

Our Team

Jonathan Locke

Taylor Wimpey

Alan Baxter

Tessa Outram

Taylor Wimpey

Hannah Shaw

Trenton Williams

Stantec

Natalia Trossero

Stantec

Julian Seymour

Cratus

Will Lusty

Savills

Charlie Murphy

Cratus

Why we are here

Taylor Wimpey is preparing and developing the next layer of detail to create a Village Masterplan and Design Code, which build upon the outline planning parameters established by the resolution to grant in March 2023.

We are seeking your views to inform the proposals prior to submission of the Masterplan.

On this webinar you will be able to:

- Hear about the emerging plans
- Ask questions to the design team
- Find out about next steps

How this session will work

- 1. One hour session
- 2. Opportunities for Q&A
- 3. Online consultation document
- 4. Session recording online

Wider consultation

- 1. In person consultation events
- 2. Webinar
- 3. Website
- 4. Pop-up events
- 5. Stakeholder meetings
- 6. Your feedback

Initial Village 7
Public
Consultation
events (Jul 2017,
Jun 2018)

Village 7 Outline Planning Consultation (Mar 2019-Mar 2022)

Village 7
Masterplan –
Stage 1
Consultation
(Ongoing)

Stakeholder meetings and workshops Oct 2018-May 2019 Resolution to Grant Outline Planning Permission Mar 2023 Village 7
Masterplan –
Stage 2
Consultation
Winter 2023/24

Village 7 Consultation History

Agenda

- 1. About Taylor Wimpey
- 2. Site Background and Consultation History
- 3. Vision for Village 7
- 4. The Site
- **5. Options Testing**
- 6. Next Steps
- 7. Questions





About Taylor Wimpey

Taylor Wimpey North Thames, is part of Taylor Wimpey PLC and is 1 of 24 regional businesses across the UK.

A focus on the environment, sustainability and quality:

- We place the environment at the heart of our new schemes.
- We embrace new low carbon technologies and find innovative solutions to deliver at scale (net zero business by 2045).
- We work with local people, businesses and local authorities to deliver sustainable communities.
- We pride ourselves on the quality of our new homes.
- We aspire to highest levels of customer satisfaction.















Building a Better World

Climate change

Defend the planet and our future by playing our part in the global fight to stop climate change.

Key target

Achieve our science-based carbon reduction target:

- Reduce operational carbon emissions intensity by 36% by 2025.
- Reduce carbon emissions intensity from our supply chain and customer homes by 24% by 2030.

Key metric

 Greenhouse gas emissions per 100sqm completed homes (scope 1, 2 and 3)
 Tonnes CO.e/100m².

Nature

mprove access to and enable enjoyment of lature for customers and communities by egenerating the natural environment on our level company.

Key target

Increase natural habitats by 10% on new sites from 2023 and include our priority wildlife

Key metrics

- Percentage increase in natural habitats
 new sites
- Percentage of new sites with our priority wild enhancements and number of enhancements implemented.

Resources and waste

Protect the environment and improve efficiency for our business and our customers by using fewer and more sustainable resources.

Key target

Cut our waste intensity by 15% by 2025 and use more recycled materials. By 2022, publish a towards zero waste strategy for our sites.

Key metric

Tonnes of construction waste per 100m³ build



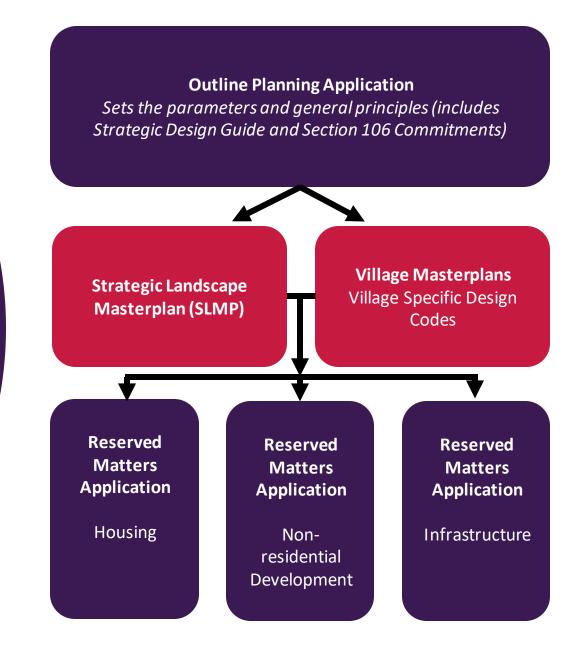
Planning Context

Strategic Infrastructure

- CSC and ESC Crossings to deliver sustainable travel.
- Significant other sustainable infrastructure (a real opportunity for sustainable growth).

Outline Planning Application (all matters reserved)

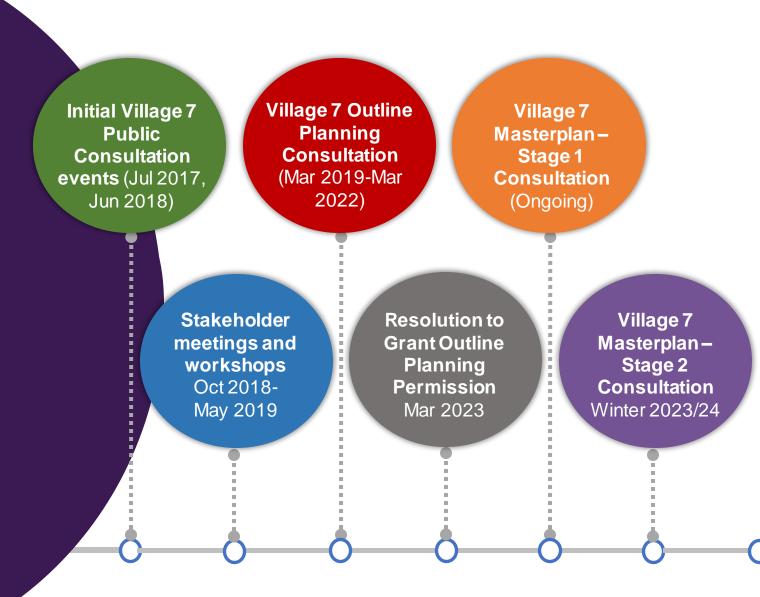
- Submitted October 2019.
- Planning Committee Resolution to Grant – 23rd March 2023
- Decision to be issued (pending S106 drafting being completed)



How did we get here?

There has already been extensive consultation on Gilston Village 7. This began with the first public consultation event in July 2017.

Since then, there have been public consultation events, stakeholder group meetings, and individual stakeholder meetings. In March 2023, East Herts District Council passed a resolution to grant outline planning permission.



Village 7 Consultation History

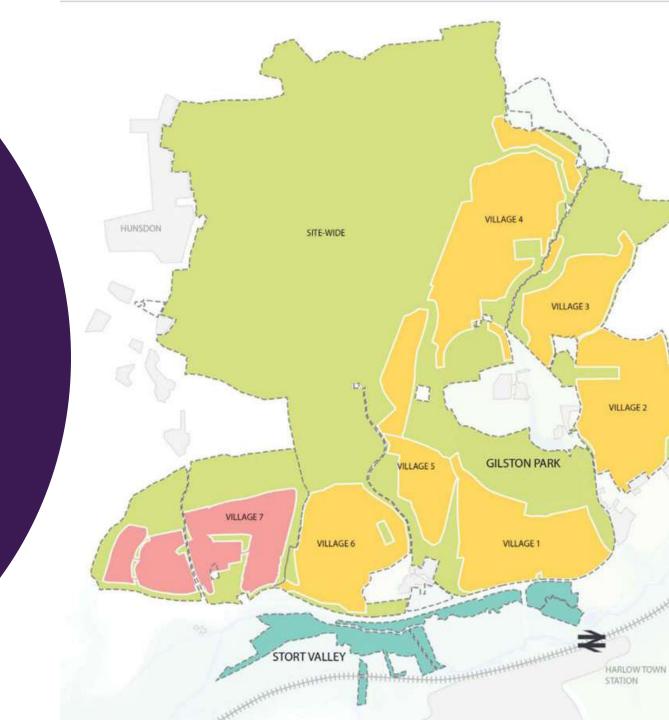
The Gilston Area

The Gilston Area is part of the emerging Harlow and Gilston Garden Town (HGGT) designation. It was allocated through the East Herts Local Plan in October 2018 to provide a total of 10,000 new homes, including 3,000 by 2033.

