

PROPOSED CONSTRUCTION OF RESIDENTIAL FLATS AT PLOT NO.23, PLOT NO.27 AS PER REVISED UDM/DTP NO: 37/66/ RAMAPPA NAGAR MAIN ROAD PERUNGUDI VILLAGE CHENNAI-600096. SURVEY NO:44/1, PATTANO:519, AS PER PATTA SURVEY NO:44/31

SCHEDULE OF JOINERY:

TYPE	DETAIL	WIDTH	HEIGHT	
M/D	C.W. PANELLED DOOR	3'6"X7'0"		1047X2134
D	-DO-	3'0"X7'0"		915X2134
D1	-DO-	2'6"X7'0"		762X2134
W	C.W. PANELLED WINDOW	5'0"X4'6"		1524X1372
W1	C.W. GLAZED WINDOW	4'0"X4'6"		1220X1372
KW	C.W. GLAZED WINDOW	4'0"X3'6"		1220X1047
V	GLAZED VENTILATOR	2'0"X2'0"		610X610

SPECIFICATION

FOUNDATION : R.C.C COLUMN FOOTING
 BRICK WORK : C.M 1:6 FOR SUPER STRUCTURE
 PLASTERING : C.M 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

AREA STATEMENT

	SQM
PLOT EXTENT:	849.57
GROUND FLOOR AREA =	325.62
FIRST FLOOR AREA =	333.36
SECOND FLOOR AREA =	333.36
THIRD FLOOR AREA =	311.61
TOTAL FLOOR AREA =	1304.15
F.S.I	1.493
PLOT COVERAGE	38.54%

