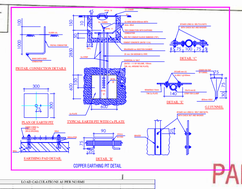
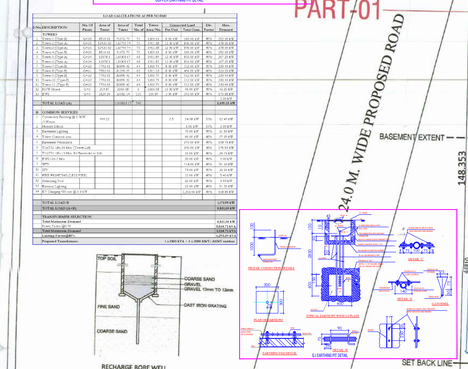
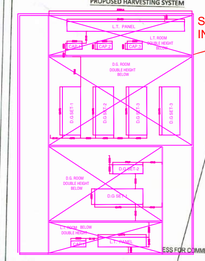
SHEET NO. 01/22







COMMERCIAL LOAD AS PER NORMS				
S No	LOAD DESCRIPTION	Area in Sqm	Load per 100 Sq m in kW	Connected Load in kW
A	COMMERCIAL			
i)	Lower Ground Floor	2680.22	12.08KW	321.6KW
ii)	Upper Ground Floor	2213.25	12.08KW	265.6KW
iii)	First Floor	2076.95	12.08KW	249.2KW
iv)	Second Floor	1336.11	12.08KW	160.3KW
	TOTAL LOAD	8306.53		996.8KW
	DIVERSITY			50%
	MAX. DEMAND			498.4KW
	Total KVA @ 0.9 pf			553.8 KVA
	Loading of Transformer @ 80%			692.2 KVA
	Transformer Rating Suggested			1 x 800 KVA

MUNICIPAL WATER SUPPLY
MS EXTERNAL FIRE HYDRANT
EXTERNAL FIRE HYDRANT

PLOT LINE FOR HOUSING
SERVICES (STP, UGT & ESS)
SET-BACK LINE
BASEMENT LINE

GROUP HOUSING, SECTOR- 105, GURUGRAM					
PROPOSED ABSTRACT					
Site Area Licensed	=	13.0780	Acres	52924.70	sqm
NET PLANNED AREA	=	12.725	Acres	51496.17	Sqm
		ON LAND AREA		FAR	
Land under FAR@ 2.5 (TOD Granted area)	=	6.8433	Acres	27693.81 sqm	69234.52 sqm
Land under FAR @ 1.75 (Non TOD area)	=	5.8817	Acres	23802.36 sqm	41654.13 sqm
Green Building FAR @15% (For IGBC Platinum rating Pre certification)		12.725	Acres	51496.17 sqm	7724.42 sqm
TOTAL FAR PERMISSIBLE					**118613.07 sqm**
		ON LAND AREA		FAR	
Permissible FAR @ 1 for commercial on land under Non-TOD zone (5.8817 acres)		0.5%	OF	23802.36 sqm	119.01 sqm
Permissinle FAR @ 2.5 for Commercial on Land under Transit zone(6.8433 acres)		12.0%	OF	69234.52 sqm	8308.14 sqm
Total FAR permissible for Commercial					8427.15 sqm
PROPOSED FAR FOR COMMERCIAL					**8306.53 sqm**
FAR AVAILABLE FOR GROUP HOUSING					**110306.54 sqm**
PROPOSED FAR FOR GROUP HOUSING					**110286.20 sqm**

This is a "PROVISIONAL BUILDING PLAN" approved only for the purpose of inviting objections from the general public

ATP (HQ) Member B.P.A.C. — S.T.P (HQ) Member Secretary B.P.A.C. — S.T.P (G) Member B.P.A.C. — (Dr.) Chairman B.P.A.C.

Consultant Architect — ATP(HQ)

A.T.P.

