

ARBORICULTURAL REPORT

CONTENTS:

1. INTRODUCTION
2. TREE SURVEY
3. ARBORICULTURAL IMPLICATIONS & IMPACT ASSESSMENT
4. TREE PROTECTION

1. INTRODUCTION

Background: LSDP were appointed to prepare an Arboricultural Survey & Report, to satisfy Local Authority requirements in respect to the proposed erection of a detached dwelling on land off Coram Street, Hadleigh. The report is based on survey information collected in October 2023.

The Site: The site comprises a parcel of garden curtilage to the north of Coram Street and bordered to the north by a bund screening the A1071, to the east by arable land and to the south and west by domestic curtilage.

2. TREE SURVEY

Generally: The trees were appraised in accordance with BS5837:2012 and survey details of one individual tree and two groups were recorded; the individual tree is a mature ash of high landscape value (A2 category), but recorded as 'B2' category (moderate landscape value), due to its anticipated remaining contribution being less than 40 years. The other trees are a mix of black poplar growing from suckers in the hedge-line to the east and Austrian pine planted in an informal group to the south of the site; these are of no special arboricultural, landscape, or cultural value and are therefore recorded as 'C' category (low value).

3. ARBORICULTURAL IMPLICATIONS & IMPACT ASSESSMENT

Removal of trees: It is recommended that the poplar closest to the proposed dwelling (part of G1) is removed, because the species is not suited for long term retention in close proximity to a dwelling. The removal of this tree will have no adverse impact on the surroundings.

Encroachment into Root Protection Areas (RPAs): The proposal does not encroach into RPAs and allows space for default tree protection to be implemented in accordance with BS5837: 20012.

Proximity of Dwellings to Tree canopies: The proposed layout allows adequate space around trees indicated for retention, to accommodate future growth and minimise potential issues with shading / perception of hazard in relation to dwellings and amenity space.

4. TREE PROTECTION

Generally

Before any machinery or materials are brought onto site and before any demolition, development or stripping of soil commences, The Root Protection Area (RPA) indicated on the drawing shall be set out and Protective Barriers and Ground protection installed as shown on the drawing. The Protective Barriers and Ground Protection shall not be removed or altered without prior recommendation by an arboriculturist and approval of the local planning authority.

Protective Barriers

Protective Barriers shall be erected to prevent access into designated areas around retained trees. Once installed, all weather notices shall be attached to each barrier with words such as: "Construction Exclusion Zone – No Access". Protective Barriers shall be erected in accordance with BS5837: 2012 Fig 2.

The areas protected by barriers shall be subject to the following restrictions:

- Existing soil levels within the protected areas shall not be altered
- No excavation of any kind shall take place within the protected areas.
- The protected areas shall not be used for storage of any kind
- No vehicles or machinery shall be allowed into the areas protected by barriers
- Should the developer require the above restrictions to be breached for unforeseen reasons, an appropriate method of works must be agreed with the Local Authority prior to any works taking place within the protected areas.

TREE SURVEY SCHEDULE

Ref	Species	Stem Dia (mm)	Stems	Height (m)	Can. clear (m)	Br. clear (m)	Age Class	Physiology	Structural Condition	Arboricultural Value	Landscape Value	Cultural / Conservation Value	General observations	Useful Life	Grade
T1	Ash	800	1	15	3	7W	M	N	F	L	H	H	Mature tree in in gravel driveway. Large cavity with decay on western side of stem base	20+	B2
G1	Poplars	200	1	8 14	2	N.A	Y	N	F	L	L	L	Trees planted along hedgeline on east side of site	40+	C2
G2	Austrian Pine & Larch	300	1	5 11	2	N.A	Y	N	F	L	L	L	Conifers on edge of lawn area	40+	C2

NOTES & ABBREVIATIONS:

Age Class: Y (Young) – Less than 1/3 of life completed, M (Middle Aged) 1/3 - 2/3 of life completed, M (Mature) – more than 2/3 of life completed, OM (Over Mature) - more than 2/3 of life completed and declining, V (Veteran) – Veteran trees have no precise definition but are trees considered to be of biological aesthetic or cultural value because of their age.

Physiology: N - Normal, P - Poor, D - Dying. Given relative to species, age and location.

Structural Condition: G (Good) – No, or remediable physical defects or decay, F (Fair) - Physical defects or decay present, risk of failure of stem or large limbs within twelve months considered to be low. P (Poor) - Physical defects or decay present, risk of failure of stem or large limbs within twelve months considered to be high.

