






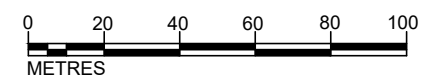




- KEY:**
-  Installation Boundary
  -  Multi-Operator Installation Boundary
  -  Tanks Excluded from Permit Scope
  -  Thames Water Air Emission Point
  -  Finning UK (Limited) Air Emission Point
  -  Sampling Point
  -  Liquor Transfer Point

- A1 - CHP Engine No. 2 - Operated by Finning UK (Limited)
- A2 - CHP Engine No. 3 - Operated by Finning UK (Limited)
- A3 - CHP Engine No. 4 - Operated by Finning UK (Limited)
- A4 - Biogas Flare
- A5 - Biogas Flare
- A8 - Boiler 1 (non operational)
- A9 - Boiler 2 (non operational)
- A10 - Boiler 3 (non operational)
- A11 - Boiler 4 (non operational)
- A12a,b,c - Heat Recovery Boiler
- A13 - OCU1
- A14 - OCU2
- A15 - OCU3
- A16 - OCU4
- A17 - THP PRV
- A18-A25 - Primary Digestion Tanks PRVs
- A26 - Sequential Primary Digestion Tank PRV
- A27 - Main Dewatering Press Buffer Tank PRV
- A28 - Biogas Holder PRV
- A29 - Biogas Holder PRV
- A30 - Emergency Standby Generator - Operated by Finning (UK) Limited

- S1 - Picket Fence Thickener Liquors, SAS Thickening Liquors, THP Centrifuge Thickening Liquors, Digested Sludge Dewatering Liquors, OCU Waste Waters, Biogas Condensate, Boiler Waste Water, Surface Water Runoff
- S2 - Picket Fence Thickener Liquors
- T1 - Picket Fence Thickener Liquors, SAS Thickening Liquors, THP Centrifuge Thickening Liquors, Digested Sludge Dewatering Liquors, OCU Waste Waters, Biogas Condensate, Boiler Waste Water, Surface Water Runoff
- T2 - Picket Fence Thickener Liquors
- T3 - Head of Works Imports



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P05	OCT 2023	FOR INFORMATION	LC	MM	JK	MM
P04	AUG 2023	FOR INFORMATION	AR	MM	JK	MM
P03	JUL 2023	FOR INFORMATION	KB	MM	JK	MM
P02	JUL 2022	FOR INFORMATION	AR	MM	JK	MM
P01	APR 2020	FOR INFORMATION	AR	MM	JK	MM



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Project  
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LONG REACH STW**

