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 This drawing is based on:  
 • Topographical survey provided by Malcolm Hughes Land Surveyors, 65 Cross Street, Sales, Manchester, M33 7HF, Tel: 0161 9051265 Email: survey@mhls.co.uk Their drawing no: 9839/1-6 dated March 2006  
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**Key**  
 - - - - - Boundaries to Barnsley College land ownership  
 - - - - - Boundary to proposed Renewable Energy Centre development

P1 28.01.10 Drawn: CLH Check: PP  
 Planning submission

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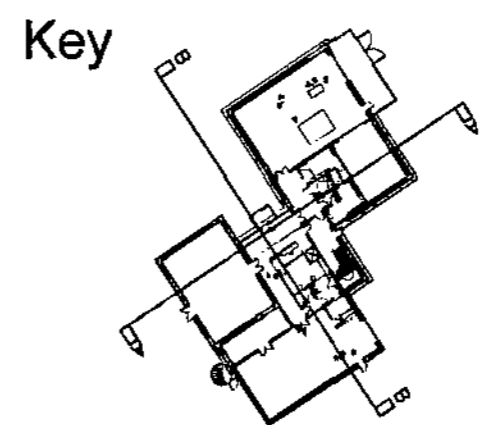
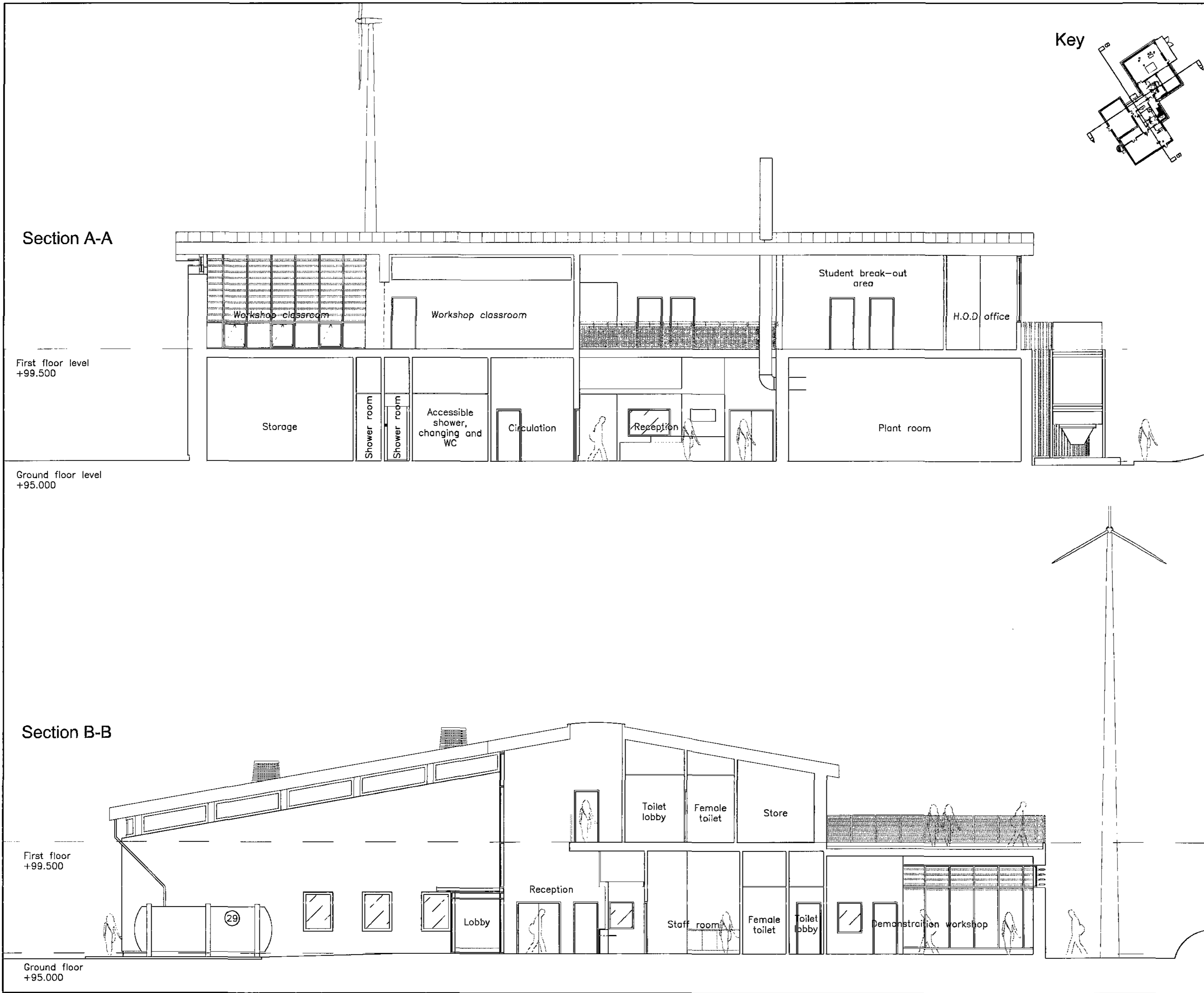
Jefferson Sheard Architects

Drawn: CLH Check: PP

**Project**  
 Barnsley College - Honeywell House  
 Centre for Sustainable Construction  
 and Renewable Energies

**Drawing**  
 Site Plan  
 with proposed development

Scale	Date	
1:500@A1	03.02.10	
Ref:	Number	Rev.
4128	A_2011	P1



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P1	11.02.2010	Drawn: CLH	Check: MH
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Planning Submission

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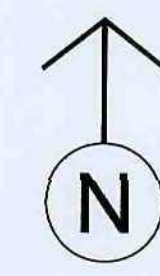
Jefferson  
 Sheard  
 Architects

Drawn CLH	Check PP
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Project  
 Barnsley College Honeywell House  
 Centre for Sustainable Construction  
 and Renewable Energies

Drawing  
 Sections AA & BB

Scale 1:100@A2	Date 11.02.2010
Ref. 4128	Number A_4002
	Rev. P1



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**Key**

- Boundaries to Barnsley College land ownership
- - - Boundary to proposed Renewable Energy Centre development

P1 02.02.2010 Drawn: CLH Check: PP  
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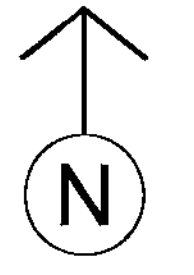
Project  
**Barnsley College - Honeywell House Centre for Sustainable Construction and Renewable Energies**





