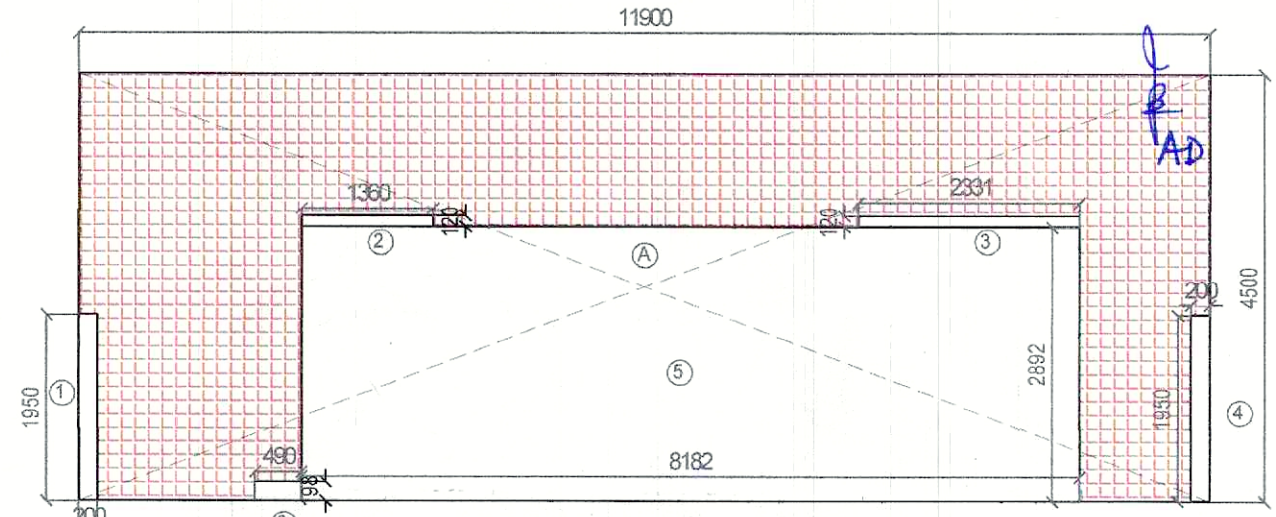
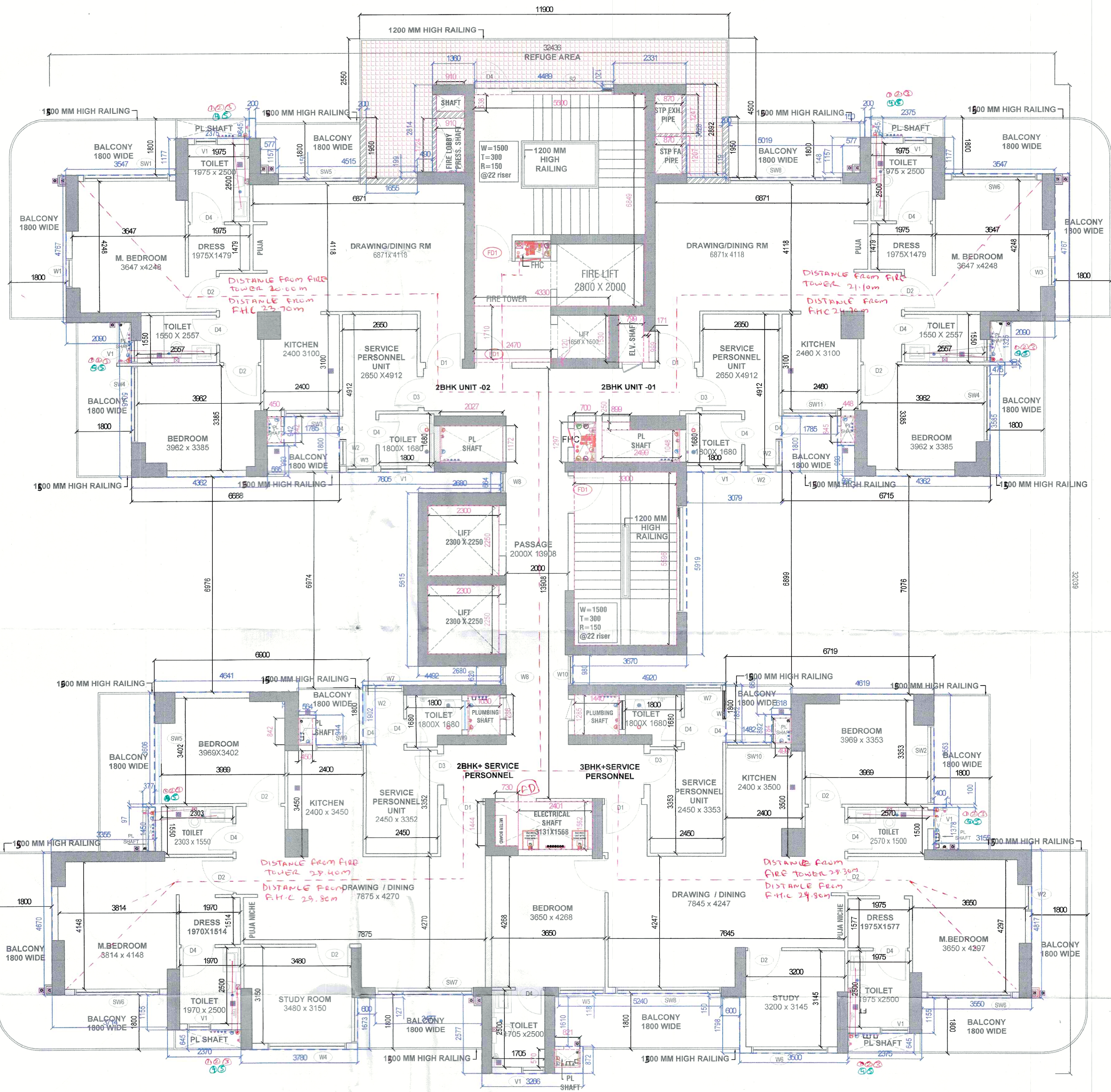




