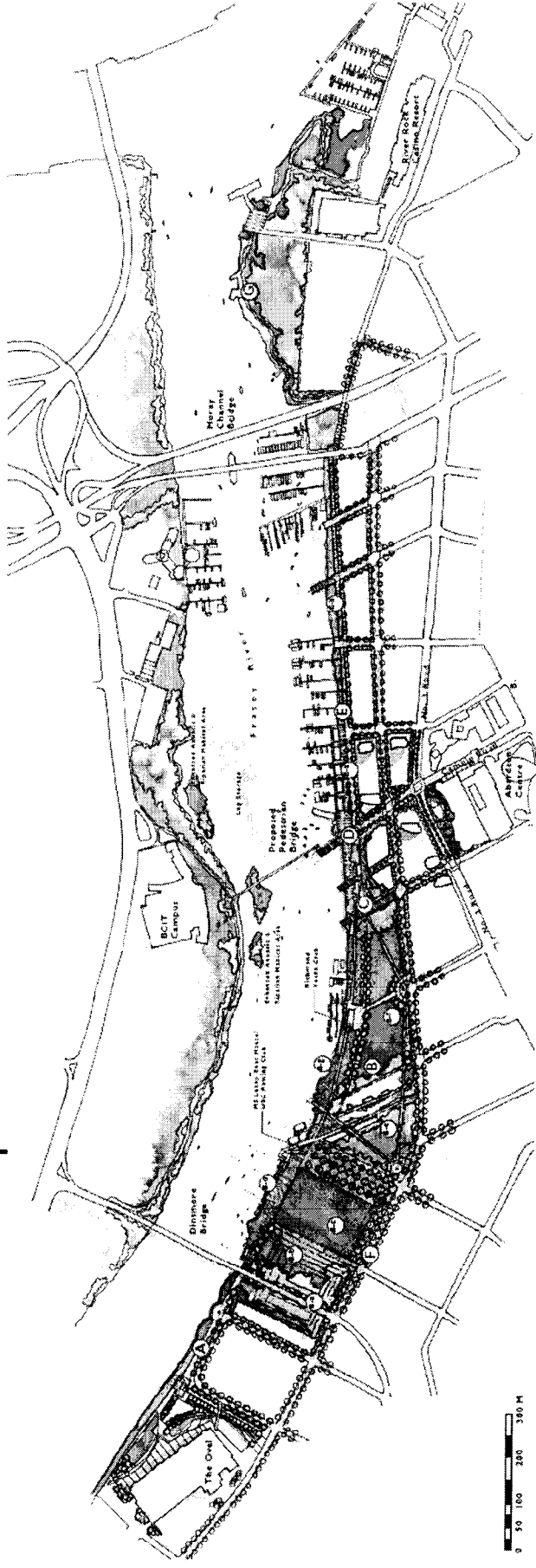
- Habitat Inventory**
- First Order Habitat (Detailed Mapping)
- Riparian
 - Tidal
 - NULL (e.g. water or unvegetated riprap)
- Habitat Compensation Sites**
- FREMP Colour Ortho (2002)

Middle Arm Planning Principles

Take Inventory of Existing and Potential Views

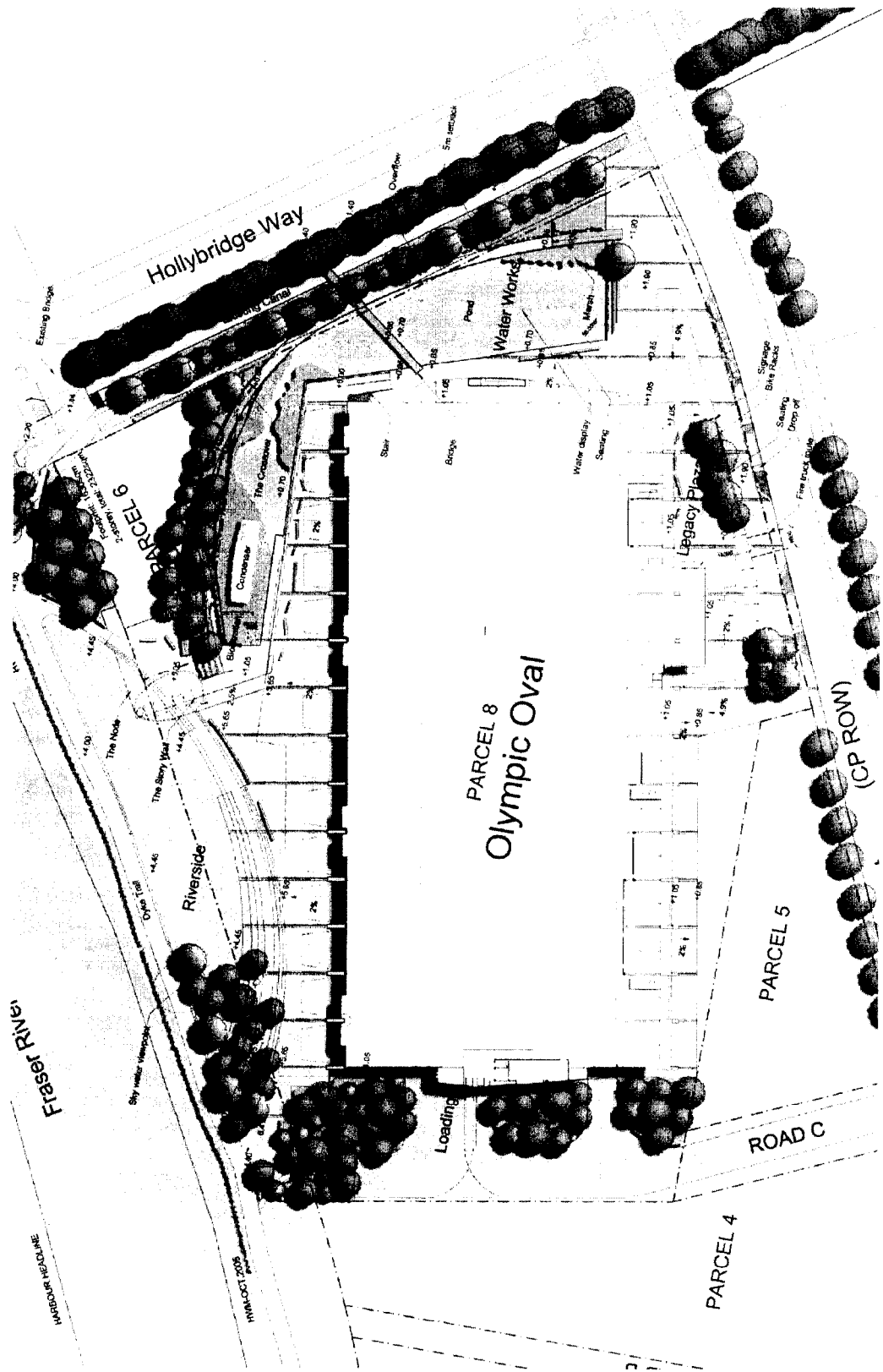


Overall Concept

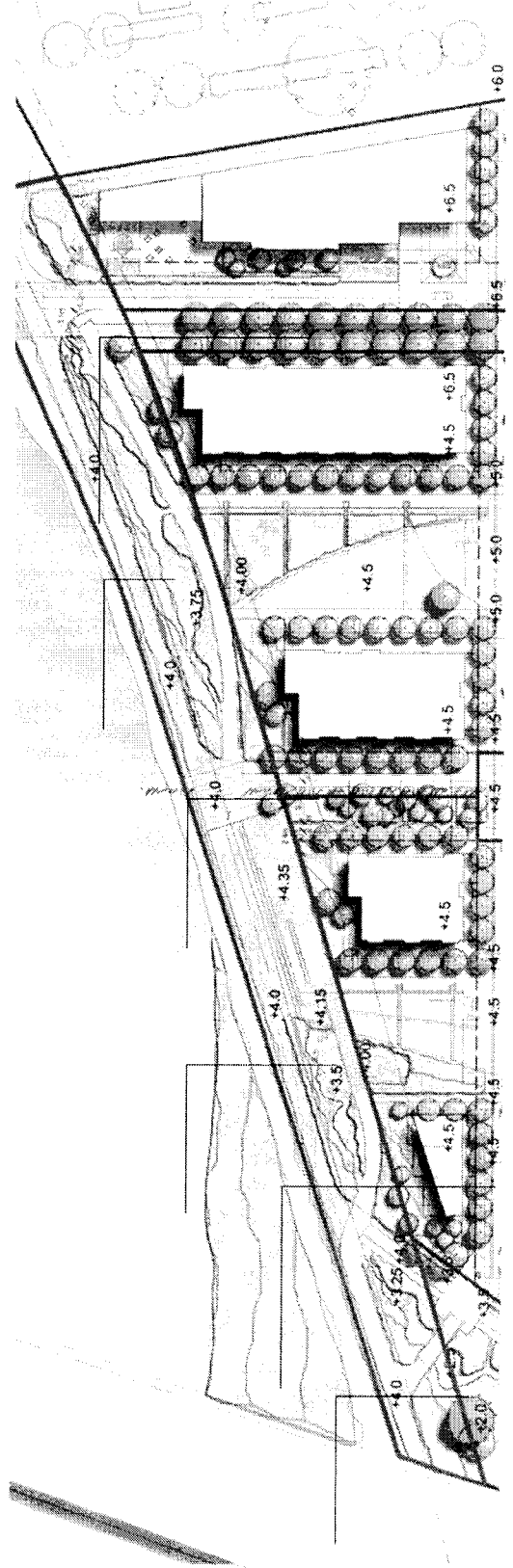


1. Key Open Space for City Centre
2. Key Catalyst for City Centre Redevelopment
3. Series of Great Places
4. Continuous Pedestrian and Cyclist Paths
5. High Quality Pedestrian Link from Cambie to Oval
6. Ecologically Productive Fore-shore
7. Hub of Social, Cultural and Recreational Activities
8. Dyke Improvements

