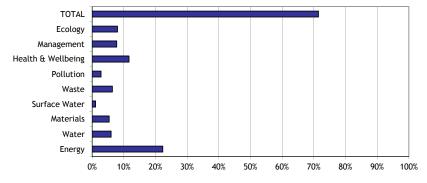
breglobal

Results	
Development Name:	11a Primrose Hill
Dwelling Description:	New 3 storey dwelling
Name of Company:	Metropolis Green
Code Assessor's Name	Miranda Pennington
Company Address:	
Notes/Comments:	

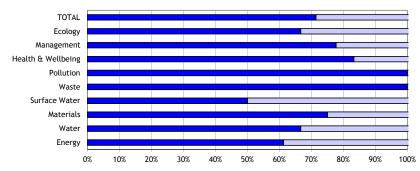
PREDICTED RATING - CODE LEVEL: 4

Mandatory Ree	quirements:	All Levels
% Points:	71.43%	- Code Level: 4
Breakdown:	Energy	- Code Level: 4
	Water	- Code Level: 4

Graph 1: Predicted contribution of individual sections to the total score and percentage of total achievable score



Graph 2: Predicted percentage of credits achievable: Total and by Category



NOTE: The rating obtained by using this Pre Assessment Estimator is for guidance only. Predicted ratings may differ from those obtained through a formal assessment, which must be carried out by a licensed Code assessor.

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CATEGOR	Y 1 ENERGY	Overall Leve	el: 4	Overall Score	71.43		Evidence Required
% of Secti	ion Credits Predicted:	61.29		Credits	Level	Assumptions Made	(The below cells can be formatted by assessors if
Contribut	ion to Overall % Score:	22.30 points		19.0 of 31 Credits	Level 4		required.)
Ene 1 Dwelling Emission Rate	Dwelling Emission Rat calculated using SAP apply. The Code en predicted score.	pased on the percentage improv e (DER) over the Target Emission 2009. Minimum standards for ea ergy calculator can be used to predicted number of credits? et CO ₂ emissions achieved?	Rate (TER) as ch Code leve	5	Level 4		
Ene 2 Fabric Energy Efficiency	(kWh/m ² /yr) of the dw 5 and 6. The Code of predicted score. Enter the predicted score Apartment: OR End terrace OR Staggered of What is the	i, Mid-terrace e, Semi and Detached Mid terrace predicted number of credits?	at Code level o calculate a	4.0 of 9 Credits	-		
Ene 3 Energy Display Devices	Device is installed mo consumption. Select whether the ED None Speci Primary He OR Electricity	ating only			-		

Issue		Credits	Level	Assumptions Made	Evidence Required
Drying Space	One credit is awarded for the provision of either internal or external secure drying space with posts and footings or fixings capable of holding 4m+ of drying line for 1-2 bed dwellings and 6m+ for dwellings with 3 bedrooms or greater. Will drying space meeting the criteria be provided? Yes OR No	1 of 1 Credits	-	Assuming external space outside of kitchen/dining room can be used to mount a retractable drying line.	
Labelled White Goods	Credits are awarded where each dwelling is provided with either information about the EU Energy Labelling Scheme, White Goods with ratings ranging from A+ to B or a combination of the previous according to the technical guide. Select the appropriate option below EU Energy labelling information <u>only</u> A+ rated appliances A rated washing machine and dishwasher B rated tumble dryer or washer dryer EU Energy labelling information provided	2 of 2 Credits			
External	Credits are awarded based on the provision of space lighting* with dedicated energy efficient fittings and security lighting fittings with appropriate control gear Space Lighting O None provided O OR Non Code compliant lighting OR Code compliant lighting Security Lighting O None provided O OR None provided OR None compliant lighting None provided O OR Non Code compliant lighting OR Code compliant lighting OR Code compliant lighting OR Code compliant lighting and controls Dual lamp luminaires	2 of 2 Credits	-		

Issue		Credits	Level	Assumptions Made	Evidence Required
Ene 7 Low or Zero Carbon Technologies	Credits are awarded where there is a 10% or 15% reduction in CO ₂ emissions resulting from the use of low or zero carbon technologies. Select % contribution made by low or zero carbon technologies Less than 10% of demand				
	OR 10% of demand or greater O OR 15% of demand or greater O	0 of 2 Credits	-		
Ene 8 Cycle Storage	Credits are awarded where adequate, safe, secure and weather proof cycle storage is provided according to the Code requirements. Fill in the development details below Number of bedrooms: Number of cycles stored per dwelling* * if you have storage for 1 cycle per two dwellings insert 0.5 in number of cycles stored per dwelling	2 of 2 Credits	-		
Ene 9 Home Office	A credit is awarded for the provision of a home office. The location, space and services provided must meet the Code requirements. Will there be provision for a Home Office? Yes OR No	1 of 1 Credits	-		

