

Heritage and Stewardship

Design Principles
Claire Pudney – Head of Heritage and Stewardship

Letchworth Garden City

Heritage Foundation

www.letchworth.com





First Garden City Ltd began construction in 1903. The company appointed architects Barry Parker and Raymond Unwin to design the masterplan for the new community. Central to the Company's ethos was a commitment to repatriate all profits back into the Estate.



Heritage and Stewardship



Heritage and Stewardship-Leasehold Reform Act 1967



Scheme of Management

Managed by Letchworth Garden City Heritage Foundation

An Industrial and Provident Society, with charitable status, registered number 28211R (formerly Letchworth Garden City Corporation).

Foundation House, Icknield Way, Letchworth Garden City, SG6 1GD

Object 2 -

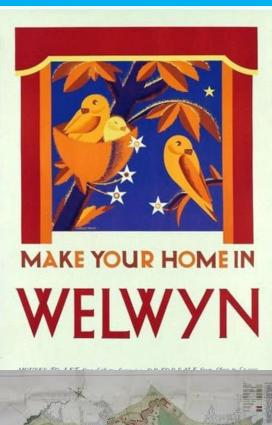
The object of the Scheme is to ensure for the benefit of tenants of houses buildings and land on the Estate (whether tenants holding under long tenancies at low rents within the meaning of the Act or not) and of freeholders of such houses buildings and land that the Estate and the standards of appearance and amenity (whether existing or in future) on the Estate shall be preserved and not deteriorate by reason of any tenant of a house in the Scheme area acquiring the freehold of the house either under the enfranchisement provisions of the Act or otherwise

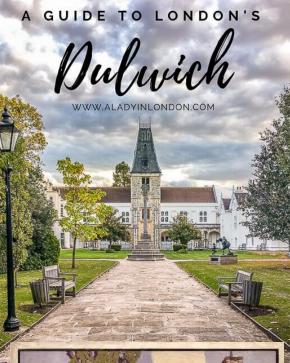
Clause 6 – Restriction on future development

Any owner shall not carry out any development redevelopment or alteration materially affecting external appearance of the enfranchised property or of any building or structure thereon save with the written consent of the Corporation (which shall not be unreasonably withheld) and in accordance with plans drawings and specifications previously submitted to and approved by the Corporation. Any such development redevelopment or alteration shall be made in accordance with the approved plans drawings and specifications and shall be carried out in a good substantial and workmanlike manner with sound and proper materials.

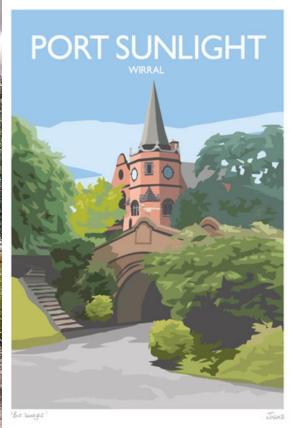
Heritage and Stewardship - Section 19 Towns











