

Appendix 3-8

Phasing Construction During Site Formation Stage

Appendix 3-8 Details of Phasing Construction During Site Formation Stage of the Project Site

Currently, the Project Site is a green field site and the whole Project Site is covered by grass. During the construction phase, construction works will be carried out in phases and the grass land at the unaffected area will be maintained so that the soil underneath is not exposed to the atmosphere (i.e. there will be no wind erosion).

In order to minimise dust emission during site formation, it is expected that the Southern Portion and Northern Portion of the Project Site will be constructed in phases. The works area will be divided into different sub-zones, and there will be only one zone under construction in any one time. As mentioned above, the Project Site is currently a green field site, as such, the construction works within the sub-zone will be only emission source as remaining area of the Project Site is covered by grass and will not be affected (i.e. no dust emission for the remaining areas). Once construction for a zone is completed, the works area will be compacted, covered by tarpaulin sheet and hydroseeded before construction of another zone. Watering will also be applied on regular basis. Thus, there will be no cumulative construction impacts.

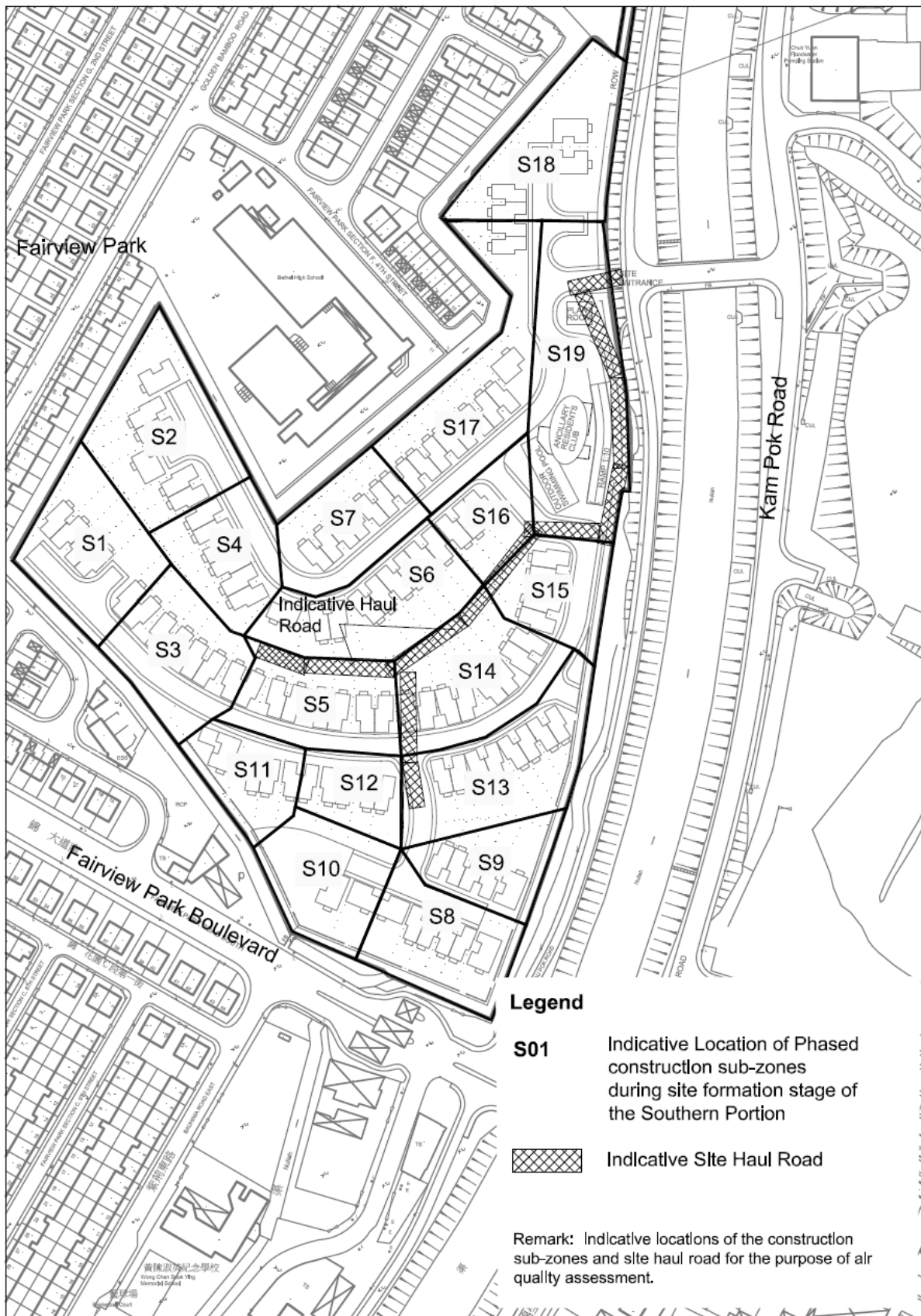
The indicative locations of the phasing plan adopted and haul roads, based on information from the Project proponent and Engineer, are shown in the following phasing plans for the purpose of air quality assessment.

