



Arundel Streetscape Improvements

Submission to Arundel Town Council
April 2018

LUC Design, London

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Foreword

LUC is delighted to make this submission to Arundel Town council for the Arundel Streetscape Improvements project. We agree with the brief that Arundel is one of the most attractive heritage towns in the country with a wonderful landscape setting at the foot of the South Downs. There is a great community spirit and the town centre feels as though it is thriving. This study will combine strategic public realm and wayfinding design, building on the town's strengths to make it even better and to seek new opportunities for its development.

We understand that this commission comes out of a need to improve the quantity and quality of the public realm in the study area in order to meet the objectives of the Arun District Council Leisure & Cultural Strategy 2013-28 and Arundel Town Council's current and emerging Neighbourhood Plans. The Leisure & Cultural Strategy highlights that the "quality of the public realm between the buildings is poor... Vehicles dominate, there is too much tarmac and there are some ugly gap sites". This study provides an opportunity to improve the public realm, to protect and enhance open spaces, and to improve accessibility and sustainable active transport opportunities. The study asks how the town will address the clear threats from private vehicles – the traffic and parking dominating much of the historic core of the town, and the severance of the town by the A27.

In this document, we introduce LUC and our proposed project team and describe some of the projects which we have successfully completed. We will present our initial thoughts on how we would approach the project, the programme and methodology we would use, and how we would resource the study.

LUC has over fifty years of experience in environmental consultancy, employing landscape architects, environmental planners, urban designers, landscape managers, ecologists and digital designers. We were founded by environmental pioneer Max Nicholson and our work has always been underpinned by sustainability. Our practice incorporates over 130 professional staff across six UK offices and our design specialisms cover public realm, historic landscapes, parks, housing, education and play. Our work ranges in scale from large-scale regeneration and reclamation schemes to delicate small-scale parks and gardens; and includes: the Eden Project, Cornwall; North Park Hub, Queen Elizabeth II Olympic Park; Stowe Gardens for National Trust; Greenwich Park WHS; Tower of London urban realm; restoration of Temperate House at Royal Botanic Gardens Kew; and, Underground Galleries at Yorkshire Sculpture Park. We will describe a few our projects most relevant to this commission later.

We hope this proposal will demonstrate that we have both the ability and the shared language to deliver an excellent scheme with you and the wider project team.

Adrian Wikeley FLI Director, Landscape Architecture

Resources

What are the qualifications and experience of the proposed team members?

To undertake this challenging project, LUC has assembled a highly skilled team of designers who have extensive experience on a variety of public projects including New Road, Brighton; Stanmer Park, Brighton; Priory Park, Reigate; Cassiobury Park, Watford; and, the National Maritime Museum, Greenwich.

LUC will lead the project, providing expertise in landscape and urban design, with support from our in-house town planners and ecologists. We propose to team up with collaborators with specialisms in engineering, wayfinding and cost management in order to address all of the key themes highlighted in the brief.

The core members of our team leading the project are Adrian Wikeley FLI, LUC director in charge; James Brisco CMLI, LUC Associate landscape and urban designer; Paul Morris, Civic Engineers director and, Richard Wolfstrome, narrative wayfinding and public art strategies. The design team will be supported by Mike Rolfe, quantity surveyor and director at FT Allen.

The following runs through the experience of those proposed team members.

Landscape & Urban Design – LUC

LUC are experienced and well known for our work on historic urban landscapes and how these can be repurposed and made inclusive and relevant to C21st society. We understand that the spatial experience of our towns and cities is fundamental in establishing distinctive, sociable and enduring places. At strategic masterplanning scale we promote placemaking principles to ensure that: public realm is stimulating; pedestrians and cycling connectivity is prioritised; activity and vitality is promoted; and, economic performance is improved. At detailed scale we strive for locally distinct and responsive design solutions that are not only creative and innovative, but practical, functional, sustainable and economically viable.

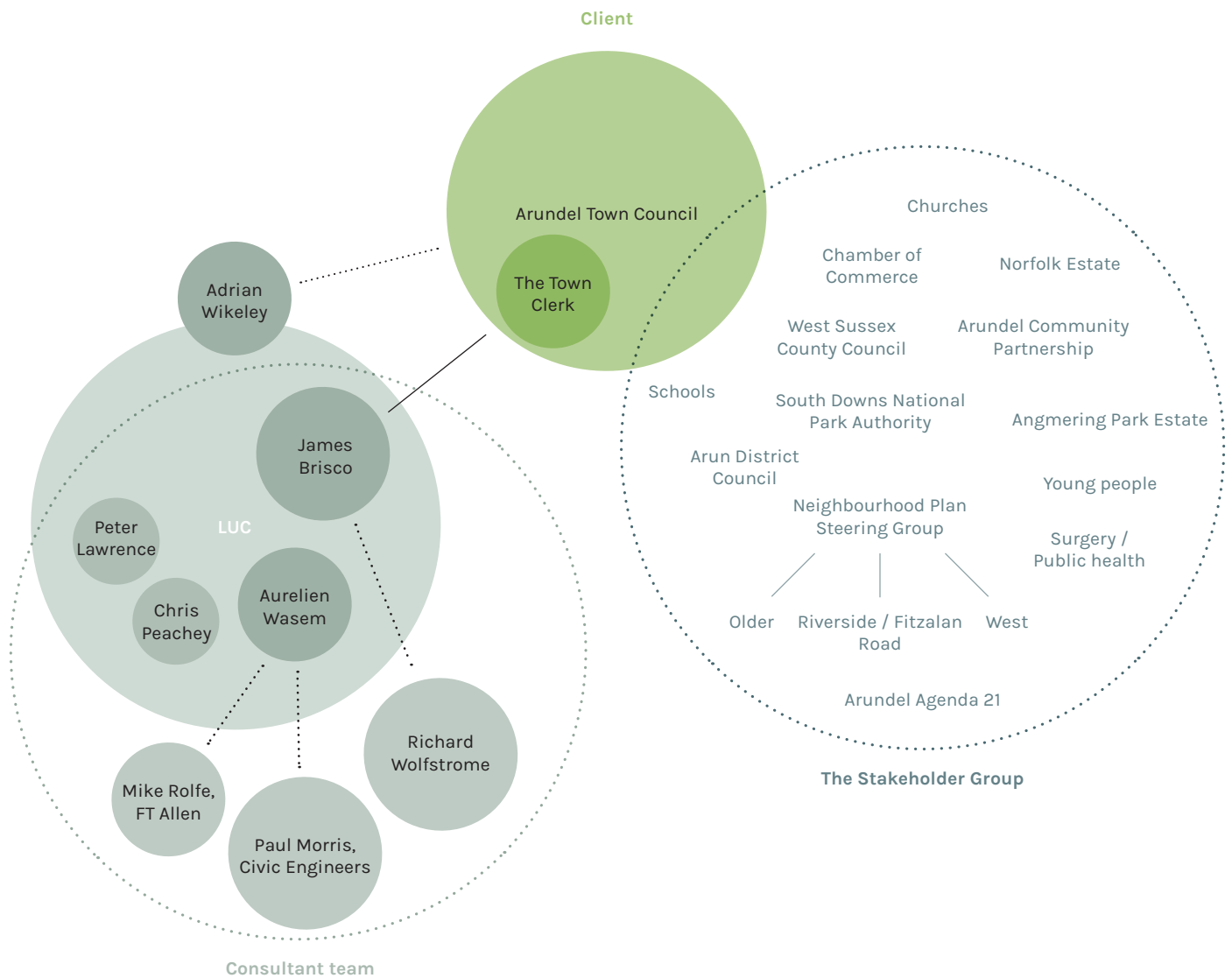
Each commission we undertake becomes the responsibility of one Director who will see the job through from start to finish, in this instance this would be Adrian Wikeley FLI who has been part of LUC's team since 1986 and has extensive experience in historic urban environments.

Adrian Wikeley BA(Hons) DipLA FLI Director, Landscape Architecture

Adrian is a board director at LUC, having joined the practice in 1986, and has more than 30 years' experience as a landscape architect. For the past 20 years, Adrian has worked on a considerable breadth of landscape design projects from the design and implementation of historic landscape work through to the creation of new build parks and major residential and commercial projects. Adrian's work includes Russell Square in Bloomsbury, and Priory Park in Reigate, Surrey. Adrian is a fellow of the Landscape Institute and previously a



Above Eden Project, Yorkshire Sculpture Park, St John Hackney



council member, and has also acted as a Heritage Lottery Fund project monitor and as a CABE enabler.

