

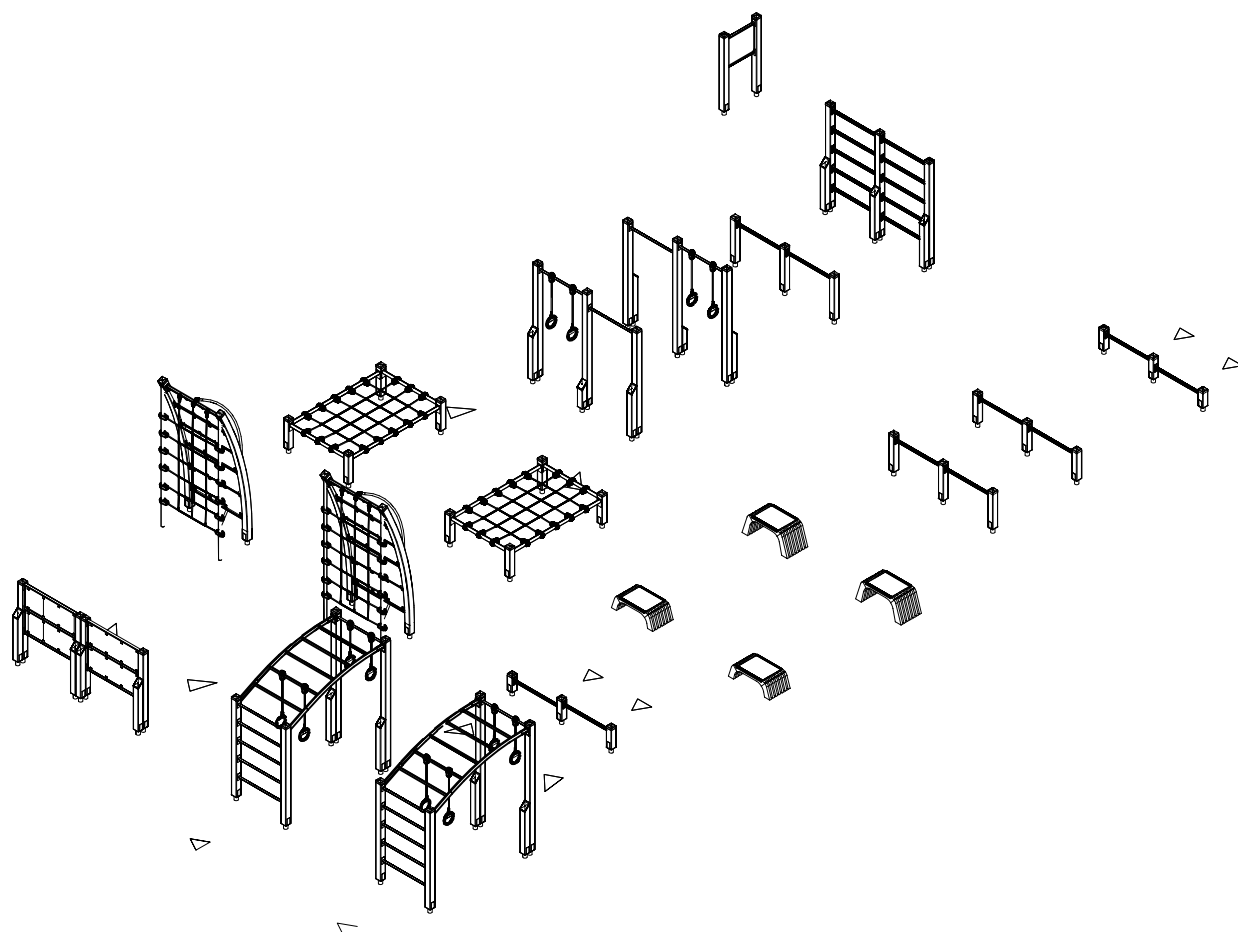
LAPPSET®

SPORT

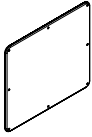
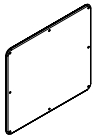
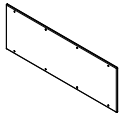
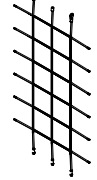
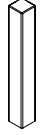
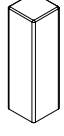
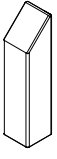
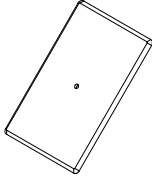
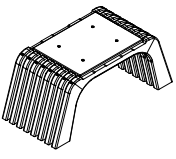
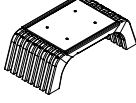
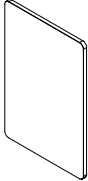
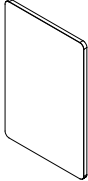
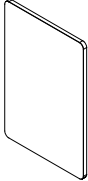
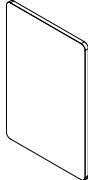
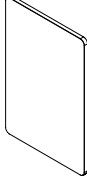
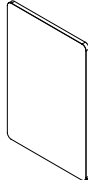
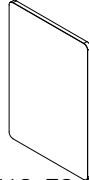
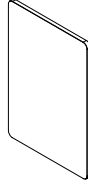
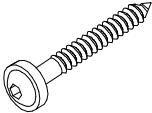
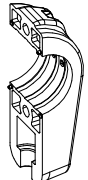
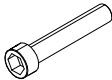
ASENNUSOHJE
MONTERINGSANSVISNING
INSTALLATION INSTRUCTION
AUFBAUANLEITUNG
NOTICE D'INSTALLATION

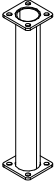
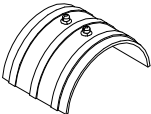
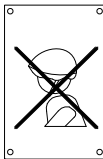
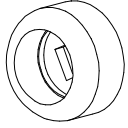
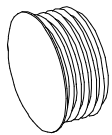
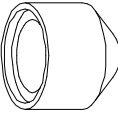
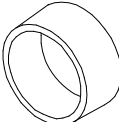
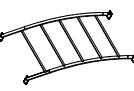
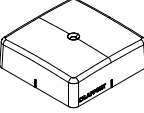
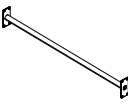
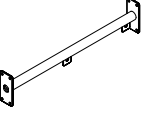
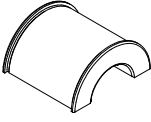
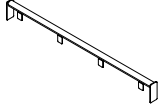
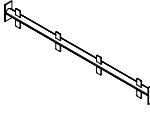
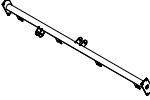
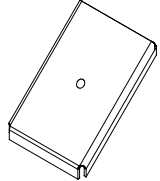
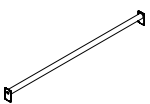
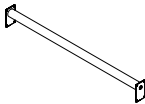
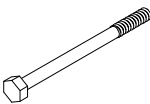
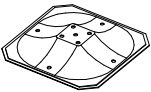
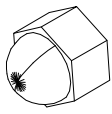
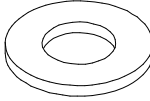
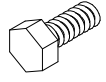
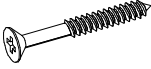
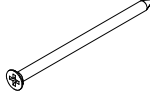
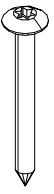
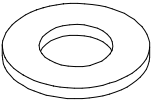
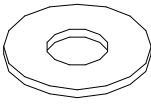
DATE: 4.9.2015

081310M

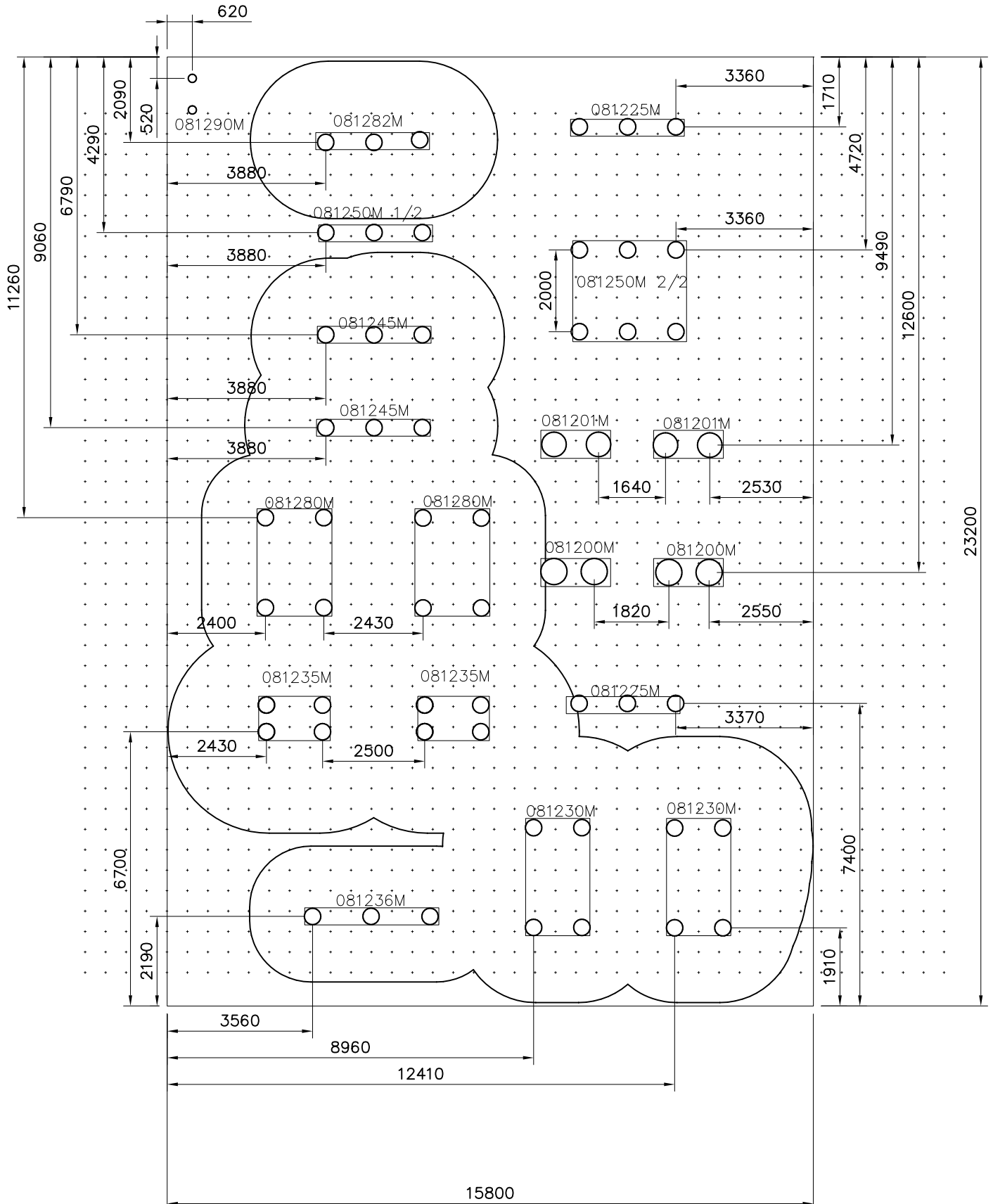
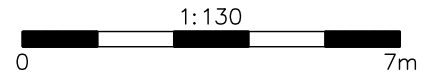


DATE: 16.2.2018

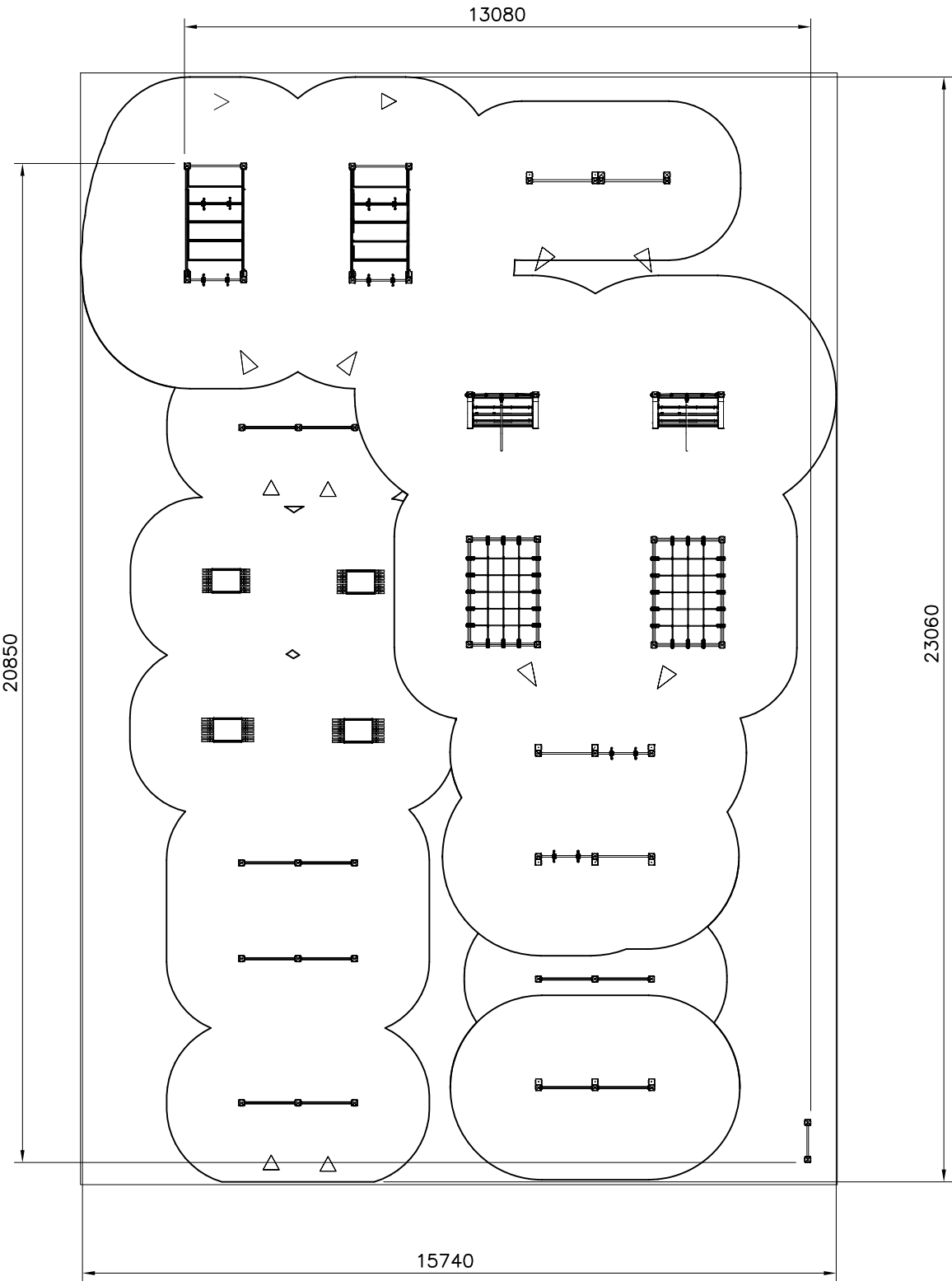
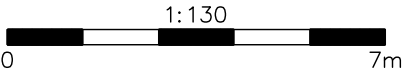
707018 Acryl + sticker  8x640x560	PCS 1	705024  15x640x560	PCS 1	705027  120x120x1520	PCS 4	705037  120x120x2590	PCS 4	705039  Ø16x974	PCS 8	705040  Ø16x764	PCS 4
705041  19x451x1240 BLUE	PCS 14	705044  WALL CLIMBER	PCS 2	705050  120x120	PCS 4	705059  WALL CLIMBER DEEP	PCS 2	705231  120x120x2290	PCS 2	705328  120x120x570	PCS 11
705329  120x120x720	PCS 3	705330  120x120x870	PCS 4	705335  120x120x1000	PCS 16	705345  120x120x1520	PCS 2	705347  120x120x1990	PCS 4	705348  120x120x300	PCS 2
705349  120x120x400	PCS 4	705388  120x120x2090	PCS 6	705402  120x120x2290	PCS 2	705405  120x120x500	PCS 2	705406  126x181x15	PCS 2	705411  M ACTIVE	PCS 2
705428  S ACTIVE	PCS 2	705537  118x78	PCS 2	706017  118x78	PCS 2	706018  118x78	PCS 2	706025  118x78	PCS 2	706026  118x78	PCS 2
706027  118x78	PCS 2	706028  118x78	PCS 2	706030  118x78	PCS 2	706031  118x78	PCS 2	706036  118x78	PCS 2	706037  118x78	PCS 2
706060  118x78	PCS 2	706087  118x78	PCS 2	706088  118x78	PCS 2	900240  Ø8x70	PCS 32	902195  150x50x50	PCS 36	902232  M10x55	PCS 68

902233	PCS 68	902272	PCS 16	902273	PCS 112	702339	PCS 6	904064	PCS 4	905083	PCS 16
											
M10x30		90x90x450				118x78		Ø60x3416		Ø32	
905103	PCS 47	905104	PCS 268	905112	PCS 16	905761	PCS 72	905800	PCS 2	905830	PCS 50
											
PT-28/32-H		M10		Ø22		120x120x700		2260x600x1270		123x123x40	
905838	PCS 36	905936	PCS 2	906006	PCS 24	906009	PCS 6	906021	PCS 10	906071	PCS 2
											
L=1060		L=652		Ø64/36,4x59		Ø42,4x1252		Ø42,4x1252		Ø42,4x1252	
906583	PCS 15	906725	PCS 4	906727	PCS 4	909097	PCS 6	909246	PCS 47	909256	PCS 904
											
126x181x14x3		Ø60x2080		Ø60x1307		M8x60		M12x140		Ø16/8.4x1.6	
909267	PCS 2	980161	PCS 136	909519	PCS 22	909633	PCS 40	909637	PCS 50	909638	PCS 100
											
M8x70		M10		50x380x380		M8		M10		Ø20/10.5	
909639	PCS 50	909852	PCS 114	909855	PCS 6	980100	PCS 17	980104	PCS 50	980114	PCS 128
											
M10x25		M8x30		M8x35		Ø5x60		Ø5x90		Ø4x20	
980123	PCS 772	980150	PCS 8	980151	PCS 16	980152	PCS 32	980154	PCS 47	980160	PCS 80
											
Ø7x60		M8		Ø16/8.4		Ø24/8.4x2		Ø24/13		M8	

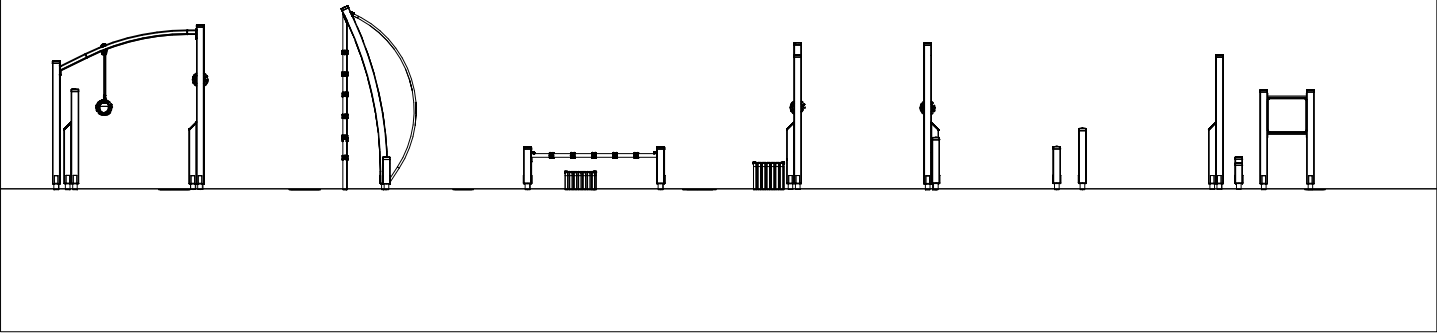
Impact Area 190.9 m²
Grid size = 500 mm



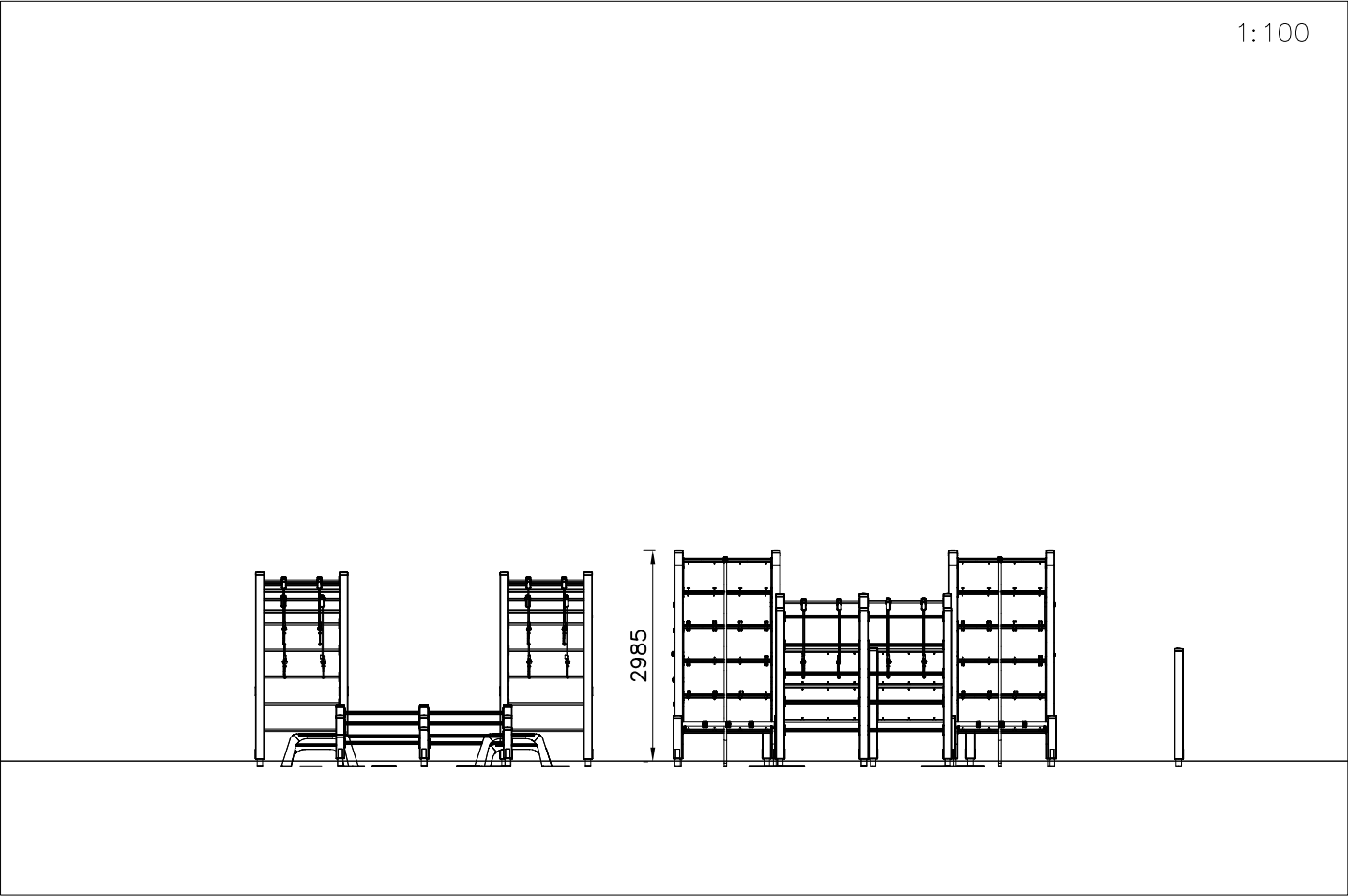
— Area of Movement 283.3 m²
— Impact Area 190.9 m²
Max Falling Height = 2960 mm

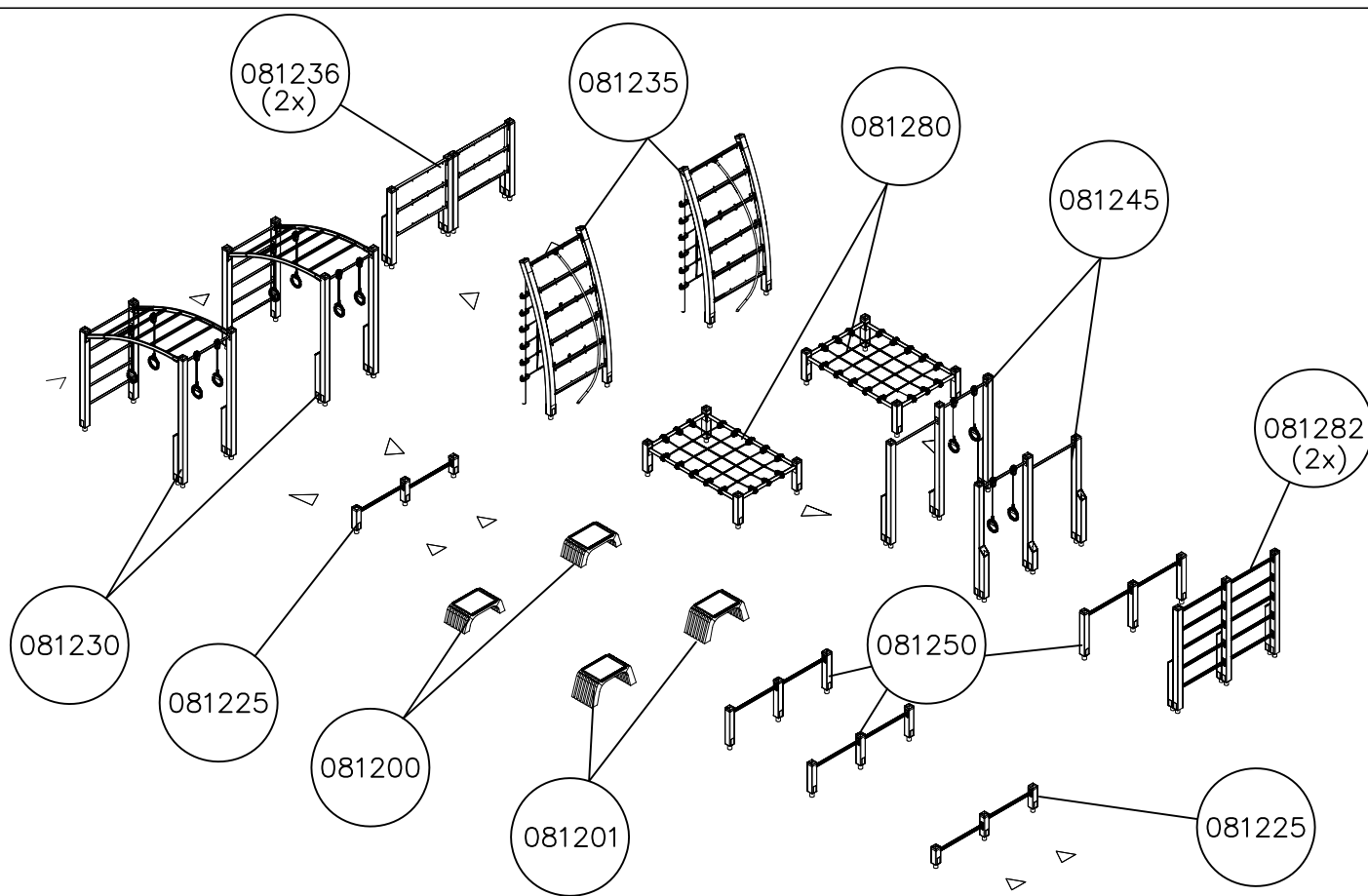
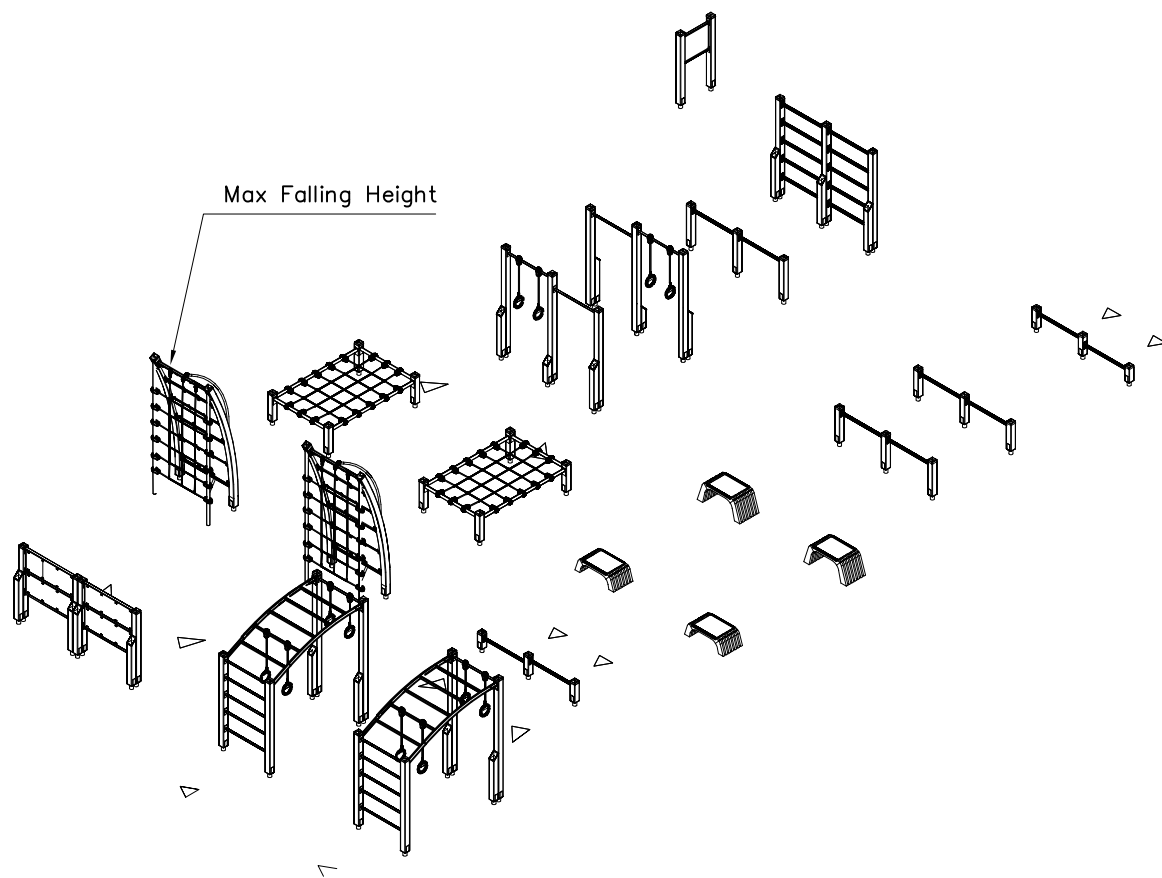


