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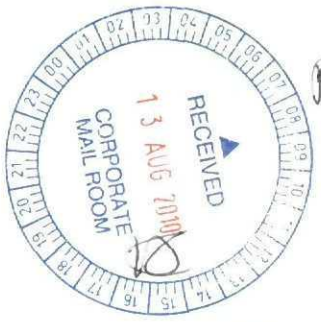
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12 August 2010

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Our ref: LAIY2035
PP ref PP-01150878
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PT.DC
NO CLCC

FAO: Andrew Burton

Dear Mr Burton

OUTLINE PLANNING PERMISSION 2007/2131: ERECTION OF NEW SCHOOL BUILDING AT FORMER DARFIELD COLLIERY. SUBMISSION OF RESERVED MATTERS

Following our recent discussions in respect of the above, I have pleasure in enclosing 4 copies of the following Drawing:

- Reference BP4L_WOM_AED_DR_96_BW_00_001 rev P01 Titled Energy Centre General Arrangement.

As you know there have been discussions around how the energy centre should be dealt with in relation to the wider school site and, following discussions with colleagues, the following proposals have been prepared.

The siting of the energy centre was queried in your email of 6 July. The Energy Centre has been positioned taking into account the following considerations:

- The siting of the Energy Centre on the highest level on the site should reduce the height of boiler flue and thus improve dissipation of exhaust fumes.
- The safety and visual benefits of segregating delivery traffic from staff & visitor car park will be achieved by providing a separate entrance for biomass deliveries.
- The need to avoid the potential for flooding from the River Dove affecting the operation of the energy centre is also a relevant factor. It is considered appropriate to avoid constructing the energy centre close to the river bank.

It has been suggested that an alternative location for the siting of the Energy Centre could be to the south of the site. However, the only suitable position would be away from the main ALC entrance, near to the external dining area and within an area of higher risk of flooding as identified by the Environment Agency

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This location would be unsuitable for the following reasons:

- Due to the lower level of the site on the south, the biomass flue would need to be increased in height to avoid exhaust fumes from entering the 'naturally ventilated' school building.
- The exhaust fumes from the biomass boiler flue would be close to the external playing fields of the school.
- HGV's delivering biomass fuel would potentially conflict with busy pedestrian circulation routes around the main entrance. This could have safety implications.
- The creation of a 'dry store' for the biomass fuel, close to the river Dove and associated flood plain, is not considered to be an appropriate design solution as it could cause implications for biomass energy generations for long periods after a flooding event.

We therefore conclude that the energy centre location as currently proposed is the most appropriate location, with particular attention being made to screening visible elevations from the public footpath.

