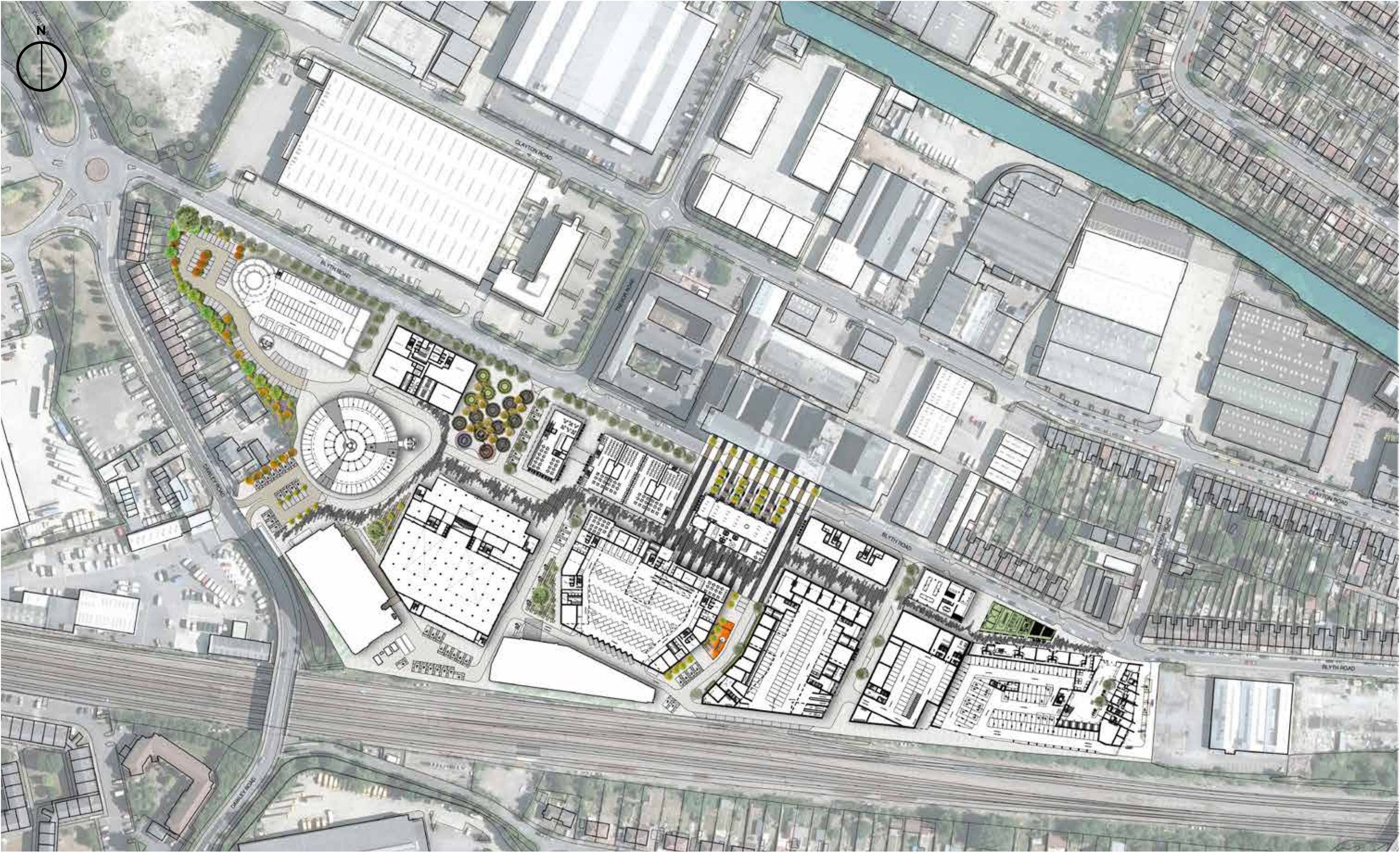


06 INTEGRATION TO THE WIDER MASTERPLAN



The landscape vision for the Old Vinyl Factory is simple: create a distinct and place specific public realm that both reflects the history of the site and supports the future life of the Old Vinyl Factory community and the people of Hayes.



