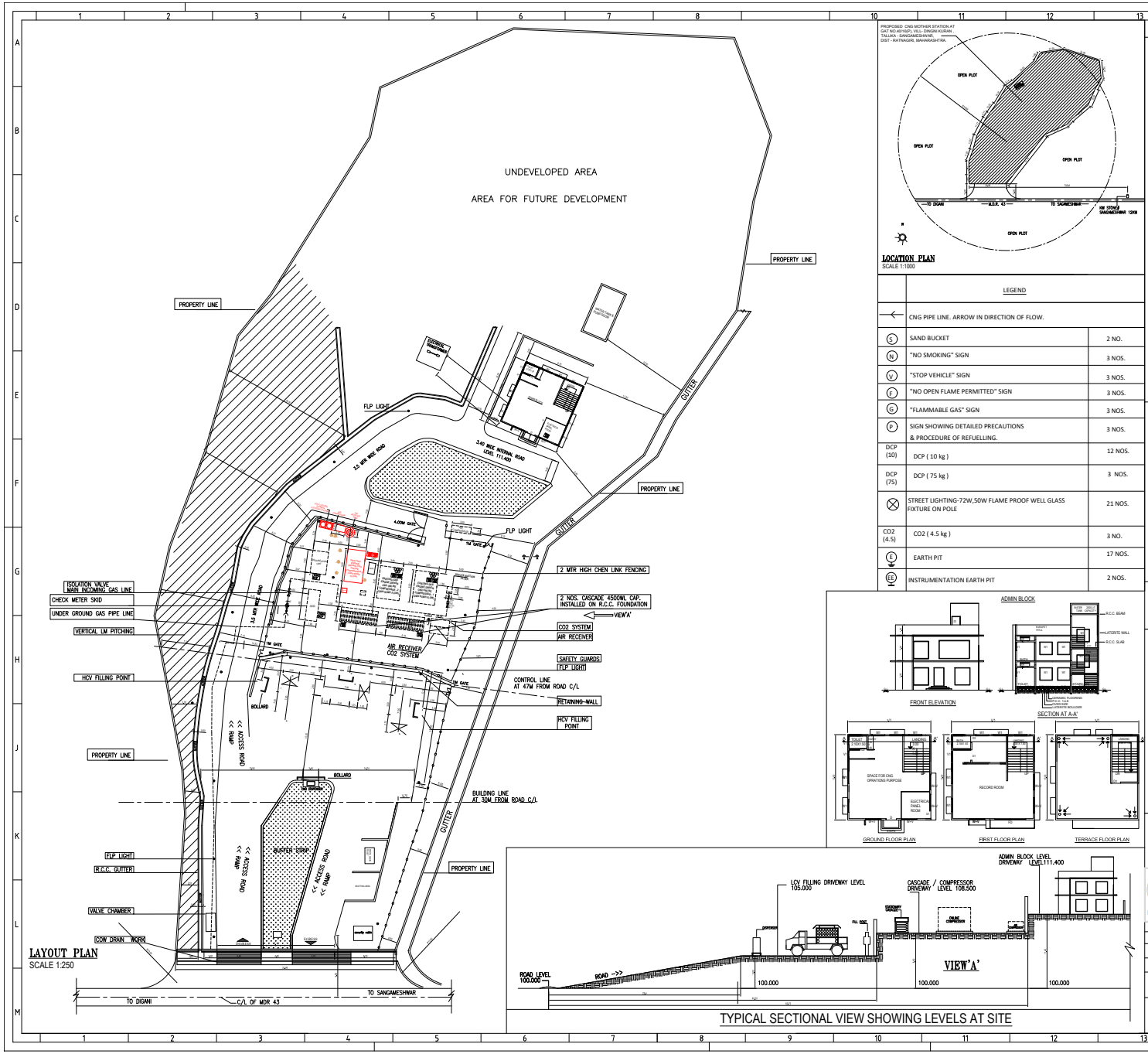





LOCATION PLAN
SCALE 1:1000

| | LEGEND | |
|---|---|---|
| | CNG PIPE LINE. ARROW IN DIRECTION OF FLOW. | |
| S | SAND BUCKET | 2 NO. |
| N | "NO SMOKING" SIGN | 3 NOS. |
| V | "STOP VEHICLE" SIGN | 3 NOS. |
| F | "NO OPEN FLAME PERMITTED" SIGN | 3 NOS. |
| G | "FLAMMABLE GAS" SIGN | 3 NOS. |
| P | SIGN SHOWING DETAILED PRECAUTIONS & PROCEDURE OF REFUELLING. | 3 NOS. |
| DCP (10) | DCP ( 10 kg ) | 12 NOS. |
| DCP (75) | DCP ( 75 kg ) | 3 NOS. |
| ⊗ | STREET LIGHTING-72W,50W FLAME PROOF WELL GLASS FIXTURE ON POLE | 21 NOS. |
| CO2 (4.5) | CO2 ( 4.5 kg ) | 3 NO. |
| E | EARTH PIT | 17 NOS. |
| EE | INSTRUMENTATION EARTH PIT | 2 NOS. |







