SELF-SUSTAINING BOTANICAL FARM WITH ART & TECHNOLOGY PLATFORM

TEAM

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SITE APPRAISAL

Removal of the gyratory system, transforming the roundabout into a pedestrian and cycle-friendly environment, changes the context of the existing structures. Whilst technically fitting on the peninsula they were never designed to be part of a wider public realm and in their total, create coincidental negative and awkward public spaces that impede placemaking and accessibility.

Examples of this are how the advertising structure sits on a plinth, originally constructed to support a flyover. The peninsularisation results in the clerestory and substation obstructing the spatial quality of the newly created public space, whilst the adjacency of the busy highway further erodes the viability of good public realm.

VISION

To address these fundamental issues and embrace public art and Smart City innovation we aim to create an enhanced public space for people, where local residents can engage with art, digital media and green technology within a new clerestory structure, maximises movement of people and sight lines creating a new larger plaza area and is experienced at both street level and the subway below.

Whilst its final position and form need to make full use of sustainable opportunities such as heating sourced from the underground station ventilation, it could also replace the planned main station canopy to create an enhanced passenger experience from the underground.

This background environment containing moving hydroponics also provides produce for a new restaurant below, replacing some of the pop ups, which was the originally conceived plan for the clerestory space in the 1960’s.

The advertising structure and plinth are to be replaced within the new botanical farm, whilst substation and clerestory are to be removed and remaining electrical assets relocated into unused subway spaces.

DESIGN CONCEPT

This bold but potentially economic concept, aims to connect the above and below ground spaces by forming a new high-tech green enclosure, using high-tech interactive glazing enabling a showcase for public art and Smart City innovation.

The structure is formed of an architecturally decorative glazing system encapsulated with Smart film technology which also replaces the JC Decaux advertising structure to provide a sustainable form of advertising and climate for the technology and events contained within.

OPPORTUNITIES AND COST

This new Self Sustaining Botanical Farm & Art & Technology Platform established within a new clerestory structure, maximises movement of people and sight lines creating a new larger plaza area and is experienced at both street level and the subway below.

With the final height determined by budget, costs of the steel and glass structure are to be sponsored by emerging technologies and system manufacturers including lighting and sound.

As an iconic space, it is proposed long term income will be generated from event space rental, whilst pv cells in the glazing provide a sustainable form of power allowing the illuminated botanical structure to form an enhanced backdrop to free public events.

It is proposed that this combination of station, retail, art and technology would act as a catalyst for businesses in Islington and Hackney within a smart green technology background.
Old Street Iconic Gateway
Self Sustaining Botanical Farm & Art & Technology Platform

Site Constraints: Removal of the gyratory system, transforming Old Street roundabout into a pedestrian and cycle friendly environment, changes the context of the existing structures. Whilst they technically sit on the perimeters they were never designed to be part of a wider public realm and in their total, create coincidental negative and awkward public spaces that impede pedestrian and accessibility of any new opportunities.

Examples of this are how the JC Decaux advertising structure sits on a plinth that was originally constructed to support a flyover. The perinormalisation results in the derelict and suburbanise obstructing the spatial quality of the newly created public spaces.

The adjacency of the busy highway further erodes the viability of the public realm.

Whilst proposals shouldnt compromise existing businesses, the perinormalisation will significantly change the footprint, which we aim to address.

The Underground Station below limits opportunities for extending the promenade of light.

Opportunities: To establish an Old Street Iconic Gateway as a landmark embracing public art and Smart City innovation these proposals address these fundamental issues.

Interestingly, the clerestory space was originally conceived as a restaurant and the perinormalisation is an opportunity to re-envision a singular event space connected above and below ground.

Vision: In order to create an enhanced public space for people approaching from all directions, where local residents can engage with digital stacks and technology we propose to create a high quality public space replacing the advertising structure with a contemporary Self Sustaining Botanical Farm & Art & Technology Platform.

