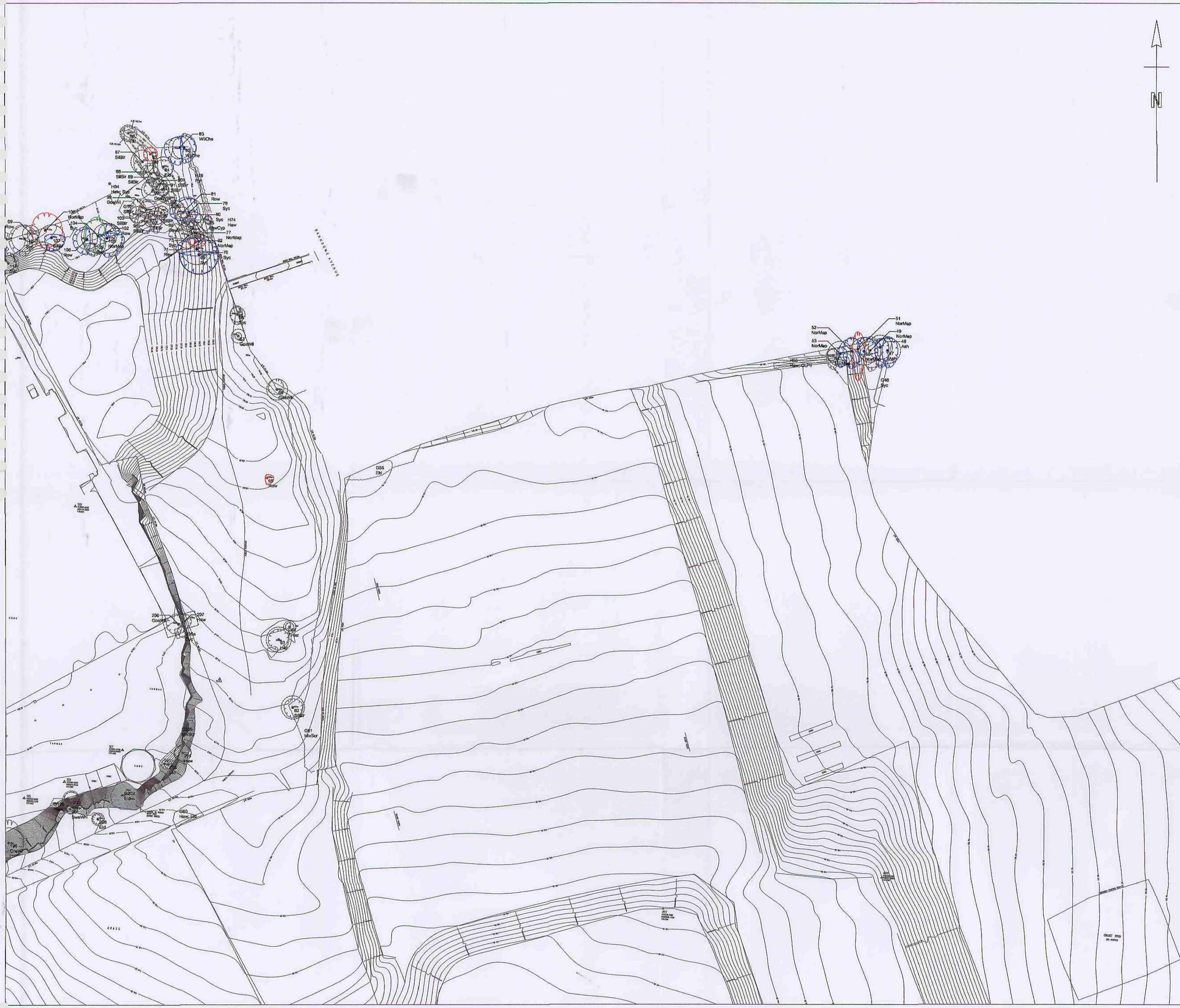


Key

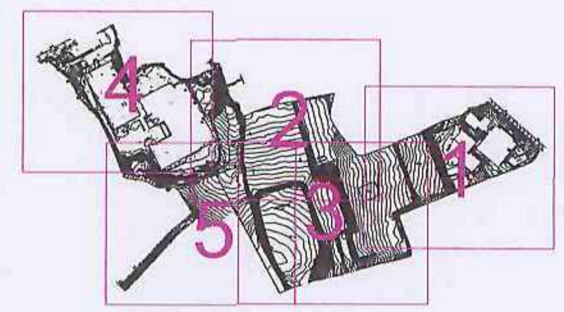
- Tree or shrub of high quality and value (Category A)
- Tree or shrub of moderate quality and value (Category B)
- Tree or shrub of low quality and value (Category C)
- Tree or shrub of poor quality and value (Category R)
- Root Protection Area (RPA) (Categories A-C and individual trees only)
- Group of trees and/or shrubs (Quality and value category as colour. RPA as crown-spread)
- Hedge (Quality and value category as colour. RPA as crown-spread)

Notes

1. Survey carried out according to BS5837:2005 'Trees in relation to construction - Recommendations'.
2. Refer to accompanying tree survey report for full survey details.
3. Plan based on topographical survey drawing no. 9861 1-11 Rev.B.

Species

Ald - Alder (Alnus glutinosa)
App - Apple (Malus domestica)
Ash - Ash (Fraxinus excelsior)
BlaPop - Black poplar (Populus nigra)
CheLau - Cherry Laurel (Prunus laurocerasus)
ComLim - Common Lime (Tilia x europaea)
Cot - Cotoneaster (Cotoneaster sp.)
CraWil - Crack Willow (Salix fragilis)
DMPin - Dwarf Mountain Pine (Pinus mugo)
DowBir - Downy Birch (Betula pubescens)
GoaWil - Goat Willow (Salix caprea)
Eld - Elder (Sambucus nigra)
FalAca - False Acacia (Robinia pseudoacacia)
Haw - Hawthorn (Crataegus monogyna)
Haz - Hazel (Corylus avellana)
Hor - Hornbeam (Carpinus betulus)
ItaAld - Italian Alder (Alnus cordata)
JapChe - Japanese Cherry (Prunus serrulata)
LawCyp - Lawson Cypress (Chamaecyparis lawsoniana)
