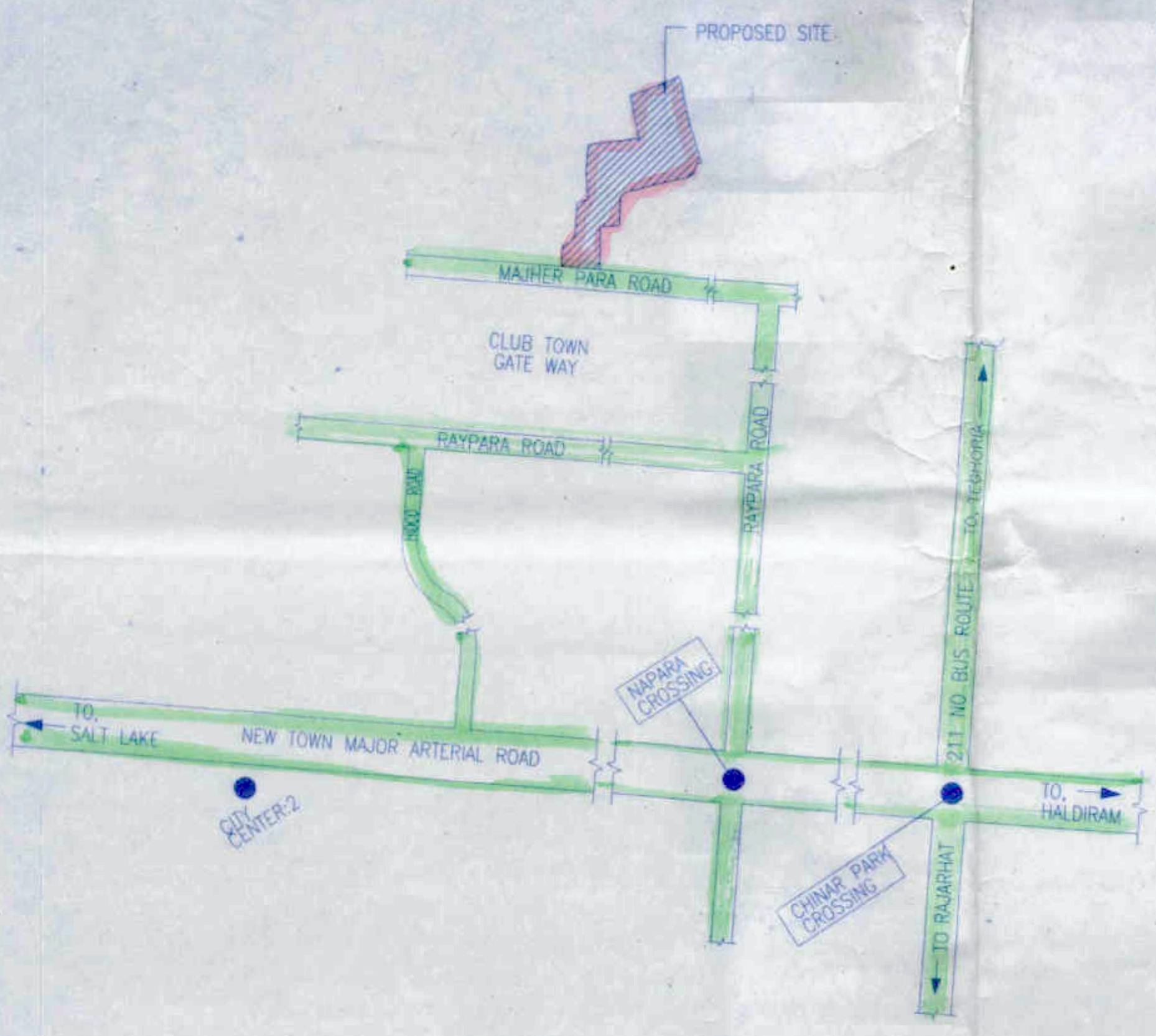
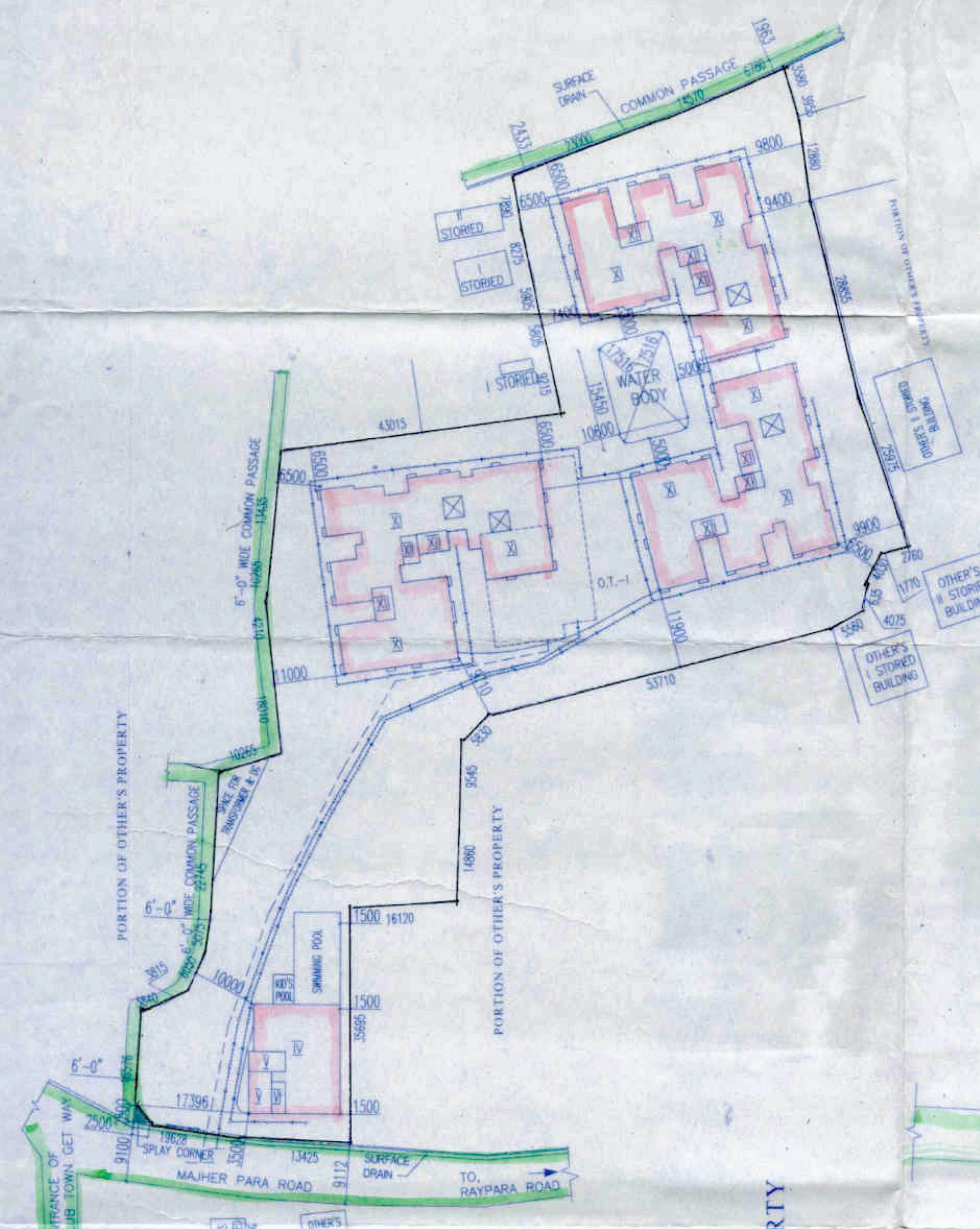

