

WATER TANK CALCULATION (BLOCK-A&B)	
TOTAL NO. OF FLAT = 88 NOS.	
NO. OF PERSON @8 PERSONS/FLAT = 5-X 88 = 440 PERSONS	
TAKING 20% EXTRA = (440 X 20)/ 100 = 88 PERSONS	
TOTAL NO. OF PERSONS = 440+ 88 = 528 WATER NEEDED @ 18LTS/ PERSON = 9505.288 = 71280 LTRS	
LITS/ FL20 = 71.28 CUM.	
PROVIDED WATER TANK SIZE	
115.927X70.150 = 7143 CUM.	
TOTAL PROVIDED=7148 CUM.	
PARKING AREA CALCULATION	
TOTAL BUILD UP AREA =4627.15 SQ.M	
4627.15 SQ.M X 25% = 1156.7875 SQ.M	
TOTAL PARKING AREA= 1156.7875 SQ.M	
PARKING AREA= 14683 SQ.M	
BLOCK-A GROUND FLOOR	
PARKING AREA= 390.88 SQ.M	
BASEMENT PARKING AREA= 2200.40 SQ.M	
TOTAL PARKING AREA PROVIDED= 2740.88 SQ.M	
PLANTATION AREA CALCULATION	
TOTAL FLAT AREA =3888.77 SQ.M	
TOTAL REQUIRED PLANTATION AREA @9% OF 3888.77 SQ.M = 197.88 SQ.M	
TOTAL LANDSCAPING AREA PROVIDED= 230.00 SQ.M	
SEPTIC TANK CALCULATION (BLOCK-A&B)	
TOTAL NOS OF PERSON @ 8 PERSONS	
IN EACH FLAT=5X88=440	
25 % EXTRA=88,TOTAL NOS OF PERSONS=528	
REQUIRED @117 CUM. / PERSON =528X 117=588.16 CUM.	
PROVIDED SEPTIC TANK OF SIZE	
07.00X3.00X15= 31.50 CUM.	
TOTAL 481.00 CUM.	
WATER HARVESTING CALCULATION (BLOCK-A&B)	
TERFACE AREA =831.50 SQ.M	
REQUIRED WITH CAPACITY 6 CUM FOR 100 SQ.M	
TERFACE AREA	
TOTAL TERFACE = 831.50 SQ.M	
REQUIRED WATER HARVESTING	
831.50 X 6.100 =488.80 CUM TWO NOS	
PROVIDED 115.927X70.150= 7143 LITERS SIZE	
(115.927 X55.00=637.25 CUM.	
(115.927 X55.00=637.25 CUM.	

