

Root protection plan.

1 Austen Gardens, Hayling Island, PO11 9FF



Map area bounded by: 472418,98951 472508,99041. Produced on 25 January 2021 from the OS National Geographic Database. Reproduction in whole or part is prohibited without the prior permission of Ordnance Survey. © Crown copyright 2021. Supplied by UKPlanningMaps.com a licensed OS partner (100054135). Unique plan reference: b90cuk/563397/763197

As can be seen from the above OS map above there is more than suitable area for storage of all building materials and equipment. The root protection zone is set by the area marked in green and outlined using the red dotted line. This should be marked out using an orange netting and no materials or vehicle access allowed. This is more than sufficient given the already existing hard standing. During construction the clients cars will be parked along the adjoining road to assist construction. Please see below.



The only large tree in the rear garden is mature and has already undergone crown pruning and had invasive root excavation by the neighboring property. Having conducted an extensive survey of this tree I can not see any detriments to its health. This tree has been numbered as 02893. See below.



As can be seen by the plans by the architect, and by my calculations shown in my original report there is very little invasion to the calculated root area of this tree. However, I would recommend that during construction that this root area should be protected against compaction by footfall and any mechanical operations.

Any compaction from the proposed extension foundations can easily be mitigated using 12mm plywood. As these are sold in sheets of 1220mm x 2440 (8x4 foot) These are easy and sufficient for the cause. They should be laid by length toward the tree No. 02893 providing more than sufficient compaction protection for this proposed work. No building materials should be stored in this area, only sufficient for the construction workers to go about their task. All large quantities of bricks, mortar etc. Must be kept on the hard standing at the front of 1 Austen Gardens as advised.



As can be seen the above photograph shows the line of the planned extension. Once the plywood has been laid down to prevent compaction, if any more space is required by the contractors, then the same measures can be followed to increase the working area.

AMMENDED

As requested, I have included further photographs to make my above recommendations clearer to see on the ground. The following photographs show measurements and clear instructions for root protection in the rear garden.



This picture shows the proposed line of the extension with, the plywood protection extending to the left. As can be seen from the next pictures this extends to 8 feet, the length of a single piece of 12mm plywood. These plywood boards should extend from the fence line to the existing slabbed patio at the rear of the property as shown in above and below pictures.



The distance from the proposed extension to tree number 02893 has also been accurately measured as 20 feet as shown below.





Once the plywood boards are in place then along their boundary orange netting can be used to clearly mark out the root protection area. An example of this has already been shown above in this report.

If these recommendations are followed, I can see no reason to deny this planning application.

Ian Lansley.