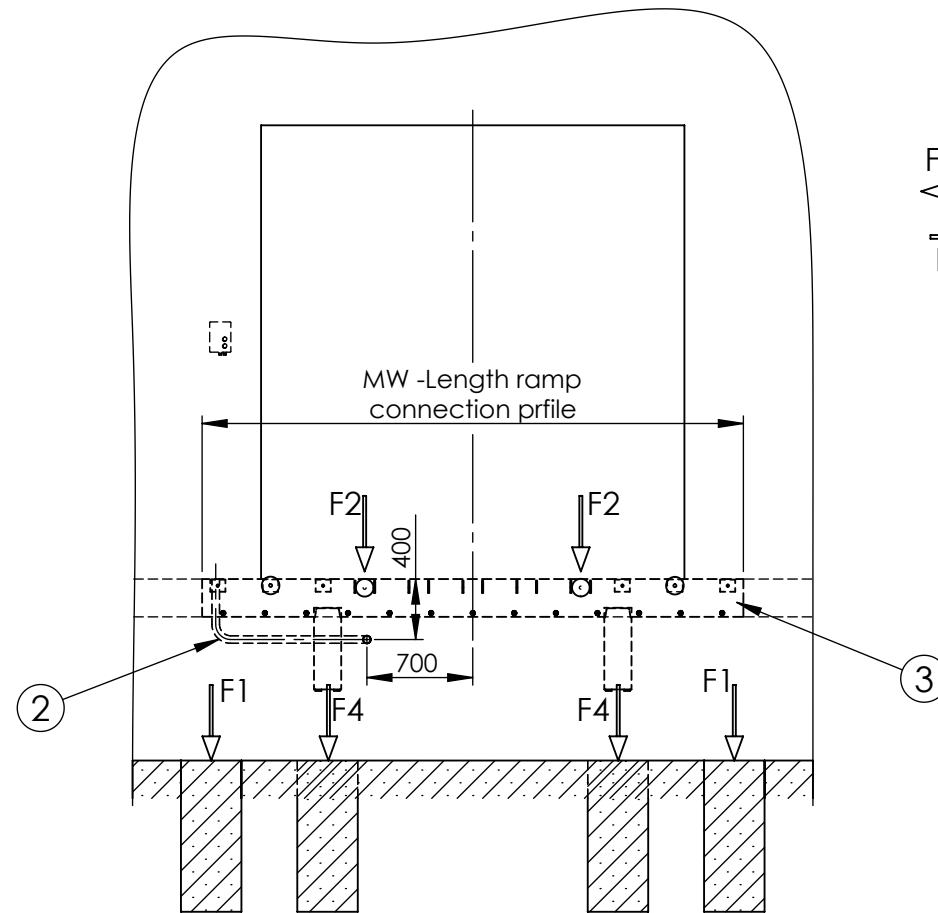
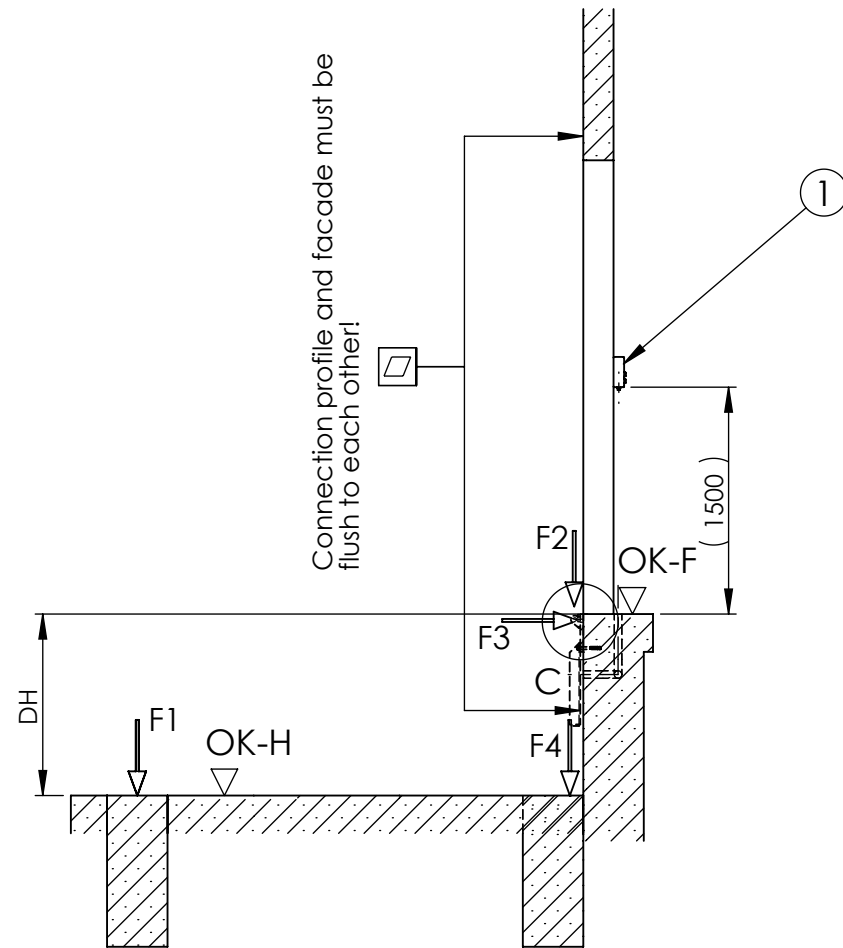
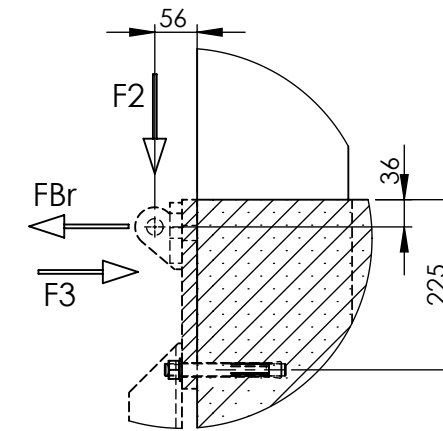


