

Scenario 1: Low density

3,500 dwellings

Site	Plot	Development type	Total	Local Plan Phase 3					Local Plan Phase 4					Local Plan Phase 5				
				2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
National Grid	b	Homes (mkt+affd):	265					53	53	53	53	53						
	b	Workspace/office sq m (GEA):	742														742	
	b	Retail/soc/community sq m (GEA):	400														400	
Ballymore	c,h	Homes (mkt+affd):	1,458					292	292	292	292	292						
	c,h	Workspace/office sq m (GEA):	4,237									2,119	2,119					
	c,h	Retail/soc/community sq m (all; GEA at Sainsbury):	400														400	
Sainsbury's	d,f,g	Homes (mkt+affd):	928										186	186	186	186	186	
	d,f,g	Workspace/office sq m (GEA):	2,521									1,261	1,261					
	d,f,g	Retail/soc/community sq m (all; GEA at Sainsbury):	12,056					4,019	4,019	4,019								
North Pole	h,j,k,l,m,n,c	Homes (mkt+affd):	850									170	170	170	170	170		
	h,j,k,l,m,n,c	Workspace/office sq m (GEA):	2,500														1,250	1,250
	h,j,k,l,m,n,c	Retail/soc/community sq m (all; GEA at Sainsbury):	400														400	
Total		Homes (mkt+affd):	3,500					345	345	345	515	515	356	356	356	186	186	
		Workspace/office sq m (GEA):	10,000								3,379	3,379	742				1,250	1,250
		Retail/soc/community sq m (all; GEA at Sainsbury):	13,256					4,019	4,019	4,019				1,200				

Scenario 2: Medium density

4,200 dwellings

Site	Plot	Development type	Total	Local Plan Phase 3					Local Plan Phase 4					Local Plan Phase 5				
				2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
National Grid	b	Homes (mkt+affd):	315					63	63	63	63	63						
	b	Workspace/office sq m (GEA):	742														742	
	b	Retail/soc/community sq m (all; GEA at Sainsbury):	400														400	
Ballymore	c,h	Homes (mkt+affd):	1,733					347	347	347	347	347						
	c,h	Workspace/office sq m (GEA):	4,237									2,119	2,119					
	c,h	Retail/soc/community sq m (Sainsbury GEA):	400														400	
Sainsbury's	d,f,g	Homes (mkt+affd):	1,103										221	221	221	221	221	
	d,f,g	Workspace/office sq m (GEA):	2,521									1,261	1,261					
	d,f,g	Retail/soc/community sq m (all; GEA at Sainsbury):	12,056					4,019	4,019	4,019								
North Pole	h,j,k,l,m,n,c	Homes (mkt+affd):	1,050									210	210	210	210	210		
	h,j,k,l,m,n,c	Workspace/office sq m (GEA):	2,500														1,250	1,250
	h,j,k,l,m,n,c	Retail/soc/community sq m (all; GEA at Sainsbury):	400														400	
Total		Homes (mkt+affd):	4,200					410	410	410	620	620	431	431	431	221	221	
		Workspace/office sq m (GEA):	10,000								3,379	3,379	742				1,250	1,250
		Retail/soc/community sq m (all; GEA at Sainsbury):	13,256					4,019	4,019	4,019				1,200				

Scenario 3: High density

5,000 dwellings

Site	Plot	Development type	Total	Local Plan Phase 3					Local Plan Phase 4					Local Plan Phase 5				
				2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
National Grid	b	Homes (mkt+affd):	375					75	75	75	75	75						
	b	Workspace/office sq m (GEA):	742														742	
	b	Retail/soc/community sq m (all; GEA at Sainsbury):	400														400	
Ballymore	c,h	Homes (mkt+affd):	2,063					413	413	413	413	413						
	c,h	Workspace/office sq m (GEA):	4,237									2,119	2,119					
	c,h	Retail/soc/community sq m (all; GEA at Sainsbury):	400														400	
Sainsbury's	d,f,g	Homes (mkt+affd):	1,313										263	263	263	263	263	
	d,f,g	Workspace/office sq m (GEA):	2,521									1,261	1,261					
	d,f,g	Retail/soc/community sq m (all; GEA at Sainsbury):	12,056					4,019	4,019	4,019								
North Pole	h,j,k,l,m,n,c	Homes (mkt+affd):	1,250									250	250	250	250	250		
	h,j,k,l,m,n,c	Workspace/office sq m (GEA):	2,500														1,250	1,250
	h,j,k,l,m,n,c	Retail/soc/community sq m (all; GEA at Sainsbury):	400														400	
Total		Homes (mkt+affd):	5,000					488	488	488	738	738	513	513	513	263	263	
		Workspace/office sq m (GEA):	10,000								3,379	3,379	742				1,250	1,250
		Retail/soc/community sq m (all; GEA at Sainsbury):	13,256					4,019	4,019	4,019				1,200				

