ERECTION OF SPORTS HALL FACILITY AND RE - ARRANGEMENT OF TENNIS COURTS AT CLITHEROE ROYAL GRAMMAR SCHOOL

320120277P

PLANNING, DESIGN AND ACCESS STATEMENT

on behalf of

Clitheroe Royal Grammar School

prepared by

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March 2012

Ref. C/3330

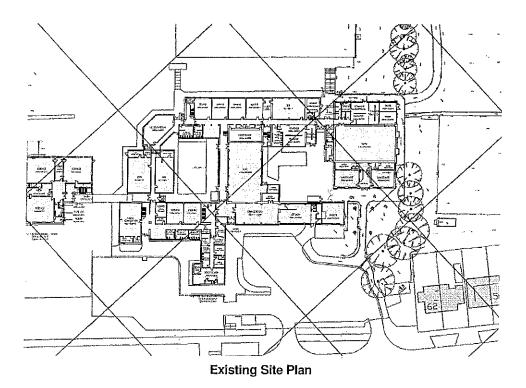
1.0 INTRODUCTION

- This Planning, Design and Access Statement has been prepared on behalf of the Clitheroe Royal Grammar School, to accompany a planning application for the erection of a new sports hall and re-orientation of existing tennis courts.
- 1.2 With a few notable exceptions, planning applications submitted after 10 August 2006 are required to be accompanied by a design and access statement. There is no set format for the statement but this submission follows the general guidance for the preparation of such statements (CABE, March 2010).
- This statement describes the site and its surroundings before setting out the planning policy context under which the application should be considered. The design proposals, solutions and planning merits are then examined. The conclusion is reached that the development conforms with planning policy and that there are no material considerations which indicate that planning permission should not be granted.

2.0 SITE CONTEXT

2.1 Site location

- 2 1.1 Clitheroe Royal Grammar School is located to the north of Clitheroe town centre to the east of Chatburn Road. It is situated within a predominantly residential area and is bounded to the east by the schools playing fields and an area of woodland.
- 2 1.2 The application site lies to the south of the existing school buildings, adjacent to a modern building which houses the schools languages department and existing gymnasium. The proposed development will be situated on an area of land which in part is currently taken up by the schools existing 4 no concrete tennis courts.
- 2.1.3 Access to the school is via Chatburn Road leading to both turning, and car parking areas.



2.2 Planning History

2 2.1 An internet based search has revealed the following planning history:

3/1992/0471

2 2.2 Planning permission was granted erection of a single storey flat roof classroom unit on 9th September 1992.

3/1994/0200

2.2.3 Planning permission was refused on 21st June 1994 for an additional driveway / entrance to serve existing hardstanding area to provide parking facilities for out of school activities.

3/1995/0012

2.2.4 Planning permission was granted on 27th April 1995 for an additional driveway / entrance to serve existing hardstanding area.

2.3 Background

- 2.3.1 This application demonstrates the schools on-going commitment to improving its facilities which has become more difficult since the scrapping of the Building schools for the Future (BSF) programme in July 2010.
- 2.3.2 However the school is now applying for Academy Capital Maintenance Funding (ACMF) in order to support its future works, in addition to other fundraising schemes. One potential funding source also being explored is the release of surplus school land for other purposes. The applicant is participating in on-going discussion with the Council regarding future options for some school land which may be sold to fund the Sports Hall, should other funding sources not provide sufficient revenue.
- 2.3.3 The above measures demonstrate both the schools commitment to improvement works and in securing the necessary capital for these works to be undertaken

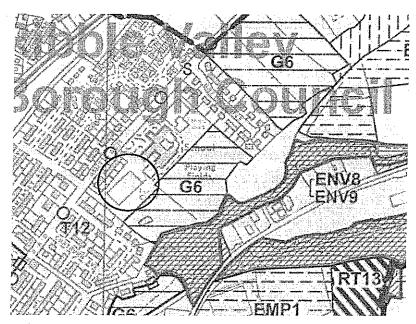
3.0 PLANNING POLICY

3.1 Planning Policy Context

3.1.1 The statutory development plan for the application site consists of 'saved' policies in the Ribble Valley Districtwide Local Plan (1998). Section 38[6] of the Planning and Compulsory Purchase Act 2004 requires that when determining planning applications, local planning authorities must determine the application in accordance with the development plan unless material considerations indicate otherwise.

3.2 Designation

3.2.1 An extract from the Ribble Valley Districtwide Local Plan Proposals map is included below. The site lies within the development boundary of Clitheroe. However, there are no specific designations applicable to it. The schools open plays fields to the east are covered by Policy G6. However the application site does not intrude into this area.



Extract from Ribble Valley Local Plan Proposals Map (Application site marked in red)

3.3 National Planning Guidance

- 3.3.1 The Town and Country Planning (Development Management Procedure) (England) Order 2010 (DMPO) provides the following definition of a playing field in Paragraph (k) as:
 - i) "playing field" means the whole of a site which encompasses at least one playing pitch;
 - ii) "playing pitch" means a delineated area which, together with any run-off area, is of 0.2 hectares of more, and which is used for association football, American football, rugby, cricket, hockey, lacrosse, rounders, baseball, softball, Australian football, Gaelic football, shinty, hurling, polo or cycle polo.
- 3.3.2 As an existing tennis court, the site therefore does not constitute a playing field as defined in the DMPO.
- 3.3.3 PPG17 Planning for open space, sport and recreation (2002) sets out the Government's priorities for open spaces, sport and recreation PPG17 states [para 20.] that:

In identifying where to locate new areas of open space, sports and recreational facilities, local authorities should:

- Promote accessibility by walking, cycling and public transport, and ensure that facilities are accessible for people with disabilities;
- Locate more intensive recreational uses in sites where they can contribute to town centre vitality and viability;
- Avoid any significant loss of amenity to residents, neighbouring uses or biodiversity,
- Improve the quality of public realm through good design;
- Look to provide areas of open space in commercial and industrial areas;
- Add to and enhance the range and quality of existing facilities;
- Carefully consider security and personal safety, especially for children;
- Meet the regeneration needs of areas, using brownfield in preference to greenfield sites;
- Consider the scope for using any surplus land for open space, sport or recreational use, weighing this against alternative uses;

- Assess the impact of new facilities on social inclusion, and
- Consider the recreational needs of visitors and tourists.
- 3 3.4 PPS1 Delivering Sustainable Development (2005) promotes high quality inclusive design in the layout of new developments and individual buildings in terms of function and impact, not just for the short term but over the lifetime of the development.
- PPG13 Transport (2011) has the objective of delivering a safe, efficient and integrated transport system to support a strong and prosperous economy. A key planning objective is to ensure that jobs, shopping, leisure facilities and services are accessible by public transport, walking and cycling. It states that this is important for all, but especially for those who do not have regular use of a car, and to promote social inclusion.

3.4 Local Planning Policy

3.4.1 The site lies within the development boundary of Clitheroe. However there are no site specific designations applicable to the site. The following 'saved' policies of the Ribble Valley Districtwide Local Plan (1998) are therefore relevant to the application:

Policy G1

3.4.2 Policy G1 requires all development proposals to provide a high standard of building design and landscape quality.

Policy G2

- 3.4.3 Within the plan area developments will be mainly directed towards land within the main settlement boundaries. These are defined on the proposals map. The following scale of development will be approved:
 - Clitheroe consolidation and expansion of development and rounding off development. In all cases this must be on sites wholly within the settlement boundary and must be appropriate to the town's size and form.

Policy G6: Essential Open Spaces

3.4.4 Development will not be permitted on land which is designated as essential open space on the Proposals Map unless it does not compromise the visual quality and value of general openness or the recreational value of the site or unless warranted by overriding material considerations in the public interest.

3.5 Conclusion

3.5.1 Planning Policy supports the sustainable used of previously developed land within existing urban areas. Proposals for outdoor and indoor sports facilities will be supported. Any such development should be compatible with surrounding land uses and be of an appropriate design.

4.0 PLANNING MERITS

- The starting point for the consideration of this application is the development plan and the policies contained there in. The application should be determined in accordance with the development plan unless material considerations indicate otherwise. In this case it is considered that there are no overwhelming material considerations that indicate that the application should be determined other than in accordance with the strict policies of the development plan.
- The proposed development site is currently used (in part) as an all weather concrete tennis court. As such it is not classed as a playing field in the DMPO. Therefore this application does not seek to replace an existing playing field, but simply improve upon and re-organise the schools existing sports facilities.



Aerial photograph of site

- 4.3 The majority of the schools existing sports facilities are located to the rear of the school, and east of the school buildings. These consist of a number of outdoor grassed playing pitches, in addition to the 4 no. concrete tennis courts to the south, and a small indoor gymnasium behind the languages block.
- 4.4 For some time the school has lacked the type of quality indoor sports facilities expected by its pupils and parents. The proposed development is therefore urgently needed to support a wider range of sporting activities for existing and future pupils attending the school. Improved

facilities would enable the school to offer a more diverse range of sports and activities to all pupils throughout the year, particularly during the winter months; this would in turn increase sports participation rates and positively impact upon pupil's health and general wellbeing.

- The proposals consists of the development of a high quality new sports hall and reorientation of existing tennis courts. The sports hall will facilitate a wider range of indoor sporting activities including 5-a-side football, tennis, mini-tennis, badminton, netball and a basketball court or cricket practise nets.
- In terms of policy guidance, the principle of development is supported at national level through PPG17. As discussed, tennis courts are not classified as 'playing field' land within the DMPO, therefore building upon these is acceptable. In any case the tennis courts will be retained; simply being moved further south and rotated within the site. Furthermore the addition of a new sports hall will greatly improve the provision of sports facilities offered by the school.
- As such the principle of the proposed development is fully consistent with national guidance.

 Therefore the development should be considered against site specific and local planning policy guidance set out in the Districtwide Ribble Valley Local Plan.
- In this respect the only relevant policies are G1 and G2. Policy G6 has been listed for reference as the application falls adjacent to an area of 'essential open space', however the development will not affect this area.
- In accordance with Policy G2 the site is within the development boundary of Clitheroe and is appropriate in scale to the surrounding development. In respect of Policy G1, the design is of a high quality, as set out in the proceeding section of this statement.

5.0 DESIGN PRINCIPLES AND CONCEPTS

5.1 Key Principles

5 1.1 Based on the site context and broad principles developed above, the following design solutions have been produced.

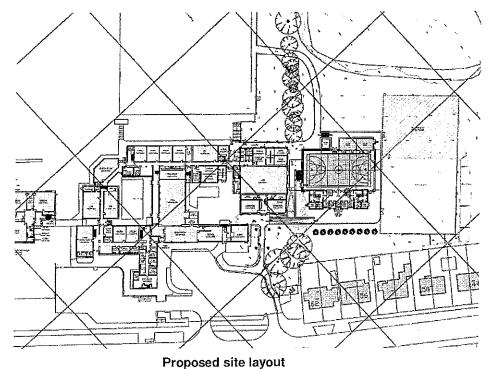
5.2 Amount and use of development

- The scheme is for a new sports hall with a total gross external floorspace of 1,002m². This will increase the total overall floorspace of the school buildings on site from 5,885m² to 6,887m². The proposed works also incorporate 2 no. attached stores to the rear of the building (included within the proposed floorspace) and the re-orientation of existing tennis courts to the south.
- 5.2.2 The sports hall has been designed as a double height space in order to incorporate a large gymnasium at its centre, capable of being utilised for a wide range of sports. The overall amount of proposed floorspace is considered the minimum in order to adequately provide the required facilities for the number of pupils attending the school.
- 5.2.3 The sports hall will be used for a wide range of indoor sporting activities such as 5-a-side football, tennis, mini-tennis, badminton, netball and a basketball court or cricket practise nets.

5.3 Layout

- 5.3.1 The site has been set out to make the most efficient use of space, and continue the existing line of development of school buildings. Access from existing buildings has been a key consideration and in this respect and a covered area will facilitate a smooth transition for pupils and staff between existing and proposed areas.
- 5.3 2 The sports hall has been set out an a general north east to south west axis, with the main double height gymnasium space occupying the majority of the floorspace. To the front elevation a foyer, small officer and changing areas are located. Two storage rooms are located to the rear of the building.

