

Arboricultural Report

Tree Survey,
Arboricultural Impact Assessment &
Arboricultural Method Statement

In relation to the proposed development at:

Social Housing Bundle 4
Church of the Annunciation
Cardiffsbridge Road
Finglas
Dublin 11

On behalf of:

Dublin City Council

May 2024

230427-PD-51

CHARLES MCCORKELL
ARBORICULTURAL CONSULTANCY

Contents

Section 1: Arboricultural Impact Assessment	3
1 Summary	3
2 Introduction	4
3 Observations & Context	6
4 Local Planning Policy	9
5 Technical Information	10
6 Analysis of the Proposal in Respect of Trees	11
7 Discussion & Conclusion	14
8 Recommendations	16
Section 2: Arboricultural Method Statement	17
Appendices	23
Appendix A – Schedules	23
Appendix B – Plans	24
Appendix C – Cellular Confinement System	25
Appendix D – Fire Tender Sectional Drawings	26

Section 1: Arboricultural Impact Assessment

1 Summary

- 1.1 This arboricultural report has been instructed by Dublin City Council (the 'Applicant').
- 1.2 The proposal is for the construction of 110 residential units for 'Older Persons' at the former Church of Annunciation on Cardiffsbridge Road, Finglas, Dublin 11 (the 'Application Site').
- 1.3 This report includes:
- an assessment of the trees, their quality and value in accordance with BS 5837:2012 - Trees in relation to design, demolition and construction;
 - the site context and observations on the trees;
 - local planning policies relevant to the consideration of trees on the site;
 - the impact of the proposed development on the tree population in and around the site;
 - methods of reducing impacts on trees; and
 - measures to be taken to protect trees during the proposed works.
- 1.4 The proposed development will require the removal of 4 trees of moderate quality and value (B Category), 10 trees of low quality and value (C Category), and 4 trees of poor quality (U Category).
- 1.5 The proposed loss of trees will have an initial moderate visual impact on the immediate surrounding landscape. This impact is not deemed to be significant as the trees to be retained trees will continue to provide amenity value within the local area and new tree planning has been proposed to mitigate trees proposed for removal.
- 1.6 Construction works are required within the RPAs of retained trees. These works have been identified within this report and can be addressed using sensitive design and construction methods of work.
- 1.7 In conclusion, the proposed development is achievable in both arboricultural terms and in relation to local planning policy as it relates to trees. Tree impacts have been assessed and tree protection measures have been specified in accordance with best practice and are sufficient to safeguard retained trees during the proposed works.

2 Introduction

Instructions

- 2.1 This arboricultural report has been instructed by Dublin City Council to provide information to assist all parties involved in the planning process to make balanced judgements with regard to arboricultural features in relation to the proposed development at the former Church of Annunciation on Cardiffsbridge Road, Finglas, Dublin 11.

Development proposal

- 2.2 The proposal is for the construction of 110 residential units for 'Older Persons' at a site c.0.77 ha at the site of the former Church of Annunciation on Cardiffsbridge Road, Finglas, Dublin 11, which will consist of the following:

- One apartment block ranging from 4 to 5-storeys, containing:
 - 110 residential units for 'Older Persons' comprising 106 no. 1-bed and 4 no. 2-bed; and
 - 434 sq.m. of community, arts and cultural facilities.
- 15 no. car parking spaces and 87 no. cycle spaces.
- 935 sq.m. of public open space and 609 sq.m. of communal open space.
- One vehicular and pedestrian access and one dedicated pedestrian access off Cardiffsbridge Road.
- Boundary treatments, public lighting, site drainage works, internal road surfacing and footpath, ESB meter rooms, plant rooms, stores, bin and bicycle storage, landscaping; and
- All ancillary site services and development works above and below ground.

Qualification and experience

- 2.3 This report has been prepared by Charles McCorkell. Charles is a Chartered Arboricultural Consultant dealing with trees in relation to all forms of human activity, including the built environment. He is a Professional Member of the Institute of Chartered Foresters, a Professional Member of the Arboricultural Association, a qualified professional tree inspector (LANTRA), and has a BSc Honours Degree in Arboriculture from the University of Central Lancashire.

Scope and limitations

- 2.4 The survey undertaken is not a health and safety assessment of trees; however, trees identified as imminently dangerous will have been highlighted and recommendations made, where appropriate.

- 2.5 The contents of this report are the copyright of Charles McCorkell Arboricultural Consultancy and may not be distributed or copied without the author's permission.

Methodology and guidance

- 2.6 The author of this report has referred to *British Standard 5837: Trees in relation to design, demolition and construction (2012)* which provides a methodology for the assessment of trees and other significant vegetation on development sites.
- 2.7 BS 5837 (2012) is intended to assist decision making with regard to existing and proposed trees and sets out the principles and procedures to be applied to achieve a harmonious relationship between existing and new trees and structures that can be sustained for the long term.
- 2.8 The BS 5837 (2012) recommends the National Joint Utilities Group (NJUG) document *Guidelines for the planning, installation and maintenance of utility apparatus in the proximity to trees*. Volume 4, issue 2. London: NJUG, 2007, as a normative reference for guidance on the installation of utilities within proximity to trees.

Supporting information

- 2.9 This report should be read in conjunction with the following supporting documents attached to this report.

Document	Reference	Location
Arboricultural Method Statement	-	Section 2
Tree Schedule	230427-PD-10	Appendix A
Tree Work Schedule	230427-PD-12	Appendix A
Tree Survey & Constraints Plan	230427-P-10	Appendix B
Tree Works Plan	230427-P-11	Appendix B
Tree Protection Plan	230427-P-12	Appendix B
Cellular confinement system	-	Appendix C
Fire Tender Sectional Drawings	-	Appendix D

Definitions

- 2.10 **Root Protection Area (RPA)** – a layout design tool indicating the area surrounding a tree that contains sufficient rooting volume to ensure the survival of the tree.
- 2.11 **Tree Protection Zone (TPZ)** – an area based on the RPA in m² identified by an arboriculturist, to be protected during development, including demolition and construction work, by the use of barriers and/or ground protection fit for purpose to ensure the successful long-term retention of a tree.

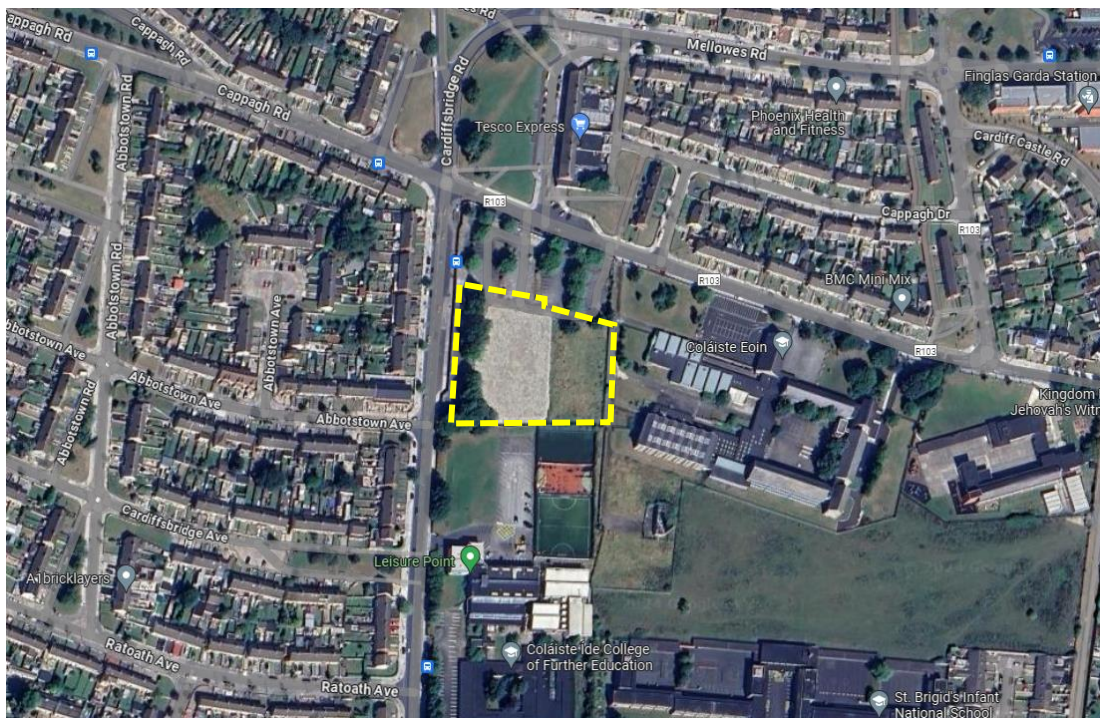
3 Observations & Context

Site visit

- 3.1 The site was visited by Charles McCorkell on 7 July 2023. The purpose of the visit was to survey trees located on and adjacent to the site which may be of significance to the proposed development. The survey was carried out in accordance with BS 5837:2012 and from ground level only.

Site location and description

- 3.2 The Application Site is the former Church of Annunciation on the corner of Cardiffsbridge Road and Cappagh Road (Map 1). The former church has been demolished and the site is currently fenced off and not in use.
- 3.3 The tree cover on the site is located within the main car park area to the north and along the western boundary. The trees are mainly of an early-mature age and contain a mix of sycamore, lime, ash, beech, silver maple, cypress and London Plane. Adjacent to the southern boundary there is a row of Norway maple trees that overhang the site boundary.



Map 1 (Google 2024): Dashed yellow line highlighting the location of the site within the local area.

View of the site and trees



Photo 1: View of the early-mature trees T486 to T502 located along the western boundary of the site. Image taken from within the main site.



Photo 2: Second view of the early-mature trees T492 to T498 located along the western boundary of the site. Image taken from the Cardiffsbridge Road boundary.



Photo 3: View of the neighbouring trees T727 to T732 located along the southern boundary.



Photo 4: View of trees T721 and T722 located in the northeastern corner of the site.

4 Local Planning Policy

Dublin City Council Development Plan 2022-2028

- 4.1 The Dublin City Council Development Plan 2022-2028 was adopted on 2 November 2022 and contains the following policies that relate to trees:

Section 10.5.7 Trees

- **GI41 – Protect Existing Trees as Part of New Development:** To protect existing trees as part of new development, particularly those that are of visual, biodiversity or amenity quality and significance. There will be a presumption in favour of retaining and safeguarding trees that make a valuable contribution to the environment.

