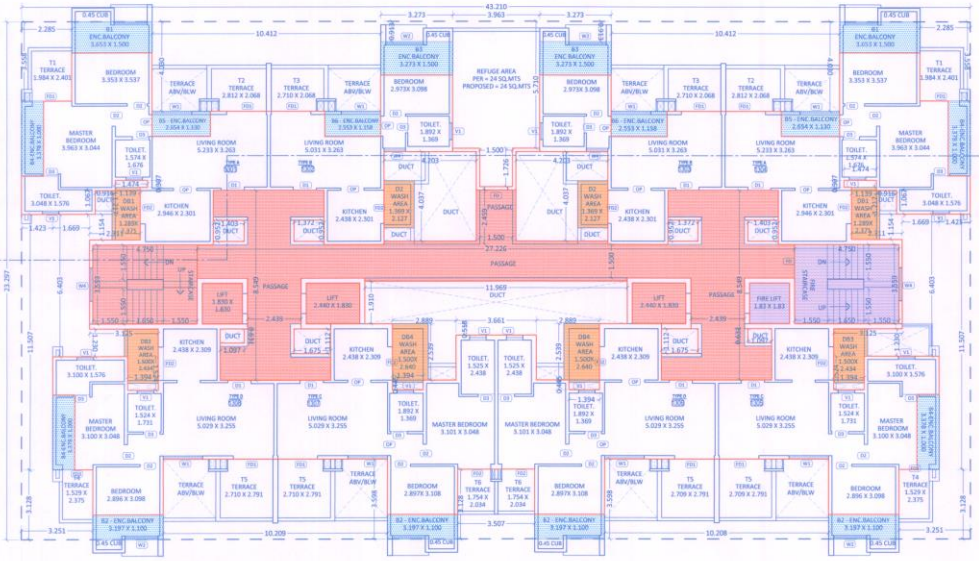
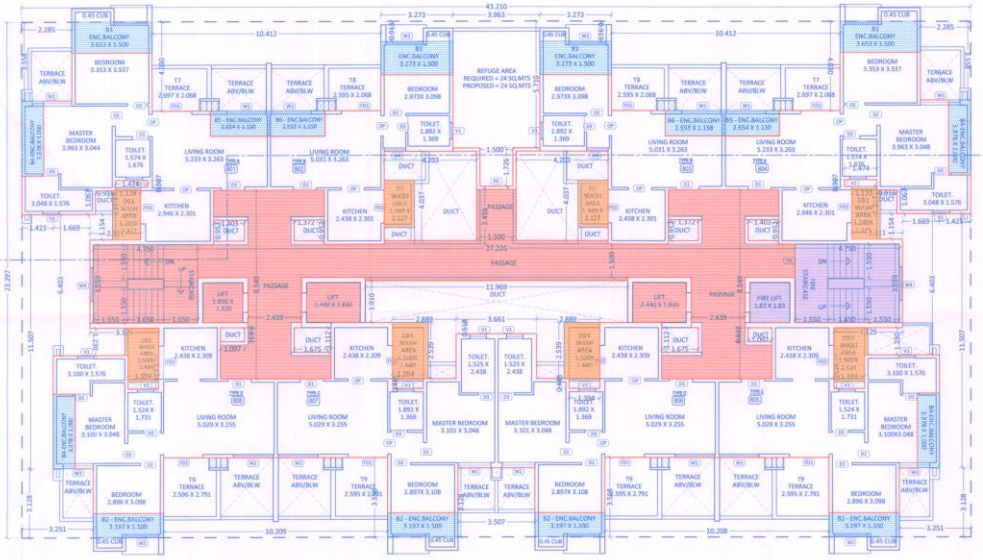
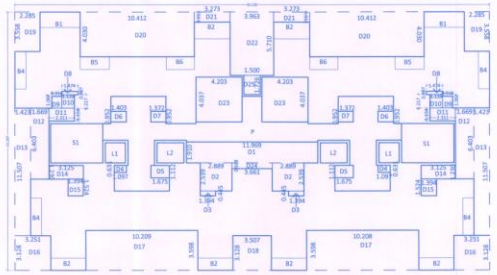


