

## OFFICIAL

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*Please ask for:* Kevin Birchall  
*Telephone:* 07795840013  
*Email:* kevinbirchall@lancsfirerescue.org.uk  
*Your Ref:* 3/2016/0748  
*Our Ref:* KB474/LC  
*Date:* 22 August 2016

Dear Mr Herd

### **PROPOSED PLANNING APPLICATION CONSULTATION**

**Application No:** 3/2016/0748  
**Proposal:** Variation of condition 02 and removal of condition 10 for the erection of ten dwellings  
**Site Address:** Land off Chatburn Old Road, Chatburn

The proposed Planning Application Number 3/2016/0748 has been examined and the Fire Authority give their advice in respect of access for fire appliances and water supplies for firefighting purposes to the site.

The following recommendations are made to make the applicant aware of conditions which will have to be satisfied on a subsequent Building Regulation application. The conditions may affect the elevation of the building and access to them.

#### **ACCESS – DOCUMENT B, PART B5**

It should be ensured that the scheme fully meets all the requirements of part B5 of the Building Regulations.

If Document B, Part B5 cannot be fully complied with then the installation of a residential sprinkler system may be used as a compensatory feature.

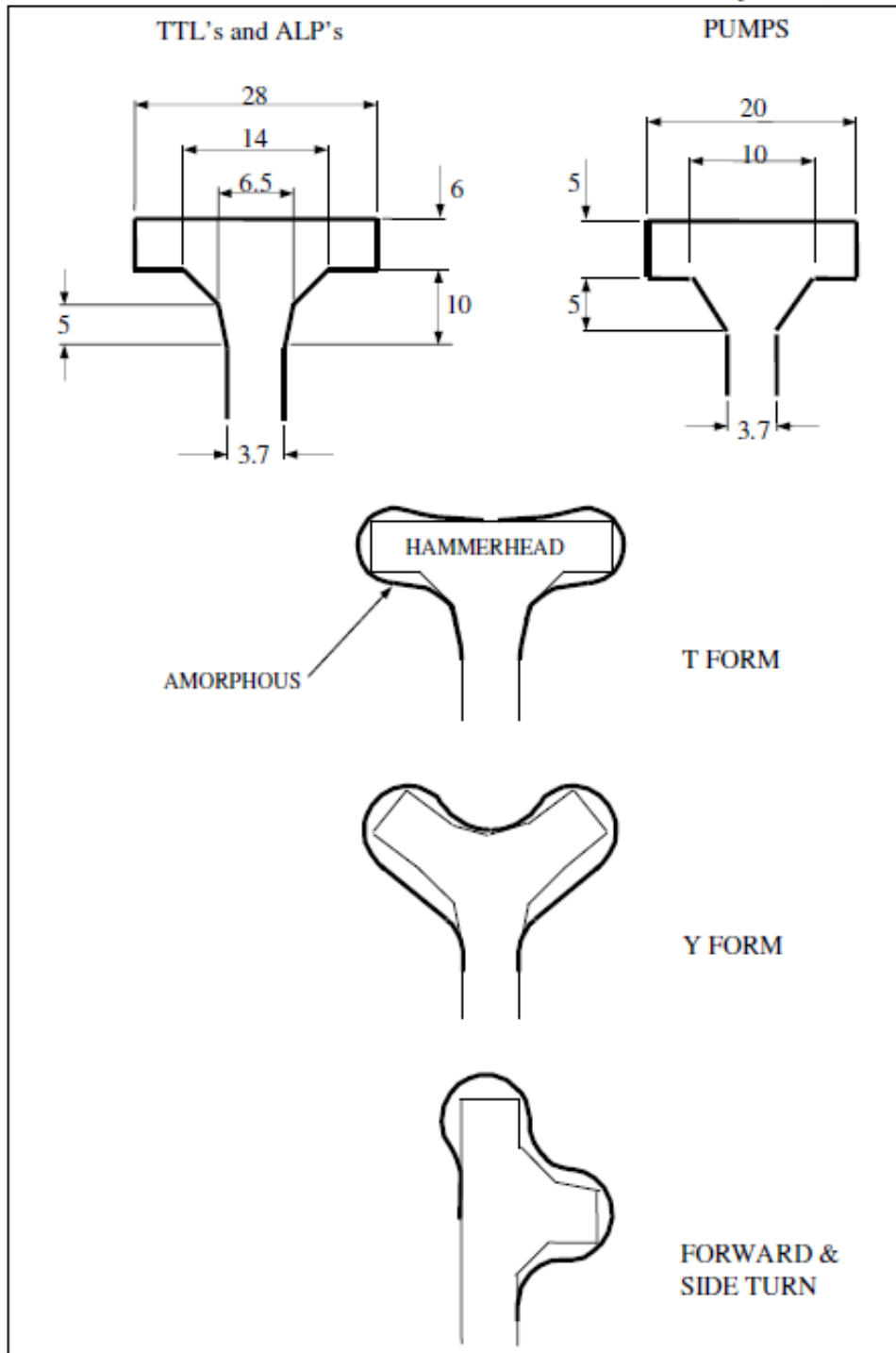
Protection Department  
Blackburn Community Fire Station  
Byrom Street  
Blackburn BB2 2LE

