

AGRIVALE

a phantasmagorical project for a small town

By
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A thesis submitted to the Faculty of Graduate and Postdoctoral Affairs
in partial fulfillment of the requirements for the degree of

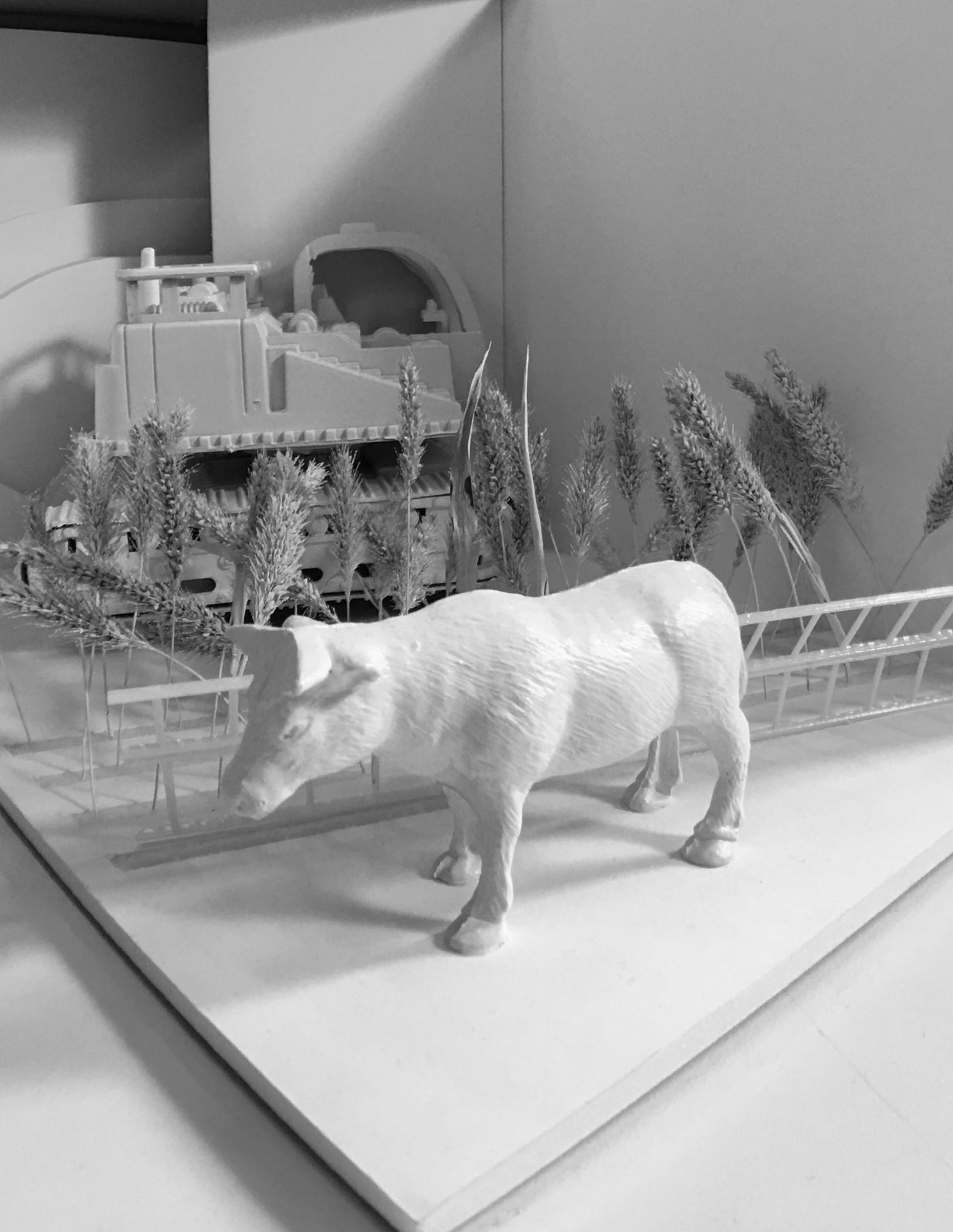
Master of Architecture
M.ARCH (Professional)

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Carleton University, Ottawa, Canada

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◦ AGRIVALE ◦





ABSTRACT

Since the advent of mass production, fast food has become a staple in modern society. Our lifestyles are sustained by the convenience of ready-made products, to-go cups and take-out containers. Have we lost the connection to the food we eat?

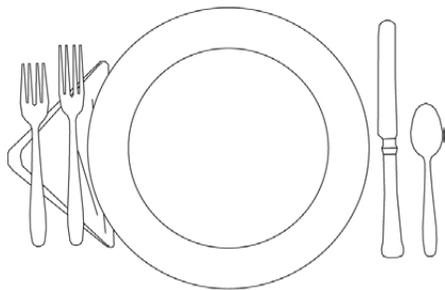
This thesis proposes a fictional future in the small town of Keswick, in Georgina, Ontario. It addresses growing concerns surrounding food resources and arable land. Agrivale is the story of transition to a self-sustainable town; a speculative proposal that explores food as festivity, celebrating the seasons of growing, and the architecture of enjoyment. Exaggerating stereotypical aspects of the small town, Agrivale re-tells the story of land and river through the seasons, focusing on local food through growth, production, packaging, sales, and consumption. This thesis asks how the intervention of an Agri-carnival can develop a renewed consciousness towards farmland and bring awareness to emerging local agriculture while providing socially interactive and playful architecture.

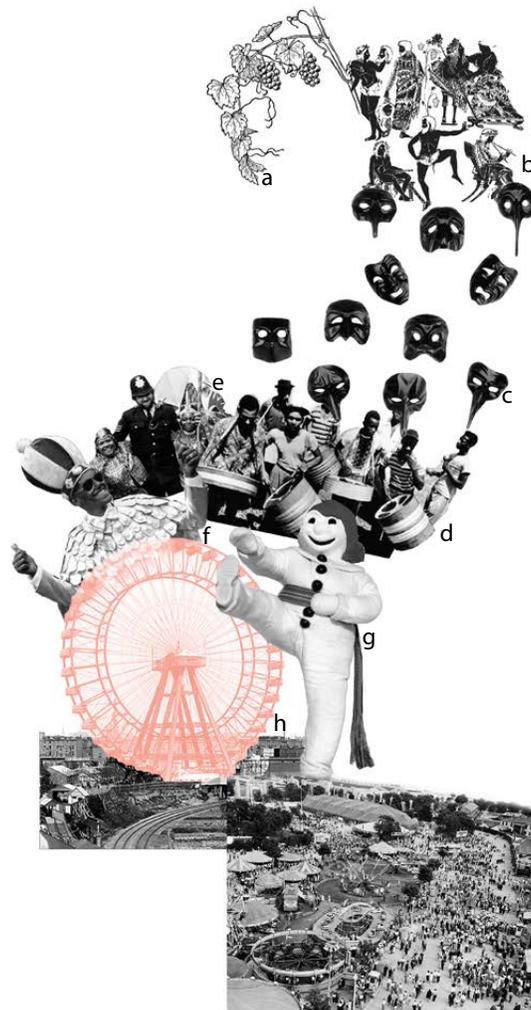
ACKNOWLEDGMENTS

I would like to thank Yvan Cazabon for his guidance and encouragement throughout this project.

To my family, thank you for allowing me to realize my potential and always supporting me throughout my academic career.

I would also like to thank my friends who have continuously supported me throughout the architecture program and Anne Camille Baello for her enthusiasm and sincere friendship since day one.





- a,b During the Greek and Roman empires, people would celebrate the grape harvest and the god of wine, Dionysus.
- c Venice Carnival began in the 11th Century with 2 months of revelry celebration. It fell into decline in the 18th Century and was revived as an "open air" festival in 1979. Masks were worn to hide identity and civil status, allowing any and all behaviour.
- d Influence of African steel drums and calypso music was brought to Trinidad and Tobago
- e, f The end of slavery brought forth a celebration for all - the Rio Carnival became an outlet for former slaves banned from participating in past festivals to celebrate. Parades with costumes critiqued and mocked government individuals and society.
- g Carnival in Canada is introduced in the winter months to "warm hearts". Bonhomme is created as a mascot.
- h The Ferris Wheel is erected at the 1893 World's Columbian Exposition in Chicago. It was inspired by one of William Somers' fifty-foot wooden wheels located at Asbury Park, New Jersey; Atlantic City, New Jersey; and Coney Island, New York.
- i Carnival's in North America showcase midway rides and new and interesting food concoctions

“
Carnival is
a spectacle
without stage,
without polarization
of its participants
into actor and
audience.
”

Mikhail Bakhtin

CONTENTS

Abstract	iv
Acknowledgments	v
Fields	10
A Pictorial Essay	16
Preface	22
The Community	30
Highway	45
Marble Forest	78
Facade Farm	89
Emporium / Marina	100
Observatory / Meet & Meat Market	111
Pier	122
Appendix	134
List of Figures	155
Bibliography	158

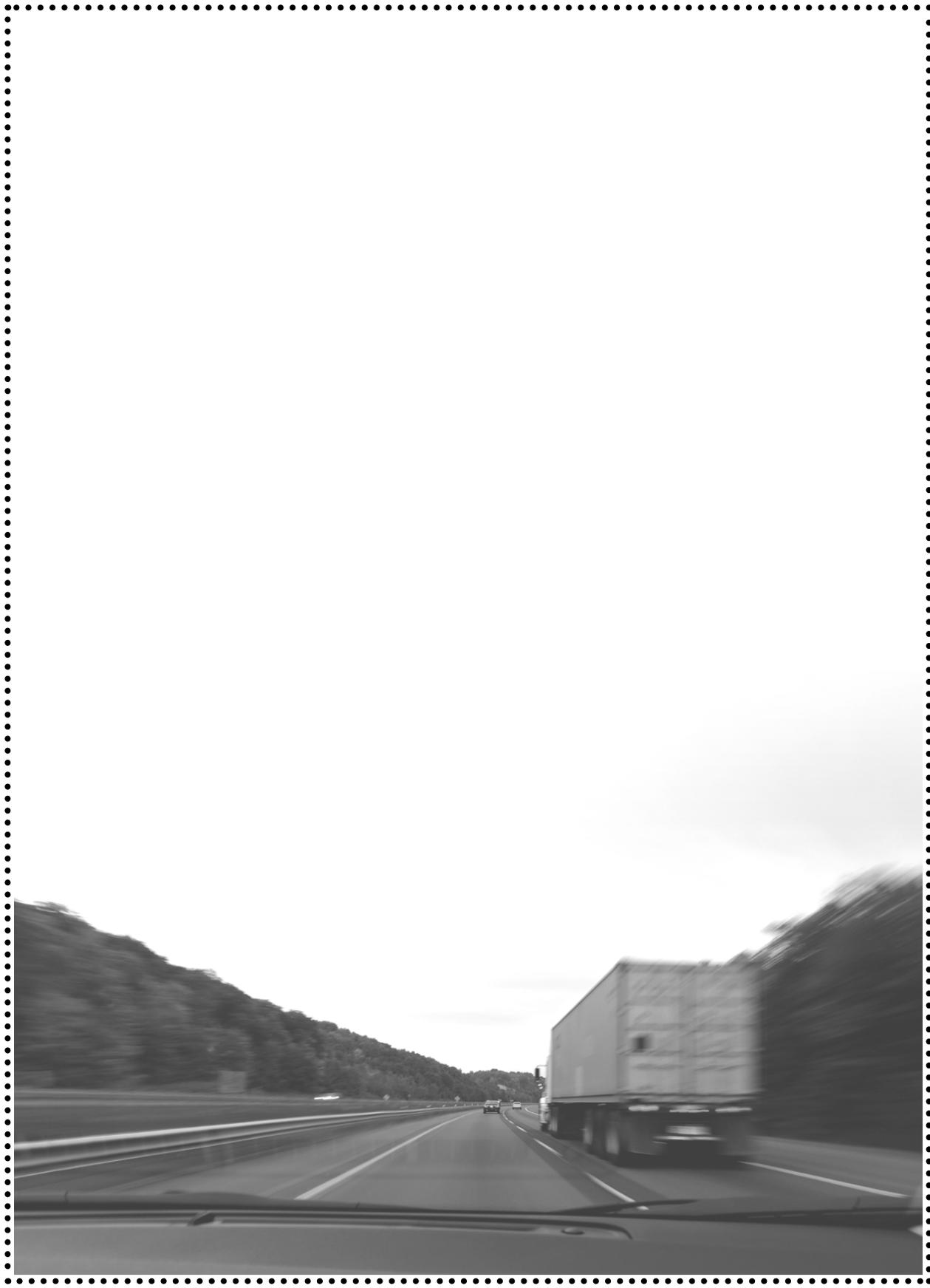


Moving from Highway to Lake and Establishing a New Center

FIELDS

It's the
constant humming
of the highway
that pulls you into a haze.
Just a few more hours,
you'll get home today.

That small town you left,
awaits your return.
Time is certainly changing,
go see what she has learned...



The Blur of the 21st Century

The fields
you once
played in
grow lush no more.
Corporations are taking over.
It looks like a local war.

This small town you ran from,
is in need of a hand.
It's time to make some changes,
And protect its fertile land.

- Macy LaPorte



Slow and Easy Life

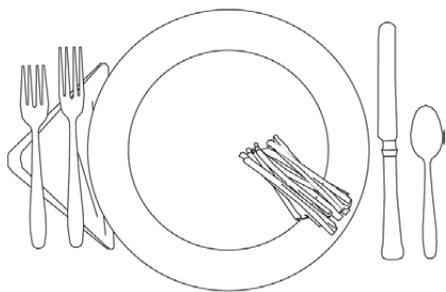
ENDNOTES FOR SECTION

a-f Macaulay Eportfolio Community, "The History of Carnival," The Peopling of New York Final Project. April 23, 2015, <https://macaulay.cuny.edu/eportfolios/luttonprojects15/music-and-art/the-brooklyn-carnival/the-history-of-carnival-a-timeline/>. (accessed January 26, 2017).

g "Our History," Carnaval de Quebec. <https://carnaval.qc.ca/carnaval/our-history>. (accessed January 26, 2017).

h Molly Beck, "Still turning: Jacksonville built the world's first portable Ferris Wheel," Illinois Time. August 14, 2003. <https://web.archive.org/web/20120311200442/http://www.illinoistimes.com/Springfield/article-410-still-turning.html>. (accessed January 26, 2017).

i "CNE Facts & History," CNE Canadian National Exhibition. 2016. <http://theex.com/footer/other/media-centre/cne-history-and-general-information>. (accessed January 26, 2017).



A PICTORIAL ESSAY



WE HAVE A WALMART TO BOYCOTT: The Intersection of Woodbine Avenue and Glenwoods Avenue



COMING EARLY 2017: Aspen Ridge Advertises 36' and 45' Homes in Simcoe Landing



WEST: The Divide Between New Development and Forgotten Landscape



EAST: The Site for Continued Urban Sprawl in Keswick



WARDEN AVENUE: One of the Many Corn Fields Along the Back Roads of Georgina



THIS PROPERTY IS NOT FOR SALE: MacWilliam Farms

PREFACE

Agrivale speculates on the future of small towns; a response and critique of population growth, food security and the current myopic development in Georgina, Ontario. Creating awareness while allowing for fun is what drives the fantasy of a better tomorrow. This is narrated through six elements that form a new town center; extending from the highway, the marble forest, the façade farm, the emporium, the observatory, and the pier.

What if we consider Keswick, Georgina, Ontario as a commuter town transformed into a radical local farming town? How would we begin this project we are calling Agrivale? Through creative re-appropriation and a focus on public space, Keswick might become an oasis with an abundance of local food and spectacles staged around every corner - architecture and farming creating an animated environment framing action and awareness. How then to showcase Agrivale as a landscape shaped by agriculture and carnival, food and pleasure?

Since its founding in the 19th century, circa 1879 when the post office moved to Keswick from Roches Point, the town of Keswick, Ontario has economically stagnated.¹ Urban sprawl with housing developments

and big box stores have replaced existing farmlands, taking over the landscape of this evolving cottage country. The fertile lands that have been part of the town for over a century have sprung detached single houses and townhomes with paved winding streets, littered with stop signs. Keswick, with its acres of agricultural land, has been severed into multiple lots, and cornfields that were once hide-and-seek playgrounds are becoming a quilted landscape of housing developments. It is the wish of profit-driven associations and development interests to discard the existing fertile land for development and growth beyond the town limits.

With the growing population, globally and locally, should the land not remain land - for environmental and agricultural purposes?²

The Town of Georgina is an amalgamation of two areas, the Township of North Gwillimbury, named after Lieutenant-Governor John Graves Simcoe's wife's maiden name, Gwillim, and Georgina, named in honour of King George III. While the area dates to the 1790's, "[i]t wasn't until 1986 that the Townships of North Gwillimbury and Georgina amalgamated as the Town of Georgina".³

"By the late 19th century, tourists had discovered the allure of the lake and flocked to its south shore in droves. Hotels and dance halls catering to this seasonal clientele dotted the lakeshore, and numerous cottages were built. Georgina also became a literary sanctuary, where the likes of Stephen Leacock, Mazo de la Roche, Peter Gzowski, and Lucy Maud Montgomery could find inspiration on the placid waters of the lake."⁴

There are many areas in Keswick that are vacant and available for development. Towns and cities should look toward a future of self-sustainability and assess their existing fabric to exploit these vacant areas. Yet by growing outward the town risks losing a center, one which is currently undefined.

This sprawling town, soon to penetrate its eastern boundary and consume the beautiful fields, is unaware of these voids inside. It longs for a more lucrative time, where occupants work and live inside its borders, rather than drive to work outside its limits and return to sleep within them. Yet, the potential of the town's interior spaces remains vacant, waiting to be transformed.

How can architecture create excitement for the occupants of this town and offer a method of food security for its growing population?

The so-called ordinary - even mundane - life that is associated with small towns is often due to the ever-current automobile and the 9-to-5 lifestyle.⁵ It is those who do not 'stop and smell the roses' or 'look up'

“
You know, in a
couple of years,
this'll probably
all be built up.
”

David Byrne



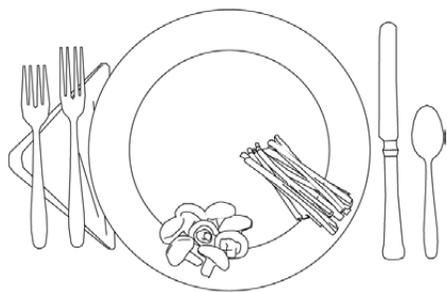
that miss the extra in the ordinary. Towns experience excitement when festivals showcase the abundance of harvest, the changing of seasons, when a band plays in the street, or when the carnival comes to town. These experiences exist as a moment in time where the mundane becomes extraordinary, even bizarre. The temporality of a carnival makes the experience special. It touches each of the senses and creates lasting memories that leaves traces of cultural and social experiences shaped by the celebratory environment. As an ephemeral event, is it possible for the carnival to play a permanent role in the town?

Russian philosopher, Mikhail Bakhtin, wrote in the book *Literatur und Karneval* of the medieval European carnival as one where “the laws, injunctions and limitation that determine the ordinary conditions of life are canceled for the duration of the carnival festivities”.⁶ This creates a free atmosphere for carnival goers to unleash and enjoy festive moments outside of everyday life. During Agrivale the focus will be turned to leisure and enjoyment, social interactions and ‘taking things slow’.

The world we live in today is materialistic, selfish, and full of junk.⁷ Agrivale will flip the modern world into a spiritual, generous, and honest place where everyone has what they need - a place where advertising resists the urge to trigger vices and people indulge in each other's company rather than products. Agrivale strives for an honest indulgence, of good (healthy) food, sincere social engagement and pure public amusement.

ENDOTES FOR PREFACE

- 1 Newmarket Era, "History of Georgina," YorkRegion.com, March 7, 2007, <http://www.yorkregion.com/community-story/1450207-history-of-georgina/> (accessed March 27, 2017).
- 2 Farmland Preservation Research Project (FPRP). 2004. Farmland in Ontario – Are we losing a valuable resource? Centre for Land and Water Stewardship, University of Guelph.
- 3 Ibid.
- 4 Ibid.
- 5 Hal Kane, *Triumph of the Mundane: The Unseen Trends that Shape Our Lives and Environment*. USA: Island Press, 2001.
- 6 *Defining New Idioms and Alternative Forms of Expression*, edited by Eckhard Breitingner. Cite from Bakhtin, *Literatur und Karneval*, 48; translation Eckhard Breitingner. Original quote from Bakhtin.
- 7 Tim Kasser, *The High Price of Materialism*. Cambridge: MIT Press, 2002.



THE COMMUNITY

Keswick, Georgina

Ontario, Canada

📍 44°14'37" N 79°28'33" W

Population: 26,002 (Canada 2011 Census)

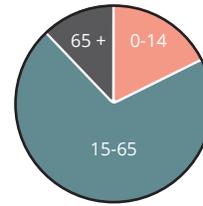
26,757 (Canada 2016 Census)

Area: 16.25km²

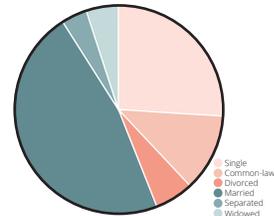
Density: 1,647.0 persons/km²

Projected Population 2050: 34,784.1*

Age Groups



Dwelling Type



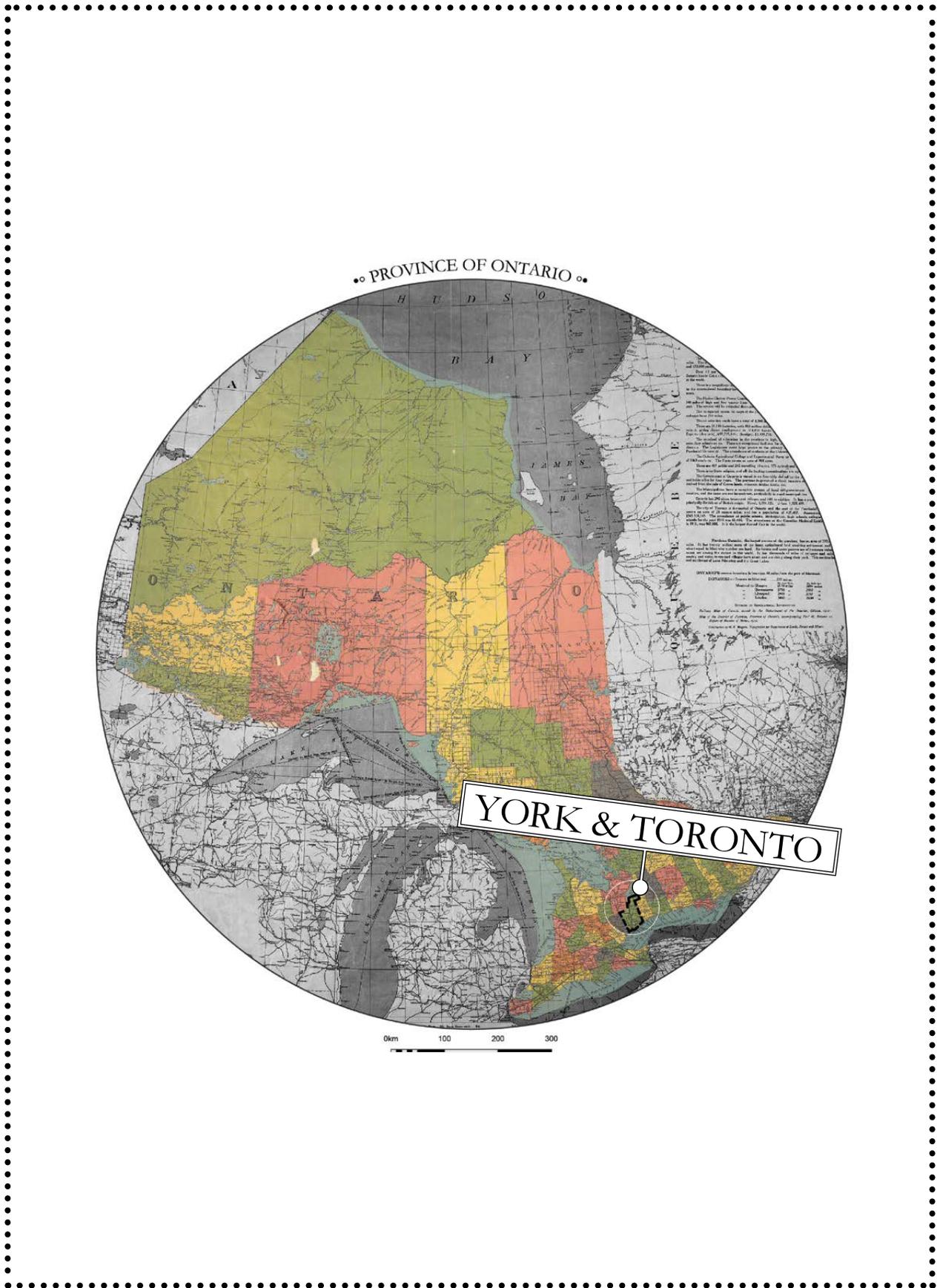
*Per the United Nations, *World Population Prospects: The 2015 Revision*, the Department of Economical and Social Affairs states that the world population is expected to increase by 1.3% in 2050, bringing the total population of the world to 9.7 billion people. North America's population will increase to 433 million, from its 2015 total of 358 million. We can expect a 1.3% increase in Keswick's population in 2050, bringing its population to 34,784 people.

Historical Industries in the Lake Simcoe Area Included: Lumber, fish, farm produce, limestone, ice (for refrigeration). Late 19th Century attractions to the Keswick Area included moonlight excursions, resorts, historical sites, boat cruises, world-class angling (best ice-fishing in N. America), and water sports.¹



Ice workers, ladies and children pose on Lake Simcoe. The train waits for ice in the background. 1895

Jackson's Point, Ontario, Canada



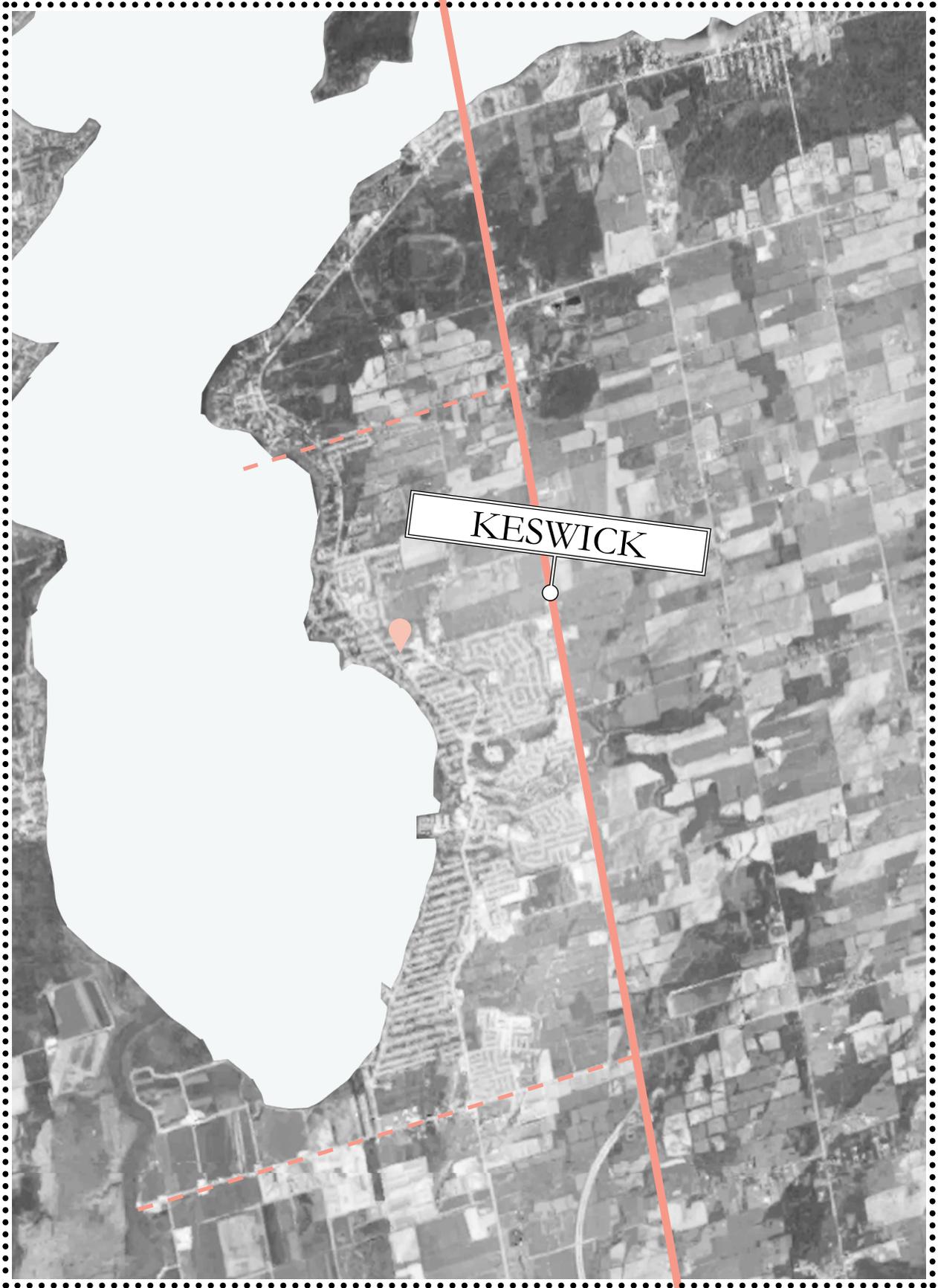
PROVINCE OF ONTARIO

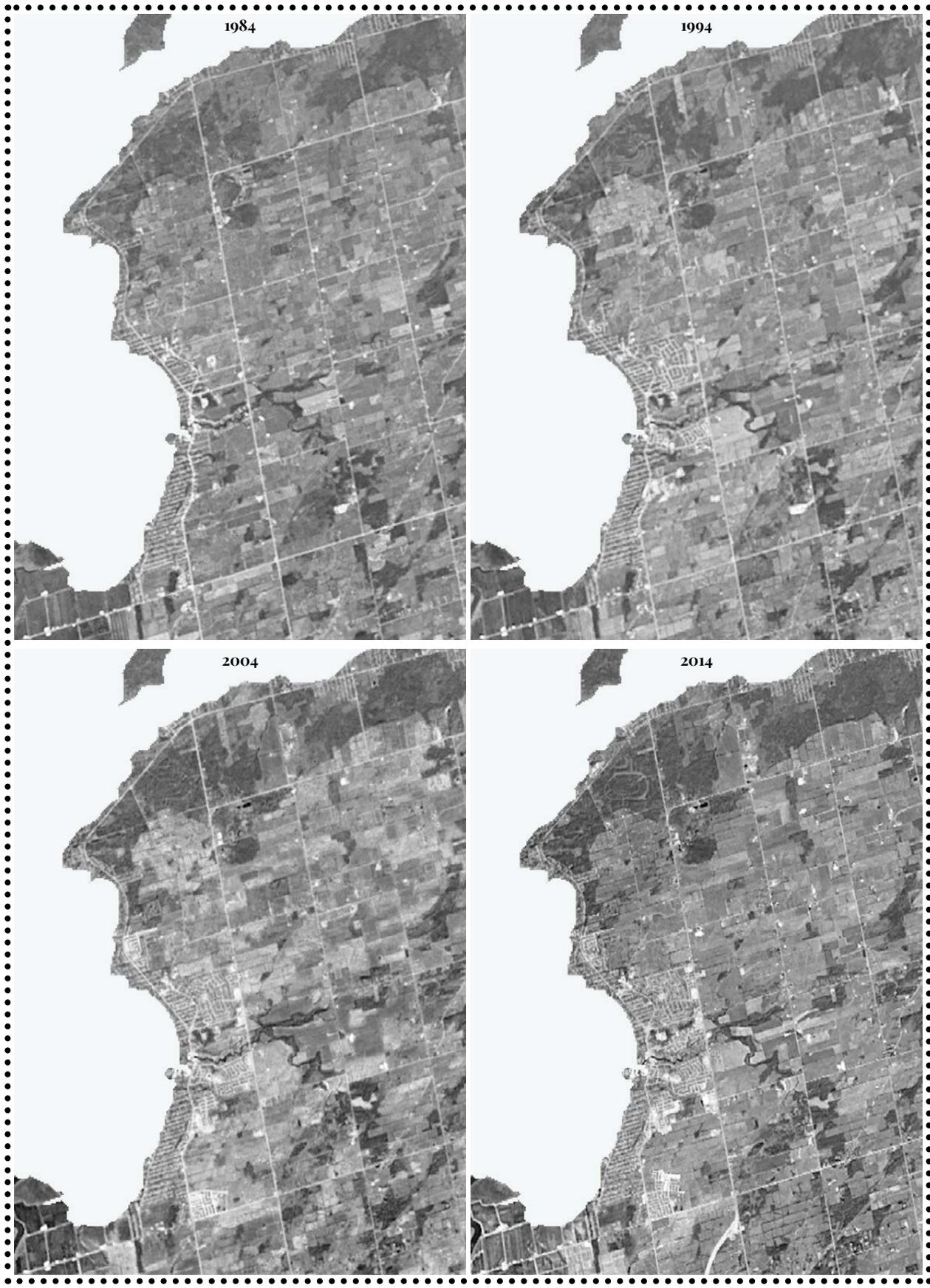
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YORK & TORONTO