Scenario 1	Project details for this scenario																	
	S106/S278 funding sought (£000s)																	
	Developer funding assumed (£000s)			8500														
	MUSCO/ESCO/utility funding assumed (£000s)			8500														
	Other funding assumed (£000s)																	
Project name	LV cable network																	
Project ref	UE03																	
About the project	Quantity varies between scenarios based on load																	
What priority?	1) critical enabling																	
Which lead organisation?	UK Power Networks (LPN)																	
Project delivery risk																		
Strategic/site specific? Which site?	Strategic cross-site																	
Scenario	Total (£000s)	%	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Scenario 1	Project details for this scenario																	
	Specific to each scenario requirements																	
	Gross cost (£000s)			250														
	Cost attrib National Grid (£000s)			13														
	Cost attrib Ballymore (£000s)			88														
	Cost attrib Sainsbury's (£000s)			100														
	Cost attrib North Pole (£000s)			50														
	Cost attrib Other (£000s)																	
	Mainstream funding assumed (£000s)																	
	S106/S278 funding sought (£000s)																	
	Developer funding assumed (£000s)			250														
	MUSCO/ESCO/utility funding assumed (£000s)			27														
	Other funding assumed (£000s)			27														
Scenario 2	Project details for this scenario																	
	Specific to each scenario requirements																	
	Gross cost (£000s)			300														
	Cost attrib National Grid (£000s)			6														
	Cost attrib Ballymore (£000s)			102														
	Cost attrib Sainsbury's (£000s)			117														
	Cost attrib North Pole (£000s)			75														
	Cost attrib Other (£000s)																	
	Mainstream funding assumed (£000s)																	
	S106/S278 funding sought (£000s)																	
	Developer funding assumed (£000s)			300														
	MUSCO/ESCO/utility funding assumed (£000s)			30														
	Other funding assumed (£000s)			30														
Scenario 3	Project details for this scenario																	
	Specific to each scenario requirements																	
	Gross cost (£000s)			350														
	Cost attrib National Grid (£000s)			18														
	Cost attrib Ballymore (£000s)			105														
	Cost attrib Sainsbury's (£000s)			140														
	Cost attrib North Pole (£000s)			88														
	Cost attrib Other (£000s)																	
	Mainstream funding assumed (£000s)																	
	S106/S278 funding sought (£000s)																	
	Developer funding assumed (£000s)			350														
	MUSCO/ESCO/utility funding assumed (£000s)			34														
	Other funding assumed (£000s)			34														
Components																		
Project name	Pocket 11kV Substations																	
Project ref	UE04																	
About the project	Quantity varies between scenarios based on load																	
What priority?	1) critical enabling																	
Which lead organisation?	UK Power Networks (LPN)																	
Project delivery risk																		
Strategic/site specific? Which site?	Strategic cross-site																	
Scenario	Total (£000s)	%	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Scenario 1	Project details for this scenario																	
	Specific to each scenario requirements																	
	Gross cost (£000s)			760														
	Cost attrib National Grid (£000s)			38														
	Cost attrib Ballymore (£000s)			266														
	Cost attrib Sainsbury's (£000s)			304														
	Cost attrib North Pole (£000s)			152														
	Cost attrib Other (£000s)																	
	Mainstream funding assumed (£000s)																	
	S106/S278 funding sought (£000s)																	
	Developer funding assumed (£000s)			760														
	MUSCO/ESCO/utility funding assumed (£000s)			81														
	Other funding assumed (£000s)			81														
Scenario 2	Project details for this scenario																	
	Specific to each scenario requirements																	
	Gross cost (£000s)			880														
	Cost attrib National Grid (£000s)			18														
	Cost attrib Ballymore (£000s)			299														
	Cost attrib Sainsbury's (£000s)			343														
	Cost attrib North Pole (£000s)			220														
	Cost attrib Other (£000s)																	
	Mainstream funding assumed (£000s)																	
	S106/S278 funding sought (£000s)																	
	Developer funding assumed (£000s)			880														
	MUSCO/ESCO/utility funding assumed (£000s)			87														
	Other funding assumed (£000s)			87														
Scenario 3	Project details for this scenario																	
	Specific to each scenario requirements																	
	Gross cost (£000s)			1040														
	Cost attrib National Grid (£000s)			52														
	Cost attrib Ballymore (£000s)			312														
	Cost attrib Sainsbury's (£000s)			416														
	Cost attrib North Pole (£000s)			260														
	Cost attrib Other (£000s)																	
	Mainstream funding assumed (£000s)																	
	S106/S278 funding sought (£000s)																	
	Developer funding assumed (£000s)			1040														
	MUSCO/ESCO/utility funding assumed (£000s)			102														
	Other funding assumed (£000s)			102														
Disconnections and diversionary works																		
Project name	HV Cable Network																	
Project ref	UE04																	
About the project	Quantity varies between scenarios based on load																	
What priority?	1) critical enabling																	
Which lead organisation?	UK Power Networks (LPN)																	
Project delivery risk																		
Strategic/site specific? Which site?	Strategic cross-site																	
Scenario	Total (£000s)	%	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Scenario 1	Project details for this scenario																	
	Specific to each scenario requirements																	
	Gross cost (£000s)			400														
	Cost attrib National Grid (£000s)			20														
	Cost attrib Ballymore (£000s)			140														
	Cost attrib Sainsbury's (£000s)			160														
	Cost attrib North Pole (£000s)			80														
	Cost attrib Other (£000s)																	
	Mainstream funding assumed (£000s)																	
	S106/S278 funding sought (£000s)																	
	Developer funding assumed (£000s)			400														
	MUSCO/ESCO/utility funding assumed (£000s)			43														
	Other funding assumed (£000s)			43														
Scenario 2	Project details for this scenario																	
	Specific to each scenario requirements																	
	Gross cost (£000s)			450														
	Cost attrib National Grid (£000s)			9														
	Cost attrib Ballymore (£000s)			153														
	Cost attrib Sainsbury's (£000s)			176														
	Cost attrib North Pole (£000s)			113														
	Cost attrib Other (£000s)																	
	Mainstream funding assumed (£000s)																	
	S106/S278 funding sought (£000s)																	
	Developer funding assumed (£000s)			450														
	MUSCO/ESCO/utility funding assumed (£000s)			45														
	Other funding assumed (£000s)			45														
Scenario 3	Project details for this scenario																	

Gas

What infrastructure is needed?

From initial correspondence with Cadent, it has been identified that there is currently sufficient capacity in the local gas network, with no need for any network reinforcement works.

It has been confirmed by Cadent, based on the current gas network the proposed development could be served directly from the existing low pressure (LP) and medium pressure (MP) gas network via a pressure reducing station (PRS). Where connections to the existing MP mains are required, a PRS would be provided in a suitable location and would reduce to LP gas and distribute to the development areas.

How can infrastructure be paid for?

At this stage it is assumed that the cost of this infrastructure would be pro-rata'd between the relevant developers.

There could also be opportunity to discuss proposals with independent network operators (IDNOs), as it might be possible to off-set start-up costs with future revenue. This is typically an option when retaining a single IDNO to provide and supply a single utility, or otherwise joint utilities (typically gas and electricity) which could result in a greater cost off-set, but less flexibility for the developer. This would require in depth engagement and full understanding of all benefits and weaknesses.

Notes, issues and recommendations

The gas costs can be partitioned into the following categories:

- On-site distribution infrastructure (LP gas mains);
- Components (PRS);

All costs are estimated based on a high level review of demand, layout of the site and the current status of the local gas network. Whilst the proposals are considered to be robust, there is scope for change of costs and required infrastructure in the time period prior to commencement.

It is recommended that engagement with Cadent, is undertaken at an early stage to confirm that capacity is still available at the time of commencement, or whether any reinforcement is required.

In addition it is recommended that engagement with Cadent Gas/IDNOs are undertaken at an early stage in order to understand the most beneficial supply strategy (eg whether ad-hoc, but flexible arrangements are made on a plot by plot basis, or whether a strategy could be agreed to serve the entire site at the expense of future flexibility).

On-site distribution infrastructure

Project name	LP pipe network
Project ref	UG01
About the project	Required in all scenarios. Lengths pro-rata'd per load each year.
What priority?	1) critical enabling
Which lead organisation?	National Grid Gas
Project delivery risk	
Strategic/site specific? Which site?	Strategic cross-site

Scenario	Total (£000s)	%	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Scenario 1																		
Project details for this scenario																		
Gross cost (£000s)	150				25	25	2	17	17	36		14	14					
Cost attrib National Grid (£000s)	24	16			8	8				8								
Cost attrib Ballymore (£000s)	74	49			15	15		15	15	15								
Cost attrib Sainsbury's (£000s)	12	8			2	2	2	2	2									
Cost attrib North Pole (£000s)	41	27								14		14	14					
Cost attrib Other (£000s)																		
Mainstream funding assumed (£000s)																		
S106/S278 funding sought (£000s)																		
Developer funding assumed (£000s)	150				25	25	2	17	17	36		14	14					
MUSCO/ESCO/utility funding assumed (£000s)																		
Other funding assumed (£000s)																		
Scenario 2																		
Project details for this scenario																		
Gross cost (£000s)	165				35	35	4	22	22	36		6	6					
Cost attrib National Grid (£000s)	36	22			12	12				12								
Cost attrib Ballymore (£000s)	94	57			19	19		19	19	19								
Cost attrib Sainsbury's (£000s)	18	11			4	4	4	4	4									
Cost attrib North Pole (£000s)	17	10								6		6	6					
Cost attrib Other (£000s)																		
Mainstream funding assumed (£000s)																		
S106/S278 funding sought (£000s)																		
Developer funding assumed (£000s)	165				35	35	4	22	22	36		6	6					
MUSCO/ESCO/utility funding assumed (£000s)																		
Other funding assumed (£000s)																		
Scenario 3																		
Project details for this scenario																		
Gross cost (£000s)	175				29	29	3	20	20	42		16	16					
Cost attrib National Grid (£000s)	28	16			9	9				9								
Cost attrib Ballymore (£000s)	86	49			17	17		17	17	17								
Cost attrib Sainsbury's (£000s)	14	8			3	3	3	3	3									
Cost attrib Canalside House (£000s)																		
Cost attrib North Pole (£000s)	47	27								16		16	16					
Cost attrib Other (£000s)																		
Mainstream funding assumed (£000s)																		
S106/S278 funding sought (£000s)																		
Developer funding assumed (£000s)	175				29	29	3	20	20	42		16	16					
MUSCO/ESCO/utility funding assumed (£000s)																		
Other funding assumed (£000s)																		

