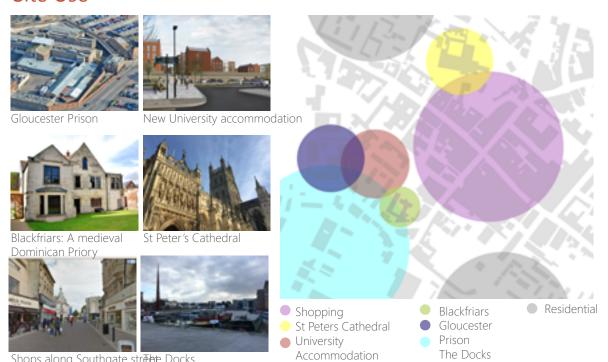


Glevum squares

Gloucester redevelopment

Survey and analysis

Site Use



Architectural and spatial Context

The centre of the city of Gloucester is located between The Docks and the Cathedral and has a vast example of architecture within it with commercial, local government, cultural and residential uses. There are many different eras of architecture throughout history on display in Gloucester from Roman walls and street layout to the Victorian Gloucester Docks. Gloucester has many Grade I and Grade II* listed buildings (shown in Historic and spatial Context Map) such as buildings on Brunswick Road, used as the

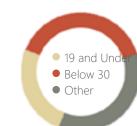
library and museum, as well as two outstanding 12th century friaries – Blackfriars and Greyfriars, which are key historic architectural buildings that are important to Gloucester's history. Many buildings with religious or secular uses, date back to between the 11th and the

19th centuries such as several very early medieval churches like St Mary de Crypt on Southgate Street, St Nicholas' Church on Westgate Street, St John the Baptist along Northgate Street and St Michael's Church where only the tower remains on Eastgate Street. There is a survival of several medieval stone undercrofts, associated with wealthy merchants' houses and several outstanding timber-framed houses of the 15th-17th centuries. All these buildings build up a historic character of

the whole centre of Gloucester and collection of materials that are used to make them. Brick with stone becomes a prominent material throughout Gloucester and creates an sense of identity and place



Site Users



•Population: 128,500

 High population density

•Diverse city with black and minority ethnic population at 13.4%

 Approximately 100 languages and dialects

 Relatively young city with 25% of the

Eating/ Drinking Meetina Work/ Business

Shopping University/ Schools Residential

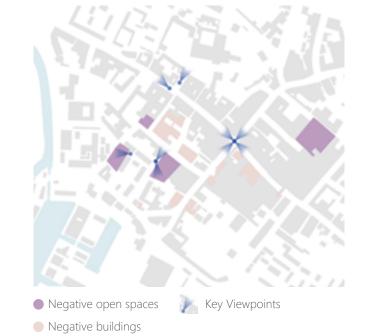
Site Links

Mapped out routeways showing the small amount of pedestrian roads, located mainly along westgate street around the shopping areas, with small paths south and north branching off. Possibility to remove some vehicular roads to make the site more pedestrian friendly. High level of car parking gives flexibility to remove some if needed.



Site analysis

The site analysis map presents some of the negative buildings and open spaces of the site that present possible opportunities and also possible constraints when designing. It also shows key view points within the site which are important



Ecology

Very low amounts of planting or green space within gloucester centre and around the site. Only green space around the Cathedral. Consideration for new green areas and more planting key in design. Key trees along LadyBellegate Street and the south end of Berkley Street.

Within the City Centre the topography is largely flat with the high point close to the crossing point of the four main streets There is a steeper drop occurring on the west side of Ladybellegate Street. The change in gradient is also particularly noticeable along Westgate Street, which drops gradually towards the river and the historic quay area.



History and spatial Context

Gloucester was a Roman City formed around AD 81 after the Roman fortress that was established at Kingsholm around AD 48, that acted as the frontier between Roman Britain and unconquered Wales, was dismantled and a Colonia, a city where soldiers retiring from the army were given land as a form of pension was created to the South, this was called 'Glevum', what we now know as Gloucester.

This period saw the establishment of a rectilinear street pattern that still underlies the historic centre of Gloucester today. The Cross, marking the centre of today's city, also stands on top of the focal point of the Roman city. Northgate Street and Southgate Streets lie directly on top of the main Roman road through the city. London Road also follows a Roman alignment, turning north easterly to join Roman Ermin Way (today's A38 Barnwood / Hucclecote Road). Ermin Way itself is aligned on the original fort at Kingsholm.