PROPOSED SITE
MAJHER PARA ROAD
CLUB TOWN GATE WAY
RAYPARA ROAD
RAYPARA ROAD
NEW TOWN MAJOR ARTERIAL ROAD
TO, SALT LAKE
CITY CENTER-2
NAPARA CROSSING
CHINAR PARK CROSSING
211 NO BUS ROUTE
TO, TEGHORIA
TO RAJARHAT
TO, HALDIRAM

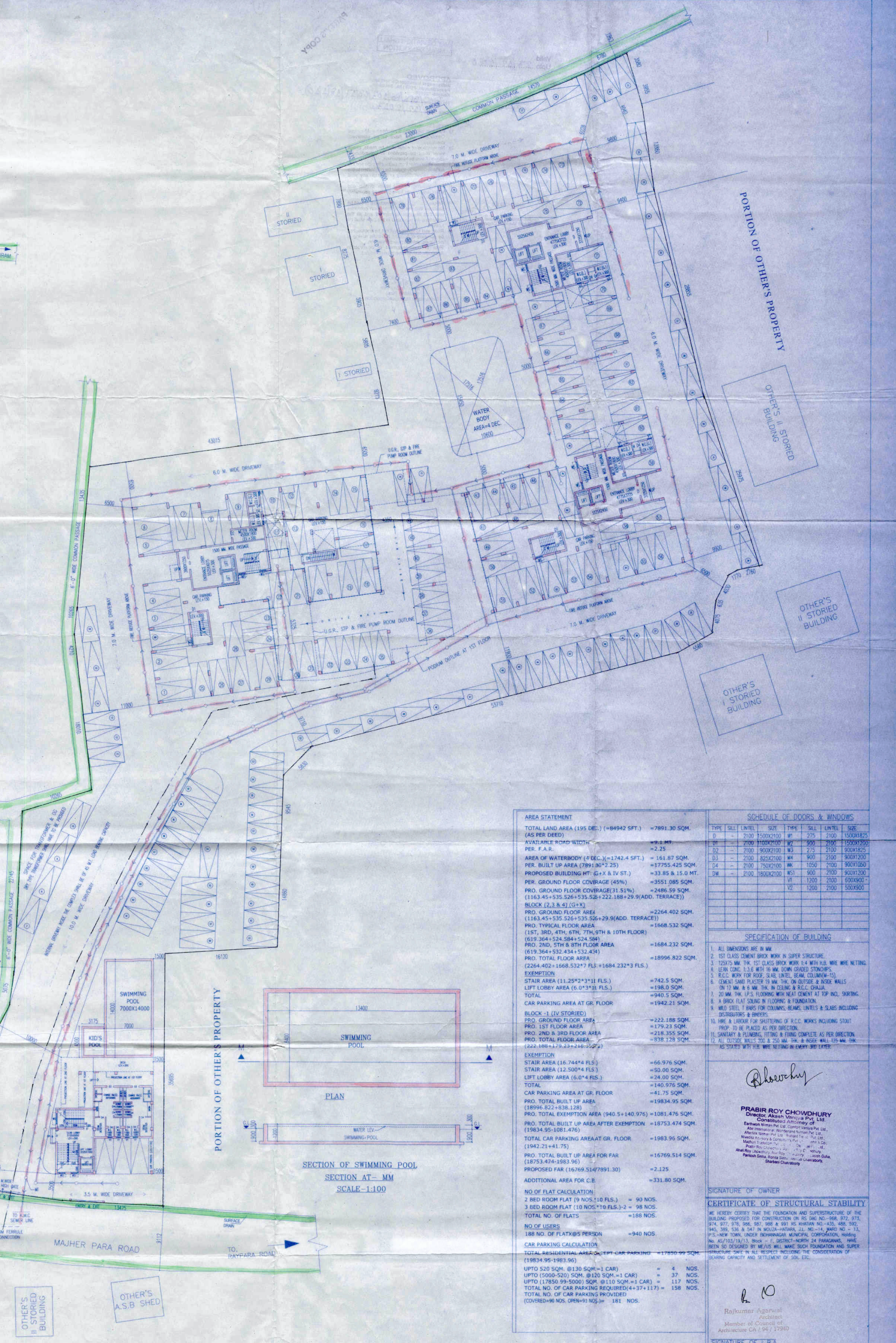
LOCATION PLAN
SCALE =1:4000

N


COMMON PASSAGE
SURFACE DRAIN
PORTION OF OTHER'S PROPERTY
PORTION OF OTHER'S PROPERTY
OTHER'S II STORIED BUILDING
I STORIED
MAJHER PARA ROAD
TO, RAYPARA ROAD
ENTRANCE OF CLUB TOWN GET WAY