Drawing  
**Existing Site Location Plan**

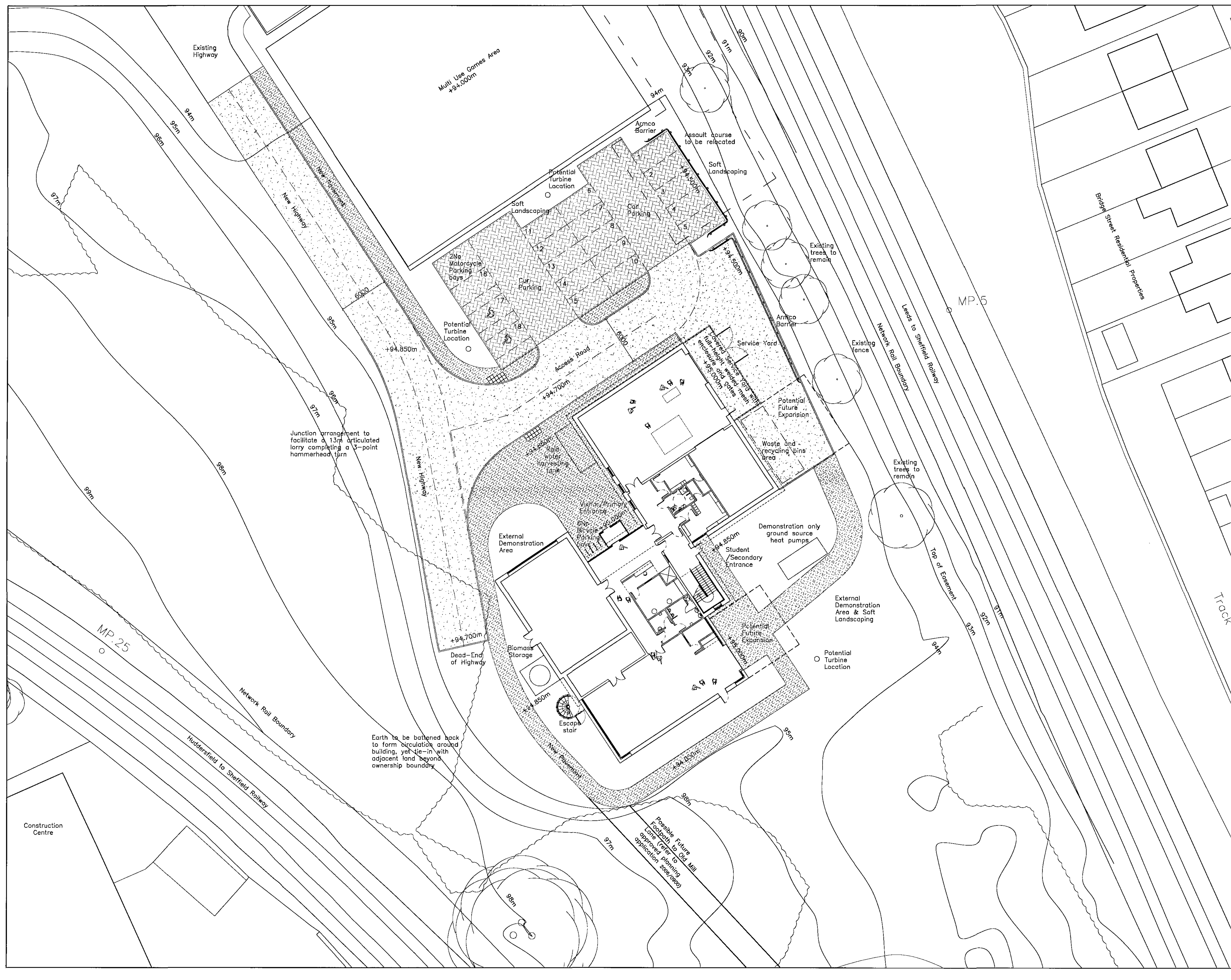
Scale <b>1:1250@A1</b>	Date <b>02.02.2010</b>
Ref. <b>4128</b>	Rev. <b>P1</b>



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-  Permeable paving
-  Highway grade tarmac
-  Pedestrian paving
-  Hard surface suitable for forklift truck movement



Junction arrangement to facilitate a 13m articulated lorry completing a 3-point hammerhead turn

Earth to be battered back to form circulation around building, yet tie-in with adjacent land beyond ownership boundary

Possible Future Footpath to Old Mill Lane (refer to Old Mill Lane application 2009/000)