1:125



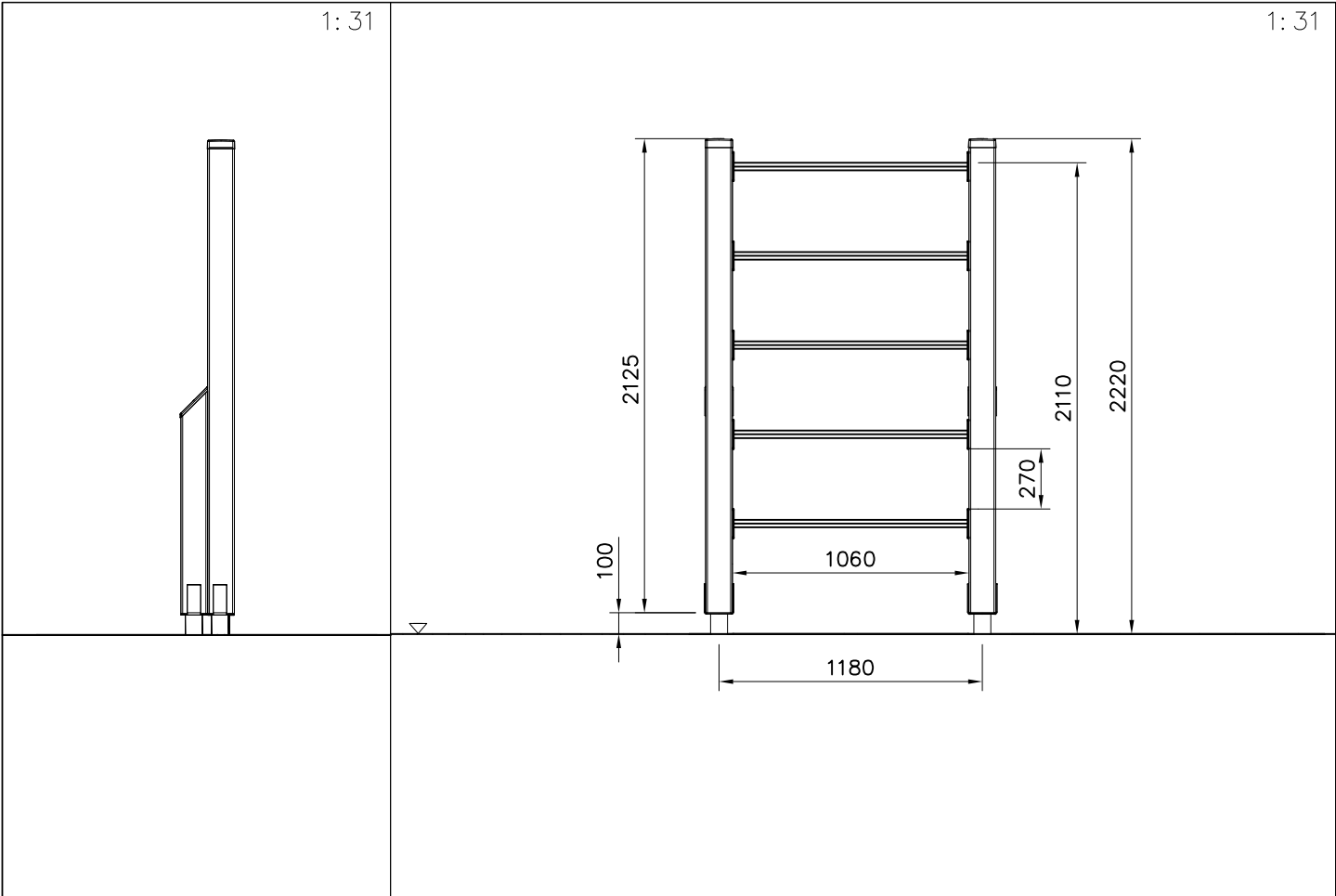
1:100





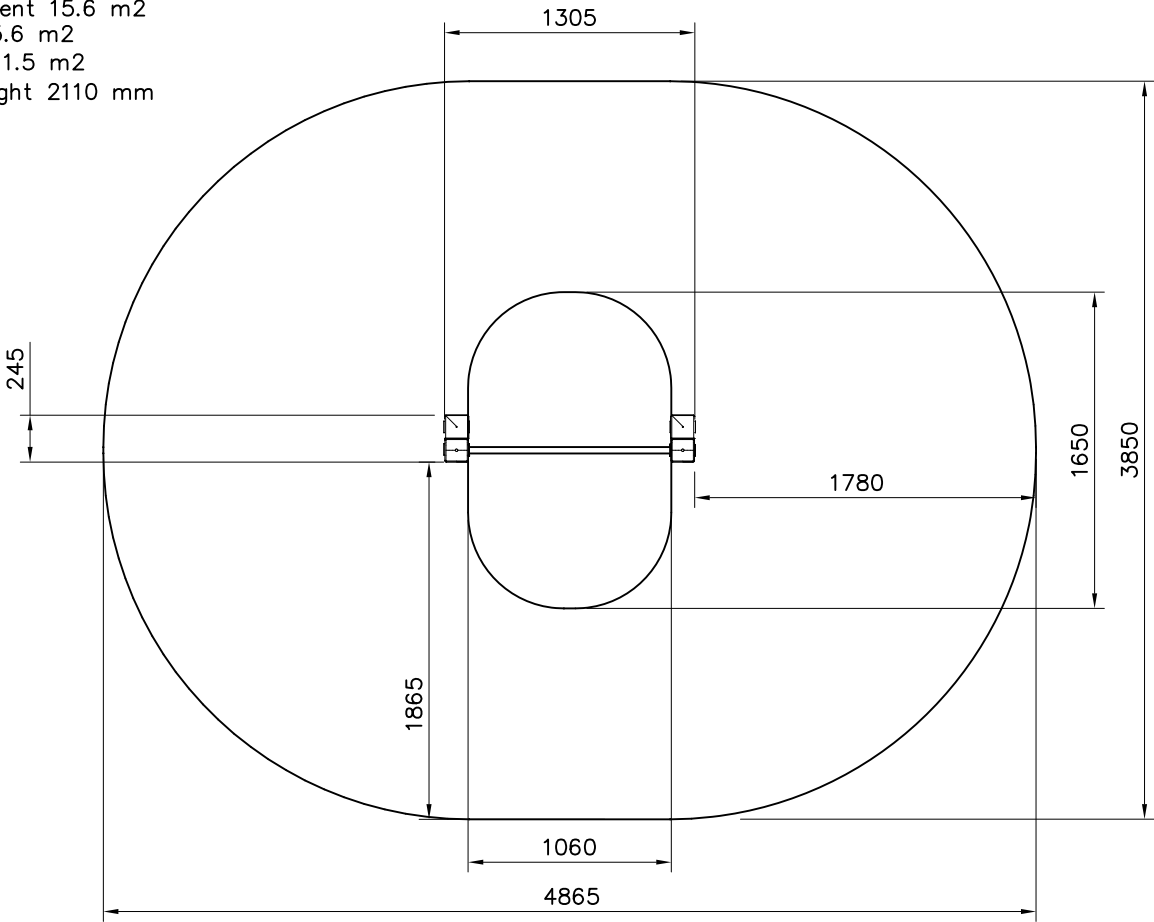


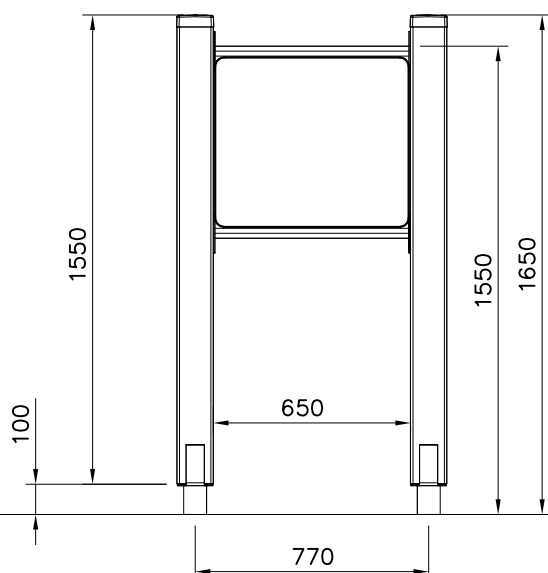
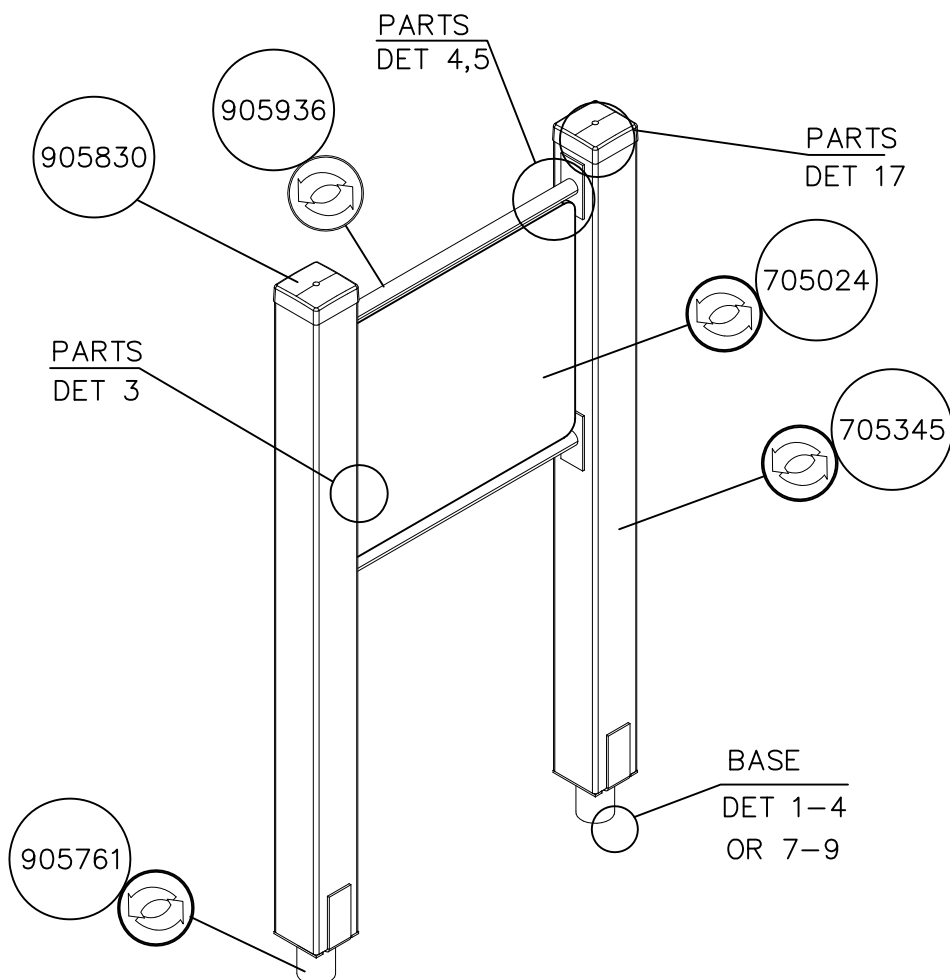
	① 706037 PCS 1	② 705335 PCS 2 120x120x1000
	③ 980114 PCS 4 Ø4x20	④ 905103 PCS 6 PT-28/32-H
	⑤ 905104 PCS 16 M10	⑥ 905761 PCS 4 120x120x700
	⑦ 905830 PCS 2 123x123x40	⑧ 905838 PCS 5 L=1060
	⑨ 909246 PCS 6 M12x140	⑩ 906583 PCS 2 126x181x14x3
	⑪ 980104 PCS 2 Ø5x90	⑫ 980123 PCS 56 Ø7x60
	⑬ 980100 PCS 2 Ø5x60	⑭ 980154 PCS 6 Ø24/13
	⑮ 705388 PCS 2 120x120x2090	⑯ 909256 PCS 56 Ø16/8.4

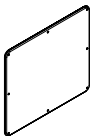
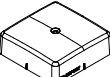
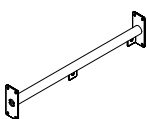
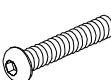
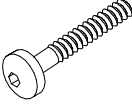


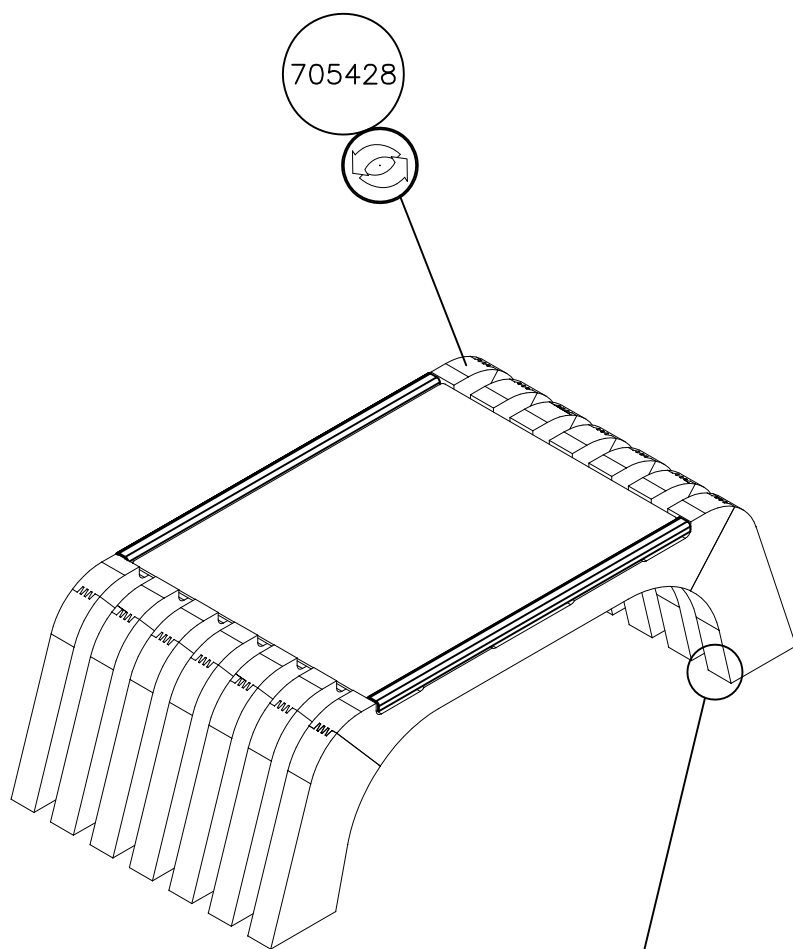
Area of Movement 15.6 m²
Impact Area 15.6 m²
Training Space 1.5 m²
Max Falling Height 2110 mm

1: 39



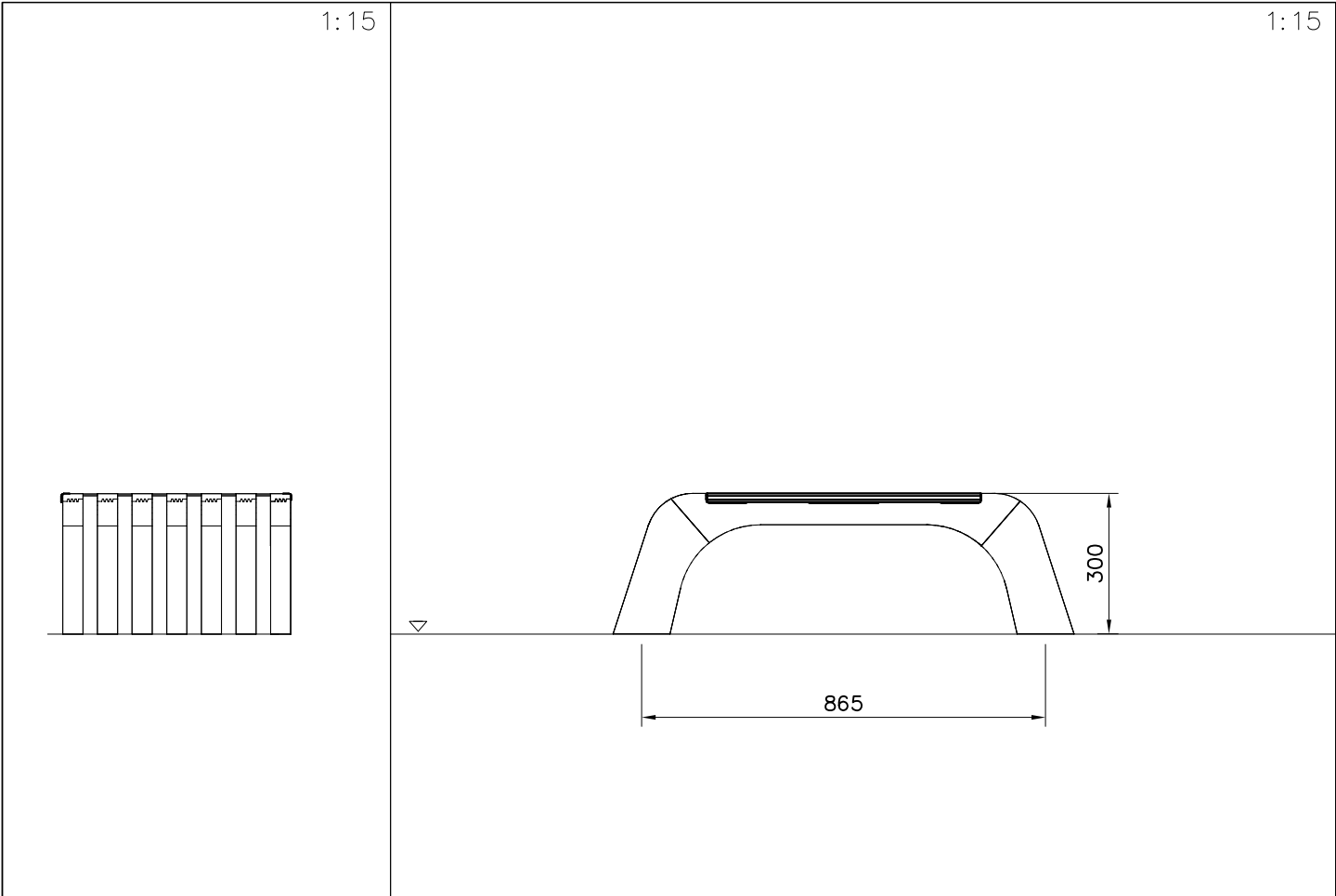


① 705024	PCS	② 705345	PCS
	1		2
15x640x560		120x120x1520	
③ 909633	PCS	④ 905104	PCS
	8		8
M8		M10	
⑤ 905761	PCS	⑥ 905830	PCS
	2		2
120x120x700		123x123x40	
⑦ 905936	PCS	⑧ 909256	PCS
	2		28
L=652		Ø16/8.4x1.6	
⑨ 909855	PCS	⑩ 980104	PCS
	8		2
M8x35		Ø5x90	
⑪ 980123	PCS		PCS
	20		
Ø7x60			
⑫ 901899 Optio	PCS		PCS
	8		
M8x45			
	PCS		PCS



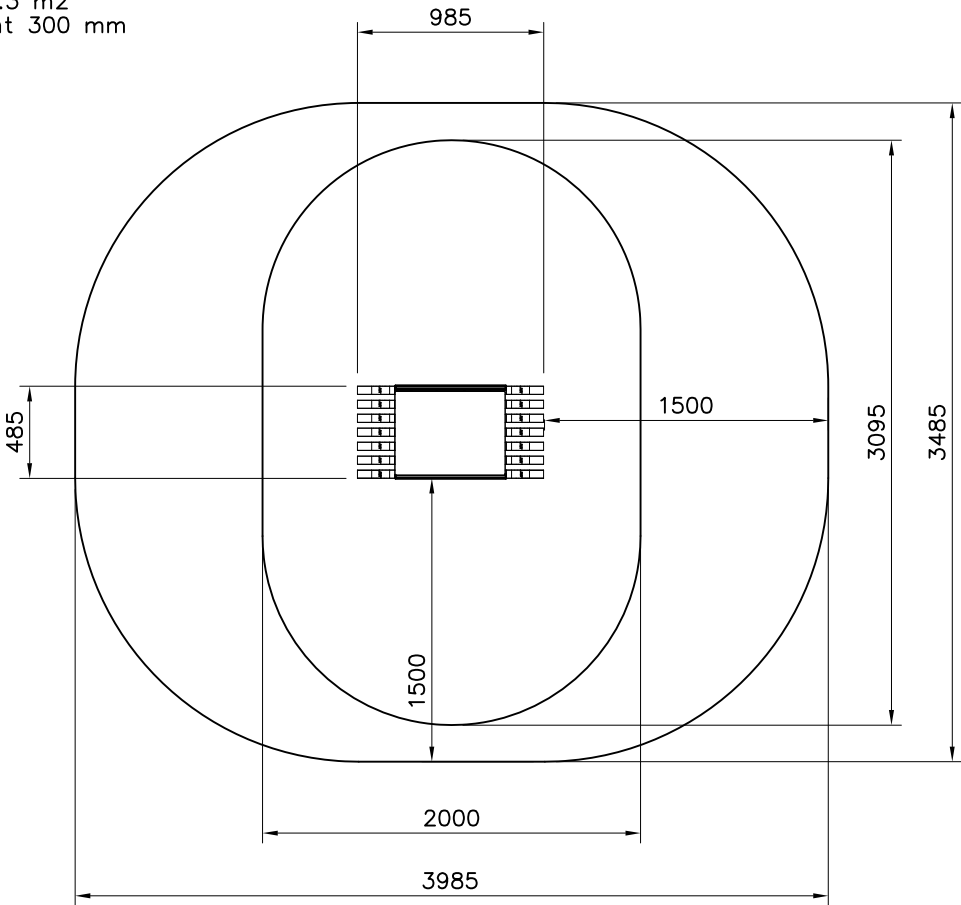
BASE
DET 22-24
OR 25-27

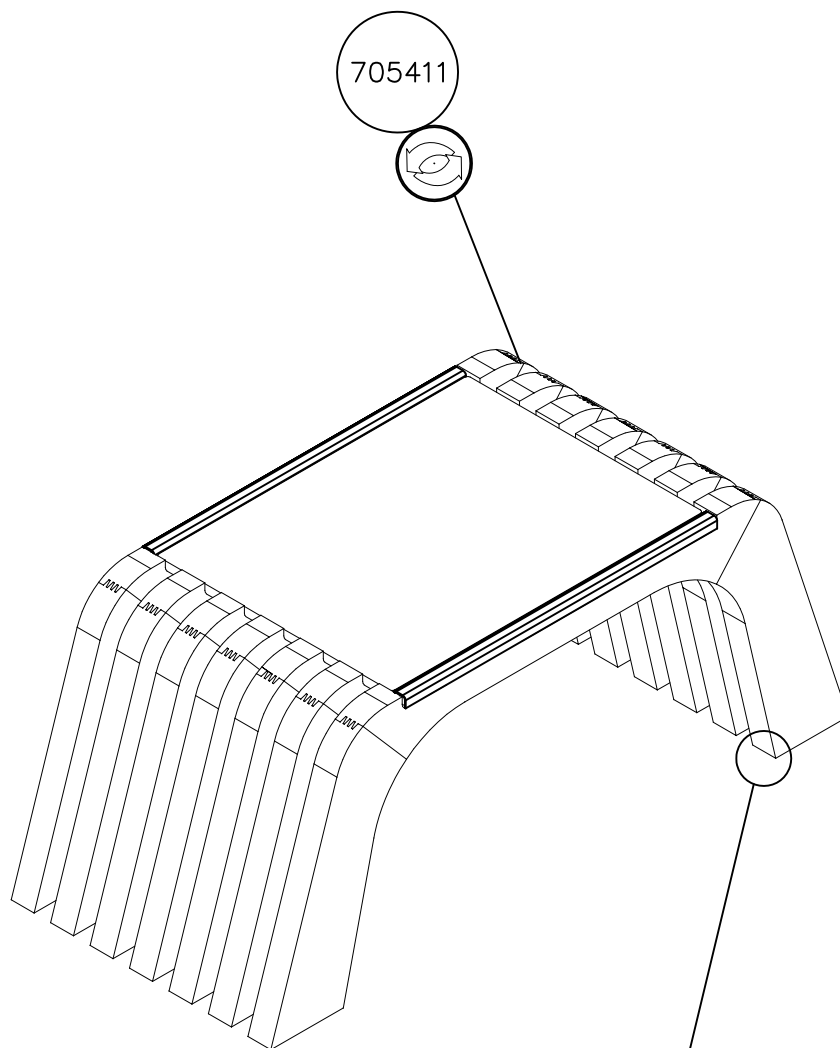
① 706017	PCS	② 980114	PCS
	1		4
			Ø4x20
③ 705428	PCS	④ 902272	PCS
	1		4
			90x90x450
⑤ 909519	PCS	⑥ 909639	PCS
	4		8
			M10x25
⑦ 909638	PCS	⑧ 909637	PCS
	16		8
			M10
	PCS		PCS
	PCS		PCS
	PCS		PCS
	PCS		PCS



Area of Movement 12 m2
Training Space 5.3 m2
Max Falling Height 300 mm

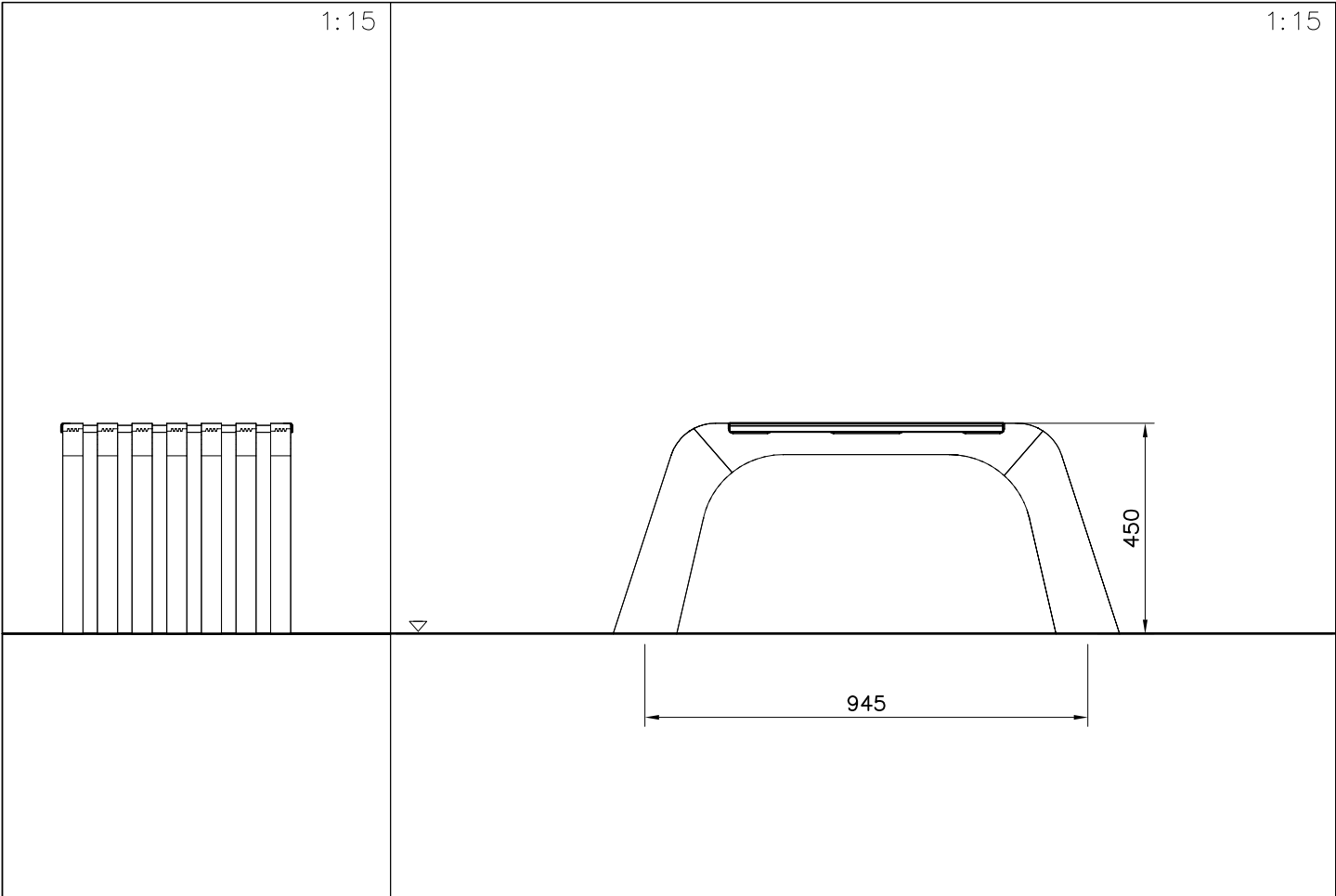
1:40





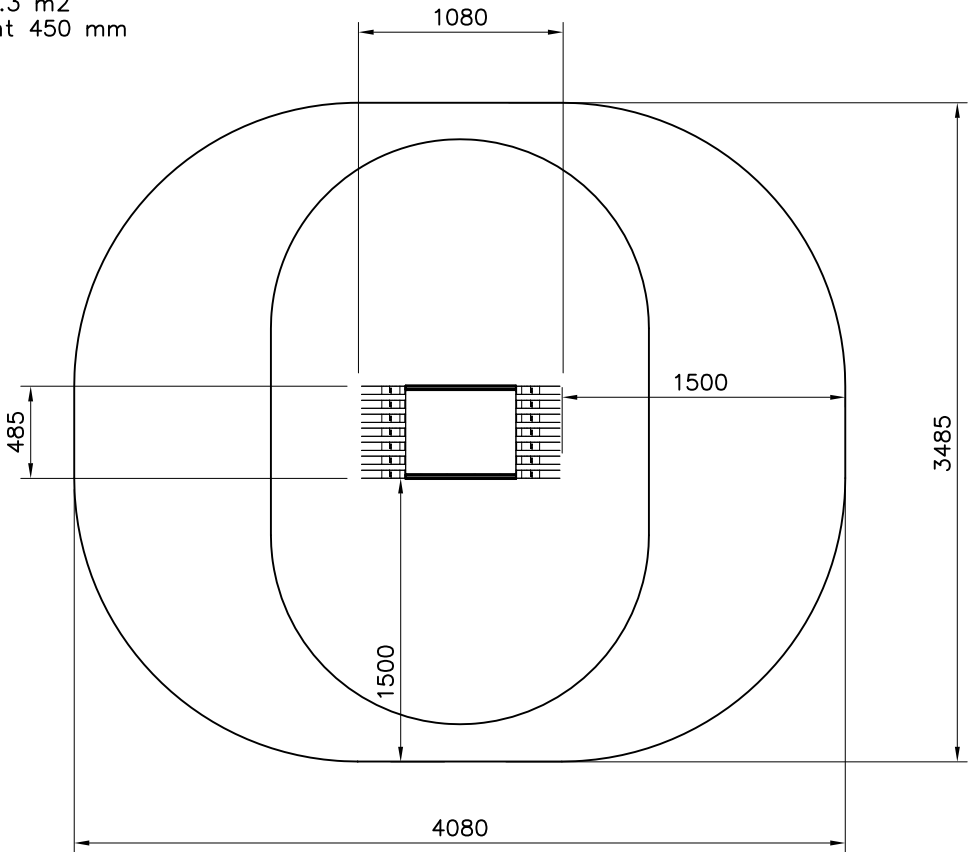
BASE
DET 22-24
OR 25-27

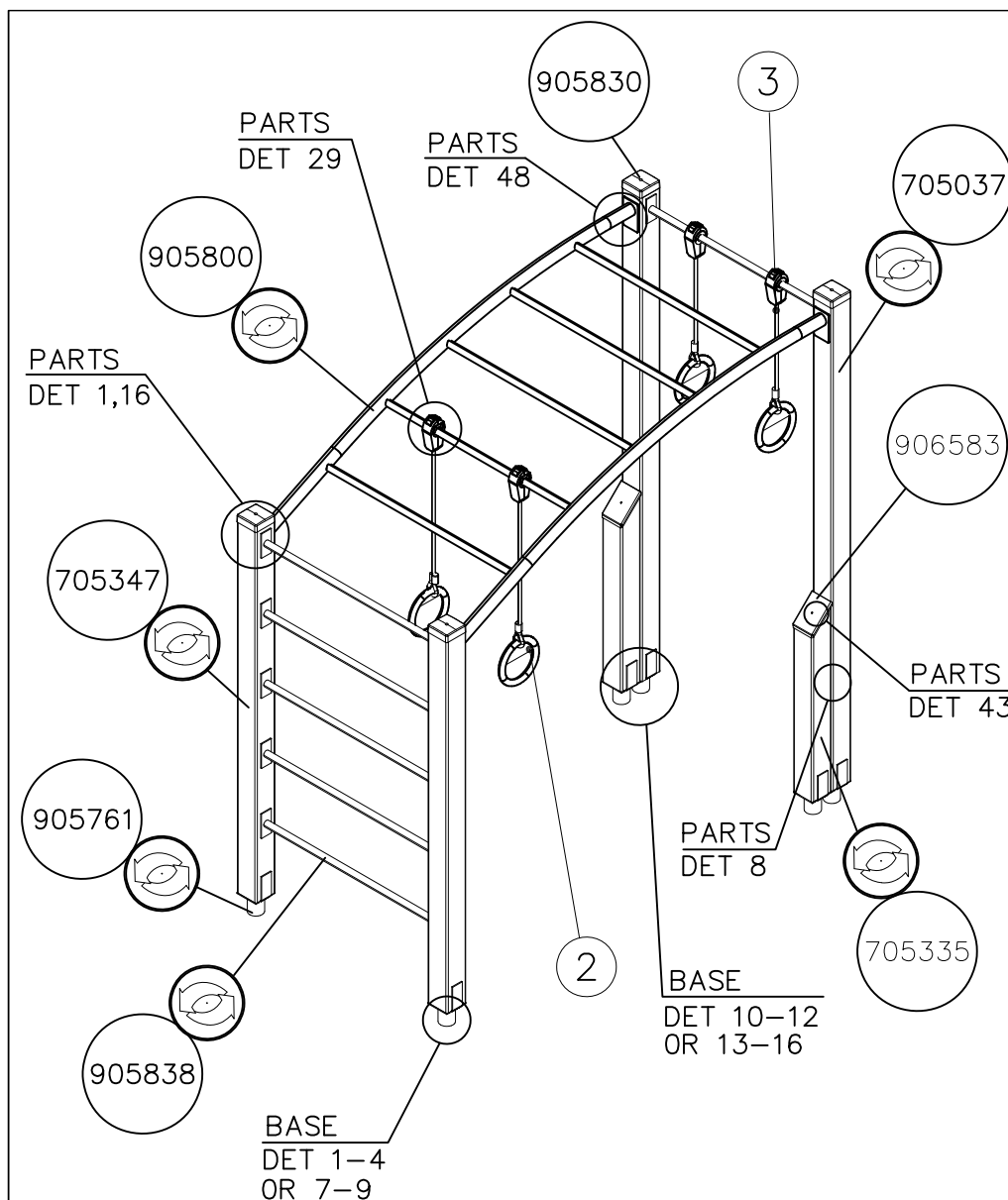
① 706018	PCS	② 980114	PCS
	1		4
③ 705411	PCS	④ 902272	PCS
	1		4
⑤ 909519	PCS	⑥ 909639	PCS
	4		8
⑦ 909638	PCS	⑧ 909637	PCS
	16		8
	PCS		PCS
	PCS		PCS
	PCS		PCS
	PCS		PCS



