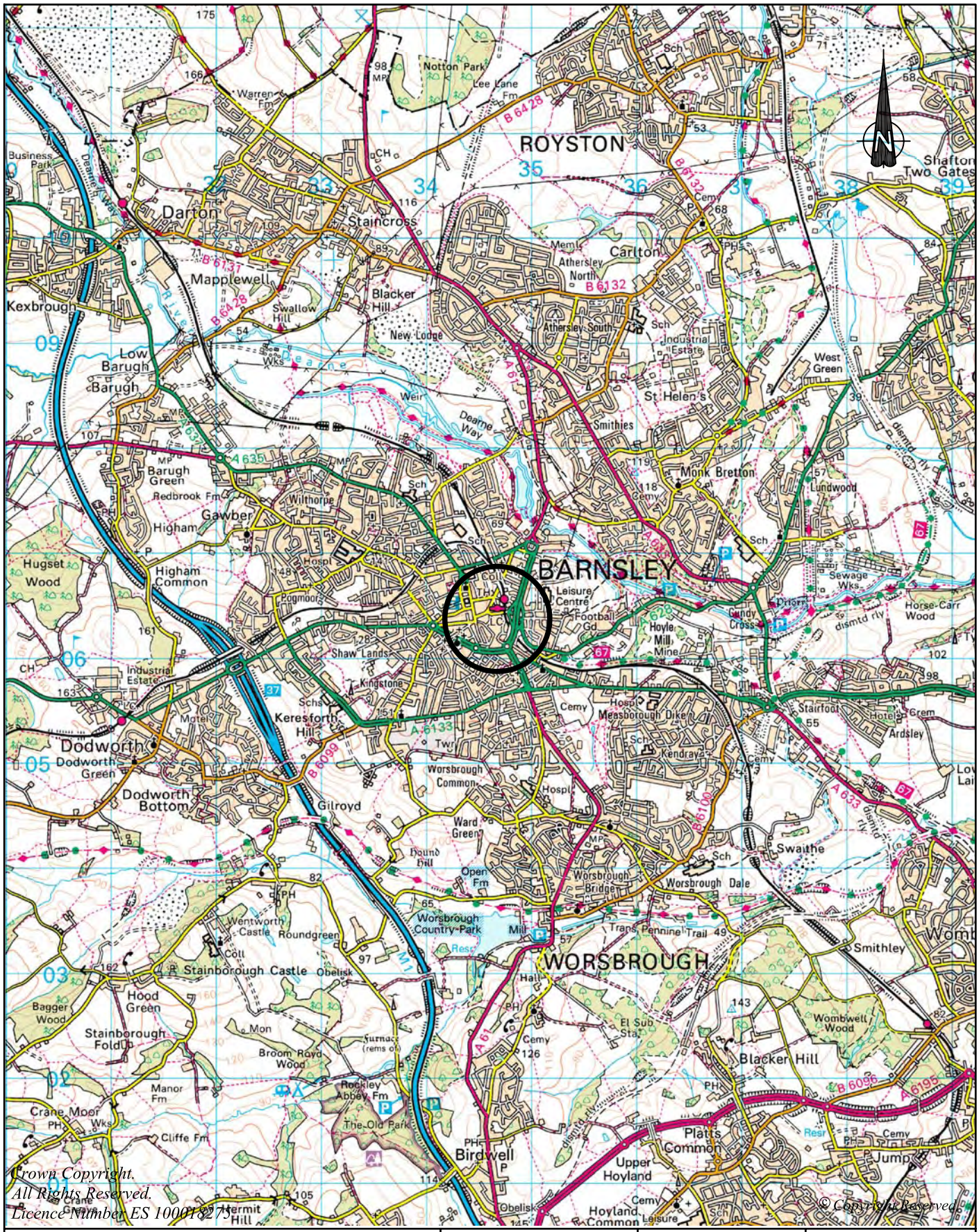
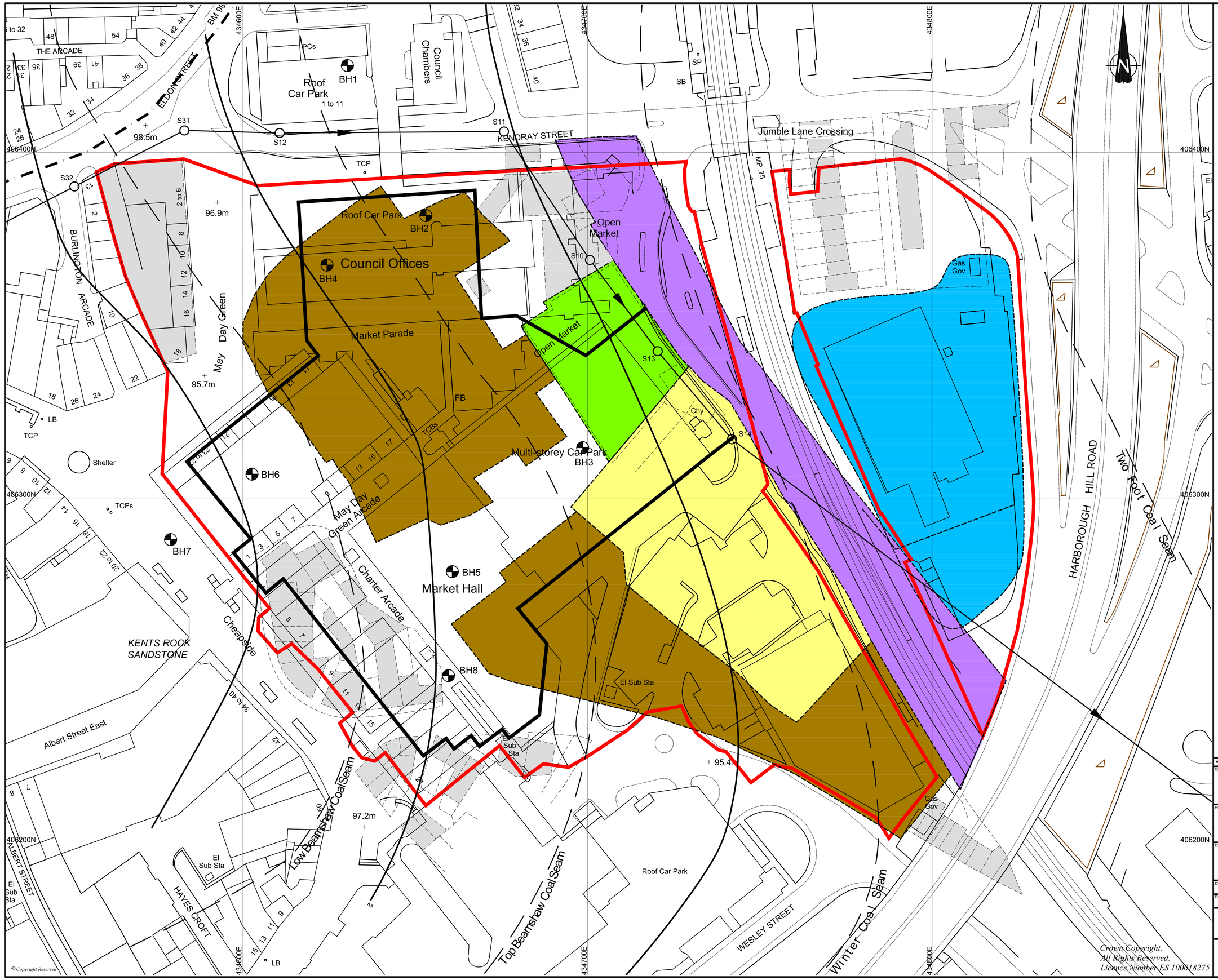
DRAWINGS



