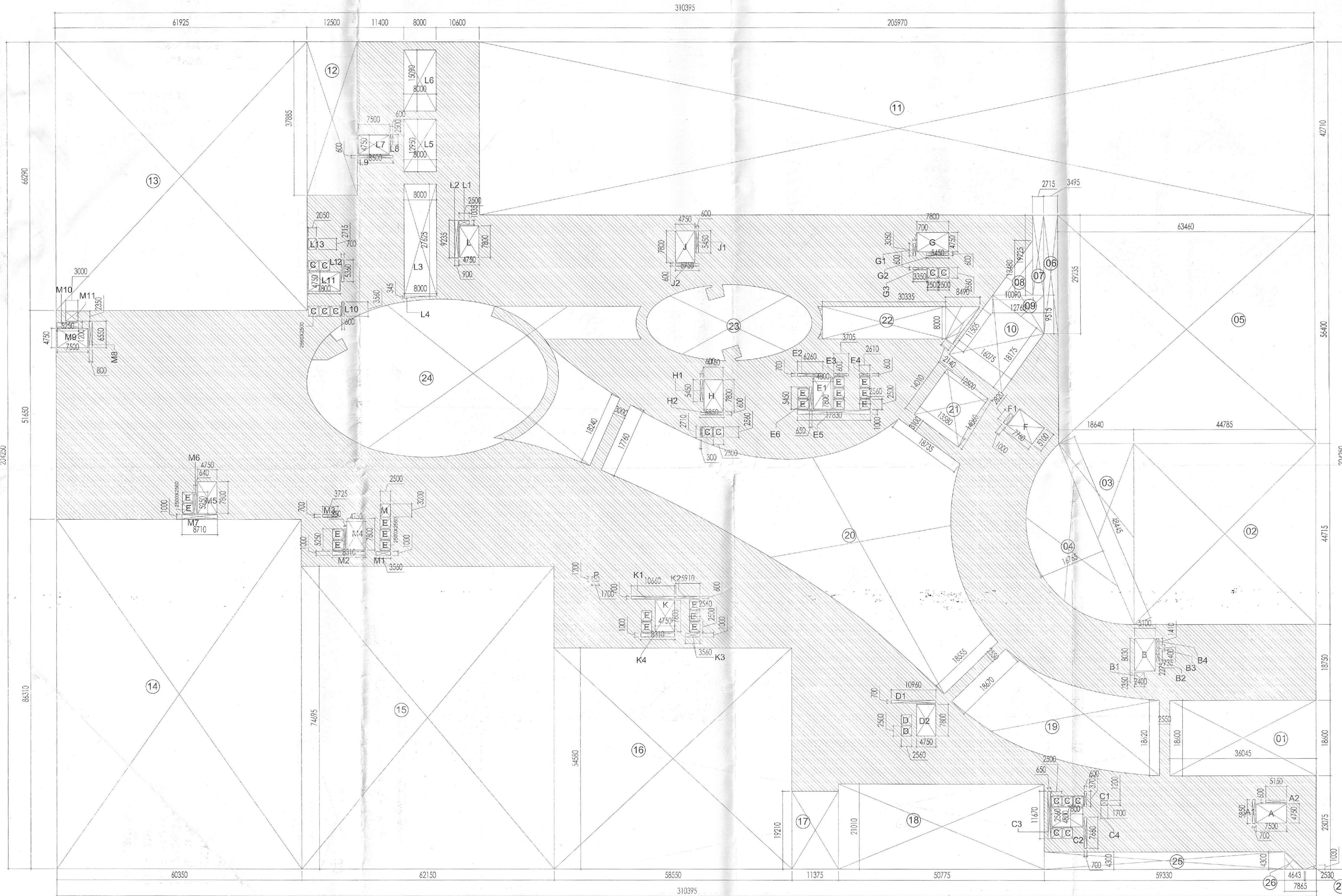




FIRST FLOOR AREA DETAIL (FAR)

