

Ranjit Das
 ADP(2)
 Design Director (I)
 Civil Structures Fire Service
 Member E.P.C.

LEGEND FOR PLUMBING	
M.H.	SEWERAGE MANHOLE
SM	SEWERAGE MANHOLE
PP	SEWERAGE PIPE
SP	SEWERAGE PIPE
MSL	MUNICIPAL SUPPLY LINE
CWSL	COLD WATER SUPPLY LINE
LWSL	HEATING WATER SUPPLY LINE
FW	FRESH WATER
FWC	FRESH WATER CONNECTION
GW	GREEN PARK
BLV	BAL VALVE BUTTERFLY VALVE
ISV	ISOLATION VALVE
ISV	ISOLATION VALVE
ISV	ISOLATION VALVE
ISV	ISOLATION VALVE
ISV	ISOLATION VALVE

Green Area Summary		
	Permissible	Proposed
Green Area	3035.138	3432.187
	15%	16.96%

GREEN AREA CALCULATION GROUND LEVEL						
TYPE	QUANTITY	SHAPE	FORMULA	DETAIL	CALCULATION EACH AREA IN SQ.M	
COVERAGE (ADDITION)						
G1	1	RECTANGLE	L x B	13.370	109.000	1457.330
G2	2	RECTANGLE	L x B	4.955	8.820	87.406
G3	3	RECTANGLE	L x B	4.380	14.670	192.764
G4	1	RECTANGLE	L x B	5.240	43.860	229.826
G5	1	TRAPEZIUM	1/2 X (L+B) x H	1/2X(36.146+16.917)X	21.366	566.872
G6	1	TRAPEZIUM	1/2 X (L+B) x H	1/2X(16.917+17.207)X	14.174	241.837
G7	1	TRAPEZIUM	1/2 X (L+B) x H	1/2X(25.390+15.693)X	10.342	212.440
G8	1	RECTANGLE	L x B	119.200	1.500	178.800
G9	1	RECTANGLE	L x B	1.500	58.500	87.760
G10	1	TRAPEZIUM	1/2 X (L+B) x H	1/2X(67.010+66.895)X	1.500	100.429
G11	1	TRAPEZIUM	1/2 X (L+B) x H	1/2X(33.120+34.560)X	1.500	50.760
G12	1	TRIANGLE	1/2 X B x H	1/2 X 1.320 X	6.580	4.343
G13	1	TRIANGLE	1/2 X B x H	1/2 X 6.000 X	5.875	17.625
G14	1	AS/PLAN	1/2 X 4/3 X A x H	1/2X4/3X6.565X0.915		4.005
NET GREEN AREA AT GROUND FLOOR LVL.						3432.187

1 LANDSCAPE PLAN
 Scale:1:300

PRINCIPLE ARCHITECT

dfi
DESIGN FORUM INTERNATIONAL
 8/47, RAJ SARAI COLONY, NEW DELHI-11
 PHONE 011-45556003 FAX 46556001

CLIENT:
MRA Infrastructure Development LLP in Collaboration with Nani Resorts & Floriculture Private Limited

PROJECT NAME AND ADDRESS
PROPOSED AFFORDABLE GROUP HOUSING COLONY FOR AN AREA MEASURING 5.0 ACRES(LICENCE NO. 43 OF 2019 DATED 05.03.2019) IN SECTOR 108 GURUGRAM MANESAR URBAN COMPLEX

