## LBRUT Sustainable Construction Checklist - June 2020

This document forms part of the Sustainable Construction Checklist SPD. This document must be filled out as part of the planning application for the following developments: all residential development providing one or more new residential units (including conversions leading to one or more new units), and all other forms of development providing 100sqm or more of non-residential floor space. Developments including new non-residential development of less than 100sqm floor space, extensions less than 100sqm, and other conversions are strongly encouraged to comply with this checklist. Where further information is requested, please either fill in the relevant section, or refer to the document where this information may be found in detail, e.g. Flood Risk Assessment or similar. Further guidance on completing the Checklist may be found in the Justification and Guidance section of this SPD.

Property Name (if relevant):	Harrodain Scho	ol			Application N	lo. (if known): 20/1496	/FUL			
Address (include. postcode)	Lonsdale Road	, London SW13 9QN								
Completed by:	Max Dewdney f	or George Watt Partnersh	ip							
For Non-Residential Size of development (m2)	2400	1			esidential per of dwellings	N/A				
		AND NON-RESIDENTIAL	)		<b>.</b>					
Energy Assessment										
Has an energy asses			expected energy and carbon nunity heating systems? If yes,		ving from energy efficie	ency and renewable		TRUE		
Carbon Dioxide emissions re	eduction									
			Building Regulations Part L (20 6 onsite reduction in CO <sub>2</sub> emis		Regulations 2013.			35.6	67 %	
		fficiency measures alone						1	15 %	
			% onsite reduction in CO2 emis: esidential and 15% for non-resi							
Percentage of total s	site CO2 emissions s	aved through renewable	energy installation?					14.9	95 %	
What is the total rema									0 Tonne	
			developments to achieve Zero						_	
Are remaining emissi	ons going to be offs	et through offset fund pay	yment in accordance with curre	ent guidelines issued	for the cost per tonne	of CO2?		FALSE		
What is the total pred The London Plan se			his should be updated based o	on As Build calculation	18.				£	
1A MINIMUM POLICY C	OMPLIANCE (NON-	RESIDENTIAL AND DOME	ESTIC REFURBISHMENT)							
		Please check the	e Guidance Section of this S	PD for the policy red	uirements					
Environmental Rating of deve Non-Residential new-build (10)										
BREEAM Level Excellent required under Police	v LP22 A 3		Excellent	Have	you attached a pre-as	ssessment to support t	his?			TRUE
Extensions and conversions for	or residential dwelling	js	Excellent	Have	vou attached a pre-a:	ssessment to support t	his?			TRUE
BREEAM DOMESTIC R	y LP22 A 4	ildinas			,,					
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	f.	see Policy LP 10 Have you attached a Lighting Pollution Report?	-	
ĺ	Please g	give any additional relevant comments to the Energy Use and Pollution Section below	Subtotal 35	
	3. TRAN	ISPORT		
		vision for the safe efficient and sustainable movement of people and goods  Does your development provide opportunities for occupants to use innovative travel technologies?		TRUE
	Please e	explain:		
,	b.	Does your development provide for 100% active provision for electric vehicle charging point(s) and have you successfully demonstrated that it would be able to operate satisfactorily in the future expectation of all vehicles being electrically powered?	Score 2	TRUE
	C.	For major developments ONLY: Has a Transport Assessment been produced for your development based on TfL's Best Practice Guidance?  If you have provided a Transport Assessment as part of your planning application, please tick here and move to Section 3 of this Checklist.	5	TRUE
	d.	See policy LP44  For smaller developments ONLY: Have you provided a Transport Statement?	5	TRUE
	e.	Does your development provide cycle storage? (Standard space requirements are set out in the Council's Parking Standards - Local Plan Appendix 3)	2	TRUE
		If so, for how many bicycles?  Is this shown on the site plans?		TRUE
	f.	See Local Plan Appendix 3 Will the development create or improve links with local and wider transport networks? If yes, please provide details.	2	TRUE
	Please o	give any additional relevant comments to the Transport Section below	Subtotal 16	
	1 10430 5	уне влу вородот получить солительно от теттерот. Осстол в осто		
		BIODIVERSITY imising the threat to biodiversity from new buildings, lighting, hard surfacing and people	0	FALOR
	a. b.	Does your development involve the loss of an ecological feature or habitat, including a loss of garden or other green space? (Indicate if yes)  If so, please state how much in sqm?  Does your development involve the removal of any tree(s)? (Indicate if yes)	sqm	FALSE TRUE
	υ.	If so, has a tree report been provided in support of your application? (Indicate if yes)		TRUE
	C.	Does your development plan to add (and not remove) any tree(s) on site? (Indicate if yes)		TRUE
	d.	Please indicate which features and/or habitats that your development will incorporate to improve on site biodiversity:  Pond, reedbed or extensive native planting An extensive green roof An intensive green roof Garden space Additional native and/or wildlife friendly planting to peripheral areas Additional planting to peripheral areas Additional planting to peripheral areas Aliving wall Bat boxes Bird boxes Bird boxes Other Other Other	sqm sqm sqm sqm 30 sqm 30 sqm 660 sqm	FALSE FALSE FALSE FALSE TRUE TRUE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE
	e.	Does your development use at least 70% of available roof plate as green/brown roof Policy LP 17 requires 70%	1 Subtotal 8	FALSE
ı	Please	give any additional relevant comments to the Biodiversity Section below	Subtotal 6	
5.1	5 Mitigatir a.	FLOODING AND DRAINAGE  ng the risks of flooding and other impacts of climate change in the borough  Is your site located in a high flood risk zone (Zone 3)? (Indicate if yes)  Have you submitted a Flood Risk Assessment? (Indicate if yes)	-2	TRUE TRUE
	b.	Which of the following measures of the drainage hierarchy are incorporated onto your site? (tick all that apply)  Store rainwater for later use Use of infiltration techniques such as porous surfacing materials to allow drainage on-site  Attenuate rainwater in ponds or open water features Store rainwater in tanks for gradual release to a watercourse Discharge rainwater directly to watercourse Discharge rainwater to surface water drain Discharge rainwater to combined sewer	5 3 4 3 2 1 0	TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE
		Have you submitted a Drainage Statement (Indicate if yes) See Policy LP 21 and Draft London Plan SL 13		TRUE
	C.	Please give the change in area of permeable surfacing which will result from your development proposal:  Please provide details of the permeable surfacing below please represent a loss in permeable area as a negative number	sqm Subtotal 16	
	Please g	give any additional relevant comments to the Flooding and Drainage Section below	Subtotal 16	
	6 6.1 Red	IMPROVING RESOURCE EFFICIENCY uce waste generated and amount disposed of by landfill though increasing level of re-use and recycling		
	a.	Will demolition be required on your site prior to construction? [Points will only be awarded if 10% or greater of demolition waste is reused/recycled]	1	FALSE
		If so, what percentage of demolition waste will be recycled?  N/A  What percentage of demolition waste will be recycled?	% %	
	b.	Does your site have any contaminated land?  Have you submitted an assessment of the site contamination?	1 2	FALSE FALSE

