
From: Henry Thomas
Sent: 05 October 2026 10:08
To: ConsulteeComments
Subject: FW: 26/02084/FP Erection of four detached dwellings

From: Neil Dolman <Neil.Dolman [REDACTED]>
Sent: 24 September 2026 12:05
To: Henry Thomas <Henry.Thomas [REDACTED]>
Cc: Paul Marshall <Paul.Marshall [REDACTED]>
Subject: 26/02084/FP Erection of four detached dwellings

Dear Sir/Madam,

Thank you for consulting Hertfordshire Fire and Rescue Service on this planning application - **26/02084/FP**.

We have examined the drawings as per ADB B5 Access.

- It is unclear that the access road is suitable for a fire appliance to attend an incident.
- Please provide a flow path analysis report to include sweep and turning circles.

It is reminded that Hertfordshire Fire and Rescue appliance specifications are:

Water Tender Ladder Appliances

- Length 8M
- Width 2.9m (4.3m with the doors open)
- Height 3.7M
- Weight 19 Tonne

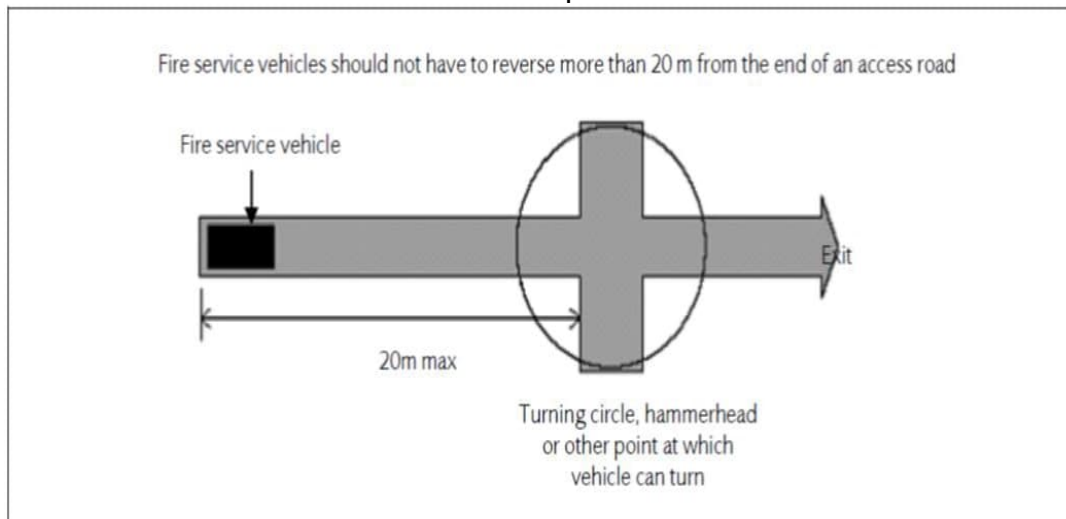
Aerial Ladder Platform

- Length 10M
- Width 3 (4.4m with the doors open)
- Height 4M
- Weight 26 Tonne

Appliance Type	Min. width of road between kerbs (m)	Min. width of gateways (m)	Min. turning circle between kerbs (m)	Min. turning circle between walls (m)	Min. clearance height (m)	Min. carrying capacity (tonnes)
Pump	3.7	3.1	16.8	19.2	3.7	19
ALP	3.7	3.1	26	29	4	26

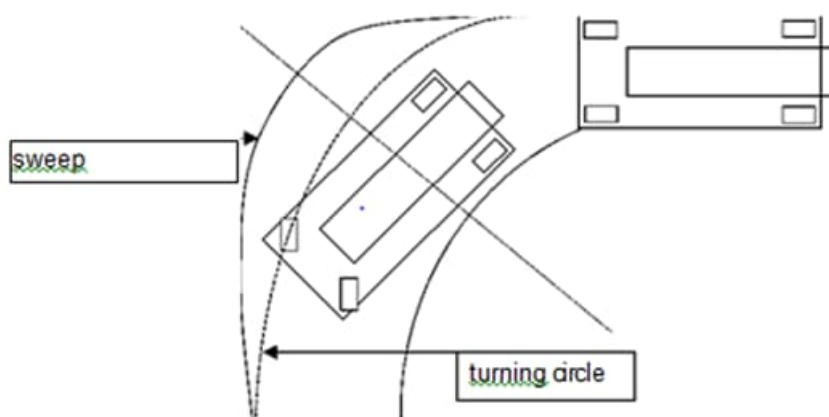
TURNING AND SWEEP CIRCLES OF APPLIANCES

Turning facilities should be provided in any dead end access route that is **more than 20 m long** (See Diagram below.) This can be a hammerhead or turning circle and should ensure that the maximum number of movements is a 3 point turn.



SWEEP AND TURN CIRCLES - APPLIANCES

Maximum length.....8.1m
Maximum height.....3.3 m
Maximum width.....2.9m including mirrors
Maximum weight.....19.0 tonnes
Ground clearance.....220mm



Not to scale

Width of roadway..... 3.7m
Turning circle.....16m
Sweep circle.....18m

ACCESS FOR BUILDINGS NOT FITTED WITH FIRE MAINS

The access requirements for fire service vehicles and personnel are different for non-residential and residential buildings (houses, maisonettes, flats), and increases with the building size and height.

For single family dwelling houses, block of flats or maisonettes there should be vehicle access for a pumping appliance to **within 45 m** of all points within the dwelling house.

Where sprinklers in accordance with BS 9251:2014 or BS EN 12845 are fitted throughout a house or block of flats:

- the distance between the fire appliance and any point within the house (houses having no floor more than 4.5 m above ground level) may be up to 90 m;
- the distance between the fire and rescue service pumping appliance and any point within the house or flat may be up to 75 m (in houses or flats having one floor more than 4.5 m above ground level).

WATER SUPPLIES

For enquires relating to hydrant matters within the Hertfordshire area, you should contact the Water Officer on 01992 507521. Correspondence can be sent to: The Water Officer, Hertfordshire Fire & Rescue Services Headquarters, Old London Road, Hertford, Hertfordshire SG13 7LD. Email to paul.redhead@hertfordshire.gov.uk

Kind Regards,



**Hertfordshire
Fire & Rescue Service**



Neil Dolman GFireE

Watch Manager B

**Senior Fire Safety Inspector | Regulatory Services | Business Fire Safety Team
Hertfordshire Fire & Rescue Service. | East Herts and Broxbourne**

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We improve
Residents' lives

We work with
Integrity

We act
Sustainably

We champion
Equality & fairness

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