



**BARNSLEY**  
Metropolitan Borough Council

**CANNON HALL COUNTRY PARK -  
PLAY AREA DEVELOPMENT (Mark 3)**

**BARK HOUSE LANE**

**CAWTHORNE**

January 2012



# **BARNSLEY**

Metropolitan Borough Council

## TITLE & DATE

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| Tree ID | Surveyor    | Date Surveyed | Easting  | Northing | General Position                                                 | Position Details                                                                                                                                         | Site Type     | Site Owner             |
|---------|-------------|---------------|----------|----------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|
| 001     | Andie Nixon | 27-Jan-2012   | 427272.4 | 407972.1 | Cannon Hall Country Park - adjacent to the lower public car park | Between the South West corner of Pond 2 and the Eastern edge of the car park - on the Northern fenceline of the proposed play development                | Open Parkland | BMBC cultural Services |
| 002     | Andie Nixon | 27-Jan-2012   | 427285.5 | 407975.2 | Cannon Hall Country Park - adjacent to the lower public car park | Adjacent to the southern edge of Pond 2 - close to the culvert - North of the proposed play development                                                  | Open Parkland | BMBC cultural Services |
| 003     | Andie Nixon | 27-Jan-2012   | 427305.4 | 407984.8 | Cannon Hall Country Park - adjacent to the lower public car park | A group of 2 trees adjacent to the Southern edge of the lower pond (Pond 2) - on the Northern boundary of the proposed play development                  | Open Parkland | BMBC cultural Services |
| 004     | Andie Nixon | 27-Jan-2012   | 427309.5 | 407987.8 | Cannon Hall Country Park - adjacent to the lower public car park | A group of 2 trees adjacent to the Southern edge of the lower pond (Pond 2) - on the Northern boundary of the proposed play development                  | Open Parkland | BMBC cultural Services |
| 005     | Andie Nixon | 27-Jan-2012   | 427320.0 | 407973.4 | Cannon Hall Country Park - adjacent to the lower public car park | A solitary Lime 25 metres South of the lower pond (Pond 2) - on the eastern boundary of the proposed play development                                    | Open Parkland | BMBC cultural Services |
| 006     | Andie Nixon | 27-Jan-2012   | 427323.3 | 407968.8 | Cannon Hall Country Park - adjacent to the lower public car park | Part of a group of 2 Limes situated North of the large relic willow stump and south of Pond 2                                                            | Open Parkland | BMBC cultural Services |
| 007     | Andie Nixon | 27-Jan-2012   | 427334.5 | 407970.1 | Cannon Hall Country Park - adjacent to the lower public car park | Part of a group of 2 Limes situated North of the large relic willow stump and south of Pond 2                                                            | Open Parkland | BMBC cultural Services |
| 008     | Andie Nixon | 27-Jan-2012   | 427326.9 | 407959.6 | Cannon Hall Country Park - adjacent to the lower public car park | A large remnant willow stump along the Eastern edge of the development                                                                                   | Open Parkland | BMBC cultural Services |
| 009     | Andie Nixon | 27-Jan-2012   | 427337.9 | 407956.0 | Cannon Hall Country Park - adjacent to the lower public car park | Part of a group of 3 Limes situated South of the large relic willow stump and south of Pond 2 - on the Eastern boundary of the proposed play development | Open Parkland | BMBC cultural Services |
| 010     | Andie Nixon | 27-Jan-2012   | 427334.1 | 407949.1 | Cannon Hall Country Park - adjacent to the lower public car park | Part of a group of 3 Limes situated South of the large relic willow stump and south of Pond 2 - on the Eastern boundary of the proposed play development | Open Parkland | BMBC cultural Services |
| 011     | Andie Nixon | 27-Jan-2012   | 427326.9 | 407946.4 | Cannon Hall Country Park - adjacent to the lower public car park | Part of a group of 3 Limes situated South of the large relic willow stump and south of Pond 2 - on the Eastern boundary of the proposed play development | Open Parkland | BMBC cultural Services |
| 012     | Andie Nixon | 27-Jan-2012   | 427329.0 | 407937.9 | Cannon Hall Country Park - adjacent to the lower public car park | Part of a group of 4 mature Crack Willows between the Southern edge of the proposed play development and the lake                                        | Open Parkland | BMBC cultural Services |

