SURVEY OF TREES AT HAYLING BILLY PUB, 117 ELM GROVE, HAYLING ISLAND

Tree No.	Species	Ht (m)	Branch Spread (m) N	E	S	W	Stem diameters (cm) Single Stem	2-5 stems Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	More than 5 stems Mean dia.	No. stems	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 BS 3998	Root protection radius (m)	Root protection area sqm
1	English Oak	15	5	6	4	6	43								5	5SW	E	A1	>40	Established tree growing in corner by buildings. Several low branches have been removed in recent years.		5.16	84
2	Lime	15	6	4	6	7	58								3	3E	E	A1	>40	Broad spreading visually significant tree. Previously pollarded at circa 3.5m above ground level and subsequently re-grown. Some lower branches have been removed in recent years.		6.96	152
3	Lime	15	7	7	6	3	56								6	6E	E	A1	>40	Visually significant tree. Appears to have been pollarded at circa 3.5m above ground level and subsequently re-grown. Several lower branches have been removed in recent years.		6.72	142
4	Lime	10	5	6	5	4		19	44						2	2NW	S	B2	>20	Prominent tree growing in line of others of similar size. Provides screening between site and car park.	Crown lift to 3m over garden.	5.75	104
5	Row of Hawthorn	7av			3av		12a v								2	2S	S	C2	>10	Row of small trees having probably been planted as a hedge and since outgrown.		1.44	7
6	Lime	12	6	5	6	6	42								2	2SW	S	B2	>20	Prominent tree growing in line of others of similar size. Provides screening between site and car park.	Crown lift to 3m over garden.	5.04	80
7	Lime	12	6	6	7	6	42								3	3S	S	B2	>20	Prominent tree growing in line of others of similar size. Provides screening between site and car park.	Crown lift to 3m over garden. Prune to give 2m clearance from building.	5.04	80
8	Lime	10	6	6	7	6	44								2	2NW	S	B2	>20	Prominent tree growing in line of others of similar size. Provides screening between site and car park.	Crown lift to 3m over garden. Prune to give 2m clearance from building.	5.28	88
9	Lime	11	6	4	4	5	37								2	2SW	S	B2	>20	Prominent tree growing in line of others of similar size. Provides screening between site and car park.	Crown lift to 4m over car parking,.	4.44	62
10	Lime	11	5	5	5	4	31								2	2NE	S	B2	>20	Prominent tree growing in line of others of similar size. Provides screening between site and car park. Ivy clad crown from circa 1.5m above ground level.	Crown lift to 4m over car parking,.	3.72	43
11	Lime	10	4	2	5	5	34								2	2S	S	B2	>20	Prominent tree growing in line of others of similar size. Provides screening between site and car park.		4.08	52
12	Pair of Cherry	9av			5av		35a v								2	2N	S	C2	>10	Pair of close growing stems in verge of adjoining car park. Some black exudation associated with bacterial canker.		4.20	55
13	Maritime Pine	13	4	7	9	5	69								3	6S	E	A1	>40	Visually significant tree growing in grass verge joining St Mary's road. Remnants of dead ivy on upper main stem. Some ivy re-growth on lower stem.	Crown lift to 4m over car parking,.	8.28	215

Key to Schedule of Trees

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
Abbreviations as suffix to a dimension	Suffix 'e' denotes an estimated dimension Suffix 'av' denotes an average dimension
Age Class	Age Class definitions: Y = Young S = Semi-mature E = Early mature M = Mature O = Over mature
Category grading and Estimated remaining Contribution (yrs)	Summary of BS 5837: 2012 categorisation: 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 that 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) Useful estimated remaining contribution of the tree or tree group
Condition	Brief description including physiological and structural defects
Tree Works	Works required to be undertaken to the trees to facilitate the construction of remediate a defect encountered during the survey
Root Protection Radius	Radius of minimum root protection area in metres calculated from section 4.6 and Annex D
Root Protection Area	Total area of minimum root protection area extrapolated from root protection radius

