



University of
Nottingham

UK | CHINA | MALAYSIA



University Park

Landscape management plan: 2018–2023

University Park Management Plan 2018-23

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Summary

This management plan follows a previous plan that was produced in 2011. This plan is a 5 year plan that covers 2018 to 2023.

It intends to bring together the management, maintenance and development of University Park, in an overall framework. The plan is intended to be both a working document and a reference document. A working document in that it contains actions and timetables that will need to be implemented and reviewed, and a reference document in that the plan does not contain every piece of information needed to run the campus. It provides references to other documents, policies and strategies and explores their implications for the campus. As such, the plan has to be read in conjunction with these documents to manage, maintain and develop the campus.

The plan has been prepared for a number of audiences including University of Nottingham staff, visitors, partner organisations and users groups, such as the Friends of University Park. To make the document accessible to a wide range of audiences I have tried to produce it in a readable and straightforward style.

The revised plan has been brought together by a number of University staff. The following staff have been involved:

Lead Officer: Jamie Whitehouse, Grounds Manager, with assistance from: David Beadle, Grounds Maintenance Manager, David Parkhouse, Assistant Grounds Maintenance manager, Greg Smith, Grounds Maintenance Manager (Sport), Stewart Greenway and Simon Robinson, Team Leaders for University Park, Gavin Scott, Environmental Manager, Stuart Croy Assistant Head of Security and Rachel Feneley from Nottingham Lakeside Arts.



The Location

University Park is situated just three miles from Nottingham's City centre and is easily accessible from the M1. There are four main vehicular routes into the park and several minor pedestrian routes. It is served by a number of bus routes and the second phase of Nottingham's tram system passes alongside the edge of University Park giving excellent access.

The postal address of the site is:

The University of Nottingham,
University Park,
Nottingham,
NG7 2RD

For visitor information and directions, go to: <https://www.nottingham.ac.uk/about/visitorinformation/mapsanddirections/universityparkcampus.aspx>

If using a satellite navigation, use NG72QL

There are 3 main entrances into University Park :

North Entrance— Off A52 Clifton Boulevard & Derby Road roundabout

South Entrance—Off A6005 University Boulevard

West Entrance—Off Woodside Road / Broadgate Road roundabout

University Park is the main campus of the University of Nottingham. It is both a park and a community in itself. Whereas most parks are contained within towns or cities, a university campus is like a small town located *within* a park where **people live, work and 'play'**. **University campuses experience all the problems of small towns such as traffic, vehicle parking, deliveries, service installations and logistics, vandalism and litter, building developments and roadworks, but inside a green, landscaped environment. Equally there can only be a few 'garden cities' that have as much green open space as many university campuses.**

The northern boundary of the park is the A52, which separates the University from the grounds of Wollaton Hall, another major green open space. To the south is the lake and Highfields Park, which is split by University Boulevard and then Beeston Sidings Nature Reserve. All of these are managed by the local authority with whom we have close links.

At the south entrance to the main campus lies the Lakeside Arts Centre, the **University's public arts facility and performing space. The D.H. Lawrence Pavilion** houses a range of cultural facilities, including a 225 capacity theatre space, a series of craft cabinets, the Weston Gallery (which displays the University's manuscript collection), the Wallner gallery, which exists as a platform for local and regional artists, and a series of visual arts, performance and hospitality spaces. Other nearby facilities include the Djanogly Art Gallery, recital hall, and theatre, which in the past have hosted recordings and broadcasting by BBC.

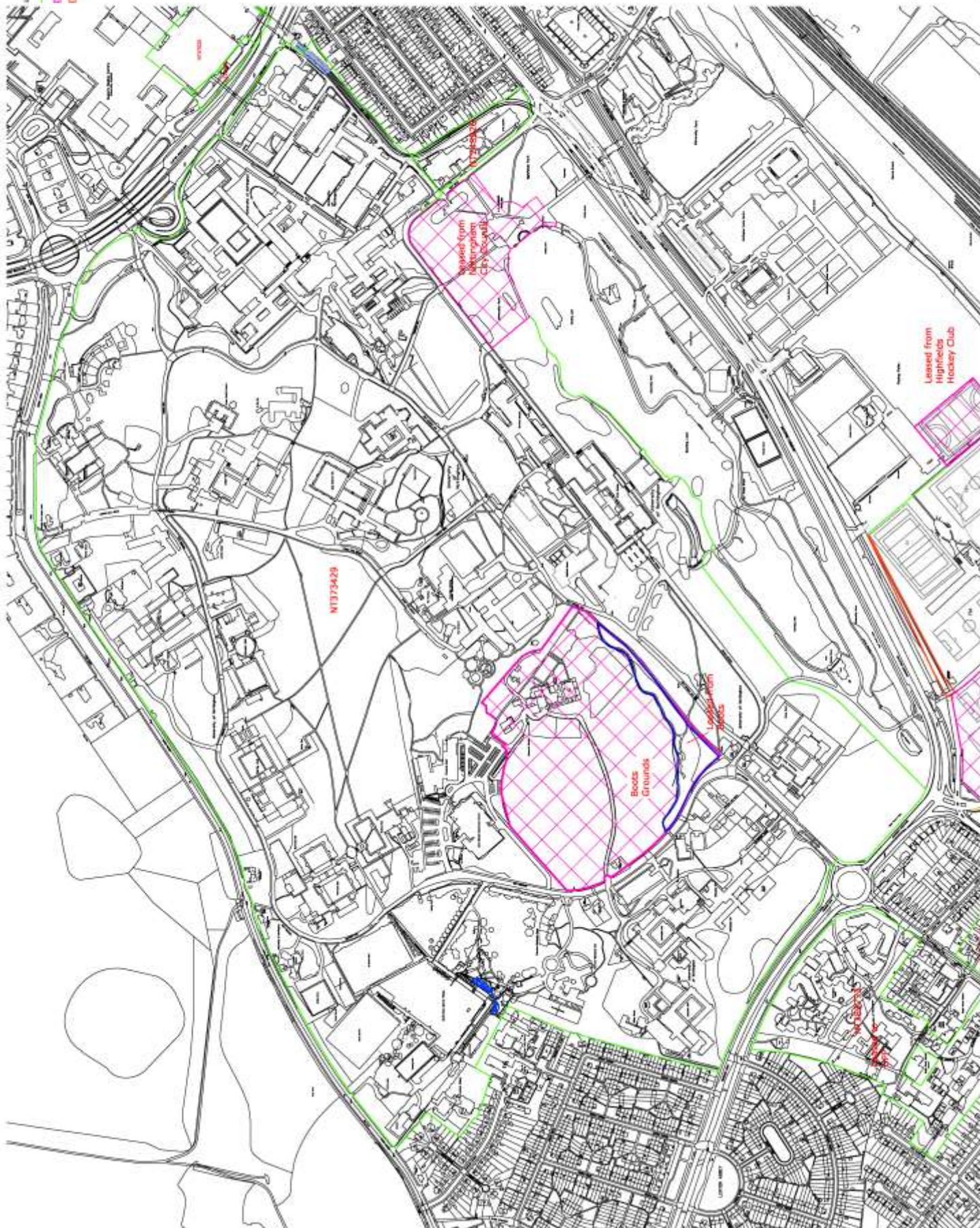
Notes

Legend

Land Registered to The University of Nottingham

Land within both boundaries not registered to UoN

Land that is now handed over to the City Council



The Estate Office

University Park Boundary's

Nottingham

NG2 2RD

14 May 2010

NT5



Section 1: History and Development

Section 1 History and Development

1.1 Site History

The origins of University Park date back to the 12th Century. At this time the land was owned and managed by the Cluniac monks of Lenton Priory.

Lord William Peveril, the custodian of Nottingham Castle laid the foundations of Lenton Priory in 1108 close to the River Leen and within sight of Nottingham Castle. **The Priory was an 'alien house' in that the Cluniac monks were directed by the Abbot in Cluny, France until they formally cut ties with France in 1393.**

The Priory's land or demesne was predominantly used for crops and grazing. Highfields Park Boating Lake is thought to occupy the site of a former fishing pond. Over the next three centuries the monks of Lenton Priory grew in land, wealth and power until the dissolution of the monastery by Henry VIII in 1538.



Sir Michael Stanhope (Image Left) and Lenton Priory Church (Image Right)

In 1539 the Crown gave the priory's land to Sir Michael Stanhope. In the 17th Century the estate passed to absentee landlords and was let to local farmers for stock grazing.

In 1798, two Leicestershire bankers named Thomas Pares and Thomas Paget purchased much of the estate for £34,000. Pares and Paget set about subdividing and selling off the land to wealthy businessmen to allow them to build their own houses and estates. The first buyer, on the 5th April 1798, was James Green, who was to build Lenton Abbey House. By the 11th June the Nottingham banker John Wright had purchased land for building, Lenton Hall and Joseph Lowe had secured land for the Highfield Estate. So, began the residential development of the area known as Lenton Park.

A number of prominent buildings and villas such as Highfields House, Lenton Hall, Lenton Eaves, Lenton Abbey and Paton House to name a few, occupy University Park to this day. Many are Listed Buildings and are used by the University for teaching or accommodation. Of these the Highfield Estate has played the most significant part in the history of the park. Its sale to Jesse Boot in 1919 marked the end of an era of subdivision and construction by wealthy businessmen, as in 1926 Boot donated the estate to the University.



Ordnance Survey of 1901, 6 inch Nottinghamshire

1.2 The Birth of University Park

The University received its charter in 1948 and was the first to be recognised in this manner after the Second World War. It was originally located in the city centre. Between 1919 and 1921 Jesse Boot purchased a number of adjoining estates on which he had planned to build a model factory community in the style of Bourneville or Port Sunlight. However, his fellow directors did not share his altruism and the project never went ahead. Instead he gave half of the land to the city for the development of a public park, Highfields Park, and the other half to the then Nottingham University College.

Jesse Boot engaged with architects and engineers to plan and construct the adjacent University Boulevard, the lake separating the majority of Highfields Park from the earliest University buildings. These buildings included the Trent Building on the University site and the Lakeside Pavilion and Lido within the Highfields Park grounds.



The Trent Building under construction, prior to the iconic clock tower being add-

When the University commenced construction of its campus in the green area at the edges of the city, it was criticised by some for its elitism, as it was the first of the campus universities as we now know them. By others it was applauded and the illustrated London News of July 1928 produced a two page pictorial **spread showing various facets of university life under the heading 'A Young University in a Park.'**

The new campus was officially opened on 10th July 1928 by King George V and Queen Mary.

Over the years various adjoining estates and farms were added, building the campus up to the size of the current site which is around 300 acres. Some historic houses with traditional gardens were added, most of which remain largely intact. One of the oldest is Lenton Hall, built in 1792 and now a part of Hugh Stuart Hall of Residence. The later Lenton Hurst was the home for the John Player family for some years and boasts the Jekyll garden.



University Park Campus viewed from the West, to the South is Highfields Park Lake



Dig for victory : University Park being used to grow fruit and vegetables for the war effort during the Second World War.

1.3 Modern Development

In 1997 the University made a landmark decision not to overdevelop University Park and purchased the old Raleigh factory about two miles from the main campus. This brownfield site has been developed as a model new campus, with high environmental standards. The Queen opened Jubilee Campus in 1999.

In March 2005 the University took ownership of the old Carlton Studios site, **which is now known today as King's Meadow Campus and houses many of our administrative departments.**

The result of these additional sites has been a considerable easing on development in University Park. Recent developments have concentrated on replacing older poor buildings with those of a higher standard. Well-designed, environmentally friendly, multi storey buildings have replaced old single story buildings in the Science area. These include the Boots Pharmacy Building and the Bio-Molecular Sciences building, both fronting Clifton Boulevard with quality landscapes and water features.

The old Lakeside Pavilion was replaced by the Lakeside Arts Centre as part of an agreement with the city council. Its unique design resulted in a national Civic Trust award. This highly successful building offers a public centre midway between University Park and Highfields Park. It offers a number of public arts events in its small theatre as well as galleries, a restaurant and public toilet facilities. It was extended in 2005.

All new buildings are complemented by landscape schemes, mainly designed in-house. Developments in the Science area have introduced landscaping and trees, where previously there was none. A major extension to the Portland building was completed in 2003 and this was followed by the demolition of the old wartime single storey building. The cleared area is steeply sloping and has been landscaped with turf, trees and wildflowers with picnic benches for rest and dining during good weather. The area, known as Portland Hill has been further landscaped in 2017, with an upper and lower plaza, central cascade a sky canopy planted with formal hedges, evergreen and deciduous flowering shrubs, perennials and bulbs offering visual interest all year round.

In recent years the University has completed the following projects: Humanities Building in 2011, Mathematical Sciences in 2011, Engineering & Science Learning Centre in 2011, The Orchard Hotel in 2012, Science & Engineering Library in 2016, and David Ross Sports Village in 2016.

Further information can be found in The Estates Strategy 2015 to 2025
<https://www.nottingham.ac.uk/estates/documents/homepage/estatesstrategy.pdf>

Further information about the history and development of the University of Nottingham can be found in a book entitled 'Nottingham, a history of Britain's global university' by Professor John Beckett.

The plan below illustrates the University's Capital Programme Strategy 2015 until 2020.



Section 2: Landscape Highlights



Section 2 - Landscape Highlights

2.1 An award-winning Landscape

University Park has always been regarded as an important open space within Nottingham and is one of the best university campuses in the UK. It is well endowed with horticultural features and its overall parkland style might be **described as classic 'English Landscape'**. Although not wholly characteristic of classic 18th century parks, it has many of the main components such as rolling grassland, individual and clumped trees, various shrub groups and water features. In particular it benefits from the adjoining lake that divides it from Highfields Park.

As with everything else it does, the University strives for excellence in its landscape, for example its recent success in the local Nottingham in Bloom, East Midlands in Bloom, and the achievement of local and National Civic Trust Awards and Bali Awards. Since 2003, we have annually achieved the much-coveted Green Flag Award status, being the first University to both enter and achieve this award.

The status and publicity of the Green Flag has, in itself, encouraged further development and investment. All new buildings benefit from a landscape design process, large build projects adopt the BREEAM Environmental Assessment and Award, now a strategic requirement of the University development policy, the Grounds Section provide design services for the new buildings.

More recently, in 2017 the University of Nottingham have achieved 'Best Outdoor Space' in the Academic Venue Awards and in the Institute of Groundsmanship (IOG) awards, the Best Maintained Artificial Pitch.



The planting policy is fairly eclectic emphasising the University's wide interests and international status. Although native plants are used, in such an international community, it is very appropriate to use a range of exotics from around the world, particularly as it's the vision of the university for the Park to become a regional arboretum with a diverse plant collection.

2.2 North Entrance

The most public horticultural showcase is the display garden located at the North Entrance, beside the main A52 roundabout. This area is passed by thousands of cars and pedestrians every day. It was originally adopted as a formal display area in 1993 and then subsequently redesigned in 2001 to a more contemporary arrangement of informal beds for seasonal bedding backed by a border of exotic style shrubs, bamboos and grasses, these are complemented by white boulders and areas of cobbles.

The background is of particular value in winter months, when there is less interest in the display beds. The bedding for this area is carefully designed to give maximum impact but to use a wide range of less common plants. It is widely appreciated and has won many awards in the local Nottingham in Bloom competition; most recently the Nottingham in Bloom Best Business Award.

2.3 Lakeside Walk

The Southern boundary of University Park is the lake that adjoins Highfields Park North shore. The remainder of the lake is managed by Nottingham City Council. In agreement with the city council, the University constructed a lakeside walk which allowed pedestrians to circumnavigate Highfields Lake. The path has been of considerable benefit to visitors enjoying University Park and Highfields Park.

There are some excellent vistas from the North shore footpath that has increased use of the parks by the local community. The walk and interpretation units are just one example of partnership working with the city council. The University has been working in partnership with Nottingham City Council Park Services to improve the North shore of Highfields Park, reducing undergrowth density and opening up waterside areas as part of the Highfields Park HLF project to restore the park, which commenced on site in 2017.