REFUGE AREA CALCULATION					
ADDITIONS					
S. No.	COEFF.	WIDTH	LENGHT	NOS.	AREA IN SQMT
A	1	11.900	4.500	1	53.550
TOTAL ADDITIONS					53.550
DEDUCTIONS					
S. No.	COEFF.	WIDTH	LENGHT	NOS.	AREA IN SQMT
1	1	0.200	1.950	1	0.390
2	1	1.360	0.120	1	0.163
3	1	2.331	0.120	1	0.280
4	1	0.200	1.950	1	0.390
5	1	8.162	2.892	1	23.662
6	1	0.490	0.198	1	0.097
TOTAL DEDUCTIONS					24.982
TOTAL REFUGE AREA					28.568

REFUGE AREA CALCULATION
TOTAL FLOOR AREA (ONE FLOOR + ONE FLOOR)
= (566.383 + 566.383)
= 1132.766 SQMT. (FAR OF TWO FLOOR)
= POPULATION ON TWO FLOOR = @ 12.5 / PERSONS
= 1132.766 / 12.5 = 90.62 PERSONS
= SAY = 91 PERSONS
REFUGE AREA (A) = 91 X 0.3 = 27.30 SQMT.
TOTAL AREA = 27.30 SQMT.
HANDICAP WHEELCHAIR SPACE AREA (B) = 0.900 SQMT
TOTAL REQUIRED REFUGE AREA (A+B) = 0.900 + 27.30 = 28.20 SQMT.
TOTAL AREA PROVIDED (A+B) = 28.568 SQMT.