CATEGORY	2 WATER	Overall Level: 4	Overall Score	71.43		Evidence Required
% of Section Credits Predicted: 66.66			Credits	Level	Assumptions Made	(The below cells can be formatted by assessors if
Contributi	on to Overall Score: 6.00 points		4 of 6 Credits	Level 4		required.)
Wat 1 Indoor Water Use	Credits are awarded based on the pr water consumption, calculated using Tool. Minimum standards for each code select the predicted water use / Mandatory greater than 120 litres/ perso OR \leq less than 120 litres/ perso OR \leq less than 110 litres/ perso OR \leq less than 105 litres/ persor OR \leq less than 90 litres/ persor OR \leq less than 80 litres/ persor	the Code Water Calculator e level apply. Requirement	3 of 5 Credits	Level 3 AND Level 4		
Wat 2 External Water Use	A credit is awarded where a complia collecting rainwater for external irrig outdoor space is provided the credit ca Select the scenario that applies No internal or communal ou OR Outdoor space with collection OR Outdoor space without collection	gation purposes. Where no an be achieved by default. utdoor space O ion system ©		-		

CATEGOR	Y 3 MATERIALS	Overall Level: 4	Overall Score	71.43		Evidence Required
% of Secti	on Credits Predicted	: 75.00	Credits	Level	Assumptions Made	(The below cells can be formatted by assessors if
Contribut	ion to Overall Score:	5.40 points	18 of 24 Credits	All Levels		required.)
Mat 1 Environm- ental Impact of Materials	elements must achi <u>Tradable Credits:</u> P Green Guide Rating Calculator can be us Mandatory Requiren	nent: At least three of the five key building eve a Green Guide 2008 Rating of A+ to D. points are awarded on a scale based on the g of the specifications. The Code Materials ed to predict a potential score.				
	Enter the predicted s		12 of 15 Credits	All Levels		
Mat 2 Responsible Sourcing of Materials - Basic Building Elements	elements are respor can be used to predi	•	4 of 6 Credits	-		
Mat 3 Responsible Sourcing of Materials - Finishing Elements	elements are respor can be used to predi		2 of 3 Credits	-		

CATEGORY	4 SURFACE WATER RUN-OFF	Overall Level: 4	Overall Score	71.43		Evidence Required
% of Sectio	n Credits Predicted: 50.00%		Credits	Level	Assumptions Made	(The below cells can be formatted by assessors if
Contributio	n to Overall Score: 1.10 points		2 of 4 Credits	All Levels		required.)
Sur 1 Management of Surface Water Run-off from developments	<u>Mandatory Requirement:</u> Peak rate no greater for the developed sit development site and that the ac rainwater discharge caused by the reduced as far as possible in acc criteria. Desiging the drainage sys local drainage system failure. <u>Trad</u> used to improve water quality of the protecting the quality of the receive	te than it was for the pre- dditional predicted volume of revent development is entirely ordance with the assessment tem to be able to cope with <u>lable Credits</u> : Where SUDS are he rainwater discharged or for				
	Mandatory Requirement Will the mandatory requ	irement be met?				
	Select the appropriate option No SUDS No runoff into watercou 5 mm of rainfall Runoff from hard surface appropriate level of trea	es will receive an	0 of 2 Credits	All Levels		
Sur 2 Flood Risk	Credits are awarded where develop low flood risk or where in areas appropriate measures are taken property and its contents in accord the technical guide. Select the annual probability of flooding Zone 1 - Low OR Zone 2 - Medium OR Zone 3 - High Select the apropriate option(s) Low risk of flooding from All measures of	of medium or high flood risk to prevent damage to the lance with the Code criteria in (from PPS25*) n FRA** protection are		-	A flood risk assessment will be required to earn these credits.	
	demonstrated in FRA Ground floor level and a mm above design flood l * Planning Policy Statement 25 - Planning and	level				