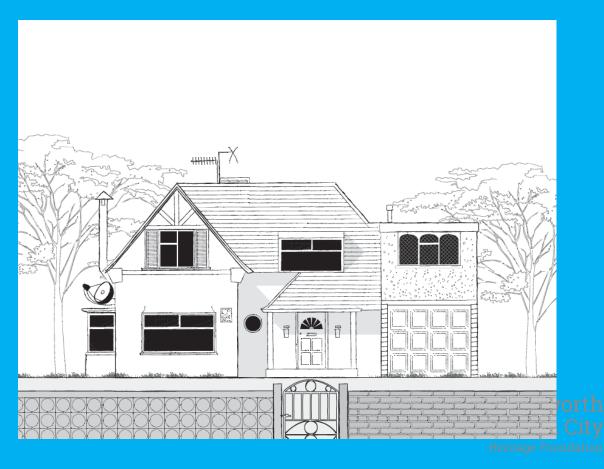


Heritage and Stewardship

Original Letchworth House

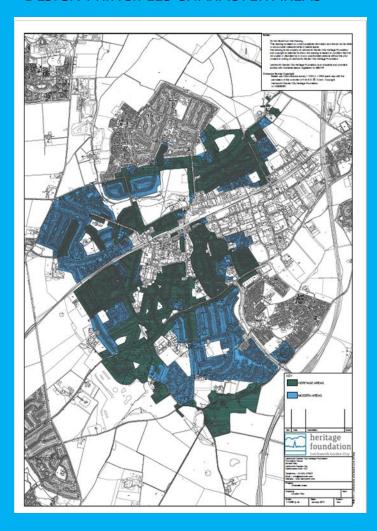


Cumulative impact of minor changes

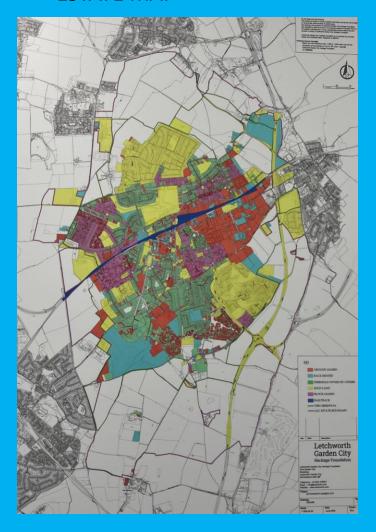


Heritage and Stewardship

DESIGN PRINCIPLES CHARACTER AREAS



ESTATE MAP





Heritage and Stewardship - Heritage Character Area













Heritage and Stewardship – Homes of Special Interest













Heritage and Stewardship – Modern Character Area



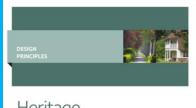








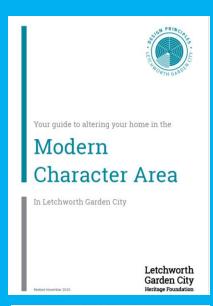
Heritage and Stewardship



Heritage Character Area in Letchworth Garden City

Letchworth Garden City Heritage Foundatio











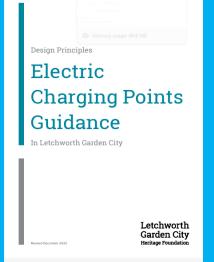


Looking after your Heritage Character home

In Letchworth Garden City

Letchworth Garden City

Design Principles Photovoltaic Panels Guidance In Letchworth Garden City Letchworth **Garden City**





Annex Design Guidance

In Letchworth Garden City

Letchworth **Garden City** Air Source

Design Principles

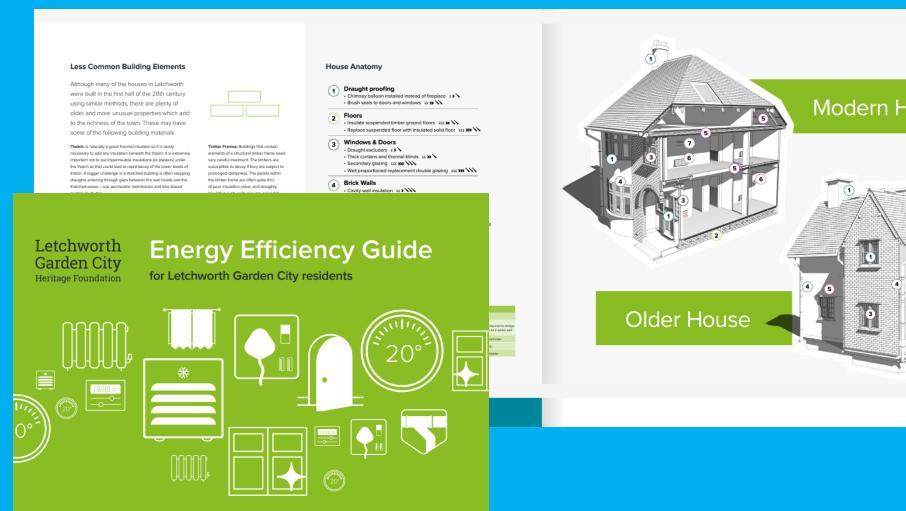
Heat Pumps Guidance

In Letchworth Garden City

Letchworth Garden City

Heritage and Stewardship Design Principles

Think before you print.





