

PLOT NO: 7, KALAINAR STREET, SUSELLA NAGAR, KOVILAMBAKKAM VILLAGE, IN OLD S.NO: 150/3 & 150/4 (AS PER DOCUMENT)
R.S NO: 150/10 (AS PER PATT)
SHOLINGANALLUR TALUK, KANCHEEPURAM DISTRICT. ST. THOMAS MOUNT PANCHAYATH UNION, LIMITS

SPECIFICATION

SAND FILLING FOR FOUNDATION AND BASEMENT
 P.C.C 1:4:8 FOR FOUNDATION AND BASEMENT
 9" BRICK WORK WALLS IN CM. 1:5
 4.5" BRICK WORK WALLS IN CM. 1:3
 ALL COLUMN, BEAMS & SLABS ARE IN CC 1:2:4
 ALL R.C.C WORKS M 25 GRADE CONCRETE
 CEILING PLASTERING IN CEMENT MORTAR 1:5
 WEATHERING COURSE USING BRICK JELLY & LIME CONCRETE IN 1:3 RATIO
 CLAY TILES IN TERRACE FLOOR USING CM 1:4
 WALLS & CEILING WITH CEMENT PAINT
 DOORS & WINDOWS WITH ENAMEL PAINT
 CERAMIC FLOORING IN CM 1:3

JOINERY DETAIL

TYPE	DESCRIPTION	SIZE IN METRE
M.D	MAIN DOOR	1.00 X 2.10
D1	DOOR	0.91 X 2.10
D2	DOOR	0.75 X 2.10
F.D	FOLDING DOOR	1.80 X 2.10
W	WINDOW	1.80 X 1.20
W1	WINDOW	1.20 X 1.20
W2	WINDOW	0.75 X 1.20
W3	WINDOW	0.60 X 1.20
F.W	WINDOW	1.80 X 1.80
V	VENTILATOR	0.75 X 0.60

SCALE 1:100

COLOUR INDEX

PROPOSED	ROAD	BOUNDARY

AREA STATEMENT

DESCRIPTION	AREA IN SQ.M	
PLOT EXTENT	400.00 sq.m	
AS PER PATT	400.00 sq.m	
AS PER SITE	418.06 sq.m	
AS PER DOCUMENT	418.06 sq.m	
FSI AREA	NON FSI AREA	5% NON FSI BALCONY
188.10		
STILT FLOOR PARKING NON FSI		
FIRST FLOOR	199.43	9.17
SECOND FLOOR	199.43	9.17
THIRD FLOOR	199.43	9.17
TOTAL	598.29	27.51
F.S.I	1.496	

செ. சி. கதிர்சாமி
 15/12/16
 16/16

OWNER

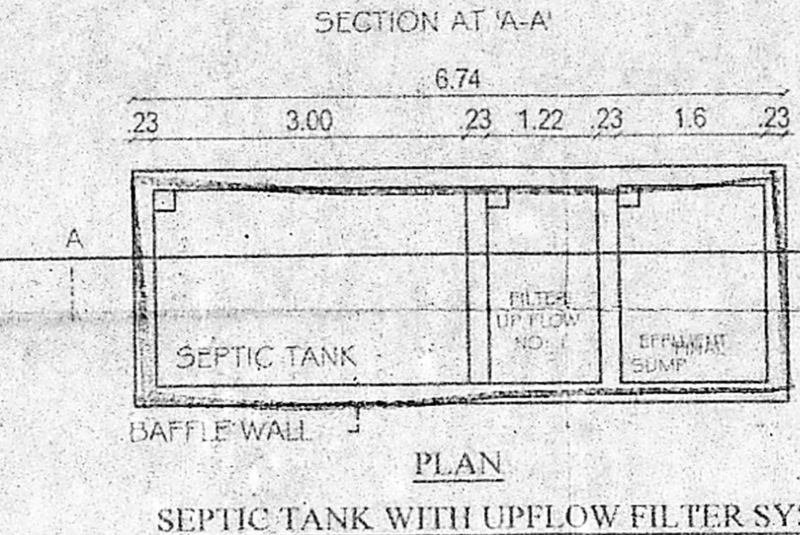
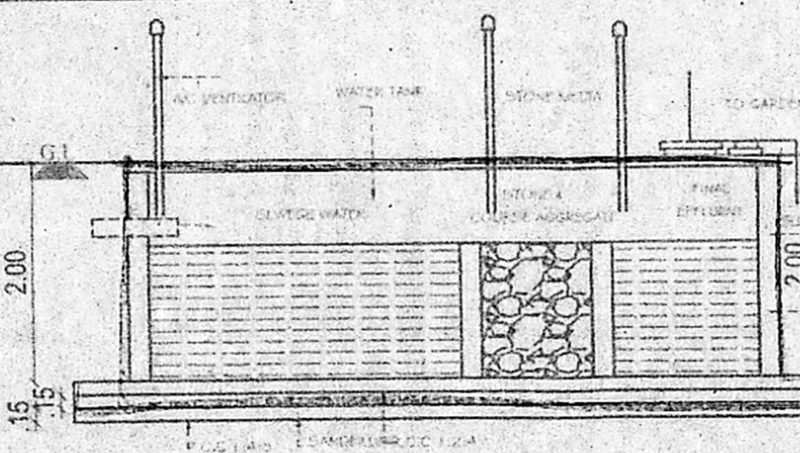
E. C. KATHIRSAAMI, B.E., MIE, FIV
 Chartered Civil Engineer
 Stability Certificate For Factory Buildings
 CLASS - II Licensed Surveyor - 1, 44/3
 No. 118, Avanavaram Salai, TV Nagar,
 Chennai 600 023 Cell 98031 72908

