

## Emergency Service Vehicle Access Requirements

### Fire Safety Department

#### ACCESS FOR APPLIANCES AND FIRE-FIGHTING FACILITIES FOR FIRE & RESCUE SERVICE USE

##### REQUIREMENTS FOR ACCESS ROADS

##### ROAD WIDTHS

Access roads may be public highways, private roads, footpaths or specially strengthened and defined routes through the land surrounding the building(s). The requirements for pumping appliances and hydraulic platforms are as follows:

Type of appliance	Minimum width of access rd	Minimum clearance height	Turning circle between walls	Turning circle diameter between kerbs	Minimum width of gateways etc.	Laden weight
Pumping Appliances	3.7m	3.7m	19.2m	16.8m	3.1m	12.5 tonnes
Hydraulic Platform	3.7m	4.0m	29.0m	29.0m	3.1m	17 tonnes

##### ACCESS FOR A HYDRAULIC PLATFORM

Where access for a hydraulic platform is specified, the roadway should be positioned with its nearest edge a maximum of 2 metres from the face of the building and its furthest edge a minimum of 7.5 metres from the building. This will enable the appliance to operate at its optimum height and reach, (see Diagram 1, App III). Roads, including any manhole covers and public utility service pits, should be capable of carrying the weights set out above for the respective appliances.

Hardstanding for Hydraulic Platforms should be as level as possible, and should not exceed a gradient of 1 in 12(8%).

##### TURNING AND SWEEP CIRCLES OF APPLIANCES

When providing access for appliances, allowance should be made for a pumping appliance's turning circle of 16.8m diameter, and sweep circle of 19.5m diameter. Hydraulic platforms have a turning circle of 29.0m diameter with a sweep circle of 29.0m diameter. Additional turning space should be provided where corners have to be negotiated, and sweep circles should not be obstructed above kerb height.

Appendices I and II show the other relevant details of pumping appliances and hydraulic platforms. Although the diagrams show transition curves for travel in one direction only, it should be remembered when planning suitable turning and sweep circles that the curves need to be repeated in the opposite direction.

## CUL-DE-SAC

Turning facilities should be provided on cul-de-sac roads exceeding 20m in length by means of a turning circle or a hammerhead.

## OBSTRUCTION TO ACCESS

All access roads for Fire & Rescue Service appliances should be kept clear of any obstructions, including trees, lamp standards, etc. It may, however, be considered necessary to restrict unauthorised entry and various arrangements are set out below.

Before any obstructions are installed the proposed arrangements should be agreed with the Fire & Rescue Service.

## POSTS AND BOLLARDS

Siting of bollards must not obstruct the use of hydrants.

### (a) Fixed and removable posts or bollards

When considering the type of post or bollard to be used, either fixed or removable, it is particularly important to bear in mind the type of scheme being considered.

If the scheme is a simple environmental improvements scheme in a thoroughfare it may be acceptable for a row of fixed bollards to be spaced along the kerb line. If this is not acceptable to the traffic authority, there are a number of options:

(i) Intermediate bollards of a lower height, i.e. below 230mm in height.

(ii) A removable bollard - one only for any access route. Removable bollards may be of galvanised steel tube and of the standard design. They should be secured in position with a standard padlock.

### (b) Collapsible posts or bollards

Collapsible posts and bollards are acceptable in certain cases provided they do not project more than 150mm above ground level when folded and are not of such a type that an appliance passing over one end of the collapsed bollard will raise the other end and foul the appliance. Collapsible posts may be of iron, pivoted near the ground. They should be secured by a standard padlock.

### (c) Flexible posts or bollards

Any proposal to use flexible bollards of a new or improved design should be referred (with particulars of the design) to Fire and Rescue Service Headquarters, Old London Road, Hertford.

The design should incorporate features that prevent damage occurring to fire appliances. They should not be used in conjunction with any other scheme.

Standard Form 2/1/1 (2)

## SPEED CONTROL HUMPS

Speed control humps (these may sometimes alternatively be referred to as 'sleeping policemen', 'speed retardant humps' or 'road ramps') are generally not accepted, but where they form part of a traffic management scheme their installation should be considered on their merits.