| Tree ID | Authority Protection | Tree Species               | Common Name    | Age Class    | Height (mts) | Diam. (mts) | North (mts) | East (mts) | South (mts) | West (mts) | Tree Vigour |
|---------|----------------------|----------------------------|----------------|--------------|--------------|-------------|-------------|------------|-------------|------------|-------------|
| 001     | None                 | <i>Salix x chrysocoma</i>  | Weeping Willow | Mature       | 11.10        | 0.75        | 4.70        | 6.40       | 7.40        | 7.80       | Good        |
| 002     | None                 | <i>Acer pseudoplatanus</i> | Sycamore       | Mature       | 10.50        | 0.34        | 5.60        | 5.00       | 3.70        | 5.40       | Good        |
| 003     | None                 | <i>Salix fragilis</i>      | Crack Willow   | Mature       | 10.90        | 0.24        | 4.20        | 2.60       | 3.70        | 6.50       | Good        |
| 004     | None                 | <i>Salix fragilis</i>      | Crack Willow   | Mature       | 11.30        | 0.27        | 4.00        | 4.30       | 9.50        | 3.40       | Good        |
| 005     | None                 | <i>Tilia x Europaea</i>    | Common Lime    | Mature       | 20.80        | 1.06        | 8.40        | 7.30       | 6.30        | 6.80       | Good        |
| 006     | None                 | <i>Tilia x Europaea</i>    | Common Lime    | Early Mature | 9.70         | 0.26        | 3.70        | 3.80       | 3.50        | 3.30       | Good        |
| 007     | None                 | <i>Tilia x Europaea</i>    | Common Lime    | Early Mature | 10.10        | 0.30        | 4.20        | 4.30       | 4.30        | 3.70       | Good        |
| 008     | None                 | <i>Salix fragilis</i>      | Crack Willow   | N/A          | 3.80         | <0.1        | 1.00        | 1.00       | 1.00        | 1.00       | Stump regen |
| 009     | None                 | <i>Tilia x Europaea</i>    | Common Lime    | Early Mature | 11.60        | 0.34        | 5.00        | 4.80       | 5.10        | 3.80       | Good        |
| 010     | None                 | <i>Tilia x Europaea</i>    | Common Lime    | Early Mature | 11.30        | 0.33        | 3.80        | 6.10       | 7.50        | 5.20       | Good        |
| 011     | None                 | <i>Tilia x Europaea</i>    | Common Lime    | Early Mature | 9.70         | 0.31        | 4.10        | 3.70       | 4.70        | 4.80       | Good        |
| 012     | None                 | <i>Salix fragilis</i>      | Crack Willow   | Mature       | 14.90        | 0.60        | 8.80        | 10.70      | 5.60        | 9.50       | Good        |

| Tree ID | Comments on Tree Form                                                           | Root Defects            | Trunk Defects                                       | Scaffold Defects                                                                                                          | Crown Defects                                                                    |
|---------|---------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| 001     | The trunk of this tree is short - dividing into multiple branches at 1.5 metres | None noted at this time | None noted at this time                             | There are no actual defects but the crown hangs very low over the edge of the development and may need a little attention | None noted at this time                                                          |
| 002     | Good - Typical of the species                                                   | None noted at this time | None noted at this time                             | None noted at this time                                                                                                   | None noted at this time                                                          |
| 003     | Triple stemmed from the base                                                    | None noted at this time | None noted at this time                             | None noted at this time                                                                                                   | There are a few small low branches                                               |
| 004     | Double stemmed from the base                                                    | None noted at this time | None noted at this time                             | None noted at this time                                                                                                   | There are a few small low branches                                               |
| 005     | Excellent specimen - This tree has an existing survey number tag - 0180         | None noted at this time | The base of the trunk has numerous epicormic shoots | None noted at this time                                                                                                   | There are several low branches and small dead branches retained within the crown |
| 006     | Good - Typical of the species                                                   | None noted at this time | None noted at this time                             | None noted at this time                                                                                                   | None noted at this time                                                          |
| 007     | Good - Typical of the species                                                   | None noted at this time | None noted at this time                             | None noted at this time                                                                                                   | None noted at this time                                                          |
| 008     | Remnant stump with a small amount of regenerated live wood                      | N/A                     | N/A                                                 | N/A                                                                                                                       | N/A                                                                              |
| 009     | Good - Typical of the species                                                   | None noted at this time | None noted at this time                             | None noted at this time                                                                                                   | None noted at this time                                                          |
| 010     | Good - Typical of the species                                                   | None noted at this time | None noted at this time                             | None noted at this time                                                                                                   | None noted at this time                                                          |
| 011     | Good - Typical of the species                                                   | None noted at this time | None noted at this time                             | None noted at this time                                                                                                   | None noted at this time                                                          |
| 012     | Excellent specimen - This tree has an existing survey number tag - 0187         | None noted at this time | None noted at this time                             | None noted at this time                                                                                                   | A small number of minor dead branches are retained within the crown              |

| Tree ID | Obstructions to Growth                                                                                              | Obstructions By Tree                                             | Damage Caused           | Defect & Problem Control                                            |
|---------|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------|
| 001     | The close proximity of this tree to the busy car park will create conflict with the low hanging nature of the crown | Several low branches may affect the installation of the boundary | None noted at this time | Crown lift to give clearance under the crown                        |
| 002     | None noted at this time                                                                                             | None noted at this time                                          | None noted at this time | None required at this time                                          |
| 003     | None noted at this time                                                                                             | None noted at this time                                          | None noted at this time | Light crown lift to required height clearance for users of the park |
| 004     | None noted at this time                                                                                             | None noted at this time                                          | None noted at this time | Light crown lift to required height clearance for users of the park |
| 005     | None noted at this time                                                                                             | None noted at this time                                          | None noted at this time | Crown Clean and Crown Lift                                          |
| 006     | None noted at this time                                                                                             | None noted at this time                                          | None noted at this time | None required at this time                                          |
| 007     | None noted at this time                                                                                             | None noted at this time                                          | None noted at this time | None required at this time                                          |
| 008     | N/A                                                                                                                 | N/A                                                              | N/A                     | None required at this time                                          |
| 009     | None noted at this time                                                                                             | None noted at this time                                          | None noted at this time | None required at this time                                          |
| 010     | None noted at this time                                                                                             | None noted at this time                                          | None noted at this time | None required at this time                                          |
| 011     | None noted at this time                                                                                             | None noted at this time                                          | None noted at this time | None required at this time                                          |
| 012     | None noted at this time                                                                                             | None noted at this time                                          | None noted at this time | Crown lift and clean to remove dead wood                            |

