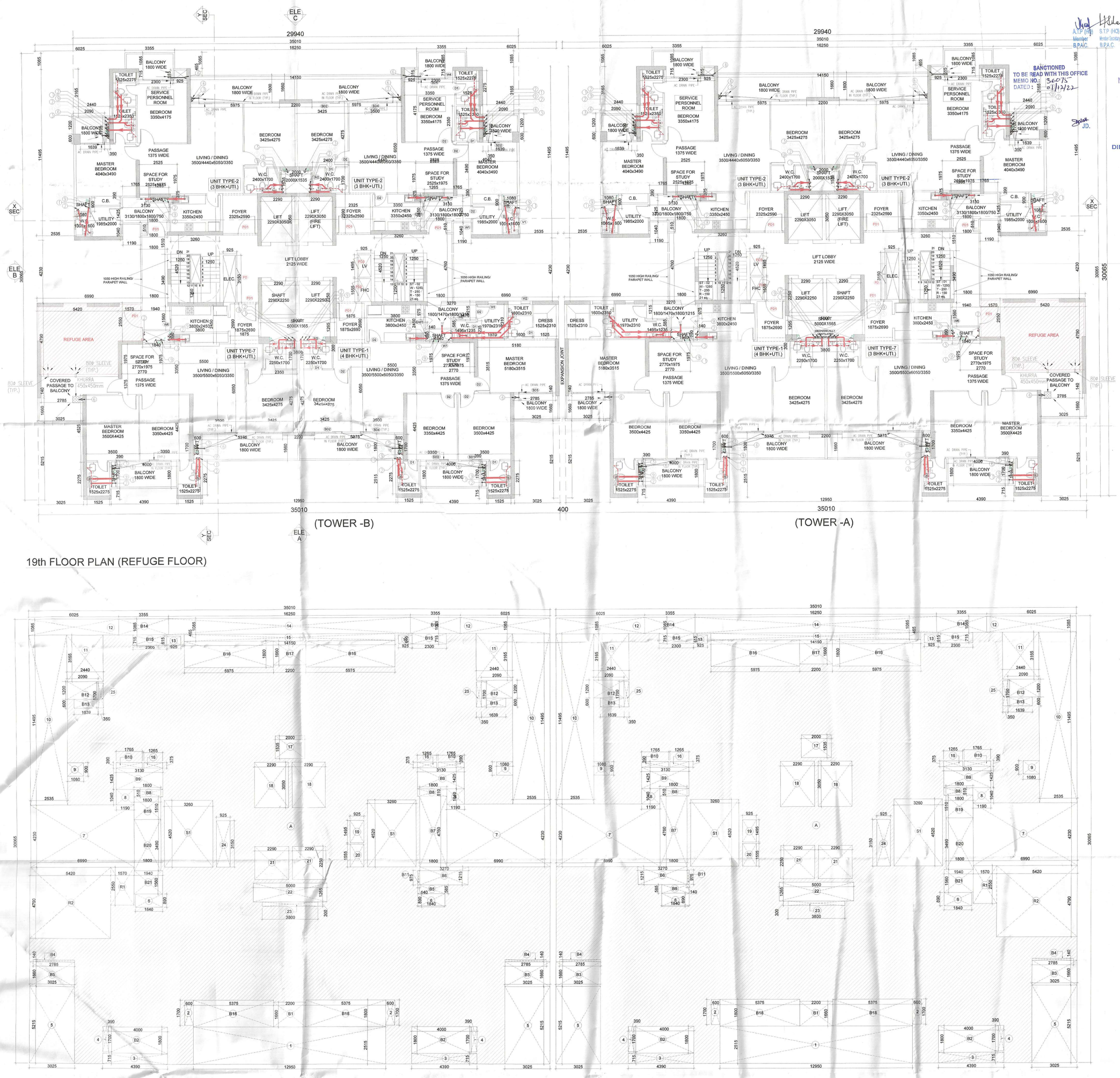


19th FLOOR PLAN (REFUGE FLOOR)

19th FLOOR AREA PLAN (REFUGE FLOOR)

