

STILT AREA CALCULATION
WING A

ADD

7	3.35	X	2.45	X	1	=	8.21	SQMT
8	5.65	X	4.90	X	1	=	27.69	SQMT

TOTAL STILT = 35.90 SQMT

LIFT LOBBY WING -A

ADD

A1	2.75	X	6.10	X	1	=	16.78	SQMT
A2	4.60	X	2.45	X	1	=	11.27	SQMT
A3	2.10	X	2.30	X	1	=	4.83	SQMT
A4	2.30	X	0.15	X	1	=	0.35	SQMT
A5	6.50	X	6.25	X	1	=	40.63	SQMT
A6	3.35	X	0.80	X	1	=	2.68	SQMT

DEDUCT

L1	2.60	X	2.30	X	1	=	5.98	SQMT
L2	2.15	X	2.30	X	1	=	4.95	SQMT

LIFT LOBBY AREA (WING-A) = 65.61 SQMT

STILT AREA (WING A) = 101.51 SQMT

WING B

ADD

9	7.95	X	4.85	X	1	=	38.56	SQMT
10	0.80	X	5.20	X	1	=	4.16	SQMT
11	0.70	X	0.15	X	1	=	0.11	SQMT
12	0.67	X	2.30	X	0.50	=	0.77	SQMT
13	3.40	X	0.81	X	0.50	=	1.38	SQMT
14	3.40	X	1.00	X	1	=	3.40	SQMT
15	3.05	X	2.20	X	1	=	6.71	SQMT
16	2.90	X	1.45	X	1	=	4.21	SQMT
17	2.90	X	1.45	X	1	=	4.21	SQMT
18	3.05	X	2.05	X	1	=	6.25	SQMT
19	12.60	X	4.60	X	1	=	57.96	SQMT
20	2.90	X	0.40	X	1	=	1.16	SQMT
21	2.45	X	3.20	X	1	=	7.84	SQMT
22	5.05	X	1.60	X	1	=	8.08	SQMT
23	7.80	X	11.50	X	1	=	89.70	SQMT
24A	5.05	X	1.80	X	1	=	9.09	SQMT
24B	4.90	X	6.45	X	1	=	31.61	SQMT

DEDUCT

L3	2.60	X	2.15	X	1	=	5.59	SQMT
L4	2.15	X	1.95	X	1	=	4.19	SQMT

LIFT LOBBY AREA (WING-B) = 83.18 SQMT

STILT AREA (WING B) = 358.38 SQMT

LIFT LOBBY WING -B

ADD

B1	3.05	X	4.85	X	1	=	14.79	SQMT
B2	7.95	X	1.80	X	1	=	14.31	SQMT
B3	2.45	X	2.10	X	1	=	5.15	SQMT
B4	3.22	X	5.95	X	1	=	19.16	SQMT
B5	4.55	X	5.95	X	0.50	=	13.54	SQMT
B6	5.80	X	4.73	X	0.50	=	13.72	SQMT
B7	5.80	X	1.10	X	1	=	6.38	SQMT
B8	2.75	X	2.15	X	1	=	5.91	SQMT

DEDUCT

L3	2.60	X	2.15	X	1	=	5.59	SQMT
L4	2.15	X	1.95	X	1	=	4.19	SQMT

LIFT LOBBY AREA (WING-B) = 83.18 SQMT

STILT AREA (WING B) = 358.38 SQMT

WING C

ADD

25	5.20	X	1.60	X	1	=	8.32	SQMT
26	7.95	X	5.00	X	1	=	39.75	SQMT
27	8.85	X	6.65	X	1	=	58.85	SQMT
28	5.95	X	1.65	X	1	=	9.82	SQMT
29	2.45	X	3.50	X	1	=	8.57	SQMT
30	2.75	X	4.30	X	1	=	11.83	SQMT
31	7.65	X	0.35	X	1	=	2.68	SQMT
32	10.25	X	0.55	X	1	=	5.64	SQMT
33	13.45	X	5.55	X	1	=	74.85	SQMT
34	2.90	X	0.40	X	1	=	1.16	SQMT
35	3.05	X	0.60	X	1	=	1.83	SQMT
36	2.30	X	5.20	X	1	=	11.96	SQMT
37	0.75	X	3.80	X	1	=	2.85	SQMT
38	1.60	X	0.15	X	1	=	0.24	SQMT
39	5.05	X	0.35	X	1	=	1.77	SQMT
40	4.90	X	6.10	X	1	=	29.89	SQMT
41	2.60	X	3.35	X	1	=	8.71	SQMT
42	1.05	X	0.55	X	1	=	0.58	SQMT
43	2.90	X	4.80	X	1	=	13.92	SQMT
44	5.80	X	0.75	X	1	=	4.35	SQMT
45	5.20	X	5.20	X	1	=	27.04	SQMT
46	3.05	X	0.60	X	1	=	1.83	SQMT
47	3.80	X	0.75	X	1	=	2.85	SQMT