Components

Project name	Pressure Reducing Station (PRS)
Project ref	UG02
About the project	Required in all scenarios.
What priority?	1) critical enabling
Which lead organisation?	National Grid Gas
Project delivery risk	
Strategic/site specific? Which site?	Strategic cross-site

Scenario	Total (£000s)	%	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Scenario 1																		
Project details for this scenario																		
Gross cost (£000s)	150				31	31	6	21	21	30		5	5					
Cost attrib National Grid (£000s)	30	20			10	10				10								
Cost attrib Ballymore (£000s)	75	50			15	15		15	15	15								
Cost attrib Sainsbury's (£000s)	30	20			6	6	6	6	6									
Cost attrib North Pole (£000s)	15	10								5		5	5					
Cost attrib Other (£000s)																		
Mainstream funding assumed (£000s)																		
S106/S278 funding sought (£000s)																		
Developer funding assumed (£000s)	150				31	31	6	21	21	30		5	5					
MUSCO/ESCO/utility funding assumed (£000s)																		
Other funding assumed (£000s)																		
Scenario 2																		
Project details for this scenario																		
Gross cost (£000s)	150				33	33	6	23	23	29		3	3					
Cost attrib National Grid (£000s)	30	20			10	10				10								
Cost attrib Ballymore (£000s)	83	55			17	17		17	17	17								
Cost attrib Sainsbury's (£000s)	30	20			6	6	6	6	6									
Cost attrib North Pole (£000s)	8	5								3		3	3					
Cost attrib Other (£000s)																		
Mainstream funding assumed (£000s)																		
S106/S278 funding sought (£000s)																		
Developer funding assumed (£000s)	150				33	33	6	23	23	29		3	3					
MUSCO/ESCO/utility funding assumed (£000s)																		
Other funding assumed (£000s)																		
Scenario 3																		
Project details for this scenario																		
Gross cost (£000s)	150				31	31	6	21	21	30		5	5					
Cost attrib National Grid (£000s)	30	20			10	10				10								
Cost attrib Ballymore (£000s)	75	50			15	15		15	15	15								
Cost attrib Sainsbury's (£000s)	30	20			6	6	6	6	6									
Cost attrib North Pole (£000s)	15	10								5		5	5					
Cost attrib Other (£000s)																		
Mainstream funding assumed (£000s)																		
S106/S278 funding sought (£000s)																		
Developer funding assumed (£000s)	150				31	31	6	21	21	30		5	5					
MUSCO/ESCO/utility funding assumed (£000s)																		
Other funding assumed (£000s)																		

Components

Project name	MP Diversion works
Project ref	UG03
About the project	Required in all scenarios.
What priority?	1) critical enabling

Scenario	Total (£000s)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Bus Services																	
Project name	Bus service enhancement (including realignment)																
Project ref	BS.01																
About the project	Requirement based on additional demand generated by new residents, resulting in the need to acquire additional buses. Costs based on £450,000/bus, spread over five years.																
What priority?	1) critical enabling																
Which lead organisation?	Transport for London																
Project delivery risk	[Redacted]																
Strategic/site specific? Which site?	Strategic cross-site																
Scenario	Total (£000s)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Scenario 1	10 additional buses																
	Gross cost (£000s)	4500				900	900	900	900	900							
	Cost attrib National Grid (£000s)	338				68	68	68	68	68							
	Cost attrib Ballymore (£000s)	1856				371	371	371	371	371							
	Cost attrib Sainsbury's (£000s)	1181				236	236	236	236	236							
	Cost attrib North Pole (£000s)	1125				225	225	225	225	225							
	Cost attrib Other (£000s)																
	Mainstream funding assumed (£000s)																
	S106/S278 funding sought (£000s)	4500				900	900	900	900	900							
	Direct Developer delivery assumed (£000s)																
	MUSCO/ESCO/utility funding assumed (£000s)																
	Other funding sought (£000s)																
Scenario 2	12 additional buses																
	Gross cost (£000s)	5400				1080	1080	1080	1080	1080							
	Cost attrib National Grid (£000s)	405				81	81	81	81	81							
	Cost attrib Ballymore (£000s)	2228				446	446	446	446	446							
	Cost attrib Sainsbury's (£000s)	1418				284	284	284	284	284							
	Cost attrib North Pole (£000s)	1350				270	270	270	270	270							
	Cost attrib Other (£000s)																
	Mainstream funding assumed (£000s)																
	S106/S278 funding sought (£000s)	5400				1080	1080	1080	1080	1080							
	Direct Developer delivery assumed (£000s)																
	MUSCO/ESCO/utility funding assumed (£000s)																
	Other funding sought (£000s)																
Scenario 3	14 additional buses																
	Gross cost (£000s)	6300				1260	1260	1260	1260	1260							
	Cost attrib National Grid (£000s)	473				95	95	95	95	95							
	Cost attrib Ballymore (£000s)	2599				520	520	520	520	520							
	Cost attrib Sainsbury's (£000s)	1654				331	331	331	331	331							
	Cost attrib North Pole (£000s)	1575				315	315	315	315	315							
	Cost attrib Other (£000s)																
	Mainstream funding assumed (£000s)																
	S106/S278 funding sought (£000s)	6300				1260	1260	1260	1260	1260							
	Direct Developer delivery assumed (£000s)																
	MUSCO/ESCO/utility funding assumed (£000s)																
	Other funding sought (£000s)																
Cycling																	
Project name	Parking - On street																
Project ref	CP.01, CP.02, CP.03 and CP.04																
About the project	On-Street cycle parking provision based on London Plan Minimum standards to accommodate short and long stay visitors to the development. Camden Stands are assumed with 2 space per stand.																
What priority?	2) essential mitigation																
Which lead organisation?	Royal Borough of Kensington and Chelsea																
Project delivery risk	[Redacted]																
Strategic/site specific? Which site?	Strategic cross-site																
Scenario	Total (£000s)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Scenario 1	CP.01																
	Gross cost (£000s)	34				34											
	Cost attrib National Grid (£000s)	3				3											
	Cost attrib Ballymore (£000s)	14				14											
	Cost attrib Sainsbury's (£000s)	9									9						
	Cost attrib North Pole (£000s)	9							9								
	Cost attrib Other (£000s)																
	Mainstream funding assumed (£000s)																
	S106/S278 funding sought (£000s)	34				17			9		9						
	Direct Developer delivery assumed (£000s)																
	MUSCO/ESCO/utility funding assumed (£000s)																
	Other funding sought (£000s)																
Scenario 2	CP.02																
	Gross cost (£000s)	38				38											
	Cost attrib National Grid (£000s)	3				3											
	Cost attrib Ballymore (£000s)	16				16											
	Cost attrib Sainsbury's (£000s)	10									10						
	Cost attrib North Pole (£000s)	10							10								
	Cost attrib Other (£000s)																
	Mainstream funding assumed (£000s)																
	S106/S278 funding sought (£000s)	28				19			10		10						
	Direct Developer delivery assumed (£000s)																
	MUSCO/ESCO/utility funding assumed (£000s)																
	Other funding sought (£000s)																
Scenario 3	CP.03																
	Gross cost (£000s)	42				42											
	Cost attrib National Grid (£000s)	3				3											
	Cost attrib Ballymore (£000s)	17				17											
	Cost attrib Sainsbury's (£000s)	11									11						
	Cost attrib North Pole (£000s)	11							11								
	Cost attrib Other (£000s)																
	Mainstream funding assumed (£000s)																
	S106/S278 funding sought (£000s)	42				20			11		11						
	Direct Developer delivery assumed (£000s)																
	MUSCO/ESCO/utility funding assumed (£000s)																
	Other funding sought (£000s)																
Project name	Cycle parking docking stations																
Project ref	CP.05 and CP.06																
About the project	Provide Cycle Hire 2 Docking Stations within Kensal Canalside. The Docking Station would be approximately 25m by 2m which provides the minimum space required for a viable docking station of 27 points.																
What priority?	2) essential mitigation																
Which lead organisation?	Royal Borough of Kensington and Chelsea																
Project delivery risk	[Redacted]																
Strategic/site specific? Which site?	Strategic cross-site																
Scenario	Total (£000s)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Scenario 1	CP.05																
	Gross cost (£000s)	1055				1055											
	Cost attrib National Grid (£000s)	79				79											
	Cost attrib Ballymore (£000s)	435				435											
	Cost attrib Sainsbury's (£000s)	277				277											
	Cost attrib North Pole (£000s)	264				264											
	Cost attrib Other (£000s)																
	Mainstream funding assumed (£000s)																
	S106/S278 funding sought (£000s)	1055				1055											
	Direct Developer delivery assumed (£000s)																
	MUSCO/ESCO/utility funding assumed (£000s)																
	Other funding sought (£000s)																
Scenario 2	CP.06																
	Gross cost (£000s)	1055				1055											
	Cost attrib National Grid (£000s)	79				79											
	Cost attrib Ballymore (£000s)	435				435											
	Cost attrib Sainsbury's (£000s)	277				277											
	Cost attrib North Pole (£000s)	264				264											
	Cost attrib Other (£000s)																
	Mainstream funding assumed (£000s)																
	S106/S278 funding sought (£000s)	1055				1055											
	Direct Developer delivery assumed (£000s)																
	MUSCO/ESCO/utility funding assumed (£000s)																