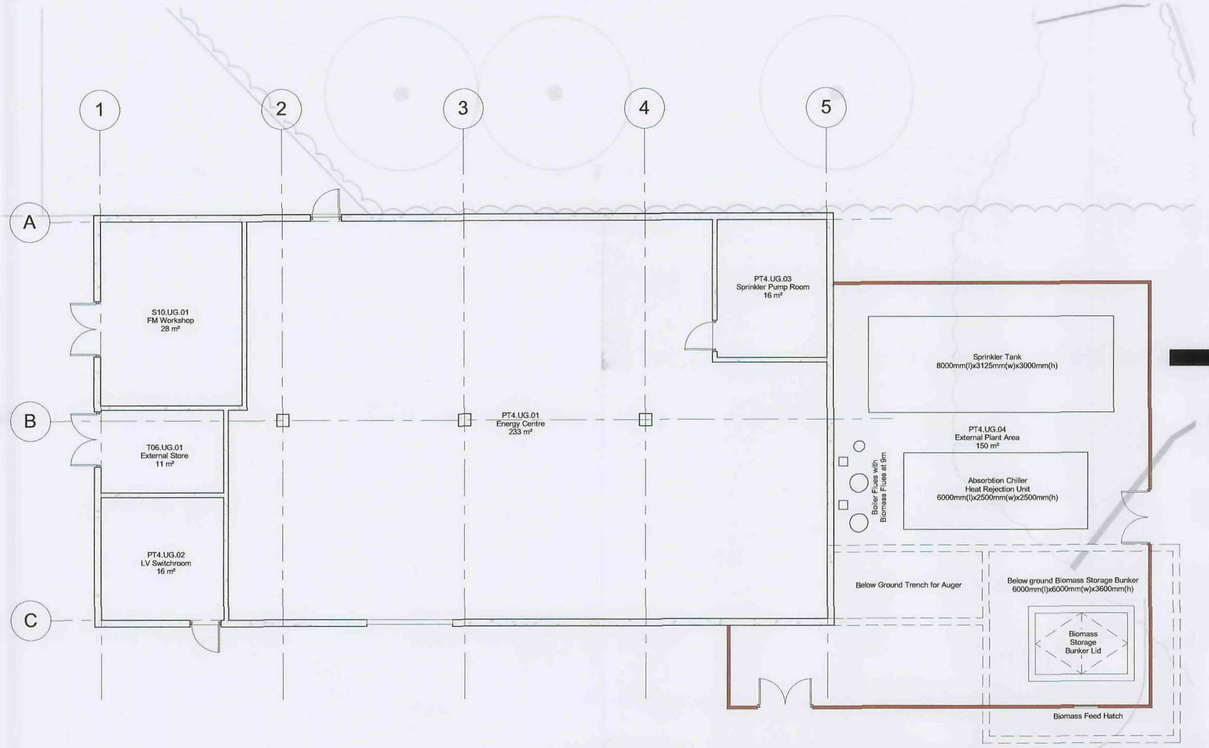
I trust that you find all is in order, but please contact me if you'd like to discuss.

Yours sincerely

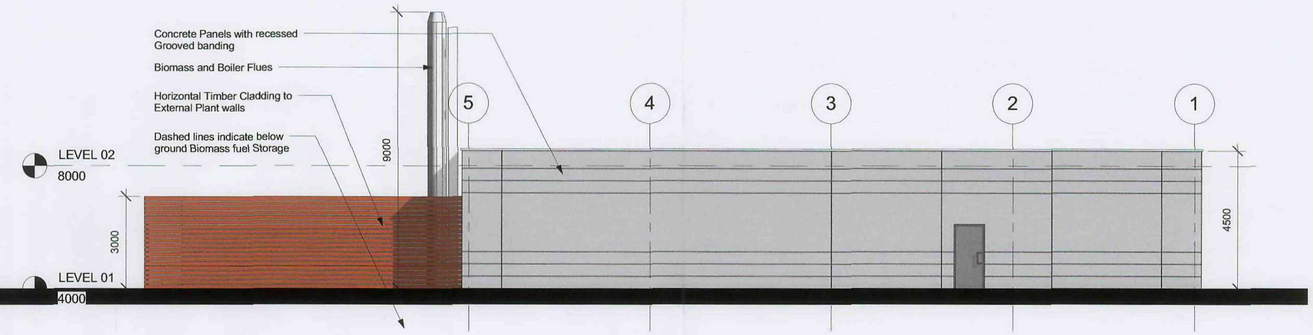
[redacted]