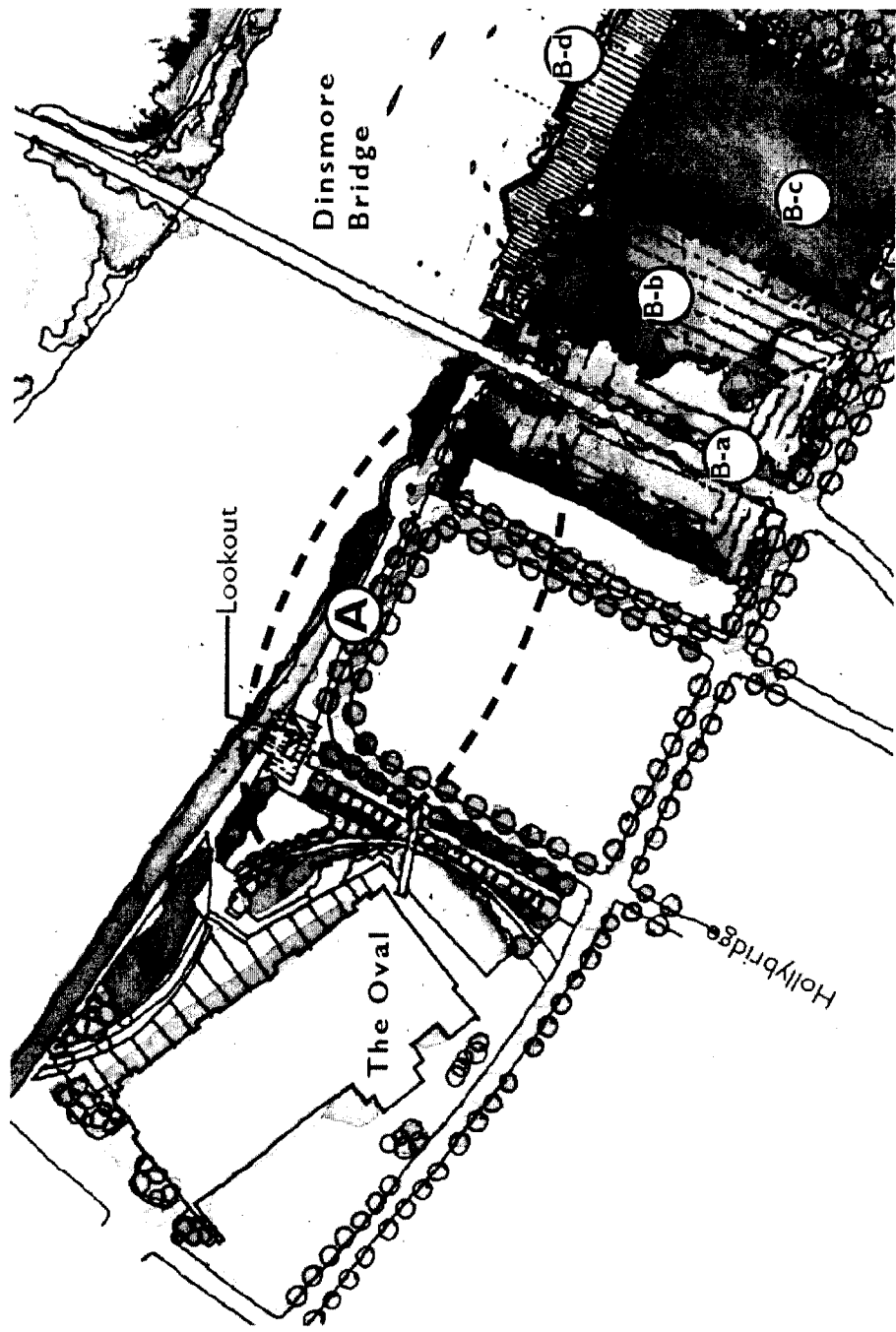
The Oval



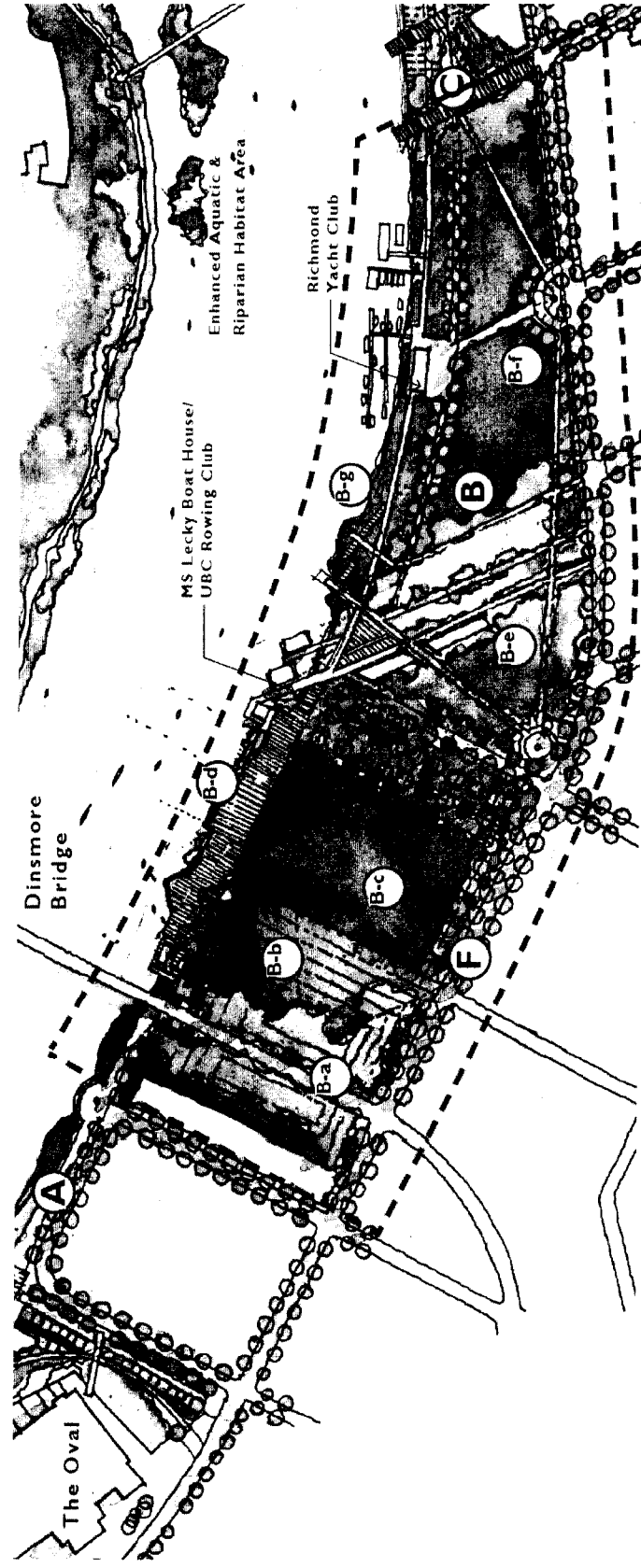
Oval Site West

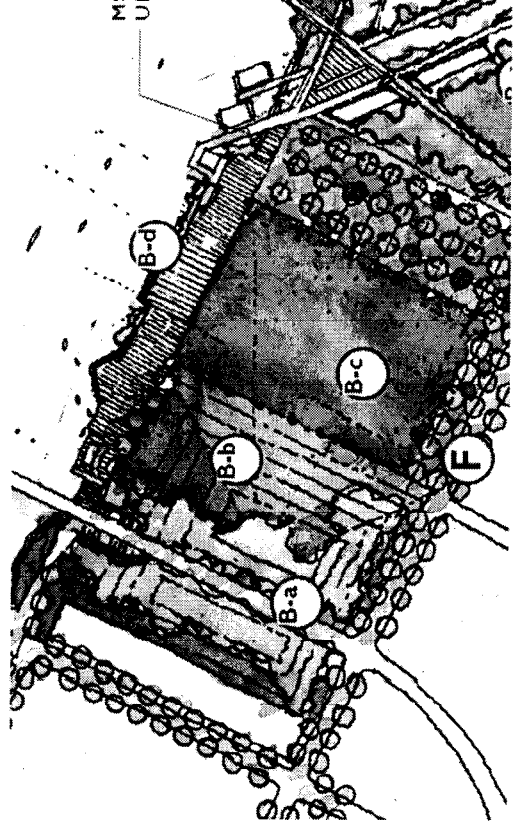
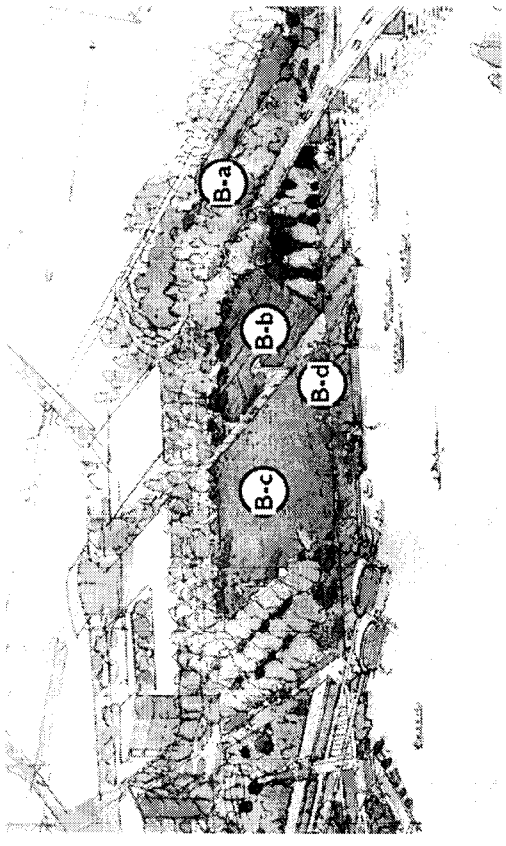


A. International Destination Zone: Oval to Dinsmore Bridge