Adrian will act as Director in charge, responsible for overall project management and quality, and will provide expert advice regarding landscape heritage issues.

James Brisco BA(Hons) DipLA CMLI Associate Landscape & Urban Designer

James joined LUC in 2014 and is a designer with 15 years' experience in landscape and urban design projects including the award-winning shared space at New Road in Brighton in collaboration with Civic Engineers. An associate at LUC, he is currently designer on varied projects including a landscape masterplan for the National Maritime Museum in Greenwich, and public realm at Twickenham Riverside.

In addition to implementing landscape construction projects, James has extensive experience working with local authorities on preparing outline designs and guidance, both district wide and for specific sites including the Bishopric, Horsham and for Preston city centre. He has experience on



Milburngate, Durham

ecclesiastical sites including the new precinct at Blackburn Cathedral, outline guidance for Grimsby Minster and community participation work at Bow Church, East London.

James will be overall design lead on the project, coordinating the work of the design team and will be the primary client contact.

Aurelien Wasem BA(Hons) DipLA MArch Landscape & Urban Designer

Support on the landscape and urban design aspects of the project will be provided by Aurelien Wasem who joined LUC in 2018. Aurelian is a landscape architect and urban designer holding an MArch in Urban Design with distinction from the Bartlett school of Architecture, UCL and a BSc in Landscape Architecture from HEPIA in Geneva.

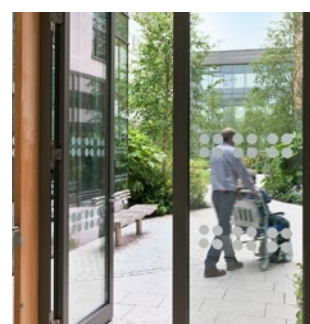
We bring our multi-disciplinary expertise to all of the projects we work on. As such we have made an allowance in our fee for input from our ecology and environmental planning teams. This adds value in terms of our layered understanding of sites and ensures that we fully understand the value the study brings to business development, and how it dovetails with the revised neighbourhood plan.

Peter Lawrence BSc (Hons) MSc MCIEEM Associate Director, Ecologist

Peter is an Associate Director at LUC and has professional experience of a wide range of ecological project work, with professional experience of a wide range of ecological project work including floral and faunal surveys, monitoring, mitigation and habitat creation and restoration schemes. Peter has particular experience in informing habitat enhancement projects, including feasibility studies, masterplanning, preparation of Habitat Management Plans and input to Conservation Management Plans and similar. Peter also brings a thorough understanding of strategic planning issues, including through plan and project based Habitats Regulations Assessment and input to biodiversity research studies, including experience of consultation and facilitation events.

Chris Peachey BSc MSc MA MRTPI Principal Planner

Chris has worked extensively in local government, central government and private practice and brings a lot of experience of working with high value heritage assets and significant policy constraints including open space protections. Before joining LUC, Chris worked in private practice and local government and was previously a research scientist for the Forestry Commission where he published research on urban greening and land regeneration.



Above Enniskillen Hospital, Heartlands, Cornwall, Inverness public realm

Narrative Wayfinding – Richard Wolfströme

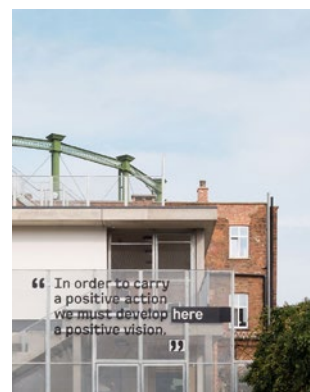
Richard Wolfströme MISTD FRSA AoU Designer

Richard is an award-winning creative, with over 31 years' experience. His interest is in furthering information and environmental graphic design by continually challenging the technical and creative disciplines. His primary strength lies in determining how to communicate information optimally across different media – from print to screen to installation.

He specialises in wayfinding and cultural placemaking which allows him to explore and develop unique design solutions for places, buildings, urban environments, parks and landscapes. He develops interventions that give a sense of ownership and meaning to local communities as well as creating clear and informative experiential design for visitors. In doing this, citizens feel a connection and understanding of their environment which inspires to create a greater sense of community.

His work includes nomenclature, branding and the development of identity and information systems for places and buildings to create sympathetic modern contemporary solutions that ensure places have a coherent, appropriate and desirable approach to environmental and spatial information design making them more accessible. Well-branded information materials for both print and digital communications can also be developed as part of a cohesive approach.

He is often seen on the speaking circuit in the UK and Scandinavia presenting his ideas on design and bringing meaning to place. Richard is a Member of the International Society of Typographic Designers (previously Board Director); RSA Fellow; Academician of the Academy of Urbanism; Associate member of the Landscape Institute; and, a Member of the international Placemaking Leadership Council.



The Foundry

Transport Engineering – Civic Engineers

Civic Engineers are consulting engineers who will provide expertise on aspects of engineering including traffic, civils and hydrology. They have a passion and expertise in the design and delivery of high quality award winning buildings, structures and public spaces. Their engineering skills cover both structural and civil, including movement, highways, flood risk, drainage, SuDS and earthworks.

Paul Morris BEng(Hons) MA Director, Civil & Structural Engineer

Paul graduated from The University of Leeds with a Bachelors degree in Civil and Structural Engineering in June 2003, before going on to complete a Master of Arts degree in International and European Business Law. Paul's experience



New Road, Brighton

at the practice includes the design and delivery of high specification structural engineering projects, refurbishment of historic and listed building structures, development appraisal and infrastructure strategies, site remediation and enabling, highways, public realm and drainage design (including SuDS), contract administration and construction management.

Paul is well experienced having delivered a number of town centre public realm strategies for Altrincham; Piccadilly, Manchester; Caernarfon; Colwyn Bay; Carlisle; Clitheroe; Ancoats, Manchester; and, the Bath Pattern Book. Paul has experience delivering exemplar shared spaces at Altrincham Lower Market; Park Lane, Poynton; and New Road, Brighton.

Paul has also worked with Places Matter! to deliver a series of workshops on the implementation of Manual for Streets; and co-authored the TfL Suds & Streetscape Design Guidance (2016).



Altrincham Market Place public realm - Civic Engineers

Cost Management – FT Allen

FT Allen is a Practice of Chartered Quantity Surveyors with a large portfolio of experience providing cost management services on park restoration, play and urban landscaping projects. They will provide detailed advice to the team on buildability and cost planning of the designs for the focussed projects.

Mike Rolfe RICS Director, Quantity Surveyor

Mike is an equity director at FT Allen where he has responsibility for project management of building contracts including project planning, programming, appointment and organisation of consultants/team members. He has experience of the full range of quantity surveying functions for private and public sector clients including feasibility estimates, cost planning, cost checking and cost management, and advising upon procurement methods. Mike has delivered successful open space projects including the award-winning Cassiobury Park in Watford in collaboration with LUC.

He is experienced at development consultancy including site finding, site valuations, site viability and feasibility exercises and full financial appraisals. He is experienced at liaising with clients at a senior level, directing project and team members and monitoring and controlling performance.

A full set of CVs are appended to this report.

