

Item	Description
<b>Basic description of the building:</b>	The project comprises the construction of a new Academy school building in Lever Edge, Bolton. The scheme consists of ground stabilisation works, insitu r.c. foundations, steel frame, masonry cavity external walls, proprietary flat roof and feature ETFE roof. Internally, walls are partition plasterboard, traditional floor (carpet, vinyl and tiles) and decorative finishes and M&E systems. Extensive external works comprising hard and soft landscaping, MUGAS pitch, 3G pitch, drainage including tubersider and the remodelling of Morris Green Lane approach road leading to the site. Upon final completion of the works the remaining school buildings at ESSA will be demolished.
<b>BREEAM Rating:</b>	Very Good
<b>Key Innovative And Low-Impact Design Features Of The Building:</b>	ETFE roof, 3D theatre, Dining hall, sports hall, extensive soft landscaping, 3G and MUGAS synthetic pitches
<b>Basic Building Cost - £/m2:</b>	£2, 500
<b>Services Costs - £/m2:</b>	£376
<b>External works - £/m2:</b>	£125
<b>Gross Floor Area – m2:</b>	8334 m2
<b>Total Area Of Site:</b>	8.9 ha
<b>Function Areas And Sizes (m2):</b>	Hall (205 m2), 3D Theatre (204 m2)
<b>Area Of Circulation (m2):</b>	800 m2
<b>Area Of Storage (m2):</b>	103 m2
<b>% Area Of Grounds To Be Used By The Community:</b>	15%
<b>% Area Of Buildings To Be Used By The Community:</b>	11%
<b>Predicted Electricity Consumption – kWh/m2:</b>	53.32 kWh/m2
<b>Predicted Fossil Fuel Consumption (kWh/m2):</b>	27.99 kWh/m2
<b>Predicted Renewable Energy Generation – kWh/m2:</b>	63.11 kWh/m2
<b>Predicted Water Use – m3/person/year</b>	5.03 m3/person/year
<b>% Predicted Water Use To Be Provided By Rainwater Or Greywater</b>	17.5 %
<b>The Steps Taken during The Construction Process To Reduce Environmental Impacts:</b>	Regular liaison with the local community including evening forum meetings; newsletters; use of anti-vibration plant; use of silenced plant (noise); environmental monitoring of the construction activities and carbon footprint; local protection to environmental elements (fencing to trees, regular monitoring of water running through culvert); completion of pre-environmental assessment by specialist and also during the works (flora and fauna); recycling facilities on site; promotion of car sharing for employees.
<b>A List Of Any Sociable Or Economically Sustainable Measures:</b>	Promotion of the employment of local resources and manpower; clearance of footpath in association with rambles; interaction with the school and pupils – art competition, time capsule; bolt tightening ceremony with the Lord Mayor of Bolton; raising funds for Great Lever Golf Club for improvement works; site tours arranged with local residents; Associate Members of the Considerate Contractors (score 36+ over 2 visits)