

Legend

tree number, common name, tag number, root protection area (RPA) for retained trees, indicative crown spread based on measurements at cardinal points (N.S.E.W). Trees for removal shown in red canopy outline, British Standard category as colour coded circle, root protection area (RPA) radius in metres.

*where the tree is multi stemmed, the figure stated is the calculated combined stem diameter, as recommended by BS5837:2012 (unless otherwise stated in the drawing).

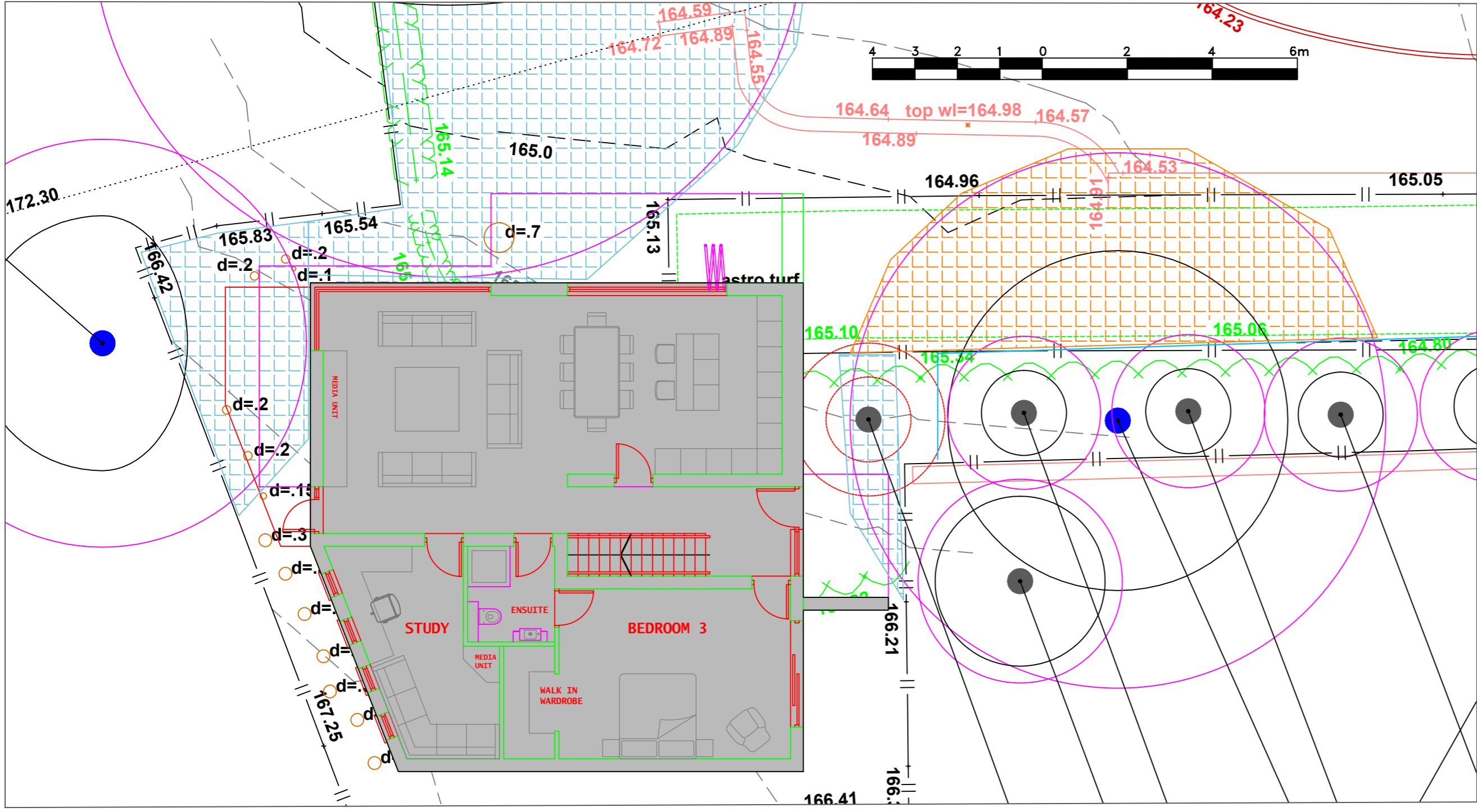
NORTH

Protective fencing to BS5837:2012. Refer to BS5837 figure 2 and figure 3 as appropriate.

