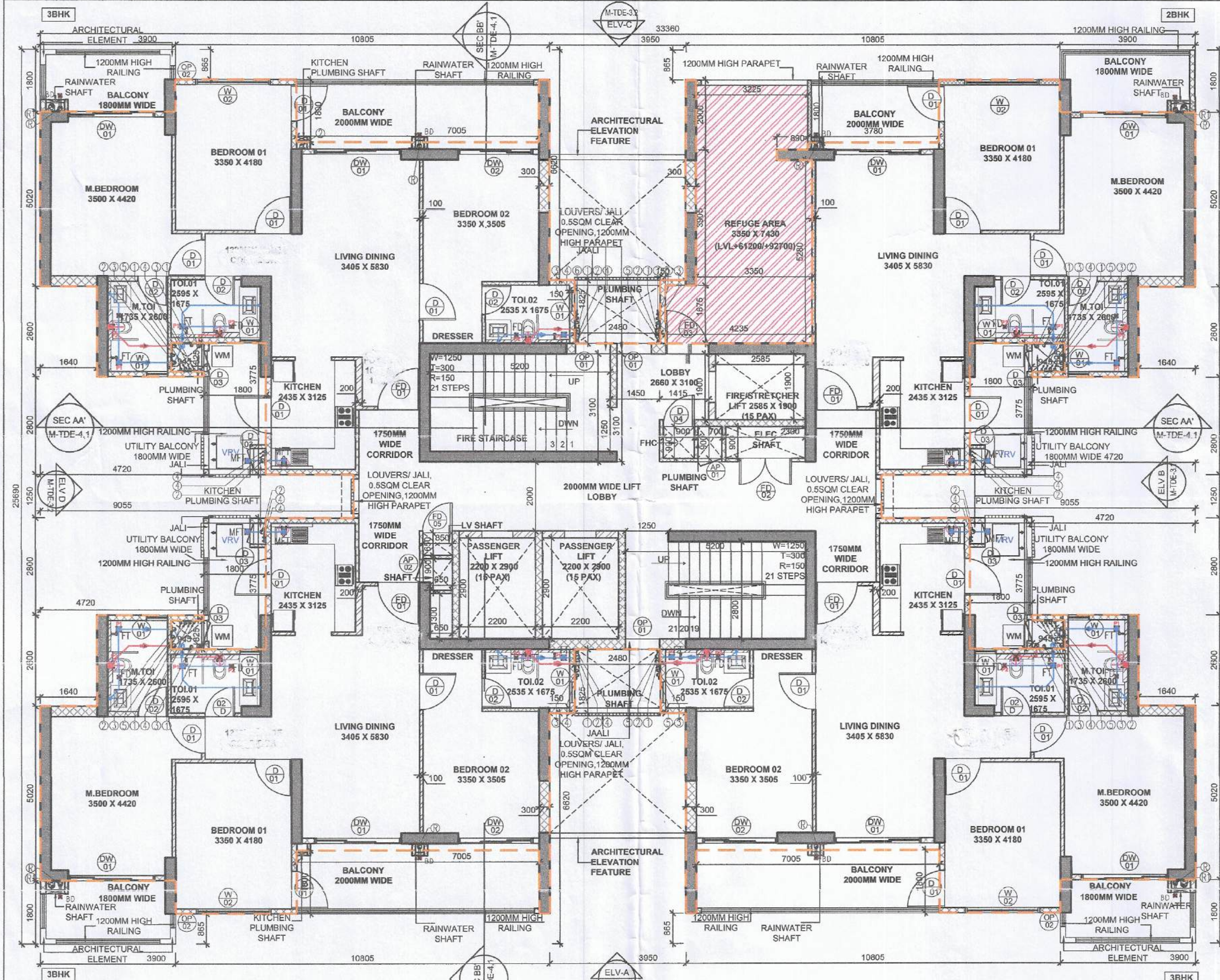




PLUMBING LEGEND:-

- 110 OD SOIL PP PIPE
- 110 OD WASTE PP PIPE
- 110 OD ANTI VENT UPVC PIPE
- DOMESTIC WATER SUPPLY PIPE (FROM ROCKET PUMP)
- FLUSHING WATER SUPPLY PIPE
- DOMESTIC WATER RISER PIPE TO GHT
- FLUSHING WATER RISER PIPE TO GHT
- GEYSER
- 110 OD RAIN WATER UPVC PIPE
- 110 OD RAIN WATER UPVC PIPE
- FLOOR TRAP OUTLET (150X150)
- FLOOR DRAIN
- BALCONY DRAIN

