



PLAN ELEMENTS & DIRECTIVES



PROGRAM ELEMENTS

URBAN AGRICULTURE

LAND USE



Orchards

Program: Educational workshops, seating, community gathering, picnicking, fruit picking, eating

Smallscale Agroecology

Program: Sustainable agriculture education and workshops, agritourism, guided tours, u-pick, food production, sustainability

Seasonal Display Fields

Program: Photography, plant and agricultural appreciation, seasonal tourism, pollinator path

Main Entrance

Program: Meeting, welcoming, site orientation, main pedestrian site access

Community Hub & Farm Centre

Program: Demonstration gardens, food production education, cooking classes, guided tours, agriculture walks, food festivals, farmer's markets, community picnics, orchard parking, multifunctional buildings, future sustainability centre

Textile Fields

Program: Arts and crafts material production, workshops, display

Tree Nursery

Program: Tree propagation, tree identification and education

Fern Forest

Program: Informal fiddle-head harvesting

KEY DIRECTIVES

1.	Establish community partnerships and stewardship on the Lands.
2.	Showcase agro-ecology best practices and provide opportunities to take the classroom outside through encouraging research and innovative practices.
3.	Develop a wide range of opportunities for individuals, groups, and non-profit organizations to participate in crop cultivation, gardening, education, access to local food, and special events to ensure community and social benefits.
4.	One farm, multiple farmers - Promote a collaborative and sustainable approach to active farming, gardening and environmental stewardship of the Lands.
5.	Ensure sustainable farming by establishing sources of water for irrigation while ensuring minimal impact on the natural bog hydrology.





FIELDS

AGRICULTURAL FIELDS ARE FUNCTIONAL WORKING LANDSCAPES THAT CAN ALSO HAVE AN AESTHETIC APPEAL.

THEY CAN BE PURPOSELY LAID OUT AND PLANTED TO EMPHASIZE GEOMETRY, LINES, PATTERNS AND COLOURS AND SEASONAL TRANSFORMATIONS.

AT TIMES, FIELDS MAY BE FALLOW, IN CROP ROTATION OR USED FOR TEMPORARY DISPLAYS OR EVENTS.

IN ADDITION TO CROP PRODUCTION FIELDS, RICHMOND'S HORTICULTURAL BACKGROUND WILL ALSO BE REFERENCED WITH FLORAL DISPLAYS AND TREE NURSERIES.

TEXTILE FIELDS ARE SPECIFICALLY PLANTED FOR CREATIVE USE BY THE DESIGN AND ARTS COMMUNITY.





- BEE KEEPING
- POLLINATOR PATHS
- COMMUNITY AND DEMONSTRATION GARDENS
- U-PICK PLOTS
- MAZES
- HEDGEROWS
- SMALL ANIMAL HUSBANDRY
- EDUCATION AND RESEARCH
- ETHNO-BOTANICAL DISPLAYS
- HORTICULTURAL DISPLAYS
- HERB GARDEN





A PARK AND A FARM MANAGER MAY BE REQUIRED ON SITE TO PROTECT EQUIPMENT, CROPS AND ANIMALS, ENSURE SAFETY, BE AN AMBASSADOR FOR THE PUBLIC AND UNDERTAKE SITE STEWARDSHIP AND MANAGEMENT INITIATIVES.





FENCE AND DITCHES PROVIDE SEPARATION, DRAINAGE FUNCTIONS AND INTEREST TO THE FIELDS.

THERE ARE OTHER AGRICULTURAL USES ALLOWED IN THE ALR INCLUDING AQUACULTURE, WINERIES AND HORSE STABLES.

THESE SHOULD BE VERY CAREFULLY CONSIDERED AND ASSESSED FOR OVERALL SITE IMPACT AND POTENTIAL CONFLICT WITH OTHER USES.