The structure would be formed by a new clerestory maximising movement of people and sight lines.
Old Street Iconic Gateway
Self Sustaining Botanical Farm & Art & Technology Platform

Design concept: This bold but economic concept aims to connect the above and below ground spaces by forming a new green gateway, creating both an advertising base and platform to showcase new design, art and technology.

This background environment formed by a living hydroponics system also provides produce for a new destination restaurant below, acting as a catalyst for businesses in Islington and Hackney within a green technology background.

The structure is formed of an architecturally decorative glazing system encapsulated with PV cells to provide a sustainable form of power for the technology and events contained within.

Subject to an evacuation assessment, the restaurant/event space would eventually replace the units below, and be visible from street level.

The design would form a wonderful and unique spectacle, transforming at night, into an illuminated botanical showcase, reinforcing its role as an iconic gateway.

Cost: Civils and structural works are at tender and to be included in the main budget.

As a platform for new art, design and technology it is proposed that external funding sources for the Hub can be established from design, art, technology and education sources.

Long term income is to be generated from room hire and events.
The proposed design aims to provide a new civic space to London for the local community.

It offers a simple green oasis as a backdrop to the disjointed urban fabric surround by providing a small piece of nature in the city.

Sheet One of the submission comprises an Analysis of the existing site and highlights design strategies in response to the Brief.

It includes a brief appraisal of “similar public squares” adjacent to road infrastructure in London as well as designs for similar spaces elsewhere in the UK as well as overseas.

Following this it lists some key design strategies for the site.

Sheet Two of the submission illustrates the proposed design and its context within the surroundings.

The Design proposes the following key Interventions/decisions:

**KEY FOCUS**

The Precedents Review on Sheet One identified that most public spaces have a single focus element which anchors the scheme. The Sculpture/Digital Screen is currently a key focus to the Old Street Roundabout. There is mixed review of the success of this element. A circular digital screen has been appraised instead but the location on the site is such that it is proposed to replace this with a new design.

To anchor the scheme a large oval Roof form is proposed to cover a large expanse of the site. This provides a suitable scale and enclosure to the space and subjugates existing fixed elements for retention.

The Roof alludes to the form of a rail station marker and also to the notion of covered market square where temporary exhibitions, gatherings and markets could take place and animate the space.

The Roof ideally is to be covered with translucent PV Panels to provide a functional benefit in offset in use of energy for the various digital items in the space.

High level suspended curved new digital advertising screens are fixed to the roof structure located at each apex which aligns with the existing road axis.

There is a coloured high-level frieze and with lighting for night time to provide a distinctive landmark to the area.

**PROJECTING ST AGNES WELL LIGHTWELL**

This occupies a key area of the site and forms a raised plinth or terrace under the large Roof. It is proposed this can form a separate exhibition/ WIFI Hub area. Access is provided by a new lift and stairs with a roof suspended cluster of small digital screens.

**LOWER AREA**

This is a predominately open space with a simple linear line of trees and seating aligning with the roof oval shape above. No ground planting or water features are proposed.

**BUILD**

Proposals have been formulated on a need for London basis and not in consultation with any private or public bodies at this stage. The main aim has been to try and formulate an appropriate vision of design excellence for this important public space in London and which can shine as a beacon for redevelopment.
Old Street Iconic Gateway
Open Call for Design Ideas
Old Street Iconic Gateway
Open Call for Design Ideas

Isometric Key
1. Steel Roof Structure
2. Translucent PV Roof Panels
3. Perimeter coloured Fleece
4. Louvres to west/east
5. Curved Digital Screens
6. Upper Terrace Display Screens
7. Upper Terrace Roof (WiFi Hub under)

Cross Section
Plan Key
1. Promenade of Light
2. Station Entrance
3. St Agnes Lightwell
4. WiFi Hub/Market Terrace above
5. Outline Oval Roof above
6. Trees & seating surround
7. Lift to Upper Terrace
8. Terrace with stairs to Upper Terrace
9. Flood seating/bios
10. The Grind
11. Cycle/Charge/Top-Up Points
12. Station Underground

