INCREASE SIGNIFICANTLY BIODIVERSITY, WITH THE PRESERVATION OF SIGNIFICANT EXISTING TREES, THE INTRODUCTION OF LOCAL ECOLOGY THAT ENCOURAGES REPOPULATION OF NATIVE WILDLIFE AND HEALTHY ECOSYSTEMS AND CONNECT THE SITE WITH OTHER MONTRÉAL GREEN SPACES AS PART OF THE GREEN RIGHT OF WAY MOVEMENT.

- Optimal diversity achieved
- Includes water, wetland, herbaceous and forested habitats
- Biodiversity improves ecological health and resilience

Overall complex root system provides good soil stability
- and improves surface water retention on site
- Replanting of new trees in order to replace dying/sick existing ones
- and improve species diversity

Colonisation by critters attracts predators

Consolidation – year 5 to 25
CREATE A SIGNIFICANT PUBLIC PARK WITH VARIED PUBLIC AND PRIVATE LANDSCAPES ON MORE THAN 50% OF THE LAND, WHERE HABITAT PROTECTION, OUTDOOR RECREATION AND COMMUNITY AGRICULTURE CO-EXIST;
CREATE A SIGNIFICANT PUBLIC PARK WITH VARIED PUBLIC AND PRIVATE LANDSCAPES ON MORE THAN 50 % OF THE LAND, WHERE HABITAT PROTECTION, OUTDOOR RECREATION AND COMMUNITY AGRICULTURE CO-EXIST;
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REVIVE THE NEGLECTED, HISTORICAL PETIT SAINT-PIERRE RIVER INTO A VIBRANT WETLAND.
INTRODUCE A CONSTRUCTED WETLAND TO HOLD ONTO ALL STORM WATER, RAINWATER AND GREY WATER, WHILE SIGNIFICANTLY REDUCING THE NEED FOR POTABLE WATER
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Shared Space Design
INCORPORATE SHARED SPACE DESIGN, WHERE PEDESTRIANS AND CYCLISTS ARE FAVORED OVER CARS

Structuring elements: Natural Features & the Community Axis
CREATE SYNERGIES WITH THE DORMANT INDUSTRIAL SECTOR TO THE SOUTH, TO GREATLY REDUCE THE CARBON FOOTPRINT OF THE NEW COMMUNITY.
NECESSARY INGREDIENTS: PARTNERING WITH THE CITY AND OTHER AGENCIES

Current city-wide infrastructure improvement and individual private market development, are not organized to directly reinforce each other. The making of public spaces such as the magical historical public spaces of Europe, and its resultant social cohesion, is the result of public/private partnership, where the responsibility of ensuring a sustainable equilibrium (on-site stability) is shared between and appropriated by all parties.

(SalvadorRueda)

Stretching current practice heavily depends on transforming how communities partner with their developers, where ethical city building & profitable regeneration must co-exist.