Heritage and Stewardship - Maintenance



Looking after your Heritage Character home

In Letchworth Garden City

Revised October 2020

Heritage Foundation

Letchworth Garden City

Roofs

Slipped tiles

Bulging or dips to ridge line

Advice & Requirements:

either gabled or flat roofs.

What to look for

Roofs (as above)



- Some movement and changes to the roof structure are tolerable but If in doubt seek specialist professional advice

Dormers are a traditional architectural feature of the Garden City with

Dormers are very important architectural features and any work to

 Lead flashings at junctions with the roof plane Cheeks (dormer sides) for wear and tear

them will require Landlord's Consent.







Timber fascias need to be monitored for water damage and flaking

Decorative bargeboards should be maintained and repaired as these add to the character of the Garden City







interest to the building

External Walls

Inspired by the Arts & Crafts Movement returning to traditional materials, render finishes are mainly roughcast. It is advisable to check the constituents of the render as some may still be of lime.

- Hairline cracks

Advice & Requirements:

Re-rendering will require Landlord's Consent, however patch repair may not. Please do contact our team for advice

Pebbledash can also be seen around the Garden City. Originally

- The debate about retaining unpainted pebbledash is fuelled by the difficulties in matching it when areas are repaired such as when windows are replaced
- The Heritage Foundation would like to see any original unpainted nobblodash to romain

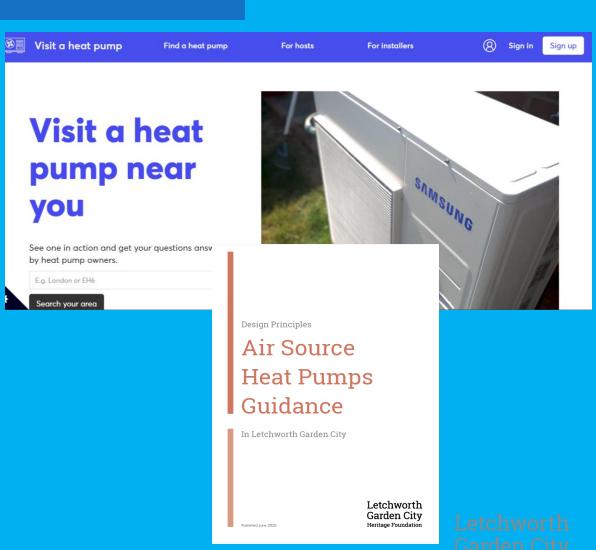




Heritage and Stewardship Air Source Heat Pumps

Air Source Heat Pumps





Heritage and Stewardship- Frontages

Hardstandings

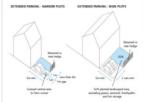
The design of the early Garden City recognised that the needs of



26/

Hardstandings continued

The materials used should be carefully considered.



27/

Hardstandings

City rely on mature street trees, green verges and in particular green front gardens. However, with modern t envisaged by the original designers. The tension

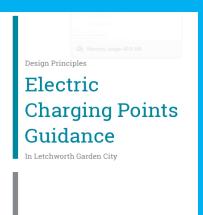
- The retention of a minimum of 50% soft planted landscaping in front gardens helps to maintain the green character of the Garden City and allows for natural water absorption through the soil
- Good design is crucial when planning hardstandings. There are many innovative and creative solutions which achieve the 50% of the frontage as
- least 50% of the original frontage area shall normall be maintained as soft landscaping, free of car parking, footpaths, bases for bin storage etc
- For smaller plots does than 6 metros water the 50% an acceptable option when there is:
- Limiting hard landscaping to two 1 metre wide
- For frontages exceeding 100 square metres, the square metres (excluding an access dineway no wider than 3 metres)

- and dropped kerb is usually required. Works will

Character Area have no capacity for on-site parking. the time of adding an extension, but consideration needs







Letchworth

Garden City



Heritage and Stewardship PV Panels

Photovoltaic Solar Panels Heritage Character Area (HCA)

Letchworth Garden City Heritage Foundation is supportive of Letchworth residents' wishes to install renewable technologies in order to power their homes. To ensure the continued maintenance of the Garden City's character, we have issued the following guidance.

