T TTTT	NAME: PROPOSED R				I I A TEN	<u> </u>
LIENT:					DATE:	
				BY: S.M		
				CHEC	DRAWING NO.	<u> </u>
				KED	DAINING NO.	
				BY:		
				B.O		
				ALCULAT	TION	0.77
EF			CF	ALCULAT	ION	OUTP
	Design Properties and	d Parameters				
	Building Location				Juj	
	Site Location	aaa (1)			Site in Tow	n
	Aprox. Distance from s	sea (KIII)	Typic	cal h (m)	2.	7
	Floor to floor heights:			nd h (m)	۷.	3
	Building Use		Groun	id ii (iii)	Residentia	al
	No. of suspended floor	'S			1	
	Lateral Load resisting				Moment resisting concrete space fram	ie
		J		Size	Location	
	Size and location of lif	t core	()			
	Size and location of in	t core	x (m)	4	10	
	Tyma of structure		y (m)	1	5 Unbraced Fram	
	Type of structure		Ruilding	dimension	and Layout	
	Column arrangement	<u> </u>	Danding	VII31011		
		Nos.	6			
	dir. x	Spacing (m)	5			
	dir. y	Nos.	2			
		Spacing (m)	3			
	Total No. of columns		20			
	Section	h	450			
		b	400			
	Plan dimension		25			
	Length (m) Width (m)		25 3			
	Height (m)		40.8			75m2
	Treight (iii)			mic Classif	fication	7.51112
			nd timber-framed h		uildings), buildings of masonry	
	Kb=	0.5				0.5
	Height (m)	40.8				
	Cr=	0.023				0.023
	0.023	<	0.25		and;	
	40.8	<	300 m			
			200 111			
	Thomasona DS6200 D	autica annlica	bla to wind load			
	Therefore, BS6399-Pa	art2 is applica		d Characte	eristics	
			Win	d Characte		10
	Baic wind speed for Ju		Win V _b (m/s	(s)= 10		10
	Baic wind speed for Ju Site Wind Speed		Win V _b (m/s	$V_s = 10$ $V_s = V_{b*}S_{a*}S$		10
	Baic wind speed for Ju	ija area	$V_b (m/s) = 1+0.001$	$V_{s} = 10$ $V_{s} = V_{b*}S_{a*}S$ $\Delta S = \Delta S$		10
	Baic wind speed for Ju Site Wind Speed	ija area	V_{b} (m/s V_{b} (m/s V_{a} = 1+0.001* As (mm)=	$V_s = 10$ $V_s = V_{b*}S_{a*}S$ $V_b = 10$		
	Baic wind speed for Ju Site Wind Speed	ija area	$\begin{array}{c} \textbf{Win} \\ V_b (\text{m/s}) \\ V_b ($	$V_s = 10$ $V_s = V_{b*}S_{a*}S$ $V_b = 10$		
	Baic wind speed for Ju Site Wind Speed Altitude Factor,	ija area	$V_{b} \text{ (m/s)}$ $V_{a} \text{ (mm)} = 15$ $V_{b} \text{ (mm)} = 15$ $V_{a} \text{ (mm)} = 15$	$V_{s} = \frac{10}{V_{s}} V_{b*} S_{a*} S$ $V_{b*} \Delta S$ $V_{$		1550
	Baic wind speed for Ju Site Wind Speed Altitude Factor,	ija area	$\begin{array}{c c} \textbf{Win} \\ V_b \ (m/s) \\ \hline V_b \ (m/s) \\ \hline S_a = 1 + 0.001^s \\ S_a = 1 + 0.001^s \\ S_a = 2.55 \\ S_d = \end{array}$	$V_{s} = 0$ $V_{s} = V_{b*}S_{a*}S$ $V_{b*}S_{a*}S$ $V_{b*}S_$		1550 2.55
	Baic wind speed for Jungsite Wind Speed Altitude Factor, Direction factor, Seasonal factor,	ija area	$\begin{array}{c c} \textbf{Win} \\ V_b (\text{m/s}) \\ V_b $	$V_{s} = \frac{10}{V_{s}} V_{b*} S_{a*} S$ $V_{b*} \Delta S$ $V_{$		1550 2.55 1.0