CLIENT	DRG No	SCALE	DATE
1249 REGENERATION PARTNERSHIP LLP	SH03582/01	1:50,000	JANUARY 2006
PROJECT	**DRAWN BY**	**CHECKED BY**	**APPROVED BY**
BARNSLEY MARKETS AND ADJACENT CEAG SITES	DP	CDC	CDC
DRAWING TITLE			
SITE LOCATION PLAN			

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REFERENCE

- SITE BOUNDARY
- CONSERVATION AREA BOUNDARY
- CURRENT MARKET BASEMENT FOOTPRINT
- APPROXIMATE LOCATIONS OF 1966/1967 SITE INVESTIGATION TRIAL PITS AND BOREHOLES TAKEN FROM MOTT MACDONALD REPORT ON FOUNDATIONS & BASEMENTS (REF.213289/01/A/08 APRIL 2004) — BH1
- ALIGNMENT OF SOUGH DYKE AS SHOWN IN EA/JBA CULVERT INSPECTION REPORT 2005
- HISTORICAL USES: (BUILDING FOOTPRINT REMOVED FOR CLARITY)
  - FOUNDRIES
  - ELECTRICAL WORKS
  - GAS WORKS
  - LAMP WORKS & MALTHOUSES
  - RAILWAYS
  - OTHER UNPROVEN USES TO INCLUDE RESIDENTIAL, RETAIL & CATTLE MARKET
- GEOLOGICAL DATA:
  - CONJECTURED COAL OUTCROP
  - GEOLOGICAL BOUNDARY
  - GEOLOGICAL UNIT — *KENTS ROCK SANDSTONE*

NOTES:

1. BASEMENT FOOTPRINT BASED ON DRAWING ENTITLED BARNSLEY MARKET FOUNDATION DETAILS (DRG No 213289/001) IN MOTT MACDONALD REPORT ON FOUNDATIONS & BASEMENTS (REF. 213289/01/A/08 APRIL 2004)
2. HISTORICAL DATA BASED ON HISTORICAL OS MAPS DATED 1906 & 1977.
3. GEOLOGICAL DATA BASED UPON DRAWING M4364/1A FROM SYMAS MINERAL REPORT DATED OCTOBER 2002

