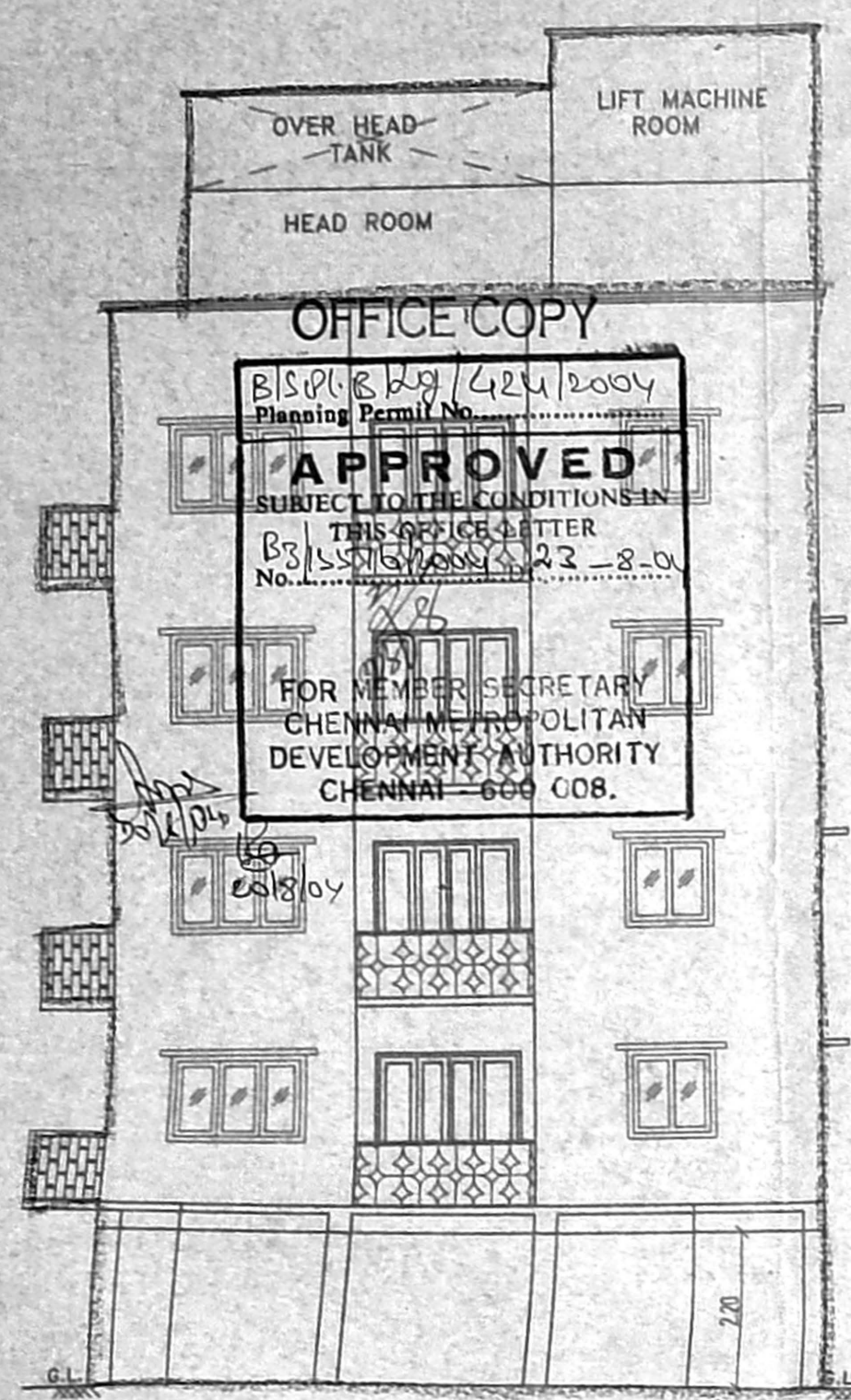


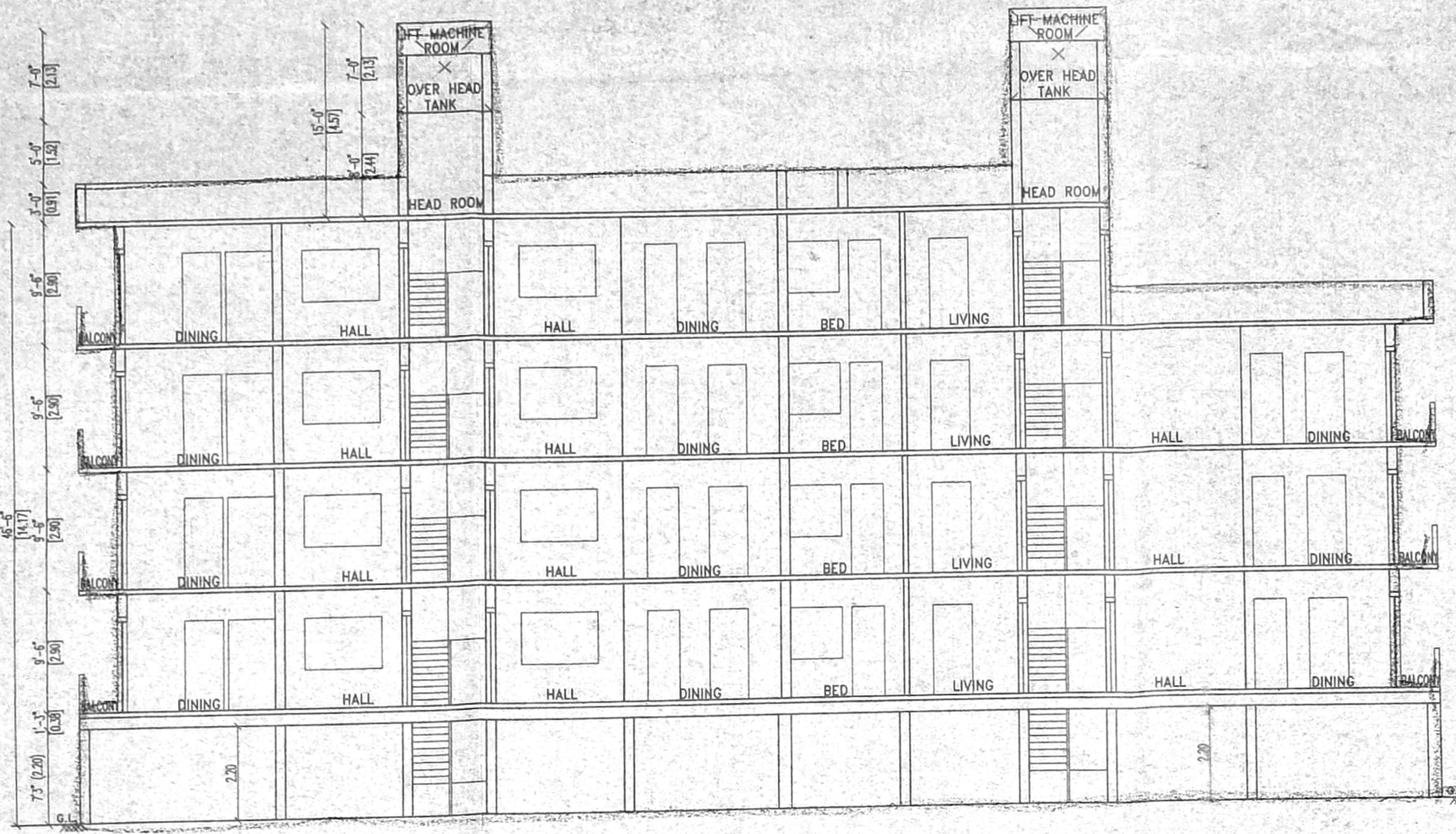