There are a number of themed gardens and particular areas of high horticultural interest which can be found at University Park, which include:

- Millennium Gardens
- Highfields Walled Garden
- High Stewart House Garden
- Old Botanic Garden
- Lenton Firs Rock Garden
- Jekyll Garden
- Trent Parterre Gardens
- Theatre Gardens
- Portland Hill Cascade Gardens



Above— North Entrance seasonal bedding scheme
Below— West Entrance seasonal bedding scheme

2.4 Millennium Garden

Lord Dearing, Chancellor of the University formally opened the garden on Tuesday 4 July 2000. The garden has been recognised with a British Association of **Landscape Industries' award, a local Civic Society commendation and a National Civic Trust Award.**

The design, based on a time theme, is bold and exciting with lots to see and interesting places to sit. There is ample access for disabled visitors; consideration for wildlife and the overall scheme is quite unique. A central pathway leads the visitor into the garden and onto a series of interconnecting circular pathways.

The layout of overlapping circular areas forms a striking pattern within the centre of the garden. There is also a raised mound with clipped box hedges, which overlooks the garden and provides views of the pool. The focal point of this feature is a stone sculpture by Peter Randall-**Page entitled 'Flayed Stone'** and carved from a single piece of glacial granite.

The far end of the garden is finished off with a blue brick and turf maze. This ancient garden feature symbolises the rooting of knowledge in antiquity. Views from here look out across the meadows to the halls of residence and the distant **housing. Here the design emphasises the University's open attitude to learning and knowledge and its involvement in the wider community.**

There is a formal pool with fountains, which 'tell the time' and steel bridges to a central island. These are set low, almost on the water, creating a strange feeling of 'walking on water'. **An existing specimen of *Ailanthus altissima*, the Tree of Heaven was retained as a centrepiece for the island and as a focal point of the garden.**



The adjacent colour garden, with a focal point of an Armillary Sphere, is designed to have interesting flowers and foliage at all seasons. The current colour scheme expands the time theme into a Day/Night Scheme, with part planted in hot red, orange and yellow colours and the remainder in cool blues, whites and silvers. A circular grassed area serves as an informal seating area or open air performance site. Twelve sentinel clipped Yews, representing the hours of a clock, sit around the edge of the circle.

The garden functions as a place of quiet contemplation and picnic areas for University members and the local community. The Friends of University Park hold their annual Picnic in the Park here and host open days for the National Gardens Scheme Charitable Trust.

2.5 Jekyll Garden

In contrast to our modern garden, there is also a formal garden, known as the Jekyll Garden. This is attached to Lenton Hurst, one of the older houses in the Park. It was built for William Player, younger son of John Player of the tobacco empire. The sunken garden is recorded as being designed by Gertrude Jekyll in 1911. There are however no surviving plans of the original design suggesting it was one of her minor commissions.

The Jekyll Garden terraces were restored between autumn and spring 2009-2010 by Friends Group members, community volunteers and grounds staff. Work included hard landscape repairs to walls, steps and footpaths.



*Friends Group
Volunteers working
on the restoration
of the Jekyll Garden
Terrace in
November 2009*

*The restored Jekyll
Garden Terrace SW
September 2010*



2.6 Highfields House Walled Garden

Highfields House was designed by William Wilkins, sits in the centre of University Park and was built about 1797 for the Lowe family and later extended. It has a fine old garden with many beautiful trees including a notable Tulip tree and several Cedars.

Adjacent to the house is a walled garden, the remains of a much larger walled garden that was once filled with vineries, stove houses and exotic plants. It was **all part of an elaborate estate that ran down to the 'fishpond' that was later enlarged to form the current lake.** The estate displayed the refined taste which Alfred Lowe possessed and exercised in bringing it to its state of beauty and perfection. Numerous rare and exotic plants were placed in the grounds showing that no expense had been spared, making it one of the most delightful and picturesque domains in the neighbourhood.

The walled garden is now a quiet oasis in the heart of the University. Access was improved a few years ago, when wrought iron gates were installed leading onto the path from the Trent building. The old gates had been originally set adjacent to the West Entrance gatehouses, when the university buildings were **first constructed in the 1920's but had lain derelict in a yard for many years.** Purely by chance, during their restoration they returned to the yard where they were originally made 80 years ago.



2.7 The Old Botanic Garden

The origins of this area date back to times when botany was taught in a **traditional way in the late 1950's**. Originally the botanic garden was laid out with formal systematic beds and a wide range of plants. It no longer has the same teaching function and has been simplified, remaining a quiet retreat for visitors near the centre of campus with a number of unusual plants.

There is a fine Medlar, Cedars, Ginkgo, Nothofagus, and Taxodium. An unusual and un-named fastigate version of *Prunus padus* dominates the garden. The whole area is partially enclosed by a mature hedge of *Berberis x stenophylla*, which has been opened up at points to give fine views over Highfields Park and the city of Nottingham.

2.8 Lenton Firs Rock Garden

Lenton Firs Rock Garden was restored by the Friends Group between spring 2006 and spring 2008. A grant award of £3000 was received from the Nottingham Green Partnership and spent on restoration of the derelict summerhouse and rock garden cascade. The rock garden is one of the largest in the East Midlands and has an exposed natural sandstone outcrop, a pulhamite pool and cascade and an attractive summerhouse clad in timber laths. As the Friends Group first project it has been very successful and is received very well by visitors to the grounds.



2.9 Hugh Stewart House Garden

The oldest part of Hugh Stewart Hall was once a fine mansion known as Lenton Hall, designed by William Wilkins in a gothic style and built in 1792. The Hall was originally surrounded by extensive gardens, most of which have now disappeared. The area however immediately around the old house has been retained. Some fine trees screen the garden, which includes a metal arbour, an ornamental tunnel and a formal rose garden designed by William Barron, surrounded by an elaborate rock garden. Most of the garden sits in a hollow, which was once a marl pit, from which heavier clay soils were dug to spread on the adjacent light sandy soils. Recent attempts to replant the rose garden with historic roses have not been successful. In 2003 this was replanted using herbaceous plants, and silver foliage with clipped Yew to emphasise the formality.

The sundial that forms the centrepiece of the garden is included within the listing of the house although originally this appears to have been a bird bath.



2.10 The Trent Parterre

Over time the Trent Building has lost its links to the landscape of Highfields Park. Not only physical connectivity but also visual. In addition a rather sterile slope had evolved of mown grass that was very uncomfortable even for the ambient pedestrian to walk down. This sloping lawn whilst suited to the Palladian style of the grand architecture of Trent Building offered little to visitors seeking visual interest.

In 2015 Circular planting beds were designed with formal yew hedges, flowering shrubs, perennial herbaceous plants and bulbs to create washes of colour across the slope. Access down the slope to the Belvedere is achieved with resin bonded gravel footpaths introduced from the central terrace steps down the slope to meet the Belvedere and the steps leading down to Highfields Park.

When now looking out over to Highfields Park the foreground is a wash of colourful planting. In respect to the central Palladian pediment the slope was retained as open lawn to allow the view up to this grand architectural statement.



2.11 The Theatre Gardens

Adjacent Portland Hill are the Theatre Gardens a more quiet and relaxing space with discrete gardens and lawns bounded by formal hedges and sculpted trees, which was landscaped in 2016. It provides places for groups to mingle and meet which are balanced by places for individuals to find quiet enjoyment. It was intended as a new destination to escape the hustle and bustle of the campus. Spaces can also be used by theatre groups for small performances in an intimate outdoor environment. Around the gardens are quiet seating areas as well as spaces for outdoor chess, petanque and table tennis.

The theatre entrance is now celebrated with a welcoming Entrance Plaza to give it a defined and more useable space to meet before performances and to spill out at the interval.

The adjacent Highfield House walled garden is a major destination in the area to which the Theatre Gardens is both responsive and respectful.



2.12 Djanogly Plaza

Djanogly landscaping was completed in January 2018. Its a grand gesture that completes the Portland Building and is a physical and emotional focus for the campus. It increased and established connectivity and is a destination space. This is where the campus meets, stays or goes on both during the day and also in to the evenings. It is a place of celebration establishing an iconic landmark that respects the classic grandeur of the Trent and Portland Buildings through contemporary forms and materials.

The lower plaza extends the usable space at the rear of the Portland Building offering spill out space. The steps rising up the slope draw people up the slope **out of the shade to seat height steps, the “campus steps” which draw people to** left and right onto grass terraces across the slope. The steps continue up the slopes with regular landings. Each landing is celebrated by a set of water jets that form the central cascade. The jets can be switched off and the cascade steps can be used as seats. The landmark Sky Canopy that stands proudly above the upper plaza and the feature pool completes the classical motif set up by the steps.

New gardens along Cut Through Lane include formal hedges, evergreen and deciduous flowering shrubs, perennials and bulbs offering visual interest all year round.



2.13 Arboretum

The University has a long term vision of developing an arboretum in University Park. A strategy has been developed and the campus has been sub divided into 12 separate collection areas.

The vision of the arboretum is:

'To fully harness the academic reputation and expertise of the University of Nottingham with the scientific potential inherent within the values and mission of an arboretum.'



It has been identified, that given the overall age and condition of the current tree collection there is an ideal opportunity for removal of a number of trees in the over-mature and mature age categories to enable more selective re-planting to broaden the range of species and increase interest in the site.

There is significant potential to utilise the existing tree landscape to create a robust framework within which to develop an arboretum. The existing structure of the park, along with planned groupings of new trees, will establish an interesting and stimulating environment.

By doing so, staff, students and visitors to the park would gain from a more diverse and accessible collection of plants. Part of this accessibility would include taxonomic labelling using a range of techniques based on up to date nomenclature.

By the end of 2018 all collection areas will have been surveyed by a tree inspector and plotted on a GIS mapping, to create a comprehensive tree database.

In 2016/17 the first phase of works went ahead, mainly in collection area 4, Lenton Fields, as to complement the landscape works already planned for the David Ross Sports Village. This included the creation of a new lime avenue of trees, as part of the *Universitas 21* annual network meeting and Presidential Symposium, as delegates from 16 different countries, that work together to promote global citizenship and innovation through research-inspired teaching and learning and student mobility each planted a tree, to form '*Universitas 21 Avenue*' in celebration of the last 20 years of collaboration with partner institutions.



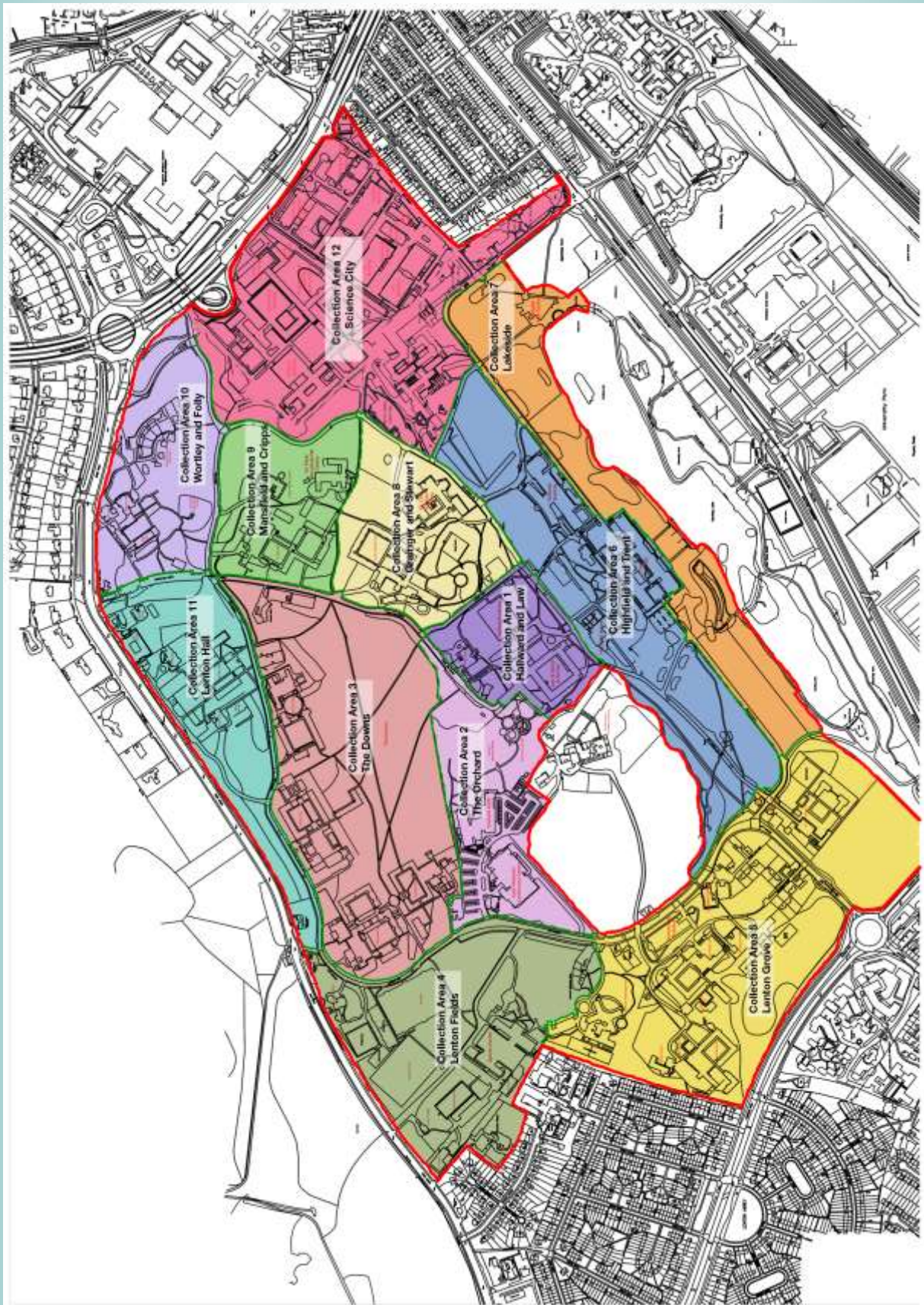
Universitas 21 Avenue which consists of 25 *Tilia Petiolaris* (weeping lime).



To diversify the existing plant collection, we are proactively collaborating with other Botanic Gardens.

In 2017, we collected our first plant material from Wakehurst Palace, which is part of The Royal Botanic Gardens Kew.

Arboretum collection areas



Section 3: Activities and Facilities



Section 3 - Activities and Facilities

3.1 Leisure Provision

Much informal sport takes place in the park and it is quite common to see walkers and joggers at any time of the day. Golfers occasionally practice in the more open spaces, although this is not encouraged for safety reasons.

Many people simply enjoy sitting quietly and reading in the park. University Park is part of the local 'Robin Hood Way' walk and is also used by 'Walk and Talk' and other organised walking groups.

3.2 Sport

The David Ross Sports Village provides excellent facilities to approximately 15,000 facility users from the University community of Staff, Students, Alumni and Associates, as well as members of the public.

The David Ross Sports Village is open Monday – Sunday 6.30am-10.30pm, the building is fully accessible by wheelchair. Membership for students for a full year is just £199 which provides access to courts, classes and fitness facilities. Staff of the university can enjoy access to facilities from £27.50 per month. The membership also provides access to the other two University sport centre facilities, one at Sutton Bonington and Jubilee Campus.

More details about public membership packages can be found at:
<http://www.nottingham.ac.uk/sport/membership/public-memberships.aspx>

Members of the University community not wishing to buy into a membership can access facilities across the campuses on PAYG basis from £6.50 per visit. By comparison to local alternatives the membership offers great value for money to its members.



Since opening, the David Ross Sports Village has hosted a number of large events, such as: European Sports Festival 2017, Corporate Games, Table Tennis England Grand Prix, British Gymnastics Tumbling Event, and also the Association of Colleges Sport Games. The David Ross Sports Village is also used by local schools, and school sport organisations, such as Nottinghamshire Schools Football Association.



University Park also boasts the unique 1.7m Active Trail, a combination of running and various fitness elements dotted around the campus. Look out for the stations as you move around the campus. For more details on the active trail, view: <https://www.nottingham.ac.uk/sport/facilities/active-trail.aspx>



The local community are encouraged to make use of all facilities. There is also a top quality bowling green administered by the University Sports and Social Club and an active University Bowls Club.

Active Trail Plan



3.3 Play Areas

University Park has no formal children's play areas. With an almost total absence of families on site and a distinct target age range, play areas do not feature as necessities. University Park is however adjacent to Highfields Park, owned by the local authority and there is a modern, well-managed play area readily accessible. A small play area exists at the Staff Social and Sports Club.

