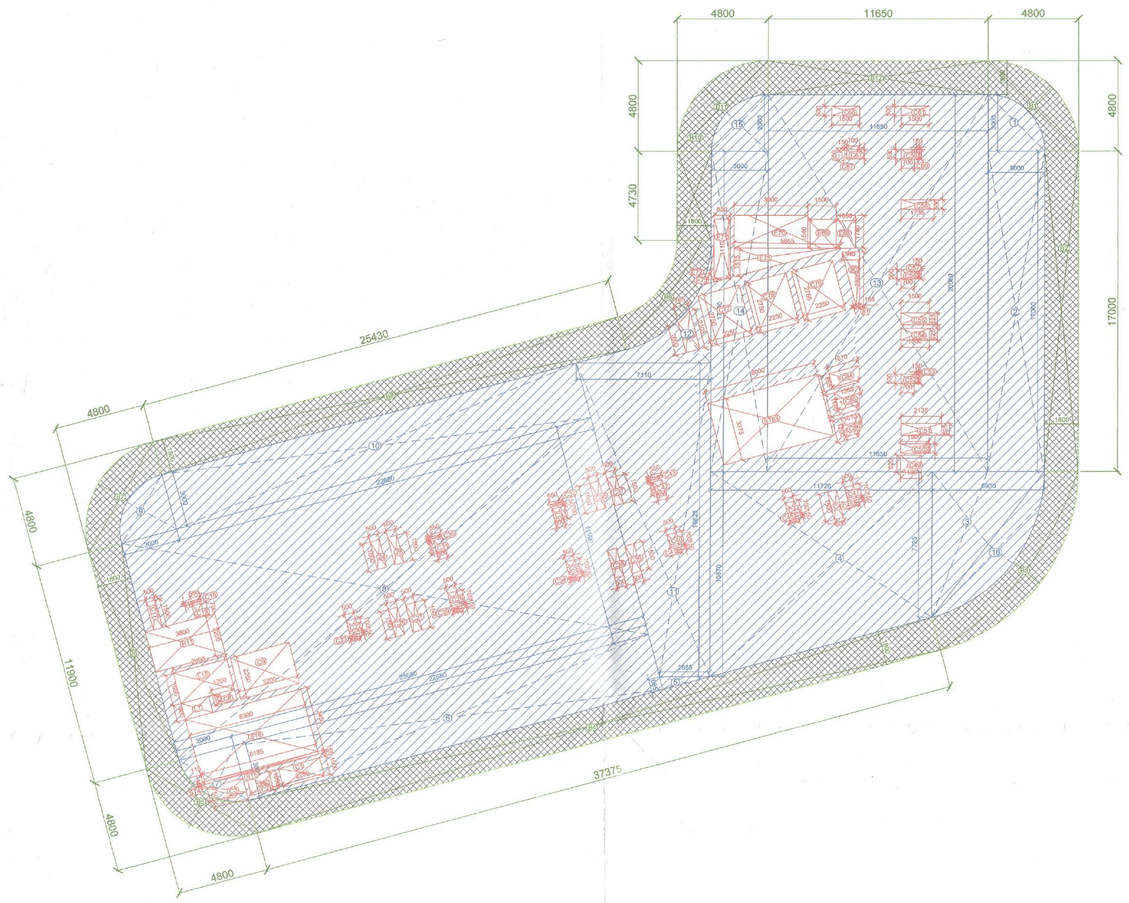
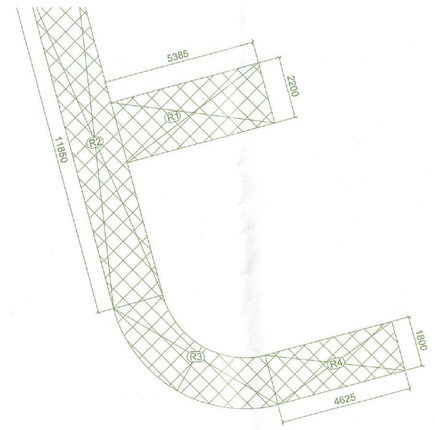