CMDA (B) No. 1
C No. 52/15716/02

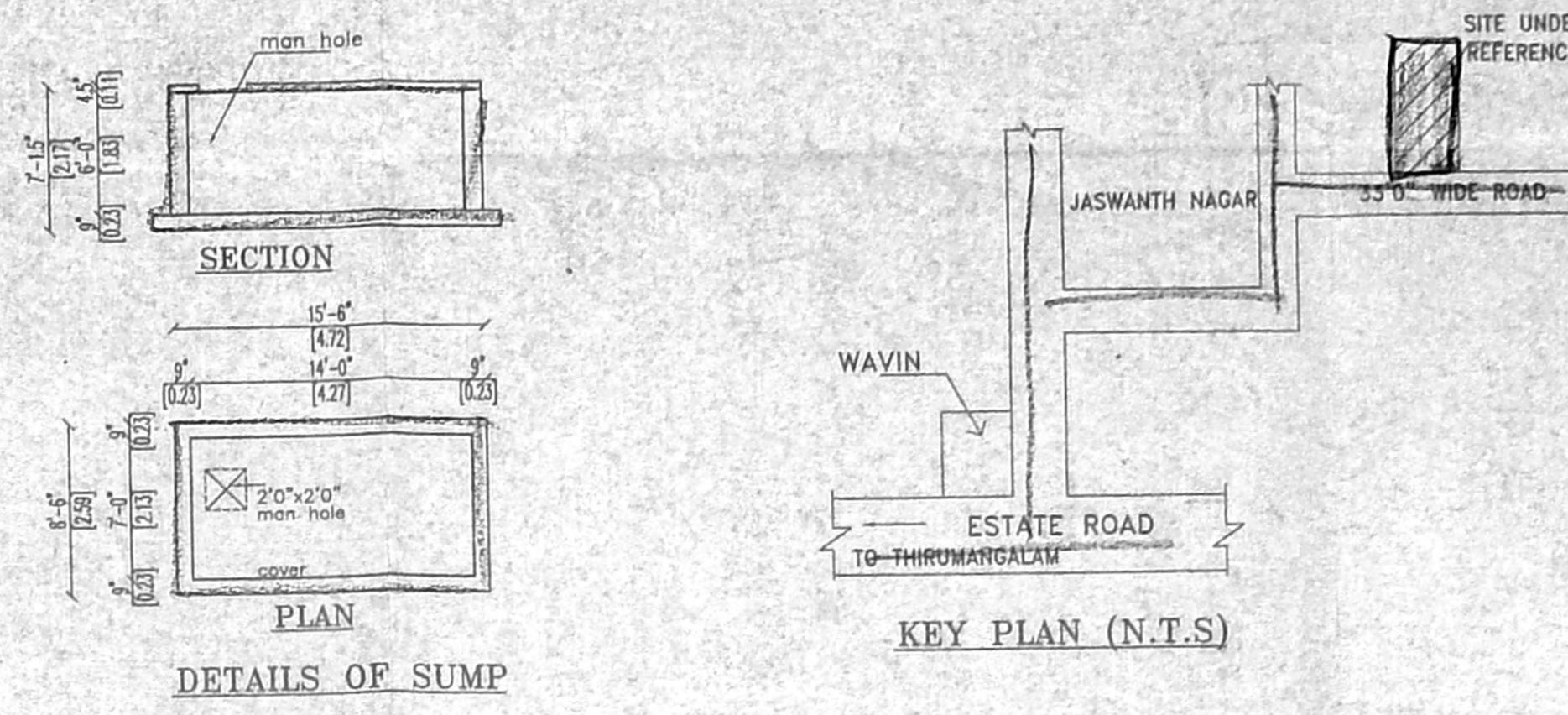


ELEVATION