LICENSED SURVEYOR

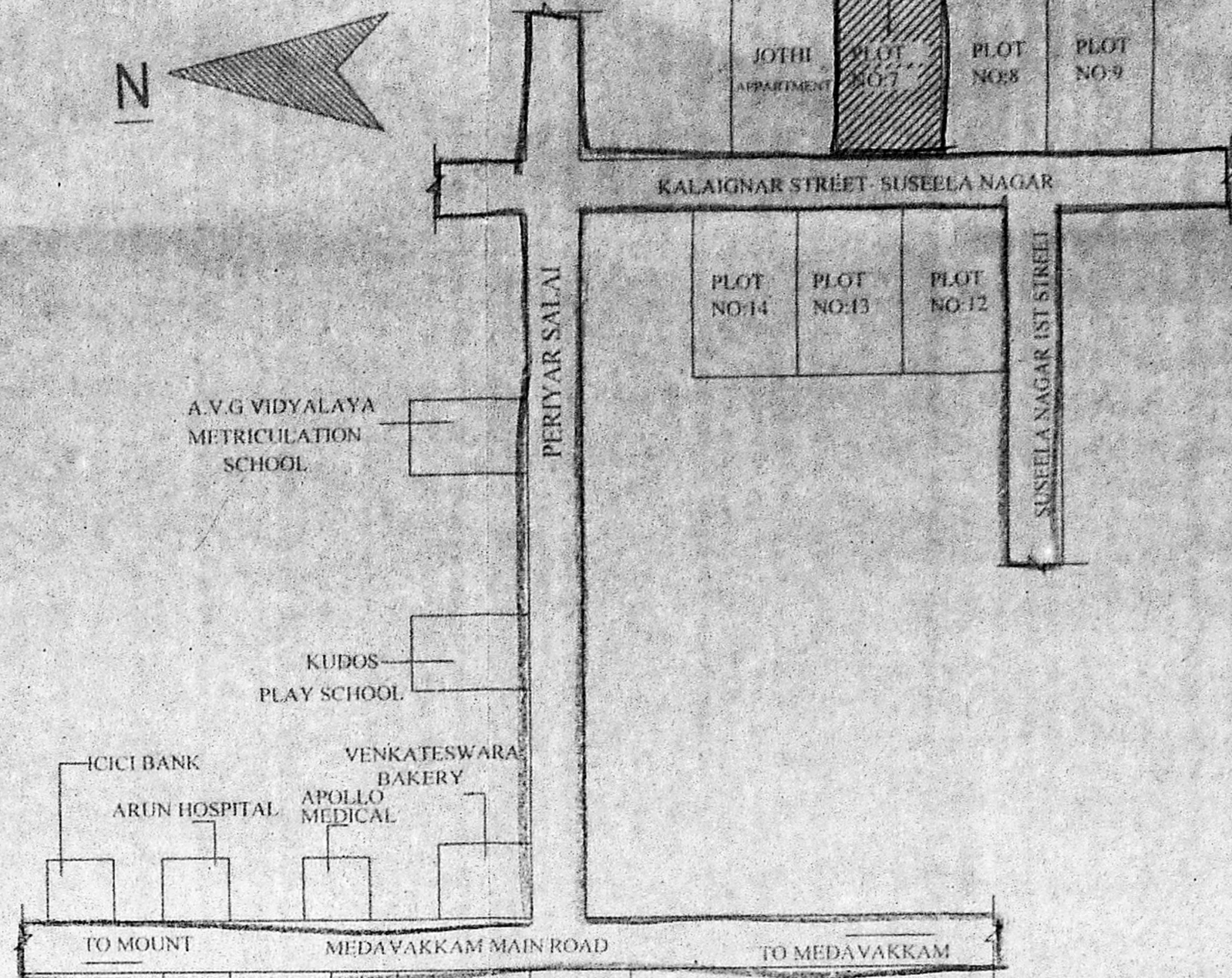
DESIGN CHART

NO. OF DWELLINGS - 6 NOS
 NO. OF USERS - 6 X 5 = 30
 NO. OF FIXTURES IN UNITS - 12 NOS
 DISCHARGE ASSUMING RINGS
 FACTOR OF 6 LPM/D - 12 X 6 = 72 LPM
 SEPTIC TANK SURFACE AREA - 72 X 0.92 = 6.63
 VOLUME OF FREE BOARD - 6 X 0.3 = 1.80 M³
 VOLUME OF SEDIMENTATION - 6 X 0.3 = 1.80 M³
 VOLUME OF DEPOSITION - 72 X 0.032 = 2.30 M³
