



2021 ONE PLANET APPENDIX



APPENDIX A: HEALTH AND HAPPINESS

HH1, HH2 and HH4

Table 1. Resident survey results regarding Health & Happiness.

What is your age range?	Does your health allow you to meet your day-to-day needs?	Which aspect(s) of your health could be improved?	Reflecting on your activities and life circumstances, how would you rate your happiness?	Do you feel involved in the Zibi community?
26 – 35	Yes	Higher humidity in the unit. It is painfully dry since the heat came on.	4	No
26 – 35	Yes	Eating well	5	Yes
76+	Yes	Muscle fitness	4	No
36 – 45	Yes	Exercise	5	No
26 – 35	Yes	Lower stress	4	No
26 – 35	Yes	Be less on my phone.	5	Yes
46 – 55	Yes	Weight loss and overall fitness	4	Yes
46 – 55	Yes	Exercise/leisure	4	No
26 – 35	Yes	Mental	4	No
46 – 55	Yes		5	Yes
36 – 45	Yes	More exercise	5	Yes
26 – 35	Yes	Mental Health	2	No
46 – 55	Yes	Exercise – medical offices with doctors needed close by	4	Yes
46 – 55	Yes	The air i breathe	5	No
36 – 45	Yes		3	No
76+	Yes	General strength, stamina	5	No
26 – 35	Yes	Activity	4	No
26 – 35	Yes	Physical – I really need a happy space to walk, etc. The construction is really affecting my mental health. The noise, dust etc.	3	No
26 – 35	Yes	Physical health.	3	No
46 – 55	Yes	Easier access to fresh food in our community.	3	No
26 – 35	Yes	Sports	4	No
46 – 55	Yes	None	5	No

What is your age range?	Does your health allow you to meet your day-to-day needs?	Which aspect(s) of your health could be improved?	Reflecting on your activities and life circumstances, how would you rate your happiness?	Do you feel involved in the Zibi community?
26 – 35	Yes	My unit could be more humid. Since the heat came on, my skin and eyes have been painfully dry. My humidifier doesn't seem to make a difference.	4	No
46 – 55	Yes	I would like to improve enough to run 10k	4	No
36 – 45	Yes	Cardio	4	No
46 – 55	Yes	All good	5	No
66 – 75	Yes		4	No
46 – 55	Yes		4	Yes
26 – 35	Yes		4	Yes
36 – 45	Yes	Cardio	4	No
56 – 65	Yes	Cardio	5	No
26 – 35	Yes	More time in nature	4	Yes
46 – 55	Yes		4	No
46 – 55	Yes		5	Yes
26 – 35	Yes	More social events	4	No
46 – 55	Yes	More exercise	4	No
36 – 45	Yes	Fitness	4	No
66 – 75	Yes		4	No
26 – 35	Yes	N/A	4	No
76+	Yes	The choice of good tenants and please no airbnbs keep them for your rental building	4	No
56 – 65	Yes	My physical shape	4	Yes
36 – 45	Yes	Work-related stress	4	Yes
46 – 55	Yes		4	Yes
56 – 65	Yes	Construction fields, pedestrian and vehicle safety, visitor parking, hot water, quality of appliances, owner-tenant ratio, swimming pool size of gym, walking trails, waste management, condo owners association, after sales services (still having technical problems for more than 3 years – unresolved), communication in general, local grocery stores	3	No
36 – 45	Yes		4	No
56 – 65	Yes	Improvement of chronic pain	4	Yes
46 – 55	Yes	Restaurants. Grocery stores.	4	Yes
36 – 45	Yes	Outdoor exercise	4	Yes
66 – 75	Yes		3	No

HH5

Table 2: Staff survey results regarding Health & Happiness.

Reflecting on your activities and life circumstances, how would you rate your happiness?	Does your health allow you to meet your day-to-day needs?	Which aspect(s) of your health could be improved?
5	Yes	Muscle aches
4	Yes	
1	Yes	Mental
5	Yes	
3	Yes	Work less
4	Yes	Sleep
4	Yes	Increased fitness and better nutrition
4	Yes	
5	Yes	
4	Yes	Diet (more plant-based food)
	Yes	Exercise
3	Yes	Physical
5	Yes	
5	Yes	Personal fitness
4	Yes	More exercise
3	Yes	Being more active
4	Yes	Lose a few pounds!
3	Yes	Sleeping
4	Yes	Drink less, exercise more, sleep more
5	Yes	Lose about 10 pounds
4	Yes	More exercise
4	Yes	
3	Yes	Personal / martial issues
5	Yes	
3	Yes	More exercise
3	Yes	Exercise more
4	Yes	Less work related stress
4	Yes	Cardio, Strength, Energy

HH5

Table 3: Trade worker survey results regarding Health & Happiness.