| Tree ID | Surveyor    | Date Surveyed | Easting    | Northing | General Position                                                 | Position Details                                                                                                                                                              | Site Type     | Site Owner             |
|---------|-------------|---------------|------------|----------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|
| 013     | Andie Nixon | 27-Jan-2012   | 427330.3   | 407928.7 | Cannon Hall Country Park - adjacent to the lower public car park | Part of a group of 4 mature Crack Willows between the Southern edge of the proposed play development and the lake                                                             | Open Parkland | BMBC cultural Services |
| 014     | Andie Nixon | 27-Jan-2012   | 427326.9   | 407918.9 | Cannon Hall Country Park - adjacent to the lower public car park | Part of a group of 4 mature Crack Willows between the Southern edge of the proposed play development and the lake                                                             | Open Parkland | BMBC cultural Services |
| 015     | Andie Nixon | 27-Jan-2012   | 427314.9   | 407923.4 | Cannon Hall Country Park - adjacent to the lower public car park | Part of a group of 4 mature Crack Willows between the Southern edge of the proposed play development and the lake                                                             | Open Parkland | BMBC cultural Services |
| 016     | Andie Nixon | 27-Jan-2012   | 427293.4   | 407937.2 | Cannon Hall Country Park - adjacent to the lower public car park | Situated adjacent to the South Eastern edge of the car park and the South Western boundary of the proposed play development - just outside the development area               | Open Parkland | BMBC cultural Services |
| 017     | Andie Nixon | 27-Jan-2012   | 42729831.0 | 407945.3 | Cannon Hall Country Park - adjacent to the lower public car park | Situated adjacent to the South Eastern edge of the car park and the South Western boundary of the proposed play development - just inside the development area                | Open Parkland | BMBC cultural Services |
| 018     | Andie Nixon | 27-Jan-2012   | 427288.0   | 407949.5 | Cannon Hall Country Park - adjacent to the lower public car park | Adjacent to the Eastern edge of the car park, but just inside the Western boundary of the proposed play development                                                           | Open Parkland | BMBC cultural Services |
| 019     | Andie Nixon | 27-Jan-2012   | 427293.8   | 407955.8 | Cannon Hall Country Park - adjacent to the lower public car park | Adjacent to the Eastern edge of the car park, but just inside the Western boundary of the proposed play development                                                           | Open Parkland | BMBC cultural Services |
| 020     | Andie Nixon | 27-Jan-2012   | 427282.6   | 407957.1 | Cannon Hall Country Park - adjacent to the lower public car park | Adjacent to the Eastern edge of the car park, but just inside the Western boundary of the proposed play development - close to the existing litter bins and information board | Open Parkland | BMBC cultural Services |
| 021     | Andie Nixon | 27-Jan-2012   | 427286.0   | 407965.8 | Cannon Hall Country Park - adjacent to the lower public car park | Adjacent to the Eastern edge of the car park, but just inside the Western boundary of the proposed play development                                                           | Open Parkland | BMBC cultural Services |
| 022     | Andie Nixon | 27-Jan-2012   | 427278.4   | 407963.6 | Cannon Hall Country Park - adjacent to the lower public car park | Adjacent to the Eastern edge of the car park, but just inside the Western boundary of the proposed play development                                                           | Open Parkland | BMBC cultural Services |

| Tree ID | Authority Protection | Tree Species               | Common Name                   | Age Class | Height (mts) | Diam. (mts) | North (mts) | East (mts) | South (mts) | West (mts) | Tree Vigour |
|---------|----------------------|----------------------------|-------------------------------|-----------|--------------|-------------|-------------|------------|-------------|------------|-------------|
| 013     | None                 | <i>Salix fragilis</i>      | Crack Willow                  | Mature    | 15.70        | 0.59        | 5.80        | 11.10      | 6.30        | 5.70       | Good        |
| 014     | None                 | <i>Salix fragilis</i>      | Crack Willow                  | Mature    | 16.40        | 0.53        | 2.80        | 9.20       | 11.00       | 6.40       | Good        |
| 015     | None                 | <i>Salix fragilis</i>      | Crack Willow                  | Mature    | 15.80        | 0.74        | 6.80        | 6.90       | 11.90       | 10.90      | Good        |
| 016     | None                 | <i>Quercus robur</i>       | English Oak (Pedunculate Oak) | Young     | 2.20         | <0.1        | 1.10        | <1.0       | <1.0        | <1.0       | Good        |
| 017     | None                 | <i>Betula pendula</i>      | Silver Birch                  | Young     | 3.10         | <0.1        | <1.0        | <1.0       | <1.0        | <1.0       | Good        |
| 018     | None                 | <i>Quercus robur</i>       | English Oak (Pedunculate Oak) | Young     | 3.00         | <0.1        | <1.0        | <1.0       | <1.0        | <1.0       | Good        |
| 019     | None                 | <i>Tilia x Europaea</i>    | Common Lime                   | Young     | 1.90         | <0.1        | <1.0        | <1.0       | <1.0        | <1.0       | Fair        |
| 020     | None                 | <i>Acer pseudoplatanus</i> | Sycamore                      | Mature    | 12.60        | 0.58        | 6.40        | 6.80       | 6.90        | 5.40       | Good        |
| 021     | None                 | <i>Quercus robur</i>       | English Oak (Pedunculate Oak) | Young     | 1.90         | <0.1        | <1.0        | <1.0       | <1.0        | <1.0       | Fair        |
| 022     | None                 | Unknown - Relic tump       | Unknown                       | N/A       | N/A          | N/A         | N/A         | N/A        | N/A         | N/A        | Relic Stump |