DEDUCT

L5	2.15	X	1.95	X	1	=	4.19	SQMT
L6	2.30	X	2.60	X	1	=	5.98	SQMT

LIFT LOBBY AREA (WING-C) = 75.59 SQMT

STILT AREA (WING C) = 404.68 SQMT

LIFT LOBBY WING -C

ADD

C1	5.05	X	2.90	X	1	=	14.65	SQMT
C2	1.20	X	0.55	X	1	=	0.66	SQMT
C3	2.60	X	2.75	X	1	=	7.15	SQMT
C4	13.90	X	1.80	X	1	=	25.02	SQMT
C5	2.45	X	2.10	X	1	=	5.15	SQMT
C6	0.90	X	0.15	X	1	=	0.14	SQMT
C7	6.25	X	4.85	X	1	=	30.31	SQMT
C8	3.35	X	0.80	X	1	=	2.68	SQMT

DEDUCT

L5	2.15	X	1.95	X	1	=	4.19	SQMT
L6	2.30	X	2.60	X	1	=	5.98	SQMT

LIFT LOBBY AREA (WING-C) = 75.59 SQMT

STILT AREA (WING C) = 404.68 SQMT

P.LINE AREA CALCULATION OF GROUND FL.(LETTER RM/SOC.OFF.)

ADD

A	6.10	X	6.70	X	1	=	40.87	SQMT
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DEDUCT

1	1.00	X	3.05	X	1	=	3.05	SQMT
2	4.15	X	0.15	X	1	=	0.62	SQMT
3	1.95	X	1.65	X	1	=	3.22	SQMT

TOTAL = 6.89 SQMT

NET CONSTRUCTION AREA = 33.98 SQMT

REQUIREMENT
20.00 SQMT. FOR 100 FLATS + ADDITIONAL 20 SQMT. FOR 300 FLATS
20.00 SQMT. + 11.40 SQMT. = 31.40 SQMT.

GROUND FL.(DRIVERS RM)

ADD

B	6.10	X	4.55	X	1	=	27.76	SQMT
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DEDUCT