UNITS CONFIGURATION

2 NOS. UNIT TYPE-1 (4 BHK) +
4 NOS. UNIT TYPE-2 (3 BHK) +
2 NOS. UNIT TYPE-7 (3 BHK) +
2 NOS. REFUGE AREA-1 +
2 NOS. CIRCULATION CORE

SANCTIONED TO BE READ WITH THIS OFFICE MEMO NO.:- 36075 DATED:- 01/12/22

A.T.P. (HQ) Member B.P.A.C. | S.T.P. (HQ) Member Secretary B.P.A.C. | S.T.P. (G) Member Secretary B.P.A.C.

DIRECTOR (T) MEMBER BPAC

A.T.P.

DINESH KUMAR PA(HQ)

Building Plans have been checked and found in order as per Public Health Services point of view.

Executive Engineer-V, Sew, Division, GMDA, Gurugram

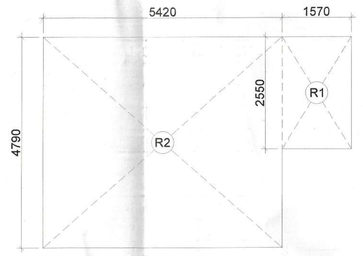
Executive Engineer-III Drainage Division, GMDA, Gurugram

Executive Engineer-IV Infr...1, Gurugram Metropolitan Development Authority Gurugram

Chief Engineer, (Infra-II), GMDA Gurugram

Executive Engineer (P), GMDA Nodal officer for reports to TCP Deptt.

AREA CALCULATION FOR 19TH FLOOR - REFUGE							
FAR AREA							
S.NO.	**NOS.**	**FORMULA**	**LENGTH (L)**	**WIDTH (W)**	**WIDTH (W')**	**AREA**	**UNITS**
A	2	L X W	35.010	30.065		2105.151	SQM.
				TOTAL (A) =		**2105.151**	**SQM.**
BALCONY							
B1	2	L X W	2.200	1.660		7.304	SQM.
B2	4	L X W	4.000	1.800		28.800	SQM.
B3	4	L X W	3.025	1.660		20.086	SQM.
B4	4	L X W	2.785	0.140		1.560	SQM.
B5	2	L X W	1.840	0.585		2.153	SQM.
B6	2	L X W	3.270	1.215		7.946	SQM.
B7	2	L X W	1.800	4.760		17.136	SQM.
B8	4	L X W	1.800	0.510		3.672	SQM.
B9	4	L X W	3.130	1.425		17.841	SQM.
B10	4	L X W	1.765	0.390		0.471	SQM.
B11	2	L X W	0.140	0.975		0.273	SQM.
B12	4	L X W	2.090	1.200		10.032	SQM.
B13	4	L X W	1.639	0.600		3.934	SQM.
B14	4	L X W	3.355	1.085		14.561	SQM.
B15	4	L X W	2.300	0.715		6.578	SQM.
B16	4	L X W	5.975	1.800		43.020	SQM.
B17	2	L X W	2.200	1.660		7.304	SQM.
B18	4	L X W	5.375	1.800		38.700	SQM.
B19	2	L X W	1.800	1.510		5.436	SQM.
B20	2	L X W	1.800	3.490		12.564	SQM.
B21	2	L X W	1.940	1.560		6.053	SQM.
				TOTAL (B) =		**255.423**	**SQM.**
CUT OUT / DEDUCTION AREA							
1	2	L X W	12.950	2.515		65.139	SQM.
2	4	L X W	0.600	1.700		4.080	SQM.
3	4	L X W	4.390	0.715		12.555	SQM.
4	4	L X W	0.390	1.700		2.652	SQM.
5	4	L X W	3.025	5.215		63.102	SQM.
6	4	L X W	1.840	0.890		6.550	SQM.
7	4	L X W	6.990	4.230		118.271	SQM.
8	4	L X W	1.190	1.040		4.950	SQM.
9	4	L X W	1.080	0.900		3.888	SQM.
10	4	L X W	2.535	11.495		116.559	SQM.
11	4	L X W	2.440	3.165		30.890	SQM.
12	4	L X W	6.025	1.085		26.149	SQM.
13	4	L X W	0.925	0.615		2.276	SQM.
14	2	L X W	16.250	1.085		35.263	SQM.
15	2	L X W	14.150	0.465		13.160	SQM.
16	4	L X W	1.265	0.375		1.898	SQM.
17	2	L X W	2.000	1.535		6.140	SQM.
18	4	L X W	2.290	3.050		27.938	SQM.
19	2	L X W	0.925	1.495		2.766	SQM.
20	2	L X W	0.925	1.555		2.877	SQM.
21	4	L X W	2.290	2.250		20.610	SQM.
22	2	L X W	5.000	1.265		12.650	SQM.
23	2	L X W	3.800	0.300		2.280	SQM.
24	2	L X W	0.925	3.150		5.828	SQM.
25	4	L X W	0.350	1.700		2.380	SQM.
				TOTAL (C) =		**590.848**	**SQM.**
REFUGE							
R1	2	L X W	1.570	2.550		8.007	SQM.
R2	2	L X W	5.420	4.790		51.924	SQM.
				TOTAL (E) =		**59.931**	**SQM.**
NON FAR AREA							
S1	4	L X W	3.26	4.52		58.941	SQM.
				TOTAL (D) =		**58.941**	**SQM.**
TOTAL TOWER FAR AREA (A-(B+C+D+(F-)E)						**1140.01**	**SQM.**
REFUGE UNDER FAR						**2.897**	**SQM.**
TOTAL FAR AREA						**1142.906**	**SQM.**
TOTAL COVERED AREA = (A-(B+C)						**1258.881**	**SQM.**
TOTAL BUILT UP AREA (A-C)						**1514.303**	**SQM.**



