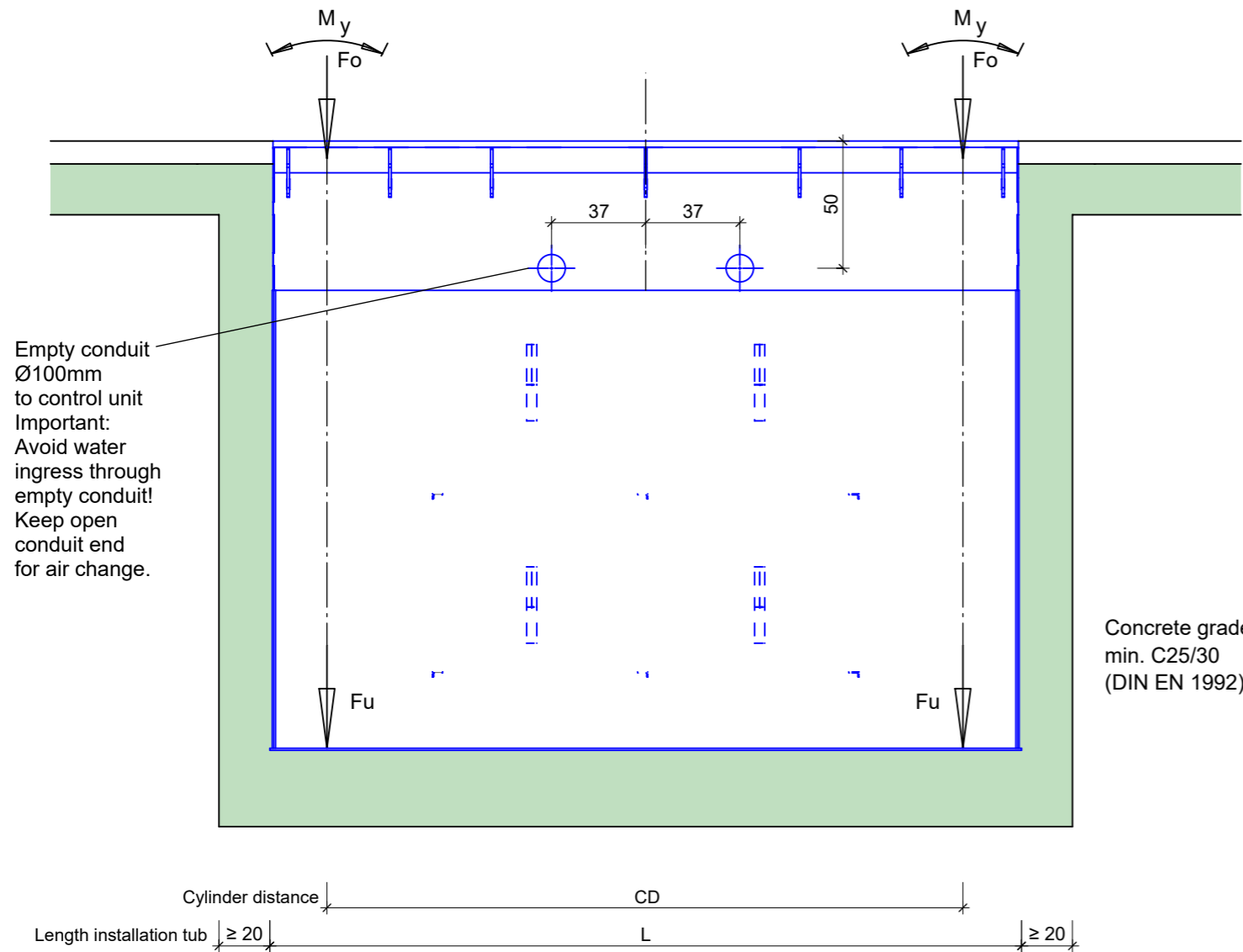
