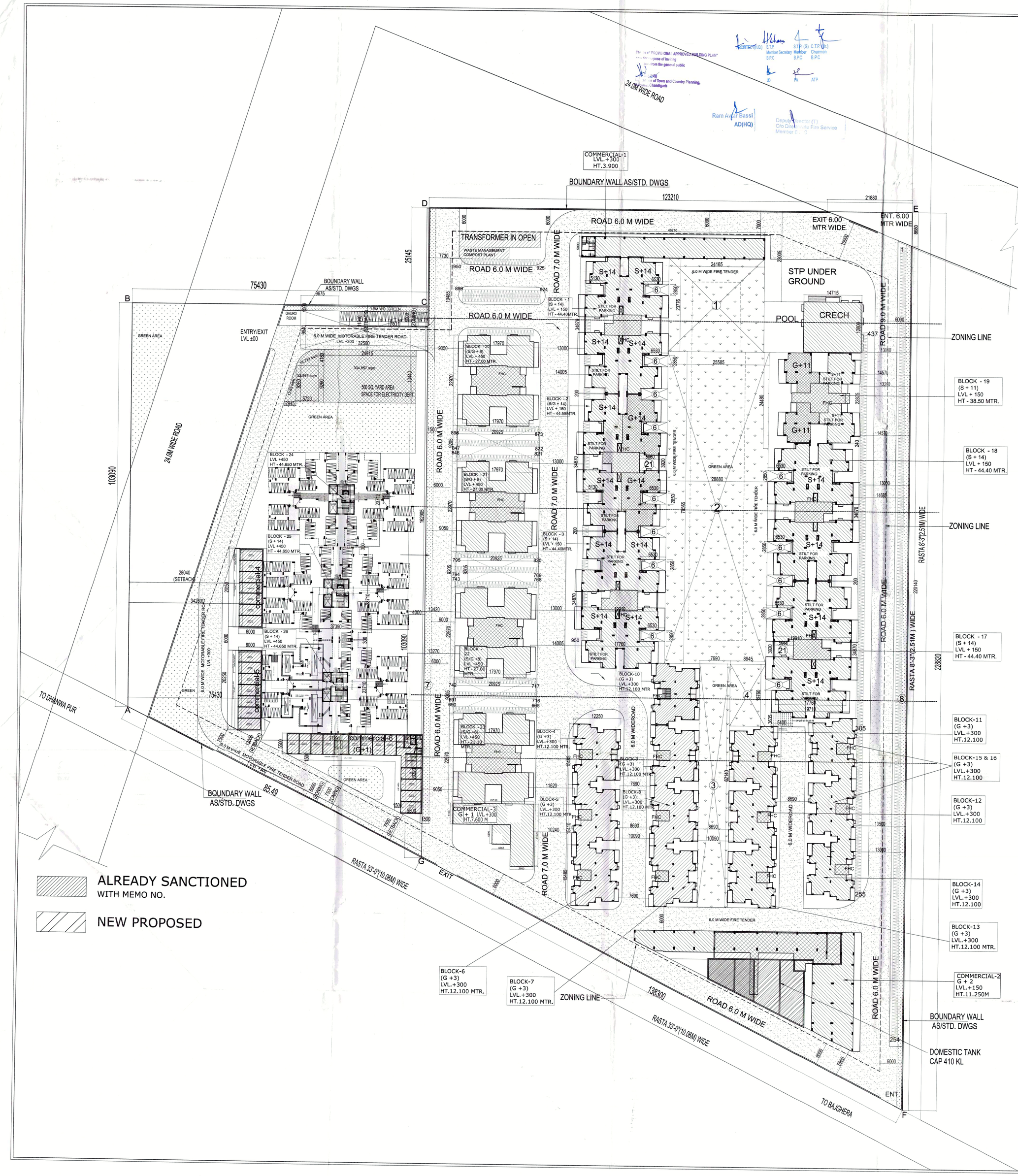
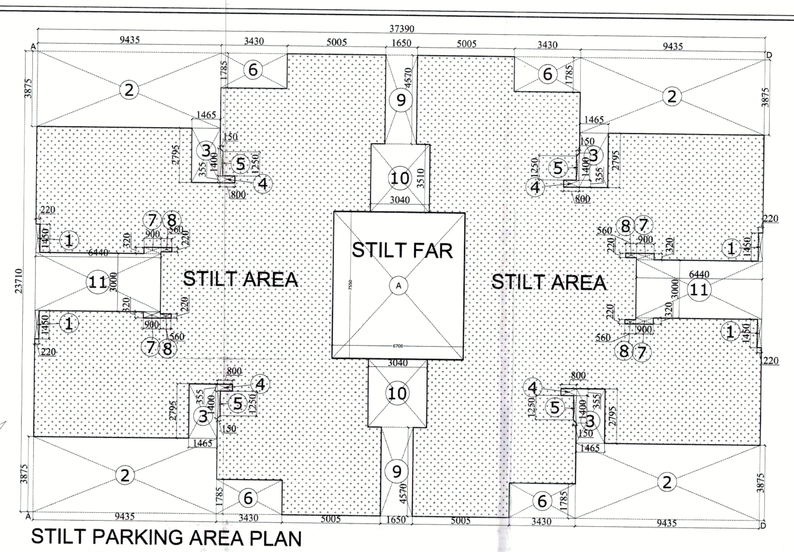
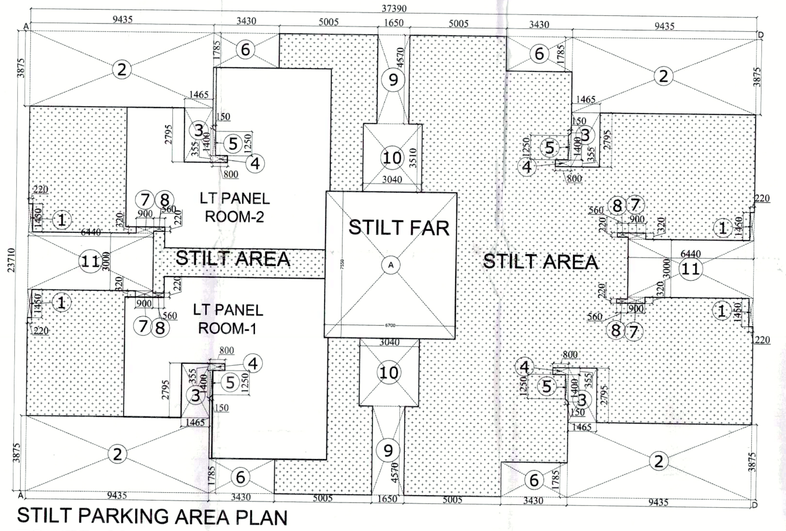