1. 17TH,21TH,25TH FLOOR AREA DIAGRAM
SCALE-1:150



3. REFUGE AREA DIAGRAM
SCALE-1:100

Refuge Area Addition (R)													
	Shape	Formula	Length		Width		Additional		Unit		Area	Units
R1	Rectangle	LxW	3.800	x	2.200	x	-	x	1	=	8.360	sqm
R2	Rectangle	LxW	11.850	x	1.800	x	-	x	1	=	21.330	sqm
R3	Arc Segment			x	-	x		x	1	=	11.027	sqm
R4	Rectangle	LxW	4.625	x	1.800	x	-	x	1	=	8.325	sqm
Total AREA (R)										=	49.042	sqm

REFUGE AREA CALCULATION (17TH,21ST & 25TH)

S.NO.			
1.	F.A.R. AREA AT SINGLE FLOOR	901.293	SQM
2.	AREA OF 2 CONSECUTIVE FLOORS	1,802.586	SQM
3.	OCCUPANT LOAD @12.5 AS PER TABLE NO. 4.3 NBC	144.206	
4.	AREA REQUIRED PER PERSON FOR REFUGE AREA	0.300	SQM.
5.	AREA REQUIRED FOR REFUGE TERRACE	43.261	SQM
6.	ADDITIONAL AREA REQUIRED FOR WHEELCHAIR	0.900	SQM
7.	TOTAL AREA REQUIRED FOR REFUGE	44.161	SQM
8.	REFUGE TERRACE PROPOSED	49.042	SQM

GLAZING SCHEDULE

S.No.	GLAZING TYPE	SIZE	SILL	LINTEL
1	SWT3.1	7305x3075	-	3075
2	SWT3.2	5660x3075	-	3075
3	SWT3.3	5550x3075	-	3075
4	SWT3.4	5550x3075	-	3075
5	SWT3.5	5550x3075	-	3075
6	SWT3.6	8790x3075	-	3075
7				
8	SWT3.8	5525x3075	-	3075
9	SWT3.9	5550x3075	-	3075
10	SWT3.10	5550x3075	-	3075
11	SWT3.11	5550x3075	-	3075
12	SWT3.12	5550x3075	-	3075
13	SWT3.13	5890x3075	-	3075
14	SWT3.14	3225x3075	-	3075
15	SWT3.15	4145x3075	-	3075
16	SWT3.16	5805x3075	-	3075
17	SWT3.17	5800x3075	-	3075
18	SWT3.18	7590x3075	-	3075
19	SWT3.19	2200x3075	-	3075

LEGEND FOR PLUMBING:-

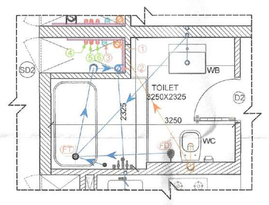
1	110 OD SWR SOIL & VENT PIPE
2	110 OD SWR WASTE & VENT PIPE
3	90 OD SWR ANTI-SYPHONAGE PIPE
4	DOMESTIC WATER SUPPLY DN. TAKE PIPE 25th TO 23th FLOOR
5	DOMESTIC WATER SUPPLY DN. TAKE PIPE 22th TO GROUND FLOOR
6	FLUSHING WATER SUPPLY DN. TAKE PIPE 25th TO 16th FLOOR
7	DOMESTIC WATER SUPPLY RISER TO O.H.T. FILLING
8	FLUSHING WATER SUPPLY RISER TO O.H.T. FILLING
9	SOFT WATER SUPPLY RISER TO O.H.T. FILLING
10	110 OD uPVC RAIN WATER PIPE FOR BALCONY
11	160 OD uPVC RAIN WATER PIPE FOR TERRACE
12	160 OD SWR SOIL & VENT PIPE
13	160 OD SWR WASTE & VENT PIPE
14	200 OD uPVC RAIN WATER PIPE

