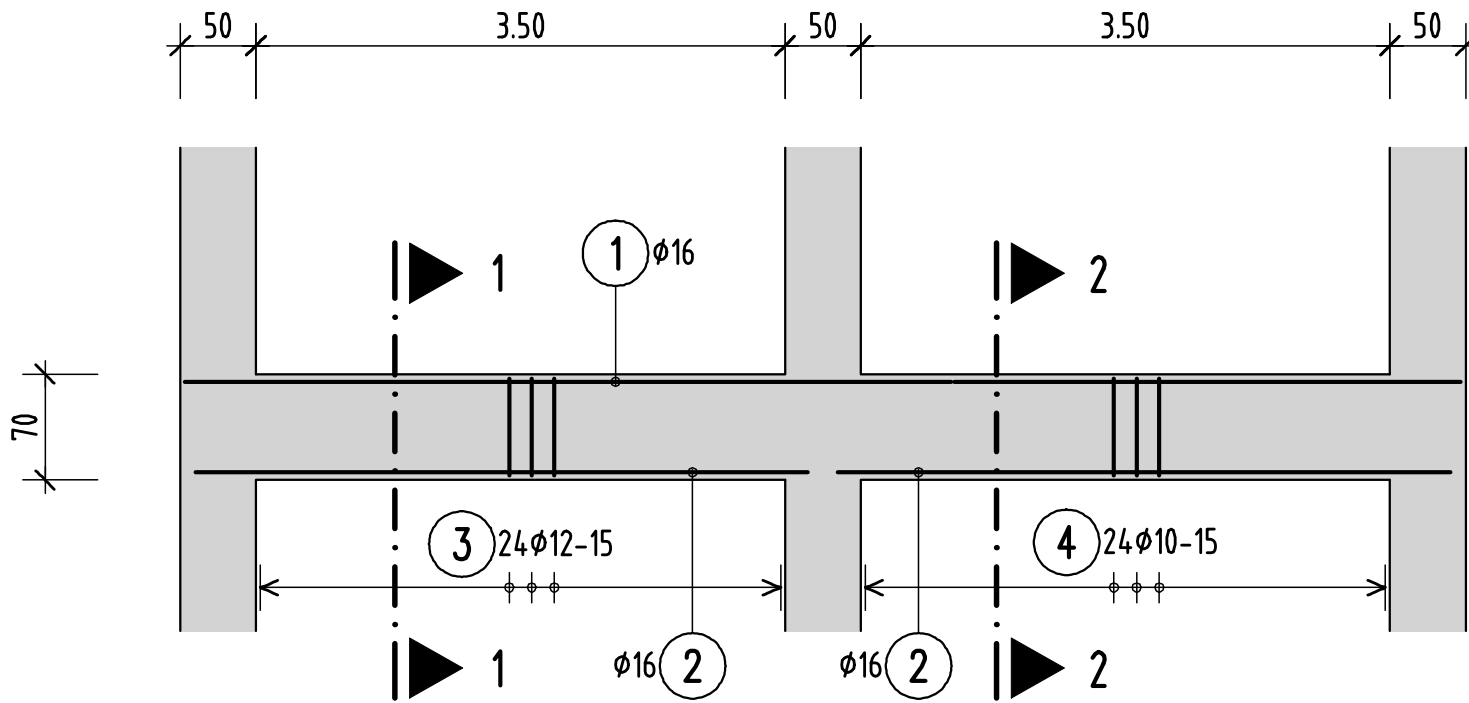
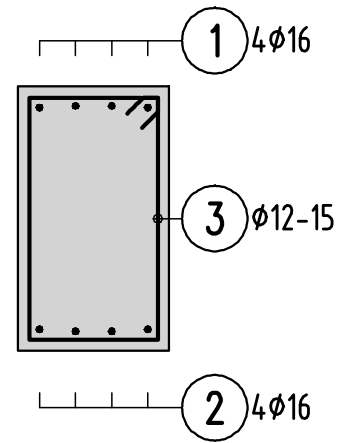


Unterzug M. 1:50

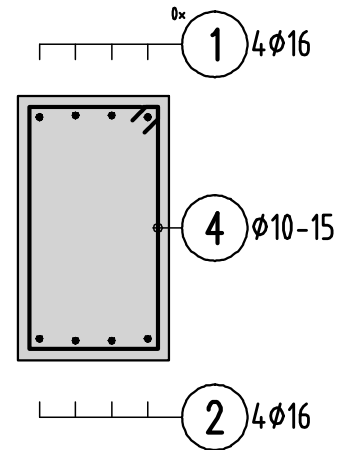
Beton: C 30/37



Schnitt 1 - 1 M. 1:20



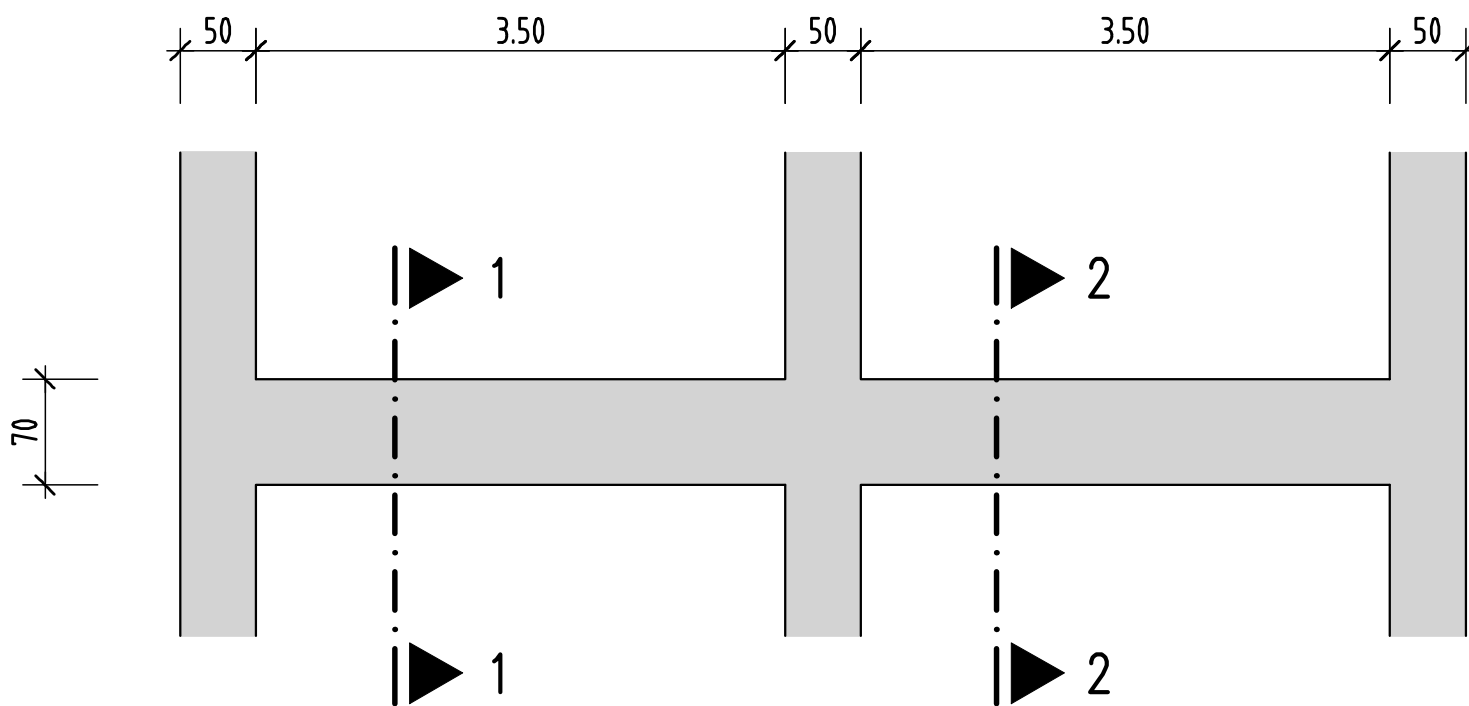
Schnitt 2 - 2 M. 1:20



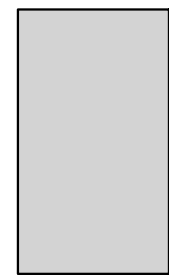
1 4 ϕ 16, L=8.44m	2 2x4=8 ϕ 16, L=4.05m	3 24 ϕ 12, L=2.20m	4 24 ϕ 10, L=2.16m