How would you describe your overall health (mental and physical combined)?	Have you had any training around health and wellness?	Based on your work experience, do you think that more could be done on construction sites to improve workers' health?	Do you have any suggestions on initiatives or programs that could be done on Zibi's site to improve your health?	Do you notice anything different going on at Zibi, compared to other construction sites? If so, please briefly elaborate.
Good	Yes	No opinion		
Good	Yes	No opinion		No
Great	Yes	Yes	Cut down to four day work week.	Trades are good to work with.
Great	No	Yes	Make drywallers cut metal studs in a secluded area	No
Great	No	Yes		
Average	No	No opinion	More pizza days	Racoons
Good	No	Yes	4 day work week	No, similar to LEED project.
Good	Yes	No opinion		
Great	Yes	No	On our side, everything was OK.	
Great	Yes	No		

APPENDIX B: EQUITY AND LOCAL ECONOMY

ELE1

Table 1: Number of units at Zibi under the affordable housing program.

Block	Number of Units	Number of Affordable Units
O Condo	71	0
Kanaal	70	0
Aalto	162	162
TOTAL	303	162
TOTAL % AFFORDABILITY AT ZIBI	53%	

ELE5

Table 2: Events hosted by Zibi in 2021.

Date	Event	Event type	Number of attendees
April 28	Virtual Q&A	Community (Virtual)	6
May 6	Alveole – Meet your Beekeeper	Community (Virtual)	3
Jun – Sep	Yoga (18x)	Community	2-9
Jun 2	Urban Cycling	Community	8
Jun 21	Indigenous Bingo	Community (Virtual)	15
Jun 23-24	P'tite St-Jean	Video shoot	20
Aug 4-7, 11-14	Festibière	Festival	8,000
Aug 25-27	Cancer Champions Breakfast Production	Video shoot	15
Sep 16	Alveole Candle Making	Community	7
22-Sep	École des entrepreneurs	Conference	50
Sep 25	Ottawa Latin Dance Marathon	Fundraiser	80
Oct 01-03	Riverside Festival	Concert	1,000
Oct 09	Equal Chance Fashion Show	Fashion Show	250
Oct 21-24	Rendez-Vous des Saveurs	Public, ticketed	1,500
Nov 3-20	Territoires art expo	Territoires art expo	500
Dec 01	Game night	Community	4
Dec 9-12	Marché de Noël	Market	5500
Dec 8-12	Aragon Couture Pop-up	Pop-up boutique	700
TOTAL	18		17667

APPENDIX C: CULTURE & COMMUNITY

CC3

Table 1: Art installed at Zibi.

Location	Artist	Local and/or Indigenous
Lobby, O	Frank Polson	Algonquin
Model suite, O	Frank Polson	Algonquin
Bike rack, Wasa Zibi Plaza	Karl Chevrier	Algonquin
Rock Benches, Zibi House	Amy Thompson	Local
Model suite, Kanaal	Brendan A. de Montigny	Local
"We are Seeds" mural, Eddy St	Claudia Gutierrez	Ottawa based
Sentier culturel, Ville de Gatineau	Several	Local

CC5

Table 2: Memengweshii Council Meetings.

Dates
February 1, 2021
February 22, 2021
July 9, 2021
July 16, 2021
December 14, 2021

CC6 and CC7

Table 3: Resident survey results regarding Culture & Community.

How many neighbours do you know?	Would you say that your environmental and sustainability awareness has changed since living at Zibi?*	Are there any subjects you would be interested in learning more about?
1-3	2	How can we do better with recycling plastics?
7-9	2	
0	2	What is the "Mighty Networks Space"?
1-3	2	
1-3	3	
1-3	3	Bees
4-6	3	
1-3	2	Zibi community mighty networks space; Zibi community events
10 or more	2	
4-6	2	
0	2	District heating, building with wood
1-3	2	News about Zibi especially on facilities and projects to keep the community together. Living in O is very isolating, all we have is a gym. No grocery store, no lounge room, no pool, no spa, unlike other luxury buildings in the area. It is definitely impacting my mental health.
1-3	3	Grocery stores will be built nearby? Also any new hospitals coming in Gatineau. Medical services need to be improved in Gatineau.
0	2	
0	2	
0	3	Heating and cooling using Kruger and river water
0	2	
1-3	2	
1-3	2	EV Chargers
1-3	2	
1-3	3	Nope
1-3	2	

