BAE SYSTEMS PROPRIETARY

NOTES

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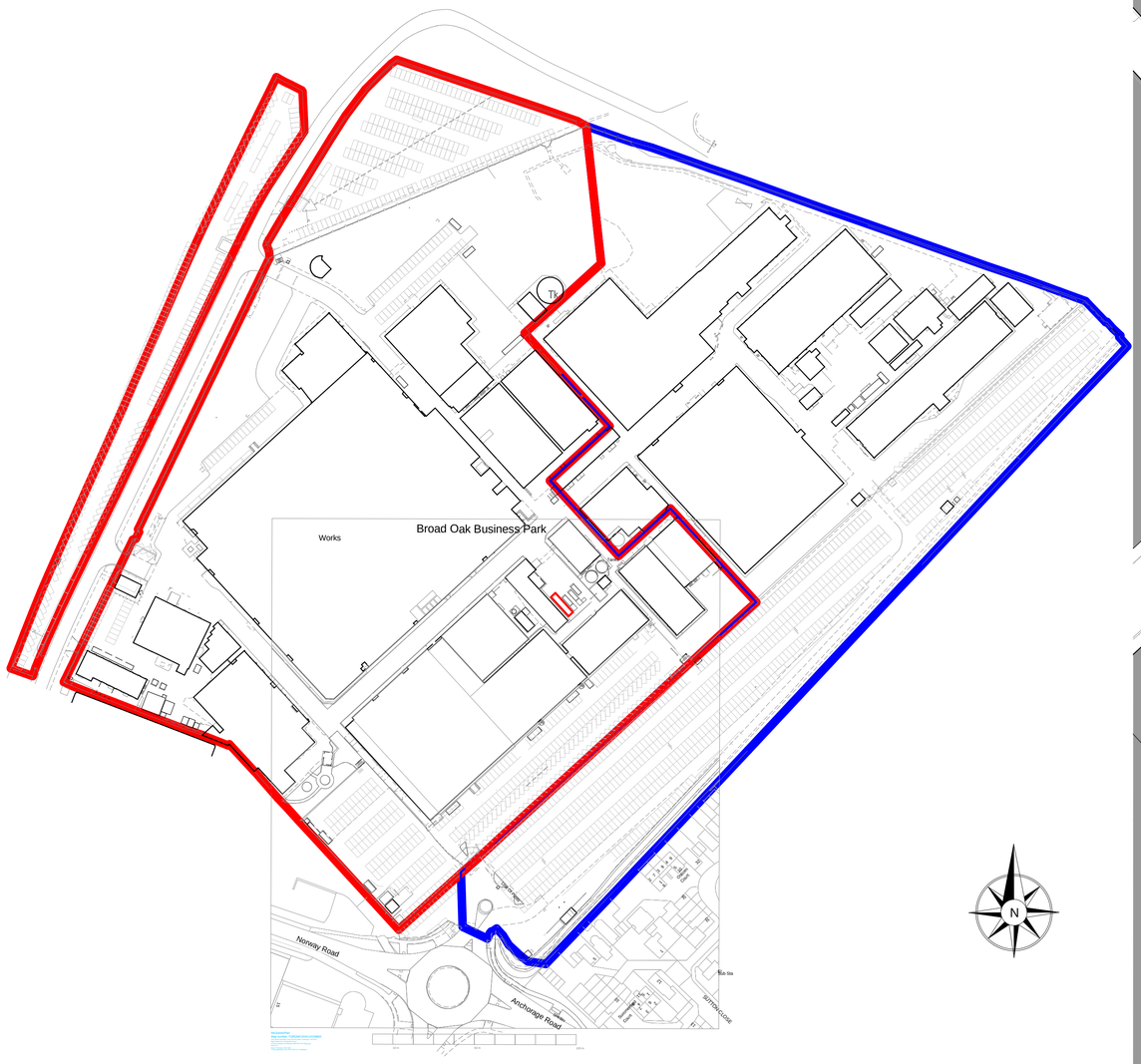
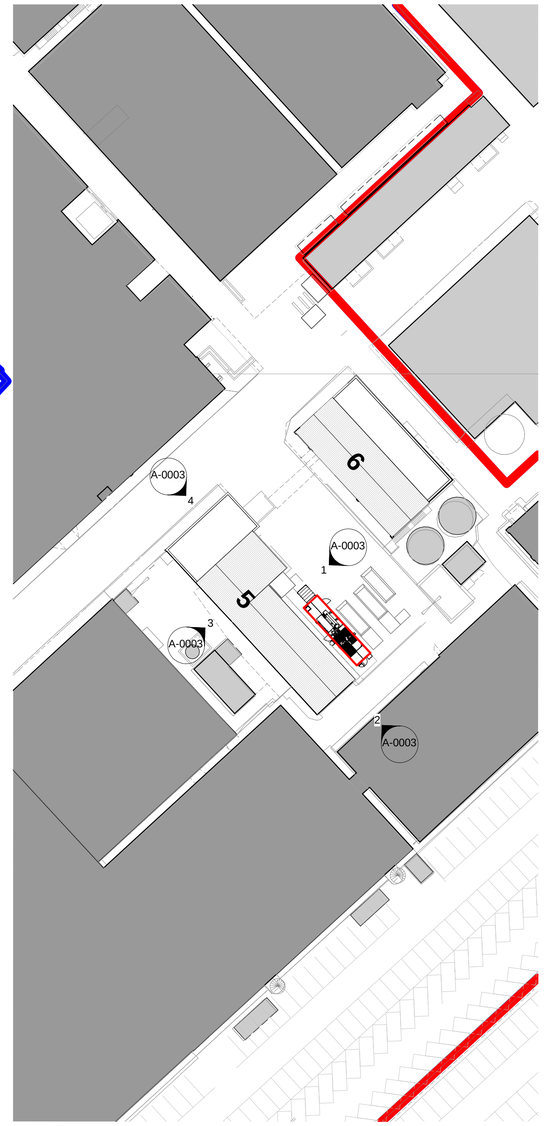