Area of Movement 12.3 m²
Training Space 5.3 m²
Max Falling Height 450 mm

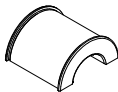
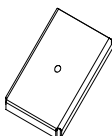
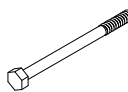
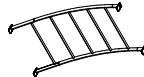
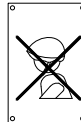
1:40

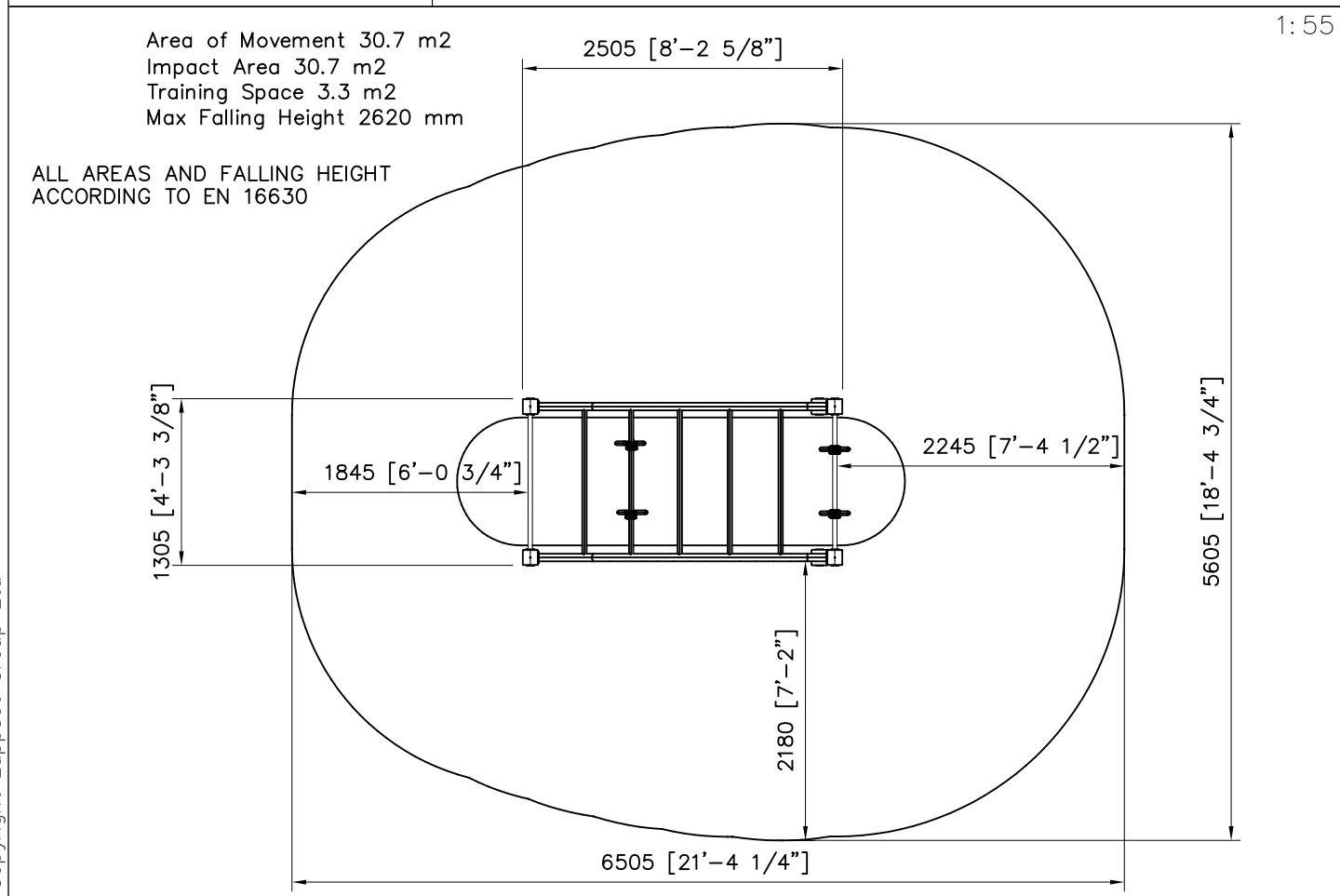
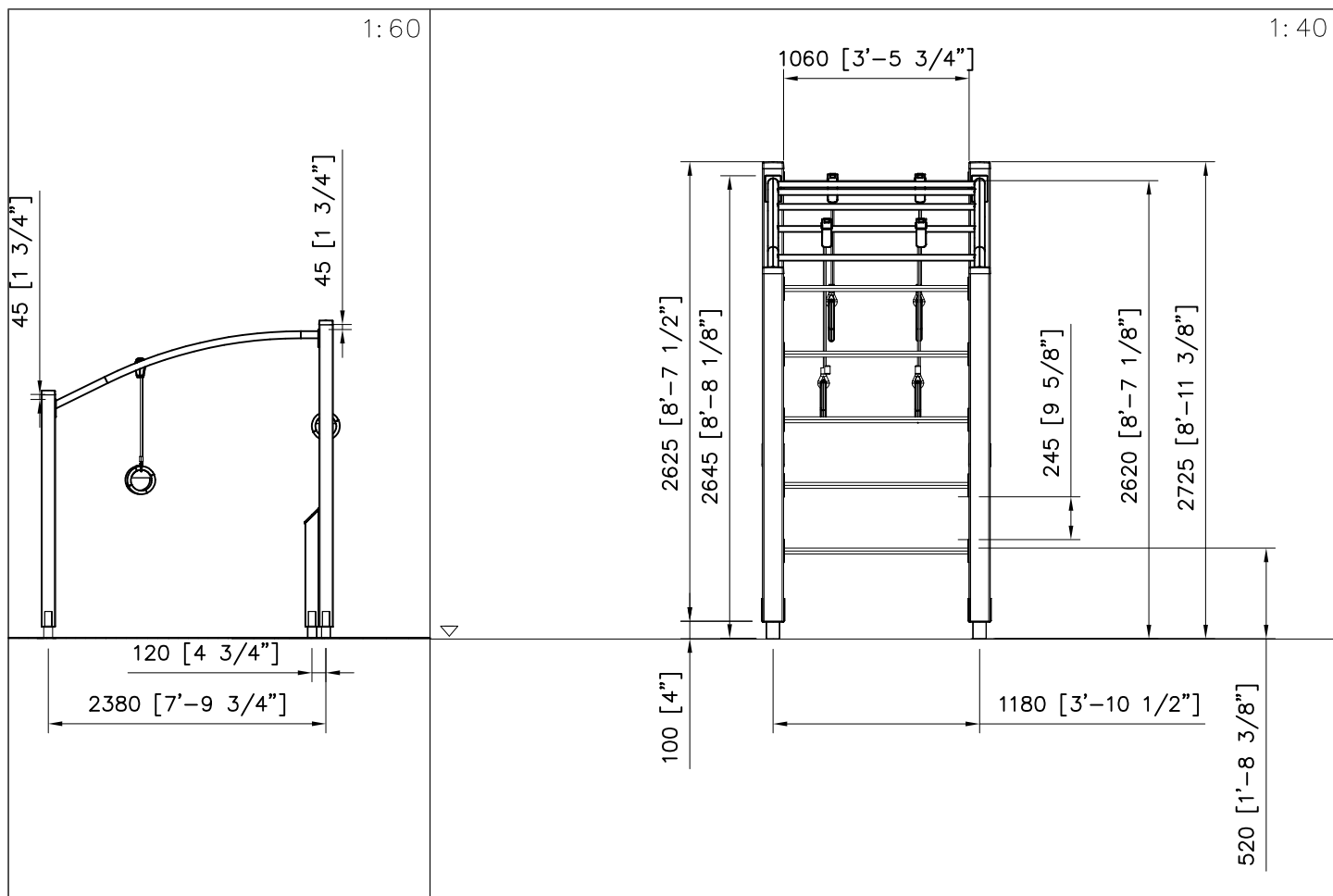




① 706026	PCS	② 705039	PCS
	1		2
		Ø16x974	
③ 705040	PCS	④ 705037	PCS
	2		2
Ø16x764		120x120x2590	
⑤ 705335	PCS	⑥ 705347	PCS
	2		2
120x120x1000		120x120x1990	
⑦ 902195	PCS	⑧ 902232	PCS
	8		4
150x50x50		M10x55	
⑨ 902233	PCS	⑩ 706087	PCS
	4		1
M10x30			
⑪ 980100	PCS	⑫ 905103	PCS
	2		6
Ø5x60		PT-28/32-H	
⑬ 905104	PCS	⑭ 905761	PCS
	24		6
M10		120x120x700	
⑮ 905830	PCS	⑯ 905838	PCS
	4		6
123x123x40		L=1060	

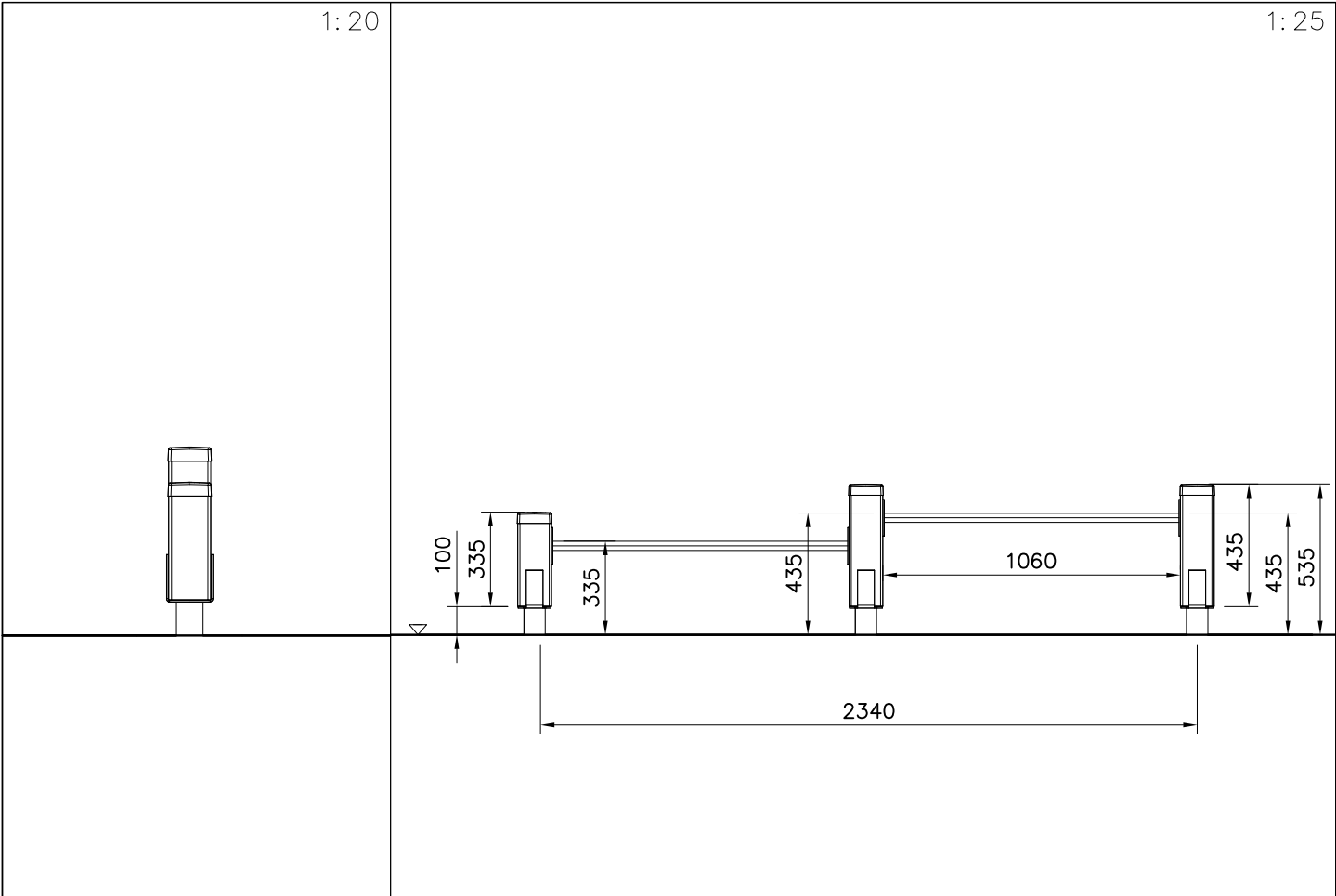


17 906006 PCS 8  Ø64/34,5x59	18 906583 PCS 2  126x181x14x3	19 909246 PCS 6  M12x140	20 980114 PCS 16  Ø4x20	21 900240 PCS 16  Ø8x70	22 980104 PCS 4  Ø5x90
23 980123 PCS 72  Ø7x60	24 980154 PCS 6  Ø24/13	25 980161 PCS 8  M10	26 905800 PCS 1  2260x600x1270	27 909256 PCS 72  Ø16/8.4	28 706263 PCS 1 
					29 702339 PCS 1  118x78



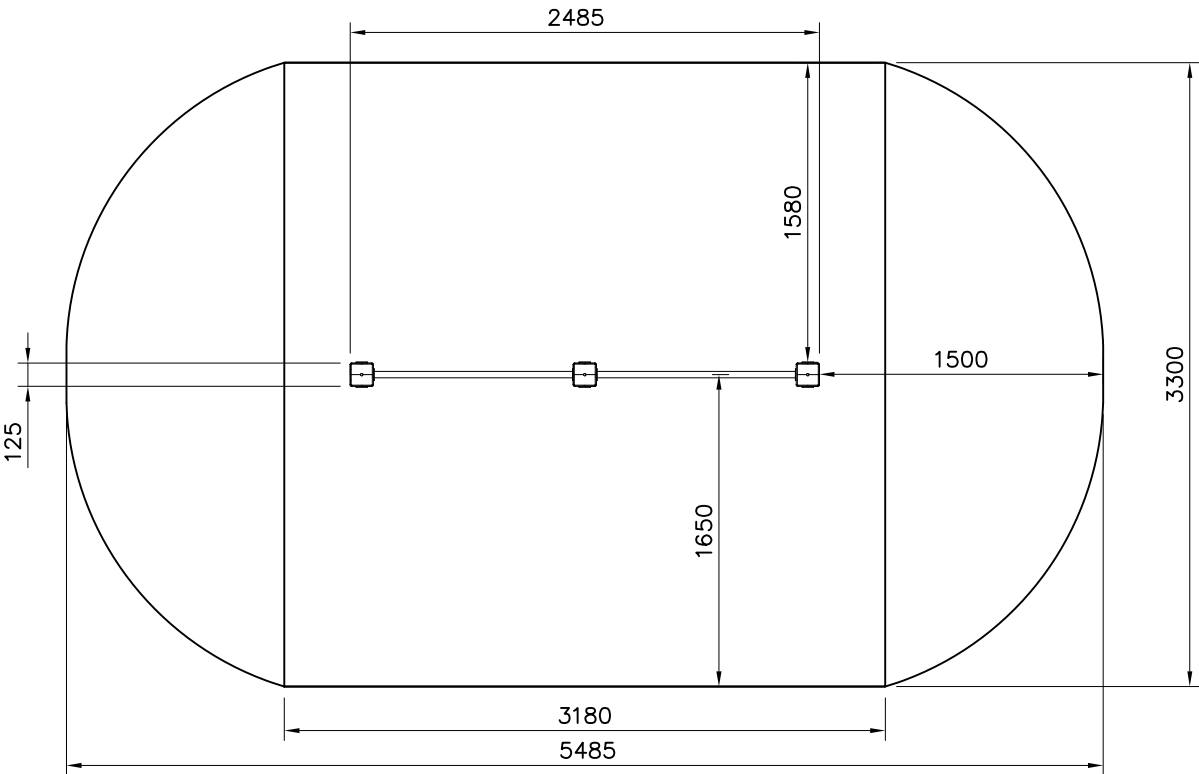


705348 905838 905830 905761 705349 PARTS DET 16 PARTS DET 1 BASE DET 1-4 OR 7-9	① 706025	PCS	② 705348	PCS
		1		1
			120x120x300	
	③ 705349	PCS	④ 980114	PCS
		2		4
	120x120x400		Ø4x20	
	⑤ 980123	PCS	⑥ 905104	PCS
		28		12
	Ø7x60		M10	
	⑦ 905761	PCS	⑧ 905830	PCS
		3		3
	120x120x700		123x123x40	
	⑨ 905838	PCS	⑩ 980104	PCS
		2		3
	L=1060		Ø5x90	
	⑪ 909256	PCS		PCS
		28		
	Ø16/8.4			
		PCS		PCS
		PCS		PCS



Area of Movement 16.2 m²
Training Space 10.5m²
Max Falling Height 435 mm

1: 40

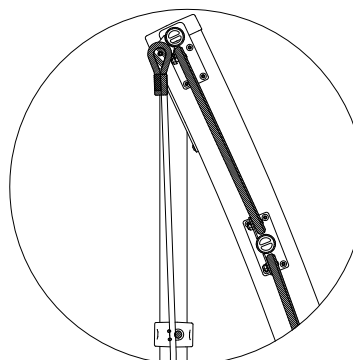




--	--	--	--



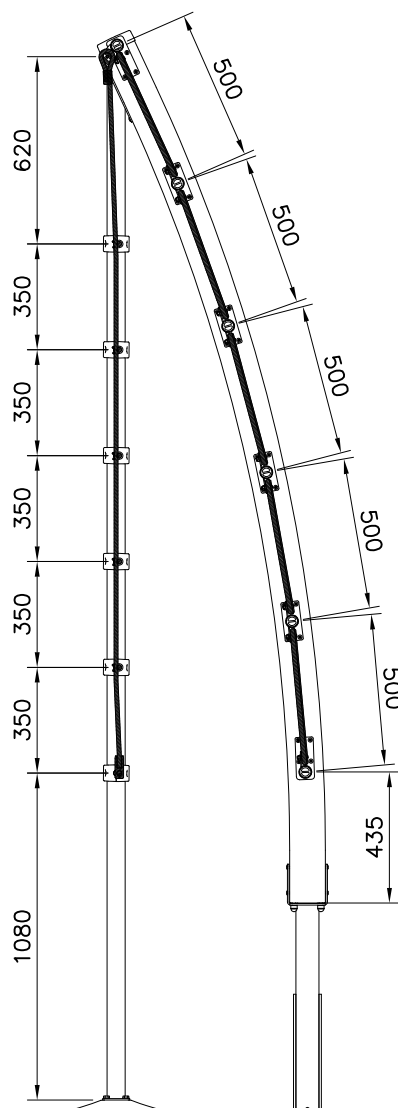
(26) 902232 M10x55	PCS 12	(27) 902233 M10x30	PCS 12	(28) 909256 Ø16/8.4x1.6	PCS 104	(29) 909637 M10	PCS 9	(30) 909633 M8	PCS 40	(31) 909852 M8x30	PCS 40
(32) 909638 Ø20/10.5	PCS 18	(33) 980161 M10	PCS 24	(34) 702339 118x78	PCS 1						

