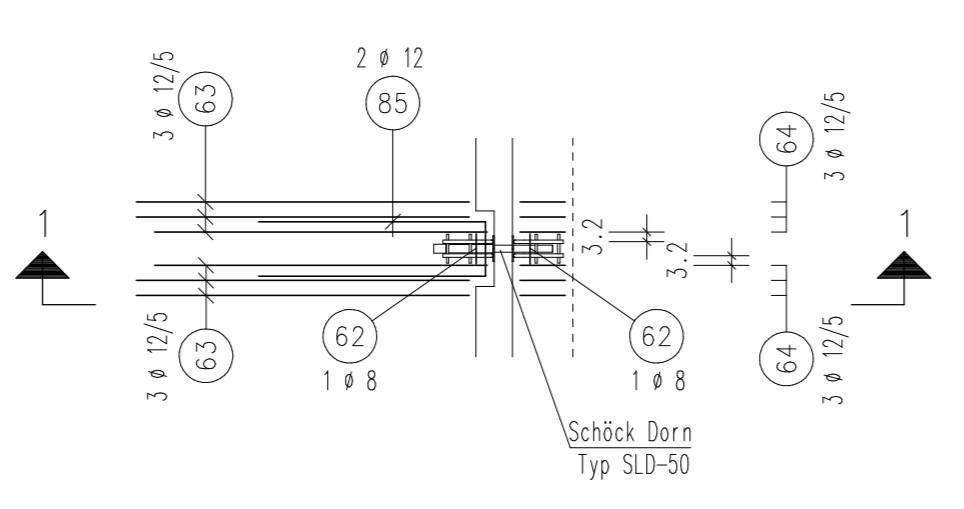
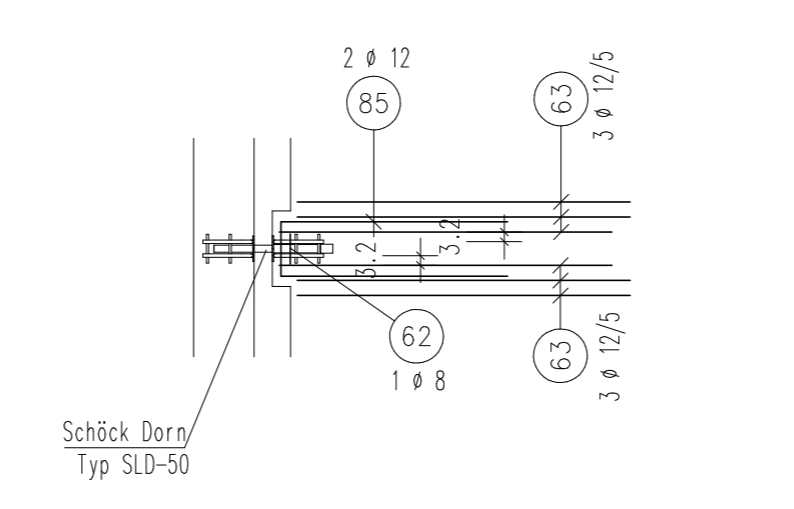


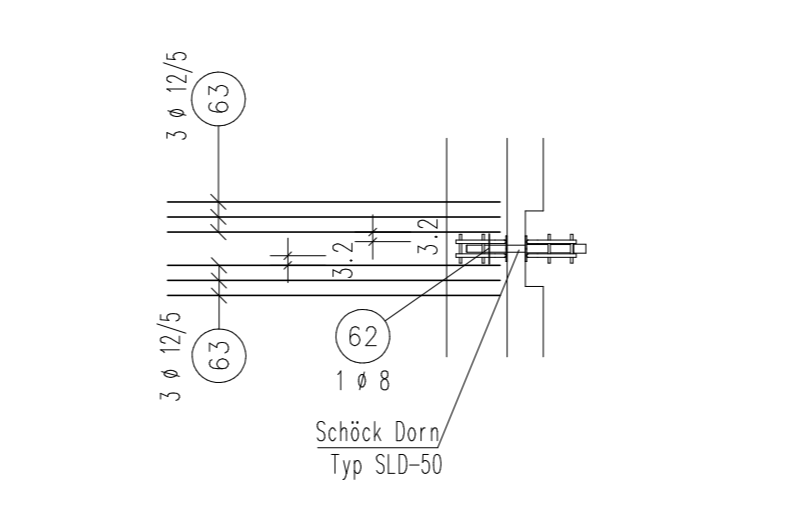
Detail "A"
1:25
8 x Vorh.



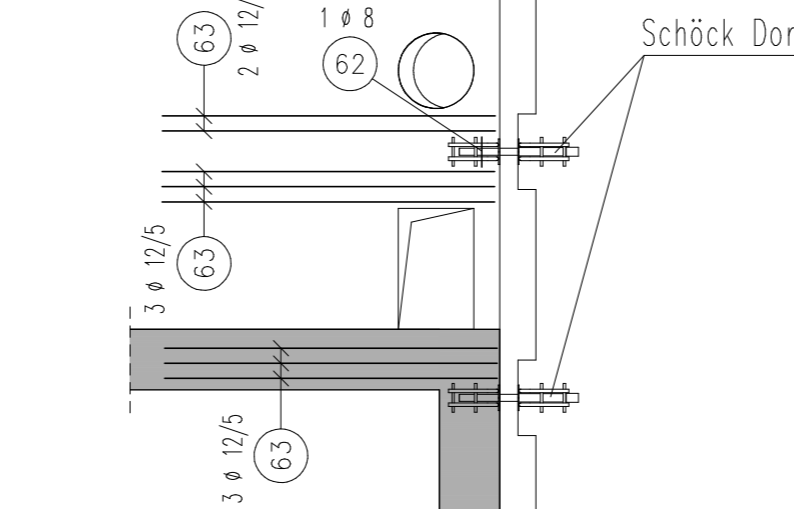
Detail "B"
1:25
8 x Vorh.



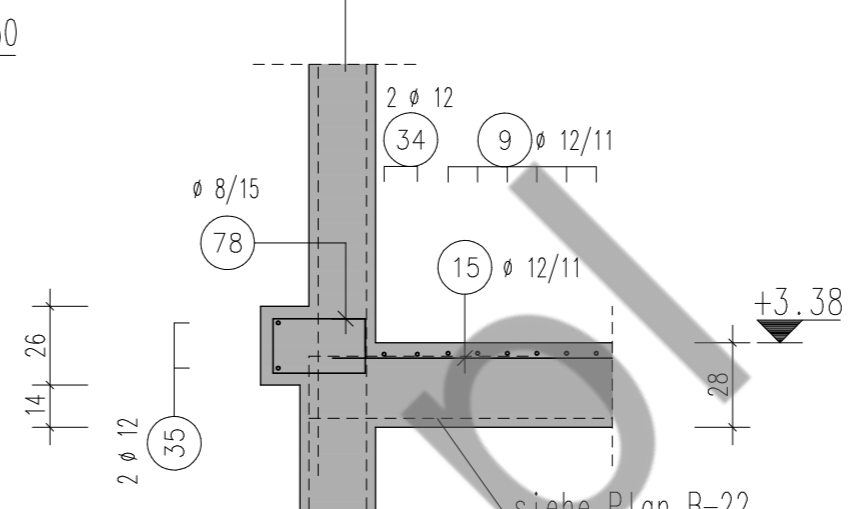
Detail "C"
1:25
3 x Vorh.