 VOLUME OF SLUDGE - 72 X 365 X 0.0002 = 5.25 M³
 TOTAL VOLUME = 11.15 M³
 SIZE OF SEPTIC TANK 3.00 X 2.00 X 2.00M = 12.00 M³

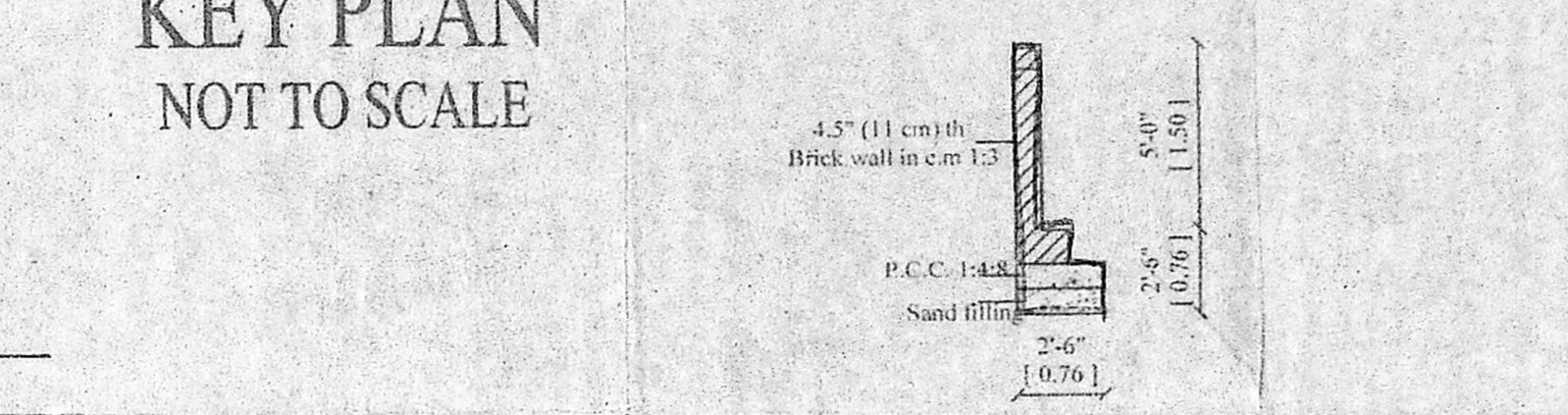
UPFLOW FILTER
 PEAK DISCHARGES FOR 72 LPM
 VOLUME 72 X 0.043 = 3.09
 TAKE DEPTH = 2.00
 AREA REQUIRED = 3.09 / 2.00 = 1.54
 SIZE OF UPFLOW FILTER 1 = 1.22 X 2.00 X 2.00
 THE CLEAN OUTLET WATER FROM THE UP FLOW FILTER SHALL BE USED FOR GARDENING