Unterzug M. 1:50

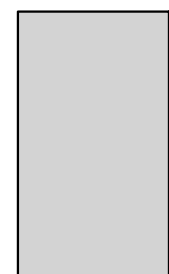
Beton: C 30/37



Schnitt 1 - 1 M. 1:20

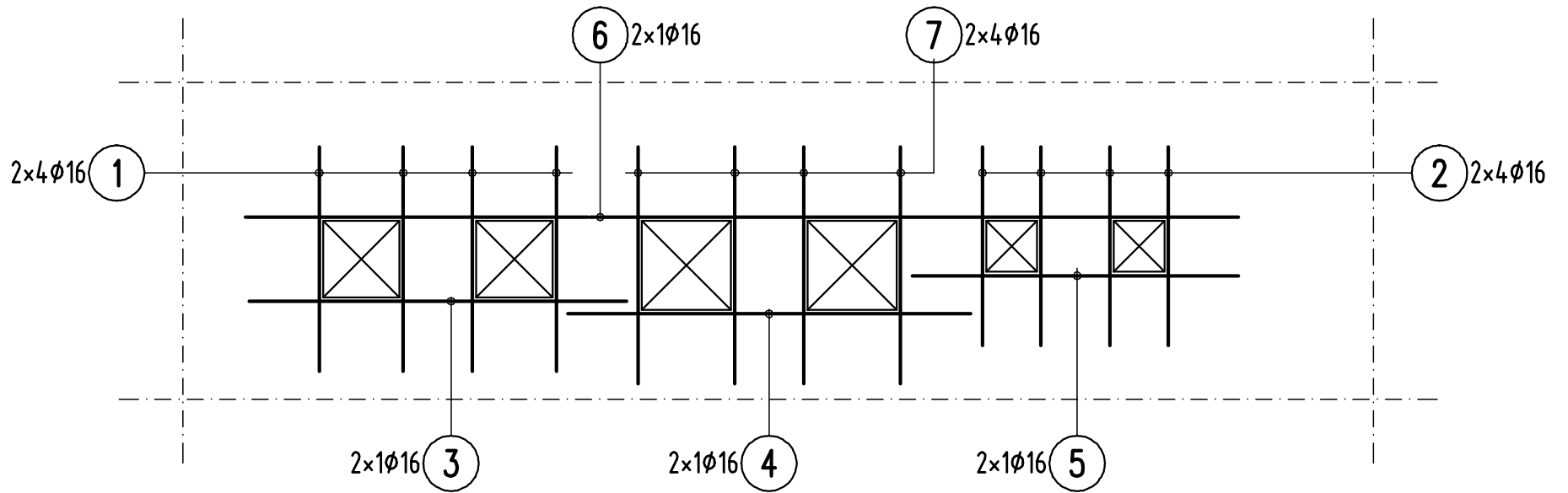


Schnitt 2 - 2 M. 1:20



Vielloch

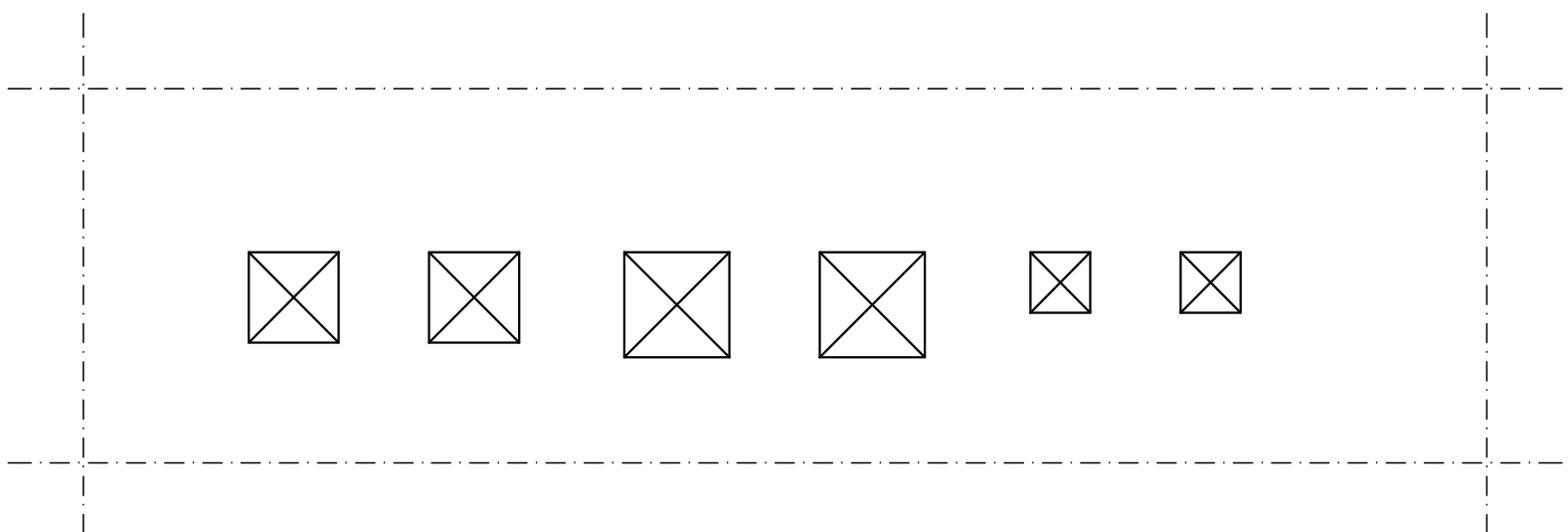
M. 1:50
Beton: C 30/37



<hr style="border: 1px solid black;"/> -1.76-	<hr style="border: 1px solid black;"/> -1.56-	<hr style="border: 1px solid black;"/> -2.96-	<hr style="border: 1px solid black;"/> -3.16-	<hr style="border: 1px solid black;"/> -2.56-
1 2x4=8φ16, L=1.76m	2 2x4=8φ16, L=1.56m	3 2x1=2φ16, L=2.96m	4 2x1=2φ16, L=3.16m	5 2x1=2φ16, L=2.56m
<hr style="border: 1px solid black;"/> -7.79-	<hr style="border: 1px solid black;"/> -1.86-			
6 2x1=2φ16, L=7.79m	7 2x4=8φ16, L=1.86m			

