

Appendix H

Arboriculture (Tree and Hedgerow Survey) Report

N2 Monaghan Town to Emyvale, County Monaghan Proposed Pavement and Minor Improvement Scheme

Corracrin to Emyvale

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Drawing 5 of 5*

**Not included: Drawing 1,2and 3, as these relate to Phase 2 and 4 of the Proposed N2 Monaghan to Emyvale Road Improvements and will be the subject of a separate Part 8 Application.*

TREE AND HEDGEROW SURVEY AND REPORT

FOR

N2 MONAGHAN TO EMYVALE ROAD

APRIL 2011

COMMISSIONED BY

MONAGHAN COUNTY COUNCIL

Dr Philip Blackstock

TREE SURVEY AND REPORT

On trees growing within 50m of

N2, Monaghan to Emyvale Road

For

Monaghan County Council

Terms of reference

This report was commissioned to establish the health and condition of trees growing at the above site and to provide recommendations for tree works that will ensure, as far as is possible, site safety

Methodology

Trees growing on the above site were subject to a visual inspection carried out from the ground. The base of each trunk was 'sounded' to identify significant basal decay. No other methods for establishing the condition of these trees were used.

Site surveyed on

5th, 6th, 7th, 11th, 14th & 14th April 2011

Survey carried out and report compiled by

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TREES AT N2 MONAGHAN TO EMYVALE ROAD





Two views of trees growing on the above site, taken from the N2 .

**REPORT ON TREES GROWING WITHIN 50M FROM THE N2 MONAGHAN TO
EMYVALE ROAD.
APRIL 2011**

Location & visual impact of the trees. The N2 is a major arterial route that connects Dublin with the far North West of Ireland. It has now been upgraded over much of its length and, generally, functions as a busy through route. That section of the N2 between the towns of Monaghan and Emyvale has not been upgraded. Although this road is well surfaced and maintained, it is no longer either straight or level enough to cope with the amount of traffic now using it. Because of this, it is understood that a proposal to upgrade this section of road is under consideration.

The N2 passes through a rich, mainly agricultural landscape that contains many mature and maturing hedgerow trees. The road itself was bounded for much of its length by a row of beech trees, planted about 7.0m apart. Many of these trees have still been retained and are now imposing mature individuals. Taken together, these mature hedgerow trees should be considered significant in the local landscape. The gardens of the rural houses tend to have smaller garden trees, many of which have been closely trimmed and these trees are not yet as significant in the landscape.

Historical development of the site. Most of the mature beech trees growing along the N2 appear to be about one hundred and fifty years old. They appear to have been planted when the road was upgraded and, as such, they form a single unifying feature in the local landscape. The ash and sycamore trees appear to have grown from naturally dispersed seeds, or from coppiced stumps and they range in age up to about one hundred and fifty years old. The old lime and beech trees growing at Legacurry House are also probably about one hundred and fifty years old. The remaining trees are generally much younger and have been planted, or have been allowed to grow on, within the last one hundred years.

Tree condition & recommendations. Because of their age, a number of the mature beech trees reported on here are now in a poor condition and these trees should be felled to ensure site safety. There are also a number of tall conifers that are hollow or have died and these trees should also be felled. There is also an over mature conifer plantation (numbered 361 on the attached tree survey report sheets). This plantation is now ready to harvest and will not remain stable if those edge trees closest to the road are removed. Consideration should be given to the harvesting of this timber crop. The remaining trees are younger and are, generally, in a fairly good condition and require mainly minor tree works to ensure site safety. It is understood that plans are being considered for the upgrading of the above road.

To ensure that trees to be retained during construction, the Arboricultural method statements (that are included in this report) relevant to this project should be adopted.

All other recommendations are as per attached tree survey report sheets.

Dr Philip Blackstock

ARBORICULTURAL METHOD STATEMENTS

Protection of trees. A protective barrier, 2.3m high and comprising a vertical and horizontal framework of scaffolding, well braced to resist impacts and securely supporting weldmesh panels, (as illustrated in Fig 2 of BS5837:2005) shall be erected around the base of all trees to be retained on site. The line of this fence shall be at least the distance defined in the attached plan, or as otherwise directed by Dr Philip Blackstock. No construction traffic, materials or debris will be permitted within this zone of protection.

Temporary surfaces within zone of protection. Where temporary access is to be established within the 'zone of protection' surrounding retained trees, (for example, during demolition of existing buildings), ground surfaces will be protected by a layer of sharp sand, approx. 50 mm thick, overlaid with a geotextile membrane on which a temporary surface of no fines granular material, at least 150 mm thick, is laid. Where traffic is turning on these surface, stout planks will be laid over the geotextile membrane and below the granular material. The trunks of adjacent trees will be suitably protected as indicated on site by Dr Philip Blackstock.

Scaffolding within zone of protection. Where scaffolding is to be established within the 'zone of protection' surrounding retained trees, the existing undisturbed ground surfaces will be protected by a layer of sharp sand, approx. 50 mm thick, overlaid with a geotextile membrane. Stout planks, such as closely side-buttet scaffold boards, will be laid over the geotextile membrane and scaffolding will be constructed on these planks (as illustrated in Figure 3 of BS5837:2005). Additional stays, as directed by a competent person, will be considered where scaffolding is constructed on suspect or un-consolidated ground. Adequate protective fencing, as Illustrated in Figure 2 of BS5837:2005, will be maintained between scaffolding and adjacent trees.

Construction of hard surfaces close to retained trees. Where permanent surfaces are to be constructed close to retained trees, within the zone of protection as defined by BS5837: Trees in Relation to Construction, carefully remove accumulated organic material and loose soil, leaving existing topsoil in situ. Protect root zone with a layer of sharp sand and, on this, establish a firm sub-base of no-fines granular material supported on a geotextile membrane and a 100mm three dimensional cell product (e.g. Terram's Cellular System). Construct the paved area on this sub-base using established design guidelines (and no-fines granular material) with a porous surface finish such as paviers or porous bitmac.

HEDGEROW SURVEY

Background. A detailed hedgerow survey was commissioned to inform the design of road improvements on the N2 between Monaghan and Emyvale. The methodology used in this survey followed that used in the County Monaghan Hedgerow Survey Report (Foulkes 2010) and produced two detailed datasets, one describing the structural formation of the hedgerows and one detailing their species composition. In variance to Foulkes (2010) all hedgerows lying within 50m of the centre of the N2 were surveyed, with a linear plot 30m long within each hedge surveyed in detail. Data sheets summarising these surveys are attached to this report.

A summary of the principal findings of this survey is given below.

Structural features. There was a distinct difference in the construction detail between the roadside hedges and the adjoining agricultural hedges. Along most of the N2, the hedge was established on a level shelf that separated a relatively wide grass roadside verge from a deep, steep sided drainage ditch on its field side. There were no stone walls evident along the road. The minor side roads and agricultural fields were separated by a 'bank and ditch' structure similar to Enclosure Act hedges elsewhere in Ireland. In these it appears that a ditch or drain was dug and the spoil was piled up at its side. A hedge was then established on the drain side of the bank.

A third form of hedge structure was associated with hedges growing at the domestic properties. In these, the hedge was planted on level ground, without either a drain or ditch being evident.

There was only one stone wall associated with a hedge in the surveyed area. This was along the banks of the Mountain Water River in Emyvale and consisted of a well constructed mortared retaining wall that supported a level field and old hedge above the banks of the river.

History and Land Class. The first edition Ordnance Survey map of Monaghan does not include the position of the agricultural hedges. Most of the roadside hedges were

evident on this map, as were many surrounding domestic properties. There was, however, no evidence that the presence of hedges on this map indicated that they were, in fact, old. In many instances the hedges recorded on this edition of the Ordnance Survey maps had been replaced with Leyland cypress or cherry laurel.

Most of the Townland boundaries in the surveyed area were marked by small streams, rather than hedges. If hedges did exist on these boundaries, their species composition tended to be associated with damp sites, rather than old planted boundaries.

That part of County Monaghan that surrounds the N2 is dominated by pasture or by domestic gardens. There was no arable land planted this year within the surveyed area. The only semi natural vegetation evident was in the southern end of the surveyed area, where a small area of wet marsh associated with Griggy Lough existed alongside the road. Interestingly, this area was also the only area recorded with infill on adjoining land.

Hedgerow management. In general, most of the hedges were well maintained and closely clipped throughout the survey area. There was anecdotal evidence that hedges that separated different farms were generally less well maintained and many of these had not been cut. Where hedges were cut, this was carried out either by flail or by hand tools. Most hedges were dense and animal proof, without the need for wire.

One of the key features of the roadside hedges was the retention of mature trees. Some of these, most notably north of Gortmoney, are clearly marked on the first edition of the Ordnance Survey map. In general, these were beech and had apparently originally been planted about 7.0m apart. This pattern of hedgerow management was being actively maintained by the landowners, with self sown ash and sycamore replacing the original beech trees.

There was very little evidence of hedge laying.

Species composition. There were clear patterns of species composition within the surveyed hedges. In general, the roadside hedges between Gortmoney and Monaghan were dominated by a roughly equal mix of hawthorn, blackthorn, common privet and guilder rose. The dominant trees were young or coppiced ash and mature beech. North of Gortmoney, the guilder rose was replaced, first by field maple within the village, and then by snowberry. The mature beech trees were augmented by ash and sycamore, and, in places, by wild cherry. The agricultural hedges were dominated by hawthorn and coppiced ash, with blackthorn also common. Briars and ivy were abundant, while honeysuckle and dog rose were common in both the roadside and field hedges. Alder and goat willow were locally common, particularly near water courses. The domestic hedges were, generally, dominated by either Leyland cypress or cherry laurel.

There was very little oak or hazel present in the surveyed hedges.

The ground flora associated with the surveyed hedges was, generally, fairly species rich. It was, however, mostly dominated by coarse herbs or grasses, indicating that the ground was fertile. This fertility extended to the roadside verges of the N2, where pollution from road traffic appeared to be dominating the ground vegetation. The most species rich ground vegetation was associated with dry banks, particularly along the minor side roads, where grass competition was minimised. In these, typical indicator species of old woodland were common. Again, some of these hedges were clearly not in existence when the first edition Ordnance Survey maps were produced, suggesting that management and ecological conditions, rather than age, was the dominant determining factor in their relative species richness.

Dr Philip Blackstock

N2 Monaghan to Emyvale Landscape Plan; relevant information from the tree and hedgerow survey.

Background. It appears that the existing N2 from Monaghan to Emyvale was constructed about one hundred and fifty years ago. It has a distinct design detail of a fairly wide carriageway bounded on both sides by a generous, level grass verge. The grass verge is, itself, bounded by a dense, relatively species rich, hedge dominated by common privet, hawthorn, blackthorn and guilder rose, apparently in roughly equal proportions. This hedge was established on the level top of a deep drain that separates it from the adjoining agricultural lands.

While the construction detail of the road does not change significantly along its length, the species composition of its associated hedges does change north of Gortmoney. Here field maple predominates within the village, while guilder rose is replaced by snowberry between Gortmoney and Emyvale. The road has been improved close to Emyvale and the original hedgerows have been lost. The domestic gardens are, generally, surrounded either by post and rail fences or by Leyland cypress or cherry laurel hedges. A notable feature of the domestic gardens is their generally neat appearance, with mostly heavily pruned garden trees.

The roadside hedges appear to have originally also been planted with beech trees, spaced about 7.0m apart. Many of these trees were allowed to grow on and this now creates a notable feature of the road. These beech trees have been augmented by naturally dispersed ash trees, with some alder in the wetter places.

The agricultural field hedges close to the road are, generally, less species rich and are dominated by hawthorn and ash. There is some alder and willow, again mostly in the damper areas. Oak and hazel (species that would originally have dominated this landscape) were scarce throughout the survey area.

Design recommendations. It is recognised that the original design of the carriageway is not likely to be repeated in the proposed road improvements. However, the concept of a robust, species rich hedge with evenly spaced trees separating the road verges from the surrounding agricultural landscape is worthy of consideration. The existing species composition of the hedges, particularly close to Monaghan town, with an equal mix of common privet, guilder rose, hawthorn and blackthorn has the added advantage of being

composed of suitable native species (although the replacement of the blackthorn with hazel would remove a species that may spread aggressively into adjoining, under-utilised lands). The inclusion of some holly (as a minor component) would also provide additional shelter, particularly during the winter.

It is clear from site that the original hedge was marked by beech trees planted at about 7.0m centres. There is considerable merit in including this in the proposed landscape plan. Such trees may be planted as either half standards or feathered with a girth of 6 – 8cms. If it is considered paramount that native species are used in this scheme, common oak would make a worthy substitute. Oak trees also have the advantage of being associated with the original 'Green Wood' that once covered this part of Monaghan.

Where significant cuttings or embankments are created, these would benefit from woodland planting. It is recommended that a grass verge of at least 4.0m wide is maintained in these areas. This verge may be backed by a belt, about 3.0m wide, of native shrubs (in particular, hazel, hawthorn and blackthorn) and this, in turn, can be backed by an intimate woodland mix dominated by common oak and containing (as minor components), hazel, yew and wild cherry.

Finally, there are a few areas where a species rich ground flora has developed on the existing roadside verge. Where individual woodland species are to be lost, these may be transplanted. This is particularly the case with the bluebells north of Hoof Bridge, and the few patches of wood anemone and wild garlic in front of Legacurry House. If it is considered appropriate to replant existing hedges, the two best examples are located on small side roads at Mullabrack (on the eastern side of the N2) and south of Cloughnart (again on the eastern side of the N2). Both of these hedges have a sharp bank that contains a range of typical herbaceous hedgerow species, including the early purple orchid.

It is recommended that all planting details and designs should be finalised by a suitably qualified Landscape Architect. Planting details of trees and shrubs should conform to current horticultural best practice.

Dr Philip Blackstock

HEALTH AND SAFETY

Working with trees is a hazardous occupation. It is important that competent tree surgery contractors are employed to carry out the tree works recommended in the attached tree survey report sheets. These contractors should carry all relevant insurance cover and should comply with the recommendations outlined below.

Notwithstanding the following recommendations, all tree surgeons and accompanying staff should comply with all the requirements contained in the Safety, Health and Welfare at Work Act 1989 (SHWW Act, 1989) and the Safety, Health and Welfare at Work (General Applications) Regulations, 1993 (GAR Regs, 1993) for forestry operations, the Code of Practice for Managing Safety and Health in Forestry Operations and all subsequent legislation made thereunder.

Staff qualifications, experience and training

Only skilled operatives should be employed for all the work specified in the attached tree survey report sheets. These skilled operatives should have a proven expertise and experience in the areas of work specified and should hold all relevant certificates of competence.

Operatives using chain saws to fell trees must have National Proficiency Test Council (NPTC) certificate of competence Units CS 30, 31*, 32*, 33* (* whichever is appropriate for the size of tree being felled) if they are working from the ground and, in addition, Units CS 38, 39, 40 & 41 if they are climbing.

All operatives undertaking work near underground or overhead electric cables must have attended a Electricity Safety Awareness course. They must comply with the guidelines laid down in FASTCo Safety Guide 804: Electricity at work; Forestry and Arboriculture. Where there is a risk of a climber, equipment or parts of a tree touching or coming close to overhead cables, the advice of ESB must be sought, and adhered to, before work commences.

Work wear

All operatives should wear the appropriate safety clothing for the task being performed as specified in the relevant safety codes. Where operatives are employed on tree work near public roads, or when the available lighting is poor, they should wear high visibility 'florescent' jackets or waistcoats

Tools and Equipment

Tree surgeons should use such tools and equipment deemed suitable to complete the specified task. All bladed tools should be sharp and in a serviceable condition. All plant and machinery operated by the tree surgeon should be tested and certified to comply with all current legislation. All vehicles should be taxed and roadworthy. Machinery and vehicles should carry operational fire extinguishing equipment to the standards required by insurers.

All machinery should be used in accordance with the manufacturers' instructions. These machines should carry warning notices as specified by the relevant Health and safety guide.

Climbing equipment for tree work is subject to the Provision and Use of Work equipment regulations (NI) 1998 (PUWER), the Lifting Operations and Lifting Equipment Regulations (NI) 1998 (LOLER) and is also subject to the Personal Protective Equipment at Work

regulations (NI) 1992 (PPE Regs). Operatives using climbing equipment should be familiar with, and comply with, these and all other relevant regulations.

First aid

All chain saw operatives should have a current First Aid Certificate. No chain saw operative should be left working on site without an additional first aider present. These operatives should be familiar with FASTCo Safety Guide 802: Emergency Planning and First Aid.

All operatives should have immediate access to a first aid kit conforming to SI 1981 No 917 and FSC 34, and, in addition, carry a personal first aid kit which includes a large sterile wound dressing.

Site Organisation

Tree surgeons should ensure that a team of at least three people carry out all tree climbing, pruning and tree felling operations. When undertaking tree climbing work, one of the grounds staff must be competent to perform aerial rescue and be conversant with FASTCo Safety Guide 401: Aerial Tree Rescue. In addition, one of the ground staff must be made responsible for ensuring that there is no trespass into the working zone when tree pruning or felling operations are taking place. Adequate staff should be available during tree work operations to ensure that no unauthorised persons or livestock enter the working area.

Tree surgeons should provide and constantly maintain all necessary warning and direction notices, cones and barriers when carrying out tree works that are adjacent to a road or footpath used by the public. These should conform to the recommendations and directions given in;

- Chapter 8 of the Traffic Signs Manual 1993, published by DRD
- Section 174 of the NI orders of the Highways Act
- Section 65 & 142 of the New Roads and Street Works Act
- Safety at Street Works and Road Works code of practice 1993
- Any other relevant legislation

Where tree works are to be carried out over, or adjacent to, public roads, the contractor should arrange the work to avoid traffic congestion and public inconvenience. They should make arrangements with the Garda Síochána and the local county council as may be found necessary.

KEY TO TREE SURVEY SHEETS

TITLE	DESCRIPTION
Tree No	The identification number of the tree, as indicated on site by a nylon identification tag attached to the tree
Species	The common English and scientific name of the tree, as used by Alan Mitchell in 'A field Guide to the trees of Britain and Northern Europe' (Collins, London, 1974)
Age	The life-cycle age of the tree, described as Y = young, YM = young-mature, M = mature, OM = over-mature
Condition	The condition of the tree, as assessed by a visual inspection on site
Height	The height of the tree, given in metres
Crown spread	The radial crown spread of the tree for each of the four cardinal points, given in metres
DBH	The diameter of the tree trunk, measured at approximately 1.3 metres above ground level and given in centimetres
Observations	A general description of the tree as seen on site, including distinguishing features and evidence to support the recommendations given
Recommendations	The recommendations for tree works aimed to ensure that the site remains safe and that the tree develops in a safe and satisfactory manner
Category	The category score attributed to each tree, as defined in Table 1 of BS5837:2005 and defined as follows: A = Trees of high quality and value, B = trees of moderate quality and value, C = trees of low quality and value and R = trees not suitable for retention

ARBORICULTURAL TERMS

The following interpretation of the terms used in the attached tree survey report sheets should be adopted when fulfilling their recommendations.

Crown clean

The removal of broken, diseased, dying or dead branches or snags that are either over 50 mm in diameter or are more than 200 mm in length.

Remove ivy

The cutting of ivy stems at their point of entry into the soil, taking care not to damage the tree. All branches, stalks and creepers of both alive and dead ivy should be removed from the crown of the tree.

Trim or remove branch stumps

The cutting of all branch stumps or snags back to just outside the branch collar and branch bark ridge.

Remove swing / tree hut / sign etc.

The removal of structures within the crown or attached to the tree, including nails or other fastenings.

Trim / tidy / remove epicormics

The removal of all soft growth or epicormics growing from the trunk of the tree, up to a height of 2.4 m.

Crown lift to above eye level / over footpath.

The removal of all soft growth, including epicormics and all lateral branches, up to a height of 2.4 m above ground level. When lifting the crown, upright laterals may be retained.

Crown lift over carriage / driveway etc

The removal of all lateral branches and soft growth that are overhanging, or within 1.0 m of, a road or lane, up to a height of 5.2 m.

Trim back from building

The removal of all lateral branches and soft growth growing within 1.0 m from the wall and from within at least 2.0 m from a window and above a roof of a building.

Clear overhead cables

The removal of all branch growth from within, or likely to come within, 1.0 m from overhead telephone cables.

Where overhead electric cables are encountered, the tree surgeon must liaise with engineers from Northern Ireland Electricity and must conform to their recommendations and advice. All staff undertaking work near underground or overhead electric cables should have attended a Northern Ireland Electricity Safety Awareness course and must comply with the guidelines laid down in FASTCo Safety Guide 804: Electricity at work; Forestry and Arboriculture.

Reduce / remove competing leaders

The trimming back or removal of all but one dominant, upright stem in a way that creates an apical crown angle of less than 90°. Competing stems should be trimmed well back to a side branch showing strong horizontal growth patterns or should be removed to just above the branch collar and branch bark ridge.

Reduce end weight

The reduction of the crown of a tree by trimming back the branch tips by the described amount. Branch tips should be trimmed back to a suitable lateral twig or branch (in strict accordance with the recommendations contained in BS3998: 1998, Tree Work, in a way that maintains the general characteristics of the tree and its species. **In all cases, no branch, limb or trunk greater than 100mm shall be cut in the process of reducing end weight.**

Re-form Crown

The carrying out of such trimming and branch removal as is necessary to create (or recreate) a tree crown architecture capable of supporting additional tree growth and that complies with the normal crown form for that species. **In all cases, no branch, limb or trunk greater than 100mm shall be cut in the process of reducing end weight.**

Pollard

The removal of all growth back to the required height. In most circumstances, it will not be possible to trim back to a suitable lateral branch and, because of this; most cuts should be cleanly executed and should produce a sloping surface that will not collect water.

Prune as per Belfast Street Tree

The complete pruning of a tree, which is a combination of crown reduction, crown lifting and crown thinning in a way that preserves the characteristics of the tree and its species. All growth removed during pruning must be taken back to an appropriately sized lateral branch, twin or bud to leave an acceptable crown form. **In all cases, no branch, limb or trunk greater than 100mm shall be cut in the process of reducing end weight.**

Fell

The complete felling of a tree in a safe manner, leaving a smoothly surfaced stump that is cut as close to ground level as is possible

Trees not found.

These trees appear to have been removed since the trees were tagged in 2005.

Harvest timber to provide re-planting zones

These trees contain harvestable timber. These trees will be felled by forestry contractors to provide saw logs and to create re-planting compartments.

Any other terms used

If he is any doubt, the tree surgeon should contact Dr Philip Blackstock (on 02825 821202) for a definition of any other term used in the attached tree survey report sheets.

