

ENVIRONMENTAL PROTECTION ACT 1990, Part I

The Environmental Protection (Prescribed Processes and Substances) Regulations 1991
 The Environmental Protection (Applications, Appeals and Registers) Regulations 1991

See Notes on pages 3 and
 4 before completing this
 form.

**APPLICATION FOR AUTHORISATION to carry out prescribed process
 under section 6 of the Environmental Protection Act 1990**

To(1) HUNTINGDONSHIRE DISTRICT Council

1 Name and address of applicant (2) (in the case of a registered Company, name, number and registered office)

BP EXPRESS SHOPPING LTD, CHERTSEY ROAD,
SUNBURY ON THAMES, MIDDX, TW16 7DP Tel.No. 01908 853398

2 Name and address of premises where process is or will be carried on (not applicable to mobile processes)

KATES CABIN CONNECT, GREAT NORTH ROAD
CHESTERTON, PETERBOROUGH PE7 3VJ Tel.No. N/A

3 In the case of mobile plant, name and address of the principal place of business

N/A Tel.No. N/A

4 Address for correspondence relating to the application

BP OIL UK LTD, ASSET DEVELOPMENT
WITAN GATE HOUSE 500/600 WITAN GATE, CENTRAL MILTON KEYNES

Contact name MS V MARKOVIC Tel.No. 01908 853000

5 List of maps or plans enclosed with the application showing the location of the premises where the process is or will be carried on.

TITLE	Reference No.
<u>PETROLEUM & LPG SERVICES PLAN</u>	<u>10643 40S</u>
<u>SITE LAYOUT PLAN (BLOCK PLAN)</u>	<u>10643 47A</u>
<u>SITE LOCATION PLAN</u>	<u>-</u>

Where the process is or will be carried on on only part of the premises whose address is given at 2 above, describe which part of the premises and list the plan(s) which identif(y)(ies) this part or these parts.

N/A

6 Describe the prescribed process (3) (use a continuation sheet if necessary)

VAPOUR RECOVERY STAGE 1B

7 When was the plant first installed?

Please also give the details and dates of any major modifications or improvements which have been carried out.

SYSTEM FABRICATED ON SITE DEC 2003 / JAN 2004

8 List the prescribed substances (and any other substances which might cause harm) used in connection with or which might be released into the air resulting from the prescribed process.⁽⁴⁾

PETROLEUM SPIRIT ULTIMATE UNLOADED & UNLOADED

9 Describe the techniques to be used for preventing releases into the air of substances listed above, for reducing such substances to a minimum and for rendering harmless any such substances that are released.⁽⁵⁾ (use a continuation sheet if necessary and attach drawings of plant and equipment, where appropriate)

STANDARD STAGE 1 B ABOVEGROUND VENT MANIFOLD WITH PRESSURE VAC VALVE & RETURN CONNECTION TO TANKER

10 Give details of the source, nature and amount of current and/or anticipated emissions to air from the process. (use a continuation sheet if necessary)

PETROL VAPOUR, SOURCE - UNDERGROUND TANKS AND VAPOUR RECOVERY. MINIMAL EMISSIONS FROM PUMP WHEN CUSTOMERS FUELLING.
AUTOMATIC DIP TESTING.

11 Give the assessment of the likely environmental consequences of the emissions to air. (use a continuation sheet if necessary)

12 What monitoring is or will be carried out of emissions to air?

13 What monitoring will be carried out of the environmental consequences of emissions to air?

14 How will you monitor the techniques described in the answer to question 9?

15 State how you will ensure that the objectives listed in section 7(2) of the Environmental Protection Act 1990 will be achieved and how the condition implied by section 7(4) of the Act will be complied with.⁽⁶⁾

16 If you have any proposals for improvements which might prevent or reduce emissions, please give details. *(use a continuation sheet if necessary)*

17 Give any other additional information which you would like to be taken into account by the local authority in considering your application.

Official guidance on the best available techniques not entailing excessive cost is published by the Department of the Environment in the process guidance notes for specific industries, copies of which are available from HMSO or can be ordered from certain bookshops. YOU ARE ADVISED TO CONSULT THE PROCESS GUIDANCE NOTE FOR YOUR INDUSTRY BEFORE COMPLETING THIS FORM. YOU MIGHT ALSO FIND IT USEFUL TO READ THE GENERAL GUIDANCE NOTE GG3.⁽⁷⁾

If you require any further information or assistance in completing this form, please contact your local Council at the address shown below.

Please complete the final section of this form on page 4 overleaf.