3.4 Events

University Park is used for a wide range of outdoor events organised by many sectors of the University community throughout the year. The Estate Office encourages the use of open space by the community and has a formal procedure for approving outdoor events. A full list of past, present and future events is available if required.

3.5 Sculpture

The University actively supports many of the arts and it has long been a desire to introduce sculpture into the landscape, currently we have three major items on display.

Outside the Arts Centre there is a Paul Mason sculpture created from polished **black marble**. The Millennium Garden contains a piece called '**Flayed Stone**' by Peter Randal-Page. A bespoke commission by Dan Archer is featured outside the East Midlands Conference Centre.



'Flayed Stone' by Peter Randall Page, Millennium Garden

3.6 Arts Provision

The Lakeside Arts Centre is the University of Nottingham public arts programme attracting 185,000 visitors every year. It provides an eclectic range of activities within its venues. Concerts regularly happen within the Djanogly Concert Hall, theatrical productions within the Lakeside Arts Centre and art exhibitions in the Djanogly Art Gallery.

A full programme can be viewed at <https://www.lakesidearts.org.uk/> and all events are open to members of the public. Certain events take place outside within the park such as the annual celebration of the Chinese New Year, which involves fireworks on the lakeside.

Below is a Student Art Project at Lenton Firs. The Nottingham art project was created in 2014, each letter is made by using images of student life around the University campuses, this has proved very popular and become a great back photo drop, students are often seen having their picture taken here.



Each letter stands two metres high and includes images giving a flavour of life at the University – which are only visible on closer inspection. The sign has cost £10,000, with money coming from the University's Impact campaign, a fundraising drive which gives money for good causes and to improve University life. It has been built as part of celebrations of the university's Students' Union's centenary.

3.7 Signage and Information

The University is clearly signed from all major routes leading to the three main entrances. These are clearly signed, together with key information such as parking regulations. Within the park there is a standard range of signage directing to car parks and major buildings. These are all painted in a corporate style with white lettering on a green background.

There are three security gatehouses located at main public entrances acting as a welcome and information point for visitors; Campus plans and other information is available from the Security Officers 7.30am until 4.30pm. These are located at:

South entrance off A6005 Beeston Rd / University Boulevard

West entrance off Woodside Road

North entrance off A52 Roundabout between Derby Rd and Clifton Boulevard



Below is a series of directional signs examples and a public transport information with bus times that is located on University Park.



3.8 Interpretation Boards

A series of interpretation panels have been installed at key points around the park. These include the walled garden, the Jekyll garden, Lenton Firs Rock Garden, the Downs, the Nottingham crocus site, stone outcrop and the lakeside walk.



3.9 Car Parks

There are many car parks within University park. The University operates a car parking scheme for staff and students, which requires the use of a pass for free car parking during the working week. During the week, visitors are directed to a number of areas where pay-and-display parking is available. The car park, adjacent to the Lakeside Arts Centre is dedicated for the use of park users and is not available for staff and students. There is free parking at weekends and bank holidays for all visitors, blue badge parking is free. Further information can be found at:

<https://www.nottingham.ac.uk/about/visitorinformation/carparking.aspx>

<https://www.nottingham.ac.uk/estates/security/carparking/home.aspx>

3.10 Refreshments

There are restaurants and cafes throughout the campus. Some are operated by the University others by partners. Most of these are available to the general public. Further details can be found at:

<https://www.nottingham.ac.uk/hospitality/cafesbars/cateringpartners.aspx>

<https://www.nottingham.ac.uk/hospitality/cafesbars/universitypark.aspx>

Lakeside Arts Café—<https://www.lakesidearts.org.uk/visit-us/cafes.html>

For opening times go to: <https://www.nottingham.ac.uk/hospitality/cafesbars/locationsopeningtimes.aspx>



3.11 Publications

A number of guides has been produced Leaflets are reviewed every 3-5 years, this last took place in spring 2010 when the following publications were re-viewed and reprinted in the form of booklets:

University Park Garden guide and Tree Walk
Historic Houses walk,
Geology Walk 'Rock Around the Campus'
Conifer walk

Electronic guides can be found at: <https://www.nottingham.ac.uk/sustainability/grounds/friendsofuniversitypark.aspx>

Printed copies of the Gardens Guide are available from the Lakeside Pavillion
Higfields Park, Trent Building, Gatehouses and the local Library have booklets for visitors.



Section 4: Safety, Security and Cleanliness



Section 4 - Safety, Security and Cleanliness

4.1 University Health and Safety

Safety is a line management responsibility and the immediate responsibility for safety within any work area is borne by the appropriate Head of School, or Administrative or Support Services Section. Within the Halls of Residence and flats this responsibility is borne by the Director of Nottingham Hospitality and through line management. The foregoing persons are responsible for ensuring that arrangements for safe working with their areas have been set up and published. These local arrangements form part of the University Safety Policy. The Safety Office has produced a detailed document, which is used as the basis for all Health and Safety Management within the University Community.

4.2 Estates Health and Safety

The Estates Department is very aware of Health and Safety and has its own Safety Committee. The committee is comprised of representatives from all sections of the Estate Office including the Grounds Section and a representative from the University Safety Office. The committee has responsibility for overseeing all aspects of Health and Safety related to works undertaken by the Estate Office. During autumn 2006 an in-house review of all Estates safety has taken place and a programme of actions to remedy shortfalls is in place.

The day-to-day responsibility for safe working practices within the Grounds Section is devolved to the Grounds Manager and Assistant Grounds Managers. Risk Assessments and safe working procedures are in place for all tasks and are constantly being reviewed. COSHH Assessments are recorded and updated as necessary. All this information is readily available for staff. All staff have been trained in their responsibilities under Health and Safety legislation and are encouraged to contribute to updating COSHH, Risk Assessment and Safe Working Procedures.

Risk assessments for users of University Park as opposed to staff have also been carried out. Measures are in place to ensure that all users can enjoy University park with minimal risk of injury or accident. Risk assessments are also produced for Grounds Events, in particular those involving potentially hazardous volunteer work. A trained member of staff is always present when volunteers are on site.

4.3 Tree Safety

A new approach to Hazard Tree Survey was undertaken in 2017 by the Grounds Section, which covers all sites. An external consultant assisted in the introduction of our Tree Risk Management (TRM) strategy which moves away from the compulsion to tag and survey every tree and moves towards a hazard and target driven approach. Individual sites are assessed on usage level in the proximity of large trees and then categorised into red, amber or green zones with red equating to high risk, down to green, low risk. The professional surveyor makes this assessment which is logged on a hand held data collector using Pear GIS Technology. The nature of the zone dictates the frequency of inspection and during the inspection process tree defects are noted and corrective orders raised via the Grounds Maintenance Manager for Trees.

4.4 Hazard identification and Risk Management

In 2017, a new system of risk management was developed and introduced. This is set out in the table below:

Management	Specific element	Grounds Section responsibilities	Partner responsibilities
Risk management	Building safety (Grounds)	Report any defects to the Helpdesk.	Overall building safety examined by Building and Engineering Technical Services
	Infrastructure safety	Infrastructure bins, benches, gates, barrier footpaths and fencing undertaken by Grounds Section. (External Cleaner / Assistant Operations Manager).	
	Water safety	Risk assessment for water safety undertaken by Grounds Section (Assistant Maintenance Manager). Life buoys to be checked once weekly by External Cleaner.	Legionella testing undertaken by Building and Engineering Technical Services
	Grounds Maintenance	Operational risk assessments, Safe Working Practices and COSHH undertaken by Grounds Section. Operations Managers and Team Leader to ensure they are adhered to.	
	Tree maintenance	Tree risk management system in place. Operational risk assessments and inspection co-ordinated / inspected by Grounds Maintenance Manager for Trees.	
	Tennis Courts	Risk assessment undertaken by Grounds Manager for Sport. To be checked monthly.	
	Active Trail	Risk assessment undertaken by Grounds Manager for Sport. To be checked monthly.	

4.5 Security

The University employs a 71 strong Security Team, providing 24 hour uniformed presence on all campuses and is managed by the Head of Security Gary Stevens. Mobile and foot patrols are available to respond to all incidents.

University Park Campus, is well provided for with high and low level lighting, the Grounds Section planting policy allows where possible for good visual permeability, in particular around car parks where hedges are maintained below 1.5m to discourage criminals from lurking behind these.

The Security provision at the University Park has 24 hour provision all incidents and calls for assistance are responded to as per the Service Level agreement. The link to this is <http://www.nottingham.ac.uk/estates/security/servicelevelagreement.aspx>

There are four teams headed by a Supervisor that provide the 24 hour 365 day provision and are supported by the Operations and Planning, Gatehouse and Car Parking Enforcement and Covert teams. These Officers provide both foot and mobile patrols.



The Gate House Security Staff welcome visitors to the site and provide information on various matters. Security are also supplied with campus maps and garden guides to issue to visitors, the gatehouses are often the first point of contact for visitors to the Campus.

Intruder alarms are also installed at a number of locations. Security also have the ability to deploy temporary cameras to address issues such as theft of plants, damage to our Estate and anti-social behaviour.

There are 2,757 parking spaces available, including visitor parking, charges and restrictions apply, with very limited student parking. University Park Campus in common with all University Campuses offers free parking outside normal working hours; this includes evenings, weekends and bank holidays. This is a particularly popular given the attractions out of hours and at weekends around D.H Lawrence Pavilion and Highfields Lake.

For a Campus which is located within the City Boundary, crime levels are relatively low with only 99 minor crimes being recorded in the past year (54 being thefts of pedal cycles). Crime overall on University sites has reduced by some 70% over the past few years, mainly attributable to the robust provision of Security resources and other crime prevention initiatives that have been introduced by the University with the full cooperation of the local Police.

All crime incidents within the University are recorded and an annual statistical report is produced. This information is used to identify problem areas and used to develop policies to control these problems. The annual report can be viewed at:

<http://www.nottingham.ac.uk/estates/documents/security/security-annual-report-2015-16.pdf>

Crime figures for the University sites are considerably lower than for general areas of Nottingham and they are therefore considered as safe sites.

There are telephone numbers available for the Security Office at the Gate-houses, car park information notices and on other notices within the campus.

Further information can be found at:

<http://www.nottingham.ac.uk/estates/security/home.aspx>

4.6 Gritting and Snow Clearance

During the winter months road gritting and snow clearance is dealt with by the Grounds Section staff. Tractor mounted gritters are used for treating all areas defined as Highway before 7.30am in the morning and major pedestrian routes thereafter normally before 10.30am.

A call out system is in operation; when temperatures are low the Security staff call out the gritting team early morning or when necessary. A snow plough is available for heavy snowfall as the university site is, in places, steeply undulating and has established bus routes within it.

Car park areas and footpaths are treated by the grounds staff using a variety of smaller equipment to reach less accessible spaces within the campus. Grit bins are located at key places around the site, for example at steps and disabled ramps.

4.7 Cleanliness

University Park benefits from both a frequency and performance based cleaning and litter collection regime.

There are two full time external cleaners and a road sweeper operator who undertakes a daily routine of cleaning and litter collection. There is also a University wide mobile external cleaner who can assist during busy periods or as holiday cover. The service is flexible and in terms of quality the University has a litter free policy, which although difficult to achieve has been very successful. All collected litter is recycled under agreement with the main contractor Wastecycle, aspects of which will be discussed under section 6 of this document Environment and Sustainability.

A small road sweeper, Scarab Azura, which was replaced in 2016 is used to clean the main thoroughfares, this is operated by the designated external cleaner. Frequency is daily, Monday to Friday to meet core use times of the site.

There are ample external waste bins on University Park and many ash stands or combination bins for the collection of cigarette butts, there are two designated external cleaners who empty bins and ash mounts on University sites within Nottingham. The areas immediately in front of key building entrances are maintained in partnership by Domestic Services staff on a daily basis throughout the year.

4.8 Graffiti

The University has a fast response to incidents of graffiti which can be reported to the Estates Office Helpdesk where a Works Request is raised. Response time can be stated as urgent or non-urgent.

The estates office helpdesk can be contacted on

<http://www.nottingham.ac.uk/estates/estateshelpdesk/estateshelpdesk.aspx>

Phone: 0115-9516666

Email: estates-helpdesk@nottingham.ac.uk

The helpdesk is open to all university members, staff and the public and is a vital tool in managing requests internally and externally on all University sites.

4.9 Water features

The park is richly endowed with water features. Facing onto University Boulevard is the end of the Arts Centre with an informal lake, marginal planting and a large floating fountain. The Millennium Garden includes a circular pond **with an island, low aluminium bridges and twelve fountains that 'tell the time'**. Nearby is a small dewpond left as a natural pond with deliberately overgrown margins for wildlife.

Formal ponds with fountains exist in the Sir Clive Granger Building Courtyard, the Pope Building Courtyard and outside the Coates Building. The Chemistry Courtyard also includes three bubbling fountains set amongst boulders and cobbles. On the eastern perimeter there is a formal pond with a geyser fountain outside the Boots Pharmacy Building. The nearby Biomolecular Sciences Building has a series of canals with weirs, waterfalls and a fountain. And in 2017 we saw the development of a new water feature at Portland Hill which consists of a series of landings with water jets that form a central cascade and Sky Canopy that stands proudly above the upper plaza has a feature pool.

The formal water features are attended to by the in-house team about twice weekly during October to March and three times weekly during April to September.

On a quarterly basis, an external specialist attends site to service the plant / system.



Millennium Gardens water feature

Section 5: Maintenance and Resources



Section 5 Maintenance and Resources

5.1 Staff / Labour

In-house staff are employed by the University Estates Department to carry out all the soft landscape work at University Park.

There are 2 main teams that undertake day to day maintenance and they consist of:

- 1 x Assistant Grounds Maintenance Managers
- 2 x Grounds Team leader
- 10 x Trained staff in amenity horticulture
- 2 x External Cleaner, who are able to operate the Road sweeper if required.

Other teams also support the work at University Park. This includes:

Auxiliary Team consisting of a team to maintain Science City and Lakeside and water feature

Tree Team based at Jubilee Campus and covers all sites, Sports Team based at Highfield Sports Grounds to maintain the bowling green and artificial surfaces at the David Ross Sports Venue

Haulage Team who are responsible for green waste and mowing the large areas with sit on machinery.

External Cleansing Team who undertake road sweeping and empty bins on all sites.

Staff allocations across the sites allow flexibility for busy periods.

Technical and managerial advice is available from the Grounds Management Team, comprising of:

- Grounds Manager
- Grounds Maintenance Manager—Landscapes and Trees
- Grounds Maintenance Manager—Sport
- Assistant Grounds Maintenance Manager.

5.2 Current Grounds Maintenance Arrangements

Grounds maintenance works are carried out by the University Grounds Department. The operations that are routinely carried out are:

Operation	Overview of works undertaken
Grass cutting	Amenity grass is cut fortnightly . Strimming around obstacles would be undertaken at the same time.
Hedge cutting	Ornamental hedges are cut once / twice annually depending on species.
Paths and hard standing	Main areas are cleaned weekly using a mechanical road sweeper. The External Cleaner will clean the priority smaller areas with a pedestrian power brush, in such places as the rills.
Weed-kill control	Weed control kept to a minimum. All hard surfaces are treated 3-4 times per year.
Litter removal	Sweeping and litter collection undertaken daily; bins are also monitored daily and empty as required.
Leaf collection	Fallen leaves are cleared and removed during the autumn. All main areas such as roads, cycle paths and footpaths are blown daily.
Shrub beds	The team works methodically throughout the campus— fortnightly visit during the growing season.
Grass	Grass encroachment is removed from edges of paths and hard standing annually, as part of the winter works programme.
Meadows	Meadows are cut in September / October and once again in late winter / early spring.
Artificial sport surfaces	Maintained by Sports team— brush / clean surface, check goals weekly and deep clean the surface using an external specialist as bi monthly.
Bowling Green	Regular/daily brushing of the green for dew removal, thus preventing diseases. Mowing depends on growth but is usually 4 times a week during the playing season. Yearly renovation of the bowling green is carried out in September, which includes scarification, hollow coring, top-dressing and fertilising.
Tennis Courts	Regular blowing depending on the seasonal requirements, surfaces treated twice annually and brushed. lined marked bi-yearly.