NATURAL ENVIRONMENT

LAND USE



Naturalised Woodlot

Program: Birdwatching, strolling, nature appreciation and interpretation, native plant education, guided tours, biodiversity

The Meadows

Program: Informal and adventure play, picnicking, community gathering, seating, viewing, biodiversity

Drainage Channel

Program: Learning and exploration, viewing, education, birdwatching, seating

Bog

Program: Viewing, research and education, birdwatching, seating, volunteerism, interpretation, biodiversity

Sphagnum Moss Sanctuary

Program: Viewing and nature appreciation, outdoor education, seating, respite and reflection, interpretation, biodiversity

Fen & Bog Watercourse

Program: Learning and exploration, viewing, research and education, birdwatching, seating, biodiversity

Successional Edge

Program: Viewing, education, birdwatching, trail walking, seating, biodiversity

The Wetland

Program: Biodiversity, viewing platform adventure play, research and education, birdwatching, stormwater retention

Key Directives

1.	Manage the whole site as one. Recognize that it is a system. As uses are integrated into the long vacated site, decision-making must fully consider the impacts on all parts of the system and be adaptable.
2.	Increase biodiversity by protecting and enhancing the ecologically valuable areas and carefully introducing new plants and wildlife habitat.
3.	Protect critical ecological habitats and functions on the Lands.
4.	Monitor and ensure that the watertable levels are maintained and managed to preserve the critical bog eco-systems.
5.	Promote and enhance the Ecological Network connections to the existing and proposed green infrastructure services in the surrounding urban areas and to the Department of Defence Lands and Richmond Nature Park Ecological Hub.
6.	Work with others and foster environmental stewardship and partnerships to provide expertise, ideas, volunteerism, potential financial assistance, and sense of ownership.
7.	Make nature accessible and connect people to the Lands. Provide opportunities to appreciate the beauty of nature, the quietness in the middle of the site, the views to the mountains, and experience the health and wellness benefits of being outdoors.

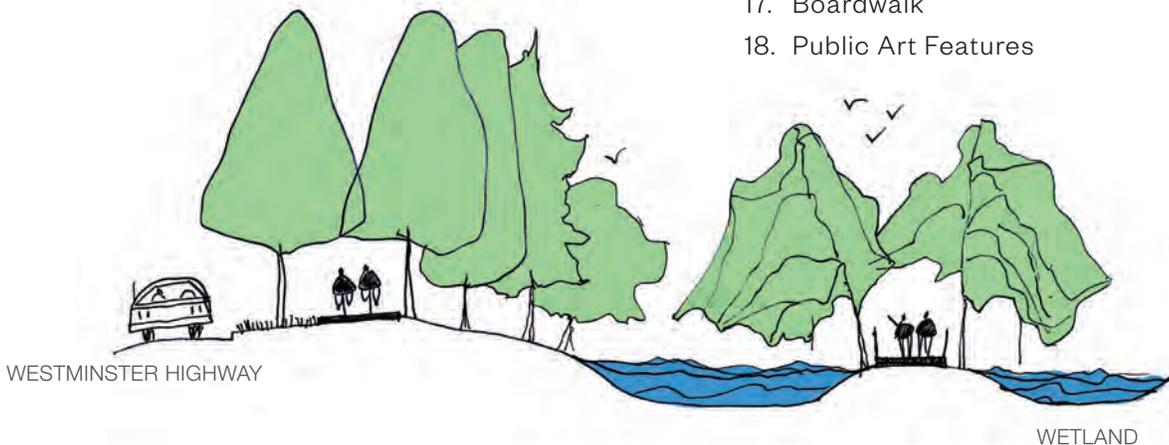


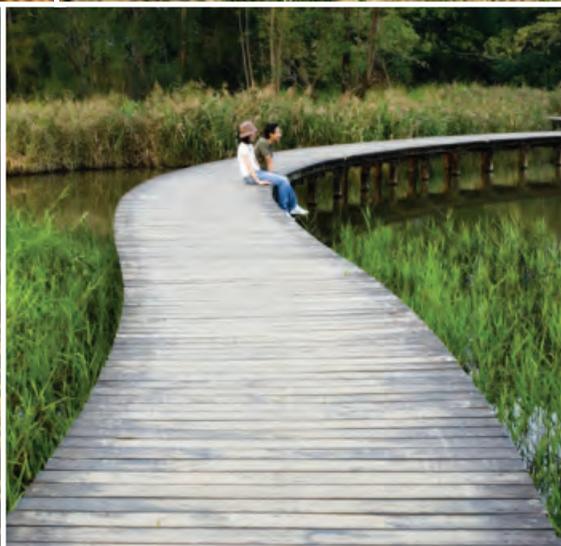
THE WETLAND



LEGEND

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|---------------------------------------|-------------------------------------|
| 1. Enhanced Wetland | 9. Agriculture Fields |
| 2. Vegetated Habitat Islands | 10. Successional Edge Planting |
| 3. Bridge Crossings and Viewing Areas | 11. Perimeter Trail |
| 4. Strolling Pathways | 12. Arts and Craft Fibre Production |
| 5. Bog Watercourse | 13. Tree Nursery |
| 6. Informal Play | 14. Crosswalk and Entry Plaza |
| 7. Lookout Tower | 15. Gateway Entrance |
| 8. Wetland Drainage Channel | 16. Weir Control Point |
| | 17. Boardwalk |
| | 18. Public Art Features |







