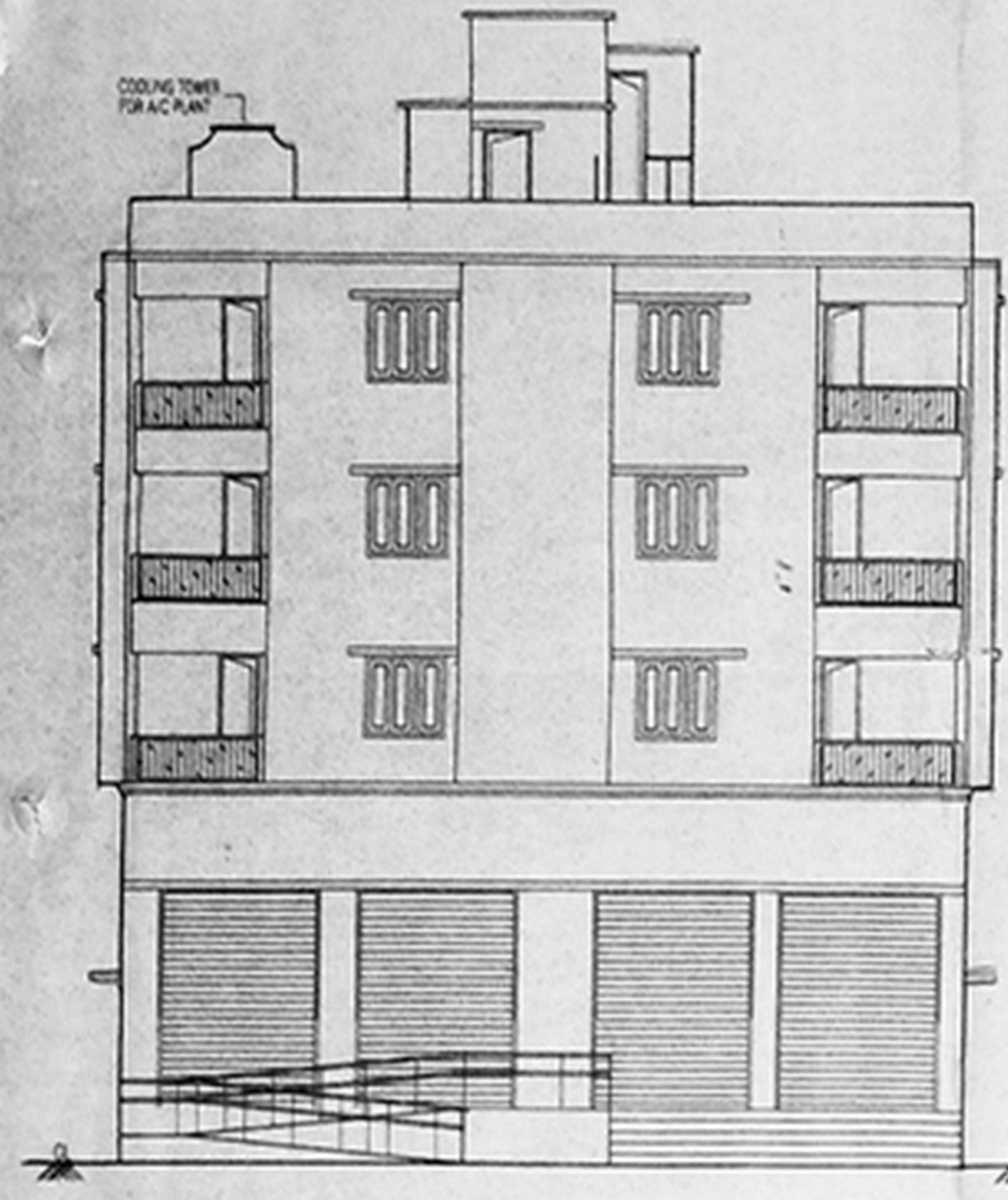
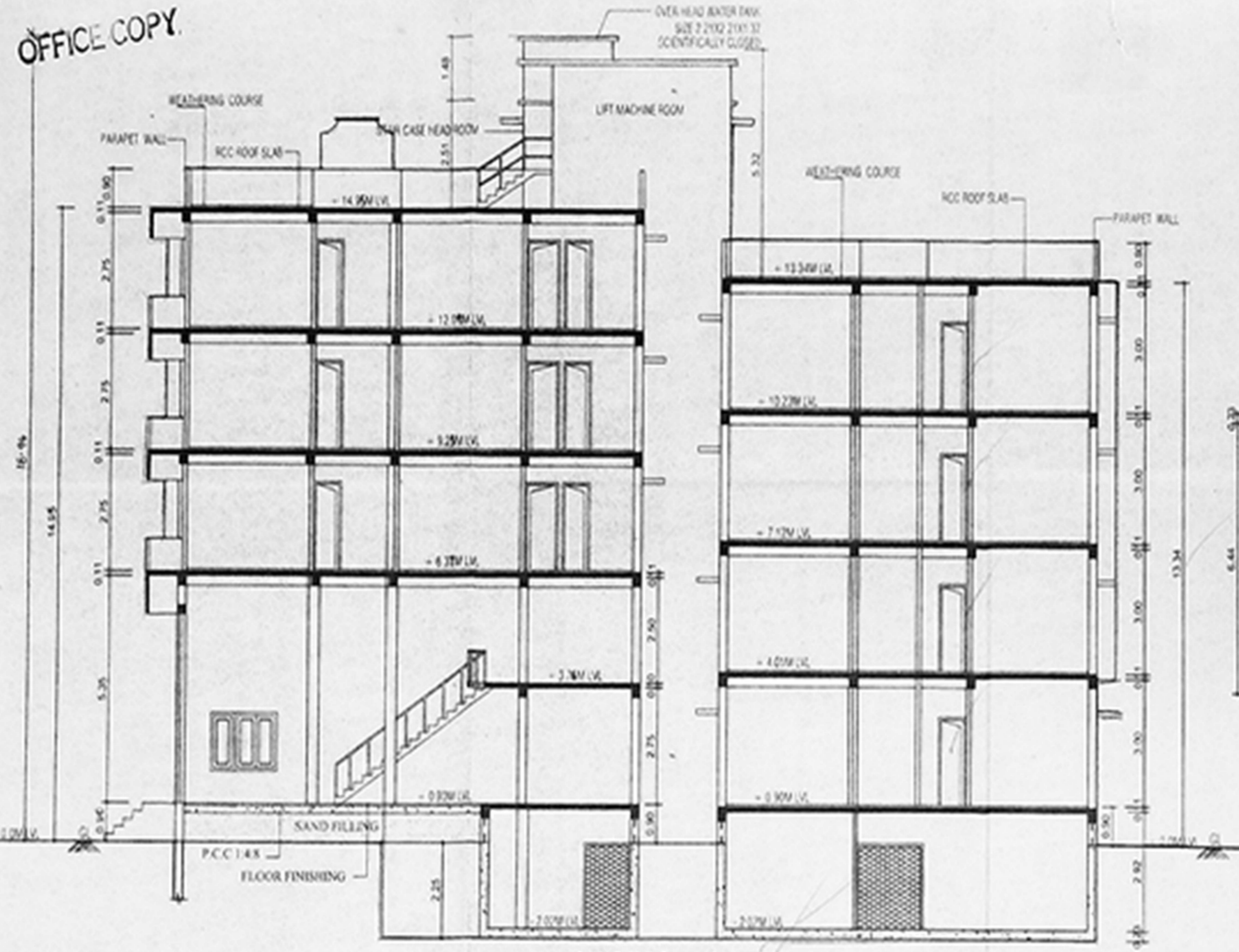


