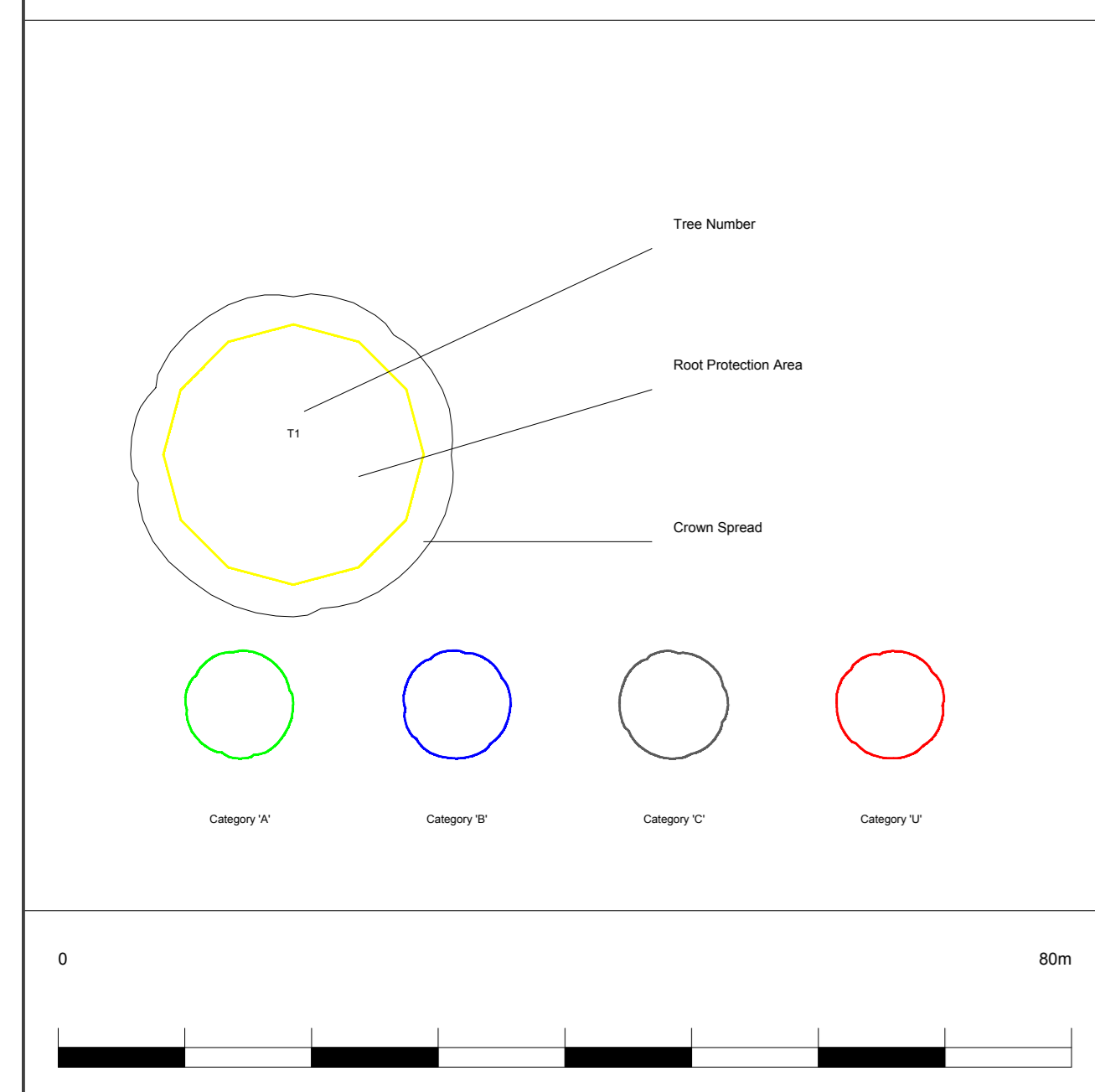


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**KEY**

--- Trees To Be Removed    - - - - Tree Protection Fence

**PROJECT RADIAL  
FAST - 2A**

**TREE PROTECTION PLAN**

SCALE : 1 : 500    @ A0    DATE : 16/04/2019

MAP FILENAME : FAST 2A Tree Constraints Plan

Higginson Associates  
Arboricultural & Woodland Consultants

# **Appendices**

## **Appendices A – Pre-Development Tree Survey**

## APPENDICES A

In conforming to the guidelines of BS5837 : 2012, the following details were recorded:

Tree No.	Cross-referenced to the tree survey plan
Species	Common names used
Height in metres	Approximately measured on site
Stem Diameter	Taken in millimetres at 1.5m from ground level where Applicable
Branch Spread	Taken at the four cardinal points to derive a more accurate representation of the tree canopy, N,E,S,W.
Crown Clearance	Height in metres of branches from the ground
Age Class	Y =Young, SM = Semi-Mature, EM = Early-Mature, M = Mature, OM =Over-Mature
Physiological Condition	G =Good, F =Fair, P =Poor, D =Dead
Structural Condition /Comments	e.g. Collapsing, the presence of any decay and physical defect, or any other useful comments/observations
Preliminary Management Recommendations	Work required before commencing on-site
Remaining Contribution In years;	less than 10, 10-20, 20-40, more than 40
Grading Category	U (remove), A (high quality), B (medium quality) or C (low quality)
	Sub-Categories
	1 = mainly arboricultural qualities
	2 = mainly landscape qualities
	3 = mainly cultural values
	Assessed by visual inspection, taking into account species, age, condition, location and suitability.

Site:	Project Radial - FAST 2A								Surveyor:	Brian Higginson												
# = Estimated Measurement								Weather:	Sunny													
								Survey Date:	01 January 2019													
								Crown Spread (m)				Condition										
Tree / Group / Hedge Ref. No.	Latin Name (Common Name)	Height (m)	Crown Clearance (m) & compass direction	North	East	South	West	Stem Diameter @ 1.5m (mm) (Where up to 5 stems present)				No. of Stems (6+)	Stem Diameter average (@1.5 m (mm) Five Stems or more)	Age Class: Y (Young), SM (Semi-Mature), EM (Early-Mature), M (Mature), LM (Late-mature), V (Veteran)	Physiological Condition: Good, Fair, Poor, Dead.	Structural Condition: Good, Fair, Poor.	Estimated Remaining Contribution: (<10, 10+, 20+, 40+)	BS5837 Categorisation Grading	Comments	Preliminary management recommendations / further works	Root Protection Area Radius (m) - Capped to 15m	Root Protection Area (m <sup>2</sup> )
G245	Crataegus monogyna (Hawthorn),Salix caprea (Goat Willow),Prunus spinosa (Blackthorn),Acer campestre (Field Maple)	8	1	3	3	3	3	150				1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	1.80	10
G246	Crataegus monogyna (Hawthorn),Salix caprea (Goat Willow),Prunus spinosa (Blackthorn),Acer campestre (Field Maple)	8	1	3	3	3	3	150				1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	1.80	10
G247	Crataegus monogyna (Hawthorn),Salix caprea (Goat Willow),Prunus spinosa (Blackthorn),Acer campestre (Field Maple)	8	1	3	3	3	3	150				1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	1.80	10
G248	Crataegus monogyna (Hawthorn),Salix caprea (Goat Willow),Prunus spinosa (Blackthorn),Acer campestre (Field Maple)	8	1	3	3	3	3	150				1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	1.80	10
T249	Fraxinus excelsior (Ash)	16	3	7	6	7	7	545				1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	6.54	134
T250	Fraxinus excelsior (Ash)	16	3	5	5	3	5	400				1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	4.80	72
T251	Fraxinus excelsior (Ash)	16	3	5	5	5	5	545				1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	6.54	134

Tree / Group / Hedge Ref. No.	Latin Name (Common Name)	Height (m)	Crown Clearance (m) & compass direction	Crown Spread (m)				Stem Diameter @ 1.5m (mm) (Where up to 5 stems present)	No. of Stems (6+)	Stem Diameter average (@1.5 m (mm) Five Stems or more)	Age Class: Y (Young), SM (Semi-Mature), EM (Early-Mature), M (Mature), LM (Late-mature), V (Veteran)	Condition		Estimated Remaining Contribution: (<10, 10+, 20+, 40+)	BS5837 Categorisation Grading	Comments	Preliminary management recommendations / further works	Root Protection Area Radius (m) - Capped to 15m	Root Protection Area (m <sup>2</sup> )				
				North	East	South	West					Physiological Condition: Good, Fair, Poor, Dead.	Structural Condition: Good, Fair, Poor.										
T251A	Fraxinus excelsior (Ash)	16	3	5	5	5	5	545					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	6.54	134
T252	Fraxinus excelsior (Ash)	16	3	5	5	5	5	465					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	5.58	98
T253	Fraxinus excelsior (Ash)	16	3	4	6	5	6	465					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	5.58	98
T254	Fraxinus excelsior (Ash)	16	3	4	6	5	6	465					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	5.58	98
T255	Fraxinus excelsior (Ash)	16	3	5	5	3	5	400					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	4.80	72
T256	Fraxinus excelsior (Ash)	16	3	5	5	5	5	450					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	5.40	92
T257	Fraxinus excelsior (Ash)	16	3	5	5	3	5	400					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	4.80	72
T258	Fraxinus excelsior (Ash)	16	3	5	5	5	5	400					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	4.80	72
T259	Fraxinus excelsior (Ash)	16	3	5	4	5	4	390					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	4.68	69
T260	Fraxinus excelsior (Ash)	18	3	5	4	5	5	405					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	4.86	74