Location Plan
1 : 1500

0 15 30 45 60 75 90 105 120
Scale 1:1500 @ A1 Meters

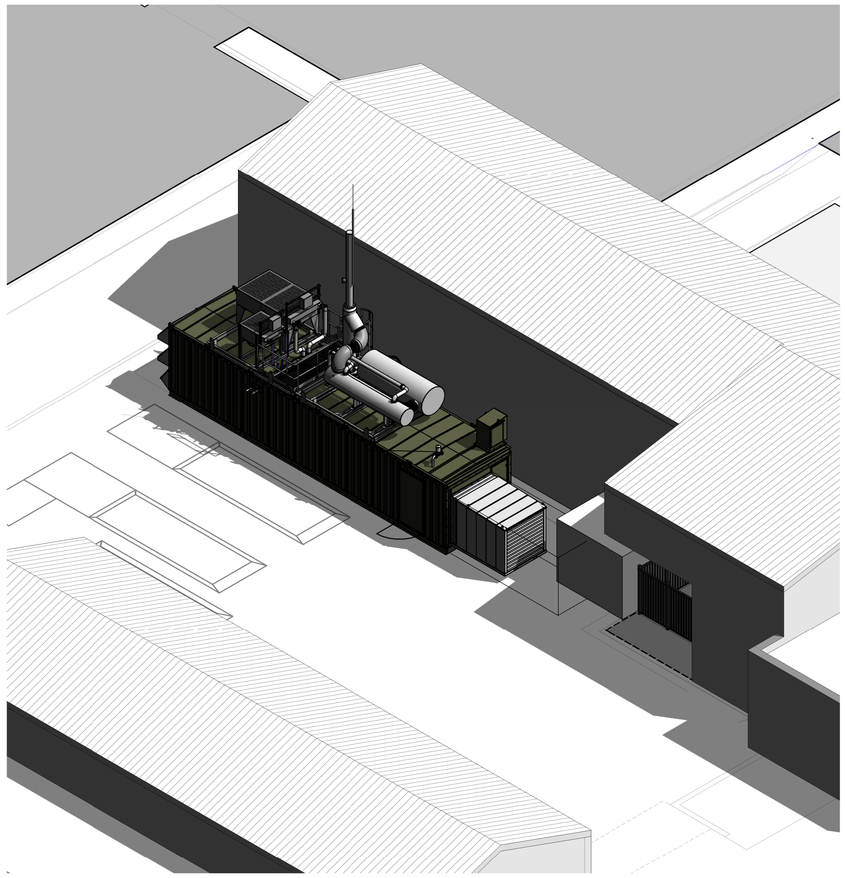


Block Plan
1 : 500

0 5 10 15 20 25 30 35 40
Scale 1:500 @ A1 Meters

CHP DETAILS:

- CHP Engine: MWM TCG 3016 V12 600kWe natural gas engine
- NO_x emission (8% tolerance): 250mg/Nm^3 @5% O_2 to meet Medium Combustion Product Directive (MCPD) Emission Limit Values (ELV) requirements
- Noise emission: 75dB(A) at 1m from unit and 1.2m above ground in free field conditions for exhaust silencers, enclosure ventilation and dry air coolers operating together
- Operating hours: 24/7 365 days per annum subject to service intervals
- CHP container colour to be olive green - RAL6003



3D VIEW

Issue	Description	Date	By	Approved by
2	UPDATE TO PLANNING APPLICATION DRAWINGS TO SHOW OS LOCATION PLAN, BLOCK PLAN AND AMENDED SITE PLAN. LIGHTNING PROTECTION MASS ADDED TO CHP FLUE.	JAN 20	NH	AL
1	PLANNING APPLICATION DRAWINGS	OCT 20	MJS	AL
P1	ISSUED FOR INTERNAL REVIEW	OCT 20	MJS	AL

BAE SYSTEMS
Real Estate Solutions
Portway House, No. 1 The Pavilions
Portway, Preston,
Lancashire, PR2 2YB,
United Kingdom.
Tel. No. +44 (0)1772 205101
Email. enquiries@baesystems.com
Web site. www.baesystems.com

Location: BAE SYSTEMS, BROAD OAK WORKS, PORTSMOUTH, PO3 5PQ
Project: BROAD OAK - CHP PROJECT
Facility: BUILDING 5 - CHP
Title: LOCATION PLAN

Scale:	Drawn:	Date:	Designer:
As indicated @ A1	AS	JAN 20	BAE

Dwg. No: Proj No. 00-GF-DR A-0001 | Suitb: | Issue: 2

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Legend

BAE Systems Site / Demise Boundary

Airbus Site / Demise Boundary

Gate No.1

Site access via Gate 1, for plant delivery

TK

5

6

Norway Road

Anchorage Road

PROPOSED LOCATION OF CHP CONTAINER

Site Plan

1 : 500

0 5 10 15 20 25 30 35 40 Meters

Scale 1:500 @ A1

2	UPDATE TO PLANNING APPLICATION DRAWINGS TO SHOW OS LOCATION PLAN, BLOCK PLAN AND AMENDED SITE PLAN. LIGHTNING PROTECTION MASS ADDED TO CHP FLUE.	JAN 20	NH	AL
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Issue	Description	Date	By	Approved by

BAE SYSTEMS
Real Estate Solutions
Portway House, No. 1 The Pavilions
Portway, Preston,
Lancashire, PR2 2YB,
United Kingdom.
Tel. No. +44 (0)1772 205101
Email: ses-re@baesystems.com
Web site: www.baesystems.com

Location: BAE SYSTEMS, BROAD OAK WORKS, PORTSMOUTH, PO3 5PQ
Project: BROAD OAK - CHP PROJECT
Facility: BUILDING 5 - CHP
Title: SITE PLAN