P1 04.02.2010 Drawn: CLH Check: PP  
 Planning Submission

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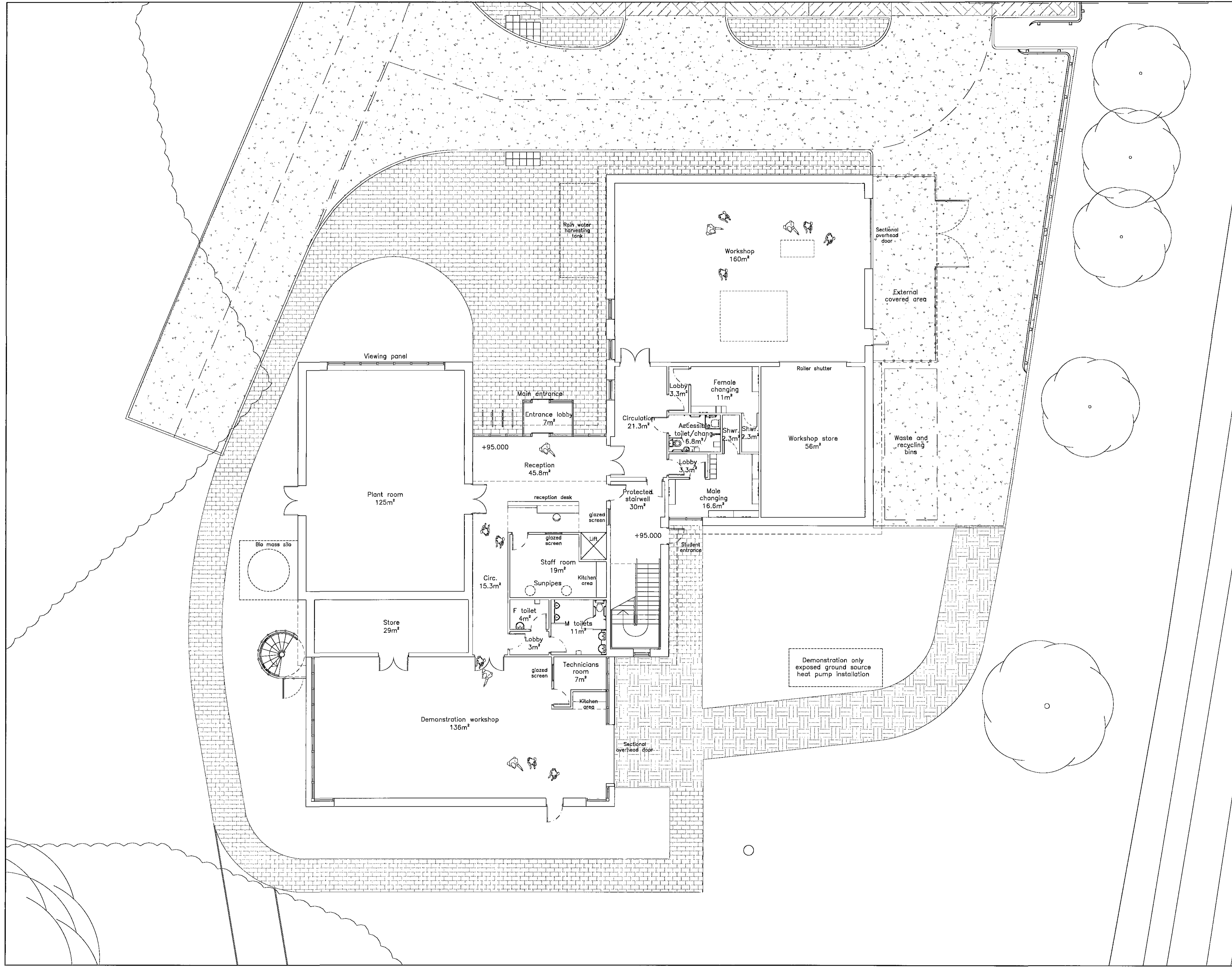
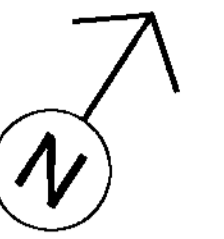
Drawn: CLH Check: PP

Project:  
**Barnsley College - Honeywell House  
 Centre for Sustainable Construction  
 and Renewable Energies**

Drawing:  
**Hard Landscaping plan**

Scale <b>1:200@A1</b>	Date <b>02.02.2010</b>
Ref <b>4128</b>	Rev <b>P1</b>

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P1 28.01.10 Drawn: CLH Check: PP  
 Planning submission

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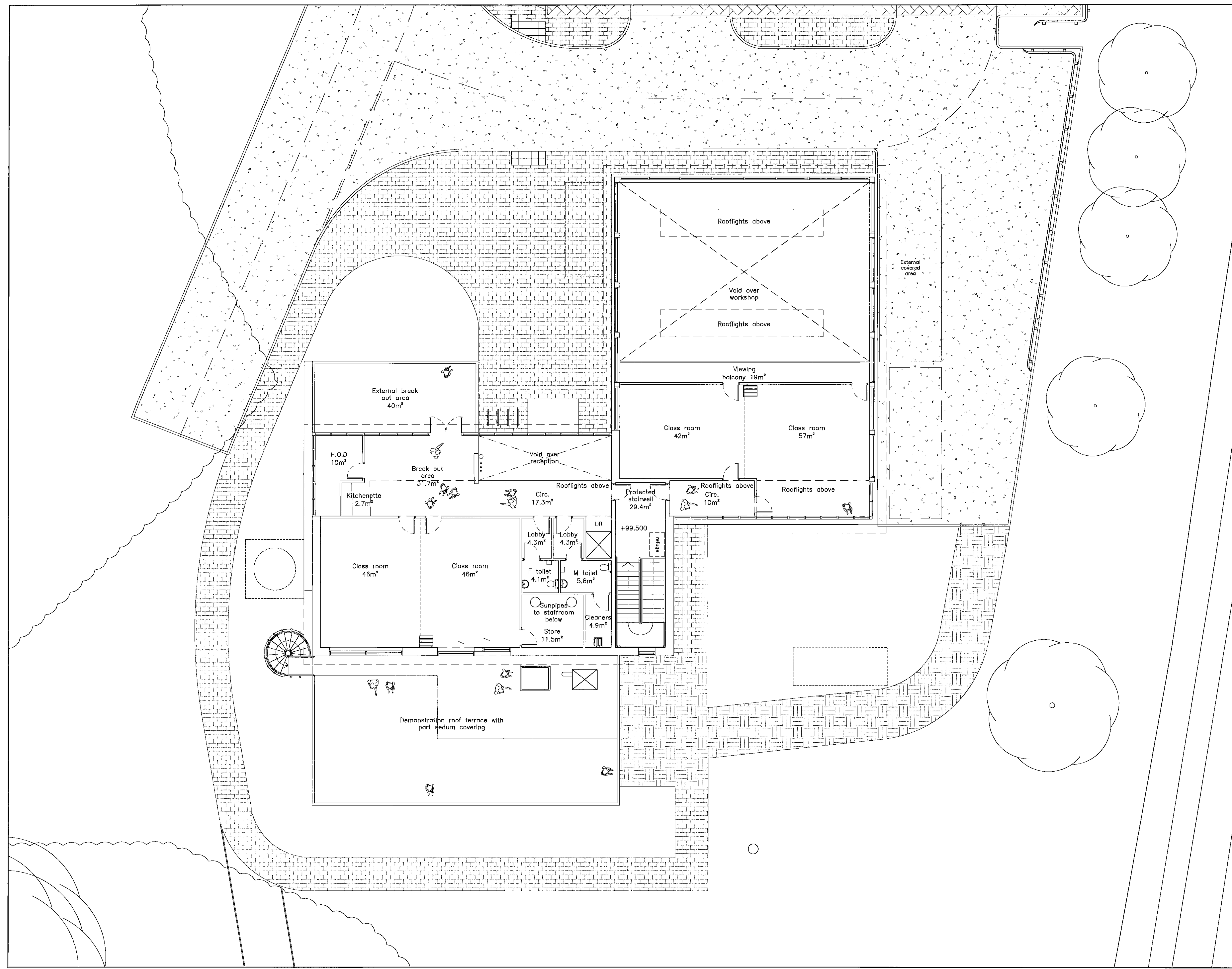
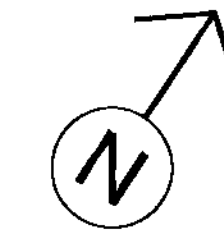
Drawn: CLH Check: PP

