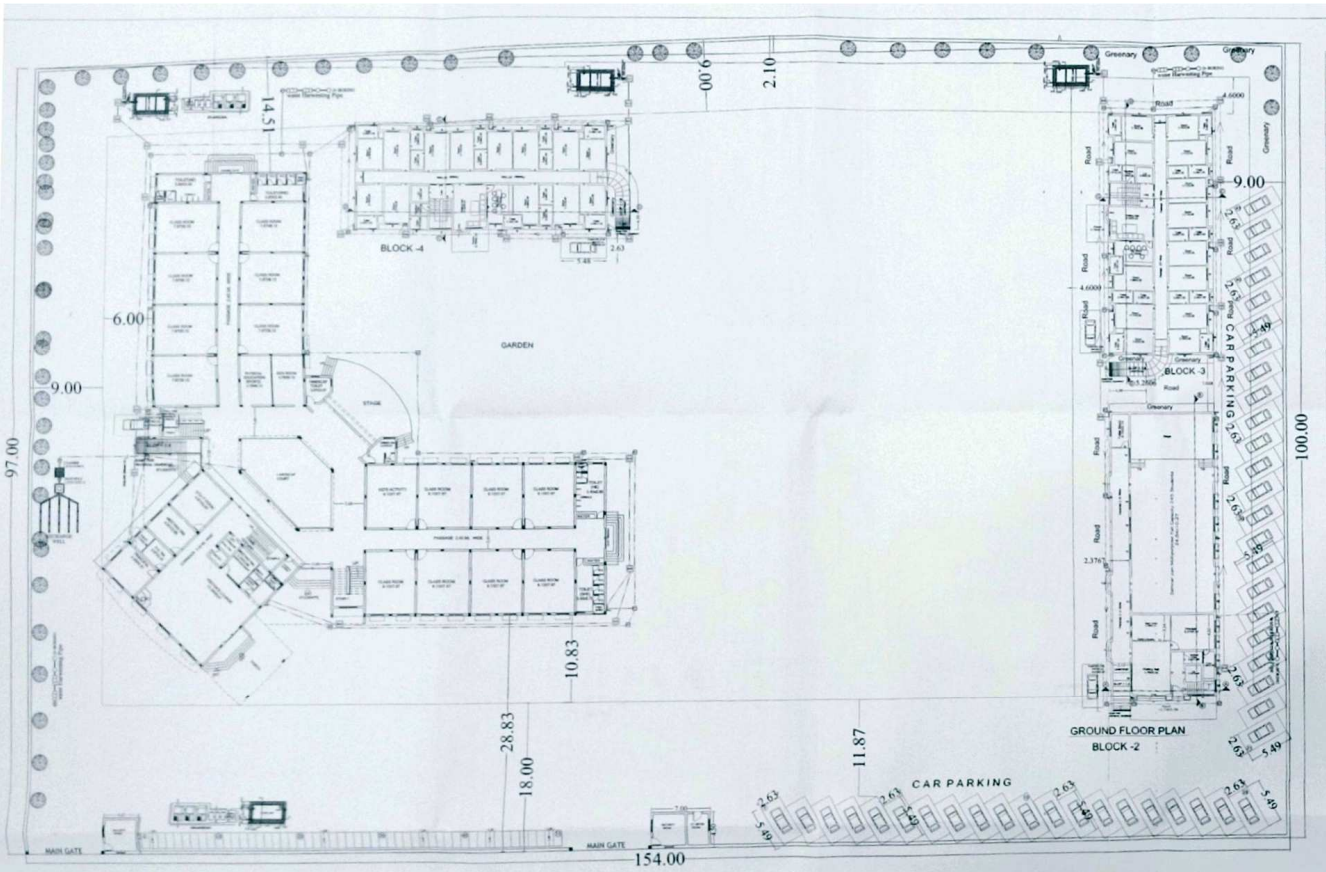


REFERENCES BLOCK-1	
AREA DETAIL & F. A. R. CALCULATION	
LAND AREA	=15275.00 Sq.Mt.
GROUND FLOOR	= 1740.38 Sq.Mt.
FIRST FLOOR	= 1740.38 Sq.Mt.
SECOND FLOOR	= 1740.38 Sq.Mt.
THIRD FLOOR	= 1740.38 Sq.Mt.
TOTAL CONSTRUCTED AREA	= 6961.52 Sq.Mt.
AREA FOR FAR CALCULATION	
DEDUCTION OF AREA FOR FAR(PER FLOOR)	

	G. Floor	1st. Floor	2nd. Floor	3rd. Floor
STAIR (1,2&3)	60.57	60.57	60.57	60.57
LIFTS	4.00	4.00	4.00	4.00
PASSAGE	376.20	376.20	376.20	376.20
TOTAL	440.77	440.77	440.77	440.77
TOTAL AREA	1763.08 Sq.Mt.			