Dublin Tree Strategy 2016-2020

- 4.2 The Dublin City Tree Strategy 2016-2020 is referenced several times within the council's Development Plan and contains a number of policies within Section 3.3 that relate to trees and development. These include:

- **3.31 Protection of Existing Trees** - Dublin City Council will consider the protection of existing trees when granting planning permission for developments and will seek to ensure maximum retention, preservation and management of important trees, groups of trees and hedges.
- **3.3.2 Information to accompany planning applications** - Where there are trees within an application site, or on land adjacent to it that could influence or be affected by the proposed development (including street trees), the planning application must include a detailed submission prepared by a suitably qualified Arboriculturist in accordance with BS5837: 2012 'Trees in relation to design, demolition and construction – Recommendations'.
- **3.3.5 Tree Planting integral to Development** - Dublin City Council will encourage and promote tree planting in the planning and design of private and public developments.

5 Technical Information

Tree data

- 5.1 The Tree Survey Plan at Appendix B illustrates the location of trees, the extent of the spread of their crowns, and their root protection areas. Dimensions, comments and information for each tree are given in the Tree Schedule at Appendix A.

Life stage analysis

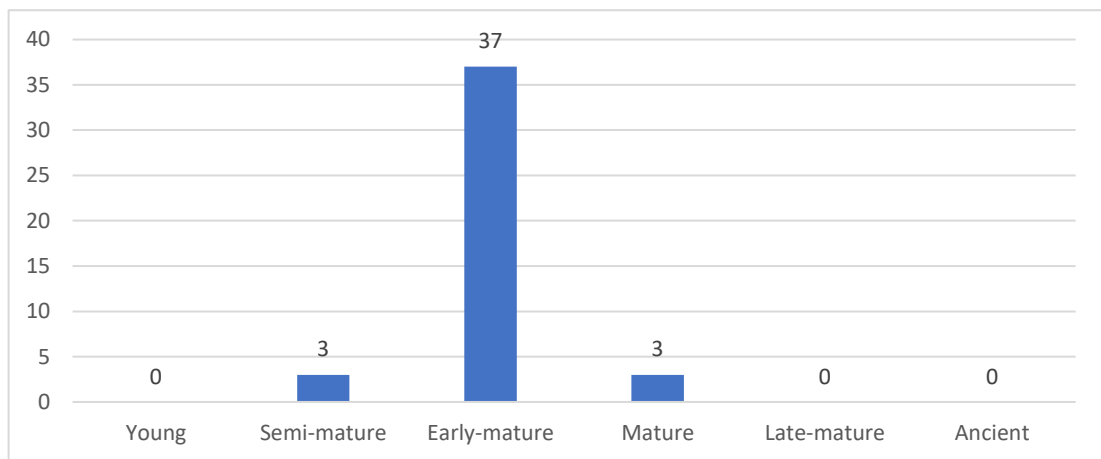


Figure 1: Life stage analysis of the 43 survey entries recorded.

BS5837 (2012) category breakdown

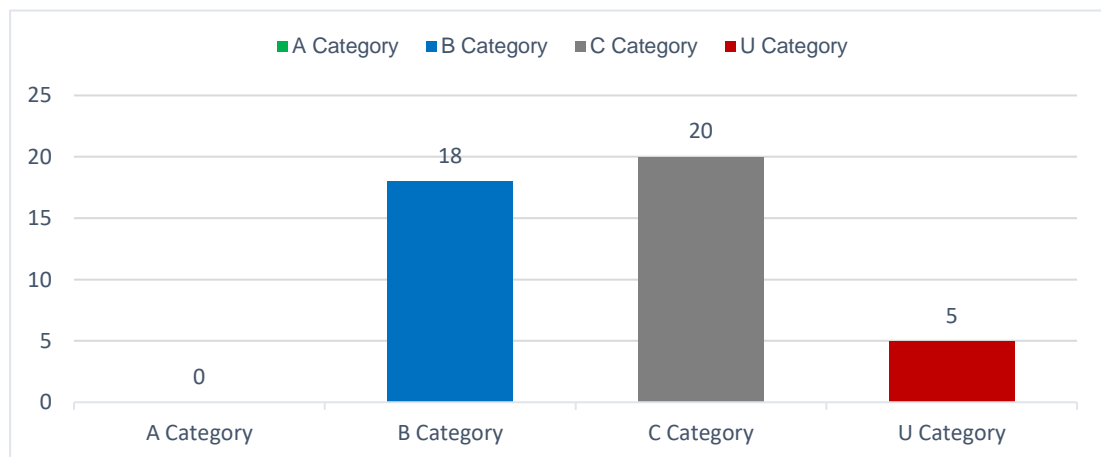


Figure 2: Breakdown of BS5837:2012 categories of the 43 survey entries recorded.

6 Analysis of the Proposal in Respect of Trees

Arboricultural Impacts

- 6.1 **Loss of trees and shrubs** – The proposed development will require the removal of 4 trees of moderate quality and value (B Category), 10 trees of low quality and value (C Category), and 4 trees of poor quality (U Category). A breakdown of trees to be removed according to their BS5837:2012 category is outlined in Figure 3.



Figure 3: Breakdown of tree removal required as part of the development.

- 6.2 The proposed loss of trees will have an initial moderate visual impact on the immediate local surrounding area. The majority of trees along the western boundary are required to be removed to allow acceptable daylight levels into the adjacent habitable rooms. The design has aimed to reduce the overall impact of tree loss by selectively removing the lower quality trees, where possible, to create the gaps required to improve daylight levels.
- 6.3 A number of trees along the western boundary will be retained to ensure the landscape character within the local area is not significantly impacted. In combination with these retained trees, new tree planting has been proposed closer to the road and internally within the site. In time, the proposed new planting will mitigate the loss of trees and canopy cover across the site.
- 6.4 The proposed tree removals are specified within the Tree Work Schedule at Appendix A and are highlighted in the Tree Works Plan at Appendix B.
- 6.5 **Pruning works** – Trees on the site require pruning works to facilitate the development. These works will include reducing the lateral growth of canopies located adjacent to

the proposed building elevation and crown lifting low canopies to provide sufficient clearance above areas of public open space and the fire tender access route.

- 6.6 The extent of pruning works required is not considered to be significant and will not have a detrimental impact on the long-term health of the trees concerned. All tree works will be carried out by a reputable arboricultural contractor in accordance with the recommendations given in BS 3998:2010 – Tree Work Recommendations. Details of the proposed pruning works are specified within the Tree Work Schedule at Appendix A.
- 6.7 **Removal/refurbishment of existing hard standing and walls within tree RPAs –** The proposal will require the removal and/or refurbishment of low walls and areas of existing hard standing within the RPAs of retained trees, as highlighted on the Tree Protection Plan at Appendix B.
- 6.8 To minimise the impact that these works could have on the retained trees, special methods of construction are required. All working operations within tree RPAs must be carried out under the guidance and supervision of the arboricultural consultant.
- 6.9 No excavation works are permitted to exceed the depth of the existing sub-base layer or footprint of any foundation. Where new walls or hard standing are required to be reconstructed, the aim should be to utilise and make good existing foundations and sub-base layers to further reduce any disturbance of tree roots.
- 6.10 **Construction of new walls within tree RPAs –** The construction of new walls within tree rooting areas can have a significant impact on the long-term health and structural condition of the tree concerned.
- 6.11 Where possible, new walls will be constructed using specially engineered foundations, such as pads and above-ground beams. The location of each pad must be agreed onsite with the arboricultural consultant and all works must be carried out under supervision.
- 6.12 The excavation of each pad must be carried out manually with the use of hand tools. All roots greater than 25-50mm in diameter are required to be retained and protected using the wrapped split flexible pipe technique. Smaller roots may be pruned but only under the approval of the arboricultural consultant onsite.
- 6.13 **Construction of fire tender access within tree RPAs –** The proposed fire tender access route is required to be constructed within the RPAs of the retained trees within the southwestern corner of the site, as highlighted on the Tree Protection Pan.

- 6.14 The design of this road has been discussed in detail with the architect, engineer and landscape architect. To retain and protect the existing trees on site, the road is required to be constructed above ground level using a cellular confinement system, please refer to Appendix C.
- 6.15 The consulting engineers, Malone O'Regan, have designed the fire tender access route using the required cellular confinement system above ground level and have produced a series of cross-sections detailing how the build-up of the road over the RPAs of the retained trees can be achieved. This drawing has been provided at Appendix D.
- 6.16 **Drainage and services** – The drainage layout has been reviewed and does not require excavation works within the RPAs of retained trees, conventional installation methods can therefore be carried out.
- 6.17 Where additional underground services are required, these should also avoid the RPAs of retained trees. If this is not possible, they must be installed in accordance with industry best practice. The BS 5837:2012 recommends the National Joint Utilities Group Guidelines for the planning, installation and maintenance of utility apparatus in proximity to trees Volume 4, issue 2: NJUG, 2007 as a normative reference in these instances.
- 6.18 **Tree protection measures** – Retained trees can be successfully protected during the proposed development works by using robust fencing measures which comply with the recommendations outlined within BS5837:2012. For details of all tree protection measures required during construction operations, please refer to the Tree Protection Plan located at Appendix B.

Arboricultural mitigation

- 6.19 A detailed landscape proposal has been designed and will form part of the planning application for the development proposal. This design includes the planting of a large number of new high-quality trees.
- 6.20 The proposed new planting will help to mitigate the loss of trees required to facilitate the development and in the medium to long term, can have a positive impact on the character and appearance of the site and the surrounding local landscape.

7 Discussion & Conclusion

General Change

- 7.1 The proposal has been carefully designed to minimise the loss of better quality trees on the site. As a result, the majority of trees to be removed are of low quality and value. Even though the majority of trees are of lesser value, they are prominently located and their loss will have a moderate visual impact on the character of the immediate local area. This impact is not deemed to be significant as the retained trees have been successfully incorporated into the development and will continue to have a positive impact on the character of the local area.

