

Agenda Item No 6

Planning and Development Board

13 September 2010

**Report of the
Assistant Director (Streetscape)
and the Assistant Director
(Leisure and Community Development)**

**Old Bank House
Garden Wall and Trees**

1 Summary

- 1.1 Following the meeting of the Board held on 16 August 2010, this report further addresses the proposed remedial work to the wall of Old Bank House Garden, Atherstone, and the associated arboricultural works.
- 1.2 As requested, Members are also advised of other planned tree felling work at sites across the Borough and are asked to consider a procedure for the notification of emergency works.

Recommendation to the Board

- a That the Board notes and comments upon the phasing of the works proposed to be undertaken within Old Bank House Garden, as detailed in the attached report and appendices, prior to the further consideration of this matter by the Resources Board;**
- b That the Board notes and comments upon the proposed felling works included in the current “tree works” contract; and**
- c That the Board approves the proposed approach to undertaking works in respect of dead, dying or dangerous trees.**

2 Consultation

2.1 Portfolio Holder, Shadow Portfolio Holder and Ward Members

- 2.1.1 The Portfolio and Shadow Portfolio Holders for Countryside and Heritage, Health, Well-being and Leisure, Environment, Community Life and Resources, together with relevant Ward Members, have had the opportunity to comment on the content of this report.

3 **Background**

3.1 At its meeting held on 16 August 2010, and subsequent to a site visit held the same day, the Board received a report concerning the condition of the wall bounding Old Bank House Garden. Members were informed of the necessity to carry out arboricultural works in order both to prevent continuing damage to the wall masonry from the mechanical action of the trees and to facilitate the required repair works. The proposals included additional works that would enable the Garden to be managed to provide a more attractive and welcoming amenity space. The previous report is attached at Appendix A.

3.2 The Board asked that officers identify the emergency works required to be undertaken to the wall and trees within Old Bank House Garden and bring a further report to the Board in respect of any other proposed works to be carried out as part of a planned maintenance programme.

3.3 Additionally, the Board also resolved that it be advised of all future proposals to fell trees in the ownership or care of the Authority.

4 **Proposed Programme of Works in Old Bank House Garden**

4.1 Recent inspection has confirmed that the wall to Old Bank House Garden has now reached the point where extensive maintenance is required. In such cases, the rate of deterioration increases with time and, if left, the wall will require significant re-building within the next five years. It is therefore prudent to carry out remedial works sooner rather than later. Following receipt of tenders and upon receipt of advice from the consulting engineer, a phased programme for the required works has been prepared and is set out in Appendix B.

4.2 As previously advised, and primarily to enable the proposed works to the wall to be undertaken, it is also proposed that a total of 14 trees and one large shrub should be felled. All are of poor structural form, are causing direct damage to the wall, present a foreseeable risk of future damage, or should be removed to enable new planting to take place to improve the amenity value of the area. Account has also been taken of the need to provide a safe working zone for the building contractor. All of the proposed works are consistent with good arboricultural and industry best practice and are in accordance with the Authority's adopted approach to Tree Management (Community and Environment Board, March 2010). None of the specimens merit protection by Tree Preservation Order.

4.3 Additional remedial works are proposed to a number of the larger mature trees that consist only of the removal of deadwood, the removal of ivy or the lifting of low canopies. There is no proposed felling of any of the large significant trees within the Garden.

4.4 A programme for the proposed arboricultural works, which both complements the phasing of the building works and prioritises safety issues, is set out in Appendix C, with the trees concerned marked on the plan at Appendix B.

4.5. It is acknowledged that there will be a short-term impact on the amenity of the area through the removal of the identified trees. It is felt, however, that the necessity to address the structural stability of the wall offers an opportunity to develop and improve the planting within the Garden to ensure that it can be used and enjoyed by the public well into the future. In any event, the impact will be lessened as a consequence of the phased approach to the works identified in Appendix C. The area proposed for replanting is also shown on the plan at Appendix B and a replanting schedule is attached at Appendix D. Currently, there are too many trees in a relatively small area, which has resulted in the formation of poor specimens that are competing for light. Fewer trees, therefore, are proposed in the replanting scheme to enable each to develop into a good specimen having significant long-term amenity value.

4.6 At a site meeting held on 7 September 2010 the consulting engineer reiterated that the trees are having a direct and adverse impact on the condition of the Garden wall - i.e. forces are being exerted via root activity rather than subsidence, which would be indirect, and that the soil does not have the properties associated with volumetric change. As a result, any new tree planting, unless located too close to the wall where direct damage could occur, should not have an impact on the wall in future years.

5 **Arboricultural Works Contract**

5.1 The proposed tree works in Old Bank House Garden are included as a provisional item in a larger contract for arboricultural works that is scheduled to be let in the near future. Works are to be carried out at a further 18 sites within the Authority's management across the Borough and, on behalf of the Parish Council, at one site in Polesworth. The contract comprises works to 94 individual trees and two groups of trees, in addition to those at Old Bank House. Within the programme, 60 individual trees and two groups are to be felled, details of which are set out in Appendix E. It will be noted that the majority of these works are located adjacent to Jacksons in Arley and have arisen as a consequence of the recent fire at this location. Sixteen of the trees to be felled are located on Jacksons' own land.

5.2 It has again become necessary to carry out pruning works to trees within the Atherstone Conservation Area that are in proximity to the CCTV cameras. These works have not been explicitly specified within the contract as it is intended that they will be identified to the contractor on site in conjunction with the camera operators to ensure that visibility problems are adequately addressed. It is not anticipated that any trees will need to be felled in this instance.

6 **Notification of Future Felling Works at Borough Council Sites**

6.1 Subsequent to the resolution at the last meeting, an exercise is currently being undertaken to establish the likely number of notifications that will be brought before Members, based on schedules of work that have been implemented since the introduction of the Authority's proactive tree

management programme in 2002. A further report in this respect will be brought to the Board at the earliest opportunity.

- 6.2 The implications for the Authority of implementing this procedure will, in the main, be addressed in that report. However, the incidence of severe damage to, or failure of, a number of large, mature trees in recent poor weather has highlighted the need to establish a procedure in respect of “emergency works”. It is, therefore, proposed that where trees are to be felled that are dead, dying or dangerous, where it would be inappropriate to wait for the Board cycle due to the evident risk to persons or property, required works will be initiated immediately. Under these circumstances, appropriate notifications will be given to the Chairman and Vice Chairman of this Board, as well as relevant Ward Members. The Board is asked to approve, or otherwise vary, this approach to undertaking emergency tree-related works.

7 Report Implications

7.1 Finance and Value for Money Implications

7.1.1 Building works identified in this report and the appended schedules will be funded from the existing Building Maintenance revenue budget.

7.1.2 Arboricultural and planting works will be funded from the existing Parks and Playing Fields revenue budget. The arboricultural works will be subject to external contract. The proposed phasing of works will mean that the economies of scale that might have been achieved through undertaking the programme in a single phase may not be achieved.

