

The Keadby Next Generation Power Station Project

Document Ref: 2.6

Planning Inspectorate Ref: EN0110001

The Keadby Next Generation Power Station Development Consent Order [year]

Land at, and in the vicinity of, the existing Keadby Power Station (Trentside, Keadby, Scunthorpe DN17 3EF)

Indicative Proposed Power Station Layout, Elevations, and Sections Plans

The Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 Regulation 5(2)(o)

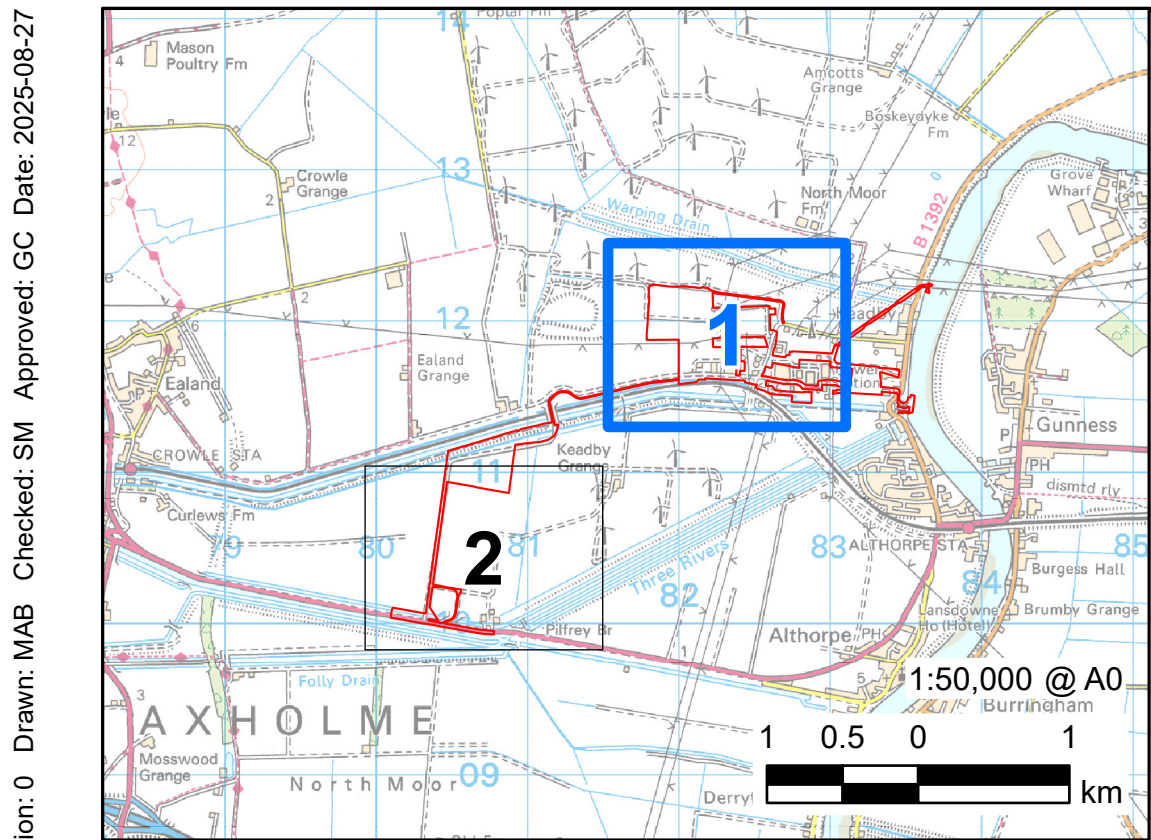
Applicant: Keadby Next Generation Limited

