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lake ontario park

a regional greenway and green waterfront

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Don Valley

Humber Valley



Lake Ontario Park

organizing ideas:

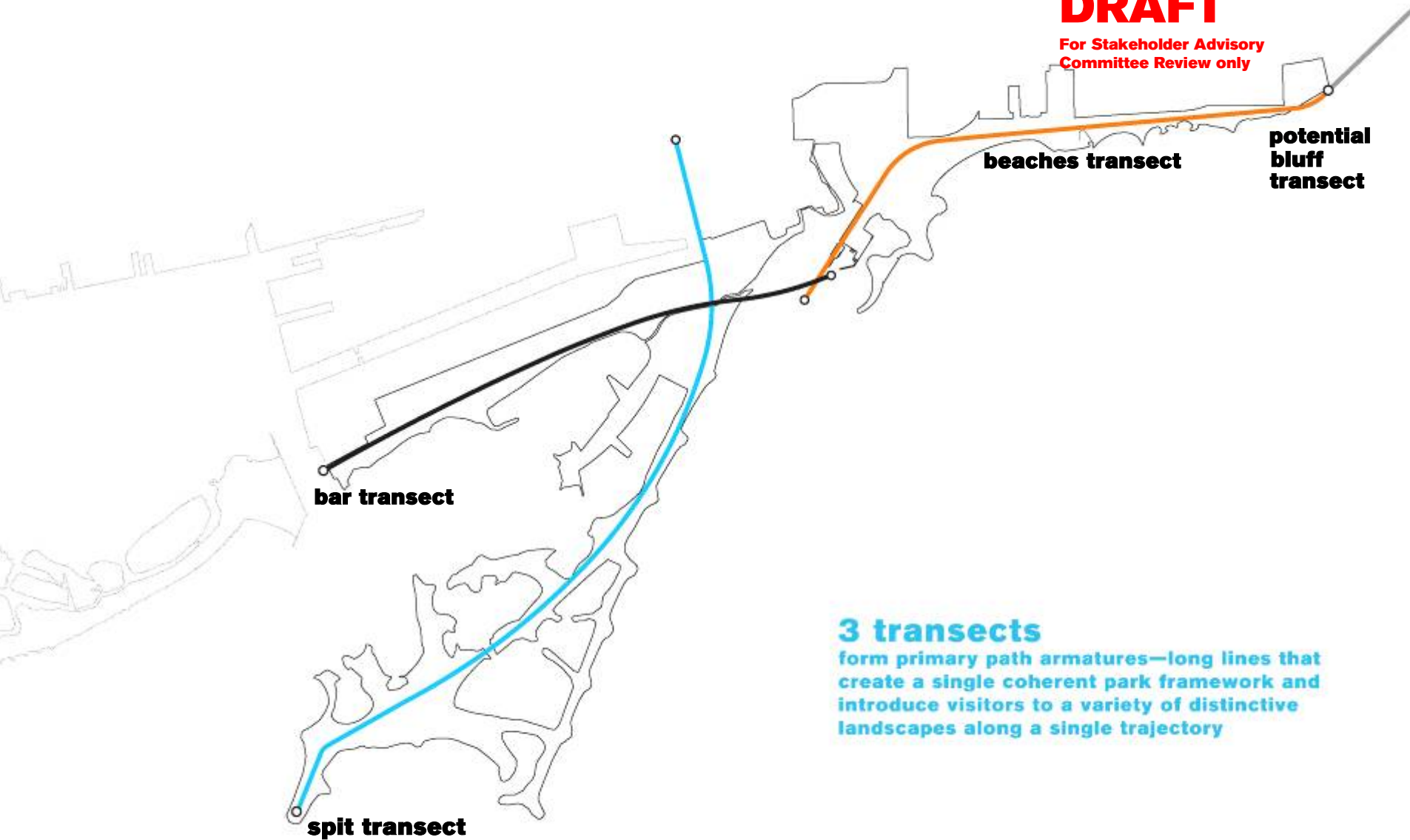
transects and outposts,

the bar and the bay

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beaches transect

**potential
bluff
transect**

bar transect

spit transect

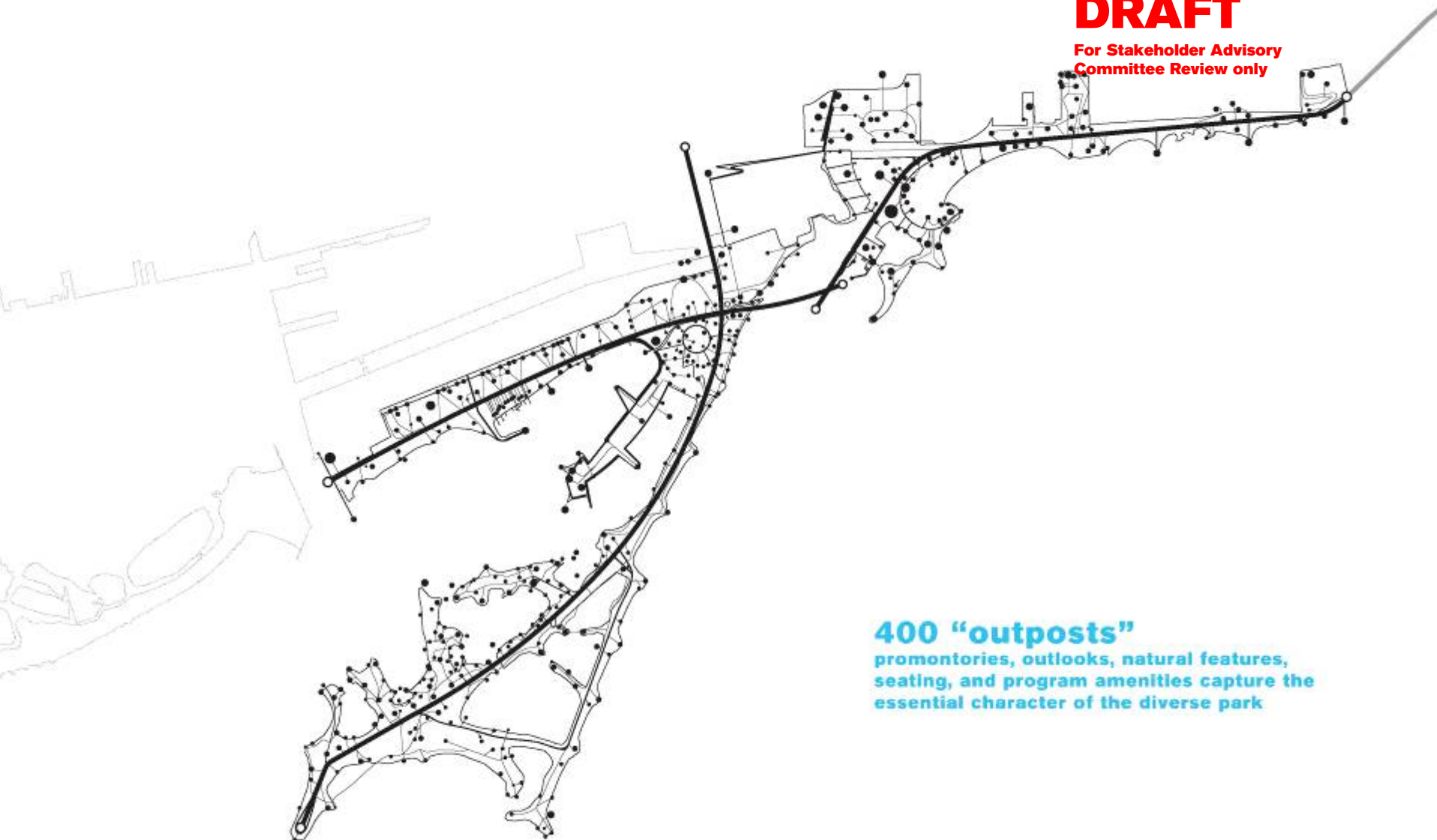