This Roman history and street layout is something I think is very prominent in its identity and feel of the place, as well as its materiality with heavy use of brick and stone. Design could enhance this character, placing emphasis on specific types of Roman spaces.

The Via Sacra is a pedestrian route that roughly follows the line of the Roman walls enclosing the old town. Beyond Westgate Street, it follows Berkeley Street, then skirts the remains of the Blackfriars Dominican priory, St Mary De Crypt Church, and the ruins of Greyfriars, before continuing to the cathedral via College Court. It was a concept which celebrates Gloucester's Roman History. However in many areas, the paving or the surrounding landscape are in need of enhancement.



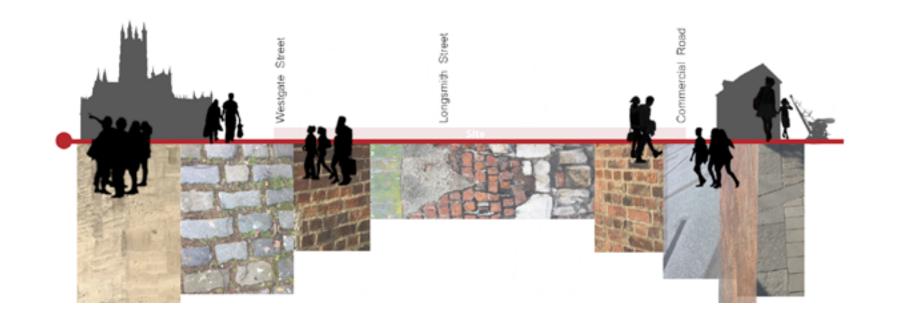
Materiality

Gloucester's rich history means that there is a variety of materials used throughout the city centre. The survival of several medieval stone undercrofts, associated with wealthy merchants' houses and several outstanding timber-framed houses of the 15th-17th centuries stand within mostly bricked buildings and a brick and stone paved centre, also with early medieval churches made of stone, most notably St Peters Cathedral and surround. This brick and stone use should be enhanced and celebrated within the design, creating special areas that connect Gloucester, especially in areas that have become run-down or lost their identity to the more 1930s and post-WWII developments that have ruined the historic streets, with large concrete block buildings.



Concept Mapping

The concept map shows a section line starting at the Cathedral to the north of central Gloucester to the docks, at the south. The rich materiality of Gloucester is something that is personally very striking and at the forefront of its identity, which I've presented below the section line, blending the different materials to show the use of bricks and stone that make up Gloucester. More effective areas like the Cathedral and docks have the more crisp stone finish to them which are presented below these points. The central area between Westgate street and commercial Road is more confused and messy as lots of these areas have become run-down and confused with the addition of newer poor quality buildings like the concrete telephone exchange and run-down derelict brick buildings around blackfriars. People along the section show areas such as the Cathedral and docks being used by people for sightseeing or shopping as well as westgate being used for shopping. However it presents the lack of activity currently on the site, with people facing outwards of the site as its become undesirable to be within as its become run-down with a heavy lack of activity. The design should address this issue creating spaces and streets that encapsulate the materiality effectively to create continuity throughout Gloucester centre and create spaces for more activity then just walking and shopping, to encourage people to spend





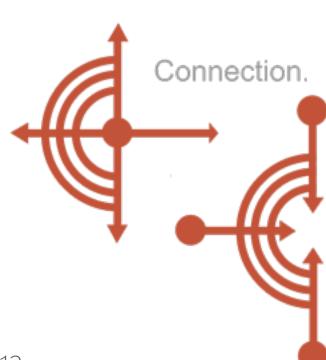
Concept

The city of Gloucester owes its name, location and much of its physical layout, to nearly five hundred years of Roman occupation. The city's Roman name was Glevum, and was a Colonia, a very special high-status city, one of only four to be established in Roman England. Its military origins were reflected in its huge walls, gates and regular grid street layout and was a great cultural city, boasting impressive civic buildings, imposing statues, forum and baths.

The existing street pattern of today's city centre often follows that of Roman Glevum which influence the vision of the design that is to enhance Gloucester's historical identity and create continuity through the city centre, celebrating this Roman history and street layout. The vision is centred around the creation of new squares and streets that are inspired by Roman Glevum (Gloucester) and Roman spaces such as the Cavea and forum. Design will be informed using the main spatial features of these spaces to create successful public squares, becoming the 'Glevum's squares' for the whole of the cities community.

