

Gingerbread City 2017

5th - 22nd December 2017

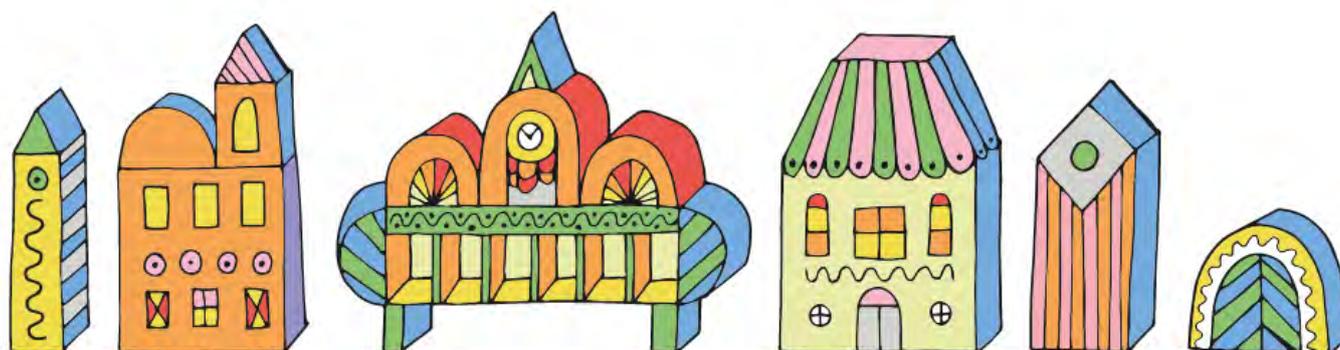


MCA
Museum of Architecture

Tibbalds
planning and urban design

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1 Introduction

“Roll up, roll up - your dough and your sleeves - the most magically edible city is coming back to town!”

Yes, this December, the Museum of Architecture is bringing scrumptious back... with the opening of Gingerbread City 2017!

A baker once told me in The Duke of Yorkie over a cold pint of chocolate milk that he stopped making do-nuts after he got tired of the hole thing. But we will not stand for this half-baked attitude in our city plans...

So, we've teamed up with the Museum of Architecture again and set the temperature to 200°C to rise to new heights!

So, log-on to www.thegingerbreadcity.com now and secure your plot on the tastiest masterplanned city your hungry eyes will ever feast on!

Health and Well-Being

The theme of this year's city is 'Health and Well-Being'.

This Masterplan Document – like the crushed biscuits beneath a cheesecake - is the foundation for Gingerbread City, designed as the ideal city in which gingerbread people can live, work and play.

The Masterplan is broken into four distinct pieces; an Old Town, the New Town, the Eco Town and the Energy Town each forming an ingredient that comes together to produce the finished city. A city baked to perfection!

Character Areas (Crumble Hill, Cake a Diem, Churning District, Central Baking District, Treacle-Tech Hub and Home-craft Honeycomb) are the pieces that make up the gingerbread city jigsaw. Each Character Area has its own tasty style, and each features one or two signature landmark buildings which allows for hierarchies of space to be established, yet the public realm is fluid throughout.

Planning Policy that you can get your teeth into...almost literally! Gingerbread houses, offices and leisurely buildings all require guidance and protection (not just from foxes). Our planning policy enables the city to grow in a sustainable way, yet allows for innovation to blossom alongside conservation.

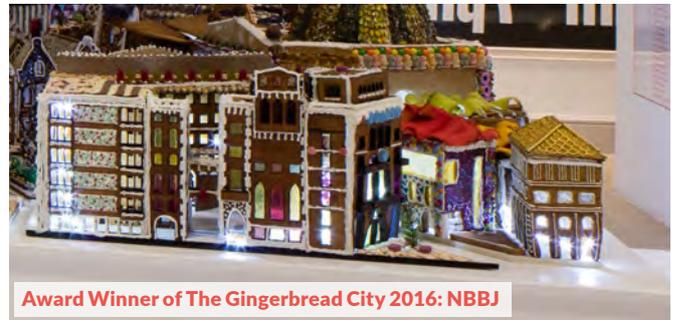
Pricing explains the value of each of the plots available. The plots are arranged by their value level – with larger and more significant 'landmark' plots being higher in value. So break open your piggy banks and splash those chocolate coins – it's an investment opportunity that doesn't need to be sugar-coated...and it also helps support the fantastic work of the Museum of Architecture and stimulates wider discussion and debate about what makes good places.

2 History of Gingerbread City

Gingerbread City 2016

Last year we were overwhelmed by the most enchanting, delightful and tasty treats our eyes could savour. See here a small sample from the event, and the winners of the Gingerbread City 2016.

Over 65 architecture, landscape and design practices took part and over 10,000 people visited the exhibition over the two weeks it was open!



Award Winner of The Gingerbread City 2016: NBBJ



Award Winner of The Tibbalds Prize: Platform 5 Architects



Award Winner of The Ecoled prize: Foster and Partners



And now it's time for Gingerbread City 2017

In our city, we gingerbread folk have focused on building a sustainable eco-city that helps us stay healthy, despite being surrounded by all things scrumptious and sweet.

The foundations are built up within **Crumble Hill**, the medieval core of the city. This tight urban grain is surrounded by **Cake a Diem**, the expanded Renaissance area of the city. It's full of cinnamon and spice and all things nice!

As the gingerbread population has expanded we've needed more space, and so that no sly foxes catch us crossing the river, three bridges have been built to allow safe passage for all of our gingerbread men, women and children as they're running along leading their busy lives!

The three bridges link to the new city where, in the **Central Baking District**, many of our risen up gingerbread workers earn their dough! It's not 100% work as we knead to have entertainment too – and within the **Churning District** there's a public square, complemented by plentiful open spaces and a stadium, where everyone can relax.

Across the **Jelly River**, a bridge wide enough for even the widest baked gingerbread person leads to the **Eco-Town**. Now that we've banished those cruel foxes from our society, there's a need for us to think about how we can sustain our edible race forever in a sweetie wonderland for all!

It's been decided it's time to go back to basics and, as the famous baker Pistachio Hollywood once quipped: *"Baking can be done with a few simple ingredients, so it's about simplicity and nostalgia"*.

We've set about creating more green spaces, open routes and functional neighbourhoods where clean living is at the forefront of our ginger-crisped minds. Whether you've just come out of the oven, you're learning your a-b-cookie's or if you're heading into the city to earn your dough, we want your edible life to be as healthy as possible!

The **Treacle-Tech Hub** is the high-tech centre which supports the sustainable buildings and green landscape, using wind and solar farms to deliver clean transport for the whole city. **Home-craft Honeycomb** adds to the social cohesion by facilitating a self-supporting community with zero-carb buildings, green spaces and there is even a sustainable food farm so we can grow healthy sweet-treats for the old and new towns!

In short, like a good baker, Tibbalds has once again risen to the occasion and produced a masterplan for the Gingerbread Metropolitan Authority (GMA) that will give gingerbread people everything they could desire.

It's the yeast we could do!

3 Urban Design Concept

The masterplan for the 2017 Museum of Architecture Gingerbread City is based around 4 different city 'quarters' each with a strong and distinctive character and designed to help make the residents healthy and happy. Or as healthy as they can be with so much sugar around!

There are lots of hills, rivers and bridges in the city that help the residents stay healthy as they walk around the town between schools, offices, factories, museums, shops, parks and their homes. There are also areas for power generation, waste and transport interchanges.

The Old Town

The Gingerbread Old Town has been around since medieval times and is built around the original motte and bailey castle that has protected the Gingerbread City for over 500 years. Crumble Castle has been rebuilt many times but is highly visible for miles around because of its distinctive landmark towers and the distinctive Crumble Square that has been the focus of many celebrations and riots over its long history. Today the square is the location of the Old Town's Christmas Celebrations and Christmas Market and with a huge Christmas Tree.

The Streets around the Castle retain their medieval street pattern with many older buildings and some sensitive new additions all of which have lots of interesting detail and interesting and varied roof forms.

The New Town

This newer part of the City used to be an industrial area and has changed a lot over the past 50 years with both new and converted buildings and a busy shopping and working district. The area is planned around the Ganache Stadium that is a popular and busy landmark for both sporting, music and other performances that keep the Gingerbread City residents busy and entertained.

The new town is more formally planned than any other part of Gingerbread City and includes modern buildings and a few taller buildings that reflect the demand for living and working in such a central and walkable part of the city.

The Eco Town

The newest part of the Gingerbread City was planned 25 years ago and now provides a vibrant area of parks, green spaces, high quality buildings and excellent walking and public transport links into the leisure opportunities and other facilities in the New Town. All of the buildings are well related to parks and green spaces and there are well connected cycle and walking routes so that residents don't need to rely on private cars for day to day transport.

The character of the Eco Town is based upon green spaces and landscape between visually interesting and small and large buildings that are of a human scale and interesting at street level and in terms of their skyline.