DOOR SCHEDULE

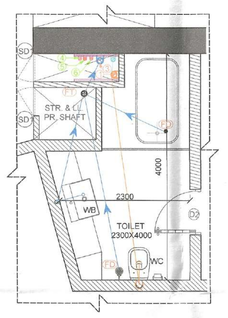
S.NO.	DOOR TYPE	DOOR TYPE	SILL	LINTEL
1.	FD1	2000X2400	-------	2400
2.	FDS	1500X2400	-------	2400
3.	FD2	1200X2400	-------	2400
4.	D3	1050X2400	-------	2400
5.	D4	800X2400	-------	2400
6.	SD1	500X2100	-------	2100
7.	SD2	625X2100	-------	2100
8.	SD3	550X2100	-------	2100
9.	SD4	950X2100	-------	2100
10.				

2. 17TH FLOOR (LVL+71850),21TH FLOOR(LVL+87450),25TH FLOOR (LVL+103050)
SCALE-1:150

Note: Minimum Lift car size would be 2.35 sq.mt.



3. TOILET TYPE 1
SCALE-1:50



4. TOILET TYPE 2
SCALE-1:50

SANCTIONED
TO BE READ WITH THIS OFFICE
MEMO NO.: 14411
DATED: 22/04/2025

AREA STATEMENT												
'REFUGE FLOOR' - TYPE 3 (17th,21th & 25th Floor)												
Addition (A)												
	Shape	Formula	Length		Width		Additional		Unit		Area	Units
1	Quarter Circle	1/4(3.141xr^2)	3.000	x	3.000	x	3.141	x	0.25	=	7.067	sqm
2	Rectangle	LxW	17.000	x	3.000	x	-	x	1	=	51.000	sqm
3	Triangle	1/2(LxW)	7.725	x	5.930	x	-	x	0.5	=	22.905	sqm
4	Trapezium	(L1+L2)xW/2	7.725	x	10.870	x	11.72	x	1	=	108.987	sqm
5	Triangle	1/2(LxW)	2.655	x	0.685	x	-	x	0.5	=	0.909	sqm
6	Rectangle	LxW	22.680	x	3.000	x	-	x	1	=	68.040	sqm
7	Quarter Circle	1/4(3.141xr^2)	3.000	x	3.000	x	3.141	x	0.25	=	7.067	sqm
8	Rectangle	LxW	25.680	x	11.900	x	-	x	1	=	305.592	sqm
9	Quarter Circle	1/4(3.141xr^2)	3.000	x	3.000	x	3.141	x	0.25	=	7.067	sqm
10	Rectangle	LxW	22.680	x	3.000	x	-	x	1	=	68.040	sqm
11	Trapezium	(L1+L2)xW/2	2.655	x	7.110	x	16.625	x	1	=	81.172	sqm
12	Convex Triangle	-		x		x	-	x	1	=	6.145	sqm
13	Rectangle	LxW	20.000	x	11.650	x	-	x	1	=	233.000	sqm
14	Rectangle	LxW	17.000	x	3.000	x	-	x	1	=	51.000	sqm
15	Quarter Circle	1/4(3.141xr^2)	3.000	x	3.000	x	3.141	x	0.25	=	7.067	sqm
16	Arc Segment	-	-	x	-	x	-	x	1	=	10.978	sqm
Total AREA (A)										=	1038.016	sqm

