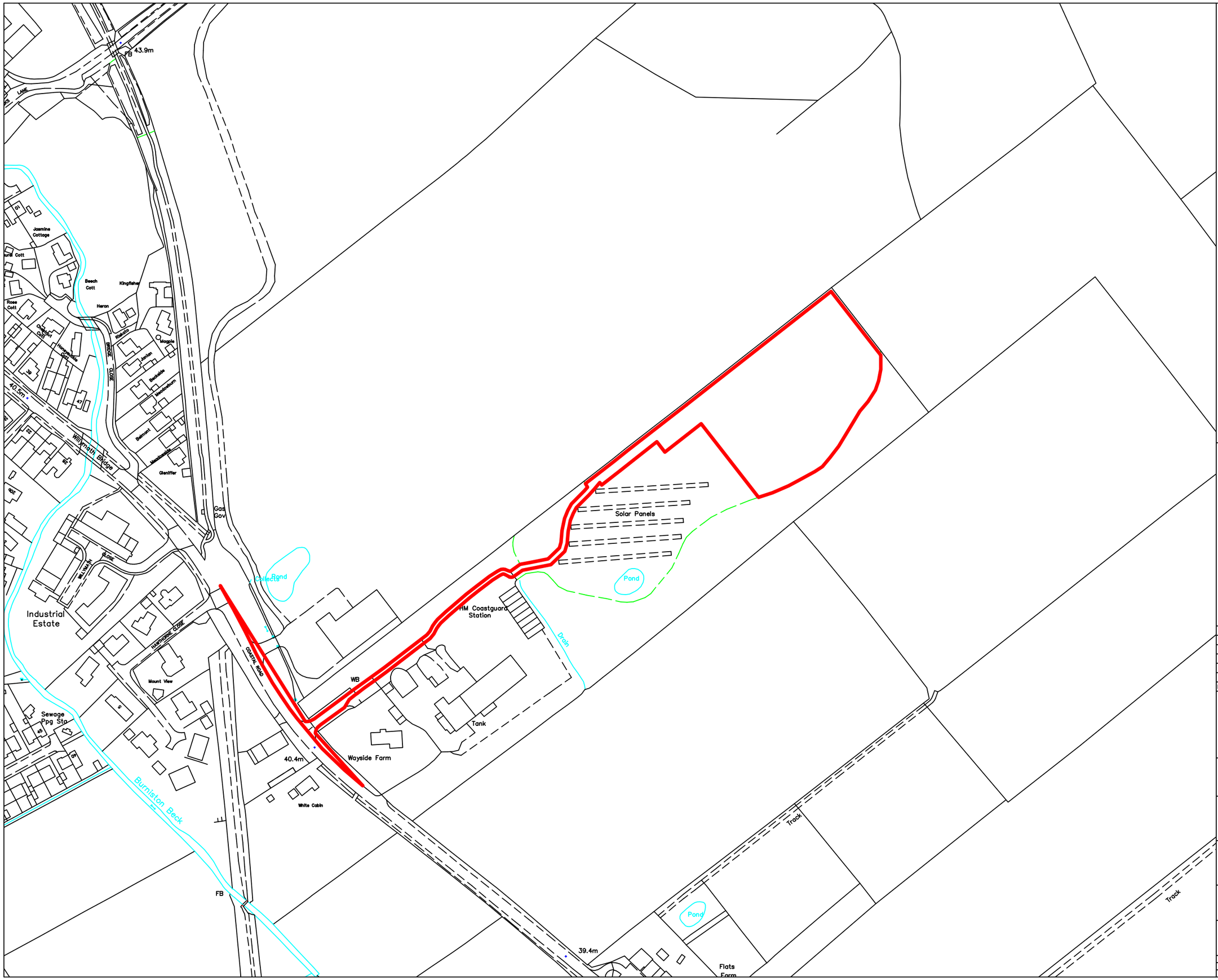


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LICENCE No. 100022432

N

KEY:

PLANNING APPLICATION BOUNDARY

WATER FEATURES (PONDS, DRAINS)

EDGE OF TREE LINE

NOTES:

REVISION HISTORY				
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0	FEB25	JF	FIRST ISSUE	JF
REV	DATE	BY	DETAILS	APR

ZETLAND GROUP
FROM CONCEPTION TO COMPLETION

ZETLAND GROUP LIMITED
THE INNOVATION CENTRE, KIRKLEATHAM BUSINESS PARK, REDCAR, TS10 5SH
T: +44(0)1642 777726 E: info@zetlandgroup.com W: www.zetlandgroup.com
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SITE: CLOUGHTON WELLSITE, BURNISTON, NORTH YORKSHIRE

PROJECT: APPLICATION FOR PLANNING PERMISSION

TITLE: LOCATION PLAN (SITE OF APPLICATION)

CLIENT: EUROPA OIL & GAS LIMITED

Scale:	1:2,500
Size:	A3
Sheet:	1 of 1

DWG. No: ZG-EOG-CLTN-PA-01

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KEY:

PLANNING APPLICATION BOUNDARY

BOREHOLE ZONE OF DEVIATION

POTENTIAL AREA OF HYDROCARBON

NOTES:

REVISION HISTORY				
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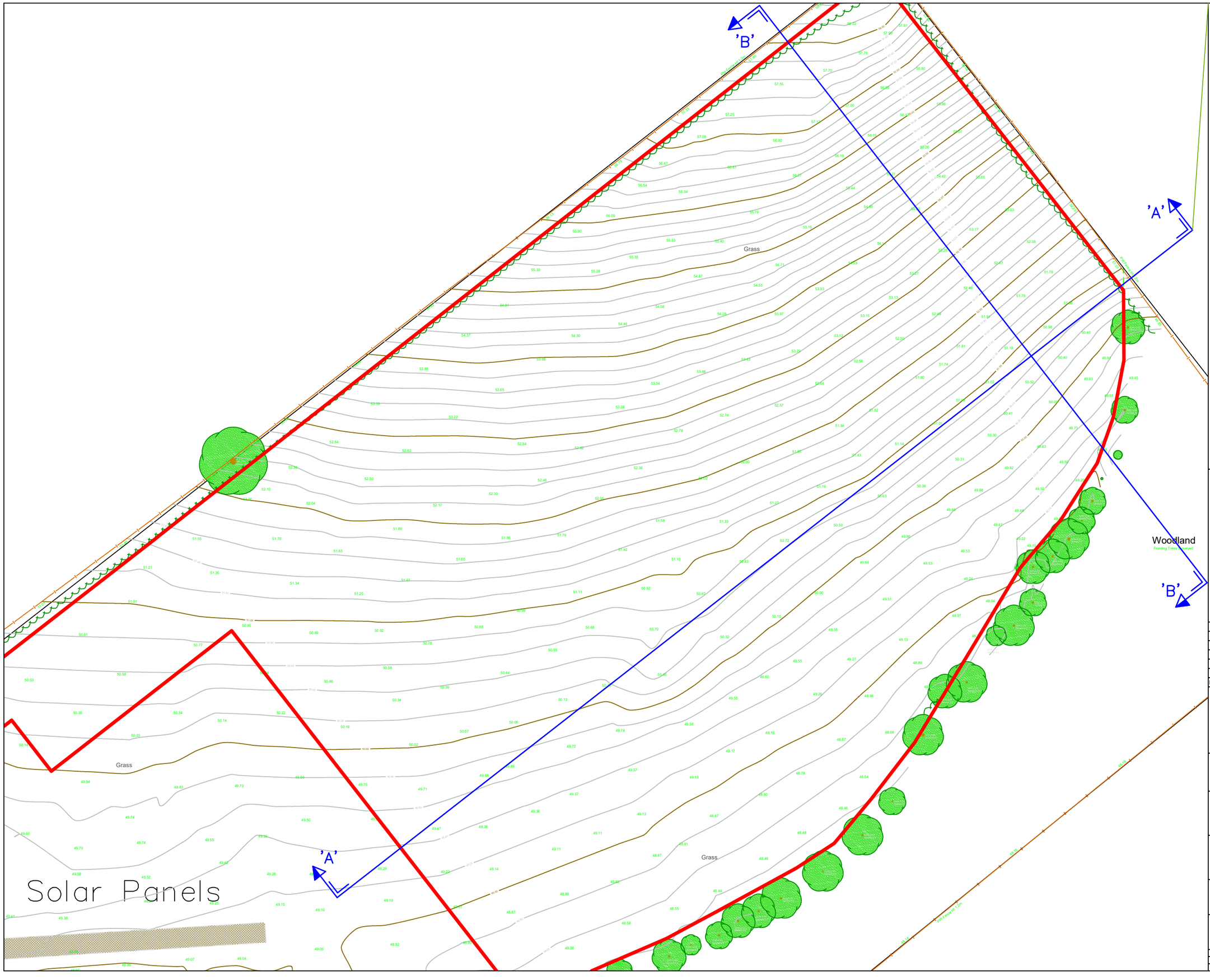
SITE: CLOUGHTON WELLSITE, BURNISTON, NORTH YORKSHIRE

PROJECT: APPLICATION FOR PLANNING PERMISSION

TITLE: POTENTIAL AREA OF HYDROCARBON

CLIENT: EUROPA OIL & GAS LIMITED

Scale:	1:25,000	DWG. No: ZG-EOG-CLTN-PA-18
Size:	A3	
Sheet:	1 of 1	



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N

KEY:

PLANNING APPLICATION BOUNDARY

1m CONTOURS

0.2m CONTOURS

HEDGEROW

TREE

NOTES:

CROSS-SECTION VIEW DETAILS INDICATED BY THE DIRECTION THE ARROWS ARE FACING, FROM POINT 'A' TO POINT 'A', AS SHOWN BELOW:

'A' 'A'

FOR SECTION DETAILS, REFER TO PLAN NO: ZG-EOG-CLTN-PA-04

TOPOGRAPHIC SURVEY ACQUIRED 16TH SEPTEMBER 2024.