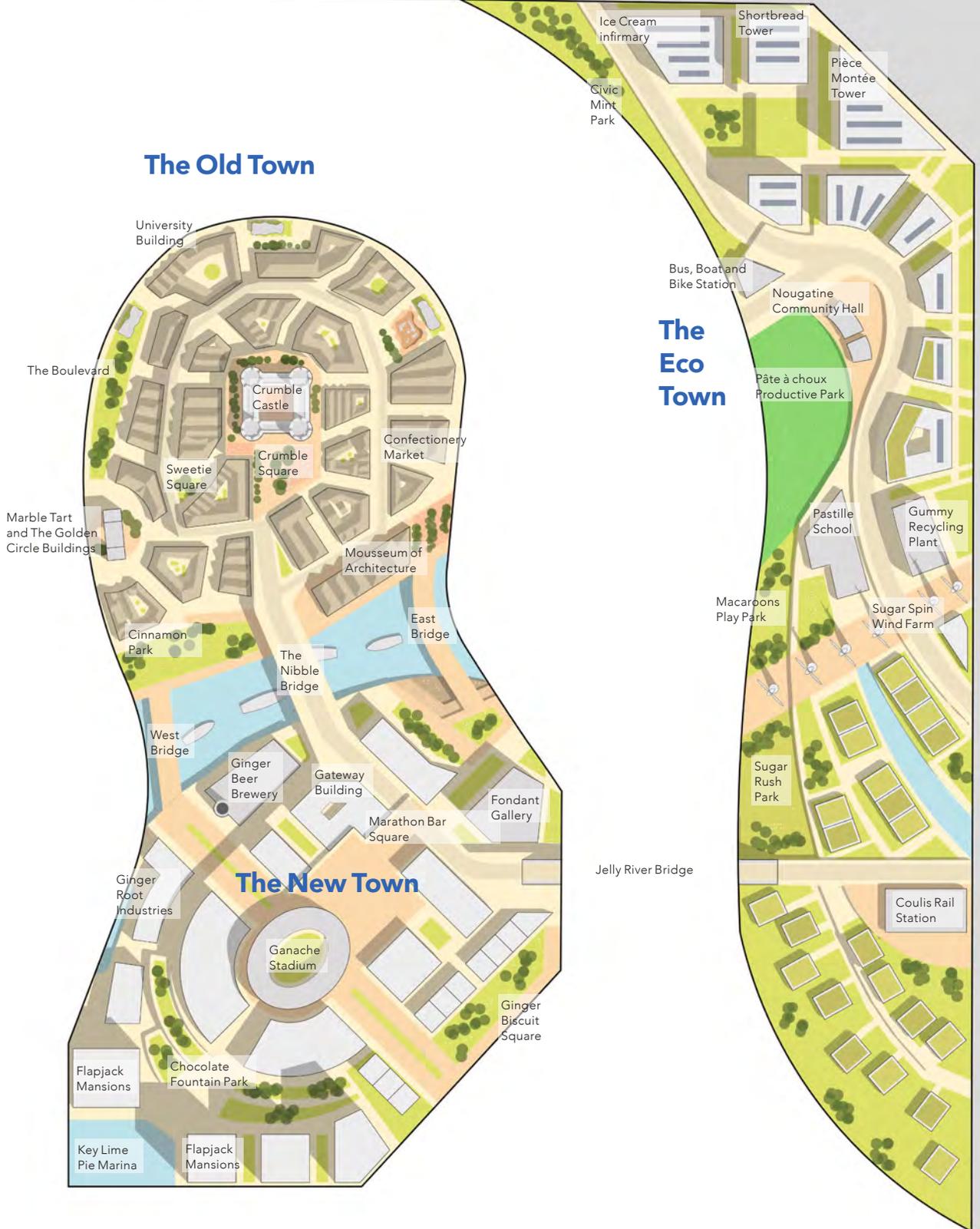
The riding bridge linking the new town and the eco town has to lift at least once a day to let in the large cargo ships that still access the port area of Gingerbread City.

The Energy Town

This part of Gingerbread City helps generate the power and energy needs of the residents of the whole city in a sustainable way using a waste to energy plant and focusing residents thoughts on a strategy of reduce, reuse and recycle. This part of town also includes a transport hub where a wide range of sustainable modes of transport all coincide, and other edge of town facilities exist; parks, allotment gardens and a social hub where residents come at weekends to unwind and re-charge their energy levels.

Situated on the waterside on the outskirts of the town this area provides an interesting place for local school children to visit and as a main transit hub for many people who pass through Gingerbread City for the holidays.

The Gingerbread City 2017 Masterplan has been designed by Tibbalds Planning and Urban Design for the Museum of Architecture. It forms planning policy document GCP1 for the Gingerbread Metropolitan Authority.



The Old Town

The Eco Town

The New Town

The masterplan located on the 2nd room of the exhibition space

Scale 1:25 @ A4 0 0,5m 1m 2m

4 Character Areas

The three central “quarters” of the city; the old town, the new town and the eco town, provide the city with a rich variety of character and architectural styles and are further sub-divided into six character areas.

Gingerbread residents are so proud and protective of the particular characteristics of their neighbourhoods that they have all been very actively involved in preparing neighbourhood plans to preserve and influence new developments on these areas.

The Old Town

- ◆ Character area 1 - Crumble Hill - This is the Medieval core and enjoys the most elevated position within the topography of the whole city
- ◆ Character area 2 - Cake a Diem - A district with a predominant renaissance style

The New Town

- ◆ Character area 3 - Churning district - This area has a strong industrial heritage with a Victorian dock and a new marina
- ◆ Character area 4 - CBD Central Baking District - The CBD is where we find more modern buildings and lots of sport facilities

The Eco Town

- ◆ Character area 5 - Treacle-Tech Hub - This is a highly sustainable area with high rise buildings surrounded by green open spaces
- ◆ Character area 6 - Home-craft Honeycomb - This highly sustainable area with small scale buildings is where we find hundreds and thousands of bespoke zero carbon houses

The Character Area Plan is shown here, and forms GCP2 within the Gingerbread Metropolitan Authority’s suite of planning policy documents.

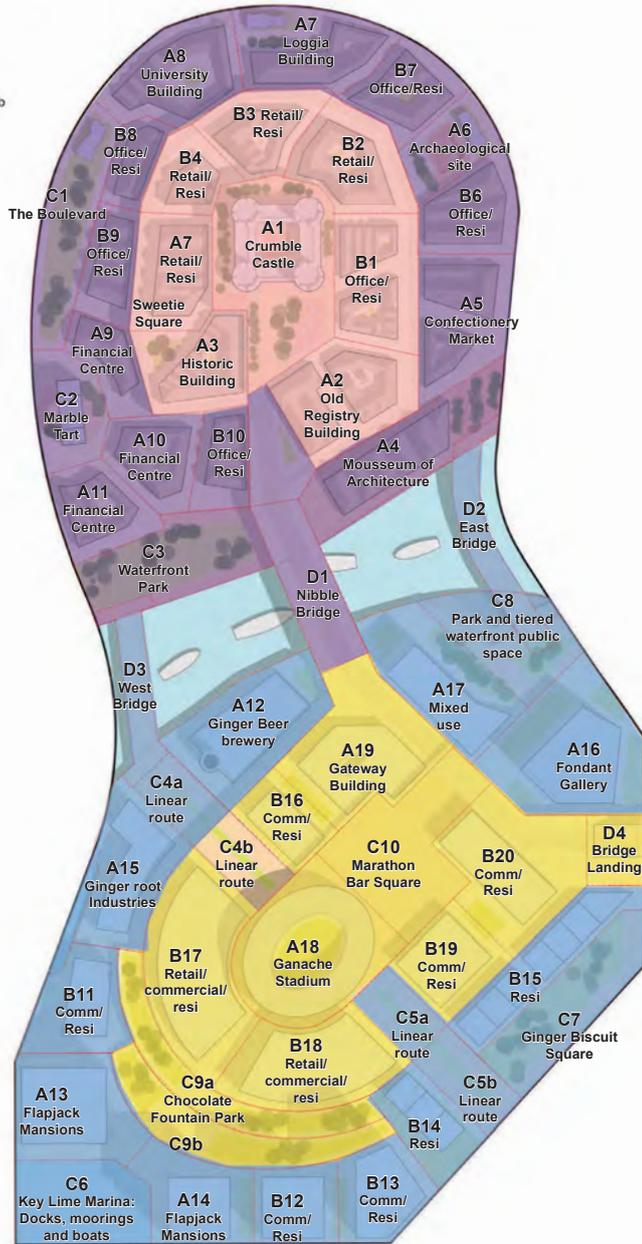
Further detail on each of the character area is set out on the following pages.

Each character area further divides into building and landscape plots that make up the rich urban fabric of the city.

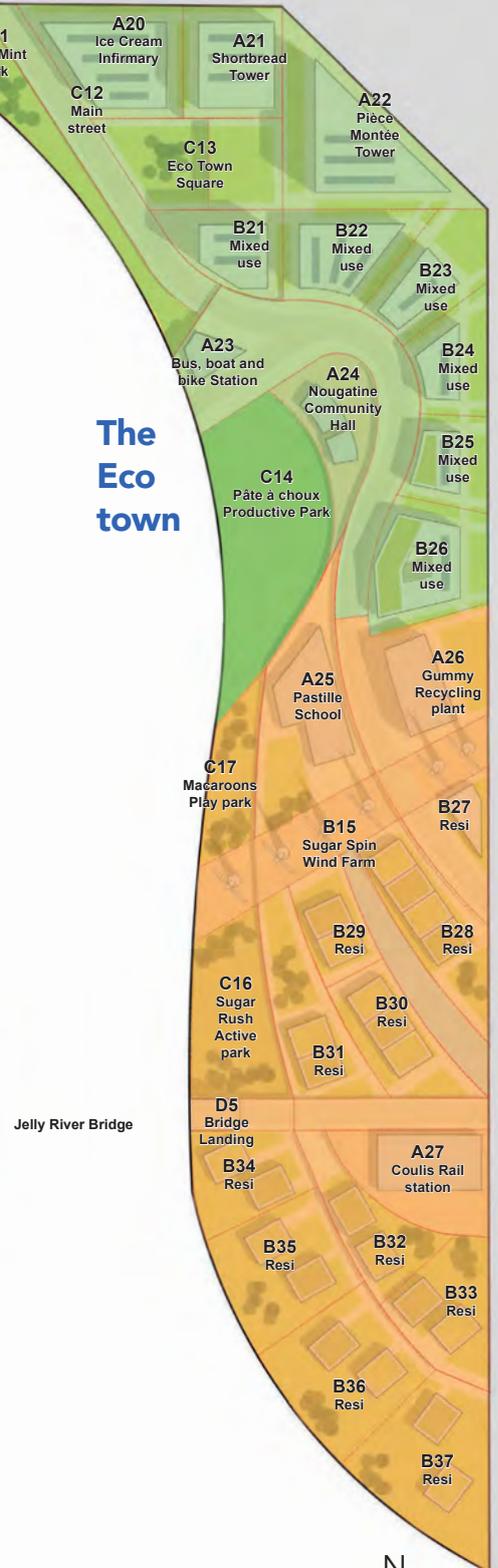
Plots, and schedules of plot guidance and parameter plan requirements are included in section 6 as GCP3.

- Old Town
 - Crumble Hill
 - Cake a Diem
- New Town
 - Churning District
 - Central Baking District
- Eco Town
 - Treacle-Tech Hub
 - Home-craft Honeycomb

The Old town



The Eco town



The New town



Scale 1:25 @ A4 0 0.5m 1m 2m

The Old Town

Character Area 1: Crumble Hill

This neighbourhood has a long history dating back to Medieval times. Originally built around Crumble Castle and surrounded by a defensive wall (fortification) to protect gingerbread residents from sly foxes, the area still retains many older buildings and few crumbs of the bailey and defensive wall.