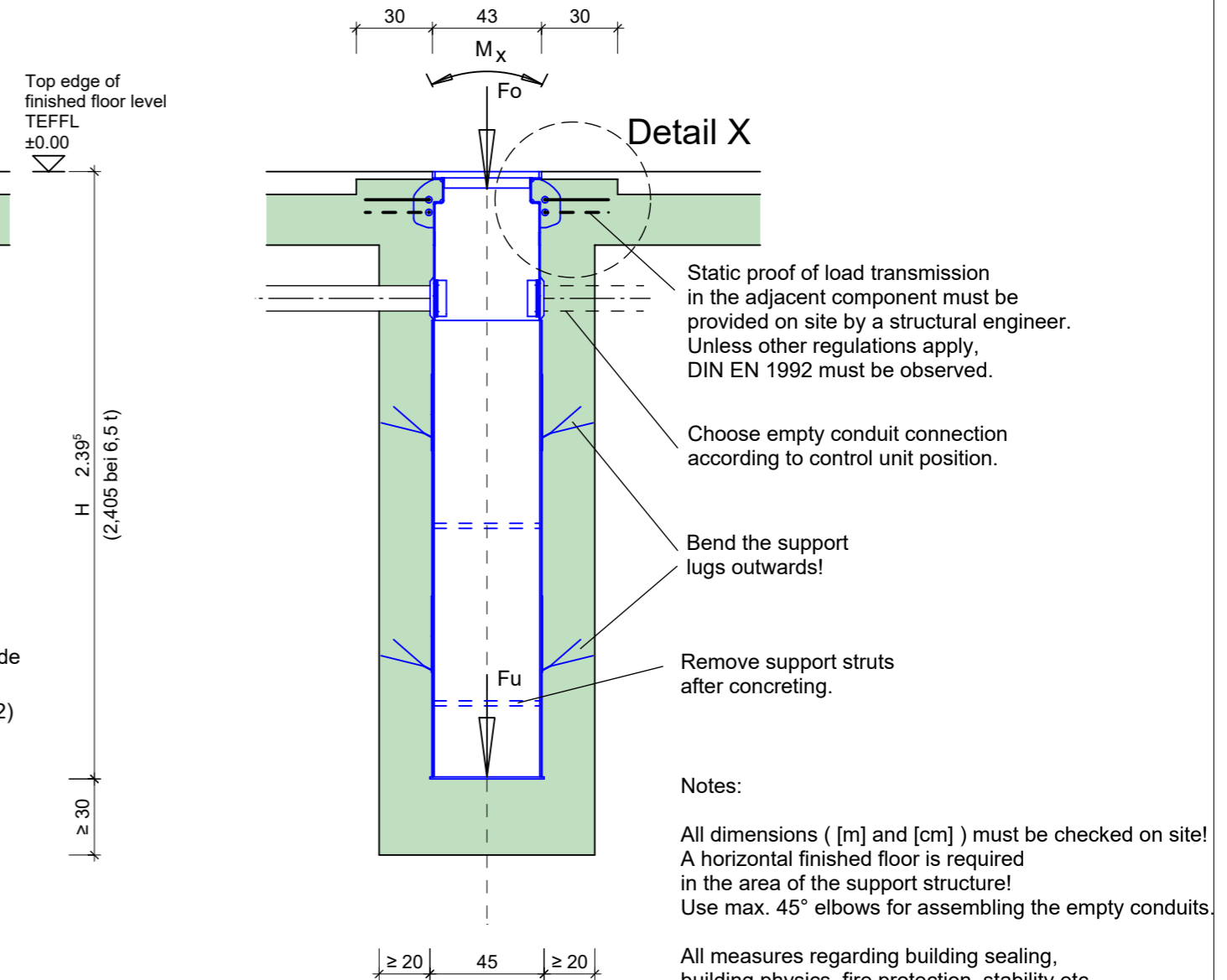