	Baic wind speed for Ju Site Wind Speed Altitude Factor,	ija area	$\begin{array}{c c} \textbf{Win} \\ V_b \ (m/s) \\ \hline V_b \ (m/s) \\ \hline S_a = 1 + 0.001^s \\ S_a = 1 + 0.001^s \\ S_a = 2.55 \\ S_d = \\ S_s = \\ S_p = \\ \end{array}$	$V_{s} = \frac{10}{V_{b}*S_{a}*S}$ $V_{b}*\Delta S$	$S_{s*}S_{d*}S_{p}$	1550 2.55 1.0 1.0 1.0
	Baic wind speed for June Site Wind Speed Altitude Factor, Direction factor, Seasonal factor, Probability factor,	ija area	$\begin{array}{c c} \textbf{Win} \\ V_b \ (m/s) \\ V_b \ (m/s) \\ \hline \\ S_a = 1 + 0.001^s \\ S_a = 1 + 0.001^s \\ S_a = 2.55 \\ S_d = \\ S_s = \\ S_p = \\ V_s \ (m/s) \\ \hline \end{array}$	$V_{s} = V_{b*}S_{a*}S$ $V_{b*}S_{a*}S$ V_{b	S _s *S _d *S _p 5*1*1*1	1550 2.55 1.0 1.0
	Baic wind speed for June Site Wind Speed Altitude Factor, Direction factor, Seasonal factor, Probability factor,	ija area	$\begin{array}{c c} \textbf{Win} \\ V_b \ (m/s) \\ V_b \ (m/s) \\ \hline \\ S_a = 1 + 0.001^s \\ S_a = 1 + 0.001^s \\ S_a = 2.55 \\ S_d = \\ S_s = \\ S_p = \\ V_s \ (m/s) \\ \hline \end{array}$	$V_{s} = V_{b*}S_{a*}S$ $V_{s} = V_{b*}S_{a*}S$ $V_{b*}S_{a*}S$	S _s *S _d *S _p 5*1*1*1	1550 2.55 1.0 1.0 1.0
	Baic wind speed for June Site Wind Speed Altitude Factor, Direction factor, Seasonal factor, Probability factor,	ija area	$\begin{array}{c c} \textbf{Win} \\ V_b \ (m/s) \\ V_b \ (m/s) \\ \hline \\ S_a = 1 + 0.001^s \\ S_a = 1 + 0.001^s \\ S_a = 2.55 \\ S_d = \\ S_s = \\ S_p = \\ V_s \ (m/s) \\ \hline \end{array}$	$V_{s} = V_{b*}S_{a*}S$ $V_{b*}S_{a*}S$ V_{b	S _s *S _d *S _p 5*1*1*1	1550 2.55 1.0 1.0 1.0
	Baic wind speed for June Site Wind Speed Altitude Factor, Direction factor, Seasonal factor, Probability factor, Site wind Speed, He = Hr = 40.8m	ija area	$V_{b} \text{ (m/s)}$ $V_{b} \text{ (m/s)}$ $V_{b} \text{ (m/s)}$ $S_{a} = 1+0.001^{*}$ $S_{a} = 1+0.001^{*}$ $S_{d} = 2.55$ $S_{d} = S_{g} = S_{p} = V_{s} \text{ (m/s)}$	$V_{s} = V_{b*}S_{a*}S$	S _s *S _d *S _p 5*1*1*1	1550 2.55 1.0 1.0 1.0
	Baic wind speed for June Site Wind Speed Altitude Factor, Direction factor, Seasonal factor, Probability factor, Site wind Speed, He = Hr = 40.8m For the overal height, If The bulding is type;	ija area	$V_{b} \text{ (m/s)}$ $V_{b} \text{ (m/s)}$ $V_{b} \text{ (m/s)}$ $S_{a} = 1+0.001^{*}$ $S_{a} = 1+0.001^{*}$ $S_{d} = 2.55$ $S_{d} = S_{g} = S_{p} = V_{s} \text{ (m/s)}$	$V_{s} = V_{b*}S_{a*}S$	S _s *S _d *S _p 5*1*1*1	1550 2.55 1.0 1.0 1.0
	Baic wind speed for June Site Wind Speed Altitude Factor, Direction factor, Seasonal factor, Probability factor, Site wind Speed, He = Hr = 40.8m For the overal height, He bulding is type; Choice of method	ija area Δ	$V_{b} \text{ (m/s)}$ $V_{b} \text{ (m/s)}$ $V_{b} \text{ (m/s)}$ $S_{a} = 1+0.001^{*}$ $S_{a} = 1+0.001^{*}$ $S_{d} = 2.55$ $S_{d} = S_{g} = S_{p} = V_{s} \text{ (m/s)}$	$V_{s} = V_{b*}S_{a*}S$	S _s *S _d *S _p 5*1*1*1	1550 2.55 1.0 1.0 1.0