▼ Chart continued on next page

How many neighbours do you know?	Would you say that your environmental and sustainability awareness has changed since living at Zibi?*	Are there any subjects you would be interested in learning more about?
1-3	2	What is the best way to make my balcony more of a green space or habitat?
4-6	2	We need to be more innovative and engaged. We are not doing enough. Alternates for salting in winter, waste reduction, education, tenant engagement as examples.
0	3	
4-6	2	
0	2	I don't believe anything at zibi is recycled
10 or more	2	Construction of the community
4-6	3	
1-3	2	Not particularly
7-9	2	The progress of the community
1-3	3	
1-3	2	
10 or more	3	
0	3	How to get access to more locally sourced foods, especially in the winter.
4-6	3	Rooftop gardens
1-3	2	
0	2	
1-3	3	N/A
4-6	2	there are too many
10 or more	2	
10 or more	3	Impact of consuming local products
7-9	2	
4-6	2	Cleanliness in the common areas of condo O and lack of regulations in the current agreement.
1-3	2	
10 or more	3	Not really
4-6	1	
4-6	3	
4-6	2	I am surprised that my combined heating and electricity costs are higher than for my old home, which was built in 1912, and poorly insulated walls.

***Rating system:**

1 = I am not concerned by environmental issues

2 = I was already aware of environmental issues and it did not evolve since living at Zibi

3 = My awareness of this issue has developed or has improved since living at Zibi

CC7

Table 4: Staff survey results regarding Culture & Community.

Would you say that your environmental and sustainability awareness has changed since working at Zibi?	Number of responses
My awareness of this issue has developed or has improved since working at Zibi.	16
I was already aware of environmental issues and it did not evolve since working at Zibi.	12
I am not concerned by environmental issues	0

CC7

Table 5: Trade worker survey results regarding Culture & Community.

Before today's session, did you know that you were building Canada's most sustainable community?	Did you receive a brief One Planet training during your Health and Safety orientation session, which is mandatory to start working on Zibi's construction site?	How would you describe your awareness of sustainability issues and solutions?
Yes	Yes	Good
No	Yes	Good
No	Yes	Good
No	Yes	Average
Yes	Yes	Average
No	No	Great
Yes	Yes	Good
Yes	Yes	Good
No	Yes	Good
Yes	Yes	Average

APPENDIX D: LAND AND NATURE

LN2

Table 1: Site area dedicated to park space.

Space	Size (sq m)	% of total park space	% of total Zibi space
Zibi	137,593		
Parks (14% target)	19,263		
Pangishimo	2,500	13%	2%
Headstreet Square	1,600	8%	1%
Tesasini	6,100	32%	4.40%

LN2

Table 2: Plant list for public spaces to date (Pangishimo Park (P), Head Street Square (H), Wasa Plaza (W)).

Scientific name	Common name	Culturally or historically significant	Reintroduced (not found in baseline)	Site
<i>Abies balsamea</i>	Balsam fir	✓	✓	W
<i>Acer rubrum</i>	Red maple	✓	✓	W
<i>Acer saccharinum</i>	Silver maple	✓	✓	P
<i>Acer saccharum</i>	Sugar maple	✓	✓	P,W
<i>Agastache Foeniculum</i>	Anice hyssop	✓	✓	P,H
<i>Amelanchier canadensis</i>	Serviceberry	✓	✓	H,W
<i>Aronia melanocarpa</i>	Black chokeberry	x	✓	P,H
<i>Artemisia ludoviciana</i>	White sagebrush	✓	✓	P
<i>Athyrium filix-femina</i>	Lady fern	x	✓	H
<i>Betula papyrifera</i>	Paper birch	✓	✓	P
<i>Bouteloua curtipendula</i>	Sideoats grama	x	✓	P