New Landscaping

- 7.2 The development design has taken the loss of trees into consideration and proposed new high-quality tree planting that will enhance the amenities and visual appearance of the development and contribute to the character of the local surrounding area. The proposed new tree planting will mitigate the loss of trees and in the medium to long term replace the loss of canopy cover on the site.
- 7.3 A diverse selection of tree species should be planted to increase the resilience of the tree population on the site and within the local area due to the current risks posed by pests, diseases and climate change.

Sustainability

- 7.4 The approach to trees and landscape on the site is sustainable; best practice guidance has been followed to identify the key trees for arboricultural and landscape value and the majority of trees to be removed are of low quality and value.
- 7.5 The landscape opportunities on the site for new trees can mitigate the loss of trees and improve canopy cover; bringing a positive benefit to the site and the local area generally.

Proposal in relation to local planning policy

- 7.6 The proposed development complies with local planning policies as they relate to trees. The loss of trees has been assessed and new tree planting has been proposed and can have a long term positive impact on the site and the local landscape.

- 7.7 The proposal has been assessed in accordance with best practice BS5837:2012 and provided the recommendations as detailed within this report are followed and all retained trees can be successfully protected for the duration of construction.

Arboricultural impacts and mitigation

- 7.8 Constraints posed by trees have been assessed and where impacts occur, these have been identified specifically in this report and can be addressed using sensitive design and construction measures.
- 7.9 The protection of retained trees on this site during the proposed development works can be achieved by continuing to follow the recommendations in BS5837:2012 and by compliance with suitably drafted planning conditions.

8 Recommendations

- 8.1 The proposal should be carried out in accordance with the recommendations outlined within this report.

Tree Protection

- 8.2 The positioning of tree protective barriers should be installed as detailed on the Tree Protection Plan at Appendix B.
- 8.3 The protective fencing measures to be installed must comply with the recommendations outlined within BS5837:2012.
- 8.4 No materials or equipment other than those required to install tree protection will be delivered to the site until all fencing and ground protection is in place.
- 8.5 Site supervision should be carried out by an arboricultural consultant at key stages of the project to ensure that retained trees can be successfully protected during the development. Details of supervision are included within the Arboricultural Method Statement at Section 2 of this report.

Tree Works

- 8.6 All tree works are required to be carried out in accordance with best working practice BS3998:2010 – *Tree Work Recommendations* and by a reputable arboricultural contractor.

Arboricultural mitigation

- 8.7 Tree planting is proposed to mitigate the loss of trees and must be carried out and maintained as specified by the Landscape Architect.
- 8.8 All new tree planting must be carried out in accordance with BS 8545:2014 *Trees: from nursery to independence in the landscape. Recommendations*.
- 8.9 New tree planting should take into consideration the mature growing size of the trees proposed, to ensure that a harmonious relationship between trees and buildings and hard surfaces can be sustained for the long term, without the need for unnecessary pruning works or removals.

Section 2: Arboricultural Method Statement

Introduction

This report has been prepared in accordance with British Standard 5837: Trees in relation to design, demolition and construction – Recommendations (2012) which provides a methodology for the assessment and protection of trees and other significant vegetation on development sites.

Sequence of Operations

- Proposed tree works.
- Installation of tree protection measures.
- Enabling works, including the installation of a site compound.
- Construction, including the installation of drainage and services.
- Landscaping.

Alternative sequences can be discussed and agreed upon with the local authority and project manager if required.

Supervision

All key/critical activities that will affect trees during construction will be inspected and monitored by the approved arboricultural consultant.

- Pre-commencement meeting with the site manager and local planning authority to discuss tree protection measures;
- Inspection of tree works and protection measures prior to the commencement of works;
- Monthly site visits to inspect tree protection measures;
- Supervision during the removal of hard standing and walls within tree RPAs;
- Supervision during the construction of walls within tree RPAs;
- Supervision during the installation of no-dig surfaces within tree RPAs;
- Supervision during any other works that may affect retained trees; and
- Tree inspection upon completion.

Arboricultural Method Statement	
Scope	Methodology
Pre-commencement meeting	<p>Prior to the commencement of works, a meeting between the arboricultural consultant and site manager will be held in order to discuss the tree protection measures and proposed works required in close proximity to trees.</p> <p>Contact details of all parties will be circulated to ensure all team members are able to communicate correctly.</p> <p>The site manager will be responsible for the protection of all retained trees for the duration of the project. Whenever necessary, the site manager will engage the arboricultural consultant to ensure trees are adequately protected.</p> <p>The appointed arboricultural consultant will be available for verbal advice throughout the site works.</p>
Tree Works	<p>Please refer to the Tree Work Schedule at Appendix A for a list of all proposed tree works. The location of trees to be removed is highlighted in the Tree Works Plan at Appendix B.</p> <p>It is the responsibility of the Site Manager to ensure all tree works have been approved by the local planning authority.</p> <p>All tree works will be carried out by a reputable arboricultural contractor in accordance with the recommendations given in BS 3998:2010 – Tree Work Recommendations.</p> <p>All tree works should be carried out in accordance with Section 40 of the Wildlife Act 1976 and Section 46 of the Wildlife (Amendment) Act 2000.</p> <p>All trees shall be inspected for bat roots prior to commencement of construction.</p> <p>Prior to undertaking any tree works on site, please refer to the ecological documents submitted as part of the planning application.</p> <p>It is the responsibility of the arboricultural contractor to ensure that no protected species are harmed whilst carrying out site clearance or tree surgery works.</p>

<p>Tree Protection</p>	<p>The position of protective fencing for construction is shown on the Tree Protection Plan at Appendix B.</p> <p>Protective fencing must be constructed and installed using the BS5837:2012 fencing specification as detailed on the Tree Protection Plan at Appendix B. Alternatives to those shown must be agreed upon in advance by the client-approved, arboricultural consultant.</p> <p>No materials or equipment other than those required to erect protective fencing will be delivered to the site before the fencing is installed.</p> <p>Signs will be fixed to every third panel stating, <i>'Tree Protection Area Keep Out – Any incursion into the protected area must be with the agreement of the local authority or arboricultural consultant'</i>.</p> <p>The main contractor will inform the local authority and the arboricultural consultant that tree protection is in place before site clearance works commence.</p> <p>No alteration, removal or repositioning of the tree protection will take place during construction without the prior consent of the arboricultural consultant.</p>
<p>Compound Area</p>	<p>The site compound must be located outside the designated TPZs as highlighted in the Tree Protection Plan at Appendix B.</p> <p>No excavation works within tree RPAs are permitted to install temporary services for site cabins and facilities. Any temporary services within tree RPAs must be above ground and protected accordingly.</p> <p>No operating generators or toxic liquids will be stored within the RPAs of retained trees during construction.</p> <p>Overhanging tree canopies must be taken into consideration when transporting, installing and removing site cabins near tree crowns. A banksman will be present during this process to ensure that all operations are carried out in a controlled manner and no part of the cabin meets overhanging tree crowns.</p>
<p>Areas of No-Dig</p>	<p>Proposed areas of hard standing within tree RPAs must be constructed using a cellular confinement system, or similar</p>

	<p>approved, and will be carried out under arboricultural supervision using the following methodology;</p> <p>The existing vegetation within the proposed footprint will be sprayed using a suitable herbicide that is not detrimental to trees and the area left for the prescribed timescale.</p> <p>Once vegetation has died off, the area will be raked and if levelling is required this will be carried out through the spreading of lawn sand or a good quality topsoil.</p> <p>Once levelled, the area will be covered by a permeable membrane onto which the cellular system will be laid. This will then be infilled with 20-40mm angular non-fine aggregate and edged with pressure treated pegged timber board or similar.</p> <p>The finishing surface layer will consist of a permeable hard surface material.</p> <p>The system must be installed in accordance with the manufactures specification.</p>
<p>Removal of existing hard standing within RPAs</p>	<p>The upper surface of existing hard standing located within the RPAs of retained trees will be fractured with a machine or using hand tools, and all loose material will be removed.</p> <p>The removal of the sub-base material must only be carried out under the supervision of the arboricultural consultant and works will not exceed beyond the depth of the sub-base layer into virgin soil.</p> <p>Where it is deemed necessary, temporary ground protection/tree protection barriers will be installed to protect newly exposed roots until practical completion.</p>
<p>Installation of pads for proposed walls</p>	<p>Each pad will be excavated manually with the use of hand tools and all roots greater than 25-50mm in diameter are required to be retained and protected. If there are a significant number of large roots present, the pad location may be altered slightly to avoid impacting them.</p> <p>Large roots greater than 25-50mm in diameter will be protected using the wrapped split flexible pipe technique.</p> <p>Individual roots less than 25-50mm in diameter will be pruned by making a clean cut with a suitable sharp sterile tool (e.g. secateur or hand saw).</p>

	<p>Once the pad has been excavated and the roots protected, it must be lined with a suitable membrane (1000 gauge polythene) prior to pouring liquid cement.</p>
<p>Drainage and Service Installation</p>	<p>All methods of work for the installation of drainage runs or services within the RPAs of retained trees will follow the guidance within Table 3 of BS 5837 (2012), or National Joint Utilities Group (NJUG) <i>Guidelines for the planning, installation and maintenance of utility apparatus in proximity to trees</i>. Volume 4, issue 2, London NJUG 2007.</p> <p>Any approved works within the TPZ will be carried out using either hand tools such as an air lance and vacuum excavator or trenchless techniques as outlined within Table 3 of BS5837:2012.</p> <p>Prior to drainage or service installation works commencing within RPAs, the arboricultural consultant will be contacted, and a date agreed for a site meeting to run through the proposed methods of work on site with the site manager and relevant site operatives.</p>
<p>General Principals to Avoid Damage to Trees</p>	<p>All tree works will be carried out in accordance with the recommendations given in BS 3998 (2010).</p> <p>No fires will be permitted within 20m of the crown of any tree.</p> <p>No changes in soil levels will take place within the tree protection zones without the prior written consent of the local authority.</p> <p>No materials, vehicles, plant or personnel will be permitted into the tree protection zones at any time without the prior consent of the arboricultural consultant.</p> <p>Any liquid materials spilt on site will be immediately cleared up and removed from the site. If liquid fuel or cement products are spilt within 2m of the tree protection zone, the contractor will report the incident to the arboricultural consultant immediately.</p> <p>The contractor will report any damage to trees or shrubs, whether caused by construction activities or from any other cause to the arboricultural consultant immediately.</p>
<p>Landscape Operations</p>	<p>All landscape operations within the protected area will be carried out by hand, using hand tools only, unless otherwise agreed with by the arboricultural consultant.</p>