Date: August 2025

Version: V0

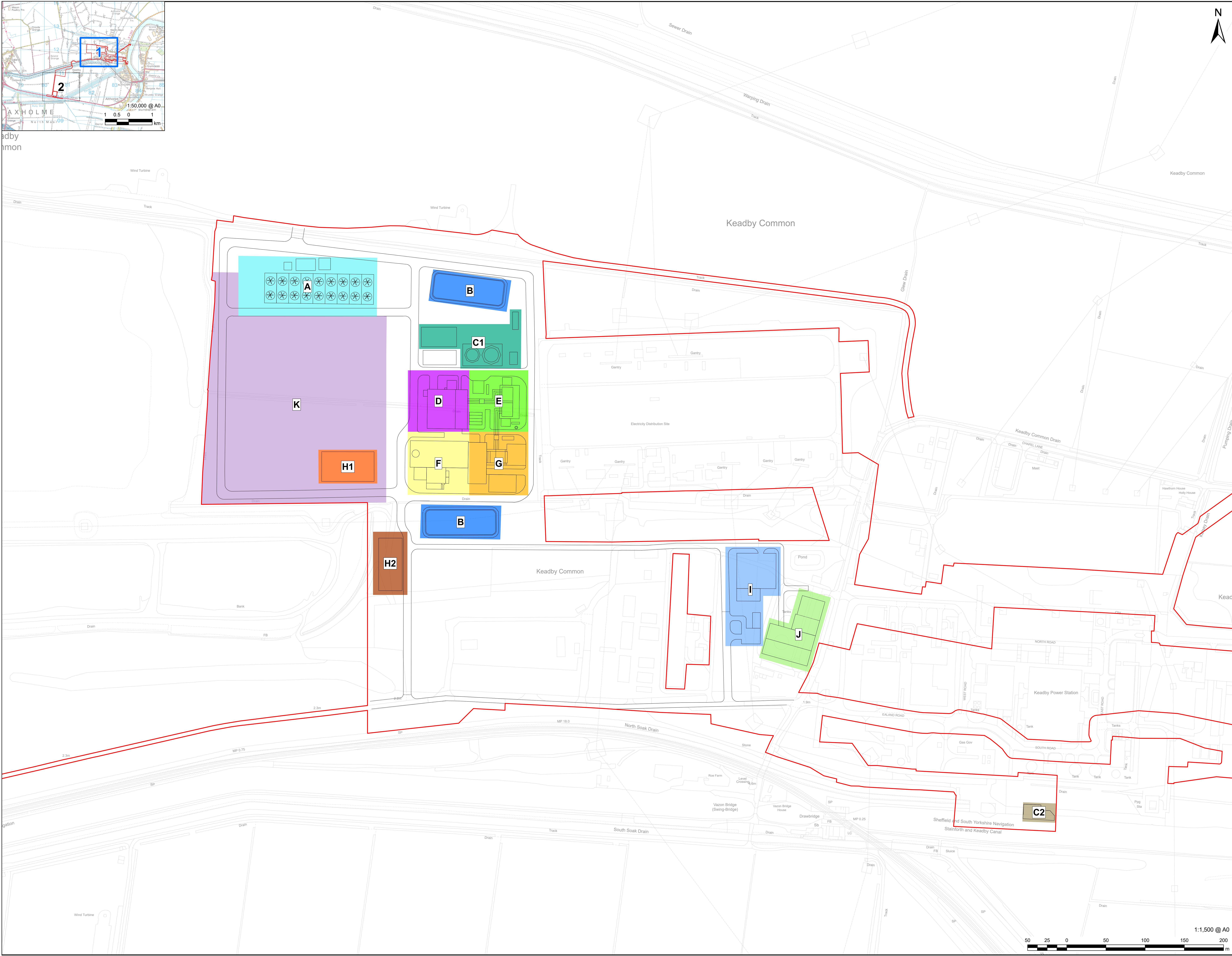
Document History

Document Ref	2.6 / Indicative Proposed Power Station Layout Elevations and Sections Plans
Version	V0
Document Owner	AECOM



Keadby
Common

Filename: I:\5004 - Information Systems\60721867_Keadby_Hydrogen_DCO\DCO_Maps\DCO_Plans\KHy_DCO_Fig_2.6_PowerStationLayoutElevation_R00.aprx



AECOM

PROJECT

**Keadby
Next Generation
Power Station**
Hydrogen-enabled flexible power

A collaboration between SSE Thermal and Equinor

CONSULTANT

AECOM Limited
Midpoint
Alencon Link,
Basingstoke, RG21 7PP
www.aecom.com

LEGEND

PROPOSED
DEVELOPMENT SITE
(ORDER LIMITS)
INDICATIVE SITE
LAYOUT

INDICATIVE PARTS OF THE
SITE:

A : COOLING TOWERS
B : ATTENUATION
POND
C1 : RAW WATER
TREATMENT
C2 : ABSTRACTION
PUMP
D : STEAM TURBINE
AND AUXILLARIES
E : POWER ISLAND
ELECTRICAL
EQUIPMENT
F : HRSG AND
AUXILLARIES
G : GAS TURBINE AND
AUXILLARIES
H1 : HYDROGEN AGI
H2 : NATURAL GAS AGI
I : GATEHOUSE
SECURITY AND
PARKING
J : ADMIN CONTROL
ROOM AND STORES
BUILDING
K : CARBON CAPTURE
READINESS RESERVE
L : GATE HOUSE

NOTES

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**Keadby Next Generation Power
Station - Schedule 1 - Authorised
Development. In the Borough of
North Lincolnshire, a nationally
significant infrastructure project as
defined in sections 14(1)(a) and 15
of the 2008 Act and associated
development.**

APPLICATION REFERENCE

Application Document Ref. 2.6

ISSUE PURPOSE

DCO APPLICATION

PROJECT NUMBER

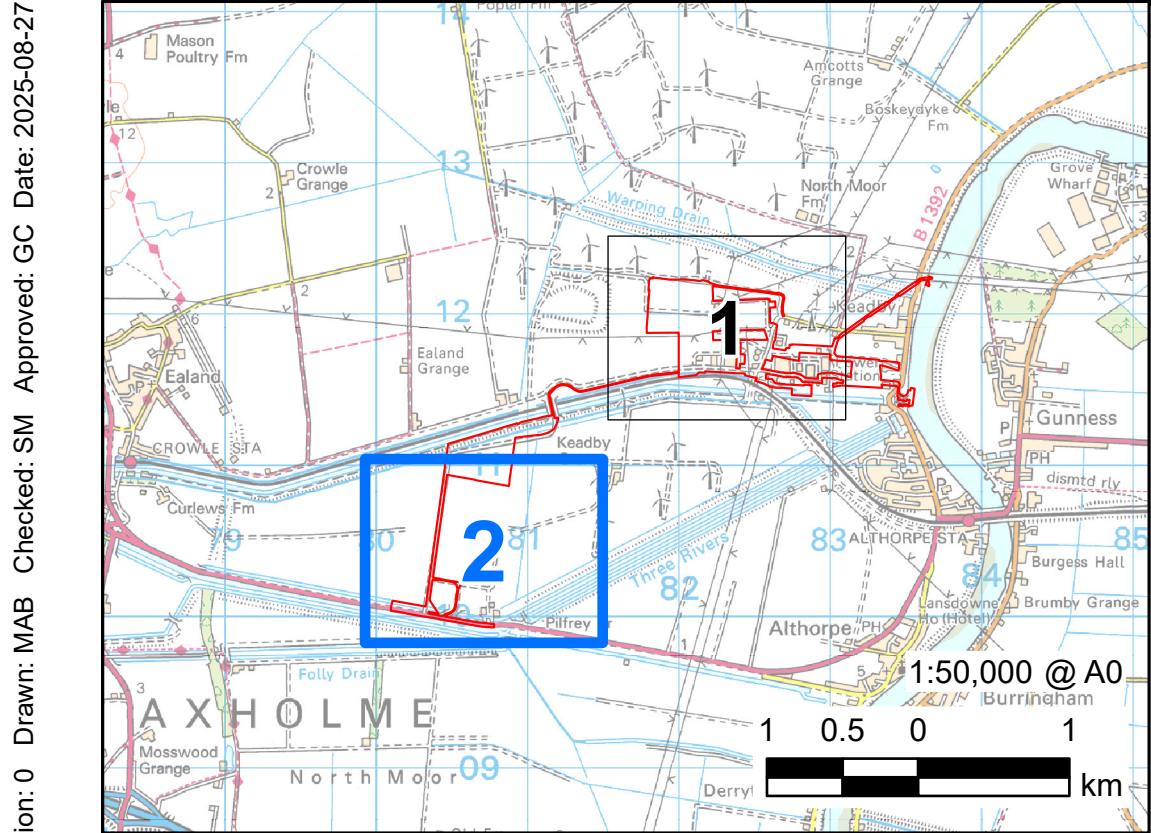
60721867

SHEET TITLE

Indicative Proposed Power Station
