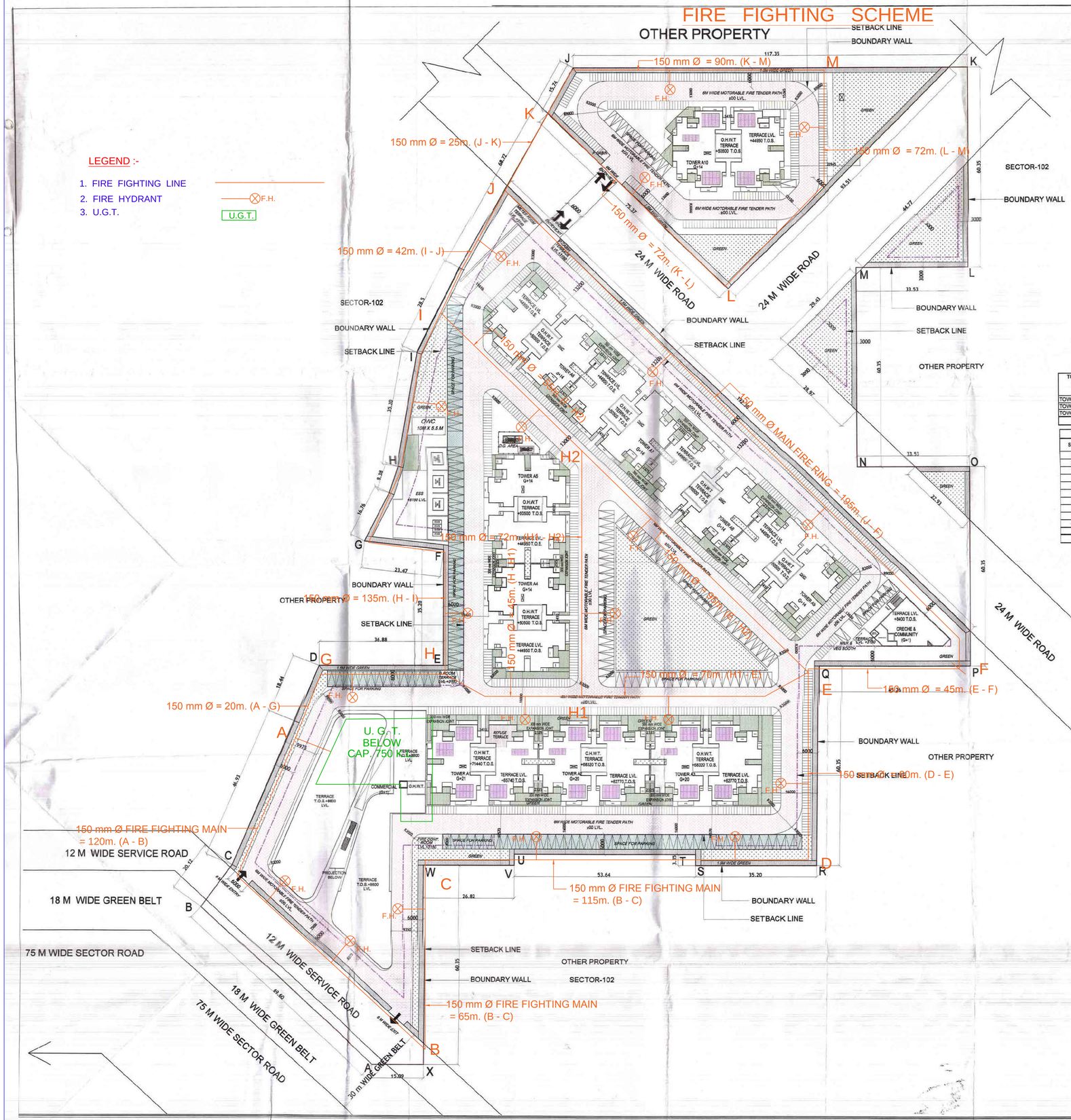
FIRE FIGHTING SCHEME



LEGEND :-

1. FIRE FIGHTING LINE
2. FIRE HYDRANT — F.H.
3. U.G.T. — U.G.T.

Habitat 102, Sector-102, Gurugram				
Sl no	AREA SUMMARY			
			Acre	Sqm
1	Plot Area		9.3625	37888.633
2	Net Planned Area (total area for FAR Calculation)		9.22345	37325.919
a	Area for Resicential Group Housing	@ 96% of net planned area (2)	8.854512	35832.882
b	Site allocated for Commercial	@ 4% of net planned area (2)	0.368938	1493.0367
3	Group Housing :			
c	Permissible FAR for Group Housing	@ 2.25 of 35832.882(a)		80623.984
d	Additional For IGBC - (Platinum Rated)	@ 15% of 35832.882(a)		5374.932
e	Total Permissible FAR for Group Housing	(c + d)		85998.917
f	Proposed FAR for Group Housing			85972.222
g	Balanced FAR for Housing			26.695
4	Commercial :			
h	Total Permissible FAR for Commercial	@ 1.75 of 1493.0367 (b)		2612.814
i	Additional For IGBC - (Platinum Rated)	@ 15% of 1493.0367 (b)		223.9555
j	Total Permissible FAR for Commercial	(h + i)		2836.7698
k	Proposed FAR for Commercial			2833.275
4	Ground Coverage Area Summary			
l	Permissible Gr.Coverage Area	@ 50% of net planned area (2)		18662.959
m	Proposed Gr.Coverage Area (24.6%)			9235.739
5	Required Density	Population	Dwelling Units	
k	750 PPA (Min)	6641	1329	No.s.
l	900 PPA (Max)	7969	1593	No.s.
6	Proposed Density Summary			
m	Total No. of Units		1341	Dwelling Unit