Design Statement
The design proposes a large oval roof canopy to give focus to the space and shelter/enclosure to pedestrians below. This Roof allows:
- Support of four large curved digital advertising screens at apex
- Coloured perimeter roof eaves with louvres to west and east sides
- A kind of market place for temporary stalls and exhibitions
- Ideally covered in translucent PV Panels to offset high electricity usage

The Upper Terrace provides zone for a WiFi Hub with trees and seating following the oval roof slope below
MEMORY, IDENTITY, URBAN LANDSCAPE (UNTITLED)

TEAM

Markwick Architects
Thomas Leung

Please see project description written on the next page.
The design brief calls for a new urban space within the central area of Old Street. The proposed space will support both pedestrian and cyclist traffic, and improve the overall urban experience. This will involve the creation of a new landscape that will act as an urban oasis.

The site is located within the London Borough of Islington, and the proposed space will be integrated into the surrounding urban fabric.

The proposed space will be designed to provide a range of open spaces, including a central green space, a pedestrian plaza, and a series of smaller public spaces.

The design will include seating areas, lighting, and planting to create a sense of place and identity.

The proposed space will be connected to the existing public realm, and will provide a gateway to the surrounding areas.

The design will be developed in collaboration with the local community, and will be open for public consultation during the design process.

The proposed space will be a vibrant and dynamic area, providing a range of social, cultural, and recreational opportunities for the local community.

The project is expected to be completed within the next two years, and will be a significant contribution to the regeneration of the local area.
The Old Street Roundabout area is a backdrop of constantly evolving tales: from a story of healthcare before the time of NHS to a hub of vibrant culture and technology it is today. While the recent developments built around this junction project an assortment of eclectic facades, the area is clearly missing a heart, a focus, an identity as an urban icon. More than ever this landmark junction asks for a new chapter of its own story, more than just roundabout for vehicles that will transform it from an island to a pedestrian and cyclist friendly peninsula.

The new proposal attempts to redefine Old Street junction as a place worth staying and gathering, and furthermore sharing one’s story with the community. This particular community is composed of young and brilliant minds, permanent and temporary, thriving to engage with each other and to exchange ideas as well as emotion. In the age of Twitter, how refreshing could it be that a physical space provides a place for actual voices to be heard, to be interacted with? Our proposal is reminiscent of the Speaker’s Corner at Hyde Park, a birthplace of historical speeches initiated by those who spontaneously wanted to express and share their ideas freely.

Our design team proposes “Tale Points” – four beacons of ideas and expression. These four glass towers are constructed with a group of 4-10 boxes covered in clear LED screens to project any text or visual media. The typing booths are anchored on the ground level, like phone booths. Anyone can walk in and type content which will then be displayed upon the glass towers as large readable texts as well as on the ground LED surfaces. These messages, which immediately becomes a part of an urban artefact is spontaneously read by others until they disappear in a few seconds. This provokes a new way of interaction and communication at urban scale. The spontaneous audience are also participants in the art work itself.

In an urban context, the location of each Tale Point strategically guides pedestrians and cyclists toward important crossings or entry points. The orientation of the displays now focuses on the pedestrians and cyclists more than the cars – thus their vertical layout and height. Whether the content of the display is texts or artworks, ads, or something related to events on site, the bright towers will form new skyline to signal the open gateway. These Tale Points also incorporate “green barrier” units – the same dimension boxes that hang vines and lights to filter sounds and pollution from the surrounding traffic. Around these barriers are occasional green islands that provide moment of rest.

