

YORKE RD SCHOOL, CROXLEY GREEN
ARBORICULTURAL SURVEY & IMPACT ASSESSMENT

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Tree No.	Species	Ht (m)	Stem Dia (mm)	Branch spread (m)				Height of crown clr (m)	Age Class	Phys. Condition	Structural Condition	Remaining contribution (est. years)	Category grading
				N	E	S	W						
1	Laburnum	5	330*	3	3	3	3	2	MA	F	Locate within soft ground area. Multi-stemmed from g.l. Previously topped at 1.5m a.g.l. with re-grown crown. Ornamental tree of domestic scale.	10 to 20	C2
2	Apple	4	170	3	3	3.5	3	1.5	M	P	Locate within soft ground area. Burrs on main stem, asymmetrical due group pressure, fruit tree of domestic scale.	10 to 20	C2
3	Hornbeam	12	500*	4	5	5	4	2.5	MA	F	Fastigiated form. Located within soft ground immediately adjacent tarmac/concrete hard standing on N side. X2 stems from just a.g.l. displaying included bark, major lower laterals on S side fused at 1.8m a.g.l. E stem forks at 1.8m a.g.l. with crossing branches. Tight forks of secondary spires on W stem.	10 to 20	C1
4	Lime	6	350	2	2	2	2	2	MA	F	Trees 4 to 7 located immediately adjacent iron railings within tarmac area to base. Trees 4 to 6 topped at 3m forming large stem wound consistent with trunk diameter. No visible signs of previous knuckle points forming pollarding). Minor basal & epicormic growth, pockets of decay at branch wounds, regrowth 3m height.	10 to 20	C1
5	Lime	6	250	2	2	2	2	2	MA	F	0	10 to 20	C1
6	Lime	6	330	2	2	2	2	2	MA	F	Significant vertical cavity on W side of trunk extending 1.5m below topping point.	10 to 20	C1
7	Lime	6	330	2	2	2	2	2	MA	F	Topped at 2m a.g.l.	10 to 20	C1
8	Hawthorn	5	120e	2	2	2	2	2	MA	F	Off-site tree. Attenuated form. X2 stems from 1m a.g.l.	>10	C2
9	Western Red Cedar	16	770	5	5	5.5	6	2	M	G	Mature tree located within tarmac area to base. 1m from boundary wall (1.8m hgt), 2m from off-site garage and 2m from outbuilding. Major buttress roots to NE, SW & NW with significant disturbance of tarmac adjacent. Longitudinal bark wound on NE buttress root forming dysfunctional wood with decay. Major horizontal lower lateral extending 4m to W side forming dog-leg supporting secondary and tertiary co-dominant leaders. Linear cracking of bark on underside. Minor pruning from off-site structure.	10 to 20	C1
10	Lilac	4	140e	3	3	1	1	1	M	P	Off-site tree. Domestic scale.	>10	C2
11	Birch	14	220e	2.5	2.5	2.5	2.5	3	MA	G	Off-site tree of fair form.	20 to 40	B2