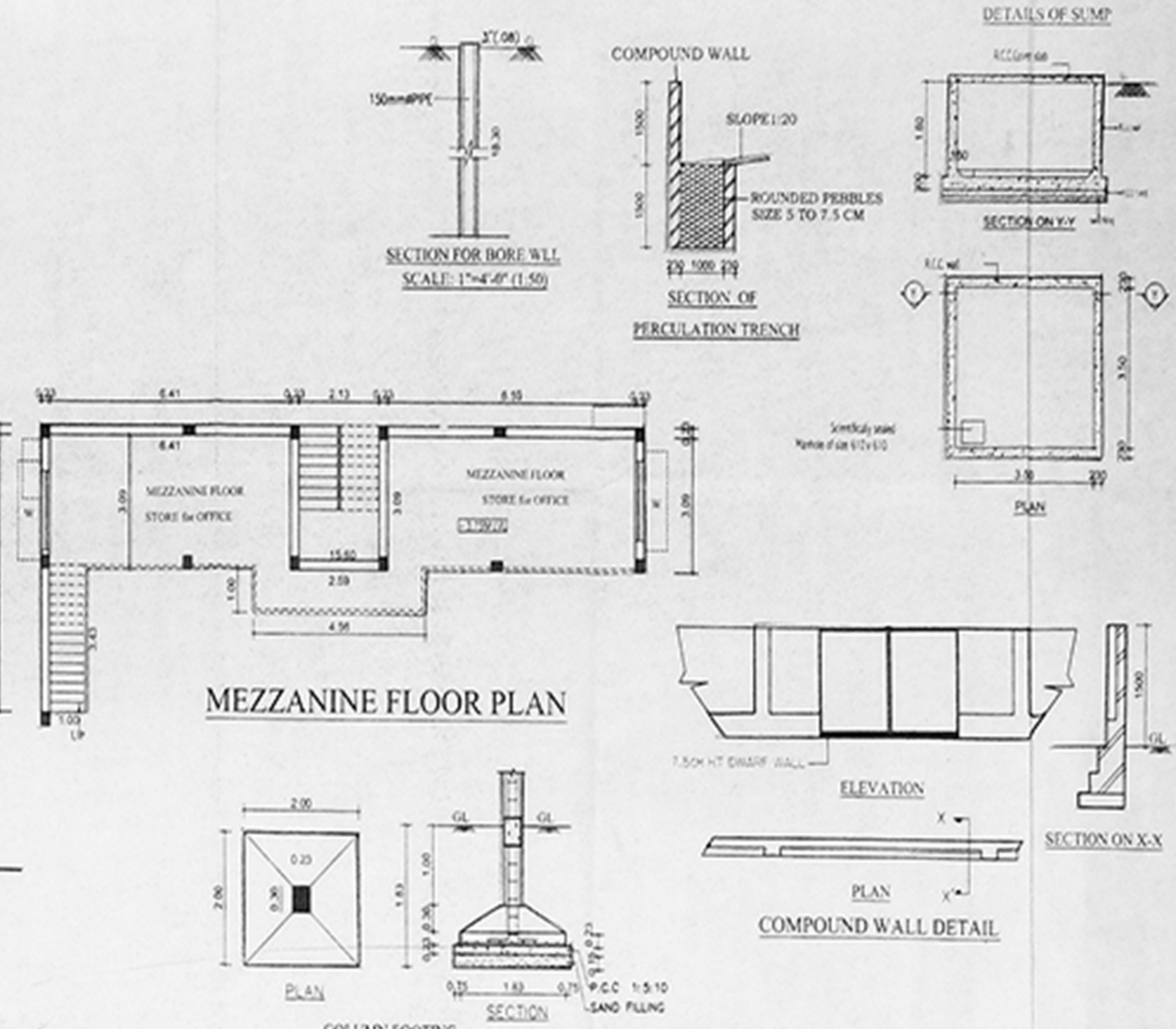
OFFICE COPY



FRONT ELEVATION

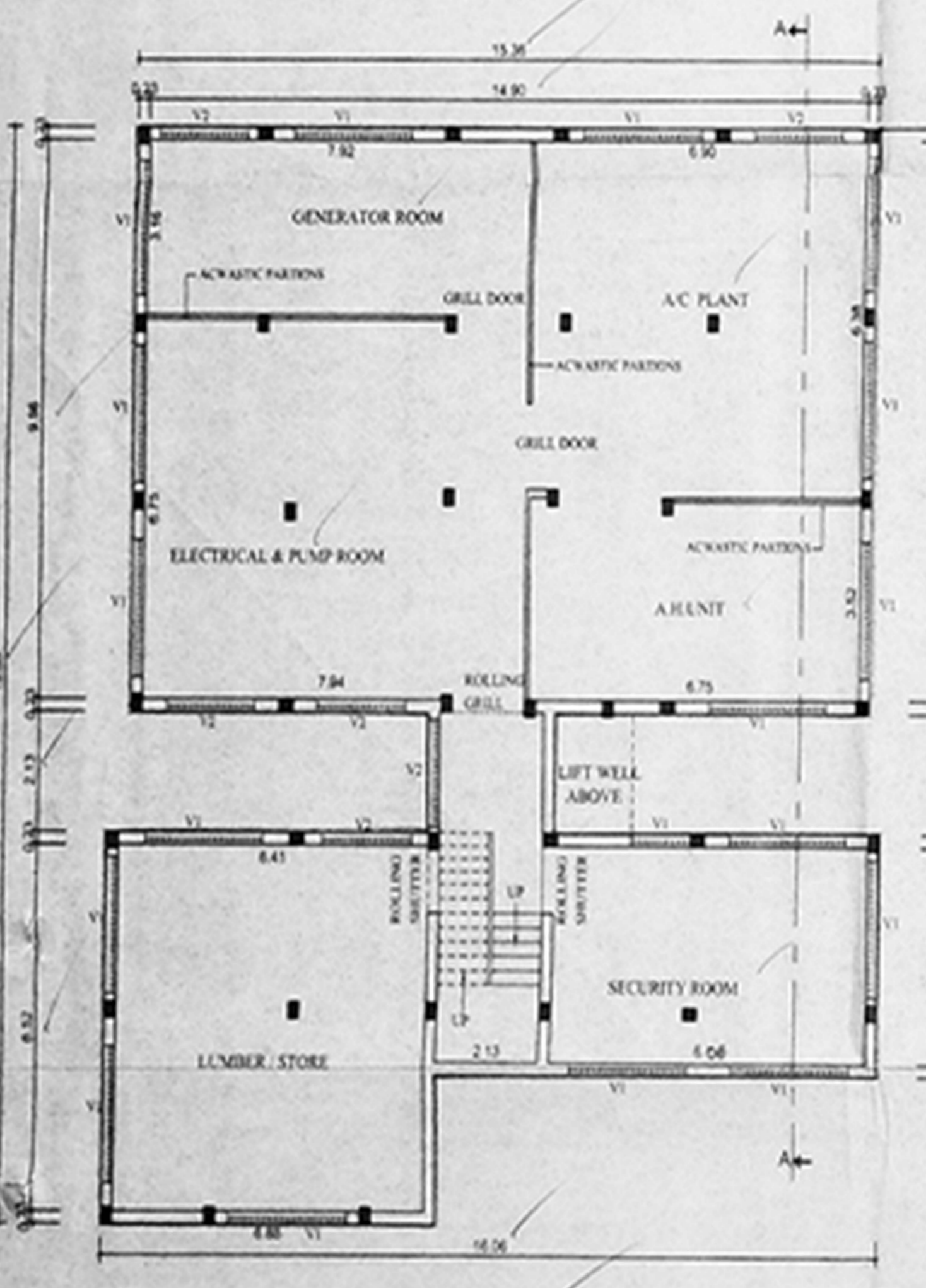


SECTION ON A-A

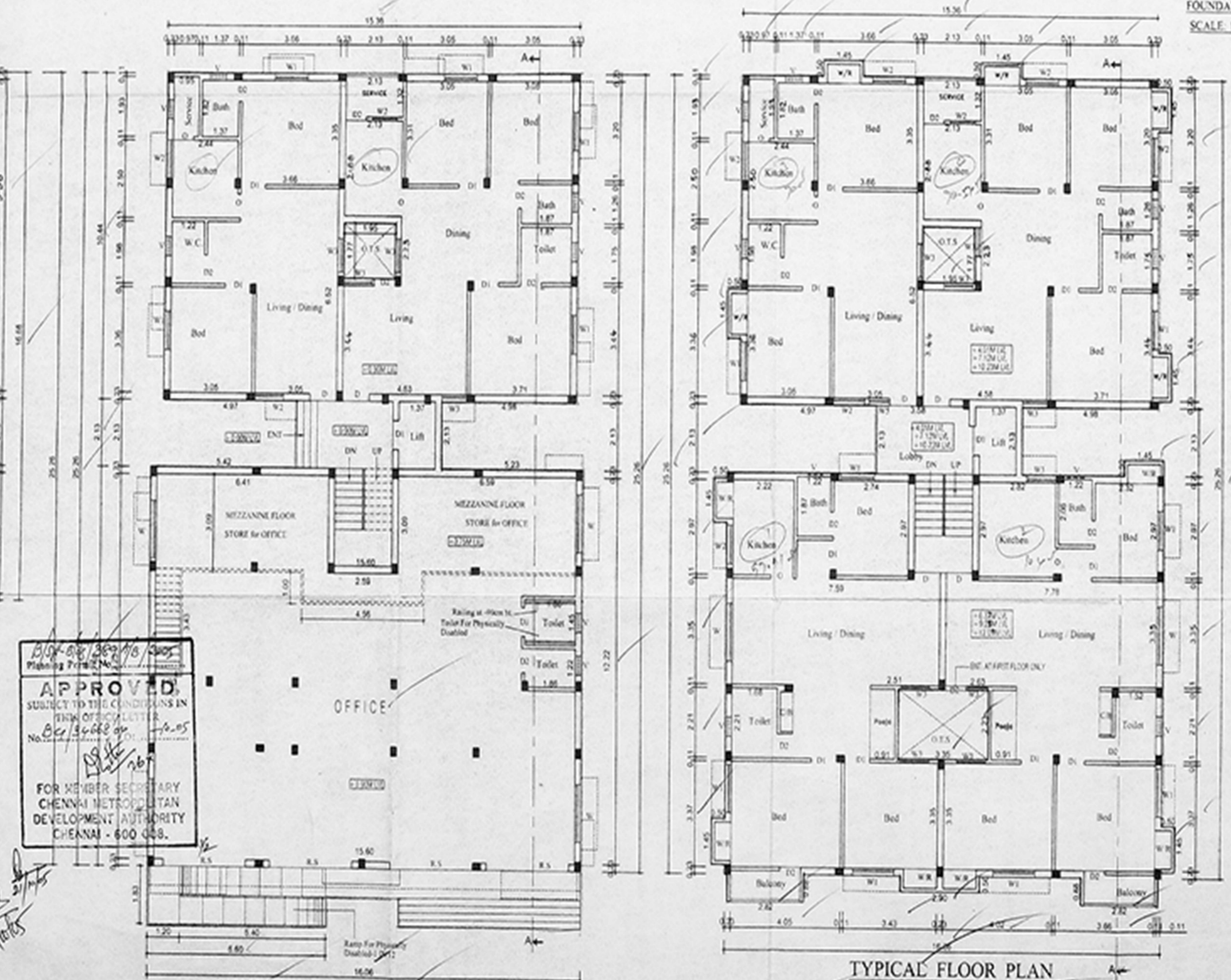


MEZZANINE FLOOR PLAN

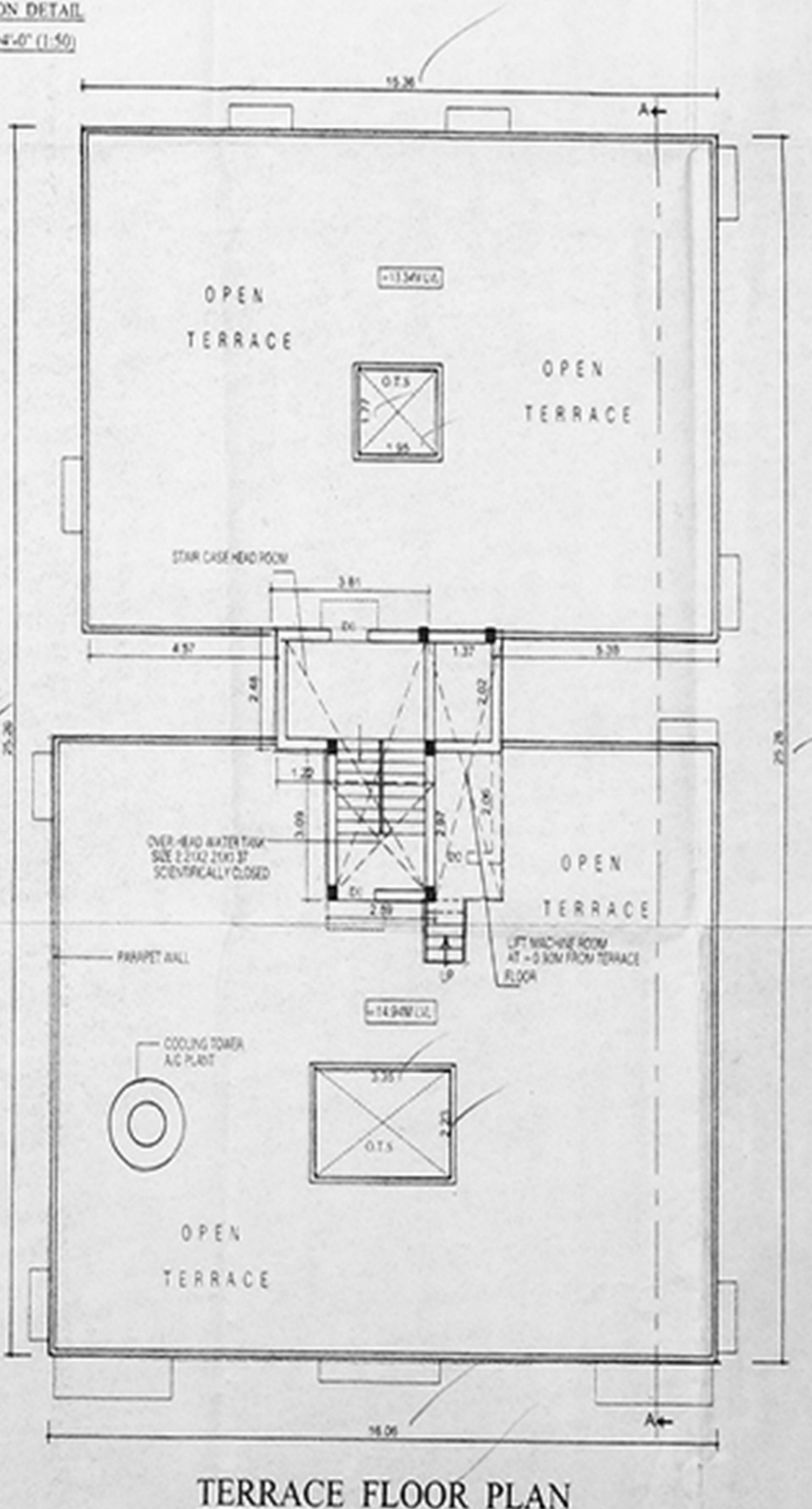
COMPOUND WALL DETAIL



BASEMENT FLOOR PLAN
BLOCK - A



TYPICAL FLOOR PLAN
FIRST, SECOND & THIRD FLOORS
BLOCK - A



TERRACE FLOOR PLAN
BLOCK - A

APPROVED
SUBJECT TO THE CONDITIONS IN
FORM OF LETTER
No. 100/2005
FOR MEMBER SECRETARY
CHENNAI METROPOLITAN
DEVELOPMENT AUTHORITY
CHENNAI - 600 088.

SCHEDULE OF JOINERY:

TYPE	DETAIL	WIDTH	HEIGHT
RS	ROLLING SHUTTER	3000	4450
RG	ROLLING GRILL	1830	2135
RG1	ROLLING GRILL	1830	2135
D	MAIN DOOR	1000	2135
O1	OPENING	762	2135
O2	OPENING	762	2135
W	C.W. GLAZED WINDOW	1830	1370