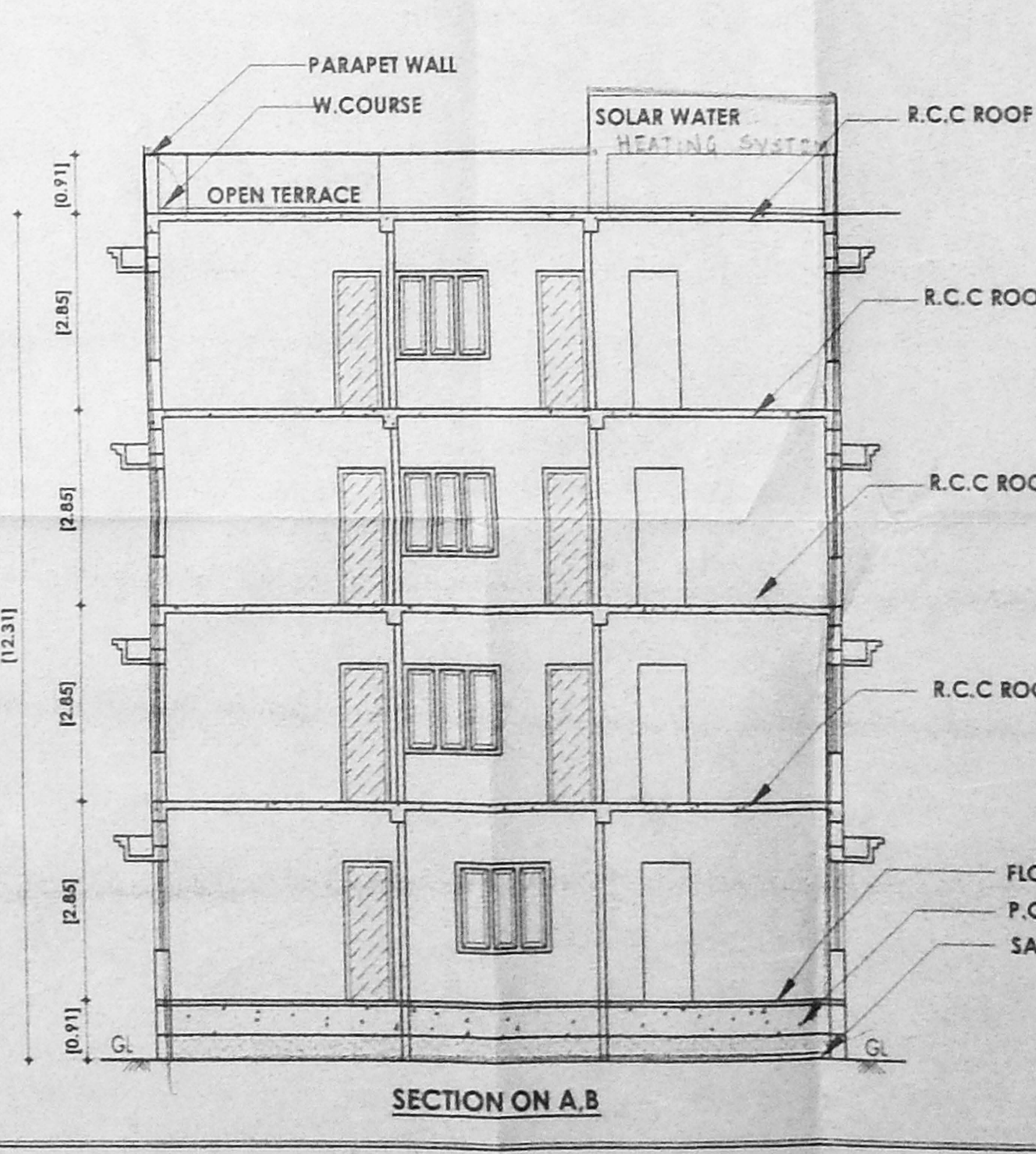
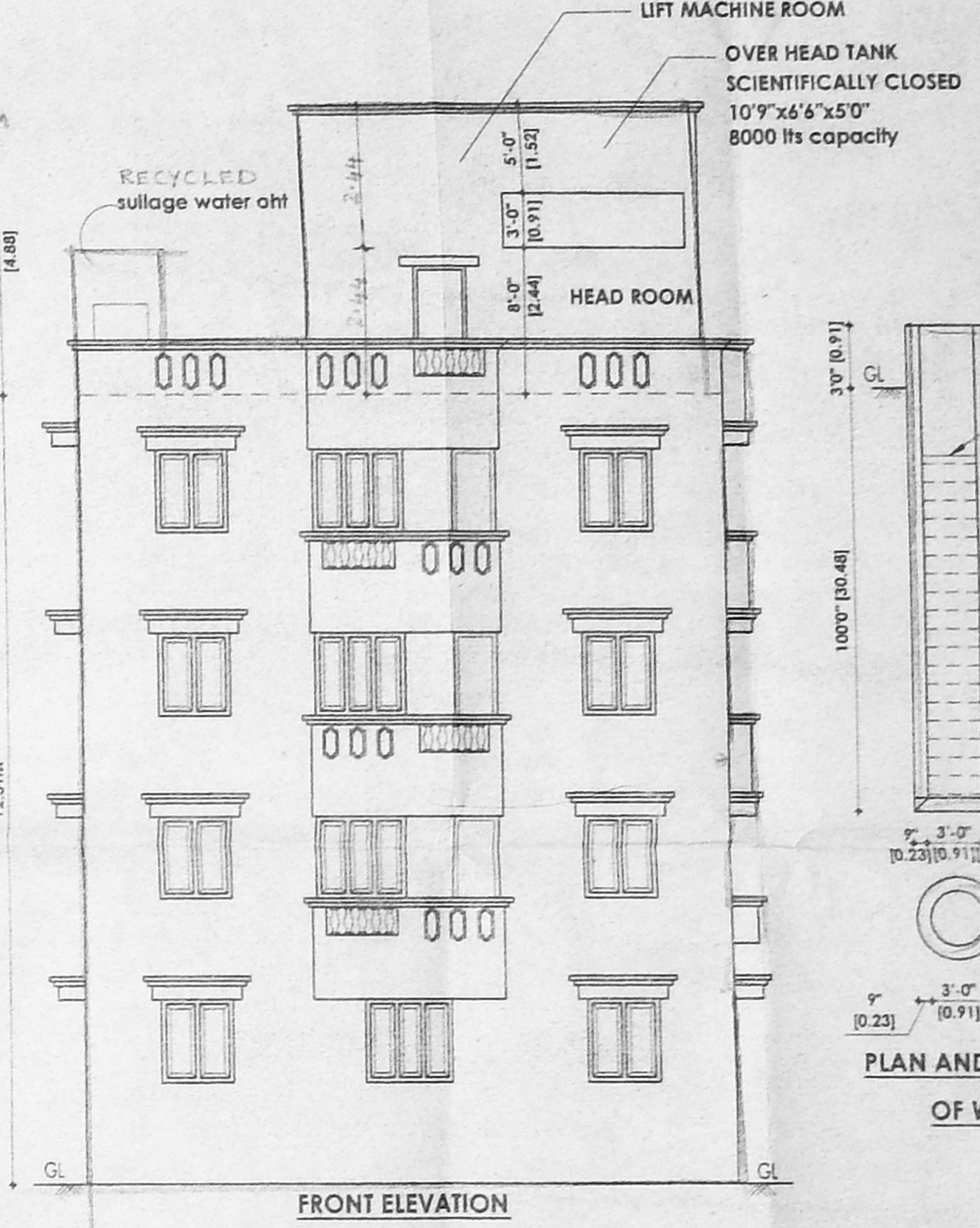