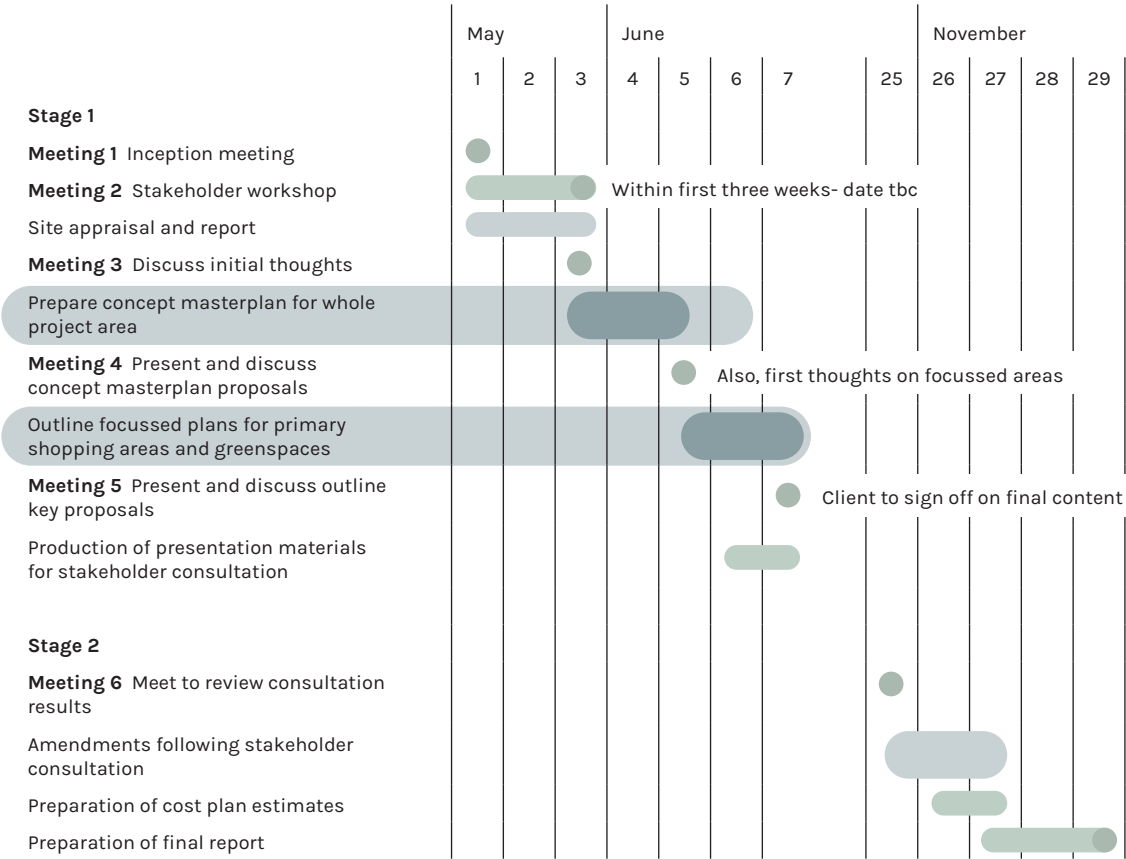


Cassiobury Park - LUC + FT Allen

Identify your proposed commitment to the project in terms of staff resources and number of days/hours, together with a programme for delivery showing key milestones

Project Plan

The figure below shows our indicative project plan as based on the timescales in the brief. There are two stages to the commission - preparing the design work to a sufficient level of detail to take to the public consultation; and then revising the proposal following feedback. A detailed methodology for the tasks shown in this programme is given in response to question 2b.



We have carefully reviewed the project dates and milestones included in the brief and think that this is an achievable programme. We understand the timescales are necessarily tight in order to generate the design ideas and consult before the Summer and to incorporate the proposal into the upcoming revised neighbourhood plan (ANP2). To that end we have based the project plan around a fortnightly programme of design work and review with the project team.

Resource

We anticipate that the above will require resourcing in the order of 1.35 FTE during the 7 week/35 working day period in Stage 1 (around 47 days); then at

around 0.5 FTE (11 days) during October following the consultation period.

Our anticipated split between the core team members over this period is approximately:

- Adrian Wikeley: 5%
- James Brisco: 25%
- Aurelien Wasem: 22.5%
- Richard Wolfstrome: 20%
- Paul Morris: 15%

The remaining 12.5% is allocated to supporting team members providing advice on ecology, planning and cost planning. Individual inputs in days for the team are shown below:

Team member	AW	JB	EWa	PL	CP	RW	PM	MR
Stage 1								
Meeting 1 Inception meeting	1	1	1			0.5		1
Site appraisal, reporting and initial engagements		1.5	2.5	1.5	0.5	1	1	
Meeting 3 Discuss initial thoughts		1	1			0.5		
Prepare concept masterplan for whole project area	0.15	2.5	5	0.5	0.5	1.5	2	
Meeting 4 Present and discuss concept masterplan		1	1			0.5		
Outline focussed area proposals	0.15	2.5	5			2.5	2	
Meeting 5 Present and discuss outline key proposals		1	1			0.5		
Presentation materials for stakeholder consultation			2			2		
Stage 2								
Meeting 6 Meet to review consultation results		1				0.5		0.5
Amendments following feedback	0.15	1.5	1		1	0.5		
Preparation of cost plan estimates		1						3.5
Total Days	1.45	14	19.5	2	2	10	5	4

Execution

Outline your understanding of the Project Brief

The Vision

Arundel is one of the most attractive heritage towns in the country with a wonderful landscape setting at the foot of the South Downs. There is a great community spirit and the town centre feels as though it is thriving. This study looks to combine strategic public realm and wayfinding design, building on the town's strengths to make it even better and to seek new opportunities for its development.

We understand that this commission comes out of a need to improve the quantity and quality of the public realm in the study area in order to meet the objectives of the Arun District Council Leisure & Cultural Strategy 2013-28 and Arundel Town Council's current and emerging Neighbourhood Plans. The Leisure & Cultural Strategy highlights that the "quality of the public realm between the buildings is poor... Vehicles dominate, there is too much tarmac and there are some ugly gap sites". This study provides an opportunity to improve the public realm, to protect and enhance open spaces, and to improve accessibility and sustainable active transport opportunities. The study asks how the town will address the clear threats from private vehicles – the traffic and parking dominating much of the historic core of the town, and the severance of the town by the A27.

We understand that the key aim of the project as outlined in the brief is to enable Arundel to thrive as an attractive, healthy and prosperous place. There are a number of documents which expand on this key point and set out further aspirations for the town including the Town Council's vision which aspires to:

- Create a thriving and dynamic town centre;
- Become a vibrant visitor destination;
- Implement a combined effective and sustainable transport strategy;
- Protect and enhance the natural environment;
- Protect and enhance our natural assets;
- Engage with young people; and,
- Deliver housing (and other policies) as per the Neighbourhood Plan.

The public realm study will support all of these objectives as well as others in the local plan such as providing greater access to the River, enhancing the economy of the district and by improving the physical and mental wellbeing of residents. We can increase the attractiveness of Arundel as a place to live, work and visit and - by improving the quality and accessibility of greenspace and public realm for all residents - empower local people to increase their physical activity.



Key Themes

Our team knows Arundel well. LUC has carried out work locally including GI and open space audit work in the town. We carried out the recent award winning landscape character assessment in the South Downs National Park, and have undertaken studies looking at views to the Cathedral from development sites. Other members of our team are based locally and know the town well - Richard Wolfströme is based in Brighton, FT Allen in Worthing.

So, we know the site well and the four key themes described in the brief resonated with us. To realise Arundel's status as a "world-standard heritage town" our work will address the following:

- Vehicle management
- Business development
- Public realm enhancement
- Wayfinding information

The following runs through our understanding of each of these key themes based on our observations walking the sites.

Vehicle Management – Places for People

Arundel's townscape is truly delightful. Walking through the town and exploring the historic buildings is a joy. However, the quality of the public realm between buildings is poor – old stone surfaces have been replaced with tarmac and an excessive amount of public space is given over to vehicles and parked cars. For instance, on Tarrant Street pavements are narrow, on Maltravers St the dramatic streetscape is diminished by the four rows of parked cars and wide carriageway, whilst the war memorial is isolated in a traffic island.

We will review the movement of traffic through and to the town, and the strategy for parking. The study will seek to reduce the dominance of vehicles in order to improve the streetscape and improve the experience of the place for people on foot, creating more and safer space for people. On previous projects (both designed to outline-guidance level and constructed) our team has proposed creative solutions such as shared spaces and temporary street closures which have brought transformational improvements to places whilst maintaining access.

One approach which occurred to us when we were walking the site and which we would review early on would be to reconnect the 'island' war memorial with the footway on the High Street by closing the south-bound section of the street. This would release a large amount of public space and create a more dignified setting for the memorial. Whilst there are probably lots of reasons this wouldn't work (!) it strikes us that this link could be extended all the way to the castle gates via a new development on Mill Lane.



The key themes of the project: Vehicle management, business development, public realm enhancement & wayfinding.