REVISION	DETAILS	DATE	DRAWN	CHK'D	APP'D

CLIENT

1249 REGENERATION PARTNERSHIP

PROJECT

BARNSLEY MARKETS AND ADJACENT CEAG SITES

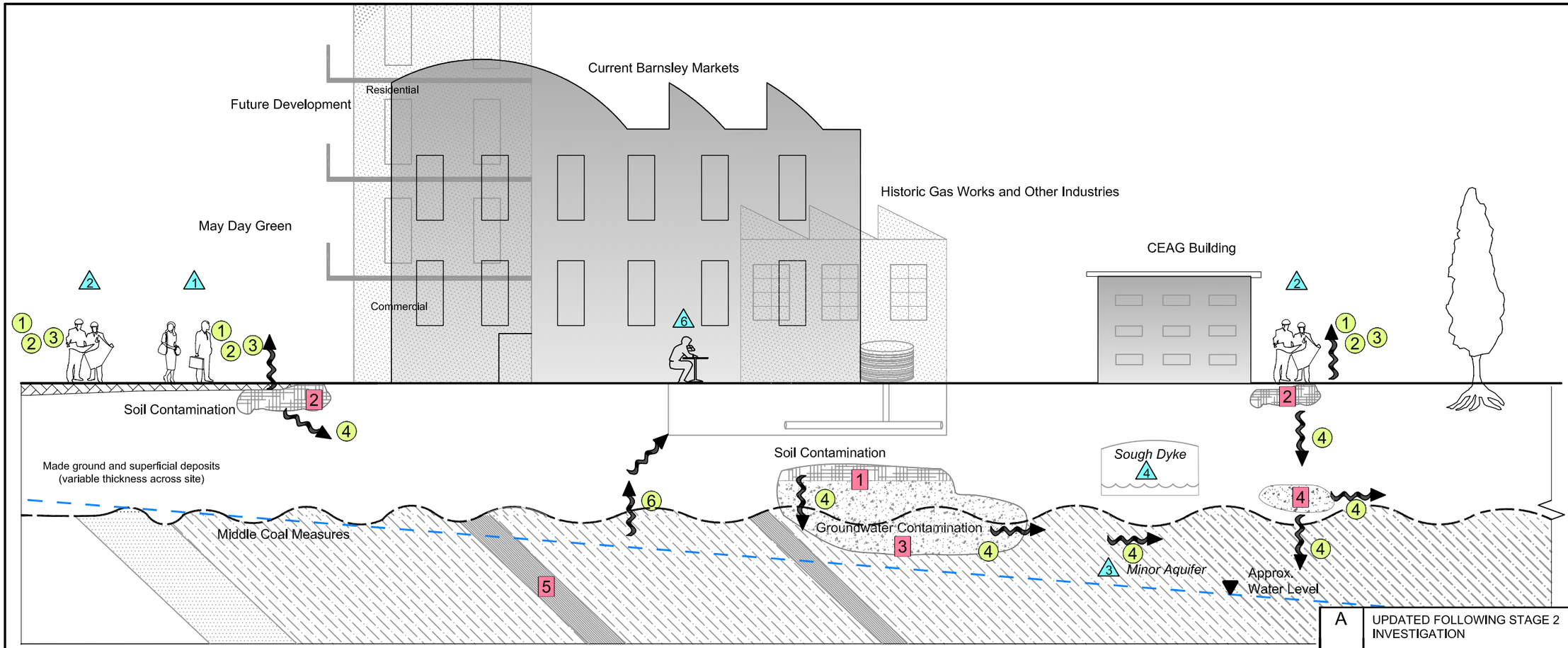
DRAWING TITLE

FIGURE 7.1
HISTORICAL LAND USES AND GEOLOGICAL COAL CROP INFORMATION

ORG No	SCALE	DATE
SH03582/07	1:500 @ A1	JUNE 2006
DRAWN BY: DP	CHECKED BY: CDC	APPROVED BY: CDC

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Source
1. Contamination hotspot beaneath Markets basement (TPH, SVOCS, PAHS, VOCS, CYANIDE)
2. Minor hotspot in shallow made ground (PAH)
3. Groundwater contamination; (TPH, VOCS, PAHS, SVOC, CYANIDE, ZINC, SELENIUM)
4. Groundwater contamination; (TPH, PAHS, SELENIUM)
5. Coal seams and local geology

Pathway
1. Inhalation of vapours and/or dust
2. Dermal contact with soil or dust
3. Ingestion of soil, dust and/or plant matter
4. Groundwater migration
5. Direct contact
6. Gas migration