B. Middle Arm City Park and Boaters' Row





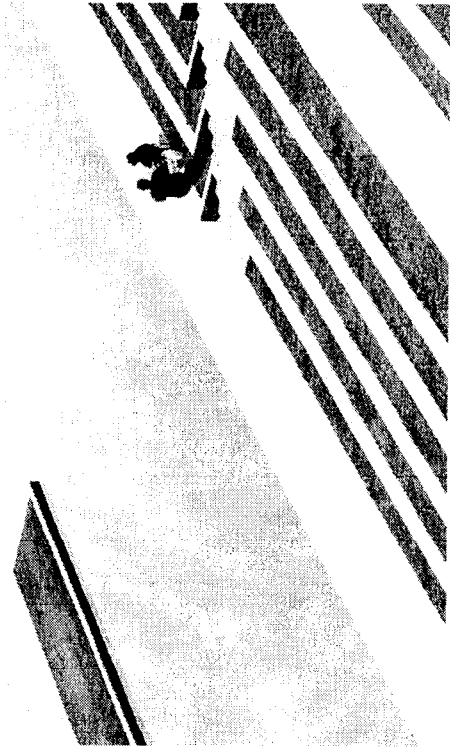
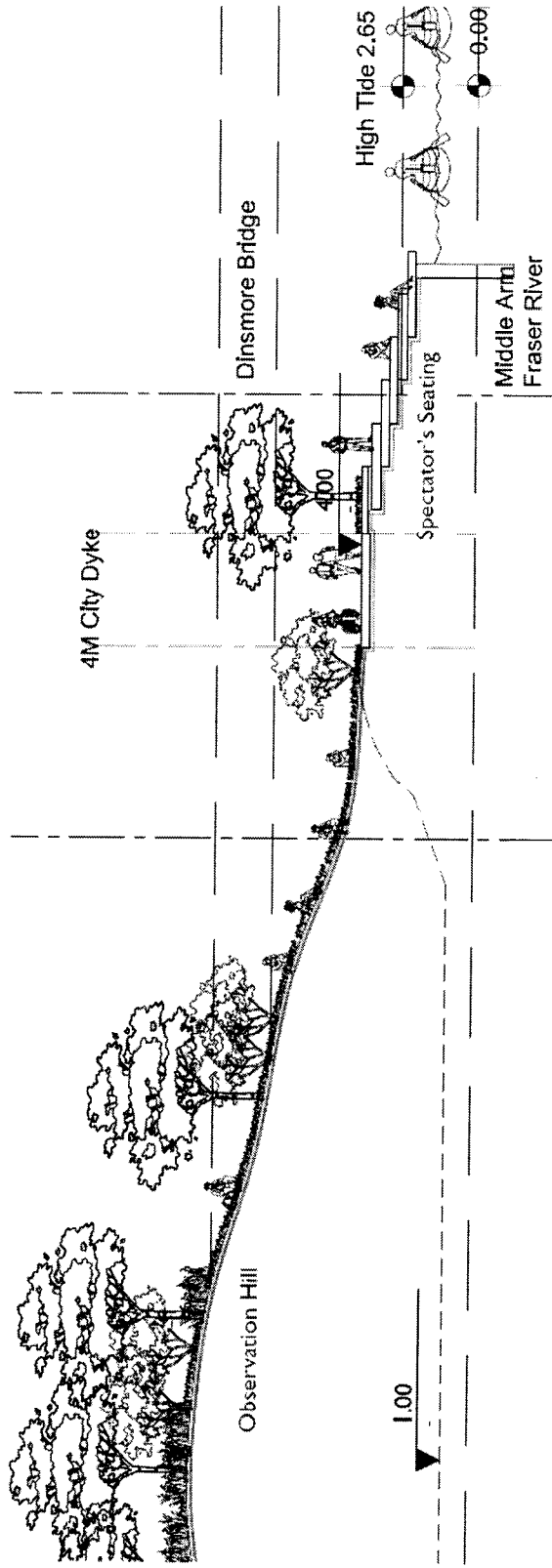
B-a. Green Gateway

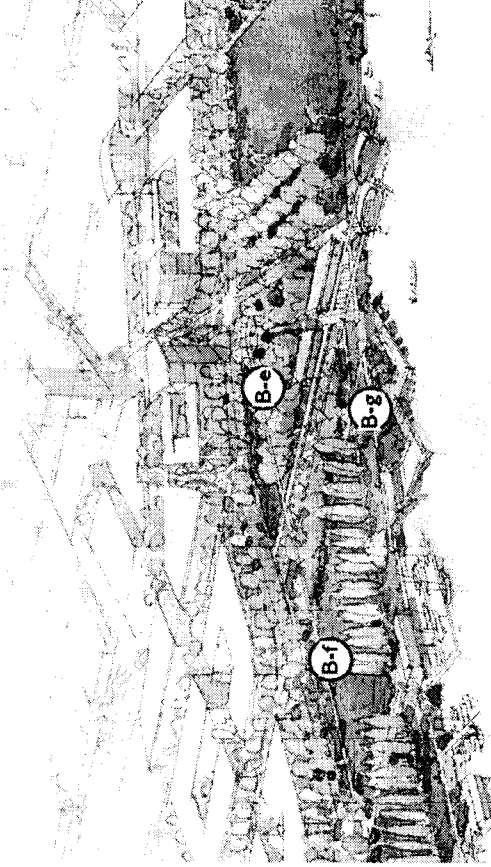
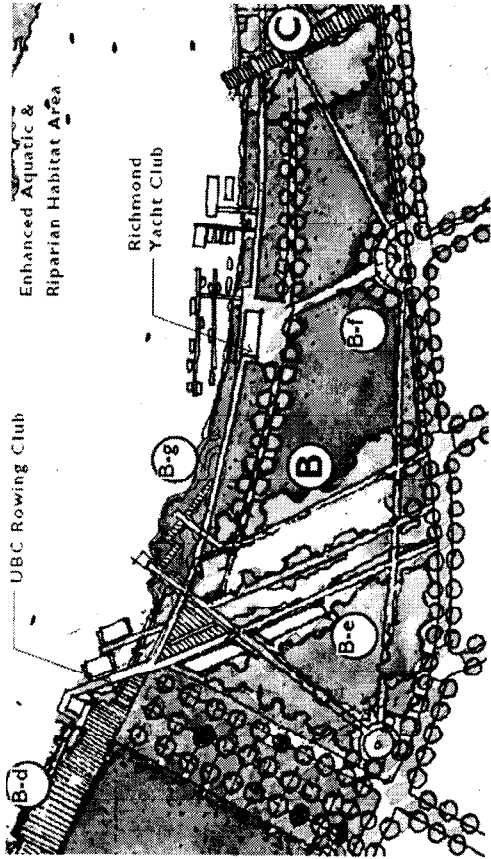
B-b. Observation Hill