We would also review the proposals for the A27, but will also consider how we might improve the situation if nothing else changes. The road completely severs the town – local people either run for their lives or squeeze under the bridge... how can we improve things for them? Our strategy will make sure that people don't feel like they are being forgotten, and will attempt to improve the connection through better walking and cycling routes.

Above Sketch idea for reorganising the southern end of the High St - making better connections with the Castle and Museum via shared space and new development in courtyard sites.

Business Development – A Better Place To Do Business

The brief highlights a high retail churn in the town centre. Whilst there is currently a vibrant mix in the main shopping area with no empty units - Tarrant St is a mix of cafes, antique shops, galleries, restaurants – there is a lack of facilities for local people. One approach we would consider is by making both better connections between the town and its western neighbourhood, and between the town and the castle. This could be achieved via development in courtyard and gap sites, creating a mix of workspaces, local facilities and vibrant spaces for visitors - we will prepare outline guidance for these new development sites with options to what form they might take.

We understand how masterplanning and public realm improvements are able to attract investment to an area. Our team brings experience of delivering green infrastructure audits and feasibility studies supporting Business Improvement Districts including Kings Cross Business Partnership and London boroughs including Royal Greenwich and Lambeth. These studies support clients in delivering environmental enhancements to make areas better places to do business, through creating a more pleasant and attractive streetscape for visitors, employees and residents. For instance, our work for Essex County Council involved developing a business plan for extensive investment in GI in the south of the borough, and secured £11.5m funding for the partnership.

Greening initiatives present an opportunity to meet sustainability objectives and deliver a wide range of environment benefits, from the control of air pollution along the A27; reducing flooding; and, the encouragement of wildlife and biodiversity.

We anticipate that many people – particularly business owners in town, may be apprehensive. We are experienced in managing change and people's expectations and would look to engage stakeholders early on and start a conversation.

Public Realm – Vibrant and Dynamic

We understand that promoting physical activity and tackling social isolation is a key priority of Arun District council and the Arun Wellbeing and Health Partnership. The impact of urban design and the quality of our local environment on our health is widely known and increasingly understood, as are the powerful benefits of outdoor physical recreation. Encouraging greater physical activity and specifically, responding to the statistics charting the rise in childhood obesity in the UK, this project can assist in improving the opportunities for physical activity for children. We have undertaken recent research projects alongside the London Boroughs of Hounslow and Camden, UCL and the NHS reviewing the positive aspects of our open space and play designs.

We will take a holistic approach to the public realm combining social and environmental objectives. At the high level, our work will be grounded in a thorough review of the public realm and open space – ie. what kinds of open spaces are already provided in the area / what do people use, and what is needed. This will mean that any proposals are functional and useful to local people. We will combine this with our biodiversity and ecosystems approach to developing a long-term vision for the greenspace around the town. Sustainability will need to be a guiding principle at all levels of the project. Central to creating a place that can serve the present and future communities is the need to anticipate and design-in resilience to increasing future usage and environmental pressures from climate change. Specific measures will



Opportunities for characterful courtyard developments and spaces



be investigated including ecological enhancement to the river, considering flooding and the sensitive use of SUDs, and building on and drawing the natural features along the river corridor further into the town.

Creating a dynamic and vibrant public realm is also about diversity and recognising and championing individual differences and ensuring equality. LUC adopts an 'Access for All' policy towards any design we carry out, as we believe that all users regardless of mobility issues or impaired vision should be able to enjoy the outdoor environment. Public realm users are formed of various groups, each with differing requirements, expectations and abilities and it is important that from the outset a considered design caters for all of these. Users can comprise of the elderly, people with mobility issues such as wheelchair users or walking aids, visibility and hearing impairments, people with varying degrees of mental disorders, and even mothers with young children and prams can suffer with difficulties of access. In Arundel the existing narrow pavements, steep changes in level and uneven surfaces can all compromise access for all. Similarly any proposals for shared space or similar will be reviewed carefully against best practice guidance.

Above Sketch idea for physical and thematic links across the A27 addressing severance and disconnection. Making the most of local greenspace by creating new 'offline' walking routes along the busy trunk road; creating new food-growing areas as resources for local people; and, making the most of existing hubs of play and activity.

The concept masterplan will draw all of the key themes together, these design strategies will then be 'prototyped' on the focussed design areas in the town and the local greenspaces. The approach to improving the quality of these is important, designs will be approached in a way which is locally distinctive to enhance the experience of being in the place.

Wayfinding - Encouraging Discovery of the Town's Culture & Heritage

Wayfinding as a term, has been around since the 1960's and provides an approach that combines both the tactical and strategic objectives of directional signage and information provision. Contrary to 'just signage', wayfinding is a far broader approach that aims to make a place accessible, permeable and legible. As such wayfinding seeks to establish clear routes and paths, eliminate obstacles and restrictions, and make full use of landmarks such as buildings and other landmarks.

The brief seeks a wayfinding solution that will encourage the discovery of the town. It goes without saying that our strategy will be clear and simple, with a legible hierarchy; but it will also seek to add an additional layer of meaning to the landscape. It will look to address the severance between the two parts of the city that are divided by the A27 bringing more connectivity for Arundel's communities and residents. As a tourist destination, Arundel has visitors arriving throughout the year – by car, coach and train – and our strategy would investigate the arrival experience to bring clear wayfinding and a cultural interpretation experience from the moment of arrival.

Key to making Arundel legible and ripe for discovery will be to express the culture of the place and its community. To do this, we will need to find the right language – verbal and visual. Arundel is a very legible town - movement through its streets is actually very simple and is facilitated by the strong landmarks of the Castle, St Nicolas Parish Church and the Cathedral – visible from far and wide. We will express this clearly and simply, and focus on using the wayfinding strategy to express narrative and connection – discovery of the town, its culture and heritage.



Embedding narrative into the public realm at Kings Hill, Kent



Creating meaning, connections to local stories

Describe your methodology and approach to the project which will make the most of Arundel's quality while addressing the challenges identified. Your response shall include particular reference to working on urban masterplan and public realm projects.

Methodology

Inception Process

We propose to start the project with an inception process including a meeting with the Council /client officers and the Project Manager to introduce the key members of the project team and to confirm project responsibilities and contact details. The inception process would include:

- A review of the brief and LUC's proposed approach to delivery to identify any requirements for adjustments and to clarify any points re. scope, responsibilities and timescales;
- Confirming strategy for engagement and identification of key contacts;
- Project programme and milestones for delivery;
- Future client meeting dates and venues;
- Sources and contacts for information held by the client and other stakeholders; and,
- Access arrangements for surveys if required;

Thereafter, we propose to hold fortnightly meetings which will cover project progress, ensure that the project will be delivered on time (more on this in the next section); and, will be a forum for discussing initial thoughts, presenting and discussing proposals.

Project Plan

The project plan ensures there is a clear brief, programme and milestones for deliverables. It helps to inform resource requirements and define roles and responsibilities within the team. The project plan allows for regular feedback within the programme as well as clear sign off procedures to ensure client's interests are met. We implement a Document Control process via our integrated management system which files and logs all project related correspondence. All project outputs are independently reviewed and then formally signed off by the Project Director prior to issue.

Communication Plan

As part of our project plan a Communication Plan is produced which sets out contact details, key procedures for communication and a hierarchy of responsibility. This ensures that lines of communication are clear and provides the client with clarity of who is leading on which elements of the project. The plan will include an evolving list of project stakeholders and a full list of all parties who have been engaged.

Review of Baseline information & Site Appraisal

We recognise that a significant baseline has already been assembled by the client in support of ANP1. This provides a valuable resource on which to build

our study. The starting point will be a thorough review of all of this material, the existing baseline information including all available site survey findings, historical research and relevant background information and ADC and SDNPA policies. This review will aim to identify the 'gaps' where additional research is required or where further survey work/ site investigation is needed.

We were very interested in Neil Holland's 1994 vision for Arundel which asked some interesting questions about how the town should develop. Many of the questions about parking, vehicle access to the town, 'protecting' the town and heritage assets from the A27, and enjoyment of the river are still pertinent and will form a key part of our approach. We will review case studies including work which our team has undertaken such as West St, Horsham and, New Road, Brighton.