Scenario	Total (£000s)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Scenario 1	Cost attrib Ballymore (£000s) Cost attrib Sainsbury's (£000s) Cost attrib North Pole (£000s) Cost attrib Other (£000s) Mainstream funding assumed (£000s) S106/S278 funding sought (£000s) Direct Developer delivery assumed (£000s) MUSCO/ESCO/utility funding assumed (£000s) Other funding sought (£000s)					59											
Scenario 2	W.09 Gross cost (£000s) Cost attrib National Grid (£000s) Cost attrib Ballymore (£000s) Cost attrib Sainsbury's (£000s) Cost attrib North Pole (£000s) Cost attrib Other (£000s) Mainstream funding assumed (£000s) S106/S278 funding sought (£000s) Direct Developer delivery assumed (£000s) MUSCO/ESCO/utility funding assumed (£000s) Other funding sought (£000s)					59											
Scenario 3	W.09 Gross cost (£000s) Cost attrib National Grid (£000s) Cost attrib Ballymore (£000s) Cost attrib Sainsbury's (£000s) Cost attrib North Pole (£000s) Cost attrib Other (£000s) Mainstream funding assumed (£000s) S106/S278 funding sought (£000s) Direct Developer delivery assumed (£000s) MUSCO/ESCO/utility funding assumed (£000s) Other funding sought (£000s)					59											
Project name	Scrubs Lane toucan crossing																
Project ref	W.09 New Toucan controlled crossing on Scrubs Lane to facilitate better access to bus stops and Wormwood Scrubs Park.																
About the project																	
What priority?	3) high priority																
Which lead organisation?	Royal Borough of Kensington and Chelsea																
Project delivery risk																	
Strategic/site specific? Which site?	Strategic cross-site																
Scenario	Total (£000s)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Scenario 1	W.11 Gross cost (£000s) Cost attrib National Grid (£000s) Cost attrib Ballymore (£000s) Cost attrib Sainsbury's (£000s) Cost attrib North Pole (£000s) Cost attrib Other (£000s) Mainstream funding assumed (£000s) S106/S278 funding sought (£000s) Direct Developer delivery assumed (£000s) MUSCO/ESCO/utility funding assumed (£000s) Other funding sought (£000s)					59											
Scenario 2	Gross cost (£000s) Cost attrib National Grid (£000s) Cost attrib Ballymore (£000s) Cost attrib Sainsbury's (£000s) Cost attrib North Pole (£000s) Cost attrib Other (£000s) Mainstream funding assumed (£000s) S106/S278 funding sought (£000s) Direct Developer delivery assumed (£000s) MUSCO/ESCO/utility funding assumed (£000s) Other funding sought (£000s)					59											
Scenario 3	W.11 Gross cost (£000s) Cost attrib National Grid (£000s) Cost attrib Ballymore (£000s) Cost attrib Sainsbury's (£000s) Cost attrib North Pole (£000s) Cost attrib Other (£000s) Mainstream funding assumed (£000s) S106/S278 funding sought (£000s) Direct Developer delivery assumed (£000s) MUSCO/ESCO/utility funding assumed (£000s) Other funding sought (£000s)					59											
Project name	Kensal Canalside and North Pole London Signs																
Project ref	W.10 Provide Legible London signs as follows: - up to 4 signs within Kensal Canalside - up to 2 signs with North Pole																
About the project																	
What priority?	1) critical enabling																
Which lead organisation?	Transport for London																
Project delivery risk																	
Strategic/site specific? Which site?	Strategic cross-site																
Scenario	Total (£000s)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Scenario 1	W.12 Gross cost (£000s) Cost attrib National Grid (£000s) Cost attrib Ballymore (£000s) Cost attrib Sainsbury's (£000s) Cost attrib North Pole (£000s) Cost attrib Other (£000s) Mainstream funding assumed (£000s) S106/S278 funding sought (£000s) Direct Developer delivery assumed (£000s) MUSCO/ESCO/utility funding assumed (£000s) Other funding sought (£000s)					82			62					21			
Scenario 2	Gross cost (£000s) Cost attrib National Grid (£000s) Cost attrib Ballymore (£000s) Cost attrib Sainsbury's (£000s) Cost attrib North Pole (£000s) Cost attrib Other (£000s) Mainstream funding assumed (£000s) S106/S278 funding sought (£000s) Direct Developer delivery assumed (£000s) MUSCO/ESCO/utility funding assumed (£000s) Other funding sought (£000s)					82			62					21			
Scenario 3	W.12 Gross cost (£000s) Cost attrib National Grid (£000s) Cost attrib Ballymore (£000s) Cost attrib Sainsbury's (£000s) Cost attrib North Pole (£000s) Cost attrib Other (£000s) Mainstream funding assumed (£000s) S106/S278 funding sought (£000s) Direct Developer delivery assumed (£000s) MUSCO/ESCO/utility funding assumed (£000s) Other funding sought (£000s)					82			62					21			

Education

What infrastructure is needed?