WIDER MASTERPLAN PLAN PRIOR TO PLACEMENT OF THE GLOBAL ACADEMY UTC UNIVERSITY TECHNICAL COLLEGE

06.1 LANDSCAPING MASTERPLAN

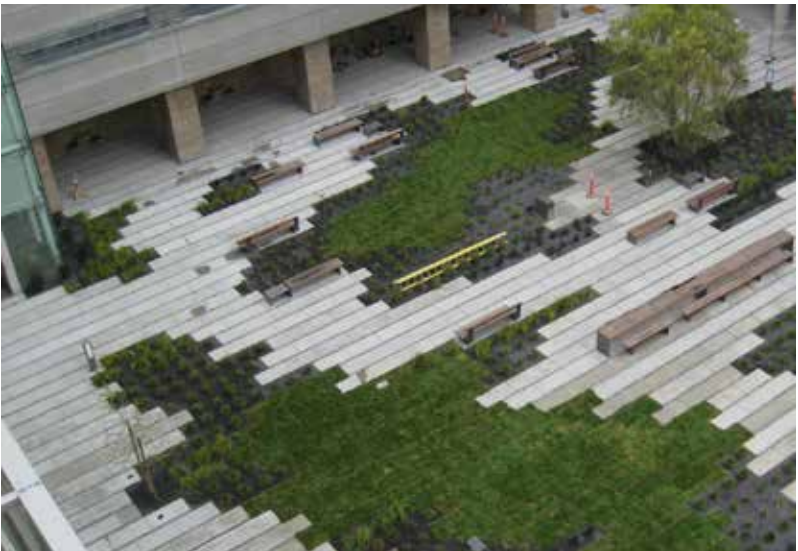
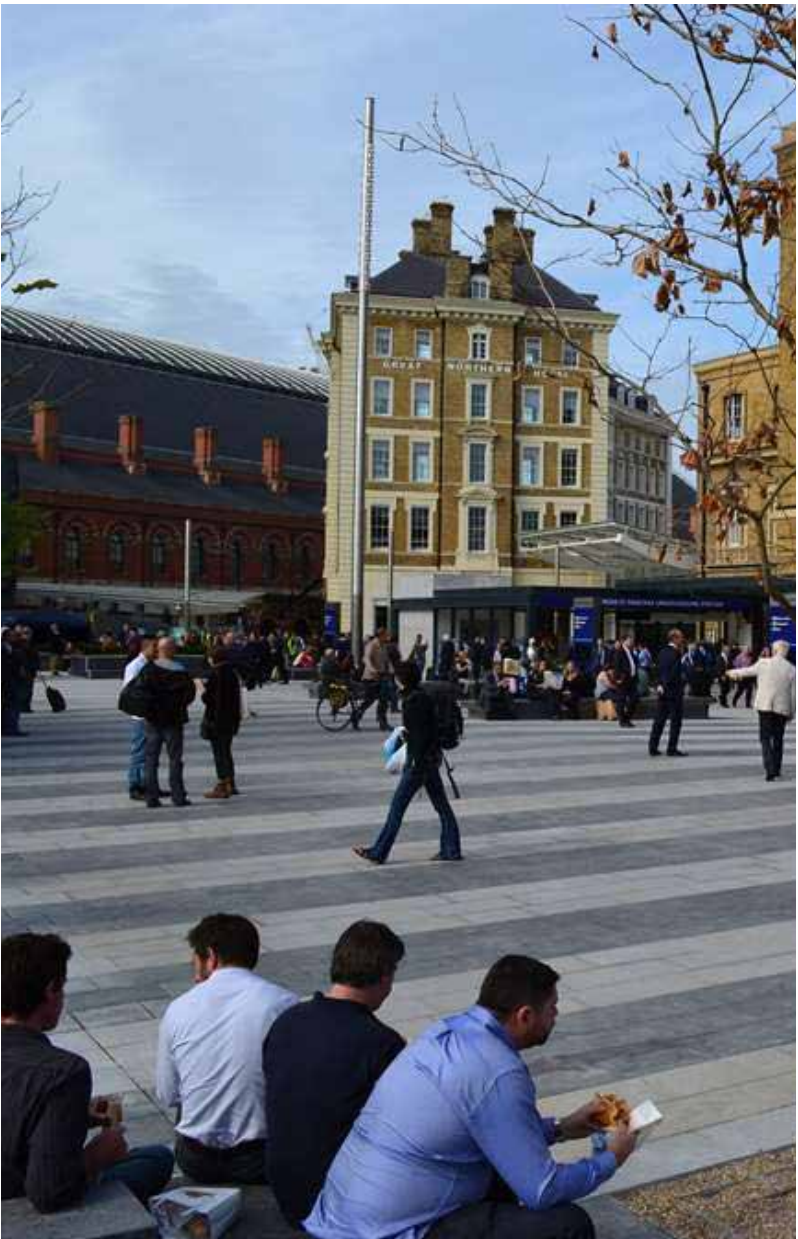
The key objectives for the landscape at the Old Vinyl Factory are:

- Develop a distinctive environment to mark the site as a new destination while reflecting and celebrating the history of music making on site.
- Create a campus environment which offers distinctive spaces of varied scale and type, balance this distinctiveness within a campus-wide unifying aesthetic.
- Make a multi-level landscape where ground level, podium levels and roof top spaces are integrated into a comprehensive, multi-layered landscape vision for place, ecology and landscape continuity.
- Create an inclusive environment where all residents, workers and visitors have equal access to the external environment.
- Promote a sustainable landscape – ensure that the landscape delivers livable spaces for people (social), promotes ecology, biodiversity and sustainable systems i.e. SUDS (environmental) and one that enhances the value of the site (economic).

For the design of the external works surrounding the Global Academy UTC building this approach is being continued. The UTC is located between Vinyl Square to the west, The Power House to the east, The Groove to the south and Blyth Road to the north. Each of these areas has a specific public realm design approach which will be used to integrate the UTC within its context.

