McDonald's Dearne Valley Pre-assessment

Method Consulting

BREEAM 2018 Matrix for Planning: 08 October 2020

	Credit Title	Credits Available	Base Target
	MANAGEMENT		
Man 01	Project Delivery Planning	1	1
	Stakeholder Consultation (Interested Parties)	1	0
	Pre-requisite (BREEAM AP) (Concept and Developed Design)	0	Y
	BREEAM AP (Concept Design & Developed Design)	2	2
Man 02	Elemental Life Cycle Cost (LCC)	2	0
	Component Level LCC Options Appraisal	1	0
	Capital Cost Reporting	1	1
Man 03	Pre-requisite	0	Y
	Environmental Management	1	0
	Pre-requisite (BREEAM AP Site)	0	Y
	BREEAM AP (Site)	1	1
	Responsible Construction Management [Mandatory: 1 credit for Excellent; 2 credits for Outstanding]	2	2
	Monitoring of Construction Site Impacts (Utility Consumption & Transport)	2	2
Man 04	Commissioning - Testing Schedule and Responsibilities [Mandatory: 1 credit for Very Good, Excellent & Outstanding]	1	1
	Commissioning - Design and Preparation	1	1
	Testing and Inspecting Building Fabric	1	1
	Pre-requisite [Mandatory: Building User Guide for Very Good, Excellent & Outstanding]	0	Y
	Handover	1	1
Man 05	Aftercare Support	1	1
	Commissioning - Implementation [Mandatory: 1 credit for Excellent & Outstanding]	1	1
	Post Occupancy Evaluation	1	1
	Sub-total	**21**	**16**
	Weighted sub-total	**11.00**	**8.38**
	HEALTH AND WELLBEING		
Hea 01	Control of glare from sunlight	1	0
	Daylighting	2	1
	View Out	1	0
	Internal and External Lighting Levels, Zoning and Control	1	1
Hea 02	Indoor Air Quality Plan (Pre-requisite)	0	Y
	Ventilation	1	0
	Emissions from Construction Products	2	0
	Emissions Testing	1	0
Hea 04	Thermal Modelling	1	1
	Design for future thermal comfort	1	1
	Thermal Zoning and Controls	1	1
Hea 05	Acoustic Performance	3	2
Hea 06	Security of Site and Building	1	0
Hea 07	Safe Access	1	0
	Outside Space	1	0
	Sub-total	**18**	**7**
	Weighted sub-total	**14.00**	**5.44**
	ENERGY		
Ene 01	Energy Performance [Mandatory: 4 credits for Excellent; 6 credits for Outstanding]	9	2
	Energy Modelling and Reporting [Mandatory: 4 credits for Outstanding]	4	4
Ene 02	Sub-metering of end-use categories [Mandatory: 1 credit for Very Good, Excellent & Outstanding]	1	1
	Sub-metering of high energy load and tenancy areas	1	1
Ene 03	External Lighting	1	1
Ene 04	Passive Design (Passive Design Analysis)	1	0
	Passive Design (Free Cooling)	1	0
	Low and Zero Carbon Technologies (LZC Feasibility Study)	1	1
Ene 05	Refrigeration Energy Consumption	0	0
	Refrigeration Indirect Greenhouse Gas Emissions	0	0
Ene 08	Energy Efficient Equipment	2	2
	Sub-total	**21**	**12**
	Weighted sub-total	**16.00**	**9.14**
	TRANSPORT		
Tra 01	Travel Plan	2	2
Tra 02	Pre-requisite	0	Y
	Transport Options Implementation	10	3
	Sub-total	**12**	**5**
	Weighted sub-total	**10.00**	**4.17**
	WATER		
Wat 01	Water Consumption [Mandatory: 1 credit for Good, Very Good & Excellent; 2 credits for Outstanding]	5	3
Wat 02	Pre-requisite [Mandatory: Water meter on mains supply to each building for Good, Very Good, Excellent & Outstanding]	0	Y
	Water Monitoring	1	1
Wat 03	Leak Detection System	1	1
	Flow Control Devices	1	1
Wat 04	Water Efficient Equipment	1	0
	Sub-total	**9**	**6**
	Weighted sub-total	**7.00**	**4.67**

