

AREA CHART

TOTAL PLOT AREA = $25.0 \times 40.0 = 1000.0$ Sqmt.
PERMISSIBLE F.A.R. = $(100 \times 1.2 + 350 \times 1.0 + 550 \times 0.8) \times 1.3$
= 1183 Sqmt.
PERMISSIBLE GROUND FLOOR COVERAGE = $1000 \times 60\%$
= 600.0 Sqmt.
PROPOSED STILT FLOOR COVERED AREA = 17.0×28.0
= 476.0 Sqmt.
PROPOSED UPPER GROUND FLOOR COVERED AREA = 17.0×28.0
= 476.0 Sqmt.
PROPOSED FIRST FLOOR COVERED AREA = (A) - (B)
= $(17.0 \times 28.0) - (2.17 \times 2.0)$
= 471.66 Sqmt.
PROPOSED SECOND FLOOR COVERED AREA = C - B
= $17.0 \times 14.095 - 2.17 \times 2.0$
= 235.275 Sqmt.
PROPOSED TOTAL F.A.R. = (X) + (Y) + (Z)
= $(476 + 471.66 + 235.275)$
= 1182.93 Sqmt SAY = 1183 Sqmt.
TOTAL COVERED AREA OF GUARD & METER ROOM = (5.29×2.76)
= 14.60 Sqmt.
TOTAL COVERED AREA OF REAR MUMTY = 4.66×4.36
= 20.32 Sqmt.
TOTAL COVERED AREA OF FRONT MUMTY & LIFT M/C ROOM = 4.66×6.6
= 30.76 Sqmt.
TOTAL COVERED AREA OF ALL FLOORS (INCLUDING STILT, F.A.R., GUARD & METER ROOM, FRONT & REAR MUMTY/ LIFT M/C ROOM)
= $476 + 1183 + 14.60 + 20.32 + 30.76$ Sqmt.
= 1724.68 Sqmt.
PARKING REQUIREMENT = $1183 / 100 = 11.83$ ECS
= 11.83 x 30 Sqmt. in stils
= 354.9 Sqmt.
AREA PROVIDED UNDER STILTS = 476 Sqmt.
OPEN AREA = $1000 - 476 = 524$ Sqmt.
TREE REQUIRED = $524 / 100 = 5.24$ SAY = 6 NOS.
ELECT LOAD = 100 KW