Receptor
1. Future occupiers
2. Construction workers
3. Groundwater (minor aquifer)
4. Surface water body
5. Subsurface building material and services
6. Current occupiers

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REVISION	DETAILS	DATE	DRAWN	CHK'D	APP'D
A	UPDATED FOLLOWING STAGE 2 INVESTIGATION	6.05.08	DP	PH	CDC

CLIENT

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PROJECT

BARNSLEY MARKETS AND ADJACENT CEAG SITES

DRAWING TITLE

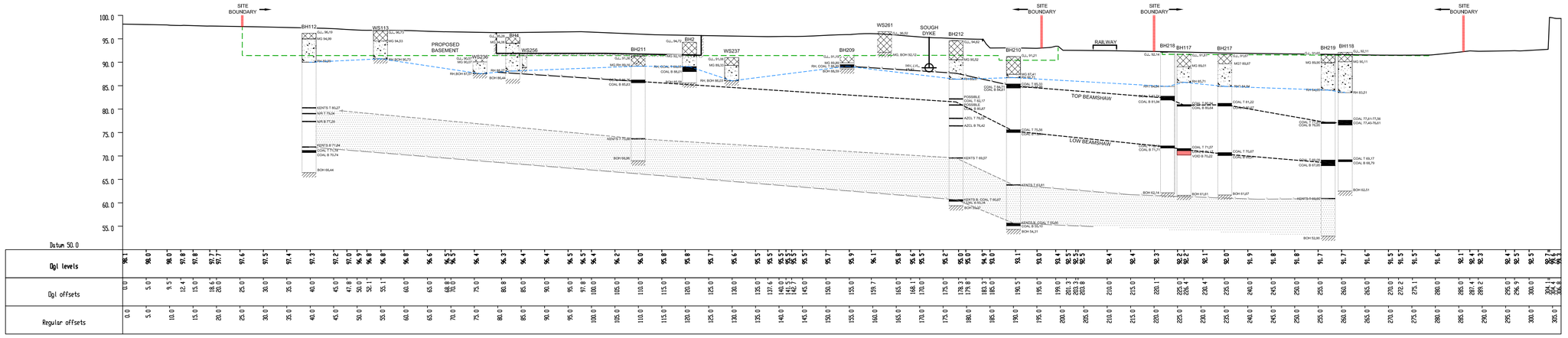
SCHEMATIC CONCEPTUAL SITE MODEL

DRG No	SCALE	DATE
SH03582/17A	N.T.S.	NOVEMBER 2007

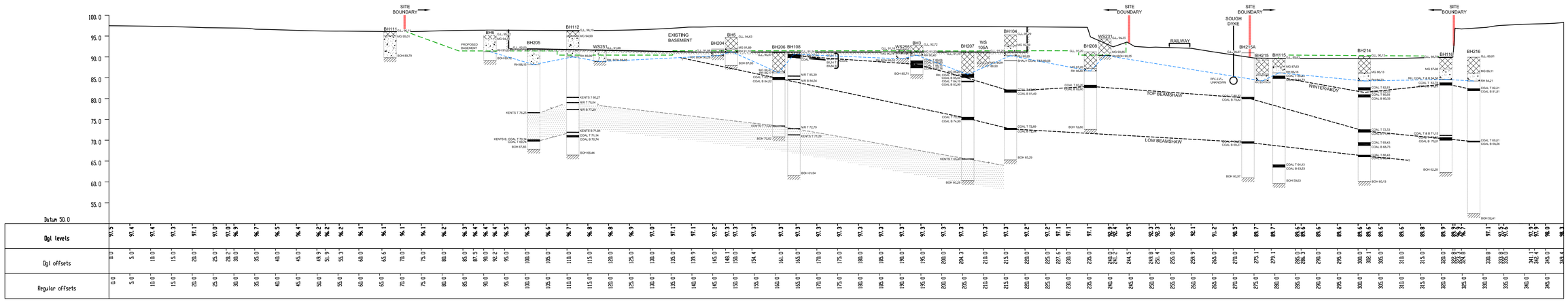
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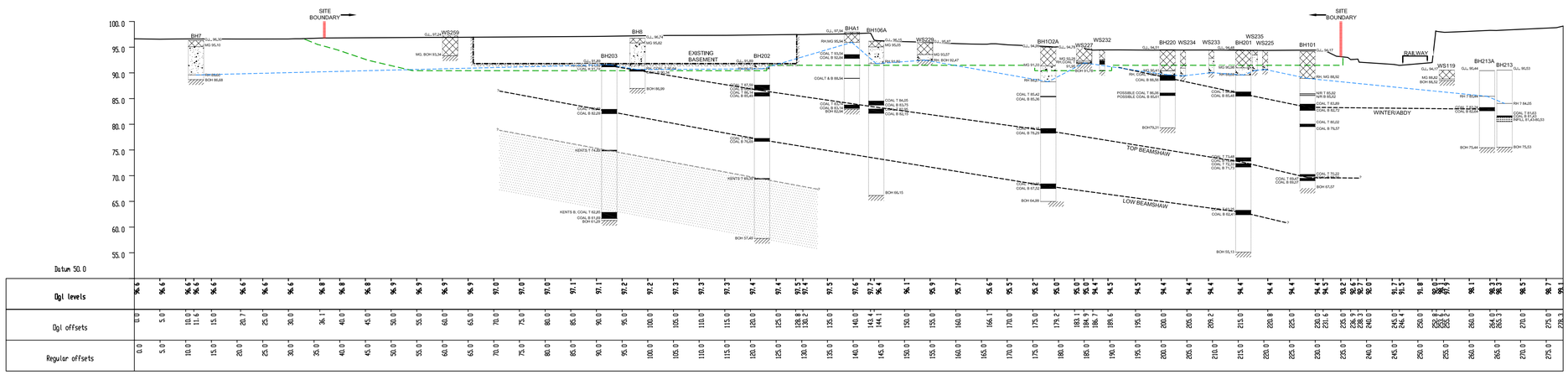
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Section : A-A' Scale H 1:500 V 1:500



