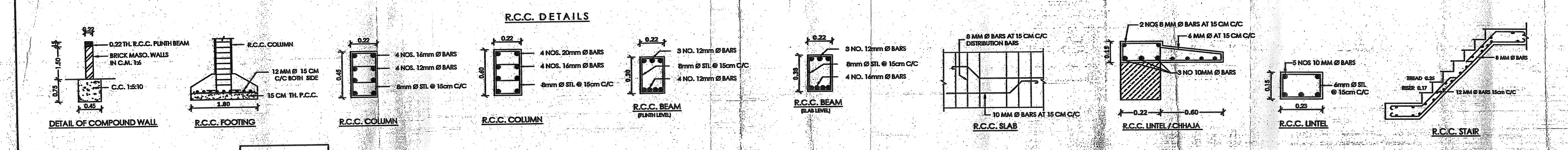
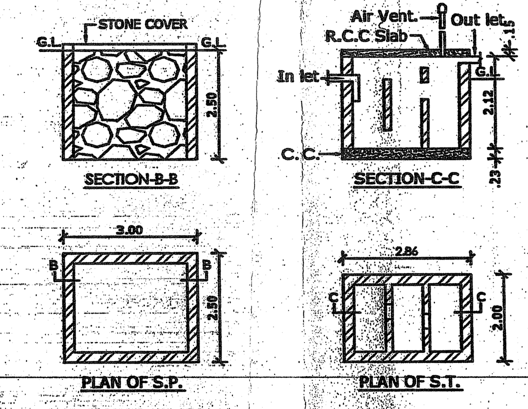
PROP. RESI. APARTMENT BUILDING PLAN FOR Mr. RASIKLAL JIVANBHAI PATEL ON F. P. NO. - 29, O. P. NO. - 20, OF REV. SURVEY NO. - 2008/P, TOWN PLANNING SCHEME NO. - 2, AT-SURENDRANAGAR.

R.C.C. DETAILS



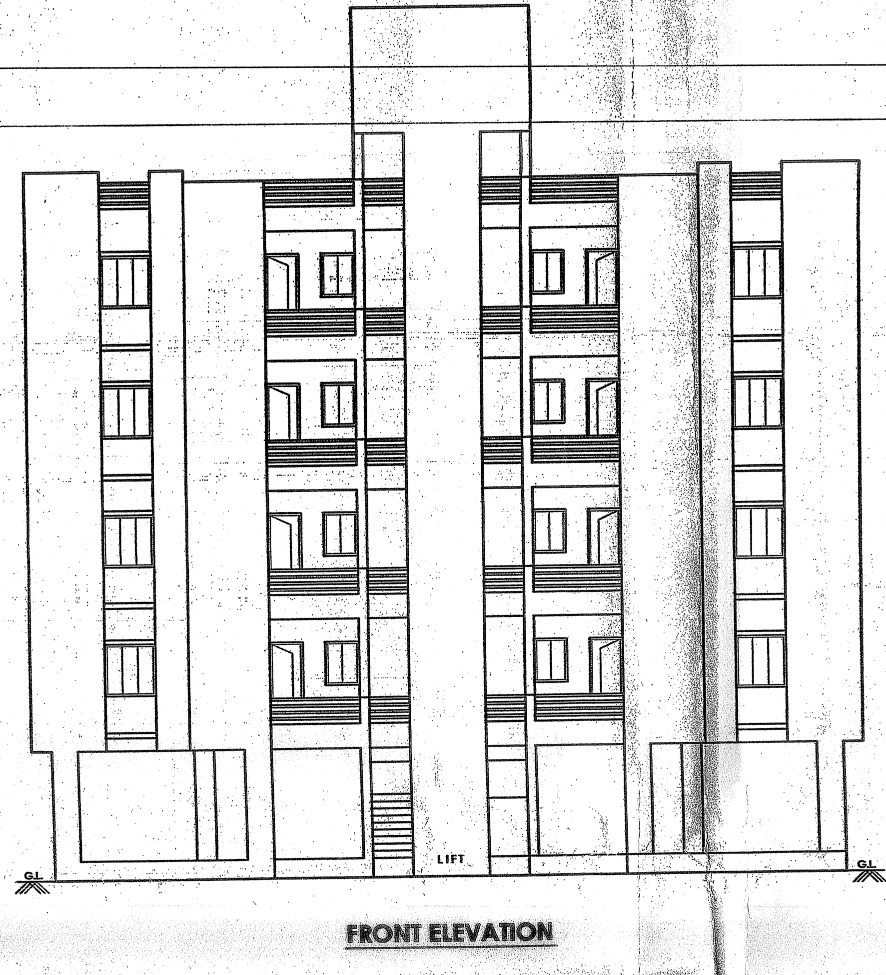
DETAIL OF COMPOUND WALL — R.C.C. FOOTING — R.C.C. COLUMN — R.C.C. COLUMN — R.C.C. BEAM (PLINTH LEVEL) — R.C.C. BEAM (SLAB LEVEL) — R.C.C. SLAB — R.C.C. LINTEL / CHHAJA — R.C.C. LINTEL — R.C.C. STAIR



