All Party Group on Climate Change

Wednesday 22nd June 2022

Derry City & Strabane District Council
Cathy Burns- Climate Programme Manager
Allan Bogle- Sustainable Food Coordinator

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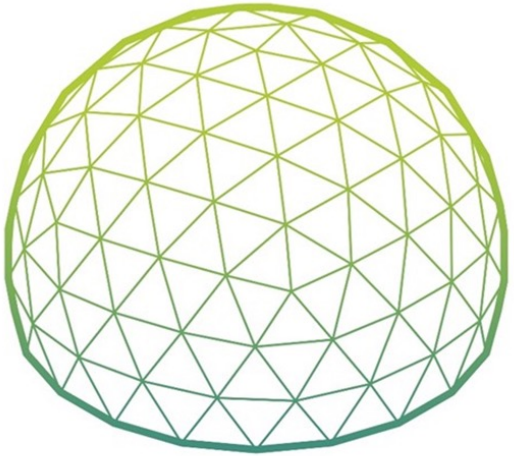

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“To create a sustainable urban food system which reduces greenhouse gas emissions and is resilient to the effects of climate change”.

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Target Audiences

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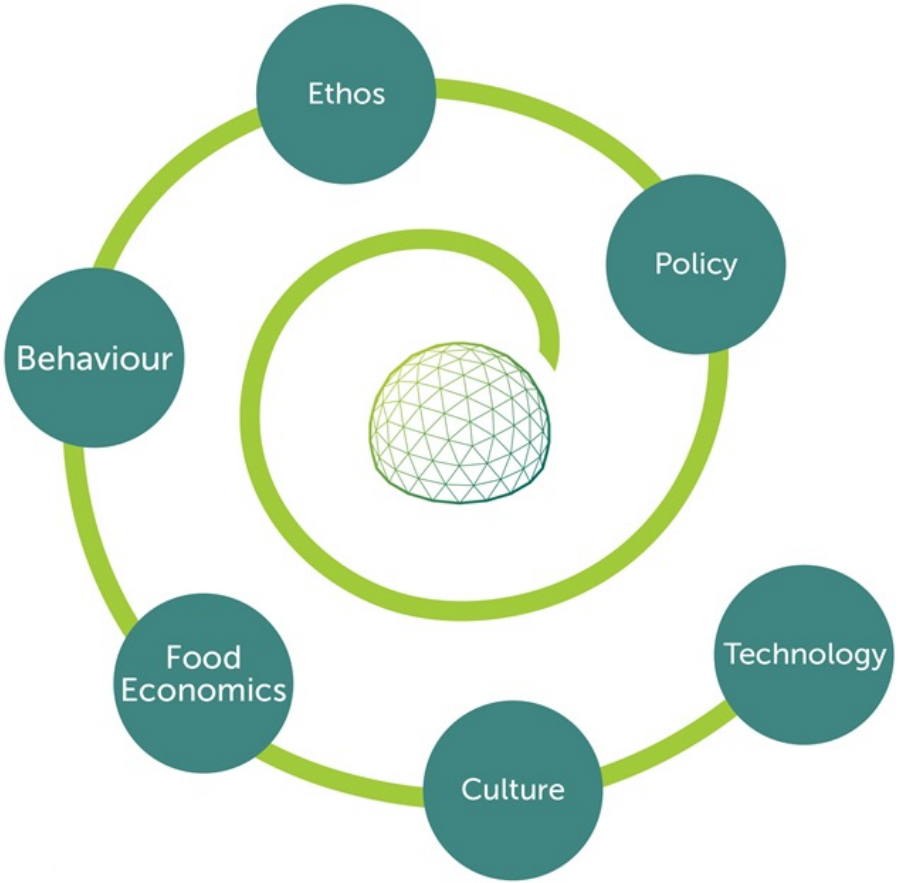
Ethos
Policy
Behaviour
Food
Economics
Technology
Culture

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timeline

Mar 2021

2021

March 2018

Elected Members Environment & Regeneration Committee

Full Planning Permission

Strategic Growth Partnership

I Can Grow Project
GFGC
Sustainable Food Places

UK Levelling-Up

CAF- Lottery Award

Dec 2021

May 2016

May 2022

Awareness & Behavioural Change

- Communication & Engagement Campaigns & e.g. digital campaigns, newsletters, events