	Baic wind speed for June Site Wind Speed Altitude Factor, Direction factor, Seasonal factor, Probability factor, Site wind Speed, He = Hr = 40.8m For the overal height, If The bulding is type;	ija area Δ He =Hr and Site A	$V_{b} \text{ (m/s)}$ $V_{b} \text{ (m/s)}$ $S_{a}= 1+0.001^{\circ}$ $S_{a}= 1+0.001^{\circ}$ $S_{a}= 2.55$ $S_{d}=$ $S_{g}=$ $V_{s} \text{ (m/s)}$ e in Town and approximation of the control	$V_{s} = 10$ $V_{s} = V_{b*}S_{a*}S$ $V_{b*}S_{a*}S$ $V_{b*}S$	S _s *S _d *S _p 5*1*1*1 ure 8 km closest distance to sea upwind	1550 2.55 1.0 1.0 1.0
	Baic wind speed for June Site Wind Speed Altitude Factor, Direction factor, Seasonal factor, Probability factor, Site wind Speed, He = Hr = 40.8m For the overal height, He bulding is type; Choice of method Standard Method	ija area Δ He =Hr and Site A	$V_{b} \text{ (m/s)}$ $V_{b} \text{ (m/s)}$ $S_{a}= 1+0.001^{\circ}$ $S_{a}= 1+0.001^{\circ}$ $S_{a}= 2.55$ $S_{d}=$ $S_{g}=$ $V_{s} \text{ (m/s)}$ e in Town and approximation of the control	$V_{s} = 10$ $V_{s} = V_{b*}S_{a*}S$ $V_{b*}S_{a*}S$ $V_{b*}S$	S _s *S _d *S _p 5*1*1*1	1550 2.55 1.0 1.0 1.0
	Baic wind speed for Jungsite Wind Speed Altitude Factor, Direction factor, Seasonal factor, Probability factor, Site wind Speed, He = Hr = 40.8m For the overal height, For the overa	ija area Δ He =Hr and Site A dimensions	$V_{b} \text{ (m/s)}$ $V_{b} \text{ (m/s)}$ $S_{a}= 1+0.001^{\circ}$ $S_{a}= 1+0.001^{\circ}$ $S_{a}= 2.55$ $S_{d}=$ $S_{g}=$ $V_{s} \text{ (m/s)}$ e in Town and approximation of the control	$V_{s} = 10$ $V_{s} = V_{b*}S_{a*}S$ $V_{b*}S_{a*}S$ $V_{b*}S$	S _s *S _d *S _p 5*1*1*1 ure 8 km closest distance to sea upwind	1550 2.55 1.0 1.0 1.0
	Baic wind speed for Ju Site Wind Speed Altitude Factor, Direction factor, Seasonal factor, Probability factor, Site wind Speed, He = Hr = 40.8m For the overal height, I The bulding is type; Choice of method Standard Method x- direction building of D (m)=	ija area Δ He =Hr and Site A dimensions 25	$V_{b} \text{ (m/s)}$ $V_{b} \text{ (m/s)}$ $S_{a}= 1+0.001^{\circ}$ $S_{a}= 1+0.001^{\circ}$ $S_{a}= 2.55$ $S_{d}=$ $S_{g}=$ $V_{s} \text{ (m/s)}$ e in Town and approximation of the control	$V_{s} = 10$ $V_{s} = V_{b*}S_{a*}S$ $V_{b*}S_{a*}S$ $V_{b*}S$	S _s *S _d *S _p 5*1*1*1 ure 8 km closest distance to sea upwind	1550 2.55 1.0 1.0 1.0
	Baic wind speed for Ju Site Wind Speed Altitude Factor, Direction factor, Seasonal factor, Probability factor, Site wind Speed, He = Hr = 40.8m For the overal height, I The bulding is type; Choice of method Standard Method x- direction building of D (m)= B (m)=	ija area He =Hr and Site A dimensions 25 3	$V_b (m/s)$ $V_b (m/s)$ $S_a = 1+0.001^s$ $S_a = 1+0.001^s$ $S_a = 2.55$ $S_d = S_p = V_s (m/s)$ $V_s (m/s)$ $V_s (m/s)$ $V_s (m/s)$	$V_{s} = 10$ $V_{s} = V_{b*}S_{a*}S$ $V_{b*}S_{a*}S$ $V_{b*}S$	S _s *S _d *S _p 5*1*1*1 ure 8 km closest distance to sea upwind	1550 2.55 1.0 1.0 1.0
