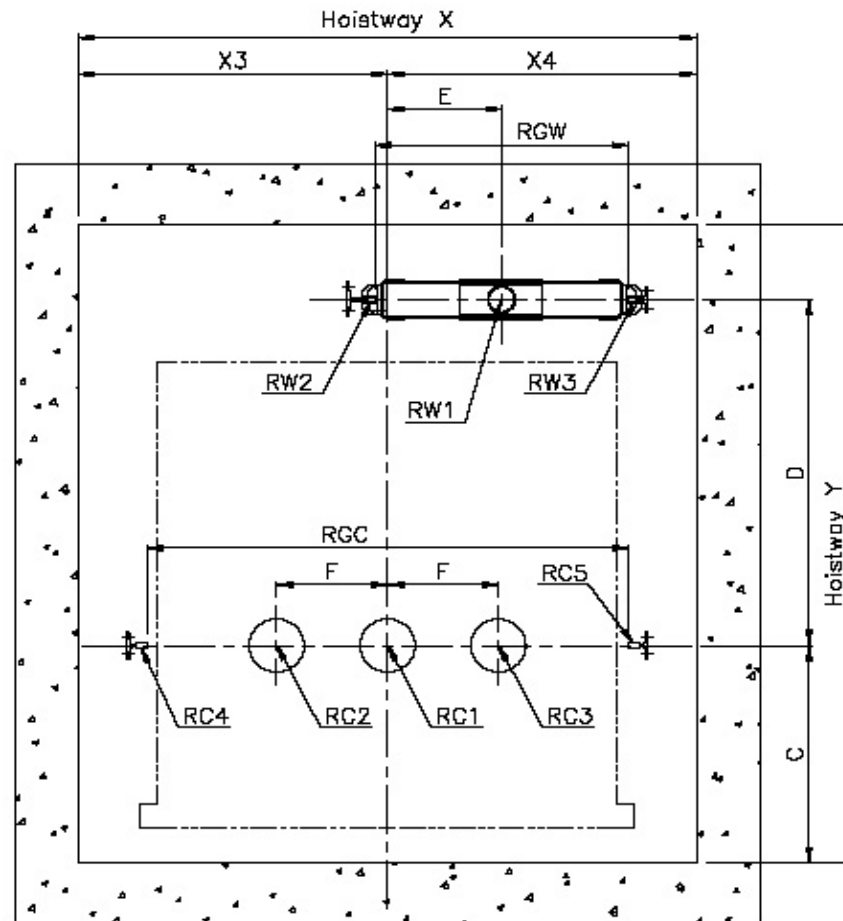


Pit Reaction Loadings and Locations for UAG Model
Based on Singapore (CP2) Regulations

Hoistway Plan



Pit Reaction Loadings and Locations for UAG Model
Based on Singapore (CP2) Regulations

No.	Load (kg)	Persons	Speed (m/min)	Location								Pit reaction loadings (kN)												
				X3	X4	C	D	E	F	RGC	RGW	Car side					Counter-weight side							
												RC1	RC2	RC3	RC4	RC5	RW1	RW2	RW3					
1	450	6	60	1070	930	605	760	360		1520	800	62.0			24.0	26.0	53.0	44.0	20.0					
2	550	8	60	1070	930	605	925	360		1520	800	67.0			24.0	27.0	56.0	47.0	19.0					
3			90									80.0								25.5	28.5	68.0	48.5	20.5
4			105																					
5	600	9	60	930	1070	605	1045	360		1520	800	73.0			25.0	29.0	61.0	48.0	20.0					
6			90									87.0								26.5	30.5	73.0	49.5	21.5
7			105																					
8	700	10	60	930	1070	605	1150	360		1520	800	82.0			28.0	31.0	68.0	56.0	22.0					
9			90									98.0								29.5	32.5	81.0	57.5	23.5
10			105																					
11	750	11	60	1015	1035	715	1190	360		1470	750	85.0			28.0	32.0	70.0	58.0	22.0					
12			90									102.0								29.5	33.5	84.0	59.5	23.5
13			105																					
14	900	13	60	1030	1170	715	1190	360		1720	1000	96.0			31.0	35.0	78.0	60.0	24.0					
15			90									115.0								32.5	36.5	94.0	61.5	25.5
16			105																					
17	1000	15	60	1030	1170	815	1240	360		1720	1000	102.0			32.0	36.0	81.0	62.0	24.0					
18			90									122.0								33.5	37.5	98.0	63.5	25.5
19			105																					