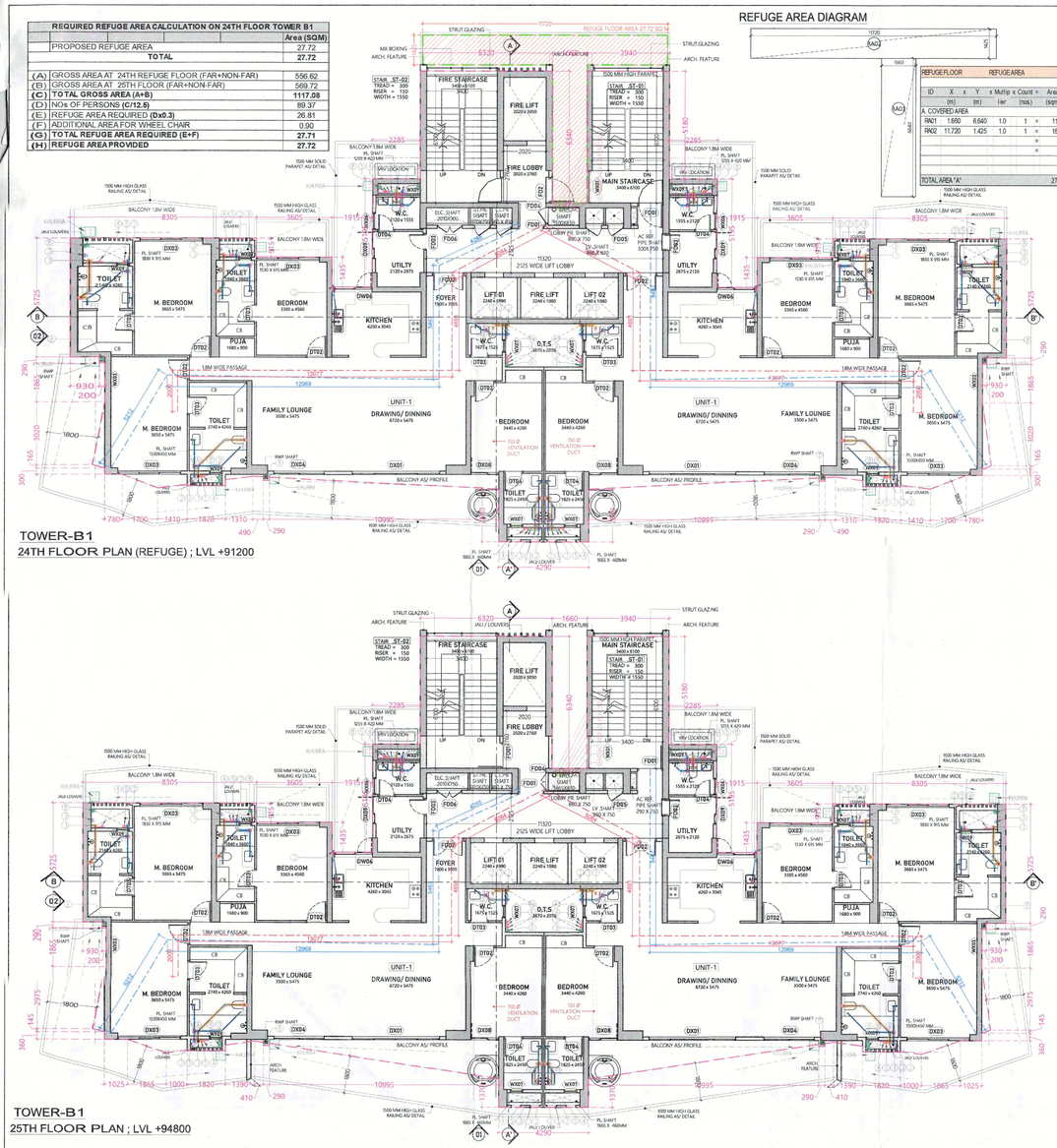
REQUIRED REFUGE AREA CALCULATION ON 24TH FLOOR TOWER B1		Area (SQM)
PROPOSED REFUGE AREA		27.72
TOTAL		**27.72**
(A)	GROSS AREA AT 24TH REFUGE FLOOR (FAR+NON-FAR)	556.62
(B)	GROSS AREA AT 25TH FLOOR (FAR+NON-FAR)	569.72
(C)	**TOTAL GROSS AREA (A+B)**	**1117.08**
(D)	NOs OF PERSONS **(C/12.5)**	89.37
(E)	REFUGE AREA REQUIRED **(Dx0.3)**	26.81
(F)	ADDITIONAL AREA FOR WHEEL CHAIR	0.90
(G)	**TOTAL REFUGE AREA REQUIRED (E+F)**	**27.71**
(H)	**REFUGE AREA PROVIDED**	**27.72**

REFUGE AREA DIAGRAM

REFUGE FLOOR	REFUGE AREA						
ID	X (m)	x	Y (m)	x Multip ier	x Count (nos)	=	Area (sqm)
A. COVERED AREA							
RR01	1.650		6.640	1.0	1	=	11.02
RR02	11.720		1.425	1.0	1	=	16.70
						=	
						=	
TOTAL AREA "A"							27.72


STRUT GLAZING
REFUGE FLOOR AREA 27.72 SQ M
MS BOXING
ARCH. FEATURE
JALI / LOUVERS
STAIR_ST-02 TREAD = 300 RISER = 150 WIDTH = 1550
FIRE STAIRCASE 3400 x 6100
FIRE LIFT 2020 x 2050
FIRE LOBBY 2020 x 2760
STAIR_ST-01 TREAD = 300 RISER = 150 WIDTH = 1550
1500 MM HIGH PARAPET
MAIN STAIRCASE 3400 x 6100
6340
5180
2285
BALCONY 1.8M WIDE
1500 MM HIGH GLASS RAILING AS/ DETAIL
1500 MM SOLID PARAPET AS/ DETAIL
W/H LOCATION
W.C. 1230 x 1555
ELEC. SHAFT 2070X750
SUMP PIT SHAFT 1000X1000
FD01
FD04
FD05
FD06
UP
DN
1400
1320
2125 WIDE LIFT LOBBY
LIFT-01 2240 x 1980
FIRE LIFT 2240 x 1980
LIFT 02 2240 x 1980
FOYER 1800 x 3935
UTILITY 2120 x 2875
UTILITY 2875 x 2120
KITCHEN 4260 x 3045
W.C. 1675 x 1525
O.T.S 3870 x 2070
PUJA 1680 x 900
M. BEDROOM 3665 x 5475
BEDROOM 3365 x 4560
BEDROOM 3440 x 4260
FAMILY LOUNGE 3500 x 5475
UNIT-1
DRAWING/ DINNING 6720 x 5475
TOILET 2740 x 4260
TOILET 1825 x 2450
PL SHAFT 1830 X 915 MM
PL SHAFT 1530 X 655 MM
PL SHAFT 1500X450 MM
PL SHAFT 1000X1000 MM
PL SHAFT 1000 X 420 MM
PL SHAFT 1500 X 420 MM
PL SHAFT 1830 X 915 MM
PL SHAFT 1830 X 655 MM
PL SHAFT 1500X450 MM
PL SHAFT 1000X1000 MM
PL SHAFT 1000 X 420 MM
PL SHAFT 1500 X 420 MM
RWP SHAFT
AC RE PIPE SHAFT 290 X 750
LV SHAFT 300X 750
1.8M WIDE PASSAGE
BALCONY A/U PROFILE
150 Ø VENTILATION DUCT
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