7.1.3 Arboricultural works to be carried out on behalf of Polesworth Parish Council and Jacksons will be recharged to those organisations.

7.2 Safer Communities Implications

7.2.1 Well managed trees and physical structures are less likely to present a hazard to persons or property.

7.3 Legal and Human Rights Implications

7.3.1 The Authority has a Duty of Care in respect of the management and maintenance of its trees and property. The act of a tree or building or part thereof causing injury to a person or persons is likely to give rise to litigation, either as a claim in negligence or under the Occupiers Liability Acts 1957 and 1984.

7.4 Environment and Sustainability Implications

7.4.1 Well-managed and maintained trees and property make a positive contribution to the environment and to creating sustainable communities within which a good quality of life is enjoyed by local residents.

7.5 Risk Management Implications

7.5.1 Members were alerted to the potential risks associated with a failure to undertake the proposed works in Old Bank House Garden in the previous report to Board. A formal risk assessment is now attached below. As can be seen, the net risk ratings range from 9 to 12. The Authority's Risk Management Policy requires managers to address risks scoring above 8 as a matter of priority. The proposed works will significantly reduce the risk ratings in this instance.

7.6 Links to Council's Priorities

7.6.1 Implementation of the proposed works will directly contribute to the corporate priorities to:

- Enhance community involvement and access to services
- Protect and improve our environment
- Defend and improve our countryside and rural heritage
- Make best use of our resources

The Contact Officers for this report are Chris Jones (719265) and Alethea Wilson (719212).

Background Papers

Local Government Act 1972 Section 100D, as substituted by the Local Government Act, 2000 Section 97

Background Paper No	Author	Nature of Background Paper	Date
1	Assistant Director (Streetscape) and Assistant Director (Leisure and Community Development)	Report to Planning and Development Board	16 August 2010

Risk Management Form

**NORTH WARWICKSHIRE
BOROUGH COUNCIL**

**Streetscape / Leisure & Community Development Divisions Facilities Management / Landscape
Management Services**

Risk Ref	Risk: Title/Description	Consequence	Likelihood (5 = high, 1 = low)	Impact (5 = high, 1 = low)	Gross Risk Rating	Responsible Officer	Existing Control Procedures	Likelihood (5 = high, 1 = low)	Impact (5 = high, 1 = low)	Net Risk Rating
	Structural failure of the wall, or sections of the wall, to Old Bank House Garden	Injury to public, employee or Member Damage to property / cars Litigation and / or insurance claims	4	4	16	Assistant Director (Streetscape)	Inspection regime in place Isolation of specific areas and controlled access to garden / adjoining car park until repairs are effected	3	4	12
	Failure or partial failure of trees in Old Bank House Garden	Structural damage to the wall Injury to public, employee or Member Damage to property Litigation and / or insurance claims	4	3	12	Assistant Director (Leisure & Community Development)	Inspection regime in place Isolation of specific areas and controlled access to garden / adjoining car park until works are effected	3	3	9
	Damage to the wall of Old Bank House Garden through the physical action of trees	Structural failure of sections of the wall Injury to public, employee or Member Damage to property / cars Litigation and / or insurance claims	4	4	16	Assistant Director (Streetscape) Assistant Director (Leisure & Community Development)	Inspection regime in place Isolation of specific areas and controlled access to garden / adjoining car park until works are effected	3	4	12
Risk Ref	Options for additional / replacement control procedure						Cost Resources	Likelihood (5 = high, 1 = low)	Impact (5 = high, 1 = low)	Net Risk Rating
	Carry out structural repairs and arboricultural works to remove the identified risks						Existing revenue budgets	2	2	4

Completed By: Chris Jones / Alethea Wilson Date: 2nd September 2010

Agenda Item No 7

Planning and Development Board

16 August 2010

**Report of the
Assistant Director (Streetscape)
and the Assistant Director
(Leisure and Community Development)**

**Old Bank House
Garden Wall and Trees**

1 Summary

- 1.1 This report addresses the proposed felling of a number of trees in Old Bank House Garden, Atherstone; both to protect the unstable wall that surrounds the Garden and also to open up the area to provide a more attractive amenity space for the local community.

Recommendation to the Board

- a That the Board notes and comments upon the works proposed to be undertaken within Old Bank House Garden, as detailed in the attached report and appended schedules, prior to the further consideration of this matter by the Resources Board; and**
- b That the Board advises officers about the manner in which it wishes to be informed of any future tree-related works proposed to be undertaken by the Borough Council within Conservation Areas.**

2 Consultation

2.1 Portfolio Holder, Shadow Portfolio Holder and Ward Members

- 2.1.1 The Portfolio and Shadow Portfolio Holders for Countryside and Heritage, Health, Well-being and Leisure, Environment, Community Life and Resources, together with relevant Ward Members, have had the opportunity to comment on the content of this report.

3 Background

- 3.1 The felling of trees in a Conservation Area requires the submission of an application to the Local Planning Authority in order to determine the need or otherwise for a Tree Preservation Order (TPO). Local Authority work to its own trees is exempt from this procedure. In respect of works proposed in Old Bank House Garden, however, it is considered important that the Board is

aware of the proposals because of their visibility and significance to the local community.

- 3.2 Old Bank House, a Georgian Grade 2 Listed Building within the local Conservation Area, has a high wall bounding its gardens. The wall was probably originally constructed to protect delicate plants, espaliered fruits and the like.
- 3.3 Over recent years deterioration in the condition of the wall has been noted and the prolonged and particularly cold weather experienced last winter has resulted in considerable frost damage.
- 3.4 As a consequence, external engineers were commissioned to undertake a visual inspection of the wall. They concluded that whilst the wall is broadly structurally stable and safe there are numerous defects, some of which require immediate attention to prevent costly damage and slight risk to persons from falling debris.
- 3.5 In brief, there are numerous areas of local disruption and cracking to the wall resulting from direct mechanical action of the trunk and root development of woody plants and shrubs that have either “self-set” or been planted too close to the wall. In the case of a buddleia it is actually rooted at high level in the wall itself.
- 3.6 This type of damage should not be confused with subsidence brought about by indirect tree root activity and the extraction of moisture from clay soil, which is unrelated to the damage evident in Old Bank House Garden.
- 3.7 There are several areas within the Garden where overhanging branches are resting on the wall copings. In high winds this could cause the copings and between four and eight courses of masonry below them to become dislodged, with the consequential risk of falling debris.
- 3.8 There is a significant length of wall to the north that is completely clad in ivy. Where the ivy foliage is as dense and developed as that prevalent within the Garden, it is highly likely that the roots bonding it to the wall will have disrupted the supporting masonry. Great care must be taken in cutting away the foliage to allow the extent of potential root damage to the wall elevations to be assessed. Under these circumstances it is recommended that the ivy should be severed at the base with hand tools and be allowed to die prior to its removal.
- 3.9 The copings throughout the garden are relatively loose and could be moved with simple manual pressure, as could the top few courses of masonry. This is a natural consequence of normal weathering in largely unprotected masonry incorporating lime mortar.

