PRIMARY AVENUE EDGE

The Primary Avenue edge is characterised by a more formal development edge. Whilst building materials and architectural styles will continue on from the Fulford Hall Road Edge, the use of repeated semi-detached units and avenue trees will create a subtle change in character and a well defined primary street. Car parking will be located to the side of dwellings, reducing set back distances and allowing development to have more of a presence over the street. This edge typology is influenced by development to the south of Fulford Hall Road, Norton Road and Tile house Lane. The primary characteristics that have influenced this edge typology are as follows:

- Linear frontage
- Predominantly semi-detached dwellings
- 2 storeys in height
- Predominantly red brick
- · Accent use of white/cream render
- Repeated unit types
- Bay windows and feature gables
- Arts and Crafts design influences
- Development set back up to 5m from the street
- · Driveways to side
- · Avenue trees within a grass verge
- Clipped hedges defining front gardens

TIDBURY GREEN INFLUENCES













PARKLAND EDGE

The Parkland Edge responds to its proximity to the central open space. It is envisaged that this edge typology will be designed to 'stand out', highlighting the importance of the central space, within the development and settlement as a whole. The primary characteristics that have influenced this edge typology are as follows:

- Linear frontage
- Predominantly detached dwellings
- 2 2.5 storeys in height
- · More common use of white render
- Accent use of timber and/or coloured render
- Development set back up to 5m from the street
- Driveways to side / car ports
- Iron/estate railings defining front gardens

TIDBURY GREEN INFLUENCES











RURAL EDGE

The Rural Edge responds to its outlook onto the more 'sensitive' boundaries to the south and east. Here, development will be more informally arranged with larger spacing between dwellings and a greater variety of unit typologies and orientation of gables to create a varied roofscape and lower density development boundary. The avoidance of white coloured features (window / door frames, porches) and the use of darker materials will be used to help reduce visual prominence and allow assimilation of the rural edge into the landscape. The rural Edge is influenced by the character of Lowbrook Lane, which is typified by varied unit typologies unified by a strong landscape character. The primary characteristics that have influenced this edge typology are as follows:

- Staggered frontage
- Predominantly detached dwellings
- Varied unit typologies and orientations
- 1.5 2 storeys in height
- Predominantly dark multi-toned red/brown brick
- Accent use of timber
- Varied front garden depths (minimum 5m)
- Driveways to side / front
- Iron/estate railings defining front gardens

TIDBURY GREEN INFLUENCES











FARM EDGE

The Farm Edge directly responds to the character of Tidbury Green Farm. Architectural details and the use of materials should be sympathetic to those used on the existing buildings. Courtyards of terraces and distinctive detached dwellings reflect the layout arrangement of the farm. The primary characteristics that have influenced this edge typology are as follows:

- Linear frontage
- Courtyard arrangement of terraced units with a number of larger dwellings
- 1.5 2 storeys in height
- Red/orange brick
- 'Barn style' buildings
- Architectural details such as exposed rafters, vented brick work and large openings
- Little or no development set back to terraced 'barn style' buildings
- Larger dwellings set back up to 3m from the street
- Car parking within courtyard
- Threshold paving defining front gardens to linked dwellings
- Iron/estate railings defining front gardens to larger dwellings









Occasional detached dwellings reflecting farmhouse character

Courtyard reflects arrangement of Tidbury Green Farm

Proposed trees reinforce the site boundary

Car parking and tree planting incorporated into the courtyards



MEWS EDGE

The Mews Edge also draws influence from the courtyard arrangement evident at Tidbury Green Farm, Yew Tree Farm and the 'backland' developments along Norton Lane. Smaller terraced dwellings characterise the mews edges. Dwellings are more simplistic in form than the other edge typologies to reflect their tertiary role within the development. The mews should be designed as narrow same surface streets that cut through the larger development parcels to ensure the continuity of the Fulford Hall Road and Primary Road Edges are maintained. The primary characteristics that have influenced this edge typology are as follows:

- Linear frontage
- Courtyard/mews arrangement of smaller units
- 1.5 2 storeys in height
- Red/brown brick
- Simplistic building forms reflect tertiary role
- Shallower roof pitches
- Little or no development set back
- Car parking within courtyard and/or to side
- Threshold paving defining private boundary

TIDBURY GREEN INFLUENCES





ILLUSTRATIVE EXAMPLES (details may vary)