Crumble Square has become the heart of the Christmas Celebrations and it is here where old and newly baked residents come together to sing Christmas carols and drink mulled ginger beer

Description

- ◆ Predominantly retail and residential area with an important civic centre
- ◆ High density area
- ◆ Organic layout of fine urban grain
- ◆ Walking environment of narrow winding streets
- ◆ Predominantly old buildings with some sensitive new ones
- ◆ Interesting and varied roof form

Main landmarks and focal points

- ◆ At the top of Crumble Hill, Crumble Castle and Crumble Square are the “cherry on the cake” of the whole gingerbread city
- ◆ Other important building is the Old Registry Building, composed of two similar in style buildings enclosing the southern frontage of Crumble Square
- ◆ Sweetie Square is particularly yummy and is here that the locals come to relax after work

* For additional design guidance on individual plots within this character area, please refer to GCP3: Parameter Plan and plot design guidance table within Section 6.

Precedents



Edinburgh Castle



Grassmarket Edinburgh



Small medieval square in Brignoles France

Character Area 2: Cake a Diem district

This is the renaissance neighbourhood of the old town where we find some grand buildings now adapted to modern day uses.

It is in this area that the University campus is found and where façades boast a wide range of classical elements.

Description

- ◆ Employment and educational uses with some residential
- ◆ Mid-high density area
- ◆ Mix of fine urban grain and a more formal street pattern, if compared to the Crumble Hill neighbourhood
- ◆ Façades are more symmetrical and have classical building elements like pediments, columns and arcades

Main landmarks and focal points

- ◆ The University building with its 1/2 pudding dome has been the cradle of wisdom teaching the people of Gingerbread City magnificent recipes since the 14th century
- ◆ The Boulevard and the beautiful Marble Tart Arch surrounded by the Golden Circle Buildings are some of the most visited landmarks of this neighbourhood. Marble Tart Arch was built to commemorate the Gingerbread victories against the sour and grumpy southern neighbours
- ◆ The Mousseum of Architecture with its contemporary roof form and the Confectionery Market are other important buildings that greet gingerbread residents coming from The New Town by the East Bridge

* For additional design guidance on individual plots within this character area, please refer to GCP3: Parameter Plan and plot design guidance table within Section 6.

Precedents



St Peter's Basilica, Rome Italy



Piazza Maggiore, Feltre Italy



Osborne House, East Cowes, Isle of Wight

The New Town

Character Area 3: Churning district

This neighbourhood used to be the industrial core of the city. It has a very sticky relationship with the river due to its dock and newly built marina.

It is from the Churning Docks that gingerbread cooks used to unload the sugar cargoes coming into the city from distant and exotic places.

Description

- ◆ Predominantly retail and employment area with some residential
- ◆ Mid density area with lower density buildings on the eastern part and taller buildings around the marina
- ◆ Formally planned grid with a mix of old industrial and new buildings
- ◆ Building front onto the river

Main landmarks and focal points

- ◆ Ginger Beer Brewery is an important landmark of this neighbourhood and its chimney still continues to disperse the sweet aroma of fermented ginger
- ◆ Hot destinations within this neighbourhood are:
 - Key Lime Pie Marina with the Flapjack Mansions. (It is from this very marina that the famous gingerbread skipper Alex Torti departed for the Vendée Globe 2017), and
 - The area of the Fondant Gallery and the open space to the east of the neighbourhood.
- ◆ Other important spaces within this area are the pedestrian routes north and south of the Ganache Stadium. These stepped routes help gingerbread residents stay strong and healthy despite their sugary diet

Precedents



Schmidt Brewery, St Paul Minnesota



Antwerp marina, Belgium



Montmartre Hill, Paris

* For additional design guidance on individual plots within this character area, please refer to GCP3: Parameter Plan and plot design guidance table within Section 6.

Character Area 4: Central Baking District

Planned around Ganache Stadium, the Central Baking District is the melting pot where sports, music, comedy and drama take place to keep gingerbread residents cheerful.

This neighbourhood has modern urban blocks surrounding the stadium and Marathon Bar Square

Description

- ◆ The area has commercial and residential uses and includes some sport and leisure facilities
- ◆ Mid density area with few taller buildings
- ◆ Formally planned grid with new urban blocks
- ◆ Walking environment

Main landmarks and focal points

- ◆ The new Ganache Stadium is the most impressive contemporary landmark of this part of the city
- ◆ Looking north onto Nibble Bridge, the Gateway Building is another important feature of this neighbourhood with its chamfer frontage signalling the entrance into the district
- ◆ Marathon Bar Square and Chocolate Fountain Park are important convivial places used for sports and as meeting places to catch up with friends

Precedents



Bird's nest Stadium, Beijing, China



Cascading urban park, China



Urban blocks, Vienna

* For additional design guidance on individual plots within this character area, please refer to GCP3: Parameter Plan and plot design guidance table within Section 6.

The Eco Town

Character Area 5: Treacle-Tech Hub

This area is highly sustainable and has loads of green spaces of all kinds; productive urban farms, leisure parks and green pedestrian corridors.

This is urban living at its best with high rise eco buildings within easy access of quality parks, and plenty of clean transport facilities.

Description

- ◆ Mixed use building well related to open spaces
- ◆ High density area
- ◆ Formally planned grid around open spaces
- ◆ Buildings are highly sustainable. Mix of passive sustainable design and visible hi-tech green features
- ◆ Wind turbines and solar panels are a common feature

Main landmarks and focal points

- ◆ The contemporary landmark buildings, Shortbread Tower and Pièce Montée Tower are highly visible from others parts of the city
- ◆ Gingerbread residents rarely get ill, but when this happens the clean, hi-tech Ice Cream Infirmary provides first class care to get residents up and running
- ◆ Pâte à choux Productive Park with the new Nougatine Community Hall, are the heart of the community and it's here that gingerbread residents meet, have fun and work together to grow food

* For additional design guidance on individual plots within this character area, please refer to GCP3: Parameter Plan and plot design guidance table within Section 6.

Precedents



Sino Swedish Eco City



Ryerson urban farm, Toronto, Canada

Character Area 6: Home-craft Honeycomb

Home-craft Honeycomb is a self supporting community, and in here we find great, interesting, small buildings that work hard to have little or no impact on the environment.

Creativity of form and shapes abounds and all buildings are bespoke. The local school does a great job introducing newly baked residents to the secrets of happy healthy living.

Description

- ◆ The area is predominantly residential with some community uses
- ◆ Mid-low density area
- ◆ Organic layout around open spaces
- ◆ Walking and cycling environment

Main landmarks and focal points

- ◆ Rising bridge is undoubtedly a great landmark along the river, opening up once a day to allow for cargo ships to enter the dock
- ◆ The Gummy Waste and Recycling Plant is the beacon of future communities and a symbol of wellbeing and holistic living. The building is so fantastic and full of colour that visitors queue for hours to see it
- ◆ Productive and elegant, the Sugar Spin Wind Farm park is now and integral part of the eco-town's skyline

Precedents



Bascule bridge - Rethe Bascule Bridge Hamburg Germany



Spittelau waste incineration plant Vienna, Austria



Eco home The Pavilion, Blackheath, London



First certified Passivhaus in England, Underhill House, Gloucestershire

* For additional design guidance on individual plots within this character area, please refer to GCP3: Parameter Plan and plot design guidance table within Section 6.

The Energy Town

This is the engine of Gingerbread City, providing power and recycling the waste that the city produces; connecting, and re-charging the energy levels of, gingerbread residents.

Powering the City

Description

This area produces all the energy to power the city and all the food to power and feed the entire gingerbread population and includes:

- ◆ Wind and solar farm
- ◆ Sustainable food farm
- ◆ Wastewater treatment plant



Solar panels in buildings



Algae facade in Hamburg



Wind farm

Connecting the people of Gingerbread City

Description

This area contains an integrated transport hub and is where a range of sustainable transport modes coincide. In here we find:

- ◆ Electric train
- ◆ Transport hub
- ◆ Water taxi - Vaporetto



Solar-lab electric boat



Houston light rail

Improving the energy, health and social networks

Description

This area illustrates other important elements of the city that help ensure the happiness, health energy levels and well-being of the Gingerbread City population. This includes open, green spaces and community facilities that foster strong social networks:

- ◆ Social hub
- ◆ Hard landscape linear space
- ◆ Allotments gardens
- ◆ Green park



Community garden, Germany

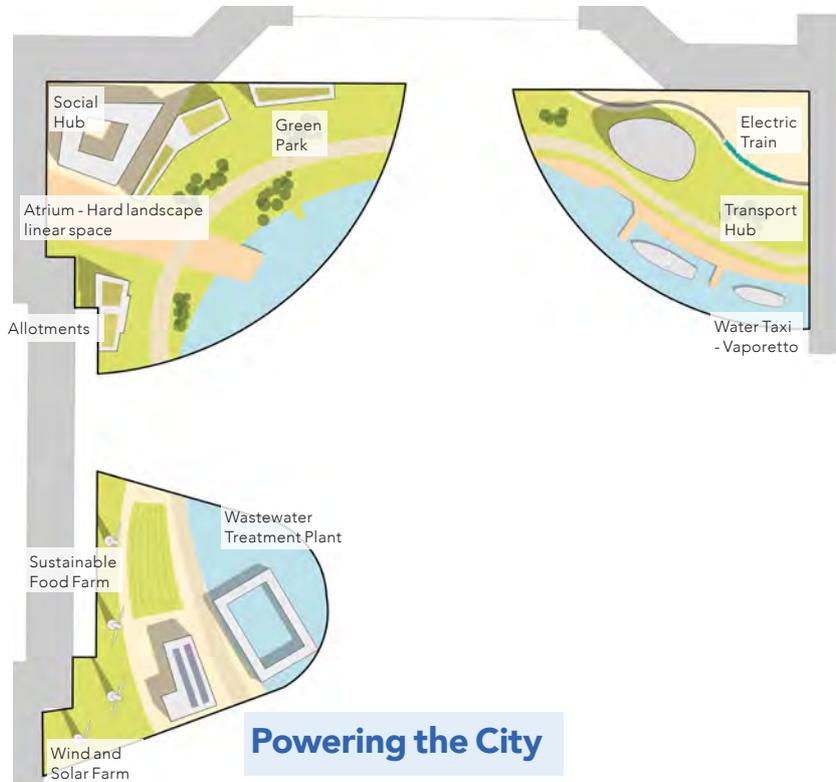


Leisure pools

Plan of the Energy Town

(GCP 1 Masterplan: The Energy Town is located within the second room of the exhibition space)