Lifelong Learning

- 'I Can Grow' Programme – 260 Acorn Farmers
- Permaculture Design Course

Climate Change & Food Governance

- Best Practice Research
- Derry Food Council
- Food Policy

Research

- Food Profile & Vulnerability Model

Growing Technologies

- Permaculture design ethos & innovative design

Dissemination of Knowledge

- Knowledge exchange
- Communication & engagement activities

Long Term Vision

- Acorn Farm – urban permaculture food production site

acorn farm *I can grow!*

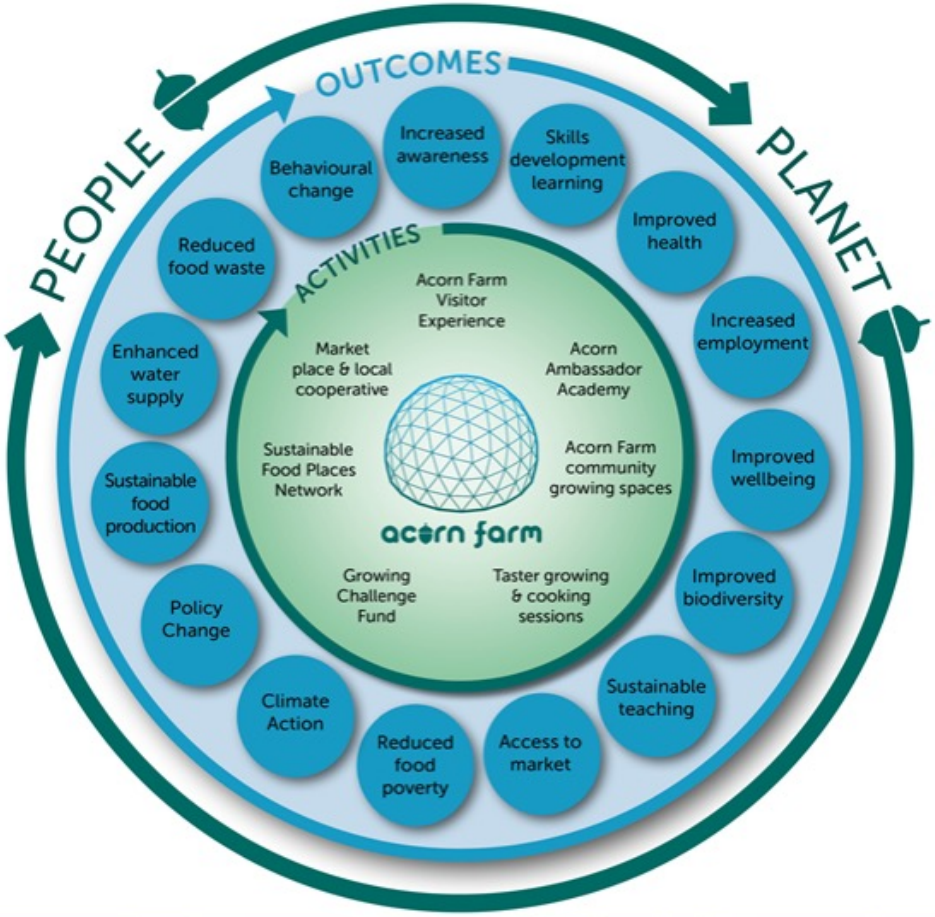
The Community Foundation

THE NATIONAL LOTTERY

Derry City & Strabane District Council
Comhairle Chathair Dhoire & Cheantar an tSratha Báin
Derry Cittie & Stràbane Destrick Council

