

The Clearing.

Sustainable Community Leisure Hub

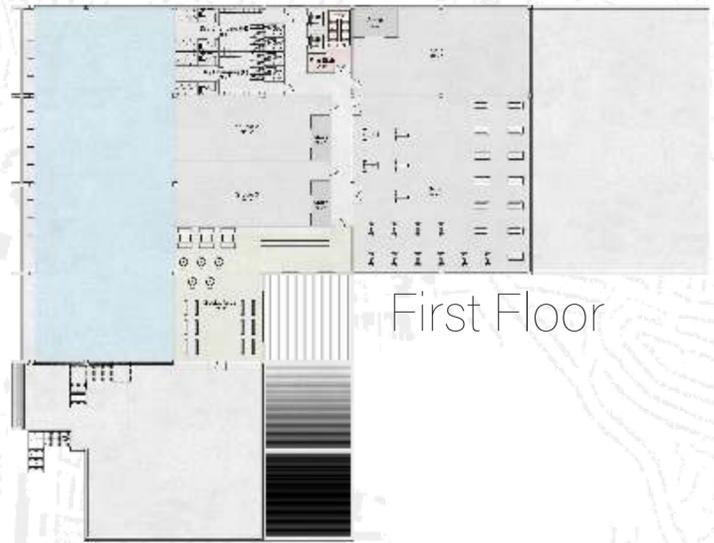
"Shirley"

Derived from Old English scire and leah. The name makes reference to an open space where community issues were discussed.

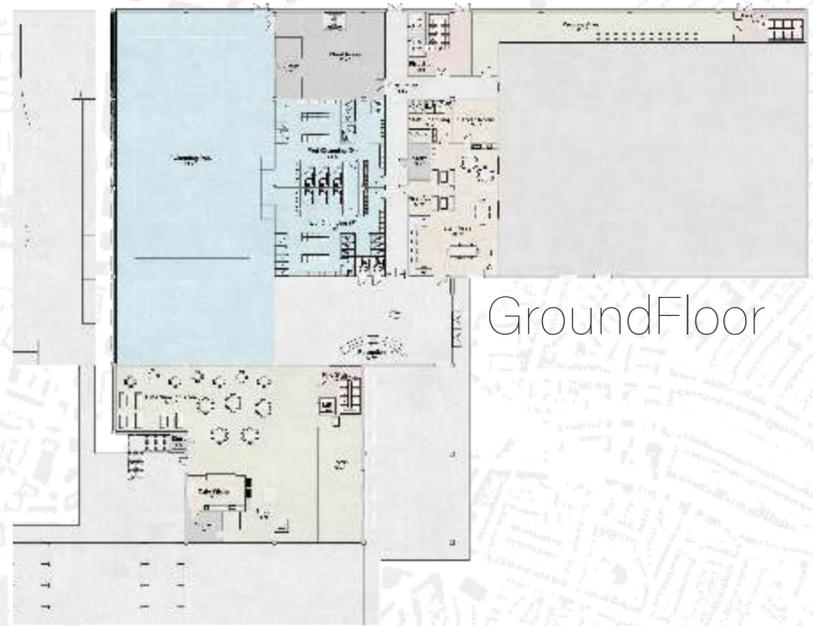
Scire: Bright & Clear **Leah:** Clearing



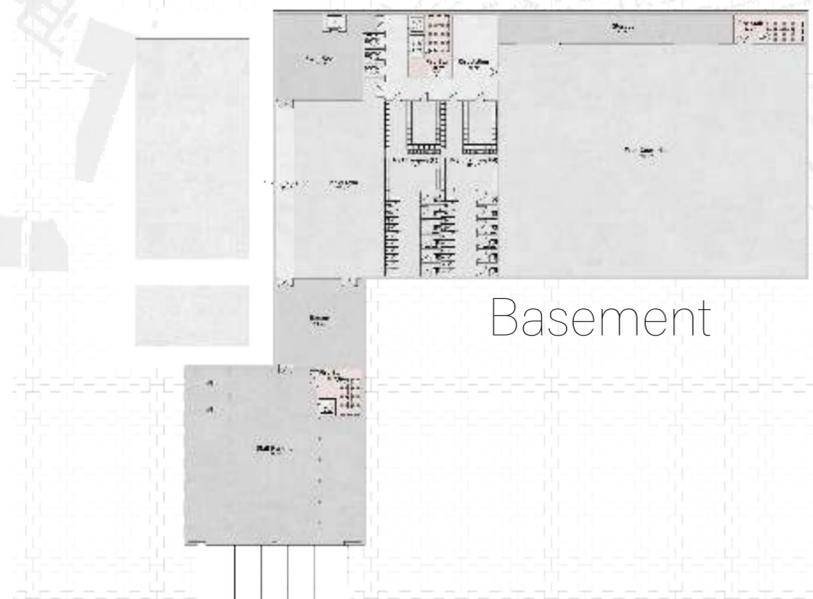
Second Floor



First Floor



Ground Floor



Basement

Sustainability

Create a flagship building to symbolise the cities aims of becoming a greener, cleaner, healthier and more sustainable city.