The cavea, which in Roman times referred to the seating sections of Roman theatres and amphitheatres will inspire the inclusion of an amphitheatre within one of the Glevum squares that's cavea and open space within can become a multifunctional space and hub of activity for the use of performance, a place to watch events, as well as tying together the Docks and Blackfriars, to the High street and Cathedral as a central focal space.

As well as this Roman space, the Forum, an open area space that was historically surrounded by several important government buildings at the centre of a city serving as a public marketplace, in which commercial, religious, economic, political, legal, and social activities occurred, will Inspire the idea of a public marketplace and open area incorporated within the 'Glevum squares'. A square will be inspired by the layout of the Roman forums and sit within the space of the proposed demolition of the telephone exchange building on the corner of Berkley and Bearland Street, a large concrete post WWII building that currently overbears the surrounding historical buildings like Bearland House, Ladybellegate House



and the courthouse. This will open up space for an open area just off Gloucester's Westgate high street to become a market area for shopping and eating, while maintaining a Roman forum style open layout used for leisure and relaxing within, surrounded by some of Gloucester's historical and important buildings

The design should consider the rich current palette of materials within Gloucester, such as stone and ceramic building materials, but also have a contemporary edge that updates and refreshes Gloucester centre, as well as the inclusion of more much needed green space and planting.

The concept images below shows a conceptual visual of how the amphitheatre and forum squares will improve as well as function as public squares and spaces within Gloucester. The three graphics all contain a tiered semi circular shape that represents the amphitheatre with the central point representing the cavea and open space used for activity and events. Each graphic differs slightly representing a different contribution the space will offer to Gloucester, each annotated with one summarising word, 'Connection', 'Focus' and 'Performance'.

'Connection' - Represents how the amphitheatre aims to connect all the sites of Gloucester such as The Docks and Blackfriars to the High street and Cathedral. The circle within the centre branches out like the The Cross within Gloucester and arrows point out to the rest of Gloucester.

'Focus'- Represents how the amphitheatre aims to become a focal point and focus within Gloucester. The arrows point inwards to the cavea signifying how people from within the city will come into the site to use the space.

'Performance' - Represents the amphitheatre use.
The amphitheatre square will be a multifunctional space for community events and activities as well as use for performance of live music, theatre or the display of sporting events. This is presented by small arrows from the centre of the amphitheatre that evoke the idea of the performances and activity that will bring the space, and Gloucester to life.

Focus



Performance.





Sustainable housing development

AD5603 Cultural Context: Environment and Legislation Cheltenham Introduction

lhis document carries out a Landscape Character Assessment report of Leckhampton glebe, a site vulnerable to de relopment threat, notably for large-scale residential use.

The most recent planning application for the site was rejected, and the developers will now be considering further options. The application was refused by the planning committee on various grounds including that it pre-empted the completion of the Joint Core Strategy; it pre-empted a bid to get the land designated as local green space; it would significantly and adversely add to existing traffic congestion; and, it would have a significant adverse impact on the character of the landscape and the adjoining area of natural beauty.



Fig. 3- Image of Moat cottage

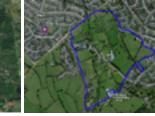


Fig. 4- Image of pig field (North West of site)



The brief is to produce a report and a design proposal for the site of Leckhampton Glebe including the

- Country Park with Nature Interpretation Centre:

Cheltenham is a regency spa town and borough which is located in Gloucestershire. England, It has a high number of internationally renowned and historic schools, as well as hosting several festivals of culture number of internationally renowned and historic schools, as well as hosting several restivals of culture, these include Literature Festivals, as well as Jazz, Science, Music and Food & Drink Festivals. Its most nototrious event being the British horse racing Gold Cup, which is held every March. Cheltenham sits in an attractive setting on the edge of the Cotswold escarpment and the Severn Vale. It should be protected and only appropriate enhancement of this setting should be encouraged. New development must abide by policies relating to new development in the AONB or Green Belt which also cover all of the countryside areas within the Borough. So, where appropriate the quality of landscape must be taken into account when proposals for development are assessed, in order to ensure that character and visual amenity are conserved and whome sensible are breast.

