

Breeam: Pre assessment statement for Non Residential development.

Introduction

This Breeam Pre assessment statement has been prepared by **rpa**:group, on behalf of St Anthony's Preparatory School in support of the proposals relating to the site located at Arkwright Road, Hampstead, London within the Borough of Camden.

St Anthony's is the only all boys Roman Catholic Preparatory school in North London. It was established in Fitzjohns Ave, Hampstead more than half a century ago with its gates opening up to pupils in 1952.

The school has its roots firmly in Hampstead with 80% of its pupils living within a 3 mile radius of the school, and half with in a two mile radius.

The existing school comprises of a suit of buildings at No1 Arkwright Road and to meet the growing demand they have purchased the existing vacant dwelling at No3 Arkwright Road, with the aim of encompassing it along with minor expansion between the existing premises and the new building to provide the much needed space for the extra demand of pupil numbers.

According to Camden Borough Counils local guidance document,

"Area requirements for planning application February 2014,"

There is now a requirement to provide a Breeam Pre-assessment for all Non- residential developments of 500 sqm or more.

This applies to the whole building complex at St Anthonys and not just the extension which has resulted in the following document being produced.

The Local Authority policies that relate to this are:

- Camden core strategy CS13;
- Camden Development Policy DP22 and DP23;
- Camden Planning guidance 3 Sustainability;

Contents

The Criteria under review are as follows;

- Cover
- Issues;
- Management;
- Healt and Wellbeing;
- Energy;
- Transport;
- Water;
- Materials;
- Waste;
- Landl use and ecology;
- Innovation;
- Score;
- Breeam rating.

BREEAM UK Refurbishment & Fit-out 2014 - Pre-assessment



Pre-assessment details Issues Reports Pre-assessment: 3 Arkwright Road Camden London NW3 (2001309) Pre-assessment references: Pre-assessment details Initial Details Name: 3 Arkwright Road Camden London NW3 Reference number: 2001309 Date created: 15/12/2014 Issues Created By: David Osborne Architect name: the rpa group Edit Management Developer name: Edit Health & Wellbeing Property owner: Edit Energy Transport Site details: Water Site name: St Anthonys Materials Address: 3 Arkwright Road Waste Camden Town: Land use and ecology County: London Post code: Pollution Innovation Local planning Camden authority: Reports Edit Issue scores **BREEAM** rating

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Pre-assessment details Issues Reports

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Pre-assessment: 3 Arkwright Road Camden London NW3 (2001309) Initial Details Pre-assessment details Stage 1 filtering: Scope of the assessment Initial Details Part 1: Fabric and structure Yes 🗸 issues Part 2: Core services Management Yes 🗸 Health & Wellbeing Part 3: Local services No 🗸 Energy Part 4: Interior design Transport Yes 🗸 Water Stage 2 filtering: Project specific filtering Materials Is the project a change of use? (e.g. change from office to a hotel) Waste Yes 🗸 Land use and ecology Are transportation systems specified or present within the refurbishment or fit-out zone? (lifts, escalators, moving walks) Yes, newly specified and existing transportation systems 🗸 Pollution Are there laboratories present and if so what % of total building area do they represent Innovation No laboratories present Reports Laboratory containment area No laboratories present ✓ Issue scores Is cold storage specified or present within the refurbishment or fit-out zone? **BREEAM** rating Are soft landscaped areas within the scope of refurbishment or fit-out zone? Yes 🗸 If the asset undergoing refurbishment or fit-out is part of a larger building, is the cooling generation plant centralised or localised? If the asset undergoing refurbishment or fit-out is part of a larger building, is the heating generation plant centralised or localised? Central ✓ If the asset undergoing refurbishment or fit-out is part of a larger building, are sanitary fittings present within the refurbishment or fit-out zone? Yes 🗸

V

If Industrial, does the building have office areas?

What is the building type?