SITE PLAN
SCALE-1:600

N


COMMON PASSAGE
SURFACE DRAIN
7.0 M. WIDE DRIVEWAY
6.0 M. WIDE DRIVEWAY
PORTION OF OTHER'S PROPERTY
OTHER'S II STORIED BUILDING
OTHER'S II STORIED BUILDING
OTHER'S I STORIED BUILDING
II STORIED
I STORIED
I STORIED
WATER BODY AREA=4 DEC.
U.G.R., STP & FIRE PUMP ROOM OUTLINE
PODIUM OUTLINE AT 1ST FLOOR
CAR PARKING
SWIMMING POOL 7000X14000
KID'S POOL
3.5 M. WIDE DRIVEWAY
MAJHER PARA ROAD
TO, RAYPARA ROAD
TO K.M.C. SEWER LINE
FROM FERRULE CONNECTION
SPLAY CORNER
ENTRANCE OF CLUB TOWN GET WAY
OTHER'S II STORIED BUILDING
OTHER'S A.S.B SHED
SWIMMING POOL
SWIMMING POOL

PLAN

SECTION OF SWIMMING POOL
SECTION AT– MM
SCALE–1:100

GROUND FLOOR PLAN
SCALE–1:200

AREA STATEMENT

TOTAL LAND AREA (195 DEC.) (=84942 SFT.) (AS PER DEED)	=7891.30 SQM.
~~AVAILABLE ROAD WIDTH~~	~~=9.1 MT.~~
PER. F.A.R.	=2.25
AREA OF WATERBODY (4 DEC.)(=1742.4 SFT.)	= 161.87 SQM.
PER. BUILT UP AREA (7891.30*2.25)	=17755.425 SQM.
PROPOSED BUILDING HT. (G+X & IV ST.)	=33.85 & 15.0 MT.
PER. GROUND FLOOR COVERAGE (45%)	=3551.085 SQM.
PRO. GROUND FLOOR COVERAGE(31.51%) (1163.45+535.526+535.526+222.188+29.9(ADD. TERRACE))	=2486.59 SQM.

BLOCK (2,3 & 4) (G+X)

PRO. GROUND FLOOR AREA (1163.45+535.526+535.526+29.9(ADD. TERRACE))	=2264.402 SQM.
PRO. TYPICAL FLOOR AREA (1ST, 3RD, 4TH, 6TH, 7TH, 9TH & 10TH FLOOR) (619.364+524.584+524.584)	=1668.532 SQM.
PRO. 2ND, 5TH & 8TH FLOOR AREA (619.364+532.434+532.434)	=1684.232 SQM.
PRO. TOTAL FLOOR AREA (2264.402+1668.532*7 FLS.+1684.232*3 FLS.)	=18996.822 SQM.

EXEMPTION

STAIR AREA (11.25*2*3*11 FLS.)	=742.5 SQM.
LIFT LOBBY AREA (6.0*3*11 FLS.)	=198.0 SQM.
TOTAL	=940.5 SQM.
CAR PARKING AREA AT GR. FLOOR	=1942.21 SQM.

BLOCK -1 (IV STORIED)

PRO. GROUND FLOOR AREA	=222.188 SQM.
PRO. 1ST FLOOR AREA	=179.23 SQM.
PRO. 2ND & 3RD FLOOR AREA	=218.355 SQM.
PRO. TOTAL FLOOR AREA (222.188+179.23+218.355*2)	=838.128 SQM.

EXEMPTION

STAIR AREA (16.744*4 FLS.)	=66.976 SQM.
STAIR AREA (12.500*4 FLS.)	=50.00 SQM.
LIFT LOBBY AREA (6.0*4 FLS.)	=24.00 SQM.
TOTAL	=140.976 SQM.
CAR PARKING AREA AT GR. FLOOR	=41.75 SQM.
PRO. TOTAL BUILT UP AREA (18996.822+838.128)	=19834.95 SQM.
PRO. TOTAL EXEMPTION AREA (940.5+140.976)	=1081.476 SQM.
PRO. TOTAL BUILT UP AREA AFTER EXEMPTION (19834.95-1081.476)	=18753.474 SQM.
TOTAL CAR PARKING AREA AT GR. FLOOR (1942.21+41.75)	=1983.96 SQM.
PRO. TOTAL BUILT UP AREA FOR FAR (18753.474-1983.96)	=16769.514 SQM.
PROPOSED FAR (16769.514/7891.30)	=2.125
ADDITIONAL AREA FOR C.B.	=331.80 SQM.

NO OF FLAT CALCULATION

2 BED ROOM FLAT (9 NOS.*10 FLS.)	= 90 NOS.
3 BED ROOM FLAT (10 NOS.*10 FLS.)-2	= 98 NOS.
TOTAL NO. OF FLATS	=188 NOS.

NO OF USERS

188 NO. OF FLATX@5 PERSON	=940 NOS.

CAR PARKING CALCULATION

~~TOTAL RESIDENTIAL AREA EXCEPT CAR PARKING~~ (19834.95-1983.96)	~~=17850.99 SQM.~~
UPTO 520 SQM. @130 SQM.=1 CAR)	= 4 NOS.
UPTO (5000-520) SQM. @120 SQM.=1 CAR)	= 37 NOS.
UPTO (17850.99-5000) SQM. @110 SQM.=1 CAR)	= 117 NOS.
TOTAL NO. OF CAR PARKING REQUIRED(4+37+117)	= 158 NOS.
TOTAL NO. OF CAR PARKING PROVIDED (COVERED=90 NOS. OPEN=91 NOS.)	= 181 NOS.

SCHEDULE OF DOORS & WINDOWS

TYPE	SILL	LINTEL	SIZE	TYPE	SILL	LINTEL	SIZE
D	–	2100	1500X2100	W1	275	2100	1500X1825
D1	–	2100	1100X2100	W2	900	2100	1500X1200
D2	–	2100	900X2100	W3	275	2100	900X1825
D3	–	2100	825X2100	W4	900	2100	900X1200
D4	–	2100	750X2100	WK	1050	2100	900X1050
DW	–	2100	1800X2100	WS1	900	2100	900X1200
				V1	1200	2100	600X900
				V2	1200	2100	500X900

