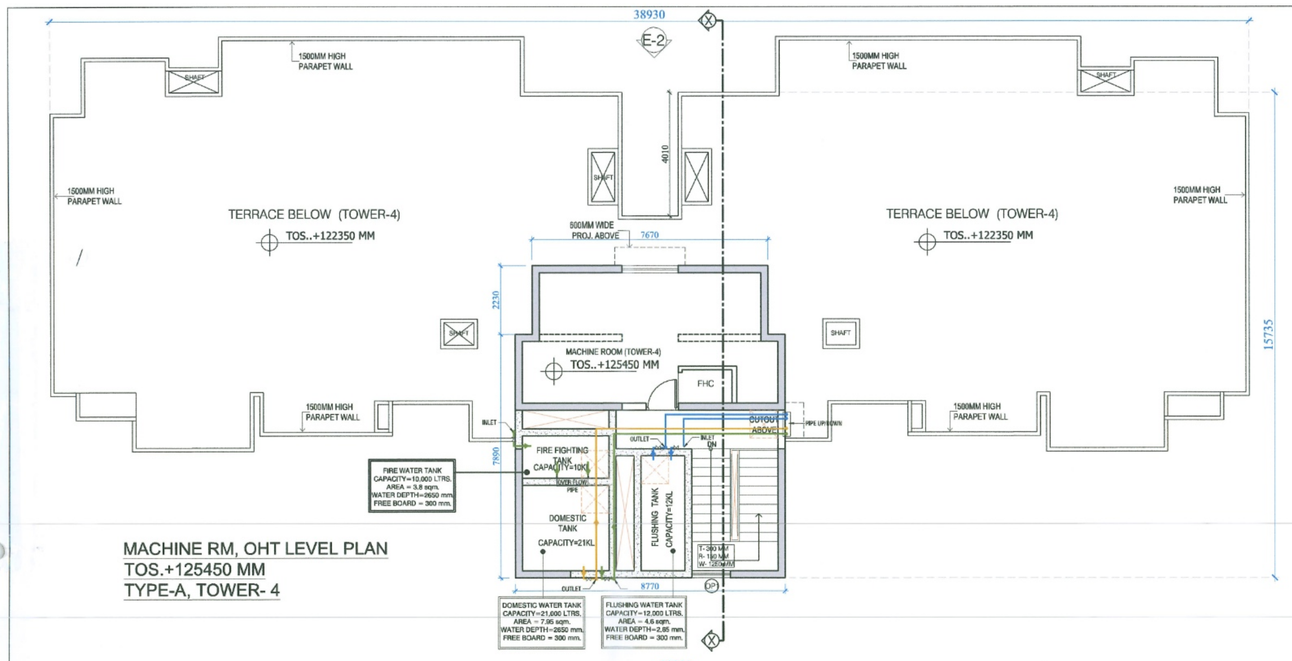
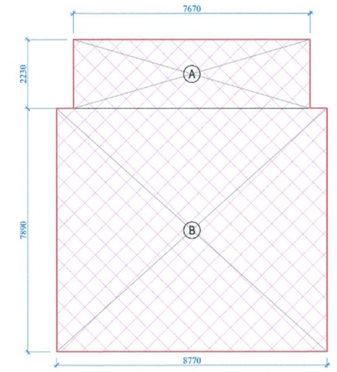
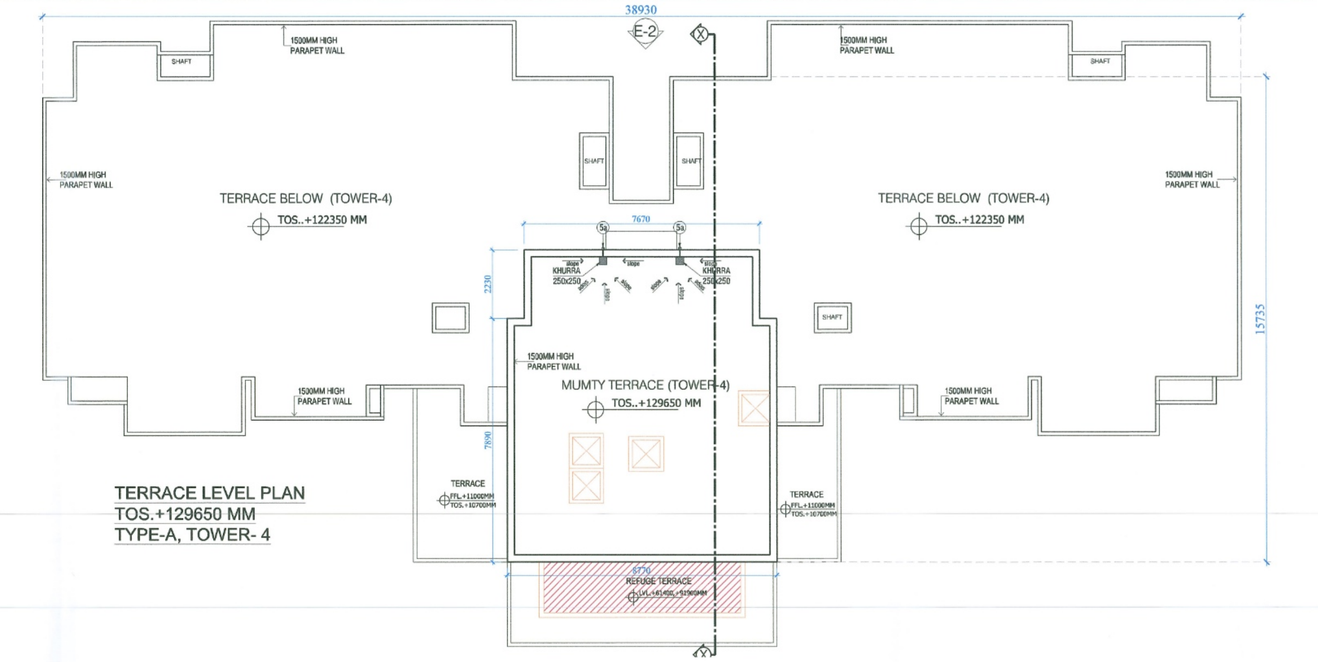