TCV The Conservation Volunteers

UCC University College Cork, Ireland
Coláiste na hOllscoile Corcaigh


PEOPLE
OUTCOMES
PLANET
ACTIVITIES
Behavioural change
Increased awareness
Skills development learning
Improved health
Increased employment
Improved wellbeing
Improved biodiversity
Sustainable teaching
Access to market
Reduced food poverty
Climate Action
Policy Change
Sustainable food production
Enhanced water supply
Reduced food waste
Acorn Farm Visitor Experience
Acorn Ambassador Academy
Acorn Farm community growing spaces
Taster growing & cooking sessions
Growing Challenge Fund
Sustainable Food Places Network
Market place & local cooperative
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SUSTAINABLE FOOD places

acorn food network

Derry City & Strabane SUSTAINABLE FOOD places Network Member

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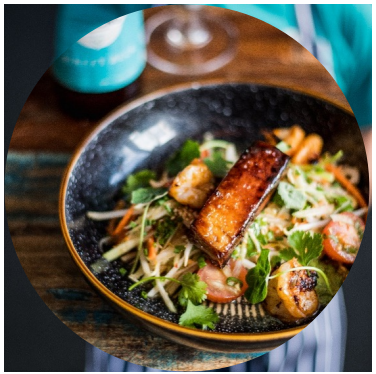
To develop a sustainable local food system that is good for **PEOPLE**, good for the **ECONOMY** and good for the **PLANET**.
Built around **FRESH**, **LOCAL**, **SEASONAL** food.



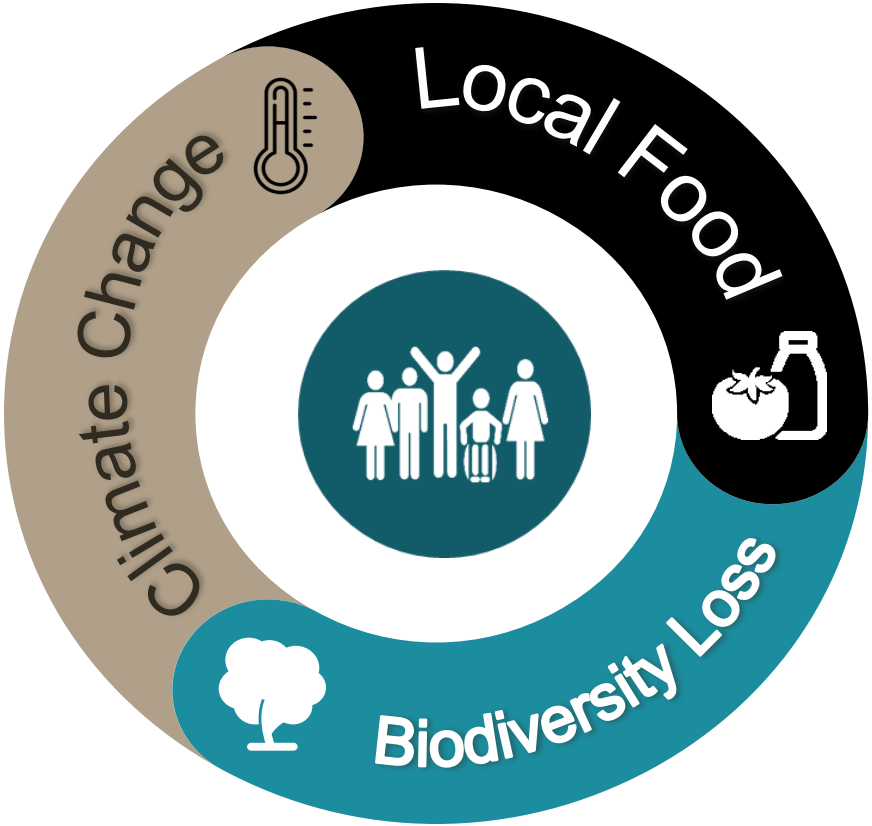
Growing Food, Growing Community

Holywood / Derry & Strabane

Civic Innovation Programme, 2021

Vision

Democratically engaged communities building thriving local food movements that cultivate community resilience and reduce the impacts of climate change and biodiversity loss



