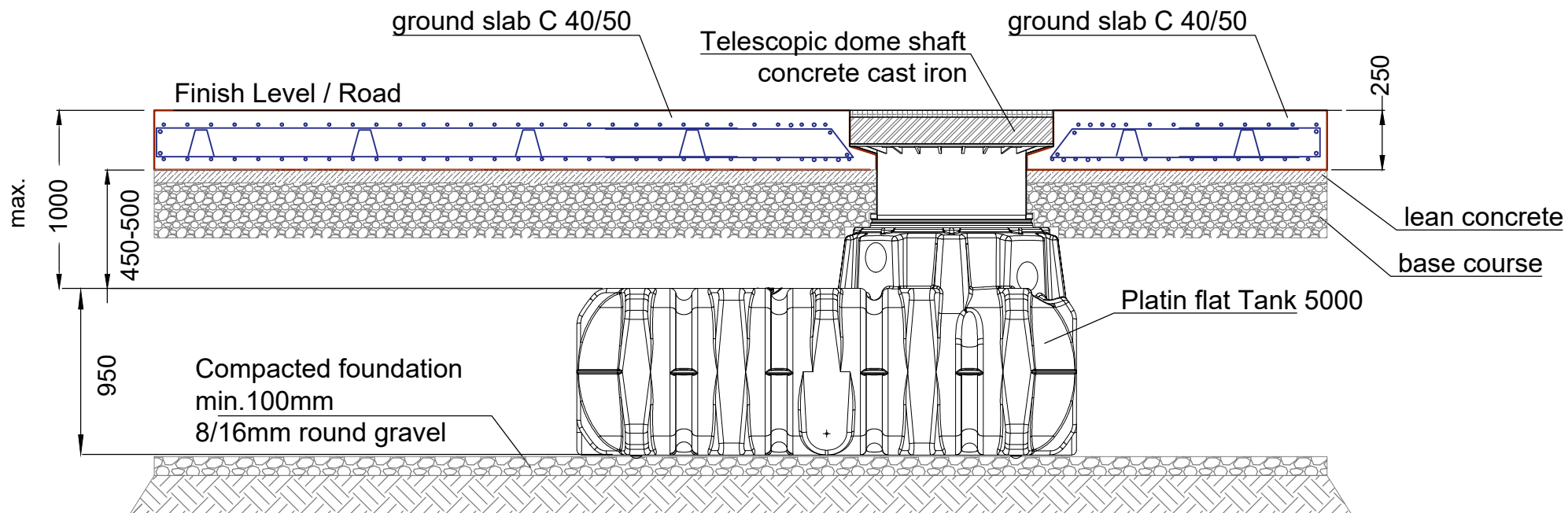




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GRAFFlachtank Platin Einbauskitze - Lastverteilerplatte

Artikel-Nr.
product no.
article no.
articulo no.

