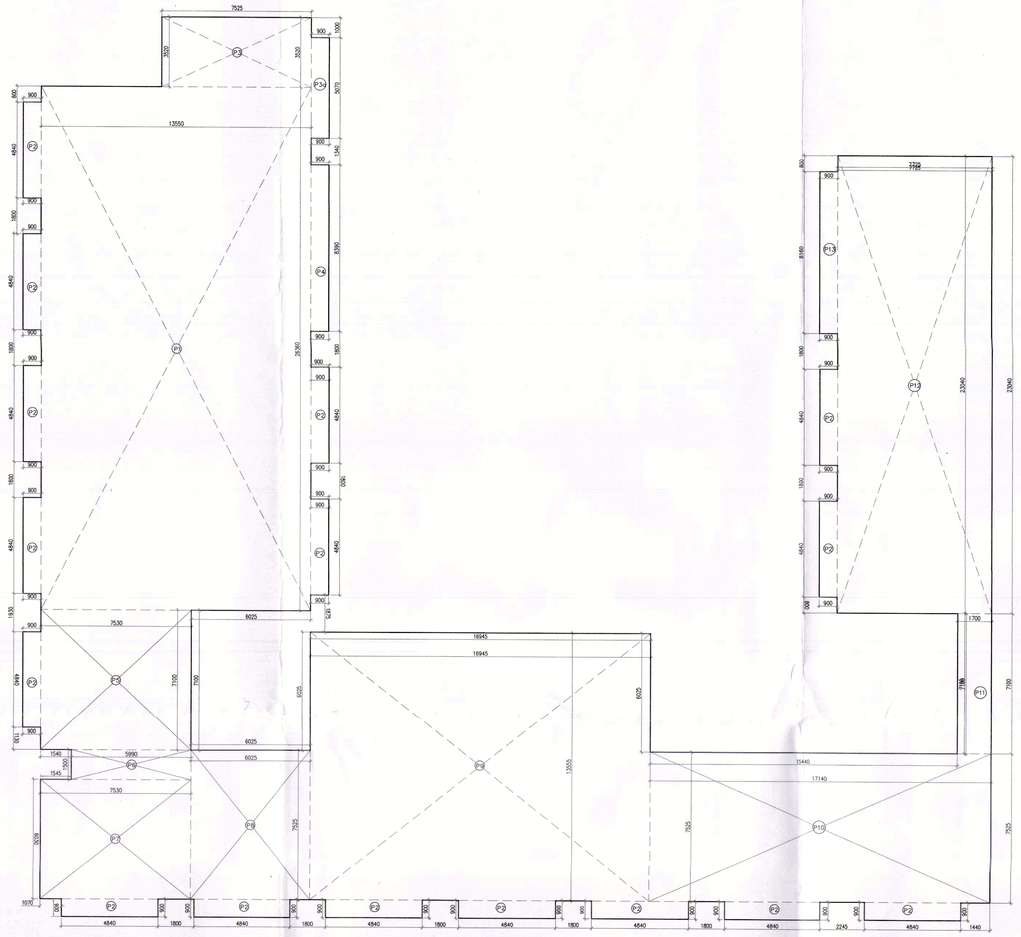
