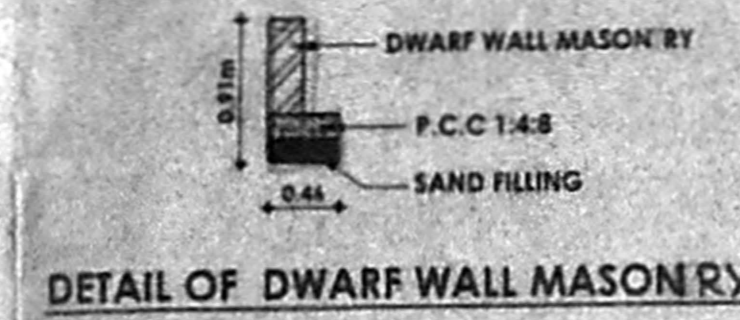
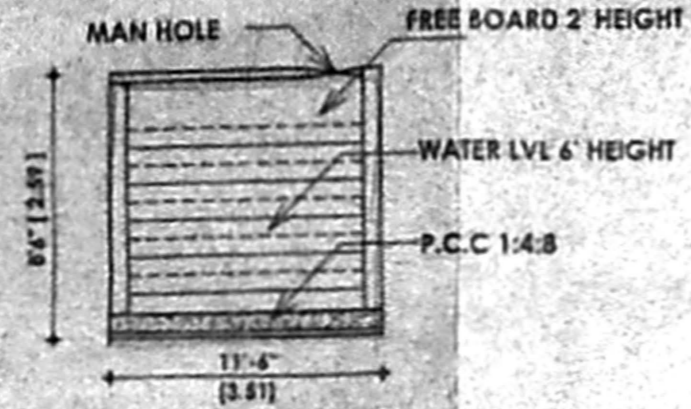