LANCASHIRE FIRE AND RESCUE SERVICE  
SAFETY SERVICES DEPARTMENT

NOTE FOR GUIDANCE N° 14

TURNING FACILITIES FOR FIRE SERVICE VEHICLES

The following diagrams show typical turning heads in accordance with table 21, note 1 and paragraph 17.11 of Building Regulations approved document B, part B5 (as amended by Lancashire Fire and Rescue Service to accommodate for the aerial ladder platform).



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### EXTRACT FROM BUILDING REGULATIONS APPROVED DOCUMENT B (as amended by Lancashire Fire and Rescue Service to accommodate for the aerial ladder platform)

Appliance Type	Minimum width of road between kerbs (m)	Minimum width of gateways (m)	Minimum turning circle between kerbs (m)	Minimum turning circle between walls (m)	Minimum clearance height (m)	Minimum carrying capacity (tonnes)
Pump	3.7	3.7	16.8	19.2	3.7	12.5
High Reach	3.7	3.7	29.0	29.0	4.0	26

Notes:

1. Fire appliances are not standardised. Some fire services have appliances of greater weight or different size. In consultation with the Fire Authority, Building Control Authorities and Approved Inspectors may adopt other dimensions in such circumstances.
2. Because the weight of high reach appliances is distributed over a number of axles, it is considered that their infrequent use of a carriageway or route designed to 12.5 tonnes should not cause damage. It would therefore be reasonable to design the roadbase to 12.5 tonnes, although structures such as bridges should have the full **26 tonnes** capacity.

## B5 WATER PROVISION

It should be ensured that the proposal is provided with suitable provision of Fire Fighting water. Any provisions should comply with National Guidance, details of which can be found: <http://www.water.org.uk/publications/water-industry-guidance/%E2%80%A8national-guidance-document-provision-water-fire-fighting-3rd>

### Guidelines on flow requirements for firefighting (taken from the National Guidance document on the provision of water for firefighting):


Type of building	Minimum main size (mm)	Minimum flow (litres per min)	Ideal flow (litres per min)	Maximum distances between hydrants (m)
Semi-detached house	90	480	1200	150
Detached house	90	480	1200	150
Multi occupied house	100	1200	2100	150
Transportation	100	1500	2100	90
Industry – Up to 2.5 Acres	150	2100	4500	70
Industry - 2.5 Acres to 5 Acres	150	3000	4500	70
Industry – Over 5 Acres	150	4500	4500	70
Shops/Offices/Recreation/Tourism	150	1200	4500	70
Village Halls	100	900	1200	100
Primary Schools	100	1200	2100	100
Secondary School/College	150	2100	4500	70
Hospitals	150	2100	4500	70

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The Local Authority Building Control / Approved Inspector and Fire Service should be consulted at the earliest opportunity where more specific advice can be offered.

If you would like to discuss this or any other matter of fire safety, please call me on 07795840013.

Yours faithfully

A handwritten signature in black ink, appearing to read 'KB', with a long horizontal stroke extending to the right. The signature is written over a faint, illegible stamp or watermark.

Kevin Birchall 474  
Fire Safety Inspector/Business Safety Officer  
for Chief Fire Officer