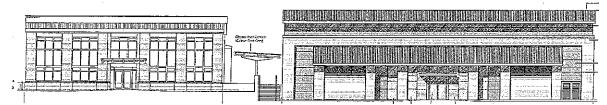
5.3.3 The proposed building is a significant distance from the nearest residential dwellings on Chatburn Road and as such there will be no adverse impacts upon residential amenity.



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5.4 Scale

- 5.4.5 The scale of the development has been determined by the uses required to be accommodated within the scheme, together with the size of the plot and the nature of the surrounding built development.
- The sports hall will rise to a maximum of 12.53 metres in height and is designed with a double height space to enable it to be utilised for a wide range of indoor sporting activities. The height of the building is somewhat offset by the fact that (due to the topography of the land) it shall sit lower than those existing school buildings to the north. Therefore (and as shown in the proposed North West elevation of drawing no. 7999 L116) the building will only appear marginally taller than that adjacent.



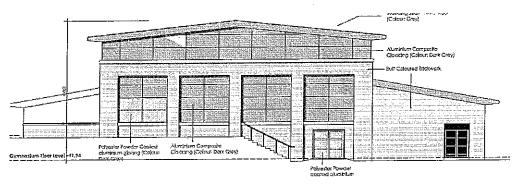
Proposed North West Elevation (existing building to right)

5.5 Landscaping

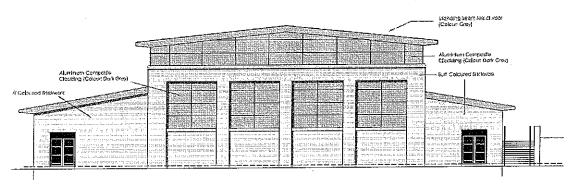
- In order to accommodate the works a number of existing trees shall be removed. These trees are not protected. However as a matter of good practice compensatory planting at a ratio of 3:1 will is proposed to the west of the sports hall.
- 5.5.2 Details of such planting will be secured by condition requiring full details to be submitted before work begins.

5.6 Appearance

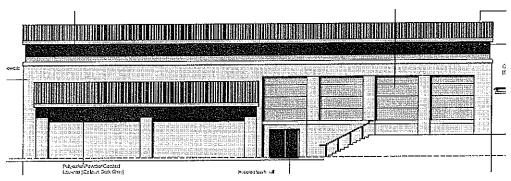
- The design of the sports hall incorporates a range of materials and finishes which allow it to sit comfortably in this location. A mix of buff coloured brickwork, aluminum cladding and galzing form the majority of external wall space. This compliments both the existing school buildings whilst providing a modern building which is fit for use.
- 5.6.2 The principle elevation of the sports hall will face North West towards Chatburn Road and will sit alongside the existing languages building to the north. The entrance incorporates some glazing in order to maximise natural light levels.
- 5.6.3 Two small single storey stores / equipment rooms form part of the rear of the building and are shown in the south east elevation.
- 5.6.4 Access between the purposed building and the existing school site made possible though a combination of steps, ramps and a covered canopy area.



Proposed North East Elevation



Proposed South West Elevation



Proposed South East Elevation

5.7 Flood Risk

5.7.1 As the site falls outside any recognised flood zone and is less than 1 hectare in size, the submission of a Flood Risk Assessment is therefore not required.

6.0 Access

6.1 Access considerations

6.1.1 The access considerations that have been followed in the design of this application are drawn from PPG13, The Regional Spatial Strategy, the South Ribble Local Plan and By Design (DCLG publication). Account has also been taken of the relevant building regulations and the Disability and Equality Act 2010 which has been incorporated, as appropriate, in design of the buildings.

6.2 Access Arrangements

- 62.1 Access to the school is via Chatburn Road, which leads to a turning area and car park.
- This application does not seek permission to alter the existing access arrangements from Chatburn Road, which is considered appropriate to support the sports hall development

7.0 CONCLUSION

- The proposals present an opportunity to provide significantly improved sports facilities for Clitheroe Royal Grammar School. This will enable the school to offer a much wider and more diverse range of sports and activities to pupils throughout the year, complimenting its existing provision. The proposals have been designed to a high standard and developed in response to the context of the surrounding area.
- Accordingly, the development meets all relevant planning policy, design and access criteria and it is considered that planning permission should be granted.

Clitheroe Royal Grammar School

Pre-development Arboricultural Report

Prepared for CASSIDY ASHTON LTD.

On 2 April 2012

By
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Checked by
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Treescapes Consultancy Ltd.

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SUMMARY

Treescapes Consultancy Ltd. have been instructed by Cassidy Ashton Ltd., on behalf of Clitheroe Royal Grammar School (CRGS), to inspect the significant trees that may be affected by proposals to construct a new Sports Hall at the School and reconfigure some sports pitches. We have been asked to provide a pre-development report in which we assess whether or not trees may be affected by the proposals and, if so, the potential level of disturbance and suggest ways the proposals could be implemented to limit this to an acceptable level.

I visited Clitheroe Royal Grammar School on 29 March 2012 Currently the area where it is proposed to construct the Sports Hall and reconfigure some sports pitches is open grass with occasional trees and tennis courts on hard standing

The species, size and condition of the trees, and my tree management recommendations, are listed in the schedule included as Appendix 6. Plan 1 shows the existing site layout, the locations of the trees, their canopies and root protection areas (RPAs) calculated using the guidance contained in the British Standard: Trees in relation to construction — Recommendations (BS 5837, 2005). Plan 2 shows the footprint of the proposed Sports Hall as well as the tree information.

Three trees will have to be removed to allow the implementation of the development proposals. These have been assessed to be in Retention Category C and therefore should not be constraints to development. I also recommend that one tree should be pruned to allow the proposed sports hall to be constructed. Finally, I recommend that three trees, all assessed to be in Retention Category R, should be removed to abate safety concerns.

I recommend that a temporary tree protection barrier should be erected in the locations shown on Plan 3 to protect retained trees from potential damage caused by construction activity

Based on the information presented in this report, and provided that all the technical recommendations contained in it are followed, I consider the proposals can be implemented in accordance with the guidance contained in the British Standard: Trees in relation to construction—Recommendations (BS 5837, 2005).

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1 INTRODUCTION

1.1 Instruction

Treescapes Consultancy Ltd. have been instructed by Cassidy Ashton Ltd., on behalf of Clitheroe Royal Grammar School (CRGS), to inspect the significant trees that may be affected by proposals to construct a new Sports Hall and reconfigure some sports pitches We have been asked to provide a pre-development arboricultural report in which we assess whether or not they may be affected by the proposals and, if so, the potential level of disturbance and suggest ways the proposals could be implemented to limit this to an acceptable level.

1.2 Qualifications and Experience

I am Ross Cannon and this report is based on my site observations and the provided information. My arboricultural experience and qualifications are detailed in Appendix 1.

This report has been checked by Luke Steer and Appendix 2 contains details of his arboricultural experience and qualifications.

1.3 Documents and Provided Information

Cassidy Ashton Ltd supplied us with plans of the existing and proposed site layouts as Autocad files

1.4 Development Proposals

It is proposed to construct a new Sports Hall and reconfigure some sports pitches to the south west of the existing school buildings in an area that is currently open grass and tennis courts. Plan 1 shows the existing site layout and the proposals are shown on Plans 2 and 3

1.5 Report Limitations

This report is only concerned with assessing the condition of the trees and whether or not they may be affected by the proposals to construct a new Sports Hall and reconfigure some sports pitches at CRGS. It includes an assessment based on the site visit and the provided plans.

This report takes no account of whether the trees could affect the soil in the area in such a way as to cause the proposed development, or other structures, to suffer tree related subsidence or heave damage.

This report contains work recommendations that should be carried out to manage identified risks posed to and by the trees responsibly and reduce them to an acceptable level. Even after the recommended work has been carried out some trees could still fail

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but it is unlikely that they will cause significant harm unless the weather conditions are extreme and/or there are major hidden defects

This report does not take into account extreme weather events not normally expected in this locality. Such events could include, but are not restricted to, severe windstorms, floods or drought. This report also does not take into account potential outbreaks of tree pests or diseases.

Operations carried out in the vicinity of the trees, either in the past or future, could affect their health and stability; such operations could include, but are not restricted to, trenches excavated for the installation or repair of utilities

No decay detection equipment was used to help obtain the data presented in this report

2 SITE VISIT AND OBSERVATIONS

2.1 Site Visit

I carried out the site visit on 29 March 2012. All my observations were from ground level without detailed investigations and I estimated all dimensions unless otherwise indicated

The weather at the time of inspection was clear, still and dry, with good visibility

2.2 Site Description

Clitheroe Royal Grammar School (CRGS) is located at Ordnance Survey grid reference SD 7510 4268 and is about 1km to the north-east of Clitheroe town centre.

The main school building fronts on to the A671. There are playing fields and sports pitches to the north-east, south-east and south-west of the main school building. There is a group of trees to the west of the school building that were probably planted at the same time that the school was constructed. There is an older line of trees to the south-west of the school that extends into the south-eastern corner of the site. This older group of trees appears to be the remains of an old hedge with occasional younger trees planted within it

There is an old quarry in the south of the site that has scrub and young trees growing around its perimeter

There are residential properties to the north-east, north-west and south-west of the school grounds.

2.3 Tree Identification and Location

The approximate locations of the significant trees are shown on Plans 1, 2 and 3. These plans were provided by Cassidy Ashton Ltd. and are based on Ordnance Survey plans of the area that have been enhanced with a topographic land survey. We added to this plan the tree numbers, canopies and root protection areas (RPAs).

All tree locations were plotted on the plans provided by Cassidy and Ashton Ltd except Trees 101, 102, the trees in Group 3 and Trees 409 and 4.10. I plotted the locations of these trees using metal tape measures and a laser rangefinder to triangulate them from known features. I am not a professionally qualified Land Surveyor and therefore I cannot guarantee the accuracy of these trees on Plans 1, 2 and 3. However, I believe that they are accurate enough for the purpose of this report.

These plans are for illustrative purposes only and should not be used for directly scaling measurements. All the relevant information on them is contained within this report and the provided documents.

2.4 Tree Observations

I visually inspected the significant trees and groups of trees and information on their species, dimensions and condition, as well as my management recommendations, are included in Appendix 6.

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3 REFERENCES, PLANNING POLICY AND GUIDANCE

3.1 National Policy

Section 197 in the Town and Country Planning Act 1990 makes it the duty of local planning authorities, 'in the interests of amenity,' to protect trees, when granting planning permission, either by the imposition of conditions or serving TPOs Planning Policy Statements (PPS) also provide guidance on the acceptability of proposed development

The newly adopted National Planning Policy Framework (NPPF) may have to be taken into account

3.2 Ribble Valley District wide Local Plan, Adopted June 1998

3.2.1 Landscape Protection Policy ENV13

The Borough Council will refuse development proposals which harm important landscape features including traditional stone walls, ponds, characteristic herb rich meadows and pastures, woodlands, copses, hedgerows and individual trees other than in exceptional circumstances where satisfactory works of mitigation or enhancement would be achieved, including rebuilding, replanting and landscape management.

3.2.2 Supplementary Planning Policy for Trees

Detailed tree survey indicating the following:

- a position of individual trees, woodlands and hedgerows;
- b accurate scale plan, for example 1/200, 1/500 or 1/1250;
- c. species, either common or full botanical name,
- d. dimensions actual or estimated in metres,
- e. crown spread, trunk circumference or diameter;
- f. condition of the trees,
- 2. amenty valuation?