Tree / Group / Hedge Ref. No.	Latin Name (Common Name)	Height (m)	Crown Clearance (m) & compass direction	Crown Spread (m)				Stem Diameter @ 1.5m (mm) (Where up to 5 stems present)	No. of Stems (6+)	Stem Diameter average (@1.5 m (mm) Five Stems or more)	Age Class: Y (Young), SM (Semi-Mature), EM (Early-Mature), M (Mature), LM (Late-mature), V (Veteran)	Condition		Estimated Remaining Contribution: (<10, 10+, 20+, 40+)	BS5837 Categorisation Grading	Comments	Preliminary management recommendations / further works	Root Protection Area Radius (m) - Capped to 15m	Root Protection Area (m <sup>2</sup> )				
				North	East	South	West					Physiological Condition: Good, Fair, Poor, Dead.	Structural Condition: Good, Fair, Poor.										
T261	Fraxinus excelsior (Ash)	16	3	5	5	5	5	380					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	4.56	65
T262	Fraxinus excelsior (Ash)	17	3	4	4	4	4	380					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	4.56	65
T263	Fraxinus excelsior (Ash)	16	3	3	3	3	3	380					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	4.56	65
T264	Fraxinus excelsior (Ash)	15	2	4	4	4	4	425					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	5.10	82
G264A	Crataegus monogyna (Hawthorn),Salix caprea (Goat Willow),Prunus spinosa (Blackthorn),Acer campestre (Field Maple)	8	1	3	3	3	3	150					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	1.80	10
T265	Fraxinus excelsior (Ash)	15	2	2	2	2	2	310					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	3.72	43
T266	Crataegus monogyna (Hawthorn)	6	1	2	2	2	2	220					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	2.64	22
T267	Crataegus monogyna (Hawthorn)	6	1	2	2	2	2	220					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	2.64	22
T268	Crataegus monogyna (Hawthorn)	6	1	2	2	2	2	220					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	2.64	22
T269	Crataegus monogyna (Hawthorn)	6	1	2	2	2	2	220					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	2.64	22
T270	Crataegus monogyna (Hawthorn)	6	1	1.5	1.5	1.5	1.5	220					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	2.64	22

Tree / Group / Hedge Ref. No.	Latin Name (Common Name)	Height (m)	Crown Clearance (m) & compass direction	Crown Spread (m)				Stem Diameter @ 1.5m (mm) (Where up to 5 stems present)	No. of Stems (6+)	Stem Diameter average (@1.5 m (mm) Five Stems or more)	Age Class: Y (Young), SM (Semi-Mature), EM (Early-Mature), M (Mature), LM (Late-mature), V (Veteran)	Condition		Estimated Remaining Contribution: (<10, 10+, 20+, 40+)	BS5837 Categorisation Grading	Comments	Preliminary management recommendations / further works	Root Protection Area Radius (m) - Capped to 15m	Root Protection Area (m <sup>2</sup> )				
				North	East	South	West					Physiological Condition: Good, Fair, Poor, Dead.	Structural Condition: Good, Fair, Poor.										
T271	Crataegus monogyna (Hawthorn)	6	1	1.5	1.5	1.5	1.5	220					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	2.64	22
T272	Crataegus monogyna (Hawthorn)	6	1	3	3	3	3	220					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	2.64	22
T273	Crataegus monogyna (Hawthorn)	6	1	1.5	1.5	1.5	1.5	220					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	2.64	22
T274	Crataegus monogyna (Hawthorn)	6	1	1.5	1.5	1.5	1.5	220					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	2.64	22
T275	Crataegus monogyna (Hawthorn)	6	1	2	2	2	2	220					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	2.64	22
T276	Crataegus monogyna (Hawthorn)	6	1	2	2	2	2	220					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	2.64	22
T277	Crataegus monogyna (Hawthorn)	6	1	2	2	2	2	220					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	2.64	22
T278	Crataegus monogyna (Hawthorn)	6	1	2	2	2	2	220					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	2.64	22
T279	Crataegus monogyna (Hawthorn)	6	1	2	2	2	2	220					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	2.64	22
T280	Crataegus monogyna (Hawthorn)	6	1	1.5	1.5	1.5	1.5	220					1		M	Fair	Fair	10+	C2	Average form, shape and condition	None	2.64	22