Members of the Design Team would carry out a site appraisal covering various elements of the sites including:

- topography and hydrology
- existing landscape features;
- tree and woodland condition;
- existing infrastructure;
- pedestrian access and connectivity;
- contextual intervisibility;
- surrounding development patterns;
- orientation, exposure and sunlight;
- local transport connections;
- opportunities for vehicular access.

Constraints and Opportunity Mapping

A preliminary analysis of the site and its context would be carried out drawing on the baseline information and the Site Appraisal. Key constraints and opportunities of the site would be mapped and this would be used to start identifying the key strategic objectives that will influence the way that the site could be developed. This would incorporate an analysis of the character and sensitivity of the landscape and townscape to development, and make recommendations for spatial options and mitigation – a landscape opportunities map.

Green Network Strategy

A high level Green Network Strategy would be prepared building on the opportunities mapping exercise, and drawing on other study findings. The Green Network Strategy will identify key areas for:

- Retention of important landscape features such as woodland, hedgerows, water courses, habitats etc);

- Access circulation, permeability and connectivity;
- Recreation and leisure activities, as well as nodes for social interaction
- Localised food production (allotments and community gardens);
- habitat improvements; and
- Water management.

The green network strategy will provide a framework for our proposals going forward. It will consider green infrastructure principles whereby landscape elements act as a service-providing infrastructure demonstrating how multi-functional greenspaces can bring range of benefits to future development such as: better placemaking, integrated access and habitat networks, resilience to the impacts of climate change, cost effective surface water management, and 'grow-your-own'. At this stage of the project we will draw on our in-house landscape planning and ecology experience to inform the design process.

Whilst this baseline will evolve, in order to meet the programme, we have allowed a period of 2 weeks to get up to speed on this, with a draft by May 25 2018. These dates will be confirmed at the inception meeting.

Initial Stakeholder Engagement

Our team will engage with the project stakeholders including the Chamber of Commerce, the Norfolk Estate, Angmering Park Estate and others early in the process. These organised groups will provide valuable input to the work especially if involved early in the process. In discussion with the council and these groups (in particular Agenda 21 and schools) we would look to identify those people whose voices might not get heard – young people, minority groups etc.

Later in the process, once a plan for Arundel has emerged we would engage with Historic England and other relevant parties before going to the wider public engagement event. The format of this will be agreed and is discussed elsewhere. The stakeholder and community engagement event will present the initial concept options for the sites and invite feedback on what the perceived needs and opportunities of the sites are and which of the proposals best address these. Our final report will detail development of designs and the role engagement played in the final design.

Progress Meetings & Design Workshops

Effective communication is key to the success of our projects. We are proud of the relationships we have built with our clients and collaborators, as this helps ensure we fully appreciate their requirements. We will hold fortnightly progress meetings which will be managed effectively, ensuring the project objectives are being met in the most efficient manner. These meetings also provide early

Output 1

Summary of our initial baseline study and site response

Output 2

Summary of stakeholder engagements

sight of the need for formal changes to the agreed scope of work, and allow clients to make informed choices regarding the direction of the work. Any formal changes to the project scope are fully documented using our Project Change Control procedures.

Preparation of the Concept Masterplan & Outline Focussed Plans

We will meet following our completion of the baseline study and meetings with stakeholders and report back on our findings. At this meeting we will also discuss early design options for the concept masterplan which we will then develop.

Our design approach is based on a thorough understanding of each site, its context, constraints and opportunities. We seek to work with - not against - these ingredients to produce rich, thoughtful and locally distinctive responses of exceptional quality. We strive for solutions that are not only creative and sustainable, but innovative, practical and affordable.

We will produce sketches and diagrams describing a number of options for the town and bring these to meetings to discuss. Whilst the timescales are tight, this will be an iterative process and we imagine that the design will evolve quickly. We will seek to get consensus on the preferred design so that we can be ready for the consultation period.

Once there is broad agreement on the direction of the concept masterplan we will work on the designs for the focussed sites. This will also be an iterative process and we will use 3 dimensional sketches and perhaps models to discuss our ideas. Our design team will be working closely together throughout this process and will be looking for ways to reach out to the local community to add more richness to our proposals. Perhaps this might be a good time in the process to run a design charette or co-design session in the town.

Consultation Material

We will provide illustrative material for public consultations - we imagine in the form of posters or similar which can be exhibited in the town and online.

Feedback & Revisions

Following the consultation and engagements over the Summer we will have a catch-up meeting to pick up feedback arising. We will discuss and changes which should be made to the masterplan or the focussed designs. Following this meeting we will seek to quickly revise our scheme drawings and circulate around the project group in order to gain consensus on the final scheme.

Output 3

Draft concept masterplan for the whole study area

Output 4

Draft outline focussed plans for the primary shopping areas and greenspaces

Output 5

Illustrative material for engagement and consultation

Output 6

Final concept masterplan and focussed plans

Cost Planning

Mike Rolfe from FT Allen will attend the restart meeting in October, and will begin to prepare the high-level cost estimates for the focussed projects once the final design is signed off. This cost planning period should take around 2-3 weeks after which the draft cost plan can be issued to the team for comment, then included as an appendix in the final report.

Output 7

Cost estimates to a sufficient level of detail to enable funding sources to be explored

Final Report

As identified above, all of our work will be captured in a clearly presented report which comprises inter alia the following elements:

- A summary our initial baseline study and site response;
- A concept masterplan for the whole study area illustrates the relationship between each of the key themes above and identifies strategic options for each theme.
- Outline focussed plans for primary shopping areas and greenspaces showing options for spatial arrangement, sketch/photographic illustrations and suggested materials;
- Illustrative material (eg exhibition panels and posters) for stakeholder engagement and public consultations;
- A summary of our stakeholder engagements; and,
- Cost estimates, for the delivery of the public realm enhancements, wayfinding information and vehicle management proposals.

Output 8

Final Report

How do you ensure delivery of the project is to time, cost and quality and that risks are identified and managed?

Project & Quality Management

To ensure our projects are managed to a high standard and importantly to the client's satisfaction, each project is assigned:

- A **Project Director** who is responsible for understanding customer needs, ensuring methodologies used are appropriate, and for reviewing outputs to ensure they meet client requirements. The PD for this project would be Adrian Wikeley.
- A **Project Manager**, typically an Associate or Senior Consultant, who is responsible for implementing our quality management procedures and ensuring the success of the project: delivering to time, budget and the client's satisfaction. The PM for this project would be James Brisco.

LUC's Quality Management System was registered to ISO 9001: 2008 standard in March 2011 (BSI Registration Number FS 566056). A copy of our ISO: 9001 certificate and Quality Policy Statement is available on request. One of our Directors has specific accountability for Quality and Environmental Management and the company has a Quality and Environmental Manager who has specific responsibility for these areas.

LUC's Project Management System is a key element of the Quality Assurance process. Based on the principles of Prince 2, the PMS involves four main stages which are common to all LUC projects; each stage includes a number of procedures. The main stages are:

1. Project Planning
2. Project Delivery and Control
3. Project Completion and Handover
4. Final Invoicing / Archiving

Project Progress Monitoring

Effective communication is key to the success of our projects. We are proud of the relationships we have built with our clients and collaborators, as this helps ensure we fully appreciate their requirements. Progress meetings are managed effectively, ensuring the project objectives are being met in the most efficient manner. These meetings also provide early sight of the need for formal changes to the agreed scope of work, and allow clients to make informed choices regarding the direction of the work. Any formal changes to the project scope are fully documented using our Project Change Control procedures.

Project Risks

We undertake risk assessments for all our projects. These are live documents which are reviewed and updated throughout the project life cycle, sitting as part of our Project plan. They provide early warning on any emerging risks to a

project's success, and allowing us to identify measures to reduce and manage these risks efficiently. This process is backed up by close monitoring of the project programme and detailed cost checking. Ongoing assessment of the risks to the successful delivery of the project will be undertaken and updated as the project progresses. Preventative and contingency measures will be identified and allocated as actions for individuals from the design and client project teams to help manage these risks.

Each risk or possible opportunity is evaluated in terms of its likelihood of occurring and the severity of impact it would have on the successful delivery of the programme. An owner is assigned to each one, and a management strategy developed. This will be recorded on a risk log and reviewed with the team and client throughout the life of the project, through the quarterly progress reports and any progress telecoms/meetings required. Utilising this approach to risk assessment will benefit the Council by ensuring project risks are known and therefore minimised.