4 Trees

- 4.1 Following a recent assessment of the trees by the Borough Council’s Horticultural Officer (Trees) and a subsequent meeting with the structural engineer, it has been identified that there is evident conflict in specific areas of

the garden between the trees and the wall. This conflict can clearly be seen on the western side of the wall that bisects the garden and the car park.

4.2 It has been identified that in order to resolve the current degradation of the wall a number of trees should be removed, both to afford access to the wall and also to remove the risk of further foreseeable damage occurring. As documented within the Tree Schedule submitted with the Section 211 Notice to the Development Control section (and as attached at Appendix A), there are no significant trees to be removed or trees which could be further protected by way of a Tree Preservation Order.

4.3 It is proposed that a total of 14 trees and one large shrub should be felled. These trees consist of three figs, three goat willow, three cherries, one Japanese red cedar, one southern evergreen magnolia, one tulip, one pyrocantha and a viburnum. All of these trees are considered to have poor structural form; or are causing damage to the wall; or there is a foreseeable risk of future damage; or should be removed as part of a wider improvement project and good tree management. There are some remedial tree works proposed to a number of the larger mature trees, however, which consist only of the removal of dead canopy, the removal of ivy and/or the lifting of lower canopies. There is no proposed felling of any of the large significant trees within the Garden.

4.4 All of the trees, with the exception of the three goat willows, are exotic specimens with no relation to a traditional walled garden.

4.5 Although the removal of trees and shrubs is likely to have an impact on the aesthetics of the area in the short-term, this will be improved with the planting of a number of new trees and shrubs in appropriate locations. The aim will be to create specific areas of colour and contrast. The proposal is to provide a traditional walled garden setting, which will then be more frequently used and enjoyed by the public. At the current time, the path on the western side of the Garden is relatively unused due to the canopies of the trees and dense undergrowth, which together provide a dark and intimidating area.

5 Conclusion and Proposed Works

5.1 Although the wall in Old Bank House Garden is generally stable it has now reached the point where extensive maintenance is required. In such cases, the rate of deterioration increases with time and, if left, the wall will require significant re-building within the next five years.

5.2 It is, therefore, proposed that the following works be carried out in order of priority:

- Undertake rigorous tree surgery to all branches of trees in contact with wall elevations and copings, as per the appended Tree Schedule and Plan
- Remove the ivy to allow root damage to wall elevations to be determined

- Remove trees where the trunk is in contact with any part of the wall, together with appropriate treatment of the stumps
- Remove and re-bed loose and weathered masonry
- All cement-based pointing to be chopped out and replaced with lime mortar
- All significant masonry cracks to be stitched with bed joint reinforcement or resin bonded prior to pointing

5.3 Until the foliage, branches, saplings, etc. have been stripped back it is impossible to determine the extent of the work required to the masonry, although it is estimated that the total cost of the proposed works will be in the region of £20,000.

5.4 There is significant evidence that the trees are having a direct impact on the condition of the wall, which will cause it to further decline in future years. The planned removal and replacement of predominantly exotic trees, therefore, is considered to be justifiable, particularly when account is also taken of the trees remaining structural life, which is limited due to their current form.

5.5 There are no proposals to fell any of the larger mature trees, such as the oaks, beech, lime or robinia, for to do so would have a dramatic and negative impact on the character of the area.

5.6 Any works would be phased over a number of years, with the most urgent areas being addressed first. It is proposed that the works should commence in September 2010, before the onset of winter.

6 Report Implications

6.1 Finance and Value for Money Implications

6.1.1 Specific allocation exists for the works identified in this report and the appended schedules within the existing Building Maintenance and Parks and Playing Fields revenue budgets. There is also the possibility that, if approved by the Resources Board in September, an under spend on the Memorial Hall Car Park Wall capital budget can be vired to assist in funding these works.

6.2 Safer Communities Implications

6.2.1 Well managed trees and physical structures are less likely to present a hazard to persons or property.

6.3 Legal and Human Rights Implications

6.3.1 The Authority has a Duty of Care in respect of the management and maintenance of its trees and property. The act of a tree or building or part thereof causing injury to a person or persons is likely to give rise to litigation,

either as a claim in negligence or under the Occupiers Liability Acts 1957 and 1984.

6.4 Environment and Sustainability Implications

6.4.1 Well-managed and maintained trees and property make a positive contribution to the environment and to creating sustainable communities within which a good quality of life is enjoyed by local residents.

6.5 Risk Management Implications

6.5.1 The report identifies the risks associated with a failure to undertake the works proposed for the wall and trees within Old bank House Garden. The identified works have the additional advantage of improving the medium and long-term aesthetic value of the Garden and reducing future maintenance costs associated with the wall.

6.6 Links to Council's Priorities

6.6.1 Implementation of the proposed works will directly impact upon the corporate priorities to:

- Enhance community involvement and access to services
- Protect and improve our environment
- Defend and improve our countryside and rural heritage
- Make best use of our resources

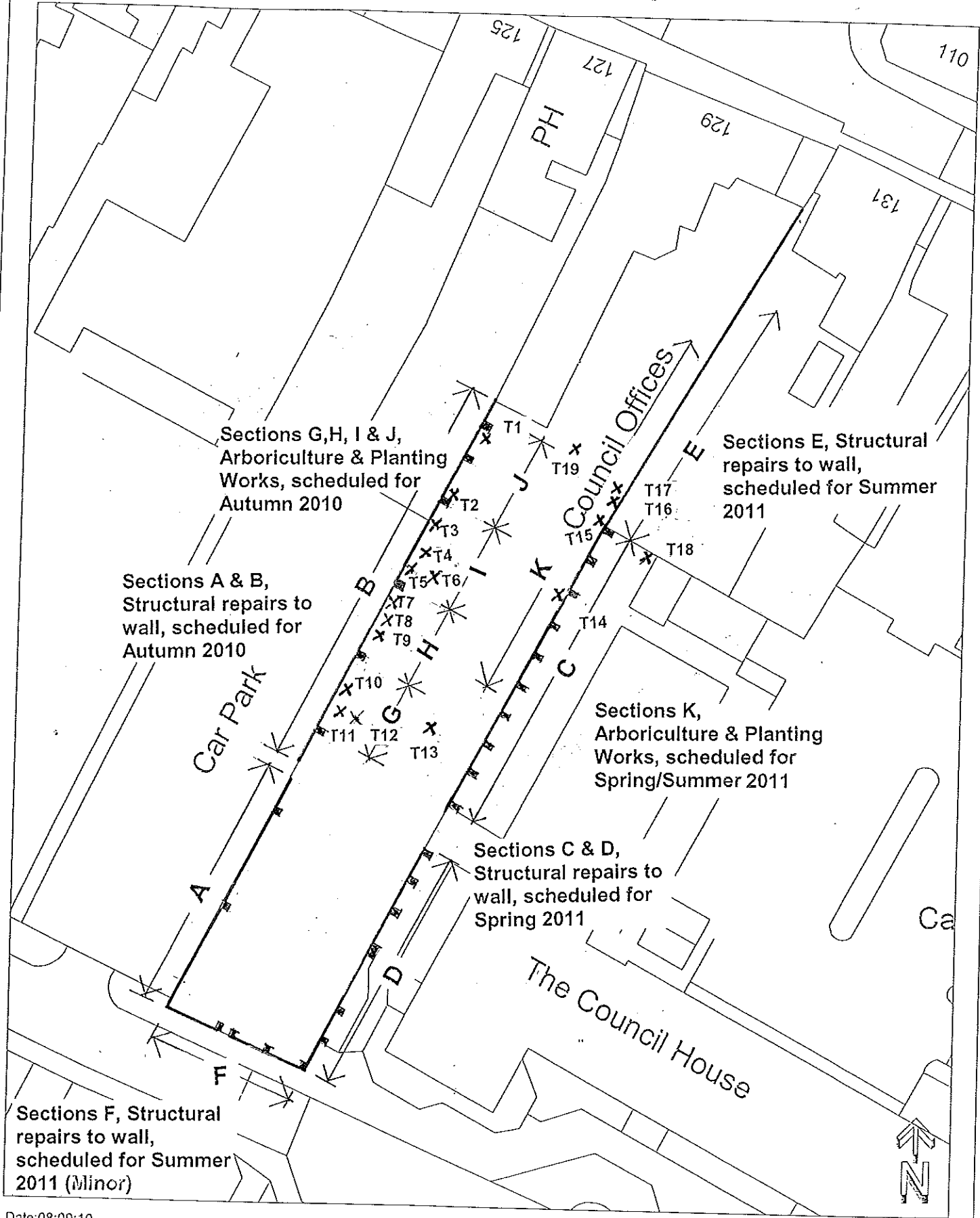
The Contact Officers for this report are Chris Jones (719265) and Peter Wharton (719275).