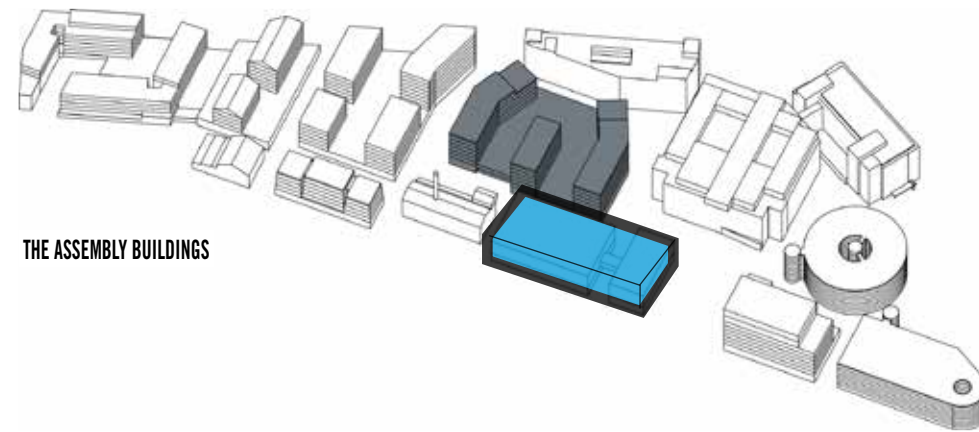
‘The Groove’ is a pedestrian link that runs through the entire site connecting a series of programmed public spaces. In all phases of the Old Vinyl Factory Masterplan The Groove has been used to deal with various interfaces, whether they be a building edge, a play space, or a public space. The same approach will be used for the UTC external area boundary.

LANDSCAPING PRECEDENT IMAGES



Precedent images illustrating proposed landscaping (all above)

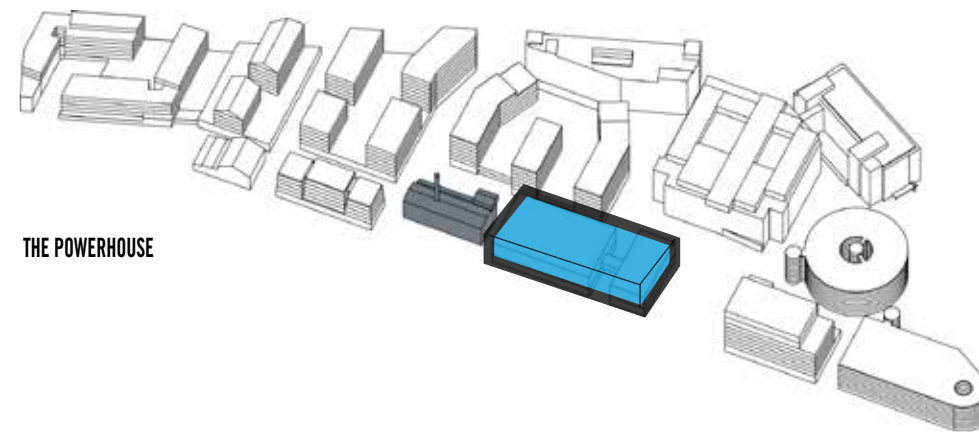
06.2 SURROUNDING MASTERPLAN ELEMENTS



THE ASSEMBLY BUILDINGS



The Assembly Buildings are situated to the North of the site. It is predominantly a residential building, raised above two levels of car parking. To ensure good active frontage, single aspect workshops, small family homes and commercial units wrap around the car parking at the first two levels.

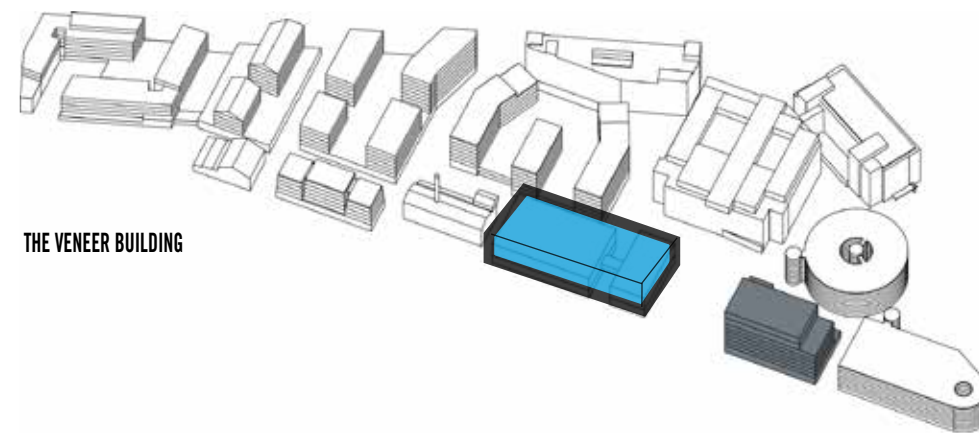


THE POWERHOUSE



The Powerhouse was once the engine of the EMI factory, providing the energy needs of this large manufacturing plant.

As a celebration of the Powerhouse's historical role as an energy provider, the new site wide energy centre is located back in this building. By introducing a new extension on its south side to take in all the plant requirements, the main hall becomes finally available for public use, which will now play a key role in the cultural life of The Old Vinyl Factory.

