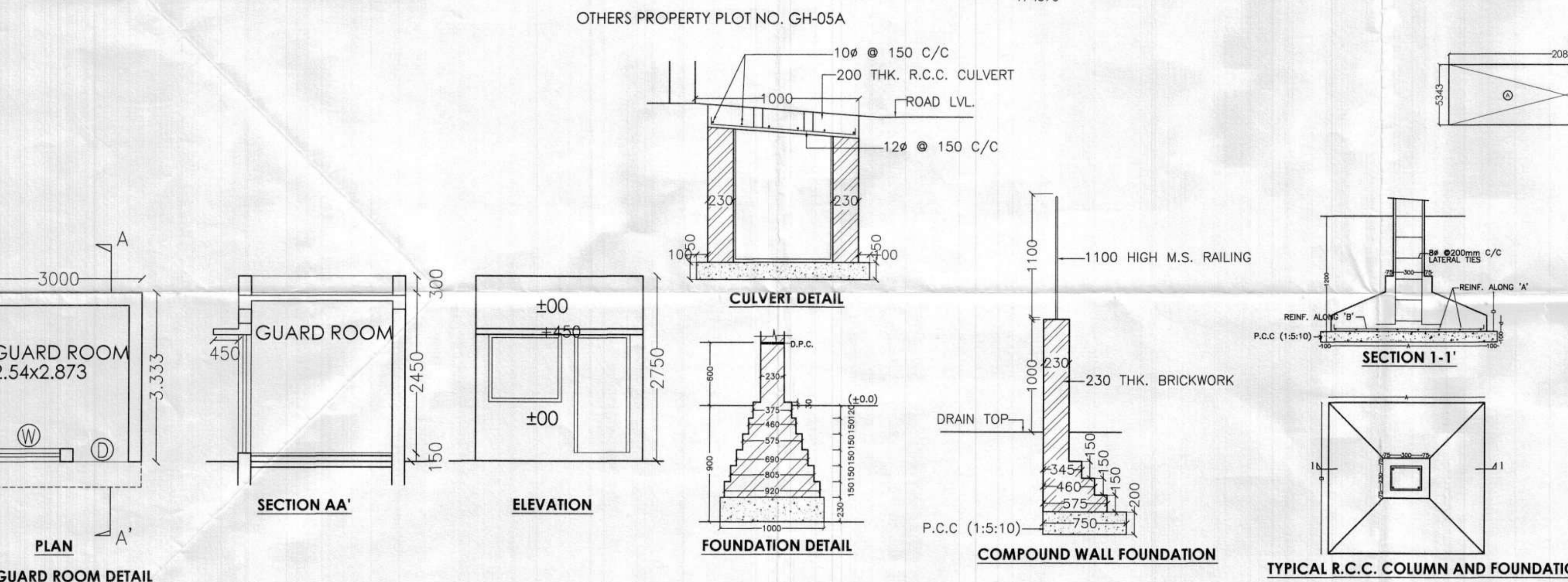
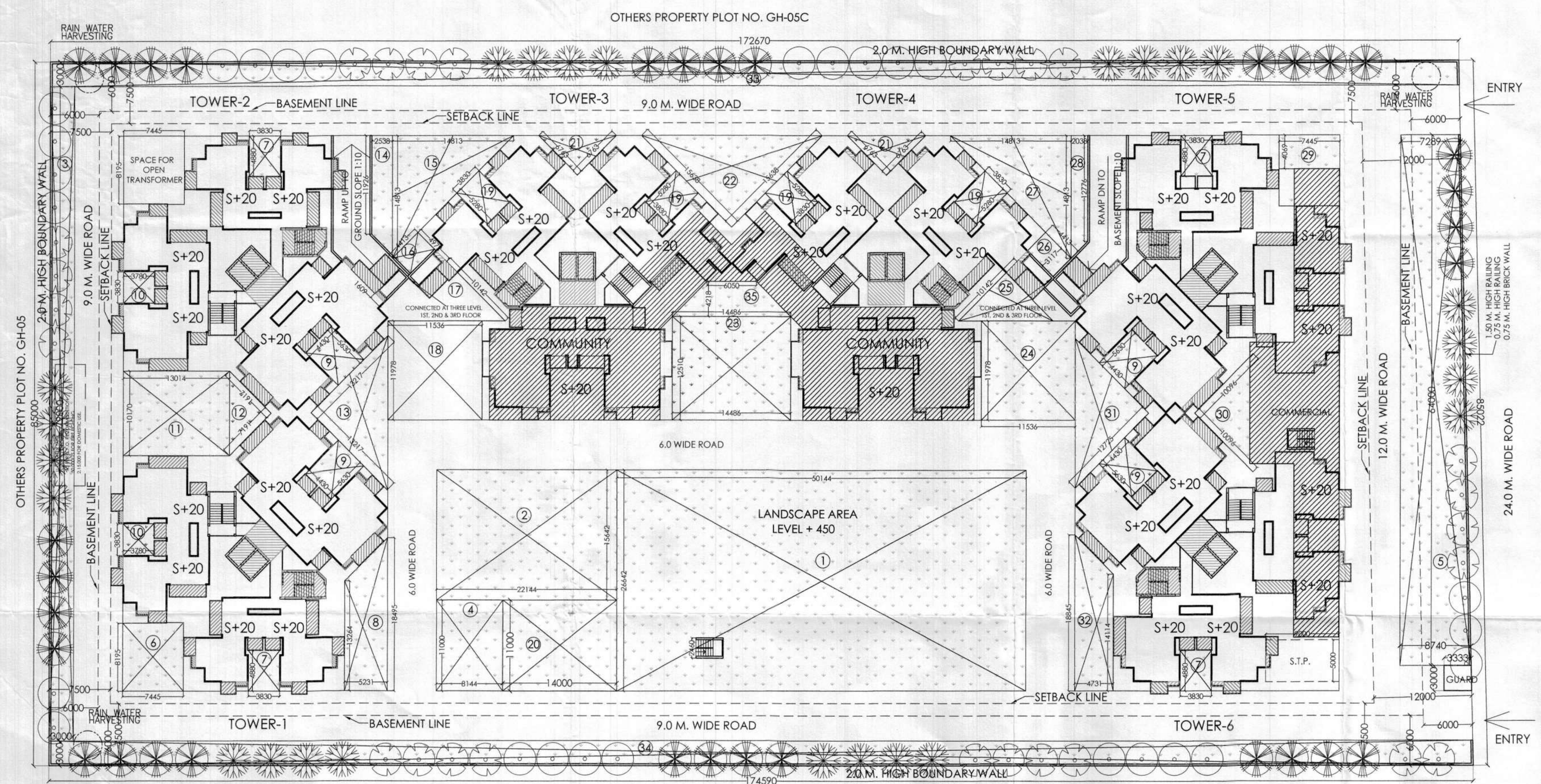
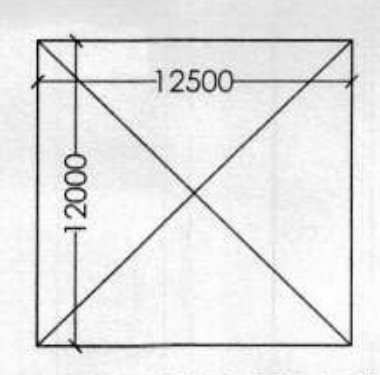




COVERED AREA FOR COMMERCIAL AT GROUND FLOOR :-
 $= (A)+(B)+(C)$
 $= A(20.873 \times 5.343) + B(14.654 \times 9.75) + C(20.898 \times 5.343)$
 $= A(111.524) + B(142.875) + C(111.658)$
 $= 366.057 \text{ SQ.M.}$



COVERED AREA DETAIL OF COMMERCIAL AT BASEMENT:-
 $= (12.50 \times 12.0)$
 $= 150.00 \text{ SQ.M.}$

S.NO.	PARTICULARS	F.A.R. %	AREA IN SQM.