Background Papers

Local Government Act 1972 Section 100D, as substituted by the Local Government Act, 2000 Section 97

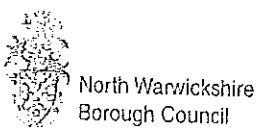
Background Paper No	Author	Nature of Background Paper	Date
None			

Old Bank House Garden

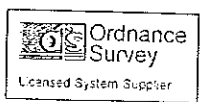


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Proposed Arboriculture, Planting and Structural Repairs to Walls



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Old Bank House Garden Wall and Trees
Appendix C: Programme of Arboricultural Works

Tree No.	Species	Comments and Notes	Recommendations	Work Phase
Phase 1				
T1	<i>Ficus carica</i> (fig)	Specimen exhibits a leaning and dominant tendency to the north east. The base is causing a number of direct structural issues with the wall which require resolving. Direct damage to wall.	Fell and remove stump due to direct impact it is having on the adjacent wall. The wall can not currently be repaired with the tree in this position.	Autumn 2010
T2	<i>Salix caprea</i> (goat willow)	Specimen exhibits a leaning and dominant tendency to the north east. It has grown from the base of the wall. The base is causing a number of direct structural issues with the wall which require resolving. Direct damage to wall.	Fell and remove stump due to impact it is having on the adjacent wall. The wall can not currently be repaired with the tree in this position.	Autumn 2010
T3	<i>Salix caprea</i> (goat willow)	Specimen exhibits a leaning and dominant tendency to the north east. It has grown from the base of the wall. The base is causing a number of direct structural issues with the wall which require resolving. Direct damage to wall.	Fell and remove stump due to impact it is having on the adjacent wall. The wall can not currently be repaired with the tree in this position.	Autumn 2010
T4	<i>Prunus spp.</i> (cherry)	Small slender specimen located adjacently to historic wall. There are number tight included forking unions associated with the trees which are inherently weak. Requires removing to create safe working zone.	Fell to create safe working zone.	Autumn 2010
T5	<i>Magnolia grandiflora</i> (Southern evergreen magnolia)	Small slender specimen located adjacently to historic wall. Requires removing to create safe working zone.	Fell to create safe working zone.	Autumn 2010

Old Bank House Garden Wall and Trees
Appendix C: Programme of Arboricultural Works

Tree No.	Species	Comments and Notes	Recommendations	Work Phase
T6	<i>Cryptomeria japonica</i> Japanese red cedar	Specimen exhibits a leaning tendency to the east from 0m towards the footpath. Due to leaning tendency tree will have a limited structural life. Additionally with the removal of the two adjacent trees it will be exposed to additional forces which it has not adapted to.	Could be retained until Phase 3 and the felled as part of wider landscaping scheme. However due to leaning tendency and the removal of adjacent trees the canopy will be subject to additional forces and as a result could fail. It is advised that it be removed as part of initial works.	Autumn 2010
T7	<i>Ficus carica</i> (fig)	Specimen exhibits a leaning and dominant tendency to the north east. The base is causing a number of structural issues with the wall which require resolving. Direct damage to wall.	Fell and remove stump due to impact it is having on the adjacent wall.	Autumn 2010
T8	<i>Ficus carica</i> (fig)	Specimen exhibits a leaning and dominant tendency to the south. The base is causing a number of structural issues with the wall which require resolving. Direct damage to wall.	Fell and remove stump due to impact it is having on the adjacent wall.	
T9	<i>Pyrocantha sp.</i> (Firethorn)	Small specimen which provides under story cover.	Fell to provide safe working zone.	Autumn 2010
T13	<i>Quercus petraea</i> (Sessile oak)	Large mature specimen of high amenity value and is currently in good overall condition. The canopy appears dense and well formed, however there is some large deadwood associated with the lower canopy.	Remove large diameter deadwood.	Autumn 2010
T15	<i>Robinia pseudoacacia</i> (False acacia)	Specimen has a leaning tendency to the south and dominant canopy in the same direction due to the proximity of other trees. Trunk is clad in dead ivy. Large deadwood associated with the canopy.	Remove large diameter deadwood and dead ivy.	Autumn 2010
T16	<i>Robinia pseudoacacia</i> (False acacia)	Specimen has a leaning tendency to the east and dominant canopy in the same direction due to the proximity of other trees. Trunk is clad in dead ivy. Large deadwood associated with the canopy.	Remove large diameter deadwood and dead ivy.	Autumn 2010
T18	<i>Tilia x europaea</i> (Common lime)	Middle aged specimen located adjacently to office out building. Canopy is well formed however located is in direct contact with building beneath it.	Lift lower canopy to provide a 2m clearance of building beneath.	Autumn 2010

Old Bank House Garden Wall and Trees
Appendix C: Programme of Arboricultural Works

