RPI dt: 12/7/2021

RP & sanction

N

MADHAVARAM – REDHILLS ROAD

30.80M (AS PER PATTA) 32.84M (AS PER SITE)

STREET ALIGNMENT PORTION HANDED OVER TO CMDA VIDE GIFT DEED NO. 3572/ 2021. DATED : 26/02/2021, AREA : 66.23 SQ.M.

RWH 3A

4.5M WIDE GATE 1.5M HEIGHT COMPOUND WALL

EXIT

Septic tank with upflow filter 11.10 x 3.80 x 2.50m Scientifically Closed

Driveway 4.50m Wide

Driveway 1.50m Wide

Driveway

Reserved For PCP

Handrail for PCP 75 & 90cm Ht.

LIFT 2.00x1.70

LIFT 2.50x2.13

UP

DN

LOBBY

Drivers Bath 3.66x1.96 lvl+0.90m

Drivers W.C 3.66x1.96 lvl+0.90m

Open Transformer Yard

U.G.SUMP For Rain Water 8.41mx3.06mx3.00m Scientifically Closed 21000 Liter Capacity

U.G.SUMP For Sullage Water 8.40mx3.06mx3.00m Scientifically Closed 21000 Liter Capacity

U.G.SUMP For Drinking Water 8.64mx3.62mx2.00m Scientifically Closed 35000 Liter Capacity

Bore Well 130mm Ø Scientifically Closed

ENTRY 4.5M WIDE GATE 1.5M HEIGHT DWARF WALL

56.03M (AS PER SITE)

56.60M (AS PER PATTA)

65.07M (AS PER SITE)

67.50M (AS PER PATTA)

11.30M (AS PER PATTA)

13.70M (AS PER SITE)

61.00m

61.80m

28.08M (AS PER SITE)

28.00M (AS PER PATTA)

JAWAHARLAL NEHRU SALAI (INNER RING ROAD)

SITE CUM STILT FLOOR PLAN

Over Head Tank

Staircase Headroom

அலுவலகப் பிடி

Planning Permission No. PP/NHRS/291/2021

APPROVED

Subject to the conditions mentioned in this office Letter No. PP/NHRS/N1/0636/2026 dated 20.01.2021

for Chief City Planner Non High rise Buildings Chennai Metropolitan Development Authority Chennai-600 008

To be collected from any other building permit issued by the concerned local body

This Planning Permission is granted for the due exercise of the powers given by Member Secretary, CMDA in Office Order No. 7/2019 dated 12.03.2019.

This Planning Permission issued under New Rule TNCDBR, 2019 is subject to final outcome of the WP(MD) No.8948 of 2019 and WMP (MD) Nos. 6912 & 6913 of 2019.

F.G.L

FRONT ELEVATION

Over Head Tank

Staircase Headroom

Parapet wall

RCC Slab

F.G.L

SECTION– AA

SEPTIC TANK WITH UP FLOW FILTER CALCULATION FOR OFFICE BUILDING

அலுவலகப் பிடி SQ.M

Commercial Area		
No .of users	:	200 Nos
assume a standard users	:	75 Nos
Total no.of fixture units assume a peaking factor of 6 lpm./fixture unit	:	75 x 6 Liters = 450 liter per minutes
SEPTIC TANK		
Surface area required for the septic tank	:	450 x 0.92 / 10 = 41.40 sq.m Say 42 sq.m
Volume of free board	:	42.00 x 0.30m = 12.60 cu.mt
Volume of sedimentation	:	42.00 x 0.50m = 12.60 cu.mt
Volume of digestion	:	200 x 0.033 = 6.60 cu.mt
Volume of sludge	:	200 x365x0.0002 = 14.60 cu.mt
Total volume	:	46.40 cu.mt.
Required size of septic tank	:	6.00m x3.20m x 2.50m
UPFLOW FILTERS		
Capacity for 200 users	:	200 x 0.045 = 9.0 cu.mt.
Size of final effluent sump	:	3.20 x 1.20 x 2.50m
Size of up flow filter (1)	:	3.20 x 1.20 x 2.50m
Size of up flow filter (2)	:	3.20 x 1.20 x 2.50m

Vent pipe

Motor

Brick jelly

Sand

20 garden

Inlet

P.C.C

Sand

Section

11.10m

6.00

0.30 0.30 0.30 0.30 0.30

1.20 1.20 1.20

MH

Septic Tank

Up flow filter 1

Up flow filter 2

Final Effluent Sump

3.80m

Plan

Septic tank with upflow filter system

PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT +4 FLOORS COMMERCIAL BUILDING (OFFICE) AT JAWAHARLAL NEHRU SALAI (200 FEET INNER RING ROAD) AND MADHAVARAM–REDHILLS ROAD, MADHAVARAM,CHENNAI– 600 060, COMPRISED IN S.NO:465/2A1,465/2B1,466/1A, 466/1B, & 466/1B2 (AS PER DOC.), OLD S.NO: 466/1PART,465/2PART, NEW T.S.NO:116/4 ,BLOCK NO:1, WARD– B, OF MADHAVARAM VILLAGE, GREATER CHENNAI CORPORATION. DIVISION NO:–30, ZONE:– III.

