

PARKING CALCULATION
BLOCK-A
 TOTAL B.U. AREA INCLUDING
 SERVICE AREA= 5583.40 SQ.M.
 TOTAL B.U. AREA OF TOTAL B.U.=5583.40
 SQ.M.-837.51 SQ.M.
 NET B.U. AREA= (5583.40-837.51)=4745.89 SQ.M.
 TOTAL B.U. AREA OF BLOCK-A= 30% OF TOTAL
 B.U. AREA=4745.89 X30%=1423.76 SQ.M.(01)
 BLOCK-B=C+D=CLUB BLOCK
 TOTAL B.U. AREA OF BLOCK-C+D=Club Block)
 BLOCK-B(Affordable)=3180.42 SQ.M.
 15% SERVICE AREA OF TOTAL B.U. AREA=3180.42
 SQ.M.
 NET B.U. AREA= (3180.42-4704.06)=2667.35 SQ.M.
 TOTAL B.U. AREA OF BLOCK-B= 30% OF TOTAL
 B.U. AREA=2667.35 X30%=800.21 SQ.M.(02)
 TOTAL REQD. PARKING = (01)+(02)
 =1423.76 + 800.21= 3092.10 SQ.M.
BLOCK-B
 TOTAL B.U. AREA= 1423.76 SQ.M.
BLOCK-C
 ON MEZZANINE FLOOR= 414.99 SQ.M.
 ON 1ST FLOOR= 410.49 SQ.M.
 ON 2ND FLOOR= 1245.00 SQ.M.
 ON 3RD FLOOR= 1245.00 SQ.M.
 TOTAL=3746.47 SQ.M.
BLOCK-D
 ON GROUND FLOOR= 2993.50 SQ.M.
 ON 1ST POND FLOOR= 2993.50 SQ.M.
 ON 2ND FLOOR= 6668.34 SQ.M.
 TOTAL=6636.57 SQ.M.
BLOCK-E
 ON GROUND FLOOR= 508.76 SQ.M.
 ON 1ST POND FLOOR= 508.76 SQ.M.
 TOTAL=1017.52 SQ.M.
 PROVIDE C+D
 BLOCK-A+C= D= 1102.92 SQ.M.
 BLOCK-B+C= D= 1102.92 SQ.M.

GREEN AREA CALCULATION

WATER TANK CALCULATION, BLOCK-A

TOTAL AREA OF PLOT=16680.00 SQ.M
TOTAL AREA OF WATER TANK=100.00 SQ.M (0.60% OF PLOT AREA)
APPROXIMATE PERSONS=131
TOTAL NO. OF FLAT= 67 NOS
TOTAL REQ. WATER= 1019.4 + 48.66 = 1068.06 LTR/DAY
TOTAL REQ. AREA OF WATER TANK= 100.00 SQ.M
TOTAL REQ. WATER= 4318.40 + 40.18 = 4358.58 LTR/DAY
TOTAL REQ. AREA OF WATER TANK= 100.00 SQ.M
TOTAL REQ. WATER= 1019.4 + 40.18 = 1059.58 LTR/DAY
= 0.004 (2.52 X 100) = 0.01 NO. NOS

WATER TANK CALCULATION, BLOCK-B

TOTAL NO. OF FLAT = 39 NOS
TOTAL NO. OF PERSON= 1931-273
TOTAL REQ. WATER= 1019.4 + 48.66 = 1068.06 LTR/DAY
TOTAL REQ. WATER= 2738.15 - 3685.51 LTR/DAY
TOTAL REQ. AREA OF WATER TANK= 38.85 SQ.M
TOTAL REQ. WATER= 4318.40 + 40.18 = 4358.58 LTR/DAY
TOTAL REQ. AREA OF WATER TANK= 38.85 SQ.M
TOTAL REQ. WATER= 1019.4 + 40.18 = 1059.58 LTR/DAY
= 0.004 (2.52 X 100) = 0.01 NO. NOS

