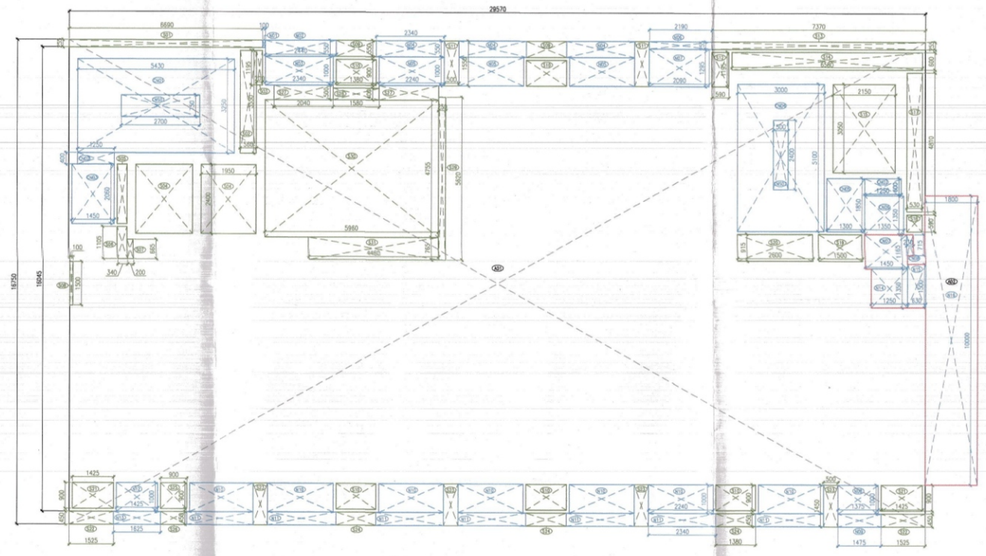


1 EWS- REFUGE FLOOR PLAN-21ST FLOOR
1:100



2 EWS- REFUGE FLOOR PLAN AREA DIAGRAM-21ST FLOOR
1:100

TO BE RE-INSTITUTED BY OFFICE
MEMO NO : 2864-7
DATED : 22-06-2026

EWS-SCHOOL SCHEDULE				
DOORS				
ROUGH OPENINGS (MASONRY)				
Type	Width	Height	Lintel	Sill
D01	2000	2300	2300	0
D02	1000	2300	2300	0
D02a	1000	1750	1750	0
D03	1000	2300	2300	0
D04	600	2150	2300	150
D05	750	2200	2200	0
D06	1000	2200	2200	0
D06a	1000	2000	2200	200
D07	1125	2150	2300	150
D08	600	2150	2300	150
D09	1000	2300	2300	0

FIRE DOORS					
ROUGH OPENINGS (MASONRY)					
Type	Width	Height	Lintel	Sill	F. Rating
FD01	1250	2300	2300	0	2HR
FD01a	1250	2200	2200	0	2HR
FD01b	1250	1750	2200	0	2HR
FD01c	1250	1900	2200	0	2HR
FD02	1000	2300	2300	0	2HR
FD03	900	2150	2300	150	2HR
FD03a	900	1600	1750	150	2HR
FD03b	900	2050	2200	150	2HR
FD04	900	2150	2300	150	2HR
FD04a	900	2050	2200	150	2HR
FD05	1200	2000	2000	0	2HR
FD06	2500	2150	2300	150	2HR
FD06a	2500	2050	2200	150	2HR

DOOR WINDOW				
ROUGH OPENINGS (MASONRY)				
Type	Width (D+W)	Height (D/W)	Lintel	Window Sill
DW01	800 + 450	2200 / 950	2200	1250
DW02	800 + 405	2200 / 950	2200	1250
DW03	800 + 290	2200 / 950	2200	1250

WINDOW				
ROUGH OPENINGS (MASONRY)				
Type	Width	Height	Lintel	Sill
W01	1800	1300	1000	2300
W02	1780	1300	1000	2300
W03	1100	1300	1000	2300
W04	560	550	1650	2200
W05	1630	1300	1000	2300
W06	900	1300	1000	2300
W07	450	550	1650	2200

PLUMBING LEGEND:-		
S.NO.	DESCRIPTION	SYMBOL
1.	110 OD VERTICAL SOIL PIPE	①
2.	110 OD VERTICAL WASTE PIPE	②
3.	110 OD ANTISYPHONIC PIPE	③
4.	160 OD VERTICAL SOIL PIPE	①-③
5.	160 OD VERTICAL WASTE PIPE	②-③
6.	DOMESTIC WATER SUPPLY DOWN TAKE PIPE	④
7.	FLUSHING WATER SUPPLY DOWN TAKE PIPE	⑤
8.	90 OD BALCONY DRAIN PIPE	⑥
9.	160 OD RAIN WATER PIPE	⑦
10.	DOMESTIC WATER SUPPLY RISER PIPE	⑧
11.	FLUSHING WATER SUPPLY RISER PIPE	⑨
12.	100ø DRAIN PIPE SERVICE FLOOR P. ROOM	⑩
11.	FLOOR TRAP	FT
12.	FLOOR DRAIN	FD
13.	ACCESS DOOR	AD
14.	KHURRA	KH
15.	STORM WATER MANHLOE	SW
16.	SEWERAGE MANHLOE	SW
17.	GULLY TRAP	GT