Precautions will be required during demolition to prevent damage to RPA and above ground parts of trees. Protective fencing may be relaxed to undertake operations following approval by project arborist and should be replaced once operation is completed. Refer to relevant sections of arboricultural impact appraisal and method statement.

Space restrictions will require ground protection capable of supporting the level of construction traffic entering the area (refer to guidance in text box within drawing). Refer to relevant sections of arboricultural impact appraisal and method statement.

Default specification for protective barrier



Ground protection specification for different levels of construction traffic (after BS5837:2012):

- Pedestrian movements - scaffold boards placed either on top of a driven scaffold frame to form a suspended walkway; or on top of a compression resistant layer of 100 mm depth of woodchip, laid onto a geotextile membrane;
- Plant (pedestrian operated up to 2 t gross weight) - proprietary, inter linked ground protection boards placed upon a compression resistant layer of 150 mm depth of woodchip, laid onto a geotextile membrane;
- Construction traffic (wheeled or tracked exceeding 2 t gross weight) - an alternative system (e.g. proprietary systems or pre cast reinforced concrete slabs) to an engineering specification designed in conjunction with the project arboricultural consultant, to accommodate the expected loading

Tree No	Common Name	Stem Dia	Category	RPA Radius	RPA Area
1	Horse Chestnut	0.75	B1	RP4.9m	254.47
2	Beech	0.8	C1	RP4.9.6m	289.53
3	Oak	0.65	B1	RP4.7.8m	191.13
4	Beech	0.42	C1	RP4.5.1m	81.71
5	Beech	0.65	B1	RP4.7.8m	191.13
6	Lime	0.5	B1	RP4.6m	113.1
7	Conifer	0.15	C1	RP1.8m	10.18
8	Lime	0.53	B1	RP4.6.3m	124.69
9	Cherry	0.2	C1	RP2.4m	18.1
10	Pine	0.4	B1	RP4.4.8m	72.38
11	Horse Chestnut	0.71	B1	RP4.8.4m	221.67
12	Sycamore	0.42	B1	RP4.5.1m	81.71

BS5837:2012 Cascade chart for tree quality assessment

Category & Definition	Criteria (including subcategories where appropriate)	Identification on plan
Trees unsuitable for retention		
Category U	<ul style="list-style-type: none"> Trees that have a serious, irreparable, structural defect, such that their only use is expected due to collection providing them that they cannot realistically be retained as living trees in the context of the current best use for the site (10 years) Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline Trees affected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees supporting adjacent trees of better quality 	Red on plan RGB 127,0,0
Trees to be considered for retention		
Category A	<ul style="list-style-type: none"> 1. Mainly arboricultural qualities 2. Mainly landscape qualities 3. Mainly cultural values, including conservation 	
Category B	<ul style="list-style-type: none"> Trees of high quality with an estimated remaining life expectancy of at least 40 years Trees that are particularly good examples of their species, especially if rare or unusual, or those that are essential components of groups or formal or informal structural features (e.g. the dominant and/or principal trees within an avenue) Trees that might be included in category A, but are designated because of prepared condition (e.g. presence of significant though remediable defects, such that they attract a higher collective value than they would otherwise have, including unrepresentative past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years, or trees lacking the specific quality necessary to meet the category A designation 	Light Green RGB 12,255,1
Category C	<ul style="list-style-type: none"> Trees of moderate quality with an estimated remaining life expectancy of at least 20 years Unremarkable trees of very limited value but which conform to their species in groups or woodlands, but do not qualify in higher categories Trees present in groups or woodlands, but without this conforming to their species in groups or woodlands, but which offer a greater collective landscape value and/or trees offering low or only temporary landscape benefits Trees with no important conservation or other cultural value 	Grey RGB 191,191,191

TREE PROTECTION PLAN

PROJECT:	Barcroft, Carr Road, Blackburn
JOB REF:	0957
FIGURE REF:	0957/TCP/001
DRAWN BY:	Gary Marsden
SCALE:	1:200 @ A2 (with insert 1:100 @ A2)
DATE OF DRAWING:	19th June 2017
REVISION NUMBER:	1

Drawing to be read in association with arboricultural impact appraisal and method statement. If in any doubt, details should be confirmed with project arboricultural consultant prior to commencement. Any work within root protection areas of trees should only commence following briefing from project arboricultural consultant.

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16, Fairfield Drive, Lower Darwen, Darwen, Lancashire, BB3 0RJ
Tel: 07761667384 Email: gary@gmtreeconsultants.co.uk