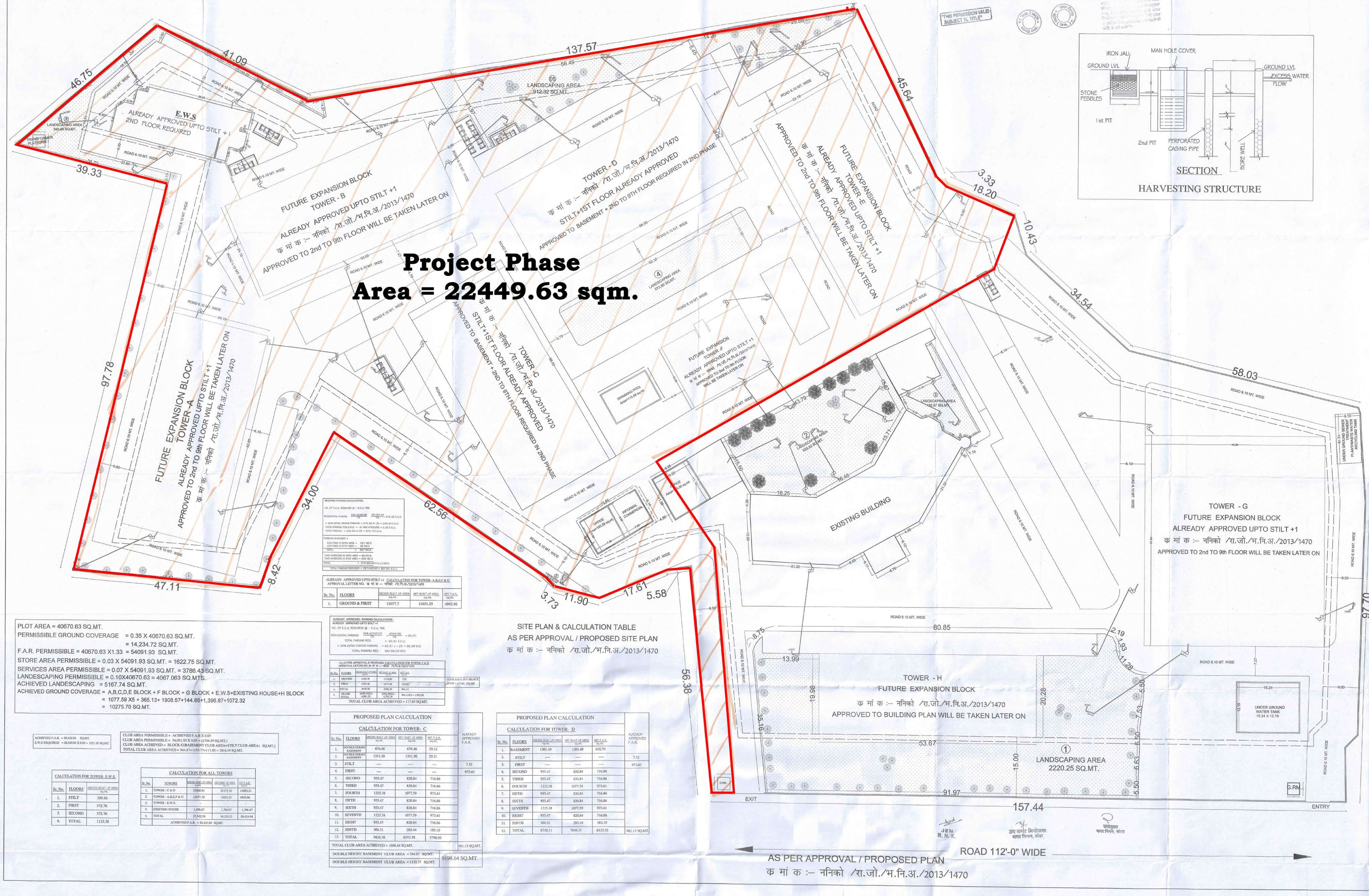
SHEET NO. 1

AS PER APPROVAL / PROPOSED PLAN
क मां क :– ननिको /रा.जो./भ.नि.अ./2013/1470



REQUIRED PARKING CALCULATIONS:-

NO. OF E.C.U. REQUIRED @ 1 E.C.U. PER

RESIDENTIAL PARKING $\frac{\text{FAR ACHIEVED}}{75} = \frac{20,424.04}{75} = 272.32$ E.C.U

+ 25% EXTRA VISITOR PARKING = 272.32 X1.25 = 340.40 E.C.U
TOTAL PARKING FOR E.W.S. = 16 TWO WHEELERS = 5.33 E.C.U.
TOTAL PARKING = 340.40+5.33 = 345.73 E.C.U.

