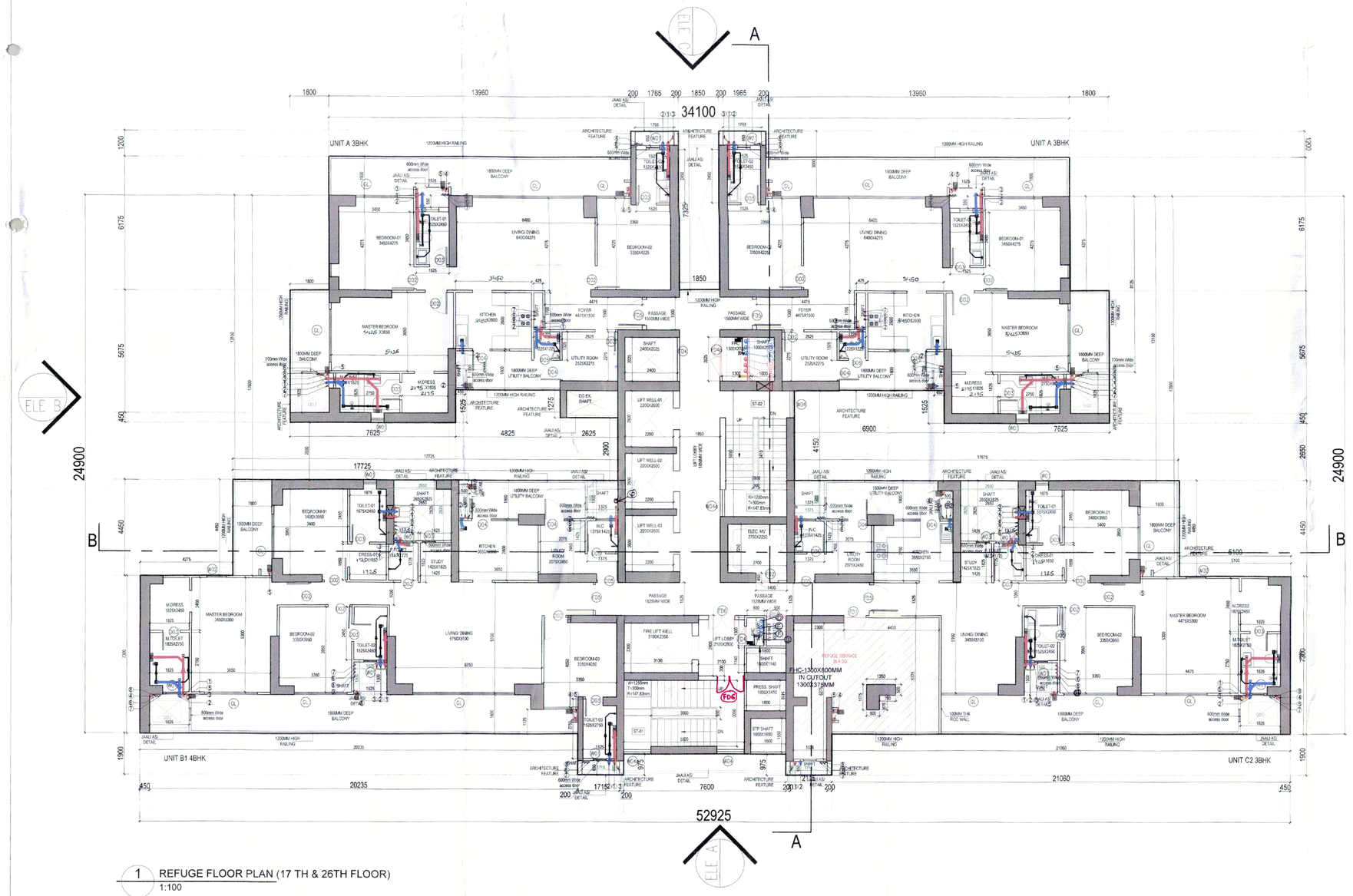
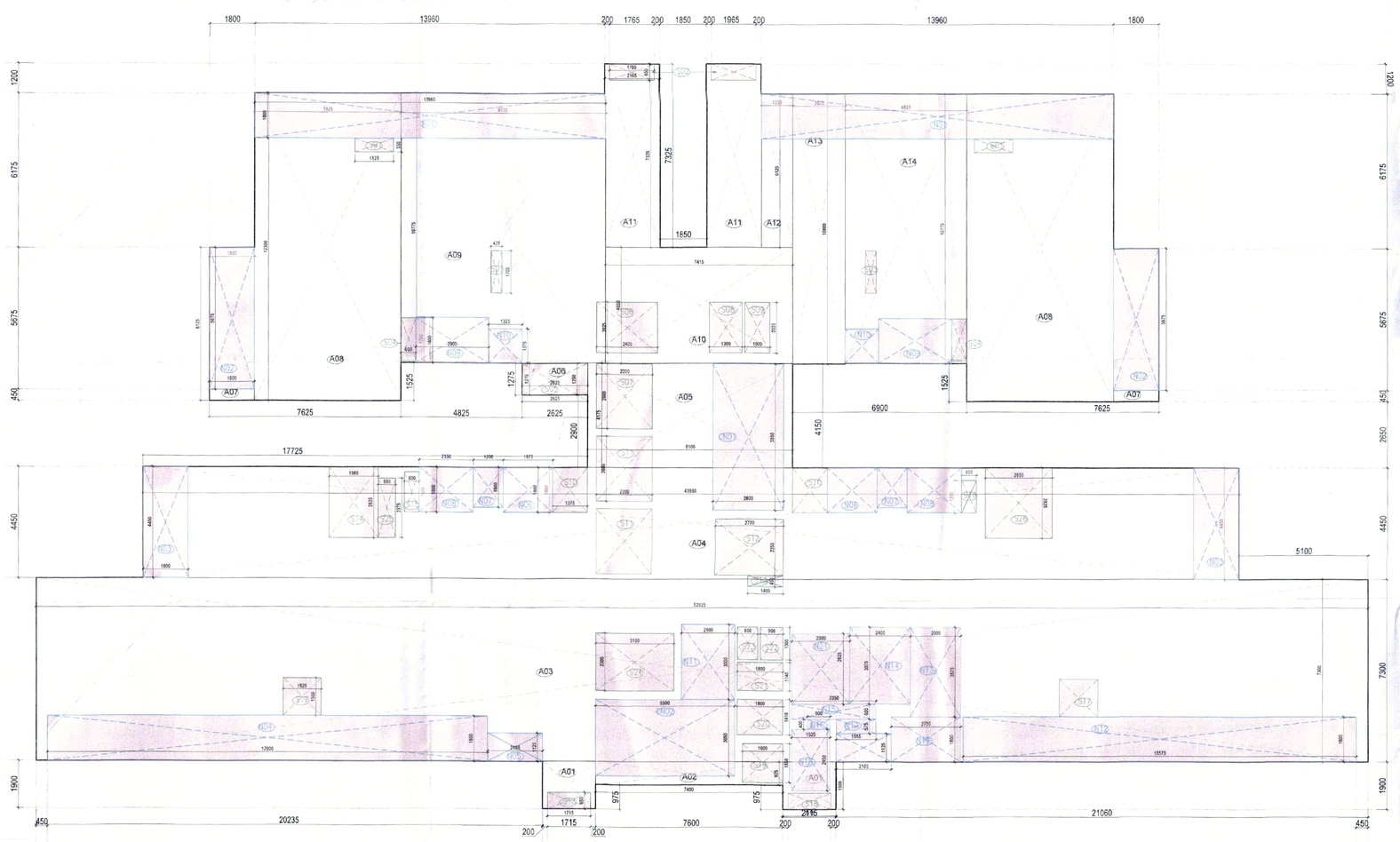