Drawing title  
**FIGURE 2  
INSTALLATION BOUNDARY  
AND AIR EMISSION POINTS  
(SHEET 1)**

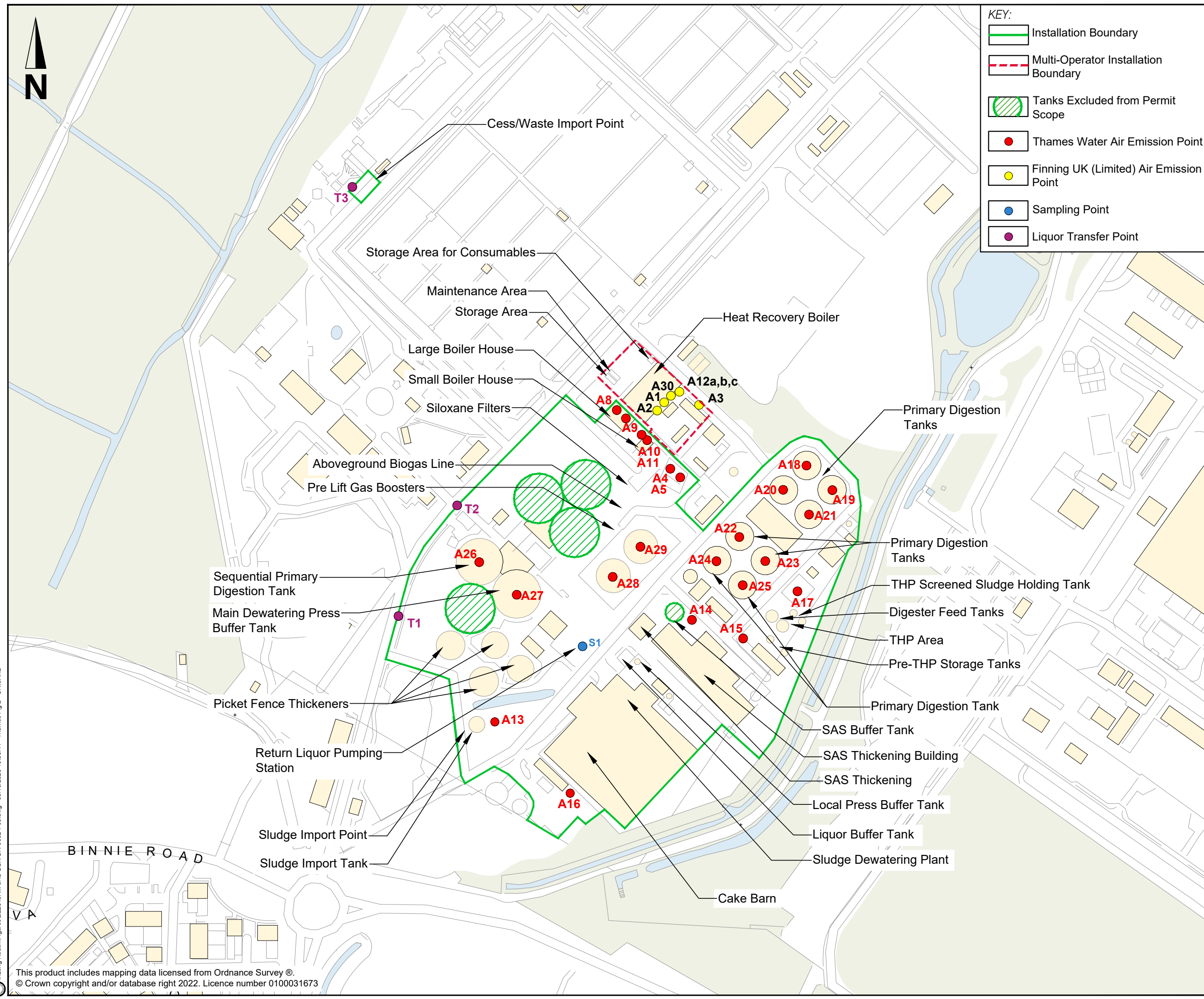
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Scale  
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Jacobs No. B22849AZ  
Client no.  
Rev P05

Drawing number  
**B22849AZ-JAC-LGR-DR-0002**

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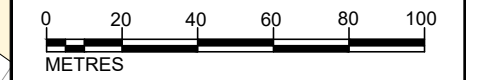


- KEY:**
- Installation Boundary
  - Multi-Operator Installation Boundary
  - Tanks Excluded from Permit Scope
  - Thames Water Air Emission Point
  - Finning UK (Limited) Air Emission Point
  - Sampling Point
  - Liquor Transfer Point

- A1 - CHP Engine No. 2 - Operated by Finning UK (Limited)
- A2 - CHP Engine No. 3 - Operated by Finning UK (Limited)
- A3 - CHP Engine No. 4 - Operated by Finning UK (Limited)
- A4 - Biogas Flare
- A5 - Biogas Flare
- A8 - Boiler 1 (non operational)
- A9 - Boiler 2 (non operational)
- A10 - Boiler 3 (non operational)
- A11 - Boiler 4 (non operational)
- A12a,b,c - Heat Recovery Boiler
- A13 - OCU1
- A14 - OCU2
- A15 - OCU3
- A16 - OCU4
- A17 - THP PRV
- A18-A25 - Primary Digestion Tanks PRVs
- A26 - Sequential Primary Digestion Tank PRV
- A27 - Main Dewatering Press Buffer Tank PRV
- A28 - Biogas Holder PRV
- A29 - Biogas Holder PRV
- A30 - Emergency Standby Generator - Operated by Finning (UK) Limited

- S1 - Picket Fence Thickeners Liquors, SAS Thickeners Liquors, THP Centrifuge Thickeners Liquors, Digested Sludge Dewatering Liquors, OCU Waste Waters, Biogas Condensate, Boiler Waste Water, Surface Water Runoff
- S2 - Picket Fence Thickeners Liquors

- T1 - Picket Fence Thickeners Liquors, SAS Thickeners Liquors, THP Centrifuge Thickeners Liquors, Digested Sludge Dewatering Liquors, OCU Waste Waters, Biogas Condensate, Boiler Waste Water, Surface Water Runoff
- T2 - Picket Fence Thickeners Liquors
- T3 - Head of Works Imports
- T4 - Process Waters (from Finning (UK) Limited)



