



WORKS PLANS

Drax Bioenergy with Carbon Capture and Storage

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

Document Reference Number: 2.3

Applicant: Drax Power Limited

PINS Reference: EN010120



REVISION: 04

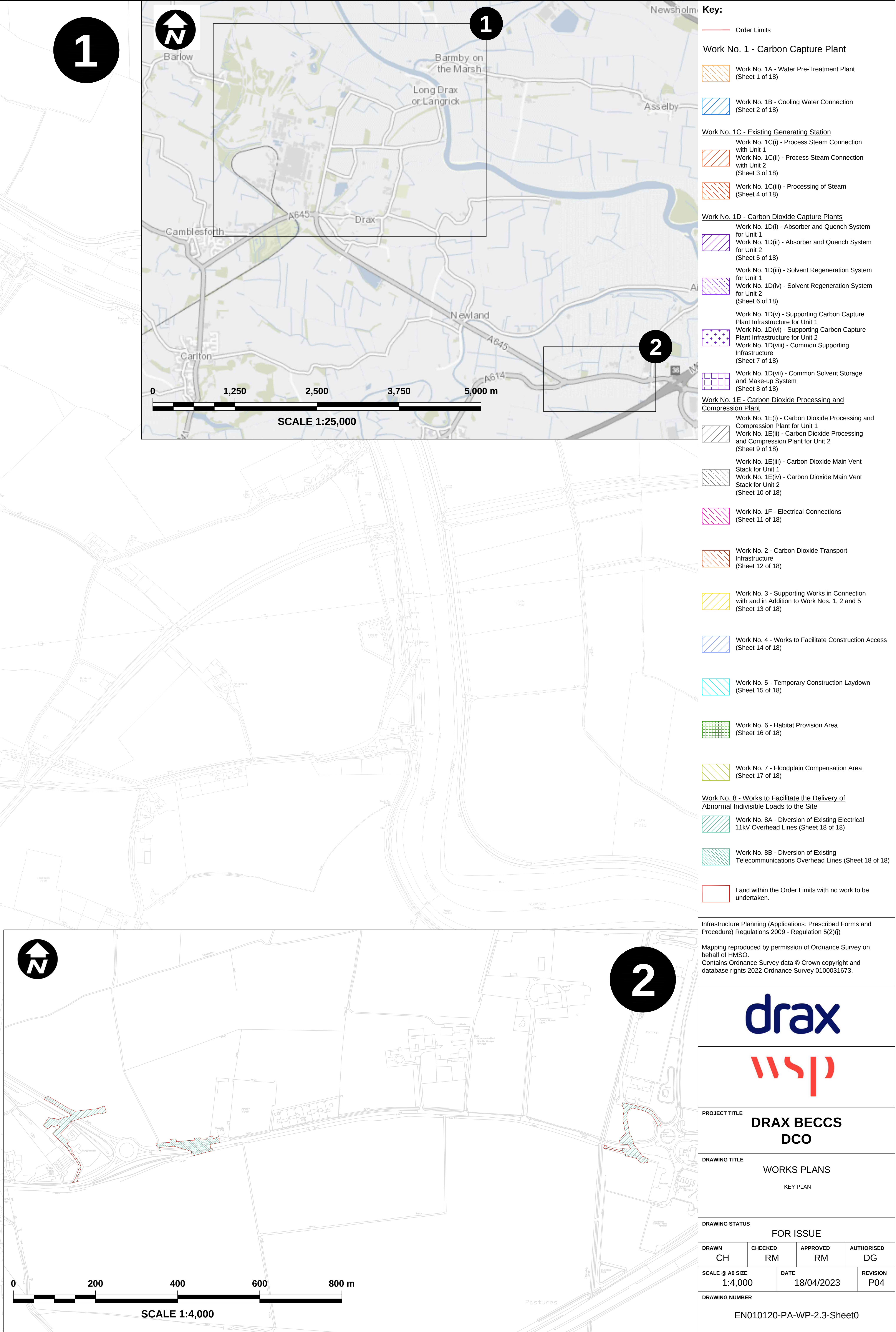
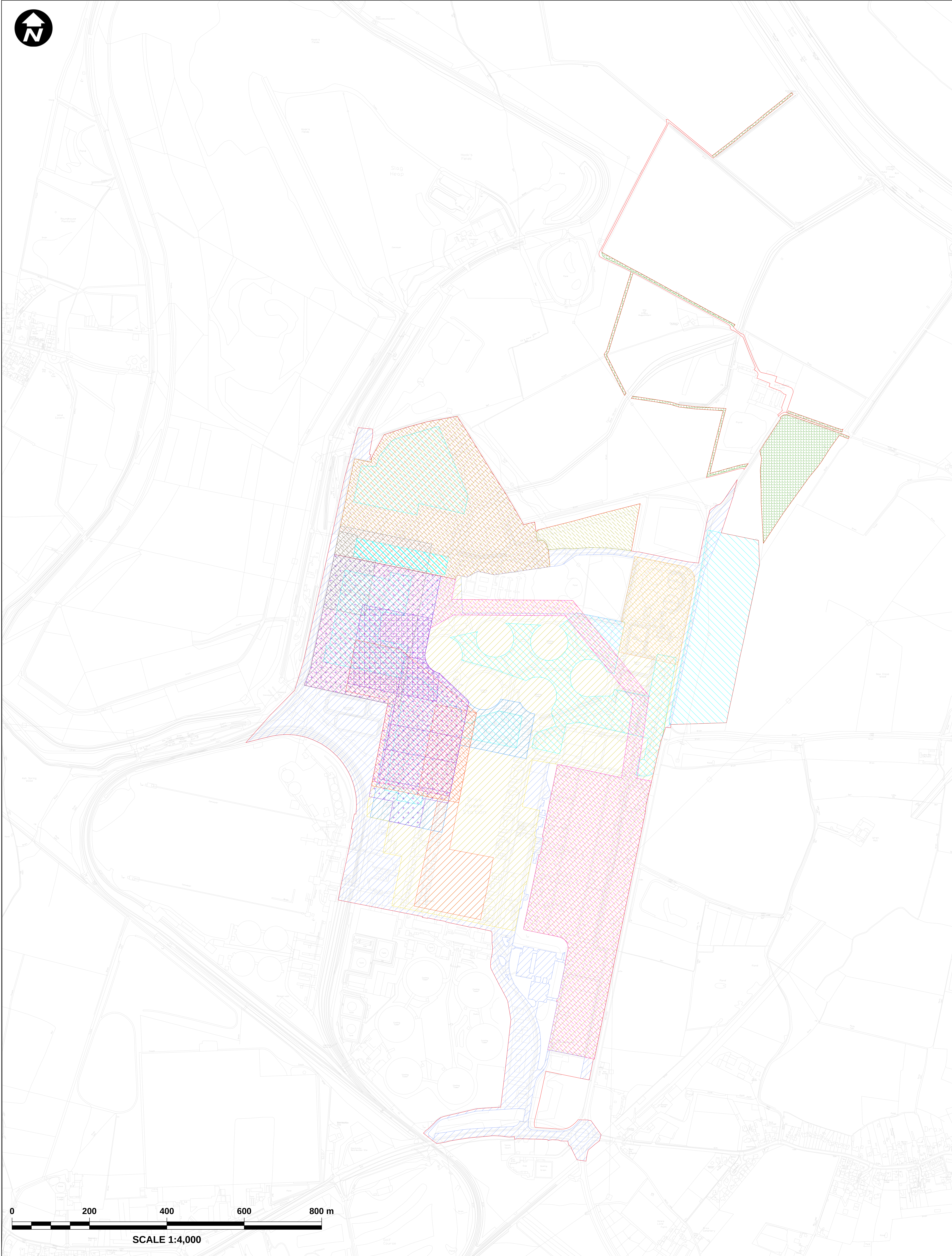
DATE: April 2023