Urban Development 1984 - 2014



13,120 Single-Detached House



970
<5 Storey Apartment

Number of
occupied
PRIVATE
DWELLINGS
by structural
type



Other Single-Attached House **25**



440
Semi-Detached House



640
Row House

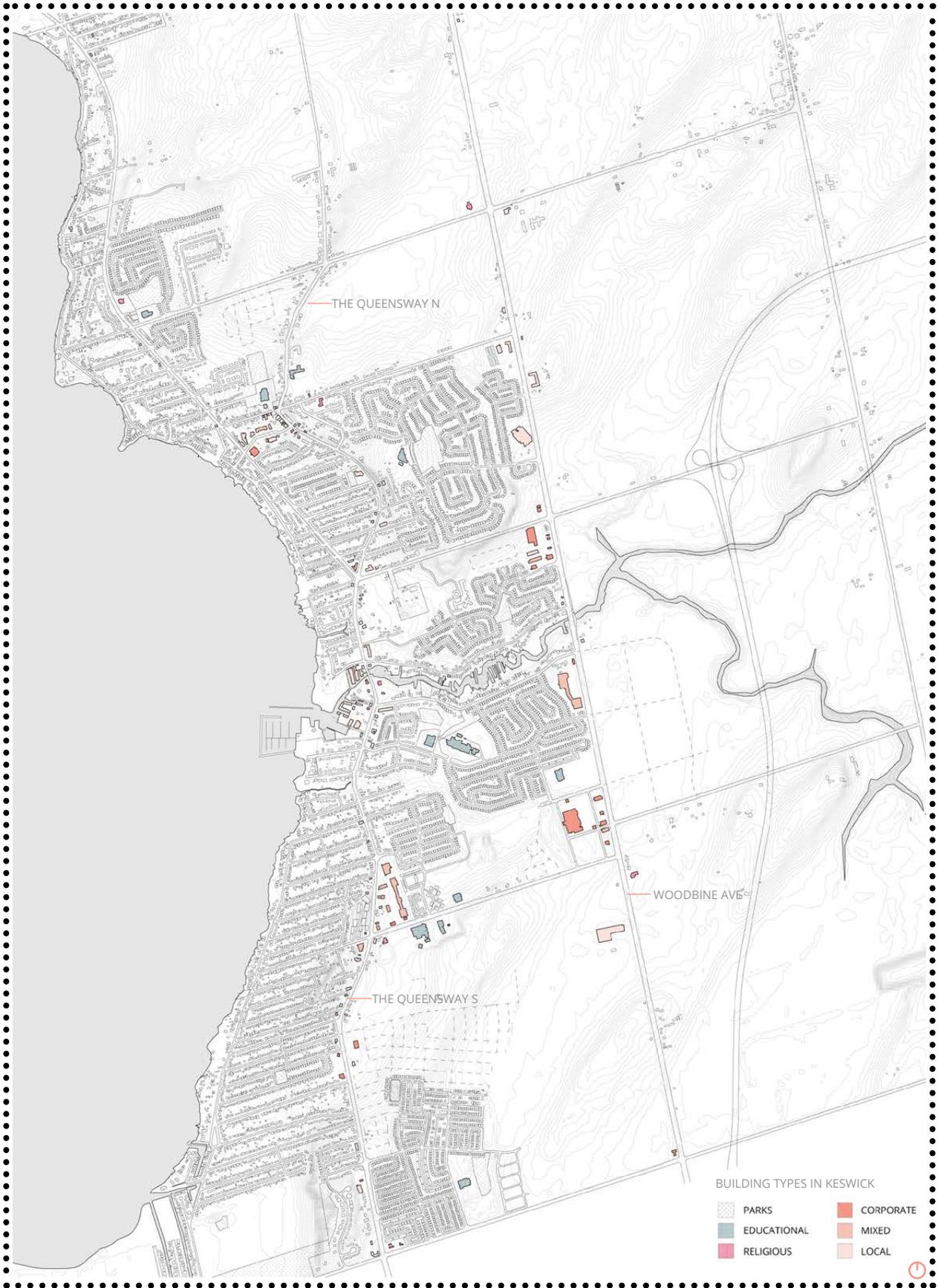


75
Movable

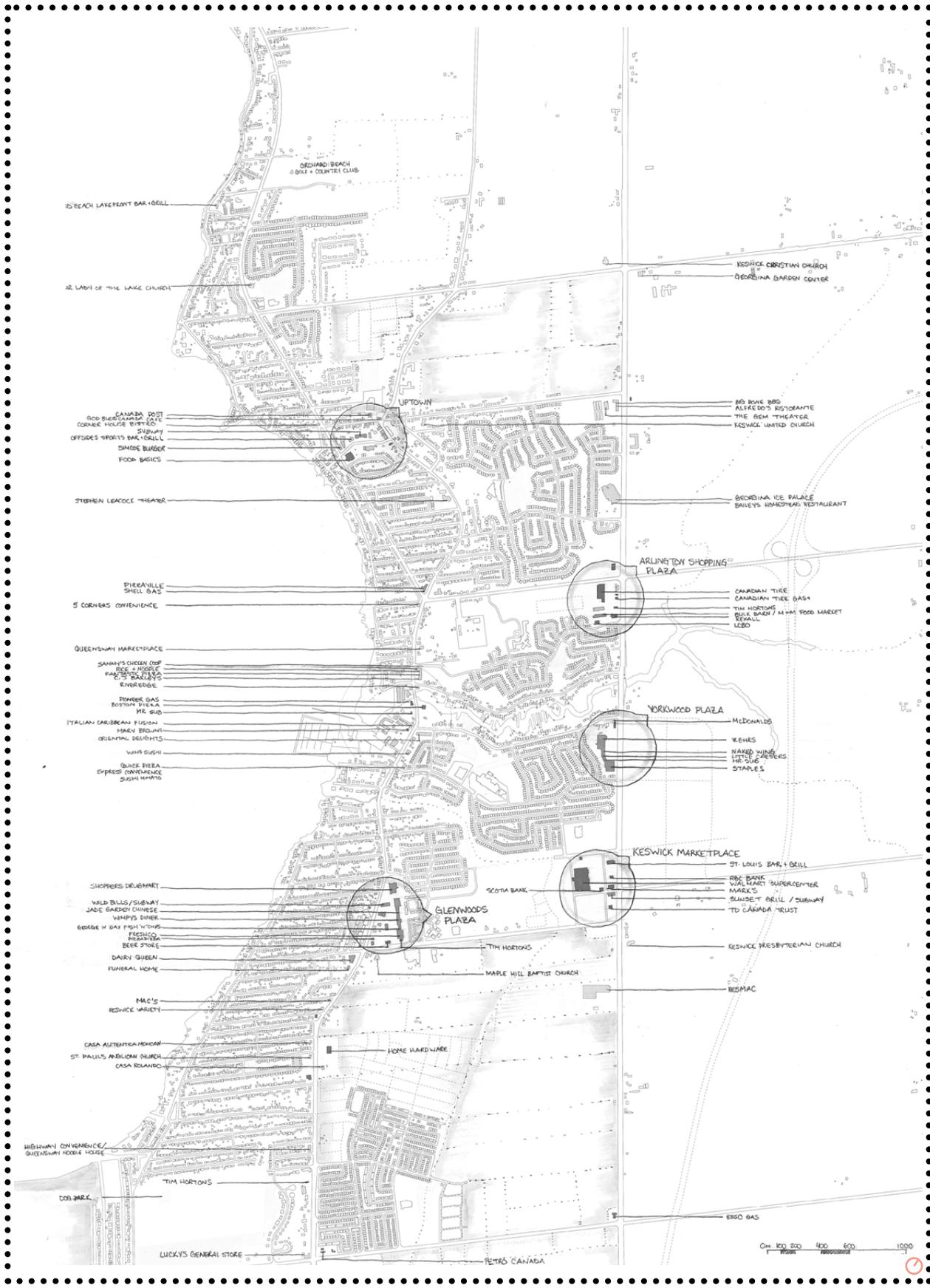


Duplex **575**

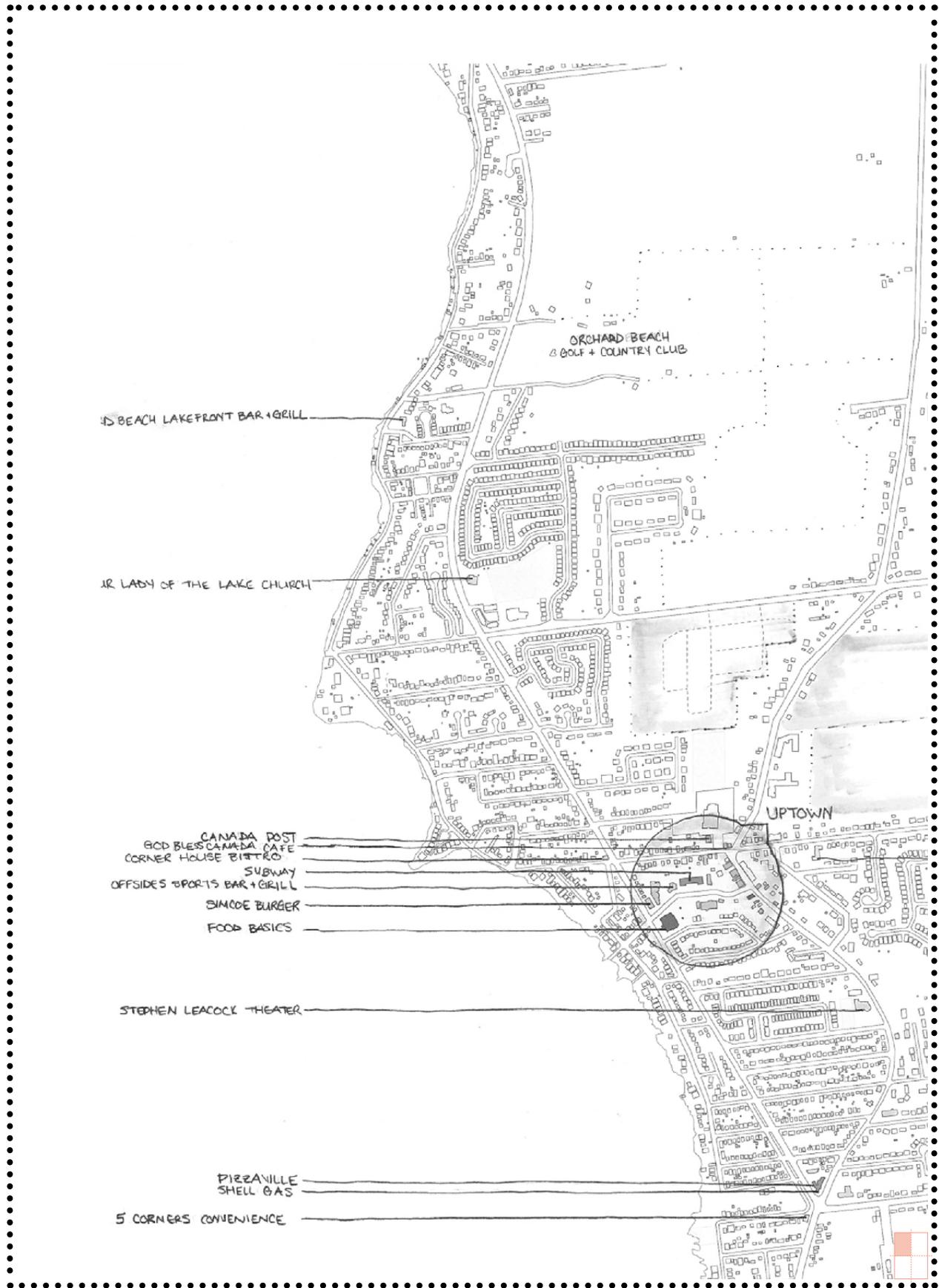
A Large Number of the Residents in Keswick Live in Single-Detached Houses



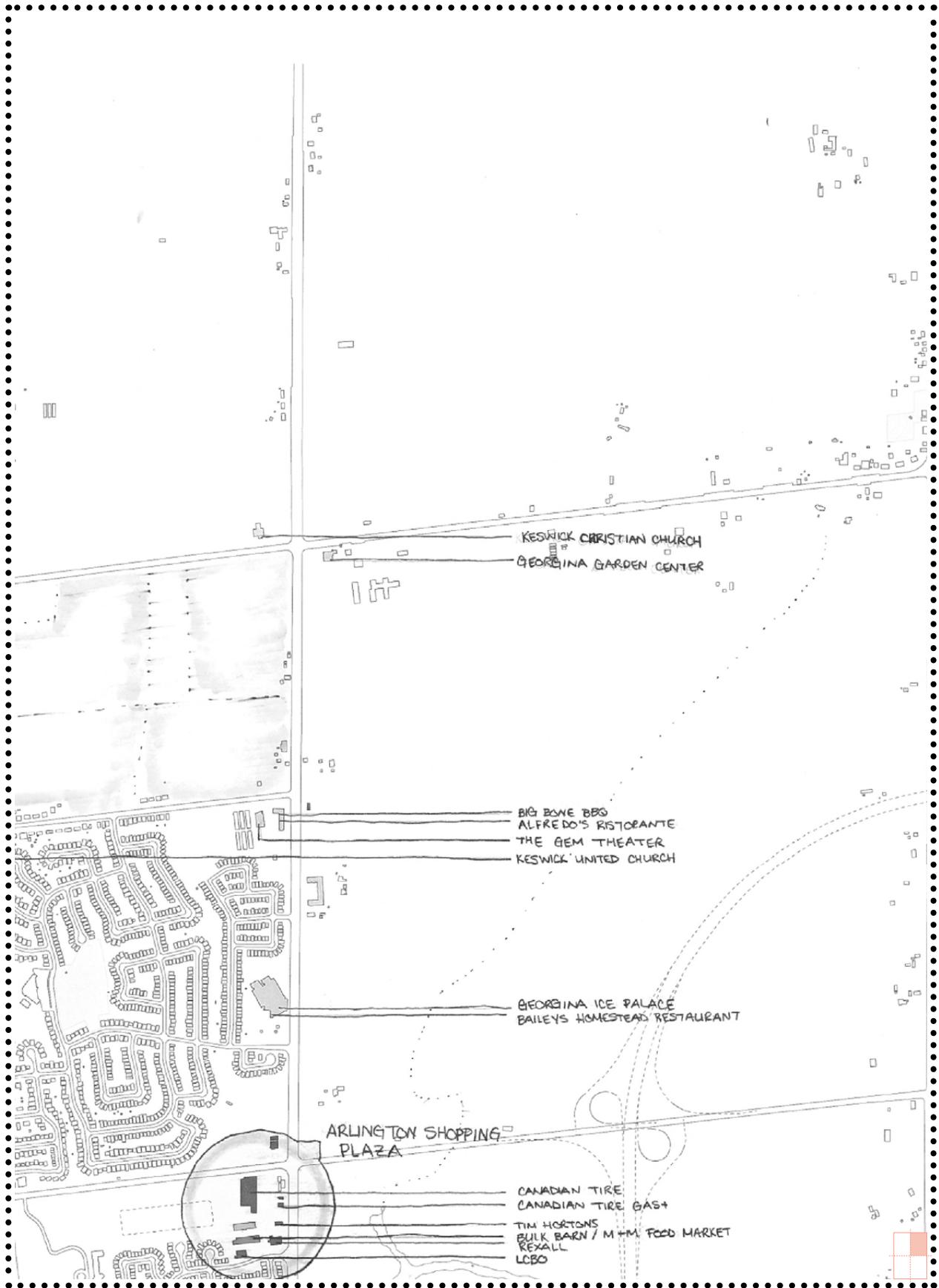
Public Buildings and Food Places Flank the Two Major Arteries in Keswick; The Queensway and Woodbine Avenue



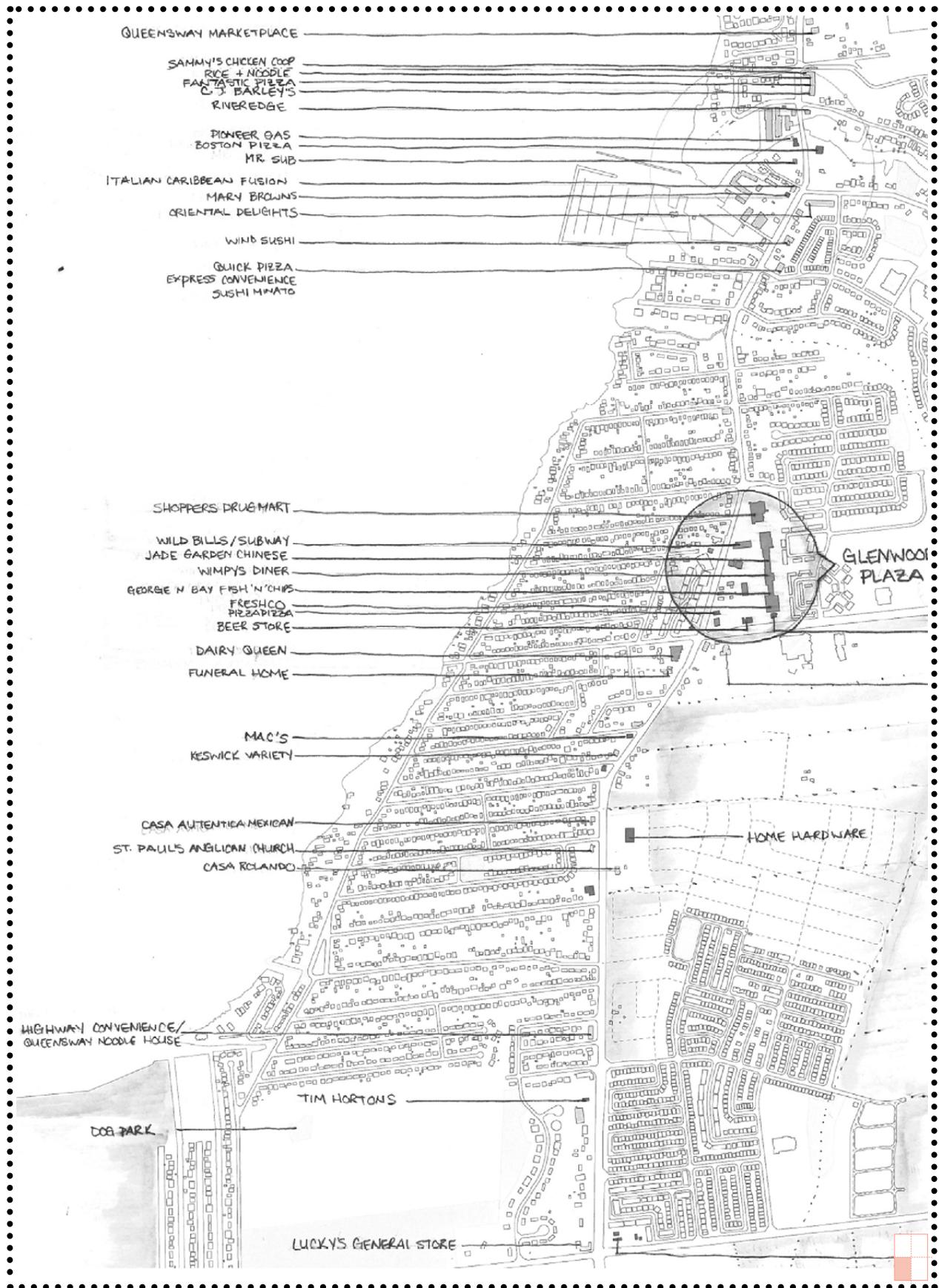
Current Business and Food Places in Keswick, 2017



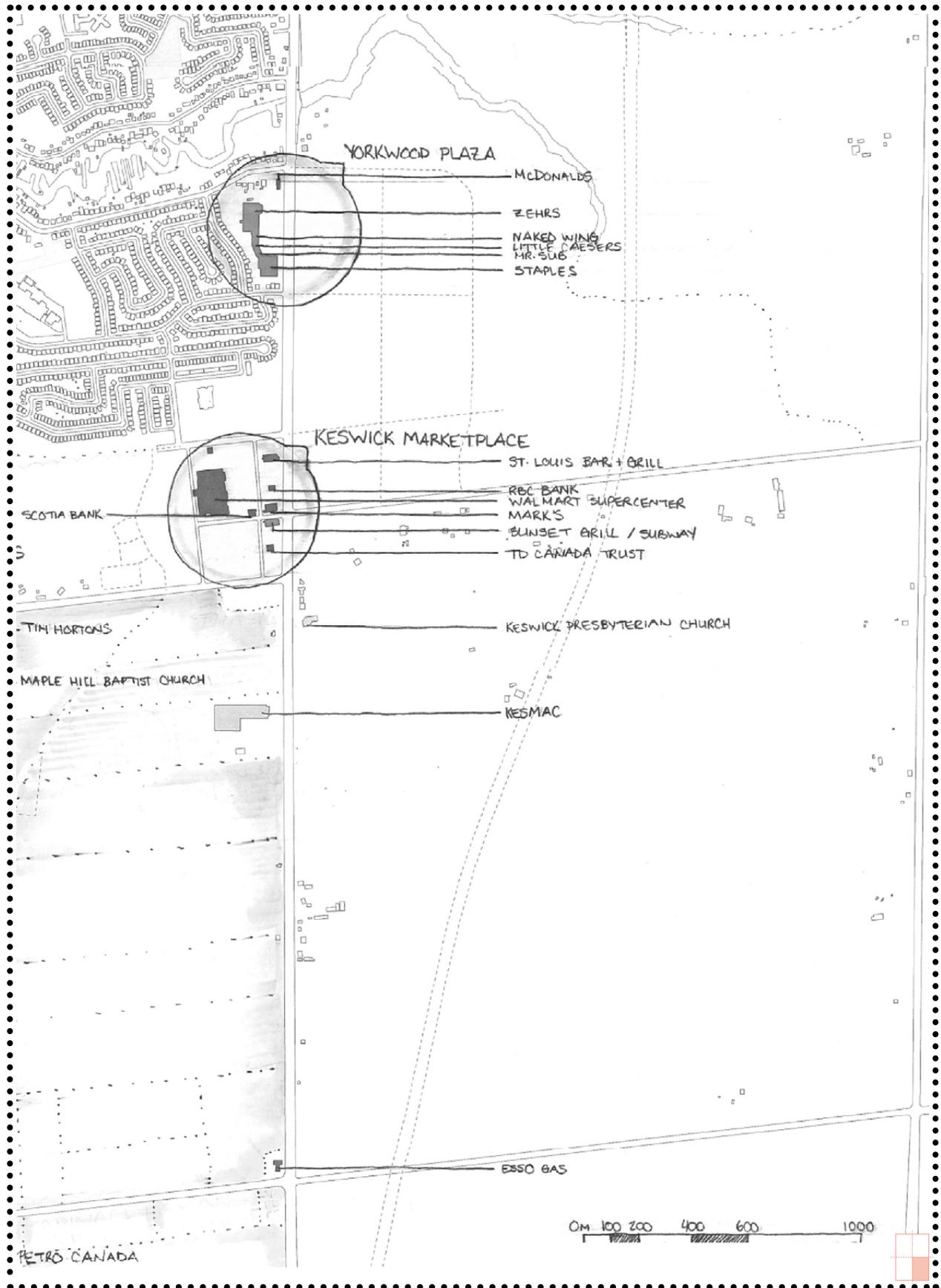
Uptown - The Old Town Centre is Home to the Post Office and a Popular Sport's Bar



Arlington Shopping Plaza - Home of the LCBO



Glenwoods Plaza - Where You Can Find The Beer Store and Shoppers Drug Mart



Yorkwood Plaza - Home of McDonald's and Zehrs | Keswick Marketplace - Where Walmart Is...



Woodbine Avenue Presents a Harsh Division Between the Town and the New Highway 404 Extension



New Public Areas Create a Connection From Highway to Lake

HIGHWAY

“Well, I suppose these freeways made this town and a lot of others like it possible. ‘They’re the cathedrals of our time,’ someone said. Not me.”²

David Byrne

Our journey begins here:

2017. The highway. Long, grey, mind-numbing; it seems to never end. When it does, you find yourself steering down the off-ramp... Keswick.

A small town just north of Toronto, Ontario, Keswick is nestled into the south shore of Lake Simcoe, the east shore of Cook’s Bay and west of vast peripheral farmland. The first encounter showcases a quilt of corn and sod fields, then a gas station marking the entrance to human settlement. This quilt turns to a façade of houses, nearly all the same. A pattern of commercial plots separates the houses and interrupts the fields, extending as far as the eye can see. There is not much street life during the weekdays. Friday and Saturday nights, the streets are activated by the young crowd heading to the local watering holes, Boston Pizza and Offside’s Sports Bar & Grill. The older town-folk usually frequent McCluskey’s, now named C. J. Barley’s, which sits

adjacent to the marina. On weekends locals are seen cheering for their sons and daughters at hockey games in the Ice Palace. Others partake in lake fishing, a year-round activity. During the work week Keswick is a lonely town; commuters get into their cars at 6:30am to make the drive south, toward Toronto and their place of work. Students wake up around 7:30am and head to school, getting dropped off by stay-at-home parents, friends or by yellow buses. Those who live closer walk, or jump on the YRT (York Region Transit) bus. The YRT is not the most reliable transportation in town.

I remember waiting for the bus to go home after high school during a blizzard. It didn't come as scheduled and almost drove past me because I was trying to shelter myself behind a tree. There was no way I was going to take a cab – a 10min ride home would cost me \$30. At this point I was too young to drive, let alone have money to spend on gas.

Gas...

The **GAS STATION** is less socially interactive since the installation of debit/credit Interac machines.

Drive in. Gas up. Tap. Drive out.

Almost no human interaction happens here, aside from the chance glances from the kid filling up his Honda Civic at Pump 4 or when the machine is down, forcing you to pay inside. Nonetheless, it is an isolated event today. What happened to small talk? The exchange of bills through the car window after the young worker came to your vehicle to fill it up? What happened to "How is your mother doing"?

They are all lost.

Because of this, the gas station becomes the threshold to the new life event in Keswick; the Agrivale. It welcomes human interaction – every gesture – from opening the door to small exchanges of hellos at the cash register, to asking for ID when buying a pack of cigarettes.

This threshold, hidden in plain sight, is the gateway to Agrivale.

**note: Agrivale is a proposed event held in a future October as an extended harvest festival. It is also the means of living a self-sustainable and locally driven lifestyle that focuses on enjoyment and a happy life.*

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“CONSUMERISM, which is an integral part of the 21st century lifestyle, is one of the major consequences of planetary ecological overshoot. Persuasive evidence indicates that the overshoot has persisted since about 1980 and has worsened each year. Much can be done by individuals to resolve this issue short term, such as changed behavior that is less materialistic. In the long term, sustainability will require major alterations of entire societies to reduce urban sprawl, increase energy efficiency (as well as shifting to renewable energy sources), stabilizing human population size, and reducing the disparity between the very rich and the very poor. Some hopeful signs have emerged, such as [...] improving social services and curbing widespread environmental devastation.”³

Commercial businesses are taking over. Advertising and the ‘need for more’ is polluting our culture.⁴ Is local going out of style? Do people not see the consequences of their actions? Keswick, currently a bedroom community, will be a devastating place to live if something does not change.



Petro Canada Gas Station

As piles of coffee cups and throw-away-culture⁵ items pile up in town, citizens become extremely concerned with their health and the spirit of Keswick. Their children are feeding on bad food pushed by advertisements, buying junk toys that are “gendered and violent” they don’t need.⁶ Fast food restaurants and corporate stores are killing local food scenes – supported by an automobile oriented life.

Everything now with drive through convenience.

*It’s a **GARBAGE TOWN.***

The social benefit is lost. Gone.



Canadian Tire Gas+ Station

It begins as whisper in town. Neighbours gossiping about the mounds of junk on front lawns, the smell from garbage overflowing on the street and mountains of coffee cups blocking the drive through's. Trash is clouding their minds, their souls and physically their paths. It must end here.

The whisper grows to a voice. The gardeners take a stand. These are the people who appreciate locally grown produce and the satisfaction of providing for themselves.

Then come the store owners. They see the benefits of purchasing goods from the people in town. Most of them are friends from high school, and co-workers who carpool to the city.

Soon after farmers get on board. They would rather break their backs before selling their beautiful farm to some developer. Providing for their town is what they have always lived for; to make a difference in people's lives.

The voice becomes a yell. The soccer moms rally.

*It's a **REBELLION.***

They do not want their precious children eating junk food in school, rotting their brains and their teeth. They want to give their children a chance to enjoy a healthy and happy life.



Esso Gas Station

In any **TRANSITION** period, there are those who jump on the bandwagon right away, and those who watch from their windows. Making the switch to electric cars and composting are baby steps, but steps nonetheless. Keswick enforces recycling, taking transit/rideshares and harvesting rainwater. Programs allow those who have become experts in a sustainable practice to help others make the shift. Incentives (non-monetary) are given for energy-efficient strategies, local food practices, carbon-free or carbon-neutral emissions, and innovative solutions for waste. Money takes a back seat. Agrivale shows its residents that sharing resources, community engagement and a little excitement are at the forefront of fulfilment in life. Rather than focusing on a six-figure bank account, focus is drawn to the six spheres of a mindful life; water, shelter, food, energy, community, finances.⁷

Money is still earned, but it is “impolite to talk about your [finances]”.⁸



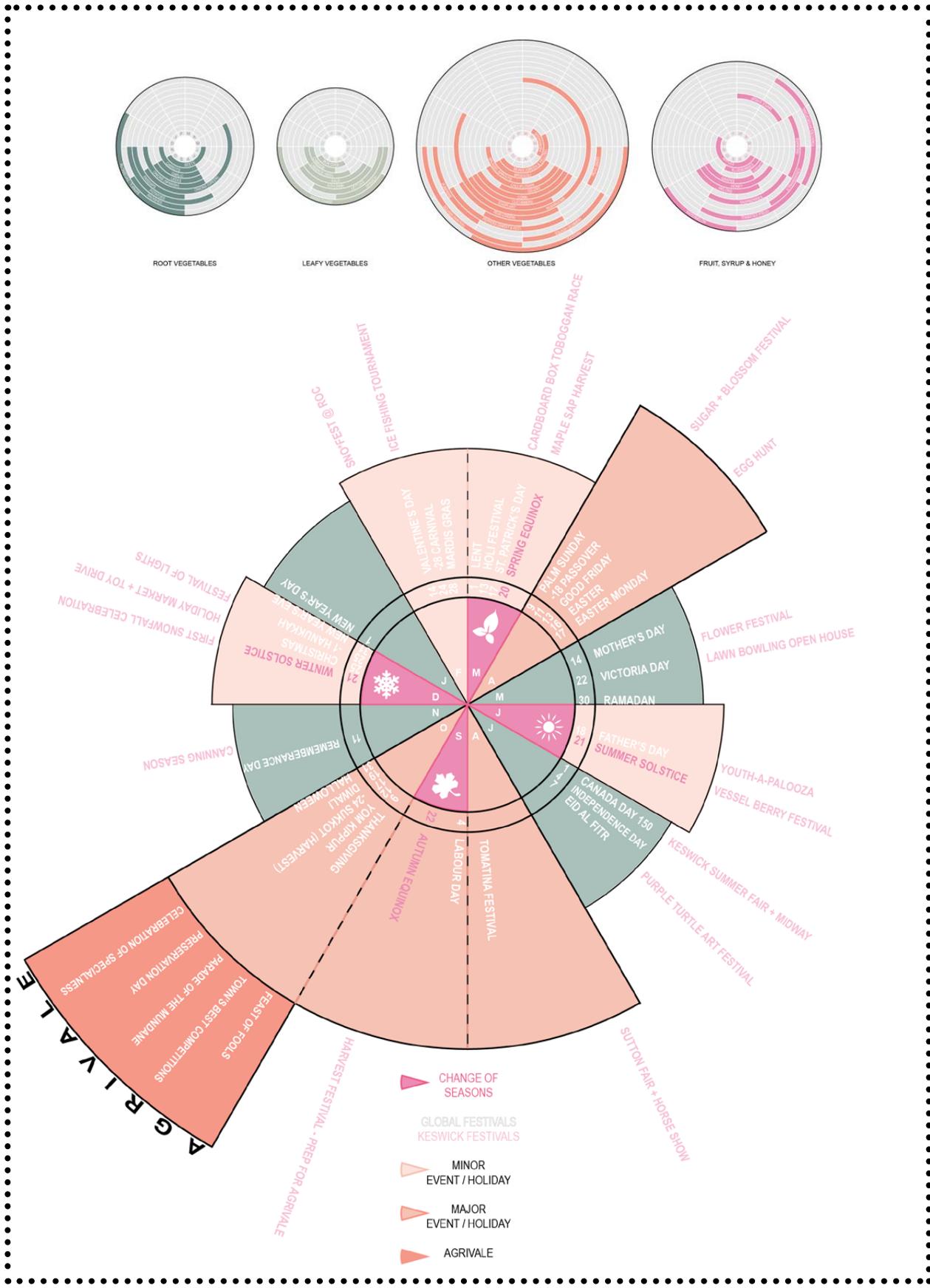
Pioneer Gas Station



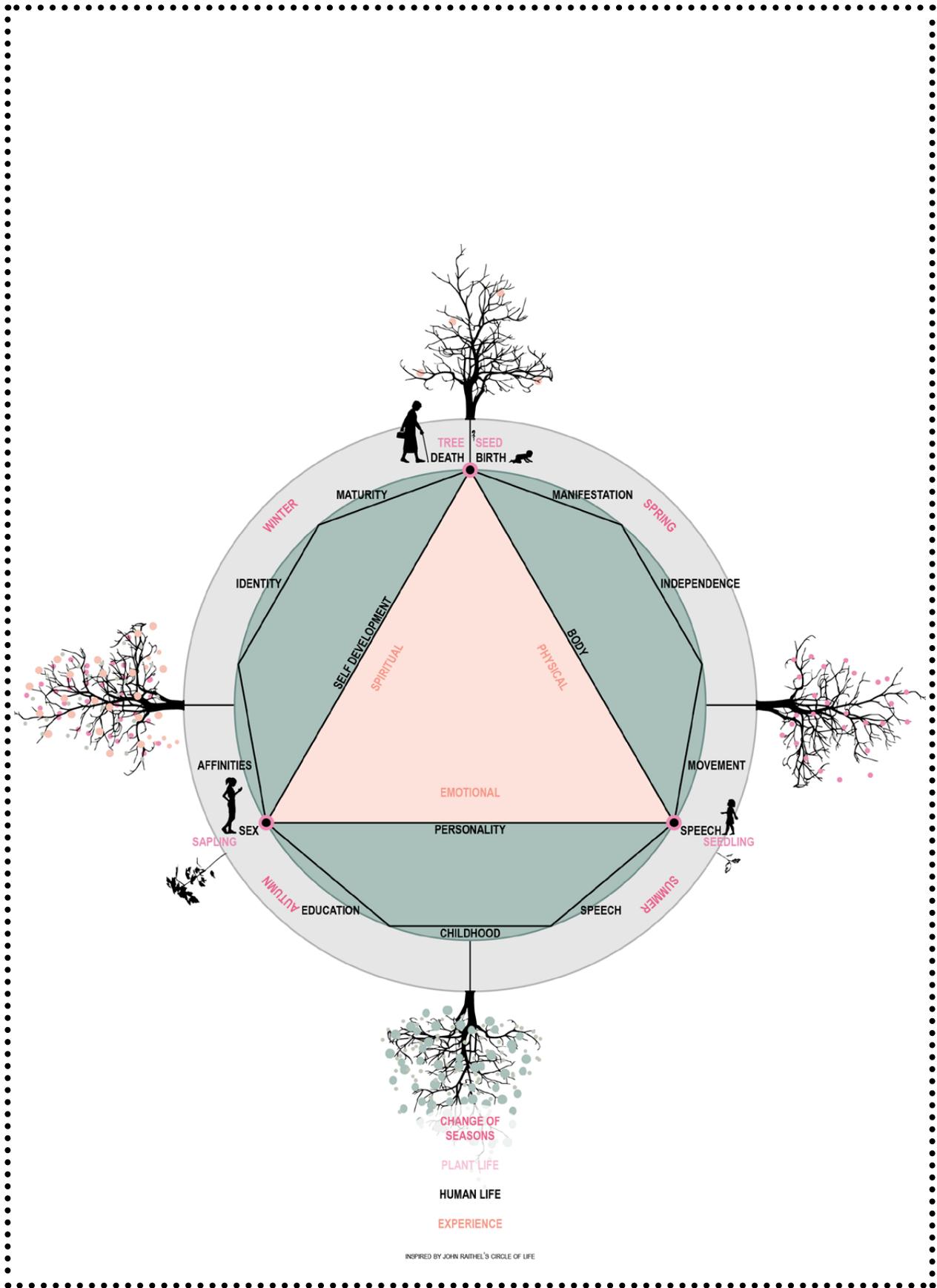
The Fisherman's Garden

Inspired by CJ Lim/Studio 8 Architects' "Discontinuous Cities", The Fisherman's Garden illustrates a story of the winters in Keswick and life on the lake.