SPECIFICATION OF BUILDING

1. ALL DIMENSIONS ARE IN MM.
2. 1ST CLASS CEMENT BRICK WORK IN SUPER STRUCTURE.
3. 125X75 MM. THK. 1ST CLASS BRICK WORK 1:4 WITH H.B. WIRE WIRE NETTING.
4. LEAN CONC. 1:3:6 WITH 16 MM. DOWN GRADED STONCHIPS.
5. R.C.C. WORK FOR ROOF, SLAB, LINTEL, BEAM, COLUMN(M-15).
6. CEMENT SAND PLASTER 19 MM. THK. ON OUTSIDE & INSIDE WALLS ON 12 MM. & 6 MM. THK. IN CEILING & R.C.C. CHAJJA.
7. 20 MM. THK. I.P.S. FLOORING WITH NEAT CEMENT AT TOP INCL. SKIRTING.
8. A BRICK FLAT SOLING IN FLOORING & FOUNDATION.
9. MILD STEEL T BARS FOR COLUMNS, BEAMS, LINTELS & SLABS INCLUDING DISTRIBUTORS & BINDERS.
10. HIRE & LABOUR FOR SHUTTERING OF R.C.C. WORKS INCLUDING STOUT PROP. TO BE PLACED AS PER DIRECTION.
11. SANITARY & PLUMBING, FITTING & FIXING COMPLETE AS PER DIRECTION.
12. ALL OUTSIDE WALLS 200 & 250 MM. THK. & INSIDE WALL 125 MM. THK AS STATED WITH H.B. WIRE NETTING IN EVERY 3RD LAYER.

PChowdhury

PRABIR ROY CHOWDHURY
Director, Akash Vanijya Pvt. Ltd.
Constituted Attorney of
Earthwork Nirman Pvt. Ltd., Comfort Vanijya Pvt. Ltd.,
Abir International, Wonderland Nirman Pvt. Ltd.,
Afterlink Nirman Pvt. Ltd., Brilliant [illegible] Pvt. Ltd.,
Nivedita Advisory & Consultants Pvt. [illegible]
Madhuri Tradecom [illegible]
Prabir Roy Chowdhury [illegible]
Aheli Roy Chowdhury, Abir Roy [illegible] Guha,
Paritosh Sinha, Ronita Sinha, [illegible] Chakraborty,
Sharbani Chakraborty

SIGNATURE OF OWNER

CERTIFICATE OF STRUCTURAL STABILITY

WE HEREBY CERTIFY THAT THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING PROPOSED FOR CONSTRUCTION ON RS DAG NO.-968, 972, 973, 974, 977, 978, 986, 987, 988 & 991 RS KHATIAN NO.-435, 488, 592, 945, 389, 536 & 547 IN MOUZA-HATIARA, J.L. NO.-14, WARD NO – 13, P.S.-NEW TOWN, UNDER BIDHANNAGAR MUNICIPAL CORPORATION, Holding No. AS/103/19/13, Block – F, DISTRICT-NORTH 24 PARAGANAS, HAVE BEEN SO DESIGNED BY ME/US WILL MAKE SUCH FOUNDATION AND SUPER STRUCTURE SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL ETC.

Rajkumar Agarwal
Architect
Member of Council of
Architecture CA / 94 / 17940

SIGNATURE OF L.B.A
RAJKUMAR AGARWAL
COUNCIL REGISTRATION NO. CA/94/17940
ADDRESS:
RAJ AGRAWAL & ASSOCIATES
8B, ROYD STREET (2ND FLOOR), KOLKATA-16.

SANJIV J. PAREKH
M.E.(STRUCT.) M.E.(CONST. ENG.),
B. C. E., FIE-(F-018202-4)
E. S. E. NO. 104 (I) K. M. C.

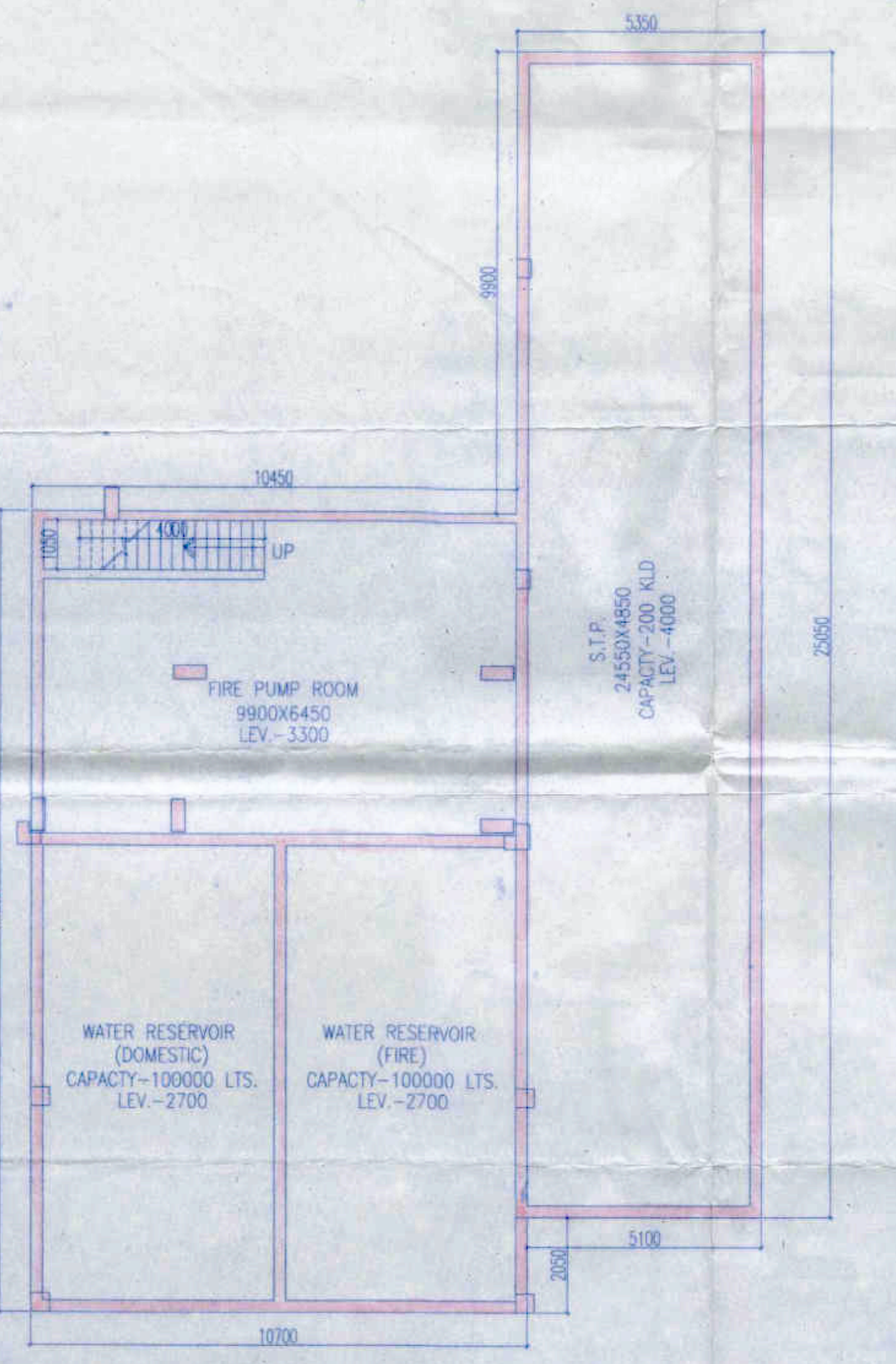
SIGNATURE OF STRUCTURAL ENGINEER.
SANJIV J.PAREKH
M.E.; A.M.I.E. C(ENGG.)I; M.S.C.E.
CHARTERED ENGINEER A.M.-053212 E.S.E.-104(I) K.M.C.
ADDRESS:
S.P.A. CONSULTANTS
53, JUSTICE CHANDRA MADHAB ROAD, KOLKATA-20.