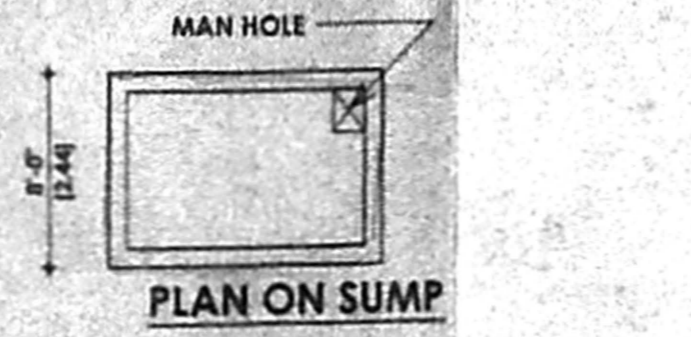
CROSS SECTION OF RECYCLING



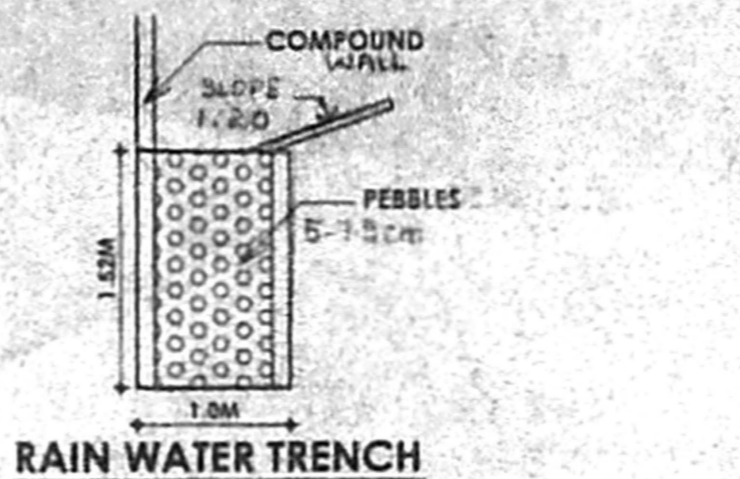
DETAIL OF DWARF WALL MASONRY



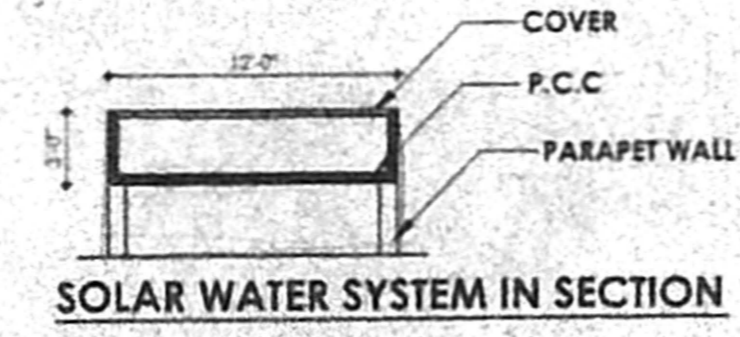
SECTION MAN HOLE



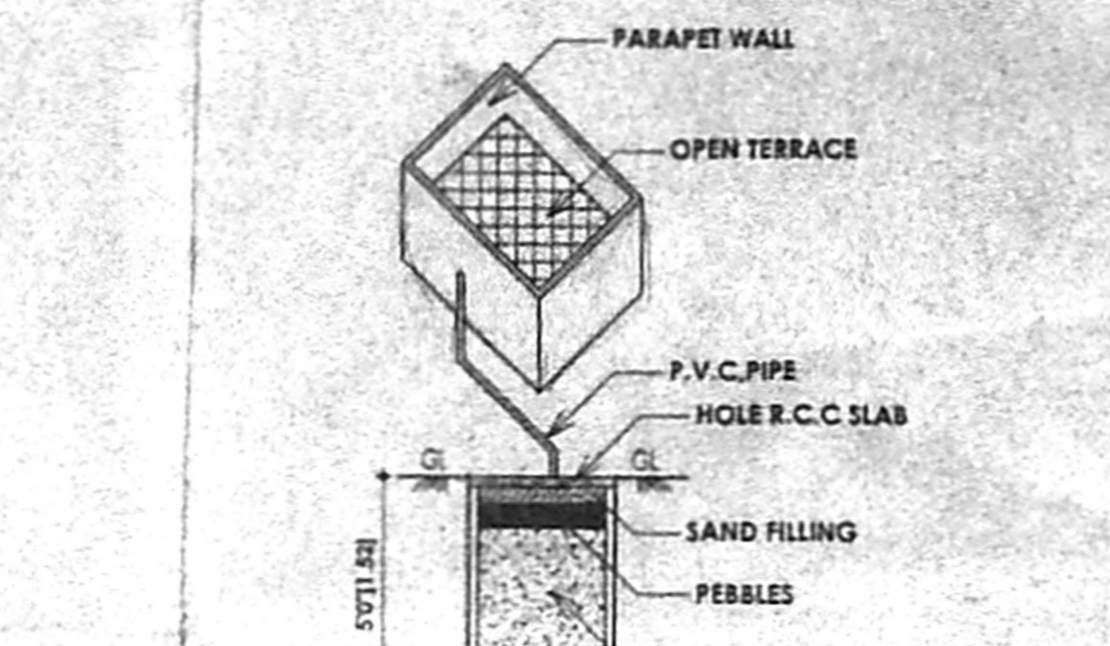
PLAN ON SUMP



RAIN WATER TRENCH



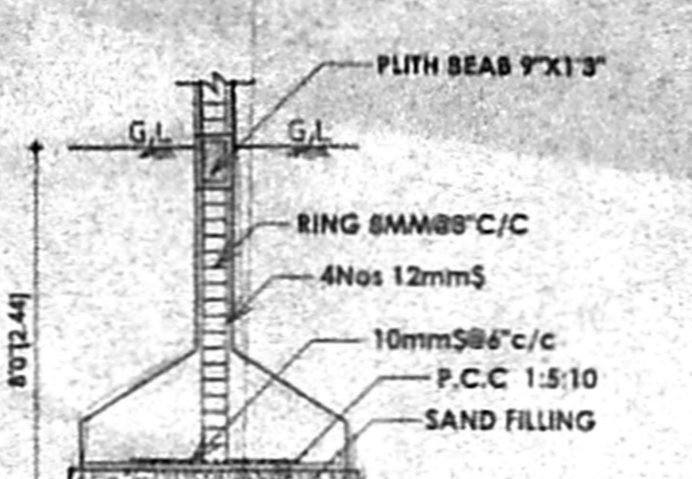
SOLAR WATER SYSTEM IN SECTION



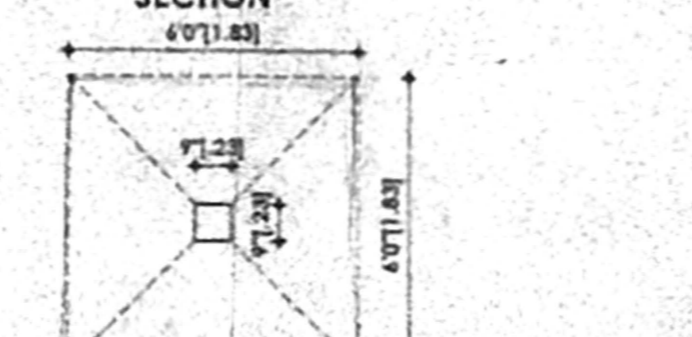
COLLECTION SUMP FOR HARVESTING FOR TERRACE



