

**SERVICE AREA CALCULATION**

TOTAL PLOT AREA	4800.000
PERMISSIBLE F.A.R @ 4.0	19200.000
PERMISSIBLE SERVICE AREA 13% OF PERMISSIBLE FAR	2880.000
PROPOSED SERVICE AREA @ 14.87 %	2875.954

S.NO.	FLOORS	IN SQ.M.
1	BASEMENT-01 FLOOR	631.568
2	LOWER GROUND FLOOR	278.072
3	GROUND FLOOR	68.485
4	FIRST FLOOR	142.611
5	SECOND FLOOR	174.646
6	THIRD FLOOR	174.646
7	FOURTH FLOOR	0.000
8	FIFTH FLOOR	0.000
9	SIXTH FLOOR	0.000
10	7TH FLOOR	180.164
11	SERVICE FLOOR-01	0.000
12	8th FLOOR	94.485
13	9th FLOOR	94.485
14	10th FLOOR	94.485
15	11th FLOOR	94.485
16	SERVICE FLOOR-02	0.000
17	12th FLOOR	94.485
18	13th FLOOR	94.485
19	14th FLOOR	94.485
20	15th FLOOR	94.485
21	SERVICE FLOOR-03	0.000
22	16th FLOOR	94.485
23	17th FLOOR	94.485
24	18th FLOOR	126.428
25	MACHINE ROOM, MUMTY & O.H. WATER TANK	145.485
<b>TOTAL SERVICE AREA</b>		<b>2,875.954</b>

**PROPOSED GREEN AREA CALCULATION**

S. NO.	DIM(m)	X	DIM(m)	FEC.	NOS.	AREA(SQ.M)
G01	2.950	X	4.400	1	1	130.980
G02	5.500	X	6.740	1	1	37.070
G03	1.950	X	6.500	1	1	8.775
G04	1.100	X	6.500	1	1	7.150
G05	25.100	X	1.800	1	1	45.180
G06	AS/PINE				1	1.880
G07	31.850	X	1.800	1	1	57.330
G08	3.000	X	3.000	0.5	1	4.500
G09	AS/PINE				1	2.570
G10	0.250	X	1.185	1	1	0.296
G11	3.250	X	20.100	1	1	65.325
G12	1.850	X	2.950	1	1	5.458
G13	1.850	X	2.950	1	1	5.458
G14	2.050	X	4.700	1	1	9.685
G15	3.000	X	3.050	0.5	1	4.575
G16	0.250	X	3.050	1	1	0.763
G17	AS/PINE				1	2.610
G18	6.450	X	0.550	1	1	3.548
G19	16.500	X	6.000	1	2	198.000
<b>TOTAL GREEN AREA (G)</b>						<b>591.18</b>

**F.A.R. AREA CALCULATION**

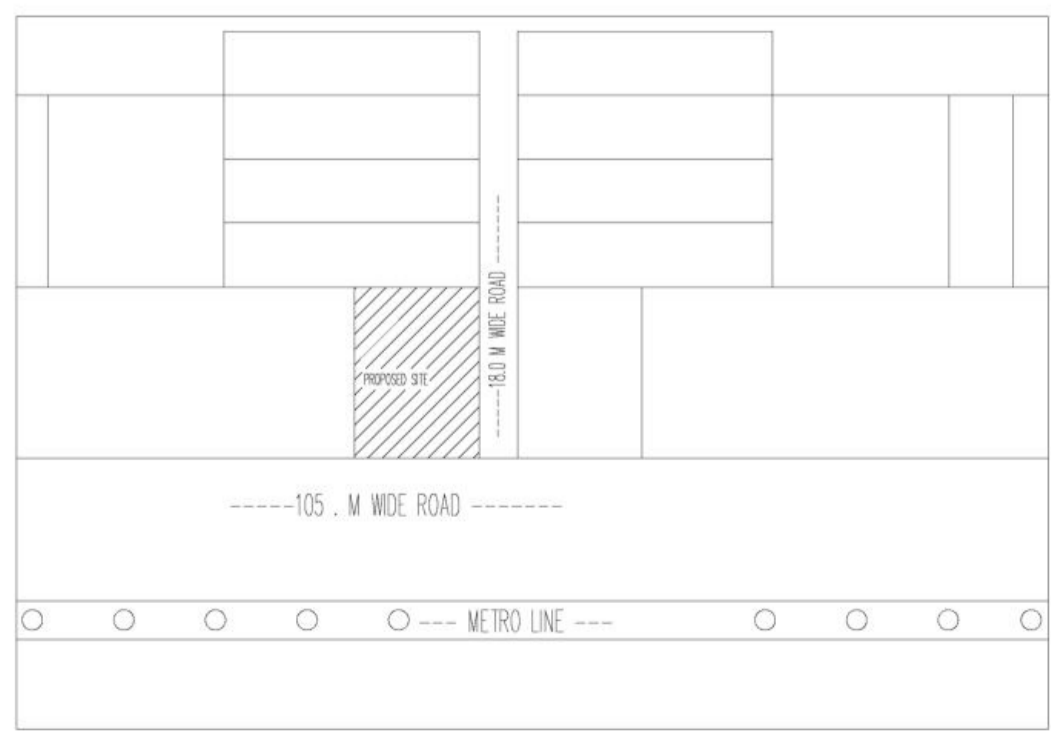
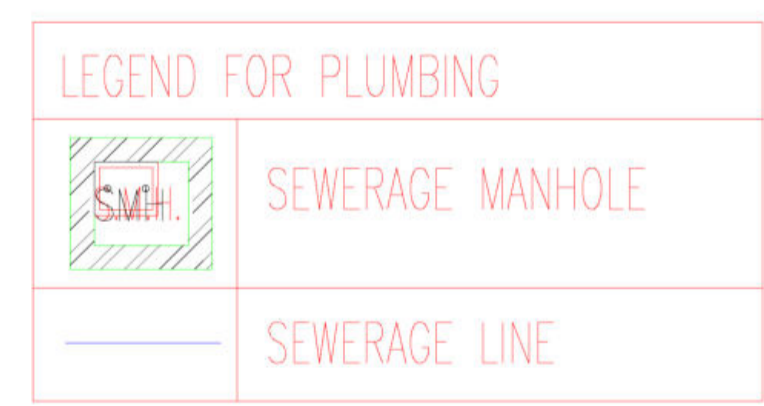
TOTAL PLOT AREA	4800.00
PERMISSIBLE GROUND COVERAGE @ 40%	1920.00
PERMISSIBLE F.A.R @ 4.0	19200.00
PROPOSED GROUND COVERAGE @ 39.95%	1911.86
PROPOSED F.A.R.	19169.55