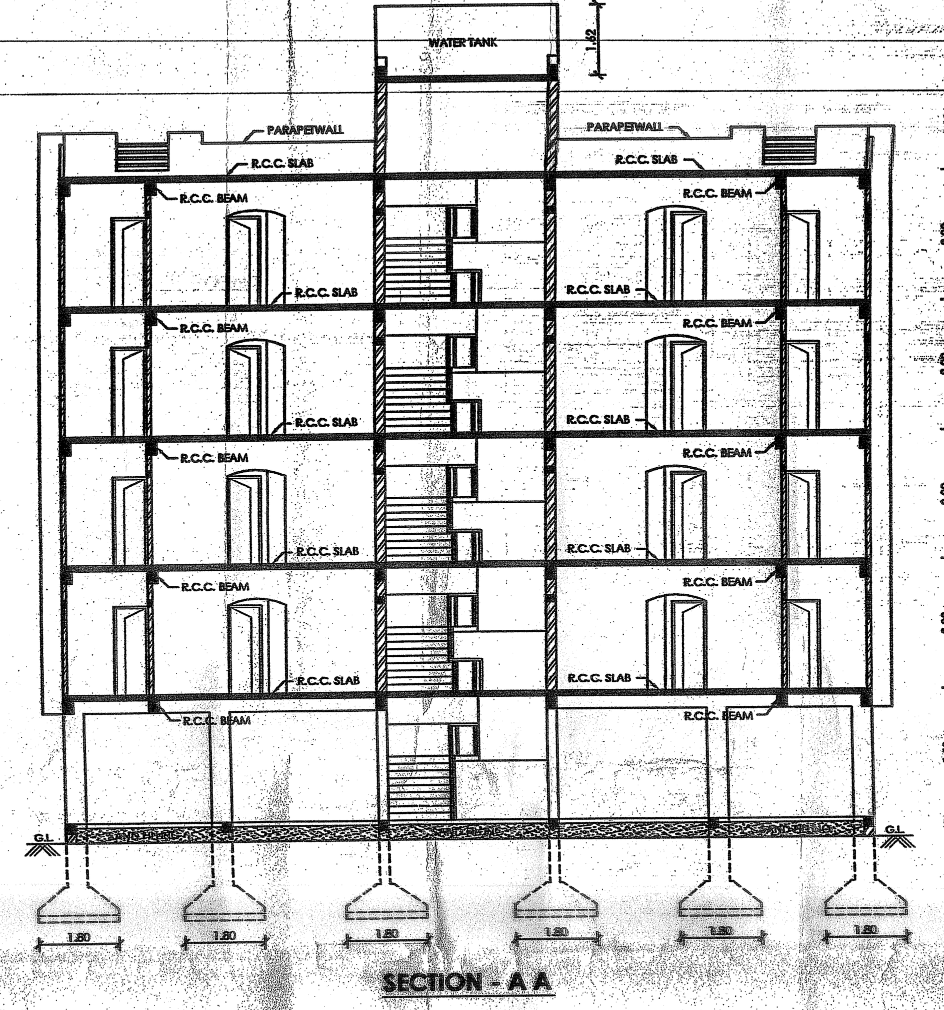
SECTION-B-B — SECTION-C-C — PLAN OF S.P. — PLAN OF S.T.