4	4.15	X	1.50	X	1	=	6.23	SQMT
5	0.90	X	2.30	X	1	=	2.07	SQMT
6	2.30	X	0.75	X	1	=	1.73	SQMT

TOTAL = 10.03 SQMT

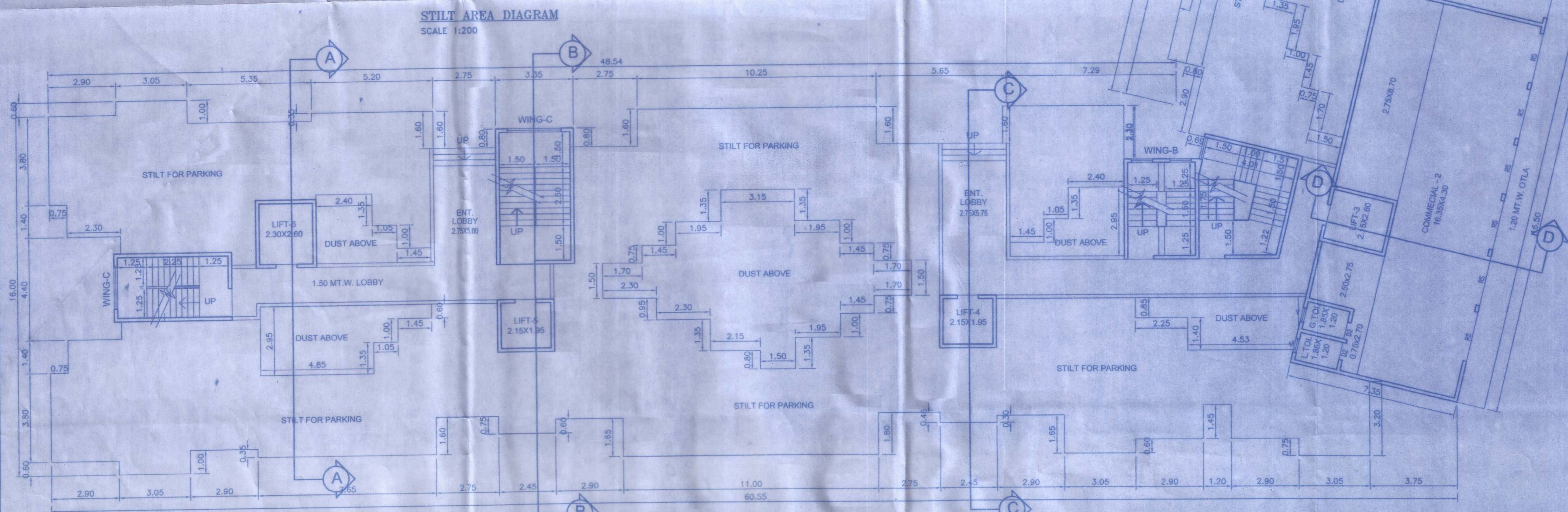
NET CONSTRUCTION AREA = 17.73 SQMT

REQUIREMENT
12.00 SQMT. FOR 100 FLATS + ADDITIONAL 10 SQMT. FOR 300 FLATS
12.00 SQMT. + 5.70 SQMT. = 17.70 SQMT.

SANITATION REQUIREMENT

GROUND FLOOR
CARPET AREA + OCCUPANT LOAD
249.50 + 10 = 24.95 (25)
9 NOS. OF FEMALE & 16 NOS. MALE

REQUIREMENT	REQ.	PROV.
MALES		
2 W.C. FOR 16-35	2 NO	2 TOI.
2 URINALS FOR 13 TO 25		
FEMALES		
1 W.C. FOR 12	1 NO	2 TOI.



GROUND FLOOR (STILT FLOOR) PLAN
SCALE 1:100

P.LINE AREA CALCULATION
GROUND FLOOR WING A

ADD

A	7.35	X	22.60	X	1	=	166.11	SQMT
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OTLA 1.20 X 22.60 X 1 = 27.12 SQMT

DEDUCT

1	0.65	X	8.85	X	1	=	5.75	SQMT
2	1.50	X	2.15	X	1	=	3.23	SQMT
L1	2.60	X	2.30	X	1	=	5.98	SQMT

TOTAL = 14.96 SQMT

NET CONSTRUCTION AREA = 183.23 - 14.96 = 178.27 SQMT

P.LINE AREA CALCULATION
GROUND FLOOR WING B

ADD

B	7.35	X	16.50	X	1	=	121.27	SQMT
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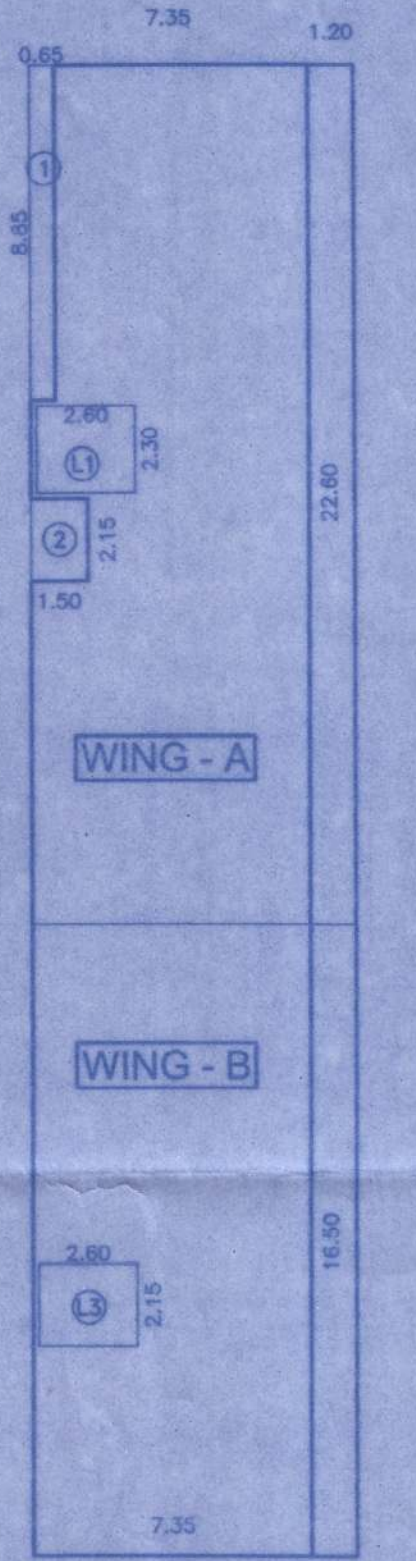
OTLA 16.50 X 1.20 X 1 = 19.80 SQMT

