

APPROVED SUBJECT TO CONDITION
APPROVED UNDER COMMENCEMENT
CERTIFICATE NO. _____
DATE: _____
Building Inspector Deputy Engineer
Building Development Department



AMSL HEIGHT
= 704.80
OHWT Top Level
(above recreational floor)

OHWT Bottom Level

Terrace Level

22nd Floor Level

21st Floor Level

20th Floor Level

19th Floor Level

18th Floor Level

17th Floor Level

16th Floor Level

15th Floor Level

14th Floor Level

13th Floor Level

12th Floor Level

11th Floor Level

10th Floor Level

9th Floor Level

8th Floor Level

7th Floor Level

6th Floor Level

5th Floor Level

4th Floor Level

3rd Floor Level (EWS)

2nd Floor Level (EWS)

1st Floor Level (Commercial)

AMSL
HEIGHT
= 617.20
+1.80 Plinth (upper ground) Level
+0.80 Raised Level @ Entrance
+0.00 Road / Natural Ground Level
-1.40 Lower ground Level

-5.00 Basement 1 Level

-3.20 Basement 2 Level

SECTION BB
(WING C)

AREA DIAGRAM OF 22ND RESIDENTIAL FLOOR
SCALE-1:400

22ND RESIDENTIAL FLOOR AREA CALC. :-
AREA OF BLOCK = 21.40 x 32.20
= 689.08 SQM

Deductions:

- 1) 1 x 3.50 x 0.70 = 2.45
- 2) 1 x 3.80 x 2.75 = 10.45
- 3) 1 x 2.15 x 6.70 = 14.41
- 4) 1 x 1.95 x 7.30 = 14.24
- 5) 1 x 4.05 x 4.55 = 18.43
- 6) 1 x 2.15 x 9.45 = 20.32
- 7) 1 x 6.0 x 12.75 = 76.50
- 8) 1 x 5.10 x 15.50 = 79.05
- 9) 1 x 1.90 x 2.50 = 4.75
- 10) 1 x 1.90 x 1.90 = 3.61
- 11) 1 x 0.6 x 4.75 = 2.85
- 12) 1 x 0.5 x 1.95 = 0.98
- 13) 1 x 1.80 x 1.80 = 3.24
- 14) 1 x 0.6 x 4.67 = 2.80
- 15) 1 x 3.30 x 0.90 = 2.97
- 16) 1 x 2.50 x 3.15 = 7.88
- 17) 1 x 3.95 x 1.50 = 5.93
- 18) 1 x 3.90 x 2.90 = 11.31
- 19) 1 x 4.10 x 9.85 = 40.39
- 20) 1 x 3.80 x 3.15 = 11.97
- 21) 1 x 3.50 x 1.10 = 3.85
- 22) 1 x 3.50 x 0.35 = 1.23
- 23) 2 x 4.25 x 3.15 = 26.78
- 24) 1 x 1.30 x 1.35 = 1.76
- 25) 1 x 1.80 x 9.0 = 16.20

TOTAL = 384.35 SQM

NET AREA 22ND FL.

= 689.08 - 384.35

= 304.73 SQM

REFUGE AREA CALC. :-

WING A (6th, 11th, 16th & 21st floor) :-

REQD. REFUGE AREA =

B/UP x 2 FLOORS = 507.74 sq.m x 2 floors

= 1,015.48 sq.m

1,015.48/12.5 = 81.24 sq.m

81.24 sq.m x 0.30 = 24.37 sq.m

minimum requirement = 24.37 sq.m

handicap area requirement = 0.99 sq.m

Hence, Proposed Refuge area = 24.37+0.99 = 25.36 sq.m

Additions:

1) 1 x 4.05 x 2.35 = 9.52

2) 1 x 3.95 x 3.75 = 14.85

3) 1 x 2.30 x 0.43 = 0.99

Proposed Refuge area = 25.36 sq.m

WING B (6th, 11th, 16th & 21st floor) :-

REQD. REFUGE AREA =

B/UP x 2 FLOORS = 767.00 sq.m x 2 floors

= 1,534.00 sq.m

1,534.00/12.5 = 122.72 sq.m

122.72 sq.m x 0.30 = 36.82 sq.m

minimum requirement = 36.82 sq.m

handicap area requirement = 0.99 sq.m

Hence, Proposed Refuge area = 36.82+0.99=37.81 sq.m

Additions:

1) 1 x 3.90 x 4.55 = 17.76

2) 1 x 1.50 x 7.26 = 10.89

3) 1 x 1.85 x 4.95 = 9.16

Proposed Refuge area = 37.81 sq.m

WING C (16th & 21st floor) :-

REQD. REFUGE AREA =

B/UP x 2 FLOORS = 507.74 sq.m x 2 floors

= 1,015.48 sq.m

1,015.48/12.5 = 81.24 sq.m

81.24 sq.m x 0.30 = 24.37 sq.m

minimum requirement = 24.37 sq.m

handicap area requirement = 0.99 sq.m

Hence, Proposed Refuge area = 24.37+0.99 = 25.36 sq.m

Additions:

1) 1 x 4.05 x 2.35 = 9.52

2) 1 x 3.95 x 3.75 = 14.85

3) 1 x 2.30 x 0.43 = 0.99

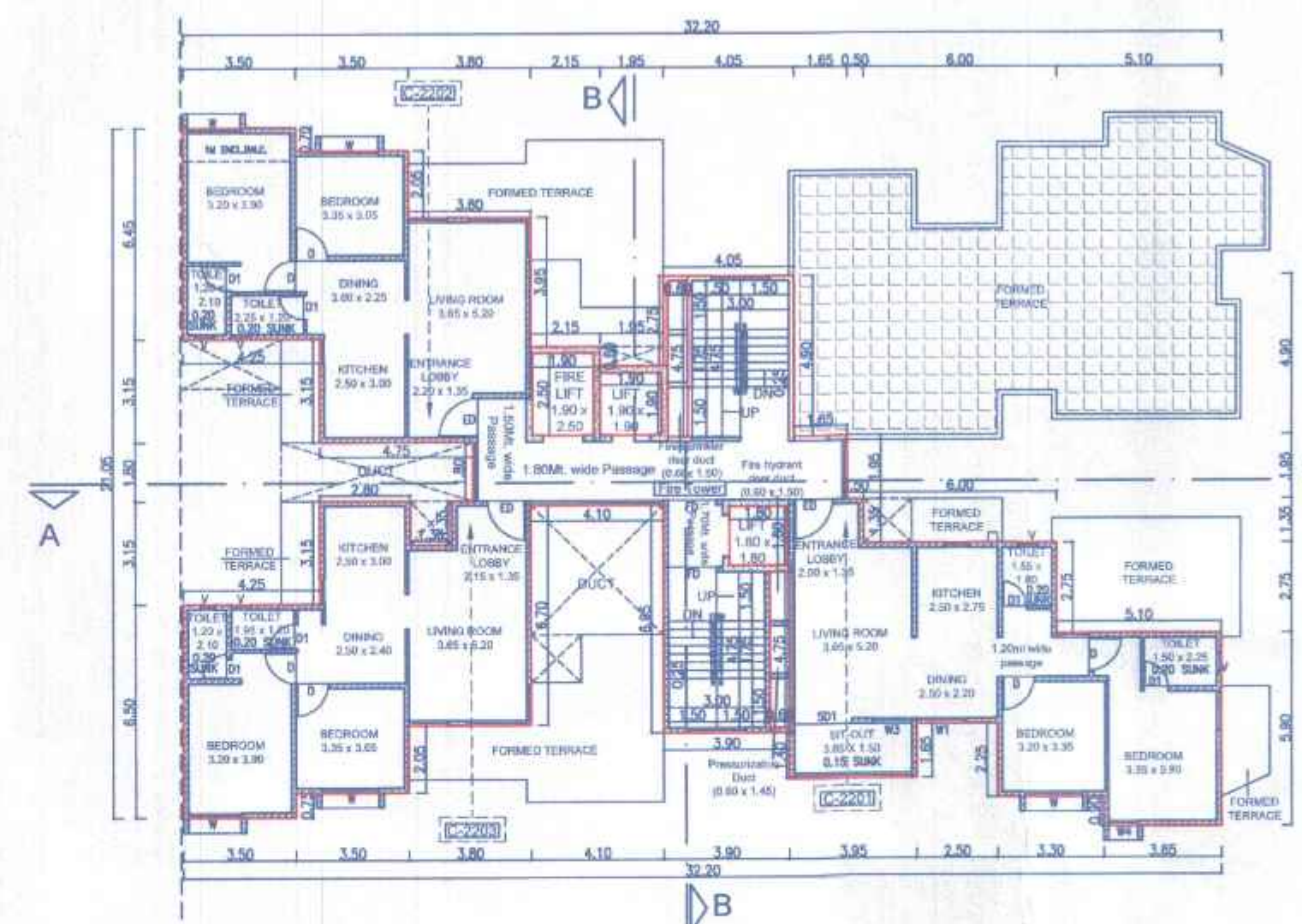
Proposed Refuge area = 25.36 sq.m

AREA DIAGRAM FOR
REFUGE FLOOR (WING-A)
SCALE-1:400

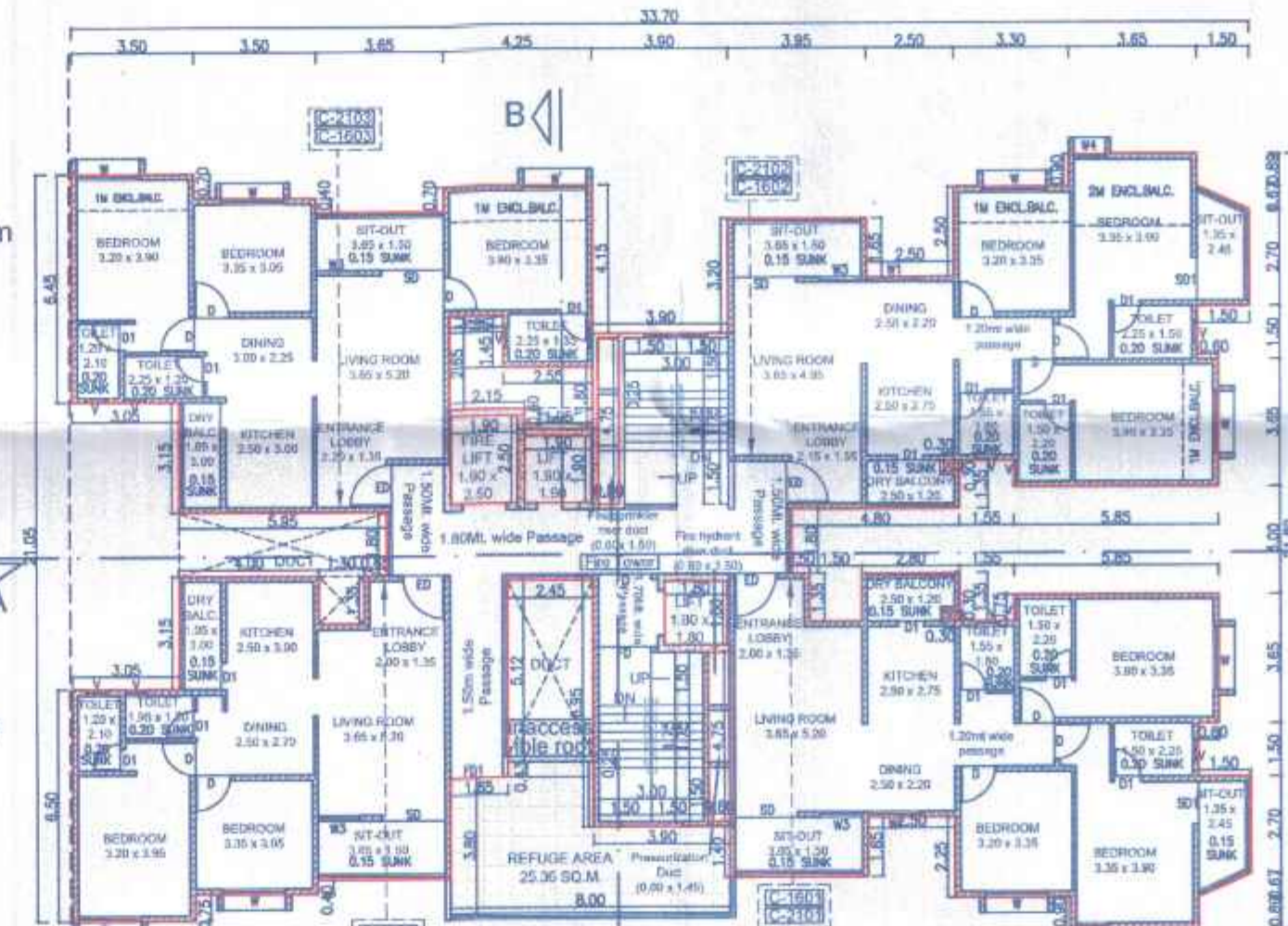
AREA DIAGRAM FOR
REFUGE FLOOR (WING-B)
SCALE-1:400