3.3 British Standard: Trees in Relation to Construction – Recommendations (BS 5837, 2005)

The British Standard: Trees in relation to construction – Recommendations (BS 5837, 2005) contains guidance on how to assess trees in or close to proposed development sites and the information that should be included in pre-development arboricultural reports to be submitted with applications for planning consent. Appendix 3 contains relevant extracts from BS 5837 (2005)

4 TREE CONSTRAINTS

4.1 Tree Quality

The retention categories of the trees have been assessed using the guidance contained in Table 1 of BS 5837 (2005). A copy of Table 1 of BS 5837 (2005) is included as Appendix 4. The retention categories of the trees is recorded in the schedule included as Appendix 6 and shown on Plans 1, 2 and 3 by the colours used to depict them:

Green. Category A – a good quality tree that should be retained where possible;

Blue: Category B - a tree of reasonable quality that could be retained;

Grey: Category C - a tree that could be retained for a time but shouldn't be considered a constraint to development; and

Red: Category R – a tree that should be removed unless it is in a little frequented area and it is desired to retain it for wildlife.

4.2 Tree constraints - Above Ground

Plan1 shows the existing site layout, the locations of the trees, their canopies and root protection areas (RPAs). The canopies of retained trees are vertical constraints to development. Pruning in accordance with good arboricultural practice can sometimes provide adequate clearance to implement development proposals

4.3 Tree constraints - Below Ground

Plan1 shows the existing site layout, the locations of the trees, their canopies and root protection areas (RPAs). The RPAs of retained trees are the areas of soil required to maintain healthy growth and should be considered constraints to development.

5 ARBORICULTURAL IMPLICATION ASSESSMENT

5.1 Trees to be Removed to Implement the Proposals

Trees 1.07, 1.08 and 1.09, three Retention Category C hawthorns, will have to be removed to allow the proposals to be implemented.

5.2 Trees to be Pruned to Implement the Proposals

The crown of Tree 2.01, Retention Category B1 lime, may have to be pruned to allow the implementation of the proposals. Limes are tolerant of pruning

5.3 Visual Impact & Amenity Value

Trees 1.07, 1.08 and 1.09, hawthorns will have to be removed to implement the proposals. These trees are relatively small, in poor condition and, if the proposals are not implemented, will probably have to be removed within the next five to ten years. These trees are distant from public places and their loss will not have a significant impact on the visual character of the area. Trees planted after the completion of the development will compensate for the loss of these trees.

I also consider that trees 2.05, 2.09 and 2.13, two ash trees and a hawthorn, are in poor condition and may also have to be removed or pruned within the next one to five years as part of a tree risk management strategy

Other risk abatement tree work will be required in the future

5.4 Site Access

Vehicles and plant operating or parking on unprotected soil within the RPAs of retained trees could compact or contaminate it and this could have a detrimental effect on their condition and longevity

Site access for contractors to carry out the proposed development could be in the western corner of the site. It will pass a number of low quality trees that could be retained for a time

5.5 Storage of Materials and Equipment

Materials, fuel and equipment stored close to trees could have a detrimental effect on their health, condition and longevity if their requirements aren't catered for

6 RECOMMENDATIONS

6.1 General Precautions

The following general precautions should ensure the health and longevity of retained trees. They should be enforced within their RPAs and under their canopies during the construction phase and in locations where new trees are to be established unless the soil is to be suitably remediated.

- No storage of materials or fuel.
- No bonfires within 10m of the outer edge of the crown or RPA of a retained tree.
- No refuelling of mechanical equipment
- No mixing of cement
- No washing of cement mixers
- No raising the soil level without the agreement of the Local Planning Authority (LPA).
- No excavations without the agreement of the LPA
- Only operate or park vehicles and plant if the soil is suitably protected, as recommended by Treescapes Consultancy Ltd and agreed by the LPA
- Only operate or park vehicles and plant in areas where new trees will be
 established if the soil is suitably protected, as recommended by Treescapes
 Consultancy Ltd and agreed by the LPA Alternatively, soil compaction
 should be relieved prior to the establishment of the trees once the
 construction phase has been completed.
- The guidance contained within the National Joint Utilities Group Volume 4 (Guidelines For The Planning, Installation And Maintenance Of Utility Apparatus In Proximity To Trees (Issue 2, 2007); http://www.njug.org.uk/accessed 02/04/2012) should be followed when installing underground services within the RPAs of retained trees
- No surface water runoff should be redirected into or out of the RPA of a retained tree
- No materials should be dumped or stored in the RPA of a tree, whether in a skip or directly on the ground.

6.2 Temporary Tree Protection Barriers

Temporary tree protection barriers should be erected in the locations shown on Plan 3 No plant or vehicles should operate inside the protected areas unless the trees and ground are suitably protected. These barriers must be robust enough to withstand impacts from machinery and plant that will operate close to them. If relatively small plant is to be used I recommend that the barriers should be constructed using:

• 75-100mm diameter, by 1.8m long, wooden posts firmly inserted 300mm into the ground 2m apart;

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- the posts should be spanned by 30mm x 100mm x 2m wooden rails between their tops and bottoms; and
- 1.5m high chestnut paling should be attached to both the top and bottom rails at 300-500mm intervals.

If large machines will operate on site I recommend the barrier design depicted in BS 5837 (2005).

The protective barriers should be erected prior to any other development activity taking place and remain in-situ for the duration of the construction phase

6.3 Poor Quality Trees – Trees in Retention Category 'R'

Using the guidance contained in BS 5837(2005), I have assessed Trees 2.05, 2.09 and 2.13, two ash trees and a hawthorn, to be in retention category R. These trees are in declining health and contain significant mechanical defects. As they are growing in the grounds of a school they may have to be removed to abate safety concerns within the next one to five years

6.4 Constructing the Sports Hall - Tree Work

Some of the lower lateral branches of Tree 201, a lime, are growing towards the proposed sports hall and may have to be pruned to provide sufficient clearance to implement the proposals; I suggest 1-2m

6.5 Constructing the Sports Hall - Tree Work

Trees 1 07, 1 08 and 1 09, three hawthorns, are growing in an area to be developed and will have to be removed to implement the proposals.

6.6 Tree safety work

Tree risk abatement work is listed in Appendix 7 as Category 1 and should be carried out in the timescale indicated by its priority

6.6.1 Tree work priority

The recommended risk abatement work has been prioritised as:

- High priority carry out this work as soon as possible;
- Medium priority this work doesn't need to be carried out straight away but these trees should be inspected every two years and after adverse weather conditions. If it is decided not to carry out this work straight away, I recommend that provision is made in future budgets to have it carried out at a later date.

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• Low priority – this work doesn't need to be carried out straight away but these trees have notable defects that could develop over time. I therefore recommend that they should be inspected every two years and after adverse weather conditions.

6.6.2 Tree work category

- Category 1 work is necessary to manage identified risks posed by the trees and has been prioritised as described above.
- Category 2 work is recommended to establish high levels of arboricultural and silvicultural management and is not necessary to abate safety concerns and therefore hasn't been prioritised

6.6.3 Management options

For some of the trees I have recommended that there are a number of options for managing them. Each option will make the tree safe for the short to medium term but one of the options may suit the management objectives of the site better than the others. Often the final choice of work option depends on the comparative costs of implementing them. I am able to provide tree work pricing sheets that ask prospective contractors for prices for each option. The site manager is then able to make a fully informed decision about which option to choose for managing a particular tree. I can then provide a schedule of work for the chosen management options.

6.7 Implementing the Tree Work

A suitably qualified, competent, experienced, and insured contractor should carry out the recommended tree work. They should carry out their work in accordance with the recommendations contained in the British Standard: Tree Work – Recommendations (BS 3998, 2010)

6.8 Tree Management – Future Inspections

Due to the size of a number of the trees, and their locations within the grounds of a school, I recommend they should be inspected every two years and after strong winds or tree altering weather events by a suitably qualified, experienced and insured Arboricultural Consultant

7 LEGAL CONSIDERATIONS

7.1 Protected Trees

If these trees are protected by a tree preservation order (TPO), located in a conservation area or protected by planning conditions, it will be necessary to obtain permission from the local planning authority (LPA) before any work, other than certain exempted operations, can be carried out to them. The work specified in this report is necessary for their reasonable management and should be acceptable to the LPA but tree owners should appreciate that they may take an alternative point of view and have the option to refuse to grant consent.

I understand that work to trees protected by a TPO, that is necessary to implement consented development, does not require separate permission under the TPO.

7.2 Forestry Legislation

A felling licence is required from the Forestry Commission to fell more than a small amount of timber in any calendar quarter unless the trees fall into one of the exempted categories. Information about felling licences is available from the Forestry Commission website (www.forestry.gov.uk accessed 02/04/2012). A felling licence may be required if more than 2m³ of timber is to be felled and sold, or more than 5m³ is to be removed and used for personal use.

7.3 Wildlife Conservation Legislation

The nests of most birds are legally protected while they are in use. Bats are also legally protected and their roosts are protected whether or not they are in use. Tree surgeons should be aware of their duties under the legislation enacted to protect wildlife and carry out their site assessment and work accordingly. If bats are suspected Natural England should be consulted.

The Forestry Commission and others produced a leaflet called: Woodland Management for Bats (2005) which contains some useful advice and is free to download from: http://www.forestry.gov.uk/forestry/INFD-6K3CXY (accessed 02/04/2012).

On page 14 this publications states:

'The Wildlife and Countryside Act 1981 makes it an offence to disturb, damage or destroy bats or their roosts (even if bats are not present in the roost at the time of any incident). The Act applies in both England and Wales, and requires consultations with the appropriate Statutory Nature Conservation Organisation [Natural England or The Countryside Council for Wales] before earrying out activities which might barm or disturb bats or their roosts (even if unoccupied).'

The Act is amended by the Countryside and Rights of Way Act 2000 in England and Wales. This adds 'reckless' to the offence of damaging or destroying a place a bat uses for shelter or rest, or disturbing a bat while using a roost. Under EU Regulations damaging or destroying a breeding site or resting place is an absolute offence, regardless of whether the act of doing so may be considered reckless or deliberate.'

8 CONCLUSIONS

Based on the above discussions, and provided all the technical recommendations contained in this report are followed, I consider that the proposals can be implemented in accordance with the guidance contained in the British Standard: Trees in relation to construction – Recommendations (BS 5837, 2005)

To implement the proposals I recommend three trees will have to be removed and one pruned

I consider that risk abatement tree work will be required in the next few years on Trees 2.04, 2.05, 2.09 and 2.13 whether or not the proposals are implemented