The HGGT Vision Document (2018) describes that:

"Harlow and Gilston will be a joyful place to live with sociable streets and green spaces [...it will have a...] local centre accessible by walking and cycling; and innovative, affordable public transport. It will set the agenda for sustainable living."

It will be: Adaptable, Sustainable, Healthy and Innovative.



Strategic Landscape Masterplan

The wider landscape for Gilston Area, located outside and in-between villages, makes up an area that will be designed and delivered via the Strategic Landscape Masterplan (SLMP).

The SLMP is subject to its own engagement process, that is being progressed jointly by Taylor Wimpey and Places for People ahead of the village masterplans.



Our Vision for Village 7

Village 7

"Our vision is to create an environmentally responsible, sustainable, innovative and distinctive new community where people want to live."

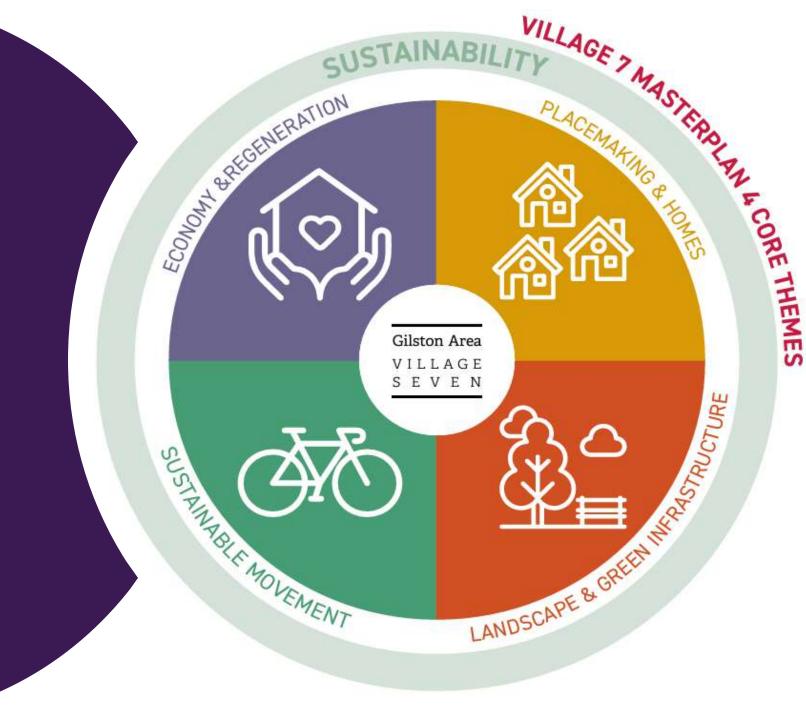
Village 7 will...

- ...be set in an attractive landscape which respects environmental and heritage assets.
- ...seek opportunities for energy sustainability and the enhancement of ecological habitats.
- ...encourage a shift towards sustainable travel.
- ...establish a community orientated stewardship model.
- ...provide high quality, aspirational, sustainable homes to meet community needs.
- ...integrate with and add value to existing communities and infrastructure.
- ...provide direct and indirect new jobs and employment opportunities.



Gilston Area Healthy Growth Principles

- Economy and Regeneration
- Placemaking and Homes
- Sustainable Movement
- Landscape and Green Infrastructure



What Village 7 Delivers

- 1,500 new homes including affordable housing.
- Local Village Centre comprised of 11,510 sqm non-residential floorspace.
- **Commercial Floorspace** comprised of 5,100 sqm floorspace within the Village Centre.
- Primary School (3FE) and an Independent Nursery.
- **Significant Open Space** (up to 47.45 hectares) including playgrounds and play spaces (LAPs, LEAPs, NEAPs) and allotments.
- Significant Biodiversity Enhancements including well beyond emerging Biodiversity Net Gain requirement: 30% Biodiversity Net Gain for Habitats and 19.54% for Hedgerows.
- Outdoor Sports and Recreational Facilities (15.56 hectares), comprising a community park, Football Hub and Village Playing Field.
- **Sustainable Transport Corridor** and supporting infrastructure.





Site Appraisal

- Landscape and Visual Impact
- Arboriculture
- Water Resources and Flood Risk
- Ground Conditions
- Services and Utilities
- Transport
- Lighting
- Energy and Sustainability
- Air Quality Assessment
- Noise and Vibration
- Built Heritage & Archaeology



Site Appraisal – Heritage

Village 7 will be respectful of existing heritage assets around the area. For example, the listed Brickhouse Barns heritage asset located within the site boundary will be at the heart of the placemaking strategy.

This will ensure it brings distinctiveness and a sense of identity and character to the future community, thus securing its enhancement and conservation.

How could the existing barns help create an identity for Village 7?

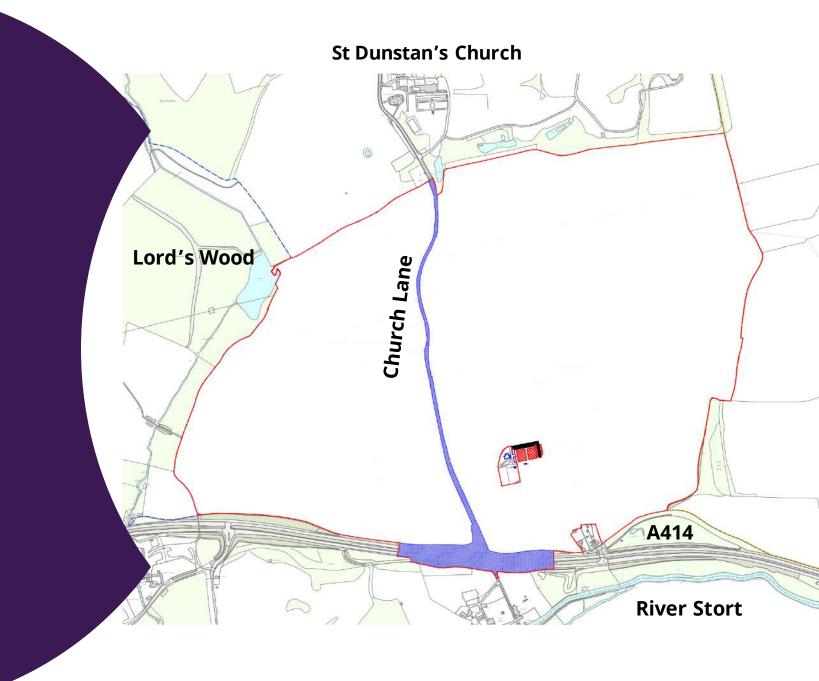


Summary of parameter plans

- Site Location
- Buffers & Development Zones
- Green Infrastructure and Open Space
- Land Use
- Building Heights



Site Location



Buffers & Development Zones

Key — Application Site Boundary --- V7 Developable Area Minimum Village Buffer Woodlands Sensitive Development Area (see Development Minimum 20m Buffer to Existing Ancient Woodland Minimum 10m Buffer Either Side of Existing Woodlands Minimum 5m Buffer Either Side of Existing Hedgerow/Tree Line/Bramble --- Existing Hedgerow/Tree Line/Bramble removed to accommodate new A414 Junction Layout and Church Lane Diversion 400 Kv Electricity Pylons 118m Easement Existing Hedgerow/Tree Line/Scrub to be Retained. (To be retained as far as possible unless there are very special circumstances that mean they cannot be as set out in the

Development Specification Statement.)