3 transects

form primary path armatures—long lines that create a single coherent park framework and introduce visitors to a variety of distinctive landscapes along a single trajectory

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400 "outposts"

**promontories, outlooks, natural features,
seating, and program amenities capture the
essential character of the diverse park**

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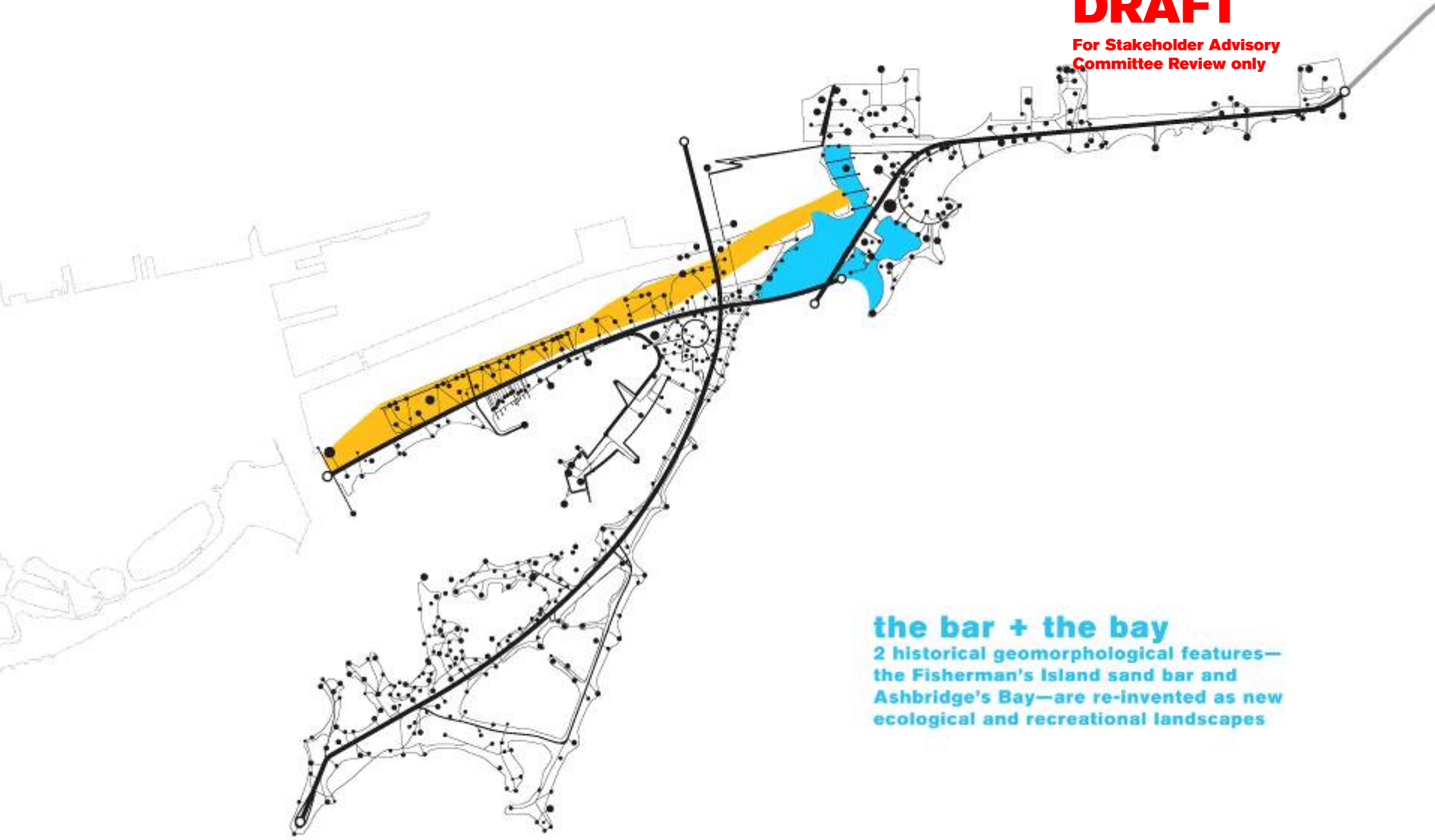
the bar