Ross Cannon ND (Urb.For.), Tech. Cert. (Arbor. A), Tech. Arbor A

Checked by

Luke Steer BSc (Hons), Dip Arb (RFS), F Arbor A. MICFor

9 REFERENCES

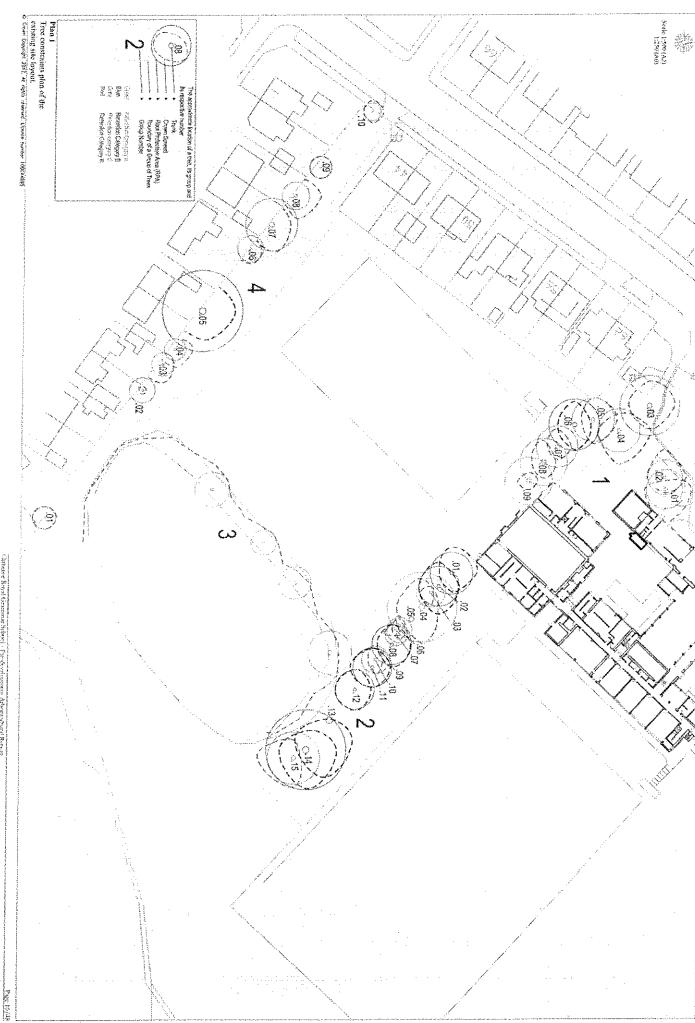
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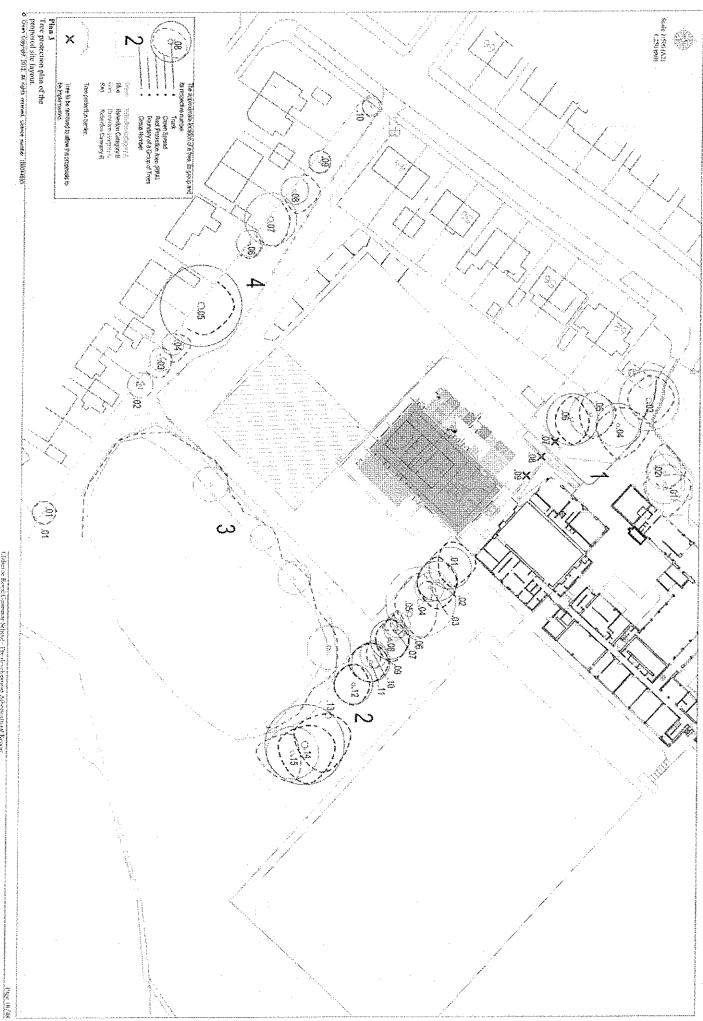
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The Experience and Qualifications of Ross Cannon

1. Qualifications

- Ross Cannon was awarded a National Diploma in Urban Forestry in 2001
- In 2006 Ross Cannon was awarded the Arboricultural Associations Technicians Certificate
- In 2011 Ross Cannon became a Technical Member of the Arboricultural Association

2. Practical experience

Ross has been working and studying within the field of arboriculture since 1999, first as a tree surgeon and latterly in an advisory capacity. Between 2001 and November 2007 Ross was a tree climber for a large local authority. Between November 2007, and December 2008 Ross worked as a Tree Surveyor and then Arboricultural Officer for Leeds City Council. This involved various large-scale tree condition and management surveys and carrying out detailed tree inspections. Between December 2008 and December 2011 Ross was a Trees & Woodlands Officer for the Yorkshire Dales National Park Authority administering tree preservation orders, trees in conservation areas and providing advice to the development control section on matters relating to trees in relation to proposed development. From December 2011 Ross has been an Arboricultural Consultant with Treescapes Consultancy Ltd. and has been involved with a number of commissions covering a variety of different aspects of arboriculture including:

- surveying and making management recommendations for trees on residential sites in Yorkshire & Cumbria; and
- evaluating tree quality on development sites, assessing the impacts of development proposals on trees to be retained, making recommendations about protecting retained trees and outlining mitigation measures

3. Continuing professional development

Ross Cannon attends conferences, seminars and workshops run by forestry and arboricultural organisations, colleges and universities

4. Relevant experience

Ross Cannon has spent many years working with trees, some of which were considered to pose a high level of risk. This included judging the level of risk posed by trees and the work required to make them safe.

The Experience and Qualifications of Luke Steer

1. Qualifications

- Luke Steer was awarded a National Diploma in Arboriculture in 1989.
- In 1998 he graduated with an honours degree in Arboriculture and Amenity Forestry from the Forestry Department of the University of Aberdeen
- In 1999 he passed the Royal Forestry Society's Professional Diploma in Arboriculture.
- In 2001 he passed the final examination of the Institute of Chartered Foresters and become a member of that institute in January 2002.
- In 2001 his application to become a Fellow of the Arboricultural Association was assessed to fulfil all the necessary requirements and he became a Fellow of the association later on that year.

2. Practical experience

Luke Steer has been working and studying within the field of arboriculture since 1984, first as a tree surgeon and latterly in an advisory capacity. In September 1998 he started work on a short term contract reviewing Tree Preservation Orders for Chelmsford Borough Council. He stayed in this post until May 2000 after which time he become a Lecturer in Arboriculture and Forestry at Askham Bryan College, York. Between July 2002 and March 2006 Luke Steer was practicing part time as an arboricultural consultant and between January 2003 and March 2006 he was also working part time for the Lake District National Park Authority as one of their Landscape and Woodland Advisors responsible for all types of forestry and arboricultural issues within the national park. Since March 2006 Luke Steer has been working fulltime as an arboricultural consultant for his company Treescapes Consultancy Ltd. While acting as an arboricultural consultant he has completed a number of commissions covering a variety of different aspects of arboriculture:

- Carrying out an inspection of over 3000 street trees within a borough and making recommendations about their safety and management requirements;
- Inspecting all the trees and the risks they pose within a busy tourist venue in Lake District and making recommendations about how to manage those risks responsibly;
- Putting tree work out to tender and managing the resulting contracts;
- Developing proposals to bring back into management a neglected woodland garden in a popular part of the Lake District;
- Assessing whether trees may be affected by proposed construction work, and if so making recommendations about how to mitigate against such damage.
- Compiling arboricultural reports to advise both property owners and prospective property buyers about any risks which trees may pose to a property

3 Continuing professional development

Luke Steer attends many conferences, seminars and workshops run by forestry and arboricultural organisations, colleges or universities

4 Relevant experience

During his career Luke Steer has worked a lot with trees that are thought to be dangerous, firstly by judging how much of a risk the trees may pose, then how to make a tree safe and lastly by either carrying out the work or instructing others to carry out the required work.

5. Membership of professional organisations

In addition to the Arboricultural Association and the Institute of Chartered Foresters Luke Steer is also a Professional Member of the International Society of Arboriculture He is a member of the Continuous Cover Forestry Group and the Royal Forestry Society of England, Wales and Northern Iteland

Appendix 3

Extracts from the British Standard: BS 5837 Trees In Relation To Construction – Recommendations (2005)

Tree categorisation

The trees have been categorised as recommended in Section 43, Tree categorization method and Table 1 of the standard (BS 5837, 2005). A copy of Table 1 is included as Appendix 3.

Tree constraints

Section 5 of BS 5837 recommends that a Tree Constraints Plan (TCP) should be produced showing the trees and an area around them referred to as the Root Protection Area (RPA). The RPA should be large enough to provide sufficient water and nutrients for the tree to ensure its survival. For single stemmed trees the RPA is equal to the area of a circle with a radius twelve times the diameter of the trunk measured 15m above the ground. For multi-stemmed trees the RPA is equal to the area of a circle with a radius equal to ten times their trunk diameter measured at ground level.

In Section 5.2.4 the Standard goes on to say:

"The RPA, for each tree as determined in Table 2 [of the standard], should be plotted on the Tree Constraints Plan (TCP) taking full account of the following factors: as assessed by an arboriculturist, which may change its shape but not reduce its area whilst still providing adequate protection for the root system

- a) The likely tolerance of the tree to root disturbance or damage, based on factors such as species, age and condition and presence of other trees. (For individual open grown trees only, it may be acceptable to offset the distance by up to 20% in one direction.)
- b) The morphology and disposition of the roots, when known to be influenced by past or existing site conditions (e.g. the presence of roads, structures and underground services).
- c) The soil type and structure
- d) Topography and drainage
- e) Where any significant part of a tree's crown overhangs the provisional position of tree protection barriers, these parts may sustain damage during the construction period. In such cases, it may be necessary to increase the extent of tree protection barriers to contain and thereby protect the spread of the crown Protection may also be achieved by access facilitation pruning. The need for such measures, including the precise extent of pruning, should be assessed by an arboriculturist."

Tree protection

A construction exclusion zone is based on the RPA and should be protected during development by the use of barriers and/or ground protection fit for purpose to ensure the successful long-term retention of the trees. Section 9.1.1 of the standard states:

"All trees which are being retained on site should be protected by barriers and or ground protection, as recommended in Clause 7 [of the standard]. Vertical barriers should be erected and ground protection installed before any materials or machinery are brought onto the site and before any demolition, development or stripping of soil commences. Areas of new or retained structure planting should be similarly protected, based on the extent of the soft landscaping as shown on the approved drawings. Once erected, barriers and ground protection should be regarded as sacrosanct, and should not be removed or altered without prior recommendation by an arboriculturist and approval of the local planning authority"

Tree protection fences

With regard to barriers erected to protect trees Section 9.2.1 of the standard states:

Barriers should be fit for the purpose of excluding construction activity and appropriate to the degree and proximity of the work taking place around the retained tree(s). On all sites, special attention should be paid to ensuring that barriers remain rigid and complete

And Section 9 2 2 states:

"In most cases, barriers should consist of a scaffold framework in accordance with Figure 2 [of the standard] comprising a vertical and horizontal framework, well braced to resist impacts, with vertical tubes spaced at a maximum interval of 3m. Onto this, weldnesh panels should be securely fixed with wire to scaffold clamps. Weldnesh panels on rubber or concrete feet are not resistant to impact and should not be used.

Appendix 7 of this report is a diagram of a tree protection barrier based on the one shown in BS 5837 (2005). The weldmesh panels allow the trees to be inspected without having to dismantle the barrier.

Ground protection

With regard to protecting the soil within the RPA from compaction caused by wheeled or tracked vehicles Section 9.3.3 of BS 5837 (2005) states:

"For wheeled or tracked construction traffic movements within the RPA the ground protection should be designed by an engineer to accommodate the likely loading and may involve the use of proprietary systems or reinforced concrete stabs"

Construction within the RPAs of Trees to be Retained

Section 11 6.1

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"The insertion of structures within the root protection areas may be justified if this allows the retention of a good quality tree (category A or B, see Table 1 of B5 5837, 2005). However, it is essential that careful consideration is given to foundation design (see 11.6.2). In such cases, the use of traditional strip footings, in particular those constructed tangentially across the root zone, can result in severe damage to tree roots and should be avoided."

Section 11.6.2

'Root damage can be minimised by using a combination of the following:

- piles or radial strip footings both of which should be located to avoid major tree roots:
- beams, slabs, suspended floors, where all should be laid at or above ground level, and cantilevered as necessary to avoid tree roots."

In order to arrive at a suitable solution, site specific and specialist advice regarding foundation design should be sought from an arboriculturist and an engineer."