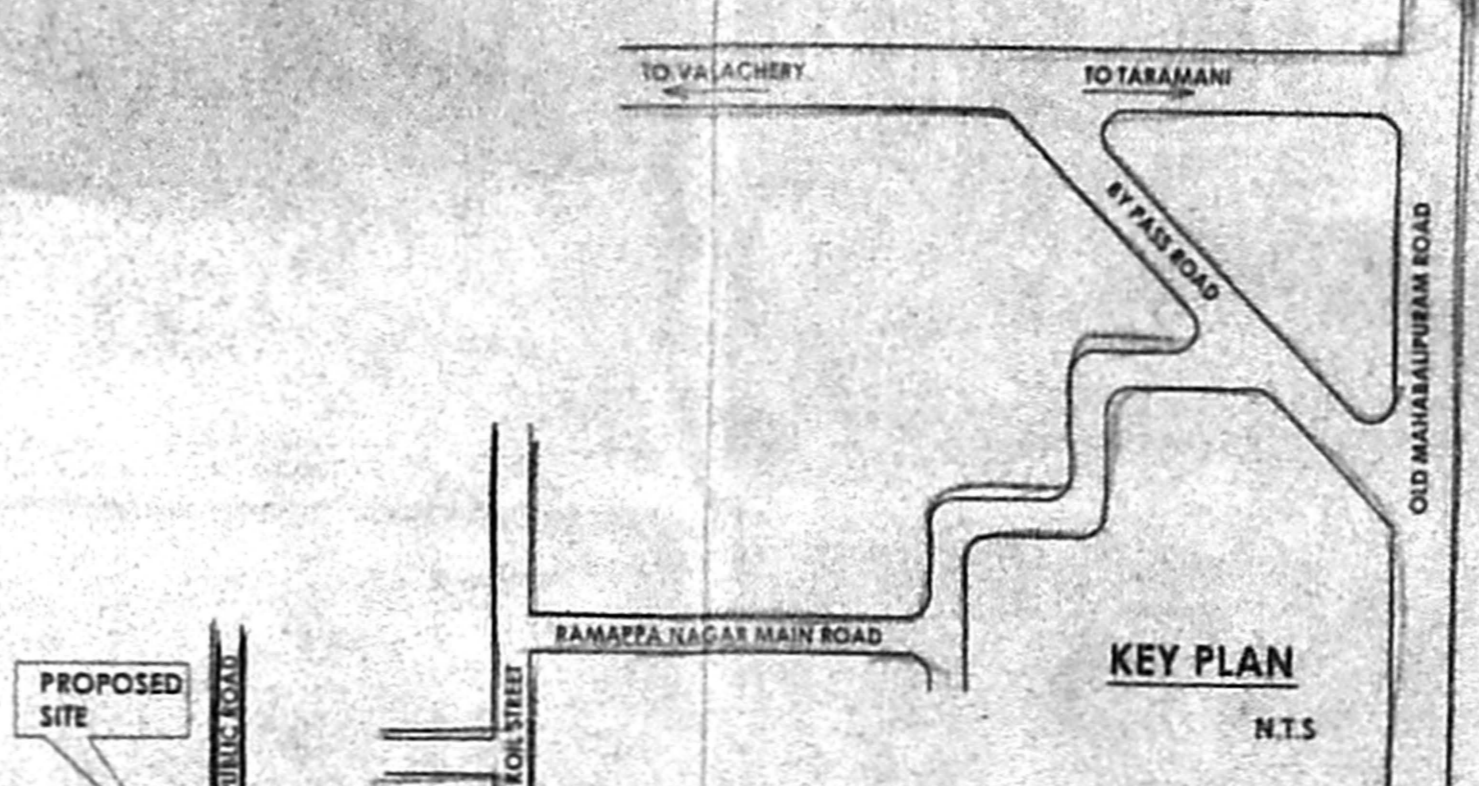
DETAILS OF GATE AND WALL



SECTION



PLAN FOUNDATION DETAIL



KEY PLAN

PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO. 7 AND 8, SURVEY NO. 101 PART [DOCUMENT] 101/2 (AS PER PATTAL) AND APPROVAL BY CMDA WIDE REFERENCE PPD/L.O.NO. 50/2005, DATED 27.06.2005, PANCHAYAT LINK ROAD, PERUNGUDI VILLAGE PERUNGUDI CHENNAI 600096.

**SPECIFICATION**  
 FOUNDATION : R.C.C COLUMN FOOTING  
 BRICK WORK : CM 1:4 FOR SUPER STRUCTURE  
 PLASTERING : CM 1:5 FOR WALLS & 1:3 FOR CEILING  
 FLOORING : MOSAIC FLOORING  
 CEMENT PAINT : TWO COAT FOR WALLS AND ONE EXTRA COAT FOR CEILING  
 R.C.C : 1:2:4 FOR SLAB AND LINTELS  
 WOOD WORK : ALL WOOD WORKS IN BEST QUALITY TIMBER  
 WEATHERING : BRICK JELLY LIME MORTAR OVER ROOF SLAB COURSE ONE LAYER OF COUNTRY TILES

**SCHEDULE OF JOINERY:**

TYPE	DETAIL	WIDTH/HEIGHT
M.D	C.W. PANUELLED DOOR	3'-6"X7'-0"
D	-DO-	3'-0"X7'-0"
D	-DO-	2'-6"X7'-0"
W	C.W. PANUELLED DOOR	5'-0"X4'-6"
W1	C.W. GLAZED WINDOW	4'-0"X4'-6"
V	GLAZED VENTILATOR	2'-0"X2'-0"