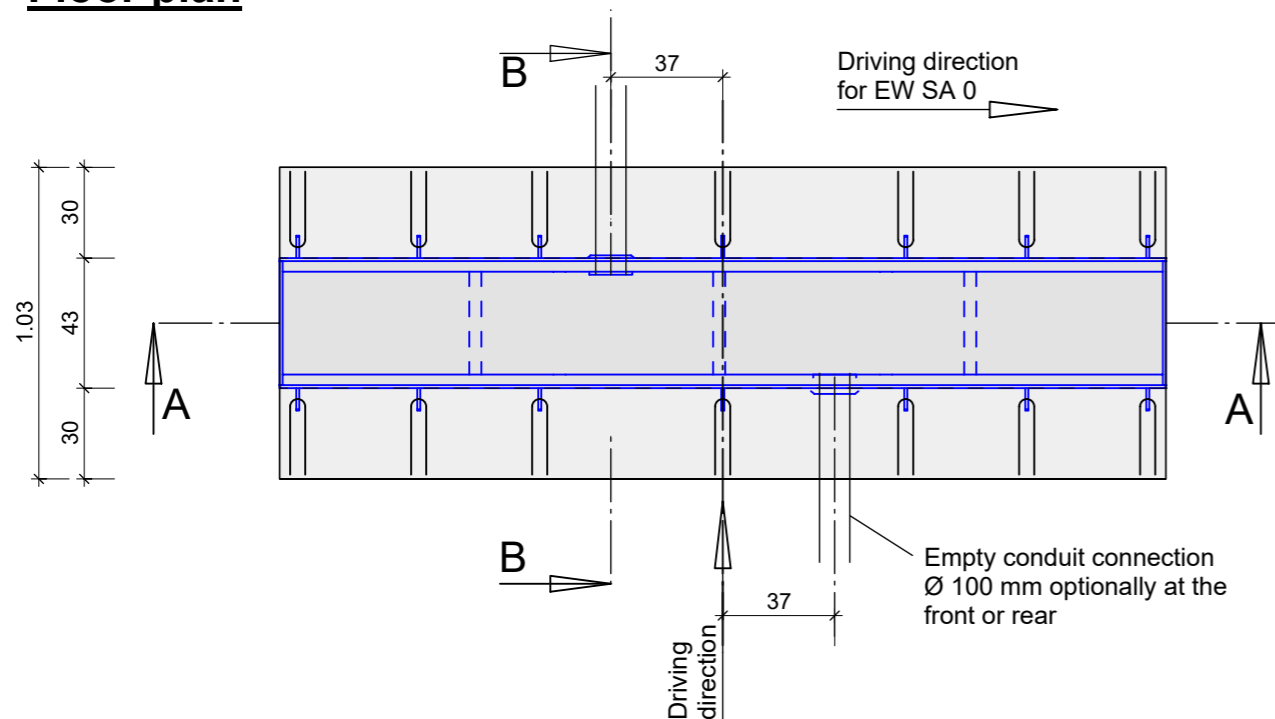
Section A-A



Section B-B



Floor plan



One/Two post in-ground lift,
cylinder distance 0 to 2700 mm
Load capacity up to 6,5 t; support structure resting on floor.

Detail X, installation instructions, loads and connection data see sheet 2
Dimensions of the installation tub see sheet 3

Note protection mark as per DIN ISO 16016!		Language	English	RG	4
Scale	1:25	Date	27.11.2018	Name	kpfltsch
		Drawn	21.10.2019	Check	Seeliger
Designation					
Installation tub In-Ground					
Modifications					
A	17.03.2021	BReh		
Ind.	Mod. No.	Date	Name		
Art. No.:				Drawing No.	Index
				F3300	A
				Sheet	1
				of	3
Creat. from:		Origin	Repl. f.:	Repl. by:	