Your application is more likely to be approved if you follow the guidelines.

The installation of Photovoltaic (PV) panels is usually acceptable providing that they adhere to the following guidelines:

Acceptable Installation in the HCA

- Panels should be positioned on rear roof pitches, on rear outbuildings, or as a ground array in back gardens
- The design of the array must be balanced and symmetrical; rectangular and straight-lined installations will be required



The above represents good installation in the HCA. It is located on the rear roof pitch with a balanced, rectangular design,



Installations placed on outbuildings, like this, represent viable alternatives to an unsuitable rear roof pitch in the HCA. As with main roof arrays, balanced design is key.

Panels may not be appropriate for Homes of Special interest. Contact a member of the team to discuss options for the property at: home@letchworth.com

When considering a rear extension or a new rear outbuilding, PV panels could be factored into the design.

If your proposal does not fit within the criteria stated below, please contact the Heritage Advice Service on: 01462 530335 or home@letchworth.com

Unacceptable Installation in the HCA

- Panels should not be located on any street facing roof pitches
- Panels should not overhang the roof slope



The Foundation discourages L-shaped installations such as the example above.



This (above) installation is also unacceptable in the HCA.

Though the array is proportioned and rectangular, it is
located on the street-facing roof pitch.





Photovoltaic Solar Panels Modern Character Area (MCA)

Letchworth Garden City Heritage Foundation is supportive of Letchworth residents' wishes to Install renewable technologies in order to power their homes. To ensure the continued maintenance of the Garden City's character, we have issued the following guidance.

Please note that rear slopes or rear outbuildings would be the preferred locations for a PV installation before side/front facing roof pitches are considered.

The installation of Photovoltaic (PV) Panels is usually acceptable on any roof pitch in the modern character area, providing that:

Acceptable Installation in the MCA

The design of the array is tidy and balanced with rectangles and/or straight lines

The colour/design fits subtly into the site of installation and is as complementary to the street scene as possible



Providing that the installation is balanced (rectangular or straight-lined), it is permissible to introduce PV panels to both the rear and street-facing roof pitches (see above).



The Installation directly above represents an acceptable PV installation on a rear outbuilding.

Your application is more likely to be approved if you follow the guidelines.

If your proposal does not fit within the criteria stated below, please contact the Heritage Advice Service on: 01462 530335 or home@letchworth.com

Unacceptable Installation in the MCA

The panels do not overhang the roof line on any roof pitch

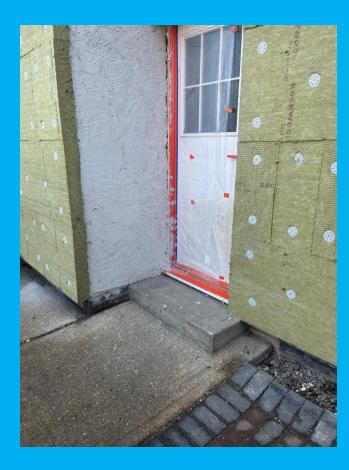


This array would not be acceptable in the MCA. Although installation is permitted on the front, street-dacing roof pitch, the design itself is poor. The panels are disconnected, facing different directions, and unbalanced.



The Foundation discourages L-shaped installations such as the example above.

Heritage and Stewardship External Wall Insulation





External wall insulation

Many Heritage Character Area homes do not have cavity walls. Insulation can sometimes be applied to the internal or external faces of the external walls of the house, to reduce heat loss and make homes more efficient.

External wall cladding can also have a negative impact on the appearance and character of a historic building.

