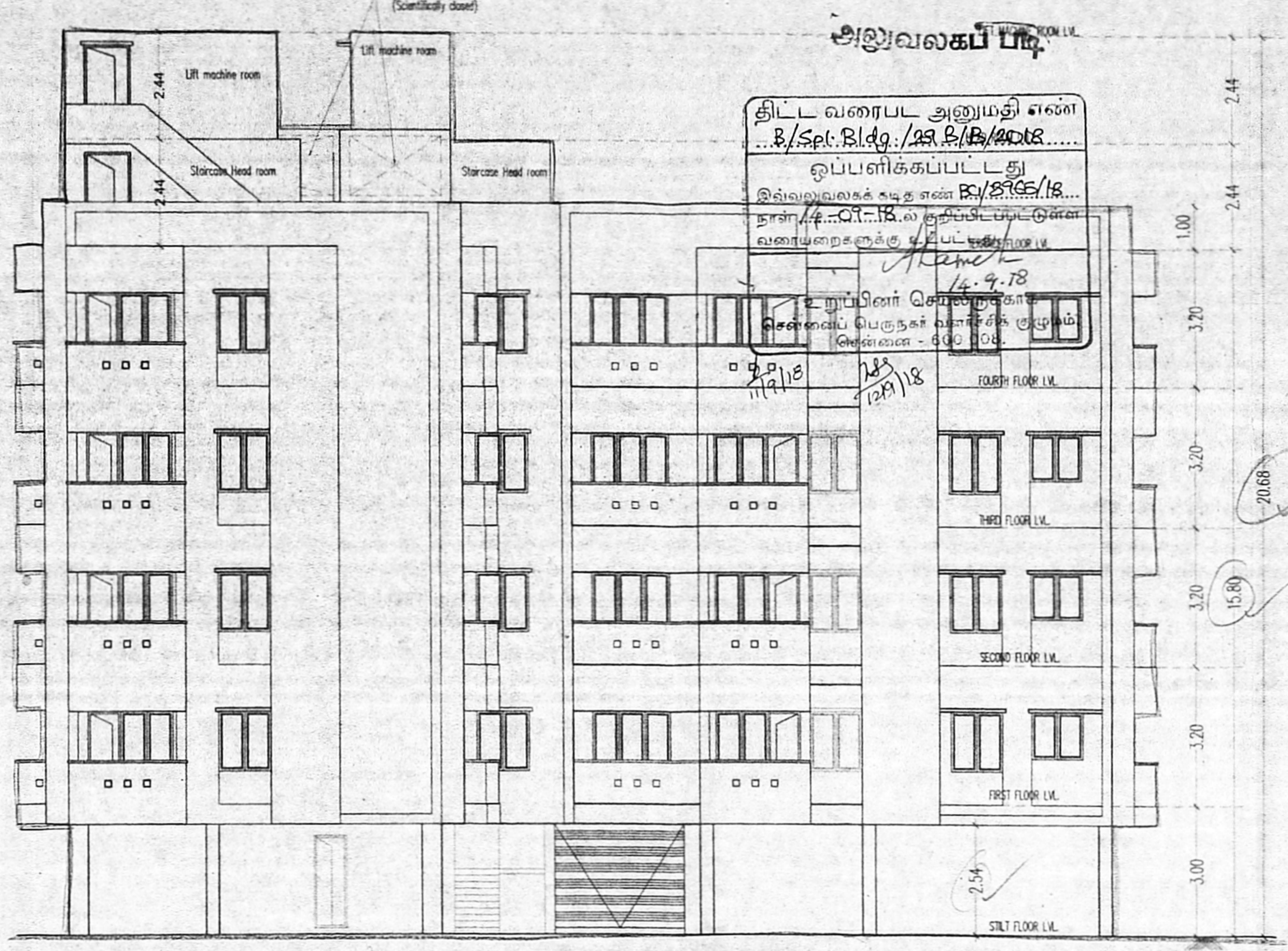