STILT PARKING AREA PLAN
TOWER -24 & 25
scale- 1:200



STILT PARKING AREA PLAN
TOWER -26
scale- 1:200

(TOWER -24) STILT AREA CALCULATION

TYPE	QUANTITY	SHAPE	FORMULA	DETAIL		CALCULATION EACH AREA IN SQ.M
COVERAGE (ADDITION)						
ABCD	1	RECTANGLE	L x B	37.390	23.710	886.517
TOTAL						**886.517**
COVERAGE (DEDUCTION)						
1	4	RECTANGLE	L x B	0.220	1.450	1.276
2	4	RECTANGLE	L x B	9.435	3.875	146.243
3	4	RECTANGLE	L x B	1.465	2.795	16.379
4	4	RECTANGLE	L x B	0.800	0.335	1.072
5	4	TRAPEZIUM	1/2X(L+B)XH	1/2X(1.400+1.250)X0.150		0.795
6	4	RECTANGLE	L x B	3.430	1.785	24.490
7	4	RECTANGLE	L x B	0.970	0.320	1.242
8	4	RECTANGLE	L x B	0.560	0.220	0.493
9	2	RECTANGLE	L x B	1.650	4.570	15.081
10	2	RECTANGLE	L x B	3.040	3.510	21.341
11	2	RECTANGLE	L x B	6.440	3.000	38.640
TOTAL (X)						267.051
NET COVERED AREA = ABCD - (X)						**619.466**

