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Environmental Consultancy

Civil Structural Mechanical Electrical Process Rail Traffic Environmental Project Management

Project

**SOUTHALL GAS WORKS
LONDON**

Client

BG PLC PROPERTY DIVISION

Rev Description By Chk App Date

Drawing Title

SITE LOCATION PLAN

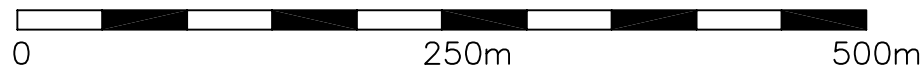
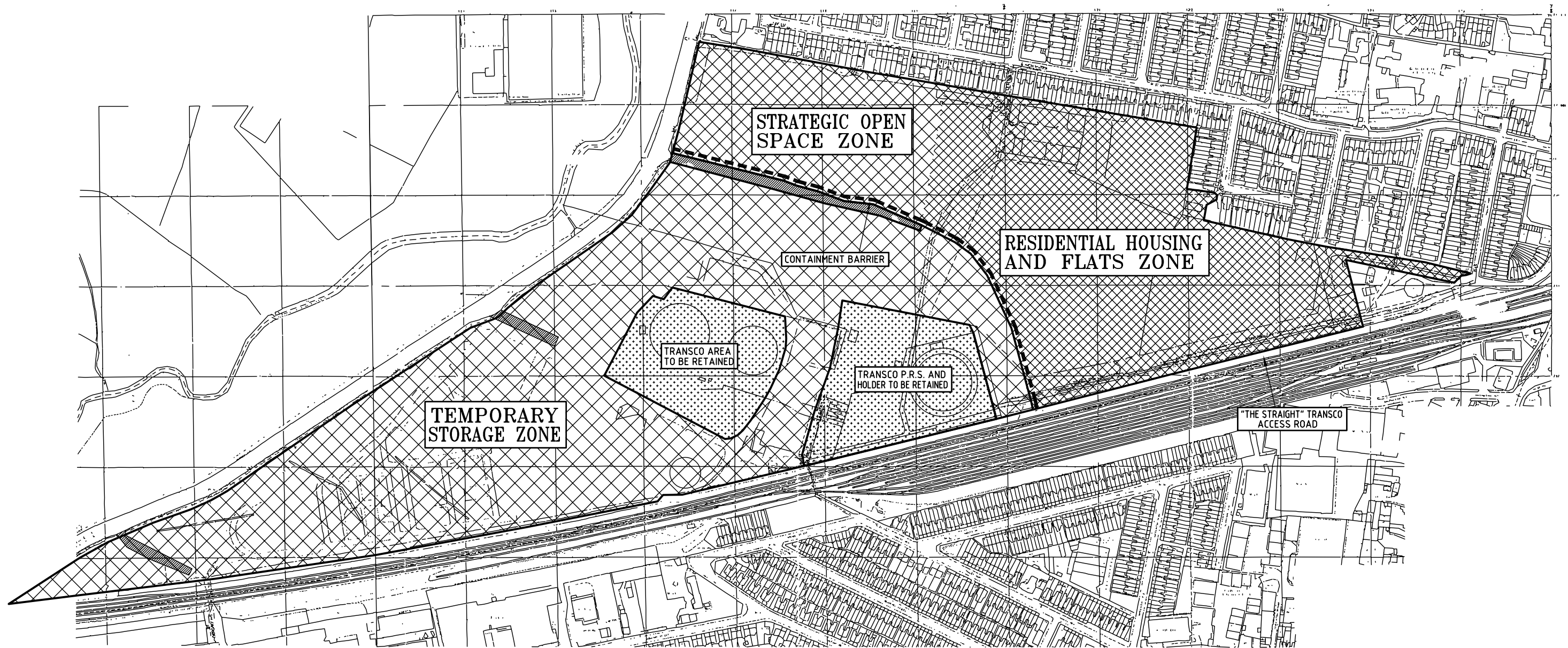
Scale of A4 N.T.S. Drawn By Date Checked By Date Approved By Date

Office Type Project No. Drawing No. Revision

30 ENV E0357 SK.01

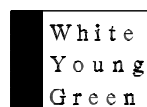
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Environmental Consultancy

Civil Structural Mechanical Electrical Process Rail Traffic Environmental Project Management

Project:

SOUTHALL GASWORKS - SOUTHALL

Client:

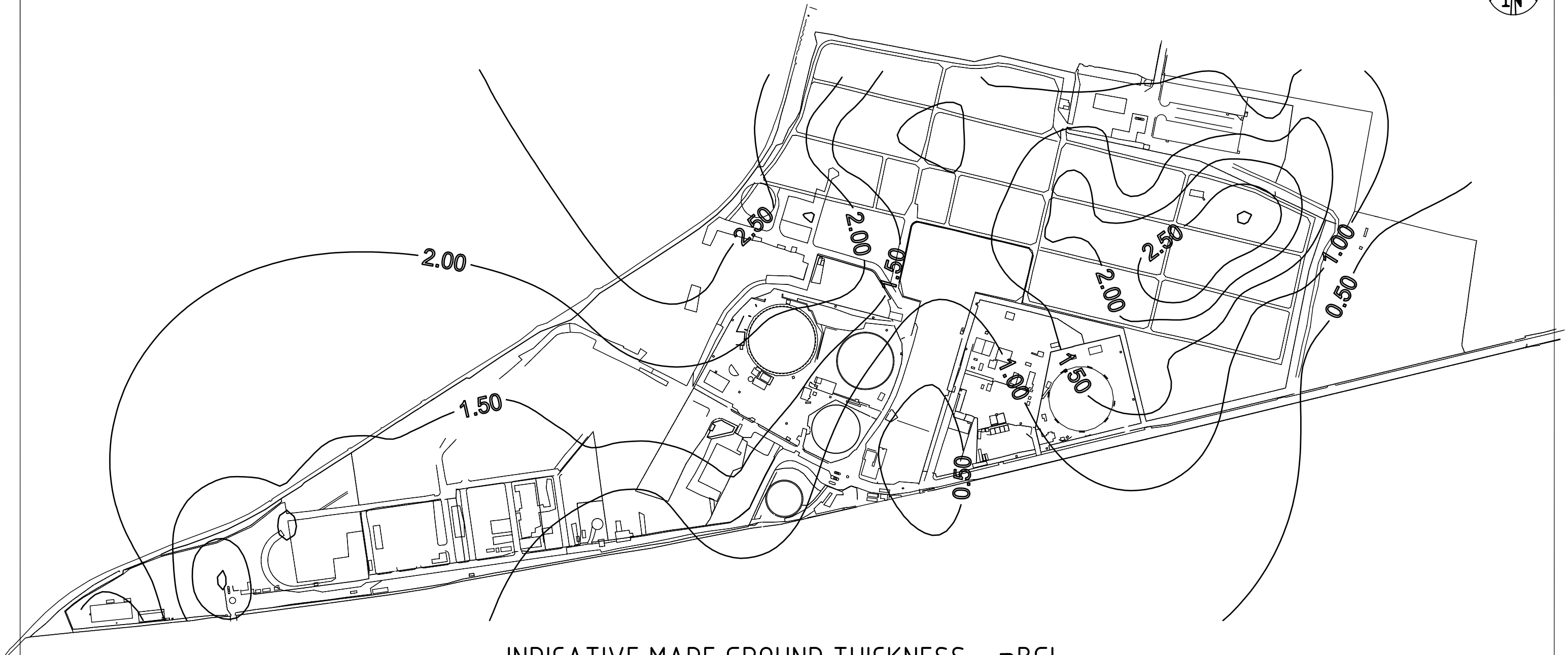
BG PROPERTY HOLDINGS

Rev	Description	By	Chk	App	Date
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Drawing Title:

PROPOSED DEVELOPMENT PLANS

Scale at A3 N. T. S.	Drawn By D. J. B.	Date OCT. 2000	Checked By J. C.	Date OCT. 2000	Approved By D. M. F.	Date OCT. 2000
Office 30	Type ENV	Project No. E0357/JC	Drawing No. SK. 02	Revision		



INDICATIVE MADE GROUND THICKNESS - mBGL



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Civil Structural Mechanical Electrical Process Rail Traffic Environmental Project Management

Project:

**SOUTHALL GASWORKS
SOUTHALL**

Client:

B G PLC PROPERTY DIVISION

Rev Description

By Chk App Date

Drawing Title:

**INDICATIVE MADE GROUND THICKNESS
(mBGL)**

Scale at A3
N. T. S.

Drawn By Date
D. J. B. NOV. 1999

Checked By Date
J. A. NOV. 1999

Approved By Date
D.M.F. NOV. 1999

Office

Type

Project No.

Drawing No.

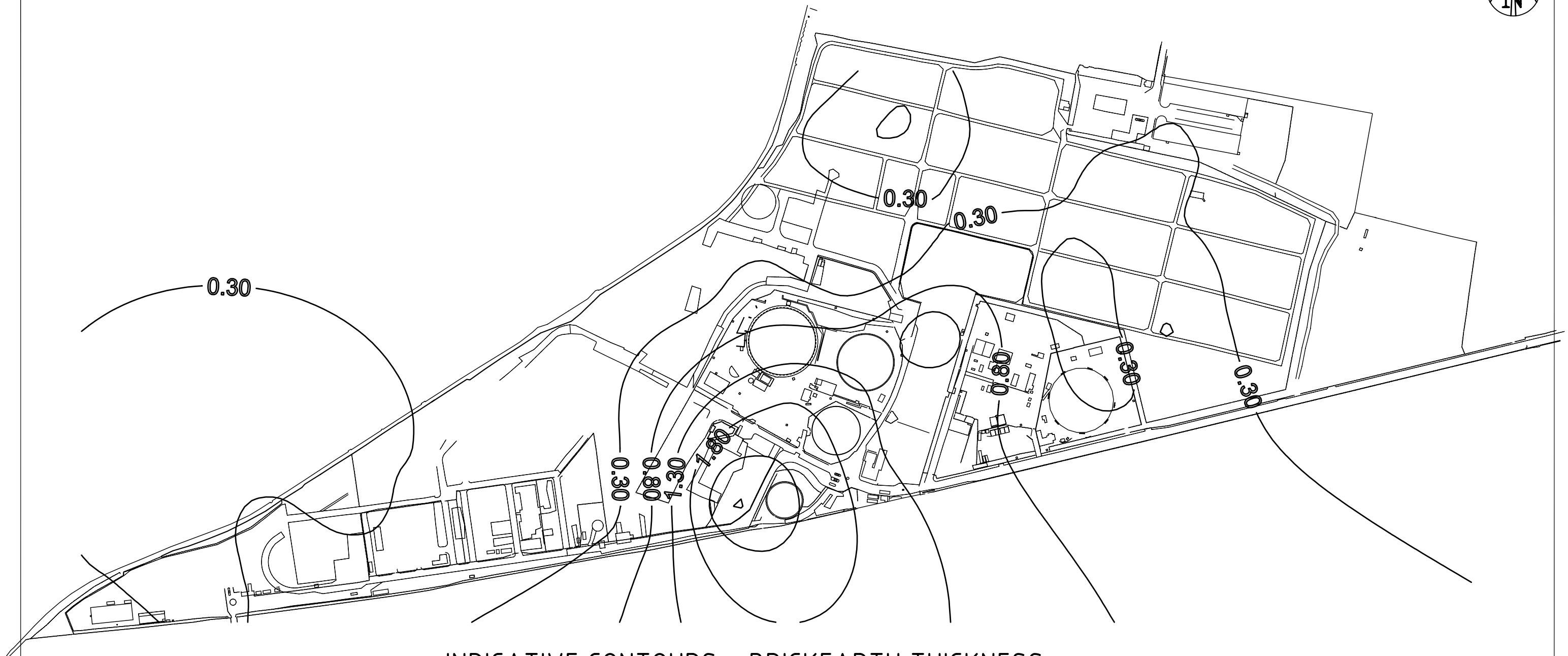
Revision

30

ENV

E0357

SK. 03



INDICATIVE CONTOURS - BRICKEARTH THICKNESS - m



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Civil Structural Mechanical Electrical Process Rail Traffic Environmental Project Management

Project:

**SOUTHALL GASWORKS
SOUTHALL**

Client:

B G PLC PROPERTY DIVISION

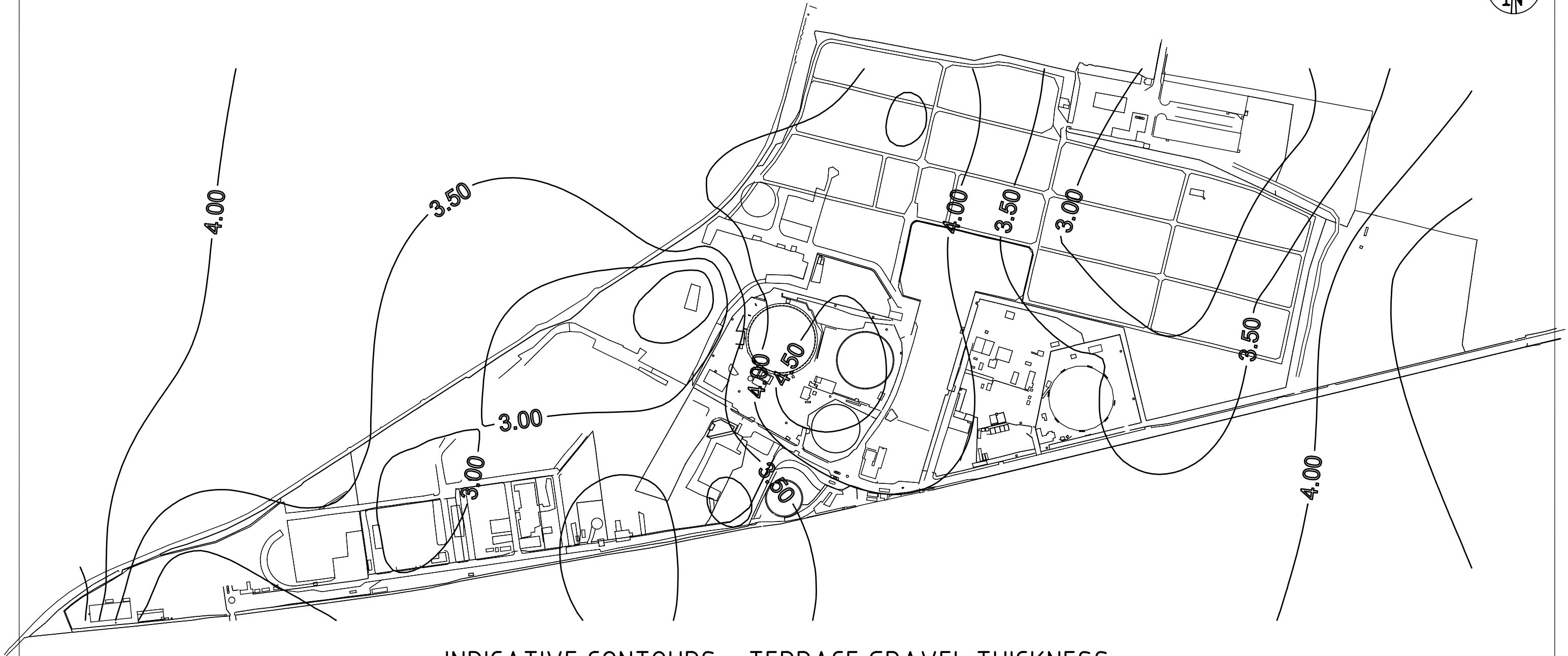
Rev Description

By Chk App Date

Drawing Title:

INDICATIVE BRICKEARTH THICKNESS (m)