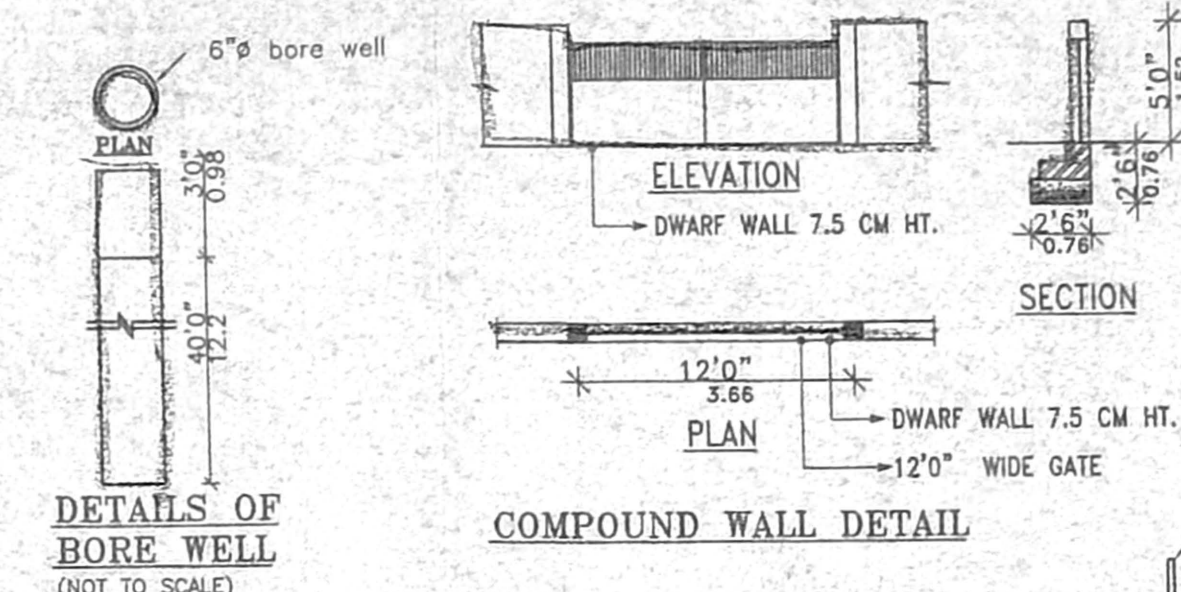
64'0" (19.51) AS PER SITE
63'4.5" (19.32) AS PER PLR



