

TANK TYPES:

'A' = 1 No. WATER SUPPLY TANK INTERNAL SIZE APPROX Ø9.393m x 11.23m H VOLUME = 800m³ APPROX. ROOFED TANK INSTALLED BY SPECIALIST THIRD PARTY CONTRACTOR IN SELECTED FINISH, MATERIAL & COLOUR WITH MANWAY, VIEWING HATCH, ACCESS LADDERS & ASSOCIATED PLATFORMS.

'B' = 3 No. SILAGE FEED SILO/MIXING TANKS INTERNAL SIZE APPROX Ø8.539m x 12.63m H VOLUME = 770m³ APPROX. ROOFED TANK INSTALLED BY SPECIALIST THIRD PARTY CONTRACTOR IN SELECTED FINISH, MATERIAL & COLOUR WITH MANWAY, VIEWING HATCH, ACCESS LADDERS & ASSOCIATED PLATFORMS.

'C' = 2 No. FIRE WATER SUPPLY TANKS INTERNAL SIZE APPROX Ø21.347m x 14.03m H VOLUME = 5020m³ APPROX. ROOFED TANK INSTALLED BY SPECIALIST THIRD PARTY CONTRACTOR IN SELECTED FINISH, MATERIAL & COLOUR WITH MANWAY, VIEWING HATCH, ACCESS LADDERS & ASSOCIATED PLATFORMS.

'D' = 2 No. TREATED STORAGE WATER TANKS INTERNAL SIZE APPROX Ø27.324m x 14.03m H VOLUME = 8230m³ APPROX. ROOFED TANK INSTALLED BY SPECIALIST THIRD PARTY CONTRACTOR IN SELECTED FINISH, MATERIAL & COLOUR WITH MANWAY, VIEWING HATCH, ACCESS LADDERS & ASSOCIATED PLATFORMS.

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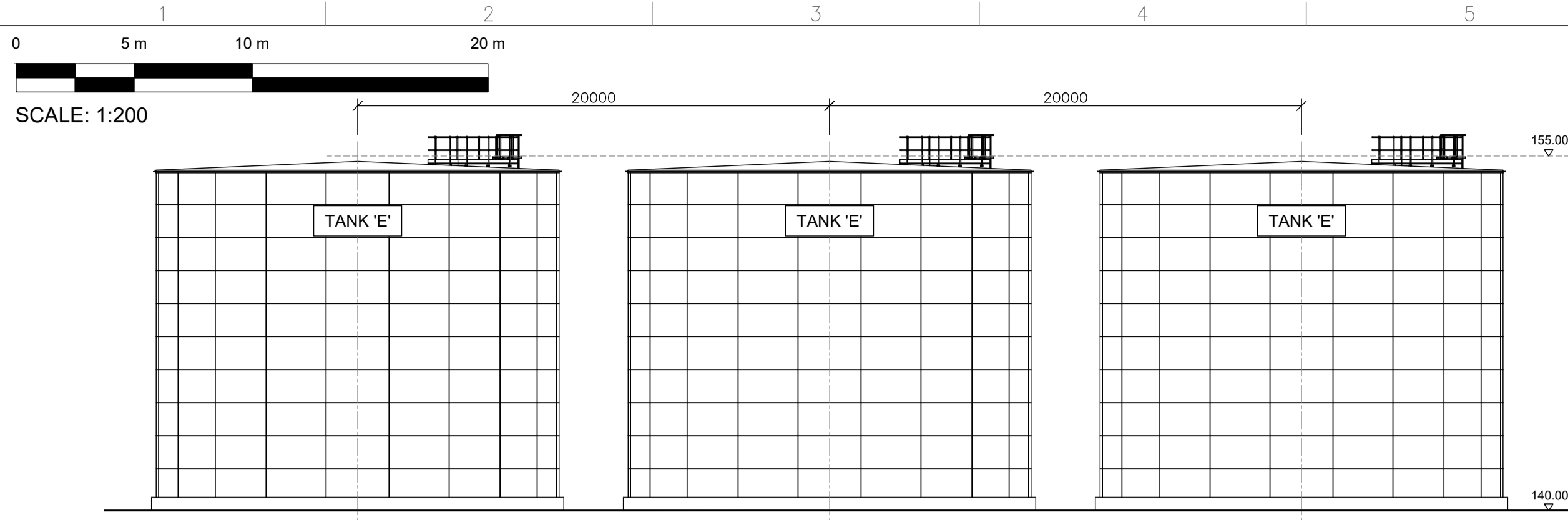
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0	25/09/24	PRELIMINARY DESIGN	PD	JB	HvdP

Client

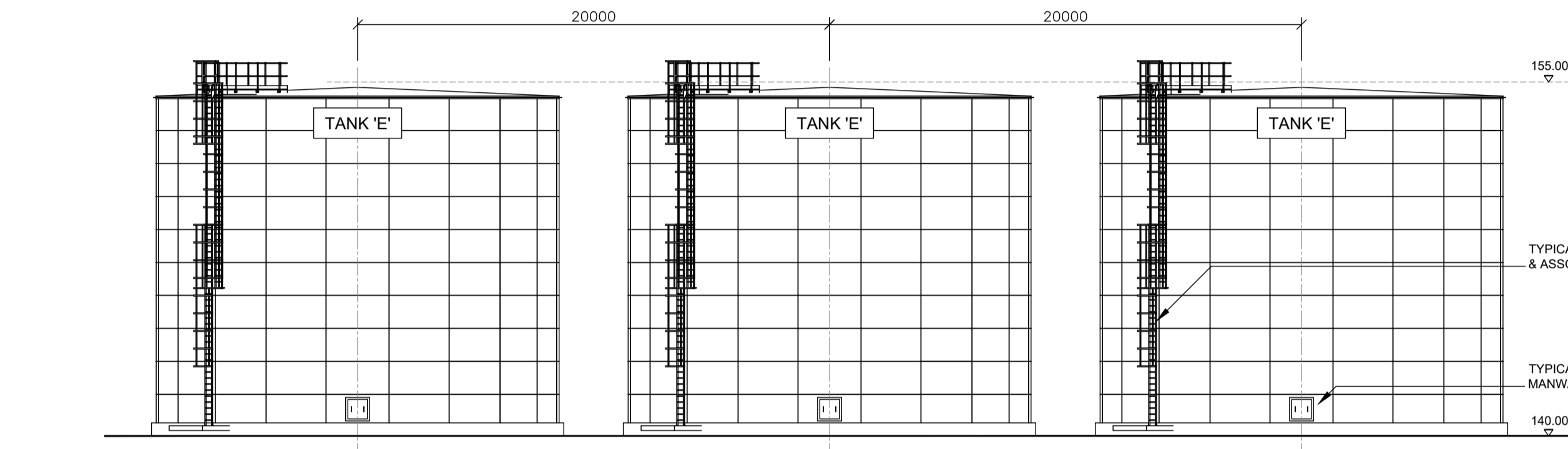
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Project
KILLOUGH BIO
WATER TANKS & SILAGE FEED SILOS/TANKS
PLAN, ELEVATIONS & SECTION

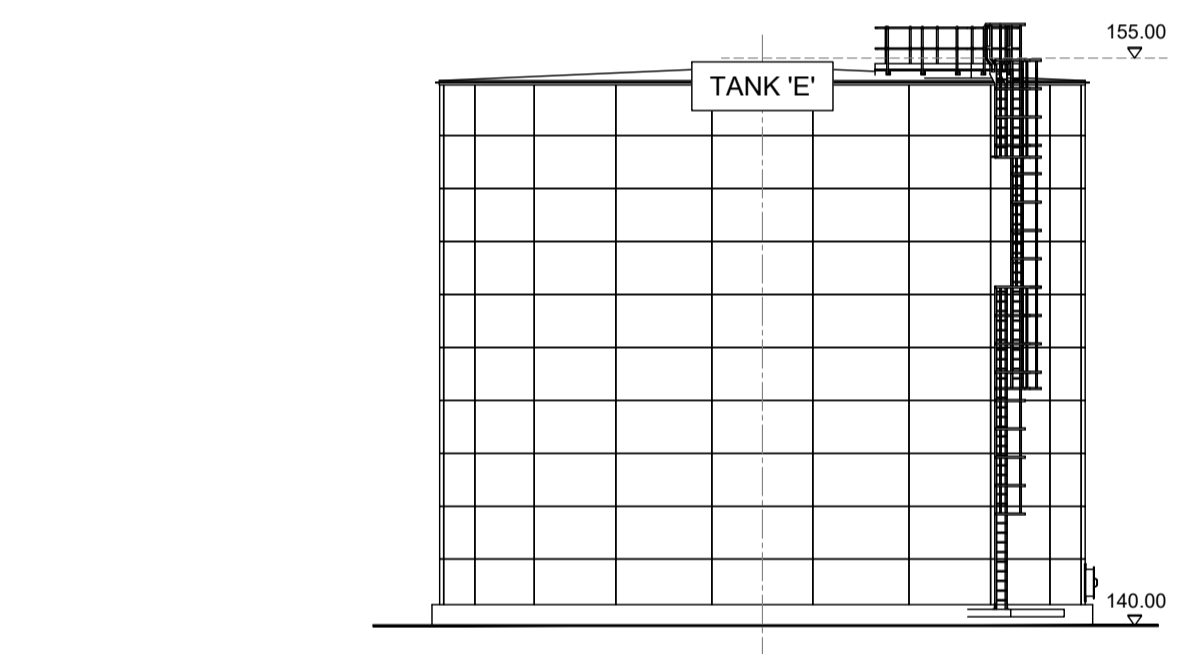
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Chkd.	JB	Date	12/09/24	Status	DRAFT		
Apprd.	HvdP						