## PEDESTRIANISED AREAS/TRAFFIC CALMINGSCHEMES

Local authorities are increasingly making alterations to certain areas of towns and villages for reasons of road safety and to try to enhance the appearance of the areas. Included within these schemes are pedestrianisation of high streets and shopping areas, and 'traffic calming' at certain accident problem areas. Some of these schemes may affect attendance times by slowing down appliances dramatically on through routes, or prevent access into areas where they may be required. It is important that they do not impede appliances unnecessarily.

Schemes should meet the following criteria:-

- (a) A clearly defined fire path at least 3.7m wide, and capable of supporting the weight of a Service appliance, i.e. minimum 17 tonnes, is required through a pedestrianised area. (This may be indicated by the use of different coloured concrete or different paving patterns). Where tall buildings abut, the fire path will need to be 5.5m wide for use by hydraulic platforms as per diagram 2 in Appendix III.
- (b) The siting of the fire path should take into account building design features, e.g., canopies, extended shop fronts, etc. (these features may affect the positioning and operational use of hydraulic platforms and/or extension ladders).
- (c) No seating, trees or flower beds should obstruct the fire path and no street furniture, e.g. , lamp posts, should be allowed which could foul the ladders, etc. , on appliances.
- (d) If appliance access to a pedestrianised area crosses a kerb, it should be ramped with a steady incline for a minimum length of 500mm with the difference in levels not exceeding 100mm and both ends inset.
- (e) Any raised platforms should be at least 14m in length to prevent the grounding of hydraulic platforms.
- (f) Corner blips should not obstruct fire appliances that may need to negotiate the corner (see Appendix I and II).
- (g) Width restrictions should be a minimum of 3.7m, and have a "straight" approach on either side.
- (h) The provision of passing bays on roads reduced to a single lane will mean that in the event of an incident occurring parked fire appliances will not immediately close the road.
- (i) Chicanes must be capable of being negotiated by hydraulic platforms and pumping appliances, and have a "straight" approach on either side.
- (j) Speed tables should conform to (e)above.

Standard Form 2/1/1(3)

## STANDARD PADLOCKS

These are suitable padlocks for the purpose of securing bollards or posts, but must be capable of being cut open in an emergency with the bolt croppers carried on Hertfordshire Fire appliances.

## ACCESS TO BUILDINGS

ALL BUILDINGS NOT FITTED WITH FIRE MAINS Access should

be provided in accordance with Table 1 below:-

TOTAL FLOOR AREA OF BUILDING M <sup>2</sup>	HEIGHT OF FLOOR OF TOP STOREY ABOVE GROUND	PROVIDE VEHICLE ACCESS TO	TYPE OF APPLIANCE
UP TO 2000	UP TO 9m OVER 9m	SEE NOTE 3 BELOW 15% OF PERIMETER	PUMP HYDRAULIC PLATFORM
2000 - 8000	UP TO 9m OVER 9m	15% OF PERIMETER 50% OF PERIMETER	PUMP HYDRAULIC PLATFORM
800 - 16000	UP TO 9m OVER 9m	50% OF PERIMETER 50% OF PERIMETER	PUMP HYDRAULIC PLATFORM
16000 - 24000	UP TO 9m OVER 9m	75% OF PERIMETER 75% OF PERIMETER	PUMP HYDRAULIC PLATFORM
OVER 24000	UP TO 9m OVER 9m	100% OF PERIMETER 100% OF PERIMETER	PUMP HYDRAULIC PLATFORM

NOTE1 The TOTAL FLOOR AREA is the appropriate aggregate of all the floors in the building.

NOTE2 In the case of PURPOSE GROUP 7(a) (Storage) buildings height should be measured to mean roof level, as defined in Diagram C3 to Appendix C of Approved Document B to the Building Regulations 1991.

NOTE3 There should be vehicle access to small buildings (those up to 2000m<sup>2</sup>) with a top storey less than 9m above ground level) to within 45m of any point on the projected plan or "Footprint" of the building (See diagram 1 Appendix IV).

NOTE4 Any elevation to which vehicle access is provided in accordance with TABLE1 should have a suitable door (not less than 750mm wide) giving access to the interior of the building.

Standard Form 2/1/1 (4)

#### BUILDINGS FITTED WITH DRY FIREMAINS

There should be access for a pumping appliance to within 18m of each fire main inlet connection point. The inlet should be visible from the appliance.