n	Total Population @ 5 persons per unit		6705	No.s.
o	Density Achieved	757.24	Say 758	PPA
7	Green Area Summary			
p	Requirec Green Area	15% of Net Planned Area(2)	5598.888	Sq.m.
q	Proposed Green Area	15.47%	5774.230	Sq.m.
8	Parking Summary			
r	Requirec Parking		671	ECS
s	Proposed Parking		671	ECS

LEGEND
AVENUE GREEN
1.5 M WIDE PERIPHERAL GREEN
LAWN GREEN
GRASSCRETE
6M WIDE MOTORABLE FIRE TENDER PATH
SOLAR PANELS

DWELLING UNIT COUNT					
TOWERS	3 BHK TYPE 1	3 BHK TYPE 2	3 BHK TYPE 3	2 BHK TYPE 1	TOTAL
TOWER A1	86	43	2	43	174
TOWER A2&A3	164	82	4	84	334
TOWER A4-A10	406	203	14	210	833
TOTAL	656	328	20	337	1341

TOWERS	STILT AREA PER TOWER	GROUND COVERAGE PER TOWER	GROUND FLOOR F.A.R PER TOWER	TYPICAL FLOOR F.A.R PER TOWER	21st FLOOR FAR	NO. OF TYP. FLOORS	BALCONY AREA PER FLOOR	CORE NON FAR PER TOWER	WATER TANK AREA PER TOWER	F.A.R PER TOWER	BUILTUP AREA PER TOWER	No. OF TOWERS	TOTAL F.A.R	TOTAL BUILTUP AREA
TOWER A1	111.578	728.057	498.250	510.485	453.051	20	74.412	33.108	58.358	11,149.006	13,146.525	1	11,149.006	13,146.525
TOWER A2&A3	111.578	672.390	498.250	510.485		20	74.412	33.108	58.358	10,895.855	13,090.857	2	21,391.910	26,181.715
TOWER A4-A10	111.578	672.390	498.250	510.485		14	74.412	33.108	58.358	7,633.044	9,382.825	7	53,431.305	65,679.772
TOTAL AREA (SQ.M)=										29,478.005	35,620.206	10	85,972.222	1,05,008.011