	Baic wind speed for Ju Site Wind Speed Altitude Factor, Direction factor, Seasonal factor, Probability factor, Site wind Speed, He = Hr = 40.8m For the overal height, If The bulding is type; Choice of method Standard Method x- direction building of D (m)= B (m)= Dividing the building is	ija area He =Hr and Site A dimensions 25 3 nto parts	$V_{b} \text{ (m/s)} \\ V_{b} \text{ (m/s)} \\ V_{b} \text{ (m/s)} \\ V_{b} \text{ (m/s)} \\ V_{b} \text{ (m/s)} \\ V_{a} = 1+0.001^{*} \\ S_{a} = 1+0.001^{*} \\ S_{a} = 2.55 \\ S_{d} = \\ S_{p} = V_{b} \\ V_{b} \text{ (m/s)} \\ V_{b} \text{ (m/s)}$	$V_{s} = 10$ $V_{s} = V_{b*}S_{a*}S$ $V_{b*}S_{a*}S$ $V_{b*}S$	S _s *S _d *S _p 5*1*1*1 ure 8 km closest distance to sea upwind	1550 2.55 1.0 1.0 1.0
	Baic wind speed for Ju Site Wind Speed Altitude Factor, Direction factor, Seasonal factor, Probability factor, Site wind Speed, He = Hr = 40.8m For the overal height, I The bulding is type; Choice of method Standard Method x- direction building of D (m)= B (m)=	ija area He =Hr and Site A dimensions 25 3	$V_b (m/s)$ $V_b (m/s)$ $S_a = 1+0.001^s$ $S_a = 1+0.001^s$ $S_a = 2.55$ $S_d = S_p = V_s (m/s)$ $V_s (m/s)$ $V_s (m/s)$ $V_s (m/s)$	$V_{s} = V_{b*}S_{a*}S$ V_{s	S _s *S _d *S _p 5*1*1*1 ure 8 km closest distance to sea upwind	1550 2.55 1.0 1.0 1.0

$S_{\mathbf{b}}$	1.81	1.94	2.00	Ī					
y- direction building		1.71	2.00						
D (m)=									
B (m)= Dividing the building		<u> </u>							
Ref	H1	H2							
Zone	0-25	25-40.8							
Hr	25	40.8							
S _b	1.95	2.00							
			Standard ef	fective	wind spe	ed			
$V_e = V_s * S_b$									
For the overal height,			vn and appro	ximatel	y 8 km cl	osest dist	ance to sea	upwind	
$S_b = Ve =$	2.00 25.5*								5
Ve =		kN/m^2							`
+	31	KI V/III	Dynamic v	wind pr	essure, a				
q _s =0.613V	V ²		D J Humile	············ pr	<u>essure, q</u>	<u>s</u>			
_	= 0.613*51^2								
qs=		kN/m^2							1.59
1			Pressu	re Coef	ficient				
Re-entrant corner is ig									
Funneling is not consi	idered, the assu	_		adjacer	nt building	g has been	n made		
		Pnet=	Pe-Pı qs*Cpe*Ca						
			qs*Cpi*Ca						
			qsCa(Cpe-C	pi)	qsCaCpr	et			
Type of walls				- /	. 1-				
Four walls equally per	rmeable; roof								-(
impermeable	, = 52				Cpi=			-0.3	-(
			External p	ressure	coeficier	ıt			
x- direction building	•								
D (m)= B (m)=									
Dividing the building		3							
Ref	H1	Н2	Н3						
Zone	0-3	3-37.8	37.8-40.8	Ţ					
Hr	3	37.8	40.8	 					
D/H	8.333 0.24	0.661	0.613						0
Cpe y- direction building		0.83	0.83						⊣ "
D(m)=									
B (m)=									
Dividing the building	1 1	2							
Ref	H1	H2							
Zone Hr	0-25 25	25-40.8 40.8							
D/H	0.120	0.074							
Сре	0.85	0.85							0.
