

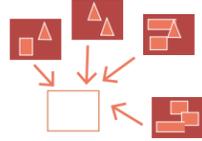
# sens-in situ

## substrates for spontaneity

**Sens-in situ** proposes to engage dismantled gardens as its starting point. Considering the root of the word Sensitivity, *sens-* from the Latin *sentire* “to feel, to perceive”, this proposal makes use of the materials we discard as the world around us is rebuilt. The design assembles materials from previous years *in situ* - “in place”. Used in novel combinations, **sens-in situ** proposes a flexible framework that extends the lives of organic and inorganic materials, acting as substrates for spontaneous vegetation. Setting dynamic processes in motion, “substrates for spontaneity” explores

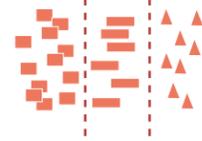
the sensitivity of a range of plant species to novel growing mediums, and invites visitors to observe material and plant lifecycles. **Sens-in situ** sets forth a multi-year design experiment that centers a reuse of materials, successional processes and embraces uncertainty. This project embraces the concern for material re-use and waste set forth by the competition, using it as provocation and critique for design. **Sens-in situ** literally and figuratively centres the dismantled garden materials, where the end of previous projects nurtures the beginning of another.

### design strategies



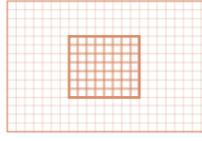
**01 Collect**

What materials have been used by Jardin Metis installations previously? What plants have been used extensively? Which installations will be dismantled?



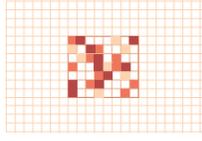
**02 Sort**

What is the quantity and quality of materials? Which can be reclaimed and repurposed into novel configurations? Which lend themselves to certain kinds of reuse?



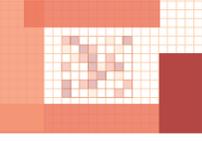
**03 Grid**

How are the materials arranged on site? An elevated grid in the centre reuses previous grid scaffolds rearranged as material bins within a site-wide grid pattern. The grid extends across the site to structure circulation, seating, and intentional planting



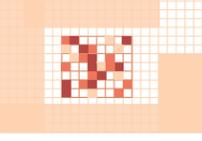
**04 Fill**

The centre grid is filled with novel substrates of a diversity of reclaimed materials. The specific quantity and type of materials will reflect which installations are slated for dismantling. It is on this surface from which spontaneous vegetation will grow over the lifetime of the exhibition.



**05 Plant**

Vegetation from dismantled gardens will be collected, propagated, and planted within the grid framework. Each grid cell will be planted with one species.\* The repurposed growing media in the centre is left for spontaneous vegetation to take hold based on species preferences and sensitivity.



**06 Observe**

Over time the reused plant material grows and the grid boundaries, once precise, begin to blur. The centre grid holds the reclaimed materials which are set forth as novel substrates to support the successional growth of spontaneous plant assemblages.

### plants from previous gardens\*

- PERENNIALS**  
*Anemone canadensis* (Canada Anemone)  
*Aquilegia canadensis* (Canadian Columbine)  
*Baptisia australis* (Blue False Indigo)  
*Carex stricta* (Tussock Sedge)  
*Centaurea cyanus* (Cornflower)  
*Clethra alnifolia* (Summersweet)  
*Cosmos bipinnatus* (Garden Cosmos)  
*Cosmos sulphureus* (Sulfur Cosmos)  
*Deschampsia cespitosa* (Tufted Hairgrass)  
*Desmodium canadense* (Showy Tick Trefoil)  
*Echinacea purpurea* (Purple Coneflower)  
*Elymus canadensis* (Canada Wild Rye)  
*Eschscholzia californica* (California Poppy)  
*Eutrochium purpureum* (Joe-Pye Weed)  
*Galium boreale* (Northern Bedstraw)  
*Geum canadense* (White Avens)  
*Helianthus debilis* (Beach Sunflower)  
*Iris versicolor* (Blue Flag Iris)  
*Koeleria macrantha* (June Grass)  
*Leucanthemum vulgare* (Oxeye daisy)  
*Lobelia cardinalis* (Cardinal Flower)  
*Lupinus polyphyllus* (Bigleaf Lupine)  
*Matteuccia struthiopteris* (Ostrich Fern)  
*Myosotis sylvatica* (Woodland forget-me-not)  
*Rudbeckia hirta* (Black-eyed Susan)  
*Sporobolus heterolepis* (Prairie Dropseed)  
*Trifolium repens* (White Clover)  
*Veronicastrum virginicum* (Culver's Root)

- TREES**  
*Acer spicatum* (Mountain Maple)  
*Betula papyrifera* (Paper Birch)  
*Fraxinus pennsylvanica* (Green Ash)  
*Populus tremuloides* (Trembling Aspen)

\*Additional planting materials outlined in this list, and as appropriate, will be grown as needed to fill out the planted grid.