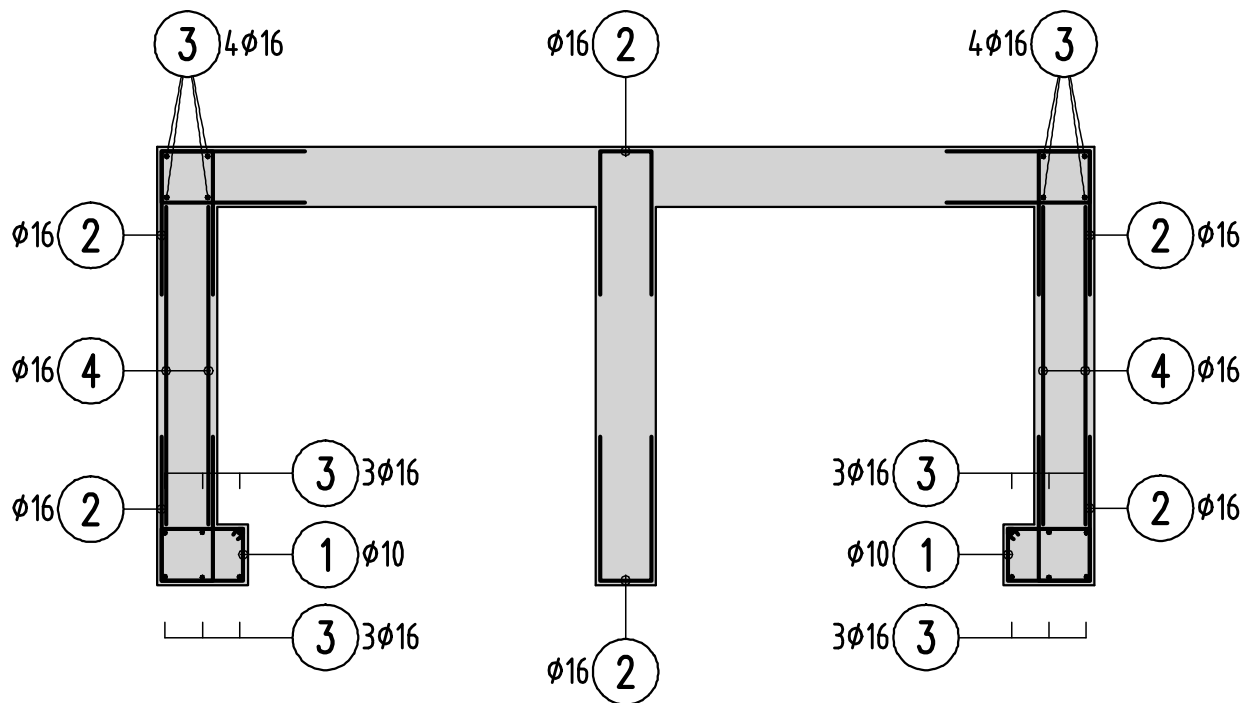
Vielloch

M. 1:50
Beton: C 30/37



Kernwand

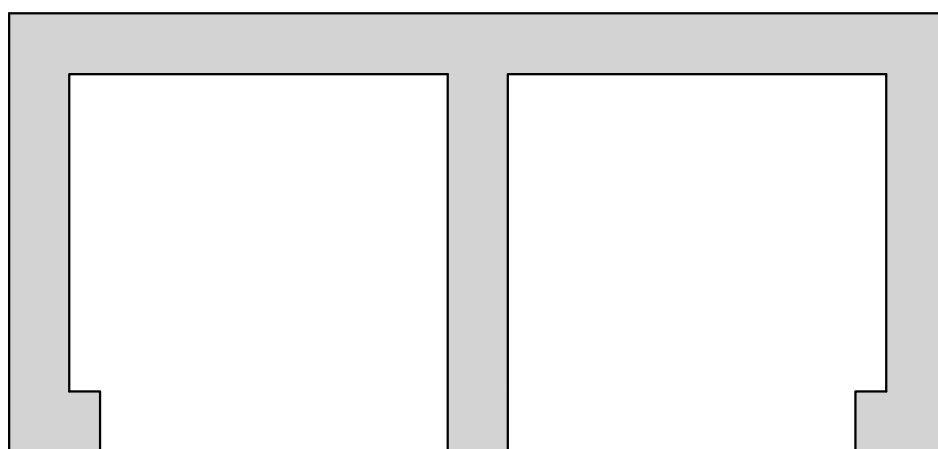
M. 1:50
Beton: C 30/37



<p>1 10φ10, L=1.96m</p>	<p>2 10φ16, L=2.24m</p>	<p>3 4x3+2x4=20φ16, L=8.00m</p>	<p>4 10φ16, L=2.10m</p>
--------------------------------	--------------------------------	--	--------------------------------

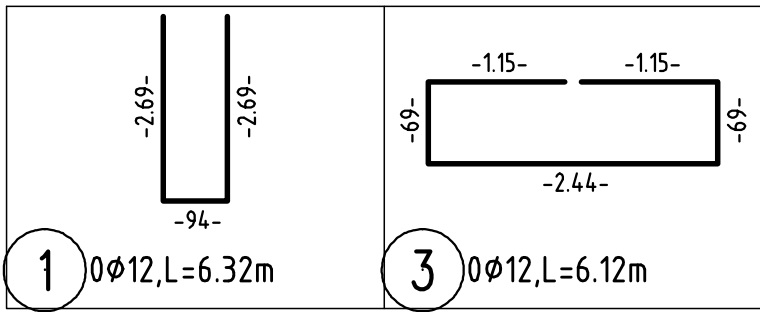
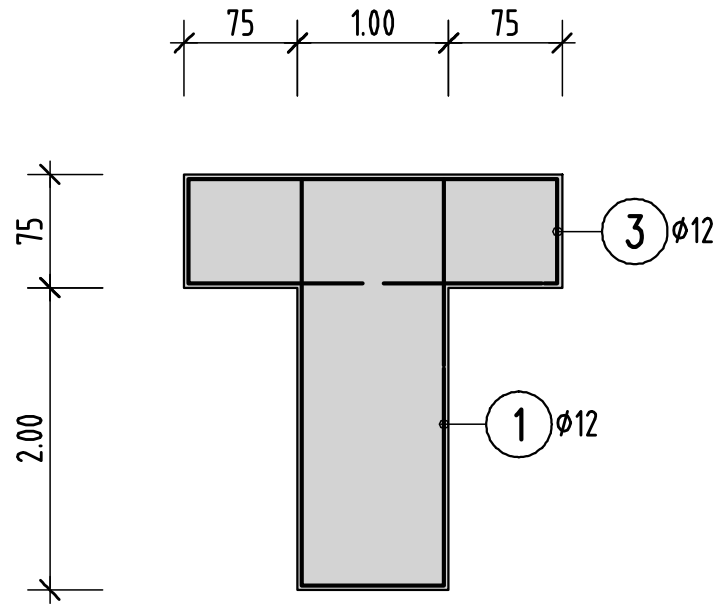
Kernwand

M. 1:50
Beton: C 30/37



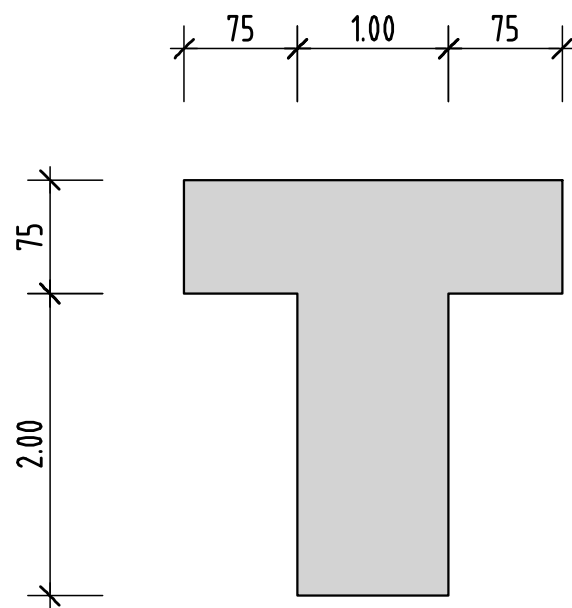
Plattenbalken M. 1:50

Beton: C 30/37



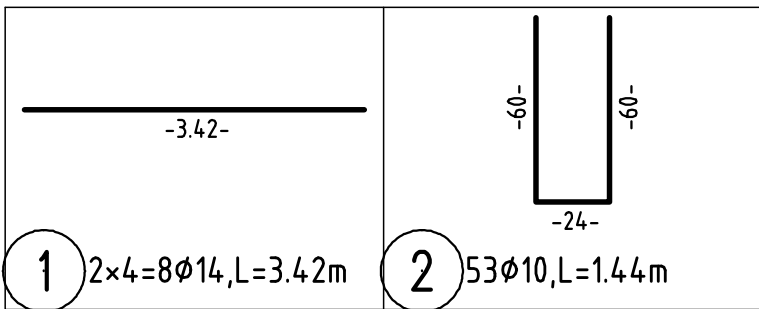
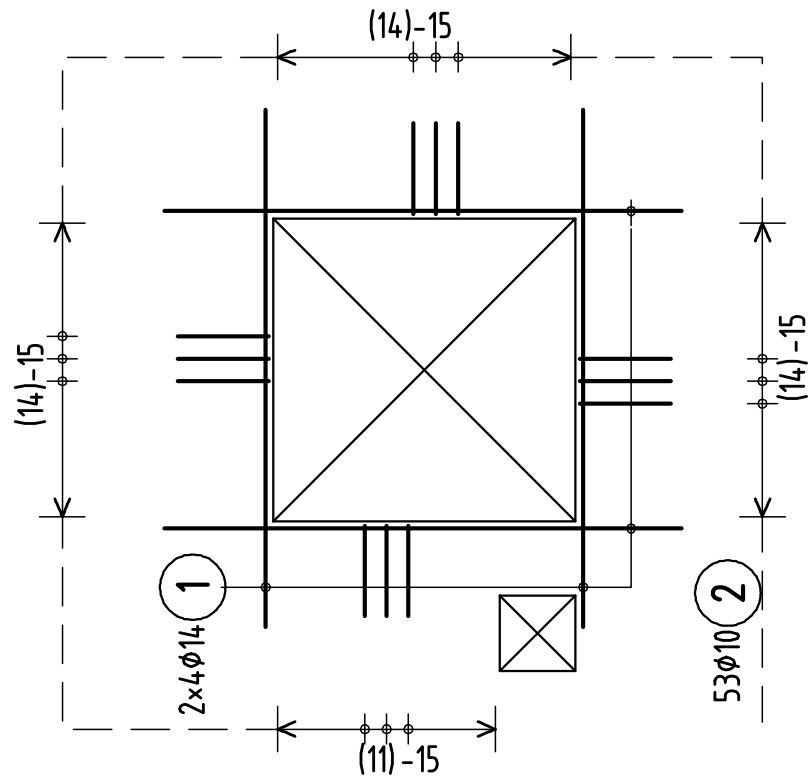
Plattenbalken M. 1:50