Schools

No ✓
Does the building have any unregulated water demands? e.g. irrigation, car washing, or other process related water use
Does the building have unregulated energy demands from significantly contributing systems? No No No No No No No No
Is the project a simple building? Yes ✓
Does the building have external lighting within the scope of works? Yes
Does the building have any existing or newly specified externally mounted plant? No No No No No No No No
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Pre-assessment details Issues Reports Pre-assessment: 3 Arkwright Road Camden London NW3 (2001309) Management Pre-assessment details More information Initial Details Man 01 Project brief and design Issues Stakeholder consultation (project delivery) 1 🗸 Management Stakeholder consultation (third party) Health & Wellbeing Sustainability champion (design) Energy 1 🗸 Transport Sustainability champion (monitoring progress) 0 🗸 Water Materials Man 02 Lifecycle cost and service life planning Waste Capital cost reporting 1 🗸 Land use and ecology Pollution Man 03 Responsible construction practices Innovation Environmental management 1 🗸 Reports Has criterion 2 been met? Yes 🗸 Issue scores Considerate construction **BREEAM** rating 2 🗸 Exemplary level criteria Yes 🗸 Monitoring of refurbishment or fit-out site impacts 1 🗸 Man 04 Commissioning and handover Commissioning and testing schedule and responsibilities 1 🗸 Handover 1 🗸 Has criterion 9 been met? Yes 🗸

Man 05 Aftercare
Aftercare support
Exemplary level criteria Yes ✓
Seasonal commissioning
Post occupancy evaluation 1
Credits awarded
Credits available : 15
Credits awarded: 13
Exemplary credits
Exemplary credits available : 2
Exemplary credits awarded: 2
Minimum Standards
Minimum Standard Achieved : Outstanding
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Pre-assessment details Issues	Reports
	Pre-assessment : 3 Arkwright Road Camden London NW3 (2001309)
Pre-assessment details	Health & Wellbeing More information
Initial Details	Hea 01 Visual comfort
Issues	Glare control 1 ✓
Management	
Health & Wellbeing	Daylighting 1 V
Energy	Exemplary level criteria
Transport	View out 1 ✓
Water	
Materials	Hea 02 Indoor air quality - NA
Waste	
Land use and ecology	Hea 03 Safe containment in laboratories - NA
Pollution	Hea 04 Thermal comfort - NA
Innovation	Hea 05 Acoustic performance
Reports	Acoustic performance
Issue scores	
BREEAM rating	Hea 06 Safety and security
	Security of site and building
	Credits awarded
	Credits available: 10
	Credits awarded: 5
	Exemplary credits
	Exemplary credits available : 1
	Exemplary credits awarded: 0 To prevent the loss of assessment data entered above please ensure you click the save button below before navigating away from this issue.

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Pre-assessment details Issues	Reports
	Pre-assessment : 3 Arkwright Road Camden London NW3 (2001309)
Pre-assessment details	Energy More information
Initial Details	Ene 01 - Assessment option
Issues	Which option is being followed Option 2: Elemental level energy model ✓
Management	
Health & Wellbeing	Ene 01 calculator - option 2
Energy	Elemental energy score
Transport	% of available credits achieved
Water	% %
Materials	General
Waste	In what year was the asset constructed?
Land use and ecology	1920 - 1944 V
Pollution	What is the main asset building type? Education - primary school
Innovation	In what country is the asset located? United Kingdom ✓
Reports	Contact Arrigion V
Issue scores	Servicing Strategy
BREEAM rating	What building services will be present in the refurbished building? Heating and Hot Water
	What ventilation strategy will be used in the refurbished building? Natural
	Is the asset being assessed part of a larger asset with central building services plant? Yes Yes
	For assets with heating, is the main heat generation plant 'local' or 'central'? Central
	For assets with cooling, is the main cooling generation plant 'local' or 'central'? N/A
	For assets with domestic hot water, is the main hot water plant 'local' or 'central'? Central
	For assets with mechanical ventilation, is ventilation provided by local supply/extract fans or a central air handling unit (AHU)?