5.3 Grounds Quality Monitoring

The grounds team leaders on all University sites including University Park are encouraged to monitor the presentation of their areas, at the same time the detailed **inspections of the team leader's area can provide a very useful health and safety check** on external landscaped areas.

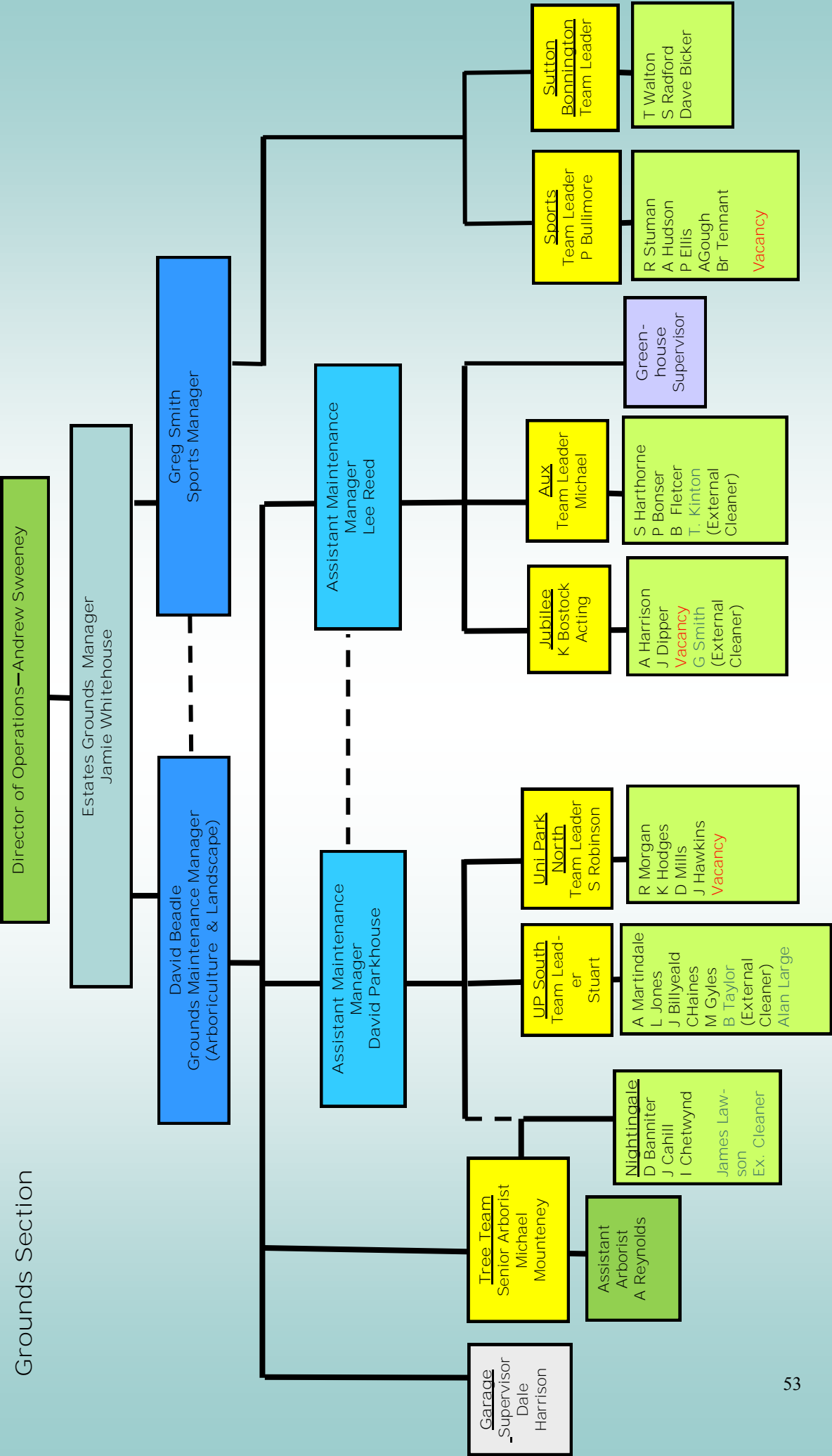
Quality sheets are collated and dealt with by the two assistant grounds maintenance managers. A sample of the sheet for the University Park is shown in the appendices, an original copy is kept on file within the grounds office University Park.

5.4 Key Contacts and Organisational Chart

Jamie Whitehouse	Grounds Manager Tel. 0115 9513649 Email: Jamie.Whitehouse@nottingham.ac.uk
David Beadle	Grounds Maintenance Manager—Landscapes and Trees Tel.0115 9513605 Email: David.beadle@nottingham.ac.uk
Lee Reed	Assistant Grounds Maintenance Manager (based at Jubilee) Tel. 0115 7484547 Email: lee.reed@nottingham.ac.uk
David Parkhouse	Assistant Grounds Maintenance Manager Tel. 0115 9513637 Email: david.parkhouse@nottingham.ac.uk
Simon Robinson	Team Leader University Park (North) Tel. 07900056699 Email: Simon.robinson@nottingham.ac.uk
Stuart Greenway	Team Leader University Park (South) Tel. 07920863990 Email: Stuart.Greenway@nottingham.ac.uk
Michael Mounteney	Senior Arborist Tel. 07768953469 Email: Michael.Mounteney@nottingham.ac.uk
Dale Harrison	Garage Fitter Tel. 07774264028 Email: dale.harrison@nottingham.ac.uk
Helpdesk	Tel. 0115 9516666 Email: estates-helpdesk@nottingham.ac.uk
Security (24hrs)	Tel. 0115 9513013
Security reception	Tel. 0115 9513599
Security	Tel. 0115 9518888 (emergency only)

Organisation Chart
Updated Jan 2018

Grounds Section



5.5 Machinery and Equipment

The staff at the University Park have the following equipment available for use on a permanent basis, the grounds operation is supported by tractor mounted gang mowers and other larger ride on equipment.

North Team

- X4 Stihl Strimmer/bush cutters
- X4 Stihl Back pack blowers
- X3 Billy Goat Pedestrian Blowers
- X1 Stihl Hand Held Blowers
- X2 Honda Hand Held Blowers
- X4 Stihl Hedge Cutter various lengths
- X2 Husqvarna Rotary Mowers
- X1 Honda Rotary Mower
- X1 Toro Rotary Mower
- X1 Allen Hover Mower
- X1 Scaggs Flail Mower (shared)
- X1 Trimax 3 Point link flail mower
- X2 Tomlin salt spreaders

- X1 x Citroen flat bed vehicle
- X2 x Kubota Compact Tractor & trailer also has mowing deck for all the mowing

South Team

- X4 Stihl Strimmer/bush cutters
- X4 Stihl Back pack blowers
- X2 Billy Goat Pedestrian Blowers
- X1 Stihl Hand Held Blowers
- X2 Honda Hand Held Blowers
- X5 Stihl Hedge Cutter various lengths
- X3 Husqvarna Rotary Mowers
- X1 Etesia Ride on Rotary Mower
- X2 Cobra Rotary Mower
- X 2 Tomlin salt spreaders
- X2 Kubota RTV 900 utility vehicle & Trailers
- X1 Scaggs Flail Mower (shared)
- X1 Trimax 3 Point link flail mower
- X1 100ltr towed Bowser
- X1 compressor
- 2 x Kubota Compact Tractor & trailer also has mowing deck for all the mowing

A Scarab Azura road sweeper is based at University Park and is shared with other sites.

5.6 Machinery Replacement Programme

A rolling replacement programme has been set up for replacing machinery to avoid undue peaks in expenditure. The programme is flexible to ensure opportunities to review changes to grounds maintenance procedures which may require monies to be diverted to alternative purchases. Senior grounds staff attend major events (such as the annual Institute of Groundsmanship Show) to keep up to date with new equipment trends. They are then consulted on the most appropriate equipment available within budget to undertaken given tasks. Major purchases are then put out for competitive quotation before purchase to meet sustainable procurement.

Large items of equipment are leased for a period of 4 years then replaced. The vehicle lease expires in 2020, utility / gator lease expires in August 2019 and the tractor lease has just been tendered and it is scheduled to commence in March 2018.

5.7 Machinery Servicing

The Grounds Section workshop is based at King's Meadow Campus and is staffed by one fitter dedicated to maintaining and repairing horticultural machinery. The workshop is well equipped with a hydraulic ramp, modern Bernard Express dual grinder and Angle master, welding and lifting equipment and all the usual workshop tools.

There is a van available for on site repairs and a van and trailer for return to base repairs.

All pedestrian machinery is serviced and repaired in-house and all sit on machinery is serviced by an external provider. All lease equipment (vehicle, utility and tractor) would be serviced as part of the agreement.

All machinery is serviced annually to comply with Provision and Use of Work Equipment Regulations 1998 (PUWER) Regs. The records are maintained by the Grounds Maintenance Manager.

Machinery is assessed regularly by the operator to ensure it remains safe to use. Hard Arm Vibration and noise are assessed at time of purchase to ensure suitability for purpose.

5.8 Grounds Training Strategy

The University is committed to staff training and development and to this end the

Estate Office has evolved its own training policy. Internally there are various courses open to all staff in addition to which we use various training agencies. There are three basic levels of training.

- Training essential to complete the task to a required standard and to comply with appropriate safety legislation.
- Training which is of benefit to both the University and the individual and will enhance the individuals performance in his job.
- Training which is of benefit to the individual but has no significant benefit to the University.

A training matrix has been produced and all staff have been trained in their responsibilities under Health and Safety legislation and to enable for them to undertake their duties competently. These are provided both by internal and external specialist providers.

5.9 Tree Survey

A new approach to Hazard Tree Survey was undertaken in 2017 with the introduction of Tree Risk Management (TRM) strategy which moves away from the compulsion to tag and survey every tree and moves towards a hazard and target driven approach. Individual sites are assessed on usage level in the proximity of large trees and then categorised into red, amber or green zones with red equating to high risk, down to green, low risk.

The professional surveyor makes this assessment which is logged on a hand held data collector using Pear GIS. Technology. The nature of the zone dictates the frequency of inspection and during the inspection process tree defects are noted and corrective orders raised via the Grounds Maintenance Manager within specific time lines.

As part of the arboretum project on University Park, all collection zones are being fully surveyed and all trees are being logged on Pear GIS database and also tagged on site.

Where specialist tree advice is required consultancy services are provided by Symbiosis Consulting of Leicestershire, John Harraway Consultants FArborA of West Sussex or Tree Life Ltd Syston Leicestershire.

5.10 Arboriculture

The University Estates Department includes a dedicated Tree Surgery Team. This is comprised of a senior and two assistant arborists, augmented when necessary by other members of trained staff. This team deals with virtually all arboricultural work on University sites, and is fully equipped with chainsaws, climbing equipment and wood chippers.

In addition to the equipment above two members of the team are MEWP trained and these are hired for specific tasks, which in addition to specimen trees include the maintenance of wall shrubs, climbers and tall hedges.

5.11 Tree Preservation Orders (TPO)

There are very few TPOs on University Park — the University is regarded as a conscientious landowner with the expertise and skills to manage its tree stocks in a professional manner. University Park is within Nottingham City Borough and links are established with Tree Officers in the Council. Where difficult or contentious decisions have to be made the local authority is involved as a matter of courtesy.

A code of practice for on site contractors is established when working in the vicinity of trees to try and avoid damage to trees and their roots. On development sites Tree and Root protection areas agreed as Planning Conditions are placed by the contractor and monitored by the Arboricultural team.

5.12 Plant Nursery

The nursery is a block of surplus research glasshouses that were passed over to the grounds section in 2002. There is a Glasshouse Supervisor who produces seasonal bedding plants and pot plants for floral decoration at our Graduation events twice a year. A plant sale is also held twice a year, selling surplus plants to staff and students.



The greenhouses have been opened to the public on various occasions as part of the Friends of University Park activities.

We have successfully used integrated control since 2005 and will continue to do so. This is linked with low toxicity pesticides over the winter months to reduce residue. Production is at a level of 50,000 plants each year. The use of reduced peat composts has been trialled and introduced in recent years.

5.13 Buildings

There are many buildings of varied ages and styles throughout the Park. Unlike **most 'normal' park buildings, these will have very specific uses for teaching,** research, administration or residential purposes not directly linked with the landscape as such.

Buildings vary from the older 18th century and 19th century houses from the original estates, through to the early 20th century developments of Trent and Portland Buildings to the modern, generally well designed buildings. There are fifteen listed buildings. All University buildings are well maintained by a team of in-house tradesmen and contractors under the direction of the Estates Department.

5.14 Street Furniture

Wherever possible landscape elements used throughout the park are standardised to give a level of conformity. A standard green paint, 14C39 is used for all signs, streetlights, railings and most other external surfaces.

Litter Bins are of two types. A few Duo Bloc from Townscape remain in the central area, refitted with green tops. All newer bins are of the Westminster style from Amberol in dark green with the University logo and hooded tops. Bollards are black recycled plastic from DPR. Cycle stands are the Sheffield style hoops again in dark green, often set in block-paved surrounds.

External seating is an important provision. To enable some uniformity of design and materials on the site it has been agreed that 3 types of bench can be used, the Wollaton and Grovenor range from Redtree and the stainless steel Benchmark CL005 Range.



Benchmark CL005 Seat Unit in stainless steel, used for modern areas and wherever possible modern developments.

Wollaton 1.8m Bench manufactured by Redtree Derbyshire, used in non-heritage areas of University Park a durable design and the preferred choice where a more robust unit is required.



Grovenor 1.8m Bench, manufactured by Redtree Derbyshire, installed in heritage areas of the site, pre-1950 areas.

5.15 Recycling Units

The on site / street external recycling facilities are supplied and managed by the Grounds Section. The units are checked



The recycling nodes (left) are managed by the Environmental Team, who in collaboration with a number of Universities, such as Leicester and Loughborough procure a waste specialist to collect and process the material. The current contractor is Wastecycle. The nodes are owned by the University and emptied twice weekly, Tuesdays and Thursdays.

Section 6: Environment and Sustainability



Section 6 Environmental Sustainability

The University of Nottingham is well known for its commitment to sustainability and, increasingly, we are successfully demonstrating how we are embedding this in our teaching and learning, through our research and across our campus operations.



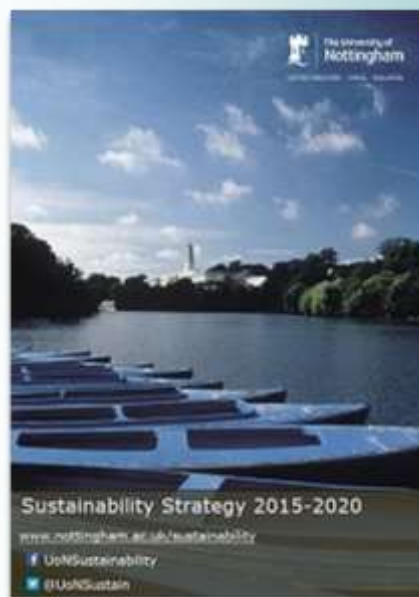
The University continues to be placed in the top two of the UI Green Metric World University Ranking carried out by the University of Indonesia. This league is a global metric of sustainability and in the latest table included over 500 institutions from across the globe.

We continue to win awards for our environmental performance across all areas and details on our programmes can be found at: www.nottingham.ac.uk/sustainability

6.1 University Global Strategy 2020 / Sustainability Strategy

The University continues to ensure that sustainability is embedded within its teaching, **research and operations**. In recognition of this, the University's Global Strategy 2020 sees a clear commitment towards sustainability and social responsibility that considers a wider social, economic and environmental commitment. In 2016 we published a new Sustainability Strategy that sets the framework for activity to 2020. This strategy builds upon our successes and sets out a framework focusing on six strategic areas:

1. Student Experience
2. Education for Sustainability
3. Research for Sustainability
4. Partnership and Engagement
5. Operations for Sustainability
6. Governance and Quality Assurance



6.2 Sustainability Strategy: Landscape and Grounds

Explicitly within the Operation for Sustainability section of the strategy our over-arching aim is to:

AIM 5:

TO REDUCE THE IMPACT OF OUR OPERATIONAL ACTIVITIES AND MAKE A POSITIVE CONTRIBUTION TO THE LOCAL ENVIRONMENT THROUGH THE EFFECTIVE MANAGEMENT OF OUR ESTATE AND OPERATIONS.