Simple terraced building forms

Car parking integrated within the mews street

Narrow mews streets create the impression of a larger perimeter block



5.8 LANDSCAPE CHARACTER

- 5.8.1 The landscape features of the site, notably the distinctive tree and hedgerow corridors, form an integral part of the masterplan. The development parcels and movement routes are shaped by the existing field pattern and the central focus within the site is orientated around a multi-functional central green corridor. The central green corridor links Fulford Hall Road with open space, providing a counterpoint to the retained trees and a central area for play. The establishing woodland to the south of Big Dickens' Wood will also provide opportunities for informal recreation. Any new planting will be locally indigenous, as befits the landscape character of the area.
- 5.8.2 This will create a landscape led, high quality environment that responds not only to the settlement character but also to the site's rural setting. Both the proposed development and landscape character facilitate the transition from village to countryside, with a more formal character to the west becoming increasing informal and naturalistic to the east.
- 5.8.3 The green infrastructure will be designed to be multi-functional incorporating the following:
 - · Ecological mitigation and enhancement;
 - Integrated SUDS;
 - Natural and equipped play opportunities;
 - · Distinctive tree lined hedgerow corridors; and
 - Buffer planting incorporating native shrub, hedge and tree species along the more sensitive rural edges.

- 5.8.4 Six distinct landscape typologies/spaces are incorporated within the masterplan, providing a variety of ecological, recreational, accessible and functional open spaces within the development. They are as follows:
 - Entrance square (located along the central green corridor)
 - Village green (located along the central green corridor)
 - Children's play area (located along the central green corridor)
 - · Green corridors
 - Parkland
 - · Wildlife area
- 5.8.5 A description of each area is provided below. Two 3D sketches (central green corridor - including the entrance square, village green and children's play area and primary avenue/green corridor) are also provided overleaf to illustrate the interrelationship between the build form and landscape, that together create a distinctive sense of place that reflects the existing village character and rural setting.

5.9 ECOLOGICAL MITIGATION

- 5.9.1 The masterplan will deliver a great number of opportunities for ecology and biodiversity enhancements as well as recreational enjoyment. A summary of suggested measures are provided below:
 - The production of an appropriate Landscape and Habitat Management Plan including woodland, hedgerow and tree management plan;
 - · Enhancement of the existing habitats on site;
 - · The creation of new habitats on site including:
 - Wetland habitat (including reed-beds and wet/marshy grassland);
 - Wildflower meadows and bunds within areas of amenity grassland;
 - Rough grassland (linking to existing rough grassland habitats):
 - · Hibernacula and woodpiles/basking sites for reptiles;
 - Floating islands for nesting waterfowl;
 - · Erection of a variety of bat and bird boxes; and
 - Removal of silt deposition from the ponds on site, whilst creating variety of waterbodies in different stages of succession which should support a wide range of wildlife, especially invertebrates;
 - Limiting public access (including dog walking) in certain areas, particularly Big Dickens' Wood; and
 - Creation of de-marked footpaths and boardwalks through woodland areas (where appropriate).



ENTRANCE SQUARE

The entrance square creates a focal space as you enter the site, leading the eye along the central open space towards Big Dickens' Wood, It is a formal and predominately hard paved public open space, including areas to sit and congregate, providing opportunities for a local farmers/ craft market and public art within the heart of the village.

VILLAGE GREEN

The village green is influenced by the existing duck pond and front lawn of Tidbury Green Farm. It provides a tranquil and attractive setting for the proposed housing that fronts onto it, integrating existing trees to provide an enhanced sense of enclosure and intimacy.

CHILDREN'S PLAY AREA

The children's play area will be designed for younger children, incorporating a local equipped area for play (LEAP). The space benefits from natural surveillance from onlooking properties and connectivity to the central open space and green corridors, making the play area easily accessible to both existing and proposed residents.









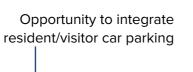
ILLUSTRATIVE EXAMPLES (details may vary)





Smaller ornamental trees allowing visual permeability along the green corridor & to the development frontage at the site entrance









GREEN CORRIDORS

Green corridors are concentrated along existing tree lined hedgerows, providing ecological, movement and drainage opportunities throughout the development. They interconnect with the central open space, ensuring all homes have convenient and safe access to public open space and that the existing and proposed communities are well integrated. Existing vegetation and drainage ditches will be retained and enhanced, providing a mature landscape setting and sustainable drainage solutions.