Section : B-B' Scale H 1:500 V 1:500



Section : C-C' Scale H 1:500 V 1:500

NOTE

1. FOR CROSS-SECTION LOCATIONS SEE DWG SH03582/23-A
2. SOUGH DYKE CULVERT INVERT LEVELS HAVE BEEN ESTIMATED FROM THE JBA, CRITICAL ORDINARY WATERCOURSES - CULVERT INSPECTORS REPORT (NOV 1995).
3. BUILDINGS NOT SHOWN FOR CLARITY.
4. SEVERAL BOREHOLE POSITIONS ON SECTIONS ARE PROJECTED AND COULD GIVE RISE TO APPARENT IRREGULARITIES.
5. STRONG LIKELIHOOD OF BURIED STRUCTURES e.g. POSSIBLE OLD TAR PIT BENEATH WS105A (POSITIONS AND EXTENTS UNKNOWN).
6. ALL LEVELS RELATE TO METRES ABOVE ORDNANCE DATUM.
7. FORMATION LEVEL BASED ON WHITE YOUNG GREEN DRAWING - FORMATION LEVELS SITE WIDE GENERAL CONSTRUCTION (REF: SL9(11)001 Rev 2) DATED 23.04.2008.

REFERENCE

FORMATION LEVEL

MADE GROUND (MG)

NATURAL GROUND ABOVE ROCKHEAD

ROCKHEAD (RH)

COAL MEASURES STRATA

CONTAINING:

COAL (VARIABLE QUALITY - SEE BOREHOLE LOGS FOR DETAILS)

POSSIBLE INFILL

POTENTIAL VOID

KENTS ROCK (SANDSTONE)

C = COAL

N/R = NO RECOVERY

T = TOP OF SEAM

B = BOTTOM OF SEAM

BOH = BASE OF BOREHOLE

AZCL = APPROXIMATE ZONE OF CORE LOSS

REVISION	DETAILS	DATE	DRAWN	CHK'D	APP'D
D	MINOR AMENDMENTS TO SECTIONS AND REFERENCE	05.6.08	SJA	PH	CDC
C	MINOR AMENDMENTS TO LEVELS FOLLOWING FINALISING BOREHOLE LOGS.	16.5.08	SJA	PH	CDC
B	WHITE YOUNG GREEN FORMATION LEVELS ADDED	24.4.08	SJA	PH	CDC
A	2008 WA STAGE 2 BOREHOLES ADDED CROSS-SECTIONS UPDATED	22.4.08	SJA	PH	CDC

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BARNSLEY MARKETS AND ADJACENT CEAG SITES

DRAWING TITLE

CROSS-SECTIONS A-A' TO C-C'

