

Barnsley Metropolitan  
 Borough Council  
 23 OCT 2009  
 Corporate Plan Review

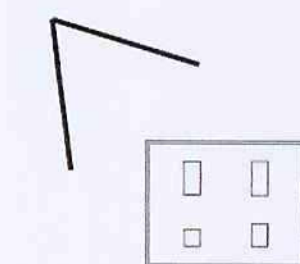
BP4L\_SPR\_ATK\_DR\_06\_BW\_LL\_026  
 Rev. P01

STAGE 1 - SECTION AA  
 (1:20 @A1)

SPRINGWELL SCHOOL

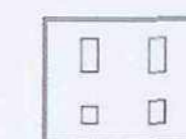


proposed view from north west





proposed view from sports pitch



SPR\_SK005

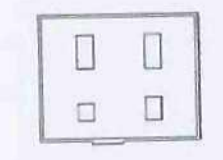
Perspective view of building from sports pitch

SPRINGWELL SCHOOL



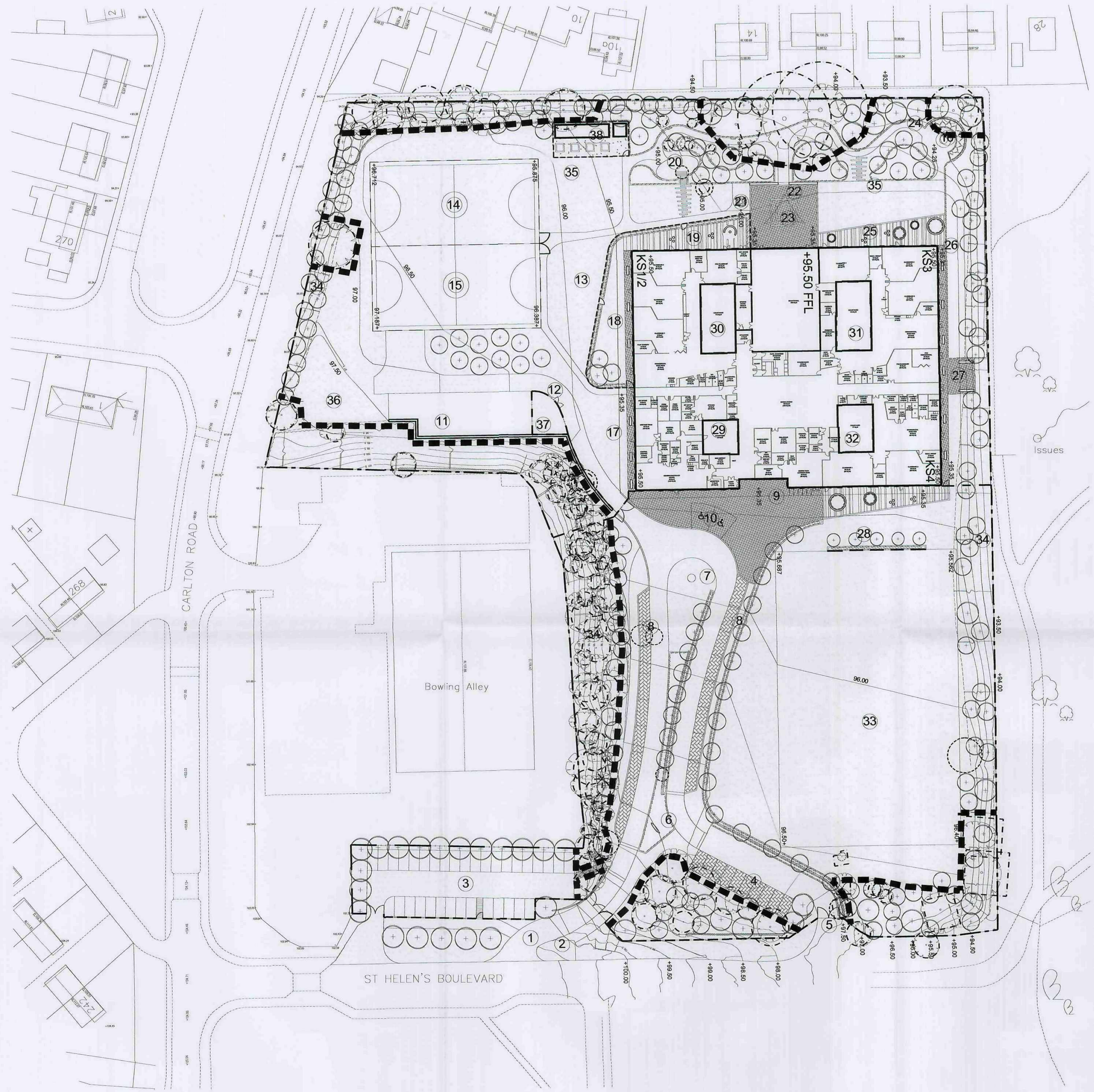
proposed approach to main entrance

Bamsley Metropolitan  
Borough Council  
23 OCT 2009  
Corporate Plan 150011



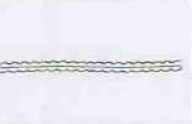

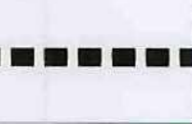


SPR\_SK003  
Entrance approach  
perspective view

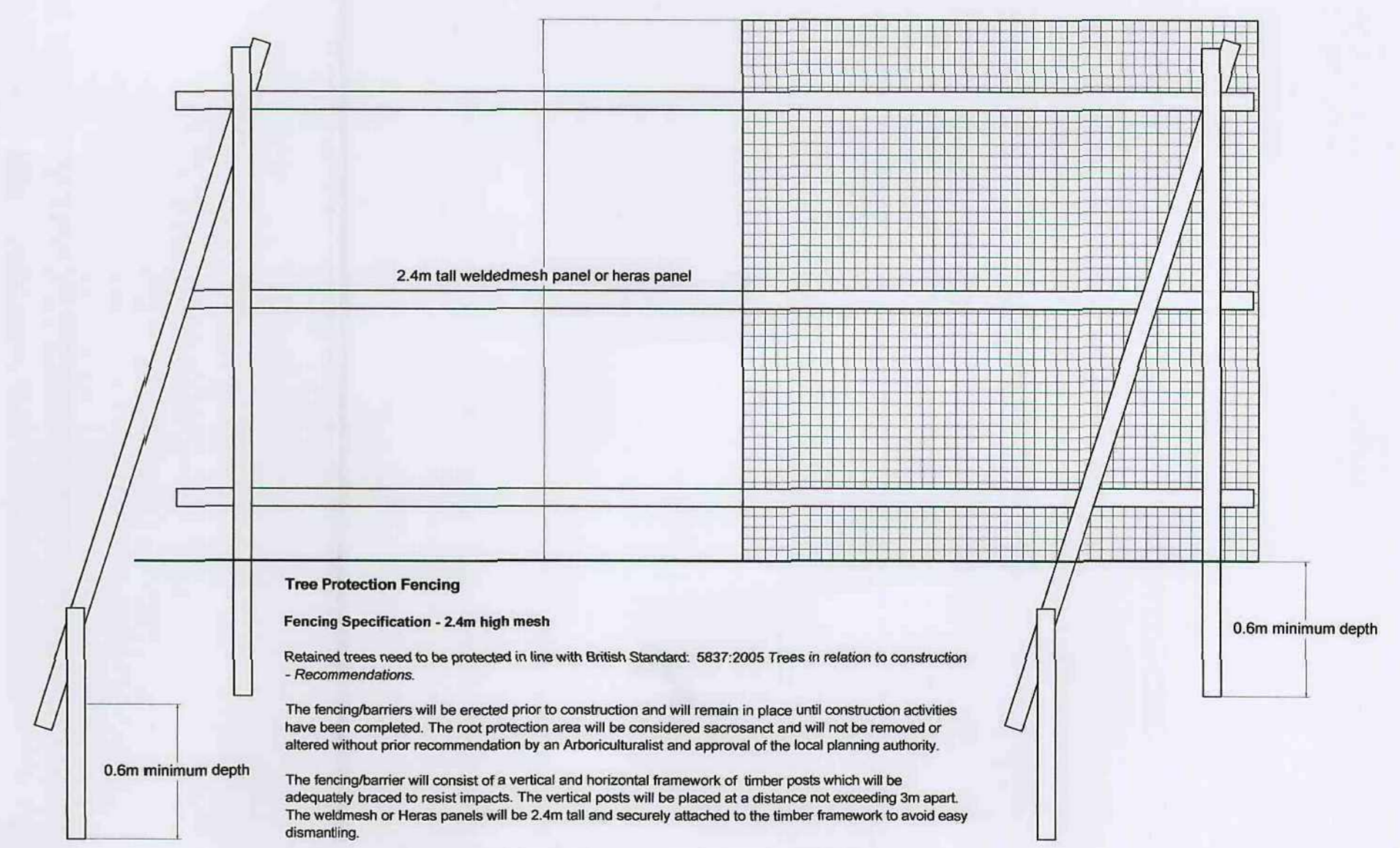
SPRINGWELL SCHOOL



**LEGEND**

-  Existing tree to be retained
-  Existing tree to be removed  
Trees will be retained where possible
-  Existing hedge to be retained
-  Root protection zone  
Where construction works are required close to, or within the Root Protection Zones, details in accordance with BS5837:2005 will be provided to the BMBC Landscape Officer for comment and approval prior to commencement on site.
