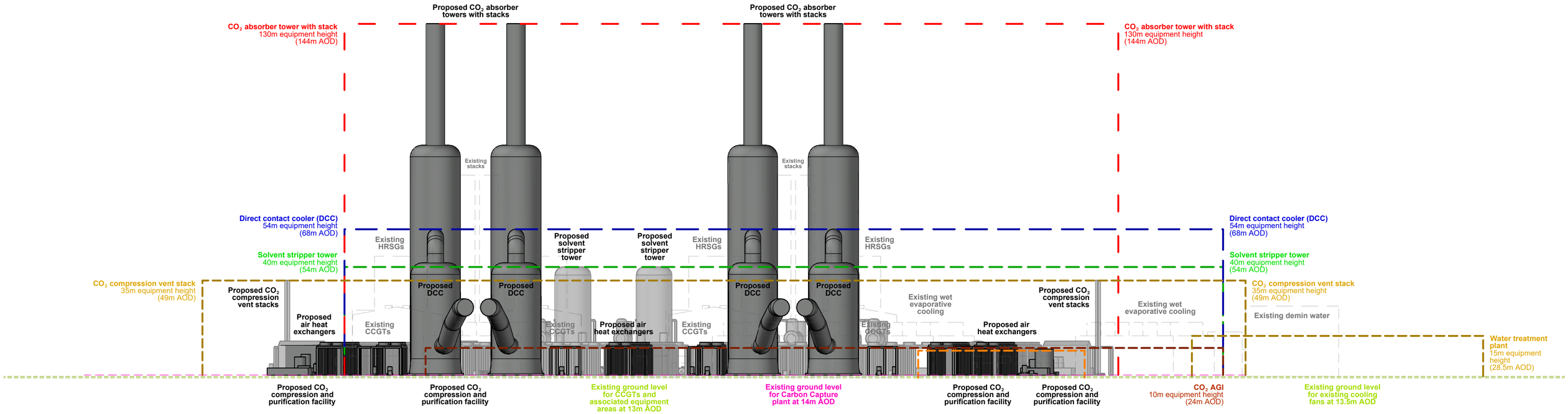

Indicative Eastern View of Carbon Capture Plant

Site
STAYTHORPE POWER STATION

Title
FIGURE 3.4
ELEVATION PARAMETER PLAN
SHEET 1 OF 2

Key:

Existing Power Station:

- Combined cycle gas turbine (CCGT), heat recovery steam generator (HRSG) stacks, stacks and other infrastructure
- Ground level for the existing power station
- Ground level for the Carbon Capture plant

Proposed Carbon Capture Plant :

- Rochdale Envelope : Maximum height and limits of deviation
- Direct contact cooler (DCC)
- CO_2 absorber tower with stack
- Solvent stripper tower
- CO_2 compression vent stack
- CO_2 AGI
- Relocated fuel gas compound

N

0 10 20 30 40 50 Metres

Status
APPROVED

Size of original
A2

Scale of original
1:1,000

Drawn	Checked	Date	Approved	Rev.
MJA	MB	02/09/25	MB	A

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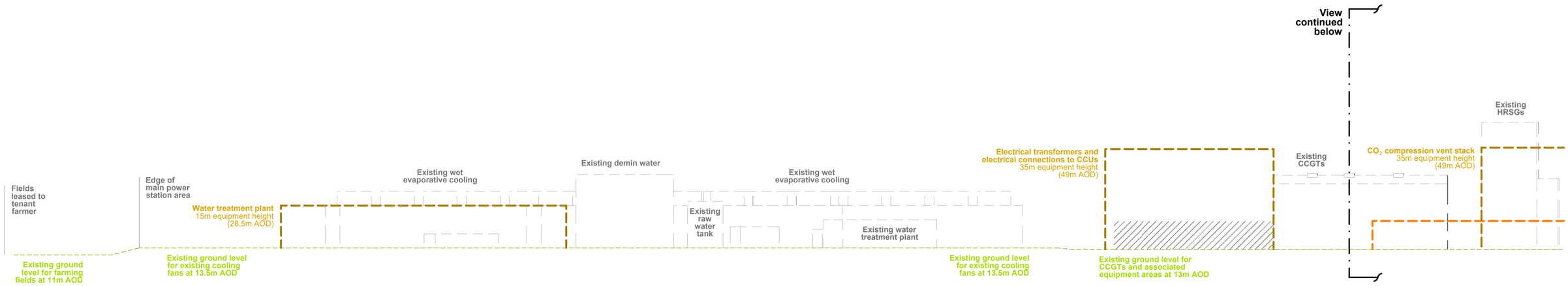
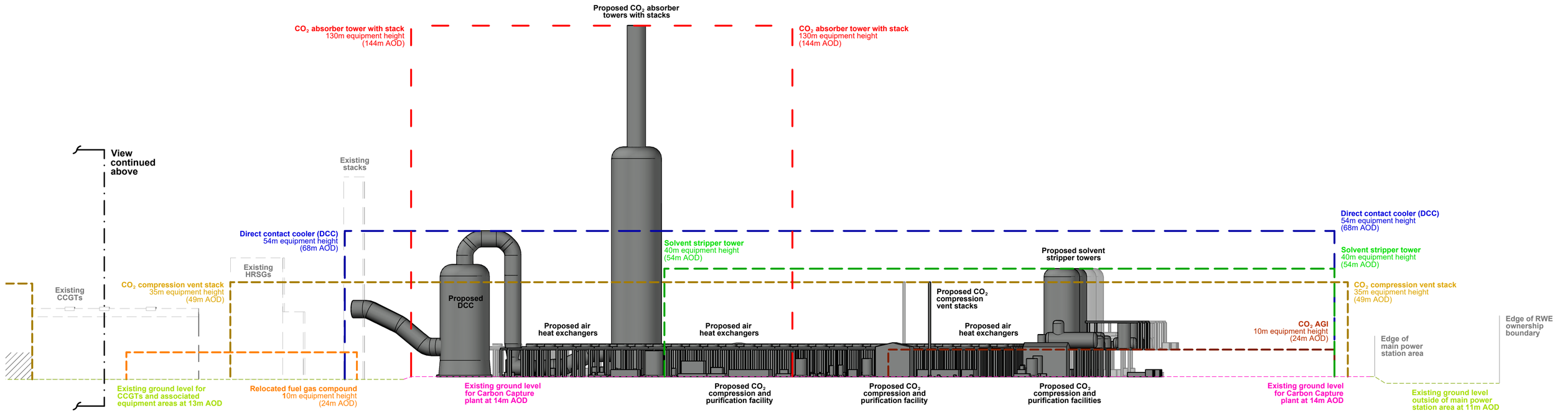


Indicative Northern View of Carbon Capture Plant



Indicative Northern View of Carbon Capture Plant [continued]

Site
STAYTHORPE POWER STATION

Title
CARBON CAPTURE PROJECT

ELEVATION PARAMETER PLAN

SHEET 2 OF 2

Key:

Existing Power Station:

- Combined cycle gas turbine (CCGT), heat recovery steam generator (HRSG) stacks, stacks and other infrastructure
- Ground level for the existing power station
- Ground level for the Carbon Capture plant

Proposed Carbon Capture Plant :

- Rochdale Envelope : Maximum height and limits of deviation
- Direct contact cooler (DCC)
- CO_2 absorber tower with stack
- Solvent stripper tower
- CO_2 compression vent stack
- CO_2 AGI
- Relocated fuel gas compound

N

0 10 20 30 40 50 Metres

Status
APPROVED

Size of original
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Scale of original
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