13TH FLOOR PLAN - REFUGE FLOOR - (BUILDING ' F ')- SCALE 1 : 100



8TH FLOOR PLAN - REFUGE FLOOR - (BUILDING ' F ')- SCALE 1 : 100



AREA DIAGRAM FOR 13TH FLOOR PLAN - REFUGE FLOOR - (BUILDING ' F ')- SCALE 1 : 200

AREA CALCULATIONS FOR TYPICAL 1ST ,2ND, 3RD, 4TH, 5TH, 6TH, 7TH, 9TH, 10TH, 11TH, 12TH, 14TH, 15TH FLOOR

DEDUCTIONS							
D1	11.869	X	1.910	X	1	=	22.661
D2	2.889	X	1.530	X	2	=	14.670
D3	1.394	X	0.445	X	2	=	1.241
D4	1.097	X	0.631	X	2	=	1.384
D5	1.675	X	1.112	X	2	=	3.725
D6	1.403	X	0.957	X	2	=	2.671
D7	1.372	X	0.952	X	2	=	2.612
D8	1.474	X	0.307	X	2	=	0.905
D9	0.916	X	1.067	X	2	=	1.955
D10	1.139	X	1.217	X	2	=	2.772
D11	2.311	X	1.154	X	2	=	5.334
D12	1.669	X	6.403	X	2	=	21.373
D13	1.423	X	11.507	X	2	=	32.746
D14	3.125	X	1.230	X	2	=	7.687
D15	1.394	X	1.524	X	2	=	4.249
D16	3.251	X	3.128	X	2	=	20.338
D17	10.209	X	3.598	X	2	=	73.460
D18	3.507	X	3.128	X	1	=	10.970
D19	2.285	X	3.558	X	2	=	16.260
D20	10.412	X	4.030	X	2	=	83.921
D21	3.273	X	0.913	X	2	=	5.975
D22	3.963	X	5.857	X	1	=	23.211
D23	10.208	X	4.037	X	1	=	41.208
D24	3.661	X	0.518	X	1	=	1.897
					TOTAL	=	403.430

AREA CALCULATIONS

CALCULATIONS FOR STAIRCASE, PASSAGE & LIFT								
S1	4.750	X	5.559	X	1	X	2	= 33.811
P1	5.036	X	1.349	X	1	X	2	= 13.587
P2	2.262	X	0.952	X	1	X	2	= 4.307
P3	0.736	X	1.500	X	1	X	2	= 2.208
P4	1.554	X	1.650	X	1	X	2	= 5.128
P5	2.439	X	3.940	X	1	X	2	= 19.219
P6	1.043	X	1.650	X	1	X	2	= 3.442
P7	1.857	X	1.500	X	1	X	2	= 5.571
P8	0.881	X	1.650	X	1	X	2	= 2.907
P9	2.260	X	0.630	X	1	X	2	= 2.848
P10	3.357	X	1.678	X	1	X	2	= 11.266
P11	1.675	X	1.196	X	1	X	2	= 4.007
P12	10.205	X	1.800	X	1	X	1	= 18.368
L1	1.830	X	1.830	X	1	X	2	= 6.698
L2	2.440	X	1.830	X	1	X	2	= 8.930
						TOTAL	=	142.297

AREA CALCULATIONS FOR

TOTAL AREA OF THE BLOCK
= 43.210 X 23.297
=1006.663 SQM.

AREA PER FLOOR
= AREA OF THE BLOCK - TOTAL DEDUCTIONS
= 1006.663 - (403.430 +142.297+ 60.114)
= 400.822 SQ.M.