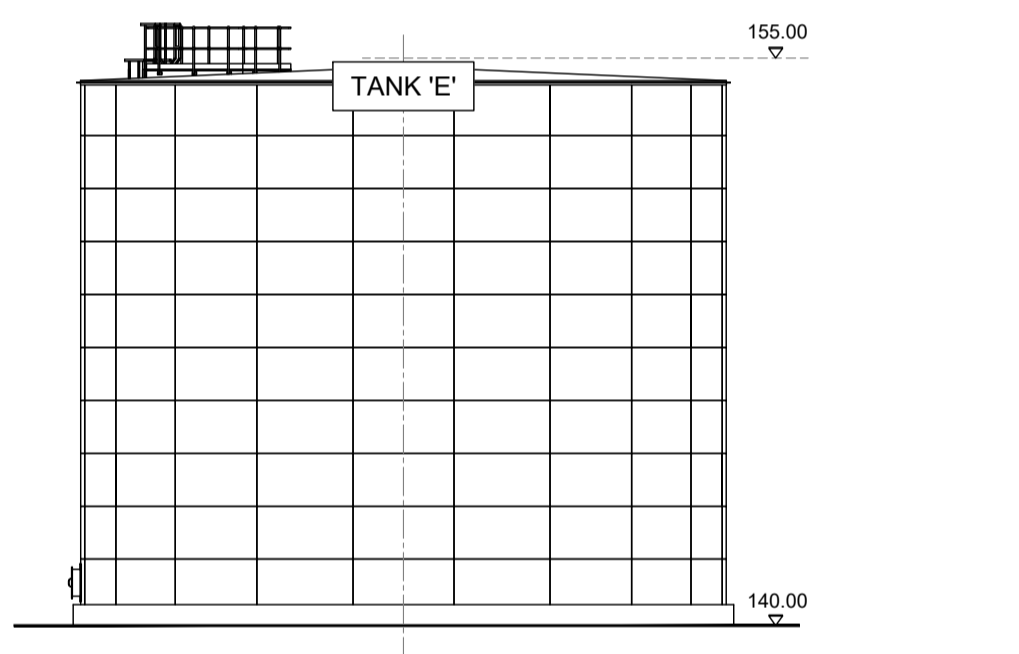
ELEVATION A 1:200



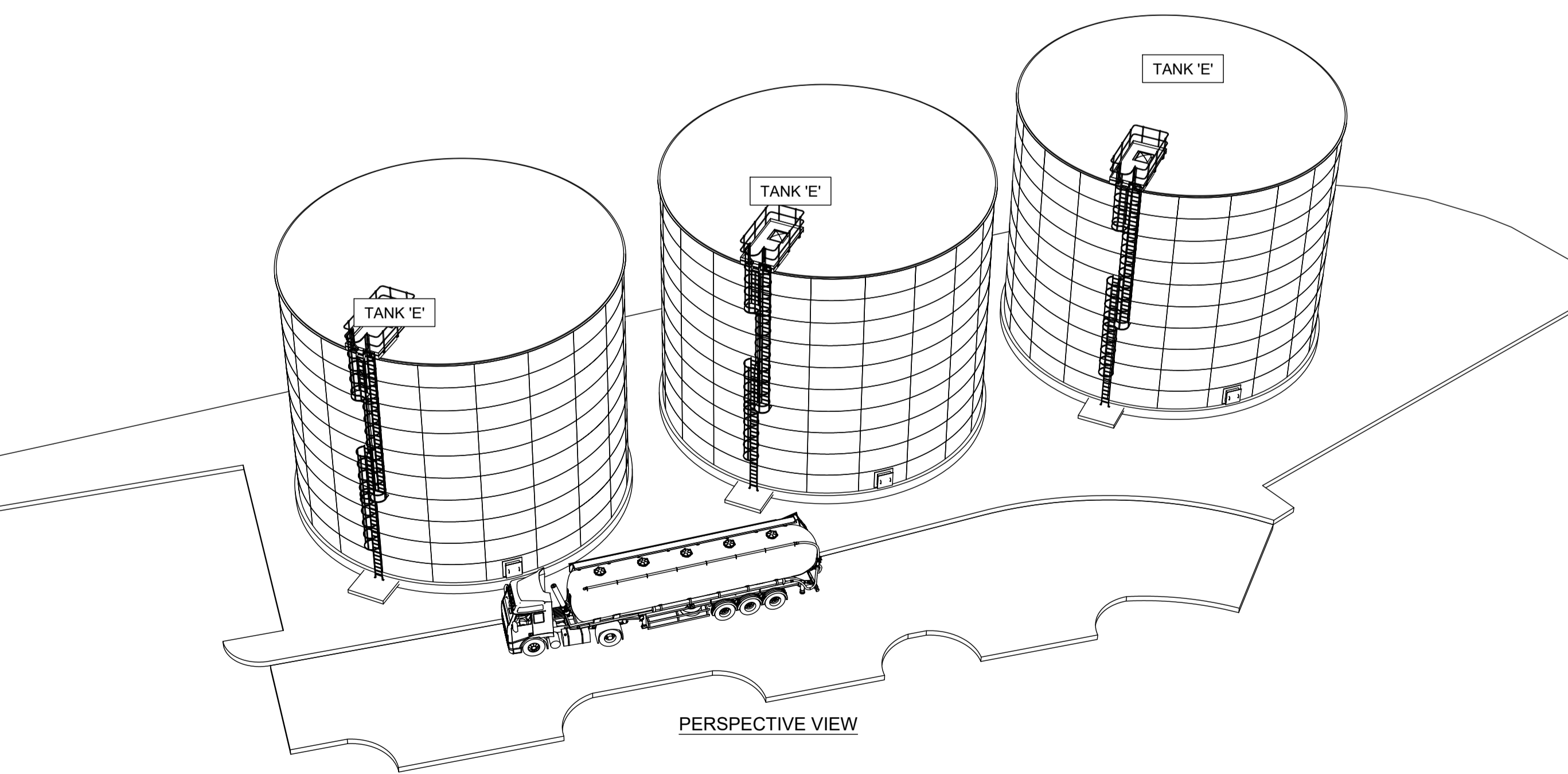
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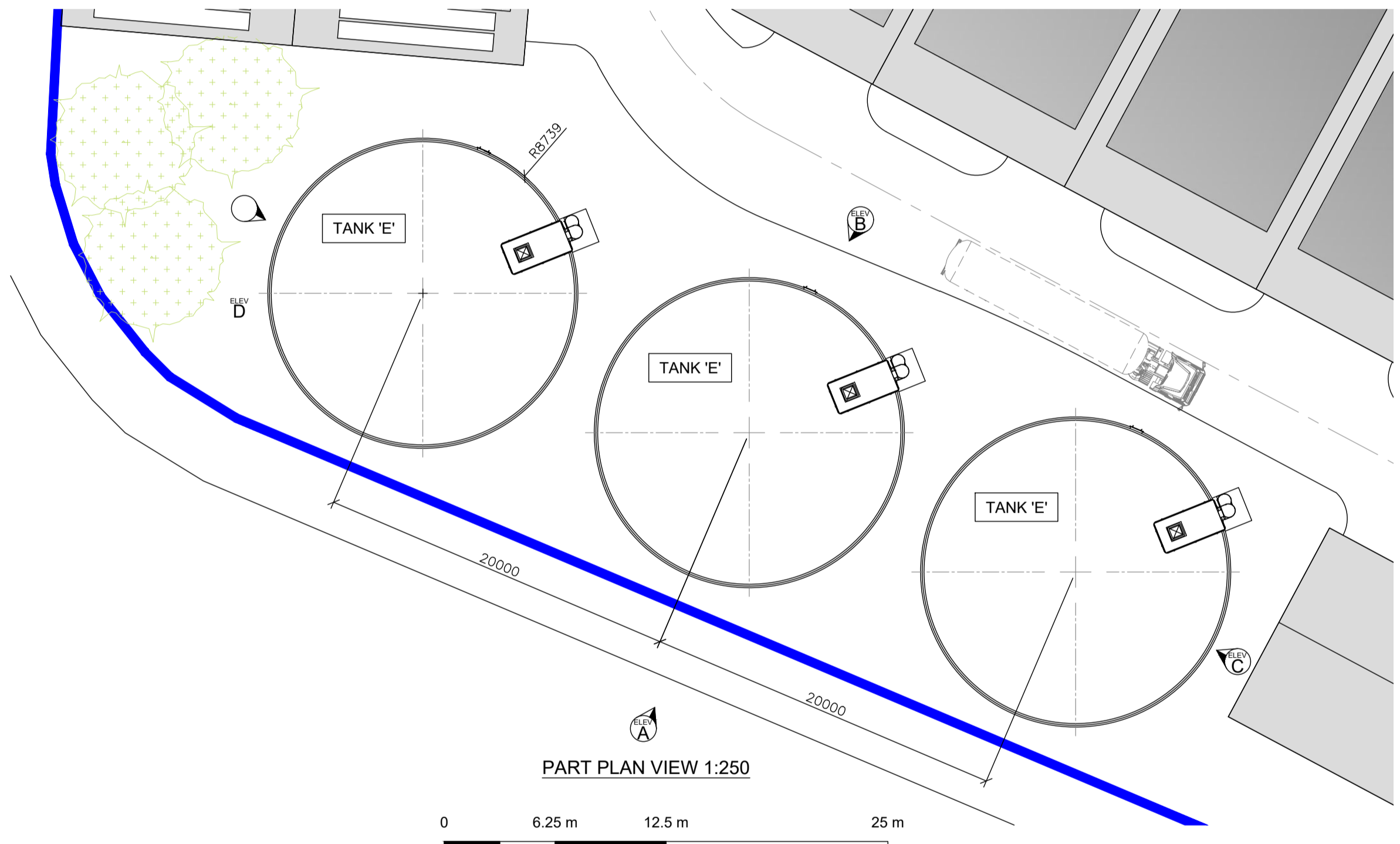
ELEVATION C 1:200



