



Client: MTS (Storage & Distribution) Ltd																		Reference:		TS-23-08- 001							
Site:		Cliffe Lane Markfield								Surveyor:		Shaun Phillips						Date of survey:		11/08/2023							
Key to Notations																											
										Age Class			Definition					Category Grading									
Stem Dia:		Stem diameter (mm) at 1.5m above ground level								Y	Young		Trees that have not yet reached 1/3 of their expected mature height					Category			ERC		Sub category				
C.C.		Height of crown clearance above ground level								EM	Early Mature		The stage in the life cycle of a tree between youth and maturity					A	High Quality & Value		40+	1	Mainly arboricultural value				
L.B.		Lowest branch height in meters								M	Mature		Close to full height and crown size					B	Moderate Quality & Value		20+	2	Mainly landscape value				
D.L.B.		Direction of Lowest Branch								OM	Over Mature		Close to full height and crown size while main-stem diameter increases more slowly					C	Low Quality & Value		10+	3	Mainly cultural value				
E.R.C		Estimated Remaining Contribution (in years)								V	Veteran		A tree that has survived the rigours of life and shows signs of ancientness					U	Unsuitable for retention		<10						
Physiological condition										Good		No significant health problems					Fair		Symptoms of health that can be remediated			Poor		Significant ill health			
Structural condition										Good		No significant defects					Fair		Significant defects that can be remediated			Poor		Significant defects with no remedy			
Tree No.	Ref No	Species	Botanical Name	H (m)	Stem Dia.	No of Stems	Branch Spread (m)				CC (m)	LB (m)	DLB (m)	Age	PC	SC	Comments	Recommendations	ERC	Cat.	RPA (m2)	RPA Radial distance (m)					
							N	E	S	W																	
T001	Group	Pine x6 Oak x3	<i>Pinus sp. x6</i> <i>Quercus sp. x3</i>	17	550	1	2	6	8	5	3	4	N/A	EM	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO.	Clear base and reinspect before construction.	40+	B2	137	7					
T002	Tree	Oak	<i>Quercus sp.</i>	18	600	1	6	6	6	6	6	5	N/A	M	Fair	Fair	Restricted access some estimated dimensions. Deadwood.	Clear base and reinspect before construction.	20+	B2	163	7					
T003	Tree	Oak	<i>Quercus sp.</i>	12	460	1	5	5	5	5	2	3	N/A	EM	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO.	Clear base and reinspect before construction.	20+	B2	92	5					
T004	Tree	Oak	<i>Quercus sp.</i>	12	420	1	7	4	5	5	3	3	N/A	EM	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO. Previous sorm damage.	Clear base and reinspect before construction. Prune storm damage to target points	20+	B2	82	5					
T005	Tree	Oak	<i>Quercus sp.</i>	15	540	1	4	6	5	5	3	4	N/A	EM	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO. Deadwood.	Clear base and reinspect before construction.	40+	A2	137	7					
T006	Tree	Oak	<i>Quercus sp.</i>	18	480	1	5	5	5	5	3	5	N/A	EM	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO.	Clear base and reinspect before construction.	40+	B2	102	6					
T007	Tree	Oak	<i>Quercus sp.</i>	17	450	1	7	6	6	6	4	4	N/A	EM	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO.	Clear base and reinspect before construction.	40+	A2	92	5					
T008	Tree	Birch	<i>Betula sp.</i>	16	280	1	4	4	4	4	3	4	N/A	M	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO. Not plotted on topo position indicative.	Clear base and reinspect before construction.	20+	C2	34	3					
T009	Tree	Oak	<i>Quercus sp.</i>	15	340	1	4	5	5	5	4	4	N/A	EM	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO.	Clear base and reinspect before construction.	20+	B2	55	4					
T010	Tree	Oak	<i>Quercus sp.</i>	18	720	1	7	7	7	7	4	4	N/A	EM	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO.	Clear base and reinspect before construction.	40+	A2	238	9					
T011	Tree	Spruce	<i>Picea sp.</i>	18	400	1	5	5	3	5	4	4	N/A	M	Fair	Fair	Restricted access some estimated dimensions. Not plotted on topo position indicative.	Clear base and reinspect before construction.	20+	C2	72	5					
