

Recommended for Sanction
Senior Town Planner
Faridabad
J.D.P. (H.C.)
Murali Sankar
B.P.A.C.

AREA SUMMARY			
1. TOTAL PLOT AREA	0.4812	1947.430	SQ MTRS.
2. PERMISSIBLE GROUND COVERAGE @ 35% OF PLOT AREA	=	681.608	SQ MTRS.
3. PROPOSED GROUND COVERAGE	=	680.789	SQ MTRS.
		34.958	% PERCENT
4. PERMISSIBLE FAR @ 175 %	=	842.038	SQ MTRS.
5. ADDITIONAL FAR @ 12% OF SITE AREA ON ACCOUNT OF GREEN BUILDING	=	233.694	SQ MTRS.
6. HENCE TOTAL PERMISSIBLE FAR—(4)+(5)	=	1075.732	SQ MTRS.
7. PROPOSED FAR	=	3637.802	SQ MTRS.
		186.798	% PERCENT
8. PERMISSIBLE SHOPPING AREA @ .5% OF SITE AREA —(A)	=	9.737	SQ MTRS.
9. PROPOSED SHOPPING AREA	=	9.625	SQ MTRS.
		0.494%	

DENSITY CALCULATIONS			
1. PERMISSIBLE DENSITY MINIMUM @ 100 PPA =	=	48.123	PPA
2. MINIMUM NO. OF DUS @ 5 PERSONS PER DU	=	9.625	DUS
3. PERMISSIBLE DENSITY MAXIMUM @ 300 PPA =	=	144.368	PPA
4. MAXIMUM NO. OF DUS @ 5 PERSONS PER DU	=	28.874	DUS
5. PROPOSED DENSITY	=	290.924	PPA
6. PROPOSED DUS	=	28	DUS
7. MINIMUM REQUIRED ECS	=	42	ECS
8. PROPOSED ECS	=	46	ECS
9. REQUIRED ORGANIZED GREEN @ 15% =	=	292.118	SQ MTRS.
10. PROPOSED GREEN	=	292.385	SQ MTRS.
		15.014%	% PERCENT
11. TOTAL FAR AREA	=	3637.802	SQ MTRS.
12. TOTAL NON FAR AREA	=	296.941	SQ MTRS.
13. BALCONY AREA	=	1251.381	SQ MTRS.
14. AREA OF BASEMENT	=	816.734	SQ MTRS.
15. STILT / PODIUM AREA	=	680.789	SQ MTRS.
16. TOTAL BUILT UP AREA	=	6683.646	SQ MTRS.

FAR CALCULATIONS		
FLOOR	TOWER-01	CONVENIENT SHOPPING
STILT / PODIUM	70.898	9.625
1st FLR	508.183	
2nd FLR	508.183	
3rd FLR	508.183	
4th FLR	508.183	
5th FLR	508.183	
6th FLR	508.183	
7th FLR	508.183	
TOTAL	3628.177	9.625
TOTAL	3637.802	

GROUND COVERAGE CALCULATION	
BLOCKS	TOWER-01
SQM	
GR. COVERAGE	680.789
TOTAL	680.789

NON FAR AREA CALCULATIONS	
TOWER-01	
AREA IN SQM	296.941
TOTAL	296.941

TOTAL BUILT UP AREA CALCULATION					
TOTAL FAR	TOTAL NON FAR	BASEMENT	STILT / PODIUM	BALCONY	
SQM	SQM	SQM	SQM	SQM	SQM
AREA	3637.802	296.941	816.734	680.789	1251.381
TOTAL					6683.646

DU CALCULATIONS	
FLOOR	TOWER-01
STILT / PODIUM	0
1st FLR	4
2nd FLR	4
3rd FLR	4
4th FLR	4
5th FLR	4
6th FLR	4
7th FLR	4
TOTAL	28

PARKING REQUIRED FOR RESIDENTIAL		
TYPE OF UNIT	NO. OF FLATS	TOTAL ECS
DWELLING UNIT-01 TYPE-A	7	10.5
DWELLING UNIT-02 TYPE-B	7	10.5
DWELLING UNIT-03 & 04 TYPE-C	14	21
TOTAL DUS	28	
TOTAL PARKING REQUIRED FOR RESIDENTIAL @ 1.5 ECS PER DUS	=	42

TOTAL CAR PARKING PROVIDED		
PROVIDED CAR PARKING AT BASEMENT LVL	=	28
PROVIDED CAR PARKING AT STILT / PODIUM LVL	=	18
TOTAL	=	46

TOTAL POPULATION	
TYPE	NO. OF UNITS @ 5 PERSONS / UNIT
DUS	28
	140
DENSITY CALCULATIONS	
TOTAL PLOT AREA	0.4812 ACRES
PERMISSIBLE DENSITY	300.00 PPA
MINIMUM DENSITY @ 100 PPA	48.12 PERSONS
MINIMUM DUS @ 5 PERSONS	9.62 DUS
MAXIMUM DENSITY @ 300 PPA	144.36 PERSONS
MAXIMUM DUS @ 5 PERSONS	28.87 DUS
DUS PROVIDED	28
POPULATION PROVIDED	140
DENSITY PROVIDED	290.924 PPA