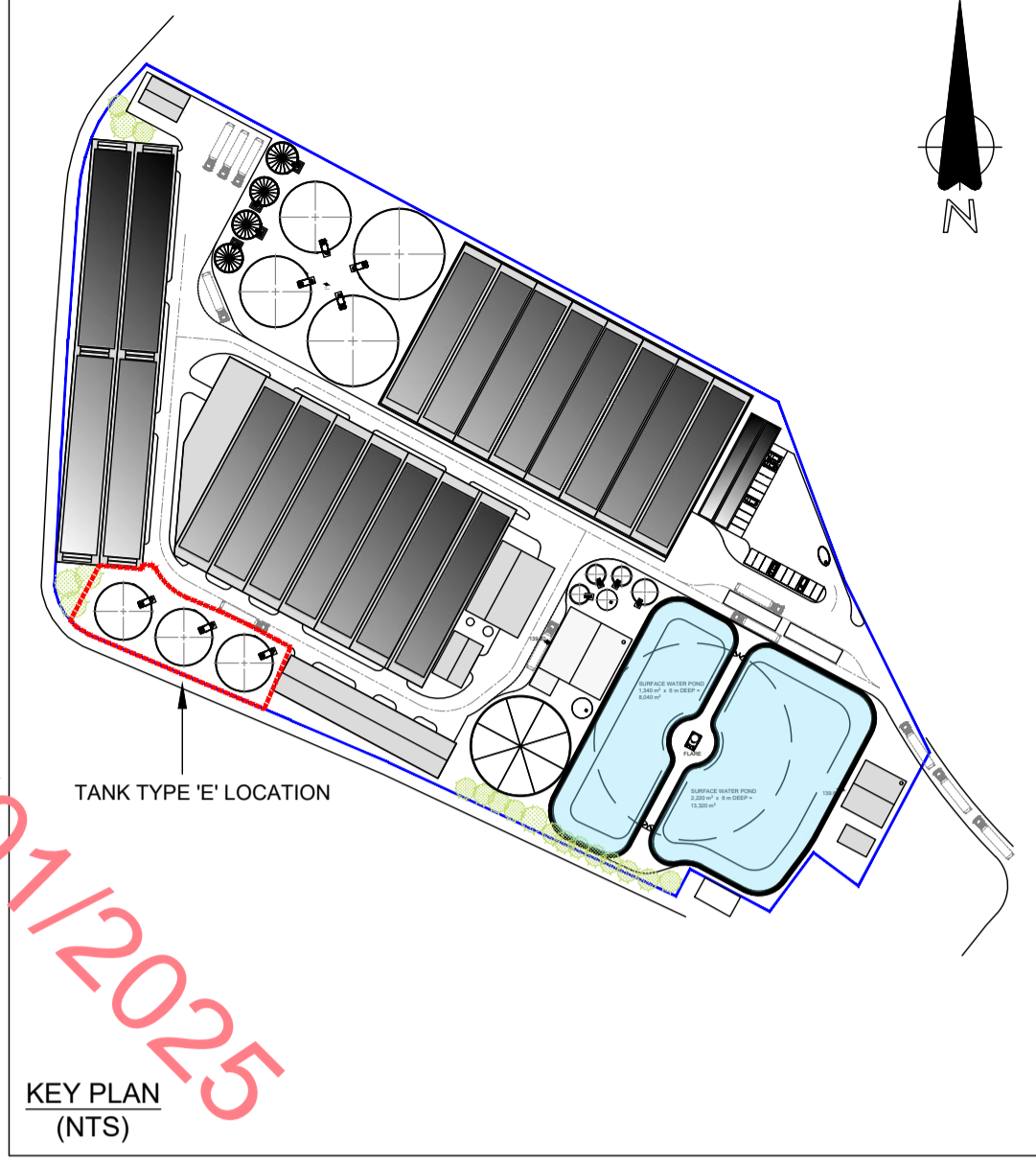
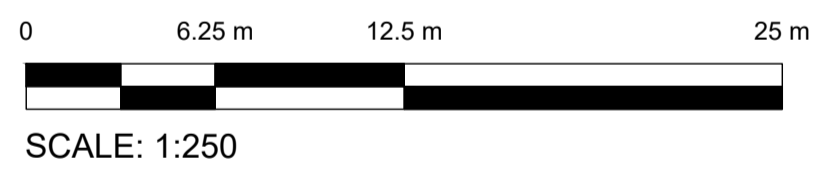
ELEVATION D 1:200



PERSPECTIVE VIEW



PART PLAN VIEW 1:250



KEY PLAN (NTS)

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TANK TYPES:

'E' = 3 No. BIOREST TANKS INTERNAL SIZE APPROX Ø17.078m x 14.03m H VOLUME = 3220m³ APPROX. ROOFED TANK INSTALLED BY SPECIALIST THIRD PARTY CONTRACTOR IN SELECTED FINISH, MATERIAL & COLOUR WITH MANWAY, VIEWING HATCH, ACCESS LADDERS & ASSOCIATED PLATFORMS.

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0	12/09/24	PRELIMINARY DESIGN	PD	JB	HvdP

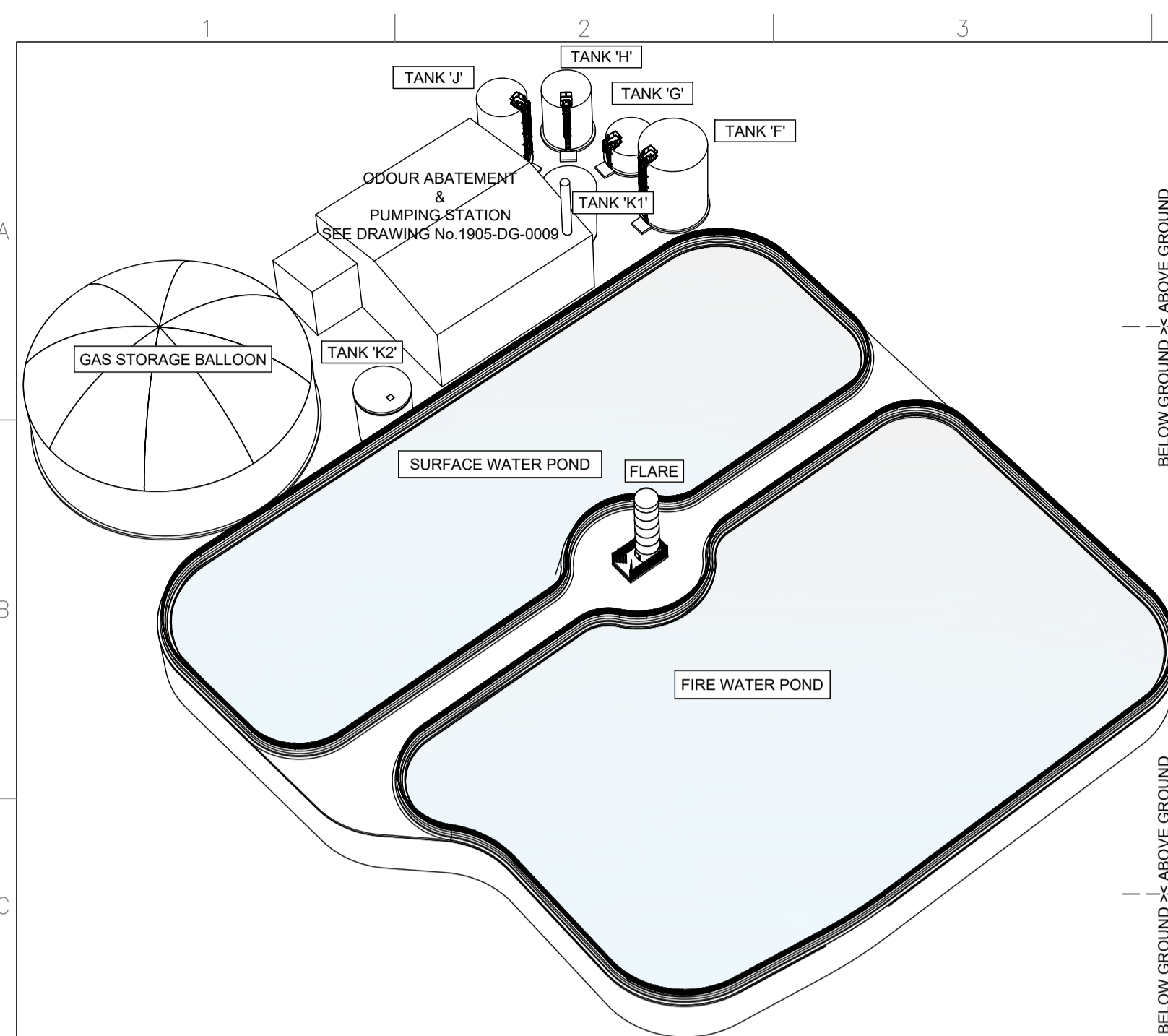
Client

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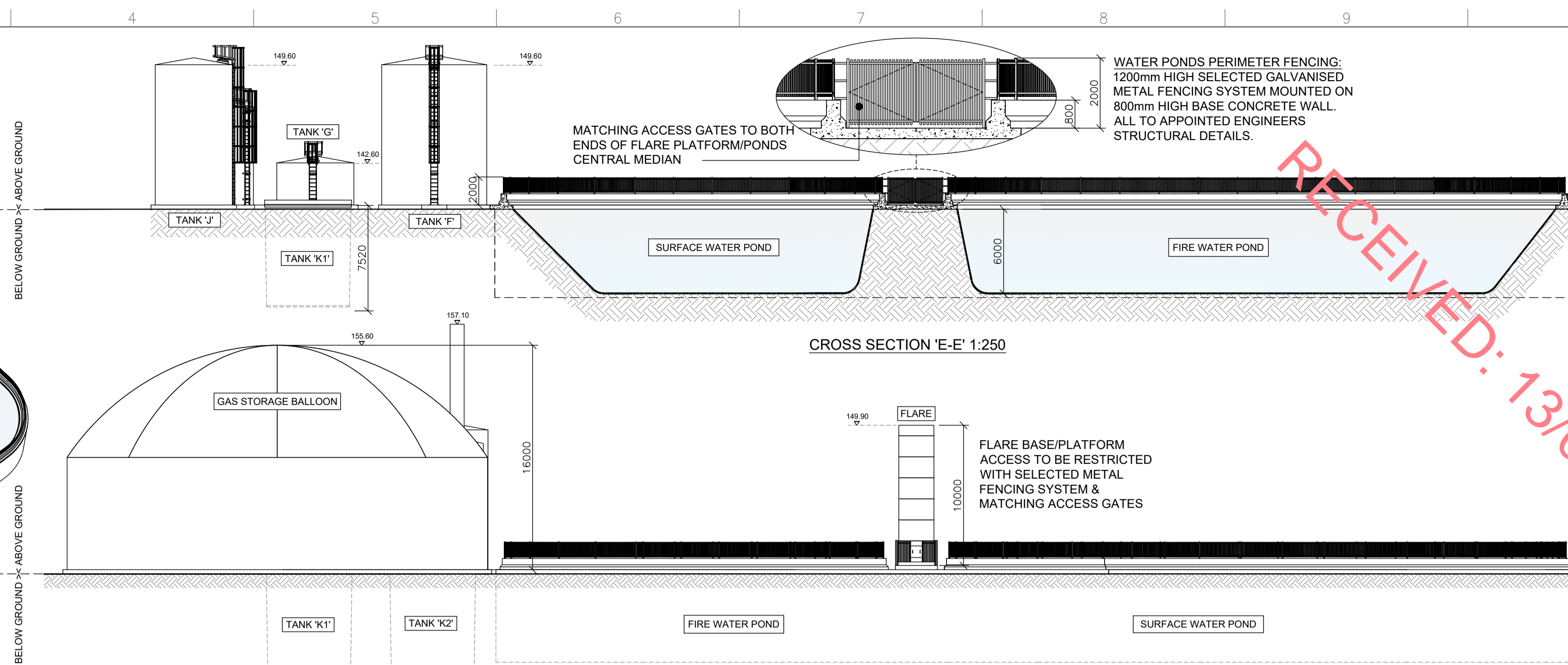
Project
KILLOUGH BIO