BALCONY AREA FOR TYPICAL FLOORS -1ST,2ND,3RD,4TH,5TH,6TH,7TH,9TH, 10TH,11TH,12TH,14TH,15TH

CALCULATIONS FOR BALCONY							
B1	3.653	X	1.500	X	2	=	10.959
B2	3.197	X	1.205	X	4	=	15.410
B3	3.273	X	1.500	X	2	=	9.819
B4	3.378	X	1.000	X	4	=	13.512
B5	2.654	X	1.000	X	2	=	5.308
B6	2.553	X	1.000	X	2	=	5.106
					TOTAL	=	60.114

TERRACE AREA FOR 1ST, 3RD,5TH, 7TH, 9TH, 11TH, 15TH FLOOR

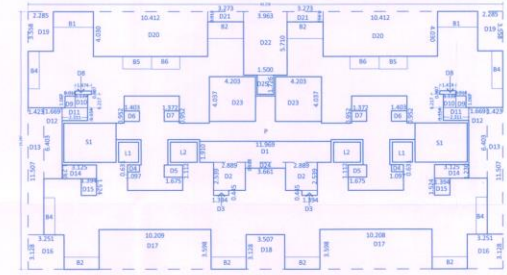
T1	1.984	X	2.401	X	2	=	9.527
T2	2.812	X	2.068	X	2	=	11.630
T3	2.710	X	2.068	X	2	=	11.220
T4	1.529	X	2.375	X	2	=	7.263
T5	2.710	X	2.791	X	4	=	30.254
T6	1.754	X	2.034	X	2	=	7.135
TOTAL						=	77.019

TERRACE AREA FOR TYPICAL 2ND, 4TH, 6TH, 10TH, 12TH, 14TH FLOOR

T7	2.697	X	2.068	X	2	=	11.155
T8	2.595	X	2.068	X	2	=	10.733
T9	2.595	X	2.791	X	4	=	28.982
TOTAL						=	50.869

WASH AREA FOR TYPICAL FLOORS (1ST TO 15TH)

DB1	1.289	X	2.371	X	2	=	6.112
DB2	1.369	X	2.127	X	2	=	5.824
DB3	1.500	X	2.434	X	2	=	7.302
DB4	1.500	X	2.640	X	2	=	7.920
TOTAL						=	27.158



AREA DIAGRAM FOR TYPICAL 8TH FLOOR PLAN - REFUGE FLOOR (BUILDING ' F ')- SCALE 1 : 200

AREA DIAGRAM OF PASSAGE FOR TYPICAL FLOORS - 8TH AND 13TH - REFUGE FLOORS - (BUILDING 'F') - SCALE 1 : 200

AREA CALCULATIONS

CALCULATIONS FOR PASSAGE							
P1	5.036	X	1.349	X	1	X	2 = 13.587
P2	2.262	X	0.952	X	1	X	2 = 4.307
P3	0.736	X	1.500	X	1	X	2 = 2.208
P4	1.554	X	1.650	X	1	X	2 = 5.128
P5	2.439	X	3.940	X	1	X	2 = 19.219
P6	1.043	X	1.650	X	1	X	2 = 3.442
P7	1.857	X	1.500	X	1	X	2 = 5.571
P8	0.881	X	1.650	X	1	X	2 = 2.907
P9	2.260	X	0.630	X	1	X	2 = 2.848
P10	3.357	X	1.678	X	1	X	2 = 11.266
P11	1.675	X	1.196	X	1	X	2 = 4.007
P12	10.205	X	1.800	X	1	X	1 = 18.368
P13	1.800	X	2.308	X	1	X	1 = 4.154
						TOTAL	= 97.012

STAMP OF APPROVAL

24

8TH &13TH REFUGE FLOOR PLAN AREA CALCULATIONS. - BUILDING 'F'

30

Approved as shown in ... subject to conditions mentioned in Annexure 'A' of letter No.PMC/R. No. 9515 /Mouza. Mulshi
S. No./G. No./CTS No. 29 & 41
Dated 5/3/2014

Metropolitan Commissioner and Chief Executive Officer
Pune Metropolitan Regional Development Authority, Pune