| Tree ID | Comments on Tree Form                                                                      | Root Defects                                                                                                                                                              | Trunk Defects           | Scaffold Defects        | Crown Defects                                                       |
|---------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------|---------------------------------------------------------------------|
| 013     | Excellent specimen - This tree has an existing survey number tag - 0189                    | None noted at this time                                                                                                                                                   | None noted at this time | None noted at this time | A small number of minor dead branches are retained within the crown |
| 014     | Excellent specimen - This tree has an existing survey number tag - 0190                    | Several roots are visible above the surface of the ground. Minor damage to the exposed roots has occurred                                                                 | None noted at this time | None noted at this time | None noted at this time                                             |
| 015     | An excellent specimen, typical growth habit for its species                                | None noted at this time                                                                                                                                                   | None noted at this time | None noted at this time | None noted at this time                                             |
| 016     | A small sturdy specimen, with no central leader - this tree was planted winter 2008        | None noted at this time                                                                                                                                                   | None noted at this time | None noted at this time | None noted at this time                                             |
| 017     | A well developed young specimen, with typical growth characteristics - planted winter 2008 | None noted at this time                                                                                                                                                   | None noted at this time | None noted at this time | None noted at this time                                             |
| 018     | A small sturdy specimen, with no central leader - this tree was planted winter 2008        | None noted at this time                                                                                                                                                   | None noted at this time | None noted at this time | None noted at this time                                             |
| 019     | A small spindley specimen with is drooping leader - planted during the winter of 2010      | None noted at this time                                                                                                                                                   | None noted at this time | None noted at this time | None noted at this time                                             |
| 020     | An excellent specimen, typical growth habit for its species                                | A significant number of roots and minor buttresses are evident, where persistent human and animal traffic have eroded the soil surface - the roots look in good condition | None noted at this time | None noted at this time | Several branches are quite low over the proposed development        |
| 021     | A slender specimen, with few branches - planted winter 2010                                | None noted at this time                                                                                                                                                   | None noted at this time | None noted at this time | None noted at this time                                             |
| 022     | Remnant stump - Dead                                                                       | N/A                                                                                                                                                                       | N/A                     | N/A                     | N/A                                                                 |

| Tree ID | Obstructions to Growth  | Obstructions By Tree                                                                  | Damage Caused           | Defect & Problem Control                                                                                                                                                                     |
|---------|-------------------------|---------------------------------------------------------------------------------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 013     | None noted at this time | None noted at this time                                                               | None noted at this time | Crown lift and clean to remove dead wood                                                                                                                                                     |
| 014     | None noted at this time | None noted at this time                                                               | None noted at this time | Monitor the degree of root exposure and subsequent damage                                                                                                                                    |
| 015     | None noted at this time | None noted at this time                                                               | None noted at this time | None required at this time                                                                                                                                                                   |
| 016     | None noted at this time | None noted at this time                                                               | None noted at this time | This is a very young specimen, growing within the boundary of the proposed play scheme. Protect the tree during the development works                                                        |
| 017     | None noted at this time | None noted at this time                                                               | None noted at this time | This is a very young specimen, growing within the boundary of the proposed play scheme. Protect the tree during the development works                                                        |
| 018     | None noted at this time | None noted at this time                                                               | None noted at this time | This is a very young specimen, growing within the boundary of the proposed play scheme. Protect the tree during the development works                                                        |
| 019     | None noted at this time | None noted at this time                                                               | None noted at this time | This is a very young specimen, growing within the boundary of the proposed play scheme. Protect the tree during the development works                                                        |
| 020     | None noted at this time | None noted at this time                                                               | None noted at this time | Consider protecting the root plate and re-instatement of the soil levels. Crown lift to remove low branches to prevent damage by development personnel and kids when the site becomes active |
| 021     | None noted at this time | None noted at this time                                                               | None noted at this time | This is a very young specimen, growing within the boundary of the proposed play scheme. Protect the tree during the development works                                                        |
| 022     | N/A                     | Possible trip hazard as this stump is inside the boundary of the proposed development | None noted at this time | Consider removing by stump grinding to below existing soil level                                                                                                                             |



