

## Indicative only

Impacts Trees to be i	removed		roment f	Nos. of	f tre
Groups / He Trees with p	roposed in	ncursions into RPA	As	0 (0	0)
Trees that w Groups / He	ill require	pruning will require prunir		0	
Trees to be t Groups / He	ransplante	ed transplanted		0	
<b>No.</b>	<b>Sp</b> Leyland	cypress and	Proposed struct	ure Incur	sion
G2	Monter Monter Ash a	rey cypress rey cypress, and Elder	Hard surface	RF	PA
No. c	of inc	lividual	trees to k	be remov	ve
U		<b>A</b> 0	B 0	C	
No. o	f gro	ups / h	edges to	be remo	ve
U		<b>A</b>	B	C D (0)	
() = Partial	removal o	f a groups	Mothod S	tatomon	\ <b>+</b>
All tree w	ork is to	be undertak	en in accordanc	e with British	
Standard Arboricult details of	Please i tural Me all surv	refer to Arbte othod Stateme eyed trees an	ch Consulting Li ent and Tree Pro Id how all aspec	d. Tree Sched: tection Plan, f ts of the	ule, or fi
trees.	ient may				Inec
Trees can	be affe	ct by constru	ction within the	RPAs either th	nrou
the direct the rootin through le	damag g enviro eaks and	e caused by t onment or sea d spills (oils, 1	the removal of re condary damage fuels, etc.) or th	oots, compacti such as poisc rough de-icing	ion onin J (ro
sait, etc.) Proposed designed	hard su	Irfacing withi	n the RPAs of re	tained trees is	to
and to mi use of tra through d	nimise a ditional lirect re	any adverse in foundations moval of root	mpact upon the can result in exc s during excava	tree RPAs, as essive root los tion and by	the
compacti 'traditiona When des	on of the al' type o signing l	e soil beneatl of foundation hard surfacin	h the excavation should be avoid g that is to be si	, as such this led. tuated within	RPA
the desig usage (pe vehicles,	n team i destriai HGVs et	need to pay p n, domestic t c.), the existi	articular attenti raffic, delivery v ng and propose	on to the prop ans, Emergenc d levels of har	ose cy d
surfacing proximity capture, S	and fini to tree f SUDs, et	ished floor le <sup>.</sup> trunks and su c.	vels, edging typ Irface rooting, c	es and details, ontamination	
Possible s situated v	sub-bas vithin th	es (foundatio le RPAs of ret	ns systems) for ained trees cou	hard surfacing Id include:	9
<ul> <li>A pro confi</li> <li>Engir</li> </ul>	prietary nement neered s	y system such system (Celly solution such	n as a multi-dim web TRP or simi as a road deck,	ensional lar); bridge, etc.	
An engine site speci	ered so fic inve	lution is likel stigations to l	y require a level ocate roots to a	of excavation id in foundatio	for on
design so roots and	that a s for the	suitable found installation th	dation can be de ne structure.	signed to avoi	id
<u>NB:</u> The u an engine surfacing	se of a r ered so by raisi	multi-dimens lution will aff ng the levels	ional confineme ect the finished and needs to be	nt systems an level of the ha taken into	d or ard
finished f	loor leve	en designing els of adjacer	toundations and t buildings.	d setting the	
Undergro	und utili	UTIIITY ity apparatus	apparatu	S	
Mechanic apparatus the local	al trenc and dr hydrolog	hing for the in ainage severs gy in a way th	nstallation of un s any roots pres at adversely aff	derground ent and can ch ects the health	nang n of
the tree. I rout and r Wherever	or this nethods possibl	e, apparatus	on of all undergr should be route	d be taken in t ound apparatu d outside of R	ne Is. PAs
where this together i sited outs	s is not in comm side of the	possible, it is non ducts, all he RPAs.	inspection char	eep apparatus nbers should k	s De
plans sho conjunction	wing the	e proposed ro the project a	bute should be c rboriculturist. In	Irawn up in such cases	etan
