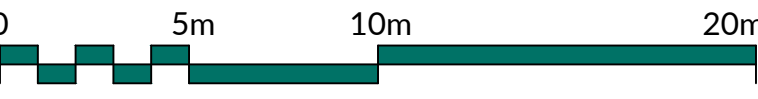
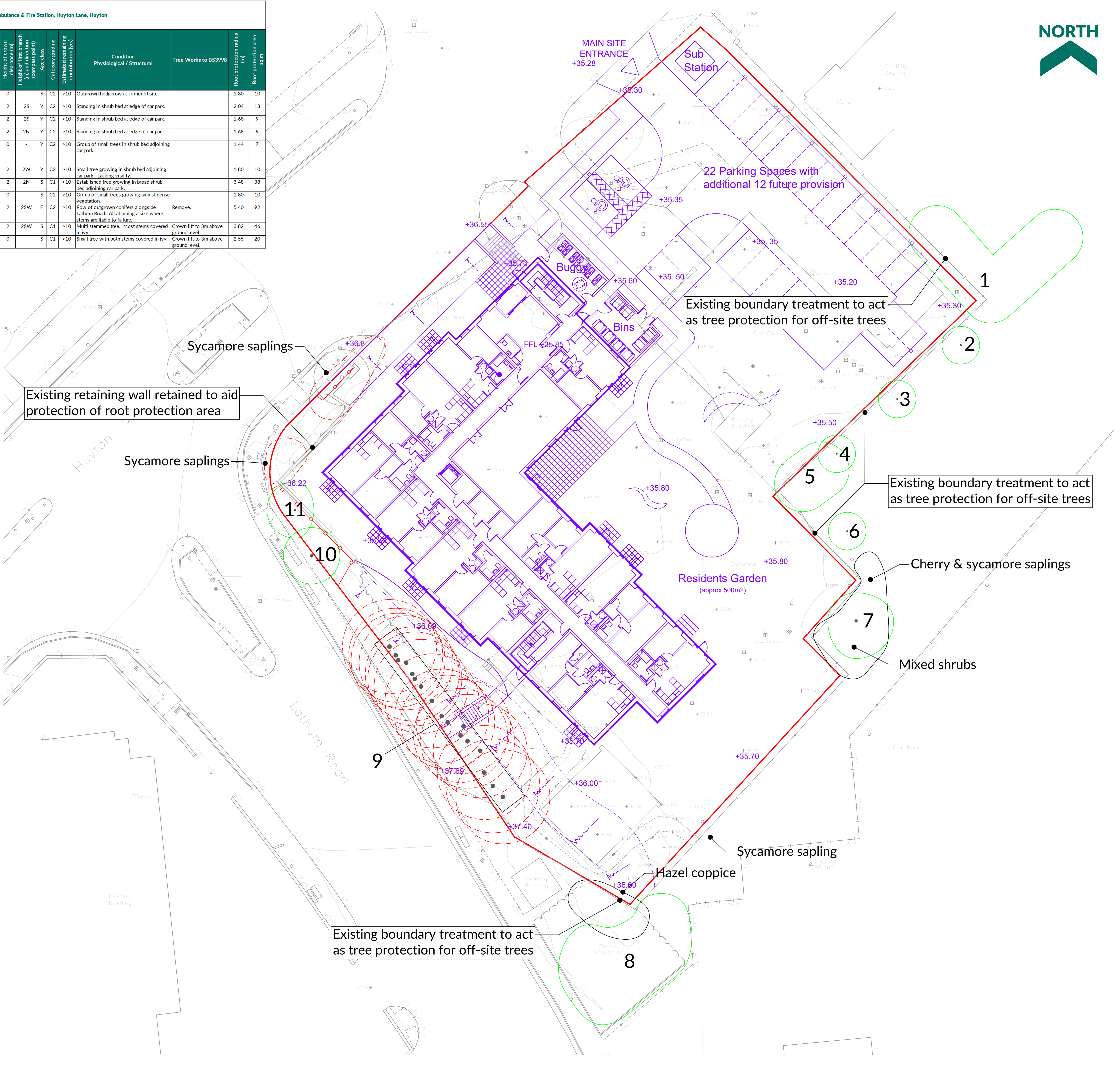
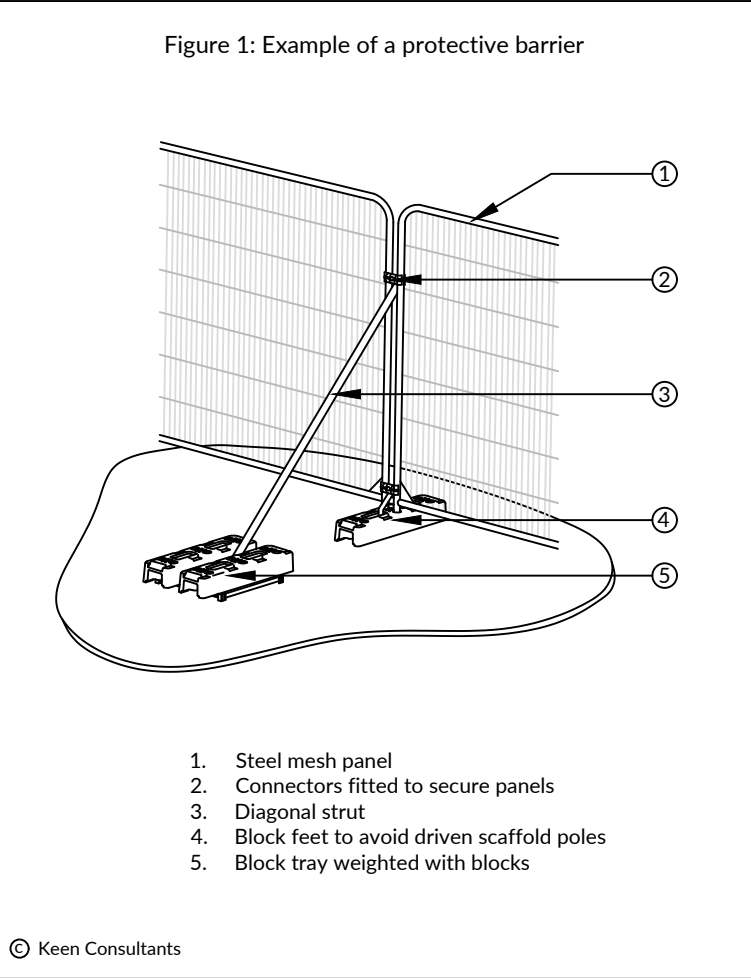