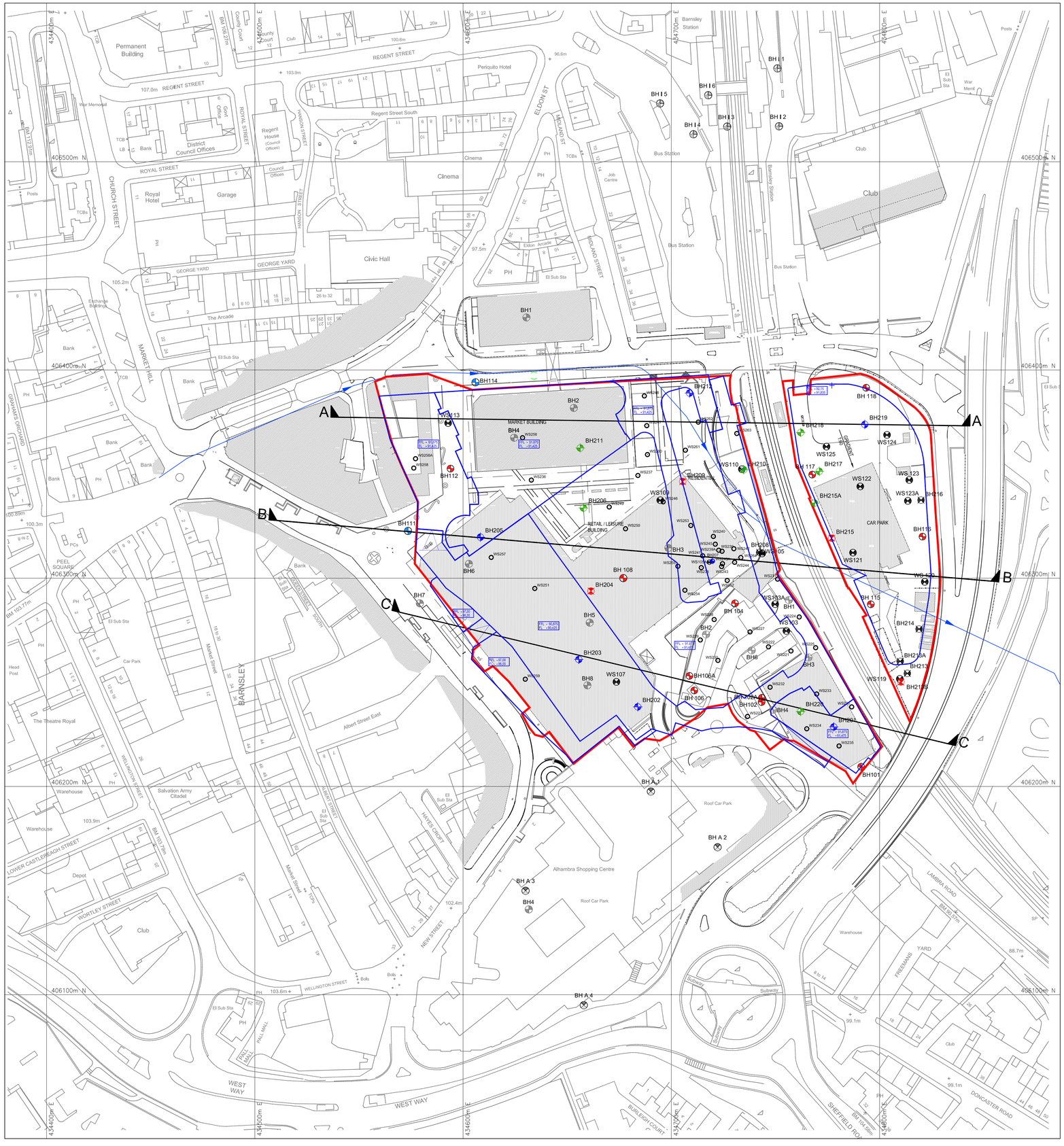
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SH03582/22D	1:500 Hz & Vt	NOV 2007

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REFERENCE

- SITE BOUNDARY
- WHITE YOUNG GREEN FORMATION LEVEL ZONES
- FFL: FINISHED FLOOR LEVEL (FFL = 90.875) FL: FORMATION LEVEL (FL = 85.425)
- ALIGNMENT OF SOUGH DYKE TAKEN FROM CHARTER OAKS TOPOGRAPHICAL SURVEY MARCH 2007
- WARDELL ARMSTRONG (SHALLOW) BOREHOLE LOCATIONS (2007) — BH114
- WARDELL ARMSTRONG (DEEP) BOREHOLE LOCATIONS (2007) — BH115
- WARDELL ARMSTRONG WINDOW SAMPLE LOCATIONS (2007) — WS125
- WARDELL ARMSTRONG ROTARY CORE DRILLING (WITH PRESSUREMETER TESTS) (2008) — BH212
- WARDELL ARMSTRONG ROTARY CORE DRILLING COMBINED WITH OPEN-HOLE DRILLING WHERE APPROPRIATE (2008) — BH206
- WARDELL ARMSTRONG ROTARY OPEN-HOLE DRILLING (2008) — BH208
- WARDELL ARMSTRONG CABLE PERCUSSION (2008) — BH204
- WARDELL ARMSTRONG WINDOW SAMPLE LOCATIONS (2008) — WS237
- APPROXIMATE LOCATION OF BOREHOLES TAKEN FROM SYMAS REPORT (REF FW/SML/M4364/2 2002) — BH A 4
- APPROXIMATE LOCATION OF BOREHOLES TAKEN FROM SYMAS REPORT (REF MAL/SML/M4364/2 2003) — BH I 6
- APPROXIMATE LOCATION OF BOREHOLES TAKEN FROM MOTT MACDONALD REPORT (REF 213289/01/A/08 APRIL 2004) — BH4
- APPROXIMATE LOCATION OF BOREHOLES TAKEN FROM JORDAN PRITCHARD GORMAN AND OWEN WILLIAMS GEOTECHNICAL REPORT (DECEMBER 1994 & APRIL 1995) — BH2
- CROSS-SECTION LOCATION (SEE DWG. No. SH03582/22-B FOR DETAILS) — A A'

