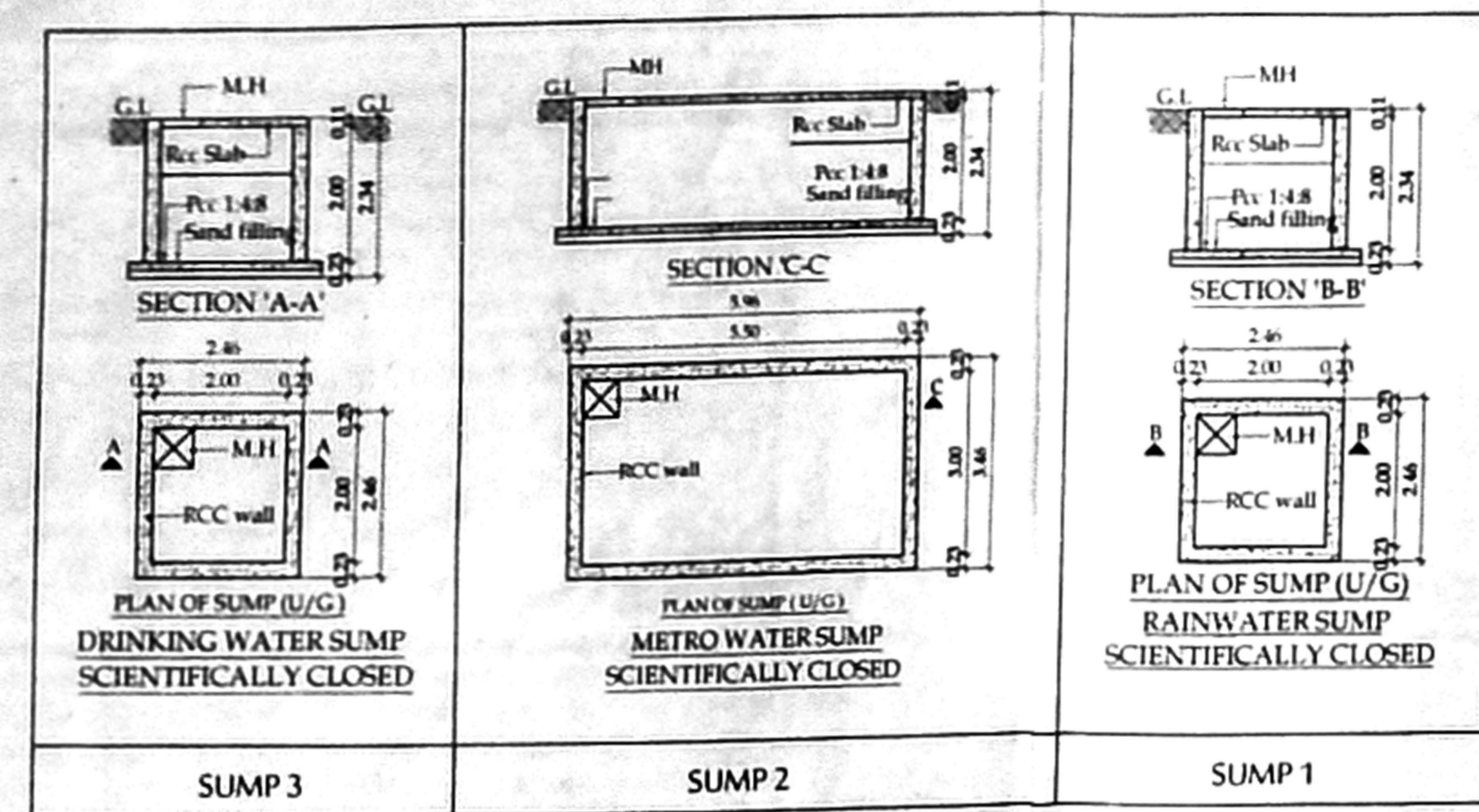


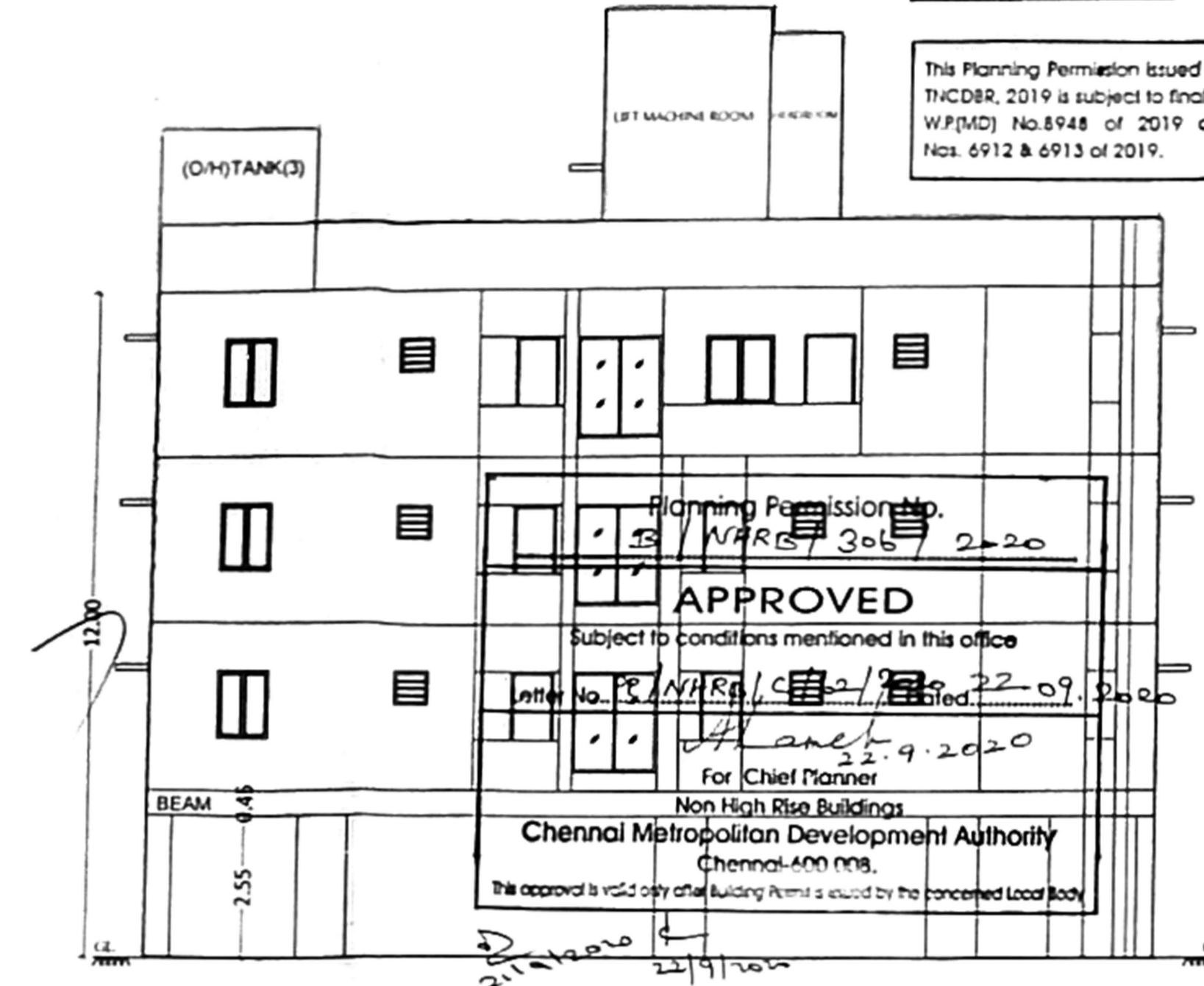
This Planning Permission as per the delegated powers given by Member Secretary, CMDA in Office Order No. 7/2019 dated 12.03.2019.