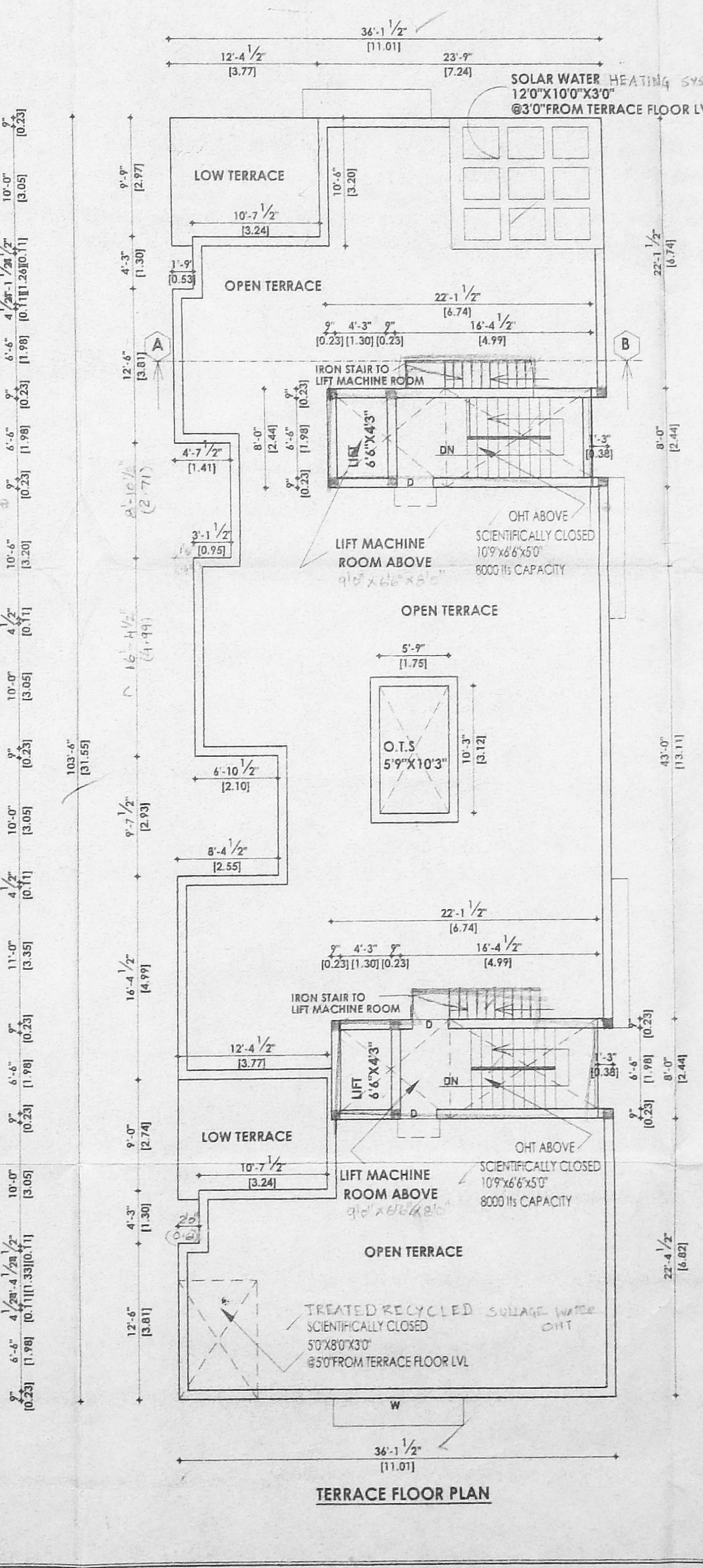
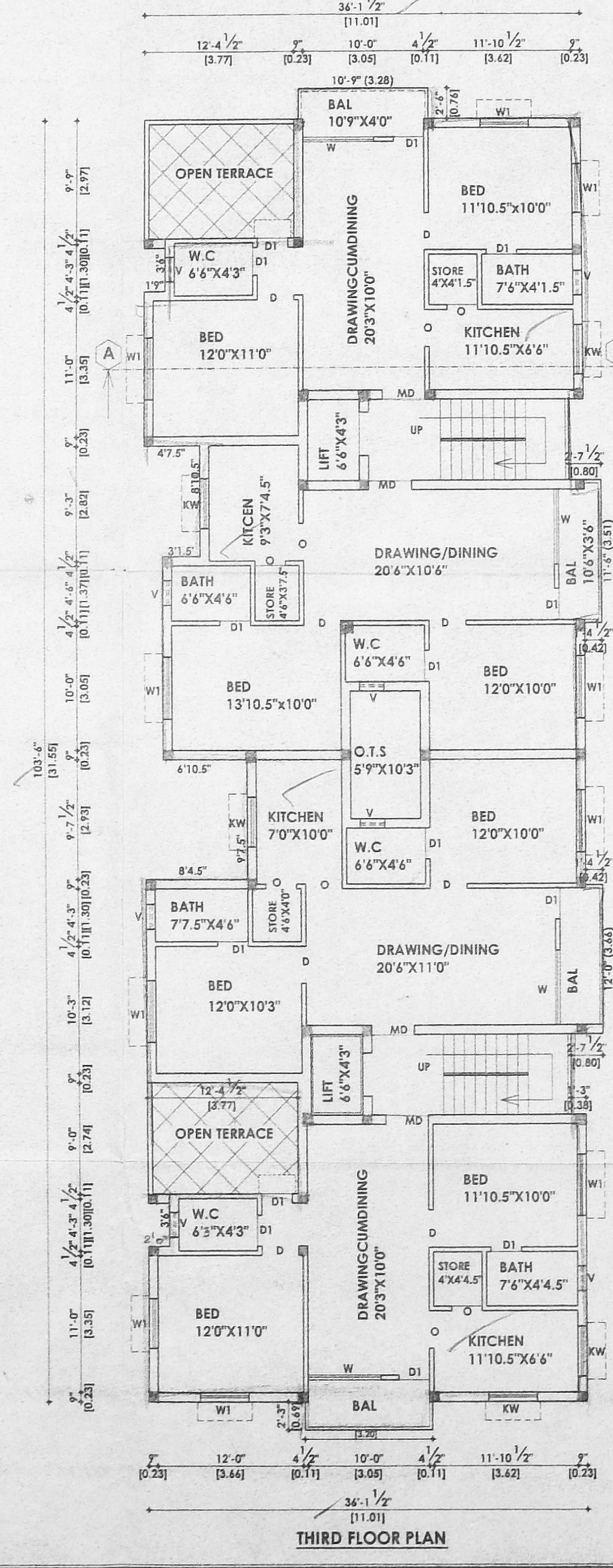