-  Proposed alignment of tree protection fencing.  
Erection of the fence and any works required close to/within the tree protection zone will be undertaken in accordance with BS5837:2005

NB. Some lengths of fence may be downgraded to chestnut pale fence where existing vegetation is not at risk from construction works. To be agreed with Barnsley MBC Landscape Officer on site.




**Tree Protection Fencing**  
**Fencing Specification - 2.4m high mesh**  
 Retained trees need to be protected in line with British Standard: 5837:2005 Trees in relation to construction - Recommendations.  
 The fencing/barriers will be erected prior to construction and will remain in place until construction activities have been completed. The root protection area will be considered sacrosanct and will not be removed or altered without prior recommendation by an Arboriculturalist and approval of the local planning authority.  
 The fencing/barrier will consist of a vertical and horizontal framework of timber posts which will be adequately braced to resist impacts. The vertical posts will be placed at a distance not exceeding 3m apart. The weldmesh or Heras panels will be 2.4m tall and securely attached to the timber framework to avoid easy dismantling.  
 No felling will be made to any tree and appropriate measures will be taken to prevent damage to tree roots when locating the posts. All types of barriers will be firmly attached to prevent movement by site personnel or vehicles and all weather signs with the wording "Construction exclusion zone- keep out" will be attached.  
 Fencing will be regularly inspected for damage or loosening of fixings and repaired promptly.

Barnsley Metropolitan Borough Council  
 23 OCT 2009  
 Corporate Services

REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
P01	Preliminary Issue	07.07.09			
P02	Plan scale changed, root protection zone and notes added to key	15.09.09			



Design Risk Management Reference: BPL\_SPR\_AWP\_RA\_94\_BW\_LL\_01

	PROJECT Barnsley BSF - Springwell SEN School	SCALE (A1)	DATE	DRAWN	CHKD
	DRAWING TITLE Tree Protection Drawing	1:500	07-09-2009	JW	JH
DRAWING No. BP4L_SPR_AWP_DR_94_BW_LL_08_P02	Anthony Walker and Partners Limited Tel: 0191 233 0188	10 Summerhill Terrace Newcastle upon Tyne Fax: 0191 261 1527	NE4 6EB www.awpenvironment.co.uk		