SCALE : 1 CM = 1 MT.

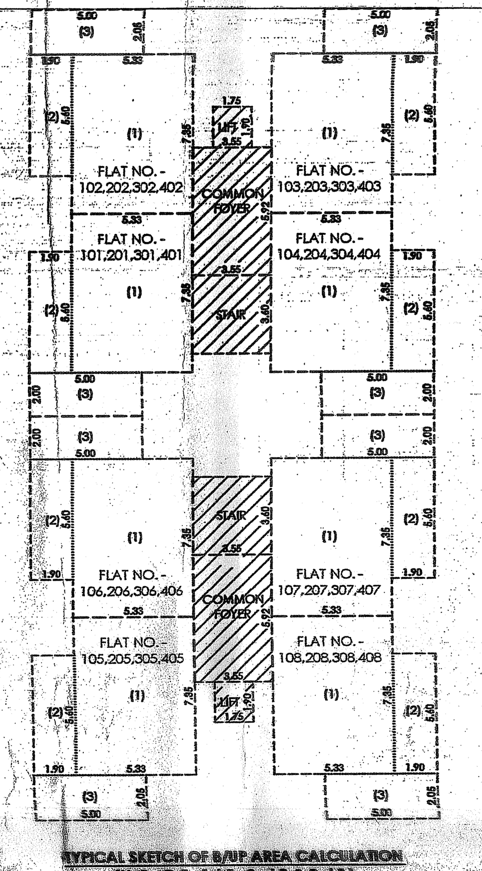
COLOR LEGEND :-
- SHOWS PROPOSED WORK
- SHOWS PLOT BOUNDRY
- SHOWS ROAD
- (PW) SHOWS PERCOL. WELL



FRONT ELEVATION



SECTION - A A



TYPICAL SKETCH OF B/U AREA CALCULATION (H. P., G.F., 1st F., 2nd F. & 3rd F.)

B/U area calculation Typical Floor Plan G.F. to 3rd Floor			
Flat No. - 101,102,103,104 105,106,107,108			
Flat No. - 201,202,203,204 205,206,207,208			
Flat No. - 301,302,303,304 305,306,307,308			
Flat No. - 401,402,403,404 405,406,407,408			
Sr. No.	Length	Width	Total
Flat No. - 101,201,301,401			
Flat No. - 104,204,304,404			
Flat No. - 106,206,306,406			
Flat No. - 107,207,307,407			
1	5.33	7.35	39.18
2	1.90	5.60	10.64
3	5.00	2.00	10
Flat area			59.82
Number of Flat			4.00
Total B/U area			239.28
Flat No. - 102,202,302,402			
Flat No. - 103,203,303,403			
Flat No. - 105,205,305,405			
Flat No. - 108,208,308,408			
1	5.33	7.35	39.18
2	1.90	5.60	10.64
3	5.00	2.05	10.25
Flat area			60.07
Number of Flat			4.00
Total B/U area			240.28
Total B/U area of flat			479.56
Common Utility			
Stair			
2	3.55	3.60	25.56
Lift			
2	1.75	1.90	6.65
Common Foyer			
2	3.55	5.92	42.03
Total B/U area co. uti.			74.24
Net Total B/U Area			553.80

F. S. I. Area calculation Typical Floor plan G. F. To 3rd Floor			
Sr. No.	Length	Width	Total
Deduction			
Stair			
2	3.55	3.60	25.56
Lift			
2	1.75	1.90	6.65
Common Foyer			
2	3.55	5.92	42.03
Total			74.24
TOTAL B/U AREA OF			553.8
DED. AREA STAIR, LIFT & FOYER			74.24
F. S. I. AREA			479.56

B/U area calculation Stair & Lift Cabin			
Sr. No.	Length	Width	Total
Stair & Lift Cabin			
2	3.99	9.52	75.97
2	1.75	1.90	6.65
Net Total B/U Area			82.62