Section 11.6.3

Where piling is to be installed near to trees, the smallest practical pile diameter should be used as this reduces the possibility of striking major roots, and reduces the size of the rig required to sink the piles. The latter is particularly important where piling within the branch spread is proposed, as mini-rigs reduce the need for access facilitation pruning. Sheathed piles protect the soil and adjacent roots from the potential toxic effects of concrete."

Hard Surfaces Within the RPAs of Retained Trees

Section 11.8.1 of BS 5837 (2005) states:

"Where the construction of hard surface access cannot be avoided within the RPA, a no-dig design should be used to avoid root loss due to excavation. In addition the structure of the hard surface should be designed to avoid localized compaction, by evenly distributing the carried weight over the track width and wheelbase of any vehicles that will use the access. Such designs might include the use of a three dimensional cellular confinement system as an integral component of the sub-base, to act as a load suspension layer. Driveways and roadways constructed according to this principle can be designed to be suitable for most types of traffic. Where this type of access is proposed, site-specific and specialist advice should be sought from an engineer and an arboriculturist in order to ensure that it is fit for purpose."

"NOTE: The use of two dimensional load suspension systems is not recommended."

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Appendix 4

British Standard: BS 5837 Trees In Relation To Construction - Recommendations (2005): Tree Categorisation Table

The second secon	Trees that have a serious, irremediable, structural defect, such as their cury loss is expected the to collavo, includes the inter-	become unviable after removal of other R category trees, h.c. where for whatever reason this is a formal at the will	milgared by pruning)	Trees that are dead or are showing signs of significant, muneclate, and irraversible overall decline.	Trees infected with pathogens of significance to the health and fre suiers of other trees marries one. Proceed to	quality trace suppressing adjacent trees of better quality.	NOTE Habitat reinstatement may be appropriate, (e.g. R category tree used as a hat roost: Installation of a bat box in nearby reco		The second secon
						THE REPORT OF THE PARTY OF THE		DESTRUCTOR SUBSTITUTED FOR Criteria Substructiones	TALL LAND AND AND AND AND AND AND AND AND AND

TRILIS TO BE CONSIDERED FOR RETENTION	CHELA Subcargones	AND LOTABOLICATION HIND DE APPROPRIAGE (4.8.) I CARREDORY RECO	Of a Dat box in nearby tree
Category and Definition	1. Mante Actorical and Values	2. Mandy landwapt waters	3. Mainly, cultural values, anchiding conservation
The same of the special specia	Trees that are purueularly good examples of their species, especially if rare or inusual, or essential components of groups, or of formal or semi-formal arboricultural features (e.g., the dominant and/or principal trees within an avenue)	Trees, groups or woodlands which provide a definite screening or softening effect to the locality in relation to views into or our of the sire, or those of particular visual importance (e.g. avenues or other arboncultural fratures assessed as groups)	Trees, groups or woullands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood pasture)
	Trees that might be included in the high category, but are downgraded because of impaired condition (e.g. presence of remediable defects including unsympathetic past management and minor storm damage)	Trees present in numbers, usually as groups or weodlands, such as they form distinct hardscape features, thereby attracting a higher value than they might as individuals but which are not, individually, essential components of formal or semi formal arboricultural features (e.g. trees of moderate quality within an avenue that inclindes better A category specimens), or trees stuated mainly internally to the site, therefore individually having little visual impact on the wider tocality.	Trees with clearly identifiable conservation of other cultural benefits
linguay C. Exist of his quality and value, currently, it adequate condition to remain until new	Trees not qualifying in higher categories	Trees present in groups or woodlands, but without this conferring on them significantly greater landscape value, and/or trees offering low or only temporary screening benefit	Trees with very limited
samus, coma ne established (s printimum telto veres sugestedi, ocyonip reces with r steat diameter bolom 15/min	NOTE Whilst C category trees will usually not be renless than 150mm should be considered for retocanon.	incd where they would impose a significant constant	nt on development, young trees with a skin dameter of

Clitheroe Royal Grammar School -- Pre-development Arboricultural Report Prepared for Cassidy Ashron Ltd & Treescapes Consultancy Ltd.

Explanatory notes for some of the terms used in Appendixes 6 and 7

- Mathematical abbreviations: > = Greater than: <= Less than
- Compass Bearing: N = north; S = south; E = east; W = west; NE = north-east; NW = north-west; SE = south-east; SW = south-west; NNE = north, north-east; NNW = north, north-west; ENE = east, north east; WNW = west, north-west; SSE = south, south-east; SSW = south, south-west; ESE = east, south-east; WSW = west, south-west
- Tree Number: This is the number used to indicate the trees approximate position on Plans 1 and 2. This number is also used to identify the trees in Appendixes 5 and 6.
- Species: The species identification is based on visual observations and the common English name of what the tree appeared to be
- **Height:** The height of the tree measured with a Sunto clinometer or a Truepulse 360b laser rangefinder.
- Trunk 0: These figures relate to the diameter of the trunk 1.5m above ground level and are recorded in centimetres measured with a diameter tape. If, for whatever reason, the height was measured at a different height above the ground the height will be mentioned. More than one figure indicates that the individual is has a number of stems. Many stems are indicated with a 'M'. If the DBH has been estimated 'est' will appear in the column
- Age Class: Assessed as either:
 - Sapling or newly established = a size which could be easily transplanted;
 - Semi-mature = prior to seed bearing age and could be transplanted with care;
 - Juvenile Mature = young and if healthy growing rapidly, not yet achieved full mature height;
 - Young Mature = early maturity, not fully grown but of seed bearing age and may have achieved mature height;
 - Mature = fully grown, annual growth is much reduced;
 - Old Mature = old for the species, possibly starting to decline;
 - Ancient = exceptionally old for the species, the crown may be retrenching,
 provides many opportunities for wildlife and is likely to be an important habitat.
- Life Expectancy: The estimated life expectancy of the tree in its current state
- Health:
 - Normal Vitality = normal growth and twig extension;
 - Moderate Vitality = reduced twig extension but other than that few signs of ill-health;
 - Early Decline = reduced twig extension and some dead twigs in the outer canopy;
 - Mid-decline = small internodes, the canopy may be thinning and contain dead twigs and/or branches in the outer canopy, older branch wounds that haven't occluded may be decaying and forming cavities;

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- Severe Decline = sparse crown, numerous dead twigs and branches in the outer canopy, older branch wounds likely to be decaying and forming cavities;
- Dead.
- Crown Radius: The measured or estimated distance from the tree trunk to the outer extents of its canopy.
- Radius of the RPA: The radius of a circular Root Protection Area (RPA) in metres as specified using the guidance contained in BS 5837 (2005).
- Area of the RPA: The area of the Root Protection Area (RPA) in square metres as specified using the guidance contained in BS 5837 (2005).
- Observations: Other observations are listed in this column.
- Defects: This is the column where any of the trees defects are listed
- Severity of defect: A subjective assessment of a combination of the likelihood of failure occurring. The defect shall be categorised as either: Minor, of little significance; Moderate, of some significance; or Major, a major defect that could cause the tree to fail at any time.
- Recommended Tree Work: General description of recommended work
- Details: Elaboration of the Remedial action
- Work Priority:
 - High priority work should be carried out as soon as possible;
 - Medium priority work need not be carried out straight away but the trees should be inspected every twelve to eighteen months and after strong winds. If this work is not carried out straight away I recommend that provision is made in future budgets to have it carried out at a later date.
 - Low priority work need not be carried out straight away but defects have been noted that could develop over time; these trees should be inspected every twelve to eighteen months and after strong winds

Work Category:

- Category 1 work is required to establish acceptable levels of safety for the site and should be carried out in the time scale indicated by the priority attached to the recommendation;
- Category 2 work is advisory to establish high levels of arboricultural and silvicultural management of the existing trees and is not necessary for safety reasons.
- Retention category: The retention category assessed using the guidance in Table 1 of BS 5837, 2005 [see Appendix 3]
 - A) (light green) Trees of high quality and value: in such condition as to be able to make a substantial contribution (a minimum of 40 years is suggested);
 - B) (mid blue) Trees of moderate quality and value: those in such a condition as to make a significant contribution (a minimum of 20 years is suggested);
 - C) (grey) Trees of low quality and value: currently in adequate condition to remain until a new planting could be established (a minimum of 10 years is suggested), or young trees with a stem diameter below 150mm.;

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R) (dark red) Trees in such a condition that any existing value would be lost within 10 years and which should, in the current context be removed for reasons of sound arboricultural management

Appendix 6

Tree Data Schedule

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rocu			and with the		- tolerande det	makana Makanahana manahana Ma	Category		-	Cl	dine w	55.00 Section 5	***************************************			·	Category	***	
modern spellen plants. Dates	Severity	Minor	Moderate	Minor	Moderate	Minor	Work Priority	When appropriate	Medium	Minor		Moderate	Minor	Minor	Moderate	Minor	Work Priority	When appropriate	Medium
	Description of Defect	TOE	To SE due to construction of concrete based storage area	<5cm x 1m		Appears sound	THE RESERVE THE PROPERTY OF TH		Me	To W		To install footpath	TOW	<3cm x Jm		Appears sound	1 1	When a	
Crówn Radius (m) RPA Defects	Type of Defect	Weight biased	Potential root damage caused by excavation	Dead, throughout	Reduced vitality	Grafted at 0.4m			hes	Fungal fruiting bodies	(saprophyte)	Potential root damage caused by excavation to W	Weight biased	Dead	Reduced vitality	Graffed at 0.4m			hes
	Location	Crawn	• Root plate	• Lateral branches	liatilit)	* Base of trunk	Recommended Tree Work	• inspect after gales	Remove dead branches	• Base of trunk		• Root plate	• Crown	• Lateral branches	• Crown	• Base of trunk	Recommended Tree Work	• Inspect after gales	Remove dead branches
	Radius Area	5.4 m	92 m²							4.8 m	72 m²								
Crown Radius (m)	Ith NE SE SW NW	0.)							state 6 4.3 5 7.7	Á38H								
Aee Class	13	2	5-20 years Vitality				Height to Lawest Part of Crown (m); 2			2	5-20 years vitality						Height to Lowest Part of Grown (m): 3		
	Trunk Ø (cm)	Secretal photosophic deposits of the control of the	45 (@ 1.5m							E +	40 @ 1.5m					-	Reight to Low		
	Id No. Species	1.01 Birch		. *			Clear Stem (m): 2	Notes:		1.02 Birch						42 U	Clear Stem (m): 2	Notes:	·

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	BS 5837	;		anne en most	was a subsection		aador doornaa' muu		Category	attationelessississississississississississississi		rv	graf.	**************************************
		Severity	Minor	Minor	Minor	Moderate	Minor	Moderate	Work Priority Category	When appropriate	Medium		Medium	
	S. S	Description of Defect	TO W	<5cm x 3m	At LSm, S	To install footpath	3cm x 40cm on base of branch	at 3.5m along its length Moderate	Jetalis Work	When a	Lateral branch to N by 2 to 3m	To provide 1m clearance from the electricity sub-station		ia anamanan iningan jang anaman iningan manaman manaman manaman manaman manaman manaman manaman manaman manaman
Clitheroe Royal Grammar School, to the west of the school building	Perfects	Type of Defect	Touching sub station roof	Dead branches	Acute stem union (stable at time of inspection)	Excavations may have been carried out that may have damaged some roots on the W	Bark wounds (occluding, little apparent decay)	ranch to Acute branch union (stable at time of inspection)			Lateral branc		10105	nicommunicologica (Alberta Angelon); paramente (Lateria) Angelon; riminente manasis (Lateria) (Angelo
to the west of	meriodo Abranino principo Sidioli anno antico	of Defect	• iateral branches	• Crown (Inner)	•	• Root plate	Lateral branches to N	Lateral branch to N	Recommended Tree Work	• Inspect after gales	• Reduce	Remove branch(es)	Remove dead branches	
r School	RPA	Area	8.3 m	.m cr2										
e Royal Gramma	Crown Radius (m)	Id No. Species Trunk Ø (cm) Life Expectancy Health NE SE SW W		to an extensional and height of Lecture at an extension of height of the second of the		-								
Clithero		y Health	Normal Vitality						(m):2					
	Age Class	Life Expectanc	Mature	5-20 years					Height to Lowest Part of Crown (m): 2				Holes Overstable Open Jersta, oppgaan suppopulations	
	Height (m)	ld No. Species Trunk Ø (cm) Life Expectancy Health	The state of the s	69 @ 1m					Height to Lowe				And the state of t	
		Species	1.03 Sorbus sp.						Clear Stem (m): 1				ent et conscription (se élémetraine de conscion maineant de conscion de conscion de conscion de conscion de co	
	:	N PN	1.03						Clear	Merces			och i introducense sesse	