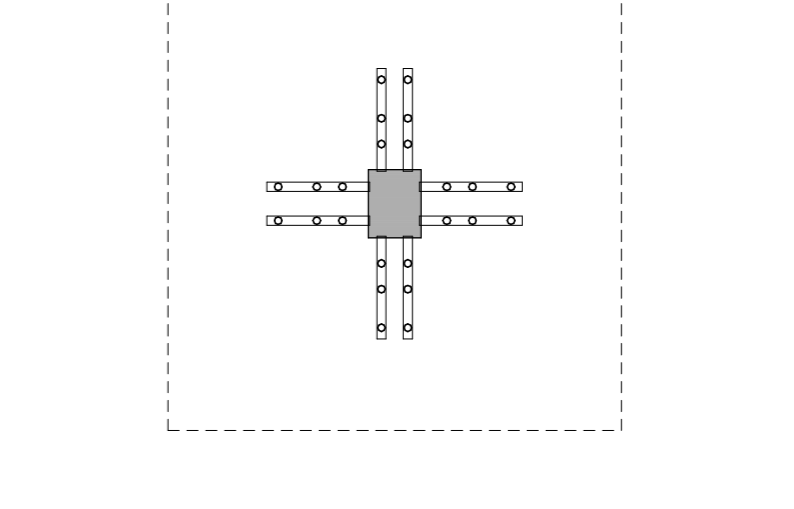
Detail "D"
1:25



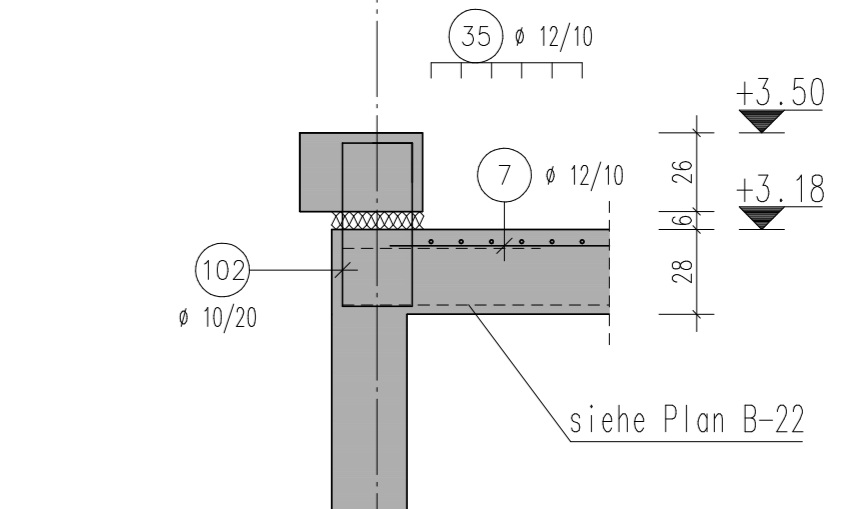
Schnitt 4-4
1:25



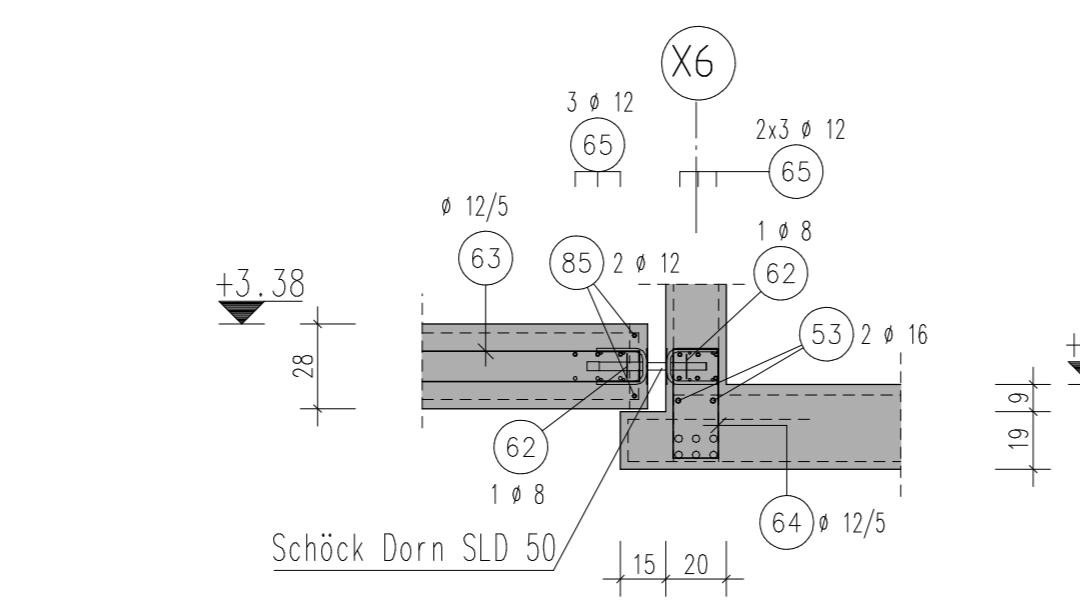
Detail "E"
1:25



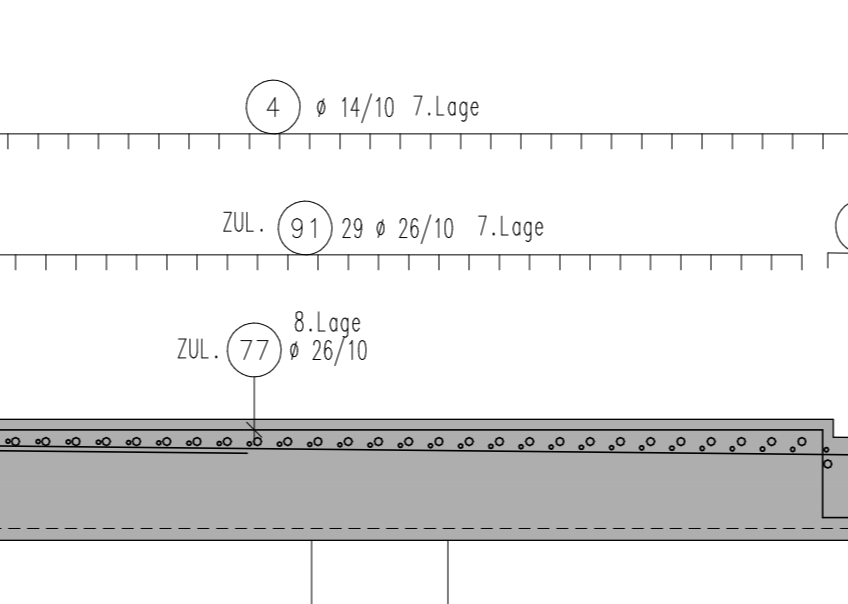
Schnitt 5-5
1:25



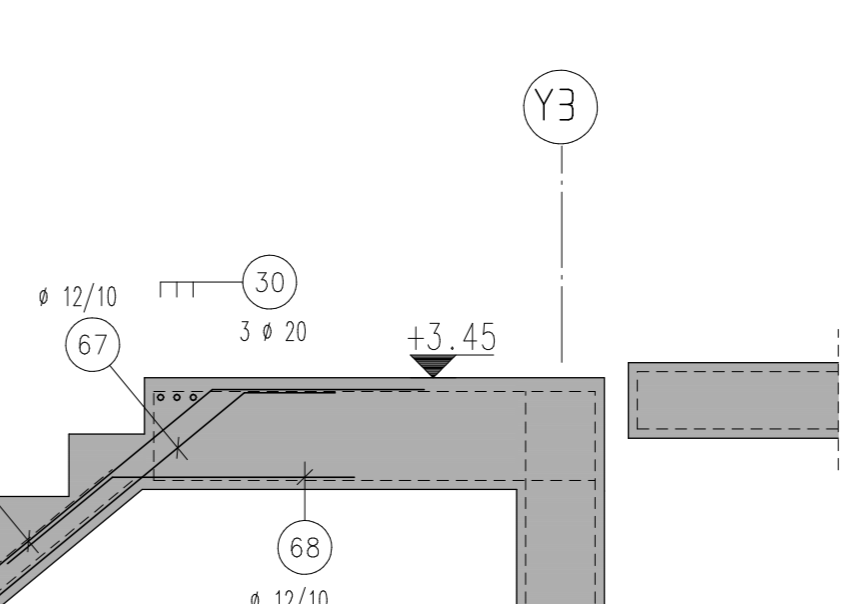
Schnitt 1-1
1:25



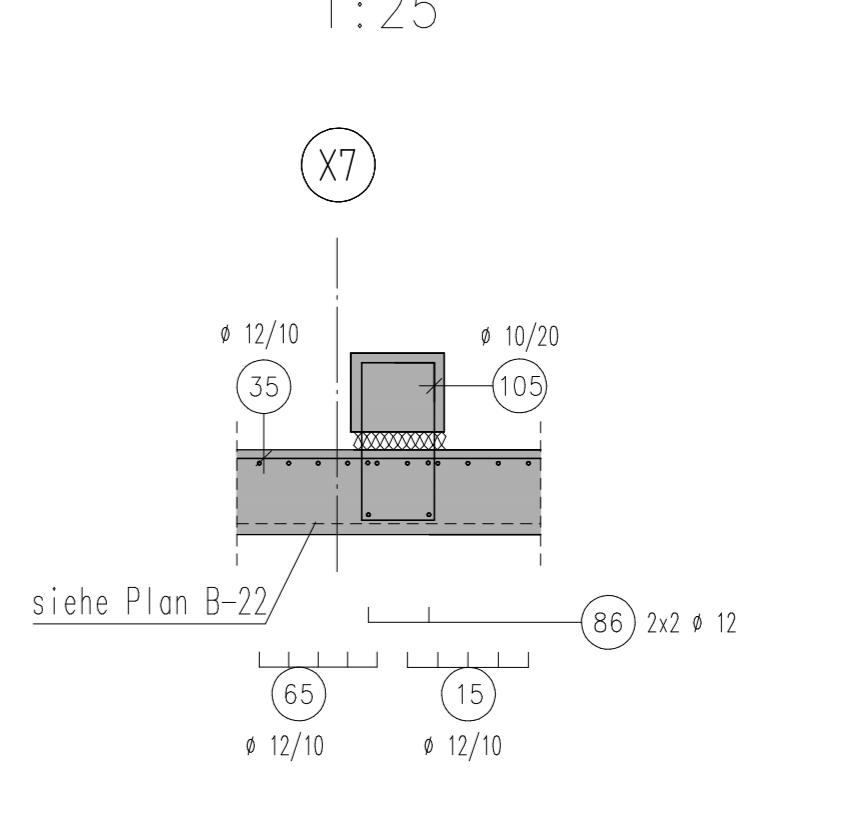
Schnitt 2-2
1:25



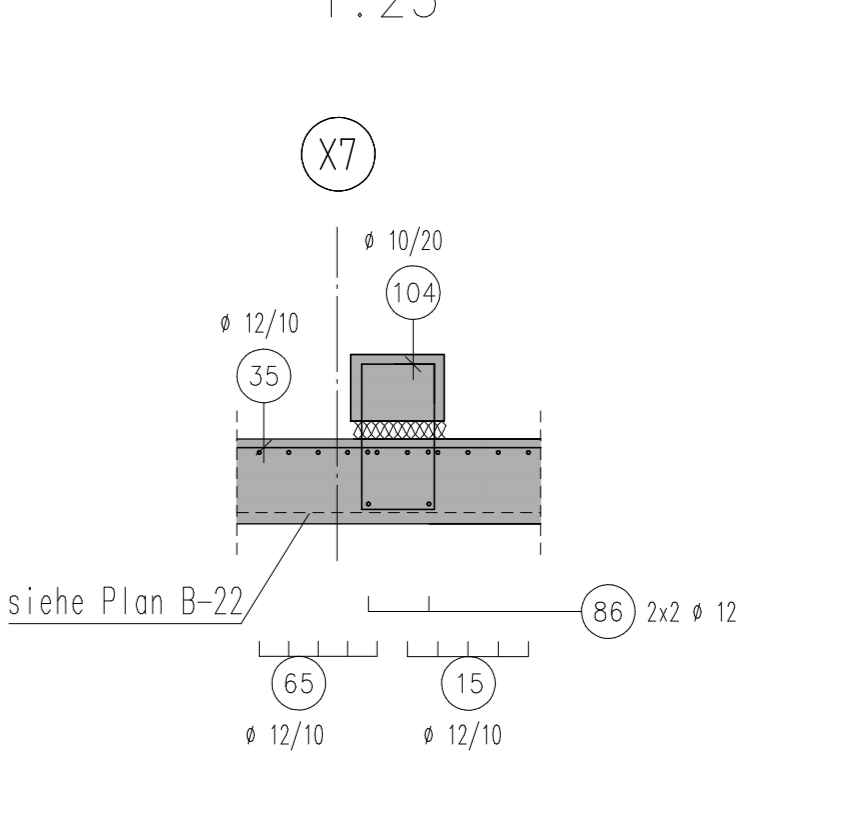
Schnitt 3-3
1:25



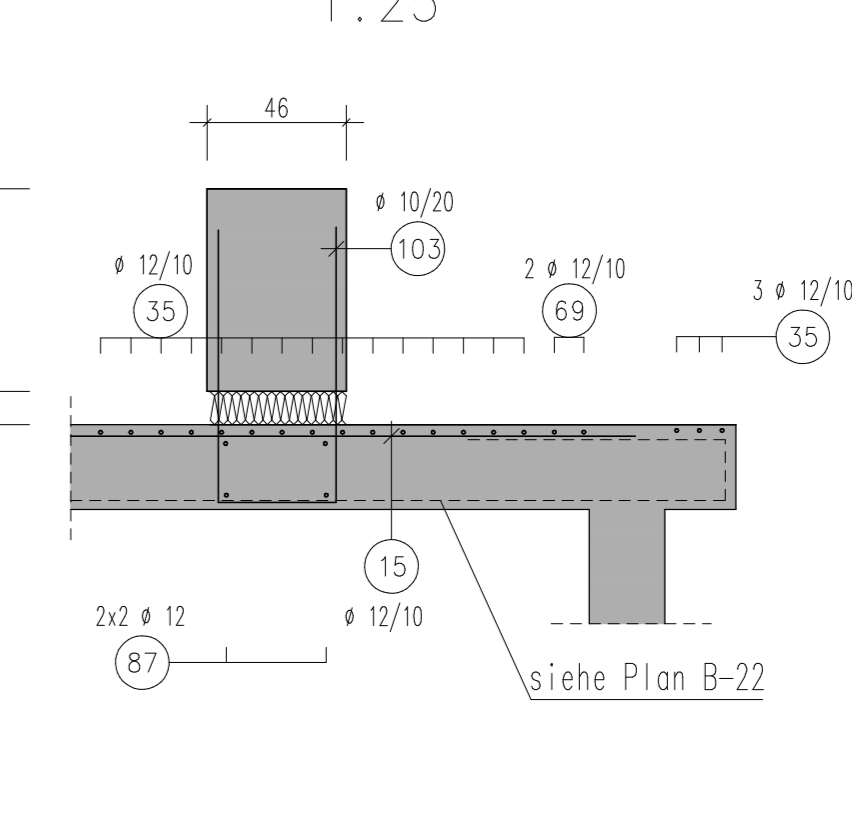
Schnitt 6-6
1:25



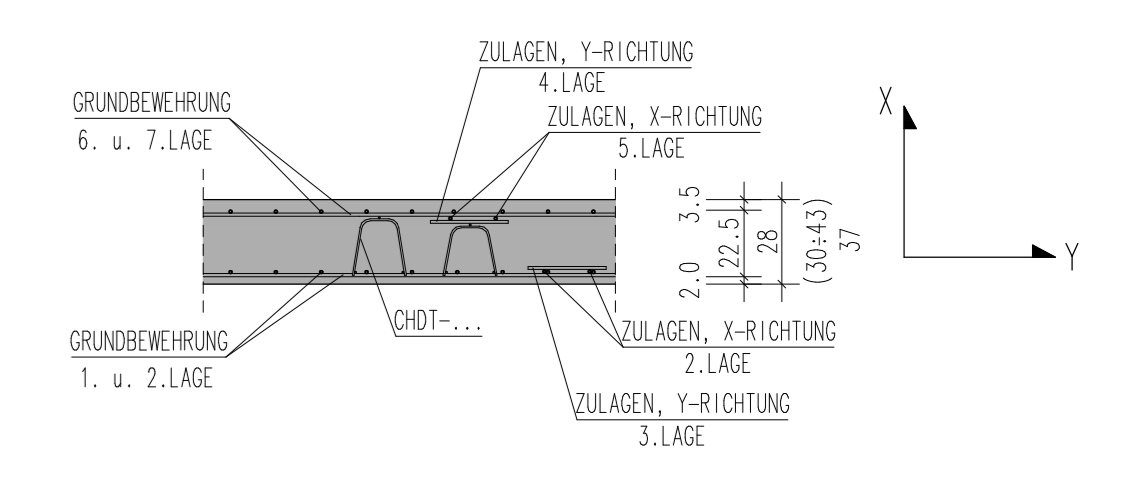
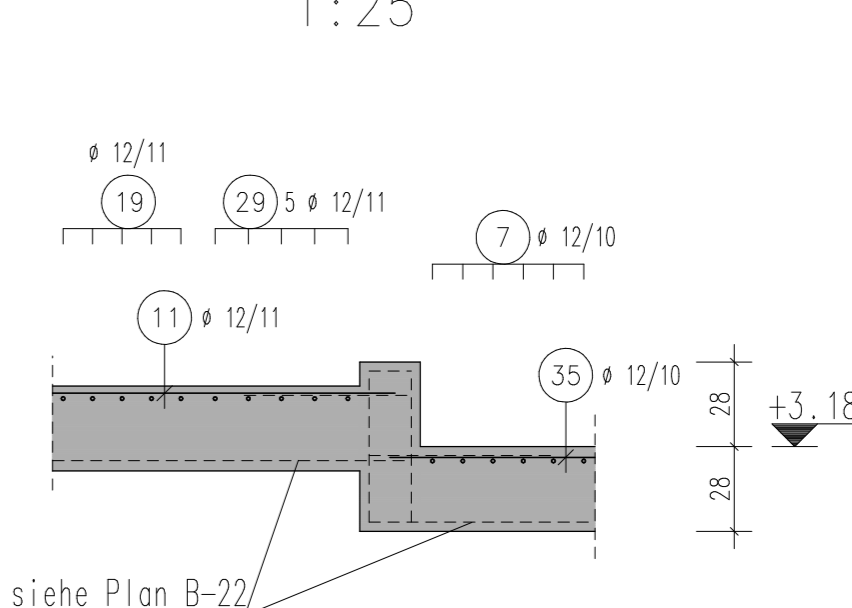
Schnitt 7-7
1:25



Schnitt 8-8
1:25



Schnitt 9-9
1:25



- 45.00 lfdm CHDT-15 für h=25 cm
- 780.00 lfdm CHDT-18 für h=28 cm