Trees at former Ambulance & Fire Station, Huyton Lane, Huyton																							
Tree No.	Species	Ht (m)	Branch Spread (m)				Stem diameters (cm)							Height of crown clearance (m)	Height of first branch (m) and direction (compass point)	Age class	Category grading	Estimated remaining contribution (yrs)	Condition Physiological / Structural	Tree Works to BS3998	Root protection radius (m)	Root protection area sq.m	
							Single Stem	2-5 stems				More than 5 stems											
			Stem 1	Stem 2	Stem 3	Stem 4		Stem 5	Mean dia														
1	Leyland cypress hedge	9av				3av	15av							0	-	S	C2	>10	Outgrown hedgerow at corner of site.		1.80	10	
2	Swedish whitebeam	6	2	2	2	2	17							2	2S	Y	C2	>10	Standing in shrub bed at edge of car park.		2.04	13	
3	Swedish whitebeam	6	2	2	2	2	14							2	2S	Y	C2	>10	Standing in shrub bed at edge of car park.		1.68	9	
4	Swedish whitebeam	5	2	2	2	2	14							2	2N	Y	C2	>10	Standing in shrub bed at edge of car park.		1.68	9	
5	Group of sycamore and Swedish whitebeam	7av				3av	12av							0	-	Y	C2	>10	Group of small trees in shrub bed adjoining car park.		1.44	7	
6	Swedish whitebeam	5	2	2	2	2	15							2	2W	Y	C2	>10	Small tree growing in shrub bed adjoining car park. Lacking vitality.		1.80	10	
7	Silver birch	12	3	4	4	3	29							2	2N	S	C1	>10	Established tree growing in broad shrub bed adjoining car park.		3.48	38	
8	Group of sycamore	10av				3av	15av							0	-	S	C2	>10	Group of small trees growing amidst dense vegetation.		1.80	10	
9	Row of Leyland cypress	13av				5av	45av							2	2SW	E	C2	>10	Row of outgrown conifers alongside Lathom Road. All attaining a size where stems are liable to failure.	Remove.	5.40	92	
10	Sycamore	5	3	3	3	3							13av	6	2	2SW	S	C1	>10	Multi stemmed tree. Most stems covered in ivy.	Crown lift to 3m above ground level.	3.82	46
11	Sycamore	5	3	2	3	3		15e	15e					0	-	S	C1	>10	Small tree with both stems covered in ivy.	Crown lift to 3m above ground level.	2.55	20	