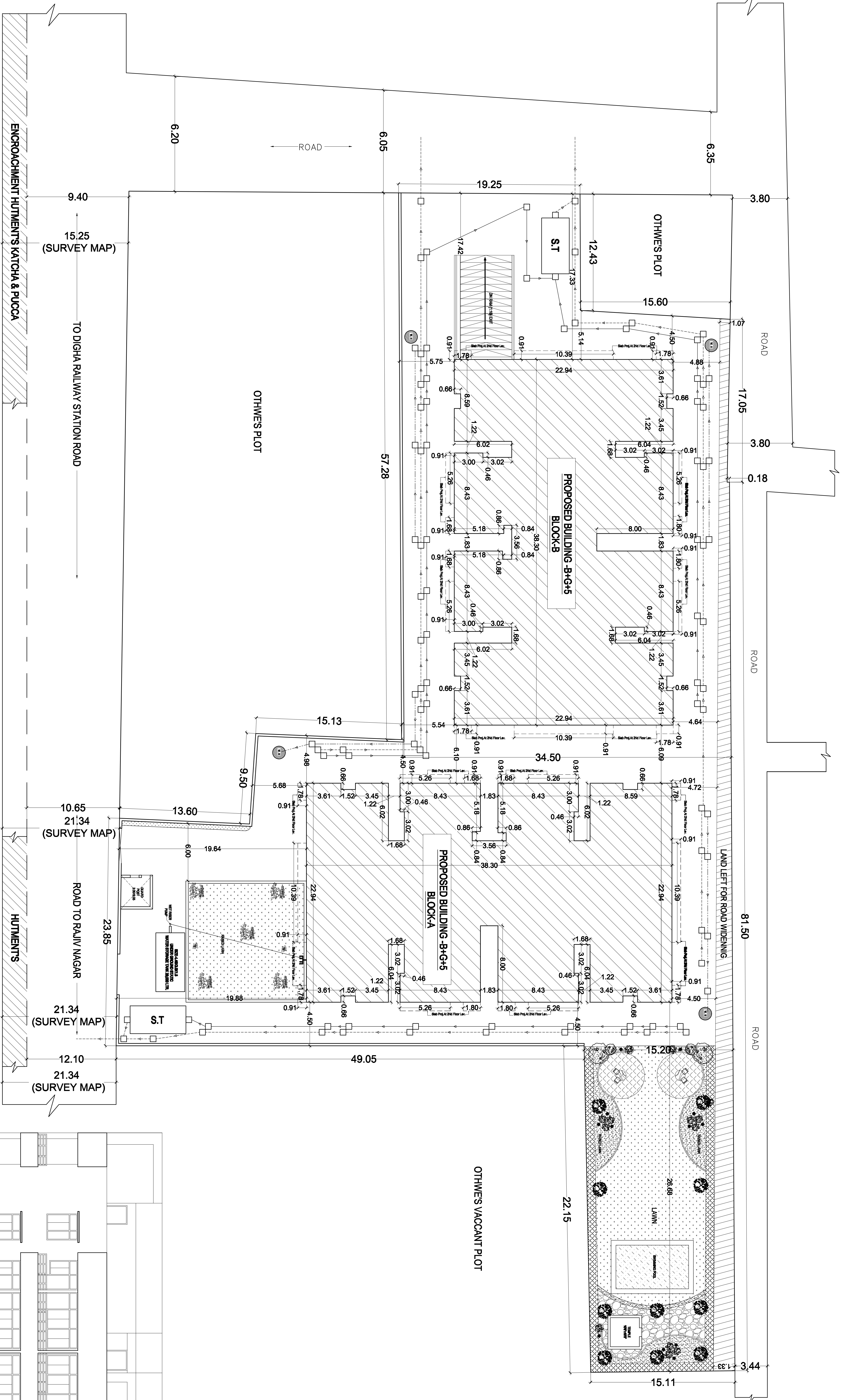
AREA CALCULATION	
TOTAL NO. OF FLAT = 88 NOS.	5546.20 SQ.M
TOTAL PLOT AREA AS PER DEED	4087.34 SQ.M
TAKING 20% EXTRA = (440 X 20)/ 100 = 88 PERSONS	128.67 SQ.M
LAND LEFT FOR ROAD WIDENING	3988.77 SQ.M
BLOCK-A	
BASEMENT BUILD UP AREA	15.53 SQ.M
GROUND FLOOR BUILD UP AREA	693.20 SQ.M
1ST FLOOR BUILD UP AREA	805.38 SQ.M
2ND FLOOR BUILD UP AREA	830.82 SQ.M
3RD FLOOR BUILD UP AREA	830.82 SQ.M
4TH FLOOR BUILD UP AREA	830.82 SQ.M
5TH FLOOR BUILD UP AREA	830.82 SQ.M
TOTAL BUILD UP AREA	4813.38 SQ.M
BLOCK-B	
BASEMENT BUILD UP AREA	17.29 SQ.M
GROUND FLOOR BUILD UP AREA	487.81 SQ.M
1ST FLOOR BUILD UP AREA	805.38 SQ.M
2ND FLOOR BUILD UP AREA	830.82 SQ.M
3RD FLOOR BUILD UP AREA	830.82 SQ.M
4TH FLOOR BUILD UP AREA	830.82 SQ.M
5TH FLOOR BUILD UP AREA	830.82 SQ.M
TOTAL BUILD UP AREA	4813.78 SQ.M
(BLOCK-A+B BLOCK-B)	
TOTAL BUILD UP AREA = 4627.15 SQ.M	
TOTAL PLOT AREA = 4627.15 SQ.M	
F.A.R = 4627.15 SQ.M / 3988.77 SQ.M = 2.38	
F.A.R = 2.38	

PLOT STATEMENT	
PROPOSED RESIDENTIAL BUILDING OF	
(1) SRI BINOD KUMAR SINGH	
(2) SRI PRANOD KUMAR SINGH	
(3) SRI SHUBODH KUMAR SINGH	
SOLATE INGENUITY SINGH OR MAGNA SINGH	
PLOT NO.- 3887, 3888, 3889, 3890, 3891 (P)	
KHATA NO -2100,2085,2086,2094	
THANA NO-01	
TAJUD NO-36	
MAJUD- DIGHA	
DIST -PATNA	