GB

GRAF Installation - detail

ES

GRAF Instrucciones - detalle

FR

GRAF Installation - détail

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gezeichnet, drawn EMU

Gewicht, weight

revision

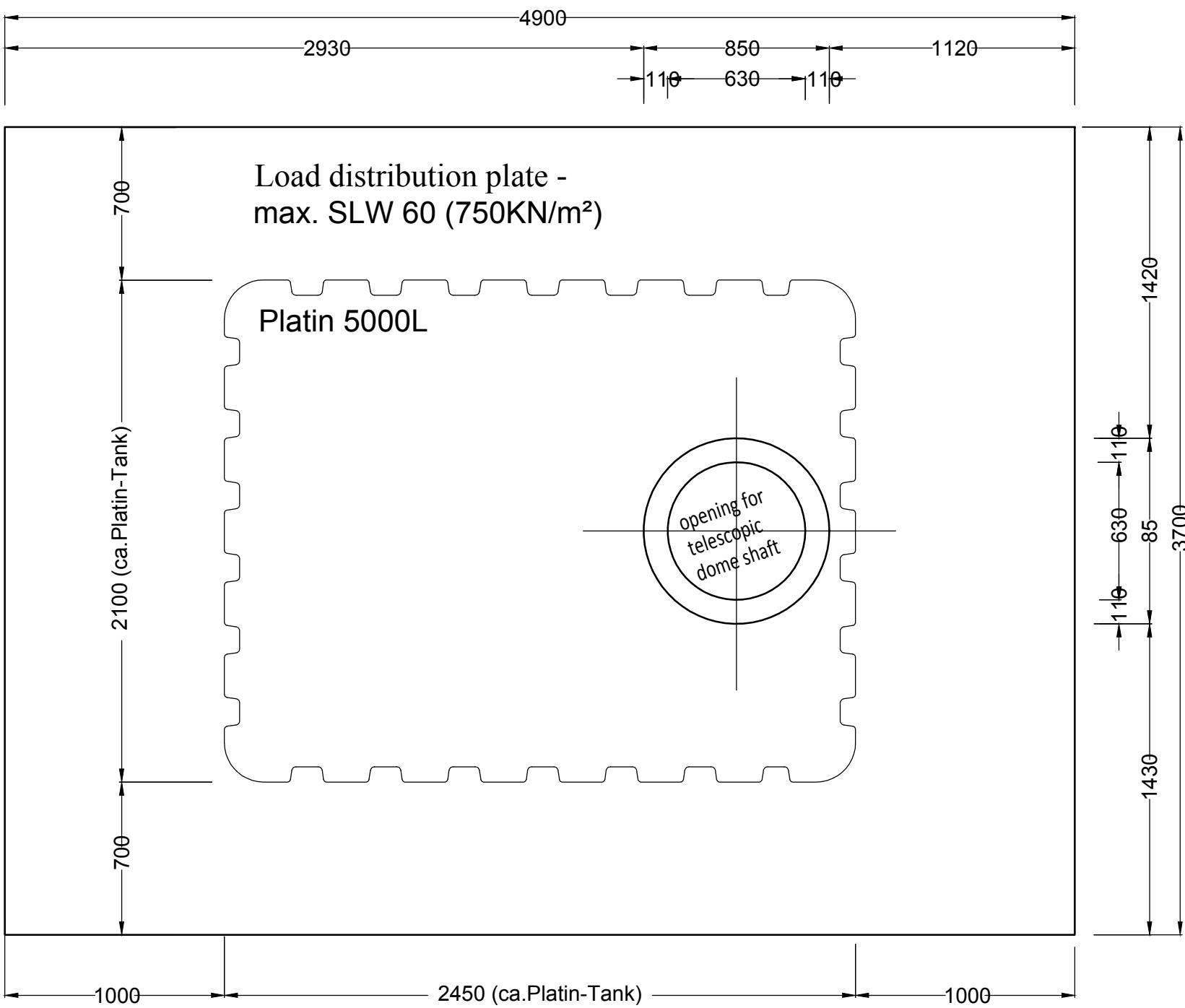
Datum, date 2019.08.28

Toleranz, tolerance +/- 3%

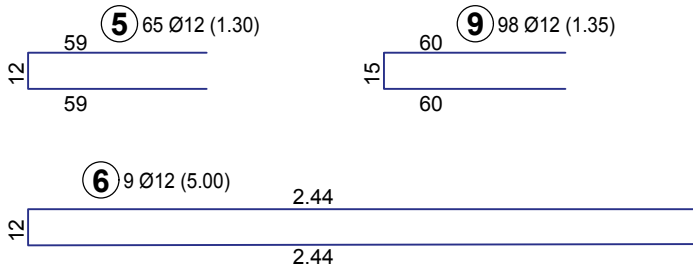
Maßstab, scale M 1:30

Einheiten, units mm [inch] gal. = US gal.

layout ground slab thickness = 25cm



The ground slab has to be installed on a homogenous compacted ground.
The ground has to be able to take a load.
Underneath the ground slab a subbase (lean concrete) of 5 cm has to be installed.
Underneath the subbase a by hand compacted base course has to be installed.
This base course has to be build in layers.



Rebar - BOM BST - 500 S					
position	piece	Ø	length m	weight kg	TL m
1	30	14	4,750	5,75	142,50
2	28	12	4,750	4,22	133,00
3	82	12	3,550	3,15	291,10
4	16	14	3,550	4,30	56,80
5	65	12	1,300	1,15	84,50
6	9	12	5,000	4,44	45,00
7	10	12	2,150	1,91	21,50
8	8	12	2,500	2,22	20,00
9	98	12	1,350	1,20	132,30
10	10	12	2,900	2,58	29,00
11	8	12	3,100	2,75	24,80
12	8	14	4,800	5,81	38,40
13	1	12	3,650	3,24	3,65
14	1	12	2,950	2,62	2,95
15	8	14	2,200	2,66	17,60
Total amount (rebar - 500 s)					
12	0,888 kg/m	787,80 m	699,57 kg		
14	1,21 kg/m	255,30 m	308,91 kg		
Supporting cages					
12 x 2 m	DBV-DT-9-B-L			10,48 kg	