PIPE CONNECTION DATA:-

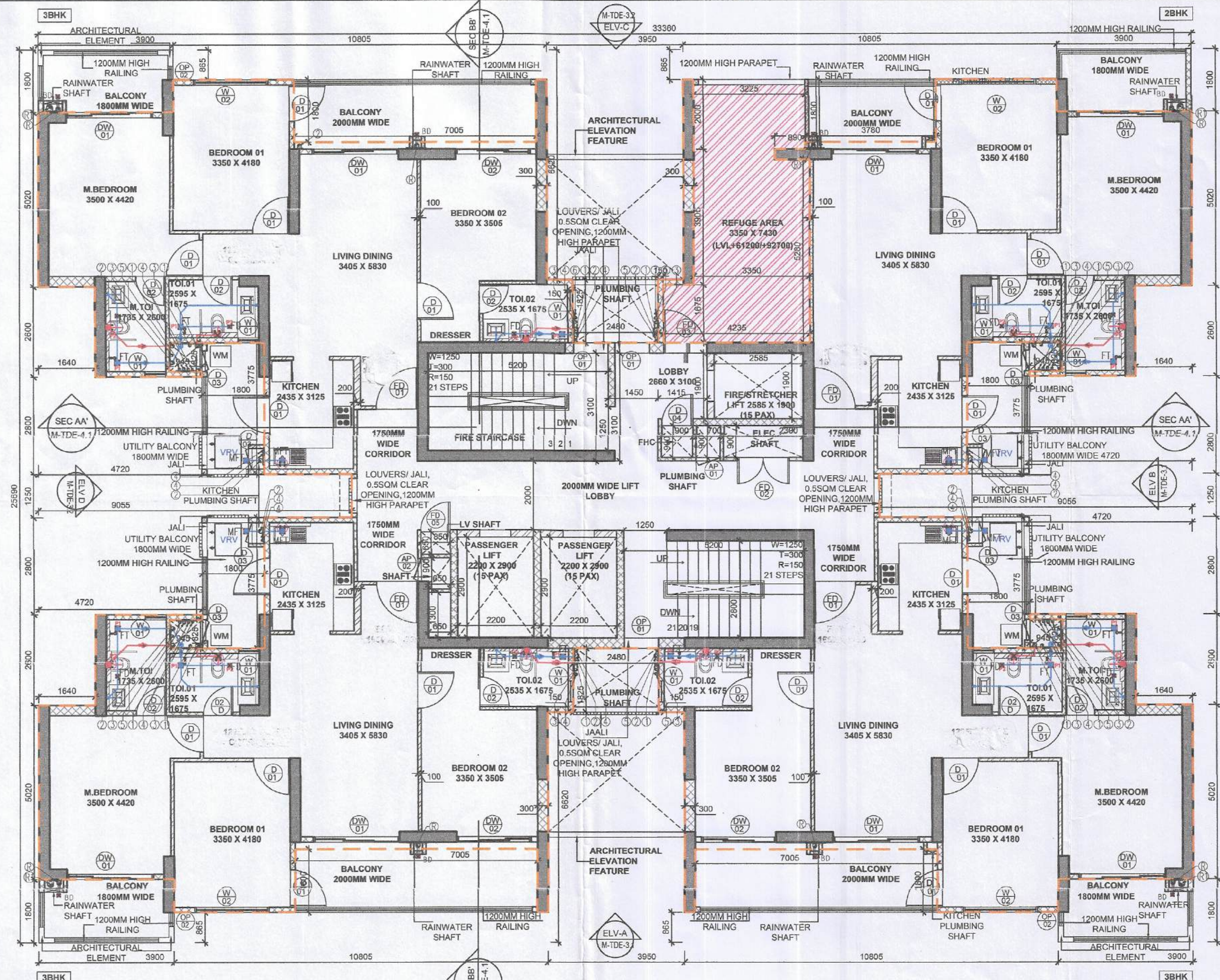
WC TO TO STACK 110 OD SOIL PP PIPE
 FT TO STACK 110 OD WASTE PP PIPE
 FD TO FT 63 OD WASTE PP PIPE
 WASH BASIN TO FT 40 OD WASTE PP PIPE
 SINK TO FT 50 OD WASTE PP PIPE

