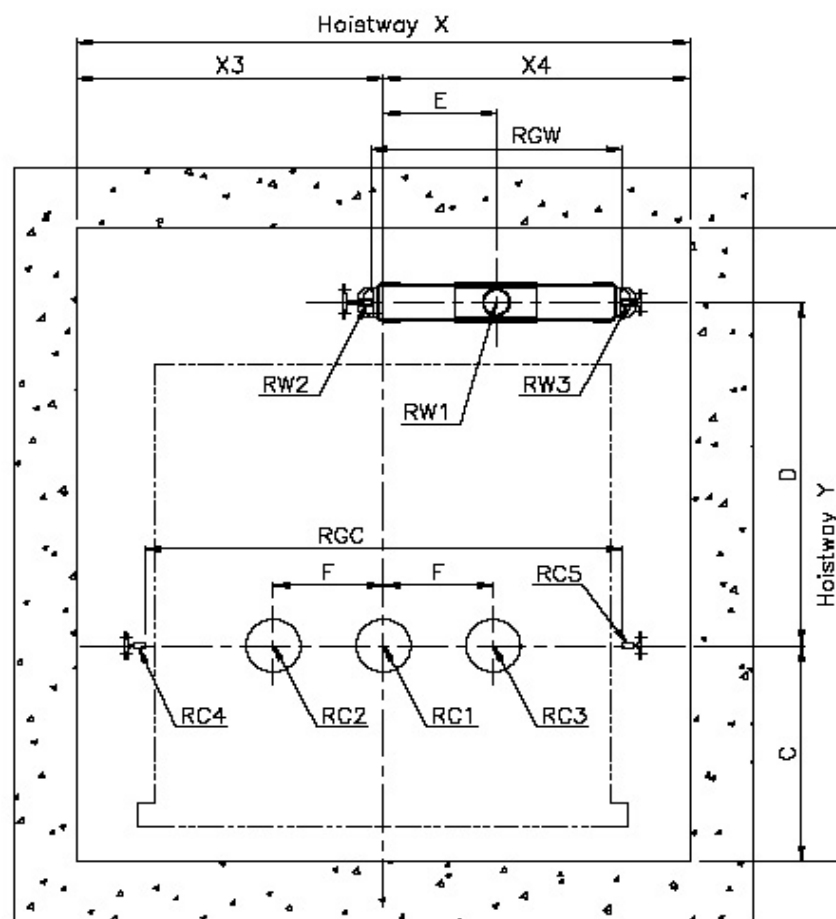


**Pit Reaction Loadings and Locations for UAG Model  
Based on Japan (JIS) Regulations**

**Hoistway Plan**



**Pit Reaction Loadings and Locations for UAG Model  
Based on Japan (JIS) 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	925	925	605	760	360		1520	800	62.0			24.0	26.0	53.0	44.0	20.0	
2			60									67.0			24.0	27.0	56.0	47.0	19.0	
3	550	8	90	925	925	605	925	360		1520	800	80.0			25.5	28.5	68.0	48.5	20.5	
4			105																	
5			60									73.0			25.0	29.0	61.0	48.0	20.0	
6	600	9	90	925	925	605	995	360		1520	800	87.0			26.5	30.5	73.0	49.5	21.5	
7			105																	
8			60									82.0			28.0	31.0	68.0	56.0	22.0	
9	700	10	90	925	925	605	1150	360		1520	800	98.0			29.5	32.5	81.0	57.5	23.5	
10			105																	
11			60									85.0			28.0	32.0	70.0	58.0	22.0	
12	750	11	90	925	925	715	1140	360		1520	800	102.0			29.5	33.5	84.0	59.5	23.5	
13			105																	
14			60									96.0			31.0	35.0	78.0	60.0	24.0	
15	900	13	90	1025	1025	715	1140	360		1720	1000	115.0			32.5	36.5	94.0	61.5	25.5	
16			105																	
17			60									102.0			32.0	36.0	81.0	62.5	24.0	
18	1000	15	90	1025	1025	815	1190	360		1720	1000	122.0			33.5	37.5	98.0	63.5	25.5	
19			105																	