Last November the University of Bristol held an initial round of consultation regarding proposals being brought forward to refurbish and improve the Fry Building, in order to provide a new home for the School of Mathematics.

The Fry Building currently houses the University’s School of Biological Sciences which later this year will relocate to the new Life Sciences Building currently under construction on St Michael’s Hill.

The Fry Building is located on a triangular site between Woodland Road and University Road with the Wills Memorial Building to the south. It is Grade II listed and lies within the Tyndall’s Park Conservation Area.

The proposals focus on the refurbishment of the main listed buildings, some demolition of the more modern poor quality additions and some new interventions intended to create a major focal point and begin to form links to adjacent University buildings and Tyndall Avenue. Key features include a relocated main entrance combined with new landscaping and public realm design, improved access throughout the building, a new lecture theatre and raised external terrace within the building’s southern courtyard and sensitive external and internal alterations to the existing building fabric.

The first round of consultation looked at initial design proposals. The second round, held in February, provided an update on the proposals prior to planning submission. It showed how the team had responded to results of further site surveys, investigations and ongoing discussions with key stakeholders and Council officers as well as feedback from the first round of consultation.

### Previous Consultation – November 2013

**Key Stakeholders**

A key stakeholder consultation session and optional site tour was held on the afternoon of Wednesday 13 November 2013.
Attendees included representatives of Avon and Somerset Constabulary, Bristol Civic Society, Bristol Grammar School, Business West Transport & Planning Group, Clifton & Hotwells Amenities Society (CHIS), Christmas Steps Arts Quarter, Kingsdown Conservation Group and the University School of Mathematics.

The scheme was also discussed by the Conservation Advisory Group at its meeting on 19 November 2013 and was also presented to the Bristol Urban Design Forum on 9 December 2013.

**Neighbours/wider public**

A staffed drop-in style public session was held following the key stakeholder session for the remainder of the afternoon/early evening of 13 November 2013.

Afterwards the same boards remained as a stand-alone exhibition in the entrance foyer of Old Park Hill for a further week.

The exhibition material was also posted on the Estates pages of the University website.

No members of the public came to the exhibition during the Thursday staffed public session which was however attended by 2 members of University staff. Comments posted during the following week showed that some members of the public had viewed the exhibition at Old Park Hill.

**University community**

To engage with University staff and students and promote awareness of the project and the consultation an all users message was sent out on 6 November 2013 with details of the consultation exhibition in 1-9 Old Park Hill and the link to the project information on the University website. In addition representatives from the School of Mathematics have been actively working with the design team as part of an ongoing user group.

On 6 December the scheme was also presented to a wider group of staff and postgraduate students from the School of Mathematics.

**Response to Round 1 Consultation**

Generally feedback from key stakeholders, staff, students and public was very supportive and encouraging. The majority of comments and suggestions related to the public realm, landscaping and wider context.

The second pre-application submission to the Council showed how the scheme had developed and the team had responded to the key issues and requests for further information arising from the first consultation exercise. This was also reflected in the consultation material prepared for the second round of consultation.

Key responses and scheme developments were as follows:

- A further study has been undertaken to describe the connections across the site and to the wider Precinct.
- Further design work has been undertaken on the public realm and landscape.
- The proposals for any mitigation against the loss of trees to the Bristol Tree Replacement Standard have been assessed and described.
• The Archaeological Desktop Assessment and Arboricultural Impact Assessment has been completed
• Further design work has taken place on the new main entrance and the proposed single storey extension to the rear of the building.
• The public art strategy has been developed further and now includes more detailed proposals.
• The Heritage Statement has been updated and now includes a full Internal Fabric Audit. Drawings have also been prepared that more clearly describe the retention and demolition of original fabric.
• The sustainability approach and, in particular, the on-site renewables strategy has been revised.

Bristol Urban Design Forum
The scheme was presented to and discussed by the Forum at their meeting on 9 December 2013, which came after the Round 1 report was written. (see Appendix A for BUDF response).

The Forum was generally supportive and enthusiastic about the objectives of the proposal and felt that the scheme forms the basis for a building that will be both memorable and functional. The panel’s main suggestion was to look beyond the immediate site boundary and exploit the full potential of the proposed movement strategy to address the wider urban realm.

Consultation Activities 2014

University Community Forum
On 24 February 2014 following discussions at the last community forum meeting, a summary update email that included a consultation update sheet from the architects was emailed to the Community Forum members. They were also reminded of the key stakeholder session and given details of the stand-alone exhibition.