SECTION ON AB

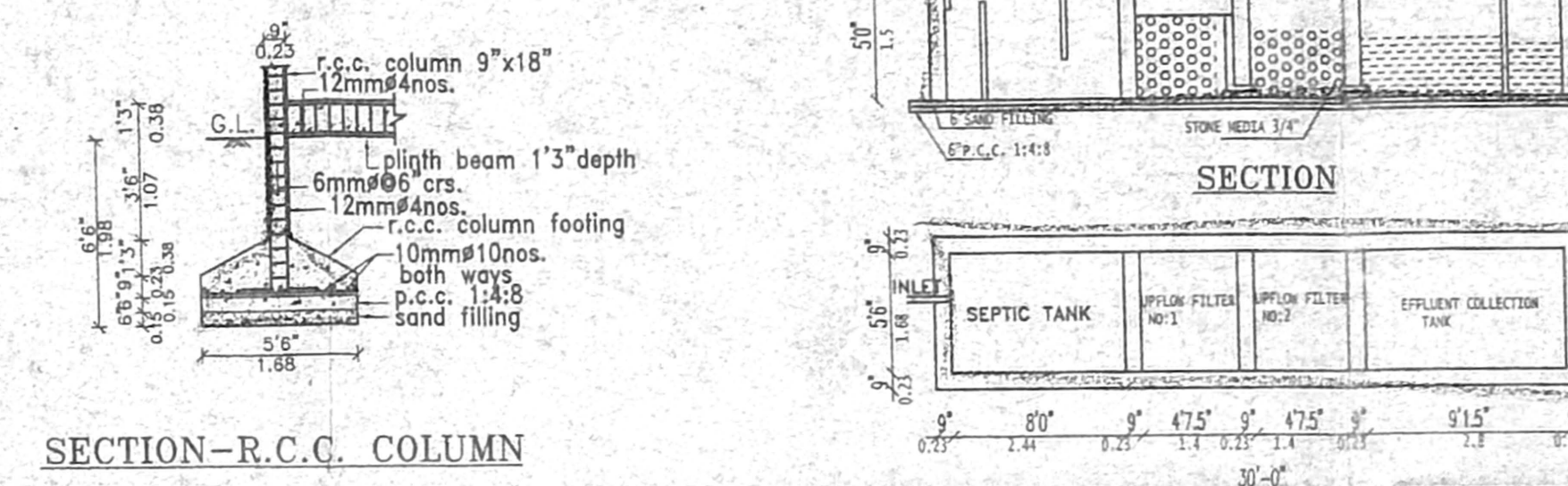


DETAILS OF SUMP

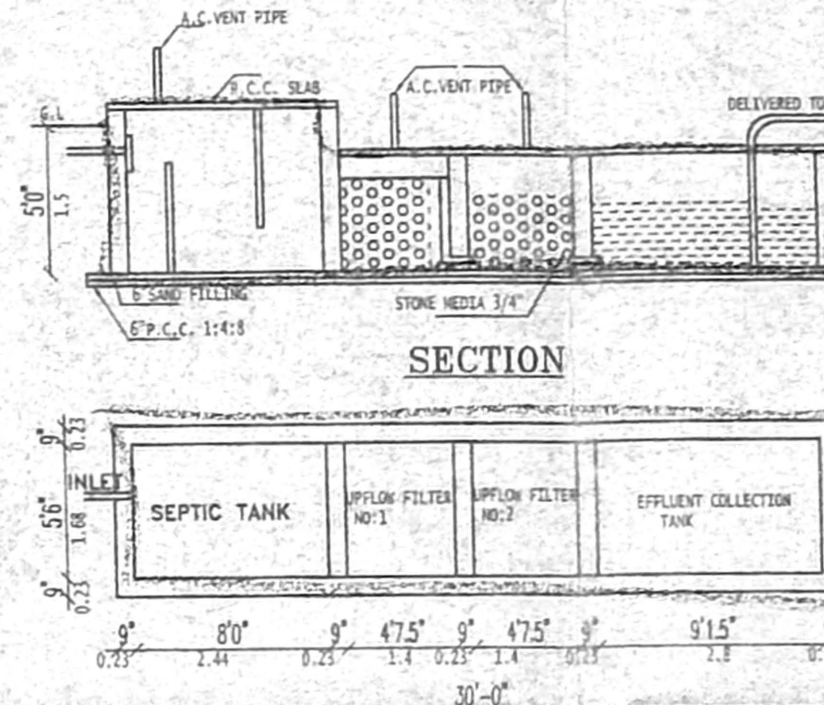


DETAILS OF BORE WELL (NOT TO SCALE)