MACHINE RM, OHT LEVEL PLAN
TOS.+125450 MM
TYPE-A, TOWER- 4

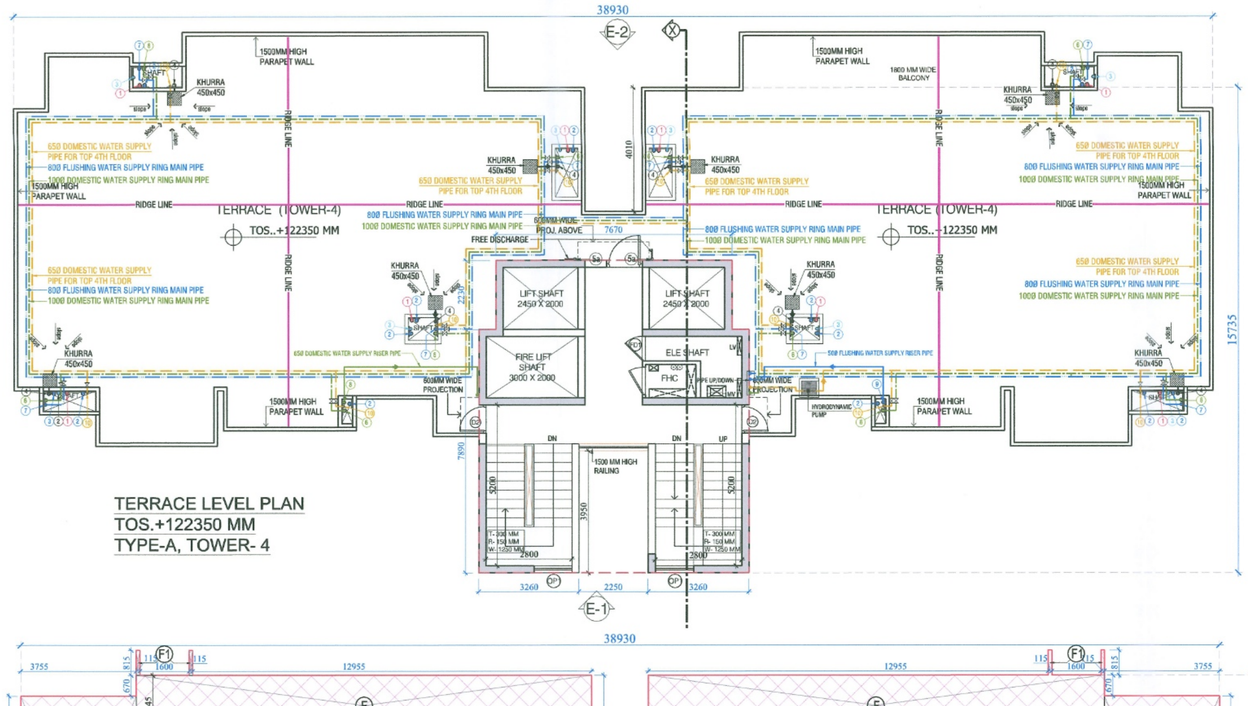


AREA DIAGRAM-MUMTY,MACHINE & OHT AREA

MUMTY,MACHINE&OHT AREA				
AREA CALCULATION				
ADDTION AREA (A) = (X x Y)				
S NO.	LENGTH (MM)		BREADTH (MM)	AREA (SQM)
A	7670	x	2230	17.10
B	8770	x	7890	69.20
TOTAL AREA =				
=	86.30	SQMT		