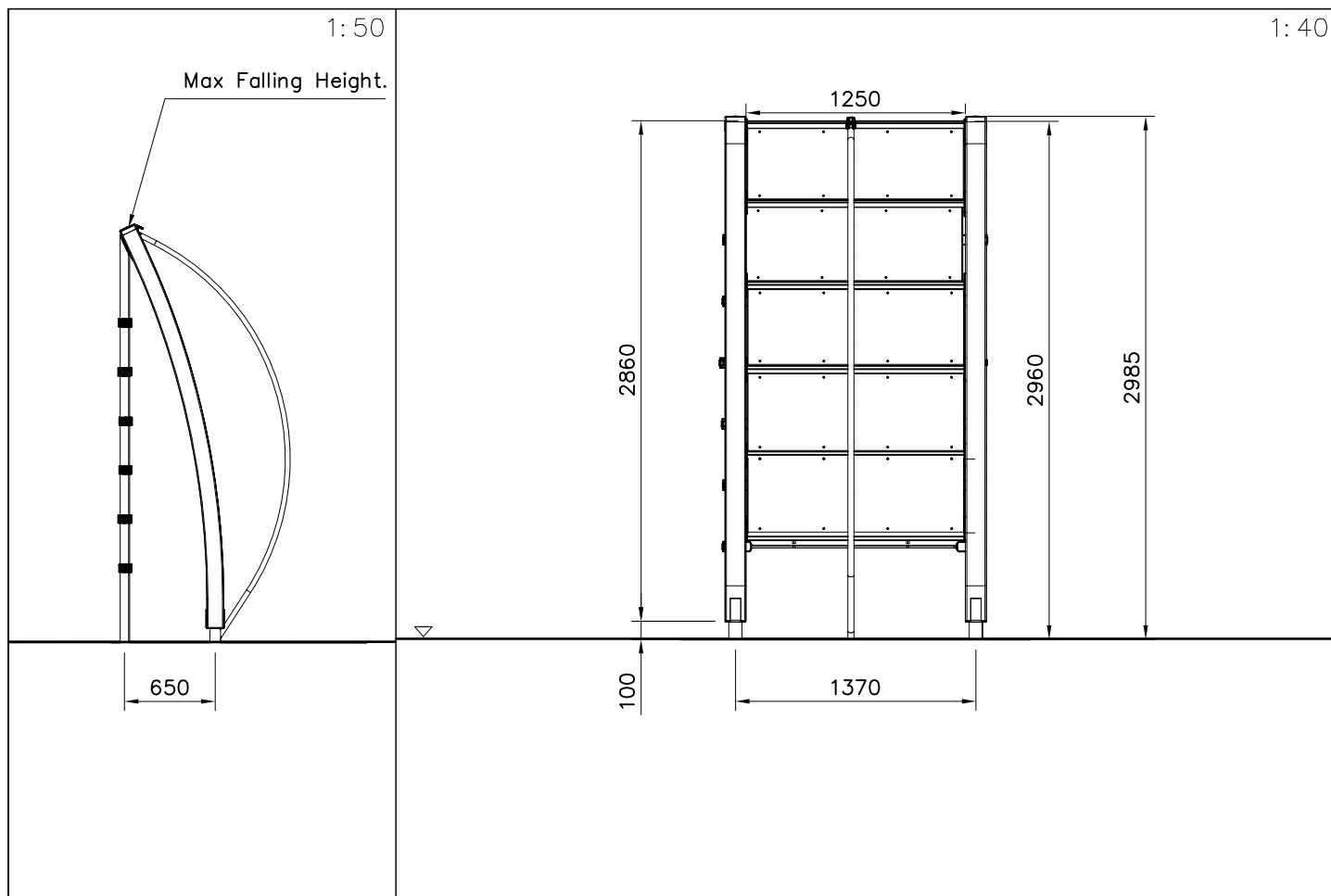


1:25

Net
Verkko

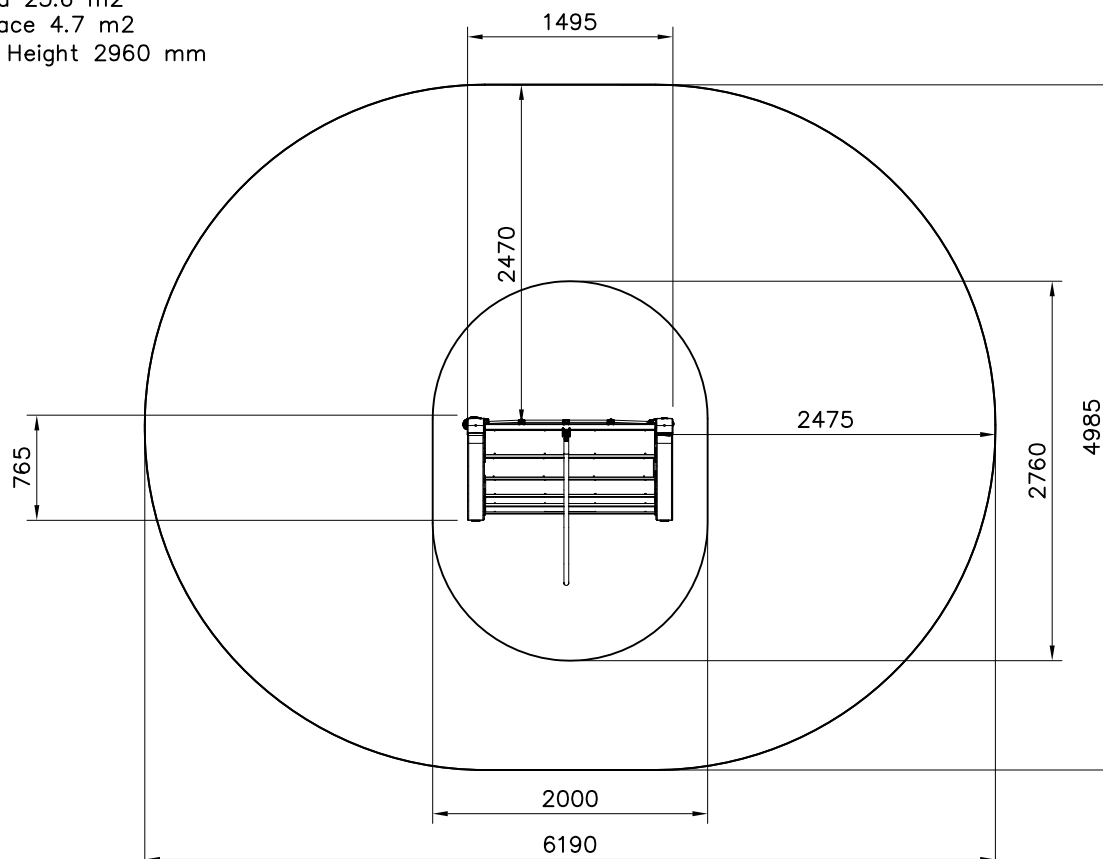
Wall
Seinä

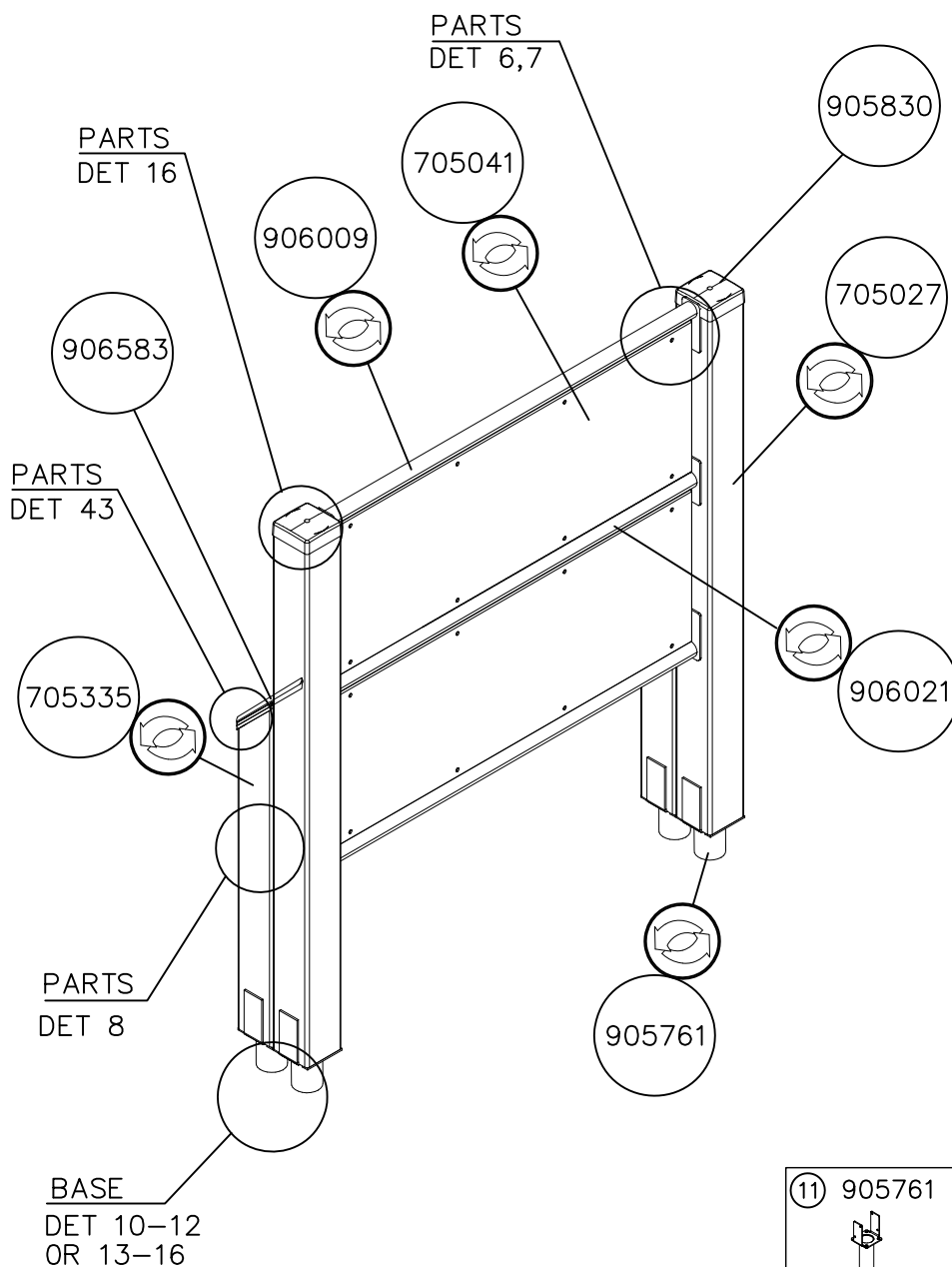




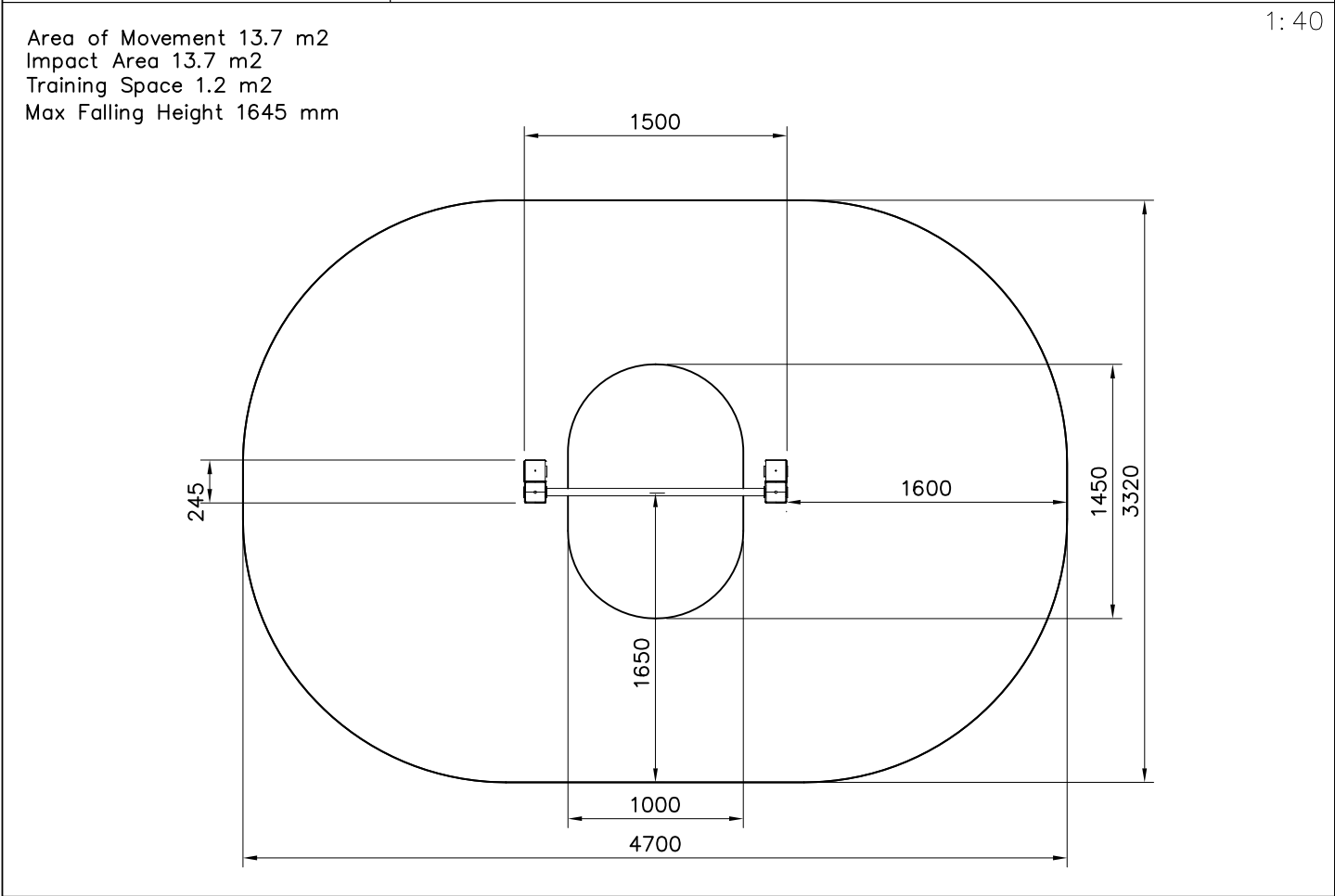
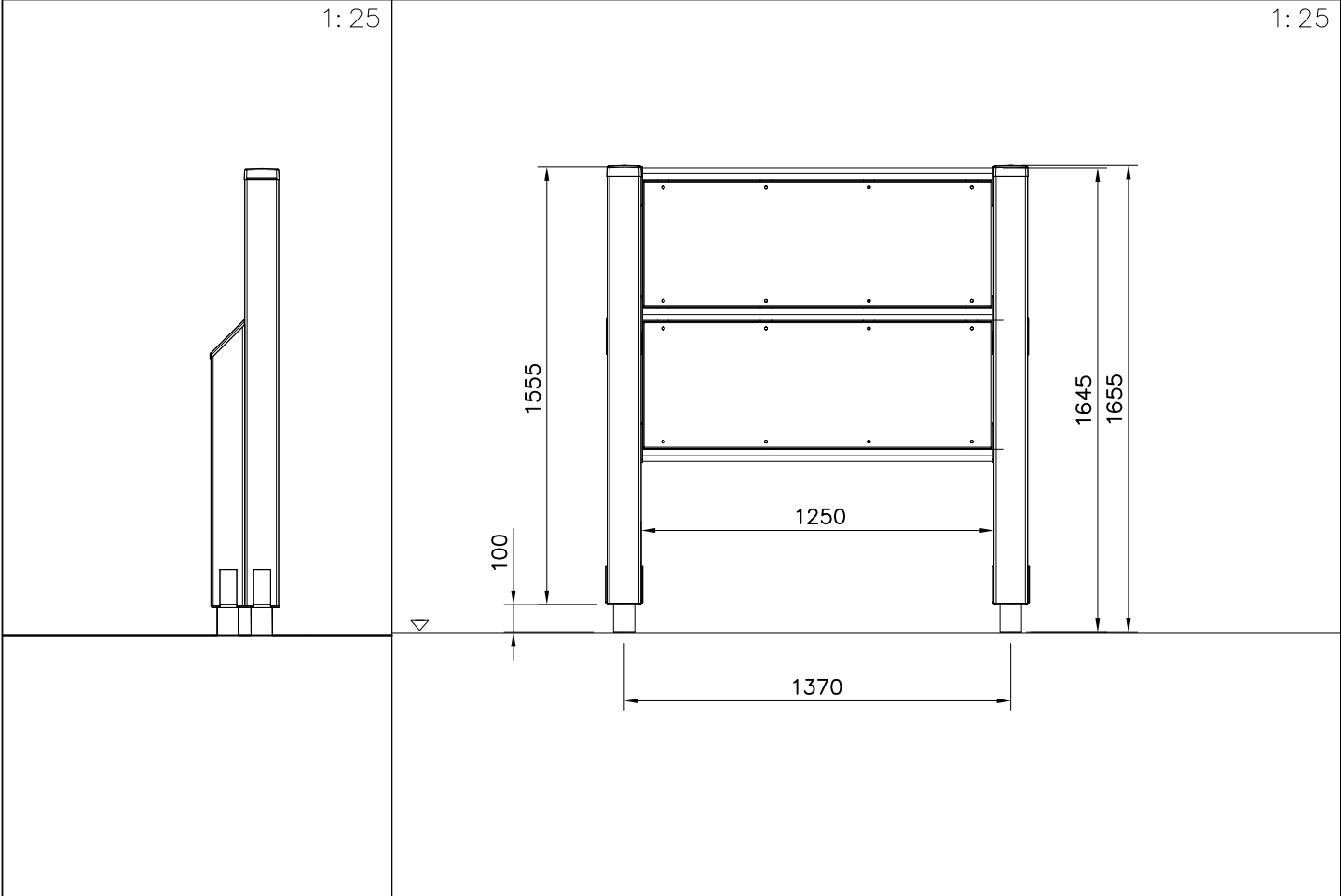
Area of Movement 25.6 m²
Impact Area 25.6 m²
Training Space 4.7 m²
Max Falling Height 2960 mm

1: 55



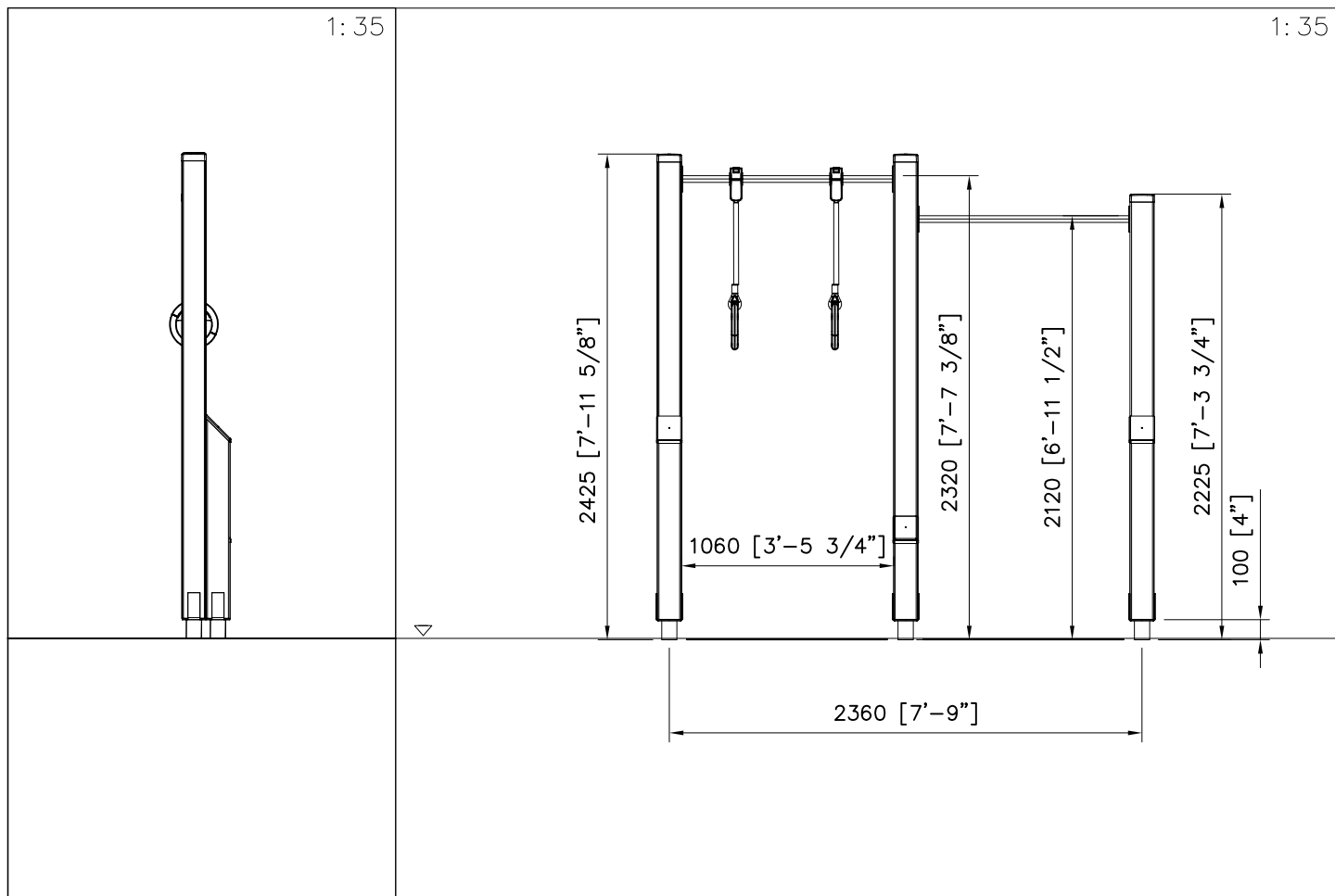


① 706028	PCS	② 705041	PCS
	1		2
		19x451x1240	
③ 705027	PCS	④ 705335	PCS
	2		2
120x120x1520		120x120x1000	
⑤ 980114	PCS	⑥ 905103	PCS
	4		6
Ø4x20		PT-28/32-H	
⑦ 905104	PCS	⑧ 905830	PCS
	16		2
M10		123x123x40	
⑨ 906009	PCS	⑩ 906021	PCS
	2		1
Ø42,4x1252		Ø42,4x1252	
⑪ 905761	PCS	⑫ 906583	PCS
	4		2
120x120x700		126x181x14x3	
		M12x140	
⑭ 909633	PCS	⑮ 909852	PCS
	16		16
M8		M8x30	
⑯ 980123	PCS	⑰ 980100	PCS
	40		2
Ø7x60		Ø5x60	
		Ø5x90	
⑱ 980152	PCS	⑳ 980154	PCS
	16		6
Ø24/8.4x2		Ø24/13	
		⑳ 909256	PCS
			40
		Ø16/8.4	





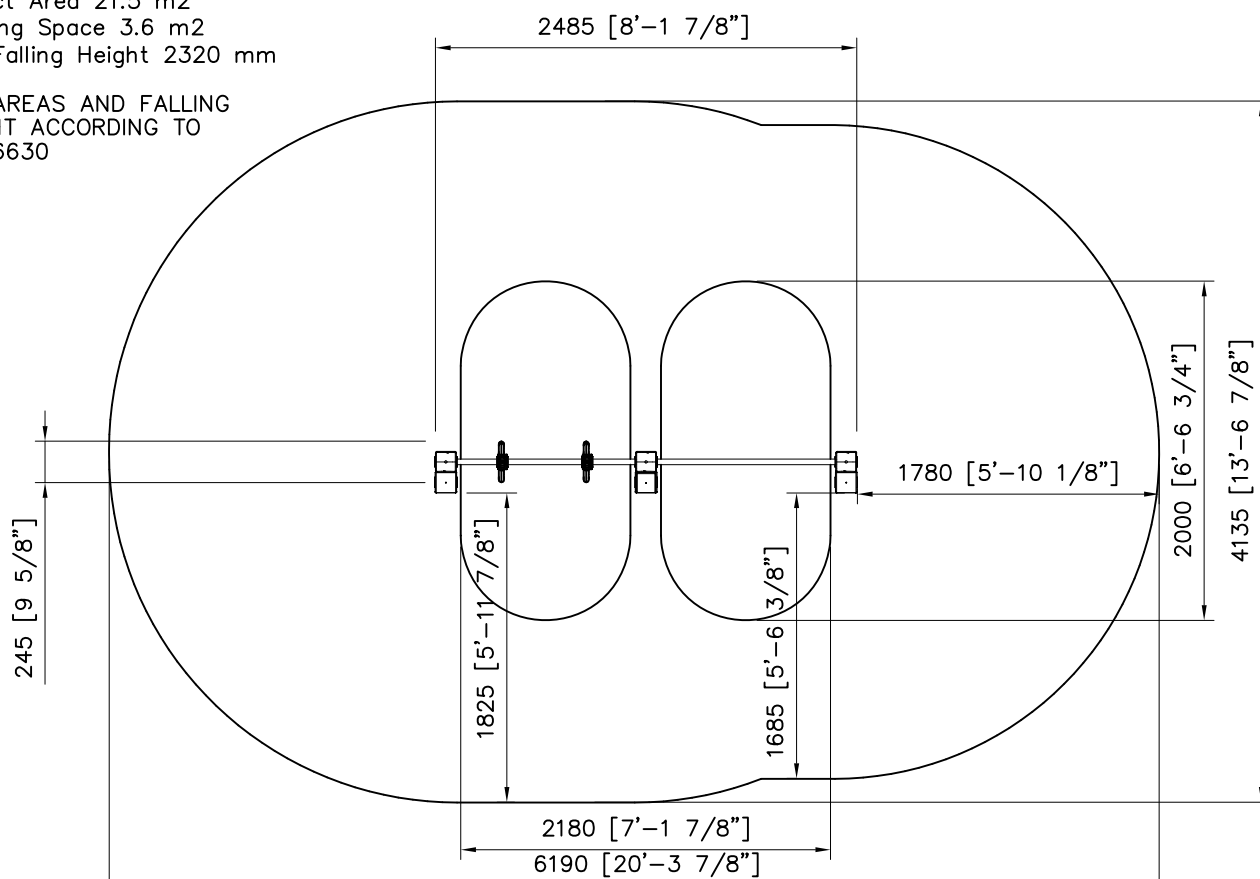
				① 706030 120x120x2290	PCS 1	② 705231 120x120x2290	PCS 1
				③ 705335 120x120x1000	PCS 2	④ 705388 120x120x2090	PCS 1
				⑤ 705402 120x120x2290	PCS 1	⑥ 705405 120x120x500	PCS 1
				⑦ 705406 126x181x18	PCS 1	⑧ 902195 150x50x50	PCS 4
				⑨ 902232 M10x55	PCS 2	⑩ 902233 M10x30	PCS 2
				⑪ 706088 126x181x18	PCS 1	⑫ 905103 PT-28/32-H	PCS 7
				⑬ 905104 M10	PCS 24	⑭ 905761 120x120x700	PCS 6
				⑮ 905830 123x123x40	PCS 3	⑯ 905838 L=1060	PCS 2
				⑰ 906583 126x181x14x3	PCS 2	⑱ 909246 M12x140	PCS 7
				⑲ 980114 Ø4x20	PCS 8	⑳ 980100 Ø5x60	PCS 3
				㉑ 980104 Ø5x90	PCS 3	㉒ 980123 Ø7x60	PCS 40
				㉓ 980154 Ø24/13	PCS 7	㉔ 980161 M10	PCS 4
				㉕ 705040 Ø16x764	PCS 2	㉖ 906006 Ø64/34,5x59	PCS 4
				㉗ 909256 Ø16/8.4	PCS 40		

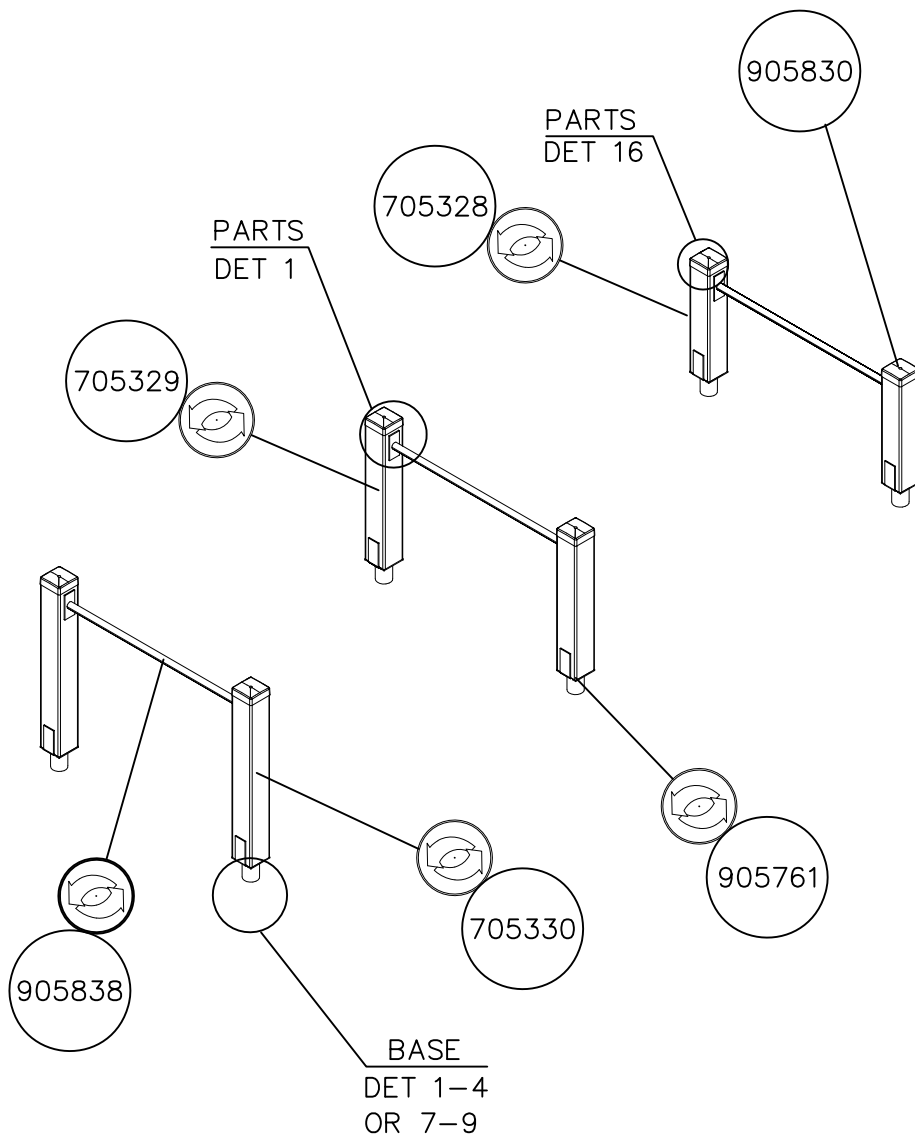


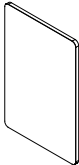
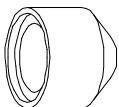
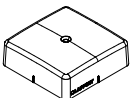
Area of Movement 21.5 m²
Impact Area 21.5 m²
Training Space 3.6 m²
Max Falling Height 2320 mm

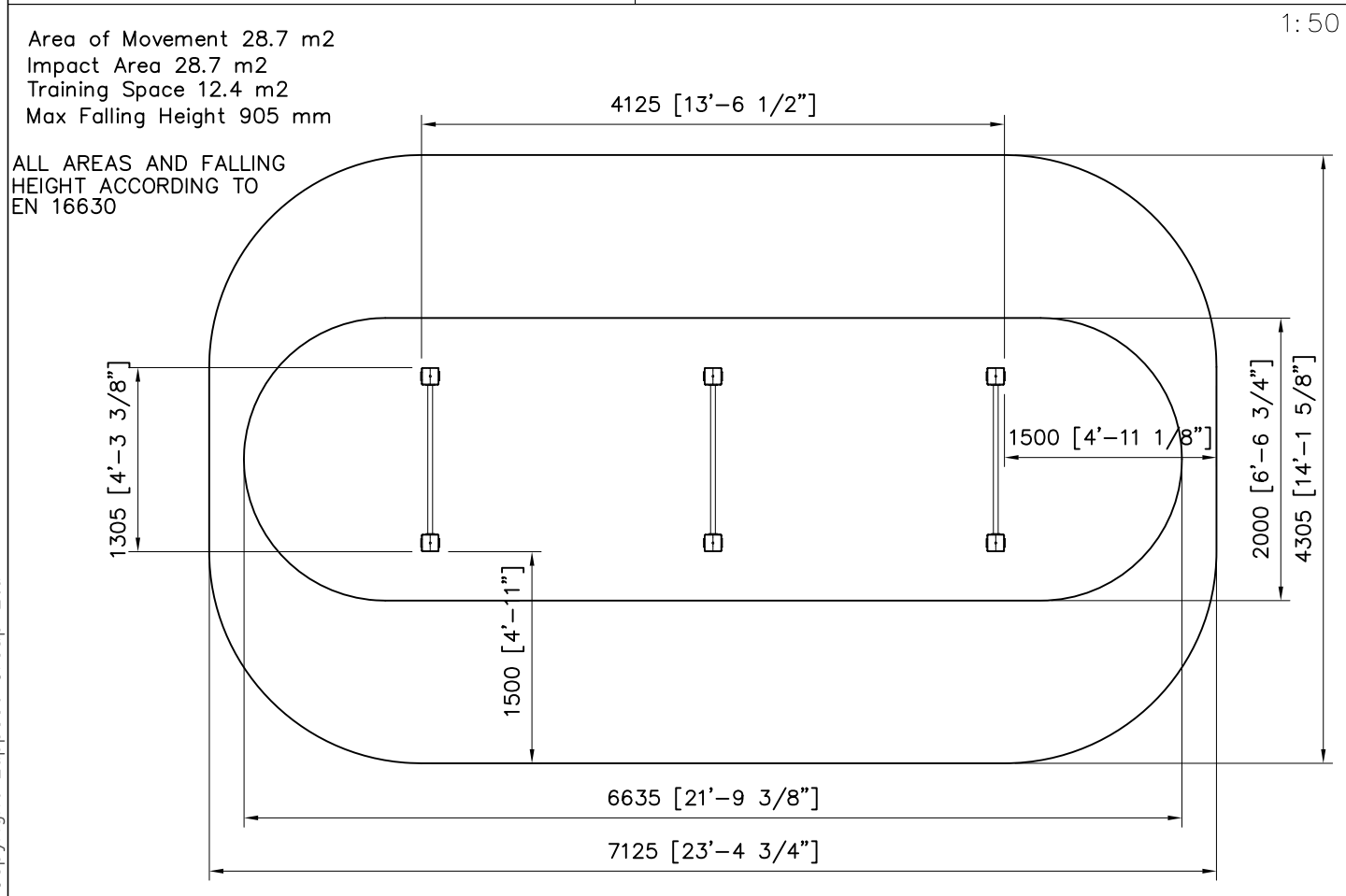
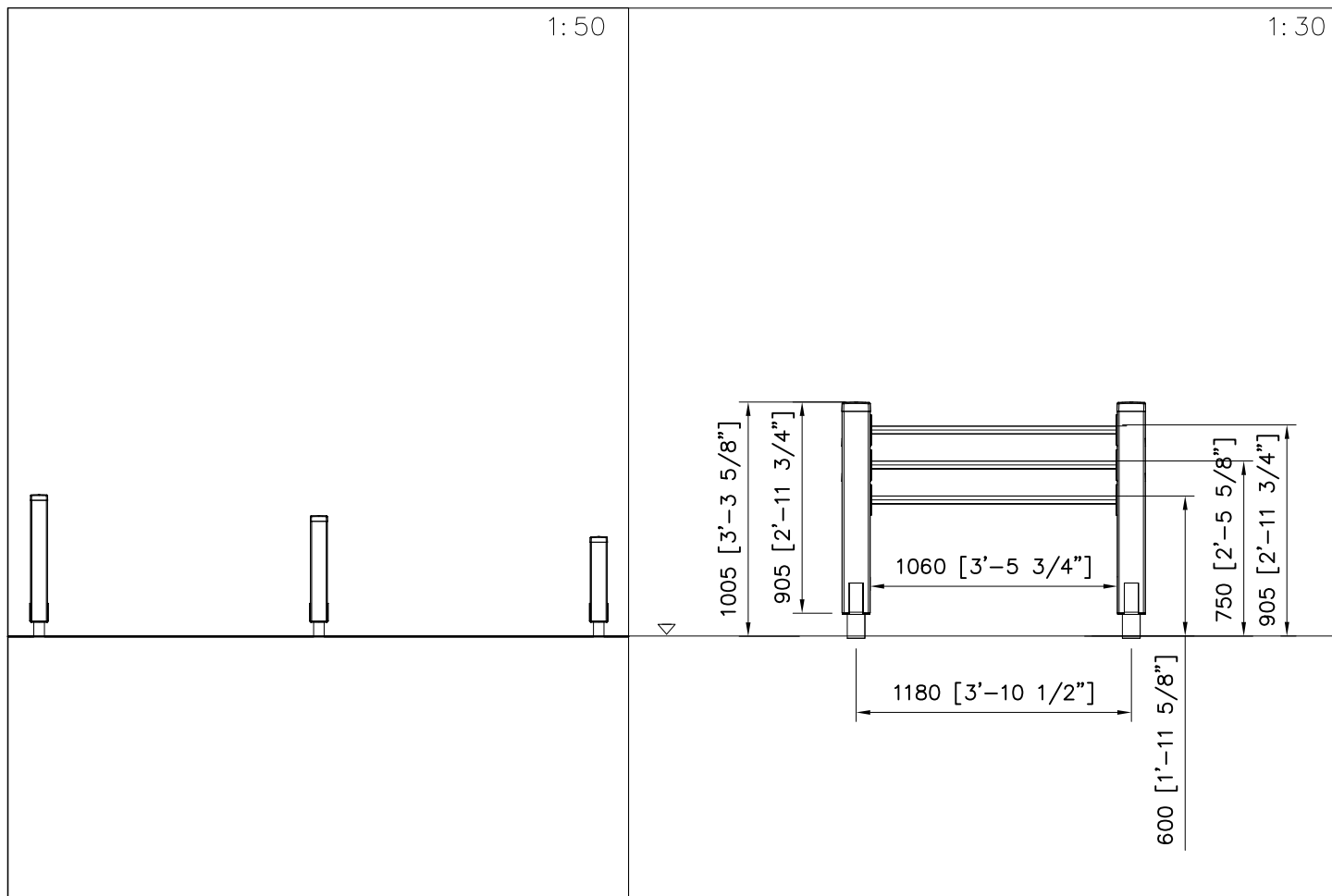
ALL AREAS AND FALLING
HEIGHT ACCORDING TO
EN 16630

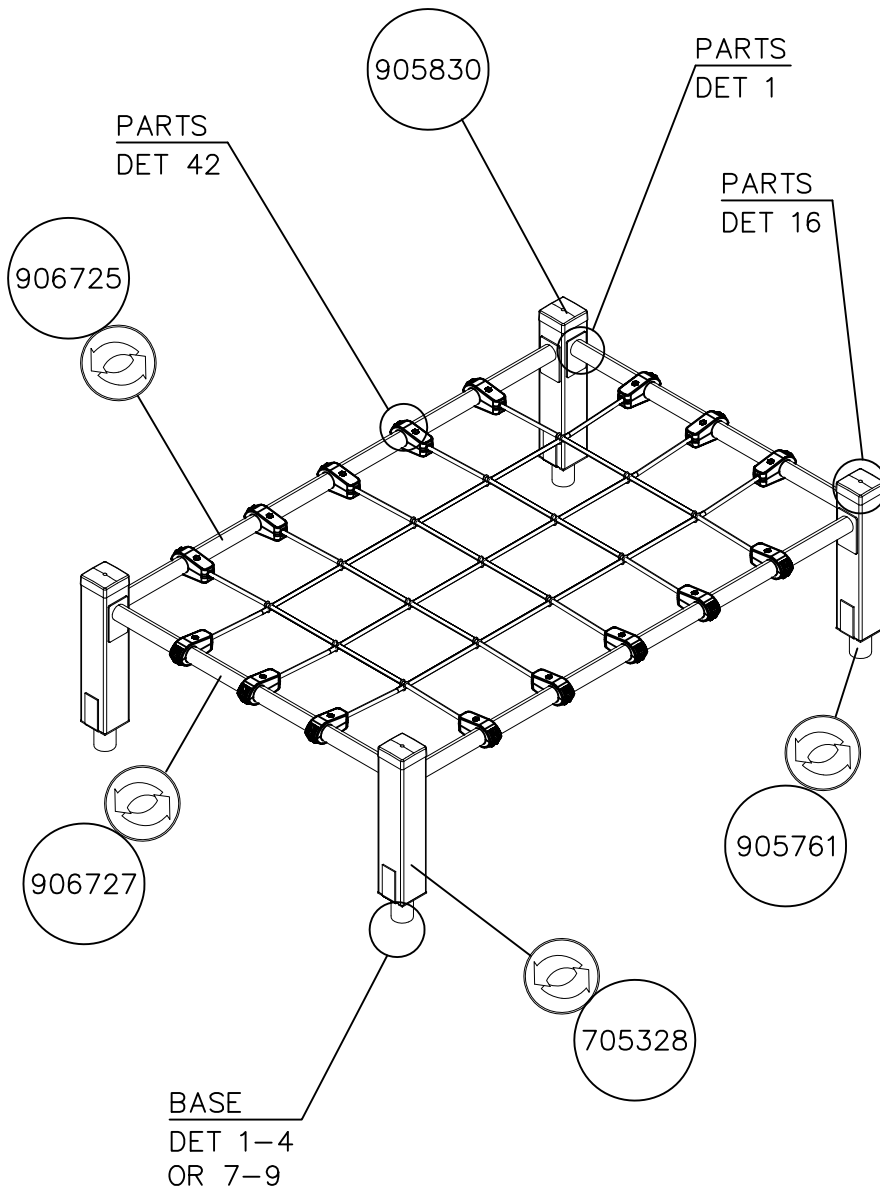
1:45





① 706031	PCS 1	② 705328	PCS 2
			
		120x120x570	
③ 705329	PCS 2	④ 705330	PCS 2
			
120x120x720		120x120x870	
⑤ 980114	PCS 4	⑥ 905838	PCS 3
			
Ø4x20		L=1060	
⑦ 905104	PCS 24	⑧ 905761	PCS 6
			
M10		120x120x700	
⑨ 905830	PCS 6	⑩ 980104	PCS 6
			
123x123x40		Ø5x90	
⑪ 980123	PCS 48	⑫ 909256	PCS 48
			
Ø7x60		Ø16/8.4	
	PCS		PCS
	PCS		PCS



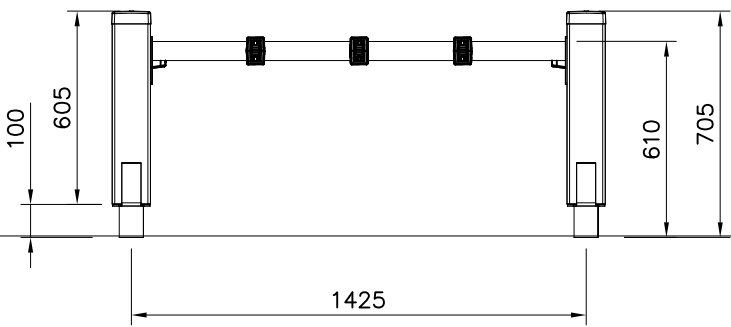
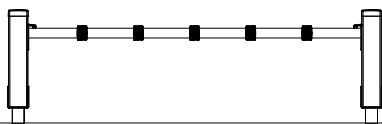