SANJIB GUHA
BSC, BCE, FIE-(F-115654-5)
CHARTERED ENGINEER
KMC, E.S.E No 1/88

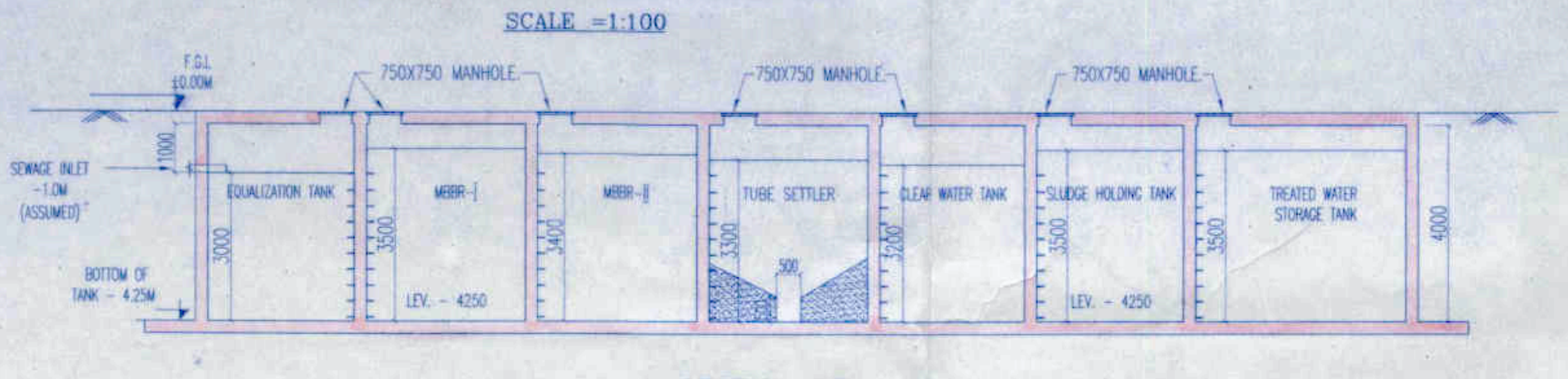
SIGNATURE OF STRUCTURAL REVIEWER
SANJIV. GUHA.
E.S.E. I (88),
ADDRESS:
34 RAMMOHAN DUTTA ROAD,
KOLKATA-20.

