

SPECIFICATIONS

FOUNDATION R.C.C COL. FOUNDATION OVER P.C.C 1:4:8 WITH MOSAIC TILES
FLOORING OVER P.C.C 1:4:8 WITH MOSAIC TILES
W.COURSE B.K. JELLY TAID WITH LIME MORTAR
1:4 WITH TWO LAYERS OF PRESSED TILES
S.STRUCTURE B.K IN C.M 1:5
ROOF, R.C.C 1:2:4 4.5" TK.
JOINERY WITH BEST INDIAN TEAK WOOD

JOINERY

MD	MAIN DOOR	1.00 x 2.13
D3	DOOR	0.91 x 2.13
D2	DOOR	0.76 x 2.13
W4	WINDOW	1.22 x 1.37
FD4	FRENCH DOOR	1.22 x 2.13
O	OPENING	0.91 x 2.13
V2	VENTILATOR	0.61 x 0.61

AREA STATEMENT

PLOT AREA (AS PER SITE)	354.00 SQ.M
PLOT AREA (AS PER PATTA)	350.00 sq.m
GROUND FLOOR AREA	125.18
FIRST FLOOR AREA	139.24
SECOND FLOOR AREA	139.24
TOTAL	403.66 SQ.M
TOTAL BUILT UP AREA (F.S.I + HEAD ROOM)	418.984 SQ.M
ACHIEVED FSI AREA	405.66 SQ.M
ALLOWABLE FSI AREA (as per patta)	525.00 sq.m
ACHIEVED FSI	1.15
ALLOWABLE FSI	1.50
ACHIEVED PLOT COVERAGE	40 %
ALLOWABLE PLOT COVERAGE	65 %