HEDGEROW SURVEY

Structural recording categories

Context

A ADJACENT LAND USE

- a tillage
- b dairy
- c cattle
- d sheep
- e mixed stock

- f mixed stock + crops
- g equine
- h other
- I fodder
- j curtilage

B HISTORY

- 1 infill
- 2 townland boundary
- 3 canal side boundary
- 4 railway line boundary
- 5 farm boundary

B1 HISTORY Road/Stream

- 1 road NP, NS, Rgnl, Lcl, Un, Frm
- 2 stream
- 3 recently established

B2 HISTORY

- 1 Boundary present on 1st Edition OS
- 2 Boundary present on 2nd Edition OS
- 3 Boundary connects to feature on SMR
- a Boundary links to woodland on OS1
- b Boundary shown as treeline on OS1

C ADJACENT LAND CLASS &

D HABITAT LINK CLASS

- a arable (BC)
- b improved grassland (GA)
- b1 improved grassland reverting (GA)
- c semi-natural grassland (GS)
- d non-native woodland (WD)
- e semi-natural woodland / scrub (WN)
- f scrub/transitional woodland (WS)
- g curtilage/built land (BL)
- h peatlands (P)
- i. lake/pond (FL)
- j watercourse (FW)
- k other (target note)
- l. none
- m. hedgerow (WL1, WL2) (no. of links)
- n. earthbank (BL2)
- s. marsh (GM1)
- q. quarry (ED1)
- w. swamp (FS1)

E BOUNDARY FUNCTION

- 1 hedge redundant
- 2 active boundary

I DRAIN SIZE

- 1 not present
- 2 small (<0.5m)
- 3 medium (0.5 – 1m)
- 4 large (>1m)

II DRAIN WET/DRY

- a dry ditch / drain
- b wet ditch / drain

Structure/Condition

J PROFILE

- a remnant
- b relict (derelict)
- c boxed / A shape
- d overgrown/irregular
- e. top heavy / undercut
- f straight sided
- g wind-shaped

J1 PROFILE, suffix

- a. losing structure
- b. outgrowths at base

K HEIGHT

- 1 <1.5m
- 2 1.5 – 2.5m
- 3 2.5 – 4m
- 4 4 – 5m
- 5 5m+

K1 HEIGHT, suffix

- a overhead wires/cables

L WIDTH

- a < 1m
- b 1 – 2m
- c 2 – 3m
- d 3 m+

M GAPPINESS

- 1 complete
- 2 < 5 % gaps
- 3 5 – 10 % gaps
- 4 10 – 25 %
- 5 25 – 50 %
- 6 > 50 %

M1 SPECIFIC OR GENERAL

- a general
- b specific (ind. gap>5m)

N BASE

- a open / translucent
- b scrawny, semi-translucent
- c semi-opaque
- d dense / opaque

N BASE, suffix

- a + vegetation

R VERGE / MARGIN

- a < 1m
- b 1 – 2m
- c 2 – 4m
- d 4m +
- e none

R1 VERGE / MARGIN, DEGR

- 1. >20% poached within 2m
- 2. >20% ploughed within 2m
- 3. >20% herbicide use

S OVERALL VIGOUR

- a poor
- b average
- c good
- d poor in part
- e basal decay
- f evidence of disease

Management

U MANAGEMENT

- a cut box profile
- b cut 'A' shape
- c cut on one side
- d cut on both sides
- e topped only
- f excavator
- g fully laid
- h laid in part
- i coppiced
- j short term unmanaged
- k long term unmanaged
- l infill planting
- m pruned
- n other (target note)
- p. ivy cut

U1 MANAGEMENT, suffix

- a. out of season

V MANAGEMENT METHOD

- 1 flail
- 2 circular saw
- 3 bar cutter
- 4 hand tools
- 5 excavator
- 6 other
- 7 unsure
- 8 not applicable

W EVIDENCE OF LAYING

- a no evidence
- b past evidence
- c recent evidence

HEDGEROW SURVEY

Structural recording categories (continued)

Construction	O BANK /WALL/SHELF DEGRADATION, DEGREE	X FENCING
F OUTLINE	1 not applicable	1 none
a linear	2 none	2 fixed to stems
b non-linear	3 severe	3 electric
	4 minor	4 post & wire
	5 drain blocked/waterlogged	5 sheep wire
G1 BOUNDARY TYPE	O1 BANK /WALL/SHELF DEGRADATION, EXTENT	6 timber fence
1 Single Line Hedge	a general >10%	Y GROUND FLORA
2 Double Line Hedge	b isolated	a species rich
3 Random Line	P TREES	b average
G2 BANK/WALL/SHELF	a none	c species poor
1 Bank	b few up to 15%	d noxious weeds DAFOR
2 Wall	c scattered 15 - 30%	e nutrient rich >20%
3 Shelf	d abundant 31-75%	f use of herbicide
G3 DRAIN	e line >75%	g indicator species
a External Drain	Q TREE AGE COMPOSITION	h. invasive species
b Internal Drain	1 all mature	
c Internal Path, Track-way, etc.	2 predominantly mature	
0 none of the above features	3 predominantly immature	
G1 BOUNDARY CLASS	4 mixed age range	
1 WL1	5 none	
2 WL2		
H BANK/WALL/SHELF SIZE		
a < 0.5m		
b 0.5 – 1 m		
c > 1m		
d not applicable		

HEDGEROW SURVEY

Species abundance list scores

D = Dominant; so common that it dominates the hedge

A = Abundant; common throughout the hedge and defines its species composition

F = Frequent; found throughout the hedge

O = Occasional; occurs as more than one individual plant

R = Rare; occurs only as one small individual plant

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
1	Beech	<i>Fagus sylvatica</i>	M	Fair	16	5	7	7	5	55	This tree has two stems from 2m with a fair crown.	Crown clean and remove ivy.	
2	Ash	<i>Fraxinus excelsior</i>	M	Poor	16	4	1	5	4	48	This single stemmed tree has a stage headed crown and is almost dead.	Fell.	
3	Group of Ash and Beech	Mixed	Y	Fair	8	To 2				10	This multi-stemmed coppice has good form.	No action is required.	
4	Beech	<i>Fagus sylvatica</i>	OM	Poor	16	7	7	6	6	56	This tree is multi-stemmed from 5m with a thinning crown. It is infected with Ustulina.	Fell.	
5	Beech	<i>Fagus sylvatica</i>	M	Poor	13	5	5	7	6	58	This tree has two stems from 2m with a thinning crown.	Crown clean, remove ivy and reduce end weight by 2m. Inspect for rot	
6	Beech	<i>Fagus sylvatica</i>	M	Fair	17	5	5	7	5	52	This single stemmed tree has a good crown.	Crown clean and remove ivy.	
7	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	5	3	4	5	30	Crown clean and remove ivy.	No action is required.	
8	Beech	<i>Fagus sylvatica</i>	M	Fair	15	4	5	5	5	50	This single stemmed tree has a neat crown.	Crown clean and remove ivy.	
9	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	6	5	4	2	33	This tree has two stems from 5m with a good crown.	Crown clean.	
10	Beech	<i>Fagus sylvatica</i>	Y	Fair	11	3	3	3	3	20	This single stemmed tree has a good crown.	Crown clean.	
11	Beech	<i>Fraxinus excelsior</i>	YM	Fair	12	5	5	4	5	30	This tree has two stems from 2m with a good crown.	No action is required.	
12	Group of Sycamore and Beech	Mixed	Y	Fair	To 10	To 3				To 15	This mainly multi-stemmed hedgerow of trees have good form.	No action is required.	
13	Group of Ash and Beech	Mixed	Y	Fair	6	To 2				7	These three multi-stemmed trees are growing in the hedge.	No action is required.	
14	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	5	5	5	5	62	This tree has two stems from 1m with a good crown.	No action is required.	
15	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	6	5	6	7	55	This single stemmed tree has a spreading crown.	Crown clean.	

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
16	Beech	<i>Fagus sylvatica</i>	M	Poor	11	4	4	5	5	47	This single stemmed tree is almost dead.	Fell.	
17	Group of Willow and Ash	Mixed	Y	Fair	8	To 2				7	This is a group of multi-stemmed hedgerow trees.	No action is required.	
18	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	7	7	8	7	62	This single stemmed tree has a broad spreading crown.	Tidy branch stumps.	
19	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	5	4	5	4	50	This tree is single stemmed to 3m with a spreading crown.	Crown clean, remove ivy and inspect for rot	
20	Norway Maple	<i>Acer platanoides</i>	YM	Fair	10	4	4	4	3	28	This tree has two stems from 2m with a good crown.	No action is required.	
21	Lime	<i>Tilia Spp.</i>	YM	Fair	4	3	4	5	3	110	This tree has been recently pollarded.	No action is required.	
22	Lime	<i>Tilia Spp.</i>	YM	Fair	4	3	4	4	3	37	This tree has been recently pollarded.	No action is required.	
23	Lime	<i>Tilia Spp.</i>	YM	Fair	13	4	4	4	4	42	This tree is multi-stemmed from 3m with a good crown.	No action is required.	
24	Lime	<i>Tilia Spp.</i>	YM	Fair	13	4	4	4	3	37	This tree is multi-stemmed from 3m with a good crown.	No action is required.	
25	Lime	<i>Tilia Spp.</i>	YM	Fair	12	4	5	5	4	42	This tree is multi-stemmed from 2m with a spreading crown.	No action is required.	
26	Lime	<i>Tilia Spp.</i>	YM	Fair	13	4	4	5	5	43	This tree is multi-stemmed from 3m with a good crown.	No action is required.	
27	Lime	<i>Tilia Spp.</i>	YM	Fair	14	4	4	4	4	36	This tree has two stems from 3m with upright form.	No action is required.	
28	Lime	<i>Tilia Spp.</i>	YM	Fair	10	4	4	4	2	30	This tree is multi-stemmed from 2m with basal sweep.	Crown lift over lane.	
29	Lime	<i>Tilia Spp.</i>	YM	Fair	13	4	5	4	3	38	This tree is multi-stemmed from 3m with a spreading crown.	No action is required.	
30	Lime	<i>Tilia Spp.</i>	YM	Fair	11	4	4	4	3	29	This tree has a single main stem with a fair crown.	No action is required.	
31	Lime	<i>Tilia Spp.</i>	YM	Fair	13	4	5	4	4	35	This tree is multi-stemmed from 4m with a fair crown.	No action is required.	

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
32	Lime	<i>Tilia Spp.</i>	YM	Fair	10	3	4	4	3	28	This tree is multi-stemmed from 2m with a spreading crown.	No action is required.	
33	Lime	<i>Tilia Spp.</i>	YM	Fair	4	3	4	4	3	32	This tree has recently been pollarded.	No action is required.	
34	Rowan	<i>Sorbus aucuparia</i>	YM	Fair	4	2	2	2	2	27	This tree is multi-stemmed from 2m and is pollarded at 4m.	No action is required.	
35	Norway Maple	<i>Acer platanoides</i>	YM	Fair	6	3	3	4	3	30	This tree is multi-stemmed from 2m and is part pollarded.	No action is required.	
36	Area of wood	Mixed	YM	Fair	To 14	To 3				To 20	This is a small wooded garden dominated by multi-stemmed ash, alder and sycamore.	Remove dead stems.	
37	Ash	<i>Fraxinus excelsior</i>	YM	Good	15	2	4	3	2	27	This single stemmed tree has a good crown.	No action is required.	
38	Norway Spruce	<i>Picea abies</i>	M	Fair	14	2	1	2	2	30	This single stemmed tree has a good crown.	No action is required.	
39	Ash	<i>Fraxinus excelsior</i>	YM	Fair	16	4	4	3	3	37	This single stemmed tree has a one sided crown and is part pollarded.	No action is required.	
40	Himalayan Birch	<i>Betula jacquemontii</i>	Y	Good	5	1	1	1	1	8	This single stemmed tree has a good crown.	No action is required.	
41	Copper Plum	<i>Prunus pissardii</i>	Y	Fair	4	2	2	1	1	9	This tree is multi-stemmed from 2m with a good crown.	No action is required.	
42	Rowan	<i>Sorbus aucuparia</i>	Y	Fair	5	1	2	2	2	15	This tree is multi-stemmed from 1m with a clipped crown.	No recommendation is given	
43	Crab Apple	<i>Malus sylvestris</i>	YM	Fair	6	2	1	2	2	15	This tree is multi-stemmed from 1m.	No recommendation is given	
44	Lime	<i>Tilia Spp.</i>	YM	Fair	7	3	3	3	2	27	This tree is multi-stemmed from 2m and is part pollarded.	No recommendation is given	
45	Hybrid Poplar	<i>Populus X canadensis</i>	YM	Fair	6	2	2	1	1	25	This tree has a single main stem which has been recently trimmed.	No recommendation is given	

Tree survey report sheet

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Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
46	Norway Maple	<i>Acer platanoides</i>	YM	Fair	7	2	2	2	2	25	This tree has two stems from 1m which has been recently pollarded.	No recommendation is given	
47	Beech	<i>Fagus sylvatica</i>	Y	Fair	5	1	1	1	1	17	This single stemmed tree has been recently trimmed.	No recommendation is given	
48	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	4	3	4	5	47	This single stemmed tree has a fair crown.	Crown clean and remove ivy.	
49	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	3	4	4	5	38	This tree has two stems to a fair crown.	Crown clean and remove ivy.	
50	Beech	<i>Fagus sylvatica</i>	Y	Fair	6	1	1	2	3	15	This single stemmed tree has a fair crown.	No action is required.	
51	Ash	<i>Fraxinus excelsior</i>	YM	Poor	12	2	3	3	4	34	This single stemmed tree has a scrappy crown.	Crown clean, remove ivy and inspect for rot	
52	Beech	<i>Fraxinus excelsior</i>	M	Fair	16	6	6	7	8	66	This tree has a single main stem with a spreading crown.	Crown clean, remove ivy and reduce end weight by 2m.	
53	Beech	<i>Fagus sylvatica</i>	M	Fair	16	6	3	1	5	33	This single stemmed tree has a one sided crown.	No action is required.	
54	Ash	<i>Fraxinus excelsior</i>	M	Fair	13	4	3	4	5	34	This tree has two stems from 5m with a fair crown.	Crown clean and remove ivy.	
55	Beech	<i>Fagus sylvatica</i>	M	Poor	12	6	3	2	4	38	This tree has two stems from 4m with a stag headed, almost dead crown.	Fell.	
56	Beech	<i>Fagus sylvatica</i>	M	Fair	17	6	7	6	5	62	This tree is multi-stemmed from 4m with a spreading crown.	Crown lean, remove ivy and reduce end weight by 2m.	
57	Willow	<i>Salix caprea</i>	M	Fair	7	5	5	4	2	37	This tree is multi-stemmed from 3m with a spreading crown.	Crown clean.	
58	Beech	<i>Fagus sylvatica</i>	Y	Fair	10	3	3	4	4	25	This single stemmed tree has a fair crown.	No action is required.	
59	Scots Pine	<i>Pinus sylvestris</i>	M	Fair	18	2	3	4	2	50	This single stemmed tree has a fair crown.	No action is required.	
60	Larch	<i>Larix decidua</i>	-	Dead	-	-	-	-	-	-	This tree is dead.	Fell.	
61	Scots Pine	<i>Pinus sylvestris</i>	OM	Poor	20	2	4	3	2	55	This single stemmed tree is almost dead.	Fell.	

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

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Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
62	Scots Pine	<i>Pinus sylvestris</i>	OM	Poor	20	2	3	3	2	52	This single stemmed tree has thinning crown.	Crown clean and monitor crown for signs of dieback.	
63	Scots Pine	<i>Pinus sylvestris</i>	M	Fair	20	3	2	3	4	56	This single stemmed tree has a deep crown.	No action is required.	
64	Scots Pine	<i>Pinus sylvestris</i>	M	Fair	11	4	2	0	3	47	This single stemmed tree has a one sided crown	No action is required.	
65	Scots Pine	<i>Pinus sylvestris</i>	M	Poor	17	4	3	1	2	33	This single stemmed tree has a small crown with some squirrel damage at 1m.	Fell.	
66	Ash	<i>Fraxinus excelsior</i>	M	Poor	17	3	3	3	3	37	This single stemmed tree has a fair crown and bark damage to 8m.	Crown clean and monitor crown for signs of dieback.	
67	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	3	3	3	2	32	This single stemmed tree has a fair crown.	Crown clean and remove ivy.	
68	Larch	<i>Larix decidua</i>	M	Fair	15	4	6	3	2	36	This single stemmed tree has a spreading crown.	Crown clean.	
69	Group of Ash	<i>Fraxinus excelsior</i>	Y	Fair	10	To 3				To 15	This is a hedgerow of multi-stemmed trees.	No action is required.	
70	Pine	<i>Pinus sylvestris</i>	-	Dead	-	-	-	-	-	-	This tree is dead.	Fell.	
71	Ash	<i>Fraxinus excelsior</i>	Y	Fair	9	3	3	2	3	25	This tree has two stems to a fair crown.	Crown clean.	
72	Scots Pine	<i>Pinus sylvestris</i>	M	Fair	18	3	4	3	2	55	This single stemmed tree has a fair crown.	No action is required.	
73	Scots Pine	<i>Pinus sylvestris</i>	M	Fair	17	2	3	3	1	48	This single stemmed tree has a fair crown.	Crown clean.	
74	Beech	<i>Fagus sylvatica</i>	M	Poor	15	6	4	2	5	55	This tree has two stems from 5m with a thinning crown.	Crown clean, remove ivy and reduce end weight by 2m and monitor crown for signs of dieback.	
75	Beech	<i>Fagus sylvatica</i>	M	Fair	15	5	3	2	5	35	This single stemmed tree has a one sided crown.	Crown clean and remove ivy.	
76	Beech	<i>Fagus sylvatica</i>	M	Fair	15	5	4	3	5	58	This single stemmed tree has a fair crown.	Crown clean and remove ivy.	

Tree survey report sheet

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Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
77	Beech	<i>Fagus sylvatica</i>	M	Fair	15	6	4	5	6	50	This single stemmed tree has a spreading crown.	Crown clean, remove ivy and reduce end weight by 2m. Inspect for	
78	Beech	<i>Fagus sylvatica</i>	M	Fair	16	6	5	5	6	57	This tree has two stems from 2m with minor damage at 2m.	Crown clean.	
79	Beech	<i>Fagus sylvatica</i>	M	Fair	15	4	4	4	6	50	This tree has two stems from 5m with a fair crown.	Crown clean and remove ivy.	
80	Beech	<i>Fagus sylvatica</i>	M	Fair	15	3	4	4	4	52	This single stemmed tree has a thinning crown.	Crown clean, remove ivy and reduce end weight by 2m. Monitor crown for signs of dieback.	
81	Beech	<i>Fagus sylvatica</i>	M	Fair	15	4	4	5	6	55	This tree has a single main stem with a scrappy crown.	Crown clean, remove ivy and reduce end weight by 2m.	
82	Beech	<i>Fagus sylvatica</i>	YM	Fair	11	2	4	5	5	32	This tree has a single main stem with a spreading one sided crown.	Crown clean and remove ivy.	
83	Beech	<i>Fagus sylvatica</i>	OM	Poor	16	2	5	6	4	58	This single stemmed tree is almost dead.	Fell.	
84	Beech	<i>Fagus sylvatica</i>	YM	Poor	12	2	3	3	2	29	This single stemmed tree has a damaged stem.	Crown clean.	
85	Beech	<i>Fagus sylvatica</i>	M	Fair	15	4	4	5	4	57	This single stemmed tree has a thinning crown.	Crown clean, reduce end weight by 2m and monitor crown for signs of dieback.	
86	Larch	<i>Larix decidua</i>	M	Fair	18	2	3	5	2	51	This single stemmed tree has a fair crown.	No action is required.	
87	Norway Spruce	<i>Picea abies</i>	OM	Poor	20	2	3	4	3	50	This single stemmed tree has a fair crown and is hollow.	Fell.	
88	Norway Spruce	<i>Picea abies</i>	YM	Fair	13	4	3	3	1	20	This single stemmed tree has a small crown.	No action is required.	
89	Larch	<i>Larix decidua</i>	M	Fair	20	5	4	5	1	35	This single stemmed tree has a fair crown.	Crown clean.	

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Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
90	Larch	<i>Larix decidua</i>	M	Fair	16	2	4	4	2	30	This tree is multi-stemmed from 6m with a one sided crown.	Crown clean.	
91	Norway Spruce	<i>Picea abies</i>	M	Fair	17	2	1	2	2	27	This single stemmed tree has a fair crown.	No action is required.	
92	Larch	<i>Larix decidua</i>	OM	Poor	20	3	6	4	3	38	This hollow tree has a single leaning stem with a one sided crown and is almost dead.	Fell.	
93	Larch	<i>Larix decidua</i>	M	Fair	19	3	3	3	2	30	This single stemmed tree has a neat crown.	No action is required.	
94	Two ash	<i>Fraxinus excelsior</i>	Y	Fair	12	2	2	3	2	16	These two single stemmed hedgerow trees have good form.	No action is required.	
95	Four Larch	<i>Larix decidua</i>	OM	Poor	18	To 5				To 46	These four single stemmed trees have thinning crowns.	Remove hollow stems.	
96	Ash	<i>Fraxinus excelsior</i>	M	Fair	22	3	4	7	7	63	This tree has two stems from 8m with a damaged crown.	Crown clean and reduce end weight by 2m.	
97	Hawthorn	<i>Crataegus monogyna</i>	M	Fair	11	3	2	1	3	20	This tree has two stems from 3m with a fair crown.	No action is required.	
98	Lime	<i>Tilia Spp.</i>	M	Fair	23	6	7	7	7	71	This tree has two stems from 3m with a fair crown.	No action is required.	
99	Lime	<i>Tilia Spp.</i>	M	Fair	23	5	7	7	7	77	This tree has two stems from 3m with a good crown.	Crown clean.	
100	Lime	<i>Tilia Spp.</i>	M	Fair	21	4	6	6	6	66	This tree has three stems from 1-3m with a good Crown.	Crown clean.	
101	Scots Pine	<i>Pinus sylvestris</i>	M	Fair	17	2	3	4	3	38	This single stemmed tree has a fair crown.	Crown clean and remove ivy.	
102	Beech	<i>Fagus sylvatica</i>	M	Poor	21	5	6	7	4	67	This tree has two stems from 3m with a fair crown and is infected with Ustulina.	Fell.	
103	Beech	<i>Fagus sylvatica</i>	M	Fair	21	3	3	5	5	58	This single stemmed tree has a good crown.	Crown clean and reduce end weight by 2m.	