Layout

SHEET NUMBER

Sheet 1 of 4



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Basingstoke, RG21 7PP
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- LEGEND**
- PROPOSED DEVELOPMENT SITE (ORDER LIMITS)**
- INDICATIVE SITE LAYOUT**
- INDICATIVE PARTS OF THE SITE:**
- A : COOLING TOWERS
 - B : ATTENUATION POND
 - C1 : RAW WATER TREATMENT
 - C2 : ABSTRACTION PUMP
 - D : STEAM TURBINE AND AUXILIARIES
 - E : POWER ISLAND ELECTRICAL EQUIPMENT
 - F : HRSG AND AUXILIARIES
 - G : GAS TURBINE AND AUXILIARIES
 - H1 : HYDROGEN AGI
 - H2 : NATURAL GAS AGI
 - I : GATEHOUSE SECURITY AND PARKING
 - J : ADMIN CONTROL ROOM AND STORES BUILDING
 - K : CARBON CAPTURE READINESS RESERVE
 - L : GATE HOUSE

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SHEET TITLE

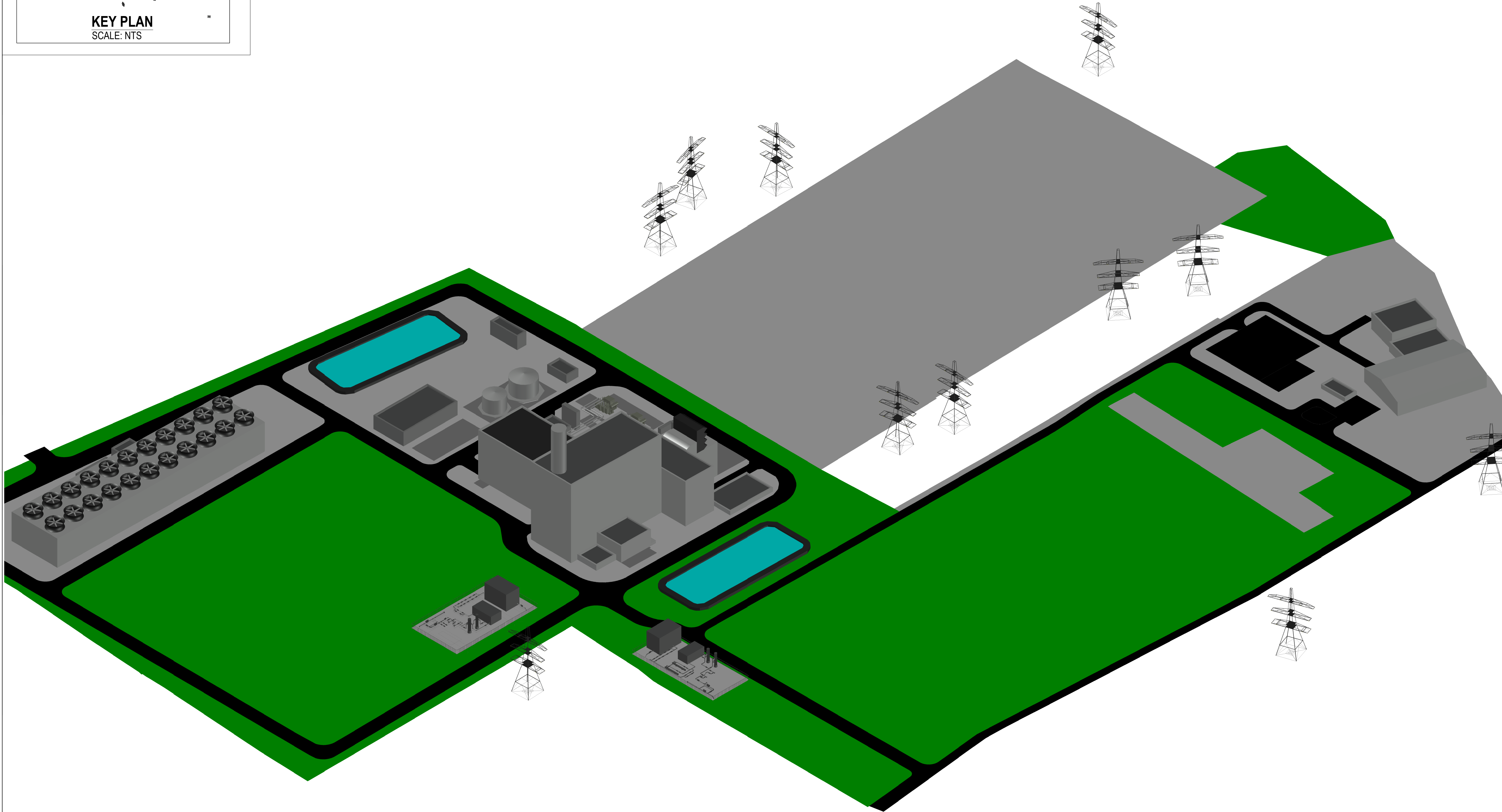
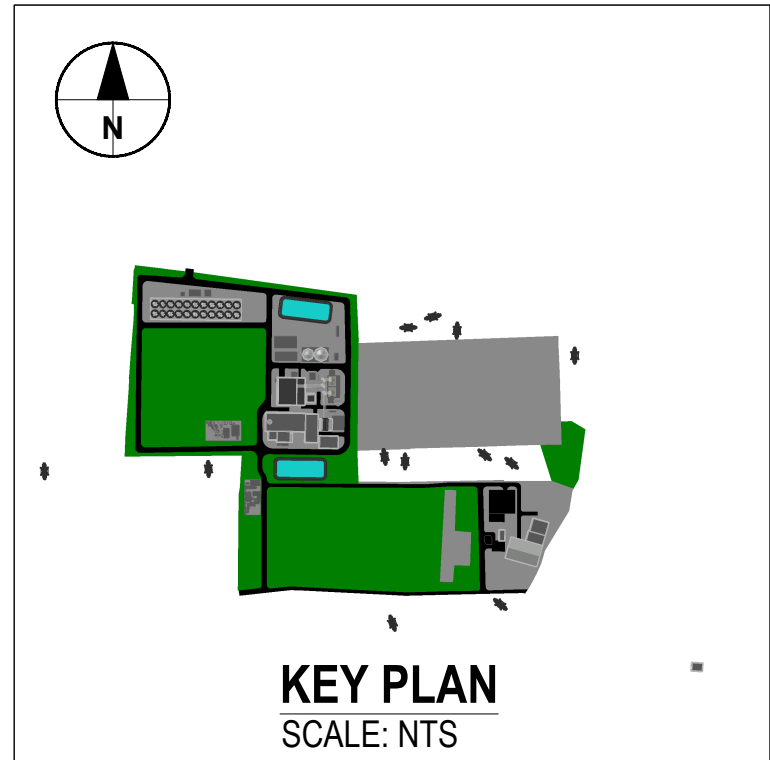
Indicative Proposed Power Station Layout

