REFURBISHMENT WORKS AT:

22 ELTHORNE ROAD

UXBRIDGE

GREATER LONDON

UB8 2PS

Supporting Documentation

Design & Assess Statement

Sustainability Statement

INTRODUCTION - THE SITE, THE INTENTION, AND THE AMBITION

The purpose of this Design & Access Statement is to illustrate to the Local Planning Authority the Applicant's proposed replacement windows and doors at 22 Elthorne Road, pursuant to the requirements of Section 327(b) of the Town and country Planning act 1990 and Article 4(c) of the Town and Country Planning (General Development Procedure) Order 1995.

The approach adopted to produce this Design and Access Statement is in accordance with Circular (2006) as well as the guidance produced by CABE, 'Design and Access Statements – How to write, read and use them' (2006).

This document is intended to be a positive and useful tool for the discussion between the Applicant, Agent, and Local Authority about the proposed works to accompany the submission of a Planning Application.

The proposed application location is situated in Uxbridge, within The Greenway Conservation Area. Uxbridge emerged as the economic focus of the ancient parish in the late 12th century when Gilbert Basset granted the right to hold a Thursday market in the town to the 'burgesses' of Uxbridge. The area is residential and benefits from being a short commute to Bournemouth Town Centre, with plenty of museums, gardens, restaurants, pubs, and much more.

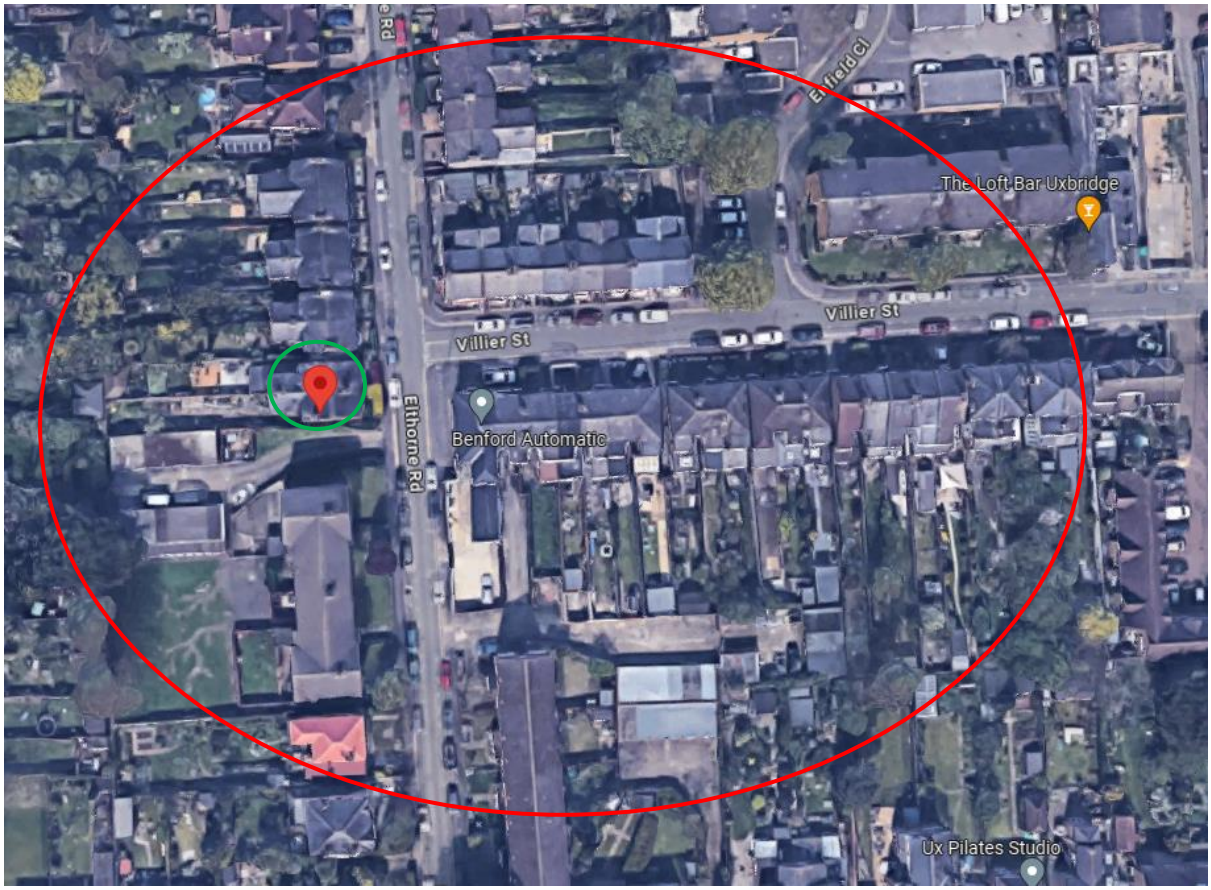
The Applicant, Mr. Jeary, is the owner of the property which forms part of a semi-detached building, forming 2 residential units. The building, as a whole, consists of timber framed windows, showing clear sign of wear.