B-c. Festival Field

B-d. Spectator's Seating

Spectator's Seating



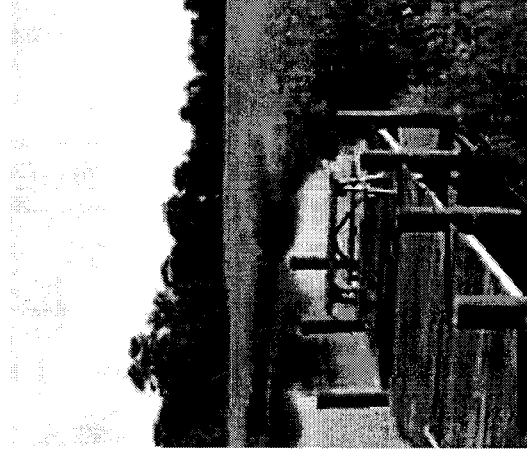
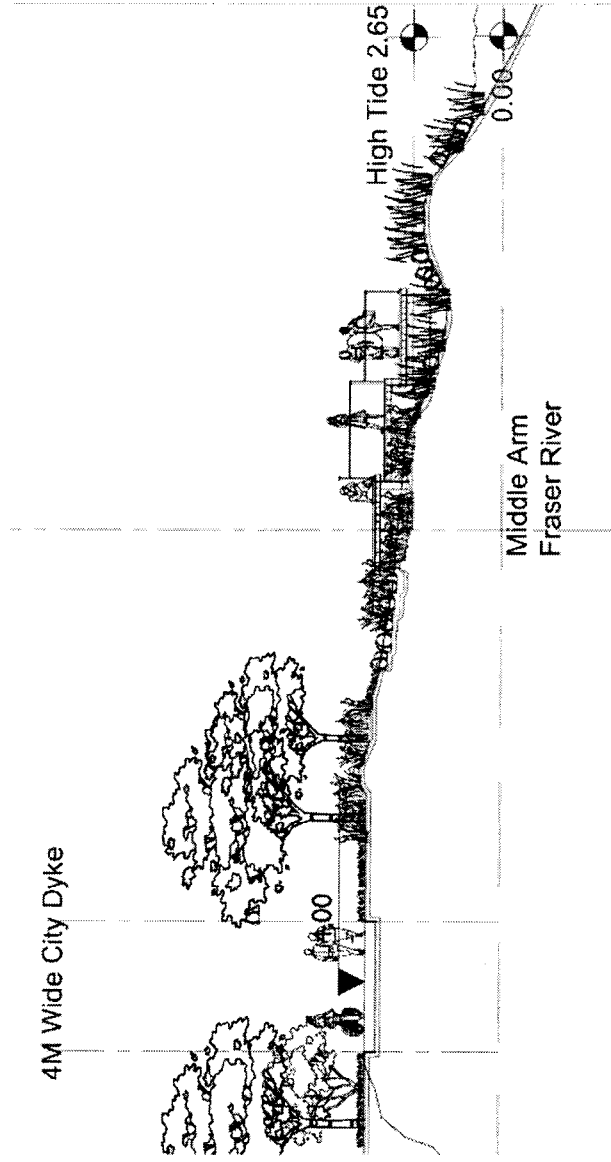


B-e. Wetland / Native Forest / Habitat Area

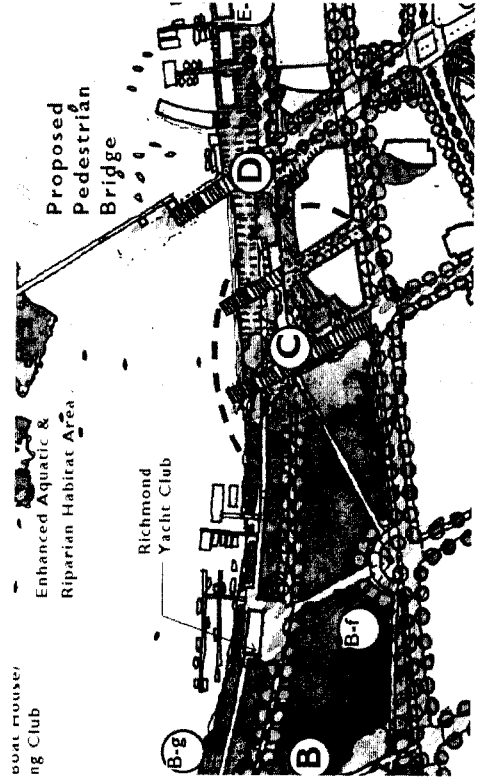
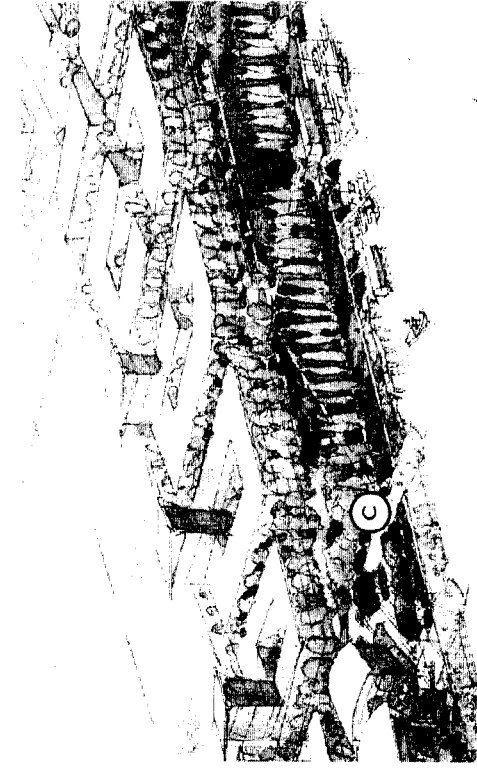
B-f. Open Green Field / Meadow

B-g. Naturalized Riverfront

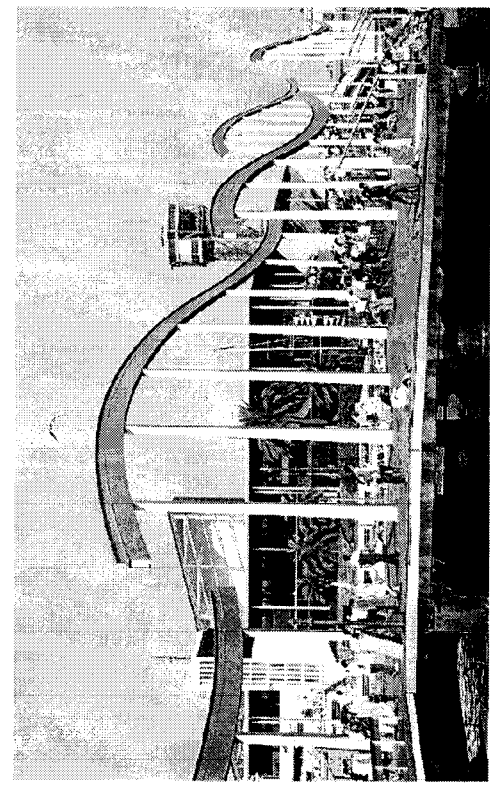
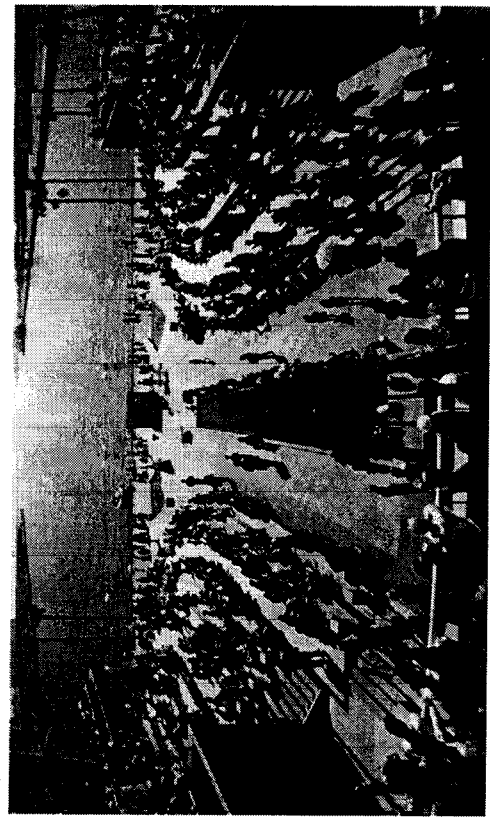
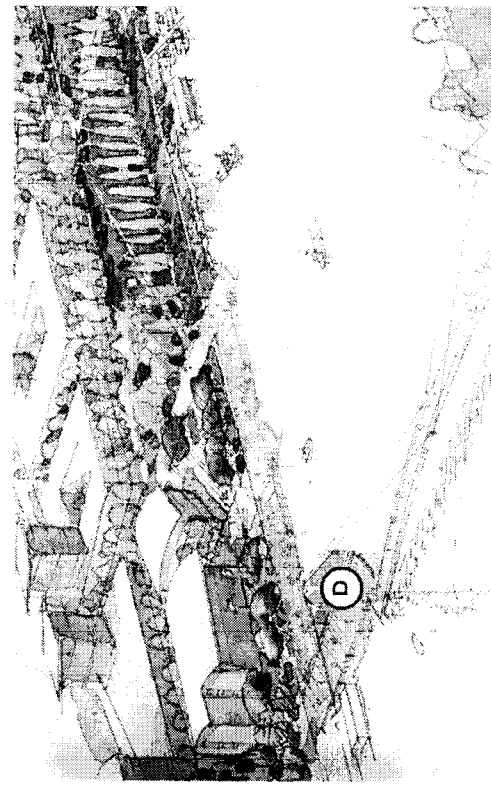
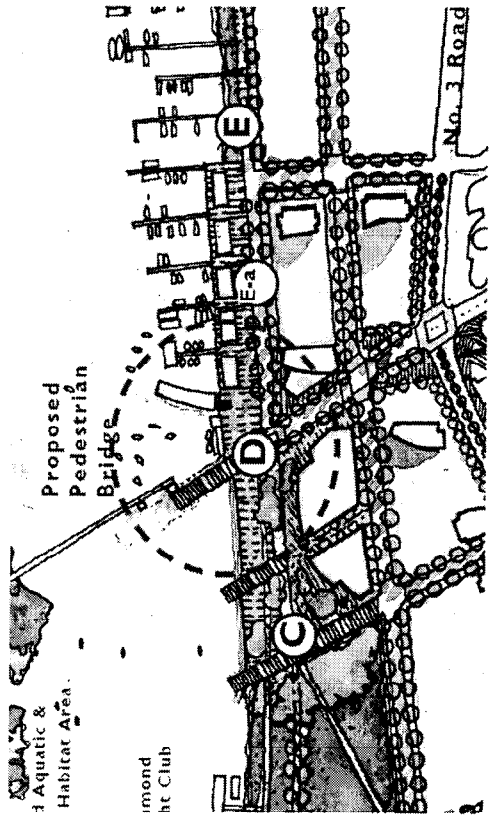
B-g. Naturalized Riverfront