SECTION A-A



Detail "C"



F1= 72 kN: Foundation loads
 F2= 42 kN: Load resulting from forklift crossing
 F3= 100 kN: Vehicle impact load
 F4= 72 kN: Foundation loads
 FBr= 10 kN: Braking and starting load (forklift)
 Forces F2 and FBr are led into the ramp head via the hinges.
 The horizontal impact load F3 is led into the building via the ramp

	Load Capacity (kN)	
	60	100
F1	72kN	112kN
F2	42kN	70kN
F3	100kN	100kN
F4	72kN	112kN
FBr	±10kN	±10kN

MW = Loading ramp module width
 NL = Dock leveller nominal length
 NW = Dock leveller nominal width
 OK-F = Finish floor level
 OK-H = Yard level
 DH = Dock height
 L1 = Distance of the foundations centre axes and the ramp head
 LS = Distance of the force impact points at the ramp head for FBr and F2
 LW = Distance of the force impact points at the foundations
 DW = Door width

NL	L1
2000	1970
2450	2420
3000	2970
3500	3470
4000	3970
4500	4470

NW	LS
1750	1430
2000	1680
2200	1880
2250	1930
2400	2080

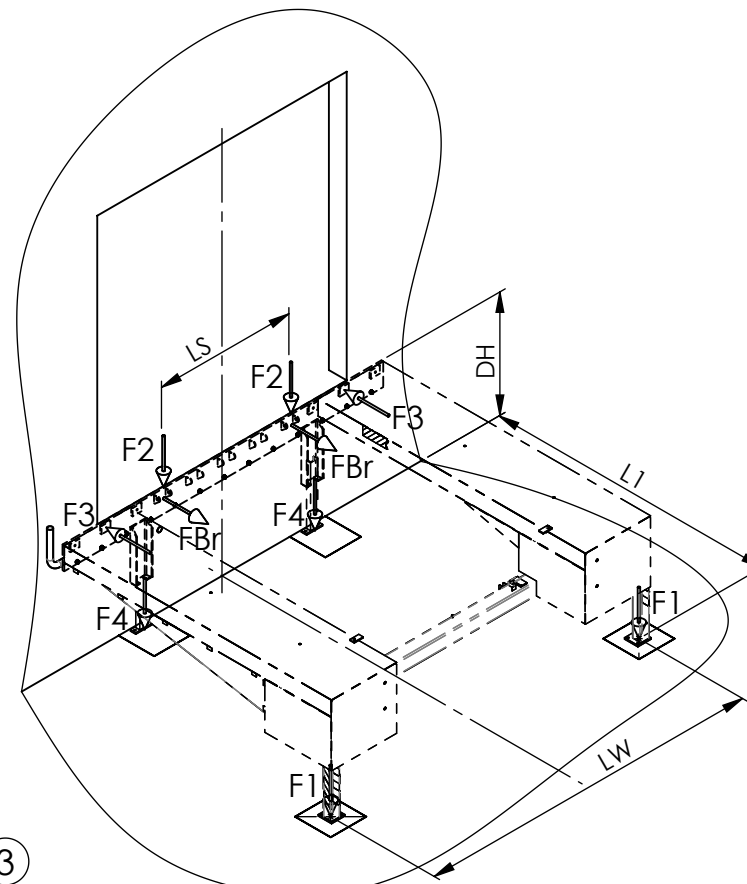
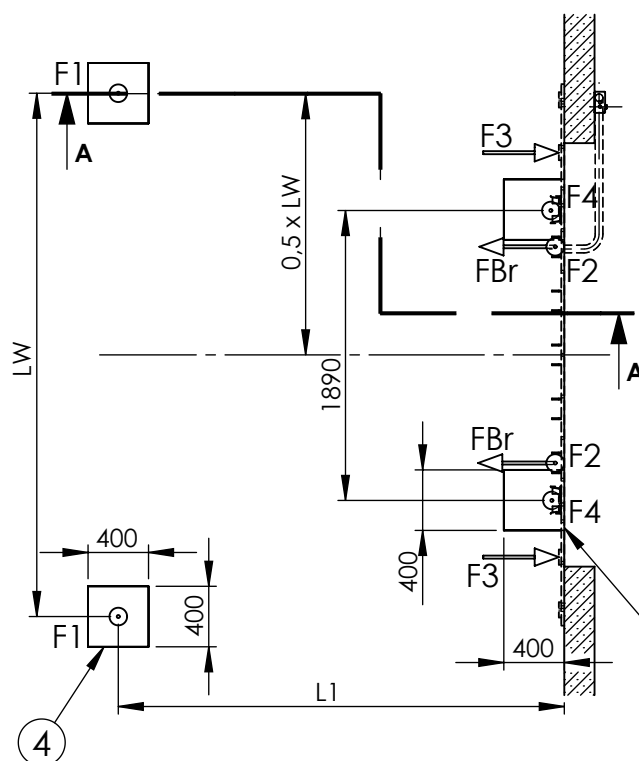
MW	LW
3300	3190
3500	3390
3600	3490

***Important:**
 A stable concrete sub-structure is required for installation.
 (no concrete sandwich element / no thermal insulation composite system)

Placement of the conduits: either on the right or on the left side.
 Illustration: installation on the right side

4	Required contact area 400x400 mm
3*	Rear frame: scope of delivery of the loading ramp
2	Conduit for wiring internal diameter min. 50mm angles <45°
1	Electronic control (included)
Pos.	Reference

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION A		
								MATERIAL:				
	NAME		SIGNATURE		DATE		 PJP MAKRUM Industrial Group PJP MAKRUM S.A. Plac Kościeleckich 3 85-033 Bydgoszcz POLAND					
DRAWN		R. Stuszcak				22.05.2023						
CHK'D												
APPV'D												
MFG												
Q.A												
								TITLE: Foundation plan 90° Loading ramp PAS and PAT with steel legs Front and rear side (A8)				
								DWG NO.		PVR.08-EN		
										A3		
								SCALE:1:100		FN		



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WEIGHT:

SCALE:1:100

EN

A3