DETAIL-23

A = 12.345 x 4.520 / 2 = 27.899 SQM.
 B = 1.015 x 6.870 x 0.667 = 4.651 SQM.
 C = 0.895 x 8.455 x 0.667 = 5.047 SQM.
 D = 0.910 x 14.430 x 0.667 = 8.758 SQM.
 E = 3.770 x 14.505 = 54.683 SQM.
 F = 8.780 x 14.580 X = 128.012 SQM.
 G = 3.735 x 14.580 / 2 = 27.228 SQM.
 H = 2.705 x 15.795 / 2 = 21.362 SQM.
 I = 0.850 x 15.795 x 0.667 = 8.754 SQM.
 J = 0.75 x 1.715 = 1.286 SQM.
 K = 4.09 x 12.595 = 51.513 SQM.
 L = 0.540 x 1.720 = 0.928 SQM.
 M = 2.780 x 13.50 = 37.53 SQM.
 N = 0.990 x 15.545 x 0.667 = 8.744 SQM.
 O = 8.225 x 13.510 = 111.119 SQM.
 P = 7.190 x 13.510 / 2 = 48.568 SQM.
 Q = 0.920 x 15.445 x 0.667 = 9.477 SQM.
 R = 2.920 x 10.120 / 2 = 14.775 SQM.
 S = 0.710 x 6.735 x 0.667 = 3.395 SQM.
 T = 4.990 x 0.610 x 0.667 = 2.030 SQM.
 TOTAL = 576.163 SQM.

DETAIL-04

A = 16.765 x 48.445 / 2 = 406.090 SQM.
 B = 29.455 x 4.60 x 0.667 = 90.373 X 2 = 180.746 SQM.
 TOTAL = 586.836 SQM.

DETAIL-20

A = 31.82 x 32.03 / 2 = 509.597 SQM.
 B = 33.52 x 33.670 / 2 = 564.309 SQM.
 C = 32.930 x 57.010 / 2 = 938.669 SQM.
 D = (100.830 + 103.50) / 2 X (17.750 + 18.04) / 2 = 102.165 x 17.905 = 1829.264 SQM.
 E = 18.06 x 4.24 / 2 = 38.287 SQM.
 TOTAL = 3880.126 SQM.
 LESS -
 1 = 101.83 x 5.010 x 0.667 = 340.282 SQM.
 2 = 45.035 x 8.175 x 0.667 = 185.486 SQM.
 3 = 36.310 x 4.055 x 0.667 = 98.207 SQM.
 4 = 111.250 x 65.760 / 2 = 371.137 SQM.
 TOTAL = 995.112 SQM.
 TOTAL = 2885.014 SQM.

DETAIL-22

A = AS/P.LINE = 12.310 SQM.
 B = 8.000 x 8.490 x 0.5 = 33.960 SQM.
 C = 8.000 x 30.335 x 1 = 242.680 SQM.
 D = (3.042 x 1.035) / 2 x 2 = 3.149 SQM.
 TOTAL = 292.35 SQM.

DETAIL-19

A = 18.360 x 27.825 = 510.867 SQM
 B = 18.095 x 20.320 = 367.690 SQM
 C = 24.795 x 1.290 x 0.667 = 21.334 SQM
 D = 30.820 x 1.070 x 0.667 = 22.407 SQM
 TOTAL = 922.298 SQM.

LESS-

1 = 15.90 x 0.785 x 0.667 = 8.325 SQM
 2 = 24.830 x 0.890 x 0.667 = 14.077 SQM
 TOTAL = 22.402 SQM.
 [ALL TOTAL = 922.298 - 22.402 = 899.896 SQM.]

DETAIL-01

a = 3.020 x 1.47 / 2 = 2.219 SQM.
 b = 3.020 x 5.575 / 2 = 8.418 SQM.
 c = 1.82 x 6.440 / 2 = 5.860 SQM.
 d = 3.220 x 7.845 / 2 = 12.630 SQM.
 e = 0.465 x 7.845 x 0.667 = 2.433 SQM.
 TOTAL = 31.56 SQM.