126.00
122.00
I enclose the fee of £ (8).
Cheques should be made payable to:

I HEREBY CERTIFY that all the information contained in this application is correct to the best of my knowledge and belief [and that I am authorised to sign on behalf of the Company].

Signature

Official title

Date

[Signature]

V. MARKOTIC - STORE LICENSING CO. ORDINATOR

2/4/04

Please complete and return this form together with FOUR copies of each of the plans listed in the reply to question 5 and the required fee to:

Tel.No. 01908 853398

NOTES

1 This is the local authority in whose area the prescribed process will be carried on, or in the case of mobile plant, the local authority in whose area the applicant has his principal place of business.

2 Please state the person/Company who is operating or will operate the process, not an agent who may be completing the application on the operator's behalf.

3 A list of prescribed processes for local authority control is given in **Appendix A**, which accompanies this form. Further advice can be obtained if necessary from the local authority.

4 A list of prescribed substances for release into the air is given in **Appendix B**, which accompanies this form. "Harm" includes offence to the senses or harm to property.

5 Please list fully all pollution control measures for all stages of the process, from the receipt of raw materials to the despatch of wastes and finished products, including, for example, the height and location of any stacks or vents; the abatement technology; process control and operational data; arrangements for maintenance; the extent of supervision; the relevant qualifications and experience of the workforce; staff training; and contingency plans for breakdowns and emergencies.

All calculations should be shown, particularly for the chimney height(s). Justification for the selection of a particular abatement option should be given.

6 Section 7(2) and 7(4) of the Environmental Protection Act 1990 requires every operator of a prescribed process to use the best available techniques not entailing excessive cost for -

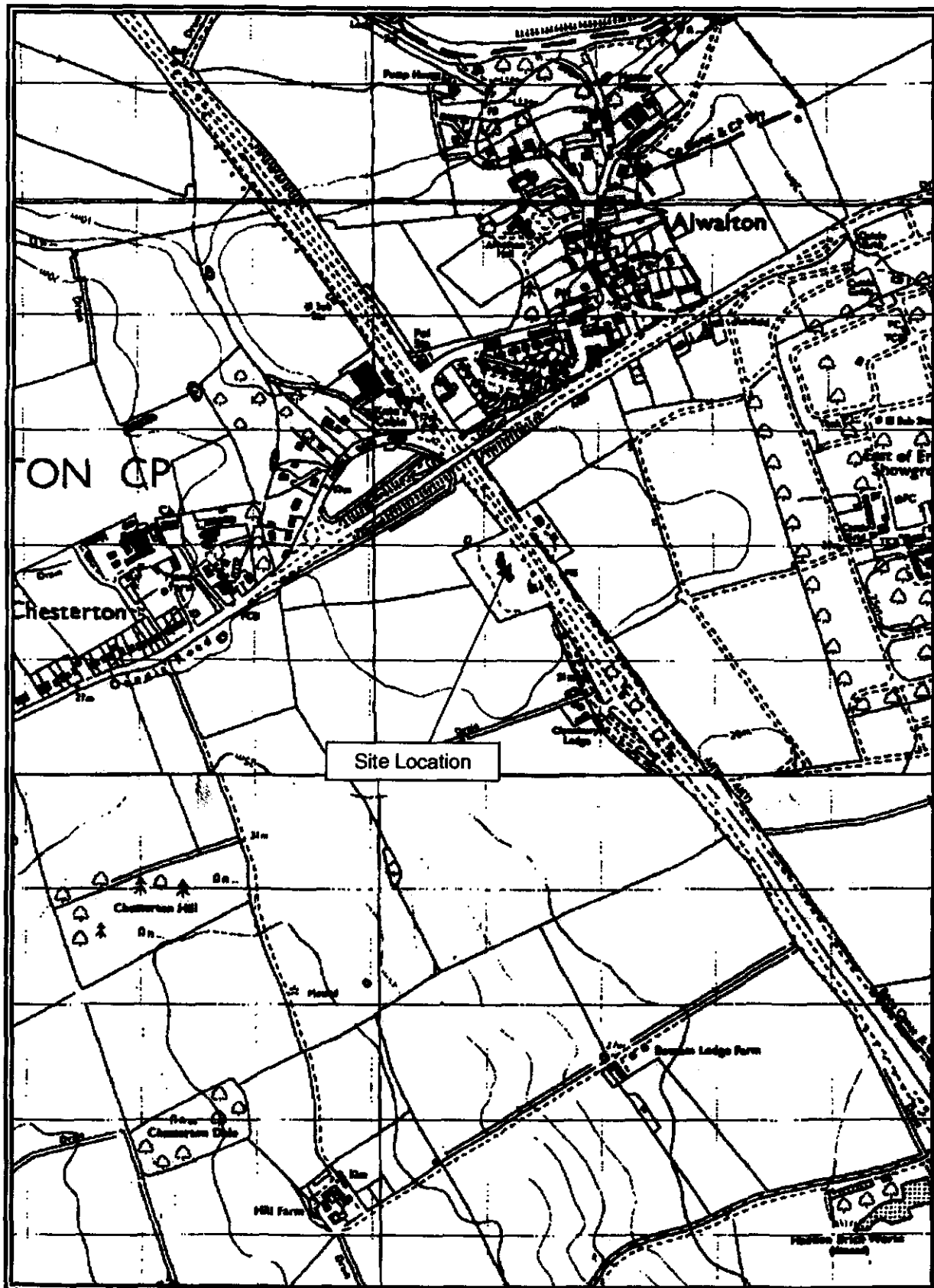
- (i) preventing the release of prescribed substances, or where that is not practicable, for reducing the release of such substances to a minimum and rendering them harmless; and
- (ii) rendering harmless any other substances which might be released.