1	TOTAL PLOT AREA		14760.000
2	PERMISSIBLE BASIC F.A.R @ 2.75	2.75	40590.000
3	PURCHASABLE F.A.R. FOR HOUSING @ .75	0.75	11070.000
4	TOTAL F.A.R. INCLUDING PURCHASABLE F.A.R	3.5	51660
5	PERMISSIBLE 15% FOR FACILITY OF TOTAL F.A.R. AREA		
6	15% OF 51660 = 7749 SQM.	15%	1660.500
7	PERMISSIBLE GROUND COVERAGE		
8	14760.00 @ 35% = 5166.00 SQM.	35%	5166.000
9	PROPOSED TOTAL GROUND COVERAGE	22.457%	3314.63
10	PERMISSIBLE AREA IN FAR FOR COMMERCIAL		
11	1% OF PERMISSIBLE FAR AREA	1%	405.900
12	PURCHASABLE AREA IN FAR FOR COMMERCIAL		
13	1% OF PURCHASABLE FAR AREA	1%	110.700
14	TOTAL F.A.R FOR COMMERCIAL		516.600
15	PROPOSED COMMERCIAL F.A.R. AREA		516.057
16	TOTAL F.A.R. ACHIEVED	3.499	51649.101
17	A) F.A.R ACHIEVED FOR RESIDENTIAL	51133.044	
18	B) F.A.R ACHIEVED FOR COMMERCIAL	516.057	
19	TOTAL FAR PROPOSED (A+B) = 51649.101 SQ.M.		
20	ACHIEVED AREA FOR FACILITY		6631.298
21	PROPOSED AREA IN 15% FACILITY AREA FOR HOUSING = COMMUNITY + FIRE STAIRCASE AREA + LIFT LOBBY AREA + MUMTY AREA + MACHINE ROOM AREA + CUPBOARD + GUARD ROOM + OVERHEAD TANK + S.T.P.		
22	PERMISSIBLE UNITS AS PER DENSITY = 1650 PPH @ 4.5 PERSONS PER UNIT i.e. UNITS AS PER 2.75 F.A.R		
23	= 14760 X 1650 / 10000 / 4.5		541.200
24	PURCHASABLE UNITS AS PER DENSITY = 450 PPH @ 4.5 PERSONS PER UNIT i.e. UNITS AS PER 0.75 F.A.R		
25	= 14760 X 450 / 10000 / 4.5		147.600
26	TOTAL UNITS INCLUDING PURCHASABLE FAR		688
27	PROPOSED UNITS		688
28	PROPOSED DENSITY		
29	FOR 688 UNITS = 688 x 4.5 x 10000 / 14760		2097.561
30	REQUIRED GREEN = 50% OF OPEN AREA		
31	OPEN AREA = PLOT AREA - GROUND COVERAGE		
32	= 50% OF (14760 - 3314.63) = 5722.685 SQM.		5722.685
33	PROPOSED GREEN		5765.039
34	REQUIRED NO. OF TREES		
35	1 TREE PER 100 SQM. OF OPEN AREA = (PLOT AREA - GROUND COVERAGE) / 100		
36	= (14760 - 3314.63) / 100 = 114 TREES		114
37	NO. OF TREES PROPOSED		130
38	STILTS AREA		1691.025
39	TOTAL BASEMENT AREA		23597.468
40	A) UPPER BASEMENT AREA	11798.734	
41	B) LOWER BASEMENT AREA	11798.734	
42	TOTAL (A+B)	23597.468	
43	PARKING REQUIRED @ 1 ECS / 80 SQM OF FAR AREA		
44	= 51660 / 80 = 648 ECS		646
45	PROPOSED PARKING		684
46	A) TOTAL UPPER BASEMENT PARKING AREA = 9424.033 @ 30 SQM PER ECS = 9424.033 / 30 = 314 ECS		314
47	B) TOTAL LOWER BASEMENT PARKING AREA = 9424.033 @ 30 SQM PER ECS = 9424.033 / 30 = 314 ECS		314
48	C) STILTS PARKING AREA = 1691.025 @ 30 SQM PER ECS = 1691.025 / 30 = 56 ECS		56
49	TOTAL PARKING (A + B + C)		684
50	TOTAL BUILT-UP AREA		83568.892
51	A) TOTAL FAR AREA	51649.101	
52	B) TOTAL NON FAR AREA	25288.493	
53	C) TOTAL FACILITY AREA	6631.298	
54	TOTAL A+B+C	83568.892	

TOTAL ELECTRICAL LOAD:- = 2050.00 KW