PROPOSED F.A.R. DETAIL-RESIDENTIAL								
S.N	TOWER NO.	TYPE	F.A.R. OF TOWER IN	NO OF UNITS/FLOOR	TOTAL NO. OF FLOORS	TOTAL NO OF DU'S IN A TOWER	PERSONS/UNIT	PERSON /TOWER
1	A1	3 BHK+2 BHK	11149.006	8	21	174	5	870
2	A2	3 BHK+2 BHK	10895.855	8	21	167	5	835
3	A3	3 BHK+2 BHK	10895.855	8	21	167	5	835
4	A4	3 BHK+2 BHK	7633.044	8	15	119	5	595
5	A5	3 BHK+2 BHK	7633.044	8	15	119	5	595
6	A6	3 BHK+2 BHK	7633.044	8	15	119	5	595
7	A7	3 BHK+2 BHK	7633.044	8	15	119	5	595
8	A8	3 BHK+2 BHK	7633.044	8	15	119	5	595
9	A9	3 BHK+2 BHK	7633.044	8	15	119	5	595
10	A10	3 BHK+2 BHK	7633.044	8	15	119	5	595
TOTAL RESIDENTIAL F.A.R. =			85972.222			1341.000		6705.000

PROPOSED GROUND COVERAGE AREA DETAIL-RESIDENTIAL			
S.N	TOWER NO.	TYPE	GR.COVERAGE OF TOWER IN SQ.MTS.
1	A1	3 BHK+2 BHK	728.057
2	A2	3 BHK+2 BHK	672.390
3	A3	3 BHK+2 BHK	672.390
4	A4	3 BHK+2 BHK	672.390
5	A5	3 BHK+2 BHK	672.390
6	A6	3 BHK+2 BHK	672.390
7	A7	3 BHK+2 BHK	672.390
8	A8	3 BHK+2 BHK	672.390
9	A9	3 BHK+2 BHK	672.390
10	A10	3 BHK+2 BHK	672.390
TOTAL GR.COVERAGE AREA =			6779.567

PROPOSED BUILT UP DETAIL-RESIDENTIAL			
S.N	TOWER NO.	TYPE	BUILT UP OF TOWER IN SQ.MTS.
1	A1	3 BHK+2 BHK	13146.525
2	A2	3 BHK+2 BHK	13090.857
3	A3	3 BHK+2 BHK	13090.857
4	A4	3 BHK+2 BHK	9382.825
5	A5	3 BHK+2 BHK	9382.825
6	A6	3 BHK+2 BHK	9382.825
7	A7	3 BHK+2 BHK	9382.825
8	A8	3 BHK+2 BHK	9382.825
9	A9	3 BHK+2 BHK	9382.825
10	A10	3 BHK+2 BHK	9382.825
TOTAL BUILT UP AREA =			109008.011

PROPOSED GR.COVERAGE DETAIL-COMMERCIAL			
S.N	DESCIPTION	TYPE	AREA (SQ.M.)
1	COMMERCIAL	-	2236.808
TOTAL GR.COVERAGE AREA =			2236.808

PROPOSED BUILT UP DETAIL-COMMERCIAL			
S.N	DESCIPTION	TYPE	BUILT UP IN SQ.MTS.
1	COMMERCIAL	-	3542.170
TOTAL BUILT UP AREA =			3542.170

PROPOSED GR.COVERAGE DETAIL-COMMUNITY & CRECHE			
S.N	DESCIPTION	TYPE	AREA (SQ.M.)
1	COMMUNITY & CRECHE	-	219.366
TOTAL GR.COVERAGE AREA =			219.366

PROPOSED BUILT UP DETAIL-COMMUNITY & CRECHE			
S.N	DESCIPTION	TYPE	BUILT UP IN SQ.MTS.
1	COMMUNITY & CRECHE	-	421.275
TOTAL BUILT UP AREA =			421.275

SUMMARY		
1	SITE AREA (sq.m.)	37325.919
2	PERMISSIBLE GR.COVERAGE AREA (sq.m) (50% of Site Area)=	18662.959
3	PROPOSED GR.COVERAGE AREA (sq.m)=	9235.739