	ding performance
What is the to	otal area (m2) of any external walls (not including glazing)?
What is the to	otal area (m2) of all glazing?
100 - 4 i- 4 - 4	
Viriat is the it	otal area (m2) of the roof?
What is the to	otal area (m2) of the ground floor?
	And the ground floor:
What is the U	-value of the external walls?
What is the U	-value of the glazing?
What is the U	-value of the roof?
What is the U	-value of the ground floor?
What is the re	sult of the building pressure/air leakage test?
What percenta	age of the external elevation on the east, south and west facades is glazed?
What percent	age of the external elevation on the east, south and west facades is glazed?
Heating - Ex	
Heating - Ex	% xisting
Heating - Ex What is the m	% Assisting ain generation type for space heating? where on site', 'offsite', or other generation type, please enter efficiency, if known (enter as a
Heating - Ex What is the m	% Assisting ain generation type for space heating? where on site', 'offsite', or other generation type, please enter efficiency, if known (enter as a
Heating - Ex What is the m For 'boiler', 'ot lecimal i.e. 70	% Assisting ain generation type for space heating? where on site', 'offsite', or other generation type, please enter efficiency, if known (enter as a
Heating - Ex What is the m For 'boiler', 'ot lecimal i.e. 70	% Axisting ain generation type for space heating? where on site', 'offsite', or other generation type, please enter efficiency, if known (enter as a 19% = 0.7)
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Heating - Ex What is the m For 'boiler', 'ot decimal i.e. 70 For heat pump	% Axisting ain generation type for space heating? her on site', 'offsite', or other generation type, please enter efficiency, if known (enter as a 19% = 0.7) o generation type, please enter Coefficient of Peformance (COP), if known ain fuel used for heat generation? edominant medium by which heat is distributed around the asset?
Heating - Ex What is the m For 'boiler', 'ot decimal i.e. 70 For heat pump	% Axisting ain generation type for space heating? her on site', 'offsite', or other generation type, please enter efficiency, if known (enter as a 19% = 0.7) o generation type, please enter Coefficient of Peformance (COP), if known ain fuel used for heat generation?
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Heating - Ex What is the many For 'boiler', 'ot decimal i.e. 70 For heat pump What is the many What is the present it is the present	sisting ain generation type for space heating? wher on site', 'offsite', or other generation type, please enter efficiency, if known (enter as a 19% = 0.7) o generation type, please enter Coefficient of Peformance (COP), if known ain fuel used for heat generation? edominant medium by which heat is distributed around the asset?

Are the heating controls in accordance with the recommendations outlined in the Non-Domestic Building Services Compliance Guide?
In what year was the main heat generator/heating system last replaced (if known)?
Cooling - Existing
What is the main system type for generating cooling?
Please enter the Energy Efficiency Ratio (EER) of the cooling generator, if known.
What is the predominant medium by which cooling is distributed around the asset?
What is the system subtype for air distributed cooling systems?
What is the system subtype for refrigerant cooling systems?
Is all cooling pipework insulated in accordance with the recommendations outlined in the Non-Domestic Building Services Compliance Guide?
What is the main cooling emitter type?
Are the cooling controls in accordance with the recommendations outlined in the Non-Domestic Building Services Compliance Guide?
In what year was the main chiller/cooling system replaced (if known)?
Ventilation - Existing
What is the specific fan power for air handling systems?
What are the results of duct and air handling leakage tests?
Are the ventilation controls in accordance with the recommendations outlined in the Non-Domestic Building Services Compliance Guide?
In what year was the main ventilation system replaced (if known)?
Hot Water - Existing
What type of water heating is provided?
What energy source is used to heat water? If there is a mixture of centralised and point of use systems please select the energy source type of the centralised system

Are the hot water controls in accordance with the recommendations outlined in the Non-Domestic Building Services Compliance Guide?
Lighting - Existing
What proportion of fluorescent lamps have high frequency ballasts?
Of all Internal lamps, what is the percentage of Compact Fluorescent type?
Of all Internal lamps, what is the percentage of Tungsten Halogen?
Of all Internal lamps, what is the percentage of Incandescent lamps?
Of all internal lamps, what is the percentage of T12 type?
Of all internal lamps, what is the percentage of T8 type?
Of all internal lamps, what is the percentage of T5 type?
Of all internal lamps, what is the percentage of LED lighting (with special design lighting control system)?
Of all internal lamps, what is the percentage of LED lighting (with typical lighting control system)?
Of all internal lamps, what is the percentage of metal halide type?
What percentage of the building floor area (not accessible to clients/customers) with access to daylight has fully functioning daylight sensors for lighting?
What percentage of the building floor area (not accessible to client/customers) has fully functioning occupancy sensors for lighting?
efurbished Building Performance - The questions below should be answered to describ e refurbished building performance
Fabric - Refurbished
What is the total area (m2) of any external walls (not including glazing)?
What is the total area (m2) of all glazing?
What is the total area (m2) of the roof?
What is the total area (m2) of the ground floor?
What is the U-value of the external walls?