NOTES:
1. SURFACE SURVEY BASED ON DWG. No. 030701-01 SHEETS 1 TO 4 : TOPOGRAPHICAL SURVEY, GROUND LEVEL BARNSLEY MARKETS BY CHARTER OAKS LTD ON BEHALF OF CZWG ARCHITECTS DATED MARCH 2007.
2. GEOLOGICAL DATA BASED UPON DRAWING M4364/1A FROM SYMAS MINERAL REPORT DATED OCTOBER 2002
3. CROSS-SECTIONS ARE SHOWN ON DWG. No. SH03582/22-B.
4. WARDELL ARMSTRONG 2007 BOREHOLE POSITIONS SURVEYED BY WARDELL ARMSTRONG (SEPTEMBER 2007)
5. WARDELL ARMSTRONG 2008 BOREHOLE POSITIONS SURVEYED BY WARDELL ARMSTRONG (APRIL 2008)
6. FORMATION LEVEL BASED ON WHITE YOUNG GREEN DRAWING - FORMATION LEVELS SITE WIDE GENERAL CONSTRUCTION (REF: SL9(11)001 Rev 2) DATED 23.04.2008.
7. 2008 TRIAL PITS OMITTED FOR CLARITY.

REVISION	DETAILS	DATE	DRAWN	CHK'D	APP'D
C	CONJECTURED COAL OUTCROPS AND GEOLOGICAL BOUNDARIES REMOVED.	16.05.08	SJA	PH	CDC
B	WHITE YOUNG GREEN FORMATION INFORMATION ADDED	24.04.8	SJA	PH	CC
A	2008 WA STAGE 2 BOREHOLES ADDED	22.4.8	SJA	PH	CC

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PROJECT

BARNSLEY MARKETS AND ADJACENT CEAG SITES

DRAWING TITLE

BOREHOLE & CROSS-SECTION LOCATION PLAN

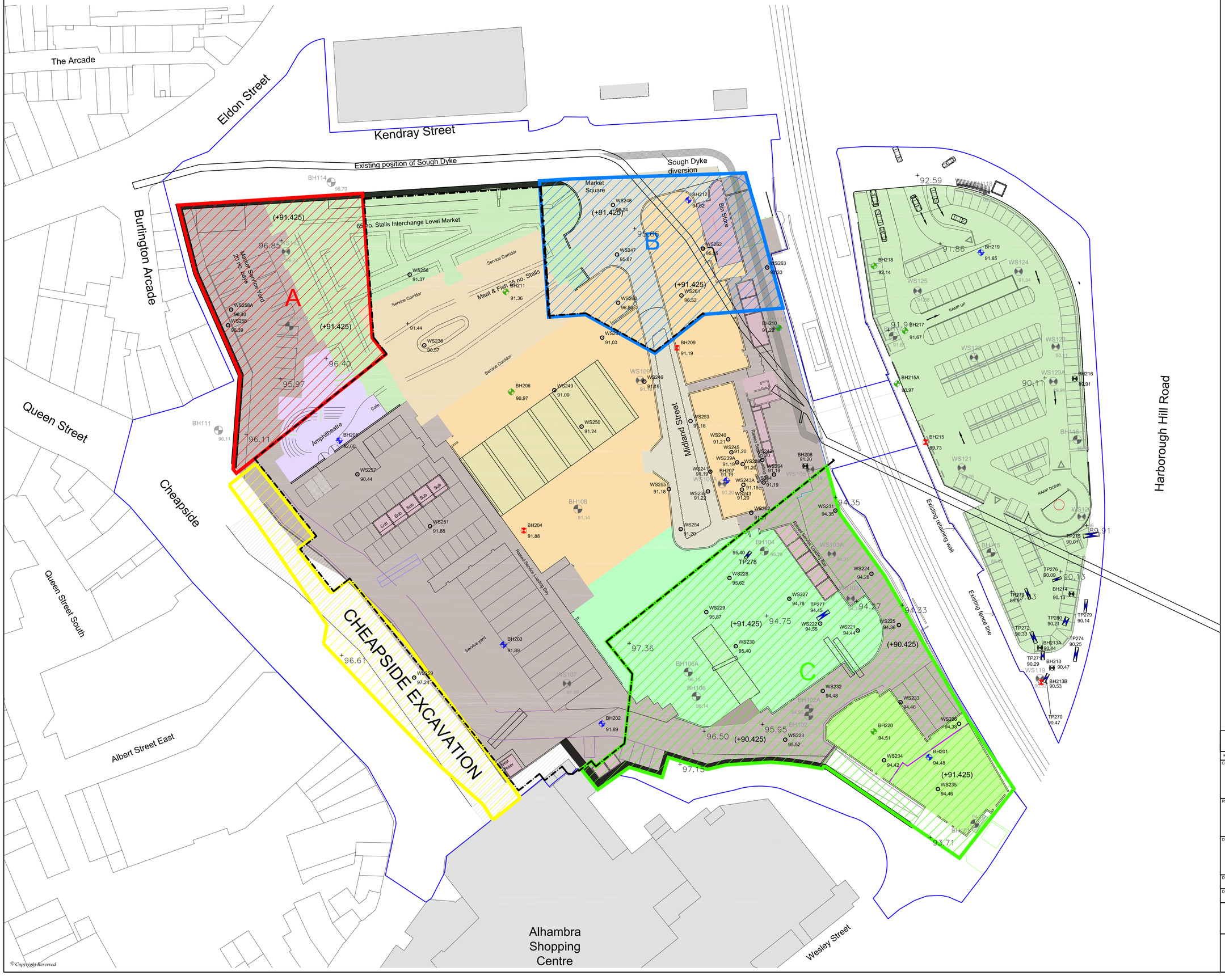
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SH03582/23C	1:1000 @ A1	NOVEMBER 2007
DRAWN BY: SJA	CHECKED BY: PH	APPROVED BY: CC