SCHEDULE		
DOOR	D1	1.05 X 2.05
DOOR	D2	0.90 X 2.05
DOOR	D3	0.75 X 2.05
WINDOW	W1	1.64 X 2.00
WINDOW	W2	1.50 X 2.00
WINDOW	W3	1.15 X 2.00
WINDOW	W4	0.75 X 2.00
VENTILATION	V1	0.60 X 0.45

TREE PLANTATION CALCU.		
200.00 Sq.Mt. - 3 TREE		
LAND AREA :-	1066.00	Sq.Mt.
1066 X 3 / 200	15.99	TREE
SAY	16.00	TREE
PROVIDED	17.00	TREE
PERCOLATION WELL		
AS PER REGU. 23.2.2.D. EVERY 4000 Sq. Mt. PROVIDE PERCOLATION PIT WITH RAIN WATER HARVESTING SYSTEM SHALL BE PROVIDE		
PROVIDED	1.00	P.W.

PARKING AREA TABLE	
REQ. PARKING @ 25% OF TOTAL UTILIZED F.S.I. AREA 1066.00 X 1.80 X 25 % = 479.70 Sq. Mt.	
REQ. PARKING	479.70
REQ. CAR PARKING @ 50%	239.85
REQ. OTHER PARKING @ 30%	143.91
REQ. VISITOR PARKING @ 20%	95.94
PROVIDED PARK. AREA	IN Sq.Mt.
AT HOLLOW PLINTH	
CAR PARKING	244.20
OTHER PARKING	157.24
VISITOR PARKING	92.14
PRO. PARK. AREA (25.72 % OF TOTAL F.S.I.)	493.58

Parking Area Calculation				
Sr. No.	No.	Length	Width	Total
Car Parking				
C1	4	5.00	6.13	122.60
C2	2	5.00	12.16	121.60
				244.20
Visitor Parking				
V1	8	1.90	1.52	23.10
V2	4	5.53	2.00	44.24
V3	4	3.10	2.00	24.80
				92.14
Other Parking				
O1	4	2.23	4.08	36.39
O2	2	2.23	16.16	72.07
O3	1	3.78	5.74	21.70
O4	2	5.33	2.54	27.08
				157.24
Total Parking Area				493.58

FLOOR WISE UNIT AREA TABEL		
FLOOR	FLAT NO.	B/U AREA
H. PLINTH		553.80
	TOTAL	553.80
GR. FL.	101	59.82
	102	60.07
	103	60.07
	104	59.82
	105	60.07
	106	59.82
	107	59.82
	108	60.07
	STAIR & LIFT	74.24
	TOTAL	553.80
1st. FL.	101	59.82
	102	60.07
	103	60.07
	104	59.82
	105	60.07
	106	59.82
	107	59.82
	108	60.07
	STAIR & LIFT	74.24
	TOTAL	553.80
2nd. FL.	101	59.82
	102	60.07
	103	60.07
	104	59.82
	105	60.07
	106	59.82
	107	59.82
	108	60.07
	STAIR & LIFT	74.24
	TOTAL	553.80
3rd. FL.	101	59.82
	102	60.07
	103	60.07
	104	59.82
	105	60.07
	106	59.82
	107	59.82
	108	60.07
	STAIR & LIFT	74.24
	TOTAL	553.80
STAIR & LIFT CABIN	-	82.62
	TOTAL	82.62
TOTAL	32	2851.62

ZONE	OLD D.P.	NEW D.P.
	T.P.S. NO. - 2 (S'NAGAR)	RESIDENTIAL - 1
USE	MERCANTILE - 1B	

AREA TABLE	
PLOT AREA (A) :-	1066.00 SQ.MT.
NET G.F. BUILT UP (AA) :-	553.80 SQ.MT.
PARKING AREA (G. F.) :-	493.58 SQ.MT.