DOCUMENT OWNER: WSP UK Limited

AUTHOR: C. Hachmann

APPROVER: R. Makin

PUBLIC





Key:

Order Limits

Work No. 1A - Water Pre-Treatment Plant

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PROJECT TITLE

DRAX BECCS DCO

DRAWING TITLE

WORKS PLANS

WORK NO. 1A - WATER PRE-TREATMENT PLANT
(SHEET 1 OF 18)

DRAWING STATUS

FOR ISSUE

DRAWN	CHECKED	APPROVED	AUTHORISED
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1:2,500	19/12/2022	P03

DRAWING NUMBER

EN010120-PA-WP-2.3-Sheet1



Key:

Order Limits

Work No. 1B - Cooling Water Connection

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PROJECT TITLE

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DRAWING TITLE

WORKS PLANS
WORK NO. 1B - COOLING WATER CONNECTION
(SHEET 2 OF 18)

DRAWING STATUS

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DRAWN CH	CHECKED RM	APPROVED RM	AUTHORISED DG
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DRAWING NUMBER

EN010120-PA-WP-2.3-Sheet2



Key:

- Order Limits
- Work No. 1C(i) - Process Steam Connection with Unit 1
- Work No. 1C(ii) - Process Steam Connection with Unit 2

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PROJECT TITLE
DRAX BECCS DCO

DRAWING TITLE
WORKS PLANS
WORK NO. 1C(i,ii) - PROCESS STEAM CONNECTIONS WITH UNITS 1 AND 2 (SHEET 3 OF 18)

DRAWING STATUS
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EN010120-PA-WP-2.3-Sheet3



Key:

Order Limits

Work No. 1C(iii) - Processing of Steam

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PROJECT TITLE

DRAX BECCS DCO

DRAWING TITLE

WORKS PLANS

WORK NO. 1C(iii) - PROCESSING OF STEAM
(SHEET 4 OF 18)

DRAWING STATUS

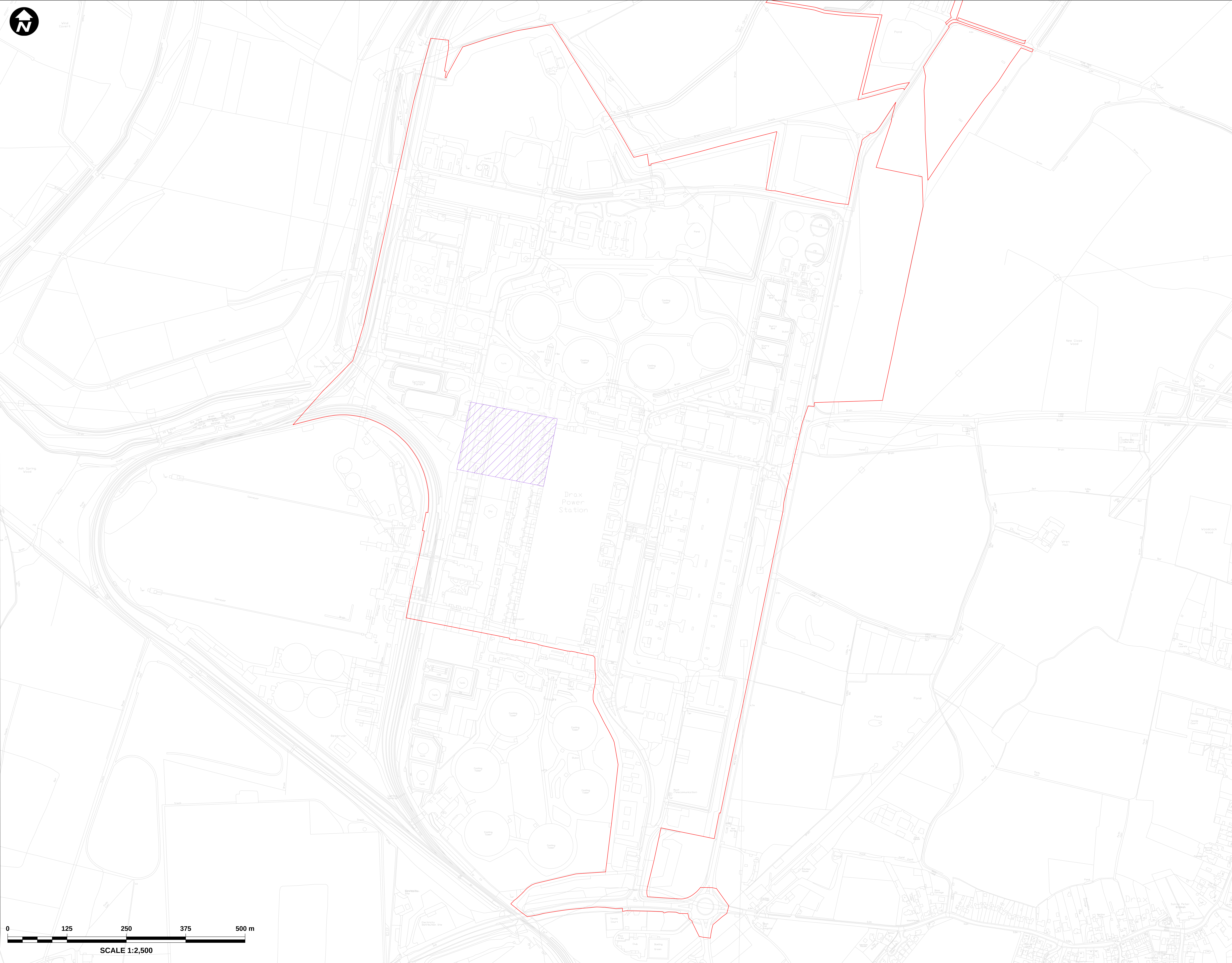
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EN010120-PA-WP-2.3-Sheet4