Two key technologies allow flexibility and sustainability. Clear LED is a display on transparent film that blends with the urban context while the key contents are brightly lit during day and night. The Pavegen is a smart city technology where the stepping of pedestrian generates electricity. Those who simply pass by these glass towers will unknowingly or wittingly become part of the artwork and also contribute to its sustainability.
Old Street Roundabout area is a backdrop of constantly evolving tales; from a story of healthcare before the time of NHS to a hub of vibrant culture and technology at present moment. While the recent developments built high-rises around this junction with eclectic faces, the area is clearly missing an identity as urban icons. More than ever, this landmark junction asks for a new flavour of its own story as the roundabout will transform from an island to a pedestrian and cyclist friendly peninsula.

The new proposals attempts to redefine Old Street junction as a place worth staying and gathering, and furthermore sharing one's story with the community. This particular community is composed of young and brilliant minds, permanent and temporary, thriving to engage with each other to exchange ideas as well as emotions. In the age of twitter, how refreshing could it be that a physical space provides a place for actual voices to be heard, to be interacted with? Our proposal is reminiscent of the Speaker's Corner at Hyde Park, a birthing place of historical speeches initiated by those who spontaneously wanted to express and share their ideas freely.

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1. COMMUNITY thru ART

TALE POINT is a place you can leave your stories and read others’ memories, dreams, secrets. A simple cube has taken on the role of a typewriter act as input station. Individual texts are saved in the system and randomly flow out to LED screens on glass cubes and pavements surfaces throughout the Old Street site like flowing water. These texts guide and gather audiences who read them in a collective manner or alone.
(Collaboration with the artist Bongai Park, London)

2. FLEXIBLE DISPLAY

Clear LED is a flexible media that allows any image or text to be projected onto a large surface in a coordinated manner. It will have different contents from art commercials, as well as events. Its transparency and lightness makes it suitable to be integrated in urban context.

Image by collaborator Clear LED.

3. GENERATE ENERGY

PV/GEN generators generate energy as you simply walk on it. As you approach each Tale Point, every step you take is all taken in by the generator of the venue. This art work.
Image by MUNGEN at Oxford Street.

4. FILTER with GREEN

Around the Tale Points, cubic frames full of plants and lights provide momentary spaces for social and idea greenery. The city becomes space for social and idea landscape and view of the car roads.
Image: Paul Helle.

ELEVATION(EAST) 1:50
CIRCULATION DIAGRAMS

PEDESTRIAN circulation
Pedestrian circulation flows from the perimeter on west, three crossings on south, east, and north leading to the tube station. All ground LED displays are strategically sited in the direction of the pedestrian circulation within the site.

CYCLIST circulation
The new pedestrian level is elevated at four locations to provide bike parking and waiting area. Take Points, placed in these specific parking areas for cyclists.

BUS & TUBE circulation
The new Old Street Tube Station sits on the centre of the pedestrian flows with 2 bus stops nearby. This will significantly increase the foot traffic of pedestrians that pass by the Old Street.
THE STONE CIRCLE

TEAM

D*Haus Company LTD
David Ben-Grunberg
Daniel Woolfson

Hell is empty, and all the devils are here.
William Shakespeare.

What a challenge it’s been to dissect the proposed Old Street Roundabout; the contrasting shapes and program mean that it is a very complex piece of public space.

Our first move has been to remove the 2 flying arches that hold the advertising screens and replace these with a supporting structure that adds a giant new Green Wall/Lung so that the TV screens and the greenery becomes a piece of public art itself. Screening films, adverts and other digital arts and shows.

The screens themselves becomes a giant piece of art rather than just a motorway billboard as it currently feels. We felt that the current flying metal structure is more suited next to a motorway or dual carriageway, not the pedestrian friendly environment that is envisaged. This was one of the core movements toward changing the feel of this historic roundabout.

To link this new piece of public art/digital screens to the site, we created a giant floating platform that merges the proposed stadium seating above the tube entrance with the clerestory roof above the station.

This new platform creates a completely new green space to view the screens from a different perspective whilst being high up away from the roads and busy traffic.