Leckhampton

eckhampton is a district in south Cheltenham, around 1 mile south of the centre (Shown in Fig. 1). In a Lectinampton is a district in sount differentialit, around it fine sount on the center (south in Fig. 1), in a census carried out in 2011 the population of the (wil) parish was 4,409. The town has a rural character and is bounded by the Cotwoolds Escarpine to the east, and the village of Shurdington to the south. It has been safeguarded for generations, with the time predaint Chetchenham. It provides valuable farming land

Leckhampton Glebe

eckhampton Glebe is the site of the proposed development. The site is approximately 70 hectares of mixed

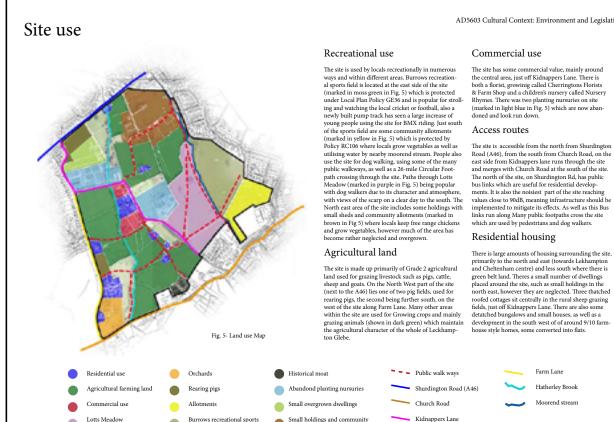
Brief

ollowingww:

- Development within the context of 'Sustainable Living'
- Central community hub with facilities,

Country Yark with Nature interpretation Centre; Primary, secondary and tertiary vehicular routes; Pedestrian/Cyclist circulation routes; A sustainable drainage proposal associated with the housing and open space network.

AD5603 Cultural Context: Environment and Legislation Site use Recreational use Commercial use ways and within different areas. Burrows recreational sports field is located at the east side of the site (marked in most green in Fig. 5) which is protected under Local Plan Policy GE36 and is popular for strolling and watching the local cricket or football, also a newly built pump track has seen a large increase of young people using the site for BMX riding, just south of the sports field are some community allotments (marked in light blue in Fig. 5) which are now abandoned and look run down. (marked in yellow in Fig. 5) which is protected by Policy RC106 where locals grow vegetables as well as The site is accessible from the north from Shurdington utilising water by nearby moorend stream. People also Road (A46), from the south from Church Road, on the use the site for dog walking, using some of the many public walkways, as well as a 26-mile Circular Foot- path crossing through the site. Paths through Lotts Meadow (marked in purple in Fig. 5) being popular with dog walkers due to its character and atmosphere, with dog walkers due to its character and atmosphere, with views of the scarp on a clear day to the south. The North east area of the site includes some holdings with small sheds and community allotments (marked in brown in Fig 5) where locals keep free range chickens and grow vegetables, however much of the area has become rather neglected and overgrown. ments. It is also the nosisest part of the site reaching values close to 90dB, meaning infrastructure should be walker long left. As well as this Bus links run along Many public footpaths cross the site which are used by pedestrians and dog walkers. Residential housing Agricultural land The site is made up primarily of Grade 2 agricultural land used for grazing livestock such as pigs, cattle, sheep and goats. On the North West part of the site (next to the A46) lies one of two pig fields, used for reaction pine, the accord being further coult on the rearing pigs, the second being further south, on the west of the site along Farm Lane. Many other areas within the site are used for Growing crops and mainly within the site are used for Growing crops and mainly other areas within the site are used for Growing crops and mainly other areas within the site are used for Growing crops and mainly other areas within the site are used for Growing crops and mainly other areas within the site are used for Growing crops and mainly other areas within the site areas to the site of the site grazing animals (shown in dark green) which maintain the agricultural character of the whole of Leckhampton Gilebe. Fig. 5- Land use Map Historical moat Public walk ways Farm Lane Hatherley Brook Abandond planting nursuries Shurdington Road (A46) Agricultural farming land Rearing pigs Moorend stream Church Road Small overgrown dwellings Kidnappers Lane



