

HIVE

Dreamscape

Snuggled up in bed under layers of blankets, just the top of our heads exposed to the chill winter night air, we close our eyes to sleep. The winter dreamscape envelops us while images and emotions cascade over us. We get lost in a cavalcade of momentary experiences as we follow our dreams through the night.

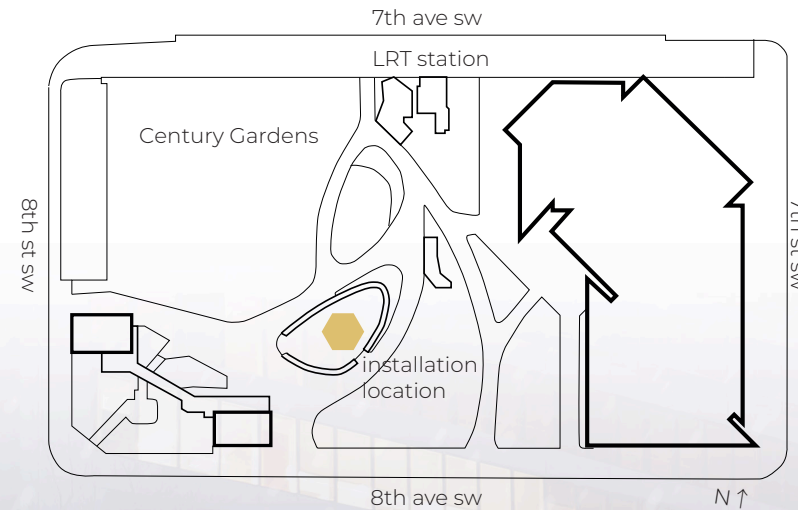
Our thoughts flit from dream to dream, settling for only a brief moment on each. We dream of sweetness, we dream of colours, we dream of endless summer fields awash in flowers. We gather beauty, moving languidly through our unconscious, crystalizing colours and impressions.

As we gently awaken, snuggled beneath the covers, the fading memories of stained-

glass apiaries linger in our thoughts. The Hive nightlight glows, a beacon, a promise, pulling us back to dream again of summer's placid days.

The nightlight's glowing flow of images intrigues us, inviting us closer with warm hues. The shifting colours, flickering during the day, are more vibrant after the sun sets. Drawing closer to the nightlight we are amazed; our dreamscape images undulate across the walls, inviting us back to the warmth-filled dream world. Once within, our dreams surround us, fluctuating dreamscapes both vivid and distorted, clear and refracted.

We gather close, and dream of warmer days.



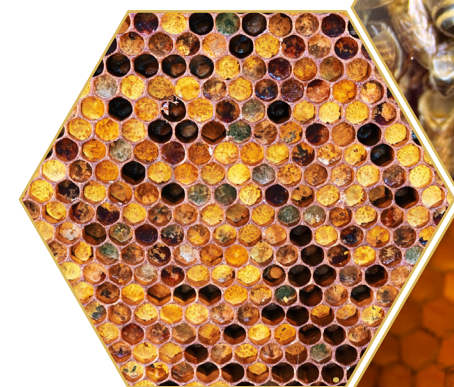
Proposed Location

Century Gardens buzzes with commuters crossing through the park day and night. The Hive installation will encourage these busy bees to pause, stop and reflect before continuing with their busy lives.

Placed in the central fountain, the installation will activate a winter use for this area of the park. The existing seating will provide opportunities to view the installation from different vantage points and support longer visit times with the Hive. The installation will be off primary desire lines so will not interfere with pedestrian paths of travel, yet will be close enough to be noticeable to pedestrians crossing the park. Placed on concrete surfacing allows for barrier free access with snow clearing around the installation. The installation will be visible from the C-train and 8th Avenue for the enjoyment of those who pass by in a vehicle or on the train.