Beton: C 30/37



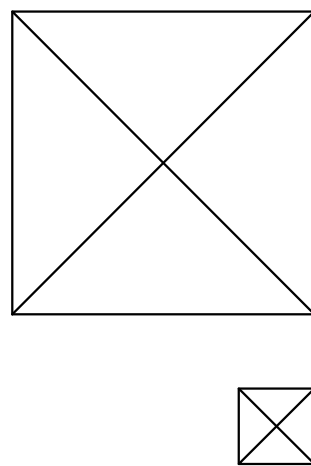
Aussparung M. 1:50

Beton: C 30/37



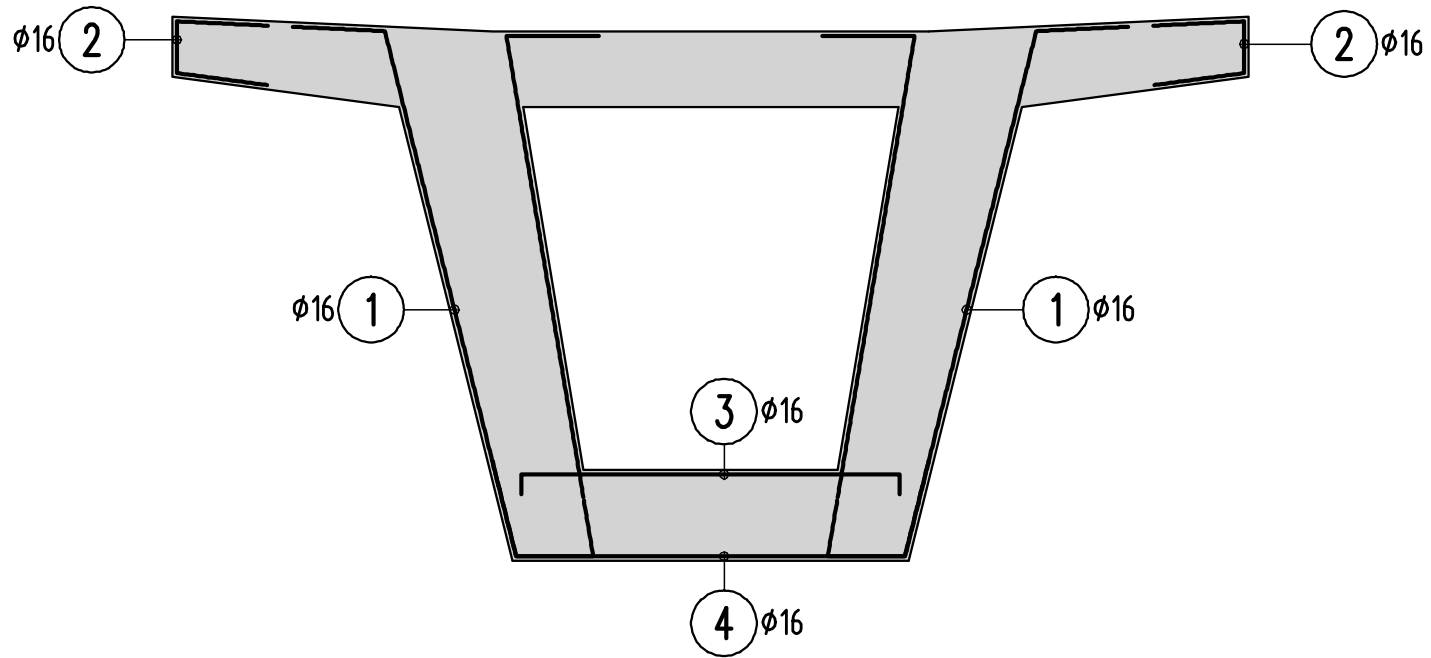
Aussparung M. 1:50

Beton: C 30/37

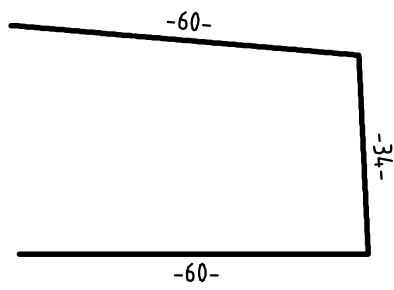


Hohlkasten M. 1:50

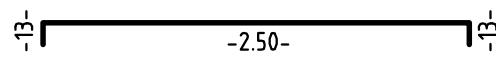
Beton: C 30/37



1 $0\phi 16, L=8.80m$



2 $0\phi 16, L=1.54m$



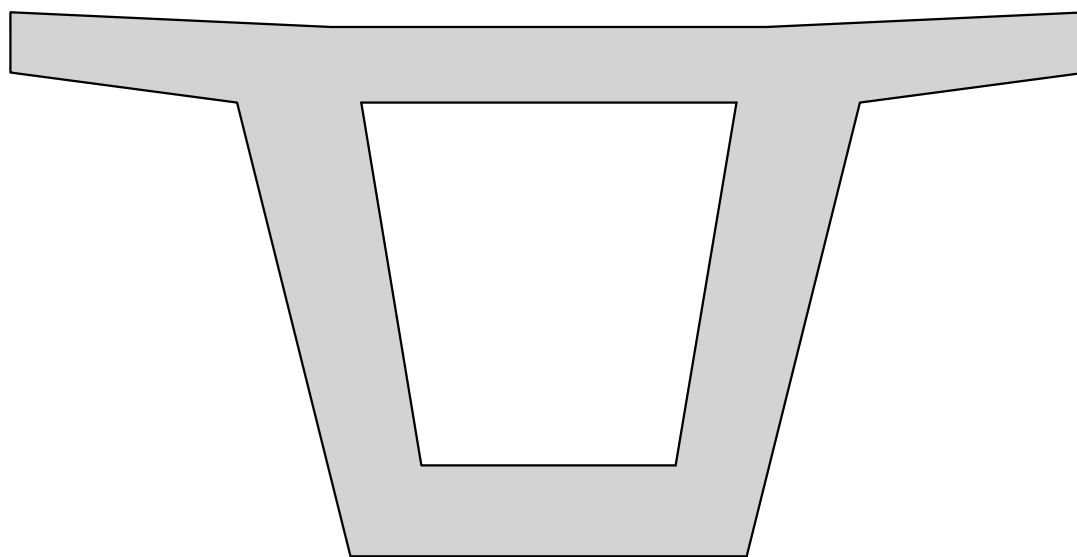
3 $0\phi 16, L=2.76m$



4 $0\phi 16, L=3.87m$

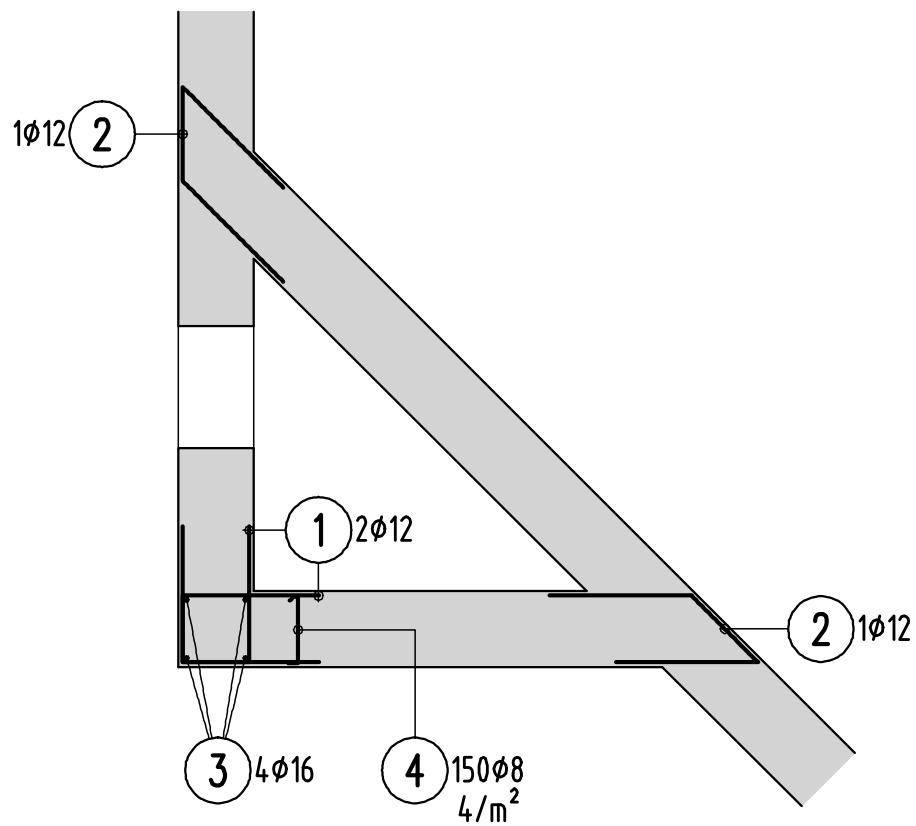
Hohlkasten M. 1:50

Beton: C 30/37



Dreieck M. 1:50

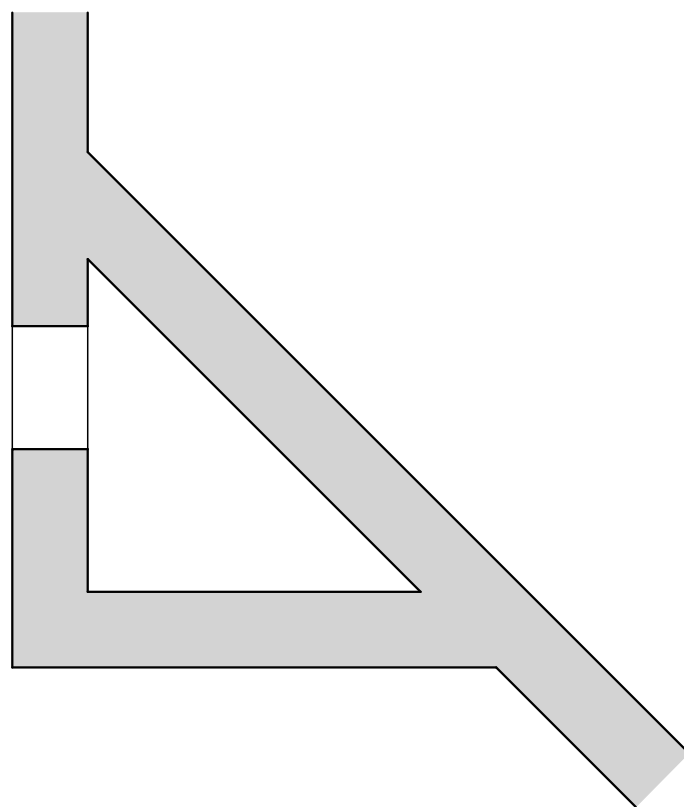
