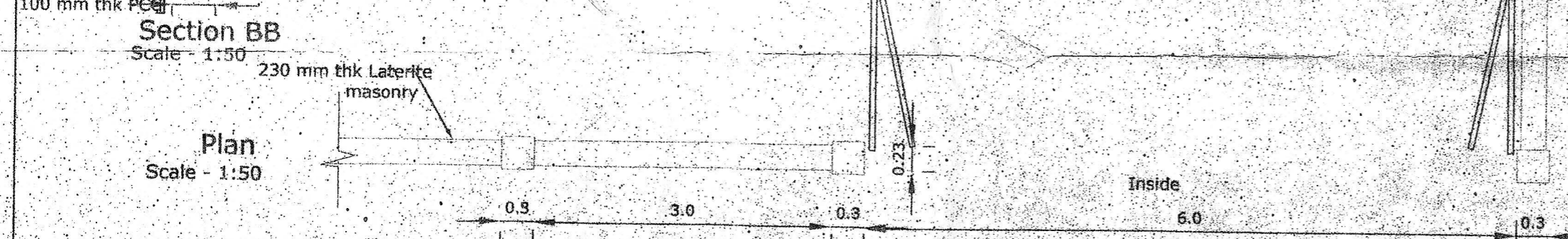
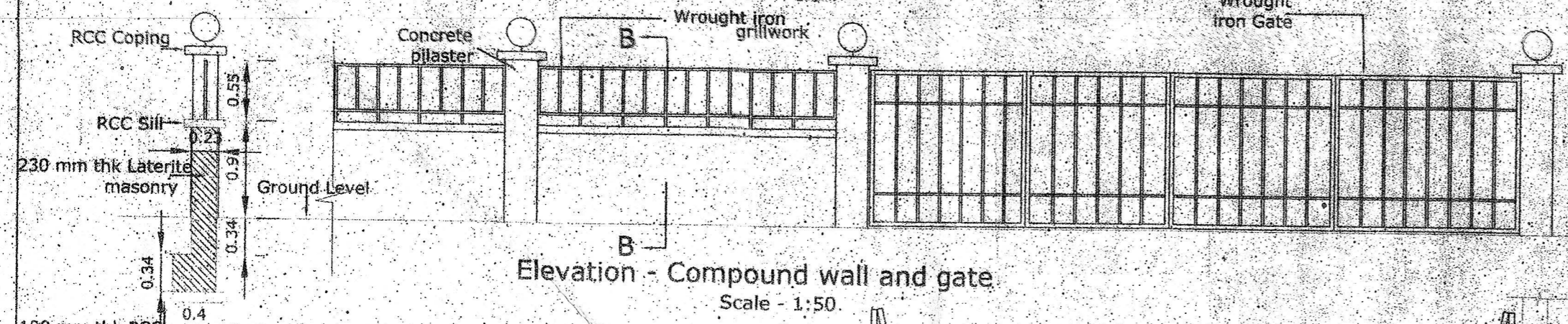


APPROVED FROM PLANNING DEPT.
 SUBJECT TO CONDITIONS
 FILE ORDER No. 50/14/573/1993/2020
 DATED 21 JUL 2020



SECRETARY
 VILLAGE PANCHAYAT CALANGUTE



SOLAR WATER HEATER / SOLAR ENERGY CAPTURING SYSTEM CALCULATION				
BUILDING	NO. OF PERSON	HOT WATER REQUIREMENT	TOTAL REQUIREMENT	CAPACITY PROVIDED
SERVICE APARTMENTS	18 X 2 = 36 NOS	36 PERSONS @ 10 LITRES / PERSON = 360 LITRES	360 LITRES	800LITRES

CALCULATION FOR SOLID WASTE		
CATEGORY	APPROX. GENERATION MAX.	QUANTITY
TOILET SOLID WASTE FROM SERVICE APARTMENT (36 POPULATION)	0.30 KG/PERSON/DAY	ABOUT 10.8 KG/DAY
BIODEGRADABLE WASTE	60% OF TOTAL SOLID WASTE	ABOUT 6.50 KG/DAY
NON BIODEGRADABLE WASTE	60% OF TOTAL SOLID WASTE	ABOUT 4 KG/DAY
TOTAL REQUIREMENTS		PROVISION PROVIDED
SOLID WASTE VERMI COMPOSTING UNIT		6.75 CU.M. VOLUME

CALCULATION FOR SEWAGE TREATMENT PLANT		
SR. NO	BUILDING	NO. OF PERSONS
1	SERVICE APARTMENT	2X18=36 NOS
2	ADDITIONAL USAGE	20 NOS
TOTAL		56 NOS
TOTAL REQUIREMENTS		PROVISIONS PROVIDED
SEWAGE TREATMENT PLANT	56 X 135 LITRES PER PERSON = 7560 LITRES = 7.56 CU.M. VOLUME	5.00MX2.00MX3.00M D 30.00 CU.M. VOLUME

PARKING DETAILS FOR PROPOSED BUILDING			
FLOOR AREA	USE	PARKING REQUIRED	PARKING PROVIDED
1 PER SER.APT	RESIDENTIAL	18 NOS	18 NOS

RAIN WATER HARVESTING TANK CAPACITY
 2 PERSONS /SERVICE APPTX18
 NOS=36 PERSONSX200LTS/PERSON=7200
 PROVISION REQUIRED=7200 LTS
 PROVISION PROVIDED=15000 LTS

AREA STATEMENT	
PLOT AREA	= 1025.00 Sq.m
AREA UNDER ROAD WIDENING	= NIL.00 Sq.m.
EFFECTIVE PLOT AREA	= 1025.00 Sq.m.
PERMISSIBLE COVERAGE	= 410.00 Sq.m = 40%
PROPOSED COVERAGE	= 278.21 Sq.m = 27.14 %
PERMISSIBLE F.A.R. = 820.00 Sq.m. = 80%	
PROPOSED F.A.R = 819.963 Sq.m. = 79.99 %	
PROPOSED 7.5% FREE OF F.A.R OF THE FLOOR AREA = 49.088 Sq.mts. (5.98%)	
PROPOSED TOTAL INFRASTRUCTURE TAX AREA = 1530.533 M ²	
PROJECT : PROPOSED SERVICE APARTMENT (REVISED PLANS), COMPOUND WALL AND POOL ON PLOT BEARING SURVEY NO. 370/12 AT CALANGUTE VILLAGE OF BARDEZ TALUKA -GOA	
STATUS : REVISED SUBMISSION DRAWING	