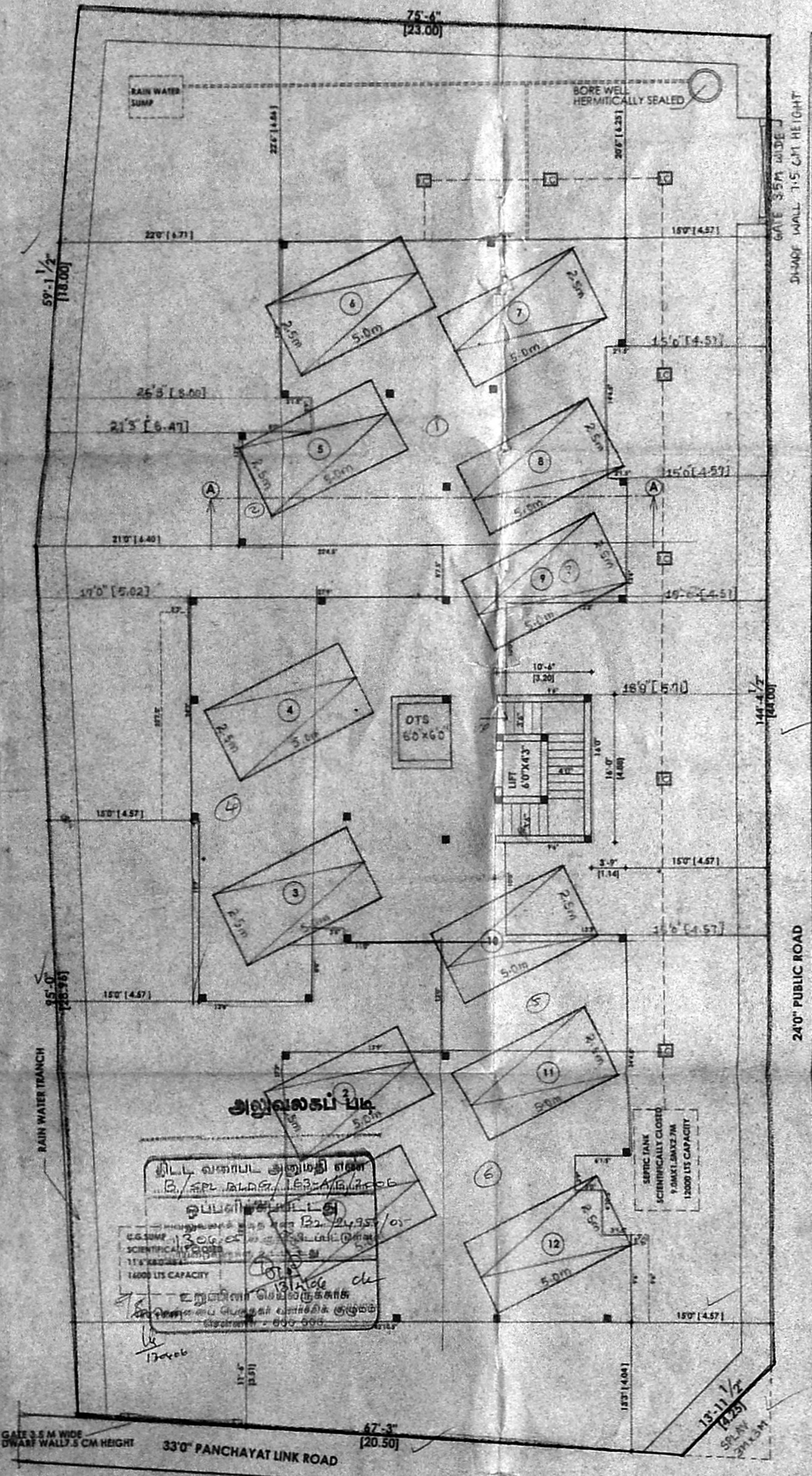
**AREA STATEMENT SQ. M**

PLOT EXTENT:	1160.00SQM
SUIT FLOOR:	15.81SQM
FIRST FLOOR AREA:	408.66SQM
SECOND FLOOR AREA:	408.66SQM
THIRD FLOOR AREA:	408.66SQM
FOURTH FLOOR AREA:	408.66SQM
TOTAL FLOOR AREA:	1688.25SQM
F.S.I	1.5
PLOT COVERAGE	27%