BIOREST TANKS
PLAN, ELEVATIONS & SECTION

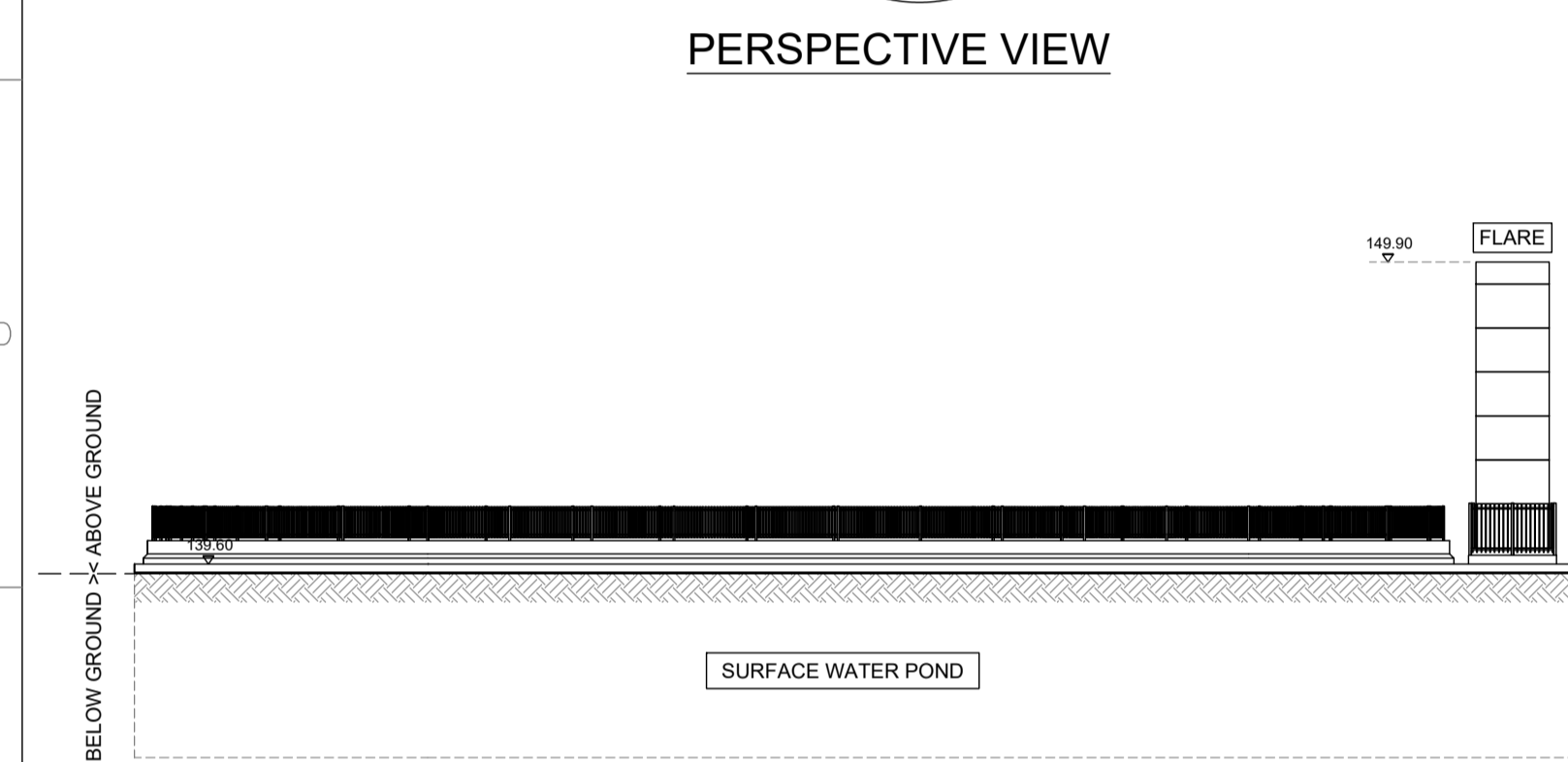
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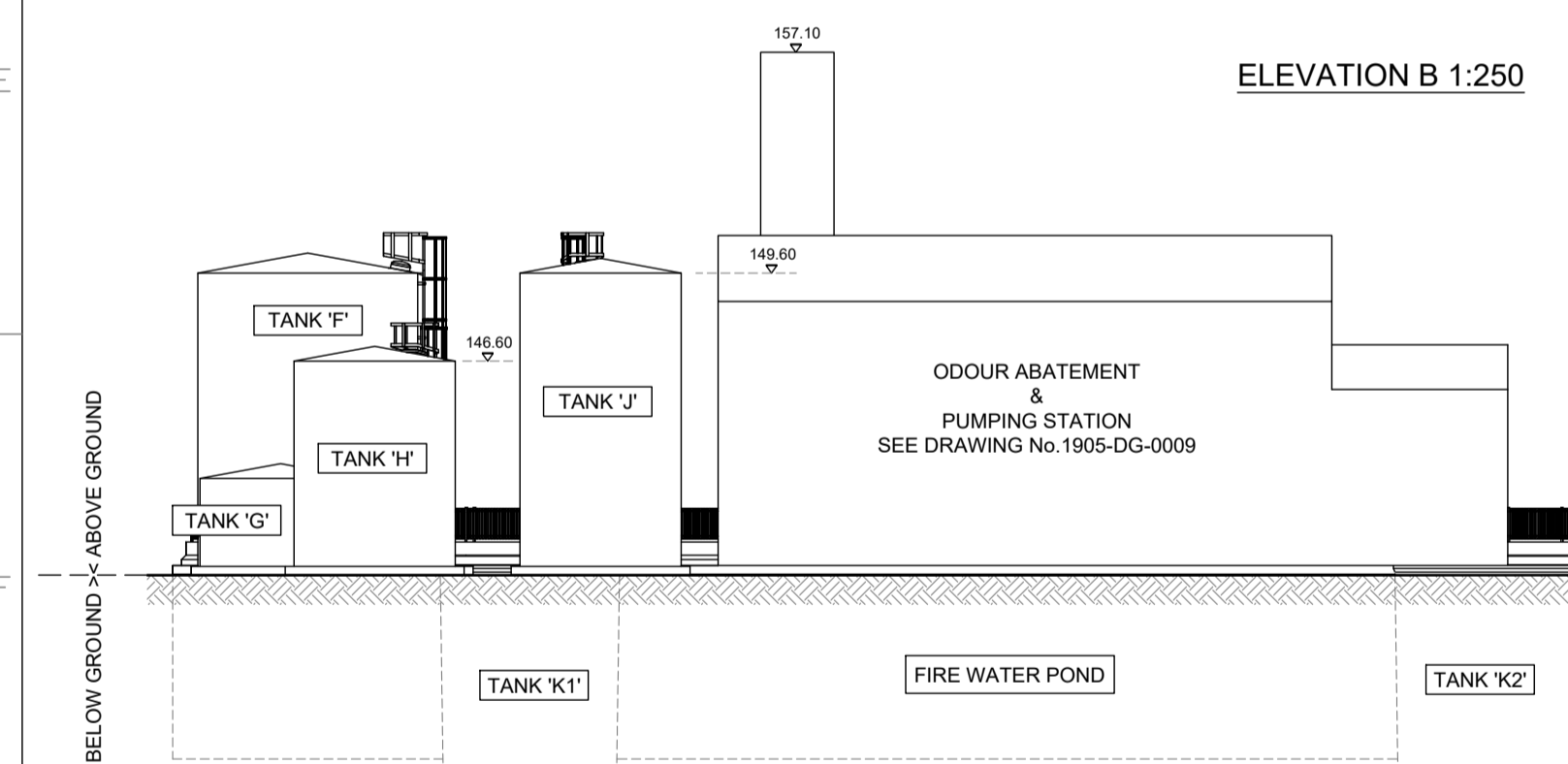
PERSPECTIVE VIEW