In this section we deal with Primary and Secondary school provision as two projects. Primary schooling includes nursery places and secondary schooling includes sixth form places.

Assessing the future school requirements

The requirement for school places is driven by the annual birth rate, the current school population, movement into and out of the local authority area, housing development, cross border travel to attend schools and the provision of private school places. For the purpose of this assessment we have assumed that some of the demand will be able to be absorbed by existing schools provision, but that new provision will be required.

There are two levels we have considered:

- Primary schools are organised in classes of 30 pupils (there is a statutory maximum of 30 pupils for 4 to 7 years). One class is one Form Entry (FE). Taking the 30 pupils across 7 years of primary school means that primary schools are built in blocks of 210 places. We have assumed that primary schools include an allowance for nursery places and these are additional to primary places. We assume that one FE addition would therefore bring additional capacity for up to 30 children every year after delivery.
- A single secondary school FE is 150 (30 x 5 classes). Adding sixth form (60 students) raises the FE to 210. We consider ages 11 to 18 for our secondary school assessment. We assume that one FE addition would therefore bring additional capacity for up to 30 children every year after delivery.

Growth estimates have been determined using the GLA Calculator

Growth has been apportioned according to growth in the trajectory and for each scenario. We have applied percentage discounts to account for children attending private school (50% for nursery and secondary/sixth form, 10% for primary), and sixth form continuance rates (62.5%). As the OA is right on the boundary of RBKC, we have assumed that up to 20% of children would cross into other boroughs to attend school.

New school provision

We have offset growth estimates against planned school provision. All primary schools are considered near to the site, and are within the borough. Barlby Primary is expected to accommodate 10 new primary spaces a year from 2021, following its upgrade currently under construction. St Francis de Assisi and Oxford Gardens Primary are expected to expand by half an FE each. For these we have therefore assumed additional capacity for 15 primary age children at each. We have assumed that these extensions will be in place when build out of the OA is expected to begin (2024). After discounts are applied, and estimates are offset against this planned provision, the total number of children for which there will be state primary educational needs is estimated as follows:

Lower density scenario: 220, approximately 1 FE

Medium density scenario: 339, approximately 1.5 FE

High density scenario: 473, approximately 2 FE

The costs for 100% of both these schools - £2.5m for St Francis de Assisi, £1m for Oxford Gardens - has been incorporated into the DIFS in 2024. These high level costs were provided by RBKC. We have not incorporated the small expansion of Barlby Primary into our costs as it will have been delivered prior to the build out of the OA.

Two borough secondary schools - Kensington Aldridge Academy and All Saints Catholic College - are expected to expand by 1 FE each. We have assumed that these expansions would be delivered by 2021. We assume that this means capacity for 30 secondary children will open up at each school every year. When this capacity is offset against growth, across all scenarios, it will be accommodated within these expansions, provided that places are available from 2024.

RBKC informed us that the 1FE expansion at All Saints College is expected to cost £3m. In the absence of an equivalent figure for a similar expansion at Kensington Aldridge Academy, we have assumed the same cost. As not all of the capacity enabled by these expansions is fully filled by development at the OA, we have taken a proportional approach (38% for the lower, 46% for the medium, and 54% for the high density scenario), apportioned over the DIFS trajectory.

How will future school provision be provided?

For primary schools we recommend a combination of extensions and new schools across the different growth scenarios. The lower density scenario would require a 1FE expansion to a nearby school around 2031. The medium density scenario would require a 1FE expansion in 2028, and a 0.5 FE expansion in 2031. The high density scenario would require a new 2FE primary school by 2031.

Contributions to identified potential expansion projects are recommended for secondary schools.

How can infrastructure be paid for?

Additional school places are currently funded from three main funding streams

The funding streams available for schools are:

- Developer contributions to meet growth related needs (for instance through S106 or CIL). There is a presumption by the DfE that all authorities will ask developers for a contribution of funds or land or buildings to assist with the impact on the local education infrastructure;
- Dedicated Schools Grant received from the Department for Education (DfE) to meet existing need. This is split into three blocks, the Schools Block, the Early Years Block, and High Needs Block; and
- Various ad hoc funding bids stemming from the DfE.

We assume that new schools and expansions will receive DfE Dedicated Schools Grant Funding

The main source of revenue for state-funded schools in England is the Dedicated Schools Grant (DSG). For this study we have assumed that mainstream funders (DfE) will pay 50% towards the capital requirement arising from growth. With development S106 picking up the remaining 50%.

The provision, management and funding of education infrastructure is going through changes at present

There is some uncertainty as to how and where future school provision will be due to the formation of Academies and Free Schools at both primary and secondary level. The role of the Education authority is changing, and whilst it has responsibility for existing schools, it may not for new schools. These changes in funding and management of schools could introduce opportunities for new mainstream mechanisms for providing schools in the future.

Notes, issues and recommendations

In determining the likely provision for education facilities for each scenario, we have made a number of key assumptions which have been discussed with RBKC. Where information has not been provided we have filled in the gaps with assumptions, all of which are outlined in the sections above.

In addition the following should be noted.

- The education capacity data should be treated as a snapshot in time as the situation will be constantly changing.
- Regular reviews of the DIF will be required to reflect the changing landscape in education provision and funding.