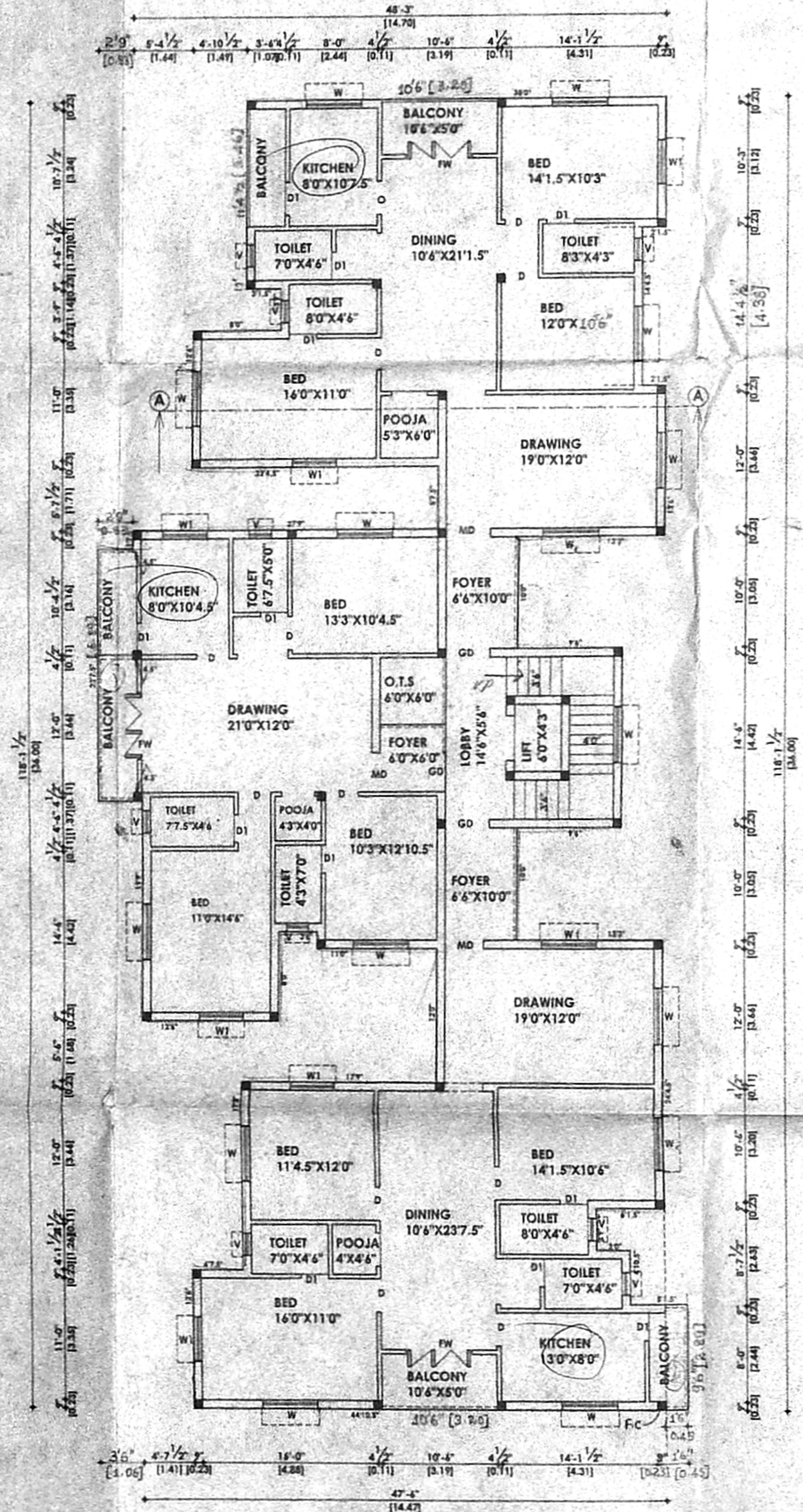
**COLOUR CODE REFERENCE**

PROPOSED	[Symbol]
ROADS	[Symbol]
SITE BOUNDARY	[Symbol]