Existing Brickhouse Farm House and Stable
Range Retained in Current Use
Buildings proposed for demolition
Notable/Veteran Tree to be retained

 Existing Watercourses within Site Boundary (Minimum 3m strip either side of Existing Watercourse for maintenance access measured from top of bank on both sides - to be provided along all Ordinary Watercourses.)
 Existing Watercourses outside Site Boundary

Retained Buildings

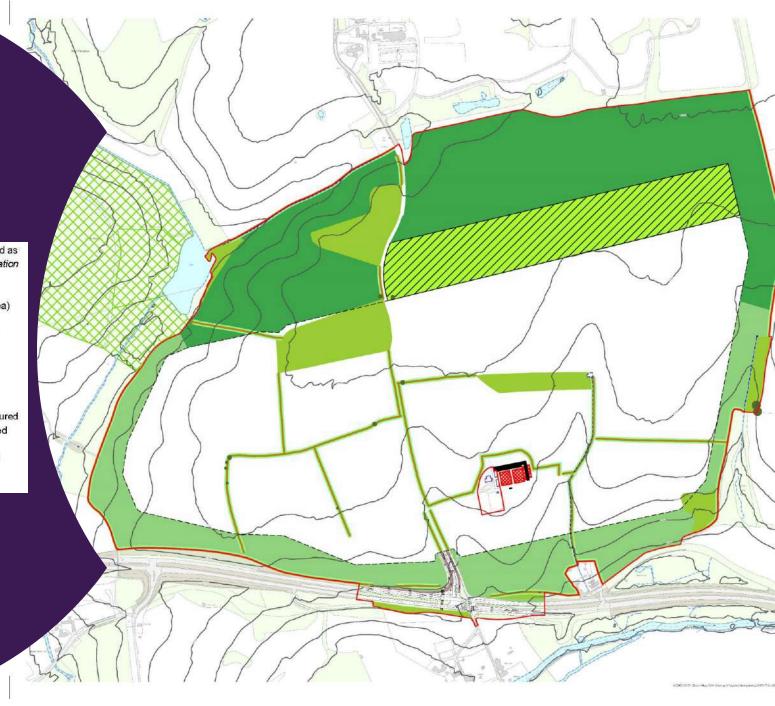


Green Infrastructure and Open Space

- Application Site Boundary
- --- V7 Developable Area
- Strategic Green Corridor
 (Including Existing and Proposed Landscaping,
 Allotments, Formal Sports Pitches contained
 within the defined Community Park and Ancillary
 - Structures Associated with Use, Provision and Maintenance)
- Natural and Semi-natural Public Open Space (Including Existing and Proposed Landscaping, Strategic SUDs Features, Acoustic Mitigation Features, Informal Children's Play, Ancillary Structures Associated with Use, Provision and Maintenance)
- Community Park as part of Strategic Green
 Corridor (Including Existing and Proposed
 Landscaping, Allotments, Formal Sports Pitches
 and Ancillary Structures Associated with Use,
 Provision and Maintenance)
- Existing Hedgerow/Tree Line/Scrub to be Retained. (To be retained as far possible unless there are very special circumstances that mean they cannot be as set out in the Development Specification.)

- Existing Woodlands to be Retained (described as "unfavourable / declining or have no conservation status", see supporting Stage 1 Ecological assessment submitted as part of the OPA)
- Ancient Woodland (outside of Application Area)

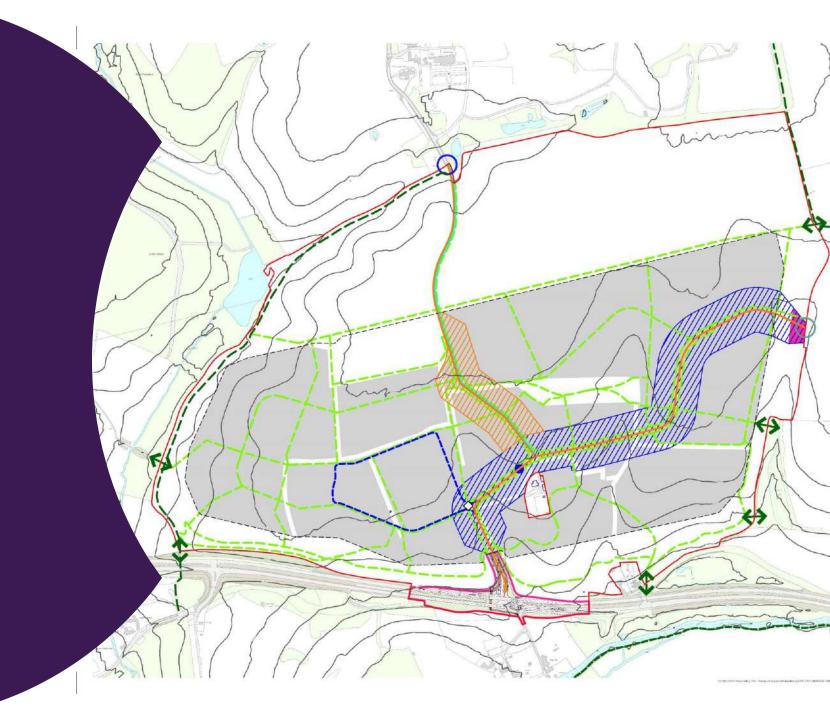
 Retained Buildings
- Existing Brickhouse Farm House and Stable Range Retained in Current Use
- Buildings proposed for demolition
- Notable/Veteran Tree to be retained
- Existing Watercourses within Site Boundary (Minimum 3m strip either side of Existing Watercourse for maintenance access - measured from top of bank on both sides - to be provided along all Ordinary Watercourses.)
- -- Existing Watercourses outside Site Boundary
- Topography Contour Lines



Vehicular Access & Movement

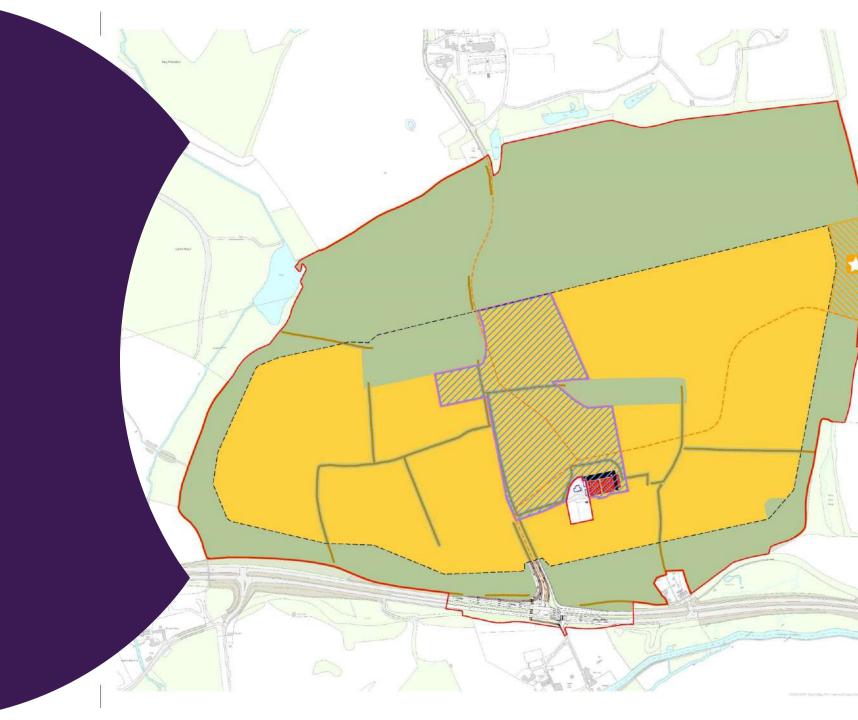
- Application Site Boundary
- --- V7 Developable Area
- Indicative Development Areas
- Improved Vehicular Primary Means of Access Point from A414 (for planning approval)
- Indicative Primary Means of Access Connection
 Zone to Village 6
- Existing Vehicular Primary Means of Access Point
- Indicative Primary Vehicular Route
- Deviation Zone for Sustainable Transport

 Corridor / Indicative Primary Vehicular Route
- Deviation Zone for Indicative Primary Vehicular Route towards Hunsdon
- Supplemental STC Bus Route (alignment indicative)
- STC Hub (location indicative)
- Bus Gate (location indicative)
- Other Bus Route (alignment indicative)
- Existing Public Rights of Way
- ← Foot/Cycle Access (location indicative)
- Indicative Primary Foot/Cycle Route
- Topography Contour Lines