CANNON HALL PLAY AREA MARK 3 - TREE 01



CANNON HALL PLAY AREA MARK 3 - TREE 05



CANNON HALL PLAY AREA MARK 3 - TREE 08



CANNON HALL PLAY AREA MARK 3 - TREE 14



CANNON HALL PLAV AREA MARK 3 TREE 15



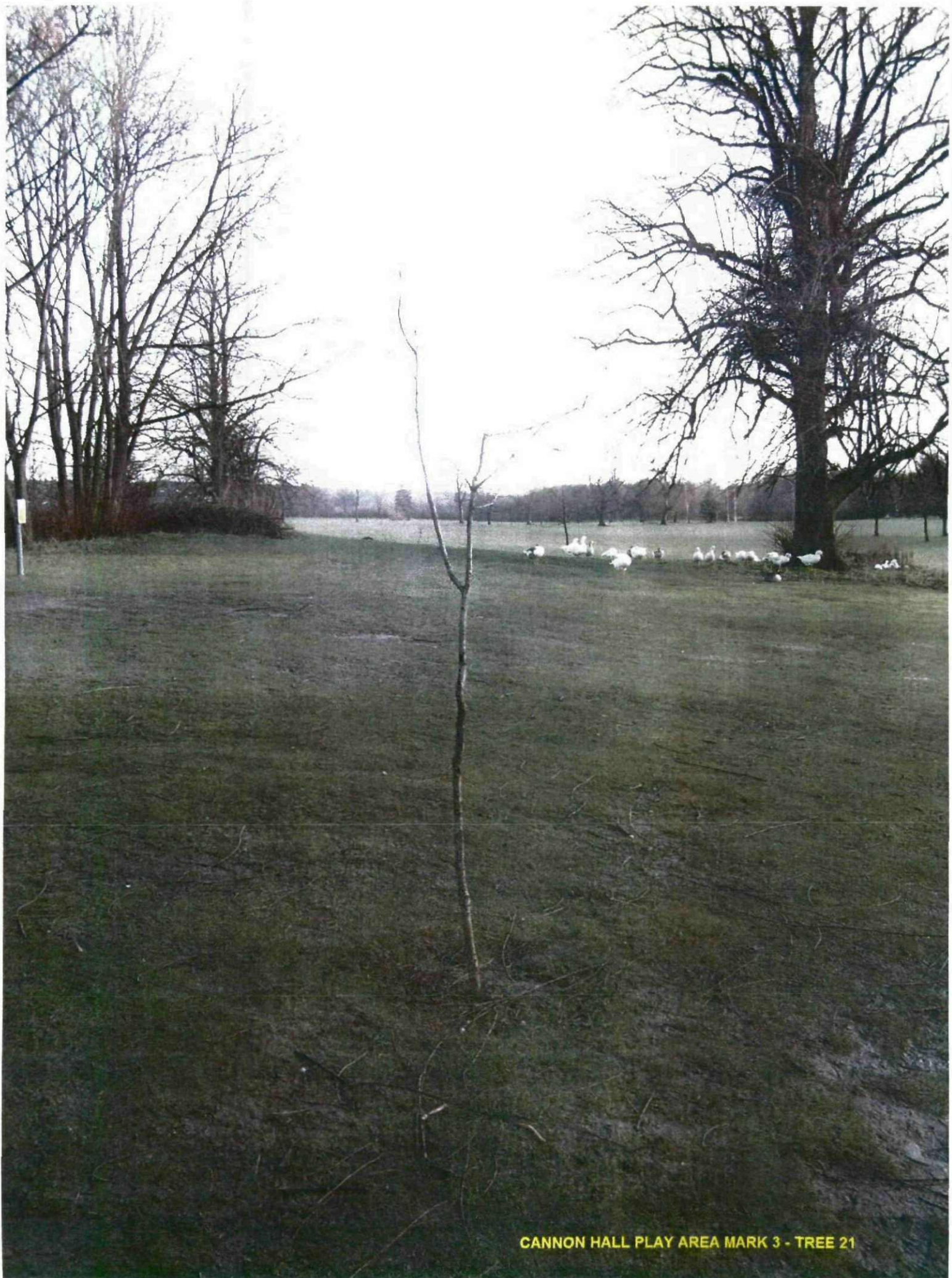
CANNON HALL PLAY AREA MARK 3 - TREE 16



CANNON HALL PLAY AREA MARK 3 - TREE 19



CANNON HALL PLAY AREA MARK 3 - TREE 20

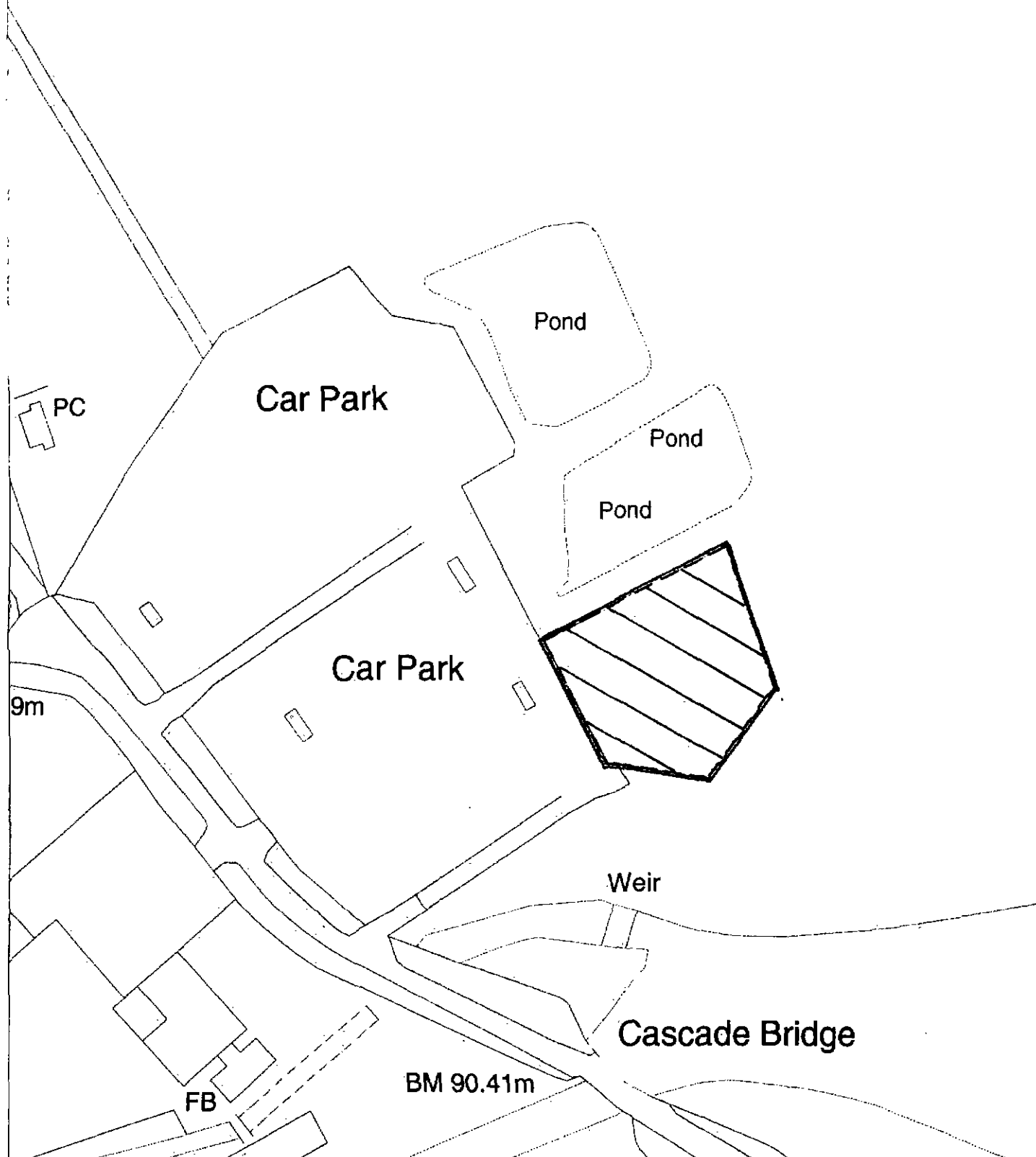


CANNON HALL PLAY AREA MARK 3 - TREE 21



CANNON HALL PLAY AREA MARK 3 - TREE 22

This document is prepared to show the proposed layout of the  
 Cannon Hall Play Zone. It is not a site plan and should not be used  