Project  
 Barnsley College - Honeywell House  
 Centre for Sustainable Construction  
 and Renewable Energies

Drawing  
 GA Ground Floor Plan

Scale	Date	
1:100@A1	28.01.10	
Ref.	Number	Rev.
4128	A_2013	P1

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P1 28.01.10 Drawn: CLH Check: PP  
 Planning submission

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 Architects

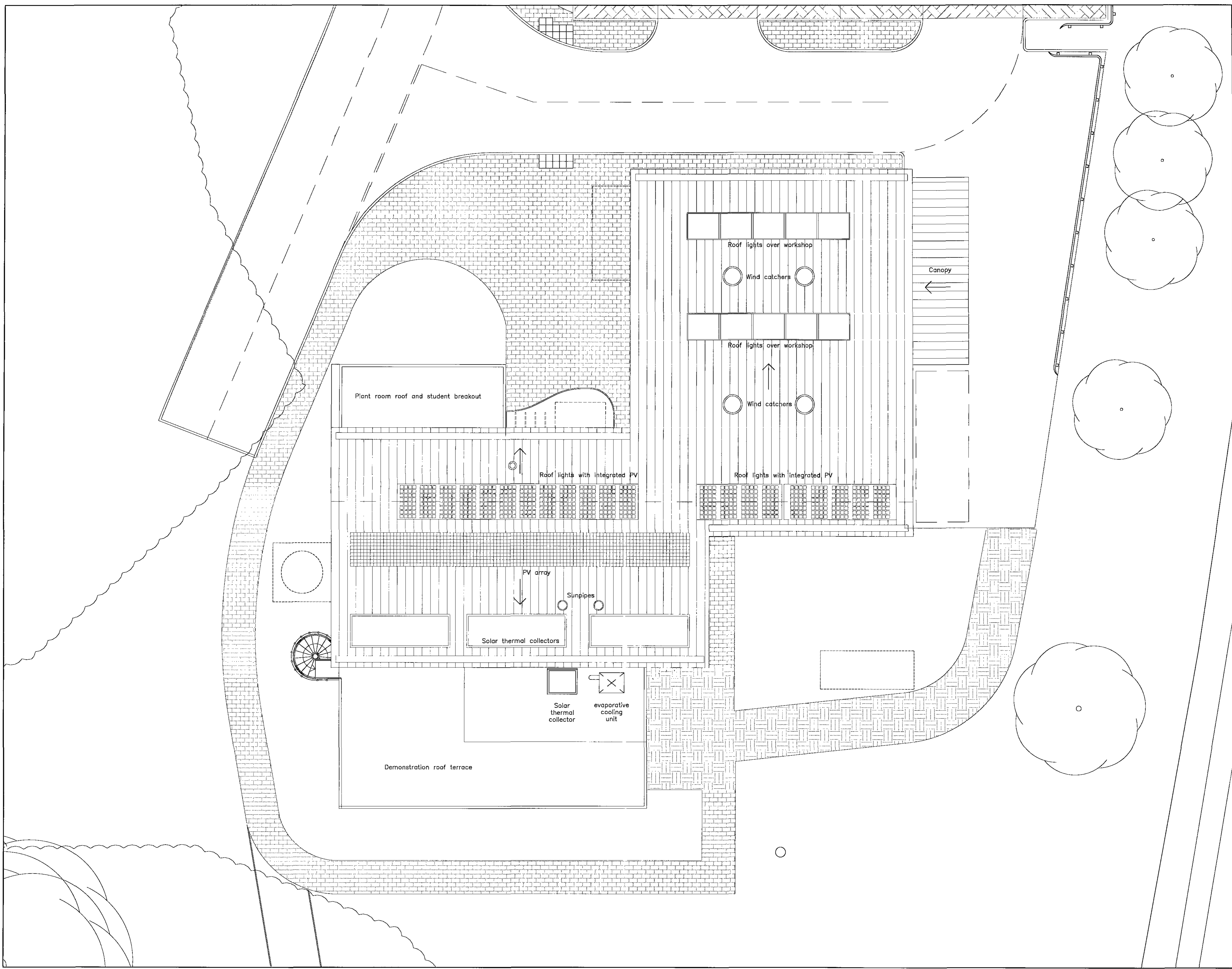
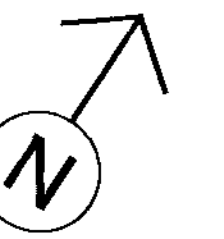
Drawn: CLH Check: PP

Project  
 Barnsley College - Honeywell House  
 Centre for Sustainable Construction  
 and Renewable Energies

Drawing  
 GA First Floor Plan

Scale 1:100@A1	Date 28.01.10
Ref. 4128	Number A_2014
	Rev. P1

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P1 28.01.10 Drawn: CLH Check: PP  
 Planning submission

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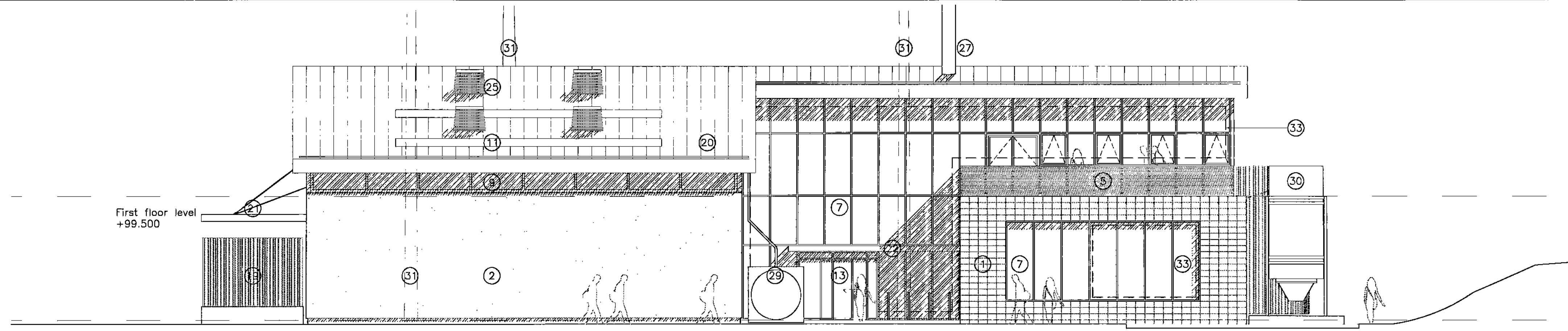