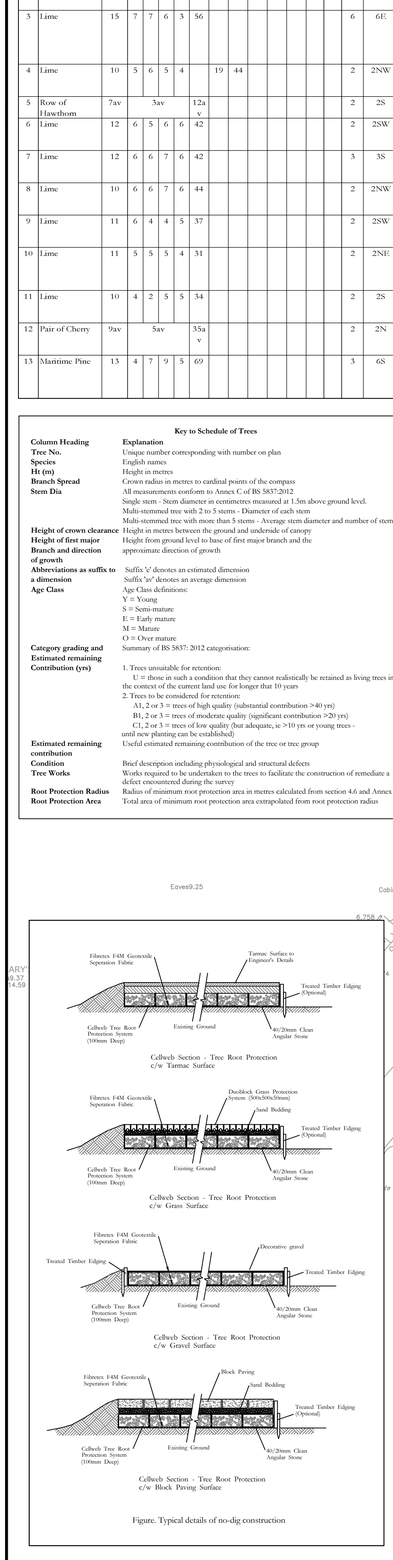


Figure. Typical details of no-dig construction

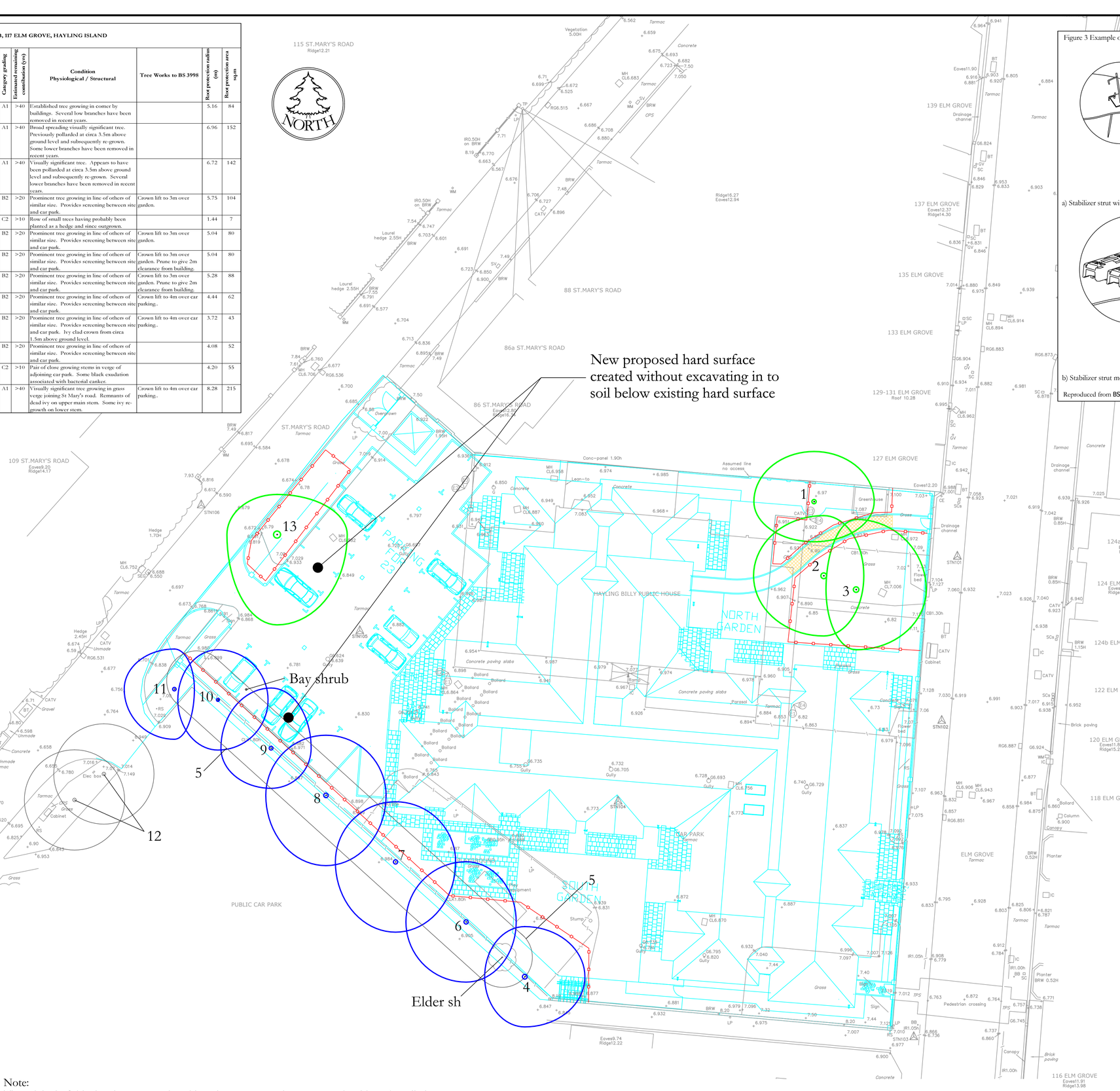
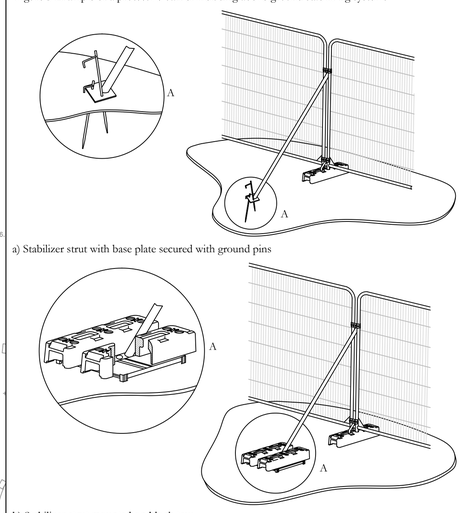


Figure 3 Example of a protective barrier including above-ground stabilizing systems



a) Stabilizer strut with base plate secured with ground pins

b) Stabilizer strut mounted on block tray

Reproduced from BS 5837:2012 Trees in relation to design, demolition and construction - Recommendations

Key:

- Existing site features
- Proposed structures
- Trees retained
- 2.0m high barrier as detail in Fig 3
- Minimum extent of no-dig construction. Actual deployment may be greater.

0 5m 10m 20m

Note:
The original of this drawing was produced in colour - a monochrome copy should not be relied upon.

Topographical Survey based on The Meon Survey Partnership LTD drawing number M1565.

Proposed Site Plan based on HGP Architects drawing number SO_2267_02_AC_010 Rev A.

CLIENT: McCarthy & Stone

PROJECT: Hayling Billy Pub, 117 Elm Grove, Hayling Island

TITLE: Tree Protection Plan

DRAWING NUMBER: 9030/02

STATUS: For Information

DATE: May 2016 | SCALE: 1:200 @ A1

DRAWN BY: ML | CHECKED BY: JTK

Do not scale from this drawing: All dimensions to be checked on site

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