Scale:	Drawn:	Date:	Designer:
1 : 500 @ A1	AS	JAN 20	BAE

Dwg. No: Proj No. 00-GF-DR A-0002 | Suitb: | Issue: 2

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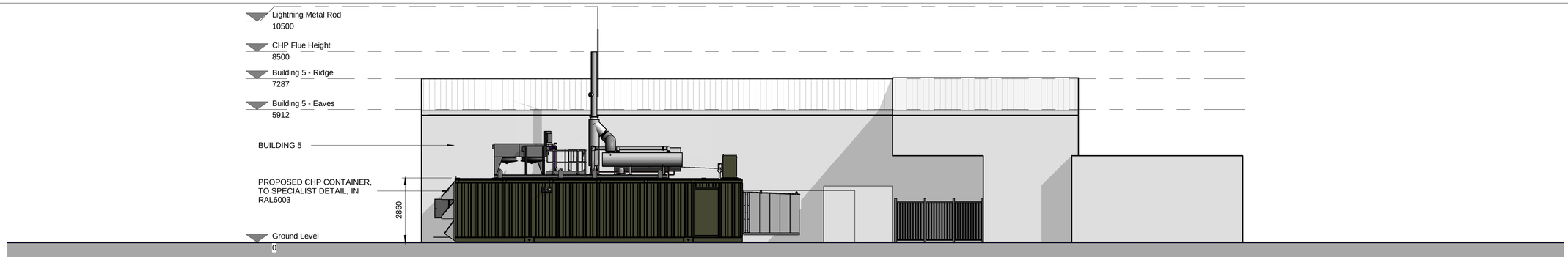
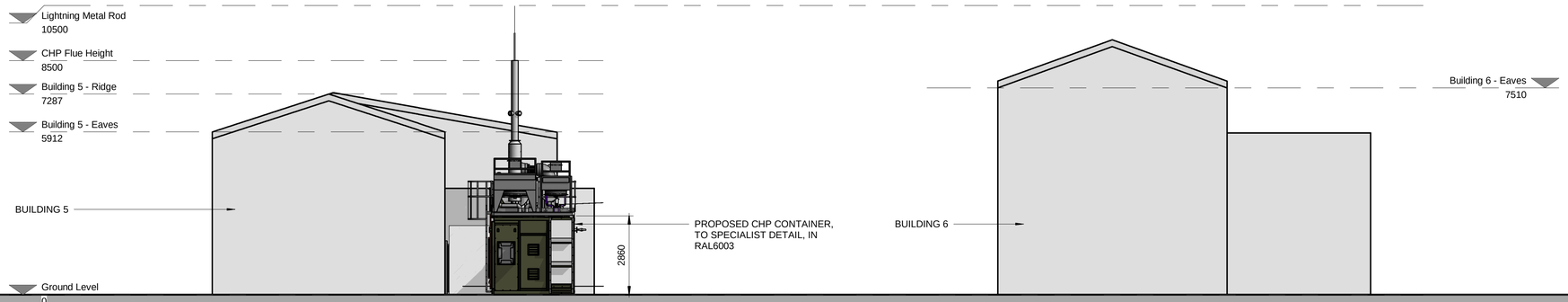
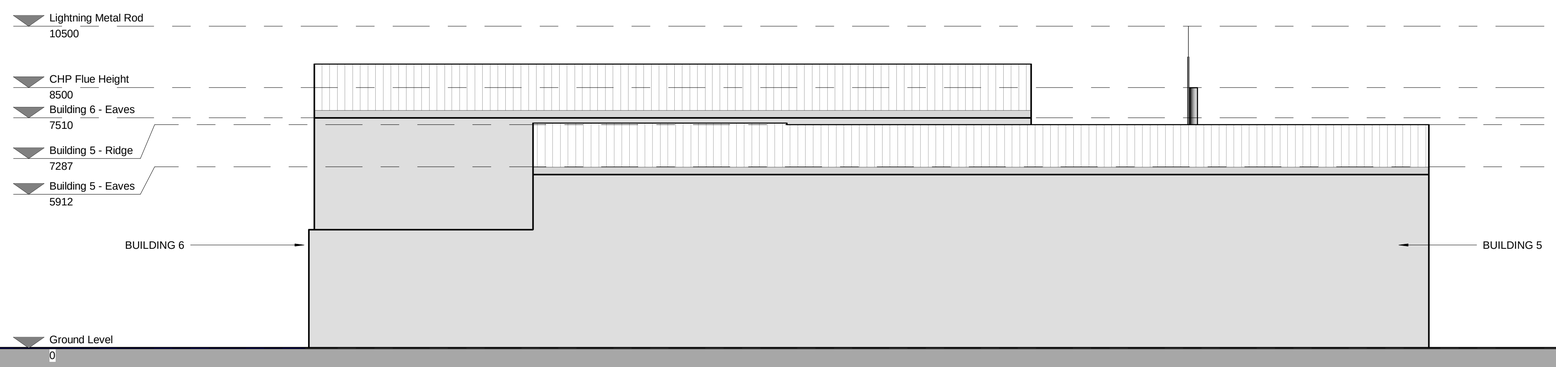