7 Much of the information contained in the application form will be included in a register which the local authority is required to keep for public examination in accordance with section 20 of the Environmental Protection Act 1990 and the Environmental Protection (Applications, Appeals and Registers) Regulations 1991. Sections 21 and 22 provide for certain information (affecting national security, or commercial confidentiality) to be excluded from the register. Such information should be clearly identified in this application form.

- 8 £800 in the case of initial applications.
- £530 in the case of applications for a substantial change.
- £530 in the case of processes transferred from previous HMIP control.
- £100 for small waste oil burners.

£132 in the case of application for a petrol station

Site Assessment Report – Kate's Cabin, Great North Road, Peterborough



Ordnance Survey Map – 1984

NOTE THIS DRAWING WAS DRAFTED FOR DRESSER WAYNE DISPENSERS

H&S NOTE

Do not enter tank or LPG chambers after commissioning these may contain fuel vapour or Nitrogen gas which will cause asphyxiation

SEE Standard drawing for twin head LPG vessel installation & fuel line arrangements bp STD-FS006C

Wayne Dresser Apollo dispenser on canopy column with above ground hydraulics

Environ transfer chamber see details & critical base level

4 grade dispensers all islands

Line of canopy

Veeder Root sensors in transfer chambers

Transfer chambers

Pressure lines to dispensers from upper level in chamber

Pressure lines through lower half of chamber

Stage 2 return line

DRESSER WAYNE CRADLE

ULTIMATE DIESEL

Cable entry Power & data

Stage 2 vapour recovery

Cable entry available for handed transfer

Cradle must be level & square to canopy

Dispenser cradle

Vent Tower Detail NTS Illustrative see standard detail

HGV DIESEL location for single grade dispensers

Ensure vessel orientated correctly with fill chamber this end
Twin headed lpg vessel

Avoid unrelated services over LPG installation

LPG fill chamber & second head

Remove bollards

Support pipework on shingle filled bags to avoid backfalls or dips

NOTE
The as built alignment of LPG lines must be identified on the forecourt with marker tags

Environ double walled pressure lines

Ventilation ducts

Note This site does not benefit a future LPG dispenser location

Dispensers on canopy columns see standard detail drawing

LPG lines liquid & return

LPG stick dispenser see detail

Fresh air intake service duct

LPG sump see detail

Standard NO emitting sign

2" galvanneel steel lobby

Support post per frame from galvanneel sheet, & fittings

Standard NO emitting sign

Drop brace to frame

Trapped gas to draw return from

25mm dia manifold coupling to draw test & sampling

Static earth bonding to earth & support frame

Ground level

Environ flexible vents 2" diameter single wall orange

Draw radius avoid sharp

Stage to return line is for forward transfer steel & concrete draw off point

Sectional membrane

Sectional membrane

Sectional membrane

Sectional membrane

Sectional membrane

Sectional membrane

Sectional membrane

Sectional membrane

Sectional membrane

Sectional membrane

Sectional membrane

Pressure relief line to tower

LPG ventilation system

Establish which lid pressure relief pipework is to be laid as not annotated on current standard

Fresh air intake for LPG ventilation
Nitrogen cylinder

NOTE

Pressure lines to fall back to tanks at 25mm in 3m

All fuel lines to be enclosed in min 150 of pea shingle & placed into a geotextile membrane lined trench