What	is the U-value of the glazing?
What	is the U-value of the roof?
What	is the U-value of the ground floor?
What	is the result of the building pressure/air leakage test?
What	percentage of the external elevation on the east, south and west facades is glazed? Ward
Heati	ng - Refurbished
What	is the main generation type for space heating?
For 'bo	oiler', 'other on site', 'offsite', or other generation type, please enter efficiency, if known (enter as a al i.e. 70% = 0.7)
For he	at pump generation type, please enter Coefficient of Peformance (COP), if known
What i	s the main fuel used for heat generation?
What i	s the predominant medium by which heat is distributed around the asset?
ls all h Buildin	eating pipework insulated in accordance with the recommendations outlined in the Non-Domestic g Services Compliance Guide?
What i	s the main heat emitter type?
Are the Service	e heating controls in accordance with the recommendations outlined in the Non-Domestic Building es Compliance Guide?
In wha	t year was the main heat generator/heating system replaced (if known)?
Coolir	ng - Refurbished
What is Other	s the main system type for generating cooling?
Please	enter the Energy Efficiency Ratio (EER) of the cooling generator, if known.
∕⁄hat is	s the predominant medium by which cooling is distributed around the asset?
∕⁄hat is	s the system subtype for air distributed cooling systems?

Ventilation - Refurbished What is the specific fan power for air handling systems? What are the results of duct and air handling leakage tests? What are the results of duct and air handling leakage tests? Are the ventilation controls in accordance with the recommendations outlined in the Non-Domestic Building Services Compliance Guide? In what year was the main ventilation system replaced (if known)? In what type of water heating is provided? What type of water heating is provided? What energy source is used to heat water? If there is a mixture of centralised and point of use systems alease select the energy source type of the centralised system Vere the hot water controls in accordance with the recommendations outlined in the Non-Domestic Building services Compliance Guide? Ighting - Refurbished What proportion of fluorescent lamps have high frequency ballasts? Of all Internal lamps, what is the percentage of Compact Fluorescent type?	L	
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ighting - Refurbished What proportion of fluorescent lamps have high frequency ballasts? Of all Internal lamps, what is the percentage of Compact Fluorescent type? % Of all Internal lamps, what is the percentage of Tungsten Halogen?	please select the energy source type of the centralised system	ed and point of use systems
What proportion of fluorescent lamps have high frequency ballasts? Of all Internal lamps, what is the percentage of Compact Fluorescent type? 96 all Internal lamps, what is the percentage of Tungsten Halogen?	Services Compliance Guide?	d in the Non-Domestic Building
What proportion of fluorescent lamps have high frequency ballasts? If all Internal lamps, what is the percentage of Compact Fluorescent type? % If all Internal lamps, what is the percentage of Tungsten Halogen?		ondo na statula na phalair in na dhean a sheastan a ta ta ta fha ga bhill agus an aithe dheannach dheannach ait an a
Of all Internal lamps, what is the percentage of Compact Fluorescent type? % Of all Internal lamps, what is the percentage of Tungsten Halogen?	ighting - Refurbished	
% of all Internal lamps, what is the percentage of Tungsten Halogen?	Vhat proportion of fluorescent lamps have high frequency ballasts?	
	of all Internal lamps, what is the percentage of Compact Fluorescent type?	
	of all Internal lamps, what is the percentage of Tungsten Halogen?	Control of the Control of the supersymmetric states of the Control of States (Section 1) and the Control of States (Section 2) and the Control of
of all Internal lamps, what is the percentage of Incandescent lamps? %		
of all internal lamps, what is the percentage of T12 type?	of all Internal lamps, what is the percentage of Incandescent lamps?	

Of all internal lamps, what is the percentage of T8 type?
Of all internal lamps, what is the percentage of T5 type?
Of all internal lamps, what is the percentage of LED lighting (with special design lighting control system)?
Of all internal lamps, what is the percentage of LED lighting (with typical lighting control system)?
Of all internal lamps, what is the percentage of metal halide type?
What percentage of the building floor area (not accessible to clients/customers) with access to daylight has fully functioning daylight sensors for lighting?
What percentage of the building floor area (not accessible to client/customers) has fully functioning occupancy sensors for lighting?
Ene 01 - Building Score
Score
Credits available 0.0
Credits awarded
Calculate Score
Ene 02 Energy monitoring
Sub-metering of major energy consuming systems
Sub-metering of high energy load and tenancy areas
Ene 03 External lighting
External lighting
Ene 04 Low carbon design
Passive design analysis □ □
Free cooling