1 REFUGE FLOOR PLAN (17 TH & 26TH FLOOR)
1:100



2 REFUGE FLOOR AREA DIAGRAM (17 TH & 26TH FLOOR)
1:100

REFUGE FLOOR FAR AREA

TOWER AREA

Additions

Description		Length (mm)	Breadth (mm)	Area (sqm)	No. of repetitions	Total Area (sqm)
Area of rectangle	A01	2115	1900	4.019	2	8.037
Area of rectangle	A02	7400	925	6.845	1	6.845
Area of rectangle	A03	7300	52925	386.353	1	386.353
Area of rectangle	A04	43550	4450	193.798	1	193.798
Area of rectangle	A05	4175	8100	33.818	1	33.818
Area of rectangle	A06	2625	1275	3.347	1	3.347
Area of rectangle	A07	6125	1800	11.025	2	22.050
Area of rectangle	A08	5825	12300	71.648	2	143.295
Area of rectangle	A09	8135	10775	87.655	1	87.655
Area of rectangle	A10	7415	4650	34.480	1	34.480
Area of rectangle	A11	2165	7325	15.859	2	31.717
Area of rectangle	A12	1235	6125	7.564	1	7.564
Area of rectangle	A13	2075	10800	22.410	1	22.410
Area of rectangle	A14	4825	10775	51.989	1	51.989
Total of all Additions 'A'						1033.357