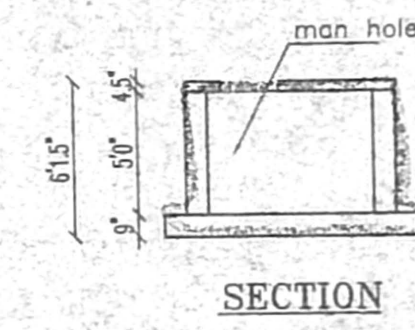
COMPOUND WALL DETAIL



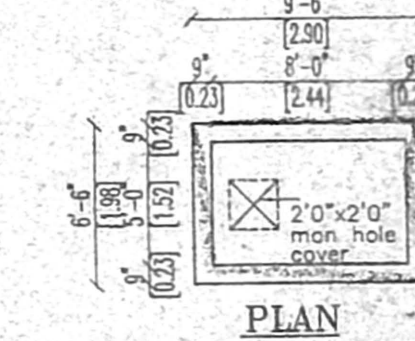
SECTION-R.C. COLUMN



DETAILS OF UPFLOW FILTER SEPTIC TANK

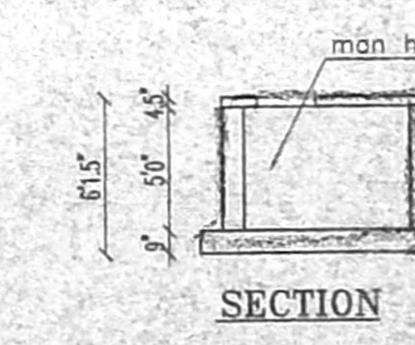


SECTION

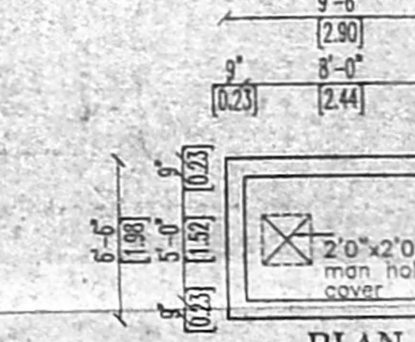


PLAN

SUMP FOR SULLAGE WATER

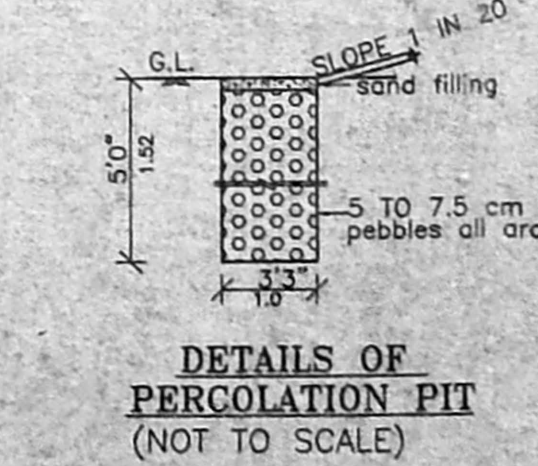


SECTION



PLAN

SUMP FOR RAIN WATER



DETAILS OF PERCOLATION PIT (NOT TO SCALE)

JOINERIES

D	DOOR	3'0" x 7'0"
D1	DOOR	3'0" x 7'0"
D2	DOOR	2'0" x 7'0"
O	OPENING	3'0" x 7'0"
A/O	ARCH OPEN	8'0" x 7'0"
W	WINDOW	6'0" x 4'0"
W1	WINDOW	4'0" x 4'0"
V	VENTILATOR	2'0" x 3'0"

SPECIFICATION

FOUNDATION R.C.C. FOOTING IN M20 REINFORCED CEMENT CONCRETE R.C. PLINTH BEAM, R.C.C. LINTEL, R.C.C. BEAM, AND ROOF CEMENT CONCRETE SUPER STRUCTURE BRICK WORK IN TABLE MOULDED BRICK Laid WITH PLASTERING IN CM 1:3:12MM THICK FLOORING MOSAIC TILES WOOD WORK BEST INDIAN VENEER PAINTING WALLS 2 COATS OF APPROVED CM PAINT OVER WHITE PRIMER DOORS AND WINDOWS 2 COATS OF APPROVED ENAMEL PAINTS

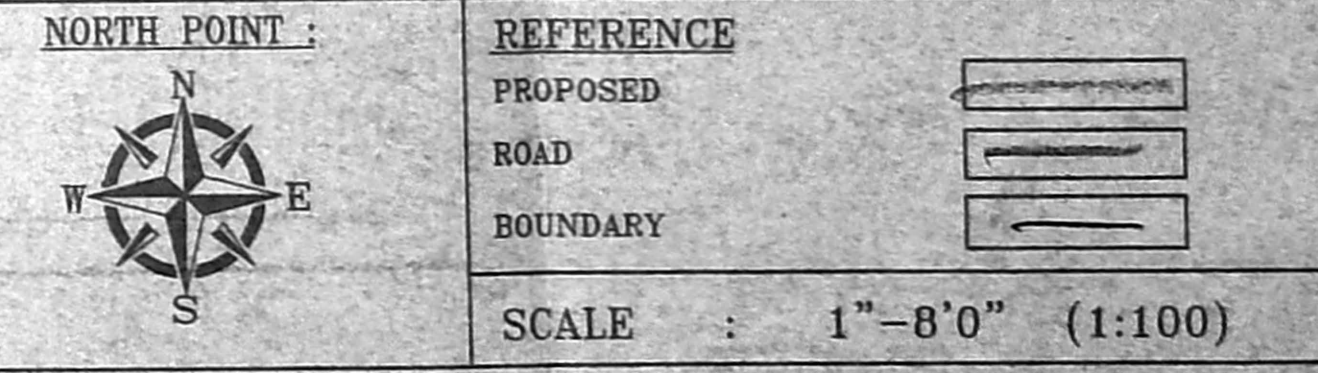
DESIGN OF SEPTIC TANK TO UP FLOW FILTER

NO OF DWELLINGS = 16 Nos.
NO OF USERS = 16 X 5 = 80 PERSONS
RATE OF WATER SUPPLY = 150 / LPH / DAY
FLOW OF SEWAGE/DAY = 80 X 150 = 12000.00 LTS
DETENTION PERIOD = 18Hrs.
TANK CAPACITY = 9000.00 X 18/24 = 9000 LTS
CLEANED EVERY YEAR SO SLUDGE STORAGE CAPACITY AT THE RATIO OF 15.0 LTS. FOR A PERSON PER YEAR
24 X 15 = 360 Lts.
9000+360 = 9360 Lts.
WITH PROVISION FOR FUTURE EXPANTION LET THE TANK CAPACITY BE = 9360 Lts.
PROVIDE SEPTIC TANK SIZE LxRxD = 2.44X1.68X1.5 UP FLOW FILTER
DISCHARGE FOR 80 PERSONS = 80 X 150 = 6000 LTS
VOLUME 60 X 0.25 = 15 M
DEPTH = 1.1-0.3=0.8 M
PLAN AREA REQUIRED = 15/0.8 = 18.75 SQ.MTR
SIZE OF THE FINAL EFFLUENT SUMP 2.8X3.0X2.5
UP FLOW FILTER-1 = 1.4X3.0X2.5
UP FLOW FILTER-2 = 1.4X3.0X2.5