Key:

Order Limits

Work No. 1D(i) - Absorber and Quench System for Unit 1

Work No. 1D(ii) - Absorber and Quench System for Unit 2

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PROJECT TITLE

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WORKS PLANS

WORK NO. 1D(i,ii) - ABSORBER AND QUENCH SYSTEMS FOR UNITS 1 AND 2
(SHEET 5 OF 18)

DRAWING STATUS

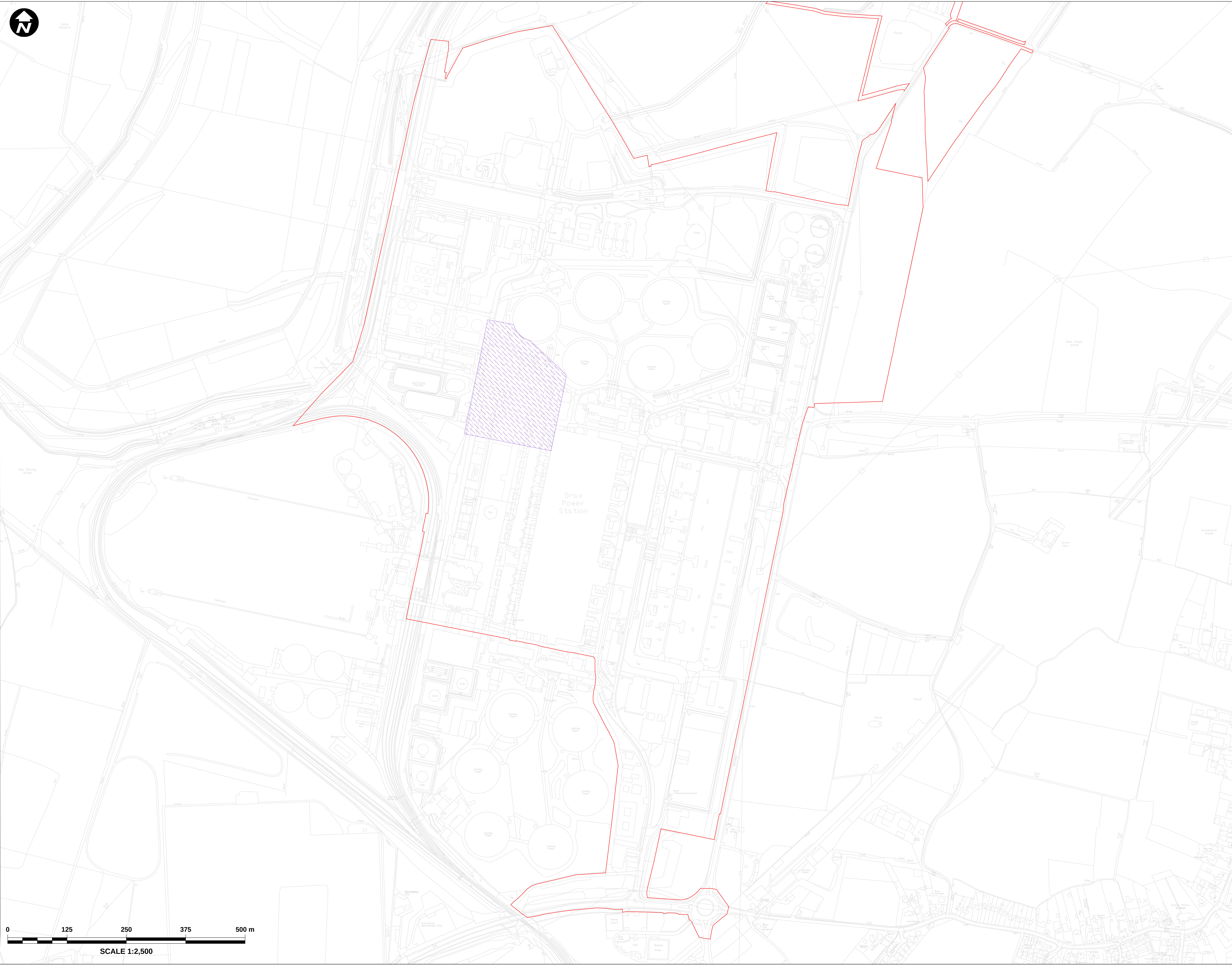
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1:2,500	19/12/2022	P03

DRAWING NUMBER

EN010120-PA-WP-2.3-Sheet5



Key:

- Order Limits
- Work No. 1D(iii) - Solvent Regeneration System for Unit 1
- Work No. 1D(iv) - Solvent Regeneration System for Unit 2

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PROJECT TITLE

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WORKS PLANS

WORK NO. 1D(iii) - SOLVENT REGENERATION SYSTEMS FOR UNITS 1 AND 2
(SHEET 6 OF 18)