	nt for the leewa	ard side we	re ignored as	s wind f	orce comp	outed wil	l be applied	d in both directions of the	
modelled frame			Q:	00 . 0					Ī
			>170	0 1 1 2 2 4 1 1	noto=				
For buildings of type	A the size effect	et factor C		effect fa					
For buildings of type Wind in x-dir,				lding is			Ca=	0.86	
	,	a=	a, of the bui	lding is 2=	given by;		Ca= Ca=	0.86 0.86	
Wind in x-dir,	,	a= a=^	Sa, of the builty $\sqrt{40.8}^2 + 3^2$	lding is 2= 2=	given by; 40.91 47.85			0.86	1.5
Wind in x-dir, Wind in z-dir,	,	a= a=v (0.8	Fa, of the builty $\sqrt{40.8}^2 + 3^2 = \sqrt{40.8}^2 + 25^2 = \sqrt{40.8}^2 + 25^2 = \sqrt{5} = 0.3$	Iding is 2= 2= 4413*0 4413*0	given by; 40.91 47.85 .86		Ca=	0.86 kN/m ²	
Wind in x-dir, Wind in z-dir, Net wind pressure on walls	x-dir, Pe= z-dir, Pe=	a= a=\ (0.8 (0.8	Ea, of the builty $\sqrt{40.8^2+3^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{50.3}$ $\sqrt{50.3}$	lding is 2= 2= 4413*0 4413*0 ntal win	given by; 40.91 47.85 .86		Ca= 1.5769 1 1.5769 1	0.86 kN/m ² kN/m ²	1.5
Wind in x-dir, Wind in z-dir, Net wind pressure on walls Roof level	x-dir, Pe= z-dir, Pe= $\frac{1}{2}$ dir, Ax (m ²)=	a= a=v (0.8 (0.8	Ea, of the builty $\sqrt{40.8^2+3^2}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ 40	Iding is 2= 2= 4413*0 4413*0 htal win 42.7*25	given by; 40.91 47.85 .86		Ca= 1.5769 1 1.5769 1 33.75	0.86 kN/m ² kN/m ² Fx=1.576874457*33.75	53.2
Wind in x-dir, Wind in z-dir, Net wind pressure on walls Roof level	x-dir, Pe= z-dir, Pe= $\frac{1}{2}$ dir, Ax (m ²)= -dir, Az (m ²)=	a= a=v (0.8 (0.8	Ea, of the builty $\sqrt{40.8^2+3^2}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ $\sqrt{40.8^2+25^4}$ 40	lding is 2= 2= 4413*0 4413*0 ntal win	given by; 40.91 47.85 .86		Ca= 1.5769 1 1.5769 1	0.86 kN/m ² kN/m ² Fx=1.576874457*33.75 Fx=1.576874457*4.05	1.5 1.5 53.3 6.3
Wind in x-dir, Wind in z-dir, Net wind pressure on walls Roof level	x-dir, Pe= z-dir, Pe= $\frac{dir, Ax (m^2)}{dir, Az (m^2)}$ $\frac{dir, Ax (m^2)}{dir, Ax (m^2)}$	a= a=v (0.8 (0.8	Ea, of the builty $\sqrt{40.8}^2 + 3^2 = \sqrt{40.8}^2 + 25^2 = \sqrt{40.8}^2 + 25^2 = \sqrt{5} = 0.3$ Horizon 0.5*	Iding is 2= 2= 4413*0 4413*0 htal win 42.7*25	given by; 40.91 47.85 .86		Ca= 1.5769 1 1.5769 1 33.75	0.86 kN/m ² kN/m ² Fx=1.576874457*33.75 Fx=1.576874457*4.05 Fx=67.5*1.576874457	53.: 6.3 106