Varinder Kumar AD(HQ)

TO BE READ WITH THIS OFFICE MEMO NO.: 10749 DATED: 22-2-24

PARAMETERS						
PARAMETER	PERMISSIBLE/REQUIRED				PROPOSED	
Ground Coverage	@35% of 5.8817 acres	=	8330.83	sqm		
	@60% of 6.8433 acres		16616.29			
	TOTAL		24947.12		**8281.25**	sqm
			48.44%		**16.08%**	
F.A.R.		=	118613.07	sqm	118592.73	sqm
No. of Main Units		=			**740**	nos.
No. of EWS units	(15% of Main D.U.'s)	=	131	nos.	131	nos.
TOTAL UNITS *(MAINS + EWS)*					**871**	**nos.**
No. of Service Personnel	(10% of Main D.U.'s)	=	74 nos.	=	74	nos.
Population	Minimum		Maximum		4110	nos.
	3237		5001	nos.	314	PPA
Organised Greens	@15% of 12.725 Acres(51496.17 sq.m.)	=	7724.4	sqm	16481.34	sqm
					32.00%	
Car Parking		=	722	nos.	1299	ECS
Covered Car Parking		=			1171	ECS
Commercial FAR		=	**8427.15**		**8306.53**	sqm

DENSITY PERMISSIBLE			
		POPULATION	
PPA	Area in Acres	Min. Density	Max. Density
430±10%	6.8433	2648	3237
100-300	5.8817	588	1765
TOTAL	**12.7250**	**3237**	**5001**

PROPOSED POPULATION					
UNITS					
740	Population of Main Units	@	5	person per unit	3700 persons
74	Population of Service Personnel	@	2	person per unit	148 persons
131	Population of EWS Units	@	2	person per unit	262 persons
	TOTAL POPULATION		=		**4110** Persons

PARKING REQUIREMENT CALCULATION				
UNIT TYPE	CARTPET AREA (SQMT.)	TOTAL NO. OF UNITS	ECS REQUIRED	NO OF PARKINGS REQUIRED
PARKING REQUIRED FOR DU'S PROPOSED IN 5.8817 ACRE NON-TOD ZONE				
TYPE-A (TOWER-2, 3, 5 & 6)	145.4	276	1.5	414
TYPE-B (TOWER-4)	95.84	70	1.5	105
PARKING REQUIRED FOR DU'S PROPOSED IN 6.8433 ACRE TOD ZONE				
TYPE-B (TOWER-1, 7, 8, 9, 10 & 11)	95.84	388	0.5	194
ROW HOUSE (RH-1TO 6) ALL FLOORS	161.04	6	1.5	9
TOTAL NO OF PARKINGS REQUIRED IN GROUP HOUSING			=	**722**
PARKING REQUIRED FOR COMMERCIAL				
COMMERCIAL BLOCK (ALL FLOORS)	8306.53	-	1ECS/50 SQ.M.	**166**

PARKING SUMMARY				
		FOR 13.078 ACRES		
		REQUIRED		PROPOSED
PARKING for Dwelling Units	=	722 ECS	=	**1125** ECS
PARKING for Commercial	=	166 ECS	=	**174** ECS
TOTAL	=	888	=	**1299** ECS
5% PARKING OF MAIN DU's (RESERVED FOR EWS)	=	38	=	**Surface=28 Stilt=10** ECS
EWS PARKING NO. - 1 TO 28 & 50 TO 51 ON EWS STILT, TOTAL = 38 NOS.				
COVERED Parking in BASEMENT & STILT	=		=	**1171** ECS
Parking on SURFACE	=		=	**128** ECS
TOTAL	=		=	**1299** ECS

Permi. FAR AREA @ 85% Residential of TOD AREA : 60926.378 SQM.
Proposed FAR AREA of TOD AREA : 48562.88 sqm.