#### BUILDINGS FITTED WITH WET FIREMAINS

There should be access for a pumping appliance to within 18m, and within sight of, a suitable entrance giving access to the main and in sight of the inlet for the emergency replenishment of the suction tank for the main.

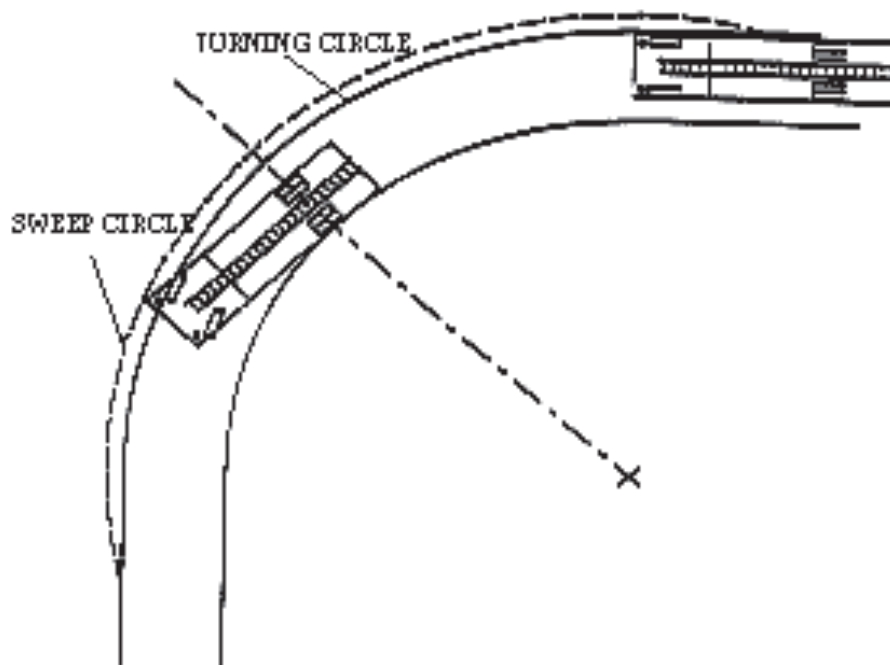
(NOTE To 3.2 and 3.3 see also Standard Forms 3/2/1/1 and 3/2/2/1)

DETAILS OF PUMPING APPLIANCES

APPENDIX I

Maximum length	8.5m
Maximum height	3.3m
Maximum width	2.3m
Maximum weight	12.5tonnes
Maximum weight front axle	5.5tonnes
Maximum weight rear axle	6.1tonnes
Maximum length wheelbase	3.81m
Track rear wheels	2m
Ground clearance	229mm

Turning and sweep circles



Width of roadway .....	3.7m
Turning circle.....	16.75m
Sweep circle .....	18.3m

This diagram shows the path of the appliance and is not intended to indicate kerb lines.

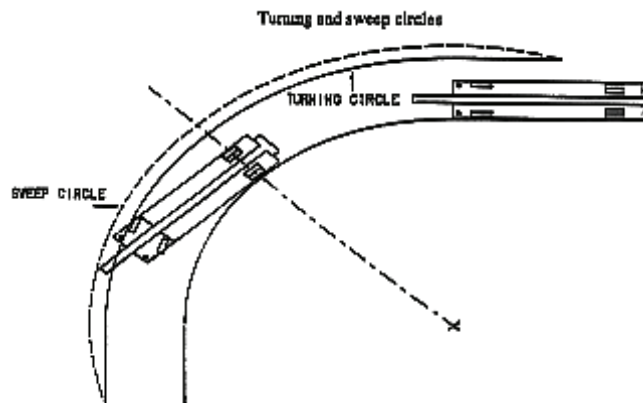
APPENDIX II

DETAILS (AT MAXIMUM) OF HYDRAULIC PLATFORM

Maximum length.....	10m
Maximum height.....	3.5m
Maximum width.....	2.5m
Maximum width with jacks out.....	4.4m
Laden weight.....	18.00 tonnes
Average weight front axle.....	7 tonnes
Average weight rear axle.....	11 tonnes
Maximum length wheelbase.....	5.33m
Track rear wheels..	2m
Minimum ground clearance .....	229mm

NOTE: Overhang of booms on headrest do not exceed 1.83m from foremost part of the vehicle. Hydraulic platforms are fitted with four ground jacks as stabilisers. Under normal working conditions the weight on a jack should not exceed 7.5 tonnes.