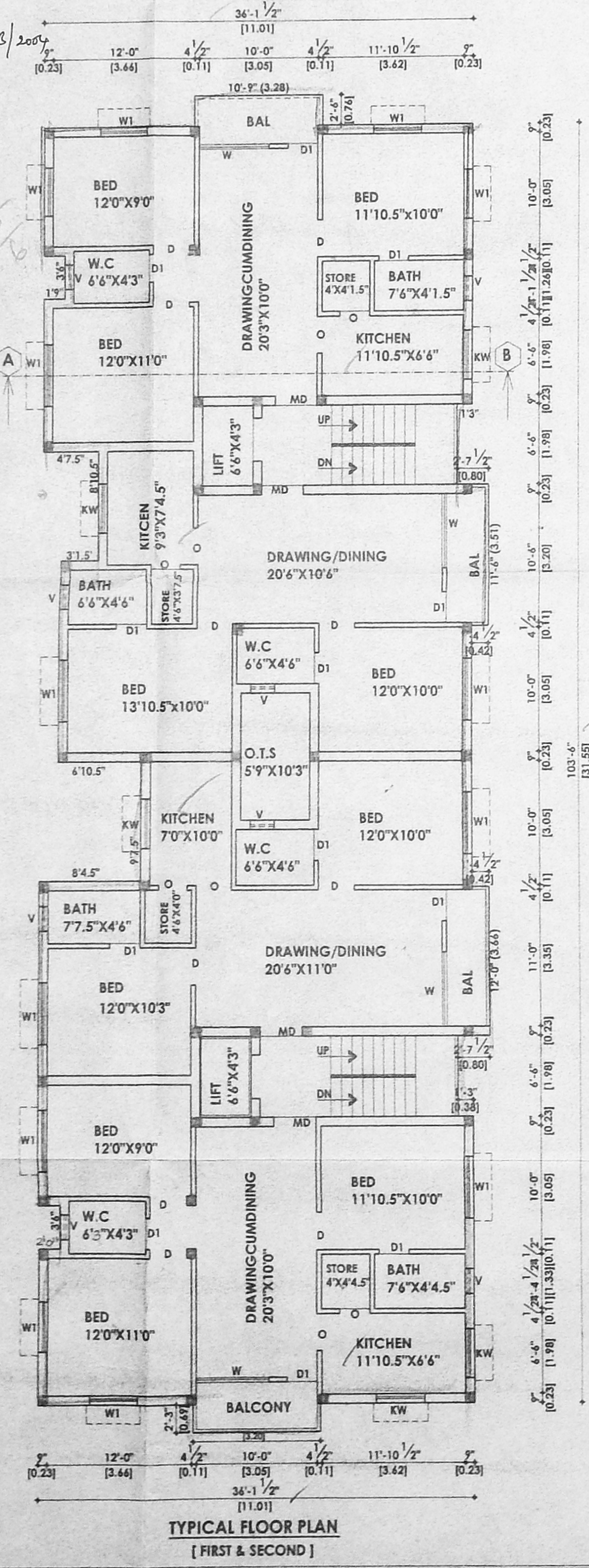
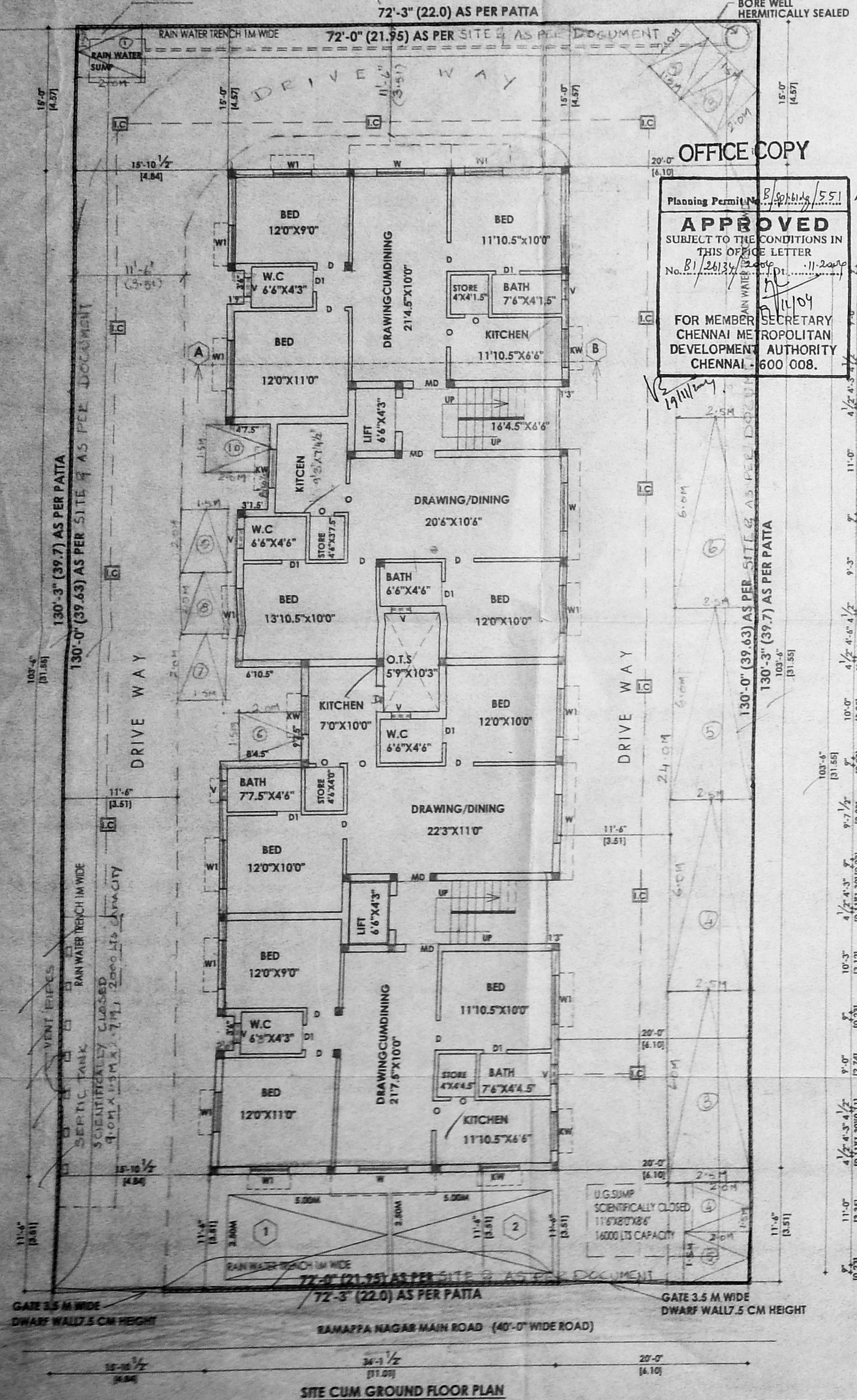