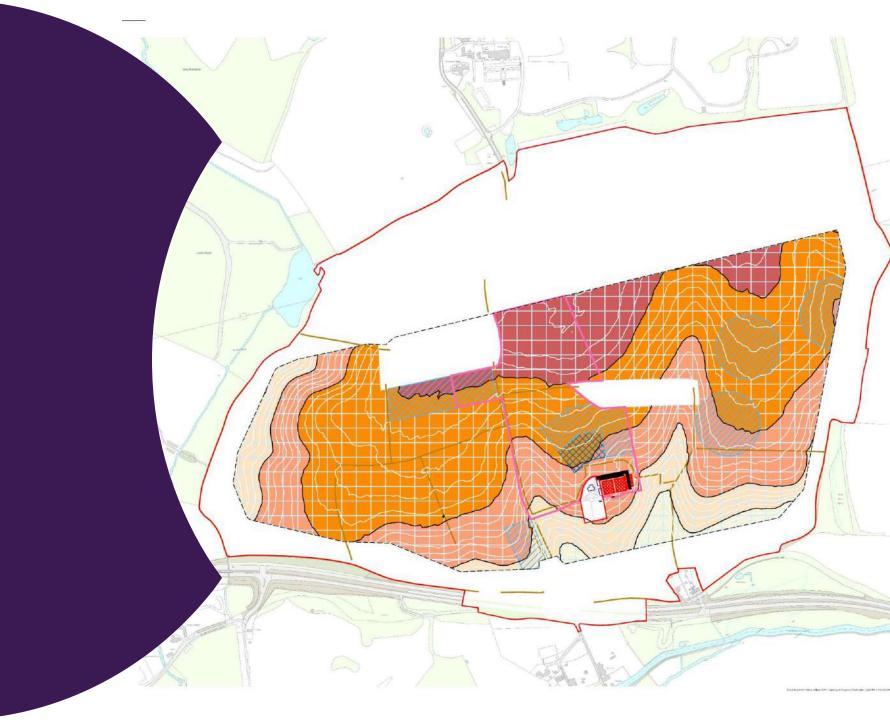
Land Use

- Application Site Boundary.
- --- V7 Developable Area.
- Indicative Village Centre Boundary.
- Residential (58.02 ha).
- Mixed Use Zone (10.15 ha)
- Primary Vehicular and Bus Route (refer to Parameter Plan 4 Vehicular Access and Movement).
- Green Infrastructure (56.20 Ha including buffers) (refer to Parameter Plan 3 Green Infrastructure and Open Space).
- Existing Hedgerow/Tree Line/Scrub to Retained.
 (To be retained as far as possible unless there are very special circumstances that mean they cannot be as set out in the Development Specification.)
- Retained Buildings.
- Existing Brickhouse Farm House and Stable Range Retained in Current Use.
- Buildings proposed for demolition.
- Area safeguarded for Gypsy & Traveller (Sui Generis) Development (subject to Needs Assessment).



Building Heights

- Application Site Boundary
- --- V7 Developable Area
 - Indicative Village Centre Boundary
- Existing Hedgerow/Tree Line/Scrub to Retained. (To be retained as far as possible unless there are very special circumstances that mean they cannot be as set out in the Development Specification.)
- Retained Buildings
- Existing Brickhouse Farm House and Stable Range Retained in Current Use
- Buildings proposed for demolition
 - +45-50m AOD
 - +50-55m AOD
 - +55-60m AOD
 - +60-65m AOD
 - +65-70m AOD
 - Development to be no taller than 13m height (3 storeys) from ground level to the top of the roof.
- Development to be no taller than 16m in height (4 storeys) from ground level to the top of the roof.
- Development to be no taller than 19m in height (5 storeys) from ground level to the top of the roof.



Gilston Area Healthy Growth Principles

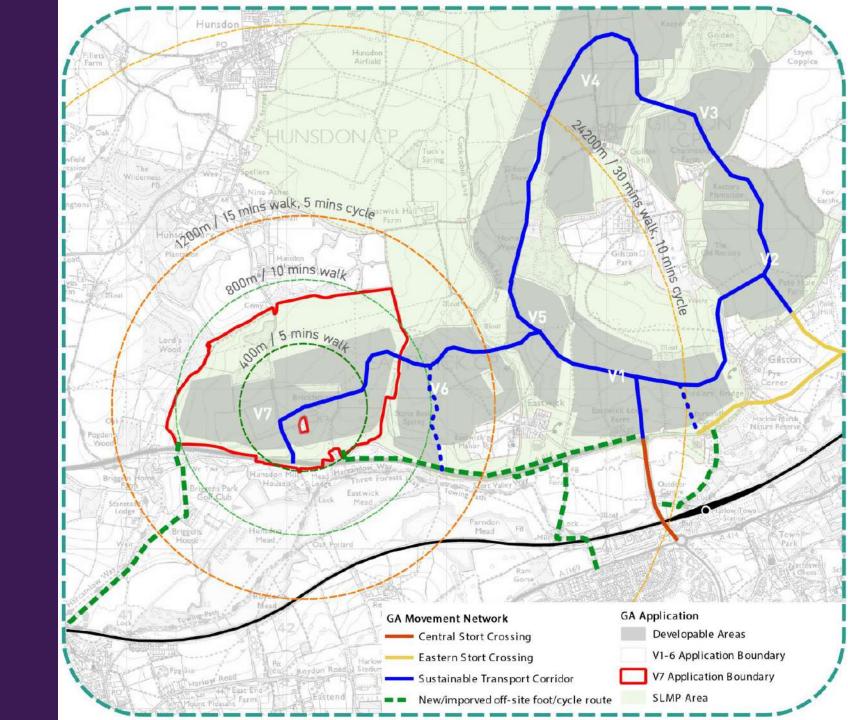
Sustainable movement



Local connections

- Roydon and Eastwick Links
- Connectivity with surrounding area

Which of these connections do you feel would be most important to embed sustainable travel?

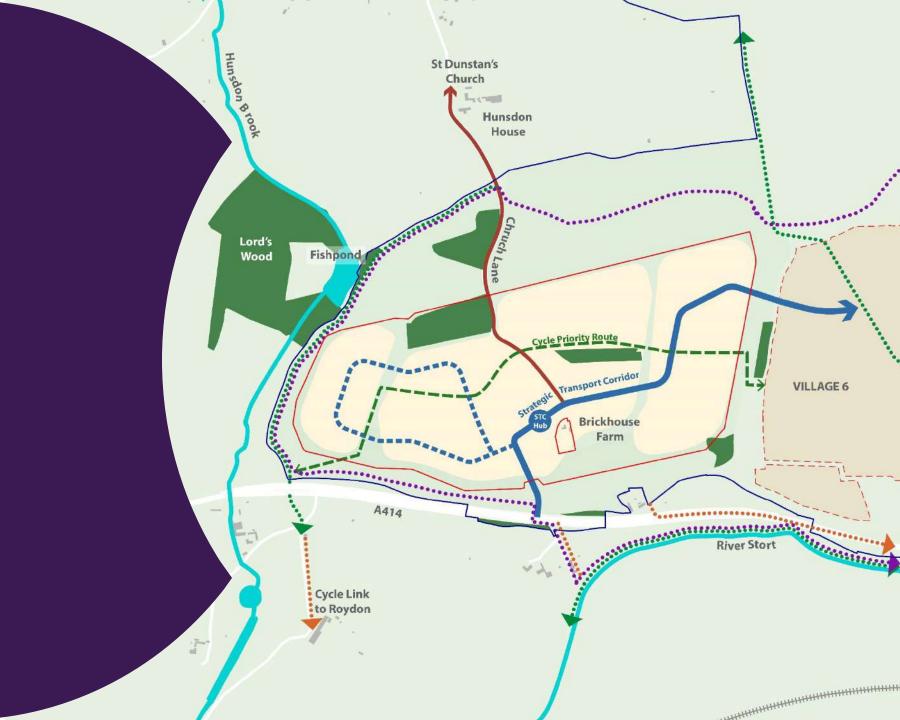


Sustainable movement



Internal movement





Sustainable movement



Mobility hub

Bringing together...