REVISION HISTORY				
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0	FEB25	JF	FIRST ISSUE	JF
REV	DATE	BY	DETAILS	APR

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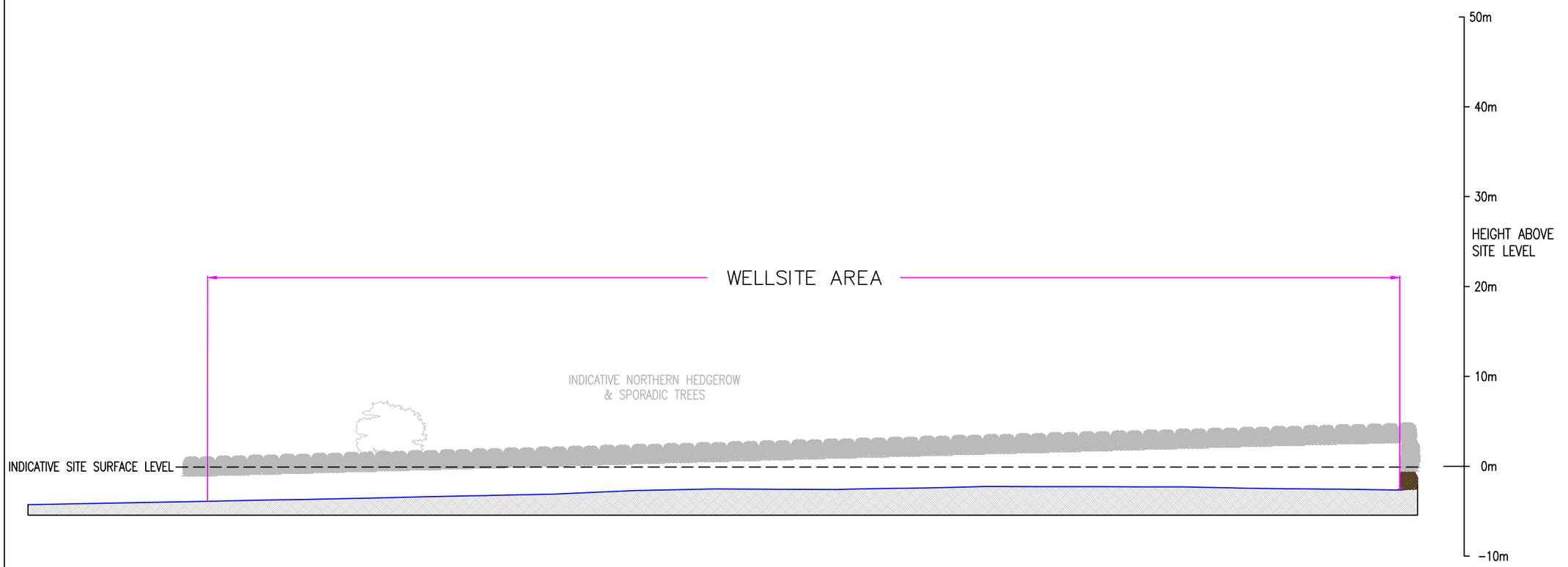
PROJECT: APPLICATION FOR PLANNING PERMISSION

TITLE: SITE LAYOUT PLAN - EXISTING SITE

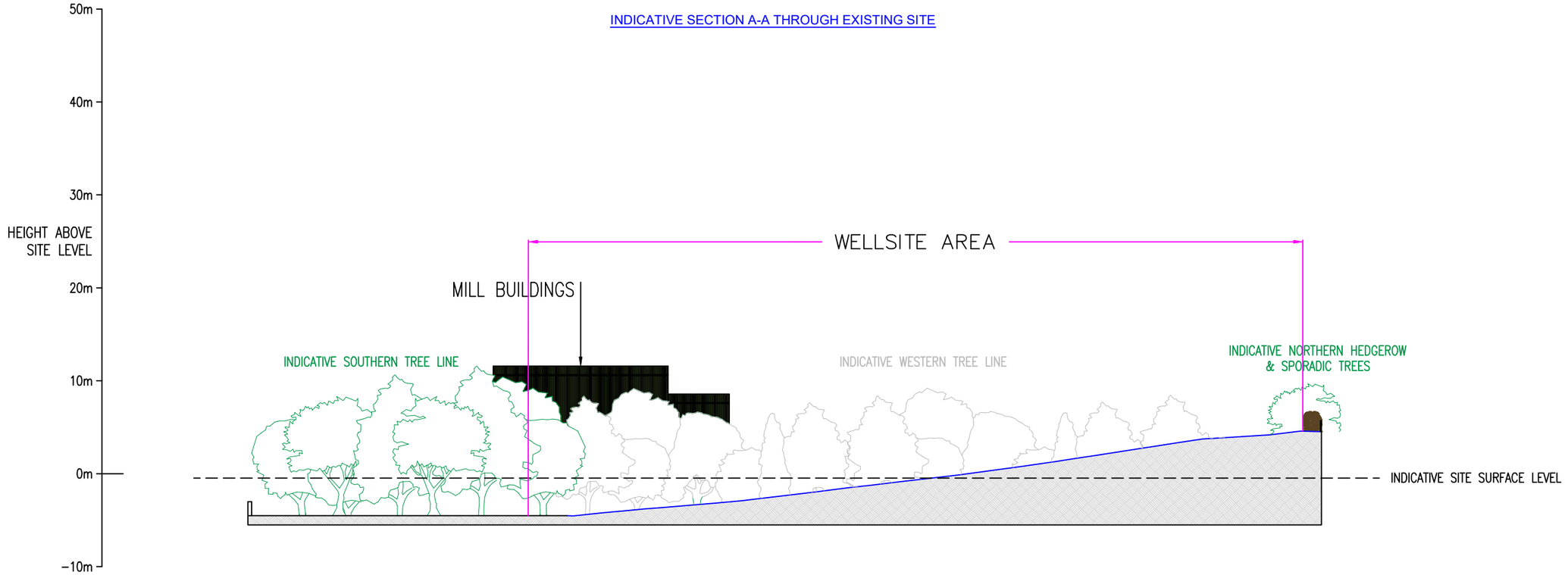
CLIENT: EUROPA OIL & GAS LIMITED

Scale:	1:500
Size:	A3
Sheet:	1 of 1

DWG. No: ZG-EOG-CLTN-PA-03



INDICATIVE SECTION A-A THROUGH EXISTING SITE



INDICATIVE SECTION B-B THROUGH EXISTING SITE

0 5m 10m 20m 30m 40m 50m

SCALE IN METRES 1:500

KEY:

NOTES:

SECTIONS DERIVED FROM TOPOGRAPHIC SURVEY ACQUIRED 16TH SEPTEMBER 2024.

FOR LAYOUT DETAILS, REFER TO PLAN NO. ZG-EOG-CLTN-PA-03

REVISION HISTORY				
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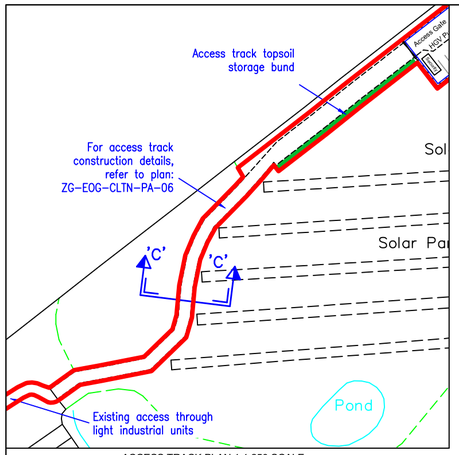
PROJECT: APPLICATION FOR PLANNING PERMISSION

TITLE: INDICATIVE SECTION PLAN - EXISTING SITE

CLIENT: EUROPA OIL & GAS LIMITED

Scale:	1:500
Size:	A3
Sheet:	1 of 1

DWG. No: ZG-EOG-CLTN-PA-04



ACCESS TRACK PLAN 1:1,250 SCALE

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KEY:

- PLANNING APPLICATION BOUNDARY
- CUT BATTER
- FILL BATTER
- PERIMETER CONTAINMENT DITCH
- SECURITY FENCING
- GROUNDWATER MONITORING BOREHOLES (GWMBH)
- TREE ROOT PROTECTION FENCE
- EDGE OF TREE LINE

NOTES:

CROSS-SECTION VIEW DETAILS INDICATED BY THE DIRECTION THE ARROWS ARE FACING, FROM POINT 'A' TO POINT 'A', AS SHOWN BELOW:

'A' 'A'

FOR SECTION DETAILS, REFER TO PLAN NO: ZG-EOG-CLTN-PA-06

REVISION HISTORY

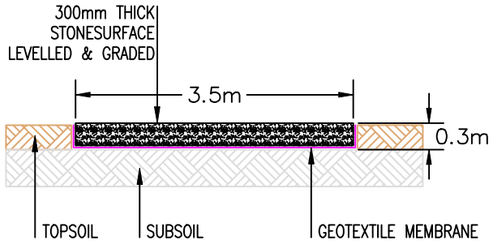
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SITE:	CLOUGHTON WELLSITE, BURNISTON, NORTH YORKSHIRE
PROJECT:	APPLICATION FOR PLANNING PERMISSION
TITLE:	SITE LAYOUT PLAN - INDICATIVE CONSTRUCTION PHASE
CLIENT:	EUROPA OIL & GAS LIMITED

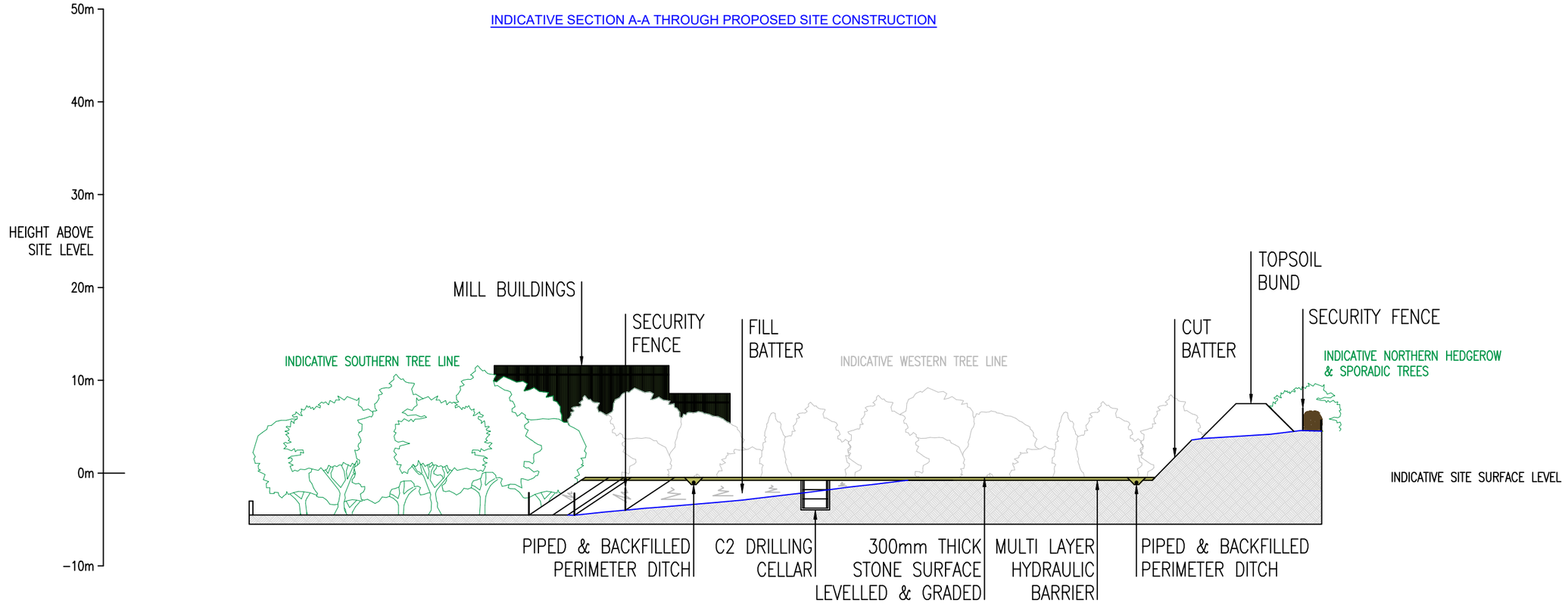
Scale:	1:500	DWG. No:	ZG-EOG-CLTN-PA-05
Size:	A2		
Sheet:	1 of 1		



INDICATIVE SECTION C-C

WELLSITE ACCESS TRACK CONSTRUCTION DETAILS 1:75 SCALE

INDICATIVE SECTION A-A THROUGH PROPOSED SITE CONSTRUCTION



INDICATIVE SECTION B-B THROUGH PROPOSED SITE CONSTRUCTION



SCALE IN METRES 1:500

KEY:

ABBREVIATIONS:

C2: CLOUGHTON 2 APPRAISAL BOREHOLE

NOTES:

FOR LAYOUT DETAILS, REFER TO PLAN NO. ZG-EOG-CLTN-PA-05

REVISION HISTORY

REV	DATE	BY	DETAILS	APR
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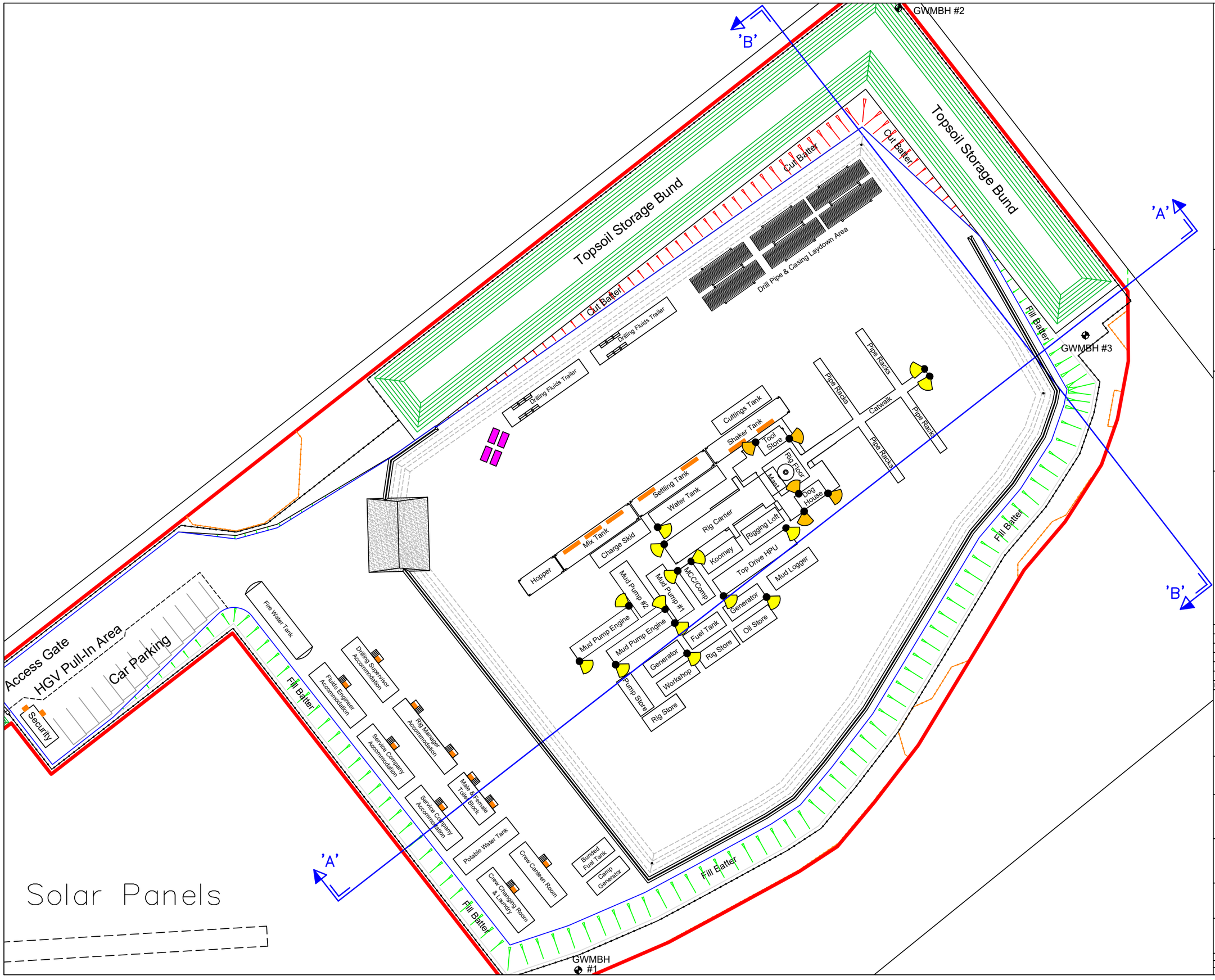
PROJECT: APPLICATION FOR PLANNING PERMISSION

TITLE: INDICATIVE SECTION PLAN - PROPOSED SITE CONSTRUCTION

CLIENT: EUROPA OIL & GAS LIMITED

Scale:	1:500
Size:	A3
Sheet:	1 of 1

DWG. No: ZG-EOG-CLTN-PA-06



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KEY:

- PLANNING APPLICATION BOUNDARY
- CUT BATTER
- FILL BATTER
- PERIMETER CONTAINMENT DITCH
- SECURITY FENCING
- GROUNDWATER MONITORING BOREHOLES (GWMBH)
- TREE ROOT PROTECTION FENCE

LIGHTING DETAILS:

- LXFL20WBV2 (1 X 20W / 1613 ml)
- DRILLING RIG 300W LED FLOODLIGHT
- DRILLING RIG 212W HIGH BAY FLOODLIGHT
- DRILLING RIG 75W LINEAR LED
- MOBILE LIGHTING TOWER 4 X 300W LED (OR SIMILAR SPECIFICATION)

ABBREVIATIONS:

HPU: HYDRAULIC POWER UNIT
KOOMEY: ACCUMULATOR
V-DOOR: RAMP FROM CATWALK TO RIG FLOOR

NOTES:

CROSS-SECTION VIEW DETAILS INDICATED BY THE DIRECTION THE ARROWS ARE FACING, FROM POINT 'A' TO POINT 'A', AS SHOWN BELOW:

'A' 'A'

FOR SECTION DETAILS, REFER TO PLAN NO: ZG-EOG-CLTN-PA-08

REVISION HISTORY

REV	DATE	BY	DETAILS	APR
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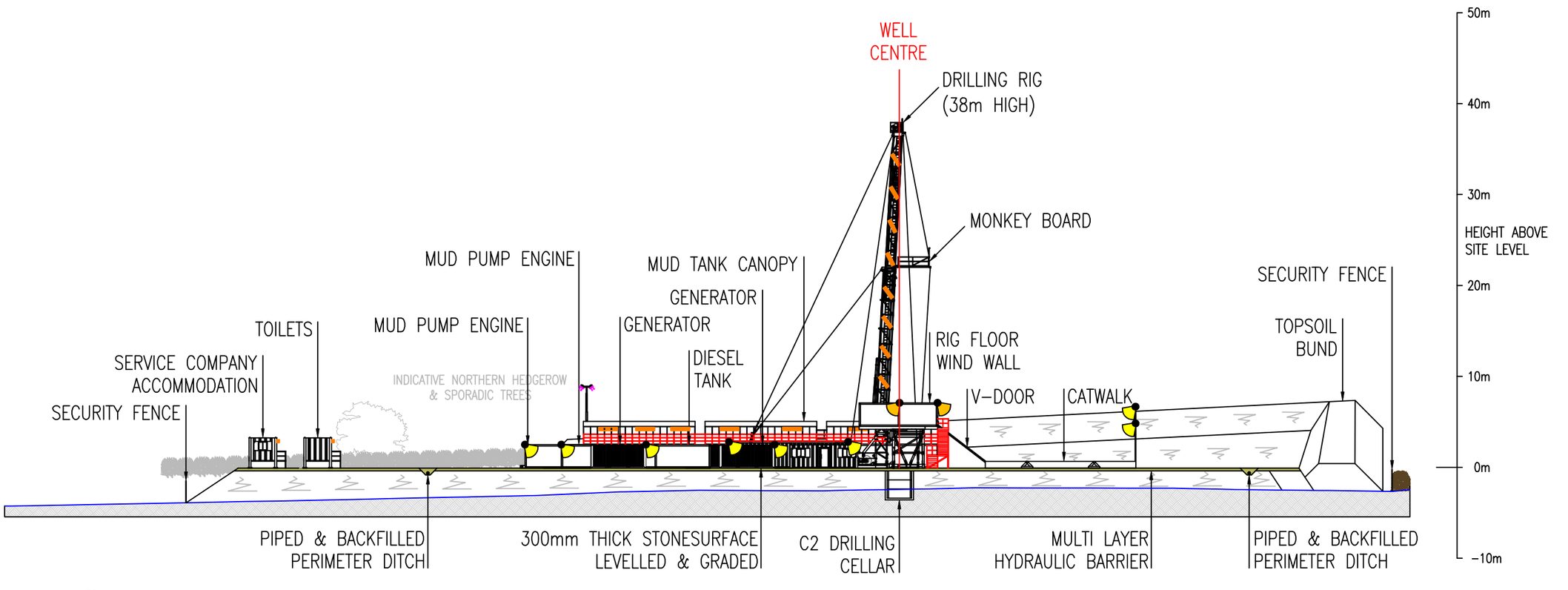
PROJECT: APPLICATION FOR PLANNING PERMISSION

TITLE: SITE LAYOUT PLAN - INDICATIVE DRILLING PHASE

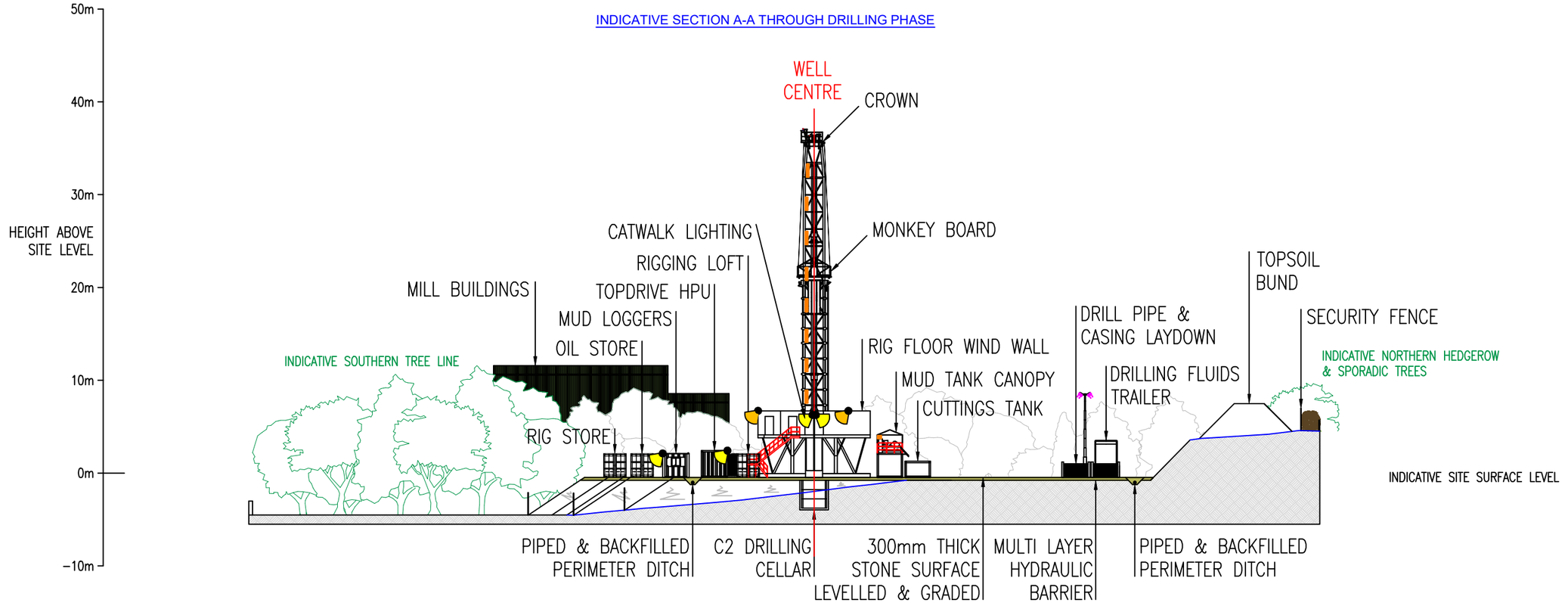
CLIENT: EUROPA OIL & GAS LIMITED

Scale:	1:500
Size:	A3
Sheet:	1 of 1

DWG. No: ZG-EOG-CLTN-PA-07



INDICATIVE SECTION A-A THROUGH DRILLING PHASE



INDICATIVE SECTION B-B THROUGH DRILLING PHASE

0 5m 10m 20m 30m 40m 50m

SCALE IN METRES 1:500

KEY:

LIGHTING DETAILS:

LXFL20WBV2 (1 X 20W / 1613 ml)

DRILLING RIG 300W LED FLOODLIGHT

DRILLING RIG 212W HIGH BAY FLOODLIGHT

DRILLING RIG 75W LINEAR LED

MOBILE LIGHTING TOWER 4 X 300W LED (OR SIMILAR SPECIFICATION)

ABBREVIATIONS:

C2: CLOUGHTON 2 APPRAISAL BOREHOLE
HPU: HYDRAULIC POWER UNIT
V-DOOR: RAMP FROM CATWALK TO RIG FLOOR

NOTES:

FOR LAYOUT DETAILS, REFER TO PLAN NO. ZG-EOG-CLTN-PA-07

REVISION HISTORY				
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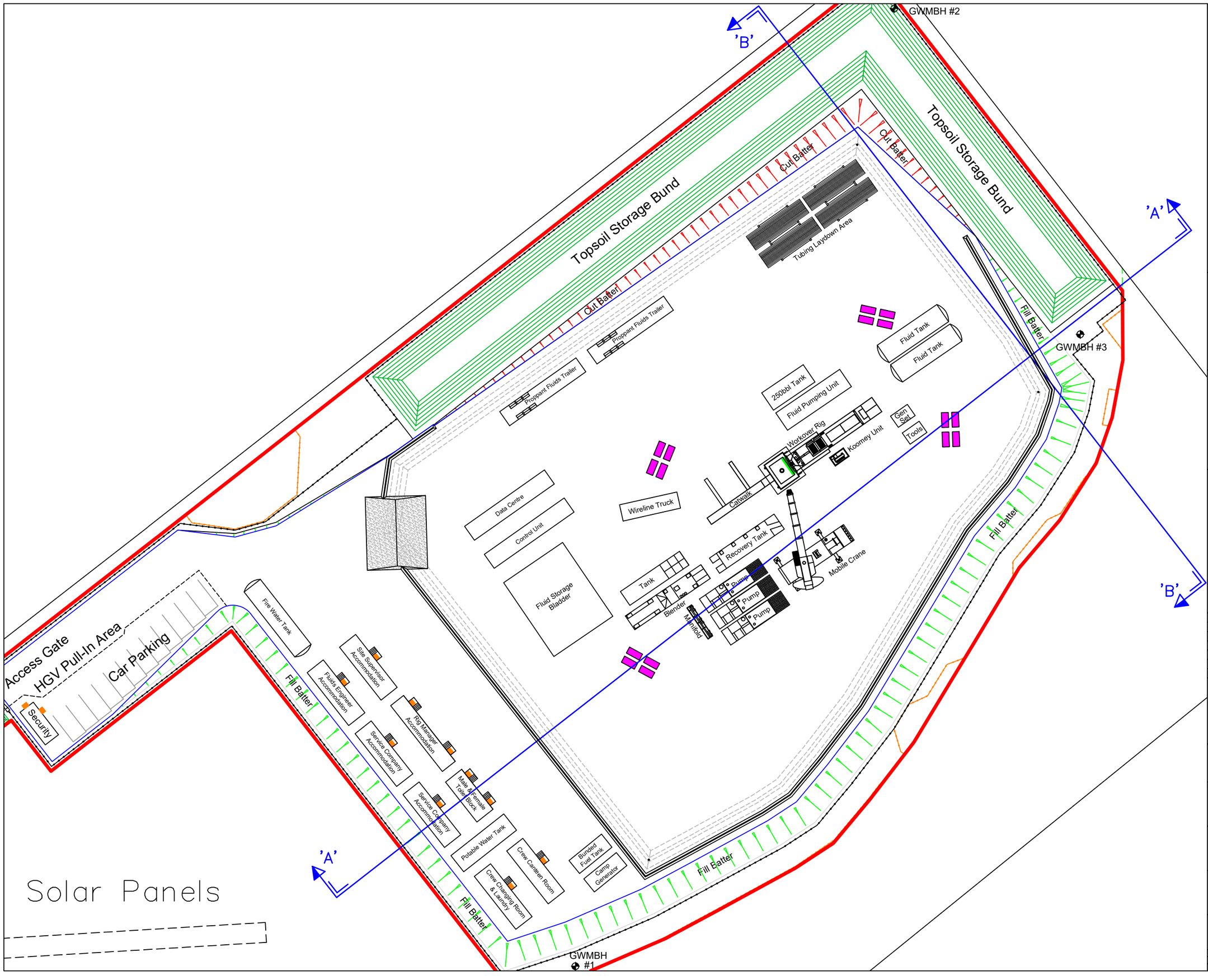
PROJECT: APPLICATION FOR PLANNING PERMISSION

TITLE: INDICATIVE SECTION PLAN - DRILLING PHASE

CLIENT: EUROPA OIL & GAS LIMITED

Scale:	1:500
Size:	A3
Sheet:	1 of 1

DWG. No: ZG-EOG-CLTN-PA-08



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KEY:

- PLANNING APPLICATION BOUNDARY
- CUT BATTER
- FILL BATTER
- PERIMETER CONTAINMENT DITCH
- SECURITY FENCING
- GROUNDWATER MONITORING BOREHOLES (GWMBH)
- TREE ROOT PROTECTION FENCE

LIGHTING DETAILS:

- LXFL20WBV2 (1 X 20W / 1613 ml)
- WORKOVER RIG EXTERNAL EX LINEAR FLUORESCENT (CEAG 2 X 36W 3350 LUMENS)
- MOBILE LIGHTING TOWER 4 X 300W LED (OR SIMILAR SPECIFICATION)

ABBREVIATIONS:

bbl:	BARRELS (147 LITRES)
GEN SET:	GENERATOR
KOOMEY:	ACCUMULATOR
TOOLS:	TOOL STORE

NOTES:

CROSS-SECTION VIEW DETAILS INDICATED BY THE DIRECTION THE ARROWS ARE FACING, FROM POINT 'A' TO POINT 'A', AS SHOWN BELOW:

'A' 'A'

FOR SECTION DETAILS, REFER TO PLAN NO: ZG-EOG-CLTN-PA-10

REVISION HISTORY

REV	DATE	BY	DETAILS	APR
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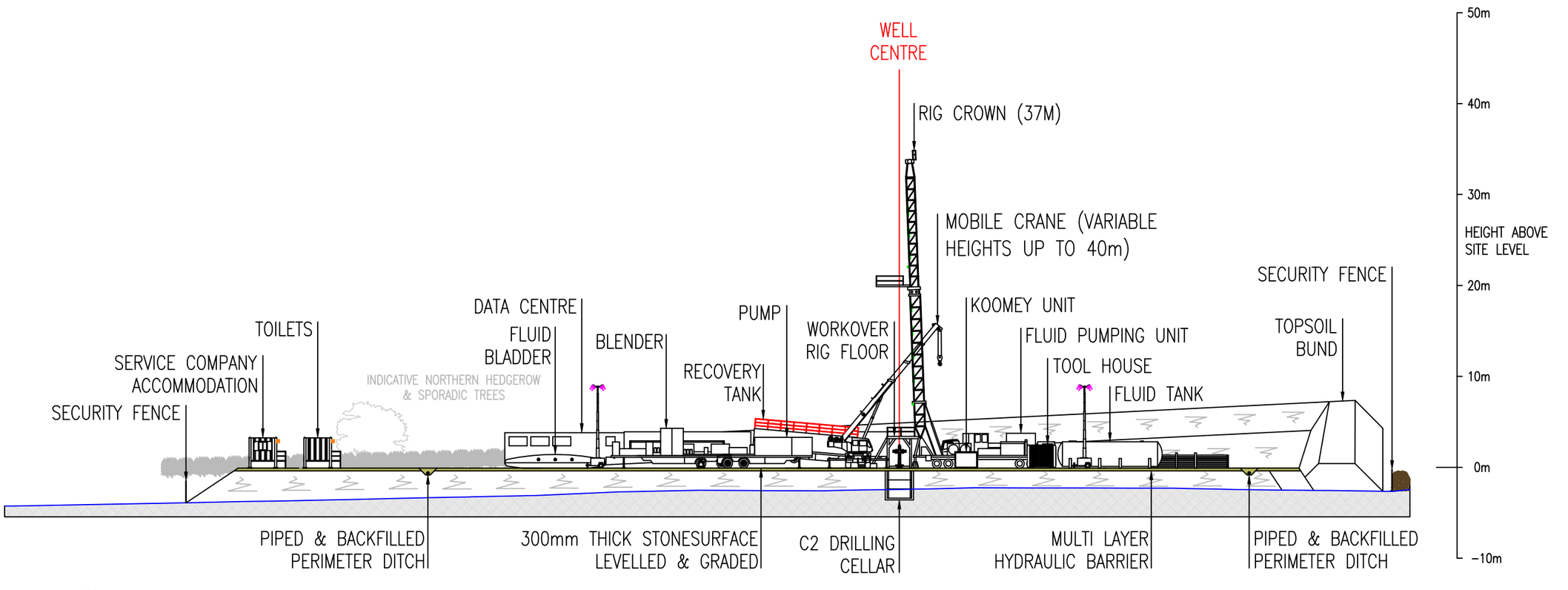
PROJECT: APPLICATION FOR PLANNING PERMISSION