TWO WHEELERS PARKING PROVIDED

COLOUR INDEX

PROPOSED	
BOUNDARY	
ROAD	
SEWER	

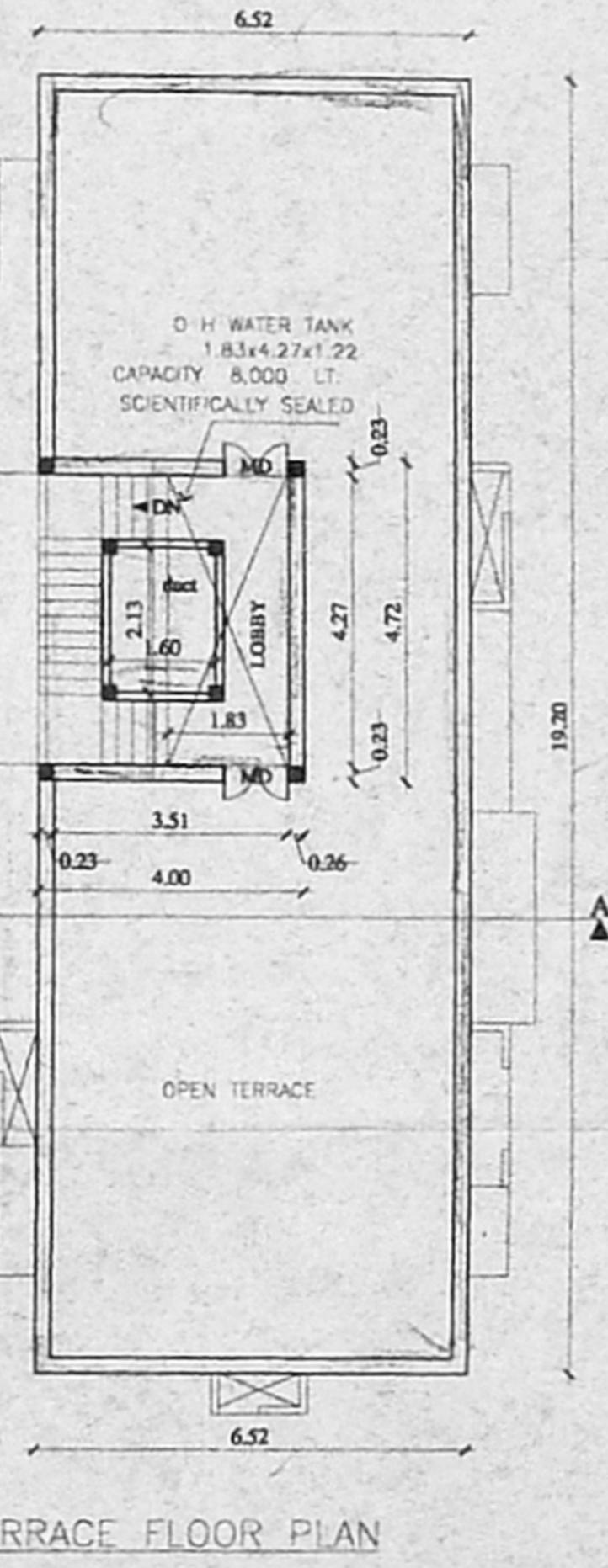
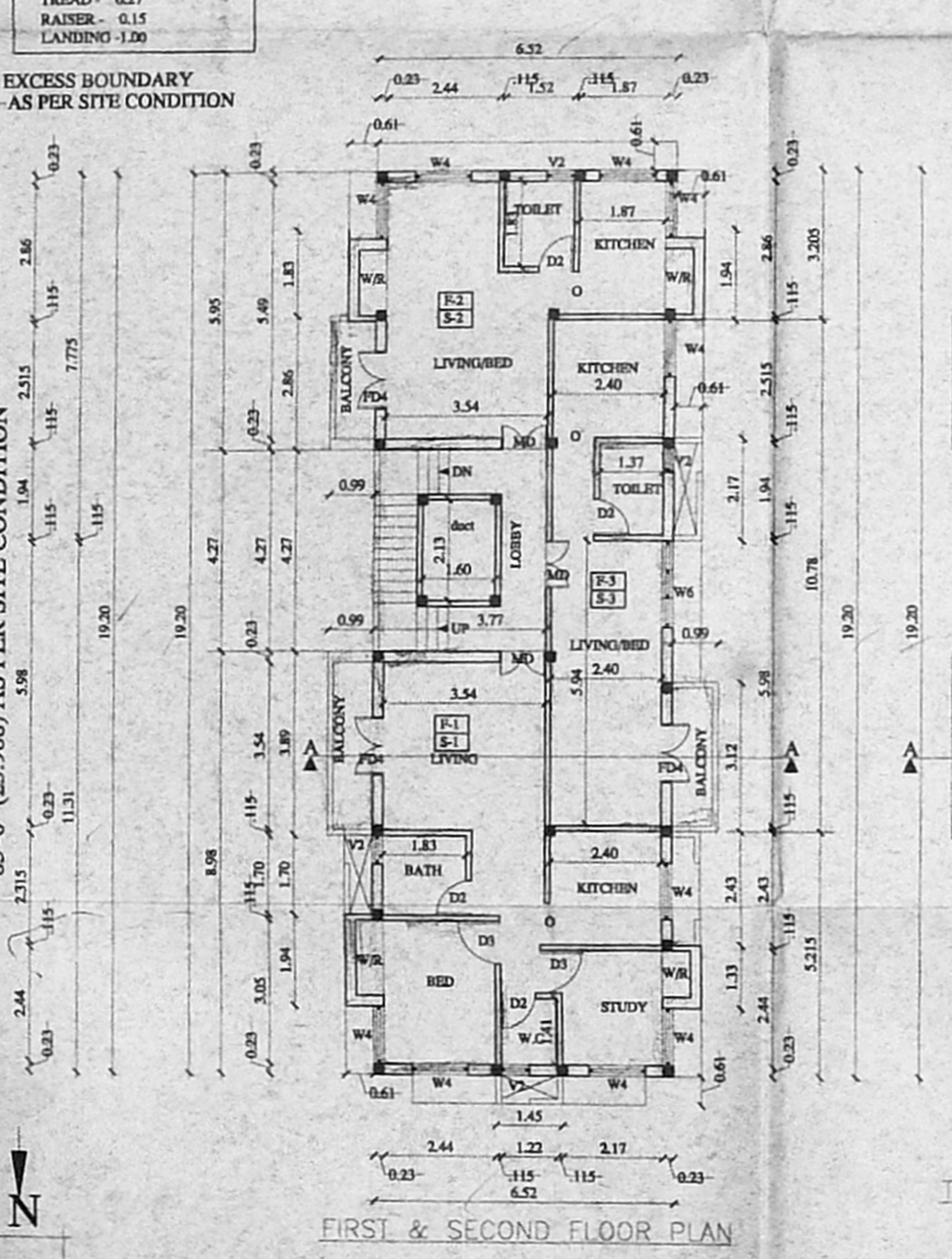
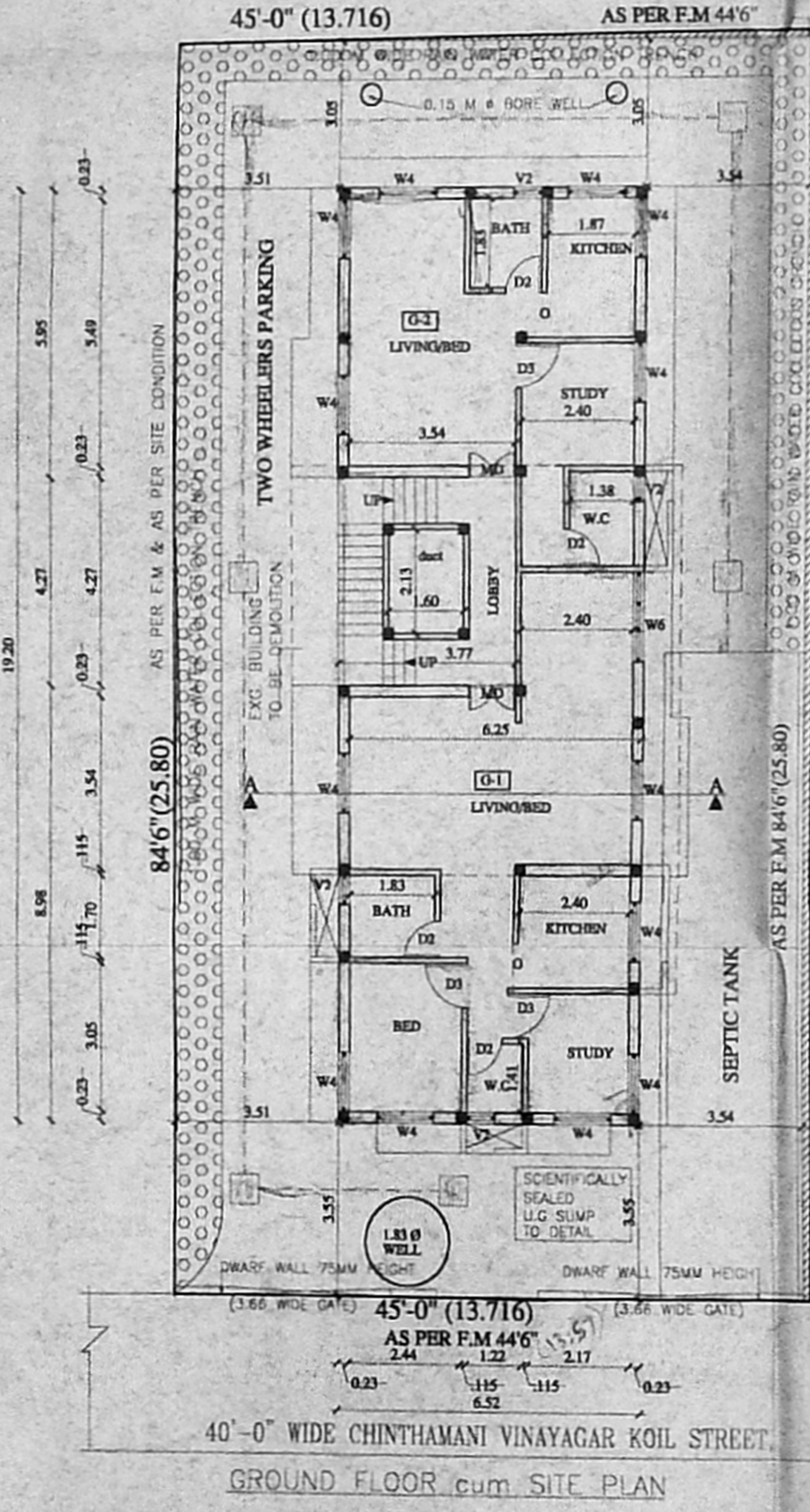