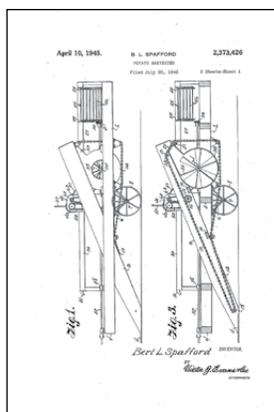
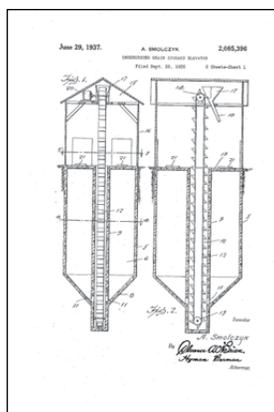
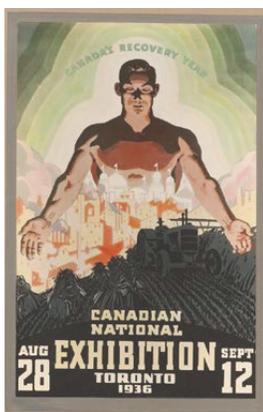
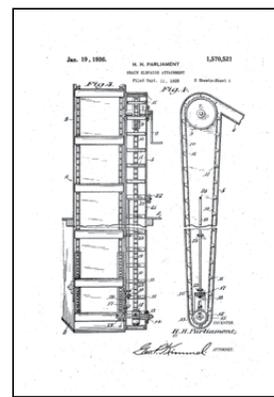
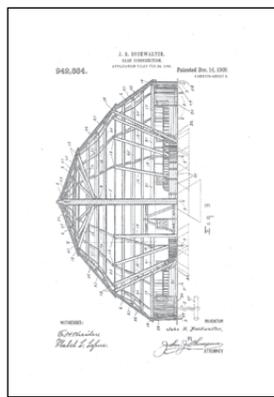
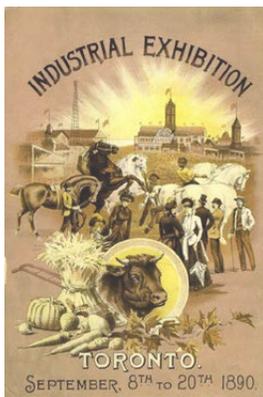
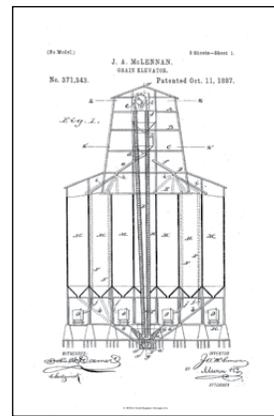
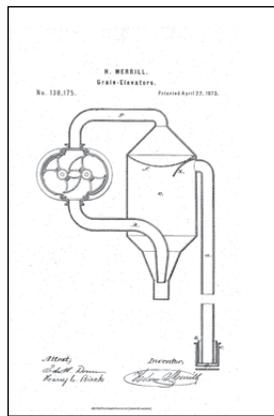
Ice fishing is a popular daily event, with huts scattered over the frozen layer of Cook's Bay, creating a temporal city during the winter months.



Agrivale and the Periodical of Festivity - New and Old Holidays + Festivals Coordinate With the Seasons of Growing



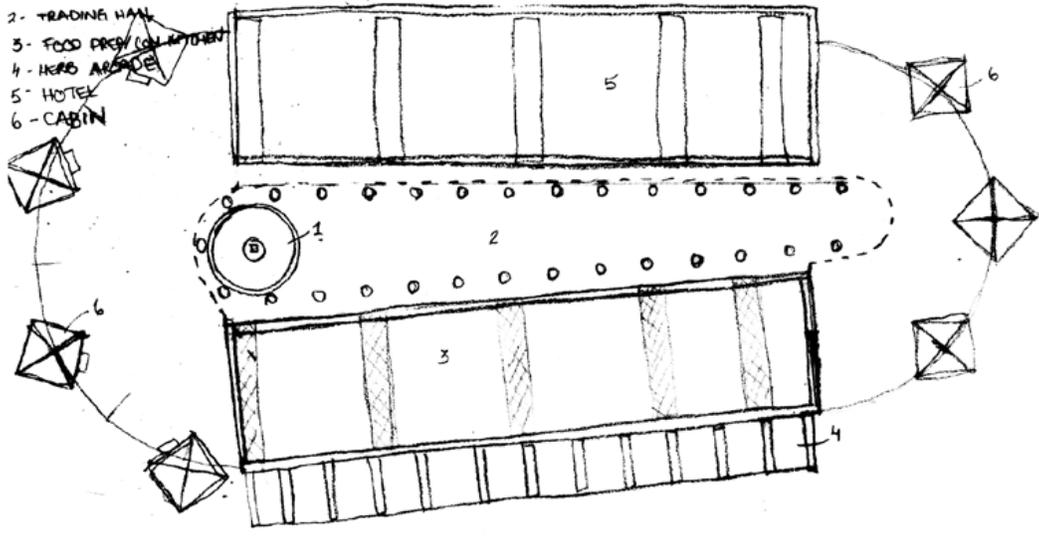
Agrivale and the Circle of Growth - Seeing the Parallel Between Human and Plant Growth and the Circle of Life



Invention has been at the forefront of Fairs and Exhibitions since the 1800's, with the Canadian National Exhibition (CNE) as a spectacular example. Farm equipment and inventive mechanical systems were showcased during the two-week exhibition. Visitors would interact "...with agriculture, entertainers, exhibits, fashion, food, midway rides, shows, and the new technology of the day".⁹

EMPORIUM
GROUND PLAN

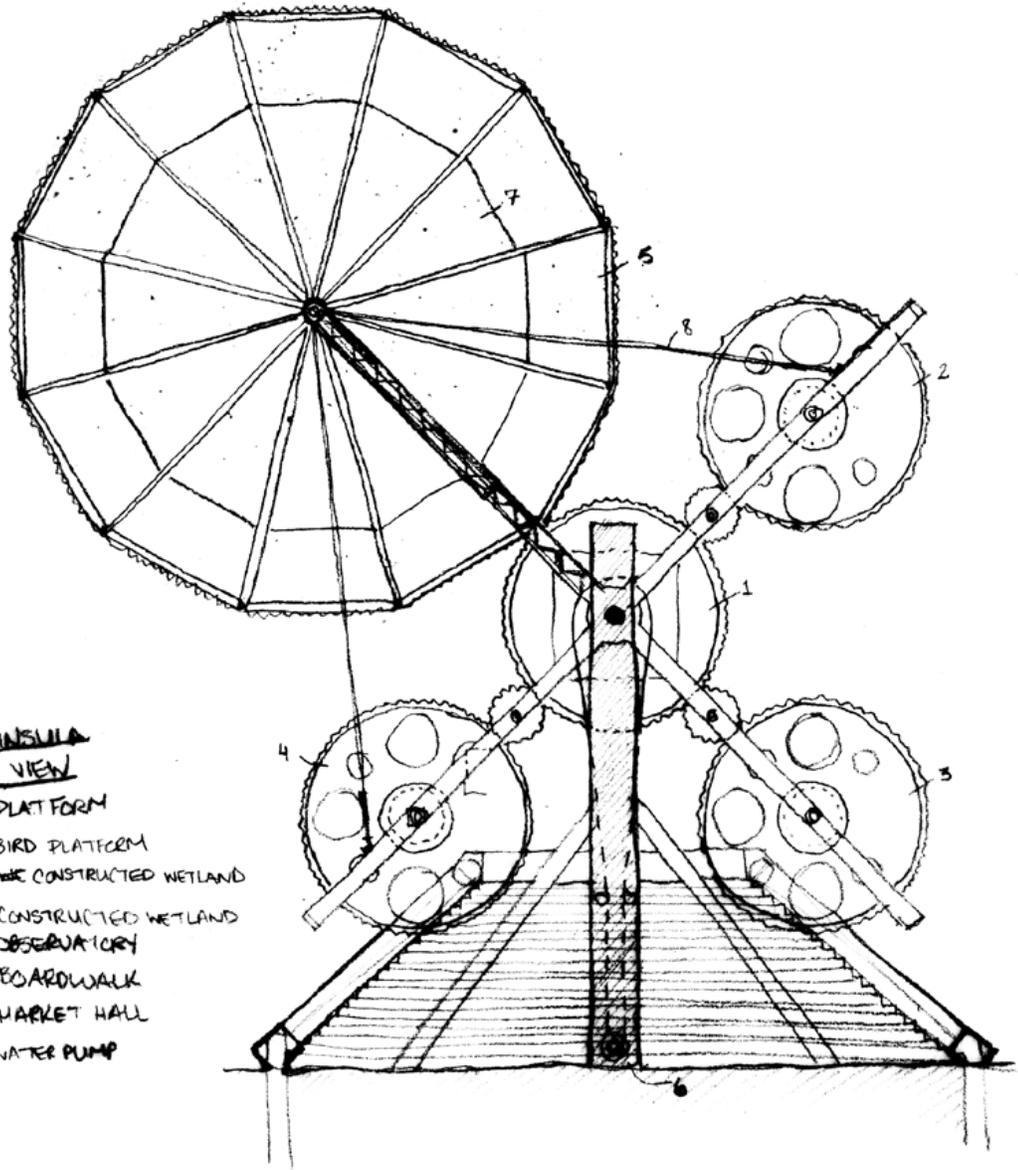
- 1- FOUNTAIN
- 2- TRADING HALL
- 3- FOOD PREP (CULINARY)
- 4- HERO AREA
- 5- HOTEL
- 6- CABIN



Patent Collage Drawing - Emporium

PENINSULA
TOP VIEW

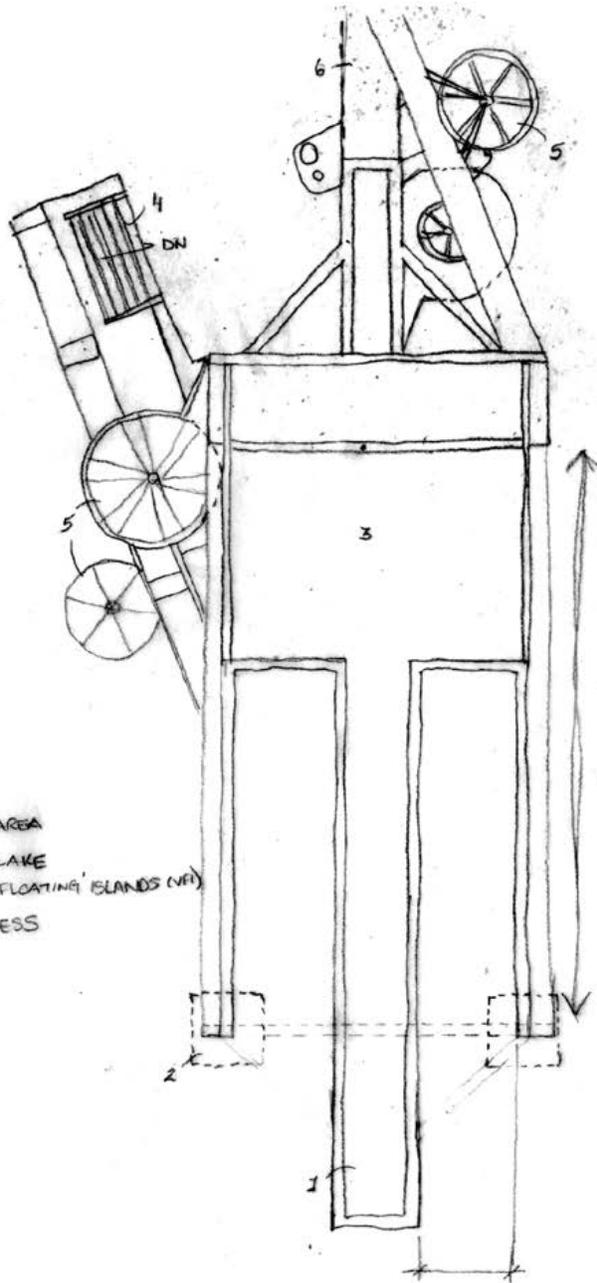
- 1 - PLATFORM
- 2 - BIRD PLATFORM
- 3 - WE CONSTRUCTED WETLAND
- 4 - CONSTRUCTED WETLAND
- 5 - OBSERVATORY
- 6 - BOARDWALK
- 7 - MARKET HALL
- 8 - WATER PUMP

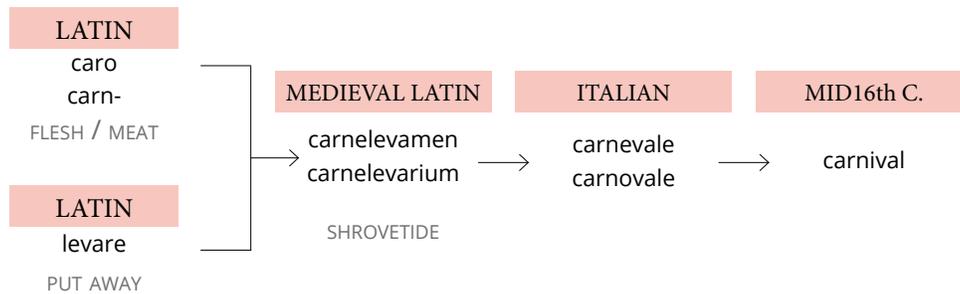


Patent Collage Drawing - Observatory

STAGE
GROUND PLAN

- 1 - PIER
- 2 - CRANE
- 3 - MAIN STAGE AREA
- 4 - ACCESS TO LAKE
- 5 - VEGETATED 'FLOATING' ISLANDS (NFI)
- 6 - MARINA ACCESS





The Oxford American English Dictionary defines CARNIVAL as:

1. A period of public revelry at a regular time each year, typically during the week before Lent in Roman Catholic countries, involving processions, music, dancing, and the use of masquerade.

Synonyms: festival, fiesta, fête, gala, jamboree, celebration, party

1.1 A public event or celebration, typically held outdoors and offering entertainment and exhibitions.

1.2 An exciting or riotous mixture of something.

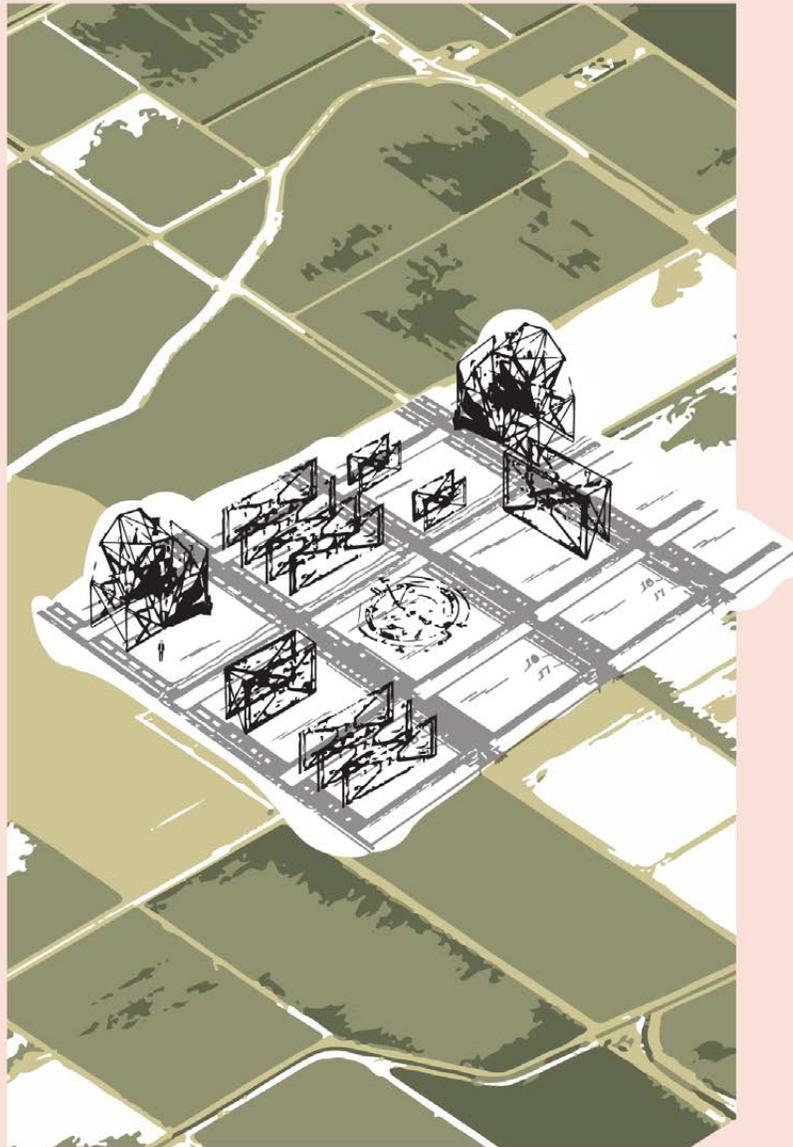
2. *North American* A traveling amusement show or circus.

Synonyms: funfair, circus, fair, amusement show, sideshows, midway

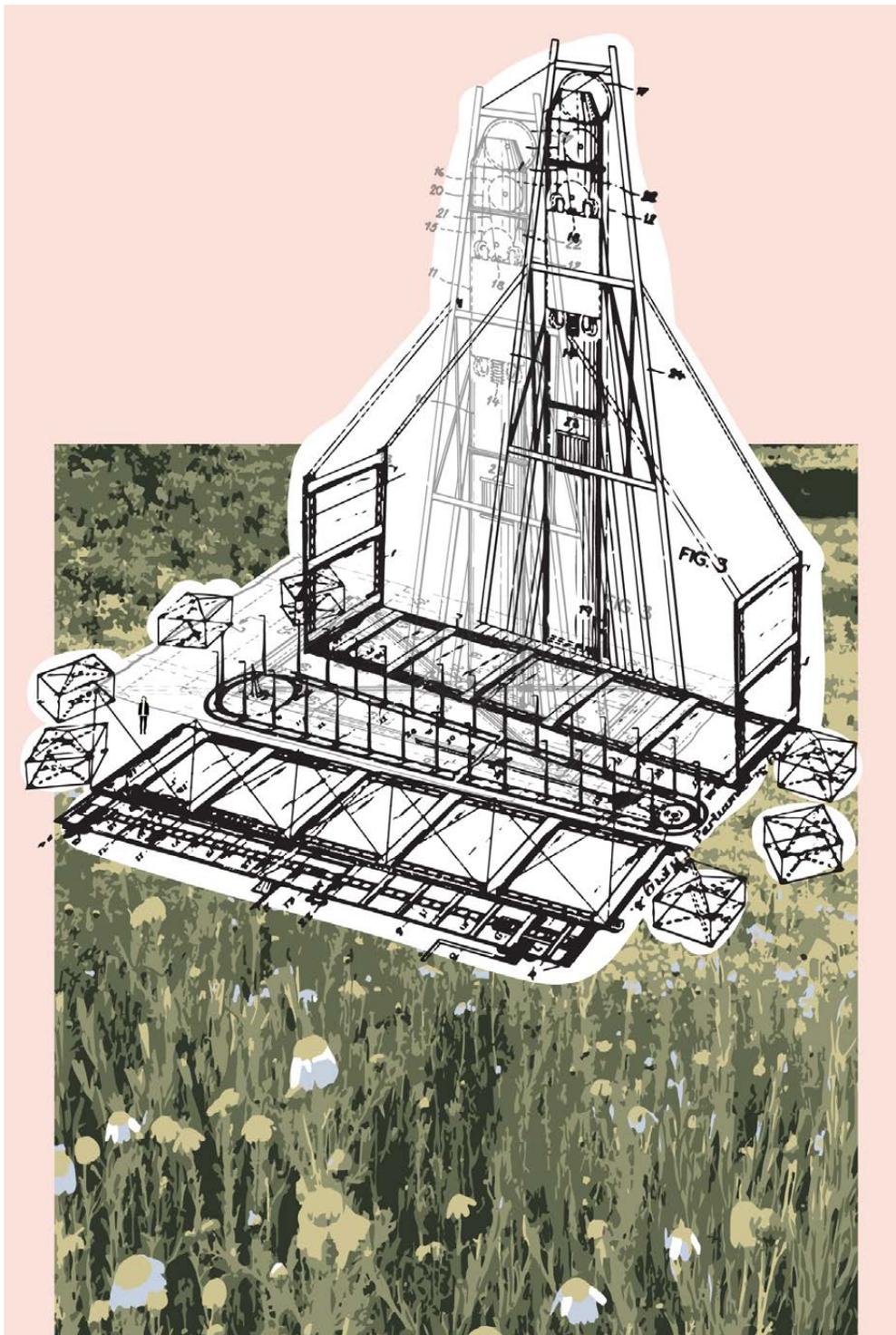
The linguistics of the word originate from the Latin caro/carn- (flesh/meat) and levare (put away), giving the full meaning of carnival to *put away meat*.



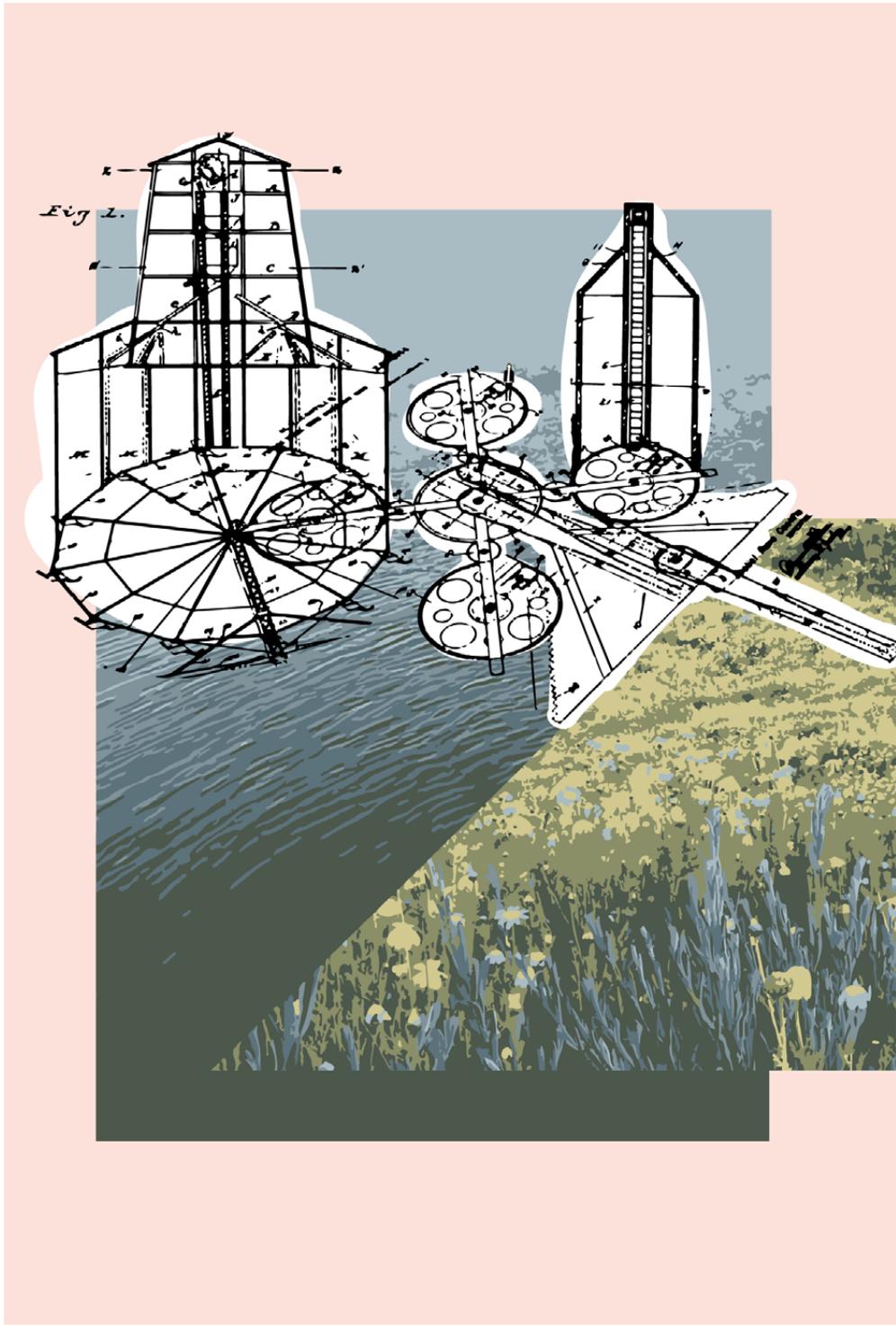
Memories are held within standing marble forms



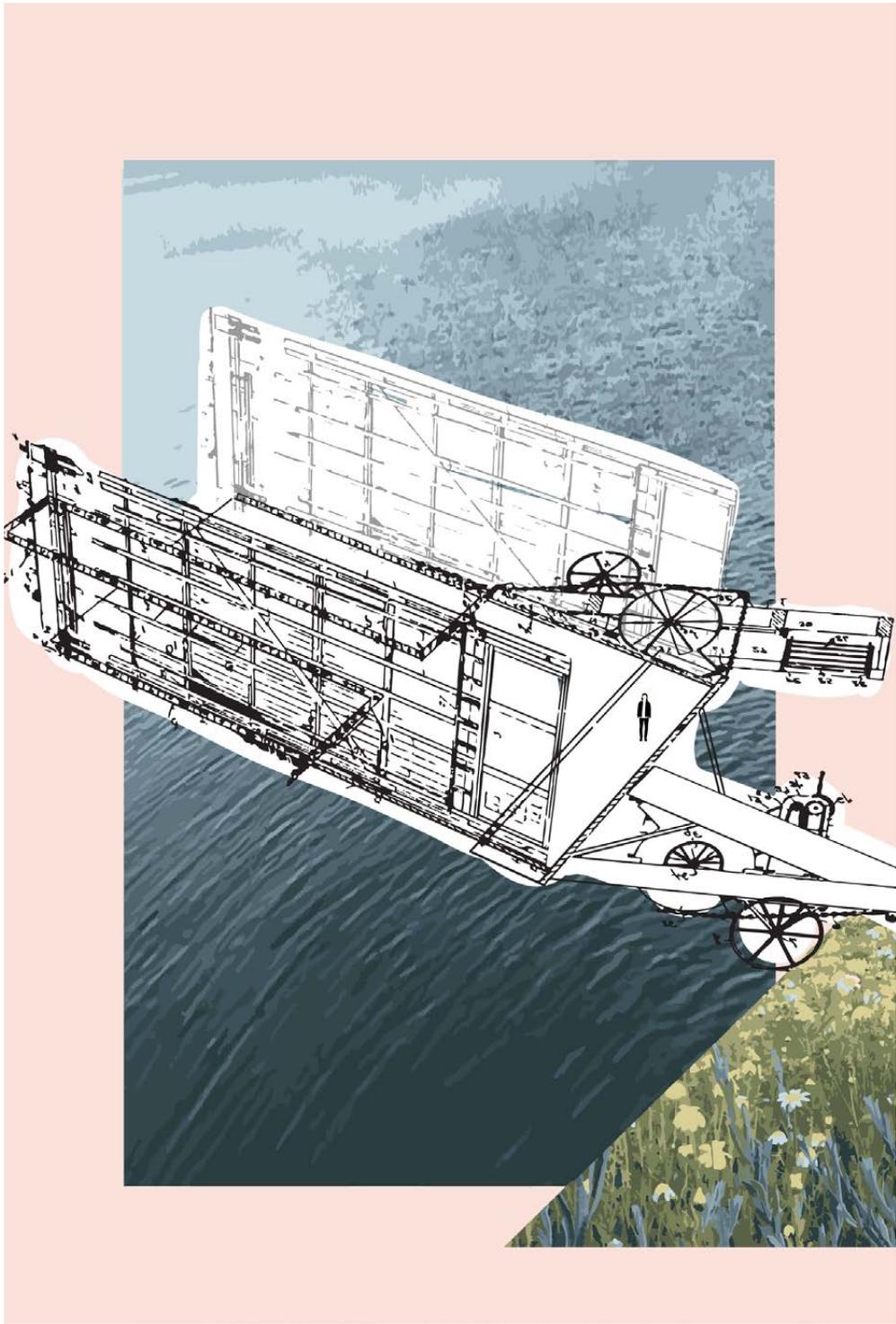
Gardens flourish among the field of facades



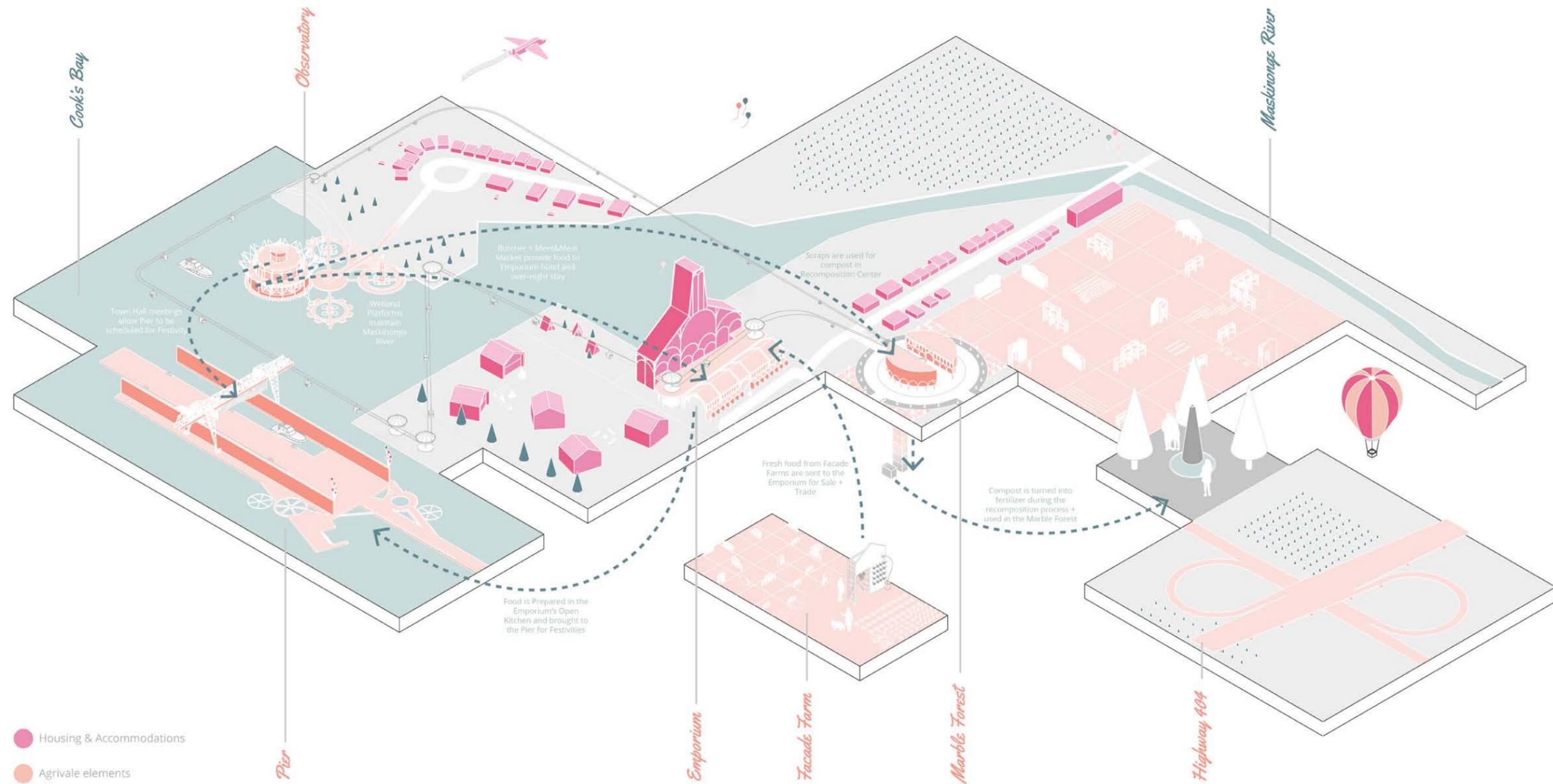
Trading and bartering is done at the Emporium, exchanging recipes and techniques



Get your meat and see it too! The butcher shop and fish market surround the Town Hall



Feast on the pier with friends



Festival Map: Your Guide to Agrivale

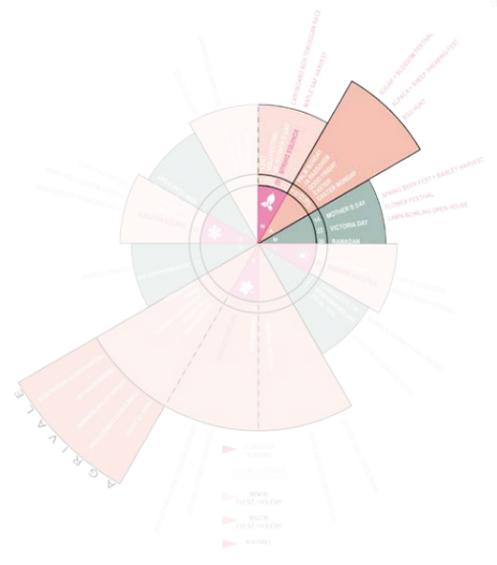
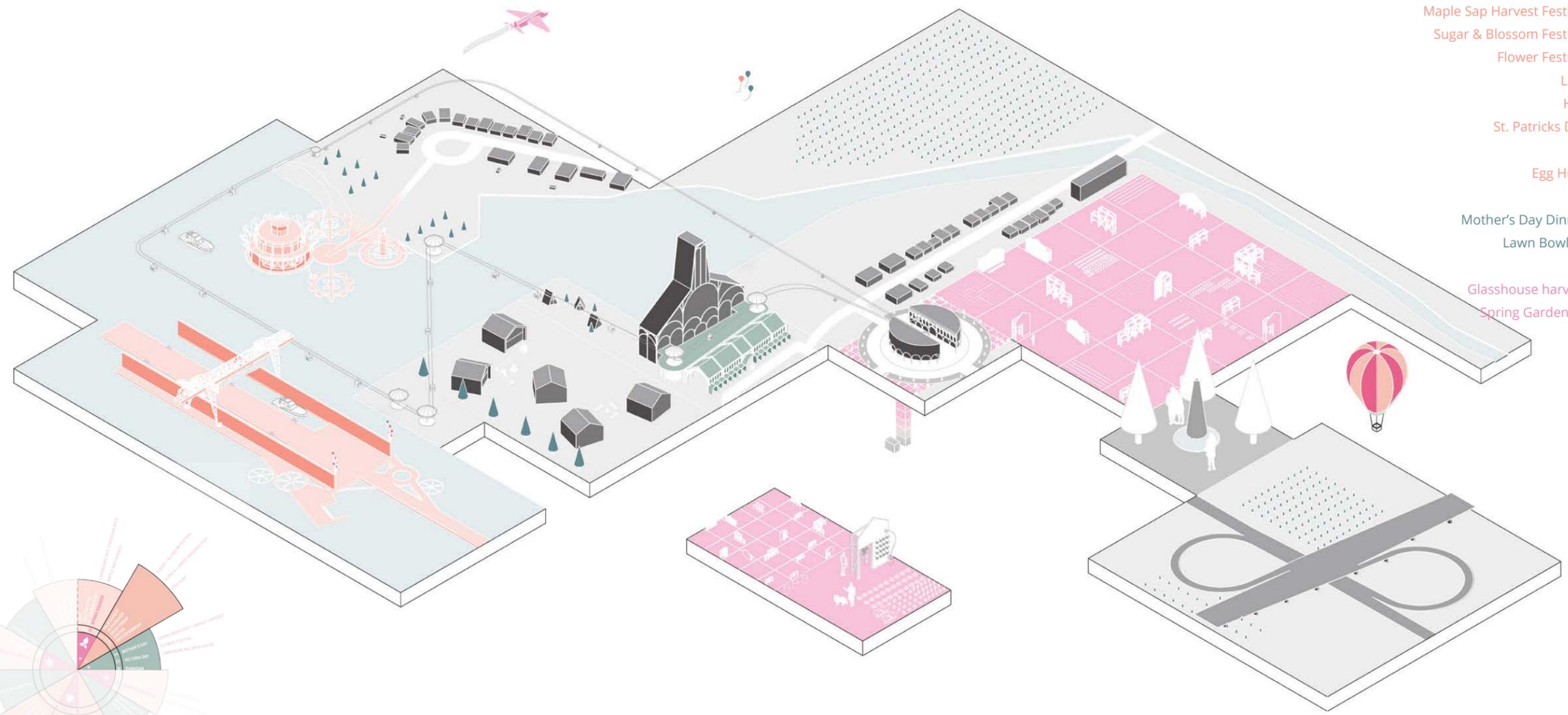
SERIES OF EVENTS