		qave you subm	ce to remediate the contamination% tted a remediation plan%	2 1	BALSE		
			ce to include composting on site%	1	TRUE		
c. Will a waste management plan and facilities be in place in line with Policy LP24							
6.2 Red a.	lucing lefels op water w Will the following measu	litting of water ,se of water eff		1 1 4 4	TRUE TRUE BALSE TRUE TRUE		
				Subtotal 8			
Please	give any additional releva	ant comments to t	re =mproving Resource £fficiency Mection below				
7	ACCESSIHILITY						
7.1 a.	Ensure plexible ada:ta	able and long-ter	n use op structures meet the reTuirements of the nationally described space standard for internal space and layout%	1	Please SelectF		
۵.	ip allo dollololillolit lo l		s are not metS in the space belowS please provide details of the functionality of the internal space and layout	<u> </u>	1 10000 001000		
			N/A				
AND b.	In the defelerment is r	acidantial C will i	meet Building Regulation ReTuirement -4 (2) 'accessible and adaptable dwellings'%	2	Please SelectF		
U.	ip the defelo.ment is i		tS in the space belowS please provide details of any accessibility measures included in the development.	€	riease Selectr		
			N/A				
			- the desired of the second of		DI 0-1		
			ntial developmentsS are 106 or more of the units in the development to Building Regulation ReTuirement -4 user dwellings'%	1	Please SelectF		
OR							
C.	Ip the defelo:ment is n	on-residential,	oes it comply with reTuirements included in RichmondQs Local Plan LP1S LP28.BS LP30 & LP45	2	TRUE		
		Please provide	details of the accessibility measures specified in the Local Plan that will be included in the development				
			N/A				
				Subtotal 2			
Please	give any additional releva	ant comments to t	ne Eesign Mtandards and Accessibility Mection below	Subtotal 2			
			N/A				
LHRUT Sus	stainable Construction C	hecklist- Scorin	Matrix por New Construction (Non-Residential and domestic repurb)	TOTAL 10			
	Score	Rating	Signipicance				
	84 or more 75-83	A+ A	Project strives to achieve highest standard in energy efficient sustainable development -akes a major contribution towards achieving sustainable development in Richmond				
	56-74	В	qelps to significantly improve the BoroughQs stock of sustainable developments				
	40-55	C	-inimal effort to increase sustainability beyond general compliance				
	39 or less	FAIL	Eoes not comply with MPE Policy				
LUDUT			Note: A second of the second o				
LHKUI Sus	Score	Rating	Matrix por New Construction Residential new-build				
	85 or more	A++	Signipicance Project strives to achieve highest standard in energy efficient sustainable development				
	68-84	A+	Project strives to achieve higher standard in energy efficient sustainable development				
	59-67	A	-akes a major contribution towards achieving sustainable development in Richmond				
	39-58	В	qelps to significantly improve the BoroughQs stock of sustainable developments				
	24-38	С	-inimal effort to increase sustainability beyond general compliance				
	23 or less	FAIL	Eoes not comply with MPE Policy				
AuthorisationF I herewith declare that I have filled in this form to the best of my knowledge							
I herew	th declare that I have fille	ea in this form to i		10 10 00			
			signature Max Dewdney	Date 19.12.20	1z.12.20		