

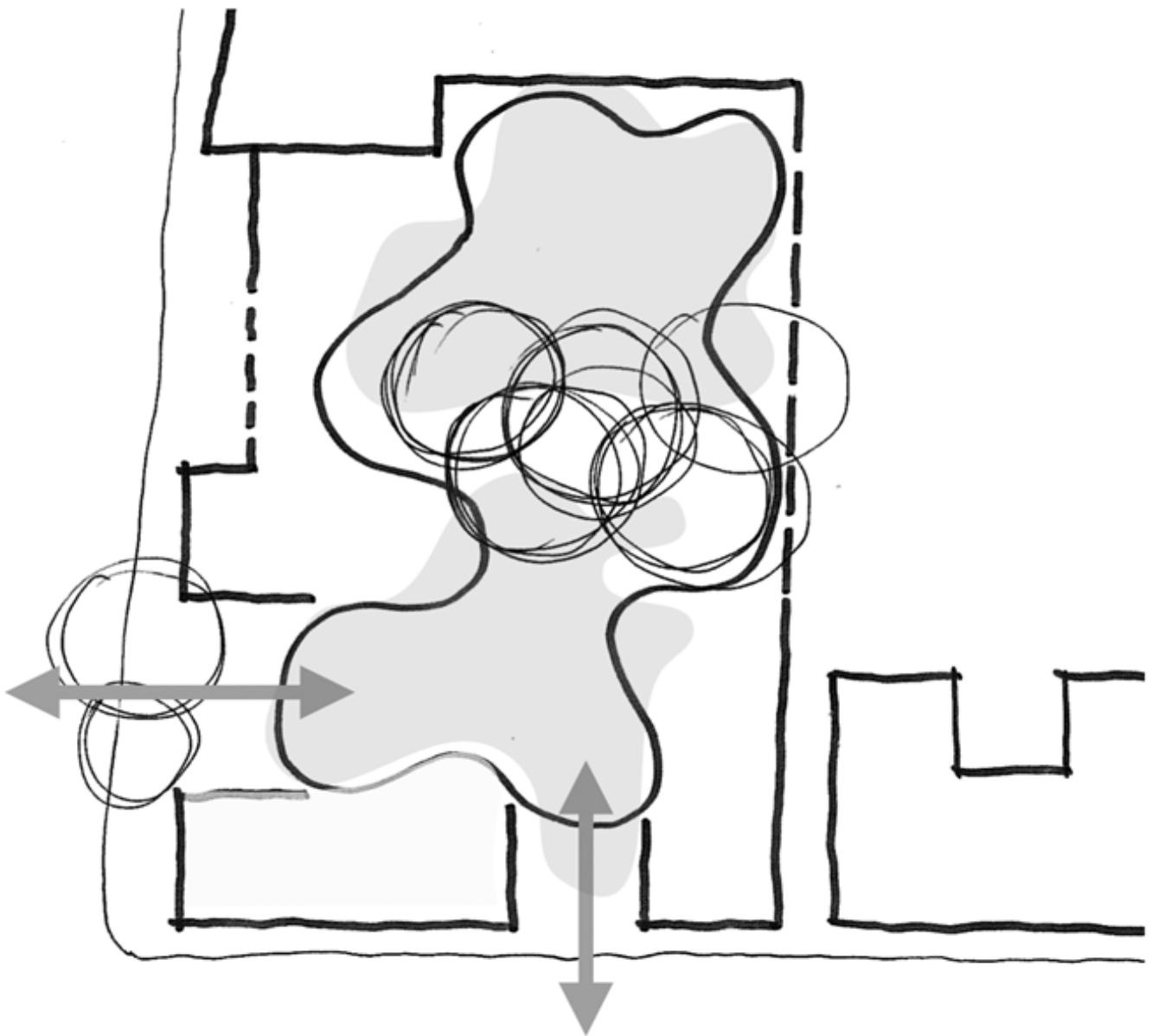
DARLINGTON PUBLIC SCHOOL REDEVELOPMENT

Appendix HH — Electrical and Telecommunications Statement

SSD-9914

Prepared by Stantec

For NSW Department of Education



Enquiries: Peter Mizza
Project No: 44065

To: Brooke Matthews, FJMT

From: Peter Mizza

Date: 23 March 2020

Subject: Darlington Public School - Electrical Services SSSA

The site will be fed from a new 400V low voltage power supply of 400A from the Ausgrid substation on Darlington Lane. The power supply will be fed to a pillar on the north western corner of the site. An application has been sent and an offer received from Ausgrid for the connection. The power supply works will be carried out by a Level 1 ASP contractor within the Early Works phase of the construction program. During the Early Works and Stage 1, the existing power supply to the school will be retained until Stage 2 construction commences.

The incoming power supply will feed a new main switchboard constructed in Stage 1 of the construction program. This main switchboard will feed the other distribution boards throughout the site installed in Stage 1. The distribution boards in Stage 2 will be fed from the main switchboard, to be installed through the conduits provided in Stage 1.

The site communications shall be fed from the existing NBN and other fibre infrastructure installed along Golden Grove Street. A new main communications room shall be established within the Library and Admin building where a new lead-in cable be supplied. The existing incoming communications will remain in place to service the existing school areas until Stage 2 construction commences, when the new communications connection will supply the whole school.

The site shall be provided with external lighting. The lighting shall comply with the EFSG requirements and AS4282:1997.