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				N	E	S	W						
12	Laburnum	5	280e	3	3	3	3	2	M	F	Multi-stemmed. Insignificant.	10 to 20	C1
13	Laurel	5	120	2	3	1	0	1.5	Y	G	Self-seeded, located 0.3m from brick structure. X2 stems from 1.3m a.g.l. Poor form and insignificant.	>10	R
14	Sorbus sp.	4	60	2	2	1	0	1.5	Y	F	Suppressed, asymmetrical form. Insignificant.	>10	R
15	Ash	13	460*	3.5	3.5	3.5	3	2	MA	G	x3 stems from g.l. 200mm ave stem dia. X2 stems displaying included bark. SE stem dog-legged at 1m a.g.l. Attenuated form. Limited useful life expectancy.	>10	R
16	Laurel	10	700*	6	6	6	6	1	M	F	Estimated basal diameter. Multi-stemmed large shrub.	10 to 20	C2
17	Ash	11	520*	3	3.5	3.5	4.5	2	MA	G	Located adjacent lower retaining wall on E side. x5 stems from g.l. X2 stems W side forming included bark with wire mesh fence included within x3 stems on E side. NE stem wounded at approx 1.5m a.g.l. caused by iron fenced post. Limited safe life expectancy.	>10	R
18	Ash	5	180*	1	0	1	1	2	Y	G	Young sapling. Twin stemmed from just a.g.l.	>10	R
19	Ash	9	480*	2	5	4	3.5	2	MA	G	Located adjacent lower retaining wall on E side. x4 stems from g.l. with included bark. SE stems fork at 1.8m forming tight formation. Limited safe life expectancy.	>10	R
20	Sycamore	5	410*	2	2	2	2	1	Y	P	Estimated basal diameter. 0.5m high stump with re-growth.	>10	R
21	Cherry	3	180	1	2.5	2.5	2	1.5	M	P	Graft point at 1.5m a.g.l major deadwood and broken branches in upper crown. Suppressed by T16.	>10	R
G22	Sycamore/Lime	16	380ave	5	5	5	5	4	MA	F	Linear group of ivy clad Sycamore located adjacent collapsed/missing retaining wall with two Lime to rear within area of soft ground forming principle arboricultural feature within the local street scene. Whilst the trees may accrue a greater category grading due to their collective merit they have been downgraded due to their proximity to the bank and retaining wall, which requires further inspection.	10 to 20	C1

APPENDIX 2
Root Protection Area

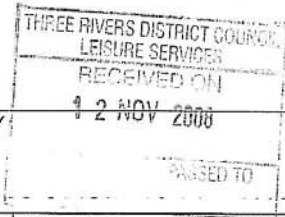
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Tree No.	Species	Stem Dia (mm)	Age Class	Remaining contribution (est. years)	Category grading	Root protection area		
						Radius (m)	M ²	Square
1	Laburnum	330*	MA	10 to 20	C2	3.3*	34.2*	5.8*
2	Apple	170	M	10 to 20	C2	2	13.1	3.6
3	Hornbeam	500*	MA	10 to 20	C1	5*	78.6*	8.9*
4	Lime	350	MA	10 to 20	C1	4.2	55.4	7.4
5	Lime	250	MA	10 to 20	C1	3	28.3	5.3
6	Lime	330	MA	10 to 20	C1	4	49.3	7
7	Lime	330	MA	10 to 20	C1	4	49.3	7
8	Hawthorn	120e	MA	>10	C2	1.4	6.5	2.5
9	Western Red Cedar	770	M	10 to 20	C1	9.2	268.3	16.4
10	Lilac	140e	M	>10	C2	1.7	8.9	3
11	Birch	220e	MA	20 to 40	B2	2.6	21.9	4.7
12	Laburnum	280e	M	10 to 20	C1	3.4	35.5	6
13	Laurel	120	Y	>10	R	1.4	6.5	2.5
14	Sorbus sp.	60	Y	>10	R	0.7	1.6	1.3
15	Ash	460*	MA	>10	R	4.6*	66.5*	8.2*
16	Laurel	700*	M	10 to 20	C2	7*	154*	12.4*
17	Ash	520*	MA	>10	R	5.2*	85*	9.2*
18	Ash	180*	Y	>10	R	1.8*	10.2*	3.2*
19	Ash	480*	MA	>10	R	4.8*	72.4*	8.5*
20	Sycamore	410*	Y	>10	R	4.1*	52.8*	7.3*
21	Cherry	180	M	>10	R	2.2	14.7	3.8
G22	Sycamore/Lime	380ave	MA	10 to 20	C1	4.6	65.3	8.1

APPENDIX 3
TPO 708 of 2008 (extract)