**forms the western threshold of the park
built mostly on man-made land**

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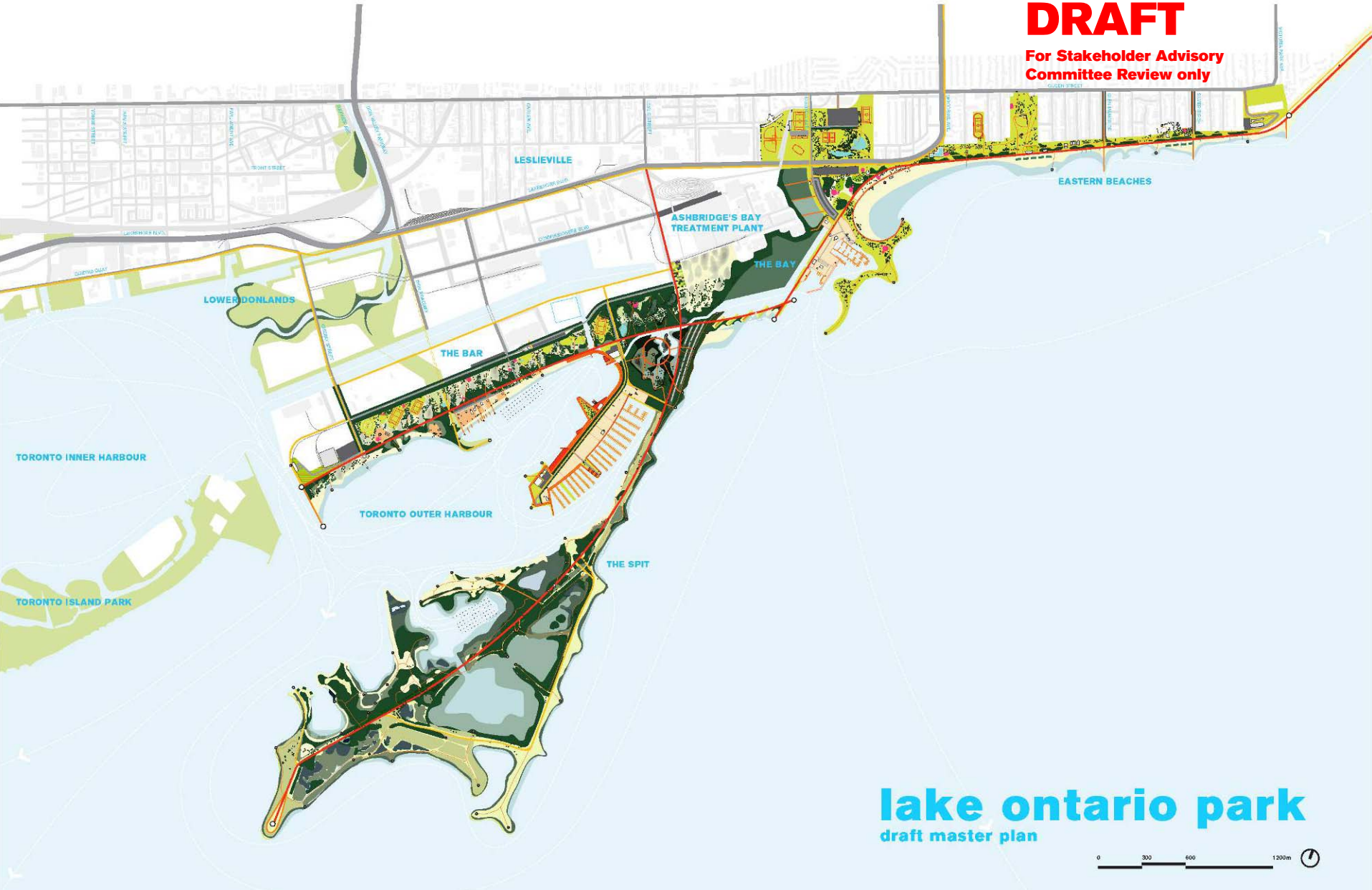
the bar + the bay

**2 historical geomorphological features—
the Fisherman's Island sand bar and
Ashbridge's Bay—are re-invented as new
ecological and recreational landscapes**

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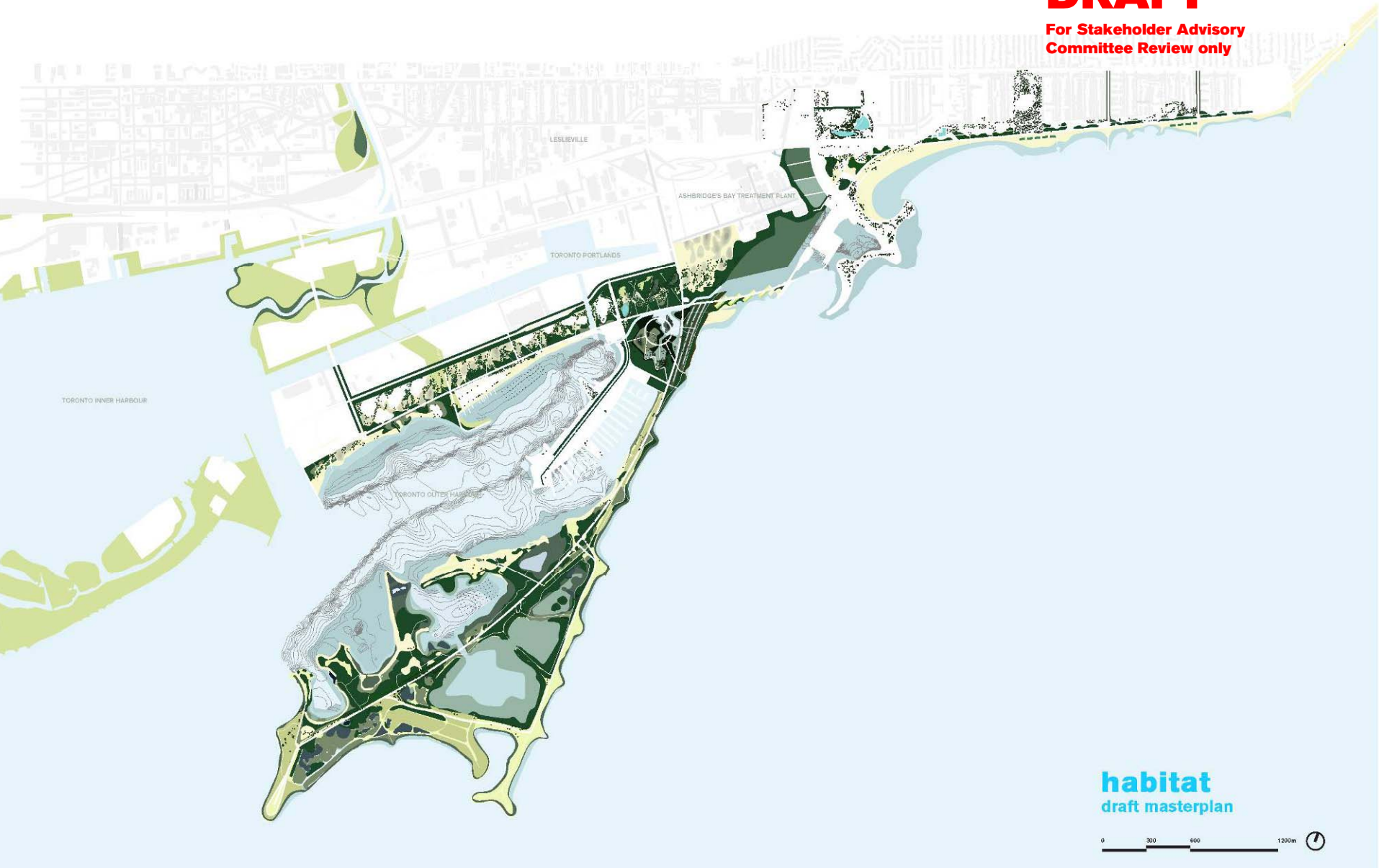
lake ontario park
draft master plan