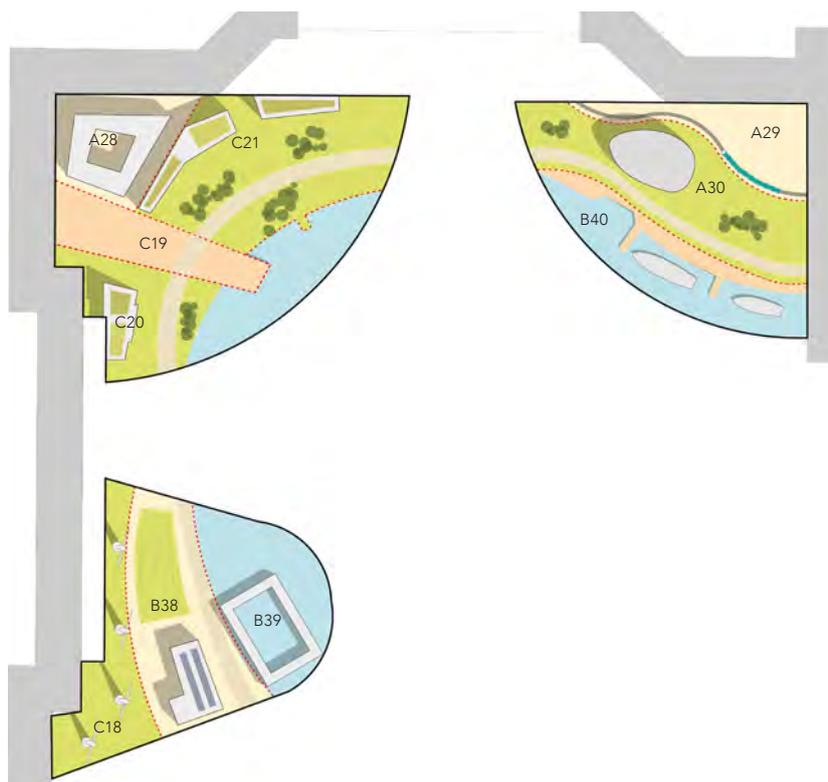
Improving the energy, health and social networks



Connecting the people of Gingerbread City

Powering the City

The three areas of the Energy Town



Key

- Open space
- Public realm / hardscape
- Key public realm / hardscape
- Indicative building footprint
- Plot boundary
- Trees
- Rail

The plot numbers in the Energy Town

5 Planning Policy and Urban Design

The Gingerbread Metropolitan Authority (GMA) are tasked with overseeing planning and development in Gingerbread City, always trying to strike an appropriate balance between conflicting demands for different uses in the limited space available. In order to manage development, the GMA have produced the following suite of planning policy documents:

- 1. Planning Policy:** explains how designs should be prepared and implemented
- 2. Plot Design Guidance:** sets out the key details of each plot in the city, including the use and the max/min height
- 3. GCP1: City Masterplan:** a vision and framework for the layout of the city
- 4. GCP2: Character Area Plan:** sets out the different character areas found in the city
- 5. GCP3: Parameter Plan:** sets out the different frontage typologies, landmarks and key thoroughfares in the city

Together these complementary documents set out the GMA's expectations of new development in the city and they should be carefully read before developing designs for new buildings.

Policy GP1 Character Areas: The GCP2 Character Area Plan reflects the different stages in the cities' development, from the historical core to the recent developments on the east bank. The GMA are champions of high quality and bold design in all parts of the City, but encourage developments to respect the character area they are in, with more traditional designs in the older areas and more cutting edge design in the modern areas.

Policy GP2 Uses: The Plot Guidance document sets out the general uses for each development plot, along with a short description. All plots should conform to these requirements, but developers are free to interpret how the uses function within these constraints.

Policy GP3 Height: The GMA has chosen to limit the building heights in different areas of the city to preserve the local character and protect important views across the City. All development should respect the minimum and maximum storey heights prescribed by the Plot Guidance document. Please note that some building plots have multiple heights for different parts of the plot. Although the typical gingerbread person only measures about 10mm tall, they take great pleasure in high ceilings and generous floor to ceiling heights, so one storey is typically 4cm.

Policy GP4 Building Footprint: Each development plot prescribes the footprint for the building/s that will sit within it. Whilst there is scope for minor variations of these footprints, developers are required to follow them as closely as possible so that buildings relate well to one another.

Plots sit at different heights in relation to each other related to the topography of Gingerbread City Each plot must sit at the correct level and relate to it's location on the plot as set out on the parameter plan.

Policy GP5 Key frontages: The GCP3 Parameter Plan sets out three types of frontages:

- ◆ **Type 1:** Key frontage, the most visible frontages in the city
- ◆ **Type 2:** Important frontages enclosing open space with the lower part of the elevation covered or hidden by a terrace
- ◆ **Type 3:** Frontages with the lower part of the elevation covered or hidden by a terrace

The Gingerbread City is built on hilly terrain and whilst most of the individual building plots are perfectly level, some sit directly adjacent to terraces. Type 2 and 3 frontages face higher-level terraces and should provide platforms, stairs, ramps and short bridges to allow gingerbread citizens to easily move between levels in the city. Hedges or other methods for screening the terraces are also encouraged.

Policy GP6 Streets: The GCP3 Parameter Plan sets out two categories of streets. Plots should be developed with these uses in mind:

- ◆ **Type A:** Streets used by pedestrians and cyclists, as well as public transport.
- ◆ **Type B:** Streets used only by pedestrians and cyclists.

Policy GP7 Landmarks: Building plots with an 'A' prefix (for example, A1), are landmark buildings. These are highly articulated and eye-catching buildings, representing key features in the cityscape.

Policy GP8 Roofscapes: Elaborate roofscapes have been a key element of gingerbread vernacular architecture since the very first gingerbread communities formed in the late 14th century. Architectural historians have never been able to establish the origins of this tradition since the roofscapes can rarely be seen by the typical gingerbread person, measuring around 10mm tall, but to the omniscient observer the result is a spectacular landscape of ornate roofs. In order to cater to the tastes of these god-like observers, all roofscapes in Gingerbread City should be varied and engaging.

Policy GP9: Open Space: Some open space plots in the Gingerbread City are split across multiple levels, with a terrace between them. The open space should be designed to address this change in levels, using steps, ramps or other methods to allow gingerbread people to easily move up and down. Methods to disguise the terraces are encouraged, such as screening with trees or planting.

Policy GP10 Transport: Developing sustainable, mixed mode transport is a key aim of the GMA. Proposals for public transport, cycling and pedestrian infrastructure will be supported. Developments should aim to discourage the use of private cars, using the space that would be used for car parking for cycle parking, open space and other positive communal uses. Build people parks, not car parks!

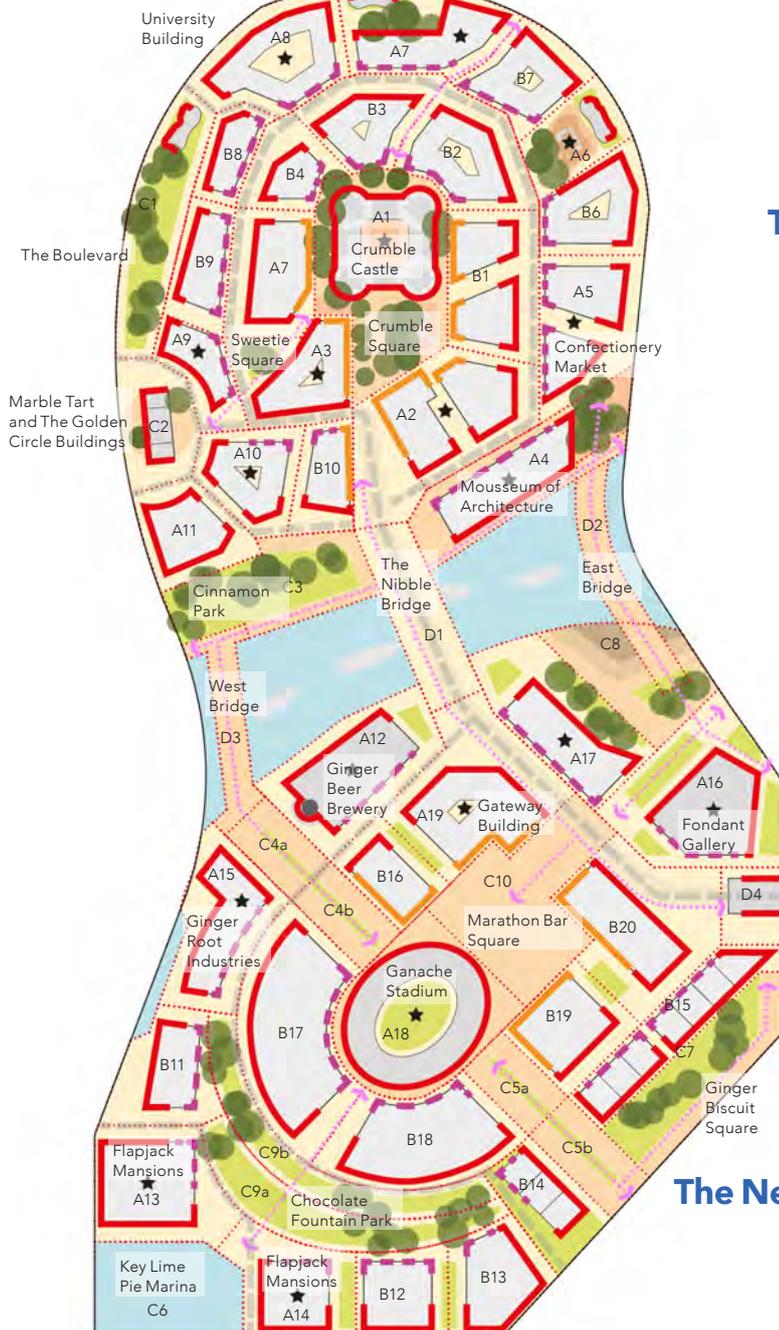
Policy GP11 Building Materials: The GMA requires all new developments to have the appearance of being entirely edible. Buildings should primarily be constructed from gingerbread and other edible treats, but non-edible internal supports and superstructures are acceptable.

The GMA previously pursued a hard-line approach using entirely edible construction techniques, but the humid conditions of the Gingerbread City region can cause accelerated degradation of edible building materials, resulting in many partial, and some complete, structural failures. Luckily nobody was hurt, but since then the GMA have recognised that a mixed-materials approach is appropriate, as long as the appearance is of an edible building.