Deductions

Description		Length (mm)	Breadth (mm)	Area (sqm)	No. of figures	Total Area (sqm)
Area of rectangle	S01	1523	550	0.839	2	1.678
Area of rectangle	S02	1765	650	1.147	2	2.295
Area of rectangle	S03	425	1700	0.723	2	1.445
Area of rectangle	S04	600	1700	1.020	2	2.040
Area of rectangle	S05	1250	2625	3.281	1	3.281
Area of rectangle	S06	2400	2025	4.860	1	4.860
Area of rectangle	S07	2200	2600	5.720	1	5.720
Area of rectangle	S08	1300	2025	2.633	1	2.633
Area of rectangle	S09	1000	2025	2.025	1	2.025
Area of rectangle	S10	1375	1800	2.475	2	4.950
Area of rectangle	S11	2600	2200	5.720	2	11.440
Area of rectangle	S12	2700	2250	6.075	1	6.075
Area of rectangle	S13	1400	450	0.630	1	0.630
Area of rectangle	S14	2825	1960	5.537	1	5.537
Area of rectangle	S15	1600	600	0.960	1	0.960
Area of rectangle	S16	600	1300	0.780	1	0.780
Area of rectangle	S17	1525	1500	2.288	2	4.575
Area of rectangle	S18	1715	650	1.115	2	2.230
Area of rectangle	S19	1600	1550	2.480	1	2.480
Area of rectangle	S20	1800	1410	2.538	1	2.538
Area of rectangle	S21	1800	1140	2.052	1	2.052
Area of rectangle	S22	900	1300	1.170	1	1.170
Area of rectangle	S23	800	1300	1.040	1	1.040
Area of rectangle	S24	3100	2300	7.130	1	7.130
Area of rectangle	S25	690	2375	1.639	1	1.639
Area of rectangle	S26	2650	2825	7.486	1	7.486
Total of all Deductions 'B'						88.687
TOTAL AREA (A-B)=C						944.670

TYPICAL FLOOR NON FAR AREA

TOWER AREA

Additions

Description		Length (mm)	Breadth (mm)	Area (sqm)	No. of figures	Total Area (sqm)
Area of rectangle	N01	13960	1800	25.128	2	50.256
Area of rectangle	N02	5675	1800	10.215	2	20.430
Area of rectangle	N03	1800	4450	8.010	2	16.020
Area of rectangle	N04	17600	1800	31.680	1	31.680
Area of rectangle	N05	2185	1125	2.458	1	2.458
Area of rectangle	N06	1975	1800	3.555	2	7.110
Area of rectangle	N07	1200	1600	1.920	2	3.840
Area of rectangle	N08	2150	1800	3.870	2	7.740
Area of rectangle	N09	2900	1800	5.220	2	10.440
Area of rectangle	N10	1325	1375	1.822	2	3.644
Area of rectangle	N11	2100	3000	6.300	1	6.300
Area of rectangle	N12	15575	1800	28.035	1	28.035
Area of rectangle	CN01	2800	5850	16.380	1	16.380
Area of rectangle	CN02	5500	3050	16.775	1	16.775
Total of all Additions 'D'						221.108
NET NON FAR AREA= D						221.108
TOTAL FAR AREA(C-D)=E						723.562

REFUGE AREA

Additions

Description		Length (mm)	Breadth (mm)	Area (sqm)	No. of figures	Total Area (sqm)
Area of rectangle	N13	2000	3575	7.150	1	7.150
Area of rectangle	N14	2400	3075	7.380	1	7.380
Area of rectangle	N15	3350	600	2.010	1	2.010
Area of rectangle	N16	900	400	0.360	1	0.360
Area of rectangle	N17	1585	575	0.911	1	0.911
Area of rectangle	N18	1525	2450	3.736	1	3.736
Area of rectangle	N19	2750	1800	4.950	1	4.950
Area of rectangle	N20	2185	1125	2.458	1	2.458
Area of rectangle	N21	2825	2300	6.498	1	6.498
Total of all Additions 'F'						35.453
TOTAL FAR AREA(E-F)=G						688.108

RESIDENTIAL TOWERS SCHEDULE

DOORS

ROUGH OPENINGS (MASONRY)

Type	Width	Height	Lintel	Sill
D01	1200	2250	2250	0
D02	1000	2250	2250	0
D03	800	2250	2250	0
D04	800	2250	2250	0
D05	900	2250	2250	0
D06	800	2250	2250	0
D07	600	2150	2250	100
D08	750	2250	2250	0
D09	2000	2250	2250	0
D10	1800	2250	2250	0

FIRE DOORS

ROUGH OPENINGS (MASONRY)

Type	Width	Height	Lintel	Sill
FD01	1000	2250	2250	0
FD02	1000	2100	2250	150
FD03	900	2100	2250	150
FD04	900	2100	2250	150
FD04a	1800	2100	2250	150
FD05	1200	2250	2250	0
FD06	1250	2250	2250	0

DOOR WINDOW

ROUGH OPENINGS (MASONRY)