- 2.50 lfdm CHDT-26 für h=37 cm
- 35.00 lfdm CHDT-20 für h=30+43 cm
- 35.00 lfdm CHDT-22 für h=30+43 cm
- 27.50 lfdm CHDT-24 für h=30+43 cm
- 30.00 lfdm CHDT-28 für h=30+43 cm
- 35.00 lfdm CHDT-26 für h=30+43 cm
- 35.00 lfdm CHDT-30 für h=30+43 cm
- 10.00 lfdm CHDT-32 für h=30+43 cm

8 x Ancoplus DG5-0315
16 x Schöck Dorn SLD 50

Anwendungsbereich	Exp. Klasse (EN)	Klasse des Chloridgehalts	Festigkeitsklasse	Korrosionsklasse	Gebrauchskategorie	Besondere Eigenschaften	Belegart
Deckplatte	C20	Cl 0.4	C 30/37	C3	3	Bevorzugt: lfdm mind. 120 cm mit einer Getrieblänge, Belegmaß C-Messl. Erca: 1200/1200	0300 C 30/37 RC-C
Erdboden-Adressplatte	K3, K1	Cl 0.4	C 30/37	C3	3	Bevorzugt: lfdm mind. 120 cm mit einer Getrieblänge, Belegmaß C-Messl. Erca: 1200/1200	0300 C 30/37 RC-C
Sitzbank-, Adressplatte, Adressplatte	K3, K1	Cl 0.4	C 30/37	C3	3	Frost-tauglich und wasserfest hoch	0303
Adressplatte in SRK	K3, K1	Cl 0.4	C 30/37	C3	3	Mit einer Getrieblänge, Belegmaß C-Messl. Erca: 1200/1200	0300 C 30/37 RC-C
Adressplatte in SRK	K3, K1	Cl 0.4	C 30/37	C3	3		NW C
Innenwand, Stützen, Treppentritt und Podeste in SRK	K1	Cl 0.4	C 30/37	C3	3	Mit einer Getrieblänge, Belegmaß C-Messl. Erca: 1200/1200	0300 C 30/37 RC-C
Innenwand, Stützen, Treppentritt und Podeste in SRK	K1	Cl 0.4	C 30/37	C3	3		NW C
Deckplatte	K1 (a), K2 (a)	Cl 0.4	C 30/37	C3	3		NW C
Innenwand	K1	Cl 0.4	C 30/37	C3	3		NW C
Sperrbetondecke	K1 (a), K2 (a)	Cl 0.4	C 35/45	C3	3		0304