The final move to tie everything together was directly inspired by the historical importance and hedonistic atmosphere of Old Street and Shoreditch. What are historic hedonistic meeting places? We thought one place that stands out above them all is Stonehenge and its stone circle.

We propose to create a Stone Circle around the Tube entrance that links the digital art screens with the green platform, and thus creates a natural yet historic place to meet, “I’ll meet you by the stones.”

We would like to reference Stonehenge in some of its sizes and landscape design, but we also could do this in a contemporary way or even make the stones digital and interactive with lights inside or screens, there are many possibilities for this concept and we are just scratching the surface with this experiment, for the purposes of the visuals, we have simply copied the Stonehenge stones.

The stone circle would not just naturally signify the meeting place but become a defensive ring around the tube entrance against bad driving or other hazards. We feel strongly about the Ancient typology offset with this pure modern backdrop of the floating white platform with as much greenery as possible so that the new piece of public space acts as a green lung and people on their lunch break can now descend to this former roundabout and have lunch on the grass.
"This is empty and all the details are here."

William Shakespeare.

When a challenge is given to design the new Old Street Roundabout, the context-shapes and proportions mean that it is a very complex piece of public space.

Our new model has been to reference the Stonehenge site, that bold the advertising screen and replace them with a supporting structure that also a giant new Great Wall so that the TV screen almost the geometry becomes a piece of public art itself. Surrounding fountains, shrubs and other digital art and shows.

The screens themselves becomes a giant piece of art rather than just a monolithic billboard as in currently built. We filled the current flying video screen in a more angled to in a neuroscience or data visualization, so the pedestrian friendly environment is transformed. This was one of the core concepts that’s changing the feel of this historic landmark.

To link this new piece of public art with the site, we created a giant floating platform that engages the proposed task and is enjoying the site experience with the advertising look over the station.

This new platform creates a completely new space to view the screen from a different perspective from within the view from from the inside and above.

The final move to this experience was clearly inspired by the historical importance and beautiful symmetry of Old Stonehenge, hence the screen. We are essentially decorating the stone circle.

We thought of a plan that stands out above them all in Stonehenge and its stone circle.

We propose a screen, a floating screen over the stone enclosure that links the digital art screen without the green platform, and this creates a natural yet historic place to view. TV meet you by the screen.

We would like to reference Stonehenge in some of the sizes and landscape design, but we also could be the contemporary way or even make the same digital and interactive wall or space.

The space circle would be a natural fit to the floating place but become a definitive ring around the stone enclosure against bad driving in other boards. We feel strongly about the Shoulders parking only with this new modern backdrop of the floating video platform with its unique geometry as possible so that the new space of public space site as a green team and people are their lunch breaks are done to the former conditions and have lunch on the place.
We believe funding could be raised from the likes of Angel Investors, Google Campus, Apple, the Government and LB’s Hackney and Islington. It will celebrate all things green through ‘botanical garden’ inspiration with plant shops and local garden groups and partnerships to integrate the natural with the artificial; to generate economy and a sense of wellbeing.

LOOK AND FEEL


USER EXPERIENCE

Three dimensional, rich and varied habitats and info worlds generating tech discussions and showcasing London’s leading position globally.

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OLD STREET PIER
A GATEWAY TO TECH CITY

OUR VISION
A fitting gateway to Tech City and to other worlds, a place to rise above the humdrum and let ideas soar, a place of imagination, experimentation and engagement.

We imagine the Peninsula as a 21st century urban pier, free for all to enjoy and explore; with a great pavilion at its end surrounded by a sea of throbbing life.

As a place that reflects the hidden world of tech city for all to see, it will become a beacon or mirror on this world as well as a wayfinding device to connect tech producers and consumers together and link people to places, through its board-walks and promenades. It will also be a green oasis, rising above the cacophony and offering instead a safe and nature-rich environment — a contemporary ‘paradise garden’.