TERRACE LEVEL PLAN
TOS.+129650 MM
TYPE-A, TOWER- 4

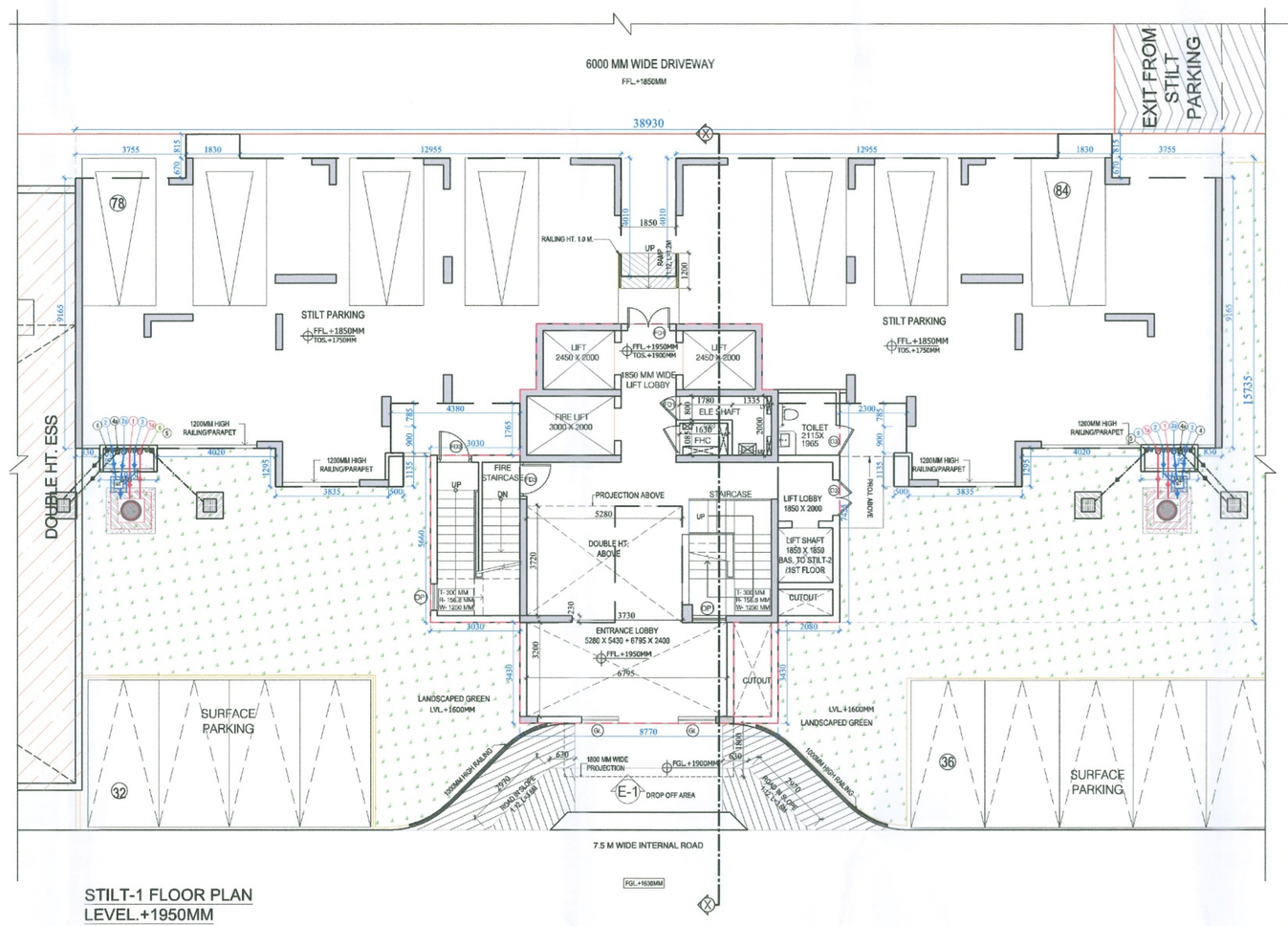


TERRACE LEVEL PLAN
TOS.+122350 MM
TYPE-A, TOWER- 4

PLUMBING IMPORTANT NOTES:-
1. ALL HORIZONTAL SOIL AND WASTE PIPES SHALL BE LAID TO A SLOPE NOT FLATTER THAN 1:70 AND NOT STEEPER THAN 1:10 UNLESS SPECIFIED OTHERWISE.
2. WATER INLETS AND WASTE OUTLETS FROM SANITARY WARE SHALL BE ARRANGED TO SUIT REQUIREMENTS OF SELECTED MAKES AND MODELS.
