

Pedestrian Movement Space Syntax Analysis

1.0 Introduction

1.1 Figures are included for both the 2018 and the 2021 schemes and are based exclusively on the data contained in the specialist reports prepared by Space Syntax for each scheme as submitted with respective planning applications. Both are Inquiry Core Documents, references below:

1.2 **CDA.23** Pedestrian Forecast and Landscaping Assessment (2018 Scheme)

1.3 **CDB.22** Pedestrian Forecast and Landscaping Assessment (2021 Scheme)

2.0 2018 Scheme

2.1 Space Syntax report CDA.23 includes a summary page on the predicted pedestrian movement around and across the proposed new public realm of the 2018 Scheme - for a Future 2031 baseline. As Figure 1 (next page), this indicates that **1,800** pedestrians per hour (pph) in the 'AM peak' are anticipated to use the new London Bridge Station entrance and use the new proposed public realm (figure circled red in Fig. 1).

2.2 As Figure 2 (next page), on page 19 of CDA.23, Space Syntax set out the number of building users predicted to arrive at the 2018 Scheme office during the 'AM Peak' excluding bicycles. Of the total **1,460** pph building users, 41% are predicted to use the western entrance to the office closest to the new tube station entrance, or 599 pph (both figures coloured blue on Fig 2).

2.3 In Fig. 2 it is also stated that 35% of the total NCC 'AM peak' pedestrians are expected to use the new Tube Station entrance/exit. Whilst the figure is not stated it can be calculated as 35% of 1,460 pph, or **511** pph.

2.4 Given that the total users of the new Tube Station entrance are 1,800 pph (as Fig. 1), and that 511 pph are NCC users, this proportion can be expressed as a percentage [**28.4%**]. That means that the remaining [**71.6%**] are not users of the building and are using the public realm as part of their wider journey.