THE BOG

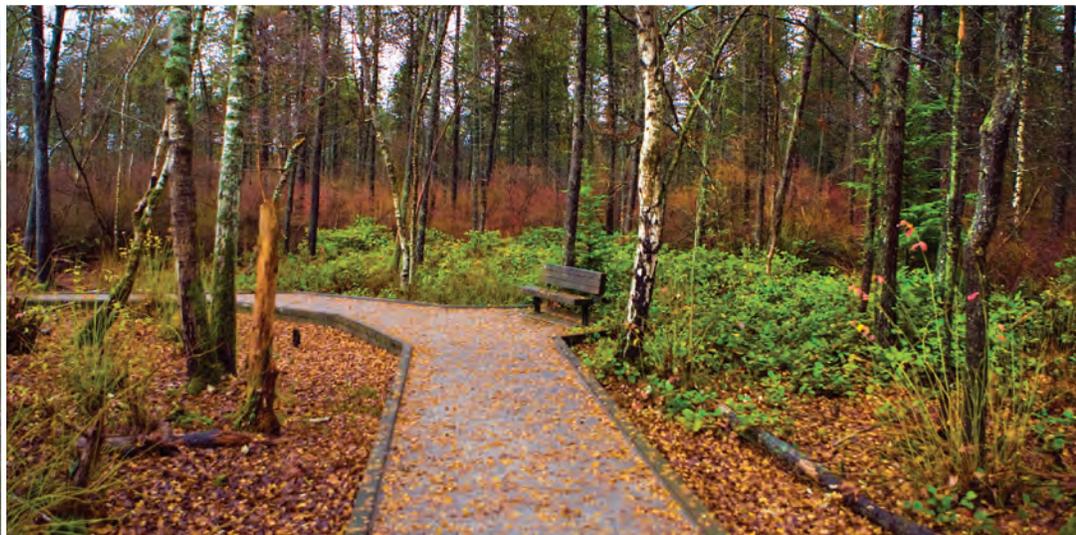
PLANT SPECIES THAT ARE DISTINCT AND UNIQUE WILL BE PROTECTED.

THE PREDOMINATE SCOTCH HEATHER IN THE NORTH-EAST CORNER IS NOT NATIVE TO RICHMOND, HOWEVER, WELL SUITED TO THE PEAT BOG ENVIRONMENT.

OTHER PLANTS ARE NATIVE SUCH AS THE HARDHACK SHRUB WHICH CAN GROW QUICKLY AND TALL POTENTIALLY CHANGING THE CHARACTER OF THE OPEN BIG SKY LANDSCAPE.

A NATURAL RESOURCE MANAGEMENT PLAN WILL HELP SET GOALS AND ADDRESS THESE ISSUES.





BOARDWALKS WILL HELP PROTECT THE BOG AND PROVIDE YEAR ROUND ACCESS TO WETTER AREAS OF THE SITE.



GUIDED TOURS USING SPECIAL BOG SHOES IN ESTONIA



LARGE SWATHS OF GRASS MEADOW AREAS SHOULD BE MAINTAINED AND UTILIZED AS TRANSITION ZONES BETWEEN THE BOG AND AGRICULTURAL AREAS.

SPECIAL POCKETS OF PLANTS SUCH AS THE 'FERN FOREST' SHOULD BE RETAINED WHERE POSSIBLE.

THE MOUND MEADOW AREA HAS EXISTING NATURALIZED BULBS SUCH AS CROCUSES THAT HAVE PROVIDED A SEASONAL DISPLAY OF COLOUR FOR OVER 20 YEARS. PATCHES OF THESE WILL BE MAINTAINED.





EXPANDED WATERCOURSES PROVIDE YEAR ROUND WATER TO ENHANCE WILDLIFE HABITAT AND RECREATIONAL OPPORTUNITIES.

WATER WITHIN THE SITE CAN BE MULTI-FUNCTIONAL. NATURAL WATERCOURSES AND ENGINEERED ONES SUCH AS DRAINAGE DITCHES, DETENTION PONDS OR FORMAL WATER FEATURES COULD RETAIN AND FILTER STORM WATER FOR IRRIGATION.