SPECIFICATION :

BRICK WORK	:	SUPER STRUCTURE WITH MAIN WALL USING CM 1:5 MORTAR PARAPET WALL CM 1:4 MORTAR.
WOOD WORK	:	MAIN DOOR TEAK, AND OTHER DOORS KONGU WOOD
RCC WORK	:	MINIMUM GRADE OF CONCRETE M25 (1:1:2)
FLOORING	:	ALL ROOM CERAMICS TILES FLOORING.
PLASTERING WORK	:	PLASTERING WORK IN C.M. 1:4.
WEATHERING COURSE	:	WEATHERING COURSE IN BRICK JELLY CONCRETE IN C.M. WITH TWO COURSES OF FLAT TILES LAID TO DETAIL

SCHEDULE OF JOINERIES

DD	MAIN DOOR	2.00 X 3.00
D1	DOOR	1.00 X 3.00
D2	DOOR	0.76 X 3.00
W6	WINDOW	2.00 X 1.35
V	VENTILATOR	0.60 X 0.60
FG	FIXED GLASS	0.60 X 0.60

SCALE – 1:100

LEGEND

PROPOSED ROAD BOUNDARY

AREA STATEMENT IN SQ.M

PLOT AREA (AS PER PATTA)	1990.00
PLOT AREA (AS PER DOC.)	2023.43
FLOOR	FSI AREA
STILT FLOOR	55.73
1ST FLOOR	973.48
2ND FLOOR	973.48
3RD FLOOR	973.48
4TH FLOOR	973.48
TOTAL	3949.65
FSI	1.985

OWNER

N.NANDA GOPAL D.C.E.,
CMDA : CE/2020/07/795
No.15/15, Abhilakshmi Street,
Gandhi Nagar, Anakaputhur,
Jothi Nagar, Ramcot-631 203.
Contact No.: 9444484116
e-mail :nmadhu2007@rediffmail.com

LICENSED SURVEYOR

G.KARTHIKEYAN, M.E.,
Structural Engr Grade-I,
CMDA : SE/ GR-I/ 192/ 04/ 089
DTCP : TAUN RISE / GI-I / 2019 / 12 / 006
3H, Vantage Plaza, #1, L.B. & M.G. Road,
Thiruvanmiyur, Chennai - 41 Ph:9444484245
Email: gkstructurals@gmail.com

STRUCTURAL ENGINEER

TYPICAL 1ST,2ND,3RD & 4TH FLOOR PLAN

OFFICE

GENTS TOILET

LADIES TOILET

URINALS

H/W

C/B

LIFT 2.00x1.70

LIFT 2.50x2.13

LOBBY 8.69x8.38

FIXED GLASS

Handrail for PCP 75 & 90cm Ht.

TERRACE FLOOR PLAN

OPEN TERRACE

1/3 rd AREA PROVIDED FOR SOLAR PHOTO VOLTAIC SYSTEM

LIFT WELL 2.00x1.70

MACHINE ROOM LESS LIFT

OHT For Sullage water 2.00 x 4.12 x 1.50 Scientifically Closed

OHT For Rain water 2.00 x 4.12 x 1.50 Scientifically Closed

OHT For Drinking water 3.39 x 4.12 x 1.50 Scientifically Closed

KEY PLAN (N.T.S)

MADHAVARAM – REDHILLS ROAD

JAWAHARLAL NEHRU SALAI (200'-0' ROAD)

TO KOYAMBEDU

TO MANALI

ROUNDANA

SITE U/R

SECTION 'C–C'

SECTION 'A–A'

SECTION 'B–B'

PLAN METRO WATER SUMP (Scientifically Closed)

PLAN RAIN WATER HARVESTING SUMP (Scientifically Closed)

PLAN COLLECTION SUMP FOR RECYCLING SULLAGE WATER (Scientifically Closed)

Gate Elevation

Cross Section Detail of compound wall

Platform level

Brick wall in CM 1:5

Platform beam

Pile foundation

7.5 cm With dwarf wall

SOLAR HOT WATER SYSTEM DETAILS

Detail bore well

Dwarf wall details

Proposed Rain Water Harvesting System Provided as per CDP Norms Drawing No:3A Not To Scale

Rain water Pipe

First Flush Arrangements

Filter Chamber

Bore Well

Dug Well

Gate Gutter

Recharge Well

Plinth beam

16 ⌀ Bars

P.C.C 1:4:8 Sand Filling

SECTION

PLAN FOUNDATION DETAIL