

C A S E S T U D Y

Blue Planet,
Chatterley Valley
Stoke



BCL
TIMBER PROJECTS

Blue Planet, Chatterley Valley, Stoke

Client: Gazely
Architect: Chetwood Associates
Main contractor: McLaren

Size: 1,000 m²
Location: Stoke, Chatterley Valley
Duration: 10 weeks
Value: £350,000
Completion date: December 2008

Features

- Pre-fabricated 'secret-fixing' panel system.
- 150 x 25 mm Western red cedar panels.
- 400 x 100 x 7000 mm Western red cedar Glulam beams.
- All timber obtained from sustainable PEFC accredited sources.

A true landmark project in environmentally conscious construction, the Blue Planet in Chatterley Valley is the UK's first carbon positive, BREEAM excellent rated logistics park. It was therefore essential that the procurement routes of this project met the same exacting environmental standards and that the design quality of the cladding itself reflected the high profile nature of the project.

BCL source 100% of their timber from sustainable accredited sources and in this instance it was PEFC accredited Western Red Cedar that fulfilled the design and procurement requirements for McLaren. Crucially, the 'secret-fixing' design of BCL panels gave the highest quality finish possible and achieved a clean, modern and continuous façade to the building.

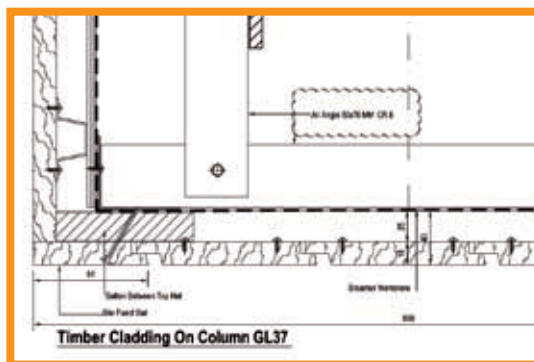
Horizontal and vertical cladding panels were manufactured off-site, then installed and aligned using BCL's dynamic bracketing system along with all aluminium feature trims. BCL also provided the cladding to the structural Glu-lam beams at the side of the building.



Timber clad Glu-lams & fixings to cross-beams



West elevation with secret-fixing horizontal panels and aluminium feature trims



Timber Cladding on column detail



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