FLOOR REF	USE	NET FLOOR AREA (A)	AREAS FREE FROM F.A.R							TERRACE (H)	POOL (I)	PARKING (J)	TOTAL B.U. AREA (A+B+C+D+E+F+G+H+I+J)
			VER/BAL & Corridor (B)	STAIR (C)	LIFT (D)	RAMP (E)	Maintainace room (F)	7.5% Ar. FREE (G)					
SERVICE APARTMENT	BASEMENT FL.	Residence			20.29								567.676
	STILT FL.	Residence			20.29	7.296						250.624	278.21
	U.GROUND FL.	Residence	228.026	67.26	30.19								325.476
	FIRST FL.	Residence	228.026	67.26	30.19								325.476
	SECOND FL.	Residence	228.026	67.26	30.19								325.476
	THIRD FL.	Residence	195.885	40.11	30.19				49.088	45.076			300.349
TOTAL			819.963	241.89	161.34	7.296	134.0	23.10	49.088	45.076	48.78	592.13	2122.663

TOTAL BUILT UP = 2122.663 SQ.M

DATE: 20/01/20
 SCALE: 1:100, 1:50, 1:250

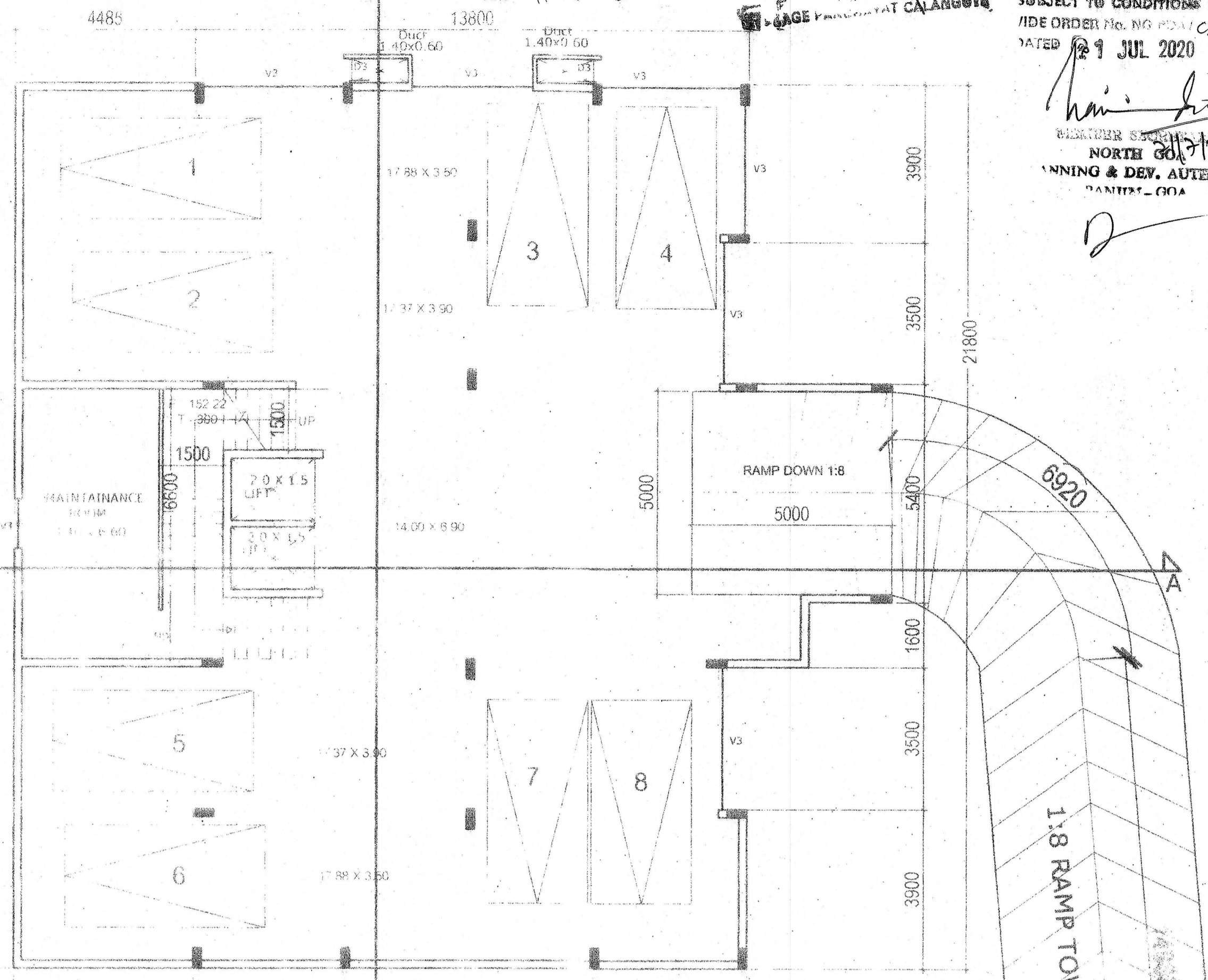
OWNER:
 MR. ASHISH MALHOTRA & MR. GAURAV KHATTAR
 MR. ARUN MALHOTRA & MR. GAURAV KALRA

ENGINEER:
 PARESH GAITONDE
 PARESH GAITONDE RCC CONSULTANT
 T15, 3rd Floor, Campal Trade Centre,
 Behind Military Hospital Campal, Panaji, Goa.
 TEL. NOS. : 2423527(0) / 2456642 (R)