	<p>No dumping of spoil or rubbish, parking of vehicles or plant, storage of materials or temporary accommodation will be undertaken within the TPZs.</p> <p>Soil levels will not be increased or reduced within the RPAs of trees without prior agreement from the arboricultural consultant.</p>
--	---

Appendix A - Schedule

Document	Reference	Revision
Tree Schedule	230427-PD-50	-
Tree Work Schedule	230427-PD-52	-

230427-50 - Church of Annunciation

Tree ID	No. Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m)								Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m ²)	RPR (m)	Life expectancy (yrs)	BS Category
					N	NE	E	SE	S	SW	W	NW									
Tree T485	1 Acer pseudoplatanus (Sycamore)	17.0	59	1	3.5	7.0	7.0	6.0				2.0		Mature	Structural condition Fair. Physiological condition Good. Competition - Adjacent trees. Deadwood - Minor.	07/07/2023	157.5	7.1	20-40	B2	
Tree T486	1 Acer pseudoplatanus (Sycamore)	18.0	45	1	5.0	7.0	5.0	4.0				3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Bark wound - Minor. Competition - Adjacent trees. Deadwood - Minor.	07/07/2023	91.6	5.4	20-40	B2	
Tree T487	1 Acer pseudoplatanus (Sycamore)	17.0	49	1	3.0	3.0	3.5	6.0				2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Deadwood - Minor. Girdling roots - Minor.	07/07/2023	108.6	5.9	20-40	B2	
Tree T488	1 Acer pseudoplatanus (Sycamore)	11.0	22	1	1.5	4.0	1.0	1.0				3.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Die-back - Upper crown. Deadwood - Major. Epicormic growth - Base. Fork - Weak with included bark. Suppressed crown - Major. Unbalanced crown - Major.	07/07/2023	21.9	2.6	0-10	U	
Tree T489	1 Acer pseudoplatanus (Sycamore)	16.0	42	1	4.5	6.0	3.5	7.0				1.5		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Deadwood - Minor. Girdling roots - Minor.	07/07/2023	79.8	5.0	20-40	B2	
Tree T490	1 Acer pseudoplatanus (Sycamore)	16.0	36	1	3.5	4.0	3.0	6.5				1.5		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Deadwood - Minor. Suppressed crown - Minor. Unbalanced crown - Minor.	07/07/2023	58.6	4.3	20-40	C2	
Tree T491	1 Acer pseudoplatanus (Sycamore)	16.0	29	1	4.0	4.5	4.0	1.5				3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Deadwood - Minor. Suppressed crown - Minor. Unbalanced crown - Minor.	07/07/2023	38.0	3.5	20-40	C2	

Stem **green** Estimated value
 Stem **AVE** Average stem diameter for tree groups
 Stem **COM** Combined stem diameter in accordance with BS5837
 L.B. Height of lowest branch attachment (m) - where relevant

The survey information in this schedule has been gathered following a BS5837 survey for planning purposes. Where hazardous trees have been noted recommendations for works may have been made but this survey cannot be relied upon as a full health and safety assessment of the trees.

230427-50 - Church of Annunciation

Tree ID	No. Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m)								Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m ²)	RPR (m)	Life expectancy (yrs)	BS Category
					N	NE	E	SE	S	SW	W	NW									
Tree T492	1 Acer pseudoplatanus (Sycamore)	16.0	31	1	3.5		3.0		2.0		5.0		2.5		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Deadwood - Minor. Rubbing limbs.	07/07/2023	43.5	3.7	20-40	C2
Tree T493	1 Acer pseudoplatanus (Sycamore)	16.0	28	1	2.5		3.5		2.5		3.5		3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Deadwood - Minor.	07/07/2023	35.5	3.4	10-20	C2
Tree T494	1 Acer pseudoplatanus (Sycamore)	16.0	45	1	6.5		6.0		4.0		6.0		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Deadwood - Minor.	07/07/2023	91.6	5.4	20-40	B2
Tree T495	1 Platanus x hispanica (London Plane)	13.0	32	1	3.0		8.0		7.0		6.0		1.5		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Deadwood - Minor. Suppressed crown - Minor. Unbalanced crown - Minor.	07/07/2023	46.3	3.8	20-40	B2
Tree T496	1 Fagus sylvatica (Common Beech)	17.0	41	1	4.5		4.0		5.0		5.5		1.0		Early Mature	Structural condition Fair. Physiological condition Good. Fork - Weak with included bark.	07/07/2023	76.0	4.9	20-40	B2
Tree T497	1 Fraxinus excelsior (Ash)	18.0	48	1	4.0		8.5		7.0		8.5		2.0		Early Mature	Structural condition Fair. Physiological condition Poor. Deadwood - Minor. Tree is infected with ash dieback.	07/07/2023	104.2	5.8	10-20	C2
Tree T498	1 Tilia x vulgaris (Common Lime)	18.0	32	1	4.0		5.5		3.5		3.5		0.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Deadwood - Minor. Epicormic growth - Base.	07/07/2023	46.3	3.8	20-40	B2
Tree T499	1 Fraxinus excelsior (Ash)	19.0	38	1	3.5		2.5		4.0		7.0		2.5		Early Mature	Structural condition Fair. Physiological condition Poor. Competition - Adjacent trees. Deadwood - Minor. Suppressed crown - Minor. Unbalanced crown - Minor. Tree is infected with ash dieback.	07/07/2023	65.3	4.6	10-20	C2
Tree T500	1 Fraxinus excelsior (Ash)	19.0	44	1	5.0		5.0		3.0		4.0		0.0		Early Mature	Structural condition Fair. Physiological condition Poor. Competition - Adjacent trees. Die-back - Upper crown. Deadwood - Minor. Tree is infected with ash dieback.	07/07/2023	87.6	5.3	0-10	U

Stem **green** Estimated value

Stem **AVE** Average stem diameter for tree groups

Stem **COM** Combined stem diameter in accordance with BS5837

L.B. Height of lowest branch attachment (m) - where relevant

The survey information in this schedule has been gathered following a BS5837 survey for planning purposes. Where hazardous trees have been noted recommendations for works may have been made but this survey cannot be relied upon as a full health and safety assessment of the trees.

230427-50 - Church of Annunciation

Tree ID	No. Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m)								Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m ²)	RPR (m)	Life expectancy (yrs)	BS Category
					N	NE	E	SE	S	SW	W	NW									
Tree T501	1 Tilia x vulgaris (Common Lime)	18.0	33	1	5.0	5.5	4.0	3.5				0.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Deadwood - Minor.	07/07/2023	49.3	4.0	20-40	B2	
Tree T502	1 Fraxinus excelsior (Ash)	15.0	34	1	5.0	5.0	2.5	5.5				3.0		Early Mature	Structural condition Poor. Physiological condition Poor. Competition - Adjacent trees. Die-back - Throughout crown. Deadwood - Major. Tree is infected with ash dieback.	07/07/2023	52.3	4.1	0-10	U	
Tree T503	1 Tilia x vulgaris (Common Lime)	15.0	33	1	5.0	5.0	5.0	6.0				0.0		Early Mature	Structural condition Fair. Physiological condition Good. Competition - Adjacent trees. Deadwood - Minor. Epicormic growth - Base.	07/07/2023	49.3	4.0	20-40	B2	
Tree T504	1 Fraxinus excelsior (Ash)	17.0	49	1	5.0	5.0	4.0	6.5				3.0		Early Mature	Structural condition Fair. Physiological condition Poor. Competition - Adjacent trees. Die-back - Upper crown. Deadwood - Minor. Tree is infected with ash dieback.	07/07/2023	108.6	5.9	10-20	C2	
Tree T505	1 Tilia x vulgaris (Common Lime)	17.0	32	1	4.0	5.0	4.0	4.0				0.0		Early Mature	Structural condition Fair. Physiological condition Good. Competition - Adjacent trees. Deadwood - Minor. Epicormic growth - Base.	07/07/2023	46.3	3.8	20-40	B2	
Tree T506	1 Fraxinus excelsior (Ash)	18.0	40	1	4.5	4.0	3.0	6.0				3.0		Early Mature	Structural condition Fair. Physiological condition Poor. Competition - Adjacent trees. Die-back - Throughout crown. Deadwood - Minor. Tree is infected with ash dieback.	07/07/2023	72.4	4.8	0-10	U	
Tree T507	1 Tilia x vulgaris (Common Lime)	18.0	36	1	4.0	6.0	4.0	5.0				0.0		Early Mature	Structural condition Fair. Physiological condition Good. Competition - Adjacent trees. Deadwood - Minor. Epicormic growth - Base.	07/07/2023	58.6	4.3	20-40	B2	
Tree T508	1 Tilia x vulgaris (Common Lime)	16.0	38	1	6.5	6.5	5.5	6.0				0.0		Early Mature	Structural condition Fair. Physiological condition Good. Competition - Adjacent trees. Deadwood - Minor. Epicormic growth - Base.	07/07/2023	65.3	4.6	20-40	B2	

Stem **green** Estimated value

Stem **AVE** Average stem diameter for tree groups

Stem **COM** Combined stem diameter in accordance with BS5837

L.B. Height of lowest branch attachment (m) - where relevant

The survey information in this schedule has been gathered following a BS5837 survey for planning purposes. Where hazardous trees have been noted recommendations for works may have been made but this survey cannot be relied upon as a full health and safety assessment of the trees.