- Sustainable Transport Corridor
- Sustainable Transport Hub
- Reducing Car Travel
- New Pedestrian and Cycle Links

Which elements of the hub are most important to you?





- Fully integrated throughout the proposed development
- Will comprise of a variety of features and treatment types, including but not limited to:
- Basins
- Vegetated swales
- Bio-retention areas
- Rills
- Rain gardens
- Permeable paving
- Local rainwater harvesting techniques



Landscape led



- Respect and respond sensitively
- Retain and enhance existing woodland
- Green wedge and habitat corridors
- Create multi-functional open spaces, local play areas, trim trails, sports fields and Sustainable Urban Drainage systems
- Integrate with the SLMP

Any ideas for activities to connect people with nature?



Environment and Nature

LANDSCAPE & GREEN INFRASTRUCTURE

Significant Green Infrastructure and Open Space (63.01 ha), inclusive of:

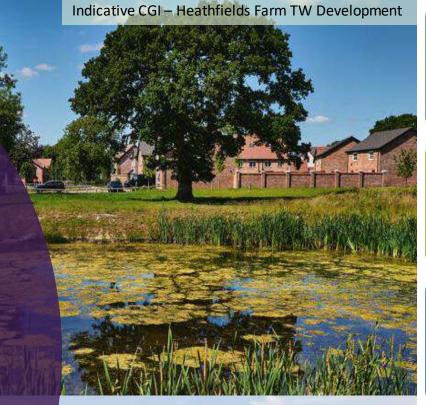
- 11.96 ha of Parks and Public Gardens / Amenity Green Space.
- 33.40 ha of Natural and Semi-Natural Green Space.
- 15.56 ha of Outdoor Sports Provision.
- 0.95 ha of Play Provision.
- 1.14 ha of Allotments and Orchards.

Strategic Green Spaces: Southern Greenway and Northern Strategic Green Corridor.

Biodiversity Net Gain: 30% Biodiversity Net Gain for Habitats and 19.54% for Hedgerows.

Ecological Enhancements:

- Hedgerow retention and enhancement.
- New Parkland including species rich grassland and meadow Woodland planting.
- New community orchards.
- Surface Water attenuation incorporating wetland features.



















Indicative CGI – Former Wisley Airfield TW Development

Biodiversity and Ecology



- Respect and respond sensitively
- Retain and enhance existing woodland
- Green wedge and habitat corridors
- Create multi-functional open spaces, local play areas, trim trails, sports fields and Sustainable Urban Drainage systems
- Integrate with the SLMP



Placemaking and homes

- PLACEMAKING & HOMES
- **Local Village Centre** comprised of 11,510 sqm non-residential floorspace.
- **Commercial Floorspace** comprised of 5,100 sqm floorspace within the Village Centre.
- Primary School (3FE) and an Independent Nursery.
- Significant Open Space (up to 47.45 hectares) including playgrounds and play spaces (LAPs, LEAPs, NEAPs) and allotments.
- Outdoor Sports and Recreational Facilities (15.56 hectares), comprising a community park, Football Hub and Village Playing Field.

What kind of local shops/ facilities would be important?



Proposed character areas

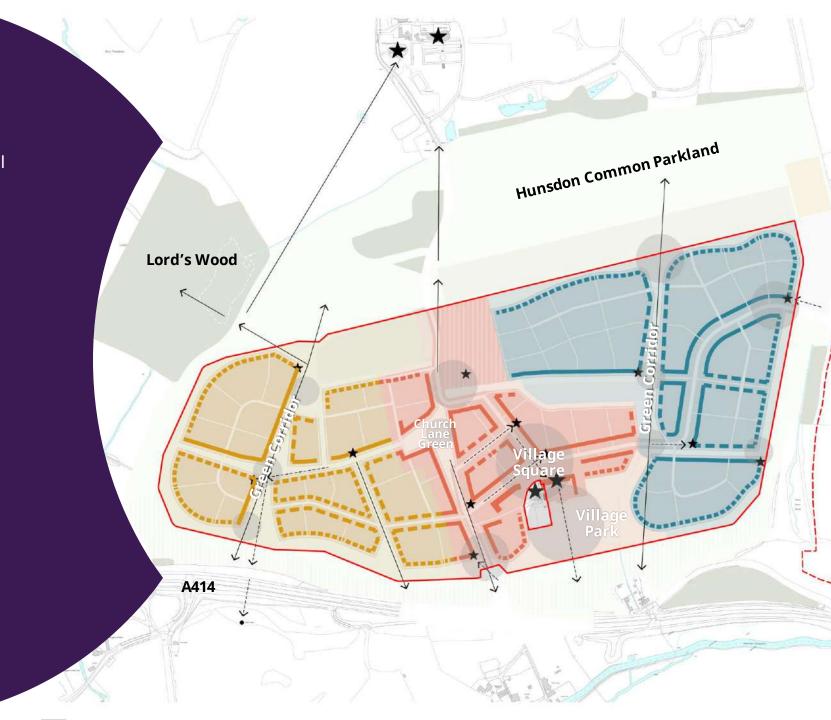
Character Areas

- Village Centre mixed uses/highest average residential density
- Eastern Area medium average residential density
- Western Area lowest average residential density

Placemaking

- Key Spaces and destinations
- Key frontages and routes
- Landmarks and views

What design types
or architectural
characters would
you most like to see
in Village 7?





Village centre area precedent



Formal, organised, community heart, hard-landscaping features, a focal point, higher density





Eastern character area precedent



More formal, a softer approach around the boundary, an entry point from other Gilston Area villages





Western character area precedent



Less formal, softer build lines, lowest density, varied yet coherent, respectful to nearby heritage assets



Energy Efficiency and Carbon Reduction

All homes to satisfy the Government's **Future Homes Standard:** will produce 75-80% less carbon emissions improvement on 2013 building regulation requirements (current standard is a 30% reduction).

Fabric First Approach to Design:

- Increased cavity widths and insulation density.
- Triple glazing.
- Thermal lintels

Low and zero carbon technologies:

- Community Air Source Heat Pump Hub
- Photovoltaics.
- Solar Thermal panels.
- Wastewater heat recovery
- 100% active EV charging

Resource and Waste:

- Integrated and convenient recycling storage facilities
- Rainwater Harvesting
- Energy and water efficient appliances
- On site food production allotments and pocket allotments

Proposed site wide energy strategy

Be lean. Use Less

Energy.

Heat and hot water are delivered instantaneously

without any need for a cylinder in the home

Be clean.

Supply Energy Efficiently.

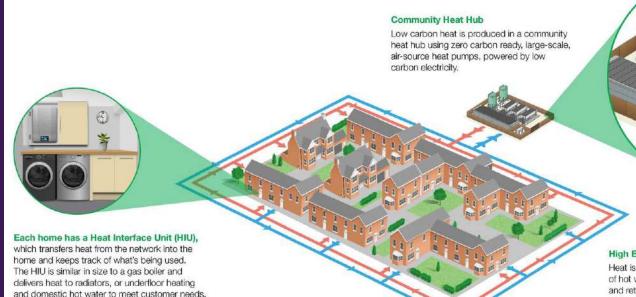
Be green.

Assess Low or Zero Carbon (LZC) Energy Sources.