Scale at A3 N. T. S.	Drawn By D. J. B.	Date NOV. 1999	Checked By J. A.	Date NOV. 1999	Approved By D.M.F.	Date NOV. 1999
Office 30	Type ENV	Project No. E0357	Drawing No. SK. 04	Revision		



INDICATIVE CONTOURS - TERRACE GRAVEL THICKNESS - m



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Civil Structural Mechanical Electrical Process Rail Traffic Environmental Project Management

Project:

**SOUTHALL GASWORKS
SOUTHALL**

Client:

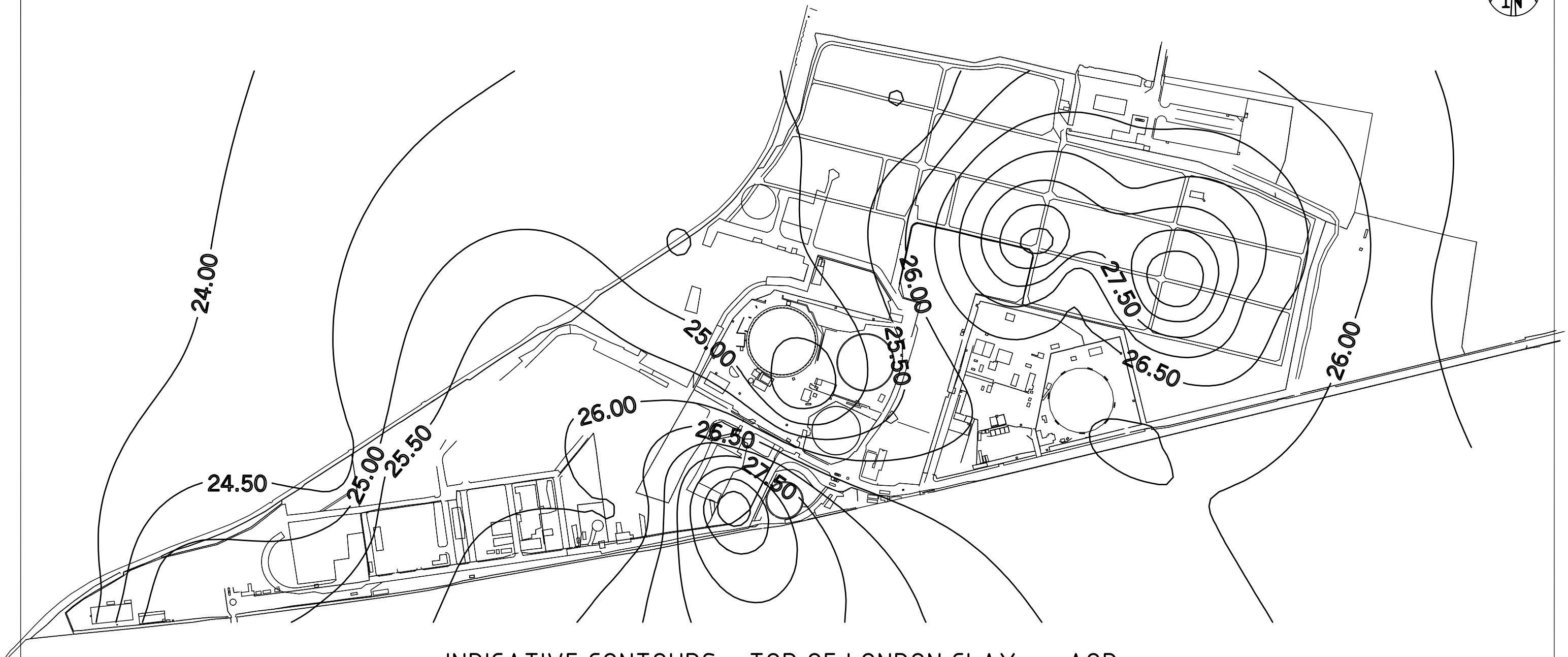
B G PLC PROPERTY DIVISION

Rev	Description	By	Chk	App	Date
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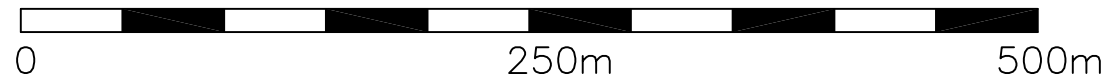
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**INDICATIVE TERRACE GRAVEL
THICKNESS (m)**

Scale at A3 N. T. S.	Drawn By D. J. B.	Date NOV. 1999	Checked By J. A.	Date NOV. 1999	Approved By D.M.F.	Date NOV. 1999
Office 30	Type ENV	Project No. E0357	Drawing No. SK. 05	Revision		



INDICATIVE CONTOURS - TOP OF LONDON CLAY - mAOD



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**SOUTHALL GASWORKS
SOUTHALL**

Client:

B G PLC PROPERTY DIVISION

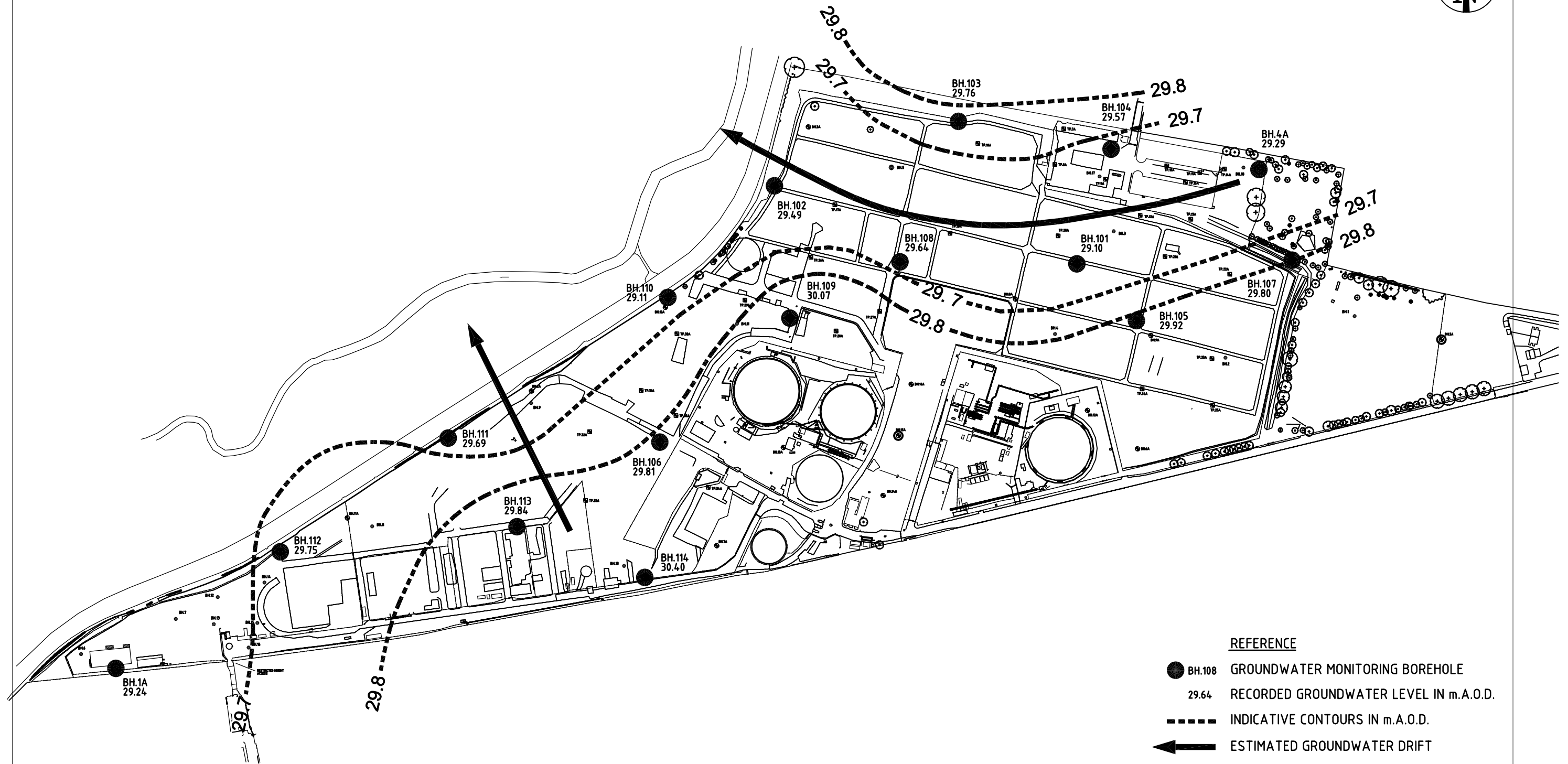
Rev Description

By Chk App Date

Drawing Title:

**INDICATIVE TOP SURFACE OF THE LONDON
CLAY (mAOD)**

Scale at A3 N. T. S.	Drawn By D. J. B.	Date NOV. 1999	Checked By J. A.	Date NOV. 1999	Approved By D.M.F.	Date NOV. 1999
Office 30	Type ENV	Project No. E0357	Drawing No. SK. 06	Revision		



REFERENCE

- BH.108 GROUNDWATER MONITORING BOREHOLE
- 29.64 RECORDED GROUNDWATER LEVEL IN m.A.O.D.
- INDICATIVE CONTOURS IN m.A.O.D.
- ← ESTIMATED GROUNDWATER DRIFT

0 100m 200m

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Project:

SOUTHALL GASWORKS - SOUTHALL

Client:

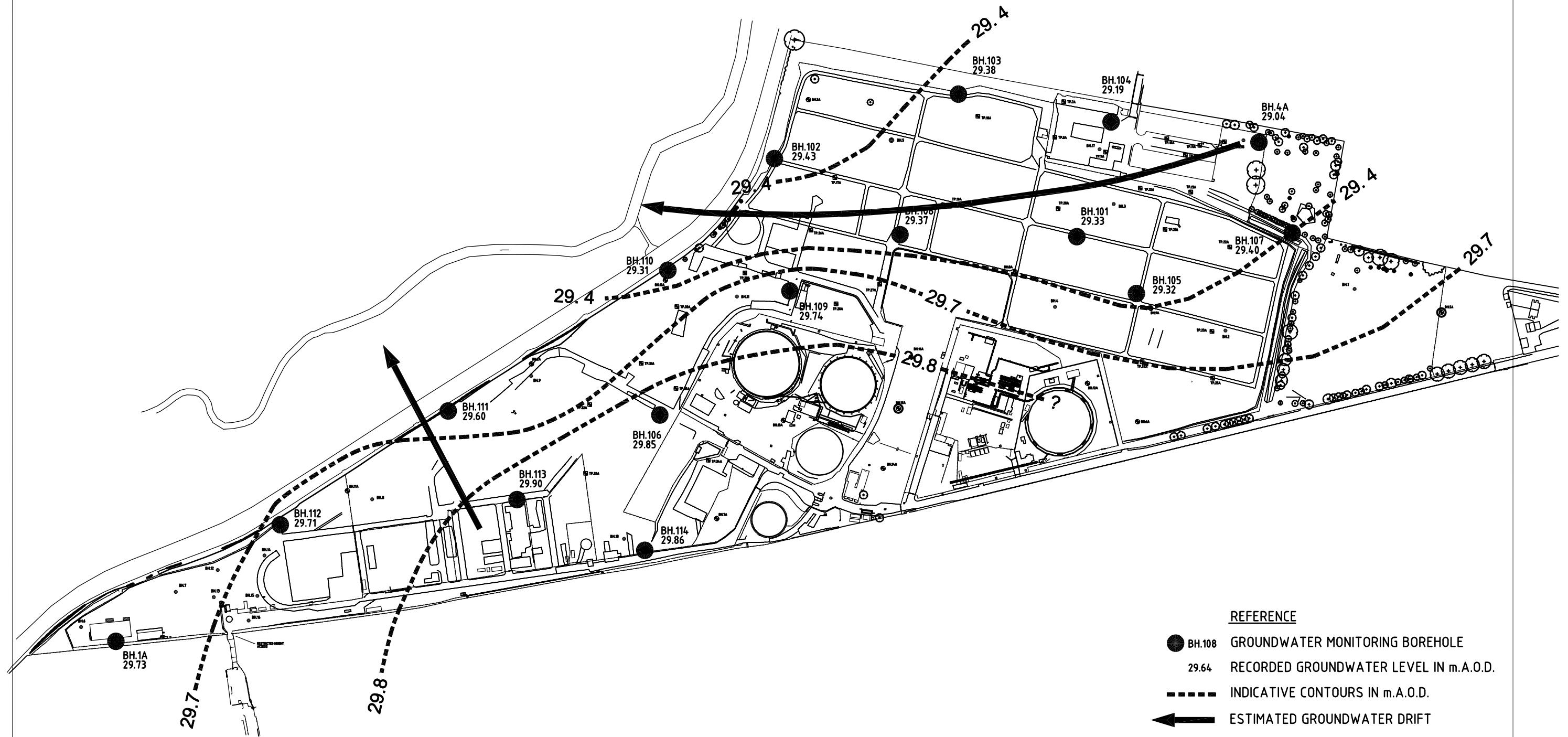
BG PROPERTY HOLDINGS

Rev	Description	By	Chk	App	Date
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Drawing Title:

**INDICATIVE GROUNDWATER CONTOURS
OCTOBER 1999 - IN METRES A.O.D.**

Scale at A3	Drawn By	Date	Checked By	Date	Approved By	Date
N. T. S.	D. J. B.	MAY 2000	J. C.	MAY 2000	D. M. F.	MAY 2000
Office	Type	Project No.	Drawing No.	Revision		
30	ENV	E0357/JC	SK. 07	A		



0 100m 200m

REFERENCE

- BH.108 GROUNDWATER MONITORING BOREHOLE
- 29.64 RECORDED GROUNDWATER LEVEL IN m.A.O.D.
- INDICATIVE CONTOURS IN m.A.O.D.
- ← ESTIMATED GROUNDWATER DRIFT