More specifically relating to Landscape and biodiversity we:

AIM 5.5:

to protect and enhance the rich biodiversity we have on our campuses

Objective: to enhance our campuses to improve their ecological and social value
Supporting documents: Landscape Management Plans, Biodiversity Strategy and BREEAM assessments.

More subtly within the wider contents of the strategy there are lots of synergies with supporting the broader grounds and landscape resource to enable more access for the community, enhancing what we have, using our landscape as part of a living laboratory to support our teaching and learning and enhancing the student experience.

A full copy of the sustainability strategy can be found at:

<http://www.nottingham.ac.uk/sustainability/strategy/strategy.aspx>

6.3 Estates Strategy

The Estates Strategy supports the Global Strategy 2020 and provides the framework of our key priorities. Within this strategy there are clear priorities that support sustainability and more specifically the management and enhancement of our outdoor environment, including;

- Investing in campus-wide maintenance of internal and external spaces, services, infrastructure to support the day to day activities of the University.
- Setting challenging standards and objectives in our capital programme using tools such as the Building Research Establishment Environmental Assessment Method (BREEAM) Excellent/Outstanding for each capital project.
- Investing in infrastructure that delivers carbon and cost reduction, supports the student experience and provides additional resilience to the University, e.g. wind turbines, solar panels/ hot water, combined heat and power, double glazing, insulation, ground source heat pumps etc.) in line **with University's carbon management plan.**
- Support sustainable, accessible, mobility through investment in infrastructure that supports walking, cycling and public transport, including the enhanced connectivity of the tram to both the Medical School (QMC), University Park and Highfields and actively reduced the impact of the Estate Office fleet.
- Develop and enhance our external campus environments to support biodiversity including the creation, over time of an arboretum across University Park.
- Develop and continue to achieve Green Flag Award standards for quality of green spaces at University Park and Jubilee Campus and continuing to offer a biodiverse, rich and inspiring landscape setting at each of our campuses.
- Supporting the development of Highfields Park and continuing to support Nottingham Lakeside and the wider cultural offer through and across our campuses, including promotion and marketing of cultural events.

6.4 Street Scene and Food Waste

We have continued to roll out more on-street and internal recycling infrastructure to further enhance the opportunities for the University community to recycle. This has resulted in us continuing to see our overall landfill diversion rates increase with more than 99% of the total waste generated through our main waste contract being diverted from landfill, with just under 40% of that waste segregated at source through our comprehensive bin provision for recyclable material and food waste. We have over recent years also seen a 15% reduction in waste produced per student.



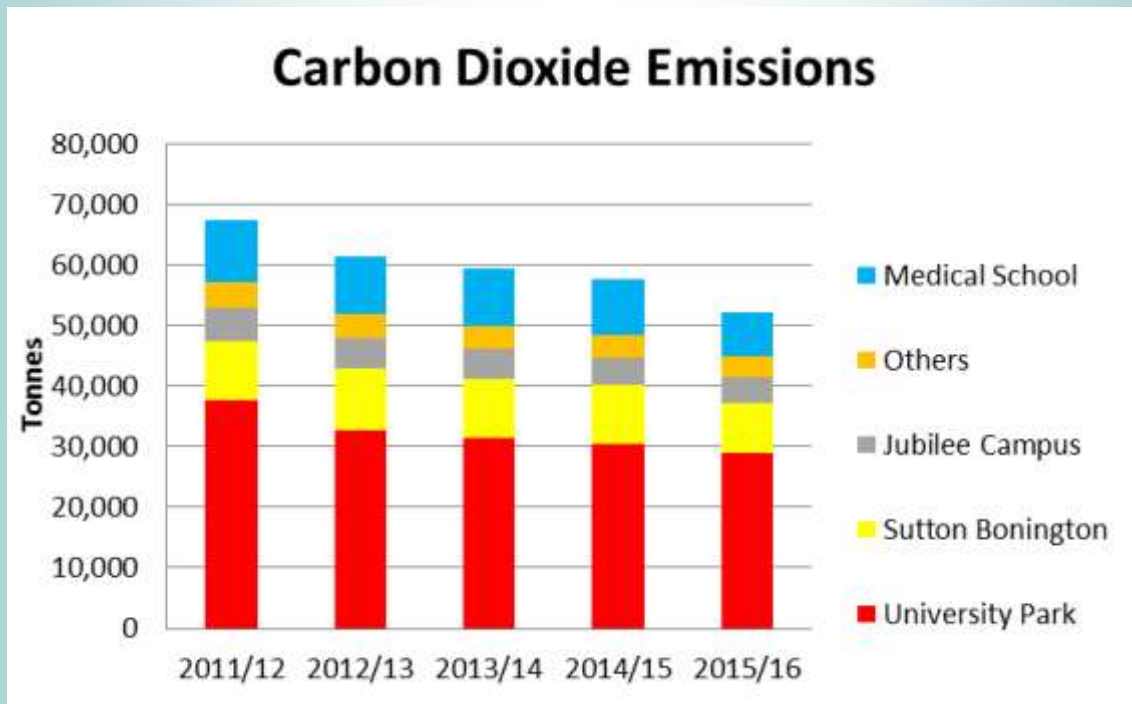
We have seen a continued year-on-year increase in the amount of food waste that is being diverted from general waste to dedicated food waste collection, which not only cleans up the general waste but also allows the waste to be processed and its energy recovered via anaerobic digestion thereby creating usable energy.



6.5 Carbon Management Plan

The University's carbon management plan (CMP) was refreshed in 2015/16 and includes targets for reductions in emissions of CO₂ from energy consumption. It identifies the principal areas of energy use and our investment programmes to improve energy efficiency, reduce consumption and generate energy from lower carbon and renewable energy sources.

In 2015/16 our Scope 1 and 2 carbon dioxide emissions have shown an absolute reduction of 9% (5,312tonnes) from 2014/15 and down 15,714 tonnes from 2009/10 baseline of 67,998 tonnes CO₂.



Since 2010 our CMP has invested in excess of £15.2m, with estimated annual savings in the region of 12,673 tonnes of CO₂.

Sustainability Initiatives at University Park

Enhanced bins

The further roll out and replacement of on campus external bins with multi aperture recycling bins has continued to result in increased opportunity for recycling at source.

Environmental Initiatives Fund

This fund managed through the University Sustainability and Environment committee provides opportunities for members of the University community to access funding to deliver sustainability projects. Recent funding has included:

- **Go Greener week in conjunction with the Student's Union**
- To provide a biodiversity audit of University Park, to establish a biodiversity baseline as well as potential forecasts as a result in changes in management prescriptions or any future proposals. This included training of internship students and external consultants. The consultant and interns have involved and share techniques and practices with the students of the Conservation Society as well as other students who have an interest in biodiversity.

6.6 #BeastsofUon

We recognise that sustainability needs to be fun and engaging. If it isn't we will struggle to engage people in the issues and fail to make an impact. Whilst the University of Nottingham (UoN) Campuses, both in the UK and in China and Malaysia, are outstanding wildlife oases and central to the wellbeing of staff, students and the community accessing the spaces, we wanted to find a way that staff and students could engage actively with the campuses which are diverse in origin.

Students, staff and members of the community at the University of Nottingham share their green and beautiful surroundings with a startling range of often highly visible and occasionally rather eccentric animals, and these animals have become known collectively as the #beastsofUoN. The #beastsofUoN roam on Twitter, Instagram, Tumblr, Facebook, Snapchat and WeChat, and they are a daily presence on the social media accounts of the University of Nottingham. #beastsofUoN as a hashtag has been used, to date, 406 times in the last year across social media channels, news items reaching a peak of 300,000 impressions in April 2017.

In addition, spoof Twitter accounts, such as @upsquirrel (the University Park Squirrel), plays into the anthropomorphising of the human/animal relationships on social media. @upsquirrel has been known to advise students on exam revision and pictures of the #beastsofUoN are often posted to reflect the student lifecycle on campus, so they may comment on exams, graduation, revision time; many of the posts are humorous, all are affectionate and they most definitely reflect a concern for their environment. Students, staff and even visitors to campus are all co-authors of #beastsofUoN posts, reflecting the affection in which the animals that live on campus are held by the human co-habitators of the space.

The story of the #beastsofUoN illustrates the significance of green spaces to the mental and physical wellbeing of a community, both the permanent community of citizens in Nottingham but also the migratory and transitory community of **the University's 30,000+ staff and students. Students move to Nottingham during term time and typically spend their first year in accommodation on campus, sharing their living space with a diverse community of other first years, and while this opens up unprecedented socialisation opportunities for them, many find the transition hard. Many students miss familiar aspects of their home lives that have grounded them before, such as pets! This is where the outstanding environment of the University of Nottingham, and the ubiquity of the #beastsofUoN has become such an important wellbeing factor, as the students embrace the #beastsofUoN.**

Harnessing the organic momentum of #beastsofUoN, a collaboration grew between art historian Dr. Gabriele Neher, with a natural interest in the history of the Highfields estate and the environment bestowed to the University of Nottingham, and the Sustainability team, based in the Estates department.

Both parties worked together to make the most of the positive enthusiasm seen through #beastsofUoN to meet the ambitions of our Sustainability Strategy 2015-20, both in corporate objectives of Student Experience and Partnership and Engagement. This marked a more overt use of #beastsofUoN in encouraging students to make use of and explore our outdoor spaces:

- The #beastsofUoN calendar, which was created and sold to raise funds for **the University's Impact Campaign raising funding for research and charity.** The calendar was originally proposed by a member of the Grounds team with a keen interest in the biodiversity of the university estate. His photography showed the diversity of the #beastsofUoN; whose numbers include **water voles, woodpeckers, owls and red listed lapwings.** For the calendar's second year, photographs of the #beastsofUoN were brought together from a range of staff photographers, while for the third year of its run, photographs will include photographs from staff, students and members of the public.
- The #beastsofUoN photography competition asked students, staff, alumni and members of the public to share their best photos of the #beastsofUoN and landscapes of the University, the competition was outstandingly successful with 214 entries.
- **Wonder 2017, the University's bi-annual outreach event,** included a #beastsofUoN outdoor trail and arts activities promoting outdoor wellbeing, including a logo especially created for the activities by a second year **student, Cecily Rainey.** The day's activities were led by a group of students, and the day saw 7,500 visitors from the surrounding community visit University Park

6.7 Sustainable Transport

The University is committed to increasing transport choice for students, staff and visitors to our campuses. With a University population in excess of 35,000 we are larger than some small towns and the impact of our travel activities could be significant.

Mindful of this the University has developed a suite of creative projects mainstreaming sustainable, healthy travel options that has reduced single-occupancy car use.

The University recognises the need for connectivity between its campuses and encourages walking and cycling as well as providing a free intercampus hopper bus service, £1 million (2016) annual cost.

This service started initially to Sutton Bonington and has grown to include all campuses as the estate expanded. Each year this carries in excess of 900,000 million passengers. As the University grows the demands on this service will change.



In addition to our hopper buses we have developed a partnership approach with local bus providers which has resulted in a significant increase in both connectivity to and from our campuses, but also an increase in opportunities for staff and students to travel at a discount via advanced purchase schemes.

Since the launch of U Cycle project in 2010 we have continued to invest in facilities and support for staff and students who choose active travel and have significantly increased provision across the University. A major part of the scheme was the establishment of a student bike hire scheme, this has now been passed on to [Enactus](#) to run on behalf of the University. Our two cycle to work schemes continue to be popular with more than 500 staff members taking advantage of them each year. More recently we have installed some of Nottingham City Council 'hop on- hopoff' cycles across our campuses. At the same time we have seen significant investment in on-site facilities for those cycling, which has included:

- Cycle lanes built on both University Park and Jubilee Campus to provide safe and efficient connectivity
- Additional lockers installed across the University for cyclists
- A significant increase in cycle parking availability from 3,600 in 2010 to over 4,800 today
- More than 2,250 bikes parked on campus every day
- Newly constructed card accessible compounds on all campuses and provision of more than 25 covered cycle parking areas
- Installation of fix-it stands on all campuses so that cyclists can carry out repairs whilst on campus

Significant research around alternative fuels is on-going throughout the University with one of the first hydrogen refuelling stations in the UK in operation at Jubilee Campus. Various departments over the years have run alternative fuel vehicles with the Faculty of Engineering running a hydrogen van and 20% of the new Estate Office vehicle fleet being 100% electric.

At the same time we have invested in infrastructure to support alternative fuel use. We have installed publicly available electric vehicle charge points on our four main campuses.



Student Switch off

Building on the interhall competition that we have run for a number of years we have joined up with the national Student Switch Off campaign run by the National Unions of Students to further enthuse and engage students within our on campus halls. In simple terms it is an energy saving and recycling competition

The Halls compete to see who can save the most energy by taking easy and effective actions. The Hall that saves the most energy wins an end of year party and Ben and Jerry's ice cream for everyone in the Hall. There are lots of student Switch Off competitions and events throughout the year which are advertised on the [University of Nottingham Student Switch Off Facebook page](#).



6.8 Pesticides

The use of pesticides Campus on University Park is kept to an absolute minimum, mainly to the use of herbicides for weed control on hard surfaces, these are applied on a performance or need basis rather than the less-favoured frequency-based preventative method adopted in the past. Pesticide use is generally limited to hard surfaces and derelict land, glyphosate is the preferred contact systemic pesticide for all purposes.

Pesticides are not used on the interior plants within the University, these are replaced if problems develop because of the lack of suitable controls. Biological control can be considered in some situations, certainly within buildings no pesticides are permitted.

The glasshouse unit uses integrated pest control and has a low input of insecticides, relying on living predators to control a variety of pests. Biological control is supplied under contract by Syngenta who also provide a consultancy service to the University.

6.9 Peat

No peat based products are used for soil amelioration, instead university garden waste composted on site at Jubilee Campus is used as a soil ameliorant.

For mulching borders processed bark or wood chip produced on site is used in a similar way, although insufficient is produced to meet demands.

In terms of container plants purchased from external suppliers, the University has a wide planting policy and it is difficult to obtain plants from growers that do not use peat; it is also difficult to ask for ornamental crops to be contract grown since many projects have just a one year lead time.

From 2011 policy has been to request peat free alternative growing media for all container grown plants supplied externally, where available. This should reduce the amount of peat growing media being consumed on University sites. The percentage of peat free container plants should therefore increase under this strategy.

6.10 Grounds Green waste

Horticultural waste is recycled to produce compost or mulching materials. We have a Gandini Bio-match Shredder 89TTS and a Greenmech Chipmaster. Composting takes place in the recycle compound on Jubilee Campus. Shredding volumes reach 1000 cubic metres a year, generating some 200 cubic metres of compost. The material produced is used as a low cost soil ameliorant over all University sites, including the Student Allotment site and development sites. Staff aim to segregate softer material, including autumn leaves, for composting into a rich soil ameliorant. Woody material is processed separately into a coarser product used as a surface mulch. Christmas trees are also recycled after Christmas.

6.11 Tree Surgery

Trees are encouraged to develop a natural form and surgery takes place as a response to tree inspection, silvicultural needs, thinning of new plantings and safety risk.

Where possible, dying trees are left as bat roosts or for wood boring birds and insects. However safety is of paramount importance and there are limited areas where this is possible. In some woodland areas, pruned material and felled timber are left as habitat piles, although the risk of summer fires have to be considered.

6.12 Water Conservation

All new projects are mulched for water conservation. New trees are all fitted with water tubes to direct water to the essential rootzone. Tubs and hanging baskets used throughout the park in the summer months contain water-retaining granules to reduce the amount of watering needed.

Section 7: Conservation and Heritage



Section 7 – Conservation and Heritage

7.1 Archaeological Interest

The principal site of the deserted medieval settlement of Keighton lies near the Portland Building, bounded by four roads, Portland Hill, East Drive, Keighton Hill and Cut Through Lane. The site was first discovered in the 1940s during the **'Dig for Victory' campaign, when pottery fragments were discovered. The** earliest investigations started in 1949 when three brick kilns were discovered during construction of the nearby Life Sciences Buildings.