DETAILS OF PARKING & BASEMENT (not Included in FAR)						
FLOORS	PARKING AREA		AREA FOR (2 WHEELER) IN SQ. MT.	AREA FOR PARKING (4 WHEELER)	ECS @ (in sqm)	NO. OF ECS PROPOSED
Surface	2961.40			2944.00 sqm	23	128
Stilt	370.34	90.34		280.00 sqm	28	10
Basement-1	24081.98	7185.98		16896.00 sqm	32	528
Basement-2	27411.72	7155.72		20256.00 sqm	32	633
Total						**1299**

GROUND COVERAGE DETAIL		
SR.NO.	BUILDING DESCRIPTION	AREA IN SQM.
1	TOWER-1	322.61
2	TOWER-2	464.74
3	TOWER-3	464.74
4	TOWER-4	322.61
5	TOWER-5	464.74
6	TOWER-6	464.74
7	TOWER-7	322.61
8	TOWER-8	322.61
9	TOWER-9	322.61
10	TOWER-10	322.61
11	TOWER-11	322.61
12	ROW HOUSE-1	104.24
13	ROW HOUSE-2	104.24
14	ROW HOUSE-3	104.24
15	ROW HOUSE-4	104.24
16	ROW HOUSE-5	104.24
17	ROW HOUSE-6	104.24
18	COMMUNITY BLOCK	621.67
19	SWIMMING POOL	64.89
20	EWS	330.51
21	COMMERCIAL BUILDING	2213.25
22	NURSERY SCHOOL	308.31
	GRAND TOTAL	**8281.25**

DETAILS OF MAIN D.U.'s PROPOSED																						
																					SERVICE PERSONNEL	
	TOWER-1 TYPE-B	TOWER-2 TYPE-A	TOWER-3 TYPE-A	TOWER-4 TYPE-B	TOWER-5 TYPE-A	TOWER-6 TYPE-A	TOWER-7 TYPE-B	TOWER-8 TYPE-B	TOWER-9 TYPE-B	TOWER-10 TYPE-B	TOWER-11 TYPE-B	ROW HOUSE-1	ROW HOUSE-2	ROW HOUSE-3	ROW HOUSE-4	ROW HOUSE-5	ROW HOUSE-6	Total Main D.U.S'	TOWER-5 TYPE-A	TOWER-6 TYPE-A
Total	70	70	70	70	68	68	64	62	64	64	64	1	1	1	1	1	1	**740**	37	37

FAR AREA STATEMENT																						
BUILDING DESCRIPTION	TOWER-1	TOWER-2	TOWER-3	TOWER-4	TOWER-5	TOWER-6	TOWER-7	TOWER-8	TOWER-9	TOWER-10	TOWER-11	ROW HOUSE-1	ROW HOUSE-2	ROW HOUSE-3	ROW HOUSE-4	ROW HOUSE-5	ROW HOUSE-6	COMMUNITY BLOCK	SWIMMING POOL	EWS	COMMERCIAL BUILDING	
Ground Floor	322.61	464.74	464.74	322.61	464.74	464.74	322.61	322.61	322.61	322.61	322.61	104.24	104.24	104.24	104.24	104.24	104.24	621.62	64.89	87.79	Lower Gr. Floor	2680.22
1st Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00	81.52	81.52	81.52	81.52	81.52	81.52	377.60		509.44	Upper Gr. Floor	2213.25
2nd Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00	34.11	34.11	34.11	34.11	34.11	34.11			509.44	1st Floor	2076.95
3rd Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00									509.44	2nd Floor	1336.11
4th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00									509.44		
5th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00									491.37		
6th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
7th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
8th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
9th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
10th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
11th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
12th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
14th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
15th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
16th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
17th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
18th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
19th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
20th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
21st Floor (Refuge Floor)	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
22nd Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
23rd Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
24th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
25th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
26th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
27thFloor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
28thFloor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
29th Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
30th Floor (Refuge Floor)	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
31st Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
32nd Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00	241.00	241.00	241.00	241.00											
33rd Floor	241.00	351.92	351.92	241.00	351.92	351.92	241.00		241.00	241.00	241.00											
34th Floor	241.00	351.92	351.92	241.00	351.92	351.92																
35th Floor	241.00	351.92	351.92	241.00																		
TOTAL	8516.61	12430.02	12430.02	8516.61	12078.10	12078.10	7793.61	7552.61	7793.61	7793.61	7793.61	219.87	219.87	219.87	219.87	219.87	219.87	999.22	64.89	3126.36		8306.53
																				110286.20		**118592.73**