Pedestrian movement 2031 Future baseline with New City Court AM Peak

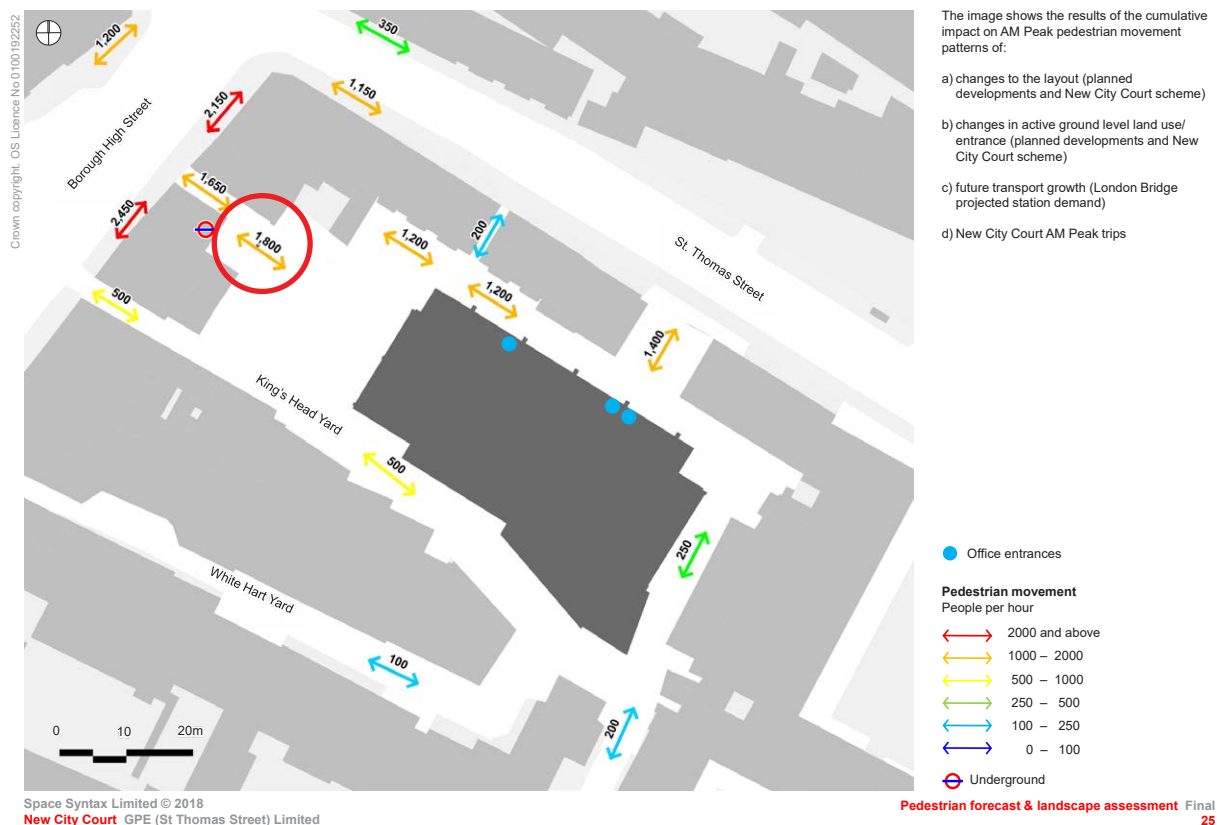


Fig. 1: p.25 (CDA.23) Pedestrian movement 2031 Future baseline with New City Court AM Peak (2018 Scheme)

Pedestrian demand analysis New City Court office trips distribution

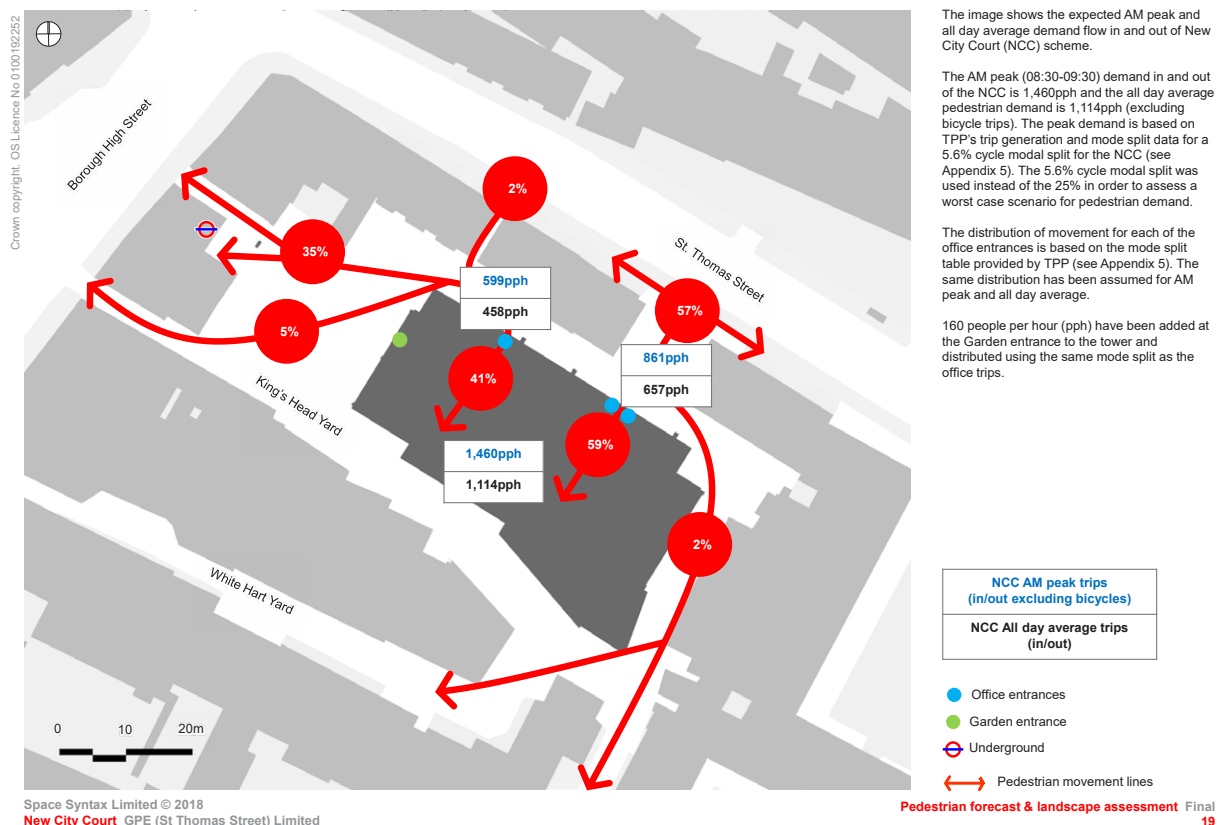


Fig. 2: p.19 (CDA.23) Pedestrian demand analysis New City Court office trips distribution (2018 Scheme)