Various excavations by the Department of Archaeology have taken place since then. These would point towards timber framed buildings on stone foundations dating from the 13th or 14th century. The amount of pottery discovered at the site suggests that it was an industrial settlement used for the production of pottery and tiles. Because of the history of this site, no landscape or other development is permitted and the strange contours of the site are testament to its long history. An interpretation panel has been installed explaining the importance of this site.

7.2 Geology and Soils

Much of University Park is contoured, greatly adding to its visual interest. A ridge of high ground runs from the Trent Building above the lake, through the park to Lenton Firs and Derby Road. The escarpment is of interest, as it is **comprised of "Nottingham Castle Sandstone". The stone is never far from the** surface as excavations regularly show. A small outcrop of rock near the Institute of Engineering and Space Geodesy building has recently been cleared of gorse and exposed as a feature. A new Mathematics Faculty has being built on the site of this outcrop, however Planning has allowed for most of the outcrop to be preserved as a feature underneath the West end of the new building.

A major cliff face is present beneath Lenton Firs and was exposed in 2006 giving another alternative wildlife environment. These rock formations mark the meeting of the Nottingham Castle formation with Red Lenton Sandstone. Resultant soils on the site are generally light sandy soils, varying from sandy to light loams, although pockets of heavier clay loam soils are also present particularly in the centre of the park and towards the north west. This is derived from a band of Mercian Mudstone which can more clearly be seen near the lakeside.



The cliff at Lenton Firs Rock Garden is Nottingham Castle Sandstone.

7.3 Biodiversity

The campus is set within an impressive 300 acres, incorporating a variety of semi-natural habitats, including grassland, woodland and wetland. The Downs is designated as a Local Wildlife Site (LWS) for its county-level nature conservation importance. These habitats in turn support a wide range of plants, fungi, invertebrates, amphibians, mammals and birds.

University Park is situated in close proximity to other green-scape sites including Wollaton Park and Beeston Sidings which are both LWS. At its southern boundary, the campus merges with Highfields Park, which is owned by Nottingham City Council and managed as a public park.

The ecological value of University Park was initially assessed during a Biodiversity Audit carried out by EMEC Ecology in 2009, which included a desk-based study and an extended Phase-1 habitat survey. This assessment determined the campus as a whole to be of District level importance due to its diversity of habitats, presence of protected species and inclusion of the LWS. Following the Biodiversity Audit, a Biodiversity Management Plan was produced in 2010 by Baker Shepherd Gillespie, which outlined management and improvement measures to be undertaken in subsequent years.

Further surveys to update previous results and to cover new groups were carried out during spring and summer 2017 by EMEC Ecology. This included: evening bat activity transects, a botanical survey, a reptile survey and terrestrial invertebrate surveys. **Pre-existing information and results from this season's surveys have been used to inform the production of a Biodiversity Action Plan (BAP) for University Park.**



Above: Invertebrate sampling on campus

The Key BAP Objectives are:

- Improve the overall biodiversity value of the campus for the benefit of wildlife and people.
- Safeguard important habitats and protected and notable animal and plant species found on campus.
- Manage habitats in a way that maximises their benefit to wildlife.
- Create new wildlife habitats to benefit a wide range of animals and plants.
- **Raise awareness about the campus' wildlife and biodiversity, encourage staff and students to get involved with initiatives.**

The main activity survey results from surveys that were carried out during 2017:



Bat Activity

Combined with pre-existing data, confirmed the presence of seven bat species on campus.

- Common pipistrelle
- Soprano pipistrelle
- Nathusius' pipistrelle
- Noctule bat
- Brown long-eared bat
- Whiskered bat
- Daubenton's bat

Botanical Surveys

Four sample locations selected for in-depth survey: tall grassland at and near Cripps Hill, the Downs, woodland around the orchard, amenity grassland to the north of the lake.

The Downs 27 species of plants identified from 10 quadrats – 9 grasses and 18 herbs. Herbs indicating less intensively improved neutral grassland habitat which included **Lady's bedstraw, Pignut (old grasslands), Yellowrattle, Lesser stichwort** and Great Burnet.

Roadside meadow at Cripps 23 plant species of identified. Classic neutral **grassland species, but also acid grassland indicator species, which included Bird's-foot trefoil, Common knapweed, Meadow buttercup and Sheep sorrel.**

Terrestrial Invertebrate Survey

Four sample locations selected for in-depth survey: grasslands at and near Cripps Hill, the Downs., areas of tall grassland at woodland edges and the orchard and adjacent areas.

274 species of invertebrate recorded. Indicates relatively species-rich areas on the Downs and grasslands at Cripps Hill.

Three insects of national conservation status:

- The rove beetle *Sepedophilus testaceus* - Nationally notable status.
- The tree living weevil *Polydrusus formosus* - Nationally notable A status.
- The ground living weevil *Neliocarus faber* - Nationally notable B status and new to Nottinghamshire.

Other species of note:

- Ground living weevil *Graptus triguttatus*
- Coppery click beetle *Ctenicera cuprea*



Neliocarus faber
a wingless ground dwelling weevil. First record for Nottinghamshire.



Graptus triguttatus
Common on the Downs very scarce in Nottinghamshire.

Terrestrial Invertebrate Survey

Butterflies and day flying moths:

- Large white (*Pieris brassicae*)
- Red admiral (*Vanessa atalanta*)
- Small copper (*Lycaena phlaeas*)
- Essex skipper (*Thymelicus lineola*)
- Small skipper (*Thymelicus sylvestris*)
- Common blue (*Polyommatus icarus*)
- Holly blue (*Celastrina argiolus*)
- Meadow brown (*Maniola jurtina*)
- Ringlet (*Aphantopus hyperantus*)
- Yellow-legged clearwing moth (*Synanthedon vespiformis*)
- Chimney sweeper moth (*Odezia atrata*)

Key flies indicative of good quality grassland:

- Violet black-legged robberfly (*Dioctria atricapilla*)
- Common red-legged robberfly (*Dioctria rufipes*)



Above: Holly blue
Below: Yellow legged clearwing

Above: Essex skipper
Below: Small Copper



Section 8: Community and Marketing

Section 8 – Community Involvement

8.1 Our Customers

As a University our primary ‘customer’ base is quite different from most public parks. The majority are our students, both those that live on campus and those that live elsewhere but come onto the park each day for their studies. A few members of staff live on campus but numbers are relatively small and there are very few families with children. There will also be large numbers of staff that will come onto campus for their daily work. This report will go on to refer to other visitors but it must be emphasised that our main customer base is and will remain our 33,000+ students and 5000+ staff.

Results of surveys made within the University community show that the landscaped environment is valued by the majority of students and in some cases was instrumental in choosing to come to Nottingham.

"I have most liked the campus with its beautiful open spaces and nice architecture"

"The environment of the campus is very suitable for me. Its very beautiful!"

"I like the beautiful green campus and picturesque landscape"

"I have enjoyed being on a campus university with exceptionally kept grounds"

An important aspect of University income is our conference business and throughout the three vacation periods, the campus is busy with an ever changing population of conference delegates. One of the major selling points of the university as a conference venue is the landscaped park and however short the conference, it is obvious that most delegates notice and appreciate at least some aspects of University Park.

University Park has unrestricted public access. The main entrances are at

North Entrance— Off A52 Clifton boulevard & Derby Road roundabout

South Entrance—Off A6005 University Boulevard

West Entrance—Off Woodside Road / Broadgate Road roundabout

There are also many other pedestrian access routes onto the campus grounds.

Freedom of access by the local community is encouraged, there are cafes, a sports centre offering community use on a booking basis, active trail, various walking trails, ample outdoor seating, outdoor chess and table tennis in the Theatre gardens and spacious greenspace for informal games.

8.2 Friends of University Park

This group was established in January 2004 with the specific aim of encouraging members of the general public to use and enjoy University Park.

The Friends Group is managed by a steering group that has specifically chosen not to adopt a formal constitution and committee. Instead they have analysed the roles needed to continue and develop this work and a number of individuals have accepted responsibility for different tasks. It is felt that the group functions well in its current format without being unduly onerous to those organising it. The formal support of the University and its financial systems are available to support the group.

The group organises an annual comprehensive public events programme which is marketed throughout Nottinghamshire. The events consist of a number of specialist talks and tours and practical workshops that all relate to the diverse nature of the landscape.



Fungus Foray event
with Lee Scudder



They also organise a special family day in June entitled 'Picnic in the Park', which is an afternoon of fun for local people to come on campus and enjoy the beautiful surroundings, where there is music, children's activities, heritage and garden tours and cream teas, centred in the tranquil grounds of the Millennium Garden.

The gardens are opened as part of the National Garden scheme (NGS). We have hosted jazz, brass and dance bands in the gardens and opened the greenhouses to the public on several occasions. Community, bulb and wildflower plantings have taken place.



The Friends also offer guided walks for groups from Horticultural Societies or Social Clubs. On average 12-16 of these guided tours take place each year and include Garden Walks, Tree Trails and Heritage tours.

More details about the Friends of University Park can be found at <https://www.nottingham.ac.uk/sustainability/grounds/friendsofuniversitypark.aspx>

8.3 Volunteers

Previously, the Friends have been involved in various projects around campus, which has included the restoration of the Jekyll Garden and Lenton Firs rock Garden.

A Student's Union group called the Conservation Society also undertake volunteers' sessions on campus and there are opportunities for the Friends of University Park and the public to join up with the SU Conservation Society for their community food growing, where sessions take place on Saturday mornings.

8.4 Lakeside Community Engagement

Nottingham Lakeside Arts (NLA) is the University of Nottingham's public arts programme and offers people of all ages the chance to engage with high quality, diverse arts and heritage through our year round programme of visual arts and crafts, theatre and dance, music (chamber, world, folk, and jazz), museum of archaeology, and participation programmes.

The Arts Centre is situated in the beautiful surroundings of University Park and Highfields Park, providing an accessible cultural hub for communities to engage with free/subsidised performances and programmes throughout the year. The extension of the Nottingham tram in July 2015 has enabled new and different communities to access Lakeside much more easily, with a tram stop adjacent to the venue.

With the tram's arrival, NLA were able to develop new education programmes targeted at the 60 schools within walking distance of a tram stop; titled *A Grand Day Out*, we offer classes the opportunity to participate in curriculum-related and great fun – activities over the course of one school day including archaeology, environmental science/biology in the park, drama, and visual arts.

Audiences and participants who visit NLA's broad-based programme are drawn from all over Nottinghamshire, Leicestershire and Derbyshire, to experience major exhibitions, festivals and performances by visiting UK and international theatre and dance companies, musicians and artists. We work closely with a range of external agencies and partners to seek funding to develop exciting outreach, education and community programmes which extend opportunities and to take advantage of the arts and heritage programmes.



Above: Half term family storytelling sessions

NLA delivers at least 5 major free events each year targeted at diverse communities and age groups across the East Midlands:

Chinese New Year/Spring Festival, January/February (Up to 5,000 visitors/participants – Free entry) The Spring Festival is the most widely celebrated event in the Asian calendar. Traditionally a family celebration, each year we invite Chinese artists to work with community groups, schools and other professional artists in a series of workshops, classes and rehearsals culminating in a performance, exhibition and eagerly awaited fireworks finale.

Wheee! Lakeside's international Children's theatre and dance festival, May (Up to 4,000 visitors/participants at free family weekend/16,000 overall – Free entry) Since 2005 when it began, Lakeside's International Children's Theatre and Dance Festival has become a key event in the regional arts calendar attracting more than 35,000 children and families who have enjoyed performances by top companies from Spain, Italy, Germany, Denmark, Québec, Hungary and the UK. Free activities and workshops are on offer throughout the festival, and the Festival Free Family Weekend features outdoor performances, walk-about street theatre, and lots of creative participatory sessions in arts and crafts.



Nottinghamshire Local History Day, June (Up to 500 Visitors – Free entry) Delivered in partnership with up to 30 local history, archaeology and social history groups, this is a unique platform for information exchange across the groups, and with the general public. There are handling sessions, lectures and talks which will improve knowledge and encourage sharing of skills.

The Big Draw, October (up to 500 Visitors – Free entry)

NLA has participated in this nationally recognised event for a number of years encouraging children and their families to pick up a pencil, a piece of charcoal, crayons, pens, colouring pencils and be inspired to draw.

Diwali Festival of Lights, November (Up to 3,000 visitors/participants – Free entry). Diwali is a festival of light celebrated by millions of Hindus, Sikhs and Jains across the world, celebrating new beginnings and the triumph of good over evil and light over darkness. Lakeside works closely with the Nottingham Asian Arts Council to deliver a programme of free culturally-specific workshops.



Chinese New Year projection on the Trent building

8.5 Marketing

The University has made deliberate efforts to make the local community aware that the park is open to all those who wish to enjoy it. This started with the production of a free full-colour leaflet '**University Park - Gardens Guide & Tree Walk**'. This is available from our Visitor Centre, the Lakeside Pavilion, the East Midlands Conference Centre and at the gatehouses at each entrance. There is an electronic form of the Gardens Guide, Heritage Walk, Geology Walk, Winter Tree Walk all available on the University website. and it is intended to request links to this from other horticulturally based sites.

<https://www.nottingham.ac.uk/sustainability/grounds/friendsofuniversitypark.aspx>

A smaller leaflet has also been produced, which is distributed more widely in public libraries, the local tourist information centres and shopping centres. Each year events leaflets are produced and these are also distributed through local libraries and to gardening societies. The Friends have an extensive mailing list, also events are advertised in the Nottingham Community Arrow and Lenton and Wollaton Community Arrow publication, Beeston Express, the Nottingham Post.

University Park is currently marketed on the main University Website

<https://www.nottingham.ac.uk/about/campuses/universityparkcampus.aspx>

The website contains an abundance of information for the visitor this includes

- Directions and Map
- Academic buildings
- Sustainability
- Awards
- Link to restaurant and cafeteria facilities
- Images

<http://www.nottingham.ac.uk/hospitality/cafesbars/universitypark.aspx>

The Environmental Team have strong relations with both staff and students communication teams and work closely to ensure key opportunities for involvement are advertised to all. The team uses social media such as Facebook and Twitter, where it currently has over 1700 Twitters followers. The team also uses Instagram for sharing photographs of campus as well as landscape and biodiversity updates. There is also a Sustainable Nottingham newsletter, which **carries stories about reducing the University's carbon footprint and campus** related biodiversity events.

The activities organised by the Friends of University Park are currently advertised through the following link:

<http://www.nottingham.ac.uk/sustainability/grounds/friendsofuniversitypark.aspx>

Within the University Community Message of the Day which appears on all University Computers when they are turned on is effectively employed.

Local media is also used for advertising activities and events

- Nottingham Post Newspaper
- The Beeston Express Newspaper
- Smooth Radio
- Nottingham City Council Area Officers
- Nottingham Arrow Community Magazine
- <http://www.nottinghamcity.gov.uk/index.aspx?articleid=15562>
- Green Flag Park Website

8.6 Commemorative Trees and Benches

For many years, the University has encouraged the planting of commemorative trees. Sometimes these may be just generous donations from those with an interest in trees and a love of University Park. More commonly they will commemorate a member of staff or student who has died. These living memorials to the deceased are welcomed.

The wishes of the donors or interests of the person being commemorated are always considered but within the framework of the overall landscape. In this way many interesting trees have been added in recent years, some planted by notable personalities. Brass plaques are allowed but wherever possible, these are affixed to the nearest building rather than set next to the tree to avoid the 'graveyard' style. **Benches are sometimes donated in a similar way to commemorate an occasion or person.**

Section 9: Action Plan



Section 9 Action Plan

University Park Grounds Action Plan 2018 - 2023 How Will We Get There?

The Action plan has been developed to cover 2018 onwards.

The action plan will be monitored quarterly and progress reviewed and reported annually.

An updated action plan for University Park is generated during December when the plan is reviewed as part of the University's submission process for the Green Flag Award.