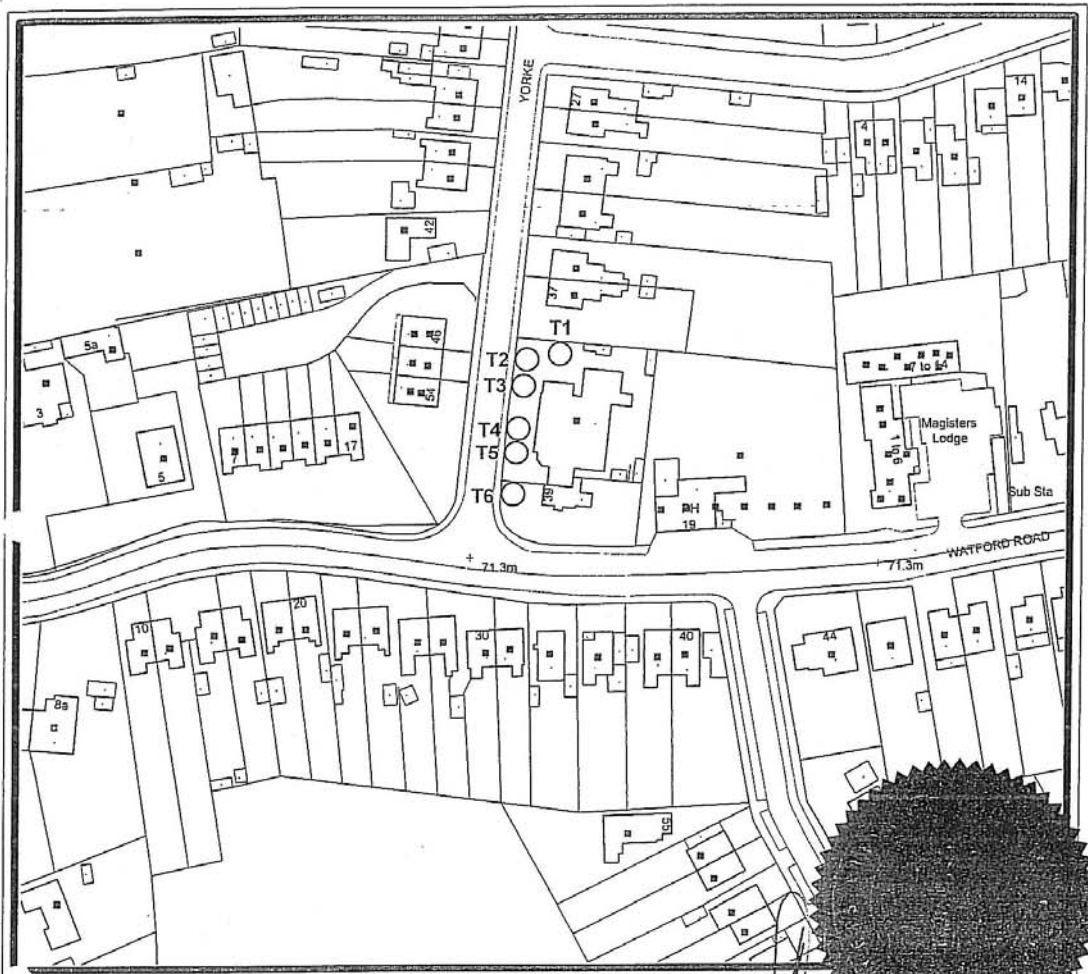
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SCHEDULE 1
SPECIFICATION OF TREES



TREES SPECIFIED INDIVIDUALLY (encircled in black on the map)		
No. on map	Description	Situation
T1	Western Red Cedar (<i>Thuja plicata</i>)	To the north, close to the boundary with 37 Yorke Road
T2	Common Lime (<i>Tilia x europaea</i>)	To the western boundary with Yorke Road
T3	Common Lime (<i>Tilia x europaea</i>)	To the western boundary with Yorke Road
T4	Common Lime (<i>Tilia x europaea</i>)	To the western boundary with Yorke Road
T5	Common Lime (<i>Tilia x europaea</i>)	To the western boundary with Yorke Road
T6	Hornbeam (<i>Crataegus monogyna</i>)	To the western boundary with Yorke Road
TREES SPECIFIED BY REFERENCE TO AN AREA (within a dotted line on the map)		
No. on map	Description	Situation
None		
GROUPS OF TREES (within a broken black line on the map)		
No. on map	Description	Situation
None		
WOODLANDS (within a continuous black line on the map)		
No. on map	Description	Situation
None		