Turning and sweep circles



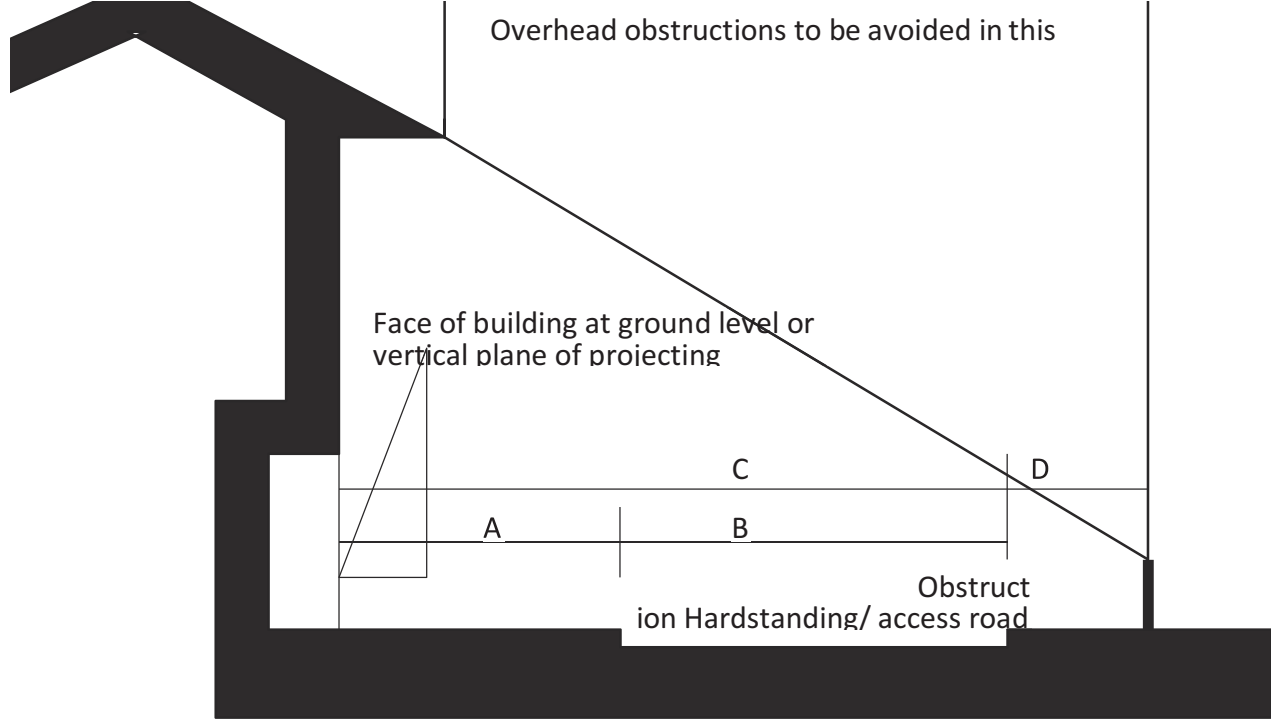
The diagram shows the path of an appliance and is not intended to indicate kerb lines.