Key:

JW	Jamie Whitehouse, Grounds Manager
DB	David Beadle Grounds Maintenance Manager Arboriculture and Landscape
G	Greg Smith, Grounds Maintenance Manager Sport
DP	David Parkhouse, Assistant Grounds Maintenance Manager
LR	Lee Reed, Assistant Grounds Maintenance Manager
GS	Gavin Scott, Environmental Officer
EK	Emma Kemp, Environment Assistant
TR	Tim Rudge, Energy Manager
SB	Serena Brown, Environmental Assistant
SC	Steve Cavill, Engineering Technical

Objective	Action	Year	Lead officer	Budget / Resource
Welcome	Design, grow and plant an attractive seasonal bedding schemes at West and North Entrances.	Annually	JW	
	Design, tender and deliver new soft landscaping planting scheme for the new Teaching Building.	Design start: Feb/March 2018	JW	
	Work in partnership with consultants and contractors in the delivery of a new landscaping scheme at new Cripps Health Centre	2018	JW	
	Develop a arts feature in partnership with Lakeside Arts centre	May 2018	Lakeside	£25,000
	Introduce steel edging to parterre and replace existing planting with more appropriate planting.	January 2019	SG / DP	
Health, Safe & Secure	Improve the circular bed by Law and Social Sciences.	Spring 2018	JW / SG	
	Review training matrix	Annually May	JW	
	Inspect lifebuoy stations	Weekly	DP	
	Review Grounds maintenance operational H&S arrangements – initially COSHH & risk assessments : Trees / Haulage – DB, Sport – GS Landscapes – DP, Nursery – LR	Complete by June 2018	LR / DB / DP & GS	
	Undertake an external furniture audit and upload data on the new GIS asset management software. Produce drawing containing data. Implement monthly inspection of paths and external furniture	June/July 2018	DB/DP	
		June/July 2018 onwards	DP	

Objective	Action	Year	Lead officer	Budget / Resource
Health, Safe & Secure	HAVS - Implementation of new Hand held Vibration management system and monitor teams daily and create reports weekly.	February/March 2018 onwards	LR / DB / DP & GS	£15,000
	Review and implement gritting rota	October 2018 / annually	DB/DP	
	To implement the annual tree risk management inspection, level 4 tree surveyor: Red Zones – annually / eighteen months Amber Zones – Three Yearly Green Zones – Five / Six yearly In house staff to undertake annual inspection of zones outside of their level 4 inspections.	June / July annually	DB	
	Review Code of Practice for the protection of landscape features including trees.	November 2018	DB	
	To deliver tree works that's been identified via the annual tree risk management process and any other surveys in a timely manner.	August to March	DB	
Well Maintained & Clean	Review grounds maintenance schedules	Nov 2018	JW/DB/GS	
	Review road sweeping & litter collection – consider opportunities to utilise existing resources, especially through non peak times.	July 2018	DP / DB	
	Water features – inspect / maintain 3 times per week from April to September, winter 1 or 2 times per week depending on climatic conditions as per written procedures.	On going	LR	£2,000
	Water features – quarterly servicing of features by external specialist contractor (Tills).	On going	LR	£15,000
	Water feature – Severn Trent to risk assess for legionella management	Spring 2018	SC/LR	

Objective	Action	Year	Lead officer	Budget / Resource
Well Maintained & Clean Environmental Management	Quality site monitoring – These are graded to quality targets and action as necessary.	Monthly	DP/LR	
	Continued expansion of on- street recycling	Ongoing	GS	10000
	Additional cycle facilities in the Science and Engineering area of campus	18/19	GS	15000
	Enhancements to the cycle corridor on the eastern boundary of campus in conjunction with HE	19/20	GS	n/a
	#Beasts of UoN photo exhibition	18/19	SB	1000
	University wide Plastics reduction campaign targeting single use plastics	18/19	GS/ SB	TBA
	Implementation of an Environmental Management System across University Glasshouse nursery biological control to reduce the use of pesticides.	On going	GS / EK	
Biodiversity, Landscape and Heritage	Glasshouse nursery biological control to reduce the use of pesticides.	On going	LR	
	Implement the actions from the Biodiversity Action Plan	Review Annually	JW	
	Develop conservation projects for students and local FQUP	Review annually		
	Submit funding for additional wildlife survey work following 2017s survey.	Dec 2017		£3500
	Appoint ecological consultants & produce programme.	February 2018		
	Increase diversification of meadow in orchard area adjacent to Millennium Garden	Summer 2018	SG	

Objective	Action	Year	Lead officer	Budget / Resource
Biodiversity, Landscape and Heritage	Arboretum – submit application for surplus stock from Kew Botanic Garden	Annually / December	JW	
	Arboretum – Complete tree audit / database of remaining collection areas.	July 2018	DB	£9,000
	Arboretum – identify any tree work requirements impacting on 2018 planting works and action them.	March 2018	DB	
	Arboretum – Complete design and appoint landscape contractors to undertake tree planting works	March 2018	JW	
	Replant the herbaceous borders of the walled garden and review climbers.	Spring 2018	SG	£750
	Develop a new sub-tropical theme for the Walled Garden	From Spring 2018	JW / SG	£500
	Introduce steel edging to Trent parterre – phase works.	2019 - 2021	SG / DP	£1000
	Introduce a replanting programme of the Trent parterre and replace amenity planting with more appropriate planting.	2019 - 2021	JW/SG	£1000
	Design and replant Hugh Stewart Garden	2020	JW/SG	
	Design and replant Jekyll Garden at Lenton Hurst	2021	JW/SR	
	Consider the introduction of a winter themed garden	2020	JW/SG	
	Review existing planting and enhance the Lenton Rock Garden	2022	JW	
	Nightingale Hall – replant shrub bed following control of columbine.	2018/19	SR	

Objective	Action	Year	Lead officer	Budget / Resource
	Develop and deliver events programme that promotes access to the local community and allow visitors to engage and enjoy the landscape	January 2018 onwards	JW / FOUP	£750
	Develop conservation projects for students and local FOUP	Review annually	JW / Conservation Society	£500
	Develop a leaflet to allow visitors to know more about FOUP and to promote heritage / garden tours.	March 2018	FOUP	£150
	To refresh the University Park geology and heritage booklets and reprint		FOUP	£450
	Consider delivering heritage tours in costume.	March/April 2018	FOUP	
	Annual review of Grounds and FOUP website	Annually / April	JW / FOUP	
Marketing and Communication	Develop new marketing / social media volunteer role for FOUP	March 2018	JW / FOUP	
	Development of an arboretum app to allow visitors and customers to engage with the landscape	February to September 2018	JW	£15,000

Section 10: Appendices



Appendix 1 Accolades





Estate Office Accolades Listing

(Updated July 2017)

Buildings/Premises

<u>Year</u>	<u>Awarding Body/ Group</u>	
	George Green Library	
2017	RIBA award	Winner of regional award and Sustainability Award
	Ingenuity Centre	
2017	UKSPA – Environmental Sustainability Award	Highly commended
	All Campuses	
2017	Academic Venue Awards – Best outdoor space	Winner
2017	CHS Awards – Best Auditorium & Best Green/Sustainable Venue	Winner
	Construction News – Client of the Year	Winner
2017	Institute of Groundsmanship Awards 2016 – Best Maintained Artificial Pitch	Winner
2016	Institute of Groundsmanship Awards 2016 - Best Maintained Artificial Pitch	
2016	UI GreenMetric World University Ranking	2nd
2016	People and Planet Green League	70th 2.2 award
	GlaxoSmithKline Carbon Neutral Laboratory for Sustainable Chemistry	
2017	Considerate Constructor - £10 - £50m National Site Award 2017	Winner – Gold Award
2017	Construction News – 2017 Specialists Awards – Project of the Year	Winner
2017	H&V Awards 2017 – Renewable project of the year – commercial/non-residential	Winner to AECOM for GSK
	RICS Regional Awards - Design through innovation	Category Winner & Project of the Year Winner
2017	S-Lab – Best Physical Sciences building	Winner
2017	Offsite Awards – Education project of the year & Best Use of Timber	Commended
2017	RICS National Awards - Design through innovation	Shortlisted as category/ regional winner
	Construction news – Awards 2017 – Sustainable Project of the Year	Winner to Morgan Sindall for GSK
2017	Construction News – Awards 2017 – Client of the Year	Winner to UoN

2017	Insider East Midlands Property Dinner Awards 2017 – Sustainable Project	Winner
2017	RICS – National Awards – Design Through Innovation	Short listed as category/ Regional Winner
2017	Building Magazine Awards 2017 – Sustainability Project of the Year	Winner
	Construction News – 2017 Specialists Awards	Winner
2016	NEP Environmental Awards – Environmental Development	Winner
	Structural Timber Awards 2016: Structural Timber Association and others Client of the Year Architect, Contractor, Low Energy & Project of the year	Winner Highly Commended
2016	Education Estates – Project of the Year	Winner
2016	Forum for the Built Environment – Non-residential scheme	Winner: Non-residential project and overall
	Institution of Civil Engineers – East Midlands Merit Awards 2016	Commended
2015	Brown Field Briefing Awards – Best Sustainable Building on a brownfield site	Winner
	The Barn	
2015	RIBA – RIBA 2015 Design Awards – Regional award	Awarded
2015	RIBA Design Awards – Regional Award for Sustainability	Winner
2015	ProCon Awards 2015 – Construction Project of the Year	Winner
	Romax	
2015	RICS – RICS East Midlands Award – Design and Innovation category and Commercial category	Highly Commended
2014	Insider/East Midlands Property Dinner – Sustainability	Winner
	Orchard Hotel	
2014	LABC – Best Large Commercial Building – National	Winner
2014	LABC Best Commercial Building	Winner
2013	Insider/ East Midlands Property Dinner – Design Award	Winner: Design Award
2013	RICS Awards 2013 - Hotel & Tourism/ Design & Innovation Award	Winner: Tourism & Leisure
	Highfield House	
2013	RIBA Awards – RIBA Design Award	Winner: Conservation Award Client of the Year
2013	RICS Awards 2013 - Conservation/Regeneration Design Award	Highly Commended

	Si Yuan Centre	
2014	ACE - Building Services – Engineering Excellence –	Highly Commended
2013	Insider/ East Midlands Property Dinner – Judges Special Award (one-off award for scheme’s overall quality)	Winner
2013	CIOB Project of the Year ‘Commitment to Construction in the East Midlands’	Highly Commended
2013	Construction News Project of the Year under £10m Construction Award	Highly Commended
2013	RICS Awards 2013 - Design and Innovation Award	Highly Commended
	Energy Technologies Building	
2014	BRE – BREEAM Awards 2014	Winner
2013	Construction News – Sustainable Project of the Year under £10m	Highly Commended
2013	ACE Centenary Engineering Excellence Awards 2013 – Building Services Large Design Award	Winner
2013	RICS Awards 2013 – Design and Innovation Award	Highly Commended
	Institute of Mental Health	
2014	CIAT – Technical Excellence	Commended
2013	Construction News – Project of the Year under £10m Construction Award	Highly Commended
	Engineering & Science Learning Centre	
2012	RIBA East Midlands Award for Architecture	
2012	Considerate Constructor Scheme (CCS) National Site Awards to ‘recognise and award exceptional levels of consideration against the scheme’s code’.	Bronze
	Humanities	
2012	ICE East Midlands Merit Awards (EMMAs)	Highly Commended
	Bio-Energy	
2012	Building Excellence 2011 ‘Best Educational Development’ – Local Authority Building Control ‘to promote quality in the construction industry.	Winner
	Gateway Building (Bio-Sciences)	
2012	CIOB Committed to Quality awards – Excellence and Quality - to promote excellence in the construction industry.	Winner
	Nottingham Geospatial Building	
2010	RICS Awards East Midlands	Short-listed in the category of ‘Regeneration’
	Sir Colin Campbell/Yang Fujia/ Amenities Buildings and Aspire Sculpture	

2010	RICS Awards East Midlands	Highly Commended in the category of Sustainability
2009	Award of Certificate of Craftsmanship to ROK Building Ltd	
2009	Lord Mayor's Awards for Urban Design 2009	Commendation for Public Realm for the Innovation Park
2009	The Institution of Structural Engineers North West Regional Structural Awards – 'Commendation for a project constructed outside the North West' for the 'Aspire' sculpture, presented to the Project Client	
2009	The Institution of Structural Engineers North West Regional Structural Awards	Commendation for a project constructed outside the North West' for the 'Aspire' sculpture, presented to the Project Contractors
2009	EMPD (East Midlands Property Dinner Limited) Design Excellence Award (<i>sponsored by EMDA</i>)	Presented to Make Architects
2009	Engineering Excellence Awards (ACE)	Commendation
2009	Nottingham Civic Society	Commendation
2009	Nottingham Evening Post Commercial Property Awards (Commercial Property and Science City categories) –	Winner: Science category Runner up: in Commercial Property category for the Sir Colin Campbell Building
2009	Nottingham Science City Development Project Award – Sir Colin Campbell Building	
2008	Nottingham Civic Society - Award for 'Aspire' sculpture	Commendation
2005	Times Newspaper	Britain's Top 5 Greenest Buildings
	Kings Meadow Campus	
2007	The Lord Mayor's Awards for Urban Design 2007 – New Build Category Learning Curve Canopy	Winner
2007	RIBA EM Awards 2007. RIBA East Midlands Award for Architecture Learning Curve Canopy	Commended
2007	Presented to Thomas Fish by The East Midlands Joint Consultative Committee for Construction	Craftsmanship Award
	Centre for Biomolecular Sciences (Phase 2)	
2007	Nottingham Civic Society - for the Centre for Biomolecular Sciences (phase 2)	Commendation
	The Business School Centre & Auditorium	

2005	Notts Civic Society	Commendation
	Built Environment Studio Building	
2005	Brick Development Association	Best Public Building Runners up
	National College for School Leadership	
2004	Civic Trust Award	Commendation
	Centre for Biomolecular Sciences	
2004	Craftsmanship Award for the stonework presented to Thomas Fish by the Nottingham Construction Federation	
2004	Civic Society	Commendation
	National College for School Leadership	
2004	Nottingham Civic Society	Commendation
	Portland Building	
2004	Nottingham Civic Society	Commendation
2003	RIBA – Award for Architecture	
	D H Lawrence Pavilion	
2002	RIBA Award for Architecture	Short-listed
2002	Civic Trust Award	
2001	The Gordon Graham Award for Building of the Year (Regional RIBA Awards)	
2001	East Midlands Joint Consultative Committee: Craftsmanship Award: The Café Counter	
	Jubilee Campus Phase 1 Buildings	
2001	Aluminium Extruders Association Awards	Commendations
2001	East Midlands Joint Consultative Committee: Craftsmanship Award: The Building	
2001	Royal Institute of British Architects RIBA Award for Architecture	
2000	British Construction Industry Awards (BCIA) – Building Project of the Year	
	Swimming Pool	
1997	Civic Trust Award	
	Lenton Grove	
1995	Civic Society Commendation – Lenton Grove	

Sustainability/Environment

<u>Year</u>	<u>Award</u>	
2017	UI GreenMetric World University	Ranking 2 nd
2017	Green Flag Awards, University Park	Winner
2017	Green Flag Awards, Jubilee Campus	Winner
2017	IOG Best Maintained Artificial Pitch of the Year	Winner: UoN

2017	Academic Awards Venue – Best Outdoor Space	Winner
2017	Green Flag Award, Jubilee Campus	Winner
2017	Green Flag Award, University Park	Winner
2016	IOG Best Maintained Artificial Pitch of the Year – University of Nottingham	Winner
2016	Green Gown Awards	Winner: Student Award won by Andy Stride
2016	Green Flag Park Award, University Park	Winner
2016	Green Flag Park Award, Jubilee Campus	Winner
2016	Green Gown Awards – Community - A New Woodland for Biodiversity and the Community for Diamond Wood -Sutton Bonington	Finalist
2015	UI Green Metric World University Ranking	First – Nottingham named the most environmentally friendly campus
2015	RIBA Design Awards – Awarded Regional Design award	Winner: Sustainability
2015	2015 Green Gown Awards - Enterprise & Employability (Enactus Nottingham)	Winner
2015	2015 Green Gown Awards – Carbon Reduction	Highly Commended
2015	2015 Green Gown Awards – Facilities and Services (Helium – Lost in Space)	Highly Commended
2015	2015 Green Gown Awards – Research and Development (Creative Energy Homes)	Finalist
2015	DesignCurial named University of Nottingham in 'World's 10 Best Green Universities' –	Gateway Building mentioned
2015	Green Flag Park Award Jubilee Campus	Winner
2015	Green Flag Park Award University Park	Winner
2015	People and Planet Green League	Ranking – 42 nd – 2.1 award
2014	UI Green Metric World University Ranking	1 st – Nottingham named the most environmentally friendly campus
2014	Green Gown Awards for the pioneering Massive Online Open Course 'Sustainability, Society and You	Highly Commended
2014	Public Sector Sustainability Awards for Education Sector	Runner-up
2014	Green Flag Park Award Jubilee Campus	Winner
2014	Green Flag Park Award University Park	Winner
2013	People and Planet Green League	Ranking – 70 th – 2.1 award
2013	UI Green Metric World University Ranking	1 st – Nottingham named the most environmentally friendly campus