ESTABLISHING A COMPREHENSIVE WATER MANAGEMENT STRATEGY FOR THE WHOLE SITE WILL BE A PRIORITY.



UNUSUAL SPORTING EVENTS - BOG SNORKELLING CHAMPIONSHIP WALES



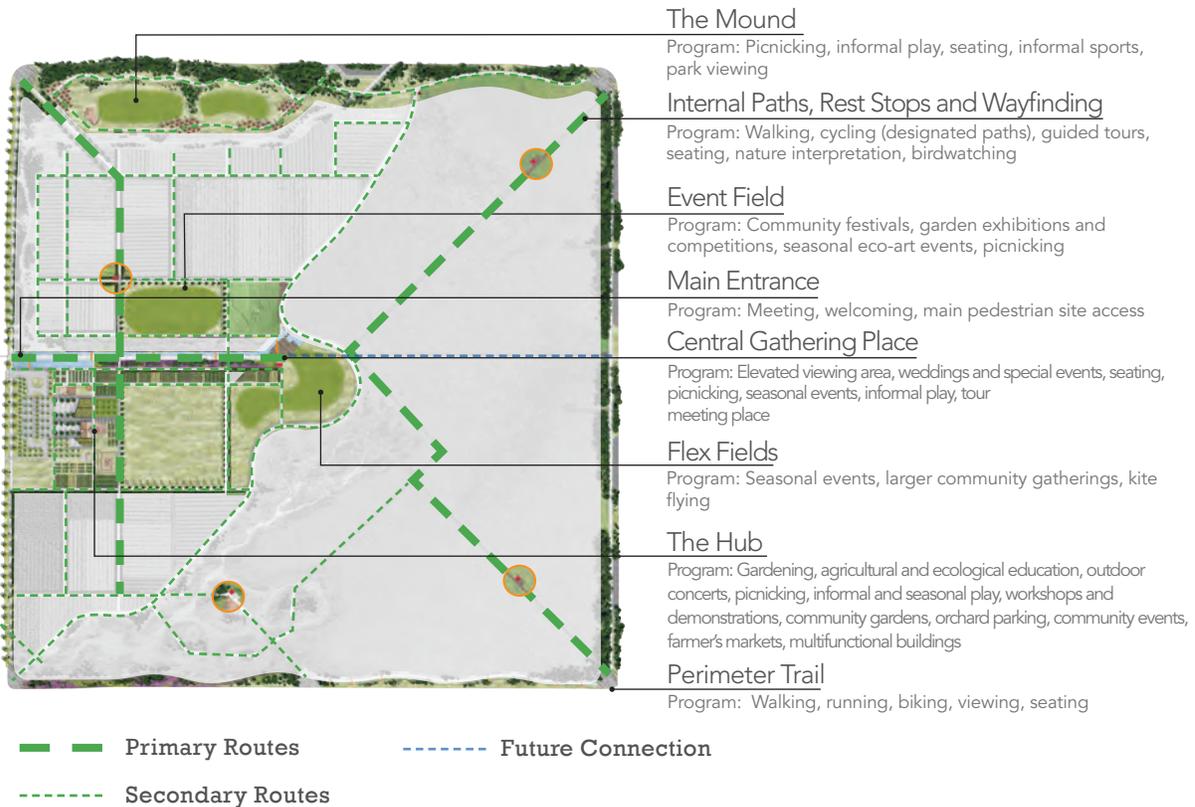
ADDING TREES AND SHRUBS PROVIDES FOOD, HABITAT AND PERCH FOR LOCAL WILDLIFE.

THEY WILL ALSO FRAME THE LANDS AND PROVIDE A GREEN BACKDROP FOR VISITORS IN THE SITE.

WOODLOTS AND STREET TREES SHOULD BE CAREFULLY PLACED TO MINIMIZE POTENTIAL NEGATIVE EFFECTS ON THE RAISED PEAT BOG PLANT SPECIES AND TO MAINTAIN OPEN SKY VIEWS.