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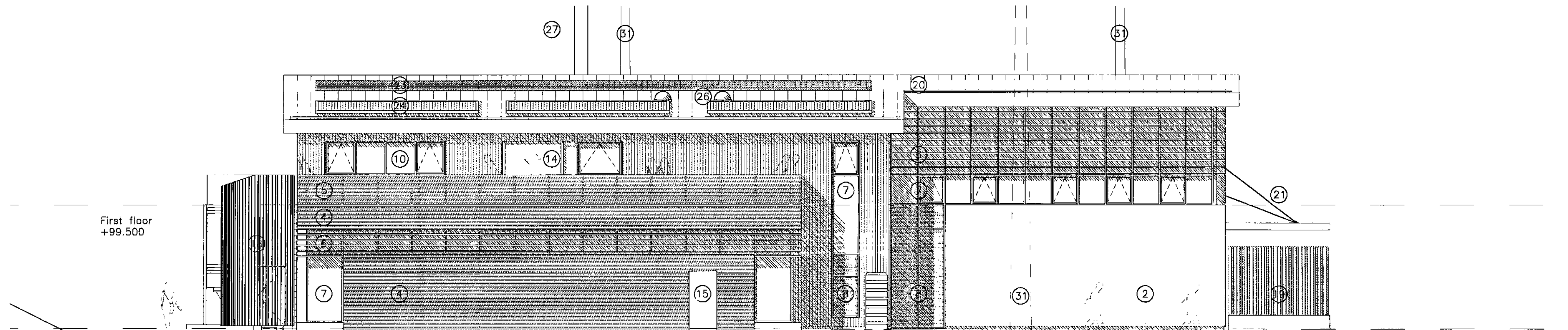
Project  
 Barnsley College - Honeywell House  
 Centre for Sustainable Construction  
 and Renewable Energies

Drawing  
 GA Roof Plan

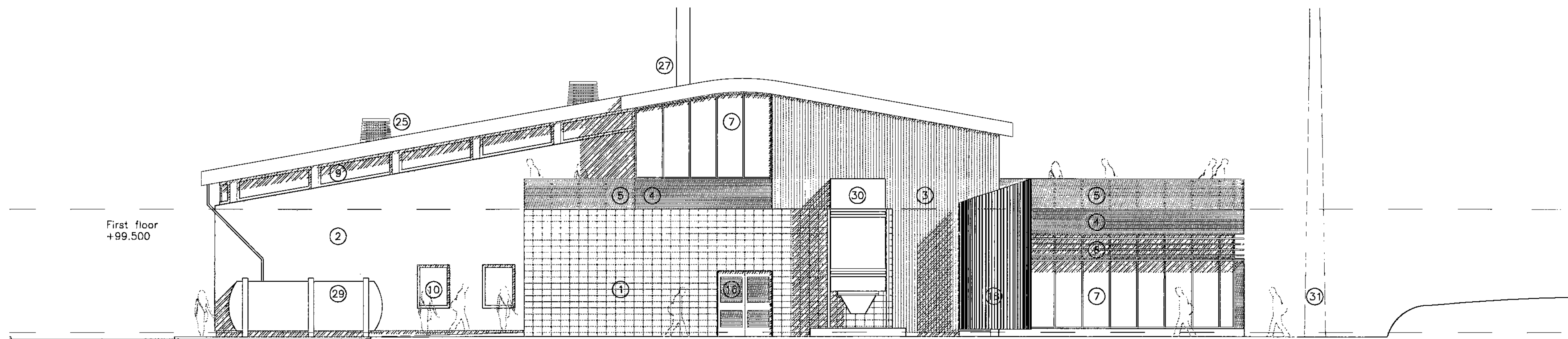
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Ref. 4128	Number A_2015
	Rev. P1