Hydrology

Historical listed buildings

History



Fig. 7- Flood Risk Map

First recorded in the 9th century, Leckhampton was originally the vege-table farm and home farm for the Anglo-Saxon royal manor of Chelten-ham. The word is now generally considered to mean, 'homestead where leeks (meaning any kind of vegetable) are grown.' Today the site still holds this farming and agricultural character that is rooted in its history, something important to protect and maintain in any proposed develop-



ment. Leckhampton Hill is an AONB located south of the site and an area with rich history dating back to the Iron age, when it was one of a series of impressive Iron age hillforts along the cotswolds. The hillfort was a defended settlement inhibited by the Dubonii tribe. Much later, quarrying for stone took place over a period of 300 years from the early 1600s until the 1920s resulting in the famous Devil's Chimney formation. Post quarrying of the Leckhampton hill saw the whole site being bought by Cheltenham Town council in 1927 and then opened to the public in 1929. A radar station was built in 1939, used in WWII, however was demolished in 1959. The site was cleared of over grown vegetation by Cotswold volunteer wardens in 2012, preserving its condition as well as its character.

Historical listed buildings
The site is an area holding great historical value and has multiple grade
Il listed buildings and areas within. Two grade II thatched cottages
(Moat Cottage and Field cottage shown in Fig. 6) date back to the 16th
Century sit to the south of Ködnappers Lane within idyllis sheep grazing
land, glorifying the sites historic agricultural character as well as boasting scarp views. A protected medieval moat which dates back to the 14th
century (protected by Local Planning Policy BE43) and is next to ancient
fish-ponds, is located on the south part of the site (Shown on the Fig. 6
below. There are two more grade II listed buildings located to the south below). There are two more grade II listed buildings, located to the south west of the site (Leckhampton Farmhouse and West Barn House) within a small housing estate on Leckhampton farm court of around 12 houses, in keeping with a farmhouse style and use of local stone and materials.

periods of increased precipitation of the year, areas on site are succeptable to flood risk (Shown in Fig.7 above), most notably, areas within Lotts meadow and the field to the north.

Hatherley Brook is the main water course on site, it flows from South to North through the West part of the site crossing Kidnappers lane, about halfway through the site, as well as the A36 Shurdington Road and continuing north into areas of Hatherley. The majority of the water course is enclosed by established vegetation containing mature native trees which creates a green corridor through the west part of the site (shown on Fig. 9) meaning flooding has a low impact, staying localised in the water course and small 'v' shaped valley.

Moorend Stream is the water course that flows through the East part of the site. It is smaller in comparison to Hatherley Brook, that flows throught the west of the site. Moorend stream flows between Burrow's

Wednes



with impeded drainage throughout, making the site prone to flood risks, as surface waters infiltration rate is slowed. There is two striations of the sports recreation field and Lott's Meadowand (shown in Fig.7 above). It clayey soils (shown in Fig. 8 above), one to the west and one in the north is enclosed by a thick vegetation belt towards the Northern part, which east corner. This correlates with the flood map (Fig. 7) showing flooding contains tree species such as Willow, Oak and Ash and a thinner belt of vegetation towards the South part of the site. Drainage ditches run along the edges of fields and under a number of hedgerows which gives drainage to the stream and multiple fields surrounding. However during the area. The striation of lighter, more loamy sandy soil runs centrally up through the site and south east corner at the allotments and Burro periods of increased precipitation of the year, areas on site are succeptable recreational sports field. The soil, which contains low amounts of nutri-ents is predomintly used in agricultural grazing fields rather than arable

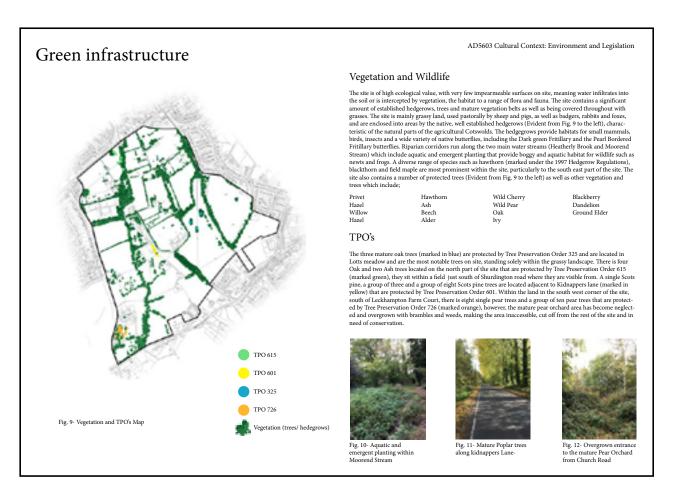
AD5603 Cultural Context: Environment and Legislation