Low and zero carbon technologies
Ene 05 Energy efficient cold storage - NA
Ene 06 Energy efficient transportation systems
Energy efficient measures 1 □
Ene 07 Energy efficient laboratory systems - NA
Ene 08 Energy efficient equipment - NA
Ene 09 Drying space - NA
Credits awarded Credits available: 8 Credits awarded: 2 Minimum Standards Minimum Standard Achieved: Good To prevent the loss of assessment data entered above please ensure you click the save button below before navigating away from this issue.
Comments
Save

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Pre-assessment details Issues	Reports		
	Pre-assessment : 3 Arkwright Road Camden London NW3 (2001309)		
Pre-assessment details	Transport More information		
Initial Details	Tra 01 Sustainable transport solutions		
Issues	Sustainable transport options		
Management			
Health & Wellbeing	Tra 02 Proximity to amenities		
Energy	Proximity to amenities 1 ✓		
Transport	The substitute of the substitu		
Water	Tra 03 Cyclist facilities		
Materials	Cylist facilities		
Waste			
Land use and ecology	Tra 04 Maximum car parking capacity		
Pollution	Tra 05 Travel plan - NA		
Innovation			
Reports	Credits awarded		
Issue scores	Credits awarded : 4		
BREEAM rating	To prevent the loss of assessment data entered above please ensure you click the save button below before navigating away from this issue.		
	Comments		
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	Pre-assessment : 3 Arkwright Road Camden London NW3 (2001309)		
·	_		
re-assessment details	Water More information		
	J More mornation		
nitial Details	Wat 01 Water consumption		
ssues	Water consumption		
fanagement	2 🗸		
nanagement	Exemplary level criteria		
lealth & Wellbeing			
nergy	Wat 02 Water monitoring		
in a second			
ransport	Water monitoring 1 ✓		
/ater			
laterials	Has criterion 1 been met? Yes ✓		
I			
/aste	Wat 03 Leak detection		
and use and ecology			
ollution	Leak detection system 1 ✓		
	Flow control devices		
ınovation			
eports			
sue scores	Wat 04 Water efficient equipment - NA		

REEAM rating	Credits awarded		
	Credits available : 8		
	Credits awarded : 5		
	Exemplary credits		
	Exemplary credits available : 1		
	Exemplary credits awarded : 0 Minimum Standards		
	Minimum Standard Achieved: Outstanding To prevent the loss of assessment data entered above please ensure you click the save button below before		
	navigating away from this issue.		

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	Pre-assessment : 3 Arkwright Road Camden London NW3 (2001309)		
Pre-assessment details	Materials		
	More information		
nitial Details	Mat 01 Environmental impact of materials		
ssues	Environmental impact of materials		
lanagement	Exemplary level criteria		
ealth & Wellbeing	Yes V		
nergy	Mat 03 Responsible sourcing of materials		
ransport	Sustainable procurement plan		
ater			
aterials	Has criterion 1 been met? Yes ✓		
'aste	Responsible sourcing of materials		
and use and ecology	Exemplary level criteria Yes		
ollution			
novation	Mat 04 Insulation		
eports	Insulation 1 ✓		
sue scores			
REEAM rating	Mat 05 Designing for durability and resilience		
	Designing for durability and resilience		
	Mat 06 Material efficiency		
	Material efficiency 1 ✓		
	Credits awarded		
	Credits available : 13		
	Credits awarded: 10		
	Exemplary credits		
	Exemplary credits available : 2		

Minimum Standards
Minimum Standard Achieved : Outstanding
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Comments
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Pre-assessment details Issues Reports Pre-assessment: 3 Arkwright Road Camden London NW3 (2001309) Waste Pre-assessment details More information Initial Details Was 01 Construction waste management Issues Pre-refurbishment audit 1 🗸 Management Re-use and direct recycling of materials 1 🗸 Health & Wellbeing Energy Diversion of waste from landfill 1 🗸 Transport Exemplary level criteria Yes 🗸 Water Was 02 Recycled aggregates Materials Recycled aggregates Waste Land use and ecology Exemplary level criteria Yes 🗸 Pollution Was 03 Operational waste Innovation Operational waste Reports 1 🗸 Issue scores Was 04 Speculative finishes - NA **BREEAM** rating Was 05 Adaptation to climate change Adaptation to climate change - structural and fabric resilience 0 🗸 Was 06 Functional adaptability Functional adaptabiliy 0 🗸 Credits awarded Credits available: 8 Credits awarded: 5