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P06	OCT 2023	FOR INFORMATION	AR	MM	JK	MM
P05	SEP 2023	FOR INFORMATION	AR	MM	JK	MM
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P02	JUL 2022	FOR INFORMATION	AR	MM	JK	MM
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Client:

Project: **STC IED PERMIT LONG REACH STW**

Drawing title: **FIGURE 2 INSTALLATION BOUNDARY AND AIR EMISSION POINTS (SHEET 2)**

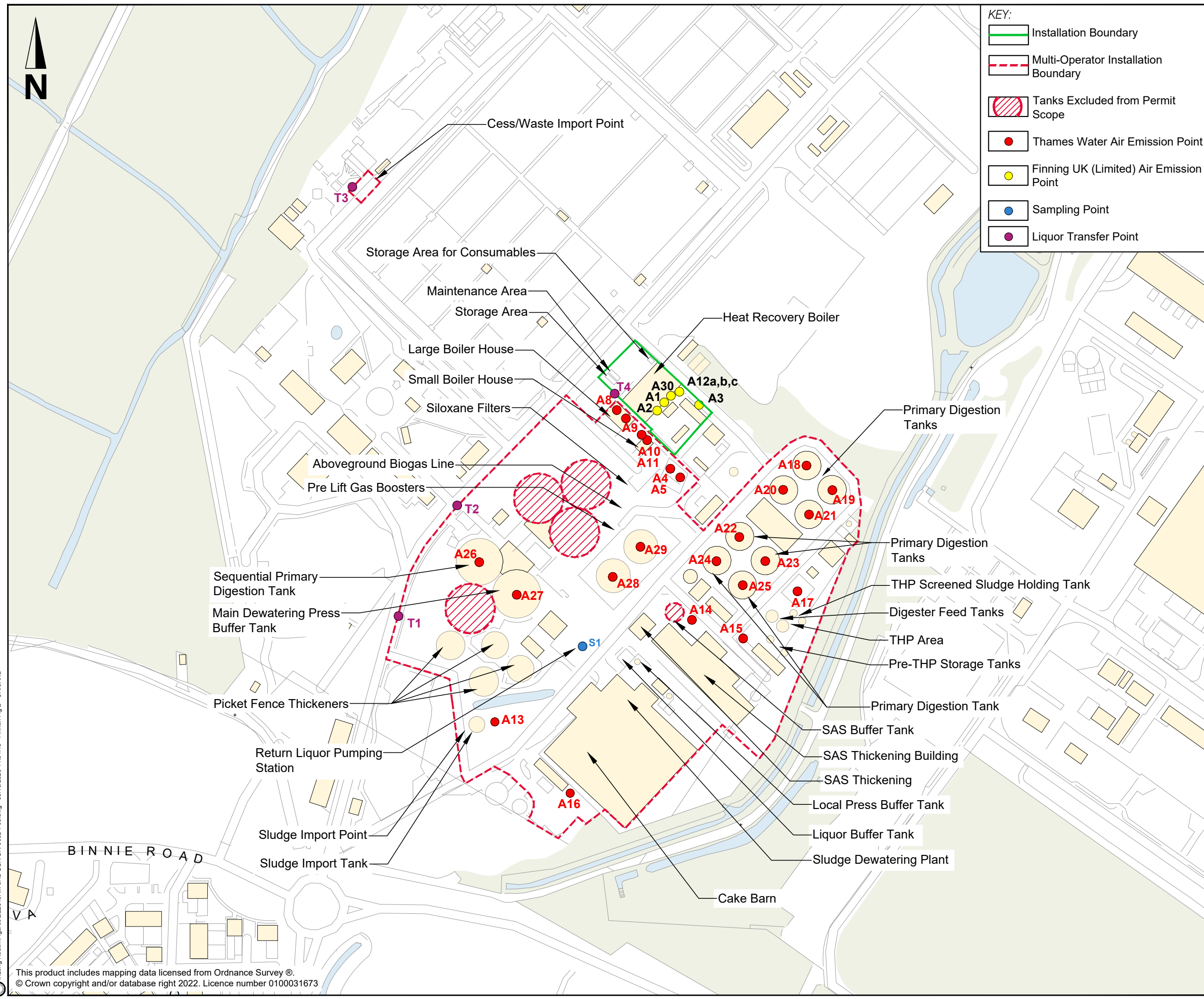
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Jacobs No. B22849AZ Rev P06

Drawing number: **B22849AZ-JAC-LGR-DR-0002**

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