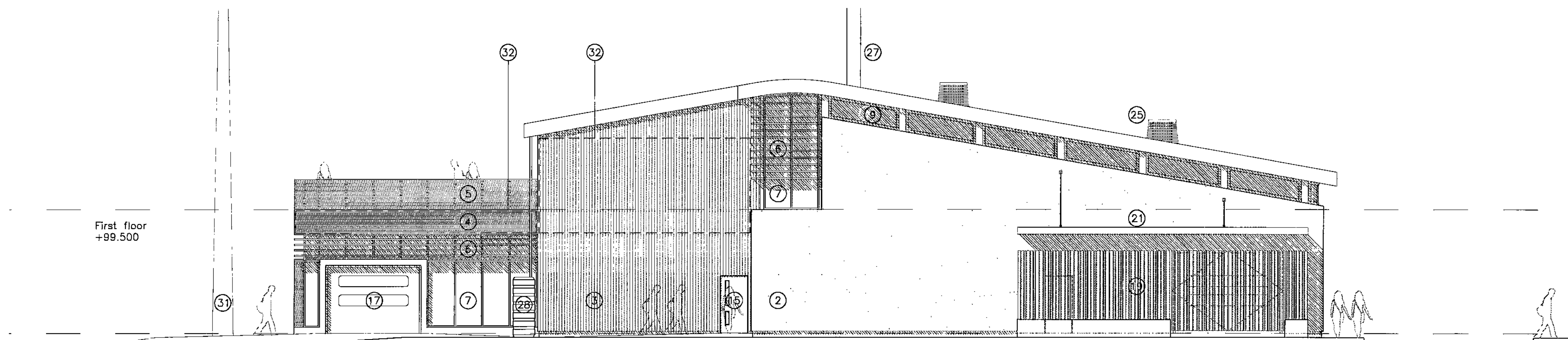
North West Elevation



South East Elevation



South West Elevation



North East Elevation

- 1 Black stack bonded large format block.
- 2 Off white, lime render insulated system applied to Ziegler blockwork walls. Render colour RAL 9001.
- 3 Vertically fixed timber rainscreen cladding with boarding of varying depths to give relief.
- 4 Horizontally fixed timber rainscreen cladding.
- 5 Terrace guarding with horizontal timber boarding fixed at equal spacings.
- 6 Horizontal timber brise soleil.
- 7 Aluminium framed curtain walling with manifestation as applicable. Mullion and transoms to be coloured dark grey, RAL 9004.
- 8 Acid Etched Glazing.
- 9 Timber framed clerestory glazing with aluminium outer face, colour RAL 9004.
- 10 Timber framed punched windows with aluminium outer face, colour RAL 9004.
- 11 Rooflights
- 12 Rooflights with integrated PV cells
- 13 Aluminium framed glazed entrance lobby with automatic sliding doors.
- 14 Timber framed glazed sliding door.
- 15 Timber escape (secondary entrance & pass) doors with finish complimentary to surrounding facade. Finish tbc
- 16 Louvered double door to plant room, finish to match in colour surrounding black blockwork.
- 17 Sectional overhead shutter doors.
- 18 External escape stair clad in vertically fixed timber boarding at equal spacings.
- 19 External fenced area and large access gates clad in vertically fixed timber boarding at equal spacings. Blockwork plinth to low level, colour to match render.
- 20 Standing seam insulated structural cassette roofing system with integrated gutters.
- 21 Lightweight suspended canopy clad in metal standing seam to match main roof.
- 22 Lightweight single ply insulated lobby roof and cycle stand canopy with aluminium fascia colour RAL 9004. Timber boarding to soffit.
- 23 Roof mounted photo voltaic cell array
- 24 Roof mounted solar thermal panels
- 25 Wind catchers
- 26 Sun pipes
- 27 Biomass boiler flue
- 28 Water butt
- 29 Rainwater harvesting tank
- 30 Biomass silo
- 31 20m high wind turbines
- 32 Signage zone - illuminated. Graphic and lettering tbc
- 33 Signage zone - Solar stable film applied to glazing. Graphic and lettering tbc.

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P1 06.02.2010 Drawn: CLH Check: MH  
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Drawn: CLH Check: PP

Project  
Bamsley College - Honeywell House  
Centre for Sustainable Construction  
and Renewable Energies

Drawing  
General Arrangement  
Elevations

Scale 1:100@A1	Date 08.02.10
Ref. 4128	Number A_3000
	Rev. P1

Section A-A

Section B-B

Barnsley College Renewable Energy Centre Site

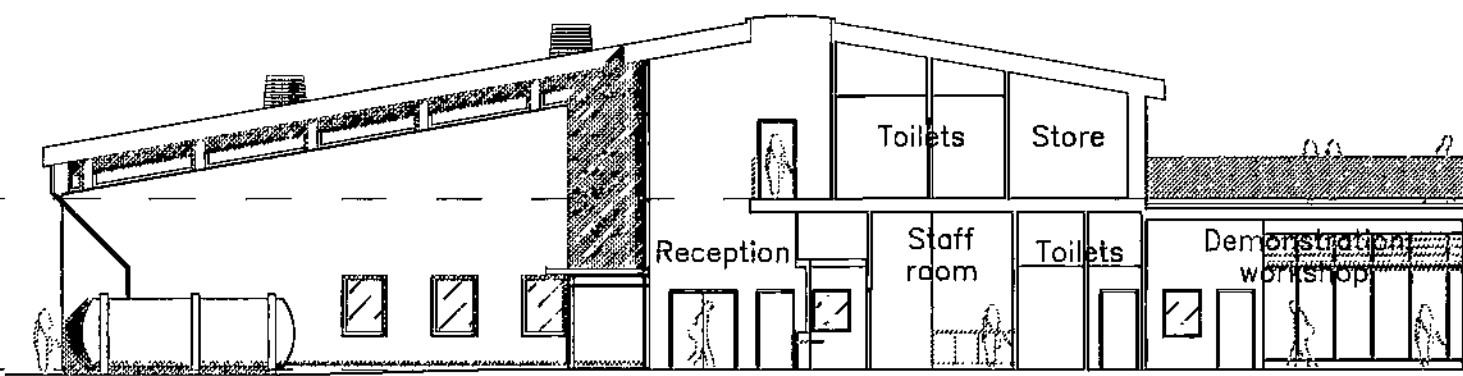
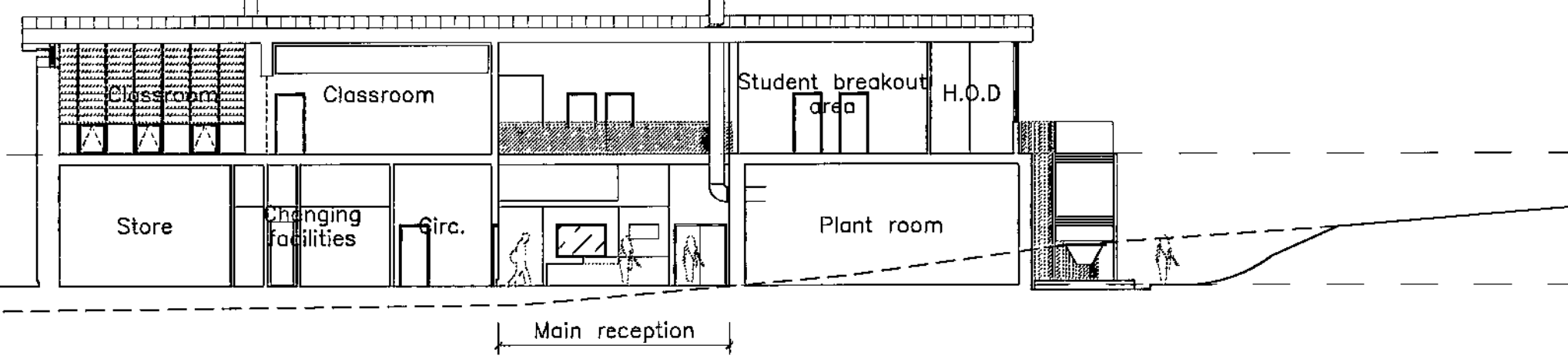
Barnsley College Renewable Energy Centre Site

Levels may be inaccurate due to site spoil tipping since the completion of the topographical survey

Levels may be inaccurate due to site spoil tipping since the completion of the topographical survey