G	SCHEDULE OF OPENINGS	
D1 = 1.05 X 2.25	FD1 = 1.80 X 2.25	V1 = 0.60 X 0.90
D2 = 0.90 X 2.25	FD2 = 1.50 X 2.25	
D3 = 0.75 X 2.25	FD3 = 1.37 X 2.25	
O1 = 2.44 X 2.25	W1 = 1.80 X 1.80	
O2 = 0.90 X 2.25	W2 = 1.50 X 1.80	
O3 = 1.91 X 2.25	FD = 1.50 X 2.25 FIRE DOOR	

PROJECT
PROPOSED GROUP HOUSING PROJECT
AT S. NO-4/1, 4/2, 4/3/1, 4/4 & 60 / 1 (PART)
AT MHALUNGE, TAL.- MULSHI, DIST. - PUNE.

OWNER/POA HOLDER/DEVELOPER
SIDDHARTH PROPERTIES
- THROUGH PARTNER- ABHIJEET SHENDE & SWAPNIL SHENDE

SIGN OF ARCHITECT

LAISIONING ARCHITECT
Ar. JITENDRA J THAKKAR
CA/2001/28174

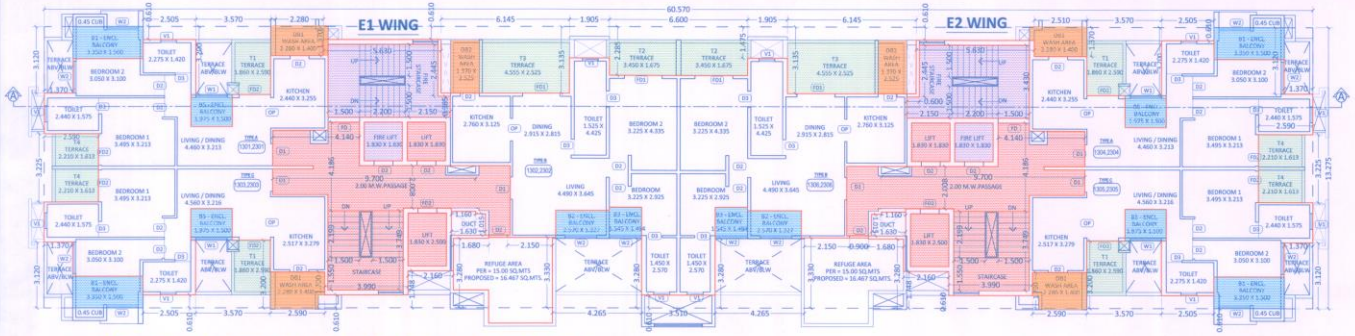
SIGN OF OWNER/P.A.H

DESIGN AND PROJECT ARCHITECTS:
ABHIKALPAN ARCHITECTS AND PLANNERS,
PUNE OFFICE ADDRESS:
301/2, SURVEY NO- 2/9 & 2/5-A,
"PURUSHOTTAM PLAZA", BANER ROAD,
PUNE - 411 045, INDIA.
TEL / FAX - 020 - 27292055

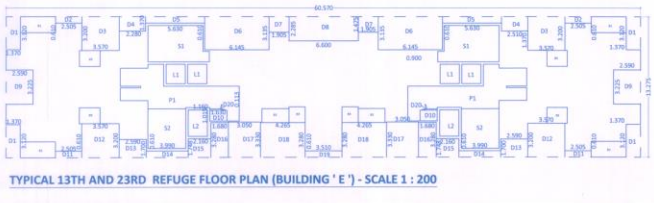
LAISIONING ARCHITECTS - JITENDRA THAKKAR

IDEAL DESIGN ARCHITECTS
ARCHITECTURAL & ALLIED SERVICES
IDA
DEVIKA HEIGHTS, OFFICE NO-8, 3RD FLOOR, BHAMBURDA, SHIVAJINAGAR, PUNE-411005 . MAHARASHTRA, INDIA
CONTACT - 09270021211, EMAIL - jitent@gmail.com