AREA DIAGRAM FOR
REFUGE FLOOR (WING-C)
SCALE-1:400

AREA DIAGRAM FOR
REFUGE FLOOR (WING-C)
SCALE-1:400



22ND RESIDENTIAL FLOOR
WING C



TYP. REFUGE FLOOR 16TH & 21ST FLOOR :-

WING C

AREA DIAGRAM OF TYP. REFUGE
FLOOR (16th & 21st FL.)
SCALE-1:400

TYP. REFUGE FLOOR AREA CALC. :- 16TH & 21ST FLOOR

Deductions:

- 1) 1 x 3.50 x 0.40 = 1.40
- 2) 2 x 3.50 x 1.10 = 7.70
- 3) 1 x 3.65 x 1.50 = 5.47
- 4) 1 x 4.25 x 0.80 = 3.40
- 5) 1 x 0.60 x 1.20 = 0.72
- 6) 1 x 1.55 x 2.65 = 4.10
- 7) 1 x 1.95 x 1.80 = 3.51
- 8) 1 x 1.90 x 2.50 = 4.75
- 9) 1 x 1.90 x 1.90 = 3.61
- 10) 2 x 0.60 x 4.75 = 5.70
- 11) 1 x 3.90 x 4.95 = 19.30
- 12) 1 x 3.95 x 1.75 = 6.91
- 13) 1 x 2.50 x 3.40 = 8.50
- 14) 2 x 3.30 x 0.90 = 5.94
- 15) 2 x 1.50 x 0.89 = 2.66
- 16) 2 x As per hatched = 1.00
- 17) 2 x 1.50 x 1.50 = 4.50
- 18) 2 x 0.90 x 3.65 = 6.57
- 19) 1 x 6.75 x 3.00 = 20.25
- 20) 1 x 1.55 x 4.50 = 6.97
- 21) 2 x 0.30 x 0.30 = 0.18
- 22) 1 x 4.80 x 1.80 = 8.64
- 23) 1 x 1.50 x 1.35 = 2.02
- 24) 1 x 2.50 x 3.00 = 7.50
- 25) 1 x 3.95 x 1.50 = 5.92
- 26) 1 x 3.90 x 2.90 = 11.31
- 27) 1 x 1.80 x 1.80 = 3.24
- 28) 1 x 2.45 x 9.85 = 24.13
- 29) 1 x 1.65 x 4.30 = 7.09
- 30) 1 x 3.80 x 1.50 = 5.70
- 31) 1 x 1.30 x 1.35 = 1.76
- 32) 1 x 5.95 x 1.80 = 10.71
- 33) 1 x 3.05 x 8.10 = 24.70
- 34) 1 x 3.50 x 0.35 = 1.22

TOTAL = 237.05 SQM

NET AREA TYP. REFUGE FL. :-
16TH & 21ST FLOOR
= 734.66 - 237.05
= 497.61 SQM

OWNER'S NAME, ADDRESS, SIGNATURE :-

ALOK KUMAR JHA (P.O.A.)
OREE REALITY PVT.LTD.

PROJECT :-

Development of group housing scheme
"Cloud 51"

On S. no. 51/10.,
At Village - Bavdhan Khurd, Taluka - Mulshi, District - Pune

ARCHITECT SIGNATURE :-

AR. PRASAD R. INGAWALE
B.Arch. M.Tech. - Town & Country Planning
CA/2016/78434

ARCHITECT :-

PI CONSULTANTS
A-102 SHAMBAH, SHIVAJINAGAR, PUNE - 411004
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DATE	DEALT BY	REVISED BY	CHECKED BY	SCALE
05.12.2023	AN and NN		DARSHANA	1:200