**F.A.R. AREA**

S.NO.	FLOORS	IN SQ.M.
1	LOWER GROUND FLOOR	299.29
2	GROUND FLOOR	1851.48
3	FIRST FLOOR	1758.89
4	SECOND FLOOR	1745.66
5	THIRD FLOOR	1745.66
6	FOURTH FLOOR	0.00
7	FIFTH FLOOR	0.00
8	SIXTH FLOOR	0.00
9	7TH FLOOR	1113.56
10	8th FLOOR	1011.11
11	9th FLOOR	1011.11
12	10th FLOOR	1011.11
13	11th FLOOR	1011.11
14	12th FLOOR	1011.11
15	13th FLOOR	1011.11
16	14th FLOOR	1011.11
17	15th FLOOR	1011.11
18	16th FLOOR	1011.11
19	17th FLOOR	1011.11
20	18th FLOOR	543.96
<b>TOTAL F.A.R. AREA (A)</b>		<b>19,169.553</b>

**NON F.A.R. AREA**

21	BASEMENT-01 FLOOR	3448.846
22	LOWER GROUND FLOOR	3116.750
23	FOURTH FLOOR (PARKING)	1890.460
24	FIFTH FLOOR (PARKING)	1890.460
25	SIXTH FLOOR (PARKING)	1890.460
26	SERVICES FLOOR-1 (35.450 LVL.)	1218.275
27	SERVICES FLOOR-2 (53.450 LVL.)	1105.590
28	SERVICES FLOOR-3 (71.450 LVL.)	1105.590
<b>TOTAL NON F.A.R. AREA (B)</b>		<b>15,666.430</b>
<b>TOTAL BUILT - UP AREA (A+B)</b>		<b>34,835.983</b>



**GREEN AREA DETAIL :-**

**GREEN AREA :-**  
 GREEN AREA @20% OF OPEN AREA  
 OPEN AREA = PLOT AREA - GROUND COVERAGE  
 OPEN AREA = (4800.00 - 1911.86)  
 = 2888.14 SQ.M.

GREEN AREA REQUIRED 20% OF 2888.14 = 577.62 SQ.M.  
 GREEN AREA PROVIDED PLAN = 591.18 SQ.M.

**NO. OF TREES REQUIRED @ 1 TREE PER 100 SQ M OF OPEN AREA**  
 $\frac{2888.14}{100} = 28.88$  i.e. 29 TREE

**NO. OF TREES PROVIDED**  
 29 (EVER GREEN)

	NAMES	NO.s
1	CASSIA FISTULA SM C/C	12
2	DELONIX REGIA	20
<b>TOTAL</b>		<b>32</b>

**PARKING DETAIL :-**

**ECS REQUIRED :-**  
 PARKING REQUIREMENT FOR COMMERCIAL AREA  
 1 EQ.CAR SPACE PER 50 SQ.M. OF FAR AREA  
 TOTAL FAR AREA ALL FLOOR= 19200.00 SQ.M  
 PARKING REQUIRED =  $\frac{19200.00}{50} = 384$  CARS

**ECS PROVIDED :-**  
 MECHANICAL PARKING AT 1ST.BASEMENT = 128 ECS  
 MECHANICAL PARKING AT LOWER GR.FL. = 126 ECS  
 PARKING AT FOURTH FLOOR = 54 ECS  
 PARKING AT FIFTH FLOOR = 54 ECS  
 MECHANICAL PARKING AT SIXTH FLOOR = 86 ECS

**NET PARKING PROVIDED = 448 ECS**

**SCHEDULE OF OPENINGS**

TYPE	WIDTH	HEIGHT	SILL HT.	LINTEL
D1	750	2100	-	2100
D2	1000	2100	-	2100
D3	1200	2100	-	2100
D4	1050	2100	-	2100
FD01	2150	2100	-	2100
FD02	1500	2100	-	2100
FD03	1700	2100	-	2100
RS	3000	2400	-	2700
W1	1700	2100	900	3000
W2	2058	2100	900	300
W3	2300	2100	900	300
W4	2725	2100	900	300
W5	3300	2100	900	300
DW1	3500	2100	-	-
SD1	2400	2100	-	-

**KAVERI ELITE INFRA DEVELOPERS PVT. LTD.**  
 Director

**GIAN P. MAATHUR ARCHITECT**  
 B. Arch., M.C.A. I.I.A.  
 CA No. 80/5769  
 ARCHITECT'S SIGN

PROJECT:-  
 PROPOSED BUILDING PLAN OF COMMERCIAL AT  
 PLOT NO.:- C-5, SECTOR DELTA-I, GREATER NOIDA  
 BEING DEVELOPED BY M/S KAVERI TECHNOBUILD PVT. LTD.

TITLE: SITE PLAN & AREA CALCULATION (SEWERAGE LAYOUT)

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