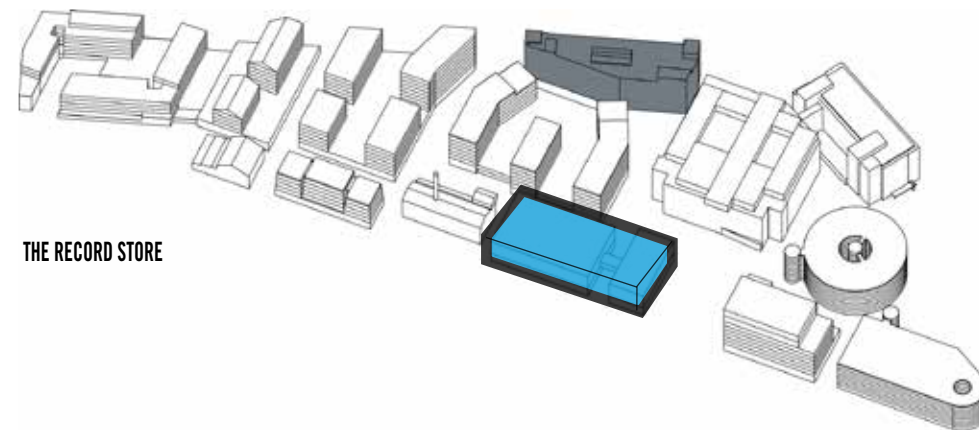


THE VENEER BUILDING

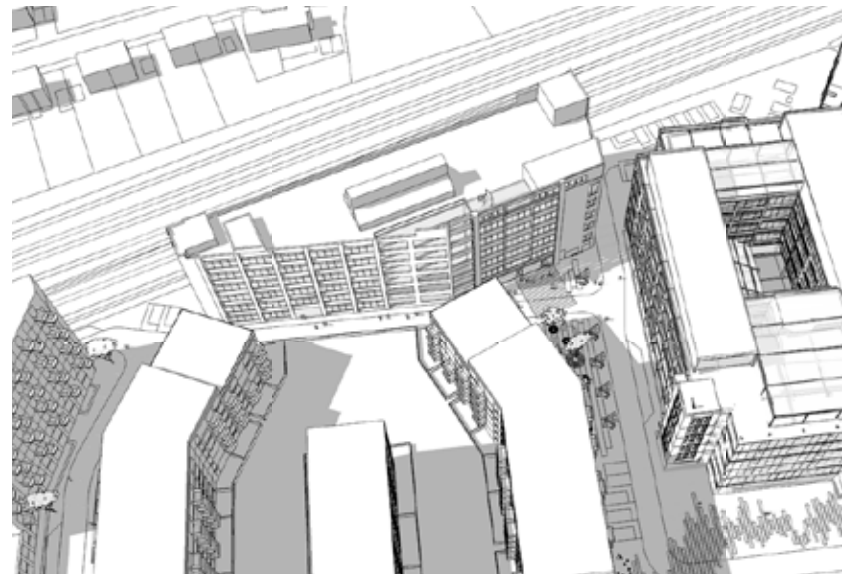


The Veneer building is a residential building with office uses at ground and first levels.

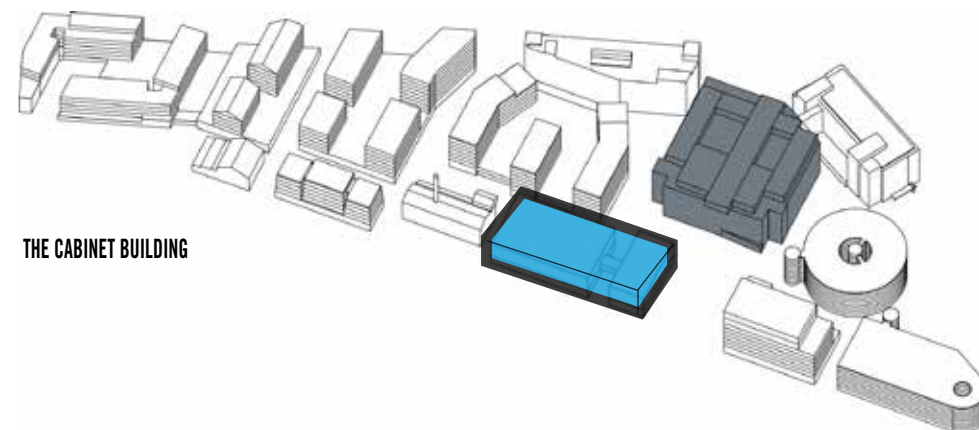
The main volume of the building, is 7 storeys tall forming the "shoulders" of the building with the upper 3 storeys forming the pop up of the building. Within this grid of timbers, a less rigid play of glazed windows and veneered wood panels provide the envelop of the flats. Recesses within this plane provide access to private balconies.