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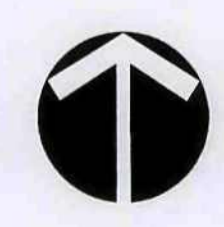
- Site Area**  
The total area measured to boundary fence.
- External Teaching**
- Sports Pitches**  
The total area of Sports Pitches must include playing field area laid out to suit team games including:  
- winter pitches for the schools preferred team games, such as football, rugby and hockey  
- overlapping summer pitches, such as cricket, a 400m athletics track, and facilities for field events.  
All-weather pitches, including synthetic turf pitches or polymeric surfaces, offer more intensive use than grass and, particularly with floodlighting, can also offer a popular community resource.  
The area of all-weather pitches can be counted twice for the purposes of both these guidelines and regulations, as they can be used for significantly more than seven hours a week required for team game playing fields.
- Soft informal and social**  
The 'soft' areas should be conveniently situated, safe and provide some shade. Imaginative landscaping and planting can provide a range of outdoor areas, including quiet areas that may be particularly appropriate to pupils with SEN or disabilities.  
The total area could include:  
- grassed space to sit and socialise;  
- sloping grass areas for spectators or a natural amphitheatre;  
- landscaped or planted areas near to buildings.
- Games Courts [hard surfaced]**  
In new schools, the total area of hard surfaced games courts should include:  
- a multi-use games area with three badminton courts overlaid, with critical dimensions of 60m x 20m plus margins;  
- further tennis/badminton courts in larger schools.  
Laying out a variety of courts within a single, multi-use games area makes supervision easier and extends the range of games.  
In existing schools, a similar amount of hard surfaced area should be laid out for games.
- Hard informal and social**  
To complement the soft informal and social areas, there should be hard-surfaced playgrounds and sheltered space for socialising and for the encouragement of healthy, active, creative outdoor play. Appropriate site furniture, such as seating, to accommodate larger outdoor study groups and smaller more intimate areas, is important. This area should also provide scope, through a range of hard surfaces and structures, for pupils to engage in outdoor art, theatre, dance and design.  
The total area should include:  
- hard-surfaced, sheltered space to sit and socialise, including those accessed from adjacent teaching spaces;  
- large hard-surfaced areas for more active play.  
And may also include roofing play areas or 'playdecks' at upper floors that may be available to pupils in confined sites.
- Habitat**  
Habitat areas can include a range of outdoor classroom spaces and designs to provide a valuable resource for teaching and learning across the whole curriculum, as well as for children's emotional, social and cultural development. They are important for involving pupils in the life and management of the school.  
The total habitat area should include grounds developed for a range of supervised activities, for instance meadowland, wildlife habitats (such as ponds), gardens and outdoor science areas to support the curriculum.
- Buildings and Access**  
The non-net site area will vary depending on the configuration of the site and buildings. It will include:  
- the 'footprint' of the buildings;  
- delivery access;  
- refuse areas (secure or distant from the buildings);  
And will usually include:  
- entrance paths, roads and related landscaping not normally available to pupils;  
- car parking (usually equivalent to one parking bay per teacher plus a few bays for visitors and the disabled);  
And may include:  
- spaces for coaches, buses or taxis to safely drop-off pupils, particularly those with SEN or disabilities;  
- secure bicycle storage for pupils.  
It is most important to consider means of separating children's pedestrian access from vehicular circulation delivery areas and parking and for providing adequate, visible secure bicycle storage for older pupils.

**Totals**

Total Site Area	c.24,750m <sup>2</sup>	
Sports Pitches	4,200m <sup>2</sup>	6,940m <sup>2</sup>
Games Courts [hard surfaced]	1,370m <sup>2</sup> (x2)	
Soft informal and social	1,800m <sup>2</sup>	
Hard informal and social	630m <sup>2</sup>	
Habitat	425m <sup>2</sup>	
Buildings and Access	c.8,800m <sup>2</sup>	
Float	c.7,135m <sup>2</sup>	
Proposed internal courtyards	390m <sup>2</sup>	

Based on drawing or sketch no  
BP4L\_SHA\_AWP\_DR\_94\_BW\_LL\_01 P11  
**DCSF Site Areas**

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23 OCT 2009  
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**Barnsley Partnership  
For Learning**

Design Risk Management Reference: CDW

PROJECT: Barnsley BSF - Springwell SEN School  
DRAWING TITLE: DCSF Areas  
DRAWING No: BP4L\_SPR\_AWP\_DR\_94\_BW\_LL\_06 P02  
SCALE (A1): 1:500  
DATE: 20-10-2009  
DRAWN: AH  
CHKD: JH