DRAWING STATUS

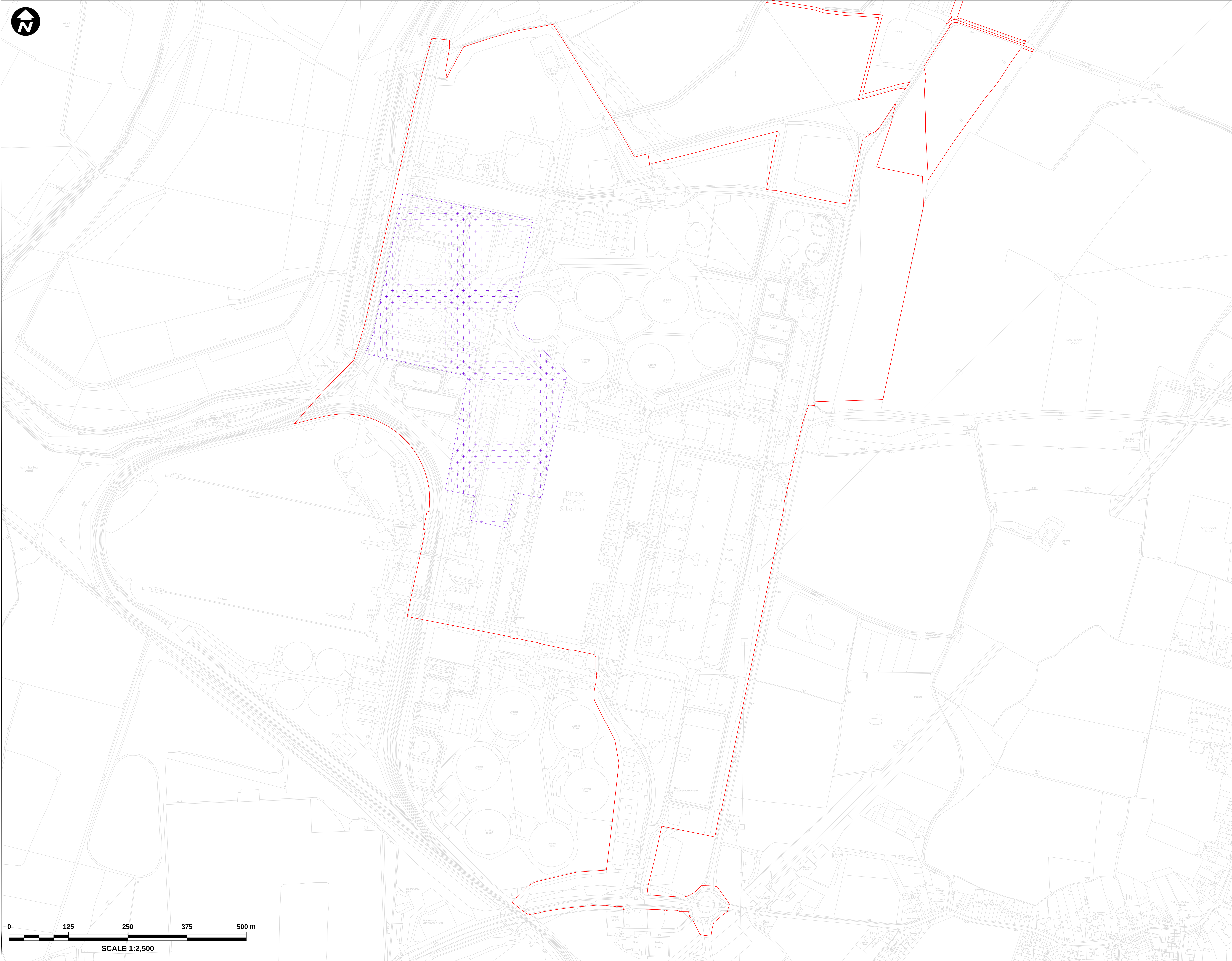
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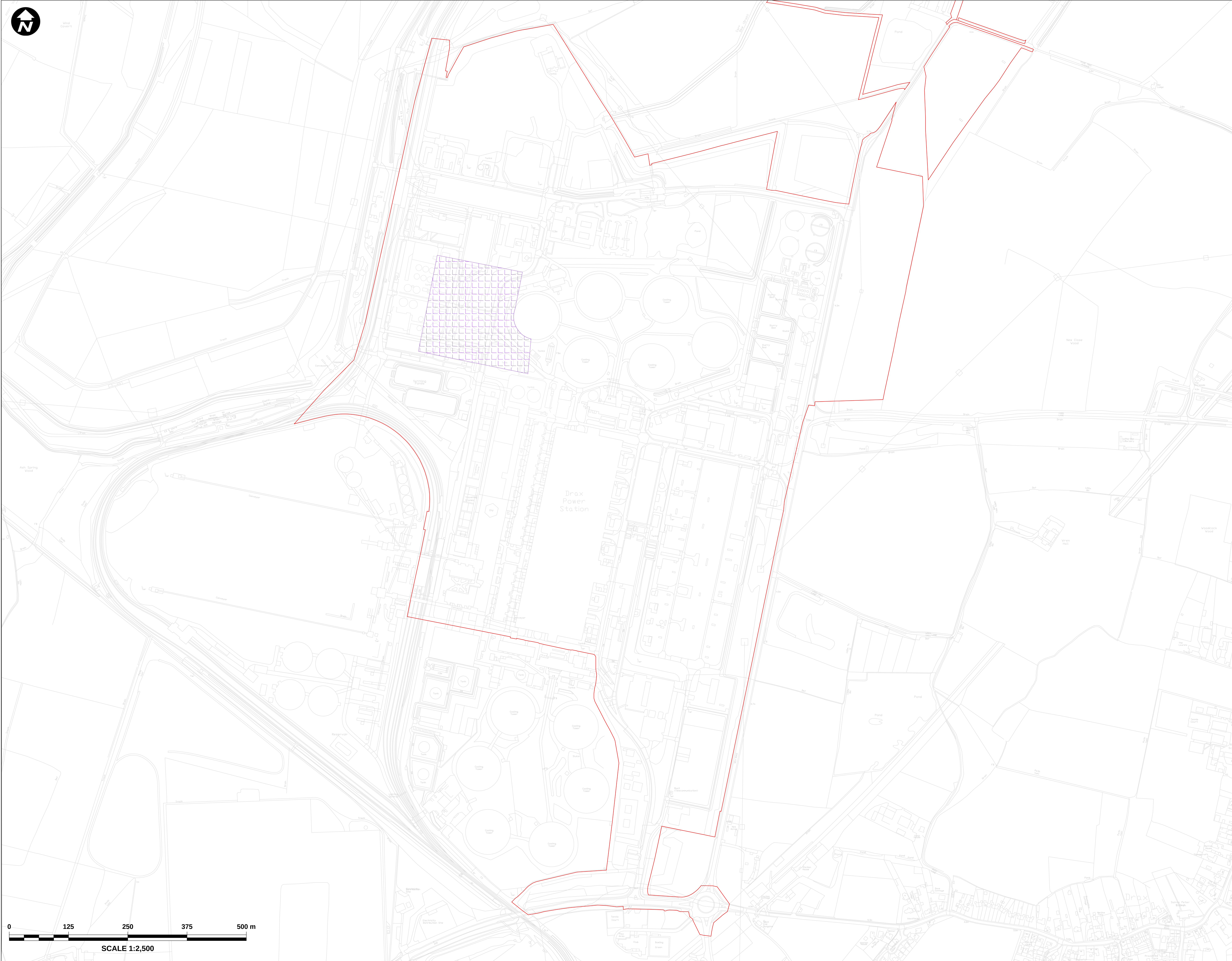
Key:

- Order Limits
- Work No. 1D(v) - Supporting Carbon Capture Plant Infrastructure for Unit 1
- Work No. 1D(vi) - Supporting Carbon Capture Plant Infrastructure for Unit 2
- Work No. 1D(viii) - Common Supporting Infrastructure

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DRAWING TITLE			
WORKS PLANS			
WORK NO. 1D(v,viii) - SUPPORTING CARBON CAPTURE PLANT INFRASTRUCTURE FOR UNITS 1 AND 2 AND COMMON SUPPORTING INFRASTRUCTURE (SHEET 7 OF 18)			
DRAWING STATUS			
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EN010120-PA-WP-2.3-Sheet7			



Key:

Order Limits

Work No. 1D(vii) - Common Solvent Storage and Make-up System

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PROJECT TITLE

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DRAWING TITLE

WORKS PLANS

WORK NO. 1D(vii) - COMMON SOLVENT STORAGE AND MAKE-UP SYSTEM
(SHEET 8 OF 18)

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EN010120-PA-WP-2.3-Sheet8



Key:

Order Limits

Work No. 1E(i) - Carbon Dioxide Processing and Compression Plant for Unit 1
Work No. 1E(ii) - Carbon Dioxide Processing and Compression Plant for Unit 2

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WORKS PLANS

WORK NO. 1E(i,ii) - CARBON DIOXIDE PROCESSING AND COMPRESSION PLANT (SHEET 9 OF 18)

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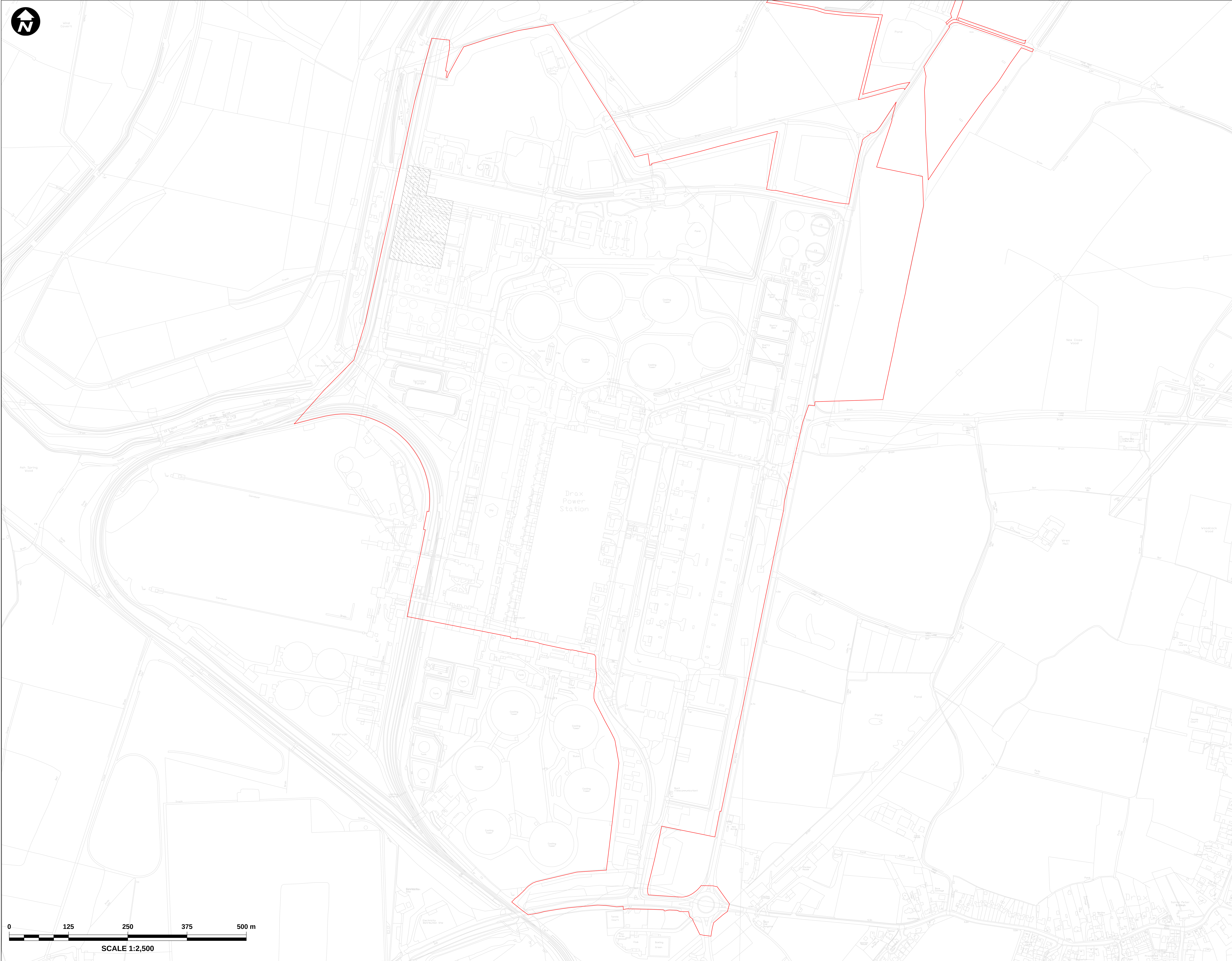
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P03