retrieval p feasible a excavatio	its bein nd prov	g located out iding roots ca ld be underta	side of the RPA an be retained a sken using hand	s. If this option and protected held tools	ı is
(air-spade manual ex Any desig	e, forks, cavatio	shovels) or a n (broken tre	combination of nch).	trenchless an	d
with the N Above-gro	Vational Dund uti	Joint Utilities	s Guidelines (NJ s g Iding CCTV came	UG).	na)
should be such the assessed	sited to current	and future cr	eed for detrimer own size of the	ital tree prunin tree should be	ig, a
Tree bran though it to bean ir	ches ca is not a nitial de:	n be pruned l ppropriate fo sign solution	back with care t r repetitive and s unless this is a s	o provide spac significant tree suitable	ce, e wo
managerr undertake	ient out en in acc	come for the cordance with	tree. Any prunin n BS3998:2010	g should be	
Site inves	tigation	Site inv s are to be ur	vestigatio	<b>NS</b> In the RPAs of	
retained t roots that design.	rees to may be	determine the present for t	e size, depth an he purpose of in	ל location of a וforming found	ny dati
All excava minimum depth of t	ation wit depth o	thin the RPAs of 800mm de	are to be initial ep for any excav	ly undertaken ation or to the	to a full
services. and then specialist	The soil cleared arboric	is to be loose with the aid e	ened with the us of an air-spade a actor: If an air-sp	e of a fork or and air-vac usi ade is not use	pick ng a
all excava shovel, tr Soil will b	itions ar owel, br e looser	re to be under ush). ned with the a	rtaken using har aid of a fork or t	nd tools (forks) rowel and the	, spo
removed t specialist excavatio	from wit arboric ns are t	th the aid of a ultural contra o be undertal	a shovel. Where actor is not empl ken under direct	an air spade o oyed, all arboricultural	r
supervisio arborist w location, a	on. All r vill visit t and size	oots are to be the site to rec of any roots	e retained in situ corded and phot present; during	and the proje ograph the de this visit the p	ect pth roje
arborist n saw or se retained t	nay be a cateurs rees an	ble to cut spo . The edge of d all uncovero	ecific roots with the excavation ed roots will be	the use of a h closest to the covered over v	and vith
minimum where ne contamin	of two l cessary ation. If	ayers of dam be shuttered appropriate s	p hessian to pre to prevent soil soil beneath the	vent drying ou collapse or depth of 800r	ıt, a nm
may be sh by a mach arboricult	ieet pile iine with ural sup	ed with any de h an appropri pervision. If a	eeper excavation ate bucket unde decision is mad	is being under r direct e for a machin	rtak ne to
be used if ground pi	or must w	vork form out n in place to r	side of the RPA nove and work (	or have approj upon.	pria
opon the	back fill o insert	ed with the o a root barrie	riginal material	or inert fill. It r ere the propos	nay sed
are to be suitable t	not nroc	cont or are he		to prevent to	ot
are to be suitable t roots are activity w	not pres ithin are	sent or are be as deemed t	o be root free.		ot
are to be suitable t roots are activity w	not pres ithin are	sent or are be as deemed t	o be root free.		ot
are to be suitable t roots are activity w	not pres ithin are	sent or are be	o be root free.		ot

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## 118 Hempstead Road Kings Langley WD4 8AL

	oncuru	ural Im	pact A	ssessn	nent
Based on	: Y	1481/2	2023/0	)4	
Drawing I A	<sup>No:</sup> Arbtech	Rev:			
Date: Jan 2024		Scale: 1:100 @ A0		Drawn: DM	
Tree Nos.:	G1	Tree Canopies:	$\bigcirc$	Trunks:	$\bigcirc$
RPAs:	$\bigcirc$	Category 'B' groups:		Category 'C' groups:	
		Proposed		Incursion - Hard	
Existing Site (OS tile):		Site:		surfacing:	

Arbtech Consulting Ltd, 2024