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- LEGEND**
- Existing tree planting to be retained. All trees to be protected to BS 5837:2005
  - Proposed individual tree planting (change of size from seed meters to feathered depending on location - actual sizes and numbers to be finalized during stage 2)
  - Proposed shrub planting (including climbers, herbaceous/grasses and emergent planting)
  - Proposed hedge planting (including both formal and native planting)
  - Proposed amenity grass areas (including wildflower and bulb planting)
  - Proposed sports pitch areas
  - Proposed raised planter
  - Proposed retaining wall
  - Proposed pedestrian tarmac Areas
  - Proposed vehicular tarmac Areas
  - Proposed car park bay/drop off surfacing (porous system)
  - Proposed concrete block paving
  - Existing embankments
  - Proposed pedestrian crossing
  - Proposed ground graphics/edgings
  - Proposed formal/informal seating
  - Potential location for tensile structure
  - Proposed 2.4m high weldmesh fence with matching pedestrian and vehicular gates
  - Proposed 3m high fence to hard games courts with matching vehicular and pedestrian gates
  - Existing boundary treatments to be retained and repaired or repositioned where necessary
  - Proposed 1.8m high decorative steel fence with matching pedestrian gates
  - Indicative proposed contours
  - Indicative proposed spot levels
  - Proposed palisade to match existing boundary

- Notes**
1. Main vehicular access
  2. Main pedestrian access
  3. Carpark - 31 no. spaces
  4. Carpark - 10 no. spaces
  5. Main vehicular exit
  6. Entrance sign
  7. Potential location for sculpture
  8. Text drop-off/additional parking
  9. Main entrance plaza with cycle racks
  10. Disabled parking - 2 no. spaces
  11. Potential location of energy centre
  12. Service yard access
  13. Soft play reinforced grass/fire tender route
  14. Hard games court
  15. Synthetic turf pitch
  16. Willow tunnel/labor
  17. Grassed breakout area with conservation kerb
  18. Outdoor dining/social breakout
  19. KS1/2 breakout area/social space
  20. Sensory Garden
  21. Existing Well
  22. Outdoor performance space/amphitheatre
  23. Tensile structure/canopy
  24. Habitat garden
  25. KS3 breakout area
  26. Service path
  27. Viewing platform
  28. KS4 breakout area
  29. Internal courtyard - Reception/Staff
  30. Internal courtyard - KS1/2
  31. Internal courtyard - KS3
  32. Internal courtyard - KS4
  33. Natural turf sports pitch
  34. Reinforcement planting to existing trees
  35. Soft play areas
  36. Potential location of wind turbine
  37. Bin store
  38. Polytunnel

Barnsley Metropolitan  
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23 OCT 2009  
Corporate main



Design Risk  
Management  
Reference:  
CDM

PROJECT Barnsley BSF - Springwell SEN School		SCALE (A1)	DATE	DRAWN	CHKD
DRAWING TITLE Sketch Landscape Masterplan		1:500	14-10-2009	AH	JH
DRAWING No. BP4L_SPR_AWP_DR_94_BW_LL_01 P11					
Anthony Walker and Partners Limited Tel: 0191 233 0188	10 Summerhill Terrace Fax: 0191 261 1527	Newcastle upon Tyne		NE4 6EB	www.awpenvironment.co.uk



**LEGEND**  
 [Red outline] Site boundary (information taken from outline planning documents - definitive site boundary to be confirmed)