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Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
104	Larch	<i>Larix decidua</i>	M	Poor	16	3	3	3	3	30	This single stemmed tree is almost dead.	Fell.	
105	Scots Pine	<i>Pinus sylvestris</i>	M	Fair	15	3	4	5	5	52	This single stemmed tree has a dense crown.	No action is required.	
106	Scots Pine	<i>Pinus sylvestris</i>	M	Poor	14	3	4	3	1	32	This tree has two stems from 5m with damage at 1-3m.	Crown clean and monitor crown for signs of dieback.	
107	Larch	<i>Larix decidua</i>	M	Fair	17	4	5	4	5	56	This single stemmed tree has a good crown.	Crown clean.	
108	Ash	<i>Fraxinus excelsior</i>	M	Fair	18	9	6	6	4	68	This tree has two stems from 6m with a spreading crown.	Crown clean, remove ivy and reduce end weight by 2m. Inspect for rot	
109	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	4	7	6	4	63	This tree is single stemmed to 5m with a spreading crown.	Crown clean, remove ivy and reduce end weight by 2m. Inspect for	
110	Ash	<i>Fraxinus excelsior</i>	M	Poor	14	3	4	1	3	47	This tree is single stemmed to 5m with a stag headed crown.	Fell.	
111	Scots Pine	<i>Pinus sylvestris</i>	M	Fair	17	5	5	4	2	62	This tree is multi-stemmed from 4-7m with a fair crown.	Crown clean.	
112	Beech	<i>Fagus sylvatica</i>	M	Fair	20	8	7	8	6	69	This tree is multi-stemmed from 4-9m with a heavy crown.	Crown clean, remove ivy and reduce end weight by 2m. Inspect for	
113	Ash	<i>Fraxinus excelsior</i>	Y	Fair	9	2	2	2	2	16	This single stemmed tree has a good crown.	No action is required.	
114	Beech	<i>Fagus sylvatica</i>	M	Fair	16	5	7	4	7	70	This tree is multi-stemmed from 3m with a spreading crown.	Crown clean and reduce end weight by 2m.	
115	Beech	<i>Fagus sylvatica</i>	M	Fair	19	7	7	5	7	79	This tree is multi-stemmed from 2m with a spreading crown.	Crown clean, remove ivy and reduce end weight by 2m.	
116	Beech	<i>Fagus sylvatica</i>	M	Fair	20	3	6	6	4	63	This tree has two stems from 5m with upright form.	Crown clean and remove ivy.	

Tree survey report sheet

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Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
117	Beech	<i>Fagus sylvatica</i>	M	Fair	18	7	8	8	6	78	This tree is multi-stemmed from 3m with a heavy spreading crown.	Crown clean, remove ivy and reduce end weight by 2m.	
118	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	16	6	5	5	4	65	This tree has a single main stem with heavy side branches.	Crown clean and remove ivy.	
119	Ash	<i>Fraxinus excelsior</i>	Y	Fair	7	3	3	3	2	17	This tree has two stems from 2m with a fair crown.	Crown lift over road.	
120	Ash	<i>Fraxinus excelsior</i>	Y	Poor	5	1	1	1	1	12	This single stemmed tree has severe damage at 1m.	Fell.	
121	Holly	<i>Ilex aquifolium</i>	YM	Fair	6	1	1	1	1	10	This tree has two stems with a good crown..	No action is required.	
122	Ash	<i>Fraxinus excelsior</i>	YM	Fair	8	2	2	2	2	16	This tree has two stems from 4m with a fair crown.	Remove ivy.	
123	Oak	<i>Quercus rubor</i>	YM	Good	12	4	4	5	2	32	This single stemmed tree has a good crown.	Crown clean and remove ivy.	
124	Beech	<i>Fagus sylvatica</i>	YM	Fair	14	4	2	5	5	46	This tree is multi-stemmed from 2m with fair form.	Tidy branch stumps.	
125	Ash	<i>Fraxinus excelsior</i>	YM	Fair	13	2	2	3	3	27	This single stemmed tree has a good crown.	No action is required.	
126	Ash	<i>Fraxinus excelsior</i>	YM	Good	14	3	5	4	4	32	This single stemmed tree has a good crown.	No action is required.	
127	Birch	<i>Betula pubescens</i>	M	Good	14	2	3	3	2	27	This single stemmed tree has a good crown.	No action is required.	
128	White beam	<i>Sorbus Aria</i>	M	Fair	5	3	3	3	3	26	This tree has a single main stem with a bushy crown.	No action is required.	
129	Sweet Chestnut	<i>Castanea sativa</i>	Y	Fair	6	3	3	3	3	25	This single stemmed tree has a good crown.	No action is required.	
130	Copper Plum	<i>Prunus pissardii</i>	M	Fair	5	3	2	3	2	14	This tree is multi-stemmed from 2m with a good crown.	No action is required.	
131	Italian Alder	<i>Alnus incana</i>	M	Good	14	3	3	3	3	32	This single stemmed tree has a good crown.	No action is required.	
132	Hornbeam	<i>Carpinus betulus</i>	YM	Good	6	3	3	2	2	27	This tree is multi-stemmed from 2m with good form.	No action is required.	
133	Sycamore	<i>Acer pseudoplatanus</i>	YM	Fair	7	4	3	3	3	22	This tree is multi-stemmed from 2m with a fair crown.	No action is required.	

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
134	Himalayan Birch	<i>Betula jacquemontii</i>	YM	Fair	9	4	4	3	3	22	This tree is multi-stemmed from 2m with a fair crown form.	No action is required.	
135	Rowan	<i>Sorbus aucuparia</i>	YM	Fair	9	3	3	2	3	15	This single stemmed tree has a good crown.	No action is required.	
136	Row of Beech	<i>Fagus sylvatica</i>	Y	Good	To 10	To 3				To 17	This row of nine single stemmed tree have very good form.	No action is required.	
137	Beech	<i>Fagus sylvatica</i>	M	Fair	15	5	4	3	5	62	This tree is multi-stemmed from 3m and has been recently topped.	No recommendation is given	
138	Lawson cypress	<i>Chamaecyparis lawsoniana</i>	M	Fair	17	3	3	3	3	38	This tree has two stems from 3m with a weak fork.	No recommendation is given	
139	Lawson cypress	<i>Chamaecyparis lawsoniana</i>	YM	Fair	5	2	2	2	2	22	This tree has a single main stem with a dense crown.	No recommendation is given	
140	Lawson cypress	<i>Chamaecyparis lawsoniana</i>	M	Fair	16	3	3	2	2	35	This single stemmed tree has a neat crown.	No recommendation is given	
141	Beech	<i>Fagus sylvatica</i>	M	Fair	14	5	4	5	5	64	This tree has three stems from 4m and has been recently topped.	No recommendation is given	
142	Atlas Cedar	<i>Cedrus atlantica</i>	YM	Good	12	3	4	4	4	36	This single stemmed tree has a very good crown.	No recommendation is given	
143	Japanese Maple	<i>Acer japonicum</i>	M	Good	4	3	3	3	3	22	This tree is multi-stemmed with a good crown.	No recommendation is given	
144	Copper Plum	<i>Prunus pissardii</i>	M	Fair	8	2	2	3	2	28	This tree has a single main stem with a fair crown.	No recommendation is given	
145	Monkey Puzzle	<i>Araucaria araucana</i>	YM	Good	10	2	2	2	2	17	This single stemmed tree has a very good crown.	No recommendation is given	
146	Group of Garden trees	Mixed	M	Fair	To 11	To 3				to 40	This planted garden contains cypress, laburnum, pear etc all with good form	No recommendation is given	
147	Group of Birch	<i>Betula pubescens</i>	Y	Good	4	To 1				8	This small plantation is growing well	No recommendation is given	
148	English Elm	<i>Ulmus minor</i>	Y	Good	8	3	2	2	2	20	This single stemmed tree has upright form.	Monitor crown for signs of dieback.	
149	Beech	<i>Fagus sylvatica</i>	M	Fair	16	7	8	5	6	67	This tree is multi-stemmed from 4m with a spreading crown.	Crown clean, remove ivy and tidy branch stumps.	

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
150	Western Red Cedar	<i>Thuja plicata</i>	M	Fair	18	4	4	4	4	62	This tree has two stems to a good crown.	No action is required.	
151	Beech	<i>Fagus sylvatica</i>	YM	Fair	14	6	6	3	2	37	This single stemmed tree has a one sided crown.	No action is required.	
152	Area of wood	Mixed	YM	Fair	To 15	To 5				To 30	This is a scattered group of Ash and Sycamore growing amongst dense shrubs	No action is required.	
153	Group of Conifers	Mixed	M	Poor	To 20	To 5				To 70	This is a group of three multi-stemmed Lawson cypress, one western red cedar and one spruce forming a small clump.	Remove Lawson with basal rot.	
154	Beech	<i>Fagus sylvatica</i>	M	Fair	20	7	6	8	7	75	This tree is multi-stemmed from 3-4m with fair form.	Crown clean and remove ivy.	
155	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	5	5	4	4	57	This tree has a single main stem with a scrappy crown.	Crown clean and remove ivy.	
156	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	5	7	6	7	63	This tree has two stems from 2m with a spreading crown.	Crown clean, remove ivy and reduce end weight by 2m. Inspect for	
157	Ash	<i>Fraxinus excelsior</i>	M	Fair	16	4	5	3	5	55	This single stemmed tree has a good crown.	Crown clean and remove ivy.	
158	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	0	6	6	2	52	This tree has a single leaning stem with a one sided crown.	Crown clean and remove ivy.	
159	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	5	6	3	5	60	This single stemmed tree has a fair crown.	Crown clean and remove ivy.	
160	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	7	7	3	5	66	This tree has two stems from 4m with a spreading crown.	Crown clean, remove ivy and reduce end weight by 2m.	
161	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	4	6	5	4	60	This tree is single stemmed to 7m with a dense crown.	Crown clean and remove ivy.	
162	Ash	<i>Fraxinus excelsior</i>	M	Fair	18	6	7	7	6	69	This tree is multi-stemmed from 5m with a spreading crown.	Crown clean, remove ivy and reduce end weight by 2m.	
163	Beech	<i>Fagus sylvatica</i>	M	Poor	20	6	8	8	6	95	This tree is multi-stemmed from 2m with a cavity at 2m.	Crown clean and reduce end weight by 3m.	

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
164	Ash	<i>Fraxinus excelsior</i>	M	Poor	15	4	6	5	4	50	This tree is single stemmed to 5m with a thinning crown.	Crown clean and remove ivy.
165	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	5	6	6	5	63	This tree has two stems from 4m with damage at 4m.	Crown clean, remove ivy and reduce end weight by 2m. Inspect at 4m.
166	Cherry	<i>Prunus Kanzan</i>	M	Fair	8	4	4	2	3	30	This tree is multi-stemmed from 2m with a spreading crown.	No recommendation is given
167	Birch	<i>Betula pubescens</i>	M	Fair	12	3	4	5	5	33	This tree has a single main stem with heavy side branches and a good crown.	No recommendation is given
168	Birch	<i>Betula pubescens</i>	M	Fair	12	4	4	4	3	29	This tree has two stems from 3m with a good crown.	No recommendation is given
169	Birch	<i>Betula pubescens</i>	M	Fair	11	4	3	3	2	30	This tree has three stems from 2-3m with a good crown.	No recommendation is given
170	Willow	<i>Salix caprea</i>	M	Fair	7	4	4	3	3	15	This multi-stemmed tree has a spreading crown.	No recommendation is given
171	Birch	<i>Betula pubescens</i>	M	Fair	11	4	4	3	3	32	This multi-stemmed tree has a well formed upright crown.	No recommendation is given
172	Beech	<i>Fagus sylvatica</i>	M	Fair	16	5	7	7	3	62	This single stemmed tree has a well formed crown with basal sweep.	Crown clean and reduce end weight by 2m.
173	Group of Ash	<i>Fraxinus excelsior</i>	YM	Fair	To 14	To 5				To 25	This is a row of hedgerow ash trees which mostly have good form.	Crown clean and remove ivy.
174	Area of Alder and Willow	Mixed	YM	Fair	To 12	To 6				To 20	This is a thicket of alder and willow growing on swampy ground.	No action is required.
175	Two crack willow	<i>Salix fragilis</i>	M	Fair	17	6	7	7	5	55	These two single stemmed hedgerow trees are growing very close together.	Crown clean, remove ivy and reduce end weight by 2m.
176	Ash	<i>Fraxinus excelsior</i>	YM	Fair	13	4	4	5	4	30	This multi-stemmed tree has fair form.	Crown clean and remove ivy.
177	Ash	<i>Fraxinus excelsior</i>	Y	Fair	12	4	4	3	3	16	This multi-stemmed coppice has good form.	No action is required.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
178	Alder	<i>Alnus glutinosa</i>	M	Fair	12	5	5	4	4	20	This multi-stemmed coppice has good form.	No action is required.
179	Group of Ash	<i>Fraxinus excelsior</i>	Y	Fair	To 9	To 3				To 10	This is a dense hedgerow of multi-stemmed trees with good form.	No action is required.
180	Group of Alder	<i>Alnus glutinosa</i>	M	Fair	13	5	5	4	3	20	This is a group of three multi-stemmed trees growing close together all with good form.	No action is required.
181	Alder	<i>Alnus glutinosa</i>	M	Fair	11	3	4	3	2	16	This tree has two stems with good form.	No action is required.
182	Alder	<i>Alnus glutinosa</i>	M	Fair	9	4	4	4	2	18	This multi-stemmed tree has a spreading crown.	crown clean.
183	Group of Ash	<i>Fraxinus excelsior</i>	Y	Fair	To 7	To 3				To 10	This is a dense hedge of multi-stemmed ash which are pollarded at 2m and now grown out.	No action is required.
184	Group of Elm and Sycamore	Mixed	YM	Fair	To 11	To 5				To 25	This is an old stream with an overgrown bank of trees with good form.	No action is required.
185	Ash	<i>Fraxinus excelsior</i>	M	Fair	12	4	4	4	4	33	This tree has two stems from 5m with a fair crown.	No action is required.
186	Ash	<i>Fraxinus excelsior</i>	Y	Fair	9	3	3	1	1	20	This tree is multi-stemmed from 1m with a good crown.	No action is required.
187	Ash	<i>Fraxinus excelsior</i>	Y	Fair	9	2	3	2	2	15	This tree has three stems to a good crown.	No action is required.
188	Beech	<i>Fagus sylvatica</i>	M	Fair	21	7	10	9	8	78	This tree has two stems from 2m with a leaning one sided crown.	Crown lean and reduce end weight by 3m. Crown lift over road.
189	Beech	<i>Fagus sylvatica</i>	M	Fair	15	4	5	4	5	47	This tree has two stems from 2m with a good crown.	No action is required.
190	Beech	<i>Fagus sylvatica</i>	M	Fair	19	3	5	5	3	45	This single stemmed tree has a good crown.	Crown clean and reduce end weight by 2m.
191	Beech	<i>Fagus sylvatica</i>	M	Poor	19	3	4	3	7	52	This tree is single stemmed to 6m with a cavity at 3m and infected with <i>Ustilina</i> at 2m.	Fell.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
192	Beech	<i>Fagus sylvatica</i>	M	Fair	20	5	7	6	7	62	This single stemmed tree has a fair crown.	Crown clean and reduce end weight by 2m.
193	Beech	<i>Fagus sylvatica</i>	M	Poor	19	5	7	7	4	63	This tree has two stems from 3m with a stag headed crown and is suspected to be hollow.	Fell.
194	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	17	2	4	5	5	42	This tree has two stems from 4m with a one sided crown.	No action is required.
195	Beech	<i>Fagus sylvatica</i>	M	Fair	22	8	7	5	5	66	This single stemmed tree has a good crown.	No action is required.
196	Beech	<i>Fagus sylvatica</i>	M	Fair	21	6	7	5	8	65	This tree has three stems from 5m with a fair crown.	Crown clean and reduce end weight by 2m.
197	Beech	<i>Fagus sylvatica</i>	M	Fair	21	6	6	6	4	61	This tree has two stems from 3m with a good crown.	No action is required.
198	Beech	<i>Fagus sylvatica</i>	M	Fair	20	7	6	2	5	52	This tree has a single main stem with a large basal wound at 2m.	Crown clean and reduce end weight by 2m.
199	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	19	2	7	5	4	44	This tree is single stemmed to 10m with a good crown.	Crown clean.
200	Beech	<i>Fagus sylvatica</i>	M	Fair	20	5	7	3	7	61	This tree has two stems from 1m with a spreading crown.	Crown clean and reduce end weight by 2m.
201	Beech	<i>Fagus sylvatica</i>	M	Fair	21	7	6	4	7	50	This tree has two stems from 1m with a fair crown.	Crown clean and reduce end weight by 2m.
202	Beech	<i>Fagus sylvatica</i>	M	Fair	21	6	6	5	5	57	his tree has three stems from 3-5m with a fair crown.	Crown clean and remove hung up branch.
203	Beech	<i>Fagus sylvatica</i>	M	Fair	19	7	5	2	5	30	This tree has two stems from 5m with a one sided crown.	Crown clean and reduce end weight by up to 2m.
204	Beech	<i>Fagus sylvatica</i>	M	Poor	20	7	4	6	7	65	This tree has three stems from 2m with a fair crown and is infected with Ustulina.	Fell.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
205	Beech	<i>Fagus sylvatica</i>	M	Poor	19	4	4	2	5	60	This single stemmed tree has a small crown and is hollow. It is infected with Ustulina.	Fell.	
206	Beech	<i>Fagus sylvatica</i>	M	Fair	15	6	3	3	6	55	This tree has two stems from 2m with a one sided scrappy crown.	Crown clean, remove ivy and reduce end weight by 2m.	
207	Beech	<i>Fagus sylvatica</i>	M	Fair	21	7	6	6	5	64	This tree has two stems from 3m with a good crown.	Crown clean.	
208	Beech	<i>Fagus sylvatica</i>	M	Fair	20	2	5	4	5	56	This tree has two stems from 2m with a suppressed scrappy crown.	Crown clean and reduce end weight by 2m.	
209	Beech	<i>Fagus sylvatica</i>	M	Fair	16	5	4	2	5	36	This tree is single stemmed to 4m with a suppressed crown.	Crown clean and tidy branch stump.	
210	Beech	<i>Fagus sylvatica</i>	M	Fair	16	2	4	3	2	37	This single stemmed tree has a fair crown.	No action is required.	
211	Beech	<i>Fagus sylvatica</i>	M	Poor	17	5	5	5	5	60	This tree has two stems from 2m with a scrappy crown and dieback.	Fell.	
212	Lime	<i>Tilia Spp.</i>	YM	Fair	14	4	5	3	3	29	This multi-stemmed tree has a fair crown.	No action is required.	
213	Lime	<i>Tilia Spp.</i>	M	Fair	22	8	7	6	7	85	This tree has two stems from 4m with a good crown.	Crown clean.	
214	Lime	<i>Tilia Spp.</i>	M	Fair	23	5	8	8	7	77	This tree has two stems from 4m with a good crown.	Crown clean.	
215	Beech	<i>Fagus sylvatica</i>	M	Fair	22	8	10	8	8	98	This tree has three stemmed from 4m with a heavy spreading crown.	Crown clean, reduce side branches by 3m and apply a cable brace.	
216	Lime	<i>Tilia Spp.</i>	Y	Fair	11	3	3	2	2	20	This tree has two stems from 3m with a good crown.	No action is required.	
217	Beech	<i>Fagus sylvatica</i>	M	Fair	20	8	8	8	7	68	This tree has three stems from 3m with a well formed open growing crown.	No action is required.	
218	Beech	<i>Fagus sylvatica</i>	M	Fair	22	7	8	9	8	96	This tree has two stems from 2m with a heavy crown.	Crown clean and reduce end weight by 3m over road.	

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
219	Group of conifers	Mixed	Y	Fair	To 8	To 2				To 13	This is a belt of larch and pine growing along the road.	No action is required.
220	Larch	<i>Larix decidua</i>	M	Fair	18	2	1	4	4	29	This single stemmed tree has a fair crown.	No action is required.
221	Larch	<i>Larix decidua</i>	M	Fair	18	3	0	2	7	25	This tree has a single leaning stem with a one sided crown.	No action is required.
222	Three Ash	<i>Fraxinus excelsior</i>	YM	Fair	17	5	6	4	5	To 29	These are three young single stemmed trees growing very close together with good form.	No action is required.
223	Beech	<i>Fagus sylvatica</i>	M	Fair	22	9	9	9	9	108	This tree is multi-stemmed from 4m with an open growing crown.	No action is required.
224	Ash	<i>Fraxinus excelsior</i>	Y	Fair	8	2	2	3	3	14	This single stemmed tree has a flat topped crown.	No action is required.
225	Seven Poplar	<i>Populus X canadensis</i>	M	Fair	To 24	To 7				To 65	This group of seven single stemmed trees have good form.	Reduce side branches by up to 4m and remove tree with split stem.
226	Cherry	<i>Prunus padus</i>	YM	Fair	13	5	4	2	2	22	This tree has a single main stem with a spreading crown.	No action is required.
227	Ash	<i>Fraxinus excelsior</i>	Y	Fair	5	3	3	1	2	14	This tree has two stems from 1m with a one sided crown.	No action is required.
228	Larch	<i>Larix decidua</i>	M	Fair	18	3	4	6	5	46	This single stemmed tree has a thinning crown.	Crown clean and monitor crown for signs of dieback.
229	Ash	<i>Fraxinus excelsior</i>	M	Fair	20	7	9	4	8	84	This tree has three stems from 4m with a spreading crown.	Crown clean.
230	Elm	<i>Ulmus glabra</i>	Y	Fair	7	2	3	4	2	14	This single stemmed tree has a spreading crown.	Monitor crown for signs of dieback.
231	Silver Fir	<i>Abies alba</i>	M	Fair	23	5	4	4	4	63	This single stemmed tree has a fair crown.	Crown clean.
232	Silver Fir	<i>Abies alba</i>	M	Fair	22	0	3	4	4	61	This single stemmed tree has a one sided crown.	Crown clean.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

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Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
233	Larch	<i>Larix decidua</i>	M	Fair	16	2	1	2	3	30	This single stemmed tree has a one sided crown.	Crown clean.	
234	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	5	4	3	5	60	This single stemmed tree has a fair crown and minor cankers throughout.	Crown clean.	
235	Beech	<i>Fagus sylvatica</i>	M	Fair	18	6	5	5	5	63	This tree has three stems from 2m with a good crown.	Crown clean and remove ivy.	
236	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	6	3	5	7	60	This tree has three stems from 3m with a spreading crown.	Crown clean, remove ivy and reduce end weight by 2m.	
237	Beech	<i>Fagus sylvatica</i>	M	Fair	15	3	4	5	5	60	This tree is multi-stemmed from 2m with a fair crown.	Crown clean.	
238	Beech	<i>Fagus sylvatica</i>	OM	Poor	20	6	7	7	8	72	This tree has two stems from 3m with severe crown dieback.	Fell.	
239	Beech	<i>Fagus sylvatica</i>	M	Poor	20	7	8	7	7	88	This tree is multi-stemmed from 3-5m with a dense crown and is infected with Ganoderma.	Fell.	
240	Beech	<i>Fagus sylvatica</i>	M	Fair	20	3	5	6	7	72	This tree is multi-stemmed from 3m with upright form and heavy basal epicormics.	Crown clean.	
241	Beech	<i>Fagus sylvatica</i>	M	Fair	20	8	7	7	8	88	This single stemmed tree has a heavy crown.	Crown clean, remove ivy and reduce end weight by 2m.	
242	Beech	<i>Fagus sylvatica</i>	M	Poor	17	3	4	4	4	50	This tree has two stems from 3m with upright form.	Crown clean, remove ivy and monitor crown for signs of dieback.	
243	Beech	<i>Fagus sylvatica</i>	M	Poor	16	5	4	4	6	46	This tree has a single main stem with a thinning crown and severe weeping canker at base.	Fell.	
244	Beech	<i>Fagus sylvatica</i>	M	Fair	15	7	4	3	6	44	This tree has two stems from 4m with a fair crown.	Tidy branch stumps.	
245	Ash	<i>Fraxinus excelsior</i>	YM	Poor	7	3	3	3	5	38	This single stemmed tree has a damaged crown.	Crown clean, remove ivy and inspect crown for rot.	

