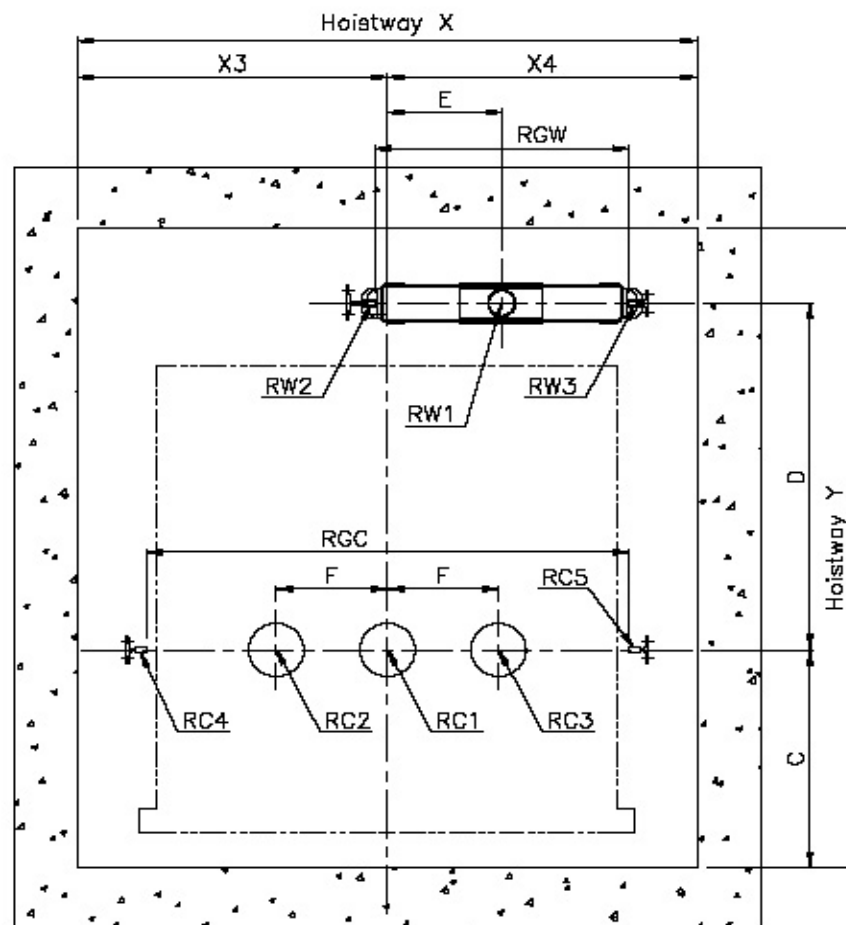


**Pit Reaction Loadings and Locations for UAG Model**  
Based on EN81-1 Regulations

**Hoistway Plan**



**Pit Reaction Loadings and Locations for UAG Model**  
Based on EN81-1 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	100	1520	800		31.0	31.0	24.0	26.0	53.0	44.0	20.0	
2			60						150					33.5	33.5	24.0	27.0	56.0	47.0	19.0
3	550	7	90	1070	930	605	925	360		1520	800	80.0			25.5	28.5	68.0	48.5	20.5	
4			105																	
5			60						150					36.5	36.5	25.0	29.0	61.0	48.0	20.0
6	600	8	90	930	1070	605	995	360		1520	800	87.0			26.5	30.5	73.0	49.5	21.5	
7			105																	
8			60						150					41.0	41.0	28.0	31.0	68.0	56.0	22.0
9	700	9	90	930	1070	605	1150	360		1520	800	98.0			29.5	32.5	81.0	57.5	23.5	
10			105																	
11			60						150					42.5	42.5	28.0	32.0	70.0	58.0	22.0
12	750	10	90	930	1070	715	1140	360		1520	800	102.0			29.5	33.5	84.0	59.5	23.5	
13			105																	
14			60						150					48.0	48.0	31.0	35.0	78.0	60.0	24.0
15	900	12	90	1030	1170	715	1140	360		1720	1000	115.0			32.5	36.5	94.0	61.5	25.5	
16			105																	
17			60						150					51.0	51.0	32.0	36.0	81.0	52.0	24.0
18	1000	13	90	1030	1170	815	1190	360		1720	1000	122.0			33.5	37.5	98.0	63.5	25.5	
19			105																	