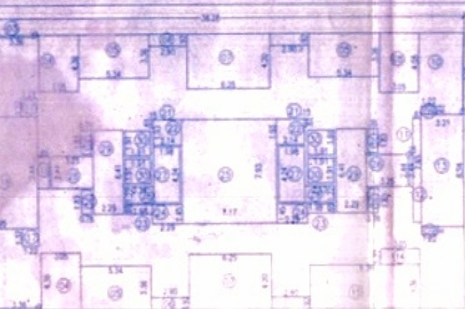




KEY PLAN AND CALC. FOR TYPICAL FLOOR

BUILT-UP AREA STATEMENT - First Floor

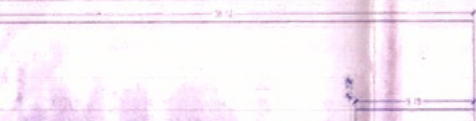
AREA OF BLOCK (ABCD) = 36.28 X 21.05 = 805.79 SQ.M

STANDARD DEDUCTIONS -

1. 0.76 X 4.43 X 2 =	6.72 SQ.M	20. 0.76 X 1.83 X 4 =	56.50 M
2. 1.58 X 0.81 X 2 =	0.42 SQ.M	21. 0.15 X 0.81 X 2 =	0.18 SQ.M
3. 3.36 X 0.15 =	0.50 SQ.M	22. 2.14 X 1.93 X 2 =	81.50 M
4. 3.05 X 4.36 X 2 =	26.60 SQ.M	23. 1.98 X 0.69 X 2 =	1.35 SQ.M
5. 5.34 X 3.36 X 3 =	53.83 SQ.M	24. 2.29 X 1.45 X 2 =	6.64 SQ.M
6. 2.90 X 0.92 X 4 =	10.67 SQ.M	25. 7.17 X 7.93 =	56.96 SQ.M
7. 6.25 X 4.20 X 2 =	52.50 SQ.M	26. 3.25 X 2.44 X 2 =	7.96 SQ.M
8. 3.05 X 4.58 =	13.97 SQ.M	27. 1.98 X 4.24 X 2 =	16.79 SQ.M
9. 1.22 X 0.51 X 2 =	0.12 SQ.M	28. 2.13 X 1.22 X 2 =	5.18 SQ.M
10. 0.03 X 6.25 =	0.19 SQ.M	29. 2.29 X 6.41 X 2 =	29.52 SQ.M
11. 0.25 X 2.44 =	0.61 SQ.M	30. 1.91 X 1.91 X 4 =	14.59 SQ.M
12. 0.11 X 1.91 =	0.21 SQ.M		
13. 3.21 X 9.54 =	30.62 SQ.M		
14. 1.05 X 1.22 =	1.27 SQ.M		
15. 1.12 X 1.56 =	1.74 SQ.M		
16. 1.15 X 0.10 =	0.12 SQ.M		
17. 1.11 X 1.11 =	1.23 SQ.M		
18. 0.41 X 0.54 =	0.22 SQ.M		
19. 0.41 X 2.44 =	1.00 SQ.M		

TOTAL DEDUCTIONS = 43.44 SQ.M

NET AREA = 805.79 - 43.44 = 762.35 SQ.M



KEY PLAN AND CALC. FOR GROUND FLOOR

AREA OF BLOCK (ABCD) = 58.12 X 7.93 = 460.99 SQ.M

STANDARD DEDUCTIONS -

1. 9.15 X 1.22 X 1 = 11.16 SQ.M

TOTAL DEDUCTIONS = 11.16 SQ.M

BALCONY STATEMENT -

FOR 1ST, 2ND, 3RD, 4TH, 5TH, 6TH, 7TH, 8TH, 9TH, 10TH & 11TH FL.

B1) 3.51 X 1.22 X 2 =	8.58
B2) 3.05 X 1.00 X 2 =	6.10
B3) 6.25 X 1.00 X 2 =	12.50
B4) 3.05 X 1.22 X 2 =	7.44
B5) 6.25 X 1.40 X 1 =	8.75
B6) 6.25 X 1.37 X 1 =	8.56

