LOCATION PLAN
NOT TO SCALE

SPECIFICATION

1. R.C.C. PILES FOUNDATION AS PER STRUCTURAL DESIGN
2. IST CLASS BRICK WORK IN CEMENT MORTAR (1:6) IN SUPER STRUCTUR
3. 0.112 TH LIME TERRACING OVER 0.10 TH R.C.C. SLAB ON TOP FLOOR
4. 0.025 TH I.P.S. FLOORING OVER 0.15 TH. DRY RAMMED KHOA OVER 0.075 TH FLAT BRICK SOLING
5. 12MM TH. CEMENT PLASTER ON BOTH SIDE OF WALL
6. ALL FLUSH DOORS AND STEEL FRAME WITH GLAZED WINDOW
7. WHITE AND COLOR WASH AS PER CHOICE

FIRE LEGENDS

[1] OVERHEAD WATER STATIC OF 10,000 LITERS CAPACITY - 10,000 LTRS
[2] HYDRANT POINT — (H) (WET RISING SYSTEM)
[3] HOSE REAL
[4] I.S.I MARKED F.E
[5] FLUORESCENT SIGN. — EXIT
[6] SEAMAC CONNECTION
[7] SPRINKLER'S INSTALLATION — S
[8] MANUAL CALL ALARM POINT
[9] FIRE RESISTANCE STEEL DOOR — ---FD---
[10] AREA COVERED WITH SMOKE DETECTION SYSTEM — ASA
[11] EMERGENCY LIGHT
[12] P.A SYSTEM
[13] FIRE ALARM CALL POINT
[14] UNDERGROUND WATER TANK CAPACITY - 200000 LTRS

PLOT DETAILS

PROPOSED RESIDENTIAL APARTMENT B+G+11, FOR M/S SAI S.V. VENTURES PVT. LTD.
M.D.- AMITESH ARUN, S/O- AMITABH KUMAR ARUN HAVING
PLOT NO.-430,431,432,433,438,440,441,442,443,444,455,459
MAUZA- DHIBRA, THANA NO.- 33, TAUZI NO.-5254,
KHATA NO.-2,4,7,9,10,13,23,48,49,51,124,DISTT.- PATNA

SHEET NO.	SCALE.	NORTH.
S.D -02/07	1 : 100	

Er. Jai Nath
BE,M.I.E., CEng (India)
Udhd Registration No.-
BR/UDHD/SE/23-0063
SIGNATURE OF STRUCTURAL ENG.

SAI SV VENTURES PVT. LTD.
DIRECTOR
SIGNATURE OF DEVELOPER

AMIT KUMAR
ARCHITECT
EMPANELMENT NO.
CA/1999/25514
UDHD, GOVERNMENT OF BIHAR
SIGNATURE OF ARCHITECT

AREA CALCULATION

PLOT AREA PART A = 3664.32 SQ.MT.
PLOT AREA PART B = 4301.15 SQ.MT.
MASTER PLAN ROAD AREA = 1051.77 SQ.MT.

TOTAL PLOT AREA AS/ POSSESSION = 9017.24 SQ.M
AREA OF PLOT USED FOR MASTER PLAN ROAD = 1051.77 SQ.M
NET PLOT AREA AS/ POSSESSION = 9017.24 - 1051.77 SQ.M = 7965.47 SQ.M.

PERMISSIBLE F.A.R = 2.5 = 22543.10 SQ.M
PREMIUM F.A.R= 0.36
ACHIEVED F.A.R = 2.86
Additional 15% F.A.R FOR LIG & EWS

BLOCK-A (B+G+11) RESIDENTIAL

BASEMENT FLOOR AREA = 26.00 SQ.MT.
GROUND FLOOR AREA = 24.00 SQ.MT.
1ST FLOOR AREA = 653.00 SQ.MT.
2ND FLOOR AREA = 653.00 SQ.MT.
3RD FLOOR AREA = 653.00 SQ.MT.
4TH FLOOR AREA = 653.00 SQ.MT.
5TH FLOOR AREA = 653.00 SQ.MT.
6TH FLOOR AREA = 653.00 SQ.MT.
7TH FLOOR AREA = 653.00 SQ.MT.
8TH FLOOR AREA = 653.00 SQ.MT.
9TH FLOOR AREA = 653.00 SQ.MT.
10TH FLOOR AREA = 653.00 SQ.MT.
11TH FLOOR AREA = 653.00 SQ.MT.
TOTAL BUILTUP AREA = 7233.00 SQ.MT.

BLOCK-B (B+G+11) COMMERCIAL & RESIDENTIAL

BASEMENT FLOOR AREA = 26.00 SQ.MT.
GROUND FLOOR AREA = 595.00 SQ.MT.
1ST FLOOR AREA = 606.00 SQ.MT.
2ND FLOOR AREA = 606.00 SQ.MT.
3RD FLOOR AREA = 606.00 SQ.MT.
4TH FLOOR AREA = 606.00 SQ.MT.
5TH FLOOR AREA = 606.00 SQ.MT.
6TH FLOOR AREA = 606.00 SQ.MT.
7TH FLOOR AREA = 606.00 SQ.MT.
8TH FLOOR AREA = 606.00 SQ.MT.
9TH FLOOR AREA = 606.00 SQ.MT.
10TH FLOOR AREA = 606.00 SQ.MT.
11TH FLOOR AREA = 606.00 SQ.MT.
TOTAL BUILTUP AREA = 7287.00 SQ.MT.