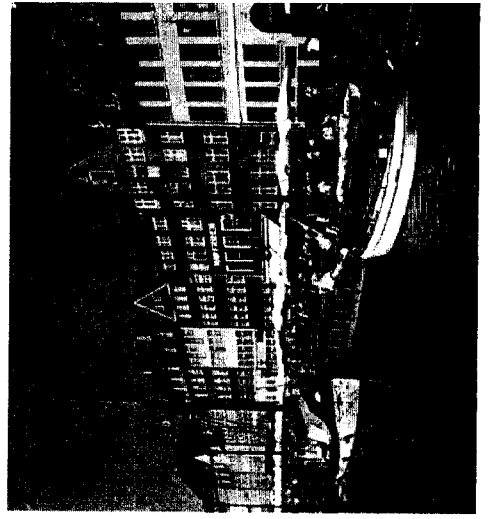
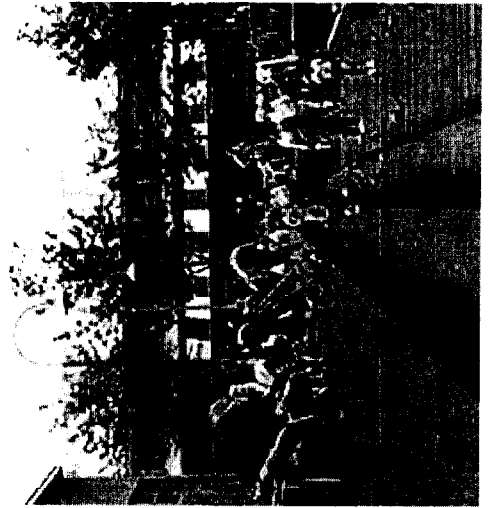
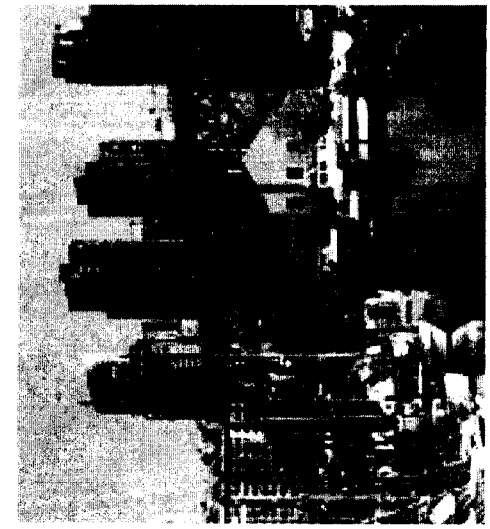
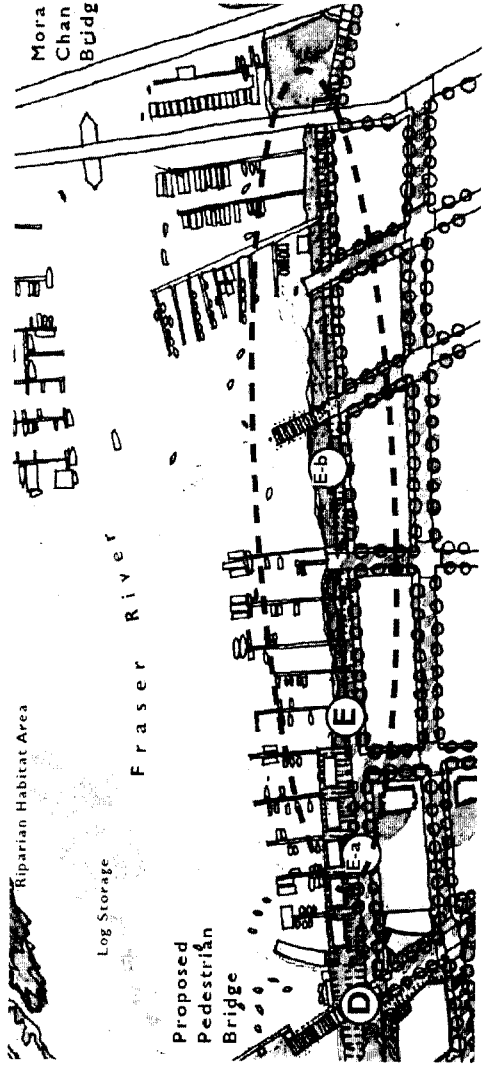
C. Cultural Plaza



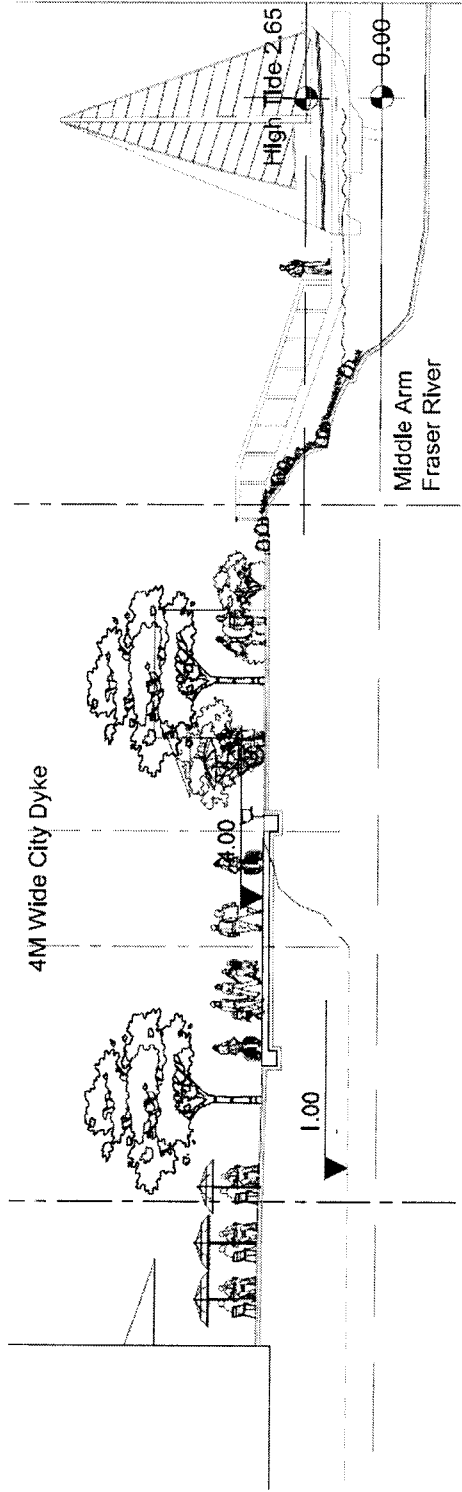
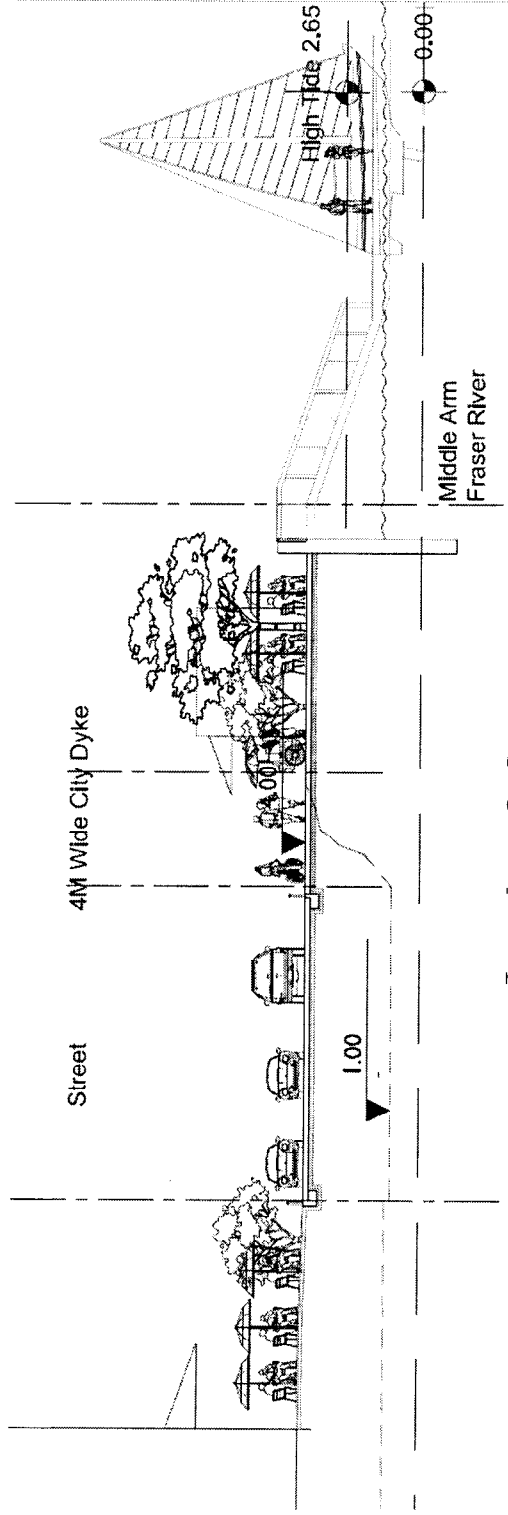
D. Aberdeen Village Square & Pedestrian Bridge