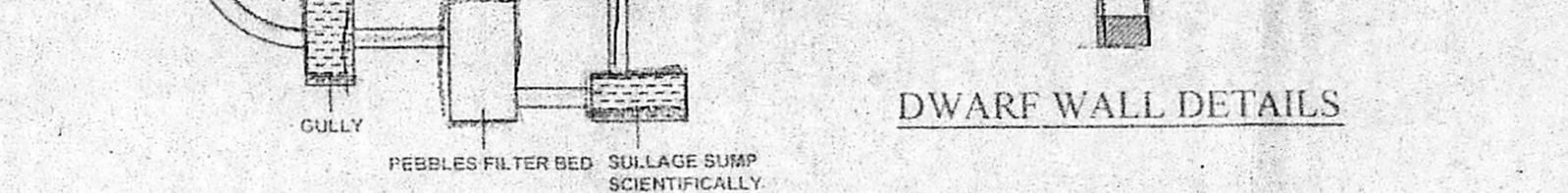
SEPTIC TANK WITH UPFLOW FILTER SYSTEM



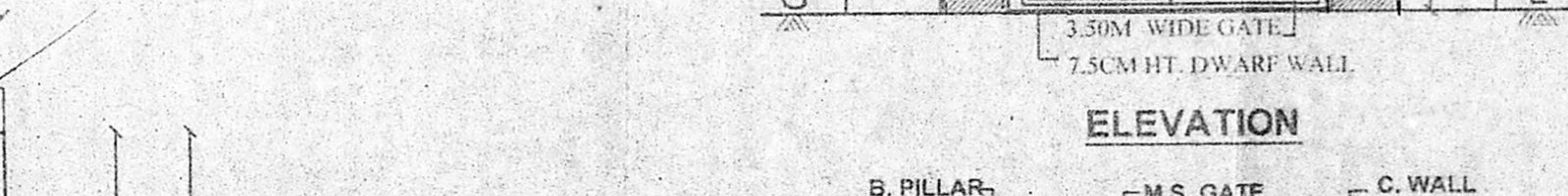
KEY PLAN NOT TO SCALE



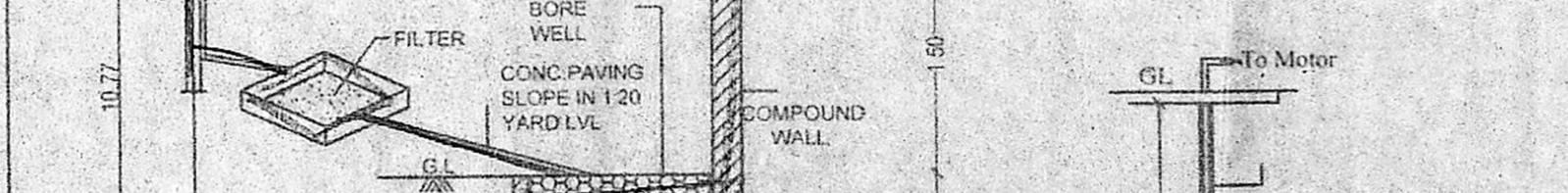
SECTION OF COMPOUND WALL



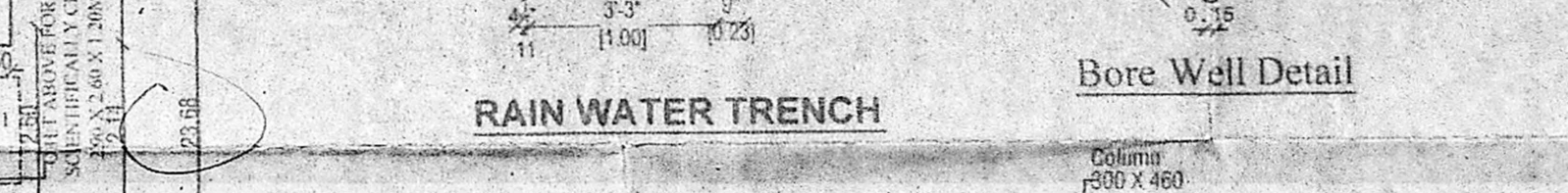
DWARF WALL DETAILS