DR. SUJIT KUMAR BOSE
Ph.D., M.C.E (Soil) B.C.E. (Hons)
MIGS

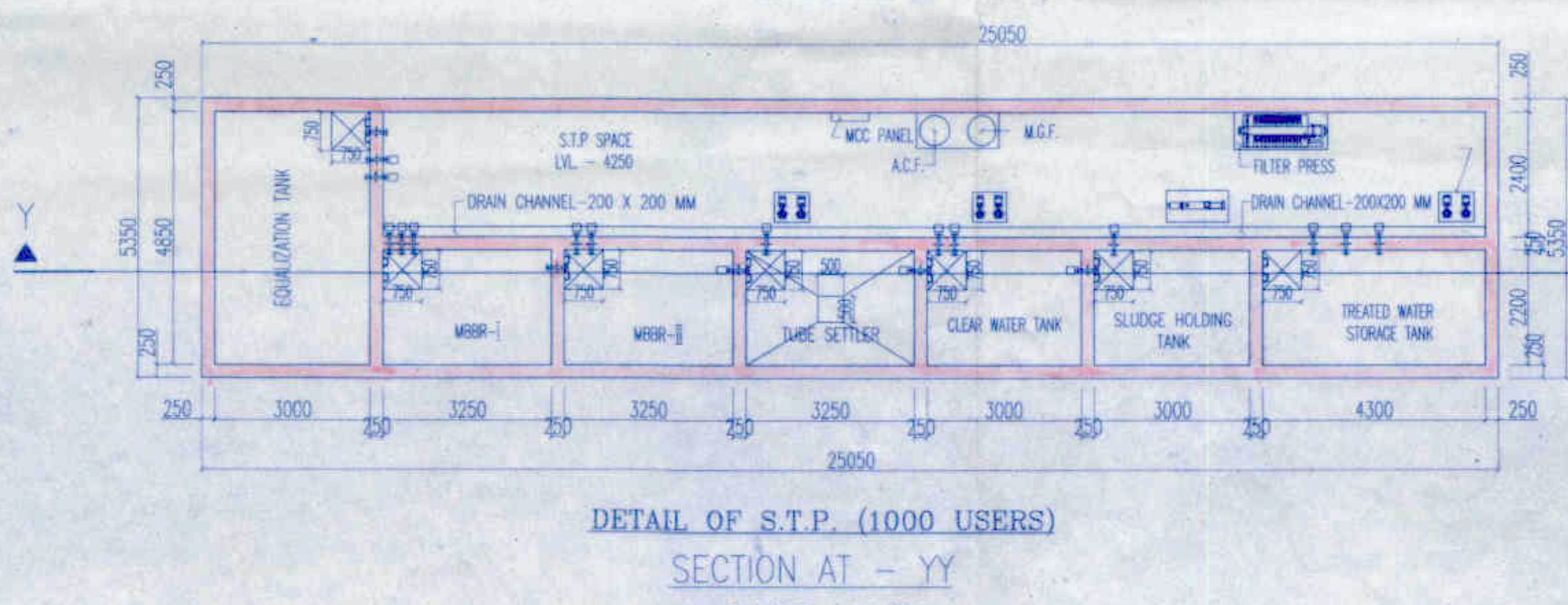
SIGNATURE OF GEO-TECHNICAL ENGINEER


5350
9900
10450
4000
1050
UP
FIRE PUMP ROOM
9900X6450
LEV.-3300
S.T.P.
24550X4850
CAPACITY-200 KLD
LEV.-4000
25050
17200
WATER RESERVOIR (DOMESTIC)
CAPACTY-100000 LTS.
LEV.-2700
WATER RESERVOIR (FIRE)
CAPACTY-100000 LTS.
LEV.-2700
5100
2050
10700

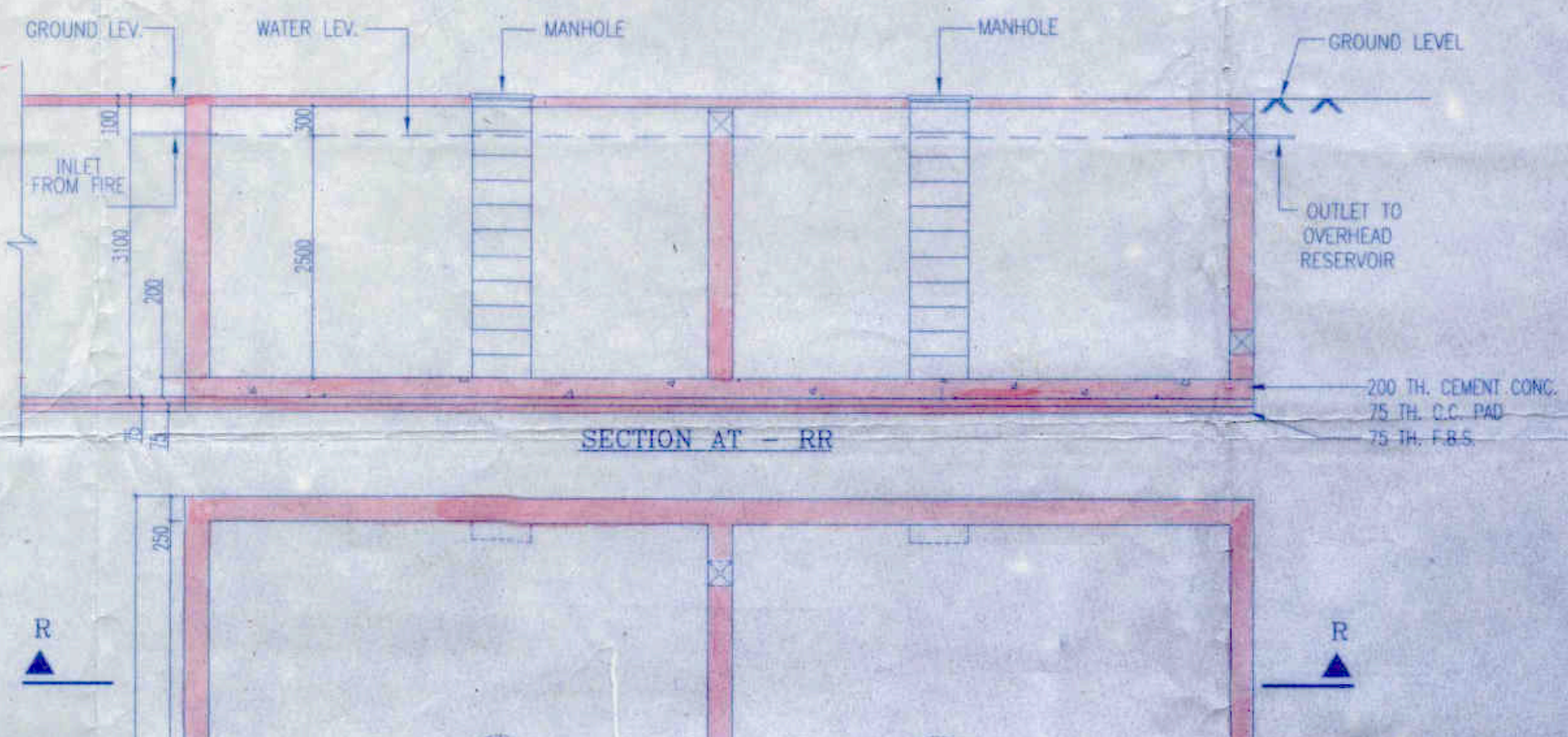
DETAIL OF UNDER GROUND RESERVOIR FOR FIRE & DOMESTIC, S.T.P. & FIRE PUMP ROOM
SCALE =1:100


F.G.L. ±0.00M
750X750 MANHOLE
750X750 MANHOLE
750X750 MANHOLE
SEWAGE INLET -1.0M (ASSUMED)
BOTTOM OF TANK – 4.25M
EQUALIZATION TANK
MBBR-I
MBBR-II
TUBE SETTLER
CLEAR WATER TANK
SLUDGE HOLDING TANK
TREATED WATER STORAGE TANK
LEV. – 4250
LEV. – 4250
1000
3000
3500
3400
3300
3200
3500
3500
4000
500