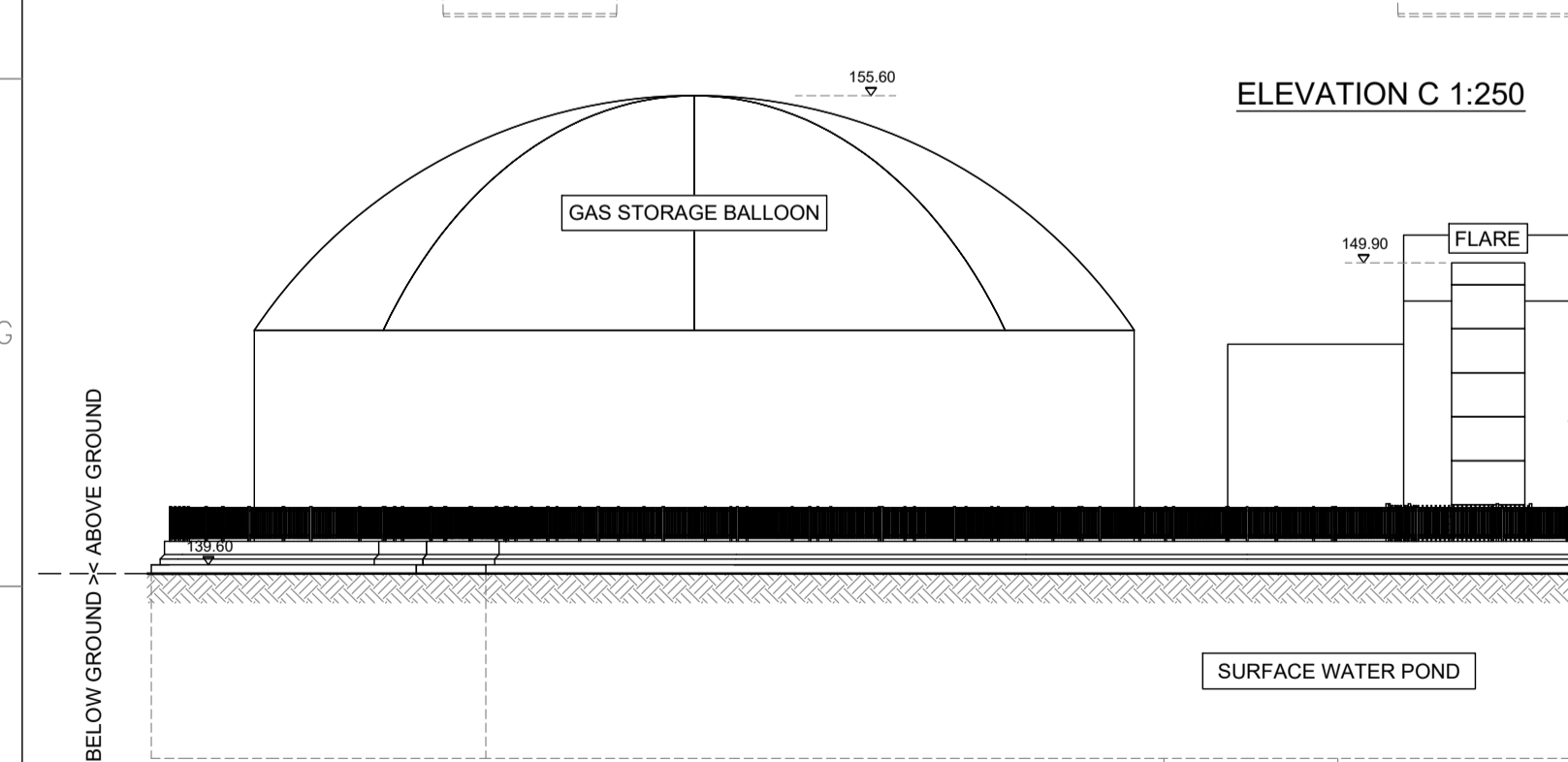
CROSS SECTION 'E-E' 1:250



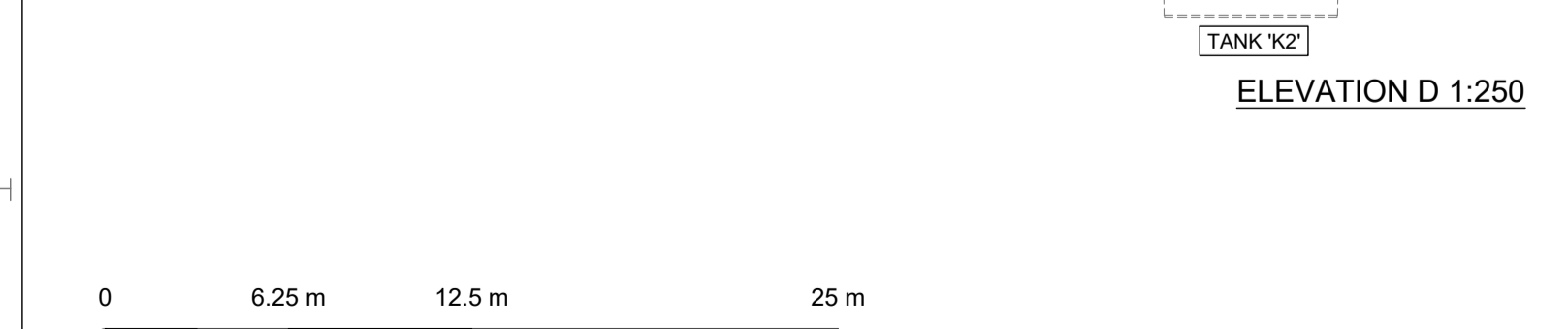
ELEVATION A 1:250



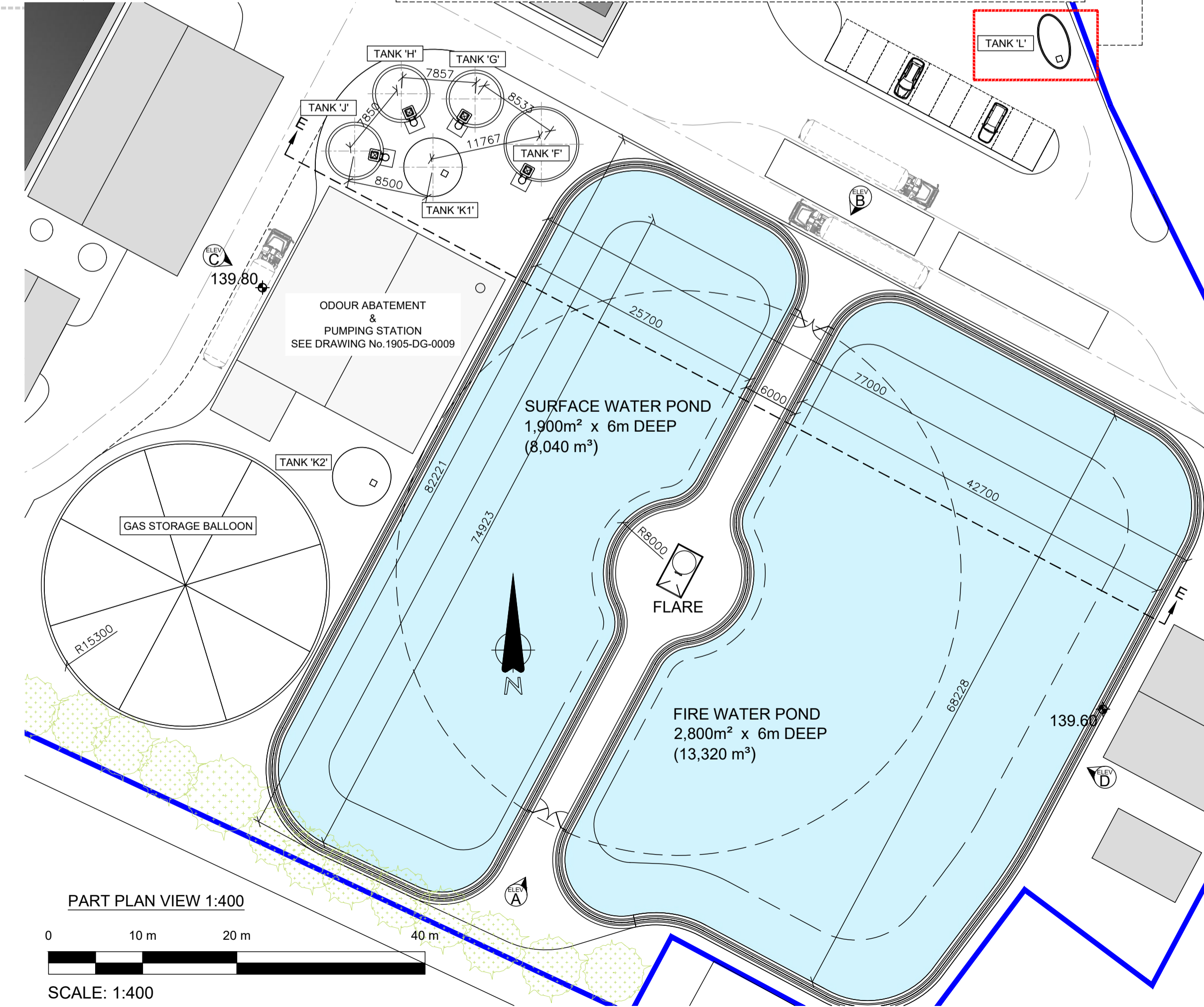
ELEVATION B 1:250



ELEVATION C 1:250



ELEVATION D 1:250

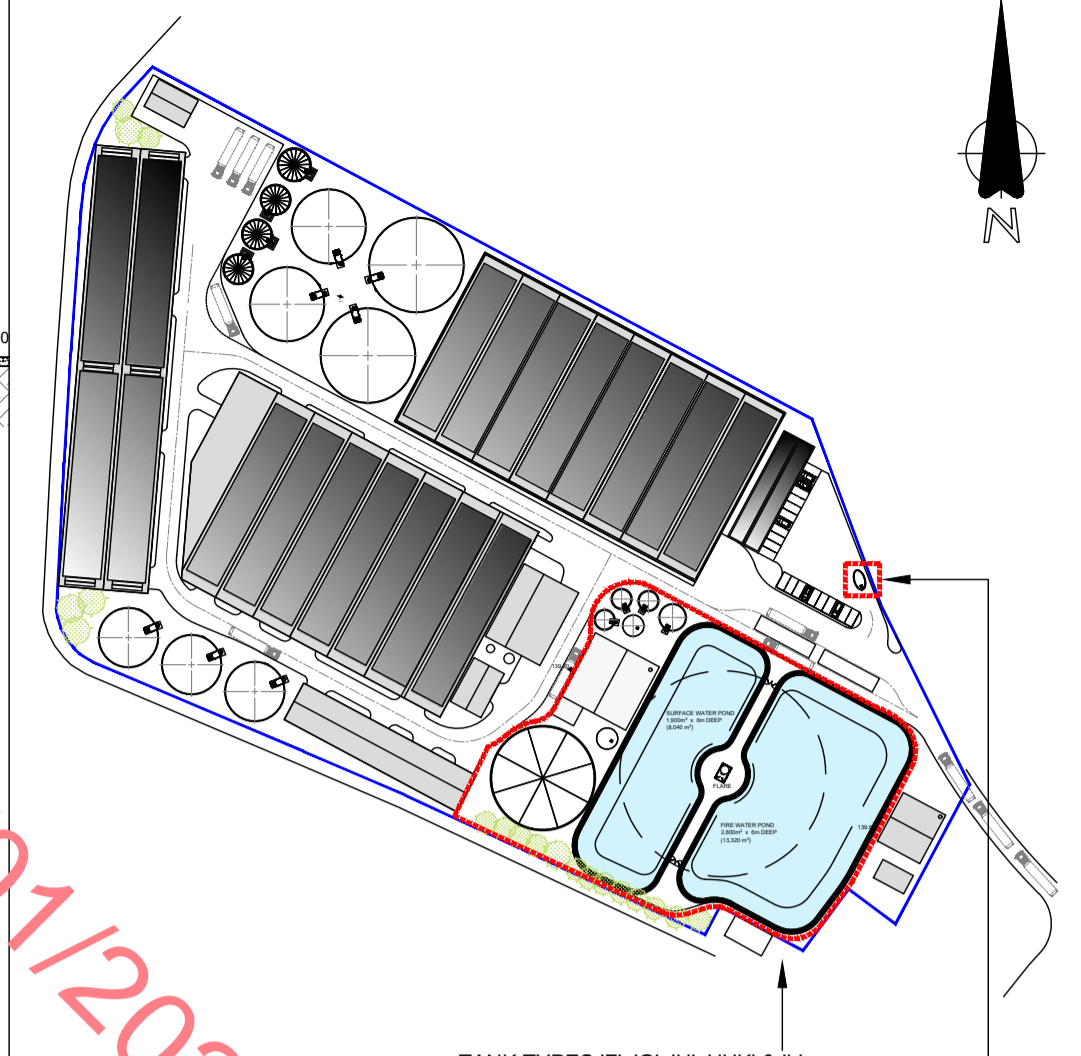


PART PLAN VIEW 1:400

WATER PONDS PERIMETER FENCING:
1200mm HIGH SELECTED GALVANISED
METAL FENCING SYSTEM MOUNTED ON
800mm HIGH BASE CONCRETE WALL.
ALL TO APPOINTED ENGINEERS
STRUCTURAL DETAILS.