LeyCyp - Leyland cypress (x Cuppressocyparis leylandii)
MidHaw - Midland Hawthorn (Crataegus laevigata)
MixBro - Mixed broadleaves
MixScr - Mixed scrub
NorMap - Norway Maple (Acer platanoides)
LonPla - London Plane (Platanus x hispanica)
OLPri - Oval-leaved Privet (Ligustrum ovalifolium)
OrnShr - Ornamental shrubs
PCApp - Purple Crab Apple (Malus x purpurea)
RedOak - Red Oak (Quercus rubra)
Row - Rowan (Sorbus aucuparia)
ScoPin - Scots Pine (Pinus sylvestris)
SesOak - Sessile Oak (Quercus petraea)
SHSum - Stag's-horn Sumach (Rhus typhina)
SilBir - Silver Birch (Betula pendula)
SilMap - Silver Maple (Acer Saccharinum)
SweChe - Sweet Chestnut (Castanea sativa)
SweWhi - Swedish Whitebeam (Sorbus intermedia)
Syc - Sycamore (Acer Pseudoplatanus)
WeeWil - Weeping Willow (Salix 'Chrysocoma')
Whi - Whitebeam (Salix aria)
WhiWil - White Willow (Salix alba)
WilChe - Wild Cherry (Prunus avium)



Linfield House
2 Bernard Lane
Green Hammerton
York YO26 8BP

Greengage arboriculture & ecology

T: 01423 331924
E: info@greengage-arbeco.co.uk

Client:
Barnsley Partnership for Learning (Laing O'Rourke)

Project:
Barnsley Building Schools for the Future Phase 3

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Drawing:
Tree Constraints Plan
Holgate and Kingstone - Sheet 2 of 5

Scale:	Date:	Drawn:	Checked:
1:500 @A1	02/07/10	GM	CL
Project No.:	Drawing No.:	Revision:	
011	07-2	-	

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HEALTH AND SAFETY INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING

CONSTRUCTION.