According to the current construction programme shown in Appendix 1-1. The site formation for the Southern Portion will commence in November 2017 until half of June 2018. The site formation works for the Southern Portion and the Northern Portion of the Project Site will require a construction period of about 7.5 months, respectively. For the Northern Portion, the site formation works will be undertaken between second half of June 2018 and January 2019.

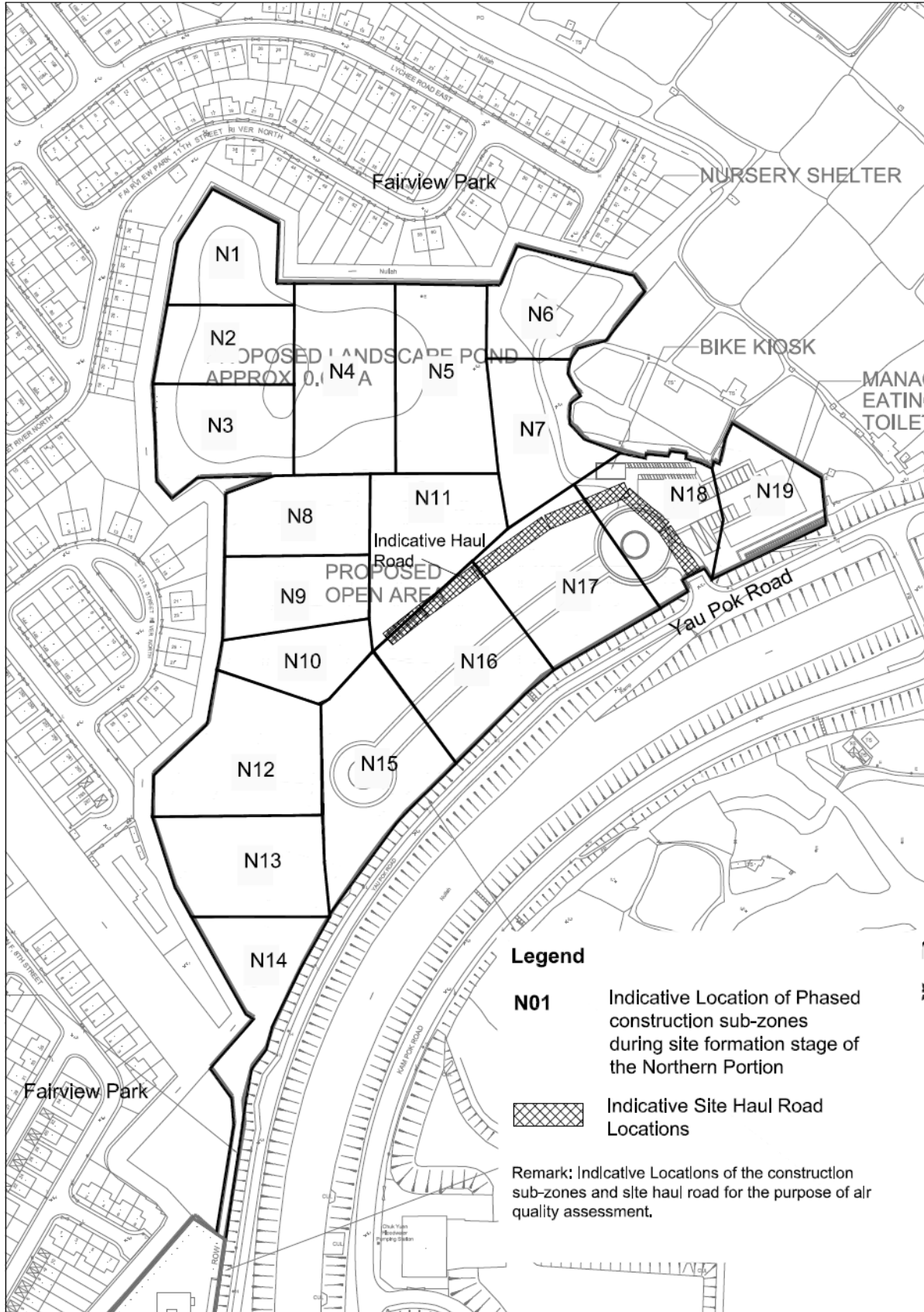
Accordingly, it is estimated that construction at each construction zone will take an average of about 12 calendar days to complete, which has also been adopted in the air quality assessment.

The site formation of the Southern Portion will last for about 7.5 months, after that the site will be hard paved and there is no significant air quality impact anticipated at the site. Thus, in assessing the short-term impact (i.e. hourly and daily), it is based on 7.5 months' construction period. For the long-term impact (i.e. annually), there will be no contribution to RSP and PM_{2.5} levels due to the Project works for the remaining 4.5 months during the year, thus only background level is taken into account during this period of time.

Similar assumption has also been assumed for assessing the short term and long term impact for the site formation works in the Northern Portion.



Indicative Phasing Plan During Site Formation Stage of the Southern Portion of Project Site



Indicative Phasing Plan During Site Formation Stage of the Northern Portion of Project Site