Beton: C 30/37



<p>1 $2\phi 12, L=2.24\text{m}$</p>	<p>2 $2 \times 1 = 2\phi 12, L=2.50\text{m}$</p>	<p>3 $4\phi 16, L=4.00\text{m}$</p>	<p>4 $150\phi 8, L=0.58\text{m}$</p>
--	---	--	---

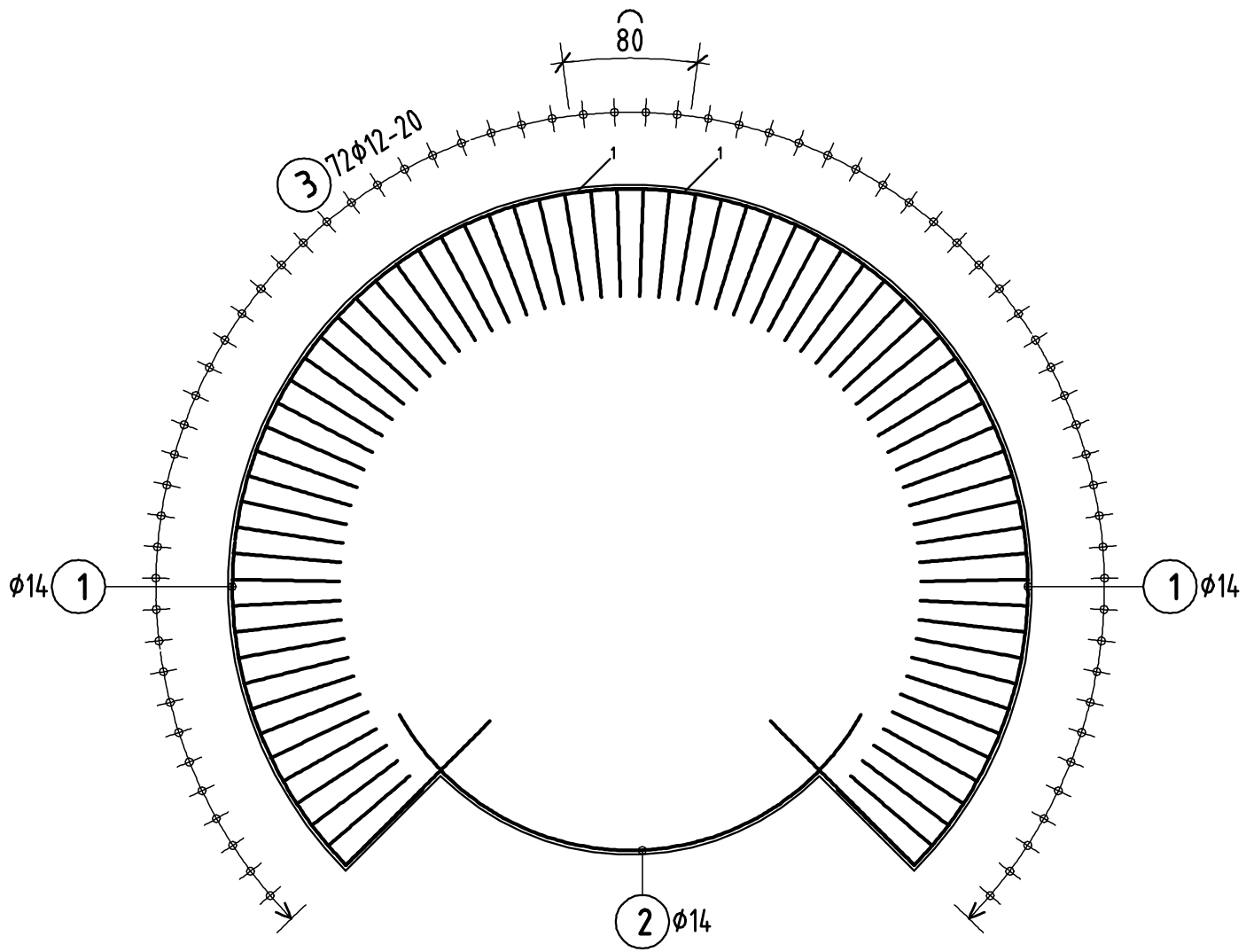
Dreieck M. 1:50

Beton: C 30/37



Fundament M. 1:50

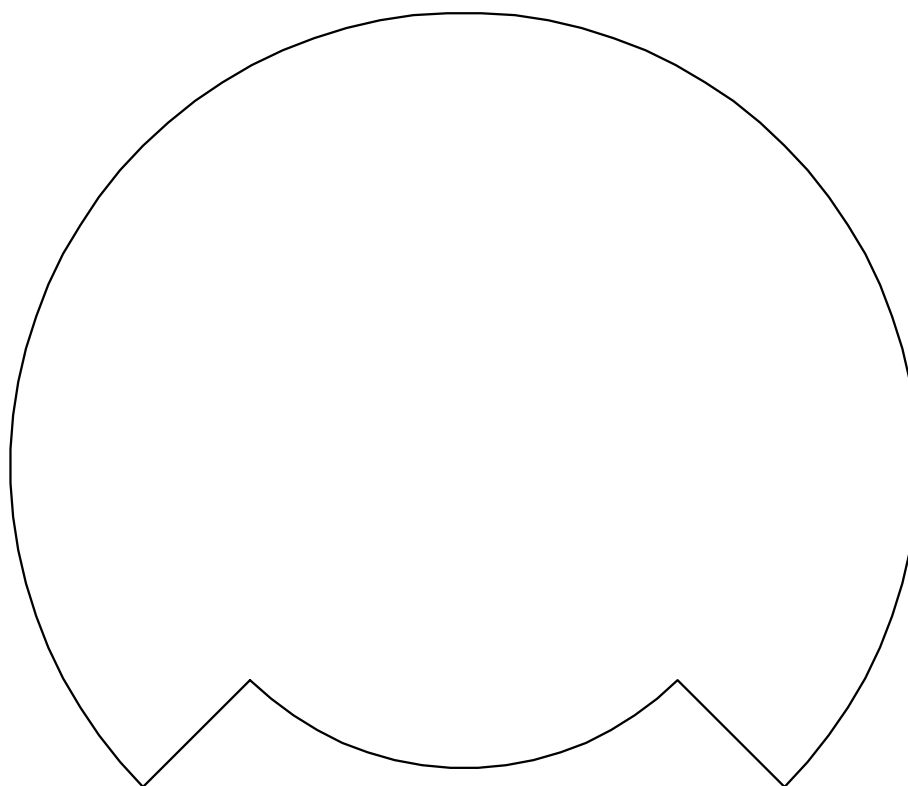
Beton: C 30/37



<p>1 0φ14, L=8.89m</p>	<p>2 0φ14, L=4.19m</p>	<p>3 72φ12, L=2.32m</p>	<p>4 0φ12, L=2.04m</p>
------------------------	------------------------	-------------------------	------------------------