MAINTENANCE/CLEANING/OPERATION.

DECOMMISSIONING/DEMOLITION.

Notes

1. THIS DRAWING HAS BEEN BASED ON THE FOLLOWING DRAWINGS:
   - TOPOGRAPHICAL SURVEY DRAWING NO. 9861-Topo 3D (10-03-10).dgn1, RECEIVED 12.03.2010.
   - LANDSCAPE SITE PLAN BY PLINCKE, DRAWING NO. BP4L_KIN_PLI_94_SW_009, RECEIVED 30.04.2010.
   - INDICATIVE SPOT LEVELS DRAWING, RECEIVED 17.05.2010.

2. DRAINAGE LINE AND LEVEL SURVEY TO HOLGATE SCHOOL NOT RECEIVED. LOR TO PROVIDE SURVEY INFORMATION.

KEY:

- YORKSHIRE WATER SURFACE WATER SEWER
- YORKSHIRE WATER FOUL WATER SEWER
- PROPOSED SURFACE WATER DRAINAGE
- PROPOSED SURFACE WATER DRAINAGE TO PASS THROUGH SEPARATOR

N

PROPOSED SOAKAWAY MANHOLE FURTHER TESTING REQUIRED TO CONFIRM SIZE AND LOCATION

DRAINAGE TO PITCHES TO SPECIALIST DESIGN & DETAILS. ALLOW FOR CARRIER DRAINAGE SYSTEM & SUMP OUTFALL. REQUIREMENTS T.B.C. BY LA & SPECIALIST

IN

PROPOSED SW MH

ATTENUATION TANK CIRCA 300m³

HYDROBRAKE FLOW CONTROL

OUT

MAINTAIN EXISTING PITCHES. MAKE AN ALLOWANCE FOR JETTING/CLEANING EXISTING PITCH DRAINAGE

ALLOW FOR GULLIES AND/OR CHANNEL DRAINS IN AREAS OF HARDSTANDING. GULLIES TO BE TRAPPED. CHANNEL DRAINS TO HAVE SUMPED OUTFALLS. LOAD CLASS DEPENDANT UPON LOCATION (ASSUME D400)

DIVERT EXISTING PITCH DRAINAGE

DRAINAGE TO PITCHES TO SPECIALIST DESIGN & DETAILS. ALLOW FOR CARRIER DRAINAGE SYSTEM & SUMP OUTFALL. REQUIREMENTS T.B.C. BY LA & SPECIALIST

DRAINAGE TO PITCHES TO SPECIALIST DESIGN & DETAILS. ALLOW FOR CARRIER DRAINAGE SYSTEM & SUMP OUTFALL. REQUIREMENTS T.B.C. BY LA & SPECIALIST

150ØVC

150ØVC

150ØVC

150ØVC

PROPOSED SOAKAWAY MANHOLE FURTHER TESTING REQUIRED TO CONFIRM SIZE AND LOCATION

Rev	Description	Date	Drn	Chkd
P02	Issued For Planning	02.07.10	MB	VC
P01	For Information	01.06.10	MB	VC

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PLANNING

Status of drawing

Barnsley Partnership For Learning

LAING O'ROURKE

2 Brewery Place
Brewery Wharf
Leeds LS10 1NE
UK
Tel: +44 (0)113 204 2000
Fax: +44 (0)870 787 4144
Email: 02041@burohappold.com
Web: www.burohappold.com