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legend

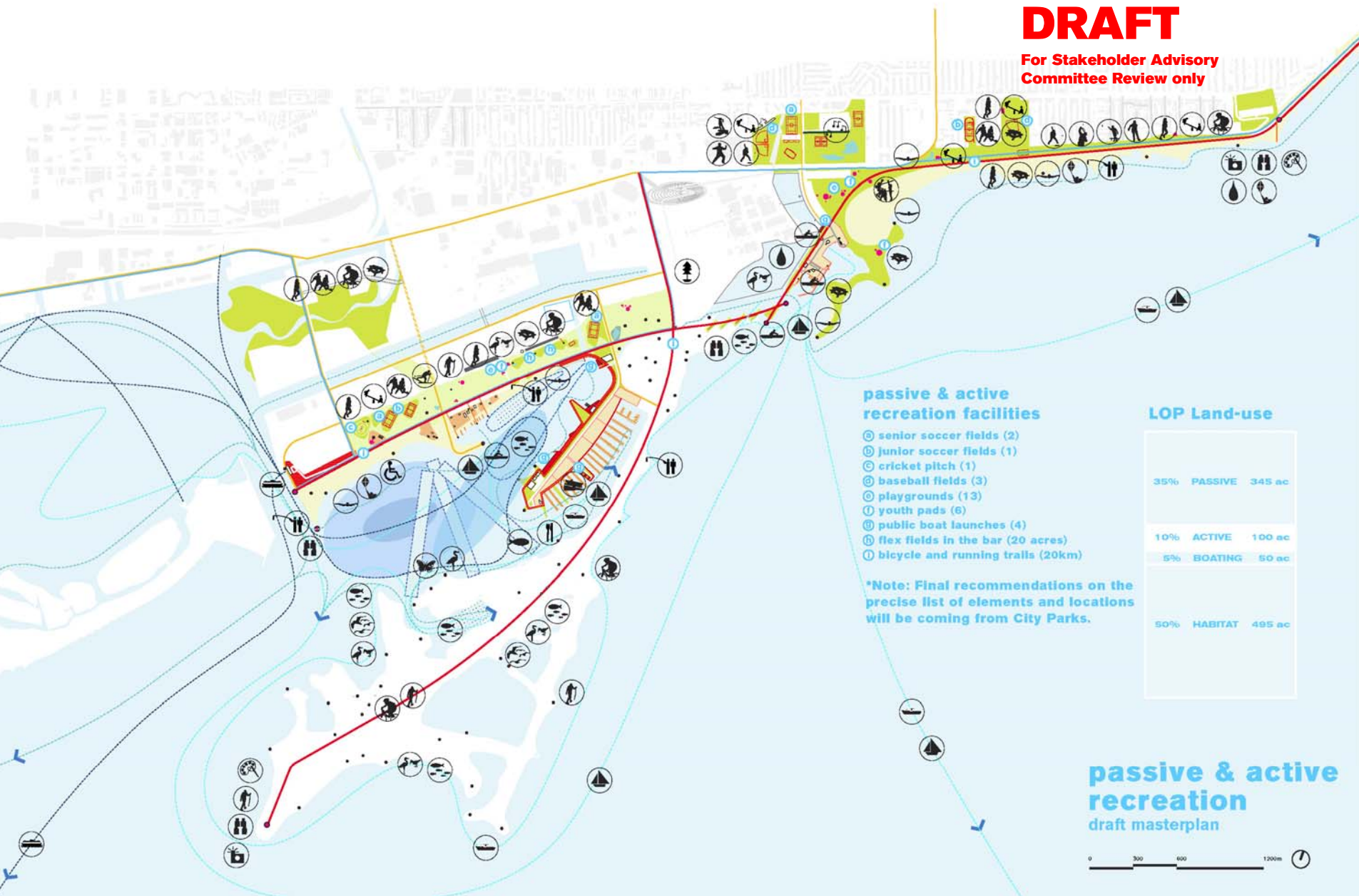
-  EXISTING CANOPY
-  PROPOSED CANOPY

**canopy
draft masterplan**



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passive & active recreation facilities

- Ⓢ senior soccer fields (2)
- Ⓣ junior soccer fields (1)
- ⓐ cricket pitch (1)
- ⓑ baseball fields (3)
- ⓐ playgrounds (13)
- Ⓣ youth pads (6)
- ⓐ public boat launches (4)
- Ⓣ flex fields in the bar (20 acres)
- Ⓣ bicycle and running trails (20km)

*Note: Final recommendations on the precise list of elements and locations will be coming from City Parks.

LOP Land-use

35%	PASSIVE	345 ac
10%	ACTIVE	100 ac
5%	BOATING	50 ac
50%	HABITAT	495 ac

passive & active recreation draft masterplan



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PASSIVE

ACTIVE

BOATING

50% HABITAT

APPROX. 495 acres

- **Wetlands**
- **Successional Meadows**
- **Deciduous Forest**
- **Swamp Forest**
- **Nesting Sites**

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35% PASSIVE

APPROX. 345 acres

ACTIVE

BOATING

HABITAT

- **Open lawn areas**
- **Open meadow areas**
- **Paths, trails, boardwalks and piers**
- **Playgrounds**
- **Beaches**

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- **Sport Fields**
- **Multi-use Fields**
- **Multi-use Trails**

PASSIVE

10% ACTIVE
APPROX. **100 acres**
BOATING

HABITAT



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- **Boat clubs**
- **Boat launches**
- **Boat docks**
- **Kayak & canoe landings**