T012	Group	Sycamore x5 Spruce x2 Fir	<i>Acer pseudoplatanus x5</i> <i>Picea sp. x2</i> <i>Abies sp.</i>	18	450	1	6	6	6	6	4	4	N/A	EM	Fair	Fair	Restricted access some estimated dimensions. Not plotted on topo position indicative.	Clear base and reinspect before construction.	20+	B2	92	5					
T013	Hedge	Hawthorn Elder Holly	<i>Crataegus sp.</i> <i>Sambucus nigra</i> <i>Ilex sp.</i>	5	200	1	2	2	2	2	-	-	N/A	EM	Fair	Fair	Restricted access some estimated dimensions. Offsite unmanaged hedge with varying height and spread. Not plotted on topo position indicative.	None	10+	C2	18	2					
T014	Tree	Birch	<i>Betula sp.</i>	15	280	1	4	4	4	4	2	2	N/A	EM	Fair	Fair	Restricted access some estimated dimensions. Offsite. Not plotted on topo position indicative.	None	10+	C2	34	3					
T015	Tree	Birch	<i>Betula sp.</i>	15	280	1	5	5	5	5	2	2	N/A	EM	Fair	Fair	Restricted access some estimated dimensions. Offsite. Not plotted on topo position indicative.	None	10+	C2	34	3					
T016	Group	Oak x2	<i>Quercus sp. x2</i>	13	500	1	5	5	5	5	4	4	N/A	EM	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO. Previous poor pruning undertaken.	Clear base and reinspect before construction.	40+	B2	113	6					
T017	Tree	Oak	<i>Quercus sp.</i>	16	440	1	6	6	6	6	5	5	N/A	EM	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO.	Clear base and reinspect before construction.	40+	B2	92	5					
T018	Tree	Oak	<i>Quercus sp.</i>	16	450	1	6	6	6	6	5	5	N/A	EM	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO.	Clear base and reinspect before construction.	40+	B2	92	5					
T019	Tree	Oak	<i>Quercus sp.</i>	5	600	1	3	3	3	3	2	2	N/A	M	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO. Storm damaged or topped.	Clear base and reinspect before construction.	40+	C2	163	7					
T020	Woodland	Poplar Hawthorn Willow Oak	<i>Populus sp.</i> <i>Crataegus sp.</i> <i>Salix sp.</i> <i>Quercus sp.</i>	20	500	1	6	6	6	6	2	2	N/A	EM	Fair	Fair	Predominantly Poplar. Not fully plotted on topo positions indicative. Excavations for track along southern edge upto 40-50cm.	Monitor edge trees adjacent track excavations	20+	B2	113	6					
T021	Group	Oak Willow Poplar	<i>Quercus sp.</i> <i>Salix sp.</i> <i>Populus sp.</i>	20	500	1	5	5	5	5	2	2	N/A	M	Fair	Fair	Not fully plotted on topo positions indicative.	None	40+	A2	113	6					

Key to Notations														SP TREE CONSULTANCY									
				Age Class			Definition						Category Grading										
Stem Dia:				Y			Trees that have not yet reached 1/3 of their expected mature height						Category			ERC							
C.C.				EM			The stage in the life cycle of a tree between youth and maturity						A			High Quality & Value							
L.B.				M			Close to full height and crown size						B			Moderate Quality & Value							
D.L.B.				OM			Close to full height and crown size while main-stem diameter increases more slowly						C			Low Quality & Value							
E.R.C.				V			A tree that has survived the rigours of life and shows signs of ancientness						U			Unsuitable for retention							
Physiological condition				Good			No significant health problems						Fair			Symptoms of health that can be remediated							
Structural condition				Good			No significant defects						Fair			Significant defects that can be remediated							
													Poor			Significant ill health							
													Poor			Significant defects with no remedy							

Tree No.	Ref No	Species	Botanical Name	H (m)	Stem Dia.	No of Stems	Branch Spread (m)				CC (m)	LB (m)	DLB (m)	Age	PC	SC	Comments	Recommendations	ERC	Cat.	RPA (m2)	RPA Radial distance (m)
							N	E	S	W												
T022	Group	Poplar Pine	Populus sp. Pinus sp.	25	600	1	5	5	5	5	5	5	N/A	M	Fair	Fair	Predominantly Poplar. Not fully plotted on topo positions indicative. Excavations for track along northern edge upto 20-30cm.	Monitor edge trees adjacent track excavations	20+	B2	163	7
T023	Tree	Oak	Quercus sp.	15	500	1	7	7	7	7	2	2	N/A	EM	Fair	Fair	Offsite tree, potentially LCC highways.	Clear base and reinspect before construction.	40+	A2	113	6