Tree No.	Species	Comments and Notes	Recommendations	Work Phase
Phase 2				
T14	<i>Salix caprea</i> (Goat willow)	Mature specimen which has grown directly adjacent to the historic wall and both the lower canopy and roots are having an adverse affect on the structural integrity of the wall. It is accepted that for every storey of bricks a 25mm lean is safe. Currently there is a minimum lean of 150mm which is considered to be a foreseeable risk of failure and should be acted upon.	Fell and remove stump due to impact it is having on the adjacent wall prior to undertaking repair works as second phase.	Spring 2011
Phase 3				
T10	<i>Liriodendron tulipifera</i> (Tulip)	Young specimen which exhibits a number of tight included forking unions which are likely in future years to limited its structural life. The tree has also been suppressed on the southern side during its establishment.	Fell as part of wider landscaping scheme as part of 3 rd phase of work.	Autumn 2011
T11	<i>Prunus spp.</i> (cherry)	Small specimen located beneath large mature oak tree.	Fell as part of wider landscaping scheme as part of 3 rd phase of work.	Autumn 2011
T12	<i>Prunus spp.</i> (cherry)	Small specimen located beneath large mature oak tree.	Fell as part of wider landscaping scheme as part of 3 rd phase of work.	Autumn 2011
T19	<i>Viburnum spp.</i>	Large multi-stemmed viburnum located to the north of the formal gardens. Specimen is overgrown and could be better replaced with a more appropriate tree.	Fell as part of wider landscaping scheme as part of 3 rd phase of work.	Autumn 2011

Old Bank House Garden Wall and Trees
Appendix D: Planting Schedule

Planting Area	Tree Species	Quantity	Work Phase
G	Amelanchier lamarkii	1 no.	Autumn 2011
G	Liriodendron tulipifera	1 no.	Autumn 2011
H	Sorbus torminalis	1 no.	Autumn 2010
I	Crataegus "Rosea Flore Pleno"	1 no.	Autumn 2010
Planting Area	Shrub Species	Quantity	Work Phase
G	Camellia "Moshe Dayan"	1 no.	Autumn 2011
G	Eleagnus ebbingei	1 no.	Autumn 2011
G	Philadelphus "Virginal"	1 no.	Autumn 2011
G	Viburnum burkwoodii	1 no.	Autumn 2011
G	Viburnum plicatum "Mariesii"	1 no.	Autumn 2011
H	Ceanothus impressus	1 no.	Autumn 2010
H	Cytisus battandieri	1 no.	Autumn 2010
H	Perovskia atriplicifolia	3 no.	Autumn 2010
H	Phlomis fruticosa	3 no.	Autumn 2010
I	Rosa glauca	1 no.	Autumn 2010
I	Viburnum bodnantense "Dawn"	1 no.	Autumn 2010
I	Weigela "Bristol Ruby"	2 no.	Autumn 2010
J	Cotoneaster horizontalis	2 no.	Autumn 2010
J	Euonymus fortunei "Silver Queen"	4 no.	Autumn 2010
Planting Area	Herbaceous Species	Quantity	Work Phase
G	Catananche caerulea "Alba"	5 no.	Autumn 2011
G	Geranium phaeum "Album"	5 no.	Autumn 2011
G	Helleborus niger "White Magic"	5 no.	Autumn 2011
G	Iris germanica "White Knight"	3 no.	Autumn 2011
G	Verbascum chaixii "Album"	3 no.	Autumn 2011
H	Camassia leichtlinii	5 no.	Autumn 2010
H	Hemerocallis "Golden Chimes"	3 no.	Autumn 2010
H	Iris sibirica "Perry's Blue"	3 no.	Autumn 2010
H	Kniphofia "Little Maid"	5 no.	Autumn 2010
H	Nepeta "Six Hills Giant"	3 no.	Autumn 2010
H	Solanum crispum "Glasnevin"	2 no.	Autumn 2010
I	Convolvulus cneorum	3 no.	Autumn 2010
I	Dianthus "Doris"	3 no.	Autumn 2010
I	Helianthemum "Laurensens Pink"	3 no.	Autumn 2010
I	Iris germanica	3 no.	Autumn 2010
I	Liatris spicata	3 no.	Autumn 2010
I	Monarda "Croftway Pink"	3 no.	Autumn 2010
I	Paeonia "Sarah Bernhard"	3 no.	Autumn 2010
I	Sedum spectabile	3 no.	Autumn 2010
J	Stachys byzantina	3 no.	Autumn 2010
J	Convallaria majalis	5 no.	Autumn 2010
J	Hosta "Big Daddy"	3 no.	Autumn 2010

Old Bank House Garden Wall and Trees

Appendix E: Schedule of Trees to be Felled in Arboricultural Works Contract 2010 (excluding Old Bank House Garden)

Site		Tree No.	Species	Comments and Notes	Recommendations
Atherstone	Meadow Street Gardens	G2	Group of 5no. <i>Prunus spp.</i> (cherries)	The trees are located within a hedge to the south of a row of bungalows which have small gardens. The trees are overbearing for the size of adjacent properties.	Fell to ground level
Grendon	Recreation Ground rear of Penmire Close	T1	<i>Sorbus aria</i> (whitebeam)	Dead tree within a group	Fell to ground level
Arley	Rowland Court	T1	<i>Crataegus monogyna</i> (hawthorn)	Small specimen which exhibits considerable canopy dieback: appears to be in terminal decline	Fell to ground level and grind stump
		T3	<i>Aesculus hippocastanum</i> (horse chestnut)	Canopy exhibits significant deadwood and dieback and appears to be in terminal decline	Fell to ground level and grind stump
		T5	<i>Aesculus hippocastanum</i> (horse chestnut)	Large longitudinal bark wounding associated with evidence of bleeding canker. Canopy is suppressed by large adjacent trees. Dieback associated with the canopy.	Fell to ground level and grind stump
Arley	Colliers Way	G1	16no. <i>X Cupressocyparis leylandii</i> (Leyland cypress)	Line of trees located on the boundary of Jacksons' site, all of which have been significantly scorched in the recent fire.	Fell to ground level (work on behalf of Jacksons)
		G2	31no. <i>X Cupressocyparis leylandii</i> (Leyland cypress)	Line of trees located on steep embankment originally planted as screening to Jacksons. Following the fire it has been highlighted that that these area security risk and block CCTV cameras.	Fell to ground level and grind stumps. Replace with more suitable planting
		T3	<i>Populus x canadensis</i> (hybrid black poplar)	Multi-stemmed specimen located adjacent to staircase, to which it is causing damage. Canopy has been scorched in the fire and has previously been reduced. Specimen has a limited useful life remaining due to both its location and condition.	Fell to ground level and grind stump
		T4	<i>Betula pendula</i>	Co-dominant stems from 0.5m. There is significant root damage to the east following demolition of adjacent building. Canopy has been significantly scorched during the fire.	Fell to ground level