PASSIVE

ACTIVE

5% BOATING
APPROX. 50 acres

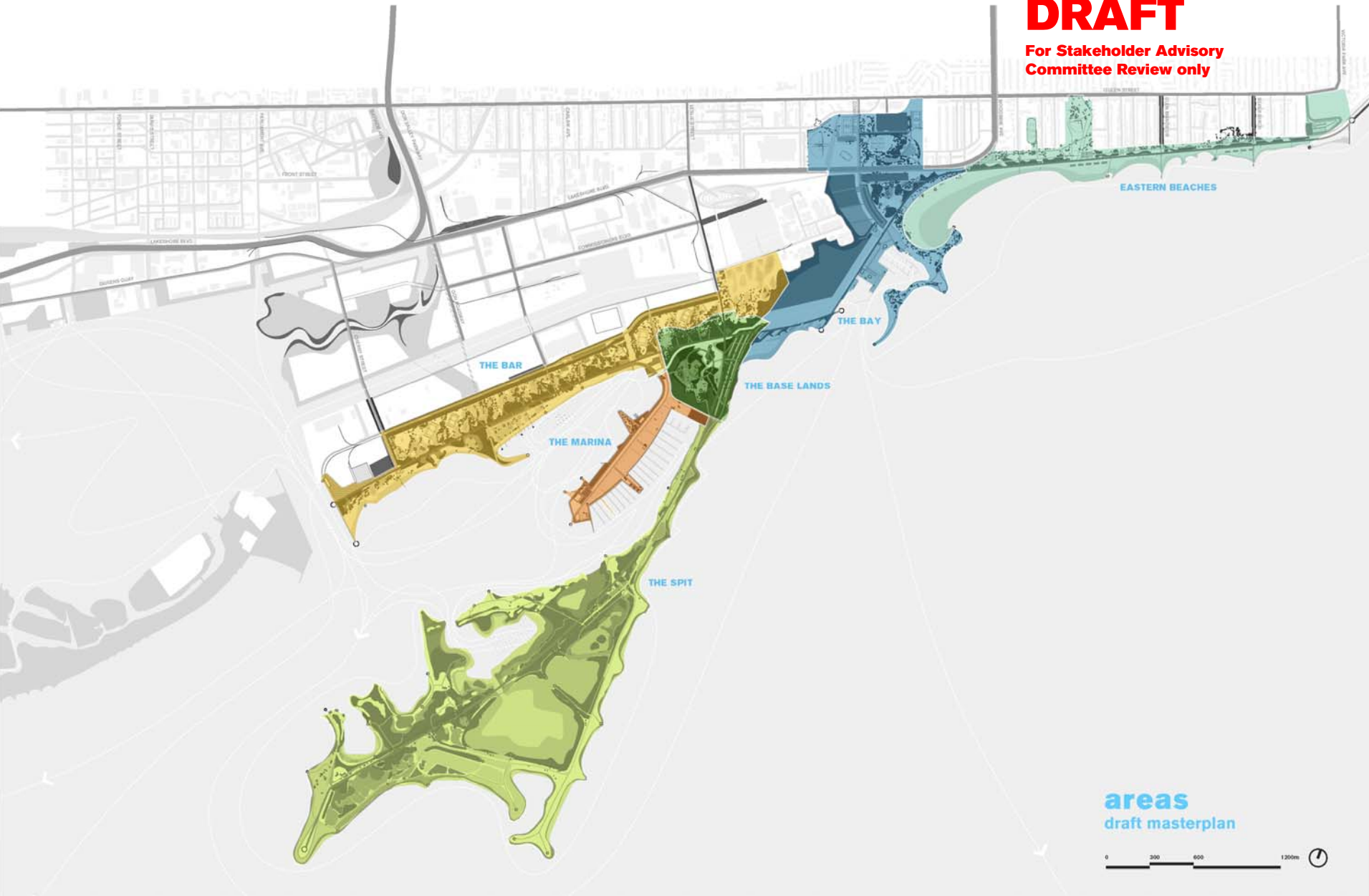
HABITAT



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areas
draft masterplan



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Base Lands

- **Cultivate high natural value and high level of biodiversity**
- **Potential for interior habitats that complement edge habitats of TTP**
- **Habitat, and public experience of it, are more important than protection of existing plants (first and second successional growth)**
- **Altering initial conditions for succession: Simulating native soils and hydrology to promote emergence of diverse native species, particularly wetland**
- **provide an opportunity for experiencing a range of habitats without committing to a trip out on the spit**
- **Programming:**
 - trails and boardwalks to and through the Base Lands,**
 - education and exploration—adventure centre**
 - channel for kayaks and canoes**

Base Lands

Accessible natural area centered around diverse swamp forest and marsh

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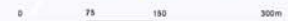
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- 1 CHANNEL INLET
- 2 CHANNEL
- 3 BOARDWALK
- 4 RIDGE & TROUGH FOREST
- 5 MARSH & OPEN WATER
- 6 UPLAND FOREST
- 7 SWAMP FOREST
- 8 TOMMY THOMPSON PARK GATEWAY
- 9 ADVENTURE CENTRE