DRAWING TITLE
LANDSCAPE & GREEN AREA CALCULATIONS

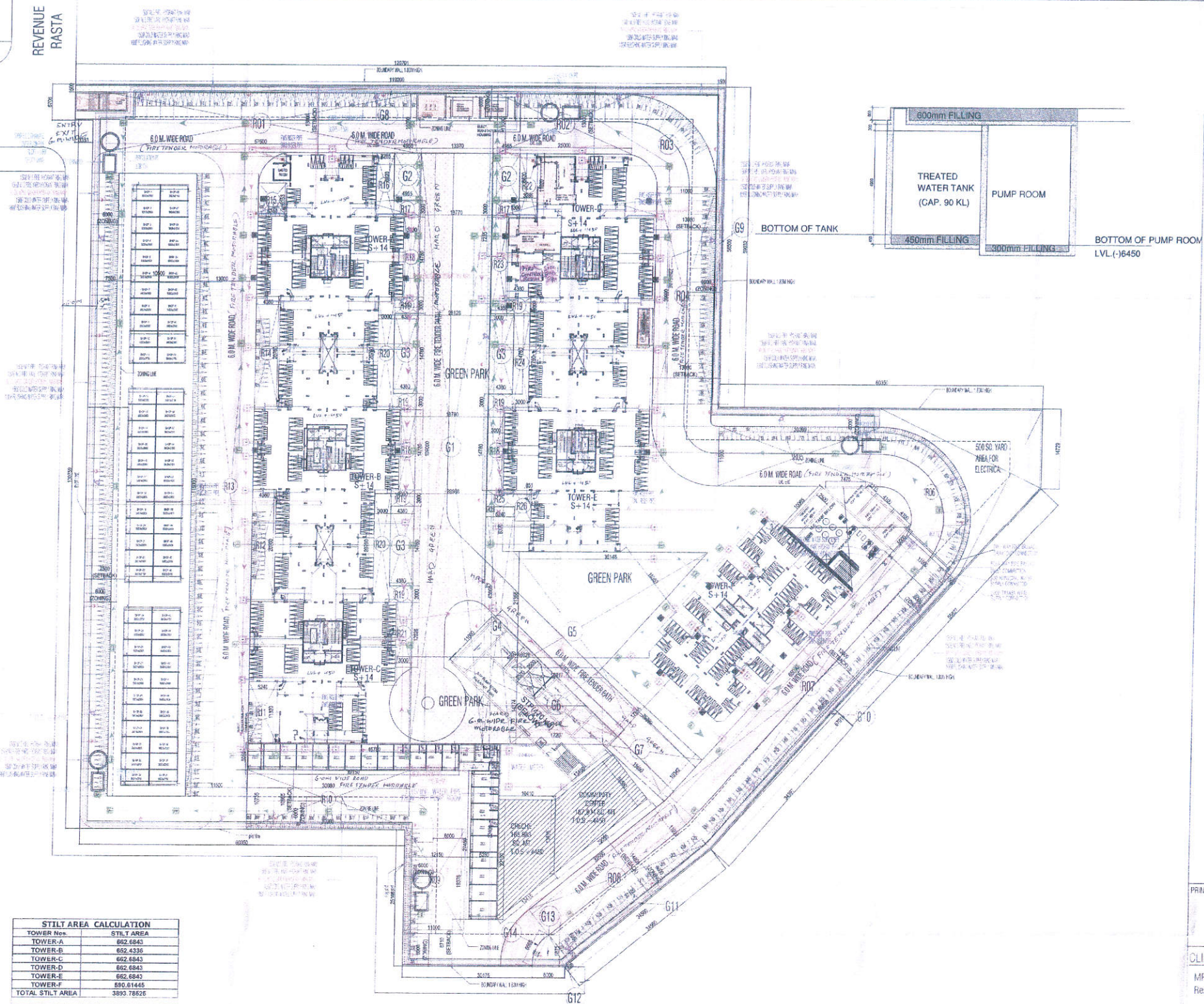
OWNERS SIGNATURE: _____ ARCHITECTS SIGNATURE: _____

For Nani Resorts & Floriculture Pvt. Ltd. **ANU TEVATHA**
 B. Arch (Hons) CAUSA 2017

SCALE: 1:300 SHEET NO. _____
 DATE: _____

REVENUE RASTA

24 M WIDE ROAD



For
Member BPC
Ram Arav Basal
ADHQ

OPEN PARKING AREA CALCULATION

S.No.	NAME	SHAPE	LENGT (L)	WIDTH (B)	HEIGHT (H)	FORMULA	AREA	QUANTITY	TOTAL AREA
1	R01	Rectangle	57.500	11.000	-	LXB	632.500	1	632.500
2	R02	Rectangle	25.000	11.000	-	LXB	275.000	1	275.000
3	R03	PLINE	-	-	-	LXB	186.117	1	186.117
4	R04	Rectangle	11.000	39.000	-	LXB	429.000	1	429.000
5	R05	Rectangle	30.269	11.000	-	LXB	332.959	1	332.959
6	R06	PLINE	-	-	-	LXB	278.371	1	278.371
7	R07	Rectangle	65.000	11.000	-	LXB	715.000	1	715.000
8	R08	Rectangle	32.500	11.027	-	LXB	358.700	1	358.700
9	R09	Rectangle	11.000	19.274	-	LXB	212.116	1	212.116
10	R10	Rectangle	30.000	10.735	-	LXB	322.050	1	322.050
11	R11	Rectangle	4.240	11.370	-	LXB	48.100	1	48.100
12	R12	Rectangle	4.380	20.760	-	LXB	90.920	1	90.920
13	R13	Rectangle	11.500	115.000	-	LXB	1322.500	1	1322.500
14	R14	Rectangle	4.250	20.760	-	LXB	88.290	1	88.290
15	R15	Rectangle	4.240	6.153	-	LXB	26.084	1	26.084
16	R16	Rectangle	3.285	11.820	-	LXB	38.829	1	38.829
17	R17	Rectangle	4.974	3.000	-	LXB	14.922	2	29.844
18	R18	Rectangle	2.000	14.780	-	LXB	29.560	2	59.120
19	R19	Rectangle	4.250	3.000	-	LXB	12.750	2	25.500
20	R20	Rectangle	3.000	20.760	-	LXB	62.280	2	124.560
21	R21	Rectangle	3.000	12.028	-	LXB	36.084	1	36.084
22	R22	Rectangle	3.285	11.820	-	LXB	38.829	1	38.829
23	R23	Rectangle	3.000	12.780	-	LXB	38.340	1	38.340
24	R24	Rectangle	3.000	17.760	-	LXB	53.280	1	53.280
25	R25	Rectangle	3.249	3.000	-	LXB	9.747	1	9.747
26	R26	Rectangle	3.000	5.010	-	LXB	15.030	1	15.030
									596.562