Due to the nature of the study (that is, preparing the masterplan study) we do not foresee major risks which are a risk to delivery. Likely risks to the programme are most likely to come unforeseen additional consultations with stakeholders, or from delays due to failure to reach consensus on design options. However, we would discuss potential risks to project delivery at the inception meeting using input from the client and project team members.

As part of the study, we would also undertake a high-level review of the risks to the delivery of the public realm improvements – for instance flooding, availability of funding sources, archaeology, ground contamination, land ownership issues etc. This would sit alongside the cost estimates in the project delivery section of the final report.

How will you engage with local people and stakeholders to generate local ideas for inclusion within the scheme?

Participation & Engagement

LUC is well experienced in leading public and stakeholder engagement for our projects. In recent years we have used many different techniques countrywide. We have found there is no one consultation or engagement technique which suits all places - every site is unique and requires special consideration by both ourselves and the client. In general terms we believe it is important to:

Work to a clear, coordinated engagement plan agreed between ourselves and the client;

- Make the purpose of each engagement clear and to avoid over-consultation;
- Give people adequate time to take part in the process properly without feeling rushed (this is sometimes difficult to achieve when deadlines are imposed, however we feel that the suggested programme leaves provides good time and we are able to dovetail with the ANP2 timescale);
- Use a variety of methods in order to engage with as wide a range of individuals as possible, for example meetings (sit-down and drop-in), questionnaires discussion in groups, web-pages, press releases. In the past we have made use of shop-front space or market stalls; and,
- Keep accurate records of responses and give feedback about consultation responses, these will be incorporated into the final report and can be included as part of the ANP2 evidence base if required.

We have found that audience participation is essential during the entire life span of a project, in order to ensure that the final scheme is respected and cherished in the future. These essentials along with wide spread promotion have meant that on all our projects we have consistently increased audience participation at all stages of the project.

Participation in the plan making process is important on this project -there are three main points during the study which we would engage with local people:

Research

Early engagement with Stakeholders at the outset of the project - information gathering, building up a brief

We recognise stakeholder engagement as being critical to obtaining knowledge and opinion, and in achieving buy-in for proposals. Effective engagement will help to reconcile conflicting demands on the limited open space at Arundel where demands will include those of different residents, physical heritage (natural and built), ecology and nature conservation, perception of safety, active and passive recreation, dog walking etc.



Engagements using a variety of techniques and media

Co-design

Engage with local people to generate ideas and material for inclusion in the public realm and narrative wayfinding strategy

We have successfully lead public engagements using different media and approaches to ensure the best fit. These have included modelling a playground on site with a friends group from straw bales; commissioning a short animated film; engaging children in drawing and using 'planning for real approaches' such as model making and 'walking the site' with key stakeholders to tease out issues and opportunities. Recently we have worked with the Glasgow Canal Regeneration Partnership to facilitate an innovative 4-day design 'Charrette' process; developing a cohesive framework and vision for the Hamiltonhill, Woodside and Firhill communities of North Glasgow, connecting with a wider audience through innovative social media use. By employing this approach we have successfully managed to develop schemes rich in community involvement, pride and longevity.



Incorporating local ideas and stories in designs - The Level, Brighton

We want the engagement to be meaningful and to bring the broadest cross-section of the community together. We understand that many people are time-poor, with important day-to-day issues to deal with, and so our approach is to take our event to where people are, helping us to engage with typically hard to reach groups. In Arundel we might set up a stall at the farmers market to meet and talk to people. This will be a particularly useful approach at the outset of the project when we are generating ideas and trying to unearth stories about the town.

Show & Tell

Test ideas with people, listen to feedback

Once we have wrapped up our first phase of design work we should have a raft of sketches, stories, plans, diagrams and photographs which can be used as part of the formal consultation process. This will be graphic designed to be easy to understand, and presented in such a way that it invites people to make comments which will be taken on board. Hopefully we will have engaged a lot of people by this point and there will be a number of design champions in the local community who have influenced the plans as they stand and will be able to explain and 'sell' the designs to others.

Innovative Engagement

Public engagement has been a key strength of our work starting with a public consultation event in Lewisham in 1995 for the first HLF funded parks project. This was featured as a case study in the CABI guidance on best practice in public consultation in the design, restoration and enhancement of parks and open spaces. There follows a short summary of engagement techniques we have used on three recent projects.

Scottish Canals

LUC has worked with Scottish Canals on this project for a number of years, from initial community consultation to design and delivery of wider green infrastructure. The main goal was to regenerate a section of the Forth and Clyde Canal to provide a valuable greenspace resource for three disadvantaged communities in North Glasgow. Through an intensive but innovative 4 day 'Charrette' process the project established a Vision for the Hamiltonhill, Woodside and Firhill area. This Vision was translated into a spatial Development Framework for the area based on community activity, improved connectivity, development opportunities, and public realm and greenspace improvements. In turn the study also produced a more detailed masterplan for the Canal Corridor with a view of submitting for Planning Permission in Principle in 2015.

By undertaking a shared visioning strategy LUC has explored the ability to connect current development proposals and future development opportunities and, in bringing people together, has addressed the need in the area for a fresh partnership approach to promote a sustainable regeneration programme. The visioning stage has united the individual strengths of the project partners and other local stakeholders to provide a cohesive framework and vision for the area, which will set the scene and context for individual development proposal as they come forward as well as the specific outputs for the area as a focus for sustainable regeneration. This will include greenspace and public realm improvements, and the creation of strategic gateways to the canal corridor.

Hounslow Active Spaces

LUC worked with London borough of Hounslow on the Hounslow Active Spaces project. Community engagement on design took place during summer 2017, the aim was to find out what would make children and families more active in their local park through interactive workshop and partnership with local health providers. A total of twelve engagement events took place led by experienced designers. Each session involved integrative games and activities for children, along with healthy snacks and healthy eating advice. Local friends of parks groups, community groups, health services and schools were involved in the sessions with the aim to promote healthy lifestyles and outdoor play. LUC worked closely with both the Council and the community throughout the design phase to ensure that each challenge could be addressed



Involving schools and young people - Design charrette in Applecross, Glasgow

and the communities' needs were met. Most residents agreed that additional activities and a better look and feel would make them spend more time in the play area and be more active for longer. Residents highlighted that more challenging climbing equipment and activity trails would encourage greater levels of physical activity in the park. In addition to onsite workshops with residents and school children, a local competition took place allowing local schools to produce some wonderful designs to inspire the playground designs. LBH's Suzie Munnery said that: "An experienced and professional team, LUC ensured that quality and excellent service were at the forefront of delivery throughout the project."

The Level, Brighton

Over a four year period LUC worked in an inclusive manner to achieve a complex project which has transformed a run-down site into a vibrant, welcoming and dynamic public open space which celebrates its rich heritage and diverse users. The involvement of local people was key to the success of the project. The comments received from the public give an indication of how much they value their restored park. This sense of belonging also stems from the close collaboration with local stakeholders. The Level has a captivating history which was explored and interpreted and was central to the restoration strategy. As a consequence, we believe the restoration to be sensitive to the historic layers and to have increased the public's knowledge and appreciation of this history via workshop sessions and the interpretation panels at key entrances to the park.



Ongoing engagement throughout the life of a project at The Level, Brighton

Experience

Give examples of how your firm has applied creative and sensitive design principles in a historical urban context which overcome infrastructure challenges and respond to modern social trends, through the provision of distinctive public spaces.

Historic Urban Sites

The design, restoration and management of historic sites in the UK has been a substantial element of LUC's work for many years, and for over 50 years we have undertaken commissions for owners, managers and interest groups ranging from **The Royal Parks, Historic Royal Palaces, Historic England, The National Trust** and many Local Authorities and Friends Groups. We have undertaken major work and master planning in major world heritage sites within the South-East including for example **Kew Gardens**, the **Tower of London**, **Maritime Greenwich** and the **Palace of Westminster**.

In many of our projects we find ourselves negotiating a delicate balance between competing issues. In this project we will strive to conserve and enhance Arundel's special qualities, whilst addressing the challenges of its infrastructure and changing social trends. We foresee mobilising themes of sustainable design and resilience to climate change as well as specific issues with the town's retail, affordable housing, connectivity, changing economic purpose, and its aging population.