Care must be taken when forming refuse area post holes not to damage fuel lines

Fuel lines are to be identified with grade & tank numbers in all chambers
Stage 2 to return to tank 1 ULG

LPG gauge cabinet

LPG gauge cabinet

LPG gauge cabinet

LPG gauge cabinet

LPG gauge cabinet

LPG gauge cabinet

LPG gauge cabinet

LPG gauge cabinet

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These drawings are evolved from design drawings prepared by BP Oil UK Ltd

PUMP & TANK SCHEDULE Pressure system

Tank No	Actual	Capacities Nominal	Working	Fuel Grade	1/2	3/4	5/6	7/8	9/10	11/12	13	14/15	16
T1	60384	60000	57730	Unleaded	●	●	●	●	●				
T2	45384	45000	43115	Unleaded	●	●	●	●	●				
T3	45384	45000	43115	Diesel	●	●	●	●	●				
T4	60384	60000	57730	Diesel	●	●	●	●	●				
T5	15384	15000	14615	Ultimate Diesel	●	●	●	●	●				
T6	15384	15000	14615	Ultimate Diesel	●	●	●	●	●				
T7	25000	21250	LPG	LPG						●			

Stage 2 to return to tank 1

Fibre-lite Standard Plus tank chambers

Observation wells

Note Tank farm to have Cathodic protection see details when available

Standard tank farm installation
4 number 60,000 litre vessels
Cookson & Zinn double skin steel construction with monitoring system controlled by gauge equipment

NOTE tank lid levels are critical see other drawings

Durapipe 4" offset fills

Syphon lines as standard drawings

See standard offset & vent tower drawing

Environ tank vents to stage 1b tower located at rear of proposed offset fills

Vents supported on goal post frame see detail

Above ground offset fills protected by 1.2m high concrete wall with brick band to rear

Aco drain across face of offsets

Transfer chamber to manifold diesel lines to each dispenser to incorporate VR sensor

Tanker standing area floodlight

Driver controlled delivery cabinet

Air & water unit on islands

Trif islands to protect dispensers

LEGEND

Double skin pressure lines

Environ 1.5"

● Submersible pumping unit

IST Intelligent sub turbine

STD Standard sub pump

Vent Line

Environ 2"

Offset Fill Line

Durapipe extra 4" (see detail for LPG)

Stage 2 V.R.

Environ 1.5"

LPG liquid line

LPG return

LPG ventilation duct Extract

LPG ventilation duct Supply

LPG Pressure relief line

S 19 11 03 LPG ventilation moved & HGV diesel sump rotated at JH request
R 12 11 03 HGV lines adapted to Environ requirements for transfer chamber
Q 06 10 03 Building type revised to current design
P 13 05 03 REDRAWN TO CURRENT REQUIREMENTS

Rev Date Revision

REVISION APPROVAL

OWNER NAME & SIGNATURE DATE

RETAIL A & D MGR

bp

BP OIL UK LTD Asset Development

Wilton Road, Peterborough, Cambridgeshire, PE1 1UA

500600 Wilton gate, Central Milton Keynes, UK

01908 953000 01908 953625

DRAWN: Ian Poulter 13 05 03

DESIGN CHECKS:

DATE:

APPROVED:

DATE:

AT-RISK CHECKS:

DATE:

SCALE: 1:100 @ A1

DIMENSIONS IN: mm-m

DO NOT SCALE

COMPILED BY BP OIL UK LTD, LOCAL OIL & PETROLEUM ENGINEERING, LOCAL OIL & PETROLEUM ENGINEERING, LOCAL OIL & PETROLEUM ENGINEERING