The Applicants and Agent are seeking to replace 13 windows and 2 doors servicing the property. Whilst continuing to recognise the importance of the proposed work this is continuing to enhance the important character of the property. This is further elaborated throughout this document.

ENVIRONMENT – SITE LOCATION AND SURROUNDING AREA

The property location is situated within Uxbridge.

The area surrounding the property is very residential and thrives on the aesthetic of its Victorian character. For example, the site benefits from being near to some architecturally important buildings which contribute to defining the unique character of the area. The site is within walking distance of the local pub as well as the areas high school and Brunel University. The Greenway Conservation area does not contain any listed building although there is one touching the boundary of the area, listed by Historic England. Strategically, the property also benefits from being close to Heathrow airport and Slough town centre, with a variety of shops and restaurants.



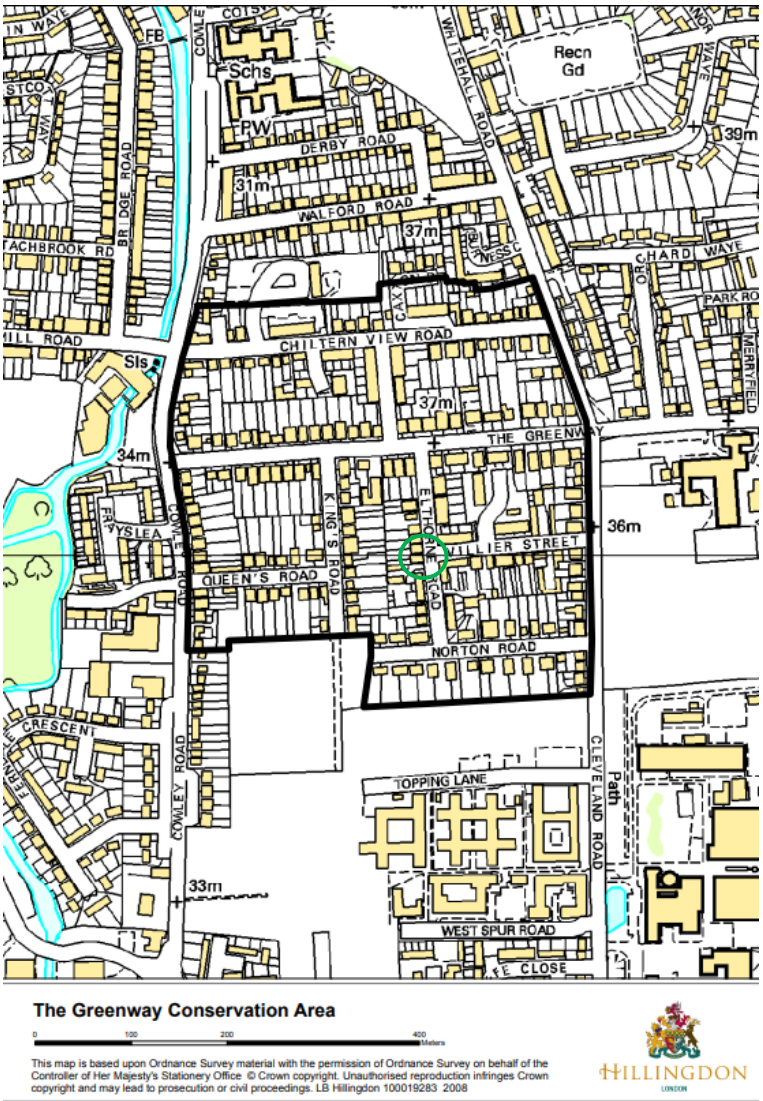
Legend

- Red shows area benefiting from the use of modern materials.
- Green shows the Applicant's property.

HISTORY OF THE AREA

Uxbridge consists of 272 listed buildings, including a grade II listed 1-4, Hogarth Close, nearby to the Applicant's property. Despite being a residential part of the city, the Conservation Area contains a mix of architectural styles and building usages including shops, churches, and restaurants.

The Conservation Area contains some of the area's best examples of timber-framed and pantile roofed buildings and importantly, throughout the Conservation Area there are a few new modern built developments of varying levels of architectural merit.



Legend

- Green shows the Applicant's property.

NEIGHBOURING PROPERTIES

Elthorne Road

Elthorne Road, the Applicant's road, contains many residential buildings that have hardwood, timber windows, like the Applicant's property. Other buildings show off the areas style with PVCu windows installed.