PARKING AVAILABLE =
CAR PARK IN OPEN AREA = 221 NO.S
CAR PARK IN STILT AREA = 46 NO.S
TOTAL = 267 NO.S

TWO WHEELERS IN OPEN AREA = 68 NO.S
TWO WHEELERS IN STILT AREA = 202 NO.S
TOTAL = 270 (90.00 E.C.U.) NO.S

TOTAL PARKING PROVIDED = 267+90.00 = 357.00 E.C.U.

ALREADY APPROVED UPTO STILT +1 CALCULATION FOR TOWER- A,B,E,F & G
APPROVAL LETTER NO. क मां क :– ननिको /रा.नि.अ./2013/1470

Sr. No.	FLOORS	GROSS BUILT UP AREA sq.mt.	NET BUILT UP AREA sq.mt.	NET F.A.R. sq.mt.
1.	GROUND & FIRST	13077.7	11651.25	4943.96

ALREADY APPROVED PARKING CALCULATIONS:-
ALREADY APPROVED UPTO STILT +1
NO. OF E.C.U. REQUIRED @ 1 E.C.U. PER
RESIDENTIAL PARKING $\frac{\text{FAR ACHIEVED}}{75} = \frac{4943.96}{75} = 65.91$
TOTAL PARKING REQ. = 65.91 E.C.U
+ 25% EXTRA VISITOR PARKING = 65.91 x 1.25 = 82.38 ECU
TOTAL PARKING REQ. SAY 83.00 ECU

(A) AS PER APPROVAL & PROPOSED CALCULATION FOR TOWER- C & D
APPROVAL LETTER NO. क मां क :– ननिको /रा.नि.अ./2013/1470

Sr. No.	FLOORS	GROSS BUILT UP AREA sq.mt.	NET BUILT UP AREA sq.mt.	NET F.A.R. sq.mt.
1.	GROUND	1225.38	1318.80	7.52
2.	FIRST	1225.38	1077.59	973.61
3.	TOTAL	2450.76	2396.39	981.13
4.	GRAND TOTAL	2450.76X2= 4,901.52	2396.39X2= 4,792.78	981.13X2 = 1,962.26
TOTAL CLUB AREA ACHIEVED = 117.85 SQ.MT.				

CLUB AREA IN C-BLOCK
CLUB = 117.85 SQ.MT.

PLOT AREA = 40670.63 SQ.MT.
PERMISSIBLE GROUND COVERAGE = 0.35 X 40670.63 SQ.MT.
= 14,234.72 SQ.MT.
F.A.R. PERMISSIBLE = 40670.63 X1.33 = 54091.93 SQ.MT.
STORE AREA PERMISSIBLE = 0.03 X 54091.93 SQ.MT. = 1622.75 SQ.MT.
SERVICES AREA PERMISSIBLE = 0.07 X 54091.93 SQ.MT. = 3786.43 SQ.MT.
LANDESCAPING PERMISSIBLE = 0.10X40670.63 = 4067.063 SQ.MTS.
ACHIEVED LANDESCAPING = 5167.74 SQ.MT.
ACHIEVED GROUND COVERAGE = A,B,C,D,E BLOCK + F BLOCK + G BLOCK + E.W.S+EXISTING HOUSE+H BLOCK
= 1077.59 X5 + 365.13+ 1908.57+144.86+1,396.87+1072.32
= 10275.70 SQ.MT.

ACHIEVED F.A.R. = 20,424.04 SQ.MT.
E.W.S REQUIRED = 20,424.04 X 0.05 = 1021.20 SQ.MT.

CLUB AREA PERMISSIBLE = ACHIEVED F.A.R X 0.05
CLUB AREA PERMISSIBLE = 54,091.93 X 0.05 = (2704.59 SQ.MT.)
CLUB AREA ACHIEVED = BLOCK-C(BASEMENT CLUB AREA+STILT CLUB AREA) SQ.MT.)
TOTAL CLUB AREA ACHIEVED = 544.87+1153.77+117.85 = 1816.49 SQ.MT.