① 706036	PCS	② 980114	PCS
	1		8
		Ø4x20	
③ 905104	PCS	④ 905830	PCS
	16		4
M10		123x123x40	
⑤ 980123	PCS	⑥ 905761	PCS
	48		4
Ø7x60		120x120x700	
⑦ 902273	PCS	⑧ 705328	PCS
	32		4
		120x120x570	
⑨ 705537	PCS	⑩ 902195	PCS
	1		32
		150x50x50	
⑪ 906727	PCS	⑫ 906725	PCS
	2		2
Ø60x1307		Ø60x2080	
⑬ 980104	PCS	⑭ 980161	PCS
	4		32
Ø5x90		M10	
⑮ 902232	PCS	⑯ 902233	PCS
	16		16
M10x55		M10x30	
⑰ 909256	PCS	⑱ 702339	PCS
	48		1
Ø16/8.4		118x78	



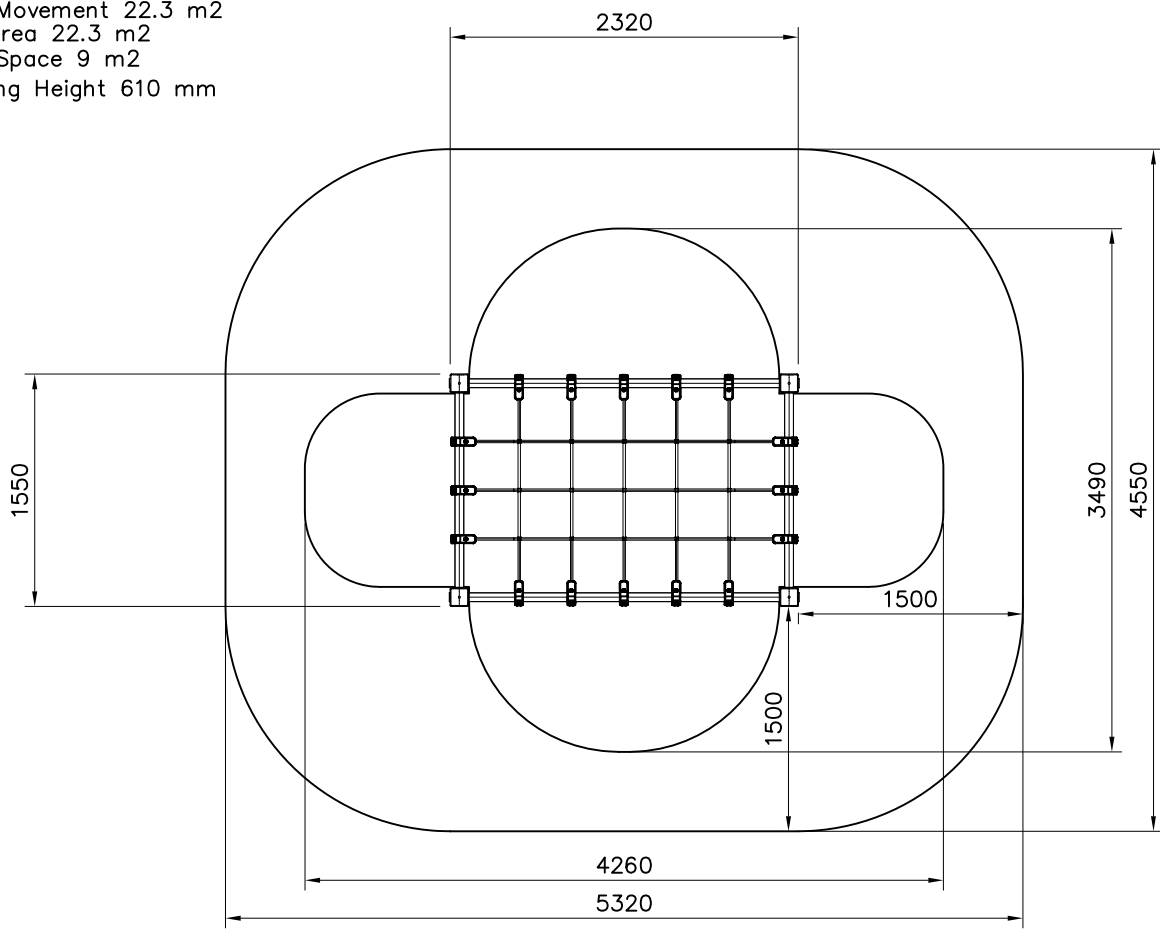
1: 47

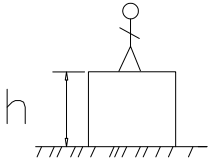
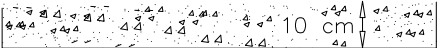
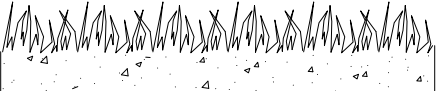
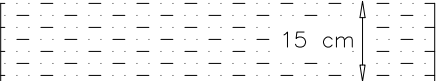
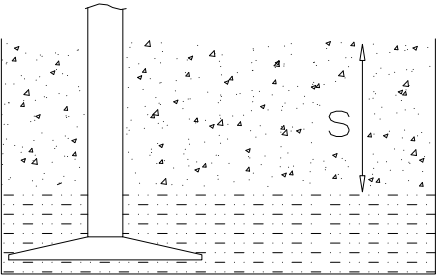
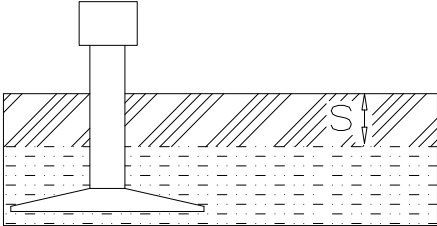
1: 24



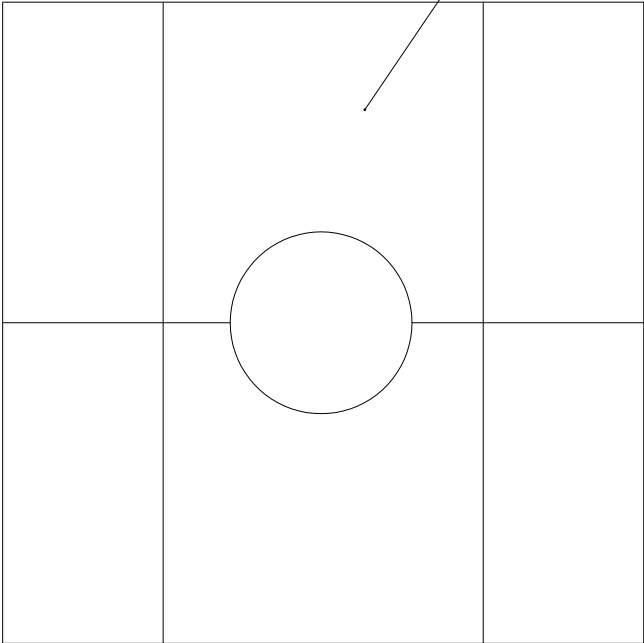
Area of Movement 22.3 m²
Impact Area 22.3 m²
Training Space 9 m²
Max Falling Height 610 mm

1: 50

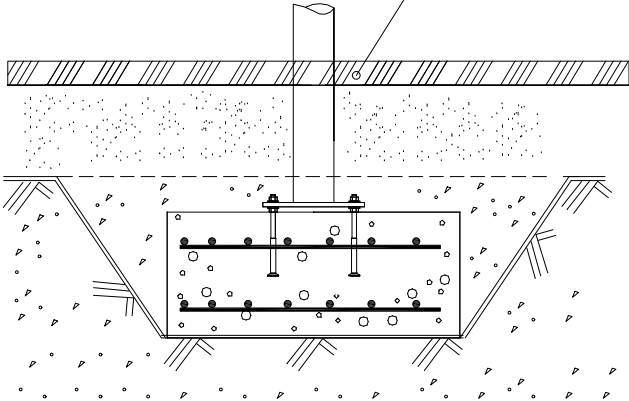


		
$h < 600$ Without movement and therefore without Impact Area	Totally hard surfaces.	E.g. concrete or asphalt 
$h < 600$ With movement e.g. rocking	Materials with very limited impact attenuating properties.	E.g. wood 
$h < 1000$	Materials with significant impact attenuating properties.	fine gravel 0–8 mm  grass  unsorted sand 
$h < 3000$	Loose fill material E.g. sand/gravel 0,25...8 mm D60/D10<3,0 Woodchips 5...30 mm bark 20...80 mm	 $\underline{S}$ 30 cm 40 cm $\underline{h}$ < 2,0 m < 3,0 m
	Syntethic granulates $\underline{S}$ 40 mm ~> 1,2...1,3 m 50 mm ~> 1,5...1,7 m 60 mm ~> 1,8...2,0 m 70 mm ~> 2,1...2,5 m Note. For accurate values, see manufacturer's instructions.	