(1) GROUND FLOOR AREA FOR F.A.R.
= CONSTRUCTED AREA -DEDUCTION
= 1740.38 - 440.77 = 1299.61 Sq.Mt.
(2) FIRST FLOOR AREA FOR F.A.R.
= CONSTRUCTED AREA -DEDUCTION
= 1740.38 - 440.77 = 1299.61 Sq.Mt.
(3) SECOND FLOOR AREA FOR F.A.R.
= CONSTRUCTED AREA -DEDUCTION
= 1740.38 - 440.77 = 1299.61 Sq.Mt.
(4) THIRD FLOOR AREA FOR F.A.R.
= CONSTRUCTED AREA -DEDUCTION
= 1740.38 - 440.77 = 1299.61 Sq.Mt.

TOTAL AREA FOR F.A.R.
= 1299.61 + 1299.61 + 1299.611+1299.61
= 5198.44 SQ.MT.

REFERENCES BLOCK-2	
AREA DETAIL & F. A. R. CALCULATION	
LAND AREA	=15275.00 Sq.Mt.
GROUND FLOOR	= 464.36 Sq.Mt.
FIRST FLOOR	= 464.36 Sq.Mt.
SECOND FLOOR	= 464.36 Sq.Mt.
THIRD FLOOR	= 464.36 Sq.Mt.
TOTAL CONSTRUCTED AREA	= 1857.44 Sq.Mt.
AREA FOR FAR CALCULATION	
DEDUCTION OF AREA FOR FAR(PER FLOOR)	

	G. Floor	1st. Floor	2nd. Floor	3rd. Floor
STAIR +LIFT	28.67	27.14	22.11	22.11
PASSAGE	74.72			
BALCONY		60.36	60.36	60.36
LOBBY		38.83	38.83	38.83
TOTAL	103.39	126.33	126.33	126.33
TOTAL AREA	482.38 Sq.Mt.			

(1) GROUND FLOOR AREA FOR F.A.R.
= CONSTRUCTED AREA -DEDUCTION
= 464.36 - 103.39 = 360.97 Sq.Mt.
(2) FIRST FLOOR AREA FOR F.A.R.
= CONSTRUCTED AREA -DEDUCTION
= 464.36 - 126.33 = 338.03 Sq.Mt.
(3) SECOND FLOOR AREA FOR F.A.R.
= CONSTRUCTED AREA -DEDUCTION
= 464.36 - 126.33 = 338.03 Sq.Mt.
(4) THIRD FLOOR AREA FOR F.A.R.
= CONSTRUCTED AREA -DEDUCTION
= 464.36 - 126.33 = 338.03 Sq.Mt.

TOTAL AREA FOR F.A.R.
= 360.97+ 338.03 + 338.03+338.03
= 1375.06 SQ.MT.

REFERENCES BLOCK-3	
AREA DETAIL & F. A. R. CALCULATION	
LAND AREA	=15275.00 Sq.Mt.
GROUND FLOOR	= 379.60 Sq.Mt.
FIRST FLOOR	= 398.14 Sq.Mt.
SECOND FLOOR	= 398.14 Sq.Mt.
THIRD FLOOR	= 398.14 Sq.Mt.
TOTAL CONSTRUCTED AREA	=1574.02 Sq.Mt.
AREA FOR FAR CALCULATION	
DEDUCTION OF AREA FOR FAR(PER FLOOR)	

	G. Floor	1st. Floor	2nd. Floor	3rd. Floor
STAIR	15.26	15.26	15.26	15.26
LIFTS	4.00	4.00	4.00	4.00
PASSAGE	45.27	41.93	41.93	41.93
BALCONY		60.48	60.48	60.48
TOTAL	65.53	122.67	122.67	122.67
TOTAL AREA	433.54 Sq.Mt.			