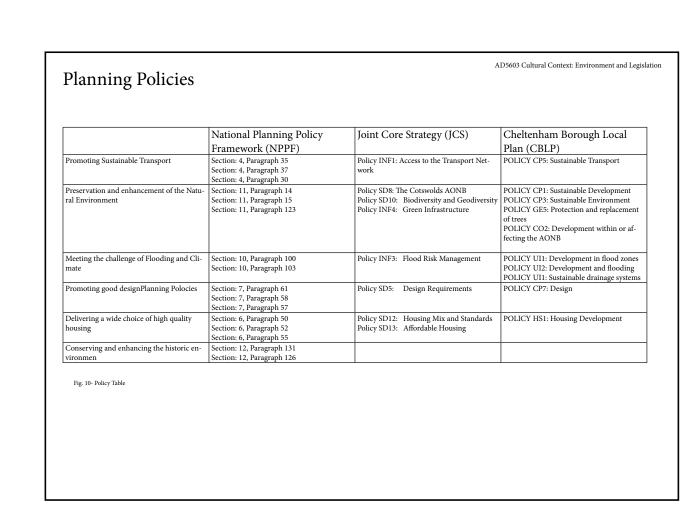
Loam/ Sand Peaty Silt

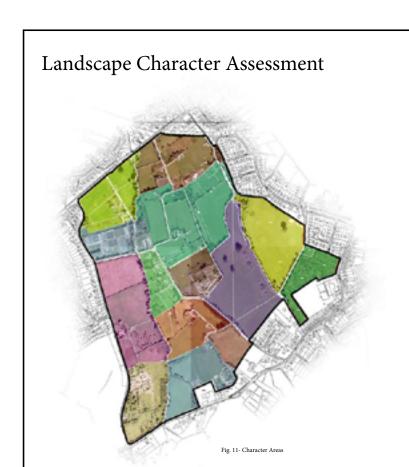
Contour Lines

Landform, Soils and geology

The site is located at the foot of the cotswold scarp. The scarp, made up The site is located at the loot of the cotswold scarp. The scarp, made up of limestone rock, allows precipitation to percolate through and travel via through-flow down towards and through the Leckhampton Glebe site which slopes down from the 90m contour (shown on Fig.8 above) on the South side, to the 70m contour mark at the north. Because of this the site is often saturated and prone to regions of flooding and boggy







AD5603 Cultural Context: Environment and Legislation

 Large flat fields, divided by small hedgegrows, used primarily for pig farming •Rural agricultural smells
•Enclosed by wooden fencing and hedgerows along the A46 boarder to the north and along Kidnappers Lane Road to the west.

and adoig Kulingpers came Robat to the west.

Partial Scarp views

Hatherley Brook runs through the east of the area and forms a 'v' shaped riparian corridor with a series of notable trees and hedgerow along South side

•A46 in near proximity means there is high levels of noise pollution

 Views from residential houses across A46 (to North) of AONB looks across area. •Loss of Agricultural farming land, characteristic of •Presence of TPO615 trees

 Livestock and farming character
 Opportunities:
 Flat land to develop on
 Good Access to the Transport Network from Kidnappers Lane and A46

 $\underline{\text{Area 2}}$ *-large flat fields, divided, in parts by hedgrows, wooden fences and a small variety of Poorly maintained vegetable plots have an exposed feel with derelict caravans and nall holdings within brambles and invasive species Area adjacent to the A46, means there is high levels of noise pollution

•Public footpath access through east of area, along Moorend stream



Sensitives:

•Walkers views of AONB along footpath

•Small vegetable plots, and small holdings agricultural characteristic

•Small holding owners and residential property owners to the East and to the North of A46 and of AONB

•Flooding risk to East side from Moorend Stream

(Shown Fig. 7)

•Flat land to develop on •Good Access to the Transport Network from A46

•Implimenting SUD systems to development

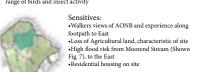
cies making the site hazardous and off limits to public



Views from residential houses across A46 (to North) of AONB across area.
 Kidnappers Lane to south is too thin for easy two-way access

Area 4

•Level fields, divided by well established hedgrows, used primarily for grazing livestock
•Rural agricultural smells and only faint noise of A46 in the distance
•Public footpath access through east of area, along Moorend stream and west to east through the area to Kidnappers Lane
•Moist ground surface, prone to flooding provides good habitat for a wide