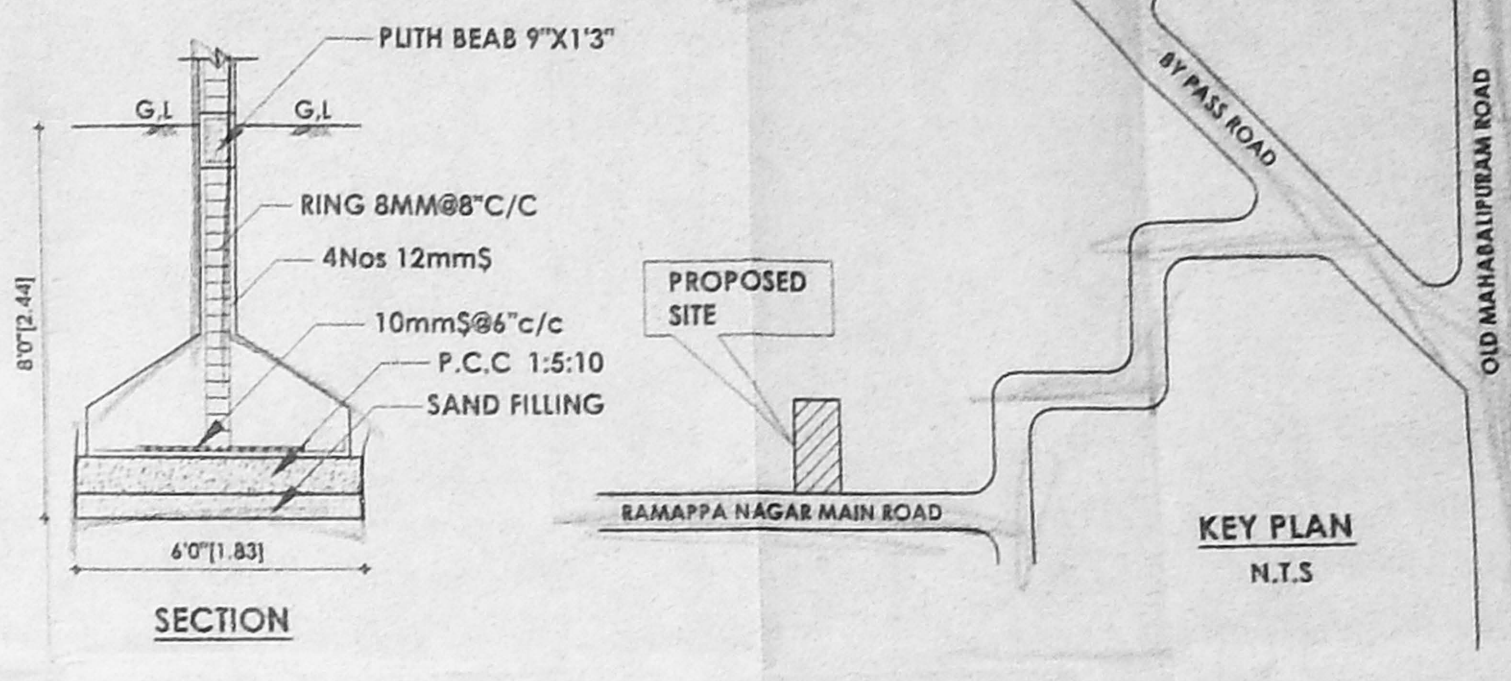
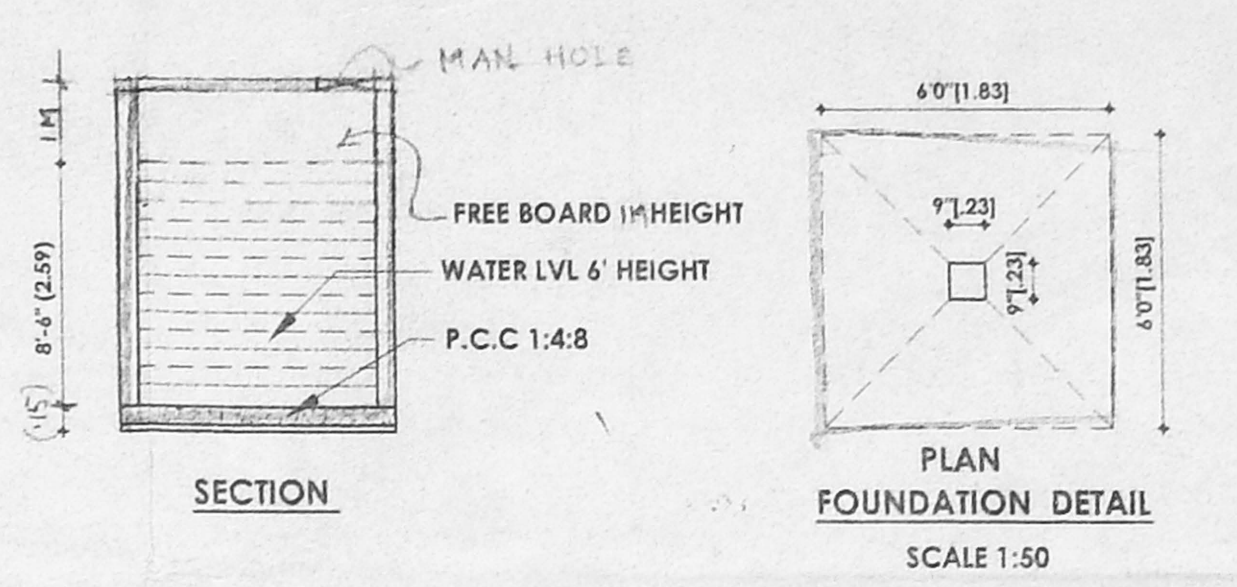