Deductions (C)												
	Shape	Formula	Length		Width		Additional		Unit		Area	Units
C1	Rectangle	LxW	2.250	x	1.000	x	-	x	1	=	2.250	sqm
C2	Rectangle	LxW	1.550	x	1.000	x	-	x	1	=	1.550	sqm
C3	Concave Triangle	-	-	x	-	x	-	x	1	=	0.933	sqm
ST4	Triangle	1/2(LxW)	0.155	x	0.115	x	-	x	0.5	=	0.009	sqm
ST5	Rectangle	LxW	6.186	x	0.153	x	-	x	1	=	0.949	sqm
ST6	Rectangle	LxW	6.300	x	3.450	x	-	x	1	=	21.735	sqm
L7	Rectangle	LxW	1.500	x	0.900	x	-	x	1	=	1.350	sqm
C8	Rectangle	LxW	1.200	x	0.600	x	-	x	1	=	0.720	sqm
C9	Rectangle	LxW	3.200	x	2.250	x	-	x	1	=	7.200	sqm
L10	Rectangle	LxW	2.900	x	1.650	x	-	x	1	=	4.785	sqm
R11	Rectangle	LxW	3.800	x	2.200	x	-	x	1	=	8.360	sqm
C17	Rectangle	LxW	1.500	x	0.500	x	-	x	1	=	0.750	sqm
C18	Rectangle	LxW	0.550	x	0.150	x	-	x	1	=	0.083	sqm
C19	Rectangle	LxW	0.700	x	0.500	x	-	x	1	=	0.350	sqm
C22	Rectangle	LxW	0.700	x	0.500	x	-	x	1	=	0.350	sqm
C23	Rectangle	LxW	0.550	x	0.150	x	-	x	1	=	0.083	sqm
C24	Rectangle	LxW	1.500	x	0.500	x	-	x	1	=	0.750	sqm
C25	Rectangle	LxW	1.500	x	0.500	x	-	x	1	=	0.750	sqm
C26	Rectangle	LxW	1.500	x	0.500	x	-	x	1	=	0.750	sqm
C27	Rectangle	LxW	1.500	x	0.500	x	-	x	1	=	0.750	sqm
C28	Rectangle	LxW	0.700	x	0.500	x	-	x	1	=	0.350	sqm
C29	Rectangle	LxW	0.550	x	0.150	x	-	x	1	=	0.083	sqm
C30	Rectangle	LxW	0.550	x	0.150	x	-	x	1	=	0.083	sqm
C31	Rectangle	LxW	0.700	x	0.500	x	-	x	1	=	0.350	sqm
C32	Rectangle	LxW	0.550	x	0.150	x	-	x	1	=	0.083	sqm
C33	Rectangle	LxW	0.700	x	0.500	x	-	x	1	=	0.350	sqm
C34	Rectangle	LxW	0.550	x	0.150	x	-	x	1	=	0.083	sqm
C35	Rectangle	LxW	0.700	x	0.500	x	-	x	1	=	0.350	sqm
C36	Rectangle	LxW	1.500	x	0.500	x	-	x	1	=	0.750	sqm
C37	Rectangle	LxW	1.500	x	0.500	x	-	x	1	=	0.750	sqm
C38	Rectangle	LxW	1.500	x	0.500	x	-	x	1	=	0.750	sqm
C39	Rectangle	LxW	1.500	x	0.500	x	-	x	1	=	0.750	sqm
C40	Rectangle	LxW	0.700	x	0.500	x	-	x	1	=	0.350	sqm
C41	Rectangle	LxW	0.550	x	0.150	x	-	x	1	=	0.083	sqm
C42	Rectangle	LxW	0.700	x	0.500	x	-	x	1	=	0.350	sqm
C43	Rectangle	LxW	0.550	x	0.150	x	-	x	1	=	0.083	sqm
C44	Rectangle	LxW	0.700	x	0.500	x	-	x	1	=	0.350	sqm