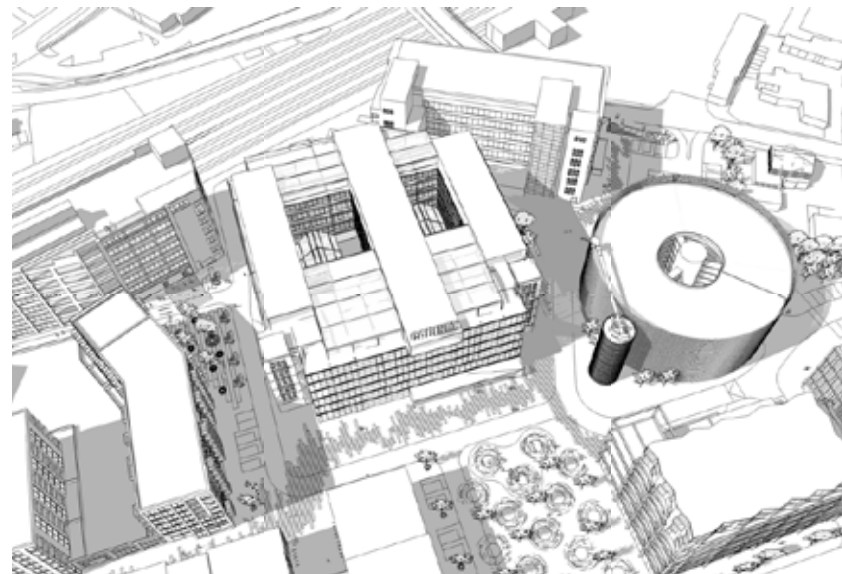
THE RECORD STORE



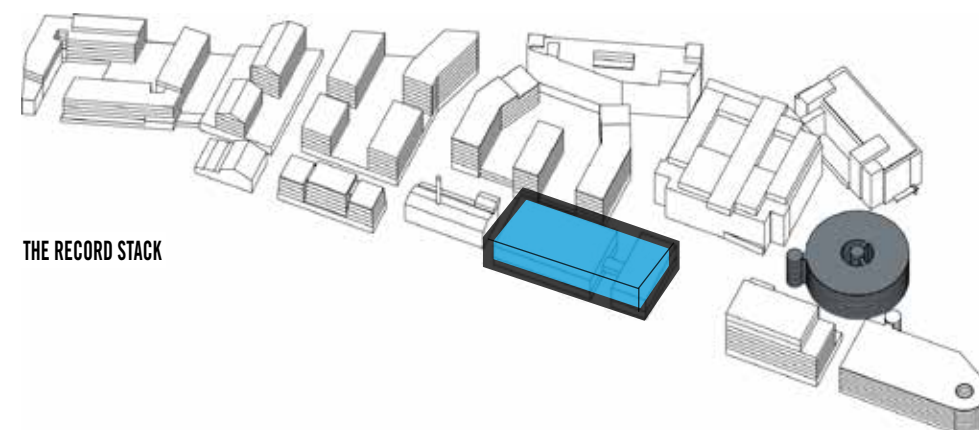
The Record Store has consent (granted in 2001) to refurbish the existing building, add a new entrance, and add an additional floor. The current proposal will implement part of this consented scheme. The existing façade will be refurbished using the existing opening. A new entrance will be provided on Gramophone Grove in addition to the entrance at the base of the flat iron. The curtain wall glazing, roof top extension or entrance canopy will not be implemented.



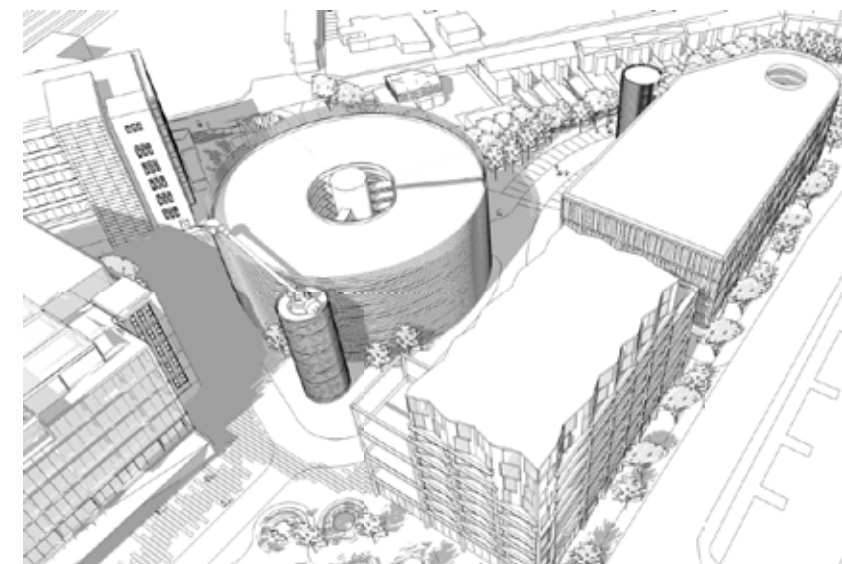
THE CABINET BUILDING



The cabinet building is the largest Surviving building from the gramophone Factory . At six storeys high and with its main facade orientated towards the existing site entrance off Blyth Road. The cabinet building remains one of the Most imposing buildings on the site.