3 NO PIPE WORK SHALL BE CONCEALED IN WALLS OR BURIED IN FLOORS WITHOUT BEING SUBJECTED TO WATER TESTING AS PER THE DIRECTION OF THE SITE ENGINEER.

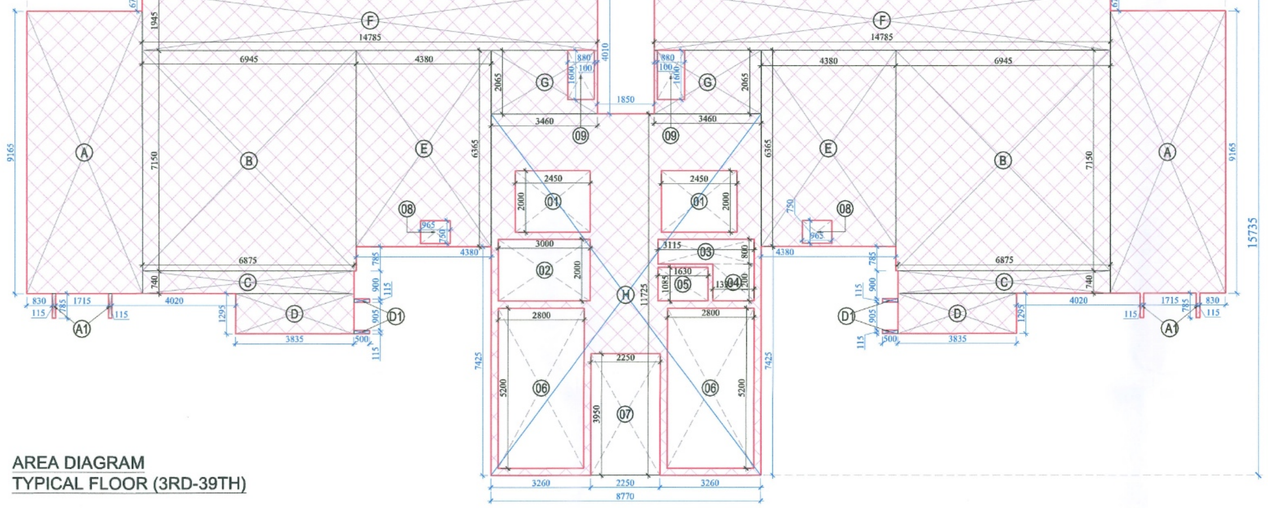
PLUMBING NOTES:	
1.	WASH BASIN TO FLOOR TRAP (FT) 40 OD uPVC PIPE.
2.	KITCHEN SINK TO FLOOR TRAP (FT) uPVC FLEXIBLE PIPE.
2.	FLOOR DRAIN (FD) TO FLOOR TRAP (FT) 63 OD uPVC WASTE PIPE.
4.	1000 HDPE PIPE USED FOR SOIL & WASTE.
5.	100 OD uPVC PIPE USED FOR TERRACE RAIN WATER
5.	160 OD uPVC PIPE USED FOR BALCONY.