1:100 

### 01 COLLECT



RUE LIEREMAN

FORTRESS

LAST LITTLE PIG

EIGHT HILLS

BACK/GROUND

MESH

YOU SHALL NOT PASS

FORÊT FINIE

SUPER STRATA

NATURAL COLOUR

VEIL GARDEN

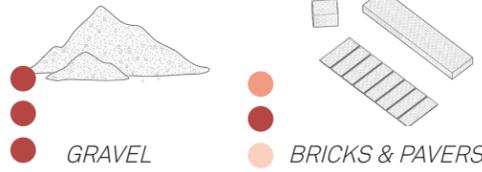
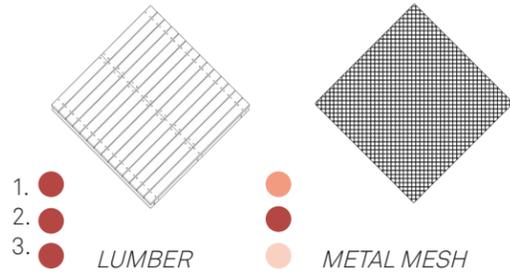
### Potential Gardens for Dismantling\*

\*Exact gardens and materials to be determined.

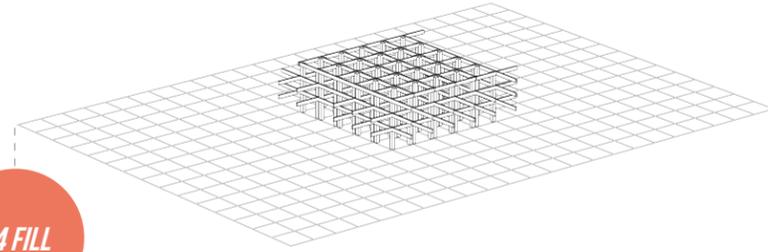
02 SORT

Our design approach gathers together an eclectic inventory of objects and their material realities, bringing the material decay and reuse possibilities of past exhibition materials into conversation with the annual and perennial renewal of planted materials - both purposefully and spontaneously growing on site.

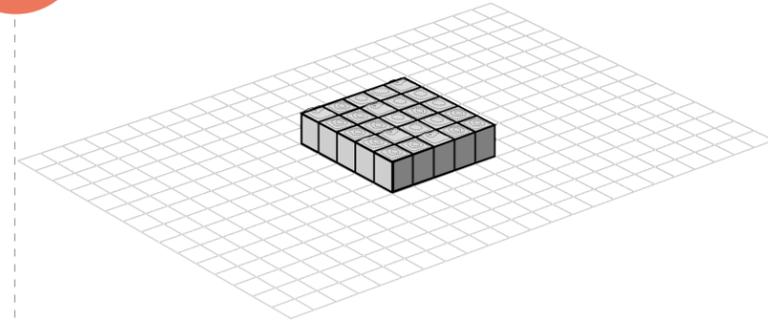
- 1. Labour
  - 2. Lifespan
  - 3. Abundance
- Low → High



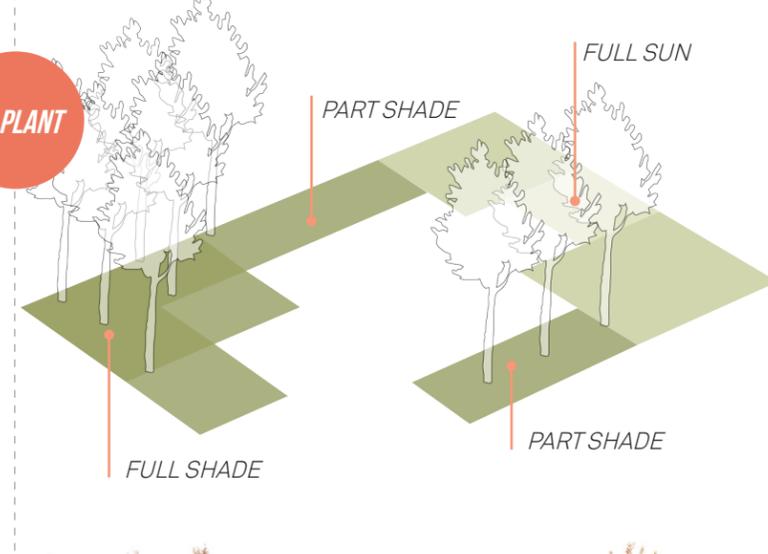
03 GRID



04 FILL



05 PLANT



The design aims to make visible the often unseen long-term processes associated with different degrees of material decay and spontaneous plant succession in novel growing mediums.

06 OBSERVE