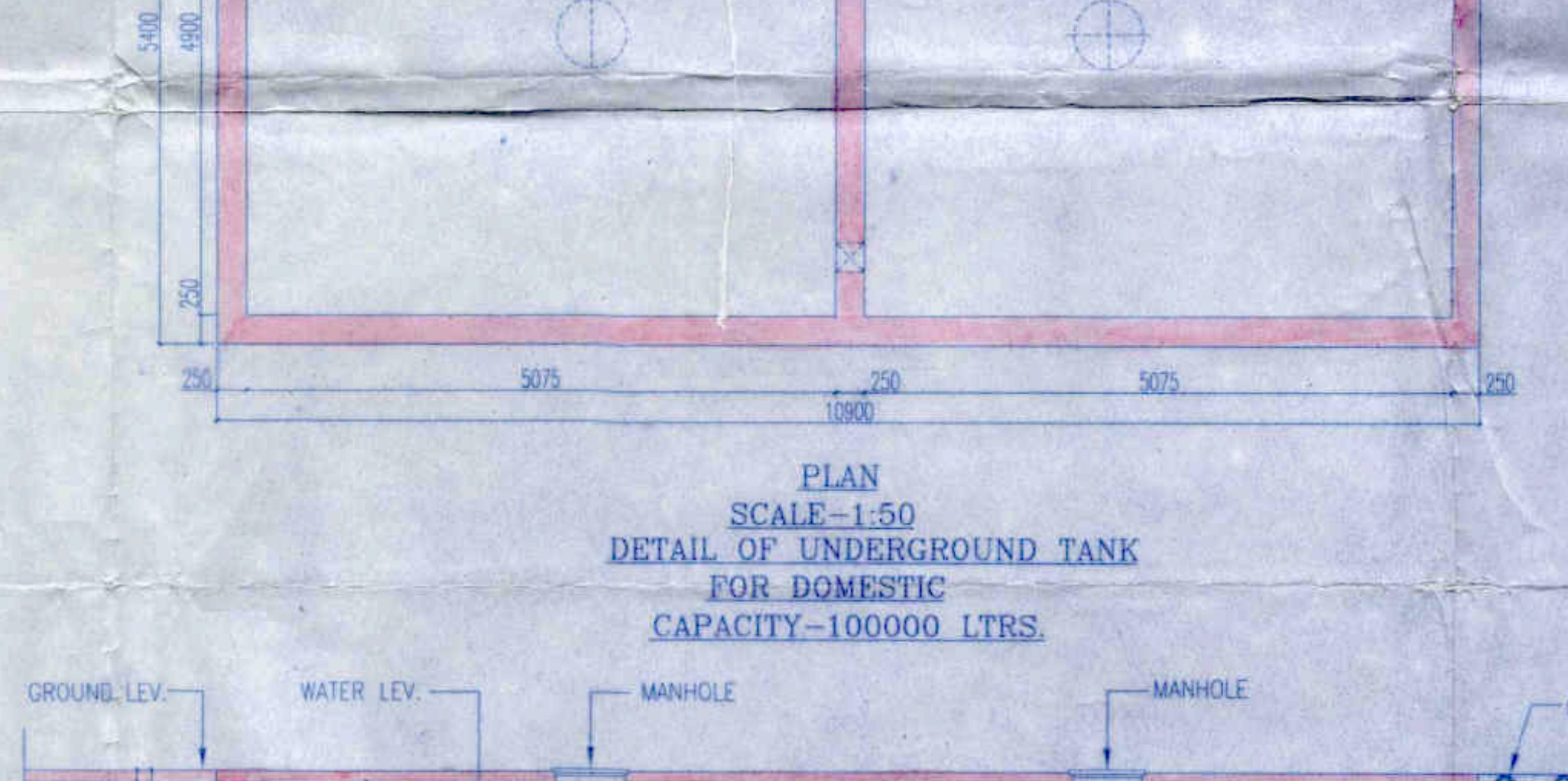
SECTION AT – YY
SCALE:–1:100


25050
S.T.P SPACE LVL. – 4250
MCC PANEL
A.C.F.
M.G.F.
FILTER PRESS
DRAIN CHANNEL-200 X 200 MM
DRAIN CHANNEL-200X200 MM
EQUALIZATION TANK
MBBR-I
MBBR-II
TUBE SETTLER
CLEAR WATER TANK
SLUDGE HOLDING TANK
TREATED WATER STORAGE TANK
Y
Y
5350
4850
2400
2200
250
3000
3250
3250
3250
3000
3000
4300
25050

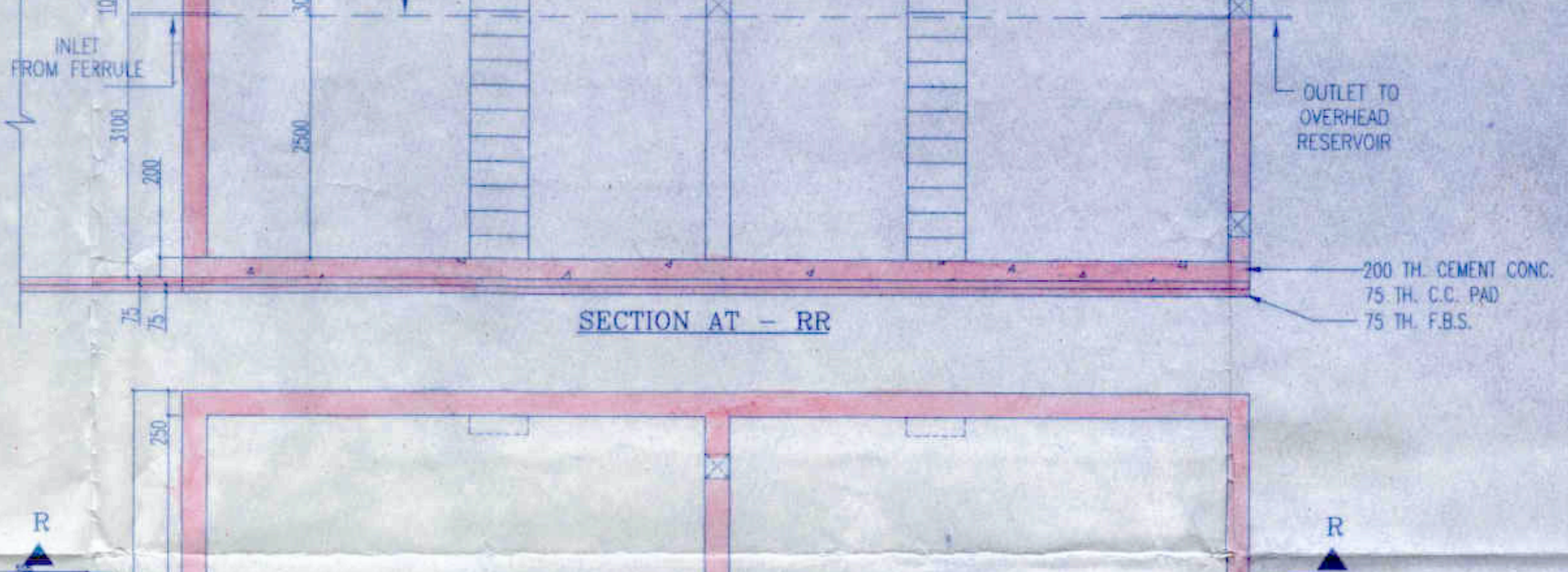
DETAIL OF S.T.P. (1000 USERS)
SECTION AT – YY
SCALE:–1:100