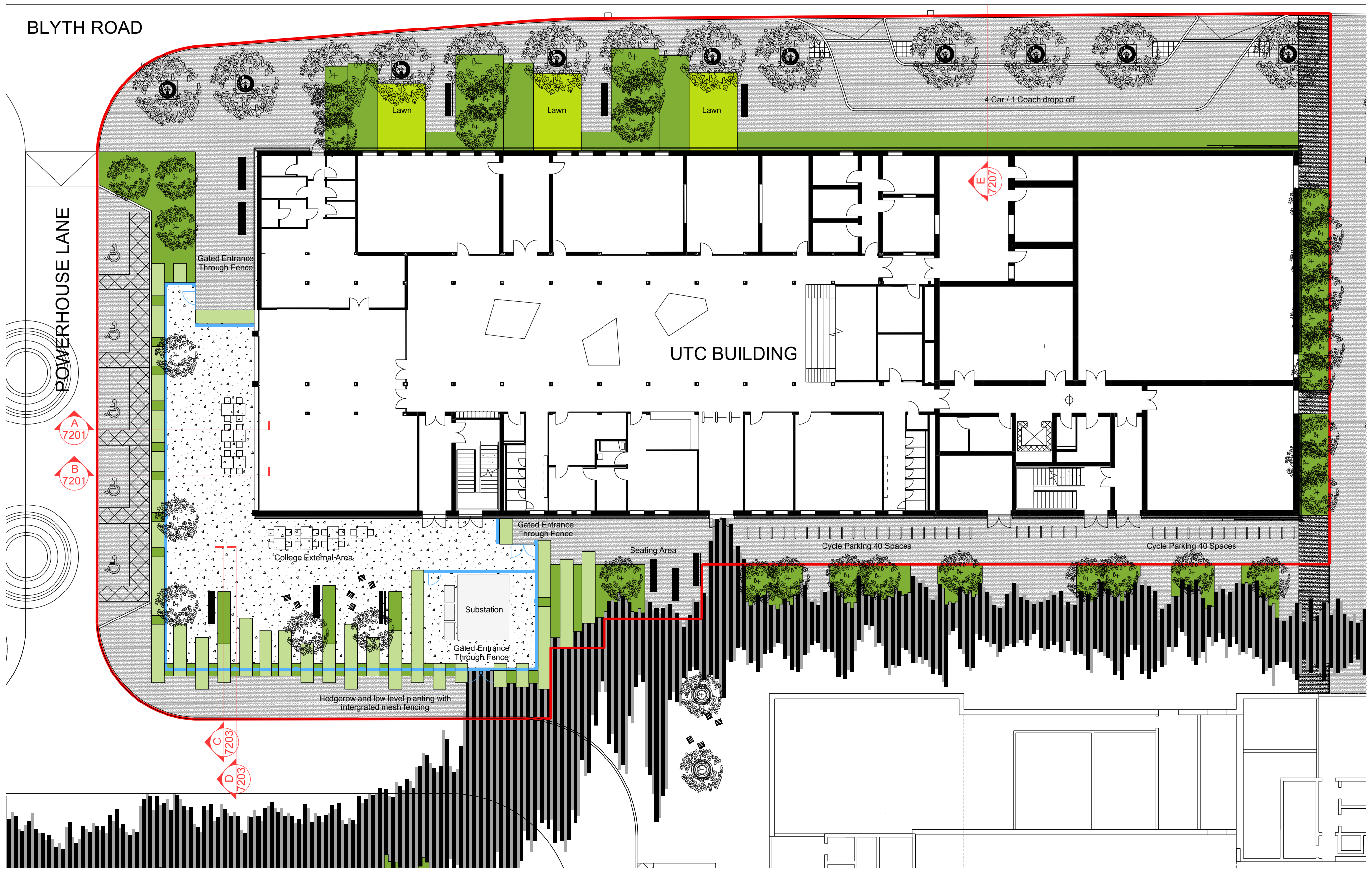
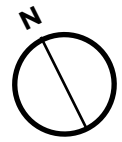


THE RECORD STACK



The Veneer building is a residential building with office uses at ground and first levels.

The main volume of the building, is 7 storeys tall forming the "shoulders" of the building with the upper 3 storeys forming the pop up of the building. Within this grid of timbers, a less rigid play of glazed windows and veneered wood panels provide the envelop of the flats. Recesses within this plane provide access to private balconies.



SITE PLAN GLOBAL ACADEMY UTC

06.3 EXTERNAL SPACE

An area of external space has been allocated to the UTC on the south-west corner of the building. The external space faces two key areas of public realm in the Vinyl Square to the west and The Groove to the south. The design of the external area is driven by three key principles.

- Continue the design approach developed at a masterplan level.
- Encourage a relationship between the external space and the surrounding public realm
- Maximise the use of the external space for students

The external area also needs to provide bicycle parking, car and coach drop off, area for sitting and gathering and a location for a sub-station.

The UTC external area aims to provide a secure enclosed space for students to sit and gather. The boundary aims to be soft in nature and visually permeable, so as not to cut off any interaction between the public realm and the external space. The use of planting to distinguish the boundary will also have a positive impact upon Vinyl Square and the surrounding public space.

The boundary is composed of a series of hedgerows at different heights and lengths, reflecting the sound-wave language of The Groove. The changes of hedgerow height allow various levels of screening to be used for different circumstances with high hedges used to screen the substation and low hedges used to allow interaction with Vinyl Square.

Integrated within the hedge rows a 1.8m high continuous steel mesh fence will be used to create a completely secure boundary. Entrance through this boundary will be controlled by mesh gated entrances to the north and east of the external area. The use of a steel mesh fence relates to the expanded mesh cladding used on the building and helps create a secure boundary that is also light and unobtrusive in nature. Design (materiality & products used) of this feature to be confirmed. Fence posts supporting the steel mesh fence will be located between hedges so as not to damage or compromise the root-ball of the hedge itself.