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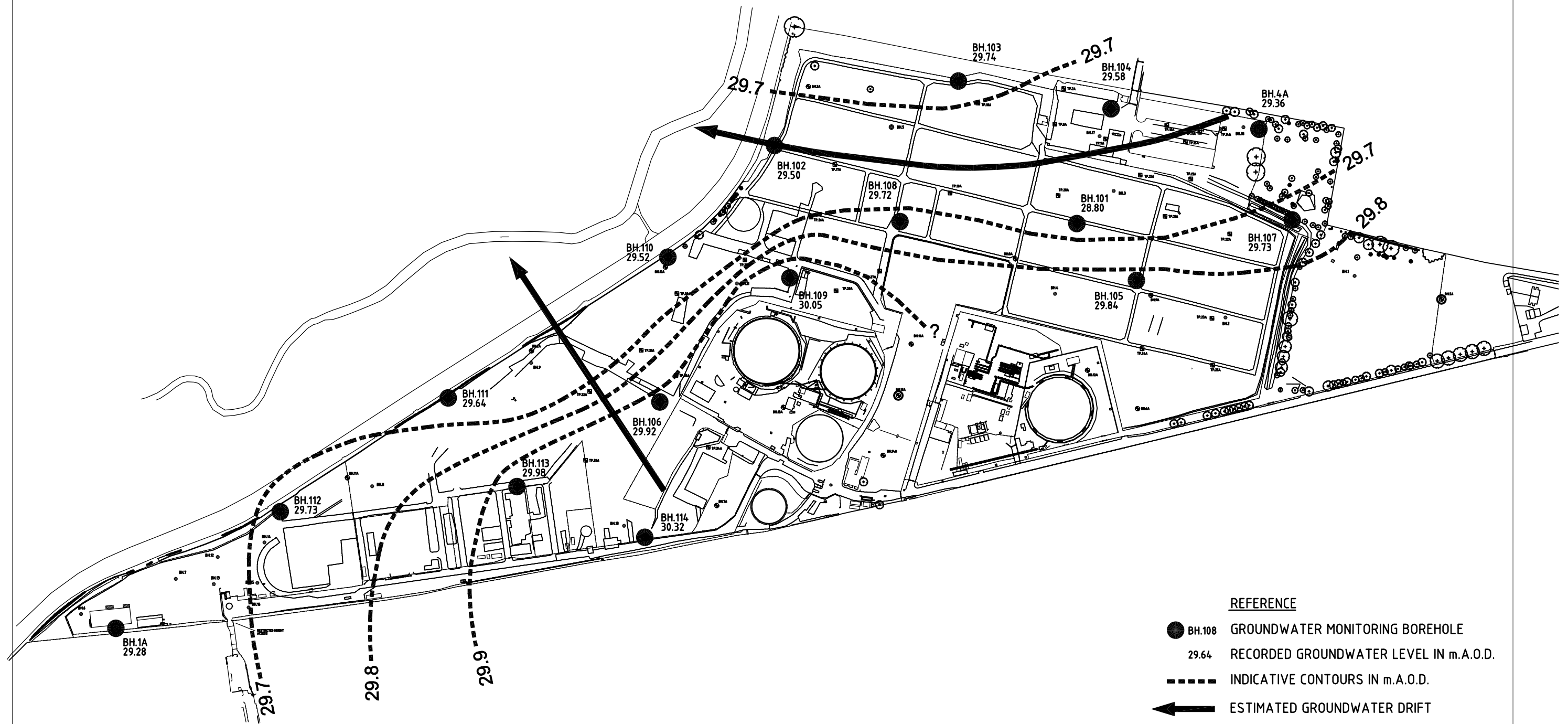
Project:
SOUTHALL GASWORKS - SOUTHALL

Client:
BG PROPERTY HOLDINGS

Rev	Description	By	Chk	App	Date
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Drawing Title:
**INDICATIVE GROUNDWATER CONTOURS
DECEMBER 1999 - IN METRES A.O.D.**

Scale at A3 N. T. S.	Drawn By D. J. B.	Date MAY 2000	Checked By J. C.	Date MAY 2000	Approved By D. M. F.	Date MAY 2000
Office 30	Type ENV	Project No. E0357/JC	Drawing No. SK. 08	Revision A		



REFERENCE

- BH.108 GROUNDWATER MONITORING BOREHOLE
- 29.64 RECORDED GROUNDWATER LEVEL IN m.A.O.D.
- INDICATIVE CONTOURS IN m.A.O.D.
- ← ESTIMATED GROUNDWATER DRIFT

0 100m 200m

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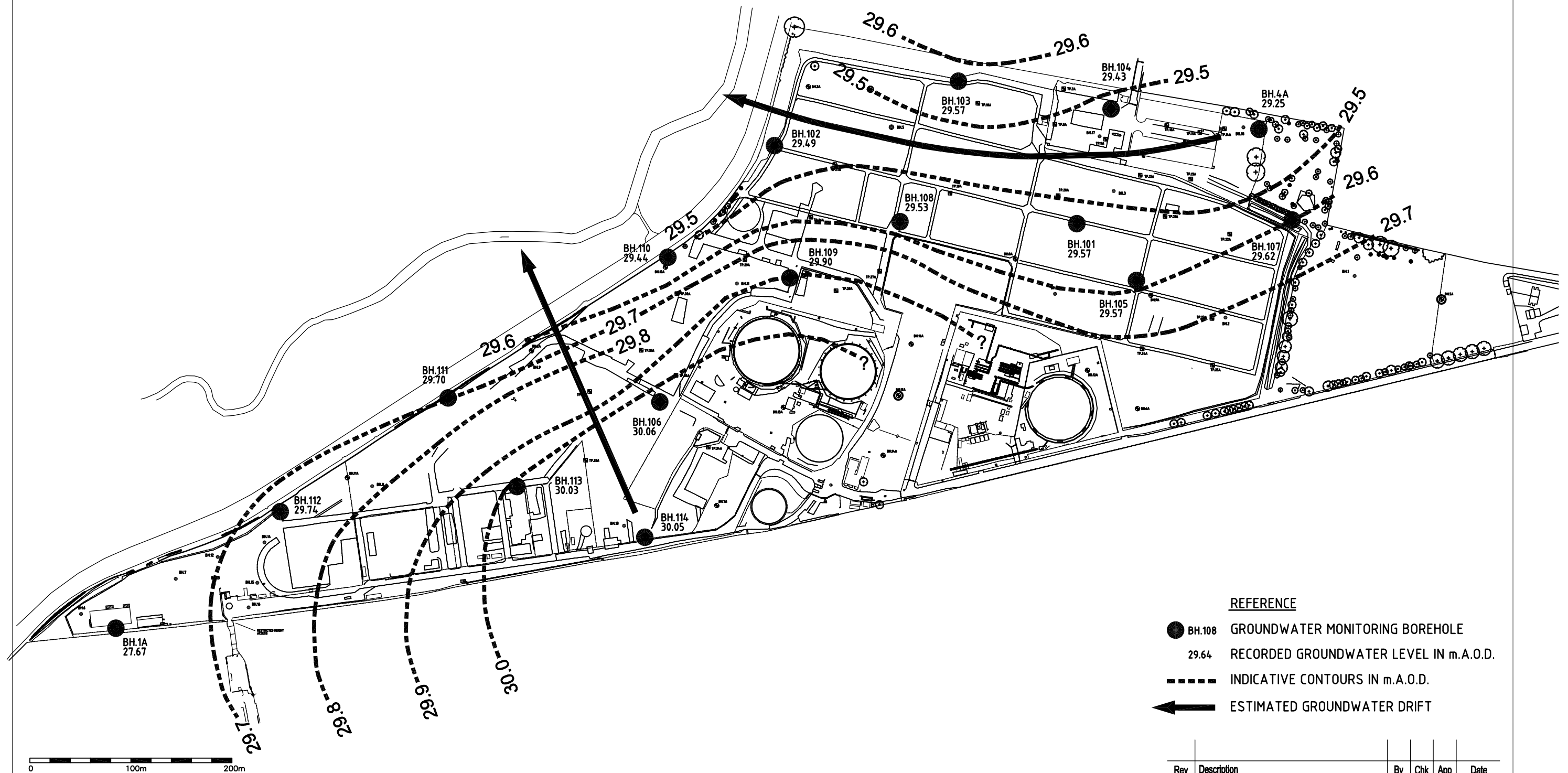
Project:
SOUTHALL GASWORKS - SOUTHALL

Client:
BG PROPERTY HOLDINGS

Rev	Description	By	Chk	App	Date
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Drawing Title:
**INDICATIVE GROUNDWATER CONTOURS
JANUARY 2000- IN METRES A.O.D.**

Scale at A3 N. T. S.	Drawn By D. J. B.	Date MAY 2000	Checked By J. C.	Date MAY 2000	Approved By D. M. F.	Date MAY 2000
Office 30	Type ENV	Project No. E0357/JC	Drawing No. SK. 09	Revision A		



REFERENCE

- BH.108 GROUNDWATER MONITORING BOREHOLE
- 29.64 RECORDED GROUNDWATER LEVEL IN m.A.O.D.
- INDICATIVE CONTOURS IN m.A.O.D.
- ← ESTIMATED GROUNDWATER DRIFT

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Client:

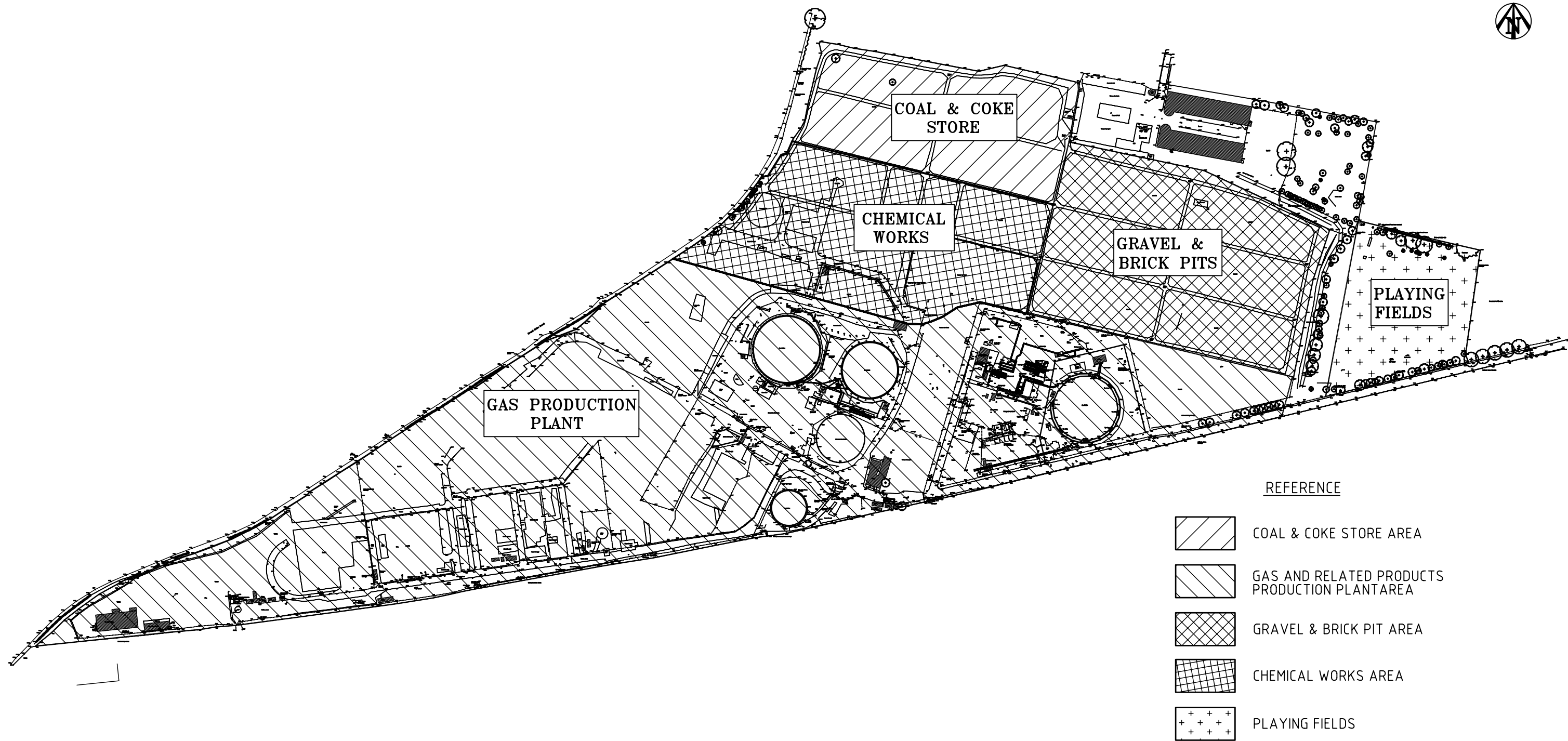
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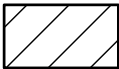


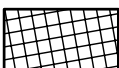
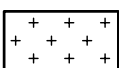
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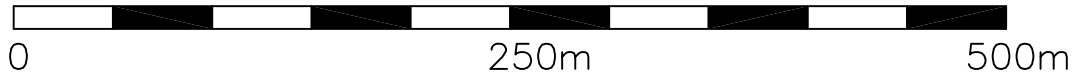
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FEBRUARY 2000- IN METRES A.O.D.**

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Office	Type	Project No.	Drawing No.	Revision		
30	ENV	E0357/JC	SK. 10	A		



REFERENCE

-  COAL & COKE STORE AREA
-  GAS AND RELATED PRODUCTS PRODUCTION PLANT AREA
-  GRAVEL & BRICK PIT AREA
-  CHEMICAL WORKS AREA
-  PLAYING FIELDS



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Project:
SOUTHALL GASWORKS - SOUTHALL

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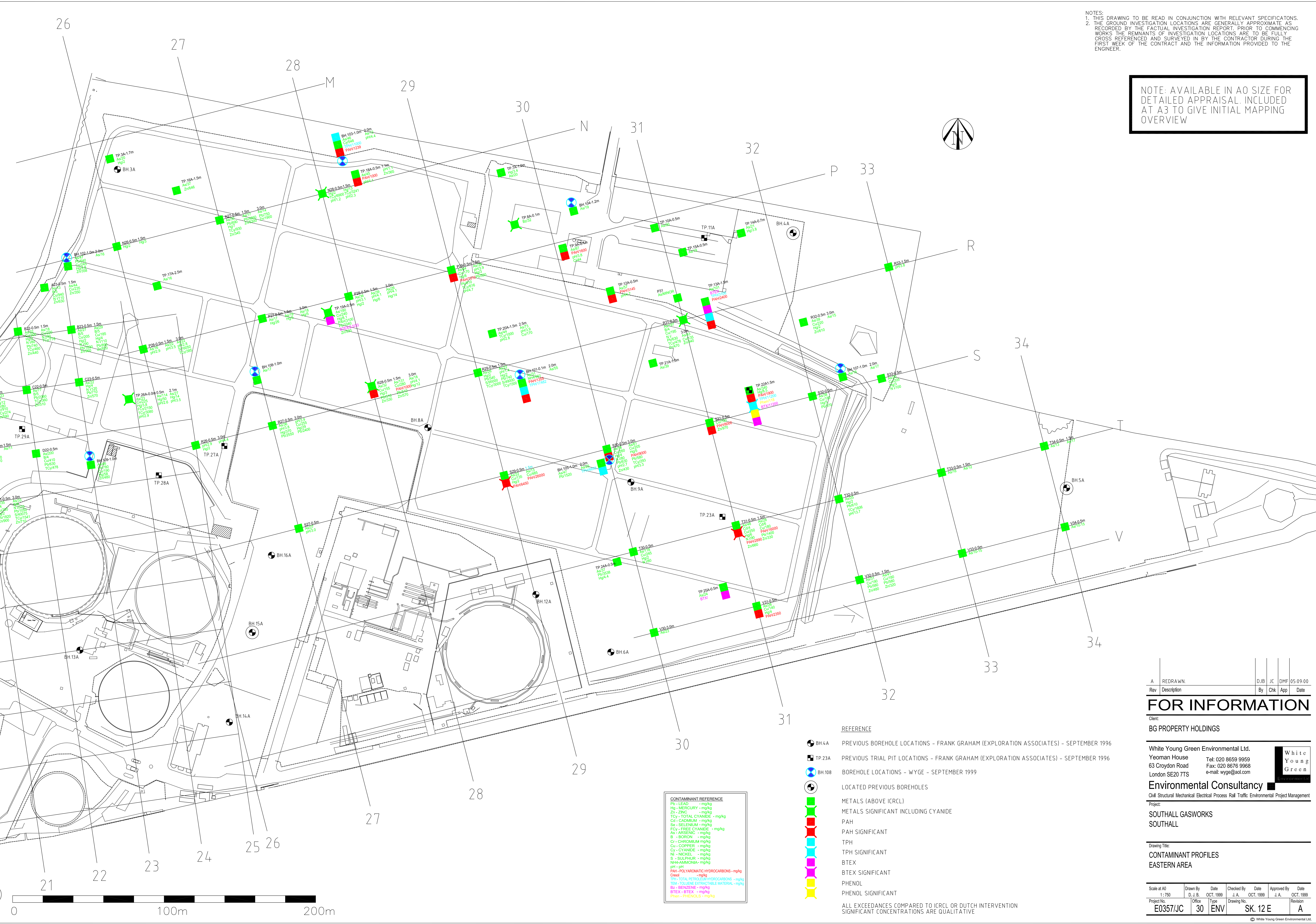
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Drawing Title:
HISTORICAL SITE SUMMARY

Scale at A3 N. T. S.	Drawn By P. R. F.	Date NOV. 1999	Checked By J. C.	Date NOV. 1999	Approved By D. M. F.	Date NOV. 1999
Office 30	Type ENV	Project No. E0357/JC	Drawing No. SK. 11	Revision B		

NOTES:
1. THIS DRAWING TO BE READ IN CONJUNCTION WITH RELEVANT SPECIFICATIONS.
2. THE GROUND INVESTIGATION LOCATIONS ARE GENERALLY APPROXIMATE AS RECORDED BY THE FACTUAL INVESTIGATION REPORT. PRIOR TO COMMENCING WORKS THE REMNANTS OF INVESTIGATION LOCATIONS ARE TO BE FULLY CROSS REFERENCED AND SURVEYED IN BY THE CONTRACTOR DURING THE FIRST WEEK OF THE CONTRACT AND THE INFORMATION PROVIDED TO THE ENGINEER.