SCHEDULE OF PIPES :	
PIPE NO.	DESCRIPTION
1	1000 HDPE SOIL & VENT PIPE
2	1000 HDPE WASTE & VENT PIPE
3	750 HDPE ANTI-SYPHONAGE PIPE
4	1000 HDPE TERRACE RAIN WATER PIPE
4a	1500 HDPE TERRACE RAIN WATER PIPE
5	1000 HDPE BALCONY RAIN WATER PIPE
6	DOMESTIC WATER SUPPLY D/N TAKE PIPE *
7	FLUSHING WATER SUPPLY D/N TAKE PIPE *
8	DOMESTIC WATER SUPPLY RISER *
9	FLUSHING WATER SUPPLY RISER *
10	HYSHO-PNEUMATIC DOMESTIC WATER SUPPLY D/N TAKE PIPE FOR TOP FOUR FLOORS *
FT	FLOOR TRAP (100 x 75) MM
FD	FLOOR DRAIN (150 x 63) MM
BD	BALCONY DRAIN (100 x 63) MM

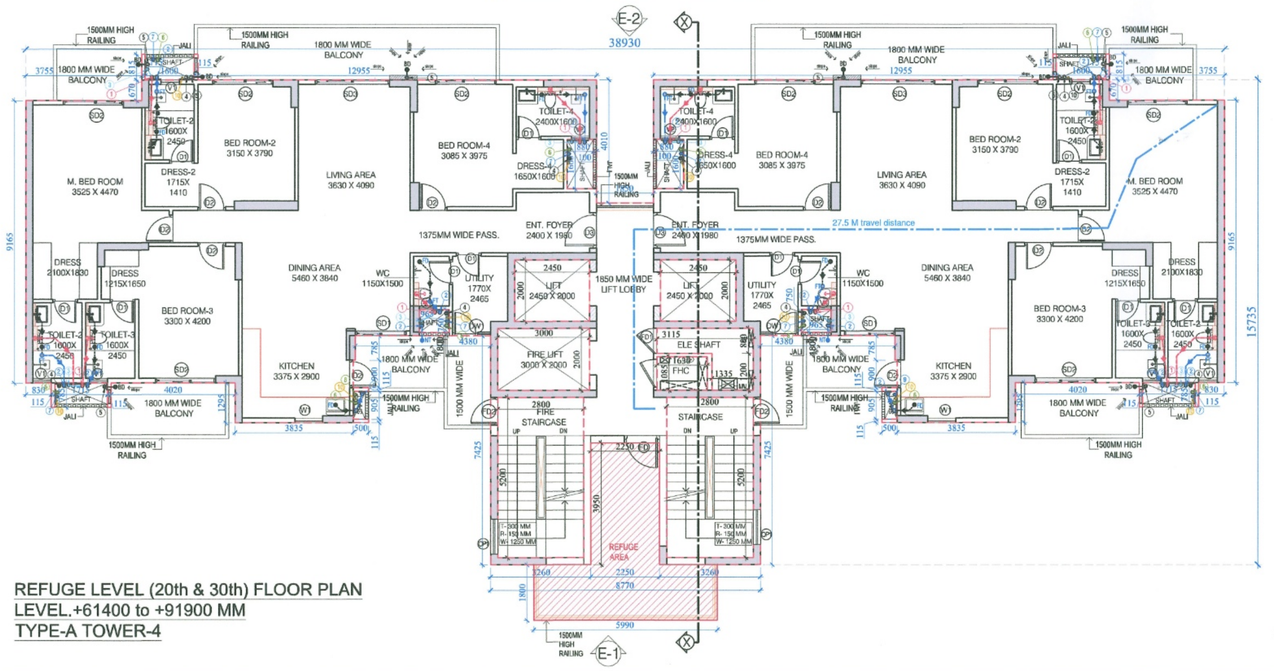


STILT-1 FLOOR PLAN
LEVEL.+1950MM
TYPE-A, TOWER-4

TYPICAL FLOOR FAR AREA						
AREA CALCULATION						
ADDTION AREA (A) = (X x Y)						
S NO.	LENGTH (MM)		BREADTH (MM)	NO.S	AREA (SQ.M)	
A	3755	x	9165	2	68.83	
A1	115	x	785	4	0.36	
B	6945	x	7150	2	99.31	
C	6875	x	740	2	10.18	
D	3835	x	1295	2	9.93	
D1	500	x	115	4	0.23	
E	4380	x	6365	2	55.76	
F	14785	x	1945	2	57.51	
F1	115	x	815	4	0.37	