DEDUCT

L3	2.60	X	2.15	X	1	=	5.59	SQMT
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TOTAL = 5.59 SQMT

NET CONSTRUCTION AREA = 141.07 - 5.59 = 135.48 SQMT



P.LINE AREA
DIAGRAM
GROUND FLOOR
SCALE 1:200

PROFORMA II

CONTENTS OF SHEET

GROUND FLOOR PLAN, P.LINE AREA CALCULATION & DIAGRAM, STILT AREA DIAGRAMS & CALCULATIONS

CERTIFICATE OF AREA

CERTIFICATE THAT THE PLOT UNDER REFERENCE WAS SURVEYED BY ME ON 25/08/2019 AND THE DIMENSIONS OF THE SITE ETC. OF THE PLOT STATED ON THE PLANS ARE AS MEASURED ON SITE AND THE AREA SO WORKED OUT TALLIES WITH THE AREA STATED IN THE DOCUMENTS OF OWNERSHIP.

Signature of Registered Engineer

CERTIFIED THAT THE BUILDING PLANS SUBMITTED FOR APPROVAL SATISFY THE SAFETY REQUIREMENTS FOR STRUCTURES BEING CONSTRUCTED IN ZONE-II AS CORRECT TO THE BEST OF OUR KNOWLEDGE AND UNDERSTANDING. IT IS ALSO CERTIFIED THAT THE STRUCTURAL DESIGN INCLUDING SAFETY FROM NATURAL HAZARDS HAS BEEN PREPARED BY DULY QUALIFIED STRUCTURAL ENGINEER AT LEAST B.E.(CIVIL) OR EQUIVALENT

Signature of Registered Engineer

STAMP OF DATE OF RECEIPT OF PLANS

Certified that the above permission is issued by Commissioner VVCMC, Virar.

Deputy Director, VVCMC, Virar.

STAMP OF APPROVAL OF PLANS

Approved as amended in this office Letter No. VVCMC/TP/CCI VPI. 6061/1.320.2022-23 Dated: 20/10/2022

COMMISSIONER VASAI-VIRAR CITY MUNICIPAL CORPORATION Virar (East), Pin No. 401 305, Dist. Palghar.

DESCRIPTION	DATE	SIGNATURE
DESCRIPTION OF PROPOSAL & PROPERTY		
PROPOSED RESIDENTIAL BUILDING WITH SHOPLINE ON LAND BEARING S.NO.23A H.NO.1,2,3; S.NO.23B VILLAGE-UMELE, TAL-VASAI, DIST-PALGHAR.		
NAME OF OWNER/APPLICANT		
M/S. RUBY LIFESPACES THROUGH PARTNER		
M/S. RUBY STRUCTURES PVT.LTD.-DIRECTOR		
MR. JUDE S. PEREIRA		
JOB NO.	DATE	
V P-6061	24-05-22	
FILE NO-2023		
DRAWING NO.	SCALE	
	AS SHOWN	
NORTH LINE	DRAWN BY	
	DINESH	
	CHECKED BY	

EN-CON

Architectural & Structural Works
Project Consultants

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E-mail: encon4@gmail.com

133/D/PROJ/VASAI VIBRA/ME PEREIRA/UMLE/TAL/16.08.22/UMLE PLANING