MATCHING ACCESS GATES TO BOTH
ENDS OF FLARE PLATFORM/PONDS
CENTRAL MEDIAN

FLARE BASE/PLATFORM
ACCESS TO BE RESTRICTED
WITH SELECTED METAL
FENCING SYSTEM &
MATCHING ACCESS GATES



KEY PLAN (NTS)

TANK TYPES:
'F' = 1 No. CATTLE MANURE/SLURRY SILO Ø7.5m x 10m H
ROOFED TANK INSTALLED BY SPECIALIST THIRD PARTY
CONTRACTOR IN SELECTED FINISH, MATERIAL & COLOUR
WITH MANWAY, VIEWING HATCH, ACCESS LADDERS &
ASSOCIATED PLATFORMS.

'G' = 1 No. POT ALE, HE BIODEGRADABLE MATERIAL
TANK/SILO Ø5.5m x 3m H
ROOFED TANK INSTALLED BY SPECIALIST THIRD PARTY
CONTRACTOR IN SELECTED FINISH, MATERIAL & COLOUR
WITH MANWAY, VIEWING HATCH, ACCESS LADDERS &
ASSOCIATED PLATFORMS.

'H' = 1 No. MAIZE SILO Ø5.5m x 7m H
ROOFED TANK INSTALLED BY SPECIALIST THIRD PARTY
CONTRACTOR IN SELECTED FINISH, MATERIAL & COLOUR
WITH MANWAY, VIEWING HATCH, ACCESS LADDERS &
ASSOCIATED PLATFORMS.

'J' = 1 No. CHICKEN LITTER SILO Ø5.5m x 10m H
ROOFED TANK INSTALLED BY SPECIALIST THIRD PARTY
CONTRACTOR IN SELECTED FINISH, MATERIAL & COLOUR
WITH MANWAY, VIEWING HATCH, ACCESS LADDERS &
ASSOCIATED PLATFORMS.

'K1' & 'K2' = 2 No. PRECAST CONCRETE UNITS:
SURFACE WATER & EFFLUENT TANKS Ø5.5m x 7m H
WATER IS PUMPED OUT OF 'K1' FOR TREATMENT
WATER IS PUMPED OUT OF 'K2' FOR USE IN THE QUARRY
BELOW GROUND CONCRETE TANKS INSTALLED BY
SPECIALIST THIRD PARTY CONTRACTOR WITH GROUND
LEVEL MANWAY/ACCESS HATCH

'L' = 1 No. PRECAST ELLIPTICAL CONCRETE SEWAGE
COLLECTION TANK 3.2m x 6m H - 8000 GALLON APPROX
THIRD PARTY CONTRACTOR WITH GROUND LEVEL
MANWAY/ACCESS HATCH

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1	16/12/24	REVISED PRELIMINARY DESIGN	PD	JB	HvdP
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Client

roadstone
A CRH COMPANY

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CONCRETE & ENVIRONMENTAL
Fingleton White Group

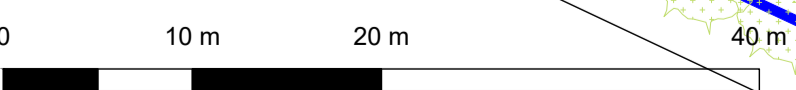
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Project
KILLOUGH BIO
WATER PONDS & SILAGE FEED SILOS/TANKS
PLAN, ELEVATIONS & SECTION

Drawn	Scale	Drawing Number	Rev.
PD	1:250 & 1:400 @ A1	1905-DG-0018	1
Chkd.	Date	Status	
JB	12/09/24	DRAFT	
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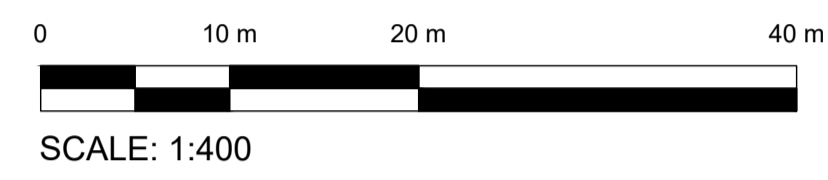
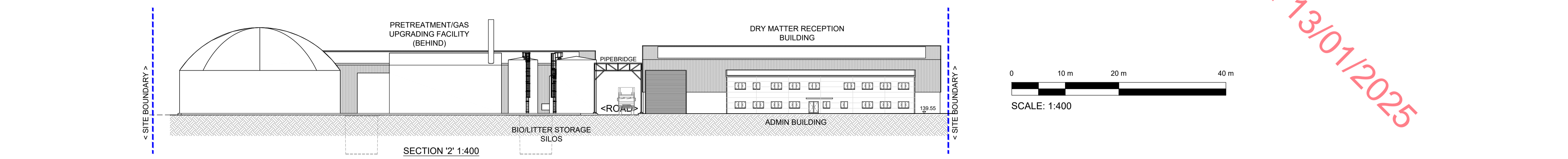
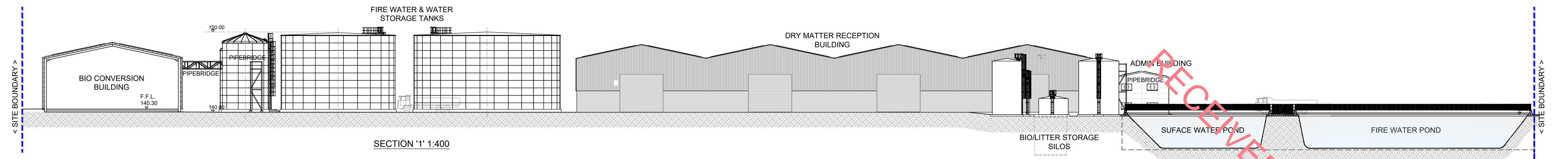


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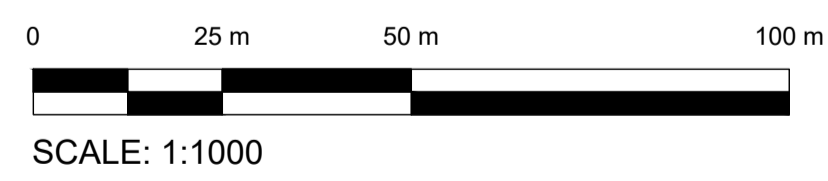
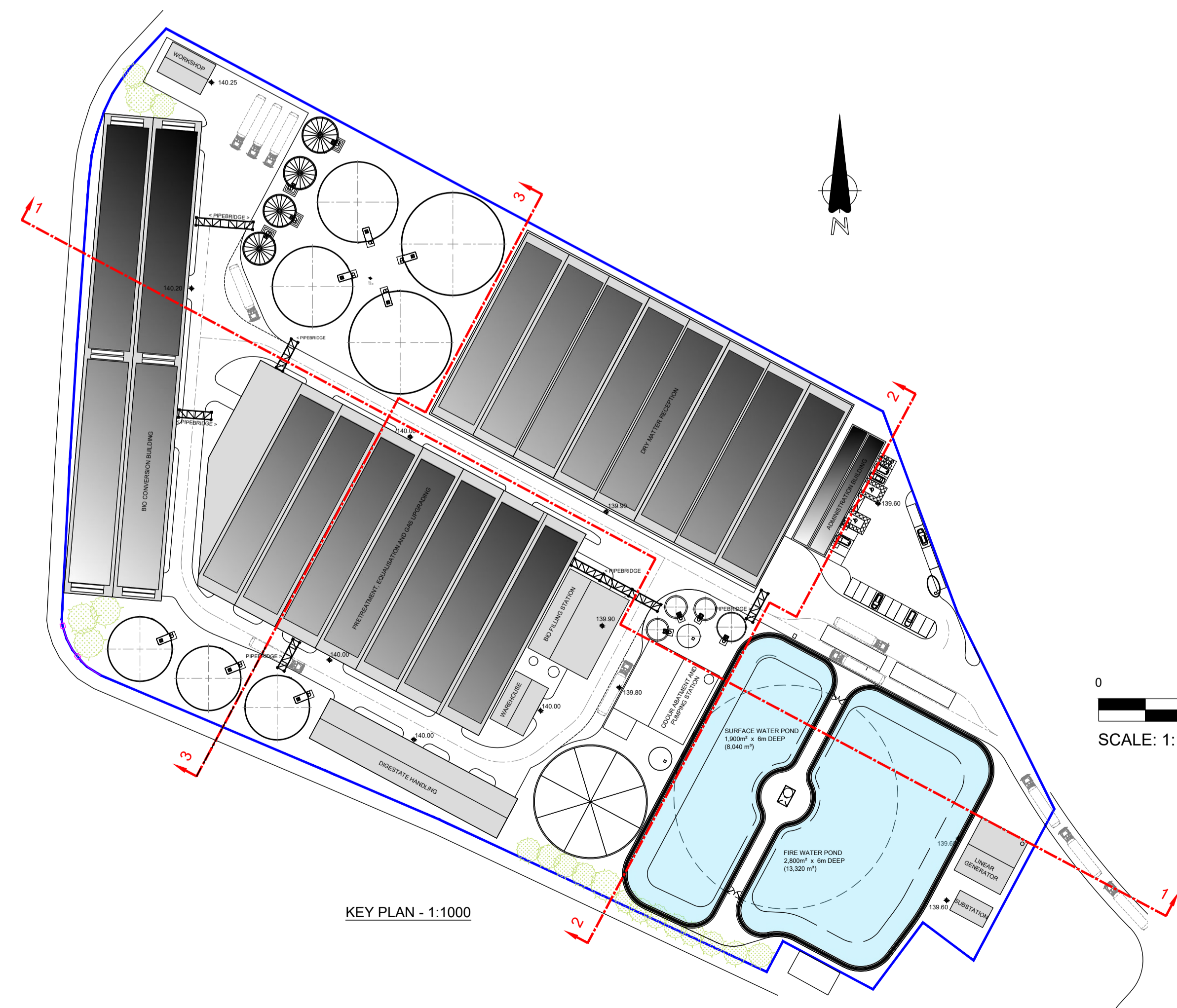
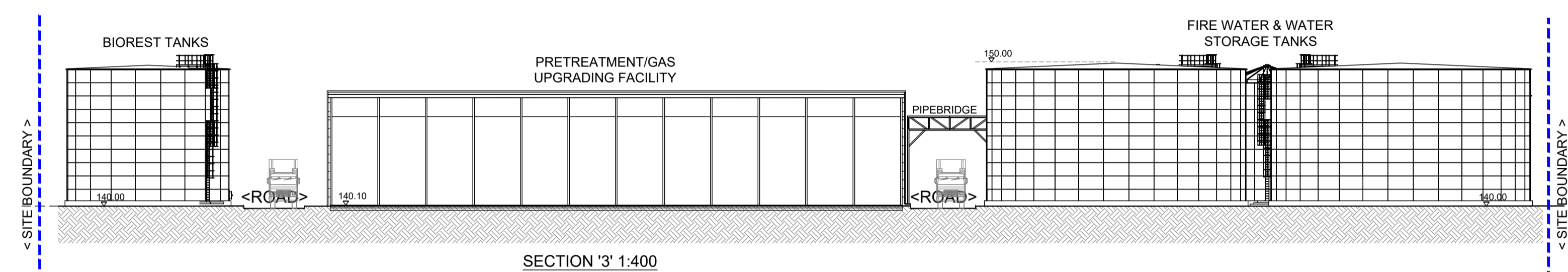