ILLUSTRATIVE EXAMPLES (details may vary)





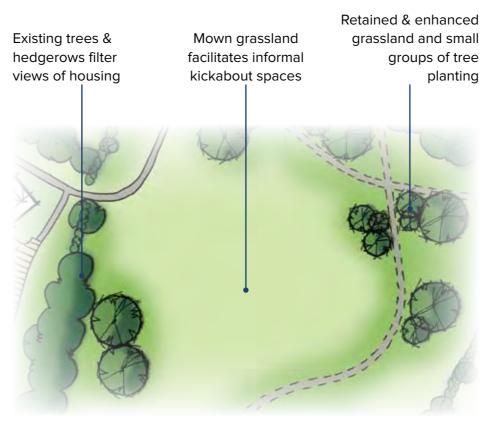


PARKLAND (incorporating kickabout area)

The area of parkland will be more open and informal in character, largely consisting of mown grassland, facilitating informal recreation opportunities, and retained and enhance grassland. Groups of trees will be incorporated into the space to filter views of the proposed housing and create a parkland character. The parkland is located at the tail of the central open space, ensuring the space is easily accessible to both existing and proposed residents.

ILLUSTRATIVE EXAMPLES (details may vary)



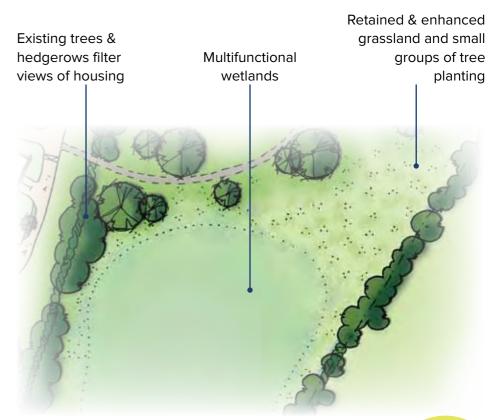


WILDLIFE AREA

The wildlife area will be designed to encourage wildlife through the use of wetlands, wildflower, scrubland and native tree and shrub planting. The area will be naturalistic in character, reflecting its rural location. Informal footpaths will be incorporated into the space, and more secluded areas will be designed to promote nesting and foraging for a variety of species.