Supporting cages for ground slab, installation gap max. 700 mm,
12 x 2 m DBV-DT-9-L

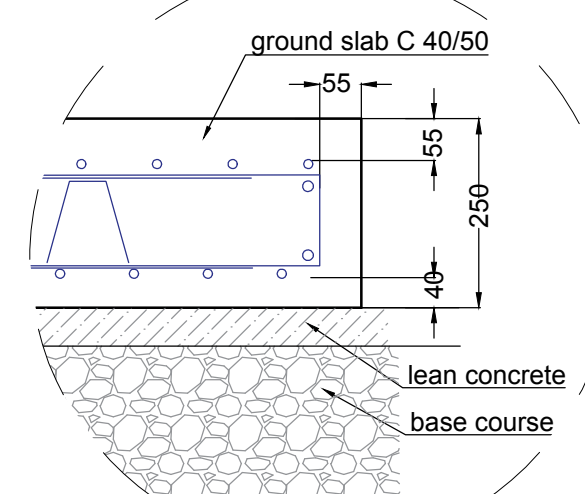
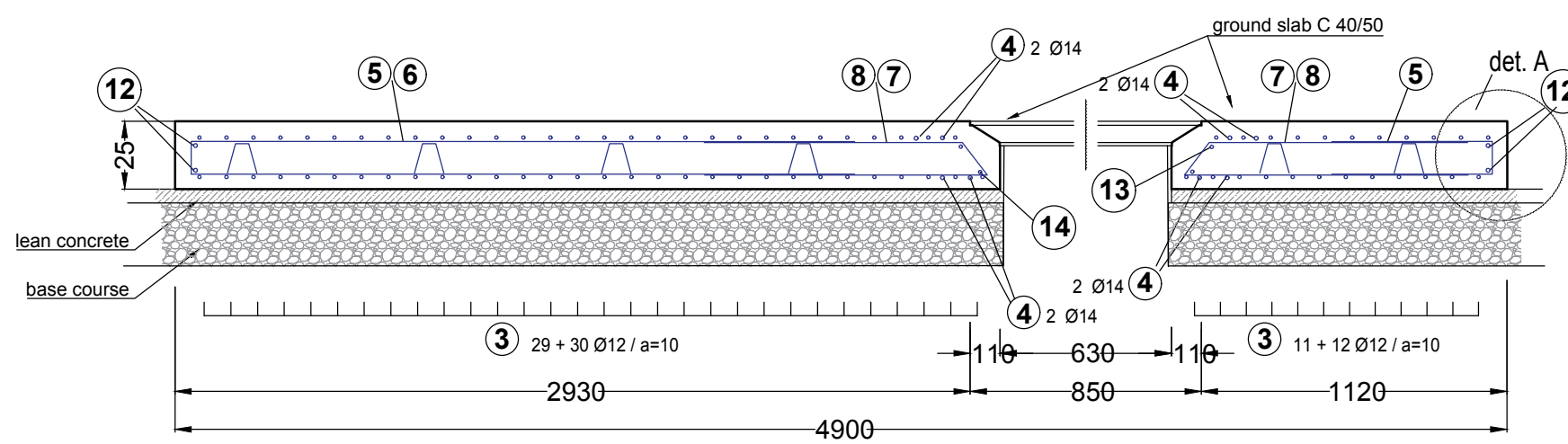
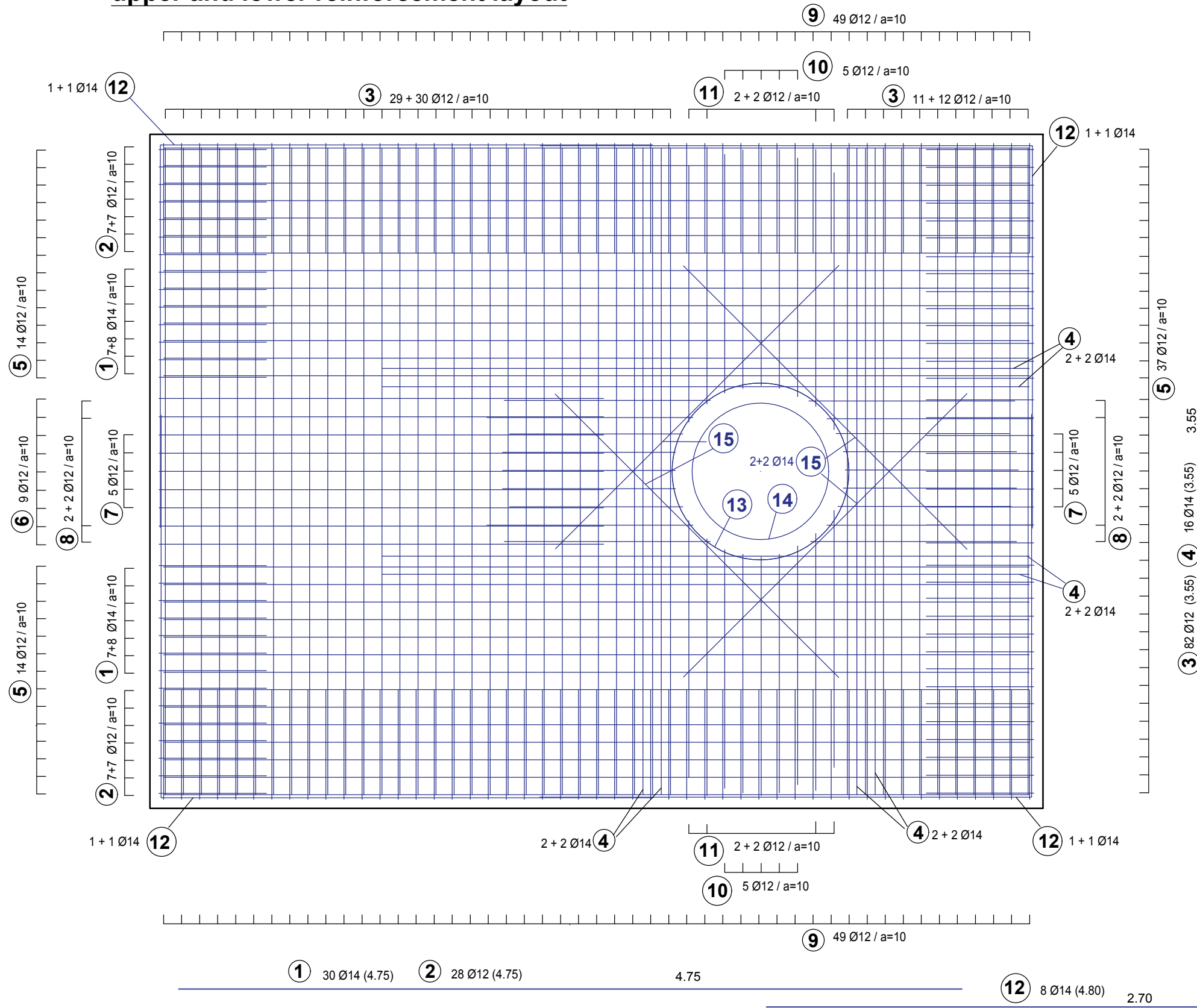
Concrete (DIN EN 206-1)			
component	exposure class	compressive strength	concrete cover
lean concrete	XC0	C 8 / 10	—
ground slab	XC4, XD3, XF4, XM2, WA	C 40 / 50	below 4cm - on top 5,5cm lateral 5,5 cm

Depending on requirements, additional surface protection or the use of concrete additive is required.
This needs to be checked by the construction management on site!

rebar (DIN 488):
round steel: B500B

Required soil characteristics:
- Soil group 1, specific weight 20kN/m³, friction angle 35°
- Modul of subgrade as a rigid number: 25MPa=25000 kN/m²

upper and lower reinforcement layout



revision			
revision			
Formwork and reinforcement plan (maximum load 600 kN)			Artikel-Nr. product no. article no. artículo no.
Load distribution plate for Platin- flat tank 5000 L- SLW 60			
gezeichnet drawn	ISC	Gewicht weight	Otto Graf GmbH Carl-Zeiss-Str. 2-6 DE-79331 Teningen mail@graf.info www.graf.info
Datum date	2019.01.28	Toleranz tolerance	+/- 3%
Maßstab scale	M 1:25	Einheiten units	mm [inch] gal. = US gal.
1			