AREA STATEMENT

	SQ.MT.	SQ.FT.
PLOT AREA	790.76	8512.00
STILT FLOOR AREA	31.35	337.50
FIRST FLOOR AREA	307.03	3305.00
SECOND FLOOR AREA	307.03	3305.00
THIRD FLOOR AREA	307.03	3305.00
FOURTH FLOOR AREA	226.21	2435.00
TOTAL FLOOR AREA	1178.67	12687.50

F.S.I:1.49
COVERAGE :39%

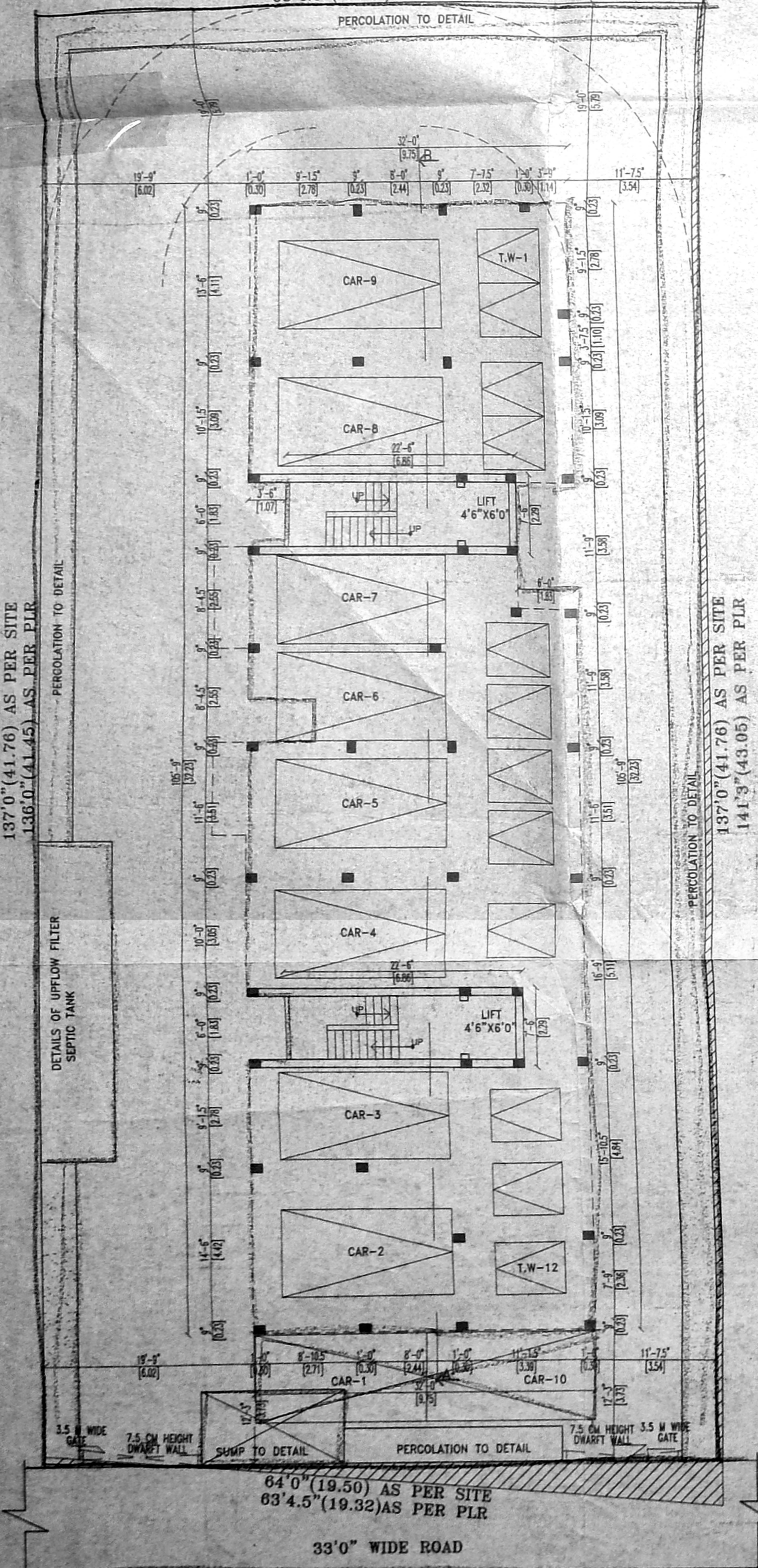


PROPOSED RESIDENTIAL BUILDING AT PLOT NO: S.NO:98/PART (AS PER PATT 98/9, 98/10), OF ATHIPATTU VILLAGE, AMBATTUR MUNICIPALITY, CHENNAI.

