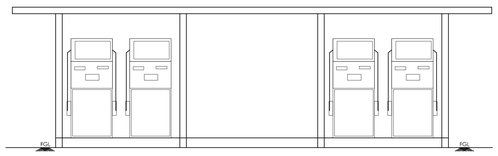
PLAN SHOWING THE PROPOSED INDUSTRIAL BUILDING OF A CITY GATE STATION CUM CNG MOTHER STATION FACILITIES AT SURVEY.NO:85/7A2, MELAPERADIKUPPAM VILLAGE & PANCHAYAT,TINDIVANAM TALUK VILLUPURAM DISTRICT.

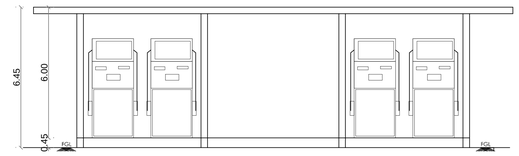
ALL DIMENSIONS ARE IN METERS .

SCALE 1:100.

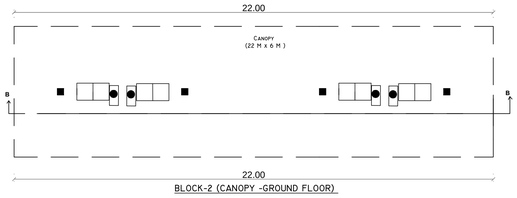
APPLICANT : M/S MEGHA CITY GAS DISTRIBUTION PVT LTD.



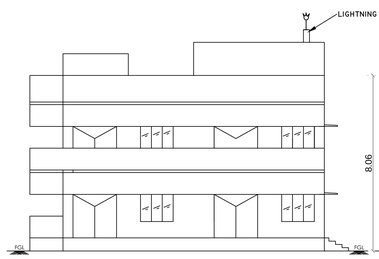
ELEVATION



SECTION ON ''B- B''



BLOCK-2 (CANOPY -GROUND FLOOR)



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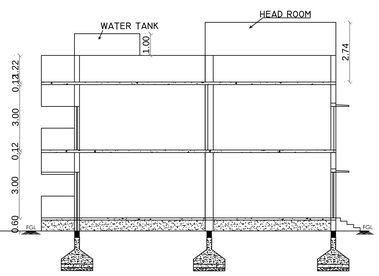
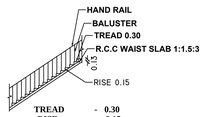
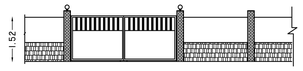


SECTION ON ''A- A''

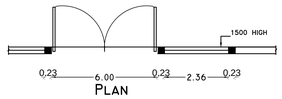


TREAD - 0.30
RISE - 0.15
WIDTH - 1.50
SLAB thickness - 0.13

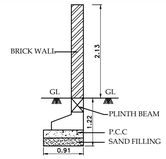
DETAIL OF STAIRCASE



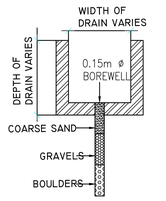
ELEVATION



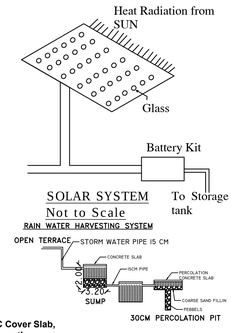
PLAN



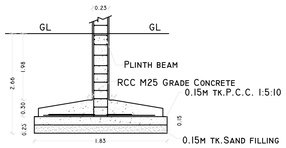
COMPOUND WALL DETAIL



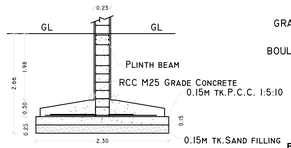
BOREWELL DETAIL
(SCALE= 1:50)