Scientific name	Common name	Culturally or historically significant	Reintroduced (not found in baseline)	Site
<i>Calamagrostis canadensis</i>	Canada bluejoint	x	✓	P,H,W
<i>Carex muskingumensis</i>	Palm sedge	x	✓	P,H
<i>Carex pensylvanica</i>	Oak sedge	x	✓	H,W
<i>Carex vulpinoidea</i>	Fox sedge	x	✓	P
<i>Celtis occidentalis</i>	Common hackberry	✓	✓	H,W
<i>Comptonia peregrina</i>	Sweet fern	✓	✓	P
<i>Cornus sericea</i>	Red osier dogwood	✓	x	P,H
<i>Deschampsia cespitosa</i>	Tufted hairgrass	x	✓	P,H,W
<i>Diervilla lonicera</i>	Northern bush honeysuckle	x	x	P,H,W
<i>Eupatorium maculatum</i>	Spotted joe-pye weed	✓	✓	P
<i>Fagus frandifolia</i>	American beech	✓	✓	W
<i>Geranium maculatum</i>	Wild geranium	✓	✓	P,H
<i>Gillenia trifoliata</i>	Bowman's root	x	✓	P
<i>Heliopsis helianthoides</i>	False sunflower	✓	✓	P,W
<i>Hierochloe Odorata</i>	Sweet grass	x	✓	P
<i>Myrica pensylvanica</i>	Northern bayberry	x	✓	P
<i>Osmunda cinnamomea</i>	Cinnamon fern	✓	✓	H
<i>Penstemon hirsutus</i>	Hairy beardtongue	x	✓	H
<i>Picea glauca</i>	White spruce	✓	x	P
<i>Pinus strobus</i>	Eastern white pine	✓	x	P,W
<i>Populus grandidentata</i>	Bigtooth aspen	✓	✓	W
<i>Populus tremuloides</i>	Trembling aspen	✓	x	P,W
<i>Quercus macrocarpa</i>	Burr oak	✓	x	W
<i>Quercus palustris</i>	Pin oak	x	✓	P
<i>Rhus aromatica</i>	FrAGRANT sumac	x	x	H
<i>Ribes aureum</i>	Golden currant	x	✓	P
<i>Rudbeckia lacinata</i>	Cutleaf coneflower	x	✓	P
<i>Schizachyrium scoparium</i>	Little bluestem	x	✓	P,H,W
<i>Sorghastrum nutans</i>	Indian grass	✓	✓	H
<i>Spirea alba</i>	White meadowsweet	✓	✓	H
<i>Sporobolus heterolepsis</i>	Prairie dropseed	x	✓	P,H,W
<i>Symphoricarpos albus</i>	Common snowberry	x	✓	P
<i>Tilia americana</i>	Basswood	✓	x	P
TOTAL	43	24	36	

LN4

Table 3: Resident survey results regarding Land & Nature.

Has your time in nature increased since living at Zibi?	Are there any programs or initiatives you would like to see implemented that might increase your time in nature?
Yes	Can we help with planting in the parks or weeding in the garden spaces?
No	
No	A walking club.
No	
Yes	Maybe something like Meditation or yoga at Chaudiere Falls (during non construction hours)
Yes	More activities similar to yoga.
No	
No	Community walking, running, skiing, sports groups
No	Dog park, more green space on site.
No	
Yes	Winter NCC trail access
No	Completion of the parks, such as the one behind O building. More Winter-friendly areas.
Yes	Scheduled Group walks
Yes	
No	Improve access to the river nearby. So one can actually go down and sit by the water and touch it, not just watch from behind the fence 100 feet away.
No	
No	Access to parks in the Quebec side of the project.
No	Yes, completion of the park and more trees!
Yes	Turning Kannal water facing canal into a skating rink for use only by Kannal Residents 9-7PM. Adding a docking area for kayaks at Zibi Kanaal Park/Chaudiere Park.
No	
Yes	Nope
Yes	
No	
No	Im thinking about starting walking group.
Yes	
Yes	I am active and self motivated so I really can't think of anything. Location makes it easy to get out and enjoy.
No	

▼ Chart continued on next page

Has your time in nature increased since living at Zibi?

Are there any programs or initiatives you would like to see implemented that might increase your time in nature?

Yes	Gardening opportunities at Kanaal
Yes	
Yes	Any initiatives zibi is involved with would be nice.
No	Hiking group, yoga, potluck
No	
Yes	Walking group.
Yes	
Yes	When safe, more organized walks around the area
No	A skating rink on the Kanaal
No	
No	
Yes	Hiking, biking, running, cross country ski clubs
No	
No	
No	Cycling or hiking group
Yes	
No	Trails, vegetation?
No	
No	I do not have the ability to join groups, I could not follow
No	
Yes	Build parks and businesses within walking distance
No	That nature not be deafened by construction sites and all their activity

APPENDIX E: SUSTAINABLE WATER

SW1

Table 1: Residential water meter readings and estimated resident daily potable water consumption.

O Condos	Results
DW Meter Reading (to date)	12014.1 m3
Occupancy = 38 months/1,156 days	10.4 m3/day
# residents (2021)	86
Potable water consumed per resident, per day (estimated)	0.121 m3 or 121 L

Kanaal	Results
DW Meter Reading (to date)	5320.2 m3
Occupancy = 38 months/1,156 days	7.6 m3/day
# residents (2021)	91
Potable water consumed per resident, per day (estimated)	0.083 m3 or 83 L

SW4

Table 2: Zibi stormwater TOTAL Suspended Solid (TSS) results compared to relevant guidelines and standards.

Sample Location	TSS mg/L	Allowable Limit mg/L*
Outfall fronting Block 13	19	15
Outfall Chaudière East	16	15

*Allowable Limit = Sewer Use Storm Bylaw Ottawa

SW3

Table 3: Total sewage conveyance (toilets) and non-potable water used.