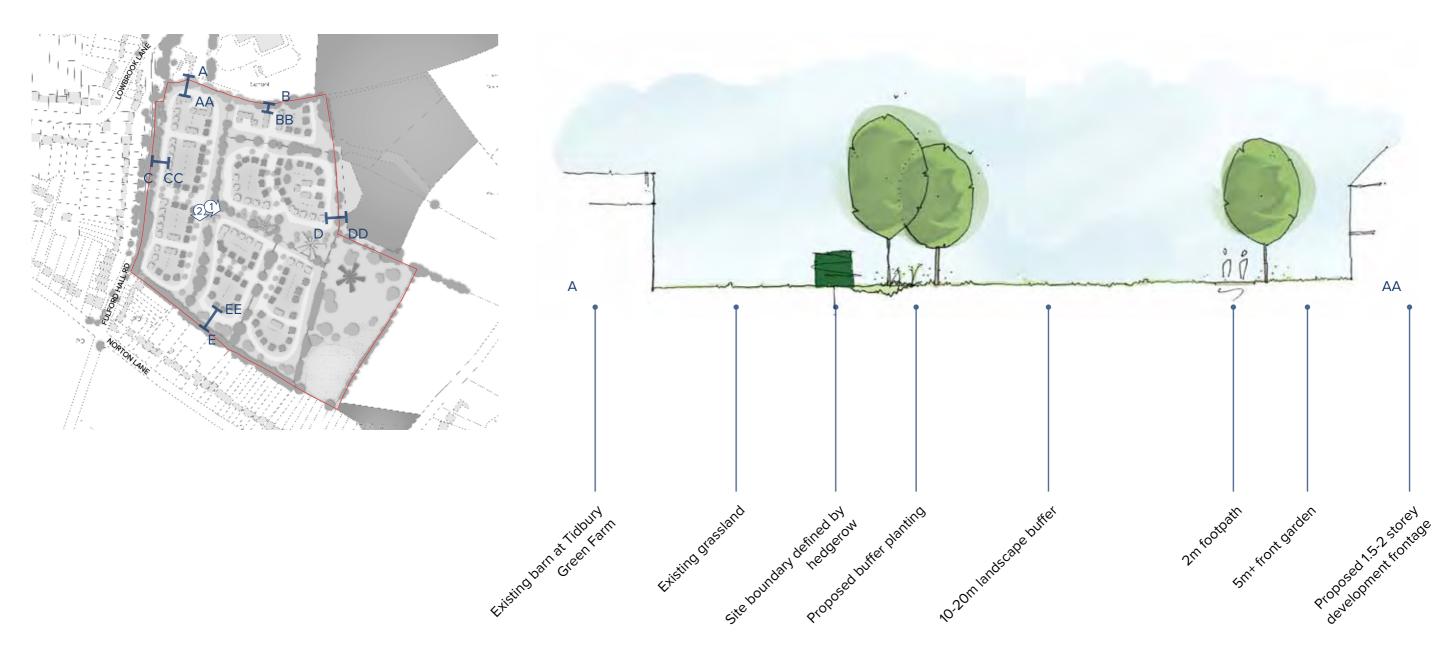


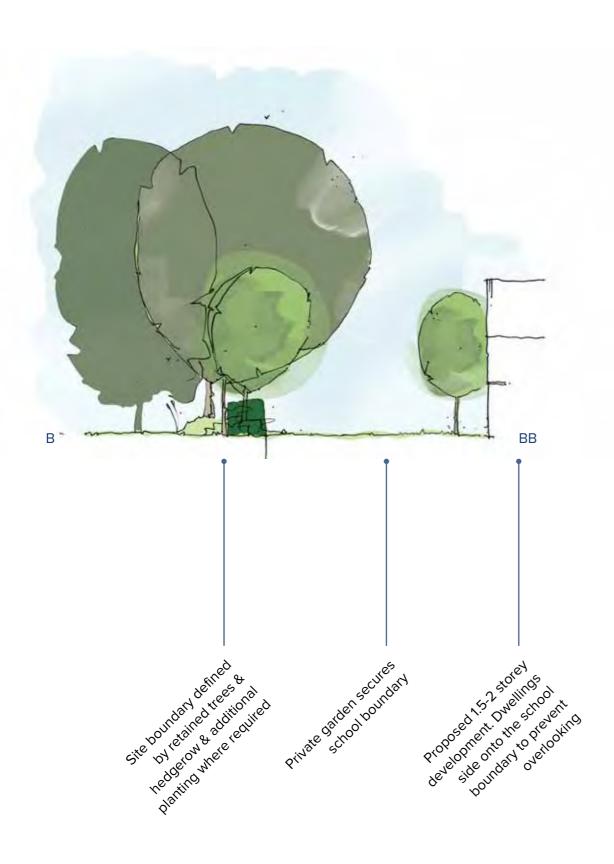
5.10 DEVELOPMENT BOUNDARIES

5.10.1 The scheme has been designed to sensitively respond to the site conditions and context. The interrelationship between proposed development and the adjacent land uses has been carefully considered within the masterplan. Five illustrative sections are provided below to demonstrate the development response to each of the site boundaries.

