



Planning Act 2008  
Infrastructure Planning  
(Applications Prescribed  
Forms and Procedure)  
Regulations 2009

# North Lincolnshire Green Energy Park

## 4.18 Vertical Parameters

APFP Regulation 5(2)(a)

PINS reference: EN010116

March 2023

Revision number: 1



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# The North Lincolnshire Green Energy Park Development Consent Order

## 4.18 Vertical Parameters

**Date: March 2023**

**PINS reference: EN010116**

**Application Document Reference: 4.18**

**Author: Fichtner Consulting Engineers**

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# 1. INTRODUCTION

## 1.1 General

1.1.1 The following Plans have been prepared to accompany the application for a Development Consent Order (DCO), made by the Applicant to the Secretary of State (SoS) via the Planning Inspectorate (the Inspectorate).

1.1.2 A detailed description of the Project can be found in Chapter 3 of the ES (**Document Reference 6.2.3**).

1.1.3 These Plans comprise part of the suite of Application documentation and are included in the Application in compliance with Regulation 5(2)(o) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 (the 2009 Regulations), which requires:

*(o) any other plans, drawings and sections necessary to describe the proposals for which development consent is sought, showing details of design, external appearance, and the preferred layout of buildings or structures, drainage, surface water management, means of vehicular and pedestrian access, any car parking to be provided, and means of landscaping;*

1.1.4 These Plans are also being submitted under Regulation 5(4) of the 2009 Regulations which states:

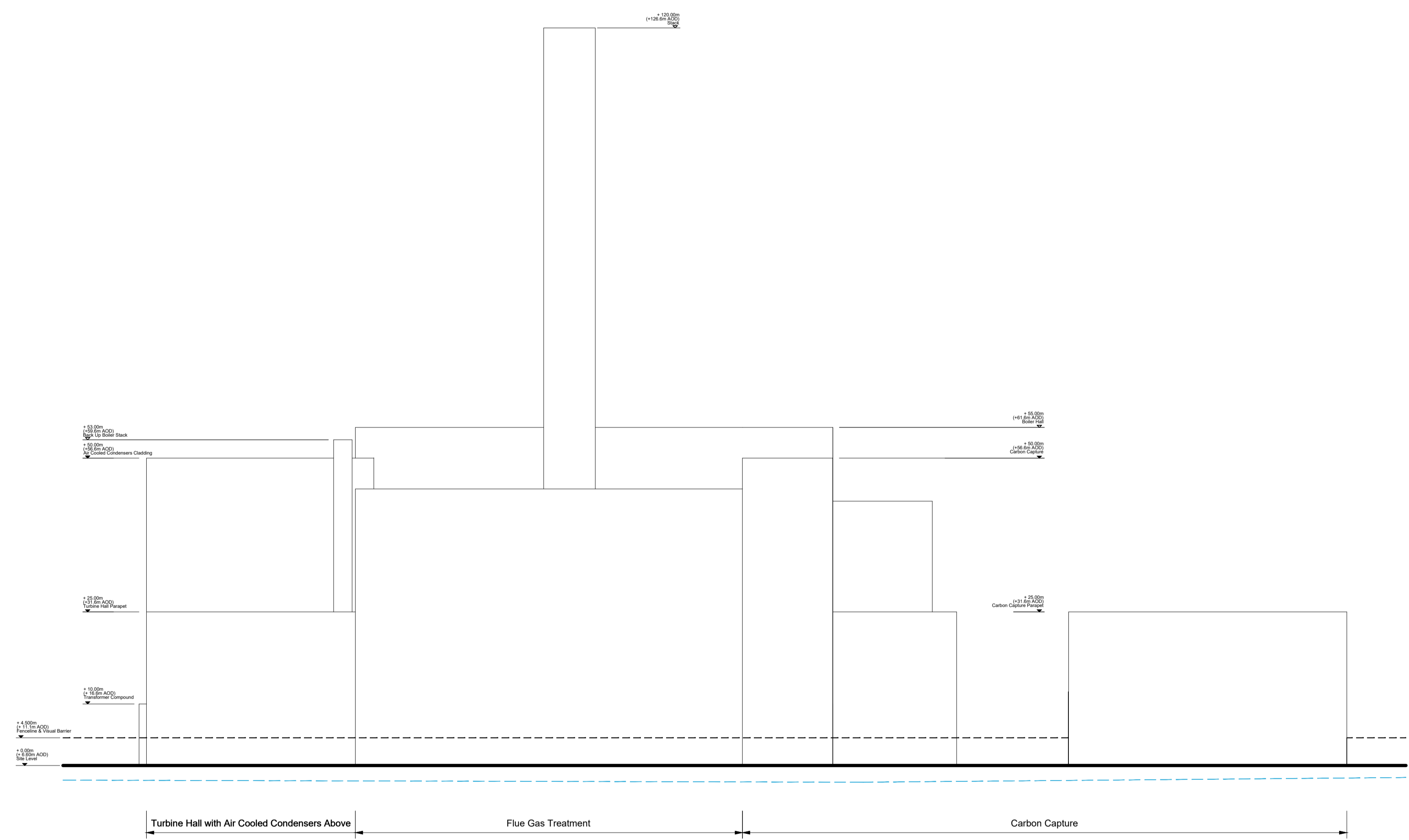
*"Where a plan comprises three or more separate sheets a key plan must be provided showing the relationship between the different sheets."*

1.1.5 These Plans are part of the Application documentation and should be read alongside and are informed by the other Application documents.

## 2. SCHEDULE OF PLANS INCLUDED IN THIS APPLICATION DOCUMENT

Drawing Number	Drawing Title	Revision
NLGEP-FCE-XX-XX-DR-Y-3001	Vertical Parameters Plans ERF - North Elevation	P1
NLGEP-FCE-XX-XX-DR-Y-3002	Vertical Parameters Plans ERF - East Elevation	P1
NLGEP-FCE-XX-XX-DR-Y-3003	Vertical Parameters Plans ERF - South Elevation	P1
NLGEP-FCE-XX-XX-DR-Y-3004	Vertical Parameters Plans ERF - West Elevation	P1
NLGEP-FCE-XX-XX-DR-Y-3005	Vertical Parameters Plans R.H.T.F & C.B.M.F	P1
NLGEP-FCE-XX-XX-DR-Y-3006	Vertical Parameters Plans Plastics Recycling Facility	P1
NLGEP-FCE-XX-XX-DR-Y-3007	Vertical Parameters Plans AGI Compound (South)	P1
NLGEP-FCE-XX-XX-DR-Y-3008	Vertical Parameters Plans Battery Storage Compound	P1
NLGEP-FCE-XX-XX-DR-Y-3009	Vertical Parameters Plans Hydrogen Production (South)	P1
NLGEP-FCE-XX-XX-DR-Y-3010	Vertical Parameters Plans Vehicle Refuelling Station	P1
NLGEP-FCE-XX-XX-DR-Y-3011	Vertical Parameters Plans Weighbridge and Gatehouse	P1
NLGEP-FCE-XX-XX-DR-Y-3012	Vertical Parameters Plans Switchyard	P1
NLGEP-FCE-XX-XX-DR-Y-3013	Vertical Parameters Plans AGI Compound (North)	P1
NLGEP-FCE-XX-XX-DR-Y-3014	Vertical Parameters Plans Hydrogen Production (North)	P1
NLGEP-FCE-XX-XX-DR-Y-3015	Vertical Parameters Plans Visitor Centre	P1

Notes  
 - - - Existing Ground level  
 - - - - Visual Barrier



P1	FOR DCO SUBMISSION	17.03.23	AO1	DTW/CAB
P0	FOR DCO SUBMISSION	17.02.22	AO1	DTW/CAB
Rev	Description	Date	Iss'd	Rev'd