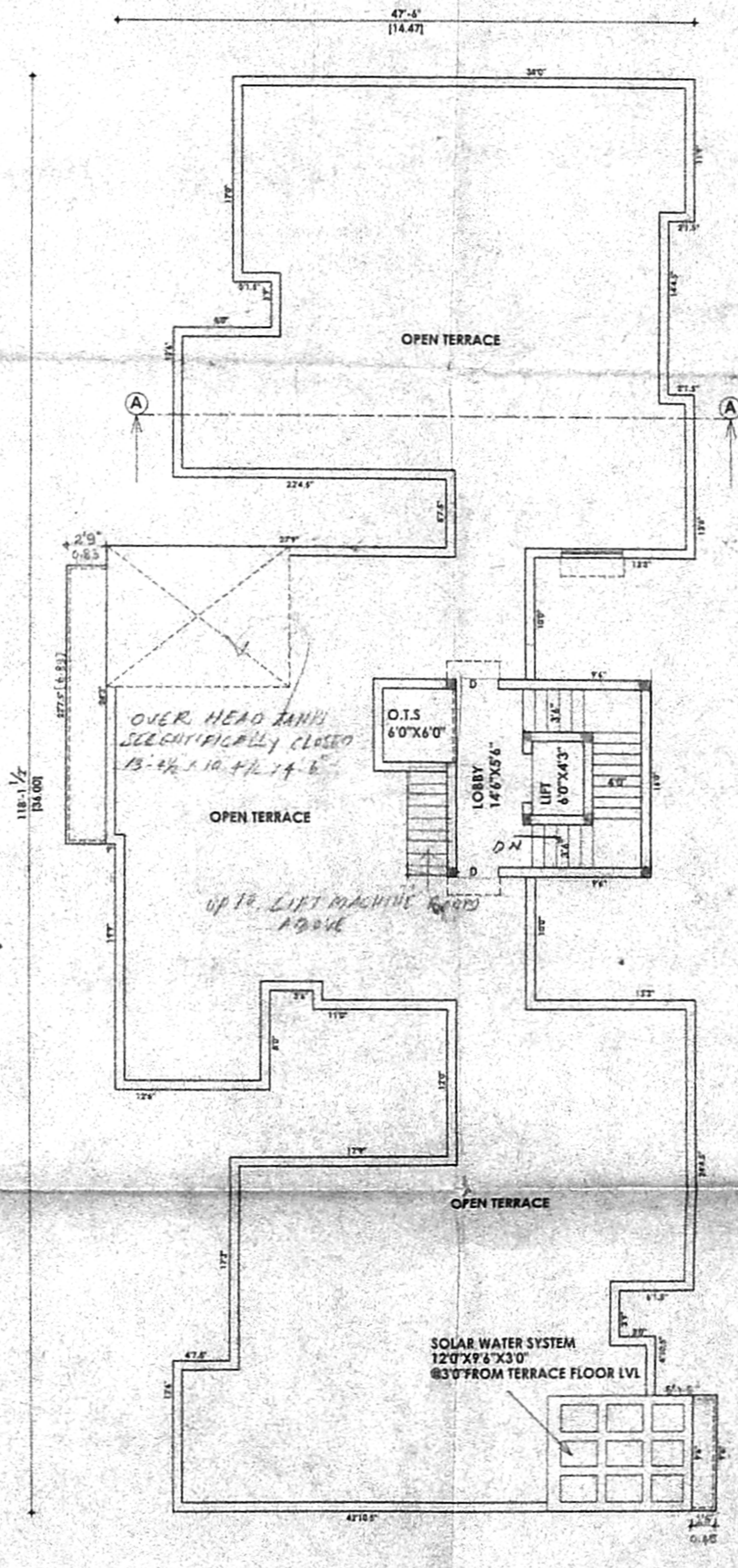
OWNER



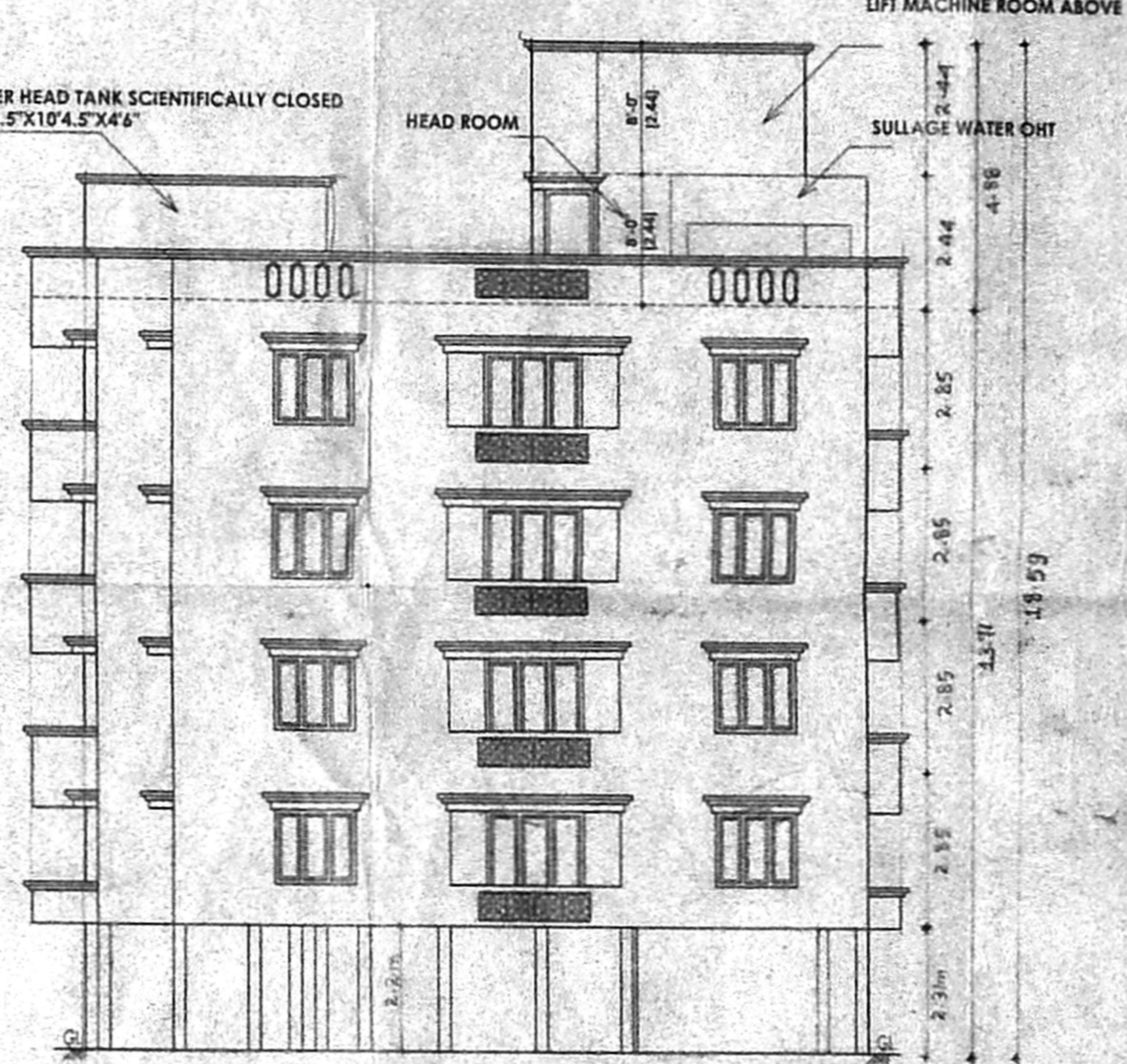
SITE CUM STILT FLOOR PLAN



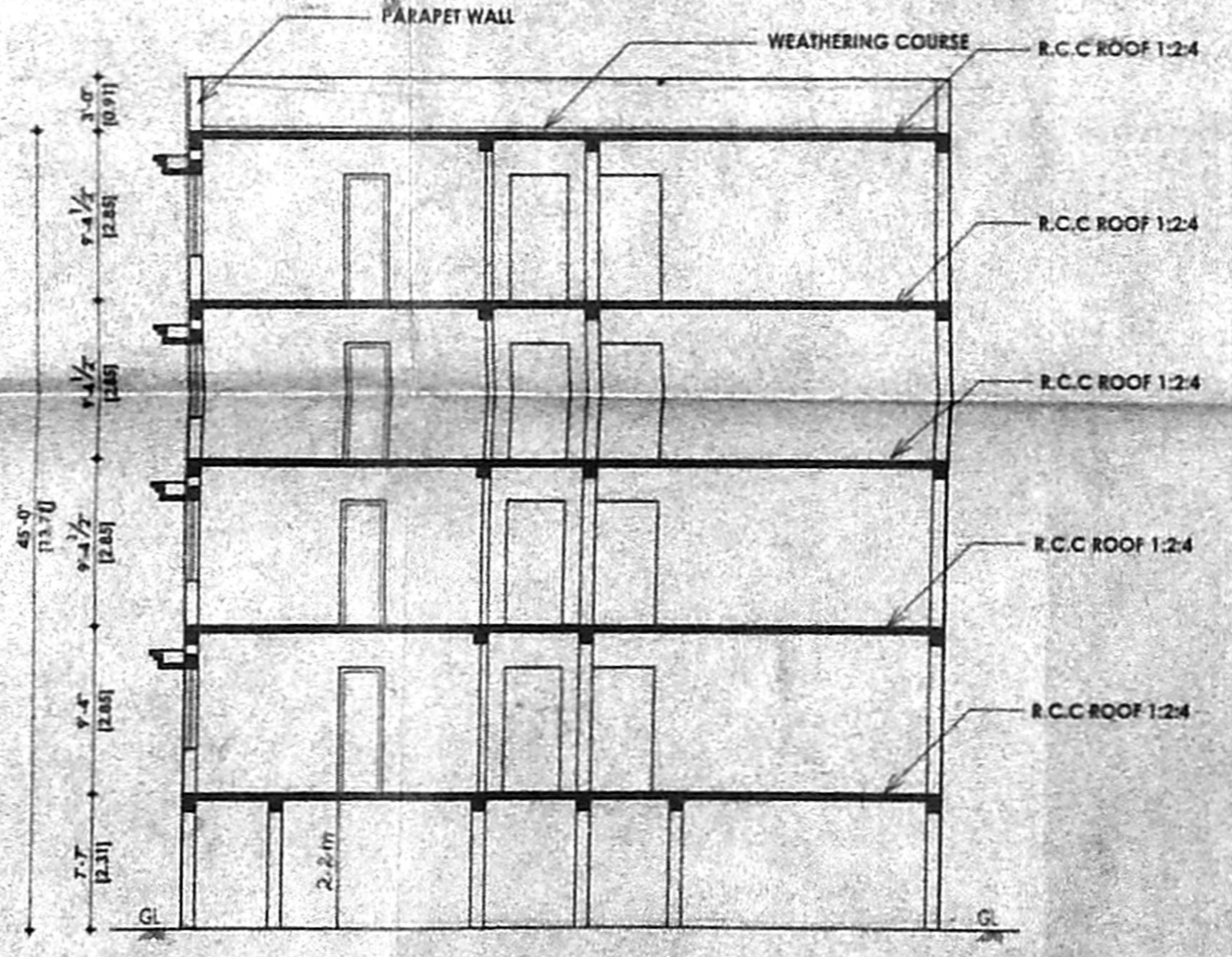
TYPICAL FLOOR PLAN [FIRST, SECOND, THIRD, FOURTH]



TERRACE FLOOR PLAN



FRONT ELEVATION



SECTION ON A-A

ER. K. SELVAM, B.E. (CIVIL), AMIE, C. ENGR., CIV. ENGINEER & APPROVED VALUER, CLASS-I LICENSED SURVEYOR, Reg No: 600/2005-2006, DOOR No: 11/226-115 BLOCK, MOGAPPAR EAST, CHENNAI 600 037, (NEAR: MGR ADARSH SCHOOLS), PHONE No: 26562050 - 55252050, CELL No: 9841282050