Ash HT 4m  
First floor level +99.500m  
Ground floor level +95.000m

First floor level +99.500m  
Ground floor level +95.000m



North East Elevation

South West Elevation

Barnsley College Renewable Energy Centre Site

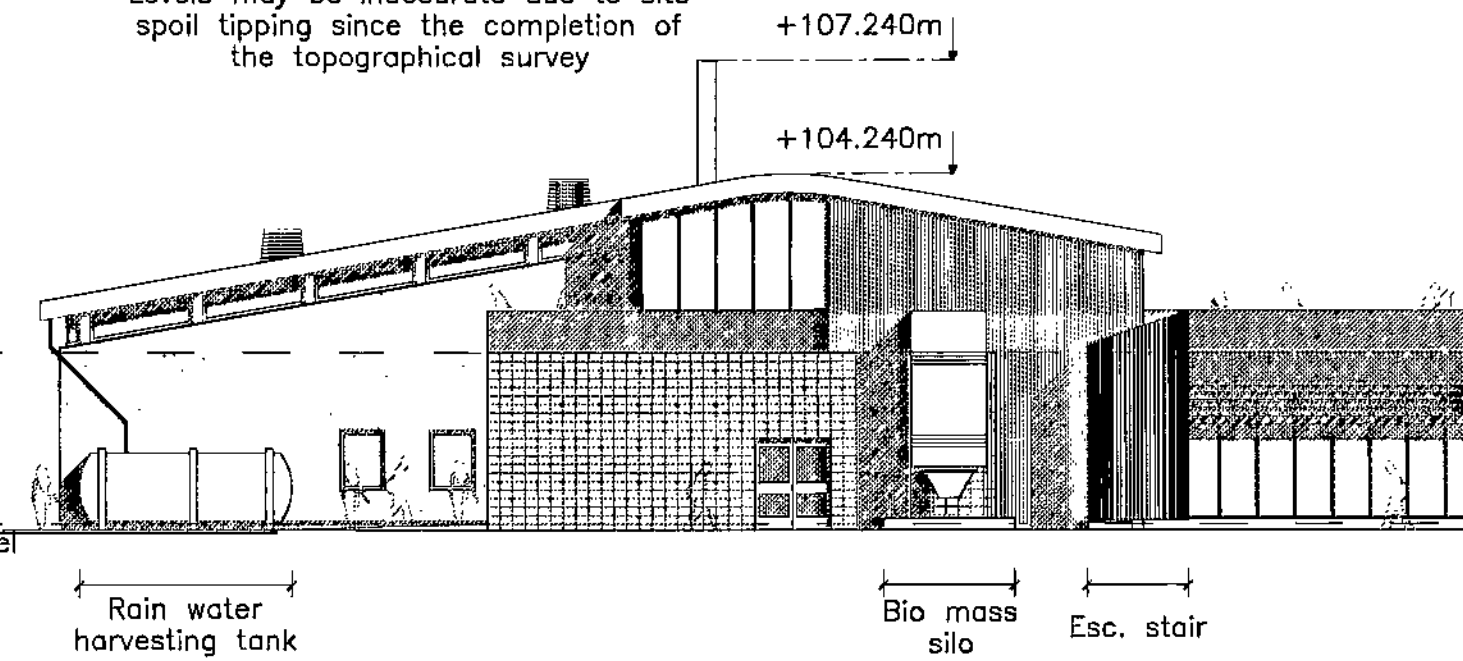
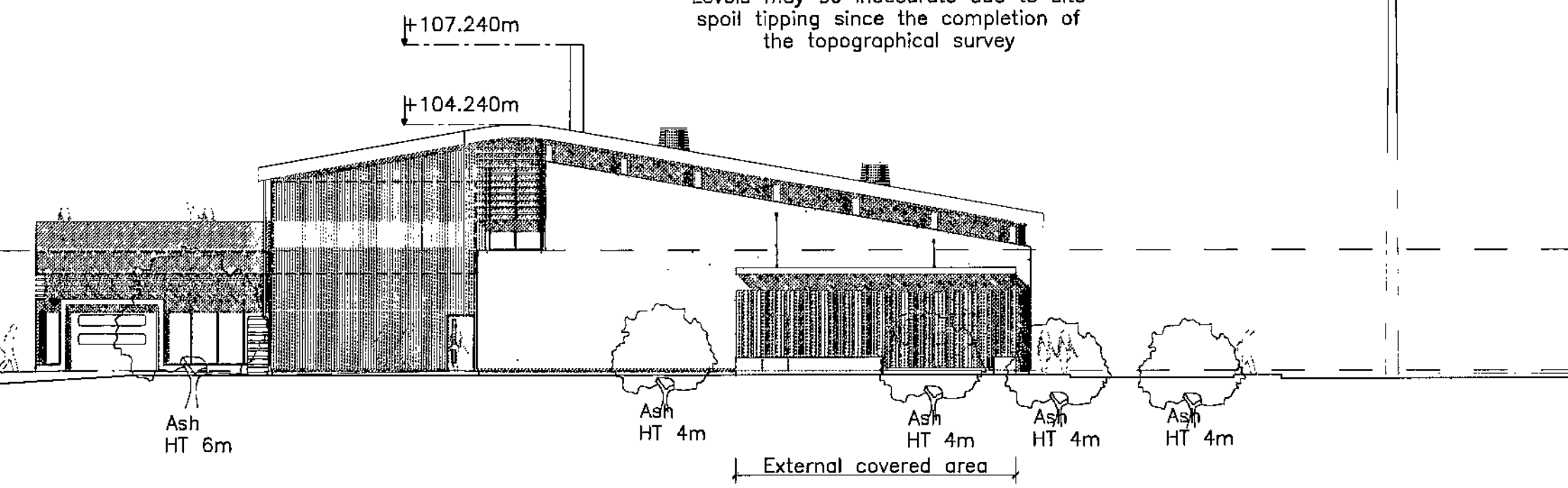
Barnsley College Renewable Energy Centre Site

Levels may be inaccurate due to site spoil tipping since the completion of the topographical survey

Levels may be inaccurate due to site spoil tipping since the completion of the topographical survey