Early Years and Primary

Project name	Extensions to primary schools - already planned and new proposed extensions, potential new primary school																	
Project ref	E01																	
About the project	The FE number differs between scenarios and is detailed within each scenario section. Assume that the cost for schools is split between S106/CIL and mainstream funding.																	
What priority?	1) critical enabling																	
Which lead organisation?	Various (developers, academies, free schools)																	
Project delivery risk	Strategic cross-site																	
Strategic/site specific? Which site?	Strategic cross-site																	
Scenario	Total (£000s)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	
Scenario 1	Project details for this scenario	Scenario 1 would require a 1FE expansion by 2031 to accommodate growth. This is after capacity created by extensions to local schools is taken into account. Costs for these extensions have been entered into the DIFS at 2024.																
	Gross cost (£000s)	8500				3500							5000					
	Cost attrib National Grid (£000s)	644				265							379					
	Cost attrib Ballymore (£000s)	3540				1458							2082					
	Cost attrib Sainsbury's (£000s)	2253				928							1325					
	Cost attrib Canalside House (£000s)																	
	Cost attrib North Pole (£000s)	2064					850							1214				
	Cost attrib Other (£000s)																	
	Mainstream funding assumed (£000s)	4250					1750							2500				
	S106/S278 funding sought (£000s)	4250					1750							2500				
	Direct Developer delivery assumed (£000s)																	
MUSCO/ESCO/utility funding assumed (£000s)																		
Other funding sought (£000s)																		
Scenario 2	Project details for this scenario	Scenario 2 would require a new 2 FE primary school by 2031 to accommodate growth. This is after capacity created by extensions to local schools is taken into account. Costs for these extensions have been entered into the DIFS at 2024.																
	Gross cost (£000s)	11000				3500				5000			2500					
	Cost attrib National Grid (£000s)	825				263				375			188					
	Cost attrib Ballymore (£000s)	4538				1444				2063			1031					
	Cost attrib Sainsbury's (£000s)	2888				919				1313			656					
	Cost attrib Canalside House (£000s)																	
	Cost attrib North Pole (£000s)	2750					875			1250			625					
	Cost attrib Other (£000s)																	
	Mainstream funding assumed (£000s)	5500					1750			2500			1250					
	S106/S278 funding sought (£000s)	5500					1750			2500			1250					
	Direct Developer delivery assumed (£000s)																	
MUSCO/ESCO/utility funding assumed (£000s)																		
Other funding sought (£000s)																		
Scenario 3	Project details for this scenario	Scenario 3 would require a 1FE expansion by 2028, and a half-FE expansion in 2031 to accommodate growth. This is after capacity created by extensions to local schools is taken into account. Costs for these extensions have been entered into the DIFS at 2024.																
	Gross cost (£000s)	12200				3500							8700					
	Cost attrib National Grid (£000s)	915				263				375			653					
	Cost attrib Ballymore (£000s)	5033				1444				2063			3589					
	Cost attrib Sainsbury's (£000s)	3203				919				1313			2284					
	Cost attrib Canalside House (£000s)																	
	Cost attrib North Pole (£000s)	3050					875			1250			2175					
	Cost attrib Other (£000s)																	
	Mainstream funding assumed (£000s)	6100					1750			2500			4350					
	S106/S278 funding sought (£000s)	6100					1750			2500			4350					
	Direct Developer delivery assumed (£000s)																	
MUSCO/ESCO/utility funding assumed (£000s)																		
Other funding sought (£000s)																		
Secondary																		
Project name	Extensions to secondary schools - Kensington Aldridge Academy and All Saints Catholic College																	
Project ref	E02																	
About the project	Gross costs for each scenario are based on a proportion of the costs to upgrade Kensington Aldridge Academy and All Saints Catholic College, each assumed to be £3m each. The capacity created at each is enough to accommodate growth in the OA in all scenarios. The extent to which those places are taken up by children from the OA, varies. The lower the number of children in the scenario, the lower the proportion of the costs of the extensions are given to costs for that scenario.																	
What priority?	1) critical enabling																	
Which lead organisation?	Various (developers, academies, free schools)																	
Project delivery risk	Strategic cross-site																	
Strategic/site specific? Which site?	Strategic cross-site																	
Scenario	Total (£000s)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	
Scenario 1	Project details for this scenario	38% of the capacity created by the secondary school extensions would be filled by students from Kensington Canalside OA. The extensions are assumed to both cost £6m. Gross costs are therefore assumed to be 38% of £6m, or £2.287m.																
	Gross cost (£000s)	2287				225	225	225	336	336	232	232	232	121	121			
	Cost attrib National Grid (£000s)	173				35	35	35	35	35								
	Cost attrib Ballymore (£000s)	952				190	190	190	190	190								
	Cost attrib Sainsbury's (£000s)	606										121	121	121	121	121		

Health Services

What infrastructure is needed?

In this section we look at the primary healthcare needs arising from development at Kensal Canalside.

All scenarios have different levels of growth however we have assessed the projected need as requiring one new standalone GP practice in every scenario. The difference, is the potential for a small overprovision in the Lower growth scenario, and a small underprovision in the High growth scenario. A rough rule of thumb used in calculating primary health care needs across the country is that there should be one GP, together with supporting staff, for every 1,800 people. A modern GP practice would expect to provide 6 GPs, therefore serving around 10,800 people. We have not made an assumption on whether the new facility would be provided on-site or off-site.

Funding for GP surgeries is assumed to align with demand

A practice will most efficiently be constructed in a single phase and it will be inefficient if the space is not filled, and so we have timed delivery towards the end of the OA being built-out. Taking an estimate of the population in the area for each scenario, we expect to see the demand for between 5, 6, and 7 GPs, for the Lower, Medium, and High growth scenarios, respectively. The practice would be required in 2031 (for Lower and Medium), and 2030 (for High).

How can infrastructure be paid for?

The funding line assumes that provision would be built by a developer, but leased back to the NHS to at least cover the developer's costs. If we do assume that a development and lease-back deal can be agreed, we assume that half of the capital costs of the GP practice are supported through S106. This is because CCG capital and revenue funding is cash limited, so it is vital that additional funding is provided through alternative means. In effect, then, we assume that developers will pay 50% of the upfront costs for the development of each surgery, and S106 will pay 50%. The developer's share of the costs (including financing) will be repaid by the public sector over time. We assume that, because the developer's development and financing costs are paid ultimately by the NHS, that this is cost neutral to the developer.

Notes, issues and recommendations

The GP practice is assumed to be able to accommodate up to 6 GPs in a three-storey building containing a lift core. Land costs are excluded and other key exclusions apply.

The proportion of social housing and the mix of housing types and sizes, particularly family housing will affect health demands. Our updated estimated population calculations have been derived from the GLA calculator. The results are consistent with the same estimates produced for other social infrastructure topics in this DIFS.

Primary care (GPs)

Project name	Primary health care facilities, generic GP surgery extension
Project ref	HS01
About the project	New GP surgery required for 6 GPs
What priority?	2) essential mitigation
Which lead organisation?	West London Clinical Commissioning Group
Project delivery risk	
Strategic/site specific? Which site?	Strategic cross-site

Scenario	Total (£000s)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035		
Scenario 1	Project details for this scenario	Assuming a population of 8801, there would be 5 GPs required to support the population. The GP practice would have capacity for 6 GPs, so if fully utilised would represent a small but acceptable overprovision. We assume this would be required in 2032.																	
	Gross cost (£000s)	5691															5691		
	Cost attrib National Grid (£000s)	431															431		
	Cost attrib Ballymore (£000s)	2370															2370		
	Cost attrib Sainsbury's (£000s)	1508															1508		
	Cost attrib Canalside House (£000s)																		
	Cost attrib North Pole (£000s)	1382															1382		
	Cost attrib Other (£000s)																		
	Mainstream funding assumed (£000s)	5691															5691		
	S106/S278 funding sought (£000s)																		
	Direct Developer delivery assumed (£000s)																		
MUSCO/ESCO/utility funding assumed (£000s)																			
Other funding sought (£000s)																			
Scenario 2	Project details for this scenario	Assuming population of 10562, there would be 6 GPs required to support the population. We assume this would be required in 2032.																	
	Gross cost (£000s)	5691															5691		
	Cost attrib National Grid (£000s)	427															427		
	Cost attrib Ballymore (£000s)	2348															2348		
	Cost attrib Sainsbury's (£000s)	1494															1494		
	Cost attrib Canalside House (£000s)																		
	Cost attrib North Pole (£000s)	1423															1423		
	Cost attrib Other (£000s)																		
	Mainstream funding assumed (£000s)	5691															5691		
	S106/S278 funding sought (£000s)																		
	Direct Developer delivery assumed (£000s)																		
MUSCO/ESCO/utility funding assumed (£000s)																			
Other funding sought (£000s)																			
Scenario 3	Project details for this scenario	Assuming population of 12574, there would be 7 GPs required to support the population. The GP practice has been costed for 6 GPs only, so would represent a small but acceptable underprovision. We assume this would be required in 2031, as this is when 6 GPs would be required from.																	
	Gross cost (£000s)	5691															5691		
	Cost attrib National Grid (£000s)	427															427		
	Cost attrib Ballymore (£000s)	2348															2348		
	Cost attrib Sainsbury's (£000s)	1494															1494		
	Cost attrib Canalside House (£000s)																		
	Cost attrib North Pole (£000s)	1423															1423		
	Cost attrib Other (£000s)																		
	Mainstream funding assumed (£000s)	5691															5691		
	S106/S278 funding sought (£000s)																		
	Direct Developer delivery assumed (£000s)																		
MUSCO/ESCO/utility funding assumed (£000s)																			
Other funding sought (£000s)																			

Leisure and Sports

What infrastructure is needed?