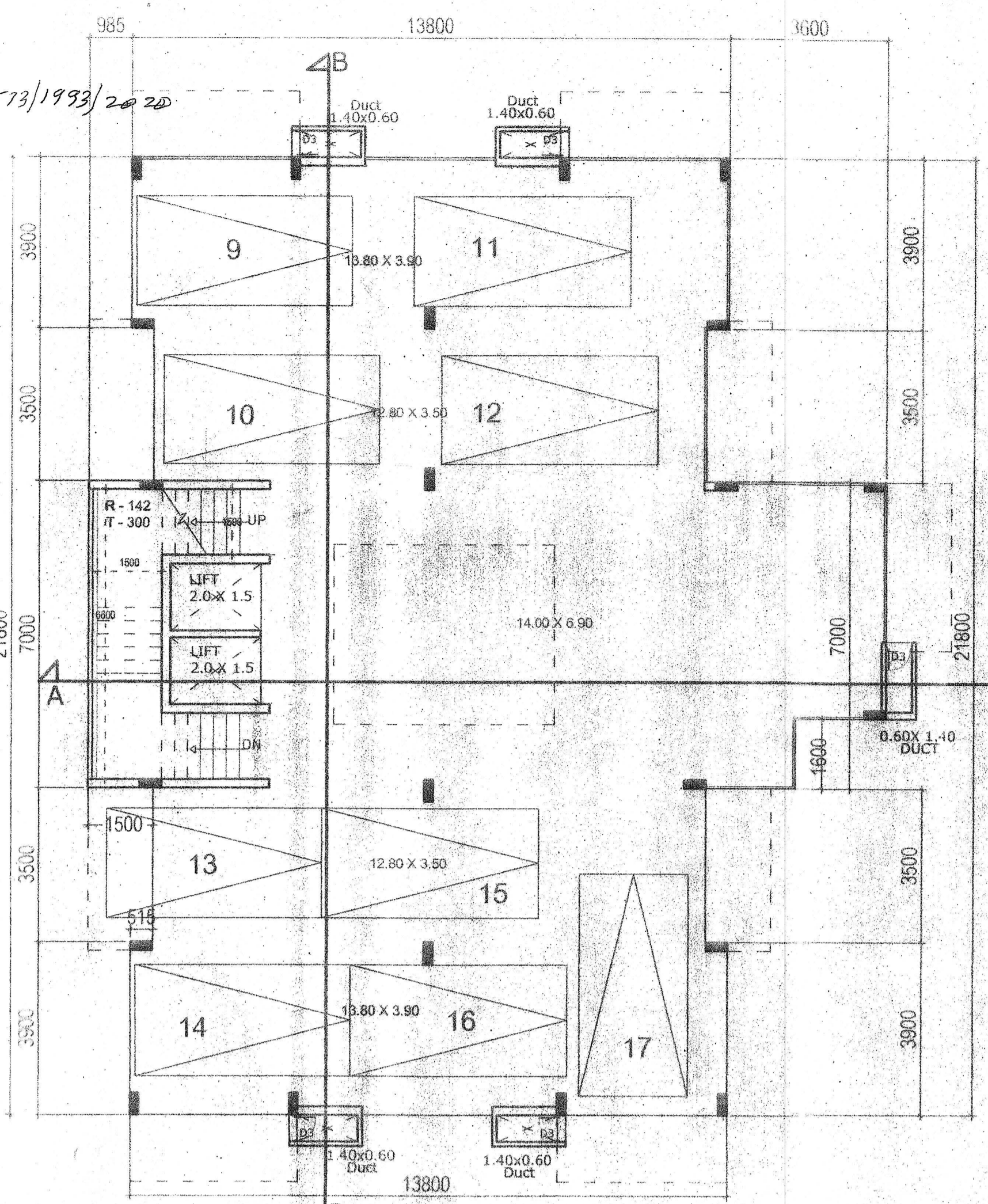


APPROVED WITH PERMISSION
 No. 1235/13/18/20-21/1835
 Date: 11/8/2020
 PARESH GAITONDE
 ARCHITECT
 CALANGUTE, GOA

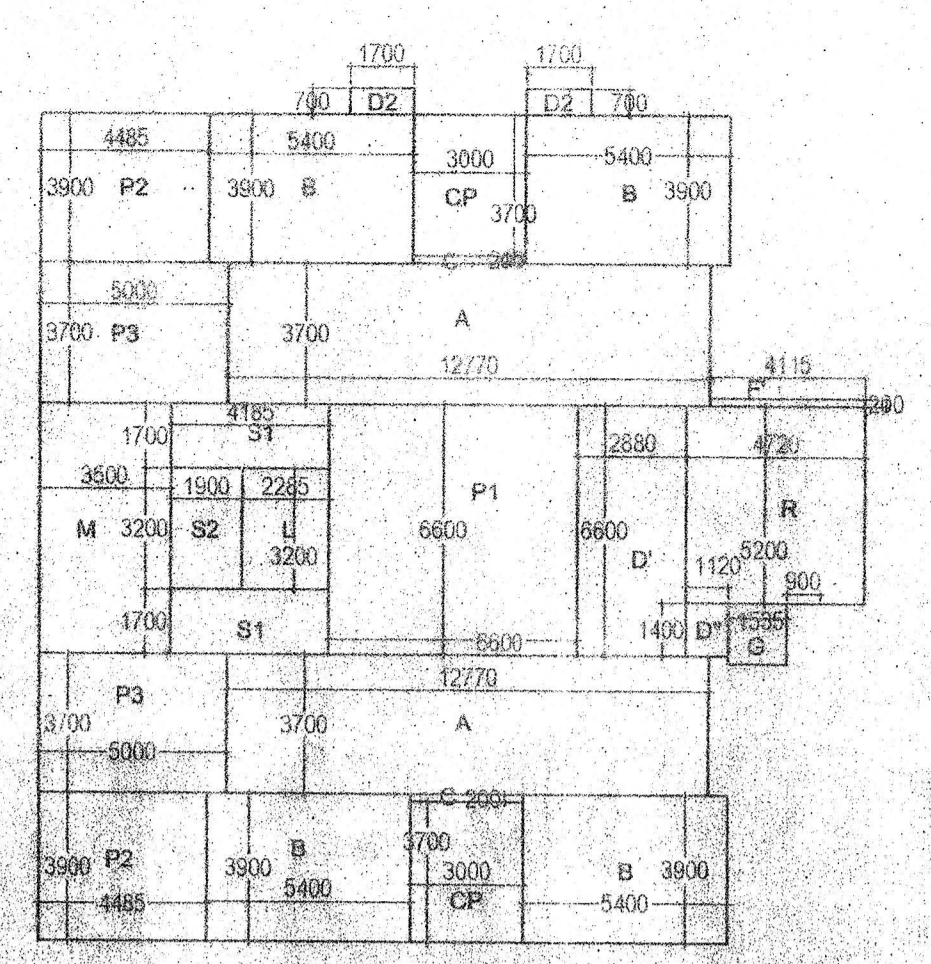
APPROVED FROM PLANNING POB
 SUBJECT TO CONDITIONS SHOWN
 FILE ORDER No. NS/POB/CA/44/573/1993/2020
 DATED 12 JUL 2020
 NORTH GOA
 PLANNING & DEV. AUTHORITY
 PANAJI, GOA



