1. Bored pile shall be installed at the location shown on the relevant project drawings. The
founding material shall be assessed and confirmed on site by an experienced
geotechnical engineer (RPE) appointed by the contractor.

2. The embedment lengths, ‘l’, shown in the table are based on the assumption that there are no
trenches or pits adjacent to the bored pile. If there are such excavations within a radius of 5m
from the centre of the pile, the embedment lengths shown in the table shall be increased by an
amount equal to the depth of the excavation unless advised otherwise by the designer.

3. If permanent liners are used to install the bored pile, the embedment depth shall be
measured from the bottom of the steel liner.

4. Contractor is required to carry out a bore hole investigation at each site to assess properties of
the founding materials. The depth of the bored hole shall be at least equal to the embedment
depth of the pile.

5. The design parameters shown are for cohesive type soils only. If cohesionless soil or soils
having undrained cohesion values less than 50kPa are encountered at site, the contractor
shall notify and seek advice from the designer before proceeding with works. The notification
shall accompany bore hole logs obtained for the relevant site.

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**Structural Design Certification**

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**Notes**

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