W1	-DO-	1525	1370
W2	-DO-	1225	1370
W3	-DO-	1065	1370
W4	-DO-	915	1370
W5	-DO-	762	1370
V	GLAZED VENTILATOR	610	915
V1	-DO-	2430	900
V2	-DO-	1900	900

SPECIFICATION:
 FOUNDATION - RCC COLUMN FOOTINGS
 BRICK WORK - C.M 1:6 FOR SUPER STRUCTURE
 PLASTERING - C.M 1:5 FOR WALLS & 1:3 FOR CEILING
 FLOORING - MOSAIC FLOORING
 R.C.C - 1:1:2 FOR SLABS & LINTELS USING M-25
 CEMENT PAINT - TWO COATS FOR WALLS & ONE EXTRA COAT FOR CEILING
 WOOD WORK - ALL WOOD WORKS IN BEST QUALITY TIMBER
 WEATHERING - B.JELLY LIME MORTAR OVER ROOF COURSE - SLAB ONE LAYER OF COUNTRY TILES

COLOUR INDEX:

PROPOSED	
ROAD	
BOUNDARY	

PLAN SHOWING THE PROPOSED CONSTRUCTION OF COMMERCIAL & RESIDENTIAL BUILDING AT MOUNT POONAMALLEE ROAD, SURVEY NO.69/5-B, KARAMBAKKAM VILLAGE.