SCHEDULE OF FLOOR CUTOUTS

S.NO.	DESCRIPTION	SIZE OF CUTOUT
1.	CUTOUT FOR WATER CLOSET OUTLET PIPE	150X150mm ☒
2.	CUTOUT FOR FLOOR TRAP OUTLET PIPE	150X150mm ☒
3.	CUTOUT FOR FLOOR DRAIN OUTLET PIPE	150X150mm ☒
4.	CUTOUT FOR WASH BASIN DRAIN PIPE	75X75mm ▪

PIPE SCHEDULE

DESCRIPTION	SIZE
PIPE DIA FROM FT TO VERTICAL STACK	110 OD uPVC
PIPE DIA FROM WC TO VERTICAL STACK	110 OD uPVC
PIPE DIA FROM FD TO FT	63 OD uPVC
PIPE DIA FROM WB TO FT	40 OD uPVC
PIPE DIA FROM KITCHEN SINK TO FT	50 OD uPVC

PLUMBING LEGEND:-		
S.NO.	DESCRIPTION	SYMBOL
1.	110 OD VERTICAL SOIL PIPE	①
2.	110 OD VERTICAL WASTE PIPE	②
3.	110 OD ANTISYPHONIC PIPE	③
4.	160 OD VERTICAL SOIL PIPE	①-③
5.	160 OD VERTICAL WASTE PIPE	②-③
6.	DOMESTIC WATER SUPPLY DOWN TAKE PIPE	④
7.	FLUSHING WATER SUPPLY DOWN TAKE PIPE	⑤
8.	90 OD BALCONY DRAIN PIPE	⑥
9.	160 OD RAIN WATER PIPE	⑦
10.	DOMESTIC WATER SUPPLY RISER PIPE	⑧
11.	FLUSHING WATER SUPPLY RISER PIPE	⑨
12.	100ø DRAIN PIPE SERVICE FLOOR P. ROOM	⑩
11.	FLOOR TRAP	FT
12.	FLOOR DRAIN	FD
13.	ACCESS DOOR	AD
14.	KHURRA	KH
15.	COLD WATER SUPPLY PIPE	
16.	FLUSHING WATER SUPPLY PIPE	
17.	VALVE	

EWS - REFUGE FLOOR FAR AREA						
Additions						
Description		Length (mm)	Breadth (mm)	Area (sqm)	No. of repetitions	Total Area (sqm)
Area of rectangle	A01	29570	16750	495.30	1	495.298
Area of rectangle	A02	1800	10000	18.00	1	18.000
Total of all Additions 'A'						513.298
Deductions						
Description		Length (mm)	Breadth (mm)	Area (sqm)	No. of figures	Total Area (sqm)
Area of rectangle	S01	6690	255	1.71	1	1.706
Area of rectangle	S02	560	3550	1.99	1	1.988
Area of rectangle	S03	200	1195	0.24	1	0.239
Area of rectangle	S04	1950	2400	4.68	2	9.360
Area of rectangle	S05	340	2060	0.70	1	0.700
Area of rectangle	S06	340	1185	0.38	1	0.376
Area of rectangle	S07	200	665	0.13	1	0.133
Area of rectangle	S08	100	1500	0.15	1	0.150
Area of rectangle	S09	1380	550	0.76	2	1.518
Area of rectangle	S10	1380	900	1.24	5	6.210
Area of rectangle	S11	500	1550	0.78	2	1.550
Area of rectangle	S12	590	1195	0.71	1	0.705
Area of rectangle	S13	7370	255	1.88	1	1.879
Area of rectangle	S14	6580	600	3.95	1	3.948
Area of rectangle	S15	2150	3050	6.56	1	6.558
Area of rectangle	S17	530	4810	2.55	1	2.549
Area of rectangle	S18	530	590	0.31	1	0.313
Area of rectangle	S19	1500	915	1.37	1	1.373
Area of rectangle	S20	2600	915	2.38	1	2.379
Area of rectangle	S21	1425	900	1.28	2	2.565
Area of rectangle	S22	1525	450	0.69	2	1.373
Area of rectangle	S23	500	1450	0.73	4	2.900
Area of rectangle	S24	1380	450	0.62	3	1.863
Area of rectangle	S25	900	900	0.81	1	0.810
Area of rectangle	S26	900	450	0.41	1	0.405
Area of rectangle	S27	2040	500	1.02	2	2.040
Area of rectangle	S28	1580	400	0.63	1	0.632
Area of rectangle	S29	250	5620	1.41	1	1.405
Area of rectangle	S30	5960	4755	28.34	1	28.340
Area of rectangle	S31	4460	765	3.41	1	3.412
Total of all Deductions 'B'						89.375
TOTAL FAR AREA= A-B						423.920
EWS - REFUGE FLOOR NON FAR AREA						
Additions						
Description		Length (mm)	Breadth (mm)	Area (sqm)	No. of figures	Total Area (sqm)
Area of rectangle	CN01	5430	3250	17.65	1	17.648
Area of rectangle	CN02	1250	400	0.50	1	0.500
Area of rectangle	CN03	1450	2060	2.99	1	2.987
Area of rectangle	CN04	3000	5100	15.30	1	15.300
Area of rectangle	CN05	1300	1850	2.41	1	2.405
Area of rectangle	CN06	1350	1350	1.82	1	1.823
Area of rectangle	CN07	1250	600	0.75	1	0.750
Area of rectangle	N01	100	255	0.03	1	0.026
Area of rectangle	N02	2440	550	1.34	1	1.342
Area of rectangle	N03	2340	1000	2.34	1	2.340
Area of rectangle	N04	2340	550	1.29	3	3.861
Area of rectangle	N05	2240	1000	2.24	3	6.720
Area of rectangle	N06	2190	255	0.56	1	0.558
Area of rectangle	N07	2090	1295	2.71	1	2.707
Area of rectangle	N08	1375	1000	1.38	1	1.375
Area of rectangle	N09	1475	450	0.66	1	0.664
Area of rectangle	N10	2240	1000	2.24	7	15.680
Area of rectangle	N11	2340	450	1.05	7	7.371
Area of rectangle	N12	1425	1000	1.43	1	1.425
Area of rectangle	N13	1625	450	0.73	1	0.731
Total of all Additions 'C'						86.212
Deductions						
Description		Length (mm)	Breadth (mm)	Area (sqm)	No. of figures	Total Area (sqm)
Area of rectangle	CNS01	2700	750	2.03	1	2.025
Area of rectangle	CNS02	500	2400	1.20	1	1.200
Total of all Deductions 'D'						3.225
TOTAL NON FAR AREA= C-D						82.987
REFUGE AREA						
Additions						
Description		Length (mm)	Breadth (mm)	Area (sqm)	No. of figures	Total Area (sqm)
Area of rectangle	CN07	1450	1165	1.69	1	1.689
Area of rectangle	CN08	230	715	0.16	1	0.164
Area of rectangle	N14	1250	1350	1.69	1	1.688
Area of rectangle	N15	630	1500	0.95	1	0.945
Area of rectangle	N16	1800	10000	18.00	1	18.000
Total of all Additions 'E'						22.486
Refuge Area Required 'F'						17.900
Refuge Area in FAR 'G'						4.586
NET NON FAR AREA= TOTAL NON FAR AREA + F						100.887