WATER TANK CALCULATION, BLOCK-C

TOTAL NO. OF FLAT = 132 NOS
TOTAL NO. OF PERSON= 1326 - 692
TOTAL REQ. WATER= 1019.4 + 48.66 = 1068.06 LTR/DAY
TOTAL REQ. WATER= 7928.15 - 10000.00 LTR/DAY
TOTAL REQ. AREA OF WATER TANK= 106.67 SQ.M
TOTAL REQ. WATER= 4318.40 + 40.18 = 4358.58 LTR/DAY
EXTRA FOR FIRE FIGHTING= 150.00 LTR/DAY
TOTAL REQ. WATER= 4508.58 LTR/DAY
TOTAL REQ. AREA OF WATER TANK= 154.71 SQ.M
TOTAL REQ. WATER= 1019.4 + 40.18 = 1059.58 LTR/DAY
= 0.004 (2.52 X 100) = 0.01 NO. NOS

WATER TANK CALCULATION, BLOCK-D

TOTAL NO. OF FLAT = 67 NOS
TOTAL NO. OF PERSON= 676X2= 402
TOTAL REQ. WATER= 1019.4 + 48.66 = 1068.06 LTR/DAY
TOTAL REQ. WATER= 7928.15 - 10000.00 LTR/DAY
TOTAL REQ. AREA OF WATER TANK= 154.71 SQ.M
TOTAL REQ. WATER= 4318.40 + 40.18 = 4358.58 LTR/DAY
EXTRA FOR FIRE FIGHTING= 150.00 LTR/DAY
TOTAL REQ. WATER= 4508.58 LTR/DAY
TOTAL REQ. AREA OF WATER TANK= 154.71 SQ.M
TOTAL REQ. WATER= 1019.4 + 40.18 = 1059.58 LTR/DAY
= 0.004 (2.52 X 100) = 0.01 NO. NOS

BLOCK-D RESIDENTIAL G+1ST PODIUM *Landscape=15
 GROUND FLOOR BU AREA = 39.03 SQ.M
 1ST PODIUM FLOOR BU AREA = 382.53 SQ.M.
 LANDSCAPE FLOOR BU AREA = 490.82 SQ.M
 2ND PODIUM FLOOR BU AREA = 490.82 SQ.M
 SECOND FLOOR BU AREA = 480.82 SQ.M
 THIRD FLOOR BU AREA = 490.82 SQ.M.
 4TH FLOOR BU AREA = 490.82 SQ.M.
 5TH FLOOR BU AREA = 490.82 SQ.M
 6TH FLOOR BU AREA = 490.82 SQ.M.
 7TH FLOOR BU AREA = 490.82 SQ.M
 8TH FLOOR BU AREA = 490.82 SQ.M
 9TH FLOOR BU AREA = 490.82 SQ.M.
 10TH FLOOR BU AREA = 490.82 SQ.M
 11TH FLOOR BU AREA = 490.82 SQ.M
 12TH FLOOR BU AREA = 490.82 SQ.M
 13TH FLOOR BU AREA = 490.82 SQ.M
 14TH FLOOR BU AREA = 490.82 SQ.M
 15TH FLOOR BU AREA = 490.82 SQ.M
 TOTAL BUILT UP AREA = 8274.68 SQ.M.—D—

BLOCK-CLUB BLOCK
 GROUND FLOOR BU AREA = 186.83 SQ.M.—E
 1ST FLOOR BU AREA = 1171.57 SQ.M
 TOTAL BUILT UP AREA = 298.54 SQ.M

TOTAL BU AREA OF BLOCK-(A+C+D+CLUB BLOCK)=
 5583.40 +1816.47 + 8274.68 +298.54 =2329.09 SQ.M.
 F.A.R. ACHIEVED = 33220.09/2329.09 =8.2339
 TOTAL BU AREA OF BLOCK-(A+C+D+CLUB BLOCK)+BLOCK-B=(Acheivable)
 33220.09/4642.73=369692.82 SQ.M.

F.A.R. ACHIEVED = 2.856
 PERMISSIBLE F.A.R.=250.0/375(EWS/UJ)=2.875

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PLAT DETAILS :-
AT - C. PLOT NO. - 525,526(P),631 (P),632,637 (P)
&638(P) ,KHATA NO.- 177,207,221,228,262&287,
THANA NO.- 17, TAUZI NO. - 5854,5855/GOVT. OF
BIHAR, MAUZA - SIKANDARPUR, P.S. - DANAPUR,
MOHALLA-SIKANDARPUR(BISCUIT FACTORY) ,
DIST-PATNA

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