Inspiration

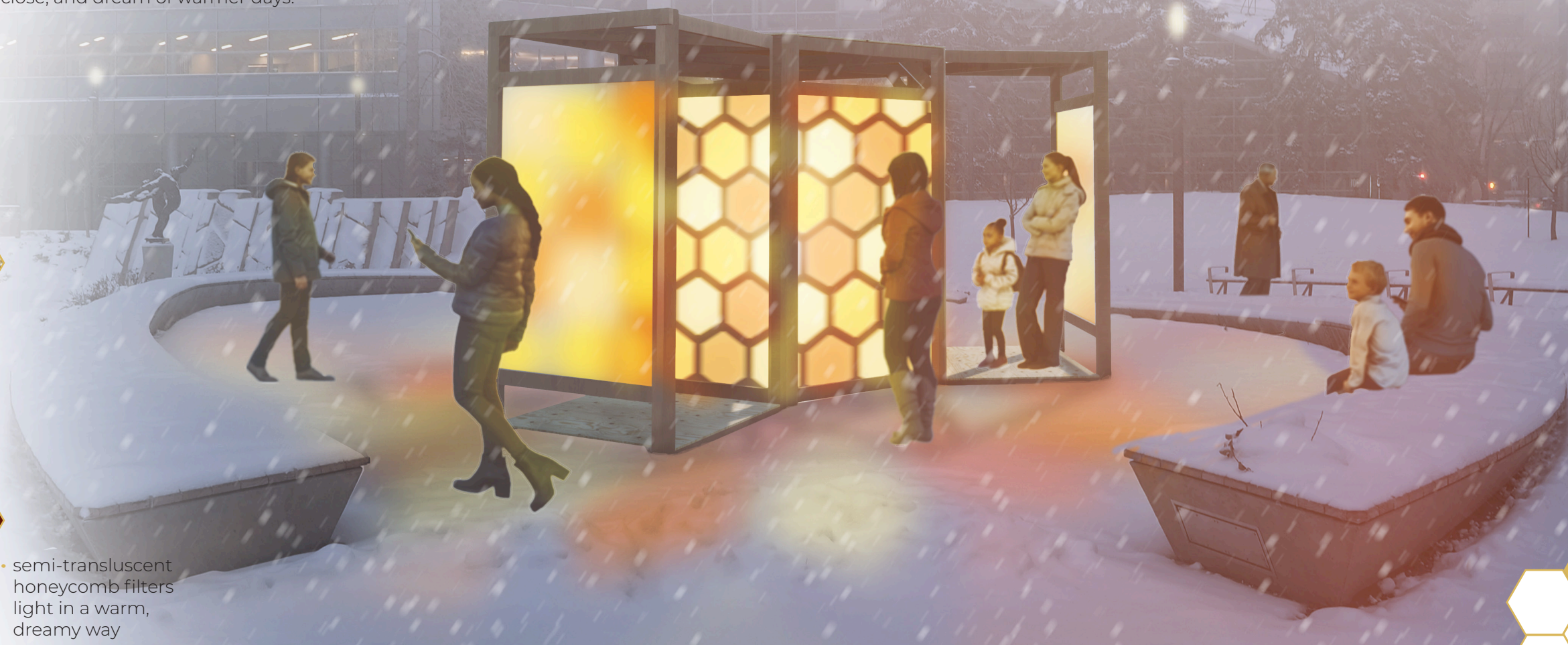
in winter, these social insects gather together within the hive to keep warm



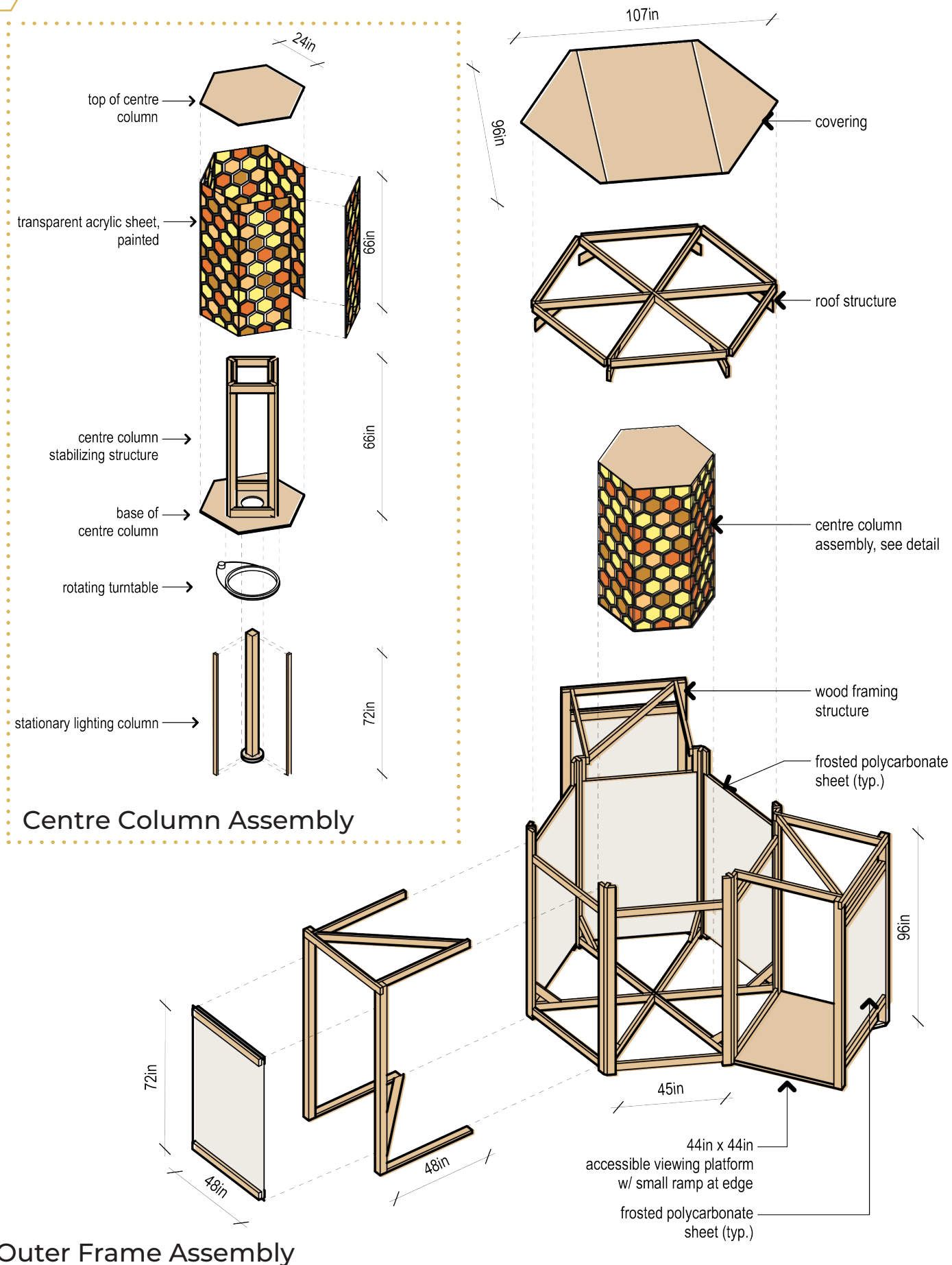
when filled with honey made from different pollens, the hive's cells resemble a stained-glass window