6 Parameter Plans and Plot Design Guidance

The plot numbers and names in the Old town, Eco Town and New Town

The Old Town



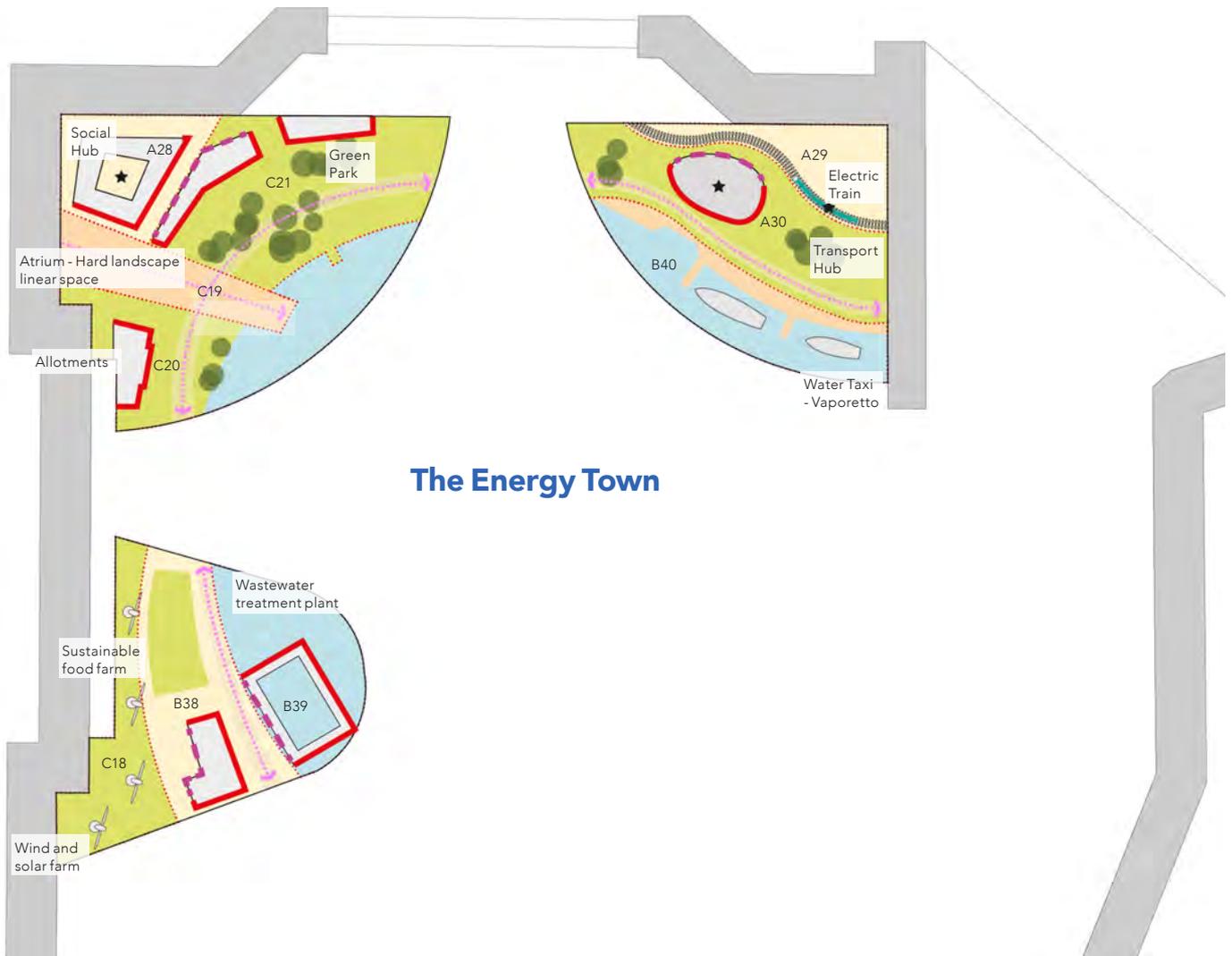
The Eco Town



The New Town

Scale 1:25 @ A4 0 0,5m 1m 2m

The plot numbers and names in the Energy Town



The Energy Town

Scale 1:25 @ A4 0 0,5m 1m 2m

Key

- Type 1: Key frontage, the most visible frontages in the city
- Type 2: Important frontages enclosing an open space with the lower part of the elevation covered or hidden by a terrace
- Type 3: Frontages with the lower part of the elevation covered or hidden by a terrace
- Type A: Streets used by pedestrians and cyclists, as well as public transport.
- Type B: Streets used only by pedestrians and cyclists.
- Rail
- Landmark building
- Open space
- Public realm / hardscape
- Key public realm / hardscape
- Indicative building footprint
- Plot boundary
- Trees

Plot Design Guidance

OLD TOWN

Character Area - Crumble Hill (Medieval core of the city)						
	Plot number	Description	Storey Heights		Notes	Key Frontages
			Min	Max		
	8 plots in total	Medieval core of the city High density, organic layout with winding streets. Fine urban grain, narrow streets Small organic blocks.				*See parameter plan
Standard Plots						
	B1, B2, B3, B4, B5,	Predominantly residential with some retail uses on ground floor.	6 storeys 25cm	9 storeys 35cm	Note change in level where buildings meet 'Crumble Square' opposite the castle, with a change in level of 18cm.	
Landmarks						
Crumble Castle and Crumble Square	A1	Medieval castle with walls with battlements.	8 storeys 30cm	9 storeys 35cm		
		Turret.	15 storeys 60cm	18 storeys 70cm		
Old registry building	A2	Plot composed of 2 similar in style buildings.	9 storeys 35	10 storeys 40	Plot A2 will enclose a route that steps down to the bridge with a change in level of 18cm.	
Sweetie square	A3	Medieval building enclosing a small triangular shaped cobbled square.	8 storeys 30cm	10 storeys 38cm		

Character Area - Cake a Diem district (Renaissance area of the city)						
	Plot number	Description	Storey Heights		Notes	Key Frontages
			Min	Max		
	16 plots + 1 bridge (see bridge section)	Renaissance area including historical buildings adapted for modern day uses. Includes the university campus and the old financial centre of the city. Symmetrical facades with classical building elements including pediments, columns, and arcades. Mid-high density.				*See parameter plan
Standard Plots						
	B6, B7, B8, B9, B10	Predominantly employment buildings with residential above ground floor	6 storeys 25cm	8 storeys 30cm	Plot B10 encloses a route that steps down to the Nibble Bridge with a change in level of 18cm Plot B8, B9 are important buildings fronting onto the boulevard and their facades should reflect this	
Landmarks						
Moussuem of Architecture	A4	Old building refurbished as a museum with a varied and interesting roof line, low in height.	6 storeys 25cm	6 storeys 25cm		
Confectionery Market	A5	Market composed of 2 buildings with a sweet market alley inbetween.	9 storeys 35cm	9 storeys 35cm		
Archaeological site	A6	Archaeological site where the biggest section of the old city wall is found - this should be the remains of the old city wall, not a building.	4 storeys 15cm	4 storeys 15cm	There must be a structure or landscape at the rear of the plot of 18/ 20cm high. This is to cover the difference in height from this plot and character area A.	
Loggia building	A7	Building with a loggia (covered gallery) either on an upper level or the ground floor. The building encloses a rectangular square.	7 storeys 28cm	8 storeys 30cm	The square contains a small fragment of the old city wall (wall not to exceed 15cm in height)	
University building	A8	Building with a taller element (tower with dome) fronting onto the boulevard.				
		Building.	6 storeys 25cm	8 storeys 30cm		
		Tower element (on top of building).	6 storeys 25cm	6 storeys 25cm		
Golden circle buildings	A9, A10 and A11	Financial centre of the city with renaissance type buildings enclosing Marble Tart Arch. Buildings have arcades on the ground floor.	9 storeys 35cm	9 storeys 35cm	Plot A9 also fronts on to the Boulevard and its façade should address this space as well as the arch.	
Open spaces and streets						
Boulevard	C1	Plot that accommodates a boulevard delineated by trees.	N/A		The boulevard contains a small fragment of the old city wall (wall not to exceed 15cm in height).	
Marble tart arch	C2	Arch sitting on a circular base (roundabout) with a street going around it.	11 storeys 45cm	11 storeys 45cm		
Cinnamon park	C3	This is the only green space in the historic part of the city with a beautiful green lawn and trees.	N/A		There is a street that passes along the north-eastern part of the park. This street continues under the bridge.	

NEW TOWN

Character Area - Churning district (Industrial docks, with marina)						
	Plot number	Description	Storey Heights		Notes	Key Frontages
			Min	Max		
	17 plots in total + 2 bridges (see bridge section)	Industrial district with old industrial buildings and mixed use blocks. Mid-density area. Lower density bulgings on the eastern area.				*See parameter plan
Standard Plots						
	B11, B12, B13	Predominantly commercial buildings with residential above ground floor.	5 storeys (20cm)	7 storeys (28cm)	These buildings front onto the water.	
Residential						
	B14 and B15	Residential waterfront terraces.	3 storeys (12cm)	4 storeys (16cm)		
Landmarks						
Ginger Beer Brewery	A12	Victorian style building with chimney. Building. Chimney (Height above roofline of main building).	5 storeys (20cm) 4 storeys (16cm)	7 storeys (28cm) 4 storeys (16cm)		
Flapjack Mansions	A13 and A14	High density marina blocks with ground floor having a bigger footprint than the upper floors.	8 storeys (32cm)	10 storeys (40cm)	The building fronts onto Key Lime Pie Marina.	
Ginger Root Industries Inc.	A15	Light industrial. Dock use related wharf building.	4 storeys (16cm)	6 storeys (24cm)	Fronts onto water / dockside.	
Fondant Gallery	A16	Landmark gallery exhibition and art space. Holding a key position by public open space, bridge landing and waterside.	4 storeys (16cm)	6 storeys (24cm)	Fronts onto water.	
Office Tower	A17	Office use tower block with publicly accessible top floor and roof space.	4 storeys (16cm)	6 storeys (24cm)	Public open space on roof.	
Open spaces and streets						
Linear routes	C4 and C5	Pedestrian routes that deal with the difference in level of the various platforms.	N/A		C4 is formed of two base plates - C4a and C4b which are stepped. C5 is formed of two base plates - C5a and C5b which are stepped. These linear routes can incorporate a number of ramps or several steps to address the change in level. The total difference in level from top to bottom is 20cm.	
Key Lime Pie Marina	C6	Marina including; berth / mooring and boats.	N/A			
Ginger Biscuit Square	C7	Formal public open space. Fronted by residential units, with pedestrian access along the waterfront.	N/A			
Marathon Bar Square	C8	Public open space overlooking and accessing riverside, incorporating landing area for bridge.			This space can incorporate ramps or steps down to riverside. Each section is stepped down by 5cm. Difference in height between top level and lowest level is 10cm.	