Biegezugspannung SIA 262 (2013) / Kap 5.2.4

Belegart	Bezeichnung der Bewehrung	Exp. / Korrosionsklasse	Korrosionsklasse	Belegart
Decke oben	55mm	X1 C30	C-B	C 30/37 NW C
Decke unten	20mm	X1 C30	C-B	C 30/37 NW C

Zugehörige Stahl-Liste: B-23c-st11, B-23c-st12

Stahlgüte

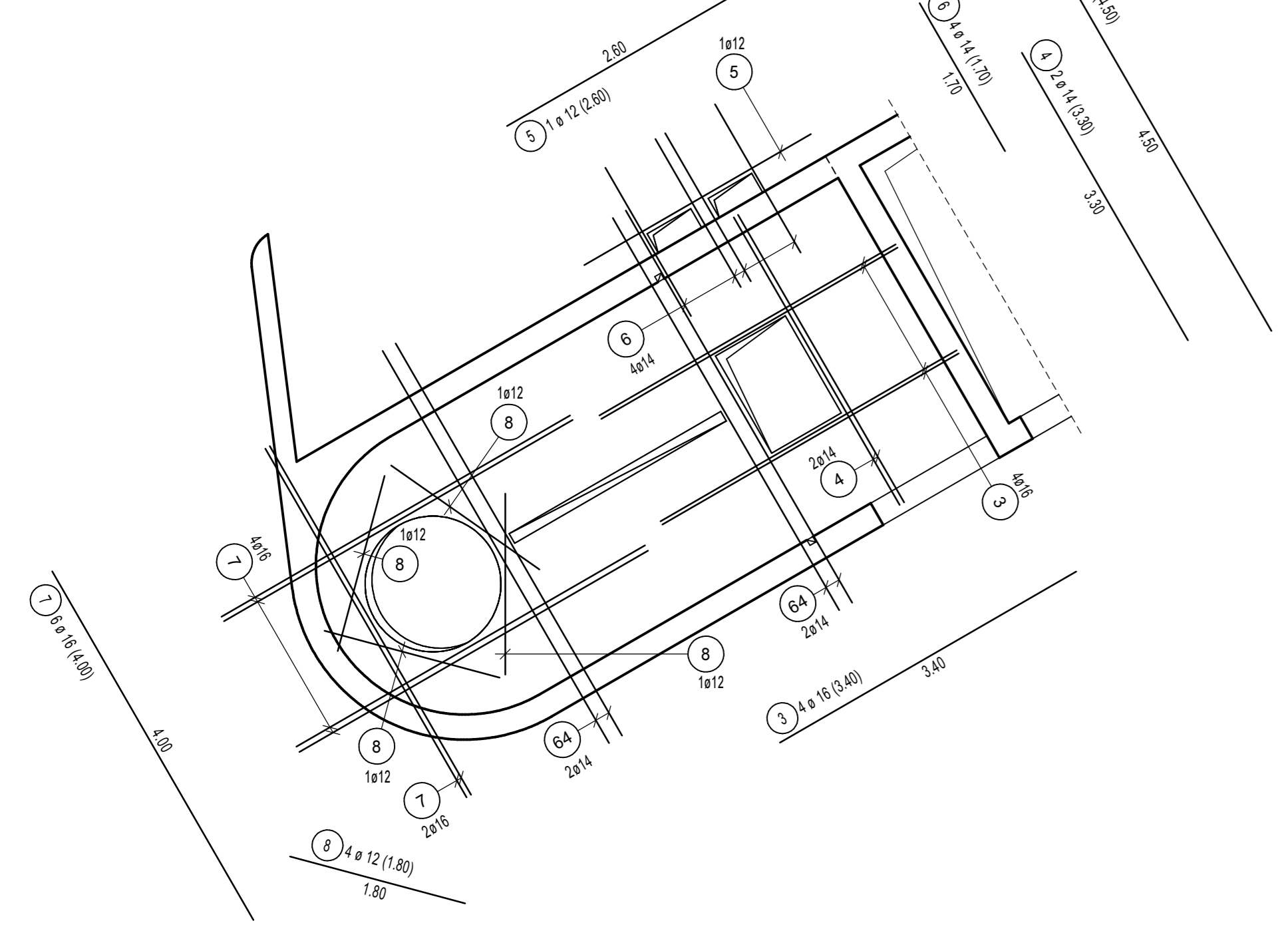
Stahlgüte	Bezeichnung	Belegart
B23c-st11	B23c-st11	gelblich
B23c-st12	B23c-st12	gelblich

Stärke	Abstand	gelblich	gelblich
10	10		
12	12		
14	14		
16	16		
18	18		
20	20		
22	22		
24	24		
26	26		
28	28		
30	30		
32	32		
34	34		
36	36		
38	38		
40	40		
42	42		
44	44		
46	46		
48	48		
50	50		