SUBMISSION DRAWINGS
FOR APPROVAL AND STAMPING

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

S.T.P.(HQ) Member Secretary BPAC — S.T.P.(G) Member BPAC — CTP(HR) Chairman BPAC — DTP(HQ) — ATP(HQ) — AD — JD. — P.A. — A.T.P — Rajesh Dutt SD(HQ) — JD MEMBER BPAC

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 eternal walls are 200mm and all internal walls are 100mm thick. (Valid for all drawings)

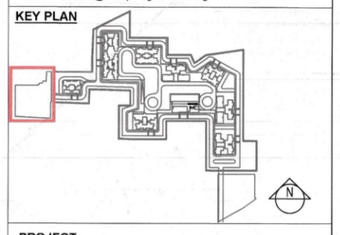
ARCHITECT
MORPHOGENESIS
41, Industrial Estate, Okhla Phase - III,
New Delhi 110020
TEL: 91 11 41828070
E Mail: studio@morphogenesis.org

CONSULTING STRUCTURAL ENGINEER
WHITBY WOOD
WHITBY WOOD PRITAMDASANI
Unit 1101, Lodha Supremus, Saki Vihar Road, Powai, Andheri (East), Mumbai - 400072, India
T +91 9820 186879
m.pritamdasani@whitbywood.com

CONSULTING MEP
PROION
Proion Consultants
Proion Consultants Private Limited
Address : 82, Sukhdev Vihar, New Delhi - 110025, India.
Telephone : 011-2632 4400
E-Mail : info@proion.net
Web : www.proion.net

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

KEY PLAN



PROJECT
Revised / Proposed building plan for Mixed Land Use Colony (95% Residential and 5% Commercial) under TOD policy over an area measuring 14.20625 acres in the revenue estate of village Hayatpur Sector-89, Gurugram being developed by Godrej Properties Ltd.
(Lic No151 of 2023 Dated 20-07-2023)

DEVELOPER
Godrej Properties Ltd.
Unit No. 02, 7th Floor, Godrej One, Pirojshanagar, Vikroli East, Mumbai - 400 079.
PROPERTIES

DEVELOPER'S SIGNATURE :

AUTHORIZED SIGNATORY

ARCHITECT'S SIGNATURE :

Checked and found ok for Public Health Services (Internal) Services only subject to comments in forwarding letter No. 3661576 dt. 28/11/2025
Superintending Engineer for Chief Engineer-I HSVP, Panchkula

DRAWING NAME
SCHOOL & EWS
REFUGE FLOOR PLAN-21ST FLOOR
REFUGE FLOOR AREA DIAGRAM

S-62
DRAWING NO.

SCALE	1:100
DATE	05.11.2025