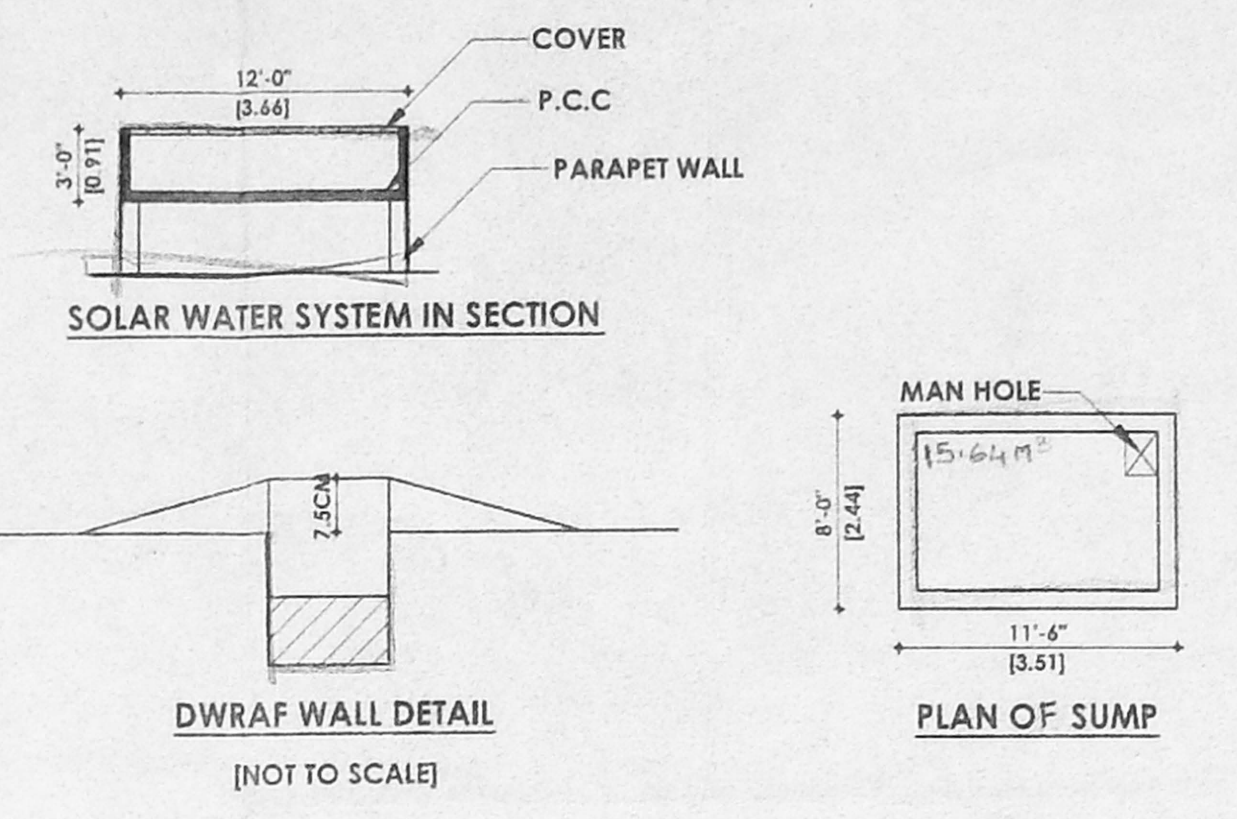
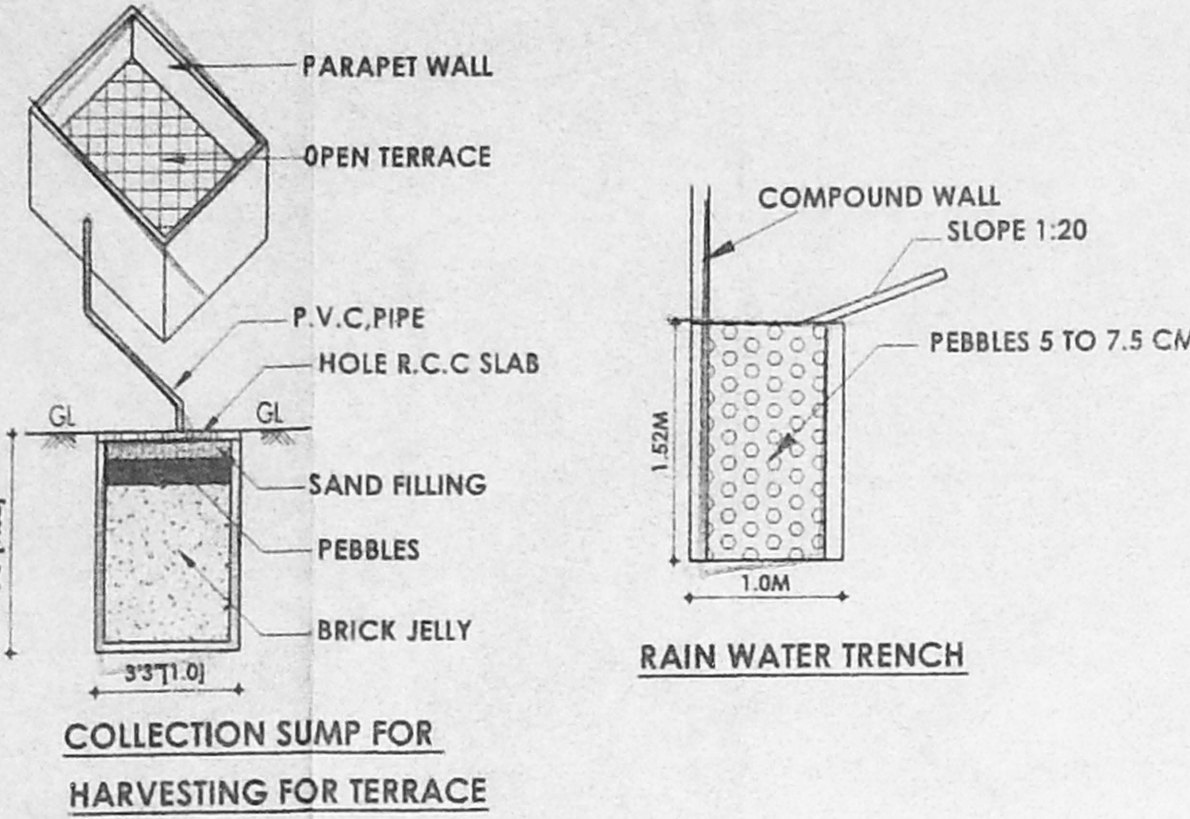