Installation tub Model	Dimensions		Load capacity	Lifting system	Load				Notes
	L [mm]	CD [mm]			Fo [kN]	Fu [kN]	Mx [kNm]	My [kNm]	
EW SA 0	1170	0	3,0	SQUARE	---	32,1	11,5	0	
				SOLIST	34,4	---	11,5	0	
EW SA 1350	1780	1350	5,5	SQUARE	---	66,1	33,1	4,7	
				DUETT/MAESTRO	62,9	---	33,5	4,3	
EW SA 1580	2010	1350 + 1580	5,0	SQUARE	---	70,1	30,8	7,4	
				DUETT	62,9	---	33,5	4,3	
EW SA 2500	2930	1350 - 2500	5,5	SQUARE	---	59,0	29,5	18,4	
				DUETT	61,1	---	33,4	18,4	
EW SA 2700	3130	2700	6,5	SQUARE	---	75,5	37,2	27,1	
EW SA 2500 down	2930	1350 - 2500	5,5	SQUARE	---	59,0	29,5	18,4	Installation height H = 2,69 m Attention screw joint!
				DUETT	61,1	---	33,4	18,4	

Supply

Load determination according to DIN EN 1493:2010
Load data per cylinder without consideration of safety coefficients (characteristic values)

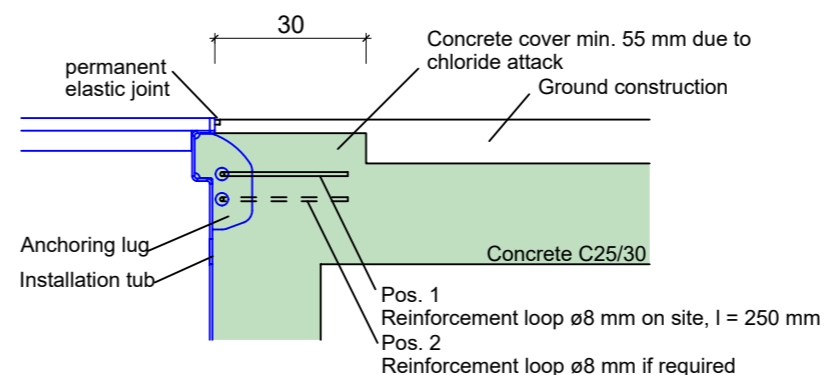
Power: Route supply cable 3 x 400V +N +PE to control unit allowing an excess length of approx. 2 m.
Drive power 3.0 kW, fuse gG 16 A
Automatic circuit breakers of the K series are recommended.

Compressed air: For versions with axle lift and axle play tester, route compressed-air line (DN8, 350 l/min with 9 bar constant) to control unit allowing an excess length of approx. 2 m!
Maintenance unit design as required on site.

- Installation instructions:**
- Check installation tub for completeness and visible damage. Bend the support lugs outwards. The support struts inside the installation tub must be aligned horizontally and at a right angle!
 - Using a setting aid, position the installation tub in the excavation pit or on the concreted pit floor. Exactly align the installation tub, secure against displacement and floating up. Top edge of installation tub (stainless steel rail) must be aligned in an exactly horizontal position and 1-3 mm above TE FFL.
 - Complete the pit walls in at least two concreting sections. Important for SQUARE: The concrete surface beneath the tub floor must be free of cavities, as the load Fu presses against the tub floor!
 - Install an empty conduit for media supply according to site management instructions.
 - Install starter bars according to Detail X or instructions by local structural engineer.
 - Until lift unit is installed, protect the installation tub according to the accident prevention regulations (risk of falling), against adverse weather conditions and ingress of water.
Instructions for installation personnel:

Detail X

Applies to standard installation tubs up to 6,5 t



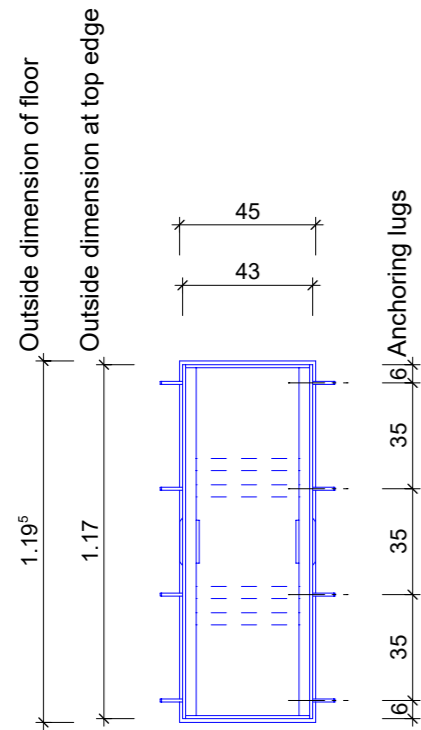
Please note:

The installation tub must be fully encased in concrete. Separating layers (styrofoam, cardboard, etc.) between steel tub and concrete are not permitted! Hang up the reinforcement loops (Pos. 1) in the anchoring lugs. Use of alternative starter bars must be checked with local structural engineer. (Tensile load of 10 kN must be considered.) Concrete grade min. C25/30 (DIN EN 1992) Use appropriate material for permanent elastic joints.

Note protection mark as per DIN ISO 16016!		Language	English	RG	4	
Scale	1:15	Date	27.11.2018	Name	kpfljetsc	
		Check	21.10.2019	Name	Seeliger	
Designation						
Installation tub In-Ground						
Detail, Installation instructions, Data						
Drawing No.					Index	Sheet
F3300					A	2
						of
						3
Original drawing size: A3		Creat. from:		Origin		
		Repl. f.:		Repl. by:		

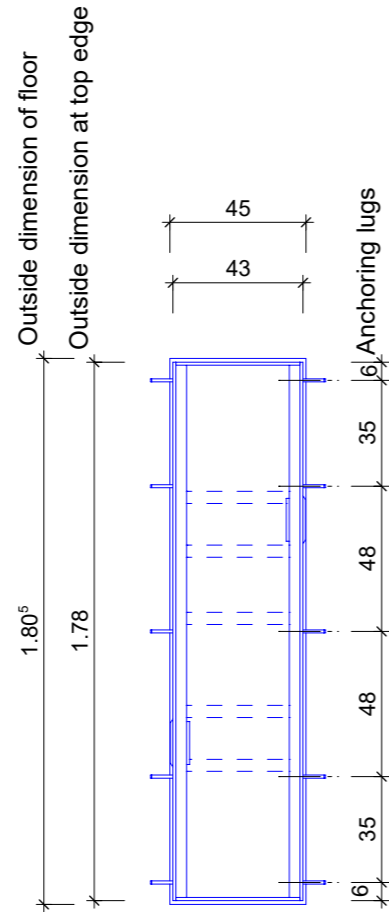


Installation tub dimensions

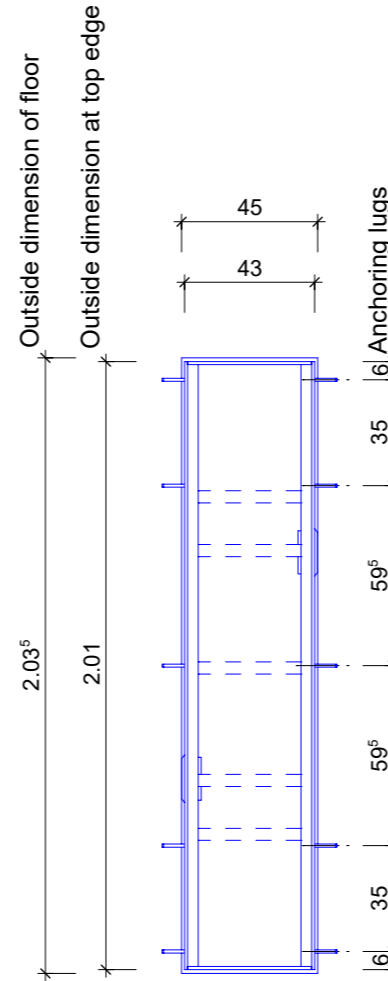


IT CD 0

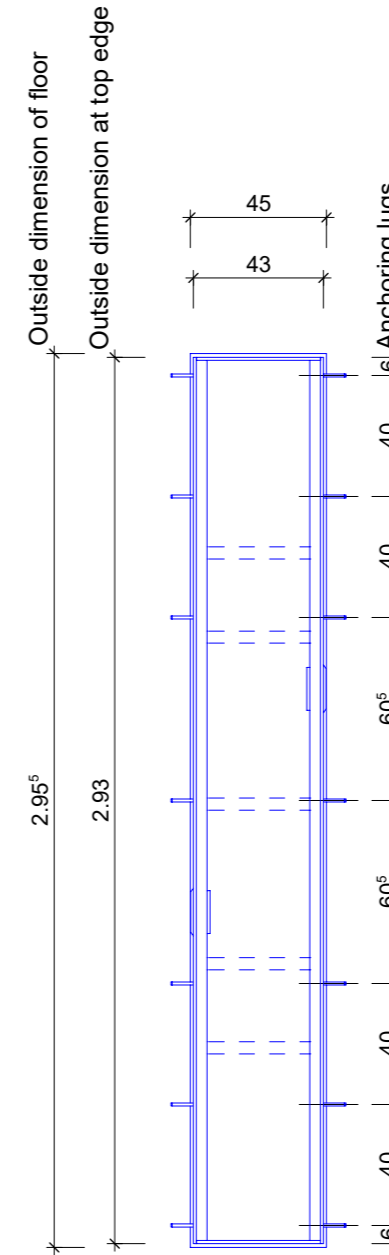
Achtung!
Fahrtrichtung beachten



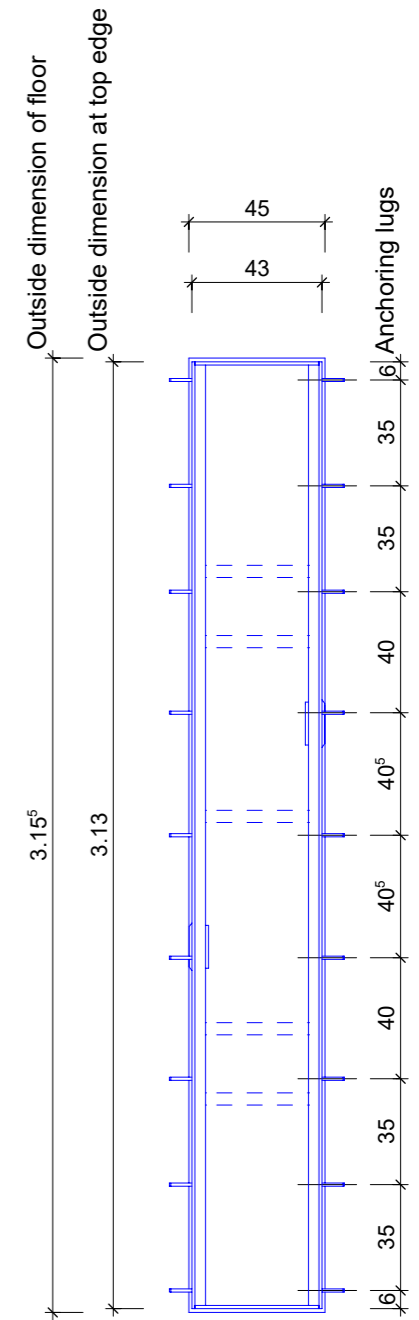
IT CD 1350



IT CD 1580



IT CD 2500



IT CD 2700

One/Two post in-ground lift,
cylinder distance 0 to 2700 mm
Load capacity up to 6,5 t; support structure resting on floor.

Detail X, installation instructions, loads and connection data see sheet 2

Note protection mark as per DIN ISO 16016!		Language	English	RG	4
Scale	1:25	Date	27.11.2018	Name	kpfltsch
		Check	21.10.2019	Name	Seeliger
Modifications		Designation			
A	17.03.2021	BReh	Installation tub In-Ground	
Ind.	Mod. No.	Date	Name		
Art. No.:		MAHAGROUP		Installation tub dimensions IT	
Drawing No.				Index	Sheet
F3300				A	3
Repl. f.:				Repl. by:	