Matthew Collins
Associate Director

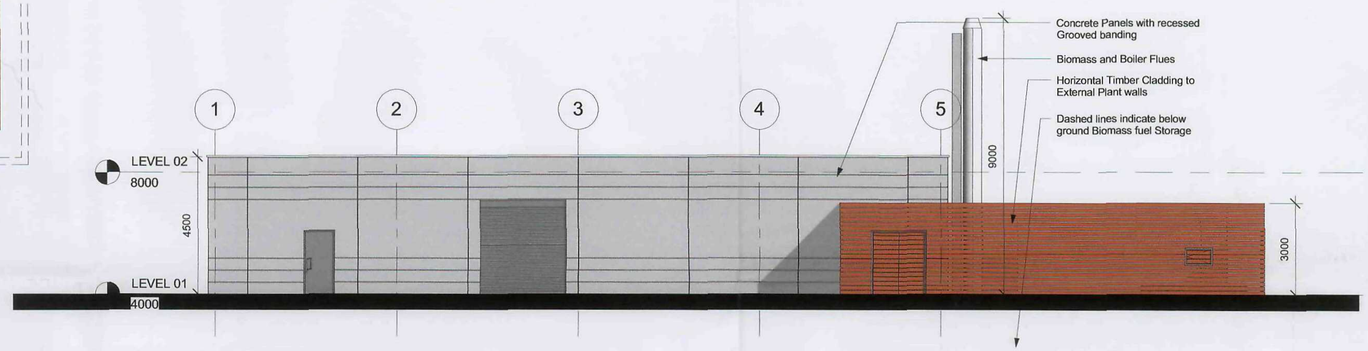
Enc. plans



1 LEVEL 01
1 : 100

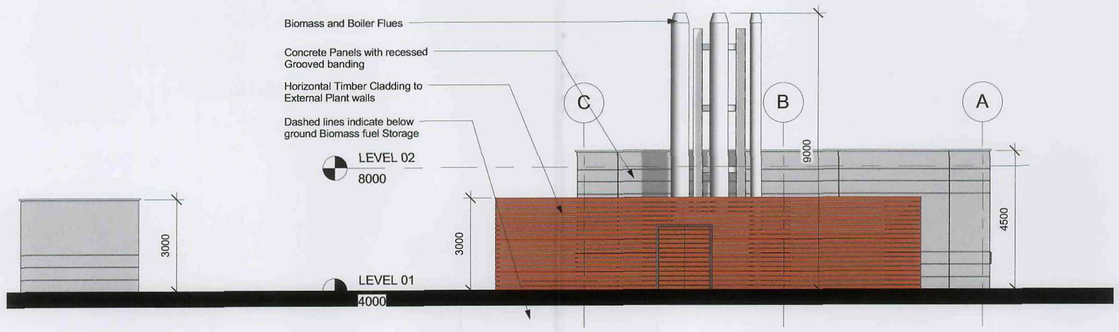


2 SOUTH ELEVATION
1 : 100

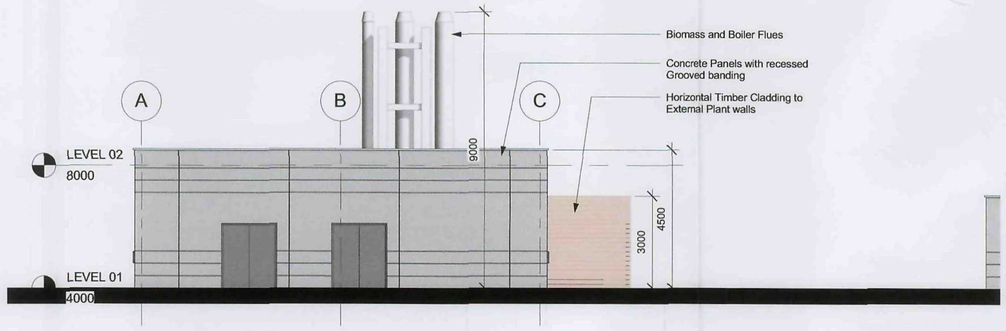


3 NORTH ELEVATION
1 : 100





4 WEST ELEVATION
1 : 100



5 EAST ELEVATION
1 : 100

Rev	Description	Date	Dr by	App by
P01	Initial Issue	29.07.10	JK	RB

original by	date created	
JK	29.07.10	GB

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client name: Laing O'Rourke

project: Barnsley BSF - Wombwell & Foulstone

drawing: Energy Centre General Arrangement

computer file	plot date
R:\AR\MAN\2010\2010.00023 Barnsley BSF - Wombwell & Foulstone\2010.00023-Barnsley BSF-Wombwell & Foulstone-ENERGY CENTRE.rvt	

project number	scale	
2010.00023	1 : 100	@A1

drawing number	rev	issue status
BP4L_WOM_AED_DR_96_BW_00_001	P01	Preliminary

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