



Starting point of Approach Ramp

7.0m Wide Approach Ramp

0.16m OD Leachate Collection Perforated HDPE Pipe Network

Perforated Gas Pipes for Passive Venting

End point of Approach Ramp

3.0m Wide Horizontal Berm at the End of First Side Slope

3.1m Wide Horizontal Berm Between Retaining wall and First Side Slope

Green Belt

4.0m wide Peripheral Road

1.0m wide Storm Water Drain

0.23m Thk. Retaining Wall

4.0m wide Top Service Road

0.30m Thk. Retaining Wall

First Side Slope

Second Side Slope

Bottom of Landfill Phase

0.225m OD Leachate Collection Main Header HDPE Pipe

Connected to Leachate Tanks

Leachate Tanks

Storm Water Outlet from Site

NO.	BUILDING	SIZE
1	SECURITY OFFICE	3.0x3.0M
2	WEIGH BRIDGE MONITORING ROOM	3.0x5.0M
2a	WEIGH BRIDGE PLATFORM - 50 MT CAPACITY	9.0x4.0M
3	INCINERATOR PLANT	73.0x29.0M
4	ADMN. BUILDING WITH LABORATORY	22.0x8.0M
5	PARKING SHADE FOR ADMN. BUIL.	15.0x7.0M
6	WORKERS TOILET/CHANGE ROOM	10.0x5.0M
7	FRESH WATER SUMP	10.0x5.0x5.0M
9	TRUCK WASHING SYSTEM	12.0x5.0M
10	MAIN GATE-9M WIDE SLIDING GATE (2-NOS.)	-
11	INTERMEDIATE WASTE STORAGE AREA WITH WASTE STABILIZATION AREA	60.0x25.0M
12	TRANSFORMER YARD	5.0x5.0M
13	PGVCL Switch Yard	5.0x5.0M
14	D.G. ROOM AND PANEL ROOM	20.0x10.0M
15	TRUCK PARKING (OPEN)	30.0x10.0M
16	WORKERS REST ROOM	10.0x10.0M
17	CANTEEN	10.0x10.0M
18	PEIZOMETER WELLS AT DIFFERENT DEPTHS	0.20M φ
19	LIQUID WASTE STORAGE SHED	15.0x25.0M
20	SOLID WASTE STORAGE SHED	15.0x25.0M
21	EFFLUENT TREATMENT PLANT	15.0x10.0M
22	STORM WATER POND (5.0M DEPTH)	30.0x5.0M
23	WASTE INSPECTION/STABILIZATION AREA	5.0x5.0M
24	FIRE PUMP HOUSE	10.0x5.0M
25	U/G FIRE TANK	10.0x10.0M
26	SEPTIC TANK - 2 NOS	2.5x5.0M

NOTES

1. ALL DIMENSIONS AND LEVELS ARE IN METERS.
2. DRAWING IS IN SCALE OF 1:2.
3. AMBIGUITIES IF NOTICED, SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO COMMENCEMENT OF THE WORK.

REFERENCES

NO.	DATE	DESCRIPTION
15	14.06.22	TENDER DRAWING
14	09.06.22	TENDER DRAWING
13	07.06.22	TENDER DRAWING
12	30.05.22	TENDER DRAWING
11	04.05.22	TENDER DRAWING
8	07.01.22	TENDER DRAWING
7	19.10.21	TENDER DRAWING
6	08.10.21	TENDER DRAWING
5	06.10.21	TENDER DRAWING
4	04.10.21	TENDER DRAWING
3	29.09.21	TENDER DRAWING
2	23.09.21	TENDER DRAWING
1	15.09.21	TENDER DRAWING
0	07.09.21	TENDER DRAWING

REV. DATE REVISION DATE : 07.09.2021

PROJECT CONSULTANT-
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 AND ARCHITECTS, NIRMAN BHAVAN, OPP :
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 AHMEDABAD 380006**

CLIENT :
**VARNI ENVIRO CARE PVT. LTD.
 SURVEY NO. 283, VILLAGE: SURAI, TALUKA
 CHOTILA, DIST. - SURENDRANAGAR**

DRAWING TITLE:
**LAYOUT PLAN OF SECURED LANDFILL PHASE
 AND INCINERATION FACILITY FOR TREATMENT
 AND DISPOSAL OF HAZARDOUS SOLID WASTE**

DRAWING No. **VECPL/SITE LAYOUT-001** REV. **15**