•Flat, derelict and abandoned planting nursury for different agricultural uses, seperated in parts by hedgrows, wooden •Broken poly-tunnels, pots and glass lie within brambles and invasive spe-Area next to busiest section of Kidnappers Lane means there are medium
•Rural agricultural smells from pig farm at the south west of the area and

> along footpath Loss of Agricultural land, characteristic of site and commercial value
> Views from residential houses Along Farm



•Riparian corridor from Hatherly Brook to the West

other mature vegetation
•Residential and commercial property

Opportunities:

•Connect the north of site to south country park side •Good Access to the Transport Network

 Broken machinery, equipment and glass lie within old warehousesand . Poorly maintained planting plots have an exposed feel that are surrounded by some tree vegetation and drainage ditch hedgegrows

• Area adjacent to Kidnappers Lane, means there is levels of noise pollu-



•Flooding risk to East side from Moorend Stream (Shown Fig. 7)

Good Access to the Transport Network from Kidnappers Lane
 Implimenting SUD systems to development

•Low levels of noise pollution to the south located near Kidnappers Lane



•High flooding risk throughout the site East side from Moorend Stream (Shown

Track, that are used retentionally and cut off from the rest of the site and in need of conservation.

Are adjacent to the Church road and Farm Lane, means there is high levels of noise pollution, despite mature headrows surrounding levels of noise pollution, despite mature headrows surrounding.

**In a case the section of an and the section of the site and in need of conservation.

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**Only faint noise can be heard from Kidnappers Lane, which runs to the constraints of the site and in need of conservation.

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**Only faint noise can be heard from Kidnappers Lane, which runs to the constraints of the co of Moorend stream to the West and large, mature hedgegrows surrounding

Public footpath access along the south of the area towards Moorend

Hatherley Brook runs along the East of the area within a shallow 'v' •small day nursury and car park look across the area from the East



Area 10
-Sloped fields, sloping down to the north and West(Hatherly Brook) dividi-Fields, sloping gently down to the West, used primarily for grazing live-

Area 9
-Plat, open field with football and cricket pitches as well as a BMX pump track, that are used recreationally for sport and leisure by clubs and general public

Area 11
-Neglected mature pear orchard within reletively flat area of land, that has become overgrown with brambles and weeds, making the area inaccessible and cut off from the rest of the site and in need of conservation.

Area 13
-Level field, used as a horse paddocks segregated using plastic posts and to the part of the site and in need of conservation.

The area has an agricultural feel and smells, despite being slightly neglect
The area has an agricultural feel and smells, despite being slightly neglect-

East of the site, due to estabilished hedgegrows and Mature poplar trees shaped riparian corridor and a high number of trees and overgrown bram-bles making it feel enclosed

AD5603 Cultural Context: Environment and Legislation

Opportunities:

-Developing the area as part of a country park
with walkways connecting the whole site to Leckhampton Hill
-Good access to the Transport Network from Kidnappers Lane

Wey rural and agricultural feel, with very little noise of Kidnappers Lan

Divided by small hedgrows as well as a thick vegetation corridor to the

•Used by the locals, creating a sense of wellbeing, community and passion to the East
Public footpath access from north to south of the area come through idple
Is sheep grazing land, boasting views of the AONB and past Grade II listed
thatched roof cottages
- Hatherly Brook runs along the West of the area within a 'v shaped riparian corridor between mature trees. a small bridge allows Public footpath
access from here

East, from Hatherly Brook
for self-sufficiency
- Public footpath access the West of area, along Moorend stream, makes
industrial warehouses used for businesses
- To the South East of the area, there is the historic Leckhampton Moat
which is situated opposite St Peter's church and surrounded by a damp
wooded area giving a sense of traditional English woods, with the area having strong smells of earth and nature, with public walkway through
strong smells of earth and nature, with public walkway through

·Loss of Agricultural land and vegetable growing,

characteristic of site •Flood risk from Moorend Stream (Shown Fig. 7) to the West of the area