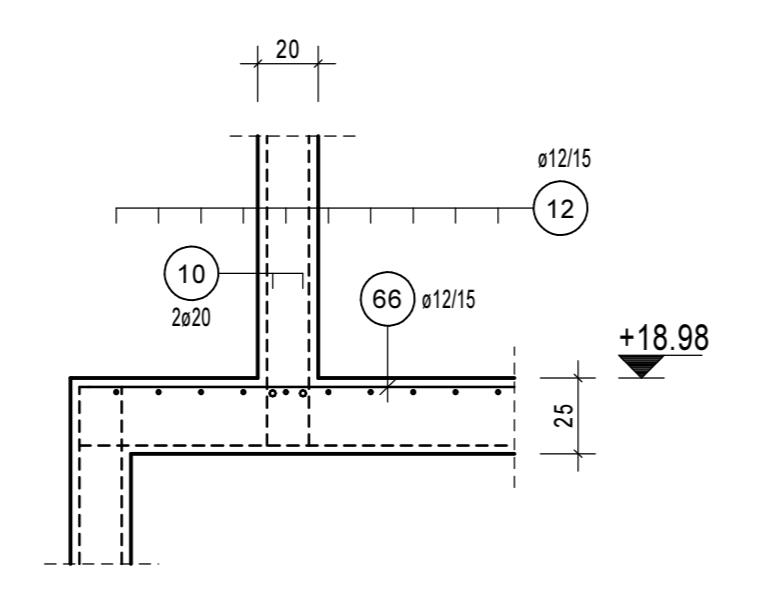
Schalwandbewehrungspläne

Decke: obere Lage in x+y Richtung

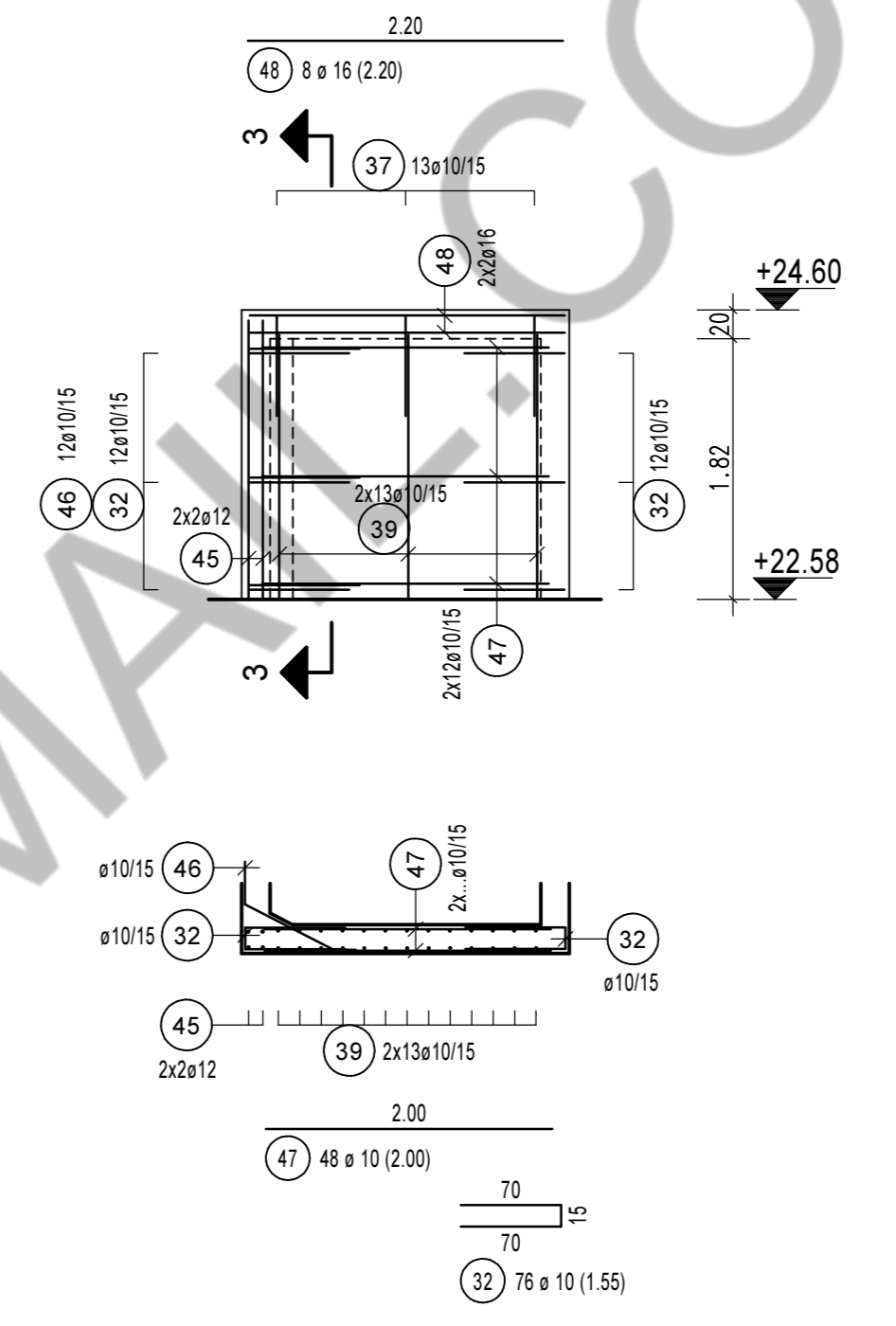
DETAIL "A"
1:50



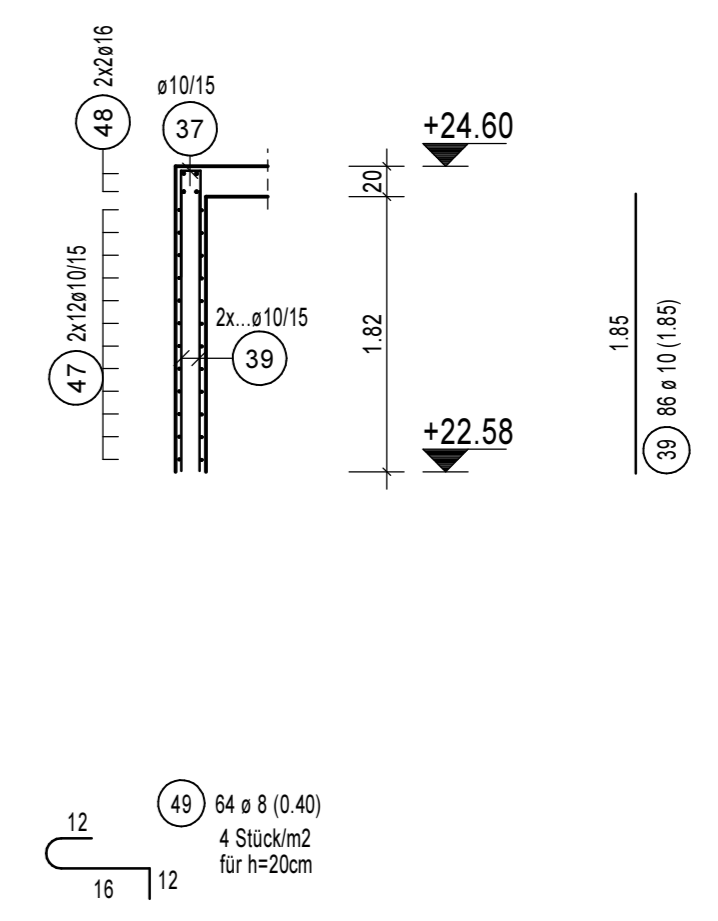
SCHNITT 2-2
1:25