Old Bank House Garden Wall and Trees

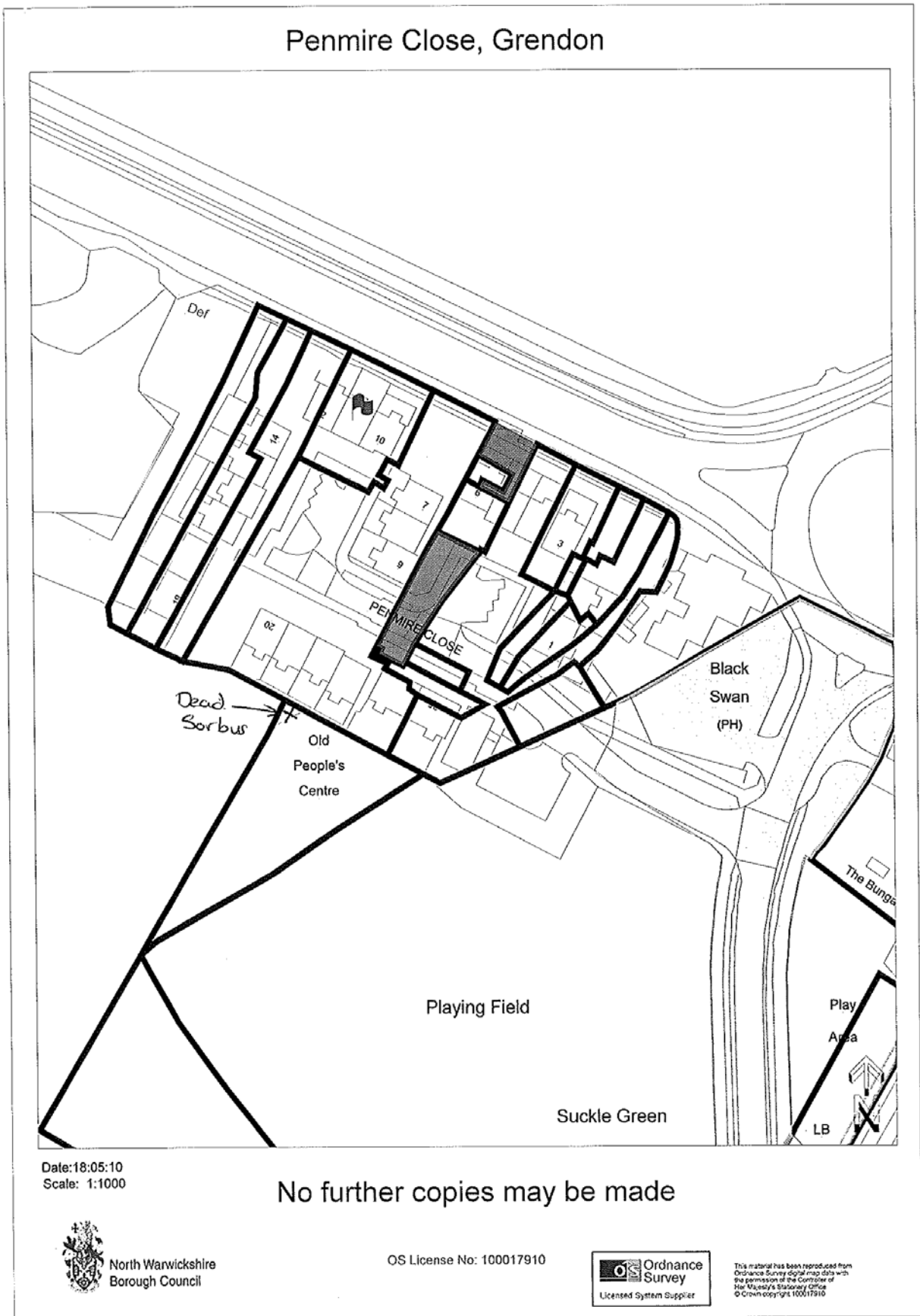
Appendix E: Schedule of Trees to be Felled in Arboricultural Works Contract 2010 (excluding Old Bank House Garden)

Site		Tree No.	Species	Comments and Notes	Recommendations
Arley	Colliers Way (continued)	G5	Group of <i>Alnus glutinosa</i> , <i>Betula pendula</i> , <i>Salix caprea</i> , <i>Fraxinus excelsior</i> , <i>Quercus robur</i> (alder, silver birch, goat willow, ash and oak)	Group of trees located on a bund adjacent to Jacksons. Trees have been damaged during the fire.	Fell all fire damaged trees over 3m in height and leave stumps. Retain understorey of brambles and replant trees. Woodchip to be left on site.
Shustoke	The Green	T1	<i>Fraxinus excelsior</i> (ash)	Middle-aged specimen located adjacent to the highway on a small bund. The tree is multi-stemmed from 1.2m with a number of slender structural limbs. There is <i>Inonotus hispidus</i> associated with both the lower trunk and also the eastern scaffold at 0.5m above the main union. The dacy fungus is likely to cause structural failure in future years.	Fell to ground level and grind stump
Kingsbury	Chestnut Close	G4	Group of <i>Acer pseudoplatanus</i> (sycamore)	Small group of sycamore that are causing direct damage to adjacent boundary wall. Damage will increase unless the trees are removed.	Fell to ground level and grind stumps to below ground level
	Pear Tree Avenue	T4	<i>Sorbus aucuparia</i> (rowan)	Co-dominant stems from 0m with included bark union. Canopy appears sparse and is in terminal physiological decline. Specimen has no future potential and is liable to branch failure as the wood becomes more brittle	Fell to ground level