The update detailed the key changes that had taken place in terms of the design proposals since the initial round of consultation. These mainly related to the public realm and landscaping and also confirmed further site studies and assessments that had taken place (see Appendix B)

Consultation with key stakeholders, University community and public

A second round of consultation was held on 27 February 2014 comprising a key stakeholder presentation and discussion session. This was followed by a dedicated staff and student session.

The next day the exhibition material was moved to the Wills Memorial Building where it remained as a stand-alone exhibition for a further week for any visiting public and the University community to view and comment on.

Key stakeholders
Invitations to attend the key stakeholder session (see Appendix C) were sent to the same representatives of key groups and organisations consulted with in November 2013 with contacts updated where relevant.
The stakeholder consultation session took place on Thursday 27 February 2014 in the Training Room, 1-9 Old Park Hill, BS2 8BB from 1 – 2pm, followed by further informal discussions over lunch. Stakeholders were also notified of the stand-alone exhibition should they be unable to attend on the day.

**Attendance**

From the database of 54 individuals a total of 6 people attended the workshop. Attendees were representatives of Bristol Civic Society, Clifton & Hotwell’s Improvement Society, Christmas Steps Arts Quarter and Kingsdown Conservation Group.

On display was an exhibition which consisted of 16 boards: *(see Appendix D)*

- Board 1 - Welcome
- Board 2 – Consultation Update
- Board 3 – The Masterplan
- Board 4 – The Site
- Board 5 - Heritage
- Board 6 – Site Analysis
- Board 7 – Ground Floor
- Board 8 – Lower Ground Floor
- Board 9 – Sectional Elevation A
- Board 10 – Sections / Elevations
- Board 11 – Public Realm and Landscape
- Board 12 – Public Realm and Landscape
- Board 13 – Public Art Strategy
- Board 14 – Sustainability
- Board 15 – The Team
- Board 16 – Planning Policy

On hand to talk to attendees at both the key stakeholder session and the following public exhibition was a rota of the following members of the project team:

- Patrick Finch – University of Bristol
- Tony Musson – Wilkinson Eyre Architects
- Rebecca Woodhams – Wilkinson Eyre Architects
- Jeremy Bladon – CSJ Planning Consultants
- John Wormald – Capita (Project Management)
- Michele Lavelle – 4D Landscape Design
- Josh Eckett – Buro Happold
- Avril Baker – Avril Baker Consultancy

**Proceedings**

The session began with a welcome from University Bursar and Director of Estates Patrick Finch. Jeremy Bladon from CSJ Planning then provided a planning update and Tony Musson of Wilkinson Eyre Architects ran through the updated proposals on a PowerPoint presentation.

Afterwards attendees were invited to ask questions in a group discussion session before the meeting adjourned for further conversations with individuals around the boards over lunch.
Near neighbours and the wider public
An agreed catchment area was drawn up for the initial round of consultation which includes some 100 addresses in Elmdale Road, University Road and Woodland Road.

The same list of local residents and businesses were invited to view a stand-alone exhibition of the proposals on display from: Friday 28 February until Friday 7 March in the ground floor entrance foyer of the Wills Memorial Building, Queen's Road, Clifton, Bristol BS8 1RJ. (see Appendix E) Copies of the comment form and the comment box were left at the exhibition.

Recipients were also advised that the consultation material and other information about the project was available to view online at www.bristol.ac.uk/estates/projects/fry with an option to view or download the exhibition boards and a comment form.

University community
To engage with University community and promote awareness of the project and the consultation staff and students were invited to a presentation and exhibition drop-in session on Thursday 27 February from 2.30pm – 5pm at 1 – 9 Old Park Hill. Members of the design and planning team were on hand to talk through the proposals and answer any queries.

The consultation session was listed on UBU events page of the Student Union website and on the staff portal of the University intranet. (see Appendix F)

Patrick Finch, Bursar and Director of Estates sent a message to heads of departments asking them to promote the event to their staff and students. The administrator for the Maths also sent round a departmental email highlighting the event.

Attendance:
Two members of the University attended this session: one faculty member from the School of Mathematics and the University’s Student IT Experience Manager.

Anecdotally the porters in the Wills Memorial Building commented that there had been a regular flow of people viewing the exhibition.

Feedback

Key Stakeholder Session: (see notes of session at Appendix G)

During both the presentation session and the following informal discussions there was again strong support expressed for the proposals. Several attendees commented positively on the consultation process and appreciated the changes that had been made since the initial round of consultation, particularly with regard to the public realm and landscaping.