NOTE: AVAILABLE IN A0 SIZE FOR
DETAILED APPRAISAL. INCLUDED
AT A3 TO GIVE INITIAL MAPPING
OVERVIEW



A	REDRAWN.	DJB	JC	DMF	05/09/00
Rev	Description	By	Chk	App	Date

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Project:
SOUTHALL GASWORKS
SOUTHALL

Drawing Title:
CONTAMINANT PROFILES
EASTERN AREA

Scale at A0 1:750	Drawn By D.J.B.	Date OCT. 1999	Checked By J.A.	Date OCT. 1999	Approved By J.A.	Date OCT. 1999
Project No. E0357/JC	Office 30	Type ENV	Drawing No. SK. 12 E	Revision A		

NOTE: AVAILABLE IN A0 SIZE FOR
DETAILED APPRAISAL. INCLUDED
AT A3 TO GIVE INITIAL MAPPING
OVERVIEW



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ncy [REDACTED]

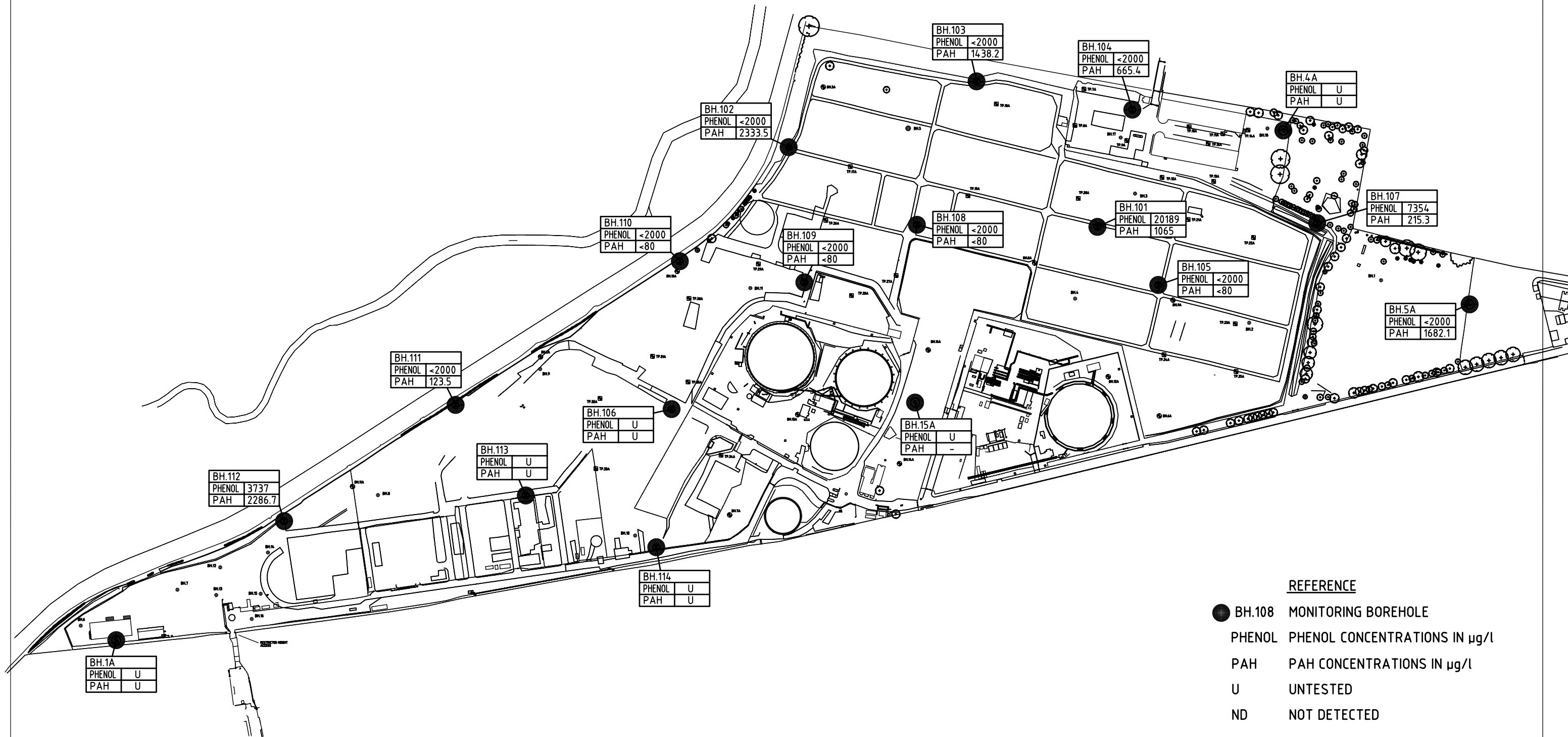
Environmental Project Management

SOUTHALL GASWORKS
SOUTHALL

Drawing Title:
CONTAMINANT PROFILES
WESTERN AREA

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Project No. E0357/JC	Office 30	Type ENV	Drawing No. SK. 12 W	Revision A		

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REFERENCE

- BH.108 MONITORING BOREHOLE
- PHENOL PHENOL CONCENTRATIONS IN µg/l
- PAH PAH CONCENTRATIONS IN µg/l
- U UNTESTED
- ND NOT DETECTED

0 100m 200m

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Civil Structural Mechanical Electrical Process Rail Traffic Environmental Project Management

Project:

SOUTHALL GASWORKS - SOUTHALL

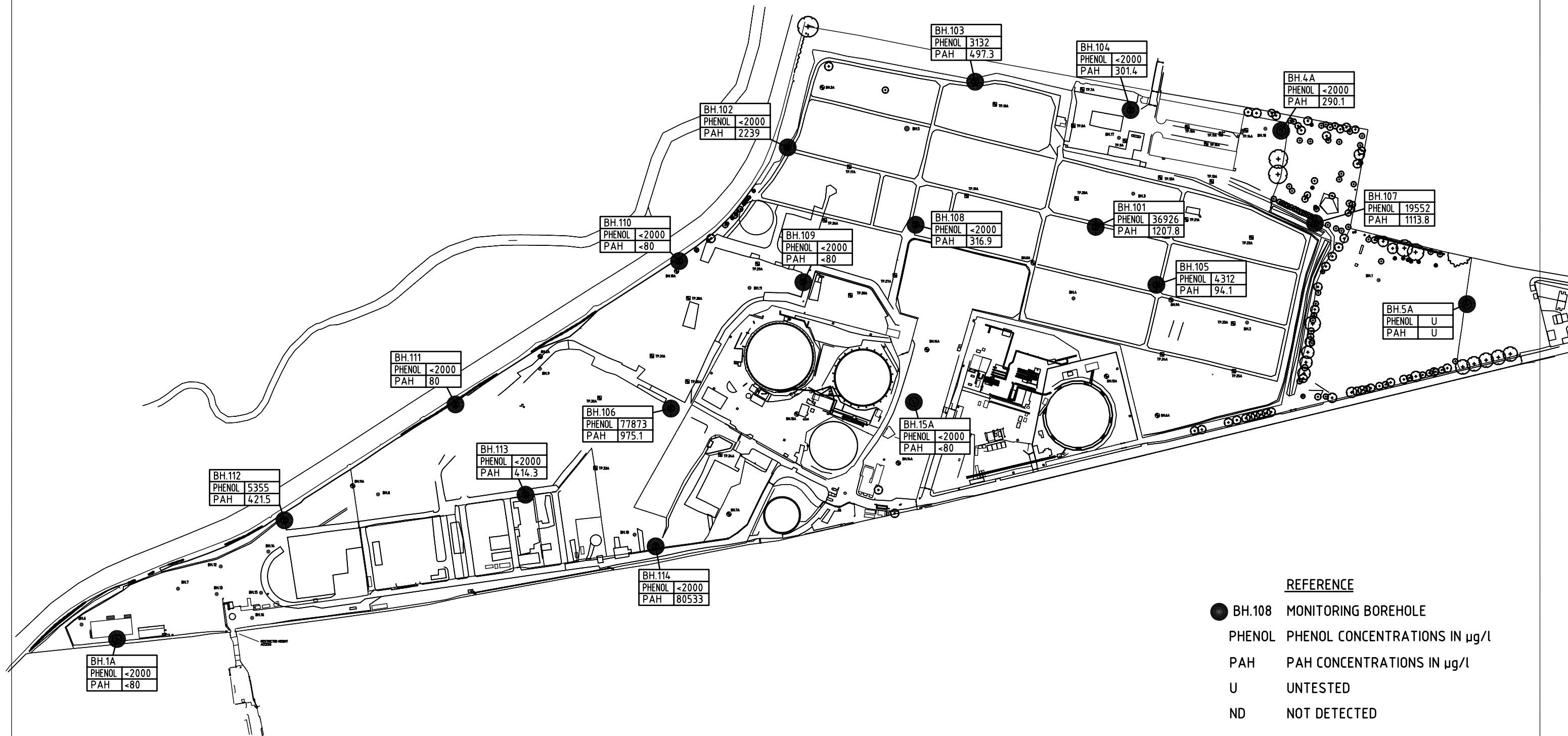
Client:

BG PROPERTY HOLDINGS

Rev	Description	By	Chk	App	Date
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Drawing Title:
PAH / PHENOL GROUNDWATER CONCENTRATIONS EARLY OCTOBER - 04:10:99

Scale at A3 N. T. S.	Drawn By D. J. B.	Date MAY 2000	Checked By J. C.	Date MAY 2000	Approved By D. M. F.	Date MAY 2000
Office 30	Type ENV	Project No. E0357/JC	Drawing No. SK. 13	Revision A		



0 100m 200m

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Project:

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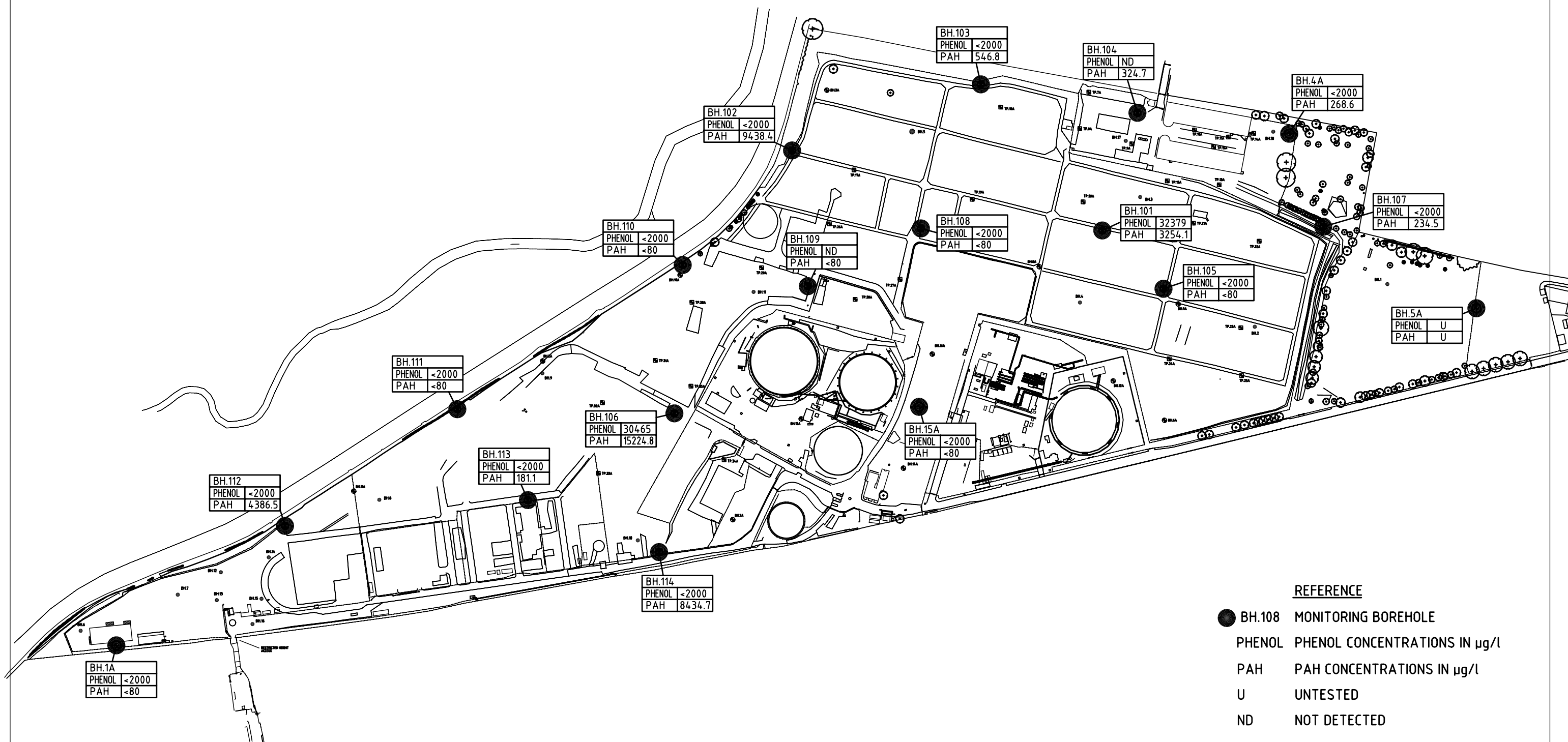
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BG PROPERTY HOLDINGS

REFERENCE

- BH.108 MONITORING BOREHOLE
- PHENOL PHENOL CONCENTRATIONS IN µg/l
- PAH PAH CONCENTRATIONS IN µg/l
- U UNTESTED
- ND NOT DETECTED

Rev	Description	By	Chk	App	Date
	Drawing Title:				
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Scale at A3	Drawn By	Date	Checked By	Date	Approved By
N. T. S.	D. J. B.	MAY 2000	J. C.	MAY 2000	D. M. F.
Office	Type	Project No.	Drawing No.	Revision	
30	ENV	E0357/JC	SK. 14	A	



REFERENCE

- BH.108 MONITORING BOREHOLE
- PHENOL PHENOL CONCENTRATIONS IN $\mu\text{g/l}$
- PAH PAH CONCENTRATIONS IN $\mu\text{g/l}$
- U UNTESTED
- ND NOT DETECTED

0 100m 200m

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Client:

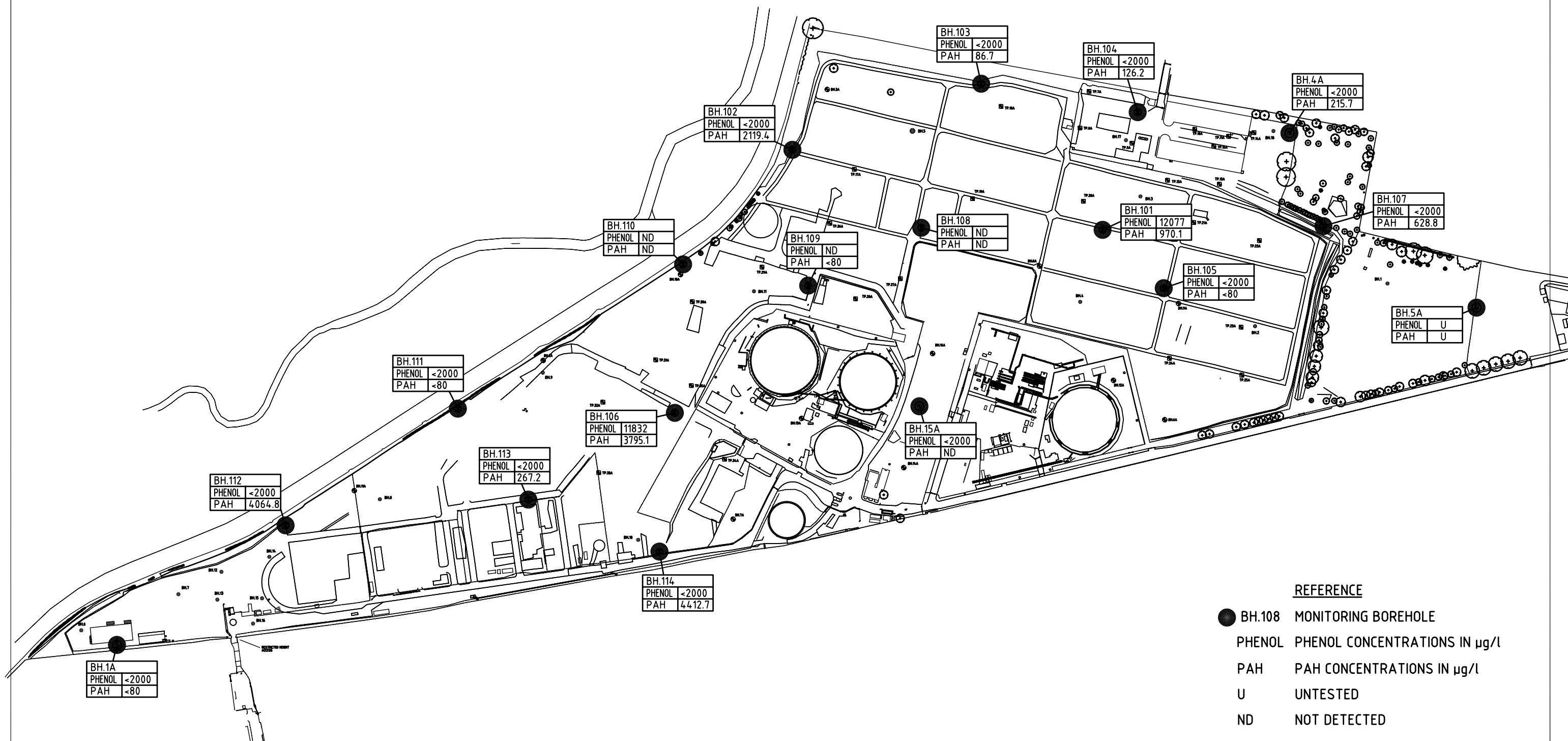
BG PROPERTY HOLDINGS

Rev	Description	By	Chk	App	Date
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Drawing Title:

PAH / PHENOL GROUNDWATER CONCENTRATIONS DECEMBER - 06:12:99

Scale at A3	Drawn By	Date	Checked By	Date	Approved By	Date
N. T. S.	D. J. B.	MAY 2000	J. C.	MAY 2000	D. M. F.	MAY 2000
Office	Type	Project No.	Drawing No.	Revision		
30	ENV	E0357/JC	SK. 15	A		



REFERENCE

- BH.108 MONITORING BOREHOLE
- PHENOL PHENOL CONCENTRATIONS IN µg/l
- PAH PAH CONCENTRATIONS IN µg/l
- U UNTESTED
- ND NOT DETECTED

0 100m 200m

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SOUTHALL GASWORKS - SOUTHALL

Client:

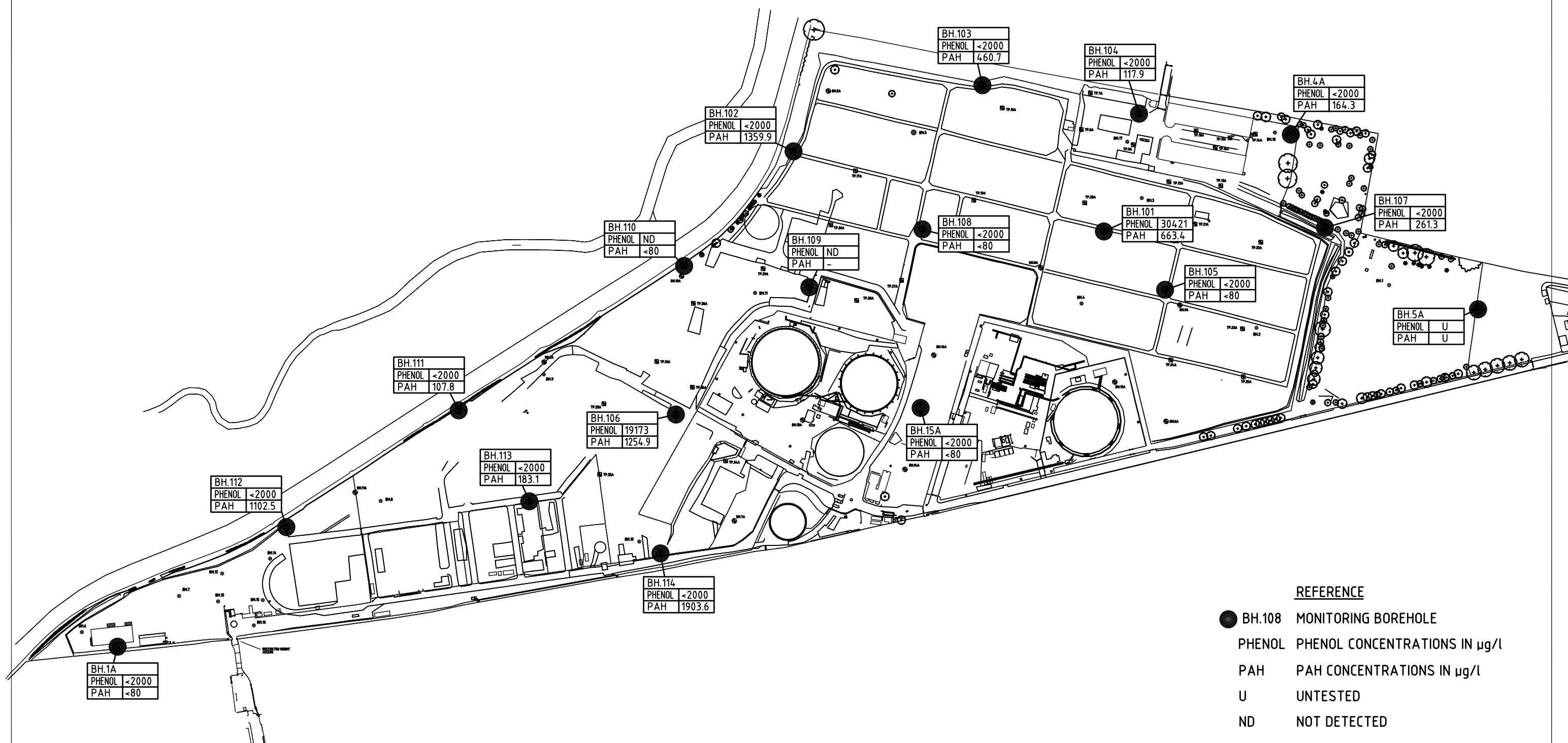
BG PROPERTY HOLDINGS

Rev	Description	By	Chk	App	Date
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Drawing Title:

PAH / PHENOL GROUNDWATER CONCENTRATIONS JANUARY - 13:01:00

Scale at A3 N. T. S.	Drawn By D. J. B.	Date MAY 2000	Checked By J. C.	Date MAY 2000	Approved By D. M. F.	Date MAY 2000
Office 30	Type ENV	Project No. E0357/JC	Drawing No. SK. 16	Revision A		



REFERENCE

- BH.108 MONITORING BOREHOLE
- PHENOL PHENOL CONCENTRATIONS IN µg/l
- PAH PAH CONCENTRATIONS IN µg/l
- U UNTESTED
- ND NOT DETECTED

0 100m 200m

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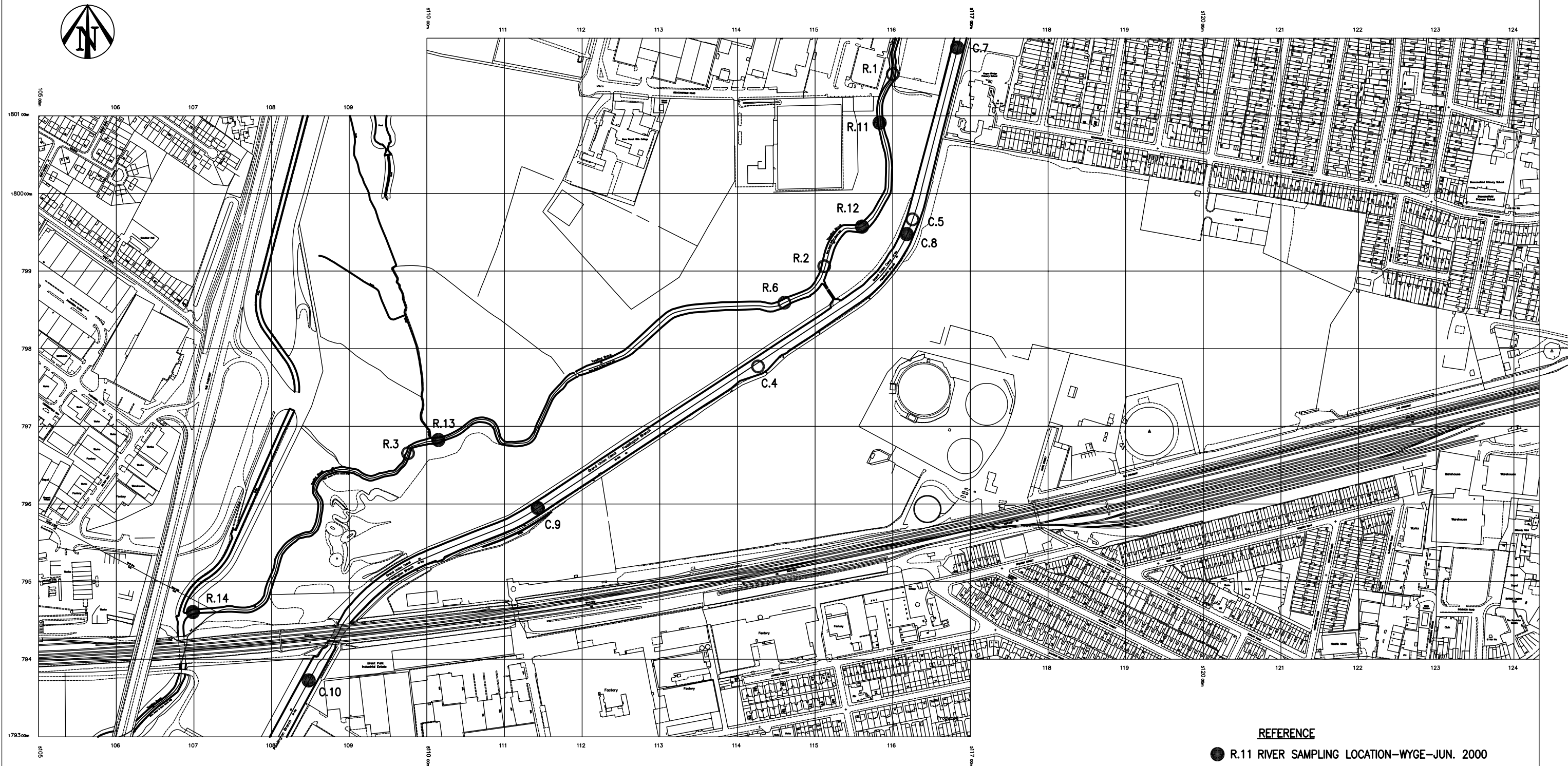
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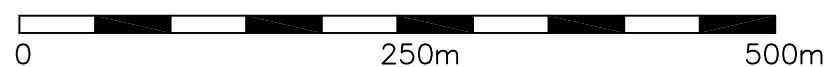
PAH / PHENOL GROUNDWATER CONCENTRATIONS FEBRUARY - 07:02:00

Scale at A3	Drawn By	Date	Checked By	Date	Approved By	Date
N. T. S.	D. J. B.	MAY 2000	J. C.	MAY 2000	D. M. F.	MAY 2000
Office	Type	Project No.	Drawing No.	Revision		
30	ENV	E0357/JC	SK. 17	A		



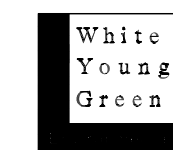
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- R.11 RIVER SAMPLING LOCATION-WYGE-JUN. 2000
- C.10 CANAL SAMPLING LOCATION-WYGE-JUN. 2000
- R.1 RIVER SAMPLING LOCATION-WYGE-FEB. 2000
- C.2 CANAL SAMPLING LOCATION-WYGE-FEB. 2000



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Client:

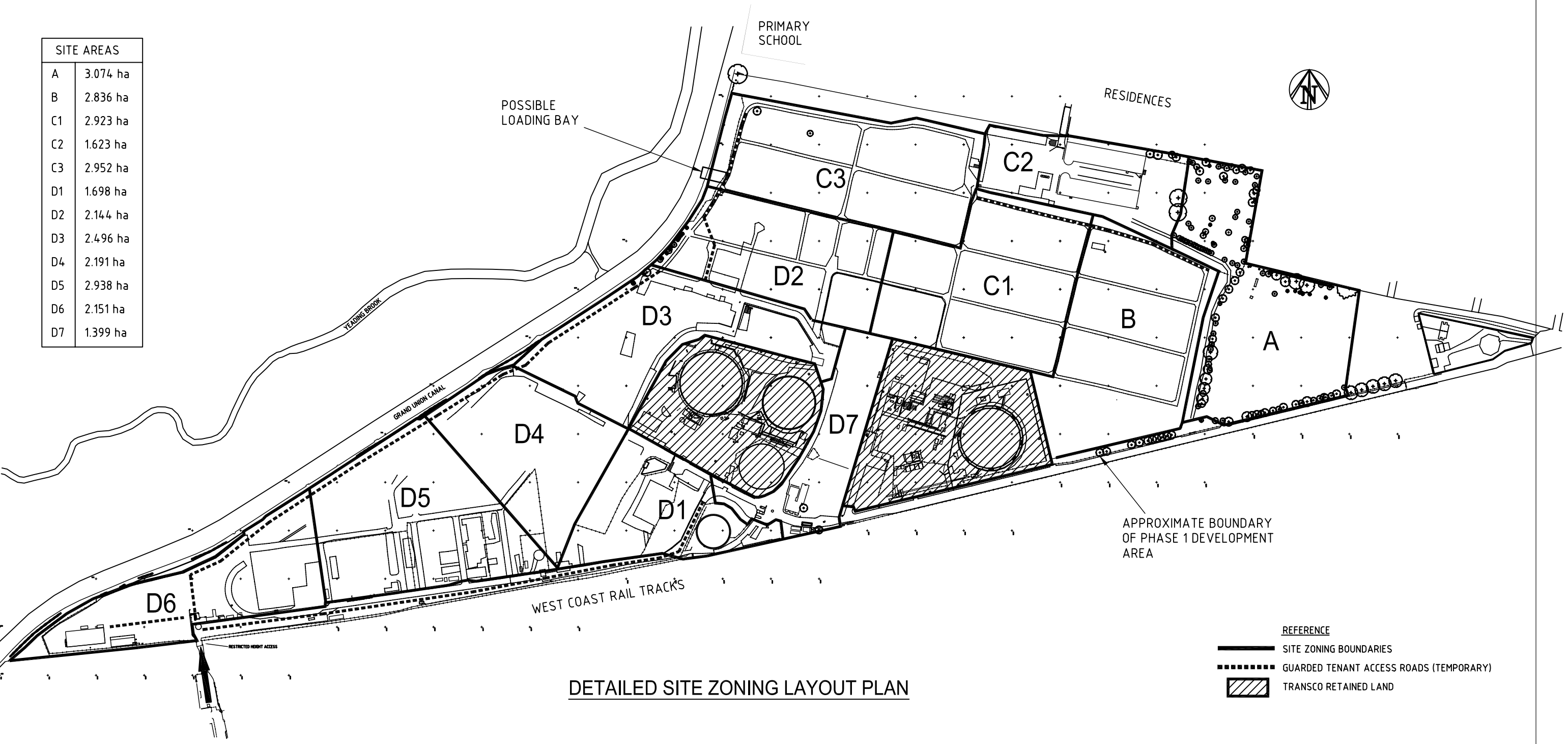
BG PROPERTY HOLDINGS

Rev	Description	By	Chk	App	Date
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Drawing Title:

RIVER AND CANAL SAMPLING
LOCATION PLAN

Scale at A3 1:5000	Drawn By D. J. B.	Date SEPT. 2000	Checked By J. C.	Date SEPT. 2000	Approved By D. M. F.	Date SEPT. 2000
Office 30	Type ENV	Project No. EO357/JC	Drawing No. SK. 18	Revision		



SITE AREAS	
A	3.074 ha
B	2.836 ha
C1	2.923 ha
C2	1.623 ha
C3	2.952 ha
D1	1.698 ha
D2	2.144 ha
D3	2.496 ha
D4	2.191 ha
D5	2.938 ha
D6	2.151 ha
D7	1.399 ha

DETAILED SITE ZONING LAYOUT PLAN

REFERENCE	
	SITE ZONING BOUNDARIES
	GUARDED TENANT ACCESS ROADS (TEMPORARY)
	TRANSCO RETAINED LAND

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Environmental Consultancy
Civil Structural Mechanical Electrical Process Rail Traffic Environmental Project Management

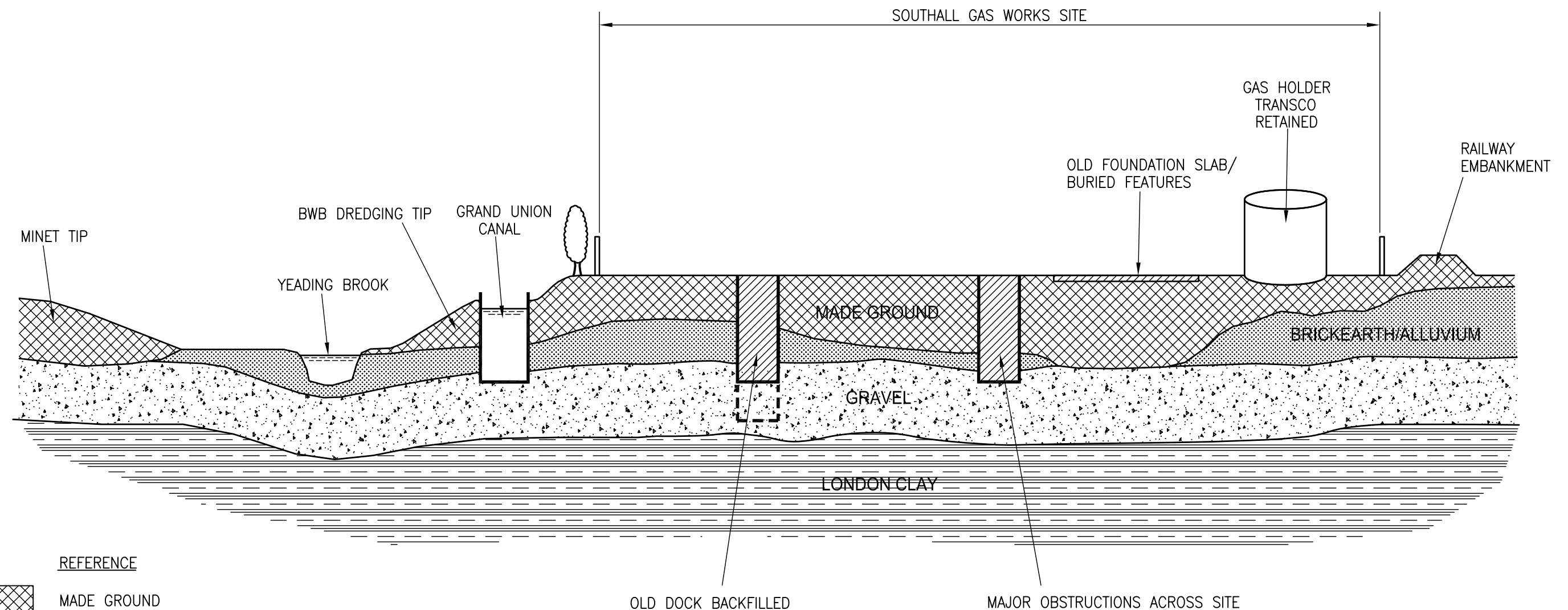
Project:
SOUTHALL GASWORKS - SOUTHALL

Client:
BG PROPERTY HOLDINGS

Rev	Description	By	Chk	App	Date
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Drawing Title:
DETAILED SITE ZONING

Scale at A3 N. T. S.		Drawn By D. J. B.	Date SEPT. 2000	Checked By J. C.	Date SEPT. 2000	Approved By D. M. F.	Date SEPT. 2000
Office 30	Type ENV	Project No. E0357/JC		Drawing No. SK. 19		Revision	



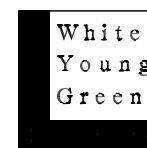
REFERENCE

	MADE GROUND
	BRICKEARTH/ALLUVIUM
	GRAVEL
	LONDON CLAY

SCHEMATIC GROUND PROFILE OF THE FORMER SOUTHALL GAS WORKS AND SURROUNDING AREA

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Environmental Consultancy

Civil Structural Mechanical Electrical Process Rail Traffic Environmental Project Management

Project:

SOUTHALL GASWORKS - SOUTHALL

Client:

BG PROPERTY HOLDINGS

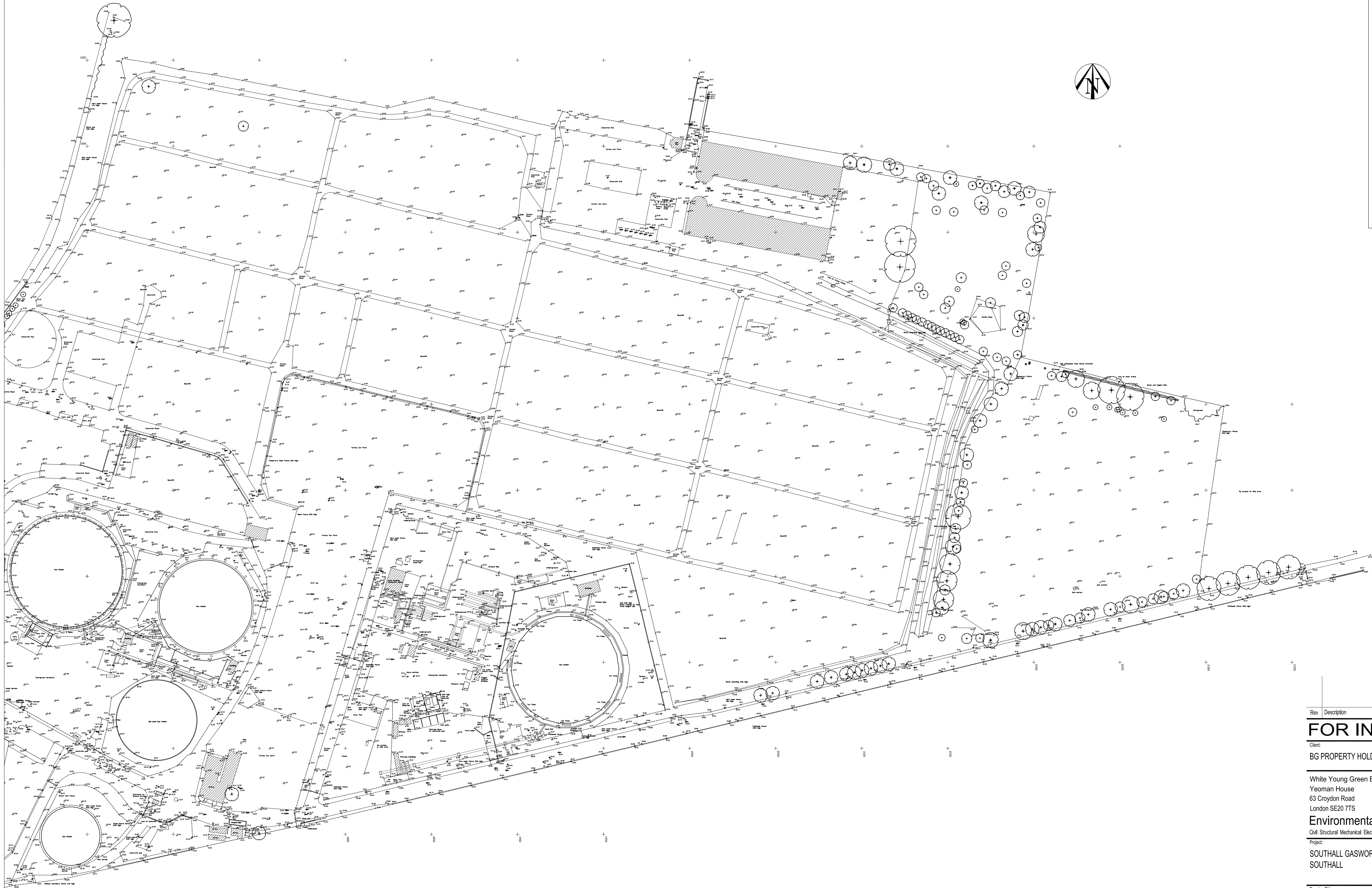
Rev	Description	By	Chk	App	Date
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Drawing Title:

**SCHEMATIC GROUND PROFILE - SOUTHALL
GAS WORKS AND SURROUNDING AREA**

Scale at A3 N. T. S.	Drawn By D. J. B.	Date SEPT. 2000	Checked By J. C.	Date SEPT. 2000	Approved By D. M. F.	Date SEPT. 2000
Office 30	Type ENV	Project No. E0357/JC	Drawing No. SK. 20	Revision		

NOTES:
1. THIS DRAWING TO BE READ IN CONJUNCTION WITH RELEVANT SPECIFICATIONS.
2. THIS TOPOGRAPHICAL SURVEY HAS BEEN TRANSFERRED FROM THE INFORMATION PROVIDED BY LANDFORM SURVEYS DRAWING NUMBERS 001-004 DATED APRIL 1999 AS DETAILED BELOW.



Legend

⊙ BOLLARD
⊙ BUS STOP
⊙ CABLE TV
⊙ EARTH ROD
⊙ ELECTRIC POLE
⊙ FIRE HYDRANT
⊙ GAS VALVE
⊙ GULLY
⊙ INSPECTION COVER
⊙ LAMP POST
⊙ MANHOLE
⊙ ROAD SIGN
⊙ STOP VALVE
⊙ TELECOM POLE
⊙ TELECOM COVER
⊙ WATER METER
⊙ SURVEY STATION
⊙ SPOT LEVEL
⊙ FENCE
⊙ ROAD/PAVED EDGE
⊙ BREAK OF SLOPE

CO-ORDINATES SHOWN ARE TO A LOCAL GRID AND ORIENTATED APPROXIMATELY TO GRID NORTH.

LEVELS SHOWN ARE TIED IN TO DRAINAGE SURVEY BENCHMARK ON WICKENFELD ROAD.
CVALUE = 35.07% ADDS.

SITE CO-ORDINATES:
S198046 17980046
AREA OF SITE: 34.46 HA.

Rev	Description	By	Chk	App	Date
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Environmental Consultancy
Civil Structural Mechanical Electrical Process Rail Traffic Environmental Project Management

Project:
SOUTHALL GASWORKS
SOUTHALL

Drawing Title:
TOPOGRAPHICAL SURVEY
EASTERN AREA

Scale at A0	Drawn By	Date	Checked By	Date	Approved By	Date
1:750	D. J. B.	SEPT. 2000	J. C.	SEPT. 2000	D. M. F.	SEPT. 2000
Project No.	Office	Type	Drawing No.	Revision		
E0357/JC	30	ENV	01 E			

NOTES:
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Legend

○ BOLLARD
○ BUS STOP
□ CABLE TV
○ CEMETERY
○ ELECTRIC POLE
○ FIRE HYDRANT
○ GAS VALVE
○ GULLY
○ INSPECTION COVER
○ LAMP POST
○ MANHOLE
○ ROAD SIGN
○ STOP VALVE
○ TELECOM POLE
○ TELECOM COVER
○ WATER METER
○ SURVEY STATION
○ SPOT LEVEL
--- FENCE
--- ROAD/PAVED EDGE
--- BREAK OF SLOPE

CO-ORDINATES SHOWN ARE TO A LOCAL GRID AND ORIENTATED APPROXIMATELY TO GRID NORTH.

LEVELS SHOWN ARE TIED IN TO ORDNANCE SURVEY BENCHMARK ON BEAUFIELD ROAD (VALLEY = 3157H AGSL).

SITE CO-ORDINATED:
SUSPENSE 179800M.

AREA OF SITE: 34.46 HA.