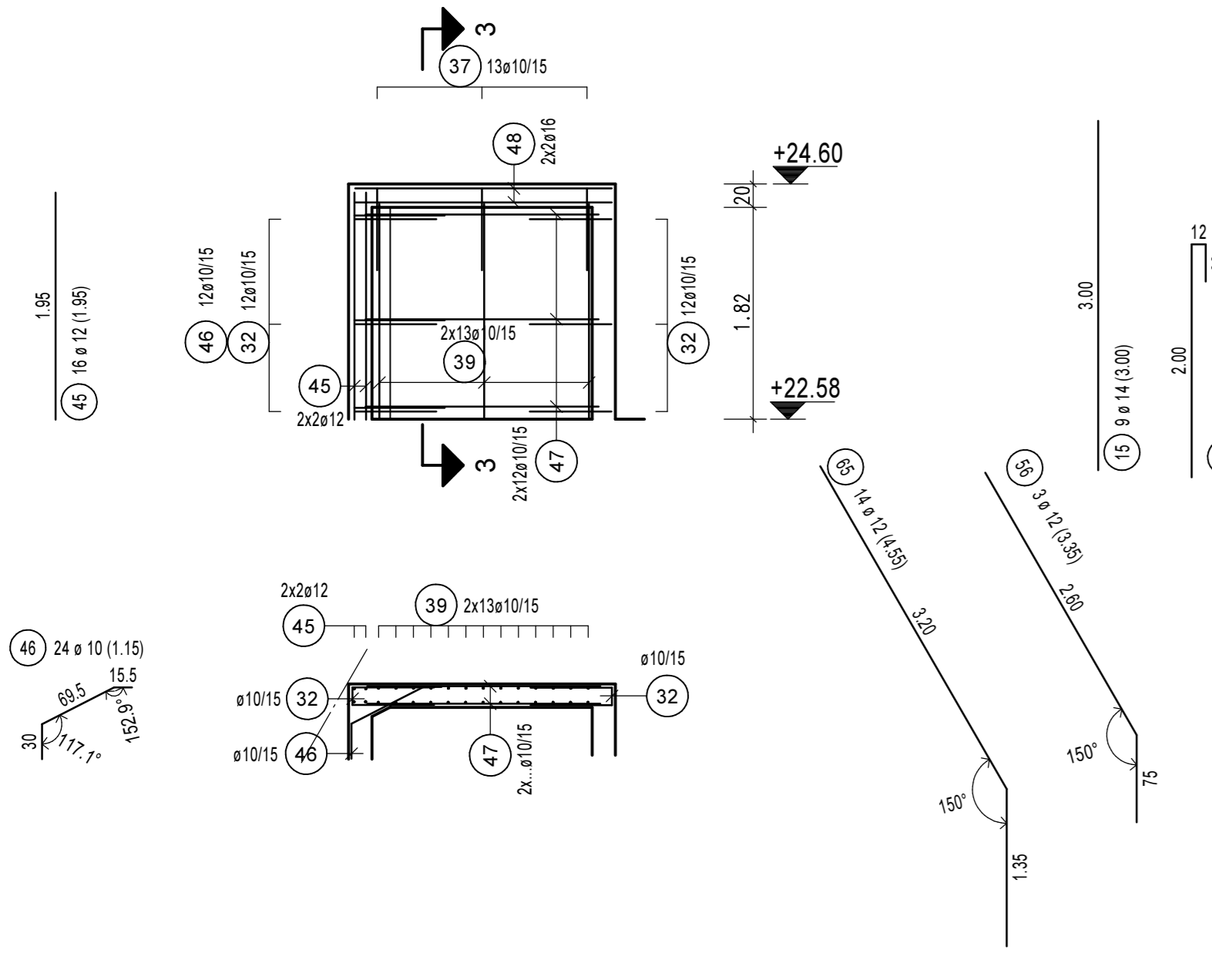
WAND W-III
1:50
h=20cm



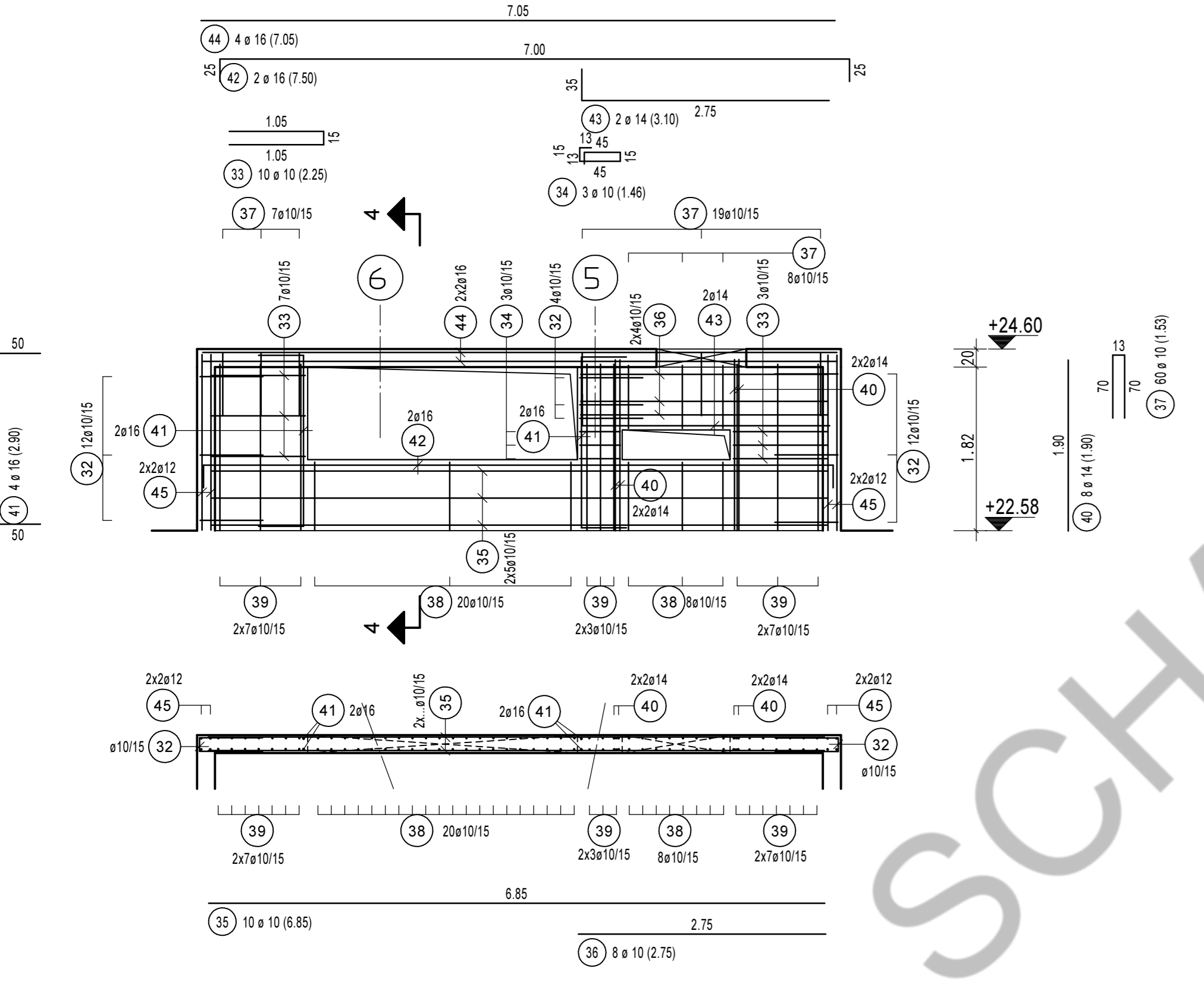
SCHNITT 3-3
1:50



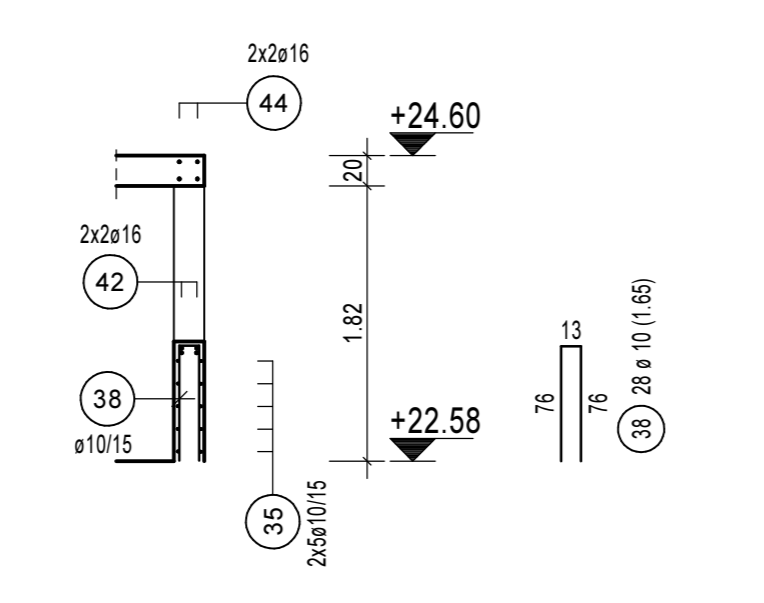
WAND W-II
1:50
h=20cm



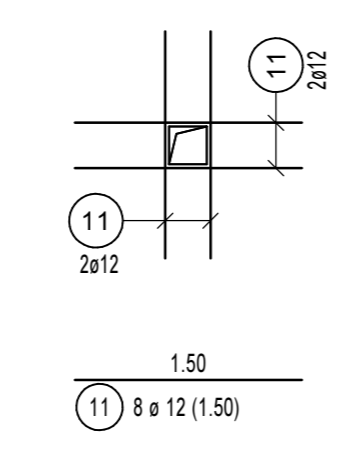
WAND W-I
1:50
h=20cm