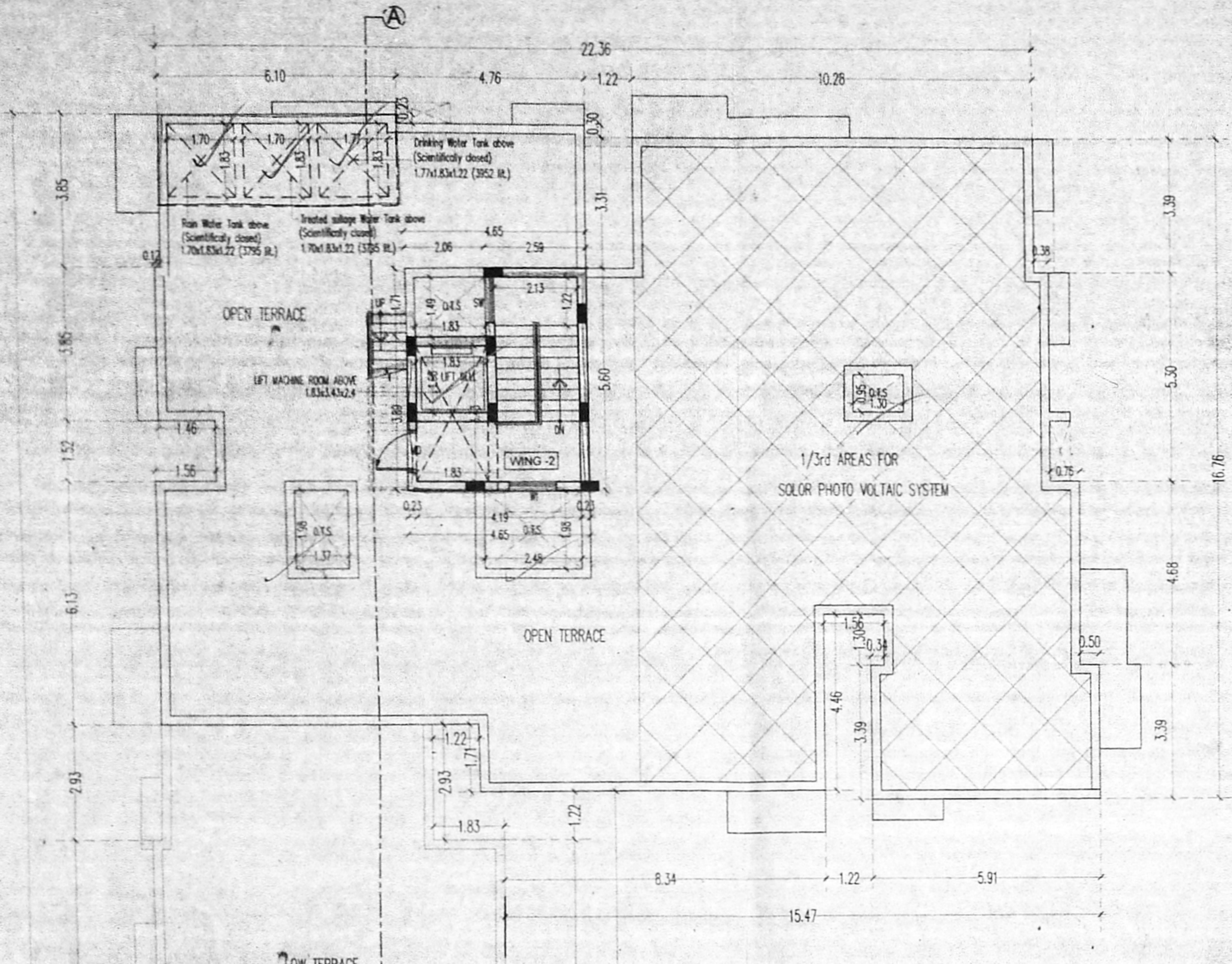