By 2030 all our homes will be zero carbon ready (becoming true net-zero on decarbonisation of the electricity grid)

No fossil fuels for heating or cooking

The community heat hub explained

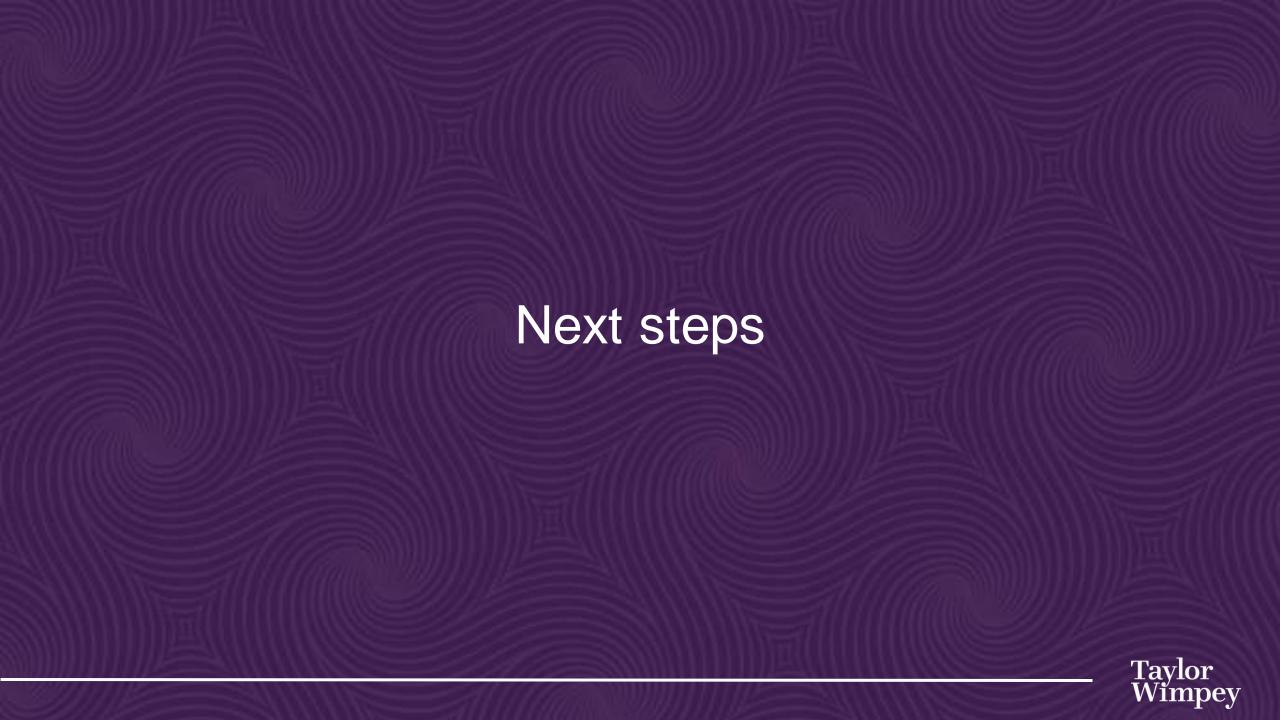


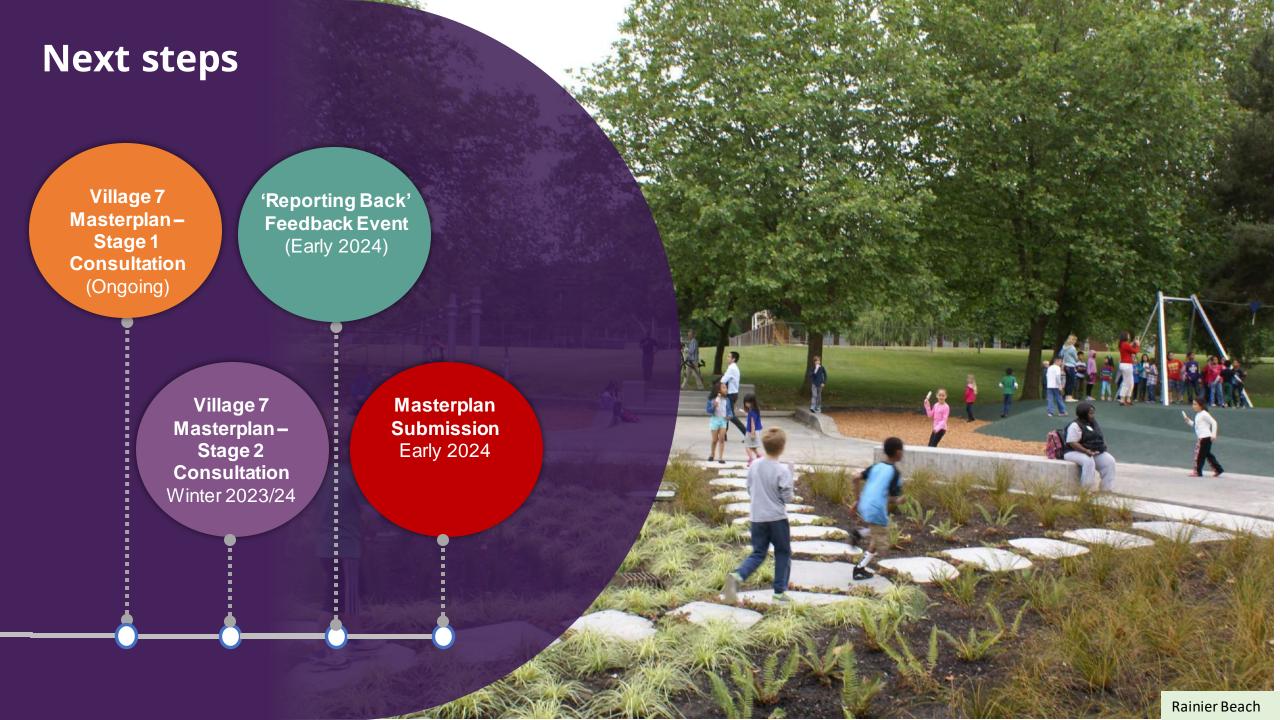
High Efficiency Network

Heat is pumped to each home, in the form of hot water, using our underground flow and return pipe network



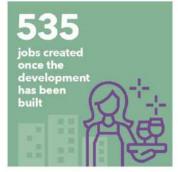
 Heat supplied from and returning to the community heat hub



























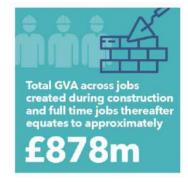














Questions?

Further information and digital feedbackforms are available at: village7.co.uk

Additional Slides Taylor Wimpey

Housing delivery

1,500 High Quality New Homes

- Integrating energy sustainability and biodiversity enhancement features
- Constructed to Future Homes Standard
- 1 and 2 bedroom apartments and 2, 3, 4 and 5 bed houses.
- 20 Independent / Assisted Living Units (Affordable Rent).
- 15 Residential Plots for Self-Build Housing.

345 Affordable Homes (23%)

- Above viability 21.65%
- 60% Affordable Rent.
- 40% Intermediate Tenure.

Accessible Homes

 15% of Affordable Units (houses and GF apartments) - M4 (3) Wheelchair User Dwellings.

Provision for Gypsies and Travellers

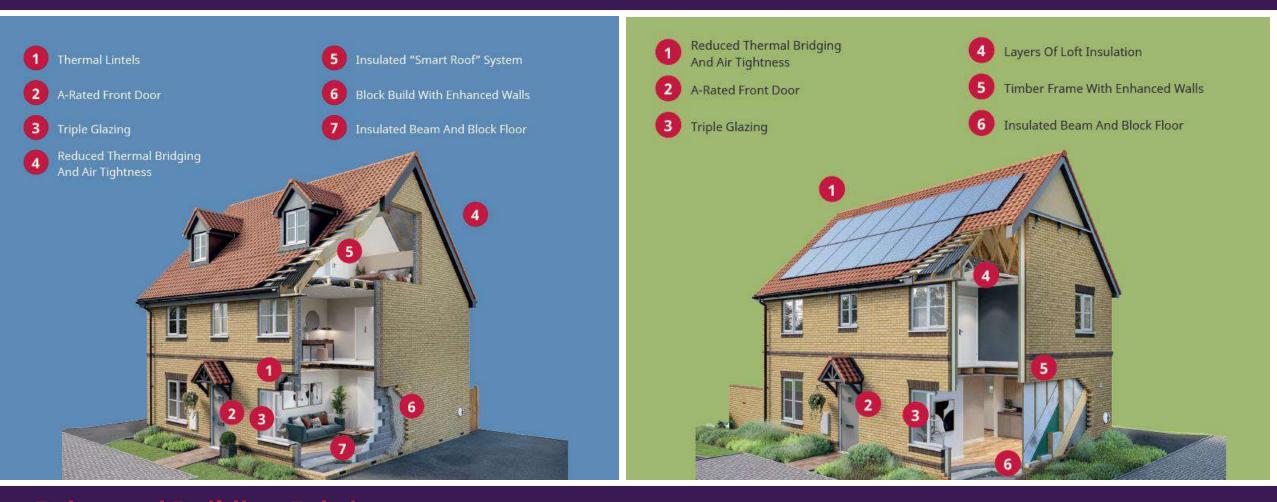
• Safeguarded land for Gypsy and Traveller communities.