Type	Width (D+W)	Height (D/W)	Lintel	Window Sill
DW01	2000+ as per plan	2250	2250	0
DW02	1000+ as per plan	2250	2250	0

WINDOW

ROUGH OPENINGS (MASONRY)

Type	Width	Height	Lintel	Sill
W01	600	1000	2250	1250
W02	900	1950	2250	1250
W03	600	1950	2250	1250
W04	1250	1000	2250	1250
W04a	1250	1000	-	900 from midlanding

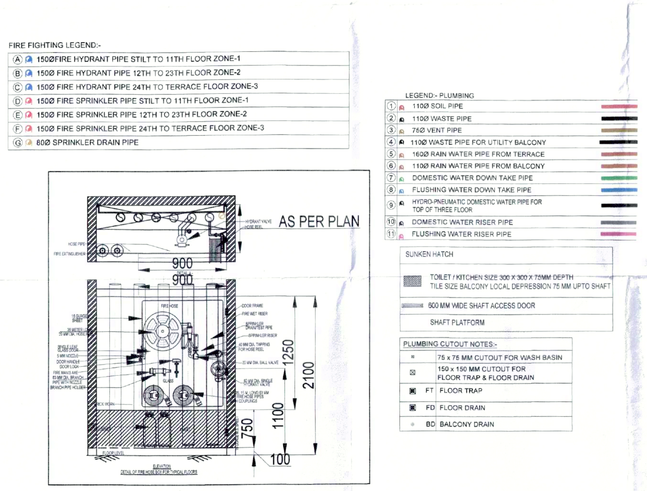
GLAZING

ROUGH OPENINGS (MASONRY)

Type	Width	Height	Lintel	Sill
GL	as/plan	2600	2600	-

REFUGE AREA CALCULATION

Description	Area (sqm)
Area of Refuge floor	723.562
Area of floor below Refuge	716
Covered area for 2 Consecutive Floors	1432
Occupant load @12.5sqm/ person	114.56
0.3sqm Refuge area to be provided per occupant load & 0.9sqm additional for accomodating wheelchair requirement	35.268
Refuge area required	35.268
Refuge area provided	35.45



Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No. 15768 dt. 5/6/25

DTP (HQ) Member Secretary BPAC
STP (HQ) Special Invitee
DTP Chairman BPAC
Superintending Engineer (HQ) C/o Chief Engineer-I/II, HSVP, Panchkula.
JDA(HQ) Member BPAC
JDA (H)
DTP (H)
STP (H) (Member BPAC)

SANCTIONED
VIDE MEMO No. 13477 DATED 8/5/25

NOTES:

1. All fixture provided in toilets are as per N.B.C.
2. Basement will be mechanically ventilated.
3. All spaces (parking basement, services basement etc.) Will be artificially lit.
4. Standby generating capacity will be provided for the electrical requirement of the total scheme. This therefore includes standby generation for all common services, fire services, lifts etc. And also the entire electrical load for the ventilation.
5. Fire safety measures as per NBC includes smoke detector, heat detector, sprinkler spacing in compliance with code.
6. All external walls are 100mm thick rcc wall, and all internal walls are 100mm thick blockwork. (Valid for all drawings)
7. Staircase railing shall be 900mm high

ARCHITECT

MORPHOGENESIS
41, Industrial Estate, Okhla Phase - III,
New Delhi 110020
TEL: 91 11 41828070
E Mail: studio@morphogenesis.org

CONSULTING STRUCTURAL ENGINEER

McNAMARA SALVIA
STRUCTURAL ENGINEERS
01 Gokhale Sanchit, 846, BMCC Rd,
Shivajinagar, Pune
mcsal.com

CONSULTING MEP

Design Centre Consulting Engineers Pvt. Ltd.
Registered Office:- C/265, First Floor, Pandav Nagar, Delhi-110092
Works Address:- Office No. 44 to 47, 4th Floor
Ansal Plaza Mall, Dabur Chowk Vaishali,
Ghaziabad, NCR Delhi, UP, Pin-201010,
Phone: +91 120 4331451/52
E-mail: dcce_pb@yahoo.com

OWNER'S SIGNATURE :

GODREJ PROPERTIES LTD.
Authorized Signator

ARCHITECT'S SIGNATURE :

KIRAN YADAV
CA/2010/49182

MEP CONSULTANT SIGNATURE :

PROJECT

Proposed building plan for group housing plot no. GH-01, Sector 39, Gurugram of area measuring 1.97 acres being developed by M/s Godrej Properties Ltd.

DRAWING NAME :

REFUGE FLOOR PLAN(17TH & 26TH FLOOR) & AREA DIAGRAM

DRAWING NO: S-10

SCALE	1:100
DATE	27.03.2025