C45	Rectangle	LxW	0.550	x	0.150	x	-	x	1	=	0.083	sqm
C46	Rectangle	LxW	1.500	x	0.500	x	-	x	1	=	0.750	sqm
C47	Rectangle	LxW	0.700	x	0.500	x	-	x	1	=	0.350	sqm
C48	Rectangle	LxW	0.550	x	0.150	x	-	x	1	=	0.083	sqm
C49	Rectangle	LxW	1.100	x	0.920	x	-	x	1	=	1.012	sqm
C50	Rectangle	LxW	1.501	x	0.500	x	-	x	1	=	0.751	sqm
C51	Rectangle	LxW	2.136	x	0.625	x	-	x	1	=	1.335	sqm
C52	Rectangle	LxW	0.700	x	0.500	x	-	x	1	=	0.350	sqm
C53	Rectangle	LxW	0.550	x	0.150	x	-	x	1	=	0.083	sqm
C54	Rectangle	LxW	1.500	x	0.625	x	-	x	1	=	0.937	sqm
C55	Rectangle	LxW	1.500	x	0.625	x	-	x	1	=	0.938	sqm
C56	Rectangle	LxW	0.700	x	0.500	x	-	x	1	=	0.350	sqm
C57	Rectangle	LxW	0.550	x	0.150	x	-	x	1	=	0.083	sqm
C58	Rectangle	LxW	1.736	x	0.500	x	-	x	1	=	0.868	sqm
C59	Rectangle	LxW	0.700	x	0.500	x	-	x	1	=	0.350	sqm
C60	Rectangle	LxW	0.550	x	0.150	x	-	x	1	=	0.083	sqm
C61	Rectangle	LxW	1.500	x	0.500	x	-	x	1	=	0.750	sqm
C66	Rectangle	LxW	1.502	x	0.500	x	-	x	1	=	0.751	sqm
C67	Rectangle	LxW	0.700	x	0.550	x	-	x	1	=	0.385	sqm
C68	Rectangle	LxW	1.740	x	1.050	x	-	x	1	=	1.827	sqm
C69	Rectangle	LxW	1.540	x	1.500	x	-	x	1	=	2.311	sqm
C70	Rectangle	LxW	3.900	x	1.740	x	-	x	1	=	6.786	sqm
C71	Rectangle	LxW	3.110	x	0.850	x	-	x	1	=	2.644	sqm
C72	Convex Triangle	-	-	x	-	x	-	x	1	=	0.322	sqm
C73	Triangle	1/2(LxW)	0.850	x	0.230	x	-	x	0.5	=	0.098	sqm
C75	Triangle	1/2(LxW)	5.655	x	1.515	x	-	x	0.5	=	4.284	sqm
C76	Trapezium	(L1+L2)xW/2	2.100	x	1.600	x	0.765	x	1.0	=	1.415	sqm
C77	Rectangle	LxW	2.750	x	2.250	x	-	x	1	=	6.188	sqm
C78	Rectangle	LxW	2.750	x	2.250	x	-	x	1	=	6.188	sqm
C79	Rectangle	LxW	2.750	x	2.250	x	-	x	1	=	6.188	sqm
C80	Trapezium	(L1+L2)xW/2	0.165	x	0.945	x	2.895	x	1.0	=	1.607	sqm
C81	Triangle	1/2(LxW)	0.165	x	0.045	x	-	x	0.5	=	0.004	sqm
ST83	Rectangle	LxW	6.000	x	3.377	x	-	x	1	=	20.265	sqm
C84	Trapezium	(L1+L2)xW/2	1.435	x	1.670	x	0.565	x	1.0	=	1.343	sqm
C85	Trapezium	(L1+L2)xW/2	1.065	x	1.385	x	1.195	x	1.0	=	1.464	sqm
C86	Trapezium	(L1+L2)xW/2	0.685	x	1.010	x	1.200	x	1.0	=	1.017	sqm
C87	Rectangle	LxW	0.550	x	0.150	x	-	x	1	=	0.083	sqm
Total AREA (C)										=	134.723	sqm

