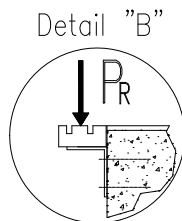
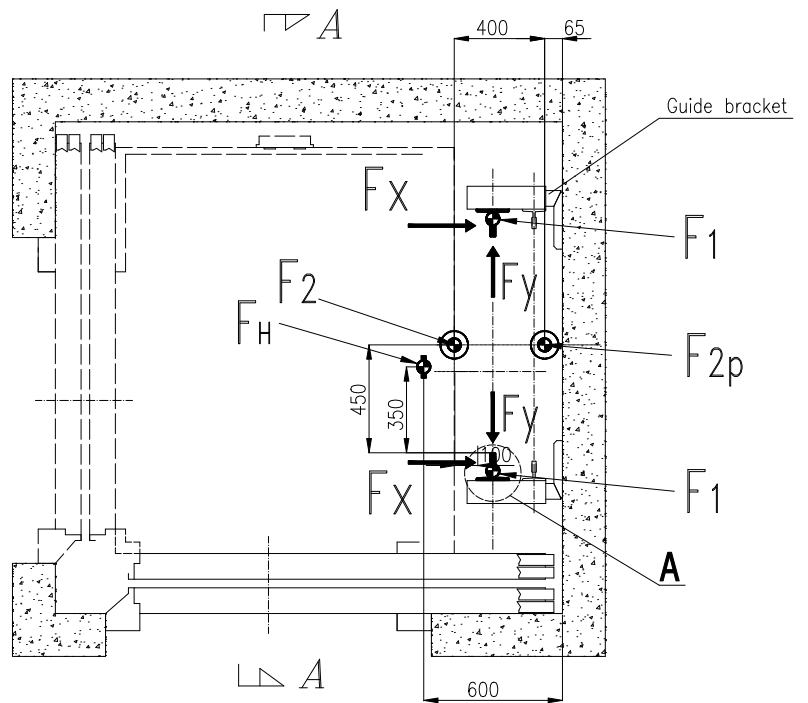
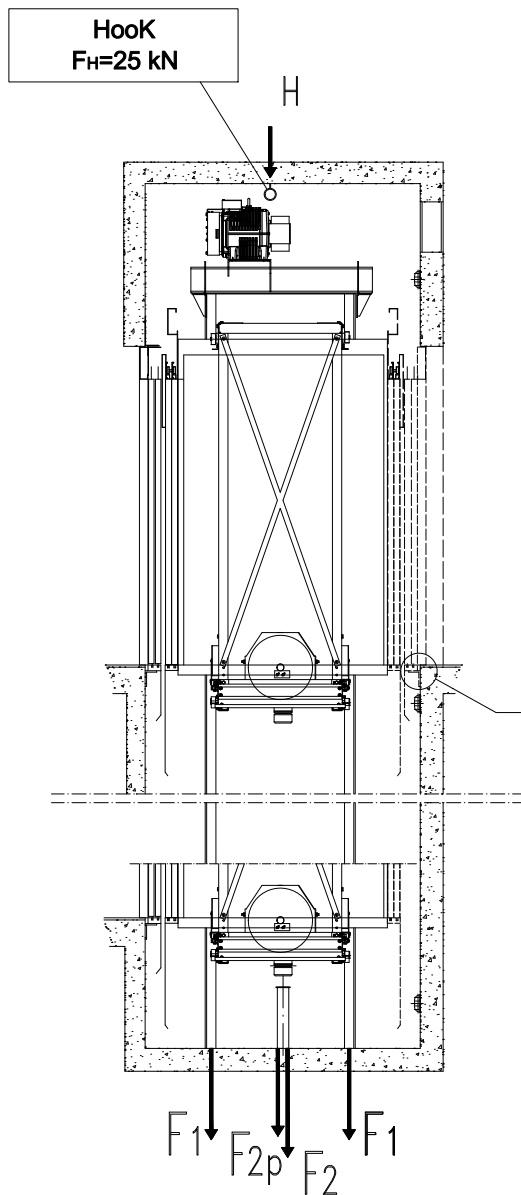


FORCES ON PIT FLOOR

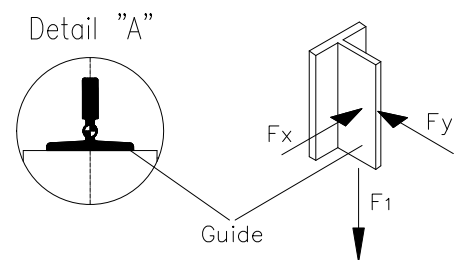
Payload [kg]	F_x [kN]	F_y [kN]	Vertical force under guide F_1 [kN]	Vertical force under buffer F_2 [kN]	Vertical force under counterweight F_{2p} [kN]	Emphasis on sill P_R [kN]
900	11,4	3,7	26,6	46,8	26,0	3,5

SHAFT SECTION A-A

SHAFT PLAN



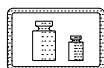
F_1 - vertical force under guide
 F_2 - vertical force under buffer
 F_H - vertical force affecting hook
 P_R - emphasis on sill



ATTENTION:

F_2 - static load exerted by the weight of the loaded car (vertical force under buffer) F_2 [N] = (weight of the empty car and frame + nominal load) * 9,81
 Pit floor under buffer pilars should move quadruple load resulting from the force F_2 .

IN ORDER TO FIND EXACT POSITION OF FORCES IN THE SHAFT USE THE DRAWINGS OF SPECIFIC LIFT



Name:	Change	Date	Description
CONSTRUCTION DIRECTIVES	No. of catalogue:	No. of drawing:	Date version:
Description: Forces on Pit floor GLT 900 kg angled		GMV.GLT.S	26.03.2020
	Date:		Version:
	01.04.2020		1.0

GMV