NOTES

- This tree survey information has been prepared for planning purposes only. Additional detail will be needed for foundation design.
- The original of this drawing was produced in colour - a monochrome copy should not be relied upon.
- Scale for planning purposes only.
- All dimensions to be checked on site.
- The copyright of this document resides with Keen Consultants unless assigned in writing by the company.
- Details shown on this drawing are devised with reference to BS5837:2012 Trees in relation to design, demolition and construction Recommendations.
- Check if Tree Preservation Order or Conservation Area protection applies to trees before undertaking tree works.
- Topographical survey based on Stamford Geomatics Ltd drawing number 2639/001.
- Where trees were not identified on the topographical survey they have been plotted by eye.
- Proposed Site Plan based on Bright Space Architects project/drawing number 22053/1002 Rev C.

KEY

- Existing site features
- Proposed structures
- Trees retained (Green-coloured line indicates extent of canopy)
- Trees for removal (Red-coloured dash line indicates extent of canopy)
- 2.0m high barrier as detail in Figure 1

KEY TO TREE SCHEDULE

Column Heading	Explanation
Tree No.	Unique number corresponding with number on plan
Species	English names
Ht (m)	Height in metres
Branch Spread	Crown radius in metres to cardinal points of the compass
Stem Dia	All measurements conform to Annex C of BS 5837:2012
	Single stem - Stem diameter in centimetres measured at 1.5m above ground level.
	Multi-stemmed tree with 2 to 5 stems - Diameter of each stem
	Multi-stemmed tree with more than 5 stems - Average stem diameter and number of stems
Height of crown clearance	Height in metres between the ground and underside of canopy
Height of first major branch and direction of growth	Height from ground level to base of first major branch and the approximate direction of growth of growth
Abbreviations as suffix to a dimension	Suffix 'e' denotes an estimated dimension
Age Class	Age Class definitions: Y = Young S = Semi-mature E = Early mature M = Mature O = Over mature Summary of BS 5837: 2012 categorisation:
Category grading and Estimated remaining Contribution (yrs)	1. Trees unsuitable for retention: 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 2. Trees to be considered for retention: A1, 2 or 3 = trees of high quality (substantial contribution >40 yrs) B1, 2 or 3 = trees of moderate quality (significant contribution >20 yrs) C1, 2 or 3 = trees of low quality (but adequate, ie >10 yrs or young trees - until new planting can be established) Note: Useful estimated remaining contribution of the tree or tree group based on figures stated in BS5837:2012
Estimated remaining contribution	Brief description including physiological and structural defects
Condition	Works required to be undertaken to the trees to facilitate the construction of remediate a defect encountered during the survey
Tree Works	Radius of minimum root protection area in metres calculated from section 4.6 and Annex D of BS5837:2012
Root Protection Radius	Total area of minimum root protection area extrapolated from root protection radius
Root Protection Area	

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Client
McCARTHY STONE

Project
FORMER AMBULANCE & FIRE STATION,
HUYTON LANE, HUYTON

Title
TREE PROTECTION PLAN

Date
JAN 2023

Scale
1:200@A1

Drawn by
ML

Checked by
JTK

Drawing Number

2037-KC-XX-YTREE-TPP01Rev0