This covers the provision of public open space, play space and sports space.

- Public open space comprises mainly green/ urban open space e.g. parks, civic squares.
- Play space and sports space comprises indoor and outdoor sports provision, e.g. play space, sports halls and pitches.

A number of high quality plazas have been allowed for within the development, along with Little Kensal Green woodland

Good quality public realm and public open space is very important to raise values, and to provide outdoor space for the users of Kensal Canalside. The Allies and Morrison masterplan (2013) identified a range of specific provision for public open space. A revised masterplan is yet to be determined however, on the advice of RBKC, we have included the same open space sites that were included in the 2016 version of the DIFS, with the caveat that the location and design (and therefore proportions) of these spaces may change. If a proposed public space has been removed, we assume a commensurate space will be located elsewhere. We have made a clear distinction between what we expect to be provided as part of the development costs, and what constitutes public open space. Our general approach is that if it falls within a developer plot then it should be provided as part of the development (and the values should reflect this), and if it falls between developer plots then it is considered a separate infrastructure costs. The exceptions to this approach is where there is a key link or space that knits the development together and is an important part of the overall masterplan. An example of this is the public space immediately to the north and to the south of the new Crossrail site. We include this as a separate infrastructure item.

We have made an allowance for play space for 5 to 11 year olds, and for children aged 12+

The Shaping neighbourhoods Play and Informal recreation SPG provides guidance on the space required for play space. The proposed benchmark standard of a minimum of 10 sq.m. per child regardless of age. Using the number of children estimated from GLA Population Yields, we have estimated the amount of play space needed to support the growth at Kensal Canalside. Play space for children under 5 (Doorstep play space) is assumed to be located in communal amenity spaces within individual developments and funded directly by developers, so it has not been included here.

How can infrastructure be paid for?

Mainstream public funding is unlikely to be committed to open space. It is therefore considered that funding for these items will come from direct development costs and S106 contributions. We explain our assumptions in more detail for each infrastructure project.

Notes, issues and recommendations

In determining the likely provision for education facilities for each scenario, we have made a number of key assumptions.

- We exclude the canal basin as included in the masterplan. Instead we assume that the public open space where the basin is located is to a good standard with paved and green areas.
- We use the GLA Population Yield Calculator estimate the number of children in each age group. It is noted that the age groups in the calculator does not align exactly with these age groups but they align approximately. The GLA Population Yield assumptions are consistent with those used for other social infrastructure categories.

Public open space

Scenario	Total (£000s)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Project name																	
Project ref																	
About the project																	
What priority?																	
Which lead organisation?																	
Project delivery risk																	
Strategic/site specific? Which site?																	
Scenario																	
Scenario 1																	
Project details for this scenario																	
Gross cost (£000s)																	
Cost attrib National Grid (£000s)																	
Cost attrib Ballymore (£000s)																	
Cost attrib Sainsbury's (£000s)																	
Cost attrib Canalside House (£000s)																	
Cost attrib North Pole (£000s)																	
Cost attrib Other (£000s)																	
Mainstream funding assumed (£000s)																	
S106/S278 funding sought (£000s)																	
Direct Developer delivery assumed (£000s)																	
MUSCO/ESCO/utility funding assumed (£000s)																	
Other funding sought (£000s)																	
Scenario 2																	
Project details for this scenario																	
Gross cost (£000s)																	
Cost attrib National Grid (£000s)																	
Cost attrib Ballymore (£000s)																	
Cost attrib Sainsbury's (£000s)																	
Cost attrib Canalside House (£000s)																	
Cost attrib North Pole (£000s)																	
Cost attrib Other (£000s)																	
Mainstream funding assumed (£000s)																	
S106/S278 funding sought (£000s)																	
Direct Developer delivery assumed (£000s)																	
MUSCO/ESCO/utility funding assumed (£000s)																	
Other funding sought (£000s)																	
Scenario 3																	
Project details for this scenario																	
Gross cost (£000s)																	
Cost attrib National Grid (£000s)																	
Cost attrib Ballymore (£000s)																	
Cost attrib Sainsbury's (£000s)																	
Cost attrib Canalside House (£000s)																	
Cost attrib North Pole (£000s)																	
Cost attrib Other (£000s)																	
Mainstream funding assumed (£000s)																	
S106/S278 funding sought (£000s)																	
Direct Developer delivery assumed (£000s)																	
MUSCO/ESCO/utility funding assumed (£000s)																	
Other funding sought (£000s)																	
Project name																	
Project ref																	
About the project																	
What priority?																	
Which lead organisation?																	
Project delivery risk																	
Strategic/site specific? Which site?																	
Scenario																	
Scenario 1																	
Project details for this scenario																	
Gross cost (£000s)																	
Cost attrib National Grid (£000s)																	
Cost attrib Ballymore (£000s)																	
Cost attrib Sainsbury's (£000s)																	
Cost attrib Canalside House (£000s)																	
Cost attrib North Pole (£000s)																	
Cost attrib Other (£000s)																	
Mainstream funding assumed (£000s)																	
S106/S278 funding sought (£000s)																	
Direct Developer delivery assumed (£000s)																	
MUSCO/ESCO/utility funding assumed (£000s)																	
Other funding sought (£000s)																	
Scenario 2																	
Project details for this scenario																	
Gross cost (£000s)																	
Cost attrib National Grid (£000s)																	
Cost attrib Ballymore (£000s)																	
Cost attrib Sainsbury's (£000s)																	
Cost attrib Canalside House (£000s)																	
Cost attrib North Pole (£000s)																	
Cost attrib Other (£000s)																	
Mainstream funding assumed (£000s)																	
S106/S278 funding sought (£000s)																	
Direct Developer delivery assumed (£000s)																	
MUSCO/ESCO/utility funding assumed (£000s)																	
Other funding sought (£000s)																	
Scenario 3																	
Project details for this scenario																	
Gross cost (£000s)																	
Cost attrib National Grid (£000s)																	
Cost attrib Ballymore (£000s)																	
Cost attrib Sainsbury's (£000s)																	
Cost attrib Canalside House (£000s)																	
Cost attrib North Pole (£000s)																	
Cost attrib Other (£000s)																	
Mainstream funding assumed (£000s)																	
S106/S278 funding sought (£000s)																	
Direct Developer delivery assumed (£000s)																	
MUSCO/ESCO/utility funding assumed (£000s)																	
Other funding sought (£000s)																	
Project name																	
Project ref																	
About the project																	
What priority?																	
Which lead organisation?																	
Project delivery risk																	
Strategic/site specific? Which site?																	
Scenario																	
Scenario 1																	
Project details for this scenario																	
Gross cost (£000s)																	
Cost attrib National Grid (£000s)																	