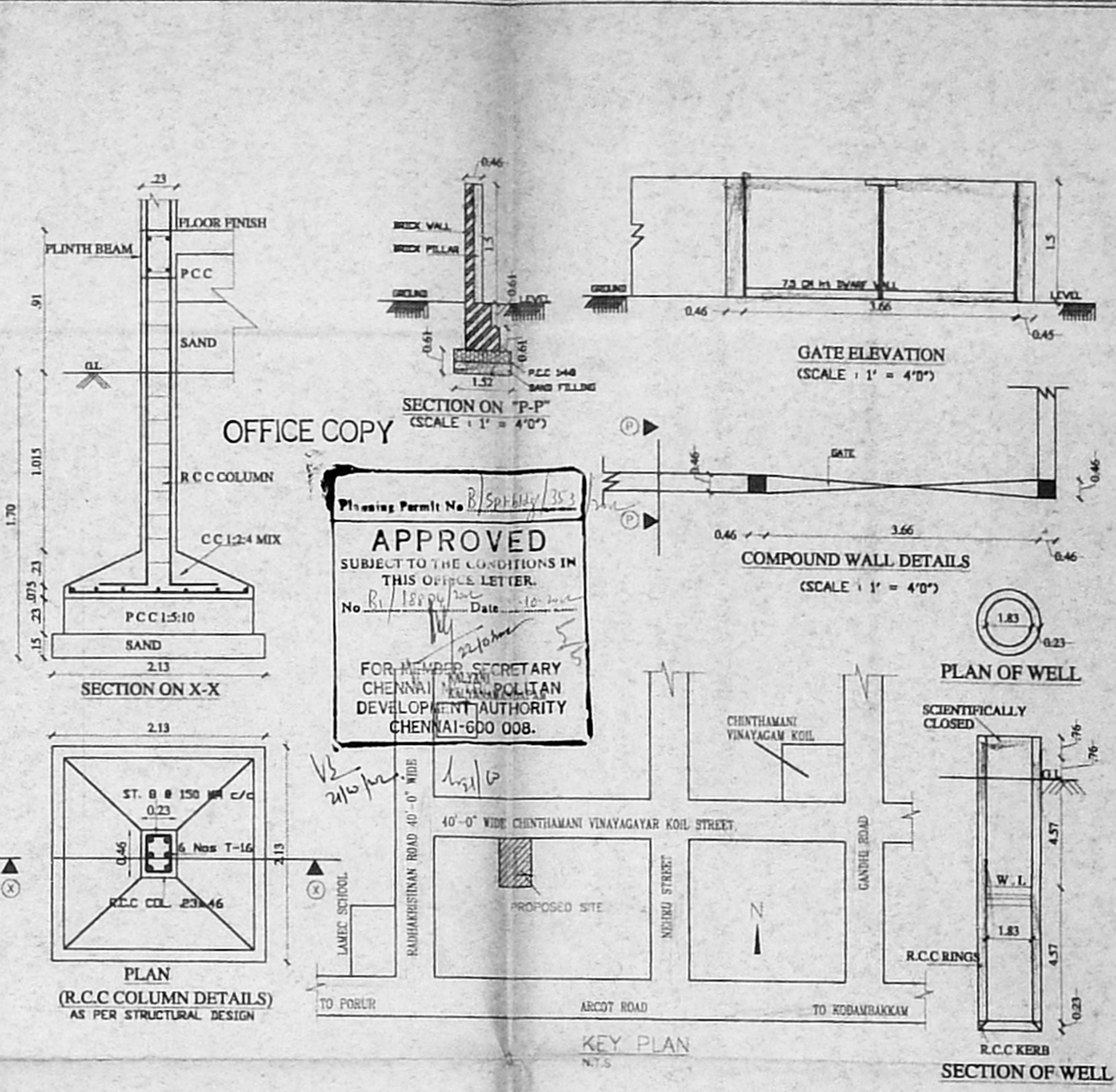
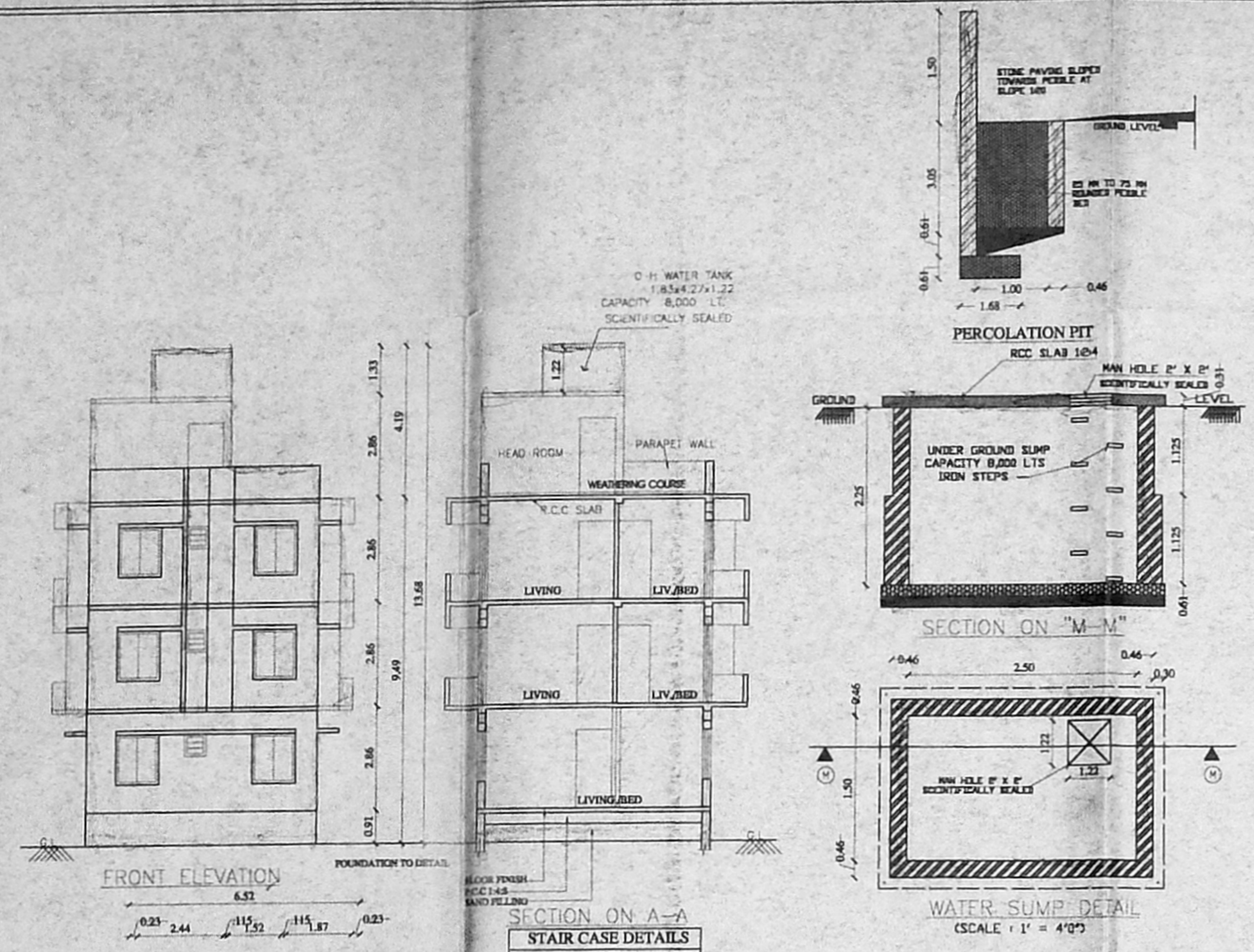
PLAN SHOWING THE PROPOSED CONSTRUCTION OF A RESIDENTIAL BUILDING AT PLOT No 35, DOOR No.16,