STILT PARKING AREA

TOWER	STILT AREA (X)	STILT FLOOR F.A.R.(Y)	PARKING AREA ON STILT (X*Y)
TOWER-A	662.684 SQ.M	57.572 SQ.M	685.112 SQ.M
TOWER-B	662.684 SQ.M	57.572 SQ.M	685.112 SQ.M
TOWER-C	662.684 SQ.M	57.572 SQ.M	685.112 SQ.M
TOWER-D	662.684 SQ.M	57.572 SQ.M	685.112 SQ.M
TOWER-E	662.684 SQ.M	57.572 SQ.M	685.112 SQ.M
TOWER-F	580.614 SQ.M	46.520 SQ.M	544.894 SQ.M
TOTAL STILT PARKING AREA			3559.405 SQ.M

STILT AREA CALCULATION

TOWER No.	STILT AREA
TOWER-A	662.684
TOWER-B	662.684
TOWER-C	662.684
TOWER-D	662.684
TOWER-E	662.684
TOWER-F	580.614
TOTAL STILT AREA	3893.762

PARKING SUMMARY

TOTAL NO. OF APARTMENTS	728
PARKING REQUIRED @ 0.5 ECS PER DU	364 ECS
PARKING REQUIRED BY AREA	
PROPOSED OPEN PARKING AREA	596.562 SQ.M
TOTAL NOS. OF PARKING IN OPEN SPACE @ 23 SQ.M/ECS	259.546 ECS
	260 ECS
PROPOSED STILT PARKING AREA	3559.405 SQ.M
TOTAL NOS. OF PARKING IN STILT AREA @ 28 SQ.M/ECS	127.122 ECS
	127 ECS
TOTAL ECS REQUIRED	387 ECS
PARKING PROVIDED	
TOTAL NO. OF APARTMENTS	728
TWO WHEELER PARKING REQUIRED @ 1 PARKING PER DU	728
2 WHEELERS PROVIDED ON STILT	381 NO.
2 WHEELERS PROVIDED SITE	587 NO.
TOTAL 2 WHEELERS PROVIDED	968 NO.

LEGEND FOR P.LUMBING

M.H	SEWERAGE MAN-HOLE
W.P.H	WATER MAN-HOLE
---	SEWERAGE PIPE
---	WATER PIPE
---	MUNICIPAL SUPPLY LINE
---	COLD WATER SUPPLY LINE
---	FRESHING WATER SUPPLY LINE
---	TRASH LINE
---	WIRE BRIDGE CONNECTION
---	SEWERAGE VALVE
---	WATER VALVE BUTTERFLY VALVE
---	NON-RETURN VALVE
---	SEWERAGE STOP VALVE
---	WIRE MAN-HOLE

PRINCIPLE ARCHITECT
dfi
 DESIGN FORUM INTERNATIONAL
 PLOT NO. 43, KALAJAH COLONY, NEW DELHI-40
 PHONE: 011-45559011 FAX: 45559011

CLIENT:
 MRA Infrastructure Development LLP in Collaboration with Nani Resorts & Floriculture Private Limited

PROJECT NAME AND ADDRESS
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DRAWING TITLE:
 ROAD/PAVEMENT DETAIL CALCULATIONS

OWNERS SIGNATURE
 For MRA Infrastructure Development LLP

ARCHITECT'S SIGNATURE
ANUJ TEVATIA
 B. Arch (Hons)
 C.A.S. 1987-88