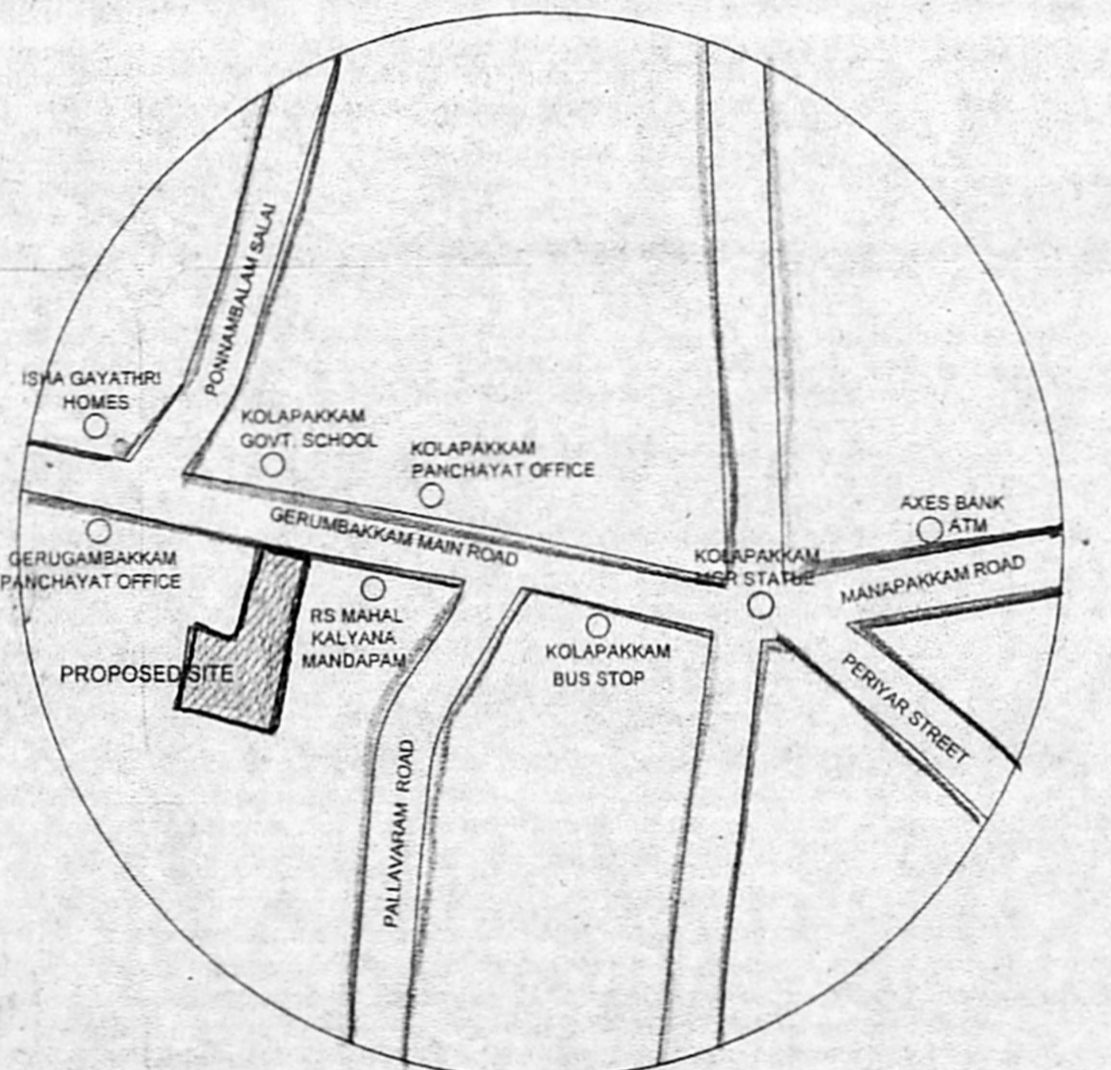