## DCO SUBMISSION

Project Stage

## INFORMATION

Status of Drawing

Client



NORTH LINCOLNSHIRE  
GREEN ENERGY PARK  
LIMITED

Level 33, Euston Tower, 296 Euston Road,  
London, NW1 3DP

LD A DESIGN GSDA FICHTNER  
ERM CONSULTING ENGINEERS

BURO HAPPOLD northern planners bowland ecology

Client: NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD  
 Consultant: FICHTNER CONSULTING ENGINEERS  
 Project: NORTH LINCOLNSHIRE GREEN ENERGY PARK  
 Dwg Title: VERTICAL PARAMETER PLANS  
 ERF - NORTH ELEVATION

Planning Inspectorate No. EN010116 Scale: A1  
 1:500

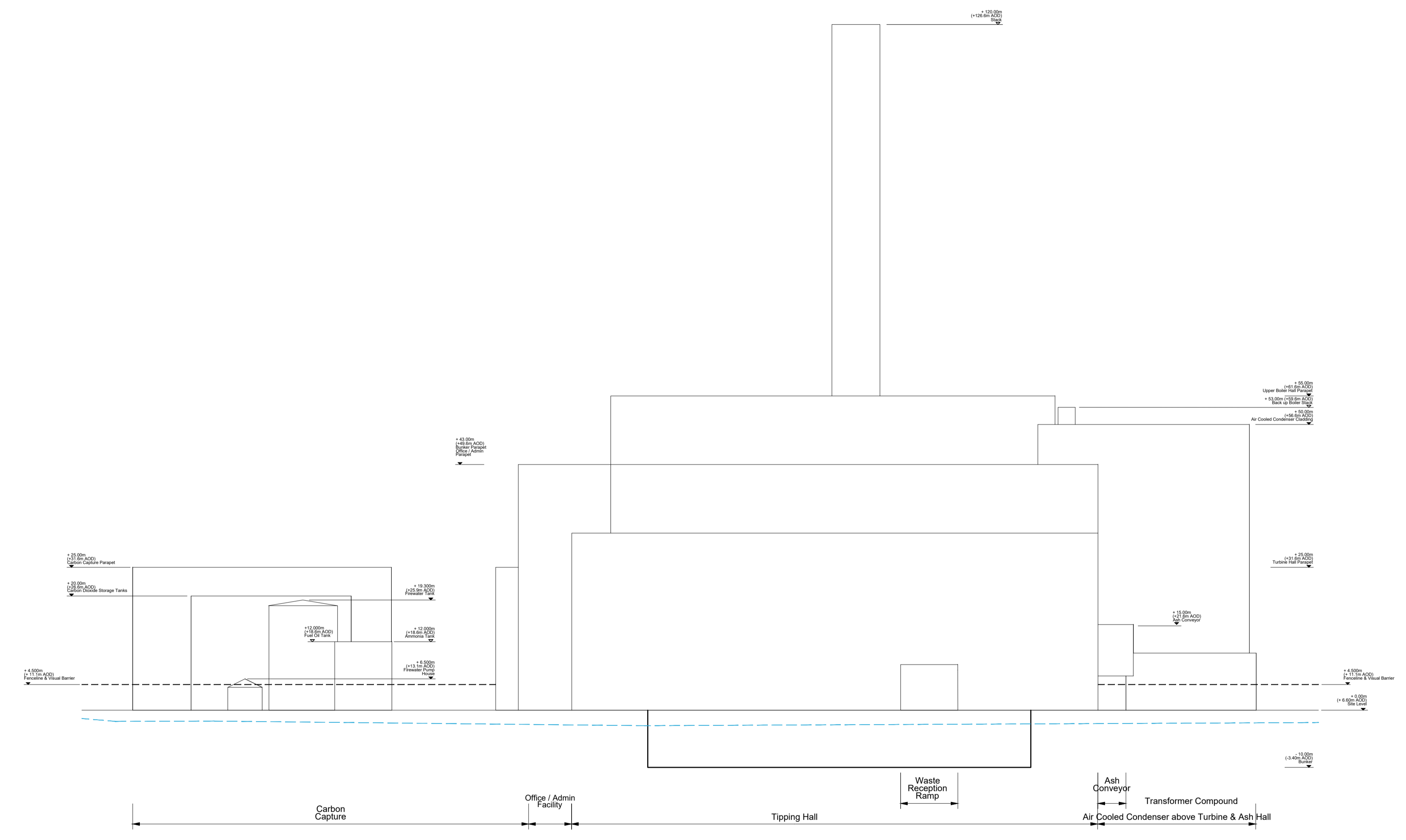
Drawn/Designed By: DTW Checked By: CAB Approved By: CAB

Drawing No. NLGEP-FCE-XX-XX-DR-Y-3001 Revision P1





Notes  
 - - - Existing Ground level  
 - - - - Visual Barrier



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PO	FOR DCO SUBMISSION	17.02.22	AO1	DTW/CAB
Rev	Description	Date	Iss'd	Rev'd


## DCO SUBMISSION

Project Stage

## INFORMATION

Status of Drawing

Client



NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD  
 Level 33, Euston Tower, 296 Euston Road,  
 London, NW1 3DP

LD A DESIGN GSDA FICHTNER  
 ERM CONSULTING ENGINEERS LTD

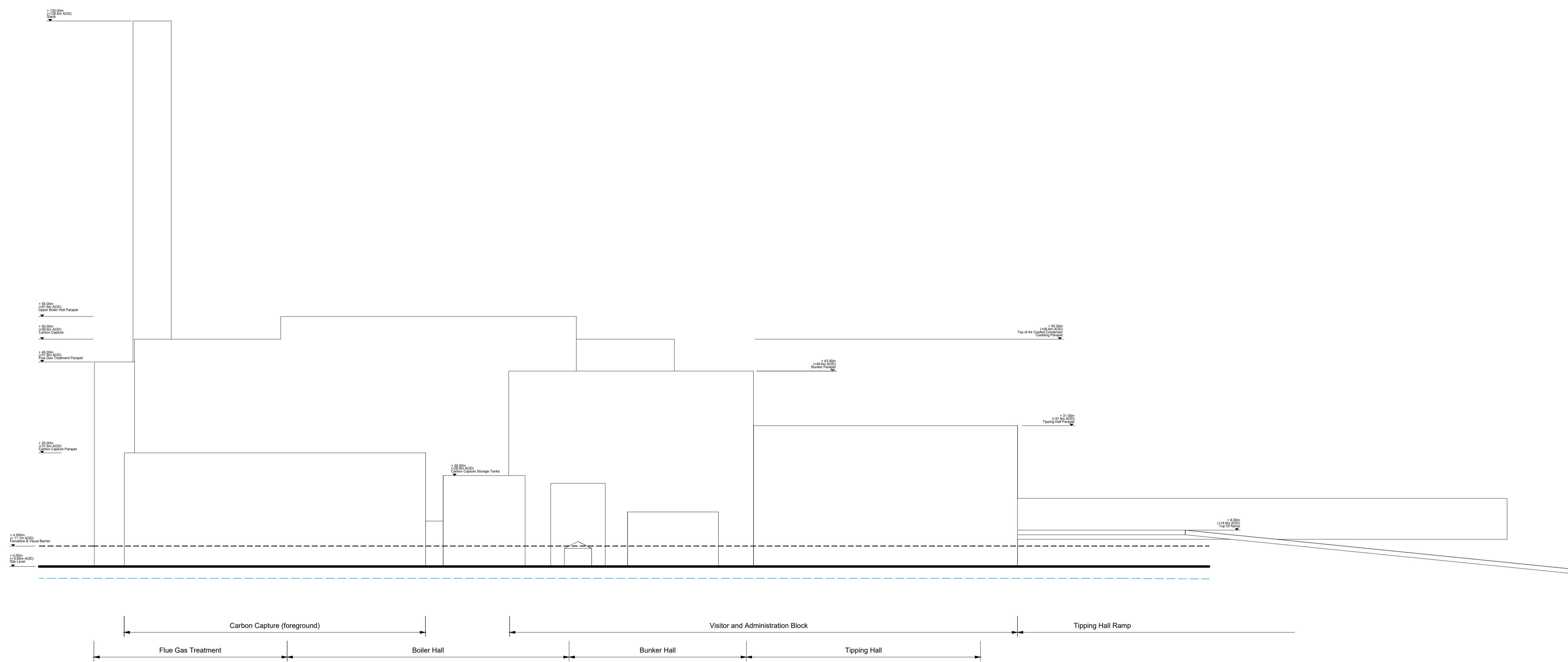
BURO HAPPOLD northern planners bowland ecology