OBJECTIVES
Celebrating technology in all its manifestations
• Unlike any other public space, it will excite the senses, and stimulate ideas
• The ‘go to space’ for local residents, workers and visitors of all ages and backgrounds
• Tech city made visible, technology demystified and experienced directly

Be extraordinarily green, clean and safe
• Exotic - an extended field of greenery through tree planting, green walls and planting
• Uncluttered – open space, easy to move around
• Protected – an elevated deck to mitigate the impact of traffic such as pollution and noise

Provide a blank canvas a flexible space for interaction
• Plinths for public art / space for play – a new kind of park
• Surfaces for advertising, projection and hanging
• Enabling infrastructure harnessing renewable energy

KEY STRATEGIC MOVES

THREE LAYERS AND ONE ELEMENT OF CONTINUITY

The canopy - a dynamic cover for the deck, an advertising framework and a 360° exceptional promenade deck. We propose a terracoty dome, a great icon for the gateway to tech city, a novel structural system that can only be designed today, using advanced computer modeling and digital fabrication techniques

The stage - An open-air dock over the station clourstry to expand the public realm offer a place for gathering, sitting, exchanging, experiencing and performances

The ground plane - routes and flows of people and retail / studio spaces

The promenade - An endless walk that connects the layers and provides a narrative or journey that takes people from ground level to ‘tree top/terracy’ via a walkway providing views outwards and animation from below
OLD STREET PIER
A GATEWAY TO TECH CITY

HOW IT WILL WORK
Old Street Pier will be a place for showcasing the latest ideas, the greatest breakthroughs and achievements of the tech community, a cross between a street/night market, a cinematic advertising spectacle/installation, a hall of fame and a kind of library delivering holistic self-promotion at the heart of the digital ex-roundabout. Pop-up retail studios will offer training and workshops.

It is likely funding could be raised from the likes of Angel Investors, Google Campus, Apple, the Government and LB’s Hackney and Islington.

It will celebrate all things green through ‘botanical garden’ inspiration with plant shops and local garden groups and partnerships to integrate the natural with the artificial; to generate economy and a sense of wellbeing.

It is likely we could make links with the RHS and Kew Gardens, Chelsea Flower Show.

LOOK AND FEEL (MATERIALITY)

USER EXPERIENCE
Three dimensional, rich and varied habitats and info worlds generating tech discussions and showcasing London’s leading position globally.

MASTERPLAN / CANOPY PLAN - 1 / 500

GROUND FLOOR PLAN - 1 / 1000

DECK PLAN - 1 / 1000

AFRIAL VIEW

PERSPECTIVE VIEW FROM SHOREDITCH

1. Advertising and an unique view
2. An immersion digital ceiling
3. A place for culture for all
4. A place to meet
5. A public digital centre

From Virtual Reality, QR codes experiences, free Wi-Fi to products showcase

USERS EXPERIENCE
Within the tower is a hydroponic garden—driven by the latest science and technology to grow organic produce to be consumed on site. An entrance at street level with a visitors centre will allow others to learn of hydroponic growing. In addition and as a subsidy—private decks can be hired for the day/evening for small parties to taste the produce and enjoy the view of the greenery from below. But to really appreciate Tech City the HydroGarden roof terrace site 40m above pavement levels for public access and events.

Old Street roundabout is the centre of Tech City. It is a hard, noisy, polluted, ugly gyratory. It is not Silicon Valley—there is no Palo Alto, no vineyards, no mountains, no ocean…and no road to San Jose.

The revised TfL proposal for Old Street will convert the roundabout, which contains much of Old Street Underground Station, to a peninsula. This will reduce traffic dominance but not vehicle numbers, pollution or noise. This should be considered as part of this opportunity.

Connecting a new tube station ‘front door’ to the Avenue of Light and other surface crossings will create access to the middle of the peninsula. These alone will not guarantee a successful place—as a place is space with a purpose. So what is the purpose of this new space and how will it manifest.