SHEET NUMBER

Sheet 2 of 4



C:\Users\Sookraj\AECOM\Keadby Hydrogen Feasibility - General\Pre-FEED\900_CAD_GIS\920_GIS\04_Outgoing\DCO_Plans\AS UPDATES - 2025_08_28\26\Keadby Plant 3D model drawings - New CT



3D MODEL DRAWING - SW VIEW
SCALE: NTS

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2. High voltage pylons are existing.

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APPLICATION REFERENCE

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ISSUE PURPOSE

DCO APPLICATION

PROJECT NUMBER

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SHEET TITLE

Indicative Proposed Power Station Layout - 3D Model Drawing - SW View

SHEET NUMBER

Sheet 3 of 4

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PROJECT

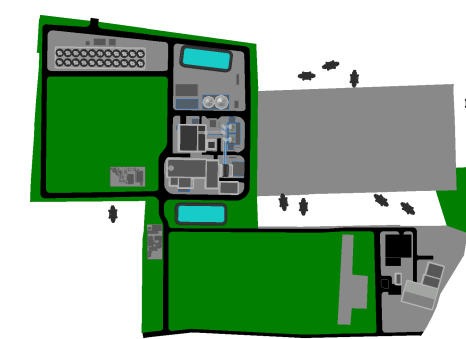
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LEGEND