DRG.	SCALE	DATE	DRAWN	JOB NO.
Ar. Jitendra	1 : 100	08.01.2015	Neha.	2014-05



TYPICAL 13TH AND 23RD REFUGE FLOOR PLAN (BUILDING ' E ') - SCALE 1 : 100



TYPICAL 13TH AND 23RD REFUGE FLOOR PLAN (BUILDING ' E ') - SCALE 1 : 200

AREA CALCULATIONS FOR TYPICAL 8TH,13TH,18TH AND 23RD REFUGE FLOORS								
DEDUCTIONS								
D1	1.370	X	3.120	X	4	=	17.098	
D2	2.505	X	0.610	X	2	=	3.056	
D3	3.570	X	3.200	X	2	=	22.848	
D4	2.510	X	1.370	X	2	=	6.877	
D5	5.630	X	0.610	X	2	=	6.869	
D6	6.145	X	3.175	X	2	=	38.529	
D7	1.905	X	1.475	X	2	=	5.620	
D8	6.600	X	2.285	X	1	=	15.081	
D9	2.590	X	2.225	X	2	=	16.706	
D10	1.630	X	1.015	X	2	=	3.309	
D11	2.505	X	0.610	X	2	=	3.056	
D12	3.570	X	3.200	X	2	=	22.848	
D13	2.590	X	1.700	X	2	=	8.806	
D14	3.990	X	0.610	X	2	=	4.868	
D15	2.160	X	1.748	X	2	=	7.551	
D16	1.680	X	3.280	X	2	=	11.021	
D17	5.050	X	3.330	X	2	=	20.313	
D18	4.265	X	3.280	X	2	=	27.978	
D19	3.510	X	0.610	X	1	=	2.141	
D20	1.180	X	0.113	X	1	=	0.262	
						TOTAL =	244.837	

AREA CALCULATIONS								
CALCULATIONS FOR PASSAGE,LIFT,STAIRCASE								
S1	5.250	X	3.430	X	1	X	7	= 36.015
S2	0.600	X	0.985	X	1	X	2	= 1.182
S3	3.610	X	3.749	X	1	X	2	= 27.068
P1	2.640	X	1.688	X	1	X	2	= 8.913
P2	2.640	X	1.208	X	1	X	2	= 6.378
P3	0.700	X	0.150	X	1	X	2	= 0.210
P4	1.500	X	2.060	X	1	X	2	= 6.180
P5	3.610	X	2.126	X	1	X	2	= 15.350
P6	2.290	X	2.008	X	1	X	2	= 9.197
P7	1.160	X	2.157	X	1	X	2	= 5.004
P8	0.470	X	2.270	X	1	X	2	= 2.134
P9	1.180	X	3.280	X	1	X	2	= 7.753
L1	1.830	X	1.830	X	3	X	4	= 13.396
L1	1.830	X	2.500	X	1	X	2/	= 9.150
						TOTAL =		147.928

AREA CALCULATIONS FOR

TOTAL AREA OF THE BLOCK
= 60.571 X 13.275
=804.080 SQM.

AREA PER FLOOR
= AREA OF THE BLOCK - TOTAL DEDUCTIONS
= 804.080 - (244.837 +147.928+ 53.646)
= 804.080 - 446.411
= 357.669 SQ.M.

BALCONY AREA FOR TYPICAL -13TH AND 23RD REFUGE FLOOR								
CALCULATIONS FOR BALCONY								
B1	1.350	X	1.500	X	4	=	20.100	
B2	2.570	X	1.327	X	2	=	6.821	
B3	1.545	X	1.484	X	2	=	4.586	
B4	1.430	X	1.500	X	2	=	10.290	
B5	1.575	X	1.500	X	4	=	11.850	
					TOTAL	=	53.646	

WASH AREA FOR TYPICAL FLOORS (1ST TO 23RD)								
DB1	2.280	X	1.400	X	4	=	12.768	
DB2	1.370	X	2.525	X	2	=	6.918	
TOTAL						=	19.686	