- PRIMARY PEDESTRIAN PATHS:
- SECONDARY PEDESTRIAN PAT
- BOARDWALK / PROMENADE
- MIXED-USE TRAIL
- VEHICULAR

THE BASE LANDS
draft masterplan



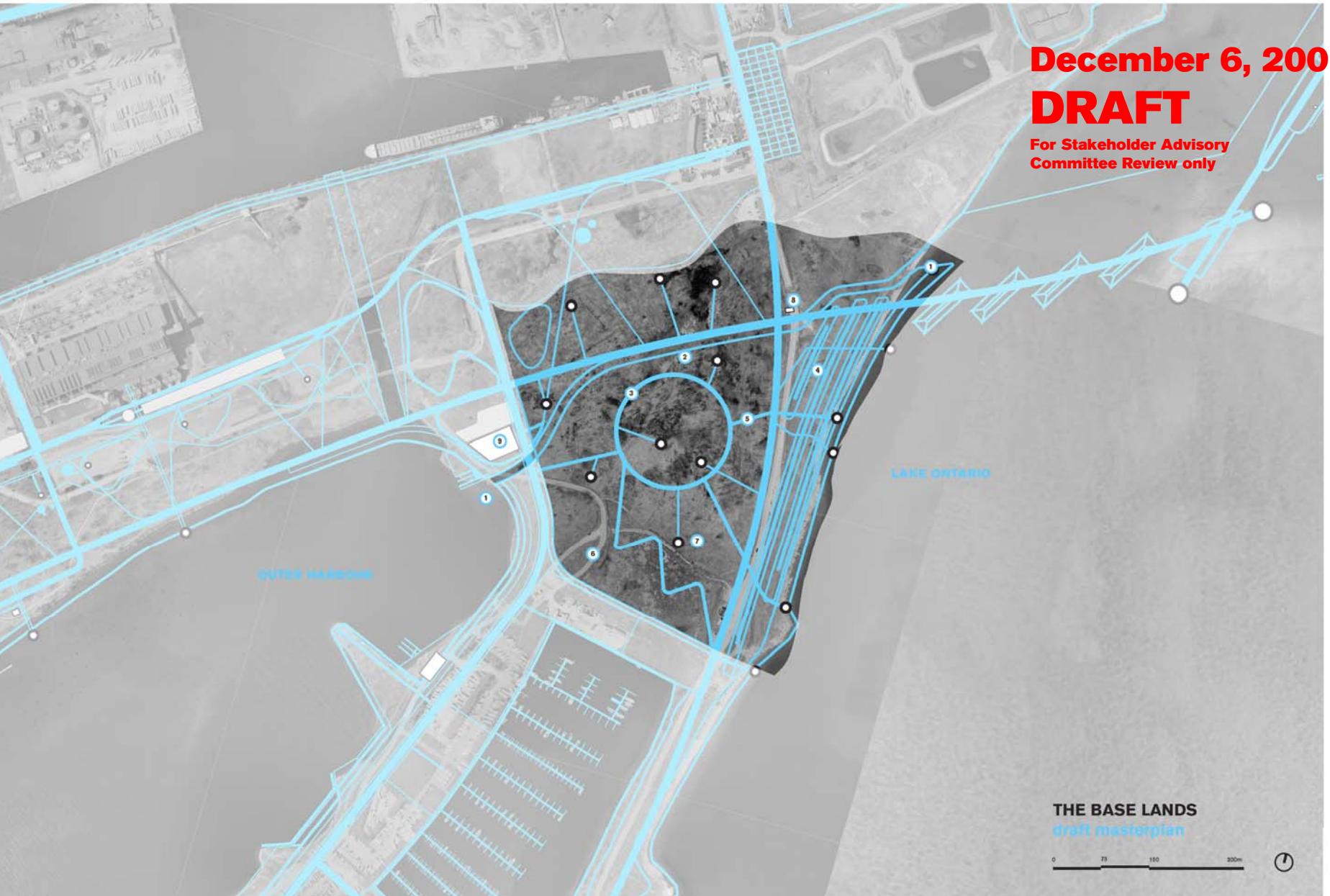
Base Lands

Accessible natural area centered around diverse swamp forest and marsh

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the base lands

environmentally significant area (ESA) limit and recreation sites

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OUTER HARBOUR

LAKE ONTARIO

THE BASE LANDS ESA
draft masterplan

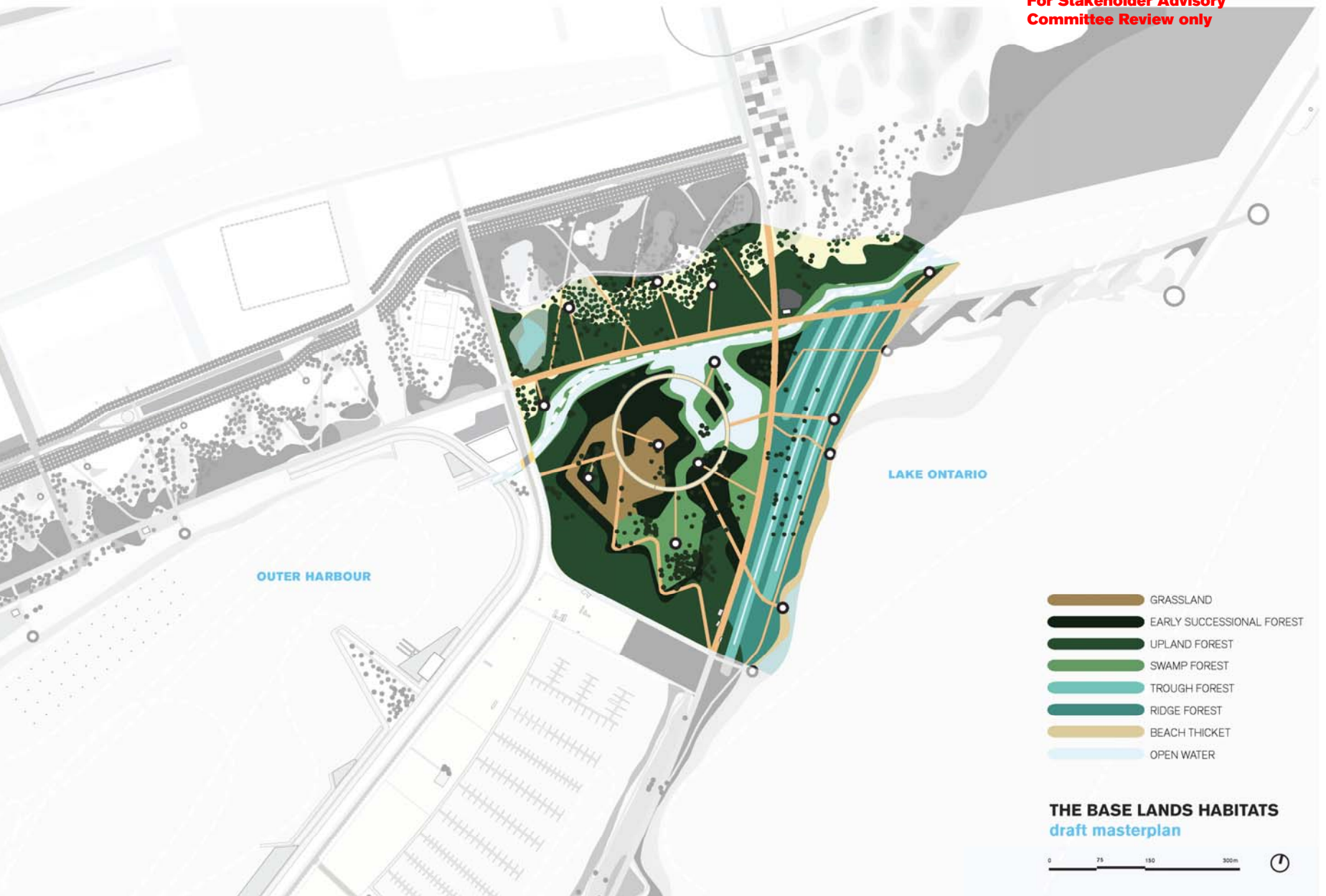


Base Lands Habitats

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THE BASE LANDS HABITATS
draft masterplan



GRASSLAND

- little bluestem *Schizachyrium scoparium*
- switch grass *Panicum virgatum*
- indian grass *Sorghastrum nutans*
- goldenrods *Solidago* spp.
- asters *Aster* spp.
- common milkweed *Asclepias syriaca*
- wild columbine *Aquilegia canadensis*
- black-eyed susan *Rudbeckia hirta*
- ox-eye daisy *Leucanthemum vulgare*
- sedges *Carex* spp.