PLAN COMPOUND WALL & GATE DETAILS



Bore Well Detail



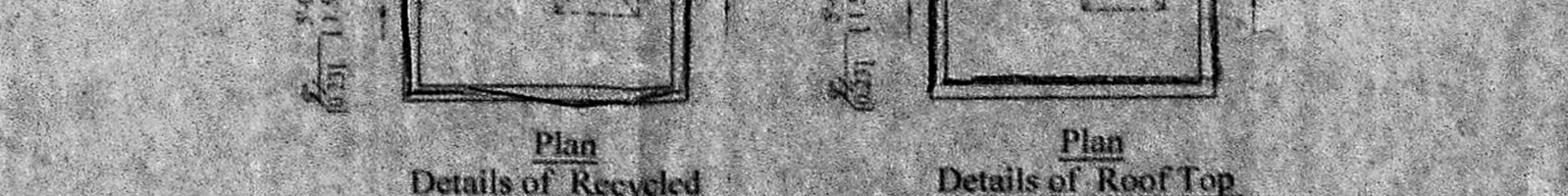
RAIN WATER TRENCH



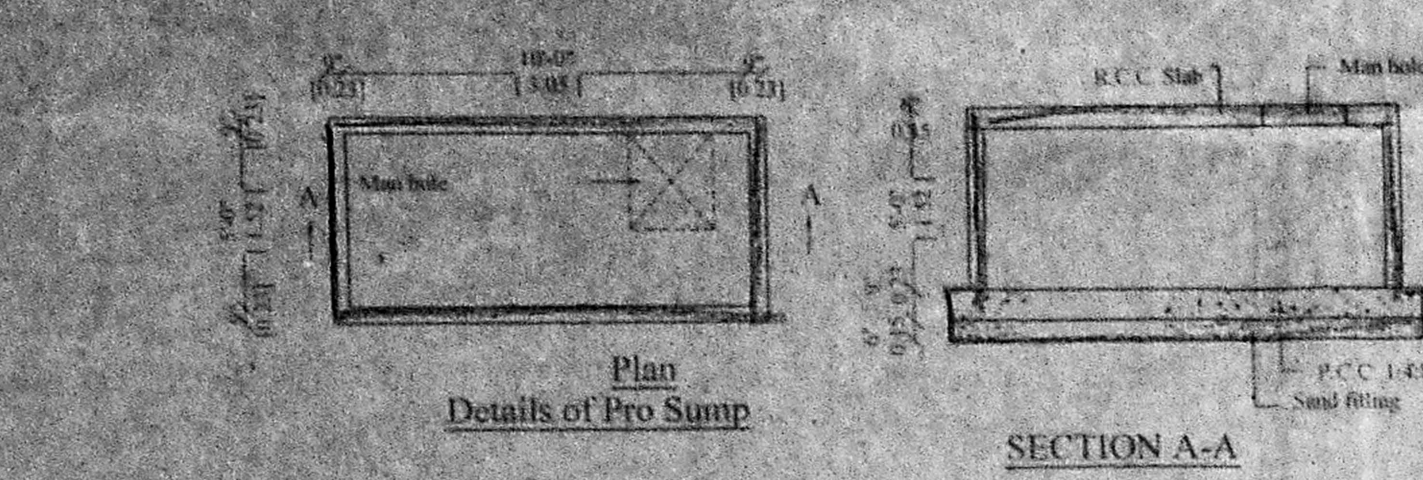
PLAN OF FOOTING



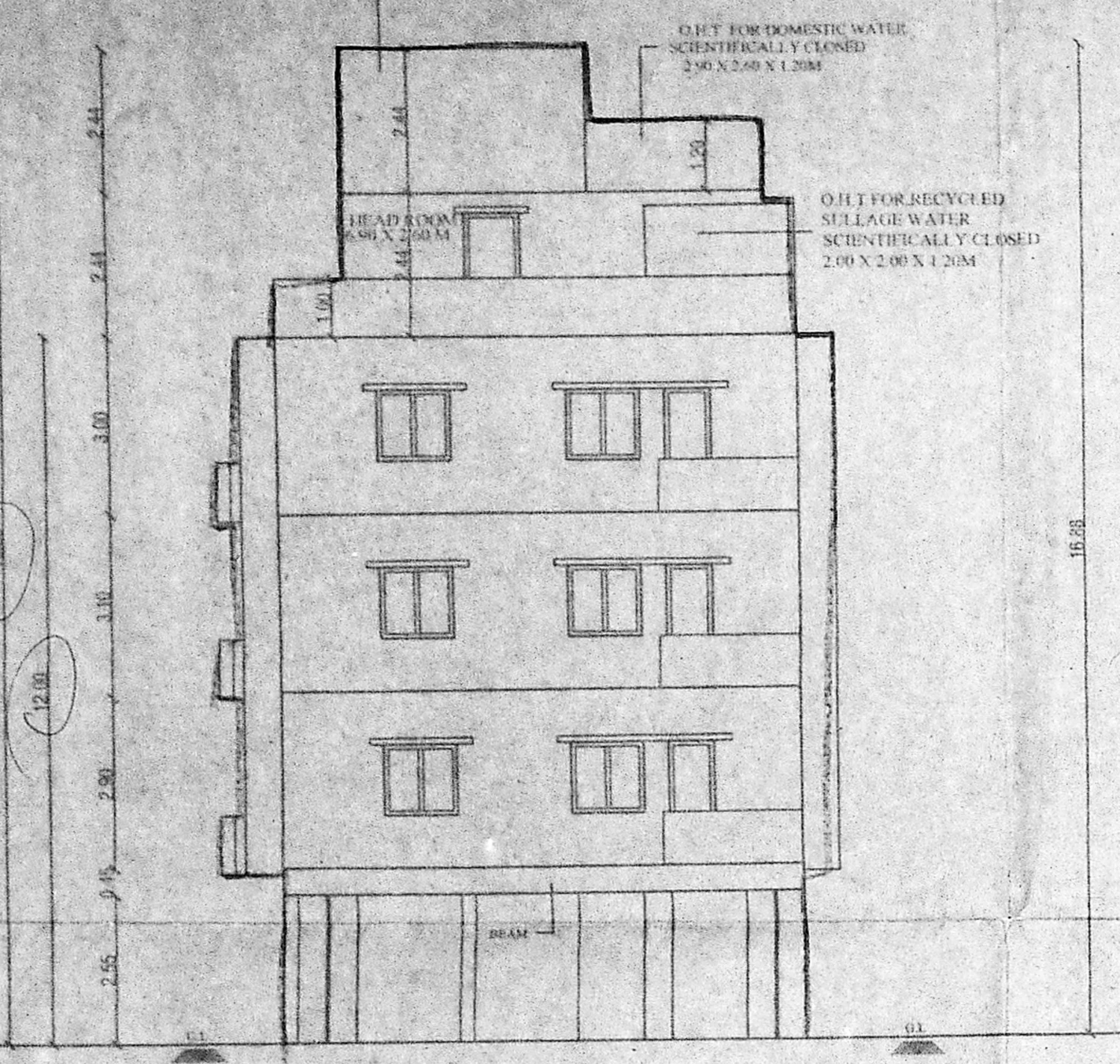
SECTION A-A Plan Details of Recycled Sullage Water Sump