Providing improved allotments as community

Zoning Plan Community Areas Residential Developments Country Park Development being kept to the north will create a large country park that feels secluded from urban areas. To the West, SUDs will help in creating a Wetland area for recreational uses such as dog walking for the community which begins North of Lotts Meadows with paths south through it. To the east more of the agricultural characteristic and history will be enhanced and ex-

library, as well as open space in front for childrens natural play. The hub will bring people together as well as providing opportunities for social and physical walking and cycling routes to the park. ealth and well-being within the area. (INF5, 5.5.1). A new allotment community area will be next to the ne south west, enhanced from the old, overgrown ne. (INF5, 5.5.3). All new social and community

ntrastructure is centrally located to the community and is easily accessible on foot and by bicycle, via the xtended kidnappers Lane and public paths through he country park and the housing is located to be well-erved by public transport along the A46.

site within areas that haves become run down due to small holdings and neglected ownership. As well as having road access from Shurdington Road and Kidnappers Lane make them ideal to develop on. The ties. ss visual impact on the AONB then the southern side Road network

to the North East of the site, and is placed looking over the large retention lake

Recreational fields

reational facility, offering public space for sports like football, cricket and BMX riding. Access routes from the housing development are important in making the facilities accessible to the community. This is achieved

Primary School

in community building, in a good nearby location The development of a primary school is placed in the old brownfield site of the abandond nursury at the centre of the site. Access to the school will be good from the Kidnappers Lane extension allowing car

Community Allotments

tained and kept for the public to use. However more
All housing is located within land to the North of the
allotments are placed within the community hub, this creates more of an area of social space around the well-being and creating healthy, inclusive commun

The road network through the site has being expand

AD5603 Cultural Context: Environment and Legislation Green Infastructure planning Residential and Community Areas Existing Developments The community orchard in the South West will be conserved planting where needed but still preserving thier views of AONB. overgrown brambles and grasses, creating a natural orchard Primary School and connecting the community with an agricultural space. he residential housing is set within a natural environme of swales and aquatic planting creating a rich biodiversity living with the houses to appreiciate. Swales run through the in the landscape and promotes biodiversity. Community Allotments Country Park placed within current established hedgegrows. Small footpath from the new central allotment will bring locals to one of the SUD retention basins which is useful as a sustainable source of water for growing crops. Vegetation within the country park will be boosted with ome more native species while controlling and managing ome of the many overgrown sections. Screening between Road network it and the housing development is nessecary in maintaining scenic and rural views. Retention basins in the North East allow for flood water from Moorend Stream to create wet-Between Road and cycle lane there will be a planted row of trees and vege tation, screening the two apart, encouraging sustainable transport and bike ands within Lotts meadow and adjecent fields. use as well improving air quality. Mitigation View of and from AONB The view of the site from Leckhampton Hill will be effected by the new development. This will be reduced by the use of green roofs on Noise Pollution dousing to the north is all encased within different vegetation hedgrows around each group of development. This will act as a noise barrier to help reduce the noise for residents as well as creating more privacy for residents. Flooding Retention basins in the North East allow for flood water from Moorend Stream to create wetlands within Lotts meadow and adjecent fields and not flood high value land such as the new development. Traffic Levels Fig. 12- Green Infastructure

Traffic is mitigated with the development of a new road off Kidnappers Lane, North joining the A46. This means traffic will flow different ways and limit the cars at certain junctions. Also the expansion of the roads to two lanes and seperate cycle path, encourages sustainable transport meaning less cars on the road.

Leckhampton Glebe MasterPlan Sustainable Housing Developments 340 Houses set within a landscape of swales, retention ponds and flora creating a natural biodiverse place to live all with private outdoor gardens. 205 low/ medium density housing averaging 20 dwellings 135 medium/ high density housing averaging 30 dwellings Community Farm Small petting farm with pigs and farm animals for the community Retention Basins and people outside the area to use and enjoy, while also being site create woodland wetlands and create more interesting walks for dog walkers and used in education and enhancing the agricultural character the community, as well as having ecological Community Centre A large social and community area and two buildings, between community ran allotments providing health services, community and spiritual support, a library as well as open space in front for childrens nam. Nature interpretation Centre Used to educate people about the area and nature. Building sits within, looking over the wetland area along walking path, encouraging Parking
Car parks are located at people to visit and walk in every major building on site; Orchards, community centre, nature interpretation centre and within the housing development, where there is hidden roadside parking by every Community Allotments Community allotments added in the centre of site by community centre as well as retaining current allotments Agricultural Land Country park with walks down the site through wetlands, orchards and idillic countryside scenery and views of Leckhamp AD5603 Cultural Context: Environment and Legislation Martin Donnelly