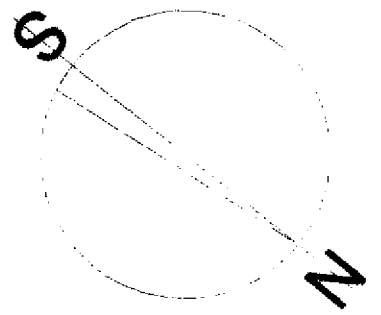
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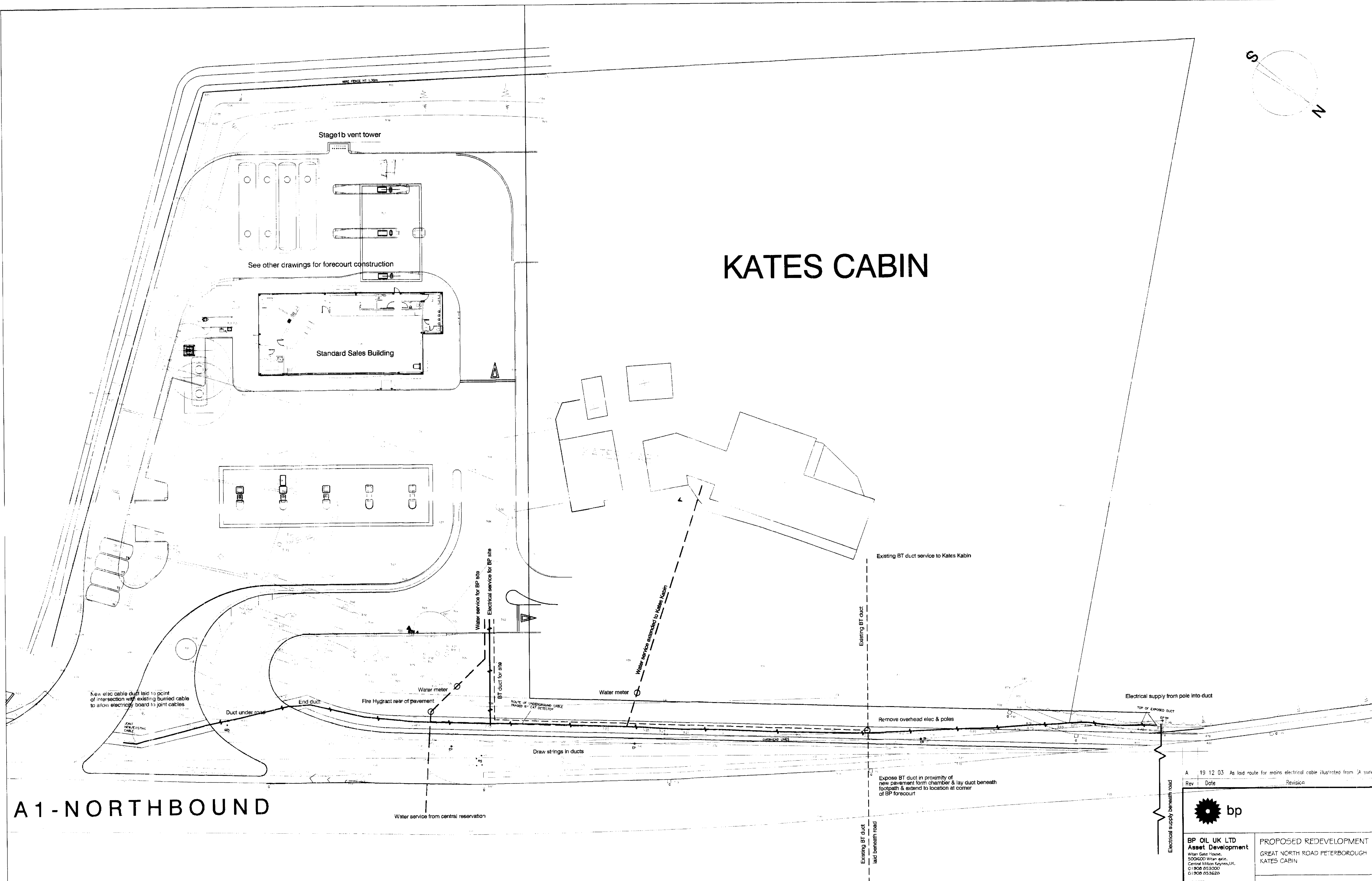
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KATES CABIN



A1 - NORTHBOUND

KATES CABIN SERVICE RUNS IN VERGE 1 : 250

This drawing to be read in conjunction with other construction plans

A 19 12 03 As laid route for mains electrical cable illustrated from 'A' survey

Rev	Date	Revision



BP OIL UK LTD
Asset Development
Wigan Gate House,
500600 Wigan area,
Central Milan Keynes, UK.
01 908 653000
01 908 653626

PROPOSED REDEVELOPMENT
GREAT NORTH ROAD PETERBOROUGH
KATES CABIN

Construction Drawings

FILE	DRAWING NO.	REV
	10643 47	A

DRAWN: Ian Poulter
DATE: 19 11 03
DESIGN CHECK:
DATE:
APPROVED:
DATE:
SCALE: 1:250 @ A1
CONSTRUCTION IN: mm-m
DO NOT SCALE

BLOCK PLAN with SERVICE REQUIREMENTS WITHIN PAVEMENT

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