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REFERENCE

- DEVELOPMENT BOUNDARY
- EXISTING LEVEL +96.40
- PROPOSED EXCAVATION LEVEL (+91.425)
- EXTENT OF EXISTING BASEMENT/ SERVICES DUCT
- ALIGNMENT OF SOUGH DYKE
- PROPOSED SOUGH DYKE DIVERSION

PROPOSED BASEMENT EXCAVATION AREAS:

- AREA A
- AREA B
- AREA C
- CHEAPSIDE AREA — CHEAPSIDE EXCAVATION

PRELIMINARY STAGE 1 SITE INVESTIGATION LOCATIONS AND GROUND LEVELS (2007)

- (SHALLOW) BOREHOLE LOCATIONS — BH101
- (DEEP) BOREHOLE LOCATIONS — BH102
- WINDOW SAMPLING LOCATIONS — WS103

STAGE 2 SITE INVESTIGATION LOCATIONS AND GROUND LEVELS (2008)

- ROTARY CORE DRILLING (WITH PRESSUREMETER TESTS) COMMENCED BY CABLE PERCUSSION WHERE APPROPRIATE — BH212
- ROTARY CORE DRILLING COMMENCED BY CABLE PERCUSSION AND COMBINED WITH OPEN-HOLE DRILLING WHERE APPROPRIATE — BH203
- ROTARY OPEN-HOLE DRILLING COMMENCED BY CABLE PERCUSSION WHERE APPROPRIATE — BH220
- CABLE PERCUSSION — BH204
- WINDOW SAMPLING — WS237
- TRIAL PIT EXCAVATION — TP271

NOTES:

1. BACKGROUND DRAWING (INCLUDING SOUGH DYKE) BASED ON DWG. No. AL(0)008, GENERAL ARRANGEMENT (PLAN) INTERCHANGE LEVEL BY CZWG AND HOLDER MATHIAS DATED JULY 2007.
2. EXTENT OF EXISTING BASEMENT/SERVICES DUCT BASED ON DWG. No. SPL1 REV T2 BY WYG DATED OCT 2007.
3. WARDELL ARMSTRONG BOREHOLE POSITIONS SURVEYED BY WARDELL ARMSTRONG (SEPT 2007)
4. EXISTING GROUND LEVELS BASED ON DWG. No. 030701-01 SHEETS 1-4; TOPOGRAPHICAL SURVEY, GROUND LEVEL BARNSLEY MARKETS BY CHARTER OAKS LTD, DATED MARCH 2007.
5. PRELIMINARY STAGE 1 (2007) BOREHOLE LOCATIONS AND LEVELS BASED UPON SURVEY CONDUCTED BY WARDELL ARMSTRONG DATED SEPT, 2007.
6. STAGE 2 (2008) BOREHOLE LOCATIONS AND LEVELS BASED UPON SURVEY CONDUCTED BY WARDELL ARMSTRONG DATED APRIL 2008.

REVISION	DETAILS	DATE	DRAWN	CHK'D	APP'D
A	STAGE 2 SITE INVESTIGATION LOCATIONS AND CHEAPSIDE EXCAVATION ADDED	16.05.08	SJA	PH	CDC

CLIENT: 1249 REGENERATION PARTNERSHIP LLP

PROJECT: BARNSLEY MARKETS AND ADJACENT CEAG SITES

DRAWING TITLE: PROPOSED MAIN BASEMENT EXCAVATION AREAS

DRG No	SCALE	DATE
SH03582/24A	1:500 @ A1	NOV 2007

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