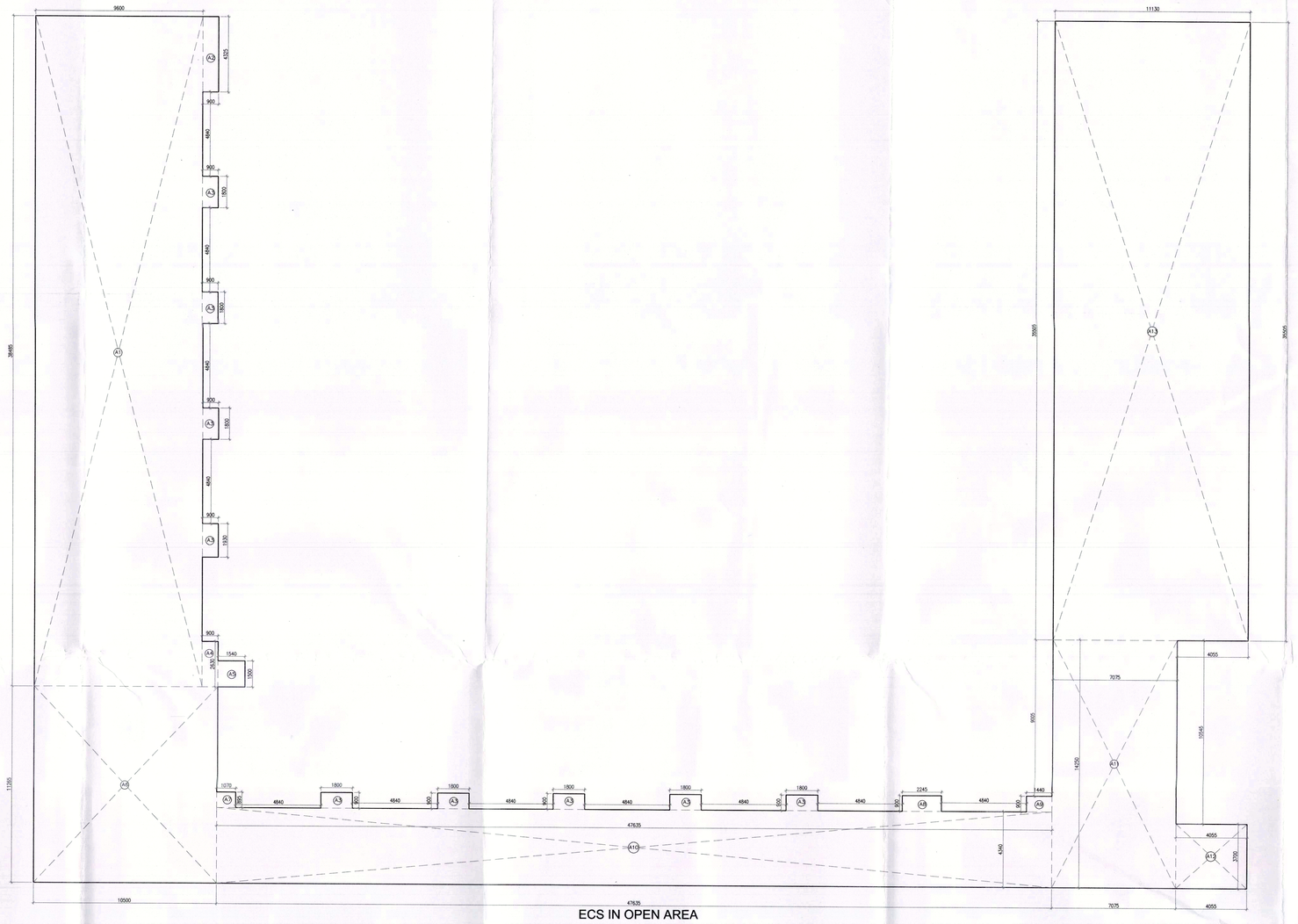


