

TECHNICAL NOTE

JBA Project Code 2025s0768
Project Title Stourhead
Subject Buildability Statement
Client National Trust

JBA

Document control

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Revision	Description	Date	Originated	Checked	Approved

1 Introduction

This document provides a brief description of the proposed works and the designers' assumed construction methodology for Garden Lake works. This document accompanies the Designers' Risk Assessment (Ref. PXG-JBA-00-GL-RR-Z-5001) and should be read in conjunction with it the following Drawings and Documents:

- PXG-JBA-00-GL-DR-Z-5000-GardenLakeRedLineBoundary
- PXG-JBA-00-GL-DR-Z-5001-GardenLakeGeneralArrangement
- PXG-JBA-00-GL-DR-Z-5002-GardenLakeSections
- PXG-JBA-00-GL-DR-Z-5010-GardenLakeHazardsAndConstraintsPlan
- PXG-JBA-00-GL-SP-Z-5001-Garden_Lake_Works_Specification
- PXG-JBA-00-GL-RP-Z-5003-Garden_Lake_Pre_Construction_Information
- PXG-JBA-00-GL-OM-Z-5001-Garden_Lake_Operation_and_Maintenance_Statement
- PXG-JBA-00-GL-RP-GT-5001-Garden_Lake_Geotechnical_Design_Report
- PXG-JBA-00-GL-RP-EN-4002-Garden_Lake_Arbicultural_Impact_Assessment
- PXG-JBA-00-GL-DR-EN-4003-Garden_Lake_Tree_Protection_Plans
- PXG-JBA-00-00-RP-EN-4002-GCN_Precautionary_Working_Method
- PXG-JBA-00-GL-RP-EN-4001-Garden_Lake_Preliminary_Ecological_Appraisal_and_Ecological_Impact_Assessment
- PXG-JBA-00-GL-RP-EN-4003-Invasive_NonNative_Species_Management_Plan
- PXG-JBA-00-GL-RP-HE-4001-Heritage_Impact_Assessment
- PXG-JBA-00-GL-DR-L-4002-Garden_Lake_Working_Area_Restoration_Plan
- PXG-JBA-00-GL-DR-L-4003-Garden_Lake_Working_Area_Planting_Plan

2 Construction Activities

The proposed works will include the following key activities:

Site establishment

- Setting up site compound.
- Erect temporary fencing to working area.
- Removal and retention of Iron Railings in site compound.

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- Removal of all marked up trees and vegetation – material arising from clearance to be dealt with according to the PXG-JBA-00-GL-SP-Z-5001 & PXG-JBA-00-GL-RP-EN-4003.
- Setting up track matting to gain machine access to work areas.
- Delivery of site materials (i.e. sheet piles) & plant.

Sheet Piling

- Topsoil strip & transport to stockpile.
- Concrete path breakout and recycled.
- Construction of working platform using imported stone and geotextile.
- Transportation of sheet piles to working area and application of sealant.
- Installation of sheet piles using a 14-tonne excavator mounted Movax.
- Inspection and survey of sheet piling.
- Placement & compaction of Type 1A fill and Type 1A1 fill in location of former concrete path.
- Reinstatement of Topsoil over sheet piles.
- Grass seeding.
- Removal of working platform and disposal off site.

Earthworks Remediation

- Topsoil strip & transport to stockpile.
- Excavation of sinkhole to either base of sinkhole or level of gravel path – to be determined on site. Using an 8-tonne excavator.
- Benched and backfilled
- Topsoil placement
- Grass seeding.

Demobilisation

- Survey of entire site.
- Removal of any temporary works (i.e., working platform & removal of existing Geosynthetic Clay Liner (GCL) and associated stone. Associated stone to be stockpiled for re-use by the National Trust.
- Reinstatement of Iron Railings.
- Collection of plant and materials
- Removal of temporary fencing
- Removal of site compound
- Site compound reinstatement & landscaping.