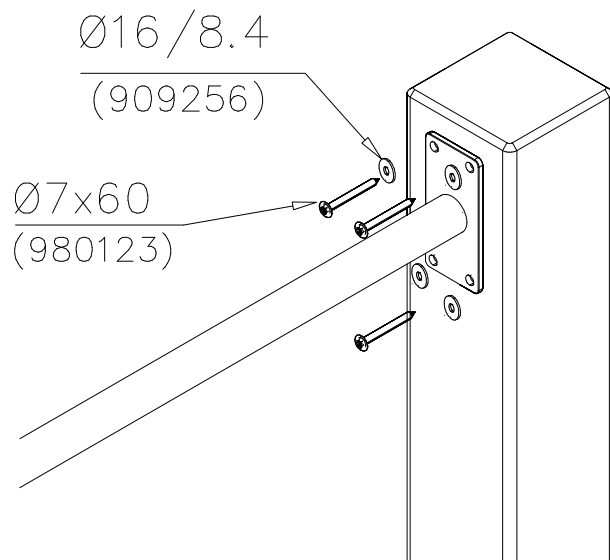
REMOVE SAFETY SURFACE/SAND/GRAVEL
TO CHECK FOUNDATION



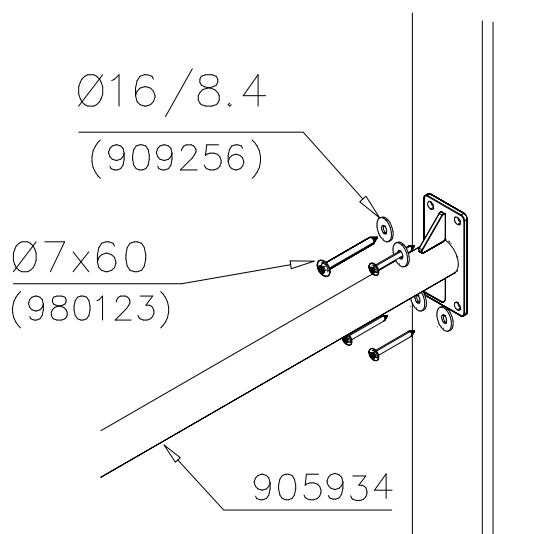
REMOVE SAFETY SURFACE/SAND/GRAVEL
TO CHECK FOUNDATION



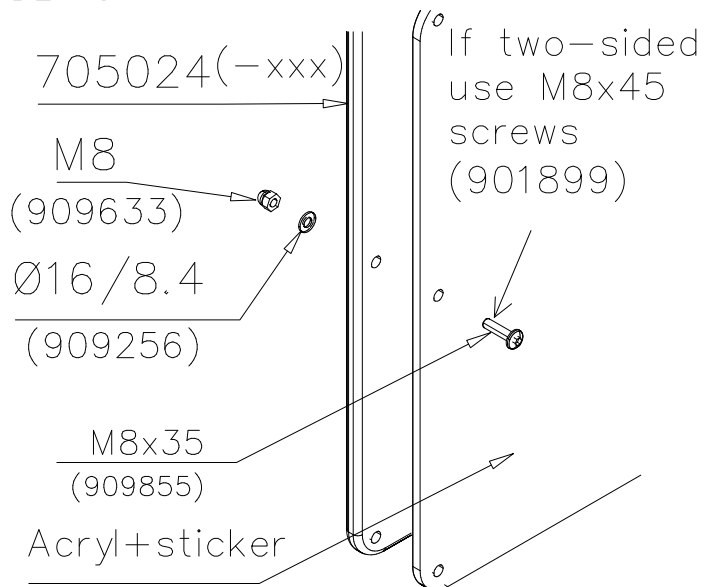
DET 1



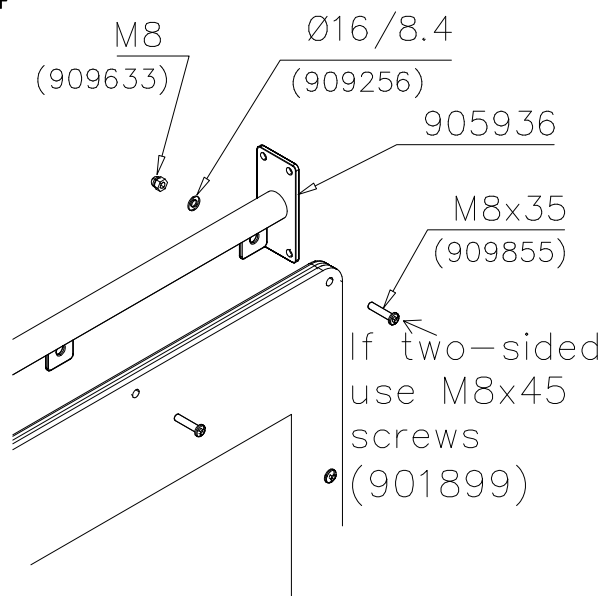
DET 2



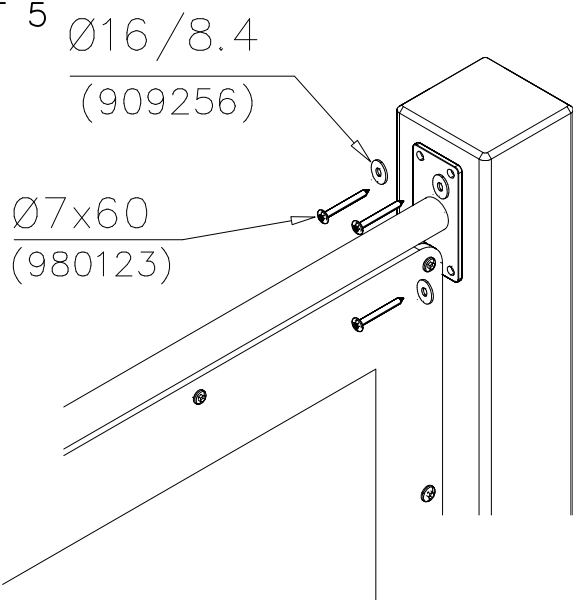
DET 3



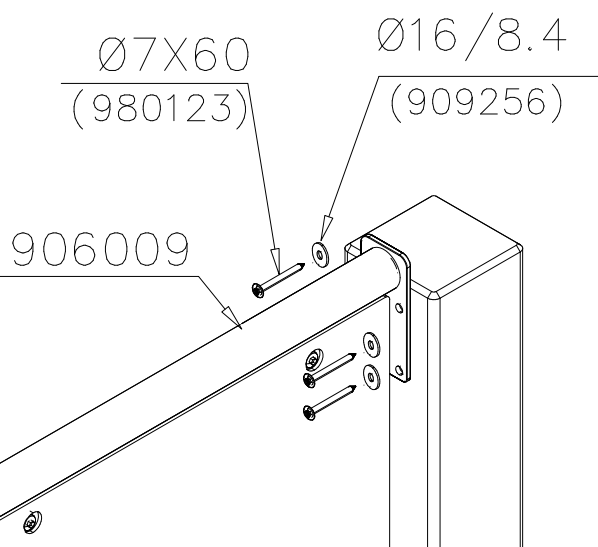
DET 4



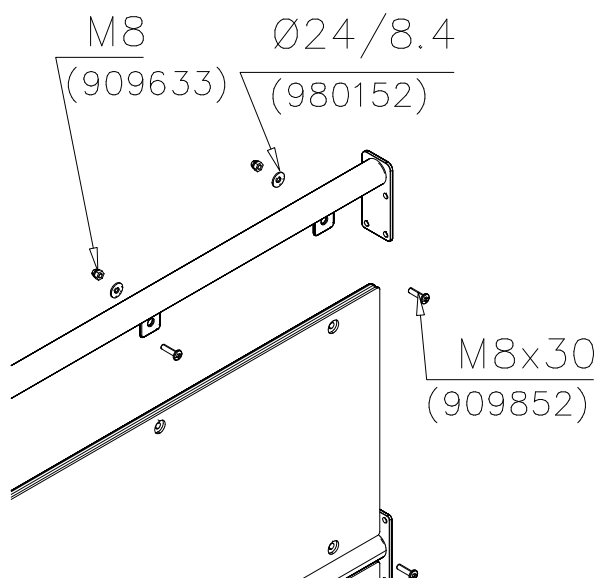
DET 5



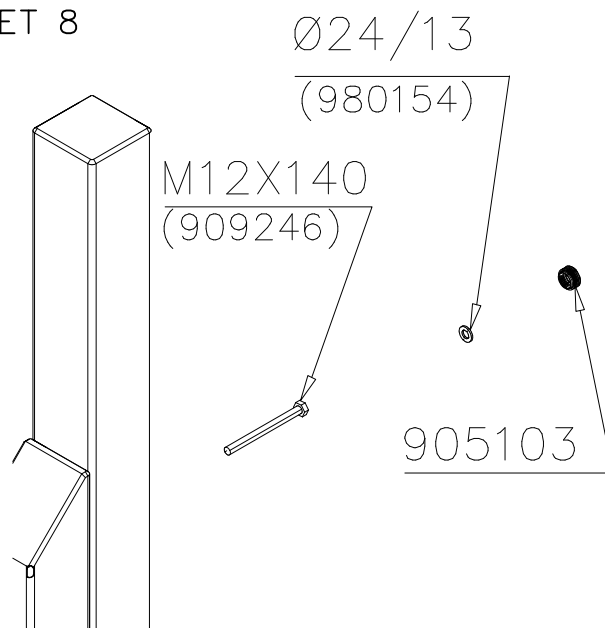
DET 6



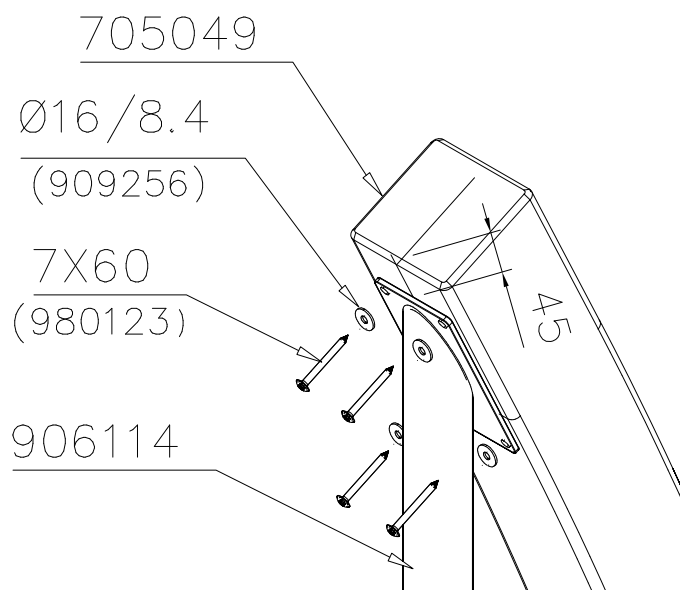
DET 7



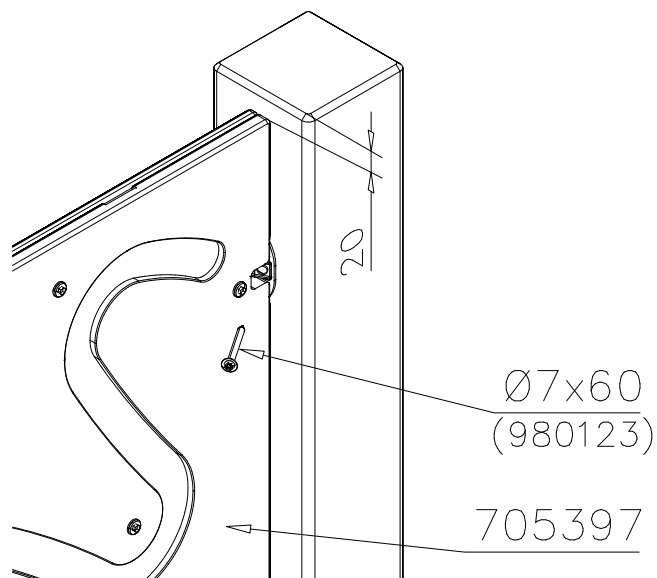
DET 8



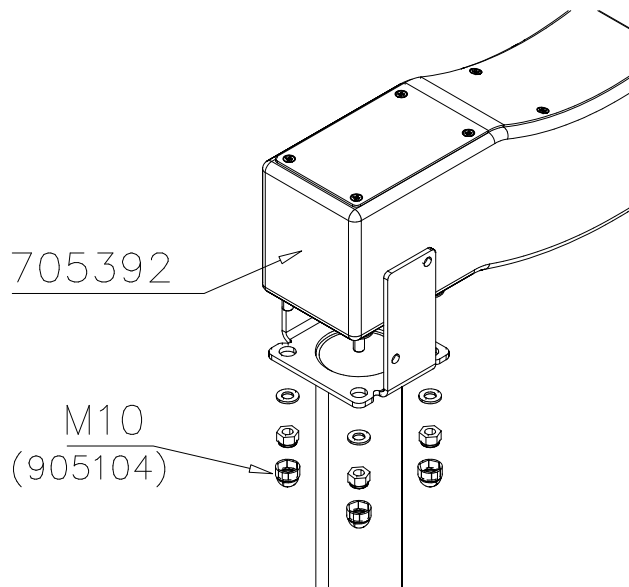
DET 9



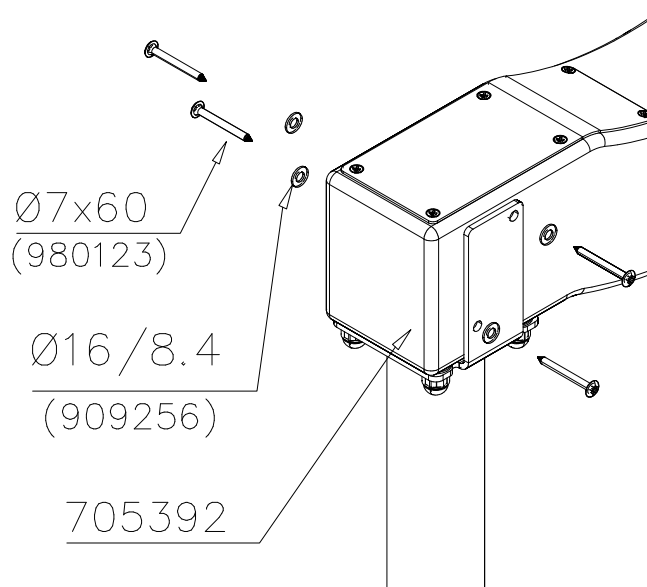
DET 10



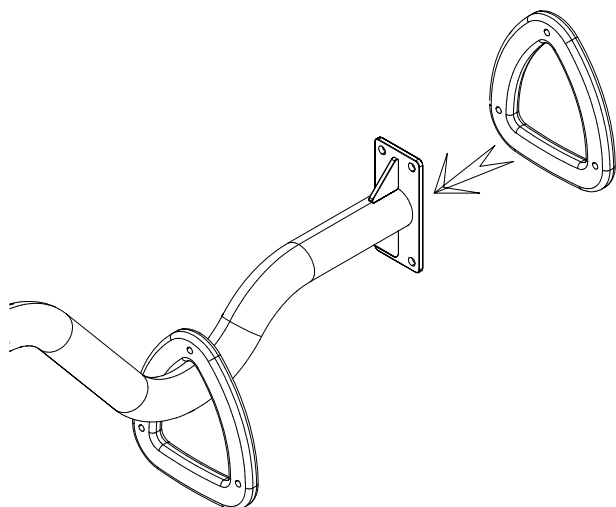
DET 11



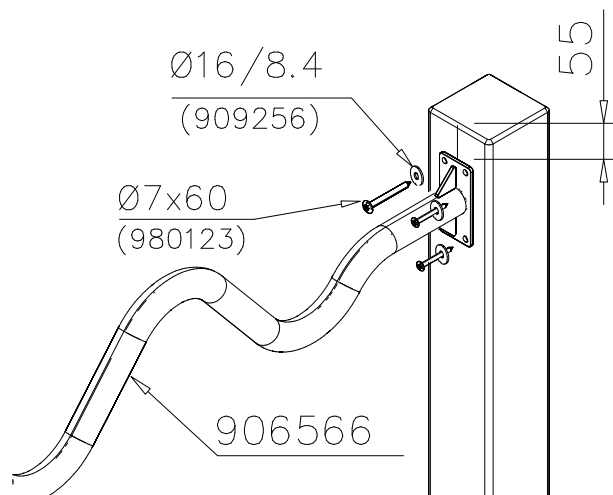
DET 12



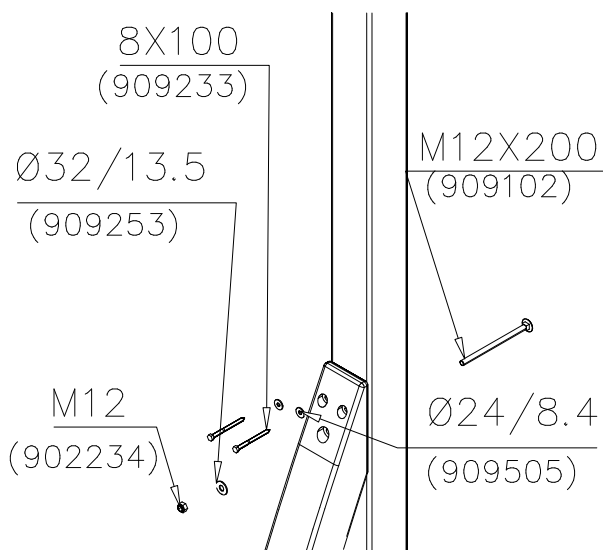
DET 13



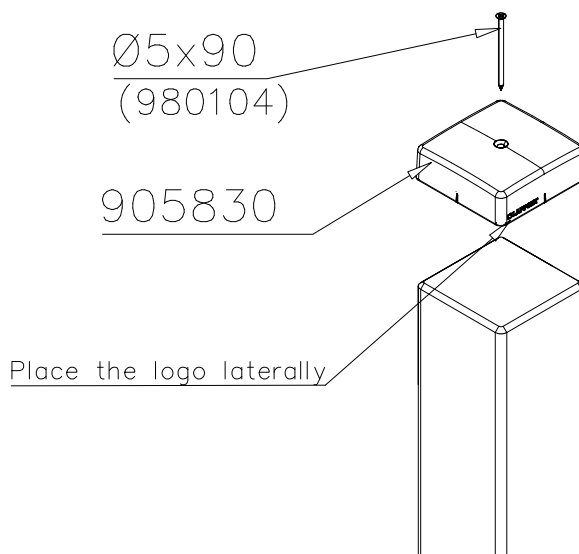
DET 14



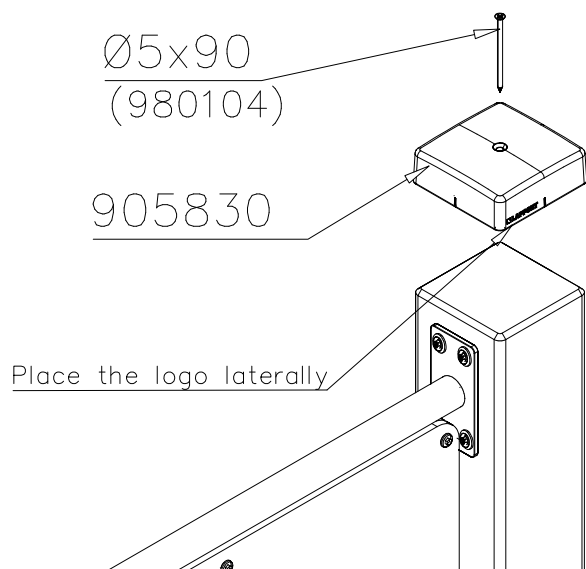
DET 15



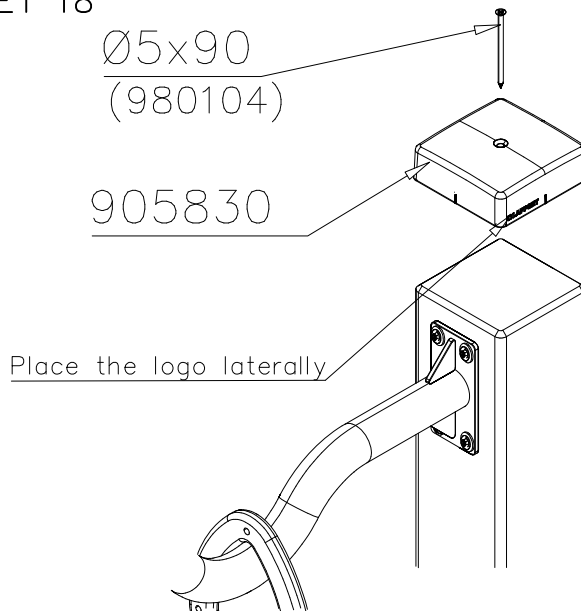
DET 16



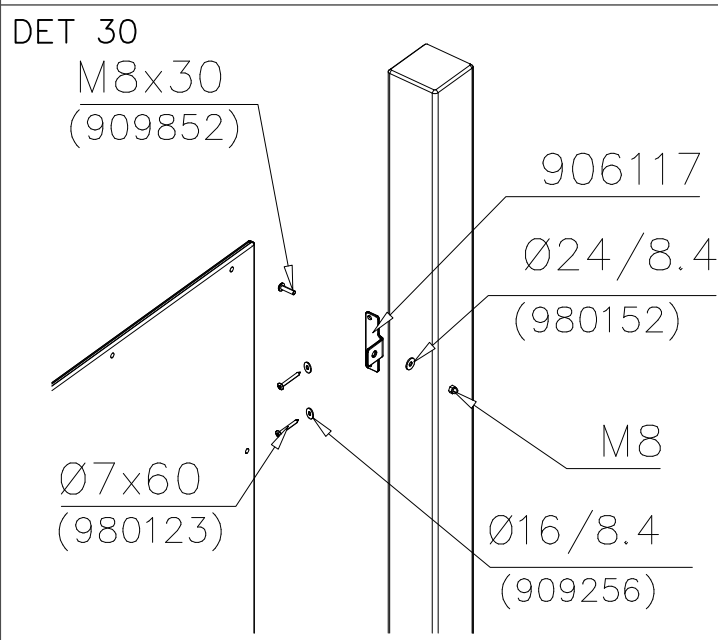
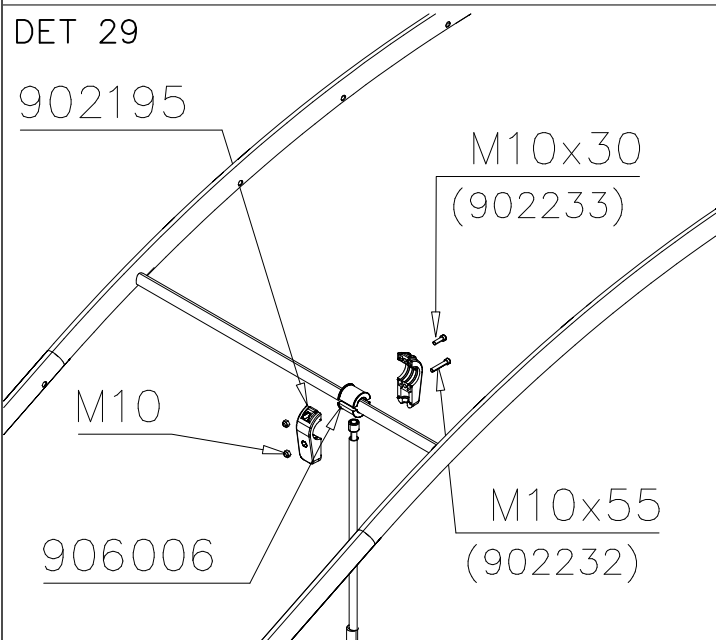
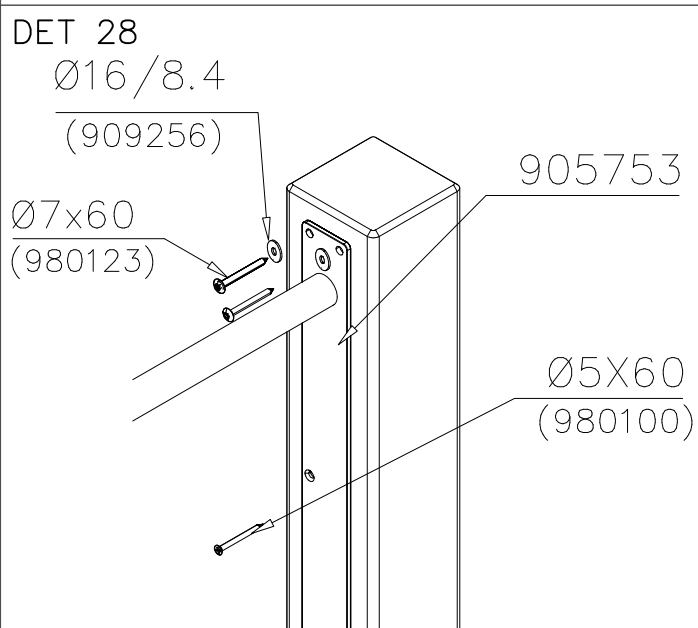
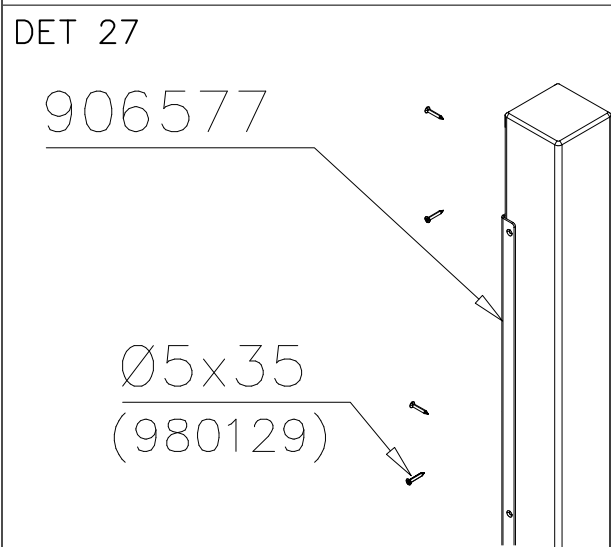
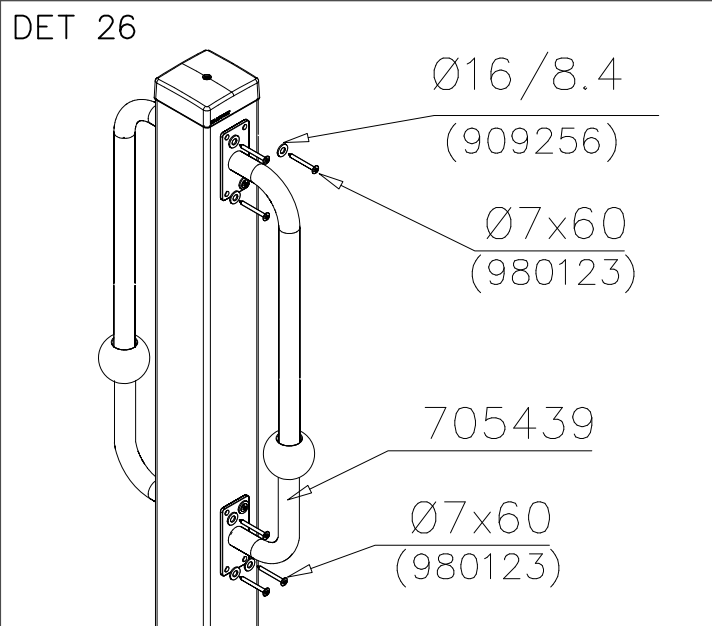
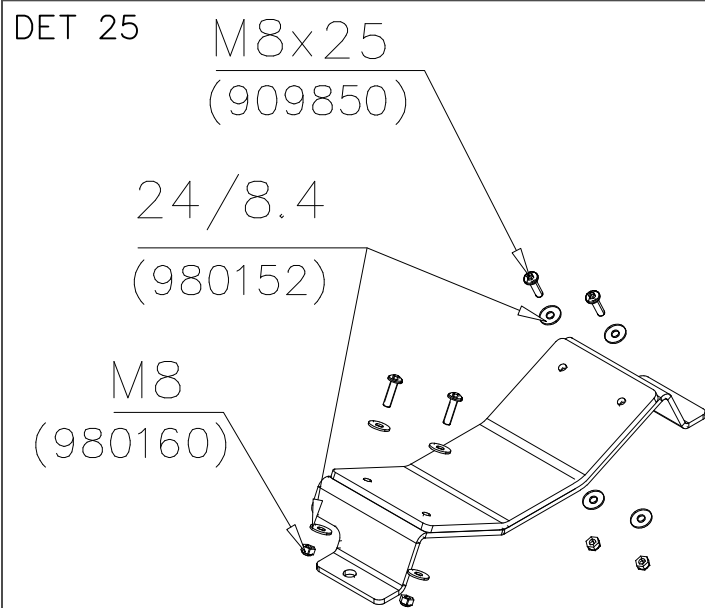
DET 17

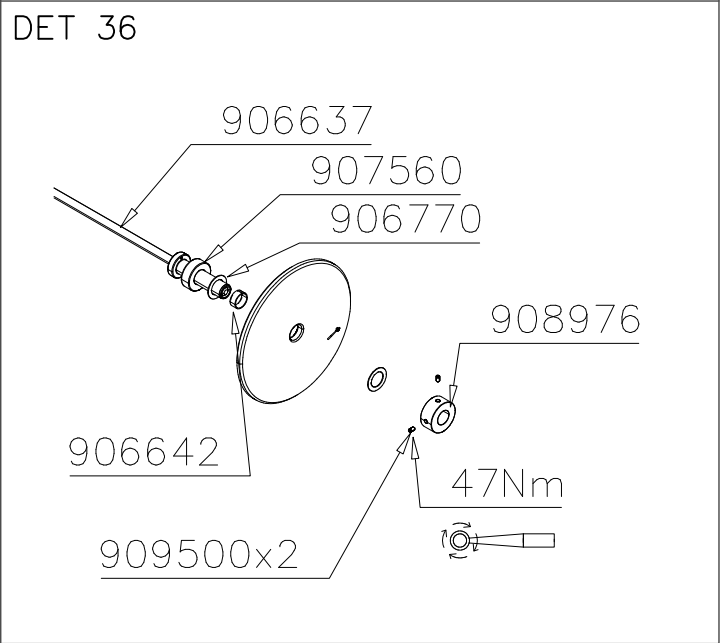
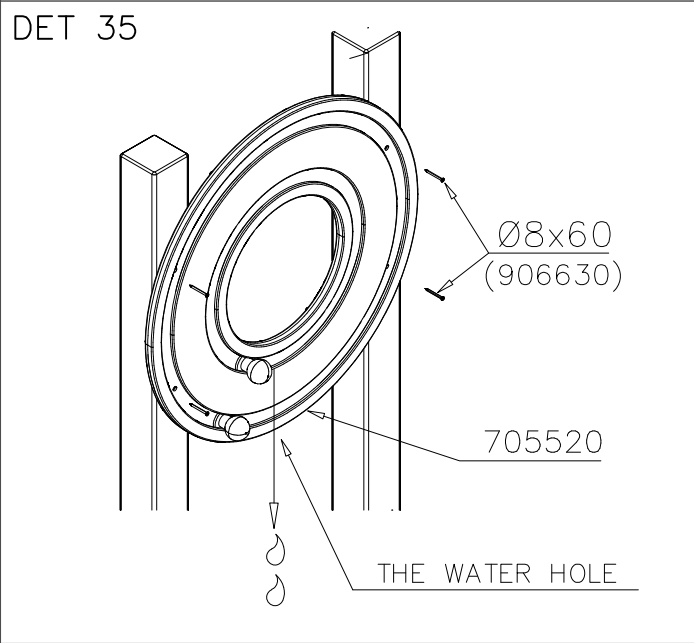
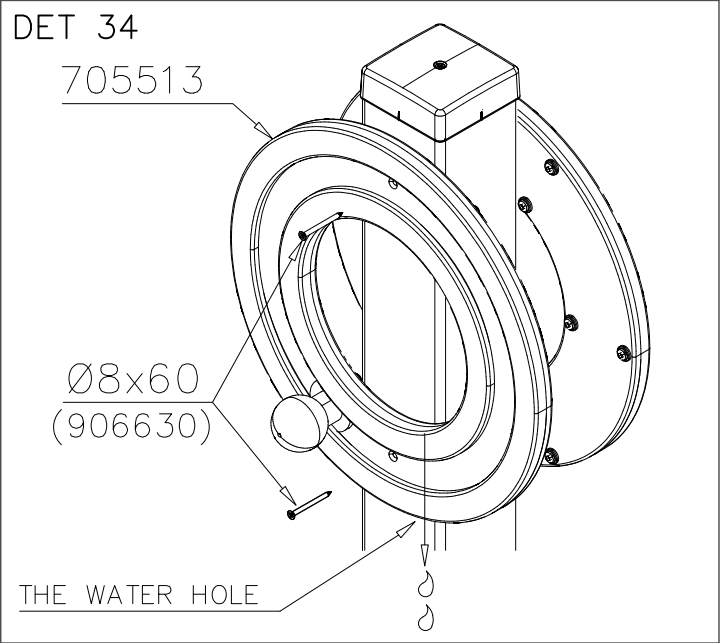
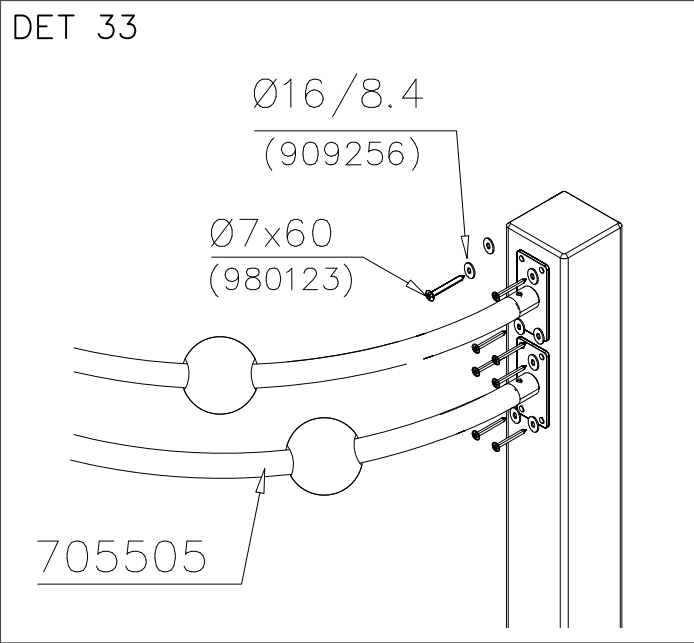
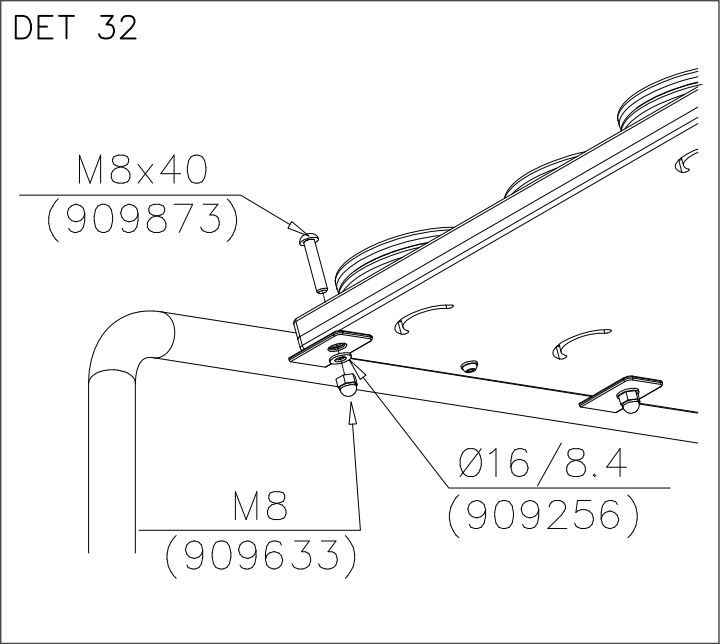
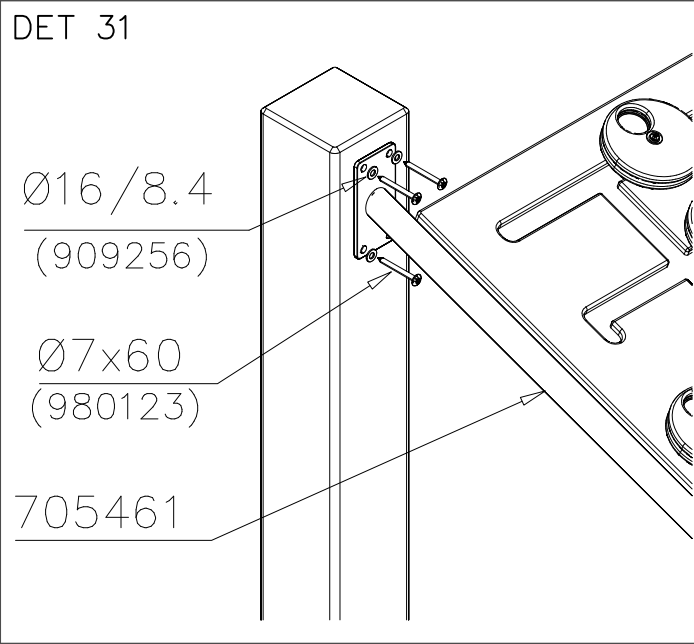


DET 18

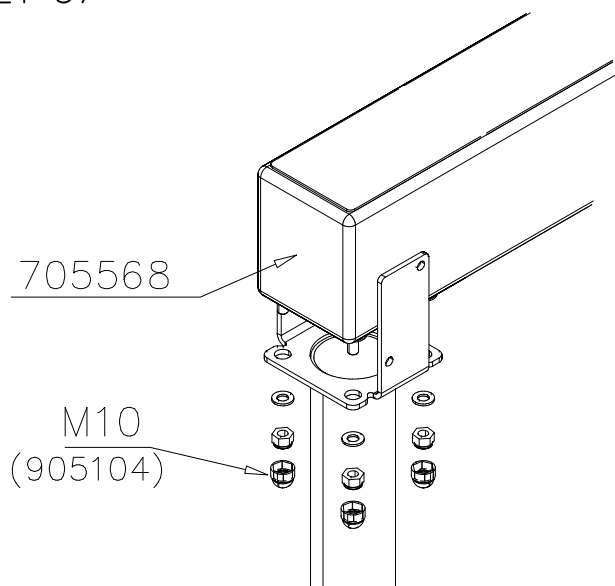


DET 19 M10x40 (901487) Ø20/10.5x2 (901302) M10 (909637)	DET 20 M10x35 (902252) 19x21x25 (903193) Ø20/10.5x2 (901302) M10 (909637)
DET 21 Muoviosan sijoitus (903193) Position of the plastic piece	DET 22 705433 705434 Ø8x70 (900240)
DET 23 Ø32 (905083) Ø16/8.4 (980151) Ø22 (905112) M8x75 (909203) M8	DET 24