Image 1 shows a property consisting of timber slider windows with astragal bars. The windows are painted white and have been well maintained, holding a tidy appearance.

Images 2, 3, and 4 show PVCu replacement windows. The property in image 2 follows the style of the timber windows in image 1, with a 50/50 sash style and astragal bars.

The property in image 3 does not follow the same window style. The windows installed are a standard casement with a different fenestration.

Finally, the property in image 4 is a detached building with a completely different design to the other houses lining this road. The property shows a rendered finish on the first floor with PVCu windows consisting of astragal bars on the top casement only.

NEIGHBOURING PROPERTIES – CONTINUED

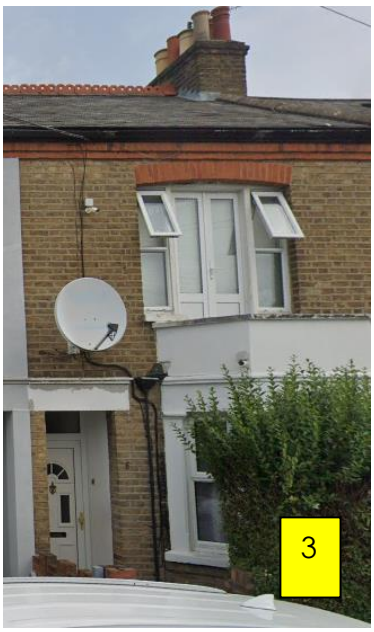
Villier Street

Nearby, is a quieter secondary road. The properties lining this road show a larger range in style than those on Elthorne Road. See images below.

The property in image 1 shows a likeness in appearance to the properties lining Elthorne Road. The windows on the property are white painted timber and are, again, well maintained. The front door is also timber and has been finished with pink paint.

Image 2 shows a property with a grey rendered finish. The windows within the property are standard casement PVCu windows which do not folllow the 50/50 sash style design as Elthorne Road but do not negativeley impact the street scene. The front door is timber, like the porperty in image 1, and is finihsed with grey paint.

Finally, image 3 shows a property, similar to image 1, with a ground floor bay window. The windows at this property utilise PVCu windows. The first-floor, front elevation shows French doors with adjoining windows, a style not seen in the area.



Previous Approvals

Applications nearby the Applicant's property have previously been granted approval. 72 Vine Lane were granted permission for the erection of an outbuilding to the rear garden. 2 Elthorne Road were granted approval for the erection of a single-storey rear extension. 6 Elthorne Road had approval for a single-storey rear/side extension, with the partial demolition of the existing single-storey side extension.