Rev	Description	By	Chk	App	Date
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Civil Structural Mechanical Electrical Process Rail Traffic Environmental Project Management

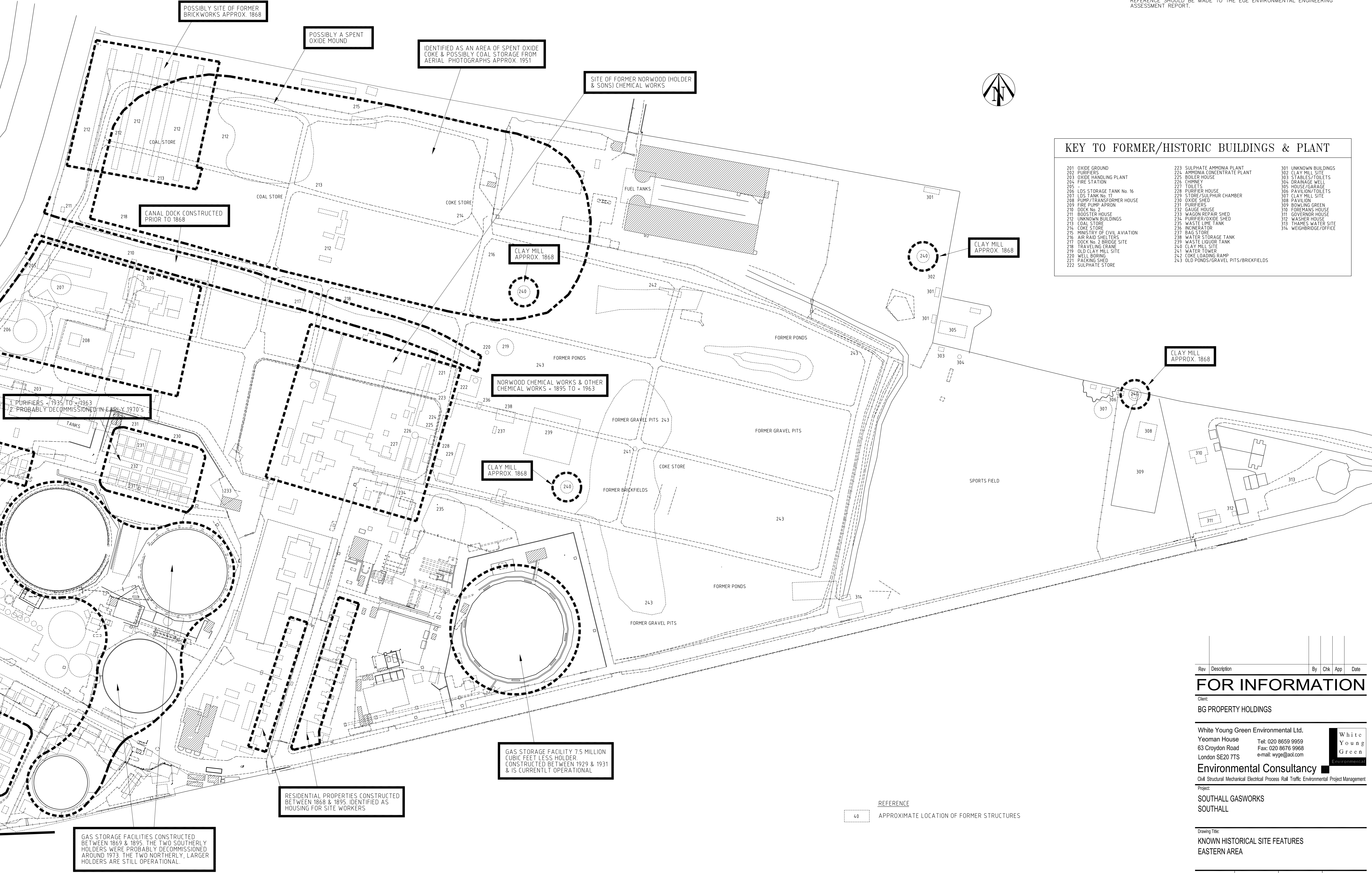
Project:
SOUTHALL GASWORKS
SOUTHALL

Drawing Title:
TOPOGRAPHICAL SURVEY
WESTERN AREA

Scale at A0	Drawn By	Date	Checked By	Date	Approved By	Date
1:750	D.J.B.	SEPT. 2000	J.C.	SEPT. 2000	D.M.F.	SEPT. 2000
Project No.	Office	Type	Drawing No.	Revision		
E0357/JC	30	ENV	01 W			

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KEY TO FORMER/HISTORIC BUILDINGS & PLANT

201	OXIDE GROUND	223	SULPHATE AMMONIA PLANT	301	UNKNOWN BUILDINGS
202	PURIFIERS	224	AMMONIA CONCENTRATE PLANT	302	CLAY MILL SITE
203	OXIDE HANDLING PLANT	225	BOILER HOUSE	303	STABLES/TOILETS
204	FIRE STATION	226	CHIMNEY	304	DRAINAGE WELL
205	-	227	TOILETS	305	HOUSE/GARAGE
206	LDS STORAGE TANK No. 16	228	PURIFIER HOUSE	306	PAVILION/TOILETS
207	LDS TANK No. 17	229	STORE/SULPHUR CHAMBER	307	CLAY MILL SITE
208	PUMP/TRANSFORMER HOUSE	230	OXIDE SHED	308	PAVILION
209	FIRE PUMP APRON	231	PURIFIERS	309	BOWLING GREEN
210	DOCK No. 2	232	GAUGE HOUSE	310	FOREMANS HOUSE
211	BOOSTER HOUSE	233	WAGON REPAIR SHED	311	GOVERNOR HOUSE
212	UNKNOWN BUILDINGS	234	PURIFIER/OXIDE SHED	312	WASHER HOUSE
213	COAL STORE	235	WASTE LIME TANK	313	THAMES WATER SITE
214	COKE STORE	236	INCINERATOR	314	WEIGHBRIDGE/OFFICE
215	MINISTRY OF CIVIL AVIATION	237	BAG STORE		
216	AIR RAID SHELTERS	238	WATER STORAGE TANK		
217	DOCK No. 2 BRIDGE SITE	239	WASTE LIQUOR TANK		
218	TRAVELING CRANE	240	CLAY MILL SITE		
219	OLD CLAY MILL SITE	241	WATER TOWER		
220	WELL BORING	242	COKE LOADING RAMP		
221	PACKING SHED	243	OLD PONDS/GRAVEL PITS/BRICKFIELDS		
222	SULPHATE STORE				

Rev	Description	By	Chk	App	Date
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e-mail: wyge@aol.com



Environmental Consultancy

Civil Structural Mechanical Electrical Process Rail Traffic Environmental Project Management

Project:
SOUTHALL GASWORKS
SOUTHALL

Drawing Title:
KNOWN HISTORICAL SITE FEATURES
EASTERN AREA

Scale at A0	Drawn By	Date	Checked By	Date	Approved By	Date
1:750	D.J.B.	SEPT. 2000	J.C.	SEPT. 2000	D.M.F.	SEPT. 2000
Project No.	Office	Type	Drawing No.	Revision		
E0357/JC	30	ENV	02 E			

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KEY TO FORMER/HISTORIC BUILDINGS & PLANT

- | | | | | | |
|---------------------------------------|--------------------------------------|--------------------------------|----------------------------------|---------------------------------------|------------------------|
| 1 COAL STORAGE AREA | 51 CONTROL BLOCK | 101 EFFLUENT PLANT | 151 CONDENSERS | 201 OXIDE GROUND | 301 UNKNOWN BUILDINGS |
| 2 DOCK No. 3 | 52 ACID RECOVERY PLANT | 102 METHANE PRS | 152 ANCILLARY PLANT | 202 PURIFIERS | 302 CLAY MILL SITE |
| 3 TUNNEL | 53 UNDERGROUND STORAGE TANKS | 103 WATER STORAGE TANKS | 153 COOLING TOWER | 203 OXIDE HANDLING PLANT | 303 STABLES/TOILETS |
| 4 OUTFALL TO YEADING BROOK | 54 ACID RECOVERY PLANT | 104 WATER TANK | 154 LOBBY | 204 FIRE STATION | 304 DRAINAGE WELL |
| 5 PUMP HOUSE | 55 BENZOLE RECTIFICATION PLANT | 105 METHANOL TANK | 155 DOCK No. 1 | 205 LDS STORAGE TANK No. 16 | 305 HOUSE/GARAGE |
| 6 SEPARATORS | 56 SEPARATORS/TANKS | 106 PLATING/SMITH/MACHINE SHOP | 156 SAND FILTERS/WATER SOFTENER | 206 PLATING/SMITH/MACHINE SHOP | 306 PAVILION/TOILETS |
| 7 TANKS | 57 BENZENE STORAGE TANKS | 107 WELDING/SMITHS SHOP | 157 PUMP HOUSE | 207 LDS TANK No. 17 | 307 CLAY MILL SITE |
| 8 TAR TANK | 58 CRUDE BENZOLE PLANT | 108 IRON & STEEL STORES | 158 TAR LOADING TANKS | 208 PUMP/TRANSFORMER HOUSE | 308 PAVILION |
| 9 PREPARED TAR TANK | 59 DEBENZOLISED OIL TANKS | 109 No. 1 SUB-STATION | 159 LIQUOR TANKS | 209 FIRE PUMP APRON | 309 BOWLING GREEN |
| 10 TAR TANK (BECTAPHALTI) | 60 BENZOLE TANKS | 110 PUMP HOUSE | 160 PUMP HOUSE/LIQUOR COOLER | 210 DOCK No. 2 | 310 FOREMANS HOUSE |
| 11 TOILETS | 61 CRUDE TAR TANKS | 111 WASTE HEAT BOILER HOUSE | 161 FOREMANS OFFICE | 211 BOOSTER HOUSE | 312 WASHER HOUSE |
| 12 FIRE PUMP | 62 SEPARATORS | 112 MACHINE SHOP | 162 SUMP | 212 UNKNOWN BUILDINGS | 313 THAMES WATER SITE |
| 13 BLACK VARNISH PLANT | 63 UNDERGROUND CRUDE BENZOLE TANKS | 113 PRIMARY CONDENSERS | 163 WASHERS/DETARRERS/CONDENSERS | 213 COAL STORE | 314 WEIGHBRIDGE/OFFICE |
| 14 ROAD TAR TANKS | 64 HYDROCARBON ALTERNATOR HOUSE | 114 CONTROL ROOM | 164 OXIDE SHEDS | 214 COKE STORE | |
| 15 SMALL BUILDINGS | 65 CHIMNEY | 115 COKE HANDLING PLANT | 165 PURIFIERS | 215 MINISTRY OF CIVIL AVIATION | |
| 16 STORES | 66 AUXILIARY BOILERS | 116 WAGON TIPPLER | 166 PURIFIERS | 216 AIR RAID SHELTERS | |
| 17 COOPERS SHED | 67 HOT TAR LOADING STATION | 117 TIPPLER | 167 GAUGE HOUSE | 217 DOCK No. 2 BRIDGE SITE | |
| 18 CREOSOTE TANK | 68 TAR TANK | 118 BRIQUETTING PLANT | 168 STRONG LIQUOR TANK | 218 TRAVELING CRANE | |
| 19 TAR STORAGE TANKS | 69 | 119 BOILERS/QUENCHING PLANT | 169 WEAK LIQUOR TANK | 219 OLD CLAY MILL SITE | |
| 20 CREOSOTE TANK | 70 LOBBY | 120 No. 1 RETORT HOUSE | 170 TOWER SCRUBBER | 220 WELL BORING | |
| 21 BARREL FILLING STATION | 71 LIQUOR TANK | 121 SALERMO PLANT | 171 ROTARY WASHERS | 221 PACKING STORE | |
| 22 SODA STORAGE TANKS | 72 CHIMNEY TO BOILER HOUSE | 122 | 172 PUMP HOUSE | 222 SULPHATE AMMONIA PLANT | |
| 23 CREOSOTE STORAGE TANKS | 73 R.C. TAR TANK | 123 COKE GRADING PLANT | 173 PUMP SHED | 224 AMMONIA CONCENTRATE PLANT | |
| 24 PHENOL PLANT | 74 BOILER/PUMP HOUSE | 124 BLENDING HOPPERS | 174 COOLING TOWER | 225 BOILER HOUSE | |
| 25 LPG STORAGE TANKS | 75 TOILETS | 125 WIRE ROPE SHOP | 175 LIQUOR TANK | 226 CHIMNEY | |
| 26 CHEMICAL (ARSENIOUS OXIDE) STORE | 76 FIRE ENGINE HOUSE | 126 POWER HOUSE | 176 OIL TANK | 227 TOILETS | |
| 27 VAPOURISERS | 77 BOILER BLOW DOWN PIT | 127 WASTE HEAT BOILERS | 177 TAR TANK | 228 PURIFIER HOUSE | |
| 28 WEIGHBRIDGE | 78 COCHRANE BOILER | 128 PLUMBERS/FITTERS SHOP | 178 OXIDE SHEDS | 229 STORE/SULPHUR CHAMBER | |
| 29 FOREMANS OFFICE | 79 LOBBY | 129 No. 3 COAL PLANT | 179 BIOLOGICAL EFFLUENT PLANT | 230 OXIDE SHED | |
| 30 COOPERS SHED | 80 TAR HEATING TANKS | 130 No. 2 RETORT HOUSE | 180 CONCENTRATED LIQUOR TANK | 231 PURIFIERS | |
| 31 REFINED CREOSOTE TAR TANK | 81 OIL TAR PLANT | 131 No. 5 RETORT HOUSE | 181 OXIDE SHED | 232 GAUGE HOUSE | |
| 32 REFORMED TAR STORAGE TANK | 82 CWG PLANT | 132 | 182 CONCENTRATED LIQUOR TANK | 233 WAGON REPAIR SHED | |
| 33 TOILETS | 83 TAR TANK | 133 TIPPLER | 183 LABORATORY | 234 PURIFIER/OXIDE SHED | |
| 34 PITCH BAYS | 84 OFFICE | 134 COKE HOPPERS | 184 EXHAUSTER HOUSE | 235 WASTE LIME TANK | |
| 35 PITCH COOLERS | 85 FIRE STATION | 135 EFFLUENT PIT | 185 ANCILLARY PLANT | 236 INCINERATOR | |
| 36 TAR TANK | 86 WAGON/LOD SHED | 136 WATER COOLING PLANT | | 237 BAG STORE | |
| 37 LIQUOR TANK | 87 WATER INTAKE CHAMBER | 137 | | 238 WATER STORAGE TANK | |
| 38 BITUMINOUS COMPOUND PLANT | 88 FITTERS/ELECTRICIANS/WELDERS SHOP | 138 CHIMNEY | | 239 WASTE LIQUOR TANK | |
| 39 TAR STILL | 89 PAINT SHOP | 139 WASTE HEAT BOILERS | | 240 CLAY MILL SITE | |
| 40 STILL HOUSE | 90 SEWAGE EJECTOR | 140 MESS ROOM | | 241 WATER TOWER | |
| 41 CREOSOTE/OIL TANKS | 91 | 141 No. 5 RETORT HOUSE | | 242 COKE LOADING RAMP | |
| 42 TAR/CREOSOTE TANKS OVER SEPARATORS | 92 PETROL & OIL PUMPS | 142 TAR TANKS/SEPARATORS | | 243 OLD PONDS/GRAVEL PITS/BRICKFIELDS | |
| 43 TAR TANK LOADING PLATFORM | 93 STORES | 143 BLOWER HOUSE | | | |
| 44 CREOSOTE TANK | 94 B & W BOILER PLANT | 144 CWG PLANT | | | |
| 45 TAR WORKS LABORATORY | 95 MEDIUM OIL FUEL TANKS | 145 BOILER HOUSE | | | |
| 46 COOLING TOWERS | 96 OFF LOADING BAY | 146 WATER TREATMENT PLANT | | | |
| 47 | 97 CATALYTIC RICH GAS PLANT | 147 ASH HANDLING PLANT | | | |
| 48 BLOWER HOUSE PLOT | 98 CONTROL BUILDING | 148 OXIDE SHEDS | | | |
| 49 HYDROCARBON REFORMING PLANT | 99 FURNACE | 149 PURIFIERS | | | |
| 50 INSTRUMENT & MODEL HOUSE | 100 NATURAL GAS PLANT | 150 SEWAGE EJECTOR | | | |

1. OILWORKS FROM < 1868 YD < 1895
2. ALDgate CHEMICAL WORKS < 1895 TO < 1935
3. SPENT OXIDE STORAGE & RAILWAY SIDINGS < 1935 TO APPROX. 1960
4. LDS STORAGE FACILITY & OTHER INFRASTRUCTURE ASSOCIATED WITH GAS PRODUCTION FROM LIQUID PETROLEUM
5. DECOMMISSIONED APPROX. 1973

TANKS/PURIFIERS < 1895 TO 1964

1. FORMER POND < 1868 IN SOUTHERN AREA
 2. RETORTS & ASSOCIATED COAL/COKE
 - 120 - No.1 RETORT HOUSE (1869) FEEDSTOCK INFRASTRUCTURE
 - 123 - COKE GRADING
 - 130 - No.3 RETORT HOUSE (1890's?)
 - 141 - No.5 RETORT HOUSE
 - 144 - CWG PLANT
- RETORTS ON SITE UNTIL EARLY 1960's WHEN BUILDINGS MAY HAVE BEEN REUSED IN GAS MANUFACTURE FROM LIQUID PETROLEUM DISTILLATE

1. PURIFIERS < 1935 TO < 1963
2. PROBABLY DECOMMISSIONED IN EARLY 1970's

ASSORTED
INFRASTRUCTURE FOR
GAS MANUFACTURE

ASSORTED LAND USE, TOOL SHEDS,
BOILER HOUSE, MACHINE SHOPS,
PAINT SHOPS, STORES, < 1890's TO
< 1960's

TAR STORAGE/PROCESSING WORKS, SOME
ASSOCIATED PRODUCT MANUFACTURE/
STORAGE INCLUDING BLACK VARNISH
THOUGHT TO HAVE BEEN ACTIVE FROM
APPROX. WORLD WAR ONE & DECOMMISSIONED
PRIOR TO THE 1960's.