Balcony Calculation (B)												
	Shape	Formula	Length		Width		Additional		Unit		Area	Units
B1	Arc Segment			x		x	-	x	1	=	11.065	sqm
B2	Rectangle	LxW	17.000	x	1.800	x	-	x	1	=	30.600	sqm
B3	Arc Segment	-	-	x		x	-	x	1	=	21.115	sqm
B4	Rectangle	LxW	37.375	x	1.800	x	-	x	1	=	67.275	sqm
B5	Arc Segment	-	-	x		x	-	x	1	=	11.016	sqm
B6	Rectangle	LxW	11.900	x	1.800	x	-	x	1	=	21.420	sqm
B7	Arc Segment	-	-	x		x	-	x	1	=	11.065	sqm
B8	Rectangle	LxW	25.430	x	1.800	x	-	x	1	=	45.774	sqm
B9	Arc Segment	-	-	x		x	-	x	1	=	11.065	sqm
B10	Rectangle	LxW	4.730	x	1.800	x	-	x	1	=	8.514	sqm
B11	Arc Segment	-	-	x		x	-	x	1	=	11.065	sqm
B12	Rectangle	LxW	11.650	x	1.800	x	-	x	1	=	20.970	sqm
Total AREA (B)										=	270.944	sqm

'REFUGE FLOOR' - TYPE 3 (17th,21st & 25th Floor) AREA SUMMARY			
Proposed REFUGE FLOOR' - TYPE 3 (17th,21st & 25th Floor) FAR AREA (A-C)	=	901.293	sqm
Proposed REFUGE FLOOR' - TYPE 3 (17th,21st & 25th Floor) BALCONY AREA (B)	=	270.944	sqm
Proposed (17th,21st & 25th Floor) NON-FAR BUILT UP AREA STAIRCASE AREA+LIFT LOBBY+ELECTRICAL ROOM+REFUGE (E)	=	75.726	sqm
Proposed REFUGE FLOOR' - TYPE 3 (17th,21st & 25th Floor) BUILTUP AREA (D)	=	1247.964	sqm

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

DTP(HQ) — JD. — PA. — A.TP — ATP(HQ)

Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No. 11.469.....Dt/..10/1/25

Superintending Engineer (HQ) for Chief Engineer, HSVP, Panchkula

DTP (I) MEMBER BPAC

Ram Avtar Bansi JD(HQ)

Note :-

1. BUILDING HAS AUTOMATIC SPRINKLER SYSTEM WHEREVER REQUIRED BY NBC.

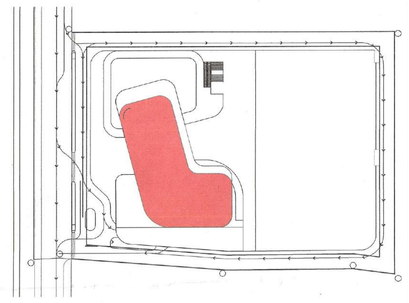
2. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVANT IS CODES FOR EARTH QUAKE RESISTANCE

3. FOR SOIL WASTE- SINGLE STACK SYSTEM WILL BE ADOPTED AS PER APPROVED IN NBC-2016.

4. ALL LIFTS AND COMMON AREA WITH EMERGENCY LIGHTING TO HAVE 100% POWER BACKUP AS PER NBC REQUIREMENT.

5. ALL DIMENSIONS ARE IN MM.

6. THE BUILDING IS FULLY VENTILATED AND CENTRALLY AIR CONDITIONED WITH 100% POWER BACKUP.



PROJECT TITLE :

PROPOSED BUILDING PLAN OF COMMERCIAL COLONY OVER AN AREA MEASURING 3.818 ACRES (LICENCE NO. 163 OF 2023 DATED 17/08/2023 IN SECTOR- 32, SOHNA BEING DEVELOPED BY ST. PATRICKS REALTY PVT. LTD. AND OTHERS.

CLIENT

ST. PATRICKS REALTY PVT. LTD.

ARCHITECT

HABITAT ARCHITECTS
#1777, Maharaj Nagar,
Near P.A.U Gate no.3
LUDHIANA-141001,
PUNJAB

ARCHITECT'S SEAL & SIGNATURE	OWNER'S SEAL & SIGNATURE
ZAFAR CHAUDHARY B. Arch. CA/2006/37311	For St. Patricks Realty Pvt. Ltd. Authorised Signatory

Date:	Scale:	Revision no:
		R0

STATUS:

SUBMISSION DRAWING

DRAWING TITLE :

17TH, 21th & 25TH FLOOR

Drawing No.

SD/AR/AL-2/116

N