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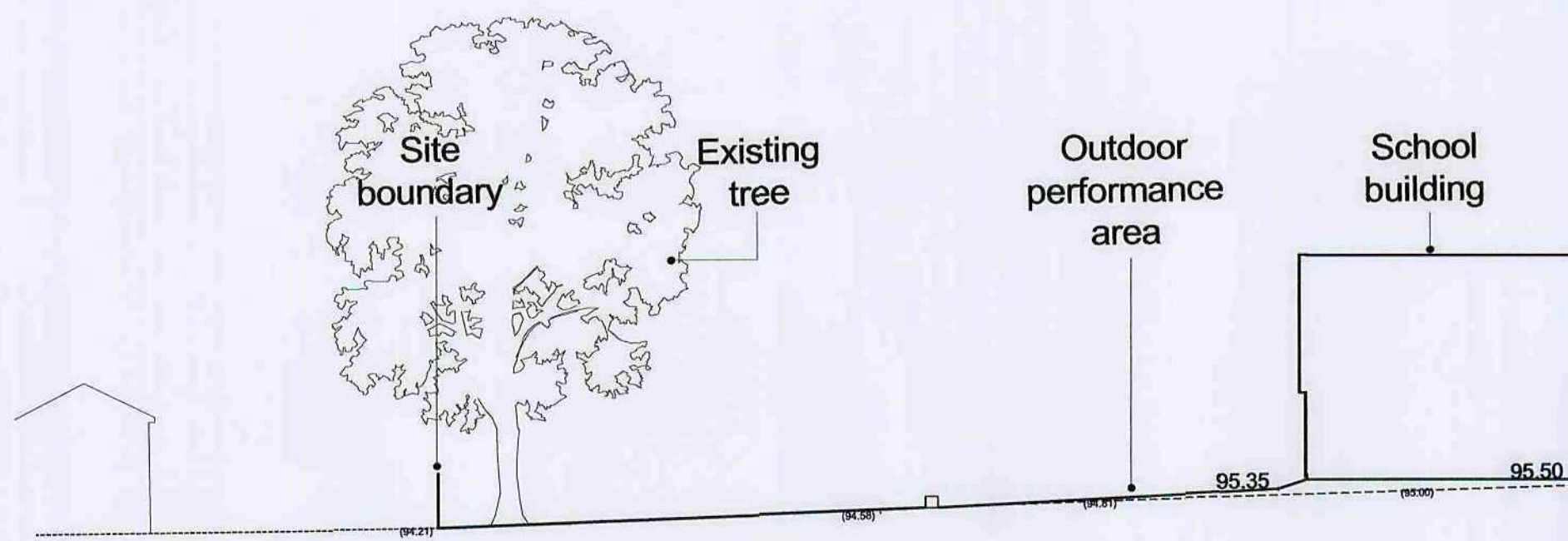
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE



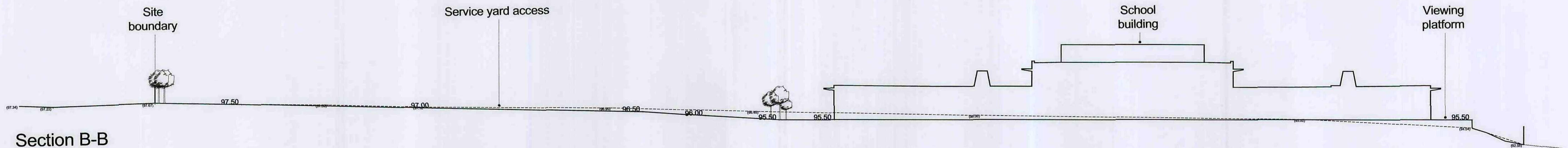
Design Risk Management Reference: BP4L\_SPR\_AWP\_RA\_94\_BW\_LL\_07

	<b>PROJECT</b> Barnsley BSF - Springwell SEN School		
	<b>DRAWING TITLE</b> Topographical survey		
DRAWING No: BP4L_SPR_AWP_DR_94_BW_LL_07	SCALE (A1): 1:500	DATE: 04-09-2009	DRAWN: AH CHKD: JH
Anthony Walker and Partners Limited Tel: 0191 233 0188	10 Summerhill Terrace Fax: 0191 261 1527	Newcastle upon Tyne Email: info@awpenvironment.co.uk	NE4 6EB www.awpenvironment.co.uk