Inverness Streetscape

Inverness is Scotland's newest city, and the City Centre Streetscape project transformed its historic core through comprehensive public realm enhancements, including traffic calming, new lighting and a public art programme in conjunction with artist Matt Baker. The central objectives of the streetscape project were to improve the pedestrian environment and to facilitate safe access throughout the city centre by creating new civic spaces and re-activating spaces previously neglected or lost to traffic. In addition, the streetscape proposals improved the heritage setting and assisted appreciation of the city centre's landmark buildings.

LUC's scheme addressed a variety of urban spaces including the main Victorian shopping streets and squares, pre-Victorian lanes and closes, and part of the riverside. The design responds to the different characteristics of these spaces while also accommodating traffic management changes. The scheme was completed in 2009 and has gone on to win a Civic Trust Award and a DfT / CIHT Manual for Streets Award.



Russell Square, London

Prior to its restoration Russell Square was a lack-lustre garden square in poor condition that was attracting serious anti-social behaviour, especially after dark. Set in the heart of Bloomsbury the square was originally designed by Humphry Repton in 1801 for the 5th Duke of Bedford. Today the square is Grade II listed and included on the English Heritage Register of Historic Parks & Gardens.



The Square with its refurbished café has become an extremely popular destination for visitors and residents alike, providing an important refuge and green oasis within this dense urban setting. The site is used by millions of visitors every year.

Tower of London

The Tower of London was designated as a UNESCO World Heritage Site in 1988, this inscription brings with it a requirement on the host country to protect the site's Outstanding Universal Value. The increasing visitor pressure on the Tower's landscape has led to the requirement for a planned framework for conservation of the landscape areas as part of Historic Royal Palace's responsibility to the World Heritage designation. LUC were appointed by the Gardens and Estates team at Historic Royal Palaces as landscape management consultants responsible for the desk top and site survey work, analysis, management plan preparation and report writing.



Infrastructure Challenges

Much of our work involves balancing sensitive landscape and townscape settings with infrastructure requirements. We are currently working with **HS2**, providing detailed guidance on the route as it passed through valued landscapes, dealing with sensitivity, noise and issues of severance.

New Road, Brighton

Civic Engineers (and LUC project manager James Brisco prior to joining LUC) collaborated on the re-design of New Road in Brighton. New Road was one of the first shared-space schemes to be introduced in the UK. Since its opening in 2007 New Road has seen a significant reduction in traffic volumes and speeds, increased pedestrian and cycling activity, and has been elevated in a recent poll becoming the fourth most popular place to spend time in the city.

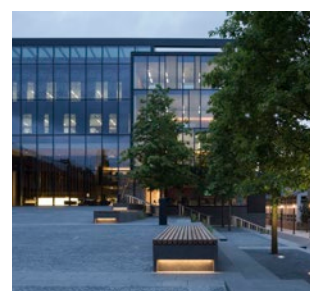


Distinctive Public Spaces

Our team is well experienced in designing distinctive public spaces in a variety of contexts including the award-winning **Heartlands** in Cornwall, the **Horniman Museum, and Gardens** in London, **Altrincham Market Place** and at **Milburngate** in Durham.

Oxford Brookes University

The redevelopment of the Headington Campus at Oxford Brookes University is as much a complete overhaul of the teaching ethos and environment as it is simply an inspiration and joy to those who visit it. This £134 million project is at the heart of the University's transformative 'Space to Think' investment initiative.



Driving the new campus image is a dramatic public reception plaza, overlooked by the new John Henry Brookes Building reading rooms and reception. Further into the campus core a central courtyard interconnects with the Forum, with a 4-storey veil of glass the only separation. These and other interlinking spaces are designed to work as a whole and simply to convey the University's new brand through excellent place-making. The resulting public realm is already immensely popular giving the university a new dimension – literally space to think.

The project was awarded a 2014 RIBA National Award: a RIBA South Regional Award, the RIBA South Sustainability Award and the RIBA South Building of the Year Award. The RIBA Judges described the project as having "a personality that is evident throughout and has achieved immediate impact and popularity"



Bishopric & West Street, Horsham

LUC was commissioned by Horsham District Council to review options for improving the quality of public space on the Bishopric. This project was an opportunity to redefine the Bishopric's significance and role within the town centre following the opening of the new John Lewis at Home in 2015 and the refurbishment of commercial premises adjoining the space. We collaborated with the client and local stakeholders to review how to change the layout of the pedestrian area to make it an attractive and vibrant place for visitors.



Richard Wolfströme was invited by the council to prepare designs for West Street in the town and worked closely with the development team to deliver designs for placemaking narrative, wayfinding and signage. A series of narrative pavings that highlight historical interest of place and people with specific location association. The narratives were researched and written in collaboration with 'man of Horsham' Jeremy Knight, curator of Horsham Museum & Art Gallery.



Twickenham Riverside

LUC is working with Richmond Upon Thames borough on a new riverside public realm. Taking a placemaking led approach, LUC is working with the council and local groups, improving access and connectivity to the river and open spaces. Extensive public engagement has been used to gain a thorough understanding of the site and to generate ideas for inclusion in the scheme which incorporates changes to the streetscape, a new civic-scale town square and riverside terraces overlooking Eel Pie Island. The proposals received planning consent in Spring 2018.



Outline Guidance - Adding Value Through Landscape

Basing View

Basing View is a 18 hectare business park which dates back to the 1970s. LUC's transformation of the business park landscape has helped to modernise as well as heal the open space character of this chalk downland site. This has provided a catalyst to new commerce to the business park.

LUC produced the landscape masterplan and worked with Basingstoke and Deane Borough Council and its development partner Muse Developments and masterplan architect 3dReid in planning, programming and procuring the works for the estate landscape. These include highway refurbishment, soft landscape, new street lighting and furniture and a major wayfinding and branding exercise.



Westferry, Tower Hamlets, London

The former Westferry Printworks, just to the south of Canary Wharf on Millwall Outer Dock, is being redeveloped as part of the ongoing regeneration on the Isle of Dogs. LUC worked with developer London & Regional Properties to prepare outline landscape and public realm guidance for the development which unlocks two hectares of publicly accessible open space, including a 300m dockside promenade, playgrounds and gardens.



Aylesbury Estate

Masterplan design code and phase 1 detailed proposals for 20 year phased development of this large local authority estate. For Countryside Properties, Peabody and London and Quadrant, 2013.



Parks & Greenspace

LUC are unrivalled leaders in designing stimulating outdoor environments for play and leisure. We have collaborated with local authorities on improvements to local greenspaces and historic parks and are specialists in design of natural play environments including **Princess Diana Memorial Playground, Kensington Gardens, Cassiobury Park, Watford** and **The Level, Brighton**.

Priory Park, Reigate

LUC was appointed by Reigate & Banstead Borough Council to prepare a masterplan to initiate the renaissance of Priory Park, a 17th /18th century landscape park in the historic heart of the town, which became a public park in the mid 20th century. This project, which opened in 2008, is an excellent demonstration of LUC's sympathetic and intelligent approach to restoration and redesign of public parks via the use of extensive historic research, public consultation and careful design detailing.



Provide up to three project profile sheets illustrating examples of high quality design by your company which demonstrate skills in masterplanning and outline design for public realm schemes and your ability to prepare material for stakeholder consultation. Include before and after photographs.