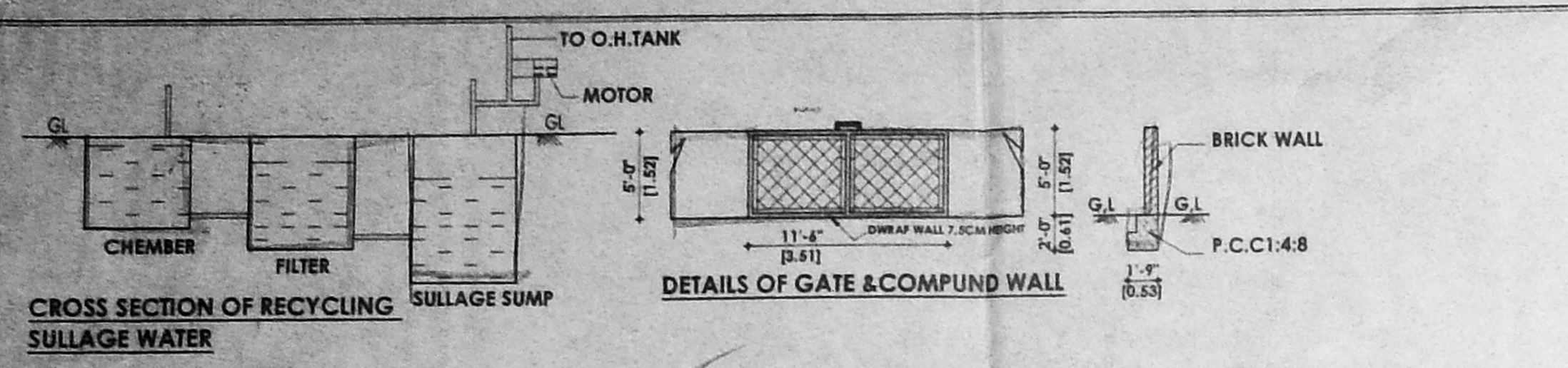
SCALE 1"=8'0" OR 1:100