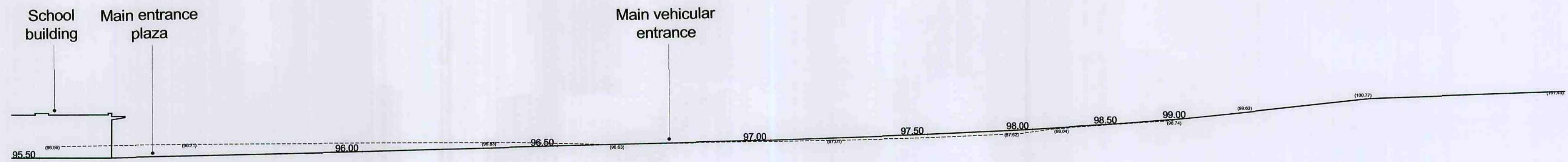
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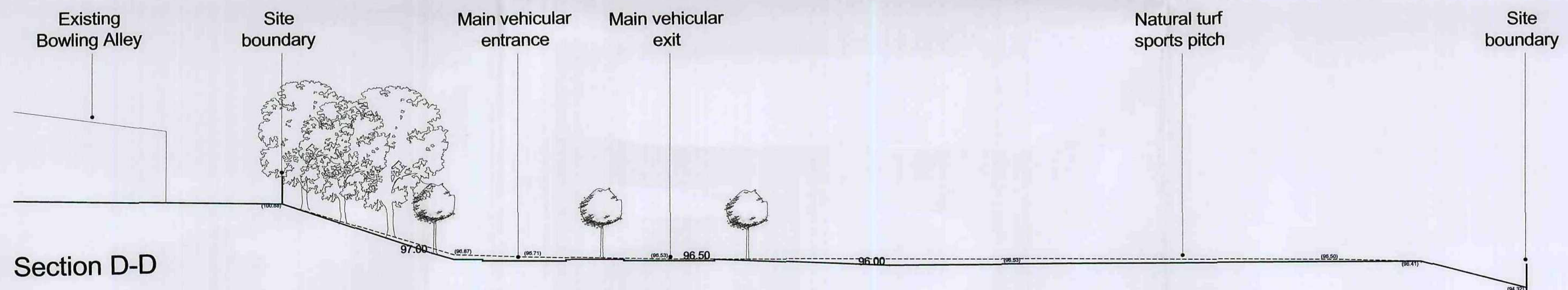
Section A-A