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acorn food network

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CUCUMBERS

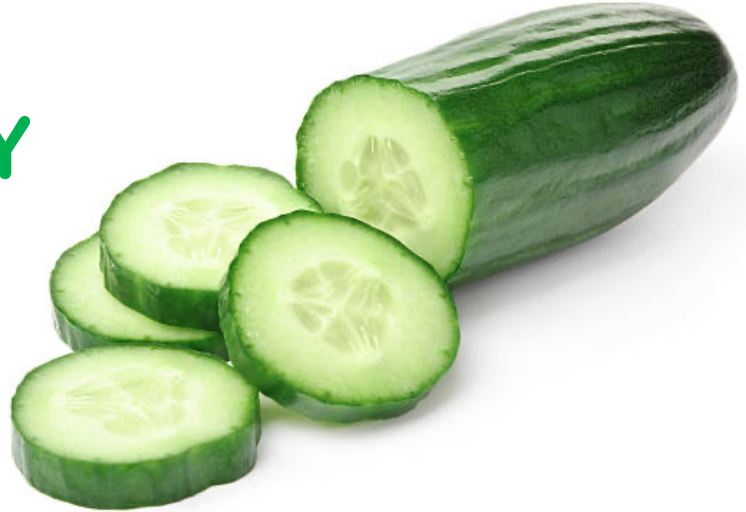
GREEN

HEALTHY

JUICY

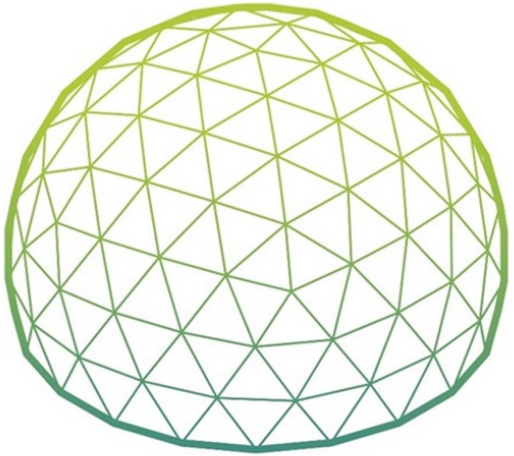
TASTY

FRUIT



acorn farm

acorn farm



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Inputs

£5,600,430 invested in Acorn Farm through Levelling Up Fund / £622,270 DCSDC Funding

Focus on green recovery

Balanced regional development

Outputs

High quality innovative urban food growing hub

Learning and Skills Development Centre (Green Skills Academy)

Sustainable Food events venue

High quality sustainable visitor infrastructure / proposition / eco-experience

Support infrastructure (The Gatelodge) for Acorn Farm teams & wider park orientation

Outcomes

Improvements in mental well being

Improvements in physical well-being, diet & nutrition

Improved life satisfaction

Reduced disease burden leading to reduced pressure on the health service

Mitigate impacts of climate change and increase food resilience

Reduced greenhouse gas emissions through low carbon technologies and local food production

Increased natural capital

High quality neutral space for learning and skills development based on food growing

New space for events and festivals

Increased visitor and tourism numbers to city and district creating opportunities for investment, job creation, and infrastructure spend

Increase in property values

Increased skills development and employment opportunities in green recovery

Contribute to green economic recovery

Impacts

Change in food system ethos to permaculture principles

Change in behavior – diet, food growing, food waste, physical activity

Change in culture & support Derry as a food destination

Change in technology

Green Recovery / Economic regeneration

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Derry City & Strabane District Council
Comhairle Chathair Dhoire & Cheantar an tSratha Báin
Derry Cittie & Stràbane Destrick Cooncil
Title: Acorn Farm Location
Date:
Author:
Scale: 1:14,261
Document Name: Acorn Farm Location
Pennyburn
St Mary's College
Fort George
Magee
NW Regional College
Brooke Park
St Joseph's Boys School
St Columb's Pk/Arena
Foyle College
Crescent Link
Ebrington
Rathmor Shopping Centre
St Cecilia's College
City Centre
City Cemetery
Brandywell Stadium
Lumen
Railway Station
Lisnagelvin
Altnagelvin Hospital
Legend
Acorn Farm
Main Roads
Cycling and Walking Network
Cyclists Dismount
Greenway
On-road marked lane
Park Cycle Path
Quiet Road
Roadside Traffic-free
Key Trip Generators
Education
Employment
Health
Leisure
Retail
Transport
OSNIFusionBasemapFootprint
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St Columb's Park

St Columb's Park is a 70 acre green space located in the City Centre on the east bank of the River Foyle. The park is an important green space for the city region which provides many benefits to people, biodiversity, supports the local economy and assists with responding to climate change.