THE BUILDING – EXISTING PROPERTY

The building at the centre of this application is a two-storey semi-detached building. It is a late 20th century build but upholds the design of the surrounding area, with hardwood timber-framed windows and doors.

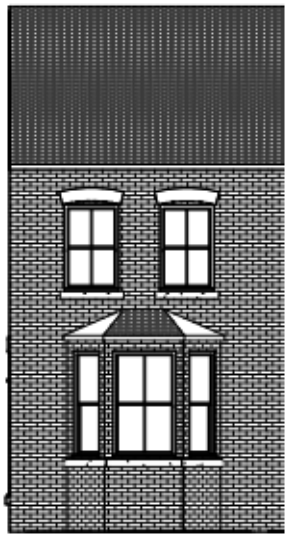
The side of the property contains less architectural features of note. Image 3 shows the main door to the property, a timber door painted green.

The current windows at the property are white painted timber, showing clear sign of wear. The property would hugely benefit from replacing the windows and doors with PVCu for the purposes of appearance, soundproofing, insulation, as well as security.

The Street Scene objective and impact

Neighbouring properties along the Applicant's Road have already replaced their windows with PVCu, proving the modern material does not negatively impact the street scene, whilst the property is positively enhanced.

CAD DRAWINGS OF THE APPLICATION BUILDING



1 **Front Existing**
1 : 100

2 **Rear Existing**
1 : 100

3 **Side Existing**
1 : 100

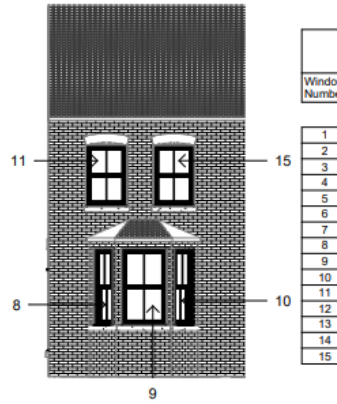
Scale 1:50

THE PROPOSED WORKS

The Applicant is seeking approval to replace 13 windows and 2 doors at the property – these are highlighted below on the drawings.

The current windows were installed when the building was first constructed and made using the predominant material at the time. This being the use of timber frames with poor quality glazing. Had the building been constructed more recently, it would have certainly benefited from the use of current common materials such as PVCu and higher performance glazing. Not only for the sole purpose of insulation, but for security as well as reducing the effects of noise pollution.

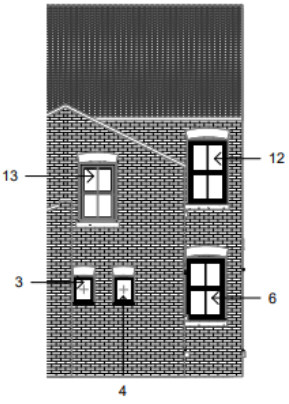
The existing windows are showing obvious signs of being passed their prime condition, rotting and flaking. The rating of the glazing is subpar and falls short of current building standards, providing insufficient levels of thermal and acoustic performance.