KEY PLAN
SCALE: NTS

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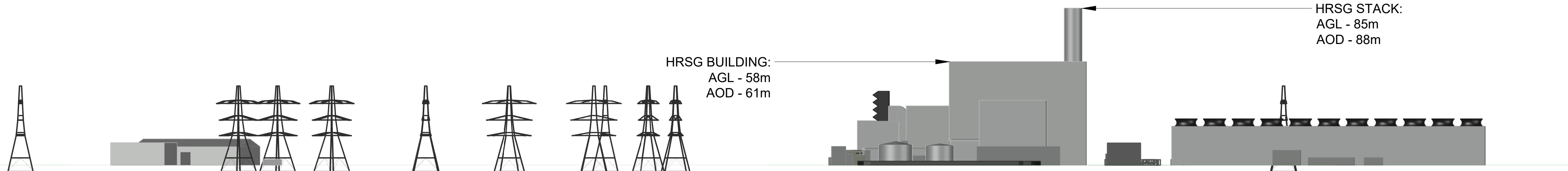
SHEET TITLE

Indicative Proposed Power Station Layout - Elevation Drawing

SHEET NUMBER

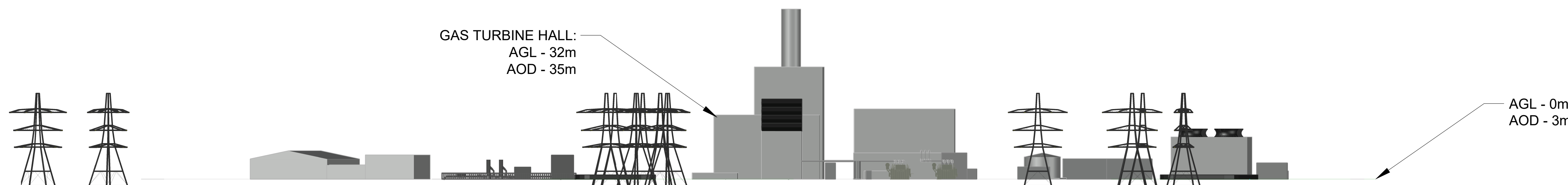
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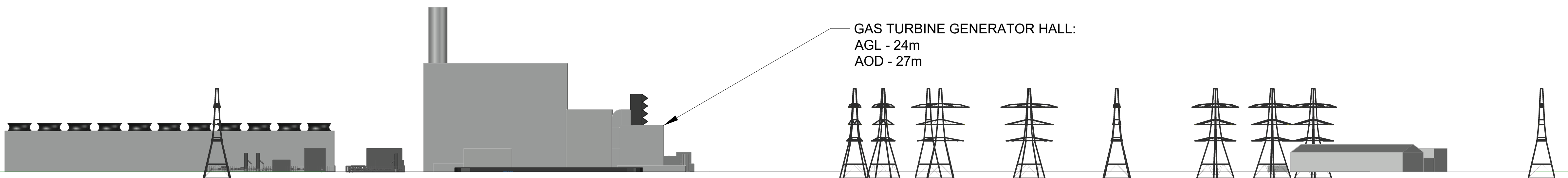
NORTH ELEVATION

SCALE: 1:1250



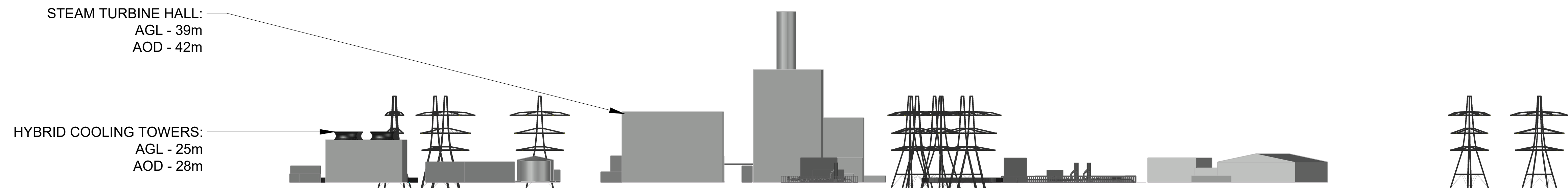
EAST ELEVATION

SCALE: 1:1250



SOUTH ELEVATION

SCALE: 1:1250



WEST ELEVATION

SCALE: 1:1250

0 150 300
1:1250 @ A1
m

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