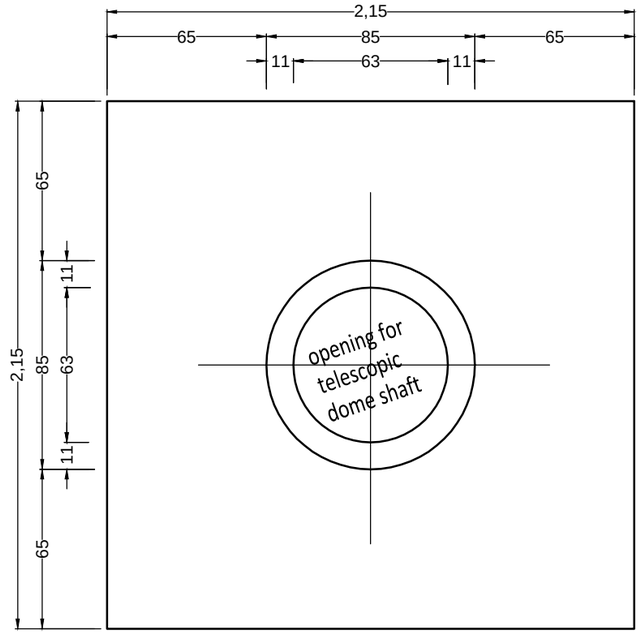
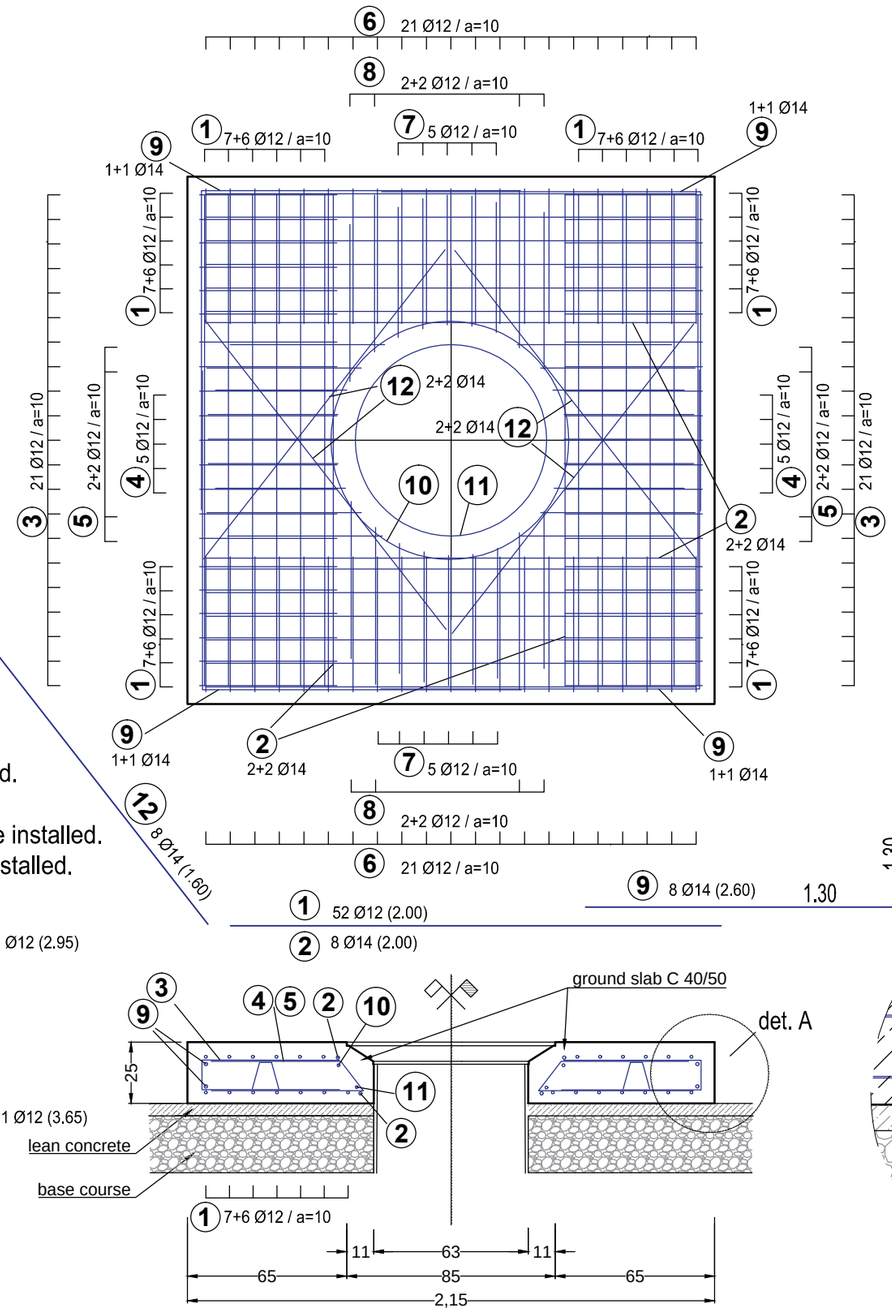
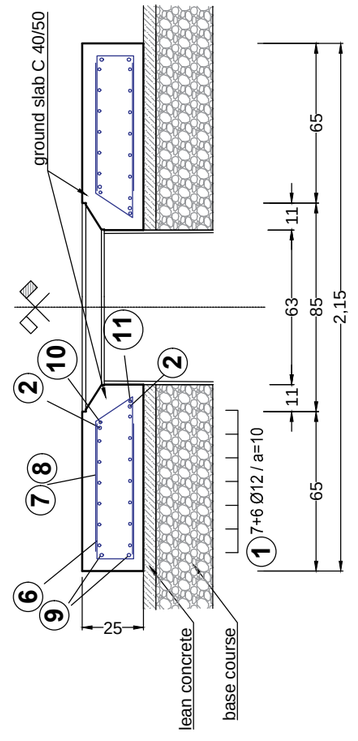
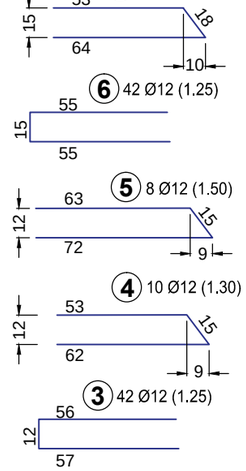
layout ground slab
thickness = 25cm