CATEGORY 5	WASTE	Overall Level: 4	Overall Score	71.43		Evidence Required
% of Section	Credits Predicted: 100.00%		Credits	Level	Assumptions Made	(The below cells can be formatted by assessors if
	to Overall Score: 6.40 points			All Levels		required.)
Was 1 Storage of non- recyclable waste and recyclable	Mandatory Requirement: The space Mandatory Requirement: The space provided by the Local Authority or ti from BS 5906. <u>Tradable Credits</u> a internal and/ or external recycling fac Mandatory Requirement Will the minimum space be provid be accessible to disabled people? Internal Recyclable household waste storag Where there is no external recycling storage and no Local Authority co scheme Internal storage (capacity 60 litre	ither all external containers he min capacity calculated are awarded for adequate cilities. led and ge able waste llection				
	Local Authority collection Scheme	5)				
	Post Collection sorting Internal storage (capacity 30 litre Pre-collection sorting Internal storage (3 separate bins,		4 of 4 Credits	All Levels		
	External Storage, no Local Authority collect 3 separate internal storage bins	ion scheme				
	(capacity 30 litres) AND Houses					
	External Storage(capacity 180 litre Flats	es)	0 of 4 Credits			
	Private recycling operator 3 or greater types of waste collec					

Issue		Credits	Level	Assumptions Made	Evidence Required
Was 2 Construction Site Waste Management	A credit is awarded where a compliant SWMP is provided with targets and procedures to minimise construction waste. Credits are available where the SWMP include procedures and commitments for diverting either 50% or 85% of waste generated from landfill. SWMP details Does the SWMP include: + No SWMP + SWMP with targets and procedures to minimise waste? + SWMP with procedures to divert 50% of waste + SWMP with procedures to divert 85% of waste • SWMP with procedures to divert 85% of waste				
Was 3 Composting	A credit is awarded where individual home composting facilities are provided, or where a community/ communal composting service, either run by the Local Authority or overseen by a management plan is in operation. Select the facilities available No composting facilities Individual composting facilities OR Communal/ community composting*? Local Authority OR Private with management plan * including if an automated waste collection system is in place		-		

CATEGOR	Y 6 POLLU	TION Overa	all Level: 4	Overall Score	71.43		Evidence Required
% of Section Credits Predicted: 100.00%			Credits	Level	Assumptions Made	(The below cells can be formatted by assessors if	
	ion to Ove	rall Score: 2.80 points		4 of 4 Credits	All Levels		required.)
Pol 1 Global Warming Potential (GWP) of Insulants	substance less than	is awarded where <u>all</u> insulating r is (in manufacture AND installation) t 5. the most appropriate option All insulants have a GWP less than Some insulants have a GWP of less tha No insulants have a GWP of less tha	hat have a GWP of i •		-		
Pol 2 NOx Emissions	the opera dwelling.	e awarded on the basis of NOx emissi tion of the space and water heating s the most appropriate option Greater than 100 mg/kWh Less than 100 mg/kWh Less than 70 mg/kWh Class 4 boiler Class 5 boiler All space and hot water requirements are met by systems not produce NOx emissions	ystem within the	3 of 3 Credits	-		

CATEGOR	Y 7 HEALTH & WELLBEING Overall Level: 4	Overall Score	71.43		Evidence Required
% of Section Credits Predicted: 83.00% Credits				Assumptions Made	(The below cells can be formatted by assessors if
Contribut	ion to Overall Score: 11.66 points	10 of 12 Credits	No level		required.)
Hea 1 Daylighting	Credits are awarded for ensuring key rooms in the dwelling have high daylight factors (DF) and a view of the sky. Select the compliant areas <u>Room</u> Kitchen: Avg DF of at least 2%	1 of 3 Credits	-	Based on the drawings I think at least 2 credits will be acheiveable. Average daylight calculations will confirm.	
Hea 2 Sound Insulation	Credits are awarded where performance standards exceed those required in Building Regulations Part E. This can be demonstrated by carrying out pre-completion testing or through the use of Robust Details Limited. Select a type of property Detached Property Attached Properties: - Separating walls and floors only exist between non habitable spaces - Separating walls and floors exist between habitable spaces • Select a performance standard Performance standard not sought Airborne: 3db higher; Impact: 3dB lower OR Airborne: 8db higher; Impact: 8dB lower OR Airborne: 8db higher; Impact: 8dB lower	4 of 4 Credits	-	Pre completion sound testing will be required but is assumed as client owns neighbouring property. High performance assumed at this point can bed reduced.	