This Planning Permission issued under New Rule 13(2)(b), 2019 is subject to final outcome of the W/F(M) No.8548 of 2019 and WMP (P) No. 6912 & 6913 of 2019.

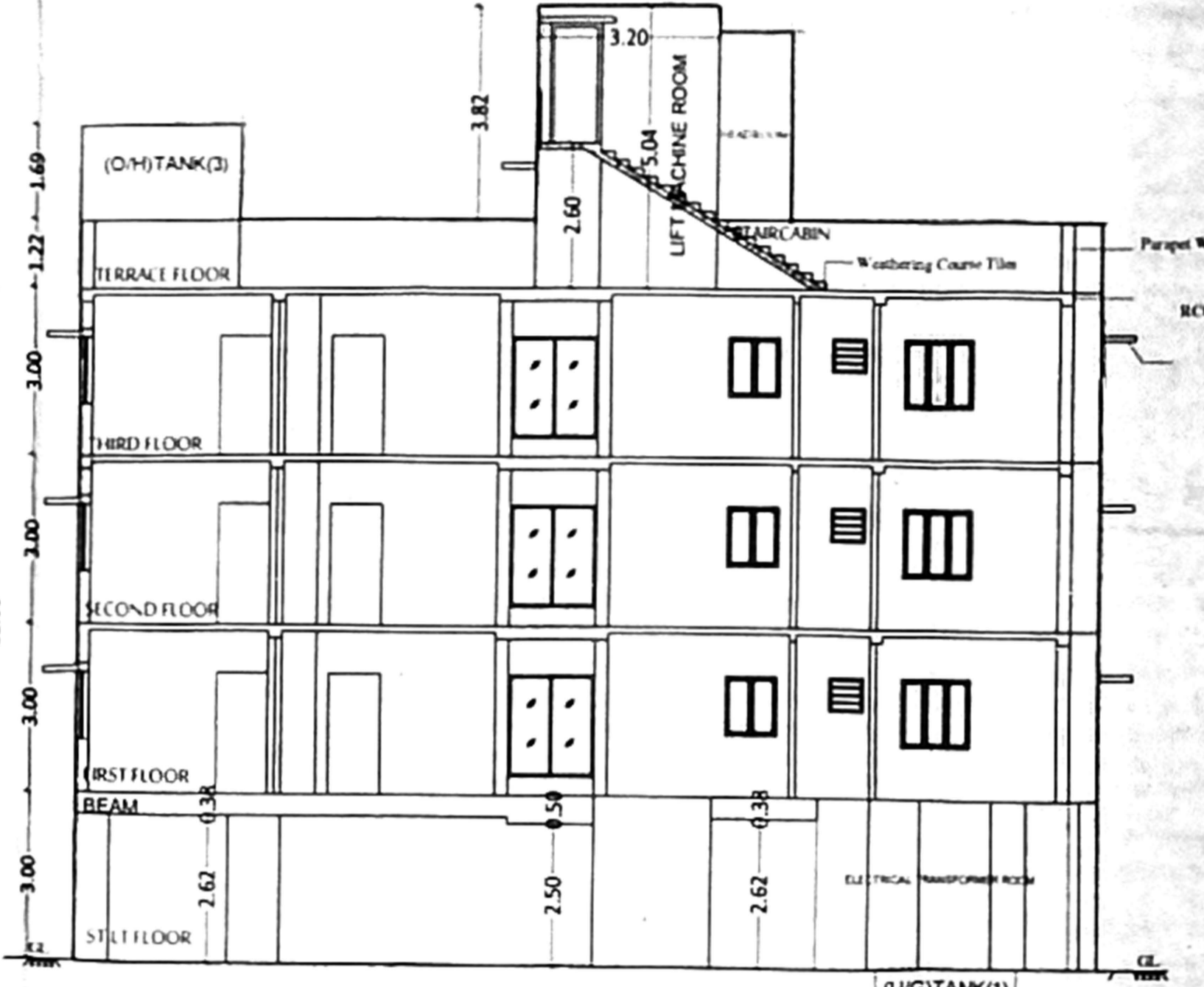
சுற்றுச்சூழல் பாதுகாப்பு



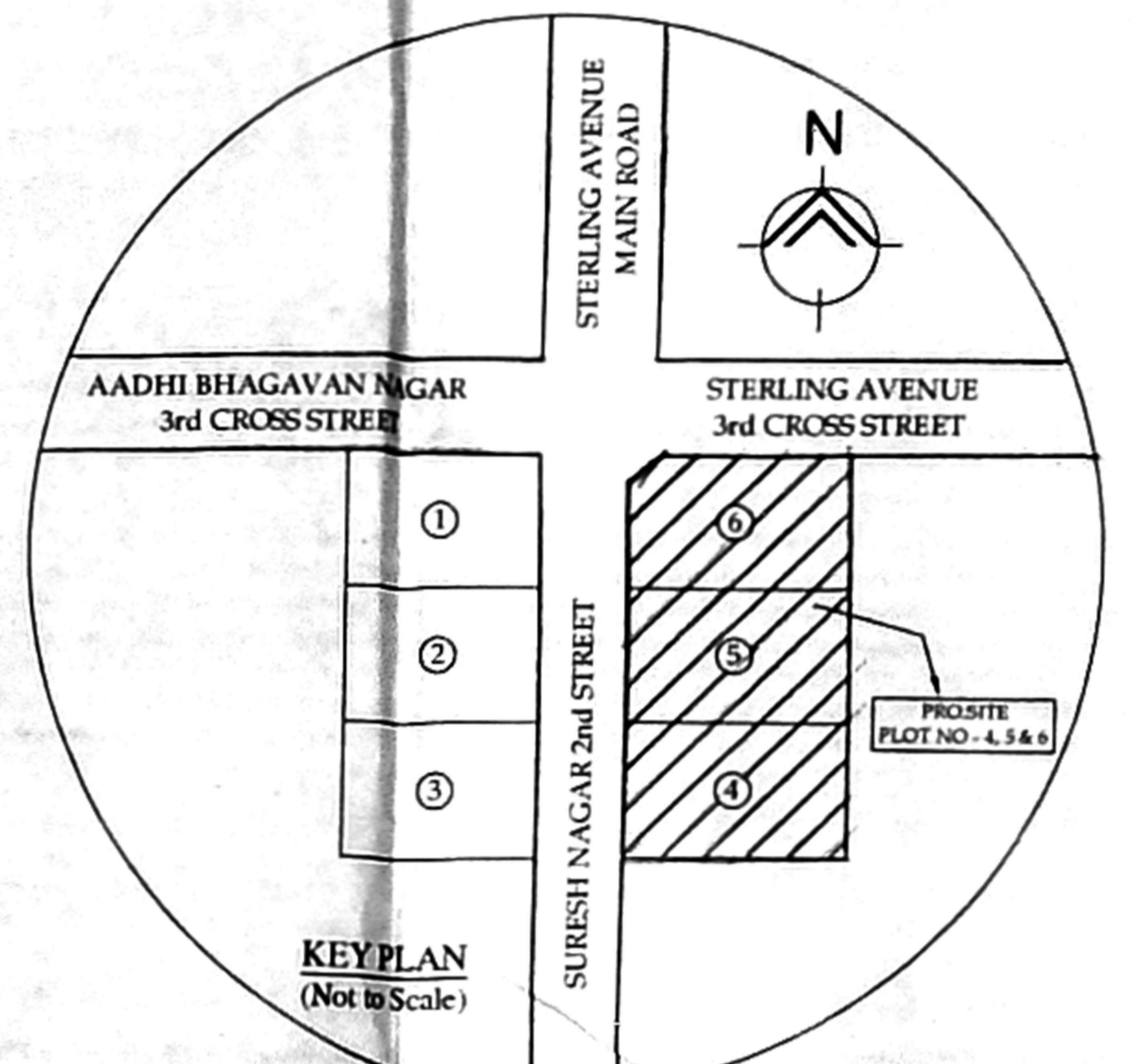
SUMP 3 SUMP 2 SUMP 1



FRONT ELEVATION



SECTION ON AA



KEY PLAN (Not to Scale)

SUB-DIVISION PLAN APPROVED BY CMDA  
P.P.D NO : 119  
LO : 2005  
APPROVED  
VIDE LETTER NO : L1/2028/05  
DATE : 28/12/2005

PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILL + 3 FLOOR RESIDENTIAL BUILDING WITH 15 DWELLING UNITS. PLOT NO. 4-18-8, STERLING AVENUE 3rd CROSS STREET/SURESH NAGAR 2nd STREET, PORUR, CHENNAI. COMPRISED IN OLD S.NO: 260/84 - NEW S.NO: 260/84C & 260/84D OF PORUR VILLAGE WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION, ZONE - XI, DIVISION - 153.

JOINERY DETAILS	
MD	DOOR 1.00 x 2.10
D	DOOR 0.90 x 2.10
D1	DOOR 0.76 x 2.10
O	OPENING 0.90 x 2.10
KW	WINDOW 0.91 x 1.20
W3	WINDOW 0.91 x 1.20
W4	WINDOW 1.22 x 1.80
W5	WINDOW 1.22 x 1.80
W6	WINDOW 1.22 x 1.80
W7	WINDOW 1.06 x 1.30
V	VENTILATOR 0.61 x 0.60

