

STAMP OF APPROVAL OF PLANS

This Cancels Approval
to the Previous Plans
Sanctioned under no./
CE/S/32/18/PS/A/71
Dated: 05/10/2015

o/ Executive Engineer Bldg. Prop. (E/S.) J.L.

18
 23/9
 S.E.B.P. A.E. (B.P.) S&T

बृहन्मूर्ध महीनारायणलिका,
जब प्रमुख अभियंता कुपारत प्रस्ताव
(पूव खनार) गांवे कायालय

STAMP OF DATE RECEIVED IN PANS

REV	DESCRIPTION	DATE	SIGNATURE
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AMENDED PLAN
PROPOSED BUILDING NO. 5
ON LOT BEARING OLD C.T.S. NO. 884, 884 TO 105,
AND NEW C.T.S. NO. 674, 68-B & 68-C
OF VILLAGE-MOUND AT 153.5, MARSHALLTOWN (W)

NAME OF OWNER

M/S.RUNWAL DEVELOPERS PVT.LTD

M.V. DAISSARIA
 DAISSARIA ASSOCIATES
 architects

 801, Skyline Epitome, Kirod road,
 NEAR Jolly Gymkhana,
 VIDHYAVIHAR (WEST)
 MUMBAI - 400 086
 TEL: 61110504


	REMARKS	JOB NO: 756	SCALE: AS GIVEN
	DATE: 29.03.16	DRG NO: 11	DRN. BY: elshar
			CHK BY: M.V.D.

BUILT UP AREA CALCULATION

REFUGE FLOOR (19TH FLOOR & 26TH FLOOR)

SAME AS TPY FLOOR 19TH FLR = 400.61

T O T A L

AREA OF THE BLOCK 'B' = 12.79 X 9.43 = 120.61 SQMT

LESS DEDUCTIONS:

7) = 3.68 X 0.88 X 1 = 2.68 SQMT

8) = 0.60 X 0.83 X 1 = 0.17 SQMT

9) = 0.60 X 0.83 X 1 = 0.17 SQMT

10) = 3.68 X 1.53 X 1 = 5.69 SQMT

11) = 3.68 X 1.13 X 1 = 5.68 SQMT

12) = 0.50 X 0.13 X 1 = 0.07 SQMT

13) = 1.55 X 0.48 X 1 = 0.74 SQMT

14) = 3.65 X 1.21 X 1 = 4.42 SQMT

15) = 0.61 X 4.35 X 1 = 2.65 SQMT

TOTAL = 20.81 SQMT

GROSS BU AREA 120.61 - 20.81 = 99.80 SQMT

p1) = 1.98 X 1.71 X 1.00 X 1 = 3.35 SQMT

p2) = 0.04 + 1.18 X 0.50 X 0.33 X 1 = 0.33 SQMT

p3) = 0.50 X 1.18 X 1.48 X 1 = 0.70 SQMT

p4) = 1.51 + 0.88 X 0.50 X 0.63 X 1 = 0.75 SQMT

p5) = 0.81 + 1.38 X 0.50 X 0.49 X 1 = 0.65 SQMT

TOTAL PASSAGE AREA ADD = 6.08 SQMT

NET BU AREA = 400.61 - 99.80 + 5.88 = 306.49 SQMT

EXCESS AREA = 0.93 + 306.49 = 307.42 SQMT

REFUGEE AREA CALCULATION

REFUGEE AREA REQD. (FOR 26TH FLOOR)

BUILT-UP AREA ADD-STAIR, (27TH TO 32TH FLS)

TPY F 386.45 X FLRS = 2320.70 SQMT

REF FL 282.96 X FLRS = 282.96 SQMT

TOTAL REFUGEE AREA REQD. = 2613.66 SQMT

4% OF 2613.66 REQUIRED = 106.55 SQMT.

PROPOSED REFUGEE AREA = 106.55 SQMT.

ADDITIONAL REFUGEE AREA TAKEN IN TO F.S.I = 0.43 SQMT

TOTAL BU AREA HABITABLE ROOM = 170.88 + 99.80 + 12.23 = 282.96 SQMT

TOTAL BU PER FLOOR HABITABLE ROOM = 170.88 + 199.60 + 17.97 = 388.45 SQMT

1ST TO 36TH = 13615.70 / 1.35 = 10085.70 SQMT

COMPENSATORY FSI = 3550.00 SQMT

FLOOR

GROSS BU AREA

STILT

1ST

2ND

3RD

4TH

5TH

6TH

7TH

8TH

9TH

10TH

11TH

12TH

13TH

14TH

15TH

16TH

17TH

18TH

19TH

20TH

21ST

22ND

23RD

24TH

25TH

26TH

27TH

28TH

29TH

30TH

31TH

32TH

33RD

34TH

35TH

FINIS AREA

TOTAL

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REFUGE AREA CALCULATION

REFUGE AREA REQD. (FOR 19TH FLOOR)
 BUILD-UP AREA AUDITORIUM (20TH TO 25TH FLOORS)
 TYP. 388.45 X 66LRS. = 2336.70 SQMT
 RES'L 282.96 X 11LRS. = 282.96 SQMT

TOTAL = 2613.66 SQMT

TOTAL REFUGE AREA REQD.

4% OF 2613.66 REQUIRED = 104.65 SQ.MT.
 PROPOSED REFUGE AREA = 105.46 SQMT.