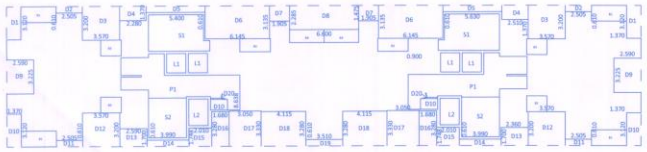
BALCONY AREA FOR TYPICAL -8TH & 18TH REFUGE FLOOR								
CALCULATIONS FOR BALCONY								
B1	1.350	X	1.500	X	4	=	20.100	
B2	2.915	X	1.223	X	2	=	7.130	
B3	1.300	X	1.230	X	2	=	3.198	
B4	1.225	X	1.000	X	2	=	6.450	
B5	1.975	X	1.500	X	4	=	11.850	
					TOTAL	=	53.648	

AREA DIAGRAM FOR STAIRCASE (BUILDING 'F') SCALE 1 : 200

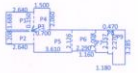
AREA CALCULATIONS								
CALCULATIONS FOR STAIRCASE, PASSAGE & LIFT								
S1	5.250	X	3.430	X	1	X	7	= 36.015
S2	0.600	X	0.985	X	1	X	2	= 1.182
S3	3.610	X	3.749	X	1	X	7	= 27.068
						TOTAL =		64.265

AREA DIAGRAM FOR LIFT (BUILDING 'E') SCALE 1 : 200

AREA CALCULATIONS								
CALCULATIONS FOR LIFT								
L1	1.830	X	1.830	X	4	=	13.396	
L2	1.830	X	2.500	X	2	=	9.150	
					TOTAL	=	22.546	



TYPICAL 8TH & 18TH REFUGE FLOOR PLAN (BUILDING ' E ') - SCALE 1 : 200



AREA DIAGRAM OF PASSAGE FOR REFUGE FLOORS - 8TH,13TH & 18TH FLOOR (BUILDING 'E') - SCALE 1 : 200

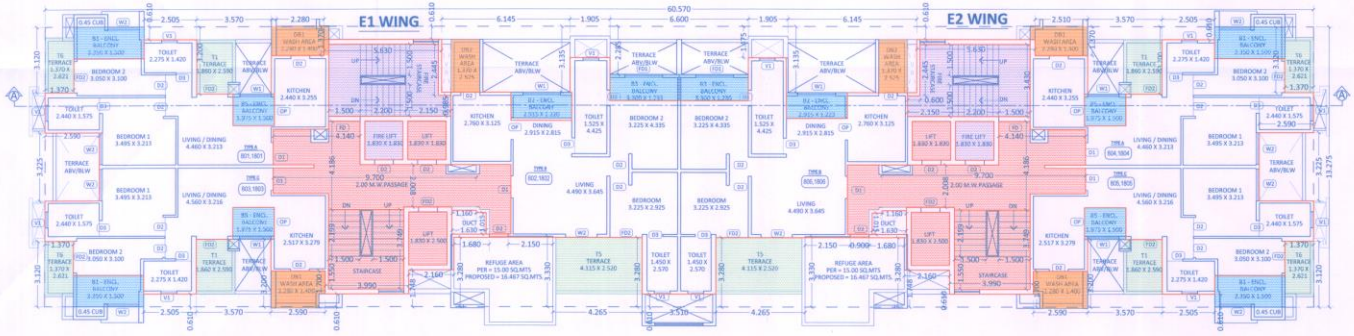
AREA CALCULATIONS								
CALCULATIONS FOR PASSAGE								
P1	2.640	X	1.688	X	1	X	2	= 8.913
P2	2.640	X	1.208	X	1	X	2	= 6.378
P3	0.700	X	0.150	X	1	X	2	= 0.210
P4	1.500	X	2.060	X	1	X	2	= 6.180
P5	3.610	X	2.126	X	1	X	2	= 15.350
P6	2.290	X	2.008	X	1	X	2	= 9.197
P7	1.160	X	2.157	X	1	X	2	= 5.004
P8	0.470	X	2.270	X	1	X	2	= 2.134
P9	1.180	X	3.280	X	1	X	2	= 7.753
						TOTAL =		61.118