DETAIL-02

a = (8.755 + 5.620 + 5.520 + 12.570 + 7.42 + 5.450 + 3.025 + 8.520 + 10.22 + 8.23 + 9.490) / 2 = 42.525 x 2.550 = 108.438 SQM.
 b = 5.545 x 2.550 x 0.50 = 4.545 SQM.
 TOTAL = 108.438 + 4.545 = 112.983 SQM.

DETAIL-24

A = (11.790 + 10.745 / 2) x (20.920 + 18.240 / 2) = 220.607 SQM.
 B = 12.900 x 20.920 x 0.5 = 134.934 SQM.
 C = (12.230 + 9.525 / 2) x (35.175 + 33.015 / 2) = 370.851 SQM.
 D = 8.100 x 22.520 = 182.412 SQM.
 E = (12.454 x 0.500 x 0.5) + (0.647 x 4.225 x 0.320) = 1.617 SQM.
 F = (38.425 + 35.590 / 2) x (33.015 + 29.610 / 2) = 1158.781 SQM.
 G = 0.667 x 35.590 x 0.205 = 76.081 SQM.
 H = 0.667 x 38.425 x 0.405 = 112.897 SQM.
 J = 0.667 x 2.910 x 10.840 = 214.088 SQM.
 TOTAL = 2472.268 SQM.
 TOTAL NET AREA AT (DETAIL 24) = 2472.268 - (D1 & D2) = 2327.725 SQM.