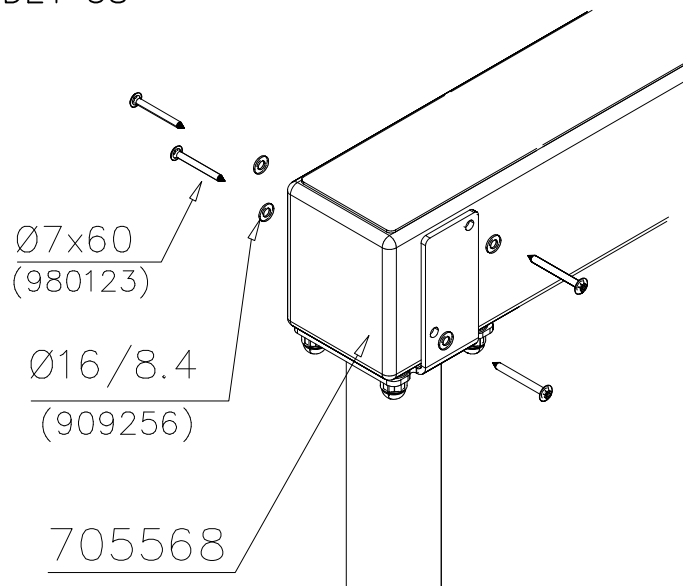




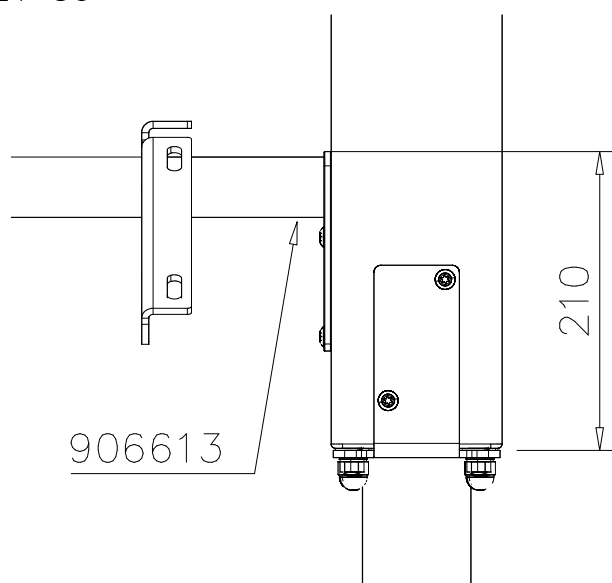
DET 37



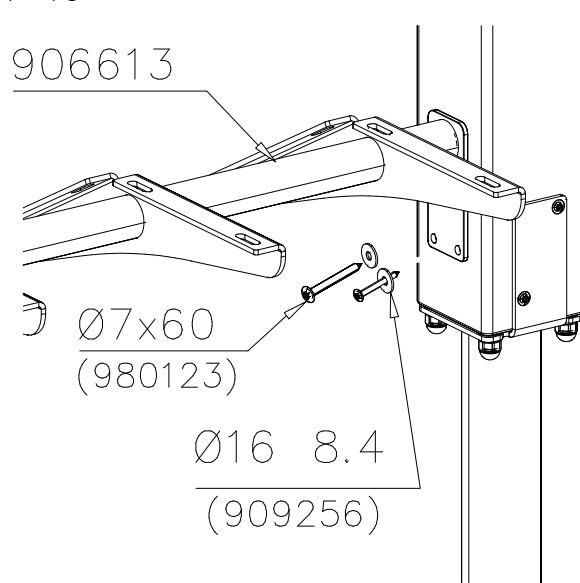
DET 38



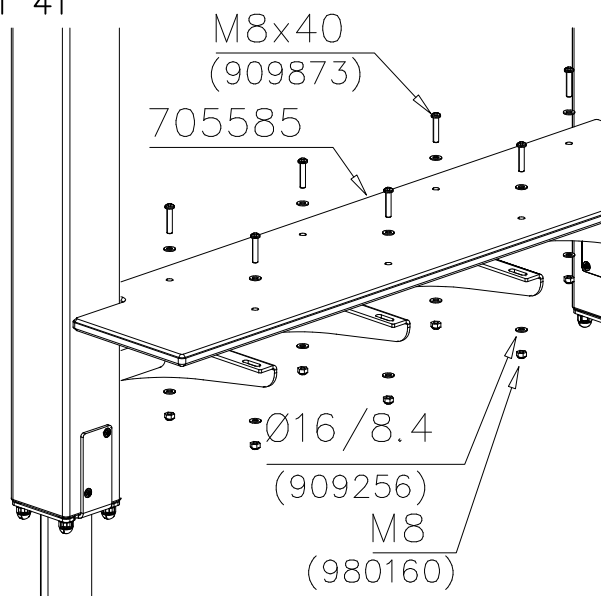
DET 39



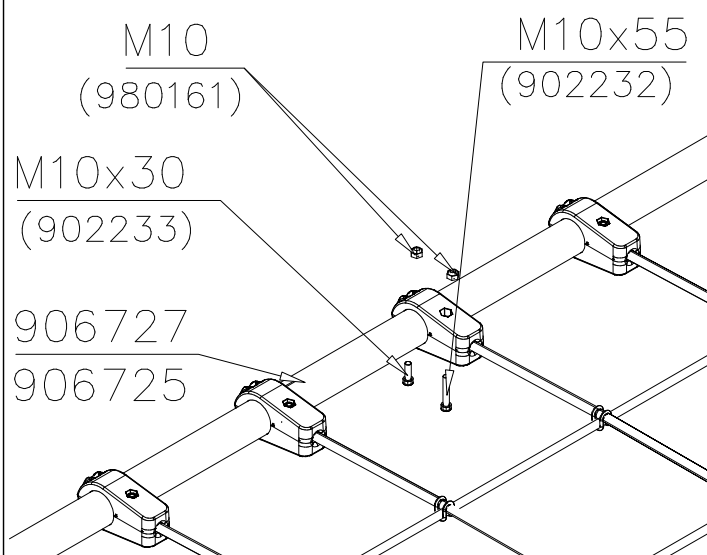
DET 40



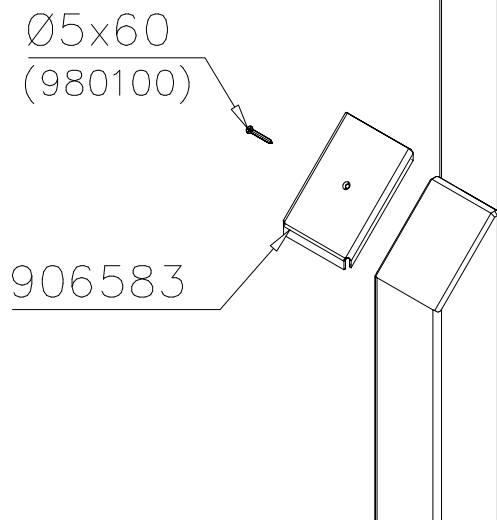
DET 41



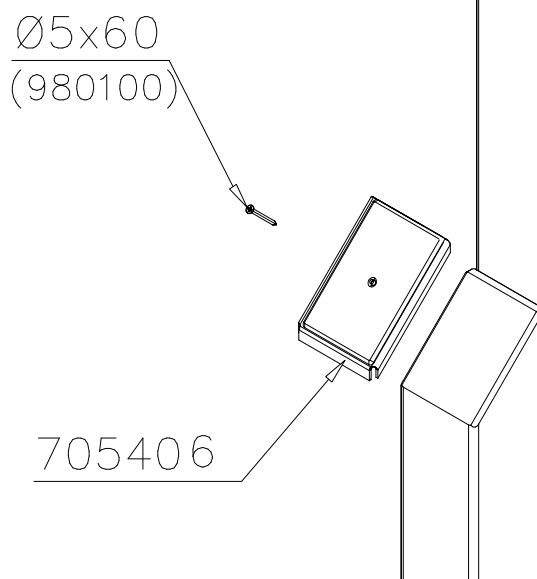
DET 42



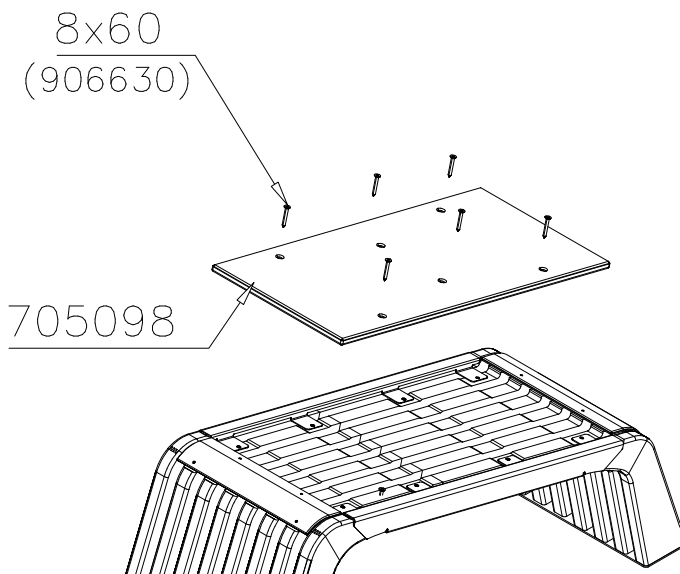
DET 43



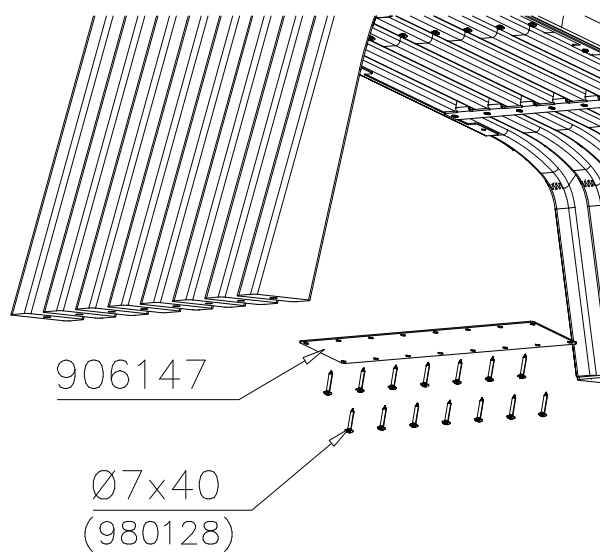
DET 44



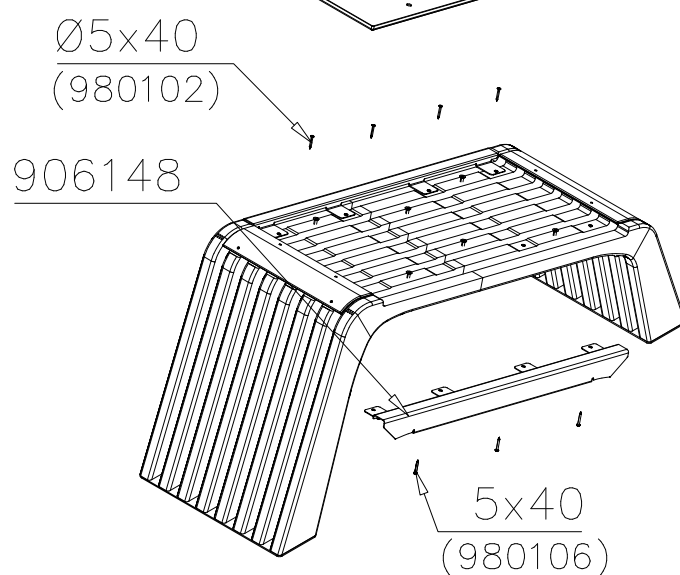
DET 45



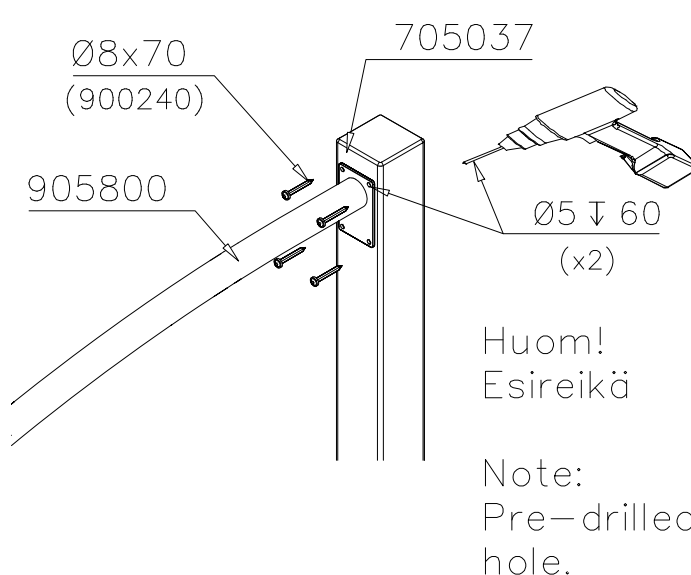
DET 46



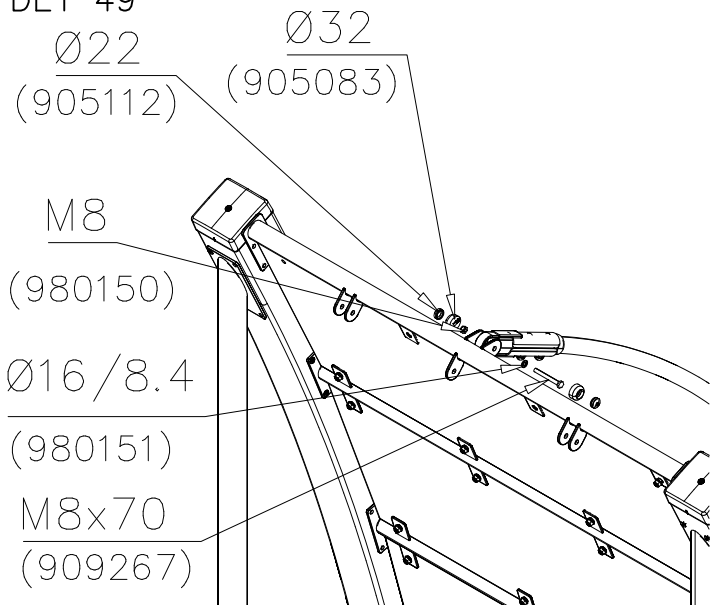
DET 47



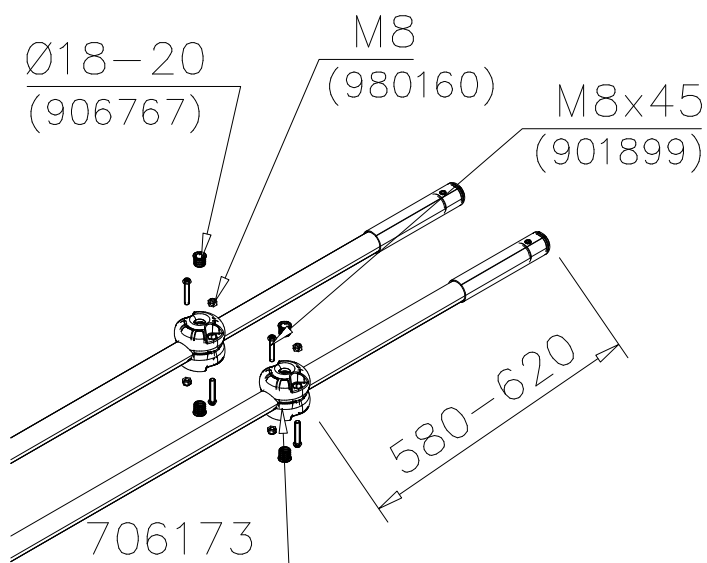
DET 48



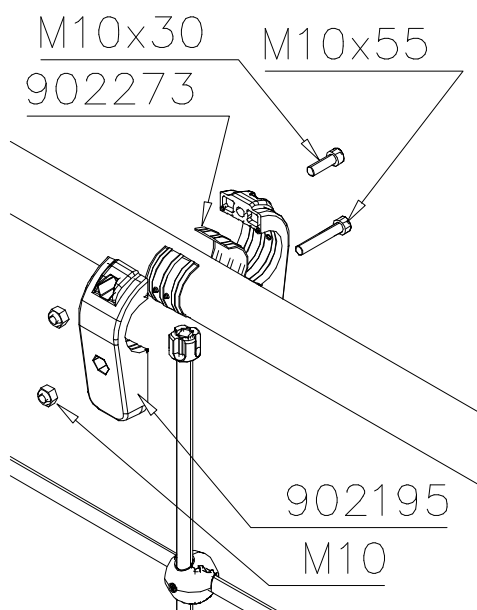
DET 49



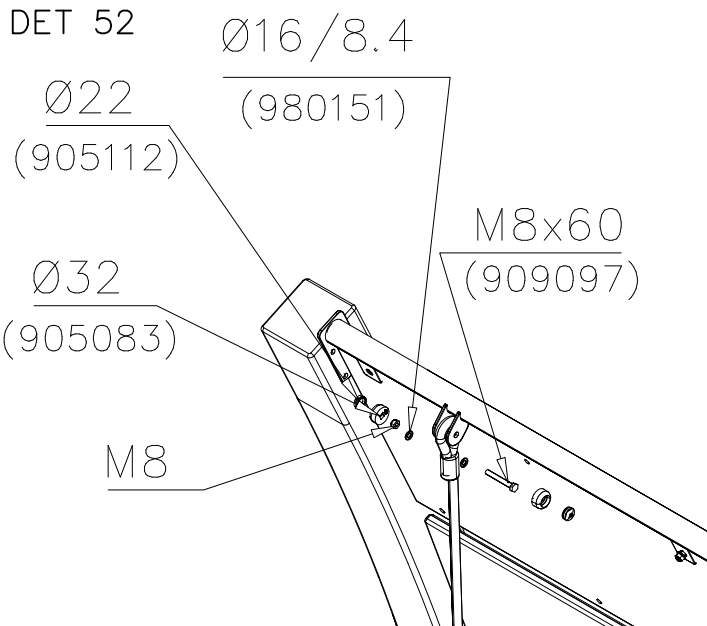
DET 50



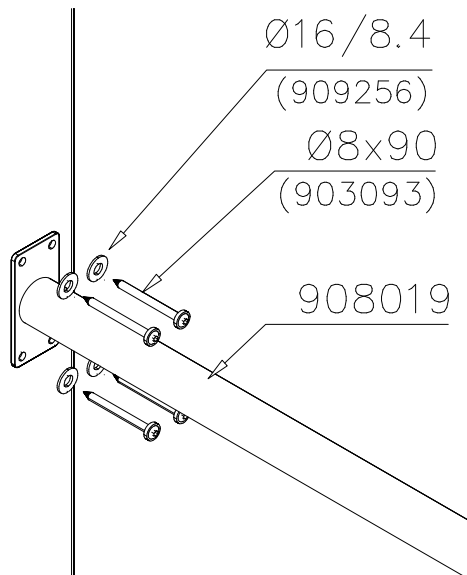
DET 51



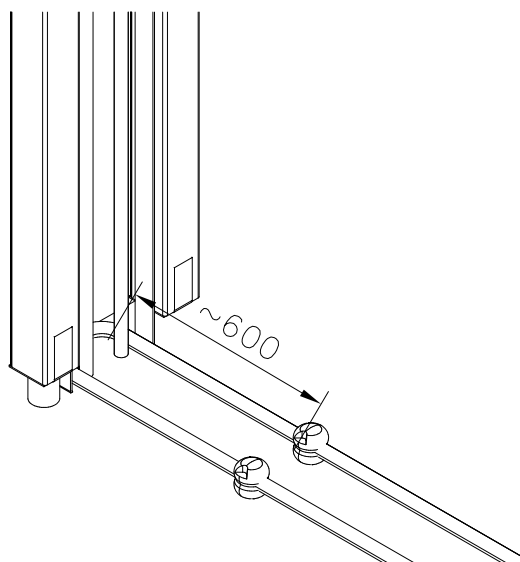
DET 52



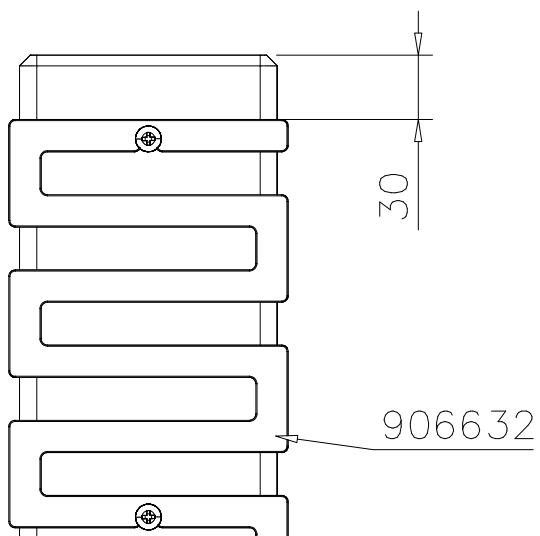
DET 53



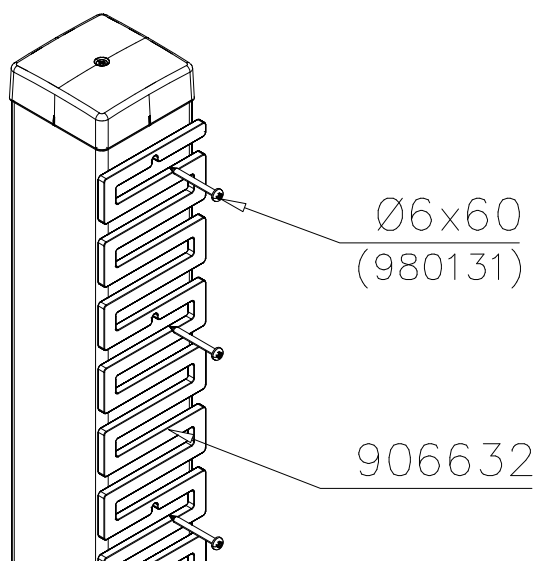
DET 54



DET 55



DET 56



DET 57

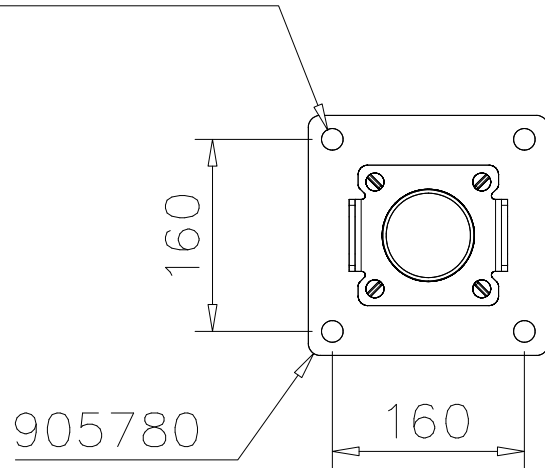
DET 58

DET 59

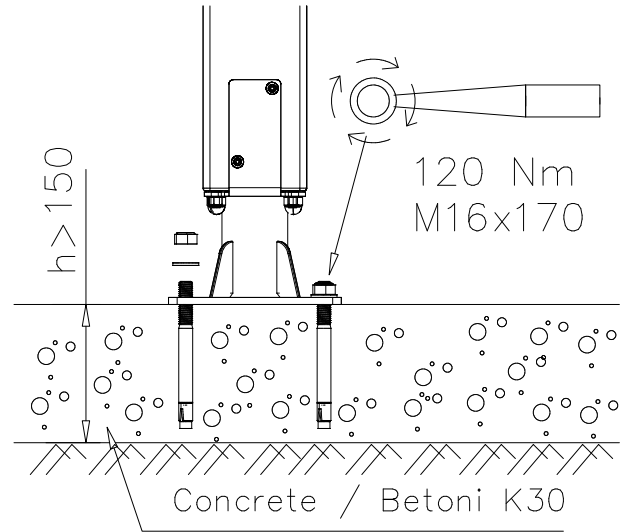
DET 60

DET 1

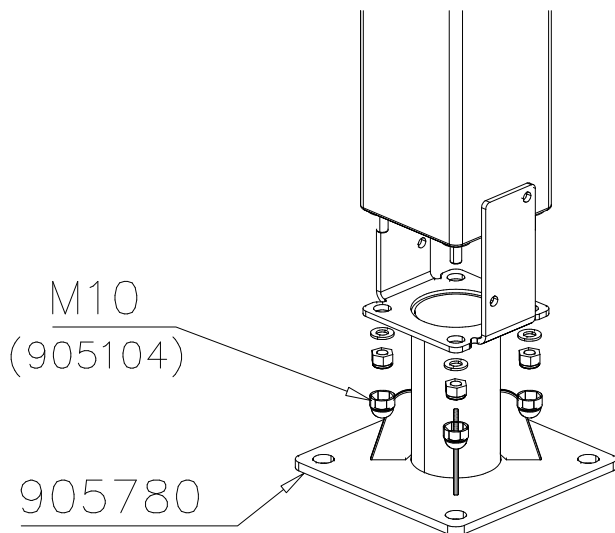
Ø16 ↓ > 130



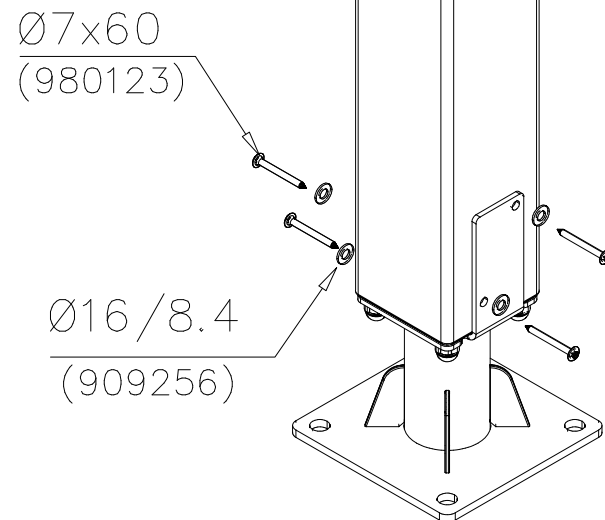
DET 2



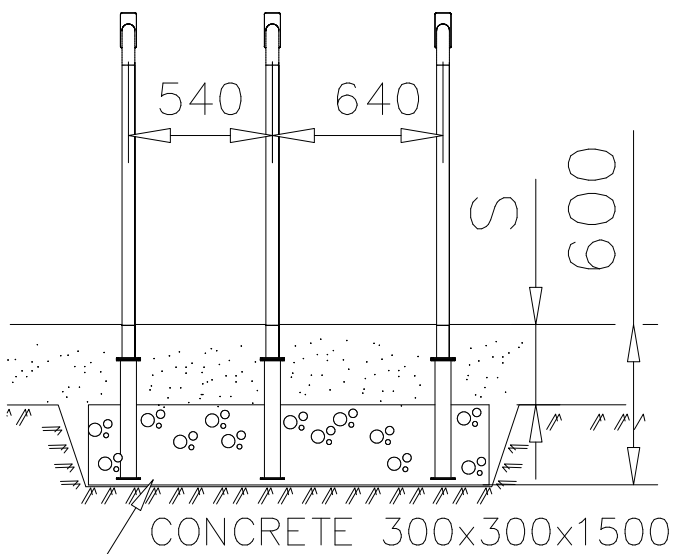
DET 3



DET 4

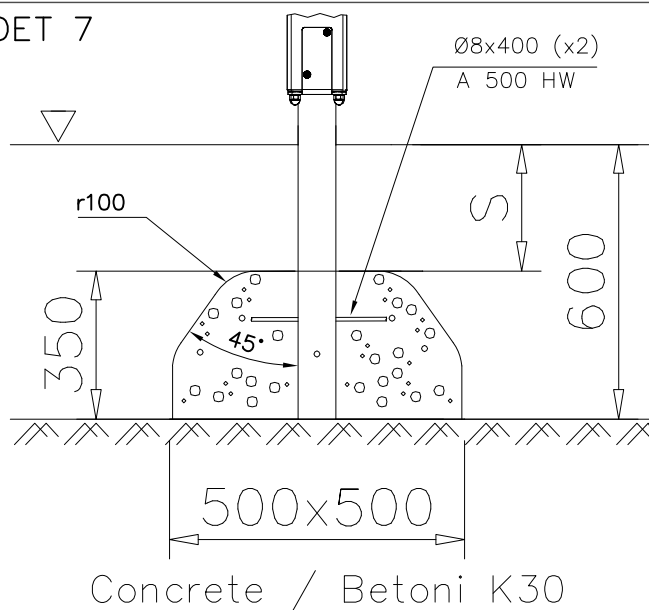


DET 5

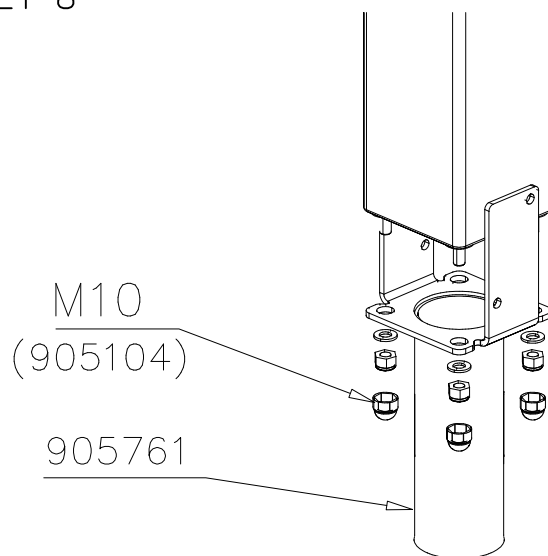


DET 6

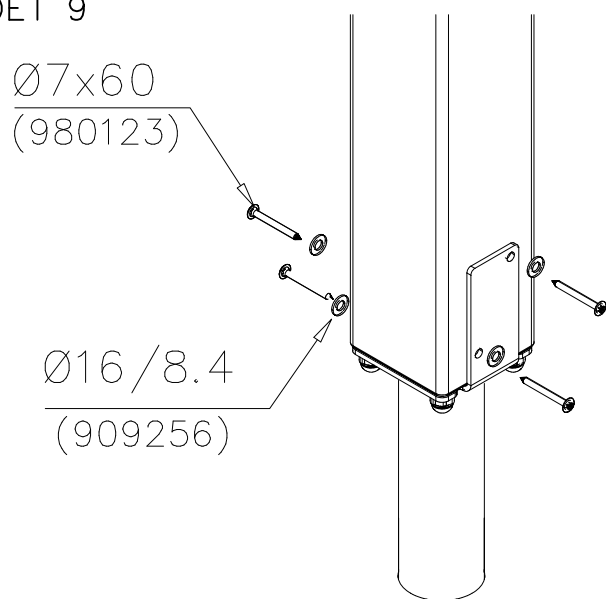
DET 7



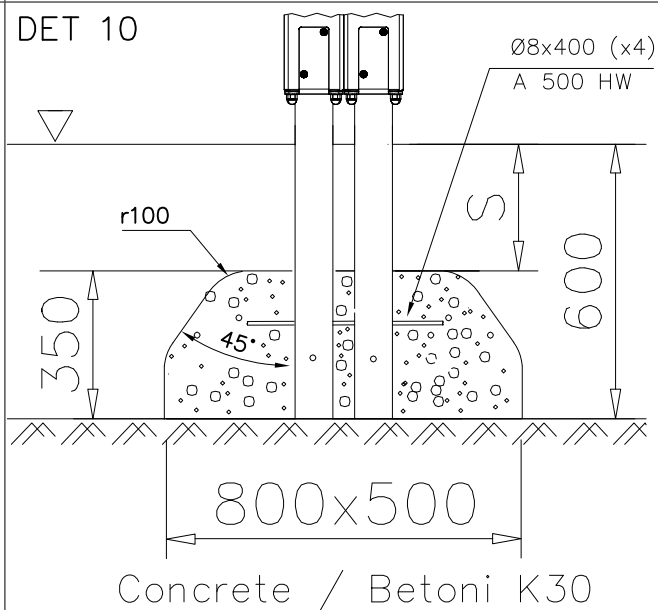
DET 8



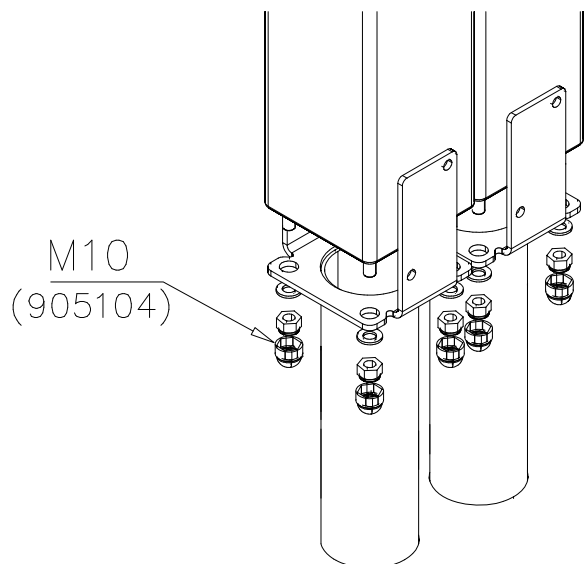
DET 9



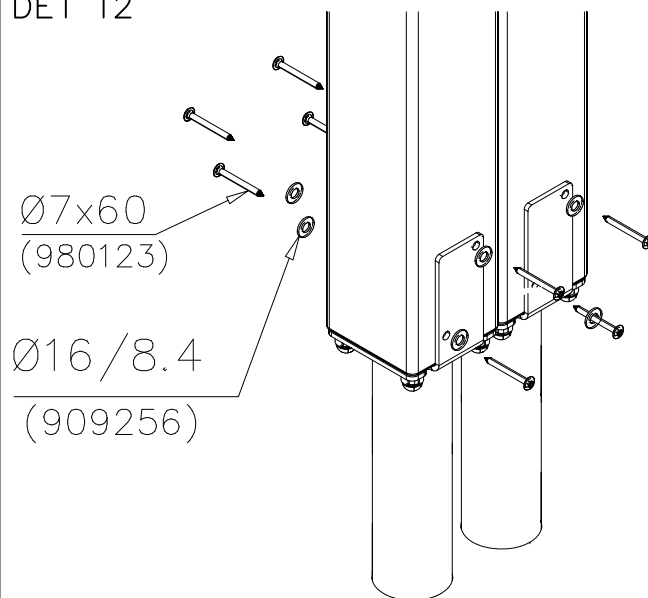
DET 10



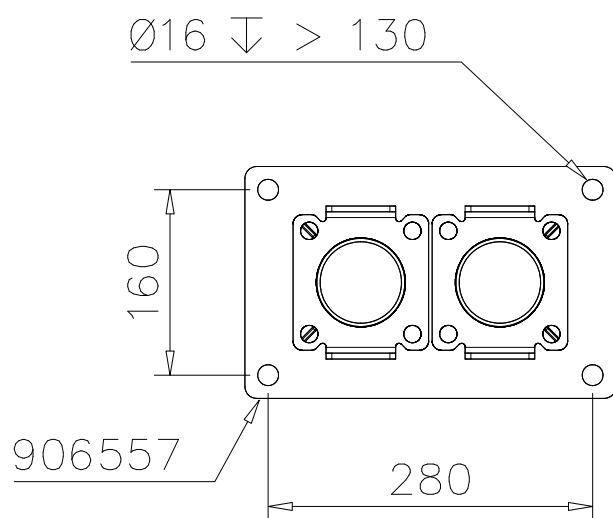
DET 11



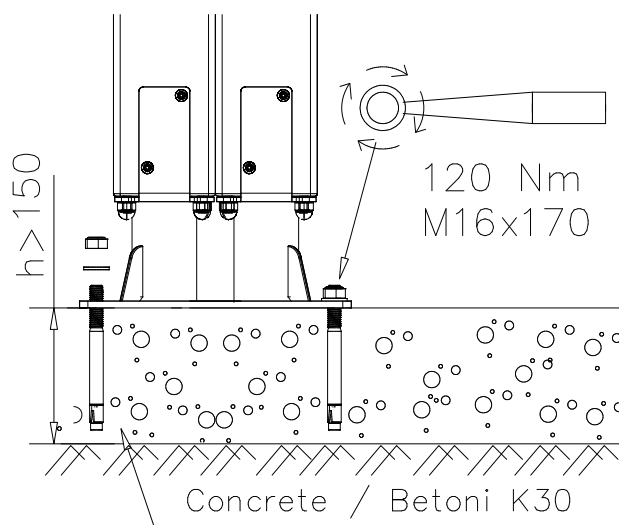
DET 12



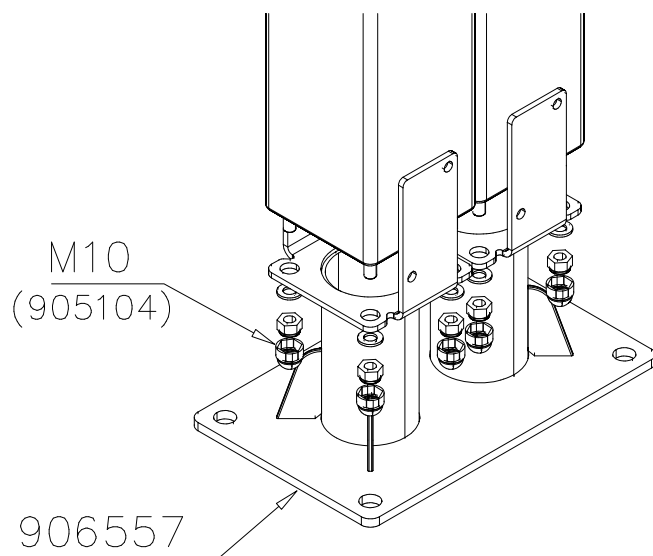
DET 13



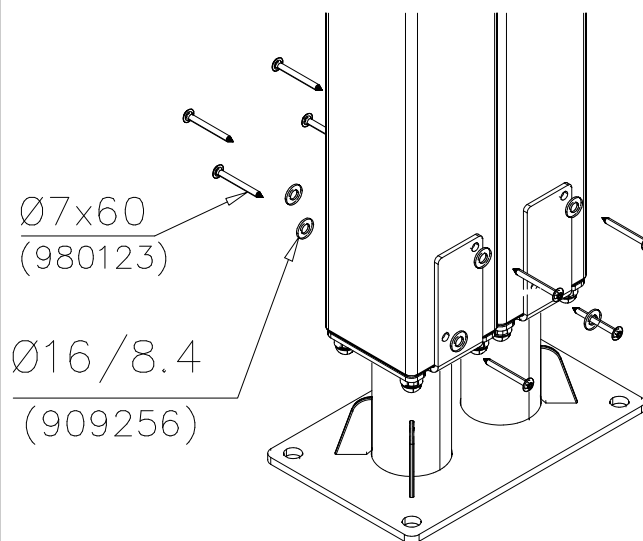
DET 14



DET 15



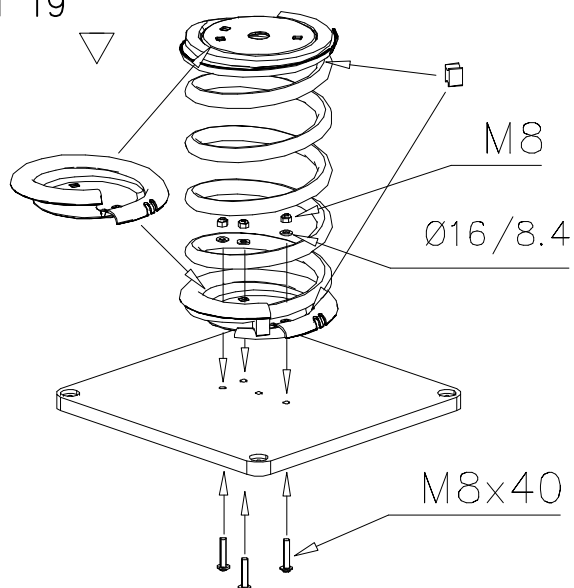
DET 16



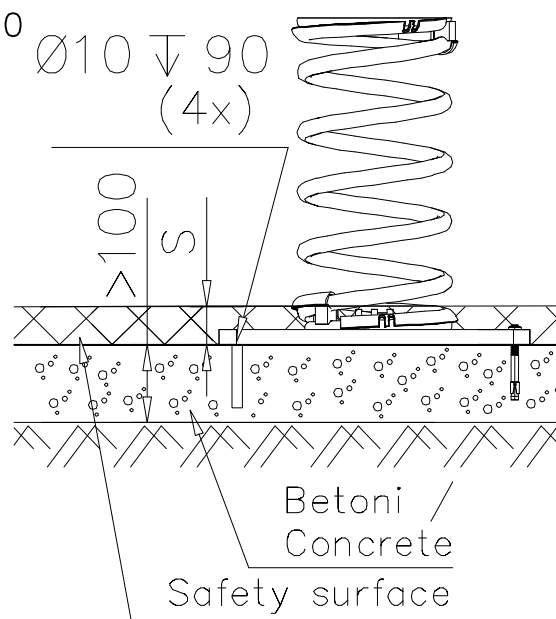
DET 17

DET 18

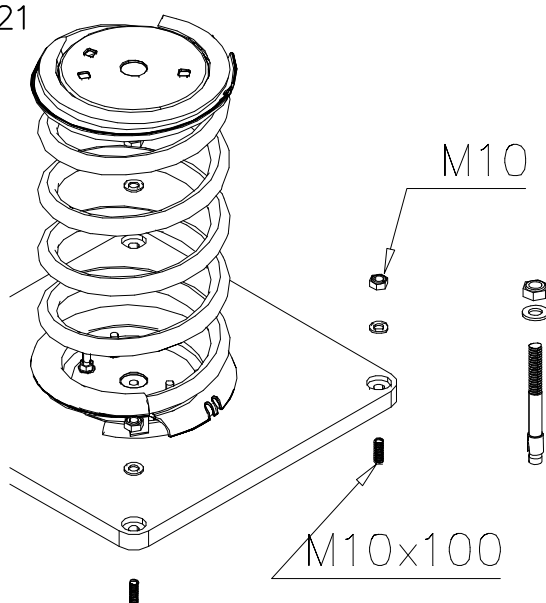
DET 19



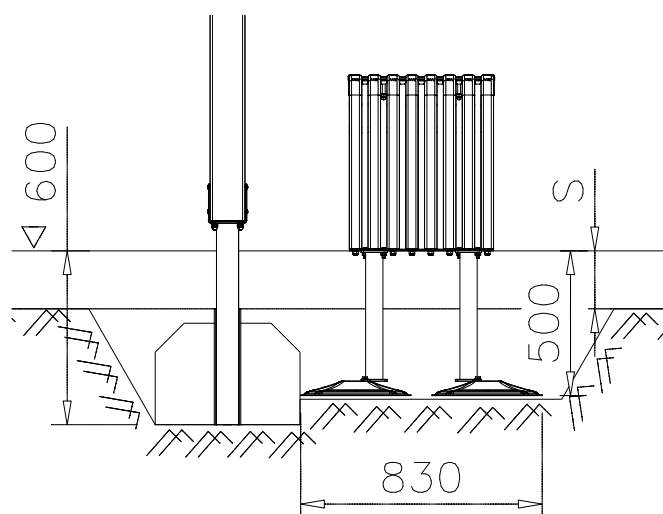
DET 20



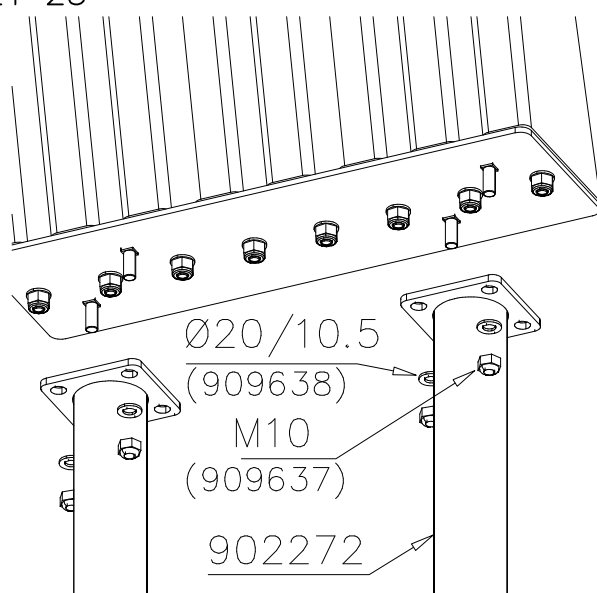
DET 21



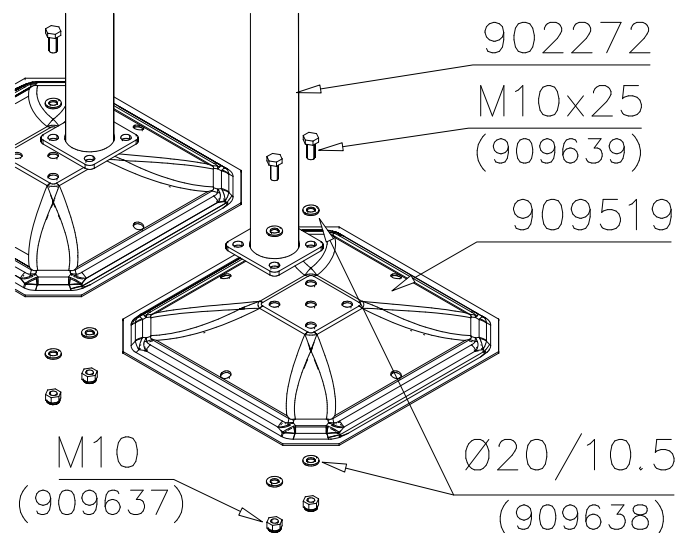
DET 22



DET 23



DET 24



DET 25

705412

905743

M10

DET 26

Esireikä / Pre-drill hole.

Ø10 ↓ 90

35 Nm

M10x100

Betoni / Concrete K30.

Safety surface

>100

DET 27

905743

M10x100
(909628)

DET 28

705096

906140

M10

DET 29

Esireikä / Pre-drill hole.

Ø10 ↓ 90

35 Nm

M10x100

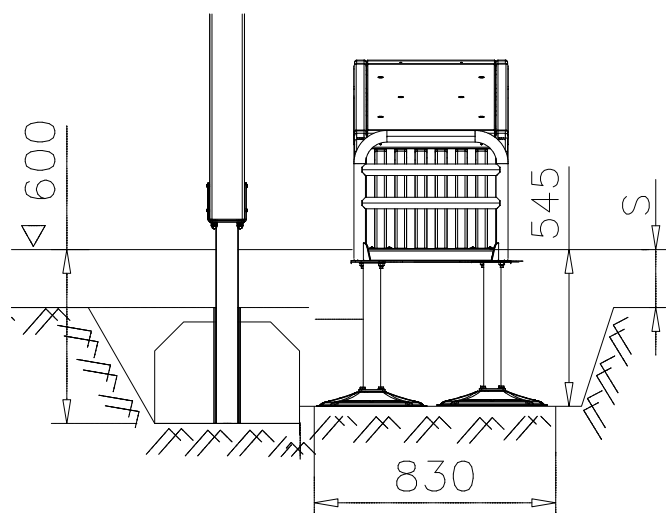
Betoni / Concrete K30.