PLUMBING LEGEND OUTLINE IN FLOOR:-

P1 150X150
 P2 100X100
 P3 75X75

WALL LEGEND

SYMBOL	WALL TYPE
(Solid line)	STRUCTURAL COLUMN
(Dashed line)	BLOCKWORK
(Thin solid line)	NON STRUCTURAL WALL



TOWER D & E- DOOR WINDOW SCHEDULE

DOOR/WINDOW	WIDTH	HEIGHT	SILL	LINTEL
FD01	1200	2400	-	2400
FD02	1500	2100	300	2400
FD03	1250	2400	-	2400
FD04	1000	2400	-	2400
FD05	850	2100	300	2400
DO1	1050	2400	-	2400
DO2	850	2400	-	2400
DO3	600	1200	1200	2400
DO4	900	2100	300	2400
DO5	2000	2400	-	2400
O	0	0	0	0
WO1	600	1200	1200	2400
WO2	2150	2100	300	2400
WO3	750	1200	1200	2400
O	0	0	0	0
DW01	2500	2400	-	2400
DW02	2150	2400	-	2400
DW03	3350	2400	-	2400

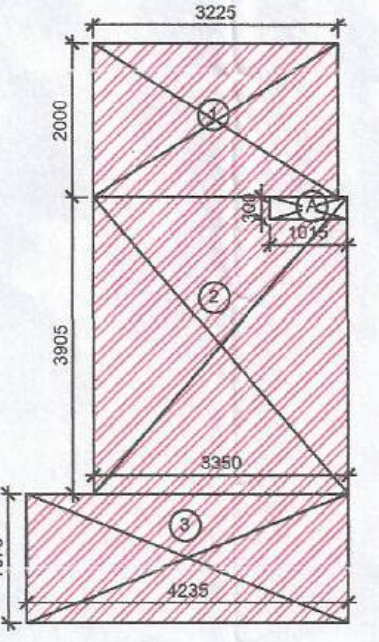
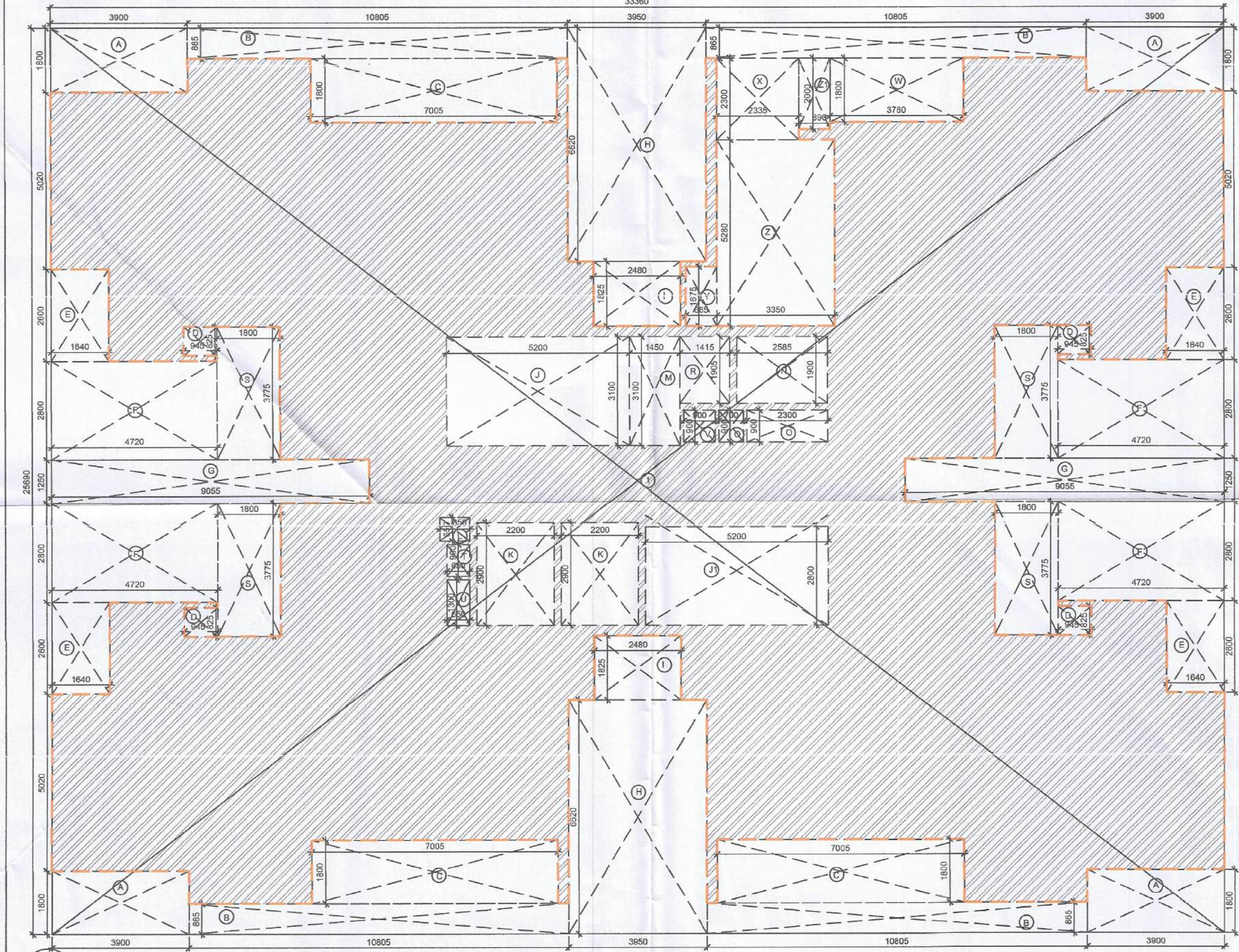
FIRE RATING NOTE:
 FD 01 - One hour fire rated door
 FD 02, FD 05 - Two hour fire rated doors