At the heart of the park is the historic St Columb's Park House which dates back to the 1770's and is now a centre for Peace and Reconciliation.

For the past few years, Derry City and Strabane District Council, St Columb's Park House and The Acorn Fund have co-designed and co-developed this innovative masterplan which aims to develop St Columb's Park as a Green Infrastructure asset underpinned by eco-innovation, education, skills, peace building and green tourism.

St Columbs Park within Derry City Centre

St Columbs Park

St Columbs Park House

St Columba Statue

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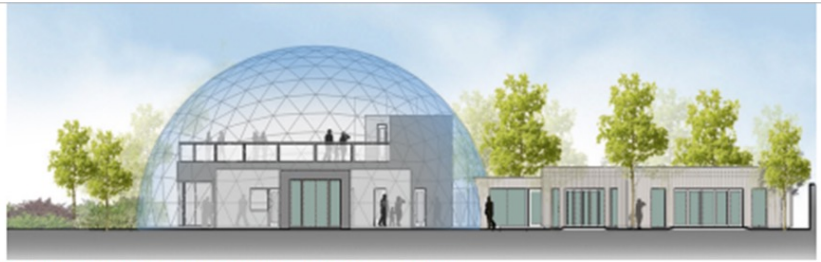
Acorn Farm is a social innovation project supporting employment through food production and urban agri-architecture. Acorn Farm will see the development of Geodesic Domes (up to 10m high) set within a former Ministry of Defence site.

The sustainable food hub will embrace innovative climate smart technology for local food production while progressing new culinary practices and food systems. It will be an iconic eco-tourism and visitor destination as well as a focal point for local community climate action and food growing.

The £6.2m project is funded by the UK Levelling Up Fund and Derry City and Strabane District Council.



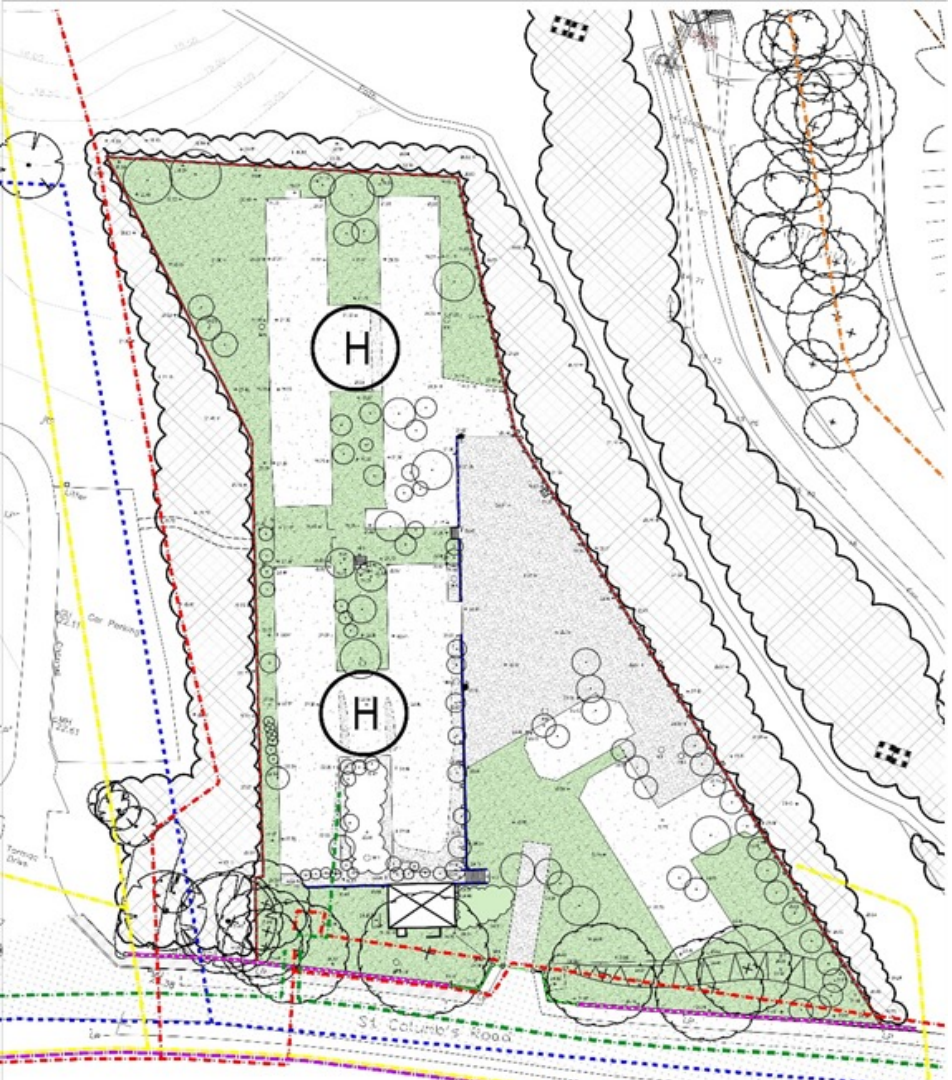
Top: Acorn Farm Photomontage, above: Geodesic Dome south elevation

