

**From:** Toolan Adrian [<mailto:Adrian.Toolan@networkrail.co.uk>]  
**Sent:** 05 February 2015 11:06  
**To:** Jon Pavey-Smith  
**Subject:** Network Rail consultation 14/01423/FUL

Dear Mr Pavey-Smith,

Thank you very much for consulting with Network Rail in regards to planning application 14/01423/FUL. Please see related comments below;

The developer/applicant must ensure that their proposal, both during construction and after completion of works on site, does not:

- encroach onto Network Rail land
- affect the safety, operation or integrity of the company's railway and its infrastructure
- undermine its support zone
- damage the company's infrastructure
- place additional load on cuttings
- adversely affect any railway land or structure
- over-sail or encroach upon the air-space of any Network Rail land
- cause to obstruct or interfere with any works or proposed works or Network Rail development both now and in the future

I give below my comments and requirements for the safe operation of the railway and the protection of Network Rail's adjoining land.

### **Future maintenance**

The development must ensure any future maintenance can be conducted solely on the applicant's land. The applicant must ensure that any construction and any subsequent maintenance can be carried out to any proposed buildings or structures without adversely affecting the safety of, or encroaching upon Network Rail's adjacent land and air-space, and therefore all/any building should be situated at least **2 metres (3m for overhead lines and third rail)** from Network Rail's boundary. The reason for the **2m (3m for overhead lines and third rail)** stand off requirement is to allow for construction and future maintenance of a building and without requirement for access to the operational railway environment which may not necessarily be granted or if granted subject to railway

site safety requirements and special provisions with all associated railway costs charged to the applicant. Any less than **2m (3m for overhead lines and third rail)** and there is a strong possibility that the applicant (and any future resident) will need to utilise Network Rail land and air-space to facilitate works. The applicant / resident would need to receive approval for such works from the Network Rail Asset Protection Engineer, the applicant / resident would need to submit the request at least 20 weeks before any works were due to commence on site and they would be liable for all costs (e.g. all possession costs, all site safety costs, all asset protection presence costs). However, Network Rail is not required to grant permission for any third party access to its land. No structure/building should be built hard-against Network Rail's boundary as in this case there is an even higher probability of access to Network Rail land being required to undertake any construction / maintenance works. Equally any structure/building erected hard against the boundary with Network Rail will impact adversely upon our maintenance teams' ability to maintain our boundary fencing and boundary treatments.

## **Development**

Prior to the commencement of any works on site, developers must contact Network Rail to inform them of their intention to commence works. This must be undertaken a minimum of 6 weeks prior to the proposed date of commencement.

## **Construction**

Any scaffold, cranes or other mechanical plant must be constructed and operated in a "fail safe" manner that in the event of mishandling, collapse or failure, no materials or plant are capable of falling within 3.0m of the nearest rail of the adjacent railway line, or where the railway is electrified, within 3.0m of overhead electrical equipment or supports. To avoid scaffold falling onto operational lines, netting around the scaffold may be required.

## **Demolition**

Any demolition or refurbishment works must not be carried out on the development site that may endanger the safe operation of the railway, or the stability of the adjoining Network Rail structures.

The demolition of buildings or other structures near to the operational railway infrastructure must be carried out in accordance with an agreed method statement.

Approval of the method statement must be obtained from Network Rail's Outside Parties Engineer before the development can commence.

## **Fencing**

Network Rail's existing fencing / wall must not be removed or damaged and at no point either during construction or after works are completed on site should the foundations of the fencing or wall or any embankment therein, be damaged, undermined or compromised in any way. Any vegetation on Network Rail land and within Network Rail's boundary must also not be disturbed. Any fencing installed by the applicant must not prevent Network Rail from maintaining its own fencing/boundary treatment.

## **Landscaping**

Where trees/shrubs are to be planted adjacent to the railway boundary these shrubs should be positioned at a minimum distance greater than their predicted mature height from the boundary. Certain broad leaf deciduous species should not be planted adjacent to the railway boundary as the species will contribute to leaf fall which will have a detrimental effect on the safety and operation of the railway. We would wish to be involved in the approval of any landscaping scheme adjacent to the railway. Where landscaping is proposed as part of an application adjacent to the railway it will be necessary for details of the landscaping to be known and approved to ensure it does not impact upon the railway infrastructure. Any hedge planted adjacent to Network Rail's boundary fencing for screening purposes should be so placed that when fully grown it does not damage the fencing or provide a means of scaling it. No hedge should prevent Network Rail from maintaining its boundary fencing. Lists of trees that are permitted and those that are not permitted are provided below and these should be added to any tree planting conditions:

**Permitted:** Birch (Betula), Crab Apple (Malus Sylvestris), Field Maple (Acer Campestre), Bird Cherry (Prunus Padus), Wild Pear (Pyrus Communis), Fir Trees – Pines (Pinus), Hawthorne (Cretaeagus), Mountain Ash – Whitebeams (Sorbus), False Acacia (Robinia), Willow Shrubs (Shrubby Salix), Thuja Plicatata "Zebrina"

**Not Permitted:** Alder (Alnus Glutinosa), Aspen – Poplar (Populus), Beech (Fagus Sylvatica), Wild Cherry (Prunus Avium), Hornbeam (Carpinus Betulus), Small-leaved Lime (Tilia Cordata), Oak (Quercus), Willows (Salix Willow), Sycamore – Norway

Maple (Acer), Horse Chestnut (Aesculus Hippocastanum), Sweet Chestnut (Castanea Sativa), London Plane (Platanus Hispanica).

### **Vehicle Incursion**

Where a proposal calls for hard standing area / parking of vehicles area near the boundary with the operational railway, Network Rail would recommend the installation of a highways approved vehicle incursion barrier or high kerbs to prevent vehicles accidentally driving or rolling onto the railway or damaging lineside fencing.

As the site is adjacent to Network Rail's operational railway infrastructure, Network Rail strongly recommends the developer contacts [AssetProtectionAnglia@networkrail.co.uk](mailto:AssetProtectionAnglia@networkrail.co.uk) prior to any works commencing on site. Network Rail strongly recommends the developer agrees an Asset Protection Agreement with us to enable approval of detailed works. More information can also be obtained from our website at [www.networkrail.co.uk/aspx/1538.aspx](http://www.networkrail.co.uk/aspx/1538.aspx).

Thank you.

Kind Regards,

Adrian Toolan