COMMUNITY WELLNESS AND ACTIVE LIVING

LAND USE



Key Objectives

1.	Establish a unique site that is complementary and adds to the diversity of parks and open spaces system within the City.
2.	Integrate an overarching theme of sustainability that specifically promotes healthy lifestyles and ecologically integrated site development and programs.
3.	Promote a culture of walking and cycling by establishing safe and clear pedestrian connections to the surrounding neighbourhoods and a hierarchy of trail within the site.
4.	Provide a vibrant Community Hub/Farm Centre that acts as a magnet for community gatherings, a place of education and discovery, and provides basic park infrastructure.
5.	Minimize building footprint on the Land and encourage multi-functional and innovative buildings forms concentrated in the Community Hub/Farm Centre area.
6.	Provide flexible and adaptable spaces and programs that can respond to community needs and the evolving understanding about the bog ecological functions and agricultural viability.
7.	Create a sense of a sanctuary - an escape from the city hustle and bustle of the surrounding roadways and urban densification of buildings and uses.



COMMUNITY HUB & FARM CENTRE



LEGEND

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| <ul style="list-style-type: none"> 1. Orchard Parking (60-80 stalls) 2. Co-Located Multifunctional Green Buildings: Welcome and Interpretation Centre, Community Functions, Agricultural Centre 3. Informal Play 4. Event Field 5. Community Flex Plaza 6. Display Gardens 7. Picnic Orchard 8. Community Gardens | <ul style="list-style-type: none"> 9. Demonstration Fields 10. Tree Nursery 11. Agricultural Field 12. Garden City Shared Use Greenway 13. Garden City Lands Main Entrance and Lansdowne Terminus Water Feature 14. Agricultural Fields 15. Crosswalk and Site Entrance |
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DESIGN *GREEN* BUILDINGS THAT COMPLEMENT THE CHARACTER OF THE URBAN EDGE AND YET PROVIDE A UNIQUE TRANSITION TO THE RURAL AND NATURAL SETTINGS.

A PHASED BUILDING APPROACH USING CREATIVE AND INNOVATIVE BUILDING FORMS COULD PROVIDE SHORT-TERM FACILITIES TO SUPPORT A COMMUNITY HUB/FARM CENTRE.

OVER TIME, AN ICONIC BUILDING(S) SUCH AS A SUSTAINABILITY CENTRE FOCUSED ON FOOD SYSTEMS, ECOLOGY, CLIMATE CHANGE AND SOCIETY COULD BE CONSIDERED.





GARDEN ROOMS AND DEMONSTRATION AREAS



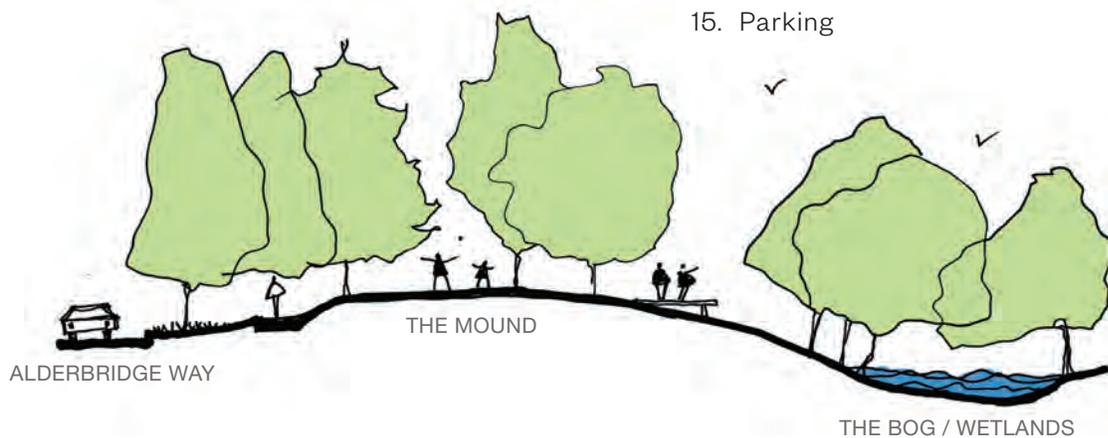
INFORMAL PLAY, HEALTH ACTIVITIES AND FARMERS MARKETS

THE MOUND



LEGEND

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|--|---|
| 1. The Commons | 8. Entry Gateway Plaza with Art Feature |
| 2. Strolling Wooded Path / Perimeter Trail | 9. Entry Path Through Tree Allee |
| 3. Viewing Seats | 10. Viewing Tower |
| 4. Picnic Areas | 11. Informal Play |
| 5. Orchard Trees | 12. Agriculture Fields |
| 6. Forest Edge | 13. Meadow Grass Slopes |
| 7. Stormwater Channel | 14. Crosswalk and Site Entrance |
| | 15. Parking |