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
246	Ash	<i>Fraxinus excelsior</i>	M	Fair	13	5	5	5	7	57	This tree is multi-stemmed from 3m with a spreading crown.	Crown clean and remove ivy.	
247	Beech	<i>Fagus sylvatica</i>	Y	Fair	9	3	2	3	3	30	This multi-stemmed tree has upright form.	No action is required.	
248	Ash	<i>Fraxinus excelsior</i>	Y	Fair	9	3	3	3	3	15	This multi-stemmed tree has a good crown.	No action is required.	
249	Ash	<i>Fraxinus excelsior</i>	M	Fair	11	4	5	5	5	46	This tree has two stems from 2m with a spreading crown.	Crown clean and remove ivy.	
250	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	5	6	6	6	57	This tree is multi-stemmed from 4m with a good crown.	Crown clean.	
251	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	6	5	4	6	52	This tree is single stemmed to 7m with a good crown.	Crown clean and remove ivy.	
252	Area of garden	Mixed	YM	Good	To 12	To 3				To 30	This is a densely planted garden with well maintained birch, western red cedar, apple, hornbeam, ash, cedar and beech etc.	No action is required.	
253	Beech	<i>Fagus sylvatica</i>	YM	Fair	11	2	2	3	3	18	This tree has a single main stem with a fair crown.	No recommendation is given	
254	Beech	<i>Fagus sylvatica</i>	YM	Fair	12	3	3	3	4	29	This tree has three stems from 2m with upright form.	No recommendation is given	
255	Holly	<i>Ilex aquifolium</i>	M	Fair	8	2	1	2	2	26	This single stemmed tree has a thinning crown.	Crown clean and remove ivy.	
256	Ash	<i>Fraxinus excelsior</i>	M	Good	13	5	4	4	5	34	This single stemmed tree has a good crown.	No action is required.	
257	Alder	<i>Alnus glutinosa</i>	YM	Good	9	3	3	3	3	27	This single stemmed tree has a very good crown.	No action is required.	
258	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	4	5	4	2	45	This tree has three stems from 2-4m with a one sided crown.	No action is required.	
259	Ash	<i>Fraxinus excelsior</i>	M	Fair	16	5	3	6	5	53	This tree has a single main stem with a good crown.	No action is required.	
260	Group of Ash	<i>Fraxinus excelsior</i>	YM	Fair	14	To 4				To 20	This is a -- row of multi-stemmed coppiced trees.	No action is required.	
261	Group of Ash and Sycamore	Mixed	Y	Fair	To 8	To 3				To 10	This is a dense hedge.	No action is required.	

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
262	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	14	3	3	4	5	55	This tree has two stems from 4m with a good crown.	Crown clean and remove ivy.
263	Leyland Hedge	X <i>Cupressocyparis leylandii</i>	M	Fair	6	To 2				To 30	This is a tall, recently clipped hedge.	No action is required.
264	Group of Birch, Ash and Beech	Mixed	Y	Fair	10	To 3				To 20	This is a dense double row of trees now forming a screen.	Thin as appropriate and crown lift over drive.
265	Group of Ash	<i>Fraxinus excelsior</i>	YM	Fair	13	To 5				To 30	This is a dense row of mainly multi-stemmed trees which are all coppiced.	Thin as appropriate and remove ivy.
266	Ash	<i>Fraxinus excelsior</i>	YM	Fair	15	3	4	2	2	27	This tree has two stems to a good crown.	Remove ivy.
267	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	6	4	2	3	35	This single stemmed tree has a one sided crown.	Crown clean and remove ivy.
268	Copper Plum	<i>Prunus pissardii</i>	Y	Fair	4	2	2	1	2	12	This tree is multi-stemmed from 1m with a fair crown.	No recommendation is given
269	Norway Maple	<i>Acer platanoides</i>	Y	Fair	4	2	2	2	1	8	This single stemmed tree has a good crown.	No recommendation is given
270	Norway Maple	<i>Acer platanoides</i>	Y	Fair	4	2	1	1	2	8	This single stemmed tree has a good crown.	No recommendation is given
271	Ash	<i>Fraxinus excelsior</i>	M	Fair	14	5	5	4	6	40	This tree has two stems to a good crown.	Remove ivy.
272	Ash	<i>Fraxinus excelsior</i>	M	Fair	14	2	5	5	5	46	This tree has two stems from 5m with a good crown.	Crown clean and remove ivy.
273	Ash	<i>Fraxinus excelsior</i>	M	Fair	14	7	6	2	6	48	This tree has two stems from 2m with a fair crown.	Crown clean and remove ivy.
274	Beech	<i>Fagus sylvatica</i>	Y	Fair	9	1	3	3	4	28	This tree is multi-stemmed from 2m with fair form.	Remove ivy.
275	Row of Willow	<i>Salix fragilis</i>	YM	Fair	To 13	To 5				To 30	This is a single row of pollarded trees with fair form.	Re-pollard.
276	Willow	<i>Salix fragilis</i>	Y	Fair	5	2	2	1	1	15	This repollarded tree is multi-stemmed from 1m.	No action is required.
277	Balsam Poplar	<i>Populus candicans</i>	Y	Fair	5	2	2	1	2	14	This single stemmed tree has a bushy crown.	No action is required.
278	Oak	<i>Quercus rubor</i>	Y	Fair	5	2	2	2	2	17	This tree is multi-stemmed from 2m with a bushy crown.	No action is required.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
279	Lawson cypress	<i>Chamaecyparis lawsoniana</i>	YM	Fair	5	1	2	1	2	30	This tree has three stems from 1m with fair form.	No action is required.	
280	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	15	5	5	5	5	57	This tree is single stemmed to 6m with a good crown.	Crown clean and remove ivy.	
281	Ash	<i>Fraxinus excelsior</i>	YM	Fair	13	3	2	2	4	16	This single stemmed tree has a good crown.	No action is required.	
282	Ash	<i>Fraxinus excelsior</i>	YM	Fair	12	4	2	3	3	20	This single stemmed tree has a good crown.	No action is required.	
283	Ash	<i>Fraxinus excelsior</i>	YM	Fair	11	3	1	2	2	15	This single stemmed tree has a good crown.	Remove ivy.	
284	Sycamore	<i>Acer pseudoplatanus</i>	YM	Fair	11	3	3	2	4	28	This single stemmed tree has a fair crown.	Remove ivy.	
285	Ash	<i>Fraxinus excelsior</i>	YM	Fair	13	4	3	3	4	31	This single stemmed tree has a good crown.	Crown clean and remove ivy.	
286	Ash	<i>Fraxinus excelsior</i>	YM	Fair	11	3	2	2	3	33	This single stemmed tree has a fair crown.	Crown clean and remove ivy.	
287	Ash	<i>Fraxinus excelsior</i>	Y	Fair	11	3	2	2	2	22	This single stemmed tree has a fair crown.	Crown clean and remove ivy.	
288	Ash	<i>Fraxinus excelsior</i>	Y	Fair	8	1	1	1	2	12	This single stemmed tree has a small crown.	Remove ivy.	
289	Sweet Chestnut	<i>Castanea sativa</i>	M	Fair	16	6	5	6	7	84	This single stemmed tree has a good crown.	Crown clean.	
290	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	17	6	5	6	6	68	This tree is multi-stemmed from 1-5m with fair form.	Crown clean, remove ivy and tidy branch stumps.	
291	Ash	<i>Fraxinus excelsior</i>	YM	Poor	13	3	4	4	4	56	This single stemmed tree is pollarded at 4m.	Crown clean, remove ivy and inspect for rot.	
292	Ash	<i>Fraxinus excelsior</i>	M	Fair	21	4	4	4	4	58	This single stemmed tree has a good crown.	Crown clean and remove ivy.	
293	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	15	5	5	5	4	55	This tree has two stems with a spreading crown.	Crown clean and remove ivy.	
294	Sycamore	<i>Acer pseudoplatanus</i>	YM	Fair	14	5	5	4	5	52	This tree is multi-stemmed from 2m with a bushy crown.	Crown clean and remove ivy.	
295	Sycamore	<i>Acer pseudoplatanus</i>	YM	Fair	12	2	3	3	4	33	This tree has two stems from 2m with a good crown.	Crown clean and remove ivy.	
296	Beech	<i>Fagus sylvatica</i>	YM	Fair	13	5	3	4	5	47	This tree is multi-stemmed from 1m with a fair form.	No action is required.	

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
297	Group of Elm	<i>Ulmus minor</i>	Y	Fair	To 9	To 3				To 15	This is a clump of English elm.	Monitor crown for signs of dieback.
298	Group of Alder, Spruce and Ash	Mixed	YM	Fair	To 15	To 4				To 25	This is a group of clumps and thickets of mainly coppiced trees growing along the stream.	Crown clean, remove dead stems and thin as appropriate.
299	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	6	6	7	7	62	This single stemmed tree has a spreading crown.	Crown clean, remove ivy and reduce end weight by 2m.
300	Beech	<i>Fagus sylvatica</i>	M	Fair	18	5	6	6	6	60	This single stemmed tree has a fair crown.	Crown clean and tidy branch stumps.
301	Ash	<i>Fraxinus excelsior</i>	M	Fair	19	5	5	7	6	64	This tree has a single main stem with a fair crown.	Crown clean, remove ivy and reduce end weight by 2m.
302	Group of poplar	<i>Populus X canadensis</i>	YM	Fair	To 20	To 3				To 33	This is a group of single stemmed trees with good form and an under planting with pine.	No action is required.
303	Group of conifers	Mixed	M	Poor	To 18	To 5				To 65	This is a group of Spruce, Larch and Fir.	No recommendation is given
304	Ash	<i>Fraxinus excelsior</i>	M	Fair	14	5	4	1	3	40	This single stemmed tree has a fair crown.	Crown clean and remove ivy.
305	Oak	<i>Quercus rubor</i>	M	Fair	18	5	5	4	7	58	This single stemmed tree has a good crown.	Crown clean, remove ivy and reduce end weight by 2m over road.
306	Beech	<i>Fagus sylvatica</i>	M	Fair	18	7	8	5	7	63	This single stemmed tree has a good crown.	Crown clean, remove ivy and tidy branch stems.
307	Beech	<i>Fagus sylvatica</i>	M	Fair	18	5	5	5	5	57	This tree has two stems from 4m with a fair crown.	Crown clean and remove ivy.
308	Beech	<i>Fagus sylvatica</i>	M	Fair	18	6	7	5	4	60	This tree has two stems from 2m with a spreading crown.	Crown clean and remove ivy.
309	Alder	<i>Alnus glutinosa</i>	M	Fair	15	5	4	0	2	31	This tree has a single leaning stem with a one sided crown.	Remove ivy.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
310	Larch	<i>Larix decidua</i>	M	Poor	18	4	5	3	2	55	This single stemmed tree is almost dead.	Fell.	
311	Sycamore	<i>Acer pseudoplatanus</i>	Y	Fair	12	3	4	2	2	15	This multi-stemmed tree has fair form.	Remove hung up limb.	
312	Norway Spruce	<i>Picea abies</i>	M	Fair	19	3	3	2	2	50	This single stemmed tree has a fair crown.	Remove ivy.	
313	Norway Spruce	<i>Picea abies</i>	M	Fair	18	3	2	3	3	51	This single stemmed tree has a neat crown.	Remove ivy.	
314	Sycamore	<i>Acer pseudoplatanus</i>	M	Good	17	4	5	4	6	53	This single stemmed tree has a neat crown.	Remove ivy.	
315	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	17	4	5	3	5	30	This tree has two stems with a fair crown.	Remove ivy.	
316	Norway Spruce	<i>Picea abies</i>	M	Fair	19	2	3	3	4	44	This single stemmed tree has a thinning crown.	Crown clean, remove ivy and monitor crown for signs of dieback.	
317	Sycamore	<i>Acer pseudoplatanus</i>	M	Good	18	3	4	4	3	40	This single stemmed tree has a good crown.	Crown clean and remove ivy.	
318	Norway Spruce	<i>Picea abies</i>	M	Poor	20	2	2	2	2	32	This single stemmed tree is almost dead.	Fell.	
319	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	4	5	5	5	52	This tree has a single main stem with a fair crown.	Remove ivy.	
320	Plum	<i>Prunus domestica</i>	M	Fair	8	2	3	3	2	24	This single stemmed tree as a neat crown.	No action is required.	
321	Sycamore	<i>Acer pseudoplatanus</i>	YM	Fair	12	5	3	3	5	28	This single stemmed tree has a spreading one sided crown.	Crown clean, remove ivy and crown lift over yard.	
322	Sycamore	<i>Acer pseudoplatanus</i>	YM	Fair	15	3	3	2	3	33	This single stemmed tree has a fair crown.	Remove ivy and crown lift over yard.	
323	Row of Leyland Cypress	<i>X cupressocyparis leylandii</i>	YM	Fair	To 5	To 2				To 28	These five single stemmed trees are forming a screen.	No action is required.	
324	Crack Willow	<i>Salix fragilis</i>	M	Fair	19	8	7	5	7	95	This tree is multi-stemmed from 5-7m with a heavy spreading crown.	Crown clean, remove ivy and reduce end weight by 3m.	
325	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	17	7	6	6	7	64	This tree has two stems from 2m with a fair crown.	Crown clean and remove ivy.	

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
326	Beech	<i>Fagus sylvatica</i>	M	Fair	15	6	6	6	6	60	This tree has a single main stem with heavy side branches at 4m and damage at 1m.	Crown clean, remove ivy and tidy branch stumps.
327	Group of Ash and Cypress	Mixed	Y	Fair	7	To 3				To 10	This is a row of streamside multi-stemmed coppiced ash and Leyland cypress.	No action is required.
328	Beech	<i>Fagus sylvatica</i>	M	Fair	18	6	6	5	6	64	This single stemmed tree has a good crown.	Remove ivy.
329	Group of Ash, Alder and Willow	Mixed	Y	Fair	To 10	To 3				To 15	This is a group of stream multi-stemmed coppiced trees with good form.	Thin as appropriate.
330	Ash	<i>Fraxinus excelsior</i>	M	Fair	16	6	5	1	5	46	This tree has two stems with a fair crown.	Crown clean and remove ivy.
331	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	3	4	5	6	32	This single stemmed tree has a fair crown.	Crown clean and remove ivy.
332	Alder	<i>Alnus glutinosa</i>	M	Fair	12	3	4	4	4	35	This tree is multi-stemmed from 5m with a spreading crown.	Crown clean.
333	Alder	<i>Alnus glutinosa</i>	M	Fair	13	3	4	5	4	23	This tree has two stems with a fair crown.	No action is required.
334	Ash	<i>Fraxinus excelsior</i>	M	Poor	18	5	2	5	6	55	This tree is multi-stemmed from 8m with a spreading crown and a cavity at the base.	Crown clean, remove ivy and reduce end weight by 3m.
335	Ash	<i>Fraxinus excelsior</i>	M	Fair	19	5	4	6	4	56	This tree has two stems with a fair crown.	Crown clean, reduce end weight by 2m and remove ivy.
336	Alder	<i>Alnus glutinosa</i>	YM	Fair	10	3	4	3	3	20	This tree has two stems with a fair crown.	No action is required.
337	Group of sycamore, willow and alder	Mixed	Y	Fair	To 9	To 3				To 20	This is a scattered group of riverside trees which are mostly multi-stemmed.	No action is required.
338	Group of Lawson Cypress	<i>Chamaecyparis lawsoniana</i>	M	Fair	13	To 3				32	This is a small plantation with fair form.	Remove ivy and dying stem.
339	Horse Chestnut	<i>Aesculus hippocastanum</i>	Y	Fair	8	1	2	1	3	14	This single stemmed tree has a fair crown.	No action is required.
340	Group of ash and alder	Mixed	YM	Fair	To 12	To 4				To 30	This is a group of riverside trees with mostly good form.	Crown clean and remove ivy.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
341	Ash	<i>Fraxinus excelsior</i>	M	Fair	13	4	3	3	4	30	This single stemmed tree has a fair crown.	No action is required.
342	Ash	<i>Fraxinus excelsior</i>	M	Poor	14	4	3	3	3	34	This single stemmed tree is almost dead with severe with severe damage at 1m.	Fell.
343	Crack Willow	<i>Salix fragilis</i>	M	Fair	17	7	5	6	5	67	This tree has a single leaning stem with heavy side branches and a good crown.	Crown clean and remove ivy.
344	Row of Ash	<i>Fraxinus excelsior</i>	YM	Fair	To 15	To 5				To 35	This is an overgrown riverside hedge with multi-stemmed coppiced ash.	Thin stems as appropriate.
345	Group of Ash	<i>Fraxinus excelsior</i>	YM	Fair	To 12	To 4				To 30	This is a scattered row of mainly multi-stemmed hedgerow trees with fair form.	No action is required.
346	Ash	<i>Fraxinus excelsior</i>	M	Fair	12	4	5	4	3	34	This single stemmed tree has a bushy crown.	Crown clean and remove ivy.
347	Ash	<i>Fraxinus excelsior</i>	M	Fair	13	5	4	6	4	56	This single stemmed tree has a fair crown.	Crown clean and remove ivy.
348	Ash	<i>Fraxinus excelsior</i>	-	Dead	-	-	-	-	-	-	This tree is dead.	Fell.
349	Sycamore	<i>Acer pseudoplatanus</i>	YM	Good	13	1	3	3	3	22	This single stemmed tree has a very good crown.	Remove ivy.
350	Area of wood	Mixed	M	Fair	To 15	To 5				To 30	This is a recently planted ornamental wood with cypress, larch, spruce, alder, ash and field maple	No action is required.
351	Ash	<i>Fraxinus excelsior</i>	M	Fair	14	4	1	2	4	33	This tree has two stems from 7m with a scrappy crown.	Crown clean and remove ivy.
352	Ash	<i>Fraxinus excelsior</i>	YM	Fair	14	5	4	5	4	30	This tree has two stems with a fair crown.	Remove ivy.
353	Ash	<i>Fraxinus excelsior</i>	Y	Poor	7	3	5	3	0	36	This tree has a single leaning stem with a part failed crown and is rotten.	Fell.
354	Two Ash	<i>Fraxinus excelsior</i>	YM	Fair	13	2	2	2	2	20	These two hedgerow trees have uptight form.	No action is required.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
355	Alder	<i>Alnus glutinosa</i>	OM	Poor	11	3	5	3	3	35	This tree has two stems from 2m with severe crown dieback.	Fell.	
356	Alder	<i>Alnus glutinosa</i>	Y	Fair	6	3	2	2	2	10	This multi-stemmed coppice has fair form.	No action is required.	
357	Lawson cypress	<i>Chamaecyparis lawsoniana</i>	M	Fair	17	2	4	3	3	57	This tree has two stems to a good crown.	No action is required.	
358	Group of willow and alder	Mixed	YM	Fair	To 9	To 3				To 12	This is a dense row of multi-stemmed coppiced trees with good form.	No action is required.	
359	Ash	<i>Fraxinus excelsior</i>	M	Fair	14	4	3	4	5	47	This single stemmed tree has a fair crown.	Crown clean and remove ivy.	
360	Group of Ash	<i>Fraxinus excelsior</i>	YM	Fair	To 17	To 5				To 27	This is a small clump of single stemmed trees growing beside a conifer plantation	Thin as appropriate.	
361	Area of Conifers	Mixed	M	Fair	To 22	To 4				To 38	This is a mixed plantation of Norway spruce, larch and Scots pine which are now mature.	Remove dead stem.	
362	Ash	<i>Fraxinus excelsior</i>	YM	Fair	11	5	1	2	4	20	This tree has two stems to a fair crown.	No action is required.	
363	Ash	<i>Fraxinus excelsior</i>	YM	Fair	14	4	1	3	5	25	This single stemmed tree has a one sided crown.	No action is required.	
364	alder	<i>Alnus glutinosa</i>	M	Fair	13	2	0	3	5	27	This tree has two stems to a one sided crown.	No action is required.	
365	Group of Ash	<i>Fraxinus excelsior</i>	YM	Fair	To 13	To 5				To 28	This is a group of about eight mainly single stemmed trees growing in a hedge.	No action is required.	
366	Ash	<i>Fraxinus excelsior</i>	Y	Fair	9	2	3	3	3	22	This single stemmed tree has a good crown.	Remove ivy.	
367	Alder	<i>Alnus glutinosa</i>	Y	Fair	8	1	1	3	1	15	This tree has two stems to a fair crown.	No action is required.	
368	Group of Ash	<i>Fraxinus excelsior</i>	Y	Fair	8	To 3				15	These mainly multi stemmed coppiced trees have good form	No action is required.	
369	Beech	<i>Fagus sylvatica</i>	M	Fair	16	7	7	7	3	69	This tree has two stems from 4m with a dense spreading crown.	Crown clean and tidy branch stumps.	

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
370	Group of Garden trees	Mixed	YM	Good	To 8	To 4				To 30	This is a row of mixed apple, rowan and cherry with some small conifers, all with good form.	No action is required.	
371	Beech	<i>Fagus sylvatica</i>	M	Fair	12	5	6	6	7	53	This tree has two stems from 2m with a spreading crown.	Crown clean and remove ivy.	
372	Beech	<i>Fagus sylvatica</i>	M	Fair	11	4	6	7	5	54	This tree is multi-stemmed from 3m with a one sided crown.	Crown clean, remove ivy and branch stumps.	
373	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	5	6	4	6	50	This tree has a single main stem with heavy side branches.	crown clean and remove ivy.	
374	Larch	<i>Larix decidua</i>	-	Dead	-	-	-	-	-	-	This tree is dead.	Fell.	
375	Scots Pine	<i>Pinus sylvestris</i>	M	Fair	20	5	6	5	5	66	This tree has two stems from 5m with a deep crown.	Crown clean and remove ivy.	
376	Beech	<i>Fagus sylvatica</i>	M	Fair	18	5	5	4	6	55	This tree has two stems from 6m with a well formed crown.	Crown clean and remove ivy.	
377	Beech	<i>Fagus sylvatica</i>	M	Fair	22	5	7	8	7	73	This tree has two stems from 6m with a well formed crown.	Crown clean an and remove ivy.	
378	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	5	5	1	5	47	This tree is single stemmed to 5m with a one sided crown.	Crown clean, remove ivy and clear back from overhead cables.	
379	Larch	<i>Larix decidua</i>	-	Dead	-	-	-	-	-	-	This tree is dead.	Fell.	
380	Larch	<i>Larix decidua</i>	-	Dead	-	-	-	-	-	-	This tree is dead.	Fell.	
381	Scots Pine	<i>Pinus sylvestris</i>	M	Fair	18	3	5	4	4	47	This single stemmed tree has a thinning crown.	Crown clean and monitor crown for signs of dieback.	
382	Larch	<i>Larix decidua</i>	-	Dead	-	-	-	-	-	-	This tree is dead.	Fell.	
383	Scots Pine	<i>Pinus sylvestris</i>	M	Fair	19	6	5	3	6	35	This single stemmed tree has a spreading crown.	Crown clean and remove ivy.	
384	Ash	<i>Fraxinus excelsior</i>	YM	Fair	13	4	2	3	3	36	This single stemmed tree has a fair crown.	Crown clean and remove ivy.	
385	Scots Pine	<i>Pinus sylvestris</i>	M	Fair	20	3	3	3	3	44	This single stemmed tree has a fair crown.	Crown clean.	