TYP. DOOR WINDOW SCHEDULE					
TYPE	WIDTH	CLL	UNTEL	HEIGHT	REMARKS
D-01	1200	-	2700	2700	MAIN DOOR
D-02	900	-	2700	2700	TOILET
D-03	1100	-	2700	2700	POWDER TOILET
D-04	800	-	2700	2700	TOILET
DW-01	1480	0/900	2700	2700	KITCHEN
DW-02	1785	0/900	2700	2700	KITCHEN
DW-03	1440	0/900	2700	2700	KITCHEN
FD-01	1200	-	2700	2700	FIRE DOOR
GL-01	2450	-	2700	2700	BEDROOM/STUDY
GL-02	650	-	2700	2700	GLAZING
GL-03	1120	-	2700	2700	BEDROOM
SW-01	2764	-	2700	2700	DRAWING RM
SW-02	4515	-	2700	2700	BEDROOM
SW-03	1785	-	2700	2700	BEDROOM
SW-04	2465	-	2700	2700	DRAWING RM
SW-05	2604	-	2700	2700	BEDROOM
SW-06	2758	-	2700	2700	BEDROOM
SW-07	3395	-	2700	2700	DRAWING RM
SW-08	3395	-	2700	2700	BEDROOM
SW-09	1535	-	2700	2700	STUDY ROOM
SW-10	1482	-	2700	2700	BEDROOM
SW-11	1785	-	2700	2700	KITCHEN
SW-12	5020	-	2700	2700	DRAWING RM
SW-13	3230	-	2700	2700	DRAWING RM
SW-14	3156	-	2700	2700	DRAWING RM
V-01	750	1500	2700	1200	TOILET VENT
W-01	953	900	2700	1800	BEDROOM
W-02	862	900	2700	1800	BEDROOM
W-03	900	900	2700	1800	BEDROOM
W-04	2531	900	2700	1800	BEDROOM
W-05	1495	900	2700	1800	BEDROOM
W-06	2451	900	2700	1800	BEDROOM
W-07	1231	900	2700	1800	BEDROOM
W-08	741	900	2700	1800	BEDROOM
W-09	620	900	2700	1800	BEDROOM
W-10	979	900	2700	1800	BEDROOM
S-01	3435	1800	2700	900	STAIRCASE
S-02	4340	300	2250	1950	STAIRCASE
S-03	2950	1200	2250	1050	STAIRCASE

FIRE FIGHTING LEGEND	
SYMBOL	DESCRIPTION
(A)	150mm MS. SPRINKLER RISER PIPE (LOW ZONE)
(B)	150mm MS. SPRINKLER RISER PIPE (MIDDLE ZONE)
(C)	150mm MS. SPRINKLER RISER PIPE (HIGH ZONE)
(D)	150mm MS. FIRE HYDRANT RISER PIPE (LOW ZONE)
(E)	150mm MS. FIRE HYDRANT RISER PIPE (MIDDLE ZONE)
(F)	150mm MS. FIRE HYDRANT RISER PIPE (HIGH ZONE)
(G)	80mm DRAIN PIPE

LEGEND:		
S.NO.	DESCRIPTION	SYMBOL
1.	1000 SOIL PIPE	1
2.	1000 WASTE PIPE	2
3.	750 ANTI-SIPHONAGE PIPE	3
4.	DOMESTIC WATER SUPPLY DN. TAKE PIPE	4
5.	FLUSHING WATER SUPPLY DN. TAKE PIPE	5
6.	750 BALCONY WASTE WATER PIPE	6
7.	1500 RAIN WATER PIPE	7
8.	DOMESTIC WATER DN. TAKE BOOSTER SUPPLY	8
9.	DOMESTIC WATER RISER PIPE	9
10.	FLUSHING WATER RISER PIPE	10
11.	FLOOR TRAP	FT
12.	FLOOR DRAIN	FD
13.	VERTICAL GRATING	VG
14.	PLAIN FLOOR TRAP	PFT
15.	FLOW DIRECTION	PFT
16.	BOTTLE TRAP	PFT

NOTES:-

- BUILDING HAS AN AUTOMATIC SYSTEM WHEREVER REQUIRED BY NBC.
- BUILDING WILL BE DESIGNED (STRUCTURE) AS PER THE RELEVANT IS CODES FOR EARTHQUAKE RESISTANCE.
- WC SHALL BE MECHANICALLY LIGHT & VENTILATED WHEREVER REQUIRED.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SPECIFIED OTHERWISE.
- CENTRALLY AIR CONDITIONED BUILDING WITH MECHANICAL VENTILATION, WITH 24/7 POWER BACKUP SUPPLY.

DRAWING TITLE :

18TH FLOOR PLAN (REFUGE)
(Toilet Detail Typical)

BUILDING NAME:

TOWER - 1

ARCHITECT SIGNATURE:-



OWNER SIGNATURE:-



PROPOSED BUILDING PLANS OF RETIREMENT GROUP HOUSING (UNDER RETIREMENT HOUSING POLICY DATED 17.08.2021) OVER AN AREA MEASURING 3.825 ACRES (LICENSE NO 116 OF 2025 DATED 04.07.2025) IN SECTOR-36, SOHNA BEING DEVELOPED BY JANDU CONSTRUCTION INDIA PVT. LTD. IN COLLABORATION WITH FANTASY EXIM PVT. LTD.

DATE:-

SCALE:- NTS

SHEET NO. T-102