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1.1 1.1	Height (m)	Age Class		wn Radius	RPA	-	Defects	S.	and the second s	BS 5837
ld No. Species	Trunk & (cm)	ic)	Health	NE SE SW NW	Radius Area	Location	Type of Defect	Description of Defect	Severity	
1.04 Willow	2	ANTIPALINE PIL DIS	Normal	9 9.3 6 4.6	6,0 m	* Crown	Weight biased	TO N	Moderate	i -
	30 PC	>-∠U years	·		113 m²	Branch Stubs		At 3m, to NE & S	Minor	
						• Lateral branches	Dead throughout crown	<5cm x 2m	Miner	concess who
						• Lateral branches	Poorly tapered	To N	Moderate	- − − − − − − − − − − − − − − − − − − −
						Base of trunk to	Ribs of compensatory growth	Forming, possibly due to weight blased crown	veight Minor	a. Viljean, moregon
						• Surface roots	Damage, probably caused by grass cutting equipment.	e eeste entre entr	AUIIIA	· moreona Assessing
Clear Stem (m): 2.5	Height to Lower	Height to Lowest Part of Grown (m): 0.7	n): 0.7			Recommended Tree Work		Details	Work Priority	Category
Notes:	•					• Inspect after gales	Military and the state of the s		When appropriate	3
						Remove dead branches	ches		Medium	ţ
						• Reduce branch(as)	To N by 2 to 3m to	To N by 2 to 3m to reduce effect of stem taner	Medium	;****\$
1.05 Norway			Moderate	6.8 6.6 3 6	6.0 m	* Lateral (Wanches	Dead	45cm x 3m	ming the second	7
2	50 @ 158	5-20 years	Vitanty		113 m²	• Lateral branches	Storm damaged	A CL	Minor	
						• Stein (lower 1/3) at 4.5m	Acute stem umon (stable at time of Inspection)		Minar	Arthunit - colonial
						town.	Weight blased	Z c	Minor	
						• Stem (lower 1/3)	Branch wounds (occluding, little apparent decay)	Scm diameter	Minor	
	·					Base of trunk	Bleeding bark cankers (mactive)	To Sat base and Eat 75cm	5cm Moderate	
						Surface roots	Damage, probably caused by grass cutting equipment		Minor	
						Former girding	BYOKEN IN IN	Possibly by grass cutting machinery	ng Minor	
Clear Stem (m): 2	Height to Lowe	Height to Lowest Part of Crown (m): 2.5	m): 2.5			Recommended Tree Work		Details	Work Priority	Category
Notes:	·					• inspect after gales	st		When appropriate	, ,4
٠						Remove dead branches	ches		i ose	

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		Height (m)	Age Class		sadius (m	RPA) RPA Defects	<u>cts</u>	OLA WOOD OF SERVICE WHICH SERVICES SERVICES SERVICES	RS 583.7
Id No. Sp.	Species	Trumkø (cm)	Life Expectance of the Constitution of the Con	Health	NE SE SW NW	Area	of Defect	Type of Defect	Description of Defect	Severity	Retention
1.06 No	Norway	13. 59 @ 1.5m	Mature 20-40 years	Normal Vitality	4.7 6.9 4.7 6.3	7.1 m 157 m²	Willia.	Moss growing up this tree may be obscuring mechanical defects	man was and a state of	THE	100
							• Trunk at 1.5m, W	Bark wounds (occluding, little apparent decay)	4 cm x 9cm	Minor	der spring white
						·	· Crown	Dead twigs		Minor	د سند پ
							Structural branches	Branch wounds (occiuding, little apparent decay)	Locm diameter to W	o W Minor	Milhady adapagang
							Branch Stubs		<5cm to SE	Minor	
	•		: *				* Roots	Girding over buttress	ToN	Minor	
Clear Stem (m); 2		Height to Lowe:	Height to Lowest Part of Crown (m): 3	ı); 3			Recommended Tree Work		Deals	Work Priority C	Category
NOTes:							• Inspect after gales			When appropriate	
1.07 Haw	Hawthorn	1		Moderate	3.8 3.5 2.6 4,9	5,7 m	* Crown	Reduced vitality		And the second s	
			5-70 years	A statut		102 m²	• Stoms (middle 1/3)	Crossing	Mid crown	Minor	;
							* Base of trunk	Decaying cavity		Moderate	
				÷			• Stem (lower 1/3)	Decaying cavities	On S stem at 0.3, 0.7, 1 and 1.3m		
							• Stem (lower 1/3)	Branch wounds (decaying)	On N stem at 1m, 10cm x 40cm	a x 40cm Moderate	
							• Co-dominant stems	Acute stem union (stable artino of inspection)	From base to 1m	n	
							* Buttresses	Basal damage, probably caused by grass cutting equipment		Moderate	
Clear Stem (m): 1		Height to Lower	Height to Lowest Part of Crown (m): 1.5	1:1.5			Recommended Tree Work	777	Details	Work Priority C	Category
Notes:							Či kis	To allow the propi	To allow the proposals to be implemented	if permission is granted	child for the desired surveyor constraints
	÷						• inspect after gales		A	Marie and the second second	÷

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				The second secon				
Height (m)	Age Class	2	RPA ::		Defects	overs, fereign, mileton, juliton, Distribut, Distribut, Distribut, manager, apop	o os os c. Voschell General Commercial appropriet freihad	BS 5837
Trunk Ø (cm)	Life Expectancy Health	NE SE SW NW	Area	on ect	Type of Defect	Description of Defect	Severity	Retention
į.	Old Mature Moderate	3,2 4,4 3.2	6.5 m	• Crown	Reduced vitality	Million de la company de la co	Moderate	Ü
ED SA	5-20 years Vicality		133 m²	• Crown	Weight biased	ToEandW	Moderate	
				• Lateral branch	Dead	>5cmx 1.5m, to W	Minor	
				• Trunkatim	Decaying cavity	To SW	Moderate	
				• Co-dominant Acute	Acute stem union (started to fail)	At O.6m	Major	
				• Trink	Weight blased	Tow	Moderate	
				• Butresses Basal cause	Basai damage, probably caused by grass cutting equipment		Minor	
t to Lowe	Height to Lowest Part of Crown (m): 2			Recommended Tree Work	rt. Details	or virtuin, littletti, stresse, senome vannan.	Work Priority Ca	Category
				Zero Control de la control de	To allow the proposals to be implemented		If permission is granted	A CARLO CONTRACTOR CON
				inspect after gales		1 30	When appropriate	, , ,
	1975) (1975) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987)			Reduce crown all round by	Sm		Medium	
65 @ 0m	Old Mature Moderate 5-20 years Vitality	2.5 2.5 3 2	6.5 m 133 m²	Crown Previous & Low	Previously pollarded at 3m & now 1.5m of re-growth		Minor	C
Est	ā			• Crown	Low over footpath	<2m	Moderate	
				e of trunk to	Decaying cavity		Moderate	
				Communica management professional destroyed destroyed recomments of the communication of the	ALLOND PRODUCT SERVICES ASSESSED VALUE CONTROL OFFICE OFFI	spherity upricing conners make in amongst Whitest while washing	1.1	
t to Lowe	Height to Lowest Part of Crown (m):0			Recommended Tree Work	rt Details		Work Priority Ca	Category
				• 	To allow the proposals to be implemented		If permission is granted	Wedgestern George Control
				• Reduce branch(es)	Over path to provide 2.5m height glearance	2.5m height	Medium	***(
				• inspect after gales		M	When appropriate	, , ,

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RSSB37	Severity Category	Minor B1	Moderate	- 2000. W	7	Minor	lority Category		si noi	Moderate B1	Moderate	Minor	Moderate	Minor	tority Category	opriate i	
Table 1	Description of Defect s	Without with the second	Z.	At 5m on the NW		To install path	Details Work Priority	Of the two crossing branches growing to Low the NW at 5m	To provide 2m clearance from proposed If permission is building granted	TOE & W	To Wat Sm	<10cm diameter	At 2m	Some decay to E	Details Work Priority	When appropriate	
RPA Defects	Location of Defect Type of Defect	Lateral branches Touching building to N	n Weight biased	• Lateral branches Crossing	Buttresses Basal damage, probably caused by grass cutting equipment	Root plate Excavations may have damaged some roots to N	Recommendation Tree Work D	• Remove the smallest Of the two grossin the P	Reduce branch(es) To provide 2m cle.	n Weight blased	 Lateral branch Broken and hanging branch(es) 	Trunk at 2m, W Branch wounds (occluding, little apparent decay)	Acute stem union (stable at time of inspection)	Basal damage, probably caused by grass cutting	Recommended Tree Work D	inspect after gales	Bankossa francisco francisco de servicio d
vn Radius (m)	NE SE SW NW Area of	lane man	104 m² Crown	Page 1	•	**************************************	Rec	ĕ	**************************************	5.3 7.6 5.4 6.5 5.5 m • Crown	₩ Ab m*	÷		The section of the se	REC	De consultation	*
Height (m) Age Class	(cm) Tife	48 @ 1.5m 20.40 years Vitality					Height to Lowest Part of Crown (m): 2		de jed internet mentende species de species de jed in de species de species de species de species de species d	12 Mature Normal 46 @ 1.5m 20.40.voark Vitality					Height to Lowest Part of Crown (m): 2		
	Species	2.01 Ume					Clear Stem (m): 2.5	Notes:	Selfeld (decimited democratiment sound seed disclotter, one op on any consumer, so	2.02 Lime					Clear Stem (m): 0	Notes:	

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Height (m)	Age Class		YII RE	lius (m)	RPA		Defects		obit, nemikon (migrapo), jarango, jananaka jananaka	BS 5837
Trumk Ø (cm)	i) Life Expectancy Health	, 4	1 8	SW NW	Area	of Defect	Type of Defect	Description of Defect	Severity	Ketention
£ 1000	10.01	702.	0 3.5	S. L.	4.0 m	• Crown	Weight blased	TO ST	MACAMETER CONTRACTOR C	£.,
40 @ O#	5-20 years	Vitality			50 m²	• Trunk between us base & 3m	lyg growing up this tree may be obscuring mechanical defects		Moderate	j
						* Branch Stubs	Decaying	To W	Minor	
:						• Buttresses	Basal damage, probably caused by grass cutting equipment		Moderate	e storing bourns, wh
						Base of trunk	Decaying cavifies	1998: Majelo Semenje Semenie Mediški, Majelik, (Majelik), elektronic, nemoc	Moderate	
it to Cor	Height to Lowest Part of Crown (m):0	m):0				Recommended Tree Work		Petalis	Work Priority C	Category
						• inspect after gales	төрөн дай дай дай дай дай дай дай дай дай дай	W	When appropriate	Withhelm manners of the control of t
19 80 @ 1.5m	Old Mature 5-20 years	Moderate	4,6 10	7 8	9.6 m 290 m²	# Crown (upper	Dead branches	<5cm × 2m	Minor	CT
						• Stem (middle 1/3)	Branch wounds (occluded)	<10cm diameter	Minor	ragonar amona
						Lateral branch to W at 10m	Decaying cavity	10cm x 2m, from torn out branch, occluding well	it Moderate	· wante se · Accessible ·
						 Trunk between Its base & 5m 	Potential occluded crack	On W, tension side of tree	e Moderate	·
٠						• Trunk at 4.5m	Decaying cavity	Occiuding well. 30 x 40 cm.	m. Moderate	
						Nun.	Weight blased	ToE	Moderate	ينيند مد
	÷.					Surface roots	Basal damage, probably caused by grass cutting equipment		Jones John Market Marke	
						* Base of runk	Cirding room	tere 2000 5000 white manual transit weeks with a com-	Minor	
it to Lo	Height to Lowest Part of Crown (m): 3	m):3				Recommended Tree Work	**************************************	Details N	Work Priority C	Category
						• Inspect after gales		*	When appropriate	
						Reduce crown all round by	annd by	2-3m	Medium	:;= f
						 Remove dead branches 	ches		Medium	