Client: NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD  
 Consultant: FICHTNER CONSULTING ENGINEERS  
 Project: NORTH LINCOLNSHIRE GREEN ENERGY PARK  
 Dwg Title: VERTICAL PARAMETER PLANS  
 ERF - SOUTH ELEVATION

Planning Inspectorate No. <b>EN010116</b>	Scale@A1 1:500	
Drawn/Designed By: DTW	Checked By: CAB	Approved By: CAB
Drawing No. NLGEP-FCE-XX-XX-DR-Y-3003	Revision P1	



Notes  
 - - - Existing Ground level  
 - - - - Visual Barrier




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PO	FOR DCO SUBMISSION	17.02.22	AO1	DTW/CAB
Rev	Description	Date	Iss'd	Rev'd

## DCO SUBMISSION

Project Stage

## INFORMATION

Status of Drawing

Client  
  
 Level 33, Euston Tower, 296 Euston Road,  
 London, NW1 3DP









Client: NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD  
 Consultant: FICHTNER CONSULTING ENGINEERS  
 Project: NORTH LINCOLNSHIRE GREEN ENERGY PARK  
 Dwg Title: VERTICAL PARAMETER PLANS  
 ERF - WEST ELEVATION

Planning Inspectorate No. **EN010116** Scale: A1  
 1:500

Drawn/Designed By: DTW  
 Checked By: CAB  
 Approved By: CAB

Drawing No. NLGEP-FCE-XX-XX-DR-Y-3004  
 Revision: P1

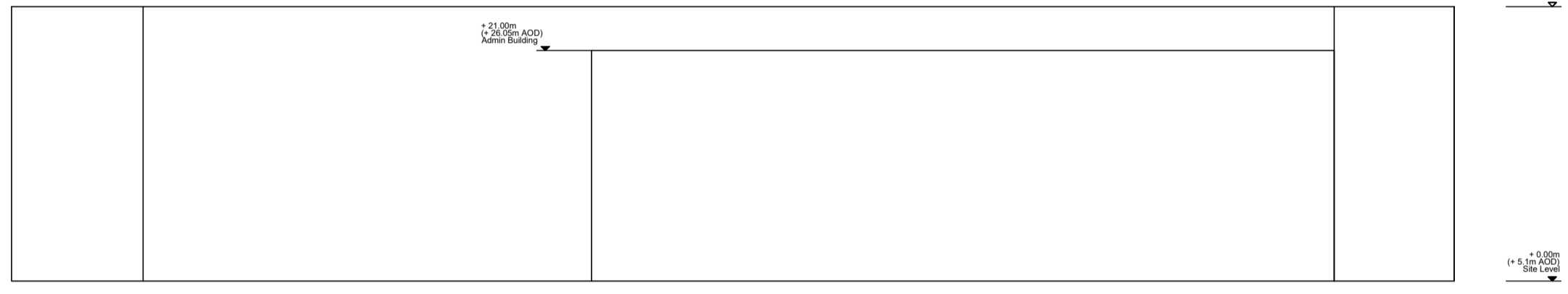
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SITE LEVELS ARE INDICATIVE ONLY, AND SHOULD BE CONFIRMED DURING DETAILED DESIGN

--- Existing Ground level



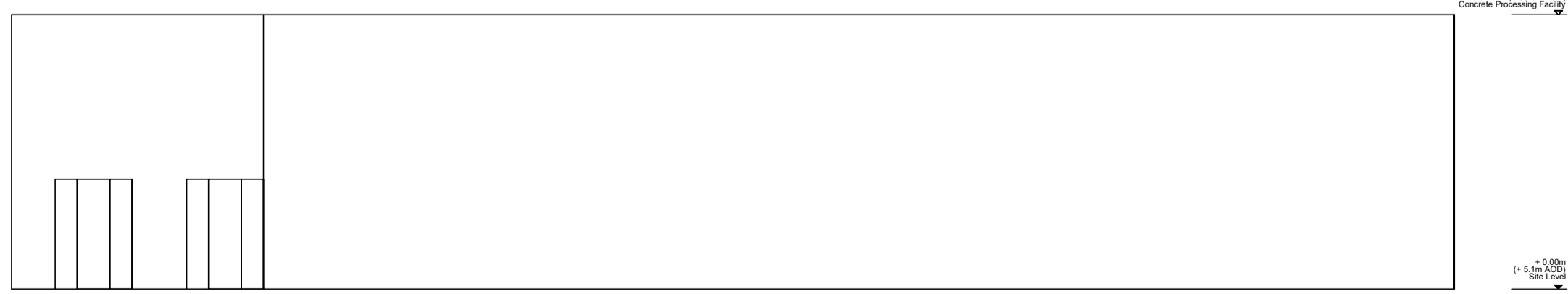
WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION



NORTH ELEVATION

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PO	FOR DCO SUBMISSION	17.02.22	AD1	DTW/CAB
Rev	Description	Date	Iss'd	Rev'd


DCO SUBMISSION

Project Stage

INFORMATION

Status of Drawing

Client



NORTH LINCOLNSHIRE GREEN ENERGY PARK  
Level 33, Euston Tower, 296 Euston Rd., London, NW1 3DP

LD&DESIGN GSDA ERM FICHTNER CONSULTING ENGINEERS

BURO HAPPOLD northern planners bowland ecology

Client: NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD  
Consultant: FICHTNER CONSULTING ENGINEERS  
Project: NORTH LINCOLNSHIRE GREEN ENERGY PARK  
Dwg Title: VERTICAL PARAMETER PLANS R.H.T.F & C.B.M.F