AREA STATEMENT IN SQM

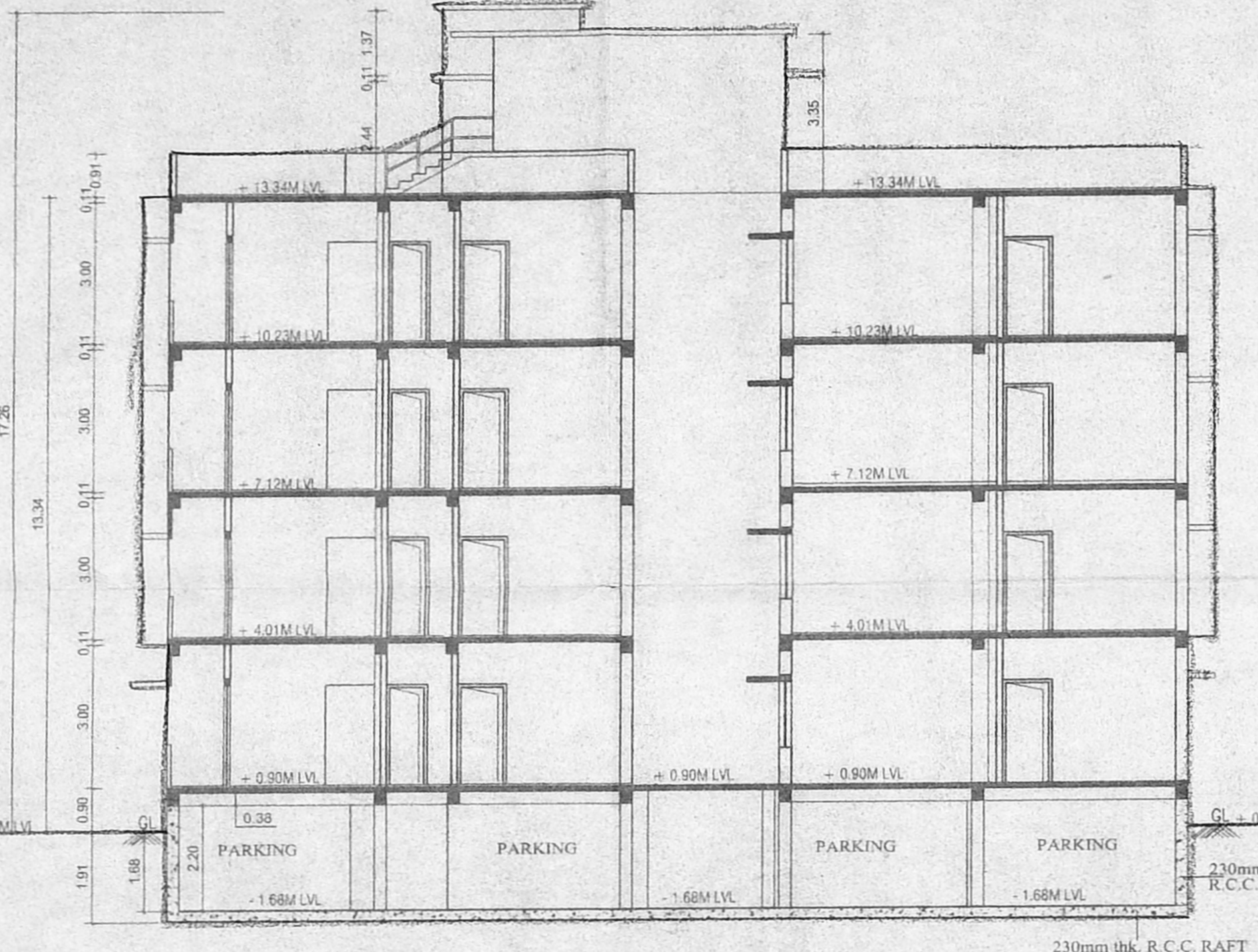
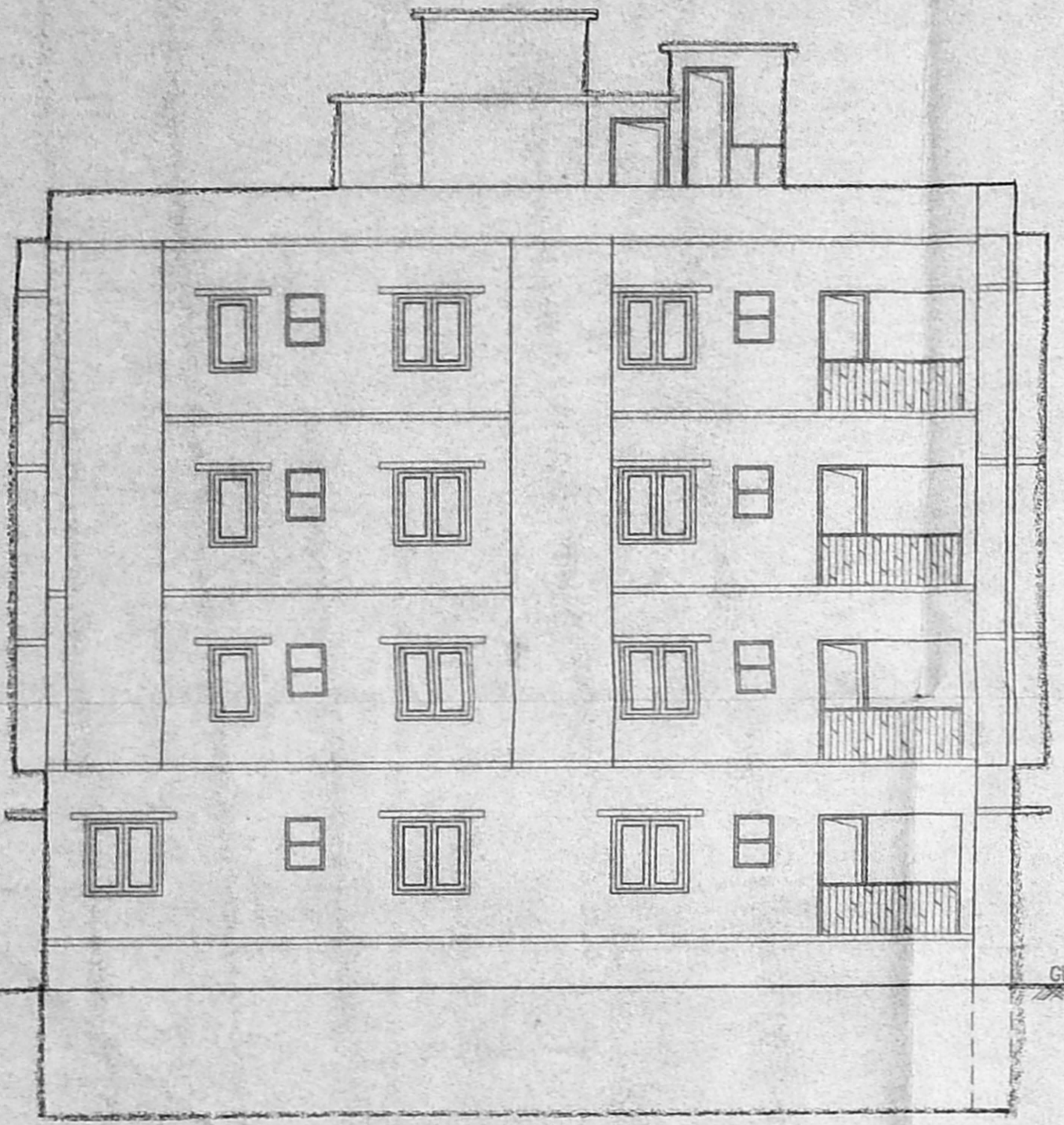
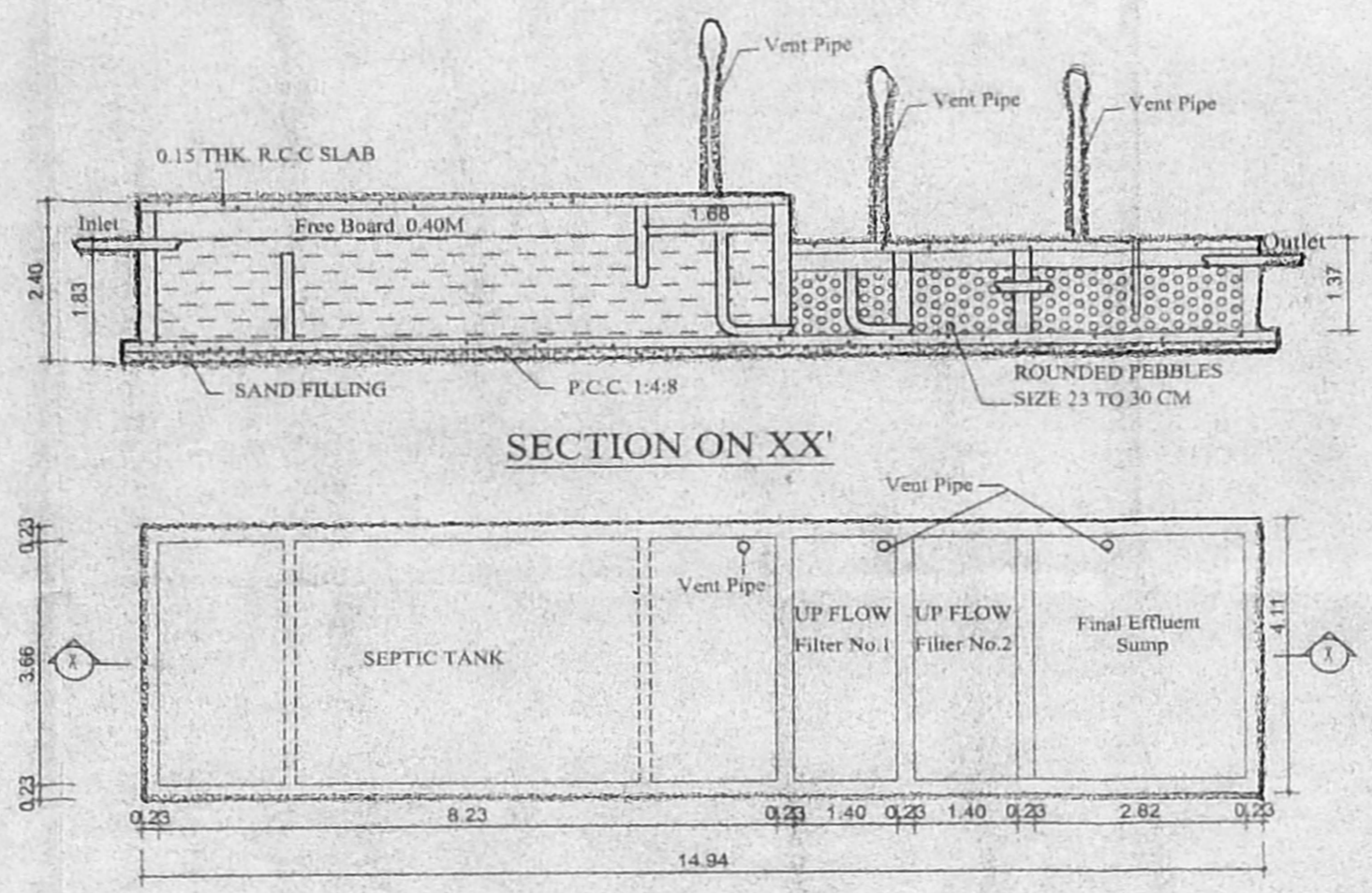
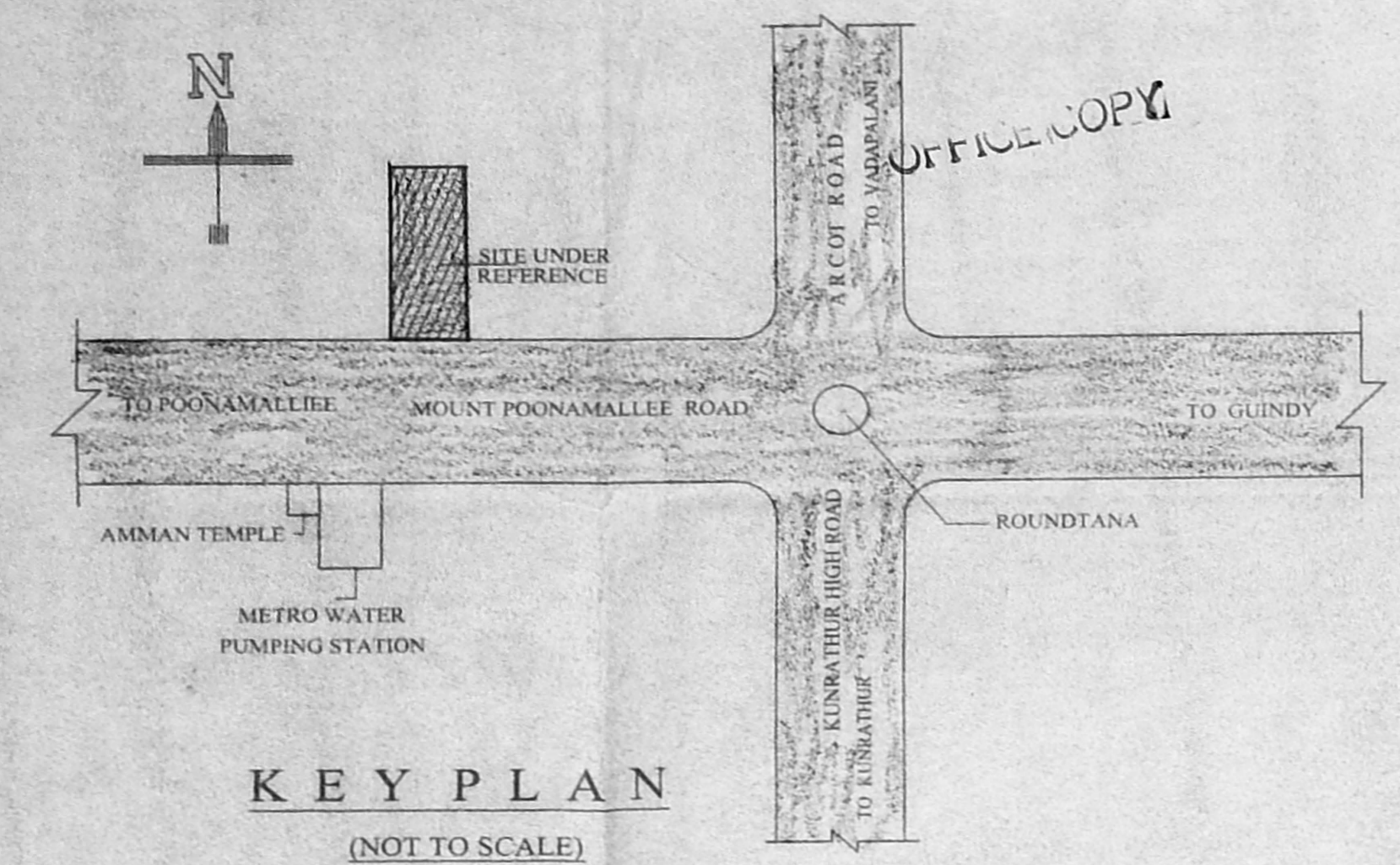
BLOCK - A	
TOTAL SITE EXTENT	1780.60
BASEMENT FLOOR	16.68
GROUND FLOOR	371.18
MEZZANINE FLOOR	61.88
FIRST FLOOR	377.71
SECOND FLOOR	377.71
THIRD FLOOR	377.71
TOTAL BUILT UP AREA	1582.87
SERVICE AREA	236.59
TOTAL BUILT UP AREA = BLOCK - A + BLOCK - B	= 1582.87 + 1079.71
	= 2662.58
F.S.I	= 1.495

SCALE :- 1"= 8'-0" DATE :- 27.06.05

SIGNATURE OF OWNER

LICENSED SURVEYOR

C RAJENDRAN
 CONSULTING CIVIL ENGR
 LICENSED SURVEYOR (C.A.)
 L.S. NO. 1092
 17/2, Thiruvalluvar Street,
 T. Nagar, Chennai - 600 017



WITH TWO UP FLOW FILTER

DESIGN OF SEPTIC TANK WITH TWO UP FLOW FILTER

NO. OF DWELLING FOR RESIDENCE --- 30 NOS.
 NO. OF DWELLING ASSUMED FOR COMMERCIAL --- 270M²/50M² = 6 NOS.