**SPECIFICATION :**  
BRICK WORK : SUPER STRUCTURE WITH MAIN WALL USING CM 1:5 MORTAR PARAPET WALL CM 1:4 MORTAR  
WOOD WORK : MAIN DOOR TRAC AND OTHER DOORS BONGU WOOD  
RCC WORK : MINIMUM GRADE OF CONCRETE IS 3:2  
FLOORING : ALL ROOM CERAMIC TILES FLOORING  
PLASTERING WORK : PLASTERING WORK IN CM 1:4  
WEATHERING COURSE : WEATHERING COURSE IN BRICK JELLY CONCRETE IN CM WITH TWO COURSES OF FLAT TILES LAD TO DETAIL

AREA DETAILS	
PLOT AREA DETAILS IN SQM	
AS PER DOC.	637.12 SQM
AS PER PATTA.	637.00 SQM

FSI AREA DETAILS IN SQM	
FLOOR	FSI AREA
STILT FLOOR	28.95
FIRST FLOOR	424.45
SECOND FLOOR	424.45
THIRD FLOOR	394.52
TOTAL	1272.37
FSI	1.997

CAR PARKING Provided - 15  
TWO WHEELER Provided - 10

**COLOR INDEX**  
PROPOSED [Symbol]  
ROAD [Symbol]  
BOUNDARY [Symbol]

SCALE 1:100

For SIDDHARTH PROJECTS PRIVATE LIMITED  
Authorized Signatory

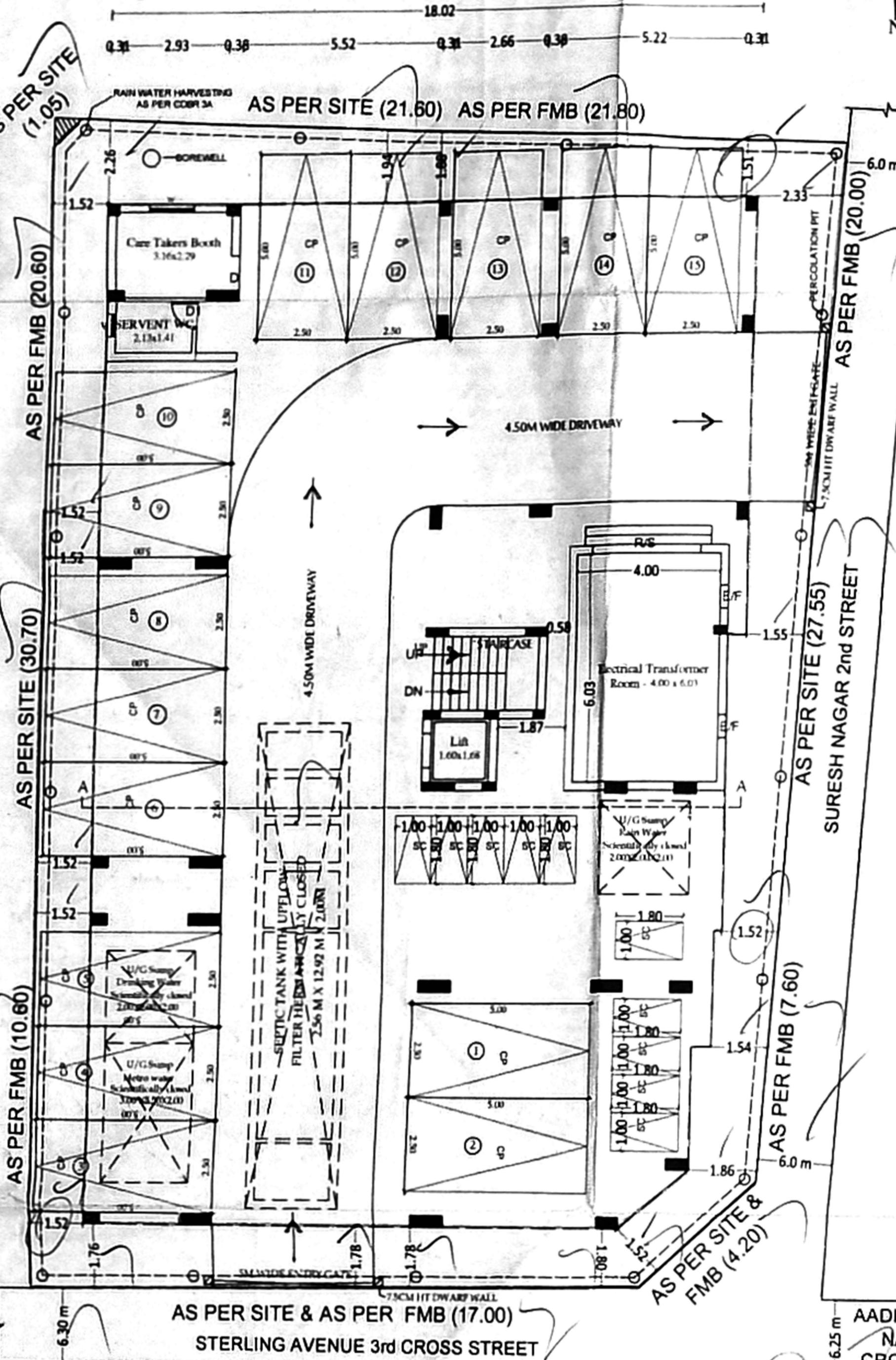
OWNER 120 x 91

E. T. SEETHA RAAM  
LICENSED SURVEYOR & REGISTERED CIVIL ENGR.  
CHENAI METROPOLITAN DEVELOPMENT AUTHORITY (CMDA)  
REGISTRATION No: REG-III/14/16/225  
No. 31, Power Tower, Arcot Road,  
Vengalambalam, Chennai - 600 082.  
Cell: 9842377454, 982410668

