Thorn, Steve

From: Crew, Chris
Sent: 14 July 2010 11:40
To: _planningadvice
Subject: FW: SAPS'S AND SBEM FOR LONG SUTTON PROJECTS
Attachments: ELMHURST LETTER.pdf

Letter of support re: H11-1253-08

From: Molearch [mailto:molearch@searcharchitects.co.uk]
Sent: 13 July 2010 12:54
To: Crew, Chris
Subject: SAPS'S AND SBEM FOR LONG SUTTON PROJECTS

Chris,

Julie will forward the hard copies and electronic copies of the various certificates.
As you will see from this informed explanation from Elmhurst, we have achieved exceptional environmental performance standards at Unity Gardens and our own offices.

Hope all this helps to put the scheme in context,

Jerry
PS I think Richard has passed it onto us without sending it to you !!

PLANNING & DEVELOPMENT
15 JUL 2010

Dr. Jeremy Harrall RIBA

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elmhurst energy services

12 July 2010

Mr C Crew
Planning Department
South Holland District Council
Council Offices
Priory Road
SPALDING
Lincs PE11 2XE

Dear Mr Crew

I have received a request from Dr Jeremy Harrall of SEArch Architects to convey to you Elmhurst Energy's findings from the independent Environmental Audit we carried out on Search's Offices and those six homes of Unity Gardens, in Long Sutton.

In the eighteen years of Elmhurst's auditing activities, the energy efficiency ratings of the two Long Sutton projects are the highest we have been privy too. As far I and my colleagues are aware, there have been no higher recorded ratings elsewhere in the UK, as those recorded by both projects.

The Simplified Building Energy Model (SBEM) provides a measure of commercial buildings energy efficiency and carbon emissions. SEArch's offices unprecedented A+ Rating is the only A rated Energy Performance Certificate for a commercial building we have produced. From our initial introduction to the remaining offices at The Carbon Neutral Business Zone in Long Sutton where SEArch's offices are sited, it would appear even higher performances are going to be achieved, making this an exceptional development.

The Standard Assessment Procedure (SAP) is the residential equivalent to SBEM and recorded at Unity Gardens, SAP Ratings of 129 (three bed) and 131 (two bed) these are by far the highest Elmhurst have recorded and we know of no other similar ratings in the country. The relevance of these ratings can be put into perspective when the Government have set the prerequisite Rating of 100 for what they refer to as a 'true zero carbon home' for Code Level 6 accreditation.

Most impressively, SEArch has achieved these incredible results with a low tech approach and without the encumbrance of fossil fuels or other mechanical equipment currently being sponsored by the high volume house builders.

It is my opinion that the work of SEArch represented in these two projects give the industry an insight into the building solutions of the future that begin to address the real issues of resource scarcity facing our country.

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I trust this explanation of the SBEM and SAP Ratings associated with Unity Gardens and SEArch's offices assist you in appreciating the implications for the industry, of the larger scale development proposed at Long Sutton. No one development has yet tackled the issues of resource scarcity at a large scale. The Sustainable Settlement offers simplistic solutions for homes and business to operate outside the constraints of a society reliant on fossil fuels and its remittent infrastructure.

I hope that South Holland District Council recognises the opportunity it has in leading the country with this application.

Yours sincerely



Richard Smith
Commercial Services Manager