

THAMES VALLEY SCHOOL. CONSTRUCTION METHOD STATEMENT
DOCUMENT REFERENCE 117 02 14

1. INTRODUCTION

The replacement fencing works is planned to be undertaken during the summer vacation 2019 when the pupils are on holiday and the staff car park is unused. The works are anticipated to be completed by 30st August 2019 and with a construction period of around 4 weeks.

The fence is proposed to be 3 m high replacing the existing 2 m high mesh fence with post holes at the same spacing as existing and utilising the same post footing locations.

The securimesh fencing design is shown in drawing 117 02 11.

Posts are proposed to be 80 x 60 mm section and 3800 mm long to allow an over length of 800 mm deep embedment.

Adjacent to the boundary of the fence there are 14 trees (ref ID nos 1-14) all of which have Tree Preservation Orders. See Plan reference WCM/SSR/DS/SC/TVS/TSP/1 submitted with the planning application.

Tree Preservation Order ref 33/13 includes all trees with the school boundary whatever species.

The development proposals are based on the primary assumption that there is no disturbance within the RPA's of the retained trees. Of the 14 trees along the boundary of the site, 3 trees were identified as being category B and the remaining 11 being Category C. The majority of the trees are plantings associated with the earlier development of the site with trees around 30 years old. See Tree Survey Schedule submitted with the planning application.

The authorised NAS client manager shall be given prior notice by the contractor in the event that the specified works are required to be varied or unforeseen works are identified during construction; and including any tree work.

The client's Arborist contact details are:

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2. SITE AREA FOR STORAGE AND CONTRACTOR PARKING

The existing staff and visitor parking areas will be available to the contractor with access along Conwy Close. Deliveries will be taken through the existing gated access to the south west of the school grounds. The designated contractor parking and storage area is shown delineated by a green line and pink solid on drawing reference 117 02 13. The area corresponds with the existing hard surfaced staff and visitor car park.

No parking or storage will be allowed outside the designated area.

3. SPECIFICATION FOR CANOPY LIFTING

The object of this work is solely to increase the distance between the top of the proposed fence and the lowest branch thereby allowing the fixing of 3 m mesh fence panels. For some trees this minimum work shall entail the removal of the lower branches from the main stem or branch system up to a specified height of 3.2 m from ground level and only where branches overhanging the fence line. All branches shall be removed to leave a branch collar.

Works to be undertaken after existing fence removed and by a trained and experienced tree surgeon.

At no time shall the Contractor use climbing irons (spikes) when climbing live trees.

Specific tree works identified:

Tree ID 1: (Field Maple) This has several branches which will interfere with the CCTV on the fence post and the over-hanging canopy branches require lifting to 3.2 m above ground level

Tree ID 3: (Lime) The north sector of the tree has several branches over-hanging existing fence and the canopy requires to be lifted to 3.2 m above ground level.

Tree ID 4: (Silver Birch) Three lower branches on the north sector of the tree over-hanging existing fence and the canopy requires to be lifted to 3.2 m above ground level.

Tree ID 6: (Red Oak) Three lower branches on the north sector of the tree over-hanging existing fence and the canopy requires to be lifted to 3.2 m above ground level.

Tree ID 7: (Crab Apple) Multi-stemmed mature tree and over-hanging branch on north sector will need removing and the canopy requires to be lifted to 3.2 m above ground level.

Tree ID 8: (Oak). Semi-mature and small diameter branches on north sector inter twinned with Hornbeam (ID9) and the canopy where overhanging the existing fence requires to be lifted to 3.2 m above ground level.

Tree ID 9: (Hornbeam) Lower branches over-hanging existing fence on north and east sectors and the canopy requires to be lifted to 3.2 m above ground level.

Tree ID 14: (London Plan) Four lower branches over-hanging existing fence and entrance requires to be to be lopped back and canopy lifted to 3.2 m above ground level.

4. SPECIFICATION FOR THE REMOVAL OF EXISTING POST FOOTING AND SETTING OF NEW POST FOOTINGS

The existing post footings are assumed to be set around 770 mm deep and set in designated GEN1 concrete as normally specified Standard BS8500-2 and implemented by the previous fencing contractor when erecting the existing mesh fencing posts.

After the fencing mesh is removed the existing posts to be cut off at ground level and the top of the concrete footing exposed. Extract the below ground concrete footing using a claw attachment to a powered or manual post puller (re www.postpullers.co.uk)

Neatly clean hole to form vertical sides without extending diameter of hole. Deepen hole by 30 mm if necessary to allow new fence posts to be embedded 800 mm; but without cutting through any tree root system. Position and secure post or strut in centre of hole to 800 mm deep and backfill hole with GEN1 or ST2 concrete, well rammed as filling proceeds. Backfill top of hole with excavated or replacement soil, well rammed and consolidated to existing ground level.

David Stirling

15 07 2019