CALCULATION FOR TOWER- E.W.S.

Sr. No.	FLOORS	GROSS BUILT UP AREA sq.mt.
1.	STILT	389.86
2.	FIRST	372.76
3.	SECOND	372.76
4.	TOTAL	1135.38

CALCULATION FOR ALL TOWERS

Sr. No.	TOWERS	GROSS BUILT UP AREA sq.mt.	NET BUILT UP AREA sq.mt.	NET F.A.R. sq.mt.
1.	TOWER - C & D	23068.01	21175.10	14083.21
2.	TOWER - A,B,E,F & G	13077.70	11651.25	4943.96
3.	TOWER - E.W.S.	-	-	-
4.	EXISTING HOUSE	1,396.87	1,396.87	1,396.87
5.	TOTAL	37,542.58	34,223.22	20,424.04
	ACHIEVED F.A.R. = 20,424.04 SQ.MT.			

PROPOSED PLAN CALCULATION

CALCULATION FOR TOWER- C

Sr. No.	FLOORS	GROSS BUILT UP AREA sq.mt.	NET BUILT UP AREA sq.mt.	NET F.A.R. sq.mt.	ALREADY APPROVED F.A.R.
1.	DOUBLE HEIGHT BASEMENT	676.46	676.46	29.12	
2.	DOUBLE HEIGHT BASEMENT	1331.30	1331.30	55.21	
3.	STILT	—	—	—	7.52
4.	FIRST	—	—	—	973.61
5.	SECOND	935.47	820.84	716.86	
6.	THIRD	935.47	820.84	716.86	
7.	FOURTH	1225.38	1077.59	973.61	
8.	FIFTH	935.47	820.84	716.86	
9.	SIXTH	935.47	820.84	716.86	
10.	SEVENTH	1225.38	1077.59	973.61	
11.	EIGHT	935.47	820.84	716.86	
12.	NINTH	300.51	285.44	183.10	
13.	TOTAL	9436.38	8552.58	5798.95	
TOTAL CLUB AREA ACHIEVED = 1698.64 SQ.MT.					981.13 SQ.MT.
DOUBLE HEIGHT BASEMENT CLUB AREA = 544.87 SQ.MT.					1698.64 SQ.MT.
DOUBLE HEIGHT BASEMENT CLUB AREA = 1153.77 SQ.MT.					

PROPOSED PLAN CALCULATION

CALCULATION FOR TOWER- D

Sr. No.	FLOORS	GROSS BUILT UP AREA sq.mt.	NET BUILT UP AREA sq.mt.	NET F.A.R. sq.mt.	ALREADY APPROVED F.A.R.
1.	BASEMENT	1301.49	1301.49	610.70	
2.	STILT	—	—	—	7.52
3.	FIRST	—	—	—	973.61
4.	SECOND	935.47	820.84	716.86	
5.	THIRD	935.47	820.84	716.86	
6.	FOURTH	1225.38	1077.59	973.61	
7.	FIFTH	935.47	820.84	716.86	
8.	SIXTH	935.47	820.84	716.86	
9.	SEVENTH	1225.38	1077.59	973.61	
10.	EIGHT	935.47	820.84	716.86	
11.	NINTH	300.51	285.44	183.10	
12.	TOTAL	8730.11	7846.31	6325.32	981.13 SQ.MT.

AS PER APPROVAL / PROPOSED PLAN
क मां क :– ननिको /रा.जो./भ.नि.अ./2013/1470

DRAWING TITLE :-
SITE PLAN & CALCULATION TABLE

PROJECT TITLE :-
PROPOSED GROUP HOUSING AT
MOHAN NIWAS, CIVIL LINES
KOTA (RAJASTHAN)

PROJECT CONSULTANTS:
ideas
• ARCHITECTURE
• URBAN PLANING
• PROJECT MANAGEMENT
124, HIMMAT NAGAR, TONK ROAD, JAIPUR

SCALE - 1:250

NORTH POINT

Sushila Kumari
Pratap Singh

OWNER

GYANENDRA SINGH SHEKHAWAT
Architect
CA/97/22035

ARCHITECT