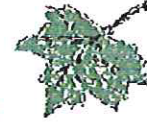




Horticultural Consultant



Contact ~ David Russell
 Ravenhurst, Church Rd, Ravenscar, Scarborough, YO13OLZ



26th November 2012

TREE SURVEY AND ASSESSMENT AT HACKNESS GRANGE HOTEL, HACKNESS, SCARBOROUGH

I have recently inspected a very large mature oak tree at the above site in response to a request from Alan Campbell Architects who had been asked for survey and assessment following submission of plans for an extension to the existing hotel.
 My findings are as given below

SITE ADDRESS Hackness Grange hotel, tree location shown on plan No DER 142/A

TREE SPECIES Quercus robur (English Oak)

HEIGHT 18/19m

CROWN SPREAD 22/24 metres

CLEAR TRUNK 2metres

TRUNK DIAMETER 1.8metres
 (1metre from Ground level)

APPROXIMATE AGE 250/300 years

OVERALL CONDITION Excellent

REMARKS This is an outstanding tree, probably one of the best of its type in North Yorkshire. The tree appears relatively healthy and exhibits good vigour for its age with only a very limited amount of dead wood or dieback evident. The crown is well balanced and although support to one of the branches has been necessary the overall appearance is excellent. In my opinion there is no reason why this tree should not continue to provide outstanding high amenity value for a considerable number of years to come.

ASSESSMENT It is essential that this tree is protected throughout any works which take place on the hotel or its surrounds. Necessary measures to ensure the branch network and root zone are protected should be undertaken when any work takes place in the vicinity. The proposed extension works are shown on plan No 13352/37A, by Alan Campbell Architects. The measures suggested to protect the tree are outlined on the attached Tree Protection schedule and shown on plan No DER142/B.

D.E.Russell



**HACKNESS GRANGE HOTEL, HACKNESS, SCARBOROUGH PROPOSED EXTENSION
TREE PROTECTION MEASURES**

Prior to the commencement of any demolition or construction works protective metal fencing should be erected to the area as shown on plan No DER/142/B. The purpose of this is to ensure that no damage occurs to the branch network or rootzone of the Oak tree numbered 1 on plan. The galvanised metal fence shall be firmly fixed to the ground and remain in place until all construction works are complete.

This fence will create an exclusion zone where none of the following activities will be permitted

- a) No excavation of any kind
- b) No tipping or temporary storage of any materials
- c) No tracking of any type of machinery
- d) No swinging of crane jibs or machinery arms in the air space above the zone.

The development recognises that this tree will remain and will require the passage of normal water levels to the tree root system, and the above measures are intended to ensure this takes place.

Following the construction of an extension to the hotel it is proposed to install some paving to the surrounds which will infringe slightly under the canopy and possibly over the edge of the root zone of the oak tree. In order to ensure no detrimental affect to the tree occurs it is proposed that this paving is built above existing levels and no excavation will be undertaken. The paving will be laid on a base of porous material, which will allow water penetration to the roots of the tree.