Scenario	Total (£000s)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Cost attrib Ballymore (£000s)	167								83	83							
Cost attrib Sainsbury's (£000s)	106								53	53							
Cost attrib Canalside House (£000s)																	
Cost attrib North Pole (£000s)	97								49	49							
Cost attrib Other (£000s)																	
Mainstream funding assumed (£000s)																	
S106/S278 funding sought (£000s)																	
Direct Developer delivery assumed (£000s)	400								200	200							
MUSCO/ESCO/utility funding assumed (£000s)																	
Other funding sought (£000s)																	
Scenario 2	Project details for this scenario																
Gross cost (£000s)	400								200	200							
Cost attrib National Grid (£000s)	30								15	15							
Cost attrib Ballymore (£000s)	165								83	83							
Cost attrib Sainsbury's (£000s)	105								53	53							
Cost attrib Canalside House (£000s)																	
Cost attrib North Pole (£000s)	100								50	50							
Cost attrib Other (£000s)																	
Mainstream funding assumed (£000s)																	
S106/S278 funding sought (£000s)																	
Direct Developer delivery assumed (£000s)	400								200	200							
MUSCO/ESCO/utility funding assumed (£000s)																	
Other funding sought (£000s)																	
Scenario 3	Project details for this scenario																
Gross cost (£000s)	400								200	200							
Cost attrib National Grid (£000s)	30								15	15							
Cost attrib Ballymore (£000s)	165								83	83							
Cost attrib Sainsbury's (£000s)	105								53	53							
Cost attrib Canalside House (£000s)																	
Cost attrib North Pole (£000s)	100								50	50							
Cost attrib Other (£000s)																	
Mainstream funding assumed (£000s)																	
S106/S278 funding sought (£000s)																	
Direct Developer delivery assumed (£000s)	400								200	200							
MUSCO/ESCO/utility funding assumed (£000s)																	
Other funding sought (£000s)																	
Project name	Little Kensal Green enhancements, including lighting, footpath and benches.																
Project ref	LS04																
About the project	Little Kensal Green is identified as a 3,980 sqm public open space on the 2013 masterplan. The masterplan shows it as a wooded area that will be connected to Kensal Green Cemetery in the north by a pedestrian bridge and link through to Little Wormwood Scrubs in the south by a pedestrian bridge (note: bridges not included in these costings). It is assumed that this area would have woodland, green landscaping, lighting, street furniture, and footpath. The site is wholly contained within the National Grid site, it is therefore assumed it comes forward early in the development of the National Grid site. Costs have been attributed to all developers using residential build out proportions.																
What priority?	4) desirable																
Which lead organisation?	RBKC																
Project delivery risk																	
Strategic/site specific? Which site?	Strategic cross-site																
Scenario	Total (£000s)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Scenario 1	Project details for this scenario																
Gross cost (£000s)	1100					367	367	367									
Cost attrib National Grid (£000s)	83					28	28	28									
Cost attrib Ballymore (£000s)	458					153	153	153									
Cost attrib Sainsbury's (£000s)	292					97	97	97									
Cost attrib Canalside House (£000s)																	
Cost attrib North Pole (£000s)	267					89	89	89									
Cost attrib Other (£000s)																	
Mainstream funding assumed (£000s)																	
S106/S278 funding sought (£000s)						367	367	367									
Direct Developer delivery assumed (£000s)	1100																
MUSCO/ESCO/utility funding assumed (£000s)																	
Other funding sought (£000s)																	
Scenario 2	Project details for this scenario																
Gross cost (£000s)	1100					367	367	367									
Cost attrib National Grid (£000s)	83					28	28	28									
Cost attrib Ballymore (£000s)	454					151	151	151									
Cost attrib Sainsbury's (£000s)	289					96	96	96									
Cost attrib Canalside House (£000s)																	
Cost attrib North Pole (£000s)	275					92	92	92									
Cost attrib Other (£000s)																	
Mainstream funding assumed (£000s)																	
S106/S278 funding sought (£000s)						367	367	367									
Direct Developer delivery assumed (£000s)	1100																
MUSCO/ESCO/utility funding assumed (£000s)																	
Other funding sought (£000s)																	
Scenario 3	Project details for this scenario																
Gross cost (£000s)	1100					367	367	367									
Cost attrib National Grid (£000s)	83					28	28	28									
Cost attrib Ballymore (£000s)	454					151	151	151									
Cost attrib Sainsbury's (£000s)	289					96	96	96									
Cost attrib Canalside House (£000s)																	
Cost attrib North Pole (£000s)	275					92	92	92									
Cost attrib Other (£000s)																	
Mainstream funding assumed (£000s)																	
S106/S278 funding sought (£000s)						367	367	367									
Direct Developer delivery assumed (£000s)	1100																
MUSCO/ESCO/utility funding assumed (£000s)																	
Other funding sought (£000s)																	
Sports and leisure facilities																	
Project name	Facilities for ages 5 to 11 (onsite and offsite)																
Project ref	LS05																
About the project	We have assumed that half of facilities for this age group would be located on development sites in communal amenity spaces, and half would be provided in public amenity spaces. Offsite costs would be sought from CIL while onsite costs form part of typical external budget. Assumed funding split of 50% developer direct funding and 50% CIL. Specific playspace developments are not known and so costs have been phased proportionately according to the trajectories for each scenario.																
What priority?	4) desirable																
Which lead organisation?	Developers																
Project delivery risk																	
Strategic/site specific? Which site?	Strategic cross-site																
Scenario	Total (£000s)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Scenario 1	Project details for this scenario																
Gross cost (£000s)	2789					275	275	275	410	410	283	283	283	148	148		
Cost attrib National Grid (£000s)	211					42	42	42	42	42	0	0	0	0	0		
Cost attrib Ballymore (£000s)	1162					232	232	232	232	232	0	0	0	0	0		
Cost attrib Sainsbury's (£000s)	739					0	0	0	0	0	148	148	148	148	148		
Cost attrib Canalside House (£000s)																	
Cost attrib North Pole (£000s)	677					0	0	0	135	135	135	135	135	0	0		
Cost attrib Other (£000s)																	
Mainstream funding assumed (£000s)																	
S106/S278 funding sought (£000s)	1395					137	137	137	205	205	142	142	142	74	74		
Direct Developer delivery assumed (£000s)	1395					137	137	137	205	205	142	142	142	74	74		
MUSCO/ESCO/utility funding assumed (£000s)																	
Other funding sought (£000s)																	
Scenario 2	Project details for this scenario																
Gross cost (£000s)	3347					326	326	326	494	494	343	343	343	176	176		
Cost attrib National Grid (£000s)	251					50	50	50	50	50	0	0	0	0	0		
Cost attrib Ballymore (£000s)	1381					276	276	276	276	276	0	0	0	0	0		
Cost attrib Sainsbury's (£000s)	527					0	0	0	0	0	176	176	176	176	176		
Cost attrib Canalside House (£000s)																	
Cost attrib North Pole (£000s)	837					0	0	0	167	167	167	167	167	0	0		
Cost attrib Other (£000s)																	
Mainstream funding assumed (£000s)																	
S106/S278 funding sought (£000s)	1674					163	163	163	247	247	172	172	172	88	88		
Direct Developer delivery assumed (£000s)	1674					163	163	163	247	247	172	172	172	88	88		
MUSCO/ESCO/utility funding assumed (£000s)																	