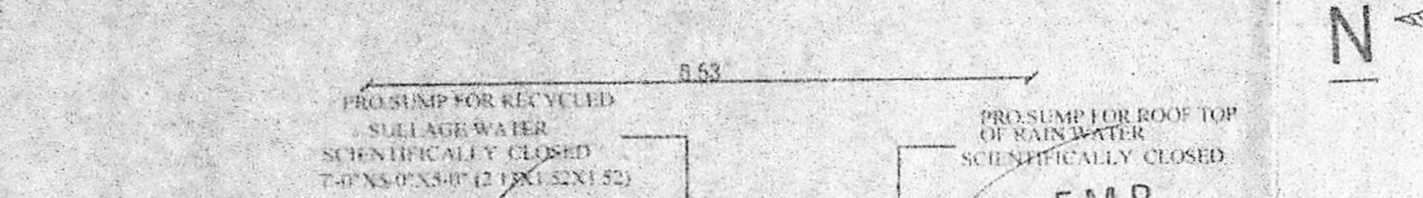
SECTION A-A Plan Details of Rain Water Sump



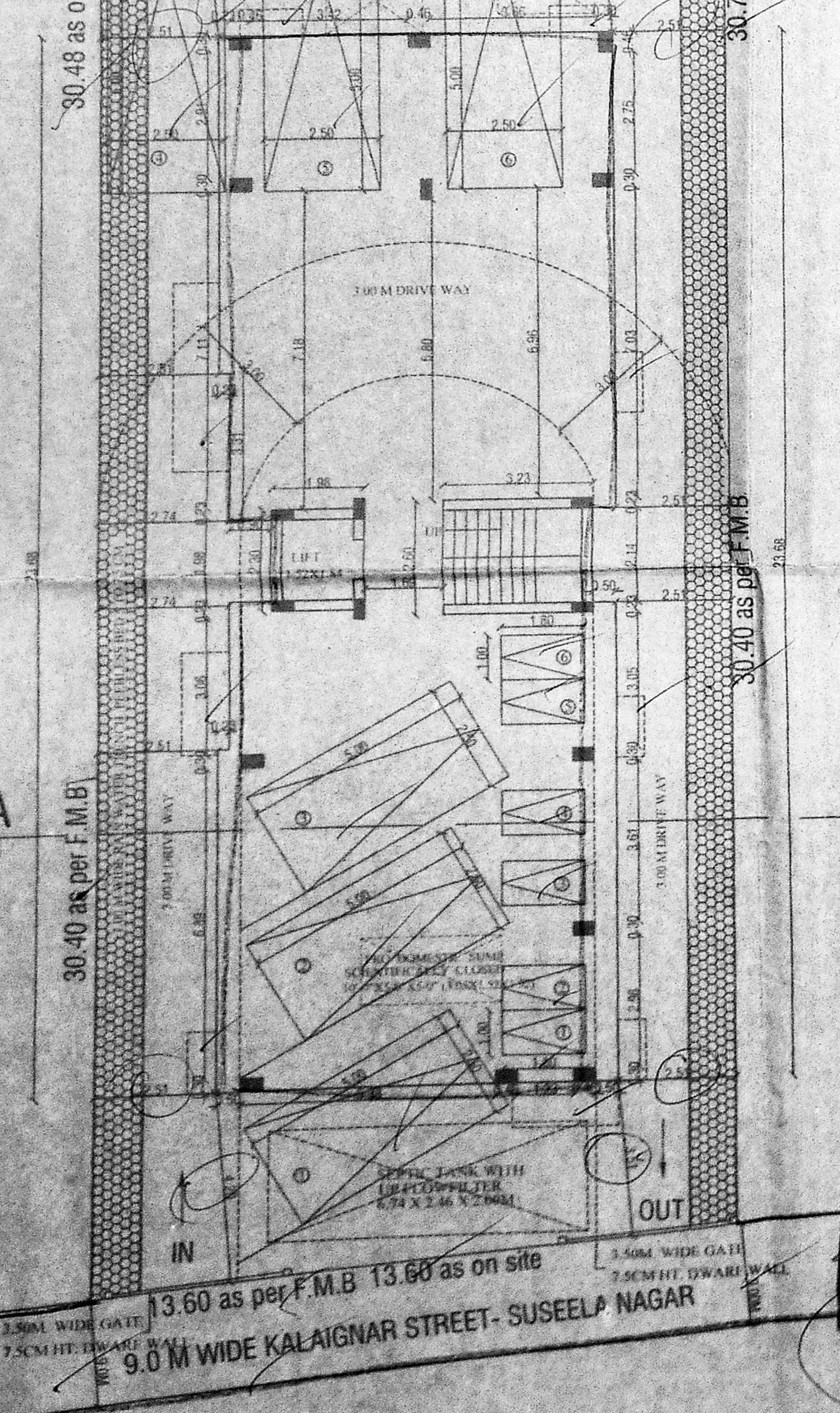