Width of roadway.....	6m
Turning circle.....	20.12m
Sweep circle .....	24.5m

**RELATIONSHIP BETWEEN BUILDING AND HARDSTANDING/ ACCESS ROADS  
FOR HYDRAULIC PLATFORMS.**

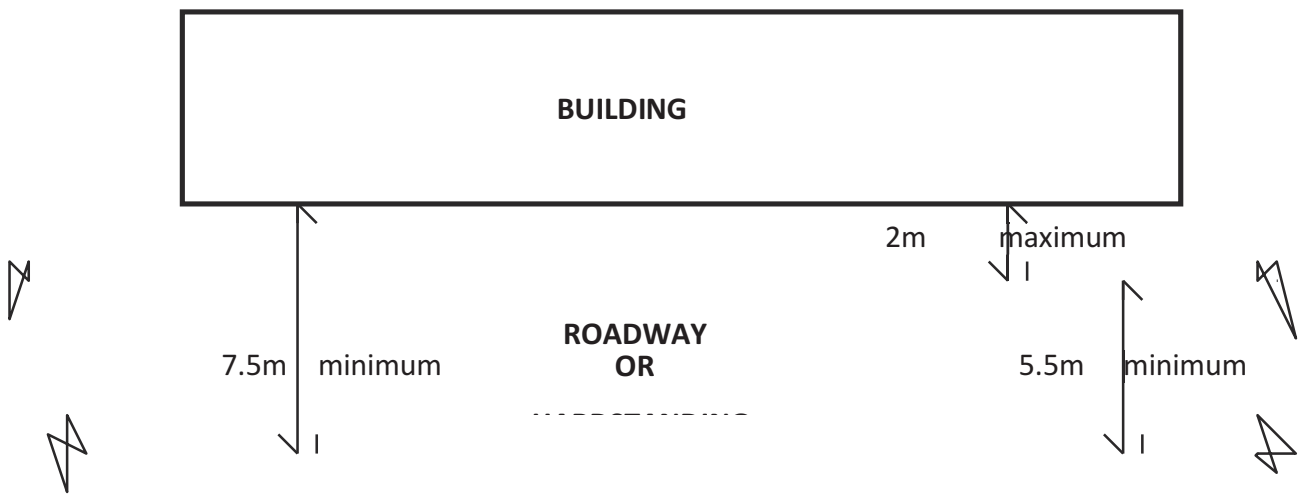
DIAGRAM 1





- A. Minimum distance of near edge of hardstanding from building. 2.0m
- B. Minimum width of hard standing. 5.5m
- C. Minimum distance of further edge of hard standing from the building 7.5m
- D. Minimum width of unobstructed space (for swing of appliance platform) 2.2m

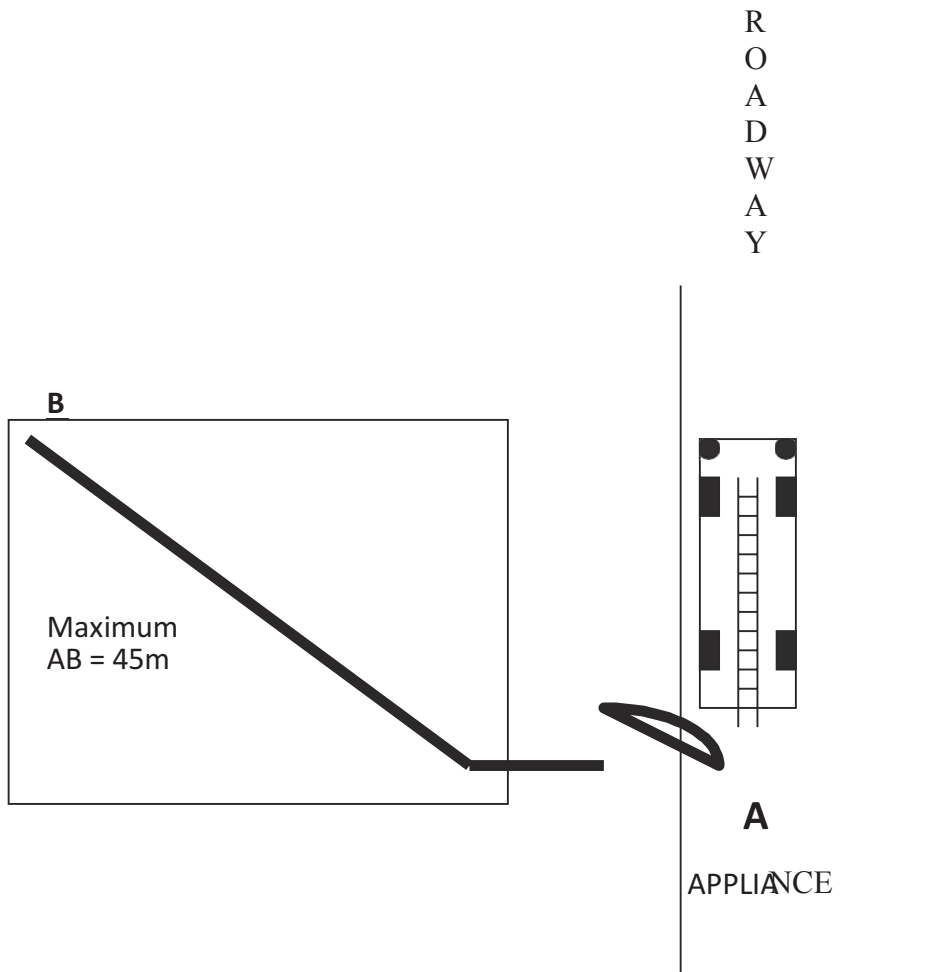
DIAGRAM 2.