TROUGH FOREST

- buttonbush *Cephalanthus occidentalis*
- spicebush *Lindera benzoin*
- willow shrubs *Salix* spp.
- winterberry holly *Ilex verticillata*



EARLY SUCCESSIONAL FOREST

- trembling aspen *Populus tremuloides*
- balsam poplar *Populus balsamifera*
- white birch *Betula papyrifera*
- yellow birch *Betula alleghaniensis*
- red maple *Acer rubra*
- silver maple *Acer saccharinum*
- ash *Fraxinus* spp.
- chokecherry *Prunus virginiana*
- sumac *Rhus* spp.
- rock elm *Ulmus thomasii*
- red osier dogwood *Cornus sericea*



RIDGE FOREST

- silver maple *Acer saccharinum*
- red maple *Acer rubrum*
- sycamore *Platanus occidentalis*
- black ash *Fraxinus nigra*
- swamp white oak *Quercus bicolor*
- sycamore *Platanus occidentalis*
- cottonwood *Populus deltoides*
- willow *Salix* spp.
- buttonbush *Cephalanthus occidentalis*
- spicebush *Lindera benzoin*
- burreed *Sparganium* spp.
- st. john's wort *Hypericum perforatum*
- cardinal flower *Lobelia cardinalis*
- marsh marigold *Caltha palustris*



UPLAND FOREST

- red oak *Quercus rubra*
- bur oak *Quercus macrocarpa*
- shagbark hickory *Carya ovata*
- black cherry *Prunus serotina*
- walnut *Juglans nigra*
- sassafras *Sassafras albidum*
- sugar maple *Acer saccharum*
- american beech *Fagus grandifolia*
- hemlock *Tsuga canadensis*
- white pine *Pinus strobus*



BEACH THICKET

- willow shrubs *Salix* spp.
- red osier dogwood *Cornus sericea*
- field horsetail *Equisetum arvense*
- balsam poplar *Populus balsamifera*
- juniper *Juniperus* spp.



SWAMP FOREST

- silver maple *Acer saccharinum*
- red maple *Acer rubrum*
- sycamore *Platanus occidentalis*
- black ash *Fraxinus nigra*
- swamp white oak *Quercus bicolor*
- willow *Salix* spp.
- buttonbush *Cephalanthus occidentalis*
- spicebush *Lindera benzoin*
- burreed *Sparganium* spp.
- st. john's wort *Hypericum perforatum*
- cardinal flower *Lobelia cardinalis*
- marsh marigold *Caltha palustris*



OPEN WATER

- yellow water-lily *Nuphar lutea*
- fragrant water-lily *Nymphaea odorata*
- pickerelweed *Pontederia cordata*
- water smartweed *Polygonum amphibium*



MAMMALS



BEAVER



COTTONTAIL RABBIT



COYOTE



EASTERN CHIPMUNK



MUSKRAT



OPOSSUM



RED FOX



RED SQUIRREL



SHREW



WHITE - FOOTED MOUSE



SKUNK



RACCOON

FISH



ALEWIFE



BLUNTNOSE MINNOW



BROWN BULLHEAD



COMMON CARP



COMMON SHINER



EMERALD SHINER



GIZZARD SHAD



PUMPKINSEED



RAINBOW SMELT



YELLOW PERCH



ROCK BASS



SPOTTAIL SHINER



WHITE SUCKER

BIRDS



CANADA WARBLER



CASPIAN TERN



COMMON LOON



TREE SWALLOW



GOLDEN - CROWNED KINGLET



RUBY - CROWNED KINGLET



VIRGINIA RAIL



WHITE - THROATED SPARROW



YELLOW - RUMPED WARBLER



YELLOW WARBLER



GREY CATBIRD



RED-EYED VIREO



AMERICAN ROBIN



EASTERN WOOD PEWEE



HERMIT THRUSH



MALLARD DUCK



CANADA GOOSE

REPTILES



NORTHERN WATERSNAKE



NORTHERN RED - BELLIED



DEKAY'S BROWNSNAKE



EASTERN GARTERSNAKE



EASTERN SMOOTH GREEN SNAKE



NORTHERN MAP TURTLE



MIDLAND PAINTED TURTLE



BLANDING'S TURTLE



COMMON SNAPPING TURTLE



AMERICAN TOAD



GREEN FROG



NORTHERN LEOPARD FROG



GRAY TREE FROG

channel concept creates:

- 1) Dynamic water source that enhances mix and vitality of plant communities**
- 2) Threshold to control access to TTP**
- 3) Wetland interpretive route**
- 4) Canoe access from Outer Harbour to Ashbridge's Bay without having to "round the horn"**

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An aerial photograph of a wetland area. A wooden boardwalk with railings winds through the landscape, crossing a narrow waterway. The surrounding area is filled with tall green grasses and various aquatic plants. In the distance, a larger body of water is visible under a cloudy sky.

point pelee national park

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■ wetland interpretive route

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■ winter recreation

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the base lands channel
 conceptual design response to minimum levels of soil contamination

UPLAND FOREST TRANSECT CHANNEL AT UNCONTAMINATED CONDITIONS RIDGE AND TROUGH FOREST



the base lands channel
 conceptual design response to high levels of soil contamination