FIGURE 16: SECTION & 3D SKETCH LOCATION PLAN







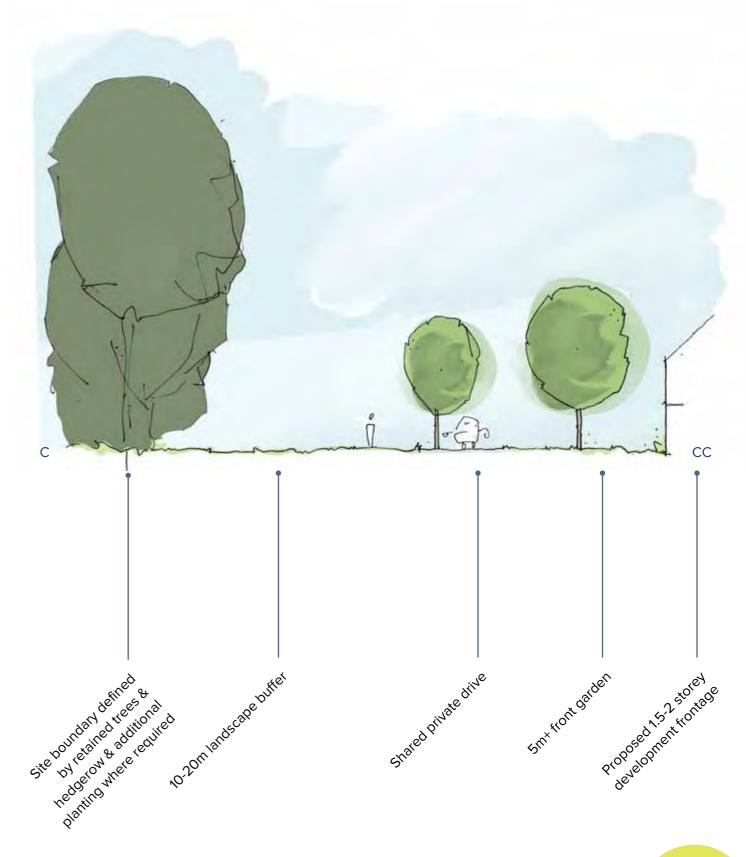




FIGURE 21: ILLUSTRATIVE SECTION E - RESIDENTIAL EDGE



5.11 ACCESS

Site Access

- 5.11.1 The development has been designed with a user hierarchy where the needs of pedestrians and cyclists are considered first and foremost, followed by the specialist service vehicles and then other motor vehicles.
- 5.11.2 The Transport Assessment (TA) prepared as part of this application has appropriately assessed the current transport infrastructure and existing conditions of the highway network surrounding the development site. This has enabled the design of the scheme to address any existing issues that have been observed, as well as provide appropriate measures to accommodate the impact of the proposed development.
- 5.11.3 Vehicular access to the site will be gained via a single priority T Junction off Fulford Hall Road with the site access forming the minor road arm incorporating the required visibility splay from the access of 2.4m x 90m. See Figure 23 for details.
- 5.11.4 A pedestrian/cycle link will be provided in the north west corner of the site. This will also function as a secondary access for emergency service vehicles.

Pedestrian and Cycle Links

- 5.11.5 The site layout has been designed to facilitate foot/cycle movements along highways (both separate footways and shared surface lanes/mews), desire lines and green corridors. These routes connect the site to the existing highways/footpath links, existing woodland and provide new pedestrian/cycle links to Rumbush Lane and Dickens Heath, enhancing the accessibility of the range of facilities on offer there. Dedicated pedestrian and cycle links include:
 - A pedestrian/cycle link to the north west of the site onto Fulford Hall Road;
 - A pedestrian/cycle link to the east of the site onto Rumbush Lane;
 - A pedestrian link to the south west of the site onto Fulford Hall Road: and
 - Pedestrian access within the existing woodland to the north east of the site (excluding Big Dickens' Wood).
- 5.11.6 It is proposed that a new zebra crossing be provided on Fulford Hall Road in the vicinity of its junction with Tilehouse Lane to improve pedestrian movements in the area and provide safe and convenient access to the school and existing bus stops.

Inclusive access

- 5.11.7 The detailed design of the proposed development should enable everybody to move around freely without encountering unnecessary obstructions. This is particularly important for pedestrians and cyclists and those less able to move about, such as the elderly, visually impaired or those who need to use a wheelchair. The majority of the inclusive access principles will be applied at reserved matters stage.
- 5.11.8 The former Commission for Architecture and the Built Environment (CABE) set out the principles of inclusive design as:
 - Inclusive so everyone can use it safely, easily and with dignity.
 - Responsive taking account of what people say they need and want.
 - Flexible so different people can use them in different ways.
 - Convenient so everyone can use them without too much effort or separation.
 - Accommodating for all people, regardless of their age, gender, mobility, ethnicity or circumstances.
 - Welcoming with no disabling barriers that night exclude some people.
 - Realistic offering more than one solution to help balance everyone's needs and recognising that one solution may not work for all.

LEGEND

Site boundary

Primary road

Lane (same surface / varied width)

...... Shared private drive (same surface)