ECS IN COVERED AREA



ECS IN OPEN AREA

Note :-

1. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVENT IS CODES FOR EARTH QUAKE RESISTANCE.
2. THE BUILDING IS ARTIFICALLY LIT AND MECHANICALLY VENTILATED.

LEGEND

TO BE READ WITH THIS OFFICE MEMO NO. 2097
DATED: 20-01-2023

ATP (HQ) Master Section — S.T.P (HQ) Member B.P.A.C. — S.T.P (O) Member B.P.A.C. — A.T.P (HQ) Chairman B.P.A.C.

JD. — DDTP MEMBER BPAC — A.T.P. — ATP(HQ)

Ram Avtar Bassi JD(HQ)

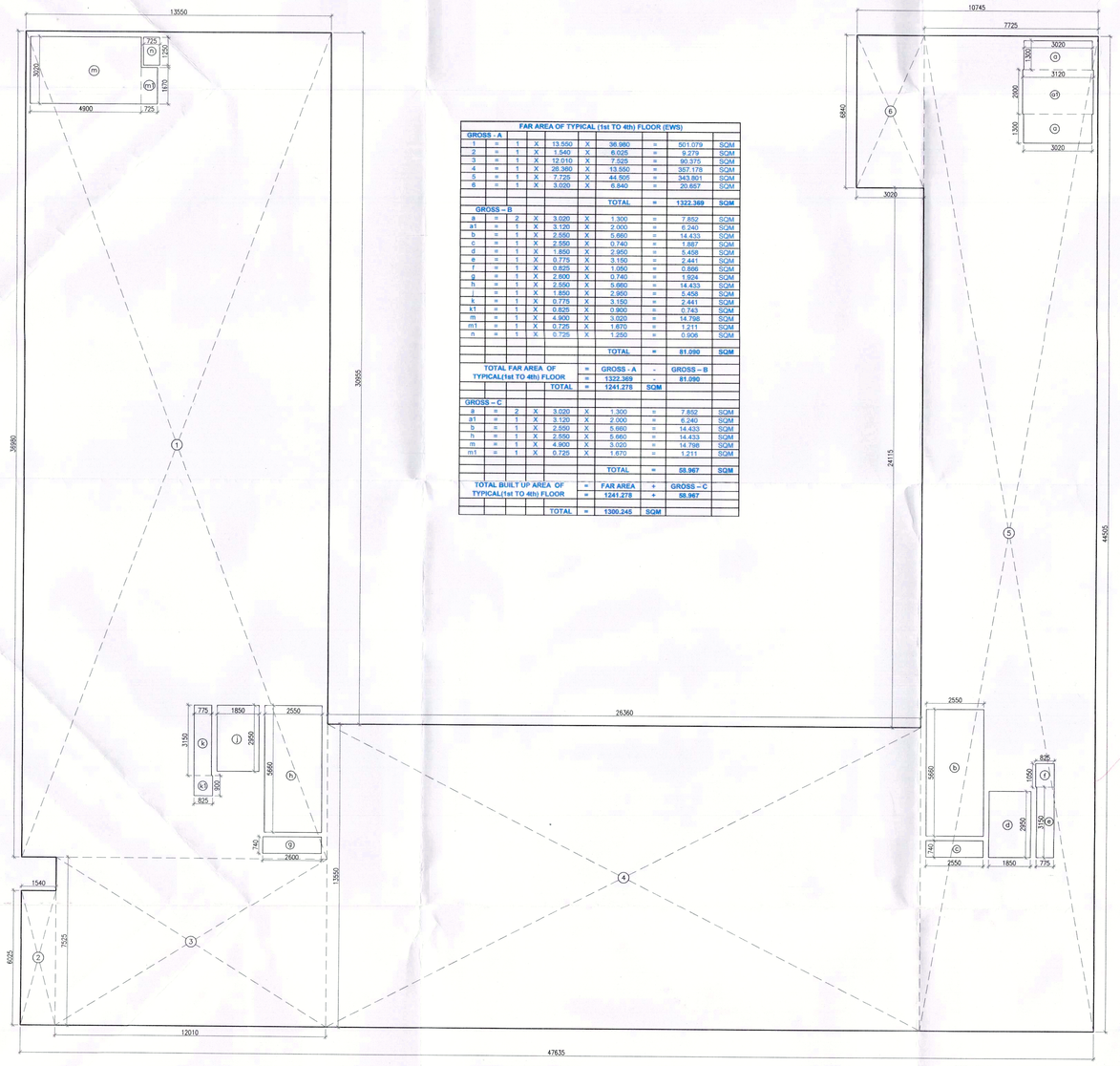
PROJECT :

REVISED BUILDING PLANS OF GROUP HOUSING COLONY AREA MEASURING 25.087 ACRES (LICENCE NO. 123 OF 2012 DATED 20-12-2012 IN SECTOR-63, GURGAON BEING DEVELOPED BY ARLIE BUILDERS & DEVELOPERS PVT. LTD. AND OTHERS IN COLLABORATION WITH DLF HOME DEVELOPERS LTD(EARLIER KNOWN AS DLF NEW GURGAON HOME DEVELOPERS PVT.LTD)

ARCHITECTURE:

ARCOP

ARCOP ASSOCIATES PVT LTD
Plot No. 36B, Sector-32, Intitutional Area,
Gurugram. Haryana. 122001. India
Tel.: 91-124-4595500
91-124-4595550
Fax: 91-124-4595550



TYPICAL (1ST TO 4TH) FLOOR
AREA CALCULATION
EWS

FAR AREA OF TYPICAL (1st TO 4th) FLOOR (EWS)

