



Reception building internal dirty/leachate water managed and contained internally for re-use in the AD process. See Plandescil drawing 26195-008 Rev 0 - Proposed reception Building Internal Drainage Layout.

Containment bund drainage not designed by Plandescil Ltd.

Proposed Shut Off Valve
 1100 Clay Ferric Chloride Shut-off pipe, encased in Bund Floor Concrete

- General Notes**
- All dimensions noted are in millimetres unless stated otherwise.
 - All levels to be above Ordnance Survey Datum defined levels (A.O.D.m) unless noted otherwise.
 - Do not scale from this drawing, if dimensions are not clear ask.
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 - Plandescil Ltd. to be immediately notified of any suspected omissions or discrepancies.
 - This drawing is to be read in conjunction with Plandescil Drawings:
 - 26195 - 300 Rev A - Drainage Survey Sheet 1 of 2
 - 26195 - 301 Rev A - Drainage Survey Sheet 2 of 2
 - All setting out to be coordinated by the Contractor and to be checked onsite prior to construction.
 - Refer to received BioConstruct Drg export plant layout_Evercreech_WS_210723.



Existing Plant Key
 ① Existing Utility Distribution Building To Remain

General Key

- Proposed Asphalt Surfacing
- Proposed 175mm Concrete - Steel and Fibre Reinforced
- Proposed D.o.T Type 1
- Proposed Concrete
- Redline Boundary

Plant Key

- 1 Weighbridge
- 2 Weighbridge Office / Ancillary Building (16.50m x 4.00m)
- 3 Car Parking Spaces (5No.)
- 4 Odour Control Filter
- 5 Reception Building (1690m² Floor Area)
- 6 Transformer
- 7 Substation
- 8 LV Board
- 9 Buffer Tank (Heating System)
- 10 CHP Engine
- 11 Boiler
- 12 Emergency Generator
- 13 Gas Upgrading Unit
- 14 Grid Entry Unit
- 15 Propane Tanks (10.00m Exclusion Zone)
- 16 Flare (10.00m Exclusion Zone)
- 17 Digestate Storage Tank (20.00mØ)
- 18 Fire Safety Tank (195m³) - Position TBC
- 19 Pre Storage Tank (3No. @ 10.00mØ)
- 20 Buffer Tank (12.00mØ)
- 21 Fermenter Tank (3No. @ 20.00mØ)
- 22 Technical Building
- 23 Post Fermenter Tank (2No. @ 24.00mØ)
- 24 Gas Processing Unit, Pasteurisation Tank (3No.), Technical Container
- 25 Reception Tank for Ferric Chloride
- 26 Bund Gate
- 27 Oxygen Generator Room
- 28 External Containment Floor Sump (13No.) - TBC

Existing Drainage Key

- Foul Water Drainage (FW)
- Foul Water Manhole (FW)
- Surface Water Drainage (SW)
- Assumed Surface Water Drainage (SW)
- Surface Water Gully (SW)

Proposed Drainage Key

- Foul Water Drainage (FW)
- Foul Water Manhole (FW)
- Surface Water Drainage (SW)
- Surface Water Down pipe (SW)
- Surface Water Gully Manhole (SW)
- Surface Water Gully (SW)
- Surface Water Inspection Chamber (SW)
- Surface Water Filter Drain (SW)
- Surface Water ACO Drain (SW)
- Surface Water ACO Sump Gully (SW)
- Shut Off Valve
- Clean Containment Bund Water (Pumped 2l/s)
- Prefab Containment Bund Drainage Channel
- Containment Bund Gravity Drainage Pipe, encased in Bund Floor Concrete
- Ferric Chloride dirty Water Shut-off Pipe, encased in Bund Floor Concrete

APPROVAL & COMMENT

Rev	Date	Rev By	Chkd	Description
B	10-09-21	DAD	AF	Minor Amendments
A	28-07-21	JLB	AF	Minor Amendments
0	04-08-20	-	OAJ	First Issue

Scale U.N.O. Date May 2021 Drawn By JHB

Drawing No. 26195/005 Rev B

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Client
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Project
 Proposed AD Plant, Evercreech Junction Ind. Estate, Somerset

Drawing Title
 Proposed Site Drainage Layout

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