Standard Form 2/1/1 App.3 (8)

APPENDIX IV

DIAGRAM 1



### Consultation List

In developing our Neighbourhood Plan we have consulted the following statutory and non-statutory consultees, who we believe may have an interest in the policies it contains:

- Wymondley Parish residents
- Wymondley Parish businesses
- Wymondley Parish Council
- Local landowners and developers
- Wymondley Parish places of worship
- Gravelly Parish Council
- St Ippolyts Parish Council
- Hitchin Forum
- Hertfordshire County Council
- North Hertfordshire District Council
- East Hertfordshire District Council
- Welwyn and Hatfield District Council
- Stevenage Borough Council
- biz4Biz
- Hertfordshire Local Enterprise Partnership
- Hertfordshire Chambers of Commerce
- Federation of Small Business
- North Herts Partnership (LSP)
- Homes and Communities Agency
- North Hertfordshire Homes (NHH)
- Campaign to Protect Rural England
- Natural England
- Environment Agency
- English Heritage
- Friends of Forster County
- Letchworth Garden City Heritage Foundation
- North Herts Action Group
- Wymondley Action Forum
- Open Spaces Society
- Save Our Green Belt
- Sport England
- Stevenage Riding for the Disabled Association

- Ramblers' Association
- North Herts Ramblers' Group
- Hertfordshire and North Middlesex Ramblers
- East Herts Ramblers
- Herts Natural History Society
- Herts and Middlesex Wildlife Trust
- British Horse Society
- Stevenage and North Hertfordshire Cycling Touring Club....
- National Allotments Society
- Network Rail Infrastructure Limited
- Virgin Trains East Coast
- Great Northern Rail
- Highways Agency
- Hertfordshire Police
- Hertfordshire Fire and Rescue Service
- Broadband Delivery UK
- British Telecom
- Openreach
- Sky
- Virgin Media
- E.on
- British Gas
- Eastern Electricity
- North Herts Health and Well-being Partnership
- East and North Herts NHS Trust
- Affinity Water
- Anglian Water
- Thames Water
- Rt Hon Peter Lilley MP
- Sir Oliver Heald QC MP
- Rt Hon Steven McPartland MP

## Wymondley Parish Neighbourhood Planning Forum (WPNPF)

### **Adrian Hawkins (Chair)**

Adrian is the Chairman of Weldability Sif, a welding products business based in Letchworth Garden City, with a history dating from 1925. The company supplies distributors and major fabrication and engineering companies nationally and internationally. In 2015 it launched its state of the art Technology & Training Centre to support the training of much needed welders for this country. (Adrian has also created the Weldability Sif Foundation a registered charity to support vocational skills training in colleges across the UK; and he is Managing Director of Welding World a specialist magazine for the welding sector.)

He is passionate about Hertfordshire as he was born in Stevenage and lives and works in the county. He is the Chairman and Co-Founder of biz4Biz, an organisation established to support business owners and like-minded business people in and around Hertfordshire and has enjoyed the support of co-directors and many business professionals in raising the profile of the group. He is one of two SME Representatives on the Hertfordshire Local Enterprise Partnership (LEP) Board.

He is also a Governor of the North Herts College and Director, Trustee and Chair of Governors of the North Herts Studio Schools Trust. In the past four years, the Trust has been responsible for establishing two Da Vinci Studio Schools in Hertfordshire, one in Stevenage (Science and Engineering) and one in Letchworth (Creative); and recently welcomed The Thomas Alleyne Academy in Stevenage to the fold.

### **Chris Turvey (Treasurer)**

Chris is recently retired, having spent in excess of 40 years in the construction industry, mostly as a Contract Manager/Director. His skill-set includes 12 years running Piling Contracts for developments requiring specialist foundation solutions where he was required to develop geotechnical expertise. Latterly in his career he was tasked with running contracts for flood damage insurance claims both for refurbishment and future proofing to mitigate possible future losses.

Chris has lived in North Hertfordshire for 32 years, the last 28 of which in Little Wymondley - within a community and area about which he cares passionately.

