



0221 Site Preparation

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Table of contents

0221 Site Preparation..... 0

 Table of contents.....1

 List of tables1

 List of figures1

 00 Design principles.....2

 0.01 Main considerations2

 Specification2

 01 General.....2

 02 Product2

 03 Execution.....2

 3.8 Tree Protection2

 3.11 Site Clearing3

 3.19 Substation Site3

 04 Selections.....3

List of tables

No table of figures entries found.

List of figures

No table of figures entries found.

00 Design principles

0.01 Main considerations

It is a requirement to undertake the [00 PLANNING AND DESIGN/0001R - DESIGN REFERENCE](#) and [GLOSSARY OF TERMS](#) information into all aspects of design, detailing and delivery when developing the content here within. Clear demonstration of adherence to these requirements is part of the services and will be called upon at key points in the project and during at the discretion of the Department of Education (DoE).

Specification

01 General

As per current NATSPEC.

02 Product

As per current NATSPEC.

03 Execution

As per current NATSPEC except as follows:

3.8 Tree Protection

Work near trees

GUIDE NOTE: Delete subclause “Backfilling” nominated in NATSPEC, building template/work section and include the following:

Backfilling: Backfill to excavations around tree roots with topsoil mixture as specified in [02 SITE, URBAN AND OPEN SPACES/ 0251 LANDSCAPE – SOILS](#). Add fertilizer at the rate specified in [02 SITE, URBAN AND OPEN SPACES/ 0251 LANDSCAPE – SOILS](#). Place the backfill in layers, each of 300 mm maximum depth, compacted to a dry density similar to that of the original or surrounding soil. Do not backfill around tree trunks or over root zone to a height above the original ground surface unless approved. Immediately after backfilling, thoroughly water the root zone surrounding the tree.

3.11 Site Clearing

Clearing and grubbing

GUIDE NOTE: Include the following paragraph.

Surface Layer: Remove the surface layer of the natural ground. Keep topsoil removal to a minimum.

3.19 Substation Site

GUIDE NOTE: Include this clause when applicable.

Requirement

Clear the area indicated for the location of the sub-station easement in accordance with **3.11 Site Clearing** above, providing a satisfactory excavatable site, free of all services and obstructions which could interfere with the installation of an earthing electrode which may extend to a depth of 10m or more.

Levelling

Level the site by removal of topsoil and/or filling and suitable compaction. Any filling material shall be clean, stable and reasonably fine. Where the site is cut into a slope, provide retention of the bank and the diversion of all surface water from the sub-station.

Carry out all work to the satisfaction of the local supply authority.

04 Selections

As per current NATSPEC.