CARPET AREA STATEMENT BUILDING - E -8TH,13TH,18TH AND 23RD REFUGE FLOORS.			
SR. NO.	TYPE	CARPET AREA IN SQ. MTS.	TOTAL NO. OF TENEMENTS
1	TYPE-B	68.34	8
		TOTAL	8

REFUGE AREA CALCULATIONS FOR (BLDG.'E1 & E2')			
FLOOR	NO. OF TENEMENT	NO. OF PERSONS	TOTAL
TWO FLOORS	3	5	15
	3	5	15
TOTAL	6	10	30

REQUIRED REFUGE AREA FOR (BUILDING 'E')
= 30 X 0.30
= 9.00 SQ.M.
MIN REQUIRED = 15.00 SQ.MTS

PROPOSED REFUGE AREA = 16.467 SQ.MTS.



TYPICAL 8TH & 18TH REFUGE FLOOR PLAN (BUILDING ' E ') - SCALE 1 : 100

STAMP OF APPROVAL

20

8TH , 13TH ,18TH,23TH
REFUGE FLOOR PLAN,
AREA CALCULATIONS. - BUILDING 'E'

30

Approved as shown/noted in ..... subject to conditions mentioned in Annexure 'A' of letter No.Pro/U/C.R. No. ..... S. No./G. No./CTS No. ..... Dated ..... Metropolitan Commissioner and Chief Executive Officer Pune Metropolitan Regional Development Authority, Pune.

G	SCHEDULE OF OPENINGS
D1 = 1.05 X 2.25	FD1 = 1.80 X 2.25 V1 = 0.60 X 0.90
D2 = 0.90 X 2.25	FD2 = 1.50 X 2.25 FIREDOOR
D3 = 0.75 X 2.25	FD3 = 1.37 X 2.25
O1 = 2.44 X 2.25	W1 = 1.80 X 1.80
O2 = 0.90 X 2.25	W2 = 1.50 X 1.80
O3 = 1.91 X 2.25	

PROJECT

PROPOSED GROUP HOUSING PROJECT
AT S. NO-4/1, 4/2, 4/3/1, 4/4 & 60 / 1 (PART)
AT MHALUNGE, TAL.- MULSHI, DIST. - PUNE.

OWNER/POA HOLDER/DEVLOPER

SIDDHARTH PROPERTIES
- THROUGH PARTNER- ABHIJEET SHENDE & SWAPNIL SHENDE

SIGN OF ARCHITECT

LAISONING ARCHITECT
Ar. JITENDRA J THAKKAR
CA/2001/28174

SIGN OF OWNER/P.A.H

DESIGN AND PROJECT ARCHITECTS:

ABHIKALPAN ARCHITECTS AND PLANNERS,

PUNE OFFICE ADDRESS:
301/2, SURVEY NO. 2/9 & 2/5-A,
"PURUSHOTTAM PLAZA", BANER ROAD,
PUNE - 411 045, INDIA.
TEL / FAX - 020 - 27202055

LAISONING ARCHITECTS - JITENDRA THAKKAR

IDEAL DESIGN ARCHITECTS
ARCHITECTURAL & ALLIED SERVICES
IDA
DEVIKA HEIGHTS, OFFICE NO-8, 3RD FLOOR, BHAMBURDA, SHIVAJINAGAR, PUNE-411005 , MAHARASHTRA, INDIA
CONTACT - 08370021211, EMAIL - jitenjt@gmail.com

DRG.	SCALE	DATE	DEALT	JOB NO.
Ar. Jitendra	1 : 100	08.01.2015	Neha.	2014-05