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	Height (m)	Age Class			RPA	or analysis was a various and the state of t	RPA Defects	Defects	And Difference on proceedings of Control of	1000
ld No. Species	Trunk Ø (cm)	Life Expectancy Health	Health	NE SE SW NW	Radius Area	Location of Defect	Type of Defect	Description of Defect	Severity	Retention
2.05 Ash	17 69 @ 1.5m	Old Mature 0-5 years	Early Decline	2.3 5.7 5.8 3.8	8.3 m 215 m²	* Structural branches	Fungal fruit body of inonotus hispidus	Found at base of this tree, prestimably fallen from wound above.	(Casas)	R
						• Grown	Dead branches	~5cm x 2m	Moderate	
	• .					• Crown	Weight biased	TOE	Moderate	-94 <u>0</u> 2
						• Trunk at 2.5m, W	Branch wounds (not occluding)	25cm diameter	Moderate	777 7778 W 18600
						Trunk at 2,5m	Decaying cavity	20cm diameter, occluding well Moderate	well Moderate	
						• Trunk	Weight biased	బ ం ా	Moderate	,
						Buttresses	Basal damage, probably caused by grass cutting equipment	· .	Minor	ernor manipoli industry b
Clear Stem (m), 2.5		Height to Lowest Part of Crown (m); 3	1);3			Recommended Tree Work	ee Vark		Work Priority C	Category
Notes:	Personal Property Control of the Con	in the second se				• Fell			High	official and a special property.
2.06 Hawthorn	90	Old Mature	Todonto			AND	The state of the s	en de la company de la comp La company de la company d La company de la company de		
	35.00	4 04 MARIA	Vitality	A C C C C C C C C C C C C C C C C C C C	3.5 B	• Grown	Reduced vitality	reference. Addition, recommender. Milled for the course accountry of the first and comments.	Moderate	J
					E on	• Crown	Weight biased	TOW	Moderate	mage supersys
						A A RICK	Weight hiased	Tow	Moderate	· shakanges ha
						Base of trunk	Decaying cavity	Base to 1.5m	Moderate	esper extrat
						* Buttresses	Basal damage, probably caused by grass cutting equipment		Moderate	n sersen menen s
Clear Stem (m): 0		Height to Lowest Part of Crown (m): 1.5	1):1.5			Recommended Tree Work	ee Work	Details	Work Priority C	Category
Notes:						inspect after gales	Yes Madinate as season and the fact of		rition of statement processing and the statement of the s	Andrews and a second

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		Height (m)	Age Class		Crown Radius (m) RPA Defect	KPA		8	Defects	and demonstration of the secondary for the secon	Trib. springer, principe,	25 523.7
Id No.	Species	Trunk & (cm)	Life Expectancy Health	Health	N E S W NE SE SW NW	Radius Area	Location	Type of Defect		Description of Defect	Severity	Retention
2.07	Hawthorn	20 (A) Ost		Moderate	1 0 3.5 4	3.0 m	• Crown	Reduced vitality	one there cannot appear	Miletan manan man	Moderate was	J
			5-20 years			28 m²	* Trunk; between	Branch wounds (decaying)		<10cm dlameter	r Moderate	
							• Whole Tree	Weight biased		To SW	Moderate	
							• Base of trunk to	Decaying cavity			Moderate	
		·					• Buttresses	Basai damage, probably caused by grass cutting equipment	Augusti indisensi ananan anggari ga	also were in the second of the second	Moderate	· wanner wageth should
Clear Stem (m): 0	m (m): 0	Height to Lowe	Height to Lowest Part of Crown (m): 0.7	m): 0.7			Recommended Tree Work	ree Wark	Details		Work Priority Category	negory
Notes:							• Inspect after gales				When appropriate	₩.
2.08	e e		Early mature	Normal	5.3 6.2 4 5.4	5.5 m	• Whole Tree	Weight binsed	dell'element commente dell'element dell'elem	ToE	Noderate	83.
		46 @ 1.5m	20-40 years	À MERIA		96 m²	• Buttresses	Basal damage, probably caused by grass cutting			Minor	alkari alkari makari
Algebra Stor	Close Chang (m)			; ;			The state of the s	Annual Control of the	Charles Superior action action action actions and actions and actions and actions and actions actions and actions actions and actions and actions actions and actions actions and actions actions actions actions actions and actions	AND TAKEN TO SEE THE TAKEN		
Notes:	o · fun) · m	neight to howe	rezgii to lowen fait oi Liown (mj. 1.5	s r if w			With the state of		December		WOLK PRODUCE	Category
Western Commission of the Comm				Marie myseconomics	(Waterconstitution of the Anna State of Market Street, Street, Street, Street, Street, Street, Street, Street,		Calegory and Raice				When appropriate	T
2.09	Hawthorn	8 49 @ 0m	Old Mature 0-5 years	Severe		4.9 m 75 m²	• Buttresses	Basal damage, probably caused by grass cutting equipment	The state of the s		Moderate	CC.
							Base of trunk	Decaying cavity			Moderate	
							• Whole Tree	50 % Dead	· · · · · · · · · · · · · · · · · · ·	ader america eranoga vyjetje: 15	Major	www.ananag
Clear Ste	Cear Stem (m): 1	Height to Lawe	Height to Lowest Part of Grown (m): 3	(m):3			Recommended Tree Work	ree Work	Details		Work Priority C	Category
Notes:							a				Martinm	

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. 7.	Height (m)	App Class	Crown Radius (m)	RPA		RPA	10 months and the second second second second second	PROPERTY AND ADDRESS OF THE PROPERTY OF THE PR	
l No. Species	Trunk & (cm)	Life Expectancy Health	N E S W	Radius	Location		9		RS 5837 Retention
** * Hand by the second	0	MICROCORDINACIONAL (A TRACESCO NO ACTUALISMO IN MANAGEMENTO POR PROPERTO POR ACTUAL DE CONTRACTOR DE	ALEKÇINENEN EN ESTEKA BELLEKAN KANDEN EN EN		OF LICTURE	TARON DOIGG	of Defect	Severity	Category
	38 (0) Om	Old Mature Moderate	version contraction of the second contractio	E 8 8	* Crown (mner)	Dead branches		Minor	J
				45 M²	• Co-dominant stems	Acute stem union (started to fail)	At Im	Moderate	and where .
					• Base of trunk	Decaying cavity		Major	energy and the second
					5985011111	Basai dannage, probably caused by grass cutting		Moderate	s parameter representations and the
tem (m): 1.3	eight to Lowes	Height to Lowest Part of Crown (m): 3			Recommended Tree Work	Address of the second s	Details	Work Priority C	Category
Notes:					• Remove dead branches	inchés		Constitution of professionary and professionary	
Applications in the second of the second	- Verifier is transfer to think to this in the second consequence and		The second secon		• Inspect after gales	S		When appropriate	
2.11 Lime			5 5.5 6.1 5.2	5.4 m	* Crown (laner)	A Principal and the second and the s		Administration of the property	We were an annual section to the sec
	45 @ 1.5m	20-40 years Vitality		92 m²	• Root plate	Soil level may have been	2m to S a footpath has been	Alhor Maderate	→ 1 10
					TO THE MANAGEMENT AND	raised over some of the rooting area	constructed		lotes, november on
tem (m): 0	eight to Lowes	Height to Lowest Part of Crown (m): 1.5			Recommended Tree Work	TENET TENETRAL THE THE STATE OF	Details	Work Priority C	Category
NO(es:		por constructive experience and constructive experience and constructive experience and constructive experience			• Inspect after gales	\$. :	
2.12 Lime	45 (0 1.5m	Early mature Normal	4.5 5.7 5.4 5.6	5.4 m	* Trans	Weight biased	3 O.L.		81
•				92 m²	• Trunk at 2m	Branch Wounds (occluding, little apparent decay)	<10cm diameter	. •	one mayor pe
					Base of trunk	Lacking buttresses on the N	Potentially due to nursery practise	ursery Observation	mane sanage sa
					• Root plate	Soll levei may have been raised over some of the rooting area	A new path has been installed 2m to the N	installed Moderate	ofice magne animos as
(em) (m); 3	eight to Lowes	Height to Lowest Part of Crown (m): 2			Recommended Tree Work		Details		Category
NGCes:		-			inspect after gales			When appropriate	· I

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700 100 100 100 100 100 100 100 100 100	BS 5837	Retention	R					Category	- I	-f	61. B.1.			Category	Nether transmission	J. Commission
	Property, Televisian, publishing, problems, suphishing	Severity	Moderate	Moderate	Moderate	Minor	Major.	Work Priority Cal	Hgh	High	Minor	Minor	Maderate	Work Priority Cat	Medium	When appropriate
	Service Services Communication	Description of Defect	THE	ToF	Som, W	<10cm diameter	There is the fungal brancket of a wood decay fungus in the Ganoderma genus on the W	Details Work	A company of the property of t	At around 6m but retain the lower epicormic shoots	At 9m, E		TOTAL	Details	To enable a thorough inspection in the Mc	When a
Clitheroe Royal Grammar School, to the south of the school building	Defects	Type of Defect	Reduced vitality	Weight biased	Branch wounds (not occluding, little apparent decay)	Branch wounds (occluded, little apparent decay)	Decaying cavities Ti			At around 6m but	Torn leaving stubs	Ivy growing up this tree may be obscuring mechanical defects	Weight biased		To enable a thorough	Polybyk file for by Christian (Christian Christian Chris
to the south of	And immension improvement principles, philipsis, particular, parti	Location of Defect	• Grown (outer)	• Whole Tree	• Structural branch	Base of munk to 10m	Base of trunk	Recommended Tree Work	water to the state of the state	Pollard	- Lateral Dranches	* Trunk; between its base & 3m	Crown	Recommended Tree Work	• Sever IW	• inspect after gales
r School.	RPA	Radius Area	LLom	383 m²							11.0 m	383 m²				THE PROPERTY OF THE SEC OF THE SEC SEC.
Roval Gramma	Crown Radius (m)	NE SE SW NW	es sed delimentate et estate et el prima 113 ph 40 de sed todade estatemente monocompanyo								8,4 10,7 7,4 8					ted the extension and project or extension against action (and control of con
litheroe		Health	Early	3				(m): 2.5			Normal			(m):2.5		and the second s
	Age Class	Life Expectancy Health	Old Mature	U-o years				t Part of Grown			Mature	20:40 years		t Part of Crown		
	Height (m)	Trunk Ø (cm)	20-25m	Creum				Height to Lowest Part of Grown (m): 2.5			20-25ff stress construction (15 fg)	Carcumi		Height to Lowest Part of Crown (m): 2.5	· · · · · · · · · · · · · · · · · · ·	Wentpassing Contraction in the Contraction of the Contraction of the Contraction of Contraction
		Id No. Species	2.13 Ash					Clear Stem (m): 3	Notes:		2.14 Sycamore			Clear Stem (m): 0	Notes:	

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Life Expectancy Health NE SE SW NW	Crown Radius (m) RPA Defects Cy Health NE SE SW NW Area of Defect	cts Description of Defect	BS 5837 Retention Sevenity Category
Moderate 2 8 10 5 Vitality	7.2 m • Lateral branches Torn off, leaving stubs	A 10mm	Total Control
	163 m² Frunk Weight biased	ToSE	Major
	• Trunk at 2m Branch wounds (occluding, some decay)	On the E. One is 10cm in diameter, another is 25x 35cm and 30cm deep. Branch sockets decaying	Moderate
	• Trunk at Im Bark wounds (occluding little apparent decay)	40cm x 70cm, NW	Moderate
	Base of trunk Cavity The section of th	M c.I.	Minor
	Recommended Tree Work	Details Work P	Work Priority Category
	inspect after gales	When appropriate	rapriate 1
Grammar Sc	<u>Clitheroe Royal Grammar School, in the south corner of the school grounds</u>		
Crown Radius (m) N E S W NE SE SW NW	Radius Location Type of Defects	18 Description of Defect	BS 5837 Retention
	6.9 m² Reot plate Soil level may have been taised over some of the Footbolg area	Section Control of the Control of th	Moderate 82
	44.44	Details Work Priority	k Priority Category
	* inspect after gales.	The free transfer of the state	When appropriate 1.