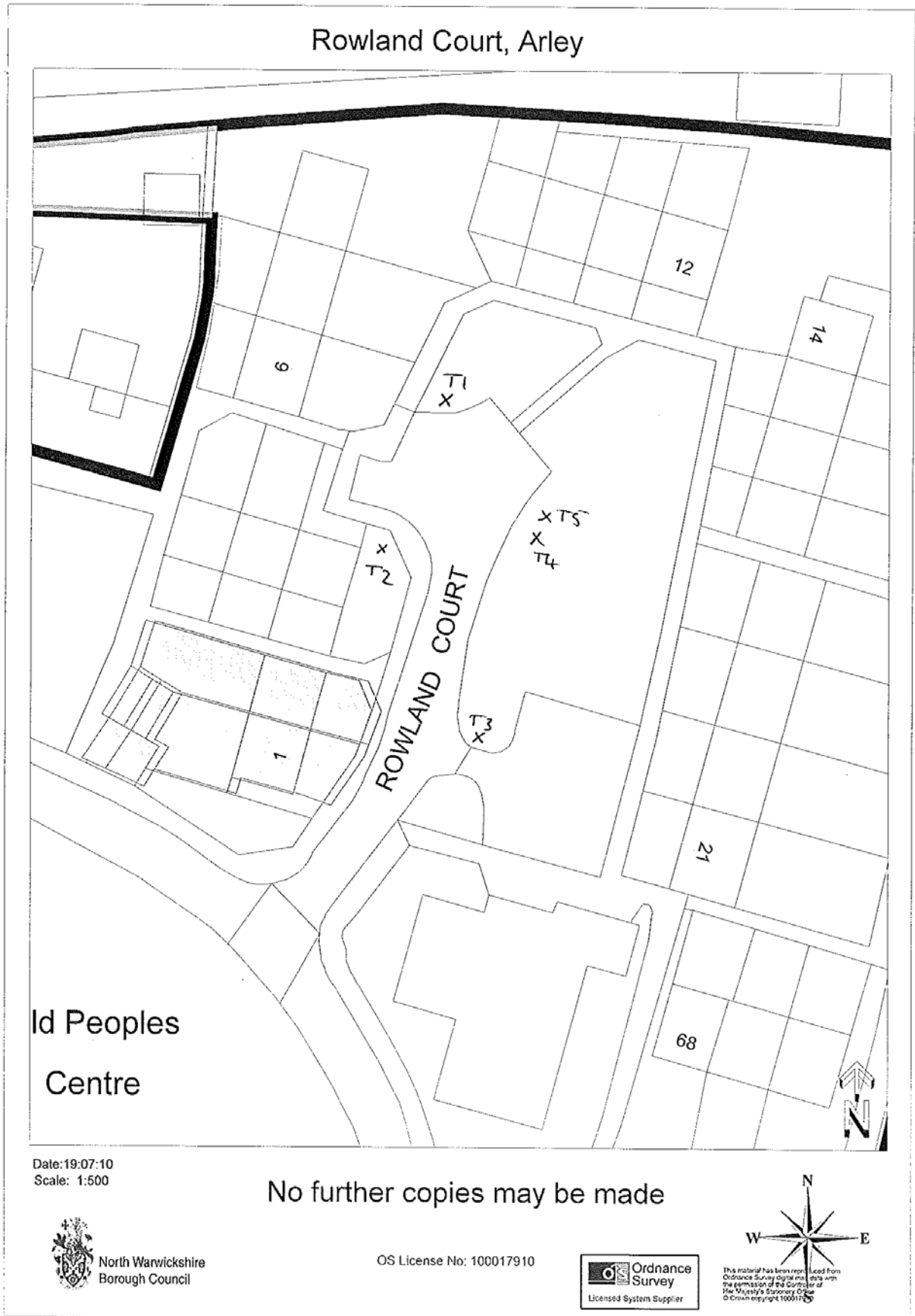
Old Bank House Garden Wall and Trees
Appendix E: Schedule of Trees to be Felled in Arboricultural Works Contract 2010
(excluding Old Bank House Garden)