230427-50 - Church of Annunciation

Tree ID	No. Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m)								Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m ²)	RPR (m)	Life expectancy (yrs)	BS Category
					N	NE	E	SE	S	SW	W	NW									
Tree T509	1 Acer saccharinum (Silver Maple)	10.0	53	1	6.5	6.5	5.0	6.0				1.5		Early Mature	Structural condition Fair. Physiological condition Good. Arboricultural work - Historic. Deadwood - Minor. Epicormic growth - Base. Root environment - Restricted.	07/07/2023	127.1	6.4	20-40	B2	
Tree T515	1 Acer saccharinum (Silver Maple)	14.0	62	1	5.5	7.0	7.0	7.0				1.5		Mature	Structural condition Fair. Physiological condition Good. Arboricultural work - Historic. Decay / structural defect in crown limb / limbs - Localised. Deadwood - Minor. Epicormic growth - Base. Root environment - Restricted.	07/07/2023	173.9	7.4	20-40	B2	
Tree T516	1 Acer saccharinum (Silver Maple)	15.0	63	1	7.0	9.0	9.0	8.0				1.0		Mature	Structural condition Fair. Physiological condition Good. Arboricultural work - Historic. Branch weight - Heavy. Deadwood - Minor. Fork - Weak with included bark. Root environment - Restricted.	07/07/2023	179.6	7.6	20-40	C2	
Tree T518	1 Acer saccharinum (Silver Maple)	15.0	48	1	6.0	6.5	5.5	6.5				2.0		Early Mature	Structural condition Good. Physiological condition Good. Arboricultural work - Historic. Deadwood - Minor. Foreign object - Ingrown metal. Root environment - Restricted.	07/07/2023	104.2	5.8	20-40	B2	
Tree T519	1 Acer saccharinum (Silver Maple)	13.0	48	1	5.0	5.5	6.0	6.0				2.0		Early Mature	Structural condition Good. Physiological condition Good. Arboricultural work - Historic. Bark wound - Minor. Deadwood - Minor. Foreign object - Ingrown metal. Root environment - Restricted. Rubbing limbs.	07/07/2023	104.2	5.8	20-40	B2	
Tree T719	1 Acer pseudoplatanus (Sycamore)	13.0	38	1	4.5	5.5	5.0	4.0				1.0		Early Mature	Structural condition Fair. Physiological condition Fair. Epicormic growth - Base.	07/07/2023	65.3	4.6	20-40	C2	
Tree T720	1 Acer pseudoplatanus (Sycamore)	11.0	16 COM	2	3.0	3.5	2.5	1.0				0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees.	07/07/2023	12.2	2.0	10-20	C2	
Tree T721	1 Acer pseudoplatanus (Sycamore)	12.0	41	1	5.0	5.5	5.5	5.5				2.0		Early Mature	Structural condition Fair. Physiological condition Good. Bark wound - Major. Decay / structural defect - Base.	07/07/2023	76.0	4.9	20-40	C1	

Stem **green** Estimated value

Stem **AVE** Average stem diameter for tree groups

Stem **COM** Combined stem diameter in accordance with BS5837

L.B. Height of lowest branch attachment (m) - where relevant

The survey information in this schedule has been gathered following a BS5837 survey for planning purposes. Where hazardous trees have been noted recommendations for works may have been made but this survey cannot be relied upon as a full health and safety assessment of the trees.

230427-50 - Church of Annunciation

Tree ID	No. Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m)								Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m ²)	RPR (m)	Life expectancy (yrs)	BS Category
					N	NE	E	SE	S	SW	W	NW									
Tree T722	Acer pseudoplatanus (Sycamore)	13.0	45	1	5.5		5.0		5.0		6.0		2.0		Early Mature	Structural condition Good. Physiological condition Good.	07/07/2023	91.6	5.4	40+	B1
Tree T723	1 Fraxinus excelsior (Ash)	9.0	31 COM	2	3.5		3.5		3.5		3.5		0.0		Semi Mature	Structural condition Poor. Physiological condition Fair. Inappropriate retention costs. Inappropriate species / location. No significant faults observed. Structural impact - Potential.	07/07/2023	43.8	3.7	0-10	U
Tree T724	1 Chamaecyparis sp. (False Cypress)	2.5	20	1	1.5		1.5		1.5		1.5		0.0		Early Mature	Structural condition Fair. Physiological condition Fair.	07/07/2023	18.1	2.4	10-20	C1
Tree T725	1 Chamaecyparis sp. (False Cypress)	2.5	20	1	1.5		1.5		1.5		1.5		0.0		Early Mature	Structural condition Fair. Physiological condition Fair.	07/07/2023	18.1	2.4	10-20	C1
Tree T726	1 Chamaecyparis sp. (False Cypress)	2.5	20	1	1.5		1.5		1.5		1.5		0.0		Early Mature	Structural condition Fair. Physiological condition Fair.	07/07/2023	18.1	2.4	10-20	C1
Tree T727	1 Acer platanoides (Norway Maple)	13.0	40	1	4.5		6.0		5.0		4.0		1.0		Early Mature	Structural condition Fair. Physiological condition Fair. Access to inspect base - Restricted / obscured. Decay / structural defect - Principal stems. Leaning trunk - Minor. Unable to inspect tree closely as located in neighbouring property.	07/07/2023	72.4	4.8	20-40	C2
Tree T728	1 Acer platanoides (Norway Maple)	15.0	33	1	3.5		4.0		5.0		2.0		1.5		Early Mature	Structural condition Poor. Physiological condition Fair. Access to inspect base - Restricted / obscured. Competition - Adjacent trees. Deadwood - Minor. Decay / structural defect - Principal stems. Unable to inspect tree closely as located in neighbouring property.	07/07/2023	49.3	4.0	10-20	C2
Tree T729	1 Acer platanoides (Norway Maple)	15.0	35	1	5.0		2.0		6.0		3.0		2.5		Early Mature	Structural condition Fair. Physiological condition Fair. Access to inspect base - Restricted / obscured. Competition - Adjacent trees. Deadwood - Minor. Unable to inspect tree closely as located in neighbouring property.	07/07/2023	55.4	4.2	10-20	C2

Stem **green** Estimated value

Stem **AVE** Average stem diameter for tree groups

Stem **COM** Combined stem diameter in accordance with BS5837

L.B. Height of lowest branch attachment (m) - where relevant

The survey information in this schedule has been gathered following a BS5837 survey for planning purposes. Where hazardous trees have been noted recommendations for works may have been made but this survey cannot be relied upon as a full health and safety assessment of the trees.

230427-50 - Church of Annunciation

Tree ID	No. Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m)								Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m ²)	RPR (m)	Life expectancy (yrs)	BS Category
					N	NE	E	SE	S	SW	W	NW									
Tree T730	1 Acer platanoides (Norway Maple)	16.0	40	1	6.5		4.0		6.0		4.0		2.5		Early Mature	Structural condition Fair. Physiological condition Good. Access to inspect base - Restricted / obscured. Competition - Adjacent trees. Deadwood - Minor. Fork - Weak with included bark. Unable to inspect tree closely as located in neighbouring property.	07/07/2023	72.4	4.8	20-40	C2
Tree T731	1 Acer platanoides (Norway Maple)	16.0	40	1	7.0		4.0		4.0		4.0		2.5		Early Mature	Structural condition Fair. Physiological condition Good. Access to inspect base - Restricted / obscured. Competition - Adjacent trees. Deadwood - Minor. Unable to inspect tree closely as located in neighbouring property.	07/07/2023	72.4	4.8	20-40	C2
Tree T732	1 Acer platanoides (Norway Maple)	15.0	40	1	7.0		2.5		3.0		5.5		1.5		Early Mature	Structural condition Fair. Physiological condition Good. Access to inspect base - Restricted / obscured. Competition - Adjacent trees. Deadwood - Minor. Unable to inspect tree closely as located in neighbouring property.	07/07/2023	72.4	4.8	20-40	C2

Stem **green** Estimated value

Stem **AVE** Average stem diameter for tree groups

Stem **COM** Combined stem diameter in accordance with BS5837

L.B. Height of lowest branch attachment (m) - where relevant

The survey information in this schedule has been gathered following a BS5837 survey for planning purposes. Where hazardous trees have been noted recommendations for works may have been made but this survey cannot be relied upon as a full health and safety assessment of the trees.

Category and definition	Criteria (including subcategories where appropriate)			Identification on plan
Trees unsuitable for retention (see note)				
Category U Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years	<ul style="list-style-type: none"> * Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning) * Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline * Trees infected with pathogens of significance to health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality <p>NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve; see 4.5.7</p>			RED
	1 Mainly arboricultural qualities	2 Mainly landscape qualities	3 Mainly cultural values, including conservation	
Trees to be considered for retention				
Category A Trees of high quality with an estimated remaining life expectancy of at least 40 years	Tree that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue).	Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features.	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture).	GREEN
Category B Trees of moderate quality with an estimated remaining life expectancy of at least 20 years	Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation.	Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality.	Trees with material conservation or other cultural value.	BLUE
Category C Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories.	Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits.	Trees with no material conservation or other cultural value.	GREY

230427-PD-52 - Planning Tree Works Schedule

230427-50 - Church of Annunciation

ID	No. / Species	BS5837 Category	Purpose of works Recommended works	Status
T485	1 <i>Acer pseudoplatanus</i> Sycamore	B2	To facilitate development Fell - Ground level.	Proposed
T486	1 <i>Acer pseudoplatanus</i> Sycamore	B2	To facilitate development Lift low canopy - Specified extent. Crown lift to achieve a 4.5m clearance above ground level to provide clearance for fire truck access. To facilitate development Reduce lateral limb / limbs. Prune lateral growth to provide a 2.5-3m separation from proposed building elevation.	Proposed Proposed
T487	1 <i>Acer pseudoplatanus</i> Sycamore	B2	To facilitate development Lift low canopy - Specified extent. Crown lift to achieve a 4.5m clearance above ground level to provide clearance for fire truck access.	Proposed
T488	1 <i>Acer pseudoplatanus</i> Sycamore	U	To facilitate development Fell - Ground level.	Proposed
T489	1 <i>Acer pseudoplatanus</i> Sycamore	B2	To facilitate development Lift low canopy - Specified extent. Crown lift to achieve a 3m clearance above ground level.	Proposed
T490	1 <i>Acer pseudoplatanus</i> Sycamore	C2	To facilitate development Fell - Ground level.	Proposed
T491	1 <i>Acer pseudoplatanus</i> Sycamore	C2	To facilitate development Fell - Ground level.	Proposed
T492	1 <i>Acer pseudoplatanus</i> Sycamore	C2	To facilitate development Fell - Ground level.	Proposed
T493	1 <i>Acer pseudoplatanus</i> Sycamore	C2	To facilitate development Fell - Ground level.	Proposed
T494	1 <i>Acer pseudoplatanus</i> Sycamore	B2	To facilitate development Lift low canopy - Specified extent. Crown lift to achieve a 3m clearance above ground level.	Proposed
T495	1 <i>Platanus x hispanica</i> London Plane	B2	To facilitate development Lift low canopy - Specified extent. Crown lift to achieve a 3m clearance above ground level. To facilitate development Reduce lateral limb / limbs. Prune lateral growth to provide a 2.5-3m separation from proposed building elevation.	Proposed Proposed
T496	1 <i>Fagus sylvatica</i> Common Beech	B2	To facilitate development Lift low canopy - Specified extent. Crown lift to achieve a 3m clearance above ground level.	Proposed
T497	1 <i>Fraxinus excelsior</i> Ash	C2	To facilitate development Fell - Ground level.	Proposed