Heritage Character Area hornes are often characterised by detailing, for example string courses, window head and cill detailing, cornicing and decorative plaques. Applying wall insulation externally can cover up these important features or alter reveals and the relationship of the roof with the house. Therefore, present systems are normally damaging to the character of the property and its context.

Even the appearance of a relatively plain house can be affected by deeper window Therefore, external cladding of Heritage Character Area homes will only be supported when:

- the detailing and features of the property, including the brick and render finish, string courses, window and door reveals, are maintained or carefully recreated;
- the house is detached;
- all of the properties in a pair of semi-detached, terrace or group, collectively and simultaneously implement the works.

External features - Wall insulation, guttering & pipes & balconies.

External wall insulation

External wall cladding can also have a negative impact on the appearance and character of a building.

Applying wall insulation externally can cover up important features and detailing, for example; string courses, window head and sill detailing, cornicing and decorative plaques.

Even the appearance of a relatively plain house can be affected by deeper window and door reveals. Current external wall cladding systems are approximately 50mm thick when applied to a single house in a pair of semi-detached, a terrace or a group, the effect can be detrimental to the appearance and cohesion of the group.

External wall cladding can also have a negative impact on the appearance and character of a building and will normally be resisted.

Many modern Character Area homes have cavity walls and insulating the cavity is the best option to improve insulation.

Guttering and pipes

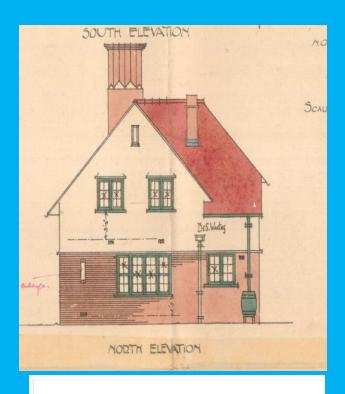
- Careful positioning of replacement guttering, soil, vent and downpipes and the use of the original colour, can help to minimise the impact on the street scene
- New soil pipes to the front elevations shall normally
 he avoided.

Balconies

Balconies may be acceptable but can upset the balance and scale of buildings and therefore the design shall be carefully considered

- The design would need to reflect the size and design of the existing house
- All balconies shall generally be located at the rear of the building
- · 'Juliet' balconies are generally acceptable
- Full balconies which create an amenity leisure space at a first-floor level or higher may be acceptable, but regard to the privacy of the neighbours will be a major consideration

Heritage and Stewardship – Rain water harvesting





Rainwater harvesting & grey water recycling

Re-using rainwater and recycling grey water can make a positive contribution to sustainable living, embraced by Letchworth Garden City pioneers.

Finding a balance between sustainability and aesthetics can be challenging. Underground tanks can create ideal water storage conditions while the location of bulky water containers needs careful consideration. There are, however, sympathetic water butts available, which have less of an impact.

- Design shall complement the overall character of the building
- Size of the storage area shall not dominate the existing house

Rainwater harvesting and grey water recycling

The re-use of rainwater and recycling grey water can be a positive contributor to sustainable living.

Finding a balance between sustainability and aesthetics can be challenging. Underground tanks can create ideal water storage conditions, whilst the location of bulky water containers needs careful consideration.

- Design should complement the overall character of the building.
- The storage area should not dominate the existing house.
- Water butts must be in an inconspicuous position, preferably to the rear of the property and out of view from the street.

HOMES OF SPECIAL INTEREST — PLEASE NOTE
Should your house be included in the list of special interest homes on page 38, please contact the Hentrage Advice Service for guidance in making sympothetic alterations.

Guttering, pipes and hopper heads

The simple, functional and unadorned façades of early Letchworth buildings are significant for the character of the street scene of the Garden City.