PREMIUM FSI

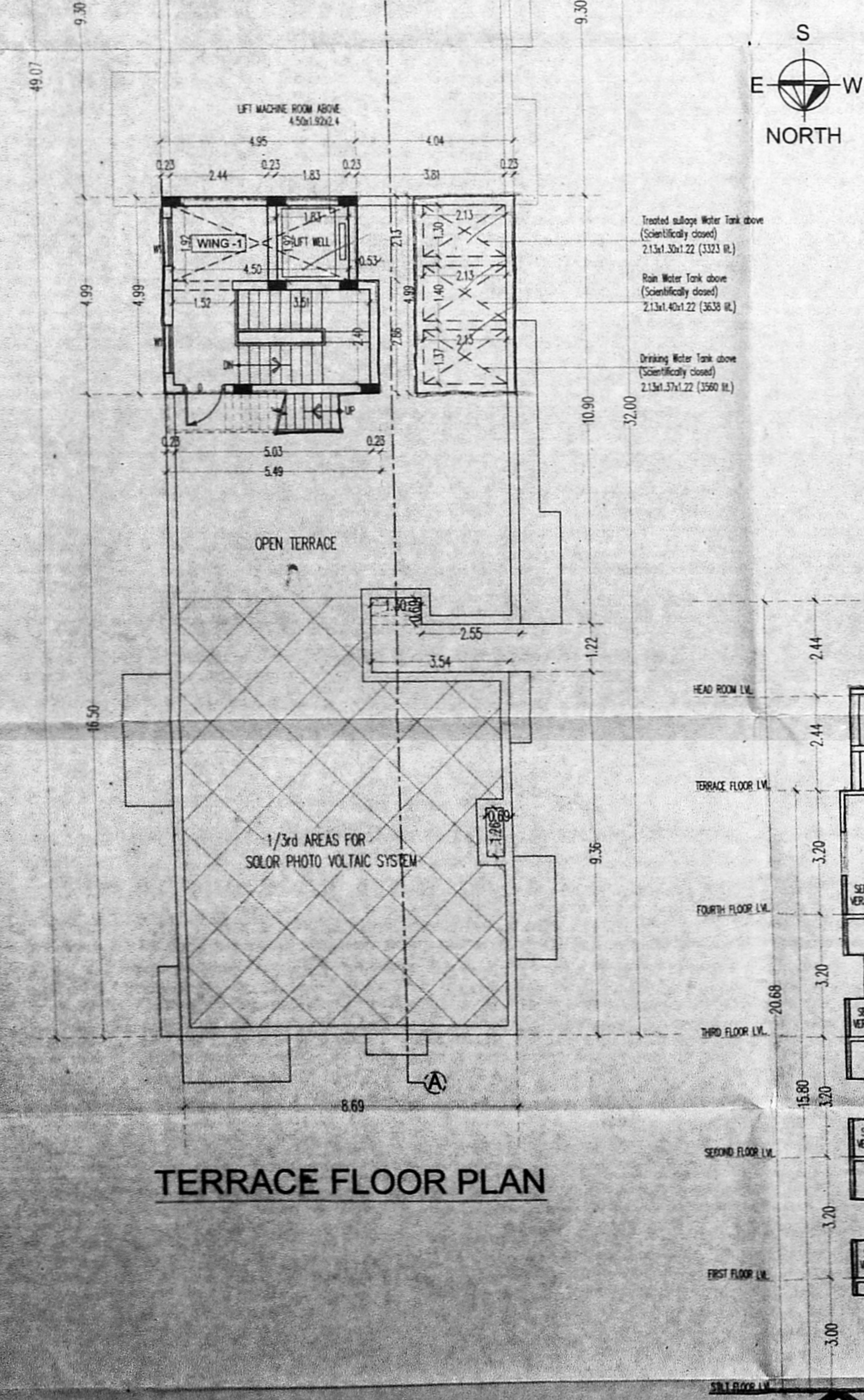
அலுவலகப் பிடி



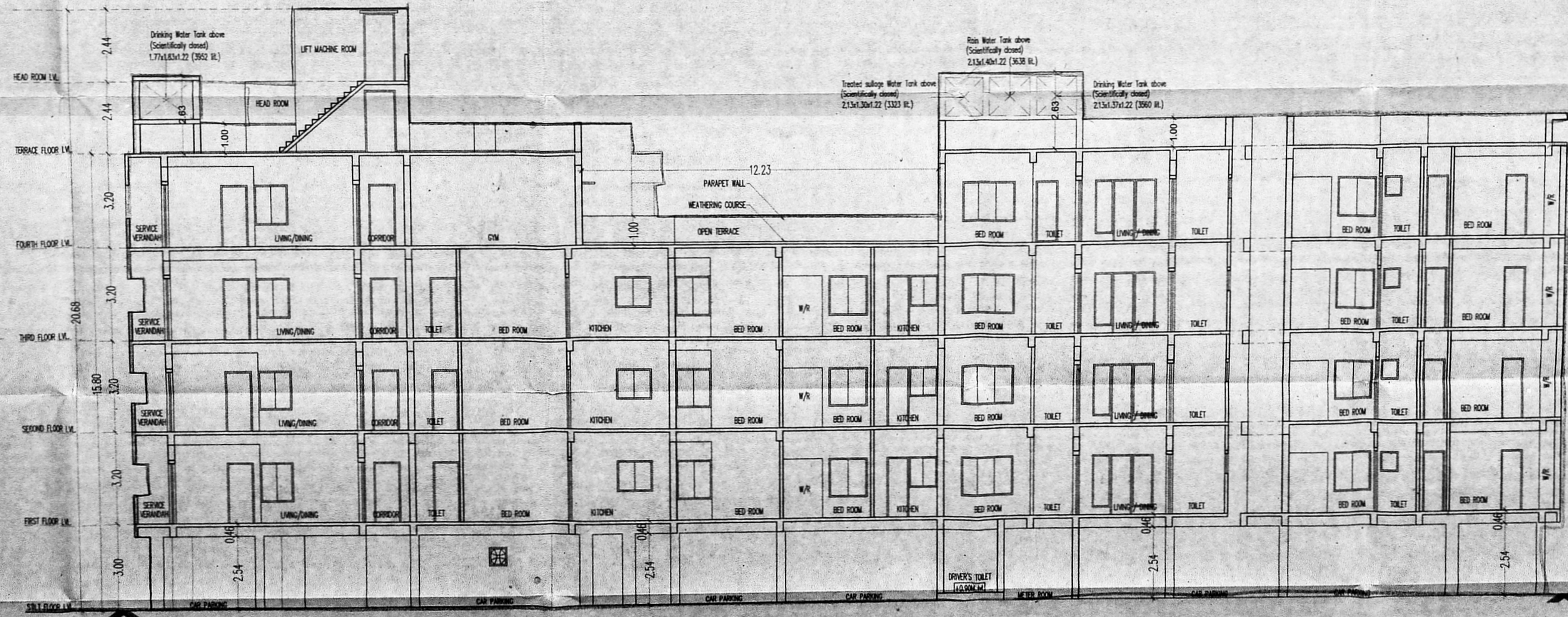
FRONT ELEVATION