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
386	Ash	<i>Fraxinus excelsior</i>	Y	Fair	8	3	2	2	2	9	This tree has two stems with a fair crown.	No action is required.
387	Scots Pine	<i>Pinus sylvestris</i>	M	Poor	17	2	6	5	4	57	This single stemmed tree has a thinning crown.	Crown clean, inspect crown for rot and monitor crown for signs of dieback.
388	Ash	<i>Fraxinus excelsior</i>	YM	Fair	11	3	2	0	2	15	This single stemmed tree has a one sided crown.	Crown clean and remove ivy.
389	Ash	<i>Fraxinus excelsior</i>	YM	Fair	13	1	2	3	4	33	This single stemmed tree has a one sided crown.	Crown clean and remove ivy.
390	Ash	<i>Fraxinus excelsior</i>	M	Fair	13	3	4	5	3	35	This single stemmed tree has a neat crown.	Crown clean and remove ivy.
391	Scots Pine	<i>Pinus sylvestris</i>	M	Fair	20	5	7	5	4	59	This single stemmed tree has a spreading crown.	Crown clean.
392	Beech	<i>Fagus sylvatica</i>	M	Fair	21	6	6	5	6	55	This tree has two stems from 8m with a good crown.	Crown clean, remove ivy and tidy branch stumps.
393	Scots Pine	<i>Pinus sylvestris</i>	M	Fair	20	3	5	3	4	48	This single stemmed tree has a good crown.	Crown clean.
394	Beech	<i>Fagus sylvatica</i>	M	Fair	21	8	7	7	6	96	This tree has three stems from 6m with a broad spreading crown.	Crown clean, remove ivy and reduce end weight by 2m.
395	Scots Pine	<i>Pinus sylvestris</i>	M	Fair	18	5	4	0	0	50	This single stemmed tree has a small one sided crown.	Crown clean and remove ivy.
396	beech	<i>Fagus sylvatica</i>	M	Fair	21	6	6	5	5	60	This tree has two stems from 4m with a dense crown.	Crown clean, remove ivy and reduce end weight by 2m.
397	Scots Pine	<i>Pinus sylvestris</i>	M	Fair	18	1	3	2	0	33	This single stemmed tree has a one sided crown.	Crown clean and remove ivy.
398	Beech	<i>Fagus sylvatica</i>	M	Fair	20	5	5	3	5	55	This single stemmed tree has a good crown.	Crown clean and reduce end weight by 2m.
399	beech	<i>Fagus sylvatica</i>	M	Poor	20	2	5	3	5	67	This tree is multi-stemmed from 2m with a thinning crown and is infected with Ustilina.	Fell.
400	Beech	<i>Fagus sylvatica</i>	M	Poor	20	5	7	4	6	65	This tree has two stems from 3m with a thinning crown.	Crown clean and reduce end weight by 3m.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
401	beech	<i>Fagus sylvatica</i>	M	Fair	21	7	9	6	8	68	This tree has two stems from 6m with a good crown.	Crown clean, remove ivy and reduce end weight by 2m.
402	Ash	<i>Fraxinus excelsior</i>	M	Fair	8	2	2	2	2	12	This single stemmed tree has a good crown.	Fell to clear back from overhead cables.
403	Holly	<i>Ilex aquifolium</i>	M	Fair	8	2	2	3	2	18	This single stemmed tree has a fair crown.	Crown clean and remove ivy.
404	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	4	6	7	7	64	This tree is single stemmed to 10m with a fair crown.	Crown clean, remove ivy and reduce end weight by 2m.
405	Beech	<i>Fagus sylvatica</i>	M	Fair	22	7	7	5	6	69	This tree has a single main stem to 12m with a good crown.	No action is required.
406	Beech	<i>Fagus sylvatica</i>	M	Poor	20	4	4	5	5	73	This tree has two stems from 2m with a thin stag headed crown.	Fell.
407	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	17	4	4	5	4	62	This tree has two stems from 6m with a dense crown.	Crown clean and remove ivy.
408	Beech	<i>Fagus sylvatica</i>	M	Fair	18	6	6	6	6	60	This single stemmed tree has a good crown.	Crown clean.
409	Beech	<i>Fagus sylvatica</i>	M	Fair	19	5	6	6	6	61	This single stemmed tree has a good crown.	Crown clean and remove minor deadwood
410	Beech	<i>Fagus sylvatica</i>	M	Fair	18	5	5	6	7	62	This single stemmed tree has a good crown.	Crown clean.
411	Hornbeam	<i>Carpinus betulus</i>	Y	Fair	5	1	1	1	1	15	This tree is multi-stemmed with upright form.	No action is required.
412	Two Himalayan Birch	<i>Betula jacquemontii</i>	Y	Good	5	3	2	2	2	14	This tree is multi-stemmed from 1m with a good crown.	No action is required.
413	Sycamore	<i>Acer pseudoplatanus</i>	M	Good	17	2	4	5	5	57	This single stemmed tree has a very good crown.	Clear back from overhead cables.
414	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	15	7	3	1	7	68	This tree has a single main stem with heavy side branches.	Crown clean, remove ivy and tidy damaged stumps.
415	Beech	<i>Fagus sylvatica</i>	M	Fair	16	4	7	6	5	66	This tree has three stems from 5m with a fair crown.	Crown clean and remove ivy.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
416	Group of Cypress	Mixed	M	Fair	To 15	To 3				To 45	This is a broken row of mature Lawson and Leyland cypresses	Remove fallen stem.
417	Beech	<i>Fagus sylvatica</i>	YM	Good	11	4	4	2	4	30	This single stemmed tree has a good crown.	No action is required.
418	Laburnum	<i>Laburnum anagyroides</i>	YM	Fair	4	3	3	0	3	15	This tree is multi-stemmed from 1m with a good crown.	No action is required.
419	Birch	<i>Betula pubescens</i>	M	Good	5	2	3	3	3	15	This single stemmed tree has a weeping crown.	No action is required.
420	Copper Plum	<i>Prunus pissardii</i>	M	Fair	6	3	3	3	3	27	This multi-stemmed tree has a good crown.	No action is required.
421	Ash	<i>Fraxinus excelsior</i>	YM	Fair	15	4	4	6	4	32	This tree has two stems with a fair crown.	Monitor damage to wall.
422	Horse Chestnut	<i>Aesculus hippocastanum</i>	M	Fair	15	7	5	6	7	72	This tree is multi-stemmed from 2m with a spreading crown.	Crown lift over drive.
423	Ash	<i>Fraxinus excelsior</i>	YM	Fair	16	4	5	3	2	57	This tree is multi-stemmed from 2m with a fair crown.	Crown clean, remove ivy and clear back from overhead cables.
424	Ash	<i>Fraxinus excelsior</i>	YM	Fair	17	4	4	3	2	33	This tree has two stems to a fair crown.	Crown clean and remove ivy.
425	Row of Lawson Cypress	<i>Chamaecyparis lawsoniana</i>	M	Fair	To 16	To 4				To 62	This is a row of mature, mostly single stemmed trees with fair form.	Crown clean, remove ivy and tidy branch stumps.
426	Row of Birch and Maple	Mixed	Y	Fair	To 4	To 1				To 12	This is a single row of well formed trees.	No action is required.
427	Group of birch	<i>Betula pubescens</i>	YM	Fair	To 8	To 2				To 12	This is a group of about thirty trees growing in a small clump with good form.	No action is required.
428	Beech	<i>Fagus sylvatica</i>	M	Fair	12	3	3	5	3	27	These two well formed trees are growing close together.	No action is required.
429	Beech	<i>Fagus sylvatica</i>	M	Fair	16	6	6	3	6	68	This tree has two stems from 2m with a spreading crown.	No recommendation is given.
430	Beech	<i>Fagus sylvatica</i>	M	Fair	16	7	7	7	7	57	This tree is multi-stemmed with a spreading crown.	No recommendation is given.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
431	Sycamore	<i>Acer pseudoplatanus</i>	YM	Fair	9	2	2	3	3	32	This tree has two stems from 3m with a fair crown.	No recommendation is given.
432	Ash	<i>Fraxinus excelsior</i>	Y	Fair	9	3	2	1	3	14	This single stemmed tree has a fair crown.	No recommendation is given.
433	Ash	<i>Fraxinus excelsior</i>	Y	Fair	8	3	2	3	3	17	This tree is single stemmed to 3m with damage at 2m.	No recommendation is given.
434	Ash	<i>Fraxinus excelsior</i>	Y	Fair	8	3	1	2	2	15	This single stemmed tree has a fair crown.	No recommendation is given.
435	Cherry	<i>Prunus padus</i>	YM	Fair	9	3	3	2	2	17	This tree has a single main stem with heavy side branches.	No recommendation is given.
436	Ash	<i>Fraxinus excelsior</i>	Y	Fair	8	2	2	2	3	14	This tree has two stems from 2m with a good crown.	No recommendation is given.
437	Ash	<i>Fraxinus excelsior</i>	Y	Fair	6	1	1	1	1	9	This single stemmed tree has a small crown.	No recommendation is given.
438	Ash	<i>Fraxinus excelsior</i>	M	Fair	14	6	3	5	6	42	This tree has two stems from 3m with a spreading crown.	No recommendation is given.
439	Sycamore	<i>Acer pseudoplatanus</i>	YM	Fair	9	3	2	2	3	19	This single stemmed tree has a good crown.	No recommendation is given.
440	Ash	<i>Fraxinus excelsior</i>	YM	Fair	12	4	3	2	4	25	This tree has two stems from 2m with a fair crown.	No recommendation is given.
441	Ash	<i>Fraxinus excelsior</i>	YM	Fair	12	3	3	2	3	27	This single stemmed tree has a good crown.	No recommendation is given.
442	Beech	<i>Fagus sylvatica</i>	M	Fair	16	5	7	6	5	57	This tree is multi-stemmed from 2m with a good crown.	No recommendation is given.
443	Beech	<i>Fagus sylvatica</i>	M	Fair	16	7	7	2	7	50	This tree is multi-stemmed from 2m with a spreading crown.	No recommendation is given.
444	Ash	<i>Fraxinus excelsior</i>	YM	Fair	13	3	3	2	4	28	This tree has two stems from 4m with upright form.	No recommendation is given.
445	Sycamore	<i>Acer pseudoplatanus</i>	YM	Fair	13	3	2	3	5	31	This tree has a single main stem with heavy side branches.	No recommendation is given.
446	Sycamore	<i>Acer pseudoplatanus</i>	YM	Fair	12	3	3	3	4	29	This tree is multi-stemmed from 2m.	No recommendation is given.
447	Sycamore	<i>Acer pseudoplatanus</i>	YM	Fair	12	3	1	3	4	26	This tree has two stems from 3m.	No recommendation is given.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
448	Ash	<i>Fraxinus excelsior</i>	Y	Fair	11	3	2	2	3	16	This single stemmed tree has a good crown.	No recommendation is given.
449	Sitka Spruce	<i>picea sitchensis</i>	M	Fair	12	3	2	3	3	31	This single stemmed tree has a fair crown.	No recommendation is given.
450	Ash	<i>Fraxinus excelsior</i>	OM	Fair	21	8	7	8	7	95	This tree is multi-stemmed from 5m with a heavy spreading crown.	No recommendation is given.
451	Cherry	<i>Prunus padus</i>	OM	Poor	12	5	3	5	4	77	This tree is single stemmed to 3m with a spreading crown and is smothered with ivy.	No recommendation is given.
452	Ash	<i>Fraxinus excelsior</i>	YM	Fair	13	4	4	3	3	44	This tree has two stems to a spreading crown.	No recommendation is given.
453	Leyland cypress	<i>X cupressocyparis leylandii</i>	Y	Fair	5	3	3	3	3	31	This tree has two stems from 1m with a good crown.	No action is required.
454	Whitebeam	<i>Sorbus alba</i>	YM	Fair	6	2	2	2	2	16	This tree is multi-stemmed from 1m with a fair crown.	No action is required.
455	Plum	<i>Prunus domestica</i>	M	Fair	6	To 3				To 15	This is a small orchard with good form.	No action is required.
456	Beech	<i>Fagus sylvatica</i>	M	Fair	17	5	7	7	0	63	This tree has a single main stem with heavy side branches.	Reduce side branches by 2m.
457	Group of Leyland Cypress	<i>X cupressocyparis leylandii</i>	YM	Fair	To 10	To 3				To 20	This is a row of single stemmed trees with fair form.	No action is required.
458	Beech	<i>Fagus sylvatica</i>	M	Good	16	4	5	5	6	52	This single stemmed tree has a good crown.	Remove ivy.
459	Ash	<i>Fraxinus excelsior</i>	M	Fair	21	7	6	7	7	75	This tree is single stemmed to 6m with a heavy spreading crown.	Crown clean, remove ivy and reduce end weight by 2m.
460	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	14	6	5	6	6	60	This tree has a single main stem with heavy side branches.	Crown clean.
461	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	11	2	4	5	4	38	This single stemmed tree has a flat topped spreading crown.	Crown clean and remove ivy.
462	Ash	<i>Fraxinus excelsior</i>	M	Poor	11	9	2	2	3	66	This single stemmed tree has a part collapsed crown.	Fell.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
463	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	17	5	5	5	6	68	This tree is multi-stemmed from 3m with a dense upright crown.	Crown clean and remove ivy.
464	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	3	5	5	6	61	This tree is single stemmed to 4m with a broad spreading crown.	Crown clean, remove ivy and reduce end weight by 2m.
465	Ash	<i>Fraxinus excelsior</i>	M	Fair	16	4	5	7	7	63	This tree has two stems from 3m with a heavy spreading crown.	Crown clean, remove ivy and reduce end weight by 2m.
466	Ash	<i>Fraxinus excelsior</i>	YM	Fair	15	4	4	3	4	47	This tree is single stemmed to 6m with a fair crown.	Crown clean and remove ivy.
467	Ash	<i>Fraxinus excelsior</i>	M	Fair	16	5	6	7	6	62	This tree is single stemmed to 3m with a broad spreading crown.	Crown clean and reduce end weight by 2m.
468	Row of Ash	<i>Fraxinus excelsior</i>	Y	Fair	To 8	To 2				To 10	This is a hedge with coppiced ash.	No action is required.
469	Row of Leyland Cypress	<i>X cupressocyparis leylandii</i>	YM	Fair	6	To 2				To 20	This is a dense hedge with fair form.	No action is required.
470	Group of Garden trees	Mixed	Y	Fair	To 3	To 1				To 15	This is a tidy garden with tightly clipped trees	No action is required.
471	Group of Ash and Alder	Mixed	YM	Fair	To 10	To 3				To 20	This is a row of mainly multi-stemmed stream side trees.	No action is required.
472	Birch	<i>Betula pubescens</i>	M	Good	14	5	6	5	3	33	This single stemmed tree has a good crown.	No action is required.
473	Sycamore	<i>Acer pseudoplatanus</i>	Y	Fair	8	3	3	2	2	12	This multi-stemmed tree is coppiced with good form.	Clear back from overhead cables.
474	Ash	<i>Fraxinus excelsior</i>	YM	Fair	13	5	4	5	3	36	This multi-stemmed tree has a fair crown.	Crown clean.
475	Ash	<i>Fraxinus excelsior</i>	YM	Fair	14	7	4	6	7	57	This multi-stemmed tree has a spreading crown.	Crown clean and remove ivy.
476	Ash	<i>Fraxinus excelsior</i>	YM	Fair	13	7	3	0	3	45	This tree has a single leaning stem with a one sided crown.	Crown clean and remove ivy.
477	Birch	<i>Betula pubescens</i>	M	Fair	15	5	5	3	6	32	This tree has two stems to a spreading crown.	No action is required.
478	Sitka Spruce	<i>picea sitchensis</i>	M	Fair	17	5	4	2	3	42	This single stemmed tree has a good crown.	No action is required.
479	Birch	<i>Betula pubescens</i>	M	Good	15	5	5	4	5	36	This single stemmed tree has a very good crown.	No action is required.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
480	Birch	<i>Betula pubescens</i>	M	Good	10	2	3	2	2	27	This single stemmed tree has a good crown.	No action is required.
481	Birch	<i>Betula pubescens</i>	M	Good	11	4	3	3	3	29	This single stemmed tree has a good crown.	No action is required.
482	Group of Ash	<i>Fraxinus excelsior</i>	Y	Good	To 10	To 3				To 17	This is a group of seven single stemmed trees with very good form.	No action is required.
483	Birch	<i>Betula pubescens</i>	M	Fair	15	3	4	5	5	32	This tree has two stems from 2m with a good crown.	No action is required.
484	Birch	<i>Betula pubescens</i>	M	Good	13	3	3	3	2	29	This single stemmed tree has a good crown.	Crown clean and remove ivy.
485	Two Ash	<i>Fraxinus excelsior</i>	YM	Fair	12	3	4	4	4	22	These two trees are growing close together with good form.	No action is required.
486	Elm	<i>Ulmus glabra</i>	YM	Good	13	4	4	4	4	36	This tree is single stemmed to 5m with a very good crown.	Monitor crown for signs of dieback.
487	Birch	<i>Betula pubescens</i>	M	Good	12	2	3	2	2	29	This single stemmed tree has a good crown.	No action is required.
488	Ash	<i>Fraxinus excelsior</i>	Y	Fair	10	4	4	4	3	22	This single stemmed tree has a good crown.	No action is required.
489	Elm	<i>Ulmus glabra</i>	YM	Fair	12	4	4	4	4	33	This tree has a single main stem with heavy side branches.	Monitor crown for signs of dieback.
490	Ash	<i>Fraxinus excelsior</i>	Y	Fair	10	3	4	2	3	17	This tree has a single main stem with a good crown.	No action is required.
491	Norway Spruce	<i>Picea abies</i>	Y	Good	7	1	1	1	1	10	This tree has a single main stem with a good crown.	No action is required.
492	Birch	<i>Betula pubescens</i>	M	Fair	11	2	3	3	3	27	This tree has two stems from 3m with a fair crown.	No action is required.
493	Birch	<i>Betula pubescens</i>	M	Fair	13	3	3	2	3	25	This tree has two stems from 2m with a fair crown.	No action is required.
494	Birch	<i>Betula pubescens</i>	M	Fair	11	2	3	3	3	26	This single stemmed tree has a good crown.	No action is required.
495	Birch	<i>Betula pubescens</i>	YM	Fair	11	2	2	1	2	17	This single stemmed tree has a good crown.	No action is required.
496	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	2	7	6	6	55	This multi-stemmed tree has a spreading crown with canker.	Crown clean, remove ivy and reduce end weight by 2m.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
497	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	5	5	4	6	48	This tree has two stems to a good crown.	Crown clean and remove ivy.
498	Group of Ash	<i>Fraxinus excelsior</i>	YM	Fair	To 15	To 5				To 20	This is a small thicket of hedgerow trees.	Crown clean and remove ivy.
499	Two Ash	<i>Fraxinus excelsior</i>	YM	Poor	16	3	4	3	4	55	These two multi-stemmed trees have thinning crowns.	Crown clean, remove ivy and reduce end weight by 3m.
500	Ash	<i>Fraxinus excelsior</i>	-	Dead	-	-	-	-	-	-	This tree is dead.	Fell.
501	Two Ash	<i>Fraxinus excelsior</i>	M	Fair	16	5	6	6	4	46	These two trees are growing very close together.	Crown clean and reduce end weight by 2m.
502	Ash	<i>Fraxinus excelsior</i>	M	Poor	13	3	4	3	5	45	This tree has two stems and is almost dead.	Fell.
503	Ash	<i>Fraxinus excelsior</i>	Y	Fair	9	3	3	2	3	15	This tree is single stemmed to 4m with a fair crown.	Remove ivy.
504	Group of Ash	<i>Fraxinus excelsior</i>	Y	Fair	To 13	To 4				To 25	This is a mainly multi-stemmed hedgerow of trees.	Crown clean and thin as appropriate.
505	Row of Garden trees	Mixed	Y	Fair	To 5	To 3				To 15	This is a row of birch, cherry and whitebeam etc with good form.	No action is required.
506	Ash	<i>Fraxinus excelsior</i>	M	Fair	13	4	6	6	6	57	This tree is multi-stemmed from 3m with a spreading crown.	Crown clean.
507	Ash	<i>Fraxinus excelsior</i>	YM	Fair	13	2	3	2	1	17	This single stemmed tree has a good crown.	No action is required.
508	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	5	6	5	6	47	This tree has two stems from 3m with a spreading crown.	Remove ivy.
509	Ash	<i>Fraxinus excelsior</i>	M	Fair	13	5	5	2	3	33	This single stemmed tree has a good crown.	Remove ivy.
510	Group of Ash	<i>Fraxinus excelsior</i>	M	Fair	To 14	To 5				To 30	This is a row of mainly single stemmed trees growing in a hedge.	Crown clean, remove ivy and thin as appropriate.
511	Birch	<i>Betula pubescens</i>	M	Fair	13	3	4	3	1	22	This tree has two stems to a fair crown.	No action is required.
512	Birch	<i>Betula pubescens</i>	M	Fair	13	3	3	3	2	27	This tree has two stems to a good crown.	No action is required.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
513	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	5	5	5	5	56	This tree has a single main stem with a good crown.	Crown clean and remove ivy.
514	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	5	5	6	5	63	This tree is single stemmed to 9m with a good crown.	Crown clean, remove ivy and reduce end weight by 2m.
515	Ash	<i>Fraxinus excelsior</i>	YM	Fair	8	3	3	4	4	27	This tree is single stemmed to 3m with damage at 3m.	Tidy damaged branch.
516	Ash	<i>Fraxinus excelsior</i>	YM	Fair	10	5	5	4	5	35	This tree is multi-stemmed from 3m with a spreading crown.	Crown clean and remove ivy.
517	Row of Garden trees	Mixed	Y	Fair	To 3	To 2				To 10	This is a mix of cherry and maple with good form.	No action is required.
518	Lime	<i>Tilia Spp.</i>	Y	Fair	11	5	4	4	5	34	This tree is multi-stemmed from 1-2m with a bushy crown.	No action is required.
519	Lime	<i>Tilia Spp.</i>	Y	Fair	9	5	3	4	5	30	This tree is multi-stemmed from 2m with a dense crown.	No action is required.
520	Willow	<i>Salix fragilis</i>	M	Fair	13	6	6	5	5	28	This tree has three stems from 2m with a spreading crown.	No action is required.
521	Sugar Maple	<i>Acer saccharum</i>	YM	Fair	12	3	3	3	3	27	This tree is single stemmed to 4m with upright form.	No action is required.
522	Lime	<i>Tilia Spp.</i>	Y	Fair	10	4	3	4	4	29	This tree has two stems from 2m with a fair crown.	No action is required.
523	Oak	<i>Quercus rubor</i>	Y	Good	9	2	3	3	2	26	This single stemmed tree has a very good crown.	No action is required.
524	Oak	<i>Quercus rubor</i>	Y	Good	11	5	5	5	5	30	This single stemmed tree has a good crown.	No action is required.
525	Oak	<i>Quercus rubor</i>	Y	Fair	10	4	4	4	4	30	This tree has a single main stem with heavy side branches.	No action is required.
526	Oak	<i>Quercus rubor</i>	Y	Fair	11	4	4	4	4	27	This single stemmed tree has heavy side branches.	No action is required.
527	Oak	<i>Quercus rubor</i>	Y	Fair	4	2	1	1	1	10	This multi stemmed tree is growing from a coppiced stump	Thin stems to 3 or 4
528	Oak	<i>Quercus rubor</i>	Y	Fair	10	4	5	5	4	27	This tree has a single main stem with heavy side branches.	No action is required.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
529	Oak	<i>Quercus rubor</i>	YM	Fair	12	5	6	6	4	33	This single stemmed tree has a spreading crown.	Reduce end weight by 2m over road.	
530	Oak	<i>Quercus rubor</i>	YM	Poor	13	4	4	5	4	32	This tree has two stems from 2m with a part failed fork.	Reduce smaller leaders by up to 4m.	
531	Lime	<i>Tilia Spp.</i>	YM	Fair	12	5	4	5	5	37	This tree is multi-stemmed from 1-2m with a dense crown.	No action is required.	
532	Italian Alder	<i>Alnus incana</i>	M	Fair	14	4	5	4	4	35	This single stemmed tree has a fair crown.	No action is required.	
533	Italian Alder	<i>Alnus incana</i>	M	Fair	15	3	5	4	3	35	This single stemmed tree has a fair crown.	No action is required.	
534	Italian Alder	<i>Alnus incana</i>	M	Fair	12	3	3	3	3	31	This tree has two stems from 2m which are part pollarded.	Fell to clear back from overhead cables.	
535	Garden trees	Mixed	Y	Fair	3	1	1	1	1	11	This is a group of closely clipped cherry, pear, birch etc.	No action is required.	
536	Two Lawson Cypress & One Western Red Cedar	Mixed	M	Fair	14	To 3				To 62	These two Lawson cypress are multi-stemmed from 1m and the western red cedar is single stemmed.	No action is required.	
537	Cherry	<i>Prunus Kanzan</i>	M	Fair	6	4	4	3	4	47	This tree has three stems from 1m with a good crown.	No action is required.	
538	Two monkey puzzle	<i>Araucaria araucana</i>	YM	Good	12	2	2	2	2	30	These two single stemmed trees have very good form.	No action is required.	
539	Norway Maple	<i>Acer platanoides</i>	YM	Fair	5	3	3	3	3	27	This tree is multi-stemmed from 2m with a dense spreading crown.	Crown lift over foot path.	
540	Norway Maple	<i>Acer platanoides</i>	YM	Poor	11	3	4	4	5	28	This tree has a single main stem with severe wound at 2m.	Reduce side branches by 2m.	
541	Norway Maple	<i>Acer platanoides</i>	YM	Fair	9	3	4	3	2	22	This tree has two stems from 2m with a fair crown.	No action is required.	
542	Rowan	<i>Sorbus aucuparia</i>	M	Fair	4	2	2	2	2	14	This multi-stemmed tree has a dense crown.	No action is required.	
543	Himalayan Birch	<i>Betula jacquemontii</i>	YM	Fair	5	2	2	3	1	14	This tree has two stems from 2m with a good crown.	No action is required.	