___ Courtyard / mews (same surface)

Feature square / crossing

Primary pedestrian link

Primary pedestrian / cycle link

Primary pedestrian / cycle link / emergency access



SCALE 1:2,500



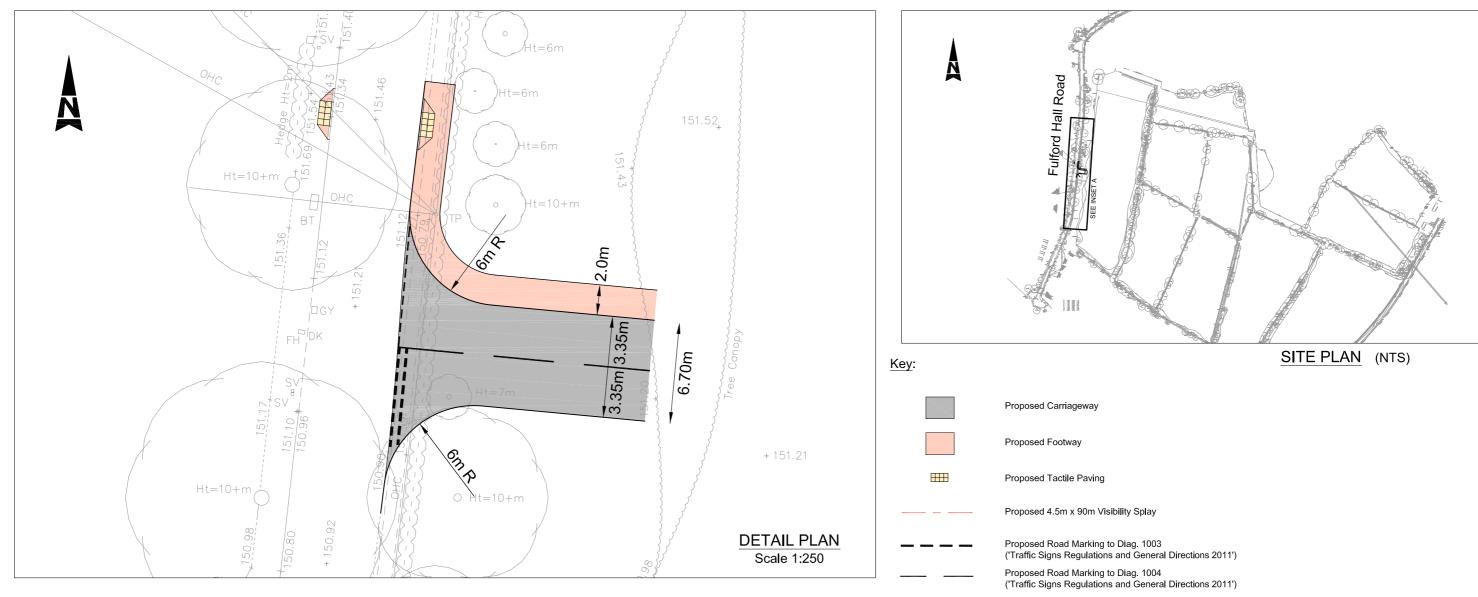


FIGURE 23: PROPOSED VEHICULAR ACCESS

(Courtesy of Atkins - refer to Drawing 5117672/TP/GA/001 for details)

6. OTHER CONSIDERATIONS

6.1 CAR PARKING

- 6.1.1 The car parking requirement will be delivered in accordance with policy. Allocated resident car parking will be provided in a variety of ways, including to front of property, side of property, garage to side, integral garage and/or on street within mews/courtyards. Where car parking is provided to the front of dwellings, soft landscaping will be incorporated into the street and/or front garden to ensure the cars do not dominate the streetscape. Car parking will be provided in close proximity to all dwellings, where possible, to discourage ad-hoc parking in more obtrusive locations.
- 6.1.2 Visitor car parking will be provided on street and for larger units visitor spaces may also be incorporated on plot. Tree planting and landscaping will be used to help integrate the car into the streetscene.

6.2 BINS & STORAGE

- 6.2.1 The detail of external storage space will be developed further at the reserved matters stage, based on the housing mix and type applied for. Where possible, bins will be stored to the rear of properties with an external access for each property to allow bins to be brought out to the front for emptying. Within runs of terraces this could be a shared alleyway between properties.
- 6.2.2 The number of cul-de-sacs used within the scheme have been limited within the development to facilitate access for refuse and emergency vehicles. In some instances, the use of cul-de-sacs is unavoidable due to the number of green corridors and extent of single sided development. Where 'shared private driveways/lanes' create cul-de-sacs, the length of road will be limited, allowing bin collection within 55m of the property frontage. Where roads lengths extend beyond 55m, access to the primary avenue will be provided via a footpath from the property frontage to the kerbside.

6.3 SAFER PLACES

- 6.3.1 Safer Places: The Planning System and Crime Prevention (2004) identifies the attributes of safer places and gives guidance on how to achieve this. We set out below how the proposed development has considered these attributes:
 - Access and Movement routes have been well defined and reflect convenient and direct movement patterns;
 - Structure the proposed buildings face outwards to the public realm:
 - Surveillance the proposed building positions and active edges provides high degrees of surveillance of public space and movement routes;
 - Ownership the proposed development has been designed to engender a sense of community through its layout, movement routes and open space;
 - Physical protection shared surface routes are used to promote pedestrian priority;
 - Activity we expect the site to have a heightened level of activity, with the associated surveillance benefits;
 - Management the scheme requires very little management, structure planting and retained vegetation is located in areas that are easily accessed and maintained from publically accessible areas. Roads and public open space are to be adopted by the relevant authorities, where this is not achievable separate management companies will control the areas;