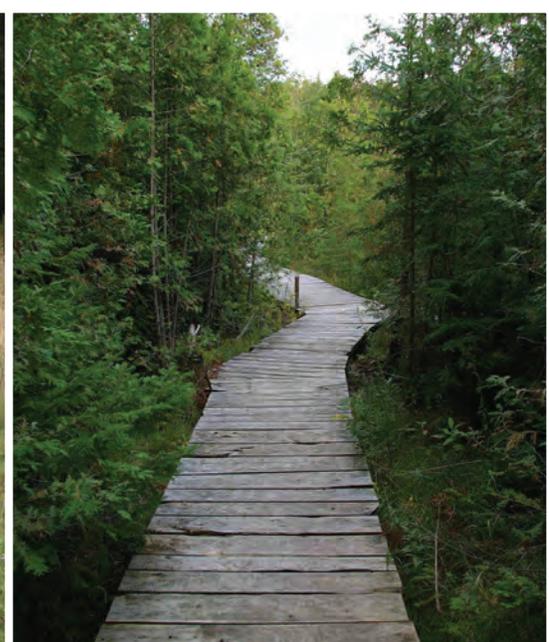


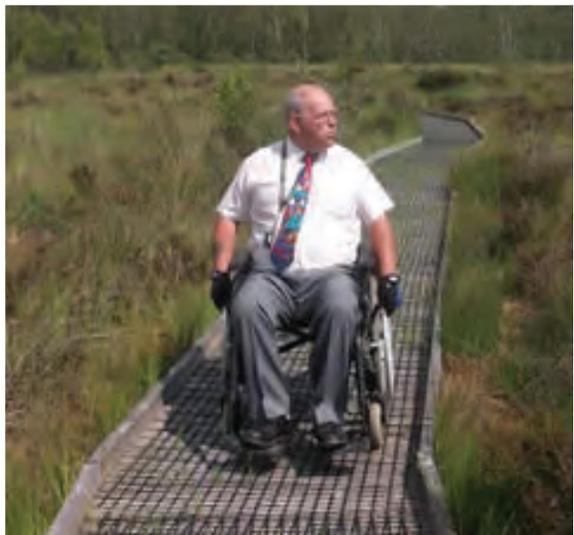
CONNECTIONS AND PATHWAYS

GARDEN CITY ROAD GREENWAY WILL BE AN OFF-ROAD CYCLING AND PEDESTRIAN PATH. IT IS PART OF THE REGIONAL AND CITY WIDE CYCLING NETWORK. STREET TREES WILL CREATE A GREEN BACKDROP AND BUFFER FROM WITHIN THE SITE.

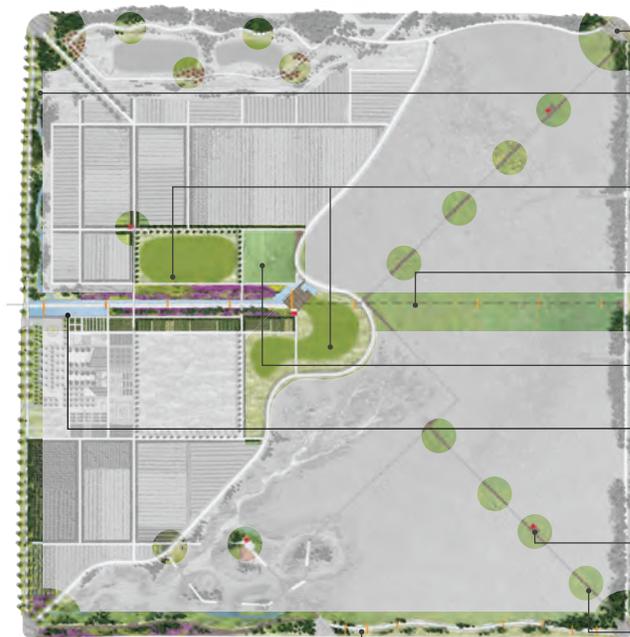
A SERIES OF PATHWAYS WITH DIFFERENT TEXTURES AND WIDTHS WILL BE CONSTRUCTED THROUGHOUT THE SITE.

THE PERIMETER TRAIL IS 2.5 KILOMETERS IN LENGTH.