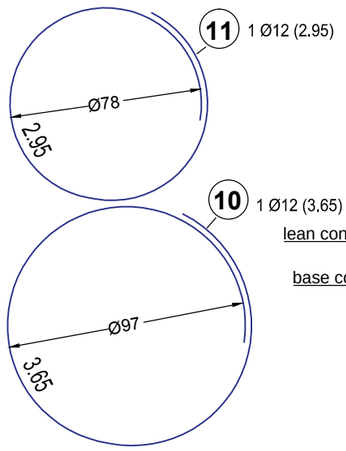


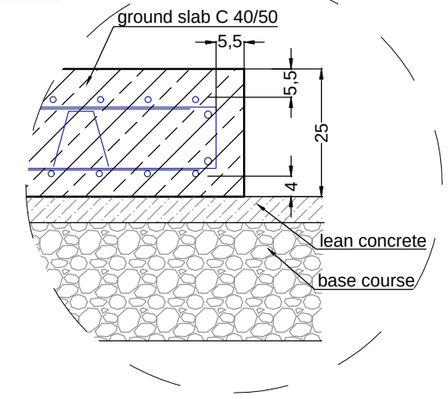
upper and lower reinforcement layout











Detail A M 1:10

The ground slab has to be installed on a homogenous compacted ground.
The ground has to be ableable 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	lenght m	weight kg	TL m
1	52	12	2,000	1,77	104,00
2	8	14	2,000	2,42	16,00
3	42	12	1,250	1,11	52,50
4	10	12	1,300	1,15	13,00
5	8	12	1,500	1,33	12,00
6	42	12	1,250	1,11	52,50
7	10	12	1,350	1,19	13,50
8	8	12	1,550	1,38	12,40
9	8	14	2,600	3,45	20,80
10	1	12	3,650	3,24	3,65
11	1	12	2,950	2,62	2,95
12	8	14	1,600	1,94	12,80

Total amount (rebar - 500 s)				
	12	0,888 kg/m	266,5 m	236,65 kg
	14	1,21 kg/m	49,6 m	60,02 kg
Supporting cages				
3 x 2 m	DBV-DT-9-B-L			2,62 kg

Supporting cages for ground slab, instalation gap max. 70 cm,
3 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

D

Formwork and reinforcement plan

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

Ground slab for separator tanks saphir 600, 900, and 1200 L

revision

gezeichnet drawn	ISC	Gewicht weight	
Datum date	2017.03.30	Toleranz tolerance	
Maßstab scale	M 1:25	Einheiten units	m, cm,

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GRAF

DIN A3