SCALE: 1:400

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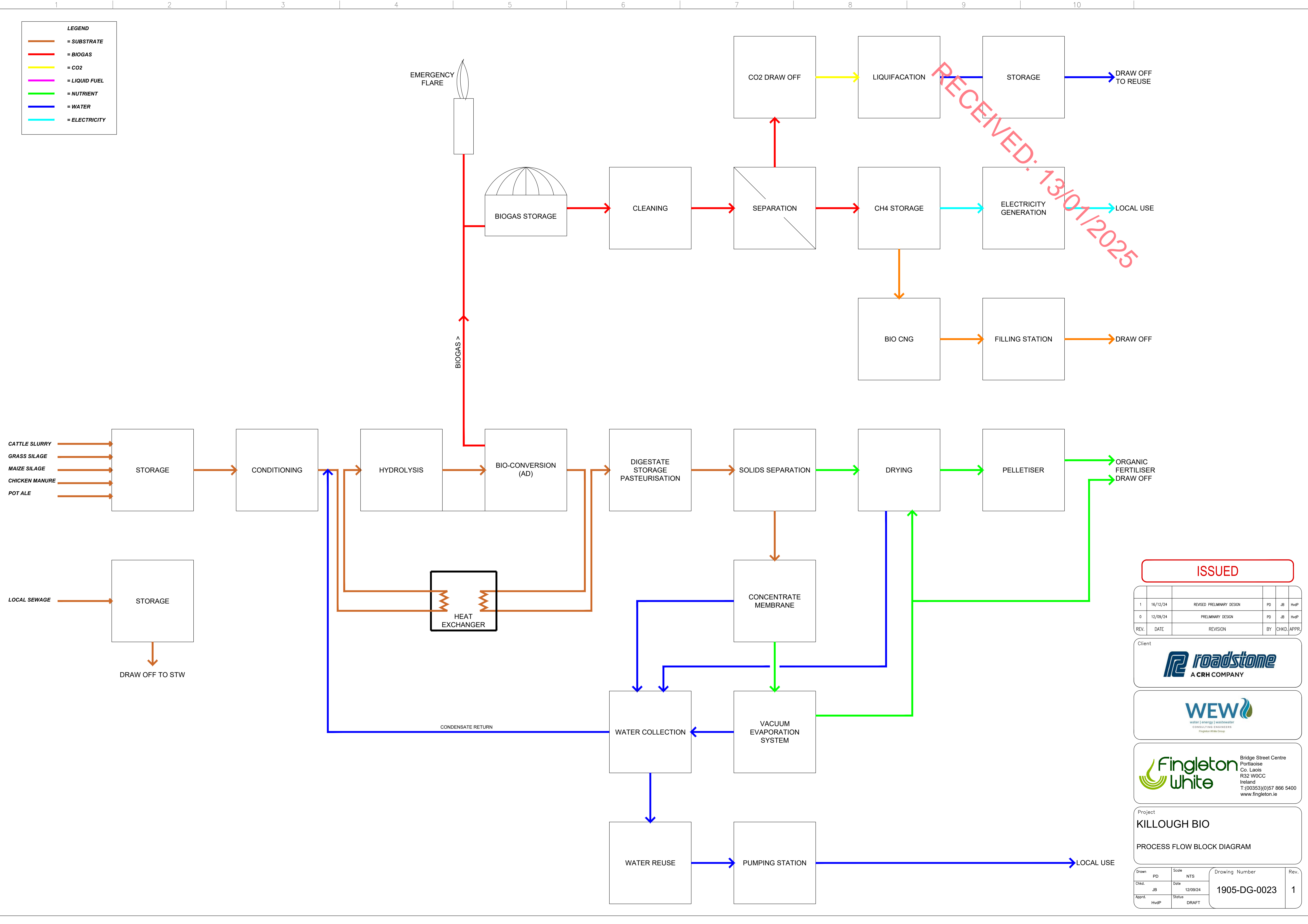
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Project
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SITE CONTEXTUAL SECTIONS

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PD	1:400 & 1:1000 @ A1	1905-DG-0019	1
Chkd.	Date	Status	
JB	12/09/24	DRAFT	
Appr.			
HvdP			

LEGEND

- = SUBSTRATE
- = BIOGAS
- = CO2
- = LIQUID FUEL
- = NUTRIENT
- = WATER
- = ELECTRICITY



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Client

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CONSULTING ENGINEERS
Fingleton White Group

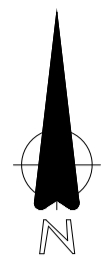
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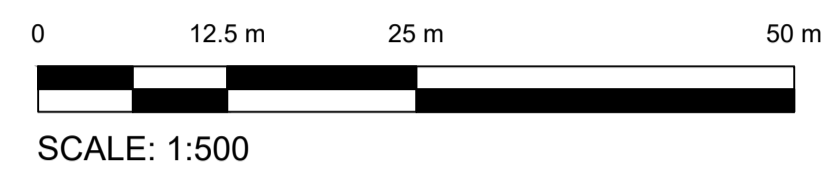
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PROCESS FLOW BLOCK DIAGRAM

Drawn	Scale	Drawing Number	Rev.
PD	NTS	1905-DG-0023	1
Chkd. JB	Date 12/09/24		
Apprd. HvdP	Status DRAFT		



D.L. DIRECTIONAL LIGHTS AT APPROX 20m CENTERS MOUNTED ON BUILDINGS, TANKS OR OTHER SUITABLE SITE STRUCTURE



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LEGEND

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1	16/12/24	REVISED PRELIMINARY DESIGN	FD	JB	NM
0	18/11/24	PRELIMINARY DESIGN	FD	JB	NM

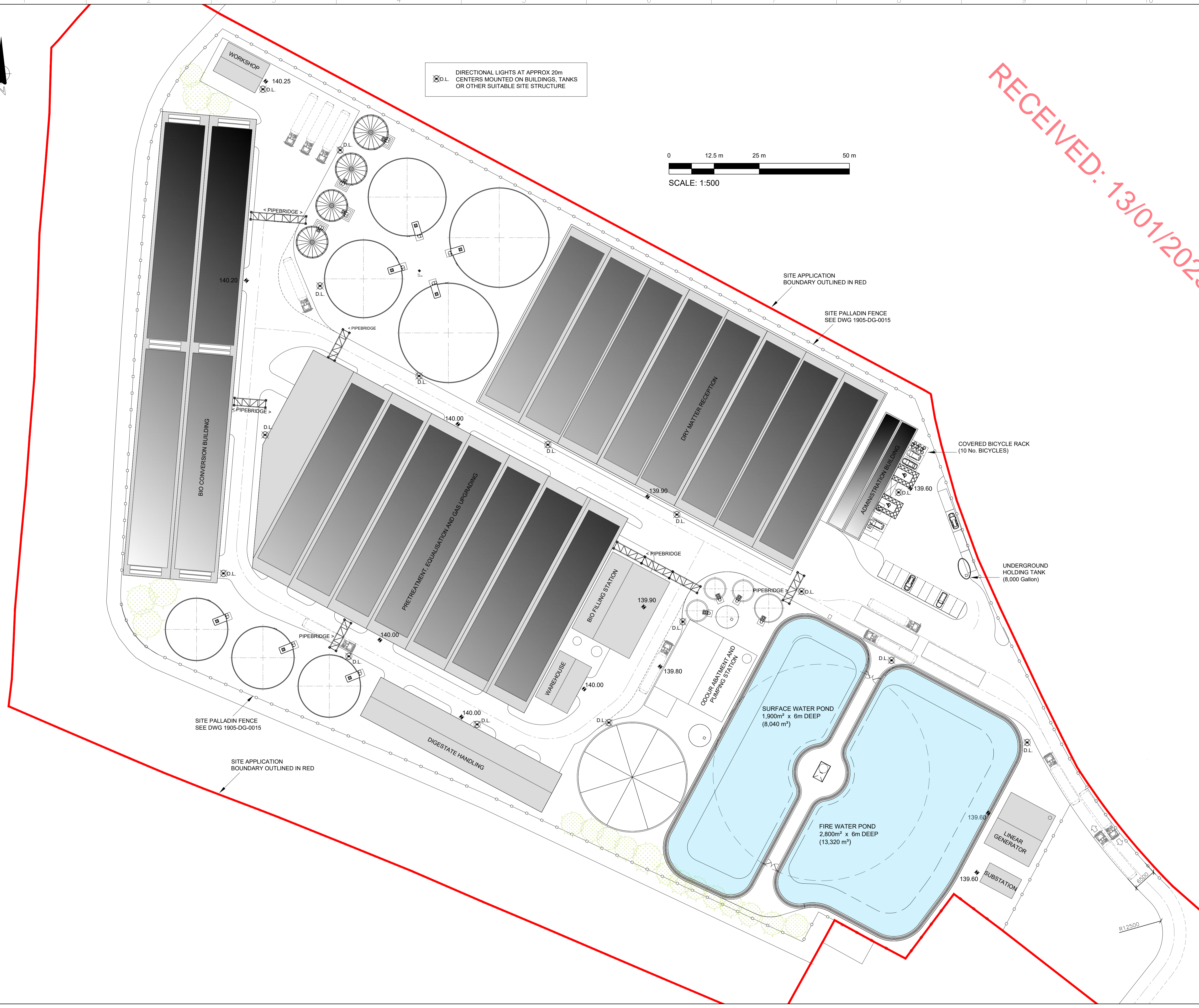
Client

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Project
KILLOUGH BIO
SITE LAYOUT PLAN