Planning Inspectorate No. EN010116 Scale: A1 1:500

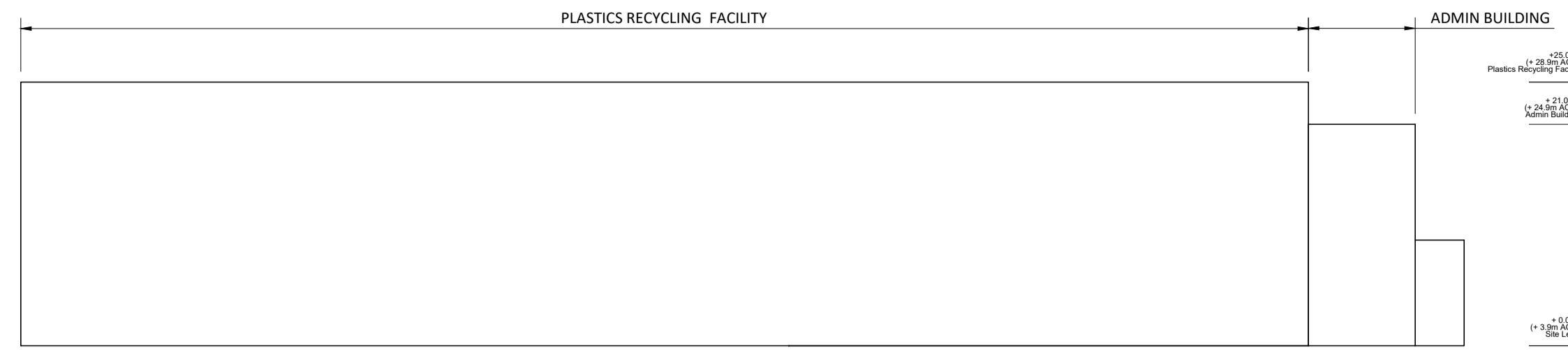
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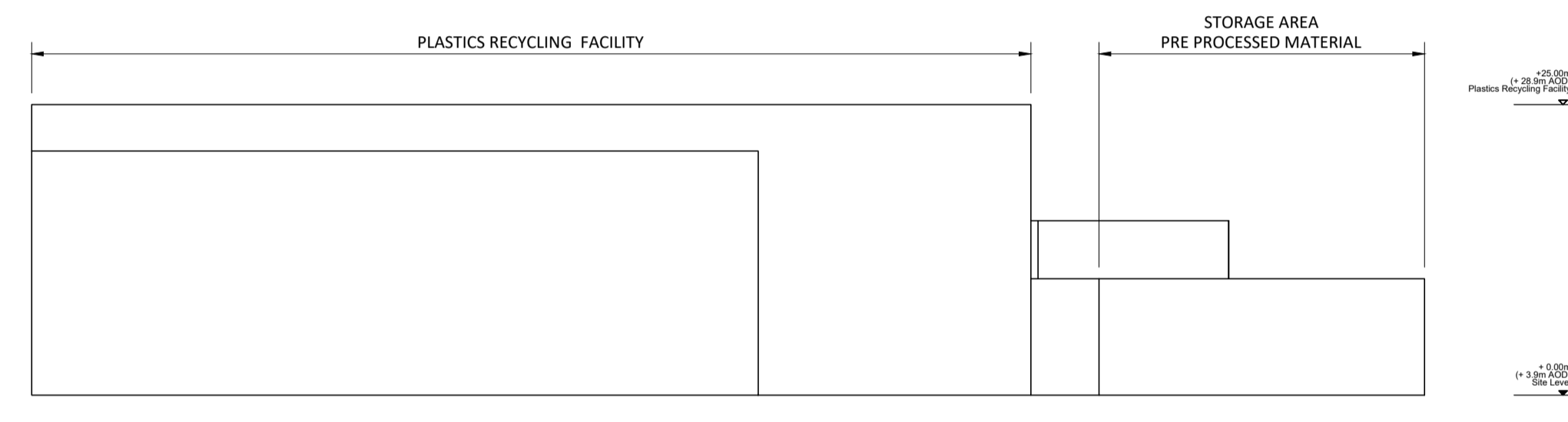
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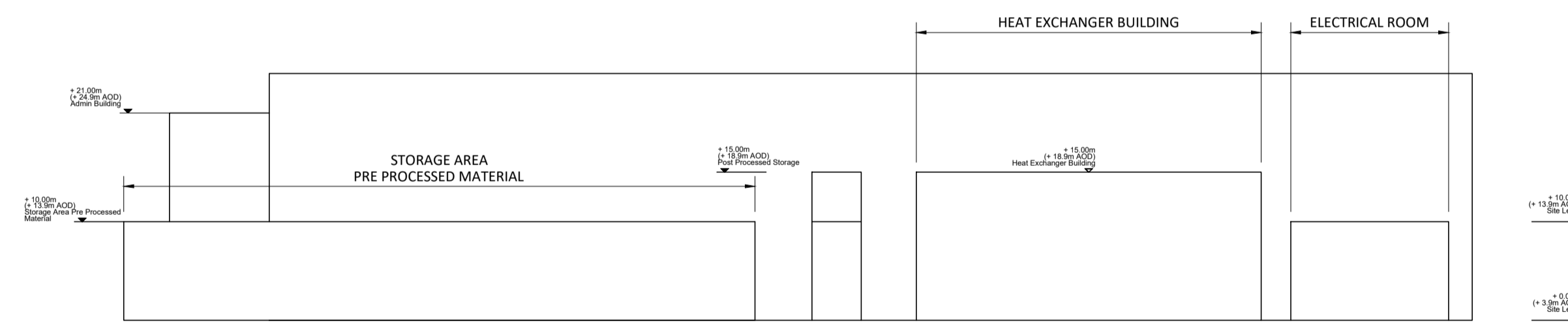
--- Existing Ground level



WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION



NORTH ELEVATION

P1	FOR DCO SUBMISSION	17.03.23	AO1	DTW/CAB
PO	FOR DCO SUBMISSION	17.02.22	AO1	DTW/CAB
Rev	Description	Date	Iss'd	App'd

## DCO SUBMISSION

Project Stage

## INFORMATION

Status of Drawing

Client



Level 33, Euston Tower, 296 Euston Road, London, NW1 3DF



Client: NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD

Consultant: FICHTNER CONSULTING ENGINEERS

Project: NORTH LINCOLNSHIRE GREEN ENERGY PARK

Dwg Title: VERTICAL PARAMETER PLANS  
PLASTICS RECYCLING FACILITY

Planning Inspectorate No.  
**EN010116**

Scale@A1  
1:500

Drawn/Designed By:  
DTW

Checked By:  
CAB

Approved By:  
CAB

Drawing No.  
NLGEP-FCE-XX-XX-DR-Y-3006

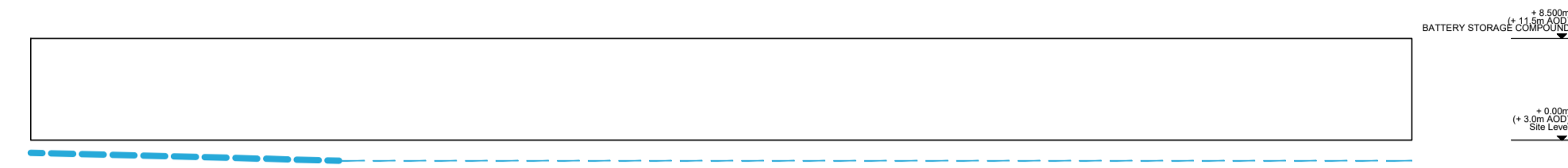
Revision  
P1



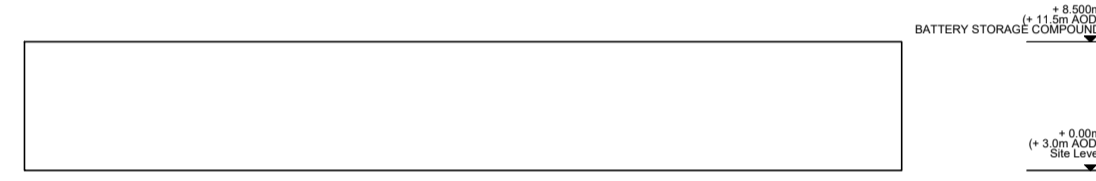
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SITE LEVELS ARE INDICATIVE ONLY, AND SHOULD BE CONFIRMED DURING DETAILED DESIGN