DER CONSULTANCY November 2012

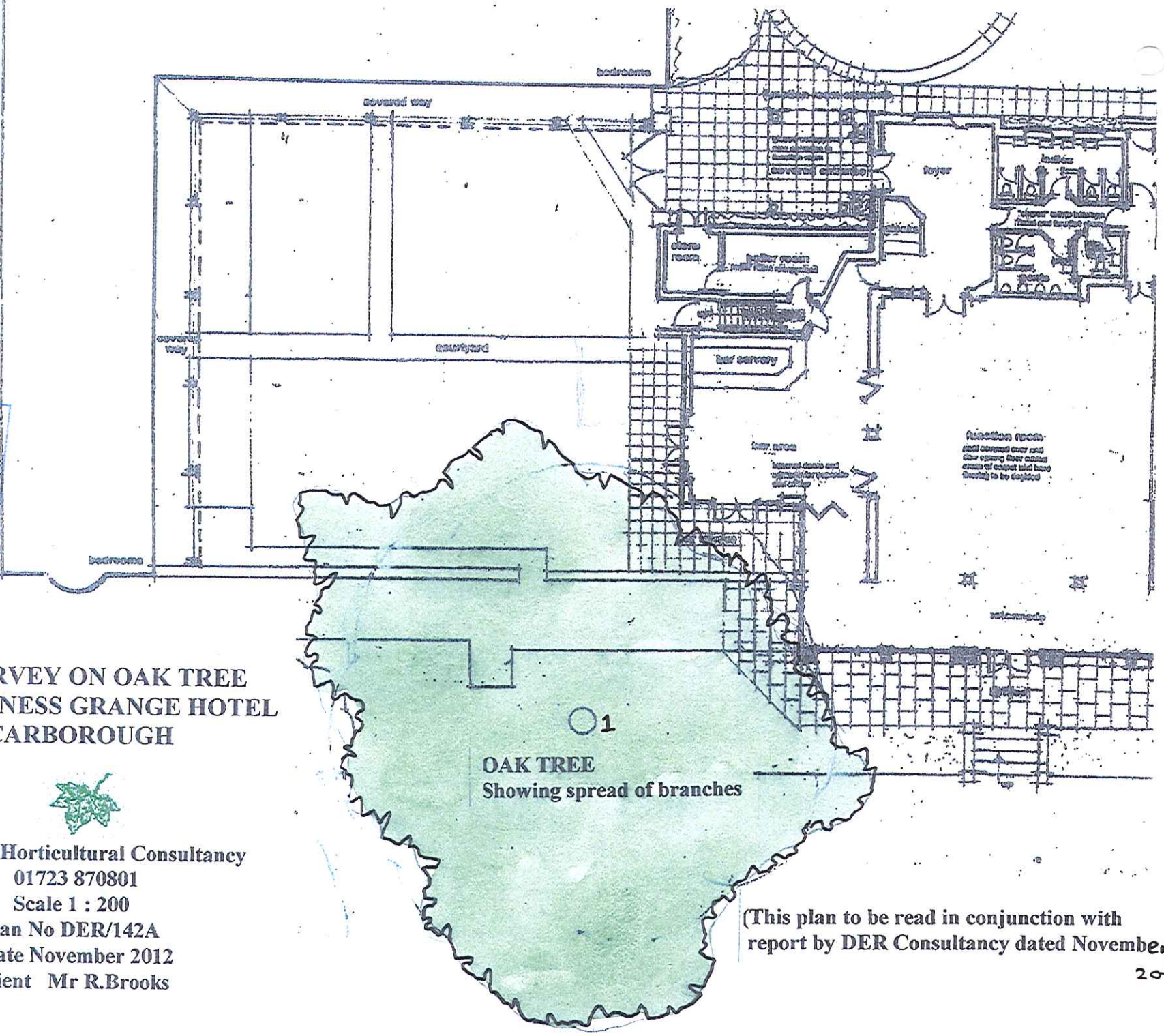
APPROVED
-3 DEC 2012

NYM/12/0810/LB
- 3 DEC 2012

TREE SURVEY ON OAK TREE AT HACKNESS GRANGE HOTEL SCARBOROUGH



D.E.R Horticultural Consultancy
01723 870801
Scale 1 : 200
Plan No DER/142A
Date November 2012
Client Mr R.Brooks



(This plan to be read in conjunction with report by DER Consultancy dated November

NYM / 2012 / 0810 / LB

Galvanised Metal Fencing, Firmly fixed,
To remain in place on edge of tree protection zone
Throughout construction works

