



1	Access Control Gate
2	Management building
3	Admin Office parking
4	Back-up Boiler
5	Biogas Compression
6	Biogas Upgrading Plant
7	Control Room, Ablution and Mess
8	Digestate Liquor Storage Tank
9	Digester -Primary
10	Digester -Secondary
11	Pump Room
12	Egoli Gas Connection Point
13	Electrical MCC
14	Pipe & Cable Route
15	Emergency Flare Stack
16	Fire Protection System
17	Future Digester
18	Ground Monitor Borehole
19	Heat Supply
20	Lightning Mast
21	Main Electrical Supply Sub-Station
22	Mascerator
23	Metrobus Fuelling Area
24	Process Water Connection
25	Security Guard Hut
26	Site Access Road
27	Skid-Steer Loader
28	Standby Generator Unit
29	Storm Water Swale
30	Waste Tipping Bays
31	Waste Pre-Processing bays
32	Waste Sorting Plant
33	Waste Truck
34	Waste Truck Turning Area
35	Weighbridge Office
36	Weigh Bridge
37	Workshop & Storage Building
38	Sewer Connection
39	Feed Buffer Tank
40	Gas Storage
41	De-Sulphurization
42	Excess Waste Storage
43	Digestate Dewatering
45	Biogas Blower
46	O2 Supply
47	Biogas Dryer
48	Liquids and Lechate Pit
49	Filling Station Gate
50	Gate to Pikitup MRF
51	Leachate Pond
52	Rain Water Capture
53	Booster Filling Compressor
54	Storage Building (Waste, Digestates, Spares or Consumables)
55	Energy Systems Waste Heat to Energy Electrical Connection
56	Hot Water Supply Point and Cold Water Return Point
57	Biogas Vent Point to Joburg Landfill Gas
58	Waste Pile

Sheet Size
A1

ENERGIDROP
ACCELERATING ALTERNATIVES

ENERGIDROP (PTY) LTD
Reg: 2014/010507307
Plot 94, Alesha Road,
Fouriesburg, 1759
Schurweg 85

T: +27 82 968 1130
info@energidrop.com
www.energidrop.com

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CoJ BIOMETHANE PROJECT
ROBINSON LANDFILL SITE
BIO-METHANE GAS PLANT
SITE PLAN

Scale

ENERGIDROP Drawing Number

Sheet No
01 of 01

Project Number

Discipline

Type

Sub Typ

Drawing No

Sheet

Rev

ED-002

ENG DWG

LAY

001

01

0M

Designation

Name

Date

Signature

Drawn By

JHCF/DVV

27-06-2021

N/A

Checked By

Section Leader

Civil Eng

Electrical Eng

Instrument Eng

Mechanical Eng

Piping Eng

Process Eng

Structural Eng

DO Manager

Project Manager

Eng. Manager

Reference Drawing Number	Reference Drawing Title	Revision	Date	Revision Description	Rev By	Checked	S/Leader	Engineer
		0A	13-07-2018	ISSUED FOR REVIEW	JF			
		0B	07-09-2018	General Revisions	JF			
		0C	12-04-2019	Topographical study data added	JF			
		0D	29-05-2019	Rd-Drawn	JF			
		0E	21-0-2019	Entrance Road Modifications	LDC			
		0F	28-07-2019	Gates , move 23,48,15 remove 41, add 45, 46,47,40 cloud 45	LDC			
		0G	06-08-2019	Picking Line Layout Inserted	LDC			
		0H	20-08-2019	Picking Line Changes, De-Sulphurisation added	LDC			
		0I	20-08-2019	Add RORO vehicle movement	LDC			
		0J	07-10-2019	RORO, water treatment, dryer, O2, Dryer etc added & changed	LDC			
		0K	29-10-2019	Added Lightning Diverters & Stairs	LDC			
		0L	14-06-2021	Corrected boundary fence, weighbridge office and pipe rack	DVV			
		0M	27-06-2021	Additional pathways	DVV			