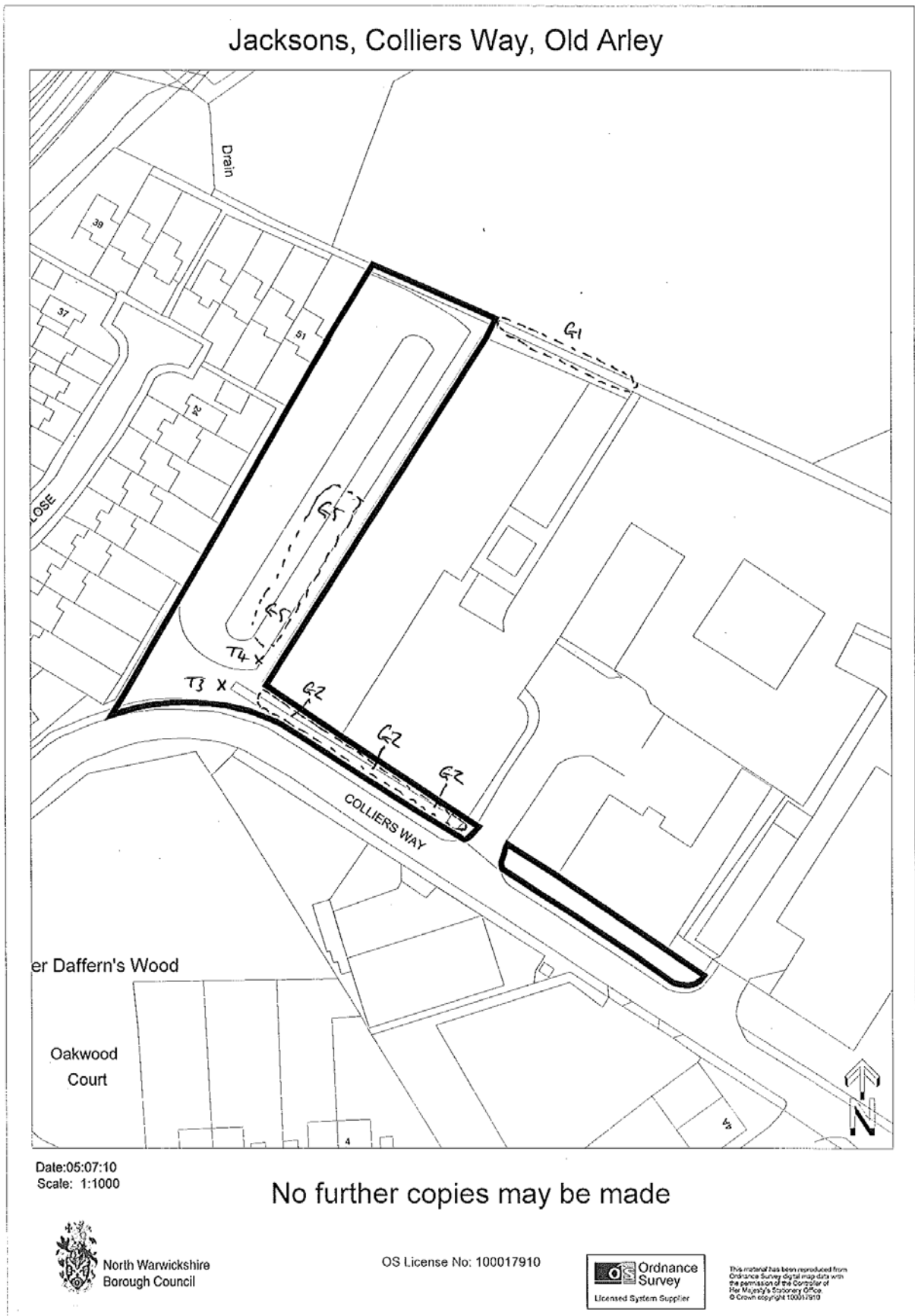
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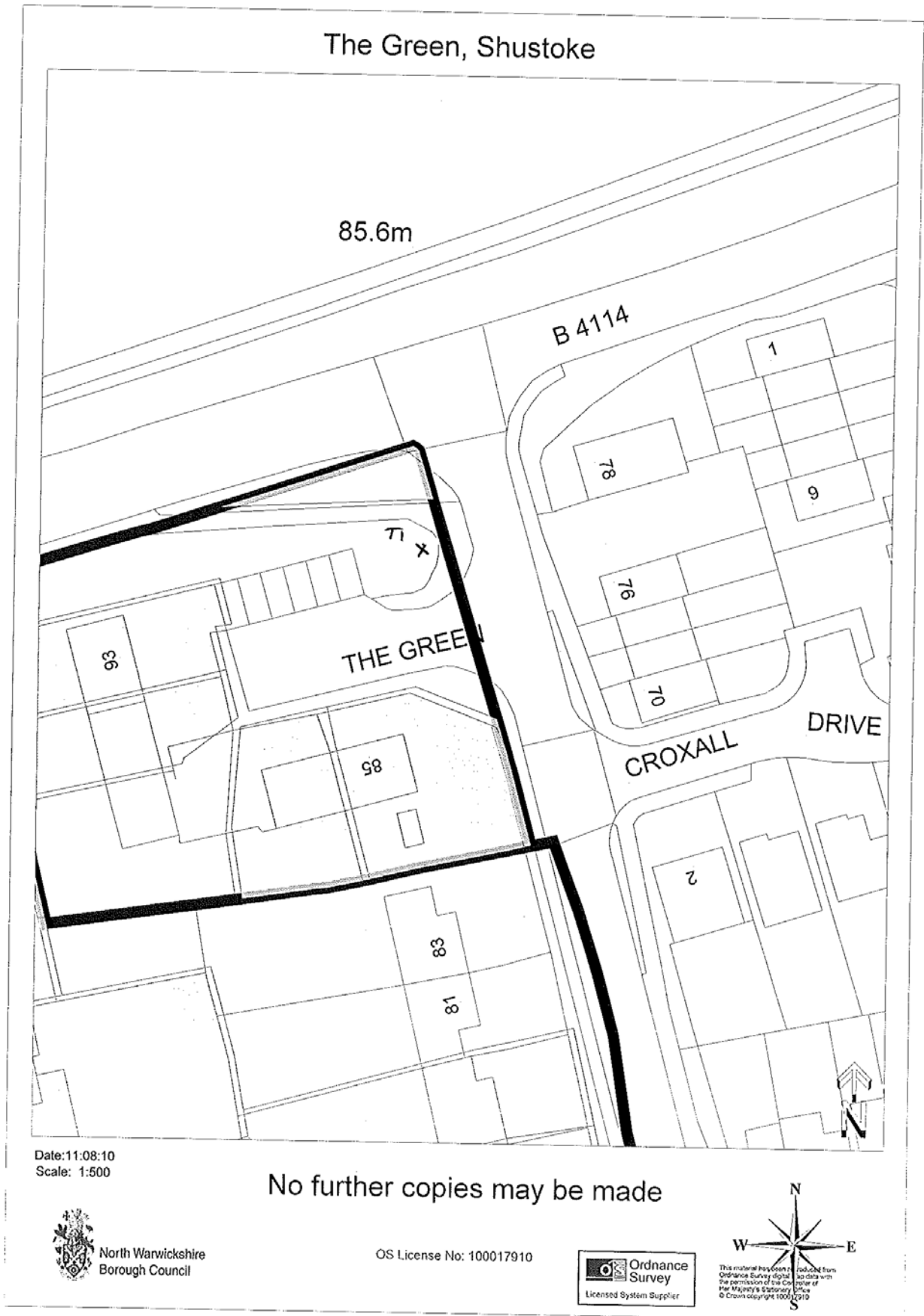
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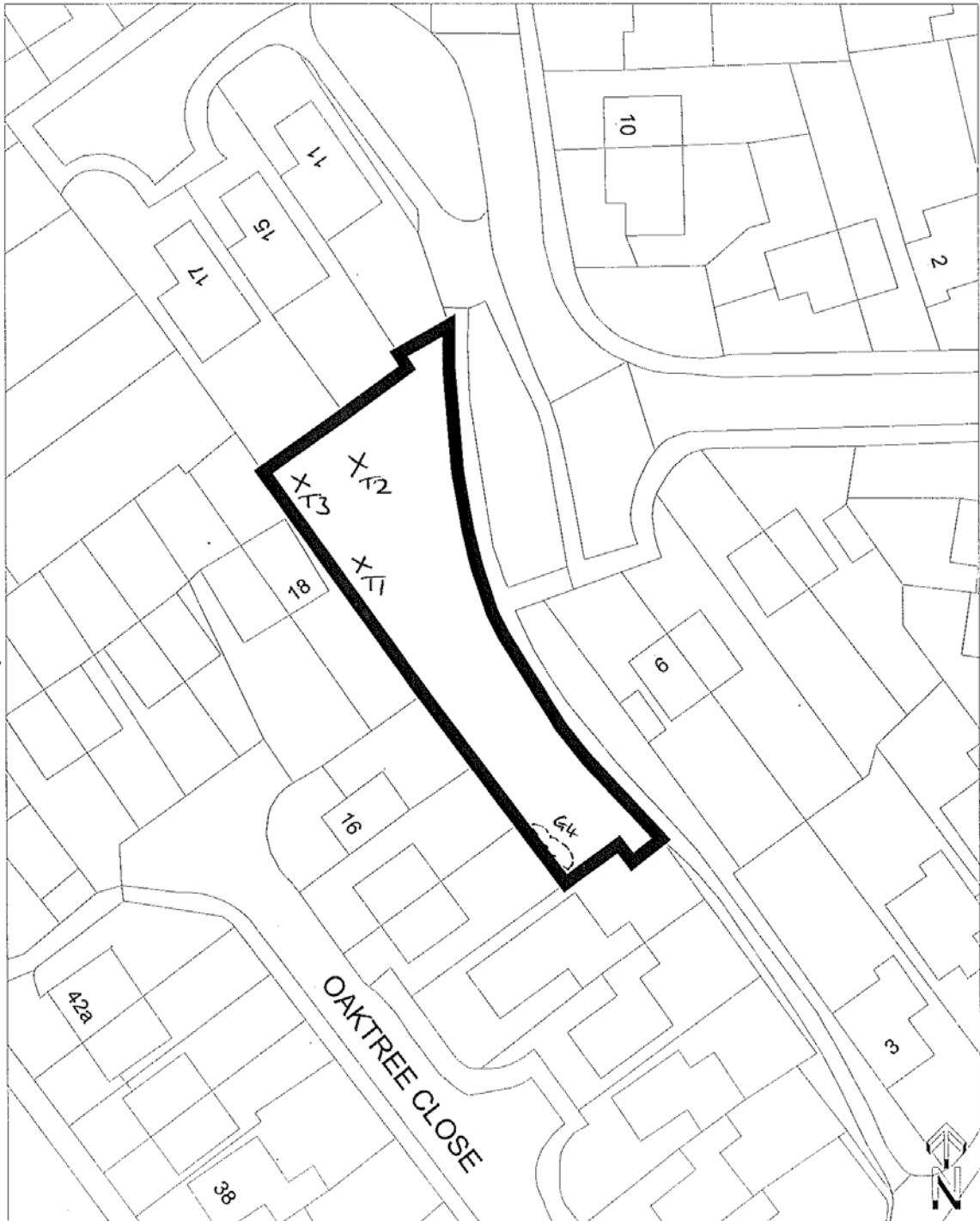


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Land at Chestnut Close, Kingsbury



Date: 29/06/10
Scale: 1:500

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