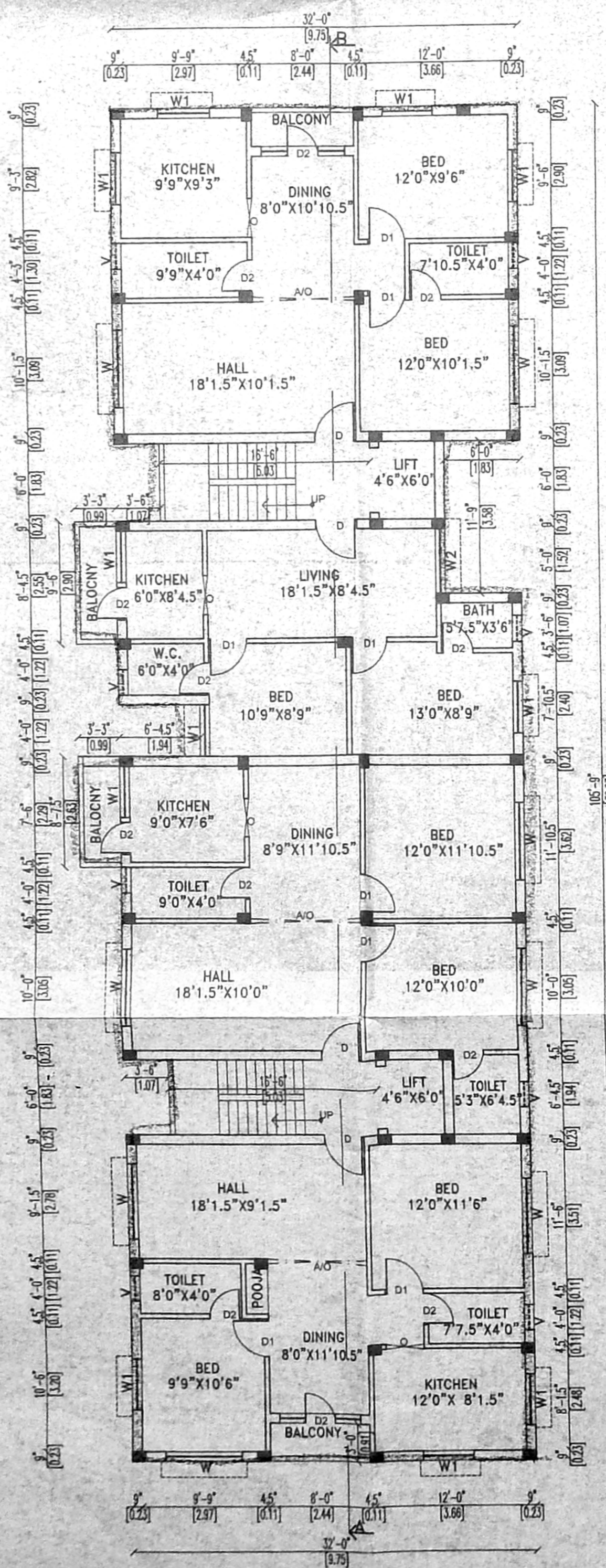
OWNER'S SIGNATURE

E. DURAI RATHNAM, B.E.
LICENSED SURVEYOR
CORPORATION OF CHENNAI
CLASS I No: 63
No. 52, KALLARAI SALAI,
ASTOR NAGAR,
CHENNAI-600 083.

