



**GREATER
MANCHESTER**
FIRE AND RESCUE SERVICE

Your Reference 70976
Our Reference PR1048310
Contact Technical Support and Consultations Team
firesafetytechnical@manchesterfire.gov.uk

Chief Fire Officer
Dave Russel, BSc, MIFireE

Greater Manchester Fire and Rescue
Service
146 Bolton Road
Swinton
Manchester
M27 8US

Tel: 0161 736 5866
www.manchesterfire.gov.uk

Bury Council
The Development Management Team
Town Hall
Knowsley Street
Bury
BL9 0SW

Sent via email: j.l.townsend@bury.gov.uk

1st August 2024

Dear Sir/Madam,

Planning Application No:	70976
Address:	Burnt House Farm Turton Road Tottington Bury BL8 3QF
Proposal:	Erection of 1 no. detached dwelling to replace existing

I am writing in relation to the above application which I have considered as a non-statutory consultation on behalf of the Greater Manchester Combined Authority which is the fire and rescue authority for Greater Manchester.

Further to the above application, the following observations and recommendations in the attached report are forwarded for consideration. The report is sub-divided into the following sections:

- Access for fire and rescue service (B5)
- Provision of water supplies (B5)
- Recommendations for automatic water suppression system

The above proposal **does not** meet the requirements of B5 Access and facilities for the Fire Service within Approved Document B volume 1: 2019, supporting the Building Regulations 2010.

Access and facilities for the fire service should be in accordance with Section 13 Vehicle Access of Approved Document B volume 1: 2019, supporting the Building Regulations 2010.

- For dwelling houses access for a pumping appliance should be provided to within 45m of all points inside the dwelling house. For Flats, access for a pumping appliance to within 45m of all points inside each flat of a block, measured along the route of the hose. Provide fire mains in accordance with paragraphs 13.5 and 13.6.
- Access routes and hardstanding's should comply with the guidance in Table 13.1.
- Dead-end access routes longer than 20m require turning facilities, as in Diagram 13.1. Turning facilities should comply with the guidance in Table 13.1.

NOTE: *The measurements within the tables are based on nominal 12.5 Tonne assumption for a fire appliance.
The current fleet within Greater Manchester Fire and Rescue service have gross weights of 18 Tonne for an appliance and 26 Tonne for a high reach vehicle. Consideration should be given to this in any application made.*

***There is no provided evidence to show that the access road supports the above requirements.**

Provision of water supplies (B5)

Fire Mains and Hydrants for the fire service should be in accordance with Section 14 Vehicle Access of Approved Document B volume 1: 2019, supporting the Building Regulations 2010.

Consideration should be given to the guidance detailed in the Local Government Association document '[National Guidance document on the provision of water for firefighting](#)'.

In order that the fire hydrant requirements can be assessed, the applicant is advised to submit details of the water main installations to:

Water Team
Greater Manchester Fire and Rescue Service
146 Bolton Road
Swinton
Manchester
M27 8US
WaterForFirefighting@manchesterfire.gov.uk

Water supplies for firefighting purposes should be risk assessed in accordance with the forementioned guidance in liaison with the water undertakers (United Utilities - 0161 907 7351) with suitable and sufficient fire hydrants supplied.

The Local Government Association / Water UK National Guidance Document details the following flow rates and location of fire hydrants as the minimum necessary for firefighting, in particular risk categories where new developments are under construction.

Industry (industrial estates) - It is recommended that the water supply infrastructure should provide as follows with the mains network on site normally being at least 150mm nominal diameter:

- Up to one hectare minimum of 20 l/sec (1200 l/min)
- One to two hectares minimum of 35 l/sec (2100 l/min)
- Two to three hectares minimum of 50 l/sec (3000 l/min)
- Over three hectares minimum of 75 l/sec (4500 l/min)
- *Note: High risk areas may require greater flow rates.*

Fire Hydrants should ideally be located within 165 meters of Dwellings, **the nearest shown hydrant to this proposal is approximately 300m away being plate number 38013004, Turton Road 100m before Spring Bank Farm Tottington which is over the required distance.**

Where a piped water supply is not available, or there is insufficient pressure and flow in the water main, the alternative water supply may be a: spring, river, pond or canal which is capable of storing or providing at least 45,000 litres of water at all times of the year; or a charged static tank of at least 45,000 litres capacity.

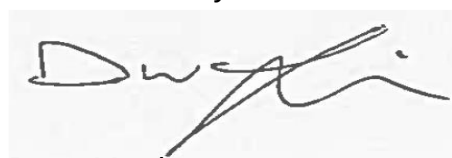
With either option, suitable access, space and hard standing for a pumping appliance must be provided.

Recommendation for automatic water suppression system

Whilst the implementation of this report will promote life safety for the occupants, members of the public and operational Firefighters, the Fire Authority recommends the fitting of sprinklers, which will also reduce damage by fire to both the building and the environment.

NOTE: *The access requirements detailed above can be varied due to the introduction of sprinkler systems designed and installed in accordance with British Standard EN 12845 for commercial premises or BS 9251 for domestic installation. Greater Manchester Manual for Streets recommends the maximum length of any cul-de-sac network should be 250m but this can be extended with the provision of sprinklers.*

Yours Faithfully



Dave Morris
Fire Safety Enforcement Officer
Greater Manchester Fire and Rescue Service

On behalf of the Greater Manchester Combined Authority