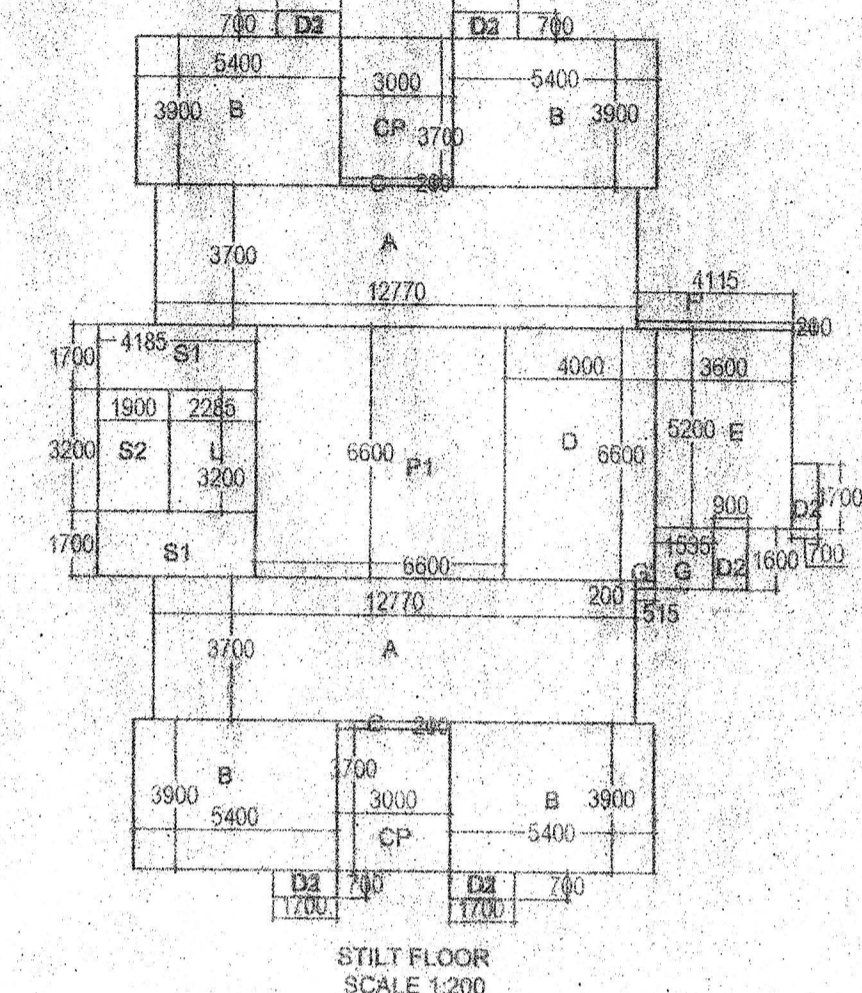
BASEMENT FLOOR PLAN
 SCALE: 1:100



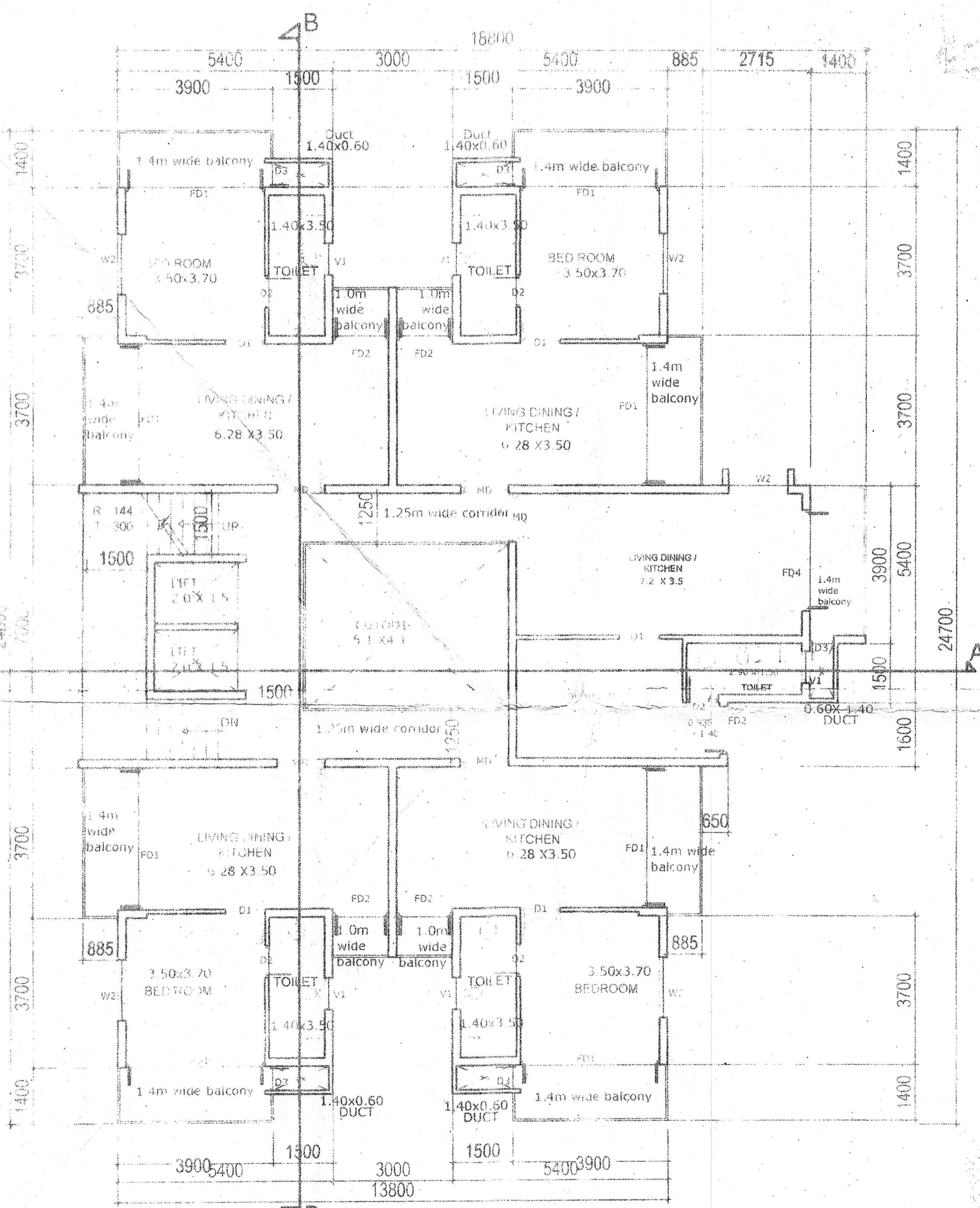
STILT FLOOR PLAN