6.4 BUILDING FOR LIFE

- 6.4.1 Building for Life 12 sets out 12 questions designed to structure discussions between local communities, the local planning authority, the developer of a proposed scheme and other stakeholders. It also helps local planning authorities assess the quality of proposed and completed developments. It was launched in its current format in September 2012.
- 6.4.2 Based on a simple traffic light system the scheme is assessed against each of the questions and given either a green, amber or red score with the objective to score as many greens as possible, minimise the number of ambers and avoid reds.
- 6.4.3 The more "greens' a better a development will be. A red light gives warning that an aspect of a development needs to be reconsidered. Ambers are areas which need to be looked at to see if they can be improved or considered further at the detailed design stage. In some cases it may not be possible to achieve a green because of local circumstances.
- 6.4.4 An outline building for life assessment has been set out on the following pages with a brief description as to how the scheme will seek to achieve a green score for each question. Reference will also be made to the relevant supporting information within the Design and Access Statement (DAS).
- 6.4.5 As the application is at an outline stage, some of the questions will only be able to achieve an amber score at the most, as securing a green would be dependent on the detail provided at the reserved matters stage. However, it is considered that based on the principles set out in the Design and Access statement, no red light warnings would apply to the proposed outline scheme.

"Building for Life is the industry standard, endorsed by Government, for well-designed homes and neighbourhoods that local communities, local authorities and developers are invited to use to stimulate conversations about creating good places to live."

Department for Communities and Local Government (2011) 'Laying the Foundations: A Housing Strategy for England'

| Integrating into the neighbourhood | DAS Reference | Applicants Score |
|--|--|---|
| Connections - Does the scheme integrate into its surroundings by reinforcing existing connections and creating new ones; whilst also respecting existing buildings and land uses along the boundaries of the development site? | Section 2 sets out the existing site context. Section 5.5 sets out the development principles. | Green |
| workplaces, parks, play areas, pubs or cafes? | Figure 3 illustrates the existing land uses and facilities within close proximity of the site. Section 5.5 sets out the development principles. | Green |
| Bus stops on Dickens Heath Road are located within 400m / 5 minutes walking distance of the site centre and Wythall train station is located within 1200m / 15 minutes walking distance of the site centre, providing convenient access to the existing public transport network. | Figures 1 & 3 illustrates the existing public transport routes, bus stops and train stations within close proximity of the site. Figure 22 illustrates the proposed movement structure. | Green |
| Meeting local housing requirements - Does the development have a mix of housing types and tenures that suit local requirements? As the scheme is at outline stage, the precise housing and tenure mix is not yet determined. However, the masterplan has been designed to accommodate a variety of housing types. The flexibility of the masterplan ensures local requirements can be applied when reserved matters applications are submitted. | Section 5.5 sets out the development principles. | Amber with the potential to achieve green at reserved matters stage |

| Creating a Place | DAS Reference | Applicants Score |
|--|--|------------------|
| Character - Does the scheme create a place with a locally inspired or otherwise distinctive character? | Sections 2.12, 5.7 & 5.8 set out the key principles for the development character. | Green |
| The character of the scheme has evolved directly from an assessment of the site and its context. The retention of existing trees and hedgerow corridors creates a distinctive sense of place, exploiting the established landscape setting to help assimilate the proposed scheme with the leafy village character and rural settlement edge. | Tor the development character. | |
| Six distinct residential character areas are established within the masterplan, defining a clear movement hierarchy, aiding legibility and responding to the adjacent landscape typology. Building materials, architectural styles and layout arrangements will complement those found within the village and natural tones and/or materials will be used within the more visually / landscape sensitive areas. | | |
| Working with the site and its context - Does the scheme take advantage of existing topography, landscape features (including | Section 2 sets out the existing site context. | Green |
| water courses), wildlife habitats, existing buildings, site orientation and microclimates? | Section 5.5 sets out the development principles. | |
| The scheme maximises the landscape features of the site and surrounding area. Existing hedgerows and trees are integrated into the masterplan, defining areas of public open space, movement routes and shaping the development parcels. Existing drainage ditches are an integral part of the SUDS for the site, utilising the existing topography to gravitationally feed water into an attenuation pond to the south east. The area surrounding the pond will be designed to promote wildlife habitats and the pond itself will be designed to maximise both its ecological and drainage capacity. | Section 3.3 sets out the development principles. | |
| The character of the existing village has directly influenced the layout of the scheme which is evident within the proposed character areas. | | |
| Creating well defined streets and spaces - Are buildings designed and positioned with landscaping to define and enhance streets and spaces and are buildings designed to turn street corners well? | Section 5.5 sets out the development principles. | Green |
| As the scheme is at outline stage, the precise design and positioning of housing is not yet determined. However, the masterplan promotes a legible street hierarchy and application of residential character areas; one of which is named 'Primary Avenue Edge'. Along the Primary Avenue, regularly spaced street trees are used to complement the more formal development edge and reinforce the existing linear tree lined corridors. The hierarchy of streets is also determined through a varied application of surface materials, set back distances/front garden depths and height to width ratios. | | |
| The perimeter block structure, promotes frontage on to the street and encloses private gardens to the rear. Key open spaces and entrances will be well defined and overlooked by the arrangement of surrounding buildings. Tree planting will also be used to add character and enclosure to the public open spaces. The detailed position of buildings will be dealt with at the reserved matters stage but the illustrative layout anticipates that dual aspect units will be used to turn corners and that the amount of exposed boundary walls will be kept to a minimum. A heightened architectural status is also advocated where buildings define vista and/or entrances. | | |
| Easy to find your way around - Is the scheme designed to make it easy to find your way around? | Section 5.5 sets out the development principles. | Green |
| A hierarchy of streets and spaces is integral to the masterplan, with nodal spaces and activity zones creating recognisable areas of interest along the movement routes and areas of public open space. The residential character areas, designed to complement the movement route and/or public open space that it addresses, will also aid legibility throughout the development. In addition, the central green corridor will act as a central meeting | TIOLINE DEVELOPMENT CHARACTER | |
| place and distinctive area within the proposed development and wider community. | Figure 22 illustrates the proposed movement structure. | |