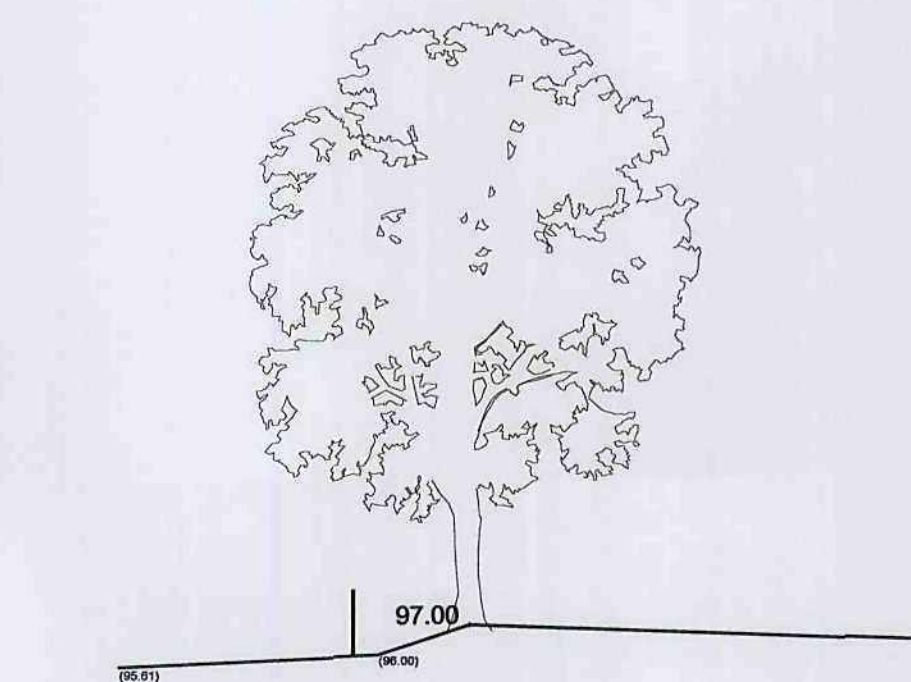
Section B-B



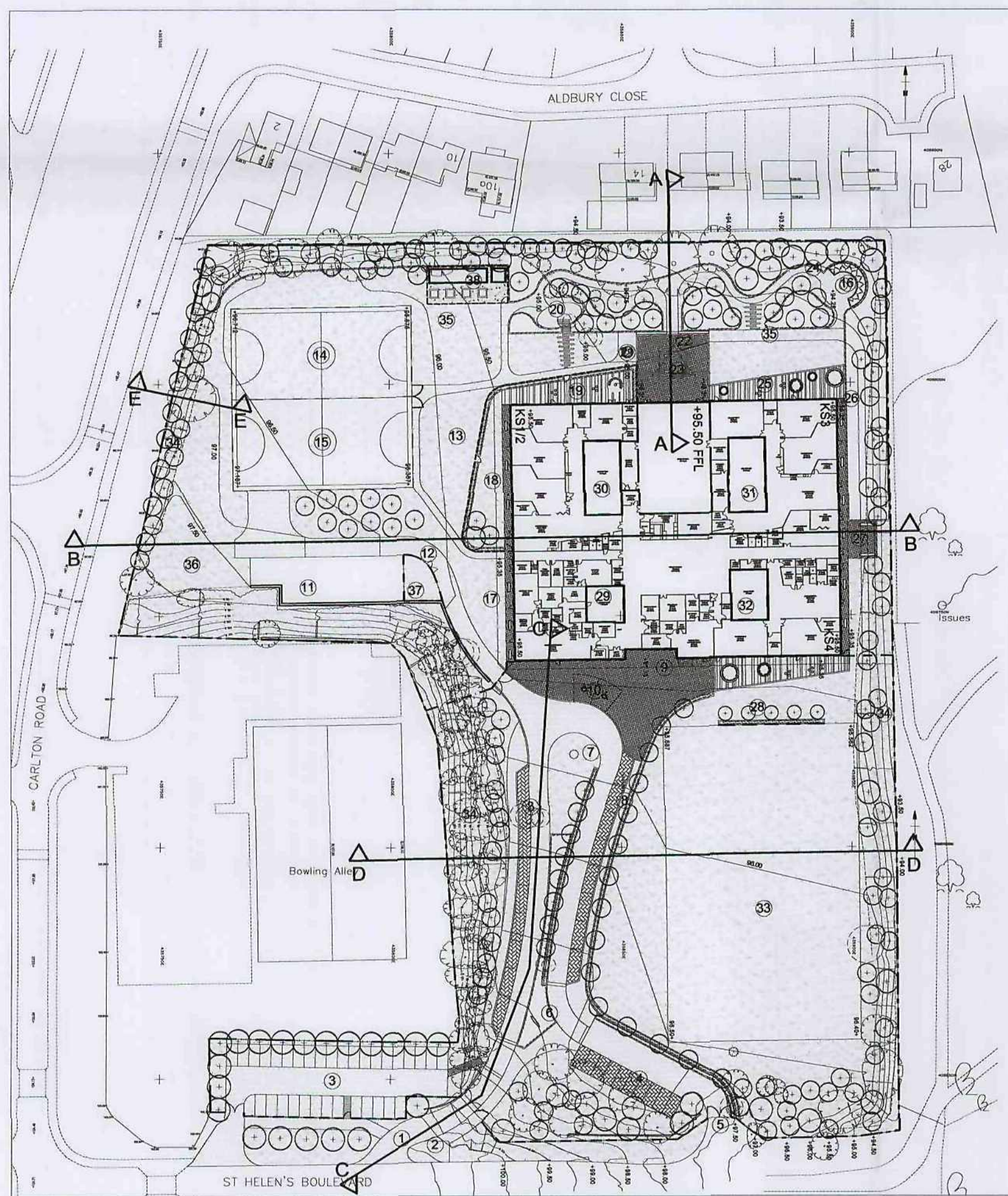
Section C-C



Section D-D



Section E-E



Location Plan - 1:1000

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Corporate Brand (1/2009)

**NOTES**  
Existing section lines shown dashed.  
Proposed section lines shown solid.  
Existing spot levels shown in brackets.  
Proposed spot levels shown without brackets.  
Existing trees shown indicatively.



REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
REV. P01	Preliminary Issue	07.07.09			
P02	New building outline added	15.10.09			



Design Risk  
Management  
Reference  
BP4L\_SPR\_AWP\_  
RA\_94\_BW\_LL\_01



PROJECT		SCALE (A1)		DATE	DRAWN	CHKD
Barnsley BSF - Springwell SEN School		1:250		20-10-2009	LS	JH
DRAWING TITLE		DRAWING No.		NEWCASTLE UPON TYNE		
Site Sections		BP4L_SPR_AWP_DR_94_BW_LL_09 P02		www.awpenvironment.co.uk		
Anthony Walker and Partners Limited		10 Summerhill Terrace		Newcastle upon Tyne		
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