During the question and answer session main topics of discussion were around:-

Public art
Support generally for the incorporation of mathematically inspired artwork. Some reservations that the latest proposals for the atrium screen seemed heavier than the previous design and whether the facade behind would still be visible. One person questioned the public access/visibility of the atrium screen as it is in within the building’s central courtyard. It was suggested that it will also be visible from Cabot Tower.
Landscaping of new entrance/approach
There was general support for the changes in landscape treatment since the last round of consultation especially the simplified route of the entrance approach/footpath and lowered section of wall. One person suggested that if the vehicle drop-off point next to the new main entrance is required it should be more of a shared surface and feel like part of the main entrance courtyard. In response to a query about the width of the footpath - 3m was confirmed as ample as it lines up with the steps plus it also allows adequate space for the adjacent lawn/sitting out/informal teaching area.

Consultation/input by staff and students
The University confirmed that there is ongoing engagement with the School of Mathematics through a user group which meets every two weeks. Their input to the design is important especially as the intention is to make the refurbished building a real home for the School that encourages interaction and collaboration between staff and students.

Written responses
John Frenkel – Bristol Civic Society Major Sites team.
“The Society supports the University’s scheme that will produce major conservation gains. It was particularly pleasing to see that comments made at the first consultation meeting had contributed to the external changes in the scheme. I understand the various demands made on the area between the Fry Building and Woodland. Whatever the design, it is bound to be a compromise between the various interests. In my opinion, the proposed scheme of the courtyard and garden is probably the best compromise that you can achieve”.

“In response to last Thursday’s meeting on the Fry Building, I thought I should write to express thanks and congratulations on the progress made on every aspect of the proposals.

“Later, walking up the west raised pavement of St Michael’s Hill, it was an additional pleasure to see that the brash signs on various of the University’s buildings had been removed in favour of more appropriate and discreet signage.”

Staff member from Estates team
“I particularly like both of the suggested uses of artwork for the refurb project.” (reference the Cartesian geometry themed atrium screen and the graphic design of the tilework inspired by Paul Dirac)

“Also, the updated building design/ground level entrance. I’m sure that the provision of a ground level entrance into the building will be a huge improvement from an accessibility point of view and I’m sure that will be appreciated by visitors as well as improving the overall site/landscape there, generally.”

Verbal Feedback
Additional comments made in discussions on the day and not covered as above included:

Main entrance
A suggestion for creating more of an entrance portal at the new front door – something to signal the building’s entrance such as incorporating a University crest over the new main entrance doors?
**Interiors**
Agreement to the retention of internal decorative ceilings and a commitment to open up others that are presently covered up.

**IT Equipment**
A suggestion to include a printer, of a similar specification to those provided for the academic areas, for the LG undergraduate areas. To then explore see how this might work with 24hour access to the computer rooms and other facilities together.

**Chalkboards/whiteboards**
A Maths staff member would like to see a choice for either chalkboards or whiteboards in offices to allow for personal preferences and lots of chalkboards in the circulation spaces to encourage interaction (reference to the Faculty of Mathematics at the University of Vienna as a precedent for this).

**Next steps**
The team will consider all feedback and issues raised as the design process continues and would like to thank all those who participated in the consultation process.

In tandem with this second round of consultation a second pre-application enquiry has been submitted to Bristol City Council and dialogue with Council officers will continue. The project team will also continue liaison with Council officers and other consultees as appropriate.

An application is due to be submitted in late Spring. A Report of Community Involvement covering consultation to date will form part of the submission.

**Appendices**

- Appendix A – Bristol Urban Design Forum response
- Appendix B – Consultation update for Community Forum
- Appendix C – Key stakeholder invite
- Appendix D - Consultation Exhibition boards
- Appendix E – Near neighbour invite
- Appendix F – UBU and Staff & Student screenshots
- Appendix G – Notes from Key Stakeholder session
BRISTOL URBAN DESIGN FORUM

CSJ Planning
1 Host Street
Bristol
BS1 5BU

For the attention of Mr Jeremy Bladon, Director

17 December 2013

Dear Mr Bladon

University Expansion - pre application scheme for the refurbishment (with limited demolition and new build) of the University of Bristol’s Fry Building

Thank you bringing this scheme to the BUDF Panel. The material you provided in advance of the meeting was exceptionally clear and helpful in allowing members to prepare for the meeting. The University Porters also kindly allowed a member of our Panel to visit the building and courtyard in advance of the meeting.

Your presentation set out a number of clear strategic principles that we understand are closely aligned with the City’s planning policies. The Panel considered that many of these have been met to a high degree; members were impressed by the careful analysis of the existing buildings, the care with which accommodation had been matched to the original layout to ensure a sensitive refurbishment of the historic building, and the attention paid to enabling easy and legible movement to and through the building.