| Street and Home | DAS Reference | Applicants Score | |
|---|---|---|--|
| Streets for all - Are streets designed in a way that encourage low vehicle speeds and allow them to function as social spaces? | Section 5.5 sets out the development principles. | Amber with the potential to achieve green at reserved | |
| The internal layout will be formalised during the reserved matters stage but it is expected that streets will be designed to meet required highway standards and low traffic speeds (of around 20mph). Houses will be arranged to front on to streets and promote activity and pinch points and variations within the building line will be used to deflect the carriageway and naturally reduce vehicle speeds. | Sections 2.12, 5.7 & 5.8 set out the key principles for the development character. | | |
| A number of same surface streets are incorporated into the masterplan, providing pedestrian friendly links along desire lines to and from the public open spaces. Designed as social places, these streets are augmented by feature squares and distinctive built form that defines them. | Figure 22 illustrates the proposed movement structure. | | |
| Car parking - Is resident and visitor parking sufficient and well integrated so that it does not dominate the street? Car parking will be provided to meet requirements contained within the SMBC Vehicle Parking Standards & Green Travel Plans SPD based on the | Section 6 identifies additional design considerations. | Amber with the potential to achieve green at reserved | |
| housing mix and type determined at reserved matters stage. Generally car parking will be on-plot, either to the front or side, or on-street. Tree planting and surface treatments will be used to help integrate car parking into the streetscene. Road widths will also allow some flexible visitor parking on-street and allow servicing. Appropriate levels of parking will be provided in close proximity to front doors to discourage ad-hoc parking in more obstructive locations. | The illustrative layout (Figure 11) demonstrate a variety of car parking solutions. | matters stage | |
| Public and Private Spaces - Will public and private spaces be clearly defined and designed to be attractive, well managed and safe? | Section 5.5 sets out the development principles. | Amber with the potential to achieve green at reserved | |
| The detailed definition and design of public and private spaces will be developed at the reserved matters stage. Front gardens will be well defined by either walls, hedges, railings or shrubs depending on the type of street on which they are located. Perimeter blocks will arrange frontage onto | Sections 2.12, 5.7 & 5.8 set out the key principles for the development character. | matters stage | |
| the surrounding streets and open spaces to promote overlooking and natural surveillance. Private gardens will be secured within the block and where these are exposed to the street they will be robustly defined by higher brick walls. Should rear parking courts be used, they will be secure and well overlooked by the surrounding buildings. | Section 6 identifies additional design considerations. | | |
| It is anticipated that all areas of open space will be adopted and maintained by SMBC or TGPC. Where this is not possible an independent management company, arranged by the applicants, will be used. | | | |
| External storage and amenity space - Is there adequate external storage space for bins and recycling as well as vehicles and cycles? | Section 6 identifies additional design considerations. | Amber with the potential to achieve green at reserved matters stage | |
| The detail of external storage space will be developed further at the reserved matters stage based on the housing mix and type applied for. Where possible, bins will be stored to the rear of properties with an external access for each property to allow bins to be brought out to the front for emptying. Within runs of terraces this could be a shared alleyway between properties. Where garages are provided they will meet the requirements set out in SMBC Vehicle Parking Standards & Green Travel Plans SPD. Cycle parking and storage will also be design in accordance with local planning policy. | | matters stage | |