- Guttering, soil and vent pipes and downpipes in contrasting colours to the body of the house were often an integral part of the original design. The retention of this characteristic is important to the integrity and value of indevidual properties, groups of houses and neighbourhoods.
- Careful positioning of replacement guttering, soil, vent and downpipes and the use of the original colour, can help to minimise the impact on the street scene.
- Unless replacing existing, new soil and downpipes to the front elevations should normally be avoided.
- Original hopper heads should be retained where possible.
- Replacement cast iron guttering and downpipes will usually be required, although UPVC cast iron replicas may also be acceptable.

HOMES OF SPECIAL INTEREST — PLEASE NOTE
Should your house be included in the list of special interest homes on page 38, please contact the learning address service for guidance in making sympathetic afteractions.



Community Energy Fund



Department for Energy Security & Net Zero



Greater South East **Net Zero Hub**







Heritage and Stewardship – First Garden City Retrofitting Reimagined

Healthy, Comfortable and Affordable - Home improvements in Letchworth Garden City

30 June 2025

Home / New

On a cold Tuesday in February, 23 people met at the Garden City Brewery with the promise of snacks from Vutie Beets and information about home energy saving from People Powered Retroft.

A recording of the session and Q&A can be watched below. Slides can be downloaded here:

Download the session slides

Session Recording



Q&A





Heritage and Stewardship – First Garden City Retrofitting Reimagined

PEOPLE POWERED RETROFIT



Home Retrofit Scenarios

Prepared for

Letchworth Garden City Heritage Foundation

Address

169 Pixmore Way Letchworth Garden City SG6 1OT

Local Authority Area North Hertfordshire

Assessment visit 21/02/2025 Report by Marianne Heaslip

Issued 04/04/2025 37

Retrofit Suggestions

Scenario 1: Basics

- Estimated net budget cost of this scenario £15400 + VAT and on costs
- Estimated net budget cost of all works to this point where scenarios are additive: £15400 + VAT and on costs

Where scenarios are additive, especially for works that might be phased over a number of years, we may suggest items in one scenario that are then replaced in a future scenario. This is likely to apply to ventilation systems in particular - where a simpler and cheaper option is installed to address immediate air quality concerns, but this is then replaced as part of deeper or more extensive works in future. It may also apply to smaller fabric elements that protect the building fabric or your health. In these cases the costs of both are included in the total for all scenarios. This is because where works are phased we don't know how much time might be taken between phases of work, good ventilation and building physics is important throughout the whole process to protect your health and wellbeing. With careful planning you can bring forward the more advanced works, if you know you will be doing more extensive work in future and can plan works to fit. In this case you can omit the cost of the 'temporary' works from your project budget planning.

ID	Name	Label/location	Performance	Benefits (in order)	Cost	Completed By	Disruption
			target				
1.1	Insulation to solid wall to unheated space (constrained)	To rear entrance and stairs - unheated space	0.7 W/m²·K	comfort, fuel bills	£550	DIY or general contractor	medium/ high
1.2	Loft insulation (Bregs)	Main loft	0.16 W/m²-K	Comfort, fuel bills, carbon emissions	£1900	DIY or General Contractor	minimal
1.3	Pitched Roof Insulation (constrained)	Skeiling	0.35 W/m²·K	Comfort, fuel bills, weather proofing, carbon emissions	£1650	Roofing Contractor/ General Contractor/ DIY	high/ medium
1.4	New insulated loft hatch.	First Floor Landing	0.7 W/m²·K	comfort, fuel bills, fabric protection	£600	DIY/ General Contractor	minimal

Heritage and Stewardship – First Garden City Retrofitting Reimagined

https://letchworth-retrofit-house.co.uk/

Home / Your Home

Discover the Letchworth Interactive Retrofit House... Letchworth Interactive Retrofit House

The aim of the Letchworth Interactive Retrofit House websit homeowners and landlords in Letchworth with guidance on measures.