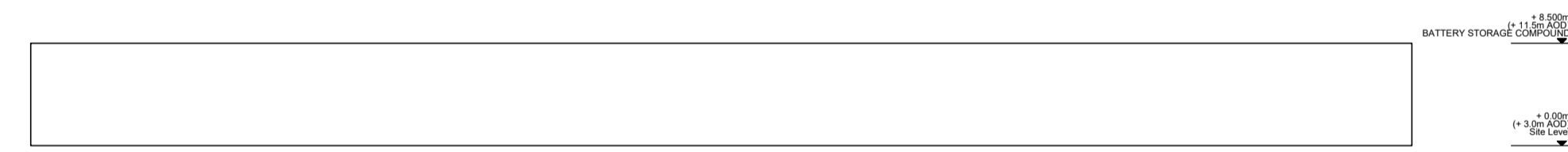
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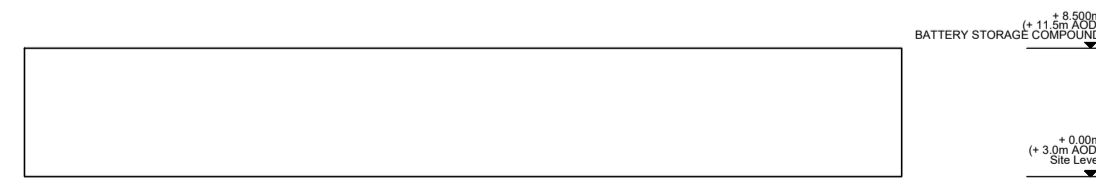
WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION



NORTH ELEVATION


P1	FOR DCO SUBMISSION	17.03.23	AO1	DTW/CAB
PO	FOR DCO SUBMISSION	17.02.22	AO1	DTW/CAB
Rev	Description	Date	Iss'd	Rev'd

## DCO SUBMISSION

Project Stage

## INFORMATION

Status of Drawing

Client  
  
 Level 33, Euston Tower, 296 Euston Rd.,  
 London, NW1 3DF











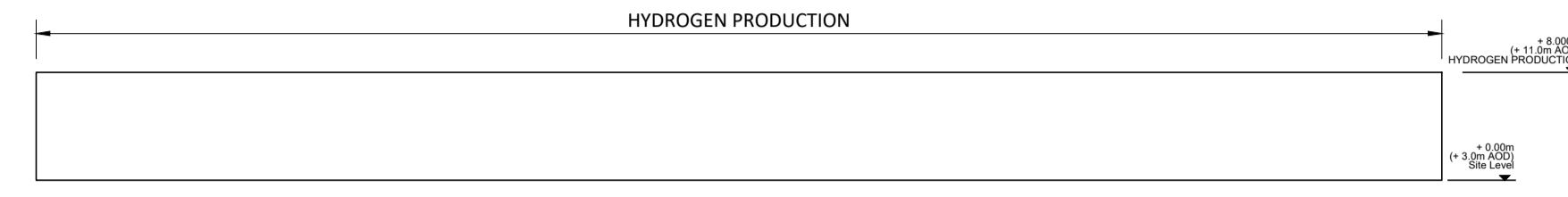
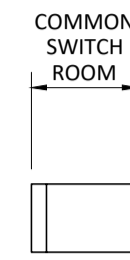
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 Consultant: FICHTNER CONSULTING ENGINEERS  
 Project: NORTH LINCOLNSHIRE GREEN ENERGY PARK  
 Dwg Title: VERTICAL PARAMETER PLANS  
 BATTERY STORAGE COMPOUND

Planning Inspectorate No. <b>EN010116</b>	Scale 1:500	
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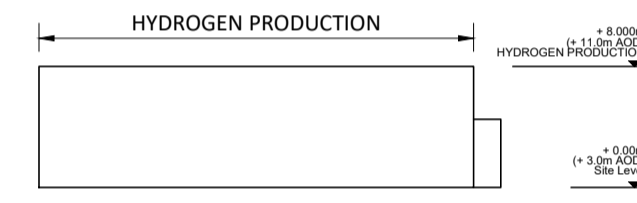
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SITE LEVELS ARE INDICATIVE ONLY, AND SHOULD BE CONFIRMED DURING DETAILED DESIGN

--- Existing Ground level



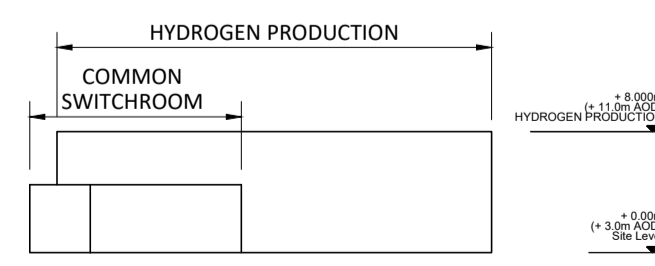
WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION



NORTH ELEVATION

P1	FOR DCO SUBMISSION	17.03.23	AO1	DTW/CAB
PO	FOR DCO SUBMISSION	17.02.22	AO1	DTW/CAB
Rev	Description	Date	Iss'd	Rev'd

DCO SUBMISSION

Project Stage

INFORMATION

Status of Drawing

Client



Level 33, Euston Tower, 296 Euston Road, London, NW1 3DF



Client: NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD

Consultant: FICHTNER CONSULTING ENGINEERS

Project: NORTH LINCOLNSHIRE GREEN ENERGY PARK

Dwg Title: VERTICAL PARAMETER PLANS  
HYDROGEN PRODUCTION (SOUTH)

Planning Inspectorate No.  
**EN010116**

Scale@A1  
1:500

Drawn/Designed By: DTW  
Checked By: CAB  
Approved By: CAB

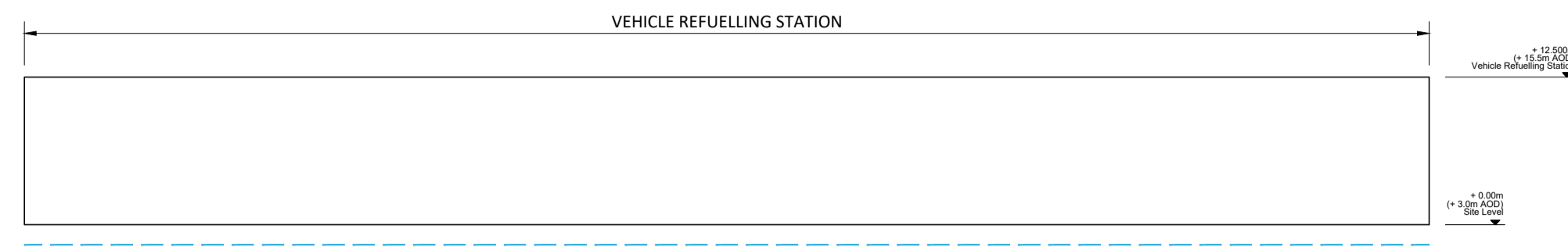
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Revision: P1