2013	RHS 'It's Your Neighbourhood' Awards, Sutton Bonington Allotment, Level 4	Thriving
2013	Nottingham in Bloom Committee Special Award for an Outstanding Contribution to Nottingham in Bloom	
2013	East Midlands in Bloom Regional Award for Horticultural Excellence in Parks	
2013	Green Flag Park Award, Jubilee Campus Grounds, Keep Britain Tidy Org	Winner
2013	Green Flag Park Award, University Park Grounds, Keep Britain Tidy Org	Winner
2012	People & Planet Green League	Ranking 57 th , 2.1 award
2012	UI GreenMetric World University	Ranking – 2 nd
2012	Times Higher Education Awards	Outstanding Contribution to Sustainable Development
2012	Green Gowns – Learning & Skills	Highly Commended
2012	RHS Britain in Bloom It's Your Neighbourhood Campaign – Sutton Bonington Allotment Society, Level 4	Thriving
2012	RHS Britain in Bloom It's Your Neighbourhood Campaign – University of Nottingham Allotment Society, Level 3	Developing
2012	Nottingham in Bloom – Best Business Premises	Gold Award for North Entrance
2012	Civic Trust Green Flag Award for University Park	Winner
2011	UI GreenMetric World University	1 st . Nottingham named the most environmentally-friendly campus
2011	People & Planet Green League –	Ranking 83 rd , 2.2 award
2011	Nottingham in Bloom	Best Business Gold Award
2011	RHS Britain in Bloom It's Your Neighbourhood Campaign – University of Nottingham Allotment Society, Level 5	Outstanding
2011	Civic Trust Green Flag Award for University Park	
2010	UI GreenMetric World University	2 nd – Nottingham ranked second in a league table of the world's most environmentally-friendly higher education institutions.
2010	Green Gowns	Highly Commended (Continuous Improvement)
2010	People & Planet Green League –	Ranking 53 rd , 2.2 award
2010	Nottingham in Bloom	Best Business Category for North Entrance

2010	Civic Trust Green Flag Award for University Park	
2009	University Environmental Champions Network awarded the Nottingham Wildlife Trust's "Living for Tomorrow" award in the 2009 Green Guardian Awards	
2009	People & Planet Green League	Ranking 38 th
2009	Civic Trust Green Flag Award for University Park	
2009	Nottingham in Bloom – 'Best Business' Category	Gold Award for the University North Entrance Summer Bedding Plant Display
2008	People & Planet Green League	Ranking 56 th
2008	Royal Horticultural Society 'Britain's Best Flower Bed' (School/College category)	
2008	East Midlands in Bloom 'Greenspace East Midlands Award for Horticultural Excellence'	
2008	Civic Trust Green Flag Award for University Park	
2007	Civic Trust Green Flag Award for University Park	
2006	Nottingham in Bloom Award – Best Business Premises	Gold Award
2006	Civic Trust Green Flag Award for University Park	
2005	Britain in Bloom UK Finals 'Public Park Award' - a special discretionary award "presented to the park designed for horticultural excellence, giving delight to the visitor through appropriate planting, high standards of maintenance including infrastructure, conserving wildlife, cleanliness and features of interest"	
2005	Civic Society Commendation (linked to Green Flag)	
2005	Civic Trust Green Flag Award for University Park	
2005	International Energy Globe Award – Jubilee Campus	
2004	Nottingham in Bloom	Best Business Premises 2004
2004	Civic Trust Green Flag Award for University Park	
2003	Nottingham in Bloom	Best Business Garden for North Entrance Display
2003	East Midlands in Bloom	Judges Award for the Landscape at Jubilee Campus

2003	Civic Trust Green Flag Award for University Park	
2002	Civic Trust	National Award
2002	Civic Trust Awards – Millennium Garden	Commendation
2002	Civic Trust Awards – Jubilee Campus	Special Award for Sustainability
2001	Nottingham in Bloom	Award for the Best City Landscape
2001	East Midlands in Bloom	ILAM Award for Horticultural Excellence
2001	British Association of Landscape Industries – Millennium Garden	Principal Award
2001	Nottingham Civic Society – Millennium Garden	Commendation
2001	The RIBA Journal – Jubilee Campus	Sustainability Award
2000	Nottingham in Bloom	Outstanding Long Term Contribution
1999	Nottingham in Bloom	Overall Third
1999	Millennium Marque – Jubilee Campus	Award for Environmental Excellence
1998	Nottingham in Bloom	Overall Second
1997	Nottingham in Bloom	Overall Second
1996	Nottingham in Bloom	Overall Third
1995	Nottingham in Bloom – Best Spring Bedding Display	Category Winner

General

<u>Year</u>	<u>Award</u>
2016	Customer Service Excellence Award – Halls Management
2014	Association of University Chief Security Officers Annual Awards - Security Initiative of the Year (Joint Award Mark Davis & Robert Payne).
2013	Insider/East Midlands Property Dinner ‘Special Achievement Award’ for personal contribution to the sector – Winner: Chris Jagger
2012	Institute of Groundsmanship (IOG) Industry Awards – Most Promising Sports Turf Student of the Year for Susan Lawrence
2010	Association of University Chief Security Officers Annual Awards - Security Officer of the Year (Joint Award Mark Davis & Robert Payne).
2005	lIP re-accreditation – Estate Office
2002	Britannia National Home Builder Design Awards – Best House of the Future
2001	CABE Festive 5 – Top Five Developers Listing
2001	Commission for Architecture & the Built Environment (CABE) Festive Five Award in recognition of being one of the five most forward thinking and motivated developers
2001	Investors In People Accreditation – Estate Office

Appendix 2 Quality Monitoring Form



Estate Office - Monthly - Grounds Quality Sheet

Month Dec 17

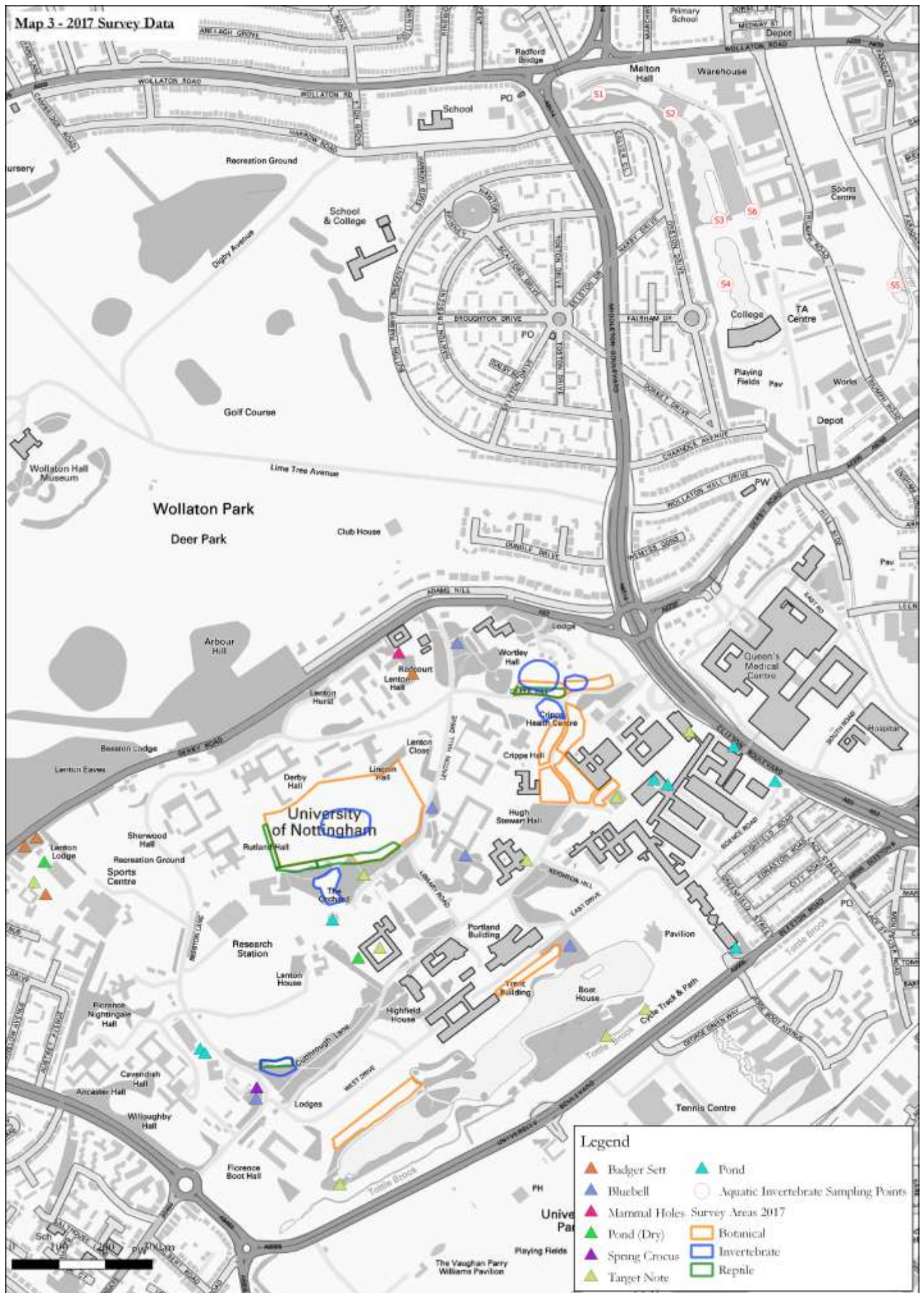
Quality Level : A = Meets Standard : B = Below standard/work required

Page 1		Team Leader S Robinson								Manager inspected
Area : Outer		Routine	Quality		Action		Completion			
		Priority	Level		Planned		Target			
			A	B	Yes	No	High	Med	Low	
1	North Entrance general	Medium	✓							
2	North Pedestrian Entrance	Medium		✓						
3	Lenton Firs Outcrop	High		✓						
4	Eco House	Medium	✓							
5	Built Environment & Paton House	Medium		✓						
6	Paton house	Medium	✓							
7	Jekyll Garden	Medium	✓							
8	Amphitheatre <i>N/A</i>	Medium	✓							
9	Redcourt	Medium	✓							
10	Lenton & Wortley Hall	Medium		✓						
11	Cripps Hall Annexe	Medium		✓						
12	Lincoln Hall	Medium		✓						
13	Lincoln Hall Wardens	Routine		✓						
14	Derby Hall	Medium	✓							
15	Derby Hall Wardens Garden	Medium	✓							
16	Sherwood Hall	Medium		✓						
17	Sherwood Hall Wardens Garden	Medium	✓							
18	Beeston lane & Derby Road Alley	Medium		✓						
19	Rutland Hall	Medium	✓							
20	Rutland Wardens Garden	Routine	✓							
21	Downlands	Medium	✓							
22	Lenton Lodge	High	✓							
23	Day Nursery (TLC)	Medium	✓							
24	Day Nursery (Sport Ctr)	Medium		✓						
25	Sports Centre & Pool	Medium	✓							
26	Fitness Suit <i>N/A</i>	Routine	✓							
No	Item Reported									Action By
TL Signature <i>S Robinson</i>		Date <i>Dec 17</i>								

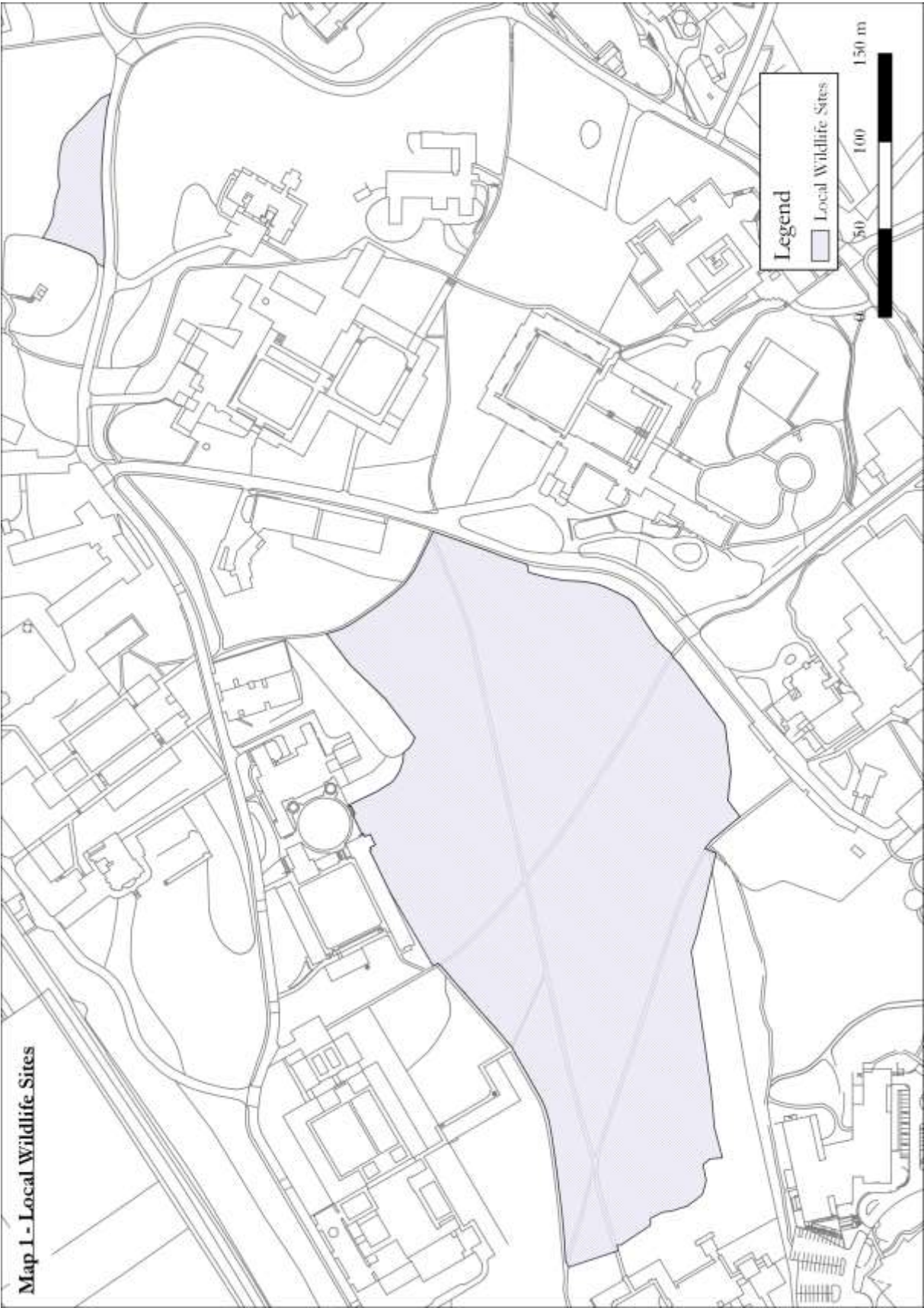
A photograph of a park scene. In the foreground, there is a lush garden bed with a variety of flowers, including purple verbena, red and orange geraniums, and red canna lilies. To the right, a large, ornate stone urn sits atop a stone pedestal. In the background, a group of people is walking on a path, and a large, leafy tree stands to the left. The sky is blue with some clouds.

Appendix 3 Wildlife Data

Mapping Results of 2017 Wildlife Surveys



University Park—Local Wildlife Sites (LWS)





**Jamie Whitehouse
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