FLOOR WISE AREA TABLE :			
FLOOR	Util. B/U TOTAL IN SQ.MT.	DEDU. TOTAL SQ.MT.	F.S.I. Util. IN Sq.Mt.
H. P.	553.80 (51.951%)	553.80 (51.951%)	00.00 (00.00%)
GR. FL.	553.80 (51.951%)	74.24 (6.964%)	479.56 (44.987%)
1st. FL.	553.80 (51.951%)	74.24 (6.964%)	479.56 (44.987%)
2nd. FL.	553.80 (51.951%)	74.24 (6.964%)	479.56 (44.987%)
3rd. FL.	553.80 (51.951%)	74.24 (6.964%)	479.56 (44.987%)
CABIN	82.62 (7.750%)	82.62 (7.750%)	0.00 (0.00%)
TOTAL	2851.62 (267.505%)	933.38 (87.558%)	1918.24 (179.947%)

F.S.I. TABLE	
F.S.I. PERMISSIBLE : 1.800	1918.80 Sq.Mt.
NET F.S.I. UTILIZED : 1.799	1918.24 Sq.Mt.
F.S.I. BALANCE : 0.001	0.56 Sq.Mt.

OWNER

CREATION ENGINEERS
Amit K. Moghariya
Consulting Civil Engineer
Licence No.SWUDA/EOR/05
Mo.:96620 09100
SURENDRANAGAR

CREATION ENGINEERS
Amit K. Moghariya
Consulting Civil Engineer
Licence No.-SWUDA/COWOR-1/56
Mo.-96620 09100
Surendranagar.