CULTURAL LANDSCAPE - PLACEMAKING



LAND USE

- Entry Gateways with Art Features
Program: Seating, interpretation, multi-media interactive program
- Garden City Greenway Art Walk
Program: Public art, heritage and agriculture interpretation, strolling, running, biking
- Flex Fields & Event Fields
Program: Garden display competitions, tourism, art festivals, concerts, seasonal eco-art events, GCL art events
- Historic Rifle Range Markers
Program: Elevated viewing area, history interpretation, historic and eco-tours
- Art Fields
Program: Seasonal art display and events, maze / labyrinth walks
- Main Entrance
Program: Lansdowne parkway water feature and reservoir, stormwater education, major art feature, community gathering, interactive new media
- Communications Tower Lookout Points
Program: Viewing, history interpretation, plus interactive new media
- Interpretation Rest Stops & Wayfinding
Program: Seating, interpretation
- City Centre Gateway Edge
Program: Seasonal flower display, public art and interpretation

KEY OBJECTIVES

1.	Create a distinct design and character into the park features and programs that respects and reflects the unique landscape and history of the lands.
1.	Provide a comprehensive interpretation program to increase visitors understanding of the heritage bog landscape, issues of sustainability, urban agriculture and healthy lifestyle choices.
2.	Establish signature eco-art, sustainable landscape, agriculture and food based festivals that make the Lands a community and tourism destination.
3.	Celebrate the seasons with purposeful and intentional plantings, programs, and festivals.
4.	Engage the community’s creativity and ideas in the ongoing planning, programming, and implementation of a variety of projects.
5.	Connect and be an extension of the future Lansdowne Road ceremonial and ‘outdoor gallery’ public art program.





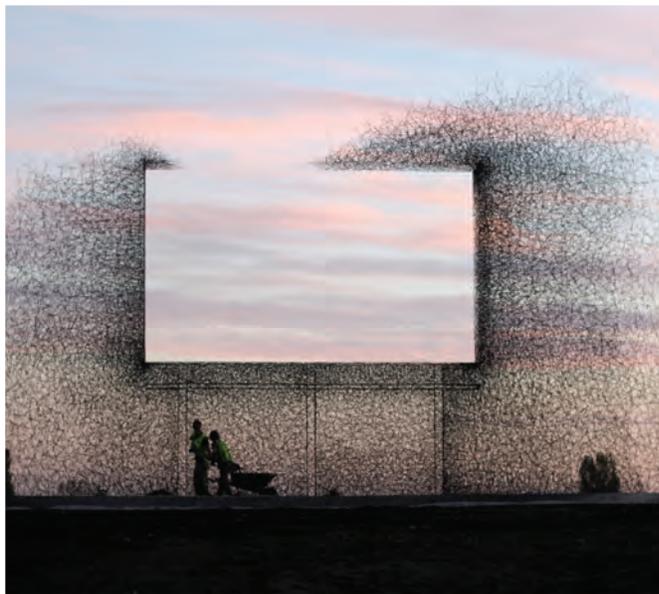
TANGHE RIVER PARK



A SIMPLE, STRONG VISUAL STATEMENT CAN BE FUNCTIONAL AND ICONIC



TERRA NOVA RURAL PARK



VIRGILIO MANTOVA



ART CAN PROVIDE INTERPRETATION AND AN UNIQUE VIEW ON THE WORLD



FESTIVALS AND EVENTS





CULINARY / FOOD FESTIVALS

ANNUAL AND LARGE INTERNATIONAL LANDSCAPE/ ENVIRONMENTAL ART FESTIVALS OR COMPETITIONS IN THE FUTURE WOULD CREATE A TOURISM DRAW.

LARGE SCALE INTERNATIONAL EVENTS THAT REQUIRE AN INDOOR VENUE COMPONENT COULD BE HELD AT THE RICHMOND OLYMPIC OVAL AND THE THEME EXTENDED ALONG THE LANSDOWNE ROAD ART WALK LEADING TO AN OUTDOOR FESTIVAL OR EVENT IN GARDEN CITY LANDS.

EXAMPLES INCLUDE:

- CHELSEA GARDEN SHOW LONDON ENGLAND
- JARDIN DES METIS LANDSCAPE DESIGN COMPETITION, QUEBEC
- MONTREAL INTERNATIONAL MOSAICCULTURES SHOW
- FLORIADÉ, HOLLAND - THE WORLD'S LARGEST HORTICULTURE EXPO