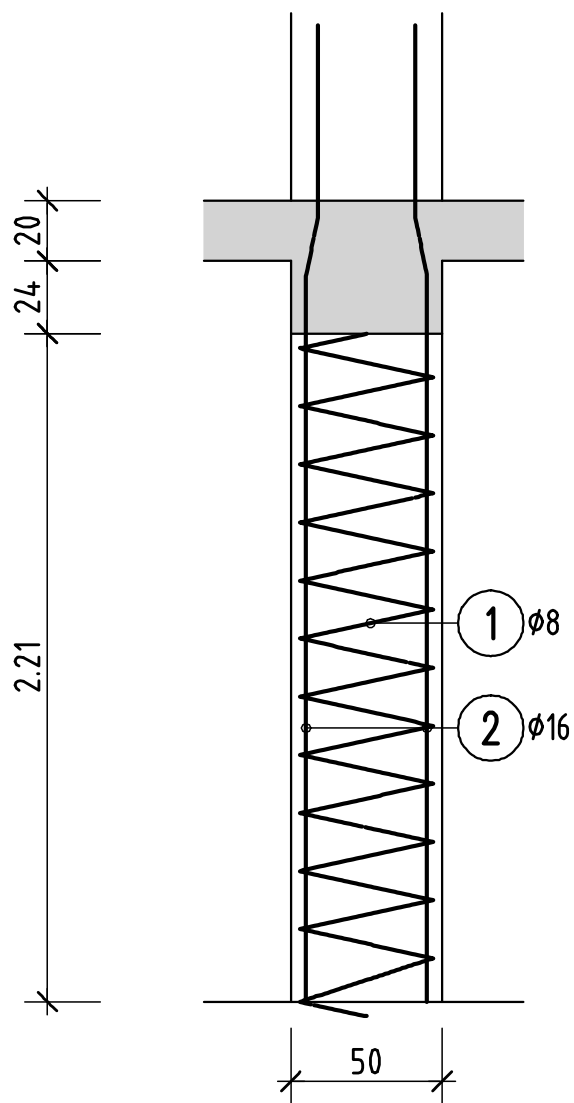
Fundament M. 1:50

Beton: C 30/37

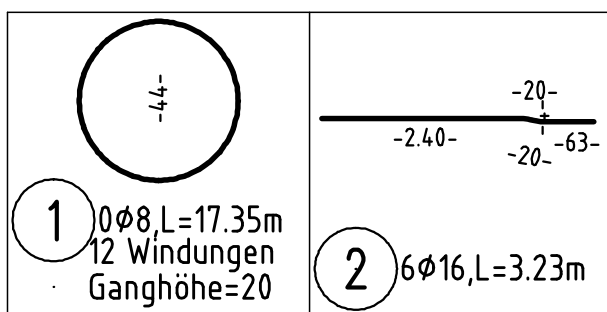
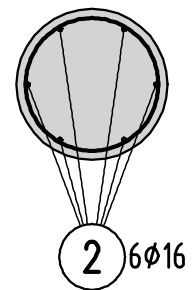


Rundstütze M. 1:25

Beton: C 30/37

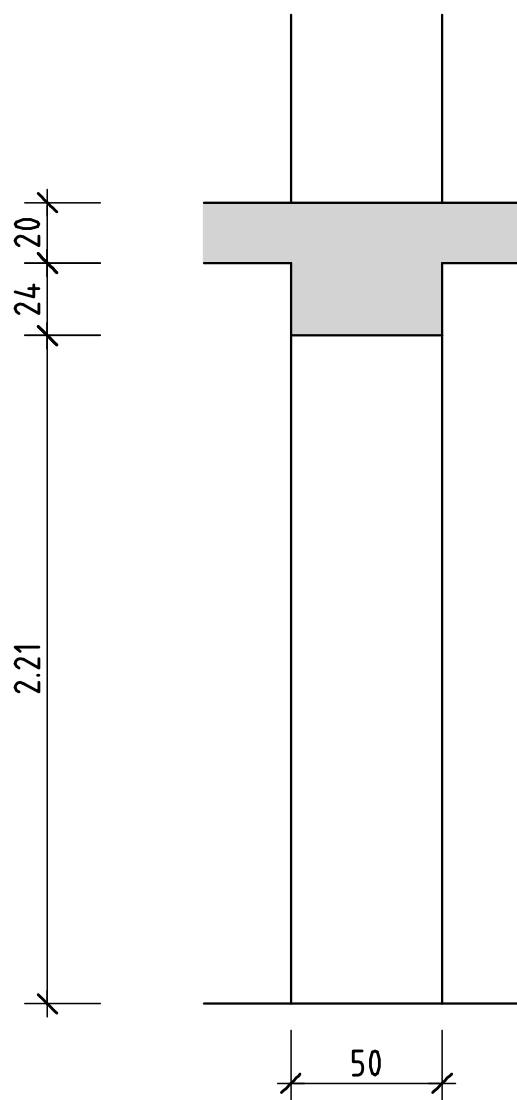


Schnitt

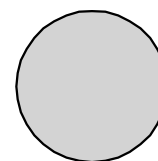


Rundstütze M. 1:25

Beton: C 30/37



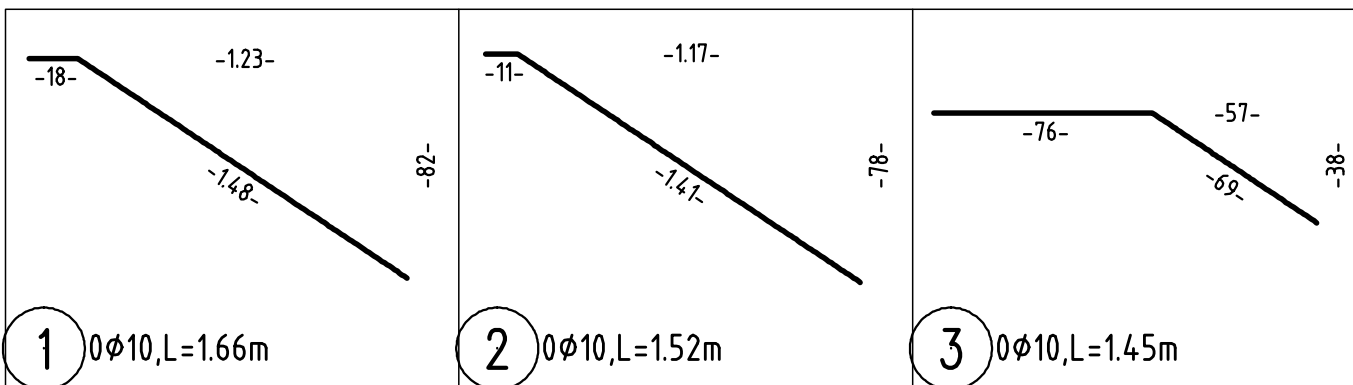
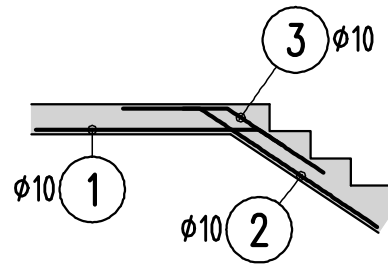
Schnitt