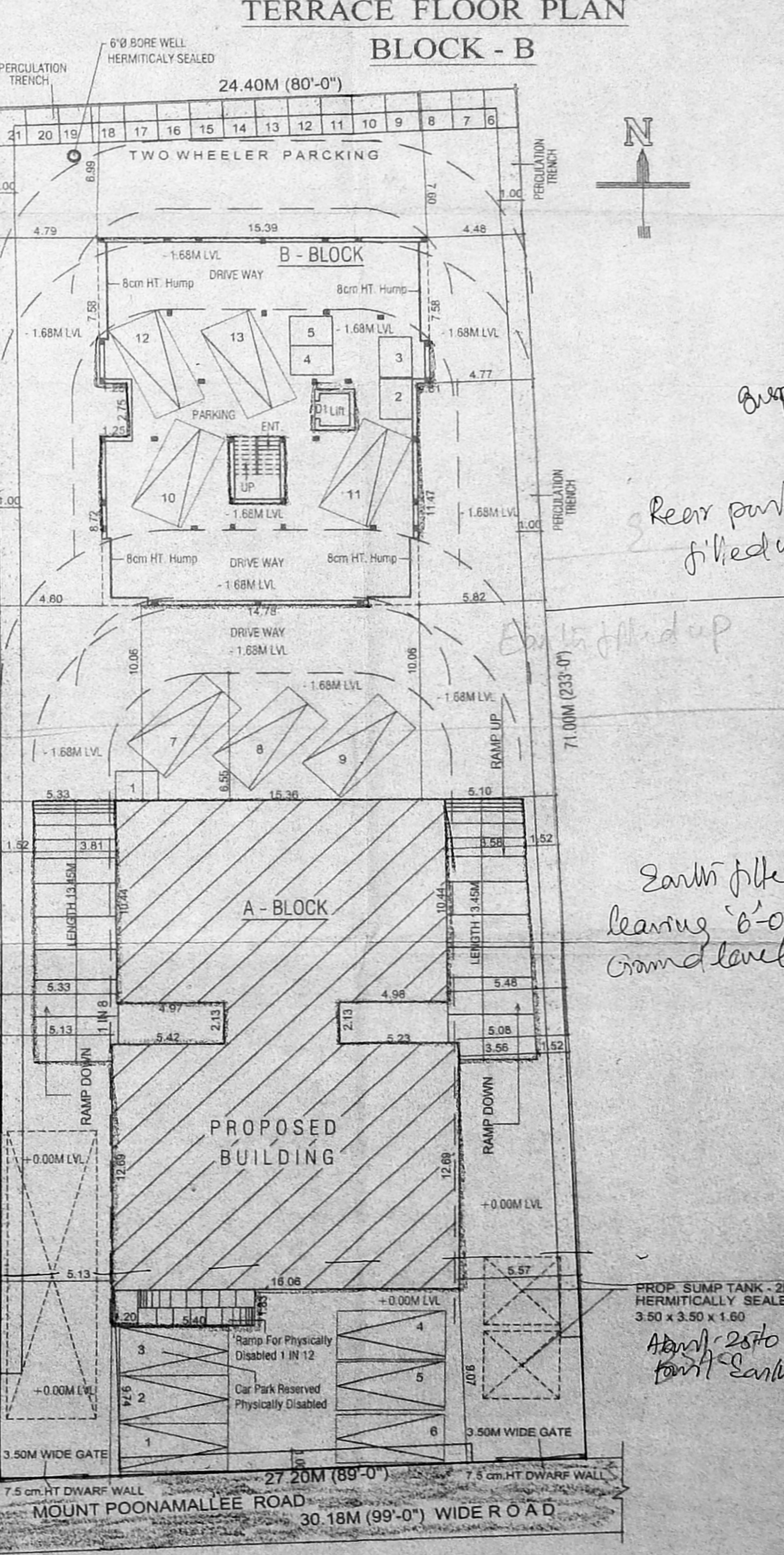
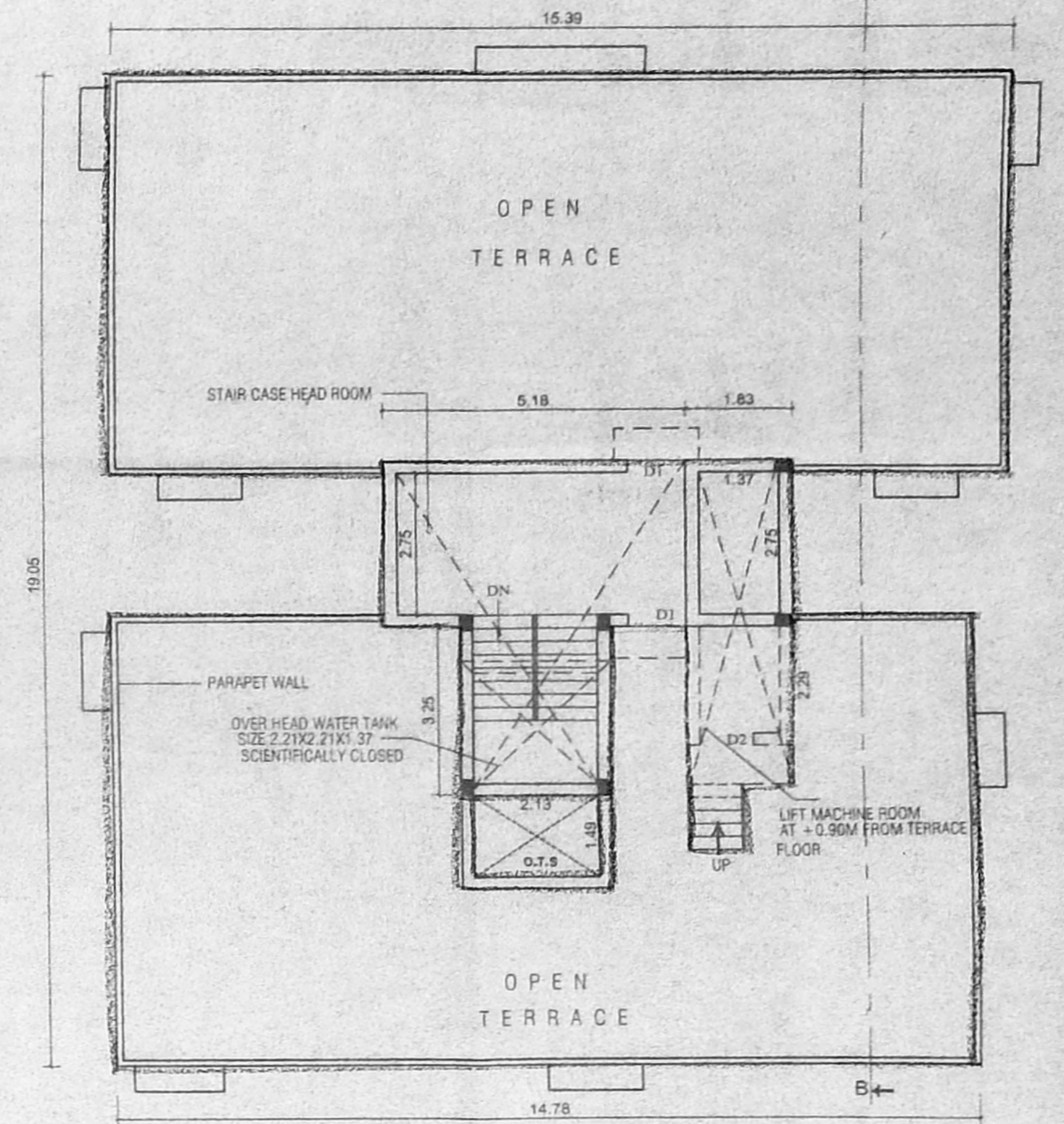
TOTAL NO. OF DWELLING --- 30 + 6 = 36 NOS.
 NO. OF USERS --- 36 X 5 = 180
 RATE OF WATER SUPPLY IS --- 150 LPH / DAY
 THEN FLOW OF SEWAGE PER DAY --- 190 X 150 = 28500 LTS
 DETENTION PERIOD IS --- 18 HRS.
 TANK CAPACITY --- 28500 X 18/24 = 21375 LTS.
 THE TANK IS TO BE CLEARED EVERY YEAR SO SLUDGE STORAGE CAPACITY AT THE RATE OF 15 LTS. 190 X 15 = 28500 LTS.

