



The Richard Parker Consultancy
CONSULTING ENGINEERS: TRAFFIC, HIGHWAYS & TRANSPORT

Brackley Investments Ltd.,

**Proposed 64-bed Care Home on land adjoining
Helmsley House,
Bartons Road,
Havant. PO9 5NB**

Application No. HDC APP/20/00761

TRANSPORT ASSESSMENT - Additional transport information

3rd December 2020

1. An email communication from the highway authority Hampshire County Council (HCC) dated 2nd December 2020 requested further swept path information and clarification on the proposed adoption process. This short supplementary report addresses those matters.

Adoption

2. The access road leading off the new Bellway / Brookvale access will be built to adoptable standards (6m wide carriageway with a 1.8 m footway along either side) but will not be offered for adoption at this stage. Only that part of this access up to the back of the verge alongside the Bellway / Brookvale access will be offered for adoption.

Swept-path – tracking analysis

3. Two further vehicle tracking swept paths tests have been undertaken to demonstrate the ability of vehicles to enter and leave the site in a forward direction. The first involved a 7.2m long delivery vehicle and the second a 11.2m long refuse vehicle.
4. The swept path plot of the delivery vehicle is shown on the attached Figure 15. This is similar to that shown previously on Figure 13 but the track has been adjusted to avoid the slight over-running of a parking bay as it turned in the main entrance of the Care Home and to show the vehicle reversing slightly once it was in the loading bay to ensure the front of the vehicle did not encroach on the adjoining footway. Because of the reduced length of the loading bay the vehicle parks approximately 0.8m away from the footway but this still leaves 3.5m of carriageway on the other side of the vehicle for other vehicles to pass.
5. At this stage the Care Home operators have not entered into any commercial waste collection contract so it is unclear whether the 'normal' 9.8m long 3-axle refuse vehicle or the extra

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large 11.2m long refuse vehicles currently in use by Norse SouthEast (who have the waste collection contract from Havant BC) will be visiting the site. To demonstrate that either vehicle can access the refuse bins at the southern end of the site, A further swept-path track has been undertaken using the larger vehicle. As before it enters the site, turns in front of the Care Home and reverses down to where the bins are stored. This vehicle uses the whole of the available carriageway to perform this manoeuvre, but this will only occur for a few minutes each week and is similar to what occurs in every residential cul-de-sac in the area. The vehicle dimensions are those of a Dennis Phoenix 2 with the Elite 6x4 chassis (ie 3-axle, 11.2m overall length. The vehicle profile is shown in the top-left hand corner of the attached plot at Figure 16.

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Attached - Figure 15 - swept path plot of delivery vehicle within site
Figure 16 - swept path plot of 11.2m refuse vehicle within site

Revised tracking of delivery vehicle within site

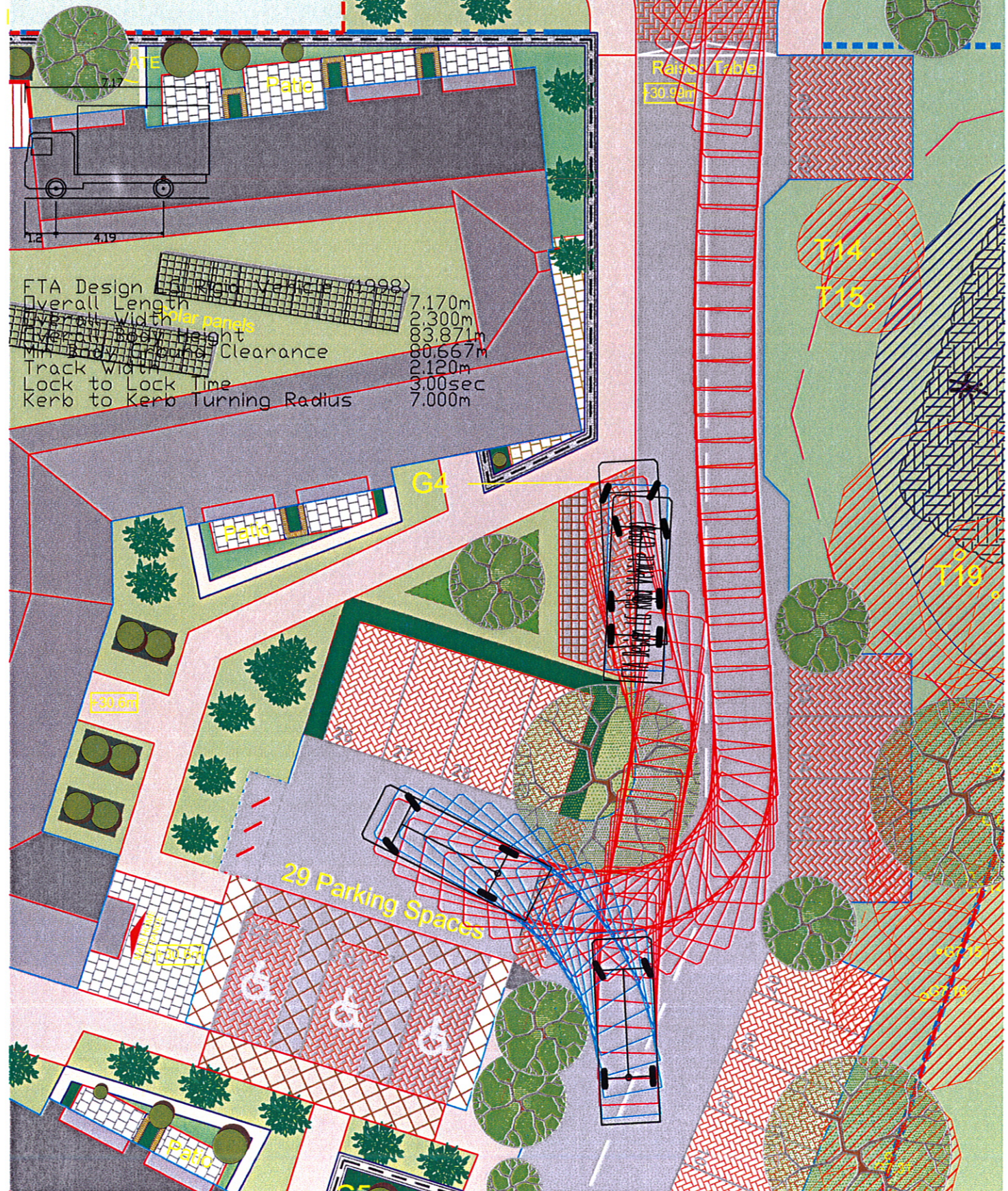


FIGURE 16
Tracking of 11.2m long, 3-axis refuse vehicle within site