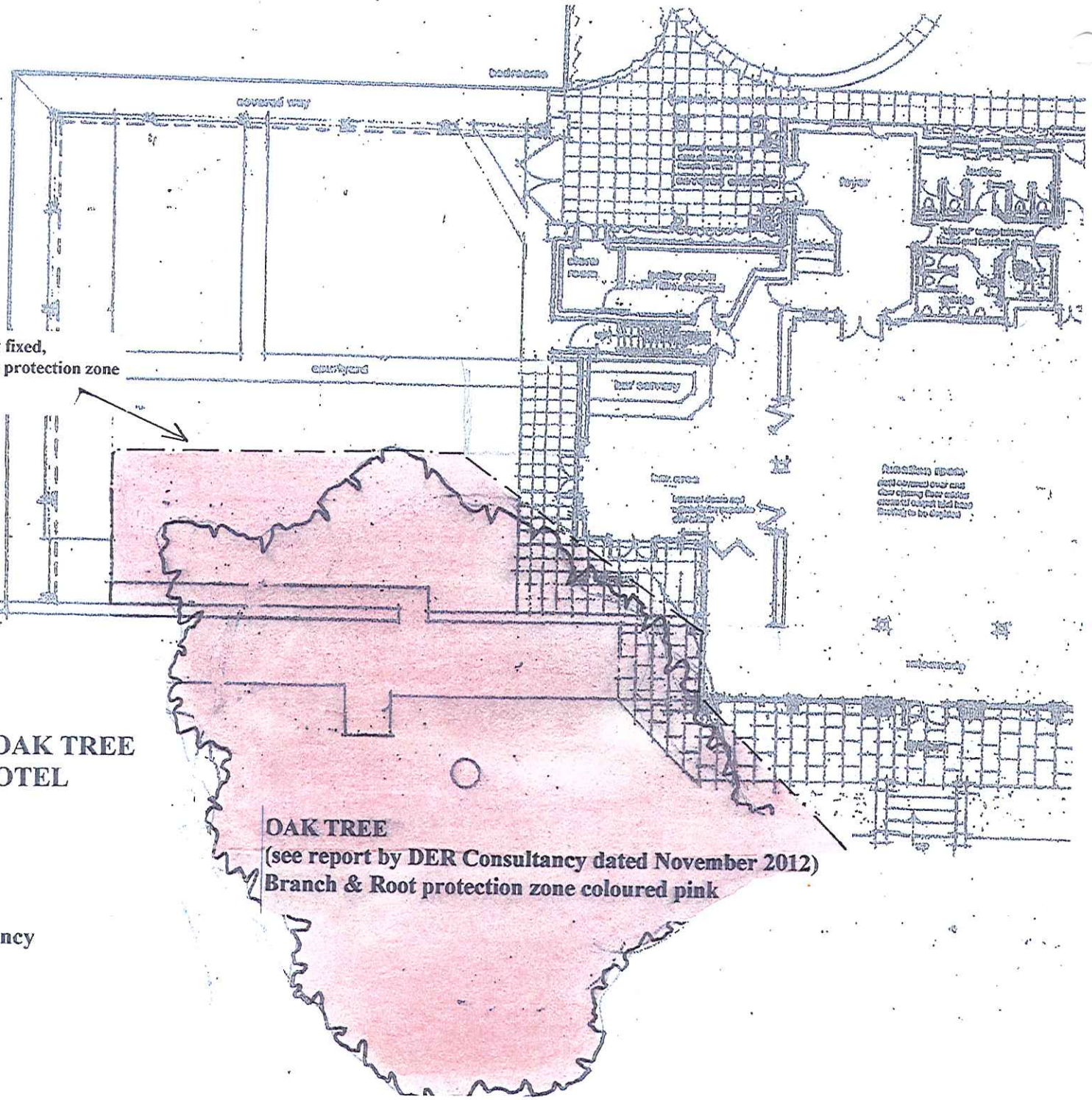
NYM/142/B
- 3 DEC 2012

TREE PROTECTION PLAN FOR OAK TREE AT HACKNESS GRANGE HOTEL SCARBOROUGH



D.E.R Horticultural Consultancy
01723 870801
Scale 1 : 200
Plan No DER/142/B
Date November 2012
Client Mr R.Brooks

OAK TREE
(see report by DER Consultancy dated November 2012)
Branch & Root protection zone coloured pink



NYM / 2012 / 0 8 1 0 / L B 4