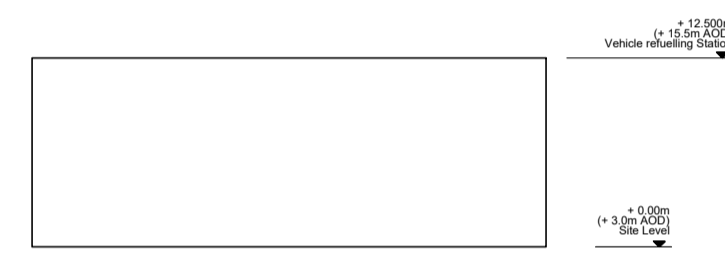
Notes

SITE LEVELS ARE INDICATIVE ONLY, AND SHOULD BE CONFIRMED DURING DETAILED DESIGN

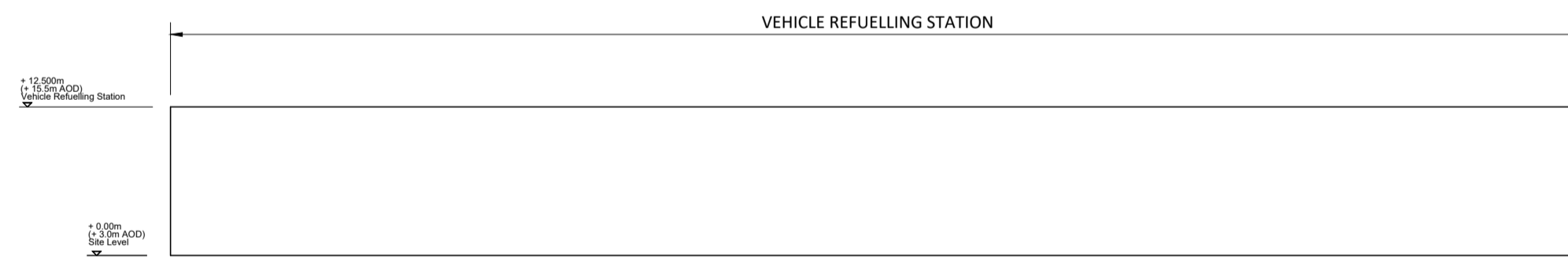
--- Existing Ground level



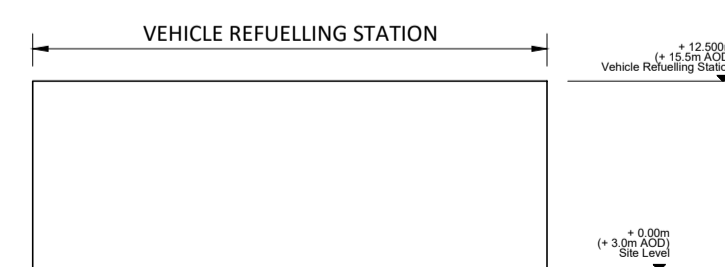
WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION



NORTH ELEVATION

P1	FOR DCO SUBMISSION	17.03.23	AO1	DTW/CAB
PO	FOR DCO SUBMISSION	17.02.22	AO1	DTW/CAB
Rev	Description	Date	Iss'd	App'd

## DCO SUBMISSION

Project Stage

## INFORMATION

Status of Drawing

Client



Level 33, Euston Tower, 296 Euston Road,  
London, NW1 3DF



Client **NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD**

Consultant **FICHTNER CONSULTING ENGINEERS**

Project **NORTH LINCOLNSHIRE GREEN ENERGY PARK**

Dwg Title **VERTICAL PARAMETER PLANS  
VEHICLE REFUELLING STATION**

Planning Inspectorate No.  
**EN010116**

Scale@A1  
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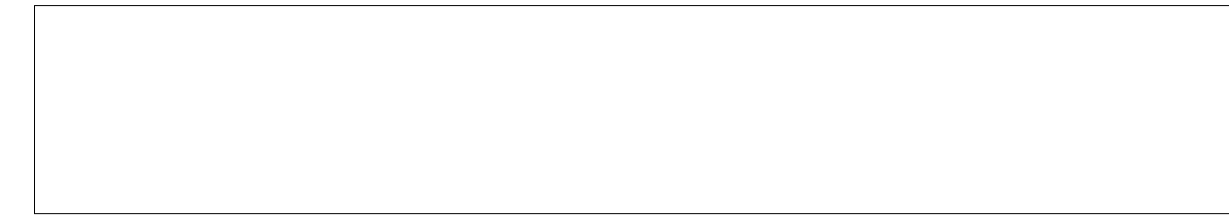
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Drawing No.  
**NLGEP-FCE-XX-XX-DR-Y-3010**

Revision  
**P1**



**NORTHERN GATEHOUSE & WEIGHBRIDGE AREA**



+ 5.000m  
(+11.600m AOD)  
GATEHOUSE & WEIGHBRIDGES

+ 0.00m  
(+ 6.600m AOD)  
Site Level

SIDE ELEVATION



+ 5.000m  
(+11.600m AOD)  
GATEHOUSE & WEIGHBRIDGES

+ 0.00m  
(+6.600m AOD)  
Site Level

END ELEVATION

**PLASTICS RECYCLING FACILITY  
GATEHOUSE & WEIGHBRIDGE AREA**



+ 5.000m  
(+8.900m AOD)  
GATEHOUSE & WEIGHBRIDGES

+ 0.00m  
(+3.900m AOD)  
Site Level

SIDE ELEVATION



+ 5.000m  
(+8.900m AOD)  
GATEHOUSE & WEIGHBRIDGES

+ 0.00m  
(+3.900m AOD)  
Site Level

END ELEVATION

**SOUTHERN GATEHOUSE & WEIGHBRIDGE AREA**



+ 5.000m  
(+10.050m AOD)  
GATEHOUSE & WEIGHBRIDGES

+ 0.00m  
(+5.050m AOD)  
Site Level

SIDE ELEVATION



+ 5.000m  
(+10.050m AOD)  
GATEHOUSE & WEIGHBRIDGES

+ 0.00m  
(+5.050m AOD)  
Site Level

END ELEVATION

Notes

SITE LEVELS ARE INDICATIVE ONLY, AND SHOULD BE  
CONFIRMED DURING DETAILED DESIGN

P1	FOR DCO SUBMISSION	17.03.23	AO1	DTW/CAB
PO	FOR DCO SUBMISSION	17.02.22	AO1	DTW/CAB
Rev	Description	Date	Iss'd	App'd


**DCO SUBMISSION**

Project Stage

**INFORMATION**

Status of Drawing

Client



NORTH LINCOLNSHIRE  
GREEN ENERGY PARK  
Level 33, Euston Tower, 296 Euston Road,  
London, NW1 3DF

LD A DESIGN GSDA FICHTNER  
ERM

BURO HAPPOLD northern planners bowland ecology

Client: NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD  
Consultant: FICHTNER CONSULTING ENGINEERS  
Project: NORTH LINCOLNSHIRE GREEN ENERGY PARK  
Dwg Title: VERTICAL PARAMETER PLANS  
WEIGHBRIDGE AND GATEHOUSE

Planning Inspectorate No. EN010116 Scale: A1 1:200

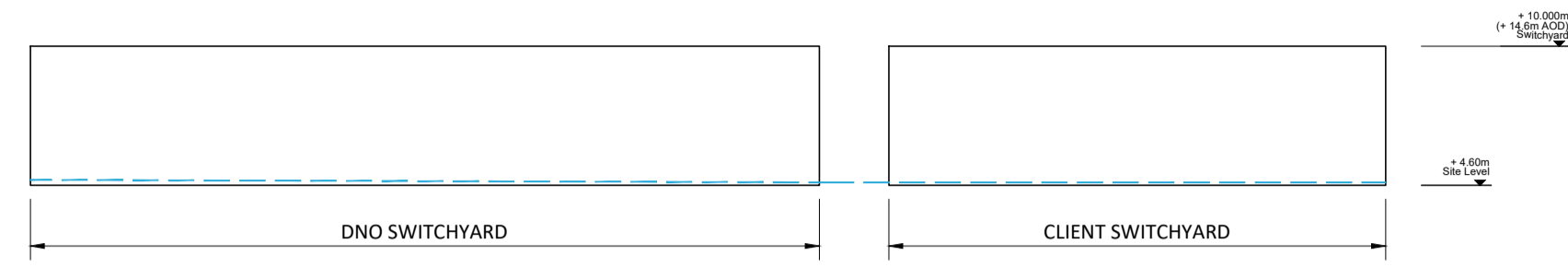
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Drawing No. NLGEP-FCE-XX-XX-DR-Y-3011 Revision P1

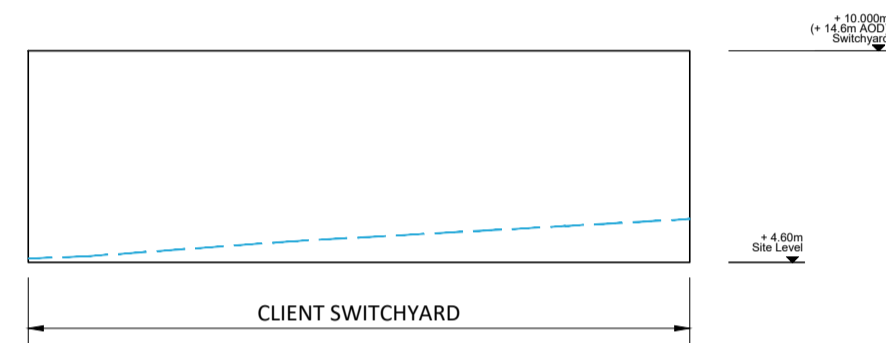
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SITE LEVELS ARE INDICATIVE ONLY, AND SHOULD BE CONFIRMED DURING DETAILED DESIGN