 SCALE 1:100



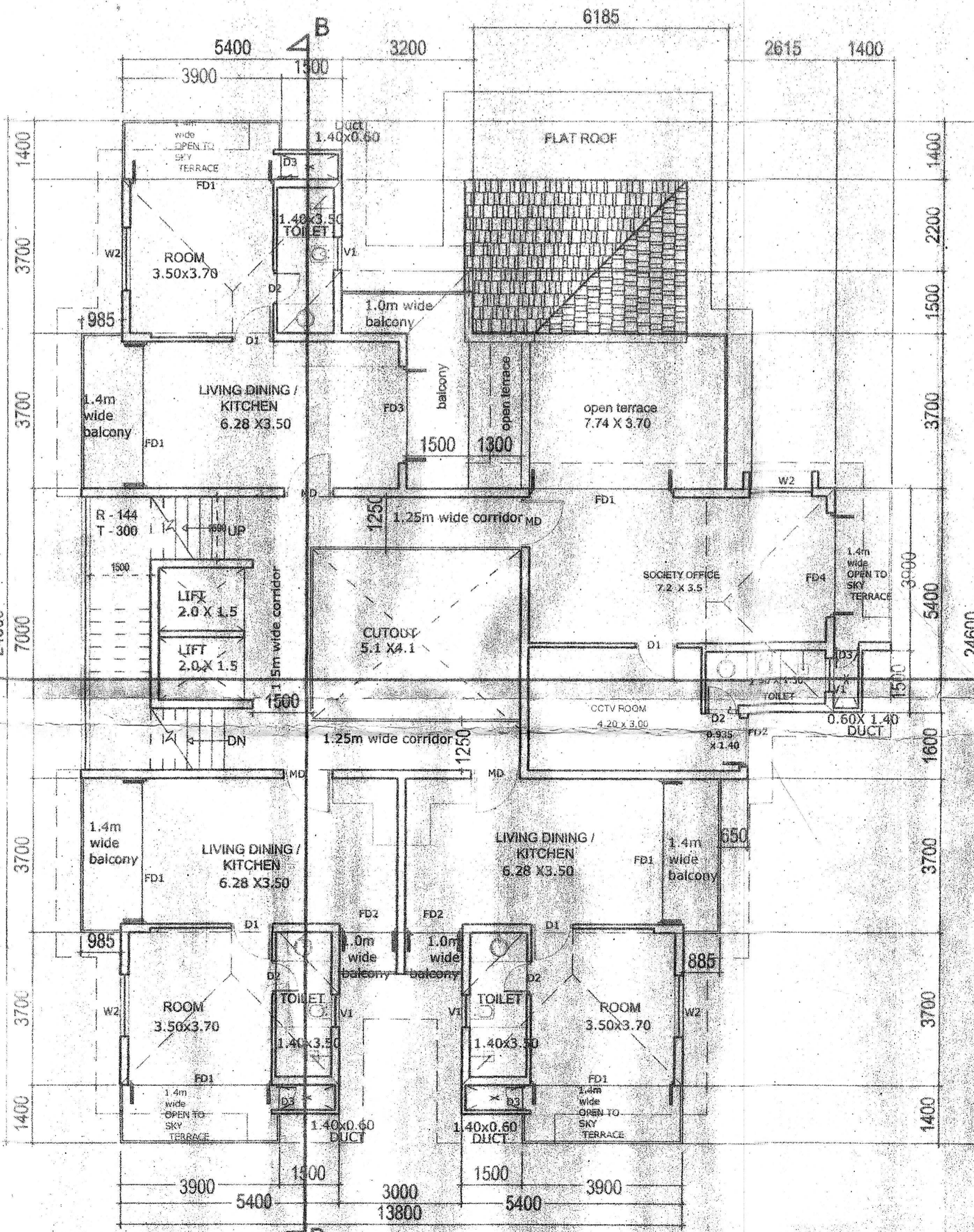
BASEMENT FLOOR
 SCALE 1:200



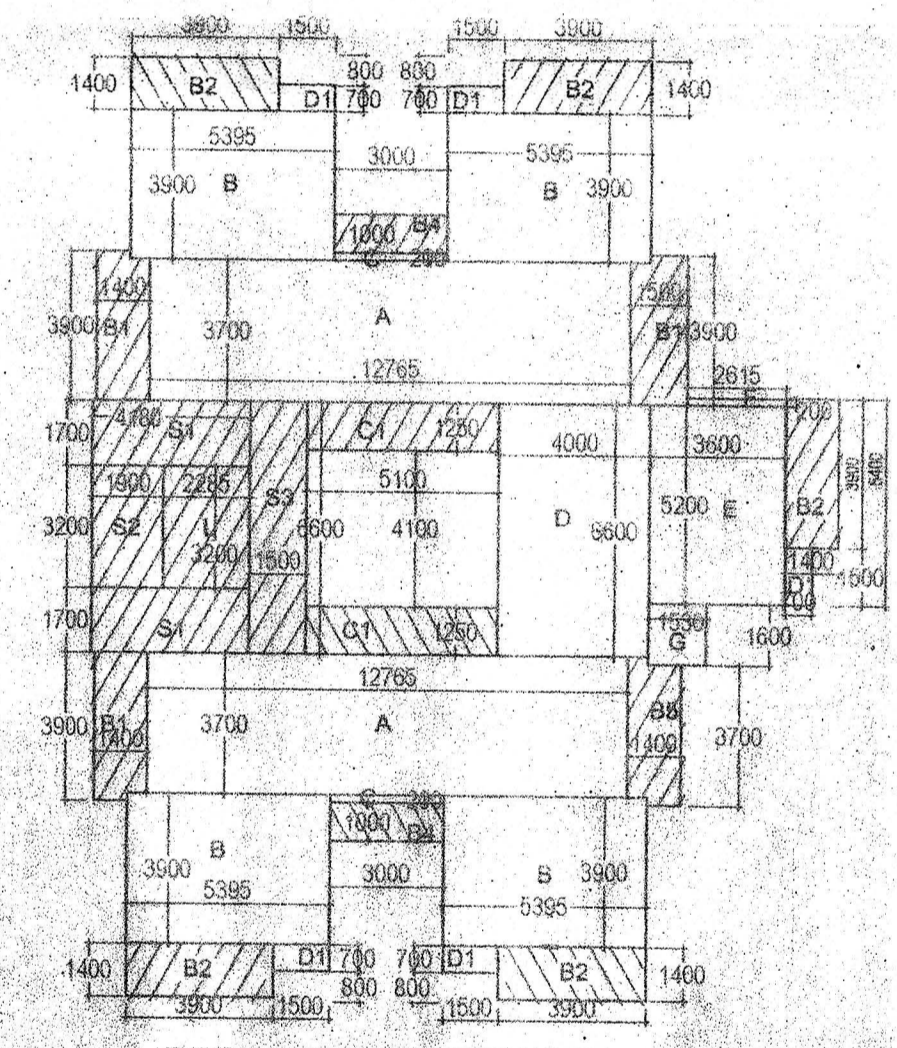