The strategy of reordering and rationalising the existing estate to meet the University’s accommodation needs combined with the investment in the restoration of the historic fabric and the improvements in sustainability, are in our view exemplary. The decision to ‘unlock’ the plan at the heart of the building is an intelligent response; this creates a sense of transparency and orders the whole building and, in the longer term, the buildings to the south. The proposals to replace the existing lecture theatre with a new entrance and add a dramatic new glazed stair enclosure on the south side have minimum impact on the existing fabric and in our view complement the quality of the existing building. We also supported the other major move of exploiting the changes in level to create a new lecture theatre and using its roof to provide additional external social space.

ctd over/
BRISTOL URBAN DESIGN FORUM

2/

The removal of the poor quality ancillary structures and extensions will provide valuable external spaces as well as the opportunity to appreciate the quality of the original architecture, much of which has been hidden for some time.

Your report also included the following objectives:
- Enhance the building’s setting and contribution to the surrounding conservation area through improvements to the public realm
- Improve the access and approach to the building for pedestrians (access is currently stopped)
- Reinforce linkages within the University Precinct as identified in the Estates Masterplan

The Panel fully endorsed these aspirations, recognising this project as a unique opportunity to improve movement patterns, ‘knit together’ disparate parts of the campus and create a sequence of high quality external spaces that contribute to the social life of the University and the City. In this respect, however, we were disappointed that the opportunity had not been taken to extend the study beyond the immediate area of the application.

We noted that the University Masterplan identifies improving the public realm in order to strengthen the identity of the Precinct as one of its Ten Strategic Moves, with particular reference to the junction between Woodlands Road, Tyndall Avenue and Tyndall Place. It also refers to traffic management measures and the introduction of a 20mph zone, all of which would, we believe, be consistent with the Council’s current thinking. We strongly recommend that even if this cannot be implemented in the immediate future it should be the starting point for a holistic approach to the design of the external space to the North of the Fry Building.

The Panel believes that further work is required on the design of the space to the north, which will further develop a response to the function of the space as well as bringing excitement and interest. It was noted that the external spaces around the University are well used by students, but the Panel considers that grass areas may limit the opportunity for sitting out. The potential intensity of use and the lack of sun for parts of the year suggest a more urban approach, using the potential of the change in level to create opportunities for ad-hoc seating.

In addition, the Panel thought that further detailed consideration of the boundary treatments is required, the potential for use as seating, the balance between enclosure, views and an open aspect, and planting were discussed.

The introduction of landscaped spaces elsewhere within the design was also welcomed; we noted that these had been influenced by Cambridge University lawns but felt that these had the potential to be more actively used courtyards and also act as a ‘fifth elevation’, possibly reflecting the mathematical theme of the building.

The Panel also suggested that the future design development of the external spaces should be informed by a sun path diagram, this would ensure that they are not unduly over-shaded by planting and help identify the likely spaces where users will gather.

ctd over/
BRISTOL URBAN DESIGN FORUM

3/

You have used the new north-south link as a strong driver for the design and proposed its inclusion as a new objective in the Strategic Development Plan. We supported this and suggested that the wider implications for the spaces within and around the Wills Building should now be explored in more detail to test its viability.

In conclusion the Panel was enthusiastic about the objectives of this proposal; it believes that the underlying rationale is coherent and convincing and forms the basis for a building that will be both memorable and functional. We urge you to look beyond the immediate site boundary and exploit the full potential of the proposed movement strategy in order that the scheme addresses the wider urban realm.

If it is considered appropriate the Panel would welcome the opportunity to undertake a further review at the next stage of the project’s development and in the meantime wishes you success with this ambitious project.

Yours sincerely

John Waldron RIBA
Chair, Bristol Urban Design Forum

cc: Bristol City Council Planning
    BUDF website
Appendix B – Consultation update for Community Forum

University of Bristol Fry Building
Consultation Update – February 2014

First Pre-application Enquiry Feedback and Response
The first pre-application enquiry was submitted to Bristol City Council on the 29th October 2013. Subsequently a stakeholder event was undertaken on the 13th November 2013, along with a public exhibition.

A presentation to the Bristol Urban Design Forum was also made on the 9th December 2013. The pre-application was also discussed at the Conservation Advisory Panel on the 19th November 2013, and a response was provided by the Bristol Civic Society on the 16th November 2013.

The general feedback from the City Council, BUDF, stakeholder organisations and the public has been extremely positive to date.

Second Pre-application Enquiry
The second pre-application enquiry will be submitted to the City Council to coincide with a second stakeholder event to be held on 27 February and a week-long public exhibition in the Wills Memorial Building.