### **Hayley Ward (Secretary)**

Hayley's career for the past 21 years has been in marketing for various international business intelligence/events companies, working across several industries in that time, including commodities, financial services, law and architecture.

Hayley has lived in North Hertfordshire for 21 years, and chose to settle in Little Wymondley 18 years ago due to the character, ambience and community spirit of the village. Hayley is passionate about preventing the villages of the Parish from becoming part of "Stitchin" - whereby the areas around the towns of Stevenage and Hitchin become so developed, that they eventually form one huge town, with the villages of Wymondley Parish being swallowed up into this "mega-town" and losing their individual characters forever.

### **Cathy Kerby (NP Author)**

Cathy took (very) early retirement in March 2009, having worked as a civil servant for 33 years. Much of that time was spent interpreting and applying legislation in a regional adjudication role; and subsequently working as a senior policy advisor for the Health and

Safety Executive, in areas such as Better Regulation, changing patterns of employment, and construction.

Born in Hertford, and having lived in the county all her life, Cathy became involved in Parish life about two years ago and now lives with her partner in Little Wymondley, where she enjoys village life and walking her dog through the surrounding fields and countryside. A keen genealogist, she is passionate about protecting our heritage and natural environment for future generations to learn from and enjoy.

### **Derek Carter**

Derek is a retired teacher who has lived in Great Wymondley for 41 years, and is actively involved in village and parish life.

### **Ken Crowe**

Ken has lived in the Hitchin area for most of his life, and has been a resident of Little Wymondley for the last 24 years. With children and grandchildren who live in the Parish, (the latter who attend Wymondley JMI School) he is particularly keen to ensure a sustainable future for them within the community.

### **Jennie Hawkins**

Jennie has been employed as a Company Secretary, Finance & HR Director since 1981, working alongside her husband to establish a successful international business, based in Letchworth.

She has been living in the Parish for 17 years, having moved to Little Wymondley from Stevenage, and enjoys village life and the community spirit that exists locally. She believes the Green Belt is important to prevent the coalescence of major local towns; and strongly believes that maintaining the openness of the countryside is important for the wellbeing and happiness of the local community.

### **Robert Howard**

Robert is a life-long resident of Little Wymondley, who owns a home here and wishes to remain for the rest of his life. He is an active and passionate member of the community, with a keen interest in its history, environment and way of life.

His local family history can be traced back to the early 18<sup>th</sup> century and, notably, two of his great-uncles gave their life serving their country and are commemorated on the World War 1 memorial plaque in St Mary's church, Little Wymondley.

### **Simon Martin**

Simon has worked in the Commercial Transport sector in excess of 30 years, managing workshops and commercial vehicle fleets. In the last 11 years he has worked for local government, managing many elements associated with fleet vehicles and, more recently, in Waste Management.

He moved to Little Wymondley in 2013 with his partner after a long search looking for the right house and location for their needs. Having found this they integrated into the community quickly, by actively joining in with social events and meeting people whilst also making new friends. The appeal of the village was its open spaces, accessible country walks and community spirit that fits in with their lifestyle.

### **Julian Tribe**

Julian moved to Little Wymondley with his parents as a baby in 1973. Having moved away as a young adult, he always enjoyed visiting his parents, (who still live in the village). Julian moved back to the village in 2015, something he always wanted to do, and learned of the WPNPF group. He eagerly joined up, to help make the right decisions for the Parish based

on the survey results, as he strongly agrees with preserving the Green Belt and maintaining the unique character of the Parish for future generations.



## WPNPF Contact Information

### Contact Wymondley Parish Neighbourhood Planning Forum on 0330 900 2777

Name	Location	Phone number	Email address
Adrian Hawkins (Chairman)	Little Wymondley	0330 900 2777	wymondleyactionforum@googlegroups
Chris Turvey (Treasurer)	Little Wymondley	0330 900 2777	wymondleyactionforum@googlegroups
Hayley Ward (Secretary)	Little Wymondley	0330 900 2777	wymondleyactionforum@googlegroups
Cathy Kerby (NP Author)	Little Wymondley	0330 900 2777	wymondleyactionforum@googlegroups
Derek Carter	Great Wymondley	0330 900 2777	wymondleyactionforum@googlegroups
Ken Crowe	Little Wymondley	0330 900 2777	wymondleyactionforum@googlegroups
Jennie Hawkins	Little Wymondley	0330 900 2777	wymondleyactionforum@googlegroups
Robert Howard	Little Wymondley	0330 900 2777	wymondleyactionforum@googlegroups
Simon Martin	Little Wymondley	0330 900 2777	wymondleyactionforum@googlegroups
Julian Tribe	Little Wymondley	0330 900 2777	wymondleyactionforum@googlegroups

## Annex 13 – Statutory Consultee Letter



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CONSULTATION PERIOD 11<sup>TH</sup> APRIL 2016 – 25<sup>TH</sup> MAY 2016.