 for any other purpose. It is the responsibility of the user to ensure  
 that the information is correct and up to date.



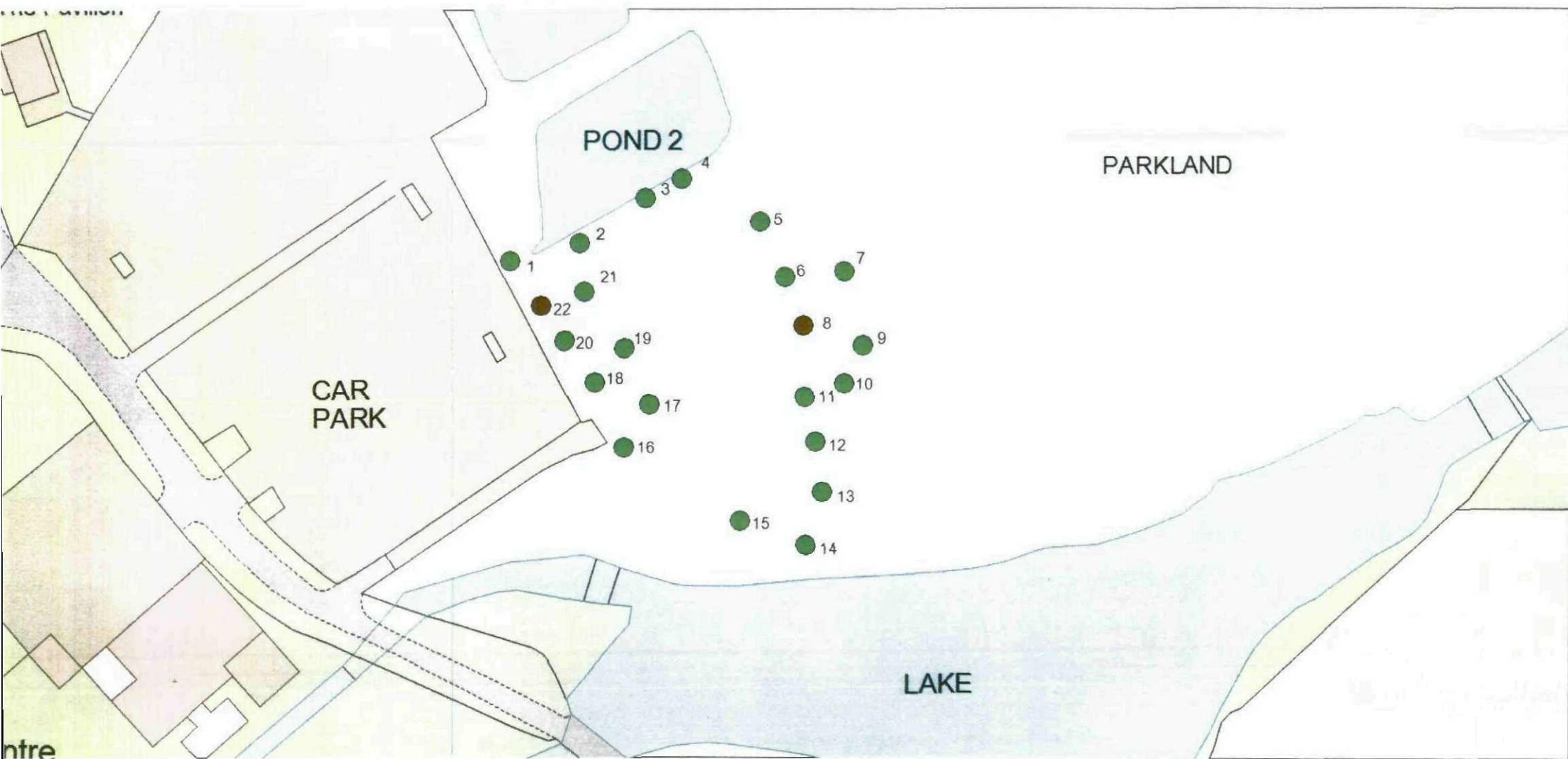
Title : Cannon Hall Play Zone  
 Scale : 1:1,000  
 Date : 25/1/2012  
 Drawn by : Jo Birch

**BARNSELEY**  
 Metropolitan Borough Council  
 Neighbourhood Services  
 Springfield House, Springfield Street,  
 BARNSELEY, S70 6HH











1 - Out of the 22 trees and stumps surveyed, only 6 are within the confines of the proposed development. The other 16 are within 15 metres of the development, and may have some bearing on the proposed play area.