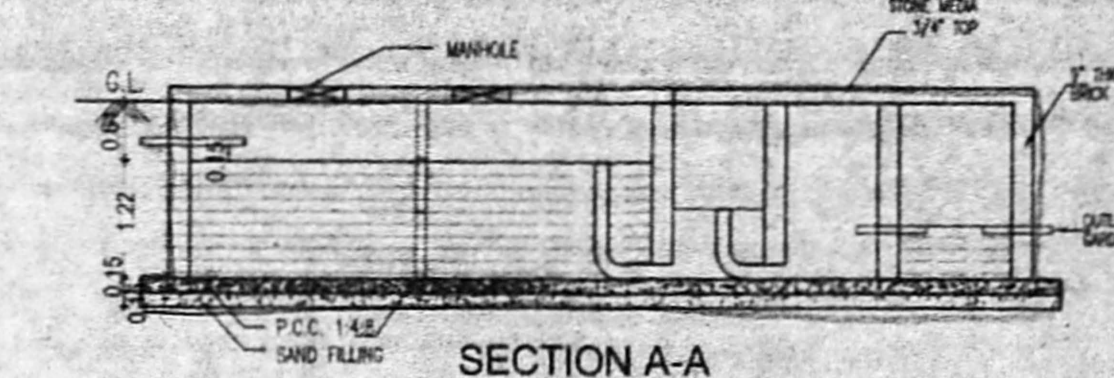
KEY PLAN (NOT TO SCALE)



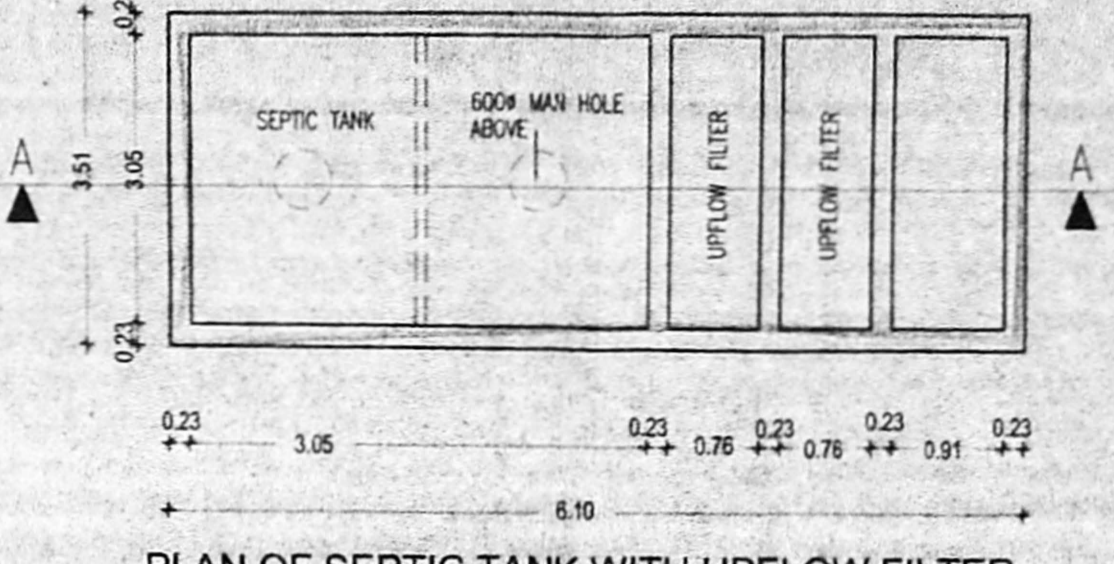
TERRACE FLOOR PLAN



SECTION ON "AA"