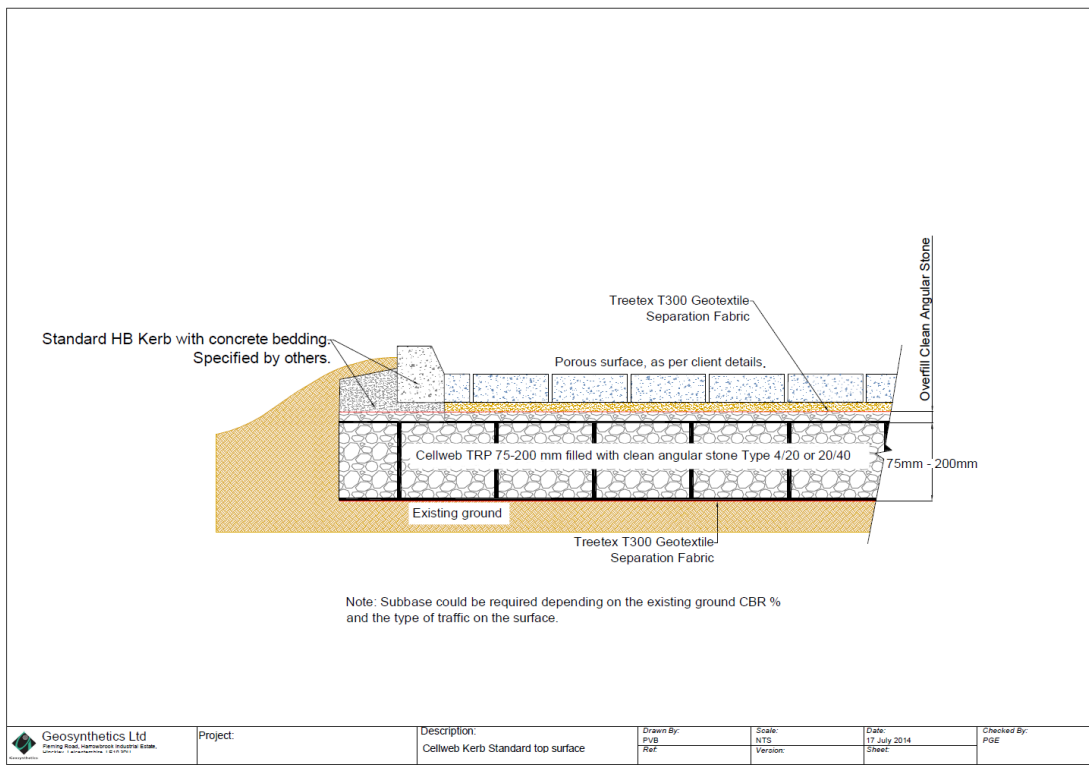
ID	No. / Species	BS5837 Category	Purpose of works Recommended works	Status
T498	1 <i>Tilia x vulgaris</i> Common Lime	B2	To facilitate development Lift low canopy - Specified extent. Crown lift to achieve a 3m clearance above ground level. To facilitate development Reduce lateral limb / limbs. Prune lateral growth to provide a 2.5-3m separation from proposed building elevation.	Proposed Proposed
T499	1 <i>Fraxinus excelsior</i> Ash	C2	To facilitate development Fell - Ground level.	Proposed
T500	1 <i>Fraxinus excelsior</i> Ash	U	To facilitate development Fell - Ground level.	Proposed
T501	1 <i>Tilia x vulgaris</i> Common Lime	B2	To facilitate development Lift low canopy - Specified extent. Crown lift to achieve a 3m clearance above ground level. To facilitate development Reduce lateral limb / limbs. Prune lateral growth to provide a 2.5-3m separation from proposed building elevation.	Proposed Proposed
T502	1 <i>Fraxinus excelsior</i> Ash	U	To facilitate development Fell - Ground level.	Proposed
T503	1 <i>Tilia x vulgaris</i> Common Lime	B2	To facilitate development Fell - Ground level.	Proposed
T504	1 <i>Fraxinus excelsior</i> Ash	C2	To facilitate development Fell - Ground level.	Proposed
T505	1 <i>Tilia x vulgaris</i> Common Lime	B2	To facilitate development Fell - Ground level.	Proposed
T506	1 <i>Fraxinus excelsior</i> Ash	U	To facilitate development Fell - Ground level.	Proposed
T507	1 <i>Tilia x vulgaris</i> Common Lime	B2	To facilitate development Lift low canopy - Specified extent. Crown lift to achieve a 3m clearance above ground level.	Proposed
T719	1 <i>Acer pseudoplatanus</i> Sycamore	C2	To facilitate development Fell - Ground level.	Proposed
T720	1 <i>Acer pseudoplatanus</i> Sycamore	C2	To facilitate development Fell - Ground level.	Proposed
T721	1 <i>Acer pseudoplatanus</i> Sycamore	C1	To facilitate development Fell - Ground level.	Proposed
T722	1 <i>Acer pseudoplatanus</i> Sycamore	B1	To facilitate development Fell - Ground level.	Proposed
T727	1 <i>Acer platanoides</i> Norway Maple	C2	To facilitate development Lift low canopy - Specified extent. Crown lift to achieve a 4.5m clearance above ground level to provide clearance for fire truck access.	Proposed
T728	1 <i>Acer platanoides</i> Norway Maple	C2	To facilitate development Lift low canopy - Specified extent. Crown lift to achieve a 4.5m clearance above ground level to provide clearance for fire truck access.	Proposed

ID	No. / Species	BS5837 Category	Purpose of works Recommended works	Status
T729	1 <i>Acer platanoides</i> Norway Maple	C2	To facilitate development Lift low canopy - Specified extent. Crown lift to achieve a 4.5m clearance above ground level to provide clearance for fire truck access.	Proposed
T730	1 <i>Acer platanoides</i> Norway Maple	C2	To facilitate development Lift low canopy - Specified extent. Crown lift to achieve a 4.5m clearance above ground level to provide clearance for fire truck access.	Proposed
T731	1 <i>Acer platanoides</i> Norway Maple	C2	To facilitate development Lift low canopy - Specified extent. Crown lift to achieve a 4.5m clearance above ground level to provide clearance for fire truck access.	Proposed
T732	1 <i>Acer platanoides</i> Norway Maple	C2	To facilitate development Lift low canopy - Specified extent. Crown lift to achieve a 4.5m clearance above ground level to provide clearance for fire truck access.	Proposed

Appendix B - Plans

Document	Reference	Revision
Tree Survey Plan	230427-P-50	-
Tree Works Plan	230427-P-51	-
Tree Protection Plan	230427-P-52	-

Appendix C – Cellular Confinement System



(Geosynthetics Limited / Web: www.geosyn.co.uk)

Appendix D – Fire Tender Sectional Drawing

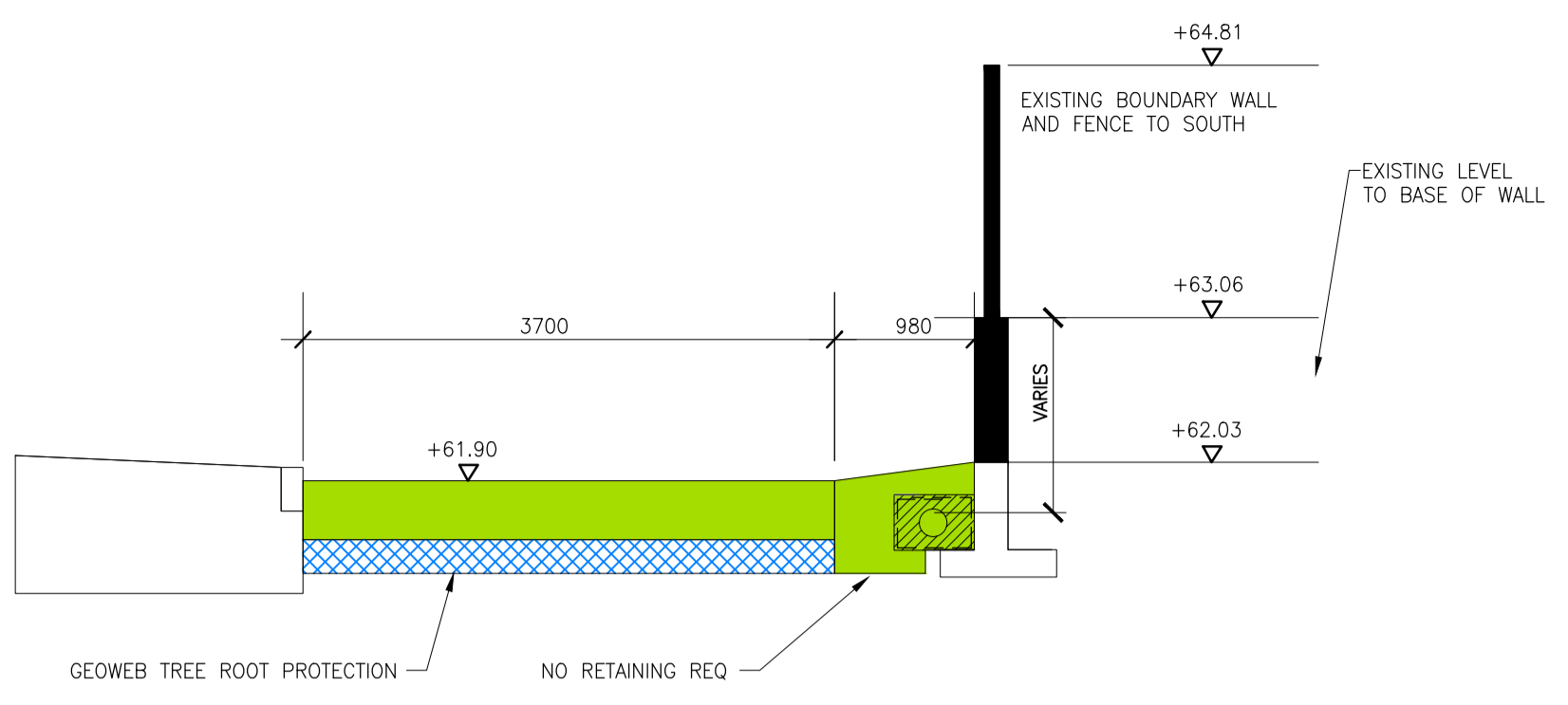
NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF MALONE O'REGAN CONSULTING ENGINEERS AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DRAWING WAS ORIGINALLY CREATED.

THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, SPECIFICATIONS AND THE PRELIMINARY HEALTH & SAFETY PLAN.

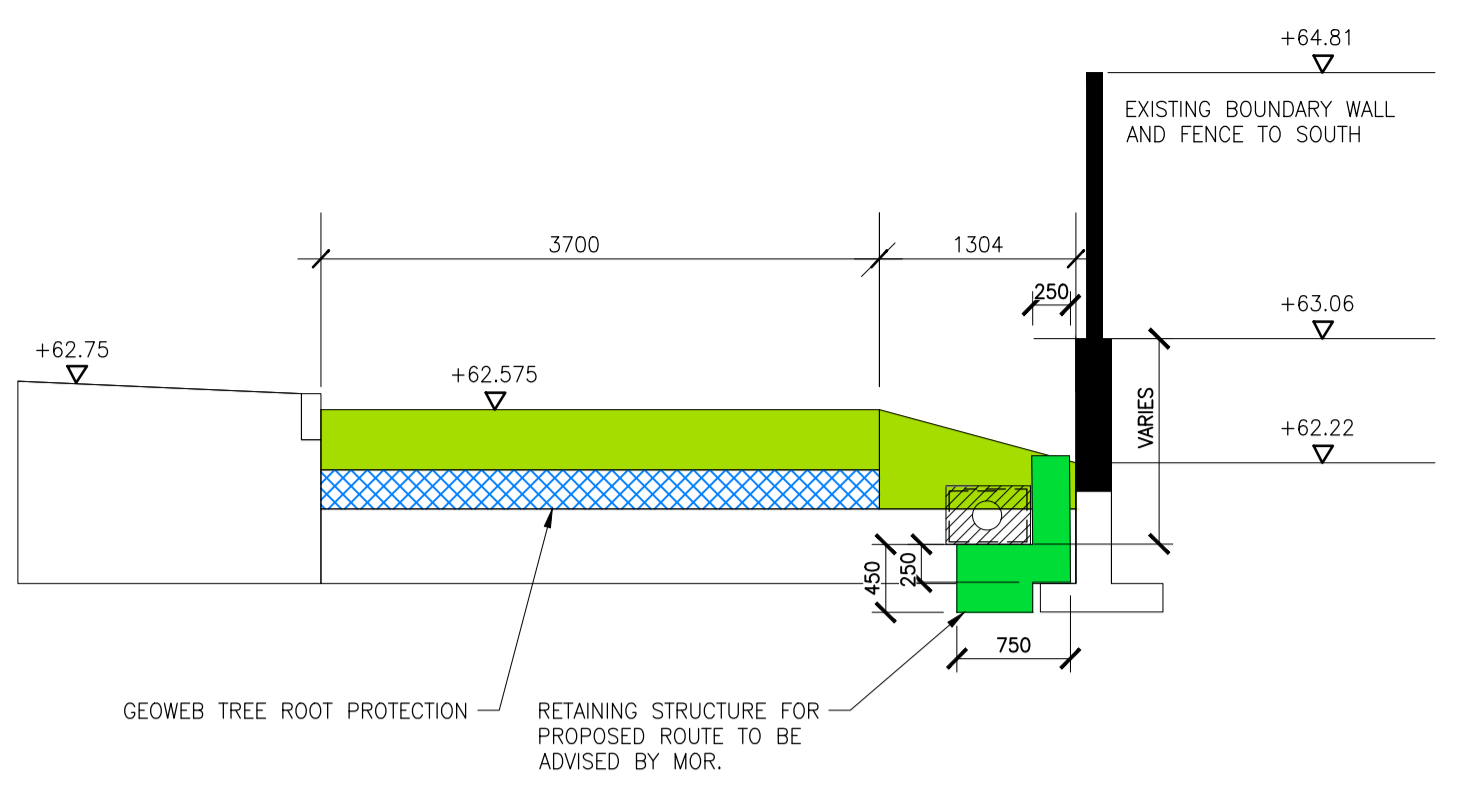
ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE. DO NOT SCALE DIMENSIONS.

THE CONTRACTOR SHALL CHECK ALL DIMENSIONS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE REPORTED TO THIS OFFICE IN WRITING.