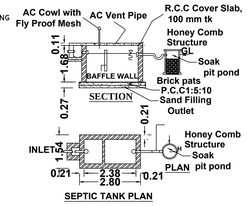
SOLAR SYSTEM
Not to Scale



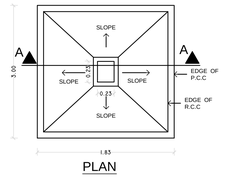
SECTION - 'AA'
As per design



SECTION - 'AA'
As per design

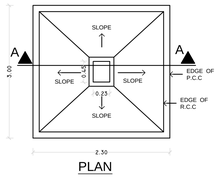


SEPTIC TANK PLAN



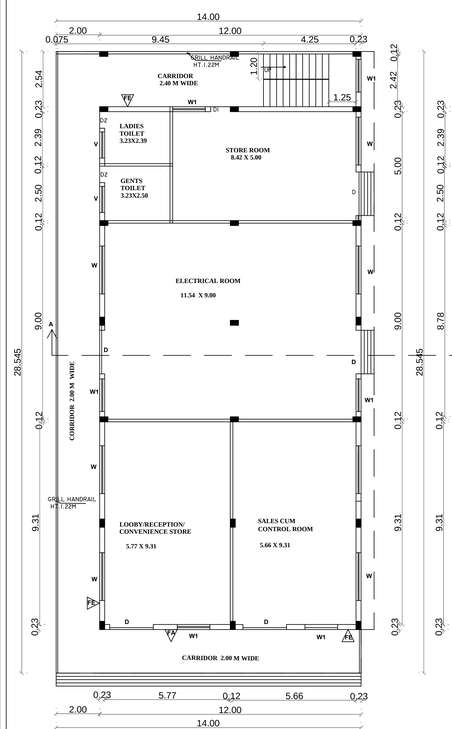
PLAN

As per design
Typical Column Foundation Detail

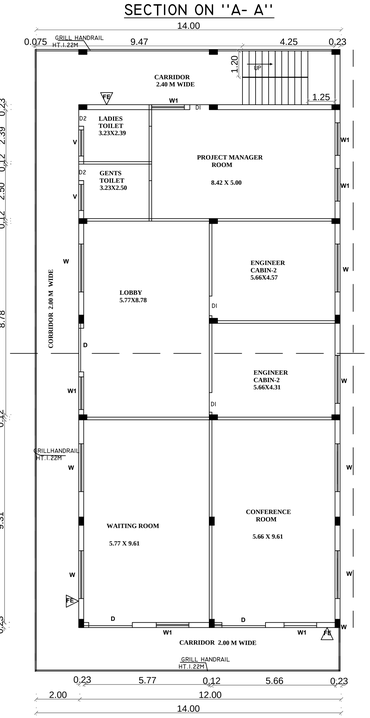


PLAN

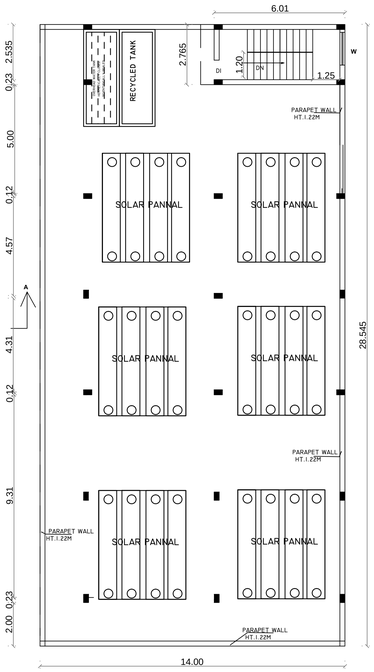
As per design
Typical Column Foundation Detail



BLOCK-I (GROUND FLOOR)



BLOCK-I (FIRST FLOOR)



TERRACE FLOOR

SPECIFICATION OF JOINERY

TYPE	OPENING SIZE WIDTH	OPENING SIZE HEIGHT	DESCRIPTION
D	2.00	2.10	DOOR TO BE DETAILED
D1	0.90	2.10	DOOR TO BE DETAILED
D2	0.76	2.10	DOOR TO BE DETAILED
W	2.20	1.50	WINDOW TO BE DETAILED
W1	1.50	1.50	WINDOW TO BE DETAILED
V	1.20	0.61	VENTILATOR TO BE DETAILED

SPECIFICATION

FOUNDATION: RAFT FOOTINGS WITH SUITABLE REINFORCEMENT

SUPER STRUCTURE: R.C.C. COLUMN, R.C.C. SLABS AND BEAMS WITH BRICK WALLS.
GRANO AND GRANAMITE AS SPECIFIED
INTERIORS PAINTED WITH PLASTIC EMULSION
AND EXTERIORS FINISHED WITH EXPOSED AGGREGATE FINISH
1:2:4 R.C.C. SLAB.

PLOT AREA = 3234.00 sqm

FLOOR WISE AREA STATEMENT

BLOCK	F.S.I (Sq.Mt.)	NON F.S.I (Sq.Mt.)
BLOCK-1 GROUNDFLOOR	399.63	--
FIRST FLOOR	399.63	--
BLOCK-2 CANOPY	132.00	--
HEAD ROOM	--	12.30
TOTAL	931.26	12.30
PLOT COVERAGE	531.63 / 3234.00	= 16.44%
FLOOR SPACE INDEX	931.26 / 3234.00	= 0.29

PARKING DETAILS	REQUIRED	PROVIDED
CAR PARKING STALL	4 NOS.	4 NOS.
TWO WHEELER PARKING STALL	4 NOS.	7 NOS.
CYCLE PARKING STALL	8.00Sq.m	8.00Sq.m
LORRY PARKING STALL	2 NOS.	2 NOS.