TITLE: SITE LAYOUT PLAN - INDICATIVE PROPPANT SQUEEZE PHASE WITH WORKOVER RIG

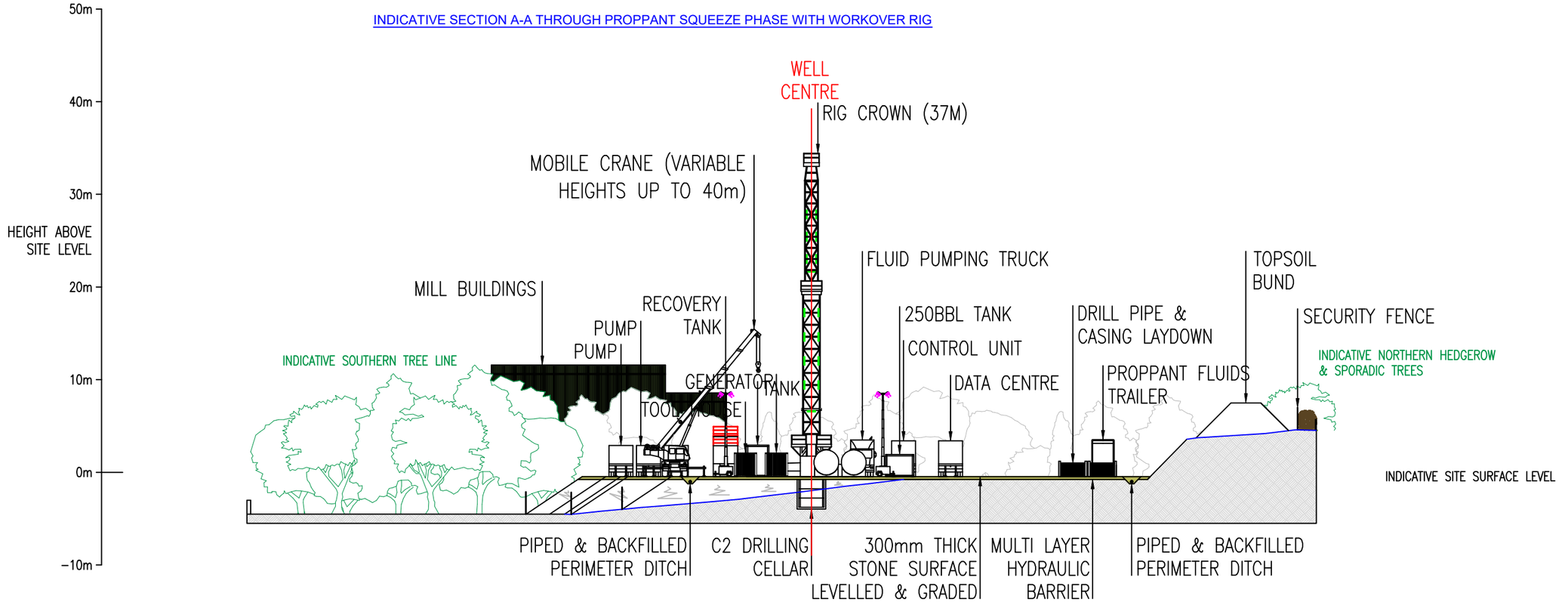
CLIENT: EUROPA OIL & GAS LIMITED

Scale:	1:500
Size:	A3
Sheet:	1 of 1

DWG. No: ZG-EOG-CLTN-PA-09



INDICATIVE SECTION A-A THROUGH PROPPANT SQUEEZE PHASE WITH WORKOVER RIG



INDICATIVE SECTION B-B THROUGH PROPPANT SQUEEZE PHASE WITH WORKOVER RIG

0 5m 10m 20m 30m 40m 50m

SCALE IN METRES 1:500

KEY:

LIGHTING DETAILS:

LXFL20WBV2 (1 X 20W / 1613 ml)

WORKOVER RIG EXTERNAL EX LINEAR FLUORESCENT (CEAG 2 X 36W 3350 LUMENS)

MOBILE LIGHTING TOWER 4 X 300W LED (OR SIMILAR SPECIFICATION)

ABBREVIATIONS:

BBL:	BARRELS (159 LITRES)
C2:	CLOUGHTON 2 APPRAISAL BOREHOLE
KOOMEY:	ACCUMULATOR

NOTES:

FOR LAYOUT DETAILS, REFER TO PLAN NO. ZG-EOG-CLTN-PA-09

REVISION HISTORY

REV	DATE	BY	DETAILS	APR
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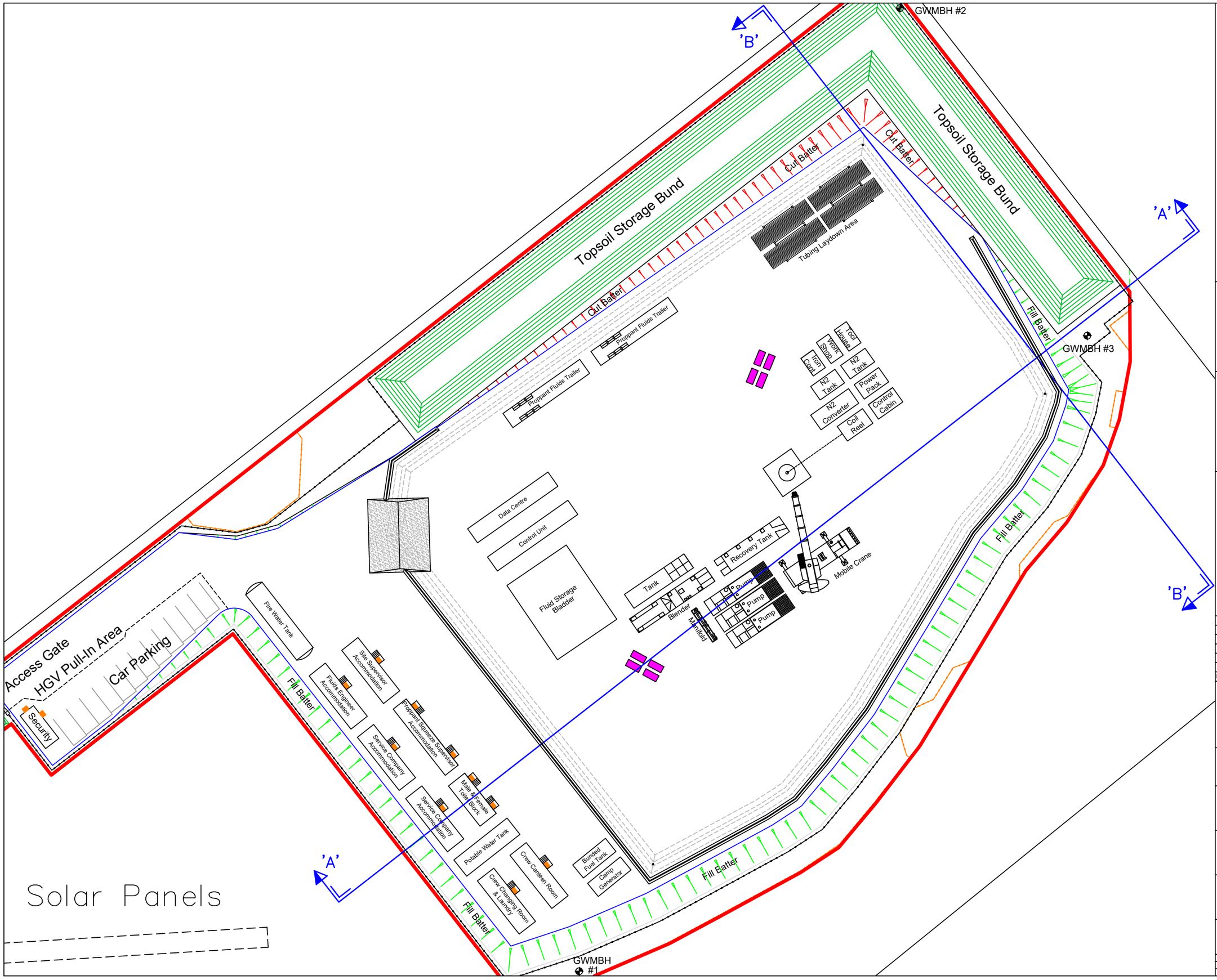
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SITE:	CLOUGHTON WELLSITE, BURNISTON, NORTH YORKSHIRE
PROJECT:	APPLICATION FOR PLANNING PERMISSION
TITLE:	INDICATIVE SECTION PLAN - PROPPANT SQUEEZE PHASE WITH WORKOVER RIG
CLIENT:	EUROPA OIL & GAS LIMITED

Scale:	1:500
Size:	A3
Sheet:	1 of 1

DWG. No: ZG-EOG-CLTN-PA-10



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KEY:

- PLANNING APPLICATION BOUNDARY
- CUT BATTER
- FILL BATTER
- PERIMETER CONTAINMENT DITCH
- SECURITY FENCING
- GROUNDWATER MONITORING BOREHOLES (GWMBH)
- TREE ROOT PROTECTION FENCE

LIGHTING DETAILS:

- LXFL20WBV2 (1 X 20W / 1613 ml)
- MOBILE LIGHTING TOWER 4 X 300W LED (OR SIMILAR SPECIFICATION)

ABBREVIATIONS:

N2:	NITROGEN
CONT.:	CONTAINER

NOTES:

CROSS-SECTION VIEW DETAILS INDICATED BY THE DIRECTION THE ARROWS ARE FACING, FROM POINT 'A' TO POINT 'A', AS SHOWN BELOW:

'A' 'A'

FOR SECTION DETAILS, REFER TO PLAN NO: ZG-EOG-CLTN-PA-12

REVISION HISTORY

REV	DATE	BY	DETAILS	APR
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0	FEB25	JF	FIRST ISSUE	JF

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SITE: CLOUGHTON WELLSITE, BURNISTON, NORTH YORKSHIRE

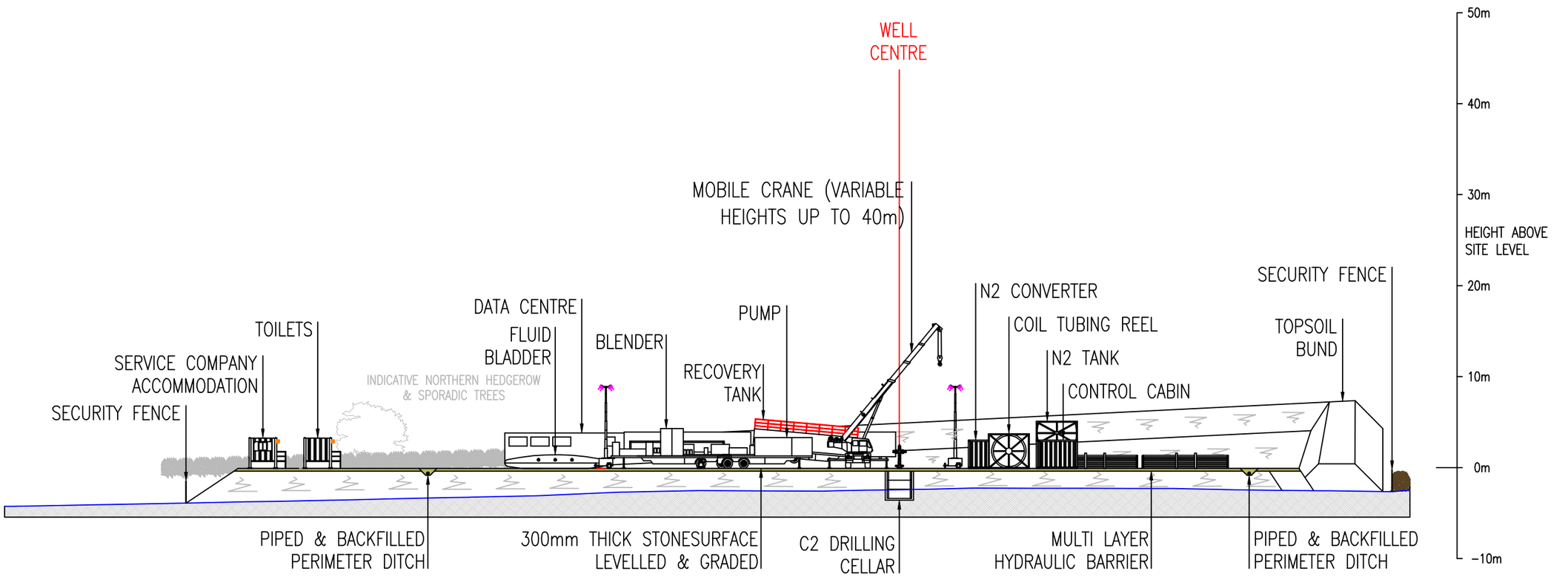
PROJECT: APPLICATION FOR PLANNING PERMISSION