Wind in x-dir, Wind in z-dir, Net wind pressure on walls Roof level	x-dir, Pe= z-dir, Pe= $\frac{1}{2}$ dir, Ax (m ²)= -dir, Az (m ²)= -dir, Az (m ²)= -dir, Az (m ²)=	a= a=v (0.8 (0.8	Ea, of the builty $\sqrt{40.8^2+3^2}$ $\sqrt{40.8^2+3^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $40.8^2+25^$	Iding is 2= 2= 4413*0 4413*0 wintal win *2.7*25 *2.7*3	given by; 40.91 47.85 .86		Ca= 1.5769 1 1.5769 1 33.75 4.05	0.86 kN/m ² kN/m ² Fx=1.576874457*33.75 Fx=1.576874457*4.05 Fx=67.5*1.576874457 Fx=8.1*1.576874457	53.: 6.3 106
Wind in x-dir, Wind in z-dir, Net wind pressure on walls Roof level Other typical floors	x-dir, Pe= z-dir, Pe= dir, Ax (m ²)= -dir, Az (m ²)= -dir, Az (m ²)= -dir, Az (m ²)= -dir, Ax (m ²)=	a= a=v (0.8 (0.8	Ea, of the builty $\sqrt{40.8^2+3^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{55-0.3}$ $\sqrt{55-0.3}$ $\sqrt{55-0.3}$ $\sqrt{55-0.3}$ $\sqrt{55-0.3}$ $\sqrt{55-0.3}$ $\sqrt{55-0.3}$	Iding is 2= 2= 4413*0 4413*0 1tal win *2.7*25 *2.7*3	given by; 40.91 47.85 .86		Ca= 1.5769 1 1.5769 1 33.75 4.05 67.50	0.86 kN/m ² kN/m ² Fx=1.576874457*33.75 Fx=1.576874457*4.05 Fx=67.5*1.576874457	1.5 53. 6.3 106 12.
Wind in x-dir, Wind in z-dir, Net wind pressure on walls Roof level Other typical floors Ground floor	x-dir, Pe= z-dir, Pe= $\frac{1}{2}$ dir, Ax (m ²)= $\frac{1}{2}$ dir, Ax (m ²)= $\frac{1}{2}$ dir, Az (m ²)= $\frac{1}{2}$ dir, Az (m ²)= $\frac{1}{2}$ dir, Az (m ²)=	a= a=v (0.8 (0.8	Ea, of the builty $\sqrt{40.8^2+3^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ 40.8^2+25	Iding is 2= 2= 4413*0 4413*0 1tal win 42.7*25 42.7*3 13*25 33*3	given by; 40.91 47.85 .86		Ca= 1.5769 1 1.5769 1 33.75 4.05 67.50 8.10	0.86 kN/m ² kN/m ² Fx=1.576874457*33.75 Fx=1.576874457*4.05 Fx=67.5*1.576874457 Fx=8.1*1.576874457	1.5 53. 6.3 106 12.
Wind in x-dir, Wind in z-dir, Net wind pressure on walls Roof level Other typical floors	x-dir, Pe= z-dir, Pe= $\frac{1}{2}$ dir, Ax (m ²)= $\frac{1}{2}$ dir, Ax (m ²)= $\frac{1}{2}$ dir, Az (m ²)= $\frac{1}{2}$ dir, Az (m ²)= $\frac{1}{2}$ dir, Az (m ²)=	a= a=v (0.8 (0.8	Ea, of the builty $\sqrt{40.8^2+3^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ 40.8^2+25	Iding is 2= 2= 4413*0 4413*0 1tal win 42.7*25 42.7*3 13*25 33*3	given by; 40.91 47.85 .86		Ca= 1.5769 1 1.5769 1 33.75 4.05 67.50 8.10 75.00	0.86 kN/m ² kN/m ² Fx=1.576874457*33.75 Fx=1.576874457*4.05 Fx=67.5*1.576874457 Fx=8.1*1.576874457 Fx=75*1.576874457	1.5 53. 6.3 106 12.