DRAWING NUMBER

EN010120-PA-WP-2.3-Sheet9



Key:

Order Limits

Work No. 1E(iii) - Carbon Dioxide Main Vent Stack for Unit 1
Work No. 1E(iv) - Carbon Dioxide Main Vent Stack for Unit 2

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PROJECT TITLE

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WORKS PLANS

WORK NO. 1E(iii) - CARBON DIOXIDE MAIN VENT STACKS FOR UNITS 1 AND 2 (SHEET 10 OF 18)

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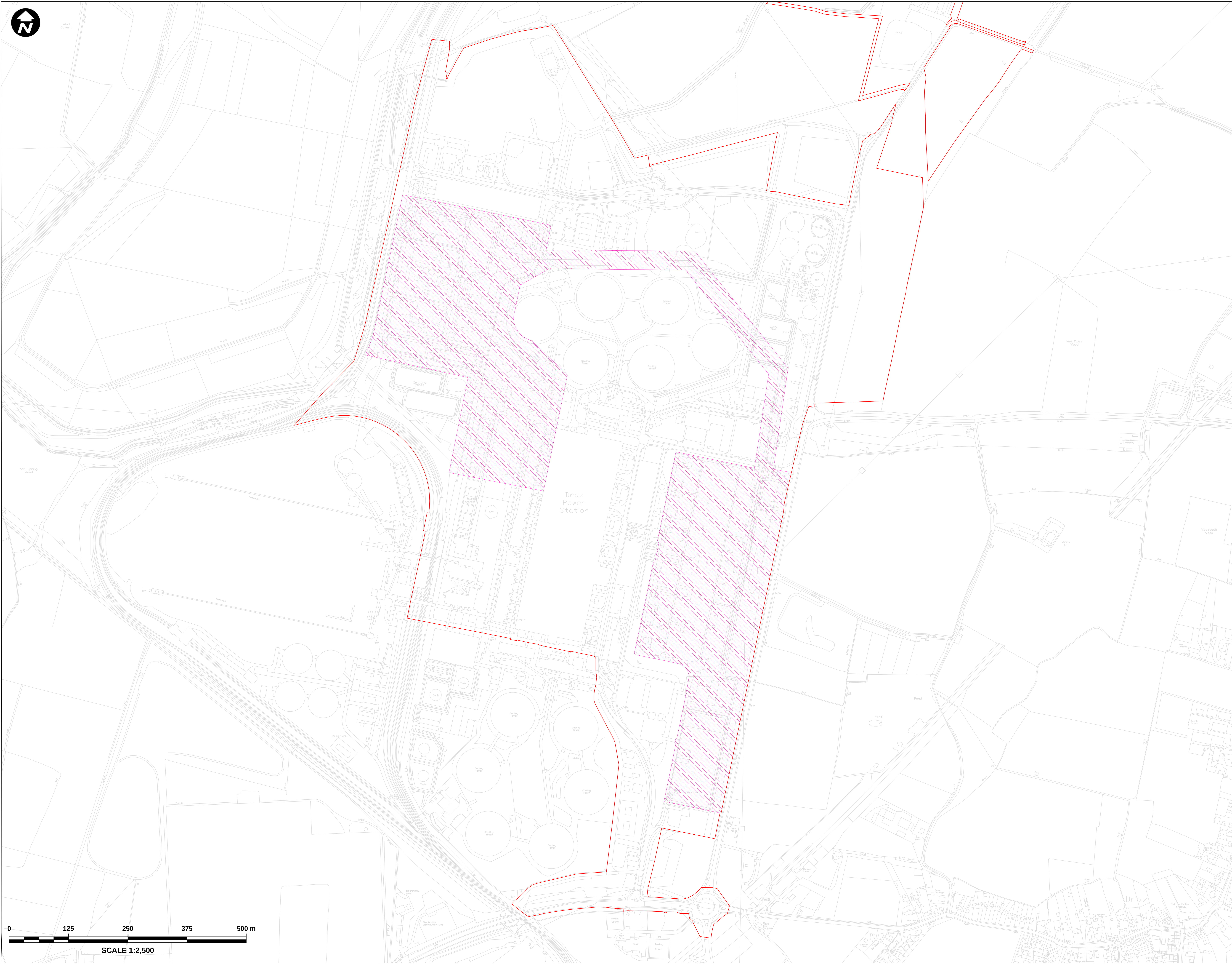
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Key:

Order Limits

Work No. 1F - Electrical Connections

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PROJECT TITLE

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WORKS PLANS
WORK NO. 1F - ELECTRICAL CONNECTIONS
(SHEET 11 OF 18)