(TOWER -25 & 26) STILT AREA CALCULATION

TYPE	QUANTITY	SHAPE	FORMULA	DETAIL		CALCULATION EACH AREA IN SQ.M
COVERAGE (ADDITION)						
ABCD	1	RECTANGLE	L x B	37.390	23.710	886.517
TOTAL						**886.517**
COVERAGE (DEDUCTION)						
1	4	RECTANGLE	L x B	0.220	1.450	1.276
2	4	RECTANGLE	L x B	9.435	3.875	146.243
3	4	RECTANGLE	L x B	1.465	2.795	16.379
4	4	RECTANGLE	L x B	0.800	0.335	1.072
5	4	TRAPEZIUM	1/2X(L+B)XH	1/2X(1.400+1.250)X0.150		0.795
6	4	RECTANGLE	L x B	3.430	1.785	24.490
7	4	RECTANGLE	L x B	0.970	0.320	1.242
8	4	RECTANGLE	L x B	0.560	0.220	0.493
9	2	RECTANGLE	L x B	1.650	4.570	15.081
10	2	RECTANGLE	L x B	3.040	3.510	21.341
11	2	RECTANGLE	L x B	6.440	3.000	38.640
TOTAL (X)						267.051
NET COVERED AREA = ABCD - (X)						**619.466**

STILT FLOOR FAR (TOWER-24) CALCULATION

TYPE	QUANTITY	SHAPE	FORMULA	DETAIL		CALCULATIO N EACH AREA IN SQ.M
COVERAGE (ADDITION)						
A	1	RECTANGLE	L x B	6.700	7.550	50.585

STILT FLOOR FAR (TOWER-25 & 26) CALCULATION

TYPE	QUANTITY	SHAPE	FORMULA	DETAIL		CALCULATIO N EACH AREA IN SQ.M
COVERAGE (ADDITION)						
A	1	RECTANGLE	L x B	6.700	7.550	50.585

STILT AREA CALCULATION

TOWER Nos.	STILT AREA
TOWER-24	619.466
TOWER-25	619.466
TOWER-26	619.466
TOTAL STILT AREA	1858.399

OPEN PARKING AREA CALCULATION

S.No.	NAME	SHAPE	LENGTH (L)	WIDTH (B)	HEIGHT (H)	FORMULA	AREA	QUANTITY	TOTAL AREA
1	R01	Rectangle	32.500	9.840	-	LXB	319.800	1	319.800
									319.800
STILT PARKING AREA									
TOWER -24									
STILT AREA (X)					=	619.466	SQ.M.		
STILT FLOOR F.A.R.(Y)					=	50.585	SQ.M.		
PARKING AREA ON STILT=(X-Y)					=	**568.881**	**SQ.M.**		
TOWER -25									
STILT AREA (X)					=	619.466	SQ.M.		
STILT FLOOR F.A.R.(Y)					=	50.585	SQ.M.		
PARKING AREA ON STILT=(X-Y)					=	**568.881**	**SQ.M.**		
TOWER-26									
STILT AREA (X)					=	619.466	SQ.M.		
STILT FLOOR F.A.R.(Y)					=	50.585	SQ.M.		
SERVICE AREA IN STILT (Z)						162.422	SQ.M.		
PARKING AREA ON STILT=X-(Y+Z)					=	**406.459**	SQ.M.		
TOTAL STILT PARKING AREA					=	**1544.222**	**SQ.M.**		

SERVICE AREA (LT PANEL) IN TOWER-26 STILT CALCULATION

TYPE	QUANTITY	SHAPE	FORMULA	DETAIL		CALCULATION EACH AREA IN SQ.M
COVERAGE (ADDITION)						
ABCD	2	RECTANGLE	L x B	10.545	9.320	196.559
TOTAL						**196.559**
COVERAGE (DEDUCTION)						
1	2	RECTANGLE	L x B	2.000	1.070	4.280
2	2	RECTANGLE	L x B	0.200	3.025	1.210
3	2	RECTANGLE	L x B	4.585	2.090	19.165
4	2	RECTANGLE	L x B	1.615	2.795	9.028
5	2	RECTANGLE	L x B	0.639	0.355	0.454
TOTAL (X)						34.137
NET COVERED AREA = ABCD - (X)						**162.422**