Drawn O. CONROY	Scale 1:500 @ A1	Drawing Number 1905-DG-0020	Rev. 1
Chk'd F. OYETAYO	Date 13/09/24	Status DRAFT	
App'd N. MAHER			





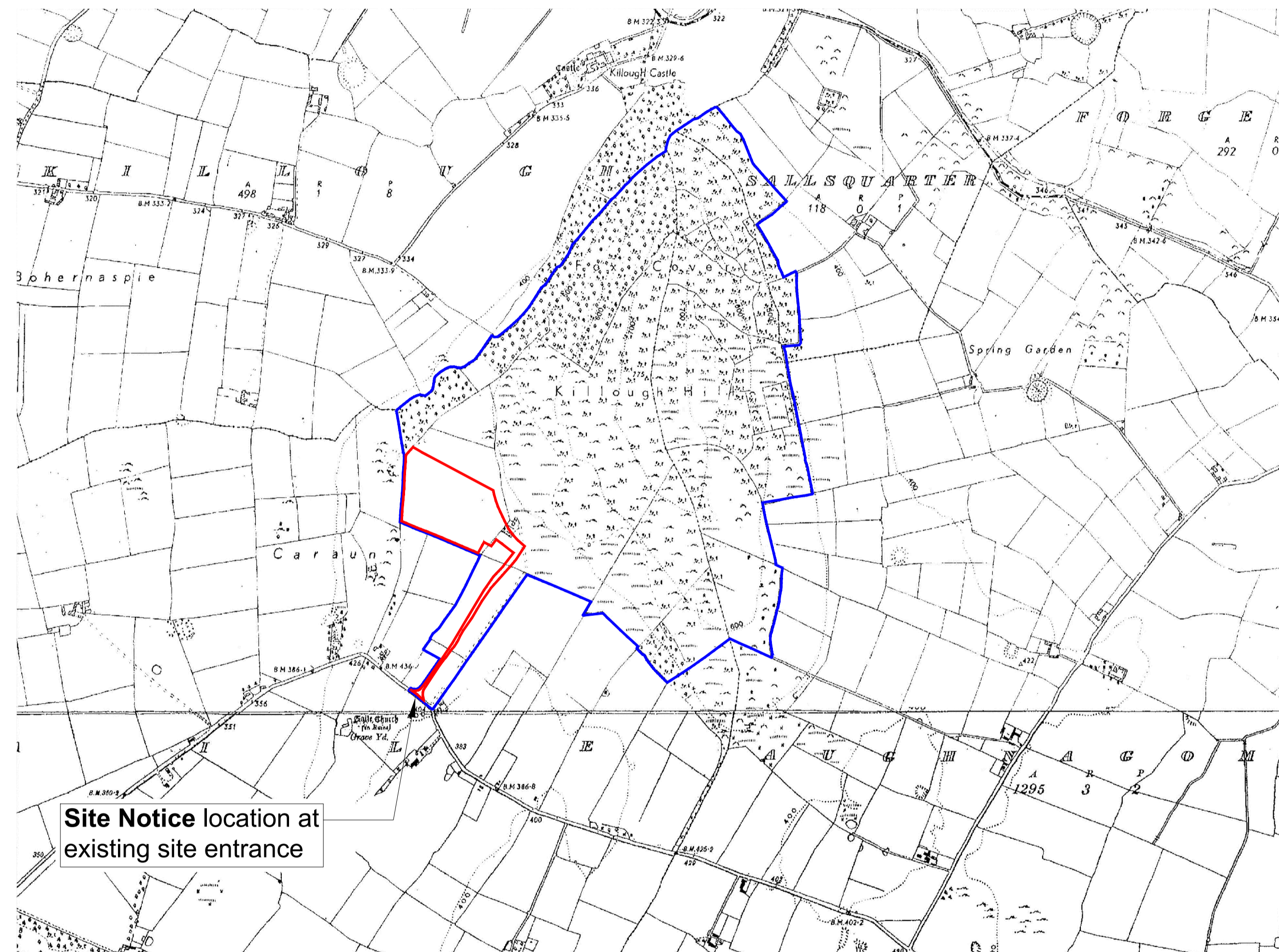
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LEGEND

-  Applicants Land Interest Area (c.108.3 hectares)
-  Planning Application Area (c. 6.3 hectares)

NOTES:

- Extract from Ordnance Survey Map 6 Inch Mapping: TY047 & TY053



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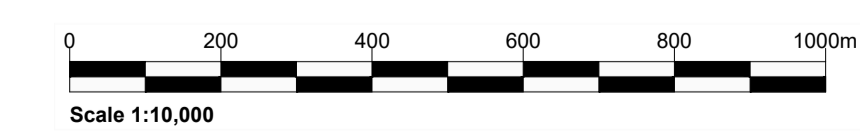


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Fingleton White Group

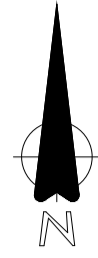


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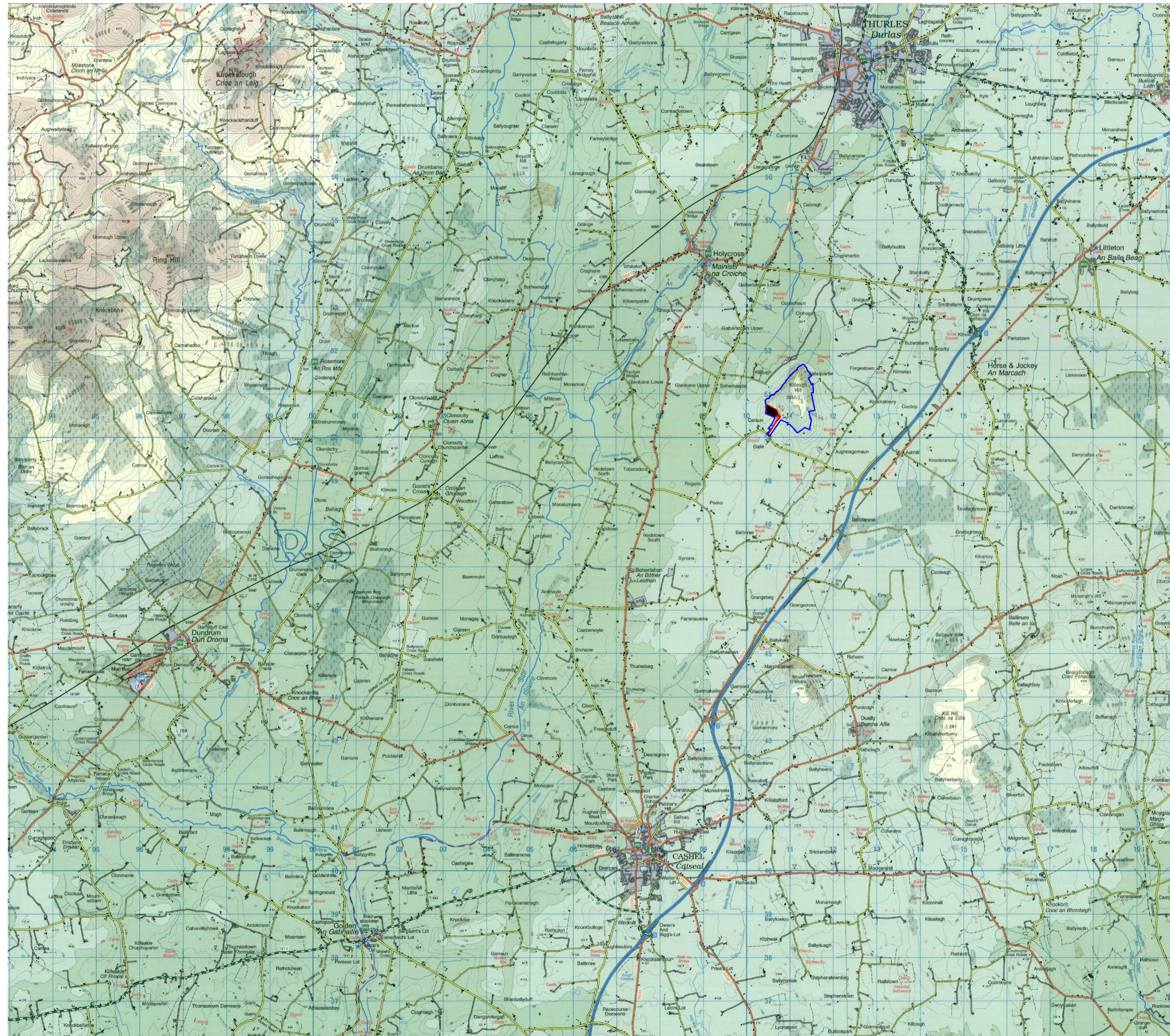
Project
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SITE LOCATION PLAN



Drawn	Scale	Drawing Number	Rev.
PD	1:10,000 @ A1	1905-DG-0021	1
Chkd. JB	Date 18/11/24		
Apprtd. N.MAHER	Status DRAFT		



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LEGEND

- Applicants Land Interest Area (c.108.3 hectares)
- Planning Application Area (c. 6.3 hectares)

NOTES:

- Extract from Ordnance Survey Map No. 66

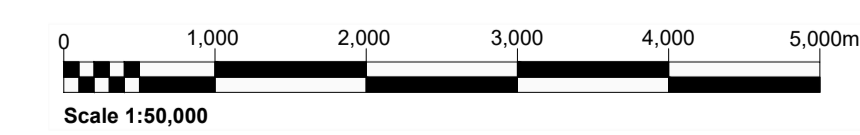
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Project
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SITE LOCATION MAP



Drawn	Scale	Drawing Number	Rev.
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