DRAWING STATUS

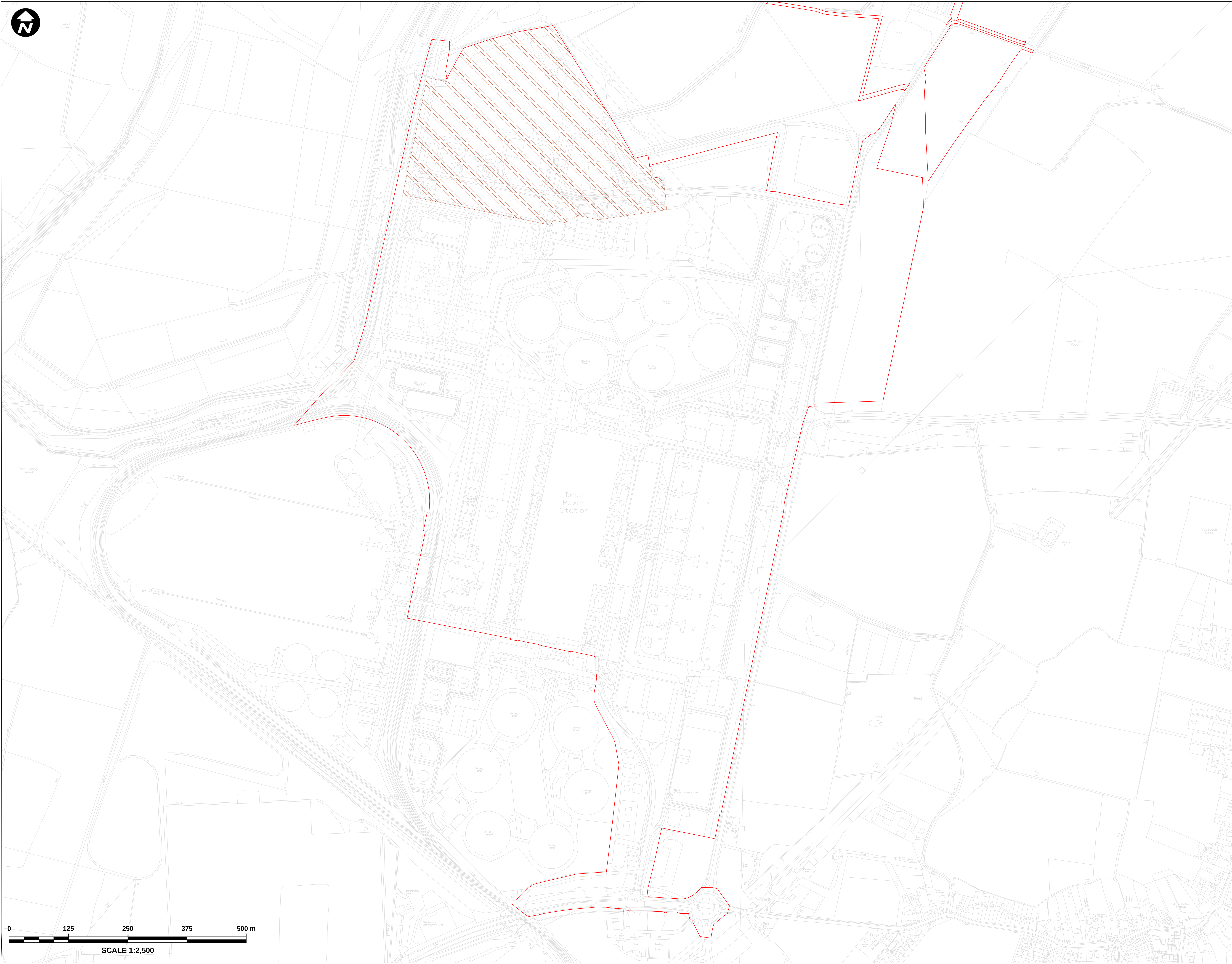
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Key:

Order Limits

Work No. 2 - Carbon Dioxide Transport Infrastructure

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WORKS PLANS
WORK NO. 2 - CARBON DIOXIDE TRANSPORT INFRASTRUCTURE
(SHEET 12 OF 18)

DRAWING STATUS

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DRAWING NUMBER

EN010120-PA-WP-2.3-Sheet12

Order Limits

Work No. 3 - Supporting Works in connection with and in addition to Work Nos. 1, 2 and 5

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WORKS PLANS

WORK NO. 3 - SUPPORTING WORKS IN CONNECTION WITH AND
IN ADDITION TO WORK NOS. 1, 2 AND 5
(SHEET 13 OF 18)

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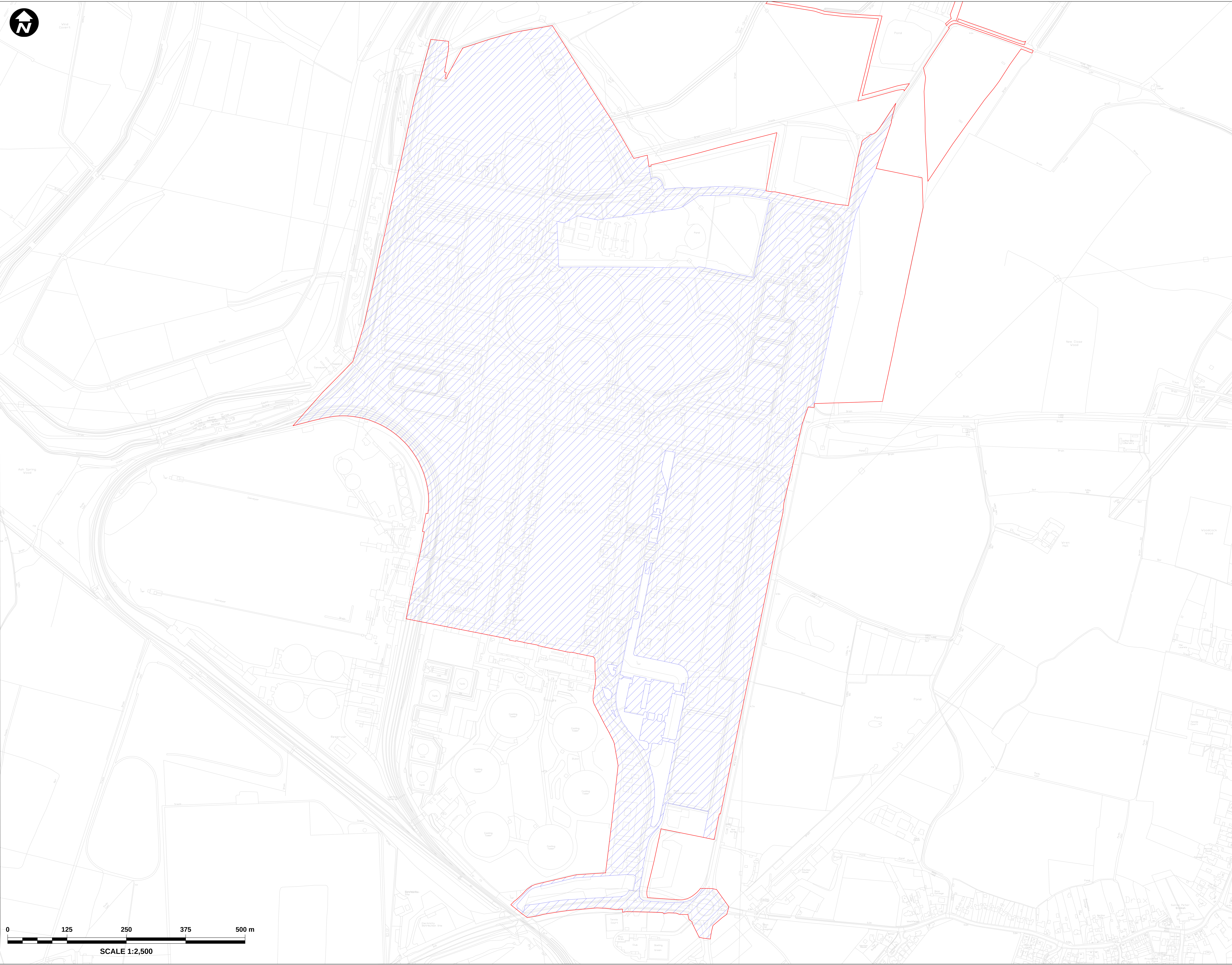
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EN010120-PA-WP-2.3-Sheet13



