



10C Rooftop & Patio Garden Pilot

May through November, 2017

Ontario  
Trillium  
Foundation



Fondation  
Trillium  
de l'Ontario

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## **10C Rooftop & Patio Pilot**

**May through November, 2017**

**Activators: Bryan McPherson, Julia Grady, Joy Sammy, 10C staff & volunteers**

Our 10C pilot was originally intended to take place on the rooftop of 2017. However, due to liability concerns from construction and limited access to the rooftop we were forced to re-evaluate and come up with a new solution – and we did. The pilot intended for the rooftop was moved to our front entrance and patio space. This constraint led to an opportunity, as everyone that enters the 10C building saw our urban agriculture initiative. 10C volunteers and staff were frequently asked questions about our DIY self-watering planters, and about our urban agriculture initiative. The self-watering containers came from open source designs and were modified to suit the needs of our space, and put on casters to allow for transport to the rooftop when access is no longer a concern. The containers were constructed at Diyode, a community workbench coop located in Guelph. The self-watering containers limit the need for watering as a water reservoir and wicking basket aids in watering the roots of the plants.

Our aim is to move this garden infrastructure to the rooftop but also keep a couple of the containers indoors for visitors to ask questions about the initiative. A canvas hoop-house structure with sunlight mimicking lights has been built for 2 of the containers to provide year round production of salad greens. Our first harvest was a salad bowl for the University design charrette. Other plants grown at the 10C pilot include: basil, beets, curly mustard, mizuna, arugula, lettuce, swiss chard, spinach, rosemary, thai lemon grass, parsley and crawling thyme.

Outcomes: 10C patio and interior garden, 4 portable self-watering containers with 2 80-litre totes each, a converted kitchen tub herb planter, design solutions for self-watering containers