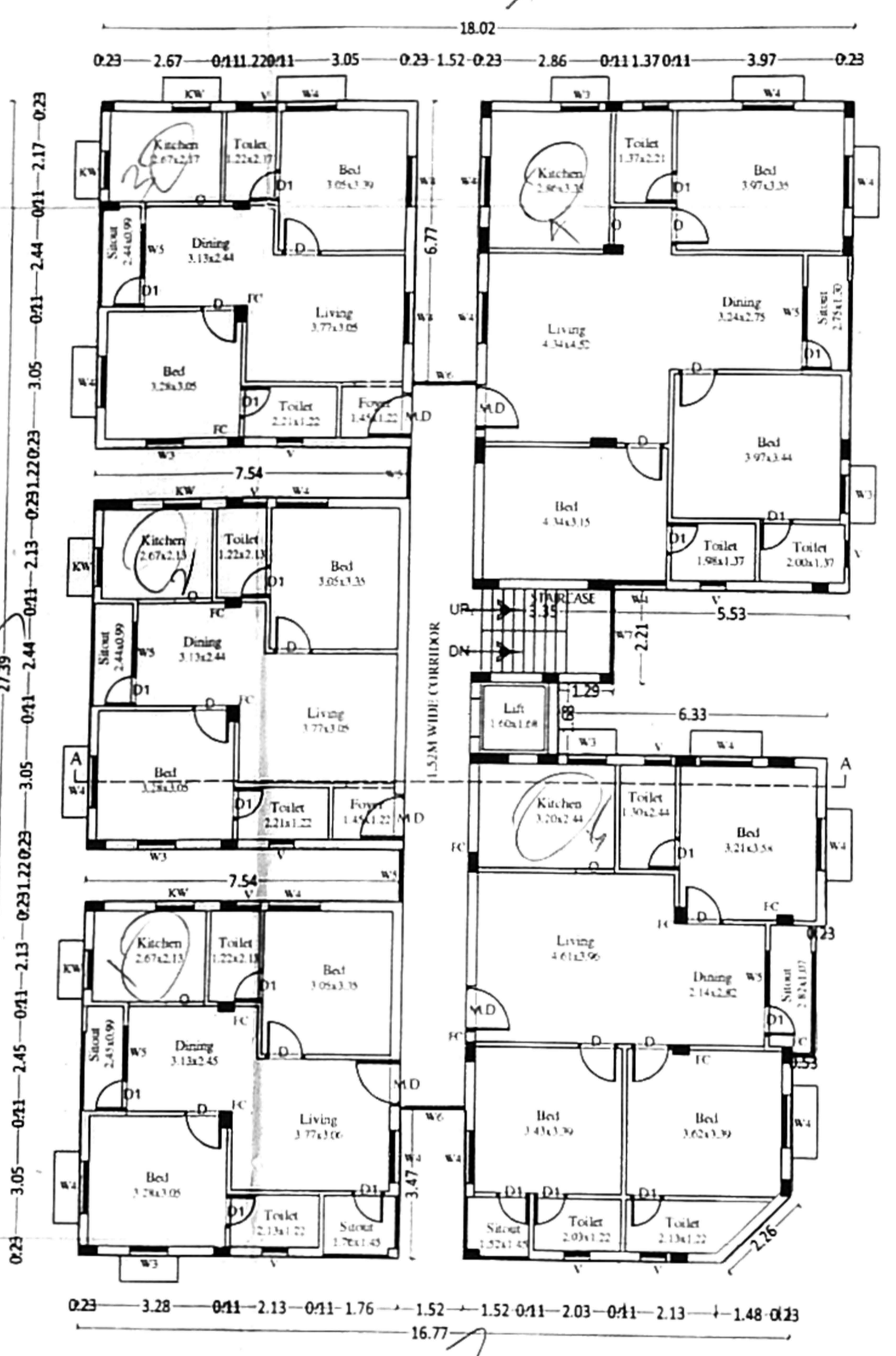
LICENSED SURVEYOR

S.P.S INBARAJAN  
M.E. (Structural) A.M.I.E.  
Structural Consultant  
Registered Structural Engineer  
Grade-I (S) in CMDA  
Reg. No. SE-1/13/20029 d. 27.02.2019  
Plot No. 2, 2nd Flr. S.P. Sankaralingam Park III Street,  
West Ambalambadi, Chennai-600 033.