TOWER D & E- REFUGE FLOOR AREA CALCULATION

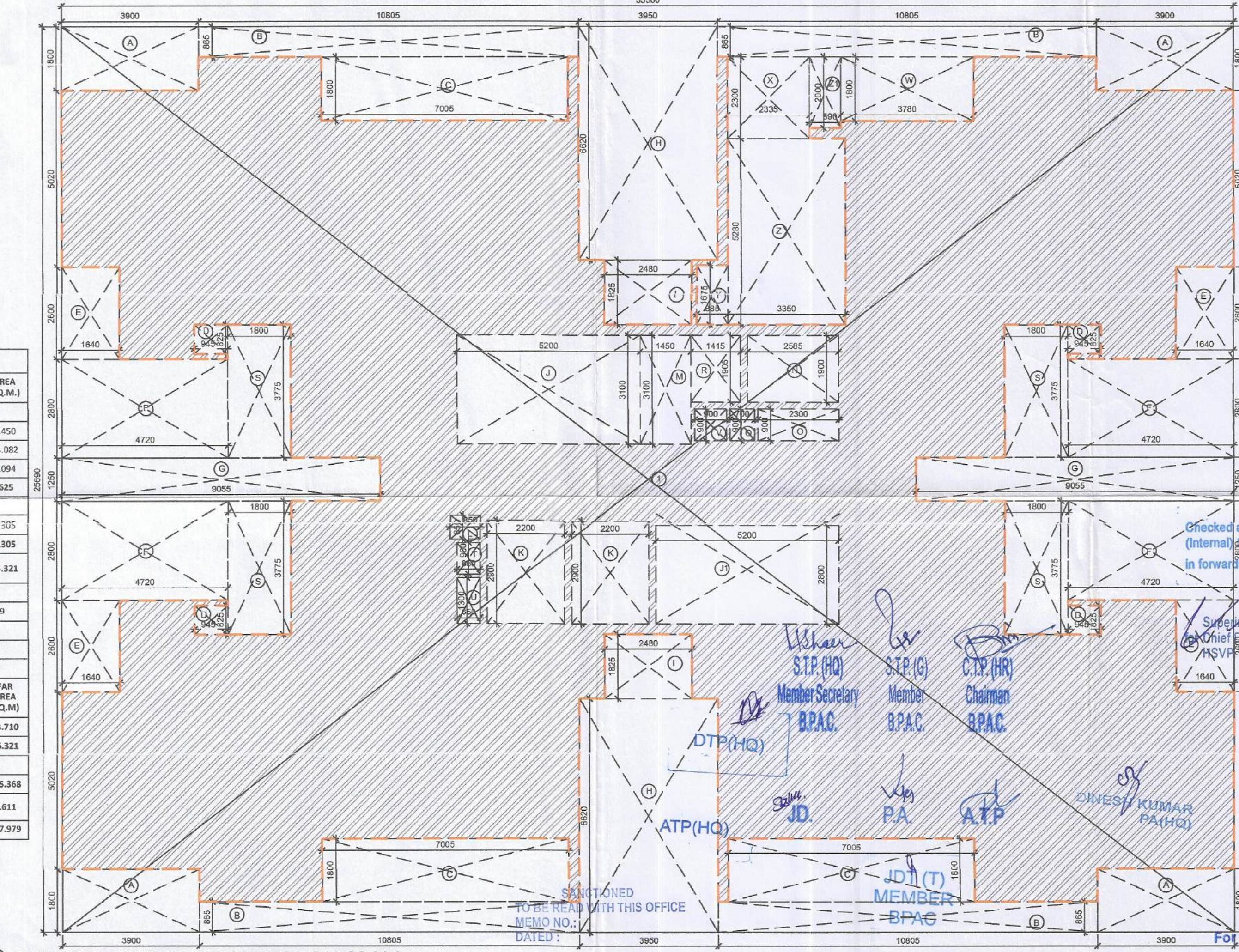
S.NO.	LENGTH (M)	WIDTH (M)	NO.	AREA (SQ.M.)
COVERED AREA				
1.000	33.300	25.650	1	857.018
TOTAL ADDITIONS (A)				
DEDUCTION				
A	3.900	1.800	4	28.080
B	10.805	0.865	4	37.385
C	7.005	1.800	3	37.827
D	0.945	0.825	4	3.119
E	1.640	2.600	4	17.056
F	4.720	2.800	4	52.864
G	9.055	1.250	2	22.638
H	3.950	6.620	2	52.298
I	2.480	1.825	2	9.052
J	5.200	3.100	1	16.120
K	5.200	2.800	1	14.560
L	2.200	2.900	2	12.760
M	0.850	0.650	1	0.553
N	1.450	3.100	1	4.495
O	2.585	1.900	1	4.912
P	2.300	0.900	1	2.070
Q	0.700	0.900	1	0.630
R	1.415	1.900	1	2.688
S	1.800	3.775	4	27.180
T	0.650	0.900	1	0.585
U	0.650	1.300	1	0.845
V	0.900	0.900	1	0.810
W	3.780	1.800	1	6.804
X	2.335	2.300	1	5.371
Y	0.885	1.675	1	1.482
Z	3.350	5.280	1	17.688
Z1	0.890	2.000	1	1.780
DEDUCTION (B)				381.651
F.A.R. COVERED AREA (A) - DEDUCTION (B)				475.368