GROSS - A								
1	=	1	X	13.550	X	38.980	=	501.179 SQM
2	=	1	X	26.360	X	13.550	=	357.178 SQM
3	=	1	X	13.010	X	7.725	=	343.801 SQM
4	=	1	X	26.360	X	13.550	=	357.178 SQM
5	=	1	X	3.020	X	44.505	=	343.801 SQM
6	=	1	X	3.020	X	6.840	=	20.657 SQM
						TOTAL	=	1323.369 SQM
GROSS - B								
a	=	2	X	3.020	X	1.300	=	7.852 SQM
a1	=	1	X	3.120	X	2.000	=	6.240 SQM
b	=	1	X	2.550	X	5.660	=	14.433 SQM
c	=	1	X	2.550	X	5.740	=	14.637 SQM
d	=	1	X	3.950	X	3.450	=	13.628 SQM
f	=	1	X	0.775	X	1.870	=	1.449 SQM
g	=	1	X	0.825	X	1.050	=	0.866 SQM
g	=	1	X	2.600	X	0.740	=	1.924 SQM
h	=	1	X	2.550	X	5.660	=	14.433 SQM
i	=	1	X	1.850	X	2.950	=	5.458 SQM
k	=	1	X	0.775	X	3.150	=	2.441 SQM
k1	=	1	X	0.825	X	0.900	=	0.743 SQM
m	=	1	X	4.500	X	3.200	=	14.798 SQM
m1	=	1	X	0.725	X	1.870	=	1.211 SQM
n	=	1	X	0.725	X	1.250	=	0.906 SQM
						TOTAL	=	81.099 SQM
TOTAL FAR AREA OF TYPICAL(1st TO 4th) FLOOR					=	GROSS - A	+	GROSS - B
					=	1323.369	+	81.099
					=	1341.278	SQM	
GROSS - C								
a	=	2	X	3.020	X	1.300	=	7.852 SQM
a1	=	1	X	3.120	X	2.000	=	6.240 SQM
b	=	1	X	2.550	X	5.660	=	14.433 SQM
h	=	1	X	2.550	X	5.660	=	14.433 SQM
m	=	1	X	4.500	X	3.200	=	14.798 SQM
m1	=	1	X	0.725	X	1.870	=	1.211 SQM
						TOTAL	=	59.967 SQM
TOTAL BUILT UP AREA OF TYPICAL(1st TO 4th) FLOOR					=	FAR AREA	+	GROSS - C
					=	1341.278	+	59.967
					TOTAL	=	1300.245	SQM

OPEN AREA (EWS)

GROSS - B								
A1	=	1	X	9.600	X	38.480	=	369.456 SQM
A2	=	1	X	4.325	X	0.900	=	3.893 SQM
A3	=	9	X	0.900	X	1.800	=	14.580 SQM
A4	=	1	X	0.900	X	2.630	=	2.367 SQM
A5	=	1	X	1.540	X	1.500	=	2.310 SQM
A6	=	1	X	10.900	X	11.265	=	118.283 SQM
A7	=	1	X	1.070	X	0.895	=	0.958 SQM
A8	=	1	X	2.245	X	0.900	=	2.021 SQM
A9	=	1	X	1.440	X	0.900	=	1.296 SQM
A10	=	1	X	4.340	X	47.635	=	206.736 SQM
A11	=	1	X	7.075	X	14.250	=	100.818 SQM
A12	=	1	X	4.055	X	3.700	=	15.004 SQM
A13	=	1	X	11.130	X	35.505	=	395.171 SQM
						TOTAL	=	1232.891 SQM

COVERED AREA PARKING CALCULATION (EWS)

GROSS - A								
P1	=	1	X	13.550	X	26.360	=	357.178 SQM
P2	=	18	X	0.900	X	4.840	=	69.696 SQM
P3	=	1	X	7.525	X	3.520	=	26.488 SQM
P3a	=	1	X	0.900	X	5.070	=	4.563 SQM
P4	=	1	X	0.900	X	8.390	=	7.551 SQM
P5	=	1	X	7.530	X	7.150	=	53.843 SQM
P7	=	1	X	5.990	X	1.500	=	8.985 SQM
P7	=	1	X	5.990	X	4.840	=	28.996 SQM
P8	=	1	X	8.025	X	7.526	=	60.408 SQM
P9	=	1	X	16.845	X	13.555	=	228.359 SQM
P10	=	1	X	17.140	X	7.525	=	128.978 SQM
P11	=	1	X	1.700	X	7.150	=	12.155 SQM
P12	=	1	X	23.040	X	7.725	=	177.984 SQM
P13	=	1	X	0.900	X	8.180	=	7.344 SQM
						TOTAL	=	1174.734 SQM