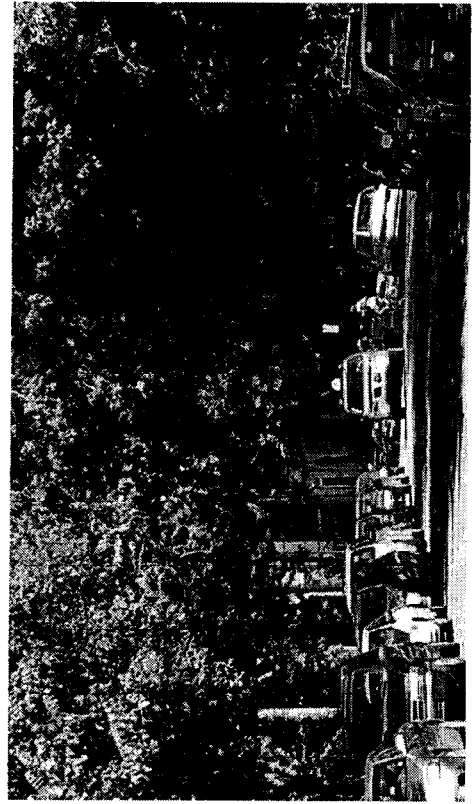
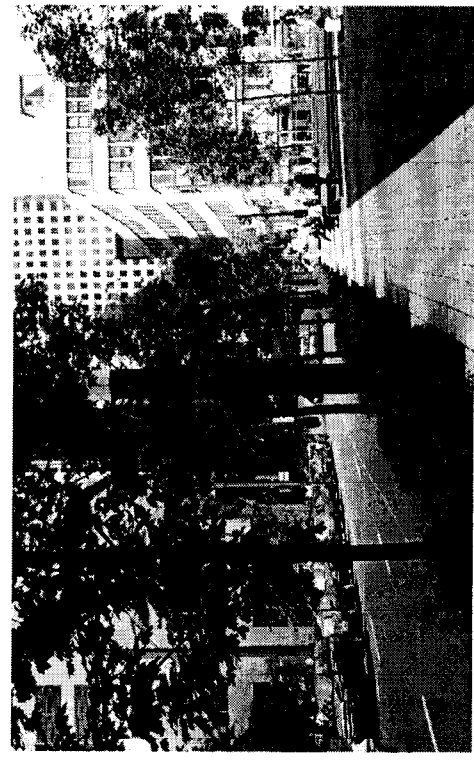
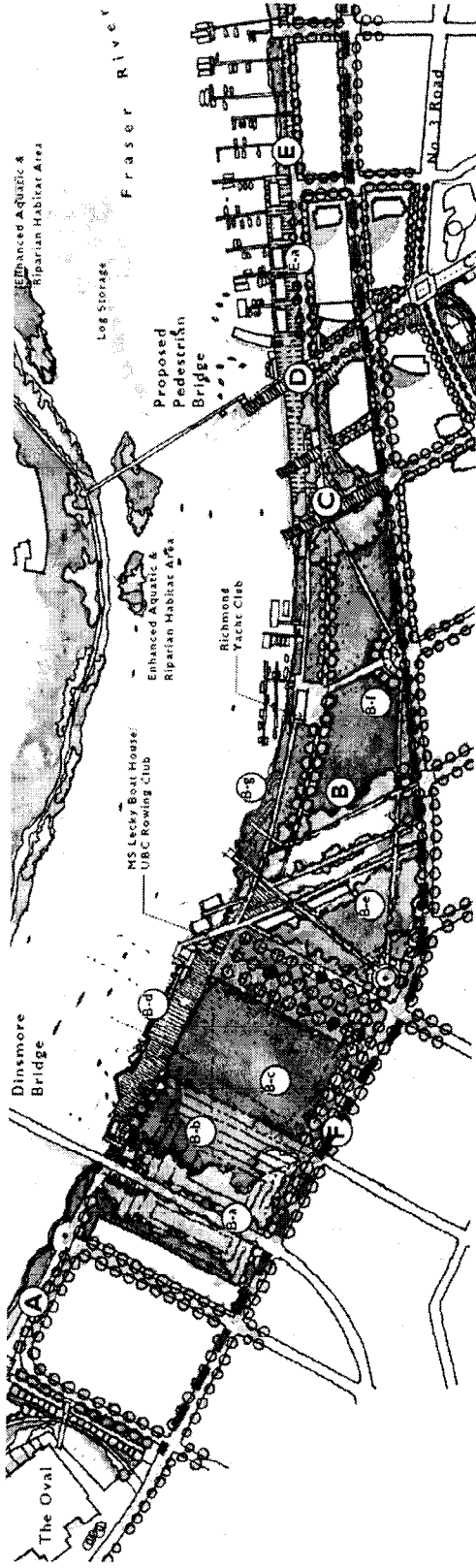
E. Maritime Mews