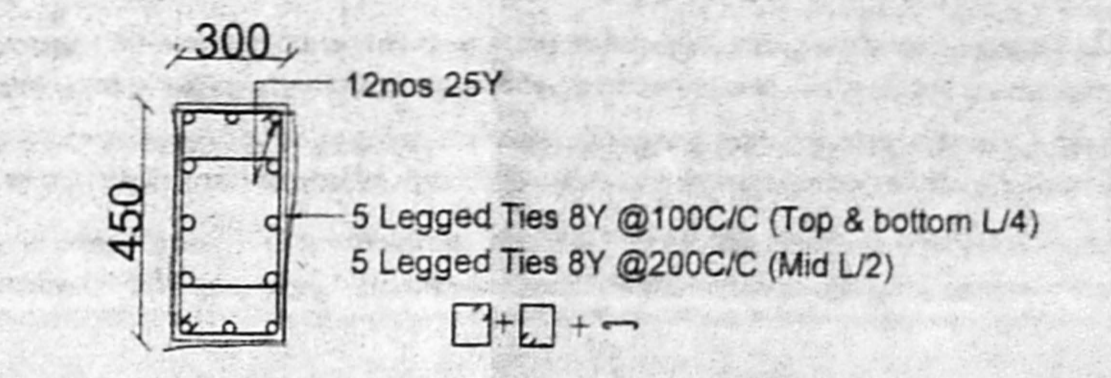


SECTION A-A

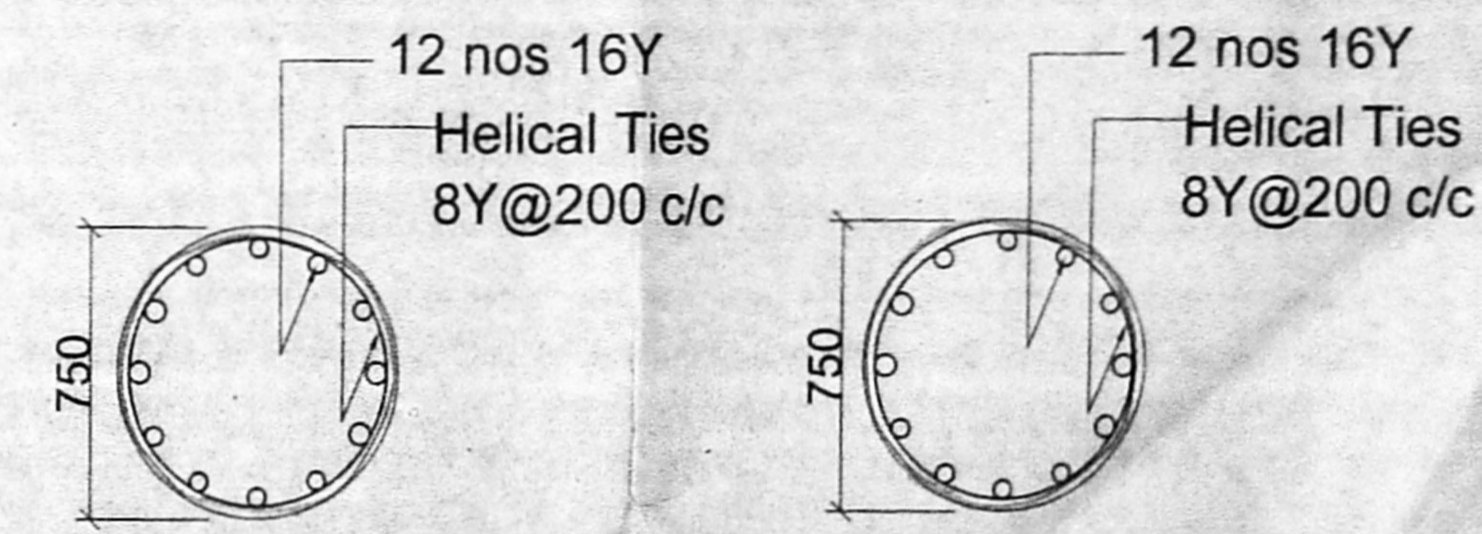


PLAN OF SEPTIC TANK WITH UPFLOW FILTER

DESIGN OF SEPTIC TANK
 NO. OF DWELLINGS (8 x 3) + (6 x 1) = 30
 NO. OF USERS 30 x 5 = 150
 PEAK FLOW (PEAK FACTORS OF 61pm/NO.) = 150x6 = 900 lpm
 No. OF FIXTURE UNITS = 60
 SURFACE AREA REQUIRED = $\frac{900 \times 0.92}{10} = 82.80 \text{ Sq.m.}$
 VOLUME OF FREE BOARD = 1.10
 VOLUME OF SEDIMENTATION = 82.80 x 1.10 = 91.08 CUM
 VOLUME OF DIGESTION = 210 x 0.032 = 6.72 CUM
 VOLUME OF SLUDGE = 210 x 0.035 x 0.002 = 1.47 CUM
 TOTAL VOLUME = 71.10 / 82.80 = 0.86 M
 DEPTH = 71.10 / 82.80 = 0.86 M
 1.22 M PROVIDED.
DESIGN OF UP FLOW FILTER
 PEAK GRAVITY = 210 x 0.045 = 9.45 Sq.m
 ASSUME DEPTH OF = 0.75m
 AREA REQUIRED = 9.45 / 0.75 = 12.6 Sq.m
 SIZE OF UP FLOW = 1.22 x 3.0
 FILTER NO. 1 = 1.05 x 3.0
 FILTER NO. 2 = 1.05 x 3.0
 R.C.C. SLAB = MANHOLE