TOTAL BUILT-UP AREA																						
A	TOWERS+ROW HOUSE+COMMUNITY BLOCK+SWIMMING POOL +EWS+COMM.	10076.85	14093.48	14093.48	10076.85	13697.25	13697.25	9228.9	8946.25	9228.9	9228.9	9228.9	243.65	243.65	243.65	243.65	243.65	243.65	1168.76	64.89	4109.89	8916.39
	TOTAL (A)																					**137318.84**
B	BASEMENT-1																					27763.22
C	BASEMENT-2																					31645.00
D	NURSERY SCHOOL																					308.31
	GRAND TOTAL (A+B+C+D)																					**197035.37**

NOTE- 13TH NUMBER FLOOR HAVE BEEN OMITTED FOR CALCULATION PURPOSE

NOTE:- DISTANCE BETWEEN REFUGE AREA AND FIRE TENDER ROAD IN NOT MORE THAN 11M.

Checked and found ok for Public Health (Internal) Service only subject to comments in forwarding letter No. 1/1977 Dt. 29/8/23

Superintending Engineer (HQ) for Chief Engineer-1 HSVP, Panchkula

Executive Engineer Machinery

NOTES

1. DIMENSIONS ARE NOT TO BE SCALED.
2. ALL DIMENSIONS ARE IN METER.
3. ALL ELECTRICAL INSTALLATIONS SHALL BE AS PER PROVISIONS OF NBC.
4. FIRE FIGHTING SAFETY PROVISIONS WILL BE AS PER RELEVANT NBC PROVISIONS.
5. BOUNDARY WALL AND GATE AS PER STANDARDS.
6. ALL WALLS ARE 230/115 MM THK. BRICK WALL.
7. RAIN WATER HARVESTING SYSTEM SHALL BE PROVIDED AS PER CENTRAL GROUND WATER AUTHORITY NORMS/HARYANA GOVT.
8. ALL WINDOWS & VENTILATORS ARE OPENABLE.
9. ALL MECHANICALLY VENTILATED & ARTIFICIALLY LIT TOILET PROVIDED WITH 24hr POWER BACKUP.

REVISED SUBMISSION DRAWING

PROJECT:

REVISED BUILDING PLAN OF MIX LAND USE COLONY (68% RESIDENTIAL COMPONENT & 12% COMMERCIAL COMPONENT) UNDER TRANSIT ORIENTED DEVELOPMENT (TOD) POLICY FOR THE AREA MEASURING 7.0553 ACRES (FALLING WITHIN TRANSITION ZONE) PART OF GROUP HOUSING COLONY MEASURING 13.078 ACRES (LICENCE NO. 127 OF 2012 DATED 27.12.2012) IN SECTOR- 105, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY SH. KANWAR SINGH & OTHERS IN COLLABORATION WITH 1000 TREES HOUSING PRIVATE LIMITED (~~NOW KNOWN AS SKS MEGACITY PRIVATE LIMITED~~)

DRAWING TITLE :
MASTER SITE LAYOUT
ELECTRICAL LAYOUT

DEALT BY	SCALE 1:500	DRG. NO.	AR-3P-1.1
CHECKED BY	DATE 04-04-2023	SHEET NO.	01/22

THROUGH: AUTHORISED SIGNATORY

ATS Infrastructure Pvt. Ltd. — Authorised Signatory
1000 Trees Housing Pvt Ltd — Authorised Signatory

ARCHITECT KAUSHIK KUMAR MODI CA/2008/45567

OWNER'S SIGN — ARCHITECT'S SIGN