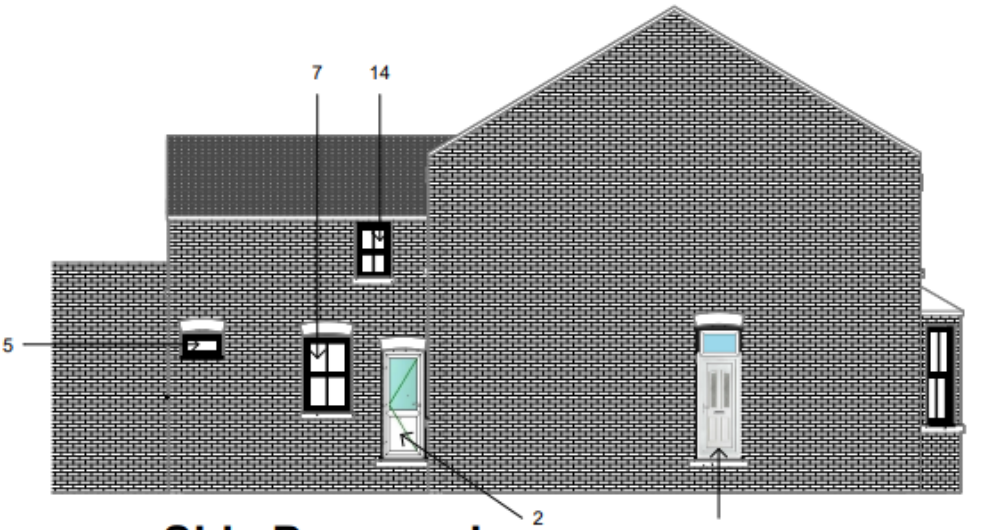
1 **Front Proposed**
1 : 100

Window Style Schedule

Window Number	Window Type	Window Width (mm)	Window Height (mm)	Window Colour	Window Material	Window Glazing	Sealed Unit Depth
1	Composite Door with Top Light	850	2480	White Smooth	PVCu	Everglade TUF Obscure Double	4-20-4
2	Composite Door	815	2030	White Smooth	PVCu	Everglade TUF Obscure Double	4-20-4
3	Type A	500	640	White Smooth	PVCu	STD Clear Double	4-20-4
4	Type A	500	650	White Smooth	PVCu	STD Clear Double	4-20-4
5	Type E	775	430	White Smooth	PVCu	STD Obscure Everglade Double	4-20-4
6	EcoSlide	975	1490	White Smooth	PVCu	TUF Clear Double	4-20-4
7	EcoSlide	900	1390	White Smooth	PVCu	TUF Clear Double	4-20-4
8	EcoSlide	600	1835	White Smooth	PVCu	TUF Clear Double	4-20-4
9	EcoSlide	1085	1835	White Smooth	PVCu	TUF Clear Double	4-20-4
10	EcoSlide	600	1835	White Smooth	PVCu	TUF Clear Double	4-20-4
11	EcoSlide	990	1460	White Smooth	PVCu	TUF Clear Double	4-20-4
12	EcoSlide	975	1555	White Smooth	PVCu	TUF Clear Double	4-20-4
13	EcoSlide	915	1390	White Smooth	PVCu	TUF Clear Double	4-20-4
14	EcoSlide	665	1030	White Smooth	PVCu	TUF Clear Double	4-20-4
15	EcoSlide	980	1455	White Smooth	PVCu	TUF Clear Double	4-20-4



2 **Rear Proposed**
1 : 100



3 **Side Proposed**
1 : 100

ale 1:100

This application does not seek to alter the existing access arrangements to the building and overall land curtilage.

TIMBER-FRAMED WINDOWS

As noted previously, the Applicant is seeking to replace the windows and doors at the property.

The Applicant currently has timber-framed windows which, in this case and in most cases, are single-glazed. Single-glazed windows are poor insulators of heat, letting the heat from inside by and allowing the outside cold in. The proposed replacement windows and doors will utilise the benefits of high-performance double glazing, increasing the thermal comfort levels within the property when coupled with the multichambered PVCu mainframe. This is in line with current building standards and can reduce the wasted energy of the room by up to 30%.

Furthermore, the applicant lives alongside a railway track causing plenty of noise pollution within their home. Timber windows are, typically, not very good at blocking out or minimising noise passing through, meaning they don't provide acoustic comfort to anyone in the property. PVCu windows, however, give that acoustic comfort with their secure finish and installation, as well as their double glazing. First Home Improvements' PVCu windows are designed to reduce the power of soundwaves travelling through the glass, all whilst preserving the heating or cooling energy in the home. This ensures that energy in conserved, and energy loss is kept to a minimum.

Example taken from Applicant's property:

DAMPNESS, MOULD, AND MILDEW

Timber windows are susceptible to water damage. In Britain, this is a priority focus. Wooden frames allow for vapour to percolate onto the windows, if not properly maintained. This adds the point that timber-framed windows are high maintenance whereas PVCu windows only need to be wiped down to clean off any dirt or residue, resulting in a low-maintenance window and a cleaner looking frame.