(1) GROUND FLOOR AREA FOR F.A.R.
= CONSTRUCTED AREA -DEDUCTION
= 379.60 - 65.53 = 314.07 Sq.Mt.
(2) FIRST FLOOR AREA FOR F.A.R.
= CONSTRUCTED AREA -DEDUCTION
= 398.14 - 122.67 = 275.47 Sq.Mt.
(3) SECOND FLOOR AREA FOR F.A.R.
= CONSTRUCTED AREA -DEDUCTION
= 398.14 - 122.67= 275.47 Sq.Mt.
(4) THIRD FLOOR AREA FOR F.A.R.
= CONSTRUCTED AREA -DEDUCTION
= 398.14 - 122.67 = 275.47 Sq.Mt.

TOTAL AREA FOR F.A.R.
= 314.07 + 275.47 + 275.47+275.47
= 1140.48 SQ.MT.

REFERENCES BLOCK-4	
AREA DETAIL & F. A. R. CALCULATION	
LAND AREA	=15275.00 Sq.Mt.
GROUND FLOOR	= 379.60 Sq.Mt.
FIRST FLOOR	= 398.14 Sq.Mt.
SECOND FLOOR	= 398.14 Sq.Mt.
THIRD FLOOR	= 398.14 Sq.Mt.
TOTAL CONSTRUCTED AREA	=1574.02 Sq.Mt.
AREA FOR FAR CALCULATION	
DEDUCTION OF AREA FOR FAR(PER FLOOR)	

	G. Floor	1st. Floor	2nd. Floor	3rd. Floor
STAIR	15.26	15.26	15.26	15.26
LIFTS	4.00	4.00	4.00	4.00
PASSAGE	45.27	41.93	41.93	41.93
BALCONY		60.48	60.48	60.48
TOTAL	65.53	122.67	122.67	122.67
TOTAL AREA	433.54 Sq.Mt.			

(1) GROUND FLOOR AREA FOR F.A.R.
= CONSTRUCTED AREA -DEDUCTION
= 379.60 - 65.53 = 314.07 Sq.Mt.
(2) FIRST FLOOR AREA FOR F.A.R.
= CONSTRUCTED AREA -DEDUCTION
= 398.14 - 122.67 = 275.47 Sq.Mt.
(3) SECOND FLOOR AREA FOR F.A.R.
= CONSTRUCTED AREA -DEDUCTION
= 398.14 - 122.67= 275.47 Sq.Mt.
(4) THIRD FLOOR AREA FOR F.A.R.
= CONSTRUCTED AREA -DEDUCTION
= 398.14 - 122.67 = 275.47 Sq.Mt.

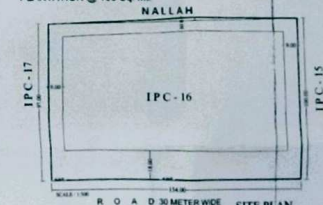
TOTAL AREA FOR F.A.R.
= 314.07 + 275.47 + 275.47+275.47
= 1140.48 SQ.MT.

TOTAL PLOT AREA= 15275.00 Sq.Mt.
TOTAL COVERED AREA= 1740.38+464.36+379.60+379.60+50.69=3014.63 Sq.Mt.
TOTAL F.A.R. AREA= 5198.44+1375.06+1140.48+1140.48=8854.46 Sq.Mt.
TOTAL OPEN AREA= 15275.00-3014.63=12260.37Sq.Mt.
PARKING REQUIRED AS/F.A.R. = 8854.46/ 75 =118.05 ECU
FOR VISITOR'S 25% EXTRA
+118.05X25%=29.51
TOTAL ECU REQUIRED = 118.05+29.51 = 147.56 ECU
AVAILABLE ECU FOR PARKING=12260.37/23=533.05 ECU

F.A.R USED = $\frac{8854.46}{15275.00}$ =0.57

% GROUND FLOOR COVERAGE = $\frac{3014.63}{15275.00}$ =0.197

PERMISSIBLE F.A.R. AREA= 1.75> 0.57
PLANTATION @ 100 Sq. Mt.



SITE PLAN

PROPOSED PLAN OF SCHOOL BUILDING FOR SAMAJ KALYAN & ANUSANDHAN SAMITI AT. PLOT NO -IPC16 RANPUR,KOTA

Project: School Building,B.Ed. College, School Hostal, B.Ed. Hostal

Drawing Title: LAYOUT, DRAINAGE , SANITARY & WATER HARVESTING PLAN & PARKING PLAN

OWNER SIGN.

Meenal Consultants (P) LTD
UMEDH SADAN, RAILWAY M.B.ROAD
KOTA. PH. NO. 2360151,2362842

SCALE : 1:150 | DATE: FEB 10th, 2017
DRAWN BY : A.SAVITA | CHD.BY :
JOB NO : | DWG. NO. : 01