STILT FLOOR
 SCALE 1:200



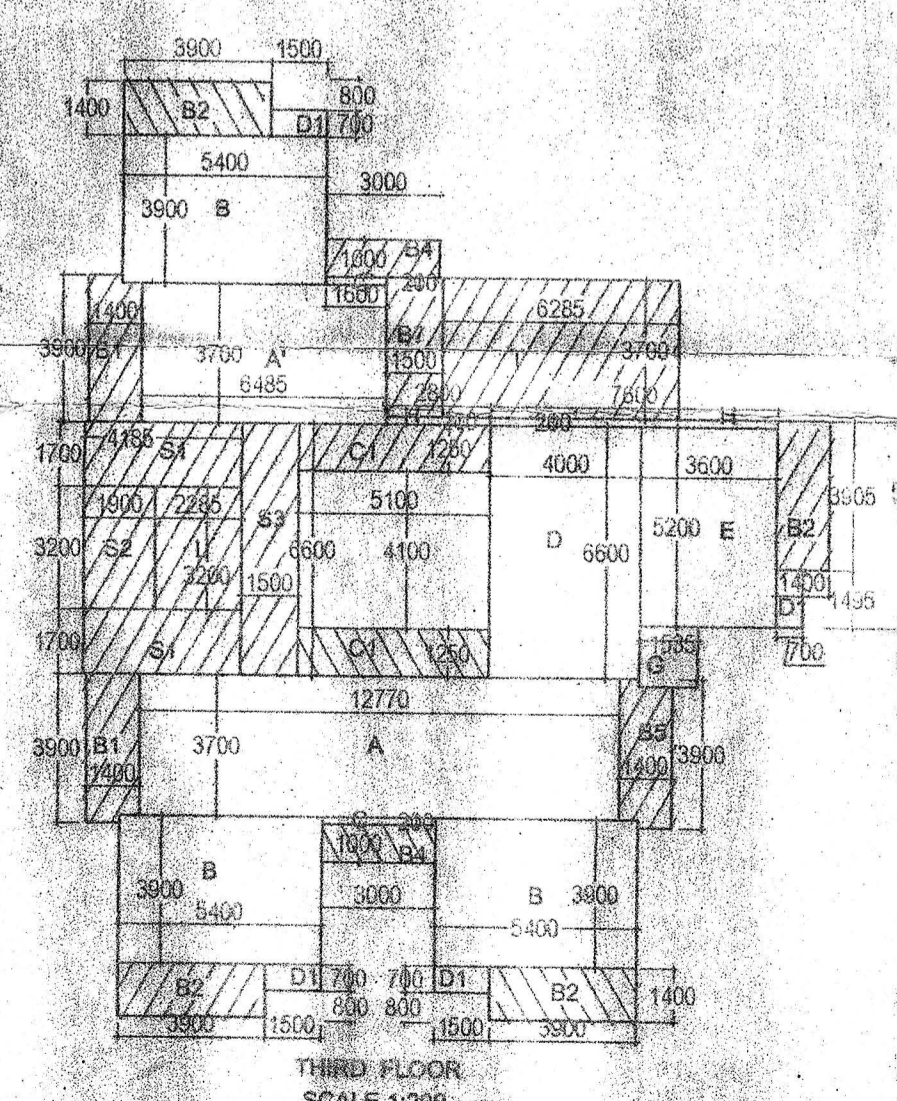
TYPICAL UPPER, FIRST & SECOND PLAN
 SCALE 1:100