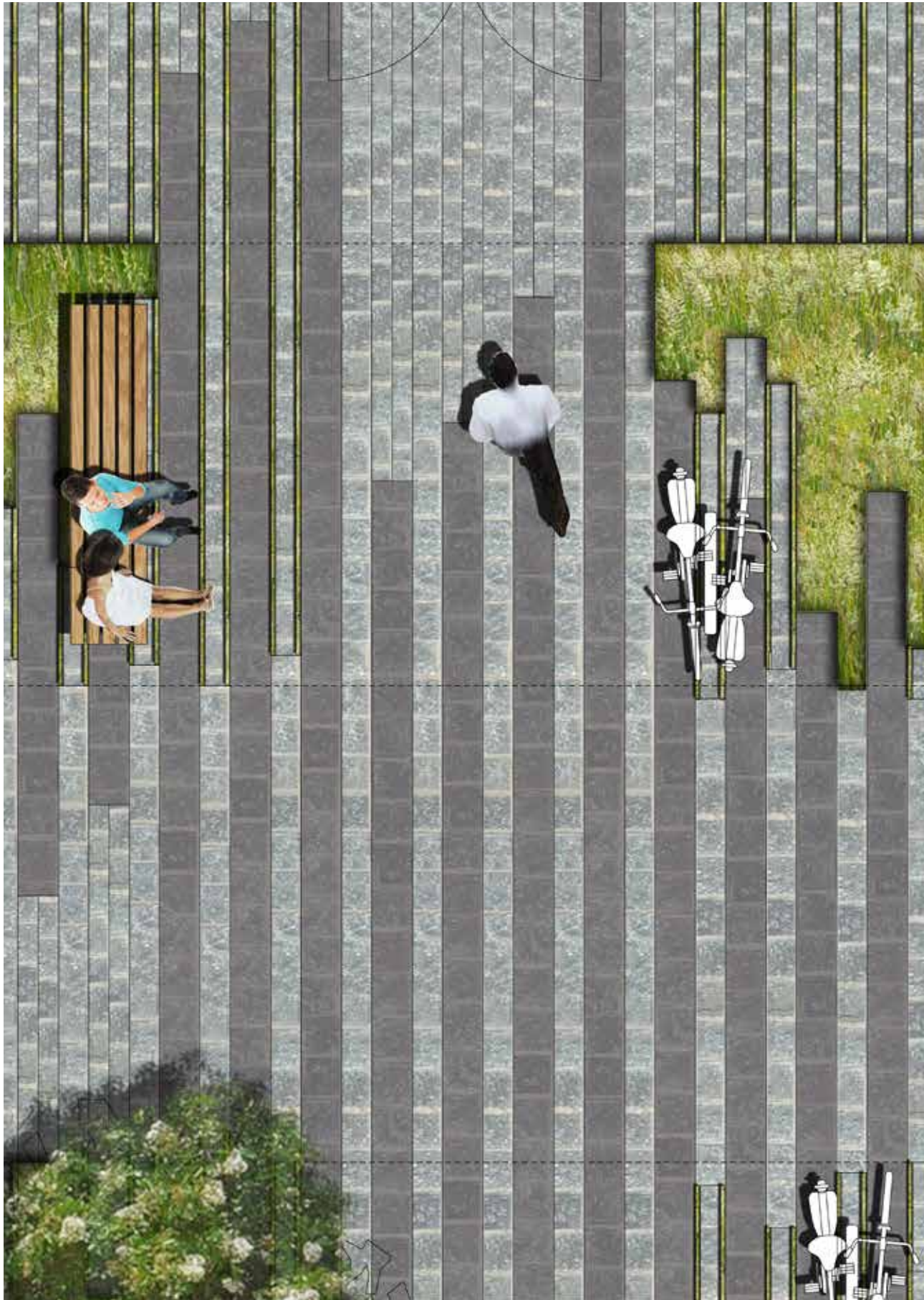
The majority of seating is located to the west of the external area as this will be the most active frontage due to Vinyl Square. Low planting beds correspond to the location of permanent benches. The beds soften the character of the space and will provide a variety of colours, smells and textures throughout the year. Five specimen trees are planted within the external area. The tree canopy will help provide screening and shade in the summer, while the selection of species will help integrate the external area with the character of Vinyl Square and The Groove. Specification and planting species to be confirmed,

Bike parking is located to the south east as it is close to the main entrance and The Groove. The bike parking is separated from the main pedestrian route by a series of plant beds that reflect the pattern of The Groove. A group of benches is located to the west of the main entrance as this is a key location where students are likely to gather and enter the building or external space. New benches will also be placed along Blyth Road.

Accessible parking is provided adjacent to the external area while an area for drop off is provided to the north east of the site. The fact the drop off area is integrated within a shared surface and a generous foot-way is designated adjacent to Blyth Road gives pedestrians a clear priority along this edge. A row of trees - Purple Cherry trees currently proposed, specification of these to be confirmed - separate Blyth Road from the pedestrian footpaths and clearly demarcate the edge of the Old Vinyl Factory site.

LANDSCAPING CONCEPT IMAGES





#1 BLACK RIB:
Hardscape Kellen Breccia Nero with Copper Slag
300x300 and 300x600mm
Random Pavers
Thickness 75mm



#2 EMERGENCY EXIT BLACK SETTS (FIRE DOOR OUTLET):
150x150mm
Hardscape Kellen Breccia 'Tagenta C'
Thickness 75mm
(Entrances TBC on Material Store)



#3 GREY RIB:
220mm Gauge - 600,400,300,150mm
Random Pavers
Hardscape Kellen Lavaro 'Wit'
Thickness 75mm



#4 GREY (THIN):
150mm Gauge - 150x600, 150x400, 150x300, 150x150mm
Hardscape Kellen Lavaro 'Grijs'
Thickness 75mm
(Butt jointed to match width of #1 Black Rib)



#5 GRASS STRIPS:
35mm Wide strip using paving spacers.
MURAROSY "SPACER RAIL 40/36" or similar approved
<http://muerarosy.de/>



#6 GRASS AND SHRUB PLANTING BEDS:
8mm Steel Paving Edging and 600-800mm Depth Soil



#7 TREE PITS:
8mm Steel Edging and 1500mm Depth Soil



Hardscape 'Kilsaran Lismore Neutral'



Hardscape 'Kellen Breccia Nero'

06.4 OUTDOOR MANAGEMENT PLAN

The ground floor external space will provide a safe and secure space for 14-16 year olds to congregate before school starts with the potential for similar at the end of the day while they are awaiting pick up if necessary. When appropriate, the space will be used during break time and lunch (exact times subject to timetable which will be fixed in 2016.) However, it is intended that the area would simply function as a student 'break out' space rather than a formalised playground area. The space utilizes secure by design principals, using a 1.8m high fence for student safety, combined with planting for a softer aesthetic. The external space may, on occasion, be used for outside teaching, although it should be noted that this is not anticipated to be a regular timetabled event, but would simply be on a periodic basis according to when there are periods of hot weather. As the precise details of how this space would be used and managed will not be known until the timetable has been set, we would be willing to agree to a condition requiring the Council's approval of an 'outdoor management plan' prior to occupation of the school.