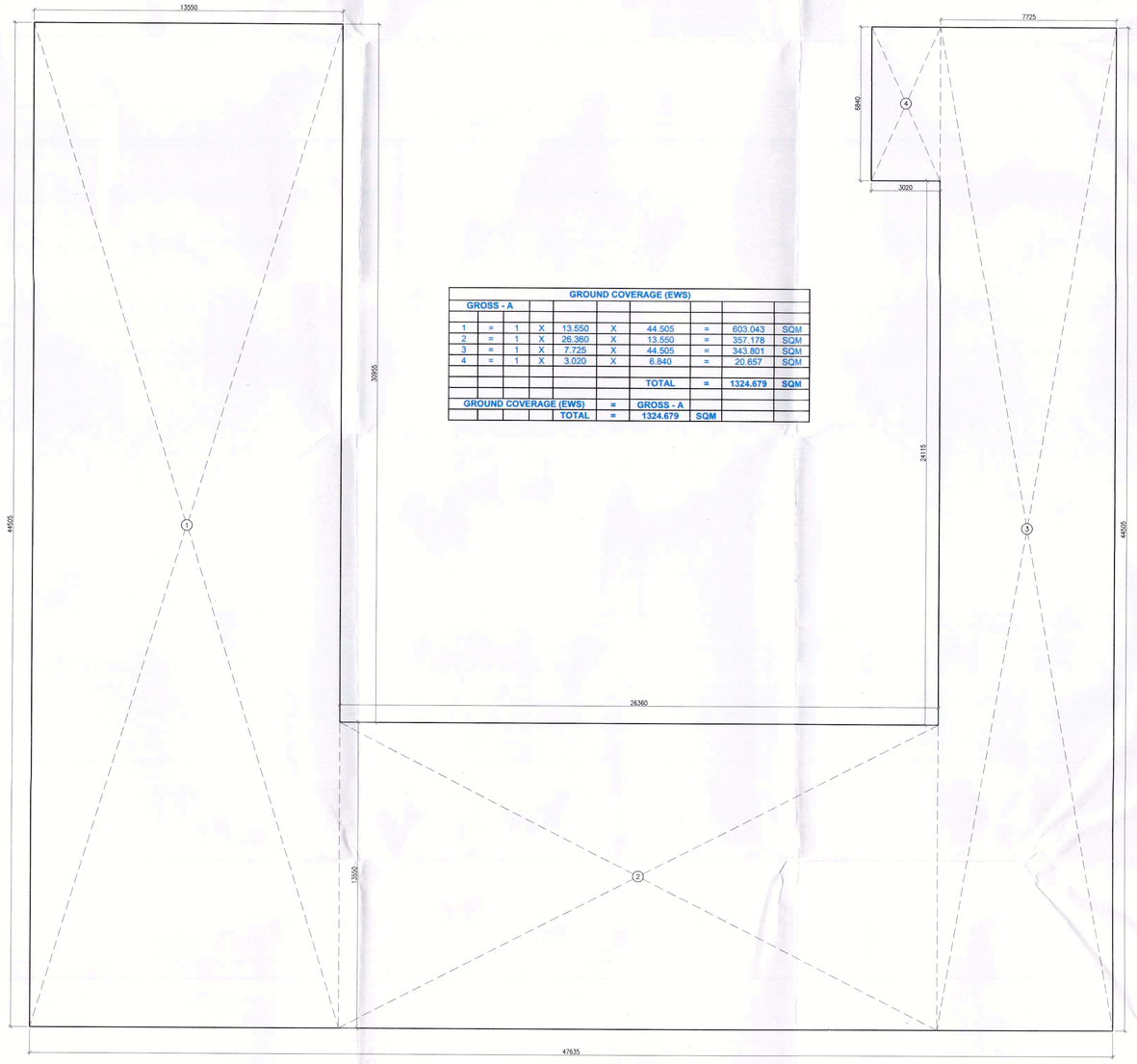
ECS IN EWS

TOTAL ECS REQUIRED = 5% OF TOTAL ECS
5% OF 1705.5
85.275 ECS REQ.

ECS ACHIEVED =
A. ECS IN OPEN AREA = 1232.891/23
= 53.603 ECS SAY 54 ECS

B. ECS IN COVERED AREA = 1174.734/28
= 41.954 ECS SAY 42 ECS

TOTAL ECS ACHIEVED = 54+42 ECS
= 96 ECS



GROUND COVERAGE
EWS

GROUND COVERAGE (EWS)

GROSS - A								
1	=	1	X	13.550	X	44.505	=	603.043 SQM
2	=	1	X	26.360	X	13.550	=	357.178 SQM
3	=	1	X	7.725	X	44.505	=	343.801 SQM
4	=	1	X	3.020	X	6.840	=	20.657 SQM
						TOTAL	=	1324.679 SQM
GROUND COVERAGE (EWS)					=	GROSS - A		
					=	1324.679	SQM	

ARCHITECT'S SEAL & SIGNATURE

PRATEEK BHATNAGAR
ARCHITECT
M.C.A.A.I.A.
Registration No.: CA/2003/32077
A-14755

OWNER'S SEAL & SIGNATURE

DLF Home Developers Limited
Authorised Signatory

JAN.-2023. | Scale : 1:100

Drawing Title:-
AREA CALCULATION OF 1ST TO 4TH FLOOR & GROUND COVERAGE (EWS)

Drawing No:-
E-03