Top: Acorn Farm 3D render, above: Gatelodge elevation

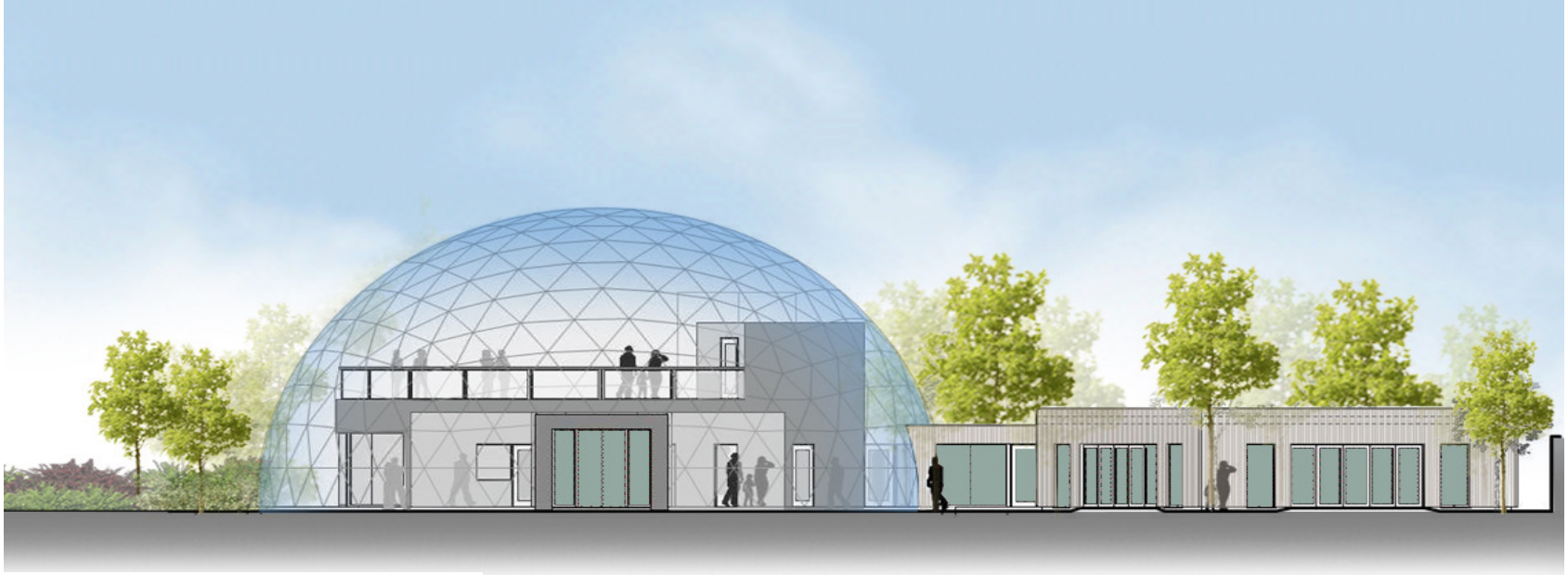
St Columb's Park - City Context

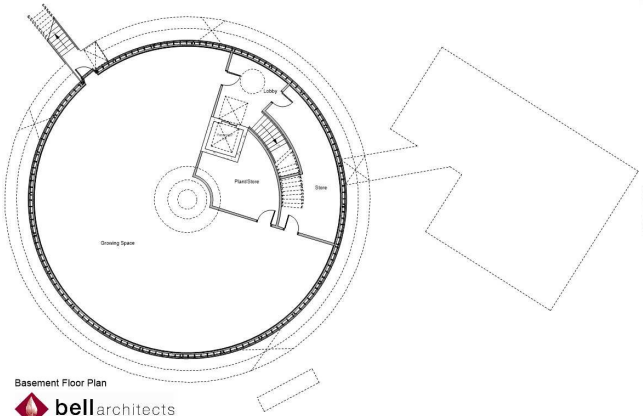
St Columb's Park Masterplan

Acorn Farm and Gatelodge


H
H
St Columb's Road

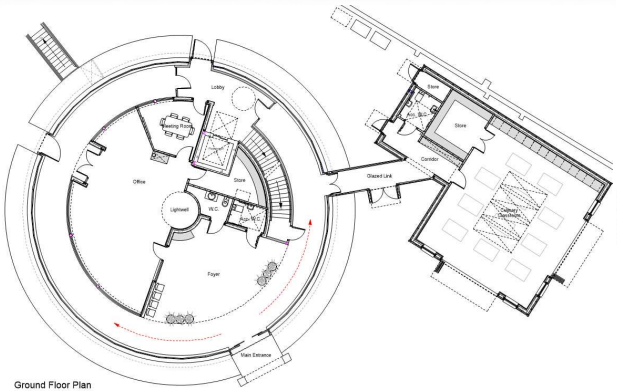
COMPOST BAYS 3X4m
COMPOST / STORAGE AREA, CONCRETE PAVING
TREES TRANSPLANTED FROM ORCHARD AREA
1.8M HIGH SCREEN FENCE WITH SLIDING GATES AND HEDGE PLANTING TO SEPARATE SERVICE AREA FROM MAIN SITE
D
B
POTTING SHED
STEEL SHED
BACK OF HOUSE SERVICE AREA
GLASSHOUSE
EXISTING 2.9M HIGH WALL REPLASTERED AND PAINTED
SHED / STORAGE
TRELLIS
GATE ACCESS TO ORCHARD
ORCHARD WITH VARIETY OF FRUIT TREES