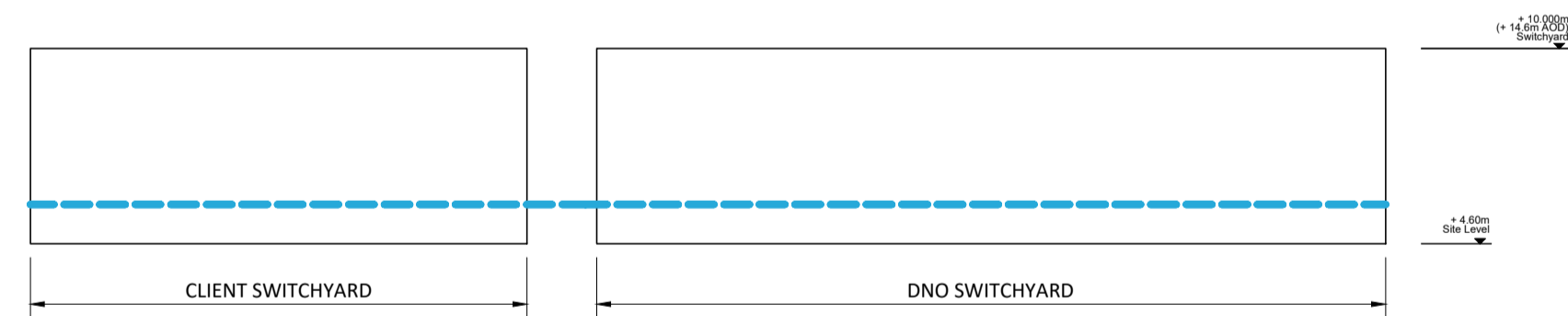
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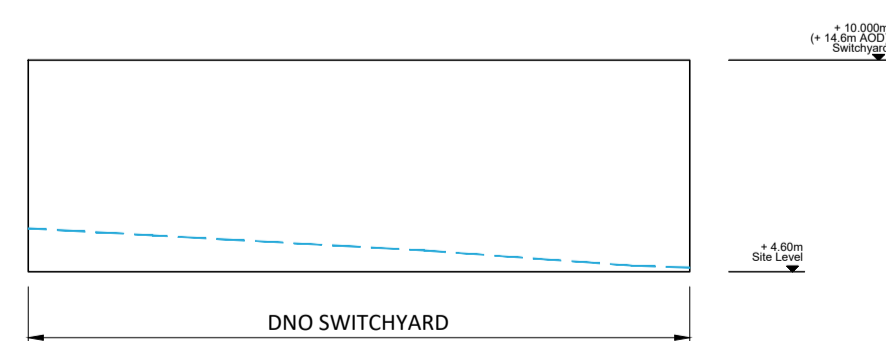
WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION



NORTH ELEVATION

P1	FOR DCO SUBMISSION	17.03.23	AO1	DTW/CAB
PO	FOR DCO SUBMISSION	17.02.22	AO1	DTW/CAB
Rev	Description	Date	Iss'd	App'd

## DCO SUBMISSION

Project Stage

## INFORMATION

Status of Drawing

Client



Level 33, Euston Tower, 296 Euston Road,  
London, NW1 3DF



Client: NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD

Consultant: FICHTNER CONSULTING ENGINEERS

Project: NORTH LINCOLNSHIRE GREEN ENERGY PARK

Dwg Title: VERTICAL PARAMETER PLANS SWITCHYARD

Planning Inspectorate No.  
**EN010116**

Scale@A1  
1:500

Drawn/Designed By: DTW  
Checked By: CAB  
Approved By: CAB

Drawing No.  
NLGEP-FCE-XX-XX-DR-Y-3012

Revision  
P1

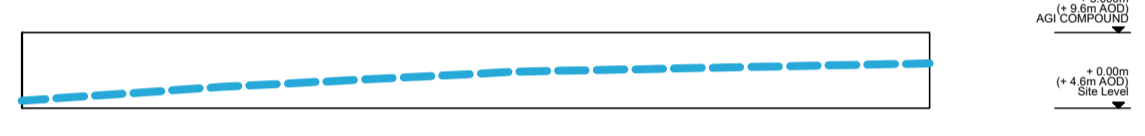
Notes

SITE LEVELS ARE INDICATIVE ONLY, AND SHOULD BE  
CONFIRMED DURING DETAILED DESIGN

--- Existing Ground level



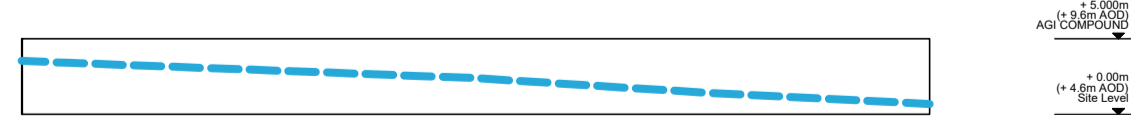
WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION



NORTH ELEVATION

P1	FOR DCO SUBMISSION	17.03.23	AO1	DTW	CAB
PO	FOR DCO SUBMISSION	17.02.22	AO1	DTW	CAB
Rev	Description	Date	Iss'd	Rev'd	App'd

## DCO SUBMISSION

Project Stage

## INFORMATION

Status of Drawing

Client



Level 33, Euston Tower, 296 Euston Road,  
London, NW1 3DF



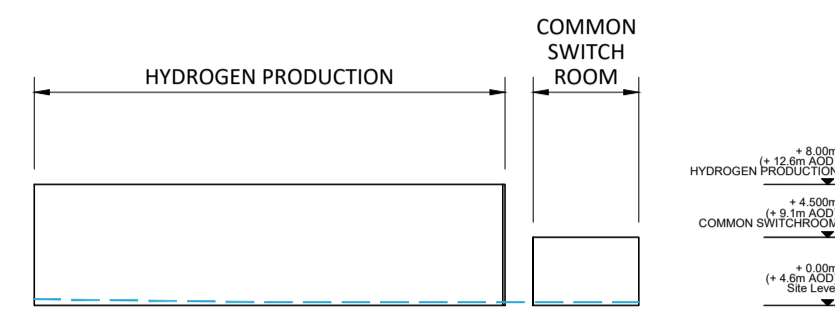

Client: NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD  
 Consultant: FICHTNER CONSULTING ENGINEERS  
 Project: NORTH LINCOLNSHIRE GREEN ENERGY PARK  
 Dig Title: VERTICAL PARAMETER PLANS  
 AGI COMPOUND (NORTH)

Planning Inspectorate No. <b>EN010116</b>	Scale@A1 1:500	
Drawn/Designed By. DTW	Checked By. CAB	Approved By. CAB
Drawing No. NLGEP-FCE-XX-XX-DR-Y-3013	Revision P1	