	MATERIALS		
Mat 01	Superstructure (Comparison with the BREEAM benchmark and Option appraisal during Concept / Technical Design)	6	5
	Substructure and hard landscaping options appraisal during Concept Design	1	1
Mat 02	Specification of products with a recognised Environmental Product Declaration (EPD)	1	0
Mat 03	Pre-requisite [Mandatory: All timber used on project is 'Legally harvested and traded timber' for ALL.]	0	Y
	Enabling Sustainable Procurement	1	1
	Measuring Responsible Sourcing	3	1
Mat 05	Designing for Durability and Resilience	1	1
Mat 06	Material Efficiency	1	1
	Sub-total	14	10
	Weighted sub-total	15.00	10.71

	WASTE		
Wst 01	Construction resource efficiency [Mandatory: 1 credit from total Wst 01 for Outstanding]	3	3
	Diversion of resources from landfill [Mandatory: 1 credit from total Wst 01 for Outstanding]	1	1
	Project Sustainable Aggregate Points	1	0
Wst 03	Operational Waste [Mandatory: 1 credit for Excellent and Outstanding]	1	1
Wst 05	Adaptation to Climate Change (Resilience of structure, fabric, building services and renewables installation)	1	1
Wst 06	Design for disassembly and functional adaptability - recommendations	1	1
	Disassembly and functional adaptability – implementation	1	1
	Sub-total	9	8
	Weighted sub-total	6.00	5.33

	LAND USE & ECOLOGY		
LE 01	Previously Occupied Land	1	0
	Contaminated Land	1	0
LE 02	Pre-requisite (Statutory obligations)	0	N
	Survey and evaluation	1	1
	Determining ecological outcomes	1	1
LE 03	Pre-requisite (Ecological risks and opportunities)	0	Y
	Planning and measures on-site	1	1
	Managing negative impacts	2	1
LE 04	Pre-requisite (Managing negative impacts)	0	Y
	Ecological enhancement	1	1
	Change and enhancement of ecology	3	0
LE 05	Pre-requisite (Statutory obligations, planning and site implementation)	0	Y
	Management and maintenance throughout the project	1	1
	Landscape and ecology management plan	1	1
	Sub-total	13	7
	Weighted sub-total	13.00	7.00

	POLLUTION		
Pol 01	Impact of Refrigerants: Pre-requisite	0	Y
	Impact of Refrigerants	3	0
Pol 02	Local Air Quality	2	2
Pol 03	Pre-requisite	0	Y
	Flood Resilience	2	2
	Surface Water Run Off: Pre-requisite	0	Y
	Surface Water Run Off	2	2
	Minimising Watercourse Pollution	1	0
Pol 04	Reduction of Night Time Light Pollution	1	0
Pol 05	Reduction of Noise Pollution	1	1
	Sub-total	12	7
	Weighted sub-total	8.00	4.67

INNOVATION		
Man 03: Responsible Construction Practices	1	0
Hea 01: Visual Comfort	2	0
Hea 02: Indoor Air Quality	1	0
Hea 06: Security	1	0
Ene 01: Reduction of Energy Use and Carbon Emissions	7	0
Wat 01: Water Consumption	1	0
Mat 01: Environmental Impacts - Building LCA	3	1
Mat 03: Responsible Sourcing of Construction Products	1	0
Wst 01: Construction Waste Management	1	0
Wst 02: Use of Recycled and Sustainably Sourced Aggregates	1	0
Wst 05: Adaptation to Climate Change	1	0
LE 02: Wider site sustainability	1	0
LE 04: Change and enhancement of ecological value	1	0
Inn 01: Special Innovative Feature	10	0
Sub-total	10	1
Weighted sub-total	10.00	1.00

Totals

Base Target	60.52

Linked to Rev P03 of the main tracker