G	3460	x	2065	2	14.29	
H	8770	x	11725	1	102.83	
TOTAL					419.61	
DEDUCTION AREA (B)						
S NO.	LENGTH (MM)		BREADTH (MM)	NO.S	AREA (SQ.M)	
1	2450	X	2000	2	9.80	
2	3000	X	2000	1	6.00	
3	3115	X	800	1	2.49	
4	1335	X	1200	1	1.60	
5	1630	X	1085	1	1.77	
6	2800	X	5200	2	29.12	
7	2250	X	3950	1	8.89	
8	965	X	750	2	1.45	
9	880	X	1600	2	2.82	
TOTAL					63.93	
FLOOR AREA = ADDTION AREA (A)-DEDUCTION AREA (B)						
=	355.67	SQMT				
NON FAR AREA						
S NO.	LENGTH (MM)		BREADTH (MM)	NO.S	AREA (SQ.M)	
3	3115	X	800	1	2.49	
4	1335	X	1200	1	1.60	
5	1630	X	1085	1	1.77	
6	2800	X	5200	2	29.12	
TOTAL					34.98	
SECOND/TYPICAL FLOOR AREA						
=	355.67	+	34.98			
=	390.65	SQMT				



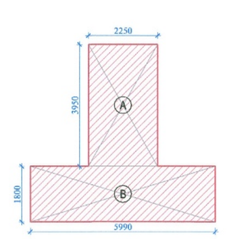
AREA DIAGRAM
TYPICAL FLOOR (3RD-39TH)



REFUGE LEVEL (20th & 30th) FLOOR PLAN
LEVEL.+61400 to +91900 MM
TYPE-A TOWER-4

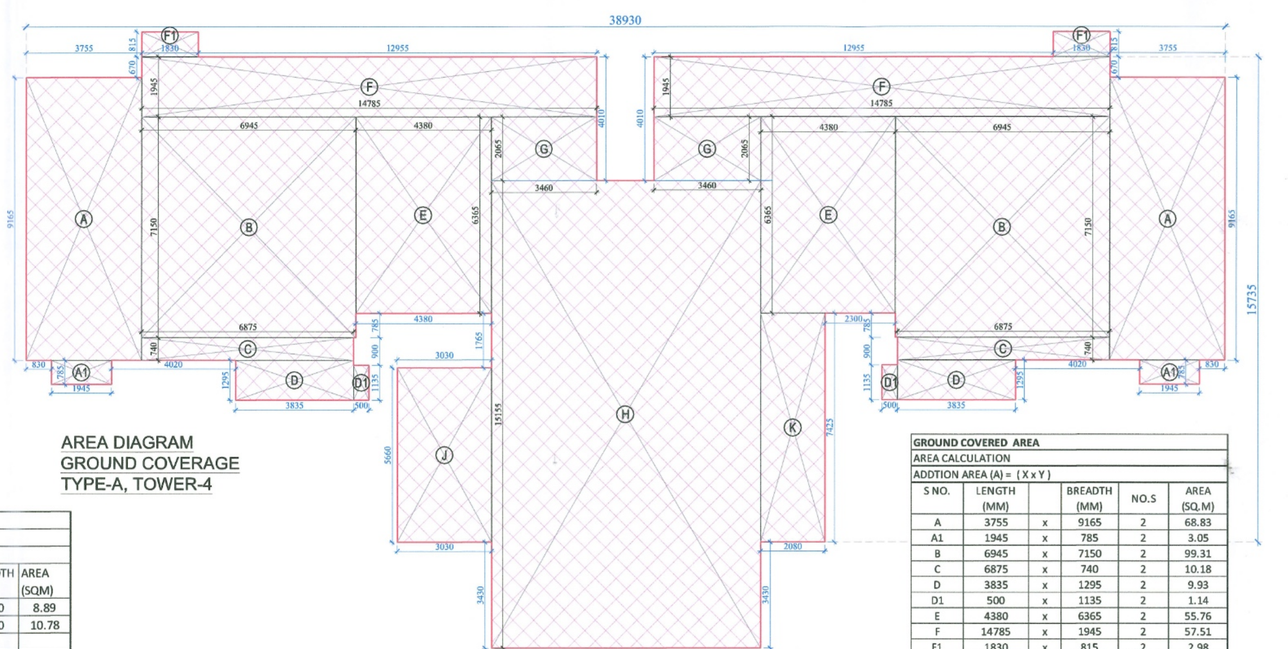
REQUIRED REFUGE AREA CALCULATION:
= [{(Floor Areax2)/occupant load factor}
x0.3 m² per person]+one wheelchair space