GAS STORAGE FACILITIES CONSTRUCTED
BETWEEN 1869 & 1895. THE TWO SOUTHERLY
HOLDERS WERE PROBABLY DECOMMISSIONED
AROUND 1973. THE TWO NORTHERLY, LARGER
HOLDERS ARE STILL OPERATIONAL.

BLENDING & HOPPERS FOR
TREATMENT OF RAW COAL

1. RAILWAY SIDING
1. FIRST INTRODUCED < 1897 & EXPANDED GREATLY BETWEEN 1914 & 1935. POSSIBLY DECOMMISSIONED EARLY 1960's WITH THE DECLINE OF COAL AS A FEEDSTOCK
2. CENTRAL AREA THOUGHT TO HAVE BEEN USED AS A COAL STORE < 1897 TO EARLY 1960's
3. CATALYTIC RICH GAS PLANT, FURNACE & MEDIUM OIL FUEL TANKS THOUGHT TO HAVE BEEN ADDED EARLY 1960's TO 1970's (WHEN DECOMMISSIONED) POSSIBLY ASSOCIATED WITH PETROLEUM AS A FEEDSTOCK

BENZENE & RELATED PRODUCT MANUFACTURE
& STORAGE FACILITIES. THOUGHT TO HAVE BEEN
ACTIVE FROM WORLD WAR ONE & DECOMMISSIONED
PRIOR TO THE 1960's

LPG STORAGE TANKS PROBABLY
INSTALLED IN THE EARLY 1960's
& DECOMMISSIONED EARLY 1970's

1. FORMER POND
2. FORMER SMALLER POND < 1914
3. RESOVOIR < 1935
4. 2 x LARGE TANKS < 1964 (POSSIBLY MEANING PURIFIERS)
5. < 1964 TO EARLY 1970's GAS PURIFIERS

Rev	Description	By	Chk	App	Date
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Environmental

Environmental Consultancy

Civil Structural Mechanical Electrical Process Rail Traffic Environmental Project Management

Project:

SOUTHALL GASWORKS

SOUTHALL

Drawing Title:

KNOWN HISTORICAL SITE FEATURES

WESTERN AREA

Scale at A0	Drawn By	Date	Checked By	Date	Approved By	Date
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1:750	D.J.B.	SEPT. 2000	J.C.	SEPT. 2000	D.M.F.	SEPT. 2000
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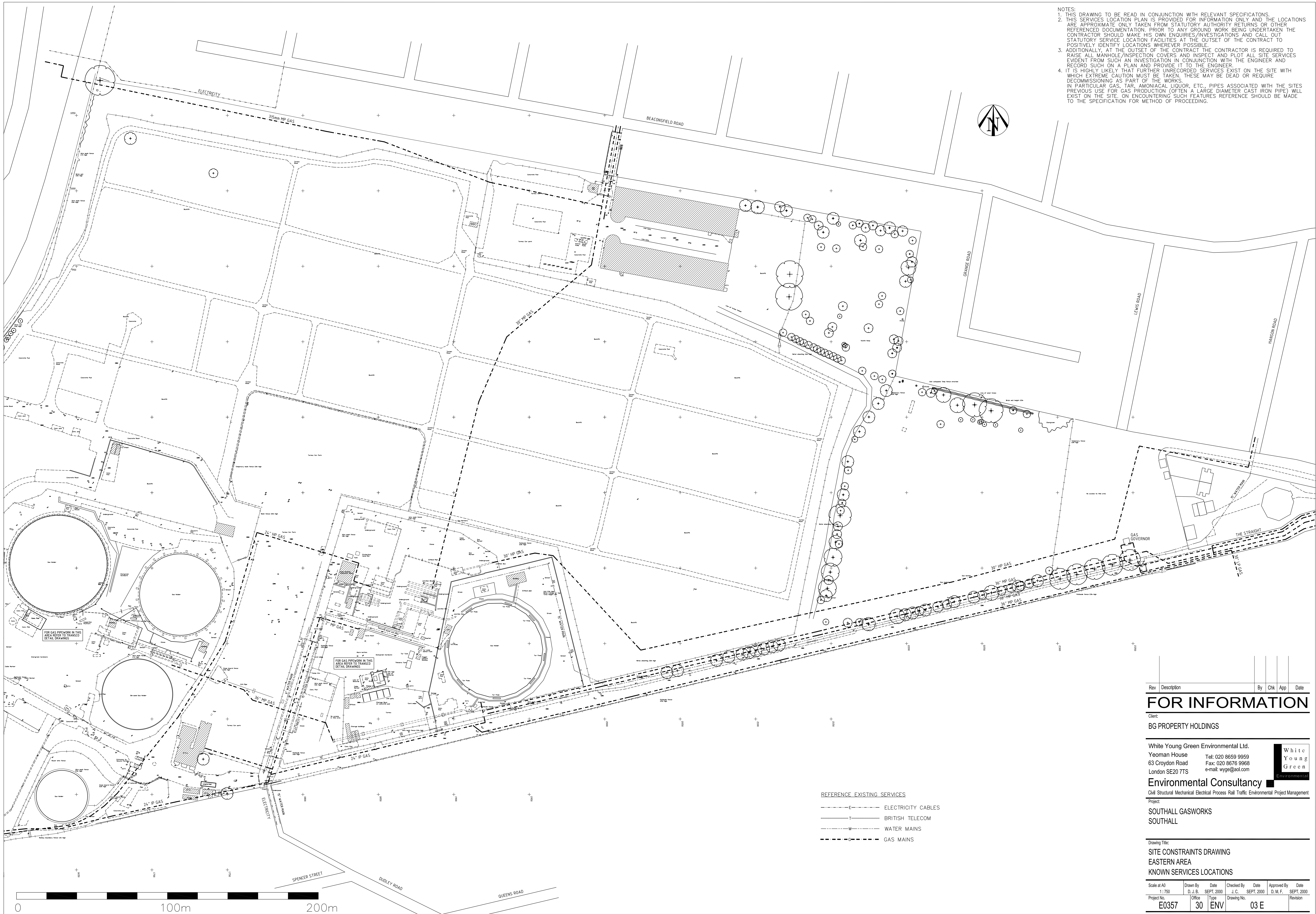
Project No.	Office	Type	Drawing No.	Revision
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E0357/JC	30	ENV	02 W	
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0 100m 200m

REFERENCE
4.0 APPROXIMATE LOCATION OF FORMER STRUCTURES



NOTES:
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2. ADDITIONALLY, AT THE OUTSET OF THE CONTRACT THE CONTRACTOR IS REQUIRED TO RAISE ALL MANHOLE/INSPECTION COVERS AND INSPECT AND PLOT ALL SITE SERVICES EVIDENT FROM SUCH AN INVESTIGATION IN CONJUNCTION WITH THE ENGINEER AND RECORD SUCH ON A PLAN AND PROVIDE IT TO THE ENGINEER.
3. IT IS HIGHLY LIKELY THAT FURTHER UNRECORDED SERVICES EXIST ON THE SITE WITH WHICH EXTREME CAUTION MUST BE TAKEN. THESE MAY BE DEAD OR REQUIRE DECOMMISSIONING AS PART OF THE WORKS.
4. IN PARTICULAR GAS, TAR, AMONACAL LIQUOR, ETC., PIPES ASSOCIATED WITH THE SITES PREVIOUS USE FOR GAS PRODUCTION (OFTEN A LARGE DIAMETER CAST IRON PIPE) WILL EXIST ON THE SITE. ON ENCOUNTERING SUCH FEATURES REFERENCE SHOULD BE MADE TO THE SPECIFICATION FOR METHOD OF PROCEEDING.

REFERENCE EXISTING SERVICES

- ELECTRICITY CABLES
- BRITISH TELECOM
- WATER MAINS
- GAS MAINS

Rev	Description	By	Chk	App	Date
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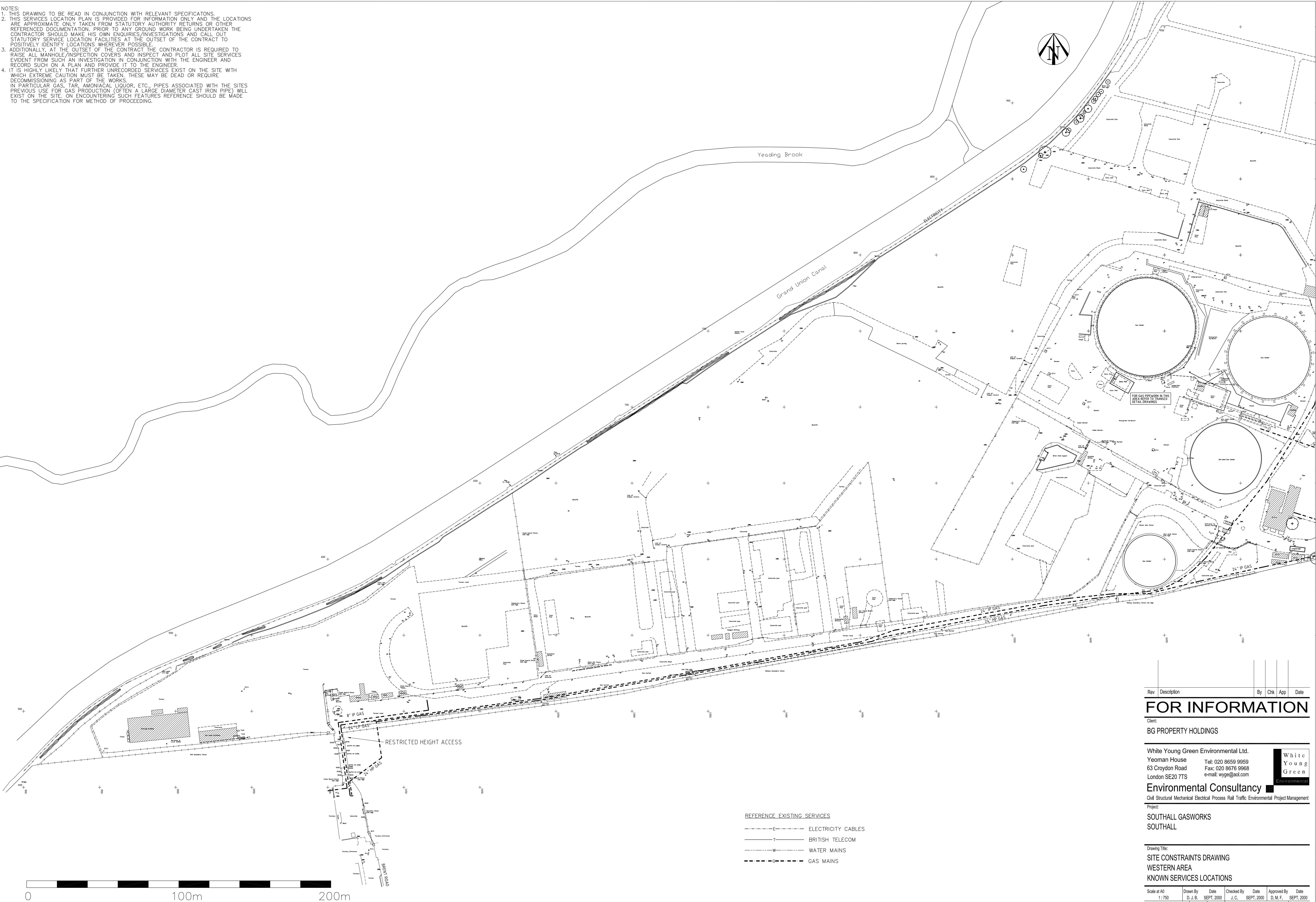
Civil Structural Mechanical Electrical Process Rail Traffic Environmental Project Management

Project:
SOUTHALL GASWORKS
SOUTHALL

Drawing Title:
SITE CONSTRAINTS DRAWING
EASTERN AREA
KNOWN SERVICES LOCATIONS

Scale at A0 1:750	Drawn By D. J. B.	Date SEPT. 2000	Checked By J. C.	Date SEPT. 2000	Approved By D. M. F.	Date SEPT. 2000
Project No. E0357	Office 30	Type ENV	Drawing No. 03 E	Revision		

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2. THIS SERVICES LOCATION PLAN IS PROVIDED FOR INFORMATION ONLY AND THE LOCATIONS ARE APPROXIMATE ONLY TAKEN FROM STATUTORY AUTHORITY RETURNS OR OTHER REFERENCED DOCUMENTATION. PRIOR TO ANY GROUND WORK BEING UNDERTAKEN THE CONTRACTOR SHOULD MAKE HIS OWN ENQUIRIES/INVESTIGATIONS AND CALL OUT STATUTORY SERVICE LOCATION FACILITIES AT THE OUTSET OF THE CONTRACT TO POSITIVELY IDENTIFY LOCATIONS WHEREVER POSSIBLE.
3. ADDITIONALLY, AT THE OUTSET OF THE CONTRACT THE CONTRACTOR IS REQUIRED TO RAISE ALL MANHOLE/INSPECTION COVERS AND INSPECT AND PLOT ALL SITE SERVICES EVIDENT FROM SUCH AN INVESTIGATION IN CONJUNCTION WITH THE ENGINEER AND RECORD SUCH ON A PLAN AND PROVIDE IT TO THE ENGINEER.
4. IT IS HIGHLY LIKELY THAT FURTHER UNRECORDED SERVICES EXIST ON THE SITE WITH WHICH EXTREME CAUTION MUST BE TAKEN. THESE MAY BE DEAD OR REQUIRE DECOMMISSIONING AS PART OF THE WORKS.
IN PARTICULAR GAS, TAR, AMONACAL LIQUOR, ETC., PIPES ASSOCIATED WITH THE SITES PREVIOUS USE FOR GAS PRODUCTION (OFTEN A LARGE DIAMETER CAST IRON PIPE) WILL EXIST ON THE SITE. ON ENCOUNTERING SUCH FEATURES REFERENCE SHOULD BE MADE TO THE SPECIFICATION FOR METHOD OF PROCEEDING.



Rev	Description	By	Chk	App	Date
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FOR INFORMATION

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Environmental Consultancy

Civil Structural Mechanical Electrical Process Rail Traffic Environmental Project Management

Project:
SOUTHALL GASWORKS
SOUTHALL

Drawing Title:
SITE CONSTRAINTS DRAWING
WESTERN AREA
KNOWN SERVICES LOCATIONS

Scale at A0	Drawn By	Date	Checked By	Date	Approved By	Date
1:750	D. J. B.	SEPT. 2000	J. C.	SEPT. 2000	D. M. F.	SEPT. 2000
Project No.	Office	Type	Drawing No.	Revision		
E0357/JC	30	ENV	03 W			