COLOUR CODE REFERENCE

PROPOSED	
ROADS	
SITE BOUNDARY	
OWNER	

Er. K. SELVAM,
 B.E (Civil), AMIE, C. Engg(I), AIT,
 CHARTERED ENG. & APPROVED VALUER,
 CLASS - L SURVEYOR,
 Reg No: 60105,
 DOOR NO. 105,
 (NEAR M.C.P. 33H BLOCK,
 J. SAPPAN, A-600 CAMP,
 PHONE NO: 255, 3050
 CELL N: 9811282050

LICENSED SURVEYOR



OFFICE COPY
 Planning Permit No. B/50113/55.1 A/6/2009
APPROVED
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER
 No. 81/26134/2009
 11.2.2010
 FOR MEMBER SECRETARY CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY CHENNAI-600 008.



Revised Plan
Dt: 8.10.2014

CMDA 31 NO. 1
 C. No. B1/26134/2014
 Assl. COLOUR INDEX
 Scrutiny
 P. A. PROPOSED
 BOUNDARY D.P.
 A ROAD

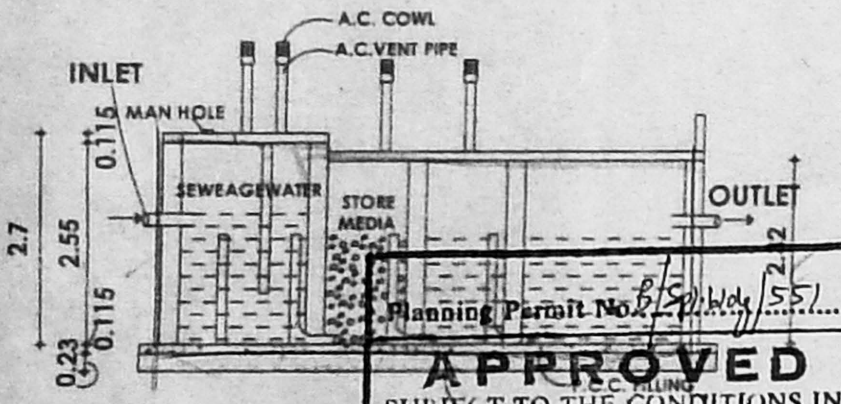
DESIGN OF SEPTIC TANK WITH UP FLOW FILTERS

NO OF DWELLINGS : 16 NOS
 NO OF USERS : 16 X 5 = 80 PERSONS
 RATE OF WATER SUPPLY : 150 LPH/DAY
 THEN FLOW OF SEWAGE PER DAY : 80 X 150 = 12000 LTS

DETENTION PERIOD IS : 18 HRS
 TANK CAPACITY : 9000 X 18/24 = 9000 LTS
 THE TANK IS TO BE CLEANED EVERY YEAR : 9360 LTS
 SO SLUDGE STORAGE CAPACITY AT THE : 24 X 15 = 360 LTS
 RATE OF 15 LTS PER PERSON PER YEAR : 360 LTS
 TOTAL TANK CAPACITY REQUIRED : 9000 + 360 = 9360
 WITH PROVISION FOR FUTURE EXPANSION : SAY 10000 LTS

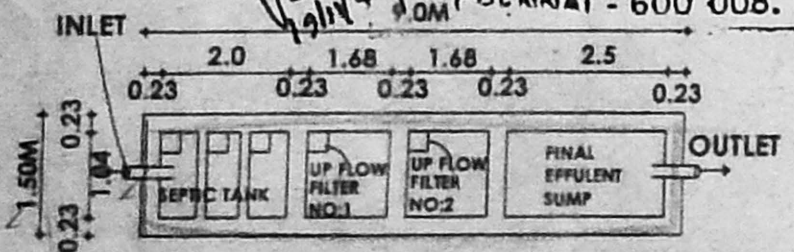
LET THE TOTAL TANK CAPACITY BE 9360 LTS SAY 10000 LTS
 SEPTIC TANK HAVING CAPACITY OF : SAY 10000 LTS
 DEPTH OF LIQUID AS : 2.5M
 PLAN AREA OF THE TANK 10.0/2 : 5.0M
 THE RATIO OF LENGTH TO WIDTH OF TANK TO BE : 4

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 80 PERSONS : 12000 LTS
 VOLUME 30 X 0.45 : 36
 DEPTH 1.10 X 0.30 : 0.33M
 PLAN AREA REQUIRED 10.5/0.8 : 2.5M
 SIZE OF FINAL EFFULVENT : 1.04 X 2.5 X 2.32
 UPFLOW FILTER NO:1 : 1.04 X 1.68 X 2.32
 UPFLOW FILTER NO:2 : 1.04 X 1.68 X 2.32



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 No. B1/26134/2014 Dt: 11-2014
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 CHENNAI METROPOLITAN
 DEVELOPMENT AUTHORITY
 CHENNAI - 600 008.



PLAN
DETAILS OF SEPTIC TANK WITH
UP FLOW FILTERS

PROPOSED CONSTRUCTION OF
 RESIDENTIAL FLATS AT PLOT NO: 23,
 PLOT NO: 27, (AS PER REVISED
 LPDM/DTIP NO: 31/00) IN
 RAMAPPA NAGAR MAIN ROAD
 PERUNGUDI VILLAGE,
 CHENNAI - 600096.
 SURVEY NO: 44/1, PATTANO: 519,
 AS PER PATTI SURVEY NO: 44/31

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

B. Naji Reddy
OWNER

ER. K. SELVAM,
 B.E (Civil), AMIE, C Eng(I), AIV.,
 CHARTERED ENGINEER & APPROVED VALUER,
 CLASS-I LICENSED SURVEYOR,
 Reg No: 600/2005,
 DOOR No. 11, 20, 11th BLOCK,
 LICENSED ASSESSOR,
 (NEAR MGR ADARSH SCHOOL)
 PHONE No. 26562050
 CELL No: 9841282050