This submission will provide more details of the scheme as they continue to develop. It will also respond to the key issues and requests for further information arising from the first consultation exercise. In summary, it includes the following issues which will be expanded on within the document:

- A further study has been undertaken to describe the connections across the site and to the wider Precinct and Royal Fort gardens, as well as through to the rear of the Wills Memorial Building. (These are for information only and will not form part of the planning application.)
- Further design work has been undertaken on the Public Realm and landscape that takes into account the comments received following the first pre-application enquiry and stakeholder consultations.
- The proposals for any mitigation against loss of trees to the Bristol Tree Replacement Standard have been assessed and described.
- The Archaeological Desktop Assessment and Arboricultural Impact Assessment have now been completed and provided to the City Council.
- Further design work has taken place on the new main entrance and the proposed single storey extension to the rear of the building.
- The public art strategy has been developed further and now includes more detailed proposals for satisfying this requirement.
- The Heritage Statement has been updated and now includes a full Internal Fabric Audit. Drawings have also been prepared that more clearly describe the retention and demolition of original fabric.
- The sustainability approach and, in particular, the on-site renewables strategy has been revised to reflect the advice in the first pre-application response.
14 February 2014

Dear Stakeholder

University of Bristol – Fry Building – consultation update

Last November the University of Bristol held an initial consultation session regarding proposals being brought forward to refurbish and improve the Fry Building, in order to provide a new home for the Department of Mathematics. The Fry Building currently houses the University’s Faculty of Biological Sciences which later this year will relocate to the new Life Sciences Building currently under construction on St Michael’s Hill.

I am pleased to invite you to a follow up consultation session which will take place on:

Thursday 27 February from 1 – 2pm (registration from 12.45pm)
The University Training Room, 1-9 Old Park Hill, BS2 8BB

At the session architects Wilkinson Eyre will present their latest proposals for discussion as the team work towards submission of a planning application in late Spring. Representatives from the University and the wider project team will also be on hand to talk through any questions or queries you may have.

I do hope that you or a representative may be able to join us on 27 February. To help with arrangements on the day it would be helpful if you could complete the attached reply form.

The Fry Building is located on a triangular site between Woodland Road and University Road with the Wills Memorial Tower to the south. It is Grade II listed and lies within the Tyndall’s Park Conservation Area.

The proposals focus on the refurbishment of the main listed buildings, some demolition of the more modern poor quality additions and the possibility of some new extensions to create a major focal point and begin to form links to adjacent University buildings and Tyndall Avenue. The proposals also take account of some of the key aspirations in the Supplementary Planning Guidance 11 and masterplan for the University precinct which was adopted by the City Council in 2006.

Following the stakeholder session the consultation exhibition will move to the ground floor foyer of the Wills Memorial Building, Queen’s Road, Clifton, Bristol BS8 1RJ where it will be on display as a stand-alone exhibition from the afternoon of Friday 28 February until Friday 7 March.

The consultation material and other information about the project will also be available to view online at www.bristol.ac.uk/estates/projects/fry.

Yours sincerely

Avril Baker
Consultation co-ordinator
Appendix D – Consultation Exhibition boards

WELCOME

Introduction

Thank you for coming to our second consultation exhibition and taking the time to view the latest proposals for the Fry Building.

Timeline

February 2014: Revised planning pre-application submission to Bristol City Council and follow-up consultation and public exhibition.
April 2014: Planning and Listed Building Consent applications submitted.
August 2014: Earliest anticipated start of building activities.

Project Areas

The Fry Building currently houses the School of Biological Sciences, which is due to move to the new Life Sciences Building on Tyndall Avenue in 2014. The University has set the following key project areas for the Fry Building and its site:

1. Redefine the Fry Building as a world-class facility for mathematics research and learning that will attract and retain staff, undergraduate and postgraduate students;
2. Tackle the existing building's wiring and contribute to the surrounding Central Area through improvements to the public realm;
3. Improve the access and approach to the building for pedestrians;
4. Provide a dedicated new entrance and term identity for the School of Mathematics, and other adjacent departments and faculties;
5. Reconfigure the lecture theatre into a University Room to implement the University's
   Lecture Theatre Strategy;
6. Improve the use of poor-quality existing internal spaces by providing an event
   space; and
7. Remove redundant corridor space and extend existing lecture and laboratory
   facilities to improve the appearance of the building;
8. Improve access throughout the building;
9. Improve heating, ventilation and air conditioning within the School of Mathematics;
10. Develop an exemplary sustainable refurbishment that achieves BREEAM "Very Good & 50% C.";

Consultation UPDATE

First Pre-application Enquiry Feedback and Response

The first pre-application enquiry was submitted to Bristol City Council on 28 October 2013. Consultation in accordance with prevalent good practice was undertaken on 11 November 2013, along with a public exhibition.