Issue		Credits	Level	Assumptions Made	Evidence Required
Hea 3 Private Space	A credit is awarded for the provision of an outdoor space that is at least partially private. The space must allow easy access to all occupants. Will a private/semi-private space be provided? Yes, private/semi-private space will be provided OR No private/semi-private space O	1 of 1 Credits	-		
Hea 4 Lifetime Homes	Mandatory Requirement: Lifetime Homes is mandatory when a dwelling is to achieve Code Level 6. Tradable credits: Credits are awarded where the developer has implemented all of the principles of the Lifetime Homes scheme. Mandatory Requirement	4 of 4 Credits	No level		

CATEGORY 8 MANAGEMENT Overall Level: 4		Overall Score 71.43			Evidence Required
% of Section Credits Predicted: 77.00%		Credits	Level	Assumptions Made	(The below cells can be formatted by assessors if
Contribution to Overall Score: 7.77 points		7 of 9 Credits	All Levels		required.)
Man 1 Home User Guide	Credits are awarded where a simple guide is provided to each dwelling covering information relevant to the 'non-technical' home occupier, in accordance with the Code requirements. Tick the topics covered by the Home User Guide Operational Issues? Site and Surroundings? Is available in alternative formats?	3 of 3 Credits	-		
Man 2 Considerate Constructors Scheme	Credits are awarded where there is a commitment to comply with best practice site management principles using either the Considerate Constructors Scheme or an alternative locally/ nationally recognised scheme.				
	Select the appropriate scheme and score				
	No scheme used O <u>Considerate Constructors</u> O OR Best Practice O OR Significantly Beyond Best Practice Image: Construction of the second	2 of 2 Credits	-		
	* In the first instance, contact a Code Service Provider if you are considering to use an alternative scheme.				
Man 3 Construction Site Impacts	Credits are awarded where there is a commitment and strategy to operate site management procedures on site as following: Tick the impacts that will be addressed Monitor, report and set targets, where applicable, for: CO2/ energy use from site activities · CO2/ energy use from site related transport · water consumption from site activities · water consumption from site activities · air (dust) pollution from site activities · water (ground and surface) pollution on site · water (ground and surface) pollution on site · some Given from site related or responsibly sourced	2 of 2 Credits	-		

Issue		Credits	Level	Assumptions Made	Evidence Required
Man 4 Security	Credits are awarded for complying with Section 2 - Physical Security from Secured by Design - New Homes. An Architectural Liaison Officer (ALO), or alternative, needs to be appointed early in the design process and their recommendations incorporated.				
	Secured by Design Compliance Credit not sought OR Secured by Design Section 2 Compliance	0 of 2 Credits	-		

CATEGORY 9 ECOLOGY Overall Level: 4		Overall Score	71.43		Evidence Required
% of Section Credits Predicted: 66.00%		Credits	Level	Assumptions Made	(The below cells can be formatted by assessors if
Contribution to Overall Score: 8.00 points		6 of 9 Credits	All Levels		required.)
Eco 1 Ecological Value of Site	One credit is awarded for developing land of inherently low value. Select the appropriate option Credit not sought OR Land has ecological value OR Land has low/ insignificant ecological value*	1 of 1 Credits	-	Assumed land is of low ecological value based on drawings. However, I think it is best to appoint an ecologist as D&A statement reffered to potential tree root protection action being required.	
	* Low ecological value is determined either a) by using Checklist Eco 1 across the whole development site; or b) where an suitably qualified ecologist is appointed and can confirm or c) produces an independent ecological report of the site, that the construction zone is of low/ insignificant value; AND the rest of the development site will remain undisturbed by the works.				
Eco 2 Ecological Enhancement	A credit is awarded where there is a commitment to enhance the ecological value of the development site. Tick the appropriate boxes Will a Suitably Qualified Ecologist be appointed to recommend appropriate ecological features? AND Will all key recommendations be adopted? AND 30% of other recommendations be adopted?	0 of 1 Credits	-		
Eco 3 Protection of Ecological Features	A credit is awarded where there is a commitment to maintain and adequately protect features of ecological value. Type and protection of existing features Site with features of ecological value? OR Site of low ecological value (as Eco 1)? AND All* existing features potentially affected by site works are maintained and adequately protected?	1 of 1 Credits	-	Awarded on the assumption that tree roots will be protected	

Issue		Credits	Level	Assumptions Made	Evidence Required
Eco 4 Change of Ecological Value of Site	Credits are awarded where the change in ecological value has been calculated in accordance with the Code requirements and is calculated to be: Change in Ecological Value Major negative change: fewer than -9 Minor negative change: between -9 and -3 OR Neutral: between -3 and +3 Minor enhancement: between +3 and +9 Major enhancement: greater than 9	2 of 4 Credits	-		
Eco 5 Building Footprint	Credits are awarded where the ratio of combined floor area of all dwellings on the site to their footprint is: Ratio of Net Internal Floor Area: Net Internal Ground Floor Area Credit Not Sought OR Houses: 2.5:1 OR Flats: 3:1 OR Houses: 3:1 OR Flats: 4:1 OR Houses & Flats Weighted (2.5:1 & 3:1) OR Houses & Flats Weighted (3:1 & 4:1)	2 of 2 Credits			