REFUGE AREA DIAGRAM

REFUGE AREA CALCULATION							
REFUGE AREA							
S.NO.	**NOS.**	**FORMULA**	**LENGTH (A)**	**WIDTH (B)**	**WIDTH (C)**	**AREA**	**UNITS**
R1	1	A X B	1.570	2.550		4.004	SQM.
R2	1	A X B	5.420	4.790		25.962	SQM.
				TOTAL COVERED AREA		**29.965**	**SQM.**

01. REFUGE AREA REQUIRED ON 19th FLOOR (ON THE BASIS OF FLOOR AREA)
= AREA OF 2 CONSECUTIVE FLOOR / 12.5 SQM X 0.3SQM / PERSON + 0.95QM
= (1198.886 + 1140.1) / 12.5 X 0.3 + 0.9
= 2338.98/ 12.5 X 0.3 + 0.9
= 187.11 X 0.3 + 0.9
= 56.13+ 0.9 = 57.03 SQM
REFUGE AREA REQUIRED = F=57.03 SQM
REFUGE AREA PROVIDED = 29.965 X 2 = 59.93 SQM

DOOR WINDOW OPENING SCHEDULE

	ROUGH OPENING FROM FINISH LVL				
TYPE	WIDTH	HEIGHT	CILL	LINTEL	FIRE RATING
D1	750	2150	00	2150	
D2	900	2400	00	2450	
FD3a	1000	2450	00	2450	1 HR. FIRE RATING DOOR
D4	1250	2450	00	2450	
DW1	1250	2400/1550	00/900	2450	
DW2	4230	2450	00	2450	
DW3	4690	2450	00	2450	
GL1	6070	2450	00	2450	
GL1a	4890	2850	00	2850	
GL1b	1640	2850	00	2850	
SD	600	2450	00	2450	
SD1	1455	2450	00	2450	
SD2	1600	2450	00	2450	
SD3	1800	2450	00	2450	
SD4	2300	2450	00	2450	
SD5	2135	2450	00	2450	
W1	600	1550	900	2450	
W2	600	1250	1200	2450	
W2 EXH. FAN	550	1250	1200	2450	
W4 EXH. FAN	475	1250	1200	2450	
W3	600/450	1550	900	2450	
W4	2100	1550	900	2450	
W5	1400	1550	900	2450	
W6	600	1250	1200	2450	
V1	600	650	1800	2450	
FD1 (FIRE DOOR)	1800	2050	100	2150	2 HRS. FIRE RATING DOOR
FD1a (FIRE DOOR)	1250	2450	00	2450	1HR. FIRE RATING DOOR
FD1b (FIRE DOOR)	1250	2050	100	2150	2 HRS. FIRE RATING DOOR
FD2 (FIRE DOOR)	1200	2050	100	2150	2 HRS. FIRE RATING DOOR
FD3 (FIRE DOOR)	750	2050	100	2150	2 HRS. FIRE RATING DOOR