Treppe

M. 1:50

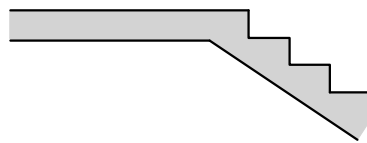
Beton: C 30/37



Treppe

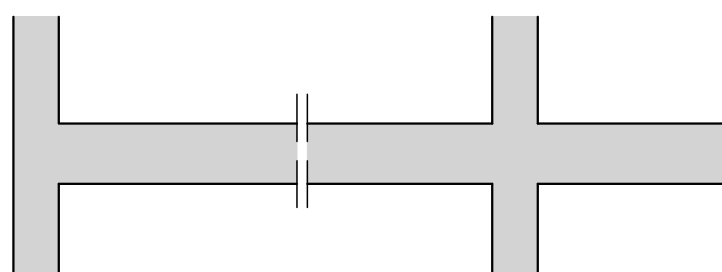
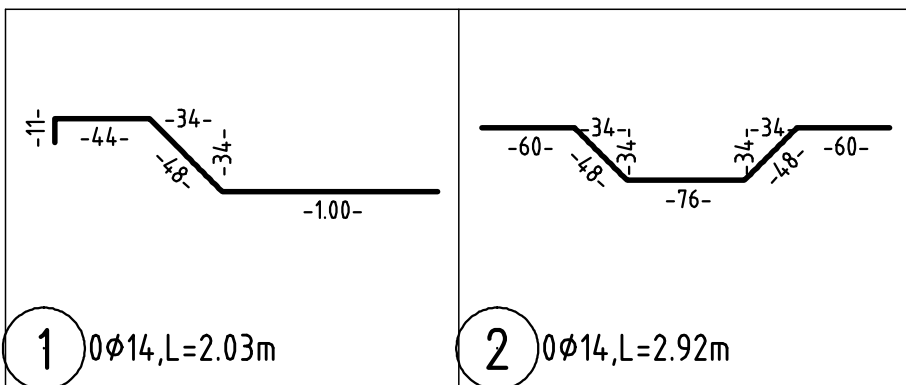
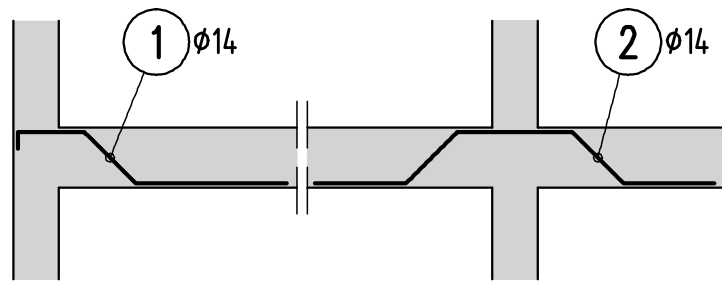
M. 1:50

Beton: C 30/37



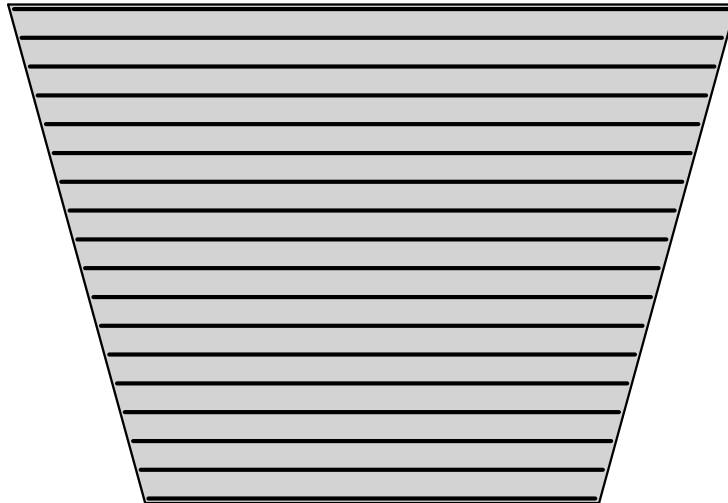
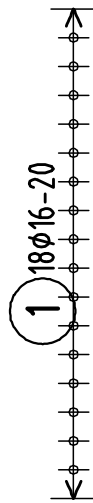
Zweifeldträger M. 1:50

Beton: C 30/37

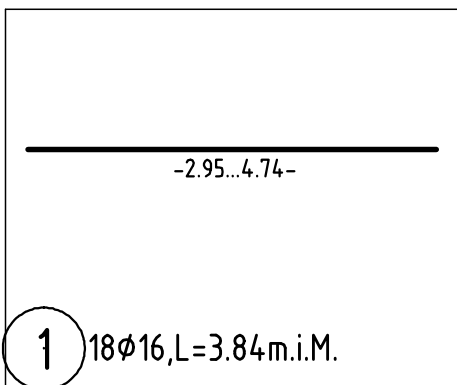


Bodenplatte M. 1:50

Beton: C 30/37

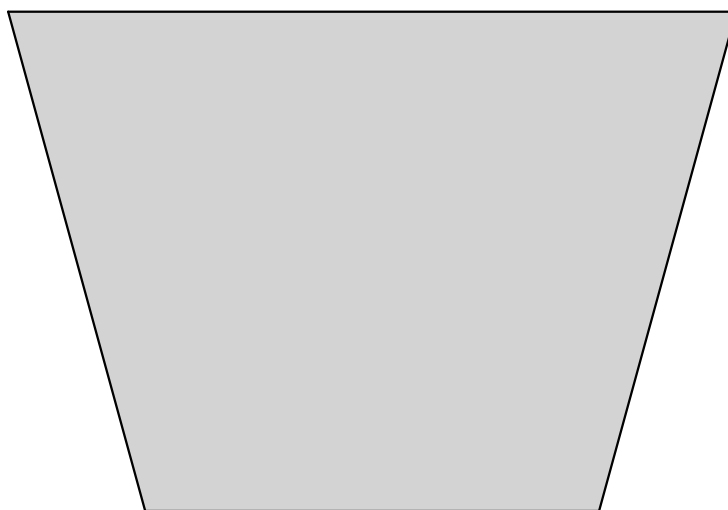


Pos.	-A-[m]	-L-[m]
1x1.1	2.95	2.95
1x1.2	3.06	3.06
1x1.3	3.16	3.16
1x1.4	3.27	3.27
1x1.5	3.37	3.37
1x1.6	3.48	3.48
1x1.7	3.58	3.58
1x1.8	3.69	3.69
1x1.9	3.79	3.79
1x1.10	3.90	3.90
1x1.11	4.00	4.00
1x1.12	4.11	4.11
1x1.13	4.21	4.21
1x1.14	4.32	4.32
1x1.15	4.42	4.42
1x1.16	4.53	4.53
1x1.17	4.63	4.63
1x1.18	4.74	4.74

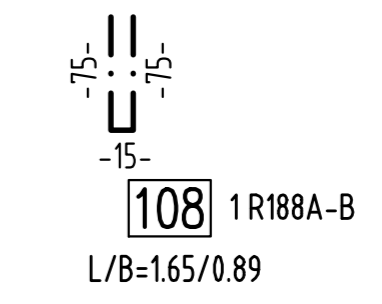
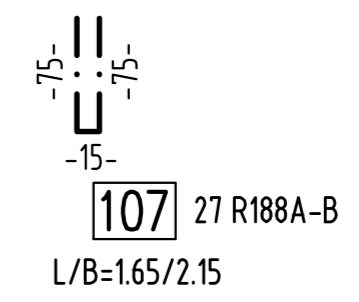
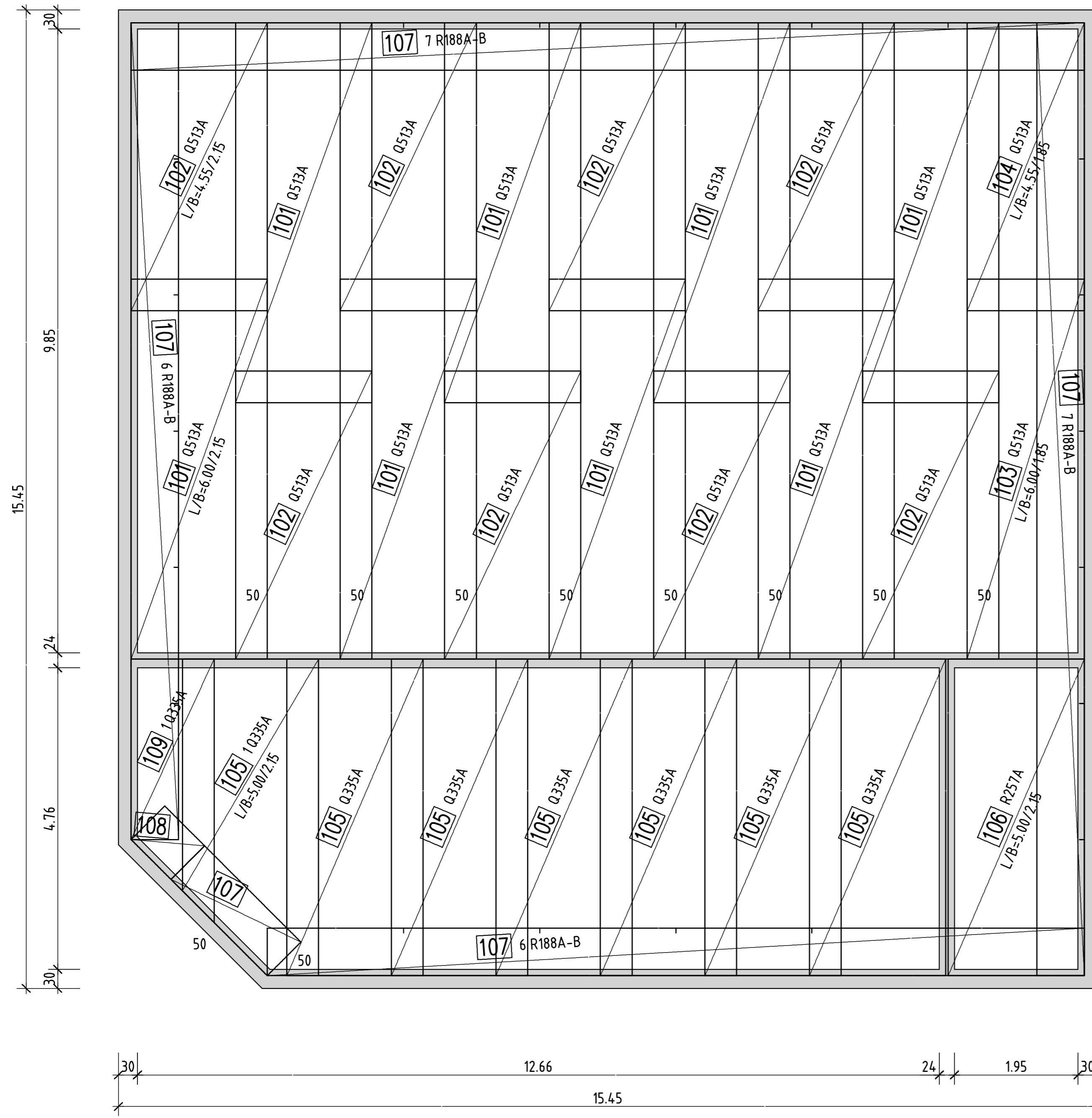