TITLE: SITE LAYOUT PLAN - INDICATIVE PROPPANT SQUEEZE PHASE WITH COIL TUBING UNIT

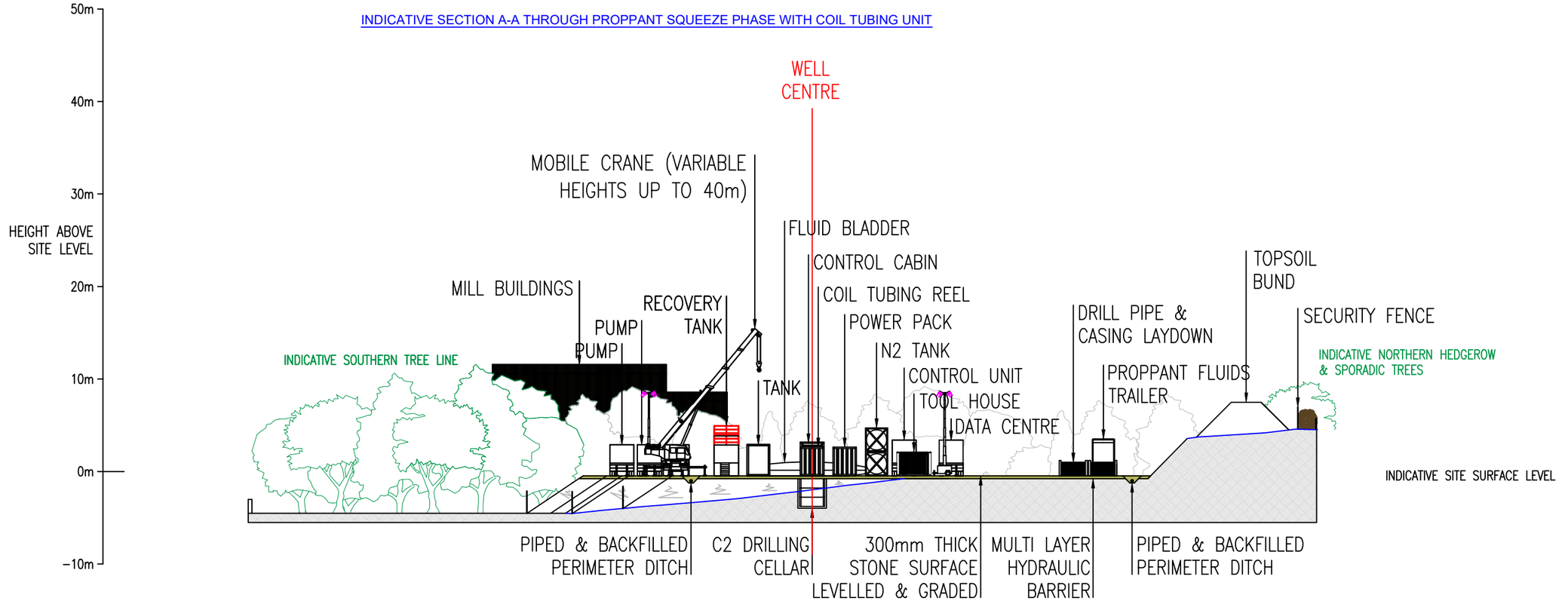
CLIENT: EUROPA OIL & GAS LIMITED

Scale:	1:500
Size:	A3
Sheet:	1 of 1

DWG. No: ZG-EOG-CLTN-PA-11



INDICATIVE SECTION A-A THROUGH PROPPANT SQUEEZE PHASE WITH COIL TUBING UNIT



INDICATIVE SECTION B-B THROUGH PROPPANT SQUEEZE PHASE WITH COIL TUBING UNIT

0 5m 10m 20m 30m 40m 50m

SCALE IN METRES 1:500

KEY:

LIGHTING DETAILS:

LXFL20WBV2 (1 X 20W / 1613 ml)

MOBILE LIGHTING TOWER 4 X 300W LED (OR SIMILAR SPECIFICATION)

ABBREVIATIONS:

C2: CLOUGHTON 2 APPRAISAL BOREHOLE
N2: NITROGEN

NOTES:

FOR LAYOUT DETAILS, REFER TO PLAN NO. ZG-EOG-CLTN-PA-11

REVISION HISTORY				
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REV	DATE	BY	DETAILS	APR

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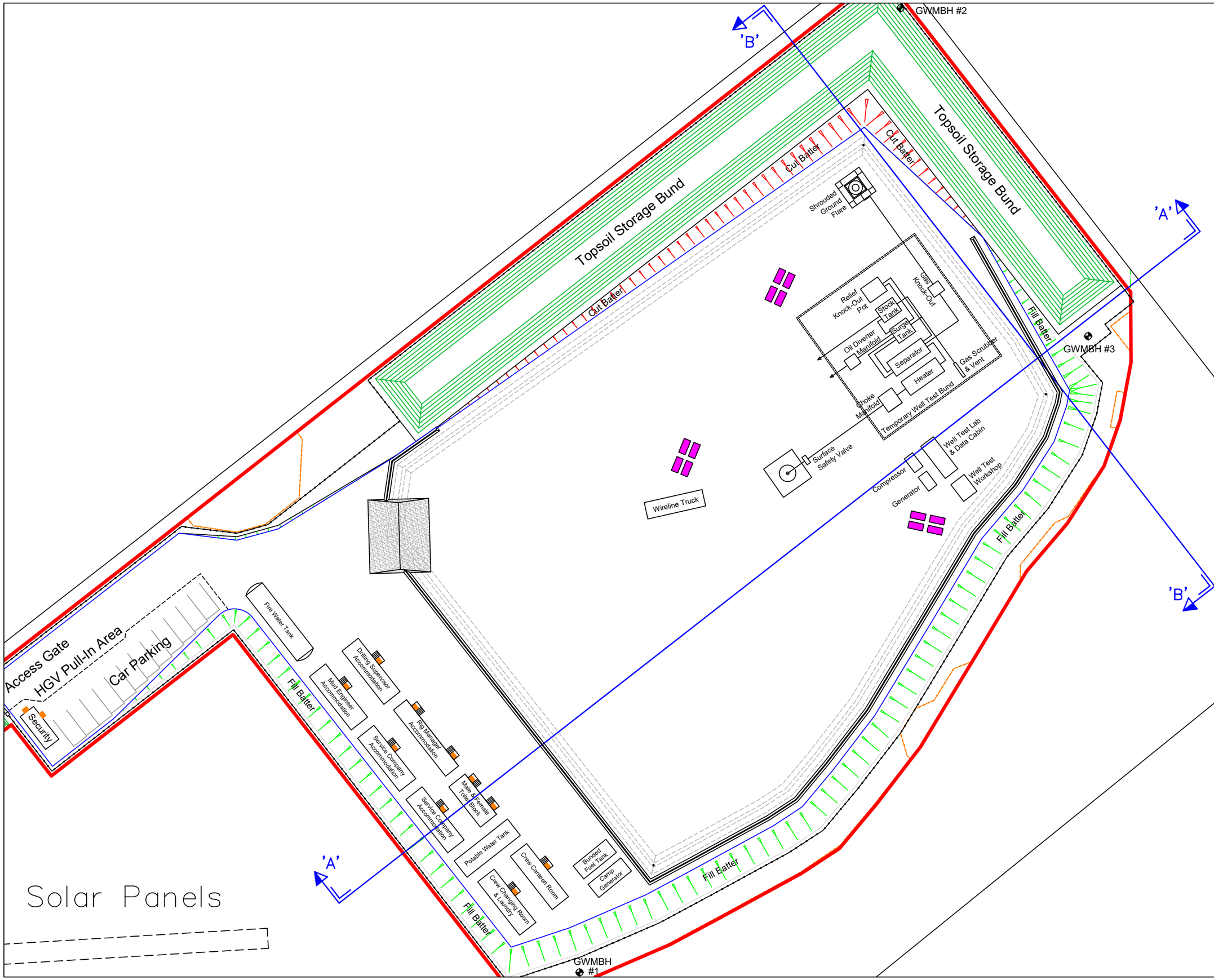
SITE: CLOUGHTON WELLSITE, BURNISTON, NORTH YORKSHIRE

PROJECT: APPLICATION FOR PLANNING PERMISSION

TITLE: INDICATIVE SECTION PLAN - PROPPANT SQUEEZE PHASE WITH COIL TUBING UNIT

CLIENT: EUROPA OIL & GAS LIMITED

Scale:	1:500	DWG. No: ZG-EOG-CLTN-PA-12
Size:	A3	
Sheet:	1 of 1	



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N

KEY:

- PLANNING APPLICATION BOUNDARY
- CUT BATTER
- FILL BATTER
- PERIMETER CONTAINMENT DITCH
- SECURITY FENCING
- GROUNDWATER MONITORING BOREHOLES (GWMBH)
- TREE ROUTE PROTECTION FENCE

LIGHTING DETAILS:

- LXFL20WBV2 (1 X 20W / 1613 ml)
- MOBILE LIGHTING TOWER 4 X 300W LED (OR SIMILAR SPECIFICATION)

ABBREVIATIONS:

NOTES:

CROSS-SECTION VIEW DETAILS INDICATED BY THE DIRECTION THE ARROWS ARE FACING, FROM POINT 'A' TO POINT 'A', AS SHOWN BELOW:

'A' 'A'

FOR SECTION DETAILS, REFER TO PLAN NO: ZG-EOG-CLTN-PA-14

REVISION HISTORY

REV	DATE	BY	DETAILS	APR
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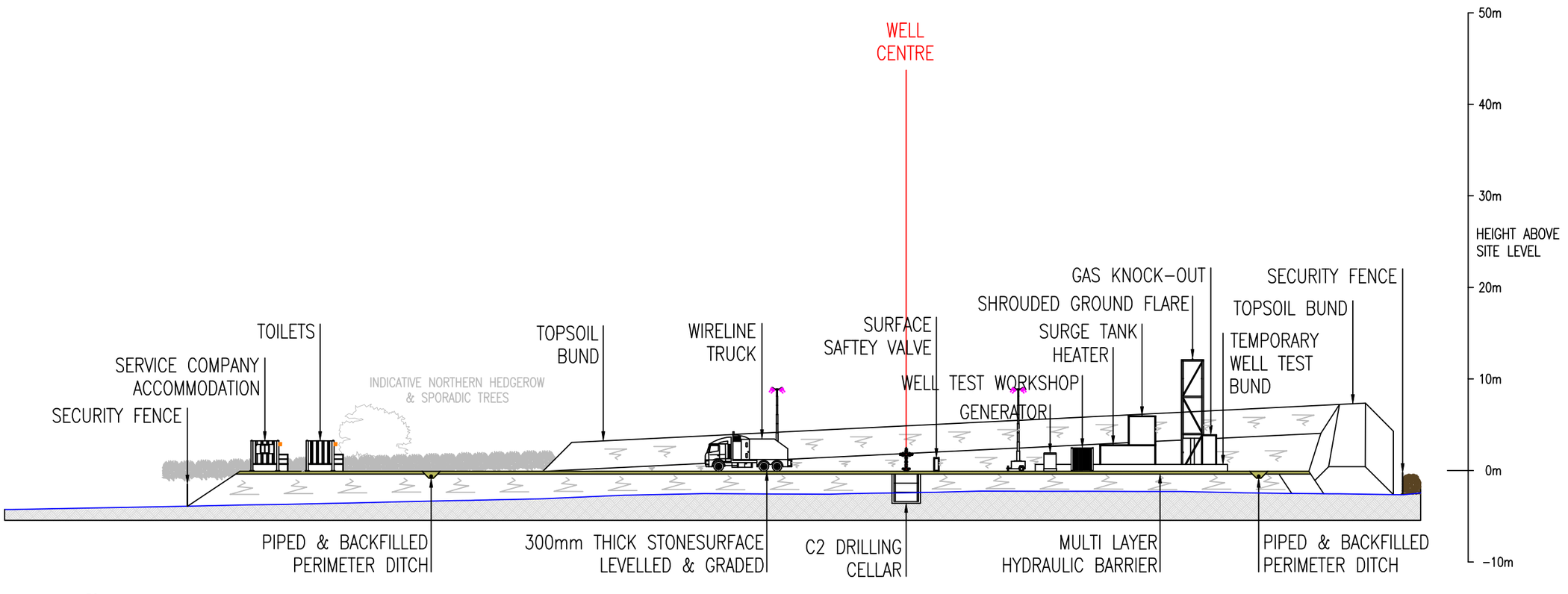
PROJECT: APPLICATION FOR PLANNING PERMISSION