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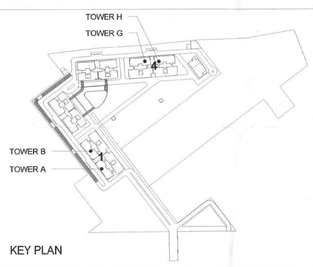
NO. OF PRINTS	DATE	ISSUED TO	REMARKS

REVISION	DATE	DESCRIPTION	BY

GENERAL NOTES

1. All dimensions are in mm unless mentioned otherwise
2. No dimensions are to be scaled from this drawing.
3. All W.C. are mechanically ventilated through shaft.

PLUMBING LEGEND:-	
1	110ø SOIL PIPE
2	110ø WASTE PIPE
3	110ø RAIN WATER PIPE
4	DWS DN TAKE PIPE
4A	DWS FROM BOOSTER PUMP FOR TOP TWO FLOOR
5	FWS DN TAKE PIPE
6	110ø BALCONY DRAIN PIPE
7	Ø DMOMESTIC WATER SUPPLY RISER
8	Ø FLUSHING WATER SUPPLY RISER
9	75ø ANTISYPHONAGE PIPE
WB TO FT	40ø WASTE PIPE
SINK TO FT	50ø WASTE PIPE
FD	FLOOR DRAIN WITH GRATING
FT	FLOOR TRAP WITH GRATING
MT	MULTI TRAP WITH GRATING
BD	BALCONY DRAIN WITH GRATING
DWS	DOMESTIC WATER SUPPLY PIPE
FWS	FLUSHING WATER SUPPLY PIPE
DWS	DWS PIPE THROUGH BOOSTER PUMP
GEYSER	TOILET GEYSER 25LTR
GEYSER	KITCHEN GEYSER 6LTR
BPH	BOOSTER PUMP SET FOR TOP TWO FLOOR
	CATCH BASIN 1100x500mm



KEY PLAN

SUBMISSION DRAWINGS

CLIENT :
NOURISH DEVELOPERS PVT. LTD.

OWNER'S SIGN.

Nourish Developers Private Limited
Authorised Signatory

ARCHITECT'S SIGN.

COUNCIL OF ARCHITECTURE Regd. No. CA/1977/100

PROJECT :
BUILDING PLAN FOR RESIDENTIAL COLONY UNDER TDP POLICY ON THE AREA MEASURING 10.30 ACRES (AFTER FREEZING OF AN AREA MEASURING 5.8125 ACRES (46K-10M) FALLING UNDER NCZ AND NON COMPACT POCKET DUE TO NCZ) (LICENCE NO. 106 OF 2022, DATED 5/8/2022 AT SECTOR-113 DISTRICT GURUGRAM, HARYANA BEING DEVELOPED BY NOURISH DEVELOPERS PVT. LTD

DRAWING TITLE
TOWER A AND TOWER B
19th (REFUGE) FLOOR PLAN & AREA DIAGRAM

TOWER G & TOWER H IS SIMILAR BUT MIRRORED

DATE	CHECKED BY	APPROVED BY
SEP. 2022	DEEPAK AGARWAL	
SCALE	DEALT BY	
1:100	SHANKY GARG	DEEPAK AGARWAL

ARCHITECTS:-
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EMAIL:-cpka@cpkukreja.com

DRAWING NO.	DRG. NO.
21020/SWD-113/SUB./LATEST/BLOCK-01&04/A-FP19	28
CAD NO.	