



AREA STATEMENT:-
 PLOT AREA = 2180.00 SQ.MT. ✓
 GROUND COVERAGE @ 35% = 763.00 SQ.MT. ✓
 F.A.R. @ 1.75 = 3815.00 SQ.MT. ✓

PROPOSED GROUND COVERAGE
 = AREA OF PODIUM (-) AREA OF FIRE STAIRS
 = 38.560 X 19.50 - 2.90 X 3.50 = 751.920 - 10.150
 = **741.770 SQ.MT. @ 34.03%**

PROPOSED COVD. AREA AT STILT (include in F.A.R.)
 = area of BLOCK - 1 = **55.624 SQ.MT.** ✓

PROPOSED PARKING AREA AT STILT (non FAR)
 = 741.770 - 55.624 = **686.146 SQ.MT.** ✓

PROPOSED COVD. AREA AT TYPICAL FLOOR
 - 1st to 10th FLOOR - incl. in FAR
 = (BLOCK-2) X 2 + BLOCK-3
 = (165.766 X 2) + 27.173 = 331.532 + 27.173
 = **358.705 SQ.MT.** ✓

PROPOSED COVD. AREA AT TYPICAL FLOOR
 - 1st to 10th FLOOR - Not incl. in FAR
 = area of Fire escape stairs + Main Staircase
 = Area of C + Area of D = 10.150 + 14.425
 = **24.575 SQ.MT.** ✓

PROPOSED COVD. AREA AT MUMTY / MACH. RM.
 - Not incl. in FAR
 = area of Block - 4 = **59.400 SQ.MT.** ✓

TOTAL PROPOSED COVD. AREA AT OF ALL FLOORS
 (included in F.A.R.)
 = Area of Stilts + 10 x area of Typical Floor
 = 55.624 + (10 x 358.705) = 55.624 + 3587.050
 = **3642.674 SQ.MT. @ 1.671** ✓

TOTAL PROPOSED COVD. AREA AT OF ALL FLOORS
 (included in F.A.R.)
 = Area of Stilts (FAR + non FAR)
 + 10 x area of Typical Floor (FAR + non FAR)
 + Mumty/ Mach. Rm
 = 55.624 + 686.146 + 10 x 358.705 + 10 x 24.575 + 59.400
 = 55.624 + 686.146 + 3587.050 + 245.750 + 59.400
 = **4633.970 SQ.MT.** ✓

PARKING CALCULATION
 TOTAL NUMBER OF UNITS
 = 2 X 10 Floors = 20 Units
 REQUIRED CAR PARKING @ 1.50 ECS
 = 20 X 1.5 CARS = 30 Cars
 REQ. COVERED PARKING @ 75%
 = 22.5 Cars or say 23 Cars

PROPOSED PODIUM AREA FOR PARKING
 = 686.146 sq.mt.
 PROPOSED STILTS / PODIUM PARKING
 @ 28 sq.mt. per Car = 686.146 / 28
 = 24.50 Cars or say 24 Cars

Total Proposed Covered Parking = 24 Cars
 Total Proposed Open area Parking = 6 Cars
 (27.60 x 5.00 = 138 sq.m²)

GREEN AREA CALCULATION
 PLOT AREA = 2180.00 SQ.MT. ✓
 REQUIRED GREEN @ 15% = 327.00 SQ.MT. ✓

PROPOSED GREEN AREA
 = Green 1 + Green 2
 = 8.428 x (2.322 + 5.0) / 2 + 12.288 x 14.385
 + 14.385 x 5.0 + 29.539 x 9.385 x 0.5
 = 30.855 + 176.763 + 72.695 + 138.611
 = **418.924 SQ.MT. @ 19.21%** ✓
 (355 16.326%)

- NOTE:
 1. AREAS WITHOUT DIRECT LIGHT & VENTILATION IN THE PROPOSED LAYOUT WILL BE MECHANICALLY VENTILATED.
 2. ALL THE LIFTS HAVE THE PROVISION OF FIRE MAN'S SWITCH
 3. FIRE DOORS PROVIDED SHALL BE AS PER THE GUIDELINES OF NATIONAL BUILDING CODES & LOCAL FIRE DEPARTMENT NORMS.
 4. 24 HOURS POWER BACK-UP WILL BE PROVIDED.

- NOTE:-
 1. RAIN WATER HARVESTING - RAIN WATER HARVESTING SYSTEM SHALL BE PROVIDED AT SITE AS PER PREVAILING NORMS OF THE GOVT.
 2. SOLAR WATER HEATING SYSTEM - SOLAR WATER HEATING SYSTEM SHALL ALSO BE PROVIDED AT SITE AS PER GOVT.
 3. STRUCTURAL STABILITY CERTIFICATE :- CERTIFIED THAT THE STRUCTURE PARTS OF THE ENTIRE BUILDING HAVE BEEN DESIGNED ON THE BASIS OF AREA AND CALCULATIONS AND IS CONSIDERED SAFE IN ACCORDANCE WITH PERMISSIBLE STRESSES AND SLENDERNESS RATIO.
 4. EARTHQUAKE SAFETY CERTIFICATE:- CERTIFIED THAT THE ENTIRE BUILDING HAS BEEN DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE THE LATEST ADDITION OF NATIONAL BUILDING CODE OF BUREAU INDIAN STANDARD FOR STRUCTURAL STABILITY AND TO WITH STAND THE EARTHQUAKE.

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| SITE PLAN & AREA DETAIL | |
| TITLE | SHEET NO.:- 01 |
| PROJECT | SCALE:- 1:100 |
| ARCHITECT | DATE:- |
| OWNER | SANCTIONED ESTATE OFFICER HUDA, PANIPAT J.E. |
| PROPOSED SOCIETY BUILDING PLAN THE SATKAR Co-op GROUP HOUSING SOCIETY LTD. PLOT NO. G.H.-7, SEC- 13/17, PANIPAT. | |
| ARCHITECT: <i>Sudesh Bala</i> OWNER: <i>The Satkar Co-op Group Housing Society Ltd.</i> | |

SITE PLAN (1:100)