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	Height (m)	Height (m) Age Gass	Crown Radius (m)	RPA		Defects			BS 5837
Id No. Species		Trunk Ø (cm) Life Expectancy Health	ILIS NE SE SW NW	Radius Area	location of Defect Type of Defect		Description of Defect	Severity	Retention
4.01 Birch	10-15m	Mature Mod	Moderate 3.5 3 3 3 3 Vitality	3.2 m	Lateral branches Dead	Andrew Present segund (1977) At Anno	Som x 2m on trunk at 3m	Minor	C
		6.000		ž. W	Root plate Soil level may have been aftered over some of the rooting area	Tuthete .	To NE 4m from the base of the tree there is an access track from previous development	Moderate	
Gear Stem (m): 2		Height to Lowest Part of Crown (m): 2	*		Recommended Tree Work	Details	Work	Work Priority Ca	Category
Notes:					Inspect after gales		When app	When appropriate	-
4.02 Malus	35.@ Om	Early Mature Mod 5-20 years Vita	Woderate 1 1 1 1 1 1 1 1 Vitality	3,5 m 38 m²	Crown Previously pollarded at LSm & Im of re-growth	larded at	12) Shathi wawa wasa sasa sasa 15, 5, 5, 5, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Minor control of the	CT
Clear Stem (m): 0		Height to Lowest Part of Crown (m): 0			Recommended Tree Work	Details	Work	Work Priority Ca	Category
Notes:					• NCTR		confined medical property confidence of the conf	Meditalistis (chicketis programmente mana	
4.03 Maius	\$ 10m		Moderate 3 5 3.5	3,2 m	• Crown Cankered stems	tems	A CONTRACTOR OF THE PROPERTY O	Moderate	
		5-KU years	£	33 m²	Base of trunk Tree stake still in place	in place	-	Minor	
Clear Stem (m): 0		Height to Lowest Part of Crown (m):0			Recommended Tree Work	Details	Work	iority	Category
Notes:					* Remove the stake		RECORDERY, SECURISH SECULIA ÁN A A ANTHRON AN ANTHRON AN ANTHRON AN ANTHRON AN ANTHRON AN ANTHRON AN ANTHRON A	radional property of the control of	2
4.04 Malus	***************************************	a)	Moderate 5 5 1.5	3.0 m	Crown Crown Cankerd Stephens	tems	WYSERSKE KARANIE OD DE JACOBE DE LACOBE DE LAC	Moderate	CO CO
	SU GE UM	5-20 years	**	28 m²	Base of trunk Tree stake still in place	in place	on more on stiffer Modelle , Bladded , Appelle,	Minor	
Clear Stem (m): 0		Height to Lowest Part of Crown (m):0	c		Recommended Tree Work	Details	Work		Category
Notes:		3			* Remove the stake				Annual Contract of

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Age Class Crown Radius (m)
NE SE SW NW
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God.aCode.usu.interprete envend yes
7.6 5.6

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		Meight (m)	Age Class		Crown Radius (m)	RPA		Defeots		Mark American recognists of the Dr. Matthews additional profit	RS 5827
Id No.	Id No. Species	Trunk Ø (cm)	Trunk Ø (cm) Life Expectancy Health	ealth	N E S W NE SE SW NW	Radius Area	Cocation of Defect	Type of Defect	Description of Defect	Severity	
4.08	Cherry	5-10m 38 @ 0m	Mature No 5-20 years Vii	Normal Vitality	7 6.3 3	3.8 m 45 m²	• Root plate	Soil level may have been altered over some of the rooting area	Access track 5m to E, from previous development	ornoonno	
		-					Branch Stubs	7	To W	Minor	
							• Crawn	Weight blased	ToN	Moderate	du
ar Stei	n (m): 0	Height to Lowe	Clear Stem (m): 0 Height to Lowest Part of Crown (m): 1	***			Recommended Tree Work		Details	Work Priority Category	Category
Notes:		Notes:					• None	Signatura de la companya de la comp		Biological procedurates de la composition della	MORPHONICAL FUNDAMENTAL CONTRACTOR CONTRACTOR
5 60	4.09 Cherry plum	0.5m	Mature Mod 5-20 years VII	Moderate Vitality	Mature Moderate 3 3 3 3 3 3 5 5 5 5 20 years Vitality	3.0 m 28 m²	Base of trunk	Acute stem umon (stable at time of inspection)	Molletter and the same and the	Moderate	
ar Stei	Clear Stem (m): 0	Height to Lowe	Height in Lowest Part of Crown (m): 0	0:1			Recommended Tree Work		Details	Work Priority Category	Category
Notes:		Sectoristic sector sect	от вето на полнения под предела в повето на нем нем на предела на предела на повето на повето на повето на пове		SECTION CONTRACTOR AND		• Inspect after gales	1865		When appropriate	alstitelekkikkemmonemmen. 1
4.1	Birch	5-10m 20 @ 1.5	Mature Mod 5-20 Vii	Moderate Vitality	3 2.5 3 3.5	2.4 m 18 m²	Whole Tree Crown (lower 1/3)	Tree Weight blased Tower Low over footpath <2m	to NW To NW	Moderate Moderate	T)
ar Ste	n (m): 2	Height to Lowe	Clear Stem (m): 2 Height to Lowest Part of Grown (m): 2	1:2			Recommended Tree Work	Service expenses and a service security	Details	Work Priority	Category
Notes:							Crown raise above footpath to 2 ser	ove footpath		Medium	1.8.2

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Appendix 7

Recommended Tree Work

RECOMMENDED TREE WORK

ID No.	Species	Remedial Action	Details	Priority	Category
1 01	Birch	Remove dead branches	Company of the Compan	Medium	1
		Inspect after gales		When appropriate	1
1.02	Birch	Remove dead branches		Medium	1
		Inspect after gales		When appropriate	1
1 03	Sorbus sp	Remove dead branches	vanam. nayanaman naranin naraya, mundirin ni ni, ni 1600 misi Naparing (ni mija voyanama minamiyo misani na mu mis Malain doku ili Bakis (A mid Reli dilah Sen	Medium	1
		Remove branch(es)	To provide 1m clearance from the electricity sub-station		2
		Inspect after gales		When appropriate	1
		Reduce	Lateral branch to N by 2 to 3m	Medium	1
1 04	Willow	Inspect after gales	rukupakan keringgan keringgan keringgan keringgan di diban d	When appropriate	1
		Reduce branch(es)	To N by 2 to 3m to reduce effect of stem taper	Medium	1
		Remove dead branches		Medium	1
1 05	Norway Maple	Inspect after gales	g gyppyggeringgganamaer og tro- en	When appropriate	ae-ee-ue-ue-ue-ue-ue-daek sk-th- 1
		Remove dead branches		Low	1
1.06	Norway Maple	Inspect after gales	ок, р. р. и том и водинения выполнения на выда и в вод в вод вод в в	When appropriate	1
1 07	Hawthorn	Inspect after gales	wermannerer (de fició stalle (de finite) - 160-76 ser y primer in menor en habit une meno en habit per al finit fició de finita e e	When appropriate	anticana antichica di administra di Africa di Marcini
		Fell	To allow the proposals to be implemented	If permission is granted	
1 08	Hawthorn	Fell	To allow the proposals to be implemented	If permission is granted	week with head works and the second s
		Reduce crown all round by	Sm	Medium	1
		Inspect after gales		When appropriate	1
1 09	Hawthorn	Fell	To allow the proposals to be implemented	If permission is granted	· van de germanne (hij heide feit feit feit feit feit feit feit fei
		Inspect after gales		When appropriate	1
		Reduce branch(es)	Over path to provide 2.5m height clearance	Medium	. \$

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RECOMMENDED TREE WORK

ID No.	Species	Remedial Action	Details	Priority	Category
2 01	Lime	Reduce branch(es)	To provide 2m clearance from proposed building	If permission is granted	
	and a Santificación de Santificación	Remove the smallest	Of the two crossing branches growing to the NW at Sm	Low	1 & 2
2.02	Lime Lime	Inspect after gales	ananyanense enta ungenommen manamamama kalahanan halahan bahan pendama pendamakkalahat kalahan kalaman kalaman	When appropriate	
		Remove broken branches	On the W at 5m	Medium	1
2.03	Hawthorn	Inspect after gales	enter en	When appropriate	1
2 04	Ash	Reduce crown all round by	2-3 m	Medium	1
		Remove dead branches		Medium	1
		Inspect after gales		When appropriate	1
2.05	Ash	en tid disense me det de	The distributed distributed as an analysis of the confidence on the confidence of th	High	1
2.06	Hawthorn	Inspect after gales		When appropriate	1
2 07	Hawthorn	Inspect after gales	and the second s	When appropriate	1
2 08	lime	Inspect after gales	Marian anta delanti () , sidentin e metro artisti tatundo artino arterio arte — no tati (a) att. (tarrigo) di sidenti produzi	When appropriate	1
2 09	Hawthorn	FeII	and the second s	Medium	1
2.1	Hawthorn	Inspect after gales		When appropriate	T T
		Remove dead branches		Low	1
2.11	Lime	Inspect after gales	TO COMMITTED TO THE OUT THE OU	When appropriate	a resocione incessos ininis
2 12	Lime	Inspect after gales	n managan menangan mengangan penganggan penganggan pengangan pengangan pengangan pengan bahan menangan pengan	When appropriate	1.
2 13	Ash	Pollard	At around 6m but retain the lower epicormic shoots	High	1
		Fell		High	1
2.14	Sycamore	Inspect after gales		When appropriate	<u>.</u>
		Sever ivy	To enable a thorough inspection in the future	Medium	1
2 15	Ash	Inspect after gales	en e	When appropriate	1

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RECOMMENDED TREE WORK

ID No.	Species	Remedial Action	Details	Priority	Category
3	Group	Inspect after gales	The second of th	When appropriate	1
	Clitheroe Royal	Grammar School, on the south	west boundary of the sch	ool grounds	
D No.	Species	Remedial Action	Details	Priority	Category
4 01	Birch	Inspect after gales	(§) of young physical and the control of the contro	When appropriate	1
4 03	Malus	Remove the stake	and the second s	and the second s	2
4 04	Malus	Remove the stake	《中国·西西·西西·西西·西西·西西·西西·西西·西·西·西·西·西·西·西·西·	and a section of the	2
4 05	Sycamore	Remove epicormic shoots	To enable a thorough inspection in the future	Medium	eseen saamaanaanaan old totah stira vita-ili vili vita 4
4 06	Sycamore	Inspect after gales	gggygg gannagenen mannenn nieressmannen samme blev delstill die delstill 1909 die de	When appropriate	to authorize the control of the cont
		Fell		Low	1 & 2
4.07	Norway Maple	Inspect after gales	er den den men er het de de er men er het de de de de de de e	When appropriate	1
	•	Fell		Low	1 & 2
4 09	Cherry plum	Inspect after gales	anne ann an	When appropriate	1
4 1	Birch	Crown raise above footpath to 2 5m	рудуулы - орголуундардын 3-2-3-4 жерүн ун орголуу оргон төс төмөөөөөө такы такын такын такын такын такын такын т	Medium	1 & 2

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