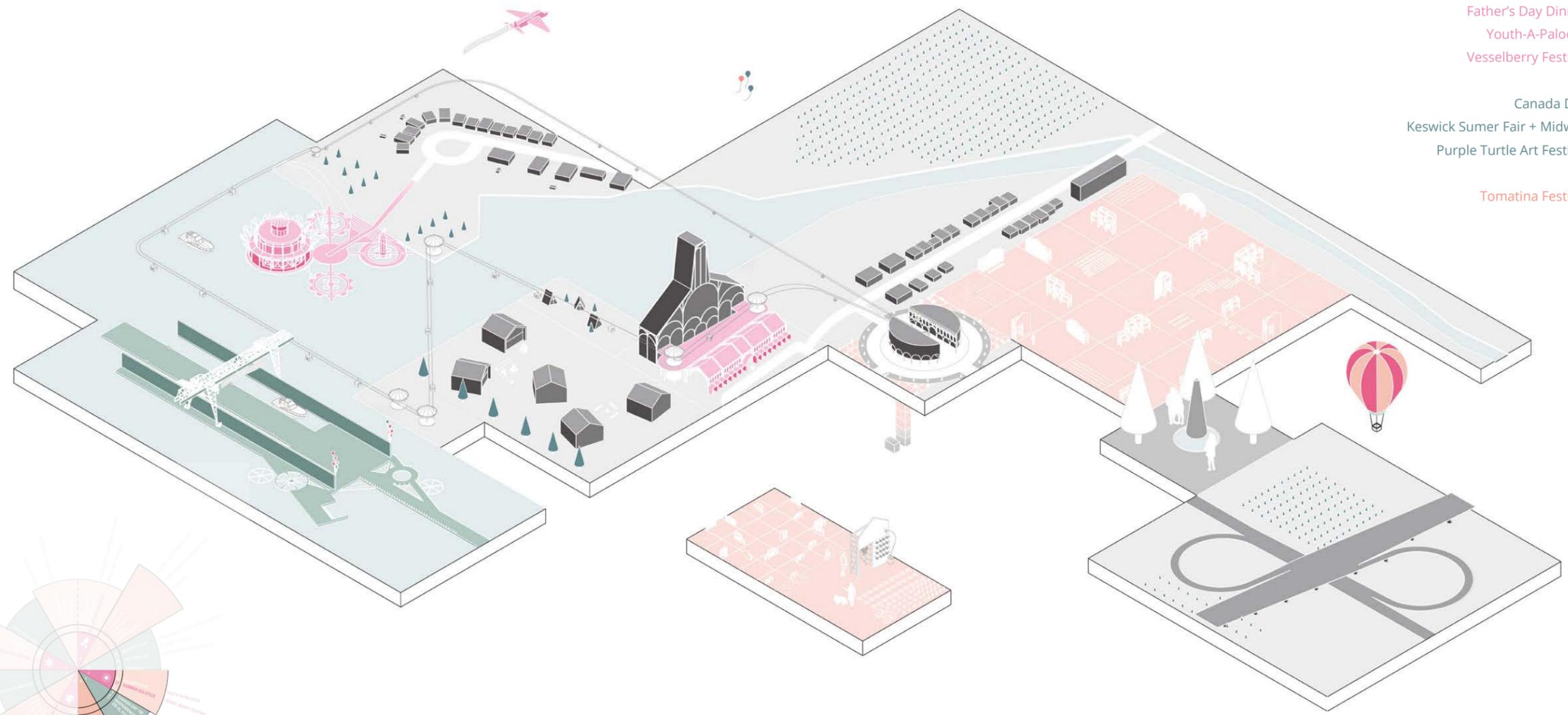
- Maple Sap Harvest Festival
- Sugar & Blossom Festival
- Flower Festival
- Lent
- Holi
- St. Patricks Day

- Egg Hunt

- Mother's Day Dinner
- Lawn Bowling

- Glasshouse harvest
- Spring Gardening



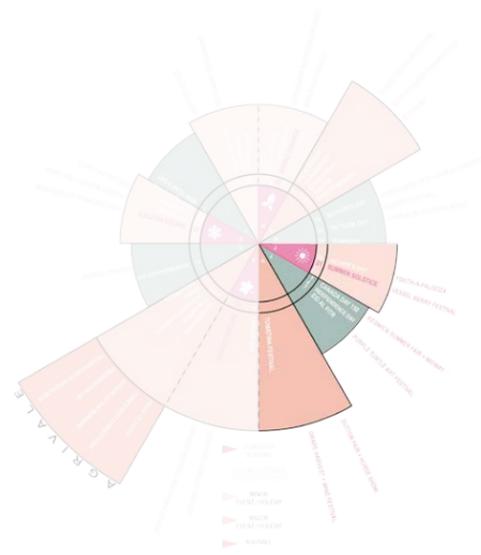


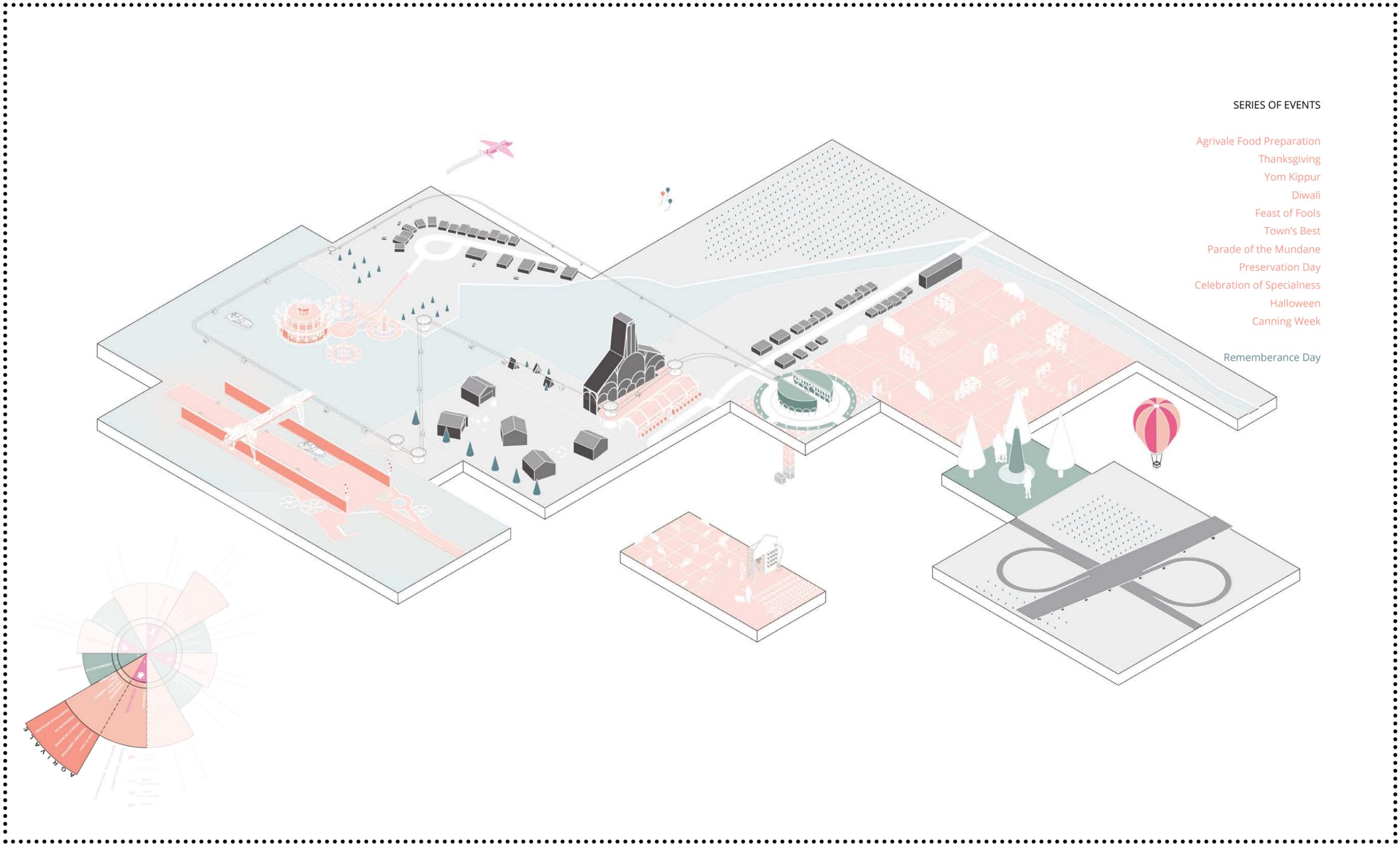
SERIES OF EVENTS

Father's Day Dinner
 Youth-A-Palooza
 Vesselberry Festival

Canada Day
 Keswick Sumer Fair + Midway
 Purple Turtle Art Festival

Tomatina Festival





SERIES OF EVENTS

- Agrivale Food Preparation
- Thanksgiving
- Yom Kippur
- Diwali
- Feast of Fools
- Town's Best
- Parade of the Mundane
- Preservation Day
- Celebration of Specialness
- Halloween
- Canning Week

Remembrance Day

Agrivale in the Fall

SERIES OF EVENTS

New Years Eve Dinner

First Snowfall

Holiday Market + Toy Drive

Festival of Lights

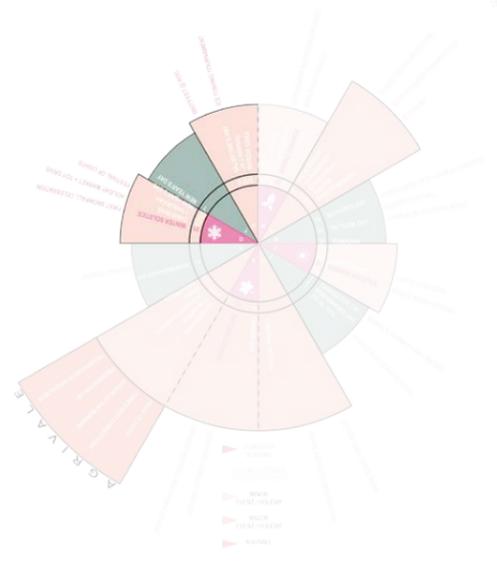
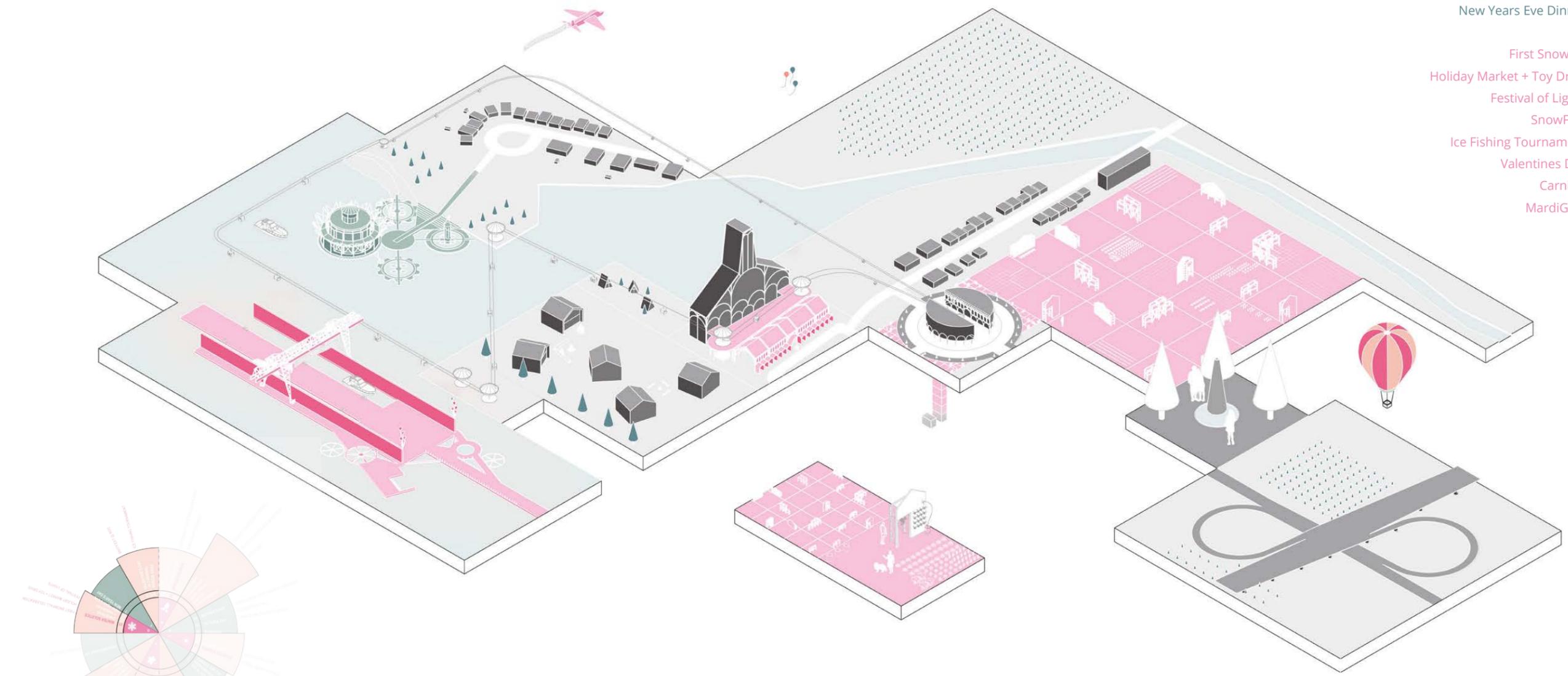
SnowFest

Ice Fishing Tournament

Valentines Day

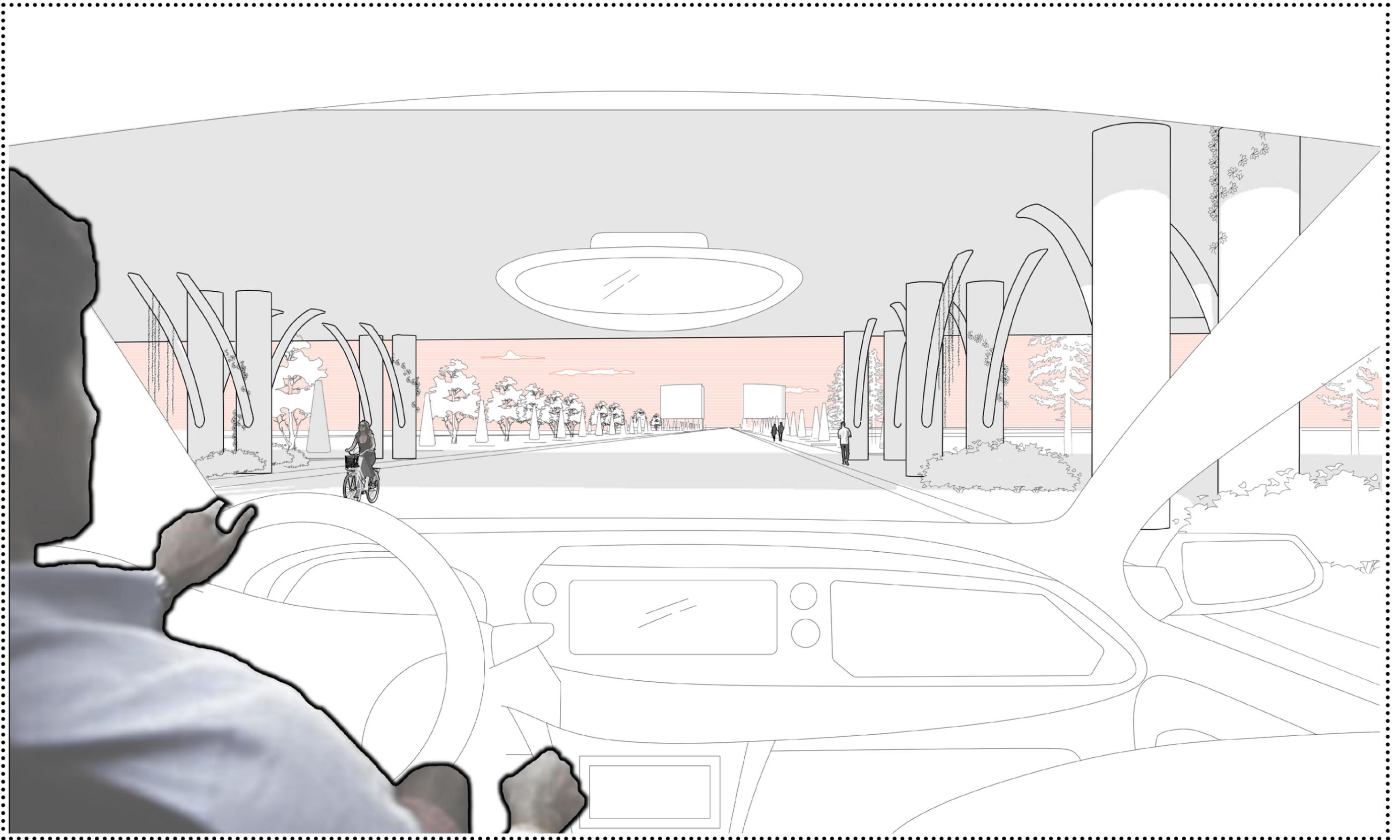
Carnival

MardiGras





The Sky Gondola Line Travels Over the River and Lake, Showcasing Keswick's Revitalized Waterfront



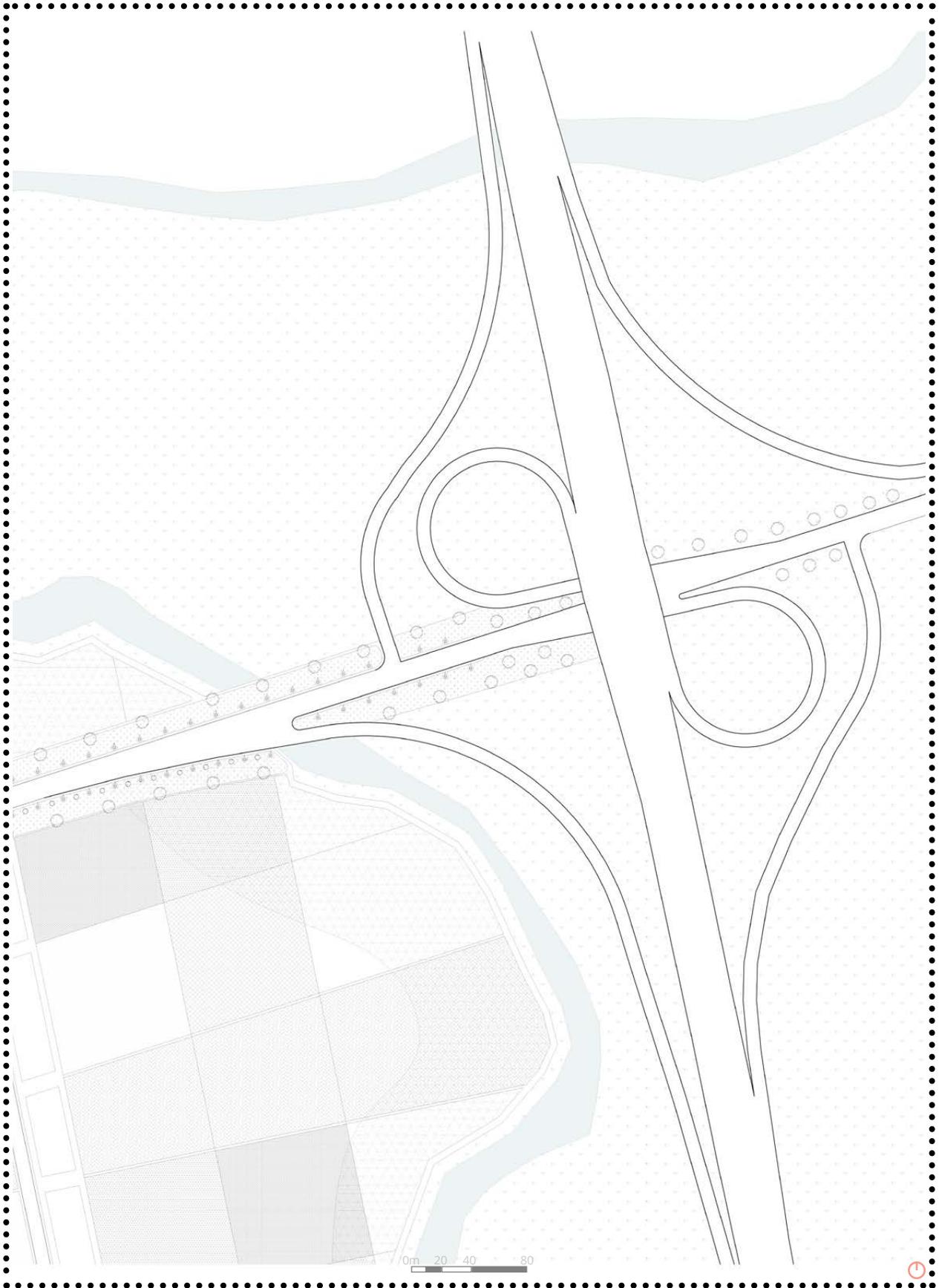
Arriving in Keswick from the Highway Off-ramp

2047. The highway. Long, white, thrilling; it's a blur of colours and shapes. This rideshare¹¹ is very relaxing. You feel the vehicle slowing and you shift in your seat. You are on the off-ramp... Keswick.

The highway does not end in Keswick anymore as it continues north, merging with highway 48. The off-ramp looks like the entrance to an Eden, only seen from the highway when driving under 80km/h and from the towns' side roads. An intricate construction of concrete and steel holds up the highway, its pillars overtaken by flora.

It's spring.

Today, 30 years later, the town has adapted and continued its transition toward a sustainable future with reduced emissions, thanks to the 2012 Doha Amendment to the Kyoto Protocol,¹² local farming methods and low-carbon development. Ride shares and highspeed buses have adapted to the electric world. There is still much to improve, but things are looking up.



Location Map: New Off-ramp for Highway 404 Extension

You depart Highway 404 down the off-ramp into Keswick.

It's a smooth curve.

The rideshare winds around and under the belly of the highway's concrete columns. It is akin to driving through the most modern of cathedrals; Monolithic arcades of polished concrete frame veils of light, streaming through each void. Vines and flowers crawl towards the sky, as if they are part of the columns.



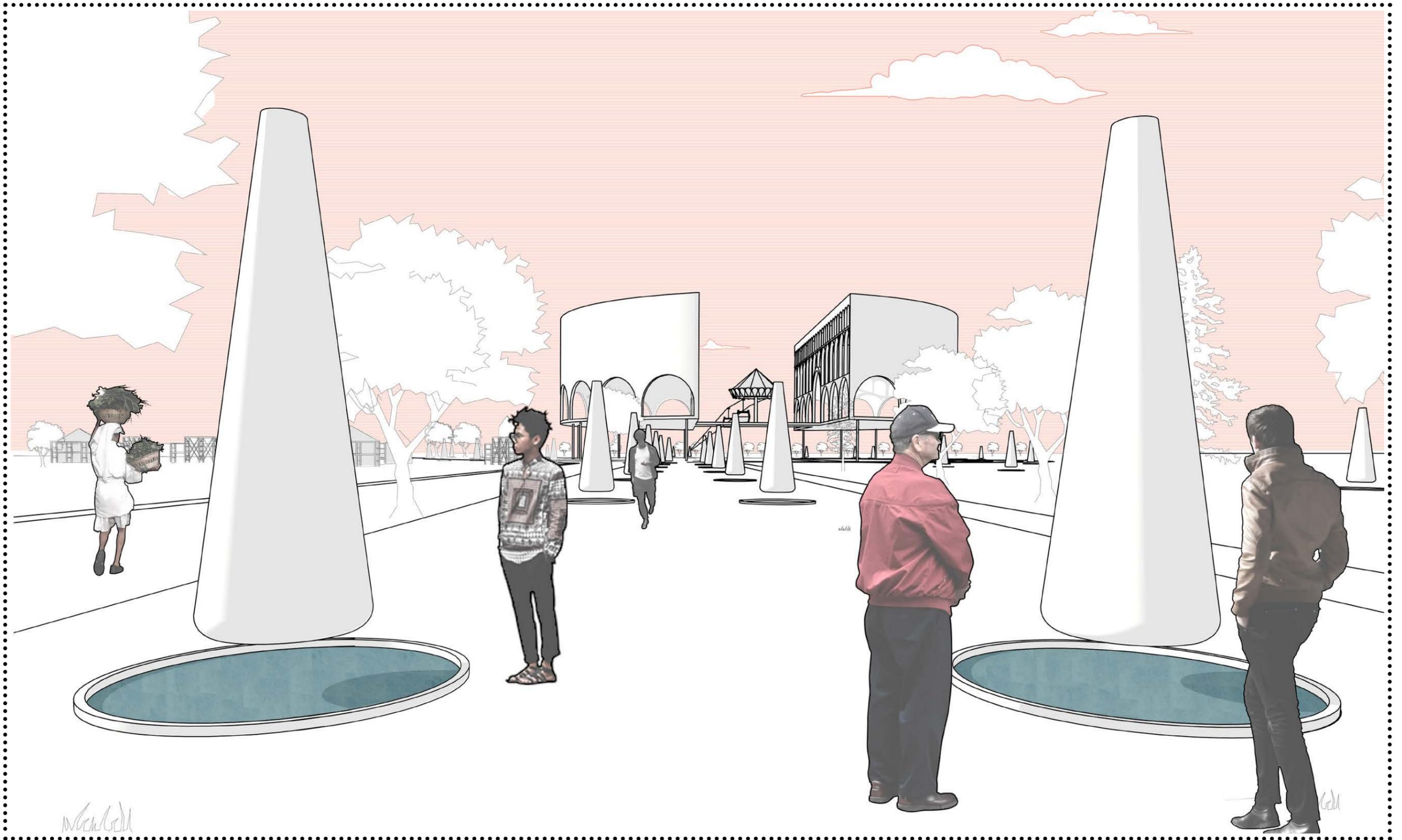
Welcome to Sustainable Keswick

Welcome to Sustainable Keswick. Home of Agrivale: Where we play with our food!

Keswick promotes the means of living a self-sustainable and locally driven lifestyle, focusing on enjoyment and a happy life through food and leisure. By playing, being socially engaged, with food one connects with it on a deeper level - making food an important aspect of living.

ENDNOTES FOR HIGHWAY

- 1 Andrew Hind, et al, *Secrets of Lake Simcoe*.
- 2 David Byrne, *True Stories*. DVD. USA: Warner Bros., 1986.
- 3 S. Hillis, "China to eschew fast growth in new economic plan". *Environmental New Network*, October 7, 2005. http://www.enn.com/today_PF.html?id=8980.
- 4 Juliet Schor, *Minimalism: A Documentary About the Important Things*
- 5 *Ibid.*
- 6 *Ibid.*
- 7 John Ivanko, "9 Strategies for Self-Sufficient Living," *Mother Earth News*. Oct/Nov 2013, <http://www.motherearthnews.com/homesteading-and-livestock/self-reliance/self-sufficient-living-zm0z13onzrob?pageid=5#PageContent5>. (accessed March 27, 2017).
- 8 Jacob Tierney, "Relationships", *Letterkenny*. February 7, 2017. <https://www.youtube.com/watch?v=qK4wyAsH8IA>.
- 9 Canadian National Exhibition Archives Department, "About the CNE Heritage Site", *CNE Heritage*, <http://www.cneheritage.com/about-our-heritage> (accessed November 15, 2016).
- 10 The Conklin Shows, "The History of Conklin Shows", *Conklin Shows*, <https://conklinshows.com/history/index.html> (accessed November 15, 2016).
- 11 Scott Dadich, "Episode 03", *WIRED*. Podcast audio, <https://www.wired.com/2016/01/editors-letter-february-2016/#article-comments>. January 20, 2016 (accessed March 10, 2017).
- 12 United Nations, *Kyoto Protocol*, http://unfccc.int/kyoto_protocol/items/2830.php (accessed March 1, 2017).



Walking amongst the Memorial Forms in the Marble Forest

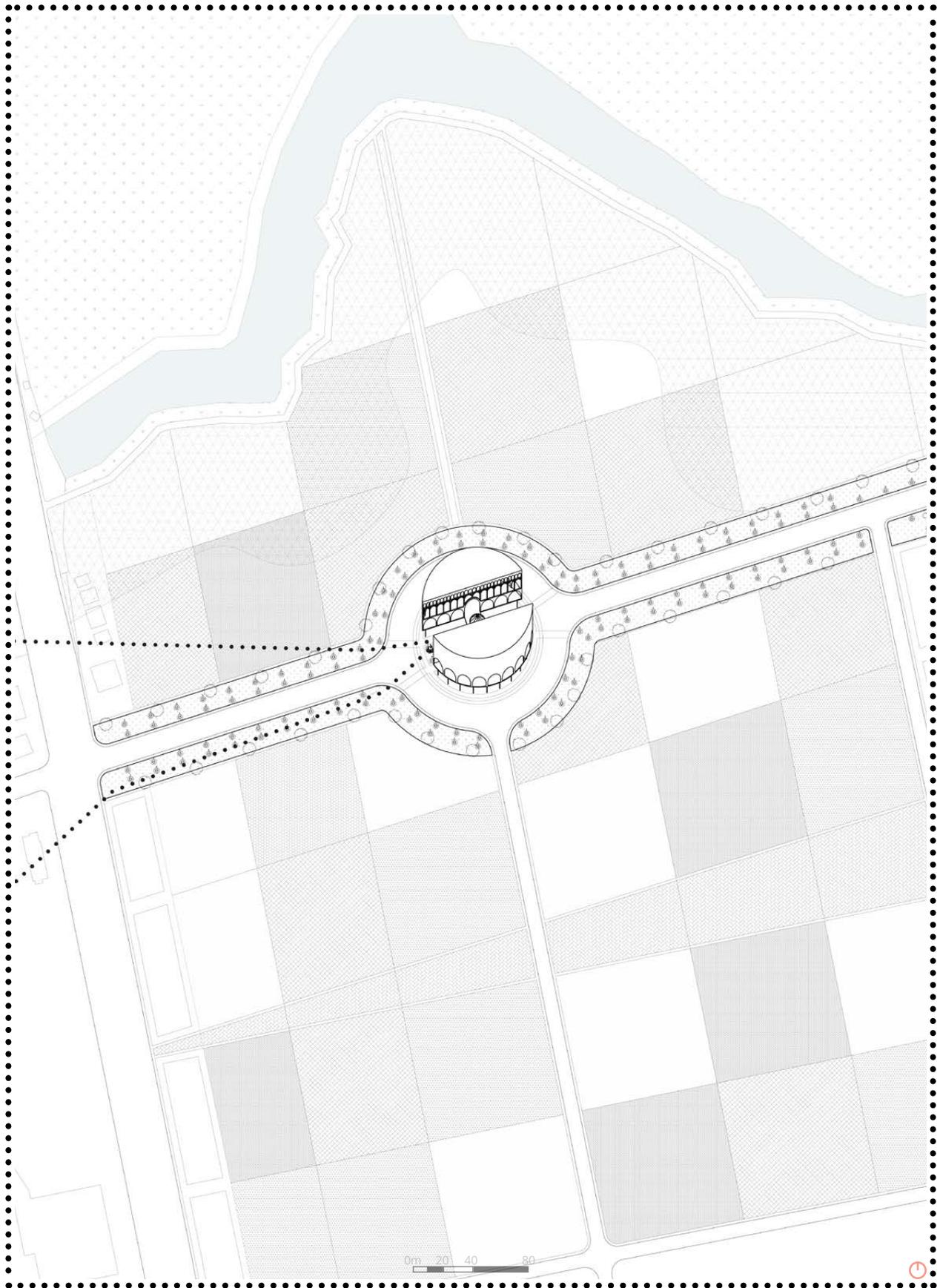
MARBLE FOREST

“Recomposition weaves the cycles of life into the urban fabric and reminds us that as humans, we are deeply connected to the natural cycles.”

You enter the town. Concrete trees line the road - They are beautiful.

This entrance identifies the beginning and end of a cycle. The birth of plants and the passing of humans. The concrete trees that line the road are a new form of tombstone. The slender cone shapes recall cypress trees leading to cemeteries in Europe.² They identify the town's mourning space and, as with everything in this transitioning town, has a dual purpose. This is where reposition³ takes place. Those who have lost their lives surrender their bodies back to the earth, promoting life after death. Thereby nourishing trees, plants and flowers.

The edges of the road are lush. Plaques inscribed with names hang from some of the bigger trees; *July Jones - a loving mother and wise woman; Big Billy Burton - always there to pull you out of the ditch; Tom the Mechanic - "don't forget to change your oil"*.



Location Map: Marble Forest and Recomposition Center

Oil.

That hasn't been around in a long time... Did he mean vegetable oil?

Recomposition: At the heart of the Urban Death Project a “new system of disposition called Recomposition, [...] gently transforms bodies into soil. It is replicable, straightforward, and elegant, removing the manufactured barriers between death and the natural processes of renewal. Environmentally, it is a vast improvement over the industry standard.”⁴

In 2015, the world's governments agreed to maintain global warming below 2°C.⁵ “It's way more than adding solar or wind,” says Rockström. “It's rapid decarbonization, plus a revolution in food production, plus a sustainability revolution, *plus* a massive engineering scale-up [for carbon removal].”⁶

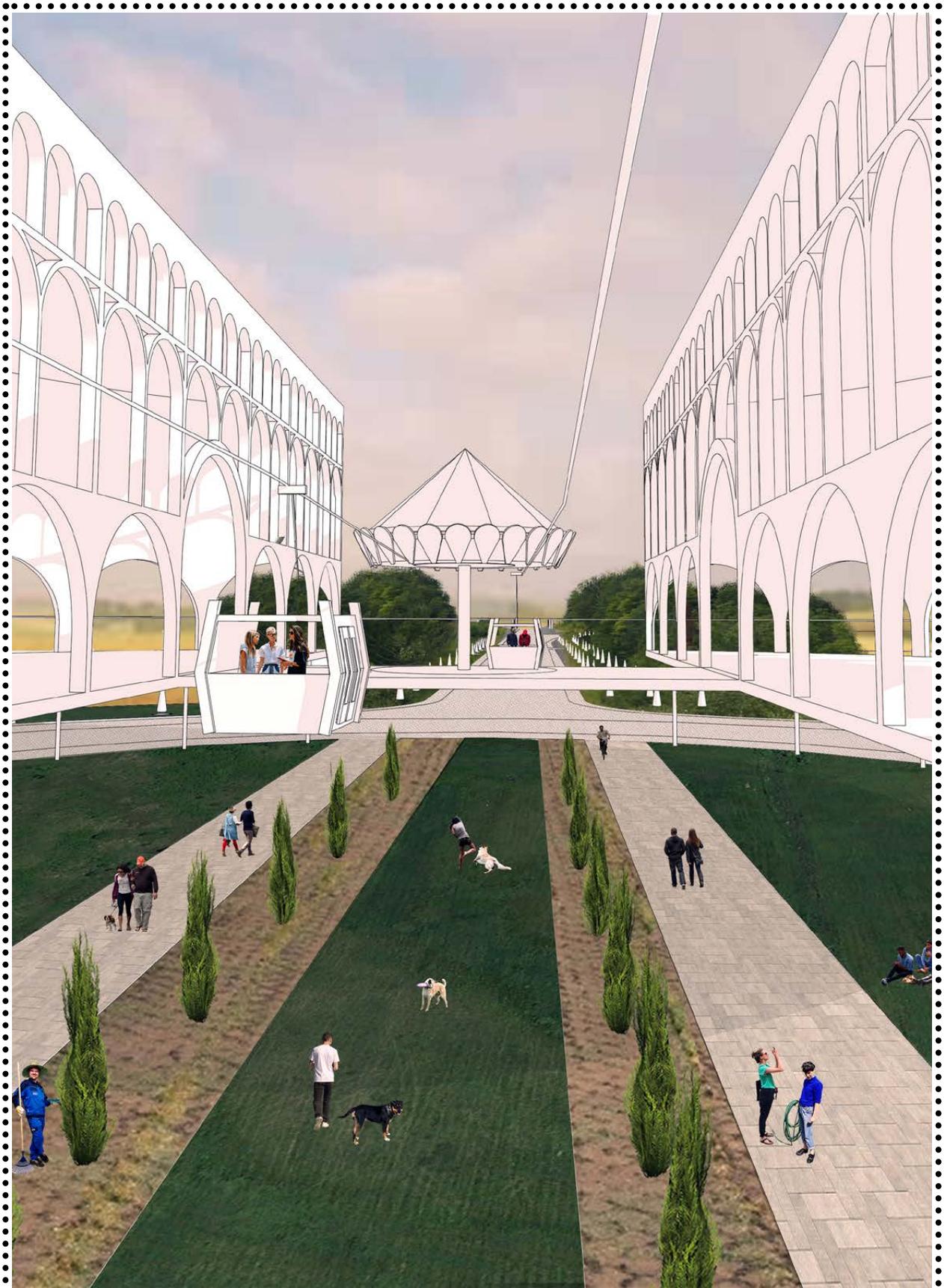
The concrete forms stand as soldiers, seemingly floating on round reservoir ponds. The area of the Marble Forest is self-irrigating. When rain falls onto the forms it is directed into the ponds, where it is released as needed to the gardens of the forest.