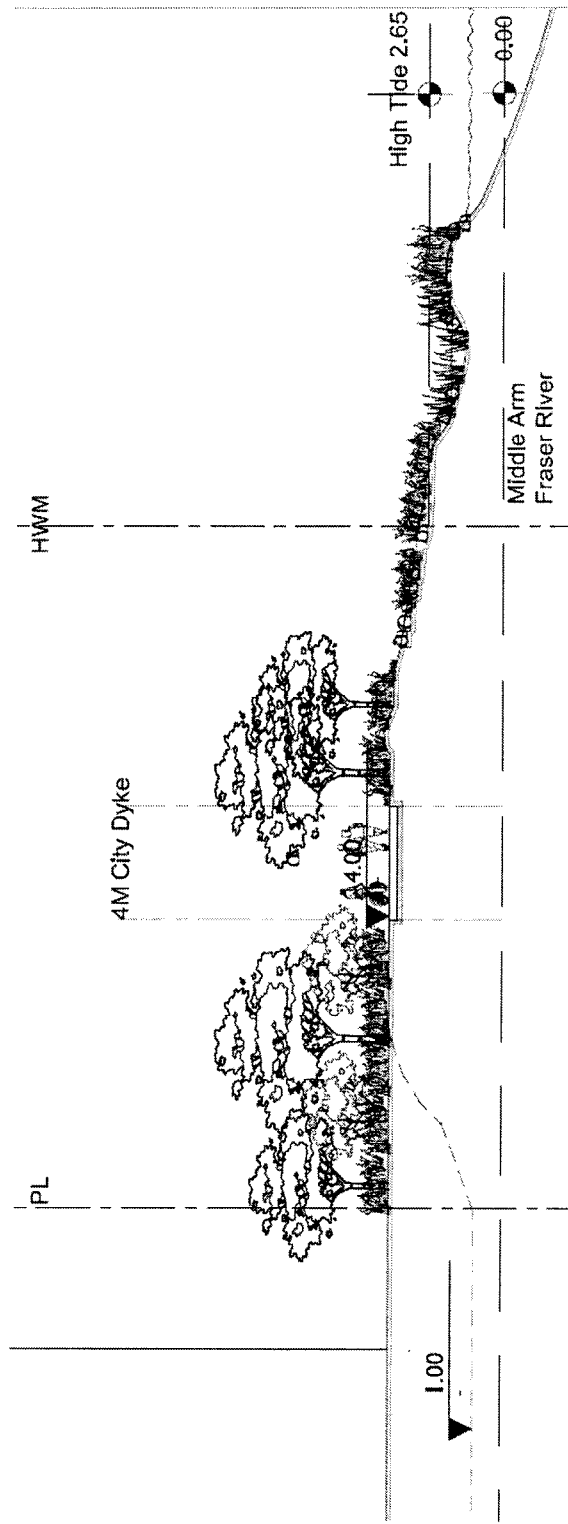
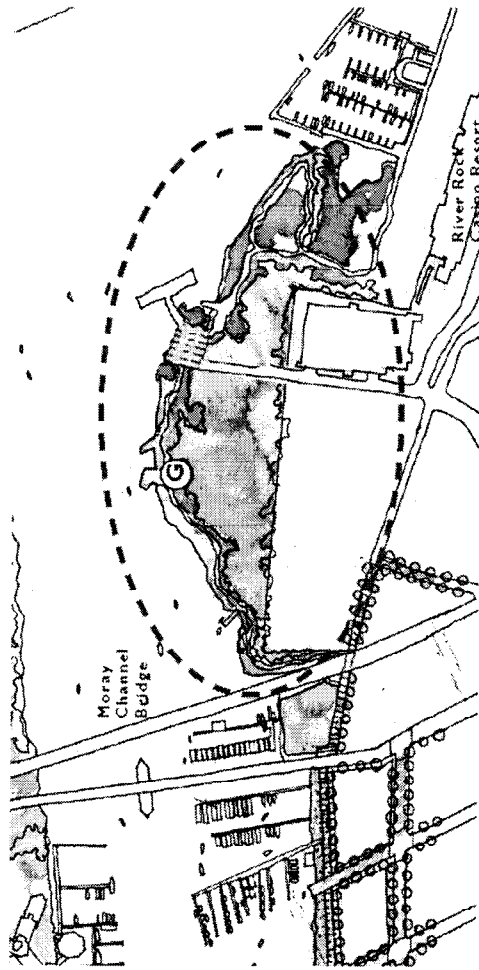
E. Maritime Mews