Block	Floor	# of Toilets	TOTAL toilets
13 First 3 floors are fed with cistern water	1	12	
	2	18	
	3	18	
	4	18	
	5	16	
	6	16	98
205A	1	12	
	2	11	
	3	21	
	4	23	
	5	21	
	6	19	107
208	1	5	
	2	5	
	3	5	
	4	5	20
2/3			18
211	P1	6	
	1	1	
	2	11	
	3	10	
	4	11	
	5	10	
	6	10	
	7	11	
	8	10	80
210	1	4	
	2	4	8
TOTAL			311
Toilets fed by cistern			48
Cistern maximum capacity = 47,147L			
Cistern water consumption in 2021 = 27,000L			
Percentage of non-potable water used for sewage conveyance			14.5

APPENDIX F: LOCAL AND SUSTAINABLE FOOD

LSF2 and LSF3

Table 1: Resident survey results regarding Local and Sustainable Food.

What percentage of food you consume is from either local, Fairtrade or organic sources?	In the last year, have you been registered in a CSA or farm-to-table program?	If not, what are the reasons why?
0%	No	I just moved here. I don't know of any. Also, it feels like a lot of pressure to eat all of the food alone. I'd rather buy small amounts when I need them.
0%	No	I don't know what it is.
1-25%	No	Don't know what it is.
26-50%	No	
1-25%	No	Don't know too many
1-25%	No	Never heard about it.
51-75%	No	
26-50%	No	lack of information
51-75%	No	We have another food subscription box
76-99%	Yes	
51-75%	Yes	
1-25%	No	Pricing
51-75%	No	
51-75%	No	I do not know about these initiatives
1-25%	No	Haven't seen much info
1-25%	No	I don't know about them
26-50%	No	I don't trust package delivery to this building.
1-25%	No	Didn't get a chance to register.
0%	No	Not aware.
26-50%	Yes	

▼ Chart continued on next page

What percentage of food you consume is from either local, Fairtrade or organic sources?

In the last year, have you been registered in a CSA or farm-to-table program?

If not, what are the reasons why?

What percentage of food you consume is from either local, Fairtrade or organic sources?	In the last year, have you been registered in a CSA or farm-to-table program?	If not, what are the reasons why?
51-75%	No	I did not know what it is
26-50%	No	Pandemic
0%	No	I live alone and would struggle to eat all of the food in a regular delivery. I also don't know where I would find a CSA in Ottawa.
51-75%	No	Too much food for me
1-25%	No	
1-25%	No	I shop on demand...I am always out and get what I need at the time I need it.
1-25%	No	No idea where to do that
51-75%	No	Did not know about it
51-75%	No	
26-50%	No	Not aware of any to be involved with.
51-75%	Yes	
26-50%	No	Wasn't aware of the program
1-25%	No	Not aware
1-25%	No	Didn't know about them, would love to learn more
1-25%	No	Lack of convenience for these services.
1-25%	No	We don't cook from scratch very often due to time constraints. We love GoodFood and would love a more local options like that.
26-50%	No	Not aware of any as I just moved here less than a year ago
1-25%	No	No idea how to do it or know what CSA means
1-25%	No	N/a
26-50%	No	
51-75%	No	living alone the deliveries are too big and I only buy what I can eat
26-50%	Yes	
51-75%	Yes	
0%	No	distances... bringing CSAs here (like in the Byward Market in Ottawa) instead of events.
51-75%	No	
26-50%	No	The quantities are too big for one person. I don't like to waste food and I don't cook all the time
1-25%	No	No reason
26-50%	Yes	
76-99%	Yes	

APPENDIX G: TRAVEL AND TRANSPORT

TT1
Table 1: Resident survey responses when asked to reflect on amount of travel per week and modes of transportation (4=most often, 3=often, 2=sometimes, 1=rarely, 0=never/blank).

On average, how many kilometres do you travel per week overall? (up to x kms)	Rate how often you use [Gasoline Vehicle]	Rate how often you use [Hybrid Vehicle]	Rate how often you use [Electric Vehicle]	Rate how often you use [Public Transit]	Rate how often you use [Bike]	Rate how often you use [Walk/Run]	Rate how often you use [Carpool]
25	4	0	0	2	1	2	1
25	3	0	0	0	0	0	0
25	4	0	0	0	0	3	0
25	4	0	0	2	2	2	1
25	3	0	0	0	0	0	0
25	4	0	0	2	2	2	0
50	4	0	0	2	2	3	1
50	1	0	0	2	4	3	0
50	4	0	0	0	0	0	0
50	1	1	0	2	4	4	1
50	4	0	0	2	0	3	0
50	4	0	0	0	0	2	0
50	4	0	0	0	0	0	0
50	3	0	0	0	3	3	0
50	4	0	0	0	0	0	0
50	3	0	1	0	2	2	0
50	3	1	0	0	1	3	0
50	2	0	0	0	3	3	0