ADDITIONAL REFUGE AREA TAKEN IN TO F.S.I= 0.93 SQMT

TOTAL BUA 19th HABITABLE ROOM= 170.58 + 99.80 + 12.28 = 282.96 SQMT
 TOTAL BUA PER FLOOR HABITABLE ROOM= 170.88 + 199.60 + 17.97 = 388.45 SQMT

REFUGE AREA DIAGRAM (19TH & 26TH FLOOR)
 SCALE 1"= 100'

ADDITION (PASS AREA REFUGE)	
p1) = 1.96 X 1.71 X 100 X 2.00 =	6.70 SQMT.
p2) = 0.84 + 1.18 X 0.50 X 0.33 X 2.00 =	0.67 SQMT.
p3) = 0.50 X 1.18 X 1.18 X 2.00 =	1.39 SQMT.
p4) = 1.51 + 0.86 X 0.50 X 0.63 X 2.00 =	1.51 SQMT.
p5) = 0.98 + 1.36 X 0.50 X 0.48 X 2.00 =	1.10 SQMT.
p6) = 2.35 + 2.02 X 0.50 X 2.03 X 1.00 =	4.45 SQMT.
p7) = 0.50 X 1.83 X 0.16 X 1.00 =	0.15 SQMT.
p8) = 1.70 + 0.80 X 0.50 X 1.60 X 1.00 =	2.00 SQMT.

BUILD UP AREA CALCULATION									
REFUGE FLOOR AREA CALCULATIONS 19TH FLOOR & 26TH FLOOR									
AREA OF THE BLOCK W' = 118.3 X 8.84 = 102.81 SQMT									
LESS DEDUCTIONS:									
1) = 3.85	X	0.22	X	1	= 0.80	SQMT			
2) = 1.74	X	0.52	X	1	= 0.90	SQMT			
3) = 3.34	X	1.08	X	1	= 3.64	SQMT			
4) = 3.65	X	1.22	X	1	= 4.45	SQMT			
5) = 1.51	X	1.83	X	1	= 2.76	SQMT			
6) = 3.57	X	1.35	X	1	= 4.82	SQMT			
TOTAL						= 17.37	SQMT.		
GROSS BU AREA		102.81	- 17.37	= 85.44	SQMT.				
			= 85.44	X 2	= 170.88	SQMT.			
AREA OF THE BLOCK B' = 12.79 X 9.43 = 120.61 SQMT									
LESS DEDUCTIONS:									
7) = 3.48	X	0.58	X	1	= 2.05	SQMT			
8) = 0.50	X	0.33	X	1	= 0.17	SQMT			
9) = 1.55	X	0.88	X	1	= 1.05	SQMT			
10) = 3.55	X	1.83	X	1	= 5.58	SQMT			
11) = 3.58	X	1.13	X	1	= 4.05	SQMT			
12) = 0.50	X	0.13	X	1	= 0.07	SQMT			
13) = 1.55	X	0.48	X	1	= 0.74	SQMT			
14) = 3.65	X	1.21	X	1	= 4.42	SQMT			
15) = 0.61	X	4.35	X	1	= 2.65	SQMT			
TOTAL						= 20.81	SQMT.		
GROSS BU AREA		120.61	- 20.81	= 99.80	SQMT.				
			= 99.80	X 2	= 199.60	SQMT.			
AREA OF THE BLOCK C' = 12.25 X 13.75 = 168.44 SQMT									
LESS DEDUCTIONS:									
1) = 3.77	+	3.07/2	X	0.70	X 2	= 4.79	SQMT		
2) = 3.07	+	3.63/2	X	0.16	X 2	= 1.00	SQMT		
3) = 0.50	X	3.23	X	3.23	X 2	= 10.43	SQMT		
4) = 7.10	+	6.53/2	X	0.57	X 2	= 7.77	SQMT		
5) = 0.57	+	0.24/2	X	0.33	X 2	= 0.27	SQMT		
6) = 0.24	X	2.22	X	1	X 2	= 1.07	SQMT		
7) = 0.50	X	2.22	X	1.18	X 2	= 2.82	SQMT		
8) = 0.50	X	3.48	X	1.04	X 2	= 3.62	SQMT		
9) = 0.50	X	2.53	X	0.83	X 2	= 2.10	SQMT		
TOTAL						= 33.67	SQMT.		
STARICASE, LIFTS & LOBBIES.									
ST(1) = 4.71	+	6.12/2	X	0.70	X 1	= 3.79	SQMT		
ST(2) = 6.12	+	5.79/2	X	0.16	X 1	= 0.95	SQMT		
ST(3) = 5.78	+	7.63/2	X	0.93	X 1	= 6.24	SQMT		
ST(4) = 7.63	X	2.53	X	1	X 1	= 19.30	SQMT		
ST(5) = 7.20	X	3.37	X	1	X 1	= 24.26	SQMT		
ST(6) = 7.20	+	4.82/2	X	1.19	X 1	= 7.15	SQMT		
LJ = 7.35	X	2.66	X	1	X 1	= 19.88	SQMT		
LOJ = 2.07	+	1.73/2	X	0.34	X 1	= 0.65	SQMT		
LO(1) = 1.73	X	2.32	X	1	X 1	= 4.01	SQMT		
LO(2) = 2.22	X	1.50	X	1	X 1	= 3.33	SQMT		
LO(3) = 4.63	X	2.20	X	1	X 1	= 10.19	SQMT		
XJ = 1.73	X	1.50	X	1	X 2	= 5.18	SQMT		
TOTAL						= 104.64	SQMT.		
NET BU AREA						168.44	- 33.67	= 104.64	
								= 30.13	SQMT.
TOTAL BU AREA ON REFUGE FLOOR 19TH = 170.88 + 99.80 + 30.13 + 104.64 = 405.45 SQMT									
TOTAL BU AREA ON REFUGE FLOOR 19TH = 405.45 + 0.05 additional ringls = 405.51 SQMT									
TOTAL BU AREA ON PART 26TH FLOOR = 170.88 + 99.80 + 30.13 + 104.64 = 405.45 SQMT									