PARKING SUMMARY

TOTAL NO. OF APARTMENTS PROPOSED	=	316	
PARKING REQUIRED @0.5 ECS PER DU	=	158	ECS
PARKING REQUIRED BY AREA			
ALREADY SANCTIONED OPEN PARKING AREA	=	12238.009	SQ.M.
PROPOSED OPEN PARKING AREA	=	319.800	SQ.M.
TOTAL NOS. OF PARKING IN OPEN SPACE @ 23 SQ.M./ECS	=	13.904	ECS
	Say	14	ECS
PROPOSED STILT PARKING AREA	=	1544.222	SQ.M.
TOTAL NOS. OF PARKING IN STILT AREA @ 28 SQ.M./ECS	=	55.151	ECS
	Say	55	
TOTAL ECS PROVIDED	=	**69**	**ECS**
PARKING PROVIDED			
TOTAL NO. OF APARTMENTS PROPOSED	=	**316**	
TWO WHEELER PARKING REQUIRED @1 PARKING PER DU	=	**316**	
2 WHEELERS PROVIDED ON STILT OF PROPOSED TOWERS	=	**291**	**NO.s**
2 WHEELERS PROVIDED ON PROPOSED SITE	=	**27**	**NO.s**
TOTAL 2 WHEELERS PROVIDED	=	**318**	**NO.s**

OPEN PARKING AREA CALCULATION

S.No.	NAME	SHAPE	LENGTH (L)	WIDTH (B)	HEIGHT (H)	FORMULA	AREA	QUANTITY	TOTAL AREA
1	R01	Rectangle	32.500	9.840	-	LXB	319.800	1	319.800
									319.800
STILT PARKING AREA									
TOWER -24									
STILT AREA (X)					=	619.466	SQ.M.		
STILT FLOOR F.A.R.(Y)					=	50.585	SQ.M.		
PARKING AREA ON STILT=(X-Y)					=	**568.881**	**SQ.M.**		
TOWER -25									
STILT AREA (X)					=	619.466	SQ.M.		
STILT FLOOR F.A.R.(Y)					=	50.585	SQ.M.		
PARKING AREA ON STILT=(X-Y)					=	**568.881**	**SQ.M.**		
TOWER-26									
STILT AREA (X)					=	619.466	SQ.M.		
STILT FLOOR F.A.R.(Y)					=	50.585	SQ.M.		
SERVICE AREA IN STILT (Z)						162.422	SQ.M.		
PARKING AREA ON STILT=X-(Y+Z)					=	**406.459**	SQ.M.		
TOTAL STILT PARKING AREA					=	**1544.222**	**SQ.M.**		

PROJECT TITLE :-

PROPOSED ADDITION ALTERATION AND REVISION FOR AFFORDABLE GROUP HOUSING COLONY ON AREA MEASURING (5 ACRES + 1.03125+2.28125 = 8.3125 ACRES)FOR AN ADDITIONAL AREA MEASURING 2.28125 ACER (LICENCE NO.72 OF 2019 DATED 02.07.2019) IN ALREADY LICENCE GRANTED AFFORDABLE GROUP HOUSING COLONY MEASURING 6.03125 ACRES (LICENCE NO.12 OF 2014 DATED 10.06.2014) & LICENCE NO. 96 OF 2017 DATED 08.11.2017) TOTAL AREA 8.3125 ACRES IN SECTOR 104,GURGAON MANESAR URBAN COMPLEX BEING DEVELOPED BY PERFECT BUILDWELL PVT.LTD.AND OTHERS.

PRINCIPLE ARCHITECT
dfi DESIGN FORUM INTERNATIONAL
K-47 , KAILASH COLONY NEW DELHI-48
PHONE: 011 - 46556600 FAX : 46556601

OWNER'S SIGNATURE

For PERFECT BUILDWELL PRIVATE LIMITED
Director

ARCHITECT'S SIGNATURE

ANOJ TEVATIA
B.Arch (Hons)
CA/95/18739

DRAWING TITLE:

STILT FLOOR PLAN & PARKING AREA CALCULATIONS

N

SCALE : 1:400

DATE :

SHEET NO. 2