Wind in x-dir, Wind in z-dir, Net wind pressure on walls Roof level Other typical floors Ground floor Tabulated summary	x-dir, Pe= z-dir, Pe= $\frac{1}{2}$ dir, Ax (m ²)= $\frac{1}{2}$ dir, Ax (m ²)= $\frac{1}{2}$ dir, Ax (m ²)= $\frac{1}{2}$ dir, Az (m ²)= $\frac{1}{2}$ of lateral force	a= a=\(0.8 (0.8	Ca, of the buil \(\sqrt{40.8}^2 + 3^2\) \(\sqrt{40.8}^2 + 25^\) \(\sqrt{50.3}^* 1.59\) \(\sqrt{650.3}^* 1.59\) \(\sqrt{150.3}^* 1.59\) \(\sqrt{150.5}^* \) \(\sqrt{250.5}^* \) \(25	Iding is 2= 2= 4413*0 4413*0 1tal win 42.7*25 42.7*3 13*25 13*3 rection	given by; 40.91 47.85 .86 d loads	Net	Ca= 1.5769 1 1.5769 1 33.75 4.05 67.50 8.10 75.00 9.00	0.86 kN/m ² kN/m ² Fx=1.576874457*33.75 Fx=1.576874457*4.05 Fx=67.5*1.576874457 Fx=8.1*1.576874457 Fx=75*1.576874457 Fx=9*1.576874457	1.5 53. 6.3 106 12.
Wind in x-dir, Wind in z-dir, Net wind pressure on walls Roof level Other typical floors Ground floor	x-dir, Pe= z-dir, Pe= $\frac{1}{2}$ dir, Ax (m ²)= $\frac{1}{2}$ dir, Ax (m ²)= $\frac{1}{2}$ dir, Ax (m ²)= $\frac{1}{2}$ dir, Az (m ²)= $\frac{1}{2}$ of lateral force	a= a=v (0.8 (0.8	Ea, of the builty $\sqrt{40.8^2+3^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ 40.8^2+25	Iding is 2= 2= 4413*0 4413*0 1tal win 42.7*25 42.7*3 13*25 33*3	given by; 40.91 47.85 .86 .86 d loads	Net qs(kN/	Ca= 1.5769 1 1.5769 1 33.75 4.05 67.50 8.10 75.00 9.00 Force	0.86 kN/m ² kN/m ² Fx=1.576874457*33.75 Fx=1.576874457*4.05 Fx=67.5*1.576874457 Fx=8.1*1.576874457 Fx=75*1.576874457	1.5 53. 6.3 106 12.
Wind in x-dir, Wind in z-dir, Net wind pressure on walls Roof level Other typical floors Ground floor Tabulated summary Level	x-dir, Pe= z-dir, Pe= dir, Ax (m²)= -dir, Az (m²)=	a= a=v (0.8 (0.8	Ca, of the buil \(\sqrt{40.8}^2 + 3^2\) \(\sqrt{40.8}^2 + 25^\) \(\sqrt{40.8}^2 + 25^\) \(\sqrt{50.3}^* + 1.59\) \(\sqrt{1.59}\) \(1.	Iding is 2= 2= 4413*0 4413*0 1tal win 42.7*25 2.7*3 3*25 3*3 rection Ve	given by; 40.91 47.85 .86 .86 d loads qs(kN/ m²)	Net qs(kN/ m²)	Ca= 1.5769 1 1.5769 1 33.75 4.05 67.50 8.10 75.00 9.00 Force (kN)	0.86 kN/m ² kN/m ² Fx=1.576874457*33.75 Fx=1.576874457*4.05 Fx=67.5*1.576874457 Fx=8.1*1.576874457 Fx=75*1.576874457 Fx=9*1.576874457	1.5 53. 6.3 106 12.
Wind in x-dir, Wind in z-dir, Net wind pressure on walls Roof level Other typical floors Ground floor Tabulated summary Level	x-dir, Pe= z-dir, Ax (m ²)= -dir, Az (a= a=v (0.8 (0.8 Vs	Ca, of the buil \(\sqrt{40.8}^2 + 3^2 \) \(\sqrt{40.8}^2 + 25^6 \) \(\sqrt{50.3} \)*1.59 \(\text{Horizor} \) \(0.5^* \) \(0.5 \) \(2 \) \(2ments in different in diffe	Iding is 2= 2= 4413*0 4413*0 1tal win 2.7*25 2.7*3 3*25 3*3 rection Ve	qs(kN/ m²)	Net qs(kN/ m²) 1.58	Ca= 1.5769 1 1.5769 1 33.75 4.05 67.50 8.10 75.00 9.00 Force (kN) 53.22	0.86 kN/m ² kN/m ² Fx=1.576874457*33.75 Fx=1.576874457*4.05 Fx=67.5*1.576874457 Fx=8.1*1.576874457 Fx=75*1.576874457 Fx=9*1.576874457 Mj (kNm) *10 ³ 2.1714	1.5 53. 6.3 106 12.