Buro Happold
Consulting Engineers

Architect: ATKINS

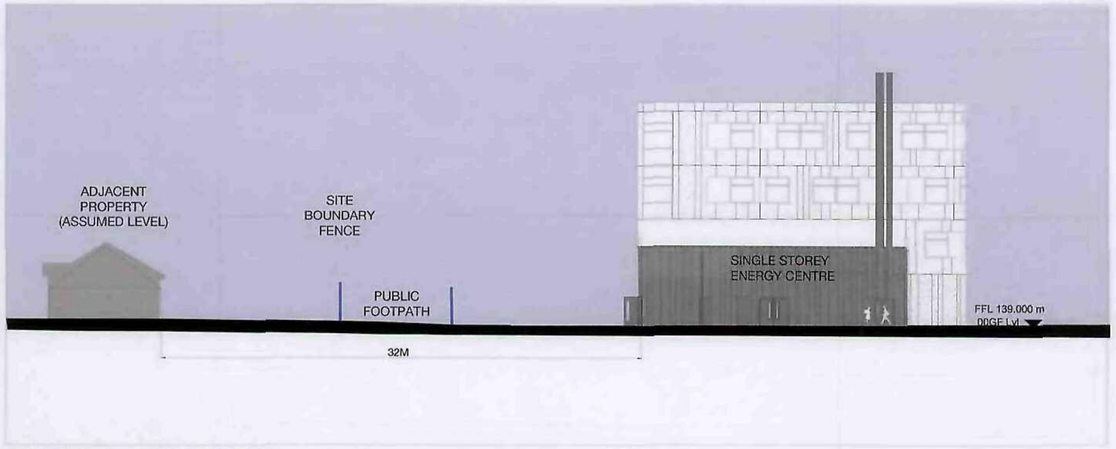
Project: **Barnsley BSF - Holgate-Kingstone**

Drg Title: Civil Infrastructure
External Drainage Plan

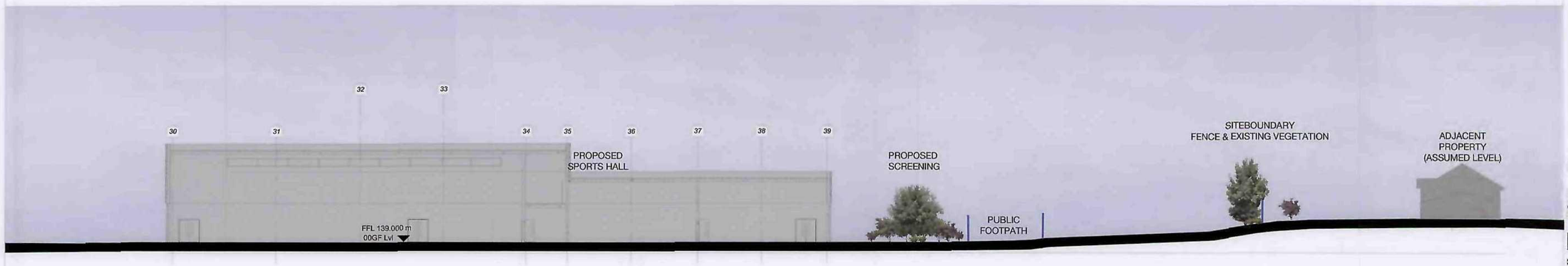
Scales@A0	1:500	Job No.	026077
Drawn By	MB		
Checked By	VC	Date	May '10
Drawing No.	BP4L_KIN_BUR_DR_51_EX_LL_03		P02



KEY PLAN - SECTION LINE LOCATION
1:1000 @ A1



SECTION A - A1 SCALE 1:200
1 ARNCLIFFE DRIVE - PUBLIC FOOTPATH - ENERGY CENTRE



SECTION B - B1 SCALE 1:200
SPORTS HALL - SCREENING - PUBLIC FOOTPATH - 40 BRANKSOME AVENUE

GENERAL NOTES:
1. DO NOT SCALE FROM THIS DRAWING. DIMENSIONS GOVERN
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LEAMINGTON t: 01926 886 477f; 01926 885 488 e: mail@plincke.co.uk
LONDON t: 020 7739 3337; 020 7739 3330 e: london@plincke.co.uk
MANCHESTER t: 0161 237 0282; 0161 237 0283 e: north@plincke.co.uk
WINCHESTER t: 01962 842 824; 01962 828 488 e: south@plincke.co.uk

PROJECT
BARNSLEY BSF

TITLE
KINGSTON & HOLGATE ALC
SITE SECTIONS 2 of 2

CLIENT
LEA
SCALE
Various @ A1
STATUS
PLANNING
DWG NO
BPHL_KIN_PLI_91_SW_00_08
DATE
16.07.10
DRN
AV
CHK
SR
APP
REV
-
JOB NO
N10_09_03
FILE