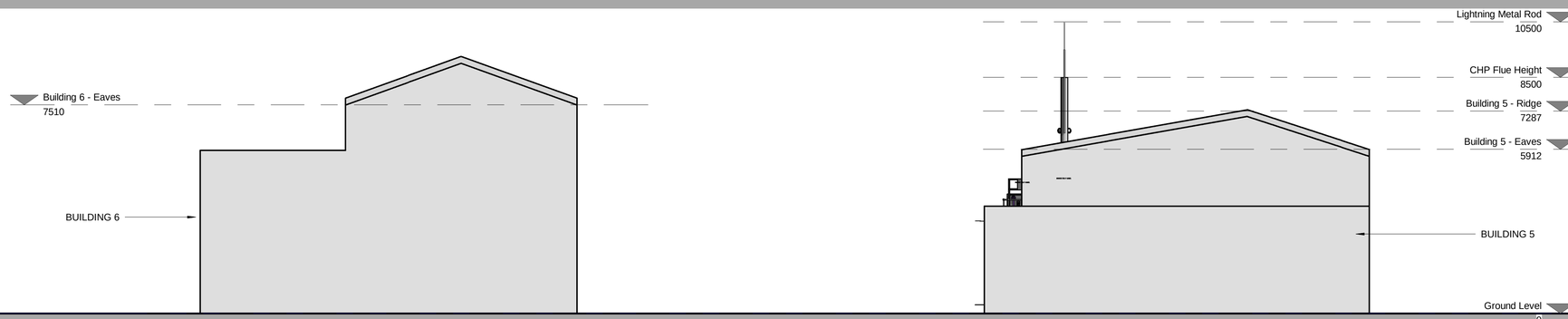
Proposed Elevation - North
1 : 100



Proposed Elevation - East
1 : 100



Proposed Elevation - South
1 : 100



Proposed Elevation - West
1 : 100

0 1 2 3 4 5 6 7 8
Scale 1:100 @ A1 Meters

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1	PLANNING APPLICATION DRAWINGS	OCT 20	MJS	AL
P1	ISSUED FOR INTERNAL REVIEW	OCT 20	MJS	AL
Issue	Description	Date	By	Approved by

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Location: BAE SYSTEMS, BROAD OAK WORKS, PORTSMOUTH, PO3 5PQ
Project: BROAD OAK - CHP PROJECT
Facility: BUILDING 5 - CHP
Title: PROPOSED ELEVATIONS

Scale:	Drawn:	Date:	Designer:
1 : 100 @ A1	AS	JAN 20	BAE

Dwg. No: Proj No. 00-ZZ-DR A-0003 | Suitb: | Issue: 2

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