RETAINING WALL & RAISED BEDS
LEVEL GRASS OUTDOOR CLASSROOM & AMPHITHEATRE
STEPS WITH WALLS AND HANDRAIL
750mm CHANGE IN LEVEL, 3X 250mm HIGH STEPS / SEATS
DROPPOED KERB TO ALLOW LIGHT VEHICLE TRAFFIC TO BACK OF SITE
GEODESIC DOME
APPROVED GATELODGE UNDER PLANNING APPLICATION NUMBER LA11/2021/0970/F
ANNEX BUILDING
RAISED TABLE PEDESTRIAN CROSSING
CONNECTING PATH TO ACORN FARM
1:40 GRADIENT
OUTDOOR SEATING
PARKING
SIGNAGE & EDIBLE FLOWER ARRANGEMENT
NEW ENTRANCE GATE PILLARS AND RAILING
PARKING
45m SIGHTLINE





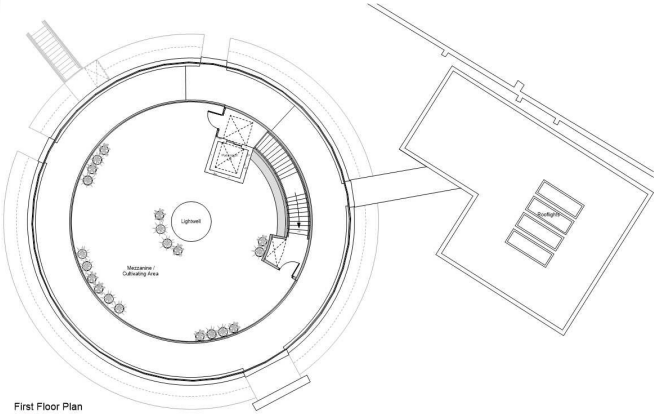
Basement Floor Plan

bell architects



Ground Floor Plan

bell architects



First Floor Plan

bell architects

acorn farm