Condensation can cause dampness which can affect the surrounding area and eventually lead to blown plaster. This can damage furniture as well as windows, whilst also being detrimental to health. Living in a home affected by damp can cause physical harm to the health of people with weak immune systems and can also be associated with poor mental health. Although condensation will usually dry over the course of the day, it can soak into nearby surfaces. It does not pose a risk to health itself, but it can develop into other problems within the home that may lead to future health risks.

Additionally, poorly maintained timber eventually leads to mould. Mould can not only cause damage to your windows but can also lead to serious health problems, especially to those who are sensitive to allergens that moulds produce. Common ailments are cold-like as well as skin rashes, but mould can also affect the immune system. Those with asthma can be more seriously, and even fatally, effected. Long-term exposure can exacerbate the risk and some people risk developing respiratory health issues, which is why it is important to stay on top of the maintenance of windows.

Alongside mould, mildew also affects the health of anyone who has undergone prolonged exposure. Mildew is a fungus and is easier to spot than mould but remains a result of poor quality, poorly maintained, or old windows. PVCu windows are sustainable, secure, and low maintenance which massively reduces any risk of these problems becoming an issue.

Examples of harm caused by dampness, mould, and mildew:

NATIONAL PLANNING POLICY FRAMEWORK – OVER ARCHING PRINCIPLES

It is reminded the purpose of the National Planning Policy Framework and system is to contribute towards the achievement of sustainable development. At its highest level, the objective of sustainable development, improvement, and refurbishment can be summarised as meeting the needs of the present without compromising the past and the ability of current and future generations to meet their own needs.

Achieving sustainable development means that the planning system has 3 overarching objectives, which are interdependent and need to be pursued in mutually supportive ways:

economic objective

- to help build a strong, responsive, and competitive economy by ensuring that sufficient land of the right types is available in the right places, at the right time to support growth, innovation, and improved productivity; and by identifying and coordinating the provision of infrastructure.

social objective

- to support strong, vibrant, and healthy communities by ensuring that a sufficient number and range of homes can be provided to meet the needs of present and future generations.
- Foster well-designed, beautiful, and safe places, with accessible services and open spaces that reflect current and future needs and support communities' health, social and cultural well-being.

an environmental objective

- to protect and enhance our natural, built, and historic environment, including making effective use of land, improving biodiversity, using natural resources prudently, minimising waste and pollution, and mitigating and adapting to climate change, including moving to a low carbon economy.

It should be recognised these principal objectives are core to the deliverance of sustainable development and should be pursued in a positive way. Whilst they do not provide the criteria against which every decision can or should be judged, it is at the heart of the National Planning Policy Frame that presumptuous decision-taking will be made in favour of sustainable development, improvement, and refurbishment.

The decision-taking reminds the approving of applications, unless any adverse impacts of doing so would significantly and demonstrably outweigh the benefits, when assessed against the policies in the National Planning Policy Framework when taken as a whole.

SUSTAINABILITY STATEMENT

Here at First Home Improvements, we do not just consider the 1st impact of our actions on the environment, but the 2nd, 3rd & 4th as well. We are fully committed to continuing to improve our processes to adopt a more sustainable future to conserve resources and energy for us all wherever possible.

As one of the leading suppliers of PVCu home improvement products in our industry we recognise the impact we have on the environment and take proactive steps to minimise waste, recycle when practical, reuse wherever possible and reduce CO2 emissions everywhere we can.

Sustainability - We recycle and provide A+ energy rated products

While it is important to remember vinyl-based materials do consume energy during its production, the effective performance is much longer than that of traditional materials without the need for additional maintenance or servicing. For example, the revarnishing of a wooden window. This means that, once installed, the additional consumption of energy, raw materials, chemicals, and even CO2 emissions traveling back and forth can be prevented from entering the waste chain of materials and resources.

Even more impressively, PVCu can be recycled multiple times and does not need to be placed into landfill.