This website has been developed by the <u>Alliance for Sustainable Bui</u> for <u>Letchworth Garden City Heritage Foundation</u> (LGCHF) with supp <u>Powered Retrofit</u>, and thanks to funding from <u>Greater South East Note Energy Fund.</u>

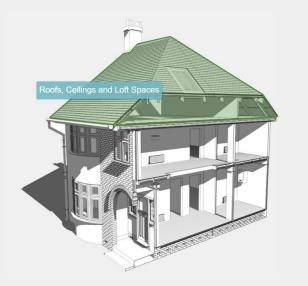
Launch the Interactive Retrofit House

← Go back: FAQs

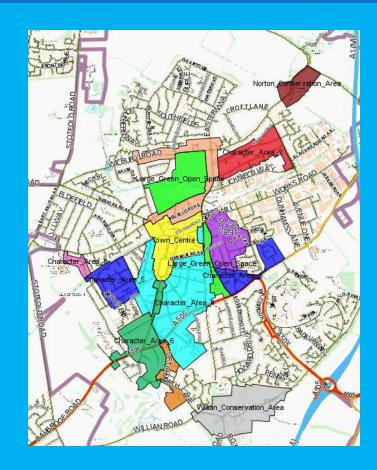
Interactive House

Click an area of the house to see guidance

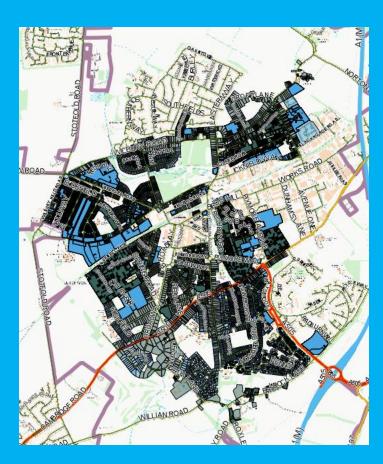
Or <u>click here</u> to see a full directory of retrof measures for all areas of the house.



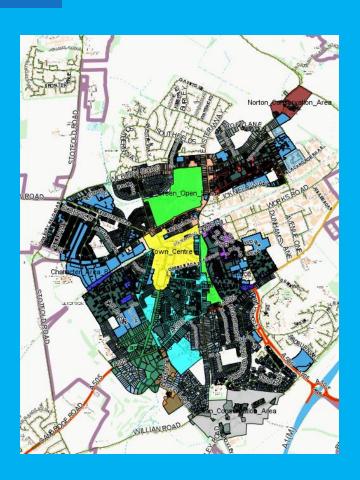
1. NHC Conservation Areas should replace the Heritage Area



Conservation Areas in Letchworth – not including Croft Lane



Heritage Character Area (Green) Modern Character Area (Blue)



Combined



2. Heritage Assets are Listed Buildings or Locally Listed Buildings







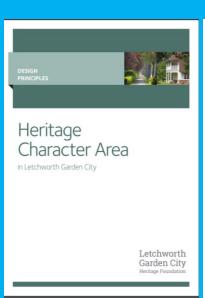




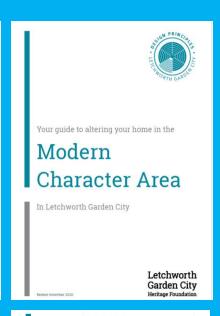


Selection of Homes of Special Interest

3. Return to One Design Principles document











4/

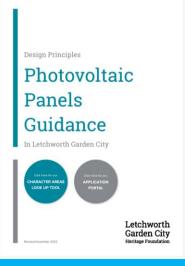


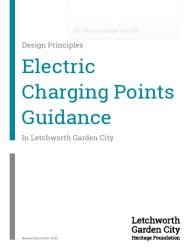
Looking after your Heritage Character home

In Letchworth Garden City

Letchwo Garden (

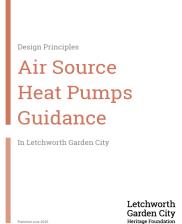
Letchworth Garden City Heritage Foundation







Letchworth Garden City Heritage Foundation



Letchworth Garden City

4. Remove requirement discouraging external insulation









5. Ease restrictions on solar panels, encourage microgeneration







Thanks, any questions

Contact the team on home@letchworth.com

Letchworth Garden City Heritage Foundation

www.letchworth.com