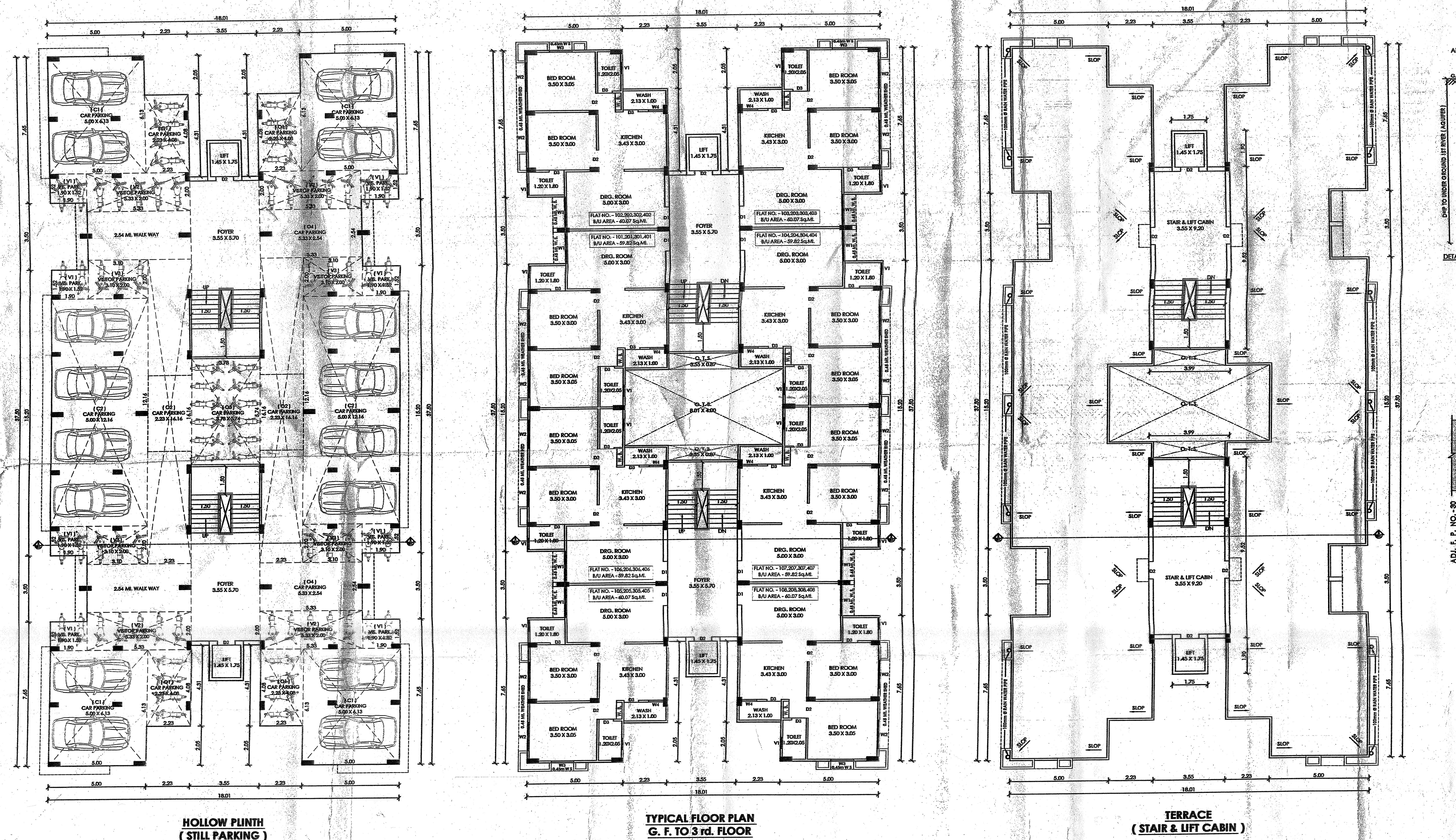
ENGINEER

D. K. SELARKA
B.E. (Civil)
Consulting Civil Engineer
Structural Designer
Govt. Regd. Valuer
SURENDRANAGAR.

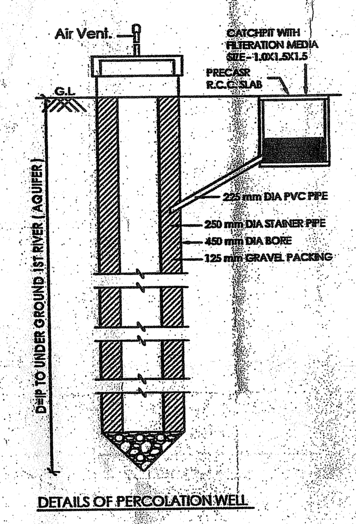
STRUCTURE ENGINEER

વિકાસ પરવાનગી નં.સ્‍વુડા/વિ.પ./રજી. નં. ...... તારીખ ...... ની તમામ શરતોને આધિન પ્લાન માન્ય કરવામાં આવેલ છે.