06.5 MATERIAL CHOICE

The intention for The Old Vinyl Factory is that a singular high quality palette of materials is used throughout. The groove will be created by a series of contrasting bars of paving in black and grey. Around The Groove a simple, quality concrete aggregate paver (or similar) will be used in a neutral grey colour. This will create a clear field condition that highlights changes in paving types within The Groove. Conservation kerbs (or similar) are used throughout to match the quality of the surrounding pavers.

Shared surfaces are used throughout the site apart from at Blyth Road where a drop kerb distinguishes between the footpath and carriageway.

Two types of tree grill are used depending on location. Trees located along Blyth Road use a custom tree grill that reference the process of making records by having a groove etched into the metal. These tree grills are used consistently along the northern edge of the entire masterplan to distinguish the boundary of the Old Vinyl Factory. Elsewhere in the site a simplified tree grill that standardises the same concept is used.

Simple street furniture is proposed within the external area. Three timber benches are located adjacent to planting beds within the external area, while a further four are located beside the main entrance. 40 cycle stands with a capacity for 80 bicycles are located to the south of the UTC. Simple brushed steel bicycle racks are proposed to relate to the industrial character of the building. This furniture selection ties in with the site wide furniture approach.

The final specifications of all landscaping products and materials above mentioned are yet to be confirmed.

LANDSCAPING PRECEDENT IMAGES



High Quality Shared Surface



High Quality Shared drop off



Contrast Paving Within 'The Groove'

PLANTING PRECEDENT IMAGES



Paperbark Maple Bark



Acer griseum - Paperbark Maple Autumn



Hebe 'Mrs Winder'



Purple Moor Grass



Prunus serrula - Paperbark Cherry



Paperbark Cherry Bark



Black Night Buddleja



Purple Garlic



Prunus 'Royal Burgandy' - Purple Cherry



Prunus 'Royal Burgandy' - Purple Cherry



Crocus



Glory Of The Snow

06.6 PLANTING

The final specification of all planting herein mentioned will be confirmed at the next stage of the design process.

The plants proposed within the external area match the same species as set within the other Old Vinyl Factory applications. The theme of purple leaved plants has been carried through from concept stage and provides a slightly unkempt look as desired to match the industrial heritage of the Old Vinyl Factory. Plants proposed match the same species as set within the previous Old Vinyl Factory applications except the pallet has been reduced to highlight the quality of hedgerows and individual specimen trees.

Six species of tree have been selected (Paperbark Maple, Purple Beech, Purple Cherry, Paperback Cherry and Rowan) for their colouring blossom and interesting bark. The intense texture and colour will create a distinct character within the external area. All the trees have a slender, clear trunk and a compact crown, enabling easy and clear movement beneath the canopy.

Hornbeam hedging has been used because of its intense changes in colour during the year, its dense habit and its slow growth (resulting in reduced maintenance).

Within the planting beds the planting language of The Groove continues through the external area. The beds have a base of textural grasses, punctuated by purple and white bulbs in spring and annual perennials. This will add additional layer of interest to the beds making the external space an ever changing place to sit and move through.

TREES

Acer griseum	Paperbark Maple
Fagus sylvatica ‘Dawyck Purple’	Purple Beech
Betula pendula ‘Purpurea’	Purple Birch
Prunus ‘Royal Burgandy’	Purple Cherry
Prunus serrula	Paperbark Cherry
Sorbus vilmorinii	Rowan

SHRUBS

Buddleja davidii ‘Black Knight’	Black Night Buddleja
Buddleja davidii ‘Dartmoor’	Dartmoor Buddleja
Buddleja davidii ‘Harlequin’	Harlequin Buddleja
Cornus sanguinea ‘Midwinter Fire’	Midwinter Fire Dogwood
Hebe ‘Mrs Winder’	Hebe

PERENNIALS

Allium hollandicum ‘Purple Sensation’	Purple Garlic
Heuchera villosa ‘Palace Purple’	Heuchera
Stachys officinalis	Betony

GRASSES

Deschampsia flexuosa ‘Tatra Gold’	Wavy Hair Grass
Molinia caerulea ‘Moorhexe’	Purple Moor Grass
Uncinia rubra	Red Sedge

BULBS

Crocus tommasinianus	Crocus
Chionodoxa sardensis	Glory of the Snow

HEDGING

Carpinus Betulus	Hornbeam
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LANDSCAPING PRECEDENT IMAGES



Hornbeam Hedging



Low level planting combined with speciment trees



Plant Bed and bench combination

06.7 SUBSTATION

The substation in a standard sized 3m x 3m structure .

The design and cladding of the substation will be defined by both the architectural and landscaping teams utilizing the mesh fencing and high planting to screen the substation. The aspiration of this substation is for it to integrate seamlessly into the UTC landscaping.



SUBSTATION LOCATION IN ELEVATION



SUBSTATION LOCATION IN PLAN