PROPOSED BUILT UP DETAIL-SITE LEVEL			
S.N	DESCIPTION	TYPE	BUILT UP IN SQ.MTS.
1	ESS	-	189.840
2	METER ROOM		28.680
3	FIRE CONTROL ROOM		17.440
4	GUARD ROOM		11.600
5	MILK & VEG.BOOTH		26.600
TOTAL BUILT UP AREA =			284.040

TOTAL BUILT UP AREA (SQ.M.)=	109255.497

PARKING SUMMARY		
TO TAL NO. OF APARTMENTS	=	1341
PARKING REQUIRED @0.5 ECS PER DU	=	671 ECS
TO TAL PARKING PROPOSED	=	671 ECS
STILT PARKING AREA		
TOWER A1-10		
GROUND COVERAGE	=	672.390 SQ.M.
GROUND FLOOR F.A.R	=	486.350 SQ.M.
STILT AREA-TOWER A1-A10.	=	1115.782 SQ.M.
TO TAL STILT AREA		1115.782
TO TAL STILT PARKING AREA @20 ECS	=	56 ECS
OPEN PARKING DETAILS		
REQUIRED		
REQUIRED ECS	=	611 ECS
REQUIRED PARKING AREA@ 23 ECS	=	14064.965 SQ.M.
PROPOSED		
PROPOSED ECS	=	611 ECS
PROPOSED OPEN PARKING AREA	=	14064.965 SQ.M.
PARKING BY NO.S		
TO TAL NO. OF APARTMENTS	=	1341
TWO WHEELER PARKING RIQUIRED @1 PARKING PER DU	=	1341
2 WHEELERS PROVIDED ON STILT	=	150 NO.s
2 WHEELERS PROVIDED ON SURFACE	=	1211 NO.s
TO TAL 2 WHEELERS PROVIDED	=	1341 NO.s

GREEN AREA DETAILS		
1	NET PLANNED AREA (9.22345 Acres)=	37325.919
2	REQUIRED GREEN AREA = 15% OF PLOT AREA (9.22345 ACRES) =	5598.888
3	AVENUE GREEN	1632.803
4	LAWN GREEN	3001.964
4	GRASSCRETE	1139.472
5	TOTAL PROPOSED GREEN AREA (15.47%)	5774.230

NOTES:

1. ALL LIFTS SHALL HAVE 100%POWER BACKUP.
2. ALL ELECTRICAL INSTALLATIONS SHALL BE AS PER PROVISION OF NBC.
3. FIRE FIGHTING/SAFETY PROVISIONS WILL BE AS PER RELEVANT NBC PROVISIONS.
4. BUILDING STRUCTURE DESIGNED EARTHQUAKE RESISTANT.
5. MAIN ENTRY & BOUNDARY WALL AS PER STANDARD DESIGN.

PROJECT

PROPOSED BUILDING PLAN OF AFFORDABLE GROUP HOUSING COLONY ON LAND MEASURING 9.3625Acres(License no.42 of 2021 dated 27.07.2021) IN SECTOR 102,GURUGRAM,HARYANA BEING DEVELOPED BY HABITAT TOWNSHIP PVT.LTD.

CLIENT

RUDRAKSHA REALTORS PVT. LTD.
& OTHERS IN COLLABORATION WITH HABITAT TOWNSHIP PVT. LTD.

PRINCIPAL ARCHITECT

DESIGN FORUM INTERNATIONAL

K-47, KAILASH COLONY, NEW DELHI-110048
PHONE NO.: 011-46556600

DRG. TITLE

SITE PLAN -TERRACE LVL.
& AREA SUMMARY

OWNER'S SIGN

ARCHITECT'S SIGN

GOONMEET S. CHAUHAN
B.Arch.(Hons.),M.C.A.
CA/95/13740

NORTH

SCALE - 1:400

SHEET NO. 01

DATE:-24.08.2021

FIRE FIGHTING SCHEME