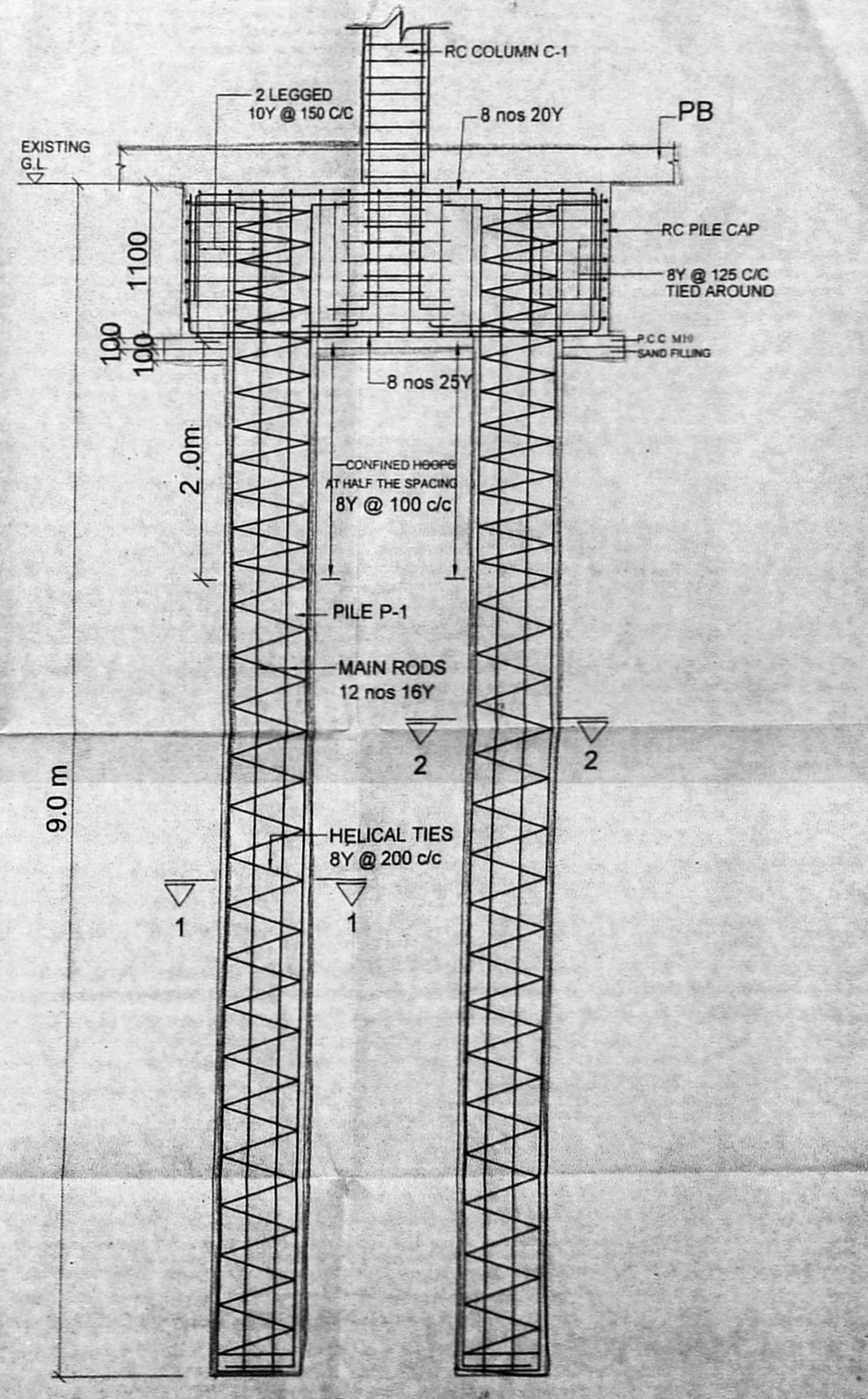


C.S of Column C-1 Typ. detail



SECTION 1-1

SECTION 2-2



TYP. DETAIL OF PILE FOUNDATION DETAIL (N.T.S.)

PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENTS AT GERUGAMBAKKAM MAIN ROAD, GERUGAMBAKKAM - 602101. IN SURVEY No. 284/1A, 285/2, GERUGAMBAKKAM VILLAGE, THIRUPERUMBUDUR TALUK.

SPECIFICATIONS :
 * COLUMN FOOTING FOUNDATION LAID OVER THE SAND FILLING AND P.C.C. 1:4:8 MAT.
 * ALL COLUMNS ARE CONNECTED WITH PLINTHBEAM AND ROOFBEAM.
 * P.C.C. 1:4:8 LAID OVER THE SAND FILLING FOR MOSAIC FLOORING.
 * BRICKWORK IN BASEMENT AND SUPERSTRUCTURE WITH C.M.1:5 MIX.
 * R.C.C. 1:2:4 MIXED UNTEL LAID OVER THE DOORS, WINDOWS AND OPENINGS.
 * ALL WALLS AND CEILINGS ARE PLASTERED WITH C.M. 1:5 MIX.
 * JOINERY ARE MADE IN STEEL ARE FIRST CLASS TEAK WOOD.
 * ROOF COVERED BY R.C.C. 1:2:4 MIXED FLAT SLAB.
 * PARAPET WALL LAID ALL OVER THE BUILDING.