Character Area - Central Baking District						
	Plot number	Description	Storey Heights		Notes	Key Frontages
			Min	Max		
	10 plots in total	Medium density area. Predominantly commercial (office) buildings with residential above. It also includes sport and leisure facilities. Buildings in the form of urban blocks.				*See parameter plan
Standard Plots						
	B16, B17, B18, B19, B20	Retail and commercial use on ground floor with residential above.	3 storeys (12cm)	4 storeys (16cm)		
Landmarks						
Ganache Stadium	A18	Landmark stadium to host sporting and other major events.	4 storeys (16cm)	5 storeys (20cm)		
Gateway Bbuilding	A19	Mixed use building with retail on ground floor, residential and office above.	3 storeys (12cm)	4 storeys (16cm)	The chamfered frontage of the building is quite important as it sits right in the central axis of the Nibble Bridge.	
Open spaces						
Chocolate fountain park	C9	This curving linear space is split along its length with a step down.	N/A		C9 is formed of two base plates - C9a and C9b which are stepped. The step should be 5cm.	
Public Open Space	C10	Large public realm associated with the stadium. Could function as a public square and for sports use.	N/A			

ECO TOWN

Character Area - Treacle-Tech Hub						
	Plot number	Description	Number of storeys (4cm/storey)		Notes	Key Frontages
			Min	Max		
	15 plots	High density area of mixed uses. Buildings are highly sustainable and landscape is clean and green. Mix of passive sustainable design and visible hi-tech green features. Wind turbines, solar panels are in abundance. Open spaces are integrate pedestrian and cycling networks.				*See parameter plan
Standard Plots						
	B21, B22, B23, B24, B25, B26	Mixed use buildings: non-resi at GF/FF, upper floors are residential with private and communal balconies and terraces.	8 storeys 32cm	9 storeys 36cm	Frontage onto A24 plot (Community Hall) is key.	
Landmarks						
Ice Cream Infirmary	A20	Clean, hi-tech hospital. People focused. Green terraces and surrounding landscapes. Place of well-being.	10 storeys 40cm	14 storeys 56cm	Frontage onto C13 public square is key, as well as outlook over the water.	
Shortbread tower	A21	Mixed use buildings: non-resi at GF/FF, upper floors are residential with private and communal balconies and terraces.	15 storeys 60cm	20 storeys 80cm	Frontage onto C13 public square is key, as well as outlook over the water.	
Pièce montée tower	A22		15 storeys 60cm	20 storeys 80cm		
Bus, boat and bike Station	A23	This is the hub of sustainable transport. Bike park and pedestrian links meet buses and boats to connect with the OLD and NEW towns.	2 storeys 8cm	3 storeys 12 cm	Hi-tech and quirky multi-storey bike parks, electric buses and boats. A beacon for the ECO Town and gateway to the area. 360 frontage.	
Community Hall	A24	The core of the neighbourhood, prominent due to it's location and comparably lower in height.	2 storeys 8cm	2 storeys 8cm	The roof is key to this building as the neighborhood around it looks down to it. The social hub of the community for all generations to play, meet and congregate.	
Open spaces						
Linear park: CIVIC	C11	Formal, geometric, civic, a beacon to the OLD and NEW town of ECO Town's highly sustainable character.	N/A		Sculpture and art are used in this formal, civic park.	
Street: Main	C12	A street for all users that connects the Square and the CIVIC linear park.	N/A		Don't forget the details - street lights, seats, traffic lights and infrastructure, space for bikes and pedestrians, bins, signs - this is what makes streets work!	
Eco Town Square	C13	A sustainable square for all civic uses: market, meeting, celebrating.	N/A		C13 is formed of two base plates - C13a and C13b which are stepped. The space can incorporate ramp or steps to address change in level. Main access for hospital and towers. Town square. Formal.	
Linear Park: PRODUCTIVE	C14	Water treatment and food production.	N/A		Frontage to waterfront and connection with Community Hall is key.	

Character Area - Home-craft Honeycomb						
	Plot number	Description	Storey Heights		Notes	Key Frontages
			Min	Max		
	18 plots	Mid-low density area. Predominantly residential buildings that are eclectic and creative. This area is a community that is self-supporting. Buildings are zero carbon, and the community even has an excess of energy, food and home-made produce that it sells to the OLD and NEW towns.	2 storeys 8cm	4 storeys 16cm		*See parameter plan
Standard Plots						
	B27, B28, B29, B30, B31, B32, B33, B34, B35, B36, B37	Eclectic, creative, bespoke residential buildings. Mix of terraces, semi-detached and detached homes. Custom build. Co-housing. Houses within each plot are self-sustaining with garden kitchens, photovoltaics and wind power harnessing.	2 storeys 8cm	4 storeys 16cm	Fronts and backs are important. The primary frontage is to the associated street, but it's connection to it's neighboring plot is critical - it must be thoughtful and considered in this community-focused area.	
Landmarks						
Pastille school (primary and secondary)	A25	School of the future... Hi-tech meets home-craft. Class rooms all designed around central core.	3 storeys 12 cm	5 storeys 20 cm	Frontage onto street, but access to 'Linear park: PLAY' must be considered too.	
Gummy waste and Recycling Plant	A26	Forget the stereo-typical waste plant. This building is the beacon of future communities and a symbol of wellbeing and holistic living. Citizens are proud of efficient, clean, intelligent and beautiful recycling and waste management. Recycled materials are sold back to the community here too.	4 storeys 16cm	5 storeys 20 cm	Waste in one side, recycled material out the other; two key frontages. Transparency and pride in what is happening inside. Building must address the street in front. Also looks onto the Wind Farm Park.	
Coulis Rail Station	A27	A clean, green transport hub that links ECO Town to the countryside beyond...	1 storeys 4 cm	2 storeys 8cm	Main frontage onto street, with trains coming in at out at the rear. Must be sensitive to the residential buildings around it.	
Open spaces						
Sugar Spin Wind Farm	C15	ECO Town's hardscape heart is the centre of wind-energy	5 storeys	10 storeys	Height is equivalent to storeys shown. An array of beautiful	

BRIDGES

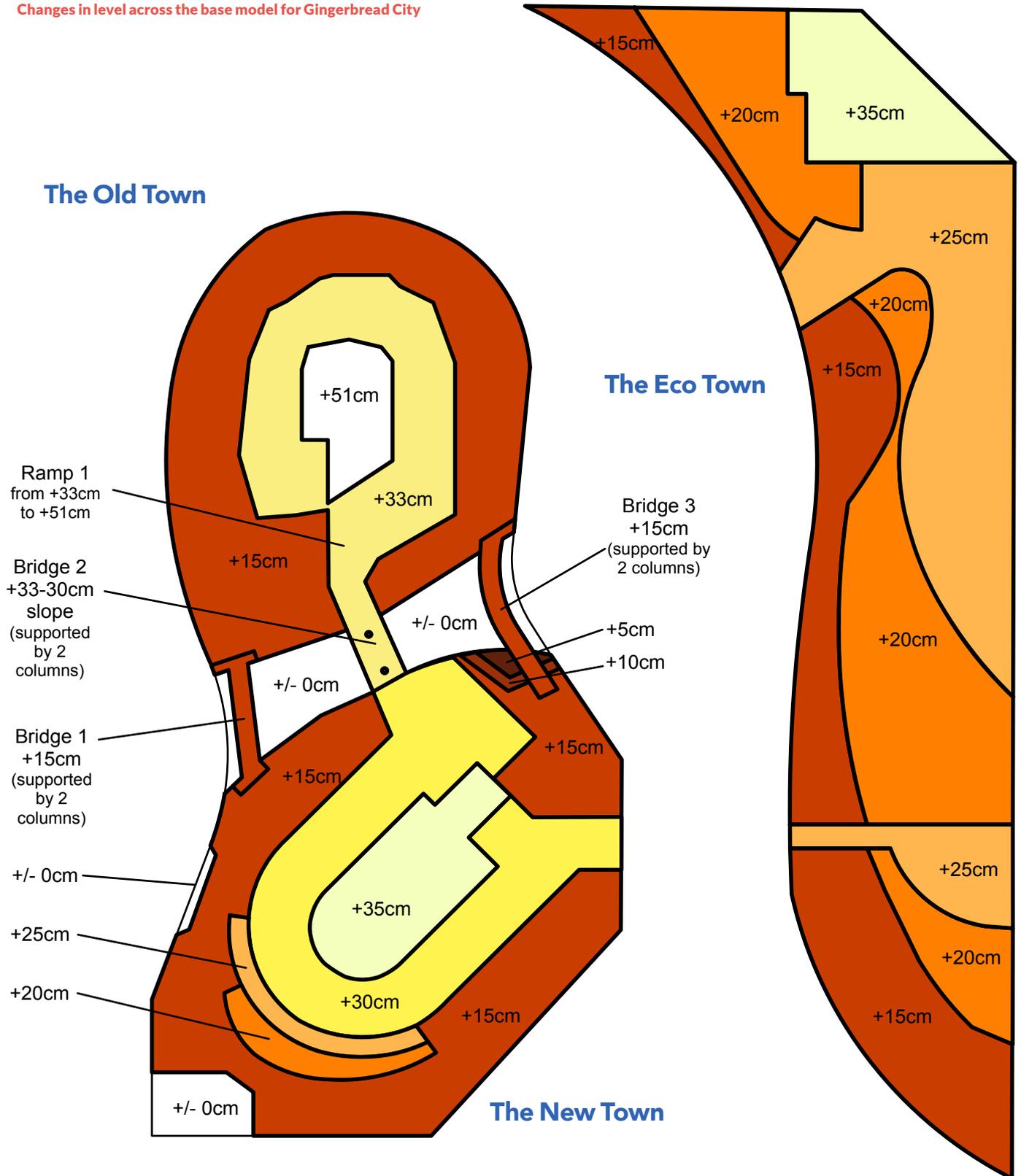
The nibble bridge (OLD Town)	D1	Old looking bridge	3 storeys 12 cm	8 storeys 32cm	Bridges are to sit flat. The base table for the bridges will be fully supported so gingerbread bridges can simple sit on them.	
East Bridge (NEW Town)	D2	Pedestrian and bike bridge landing on each side in public realm. Sculptural, creative, dynamic, contemporary.	2 storeys 8cm	4 storeys 16cm	Bridges are to sit flat. The base table for the bridges will be fully supported so gingerbread bridges can simple sit on them.	
West Bridge (NEW Town)	D3	Pedestrian and bike bridge landing on each side in public realm. Functional, industrial, contemporary.	2 storeys 8cm	4 storeys 16cm	Bridges are to sit flat. The base table for the bridges will be fully supported so gingerbread bridges can simple sit on them.	
Rising bridge - Landing Area (NEW Town)	D4a	This plot contains the landing zone for one side of a bridge. It must clearly be designed and built as being the landing point for NEW Town.	10 storeys (40cm)		The whole span of the bridge is not to be built. Taller elements of a bridge that might be raised and lowered could be accommodated within the storey height allowance.	
Rising bridge - Landing Area (ECO Town)	D4b	This plot contains the landing zone for one side of a bridge. It must clearly be designed and built as being the landing point for ECO Town.	10 storeys (40cm)		The whole span of the bridge is not to be built. Taller elements of a bridge that might be raised and lowered could be accommodated within the storey height allowance.	