THIRD FLOOR PLAN
 SCALE 1:100



TYPICAL UPPER FIRST & SECOND FLOOR
 SCALE 1:200



BLOCK DIAGRAM

AREA SPECIFICATION		
SYMBOL	SIZE	AREA
A	12.77 X 3.70	47.249 Sq.mts
A'	6.48 X 3.70	23.976 Sq.mts
B	5.40 X 3.90	21.06 Sq.mts
C	3.0 X 0.20	0.60 Sq.mts
C'	1.6 X 0.20	0.32 Sq.mts
D	4.0 X 6.60	26.40 Sq.mts
E	3.60 X 5.20	18.72 Sq.mts
F	2.61 X 0.20	0.52 Sq.mts
F'	4.11 X 0.20	0.82 Sq.mts
G	1.53 X 1.60	2.44 Sq.mts
G'	0.51 X 0.20	0.10 Sq.mts
H	7.60 X 0.20	1.52 Sq.mts
I	0.20 X 2.80	0.56 Sq.mts
S1(STAIRCASE)	4.18 X 1.70	7.106 Sq.mts
S2(STAIRCASE)	1.90 X 3.20	0.68 Sq.mts
S3(STAIRCASE)	1.50 X 6.60	9.90 Sq.mts
L(LIFT)	2.28 X 3.20	7.296 Sq.mts
C1(CORRIDOR)	5.1 X 1.25	6.37 Sq.mts
B1(BALCONY)		5.35 Sq.mts
B2(BALCONY/TERR)	3.9 X 1.4	5.46 Sq.mts
B4(BALCONY)	3.0 X 1.00	3.0 Sq.mts
B5(BALCONY)		5.17 Sq.mts
B7(BALCONY)	1.5 X 3.70	5.55 Sq.mts
T(TERRACE)	6.28 X 3.70	23.236 Sq.mts
D1(DUCT)	1.5 X 0.70	1.05 Sq.mts
D2(DUCT)	1.7 X 0.70	1.19 Sq.mts
CP(CANOPY)	3.0 X 3.70	1.1 Sq.mts
P1(PARKING)	6.6 X 6.60	43.56 Sq.mts
P2(PARKING)	4.485 X 3.90	17.49 Sq.mts
P3(PARKING)	5.0 X 3.70	18.5 Sq.mts
D'(PARKING)	2.88 X 6.60	19.0 Sq.mts
D''(PARKING)	1.12 X 1.40	1.568 Sq.mts
R1(RAMP)	5.0 X 5.00	25.0 Sq.mts
R2(RAMP)		199.06 Sq.mts
M(MAINTENANCE RM)	3.50 X 6.6	23.1 Sq.mts
POOL	9.475 X 5.15	48.78 Sq.mts