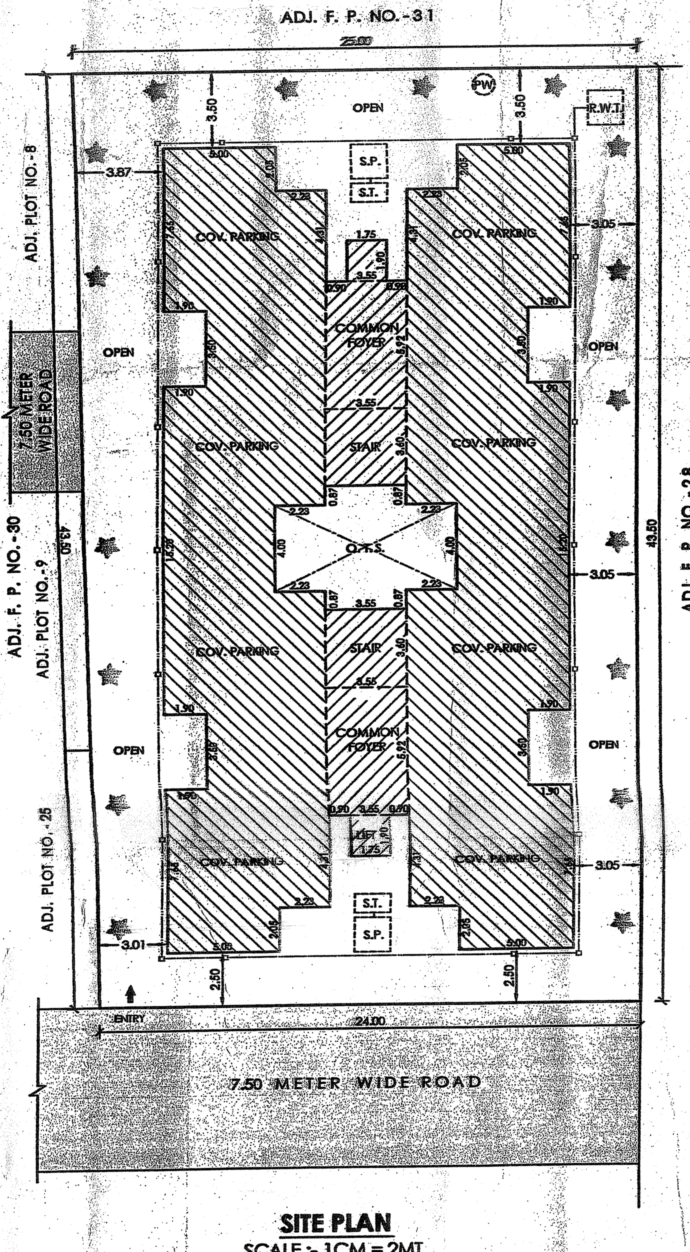
AUTHORITY



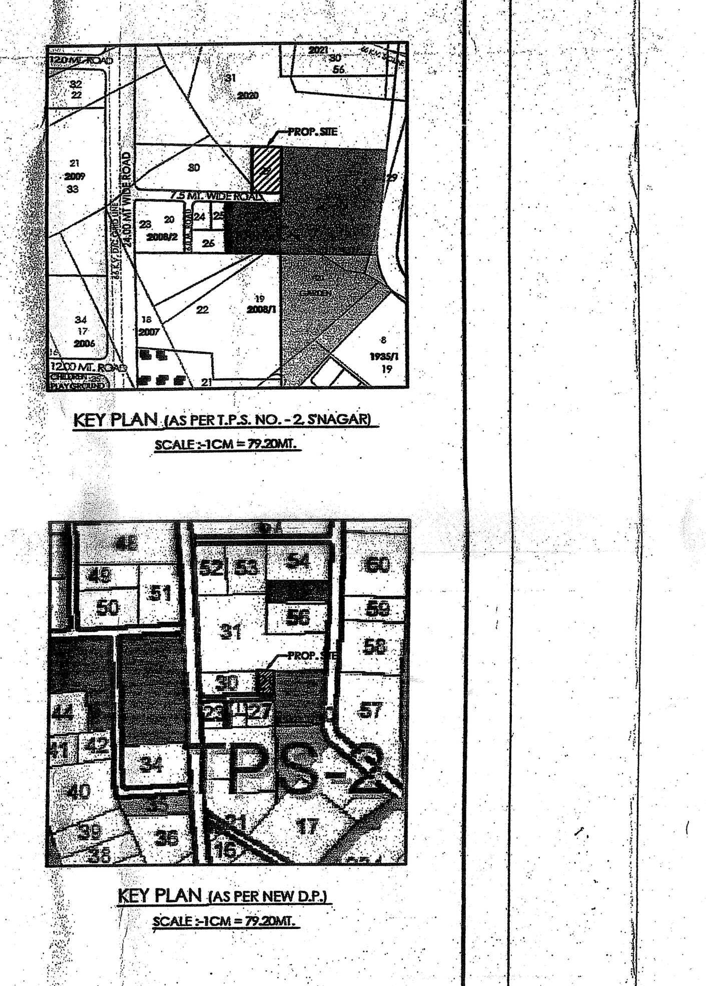
HOLLOW PLINTH (STILL PARKING) — TYPICAL FLOOR PLAN G. F. TO 3 rd. FLOOR — TERRACE (STAIR & LIFT CABIN)



DETAILS OF PERCOLATION WELL



SITE PLAN
SCALE :- 1CM = 2MT.



KEY PLAN (AS PER T.P.S. NO. - 2, S'NAGAR)
SCALE :- 1CM = 79.20MT.

KEY PLAN (AS PER NEW D.P.)
SCALE :- 1CM = 79.20MT.