A presentation at the Bristol Urban Design Forum was held on 4 November 2013. The pre-application was discussed at the Conservation Advisory Panel on 19 November 2013, and a report was submitted to the Bristol Civic Trust on 15 November 2013. An appointment to the pre-application enquiry was provided to the Bristol City Council on 10 December 2013 following a presentation to the Council's site visit held on 19 December 2013. The proposals were considered by the Planning Policy Panel on 30 January 2014 and the Council has now followed up with a site visit.

The general feedback from the City Council, DCLG stakeholders and the public has been extremely positive to date.

Second Pre-application Enquiry

The second pre-application enquiry will be submitted to the City Council for consideration with a second site visit held on 27 February and a week-long public exhibition in the: Following a site visit, the Planning Policy Panel on 30 January 2014 and the City Council will then respond.

This submission will provide more detailed information about the scheme and how it can be improved. It will also respond to the key issues and queries raised by the Planning Policy Panel on 30 January 2014 and the City Council.

The general feedback from the City Council, DCLG stakeholders and the public has been extremely positive to date.

1. Further design work has been undertaken to develop the proposals.
2. Further design work has been undertaken to develop the proposals.
3. The archaeological assessment and environmental impact assessment have been submitted and provided to the City Council.
4. Further design work has been undertaken to develop the proposals.
5. Further design work has been undertaken to develop the proposals.
6. Further design work has been undertaken to develop the proposals.
7. The sustainability approach will, in particular, the overall aspirational strategy has been revised.

Refurbishment of the Fry Building

AVRIL BAKER CONSULTANCY – March 2014
THE MASTERPLAN

The masterplan aims to enhance the existing buildings and expand the University facilities in the following ways:
1. To make Fishlock Avenue the social heart of the University.
2. To extend and complete the University building on the east side of the street.
3. To extend the new entrance on the south side.
4. To extend new suites, views, and views from Bristows Hill to the River Trent.
5. To extend the public square in order to beautify the University of York.
6. To provide a new building adjacent to the Lodge on the east side of the street.
7. To extend the new building adjacent to the Lodge on the east side of the street.

THE SITE

The Fry Building, part of which date from 1930, is one of the historic buildings that are located within the University of York. The site is located in the eastern part of the city centre. The building occupies a prominent site at the intersection of University Road and Museum Road and lies within the Fry's Park Conservation Area.

The building is situated on a sloping site, surrounded by north-west facing accommodation arranged across four main floors. A number of rooms are set within tree-planting, to the south and east, and an area of open space (cobbled or grass area) to the south. These rooms have been developed from 1960 with the four north-east wing completed in 1980.
HERITAGE

The majority of the Fry Building is Grade II listed and comprised of two separate estates, one for the victorian wing and another for the new extension. A separate Grade II listing is also made for the gates, piers and attached walls forming the entrance to the western frontage from University Road.

The greater part of the Fry Building currently accommodates the University's School of Biological Sciences and the Dpartment of Plant Sciences. St Michael's Church, a grade II* listed church and part of the Fry Building, is also a separate listing. The western wing houses part of the School of Geographical Sciences and Ethics suites are proposed to remain in the building.

The building's design is architecturally simple and reflects the character of the original design retained in good order including chimneystacks and high windows, but prominent features are a decorative cast-iron canopy. Internally, much of the building has been adapted to house the University's needs. The proposed refurbishment includes new floor plans and services, and minor additions to existing elevations and rooflights and remove the redundant services additions.

A detailed Heritage Statement, including an initial Heritage DRAFT, is currently in preparation. The proposal for the building has been developed in consultation with the heritage directorate and the heritage significance of the building is enhanced by the refurbishment works.

SITE ANALYSIS

The Fry Building is located within the University of Bristol's campus and is adjacent to the Grade II listed St Michael's Church. The building is situated between University Road and Cabot Lane and is accessed via a series of gates and archways.

The plan of the Fry Building shows the different areas within the building, including the main floor and ground floor plans. The proposed refurbishment is shown in red, and the existing structure is shown in black.

The existing building is a large, rectangular structure with a central courtyard. The new extension is located to the south of the existing building and is connected to it via a series of archways.

The design of the new extension is modern and incorporates sustainable features. The proposed refurbishment includes the installation of new floor plans and services, and the removal of redundant services additions.

The heritage statement for the Fry Building is currently in preparation and will be submitted to the Heritage Directorate.
PUBLIC REALM AND LANDSCAPE

The key features of the proposed landscape design are as follows:

- A new landscape and entrance plaza to the north of the building, which opens up the site and connects the new main entrance to the core of the University, is planned in the north. This also features setting walls and steps which create a formal introduction to the site.