TYPICAL SECTIONAL VIEW SHOWING LEVELS AT SITE

STAMP OF APPROVAL

UNISON ENVIRO PRIVATE LIMITED

LEGEND:-
ADDITION OF NEW CNG FACILITIES.
DELETION CNG FACILITIES.

NOTES:

1. ALL DIMENSIONS ARE IN METER.
2. CNG DISPENSER IS CONNECTED TO STORAGE CASCADE VIA COMPRESSOR BY SS TUBES.
3. THE PROPOSED CNG FACILITIES ARE DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODE AND GUIDELINES:
   A. NZS 5425 - 1994.
   B. PETROLEUM RULES - 2002.
   C. GAS CYLINDER RULES - PESO Rules 2016.(GOVT.OF INDIA.)
   D. GUIDE LINES OF CHIEF CONTROLLER OF EXPLOSIVES NAGAPUR.
4. FIRE SAFETY EQUIPMENT FOR CNG FACILITIES SHALL BE PROVIDED AND INSTALLED BY CLIENT.
5. FIRE SAFETY AND TRAFFIC SIGNS SHALL BE INSTALLED BY RETAIL OUTLET.
6. ALL EXISTING LIGHTING POLES SHOULD BE INSTALLED 6 METER AWAY FROM THE CNG EQUIPMENTS LIKE COMPRESSORS, CASCADES & DISPENSER.

OTHER DETAILS

A) CHECK METER SKID

EQUIPMENT DETAILS

A.

| S.NO. | EQUIPMENT | NOS. | SERVICE | BLOCK SIZE L x W (IN MTRS) | CAPACITY |
|---|---|---|---|---|---|
| 1. | GAS ENGINE COMPRESSORS | 2 | C.N.G. | 5.0 X 3.50 | 2000 SCMH |
| 2. | STATIONARY CASCADE | 2 | C.N.G. | 5.70 X 2.25 | 4500 LTR WATER. |
| 3. | CAR/AUTO DISPENSER | 1 | C.N.G. | 2.30 X 1.00 | 15.0 KG/MIN FLOW |
| 4. | ODOURIZOR UNIT | 1 | C.N.G. | 3.50 X 2.43 | 500 LTR. WATER |
| 5. | METERING SKID | 1 | C.N.G. | 4.80 X 1.80 | 1600 TO 10000 SCMH |
| 6. | GAS ENGINE COMPRESSORS | 1 | C.N.G. | 5.80X 2.80 | 2000 SCMH |

B. SAFETY FEATURES:-

a) 12 NOS. 10 KG EACH DCP NEAR LCV, STATIONARY CASCADE, COMPRESSOR & CNG DISPENSER
b) 3 Nos $CO_2$ FLOODING SYSTEM INSIDE COMPRESSOR ENCLOSER.
c) 3 NOS. 75 KG EACH DCP NEAR COMPRESSOR.

AUTO. SIGN

MAHANAGAR GAS

**UNISON ENVIRO PRIVATE LIMITED**
**(A MAHANAGAR GAS LIMITED ENTERPRISE)**

| | | | | |
|---|---|---|---|---|
| SECTION | PROJECT (CNG) | CNG & CITY GAS DISTRIBUTION NETWORK IN RATNAGIRI DIST. | | |
| LOCATION | SANGMESHWAR | | | |
| DESIGNED | S.S. | PROPOSED AUGMENTATION OF CNG FACILITIES IN EXISTING CITY GATE STATION CUM CNG MOTHER STATION AT GAT NO.40/16(P), VILL- DINGNI KURAN ,TALUKA - SANGAMESHWAR, DIST - RATNAGIRI, MAHARASHTRA. | | |
| DRAWN | R.B. | | | |
| CHECKED AND VERIFIED | A.S | | | |
| APPROVED | SIGN | SCALE - 1:250 | SHEET | REV |
| | DATE 10/12/2024 | DRG.NO: UEPL/17-178/MS/NRO/0002 | 1 OF 1 | 08 |

Digitally signed by HIRDAYESH SHARMA
Reason: Licence No. : G/HO/MH/07/329
Location:West Circle [G47744]
Date:03-01-2025 12:57:38 PM