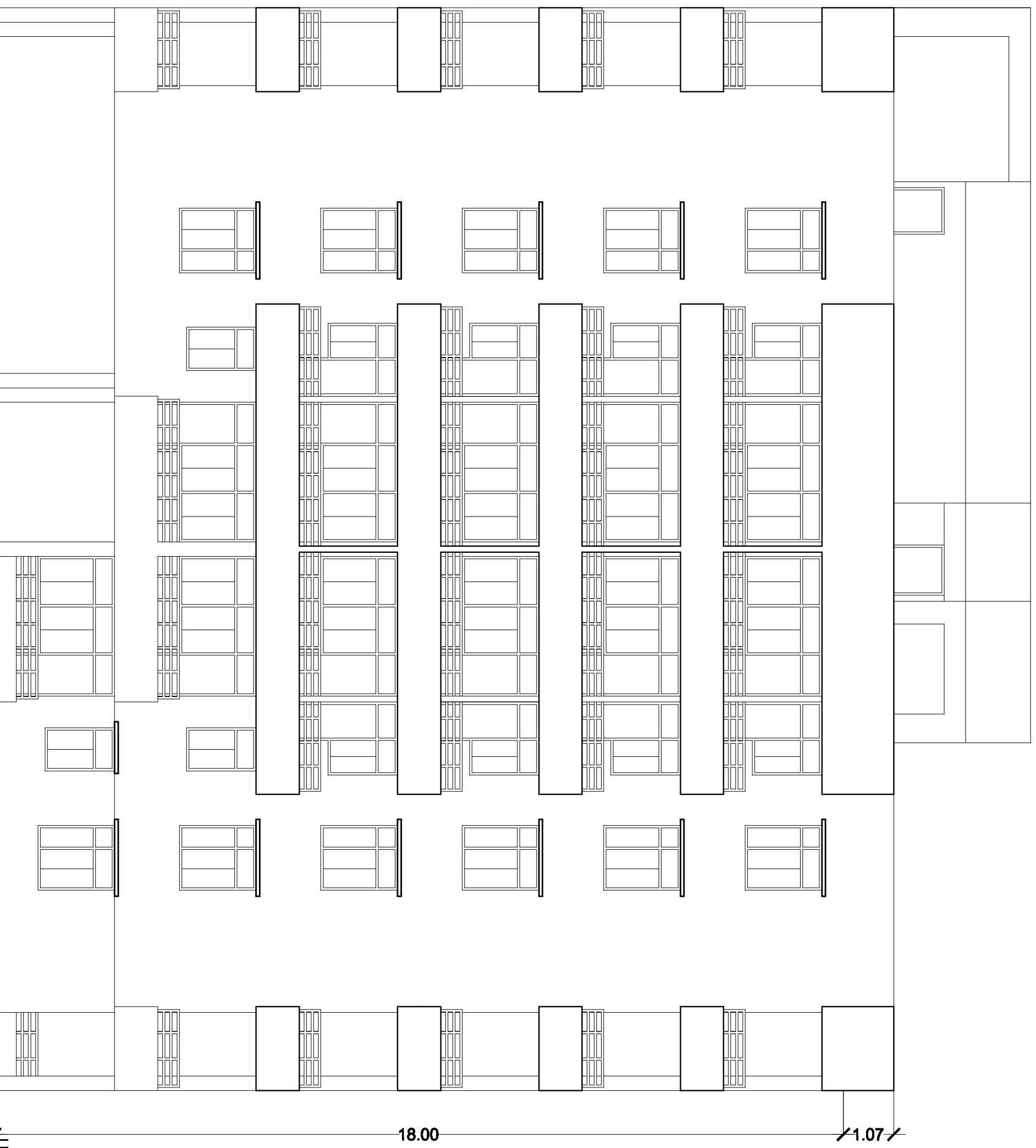
CERTIFICATE
THIS IS TO CERTIFY THAT STRUCTURAL DESIGN OF THIS
BUILDING WILL BE AS PER IS-1863-1964 & IS- 4326-1983
TO MAKE THE SAME EARTH QUAKE RESISTANT.

ALL DIMENSION ARE IN M		
SCALE :-	NORTH :-	DRG. NO :-
1:100		01/07
1:200		

SIGNATURE OF OWNER		SIGNATURE OF TECHNICAL PERSON	
SIGNATURE OF DEVELOPERS		SIGNATURE OF STRUCTURAL ENGINEER	



SITE PLAN
SCALE:1:200



FRONT ELEVATION (BLOCK-B)