On average, how many kilometres do you travel per week overall? (up to x kms)	Rate how often you use [Gasoline Vehicle]	Rate how often you use [Hybrid Vehicle]	Rate how often you use [Electric Vehicle]	Rate how often you use [Public Transit]	Rate how often you use [Bike]	Rate how often you use [Walk/Run]	Rate how often you use [Carpool]
100	4	0	0	0	3	3	0
100	4	0	0	0	0	1	0
100	4	0	0	0	0	2	0
100	3	0	0	3	0	0	0
100	1	0	0	1	3	1	0
100	0	3	0	2	2	3	0
100	3	0	0	2	3	3	0
100	4	0	0	0	0	2	2
100	4	0	0	0	0	0	0
100	3	0	0	2	2	2	0
100	2	0	0	0	3	2	2
100	4	0	0	2	2	2	0
100	3	0	0	2	0	4	0
100	0	0	2	0	4	3	2
100	2	0	0	2	1	3	2
100	0	4	0	1	3	3	3
150	1	0	0	3	0	4	0
150	4	0	0	0	3	3	0
150	3	0	0	0	3	2	0
150	3	0	0	2	2	4	0
150	4	0	0	0	0	0	0
150	4	0	0	2	0	2	0
150	4	0	0	0	2	3	0
150	4	0	0	0	2	3	0
200	4	0	0	0	1	2	2
200	4	0	0	0	1	3	0
200	4	0	0	0	1	2	0
200	4	0	0	0	0	2	2
200	4	0	0	0	0	2	1
300	4	0	0	0	0	4	2
400	4	0	0	0	1	3	0

APPENDIX H: MATERIALS AND PRODUCTS

PM3

Table 1: Products & materials used in block 211 basebuild – tracking for recycled content and locally sourced materials (not exhaustive).

Folder/Company	Product/Material	Recycled Content	Locally Sourced
Dilfo	Ductwork	x	✓
	Duct sealant	x	x
	Copper pipe	✓	x
	Pipe thread sealant (Pro)	x	x
	Pipe thread sealant (Metallic)	x	x
Flynn Roofing	Substrate primer	x	✓
	Hot rubber membrane	x	✓
	Reinforcement membrane	x	x
	Flashing reinforcement	x	x
	Separation sheet	x	✓
	Drainage board	✓	x
	Insulation sheet	x	x
F&G	Filtration sheet	x	x
	Latex interior coating (PM 400)	x	x
	Floor coating	x	x
	Acrylic coating (PI DTM)	x	x
	Acrylic coating (PI HP)	x	x
	Latex interior coating (PM 200)	x	x
	Latex interior coating (Flat)	x	x
	Latex interior coating (Sheen)	x	x
Acrylic coating (Extra)	x	x	

▼ Chart continued on next page

Folder/Company	Product/Material	Recycled Content	Locally Sourced
Groupe Raymond	Parking membrane	x	✓
	Primer	x	✓
	Rubber membrane	x	✓
	Wear coat	x	✓
Bellai Masonry	Concrete	x	✓
	Reinforcement (Steel)	✓	✓
	Pre-blended mortar (Bloc)	x	✓
	Pre-blended grout	x	✓
	Pre-blended mortar (Spec)	x	x
	Membrane (SA)	x	x
	Membrane (TWF)	x	x
	Adhesive	x	✓
	Mastic (seal)	x	✓
	Exterior insulation	✓	✓
Marathon	Brick	x	x
	Aspen hearts Green Rough RL	x	✓
	Spiral Pipe	x	✓
	Rock anchors, Bearing plates, Threadbars	x	x
Integro	MS Cable grout	x	✓
	Glazing sealant	x	x
	Building sealant	x	x
	Weatherproofing sealant	x	x
	Silicone bldg. sealant	x	x
	Structural glazing sealant	x	x

▼ Chart continued on next page

Folder/Company	Product/Material	Recycled Content	Locally Sourced
Covertite	Waterproofing membrane	x	x
	Primer	x	x
	Waterproofing membrane (Flam 180)	x	x
	Drainage Board	x	x
	Blindside waterproofing	x	x
	XPS insulation (35)	x	x
	XPS insulation (40)	x	x
	XPS insulation (60)	x	x
	XPS insulation (100)	x	x
	Primer	x	x
	Primer (Protector)	x	x
	Adhesive	x	x
	Waterproofing membrane (sp lap)	x	x
	Waterproofing membrane (Flam HR)	x	x
	Waterproofing membrane (Flam HR SP)	x	x
	Vapour barrier	x	x
Instaco	Toilet	x	x
	Bathroom supplies	✓	x
	Storage solutions	✓	x
	Global partitions	✓	x
Tomlinson	Ready mix concrete	✓	✓
	Cement	x	✓
	Slag cement	x	✓
	Coarse aggregate	x	✓
	Fine aggregate	x	✓
Flynn Siding	Membrane	x	x
	Insulation	x	✓
	Aluminium plate panel	x	✓
	Insulated metal panel	x	✓
	Sheet metal	x	✓
	Sealant	x	x
TOTAL	76	9 (11.84%)	27 (35.53%)

APPENDIX I: ZERO WASTE

ZW1

Table 1. Resident survey results regarding Zero Waste.

