

Bolton Fold Farm, Alston Lane, Longridge

590-24-1 Highway Note on Matters Raised by LCC Highways

28th November 2024

Purpose

This note has been produced to respond to comments made by the Highways Officer.

Site Access Layout

The site access is approximately 5.6 metres wide which will be sufficient to allow large vehicles to pass.

Parking

The Highways Officer asked for the scheme to be considered against the Joint Lancashire Structure Plan. The building will provide a place for storage of scaffolding boards and poles and would seem to fit with B8 Warehouse in the JLSP. B8 has a typically parking requirement of 1 space per 200m² for a low accessibility site.

The building dimensions are approximately 33.52 metres x 13.76 metres, providing a floor area of approximately 461m², which would require 3 car parking spaces.



The site layout proposes 3 vehicular parking spaces adjacent to the building as shown above. This is considered sufficient for the needs of the development. The building will have 3 staff which can be accommodated in the 3 parking spaces.

Site Access into the Yard

There will be minimum forward visibility of 41.2 metres for a vehicle approaching the site yard to see a vehicle leaving the site yard.

It is proposed to introduce a requirement for vehicles approaching the site yard to give way to vehicles leaving the site yard with the use of traffic signing and road markings. The arrangement is shown on drawing 590-24-1.

Forward Visibility at the Entrance to the Site Access Road

There should not be any instances when an articulated vehicle is arriving when another articulated vehicle is leaving the site as articulated vehicles are expected to arrive infrequently, by arrangement with the Applicant and be only one vehicle visiting the site at any time.

There will be forward visibility of a minimum of 71 metres for a vehicle turning into the site. This should be sufficient to allow the vehicle turning into the site access to see a vehicle travelling out from the site. In the majority of instances vehicles travelling out from the site will be private cars and the occasional scaffolding truck. The level of forward visibility is shown on drawing 590-24-2.

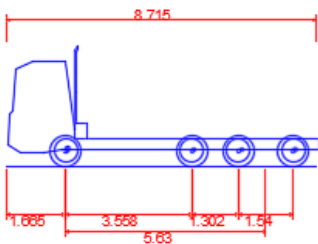
Access by Large Vehicles Along the Service Road and to / from the Site Yard

Swept path analysis has been undertaken using an articulated vehicle to assess how the vehicle would move along the site access road, into and out of the site yard and around the site yard. Drawings 590-24-3 and 4 show the swept path analysis. It is considered that the large vehicle can move along and around the site in a safe manner with the provision of signing and road marking mentioned above.

Servicing to the Site – Operation Statement

The site layout has been tested with an articulated vehicle. The servicing to the site by articulated vehicles is expected to occur no more than once every few months.

Servicing otherwise will be undertaken by a relatively small rigid vehicle to collect scaffolding boards and poles. These are expected to visit the site once or twice per week, although it could vary to a few times per times per day to hardly any visits per week as the frequency will vary depending on the size and scale of projects being supported. This should only be one scaffolding vehicle visiting the site each time. A typical vehicle profile for a scaffolding vehicle is shown below.



Elite 2 - 8x4 (Mid Steer)	
Overall Length	8.715m
Overall Width	2.500m
Overall Body Height	3.382m
Min Body Ground Clearance	0.363m
Track Width	2.500m
Lock to lock time	4.00s
Wall to Wall Turning Radius	11.550m

The building will have staff and access will be by private vehicles. Vehicle movements per employee are expected to be one movement inbound (to arrive for work) and one movement outbound (to leave work) plus any ad-hoc daytime movements but this is not expected to be any more than a total of 4 trips per employee (ie 2 inbound and 2 outbound trips per day).

Summary

With this additional information it is now hoped that the Highways Officer will be in a position to support the scheme.