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Three Rivers (Yorke Road School, Yorke Road
Croxley Green)

Tree Preservation Order 2008

TPO 708

Date: April 2008 Scale: 1:1250

Chris Hope, Director of Leisure & Environment, Three Rivers District
Council, Three Rivers House, Northway, Rickmansworth, WD3 1RL



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APPENDIX 4
Photographic Record

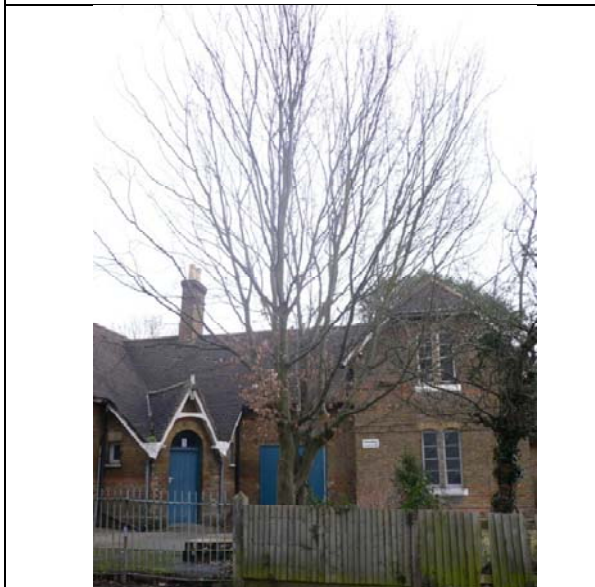
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1. General view of Yorke Road School, Croxley Green



2. Trees 1 Laburnum (right) and 2 Apple (left)



3. Tree 3 (Hornbeam)



4. General view from Yorke Rd showing pollarded Lime trees (4 to 7) adjacent railings and Western Red Cedar (9) in background.



5. General view of SE corner of site from Watford Rd showing Laurel and Ash



6. General view from Watford Rd of off-site Sycamore and Lime (G22).

APPENDIX 5

Qualifications and Experience

Brief qualifications and experience of Guy Exley

Qualifications: I hold a BSc (Hons) Environmental Land Management, an HND in Arboriculture and an NCH in Arboriculture. I am a Fellow of the Arboricultural Association, Member of the Institute of Chartered Foresters and ordinary member of the Royal Forestry Society, Ancient Tree Forum and the British Ecological Society.

Career experience: I have 16 years experience as a contractor working in Britain, Germany and Australia, obtaining experience in all aspects of practical tree care. In 1999 I joined The Royal Borough of Windsor & Maidenhead as an Arboricultural Officer, dealing with municipal tree management within a unitary authority. This provided me with a comprehensive insight into all aspects of local authority tree management and in particular, trees and the planning system.

For the last 18 months I have been a consultant arboriculturist drawing on the wide range of experience obtained and specialising in supplying quality arboricultural planning services to Local Planning Authorities and the private sector. This includes advising on a full range of tree issues within the planning environment, providing site surveys to BS5837 (2005) 'Trees in relation to construction', arboricultural implication reports, method statements and supervision, development control advice to Local Planning Authorities, successful enforcement and prosecution, appeal statements and attendance at hearings, liaison with and on behalf of Local Planning Authorities, developers, architects and town planners.

This comprehensive experience and current working knowledge of Local Authorities and the private sector encourages a pragmatic approach that has been found to be of benefit to all parties.

Continuing professional development: I keep current on arboricultural issues and best practice through membership of the Arboricultural Association, Institute of Chartered Foresters, Royal Forestry Society and by attending arboriculture courses and seminars.



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