Title: Daily Domestic and Flushing Water Requirement for Housing Complex.														
BLOCK TYPE	FLOORS	TOTAL NOS. OF UNITS	POPULATION / TOWER	BASE OF WATER REQUIREMENT	WATER REQUIRED PER BLOCK	TOTAL NOS. OF UNITS	POPULATION	TOTAL DAILY WATER REQUIREMENT	DOMESTIC WATER REQUIREMENT PER TOWER	FLUSHING WATER REQUIREMENT PER TOWER	TOTAL DAILY WATER REQUIREMENT	DOMESTIC WATER REQUIREMENT PER TOWER	FLUSHING WATER REQUIREMENT PER TOWER	TOTAL DAILY WATER REQUIREMENT
TOWER - 01	B-7													
(4 BHK) UNITS	FIRST TO 7th Floor	28	140	@ 172.5 (100000)	24.150	1	28	140	10000	45150	155150	10000	45150	155150
TOTAL					24.150									
TOTAL DAILY WATER DEMAND IN LITERS (WATER REQUIRED FOR FILTER BACK WASH (LUMP SUM))														
DAILY SEWAGE FLOW @ 80% OF DAILY DOMESTIC WATER DEMAND + 80% OF DAILY FLUSHING WATER DEMAND = 100% OF FILTER BACK WASH														
CAPACITY OF SEWAGE TREATMENT PLANT														
RECYCLED WATER AVAILABLE FROM 1.5 P														
WATER REQUIRED FOR COOLING (LUMP SUM)														
WATER REQUIRED FOR HYDRANT (LUMP SUM)														
WATER REQUIRED FOR FIRE FIGHTING (LUMP SUM)														
TOTAL RECYCLED WATER REQUIREMENT (CONCRETE + FLUSHING + COOLING)														
TOTAL RECYCLED WATER REQUIREMENT (CONCRETE + FLUSHING + COOLING)														
EXCESS RECYCLED WATER TO BE USED														
CAPACITY OF S.G. TANK														
FIRE FIGHTING TANK														
DOMESTIC WATER TANK														
FLUSHING WATER IN S.G.														

NOTE - 1 ALL MAIN UNIT ENTRY DOOR WILL BE ONE HOUR FIRE RATED DOOR
2 ALL SHAFTR (PH. ELECTRICAL & LIFT) DOOR WILL BE FIRE DOOR
3 STAIRCASE WILL HAVE LOUVERED WINDOW

GENERAL NOTES:-

- THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE PROVISIONS OF THE NATIONAL BUILDING CODE AND THE RELEVANT BUREAU OF INDIAN STANDARDS CODES WITH LATEST AMENDMENTS FOR STRUCTURES RESISTANT TO EARTHQUAKES AND OTHER NATURAL HAZARDS. THE LOCAL SOIL CONDITIONS ITS LOAD BEARING CAPACITY AND THE UNDERGROUND WATER TABLE ETC. SHALL BE KEPT IN VIEW WHILE DESIGNING THE SAME.
- RAIN WATER HARVESTING SYSTEM SHALL BE PROVIDED AS PER CENTRAL GROUND WATER AUTHORITY NORMS / HARYANA GOVERNMENT NOTIFICATION.
- THE INSTALLATION OF SOLAR PHOTOVOLTAIC POWER PLANT AS PER THE PROVISIONS OF ORDER NO. 23/2003-SP/POWER DATED 21.03.2018 ISSUED BY HARYANA GOVERNMENT RESERVABLE ENERGY DEPARTMENT.

DEVELOPED BY
M/S INNOVATIVE SUPPLY CHAIN SOLUTIONS LLP
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Owner :- Sh. Anil Aggarwal

PROJECT:
PROPOSED GROUP HOUSING AT
PLOT NO.-14A, SECTOR-46,
FARIDABAD, HARYANA

CONSULTANTS
SONI CONSULTANTS
PLOT NO. 14A, SECTOR 46, FARIDABAD, HARYANA
PLOT NO. 14A, SECTOR 46, FARIDABAD, HARYANA
PLOT NO. 14A, SECTOR 46, FARIDABAD, HARYANA
PLOT NO. 14A, SECTOR 46, FARIDABAD, HARYANA

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PLOT NO. 14A, SECTOR 46, FARIDABAD, HARYANA
PLOT NO. 14A, SECTOR 46, FARIDABAD, HARYANA
PLOT NO. 14A, SECTOR 46, FARIDABAD, HARYANA

TITLE:
SITE PLAN

ARCHITECTS
DRG.NO.-SITE-01

SCALE: 1:150

DATE: AUGUST 2024
DEALT: RAZI
CHECKED BY: PJD

OWNER'S SIGN
GIAN P. MATHUR
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