As you pass by the concrete forms and rows of trees, a building appears in the distance. It's in the middle of a roundabout... How do you get to it?

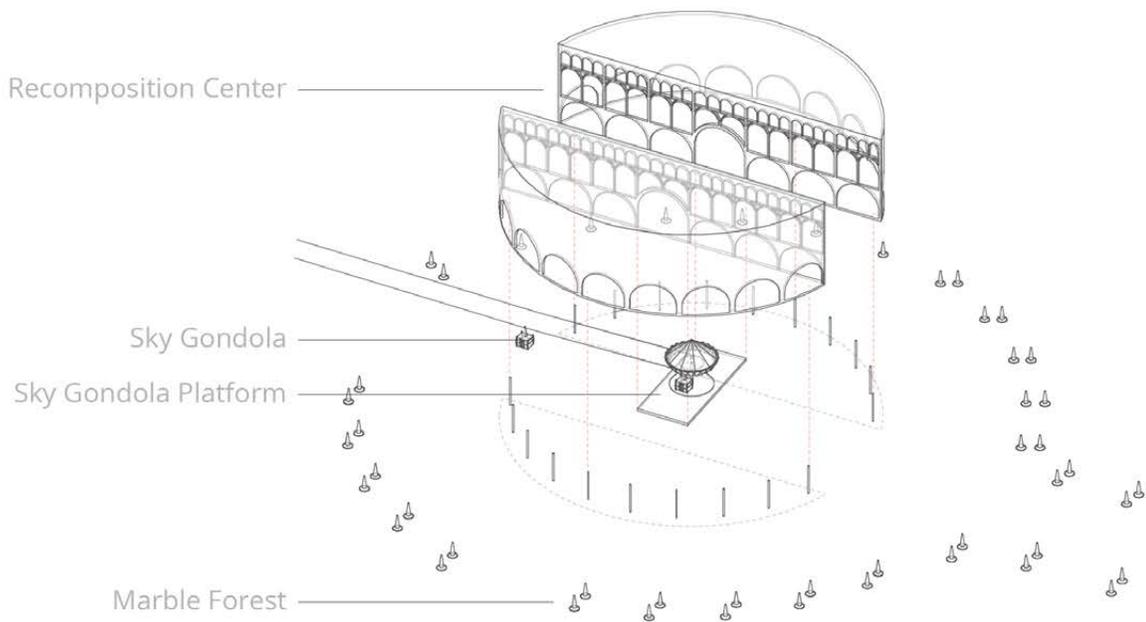
The rideshare slows as it approaches the roundabout. You come to a stop - pedestrians have the right-of-way. It looks like a service of some kind... this must be the Recomposition Center.



Cypress Trees Guarding the Road



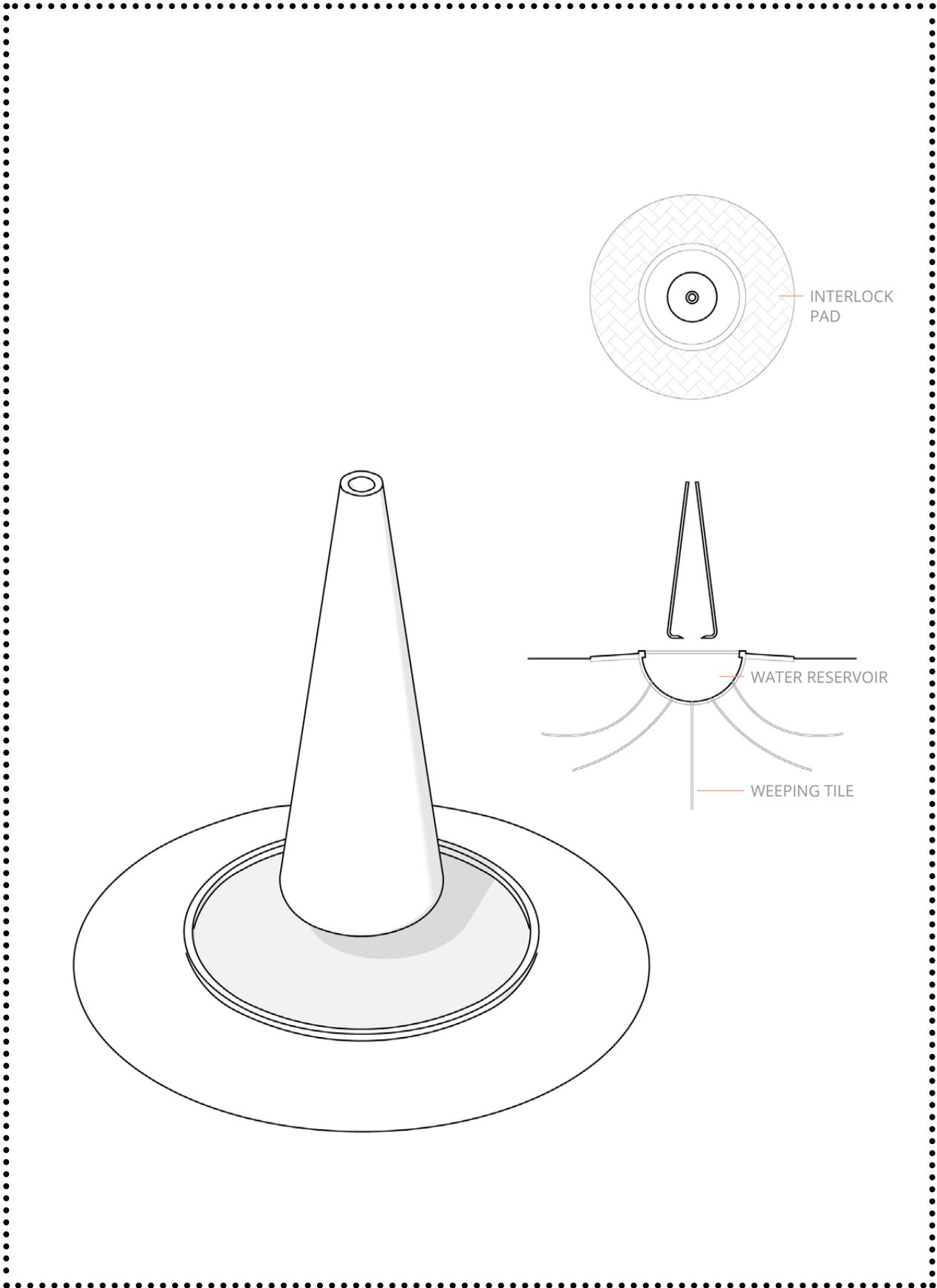
The Recomposition Center is an Attraction for Many Tourists and a Well Visited Park for Locals



Recomposition Center and Marble Forest Isometric

The building stands tall on the roundabout with a cut through its center. The ground is replete with gardens that crawl up the façades. Sitting on pillars, the ground floor is clear and open allowing visitors to meander and reflect on the gardens. The fertilizer that nourishes the forest is created here. Death is nothing to be feared in Keswick, as the circle of life lives on in the town's forest and gardens. These tell the story of individuals, their posterity remembered in the present and into the future.

The rideshare driver spits out some facts about how traditional burial methods used to cost something like \$20 billion in the United States, pushing families into debt.⁷ And that each year the amount of steel buried could re-build the Golden Gate Bridge, the amount of wood buried could build 1800 single family homes and the amount of embalming fluid used could fill eight Olympic-sized swimming pools – not to mention the amount of carbon-dioxide created by cremation emitted into the atmosphere.⁸



Marble Forest Memorial Trees

It's no wonder the world made the transition.

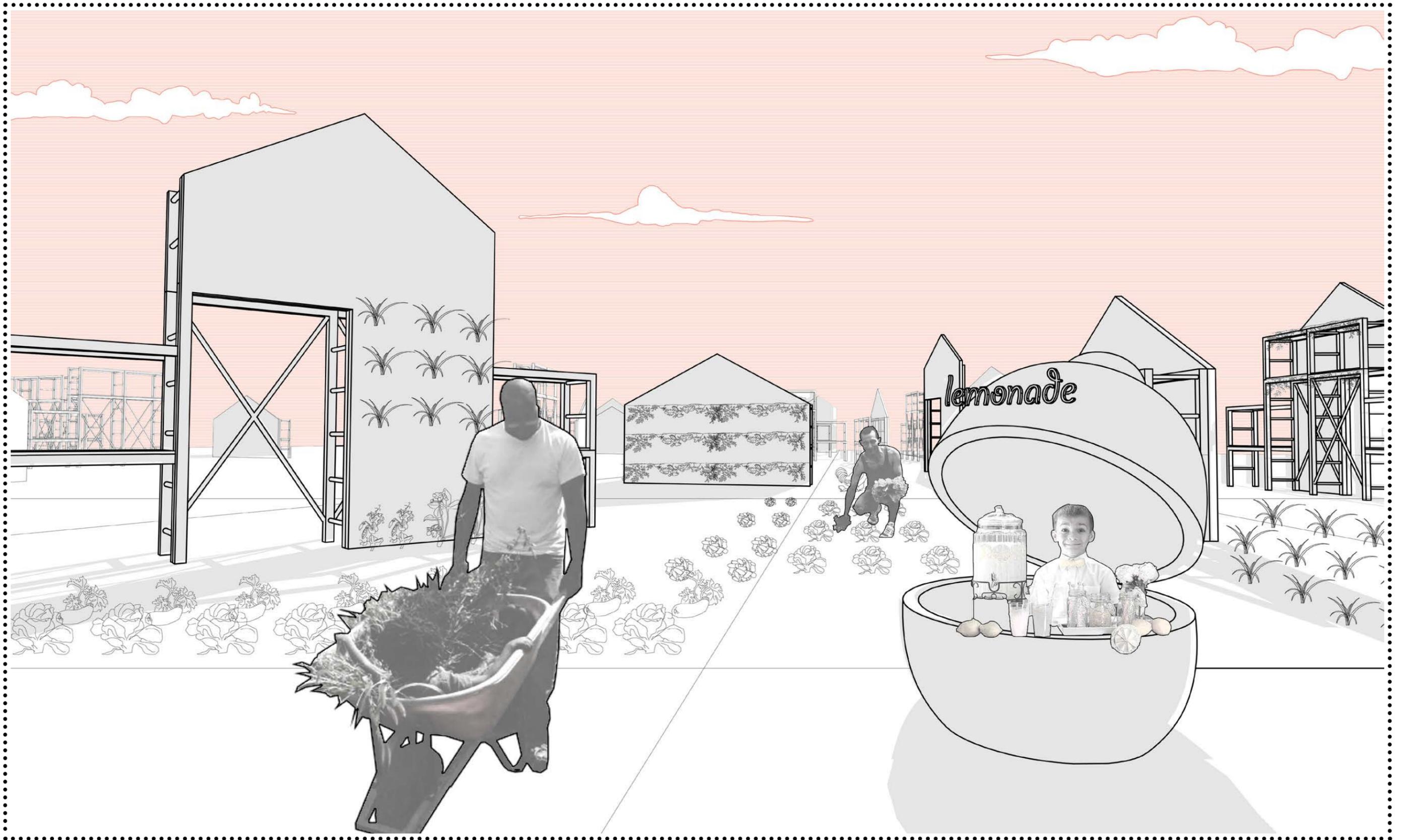
He then begins to tell you about the first time he converted his diesel truck into a WVO (Waste Vegetable Oil)⁹ truck. It took a few tries, but it worked. Crazy to think that vegetable oil can power a vehicle, but today people choose electric – it's less messy. WVO trucks are old school now, although you still see some traditional hot rods here and there. They are extremely expensive to run (gas is illegal) so most people have them on display.

The goal to become carbon-neutral is far from achieved, but we are following the 2015 Paris Agreement.¹⁰ By now we should have CCS (carbon capture and storage) units “removing 100 to 500 megatons of CO₂” annually...

The car stops.

ENDNOTES FOR MARBLE FOREST

- 1 Urban Death Project. <http://www.urbandeathproject.org/>.
- 2 Hayden Peters, "Know Your Trees: Symbolism, The Cypress", *Art of Mourning*, July 9, 2011, <http://artofmourning.com/2011/09/07/know-your-trees-symbolism-the-cypress/> (accessed March 27, 2017).
- 3 Urban Death Project, FAQ. <http://www.urbandeathproject.org/faq-1/>.
- 4 Ibid.
- 5 Brad Plumer, "Scientists made a detailed "roadmap" for meeting the Paris climate goals. It's eye-opening." *Vox*, March 24, 2017, <http://www.vox.com/energy-and-environment/2017/3/23/15028480/roadmap-paris-climate-goals> (accessed March 27, 2017).
- 6 Ibid
- 7 Ibid.
- 8 Urban Death Project UDP, "Urban Death Project Kickstarter Video". YouTube video, 04:34. April 28, 2015. https://www.youtube.com/watch?time_continue=5&v=l6LDRQV6XbA
- 9 Cahalan, "Everyday Environmentalist, Run Your Car on Vegetable Oil". *The Nature Conservancy*, date unknown, <https://www.nature.org/greenliving/gogreen/everydayenvironmentalist/run-your-car-on-vegetable-oil.xml>
- 10 United Nations, "Adoption of the Paris Agreement," *Framework Convention on Climate Change* (2015), <http://unfccc.int/resource/docs/2015/cop21/eng/l09.pdf>. (accessed March 27, 2017).



Lemonade and fresh vegetables are always available in the Facade Farm

FACADE FARM

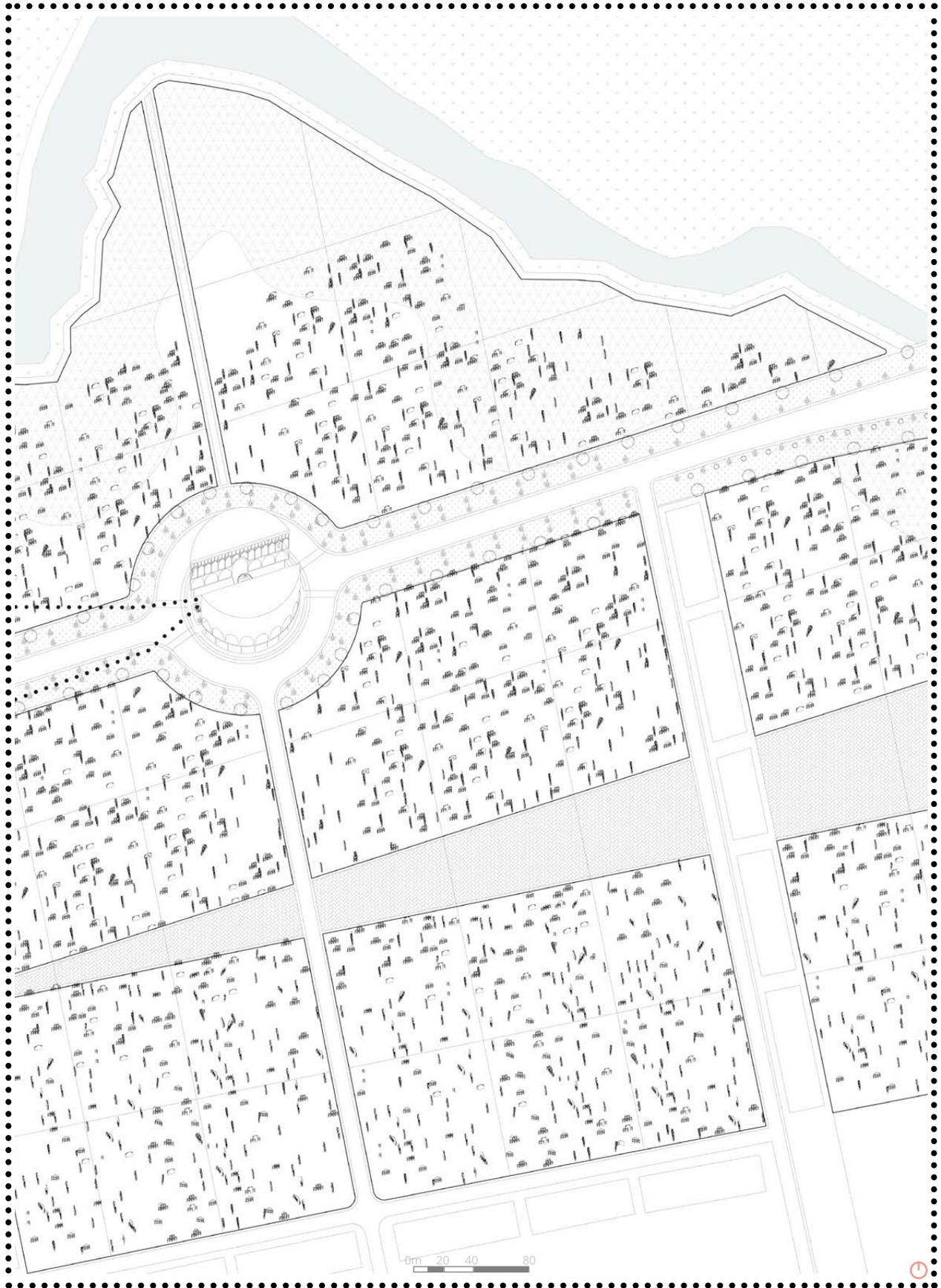
“The nation that destroys its soil, destroys itself.”¹
“We can grow a fortune by cultivating a new green economic model, for a fair and balanced sustainable future.”²

You arrive at a rideshare station, flanked by the forest. A sky gondola is taking passengers to their destination above you. Summer is the best time to travel in a gondola; a little wind from the movement, the sun on your face and seeing the activity below!

A lemonade stand with two little children are set-up across the street.

LEMONADE: Freshly squeezed by us! By trade or \$2.

With the focus on sharing and community, trade is an integral part of Keswick and Agrivale. It allows for the circulation of goods within the community. This lemonade stand is one of many, as children from the town set up their booths each morning to trade amongst each other and showcase local goods and produce to tourists. Tourism provides economic growth for Agrivale during its larger seasonal festivities such



Location Map: Facade Farm

as Easter in the spring, the Summer Solstice, the main harvest festival of Agrivale, and the Festival of Lights in the winter. Vacationers flock to Keswick to indulge in all aspects of Agrivale; food, music, performances, amusement, and to experience the contrasts of small town life from urban living.

You purchase a lemonade for \$2 and continue through the forest. The trees part and you find yourself at an opening. A vast field of single garden plots and vertical wall gardens are scattered throughout.

It's sublime.

Here, a symbiotic relationship between technology and nature is presented; a playground of food.

Keswick has transformed its existing corn and sod fields into individual 10m by 10m garden plots. The transition from monoculture to permaculture allows for a diversity in soil nutrients and increases

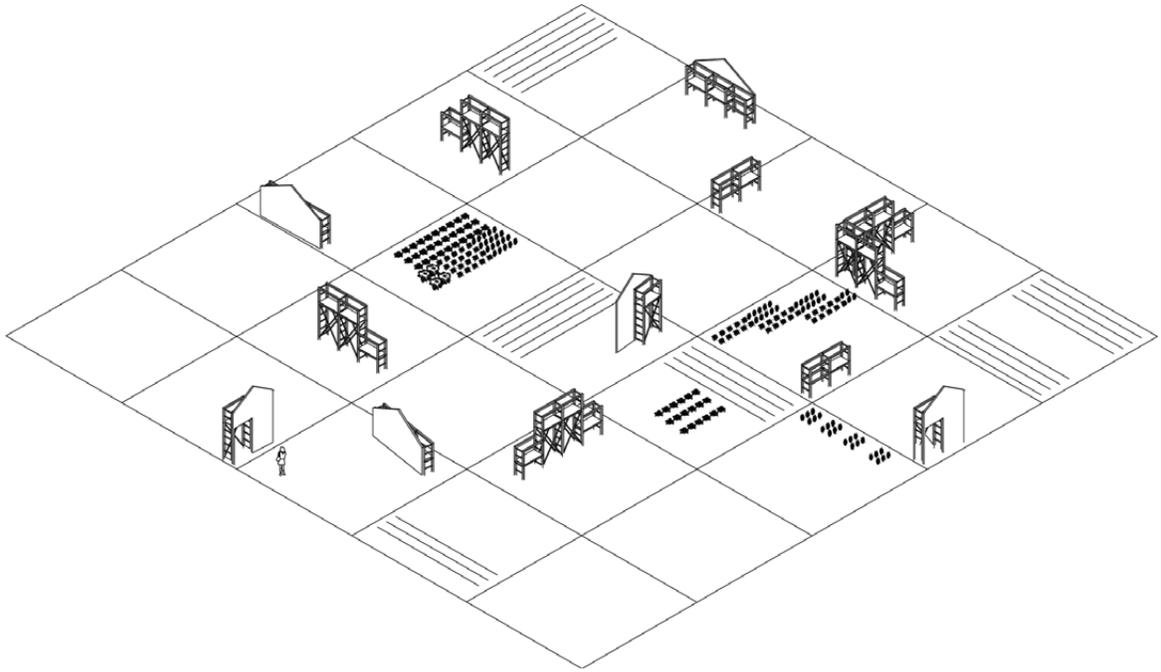
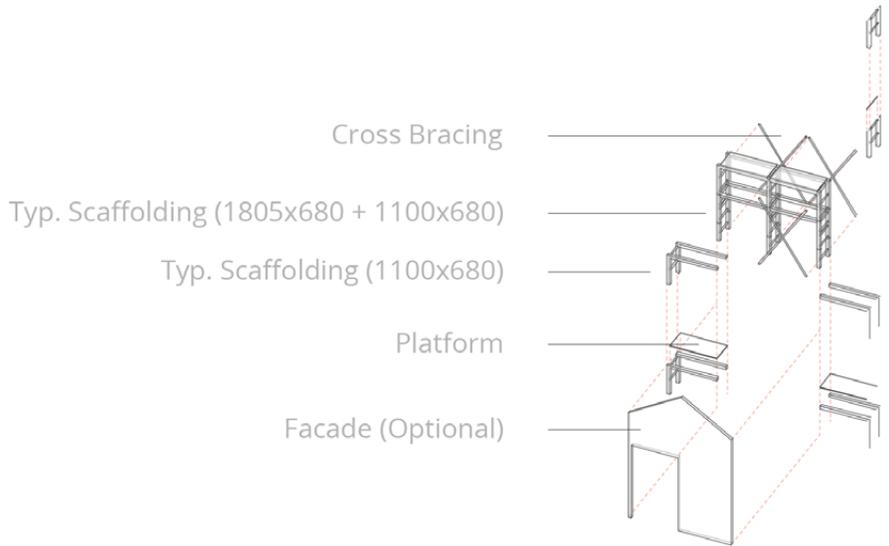
the biodiversity, creating nutrient rich soil. Industrial agriculture, monoculture, creates negative impacts on the environment, public health and an unsustainable practice for long term food sources.³ Smaller plots permit easy crop rotation and locals choose what to grow. Many of the sub-communities designate a small number of plots to potatoes, garlic, and carrots, as fruits are easily grown in backyards, and the major gardens are located at the Marina.

A local man in his garden waves you over. His plot is one-third outdoor gardening, and two-thirds glasshouse - a translucent food laboratory wrapped in thin photovoltaic cells.⁴ He tells you about his solar harvesting and how it feeds back into the community power grid.

The Façade Farm keeps the traditions of farming and adapts them to future needs, focusing on sustainability and food security. Because everyone in town is provided with a plot of land, and communities encourage each other to share and trade, no one goes hungry. Everyone has the opportunity to garden, and if the circumstances arise



The Facade Farm is an Interactive Playground for the Community



Facade Farm and Construction Isometric

where they are not able, a service is provided. This service is known as the Lawn Mower Brigade (LMB). Volunteers, who began as lawn care specialists, maintain plots in the farmland and deliver fresh fruits and vegetables to their owners. Brouwer Sod Farms Ltd., now Brouwer Farming, provides the infrastructure for the brigade and certifies all farming equipment, making sure to abide by the rules of sustainability and a goal to carbon-neutrality.

You walk further into the farm land, passing more photovoltaic facades and a few hanging gardens, arriving upon the banks of the Maskinonge River.

A sign illustrating a *Save the Rusty Patched Bumble Bee* is overgrown with tall grass.⁵ It's a good thing they aren't endangered anymore. The wooden boxes in the fields must be their hives.

The Maskinonge River and Watershed are in remediation. The community, despite its population growth, continues to support the

natural quality of the shoreline areas through the farm and forests' vegetative cover.⁶ A revised mandate from the Environment Canada Habitat Guidelines for vegetation near water requires towns and cities to ensure a minimum of 35% coverage for woodlands, a minimum of 15% for wetlands, and a minimum of 80% for riparian vegetation, a 5% increase from the mandate in 2008.⁷ These woodlands, wetlands and riparian areas in Keswick provide social – parklands, farming, gardening – and ecological functions – maintaining biodiversity and impacts on water quality.⁸ The preservation, monitoring and planning of these areas safeguard the quality of the water in the lake and river.

Another gondola passes overhead. You follow the cables back to the roundabout and jump on the next car.

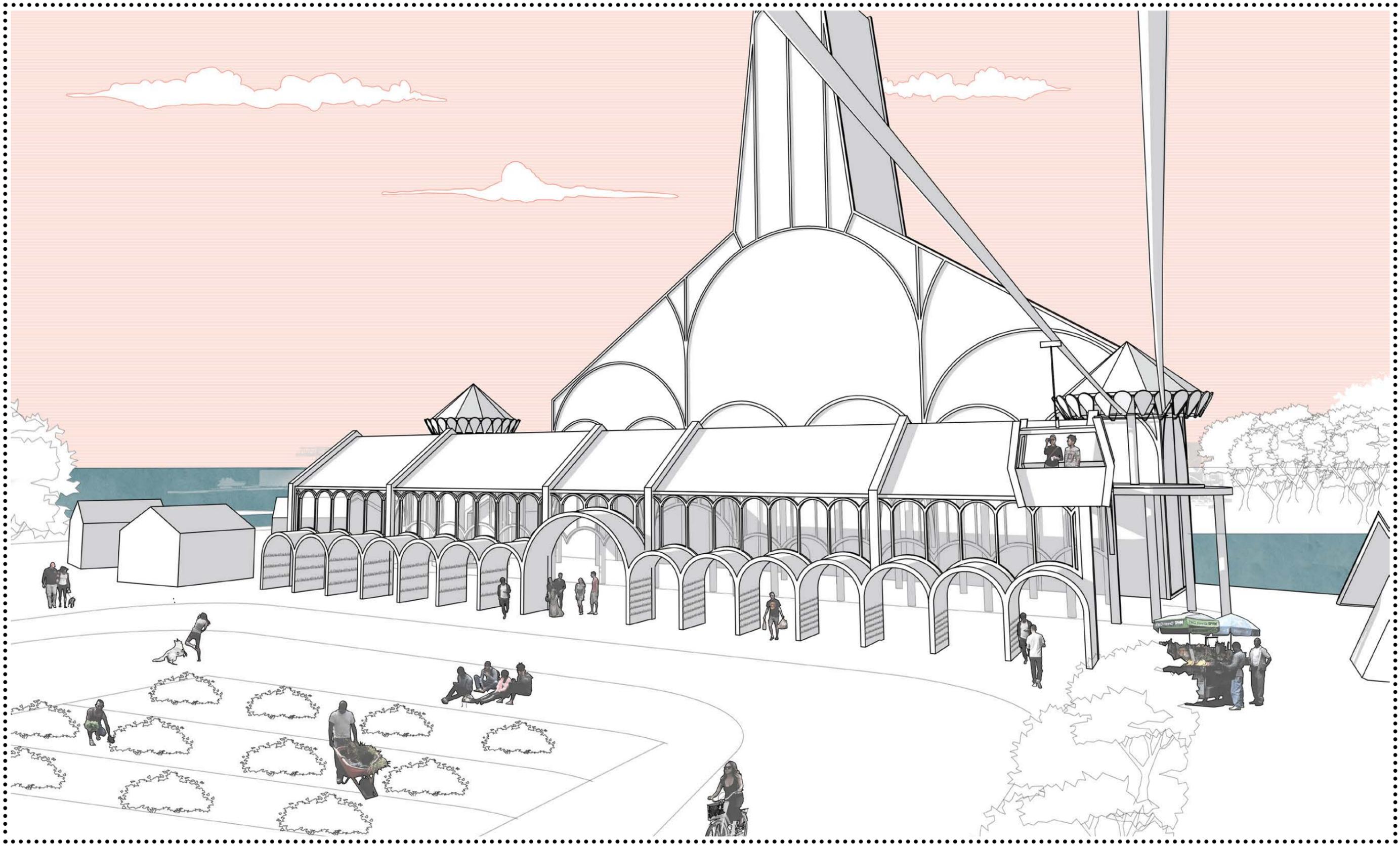
Public transit is free. Solar and electric power allow rideshares, buses, gondolas, etc. to charge only during off-peak hours. Power is stored in rechargeable batteries at the bank.

You look down at the plots, each distinct in their own way,
growing anything and everything the town needs.

During Agrivale the Façade Farm provides root, vine and leaf vegetables prepared for festival feasts. The community creates a menu from donations of produce and meats, and honey and sap collected from hives and orchards are used as natural sweeteners. The parades showcase innovative equipment, from farming to gardening, including fun and educational floats. The Lawn Mower Brigade marches around town showing off decorated electric mowers and delivery carts, handing out fruits and vegetables. In the summer months, bee keepers hand out honeypops and taffy, whereas in the spring sap is spun into maple floss and hardened into maple toffees.

ENDNOTES FOR FACADE FARM

- 1 Franklin D. Roosevelt.
- 2 C.J. Lim, *food city*, (New York: Routledge, 2014), 178.
- 3 Union of Concerned Scientists, "Industrial Agriculture: The outdated, unsustainable system that dominates the U.S. food production," http://www.ucsusa.org/our-work/food-agriculture/our-failing-food-system/industrial-agriculture#.WNp_PfnytPZ.
- 4 Lim, *food city*, 209.
- 5 "In a race against extinction, rusty patched bumble bee is listed as endangered", U.S. Fish & Wildlife Service, January 10, 2017, <https://www.fws.gov/midwest/news/861.html>.
- 6 Joelle Young and Hamdi Jarjanazi, *Lake Simcoe Monitoring Report* (Ontario: Queen's Printer for Ontario, 2015), <http://www.lsrca.on.ca/Shared%20Documents/reports/moecc-lake-simcoe-monitoring.pdf>.
- 7 *Ibid*, 16-18.
- 8 *Ibid*.
- 9 "About the CNE Heritage Site," CNE Heritage, April 28, 2017, <http://www.cneheritage.com/about-our-heritage>.



Arriving at the Emporium via the Sky Gondola

EMPORIUM / MARINA

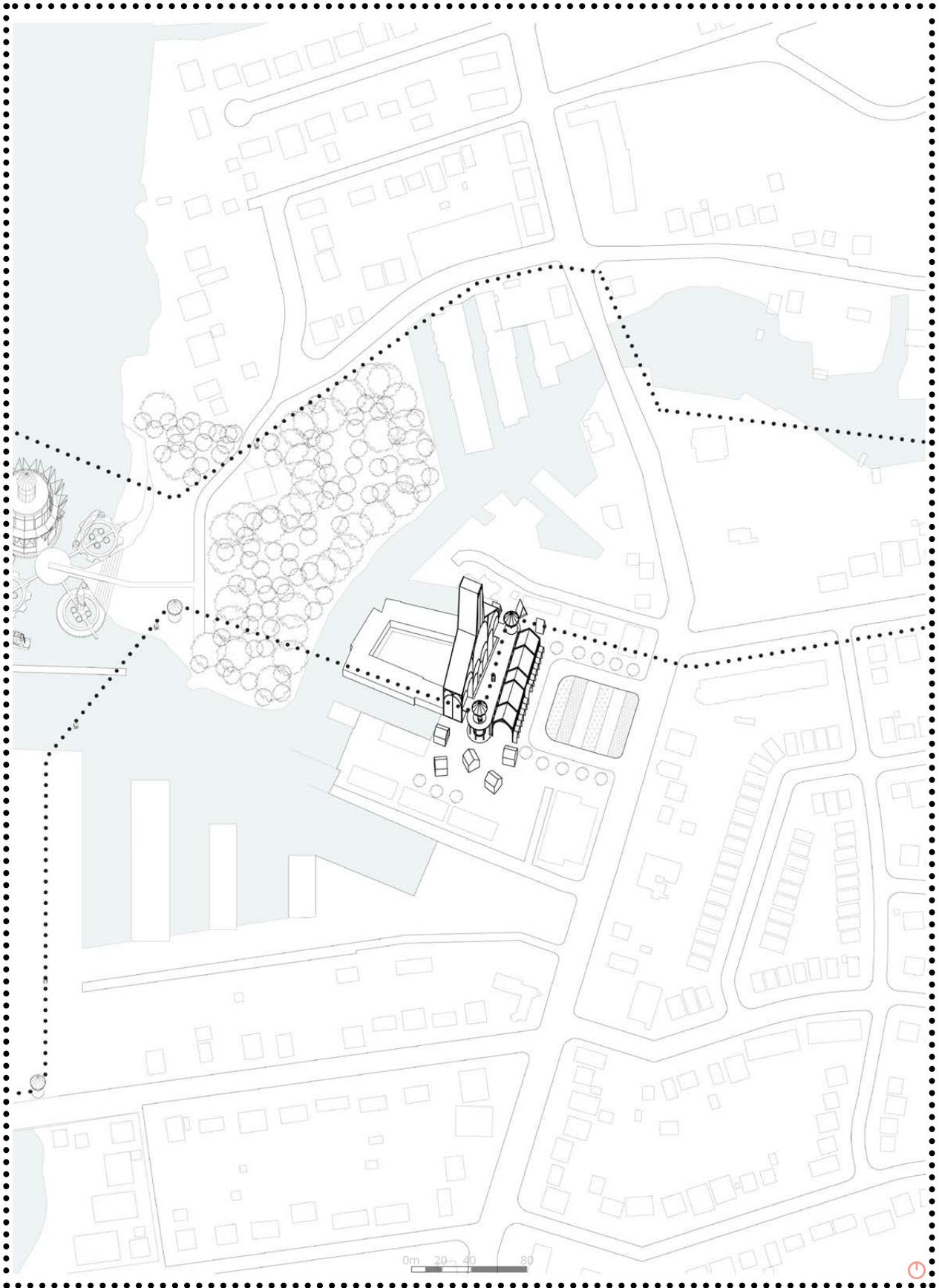
“The shopping center which can do more than fulfill practical shopping needs, one that will afford an opportunity for cultural, social, civic and recreational activities will reap the greatest benefits.”¹

The gondola picks up some students from the high school.