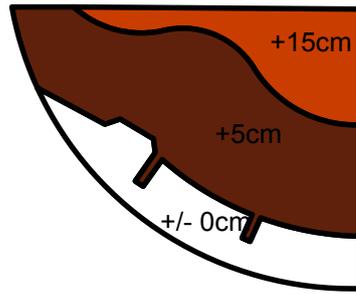
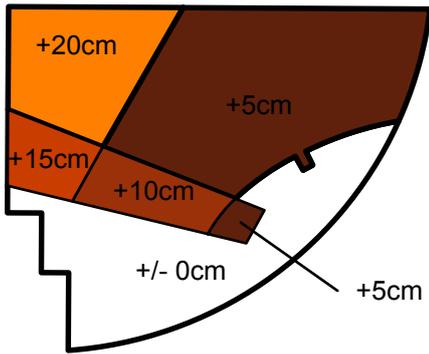
THE ENERGY TOWN

The Energy Town						
	Plot number	Description	Storey Heights		Notes	
			Min	Max		
Powering the City - Providing power for Gingerbread City and the people who live there						
This area produces all the energy to power the city and all the food to power and feed the entire gingerbread population.						
Wind and Solar Farm Wind and solar farm.	C18	Green field / landscape with wind turbines and solar panels.	30cm	60cm	Wind turbines and solar panels should be built using gingerbread or other edible (looking) materials.	
Sustainable Food Farm Food is produced here using sustainable agriculture methods that do not cause long term damage to soil.	B38	Small scale farming building or barn, together with fields for producing crops to eat, and grazing land for animals.	15cm	25cm	The building within this plot can be either a barn for animals or a green house for food production. The plot should include some animals and planted fields.	
Wastewater Treatment Plant This water treatment plant is powered by solar and geothermal power and does not use chemicals to treat waste. It mimics the process of the natural world using microorganisms to break down waste material.	B39	It contains ponds (within the river) where water is filtered. E.g. aeriated lagoon, outdoor sand filter pool etc.	15cm	20cm	The plot can also contain other small structures for energy generation (solar panels, small buildings etc.).	
Improving the energy, health and social networks						
This area illustrates important elements of the city that help ensure the happiness, health, energy levels and wellbeing of the Gingerbread City population. These include open green spaces and community facilities, seeking to foster strong social networks.						
Social Hub A building with a wide range of community uses; it houses the library and rooms for other community activities including: poetry, cookery, dancing and toddler group sessions.	A28	The architecture of this building is unique and should reflect the strong social values of its uses.	30cm	60cm	The architect of this building has complete freedom.	
Atrium - Hard landscape linear space This is the outdoor atrium of the social hub - a space that Gingerbread citizens can use for outdoor events such as concerts, outdoor cinema etc. The space is also used as a route to the waterfront and parks.	C19	Atrium space stepping down to the water's edge.	N/A	N/A	This space is to be built as stepped-down platforms.	
Allotments These are the allotment areas where Gingerbread citizens with 'green fingers' can gather to share their horticultural knowledge.	C20	Planted field with shed and water's edge.	20cm	25cm	Building / shed is included in this plot to provide enclosure to the allotments and as such should provide a frontage.	
Green Park This park is the 'lung of the city' and is where Gingerbread City citizens love to come to relax and be in contact with nature.	C21	Green park with a cycle pedestrian route. The park is fronted by residential development.	20cm	25cm	The park should be heavily landscaped with areas for sitting and playing etc. Buildings are included in this plot to provide enclosure to the park and a frontage overlooking the space.	
Connecting the people of Gingerbread City						
This area contains an integrated transport hub and is where a range of sustainable transport modes coincide.						
Electric Train	A29	This plot includes surrounding landscaping, the railway line and a train.		20cm 25cm	Ideally the train should be made of several wagons.	
Transport Hub	A30	This plots contains the transport hub (building) and should include integrated landscaping within the plot.	30cm	35cm	The plot includes a cycle pedestrian route as indicated within the masterplan.	
Water Taxi - Vaporetto	B40	Water taxi, powered by solar panels.	15cm	25cm	The design of this plot should include the water, water taxi and a number of piers / platforms so the Gingerbread residents can board the water taxis safely.	

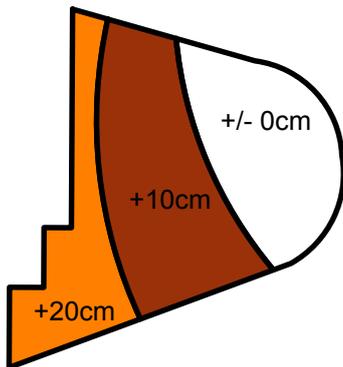
Base Model Levels

Changes in level across the base model for Gingerbread City

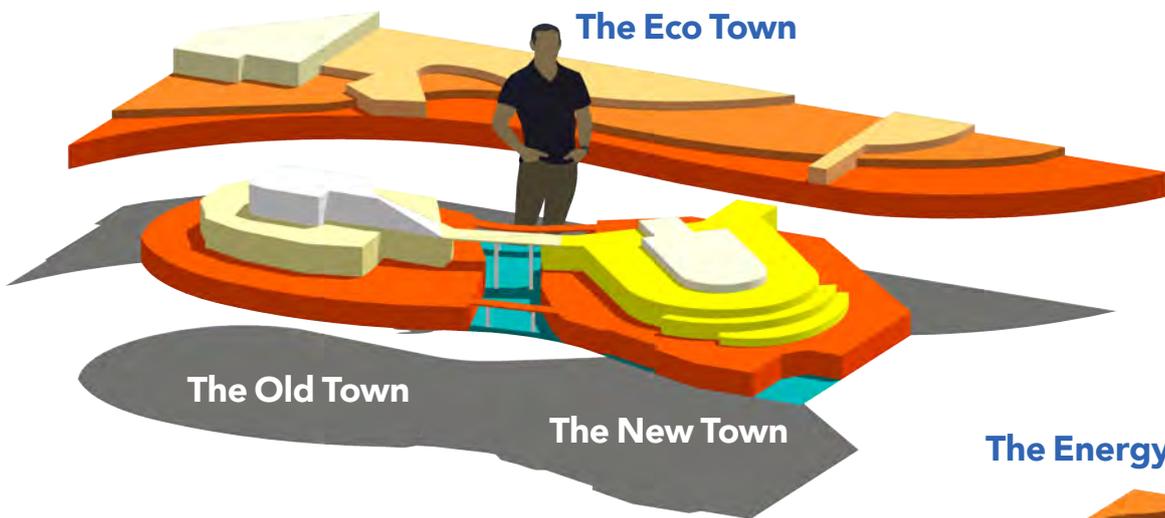




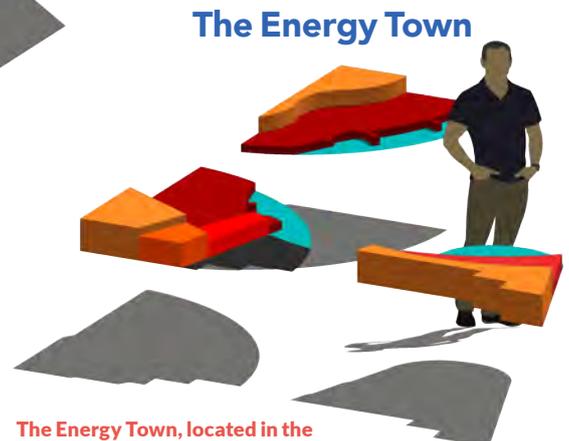
The Energy Town



Perspective views showing changes in level across the base model for Gingerbread City



Gingerbread City's Old Town, New Town and Eco Town located in the second room of the exhibition space



The Energy Town, located in the first room of the exhibition space

7 Hints and Tips for Construction

Design quality

The Gingerbread City Council (GCC) are very interested in promoting the design quality and sustainability of new buildings, ensuring they live a long life. Luckily the gingerbread people are master bakers but remember the materials used need to last in the exhibition for 17 days and be baked to the highest quality. Melted sweets can make good windows – just crush them up and bake them with the gingerbread to seal them in, add them towards the end of the bake and check regularly to ensure they don't burn.

Looking Tasty

Remember: the GCC requires all new developments to have the appearance of being entirely edible. The buildings should be primarily constructed from gingerbread, with edible detailing made from sweets, candy and icing encouraged. Buildings may use non-edible internal supports, but entirely edible construction techniques are highly encouraged!

Built to last

Structural strength will be important so practicing with pre-made gingerbread kits could be a good way of experimenting and building your construction skills!

We encourage you to research and test your own recipes for creating your gingerbread pieces. As a guide the recipe opposite should create a mix that is structurally strong.

The recipe for the walls should create hard biscuits. It should not be soft or cake-like. Avoid using baking soda in the recipe as this can make the biscuits softer, lighter and more likely to absorb moisture.

Three-dimensional shapes could perhaps be created by shaping biscuit mix around a mould before baking.

Unique

To develop the unique character of the City, all designs should be specific to the Gingerbread City and not plagiarised from elsewhere. There will be awards for the most original, creative and interesting designs. We look forward to seeing some truly experimental designs!

Modern methods of construction

Ready mixed gingerbread dough is available to buy online in the lead up to December.

Building Bases

We will be providing the bases for you this year. You will need to pick it up from Tibbalds offices. We will let you know when they are ready to be picked up. The bases will include a hole where the lighting will be put through. Do not cover the hole in your base.

Lighting

EcoLed will be providing the lighting for your building and Light Bureau will be creating the lighting design. Think creatively how you can make use of the internal lighting that will be fitted inside your building. Please make sure your building is designed so it can be lit from the inside and please don't cover the hole in your base.

8 Long-lasting Gingerbread Recipe

This recipe is designed to be tough enough to last up to a year! even in high humidity.