Do you recycle?	Do you compost?	Are you confident about your knowledge on waste sorting?	What do you find challenging about waste diversion? Please include details.
Yes	Yes	Yes	Exactly which plastics are okay? The signs in the sorting room just have pictures, not the actual plastic numbers. Is 5 bad? Should I only recycle 1s and 2s?
Yes	Yes	Yes	It's all going in a landfill or shipped to China anyway.
Yes	Yes	Yes	What is it?
Yes	No	Yes	Sorting facility for recycling is inadequate
Yes	No	Yes	No waste sorting on each floor. Lots to carry down to P1
Yes	Yes	Yes	N/A
Yes	Yes	Yes	
Yes	Yes	Yes	
Yes	Yes	Yes	people who do not sort properly
Yes	Yes	Yes	Different plastics including bags and wrapping
Yes	Yes	Yes	It is hard to keep up waste diversion in a very small apartment, including the smell.
Yes	Yes	Yes	Boxes should be labeled correctly on what items go inside the specific recycling box. Sometimes confusing .
Yes	Sometimes	No	I do not know the concept
Yes	Yes	Yes	Poster in the recycle room with a list of recyclable stuff would be helpful.
Yes	Yes	Yes	What is it?
Yes	Sometimes	Yes	
Yes	Yes	Yes	I wished the door to the garbage could automatically open making it easier for me. "Wave to open" door.
Yes	No	Yes	Would be nice to have garbage chutes instead of walking to P1. Designated chutes for each type of waste.
Yes	Yes	Yes	Items that are partially recyclable (e.g.envelopes and boxes that have plastic windows that need to be removed).
Yes	Yes	Yes	Nothing

▼ Chart continued on next page

Do you recycle?	Do you compost?	Are you confident about your knowledge on waste sorting?	What do you find challenging about waste diversion? Please include details.
Yes	Yes	Yes	Nothing
Yes	Yes	Yes	Why isn't aluminum foil recyclable? Why don't the recycling signs in the building list the actual plastic numbers instead of showing pictures of things?
Yes	Yes	Yes	Education of other residents. So disappointing to see how disrespectful people can be. Also, the construction site(s) surrounding us need to do better with their waste, and share details about their wins!
Yes	Yes	Yes	
Yes	Yes	Yes	Challenge is related to storage in the unit and the sorting bins.
Yes	No	No	I don't believe anything is diverted
Yes	Yes	Yes	Whether or not something is recyclable or not like some plastics and types of paper
No	No	Yes	
Yes	Yes	Yes	No issues.
Yes	Yes	Yes	Plastic bag in the garbage instead of recycle bin
Yes	Yes	Yes	Wish more household plastics were recyclable
Yes	Yes	Yes	It would be good to have a way to segregate valuable recyclables.
Yes	Yes	Yes	
Yes	Yes	No	mostly related to plastics and what types are actually recyclable.
Yes	Yes	Yes	Seeing how terrible a job other people do :)
Yes	Yes	Yes	Space for sorting and storing
Yes	No	Yes	No automatic door opener on recycle room door
Yes	Yes	No	
Yes	Yes	Yes	Nothing
Yes	Yes	Yes	The fact that some people put their garbage in the recycling without consideration when there is a trash can next to it
Yes	Yes	Yes	To see how many plastics we use and which ones are recyclable. Also, it's sad to see some neighbors totally ignoring recycling/composting and wasting so much.
Yes	Yes	Yes	
Yes	Yes	Yes	None
Yes	Yes	Yes	
Yes	Yes	Yes	Often plastics are more difficult to remember.
Yes	No	Yes	
Yes	Yes	Yes	Recycling of food containers
Yes	Yes	Yes	That many neighbors miss opportunities to recycle or mix up bins

ZW1

Table 2. Staff survey results regarding Zero Waste.