Fact - it takes less raw energy to recycle than it does to make in the 1st place.

Our A+ energy rated product range does in fact contain recycled waste materials to improve the thermal efficiency. Contained within the unseen multi-chambered frame is a series of vinyl-based linings to capture the retention of heat, prevent thermal bridging, and prevent expelling of heat and energy from our customer's home. This means rooms can be kept at a better comfort level without having to turn the heating up!

Working with and licenced by the Environment Agency, we are certified and registered as an upper tier waste carrier. This means we are trusted to remove and dispose of waste materials and products in the most environmentally friendly way possible. Each window, door, or otherwise we remove is transferred back to one of our waste disposal sites and broken down to ensure all recyclable materials, such as wood, glass, metals, and plastics, can be sent for processing and returned into the supply chain for reuse as recycled materials.

Fact – last year we recycled nearly 500 tonnes of PVCu alone.

Thinking Green and Environmental Awareness – Evolving and Reducing our carbon footprint

We want to improve our environmental performance and maximise energy efficiency across our business to reduce our overall usage.

The following are some strategies we have committed to across our business to proactively lead our teams to reduce the overall environmental impact we have.

- All conventional lighting is being upgraded to low emitting diode (LED) lights.
- Replacement of fleet vehicles with fully Electric or Hybrid options
- Installation of Electric vehicle charging stations.
- Limiting the speed of our fuel-based installation vehicles to the most efficient 50mph
- Upgrading our buildings to reduce heat loss through aging roofs, windows, and doors.
- Providing recycling stations to all our building and offices
- Removal of printers across the business to reduce paper waste.
- Upgrading of our eCommunications infrastructure to reduce unnecessary travel and paper waste.
- Encouraging a business wide 'Switch It Off' campaign for unused electrical goods.
- Upgrading to timers, economical thermostats, and movement detectors to reduce energy consumption.

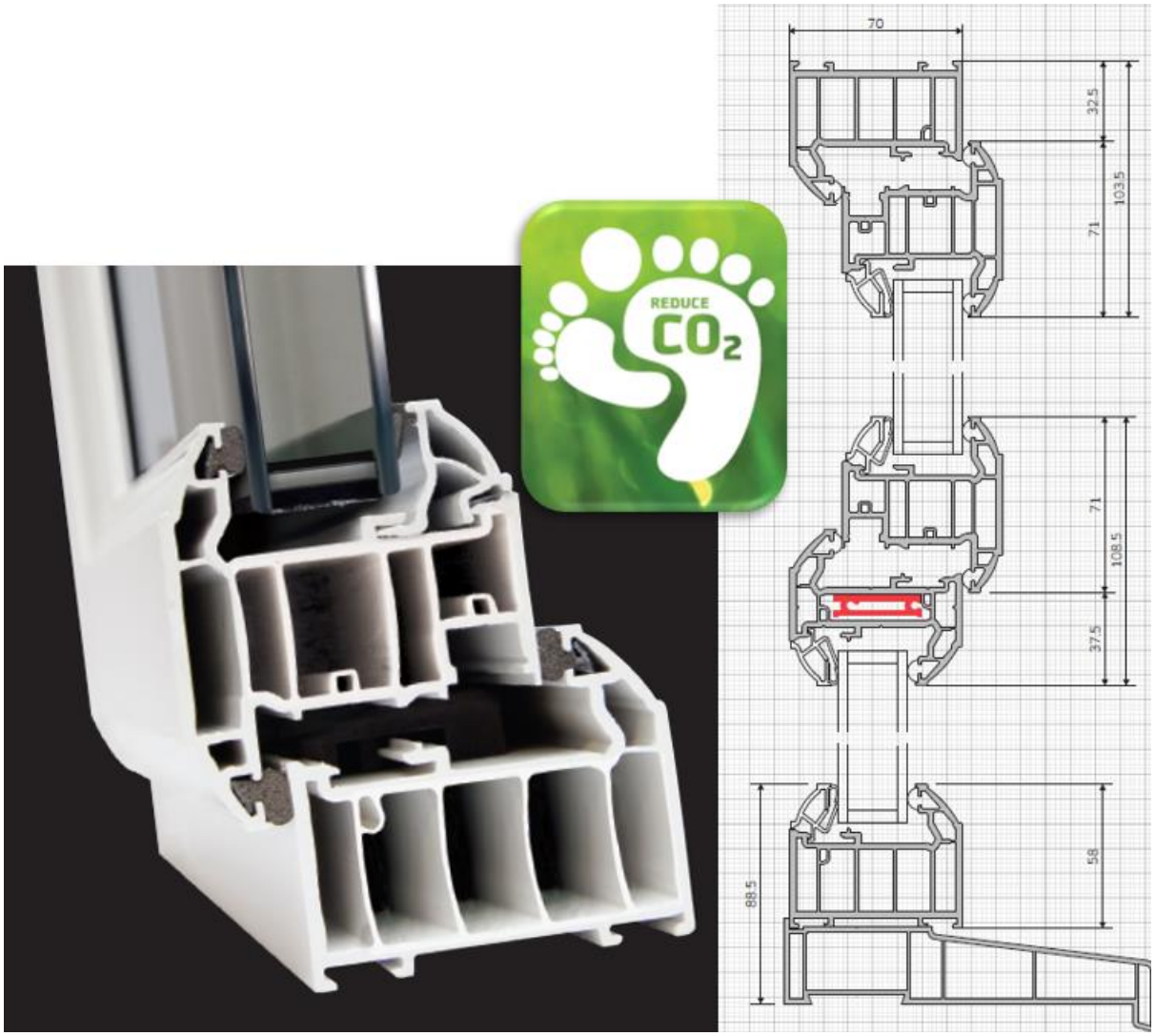
By encouraging environmentally responsible business practices, we can make a difference together.