2 - There are 4 young trees planted within the play area boundary which have been planted to commemorate certain events and have some significant value. It may be prudent to have these specifically protected, either through permanent physical barriers or by re-locating the trees to a less problematic site within the park.

3 - Tree no.20, the specimen Sycamore already has a large degree of root exposure from footfall traffic and it would seem prudent to protect the roots from damage or further exposure during the playground installation. Permanent protection might also be considered, dependent on the expected extra footfall traffic around the tree.

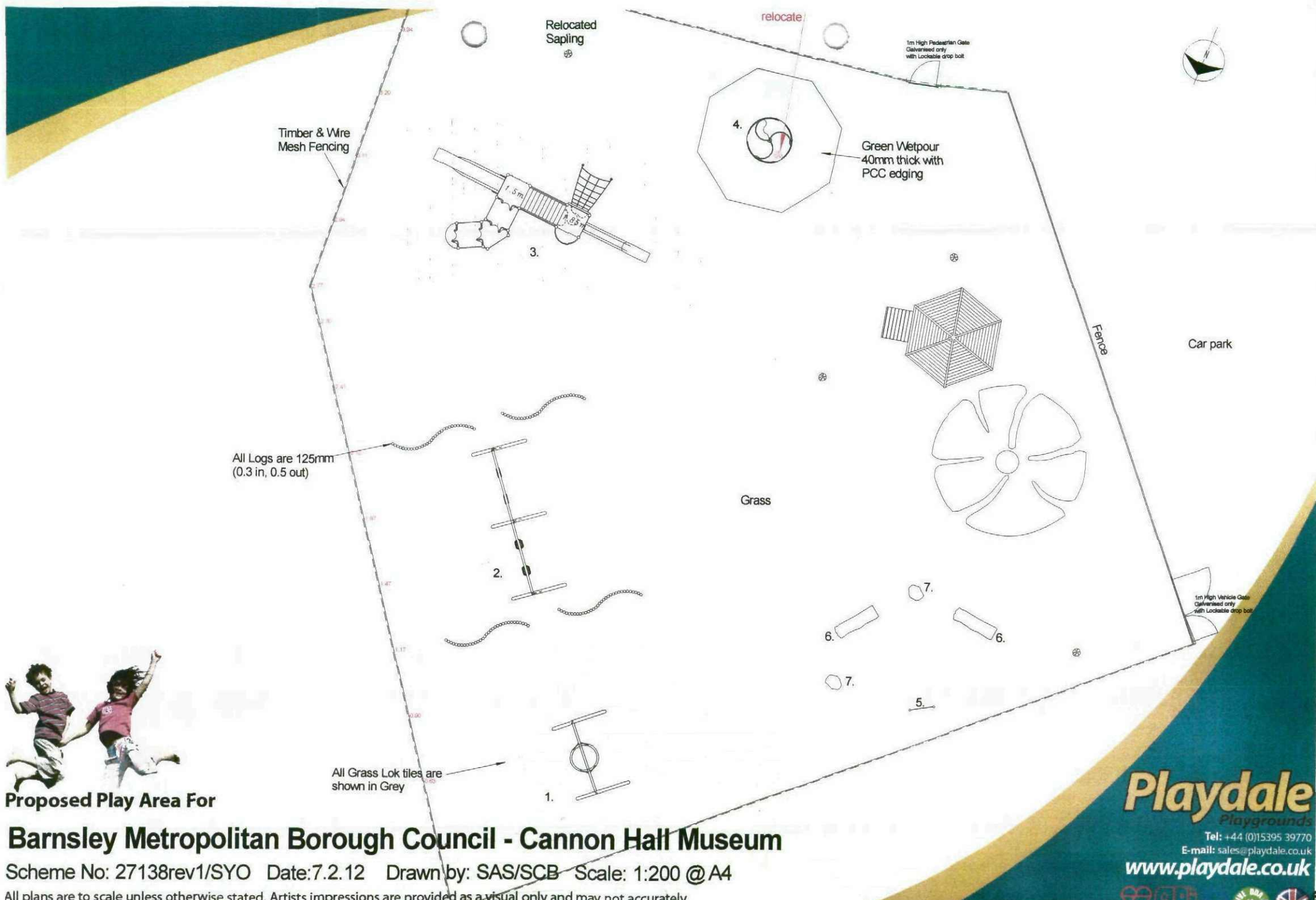
4 - All arboricultural pruning works should be carried out prior to the opening of the site to the developers