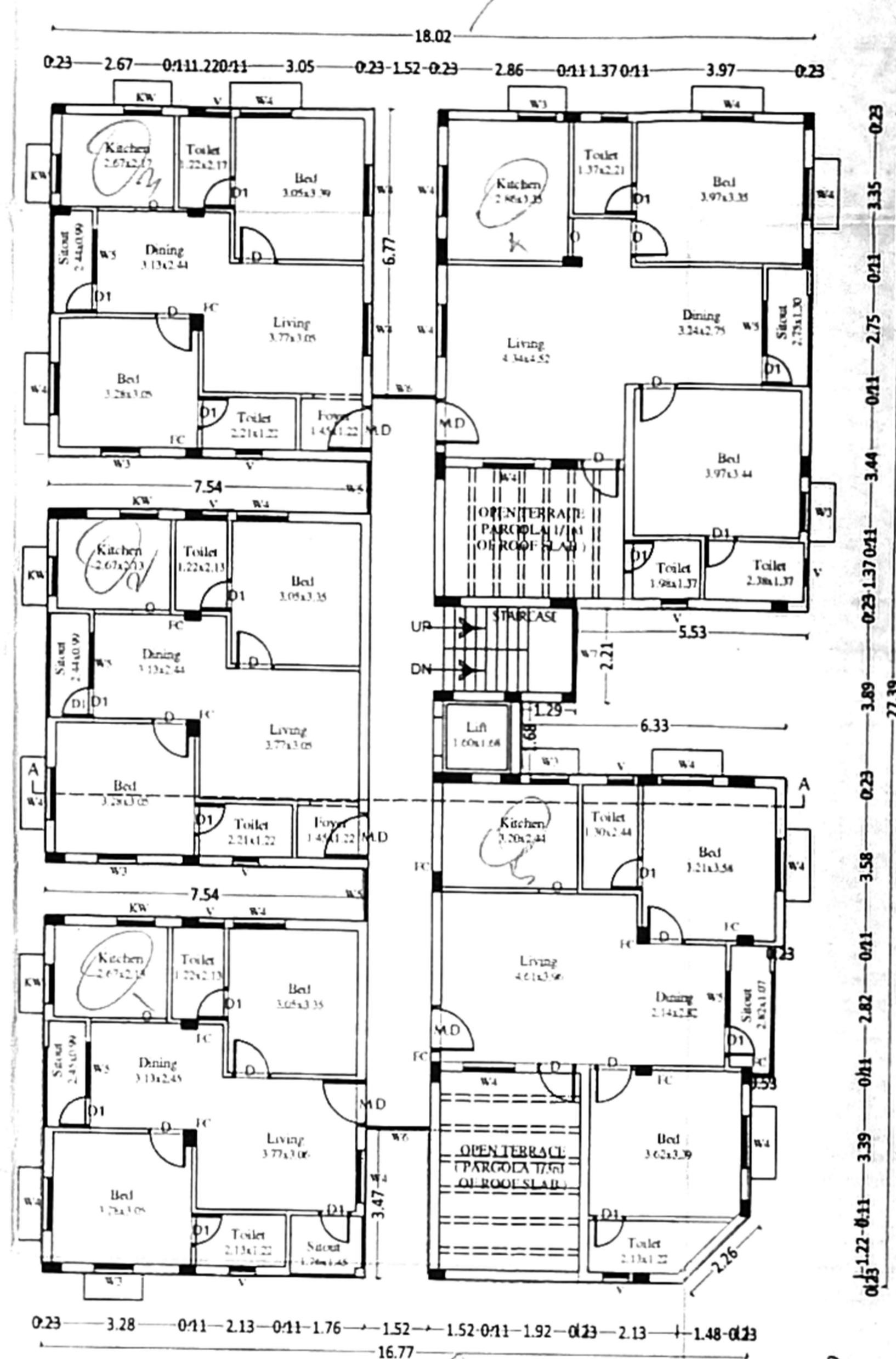
STRUCTURAL ENGINEER



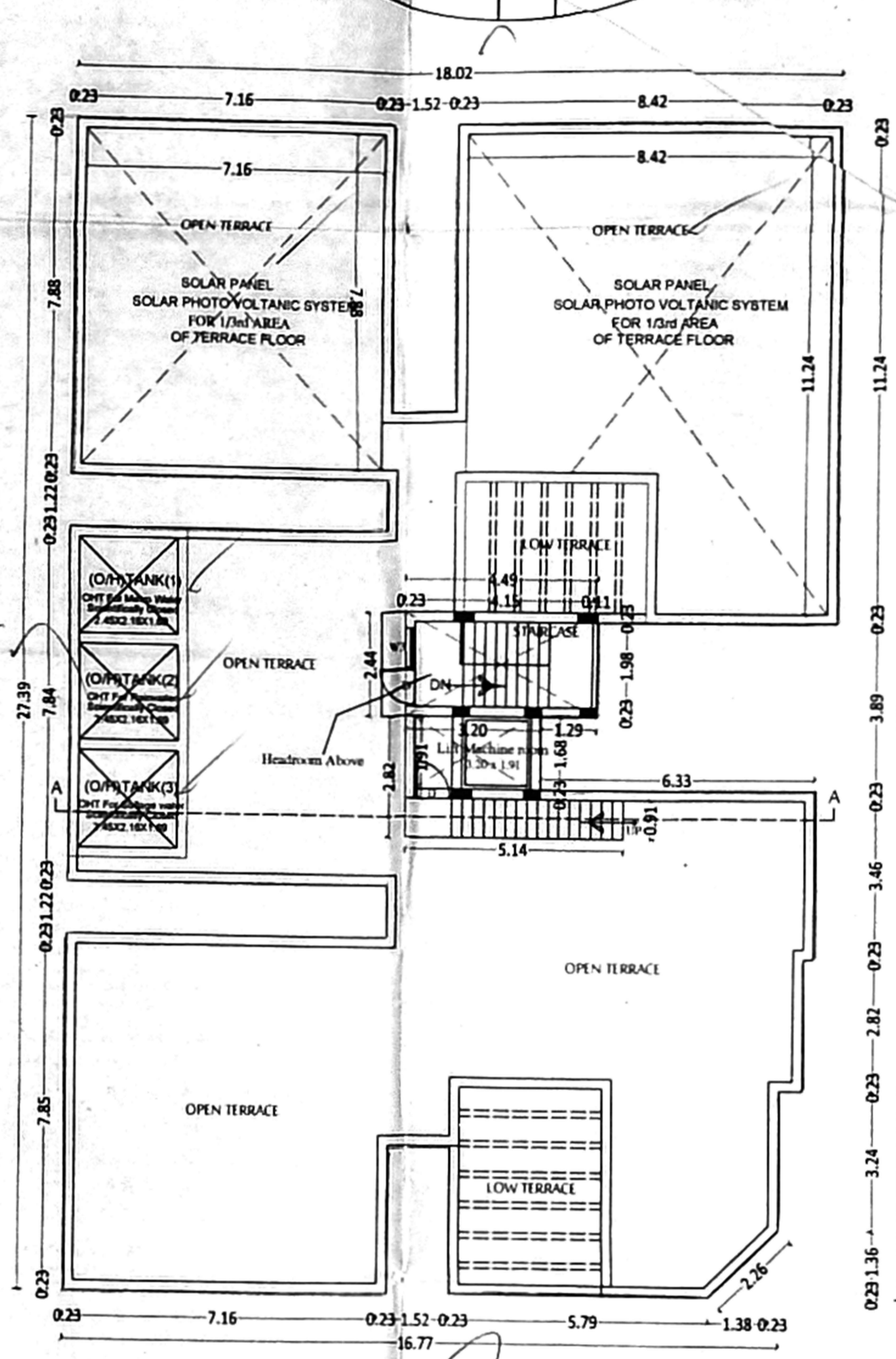
SITE CUM STILT FLOOR PLAN



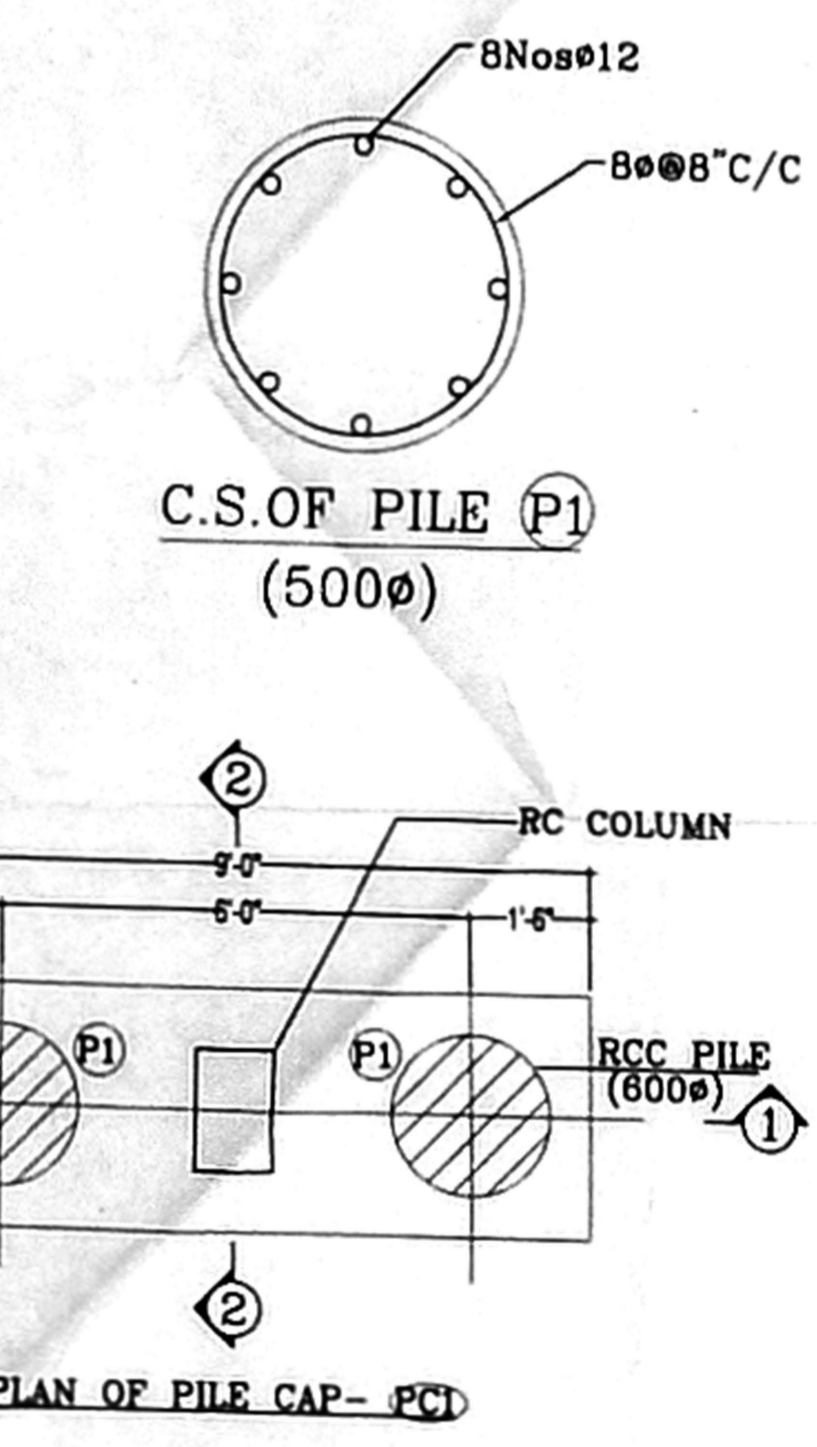