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
544	Norway Maple	<i>Acer platanoides</i>	Y	Fair	5	1	1	1	0	7	This tree has two stems from 2m with a small crown.	No action is required.
545	Poplar	<i>Populus Spp</i>	YM	Fair	10	3	3	2	2	15	This tree is multi-stemmed from 3m with a scrappy crown.	Crown clean.
546	Group of Birch	<i>Betula pubescens</i>	M	Fair	To 16	To 5				To 40	This is a row of mature trees growing beside the river.	No action is required.
547	Birch	<i>Betula pubescens</i>	YM	Fair	11	3	3	3	3	27	This tree has three stems from 2-3m with a good crown.	Crown lift over path.
548	Birch	<i>Betula pubescens</i>	Y	Fair	7	2	2	2	2	13	This tree is single stemmed to 2m with a dense scrappy crown.	No action is required.
549	Birch	<i>Betula pubescens</i>	YM	Fair	10	4	4	4	4	27	This tree has two stems from 2m with a spreading crown.	Crown lift over foot path.
550	Norway Maple	<i>Acer platanoides</i>	YM	Fair	10	4	4	4	3	31	This tree has a single main stem to 4m with a spreading crown.	No action is required.
551	Norway Maple	<i>Acer platanoides</i>	YM	Fair	10	3	3	3	3	30	This tree has two stems from 1m with a good crown.	No action is required.
552	Whitebeam	<i>Sorbus aria</i>	M	Fair	7	2	3	3	2	27	This tree is multi-stemmed from 1m.	No action is required.
553	Group of Lawson Cypress	<i>Chamaecyparis lawsoniana</i>	M	Fair	To 14	To 3				To 37	This is a row of mainly twin stemmed trees with fair form.	No action is required.
554	Two Sitka spruce	<i>picea sitchensis</i>	M	Good	14	3	3	4	3	35	These two single stemmed trees are growing close together.	No action is required.
555	Cherry	<i>Prunus Spp</i>	M	Fair	4	3	3	4	3	17	This tree is single stemmed to 2m with a flat topped spreading crown.	No action is required.
556	Cherry	<i>Prunus Spp</i>	M	Fair	4	4	3	3	3	22	This tree is multi-stemmed from 2m with a spreading crown.	Crown lift over path.
557	Laburnum	<i>Laburnum anagyroides</i>	M	Fair	5	5	4	3	2	17	This tree is multi-stemmed from 2m with a spreading crown.	No action is required.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
558	Swedish Whitebeam.	<i>Sorbus intermedia</i>	YM	Fair	4	1	1	1	1	11	This tree is multi-stemmed from 1m with upright form.	No action is required.
559	Swedish Whitebeam.	<i>Sorbus intermedia</i>	YM	Fair	5	2	1	1	2	15	This tree is multi-stemmed from 1m with upright form.	No action is required.
560	Swedish Whitebeam.	<i>Sorbus intermedia</i>	YM	Fair	4	1	1	1	1	14	This tree is multi-stemmed from 1m with upright form.	No action is required.
561	Swedish Whitebeam.	<i>Sorbus intermedia</i>	YM	Fair	4	2	1	1	2	15	This tree has two stems from 2m with upright form.	No action is required.
562	Swedish Whitebeam.	<i>Sorbus intermedia</i>	YM	Fair	4	1	1	1	2	12	This tree is multi-stemmed from 1m with fair form.	No action is required.
563	Spindle	<i>Euonymus europaeus</i>	YM	Fair	4	1	1	1	2	8	This tree has a single main stem with a fair crown.	No action is required.
564	Ash	<i>Fraxinus excelsior</i>	M	Fair	13	3	4	5	4	42	This tree has a single main stem with a good crown.	No recommendation is given.
565	Three Rowan	<i>Sorbus aucuparia</i>	Y	Fair	4	1	1	1	1	8	These three single stemmed trees have good form.	No recommendation is given.
566	Sycamore	<i>Acer pseudoplatanus</i>	YM	Fair	9	4	3	4	4	28	This tree has two stems from 1m with a spreading crown.	No action is required.
567	Beech	<i>Fagus sylvatica</i>	Y	Good	10	2	2	2	2	15	This single stemmed tree has very good form.	Crown lift over path.
568	Ash	<i>Fraxinus excelsior</i>	YM	Fair	13	4	4	5	4	33	This single stemmed tree has a good crown.	Crown lift over path.
569	Ash	<i>Fraxinus excelsior</i>	YM	Fair	10	2	3	4	3	30	This tree is single stemmed to 4m with a one sided crown.	No recommendation is given.
570	Ash	<i>Fraxinus excelsior</i>	Y	Fair	8	3	2	2	2	21	This tree has two stems from 2m with a good crown.	No action is required.
571	Sycamore	<i>Acer pseudoplatanus</i>	Y	Fair	5	2	2	1	1	14	This tree has two stems from 1m.	No action is required.
572	Ash	<i>Fraxinus excelsior</i>	M	Fair	15	4	5	6	5	48	This tree is single stemmed to 5m with a good crown.	Crown clean and remove ivy.
573	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	18	5	7	8	7	93	This tree is multi-stemmed from 3m with a well formed spreading crown.	Crown clean and remove ivy.
574	Ash	<i>Fraxinus excelsior</i>	YM	Fair	12	5	3	3	5	24	This tree has three stems to a good crown.	No action is required.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
575	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	5	3	2	7	64	This tree is single stemmed to 9m with a spreading crown.	Crown clean, remove ivy and reduce end weight by 2m.	
576	Ash	<i>Fraxinus excelsior</i>	M	Fair	16	5	4	3	2	55	This tree has a single main stem with a damaged crown.	Crown clean, remove ivy and inspect for rot	
577	Whitebeam.	<i>Sorbus aria</i>	M	Fair	8	3	3	3	3	26	This tree is multi-stemmed from 1m with a good crown.	No action is required.	
578	Norway Maple	<i>Acer platanoides</i>	YM	Fair	11	4	5	4	5	35	This tree is multi-stemmed from 1m with a good crown.	Crown lift over footpath.	
579	Cherry	<i>Prunus Spp</i>	M	Fair	10	5	5	3	5	33	This tree is multi-stemmed f4rom 2m with a good crown.	No action is required.	
580	Beech	<i>Fagus sylvatica</i>	YM	Fair	13	6	6	5	5	38	This tree is single stemmed to 5m with a spreading crown.	No action is required.	
581	Group of Garden trees	Mixed	YM	Fair	To 5	To 2				To 15	This is a mix of conifers, and maples with good form.	No action is required.	
582	Poplar	<i>Poplus Spp</i>	YM	Fair	9	4	3	3	2	27	This tree is multi-stemmed from 3m with fair form.	No action is required.	
583	Lawson Cypress	<i>Chamaecyparis lawsoniana</i>	YM	Fair	5	2	2	2	3	22	This tree is multi-stemmed with a spreading crown.	No action is required.	
584	Beech	<i>Fagus sylvatica</i>	YM	Fair	12	5	4	5	5	44	This tree is multi-stemmed from 3m with a spreading crown.	No action is required.	
585	Row of Birch and Lawson cypress	Mixed	YM	Fair	To 10	To 3				To 25	This is a dense row of Lawson cypress with some birch.	Clear back from house.	
586	Beech	<i>Fagus sylvatica</i>	YM	Fair	13	6	5	4	6	38	This tree has two stems from 3m with a spreading crown.	No action is required.	
587	Seven Ash	<i>Fraxinus excelsior</i>	YM	Fair	13	3	2	3	3	28	This single stemmed tree has a good crown.	No action is required.	
588	Ash	<i>Fraxinus excelsior</i>	YM	Fair	14	4	5	5	2	37	This tree has two stems from 3m with fair form.	Remove ivy.	

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
589	Group of Garden Trees	Mixed	Y	Poor	To 6	To 2				To 15	This is group of mostly closely clipped conifers and open growing maples behind a tall hedge.	No action is required.
590	Ash	<i>Fraxinus excelsior</i>	M	Fair	9	3	3	4	2	35	This tree is single stemmed to 7m with a stag headed crown.	Crown clean and monitor crown for signs of dieback.
591	Ash	<i>Fraxinus excelsior</i>	YM	Fair	11	4	4	4	4	30	This tree has a single main stem with heavy side branches and a good crown.	No action is required.
592	Group of Ash	<i>Fraxinus excelsior</i>	YM	Fair	To 13	To 5				To 35	This is a hedgerow of trees with fair form.	Crown clean.
593	Group of Ash	<i>Fraxinus excelsior</i>	YM	Fair	To 14	To 5				To 22	This is a dense row of coppiced trees with spreading crowns.	Crown clean, crown lift over road and thin as appropriate.
594	Ash	<i>Fraxinus excelsior</i>	YM	Fair	14	5	6	5	4	20	This multi-stemmed coppice has fair form.	Crown clean and remove ivy.
595	Ash	<i>Fraxinus excelsior</i>	YM	Fair	14	5	5	4	4	17	This multi-stemmed coppice has fair form.	Crown clean and remove ivy.
596	Three Ash	<i>Fraxinus excelsior</i>	YM	Fair	13	4	5	5	3	26	These three multi-stemmed trees are growing very close together.	Crown clean and remove ivy.
597	Ash	<i>Fraxinus excelsior</i>	M	Fair	14	5	6	4	5	39	This multi-stemmed coppice has fair form.	Tidy branch stumps.
598	Ash	<i>Fraxinus excelsior</i>	M	Poor	15	5	5	6	7	45	This tree has three stems to a spreading crown with severe bonfire damage.	Remove damaged stem and reduce end weight by 3m.
599	Goat Willow	<i>Salix caprea</i>	M	Fair	13	6	7	6	8	103	This tree is multi-stemmed from 2m with a well formed spreading crown.	Crown clean.
600	Holly	<i>Ilex aquifolium</i>	M	Poor	8	3	3	2	2	15	This tree is multi-stemmed with severe crown dieback.	Crown clean and monitor for signs of dieback in crown.
601	Group of goat willow	<i>Salix caprea</i>	M	Poor	12	To 5				To 30	These four mainly single stemmed trees are forming an old hedge.	Crown clean remove ivy and monitor crown for signs of dieback.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
602	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	15	6	6	7	5	60	This tree has two stems from 3m with a good crown.	Crown clean.	
603	Group of Ash	<i>Fraxinus excelsior</i>	M	Fair	17	5	7	7	4	33	These two multi-stemmed hedgerow trees have good form.	Crown clean and remove ivy.	
604	Ash	<i>Fraxinus excelsior</i>	YM	Fair	12	5	5	4	5	20	This multi-stemmed coppice has good form.	Tidy branch stumps.	
605	Rowan	<i>Sorbus aucuparia</i>	M	Fair	10	2	3	2	2	29	This tree has a single main stem with a fair crown.	No action is required.	
606	Ash	<i>Fraxinus excelsior</i>	YM	Fair	14	4	6	7	5	47	This tree is multi-stemmed with a spreading crown.	No action is required.	
607	Group of Alder	<i>Alnus glutinosa</i>	M	Fair	To 12	To 3				To 16	This is a dense row of well formed trees growing on both side of a small stem.	No action is required.	
608	Beech	<i>Fagus sylvatica</i>	M	Fair	18	7	9	7	8	78	This tree is multi-stemmed from 3m with a dense spreading crown.	No recommendation is given.	
609	Beech	<i>Fagus sylvatica</i>	M	Fair	19	5	5	3	8	65	This tree is multi-stemmed form 3m with a one sided crown.	No recommendation is given.	
610	Birch	<i>Betula pubescens</i>	M	Fair	20	6	9	8	8	107	This tree is multi-stemmed from 4m with a heavy spreading crown.	No recommendation is given.	
611	Beech	<i>Fagus sylvatica</i>	M	Fair	20	7	8	7	7	72	This tree has three stems from 2-4m with a fair crown.	No recommendation is given.	
612	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	16	5	6	6	5	63	This tree has three stems from 2m with a fair crown.	No recommendation is given.	
613	Ash	<i>Fraxinus excelsior</i>	M	Fair	18	3	4	6	7	68	This tree has a single main stem with a fair crown.	No recommendation is given.	
614	Ash	<i>Fraxinus excelsior</i>	OM	Poor	17	5	8	6	7	78	This tree has three stems from 2m and is cankered with extensive dead wood in the crown.	Crown clean, reduce end weight by 3m and inspect crown for rot	
615	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	17	3	6	7	6	65	This tree is multi-stemmed from 3m with a dense crown.	No recommendation is given.	
616	Ash	<i>Fraxinus excelsior</i>	M	Fair	21	4	7	7	6	62	This tree has a single main stem with a good crown.	No recommendation is given.	

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations
						N	E	S	W			
617	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	17	6	7	7	6	75	This tree has a single main stem with a good crown.	No recommendation is given.
618	Beech	<i>Fagus sylvatica</i>	M	Fair	19	5	7	4	5	68	This tree has two stems from 1m with a dense crown.	No recommendation is given.
619	Field Maple	<i>Acer campestre</i>	M	Fair	15	4	6	6	5	62	This tree is multi-stemmed from 1m with a fir crown.	No recommendation is given.
620	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	20	4	5	4	5	62	This tree has two stems form 5m with upright form.	No recommendation is given.
621	Ash	<i>Fraxinus excelsior</i>	M	Fair	20	5	7	7	6	64	This single stemmed tree has a fair crown.	No recommendation is given.
622	Beech	<i>Fagus sylvatica</i>	OM	Poor	20	8	6	6	7	77	This tree is multi-stemmed from 3-4m with a thinning crown.	No recommendation is given.
623	Ash	<i>Fraxinus excelsior</i>	M	Fair	17	6	6	3	7	60	This tree has a single main stem with a fair crown and damage at 2m.	No recommendation is given.
624	Ash	<i>Fraxinus excelsior</i>	M	Poor	16	5	5	5	4	52	This tree has two stems with severe basal damage on one stem.	Fell damaged stem.
625	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	12	3	4	4	3	63	This pollarded tree is multi-stemmed from 6m with fair form.	No recommendation is given.
626	Sycamore	<i>Acer pseudoplatanus</i>	M	Fair	14	3	4	3	2	55	This tree is multi-stemmed from 1m with a spreading crown.	No recommendation is given.
627	Apple	<i>Malus domestica</i>	M	Fair	5	3	3	4	3	40	This tree is multi-stemmed from 1m with a spreading crown.	No recommendation is given.
628	Sycamore	<i>Acer pseudoplatanus</i>	Y	Fair	7	3	3	3	3	18	This single stemmed tree has a very good crown.	No recommendation is given.
629	Horse Chestnut	<i>Aesculus hippocastanum</i>	YM	Fair	12	4	4	4	3	37	This tree is multi-stemmed from 2m with a fair crown.	No action is required.
630	Poplar	<i>Populus Spp</i>	YM	Fair	13	4	2	3	3	30	This tree is multi-stemmed from 2m with upright form.	No action is required.
631	Ash	<i>Fraxinus excelsior</i>	M	Fair	14	5	5	5	3	42	This tree has three stems and is part pollarded.	Crown clean, remove ivy and reduce end weight by 2m.
632	Ash	<i>Fraxinus excelsior</i>	M	Fair	16	4	6	6	5	55	This tree has three stems from 12-4m with fair form.	Crown clean and remove ivy.

Tree survey report sheet

Site: N2 Monaghan to Emyvale Road

Client: Monaghan County Council

Tree No	Species	Scientific name	Age	Condition	Height	Crown spread				DBH	Observations	Recommendations	
						N	E	S	W				
633	Ash	<i>Fraxinus excelsior</i>	M	Fair	19	5	5	3	5	60	This single stemmed tree has a good crown.	Crown clean and remove ivy.	
634	Ash	<i>Fraxinus excelsior</i>	M	Fair	19	5	6	5	5	61	this tree has two stems from 8m with a good crown.	Crown clean and remove ivy.	
635	Poplar	<i>Populus Spp</i>	M	Fair	23	7	7	5	6	66	This single stemmed tree has a very good crown.	Reduce side branches by 2m.	
636	Ash	<i>Fraxinus excelsior</i>	M	Good	20	6	6	3	5	62	This single stemmed tree has a very good crown.	Crown clean, remove ivy and reduce side branches by 2m.	
637	Ash	<i>Fraxinus excelsior</i>	M	Fair	19	1	5	4	6	55	This tree has a single main stem with heavy side branches.	Crown clean and remove ivy.	
638	Ash	<i>Fraxinus excelsior</i>	M	Fair	18	5	6	1	5	58	This tree is single stemmed to 10m with a spreading crown.	Crown clean, remove ivy and reduce end weight by 2m.	
639	Ash	<i>Fraxinus excelsior</i>	M	Fair	20	5	4	4	4	55	This single stemmed tree has a good crown.	Crown clean and remove ivy.	
640	Horse Chestnut	<i>Aesculus hippocastanum</i>	Y	Fair	7	3	3	3	3	22	This tree is multi-stemmed from 2m with fair form.	No action is required.	
641	Ash	<i>Fraxinus excelsior</i>	Y	Fair	9	3	3	3	3	16	This tree has two stems with a good crown.	No action is required.	