10 Carden

Eric the Baker



# 10 Carden 2017 Patio & Planter Box Plan

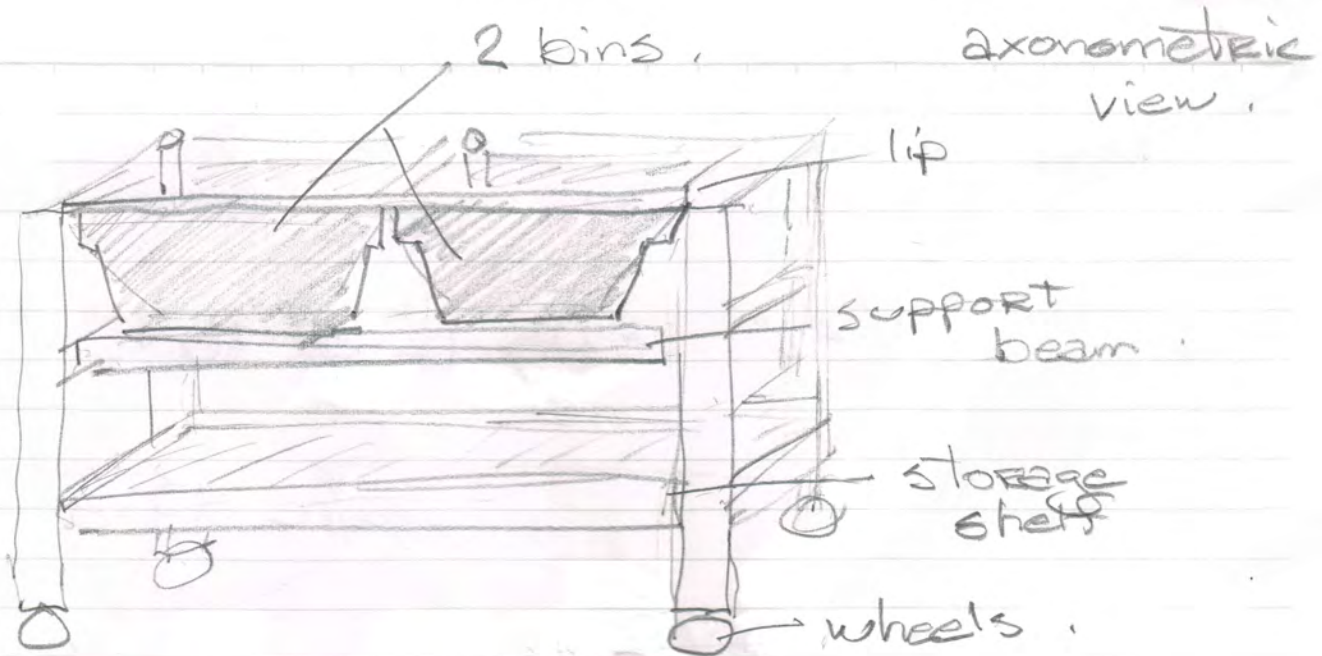


All planter measurements are for height.







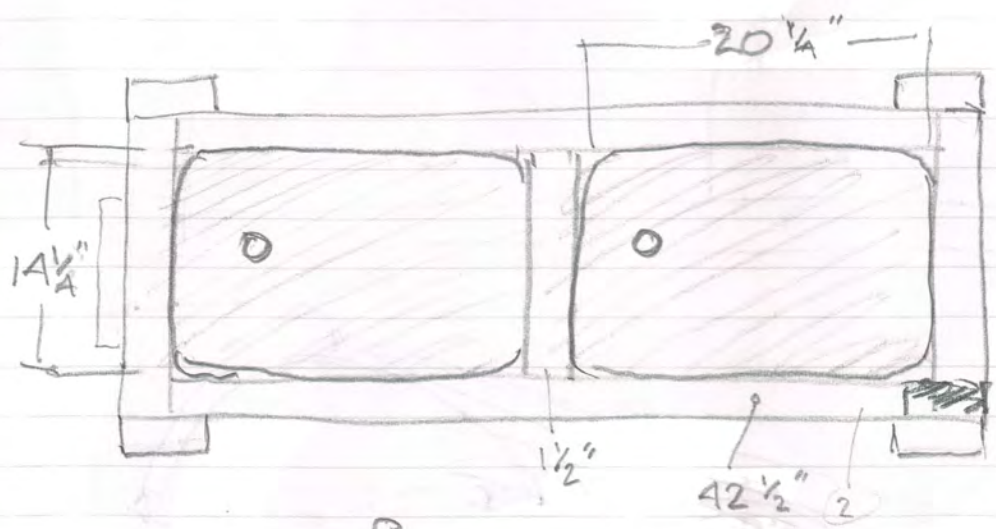


Height of legs, casters.

4 @  $36 - 3" = 33"$  standing  
 4 " " "  $- 4 = 29"$

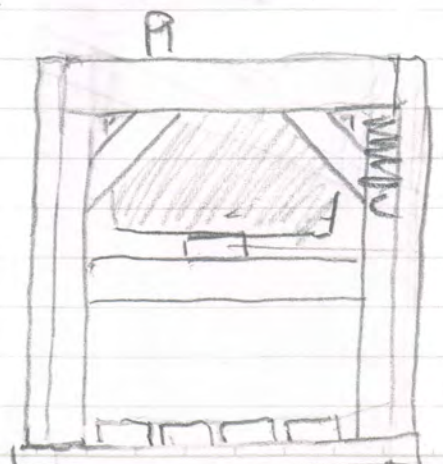
4 @  $29 - 3" = 26"$  sitting (wheelchair access)  
 4 " " "  $- 4 = 22"$

casters.



top view.

long pieces  
 $20 \frac{1}{4} \times 2 = 40 \frac{1}{2}"$   
 $+ 1 \frac{1}{2}"$   
 $= 42 \frac{1}{2}"$   
 $\times 7$



short  
 $14 \frac{1}{4}"$   
 $+ 1 \frac{1}{2}"$   
 $+ 1 \frac{1}{2}"$   
 $= 17 \frac{1}{4}"$   
 $\times 2$