FOR PERSON PER YEAR --- 21375 + 2100 = 24225 LTS.
 WITH PROVISION FOR FUTURE EXPANSION LET THE TOTAL TANK CAPACITY BE 30000 LTS. (OR) 30 M³

DEPTH OF LIQUID AS --- 1.6 M
 PLAN AREA OF THE TANK --- 30 / 1.6 = 19 M²
 THE RATIO OF LENGTH TO WIDTH OF TANK BE 3
 LENGTH X BREADTH X 3 --- 19 M²
 BREADTH OF TANK --- 3.5 M
 LENGTH OF TANK --- 8 M
 FREE BOARD OF THE TANK --- 0.40 M
 TOTAL DEPTH OF THE TANK --- 1.6 + 0.4 = 2.0 M
 PROVIDE TWO SEPTIC TANK EACH OF 8 X 3.5 X 2M SIZE

UPFLOW FILTERS

DISCHARGE FOR 500 PERSONS --- 75000 LTS.
 VOLUME --- 500 X 0.45 = 22.50 M³
 DEPTH --- 1.10 - 0.30 = 0.80 M
 PLAN AREA REQUIRED --- 22.5 / 0.80 = 28 M²
 SIZE OF FINAL EFFLUENT SUMP --- 2.80 X 1.40 X 1.75 M
 UP FLOW FILTER NO.1 --- 1.40 X 0.70 X 0.80 M
 UP FLOW FILTER NO.2 --- 1.40 X 0.70 X 0.80 M



SCHEDULE OF JOINERY

TYPE	DETAIL	WIDTH	HEIGHT
D	DOOR		2135
D1	DOOR		2135
D2	DOOR		2135
O	OPENING		2135
W	WINDOW		1370
W1	WINDOW		1370
W2	WINDOW		1220
W3	WINDOW		1067
V	GLAZED VENTILATOR		610

SPECIFICATION:

FOUNDATION - RCC COLUMN FOOTINGS
 BRICK WORK - C.M 1:6 FOR SUPER STRUCTURE
 PLASTERING - C.M 1:5 FOR WALLS & 1:3 FOR CEILING
 FLOORING - MOSAIC FLOORING
 R.C.C - 1:1:2 FOR SLABS & LINTELS USING M-25
 CEMENT PAINT - TWO COATS FOR WALLS & ONE EXTRA COAT FOR CEILING
 WOOD WORK - ALL WOOD WORKS IN BEST QUALITY TIMBER
 WEATHERING - B JELLY LIME MORTAR OVER ROOF
 COURSE - SLAB ONE LAYER OF COUNTRY TILES

COLOUR INDEX:

PROPOSED	[Symbol]
ROAD	[Symbol]
BOUNDARY	[Symbol]

PLAN SHOWING THE PROPOSED CONSTRUCTION OF COMMERCIAL & RESIDENTIAL BUILDING AT MOUNT POONAMALLEE ROAD, SURVEY NO.69/S-B, KARAMBAKKAM VILLAGE.