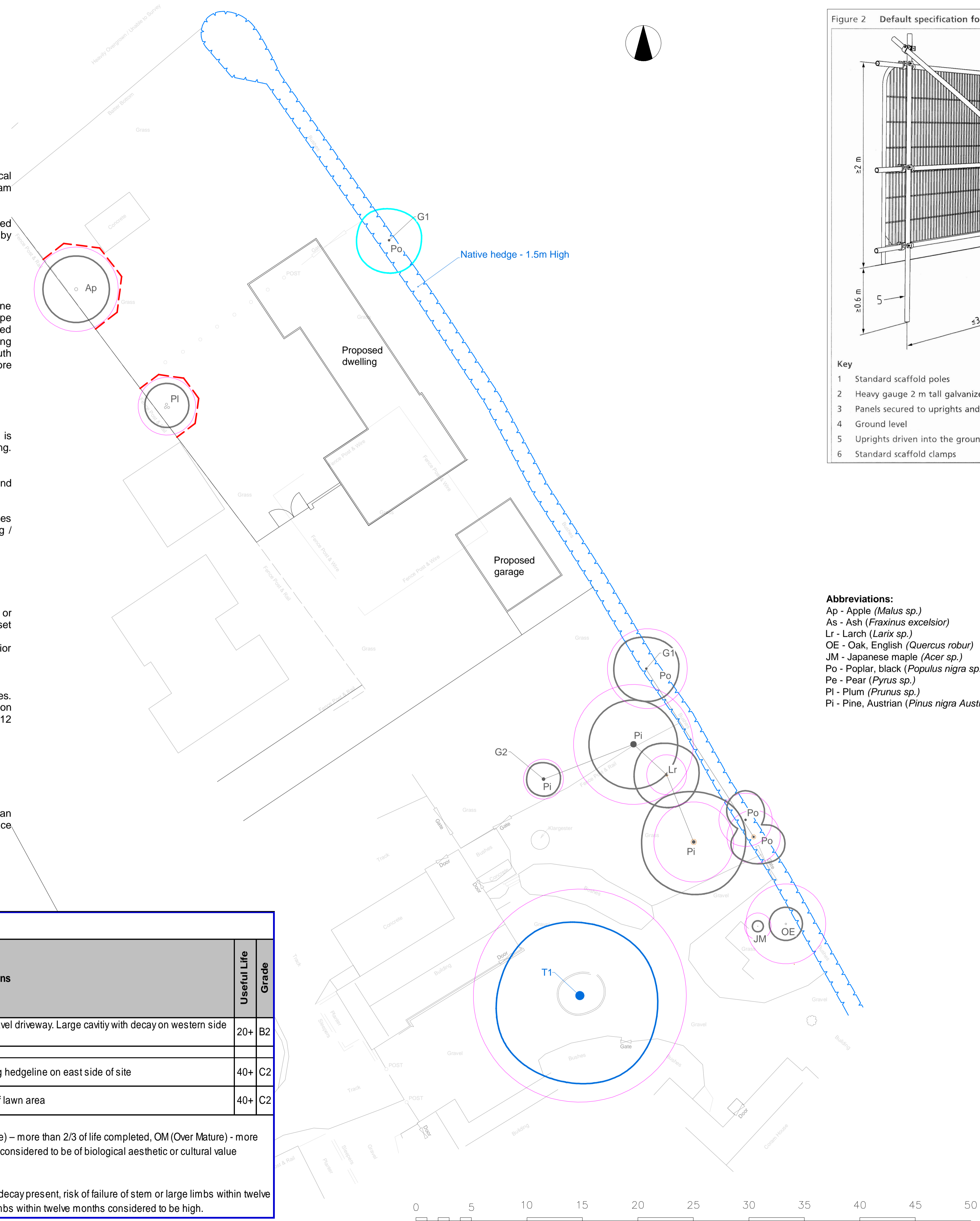
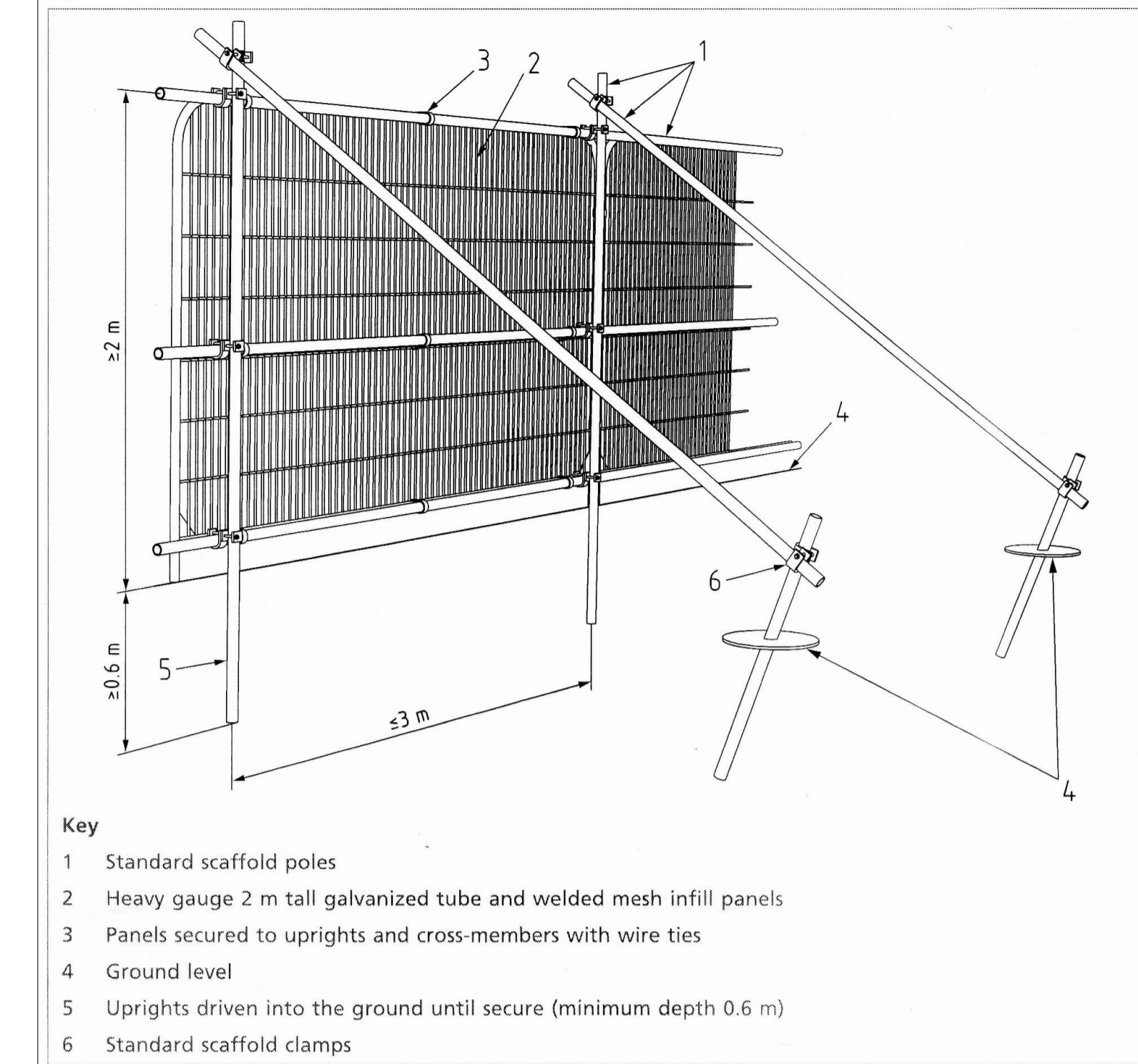