3.0 2021 Scheme

3.1 Space Syntax report CDB.22 includes a summary page on the predicted pedestrian movement around and across the proposed new public realm of the 2021 Scheme - for a Future 2031 baseline. As Figure 3 (below), this indicate that **1,950** pedestrians per hour (pph) in the 'AM peak' are anticipated to use the new London Bridge Station entrance and use the new proposed public realm (figure circled red in Fig. 3).

3.2 As Figure 4 (next page), on page 15 of CDB.22, Space Syntax set out the number of building users predicted to arrive at the 2021 Scheme office during the 'AM Peak' excluding bicycles. Of the total 1,213 pph building users, 48% are predicted to use the Tube Station entrance, by calculation this is **582** pph.

3.3 Given that the total users of the new Tube Station entrance are 1,950 pph (as Fig. 3), and that 582 pph are NCC users, this proportion can be expressed as a percentage (**29.9%**). That means that the remaining [**70.1%**] are not users of the building and are using the public realm as part of their wider journey.

Pedestrian movement 2031 Future baseline with New City Court AM Peak

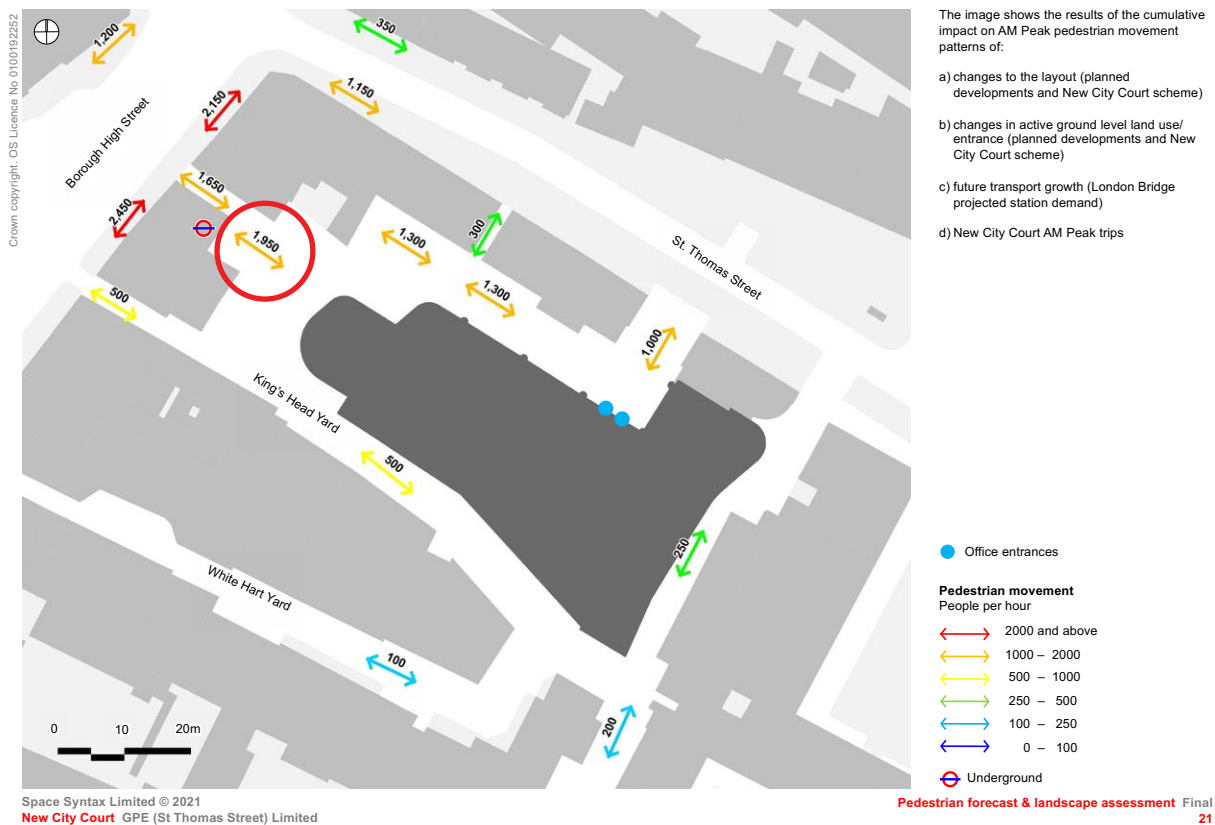


Fig. 3: p.21 (CBD.22) Pedestrian movement 2031 Future baseline with New City Court AM Peak (2021 Scheme)

Pedestrian demand analysis New City Court office trips distribution

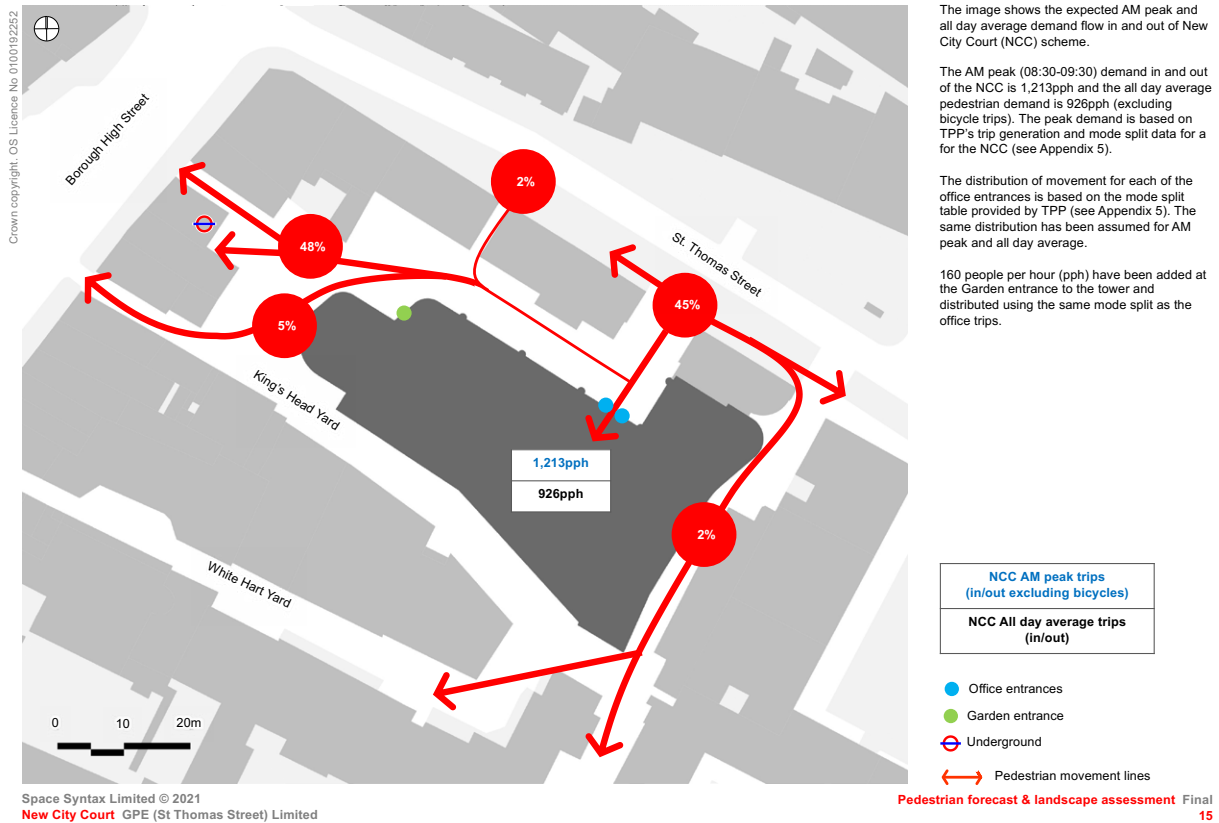


Fig. 4: p.15 (CDB.22) Pedestrian demand analysis New City Court office trips distribution (2021 Scheme)