Wind in x-dir, Wind in z-dir, Net wind pressure on walls Roof level Other typical floors Ground floor Tabulated summary Level	x-dir, Pe= z-dir, Ax (m ²)= -dir, Az (m ²)=	a= a=v (0.8 (0.8 Vs 25.5 25.5	Ea, of the buil $\sqrt{40.8^2+3^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{40.8^2+25^2}$ $\sqrt{50.3}$ $\sqrt{50.3}$ $\sqrt{50.3}$ $\sqrt{50.3}$ $\sqrt{50.3}$ $\sqrt{50.3}$ $\sqrt{50.3}$ $\sqrt{50.3}$ $\sqrt{50.3}$ $\sqrt{50.3}$ $\sqrt{50.3}$ $\sqrt{50.3}$ $\sqrt{50.3}$ $\sqrt{50.3}$	Iding is 2= 2= 4413*0 4413*0 1	qs(kN/m²) 1.59 1.59	Net qs(kN/ m²) 1.58 1.58	Ca= 1.5769 1 1.5769 1 33.75 4.05 67.50 8.10 75.00 9.00 Force (kN) 53.22 106.44	0.86 kN/m² kN/m² Fx=1.576874457*33.75 Fx=1.576874457*4.05 Fx=67.5*1.576874457 Fx=8.1*1.576874457 Fx=75*1.576874457 Fx=9*1.576874457 Mj (kNm) *10³ 2.1714 4.0553	53.2
Wind in x-dir, Wind in z-dir, Net wind pressure on walls Roof level Other typical floors Ground floor Tabulated summary Level	x-dir, Pe= z-dir, Ax (m ²)= -dir, Az (a= a=v (0.8 (0.8 Vs	Ca, of the buil \(\sqrt{40.8}^2 + 3^2 \) \(\sqrt{40.8}^2 + 25^6 \) \(\sqrt{50.3} \)*1.59 \(\text{Horizor} \) \(0.5^* \) \(0.5 \) \(2 \) \(2ments in different in diffe	Iding is 2= 2= 4413*0 4413*0 1tal win 2.7*25 2.7*3 3*25 3*3 rection Ve	qs(kN/ m²)	Net qs(kN/ m²) 1.58	Ca= 1.5769 1 1.5769 1 33.75 4.05 67.50 8.10 75.00 9.00 Force (kN) 53.22	0.86 kN/m ² kN/m ² Fx=1.576874457*33.75 Fx=1.576874457*4.05 Fx=67.5*1.576874457 Fx=8.1*1.576874457 Fx=75*1.576874457 Fx=9*1.576874457 Mj (kNm) *10 ³ 2.1714	1.5 53 6.3 106. 12 118.

0	0	25.5	2	51	1.59	1.58	118.27	0 32.7938638636147 kNm	32.7938638 636147 kNm
1st	3	25.5	2	51	1.59	1.58	106.44	0.3193	_
2nd	5.7	25.5	2	51	1.59	1.58	106.44	0.6067	
3rd	8.4	25.5	2	51	1.59	1.58	106.44	0.8941	
4th	11.1	25.5	2	51	1.59	1.58	106.44	1.1815	
5th	13.8	25.5	2	51	1.59	1.58	106.44	1.4689	1
6th	16.5	25.5	2	51	1.59	1.58	106.44	1.7562	1
7th	19.2	25.5	2	51	1.59	1.58	106.44	2.0436	1
8th	21.9	25.5	2	51	1.59	1.58	106.44	2.3310	1
9th	24.6	25.5	2	51	1.59	1.58	106.44	2.6184]
10th	27.3	25.5	2	51	1.59	1.58	106.44	2.9058	