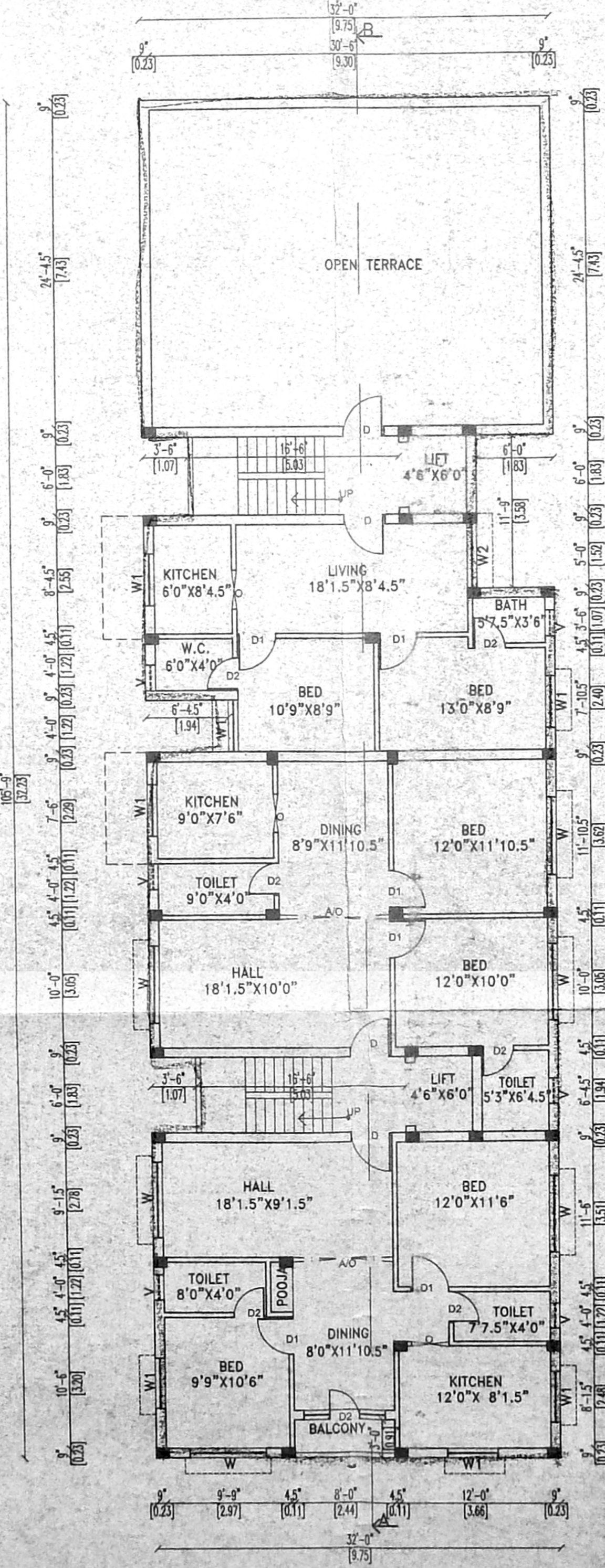
LICENSED SURVEYOR



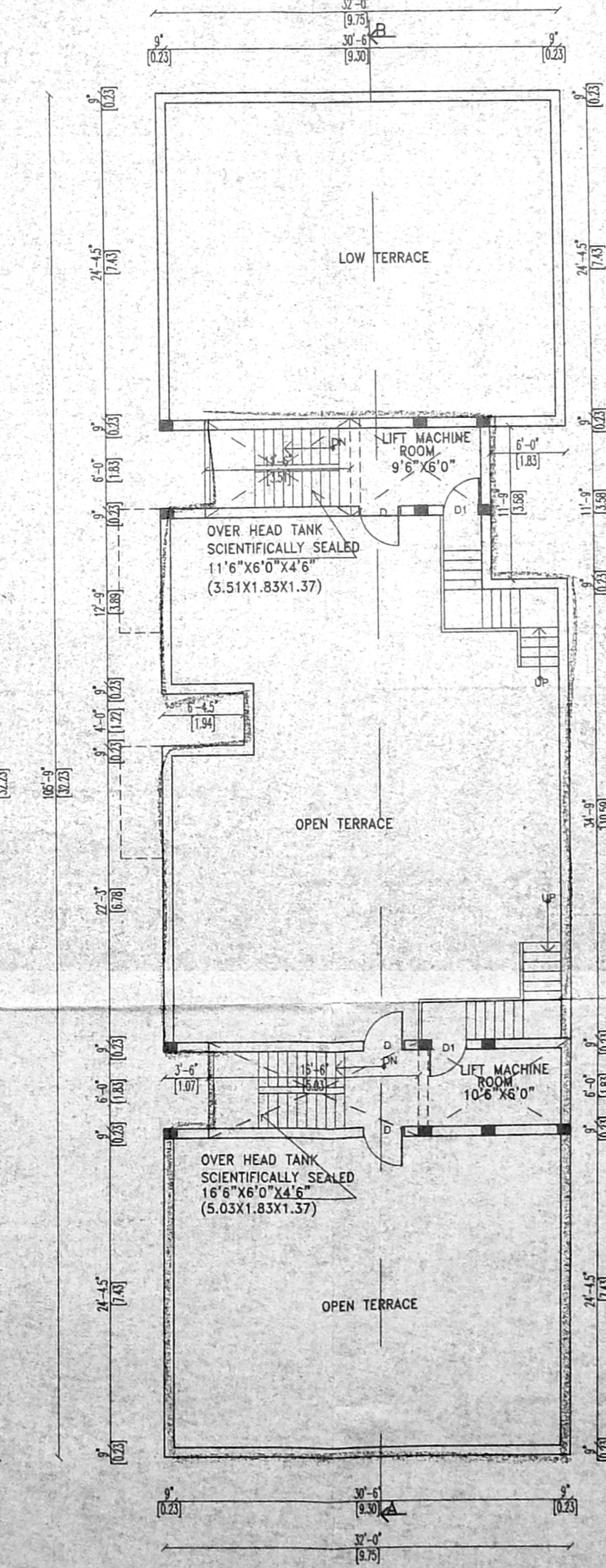
SITE PLAN & STILT FLOOR PLAN



TYPICAL FLOOR PLAN (FIRST, SECOND & THIRD FLOOR PLAN)



FOURTH FLOOR PLAN



TERRACE FLOOR PLAN