



- Note:**
- All dimensions noted are in metres unless stated otherwise.
  - Do not scale from this drawing, if dimensions are not clear ask.
  - This document has been created in accordance with Plandescl Ltd Terms & Conditions along with the scope of works provided by the client to Plandescl. Any use of this document other than for its original purpose is prohibited, Plandescl accept no liability for any third party uses of this document.
  - Plandescl Ltd to be immediately notified of any suspected omissions or discrepancies.
  - This drawing is to be read in conjunction with all other relevant documents relating to the project.
  - Refer to CLS Survey Drawing: 0598/10/001 - Topographical Survey (21.03.2023)
  - Refer to the following received documents:
    - OBM Proposed Services Layout - underground drawing No. 200064-MS-EM-02-0002 Rev 1 received 14/03/2024
    - Agreform drawing A2865UK\_00\_03\_Foundations\_A' received 07/03/2024
    - DMT '3D Model Overall drawing No. 200064-MS-EM-02-0002 Rev 2.002 received 05/01/2024
  - Proposed planning boundary received from client, not specified by Plandescl Ltd.
  - Information shown in red was provided by the site engineer on 16.01.2024 from OBM Drawing: OBM-DRW-ARFF-015 Rev 'L'

- Proposed Drainage Key:**
- Leachate Drainage Pumped Pipe (LD)
  - Leachate Gravity Drainage (LD)
  - ACO QMAX 150 Channel (LD)
  - Leachate Manhole (LD)
  - Leachate Sump (LD)
  - Leachate Gully (LD)
  - Leachate Gully Sump (LD)
  - Surface Water Gravity Drainage (SW)
  - Surface Water Perforated Pipe (SW)
  - Surface Water Pumped Pipe (SW)
  - Surface Water Manhole (SW)
  - Surface Water Inspection Chamber (SW)
  - Surface Water Gully (SW)
  - Surface Water ACO Channel (SW)
  - Pumped Containment Water Pipe (Clean External)
  - Pumped Digestate Pipe
  - Lagoon Pumped Recirculation Pipework
  - Foul Water Drainage Pipe (FW)
  - Foul Water Manhole (FW)
  - Foul Water Cesspool (FW)
  - Shut-off Valve

- GENERAL KEY:**
- Proposed Asphalt Surfacing
  - Proposed Concrete Surfacing
  - Proposed Hardcore / D/I/T Type 1 Surfacing
  - Proposed Hardcore / D/I/T Type 3 Surfacing
  - 175mm Thick Steel &/Or Fibre Reinforced Concrete (TBC By Contractor) - Type A
  - 175mm Thick Steel &/Or Fibre Reinforced Concrete (TBC By Contractor) - Type B
  - Proposed Regraded Earthworks (Seeded)
  - Proposed Earth / Topsoil Landscaping Bund
  - Proposed Containment Floor Clean Sump Pit
  - Proposed Containment Floor Dirty Sump Pit (TBC)
  - Proposed Containment Floor Drainage Channel
  - Proposed 1.20m High Fence Line (TBC by Client)
  - Proposed 2.40m High Fence Line (TBC by Client)
  - S73 Planning Application Boundary
  - New Application Boundary
  - Proposed Vehicle High Impact Barrier (Armco Type)
  - Proposed Road Width Extension Area
  - Speed Hump or Concrete Formed Hump (TBC by Client)

- Proposed Plant Key**
- Pump Room
  - Weighbridge
  - Separation Area Bunker
  - E-Con
  - Bund Ramp
  - Sludge Clamp (2No.) (69.50m x 32.50m)
  - Straw Processing Building
  - Digester (2No.) (26.00m Internal)
  - Surface Water Holding Lagoon
  - DMT Equipment (2No.)
  - CO2 Equipment
  - CHP Engine (2No.)
  - Plugflow Tank
  - Compressors (2No.)
  - Digestate Removal/Filling Station
  - Feedhopper (2No.)
  - Digestate Storage Lagoon
  - Clean Area Containment Floor Sump Pit
  - Feedstock Storage Pad
  - Meeting Room
  - Gas Flare (10.0m Exclusion Zone TBC)
  - Grid Entry Unit
  - Separator and Pump
  - Condensate Trap
  - Welfare Office
  - Car Parking (6No. Spaces TBC)
  - Site Office
  - Storage Containers (2No.)
  - Buffer Tank (TBC)
  - Ferric Chloride Tank (IBC Storage)
  - Dirty Area Containment Floor Sump Pit (Position/No. TBC)
  - Dirty Water/ Leachate Storage Lagoon
  - LV Board
  - Chiller (4No.) - (DMT & Technical Building Roof)
  - NGT (National Gas Compound)
  - PRS (National Gas Compound)
  - E & I Kiosk (National Gas Compound)
  - Boiler Package (National Gas Compound)
  - Emergency Generator (Genset)
  - Oil Tank
  - Weighbridge Office
  - Mixing Tank (2No.) (TBC)

**ISSUED FOR CLIENT REVIEW**

Rev	Date	Rev By	Chkd	Description
K	20-03-24	RJG	AF	Amended to suit clients comments
J	30-11-23	TOH	AF	Amended to suit clients comments
H	12-10-23	RJG	AF	Amended to suit clients comments
G	29-09-23	KDW	AF	Amended to suit clients comments
F	31-08-23	TOH	AF	Amended to suit clients comments
E	31-08-23	TOH	AF	Amended to suit clients comments
D	10-08-23	RJG	AF	Amended to suit clients comments
C	21-07-23	RJG	AF	Amended to suit clients comments
B	23-09-22	TOH	CAJ	Amended to suit clients comments
A	08-09-22	TOH	AF	Amended to suit clients comments
O	20-07-22	AF	AF	Tender Issue



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civil / structural / environmental / surveying

Client: **O'Brien Moran & Co Ltd.**

Project: **Proposed AD Plant, Land Off Barff Lane, Glentham, LN8 2EY**

Drawing Title: **Proposed Site Drainage Layout**

Scale	U.N.O.	Date	Drawn By
1:250 (A0)		July 2022	TOH
Drawing No.	28248/006	Rev	K