TYPICAL - FIRST, SECOND FLOOR PLAN



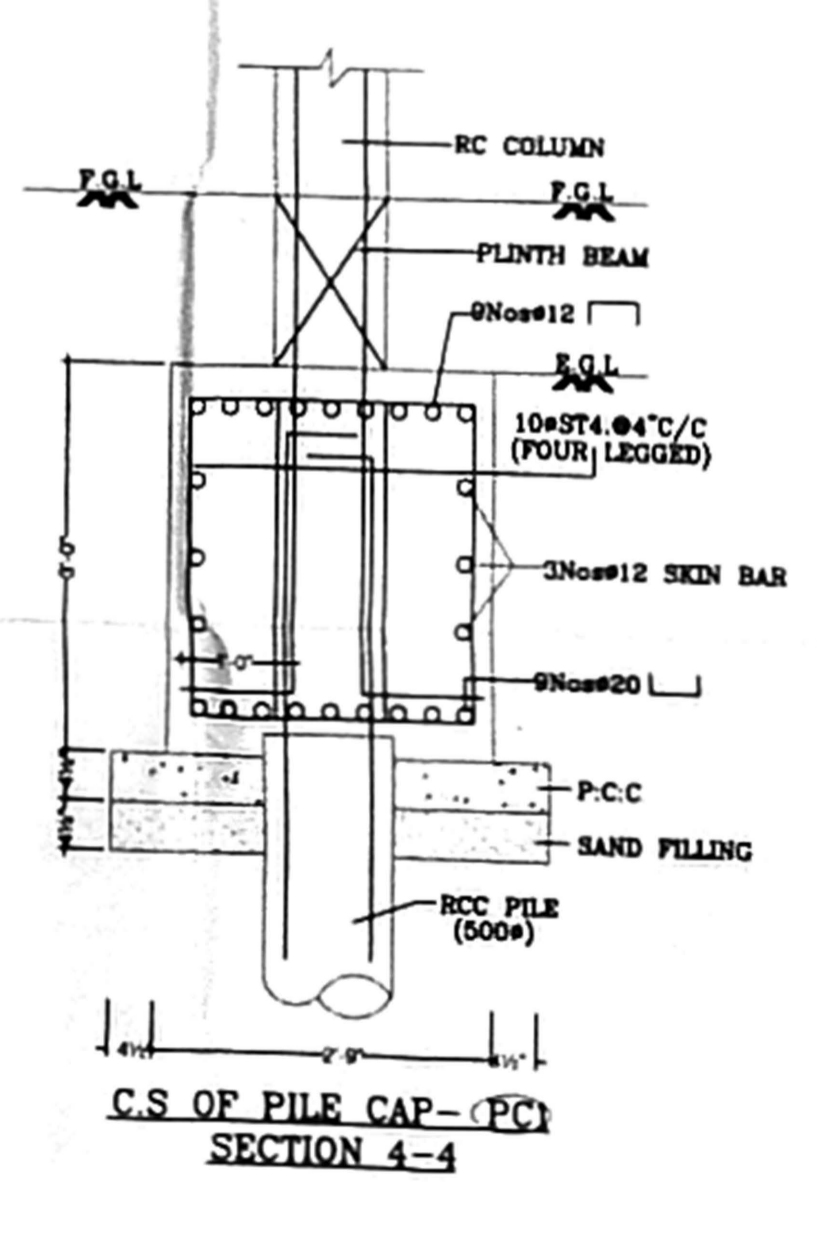
THIRD FLOOR PLAN



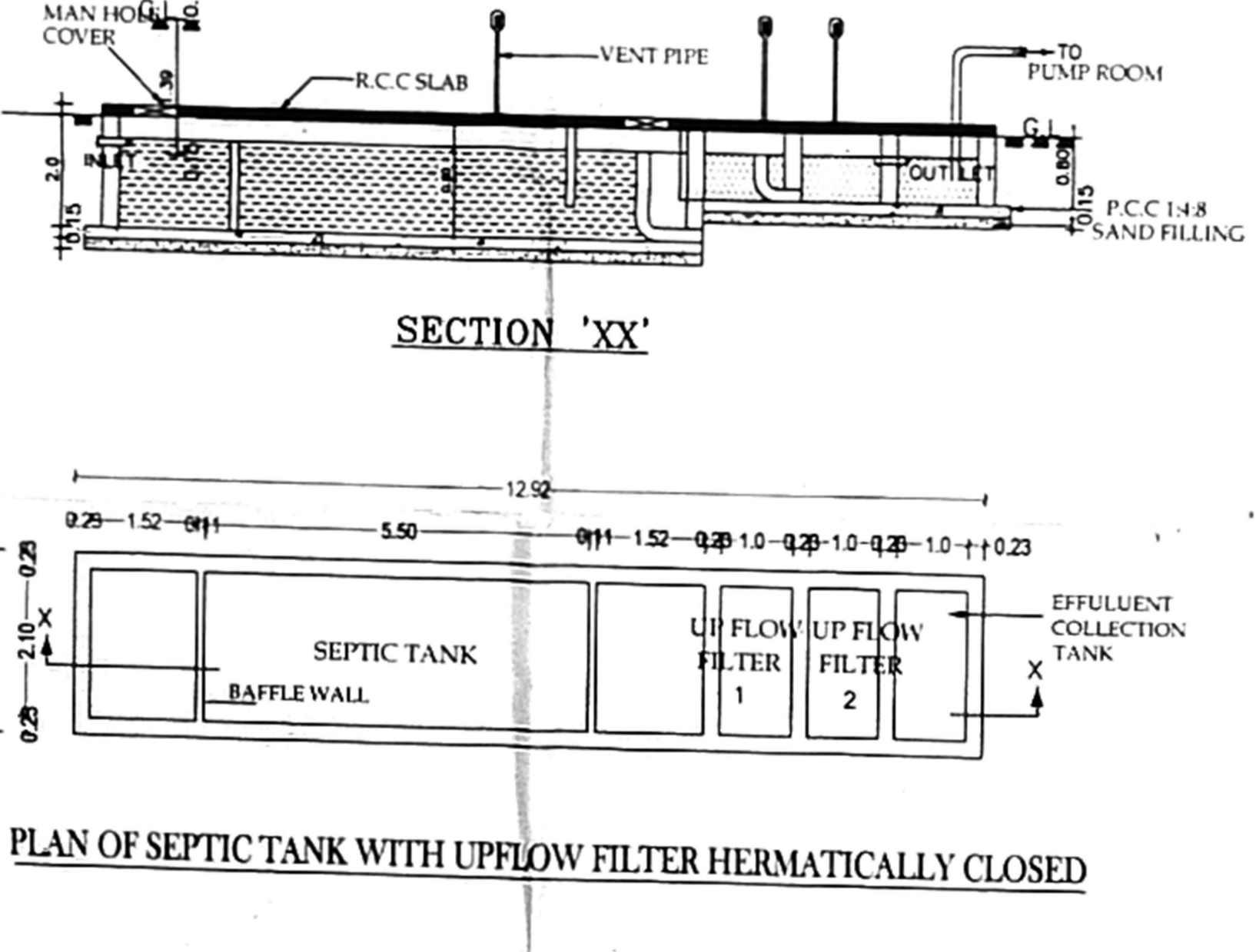
TERRACE FLOOR PLAN



PLAN OF PILE CAP - (P1)