TITLE: SITE LAYOUT PLAN - INDICATIVE WELL TESTING PHASE

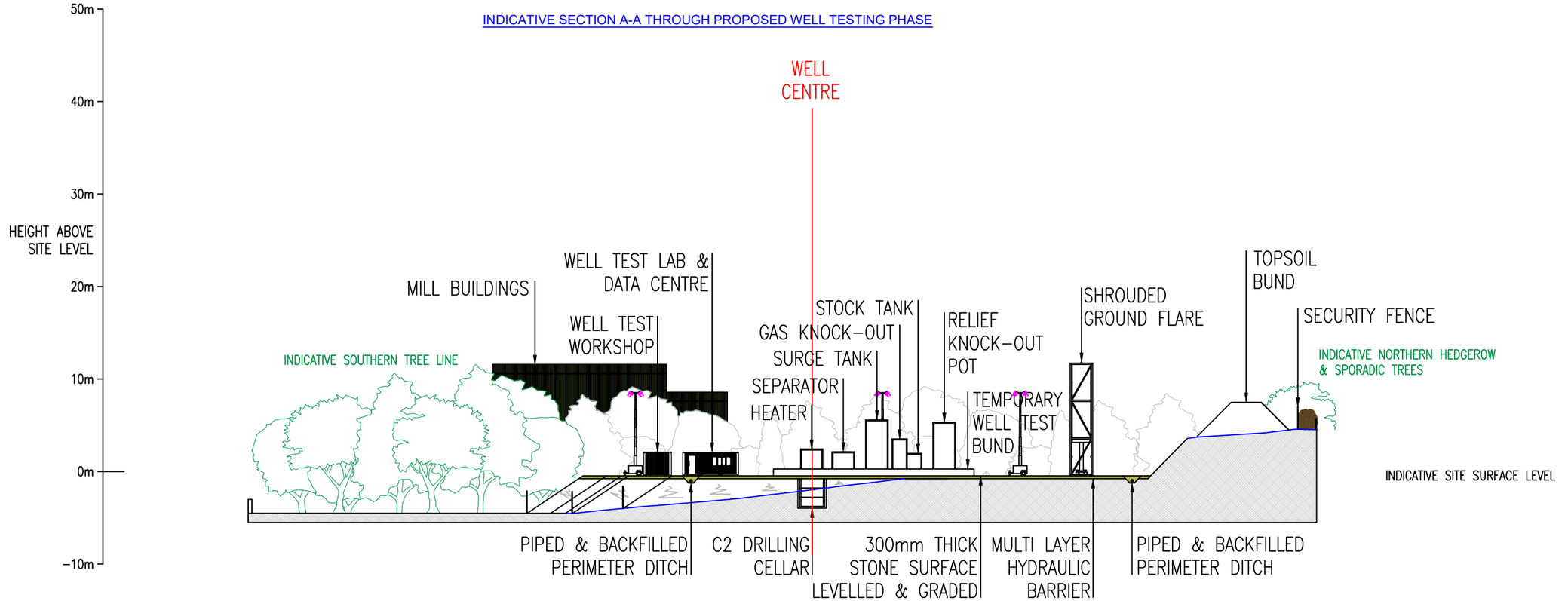
CLIENT: EUROPA OIL & GAS LIMITED

Scale:	1:500
Size:	A3
Sheet:	1 of 1

DWG. No: ZG-EOG-CLTN-PA-13



INDICATIVE SECTION A-A THROUGH PROPOSED WELL TESTING PHASE



INDICATIVE SECTION B-B THROUGH PROPOSED WELL TESTING PHASE

0 5m 10m 20m 30m 40m 50m

SCALE IN METRES 1:500

KEY:

LIGHTING DETAILS:

LXFL20WBV2 (1 X 20W / 1613 ml)

MOBILE LIGHTING TOWER 4 X 300W LED (OR SIMILAR SPECIFICATION)

ABBREVIATIONS:

C2: CLOUGHTON 2 APPRAISAL BOREHOLE

NOTES:

FOR LAYOUT DETAILS, REFER TO PLAN NO. ZG-EOG-CLTN-PA-13

REVISION HISTORY				
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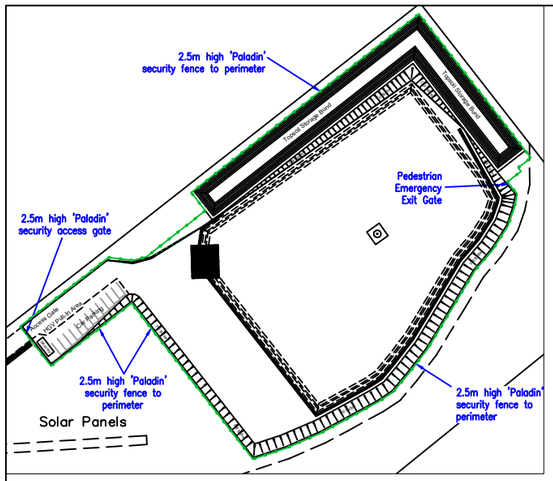
PROJECT: APPLICATION FOR PLANNING PERMISSION

TITLE: INDICATIVE SECTION PLAN - WELL TESTING PHASE

CLIENT: EUROPA OIL & GAS LIMITED

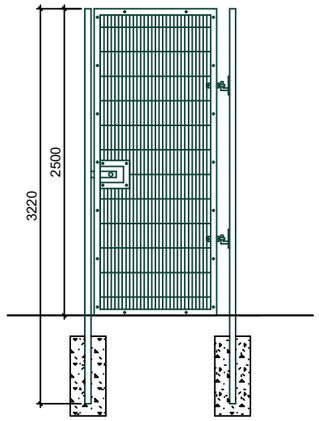
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Size:	A3
Sheet:	1 of 1

DWG. No: ZG-EOG-CLTN-PA-14



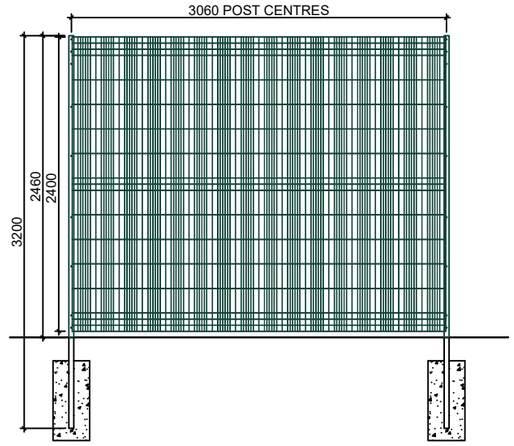
WELLSITE FENCING & GATES PLAN 1:2,000 SCALE

2.46M MESH PANEL SECURITY FENCE & PEDESTRIAN SECURITY GATE (NORTHERN, EASTERN, SOUTHERN & WESTERN BOUNDARIES OF THE WELLSITE)



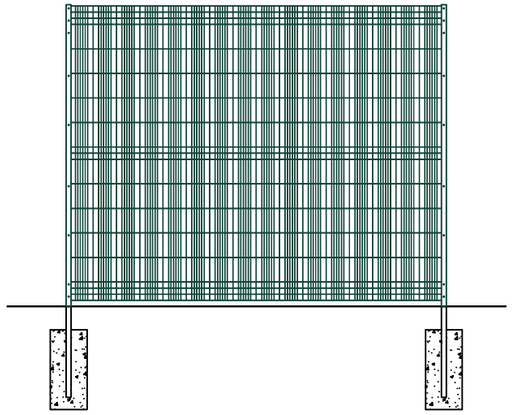
Pedestrian Gate - Front Elevation

Scale 1:50



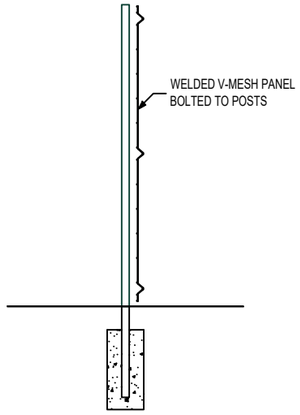
Fence Panel - Front Elevation

Scale 1:50



Fence Panel - Rear Elevation

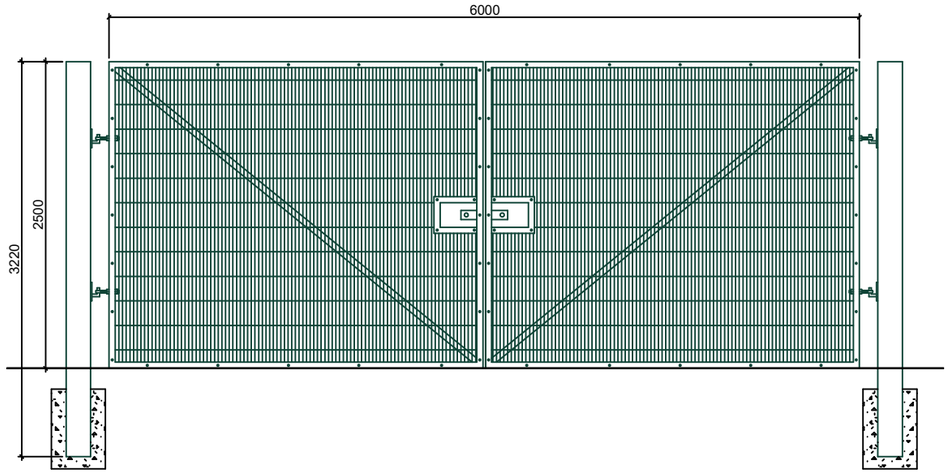
Scale 1:50



Side Elevation

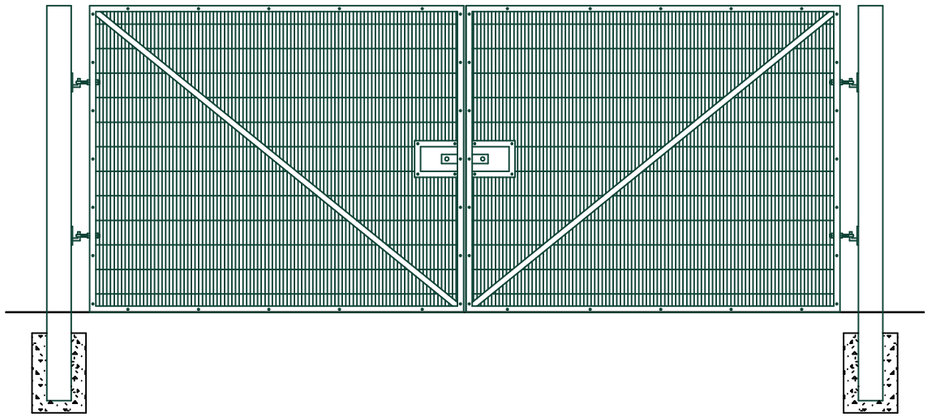
Scale 1:50

2.50M MESH PANEL SECURITY GATES (SOUTH WESTERN BOUNDARY OF THE WELLSITE)