## Glossary of Terms

|                     |                                                                                                                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Age Class           | A general indication of how old a tree is, i.e. Young, Semi-Mature, Mature, Senescent or Dead.                                                                                                      |
| Arboriculture       | The science, technology and business of tree care                                                                                                                                                   |
| Arborist            | The practitioner of arboriculture, who is trained to promote tree health, discern tree problems and take appropriate measures to correct them                                                       |
| Arisings            | All the debris from tree work                                                                                                                                                                       |
| Authority Protected | Identifies if a tree is covered by a Tree Preservation Order or Conservation Area Order.                                                                                                            |
| Basal Rot           | An area of rot near the base of the trunk.                                                                                                                                                          |
| Brushwood           | Branches and foliage removed from a tree; up to 150 mm in diameter                                                                                                                                  |
| BS3998              | British Standard for tree work                                                                                                                                                                      |
| BS5837              | British standard for tree work in relation to construction                                                                                                                                          |
| Callouses           | New areas of bark, that forms around and over an injury.                                                                                                                                            |
| Canopy / Crown      | Made up of the minor branches and foliage                                                                                                                                                           |
| Cavity              | A hole in a tree resulting from damage or decay                                                                                                                                                     |
| Co-Dominant         | Two or more trees that are equal in crown-size, that often appears as a single large crown.                                                                                                         |
| Coppice             | A traditional method of removing all growth down to a stump, allowing it to regenerate to create straighter timber; usually harvested on a regular cyclical basis - only suitable for certain trees |
| Conservation Area   | Your Local planning authority must be informed of any intended works to trees over 75mm in diameter. Failure to do so can result in large fines                                                     |
| Cordwood            | Timber from 150mm - 300mm                                                                                                                                                                           |
| Coronet Cut         | A technique used in wildlife management areas; to make a pruning cut look like a natural break or fracture                                                                                          |
| Crown Cleaning      | Removing all dead branches, stubs and deformities from the whole of the tree                                                                                                                        |
| Crown Lift          | To remove the lower branches of a tree, usually to give adequate clearance for people to walk underneath.                                                                                           |
| Crown Reduction     | The removal of material from all areas of the crown, to reduce the height and spread of the tree whilst retaining the shape of the tree                                                             |
| Dead Wood           | The presence of dead branches within the tree, either still fixed to the tree or hanging from other branches.                                                                                       |
| Die back            | Ends of branches are dying                                                                                                                                                                          |
| Dismantle           | A method used to remove trees from a confined space in a controlled manner                                                                                                                          |
| Epicormic Shoots    | Small branches / shoots that grow from either the base of the tree or from an area of injury.                                                                                                       |
| Felling             | Cutting the tree at the base using directional cuts to make the tree fall in a specific area                                                                                                        |
| Formative Prune     | Pruning branches from a tree to give a desired shape or to reduce future problems                                                                                                                   |
| Fruiting Bodies     | The visible parts of a fungal infection. These generally appear in autumn, but can persist throughout the year. They can be found on all parts of a tree.                                           |

|                   |                                                                                                                                                                                                                                       |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Habit             | The natural shape of a tree                                                                                                                                                                                                           |
| Hazard Beam       | The horizontal splitting of a branch in line with the grain. Generally regarded as a dangerous weak point, however some trees such as Oak can retain these branches for long periods.                                                 |
| Heartwood         | Wood under the bark, often seen after the tree has been damaged.                                                                                                                                                                      |
| Included Bark     | A cause of weak forks / branch unions where the bark on the stems is pushed inwards towards each other as they grow                                                                                                                   |
| Leader            | The main, usually upright stem at the centre of the crown                                                                                                                                                                             |
| Lift              | See 'Crown Lift'                                                                                                                                                                                                                      |
| LPA               | Local Planning Authority                                                                                                                                                                                                              |
| Neglected Pollard | See 'Pollard' - Neglected pollards have not been maintained on a regular basis since the original pollarding of the tree                                                                                                              |
| Pollard           | The removal of all or most of the crown of the tree, to control the height or spread of the tree. This would be done on a regular cyclical basis, usually 1 to 5 years.                                                               |
| Pruning           | To cut away parts of the tree                                                                                                                                                                                                         |
| Reduction         | See 'Crown Reduction'                                                                                                                                                                                                                 |
| Regeneration      | The growth of new stems from an old stump after the original tree has died or been removed.                                                                                                                                           |
| Re-shaping        | Pruning necessary after poor pruning or branch loss, selectively reducing certain areas of the crown to maintain shape and form                                                                                                       |
| Ring Barked       | The removal of bark from the full circumference of a tree. Usually leads to the tree's demise.                                                                                                                                        |
| Ringwood          | Timber larger than 300mm in diameter                                                                                                                                                                                                  |
| Sail or Sail Area | The area of the tree affected by the crown                                                                                                                                                                                            |
| Scaffolds         | The larger branches, supporting the crown of the tree.                                                                                                                                                                                |
| Stem              | The trunk of the tree                                                                                                                                                                                                                 |
| Site Type         | This is a general description of the location of the tree. i.e domestic garden, school playing field, public park etc.                                                                                                                |
| Stubbs            | Sections of branches left attached to the tree when a limb breaks off.                                                                                                                                                                |
| Sucker            | Small stems and shoots growing from the base / roots                                                                                                                                                                                  |
| Thin Out (1)      | To remove branches from the crown of a tree to increase light penetration into the crown or to give the tree a more structured shape or to remove mis-shapen or damaged branches.                                                     |
| Thin Out (2)      | To remove one or more poor specimen trees from a group of trees, to allow the remaining trees to develop their natural shape.                                                                                                         |
| TPO               | Tree Preservation Order - an order applied to the tree(s) giving the trees legal protection. It is illegal to carry out any pruning, felling, topping of a tree protected by a TPO without first applying for permission from the LPA |
| Tree vigour       | The apparent health, strength or general growth characteristic of the tree; usually Excellent, Good, Poor or dead                                                                                                                     |
| Trunk             | See 'Stem'                                                                                                                                                                                                                            |
| Twin-Stemmed      | A tree is regarded as having twin stems if the division is below 1.3 metres                                                                                                                                                           |
| Whorl             | A group of branches growing from the same level on a trunk / stem                                                                                                                                                                     |
| Windthrown        | a tree failure due to strong winds; the tree is completely uprooted                                                                                                                                                                   |
| Woodchip          | The by-product of branchwood. Useful as a mulch for shrub beds and footpaths                                                                                                                                                          |



# **Proposed Play Area For** **Barnsley Metropolitan Borough Council - Cannon Hall Museum**

Scheme No: 27138rev1/SYO Date: 7.2.12 Drawn by: SAS/SCB Scale: 1:200 @ A4

All plans are to scale unless otherwise stated. Artists impressions are provided as a visual only and may not accurately

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