semi-translucent honeycomb filters light in a warm, dreamy way



CONSTRUCTION



Sustainability

The Hive has been sized to maximize lumber use and reduce waste materials. Cut ends will be used to provide additional supports to the structure. After decommissioning, the project team will salvage materials to be used again privately, eliminating materials from entering the landfill.

Assembly

The Hive is constructed of pressure treated lumber, and the hexagonal frame supports frosted polycarbonate walls. Winged archways provide additional support to the structure and allow visitors to enter for an immersive visual and audio experience. The centre column assembly, secured on a motorized turntable, rotates around a stationary central post supporting the lights. As the light shines through the painted acrylic, a stained-glass apiary is created on the frosted polycarbonate panels. The light is then diffused and the image abstracted on the adjacent walls and snow.

The Hive will emit soft buzzing sounds through an exterior speaker. Both the light and sound elements will be controlled with timer switches. The internal structure will be accessible for maintenance via a lockable hinged panel.

Costing

ITEM	QTY.	UNIT	UNIT COST	TOTAL COST*
structure frame				
4x4x8 pressure treated lumber	6	each	\$ 18.00	\$ 113.40
2x4x12 pressure treated lumber	9	each	\$ 15.00	\$ 141.75
2x4x8 pressure treated lumber	44	each	\$ 10.00	\$ 462.00
0.5" pressure treated plywood 4x8 sheet	6	each	\$ 72.00	\$ 453.60
wood framing screws - 3.5" 1 box (500 pcs.)	1	each	\$ 60.00	\$ 63.00
wood framing screws - 2" 1 box (500 pcs.)	1	each	\$ 99.00	\$ 103.95
gate hinges	2	each	\$ 9.00	\$ 18.90
padlock and bracket	1	each	\$ 29.00	\$ 30.45
anti-slip tape roll 60'	1	each	\$ 45.00	\$ 47.25
labour to construct frame				donated time by project team
rotating inner lighting element				
frosted polycarbonate sheet (1/8"x8'x4')	9	each	\$ 68.00	\$ 642.60
acrylic panels (1/4"x8'x4')	7	each	\$ 333.00	\$ 2,447.55
4x4x8 pressure treated lumber	1	each	\$ 18.00	\$ 18.90
2x4x8 pressure treated lumber	6	each	\$ 10.00	\$ 63.00
0.5" pressure treated plywood 4x8 sheet	2	each	\$ 72.00	\$ 151.20
alcohol ink paint (60oz)	30	each	\$ 20.00	\$ 630.00
paulin #10 1-1/2" hex head screw (zinc plated) 100pcs	1	each	\$ 19.00	\$ 19.95
internal lights				donated by project team
outdoor timer switch	2	each	\$ 48.00	\$ 100.80
motor to spin the centre column	1	each	\$ 3,000.00	\$ 3,150.00
100 ft. heavy duty electrical cords	2	each	\$ 85.00	\$ 178.50
labour to construct lighting element				donated time by project team
auditory element				
outdoor speaker and weatherproof cover	1	each	\$ 500.00	\$ 525.00
iPod				donated by project team
installation				
transport to and from site -uhaul truck rental	2	each	\$ 80.00	\$ 168.00
commissioning & decommissioning	2	each	\$ 500.00	\$ 1,050.00
labour commissioning & decommissioning				donated time by project team
insurance				
commercial general liability insurance \$2 million				\$ 2,000.00
			Subtotal	\$ 12,579.80
			Contingency	\$ 1,420.20
			Grand Total	\$ 14,000.00

contingency to account for any unforeseen construction costs, vandalism or damage from weather that may occur

*GST added to total cost where applicable