FIRST FLOOR			
F.A.R. AREA CALCULATION			
AREA STATEMENT			
TOTAL PLATE AREA =	204.250	X 310.395 X 1	= 63398.179
		TOTAL PLATE AREA (A) =	63398.179
DEDUCTIONS			
1	=	36.045 X 18.600 X 1	= 670.437
2	=	44.785 X 44.715 X 1	= 2002.561
3	=	18.640 X 44.715 X 0.5	= 416.744
4	=	AS/DETAIL	= 586.836
5	=	63.460 X 56.400 X 1	= 3579.144
6	=	3.495 X 20.235 X 1	= 102.176
7	=	2.715 X 19.725 X 1	= 53.553
8	=	10.090 X 13.480 X 0.5	= 68.007
9	=	12.765 X 9.515 X 0.5	= 60.729
10	=	18.175 X 16.075 X 1	= 292.163
11	=	205.970 X 42.710 X 1	= 8796.979
12	=	12.500 X 37.885 X 1	= 473.563
13	=	61.925 X 66.200 X 1	= 4105.008
14	=	60.350 X 86.310 X 1	= 5208.809
15	=	62.150 X 74.695 X 1	= 4642.294
16	=	58.550 X 54.380 X 1	= 3195.659
17	=	11.375 X 19.210 X 1	= 218.514
18	=	50.775 X 21.010 X 1	= 1066.783
19	=	AS/DETAIL	= 899.896
20	=	AS/DETAIL	= 2885.014
21	=	AS/DETAIL	= 178.958
22	=	AS/DETAIL	= 292.350
23	=	AS/DETAIL	= 576.163
24	=	AS/DETAIL	= 2327.725
25	=	59.330 X 4.300 X 1	= 255.119
26	=	4.300 X 4.643 X 0.5	= 9.982
27	=	1.030 X 2.530 X 0.5	= 1.303
A	=	7.500 X 4.750 X 1	= 35.625
A1	=	0.700 X 5.850 X 1	= 4.095
A2	=	5.150 X 0.600 X 1	= 3.090
B	=	5.100 X 8.030 X 1	= 40.953
B1	=	2.400 X 2.350 X 1	= 5.640
B2	=	0.735 X 2.275 X 1	= 1.672
B3	=	0.735 X 1.400 X 1	= 1.029
B4	=	0.735 X 1.410 X 1	= 1.036
C	=	2.500 X 2.560 X 14	= 89.600
C1	=	1.700 X 1.200 X 1	= 2.040
C2	=	0.700 X 7.660 X 1	= 5.362
C3	=	0.650 X 11.870 X 1	= 7.706
C4	=	7.800 X 4.890 X 1	= 37.940
D	=	2.560 X 2.500 X 2	= 12.800
D1	=	10.960 X 0.700 X 1	= 7.672
D2	=	4.750 X 7.800 X 1	= 37.050
E	=	2.560 X 2.500 X 20	= 128.000
E1	=	4.800 X 7.800 X 1	= 37.440
E2	=	6.260 X 0.700 X 1	= 4.382
E3	=	3.705 X 0.600 X 1	= 2.223
E4	=	2.610 X 0.600 X 1	= 1.566
E5	=	17.830 X 1.000 X 1	= 17.830
E6	=	5.450 X 0.650 X 1	= 3.543
F	=	5.100 X 7.760 X 1	= 39.576
F1	=	2.820 X 1.000 X 1	= 2.820
G	=	7.800 X 4.750 X 1	= 37.050
G1	=	0.700 X 3.050 X 1	= 2.135
G2	=	5.450 X 0.600 X 1	= 3.270
G3	=	4.750 X 7.800 X 1	= 37.050
H	=	4.750 X 7.800 X 1	= 37.050
H1	=	0.600 X 5.450 X 1	= 3.270
H2	=	5.850 X 0.600 X 1	= 3.510
J	=	4.750 X 7.800 X 1	= 37.050
J1	=	0.600 X 5.450 X 1	= 3.270
J2	=	5.750 X 0.600 X 1	= 3.450
K	=	4.750 X 7.800 X 1	= 37.050
K1	=	10.660 X 0.700 X 1	= 7.462
K2	=	5.910 X 0.600 X 1	= 3.546
K3	=	3.560 X 1.000 X 1	= 3.560
K4	=	8.310 X 1.000 X 1	= 8.310
L	=	4.750 X 7.800 X 1	= 37.050
L1	=	2.500 X 1.035 X 1	= 2.588
L2	=	0.900 X 9.235 X 1	= 8.312
L3	=	8.000 X 27.625 X 1	= 221.000
L4	=	8.100 X 0.345 X 0.5	= 1.397
L5	=	8.000 X 12.950 X 1	= 103.600
L6	=	8.000 X 15.090 X 1	= 120.720
L7	=	7.500 X 4.750 X 1	= 35.625
L8	=	0.600 X 2.500 X 1	= 1.500
L9	=	8.500 X 0.600 X 1	= 5.100
L10	=	0.600 X 3.560 X 1	= 2.136
L11	=	7.800 X 4.750 X 1	= 37.050
L12	=	0.700 X 5.260 X 1	= 3.752
L13	=	2.050 X 2.715 X 1	= 5.566
M	=	2.500 X 3.200 X 1	= 8.000
M1	=	3.560 X 1.000 X 1	= 3.560
M2	=	8.310 X 1.000 X 1	= 8.310
M3	=	3.725 X 0.700 X 1	= 2.608
M4	=	4.750 X 7.800 X 1	= 37.050
M5	=	4.750 X 7.800 X 1	= 37.050
M6	=	0.640 X 5.250 X 1	= 3.360
M7	=	8.710 X 1.000 X 1	= 8.710
M8	=	0.800 X 6.550 X 1	= 5.240
M9	=	7.500 X 4.750 X 1	= 35.625
M10	=	5.250 X 1.200 X 1	= 6.300
M11	=	3.000 X 2.350 X 1	= 7.050
P	=	1.700 X 1.200 X 1	= 2.040
TOTAL AREA DEDUCTION (B)			44438.829
TOTAL PROPOSED F.A.R. AREA (A-B)			18959.350

PROJECT
 REVISED BUILDING PLAN OF COMMERCIAL COLONY MEASURING 10.4375 ACRES (LICENCE NO.56 OF 2013 DATED 10.07.2013) IN SECTOR -88, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY AMB INFRABUILD PVT. LTD.

ACPL

ACPL Design Ltd

DRAWING TITLE
 FIRST FLOOR AREA DETAIL

SCALE
 1:200

DRAWING NO.
 06

OWNER'S SIGNATURE

ARCHITECT'S SIGNATURE

This is a "PROVISIONAL BUILDING PLAN" approved only for the purpose of inviting objections from the general public.
 DINESH SHARMA
 SD (HQ)
 P.A.
 A.T.P.

SD (HQ)
 Member
 BPAC