TOWER E- REFUGE FLOOR PLAN
 18TH FLOOR (LVL+61200) & 28TH FLOOR (LVL+92700) SCALE 1:100

TOWER D- REFUGE FLOOR PLAN
 18TH FLOOR (LVL+61200) & 28TH FLOOR (LVL+92700) SCALE 1:100



TOWER D & E- REFUGE AREA CALCULATION				
S.NO.	LENGTH (M)	WIDTH (M)	NO.	AREA (SQ.M.)
ADDITIONS				
1.000	3.225	2.000	1.000	6.450
2.000	3.350	3.905	1.000	13.082
3.000	4.235	1.675	1.000	7.094
TOTAL ADDITIONS (A)				26.625
DEDUCTION				
A	1.015	0.300	1.000	0.305
DEDUCTION (B)				0.305
REFUGE AREA = TOTAL ADDITIONS (A) - TOTAL DEDUCTION (B)				26.321
REFUGE AREA				
[AREA AT 60M + AREA AT 90M]/(2.5) X 0.3 + 0.9				
0.3 = AREA/ PERSON				
0.9 = AREA FOR WHEEL CHAIR BOUND				
(475.368 + 475.368/(2.5) X 0.3 + 0.9 = 23.710				
FAR AREA				
S.NO.	TYPE			FAR AREA (SQ.M.)
A	PERMISSIBLE AREA			23.710
B	PROPOSED AREA			26.321
TOTAL FAR (A+B)				47.779



TOWER D & E- REFUGE FLOOR NON FAR AREA CALCULATION

S.NO.	LENGTH (M)	WIDTH (M)	NO.	AREA (SQ.M.)
COVERED AREA				
BALCONY				
A	3.900	1.800	4	28.080
C	7.005	1.800	3	37.827
S	1.800	3.775	4	27.180
STAIRCASE				
J	5.200	3.100	1	16.120
J1	5.200	2.800	1	14.560
LIFT LOBBY				
M	1.450	3.100	1	4.495
R	1.415	1.900	1	2.688
REFUGE				
X	2.335	2.300	1	5.3705
Y	0.885	1.675	1	1.482375
Z	3.350	5.280	1	17.688
Z1	0.890	2.000	1	1.78
TOTAL ADDITIONS (A)				157.271

TOWER E- REFUGE FLOOR AREA DIAGRAM
 18TH FLOOR (LVL+61200) & 28TH FLOOR (LVL+92700) SCALE 1:100

TOWER D- REFUGE FLOOR AREA DIAGRAM
 18TH FLOOR (LVL+61200) & 28TH FLOOR (LVL+92700) SCALE 1:100

Checked and found ok for Public Health
 (Internal service only subject to comments in
 in forwarding letter No.DW.....)

DEVELOPER:
 BIRLA ESTATES PVT. LTD.

DESIGNER:
 GEO DESIGNS AND RESEARCH PVT. LTD.

ARCHITECT:
 ARCHITECTURE COLLECTIVE

PROPOSED BUILDING PLAN FOR GROUP
 HOUSING COLONY UNDER TDD POLICY
 2016 BEARING LICENCE NO. 72 OF 2025
 DATED 21.05.2025 FOR OVER AN AREA
 MEASURING 5.075 ACRES IN THE
 REVENUE ESTATE OF VILLAGE
 FAZILPUR, JHARSA & BEGAMPUR
 KHATOLA, SECTOR 71, GURUGRAM
 BEING DEVELOPED BY BIRLA ESTATES
 PVT LTD.
 (LICENSE NO. 72 OF 2025 DATED
 21.05.2025)

TOWER D, E - REFUGE
 FLOOR PLAN (28HK)

DRG NO. M-TDE-2.5 ARCHITECT SIGN
 SCALE: 1:100
 DEALT: SIMRAN
 OWNERS SIGN:

For BIRLA ESTATES PVT. LTD. RAJIV SANAN
 CA/99/25531
 Authorized Signatory