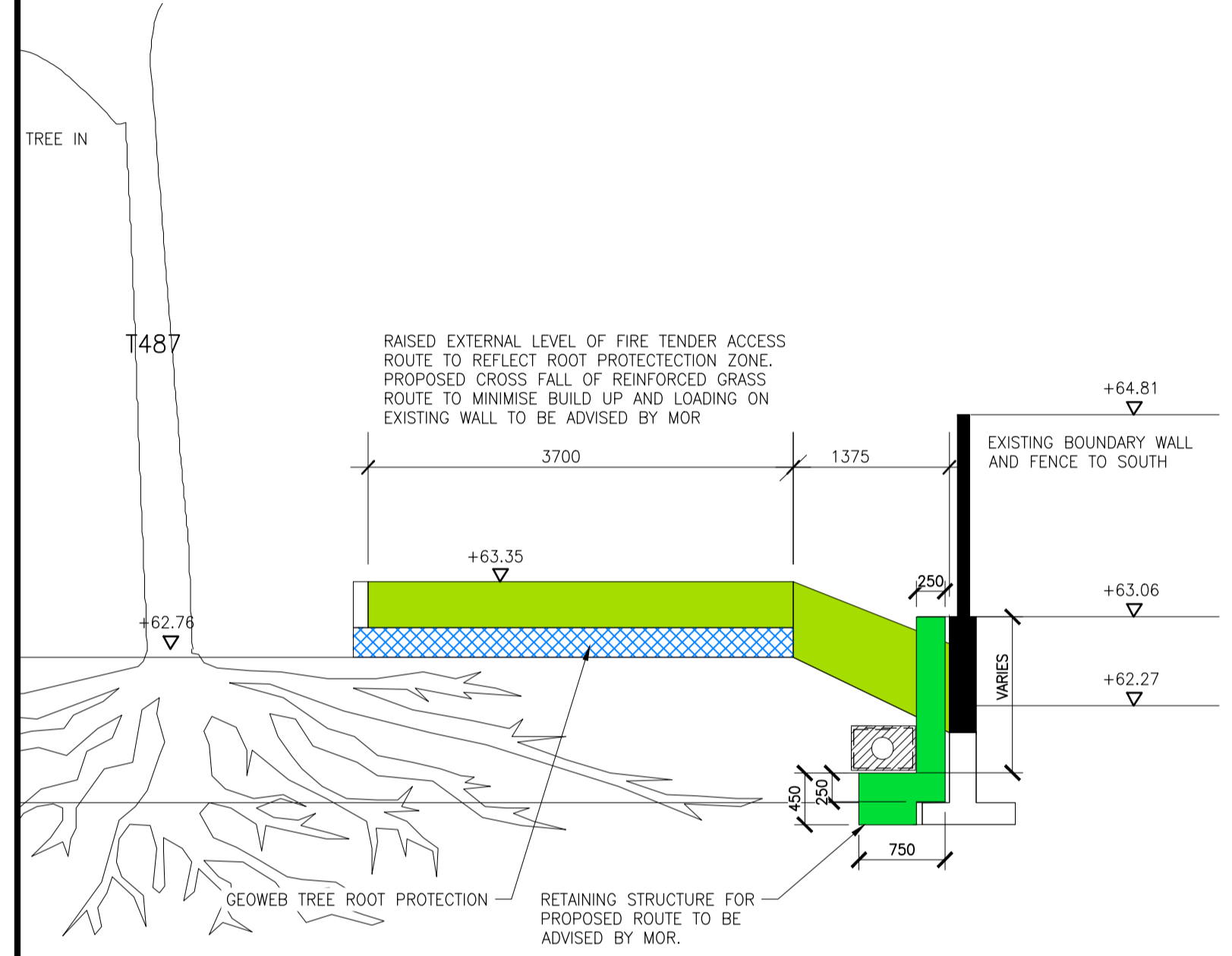
NOTES



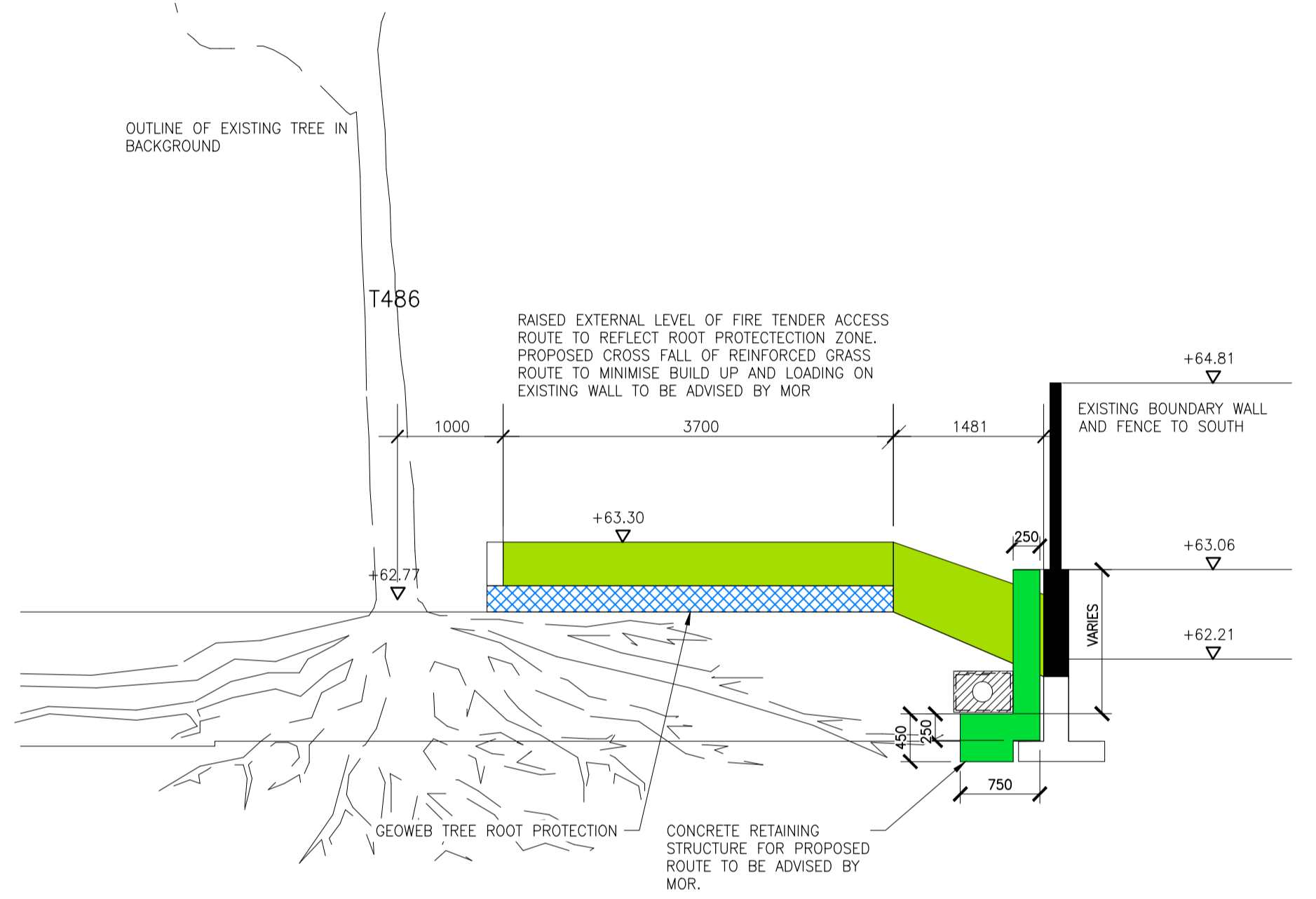
SECTION B.



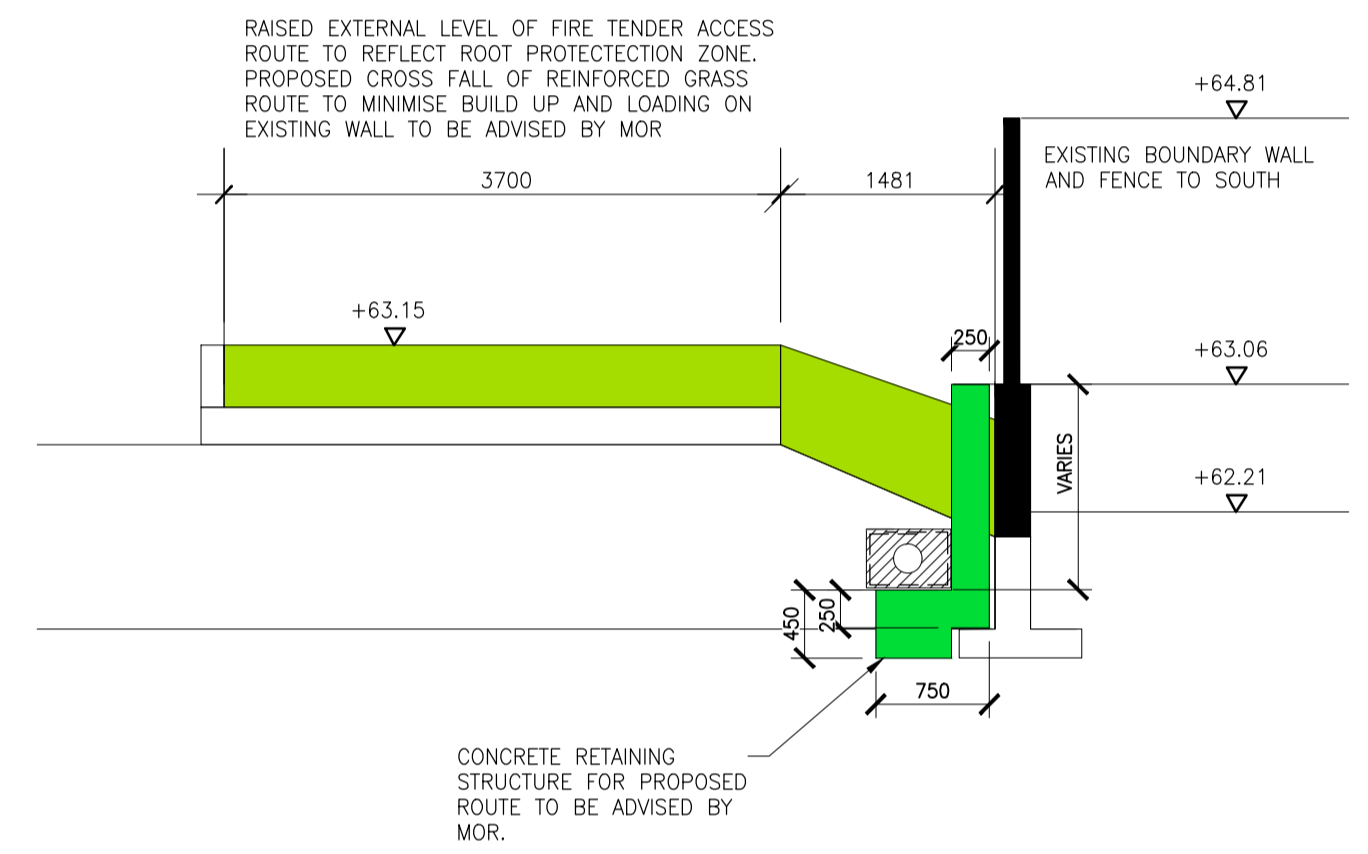
SECTION C.



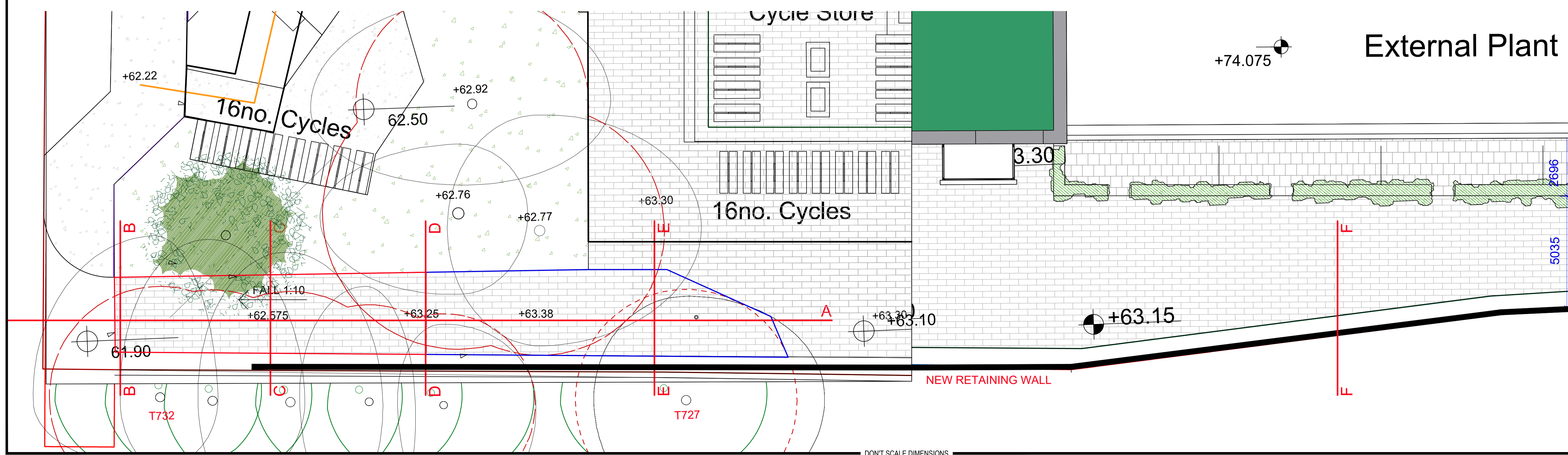
SECTION D.



SECTION E.



SECTION F.



0	ISSUED FOR INFORMATION	16-02-24	FM.				
REV	DESCRIPTION	DATE	BY	CHK			
STATUS: P3 - PLANNING							
		Unit 2B Richview Office Park, Clonskeagh, DUBLIN 14 D14 XT57 T: +353 1 260 2655 E: dublin@mor.ie W: www.maloneoregan.ie					
MALONE O'REGAN CONSULTING ENGINEERS		Offices also in: GALWAY T: +353 91 531 069 E: galway@mor.ie WATERFORD T: +353 51 876 855 E: waterford@mor.ie					
CLIENT: NDFA							
JOB NAME: CHURCH OF THE ANNUNCIATION							
DRG. NAME: TYPICAL DETAILS RETAINING,							
JOB REF	SHEET	SCALE	DATE	BY	ENG	APP	REV.
23006	A1	1:50	JAN'2024	FM	FM	ND	0
DRG. NO.: SHB5-CAF-DR-MOR-CS-P3-152							

Address: 12 Churchfield Grove, Ashbourne, Co. Meath

Email: charles@cmarbor.com

Tel: +353 85 843 7015

Web: www.cmarbor.com