Next stop, the Marina.

A few moments pass and you see the waterfront. Finally,
the lake!

The Marina is the hub of the town. Providing entertainment and a social gathering place it houses a brewery, restaurants, the community kitchen, the hotel and emporium, and quaint cabins that offer a cottage-like stay. Keswick, and its neighbouring waterfront locations, is considered the original “cottage-country” in Ontario.² With its access to the shore, the Marina is teeming with people during all times of the day and throughout every season. Its main attraction is the Emporium, comprised of the hotel, community kitchen and arcade. In the springtime, it houses a flower festival showcasing edible florae and gardening techniques. In the summer and fall it is host to many tourists, vacationers and food enthusiasts. Cooking classes take place in the kitchen and garden markets are held every Sunday.



Location Map: Emporium

You walk through the arcade. Herbs fill the arches and you

hear a faint trickling of water.

A fountain is centered at the end of the walkway.

The mint leaves are delicious.

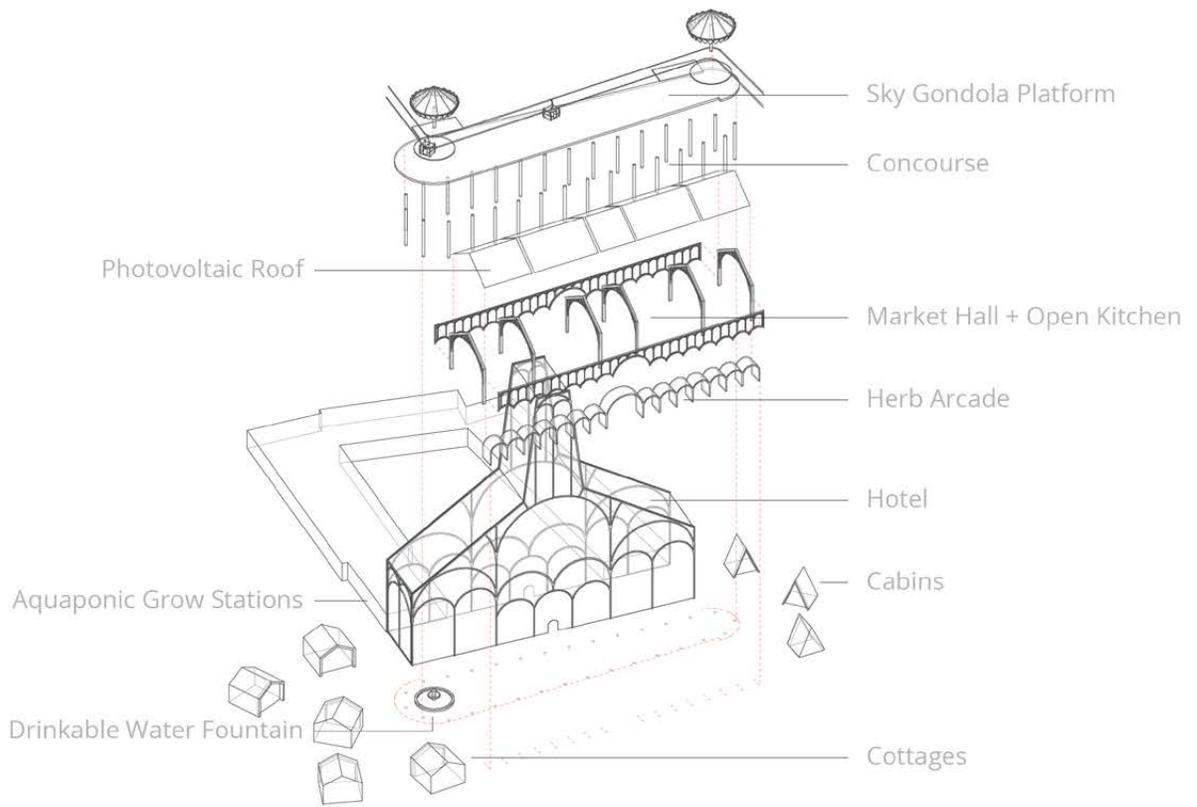
While providing information and learning opportunities, the Marina also offers various employment prospects through entertainment, hospitality, service and harvesting occupations. The Marina supports over 1000 jobs, 40% of which are in the hotel and lodging industry.³

Tourists and visitors have the option to stay in the hotel, at a bed and breakfast or in cabins. The B&B's and cabins exude a rustic, cottage-country feel. All food and beverage ingredients are grown locally, most on-site, and are prepared within the luxuries of a scratch kitchen.

The history of the Emporium dates to the early Medieval times. Trading settlements were established at peripheral locations, typically on a shore.⁴



Events Are Held at the Emporium's Market Hall Every Weekend



Emporium Isometric

Living in a world where processed foods are almost non-existent is a breath of fresh air. No more junk - just clean eating and living.

Behind the Emporium you see the docks. Old signs with the word "Crates" hang from one of the boathouses. Another is spelled with a "K". An informational timeline explains its history: *1930 Fred Crate establishes F.S. Crate and Sons fishing boat rentals; 1940's Crate's boat-building shifts to launches and cruisers; 1950's F.S Crate and Sons becomes a Chris Craft dealer (largest in Ontario and Canada); 1964 Lloyd Crate takes over F.S Crate and Sons and renames it Crate Marine Sales Limited; 1964-1994 Crate's enjoys success and purchases adjacent Dawson's Marina, expanding to over 500 slips; 2015 Crate Marine Sales Limited is bought for \$25.9 million and renamed Krates Marina Ltd.;⁵ 2020 MURC canceled and Marina to take on recreational project,⁶ Emporium is built including gardens, glasshouses and aquaponics center; 2030 Hotel and lodges are built to accommodate increase in tourism and Eco-*

enthusiasts; 2040 Today, we welcome you to our home. A place dedicated to the leisure activity of boating with a focus on the future. We strive to provided a carbon-neutral environment that appeals to the senses and creates excitement.

We love what we do – because we do what we love!

The Marina houses aquaponic grow stations in refurbished yachts stationed in the boathouses. With celebrations every season, hydroponics allows for the growing of fruits and vegetables outside their typical harvest period. Provincially known for growing vesselberries, Keswick is famous for its compotes, jams and jellies.

Keswick plans to build a multi-use recreation complex (MURC) in 2024 – but recent discussions are proposing a fast-track build in 2017.⁷ Timing and funding is an issue in the construction, and the placement seems to be ill-conceived with the proposal at the corner of Ravenshoe Road and Woodbine Avenue in the south of Keswick. This area is not developed and far from the residential area – how are children supposed to travel to the MURC when the transit in Keswick is unreliable and infrequent? As a \$30 million

project, the town should look to the Marina to house such a recreational complex.⁸ It is comprised of 30-acres and currently has two outdoor swimming pools – why not build a recreation complex on the water, where recreational activities take place? The complex has a magnitude of potential for a development like the MURC...

"It's a mix of aqua farmed berries harvested from the grow yachts". A young lady with an apron and yellow rubber gloves informs you of the famous vesselberry – which is really a mix of berries, rather than a modified berry you might have had in the 2010's. She has a sample plate with her, so you take a napkin, then a cracker and spread the jam. The colour is off-putting, but a purple-green blob wouldn't be the worst thing you've eaten.

Delicious! It really is the best jam you've ever tasted!

"It's the algae from the lake water. It makes them taste amazing".⁹ She takes your napkin and disappears down the dock.

Agrivale's main service contributor is the Marina, providing cooking and prep space for large quantities of food as well as kitchen services for cooking the fresh produce from the aqua farms and glasshouses. Spring is celebrated with blooming flowers, Summer and Autumn with iced tea from the herb arcade, and Winter with canning parties to preserve, dry and freeze fresh goods for the colder months. The Marina and Emporium are the heart of Keswick's recreation and leisure.

ENDNOTES FOR EMPORIUM

- 1 Victor Green, *Shopping Towns USA, the Planning of Shopping Centers*, 267.
- 2 Gary May, "Away from the water, cottage process drop," *Globe and Mail*, August 24, 2012, <http://www.theglobeandmail.com/real-estate/away-from-the-water-cottage-prices-drop/article585016/>.
- 3 Unknown, *The Traditional Hotel Industry*, 2012, <http://biblio3.url.edu.gt/Libros/2012/check/1.pdf>.
- 4 Pam J. Crabtree, *Medieval Archaeology, An Encyclopedia*. New York: Garland Publishing Inc., 2001. <http://archmdmag.com/wp-content/uploads/2016/06/Encyclopedia-of-Medieval-Archaeology.pdf>.
- 5 "Under new management, but still celebrating the history," *Krates History*, <http://www.kratesmarina.com/krates-history/>.
- 6 Heidi Riedner, "Georgina taking deeper look at MURC." *YorkRegion.com*, July 4, 2016 <http://www.yorkregion.com/living-story/6752507-georgina-taking-deeper-look-at-murc/>. (accessed March 31, 2017).
- 7 Ibid.
- 8 Ibid.
- 9 "Algae", *UXL Encyclopedia of Science*. *Encyclopedia.com*, <http://www.encyclopedia.com/science/encyclopedias-almanacs-transcripts-and-maps/algae-1> (accessed March 30, 2017).



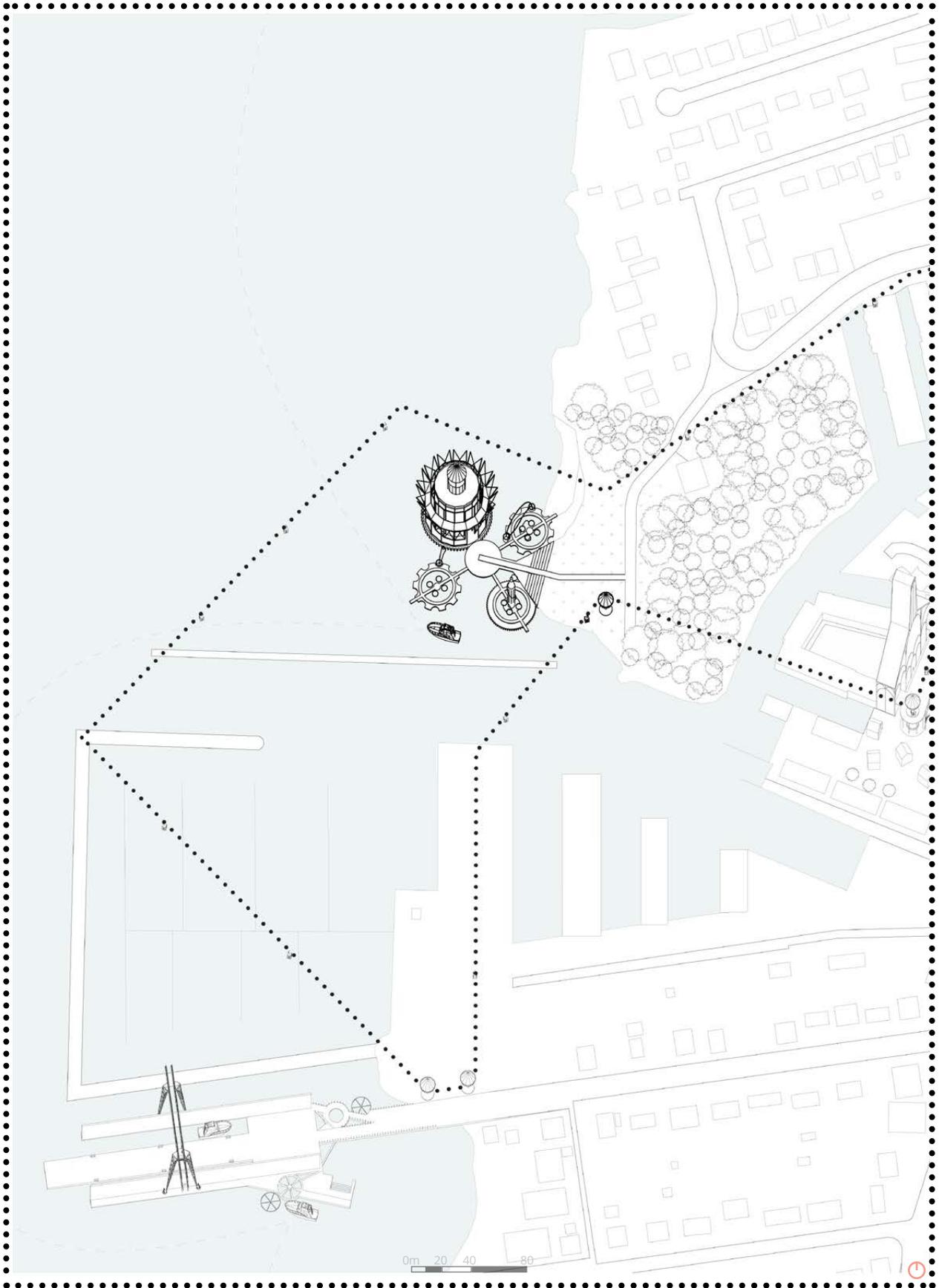
The Observatory is a great spot to lounge with friends amongst the constructed wetlands - escape to a local oasis

OBSERVATORY / MEET & MEAT MARKET

“We fantasize about food in galleries, museums and in movie theaters [...] its smells, textures and tastes manifest a city’s cultural heritage [...] and bring vitality and joviality to its streets.”¹

Located north of the river delta, a stretch of property is dedicated to the biodiversity of land and lake, and the rehabilitation of threatened and endangered birds, insects and plant species - The Peninsula. With cabins at the Emporium providing the cottage experience for tourists, this area of Keswick piques the interest of Eco-tourists, accommodating wilderness and tent camping. Its lush and thick forest cover is a stark contrast from its 2017 luxury condo development plan, The South Shore (now canceled).²

Another ride on the sky gondola brings you to the tip of the peninsula. A sign spells out “Observatory” as you approach the platform. A series of cylindrical forms all connect to each other by pipes, tubing and bridges. From the gondola, they look like motionless cogs working together.



Location Map: Observatory

The Observatory is part lighthouse, part town hall, and part marketplace. It supports the rehabilitation of the shores through platforms of constructed wetlands. The largest form adjacent the shore is Keswick's first official Town Hall, established in 2020. It is known for the Meet & Meat Market, a great gathering place that includes the fish market and town butcher shop. Locals gather here to trade or buy fish, learn fillet and cooking techniques and rent fishing rods. It is a convertible building, opening its walls in the summer and closing in the winter. This operable ventilation helps to dissipate the smell of fish and raw meat.

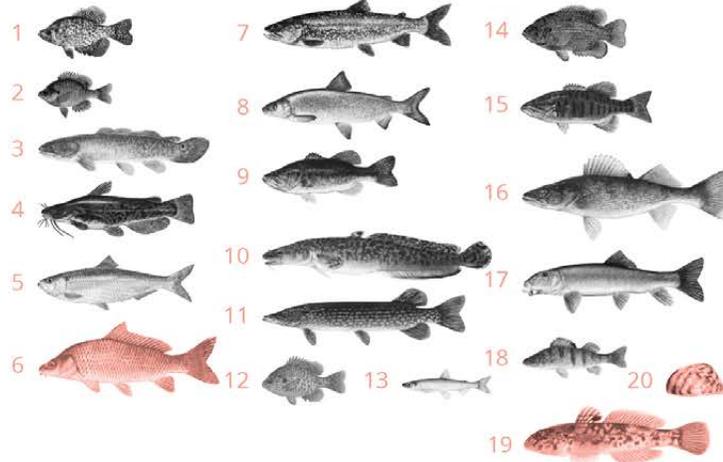
The Observatory gets its name from its focus on biodiversity and species rehabilitation. The Meet & Meat Market doubles as an informational gallery for all things "meat" whereas the constructed wetland pods display the elements necessary for healthy water, fish, birds and land. The platform neighbouring the shore houses endangered birds, such as the King Rail, Loggerhead Shrike, and Yellow-breasted Chat in an aviary tower.³ The platforms create a vegetation barrier, managing the water entering the Marina and Maskinonge River. The *Federal Sustainable Development Strategy for Canada* and the *Maskinonge River*

SPECIES AT RISK

- A Barn Swallow
- B Black Tern
- C Bobolink
- D Cerulean Warbler
- E Eastern Meadowlark
- F Henslow's Sparrow
- G King Rail
- H Least Bittern
- I Loggerhead Shrike
- J Red-headed Woodpecker
- K Yellow Rail
- L Yellow-breasted Chat
- M Rusty-patched Bumble Bee

**ENDANGERED
THREATENED**

LAKE SIMCOE & MASKINONGE RIVER
ECOLOGY



FISH IN LAKE SIMCOE

- Black Crappie¹ 1
- Bluegill¹ 2
- Bowfin¹ 3
- Brown Bullhead¹ 4
- Cisco (Lake Herring)² 5
- Common Carp² 6
- Lake Trout^{1,2,3} 7
- Lake Whitefish^{*2} 8
- Largemouth Bass¹ 9
- Ling (Burbot)¹ 10
- Northern Pike^{*1} 11
- Pumpkinseed (Sun Fish)¹ 12
- Rainbow Smelt² 13
- Rock Bass^{1,2} 14
- Smallmouth Bass^{1,2} 15
- Walleye^{1,2} 16
- White Sucker^{1,2} 17
- Yellow Perch^{*1} 18
- Round Goby 19
- Zebra Mussel 20

Contaminants Found in Fish:

- 1 Mercury
- 2 PCB (Polychlorinated biphenyls)
- 3 Dioxin-like PCBs



PLANTS IN LAKE SIMCOE

- Lemnoideae (Duckweed) 21
- Myriophyllum spicatum (Watermilfoil) 22
- Chara (Muskgrass) 23
- Ceratophyllum (Coontail) 24

**INVASIVE
NATIVE**

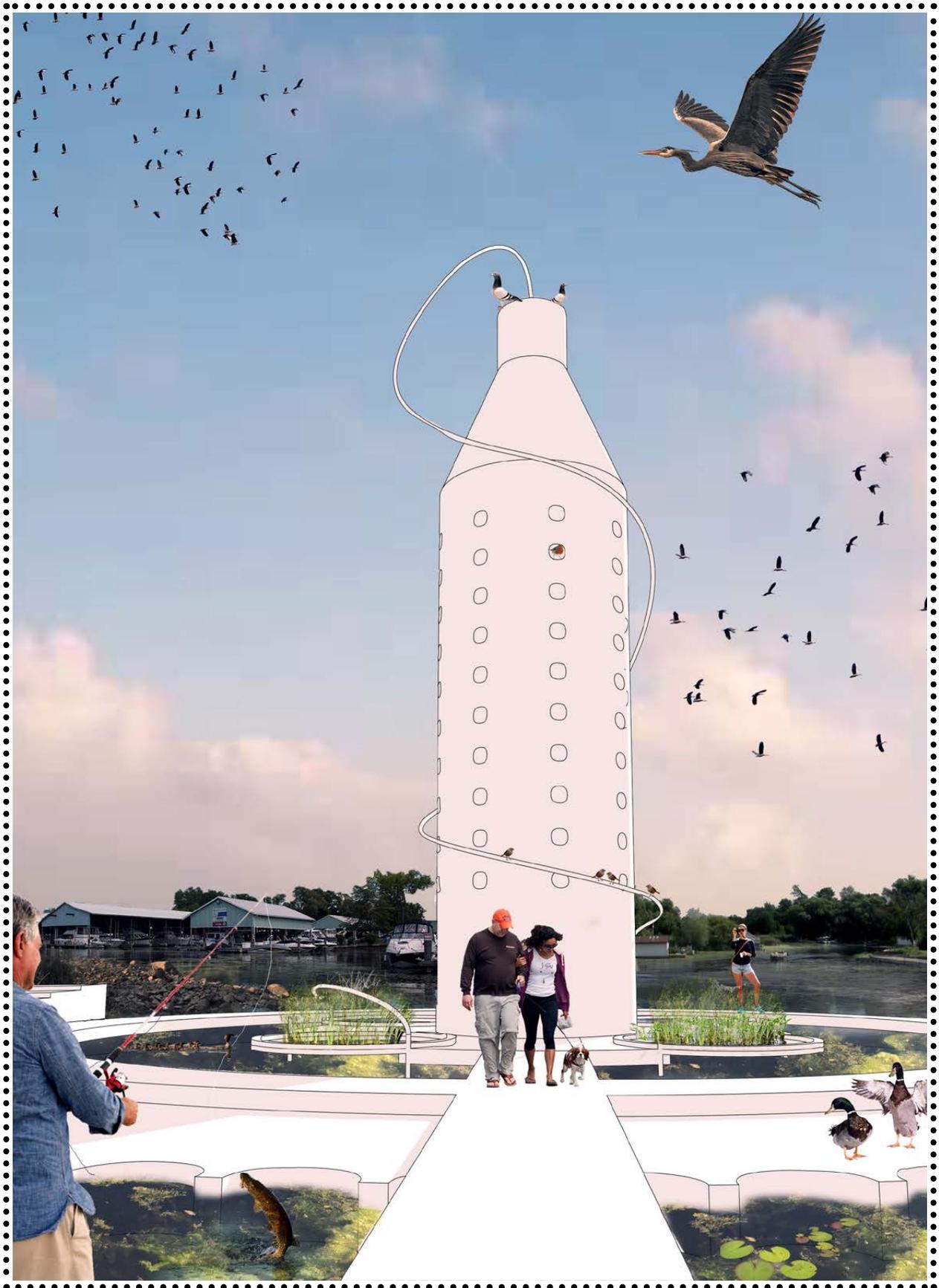
DO NOT HARVEST DEAD OR DYING FISH

Recovery Project remain active, managing and maintaining fresh water for Keswick.^{4 5}

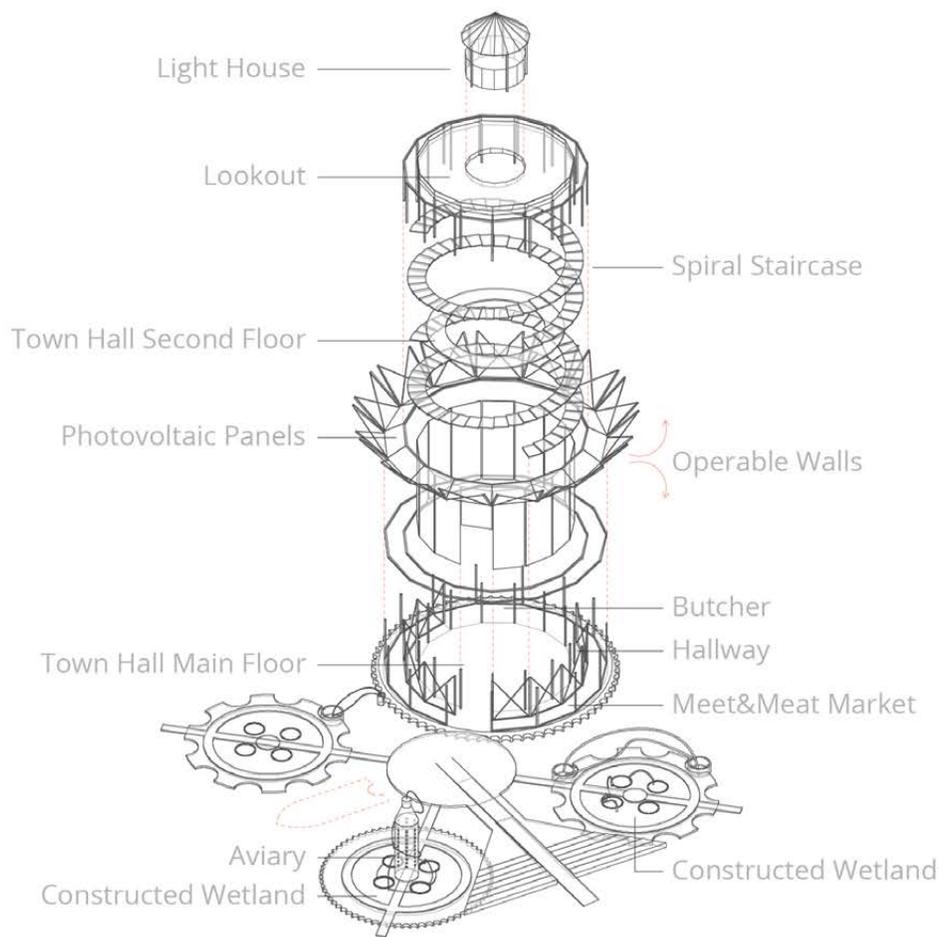
The Town Hall sparkles in the sunlight; The constructed wetlands shine like emerald pools of water, decorated with an assortment of pink and yellow flowers. Photovoltaic glass panels and steel encircle the hall's perimeter, resembling a rounded Funhouse mirror maze!

A hallway separates two areas; you see fish on ice in the perimeter area (the walls of the Market are in their open position) and walk into the center passing through the gallery hallway. It is organized like a theater-in-the-round with a staircase spiraling against its outer walls.

At the top of the staircase you step out onto the roof patio. It's filled with bushes and plants – and butterflies! The aviary tower is being cleaned.



The Observatory is a Great Place to Get Close to Nature



Observatory Isometric

The aviary tower provides a safe area for many birds to nest, but is tailored to those endangered. Manure collects at the base of the tower and is used to fertilize fruit trees and vegetable gardens at the Marina and Façade Farm.⁶

School programs engage in rotating visits to the Observatory for hands-on wildlife lessons and safe handling of fish and raw meats. The Peninsula's camping grounds also commits time to school overnight trips and nature walks. Children are healthier in Keswick today compared to the rise of obesity in the 2010's due to the integration of nature, as per the Environmental Pediatrics Institute, in everyday life activities.⁷ The EPI indicates that nature can aid seven ailments (obesity, depression/anxiety, stress, near sightedness, asthma, sleep issues, and allergies) in children, and adults.⁸

When Agrivale nears, the Meet & Meat Market provides fish, deer, rabbit and duck to the chefs at the Emporium. Before being sent off, the prepared carcasses are seen hanging in the gallery hallway behind the market's glass. Hunting periods typically precede each of the main

seasonal festivals and provide for the feast. Demonstrations are held to show proper slaughtering techniques and what to do with everything from the bones to the skin of the animal.

On special occasions, Eco-friendly fireworks can be watched from the Observatory's raised boardwalk and roof.

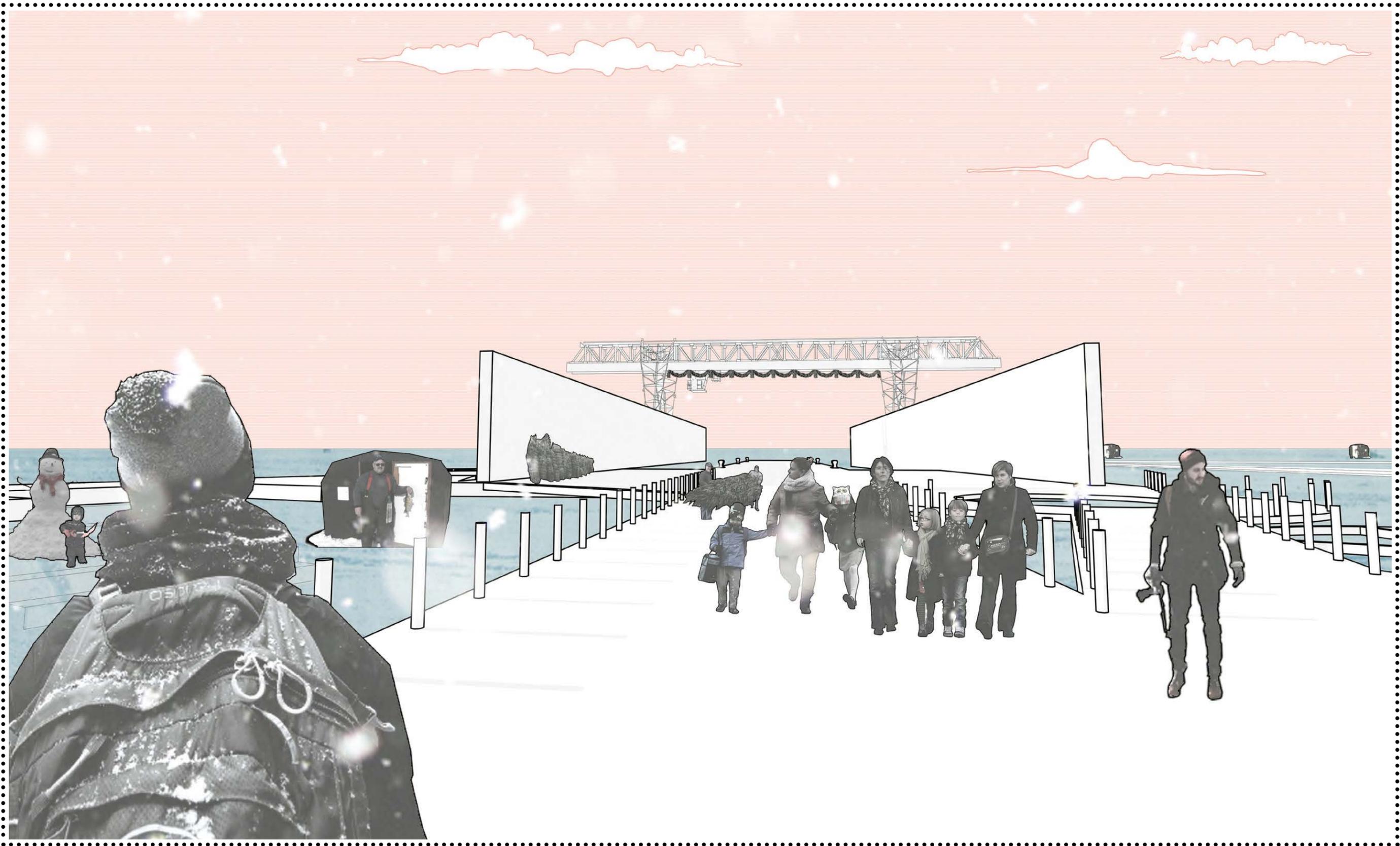
A ferry sits at the south side of the center platform. This mode of transportation is also free! You hop on and sail over to the Pier.



Early mornings make for good fishing on Cook's Bay

ENDNOTES FOR OBSERVATORY

- 1 C.J. Lim, *food city*.
- 2 “Gorgeous mid-rise condo suites on the lake from \$500’s: Resort living on the water, just 45 minutes from Toronto”, *Orion Condo Club*, (accessed March 31, 2017) <http://www.orioncondo-club.com/southshore.html?gclid=CPvtoLr6gNMCFQOaQod8ggGtg>.
- 3 “Species at risk in the York region”, *Ontario*, June 20, 2016 (accessed October 7, 2016). <https://www.ontario.ca/environment-and-energy/species-risk-region?name=York>.
- 4 Sustainable Development Office, “Plan for a Sustainable Future: A Federal Sustainable Development Strategy for Canada”, *Environment Canada*, October 2010.
- 5 Peter Burtch, *Maskinonge River Recovery Project: A Community Approach*, PDF, A.D Latornell Conservation Symposium, 2009. http://www.latornell.ca/wp-content/uploads/files/presentations/2009/2009_T3E_Peter_Burtch.pdf
- 6 C.J. Lim, *food city*, 107.
- 7 Government of Canada, “Childhood obesity”, *Government of Canada*, September 12, 2016 (accessed March 31, 2017). <https://www.canada.ca/en/public-health/services/childhood-obesity/childhood-obesity.html>.
- 8 Sean Guinan, L.Ac., “7 Childhood Ailments that Nature Can Help Heal”, *Environmental Pediatrics*, January 31, 2017 (accessed February 4, 2017). <http://environmentalpediatrics.com/7-childhood-ailments-that-nature-can-help-heal/>.



During the winter months the Pier holds many of the town's biggest celebrations

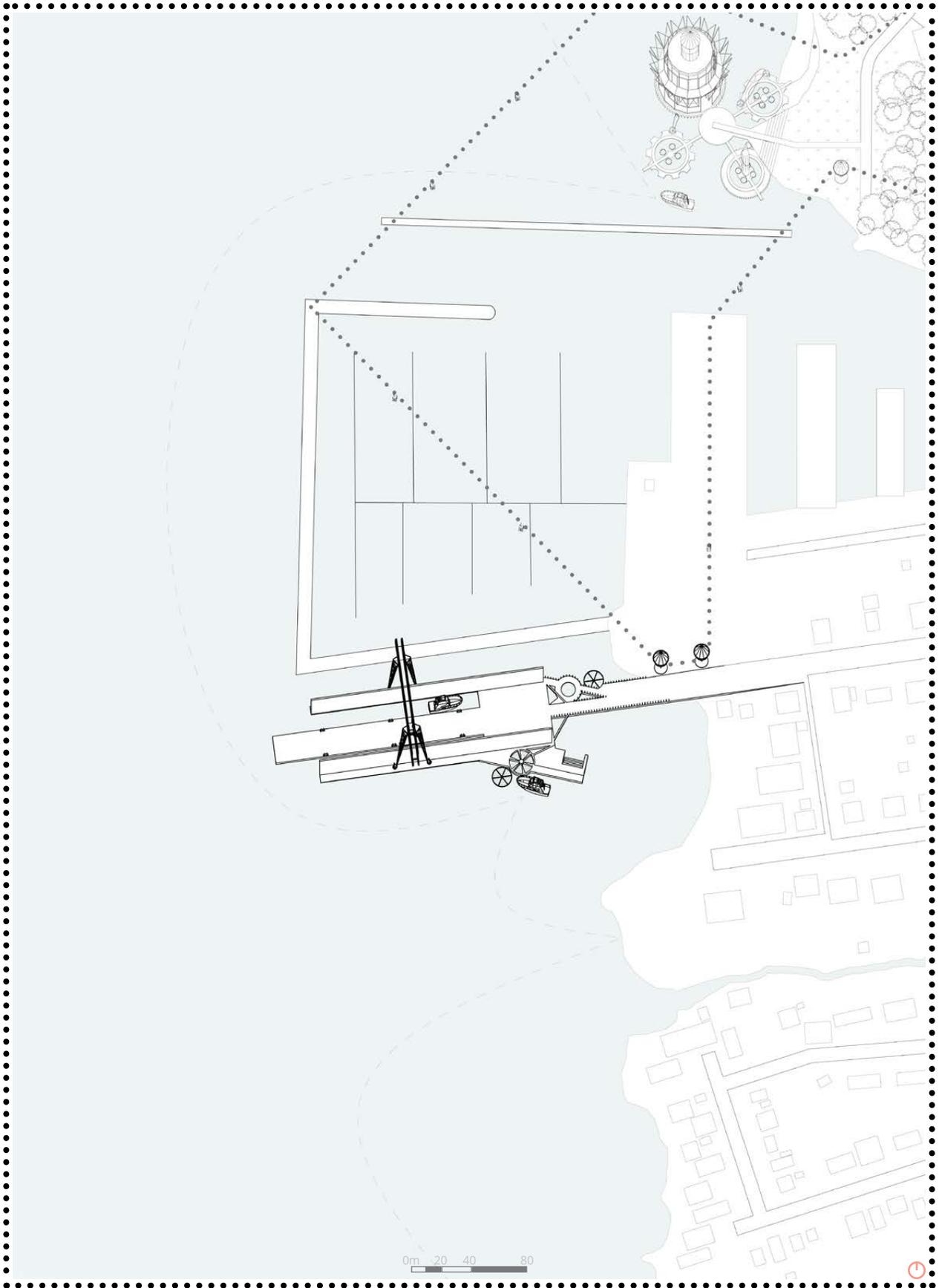
PIER

“If you build it, they will come”¹

The Pier is the area of celebration – the main event. It sets the backdrop for shows, events, and is the conclusion of the parade. Its construction is based on a dry dock, and incorporates Vegetated Floating Islands (VFI), much like the constructed wetlands at the Observatory.² An area next to the Pier is designated for swimming, where the water is cleaned from the VFI's.³ The lake and river are swimmable, but precautions are taken close to shorelines.