40'-0" WIDE CHINTHAMANI VINAYAGAYAR KOIL STREET, RAMAKRISHNA NAGAR, VALASARAVAKKAM, CHENNAI S.No 116 / 2 (PATTA No 510), PATTA S.No 116/2A1A1A1A1A1A1A/1P VALASARAVAKKAM, TOWN PANCHAYAT, AMBATHUR TALUK, THIRUVALLUR DISTRICT, LAY OUT APPROVED LPDM / DTP No. 1/67

SCALE = 1:100, 1"=8'0"

OWNER

M. KARTHIKEYAN
C. 55-1, LICENSED SURVEYOR No. 553
NO. 196, AGATHAR STREET
ALWARTHUR NAGAR
CHENNAI-600087
C: 4862854, 4853447
LICENSED SURVEYOR



DESIGN CHART

No of DWELLINGS	8.00 Nos
NO OF USERS (ASSUMED)	8.00 x 1.00 = 8.00
ASSUME A STANDARD 2 Nos OF FIXTURE UNIT PER DWELLING	8.00 x 2.00 = 16.00
TOTAL NUMBER OF FIXTURE UNIT	16.00 x 6.00 = 96.00
ASSUME A PEAKING FACTOR OF 6 L.P.M / FIXTURE UNIT	

SEPTIC TANK

SURFACE AREA REQUIRED FOR THE SEPTIC TANK	96.00 x 0.92 = 8.832
VOLUME OF FREE BOARD	8.832 x 0.30 = 2.6496 M CUBE
VOLUME OF FREE SEDIMENTATION	8.832 x 0.30 = 2.6496 M CUBE
VOLUME OF SLUDGE	40.00 x 365 days x 0.0002 = 2.92 M CUBE
TOTAL VOLUME	8.2192 M CUBE (SAY 10 M CUBE)
TOTAL VOLUME OF TANK	10.00 M CUBE
WE ARE PROVIDING ONE TANK OF 10 M CUBE	
TOTAL VOLUME	10.00 M CUBE
AREA OF SEPTIC TANK	12.50 (5.0 x 2.50)
DEPTH OF SEPTIC TANK	10.00 0.80 M
(BUT WE ARE PROVIDING DEPTH AS 1.10 m)	
SIZE OF SEPTIC TANK	5.0 M x 2.50 M x 1.10

UPFLOW FILTER

CAPACITY FOR PEAK GRAVITY	170.00 x 0.045 = 7.65 M CUBE
DEPTH ASSUMED	0.80 M (MINIMUM)
AREA OF FINAL EFFLUENT SUMP	7.65 9.56 sq.m
	0.80
SIZE OF FINAL EFFLUENT SUMP	2.75 x 4.00 x 0.80
SIZE OF UPFLOW FILTER No 1	2.00 x 4.00 x 0.65
SIZE OF UPFLOW FILTER No 2	2.00 x 4.00 x 0.50