- A new landscaped terrace with raised level at ground floor level within the southern aspect of the existing building.

- A new landscaped courtyard at lower ground floor level.

- Refurbishment of the concrete surfacing to improve the current paving and access provision.

- General improvement of hard and soft landscape in order to complement the setting of the Fry Building.

These spaces will ensure high-quality access to external teaching, relaxation and social interaction, and will be potential for accommodation and activity as external increases or changes occur.

PUBLIC REALM AND LANDSCAPE

In response to the feedback received on our previous proposals we have made the following key changes to the proposed public realm landscape design:

1. Entrance approach straightened to reflect north-south axis.

2. New connection to University Road incorporating cycle parking.

3. Step located to provide seating and space as views.

4. Scalloping roof south-facing and north-facing to create a larger space in front of the building.

5. New trees and shrubs to frame views of the Fry Building from within the site.

6. The design of the paving to the entrance plaza has been simplified and would also incorporate a mathematical pattern.

7. New plantings with trees added to define the western edge of the entrance plaza.

8. Additional seating pads have been provided along the edges of planted areas to offer more opportunities for outdoor seating.

9. The teahouse courtyard has been reconfigured to include a larger paved area to improve the usability of this space throughout the year, with seating pads have been added to provide further opportunities for outdoor seating, studying and teaching, and a canopy has been added over the external cycle parking.
PUBLIC ART STRATEGY

The University is keen to see all elements integrated into the building fabric to enable its aesthetic properties, which would ensure the strategy is in line with the "human scale" of the space.

This approach also provides the opportunity to celebrate art in its physical form as a key feature of the University’s identity and fulfills the main objective of the Bristol City Council Plan for Art, as well as adding to the context of public art and culture.

Following a careful analysis of mathematical patterns and collaboration with the School of Mathematics, we have proposed the main intervention:

1. The proposal has explored how the Cartesian geometry of the existing self-collapsing intro-

This section requires further exploration of the structural geometry of the intro-

2. The second proposal focuses on the use of the fluid concepts from mathematics and physical models (1900–1950). In particular, we have taken inspiration from the form of mathematical graphs that he developed in order to create a graphic design that can be integrated into the building.

There are a number of benefits to using this approach:

- They can be read purely as built art and design;
- They can be interpreted as pattern making, adding life to the new elements of the design;
- They provide interaction and discussion;
- This can act as a stimulus for further inquiry and as an educational resource for the School of Mathematics;
- The physical result of the patterns reflect the experience of the occupants and their ongoing interventions in the environment.

This strategy has produced two dynamic interventions that create a strong narrative for the School of Mathematics, both within the University, Bristol, and the city as a whole.

SUSTAINABILITY

In line with Bristol City Council’s sustainability strategy, the initial environmental and sustainable design has developed the following key initiatives:

1. A BREAM rating of "Very Good" can be achieved.
2. An ASHP rating of an achievable target.
3. Achieving the Bristol City Council’s planning target of a 20% reduction in CO₂ emissions through sustainable technologies can be achieved for the new building element of the scheme.
4. Providing 30% of Building Renovation (BPR) panels is the most effective for incorporating low and even carbon technologies into the new-build elements of the project.
5. The preferred option of "Proposed BPR and System Improvements (BPR) and BPR Bifacial Bifacial, HVAC, and Lighting System Improvements" along with the 30% of BPR panels. This creates a CO₂ emissions under improvement and a further narrative for the existing building’s performance.
6. The proposed interventions impose significant restrictions on the ability to invest energy savings on small-scale improvements. Consequently, it is important to ensure that the interior environment is correctly specified to meet the requirements of the Building Regulations and deliver a high level of thermal performance.
7. The major energy demand is for heating and cooling. The demand is limited by the number of fabric losses that are possible.
8. The planning assumption will include a video tour of the sustainability issues and emerging proposals: relevant to water, waste, materials, biodiversity and sustainability.

Refurbishment of the Fry Building
THE TEAM

WilkinsonEyre Architects
Bow Hayward: Multi-disciplinary Engineers
40 Landscape Design: Landscape Architects
Capita: Project Management, Transport and Ecology
Geodes: Cost Consultants
EM Planning Consultants
Heritage Plus: Heritage Consultant

PLANNING POLICY

PLANNING CONTEXT AND CONSTRAINTS
Location and Designations
The site lies within the following: National Planning Policy Framework, March 2012.

RELEVANT PLANNING POLICY CONTEXT
This report considers the following: National Planning Policy Framework, March 2012.