UPLAND FOREST TRANSECT CHANNEL AT CONTAMINATED CONDITIONS RIDGE AND TROUGH FOREST

-  IMPERVIOUS LINING
-  CLEAN STRUCTURAL SOIL
-  EXISTING SOIL

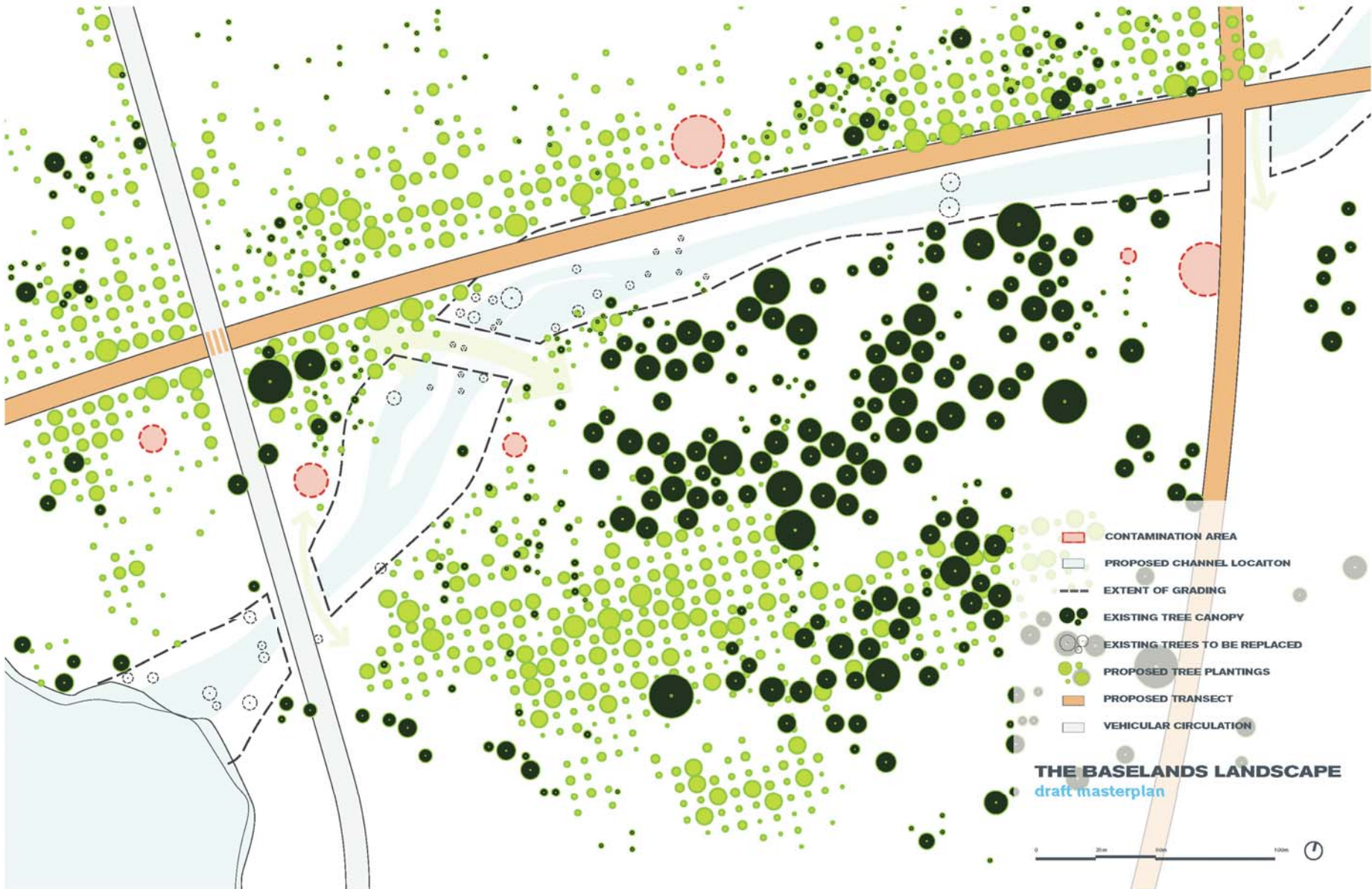
the base lands channel

conceptual design response to minimum levels of soil contamination

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the base lands channel

conceptual design response to high levels of soil contamination

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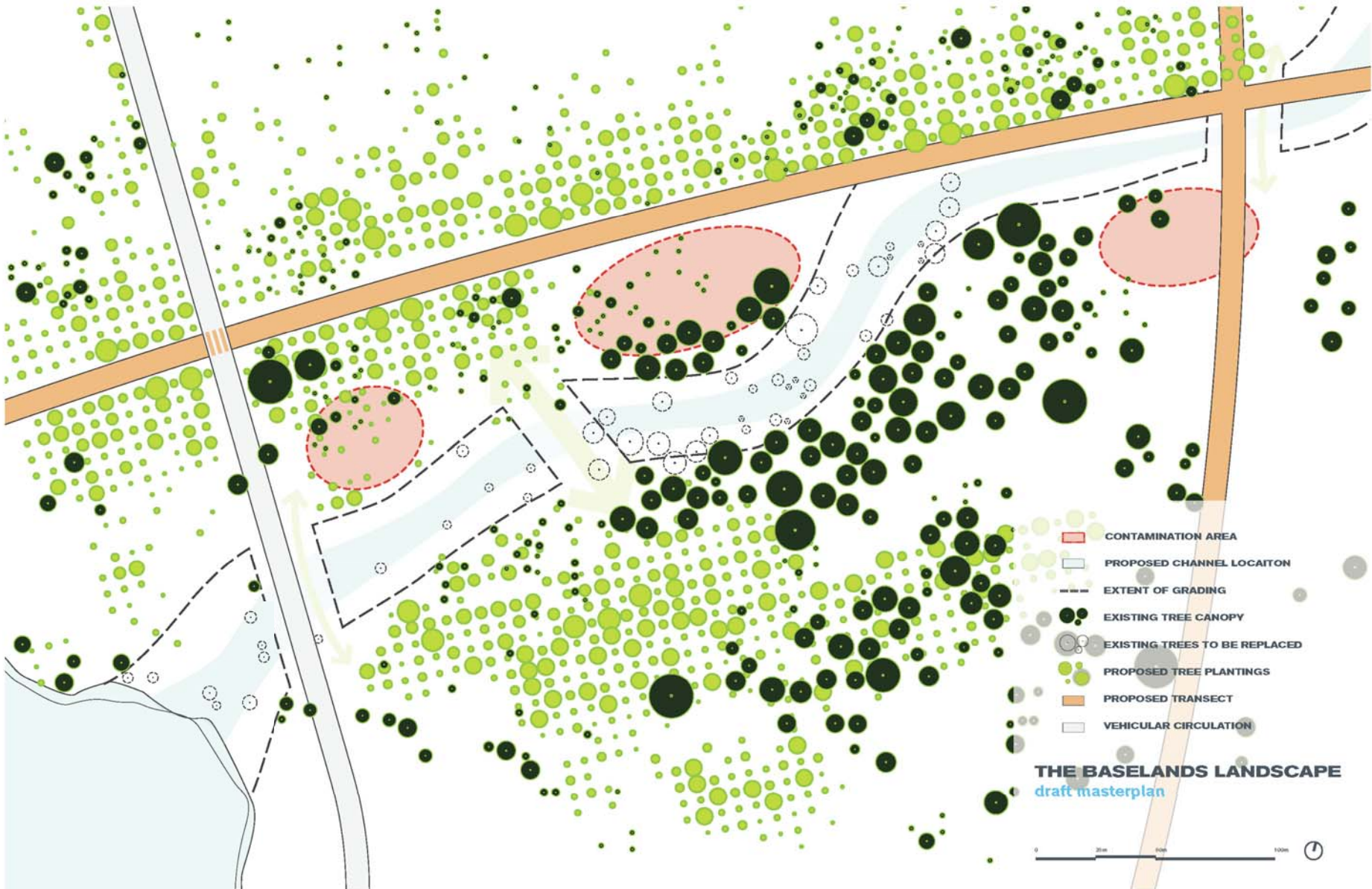
the base lands channel

conceptual design response to isolated soil contamination

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■ winter recreation

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waterfront adventure centre

- **diverse array of education and exploration activities along the water — for park visitors and tourists**
- **small, watercraft rentals and guided day trips**
- **sailing, kayaking, canoeing and fishing**
- **distinctive exhibits, outdoor classrooms, and instruction facilities**
- **outer harbour outlook**

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waterfront adventure centre

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**lake ontario park
will be:**

a regional greenway and green waterfront

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Humber Valley

Don Valley

Lake Ontario Park



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**▪ world class, signature park for
the whole city**



▪ wild landscapes

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▪ **vibrant lakefront**





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- **“big nature,” water sports,
recreation and culture**