TOTAL = 52.60 SQ.M

F.S.I. STATEMENT (SQ.M.) - WING-A1A2

FLOORS	COMM.	B.U.P. AREA	BALCONY	STAIRCASE	FIRE STAIRCASE	PASSAGE	TENEMENTS	TERRACE	AREA	DRY BALCONY	LIFT & LIFT MACHINE RM. AREA	COVERED AREA
GROUND	291.13											
FIRST		353.35	53.00	52.65	15.86	16.79	34.58	08	70.67	64.18	32.61	
SECOND		353.35	53.00	52.65	15.86	16.79	34.58	08	70.67	64.18	32.61	
THIRD		353.35	53.00	52.65	15.86	16.79	34.58	08	70.67	64.18	32.61	
FOURTH		353.35	53.00	52.65	15.86	16.79	34.58	08	70.67	64.18	32.61	
FIFTH		353.35	53.00	52.65	15.86	16.79	34.58	08	70.67	64.18	32.61	
SIXTH		353.35	53.00	52.65	15.86	16.79	34.58	08	70.67	64.18	32.61	
SEVENTH		353.35	53.00	52.65	15.86	16.79	34.58	08	70.67	64.18	32.61	
EIGHTH		353.35	53.00	52.65	15.86	16.79	34.58	08	70.67	64.18	32.61	
NINTH		353.35	53.00	52.65	15.86	16.79	34.58	08	70.67	64.18	32.61	
TENTH		353.35	53.00	52.65	15.86	16.79	34.58	08	70.67	64.18	32.61	
ELEVENTH		353.35	53.00	52.65	15.86	16.79	34.58	08	70.67	64.18	32.61	
TOTAL	291.13	3886.85	583.00	579.15	174.46	184.61	380.38	88	777.37	719.23	358.71	484.36

4177.98 ADD IN F.S.I. = 8/UP+STAIRCASE+PASSAGE = 4177.98+174.46+380.38=4732.82 SQ.M

TERRACE STATEMENT -

FOR 1ST, 2ND, 3RD, 4TH, 5TH, 6TH, 7TH, 8TH, 9TH, 10TH & 11TH FL.

T1) 2.82 X 3.20 X 2 =	18.05
T2) 2.82 X 2.90 X 2 =	16.36
T3) 3.05 X 2.44 X 2 =	29.77

TOTAL = 64.18 SQ.M

FOR 2ND, 4TH, 6TH & 10TH FLOOR

T1) 2.87 X 3.20 X 2 =	17.09
T2) 2.87 X 2.90 X 2 =	15.49
T3) 6.25 X 2.74 X 2 =	34.25

TOTAL = 66.83 SQ.M

GROUND COVER AREA -

GROUND COVERED AREA =

FIRST FL. AREA = 151 FL. TERRACE AREA =

SECOND FL. TERRACE AREA =

FIRST FL. AREA = 353.35 SQ.M

353.35+64.18+66.83 = 484.36 SQ.M

GROUND COVER AREA = 484.36 SQ.M

REFUGE AREA REQUIRED

= 8 NOS. X 2 FLOORS X 3 PERSONS / FLAT X 30 SQ.M / PERSON = 24.00 SQ.M

PROPOSED REFUGE AREA =

A) 2.24 X 2.44 =	5.46
B) 1.42 X 8.54 =	12.12
TOTAL =	17.58
A1 NET AREA =	17.58 SQ.M
A2 NET AREA =	17.58 SQ.M

REFUGE AREA CALC.

SCALE: 1:200

WATER STORAGE TANK CAP. CALCULATION -

WATER REQ. IN Q/H. TANK

FOR COMMERCIAL - 291.13 SQ.M

291.13 / 24 X 45 LTRS = 4366.95 Ltrs.

FOR RESIDENTIAL - 88 NOS

88 TENA X 135 LTRS = 5940.00 Ltrs.

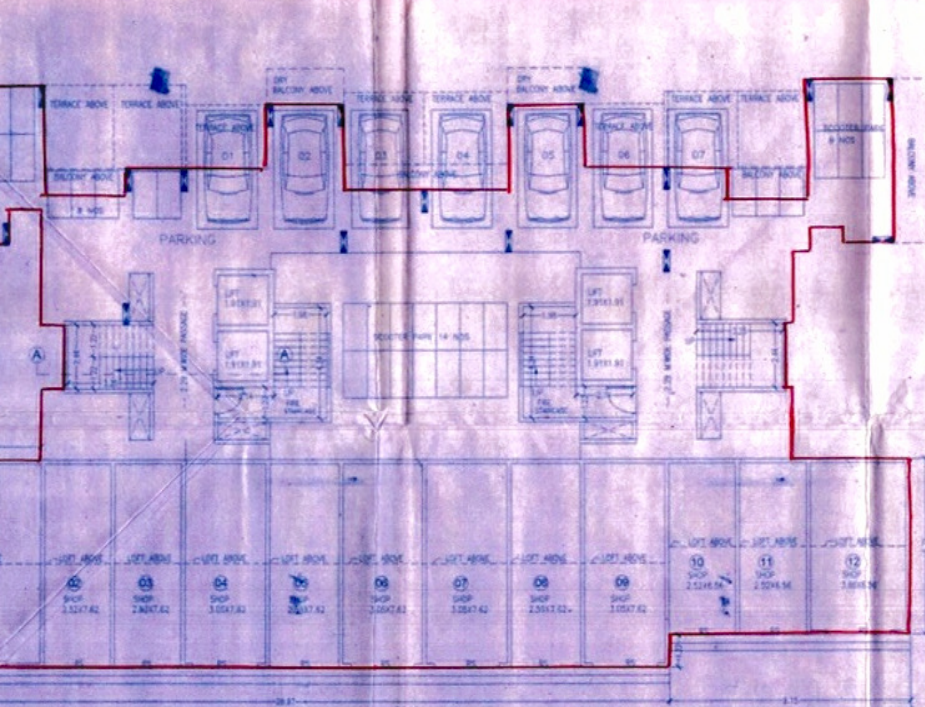
ADD FIRE FIGHTING = 20,000.00 Ltrs.