F. River Road



G. Duck Island



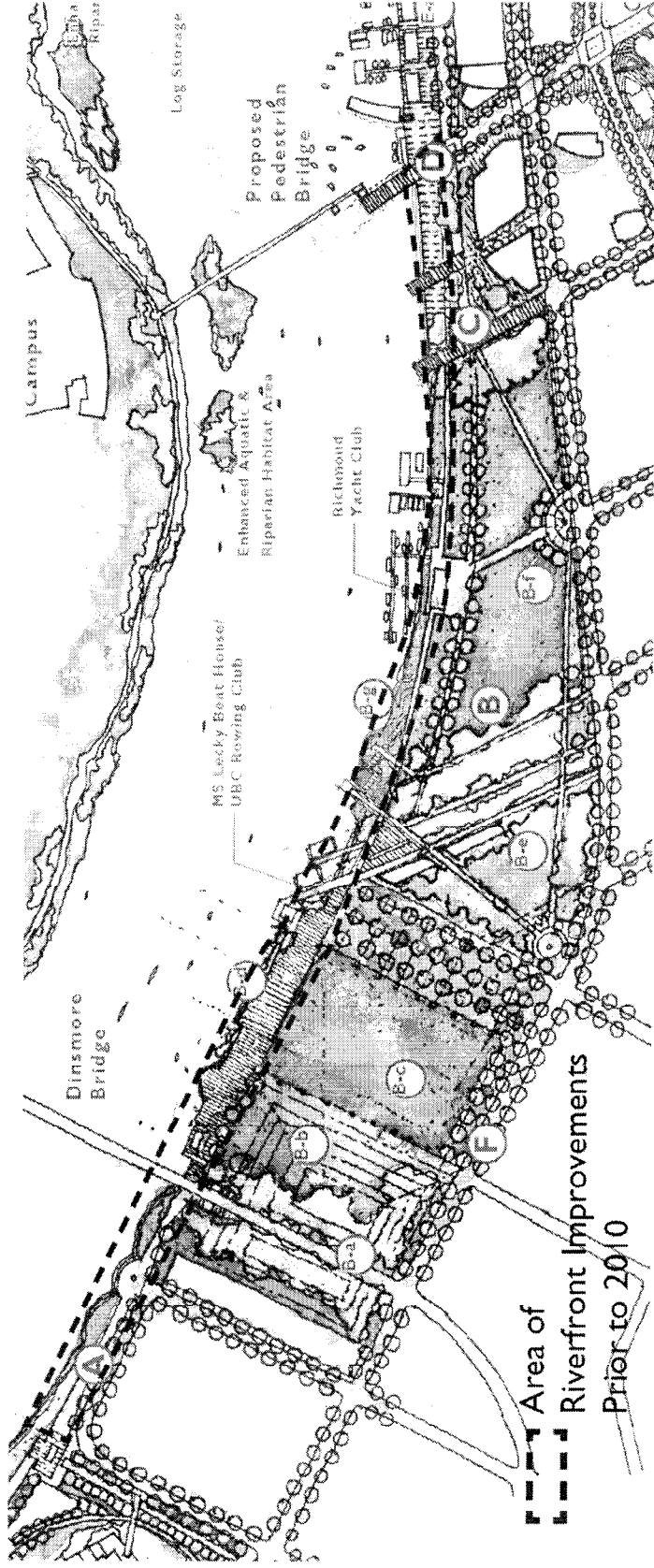


Endorsement of the Concept

Park Acquisition Strategies

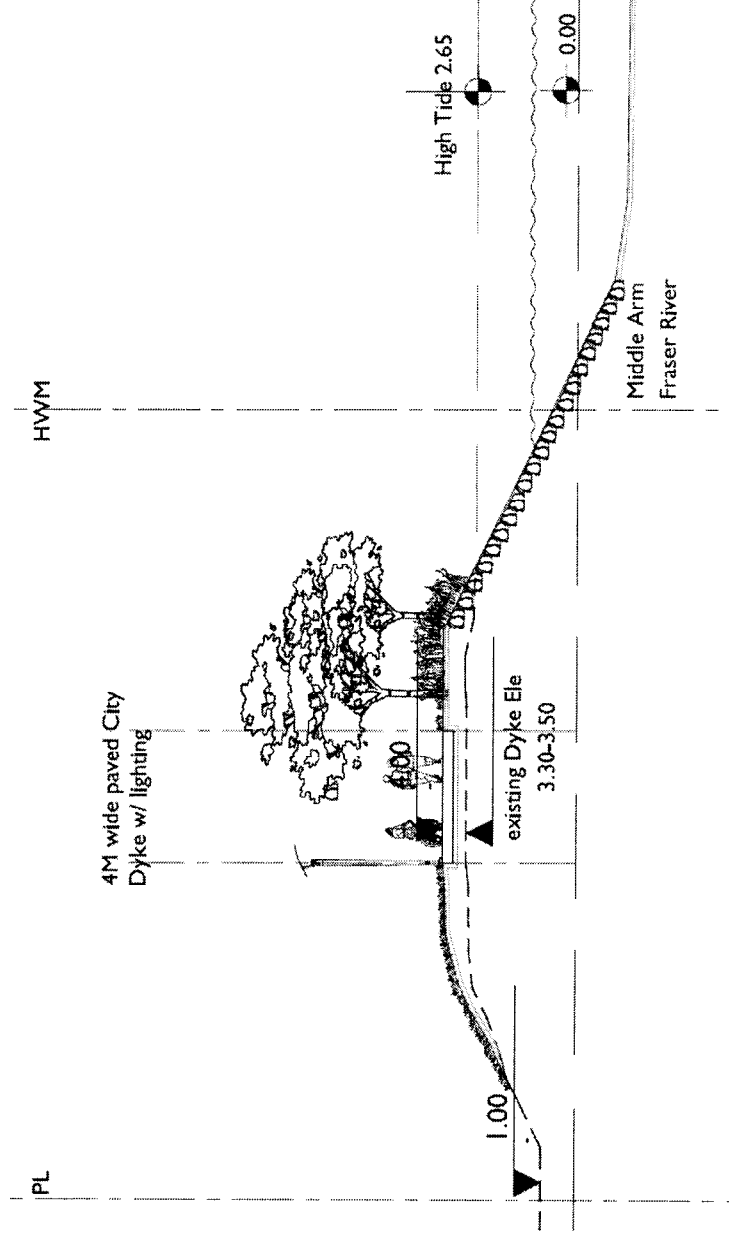
Riverfront Improvements 2007 to 2009

**Middle Arm Open Space Development 2010 to City Centre
Build-Out**

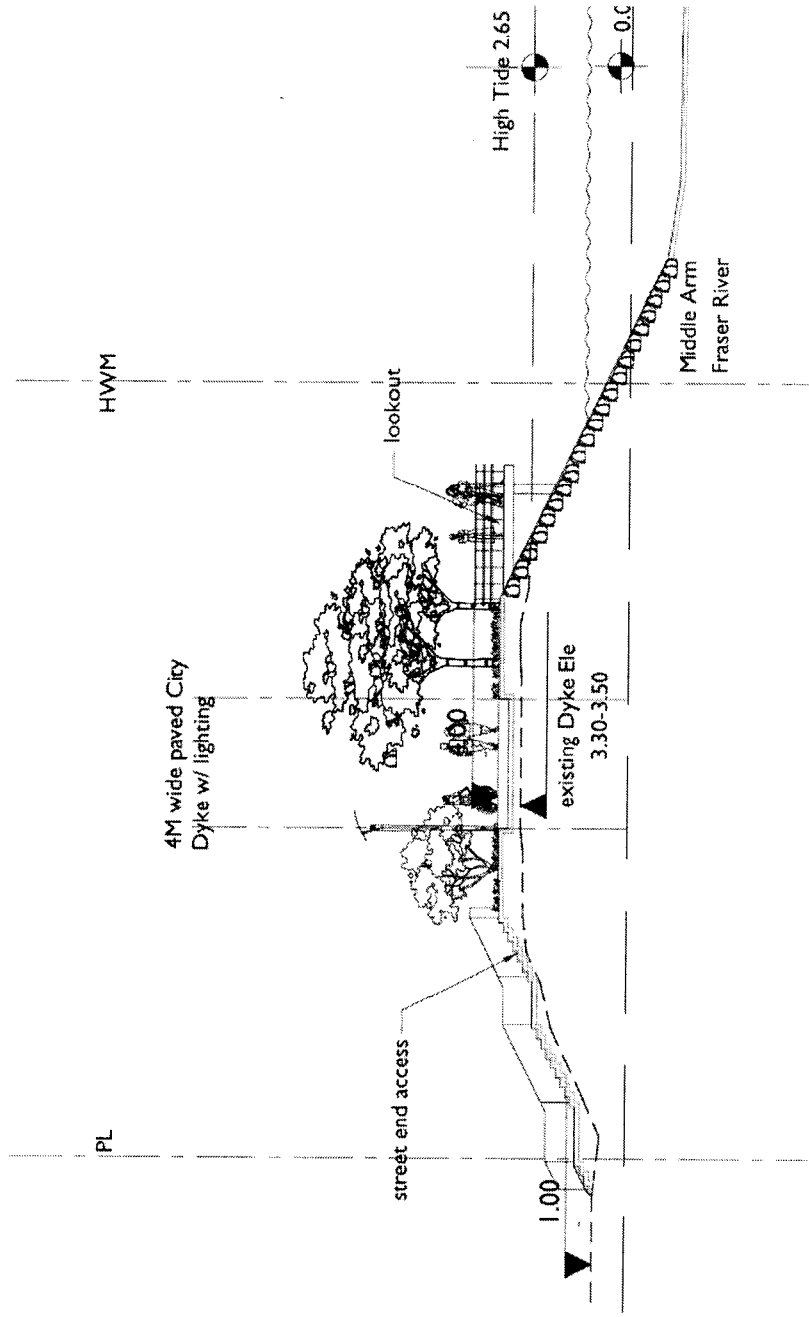


The objectives of the detailed design for this first phase of construction should include:

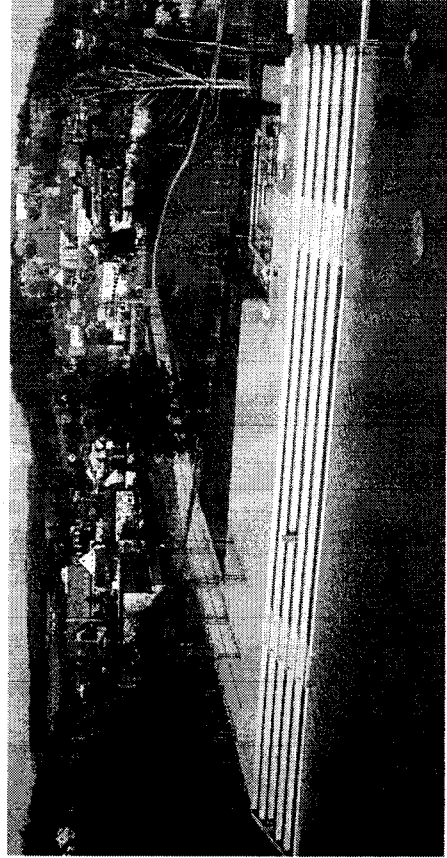
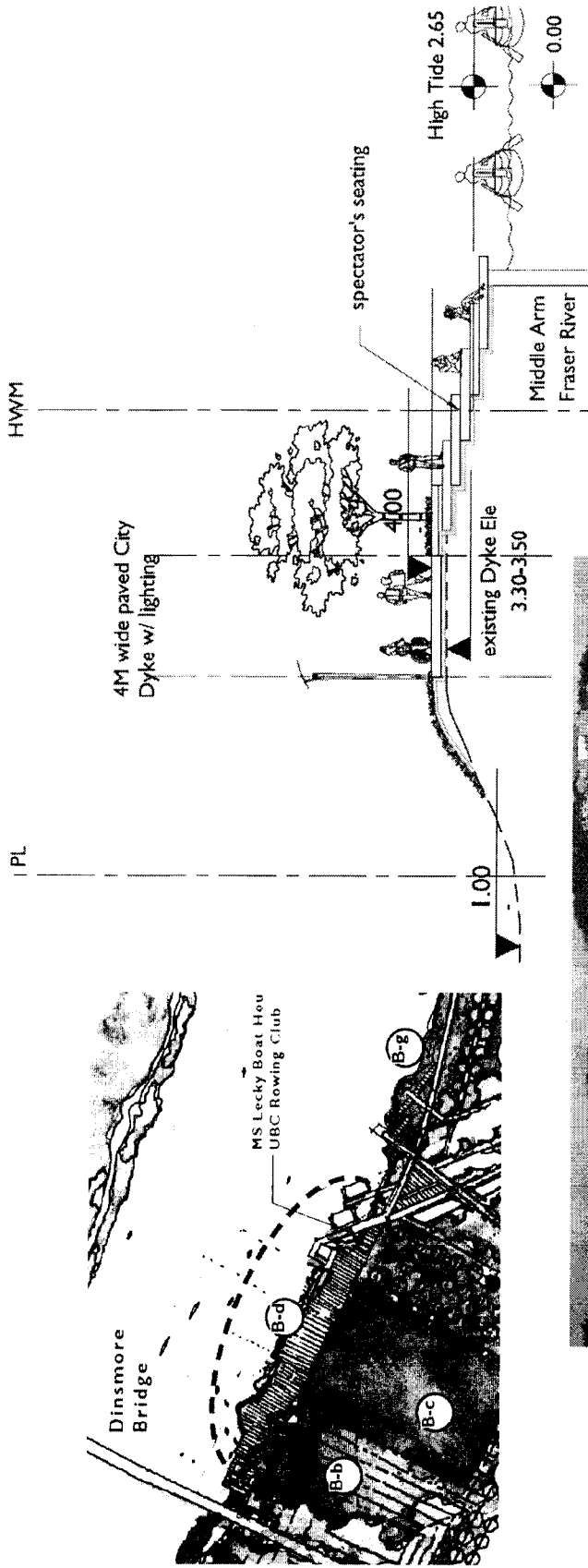
- On going public consultation in conjunction with the City Centre Area Plan
- Strengthening the connection to No.3 Road and the Aberdeen Canada Line Station
- Raising the elevation of the dyke to meet and exceed Provincial requirements and to be location specific as established by the City
- Providing an 8.0 meter wide corridor including a continuous paved pedestrian and cyclist route with a minimum width of 4.0 meters with nighttime lighting to facilitate accessibility for public use and dyke maintenance



- Construction of some dyke-top improvements to set the stage for future open space developments and street-end connections



- Creation of some of the social places along the waterfront as identified in the concept including some tiered seating as part of the Boating Festival venue for sitting and watching boating events as well as informal enjoyment of the waterfront on a daily basis.



Middle Arm Open Space Development 2010 to City Centre Build-Out

Post 2010 implementation will address:

- Assembling lands for the Middle Arm City Park and construction of upland facilities
- Relocation of River Road to the CP Right-of-Way and improvement for pedestrians and cyclists on the old road alignment
- Implementation of the Aquabus system, including supporting facilities
- Building the pedestrian bridge from the end of Cambie Road to Sea Island.