= [{(390.65X2)/12.5}x0.3]+0.9 = 19.65 Sqm



AREA DIAGRAM-REFUGE AREA

PROPOSED REFUGE AREA				
AREA CALCULATION				
ADDTION AREA (A) = (X x Y)				
S NO.	LENGTH (MM)		BREADTH (MM)	AREA (SQM)
A	2250	x	3950	8.89
B	5990	x	1800	10.78
REFUGE AREA =				
=	19.67	SQMT		



AREA DIAGRAM
GROUND COVERAGE
TYPE-A, TOWER-4

GROUND COVERED AREA					
AREA CALCULATION					
ADDTION AREA (A) = (X x Y)					
S NO.	LENGTH (MM)		BREADTH (MM)	NO.S	AREA (SQ.M)
A	3755	x	9165	2	68.83
A1	1945	x	785	2	3.05
B	6945	x	7150	2	99.31
C	6875	x	740	2	10.18
D	3835	x	1295	2	9.93
D1	500	x	1135	2	1.14
E	4380	x	6365	2	55.76
F	14785	x	1945	2	57.51
F1	1830	x	815	2	2.98
G	3460	x	2065	2	14.29
H	8770	x	15155	1	132.91
J	3030	x	5660	1	17.15
K	2080	x	7425	1	15.44
TOTAL					488.49

NOTES

1. ALL DIMENSIONS ARE IN MM.
2. DIMENSIONS TO BE READ ONLY, ARE NOT TO BE SCALED.
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. RAIN WATER HARVESTING SYSTEM SHALL BE PROVIDED AS PER CENTRAL GROUND WATER AUTHORITY NORMS/HARYANA GOVT.
7. ALL WINDOWS & VENTILATORS ARE OPENABLE.

NOTE:13TH FLOOR NO, IS OMITTED FOR COUNTING PURPOSE.

OPENING SCHEDULE OF DOORS & WINDOWS

SR. NO	TYPE	SIZE (W) MM		SILL	LINTEL (Y) MM	REMARKS
1	D1	800	X	-	2100	
2	D2	900	X	-	2100	
3	D3	1150	X	-	2100	
4	D4	900	X	-	2100	
5	DW1	1175	X	900	2100	
6	SD1	1800	X	-	2100	
7	SD2	2400	X	-	2100	
8	SD3	1950	X	-	2100	
9	SD4	1700	X	-	2100	
10	W1	900	X	1050	2100	
11	V1	450	X	1200	2100	
12	OP1	900	X		-	0.5 SQ.M
13	FD1	800	X	100	2100	
14	FD2	900	X	-	2100	2 HR FIRE
15	FD3	1100	X	-	2100	RATED DOOR
16	FD4	1250	X	-	2100	
17	GL		X	-	Beam Bttm.	

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

S.T.P (HQ) Member Secretary B.P.A.C. | S.T.P (G) Member B.P.A.C. | C.T.P (Hr.) Chairman B.P.A.C.

AD | PA | ATP

Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No. 466108 Dt. 28/8/25

JDT(T) MEMBER BPAC

Superintending Engineer (HQ)

PROJECT:
REVISED BUILDING PLAN OF GROUP HOUSING COLONY MEASURING 11.5875 ACRES(LICENCE NO. 37 OF 2013 DATED 03/6/2013) IN SECTOR-99A, GURGAON, MANESAR URBAN COMPLEX BEING DEVELOPED BY HASTA INFRASTRUCTURE PVT. LTD.

DRAWING TITLE :
TYPE-A, TOWER 4- 20th,30th FLOOR PLANS, TERRACE ,MUMTY/MACHINE/OHT PLANS, GROUND COVERAGE & AREA DIAGRAMS

DRG. NO. TA-1.2

DATE- 04.12.2025 | SCALE- 1:100 | SHEET NO.- 23

Hasta Infrastructure Pvt. Ltd. Authorised Signatory

Ar. Nityanjat Choudhary CA/2016/73551

AUTH'S SIGN | ARCHITECT'S SIGN.