First floor level +99.500m  
Ground floor level +95.000m

First floor level +99.500m  
Ground floor level +95.000m



North West Elevation

Barnsley College Renewable Energy Centre Site

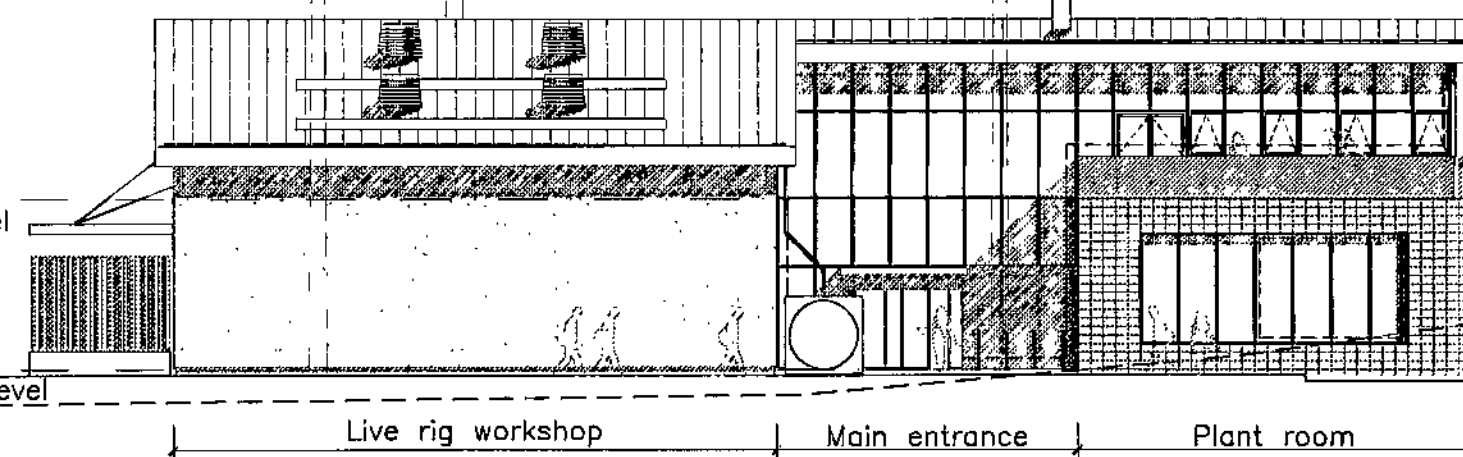
Levels may be inaccurate due to site spoil tipping since the completion of the topographical survey

Leeds to Sheffield Railway Line  
Levels of railway line assumed as access was unavailable

Huddersfield to Barnsley Railway Line  
Levels of railway line assumed as access was unavailable  
Barnsley College Service Yard

First floor level +99.500m  
Ground floor level +95.000m

+100.510m



South East Elevation

Barnsley College Renewable Energy Centre Site

Levels may be inaccurate due to site spoil tipping since the completion of the topographical survey

Barnsley College  
Construction Centre  
Service Yard  
Huddersfield to Barnsley Railway Line  
Levels of railway line assumed as access was unavailable

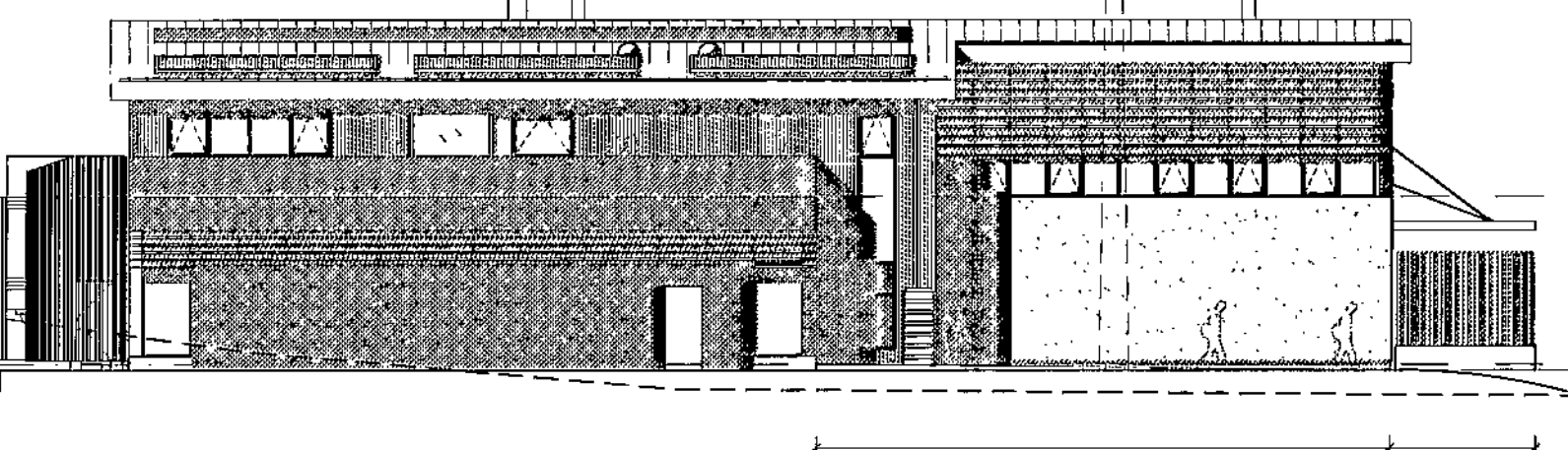
Leeds to Sheffield Railway Line  
Levels of railway line assumed as access was unavailable

Residential properties  
Levels of housing assumed from photograph data

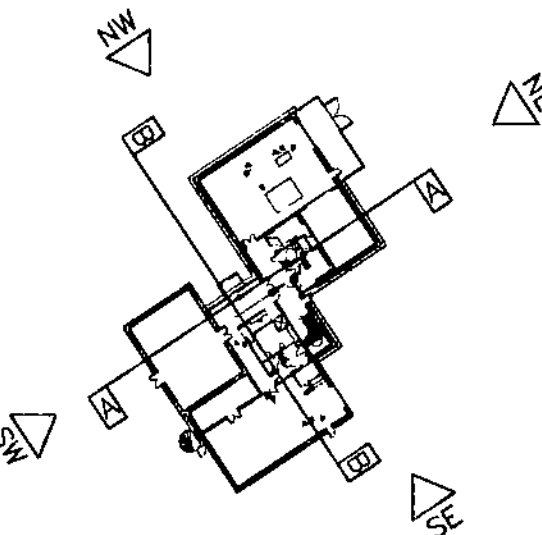
+100.510m

First floor level +99.500m  
Ground floor level +95.000m

Ash HT 6m



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Site Plan 1:1000

P1	11.02.10	Drawn: CLH	Check: MH
Elevations and sections revised in accordance with changes to client brief, Planning submission.			
A	23.06.09	Drawn: AG/GM	Check: AG
Initial Issue			

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Drawn: AG/BM Check: AG

Project  
Barnsley College - Honeywell House  
Centre for Sustainable Construction  
and Renewable Energies

Drawing  
Site Sections & Elevations

Scale	1:200@A1	Date	21.06.09
Ref	4128	Number	A_4001
		Rev	P1