BLOCK-C (B+G+11) RESIDENTIAL

BASEMENT FLOOR AREA = 26.00 SQ.MT.
GROUND FLOOR AREA = 26.00 SQ.MT.
1ST FLOOR AREA = 1021.90 SQ.MT.
2ND FLOOR AREA = 1021.90 SQ.MT.
3RD FLOOR AREA = 1021.90 SQ.MT.
4TH FLOOR AREA = 1021.90 SQ.MT.
5TH FLOOR AREA = 1021.90 SQ.MT.
6TH FLOOR AREA = 1021.90 SQ.MT.
7TH FLOOR AREA = 1021.90 SQ.MT.
8TH FLOOR AREA = 1021.90 SQ.MT.
9TH FLOOR AREA = 1021.90 SQ.MT.
10TH FLOOR AREA = 1021.90 SQ.MT.
11TH FLOOR AREA = 1021.90 SQ.MT.
TOTAL BUILTUP AREA = 11292.90 SQ.MT.

GRAND TOTAL B/U AREA (A+B+C)
= **7233.00 + 7287.00 + 11292.90**
= **25812.90 SQ.MT.**

F.A.R = 25812.90 / 9017.24 = 2.86

EWS BLOCK D (B+G+11)

BASEMENT FLOOR AREA = 10.00 SQ.MT.
GROUND FLOOR AREA = 277.00 SQ.MT.
1ST FLOOR AREA = 326.00 SQ.MT.
2ND FLOOR AREA = 326.00 SQ.MT.
3RD FLOOR AREA = 326.00 SQ.MT.
4TH FLOOR AREA = 326.00 SQ.MT.
5TH FLOOR AREA = 326.00 SQ.MT.
6TH FLOOR AREA = 326.00 SQ.MT.
7TH FLOOR AREA = 326.00 SQ.MT.
8TH FLOOR AREA = 326.00 SQ.MT.
9TH FLOOR AREA = 326.00 SQ.MT.
10TH FLOOR AREA = 326.00 SQ.MT.
11TH FLOOR AREA = 326.00 SQ.MT.
TOTAL BUILTUP AREA = 3873.00 SQ.MT.

PARKING AREA CALCULATION

BLOCK-A
TOTAL RESIDENTIAL B/U AREA = 7233.00 SQ.M.
AFTER REDUCING 15% SERVICE AREA = 6148.05 SQ.M.
REQUIRED PARKING AREA FOR RESIDENTIAL BUILDING = 25% OF TOTAL B/U AREA = 1537.01 SQ.M.

BLOCK-B
TOTAL COMMERCIAL B/U AREA = 595.00 SQ.M.
AFTER REDUCING 15% SERVICE AREA = 505.75 SQ.M.
REQUIRED PARKING AREA FOR COMMERCIAL BUILDING = 30% OF TOTAL B/U AREA = 151.72 SQ.M.
TOTAL RESIDENTIAL B/U AREA = 6692.00 SQ.M.
AFTER REDUCING 15% SERVICE AREA = 5688.20 SQ.M.
REQUIRED PARKING AREA FOR RESIDENTIAL BUILDING = 25% OF TOTAL B/U AREA = 1422.05 SQ.M.

TOTAL REQUIRED PARKING = 151.72 + 1422.05 = 1573.77 SQ.M.

BLOCK-C
TOTAL RESIDENTIAL B/U AREA = 11292.90 SQ.M.
AFTER REDUCING 15% SERVICE AREA = 9598.96 SQ.M.
REQUIRED PARKING AREA FOR RESIDENTIAL BUILDING = 25% OF TOTAL B/U AREA = 2399.74 SQ.M.

BLOCK-D
TOTAL RESIDENTIAL B/U AREA = 3873.00 SQ.M.
AFTER REDUCING 15% SERVICE AREA = 3292.05 SQ.M.
REQUIRED PARKING AREA FOR RESIDENTIAL BUILDING = 25% OF TOTAL B/U AREA = 823.01 SQ.M.

TOTAL REQUIRED PARKING AREA = 1537.01+1573.77+2399.74+823.01 SQ.M. = 6333.53 SQ.M.

TOTAL PROVIDED PARKING AREA IN
BASEMENT BLOCK-A & B = 2465.00 SQ.M.
BASEMENT BLOCK-C & D = 2945.00 SQ.M.
GROUND FLOOR BLOCK-A = 603.00 SQ.M.
GROUND FLOOR BLOCK-C = 1006.00 SQ.M.

TOTAL PROVIDED PARKING AREA = 2465.00 + 2945.00 + 603.00 + 1006.00 SQ.M. = 7019.00 SQ.M.

GREEN AREA CALCULATION

REQUIRED GREEN AREA 15% of NET PLOT AREA
NET PLOT AREA= **7965.47** sq.m.
So, REQUIRED GREEN AREA = 1194.82 sq.m.
TOTAL PROVIDED GREEN AREA = 1367.00 sq.m.

EMERGENCY EVACUATION ASSEMBLY AREA

TOTAL NO. OF PERSON = 1796
AREA REQUIRED FOR 1 PERSON (TO STAND) = 0.30 SQ. M
AREA REQUIRED FOR 1796 PERSONS = 1796 X 0.30 = 538.80 SQMT.

TOTAL PROVIDED AREA = 702.00 SQ.MT.

GROUND COVERAGE AREA

NET PLOT AREA = 7965.47 SQ.M.
TOTAL GROUND COVERAGE AREA

BLOCK A = 653.00 SQ.MT.
BLOCK B = 606.00 SQ.MT.
BLOCK C = 1021.90 SQ.MT.
BLOCK D = 326.00 SQ.MT.

TOTAL COVERAGE AREA = 2606.90 SQ.M.

= 32.72 % OF TOTAL PLOT AREA

SITE PLAN