**Hedgerow Survey -
Structural recording categories**

Site ;N2 Monaghan to Emyvale Road

Client ; Monaghan County Council

Hedge Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14
A. Adjacent Land Use	H	J	B	B	B	B	C	C	H	C	C	C	C	J
B. History	5	5	5	5	1	5	5	5	-	5	5	5	5	-
B1 History Road/Stream	1	1	2	0	2	3	1	1	1	1	-	-	-	-
B2 History	-	1	1	1	-	1	1	-	-	1	-	-	1	-
C. Adjacent Land Class & D. Habitat Link Class	B1	G	B	B	K	B	B	B	F	B	B	B	B	G
E. Boundary Function	2	2	2	2	1	2	2	2	1	2	2	2	2	2
I. Drain Size	2	1	4	1	3	4	1	4	1	4	4	4	1	3
I1. Drain Wet/Dry	A	-	B	-	A	B	-	B	-	B	B	B	-	B
J. Profile	D	F	D	E	B	F	D	D	C	C	C	D	C	D
J1. Profile, suffix	-	-	A	-	-	A	-	A	-	-	-	-	-	b
K. Height	5	1	5	2	5	1	4	5	1	1	1	5	2	3
L. Width	D	A	D	B	D	B	D	D	B	B	C	D	D	D
M. Gappiness	1	1	2	1	1	2	1	3	1	1	1	2	1	1
M1. Specific or General	A	A	A	A	A	A	A	A	A	A	A	A	A	A
N. Base	D	C	D	D	D	C	A	C	C	D	D	C	D	D
N1. Base, suffix	A	A	A	A	-	-	-	-	-	-	-	-	-	-
R. Verge/Margin	C	A	E	A	C	A	A	D	C	A	B	E	E	E
R1. Verge/ Margin, Degr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S. Overall Vigour	C	B	B	B	B	A	B	B	B	B	B	B	B	B
U. Management	J	A	K	A	K	A	E	J	E	A	E	K	A	J
V. Management Method	7	7	8	7	7	7	7	7	1	1	1	8	7	7
W. Evidence of Laying	A	A	A	A	A	A	A	A	A	A	A	A	A	A
F. Outline	A	A	A	A	A	A	A	A	A	A	A	A	A	A
G1. Boundary Type	1	1	1	1	1	1	1	1	1	2	1	1	2	1
G2. Bank/Wall/Shelf	1	-	-	-	3	3	-	3	3	3	3	1	1	3
G3. Drain	O	O	O	O	B	B	O	B	O	A	B	A	O	B
G1. Boundary Class	WL1	WL1	WL2	WL1	WL2	WL1	WL2	WL1	WL1	WL1	WL1	WL2	WL1	WL1
H. Bank/Wall/Shelf size	B	D	D	D	B	C	D	C	C	B	C	B	A	A
O. Bank/ Wall/ Shelf degradation, Degree	2	1	2	1	2	2	1	1	2	2	2	4	1	2
O1. Bank/ Wall/ Shelf degradation, extent	-	-	-	-	-	-	-	-	-	-	-	A	-	-
P. Trees	D	A	D	A	C	B	E	D	A	A	A	D	B	B
Q. Tree Age Composition	3	-	4	-	3	2	3	4	-	-	-	2	3	3
X. Fencing	1	1	1	1	1	6	5	1	1	1	1	2	1	1
Y Ground Flora	C	A	C	C	B	A	C	C	B	C	C	A	A	B

Hedge Number	15	16	17	18	19	20	21	22	23	24	25	26	27	28
A. Adjacent Land Use	J	C	C	C	C	J	C	J	C	C	C	J	C	C
B. History	-	2	5	5	5	5	5	-	5	5	5	1	5	5
B1 History Road/Stream	1	2	1	1	-	-	1	-	1	1	1	-	-	-
B2 History	-	-	-	-	-	-	-	-	1	-	1	-	-	1
C. Adjacent Land Class & D. Habitat Link Class	G	B	B	B	B	G	B	G	B	B	B	G	B	B
E. Boundary Function	2	2	2	2	2	2	2	2	2	2	2	2	2	2
I. Drain Size	1	3	3	1	3	1	1	1	3	3	1	1	3	B
I1. Drain Wet/Dry	-	B	A	-	B	-	-	-	A	b	-	-	A	A
J. Profile	D	B	C	C	D	C	C	C	C	C	C	B	E	D
J1. Profile, suffix	A	-	A	-	-	-	-	-	-	-	-	A	-	-
K. Height	3	5	1	2	4	3	2	1	1	1	1	4	4	3
L. Width	C	C	B	C	C	C	C	A	b	C	C	D	C	B
M. Gappiness	2	3	1	1	1	1	1	1	1	1	1	3	1	1
M1. Specific or General	A	A	-	-	-	-	-	-	-	-	-	A	-	-
N. Base	D	D	D	D	C	A	D	C	D	D	D	b	b	D
N1. Base, suffix	A	A	A	A	A	-	-	-	-	-	-	-	-	-
R. Verge/Margin	B	E	C	C	E	E	C	B	B	B	C	E	E	E
R1. Verge/ Margin, Degr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S. Overall Vigour	B	B	B	B	B	B	B	B	B	B	B	B	B	C
U. Management	J	K	A	C	J	A	A	b	b	A	A	K	D	J
V. Management Method	7	8	1	1	8	7	7	4	1	1	1	8	1	8
W. Evidence of Laying	A	A	A	A	A	A	A	A	A	A	A	A	A	A
F. Outline	A	A	A	A	A	A	A	A	A	A	A	A	A	A
G1. Boundary Type	1	1	1	1	1	1	1	1	1	1	1	1	1	1
G2. Bank/Wall/Shelf	3	3	3	3	1	-	3	-	3	3	3	3	1	1
G3. Drain	O	A	B	O	B	O	O	O	B	B	O	O	B	B
G1. Boundary Class	WL1	WL2	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL2	WL1	WL1
H. Bank/Wall/Shelf size	A	C	C	C	A	D	C	D	C	C	D	B	B	B
O. Bank/ Wall/ Shelf degradation, Degree	2	2	2	2	4	-	2	-	2	2	2	4	2	2
O1. Bank/ Wall/ Shelf degradation, extent	-	-	-	-	A	-	-	-	-	-	-	A	-	-
P. Trees	B	D	A	A	B	A	B	A	C	B	C	C	B	B
Q. Tree Age Composition	3	2	-	-	1	-	1	-	2	1	2	2	3	2
X. Fencing	1	3	1	1	1	5	1	6	1	1	1	4	1	1
Y Ground Flora	B	C	C	C	B	C	B	c	B	B	A	B	B	C

Hedge Number	29	30	31	32	33	34	35	36	37	38	39	40	41	42
A. Adjacent Land Use	D	D	B	D	C	C	C	C	C	J	J	C	C	J
B. History	5	5	2	5	5	5	5	5	5	2	5	5	5	5
B1 History Road/Stream	1	1	-	-	1	1	-	-	-	2	1	1	-	1
B2 History	1	-	1	1	1	1	-	-	-	1	1	-	-	1
C. Adjacent Land Class & D. Habitat Link Class	B	B	B	B	B	B	B	B	B	G	G	B	D	G
E. Boundary Function	2	2	2	2	2	2	2	2	2	2	2	2	2	2
I. Drain Size	3	3	1	3	3	2	2	2	1	3	1	3	3	4
I1. Drain Wet/Dry	B	A	-	A	A	B	A	A	-	B	-	B	A	B
J. Profile	C	C	C	C	C	C	D	D	B	C	C	C	B	D
J1. Profile, suffix	-	-	-	-	-	-	A	-	A	B	-	-	A	-
K. Height	1	1	2	1	1	1	4	4	4	2	1	1	5	5
L. Width	B	B	C	C	B	B	C	D	C	C	A	B	C	D
M. Gappiness	3	1	1	2	1	1	1	2	1	1	1	1	4	1
M1. Specific or General	A	-	-	B	-	-	-	B	-	-	-	-	B	-
N. Base	D	D	D	D	D	D	C	D	C	D	D	D	A	C
N1. Base, suffix	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R. Verge/Margin	C	C	-	-	B	C	-	-	-	-	A	C	-	-
R1. Verge/ Margin, Degr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S. Overall Vigour	B	B	B	B	B	B	B	B	B	B	B	B	B	B
U. Management	B	B	B	B	B	B	D	K	J	A	B	B	K	C
V. Management Method	1	1	7	1	1	1	1	8	8	4	4	1	8	4
W. Evidence of Laying	A	A	A	A	A	A	A	A	A	A	A	A	A	A
F. Outline	A	A	A	A	A	A	A	A	A	A	A	A	A	A
G1. Boundary Type	1	1	1	1	1	1	1	1	1	1	1	1	1	1
G2. Bank/Wall/Shelf	3	3	1	3	3	3	1	1	-	1	3	3	1	3
G3. Drain	B	B	-	B	B	B	B	B	O	B	O	B	B	B
G1. Boundary Class	WL2	WL2	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL2
H. Bank/Wall/Shelf size	C	C	A	C	C	C	B	B	D	C	B	C	A	C
O. Bank/ Wall/ Shelf degradation, Degree	2	2	3	2	2	2	2	2	1	2	2	2	4	2
O1. Bank/ Wall/ Shelf degradation, extent	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P. Trees	D	D	C	B	B	A	B	B	B	C	B	A	C	D
Q. Tree Age Composition	1	1	1	1	3	-	3	3	3	1	2	-	3	2
X. Fencing	1	1	2	4	1	1	4	4	6	1	1	1	2	1
Y Ground Flora	A	B	B	B	B	B	B	B	C	C	B	B	B	C

Hedge Number	43	44	45	46	47	48	49	50	51	52	53	54	55	56
A. Adjacent Land Use	C	C	C	B	B	B	J	J	C	C	C	C	C	C
B. History	5	5	5	5	5	5	5	-	5	2	5	5	5	5
B1 History Road/Stream	1	-	-	-	-	1	1	1	1	2	1	1	-	-
B2 History	1	-	-	-	-	1	1	1	1	1	1	1	-	-
C. Adjacent Land Class & D. Habitat Link Class	B	B	B	B	B	B	E	G	B	B	B	B	B	B
E. Boundary Function	2	2	2	2	2	2	2	2	2	2	2	2	2	2
I. Drain Size	4	2	2	4	4	4	4	1	1	4	1	4	1	1
I1. Drain Wet/Dry	B	A	A	A	B	B	B	-	-	B	-	B	-	-
J. Profile	C	A	D	D	D	D	D	C	D	D	C	C	C	D
J1. Profile, suffix	-	A	A	A	-	-	A	-	-	-	-	-	-	-
K. Height	1	5	5	5	5	5	5	4	5	5	1	1	2	5
L. Width	B	D	D	D	D	D	D	C	D	D	C	C	B	D
M. Gappiness	1	3	1	2	1	1	1	1	1	1	1	1	1	1
M1. Specific or General	-	A	-	A	-	-	-	-	-	-	-	-	-	-
N. Base	D	B	C	B	C	D	B	B	C	C	D	D	D	C
N1. Base, suffix	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R. Verge/Margin	B	-	-	-	-	C	C	C	C	-	B	C	-	-
R1. Verge/ Margin, Degr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S. Overall Vigour	B	B	B	B	B	B	B	A	B	B	B	B	B	B
U. Management	B	K	K	K	K	C	C	B	C	K	B	B	B	D
V. Management Method	1	8	8	8	8	1	1	7	1	8	1	1	1	1
W. Evidence of Laying	A	A	A	A	B	A	A	A	A	A	A	A	A	B
F. Outline	A	A	A	A	A	A	A	A	A	A	A	A	A	A
G1. Boundary Type	1	1	1	1	1	1	1	1	1	1	1	1	1	1
G2. Bank/Wall/Shelf	3	1	1	1	1	3	3	-	-	3	3	3	-	1
G3. Drain	B	B	B	B	B	B	B	-	-	B	-	B	-	O
G1. Boundary Class	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL2	WL1	WL1	WL1	WL1
H. Bank/Wall/Shelf size	C	A	A	A	B	C	C	-	-	C	B	C	-	A
O. Bank/ Wall/ Shelf degradation, Degree	2	4	4	4	2	2	2	1	1	-	-	-	-	-
O1. Bank/ Wall/ Shelf degradation, extent	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P. Trees	A	C	C	B	D	C	D	A	D	E	A	A	B	A
Q. Tree Age Composition	-	3	2	2	3	3	3	-	2	2	-	-	2	-
X. Fencing	1	2	2	4	1	1	1	1	1	1	1	1	4	3
Y Ground Flora	B	B	B	C	C	B	B	C	B	B	C	C	C	C

Hedge Number	57	58	59	60	61	62	63	64	65	66	67	68	69	70
A. Adjacent Land Use	C	C	C	C	C	J	J	C	C	C	J	J	J	C
B. History	5	5	5	5	5	5	5	5	5	5	5	5	5	5
B1 History Road/Stream	3	2	-	-	1	-	1	1	1	1	1	-	-	2
B2 History	-	1	-	-	-	1	-	1	1	1	1	-	1	1
C. Adjacent Land Class & D. Habitat Link Class	B	B	B	B	B	G	G	B	B	B	G	G	G	B
E. Boundary Function	1	1	1	1	1	1	1	1	1	1	1	1	1	1
I. Drain Size	4	4	1	2	4	1	1	1	4	4	1	1	1	1
I1. Drain Wet/Dry	B	B	-	A	B	-	-	-	A	B	-	-	-	-
J. Profile	D	D	D	B	C	C	C	C	C	C	C	D	D	D
J1. Profile, suffix	-	B	A	A	-	-	-	-	-	-	-	-	-	-
K. Height	5	5	5	5	1	2	2	1	2	1	1	5	1	1
L. Width	D	D	D	D	B	B	A	B	B	D	B	B	C	A
M. Gappiness	2	4	4	5	1	1	1	1	1	1	1	2	1	1
M1. Specific or General	B	A	A	A	-	-	-	-	-	-	-	B	-	-
N. Base	A	A	-	C	D	C	C	D	D	D	C	C	D	B
N1. Base, suffix	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R. Verge/Margin	-	-	-	-	C	-	C	C	C	A	A	-	B	B
R1. Verge/ Margin, Degr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S. Overall Vigour	C	B	B	B	B	B	B	B	B	B	B	B	B	B
U. Management	J	K	K	K	A	A	A	A	A	A	A	K	A	A
V. Management Method	7	8	8	8	1	4	4	2	1	1	4	8	1	1
W. Evidence of Laying	A	A	A	A	A	A	A	A	A	A	A	A	A	A
F. Outline	A	A	A	A	A	A	A	A	A	A	A	A	A	A
G1. Boundary Type	1	1	1	1	1	1	1	1	1	1	1	1	1	1
G2. Bank/Wall/Shelf	-	-	3	1	3	-	3	3	3	3	1	-	-	3
G3. Drain	A	B	O	B	B	O	O	O	B	B	O	O	O	O
G1. Boundary Class	WL2	WL2	WL2	WL1	WL2	WL3	WL4	WL5	WL6	WL7	WL8	WL9	WL10	WL11
H. Bank/Wall/Shelf size	-	C	B	B	C	-	C	C	C	C	-	-	-	C
O. Bank/ Wall/ Shelf degradation, Degree	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O1. Bank/ Wall/ Shelf degradation, extent	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P. Trees	E	D	D	B	A	A	C	A	B	B	C	B	B	A
Q. Tree Age Composition	1	3	2	2	-	-	1	-	1	1	1	2	1	1
X. Fencing	4	4	4	4	1	1	1	1	1	1	1	1	3	1
Y Ground Flora	C	C	C	C	C	C	B	C	C	C	B	C	C	C

Hedge Number	71	72	73	74	75	76	77	78	79	80	81	82	83	84
A. Adjacent Land Use	J	J	C	J	C	C	J	J	C	C	J	J	J	C
B. History	-	5	5	-	5	5	-	-	5	5	5	-	-	2
B1 History Road/Stream	1	1	1	-	1	-	1	-	1	-	1	1	-	-
B2 History	1	1	1	-	1	-	-	-	1	-	-	1	-	1
C. Adjacent Land Class & D. Habitat Link Class	G	G	B	G	B	B	G	G	B	B	G	G	G	B
E. Boundary Function	2	2	2	2	2	2	2	2	2	2	2	2	2	2
I. Drain Size	-	-	4	-	-	-	-	-	-	-	-	-	-	4
I1. Drain Wet/Dry	-	-	B	-	-	-	-	-	-	-	-	-	-	B
J. Profile	C	C	C	C	C	D	D	C	C	C	C	C	C	D
J1. Profile, suffix	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K. Height	1	2	1	1	2	5	5	3	2	3	1	2	1	5
L. Width	A	B	C	A	A	D	D	B	B	C	B	A	A	D
M. Gappiness	1	1	1	1	1	1	1	1	1	2	1	1	1	1
M1. Specific or General	-	-	-	-	-	-	-	-	-	B	-	-	-	-
N. Base	C	D	D	D	C	D	D	C	D	C	D	B	B	A
N1. Base, suffix	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R. Verge/Margin	B	C	C	-	-	-	C	-	A	-	-	B	-	-
R1. Verge/ Margin, Degr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S. Overall Vigour	B	B	B	B	B	B	B	B	B	B	B	B	B	B
U. Management	A	A	A	A	A	K	K	A	A	J	A	A	A	K
V. Management Method	4	4	1	4	1	8	8	4	1	7	4	4	4	8
W. Evidence of Laying	A	A	A	A	A	A	A	A	A	A	A	A	A	A
F. Outline	A	A	A	A	A	A	A	A	A	A	A	A	A	A
G1. Boundary Type	1	1	1	1	1	1	1	2	1	1	1	1	1	3
G2. Bank/Wall/Shelf	3	-	3	-	-	-	-	-	3	1	-	-	-	-
G3. Drain	O	O	B	O	O	O	O	O	O	O	O	O	O	B
G1. Boundary Class	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL2
H. Bank/Wall/Shelf size	B	-	C	-	-	-	-	-	C	B	-	-	-	-
O. Bank/ Wall/ Shelf degradation, Degree	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O1. Bank/ Wall/ Shelf degradation, extent	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P. Trees	B	A	B	A	B	B	A	C	A	A	A	A	A	E
Q. Tree Age Composition	2	-	1	-	1	2	-	3	-	-	-	-	-	3
X. Fencing	1	4	4	4	4	4	6	1	1	4	4	6	6	4
Y Ground Flora	B	B	B	C	C	C	C	C	C	C	C	C	C	C

**Hedgerow Survey -
Structural recording categories**

Site ;N2 Monaghan to Emyvale Road

Client ; Monaghan County Council

Hedge Number	85	86	87	88	89	90	91	92	93	94	95	96	97	98
A. Adjacent Land Use	J	C	J	J	J	C	J	J	C	J	J	J	J	C
B. History	5	5	5	-	5	5	5	-	5	-	5	-	-	-
B1 History Road/Stream	-	-	-	1	1	1	-	1	1	-	-	1	-	1
B2 History	-	-	-	1	-	1	-	1	-	-	-	-	-	-
C. Adjacent Land Class & D. Habitat Link Class	G	B	G	G	G	B	G	G	B	G	G	G	G	B
E. Boundary Function	2	2	2	2	2	2	2	2	2	2	2	2	2	2
I. Drain Size	-	-	-	-	-	-	3	-	2	-	-	-	-	-
I1. Drain Wet/Dry	-	-	-	-	-	-	B	-	B	-	-	-	-	-
J. Profile	D	B	D	B	D	B	D	B	B	B	B	B	B	B
J1. Profile, suffix	A	A	-	-	-	-	A	-	-	-	-	-	-	-
K. Height	5	5	5	1	5	2	5	3	1	1	2	2	2	1
L. Width	D	D	D	A	D	A	D	B	B	A	B	B	B	A
M. Gappiness	1	6	1	1	1	1	3	1	1	1	1	2	1	1
M1. Specific or General	-	A	-	-	-	-	B	-	-	-	-	B	-	-
N. Base	C	A	C	C	B	C	C	D	D	D	D	D	D	C
N1. Base, suffix	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R. Verge/Margin	-	-	-	-	-	-	-	-	B	-	-	-	-	A
R1. Verge/ Margin, Degr	-	-	-	-	-	B	B	-	-	-	-	-	-	-
S. Overall Vigour	B	A	B	B	B	B	B	B	B	B	B	B	B	B
U. Management	K	K	K	A	K	A	K	A	A	A	A	A	A	A
V. Management Method	8	8	8	4	8	1	8	4	1	4	1	1	4	4
W. Evidence of Laying	A	A	A	A	A	A	A	A	A	A	A	A	A	A
F. Outline	A	A	A	A	A	A	A	A	A	A	A	A	A	A
G1. Boundary Type	1	1	1	1	1	1	1	1	1	1	1	1	1	1
G2. Bank/Wall/Shelf	1	1	1	-	3	-	3	-	3	-	-	-	-	3
G3. Drain	O	O	O	O	O	O	B	-	B	-	-	-	-	-
G1. Boundary Class	WL2	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1
H. Bank/Wall/Shelf size	C	B	B	D	B	-	D	-	D	-	-	-	-	B
O. Bank/ Wall/ Shelf degradation, Degree	-	3	-	-	-	-	-	-	-	-	-	-	-	-
O1. Bank/ Wall/ Shelf degradation, extent	-	A	-	-	-	-	-	-	-	-	-	-	-	-
P. Trees	D	B	C	A	B	A	D	A	A	A	B	A	A	A
Q. Tree Age Composition	2	1	3	-	2	-	2	-	-	-	1	-	-	-
X. Fencing	4	4	1	4	1	2	1	6	1	4	1	1	1	6
Y Ground Flora	C	C	C	C	C	B	B	C	B	C	C	C	C	C

Hedge Number	99	100	101	102	103	104	105	106	107	108	109	110
A. Adjacent Land Use	J	J	C	C	C	C	J	J	C	J	J	C
B. History	-	-	5	5	5	5	-	5	5	-	-	5
B1 History Road/Stream	-	-	-	1	1	1	-	1	-	-	-	-
B2 History	-	-	-	-	-	-	-	-	-	-	-	-
C. Adjacent Land Class & D. Habitat Link Class	G	G	B	B	B	B	G	G	B	G	G	B
E. Boundary Function	2	2	2	2	2	2	2	2	2	2	2	2
I. Drain Size	-	-	-	-	-	-	-	-	3	-	-	-
I1. Drain Wet/Dry	-	-	-	-	-	-	-	-	A	-	-	-
J. Profile	C	C	D	C	D	C	C	C	C	C	C	B
J1. Profile, suffix	-	-	-	-	-	-	-	-	-	-	-	A
K. Height	3	1	5	2	5	2	2	1	1	1	2	5
L. Width	B	A	D	B	D	B	A	B	B	A	A	D
M. Gappiness	1	1	1	1	1	1	1	1	1	1	1	3
M1. Specific or General	-	-	-	-	-	-	-	-	-	-	-	A
N. Base	D	D	C	D	D	D	D	D	D	B	D	A
N1. Base, suffix	-	-	-	-	-	-	-	-	-	-	-	-
R. Verge/Margin	A	-	-	A	D	A	-	A	-	-	-	-
R1. Verge/ Margin, Degr	-	-	-	-	-	-	-	-	-	-	-	-
S. Overall Vigour	B	B	B	B	B	B	B	B	B	B	B	B
U. Management	B	A	K	A	K	A	B	A	A	A	B	K
V. Management Method	4	4	8	1	8	1	4	4	1	4	4	8
W. Evidence of Laying	A	A	A	A	A	A	A	A	A	A	A	A
F. Outline	A	A	A	A	A	A	A	A	A	A	A	A
G1. Boundary Type	1	1	1	1	1	1	1	1	1	1	1	1
G2. Bank/Wall/Shelf	-	-	3	3	3	3	-	-	1	-	-	2
G3. Drain	-	-	-	-	-	-	-	-	B	-	-	-
G1. Boundary Class	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1	WL1
H. Bank/Wall/Shelf size	-	-	B	D	C	C	-	-	B	-	-	D
O. Bank/ Wall/ Shelf degradation, Degree	-	-	-	-	-	-	-	-	-	-	-	-
O1. Bank/ Wall/ Shelf degradation, extent	-	-	-	-	-	-	-	-	-	-	-	-
P. Trees	A	A	C	A	C	B	A	A	A	A	A	C
Q. Tree Age Composition	-	-	B	-	B	A	-	-	-	-	-	B
X. Fencing	4	1	1	1	1	1	1	1	1	1	1	1
Y Ground Flora	C	C	B	B	B	C	C	C	B	C	C	B