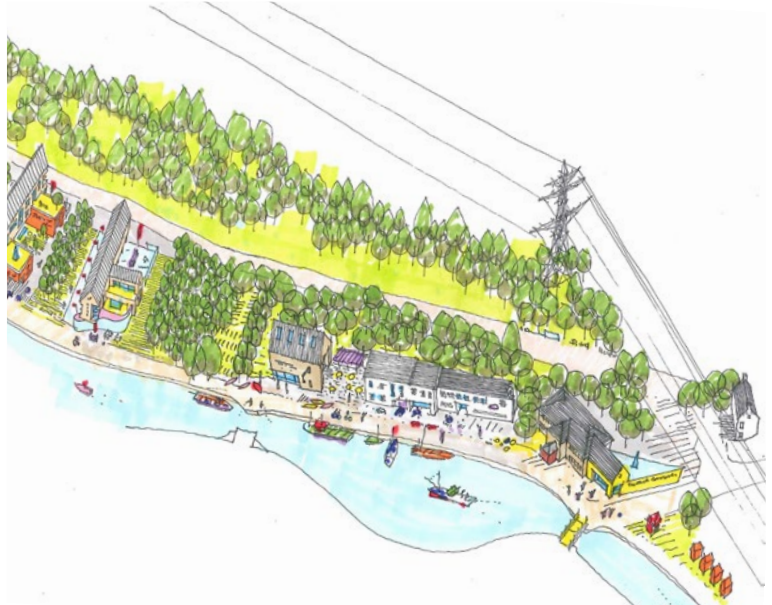
The following project profile sheets represent some of the most recent examples of significant masterplanning and public realm schemes undertaken by LUC. We have mixed feelings about showing you two projects from Scotland here, but we are going to include both the Glasgow Canal work and Inverness Streetscape as they are particularly relevant to this commission. This work was undertaken by members of our team, and we regularly have knowledge sharing sessions in which best practice and lessons learned on all our projects is shared between the team. Hopefully we have showed you in the previous section that we have plenty of experience locally, but can provide more project sheets on request. These projects are as follows:

- Glasgow Canal Regeneration for Scottish Canals
- The Level, Brighton
- Inverness Streetscape

LUC has a wealth of relevant experience in addition to these case studies – we have been constantly delivering major public realm and streetscape projects over the past 20 years, working closely and in collaboration with local authorities and their partners. We have undertaken a variety of challenging projects within busy urban environments in which we have met multiple objectives, and have dealt with significant traffic and transportation alterations; accessibility issues; statutory consents; utility infrastructure renewals and interfaces; community and business demands; construction programme/phasing challenges; complex cost management issues; and, health and safety issues.

Glasgow Canal Regeneration

Community Engagement, Masterplanning & Green Infrastructure Delivery



LUC has worked with Scottish Canals on this project for a number of years, from initial community engagement to design and delivery of wider green infrastructure. The main goal was to regenerate a section of the Forth and Clyde Canal to provide a valuable greenspace resource for three disadvantaged communities in North Glasgow. Initially we were lead consultant for an intensive four day community and stakeholder charrette. This informed the development framework and the preparation of a masterplan for the canal corridor.

Project Information

Timescale 2013 - ongoing

Project Lead LUC

Client Scottish Canals

LUC was then retained to realise some of the development framework and masterplan priority recommendations. This included two environmental improvement projects, which focused on improving pedestrian and cycling connectivity, amenity, and installing new furniture items and signage around Applecross Basin. We then designed and delivered wider green infrastructure improvements for the canal corridor which includes the Claypits Local Nature Reserve and the new 'Living on Water' facilities at Firhill Basin. This aims to deliver wider green infrastructure improvements to promote access, health and wellbeing whilst responding to heritage, cultural and ecological sensitivities. This will be achieved through new path infrastructure, community facilities, viewpoints, artwork, pontoons and moorings, and habitat management.

LUC has led further consultation with stakeholders, local management groups and the wider community to inform the design development process.



Before and after photos showing delivered projects as part of ongoing Scottish canals work

The Level, Brighton

HLF funded restoration of Bertie Maclaren's layout at the Level - making an historic park relevant to 21st century life.



LUC, as lead consultants, have successfully taken The Level through from the Stage 1 Heritage Lottery Fund bid & feasibility study in 2009 to completion in 2013.

This urban park in Brighton city centre suffered from general degradation, miss-use and a confused, awkward layout. Historical research revealed the tapestry of previous uses and the strong axial layout, introduced in 1927 by Bertie MacLaren.

An extensive public consultation programme explained the historical and urban design context and allowed the public to vote for their preferred layout and desirable features. The success of the HLF bids allowed the work to commence on site in October 2012. The proposals aimed to retain and restore some of the historic features such as pavilions and pergola. The original boating lake footprint was reinstated forming a vibrant space with water fountains.

A new sustainably designed café is the central hub, while a substantial new playground at the southern end includes inclusive equipment, natural play features and sand and music play areas. The skate park, petenque court and games tables provide further entertainment. Most importantly, fresh new planting creates an oasis of colour and calm and a backdrop to the multitude of activities now on offer.

The Level, opened in summer 2013 has already proved exceedingly popular with vast numbers of visitors filling the site daily

Project Information

Timescale 2009 - 2013

Project Lead LUC

Client Brighton & Hove City Council

Architect Knox Bhavan

Quantity Surveyor MacConville

Contractor Gavin Jones

Approximate budget £2.6m

Awards

LI Awards 2015 Highly Commended in Heritage & Conservation

Civic Trust Awards 2014 Winner

Sussex Heritage Trust 2016 Public & Community Winner

BALI 2015 Award Winner



Before and after photos of The Level, Brighton

Inverness City Centre Streetscape

Rejuvenating the heart of Inverness, capital of the Highlands



Inverness is Scotland's newest city and the centre of Highland culture. As such it is undergoing transformation through development, environmental and cultural initiatives. The £6million streetscape project was an essential part of this process, transforming the historic core of Inverness through comprehensive public realm enhancements: traffic calming, a public art programme and new lighting.

Central objectives of the streetscape project were to improve the pedestrian environment and to facilitate safe access throughout the city centre by creating new civic spaces and re-activating spaces previously neglected or lost to traffic. In addition, the streetscape proposals improved the setting and assisted appreciation of the city centre's landmark buildings.

LUC's scheme addressed a variety of urban spaces including the main Victorian shopping streets and squares, pre-Victorian lanes and closes, and part of the riverside. The design responds to the different characteristics of these spaces while also accommodating traffic management changes.

New pavements and civic spaces were created in predominantly Caithness slab and granite setts and complemented by bespoke furniture, signage, street lighting and ornamental lighting. LUC worked in conjunction with artist Matt Baker who coordinates an exciting public arts programme involving many Highland artists and responding to the local culture and landscape.

Project information

Timescale 2005 - 2009

Lead LUC

Client The Highland Council

Transportation and Lighting Design Arup

Structures ID Consulting

CDM Turner & Townsend

Quantity Surveyor Bryan Byrne

Contractor ROK

Approximate Budget £6m

Awards

Dept. for Transport / CIHT
Manual for Streets Awards
Winner

Inverness Civic Trust Award

What aspects of your firm and service differentiate you from other consultants in this field?

Multi-Disciplinary Practice

LUC's strength lies in the organisation's expertise and multidisciplinary structure provided by in-house teams. These multidisciplinary skills extend to a carefully selected team working together to meet project deadlines. Our skills and expertise are ideally matched for a project of this scale and complexity, and our team is fully integrated, with previous projects successfully completed between the different team members.

LUC has seen many projects through to successful completion, including adopted design guidance, outline designs for clients, and built work where LUC has acted as contract administrators. Our deep understanding of the materials, processes and products available to achieve the highest quality is paired with our extensive experience of administering contracts on site to demand and achieve an excellent quality of build. For example, as contract administrators for Brockwell Park and Cassiobury Park, LUC worked closely with the contractor and sub-contractors, QS and the client team to keep large-scale and complicated projects running smoothly.

Creative Collaboration

We have assembled a highly skilled team in order to complement our expertise in landscape and urban design. We understand the importance of addressing all the key themes highlighted in the brief and so have brought in Richard Wolfstome and Civic Engineers to review the wayfinding and engineering elements on the project. Richard Wolfstome brings a unique narrative wayfinding approach to the project which is perfectly suited to the brief, whilst Civic Engineers will be able to provide expert advice on traffic engineering, design of shared space, and hydrology and SUDS. Together, we will be able to think holistically about the project.

All our external team members are proposed as sub-consultants to LUC, all of whom are fully compliant with our internal sub consultant assessment process to ensure quality of service, according to our ISO 9001 quality management accreditation. Each organisation has a nominated lead individual with full accountability for the delivery of their services.

Play & Wellbeing

Our team is experienced in delivering both urban design and public realm projects, LUC are also unrivalled leaders in designing stimulating outdoor environments for play. We have collaborated with local authorities on systems-led research and design, and are currently running in-house R&D project into play and wellbeing. Coupled with our in-depth knowledge of the local landscape character, we provide a unique offer which is hard to match.