Safety surface

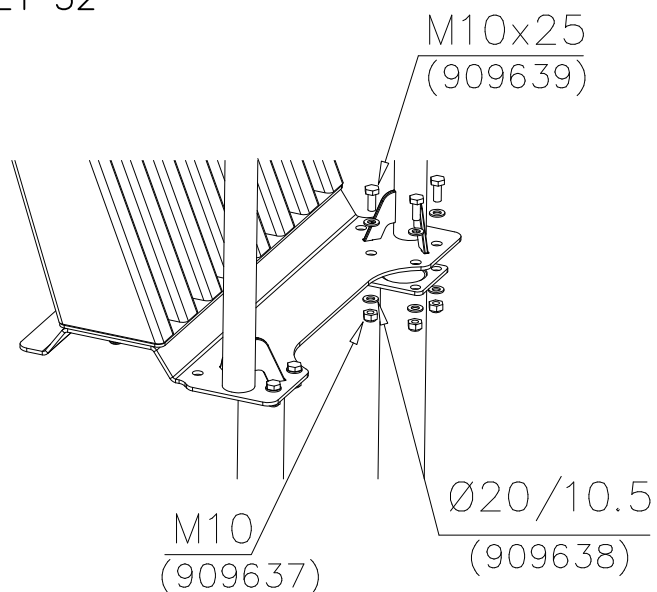
>100

DET 30

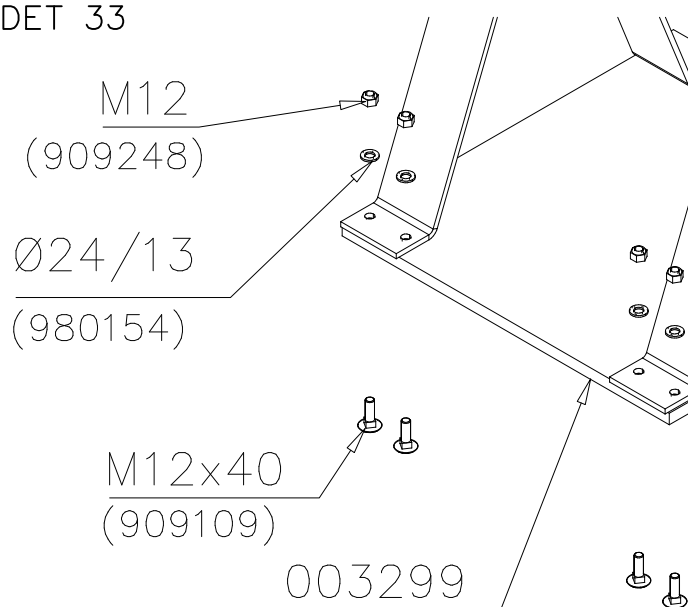
DET 31



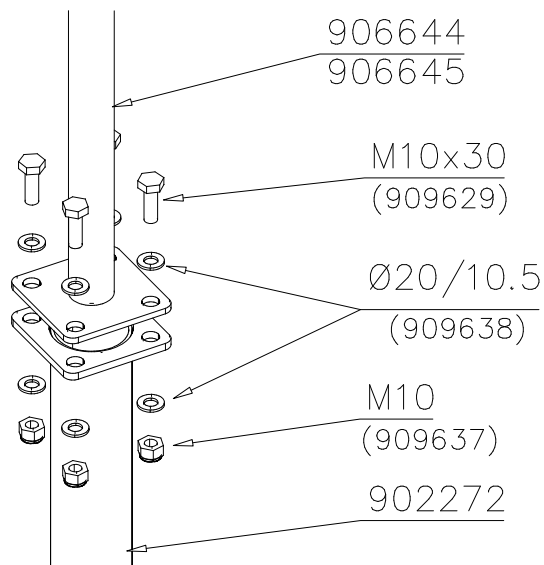
DET 32



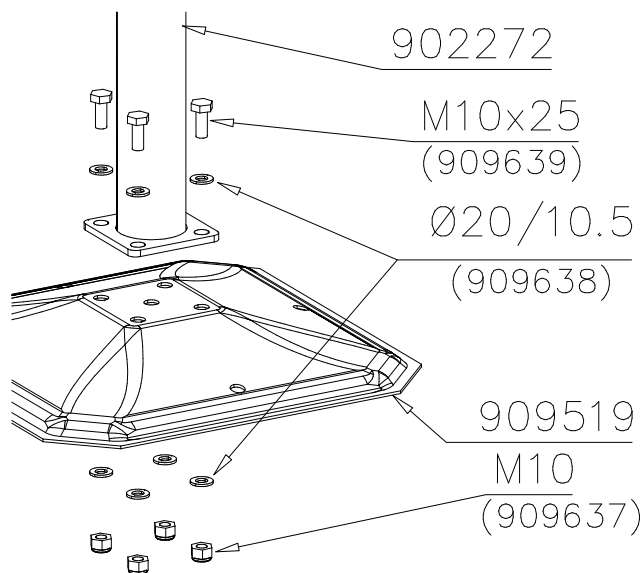
DET 33



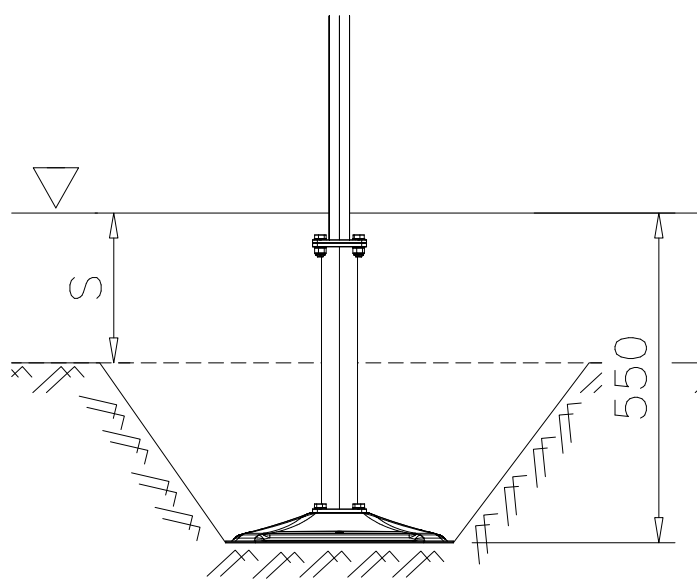
DET 34



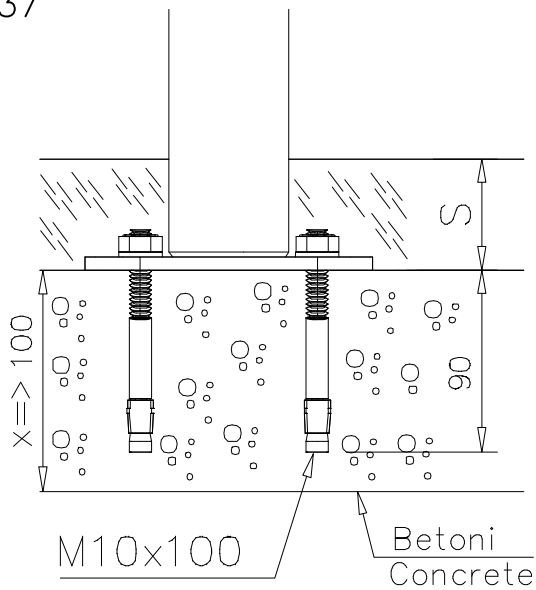
DET 35



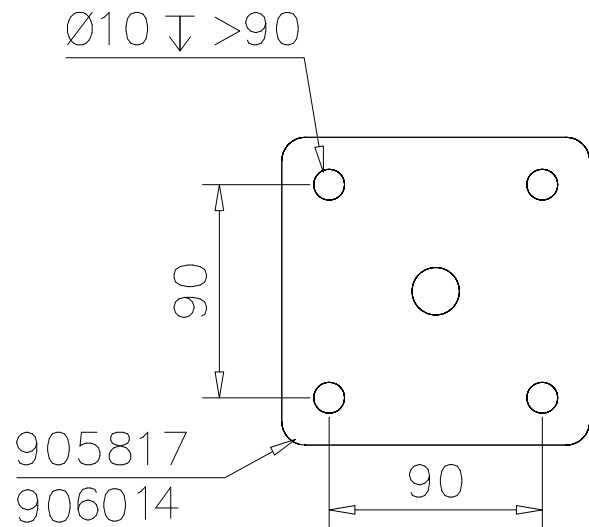
DET 36



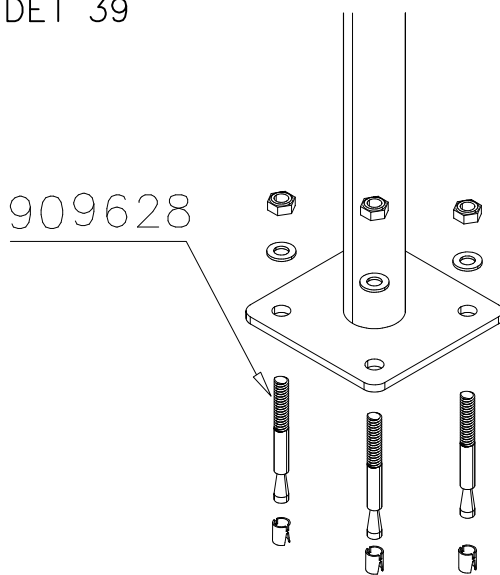
DET 37



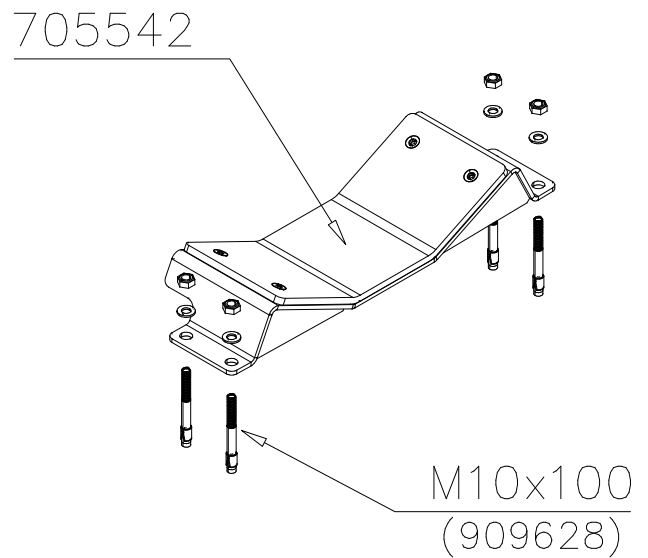
DET 38



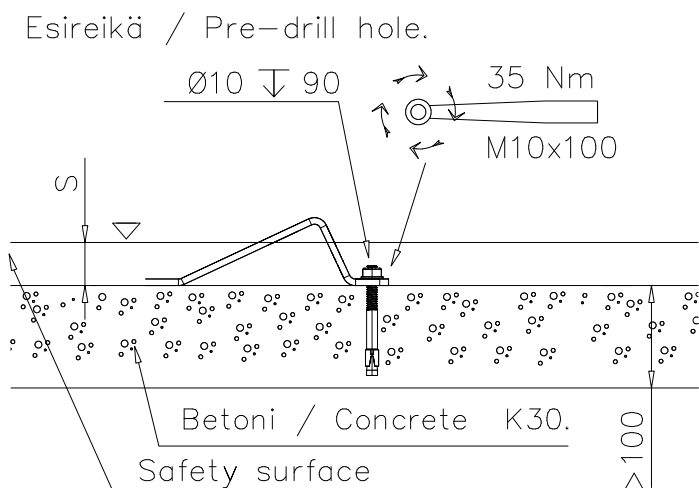
DET 39



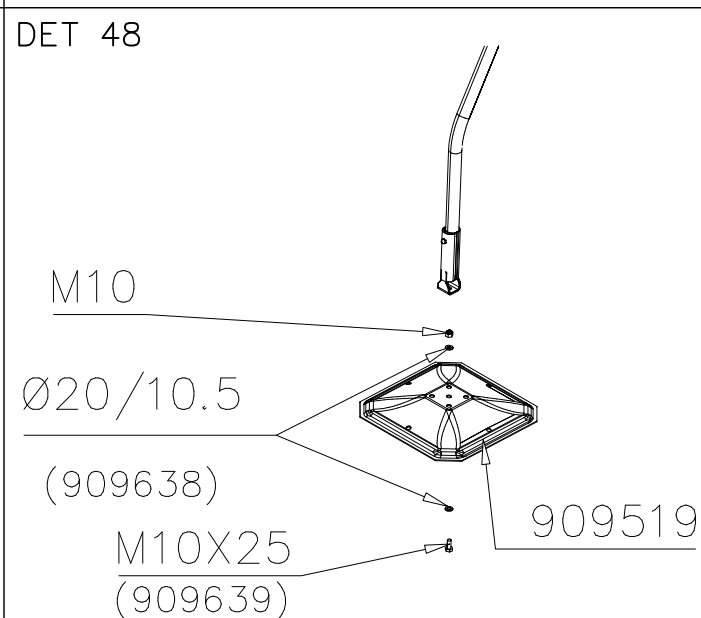
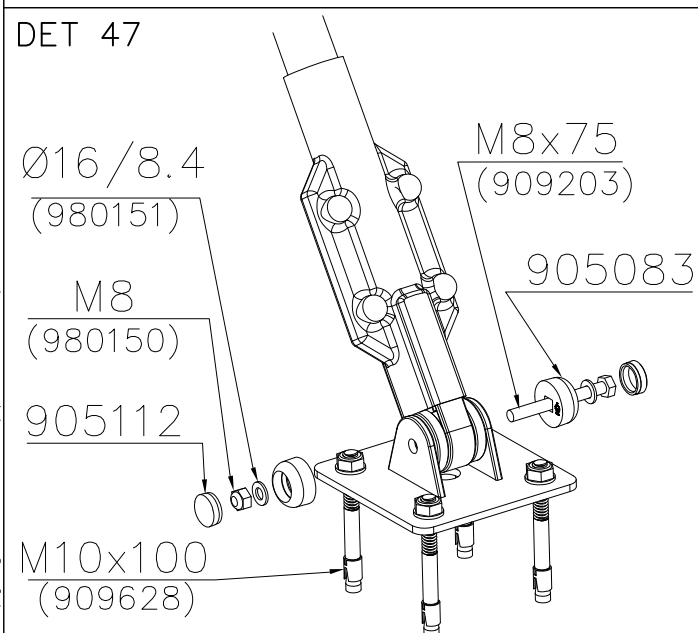
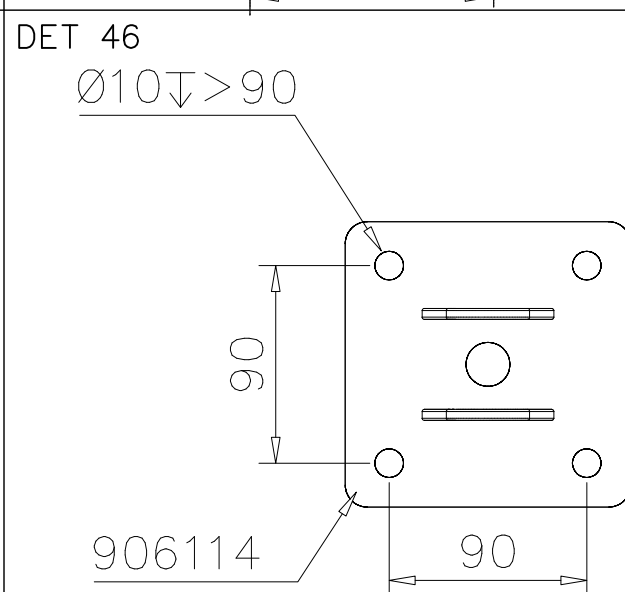
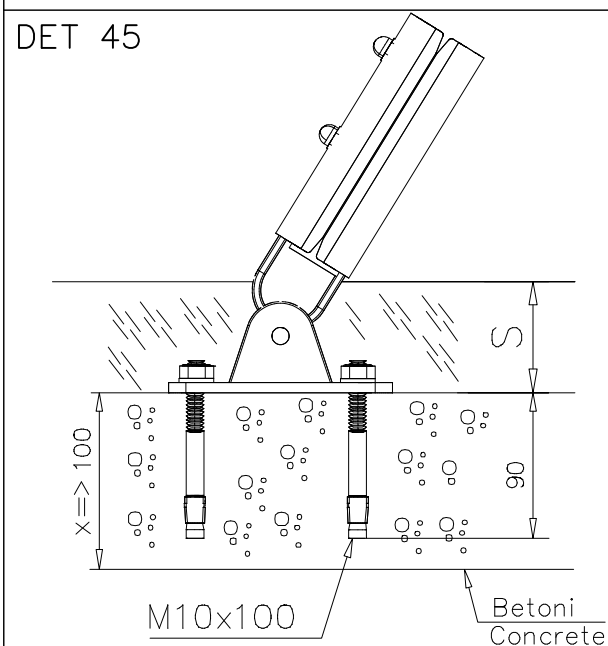
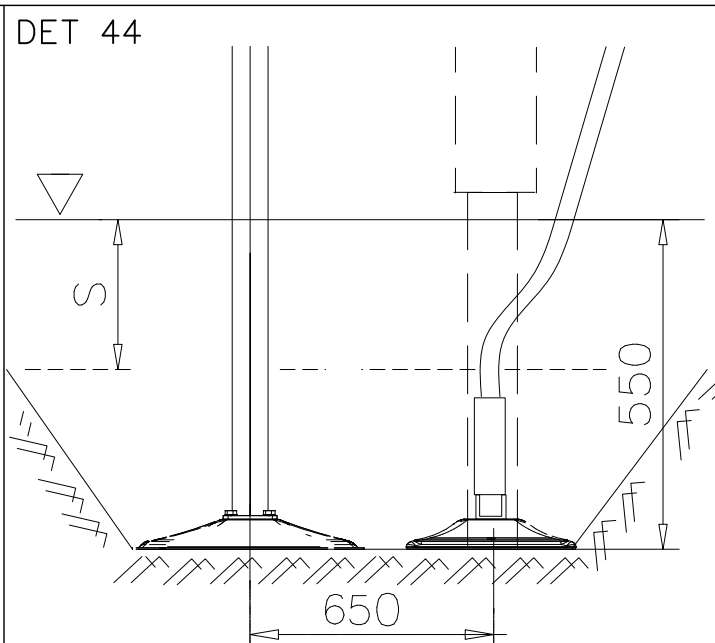
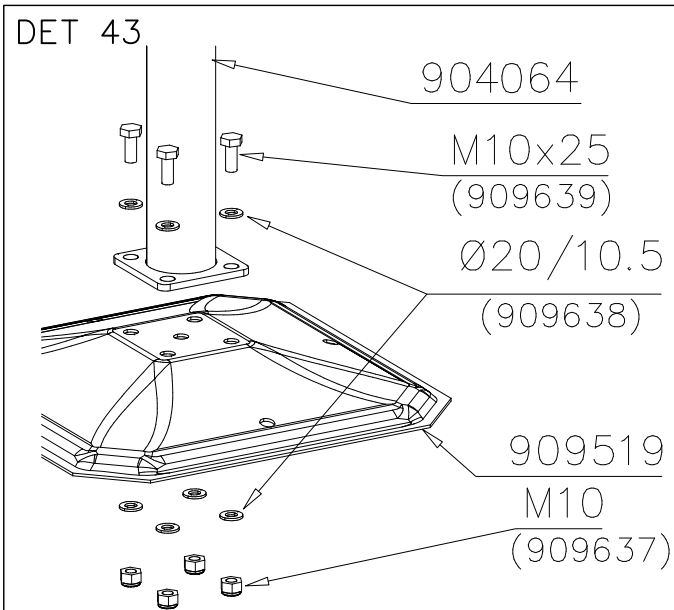
DET 40



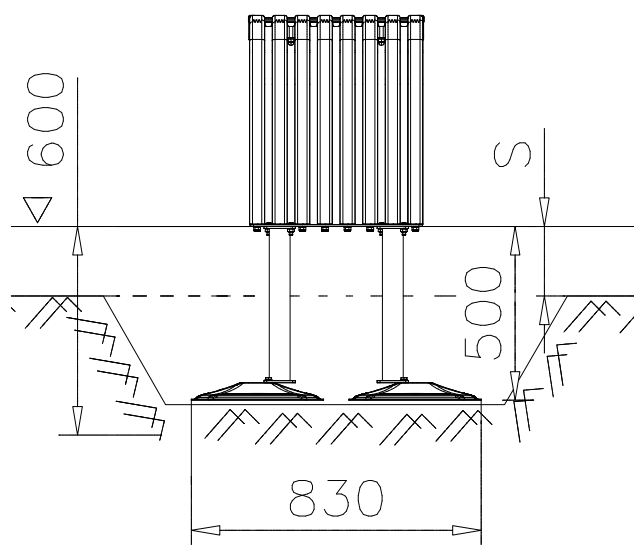
DET 41



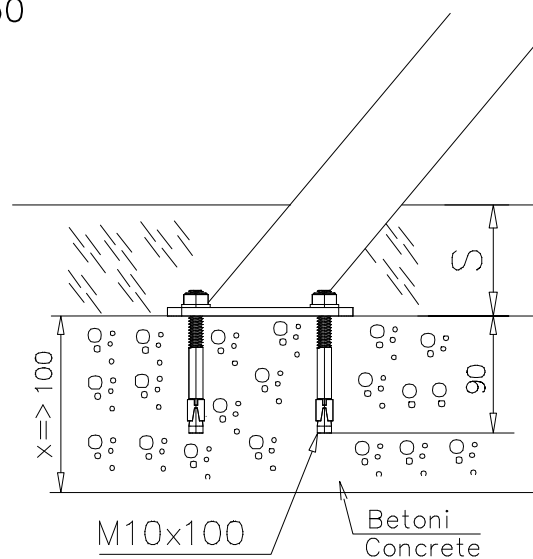
DET 42



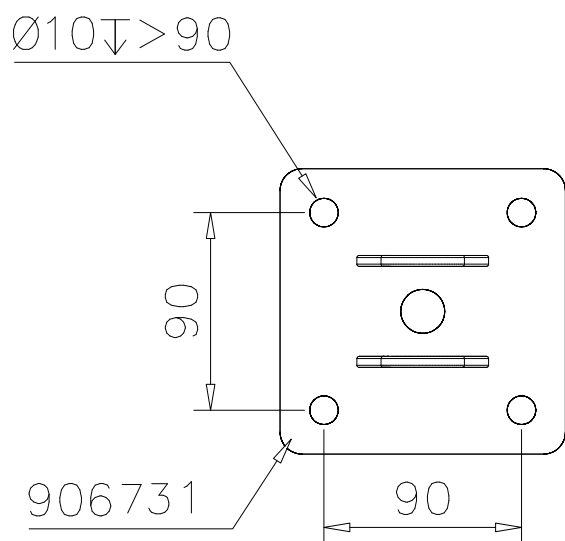
DET 49



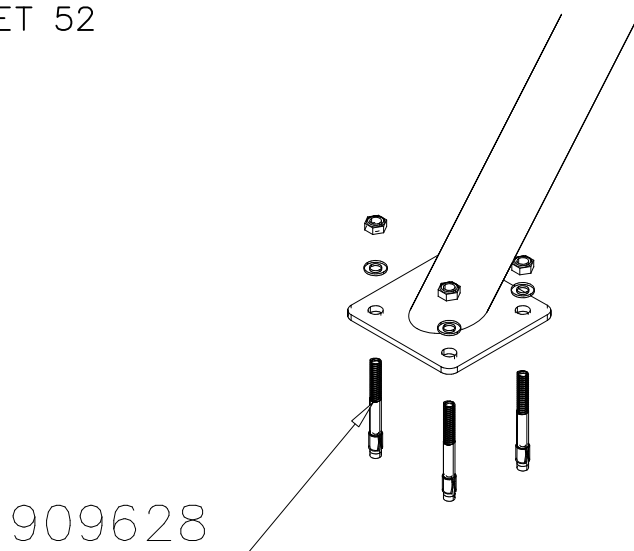
DET 50



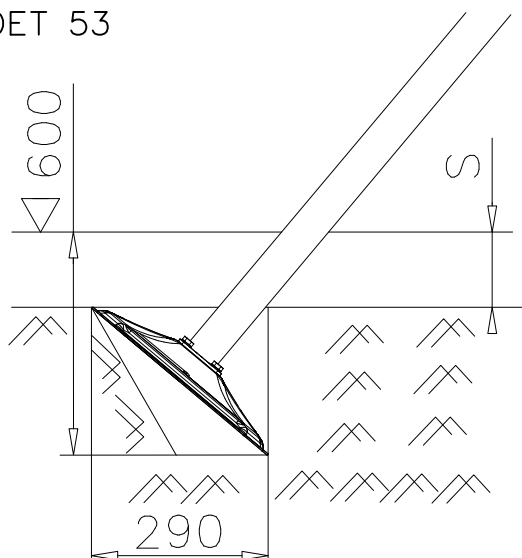
DET 51



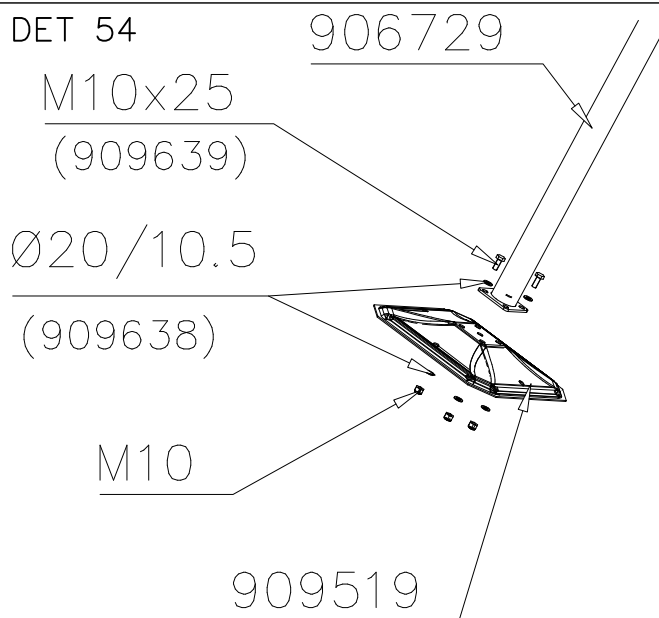
DET 52



DET 53

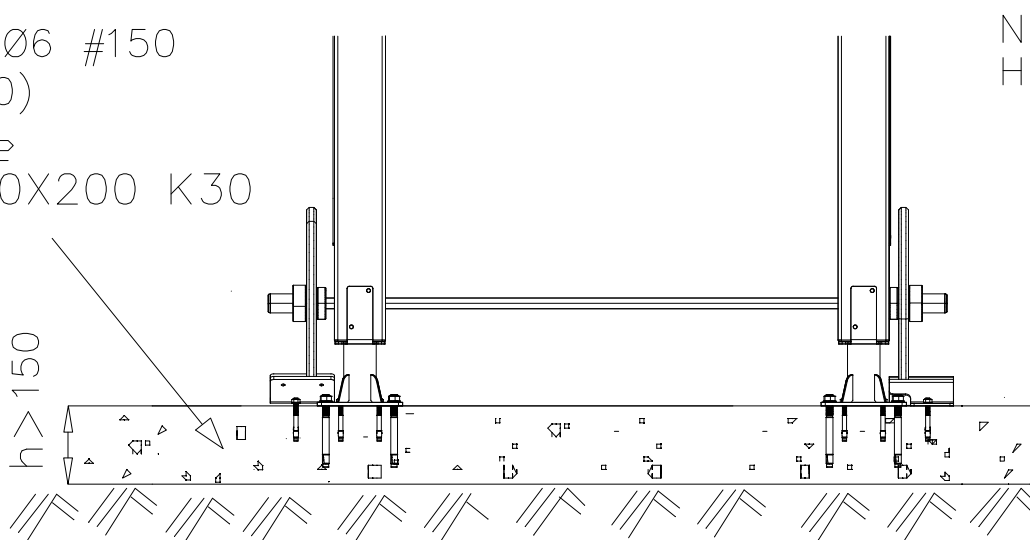


DET 54

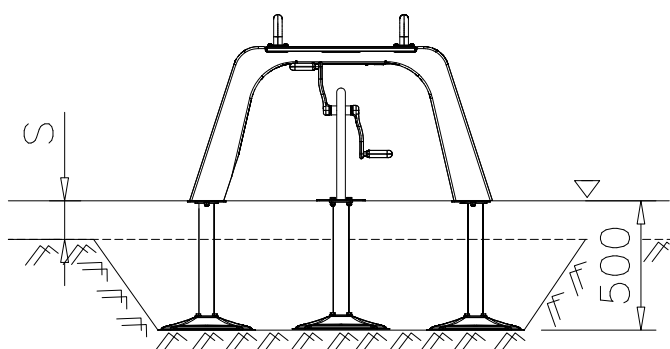


DET 55

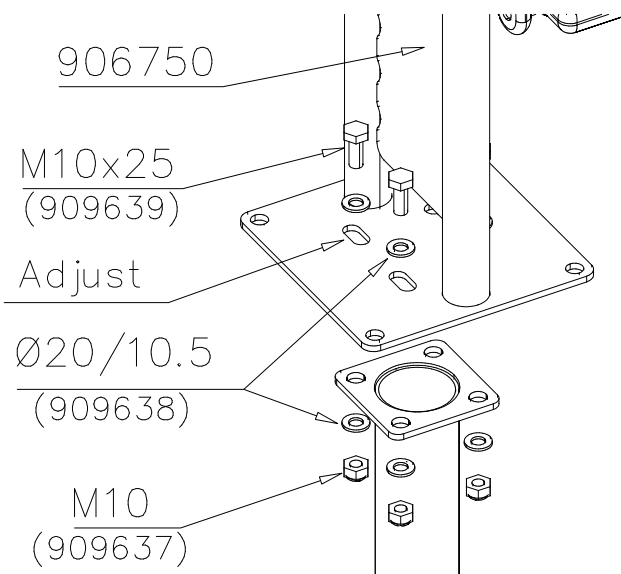
STEELNET Ø6 #150
(1400x2100)
Concrete
1500X2200X200 K30



DET 56



DET 57

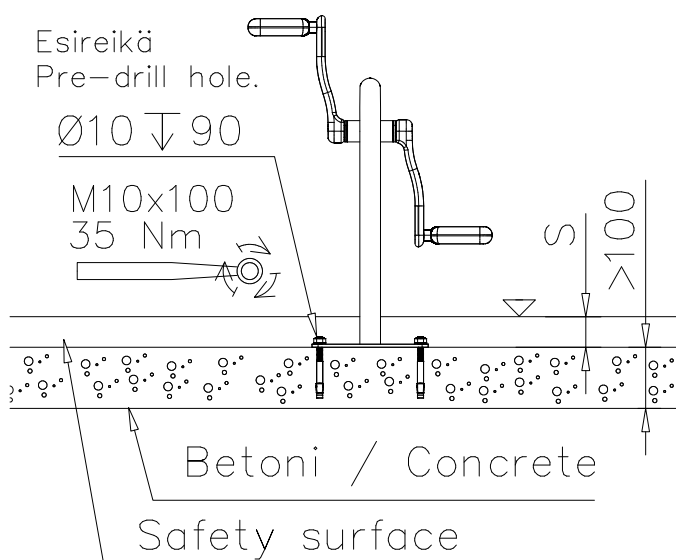


DET 58

Esireikä
Pre-drill hole.

Ø10 ↓ 90

M10x100
35 Nm



DET 59