Trialling Our Homes Of The Future

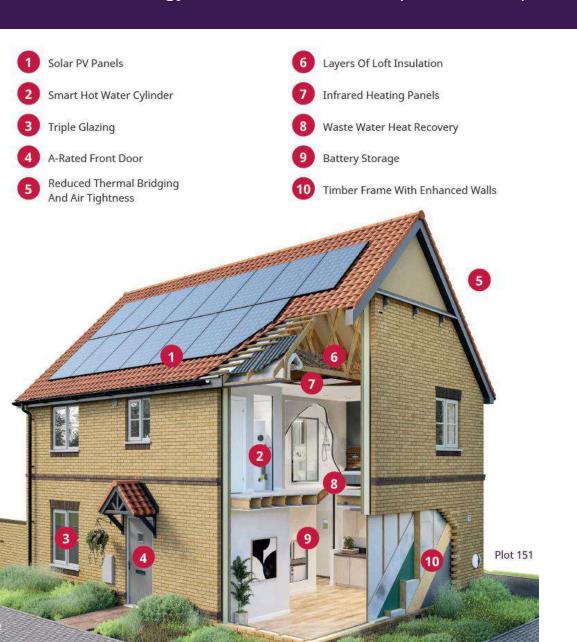


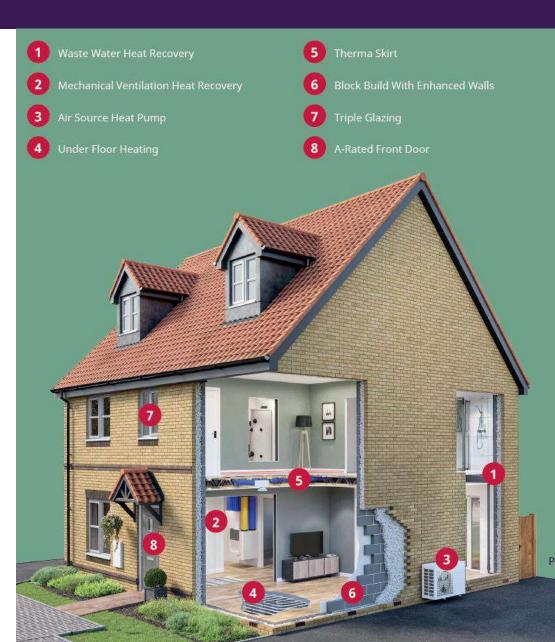
Future Home Trials: Testing a wide range of new technologies and fabric solutions in five prototype homes, including an industry-first installation of a roof-mounted air source heat pump. The homes will be sold and lived in, feedback collated and technology performance measured.



Enhanced Building Fabric: "Ultimately, the aim is to find solutions to enable Taylor Wimpey to build high quality, low carbon homes that our customers will enjoy living in. We believe that is the only way to understand how to build them into a home." Richard Kinloch, Head of Research and Technical Innovation

Our Prototypes: Our prototype homes will test different combinations of fabric and technology solutions and explore the best way to reduce energy demand and achieve improved fabric performance in our homes





Exploring innovative technologies:



Battery storage

Enables electric energy from renewables to be stored and then released when power is needed within the home or when electricity is more expensive to buy.

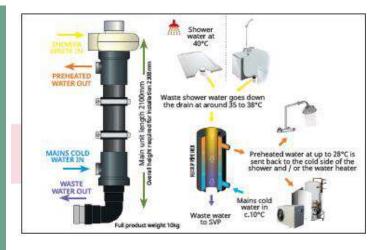


Infrared heating

Transfers heat to objects and people directly, rather than heating the air.

The table below contains a list of new technologies and fabric solutions in our five trial prototype homes.

| | The Trusdale 4 bedroom home 1,243 sq ft Plot 151 | The Garrton 5 bedroom home 1,825 sq ft Plot 152 | The Garrton S bedroom home 1,825 sq ft Plot 153 | The Ashenford 2 bedroom home 771 sq ft Plot 154 | The Easedale 3 bedroom home 931 sq ft Plot 155 |
|---|---|---|---|--|---|
| Smart home energy system | ✓ | | | | |
| Waste water heat recovery | ✓ | ✓ | ✓ | ✓ | ✓ |
| Air source heat pump | | ✓ | ✓ | | |
| Mechanical ventilation with heat recovery | | | ✓ | | |
| Exhaust Air heat pump | | | | ✓ | |
| Underfloor Heating | | | ✓ | | |
| Thermal Skirting | | | ✓ | | |
| Battery Storage | ✓ | | | | |
| Heat pump cylinder | | | | | ✓ |
| Electric panel space heating | | | | | ✓ |
| PV panels | ✓ | | | | ✓ |
| Infrared heating | ✓ | | | | |
| Smart cylinder | ✓ | | | | |
| Triple Glazing | ✓ | ✓ | ✓ | ✓ | ✓ |
| A-rated front door | ✓ | ✓ | ✓ | ✓ | ✓ |
| Timber Build with Enhanced Walls | ✓ | | | | |
| Block Build with Enhanced Walls | | ✓ | √ | ✓ | ✓ |



Waste water heat recovery

Saves energy by recovering and using heat energy from waste water.



Air source heat pump

Extracts heat from the outside air to provide heat and hot water.

Nature Friendly Homes:

Site Wide Ecological Enhancements:

Site Wide Ecological Enhancements:



Transport and connectivity

Sustainable Transport Corridor to include Village 7 Interim/Full Transport Hub, and STC through V7 to V1.

Sustainable Transport Hub secure cycle parking, EV charging, live bus information.

Reducing Car Travel – work from home hub in every house, on site employment opportunities and potential for co-working space in community buildings. Reducing emissions from travel. 60% mode share!

New Pedestrian and Cycle Links throughout Village 7, connecting to Villages 1-6 and the wider cycle and walking network.

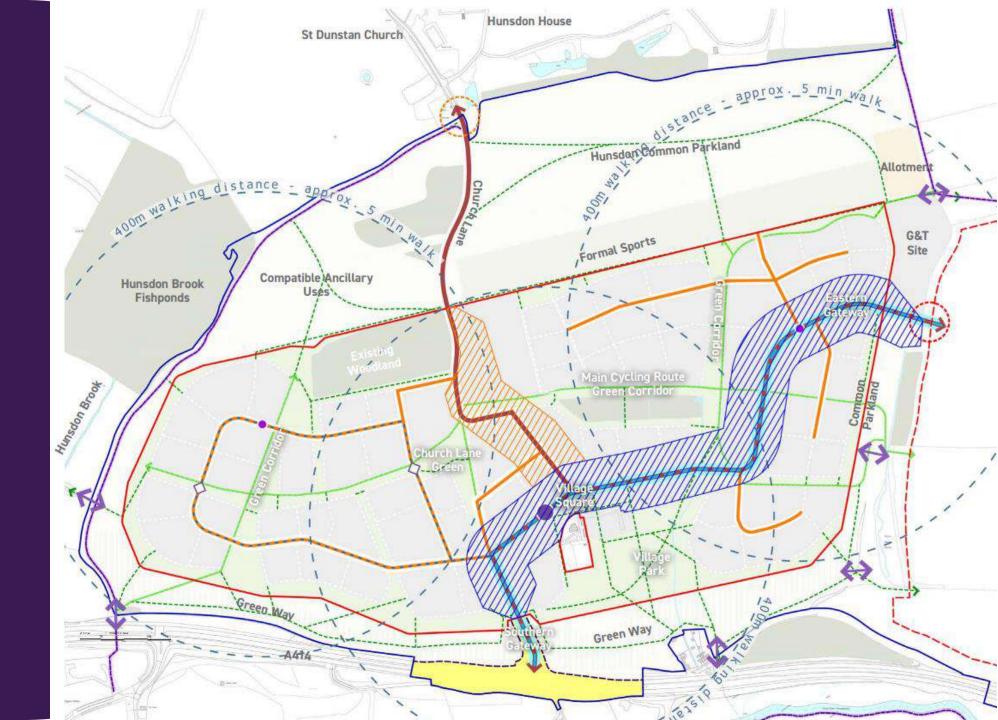
Roydon and Eastwick Links – pedestrian and cycle links to Roydon Station and Eastwick.