= 4366.95+5940.00+20,000 = 83,766.95 LTRS

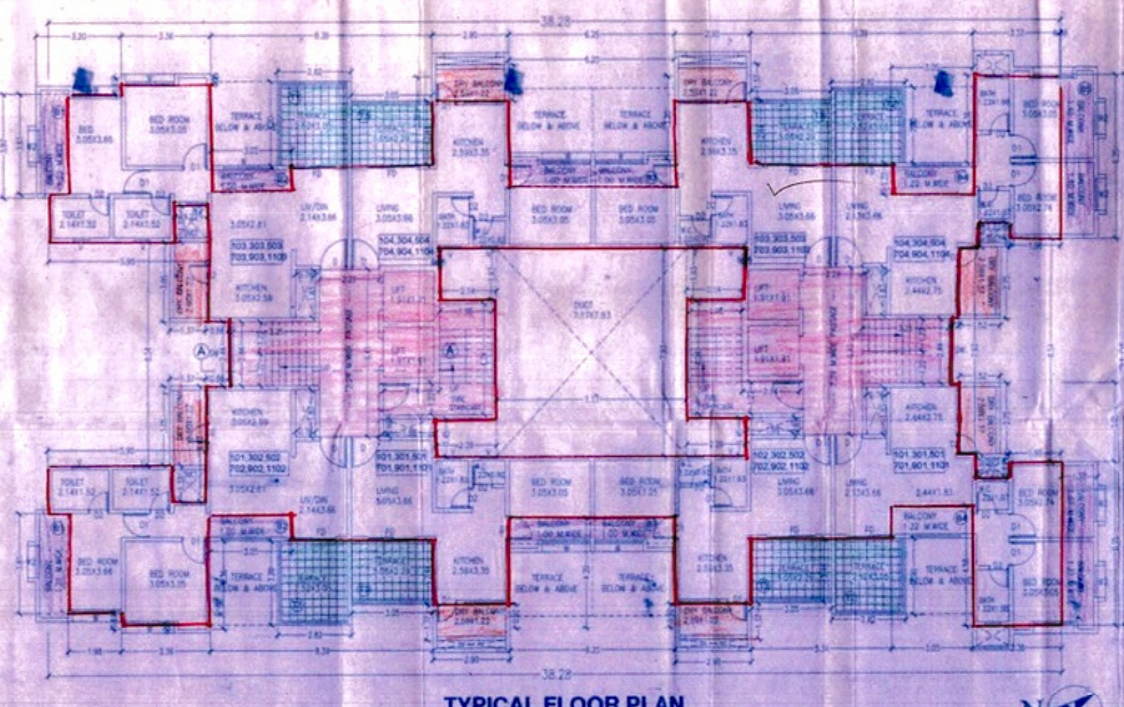
U/G. TANK CAP. = 83766.95 Ltrs. X 1.50

TOTAL = 95650.42 Ltrs.

U/G. TANK CAP. PROVISION = 95650.42+20000 = 1,15650.42 LTRS



GROUND FLOOR PLAN



TYPICAL FLOOR PLAN
(1ST, 3RD, 5TH, 7TH, 9TH & 11TH FLOOR)

WING-A1A2



No. PRE/...
Date: 15/07/2014
Sanctioned as per...
In this office - date...

Or...
Build...
Sign...
Add. Co...

PARKING STATEMENT

NO.	AREA	TYPE	NO.
1	100.00	01	
2	100.00	02	
3	100.00	03	
4	100.00	04	
5	100.00	05	
6	100.00	06	
7	100.00	07	
8	100.00	08	
9	100.00	09	
10	100.00	10	
11	100.00	11	
12	100.00	12	
13	100.00	13	
14	100.00	14	
15	100.00	15	
16	100.00	16	

ARCHITECT'S SIGN

PROPOSED BUILDING

S.NO. 57/11/1+2+3/1

UNDRI, PUNE

VILAS TALE

ARCHITECTS & INTERIORS

"SIDDHI GOLD" 1ST FLOOR

SHANKAR BETH ROAD, NEAR

GAUTAM PUNE 411007

EMAIL - vilas@vtds@gmail.com

DATE: 15/07/2014

SCALE: 1:100