We have identified your organisation as one that may have an interest in our Neighbourhood Plan.

The Wymondley Parish Neighbourhood Plan is available to view online at:

[www.wymondley.org](http://www.wymondley.org)

On the website you will be able to leave your comments about the plan.

C. Turvey.

For and on behalf of

Wymondley Parish Neighbourhood Plan Forum

## Annex 14 – Consultation Leaflet



Draft Neighbourhood Plan for Wymondley Parish 2015 – 2031

### **PUBLIC CONSULTATION**

**DEADLINE FOR YOU TO HAVE YOUR SAY – 25<sup>th</sup> May 2016**

The Wymondley Parish Neighbourhood Planning Forum have put together a draft Neighbourhood Plan, based on the survey responses you gave last summer.

North Herts District Council's Local Plan will be back for public consultation in the summer. By having our own Plan, we can set policies for our Parish and, once the draft Plan has been through the legal process and formally made, it becomes part of the strategic Local Plan for the area - and must be taken account of by local planning authorities.

We now need *your* opinion on the draft plan so we can ensure it reflects what YOU want before we submit it to NHDC. This is your chance tell us if we have the draft plan right. **Please tell us by 25<sup>th</sup> May 2016.**

You can view the plan and make your comments online at [www.wymondley.org](http://www.wymondley.org)



or email us at: [info@wymondley.org](mailto:info@wymondley.org)

**No internet access? No problem!**

Print copies of the draft Plan are available at the following places (along with response forms):

- The Plume of Feathers and The Buck's Head (public houses), Little Wymondley
  - Redcoats Farmhouse Hotel, Redcoats Green
- The Green Man (public house), Great Wymondley
  - St. Mary's Church, Little Wymondley
  - St Mary's Church, Great Wymondley
  - The Chapel, Little Wymondley

## **Wymondley Parish Neighbourhood Draft Plan: YOUR views count!**

### **What's the Wymondley Parish Draft Plan about?**

Based on your survey responses, the plan aims to offer sustainable quality of life improvements to Wymondley Parish and its visitors, while taking account of our parish character and heritage, and protecting the intrinsic beauty of its surrounding countryside and Green Belt

### **The draft Plan focuses on the 3 issues you said mattered most to you:**

1. Preservation of the existing Green Belt
2. Alleviation of Flood Risk
3. Traffic Management

### **Contents List of the draft Plan:**

- |  |  |
|--|--|
| 1. How the Neighbourhood Plan fits into the Planning System        | 7. Green Infrastructure and Spaces           |
| 2. About the Wymondley Parish Neighbourhood Planning Forum (WPNPF) | 8. Transport Links                           |
| 3. Strategic Overview of our Planning Policies                     | 9. Traffic Management                        |
| 4. Natural and Historic Environments                               | 10. Education                                |
| 5. Green Belt  | 11. Telecommunications and Broadband         |
| 6. Flood Risk  | 12. Supporting Local Business and Employment |
|  | 13. Social Cohesion and Well-being           |
|  | 14. Housing and Other Development            |
|  | 15. Next Steps                               |

### **Please don't leave it to everyone else to give their views!**

**Please take your part in the draft Plan – it's your neighbourhood!**

If you have questions, please come along to the  
**Wymondley Parish Council's Annual Assembly**  
on 18<sup>th</sup> April, at 7:30pm,  
at Wymondley JMI School, Sicut Road, Little Wymondley,  
where the Chairman of the WPNPF will be happy to take your questions

**Or you can call us on 0330 900 2777**

**THE PUBLIC CONSULTATION CLOSSES ON 25<sup>th</sup> MAY 2016**

**Please let us have your comments before then**

**THANK YOU**

**Wymondley Parish Neighbourhood Planning Forum**