- Green Roofs
- Eco Shop
- Green Transport
- Refuse, Reuse & Recycling

Community

Provide a modern, safe and accessible place, helping reduce inequalities within communities and providing assets to better the lives of the local people.

- Cafe
- Eco Shop
- Cresh
- Social Area
- Quiet Area

Health

Enable the local community to maintain their health through activity with access to a range of high quality sports facilities.

- Swimming
- Sports Hall
- Gym
- Studios
- Skatepark

Wellbeing

Promote the existing green space by creating a focal point for activity and wellbeing with facilities for physical and mental health.

- Sauna & Steam
- Massage
- Hair & Beauty

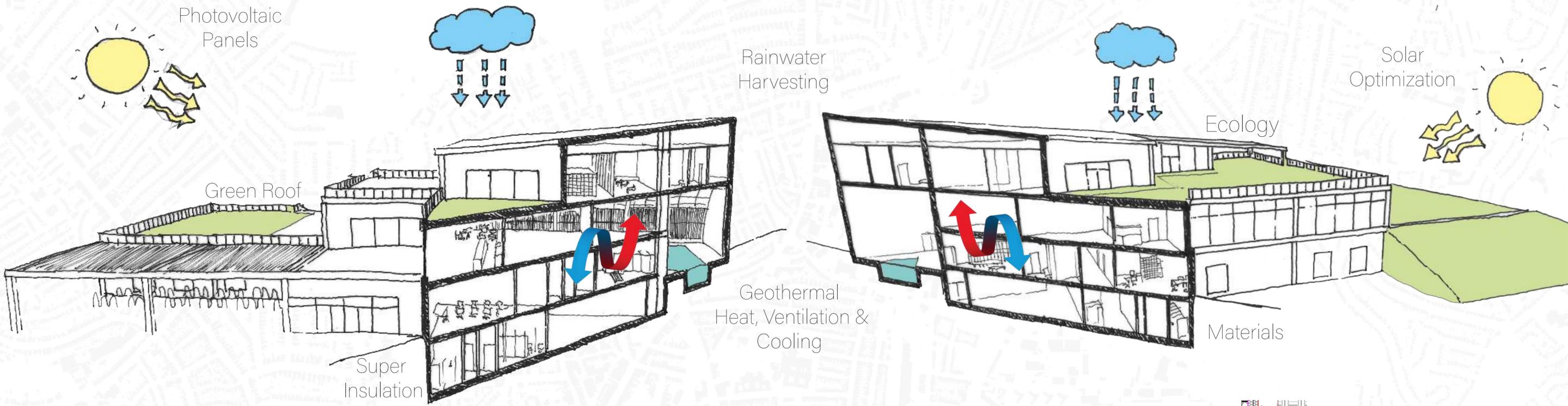
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Rainwater Harvesting
BREEAM 1-3
LE06 - Rainwater Harvesting

Green Roof
BREEAM 1-2
LE 03 - Mitigating ecological impact

Geothermal HVAC
BREEAM 1-5
ENE04 - Low & Zero Carbon Technologies

Photovoltaic Panels
BREEAM 1-2
ENE04 - Renewable Technologies

Waste Management
BREEAM 1
WST03 - Operational Waste

SIP Wall
VitraBond Cladding
U-Value 0.10 W/m2-K
Carbon 175977 gCO2/m^3

SIP Roof
SSR2 Sheet
U-Value 0.10 W/m2-K
Carbon 35215 gCO2/m^3

Semi Intensive Green Roof
U-Value 0.10 W/m2-K
Carbon 154466 gCO2/m^3

Reinforced Concrete Retaining Wall
U-Value 0.14 W/m2-K
Carbon 45399 gCO2/m^3

Reinforced Concrete Slab
U-Value 0.09 W/m2-K
Carbon 171286 gCO2/m^3

CLT Intermediate Floor