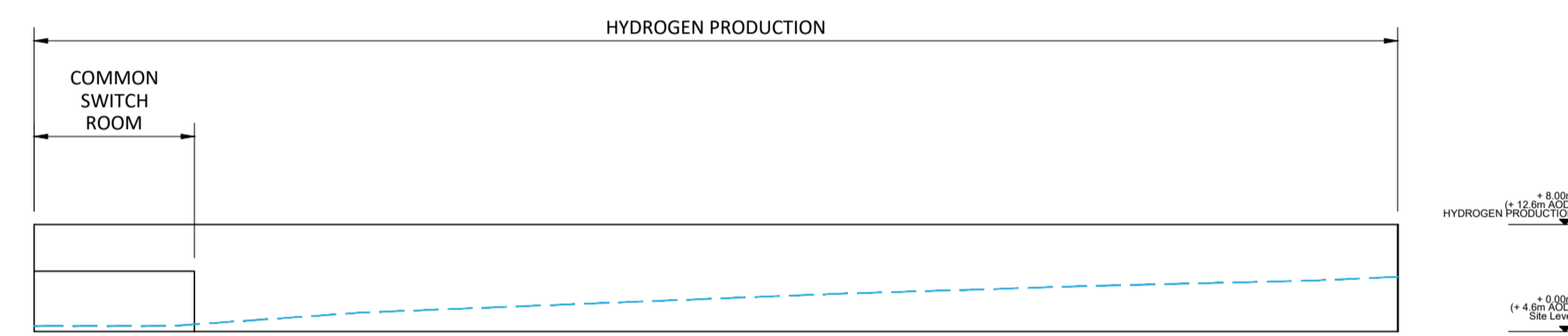
Notes

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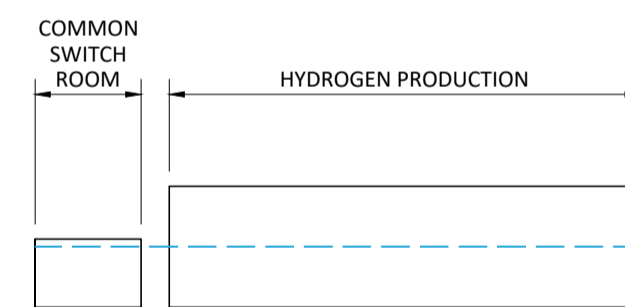
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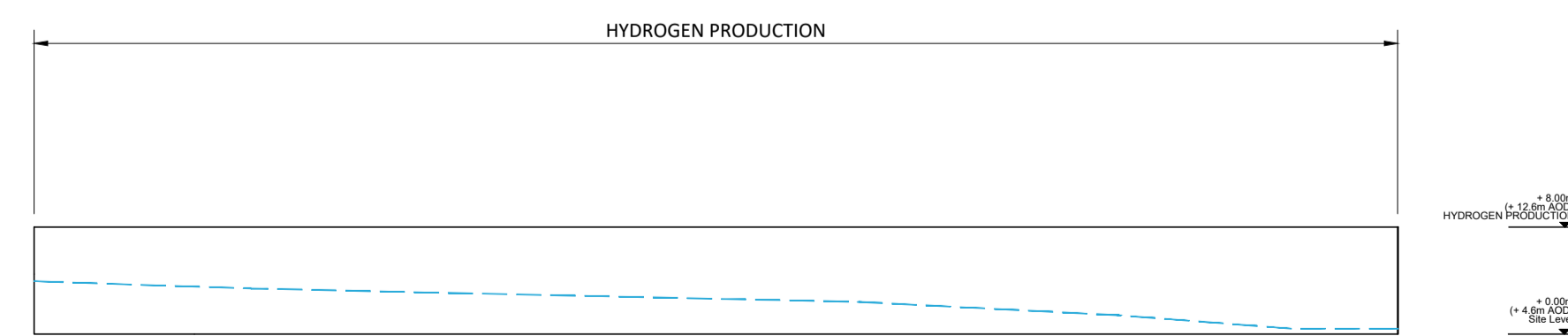
WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION



NORTH ELEVATION

Rev	Description	Date	Iss'd	Rev'd	App'd
P1	FOR DCO SUBMISSION	17.03.23	AO1		DTW/CAB
PO	FOR DCO SUBMISSION	17.02.22	AO1		DTW/CAB

## DCO SUBMISSION

Project Stage

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Status of Drawing

Client



Level 33, Euston Tower, 296 Euston Road,  
London, NW1 3DF



Client: NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD

Consultant: FICHTNER CONSULTING ENGINEERS

Project: NORTH LINCOLNSHIRE GREEN ENERGY PARK

Dwg Title: VERTICAL PARAMETER PLANS  
HYDROGEN PRODUCTION (NORTH)

Planning Inspectorate No.  
**EN010116**

Scale@A1  
1:500

Drawn/Designed By:  
DTW

Checked By:  
CAB

Approved By:  
CAB

Drawing No.  
NLGEP-FCE-XX-XX-DR-Y-3014

Revision  
P1

Notes

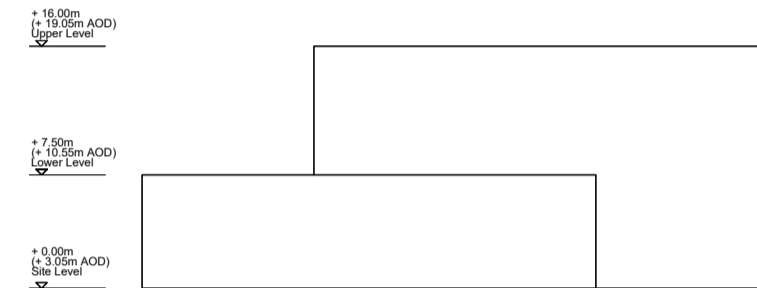
SITE LEVELS ARE INDICATIVE ONLY, AND SHOULD BE CONFIRMED DURING DETAILED DESIGN

--- Existing Ground level



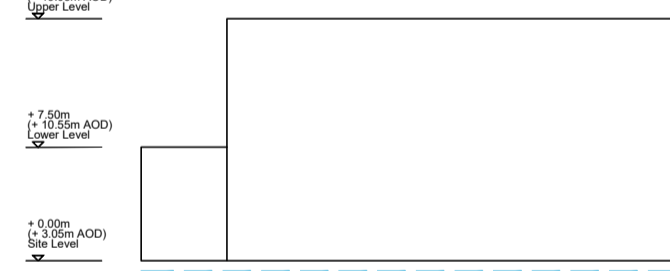
WEST ELEVATION

+2.150m  
(+1.150m AOD) Level  
+2.700m  
(+1.700m AOD) Level  
+3.000m  
(+2.000m AOD) Site Level



SOUTH ELEVATION

+3.000m  
(+2.000m AOD) Site Level  
+2.700m  
(+1.700m AOD) Level  
+2.150m  
(+1.150m AOD) Level



EAST ELEVATION

+3.000m  
(+2.000m AOD) Site Level  
+2.700m  
(+1.700m AOD) Level  
+2.150m  
(+1.150m AOD) Level



NORTH ELEVATION

+3.000m  
(+2.000m AOD) Site Level  
+2.700m  
(+1.700m AOD) Level  
+2.150m  
(+1.150m AOD) Level

P1	FOR DCO SUBMISSION	17.03.23	AO1	DTW/CAB
PO	FOR DCO SUBMISSION	17.02.22	AO1	DTW/CAB
Rev	Description	Date	Iss'd	App'd

## DCO SUBMISSION

Project Stage

## INFORMATION

Status of Drawing

Client



Level 33, Euston Tower, 296 Euston Road,  
London, NW1 3DF



Client **NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD**

Consultant **FICHTNER CONSULTING ENGINEERS**

Project **NORTH LINCOLNSHIRE GREEN ENERGY PARK**

Dwg Title **VERTICAL PARAMETER PLANS  
VISITOR CENTRE**

Planning Inspectorate No.  
**EN010116**

Scale@A1  
**1:500**

Drawn/Designed By: **DTW**  
Checked By: **CAB**  
Approved By: **CAB**

Drawing No.  
**NLGEP-FCE-XX-XX-DR-Y-3015**

Revision  
**P1**