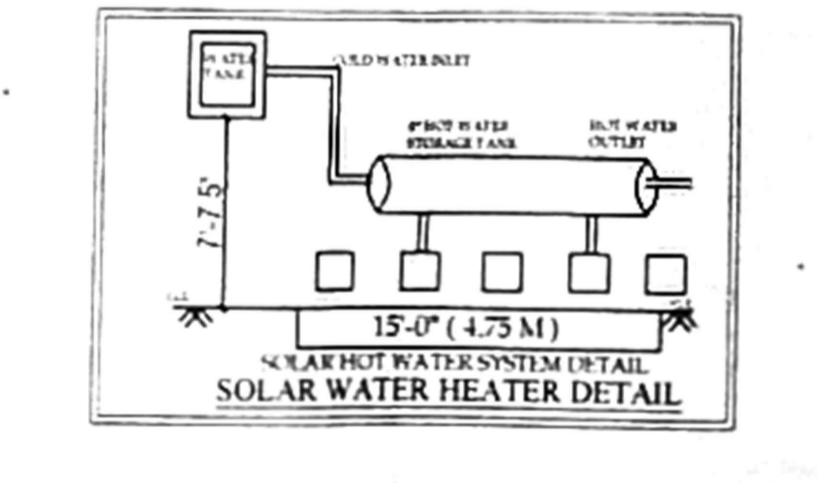


SECTION 4-4

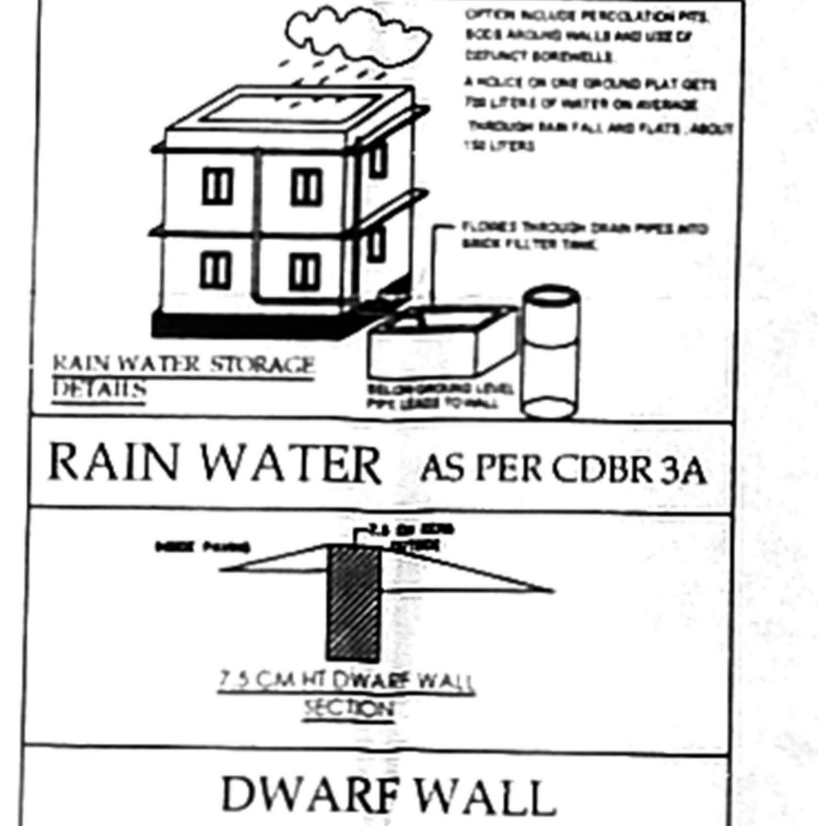


PLAN OF SEPTIC TANK WITH UPFLOW FILTER HERMETICALLY CLOSED

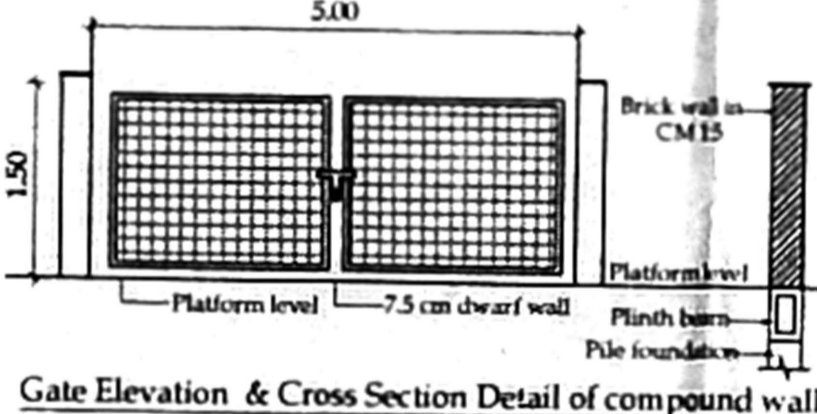
**UPFLOW FILTER**  
NO OF FLATS OR DWELLING - 15  
5 PERSONS PER FLAT - 15 X 5 = 75  
NO OF PERSONS - 75  
ASSUME FIXTURES PER FLAT - 75  
PER HOUR DISCHARGE SEPTIC TANK - 75 X 6 = 450 LPM  
SURFACE AREA NEEDED - 450 X 0.92 = 41.4 SAY 42 sqmt  
VOLUME OF SEDIMENTATION ASSUMING 0.3M DEPTH - 42 X 0.3 = 12.60 cu.m  
FOR DEGESTION - 75 X 0.032 = 2.40 cu.m  
FOR SLUDGE STORAGE - 0.00022 X 365 X 75 = 5.47 cu.m  
FREE BOARD FOR SLUDGE - 42 X 0.30 = 12.60 cu.m  
SAY = 33.07 cu.m  
DEPTH - 33.07 / 42.00 = 0.79 M  
STORAGE = 42.00 M  