Species / Hedge number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<i>Allium ursinum</i>															
<i>Anemone nemorosa</i>															
<i>Arum maculatum</i>	D				O						O		O		
<i>Fillipendula ulmaria</i>									F		F				F
<i>Fragaria vesca</i>													F		
<i>Geranium robertianum</i>					O								O		
<i>Geum urbanum</i>															
<i>Glechoma hederacea</i>		O													
<i>Hyacinthoides non-scripta</i>												F			
<i>Oxalis acetosella</i>															
<i>Polypodium vulgare</i>															
<i>Potentilla sterilis</i>		O													
<i>Ranunculus ficaria</i>															
<i>Orchis mascula</i>															
<i>Primula vulgaris</i>											O	F			
<i>Veronica spp</i>															
<i>Viola spp.</i>											O	F			
<i>Urtica dioica</i>	F		O	F	A				F	O	O				O
<i>Acer campestre</i>															
<i>Acer platanoides</i>															
<i>Acer pseudoplatanus</i>	O		O												
<i>Alnus glutinosa</i>			F								O				
<i>Buxus sempervirens</i>															
<i>Betula pubescens</i>															
<i>Corylus avellana</i>													F		
<i>Crataegus monogyna</i>	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
<i>Fraxinus excelsior</i>	F	O		O	A	O		F	O	F	F			O	
<i>Hedera helix</i>	F	F	F	F	F	F		F	F	F	F	F	O		O
<i>Ilex aquifolium</i>											O	O	O	O	F
<i>Lonicera nitida</i>										O					
<i>Lonicera periclymenum</i>													O		F
<i>Picea sitchensis</i>															
<i>Pinus sylvestris</i>															
<i>Ribes nigrum</i>											O				
<i>Ribes uva-crispa</i>						O					O				
<i>Rosa arvensis</i>				O	F	F		F			F	F	F	F	
<i>Rubus fruticosus agg.</i>	F	O	F	O									F	F	F
<i>Rubus idaeus</i>															
<i>Salix aurita</i>	O		O									F			F
<i>Salix fragilis</i>															F
<i>Sambucus nigra</i>									F	O					
<i>Sorbus aucuparia</i>															
<i>Symphocarpus rivularis</i>											F				
<i>Taxus baccata</i>															
<i>Ulex europaeus</i>															
<i>Ulmus glabra</i>															
<i>Ulmus minor</i>			F												
<i>Fagus sylvatica</i>						O		F			D	F	O		
<i>Prunus avium</i>															
<i>Prunus domestica</i>															F
<i>Prunus spinosa</i>	F				F	F				F			O		
<i>Prunus laurocerasus</i>															
<i>Quercus petraea</i>															
<i>Ligustrum vulagre</i>	O	F													F
<i>X Cupressocyparis leylandii</i>							D								
<i>Viburnum opulus</i>									F		F				
<i>Pyracantha Spp</i>															

Species / Hedge number	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
<i>Allium ursinum</i>														O	
<i>Anemone nemorosa</i>														O	
<i>Arum maculatum</i>				F		F		O						O	O
<i>Fillipendula ulmaria</i>															
<i>Fragaria vesca</i>						D								O	
<i>Geranium robertianum</i>									O					O	
<i>Geum urbanum</i>															O
<i>Glechoma hederacea</i>														O	
<i>Hyacinthoides non-scripta</i>															
<i>Oxalis acetosella</i>				O											
<i>Polypodium vulgare</i>															
<i>Potentilla sterilis</i>														O	
<i>Ranunculus ficaria</i>										F					
<i>Orchis mascula</i>										F					
<i>Primula vulgaris</i>				F						F		F		O	
<i>Veronica spp</i>										F				O	
<i>Viola spp.</i>			O							O				O	
<i>Urtica dioica</i>		F	F	O				F	F	F	F	O	F	F	F
<i>Acer campestre</i>															
<i>Acer platanoides</i>															
<i>Acer pseudoplatanus</i>						O			O	O				O	O
<i>Alnus glutinosa</i>															
<i>Buxus sempervirens</i>															
<i>Betula pubescens</i>															
<i>Corylus avellana</i>				O							F				
<i>Crataegus monogyna</i>	F	F	F	A		F		F	F	F	F	A	A	F	F
<i>Fraxinus excelsior</i>															
<i>Hedera helix</i>	F			F		F		F	O	F		O	O		O
<i>Ilex aquifolium</i>	F	F	F	F		F		F	F	F	F	F	F	F	F
<i>Lonicera nitida</i>		O	O			O				O	F	O		O	O
<i>Lonicera periclymenum</i>								O							
<i>Picea sitchensis</i>															
<i>Pinus sylvestris</i>															
<i>Ribes nigrum</i>									F						
<i>Ribes uva-crispa</i>								O							
<i>Rosa arvensis</i>		F	F	F		F		F						F	F
<i>Rubus fruticosus agg.</i>	F	F	F	F		F					F			F	F
<i>Rubus idaeus</i>	F	F							F	O					
<i>Salix aurita</i>	F														
<i>Salix fragilis</i>															
<i>Sambucus nigra</i>															
<i>Sorbus aucuparia</i>									O						
<i>Symphocarpus rivularis</i>														F	F
<i>Taxus baccata</i>															
<i>Ulex europaeus</i>															
<i>Ulmus glabra</i>								O					O		
<i>Ulmus minor</i>									O						
<i>Fagus sylvatica</i>			O							O	O		O	F	F
<i>Prunus avium</i>			O												
<i>Prunus domestica</i>								O							
<i>Prunus spinosa</i>	F		F	F				O	F	F		O		F	F
<i>Prunus laurocerasus</i>							D								
<i>Quercus petraea</i>															
<i>Ligustrum vulgare</i>		F				F		F	A						
<i>X Cupressocyparis leylandii</i>					D		D								
<i>Viburnum opulus</i>			F					F	F						F
<i>Pyracantha Spp</i>															

Species / Hedge number	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
<i>Allium ursinum</i>															
<i>Anemone nemorosa</i>															
<i>Arum maculatum</i>									O						
<i>Fillipendula ulmaria</i>															
<i>Fragaria vesca</i>					F	F									
<i>Geranium robertianum</i>					O	O									
<i>Geum urbanum</i>															
<i>Glechoma hederacea</i>															
<i>Hyacinthoides non-scripta</i>															
<i>Oxalis acetosella</i>															
<i>Polypodium vulgare</i>															
<i>Potentilla sterilis</i>				F	F				F	F					
<i>Ranunculus ficaria</i>															
<i>Orchis mascula</i>															
<i>Primula vulgaris</i>					F	F					F			F	
<i>Veronica spp</i>															F
<i>Viola spp.</i>					F	F								O	
<i>Urtica dioica</i>	F	F	F	O	O		F	F				O			
<i>Acer campestre</i>															
<i>Acer platanoides</i>															
<i>Acer pseudoplatanus</i>		O		F									O		
<i>Alnus glutinosa</i>					O							A	F		
<i>Buxus sempervirens</i>															
<i>Betula pubescens</i>															
<i>Corylus avellana</i>			F	O	F	F			O						F
<i>Crataegus monogyna</i>	F	F	F	F	F	F		F	F	F	F	O		A	
<i>Fraxinus excelsior</i>															
<i>Hedera helix</i>		O	O	F	O	F	O	F		F	F		O	F	F
<i>Ilex aquifolium</i>	F	F	F	F	F	F		F	F	F	F	F	F	F	F
<i>Lonicera nitida</i>		O	O		F	F		O	F						
<i>Lonicera periclymenum</i>			O					F	F						
<i>Picea sitchensis</i>															
<i>Pinus sylvestris</i>	O														
<i>Ribes nigrum</i>															
<i>Ribes uva-crispa</i>															
<i>Rosa arvensis</i>		F		F	F	F	F				F		F		F
<i>Rubus fruticosus agg.</i>	F	F	F	F	F	F				F	F	F	F	F	F
<i>Rubus idaeus</i>															
<i>Salix aurita</i>										O		F			
<i>Salix fragilis</i>															
<i>Sambucus nigra</i>															
<i>Sorbus aucuparia</i>															
<i>Symphocarpus rivularis</i>															
<i>Taxus baccata</i>															
<i>Ulex europaeus</i>					F		O								
<i>Ulmus glabra</i>		O						O							
<i>Ulmus minor</i>															
<i>Fagus sylvatica</i>	F														
<i>Prunus avium</i>															
<i>Prunus domestica</i>															
<i>Prunus spinosa</i>	F		F	F	F		D	F	F	F	F	F	F		F
<i>Prunus laurocerasus</i>									F						
<i>Quercus petraea</i>															
<i>Ligustrum vulagre</i>			F									F	F		
<i>X Cupressocyparis leylandii</i>															
<i>Viburnum opulus</i>				F					F	F			F		
<i>Pyracantha Spp</i>															

Species / Hedge number	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
<i>Allium ursinum</i>															
<i>Anemone nemorosa</i>															
<i>Arum maculatum</i>			O	O			O				O		O		
<i>Fillipendula ulmaria</i>															
<i>Fragaria vesca</i>															
<i>Geranium robertianum</i>							O								
<i>Geum urbanum</i>															
<i>Glechoma hederacea</i>															
<i>Hyacinthoides non-scripta</i>															
<i>Oxalis acetosells</i>															
<i>Polypodium vulgare</i>															
<i>Potentilla sterilis</i>										O					
<i>Ranunculus ficaria</i>															
<i>Orchis mascula</i>															
<i>Primula vulgaris</i>	F	F													
<i>Veronica spp</i>															
<i>Viola spp.</i>															
<i>Urtica dioica</i>	F	F		F	F		F	F	F				A		
<i>Acer campestre</i>															
<i>Acer platanoides</i>															
<i>Acer pseudoplatanus</i>			F			O		F							
<i>Alnus glutinosa</i>													F		F
<i>Buxus sempervirens</i>															
<i>Betula pubescens</i>						O									
<i>Corylus avellana</i>			O	O											
<i>Crataegus monogyna</i>	F	F	F			F	F	F	F	A	A		O	F	F
<i>Fraxinus excelsior</i>															
<i>Hedera helix</i>	F	F	F	F		F	A	F	F	F			F	F	F
<i>Ilex aquifolium</i>	F	F	F	F		F	F	O	F	F	F		F	F	F
<i>Lonicera nitida</i>		F				D				D			O		
<i>Lonicera periclymenum</i>															
<i>Picea sitchensis</i>															
<i>Pinus sylvestris</i>															
<i>Ribes nigrum</i>															
<i>Ribes uva-crispa</i>													F		
<i>Rosa arvensis</i>		F		F		F	F								
<i>Rubus fruticosus agg.</i>		F		F		F	F		F		F		F		F
<i>Rubus idaeus</i>													F		
<i>Salix aurita</i>			O				F						F		
<i>Salix fragilis</i>												D			
<i>Sambucus nigra</i>				O											
<i>Sorbus aucuparia</i>															
<i>Symphocarpus rivularis</i>			F												
<i>Taxus baccata</i>															
<i>Ulex europaeus</i>															
<i>Ulmus glabra</i>															
<i>Ulmus minor</i>															
<i>Fagus sylvatica</i>						F									
<i>Prunus avium</i>															
<i>Prunus domestica</i>									O						
<i>Prunus spinosa</i>	F		F	A			F	F	F		F				F
<i>Prunus laurocerasus</i>															
<i>Quercus petraea</i>															
<i>Ligustrum vulagre</i>								F	F				A		
<i>X Cupressocyparis leylandii</i>					D										
<i>Viburnum opulus</i>			F			F									
<i>Pyracantha Spp</i>															




Species / Hedge number	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
<i>Allium ursinum</i>															
<i>Anemone nemorosa</i>															
<i>Arum maculatum</i>															O
<i>Fillipendula ulmaria</i>															
<i>Fragaria vesca</i>															
<i>Geranium robertianum</i>															
<i>Geum urbanum</i>															
<i>Glechoma hederacea</i>															
<i>Hyacinthoides non-scripta</i>															
<i>Oxalis acetosells</i>															
<i>Polypodium vulgare</i>															
<i>Potentilla sterilis</i>															
<i>Ranunculus ficaria</i>															
<i>Orchis mascula</i>															
<i>Primula vulgaris</i>					F										
<i>Veronica spp</i>															
<i>Viola spp.</i>															
<i>Urtica dioica</i>	F	F		F	O					F		O			
<i>Acer campestre</i>						F	A								
<i>Acer platanoides</i>															
<i>Acer pseudoplatanus</i>			O	F	F	O			F			O	O		O
<i>Alnus glutinosa</i>	F														
<i>Buxus sempervirens</i>															
<i>Betula pubescens</i>															
<i>Corylus avellana</i>															
<i>Crataegus monogyna</i>	F	A	F	F	F	F	F	F	F	F	F	F	F		D
<i>Fraxinus excelsior</i>															
<i>Hedera helix</i>	F			O	F	F	O	F				F	F		F
<i>Ilex aquifolium</i>	F	F	F	F		F	F	F		O	F	F	F		F
<i>Lonicera nitida</i>						O					O				
<i>Lonicera periclymenum</i>											A				
<i>Picea sitchensis</i>															
<i>Pinus sylvestris</i>															
<i>Ribes nigrum</i>			F								O				
<i>Ribes uva-crispa</i>				O											
<i>Rosa arvensis</i>					F		O			O					F
<i>Rubus fruticosus agg.</i>					F	O	F					O	F		
<i>Rubus idaeus</i>															
<i>Salix aurita</i>								F							
<i>Salix fragilis</i>															
<i>Sambucus nigra</i>															
<i>Sorbus aucuparia</i>															
<i>Symphocarpus rivularis</i>	F		F						A	A		A			F
<i>Taxus baccata</i>							O								
<i>Ulex europaeus</i>															
<i>Ulmus glabra</i>							O								
<i>Ulmus minor</i>									F	F					
<i>Fagus sylvatica</i>				F							O		D		
<i>Prunus avium</i>															
<i>Prunus domestica</i>															
<i>Prunus spinosa</i>							O			F	O		F		
<i>Prunus laurocerasus</i>															
<i>Quercus petraea</i>															
<i>Ligustrum vulagre</i>	F				F										
<i>X Cupressocyparis leylandii</i>															D
<i>Viburnum opulus</i>															
<i>Pyracantha Spp</i>															

Species / Hedge number	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
<i>Allium ursinum</i>															
<i>Anemone nemorosa</i>															
<i>Arum maculatum</i>															
<i>Fillipendula ulmaria</i>															
<i>Fragaria vesca</i>															
<i>Geranium robertianum</i>															
<i>Geum urbanum</i>															
<i>Glechoma hederacea</i>															
<i>Hyacinthoides non-scripta</i>										F					
<i>Oxalis acetosells</i>															
<i>Polypodium vulgare</i>							O								
<i>Potentilla sterilis</i>															
<i>Ranunculus ficaria</i>															
<i>Orchis mascula</i>															
<i>Primula vulgaris</i>															
<i>Veronica spp</i>															
<i>Viola spp.</i>															
<i>Urtica dioica</i>	F				F				O	F	F	F			F
<i>Acer campestre</i>															
<i>Acer platanoides</i>			F												
<i>Acer pseudoplatanus</i>				F										O	
<i>Alnus glutinosa</i>									D						
<i>Buxus sempervirens</i>															
<i>Betula pubescens</i>										F					
<i>Corylus avellana</i>															
<i>Crataegus monogyna</i>	D			F	F	F	D			F	F	F		F	F
<i>Fraxinus excelsior</i>															
<i>Hedera helix</i>	F			O			O		F			F		F	F
<i>Ilex aquifolium</i>	F			F		A	O		F	F				F	F
<i>Lonicera nitida</i>					O					O	O				
<i>Lonicera periclymenum</i>								F						O	
<i>Picea sitchensis</i>												O			
<i>Pinus sylvestris</i>															
<i>Ribes nigrum</i>															
<i>Ribes uva-crispa</i>															
<i>Rosa arvensis</i>															
<i>Rubus fruticosus agg.</i>				O					F						
<i>Rubus idaeus</i>															
<i>Salix aurita</i>				O					F		F				
<i>Salix fragilis</i>															
<i>Sambucus nigra</i>	O				O					O	O				
<i>Sorbus aucuparia</i>			F												
<i>Symphocarpus rivularis</i>				F			F					F			F
<i>Taxus baccata</i>															
<i>Ulex europaeus</i>									O						
<i>Ulmus glabra</i>															
<i>Ulmus minor</i>															
<i>Fagus sylvatica</i>															
<i>Prunus avium</i>	O														
<i>Prunus domestica</i>															
<i>Prunus spinosa</i>	F			F						F				F	
<i>Prunus laurocerasus</i>			A										D		
<i>Quercus petraea</i>															
<i>Ligustrum vulagre</i>						F								F	
<i>X Cupressocyparis leylandii</i>		D	A					D							
<i>Viburnum opulus</i>															
<i>Pyracantha Spp</i>		F													

Species / Hedge number	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
<i>Allium ursinum</i>															
<i>Anemone nemorosa</i>															
<i>Arum maculatum</i>											F				
<i>Fillipendula ulmaria</i>															
<i>Fragaria vesca</i>															
<i>Geranium robertianum</i>															
<i>Geum urbanum</i>															
<i>Glechoma hederacea</i>															
<i>Hyacinthoides non-scripta</i>															
<i>Oxalis acetosells</i>															
<i>Polypodium vulgare</i>															
<i>Potentilla sterilis</i>															
<i>Ranunculus ficaria</i>															
<i>Orchis mascula</i>															
<i>Primula vulgaris</i>															
<i>Veronica spp</i>															
<i>Viola spp.</i>															
<i>Urtica dioica</i>	F		F								F	F	A		
<i>Acer campestre</i>															
<i>Acer platanoides</i>															
<i>Acer pseudoplatanus</i>					O										
<i>Alnus glutinosa</i>															
<i>Buxus sempervirens</i>										D					
<i>Betula pubescens</i>															
<i>Corylus avellana</i>												O			
<i>Crataegus monogyna</i>	F		F		A			D			F	F	A	F	
<i>Fraxinus excelsior</i>															
<i>Hedera helix</i>	F		O		F						F	F	F	F	
<i>Ilex aquifolium</i>	A				F						F	F	F	F	
<i>Lonicera nitida</i>								O							F
<i>Lonicera periclymenum</i>												F			
<i>Picea sitchensis</i>															
<i>Pinus sylvestris</i>															
<i>Ribes nigrum</i>															
<i>Ribes uva-crispa</i>															
<i>Rosa arvensis</i>	F				F										
<i>Rubus fruticosus agg.</i>	F										F	F	F		
<i>Rubus idaeus</i>															
<i>Salix aurita</i>															
<i>Salix fragilis</i>															
<i>Sambucus nigra</i>	F				O						F		F		
<i>Sorbus aucuparia</i>															
<i>Symphocarpus rivularis</i>	F		F												
<i>Taxus baccata</i>															
<i>Ulex europaeus</i>															
<i>Ulmus glabra</i>															
<i>Ulmus minor</i>															
<i>Fagus sylvatica</i>								O							
<i>Prunus avium</i>															
<i>Prunus domestica</i>															
<i>Prunus spinosa</i>	F				O						F	F	F		
<i>Prunus laurocerasus</i>															
<i>Quercus petraea</i>															
<i>Ligustrum vulagre</i>			F		F							F		F	
<i>X Cupressocyparis leylandii</i>		D		D		D	D		D						D
<i>Viburnum opulus</i>														F	
<i>Pyracantha Spp</i>															

Species / Hedge number	106	107	108	109	110
<i>Allium ursinum</i>					
<i>Anemone nemorosa</i>					
<i>Arum maculatum</i>					
<i>Fillipendula ulmaria</i>					
<i>Fragaria vesca</i>					
<i>Geranium robertianum</i>					
<i>Geum urbanum</i>					
<i>Glechoma hederacea</i>					
<i>Hyacinthoides non-scripta</i>					
<i>Oxalis acetosella</i>					
<i>Polypodium vulgare</i>					
<i>Potentilla sterilis</i>					
<i>Ranunculus ficaria</i>					
<i>Orchis mascula</i>					
<i>Primula vulgaris</i>					
<i>Veronica spp</i>					
<i>Viola spp.</i>					
<i>Urtica dioica</i>	F	F			F
<i>Acer campestre</i>					
<i>Acer platanoides</i>					
<i>Acer pseudoplatanus</i>					
<i>Alnus glutinosa</i>					
<i>Buxus sempervirens</i>					
<i>Betula pubescens</i>					F
<i>Corylus avellana</i>					
<i>Crataegus monogyna</i>	A	A			F
<i>Fraxinus excelsior</i>					
<i>Hedera helix</i>	O	F		O	
<i>Ilex aquifolium</i>	F				F
<i>Lonicera nitida</i>		F			
<i>Lonicera periclymenum</i>					
<i>Picea sitchensis</i>					
<i>Pinus sylvestris</i>					
<i>Ribes nigrum</i>					
<i>Ribes uva-crispa</i>					
<i>Rosa arvensis</i>					
<i>Rubus fruticosus agg.</i>	O	F			F
<i>Rubus idaeus</i>					
<i>Salix aurita</i>					
<i>Salix fragilis</i>					
<i>Sambucus nigra</i>	O	F			
<i>Sorbus aucuparia</i>					
<i>Symphocarpus rivularis</i>					
<i>Taxus baccata</i>					
<i>Ulex europaeus</i>					
<i>Ulmus glabra</i>					
<i>Ulmus minor</i>					
<i>Fagus sylvatica</i>					
<i>Prunus avium</i>					
<i>Prunus domestica</i>					
<i>Prunus spinosa</i>					
<i>Prunus laurocerasus</i>			D		
<i>Quercus petraea</i>					
<i>Ligustrum vulagre</i>					
<i>X Cupressocyparis leylandii</i>				D	
<i>Viburnum opulus</i>					
<i>Pyracantha Spp</i>					



KEY	
	Position, number and actual crown spread of tree, colour coded to indicate tree category as per BS5837:2005 as follows: A = light green, B = mid blue, C = grey, R = dark red.
	Area of Tree Protection Zone (if described as a perfect circle)
	Position and Number of Sampled Hedge

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Title:
Tree Constraints plan
SHEET 4 OF 5

Plan indicating position, actual crown spread of trees and notional tree protection zones (based on a map produced by the client)

Site:
N2 Monaghan to Emyvale Road

Client:
Monaghan County Council

Scale: 1:2000	Drawn By: Philip	Date: 03.05.2011
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KEY

- Position, number and actual crown spread of tree, colour coded to indicate tree category as per BS5837:2005 as follows: A = light green, B = mid blue, C = grey, R = dark red.
- Area of Tree Protection Zone (if described as a perfect circle)
- Position and Number of Sampled Hedge

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Title:
Tree Constraints plan
SHEET 5 OF 5

Plan indicating position, actual crown spread of trees and notional tree protection zones (based on a map produced by the client)

Site:
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