The digital revolution changed our working methods and is itself sustained by new modes of business. Gone is the cellular office, the personal desk and the formal workshops. In comes stimulating creative areas, informal meeting spaces and fluid environments where you are as likely to eat as you are to make a film. A workshop is now a verb.

The ‘breakout space’ in a work environment is where informal or unplanned collaborations happen—here sparks ignite new directions of ‘travel’ with limitless boundaries and conventions. Ideas cannot flourish in isolation, they need collaboration. Does Tech City have a break out space? Where do inter-company events happen, where do they meet, drink, eat, dream. What Old Street needs is a place, an iconic centre, a magnet. It doesn’t need a blob in a plaza or another Christmas market.

As our cities become denser we demand more sustainable ways to live; cleaner transport, leaner diets. We use technology to run our lives and we are turning to technology more and more for food production. Hydroponiaq is a sustainable hydroponic garden, research centre and meeting area. A green forest in the middle of London. A retreat and a quiet garden in the white heat of Europe’s technological epicentre.

The ‘re-forestation’ of Old Street is based on a 4x4m grid trough system where trees and shrubs colonise every metre. Areas for sitting and meeting will be created between desire lines. The roof of the station is accessed by ramps and will be spanned with planting beds. This will be a controlled environment for eating and drinking—a vast meeting area. Above will be a new slender tower which will support the advertising signage.
HYDROPONiqA is a sustainable hydroponic garden, research centre and meeting area. A green forest in the middle of London. A retreat and a quiet garden in the white heat of Europe’s technological epicentre. This is the ‘breakout space’ for Tech City where informal or unplanned collaborations happen – here sparks ignite new directions of ‘travel’ with limitless boundaries and conventions. Ideas cannot flourish in isolation, they need collaboration.

HYDROPONiqA is a not for profit promotion of what science and technology can do for our dense cities. Its produce will be used in a garden café and a series of events spaces. It will become a visitors attraction that has a message for sustainability and well being.

We use technology to run our lives and we are turning to technology more and more for food production. HYDROPONiqA is a not for profit promotion of what science and technology can do for our dense cities. Its produce will be used in a garden café and a series of events spaces. It will become a visitors attraction that has a message for sustainability and well being.

Phase 1
Develop the grid, landscape and build new signage tower – low cost soft and hard landscaping.

Phase 2
Hydroponic tower, café, research and learning centre, sell produce, add microbrewery – invest in iconic tower and create a subsidised income through research income and produce sales.

Phase 3
Create decks and service attendance for private eating & drinking decks – like a ‘Fixed London Eye’. Build high level public gallery for events and promotions that raise income for HYDROPONiqA to be self-sufficient.

Hydroponqia
The tower in its final form comprises:
- Ground level reception/innovation centre – access to lifts and toilets
- 1 garden deck and café – access to lifts
- 2 A1 of hydroponic research labs
- 4 seminar and learning rooms/ advertising
- 5-13 hydroponic pods with two levels of carousels per floor
- 6-9-12 meeting and events decks with toilets summer only
- Level 14 – roof top events room The Beanstalk!

Other – community garden on underground station roof – ‘growing on terraces’. Water tanks to contain grey water. Heat exchangers to reuse heat from underground for hydroponic pods. PTFE greenhouse walls incorporating photovoltaic to run lifts.
HYDROPONIqA
OLD STREET ICONIC GATEWAY

Events Room
Public gallery
Private events
Text City promotions

ETFE Greenhouse

HYDROPONIqA Tower

Events Deck
Meetings
Social events
Parties

Hydroponic Pods

Events Deck

Community Allotments

Seminar Room
Presentations
Exhibitions
Learning

Advert Signage

Garden Deck and Cafe

Access Ramps

This is the site
HYDROPONIqA
Public Access

This is not the site
Existing Condition
Forest and Podium

View from Old Street

Avenue of Light

Shoreditch Grind

Old Street

Local Trader

Local Podium

Community Garden

HYDROPONIqA Tower

Raised Garden Deck

GRID architects