SIZE OF SEPTIC TANK = 5.50 X 2.10 X 2.00 M  
UPFLOW FILTER  
LIQUID DEPTH OF SEPTIC TANK - 1.09 M  
VOLUME - 75 X 0.045 = 3.375 cu.m  
UPFLOW FILTER DEPTH - 0.8 (minimum)  
ALLOWING 0.3M FREE BOARD  
AREA NEEDED 3.375 / 0.8 = 4.22 sqmt  
SIZE OF UPFLOW FILTER DEPTH = 2.10 X 1.0 X 1.0 M  
UPFLOW FILTER NO. 1 = 2.10 X 1.00 X 0.80 M  
UPFLOW FILTER NO. 2 = 2.10 X 1.00 X 0.80 M



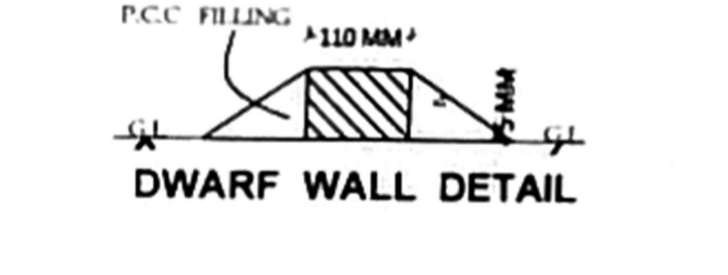
SOLAR WATER HEATER INSTALL



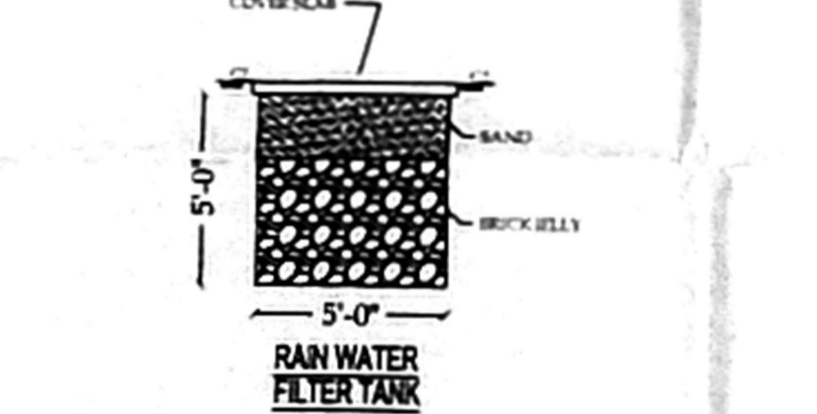
RAIN WATER STORAGE DETAILS



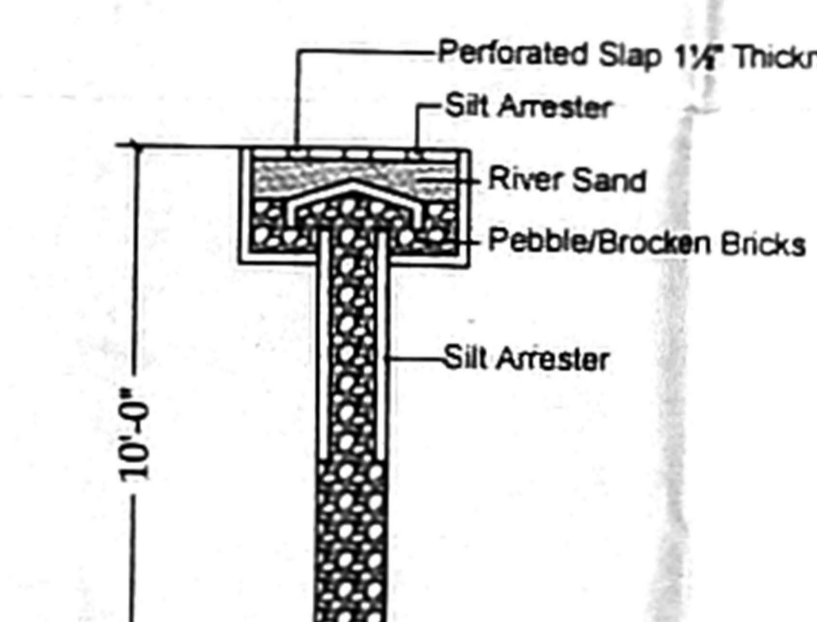
Gate Elevation & Cross Section Detail of compound wall



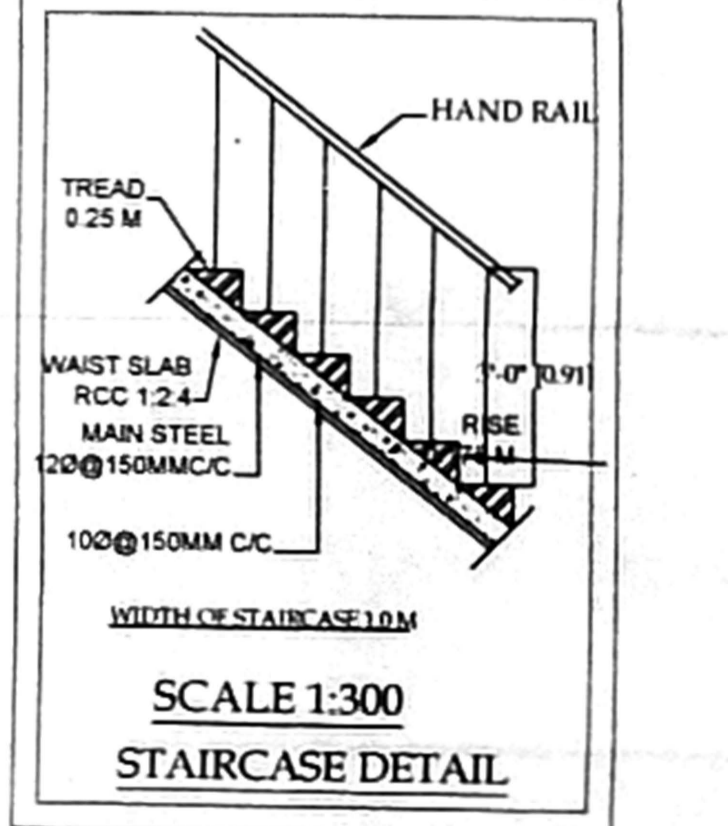
DWARF WALL DETAIL



RAIN WATER FILTER TANK



PERCOLATION PIT



SCALE 1:300 STAIRCASE DETAIL