Bodenplatte M. 1:50

Beton: C 30/37

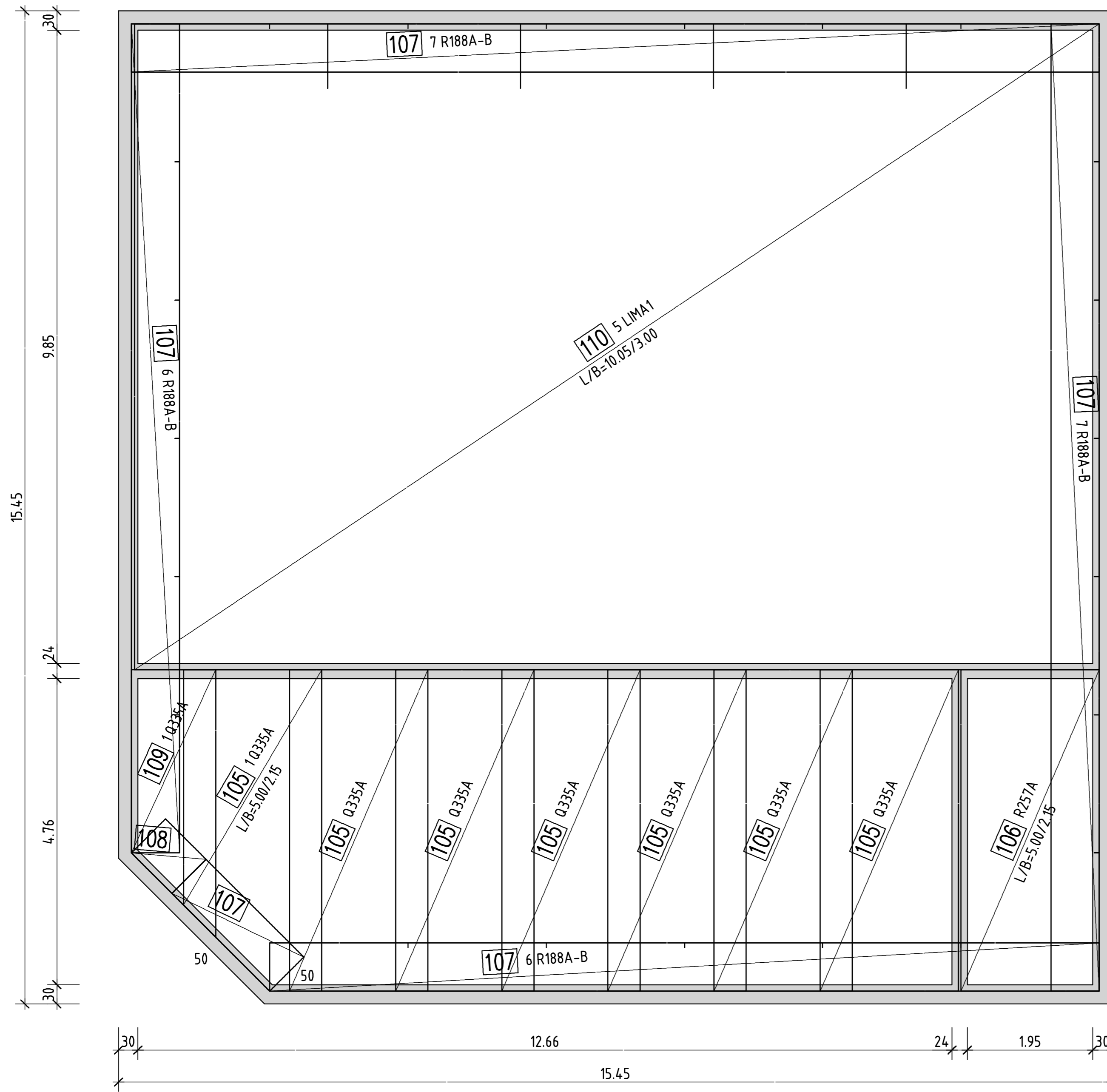


Decke M. 1:50
Beton: C 30/37



Decke mit Listenmatte M. 1:50

Beton: C 30/37



MATTENLISTE Betonstahl: 500M										
Pos.	Stk.	Typ	Länge	Breite	LIMA1	Q335A	R188A	R257A		
105	7	Q335A	5.00	2.15		75.25				
106	1	R257A	5.00	2.15				10.75		
107	27	R188A-B	1.65	2.15				95.78		
108	1	R188A-B	1.65	0.89				1.47		
109	1	Q335A	5.00	1.31		6.55				
110	5	LIMA1	10.05	3.00	150.75					
Gesamtflächen					150.75	81.80	97.25	10.75		
kg / m ²					13.42	5.37	2.44	3.00		
kg / Mattentyp					2023.668	439.266	237.292	32.250		

Gesamtgewicht (kg) 2732.476

B = Matte wird um die Querachse gebogen

LISTENMATTEN - Darstellung Betonstahl: 500M

Bezeichnung Bemerkungen	Matten- anzahl	Mattenaufbau:				Längsrichtung		Querrichtung		Länge Breite n	Oberstände		Gewicht kg/Matte	Gesamt- gewicht kg
		Stab- abstand a _l a _q mm	Stabdurchmesser		Stabanzahl	n Links n Anf	n Rechts n End	Anf a ₁ links	End a ₂ rechts					
			Innen d _{s1} d _{s3} mm	Rand d _{s2} d _{s4} mm										
LIMA1 a _R =0.00, l _k =10.05	5	100 1000	10.0d 14.0	10.0 14.0	- -	- -	10.05 3.00	1000 25	1000 25	404.734	2023.668			

Biegerollendurchmesser (Soweit nicht anders angegeben)			Baustoffe (Soweit nicht anders angegeben)	
Stab ϕ	< $\phi 20$	$d_{Br} = 4d_s$	Beton:	C30/37
d_s [mm]	$\geq \phi 20$	$d_{Br} = 7d_s$	Betonstahl:	BSt 500S(A), BSt 500M(A)

Alle Maße der Betonstahlauszüge sind Außenmaße !

letzte Stabstahlposition -

letzte Mattenposition 110

Betondeckung [mm]

	Expositions-klasse	Verlegemaß c_v	Vorhaltemaß Δc	Nennmaß c_{nom}
innen/unten	XC1	30	10	20
außen/oben	XC1	30	10	20
seitlich	XC4	40	15	40

SOFiCAD Schulung: Bewehrung
Version: 16.3
Datum: 11.05.04

Übung Nr.: 14 Decke (Listenmatte)
Dateiname: Uebung_14-2004-05-11
Bearbeitet: Ti