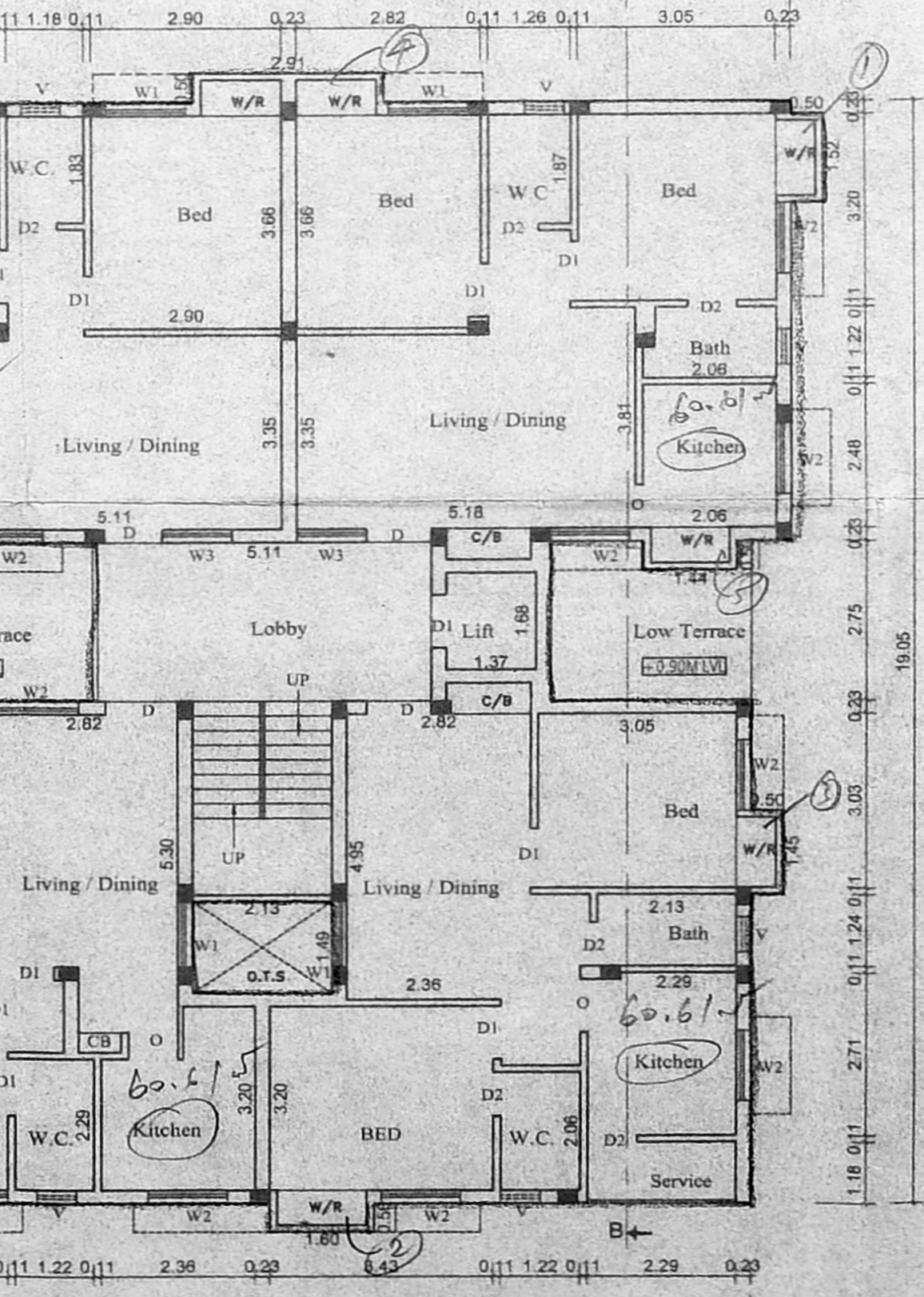
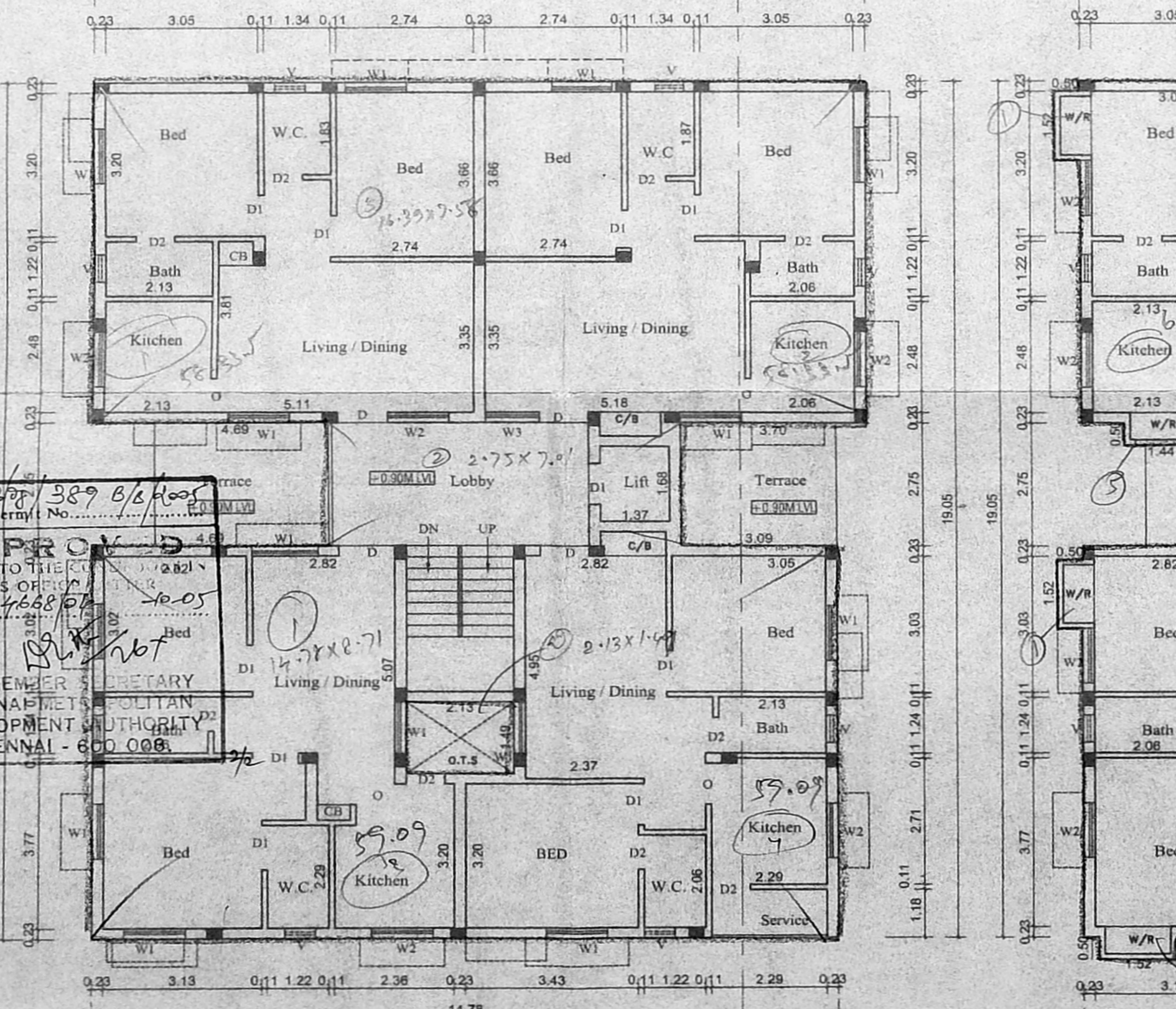
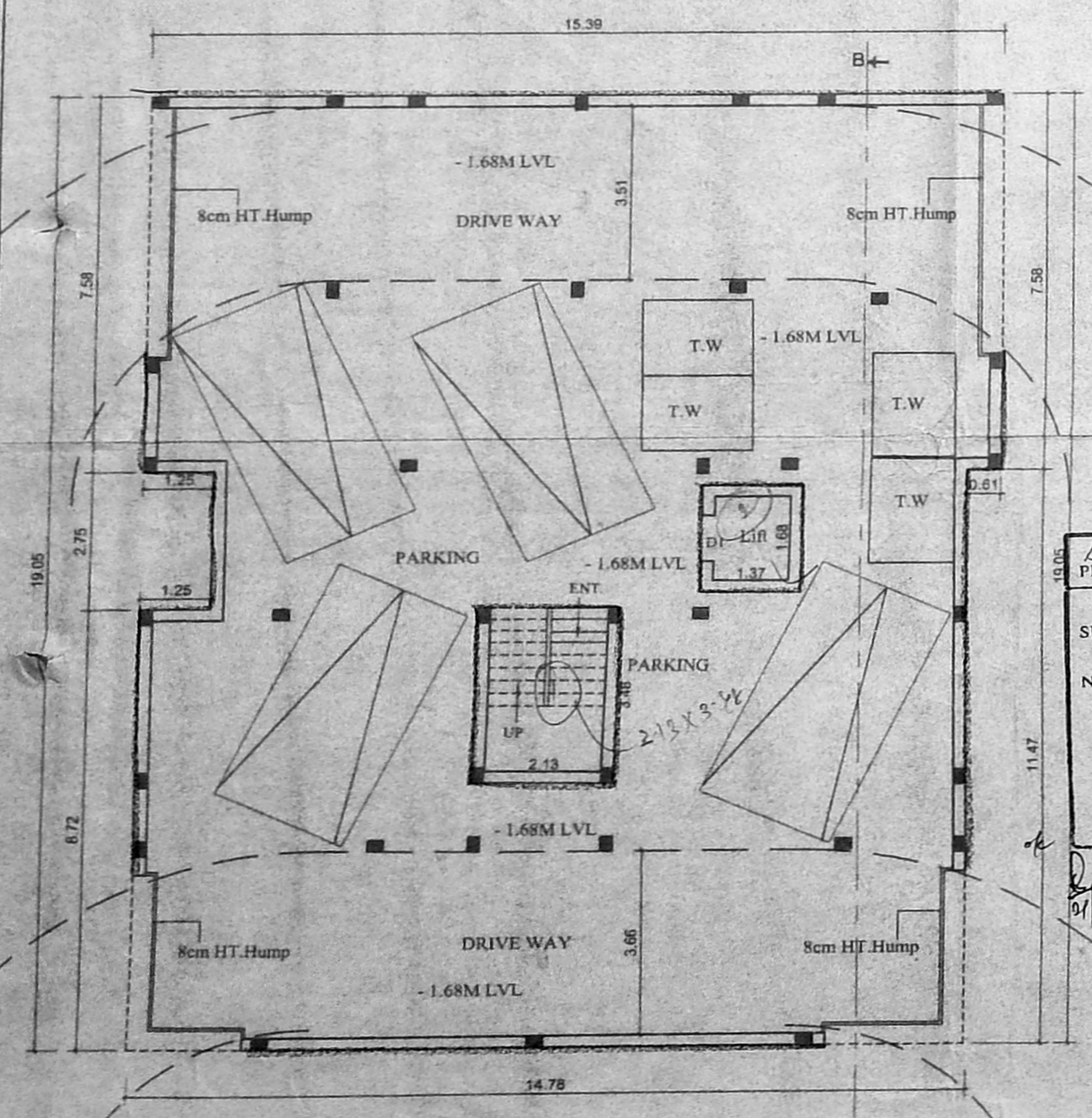
AREA STATEMENT

BLOCK - B	IN SQM
BASEMENT FLOOR	11.33
GROUND FLOOR	261.50
FIRST F FLOOR	266.96
SECOND FLOOR	266.96
THIRD FLOOR	266.96
TOTAL BUILT UP AREA	1079.71

SCALE - 1" = 8'-0" DATE : 27.06.05

SIGNATURE OF OWN [Signature]

LICENSED SURVEYOR
 M. G. [Signature]
 PH: 24841352
 C. RAJENDRAN, P.F.
 CONSULTING CIVIL ENGINEER
 LICENSED SURVEYOR CLASS I
 L.S. NO. 1002
 17/9, [Address]
 Kodambakkam Chennai - 24.



BASEMENT FLOOR PARKING BLOCK - B

GROUND FLOOR PLAN BLOCK - B

TYPICAL FLOOR PLAN FIRST, SECOND & THIRD FLOORS BLOCK - B

SITE PLAN SCALE - 1" = 16'-0" [1:200]