Key:

Order Limits

Work No. 4 - Works to Facilitate Construction Access

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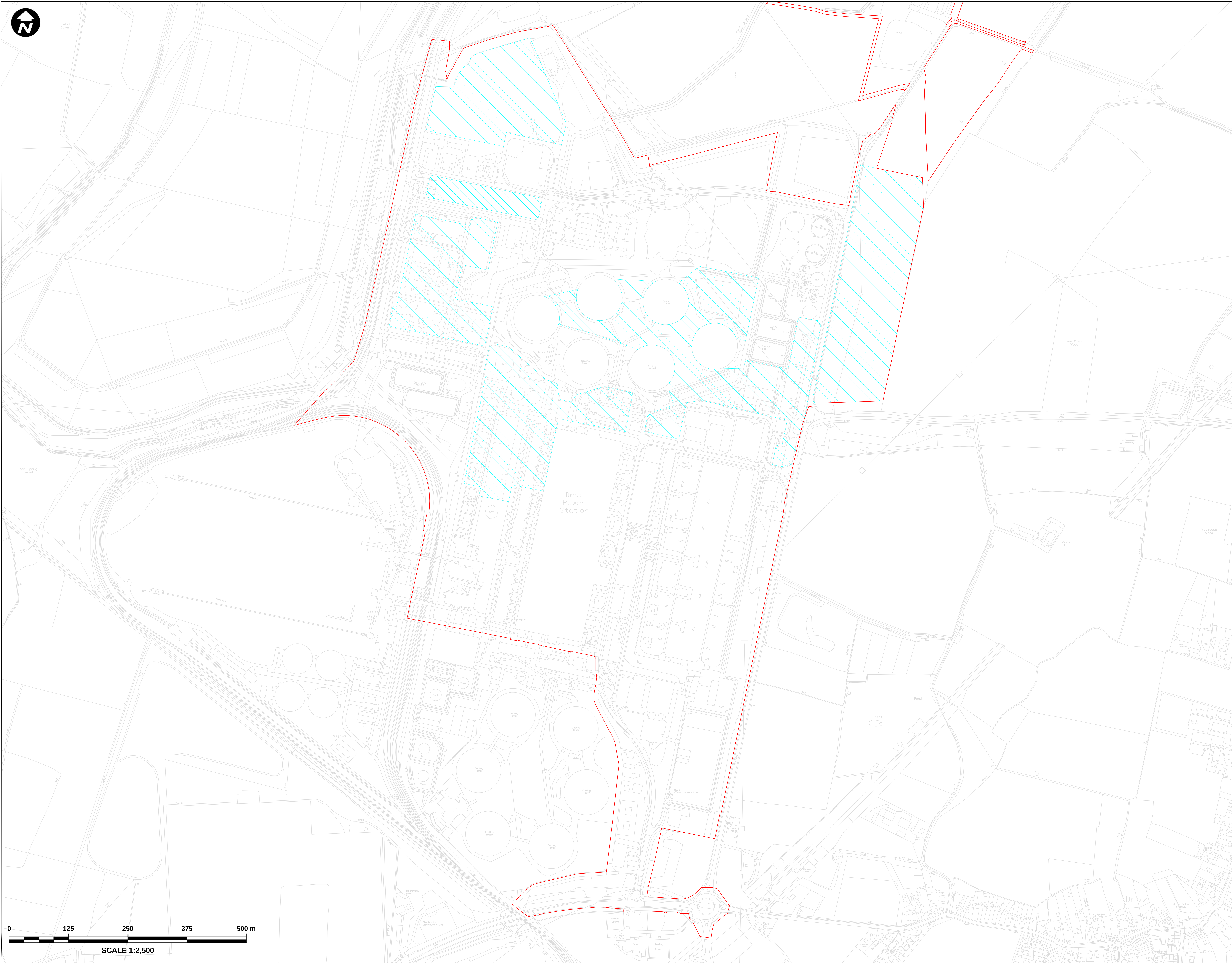


PROJECT TITLE
DRAX BECCS DCO

DRAWING TITLE
WORKS PLANS
WORK NO. 4 - WORKS TO FACILITATE CONSTRUCTION ACCESS
(SHEET 14 OF 18)

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DRAWING NUMBER
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Key:

Order Limits

Work No. 5 - Temporary Construction Laydown

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PROJECT TITLE

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WORKS PLANS

WORK NO. 5 - TEMPORARY CONSTRUCTION LAYDOWN
(SHEET 15 OF 18)

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EN010120-PA-WP-2.3-Sheet15

Order Limits



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WORK NO. 6 - HABITAT PROVISION AREA
(SHEET 16 OF 18)

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EN010120-PA-WP-2.3-Sheet16

 Order Limits

Work No. 7 - Floodplain Compensation Area

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WORKS PLANS

WORK NO. 7 - FLOODPLAIN COMPENSATION AREA
(SHEET 17 OF 18)

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EN010120-PA-WP-2.3-Sheet17

Order Limits

 Work No. 8A - Diversion of Existing Electrical 11kV Overhead Lines

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WORK NO. 8 - WORKS TO FACILITATE THE DELIVERY OF
ABNORMAL INDIVISIBLE LOADS TO SITE
(SHEET 18 OF 18)

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