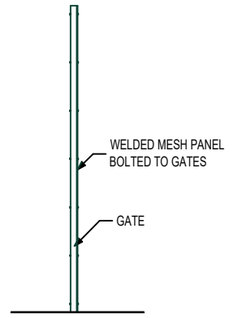
Gate - Front Elevation

Scale 1:50



Gate - Rear Elevation

Scale 1:50



Gate - Side Elevation

Scale 1:50

KEY:

SECURITY FENCING

NOTES:

REVISION HISTORY				
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REV	DATE	BY	DETAILS	APR

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SITE: CLOUGHTON WELLSITE, BURNISTON, NORTH YORKSHIRE

PROJECT: APPLICATION FOR PLANNING PERMISSION

TITLE: INDICATIVE SECTION PLAN - SECURITY FENCING & GATES

CLIENT: EUROPA OIL & GAS LIMITED

Scale:	1:50
Size:	A3
Sheet:	1 of 1

DWG. No: ZG-EOG-CLTN-PA-15

Agricultural Grass Mixes Schedule

SUPREME AGRICULTURAL Long Term Dual Purpose	
Supplier: Greenland Seeds, Sowing Rate: 14kg per acre	
Mix per pack/kg	Species
2.5	Agaska/Boyne Intermediate Diploid Perennial Ryegrass
4.0	Aston Energy/Nolwen Intermediate Tetraploid Ryegrass
3.5	Bijou/Nashota Late Tetraploid Perennial Ryegrass
3.0	Oakpark Late Diploid Perennial Ryegrass
0.25	Climax/Tenho Timothy
0.75	Dual White Clover Blend

The land will be regraded and returned to agriculture

Proposed - Agricultural Grass Mix
Seeding with SUPREME AGRICULTURAL Long Term Dual Purpose, at the rate of 14kg per acre

'A'

'B'

Grass

Woodland
Fronting Trees Surveyed

Solar Panels

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LICENCE No. 100022432

KEY:

- PLANNING APPLICATION BOUNDARY
- 1m CONTOURS
- 0.2m CONTOURS
- HEDGEROW
- TREE

NOTES:

CROSS-SECTION VIEW DETAILS INDICATED BY THE DIRECTION THE ARROWS ARE FACING, FROM POINT 'A' TO POINT 'A', AS SHOWN BELOW:

'A' 'A'

FOR SECTION DETAILS, REFER TO PLAN NO: ZG-EOG-CLTN-PA-17

RESTORATION SCHEME TO BASED ON TOPOGRAPHIC SURVEY ACQUIRED 16TH SEPTEMBER 2024.

REVISION HISTORY

REV	DATE	BY	DETAILS	APR
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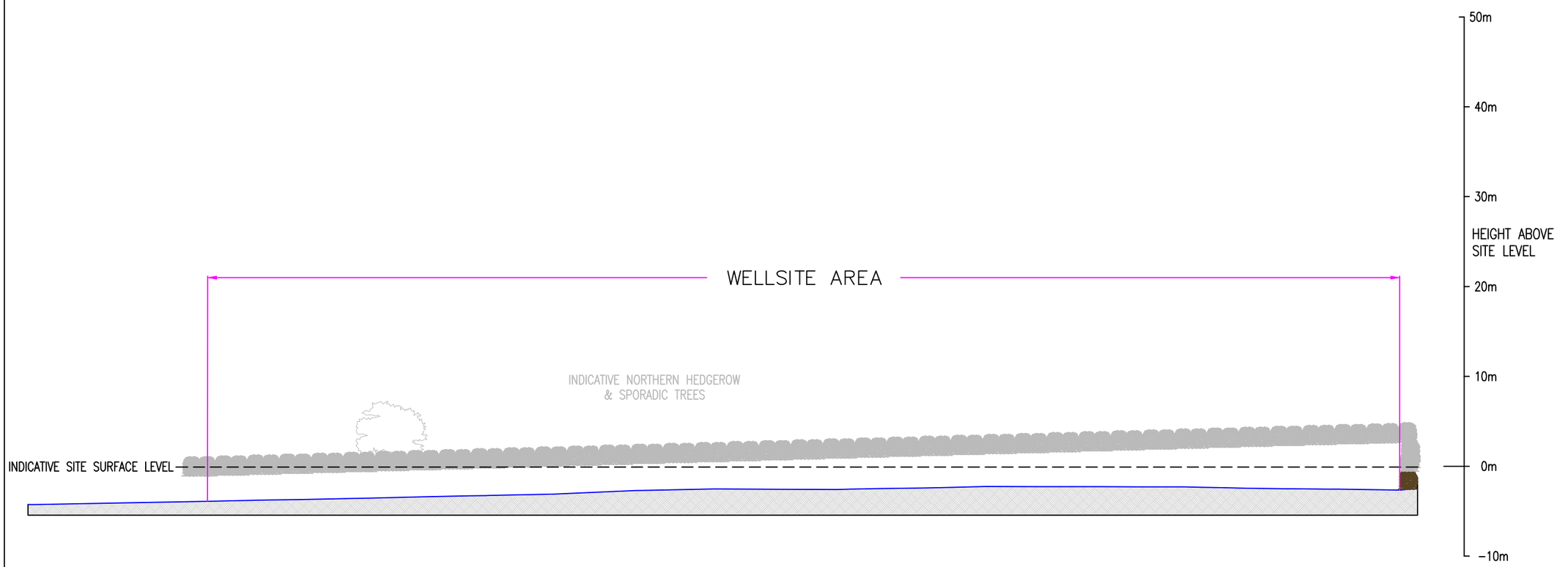
PROJECT: APPLICATION FOR PLANNING PERMISSION

TITLE: SITE LAYOUT PLAN - INDICATIVE RESTORATION

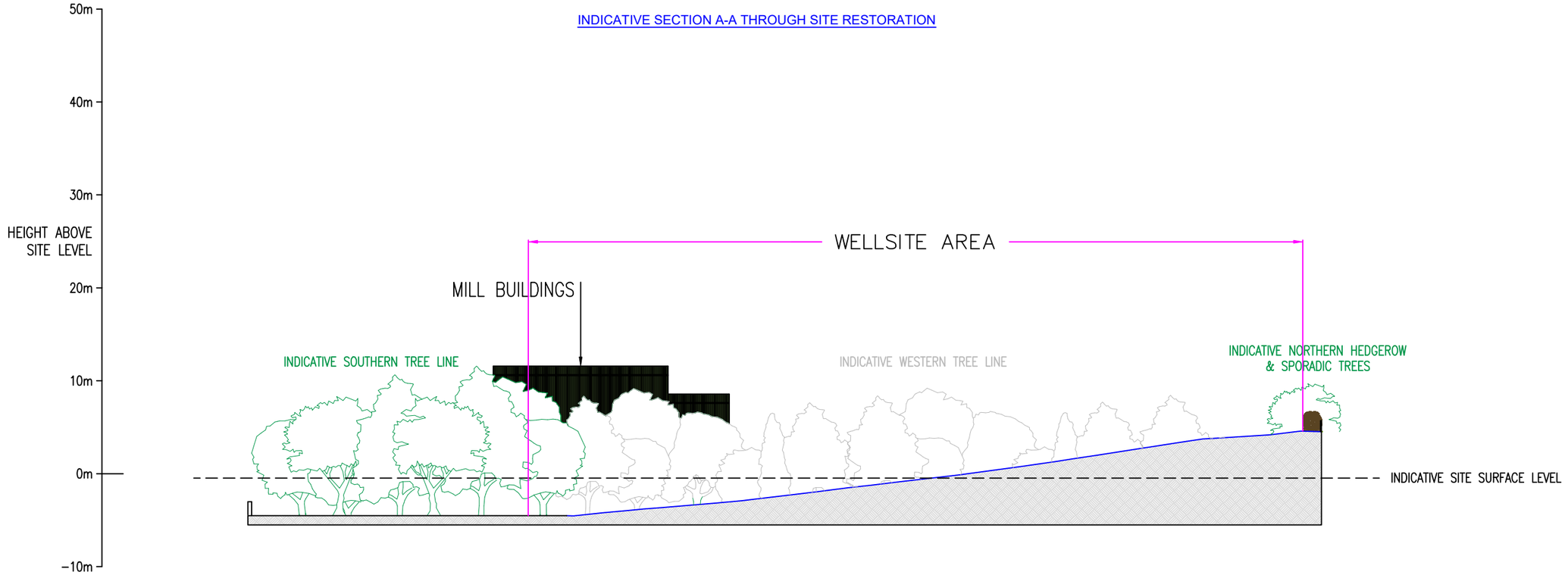
CLIENT: EUROPA OIL & GAS LIMITED

Scale:	1:500
Size:	A3
Sheet:	1 of 1

DWG. No: ZG-EOG-CLTN-PA-16



INDICATIVE SECTION A-A THROUGH SITE RESTORATION



INDICATIVE SECTION B-B THROUGH SITE RESTORATION

0 5m 10m 20m 30m 40m 50m

SCALE IN METRES 1:500

KEY:

NOTES:

RESTORATION SECTIONS DERIVED FROM TOPOGRAPHIC SURVEY ACQUIRED 16TH SEPTEMBER 2024.

FOR LAYOUT DETAILS, REFER TO PLAN NO. ZG-EOG-CLTN-PA-16

REVISION HISTORY				
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REV	DATE	BY	DETAILS	APR

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SITE: CLOUGHTON WELLSITE, BURNISTON, NORTH YORKSHIRE

PROJECT: APPLICATION FOR PLANNING PERMISSION

TITLE: INDICATIVE SECTION PLAN - SITE RESTORATION

CLIENT: EUROPA OIL & GAS LIMITED

Scale:	1:500
Size:	A3
Sheet:	1 of 1

DWG. No: ZG-EOG-CLTN-PA-17

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KEY:

PLANNING APPLICATION BOUNDARY

BOREHOLE ZONE OF DEVIATION

POTENTIAL AREA OF HYDROCARBON

NOTES:

REVISION HISTORY				
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–	–	–	–	–
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REV	DATE	BY	DETAILS	APR

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SITE: CLOUGHTON WELLSITE, BURNISTON, NORTH YORKSHIRE

PROJECT: APPLICATION FOR PLANNING PERMISSION

TITLE: POTENTIAL AREA OF HYDROCARBON

CLIENT: EUROPA OIL & GAS LIMITED

Scale:	1:25,000	DWG. No: ZG-EOG-CLTN-PA-18
Size:	A3	
Sheet:	1 of 1	