STANDARD CASEMENT WINDOW KEY BENEFITS

Providing the occupants with a more sustainable home, improved quality of life, and safer environment to live through protecting the fabric of the home and minimising waste and pollution.

- A+ Thermal Performance
- Conservation of Fuel & Power
- Reduces wasted home energy usage by up to 30%
- Advanced Security – Yale Blade Lock
- Absorption of Noise Pollution
- Increased acoustic insulation
- Removing damp and up to 80% condensation
- Preventing respiratory problems
- Fully welded framework

See scaled plans accompanying this application for specific associated details.



SLIDING SASH VERTICAL SLIDER KEY BENEFITS

Providing the occupants with a more sustainable home, improved quality of life, and safer environment to live through protecting the fabric of the home and minimising waste and pollution.

- A+ Thermal Performance
- Conservation of Fuel & Power
- Reduces wasted home energy usage by
- Advanced Security – Yale Blade Lock
- Absorption of Noise Pollution
- Increased acoustic insulation
- Removing damp and up to 80% condensation
- Preventing respiratory problems
- Slide & Tilt, Easy Clean technology

See scaled plans accompanying this application for specific associated details.

COMPOSITE DOOR KEY FEATURES

Securing the occupants with a more sustainable home, improved quality of life, and safer environment to live through protecting the fabric of the home and minimising waste and pollution.

- A+ Thermal Performance
- Safe & Secure
- Kerb Side Appeal
- A+ Thermal Performance
- Conservation of Fuel & Power
- Reduces wasted home energy usage by
- Advanced Security – Yale Blade Lock
- Absorption of Noise Pollution
- Increased acoustic insulation
- Removing damp and up to 80% condensation
- Preventing respiratory problems

See scaled plans accompanying this application for specific associated details.

SOME OF OUR ACCREDITATIONS

Conclusion

To summarise the contents of this application, this property would benefit from switching out their timber-framed windows and doors to PVCu. The proposed works will conserve energy within the home, as well as increase soundproofing and aesthetics. The proposal is in keeping with the National Planning Policy Framework (NPPF) and does not negatively impact the street scene or surrounding area but positively enhances the aesthetic and appearance on the street.

FIRST