FIRE EXTINGUISHER FE : △

FIRE ALARM FA : ▽

SL.NO	DESCRIPTION	KW
1	650SCMH CNG Compressor electric motor driven	85.50
2	AUX load of electric compressor	6.75
3	1200SCMH CNG Compressor Gas engine driven	0
4	AUX load of electric compressor	6.75
5	UPS	3.825
6	AIR Compressor	1.05
7	Meter	0.36
8	station area aux load CNG unit area light, electrial & Dispensing unit	2.70
	TOTAL	107.00 KW (OR) 143.489 HP

LABOUR DETAILS

WORKER -15 NOS

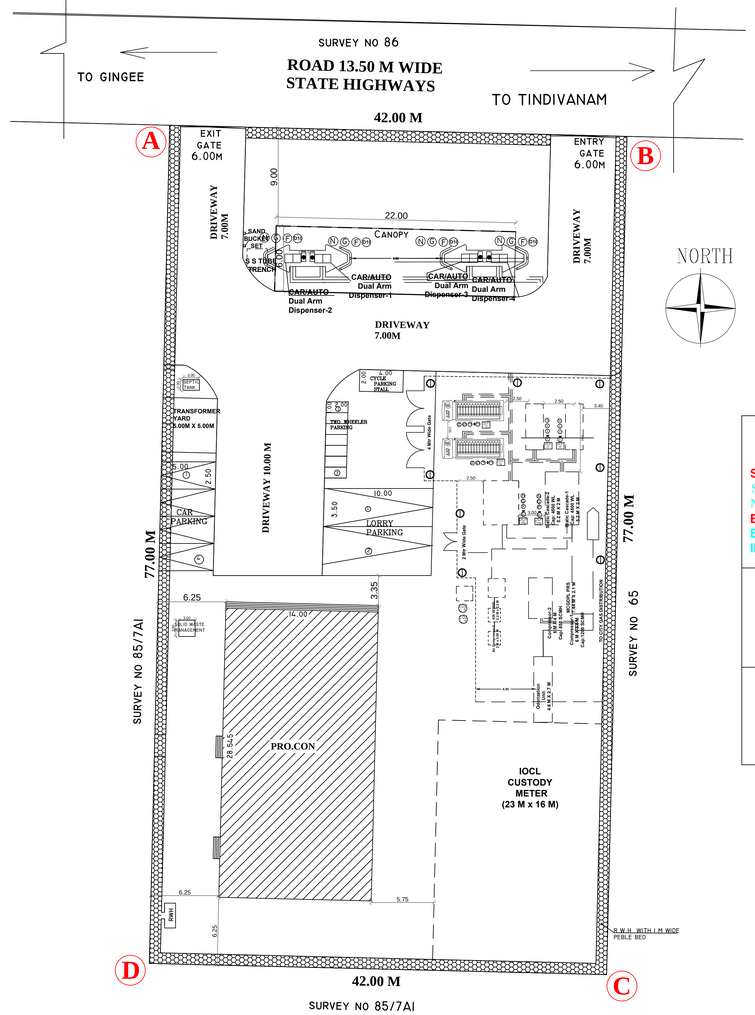
COLOUR INDEX

PROPOSED
BOUNDARY
EX. ROAD
DRIVEWAY

MEGHA CITY GAS DISTRIBUTION PVT LTD.
Authorized Signatory
APPLICANT

Er. S. LOGANATHAN, B.E.,M.I.S.T.E.,
Regd. Engineer, Civil
DTCP Reg. No: RE/Gr.I/Y/02/19/2/14
Municipal Reg. No: 044/LS/2019/00139
No: 685, Pitaramal Nagar,
Puducherry, VILLUPURAM-605011.
Cell: 94431 59192, loganpwd@rediffmail.com
REGISTERED ENGINEER

Er. S.UDHAYAKUMAR, B.E.,M.Tech (Struct)
Reg. Structural Eng. DTCP - COA/R/2018/2328 - 1/2019/00503
No: 20, 4th Cross Street, Anna Nagar, Chengalpattu.
E-Mail : drdpsructdesigns@gmail.com, Mob : 9442169192
STRUCTURAL ENGINEER



SITE PLAN
SCALE 1:200

District Town And Country Planning Office
Villupuram District
Online Application No: SWP/BPA/0007840/2023
SITE APPROVAL:
Site Bounded By"A to D" and Numbered as L.P/A.D.T.C.P(V.D) No: 90/2023
BUILDING APPROVAL:
B.P/A.D.T.C.P(V.D) No: 17/2023
INDUSTRIAL TECHNICAL APPROVAL Issued.

07/6/2023
DRAUGHTSMAN GRADE – III
DISTRICT TOWN AND COUNTRY PLANNING OFFICE
VILLUPURAM DISTRICT

SUPERVISOR/DRAUGHTSMAN GRADE – II
DISTRICT TOWN AND COUNTRY PLANNING OFFICE
VILLUPURAM DISTRICT

Signature Not Verified
Signed by: ASHWANI
Signing Date:2023.06.08 14:07:06