Figure 2 Default specification for protective barrier



- Key**
- 1 Standard scaffold poles
 - 2 Heavy gauge 2 m tall galvanized tube and welded mesh infill panels
 - 3 Panels secured to uprights and cross-members with wire ties
 - 4 Ground level
 - 5 Uprights driven into the ground until secure (minimum depth 0.6 m)
 - 6 Standard scaffold clamps

Abbreviations:

- Ap - Apple (*Malus sp.*)
- As - Ash (*Fraxinus excelsior*)
- Lr - Larch (*Larix sp.*)
- OE - Oak, English (*Quercus robur*)
- JM - Japanese maple (*Acer sp.*)
- Po - Poplar, black (*Populus nigra sp.*)
- Pe - Pear (*Pyrus sp.*)
- Pi - Plum (*Prunus sp.*)
- Pi - Pine, Austrian (*Pinus nigra Austriaca*)

KEY

- 'B' Category Tree / Hedge
- 'C' Category Tree / Hedge
- Root Protection Area (RPA)
- Tree to be removed
- Tree Protection Barrier: To be weldmesh panels installed in accordance with BS 5837: 2012 Fig 2

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

Revisions :
A - 07.11.23 Key corrected

Land & Sculpture Design Partnership
LANDSCAPE ARCHITECTURE · SCULPTURE · ARBORICULTURE

SITE : Coram House, Coram Street, Hadleigh
DRG : Tree Survey, AIA & Protection Plan
DRN BY : GH
SCALE : 1:250 @ A1
DATE : October 2023
No : LSDP 1907.01 Rev A

OCTAGON HOUSE · THE WATER RUN · HITCHAM · IPSWICH · IP7 7LN
T : 01449 740272 · E : LSDP@btinternet.com