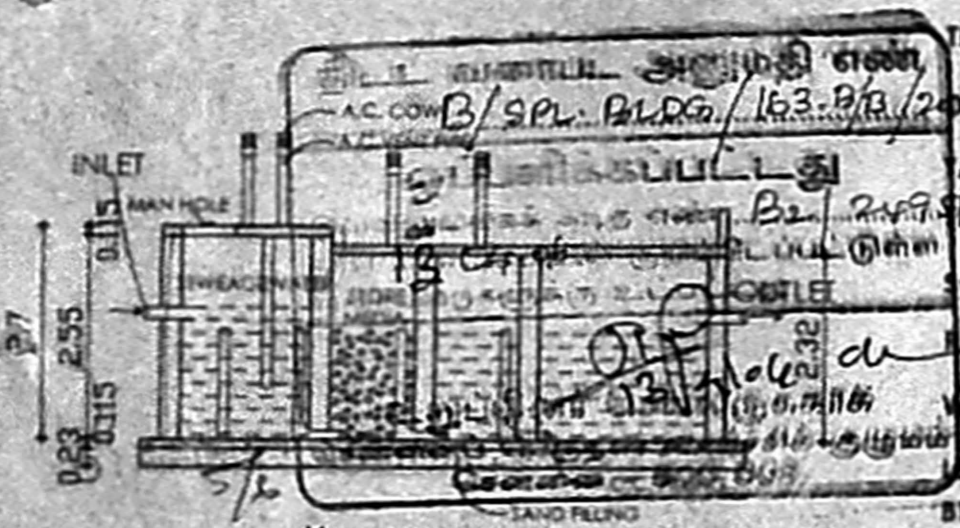
LICENSED SURVEYOR



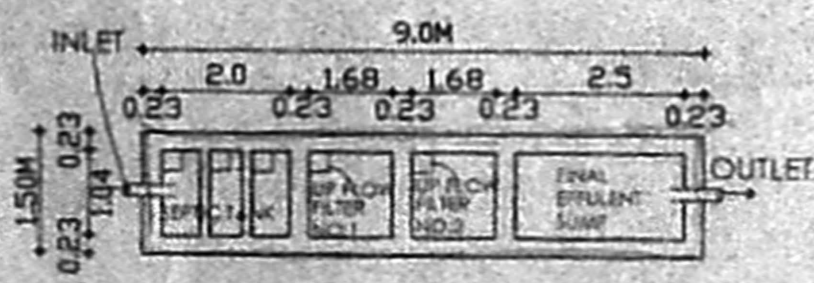
**DESIGN OF SPTIC TANK WITH UP FLOW FILTERS**

**அலுவலகப் படி**

NO OF DWELLINGS	: 12 NOS
NO OF USERS	: 12 X 5 = 60 PERSONS
RATE OF WATER SUPPLY	: 150 LPH/DAT
THEN FLOW OF SEWAGE PER DAY	: 60X150 = 9000 LTS
RETENTION PERIOD IS	: 18 HRS
TANK CAPACITY	: 9000X18/24 = 9000 LTS
THE TANK IS TO BE CLEANED EVERY YEAR	
SO SLUDGE STORAGE CAPACITY AT THE	: 24X15 = 360 LTS
RATE OF 15 LTS PER PERSON PER YEAR	: 9000 + 360 = 9360
WITH PROVISION FOR FUTURE EXPANSION	: SAY 10000M
LET THE TOTAL TANK CAPACITY	BE 9360 LTS SAY 10000 LTS
SEPTIC TANK HAVING CAPACITY OF	: SAY 10000M
DEPTH OF LIQUID AS	: 2.5M
PLAN AREA OF THE TANK 10.0/2	: 5.0M
THE RATIO OF LENGTH TO WIDTH OF TANK TO BE :	4
LENGTH X BREADTH X 3	: 4.25M
BREADTH OF TANK	: 1.68M
LENGTH OF TANK	: 2.0M
FREE BOARD OF THE TANK	: 0.2M
TOTAL DEPTH OF THE TANK (2.5+0.2)	: 2.7M
DISCHARGE FOR 100 PERSONS	: 15000 LTS
VOLUME 100 X 0.45	: 2.0M
DEPTH 1.10 X 0.30	: 0.80M
PLAN AREA REQUIRED 10.5/0.8	: 3.6M
SIZE OF FINAL EFFIVENT SUMP	: 1.50 X 9.0 X 2.7
UPFLOW FILTER NO:1	: 1.40 X 1.68X 2.5
UPFLOW FILTER NO:2	: 1.40 X 1.68X 2.5



**SECTION**



**PLAN  
DETAILS OF SPTIC TANK WITH  
UP FLOW FILTERS**

PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.7 & 8, S.NO.101 PART [DOCUMENT] 101/2 [AS PER PATTI] AND APPROVAL BY CMDA VIDE REFERENCE PPD/L.O.NO. 50/2005, DATED 27.06.2005, 42x31 PANCHAYAT LINK ROAD, PERUNGUDI VILLAGE, PERUNGUDI CHENNAI 600096. 43x31

திருத்திய வரைபடம் 1  
நாள் 230206

SCALE 1"=8'0" (1:100)

COLOUR INDEX

PROPOSED

BOUNDARY

ROAD

SCALE 1" = 4'0" (OR) 1:50

OWNER

15. vaji rally

**K. K. SELVAM,**  
 B.E. (Civil), AMIE, C.Engg (I), FIV  
 CHARTERED ENGINEER & SURVEYOR  
 CLASS I LICENSED SURVEYOR  
 Reg No: 60042  
 FLOOR No: 12  
 MOBILE No: 9841252050  
 PHONE No: 230206  
 CELL No: 9841252050

LICENSED SERVEYOR