AREA CALCULATIONS	
AREA CONSUMED ON BASEMENT FLOOR FOR COVERAGE	= Nil(1)
AREA CONSUMED ON BASEMENT FLOOR FOR F.A.R	= Nil(2)
AREA CONSUMED ON STILT FLOOR FOR COVERAGE	= 2(A)+(B)+2(C)+D+E+F+G'+H'+I'+J'+K'+L'+M'+N'+O'+P'+Q'+R'+S'+T'+U'+V'+W'+X'+Y'+Z'+AA'+AB'+AC'+AD'+AE'+AF'+AG'+AH'+AI'+AJ'+AK'+AL'+AM'+AN'+AO'+AP'+AQ'+AR'+AS'+AT'+AU'+AV'+AW'+AX'+AY'+AZ'+BA'+BB'+BC'+BD'+BE'+BF'+BG'+BH'+BI'+BJ'+BK'+BL'+BM'+BN'+BO'+BP'+BQ'+BR'+BS'+BT'+BU'+BV'+BW'+BX'+BY'+BZ'+CA'+CB'+CC'+CD'+CE'+CF'+CG'+CH'+CI'+CJ'+CK'+CL'+CM'+CN'+CO'+CP'+CQ'+CR'+CS'+CT'+CU'+CV'+CW'+CX'+CY'+CZ'+DA'+DB'+DC'+DD'+DE'+DF'+DG'+DH'+DI'+DJ'+DK'+DL'+DM'+DN'+DO'+DP'+DQ'+DR'+DS'+DT'+DU'+DV'+DW'+DX'+DY'+DZ'+EA'+EB'+EC'+ED'+EE'+EF'+EG'+EH'+EI'+EJ'+EK'+EL'+EM'+EN'+EO'+EP'+EQ'+ER'+ES'+ET'+EU'+EV'+EW'+EX'+EY'+EZ'+FA'+FB'+FC'+FD'+FE'+FF'+FG'+FH'+FI'+FJ'+FK'+FL'+FM'+FN'+FO'+FP'+FQ'+FR'+FS'+FT'+FU'+FV'+FW'+FX'+FY'+FZ'+GA'+GB'+GC'+GD'+GE'+GF'+GG'+GH'+GI'+GJ'+GK'+GL'+GM'+GN'+GO'+GP'+GQ'+GR'+GS'+GT'+GU'+GV'+GW'+GX'+GY'+GZ'+HA'+HB'+HC'+HD'+HE'+HF'+HG'+HH'+HI'+HJ'+HK'+HL'+HM'+HN'+HO'+HP'+HQ'+HR'+HS'+HT'+HU'+HV'+HW'+HX'+HY'+HZ'+IA'+IB'+IC'+ID'+IE'+IF'+IG'+IH'+II'+IJ'+IK'+IL'+IM'+IN'+IO'+IP'+IQ'+IR'+IS'+IT'+IU'+IV'+IW'+IX'+IY'+IZ'+JA'+JB'+JC'+JD'+JE'+JF'+JG'+JH'+JI'+JJ'+JK'+JL'+JM'+JN'+JO'+JP'+JQ'+JR'+JS'+JT'+JU'+JV'+JW'+JX'+JY'+JZ'+KA'+KB'+KC'+KD'+KE'+KF'+KG'+KH'+KI'+KJ'+KK'+KL'+KM'+KN'+KO'+KP'+KQ'+KR'+KS'+KT'+KU'+KV'+KW'+KX'+KY'+KZ'+LA'+LB'+LC'+LD'+LE'+LF'+LG'+LH'+LI'+LJ'+LK'+LL'+LM'+LN'+LO'+LP'+LQ'+LR'+LS'+LT'+LU'+LV'+LW'+LX'+LY'+LZ'+MA'+MB'+MC'+MD'+ME'+MF'+MG'+MH'+MI'+MJ'+MK'+ML'+MM'+MN'+MO'+MP'+MQ'+MR'+MS'+MT'+MU'+MV'+MW'+MX'+MY'+MZ'+NA'+NB'+NC'+ND'+NE'+NF'+NG'+NH'+NI'+NJ'+NK'+NL'+NM'+NO'+NP'+NQ'+NR'+NS'+NT'+NU'+NV'+NW'+NX'+NY'+NZ'+OA'+OB'+OC'+OD'+OE'+OF'+OG'+OH'+OI'+OJ'+OK'+OL'+OM'+ON'+OO'+OP'+OQ'+OR'+OS'+OT'+OU'+OV'+OW'+OX'+OY'+OZ'+PA'+PB'+PC'+PD'+PE'+PF'+PG'+PH'+PI'+PJ'+PK'+PL'+PM'+PN'+PO'+PP'+PQ'+PR'+PS'+PT'+PU'+PV'+PW'+PX'+PY'+PZ'+QA'+QB'+QC'+QD'+QE'+QF'+QG'+QH'+QI'+QJ'+QK'+QL'+QM'+QN'+QO'+QP'+QQ'+QR'+QS'+QT'+QU'+QV'+QW'+QX'+QY'+QZ'+RA'+RB'+RC'+RD'+RE'+RF'+RG'+RH'+RI'+RJ'+RK'+RL'+RM'+RN'+RO'+RP'+RQ'+RR'+RS'+RT'+RU'+RV'+RW'+RX'+RY'+RZ'+SA'+SB'+SC'+SD'+SE'+SF'+SG'+SH'+SI'+SJ'+SK'+SL'+SM'+SN'+SO'+SP'+SQ'+SR'+SS'+ST'+SU'+SV'+SW'+SX'+SY'+SZ'+TA'+TB'+TC'+TD'+TE'+TF'+TG'+TH'+TI'+TJ'+TK'+TL'+TM'+TN'+TO'+TP'+TQ'+TR'+TS'+TT'+TU'+TV'+TW'+TX'+TY'+TZ'+UA'+UB'+UC'+UD'+UE'+UF'+UG'+UH'+UI'+UJ'+UK'+UL'+UM'+UN'+UO'+UP'+UQ'+UR'+US'+UT'+UU'+UV'+UW'+UX'+UY'+UZ'+VA'+VB'+VC'+VD'+VE'+VF'+VG'+VH'+VI'+VJ'+VK'+VL'+VM'+VN'+VO'+VP'+VQ'+VR'+VS'+VT'+VU'+VV'+VW'+VX'+VY'+VZ'+WA'+WB'+WC'+WD'+WE'+WF'+WG'+WH'+WI'+WJ'+WK'+WL'+WM'+WN'+WO'+WP'+WQ'+WR'+WS'+WT'+WU'+WV'+WW'+WX'+WY'+WZ'+XA'+XB'+XC'+XD'+XE'+XF'+XG'+XH'+XI'+XJ'+XK'+XL'+XM'+XN'+XO'+XP'+XQ'+XR'+XS'+XT'+XU'+XV'+XW'+XX'+XY'+XZ'+YA'+YB'+YC'+YD'+YE'+YF'+YG'+YH'+YI'+YJ'+YK'+YL'+YM'+YN'+YO'+YP'+YQ'+YR'+YS'+YT'+YU'+YV'+YW'+YX'+YY'+YZ'+ZA'+ZB'+ZC'+ZD'+ZE'+ZF'+ZG'+ZH'+ZI'+ZJ'+ZK'+ZL'+ZM'+ZN'+ZO'+ZP'+ZQ'+ZR'+ZS'+ZT'+ZU'+ZV'+ZW'+ZX'+ZY'+ZZ'

TOTAL AREA CONSUMED ON ALL FLOOR (FOR COVERAGE)	(3) = 278.21 Sq.mts(6)
TOTAL AREA CONSUMED ON ALL FLOOR (FOR F.A.R)	= 6+7(9)
PERMISSIBLE 7.5% FREE OF F.A.R OF THE FLOOR AREA	819.963 X 7.5/100 Sq.mts. = 61.49 Sq.mts(10)
PROPOSED 7.5% FREE OF F.A.R OF THE FLOOR AREA	= 26.49 + 18.72 + 1.52 + 2.448 = 49.088 Sq.mts. (5.9%)

PROJECT: PROPOSED SERVICE APARTMENT (REVISED PLANS) AND COMPOUND WALL AND POOL ON PLOT BEARING SURVEY NO. 370/12 AT CALANGUTE VILLAGE OF BARDEZ TALUKA - GOA
 STATUS: REVISED SUBMISSION DRAWING

DATE: 20/01/20 SCALE: 1:100, 1:200
 OWNER: MR. ASHISH MALHOTRA & MR. GAURAV KHATTAR
 MR. ARUN MALHOTRA & MR. GAURAV KALRA

PARESH GAITONDE
 ENGINEER: RCC CONSULTANT
 PARESH GAITONDE RCC CONSULTANT
 T15, 3rd Floor, Campal Trade Centre, Behind Military Hospital Campal, Panaji, Goa.
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