

B&P AREA CALCULATION OF 2ND FLOOR:			LIFT AREA CALCULATION:		
AX	42.80	X 33.20	=	1420.96	
TOTAL				1420.96	
DEDUCTIONS			TOTAL LIFT AREA = (6)		
1	5.50	X 1.35	=	7.43	
2	1.50	X 0.75	=	1.13	
3	14.85	X 0.20	=	2.87	
4	2.90	X 1.65	=	4.78	
5	8.80	X 0.75	=	7.50	
6	2.50	X 0.60	=	1.50	
7	2.50	X 3.20	=	8.28	
8	1.30	X 2.90	=	3.88	
9	2.50	X 3.20	=	8.00	
10	1.50	X 2.80	=	4.20	
11	0.50	X 6.40	=	3.20	
12	6.40	X 3.70	=	23.68	
13	1.55	X 6.65	=	10.31	
14	2.40	X 7.25	=	17.40	
15	1.15	X 6.65	=	7.65	
16	6.41	X 5.70	=	36.54	
17	3.80	X 6.45	=	24.51	
18	1.70	X 5.85	=	9.95	
19	8.20	X 3.50	=	28.70	
20	26.05	X 1.40	=	36.47	
21	26.05	X 2.35	=	62.63	
22	40.00	X 1.70	=	68.00	
23	27.75	X 3.40	=	94.18	
24	8.45	X 3.05	=	30.84	
25	5.15	X 2.05	=	10.58	
26	2.50	X 5.50	=	13.75	
27	2.40	X 1.95	=	4.68	
28	4.00	X 1.35	=	5.40	
29	6.40	X 0.90	=	5.76	
30	0.80	X 2.75	=	2.20	
31	4.10	X 3.30	=	13.53	
32	3.35	X 7.55	=	25.29	
33	2.25	X 3.40	=	7.65	
34	0.80	X 1.70	X 2	=	2.72
35	1.20	X 3.70	X 2	=	8.88
36	2.25	X 3.20	=	7.20	
37	0.85	X 2.40	=	2.04	
38	2.20	X 0.90	=	1.98	
39	1.60	X 2.75	=	4.40	
40	4.00	X 2.15	=	8.60	
41	1.10	X 1.95	=	2.15	
42	2.80	X 2.70	=	7.56	
43	2.30	X 7.05	=	16.22	
TOTAL DEDUCTIONS - (a)				632.86	
DUCT AREA CALCULATIONS					
01	1.55	X 2.15	X 2	=	6.66
02	1.55	X 2.15	=	3.33	
03	1.50	X 1.21	=	1.81	
04	2.40	X 2.25	=	5.40	
05	1.10	X 3.60	=	3.96	
06	0.40	X 1.35	=	0.54	
07	0.70	X 3.00	=	2.10	
08	1.25	X 1.15	=	1.44	
09	0.80	X 2.50	=	2.00	
10	2.15	X 0.70	=	1.50	
TOTAL DUCT AREA - (b)				52.00	

B-EUP AREA CALCULATION OF 1ST FLOOR & TYPICAL 3RD, 5TH & 6TH FLOOR:					LIFT AREA CALCULATION						
					L1	2.00	X	2.00	X	2 =	8.00
					L2	2.00	X	2.00	X	2 =	12.00
					TOTAL LIFT AREA = (C)						
					20.00						
A					42.80	X	33.20	=	1420.96		
					TOTAL						
					1420.96						
DEDUCTIONS:											
1					5.50	X	1.35	=	7.43		
2					7.05	X	0.75	=	5.29		
3					14.35	X	0.20	=	2.87		
4					2.90	X	1.65	=	4.78		
5					5.80	X	0.75	=	4.35		
6					2.50	X	0.60	=	1.50		
7					3.05	X	1.85	=	5.64		
8					1.15	X	2.80	=	3.22		
9					2.60	X	3.20	=	8.32		
10					1.55	X	2.60	=	4.03		
11					0.50	X	6.40	=	3.20		
12					6.40	X	3.70	=	23.68		
13					1.55	X	6.65	=	10.33		
14					2.50	X	7.25	=	18.13		
15					1.15	X	6.65	=	7.65		
16					6.41	X	5.70	=	36.54		
17					3.80	X	6.45	=	24.51		
18					1.70	X	5.85	=	9.94		
19					8.20	X	3.50	=	28.70		
20					26.05	X	1.40	=	36.47		
21					26.85	X	3.35	=	90.23		
22					8.05	X	1.70	=	13.69		
23					27.70	X	3.40	=	94.18		
24					8.65	X	3.65	=	31.54		
25					5.15	X	2.05	=	10.58		
26					1.60	X	5.50	=	8.80		
27					2.40	X	2.90	=	6.96		
28					4.00	X	1.35	=	5.40		
29					6.40	X	0.90	=	5.76		
30					0.80	X	2.75	=	2.20		
31					4.15	X	3.00	=	12.45		
32					3.35	X	7.50	=	25.29		
33					2.25	X	3.40	=	7.65		
34					0.60	X	1.70	X	2 =	2.04	
35					1.20	X	3.80	X	2 =	9.36	
36					2.25	X	3.20	=	7.20		
37					0.85	X	2.40	=	2.04		
38					2.20	X	0.90	=	1.98		
39					1.40	X	2.75	=	3.85		
40					4.60	X	2.15	=	9.89		
41					1.10	X	1.90	=	2.15		
42					2.80	X	2.70	=	7.56		
43					2.50	X	7.65	=	19.12		
					TOTAL DEDUCTIONS = (D)						
					628.64						
DUCT AREA CALCULATIONS:											
D1					1.55	X	1.15	X	2 =	3.60	
D2					1.05	X	2.15	=	2.25		
D3					1.50	X	2.25	=	3.38		
D4					2.40	X	1.25	=	3.00		
D5					1.10	X	3.60	=	3.96		
D6					0.40	X	2.35	=	0.94		
D7					6.70	X	3.00	=	20.10		
D8					1.25	X	1.15	=	1.44		
D9					0.80	X	2.50	=	2.00		
D10					2.15	X	0.70	=	1.51		
					TOTAL DUCT AREA = (E)						
					52.00						