£42,098,728 - Transport Infrastructure Contribution (GA wide infrastructure)

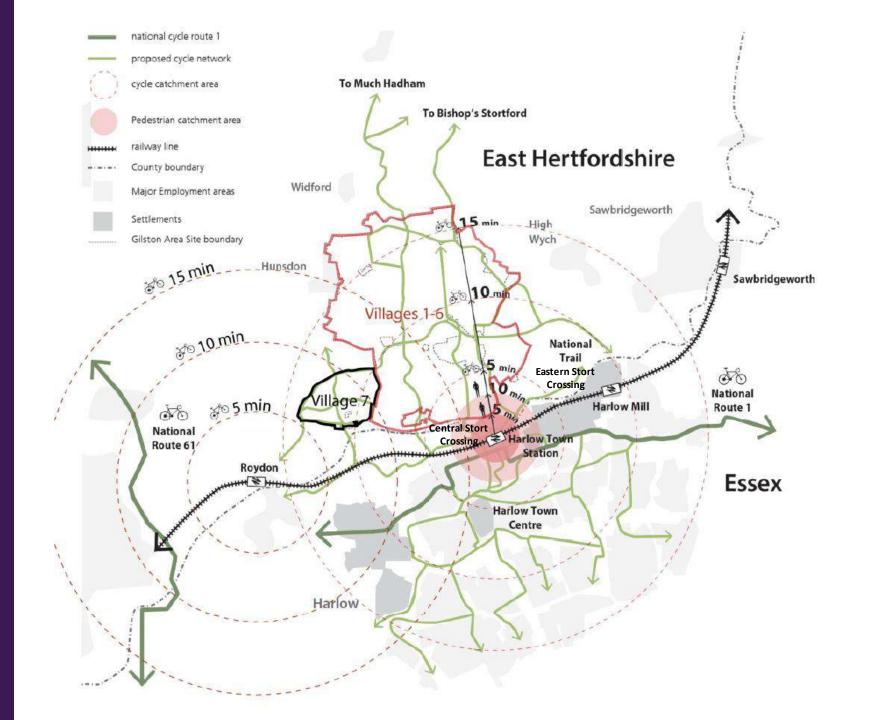


Sustainable movement

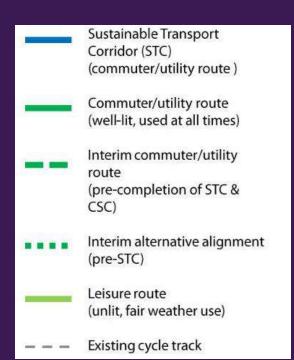


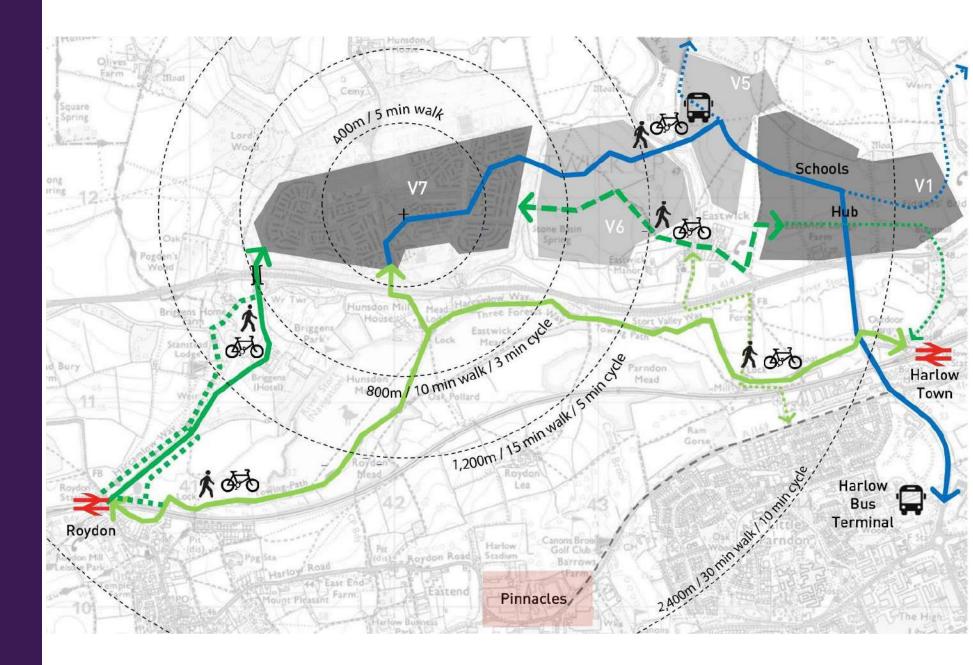


Gilston Area context



Village 7 Wider Connectivity





Village 7 Connectivity





Social Impact

Affordable Housing Delivery – minimum 345 affordable homes of mixed tenures.

Assisted Living - (20 Affordable Rent Homes).

Local Village Centre - Provision of up to 11,510sqm of non-residential uses within the local centre.

Wider economic prosperity – knock on effect from long term job creation locally and in wider area.

Community Hall - Resident led community facility with potential co-working hub promoting social cohesion.

Independent Nursery - 84 places.

Primary School Provision – 630 places including early years.

Outdoor Sports and Recreation - provision of Community Park to include, Outdoor Sports and Recreational Facilities and Football Hub.

Children's Playspace - to include provision for c.45 x LAPs, 5 x LEAPS and 1 x NEAP.

Community Gardening - Allotments and community orchards.



Heritage

Heritage assets represent an important aspect of site character and have been carefully assessed to ensure that they are protected for future generations.

Onsite Heritage Assets – Bring back into viable use onsite listed barns for the community.

Offsite Heritage Assets – Parameters carefully designed to protect heritage assets through the future design stages.

- Brickhouse Farm Barn, associated buildings – Grade II (partially on-site)
- Brickhouse Farm House Grade II
- Hunsdon House Grade I listed
- Parish Church of St Dunstan Grade I listed
- Monuments in St Dunstan's Churchyard – Grade II listed
- Hunsdon Brook Fishponds designated Scheduled Ancient Monument



Stewardship and Governance

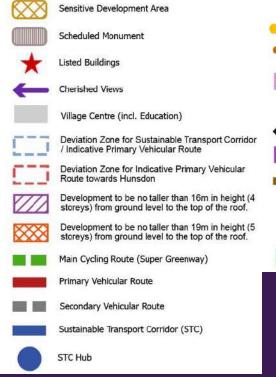
The Gilston Area Stewardship and Governance Strategy captures the four key pillars of a successful stewardship solution:

- Scope of Community Infrastructure that requires long term stewardship and maintenance.
- Inclusive, diverse and cohesive Placemaking and Community Development.
- A bespoke Governance structure for the creation of a new Gilston Area specific stewardship and legacy Trust for public benefit.
- Principles for provision of Finance and Resource to make available for start-up and to support the three pillars to deliver an ultimately self-sustaining organisation.
- These pillars will further evolve as the development progresses through the design and planning process.

The commitments in the Strategy will be captured in the S106, including the definitions of the Community Infrastructure, the framework for delivering the stewardship and legacy trust, the commitments and the further approval gateways to be embedded in the planning process.



Village 7 Design Concepts







Site Appraisal – Woodland and Cherished Views

Village 7 will be complementary to woodland in the area. The proposals will improve access to the woodland, bringing the local community closer to nature.

This will secure woodland and open spaces around Village 7 and protect them as a community asset, both accessible and as a cherished view.

Do you have any ideas on how Village 7 can best connect people with nature?