Do you recycle?	Do you compost?	Are you confident about your knowledge on waste sorting?	What do you find challenging about waste sorting?
Yes	Yes	Yes	
Yes	No	Yes	
Yes	No	Yes	Availability
Yes	Yes	Yes	
Yes	Yes	Yes	
Yes	No	Yes	
Yes	No	Yes	Our compost is outside the building, difficult to get to.
Yes	Yes	Yes	
Yes	Yes	Yes	
Yes	Yes	Yes	
Yes	Yes	Yes	Time
Yes	Yes	No	Clearly identifying what goes where
Yes	No	No	
Yes	Yes	Yes	Added area required to keep thing separate
Yes	Yes	Yes	
Yes	No	Yes	
Yes	Yes	Yes	
Yes	Yes	Yes	Smell
Yes	Yes	Yes	Composite materials that are labelled as if they can be recycled, but they can not without disassembly. Also challenges with reading numbers on plastic sometimes
Yes	Yes	Yes	
Yes	Yes	No	
Yes	Yes	Yes	
Yes	Yes	Yes	
Yes	Yes	Yes	No challenges
Yes	Yes	Yes	Accidental waste contamination.
Yes	Yes	Yes	Differences between jurisdictions.
Yes	Yes	Yes	Non-sustainable packaging is the hardest to sort, especially when it is comprised of a combination of plastics & fibers.

ZW4

Table 3. Quebec construction waste audit reports.

Date	MT Diverted by Marterial								Total Diverted (MT)	Total Residual (MT)	Total (MT)	Diversion Rate
	Wood	Metal	Cardboard	Shingles	Gypsum	Insulation	Aggregate	Plastic				
Jan.	7.9965	1.509	4.4225		3.2105	3.4065	1.006	4.081	25.632	0.348	25.98	98.66%
Feb.	3.912	1.5995	2.895		2.816	2.4655	1.0085	2.7335	17.43	0	17.43	100%
Mar.	7.336	1.527	4.762		5.6795	4.398	1.163	4.2585	29.124	0.566	29.69	98.09%
April	7.033	1.761	2.5375		2.789	1.82	1.0045	1.755	18.7	0	18.7	100%
May	16.277	3.0405	8.539		12.6295	5.953	1.8075	6.5235	54.77	0	54.77	100%
June	9.5975	0.9375	6.1335		8.9595	5.502	3.148	6.422	40.7	0	40.7	100%
July	5.9575	1.0915	5.5905		7.454	2.995	0.6805	3.551	27.32	0	27.32	100%
Aug.	11.988	1.3725	9.7875		19.9055	7.185	1.152	6.4885	57.879	0.481	58.36	99.17%
Sept.	12.039	3.5335	10.2515		15.286	8.073	2.855	9.042	61.08	0	61.08	100%
Oct.	9.7155	0.3405	11.3965		19.5235	3.845	1.688	6.461	52.97	0	52.97	100%
Nov.	11.571	3.429	10.104		11.8625	6.3	3.6435	7.36	54.27	0	54.27	100%
Dec.	4.4525	1.3775	4.6125		3.5745	3.148	1.4245	3.6765	22.266	0.294	22.56	98.69%
TOTAL	107.8755	21.519	81.032		9.474166667	4.590916667	1.715083333	62.3525	462.141	1.689	463.83	99.55%

ZW4

Table 4. Ontario construction waste audit reports.

Date	MT Diverted by Marterial												Total Diverted (MT)	Total Residual (MT)	Total (MT)	Diversion Rate
	Asphalt	Fibre	Cleanfill	Concrete	Concrete/ Rebar	Drywall	Metal	Ceiling Tiles	Aggrigate	Wood	Porcelain	Glass				
Jan.		7.13				1.32	5.38		30.42	26.54			70.79	10.07	80.86	87.55%
Feb.		7.92				1.88	5.17		13.13	34.71			62.81	6.4	69.21	90.75%
Mar.		13.33				3.04	8.35		27.47	57.34			109.53	18.45	127.98	85.58%
April		8.39				4.69	4.6		2.1	26.15			45.93	11.64	57.57	79.78%
May		6.16				9.99	5.31		1.73	17.66			40.85	8.48	49.33	82.81%
June		11.51				13.11	4.32		1.3	13.34			43.58	14.62	58.2	74.88%
July		11.93				11.51	3.75		12.11	13.37			52.67	18.95	71.62	73.54%
Aug.		11.11				15.69	4.12		4.39	22.84			58.15	14.99	73.14	79.51%
Sept.		17.21				9.86	5.25		8.34	26.16			66.82	31.81	98.63	67.75%
Oct.		19.96				7.16	3.85		11.9	33.31			76.18	30.05	106.23	71.71%
Nov.		12.2	3.15			6.27	4.1		16.97	26.05			68.74	25.96	94.7	72.59%
Dec.		3.51	6.19			1.6	0.24		2.2	1.08			14.82	6.79	21.61	68.58%
TOTAL		130.36	9.34			86.12	54.44		132.06	298.55			710.87	198.21	909.08	78.20%



2021 ONE PLANET
APPENDIX

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