The ferry rounds the front of the Pier. It looks like a massive piece of concrete from the side, but you see that it is comprised of a series of supports and cross-bracing from the front – it's a Trompe-l'œil!

The ferry slows and you exit onto a concrete arm extending from the main section of the Pier. Steps on the far side of the platform descend into the water where children are



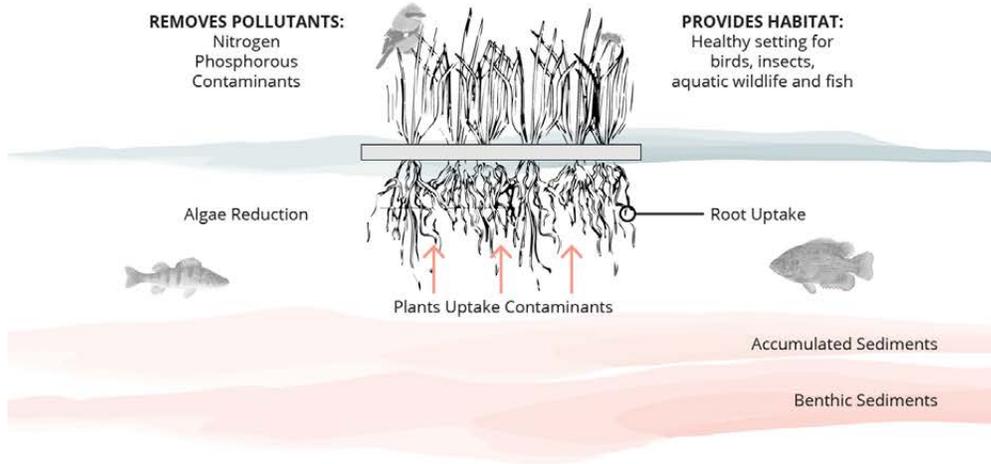
Location Map: Pier

splashing and jumping around. The water has a distinct aroma, mixed with the earthy fragrance of plants and vegetation on the islands. Pollen tickles your nose -Spring is in the air!

The Pier is an extension of Wynhurst Road into the lake that transforms into a dock. It is equipped with a sliding gantry crane used for setting up midway rides that travel into town, attaching the screen for the outdoor theater showings and loading large shipments of fresh produce to deliver across the lake to Innisfil, Barrie and Orillia.

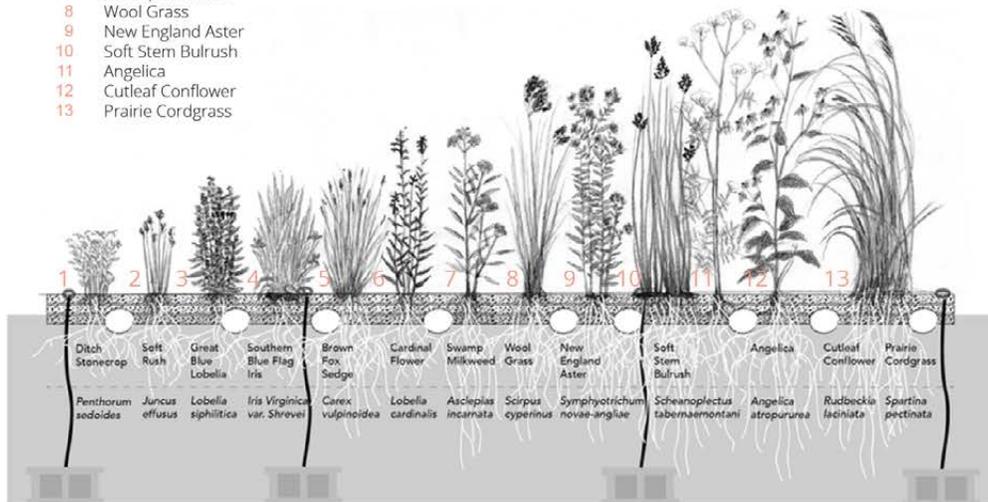
A sign on the crane spells out SUGAR & BLOSSOM FESTIVAL. Everywhere you look are flower blossoms of all sizes, bouquets, flower hats, and flower clothing! Even those not partaking in the Sugar & Blossom Festival are wearing flower patterned clothing. Local support here is very strong.

LAKE SIMCOE & MASKINONGE RIVER
VEGETATED FLOATING ISLANDS

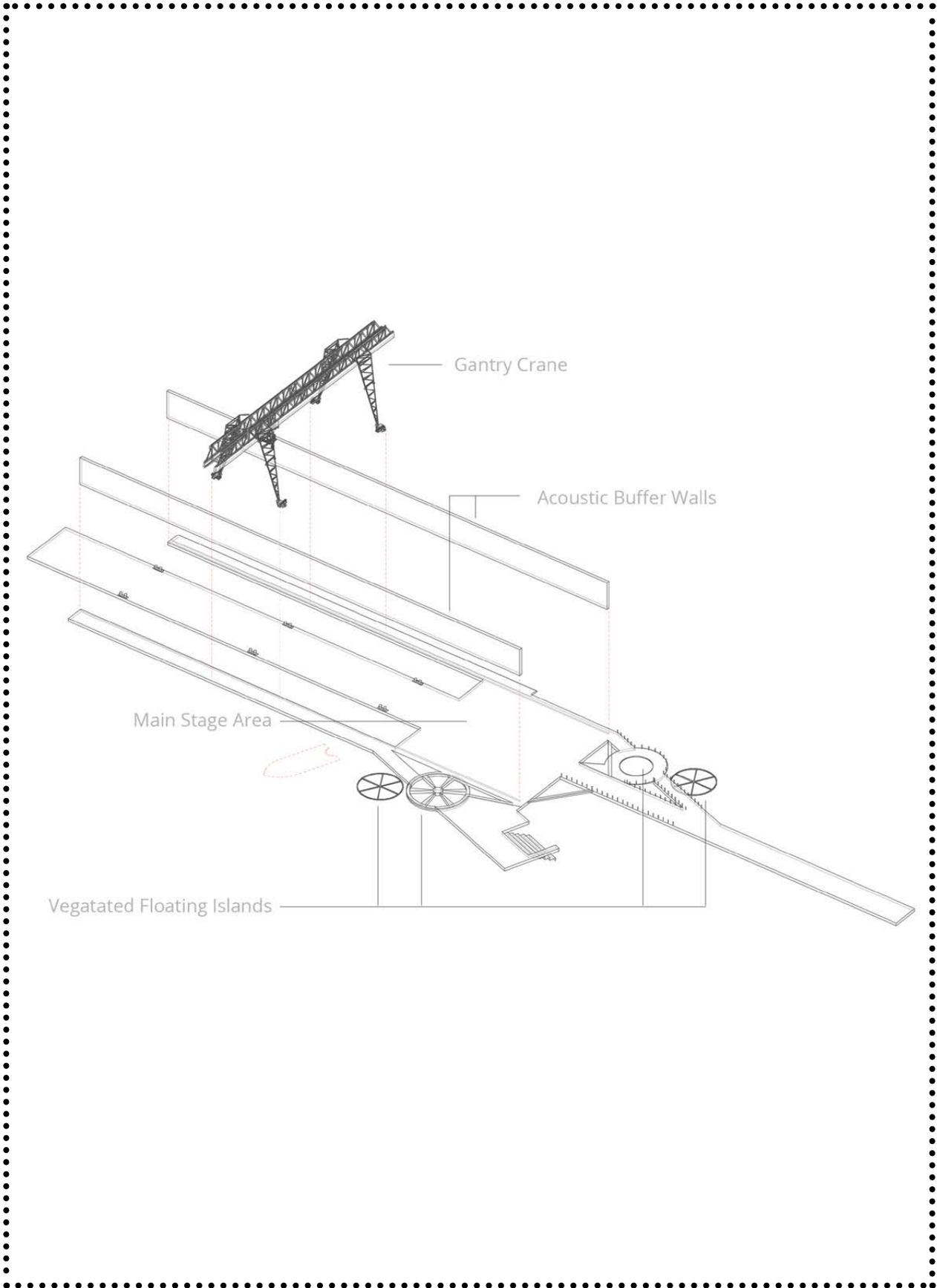


VFI PLANT OPTIONS

- 1 Ditch Stonecrop
- 2 Soft Rush
- 3 Great Blue Lobelia
- 4 Southern Blue Flag Iris
- 5 Brown Fox Sedge
- 6 Cardinal Flower
- 7 Swamp Milkweed
- 8 Wool Grass
- 9 New England Aster
- 10 Soft Stem Bulrush
- 11 Angelica
- 12 Cutleaf Conflower
- 13 Prairie Cordgrass



Vegetated Floating Islands



Pier Isometric

“Would you like to try a squash blossom?” A young boy asks holding a platter of yellow, orange, and purple flowers. You take one next to the *squash blossom* label. It’s soft and delicate – and mildly tastes like a zucchini...

The Pier is host to many of the festivals that prelude to Agrivale. For feasts, long tables are set up along the center holding between 1000-1500 people. For less formal gatherings the Pier can hold between 2000-3400 standing people (spacing 2.5 people/square meter). Chairs, tables and cocktail stands fold up and are stored in the Pier walls. The covering acts as an acoustic buffer for music and louder performances, so not to disturb the residential area along the shore.

The fireworks shows are conducted from the end of the Pier and seen from each of the Agrivale elements, from the Observatory, the hotel at the Emporium, at the Façade Farm, from the Recomposition building at the Marble Forest Roundabout and from the Highway.

The hustle and bustle on the Pier is dying down, and lawn chairs are being put out. There must be some fireworks tonight!

Music fills the lake in an acoustical bliss – the sounds of birds and crickets chime in harmony and everyone waits for the first crack of fireworks.

Ou's and Ah's repeat as the arrangement of fireworks flow in and out of the darkness. The colours mimic those of the blossoms earlier today. A beautiful end to an enchanted day.



Celebrations are Constant on the Pier



A Town in Transition

The community of Keswick is united in the development of a sustainable future. They believe their efforts to sustain a growing population through food and festivity in the suburbs will prosper and spread into cities. In hopes that Façade Farms will sprout on skyscraper roof tops, Marble Forests will foster a composting approach and cradle-to-cradle lifestyles for humans as well as the earth, Observatories will showcase animal and plant diversities (and proper butchering techniques), Emporiums will offer community kitchen facilities to promote healthy eating and information on food products, and Piers (waterfront or not) will be host to major social events where people engage with each other and the likes of food... because we always have to eat.

When Agrivale expands from a harvest festival to a way of life on a greater scale - when people trade rather than buy, enjoy rather than consume, and recycle rather than throw out - is when it will have fulfilled its purpose. A closed-circuit community that strives for a closed-circuit world.

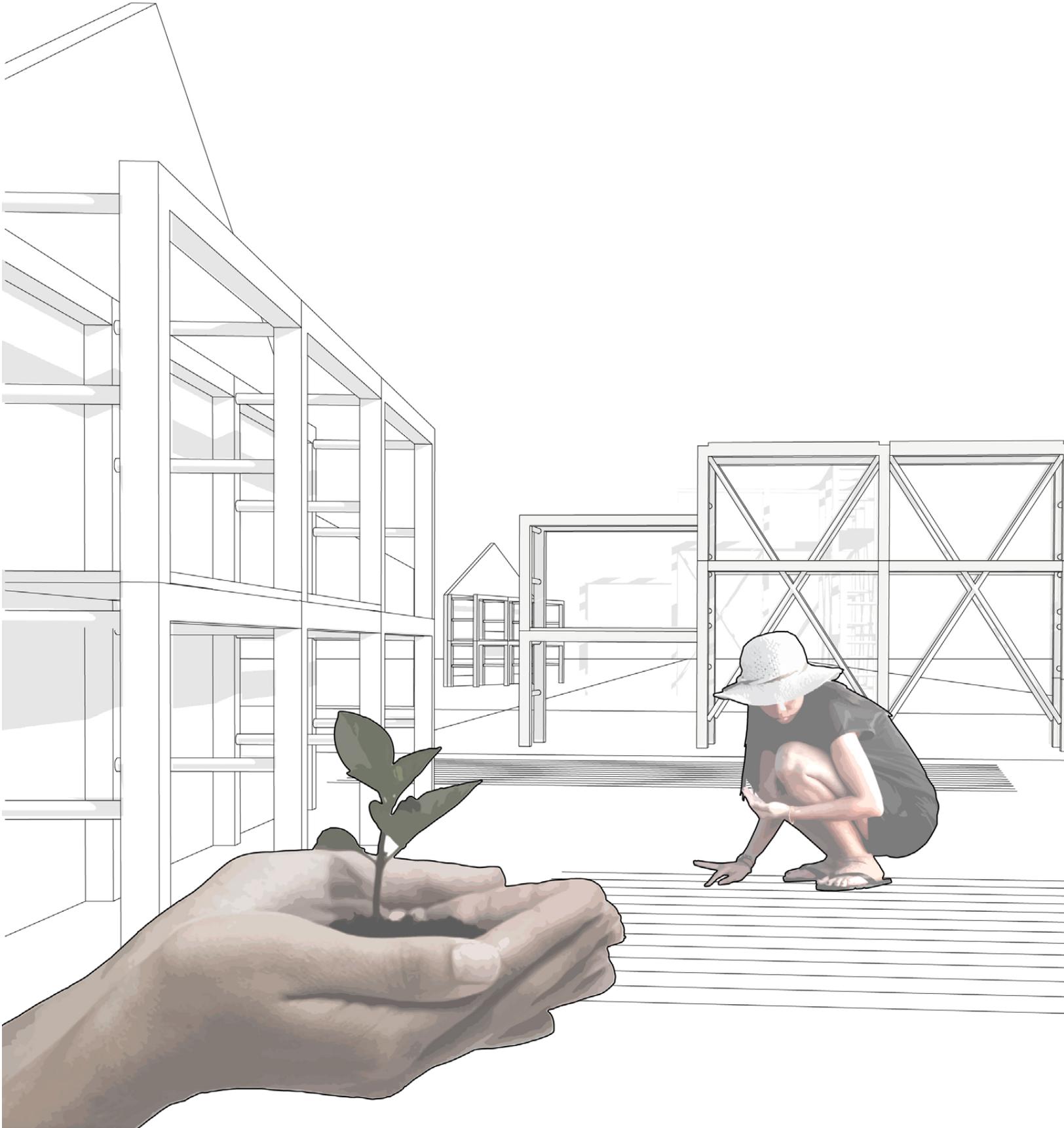
ENDNOTES FOR PIER

- 1 Phil Alden Robinson, *Field of Dreams*, DVD. USA: Gordon Company, 1998.
- 2 Daniel Kelly, "New Vegetated Floating Islands for Lake LaVerne", *Lake Scientist – The online source for lake science and technology*, May 19, 2015 (accessed March 31, 2017). <http://www.lakescientist.com/new-vegetated-floating-islands-for-lake-laverne/>.
- 3 Grant Buckler, "Fake floating islands help clean up ponds", *The Globe and Mail*, September 6, 2012 (accessed March 31, 2017). <http://www.theglobeandmail.com/report-on-business/small-business/sb-growth/fake-floating-islands-help-clean-up-ponds/article595158/>.

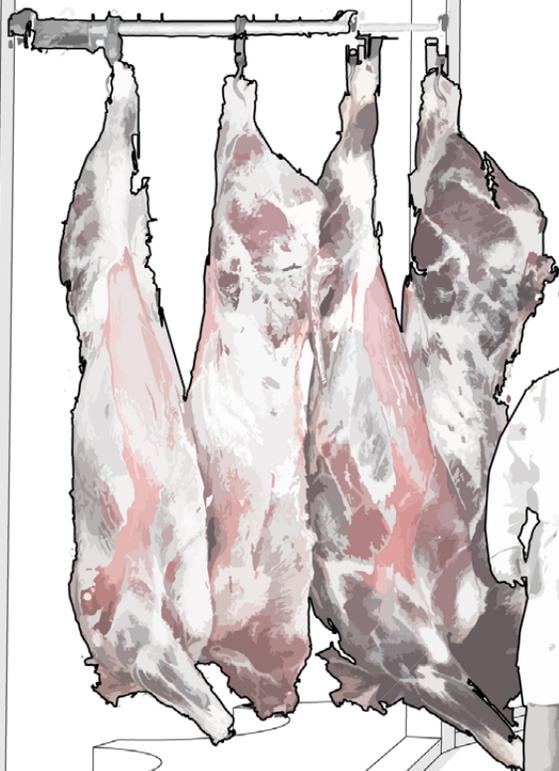


APPENDIX

GROW!



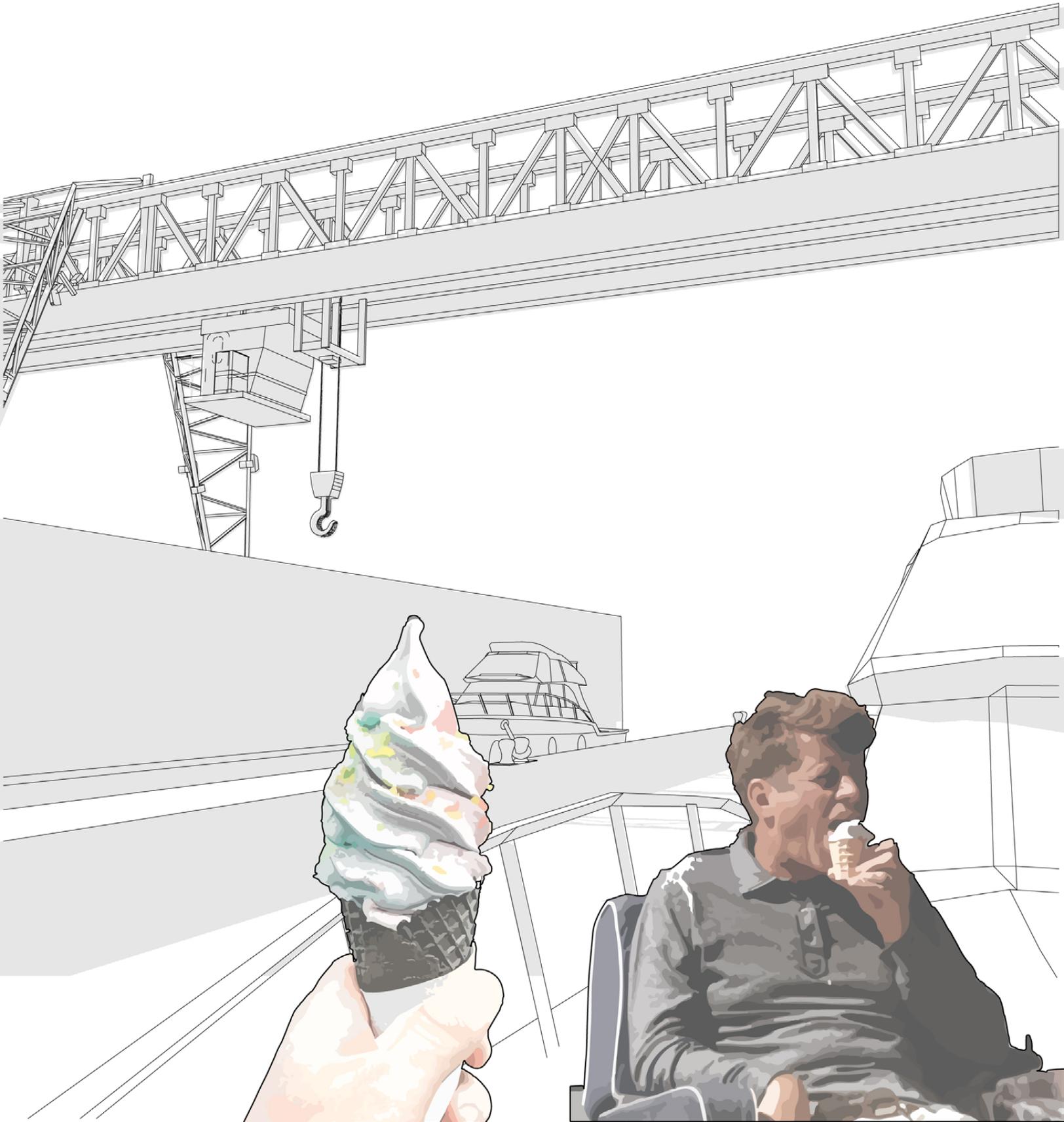
SHOW!



PREPARE!

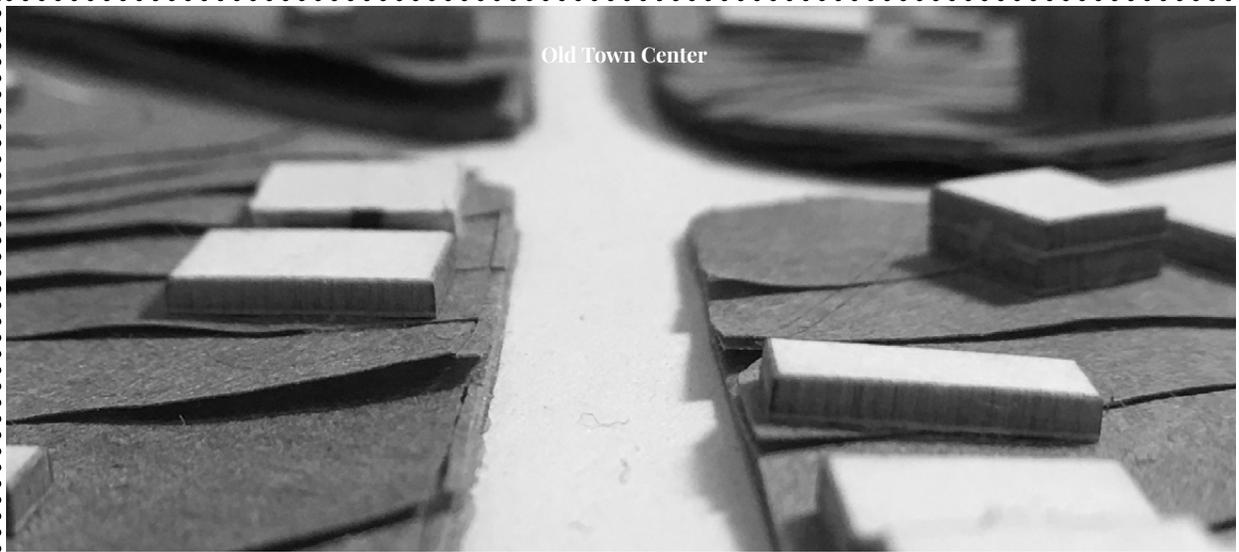


CELEBRATE!



COMPOST!





Old Town Center



Bungalow Development



Two-Storey Development

Existing Residential Scale Model



Subliminal Messaging in Advertising - Tim Hortons, Dunkin Donuts, Starbucks

THE SHADOW

Anticipation bubbles inside - waiting for the day.

The day the carnival rolls into town. Its colours and smells filling the atmosphere, whirling and zipping about. It's intoxicating.

The lights cast rainbows on faces and create a world all in its own. It is the current moment one feels.

Here. Now. Today.

Tomorrow is an unthinkable place. Because it is not today. It does not contain the happiness and joy of right now.

And it is never seen. Only yesterday leaves marks.

Like a shadow of a ferris wheel.

The sounds fade away -

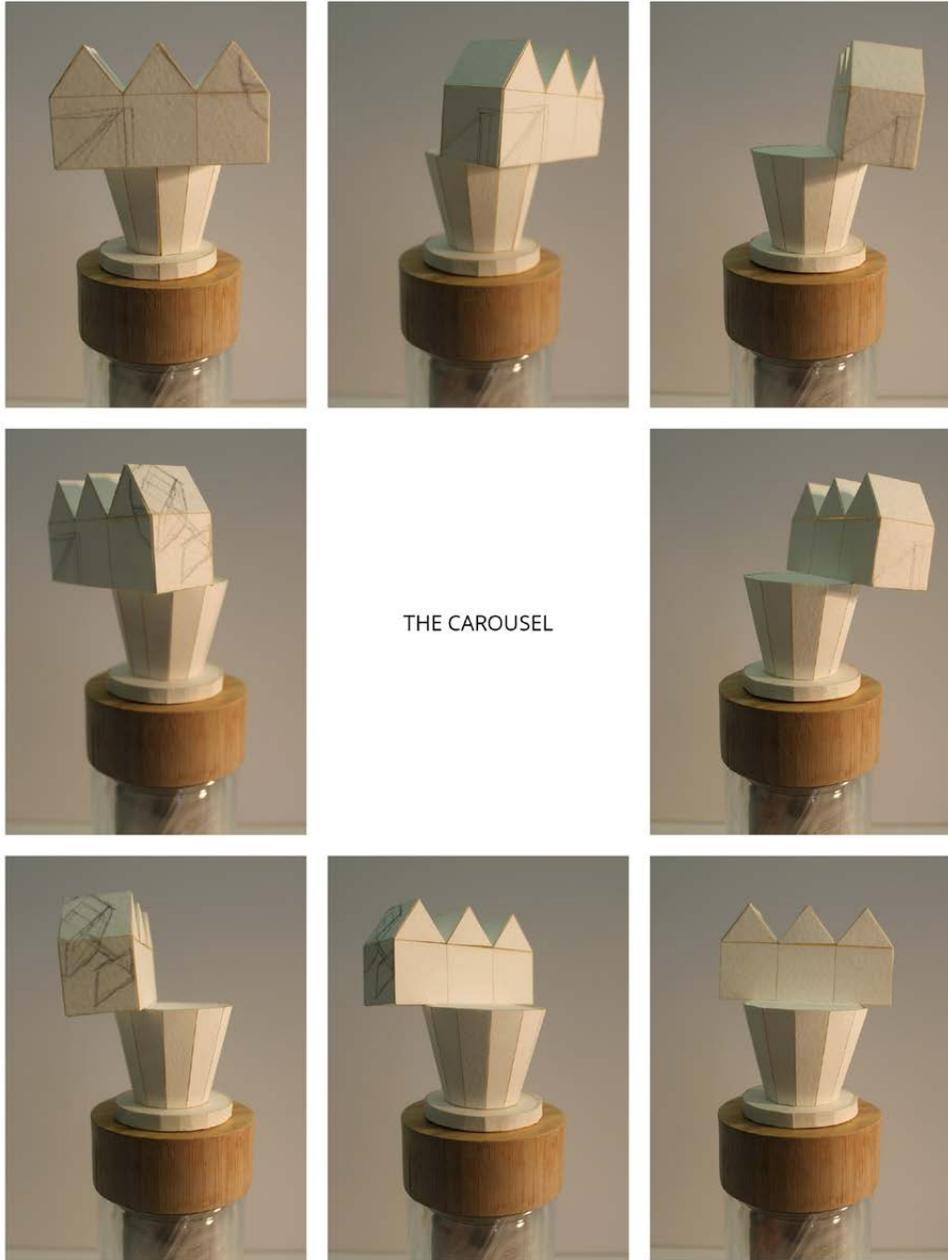
The colours in the air thin -

Leaving only a trace of what was, like a photo with a grin.