Long-Lasting Gingerbread Recipe

Cooking time

15 - 25 min

Serves

Makes 1 gingerbread house

Tools

- ◆ Large steel mixing bowl,
- ◆ Large mixing bowl,
- ◆ Small bowl,
- ◆ Spatula,
- ◆ Whisk,
- ◆ Measuring cup,
- ◆ Spoons

Ingredients

- ◆ 6 cups plain flour,
- ◆ 6 cups coarse rye flour,
- ◆ 2 teaspoons ground ginger,
- ◆ 2 teaspoons ground cinnamon,
- ◆ 2 teaspoons ground cloves,
- ◆ 1/2 teaspoon ground nutmeg,
- ◆ 1 teaspoon salt,
- ◆ 2/3 cup lemon juice,
- ◆ 2 beaten eggs,
- ◆ 2 beaten yolks,
- ◆ 1/2 cup margarine,
- ◆ 1 1/3 cup honey,
- ◆ 3 1/3 cups sugar.

Method

1. Measure out both the all-purpose flour and rye flour, sift together into the 9 quart bowl. Remove one cup and pour it into a small bowl for later. Using a small bowl, combine the cinnamon, cloves, nutmeg, salt then pour this mixture into the large bowl of flour and blend. Combine the lemon juice, beaten eggs, beaten yolks into another small bowl and set it aside.
2. Using the largest bowl (13 quart), combine the margarine, honey and sugar. Place it over medium heat and stir it with a large spoon until it is soft enough to blend together. The sugar does not need to dissolve. Once the mixture is soft, remove it from the heat.
REMEMBER: Never leave anything unattended on the stove.
3. Pour the lemon juice and egg mixture into this bowl of sugar and honey while it is still warm. Using a wire whisk, whip the ingredients together until it is well blended.
4. Begin to add the flour into the mixture. Once it begins to thicken, use your hands to knead it all together. Continue to knead this dough into a smooth ball and cover with plastic wrap.
5. Use small amounts of flour to dust onto the rolling surface and the rolling pin. Take a portion of the completed dough (what you would need for a piece of the house) and knead this dough until it is soft. Roll it out on the surface until it is the desired thickness. When it is baked, this dough will rise a little. You will need to experiment with the thickness you will use.
6. Take the flatten (rolled) dough and spread it on a lightly greased sheet pan. Now cut out your desired shape.
7. Bake the shapes at **180 degrees centigrade or gas mark 4**. If the dough is 1/4" thick bake it for 15 minutes. For dough 3/8" thick, bake longer, about 20-25 minutes. Bake long enough to get very firm. Another recommendation is to lightly brush water over gingerbread prior to baking for a smooth effect on finished product.

Note: If this dough cools too much, it will be hard to roll. Take cold dough (just the amount you need) and wrap it in plastic wrap. Microwave it for 15-30 seconds. This gingerbread dough is NOT conventional.

Warning: Because this dough contains honey, do not refrigerate it. It is very thick and must be warm to knead and roll it out.

Recipe taken from:

<http://www.jaxhistory.org/wp-content/uploads/2015/09/gingerbread-long-lasting-house-recipe-and-icing.pdf>

Strong Icing Recipe

This icing should last for several months. It can be used for walls, roofs and attaching other decorations.

Strong Icing Recipe

Tools

- ◆ Mixing bowl,
- ◆ Glasses / bottles
- ◆ Whisk,
- ◆ Sieve
- ◆ Measuring cup,
- ◆ Spoons
- ◆ Decorating bag

Ingredients for the icing:

- ◆ 2 Tbsp meringue powder (or powered egg white),
- ◆ 1/3 cup water,
- ◆ 1lb. icing sugar,
- ◆ ¼ teaspoon cream of tartar

Method:

1. Combine the water with the meringue and beat until foamy.
2. Add the icing sugar and cream of tartar
3. Beat mixture until stiff and white (about 5 minutes)
4. Prop up the walls with glasses or bottles
5. Carefully apply the icing glue to the joints

Do not put on the roof until walls have dried overnight.

You may find decorating the walls easier before putting the walls together.

Use a decorating bag to apply the icing.

This icing, when dry, will be as hard as a rock.

If you don't want to purchase meringue powder, carefully separate 2 egg whites and beat them constantly for 3 to 4 minutes until they become foamy with peaks. Any grease in the bowl will ruin the process, so wash it carefully.

Recipe taken from:

<http://www.jaxhistory.org/wp-content/uploads/2015/09/gingerbread-long-lasting-house-recipe-and-icing.pdf>

Note: Meringue powder is available here:

<http://www.hobbycraft.co.uk/wilton-meringue-powder-113g/583147-1000>

Powdered egg white is available here:

http://www.hobbycraft.co.uk/dr-oetker-free-range-egg-white-powder-sachets-4-pack/600161-1000?glCountry=G&B&gclid=EAlaIqobChMI7JyilJ-01wIVyRXTCh3hewhuEAQYBSABEgltVvD_BwE&gclid=aw.ds

Pipeable Gingerbread

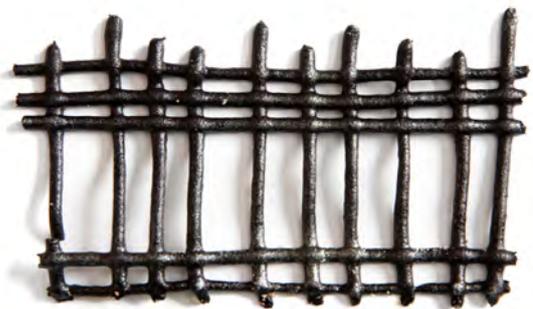
Gingerbread dough can be watered down to create a pipeable paste that can be used to create decorations.

Add your gingerbread dough to a mixing bowl and mix on a low speed. Begin adding water, 1 teaspoon at a time, until it forms a stiff but pipeable paste. Thoroughly scrape bowl and beater with a flexible spatula to eliminate lumps, then continue mixing until perfectly smooth. Transfer to a piping bag fitted with a small round tip. Pipe designs, such as fences and railings, onto oven proof paper, on a baking sheet and bake until pale gold, about **12 minutes**. Cool completely before handling.

Thinned down dough can be piped over raw dough with a small decorative tip to create cladding effects, floorboards or other details on your buildings.



The pipeable dough can also be piped into free-form shapes, like the wooden railings. If you make a mistake or don't like your design, just scrape up the paste and try again.



Because construction gingerbread doesn't puff in the oven, the paste maintains its shape, baking into pieces that are lightweight but surprisingly strong.

You can even dye the gingerbread paste if you want to pipe out an old fashioned wrought iron fence. No real template is required - just have fun!

Don't try to bake and assemble a gingerbread house on the same day. It requires a fair amount of time and effort to roll, cut, bake, trim, and cool the dough.

Images and tips taken from:

- ◆ <http://www.seriousseats.com/2016/10/how-to-make-construction-gingerbread.html>
- ◆ <http://www.seriousseats.com/recipes/2016/10/construction-gingerbread-recipe.html>

9 Gingerbread House Making Workshops

Make your own traditional Gingerbread House!

The Museum of Architecture is running Family Gingerbread House workshops. Families will work together to construct and decorate beautiful gingerbread houses for the holiday season.

Tickets for exhibition entry and workshops taking place in South Kensington can be found at www.th GingerbreadCity.com.

Sign up for our fun family workshops taking place from the **9-22 December**.

Morning: 10:30am - 12:00pm

Mid day: 1:00pm - 2:30pm

Afternoon: 3:30pm - 5:00pm

Cost: £30 per house (incl VAT)

All children must be accompanied by an adult for the duration of the workshop. Maximum two children per adult as adults will be needed to help hold the gingerbread in place while the icing sets.

The Workshops include:

Ready made gingerbread, cookies, icing and sweets to make and decorate one house per child for you to take home.



10 The Event Sponsors

Headline Sponsor

Tibbalds Planning and Urban Design



Tibbalds Planning and Urban Design is an independent, award-winning consultancy established in 2003.

Its team of planners, urban designers, architects and engagement specialists focus on the cross over between planning and urban design with the philosophy of making people-friendly places for the benefit of those who use them.

Tibbalds is a majority employee owned company and launched its Employee Ownership Trust in 2013.

tibbalds.co.uk

Supporters

Finsa

FINSA was a pioneer in the manufacture of particleboard and MDF on the Iberian Peninsula. It began its industrial activity in 1931, at a sawmill in Portanxil (Ames). Ever since our inception, we have always been aware of the responsibility we take on by using wood as the base element to manufacture and develop our solutions. We learn from it and we incorporate many of its virtues into our organisation: its versatility and strength as well as its emotional closeness to people, and the comfort and warmth it brings to society. Our wide product range follows the same philosophy, and is currently present in the daily lives of human beings, forming part of the most cherished environments.

finsa.com

4M Group

Founded in 2004, 4M Group is an award-winning London based design/build architectural practice, comprised of accomplished architects, designers, builders and planners. As a design/build company, we take a holistic approach to all of our projects. From conception to completion, we ensure that all aspects of our client's needs are met by our team, working in unison to guarantee the synergetic success between space and material.

4mgroup.co.uk

Ecoled

Ecoled was conceived to design a range of architectural grade LED products which are original but offer great value. Our creative designs have evolved from the expertise and knowledge of our parent company in metals where we have invested significant research and development resources. Whether it's for a private house, a residential development, hospitality, commercial or even marine project, our sophisticated lighting solutions are distinctive, discreet and engineered to last. We maintain that design is in the detail. We ensure our designs deliver something different and something flexible, which offer you greater independence in your own creative output.

ecoledlight.co.uk

Friends

Light Bureau

Light Bureau is an award-winning Lighting Design & Consulting studio. Established in 1999, we specialise in Strategic Light Consulting, Project Design & Delivery and Product Development.

Our value lies in our ability to produce User-Centric Designs whilst meeting the manifold needs of all stakeholders. At the core of our design approach is what we call Resourceful Creativity. This, in conjunction with execution excellence, is how we produce Light as Craft™.

lightbureau.com

Uncorked

Uncorked is one of the UK's leading small, independent wine merchants. Working here involves spending a lot of time saying no to hopeful suppliers whose wine just doesn't make it in the quality stakes. The wines we buy from individual producers to sell to individual customers are here because we enjoy them, because they are very well crafted, and because the wine grower works in a way which we consider honest and transparent. Our size means that the whole team is involved in many of the decision-making tastings. It means we can be quick on our feet. It also means that our staff are better informed and that we can offer a more personal service.

uncorked.co.uk

Brompton Design District

bromptondesigndistrict.com

Gilles and Cecilie Studio

gillesandcecilie.com

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