

GAUR GROUP HOUSING SIDE

PROPOSED ELECTRICAL LOAD= 2442 KW.

**AREA CALCULATION**

TOTAL PLOT AREA = 11095 SQ.M.  
 PERM. F.A.R. 3.5 (2.75 + 0.75) = 38832.5 SQ.M.  
 PERM. GROUND COVERAGE 35% OF PLOT AREA = 3883.25 SQ.M.  
 PERM. 15% OF PRESCRIBED FAR TOWARDS COMMON AREAS = 5824.875 SQ.M.  
 PERMISSIBLE DENSITY = 2100 PPH  
 FOR 1.1095 HECT = 2329.96 PERSONS  
 PERMISSIBLE UNITS @ 4.5 PERSONS = 466.66 PER HECTARE  
 FOR 1.1095 HECT = 517.76 UNITS SAY 517 UNITS  
 PROPOSED UNITS = 517  
 PROPOSED DENSITY = 2328.5 PERSONS (SAY 2327 PERSONS)  
 PPH = 2097.3

**PROP. BASEMENT AREA DETAILS:**

TOTAL BASEMENT AREA = 7755.18 SQ.M.

**PROP. FAR DETAILS:**

PROPOSED FAR (FROM CHART-1)

= 38819.56 SQ.M. (= 3.490)

PERMISSIBLE COMMERCIAL (1% OF FAR) = 388.325 SQ.M.

PROPOSED COMMERCIAL = 384.56 SQ.M.

PROPOSED COMMUNITY HALL (F.F-11) = 248.898 SQ.M.

**PROP. GROUND COVERAGE DETAILS:**

PROPOSED TOTAL GROUND COVERAGE (from chart-2)

= 3425.23 sq.m. (= 30.87 %)

**PROP. STILT & PODIUM AREA DETAILS:**

PROPOSED STILT AREA = 1917.55 sq.m.

PROPOSED PODIUM AREA = 4557.22 sq.m.

**PROP. 15% F.A.R. DETAILS:**

PROPOSED 15% FAR (from chart-3)

= 4911.26 sq.m. (= 12.84 %)

**PARKING CALCULATION:**

PARKING REQUIRED = PROPOSED FAR @ ONE ECS/ 80 SQ.M.

= (38819.56/80) = 485.244

= SAY 485 ECS

**PROPOSED PARKING:**

BASEMENT PARKING = SINGLE PARKING + MECHANICAL PARKING

SINGLE PARKING = (BASEMENT AREA - (MECHANICAL AREA PARKING + LIFT +

COLUMNS+ STAIRCASE + RAMP + L.T. PANEL ROOM +

SERVICES AREA)) / 32

= (7755.18 - (1917.39 + 29.76 + 58.725 + 63.27 + 199.36 + 60

+ 232.85) / 32

= (7755.18 - 2561.355) / 32

= 5193.825 / 32

= 162.30 = SAY 162 ECS (1)

MECHANICAL PARKING = MECHANICAL PARKING AREA / 16

= 1917.39 / 16

= 123.71

= SAY 123 ECS (2)

PARKING PROVIDED IN BASEMENT = (1) + (2) = 285 ECS

**STILT/GROUND PARKING**

= (STILT AREA (LIFT + COL. + STAIRCASE)) / 30

= (1917.55 - (47.025) / 30 = 1870.525 / 30 = 62.35

= SAY 62 ECS

PARKING PROVIDED ON STILT = 62 ECS

**PODIUM PARKING**

= (PODIUM AREA - (COL.)) / 30

= (4557.22 - 11.709) / 30

= (4545.51) / 30

= 151.51

= SAY 151 ECS

TOTAL PARKING PROVIDED = 285 + 62 + 151 = 498 ECS

**OPEN AREA CALCULATIONS:**

TOTAL PLOT AREA = 11095.00 SQ.M.

OPEN AREA = PLOT AREA - GROUND COVERAGE

= 11095 - 3425.23

= 7669.77 SQ.M.

**SOFT GREEN AREA DETAIL**

= 50% OF OPEN AREA

= (50 x 7669.77 / 100) = 3834.885 SQ.M.

**LANDSCAPE AREA PROVIDED:**

= GREEN AREA PROVIDED

= 3995.76 SQ.M.

TREES REQUIRED = OPEN AREA/100

= 7669.77 / 100

= 76.69 SAY 77 TREES

TREES PROVIDED = 85

EVERGREEN TREE PROVIDED - 42

ORNAMENTAL TREE PROVIDED - 43

**LEGENDS FOR LANDSCAPING**

**EVERGREEN TREE**

ASHOKA - 22 NO.S

GULMOHAR - 20 NO.S

**ORNAMENTAL TREE**

BOTTLE PALM - 22 NO.S

BAMBOO - 21 NO.S

**TOTAL AREA FOR FEES CALCULATION**

| S. No                             | DESCRIPTION                                      | AREA (Sq.mt) |
|-----------------------------------|--------------------------------------------------|--------------|
| 1.                                | F.A.R AREA                                       | 38819.56     |
| 2.                                | 15% F.A.R AREA                                   | 4911.26      |
| 3.                                | TOTAL BASEMENT AREA EXCLUDING AREAS IN 15% F.A.R | 7462.33      |
| 4.                                | STILT AREA                                       | 1917.55      |
| 5.                                | PODIUM AREA                                      | 4557.22      |
| 6.                                | PODIUM RAMP'S AREA (R1+R2)                       | 248.73       |
| TOTAL BUILT-UP AREA (1+2+3+4+5+6) |                                                  | 57916.65     |

WIP GROUP HOUSING SIDE

883208 FS 7567-10  
 14/10/2016  
 5 years  
 No. 11  
 11/10/16

24.00 M. WIDE ROAD

PROJECT  
 REVISED SUBMISSION DRAWING FOR THE PROPOSED  
 GROUP HOUSING AT PLOT NO. 166/GH-03, SECTION  
 16C GREATER NOIDA.

OWNER  
 M/S. PRITHVEELINK ESTATE DEVELOPERS PVT. LTD.  
 THROUGH DIRECTOR GENERAL AT GOVT.

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SCALE: N.T.S. DATE: 14/10/2016  
 DESIGNED BY: AR. ANUJ AGARWAL  
 CHECKED BY: SD-01