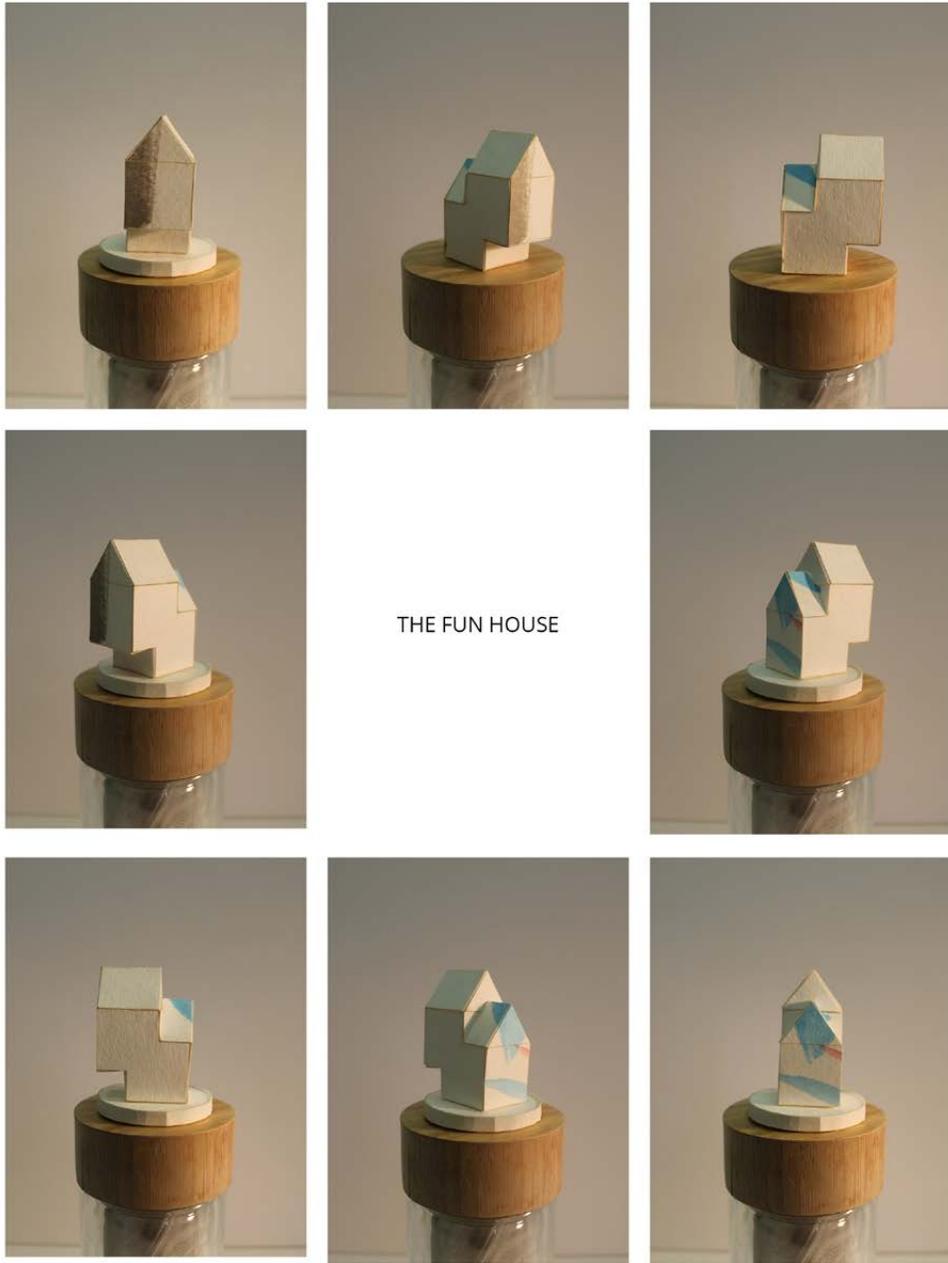
- Macy LaPorte

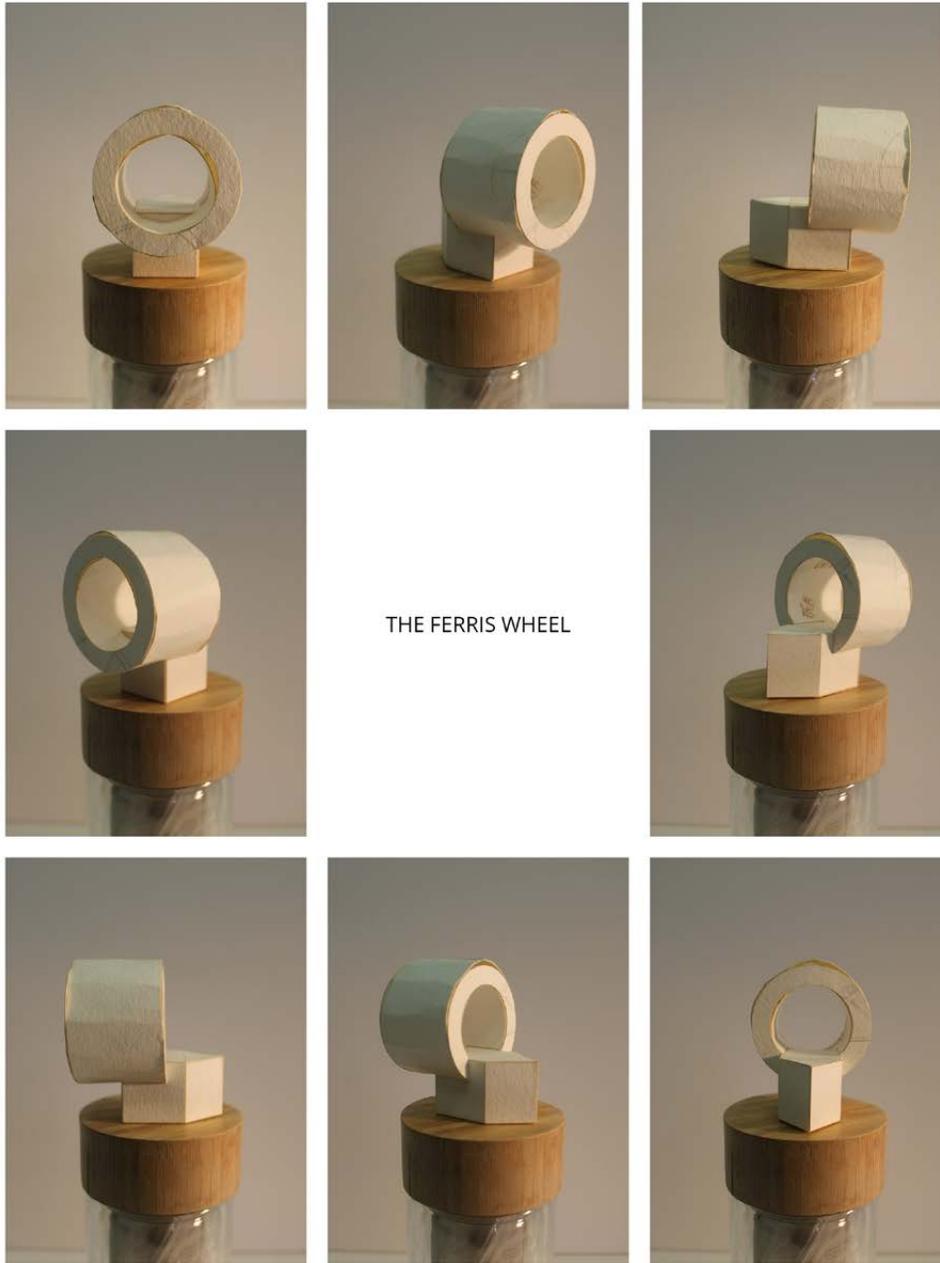


Spatial Collage - Inspiration for the Observatory Form

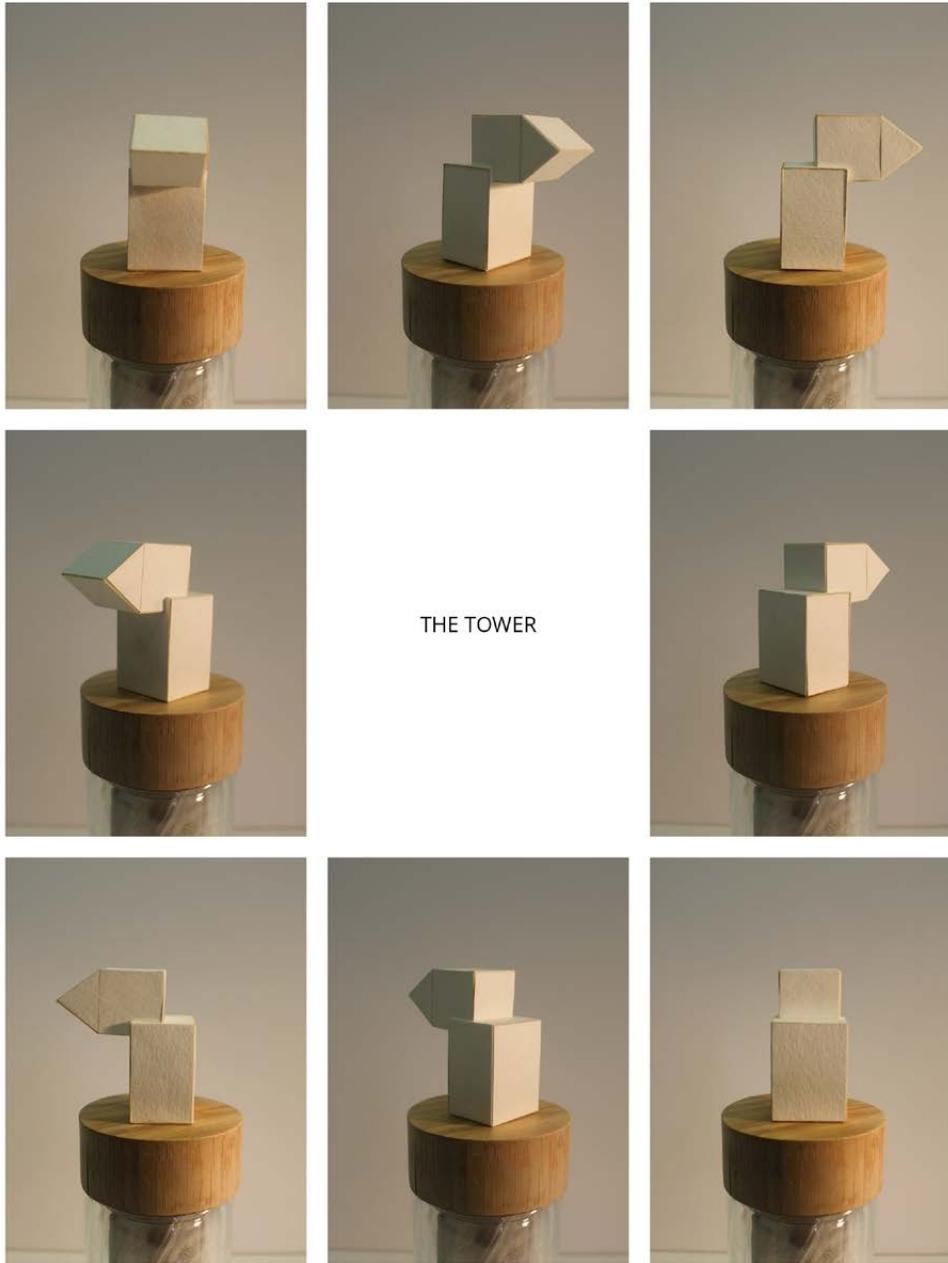


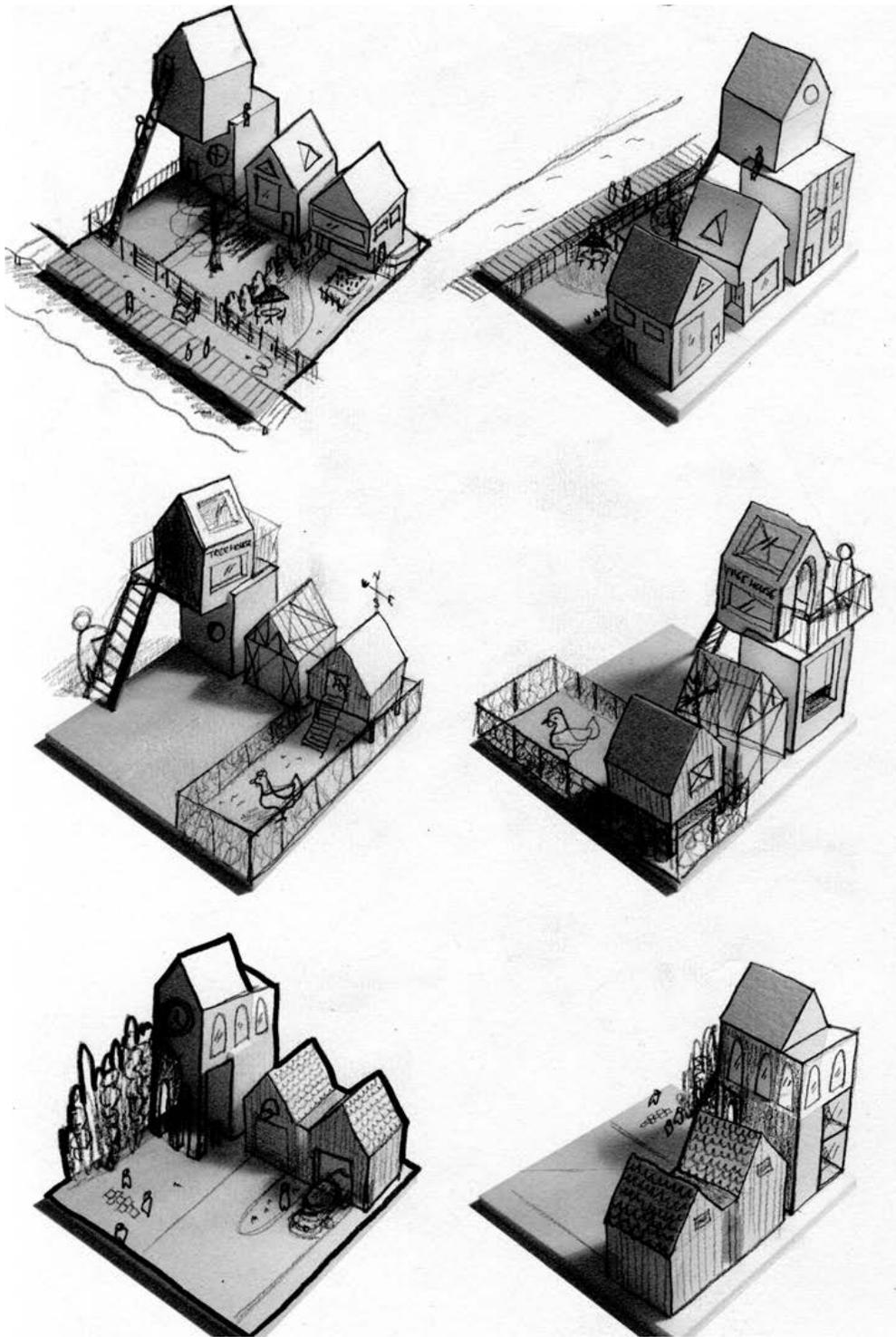
Formal Studies - The Carousel



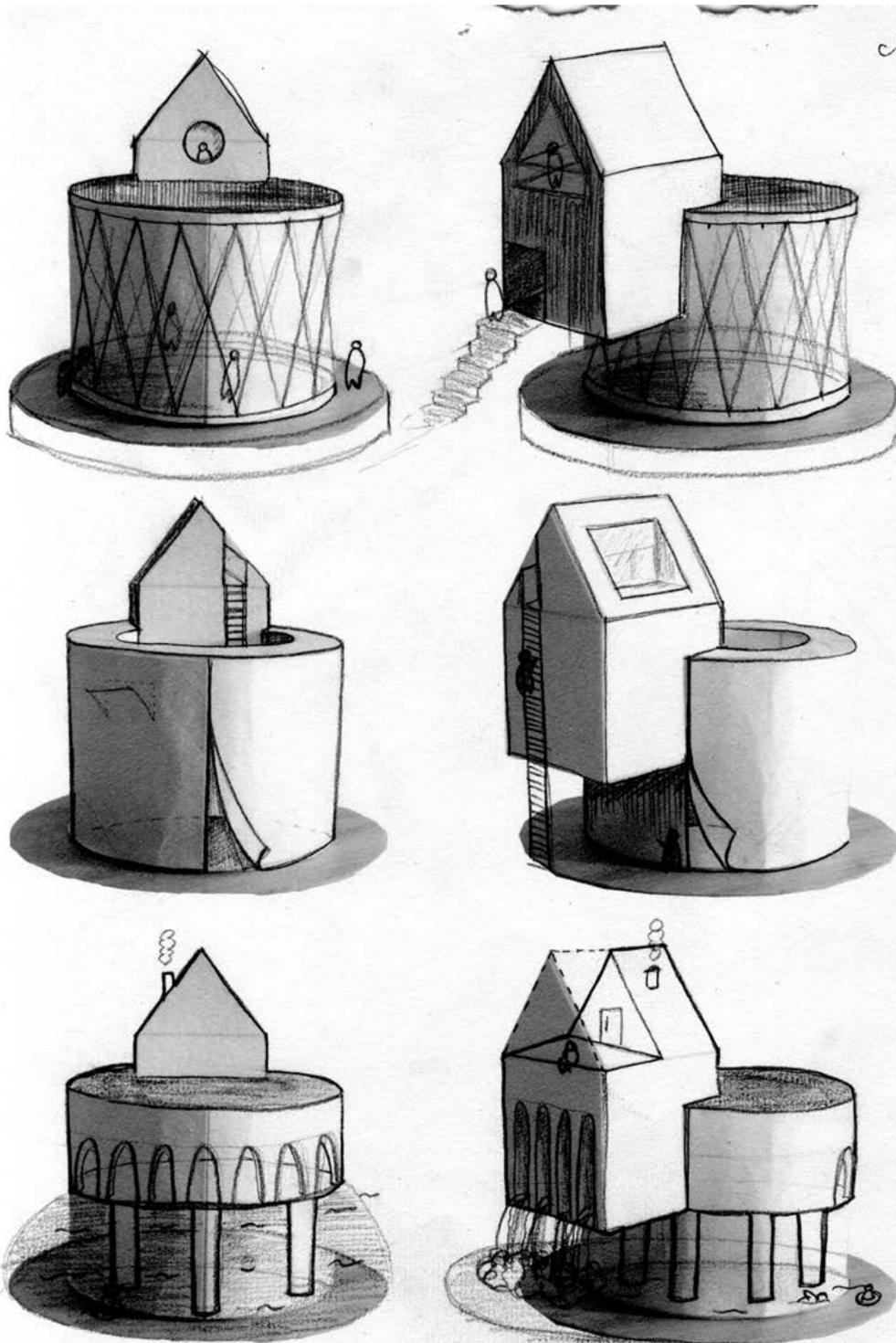


Formal Studies - The Ferris Wheel

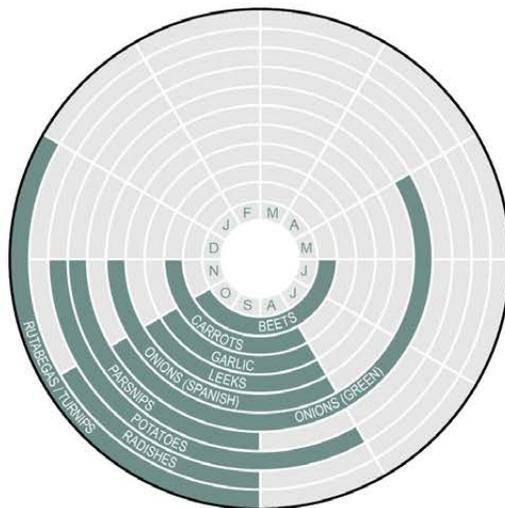




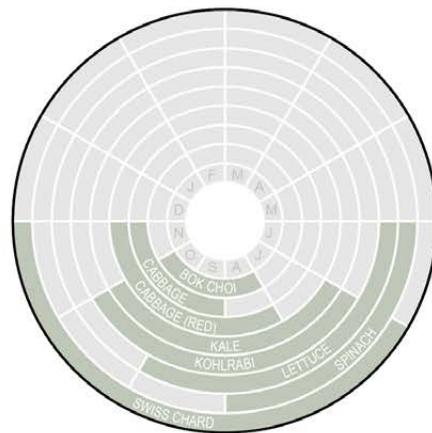
Local Scenario Drawing Studies



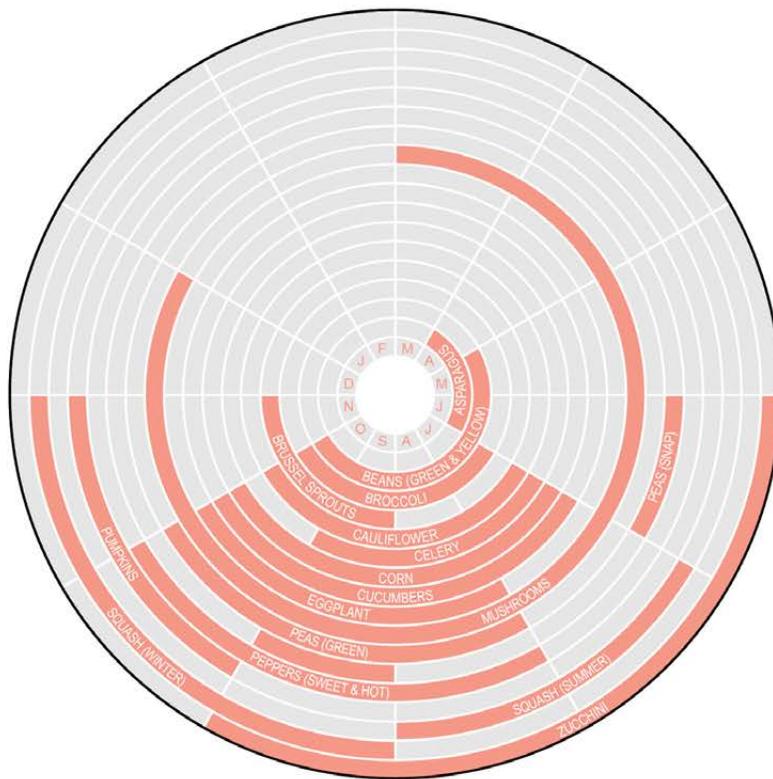
Local Scenario Drawing Studies



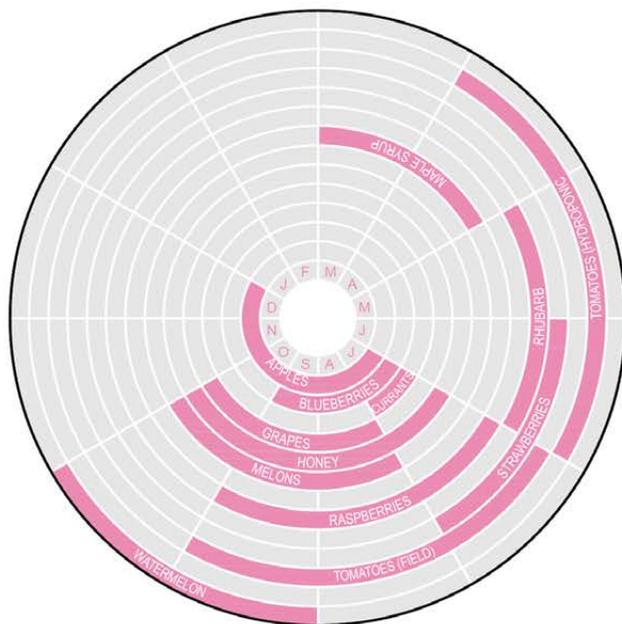
ROOT VEGETABLES



LEAFY VEGETABLES



OTHER VEGETABLES



FRUIT, SYRUP & HONEY



LIST OF FIGURES

Fig. 1.	Fast Food in a Slow World. Miniature. Image by author.	iii
Fig. 2.	Moving from Highway to Lake and Establishing a New Center. Image by author.	09
Fig. 3.	The Blur of the 21st Century, 2016. Image by author.	11
Fig. 4.	Slow and Easy Life, 2016. Image by author.	13
Fig. 5.	WE HAVE A WALMART TO BOYCOTT: The Intersection of Woodbine Avenue and Glenwoods Avenue, 2017. Image by author.	16
Fig. 6.	COMING EARLY 2017: Aspen Ridge Advertises 36' and 45' Homes in Simcoe Landing, 2017. Image by author.	17
Fig. 7.	WEST: The Divide Between New Development and Forgotten Landscape, 2017. Image by author.	18
Fig. 8.	EAST: The Site for Continued Urban Sprawl in Keswick, 2017. Image by author.	19
Fig. 9.	WARDEN AVENUE: One of the Many Corn Fields Along the Back Roads of Georgina, 2017. Image by author.	20
Fig. 10.	THIS PROPERTY IS NOT FOR SALE: MacWilliam Farms, 2017. Image by author.	21
Fig. 11.	CATS Living in an Open Field, 2017. Image by author.	25
Fig. 12.	Graphs by author. Information from Stats-Canada. http://www12.statcan.gc.ca/census-recensement/2011/as-sa/fogs-spg/Facts-csd-eng.cfm?LANG=Eng&GK=CSD&GC=3519070 .	30
Fig. 13.	Ice workers, ladies and children pose on Lake Simcoe. The train waits for ice in the background. 1895, Black and white photographic print. Early Transportation in Georgina, Jackson's Point, Ontario, Canada. Available from http://virtualmuseum.ca/sgc-cms/histoires_de_chez_nous-community_memories/pm_v2.php?id=story_line&lg=English&fl=0&ex=00000624&sl=5022&pos=1&pf=1#35 (accessed September 2017).	30
Fig. 14.	Province of Ontario. Image edited by author. Original image from http://www.torontopubliclibrary.ca/detail.jsp?R=DC-OHQ-MAPS-S-R-258 .	31
Fig. 15.	York Region and Toronto. Google Earth image edited by author.	32
Fig. 16.	Town of Georgina. Google Earth Image edited by author.	33
Fig. 17.	Keswick, Georgina. Google Earth image edited by author.	34
Fig. 18.	Urban Development, 1984 - 2014. Image edits by author. Original images from Google Earth.	35
Fig. 19.	Number of Occupied Private Dwellings by Structural Type. Images from Google Street View edited by author. Information from Stats-Canada.	36
Fig. 20.	Public Buildings and Food Places in Keswick; The Queensway and Woodbine Avenue. Image by author.	37
Fig. 21.	Current Business and Food Places in Keswick, 2017. Image by author.	38
Fig. 22.	Woodbine Avenue Presents a Harsh Division Between the Town and the New Highway 404 Extension	43
Fig. 23.	Sketch Map for Thesis Project. Image by author.	44
Fig. 24.	Petro Canada Gas Station Card Model. Image by author.	48
Fig. 25.	Canadian Tire Gas+ Station Card Model. Image by author.	49
Fig. 26.	Esso Gas Station Card Model. Image by author	50
Fig. 27.	Pioneer Gas Station Card Model. Image by author.	51
Fig. 28.	The Fisherman's Garden, 2016. 2½-D Model. Image by author.	52
Fig. 29.	Agrivale and the Periodical of Festivity. Images by author. Growing chart information from justfood.ca/buy-local-food-guide/harvest-chart/ .	53
Fig. 30.	Agrivale and the Circle of Growth - Seeing the Parallel Between Human and Plant Growth and the Circle of Life. Image inspired by John Raithe's Circle of Life.	54
Fig. 31.	Patent Drawings. Images from Google, www.google.com/patents .	55

Fig. 32.	CNE Posters, 1886, 1890, 1936. Images from http://www.cneheritage.com/gallery?main_category_id=57&main_category_name=ADVERTISING .	55
Fig. 33.	Patent Drawings. Images from Google, www.google.com/patents .	56
Fig. 34.	Conklin Posters. Image edits by author. Original images from https://conklinshows.com/ .	56
Fig. 35.	Patent Collage Drawing - Emporium. Image by author.	57
Fig. 36.	Patent Collage Drawing - Observatory. Image by author.	58
Fig. 37.	Patent Collage Drawing - Pier. Image by author.	59
Fig. 38.	The Meaning Behind Carnival. Dictionary definition from https://en.oxforddictionaries.com/definition/us/carnival .	60
Fig. 39.	Marble Forest Collage. Image by author.	61
Fig. 40.	Facade Farm Collage. Image by author.	62
Fig. 41.	Emporium Collage. Image by author.	63
Fig. 42.	Observatory Collage. Image by author.	64
Fig. 43.	Pier Collage. Image by author.	65
Fig. 44.	Festival Map: Your Guide to Agrivale. Image by author.	66
Fig. 45.	Agrivale in the Spring. Image by author.	67
Fig. 46.	Agrivale in the Summer. Image by author.	68
Fig. 47.	Agrivale in the Fall. Image by author.	69
Fig. 48.	Agrivale in the Winter. Image by author.	70
Fig. 49.	Future Map of Keswick Showcasing Agrivale Elements and Sky Gondola Line. Image by author.	71
Fig. 50.	Arriving in Keswick from the Highway Off-ramp. Image by author.	72
Fig. 51.	Location Map: New Off-ramp for Highway 404 Extension. Image by author.	74
Fig. 52.	Welcome to Sustainable Keswick. Original image from https://commons.wikimedia.org/wiki/File:Las_vegas_sign.svg . Edited by author.	75
Fig. 53.	Walking in the Marble Forest. Image by author.	77
Fig. 54.	Location Map: Marble Forest and Recomposition Center. Image by author.	79
Fig. 55.	Unknown, "Iconic Cypress Tree of Tuscany, Italy," <i>Places to See in Your Lifetime</i> , http://www.placestoseeinyourlifetime.com/iconic-cypress-tree-of-tuscany-italy-16274/ (accessed April 03, 2016).	81
Fig. 56.	The Recomposition Center. Image by author.	82
Fig. 57.	Recomposition Center and Marble Forest Isometric. Image by author.	83
Fig. 58.	Marble Forest Memorial Trees. Image by author.	85
Fig. 59.	Lemonade and fresh vegetables are always available in the Facade Farm. Image by author.	88
Fig. 60.	Location Map: Facade Farm. Image by author.	90
Fig. 61.	The Facade Farm is an Interactive Playground for the Community. Image by author.	93
Fig. 62.	Facade Farm and Construction Isometric. Image by author.	94
Fig. 63.	Arriving at the Emporium via the Sky Gondola. Image by author.	99
Fig. 64.	Location Map: Emporium. Image by author.	101
Fig. 65.	Inside the Market Hall. Image by author.	103
Fig. 66.	Emporium Isometric. Image by author.	104
Fig. 67.	The Observatory - escape to a local oasis. Image by author.	110
Fig. 68.	Location Map: Observatory. Image by author.	112

Fig. 69.	Lake Simcoe & Maskinonge River Ecology. Image by author. Inspired by Tina Pari's Ottawa River Ecology Infographic.	114
Fig. 70.	The Observatory is a Great Place to Get Close to Nature. Image by author.	116
Fig. 71.	Observatory Isometric. Image by author.	117
Fig. 72.	Fishing on Cook's Bay. Image edited by author. Original from The South Shore Video, screen shot, http://www.orioncondoclub.com/southshore.html?gclid=CPvtoLr6gNMCFQOaQod8ggGtg	119
Fig. 73.	Winter at the Pier. Image by author.	121
Fig. 74.	Location Map: Pier. Image by author.	123
Fig. 75.	Vegetated Floating Islands. Imaged edited by author. Original from http://www.lakescientist.com/new-vegetated-floating-islands-for-lake-laverne/ and http://laverne-islands.weebly.com/plants-for-your-vegetated-floating-islands.html	125
Fig. 76.	Pier Isometric. Image by author.	126
Fig. 77.	Celebrations are Constant on the Pier. Image by author.	129
Fig. 78.	A Town in Transition. Card Model. Image by author.	130
Fig. 79.	GROW! The Facade Farm is the main source of food for the community. Image by author.	135
Fig. 80.	SHOW! The Observatory is the source of all animal protein, the Meet & Meat Market. Image by author.	136
Fig. 81.	PREPARE! The Emporium's Open Market Hall provides space for many events. Image by author.	137
Fig. 82.	CELEBRATE! The Pier provides large open water front space for celebrations and music events. Image by author.	138
Fig. 83.	COMPOST! The Marble Forest is the largest composting plant in the York Region. Image by author.	139
Fig. 84.	Existing Residential Scale. Model. Images by author.	140
Fig. 85.	Subliminal Messaging in Advertising - Tim Hortons, Dunkin Donuts, Starbucks. Sexual Politics of Food and the Coffee Industry, Collage. Image by author.	141
Fig. 86.	The Shadow. Poem and image by author.	142
Fig. 87.	Spatial Collage - Inspiration for the Observatory Form. Image by author.	143
Fig. 88.	Formal Studies - The Carousel. Card model. Image by author.	144
Fig. 89.	Formal Studies - The Fun House. Card model. Image by author.	145
Fig. 90.	Formal Studies - The Ferris Wheel. Card model. Image by author.	146
Fig. 91.	Formal Studies - The Tower. Card model. Image by author.	147
Fig. 92.	Local Scenario Drawing Studies. Image by author.	148
Fig. 93.	Local Scenario Drawing Studies. Image by author.	149
Fig. 94.	Harvest Timeline: Root Vegetables. Image by author.	150
Fig. 95.	Harvest Timeline: Leafy Vegetables. Image by author.	151
Fig. 96.	Harvest Timeline: Other Vegetables. Image by author.	152
Fig. 97.	Harvest Timeline: Fruit, Syrup & Honey. Image by author.	153

BIBLIOGRAPHY

- Adams, Carol J. *The Sexual Politics of Meat: A Feminist-Vegetarian Critical Theory*. New York: The Continuum Publishing Company, 1991.
- Beck, Molly. "Still turning: Jacksonville built the world's first portable Ferris Wheel," *Illinois Time*. August 14, 2003. <https://web.archive.org/web/20120311200442/http://www.illinoistimes.com/Springfield/article-410-still-turning.html>. (accessed January 26, 2017).
- Bonnemaison, Sarah, and Christine Macy. *Festival Architecture*. New York: Routledge, 2008.
- Breitinger, Eckhard (edited by, original by Mikhail Bakhtin). *Defining New Idioms and Alternative Forms of Expression*. Original text: *Literatur und Karneval*, 48. Translation from Breitinger. Brill, 1996.
- Buckler, Grant. "Fake floating islands help clean up ponds". *The Globe and Mail*. September 6, 2012. <http://www.theglobeandmail.com/report-on-business/small-business/sb-growth/fake-floating-islands-help-clean-up-ponds/article595158/>. (accessed March 31, 2017).
- Burtch, Peter. "Maskinonge River Recovery Project: A Community Approach." PDF, A.D Latornell Conservation Symposium, 2009. http://www.latornell.ca/wp-content/uploads/files/presentations/2009/2009_T3E_Peter_Burtch.pdf
- Byrne, David. *Bicycle Diaries*. New York: Penguin Books, 2010.
- Cahalan, Gabe. "Run Your Car on Vegetable Oil." *Everyday Environmentalist*. <https://www.nature.org/greenliving/gogreen/everydayenvironmentalist/run-your-car-on-vegetable-oil.xml?redirect=https-301>. (accessed March 10, 2017).
- "CNE Facts & History." *CNE Canadian National Exhibition*. 2016. <http://theex.com/footer/other/media-centre/cne-history-and-general-information>. (accessed January 26, 2017).
- Conklin Shows. "Welcome." *Conklin & Garrett's All Canadian Shows*. <https://conklinshows.com/>.
- Crabtree, Pam J. *Medieval Archaeology, An Encyclopedia*. New York: Garland Publishing Inc., 2001. <http://archmdmag.com/wp-content/uploads/2016/06/Encyclopedia-of-Medieval-Archaeology.pdf>.
- Dadich, Scott. "Episode 03." *WIRED*. Podcast audio, January 20, 2016. <https://www.wired.com/2016/01/editors-letter-february-2016/#article-comments>.
- Environment Canada, Sustainable Development Office. "Planning for a Sustainable Future: A Federal Sustainable Development Strategy for Canada." PDF: Environment Canada, 2010. https://www.ec.gc.ca/dd-sd/F93CD795-0035-4DAF-86D1-53099BD303F9/FSDS_v4_EN.pdf.
- Farmland Preservation Research Project (FPRP). "Farmland in Ontario - Are we losing a valuable resource?" *Centre for Land and Water Stewardship*. <https://ontariofarmlandtrust.ca/about/whysavefarmland/>. (accessed January 26, 2017).
- Field of Dreams*. DVD. Directed by Phil Alden Robinson. USA: Gordon Company, 1898.
- Fischer, Barbara. *Foodculture: Tasting Identities and Geographies in Art*. Toronto: YYZ Books, 1999.
- Government of Canada. "Childhood obesity". *Government of Canada*. September 12, 2016. <https://www.canada.ca/en/public-health/services/childhood-obesity/childhood-obesity.html>. (accessed March 31, 2017).
- Green, Victor. *Shopping Towns USA, the Planning of Shopping Centers*. New York: Reinhold Pub. Corp., 1960.
- Guinan, Sean. "7 Childhood Ailments that Nature Can Help Heal." *Environmental Pediatrics*. <http://environmentalpediatrics.com/7-childhood-ailments-that-nature-can-help-heal/>. Sean Guinan, L.Ac. Last Updated January 31, 2017.

- Hillis, S. "China to eschew fast growth in new economic plan". Environmental News Network. 7 October, 2005. http://www.enn.com/today_PF.html?id=8980.
- Hind, Andrew, and Maria Da Silva. *Secrets of Lake Simcoe: Fascinating stories from Ontario's past*. Toronto: James Lorimer Limited., 2010.
- Ingersoll, Richard. *Sprawltown: Looking for the City on Its Edges*. New York: Princeton Architectural Press, 2006.
- Ivanko, John. "9 Strategies for Self-Sufficient Living." *Mother Earth News*. Oct/Nov 2013. <http://www.motheearthnews.com/homesteading-and-livestock/self-reliance/self-sufficient-living-zm0z13onzrob?pageid=5#PageContent5>. (accessed March 27, 2017).
- Kane, Hal. *Triumph of the Mundane: The Unseen Trends that Shape Our Lives and Environment*. USA: Island Press, 2001.
- Kasser, Tim. *The High Price of Materialism*. Cambridge: MIT Press, 2002.
- Kelly, Daniel. "New Vegetated Floating Islands for Lake LaVerne". *Lake Scientist - The online source for lake science and technology*. May 19, 2015. <http://www.lakescientist.com/new-vegetated-floating-islands-for-lake-laverne/>. (accessed March 31, 2017).
- Kendrick, Christopher. *Utopia, Carnival, and Commonwealth in Renaissance England*. Toronto: University of Toronto Press Incorporated, 2004.
- Kiendl, Anthony. *Godzilla vs. Skateboarders: Skateboarding as a Critique of Social Spaces*. Regina: Dunlop Art Gallery, 2003.
- Krates, www.kratesmarina.com (accessed March 30, 2017).
- Lim, Cj. *food city*. New York: Routledge, 2014.
- Lim, Cj, and Ed Liu. *smartcities + eco-warriors*. New York: Routledge, 2010.
- Lefebvre, Henri, Łukasz Stanek, Robert Bononno, and Henri Lefebvre. *Toward an Architecture of Enjoyment*. London: University of Minnesota Press, 2014
- Macaulay Eportfolio Community. "The History of Carnival." *The Peopling of New York Final Project*. April 23, 2015. <https://macaulay.cuny.edu/eportfolios/luttonprojects15/music-and-art/the-brooklyn-carnival/the-history-of-carnival-a-timeline/>. (accessed January 26, 2017).
- May, Gary. "Away from the water, cottage process drop," *Globe and Mail*. August 24, 2012, <http://www.theglobeandmail.com/real-estate/away-from-the-water-cottage-prices-drop/article585016/>.
- Micallef, Shawn. *The Trouble with Brunch: Work, Class and the Pursuit of Leisure*. Toronto: Coach House Books, 2014.
- Mills, Simon. *Sustainable Cities: Inspirational Case Studies*. UK: Greenleaf Publishing Limited, 2015.
- Minimalism: A Documentary About the Important Things*. Netflix. Directed by Matt D'Avella. USA: Asymmetrical Press, 2015.
- Newmarket Era. "History of Georgina." *YorkRegion.com*. March 7, 2007. <http://www.yorkregion.com/community-story/1450207-history-of-georgina/>. (accessed March 27, 2017).
- Ontario.ca. "Species at risk in the York Region." *Ontario.ca*. June 20, 2016. <https://www.ontario.ca/environment-and-energy/species-risk-region?name=York>. (accessed October 7, 2016).
- Orion Condo Club. "Gorgeous mid-rise condo suites on the lake from \$500's: Resort living on the water, just 45 minutes from Toronto." *Orion Condo Club*. <http://www.orioncondoclub.com/southshore.html?gclid=CPvtoLr6gNMCfQQOaQod8ggGtg>. (accessed March 31, 2017).

"Our History". *Carnaval de Quebec*. <https://carnaval.qc.ca/carnaval/our-history>. (accessed January 26, 2017).

Peters, Lord Hayden. 'Know Your Trees: Symbolism, The Cypress'. *Art of Mourning*. 2011. <http://artofmourning.com/2011/09/07/know-your-trees-symbolism-the-cypress/>.

Plumer, Brad. "Scientists made a detailed "roadmap" for meeting the Paris climate goals. It's eye-opening." *Vox*. March 24, 2017. <http://www.vox.com/energy-and-environment/2017/3/23/15028480/roadmap-paris-climate-goals> (accessed March 27, 2017).

"Relationships", *Letterkenny*. CraveTV. Directed by Jacob Tierney. Canada: New Metric Media, 2016.

Riedner, Heidi. "Georgina taking deeper look at MURC." *YorkRegion.com*. July 4, 2016. <http://www.yorkregion.com/living-story/6752507-georgina-taking-deeper-look-at-murc/>. (accessed March 31, 2017).

Steel, Carolyn. *Hungry City: How Food Shapes Our Lives*. London: Chatto & Windus, 2008.

Steel, Carolyn. "How Food Shapes Our Cities." Filmed July 2008. TED video. Posted July 2008. https://www.ted.com/talks/carolyn_steel_how_food_shapes_our_cities.

Sustainable Development Office. "Plan for a Sustainable Future: A Federal Sustainable Development Strategy for Canada". *Environment Canada*. October, 2010.

True Stories. DVD. Directed by David Byrne. USA: Warner Bros., 1986.

"UNDER NEW MANAGEMENT, BUT STILL CELEBRATING THE HISTORY." *Krates*. <http://www.kratesmarina.com/krates-history/>.

Union of Concerned Scientists. "Industrial Agriculture: The outdated, unsustainable system that dominated the U.S. food production". http://www.ucsusa.org/our-work/food-agriculture/our-failing-food-system/industrial-agriculture#.WNp_PfnytPZ. (accessed January 7, 2017).

United Nations. "Adoption of the Paris Agreement". *Framework Convention on Climate Change*. 2015. <http://unfccc.int/resource/docs/2015/cop21/eng/l09.pdf>. (accessed March 27, 2017).

United Nations, Department of Economic and Social Affairs. *World Population Prospects: The 2015 Revision*. New York: United Nations, 2015.

Unknown. "The Traditional Hotel Industry." 2012. <http://biblio3.url.edu.gt/Libros/2012/check/1.pdf>.

Urban Death Project UDP. "Urban Death Project Kickstarter Video." YouTube. 04:34. April 28, 2015. https://www.youtube.com/watch?time_continue=5&v=l6LDRQV6XbA.

U.S. Fish & Wildlife Service. "Rusty Patched Bumble Bee (*Bombus affinis*)."
Endangered Species. Last Updated February 14, 2017. <https://www.fws.gov/midwest/endangered/insects/rpbb/index.html>. (accessed March 17, 2017).

UXL Encyclopedia of Science. "Algae". *Encyclopedia.com*. <http://www.encyclopedia.com/science/encyclopedias-almanacs-transcripts-and-maps/algae-1> (accessed March 30, 2017).

Young, Joelle, and Hamdi Jarjanazi. *Lake Simcoe Monitoring Report*. Ontario: Queen's Printer for Ontario, 2017. <https://www.fws.gov/midwest/news/861.html>.