T024	Tree	Oak	Quercus sp.	9	380	1	2	1	-	1	6	6	N/A	EM	Fair	Fair	Protected by TPO. Previously poorly pruned. Deadwood. 10% of expected live canopy.	Clear base and reinspect before construction.	10+	C2	64	5
T025	Group	Oak x28	Quercus sp. x28	22	800	1	7	7	7	7	2	2	N/A	M	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO. Average DBH	Clear base and reinspect before construction.	40+	A2	290	10
T026	Hedge	Elder Alder Blackthorn	Sambucus nigra Alnus sp. Prunus spinosa	2	80	1	2	2	2	2	-	-	N/A	M	Fair	Fair	Not plotted on topo positions indicative. Generally, low quality with gaps.	Require management and gaps planting if retained.	10+	C2	3	1
T027	Hedge	Elder Alder Blackthorn	Alnus sp. Sambucus nigra Prunus spinosa	2	80	1	2	2	2	2	-	-	N/A	M	Fair	Fair	Not plotted on topo positions indicative. Generally, low quality with gaps.	Require management and gaps planting if retained.	10+	C2	3	1
T028	Woodland	Oak Pine Sycamore Birch Spruce Willow	Quercus sp. Pinus sp. Acer pseudoplatanus Betula sp. Picea sp. Salix sp.	22	500	1	5	5	5	5	-	-	N/A	M	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO. Not plotted on topo position indicative. Average DBH	Clear base and reinspect before construction.	40+	A2	113	6
T029	Group	Pine Oak Sycamore Beech	Pinus sp. Quercus sp. Acer pseudoplatanus Fagus sp.	22	500	1	6	6	6	6	-	-	N/A	M	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO. Not fully plotted on topo some position indicative. Average DBH	Clear base and reinspect before construction.	40+	A2	113	6
T030	Group	Oak Holly Hawthorn Rowan	Quercus sp. Ilex sp. Crataegus sp. Sorbus aucuparia	23	700	1	6	6	6	6	-	-	N/A	M	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO. Not fully plotted on topo some position indicative. Average DBH	Clear base and reinspect before construction.	40+	A2	222	8
T031	Group	Hawthorn Ash Willow	Crataegus sp. Fraxinus sp. Salix sp.	9	200	1	3	3	3	3	-	-	N/A	M	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO. Not fully plotted on topo some position indicative. Average DBH	Clear base and reinspect before construction.	20+	C2	18	2
T032	Group	Hawthorn Oak Holly Rowan	Crataegus sp. Quercus sp. Ilex sp. Sorbus aucuparia	23	700	1	6	6	6	6	-	-	N/A	M	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO. Not fully plotted on topo some position indicative. Average DBH	Clear base and reinspect before construction.	40+	A2	222	8
T033	Hedge	Elder Hawthorn	Sambucus nigra Crataegus sp.	2	150	1	2	2	2	2	-	-	N/A	M	Fair	Fair	Not plotted on topo positions indicative. Generally, low quality with varying heights and some gaps.	Require management and gaps planting if retained.	10+	C2	10	2
T034	Hedge	Elder Hawthorn	Sambucus nigra Crataegus sp.	2	150	1	1	1	1	1	-	-	N/A	M	Fair	Fair	Not plotted on topo positions indicative. Generally, low quality with gaps.	Require management and gaps planting if retained.	10+	C2	10	2
T035	Hedge	Hawthorn Elder	Crataegus sp. Sambucus nigra	2	150	1	1	1	1	1	-	-	N/A	M	Fair	Fair	Not plotted on topo positions indicative. Offsite group.	Require management and gaps planting if retained.	10+	C2	10	2
T036	Group	Hawthorn Oak Holly Ash	Crataegus sp. Quercus sp. Ilex sp. Fraxinus sp.	11	350	1	3	3	3	3	-	-	N/A	M	Fair	Fair	Not plotted on topo positions indicative. Generally, low quality with gaps.	None	10+	C2	55	4
T037	Hedge	Hawthorn Elder	Crataegus sp. Sambucus nigra	2	150	1	1	1	1	1	-	-	N/A	M	Fair	Fair	Not plotted on topo positions indicative. Generally, low quality with gaps.	Require management and gaps planting if retained.	10+	C2	10	2
T038	Hedge	Hawthorn Elder	Crataegus sp. Sambucus nigra	2	150	1	1	1	1	1	-	-	N/A	M	Fair	Fair	Not plotted on topo positions indicative. Generally, low quality with gaps.	Require management and gaps planting if retained.	10+	C2	10	2



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Stem Dia:				Stem diameter (mm) at 1.5m above ground level				Y	Young		Trees that have not yet reached 1/3 of their expected mature height											