 * WEATHERING COURSE LAID IN PROPER MIX AND SLOPE WITH WATER PROOFING COMPOUND.
 * 1900 LTR. PER DAY CAPACITY OF SOLAR WATER HEATER SYSTEM PROVIDED.

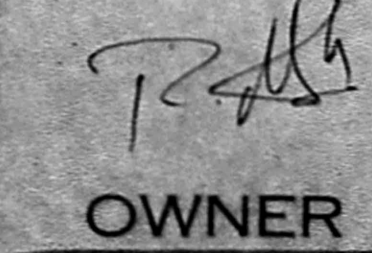
SCHEDULE OF JOINERY :

		(MT.)
M.D	MAIN DOOR	1.07 x 2.13
D	DOOR	0.91 x 2.13
D1	DOOR-1	0.76 x 2.13
FD	FRENCH WINDOW	1.60 x 2.13
W	WINDOW	1.60 x 1.37
W1	WINDOW-1	1.22 x 1.37
W2	WINDOW-2	1.07 x 1.37
W3	WINDOW-3	0.91 x 1.37
KW	KITCHEN-1	1.07 x 1.07

SW	STAIRCASE WINDOW	1.07 x 1.37
V	VENTILATOR	0.60 x 0.76
V1	VENTILATOR-1	0.53 x 0.76
RS	ROLLING SHUTTER	3.00 x 2.13
E.F	EXHAUST FAN	0.60 x 0.76
FW	FRENCH WINDOW	1.83 x 2.13

COLOUR INDEX:
 PROPOSED BUILDING
 EXISTING ROAD
 SITE BOUNDARY

SCALE: 1:100
 DATE:



OWNER

LICENSED SURVEYOR:
 S. SUBBA RAO, Arch. Assoc.
 Registered Architect 35318
 COA REG. CAR/25544
 Block II, Ground Floor
 1, Kamaraj Street
 CHENNAI - 600 011