Exemplary credits	
Exemplary credits available: 2	
Exemplary credits awarded : 2	
Minimum Standards	
Minimum Standard Achieved : Excellent	
To prevent the loss of assessment data entered above please ensure you click the save button below before navigating away from this issue.	The state of the s
Comments	
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CHILD CONTROL	***************************************

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Pre-assessment details Issues	Reports
	Pre-assessment : 3 Arkwright Road Camden London NW3 (2001309)
Pre-assessment details	Land use and ecology More information
Initial Details	Le 02 Protection of ecological features
Issues	Protecting ecological value
Management	
Health & Wellbeing	Le 04 Ecological enhancement
Energy	Ecological enhancement
Transport	
Water	Le 05 Long term impact on biodiversity - NA
Materials	
Waste	Credits awarded Credits available : 2
Land use and ecology	Credits awarded : 2 To prevent the loss of assessment data entered above please ensure you click the save button below before
Pollution	navigating away from this issue.
Innovation	Comments
Reports	
Issue scores	
BREEAM rating	
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re-assessment details Issues	Reports			
	Pre-assessment : 3 Arkwright Road Camden London NW3 (2001309)			
Pre-assessment details	Pollution More information			
Initial Details	Pol 01 Impact of refrigerants - NA			
Issues				
Management	Pol 02 NOx Emissions NOx emissions O			
Health & Wellbeing				
Energy				
Transport	Pol 03 Flood risk and reducing surface water run-off			
Water	Flood risk management			
Materials	Exemplary level criteria			
Waste	Surface water run-off			
Land use and ecology				
Pollution	Minimising watercourse pollution 1 ✓			
Innovation				
Reports	Pol 04 Reduction of night time light pollution			
Issue scores	Reduction of night time light pollution			
BREEAM rating				
	Pol 05 Noise attenuation - NA			
	Credits awarded			
	Credits available: 8			
	Credits awarded: 5			
	Exemplary credits			
	Exemplary credits available : 1			
	Exemplary credits awarded : 1			
	To prevent the loss of assessment data entered above please ensure you click the save button below before navigating away from this issue.			

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Pre-assessment details Issues	Reports
	Pre-assessment : 3 Arkwright Road Camden London NW3 (2001309)
Pre-assessment details	Innovation More information
Initial Details	Inn 01 Approved innovations
Issues	Approved innovations
Management	
Health & Wellbeing	Credits awarded
Energy	Credits available : 0 Credits awarded : 0
Transport	Exemplary credits
Water	Exemplary credits available : 10 Exemplary credits awarded : 1
Materials	To prevent the loss of assessment data entered above please ensure you click the save button below before navigating away from this issue.
Waste	
Land use and ecology	Comments
Pollution	^
Innovation	· ·
Reports	
Issue scores	Save

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Pre-assessment details Issues	Reports				
	Issue Scores	s for pre-assessn	nent : 3 Arkwright Road C	amden London NW3 (20013	109)
Pre-assessment details	Please Note: X	means the exemplary	credit for the relevant issue		
Initial Details	Manager Man	ment	ManX		
Issues		13		2	
Management	Health &	Wellbeing			
Health & Wellbeing	Hea	5	HeaX	0	
Energy		Ū		Ü	
Transport	Energy				
Water	Ene		2		
Materials	Transaction				
Waste	Transpor				
Land use and ecology			4		
Pollution	Water				
Innovation	Wat		WatX		
Reports		5		0	
Issue scores	Materials				
BREEAM rating	- Mat	10	MatX	2	
	Waste				
	Was	5	WasX	2	
				2	
		and ecology			
	Le		2		
	Pollution				
	Pol	5	PolX	1	

Innovation				
lnn	InnX			
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Rating Good

Pre-assessment details

Issues

Reports

Pre-assessment: 3 Arkwright Road Camden London NW3 (2001309)

Pre-assessment details	BREEAM Rating										
Initial Details	Man 12.30%	Hea 6.55%	Ene 2.42%	Tra 5.90%	Wat 5.56%	Mat 15.93%	Was 6.88%	Le 5.54%	Pol 5.89%	Inn 8.00%	Total 75.01%
Issues											
Management	Building performance by environmental category 25%										
Health & Wellbeing											
Energy	20%										
Transport	15%	±ma									
Water	10%								l .		
Materials	10%										
Waste	5%										
Land use and ecology	0%						1				
Pollution	Man Hea Ene Tra Wat Mat Was Le Pol ■ Section score available ≅ Section score achieved										
Innovation	A										
Reports											
Issue scores											
BREEAM rating											

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