GROUND LEV.
WATER LEV.
MANHOLE
MANHOLE
GROUND LEVEL
INLET FROM FIRE
OUTLET TO OVERHEAD RESERVOIR
200 TH. CEMENT CONC.
75 TH. C.C. PAD
75 TH. F.B.S.
100
300
3100
2500
200
75
75

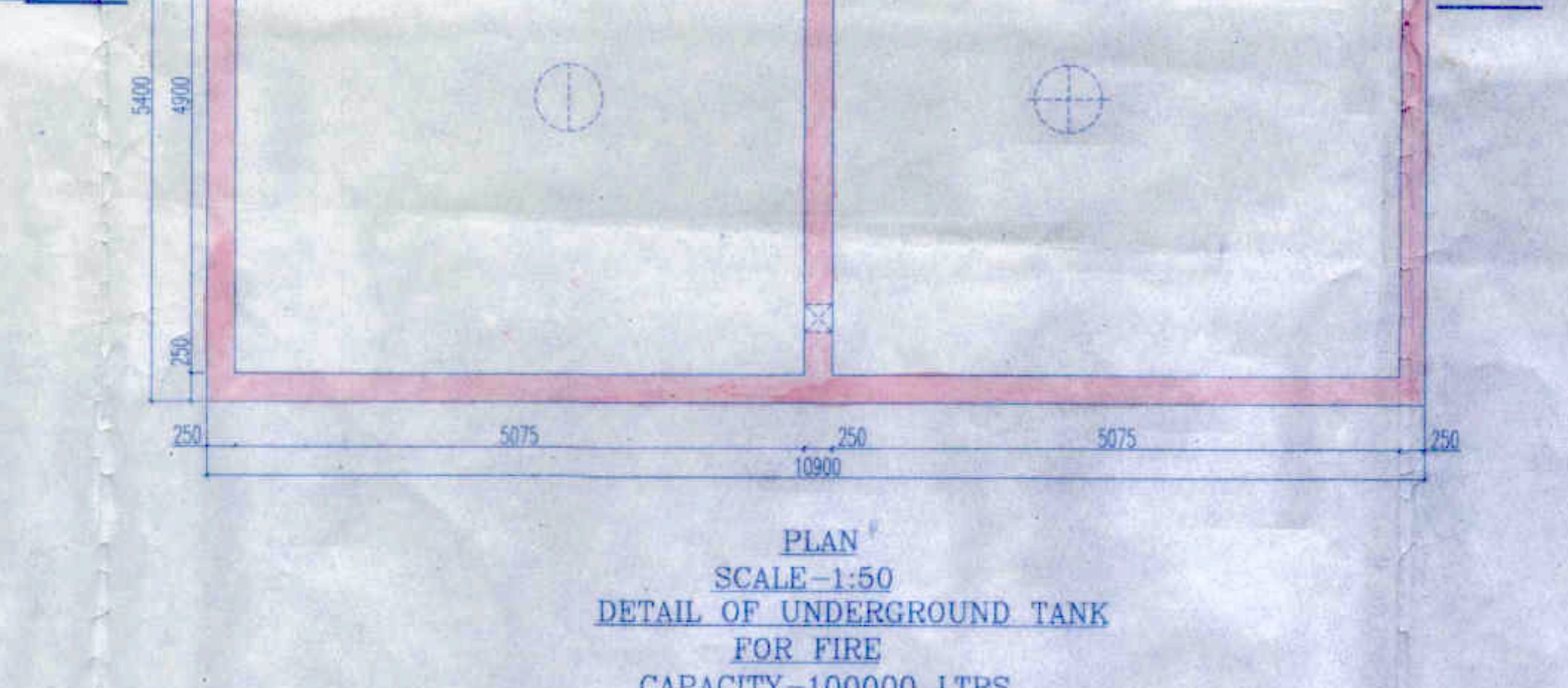
SECTION AT – RR


R
R
250
5400
4900
250
250
5075
250
5075
250
10900

PLAN
SCALE–1:50
DETAIL OF UNDERGROUND TANK
FOR DOMESTIC
CAPACITY–100000 LTRS.


GROUND LEV.
WATER LEV.
MANHOLE
MANHOLE
GROUND LEVEL
INLET FROM FERRULE
OUTLET TO OVERHEAD RESERVOIR
200 TH. CEMENT CONC.
75 TH. C.C. PAD
75 TH. F.B.S.

SECTION AT – RR


R
R
5400
4900
250
5075
250
5075
250
10900

PLAN
SCALE–1:50
DETAIL OF UNDERGROUND TANK
FOR FIRE
CAPACITY–100000 LTRS.

TITLE–
GROUND FLOOR PLAN, SITE PLAN, LOCATION PLAN, DETAIL OF SEPTIC TANK, DETAIL OF UNDER GROUND WATER RESERVOIR FOR FIRE & DOMESTIC & PUMP ROOM.

PROJECT
PROPOSED G+X (33.85 MT. HT.) & IV STORIED (14.70 MT. HT.) RESIDENTIAL BUILDING AT RS DAG NO.-968, 972, 973, 974, 977, 978, 986, 987, 988 & 991 RS KHATIAN NO.-435, 488, 592, 945, 389, 536 & 547 IN MOUZA-HATIARA, J.L. NO.-14, WARD NO – 13, P.S.-NEW TOWN, UNDER BIDHANNAGAR MUNICIPAL CORPORATION, Holding No. AS/103/19/13, Block – F
DISTRICT-NORTH 24 PARAGANAS,

DATE	JOB. NO.	DEALT	CHECKED	SHEET NO.
25.08.17	ARCH/618/2016	SMRITI		01 OF 10
SCALE 1:200	ARCHITECT			

N

RAJ AGARWAL & ASSOCIATES
8B,ROYD STREET, KOLKATA-16