C.C.				Height of crown clearance above ground level				EM	Early Mature		The stage in the life cycle of a tree between youth and maturity				A	High Quality & Value		ERC		Sub category		
L.B.				Lowest branch height in meters				M	Mature		Close to full height and crown size				B	Moderate Quality & Value		40+		1	Mainly arboricultural value	
D.L.B.				Direction of Lowest Branch				OM	Over Mature		Close to full height and crown size while main-stem diameter increases more slowly				C	Low Quality & Value		20+		2	Mainly landscape value	
E.R.C				Estimated Remaining Contribution (in years)				V	Veteran		A tree that has survived the rigours of life and shows signs of ancientness				U	Unsuitable for retention		<10		3	Mainly cultural value	
Physiological condition				Good		No significant health problems				Fair		Symptoms of health that can be remediated				Poor		Significant ill health				
Structural condition				Good		No significant defects				Fair		Significant defects that can be remediated				Poor		Significant defects with no remedy				
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							N	E	S	W												
T039	Tree	Birch	<i>Betula sp.</i>	16	370	1	4	4	4	4	3	3	N/A	M	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO.	Clear base and reinspect before construction.	10+	C2	64	5
T040	Tree	Oak	<i>Quercus sp.</i>	17	700	1	7	7	7	7	5	6	N/A	M	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO. Minor damage on base to west side of stem.	Clear base and reinspect before construction.	40+	A2	222	8
T041	Tree	Oak	<i>Quercus sp.</i>	17	650	1	6	6	6	6	6	6	N/A	M	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO. Some early veteran features.	Clear base and reinspect before construction.	40+	A2	191	8
T042	Tree	Oak	<i>Quercus sp.</i>	15	600	1	5	4	5	5	5	5	N/A	M	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO. Some early veteran features.	Clear base and reinspect before construction.	40+	B2	163	7
T043	Tree	Oak	<i>Quercus sp.</i>	10	600	1	5	5	5	5	5	5	N/A	M	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO.	Clear base and reinspect before construction.	40+	B2	163	7
T044	Tree	Oak	<i>Quercus sp.</i>	20	790	1	6	7	8	6	5	6	N/A	M	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO. Some early veteran features.	Clear base and reinspect before construction.	40+	A2	290	10
T045	Tree	Oak	<i>Quercus sp.</i>	10	760	1	-	-	5	7	2	2	N/A	OM	Fair	Fair	Restricted access some estimated dimensions. Protected by TPO. Majour storm damage producing veteran features. Fruiting bodies of <i>Laetiporus sulphureus</i> (Chicken of the Woods)on tear out wound.	Corwn Reduce if retained.	10+	C2	254	9
T046	Hedge	Hawthorn Elder	<i>Crataegus sp.</i> <i>Sambucus nigra</i>	2	150	1	1	1	1	1	-	-	N/A	M	Fair	Fair	Not plotted on topo positions indicative. Generally, low quality with gaps.	Require management and gaps planting if retained.	10+	C2	10	2
T047	Hedge	Hawthorn Elder	<i>Crataegus sp.</i> <i>Sambucus nigra</i>	2	150	1	1	1	1	1	-	-	N/A	M	Fair	Fair	Not plotted on topo positions indicative. Generally, low quality with gaps.	Require management and gaps planting if retained.	10+	C2	10	2
T048	Hedge	Hawthorn Elder	<i>Crataegus sp.</i> <i>Sambucus nigra</i>	2	150	1	1	1	1	1	-	-	N/A	M	Fair	Fair	Not plotted on topo positions indicative. Generally, low quality with gaps.	Require management and gaps planting if retained.	10+	C2	10	2
T049	Group	Blackthorn Willow Oak Ash Pine	<i>Prunus spinosa</i> <i>Salix sp.</i> <i>Quercus sp.</i> <i>Fraxinus sp.</i> <i>Pinus sp.</i>	6	200	1	3	3	3	3	-	-	N/A	EM	Fair	Fair	Restricted access some estimated dimensions. Not plotted on topo positions indicative. Predominantly willow and blackthorn on site. Some offsite early mature trees, ash, pine willow.	Clear base and reinspect before construction.	10+	C2	18	2
T050	Tree	Oak	<i>Quercus sp.</i>	11	330	1	4	4	4	4	1	1	N/A	EM	Fair	Fair	Restricted access some estimated dimensions. Not plotted on topo positions indicative. Offsite tree.	Clear base and reinspect before construction.	40+	B2	48	4