Plan Details of Pro Sump SECTION A-A



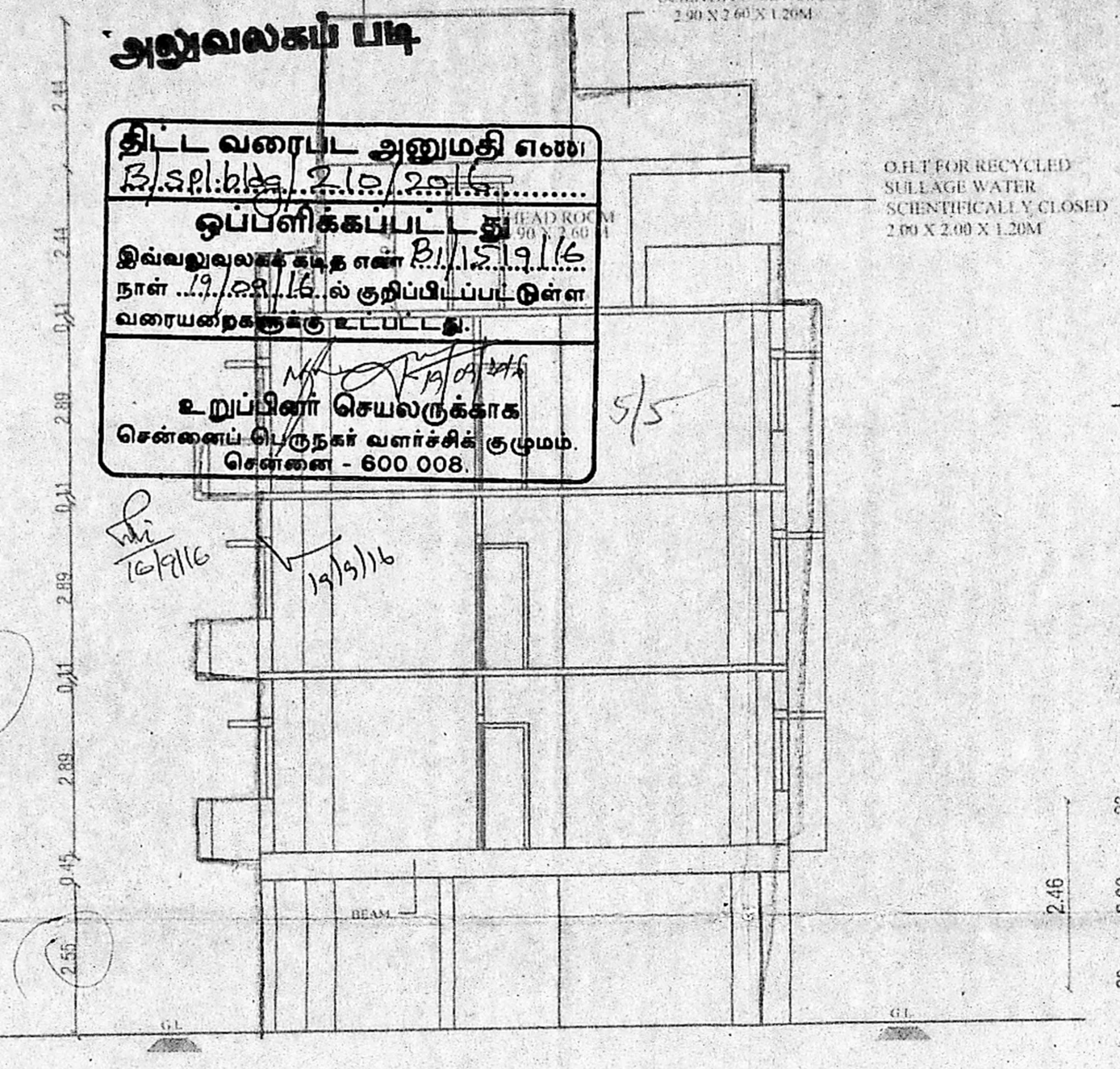
ELEVATION



SECTION A-A



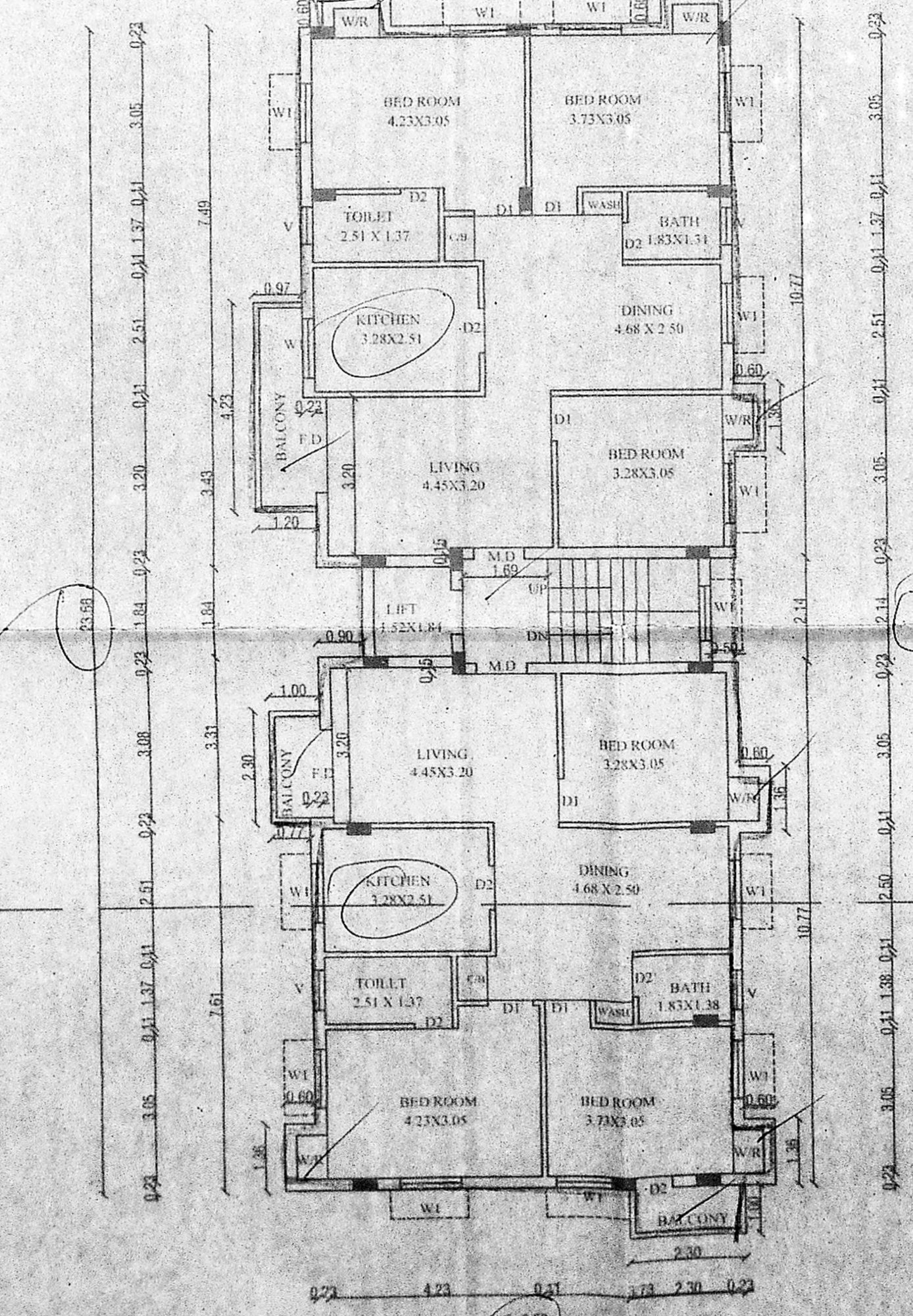
SITE CUM STILT FLOOR PLAN



SECTION A-A



TYPICAL FLOOR PLAN FIRST, SECOND & THIRD



TERRACE FLOOR PLAN

FF = 2.60
 SF = 2.00
 TF = 2.00
 GPO