PRINCIPAL POLICY TESTS
The development proposal will considers the following seven tests as part of the design process: These policies have been identified as follows:

Supplementary Planning Documents, Policy Advice Notes and Practice Guides
- Climate Change and Sustainability Practice Notes, September 2011.
- SUD 7: Archaeology and Development, 2006, and
14 February 2014

Dear neighbour

University of Bristol – Fry Building – consultation update

Last November the University of Bristol held an initial round of consultation regarding proposals being brought forward to refurbish and improve the Fry Building, in order to provide a new home for the Department of Mathematics. The Fry Building currently houses the University’s Faculty of Biological Sciences which later this year will relocate to the new Life Sciences Building currently under construction on St Michael’s Hill.

The Fry Building is located on a triangular site between Woodland Road and University Road with the Wills Memorial Tower to the south. It is Grade II listed and lies within the Tyndall’s Park Conservation Area.

The proposals focus on the refurbishment of the main listed buildings, some demolition of the more modern poor quality additions and the possibility of some new extensions to create a major focal point and begin to form links to adjacent University buildings and Tyndall Avenue. Key features include a new main entrance combined with new landscaping and public realm design, improved access through the building, a new lecture theatre and raised external terrace within the building’s southern courtyard and sensitive external and internal alterations to the building fabric.

The first round of consultation, in November looked at initial design proposals. This second round will show updates to the proposals prior to planning submission.

I am pleased to invite you to view an exhibition of the proposals which will be on display from:

Friday 28 February (from 1pm) until Friday 7 March
Ground floor foyer of the Wills Memorial Building
Queen’s Road, Clifton, Bristol BS8 1RJ

The consultation material and other information about the project will also in due course be available to view online at www.bristol.ac.uk/estates/projects/fry.

If you have any further queries about this project please get in touch.

Yours sincerely

Avril Baker
Consultation co-ordinator
Appendix G – Notes from Key stakeholder session

University of Bristol Fry Building
Notes from Key Stakeholder session – 27 February 2014

Team:
Patrick Finch - University of Bristol
Tony Musson - Wilkinson Eyre Architects
Rebecca Woodhams - Wilkinson Eyre Architects
Jeremy Bladon – CSJ Planning
Michele Lavelle – 4DLD
John Wormald - Capita
Avril Baker – ABC – consultation co-ordinator

Attendees:
Hamilton Caswell – Christmas Steps Arts Quarter
John Frenkel – Bristol Civic Society
Nicholas Kidwell – Kingsdown Conservation Group
Jeremy Newick – Kingsdown Conservation Group
Dr Nick Whiteley – School of Mathematics
Brian Worthington – Clifton & Hotwells Improvement Society

Following a welcome by Patrick Finch, Bursar, and update on the planning situation from Jeremy Bladon of CSJ Planning Tony Musson ran through the updated proposals in particular highlighting changes since the last consultation.

This was followed by a group question & answer discussion session

Discussion topics included:

1) Initial consultation showed two options for orientation of the staircase
   Confirmation that will be submitting just one option showing the more axial link.

2) Two options shown for the mathematically inspired tilework
   Confirmation that simpler option is preferred

3) Strong support for changes in landscape treatment. A question as to whether the drop-off point in Woodland Road is still needed
   This is required for disability access.
   Further comment that could this be designed therefore more as shared access when not in use as drop off

4) Is the proposed footpath at fig 1 wide enough
   Confirmation that this is 3m which would be more than adequate plus this enables it to lead into the steps. If wider this would squeeze the outdoor seating/informal teaching space.

5) Discussion re removing the hedge and possibly adding formal gate posts.
   The University is happy that public can wander in.
   Comment that the perennial planting has been designed as part of the University’s pollination project

6) Size of trees
   Confirmed will be 18 – 20cm girth and will meet the Tree replacement Standard
Suggestion that there is an opportunity for the University to plant some trees in the spaces in Buckingham Vale opposite the Union Building. It was thought that this was outside the scope of the University as on private land.

7) Public Art/Atrium screen
Group discussion regarding the design of the atrium screen. Broad support but some questioned the thickness of the lattice and how much of the facade of the building behind would be visible. Also it was questioned whether this public art would be visible/accessible by the public.

8) Re consultation/input by staff and students
A users group meets every two weeks with the architects/team to discuss progress and input to the design. Last year a presentation had also been given to the wider Maths School Assembly. Intention is to give students a good reason to spend more time in the department as Maths want to make it a community and not just a building

The present building lends itself very well to future use by Maths and is a good fit for the school in terms of the reuse of the different spaces and accommodation.