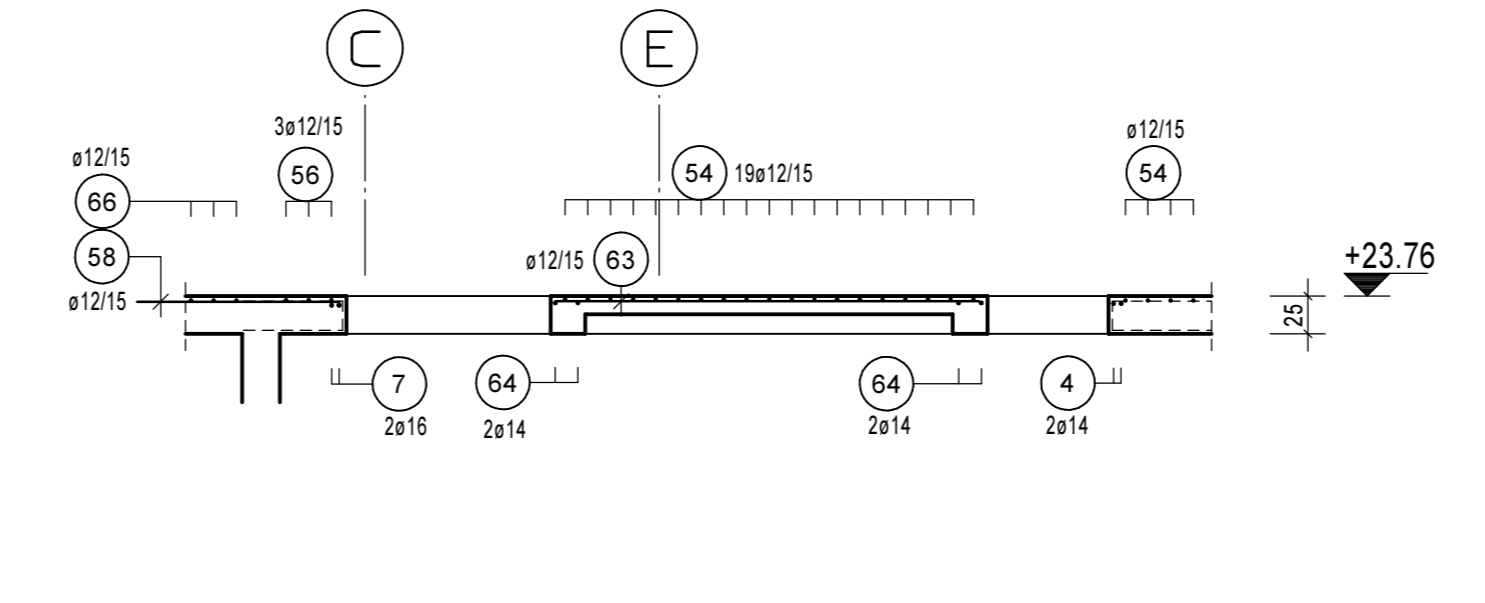
SCHNITT 4-4
1:50



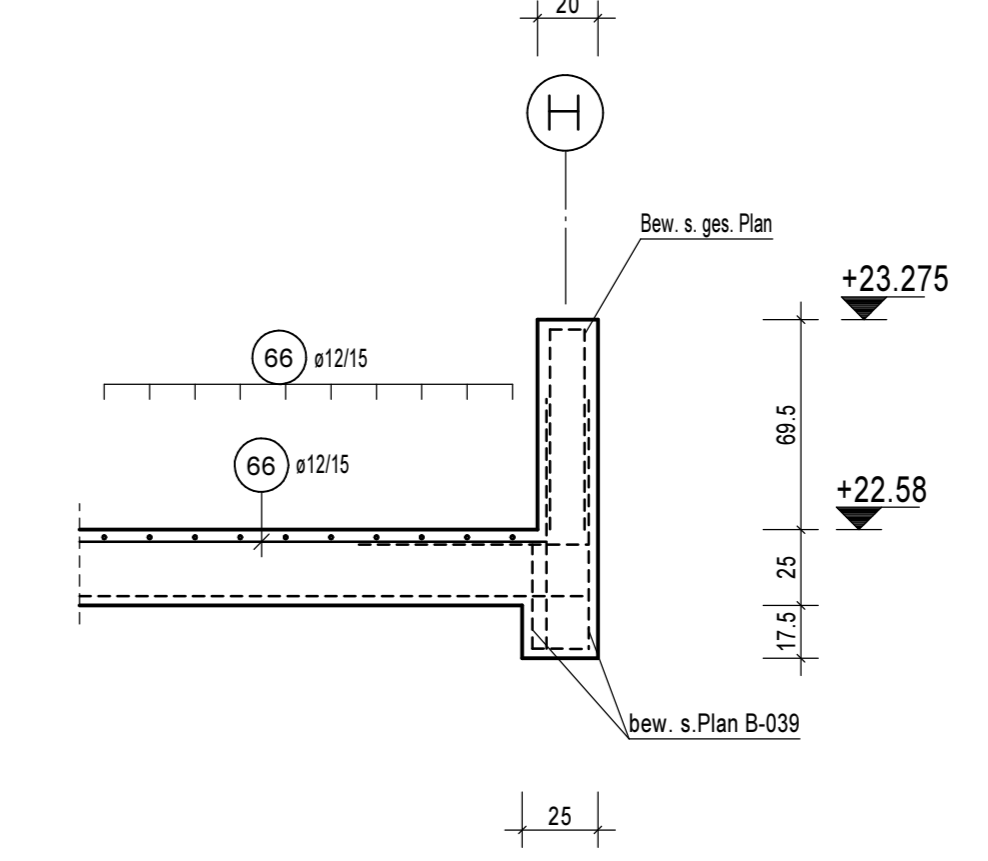
DETAIL "B"
1:50
2xVorh.



SCHNITT 5-5
1:50



SCHNITT 1-1
1:25



für Decke h=20cm
für Grundbew. >16

EINBAUSYSTEM FÜR ABSTANDHALTER
1:25

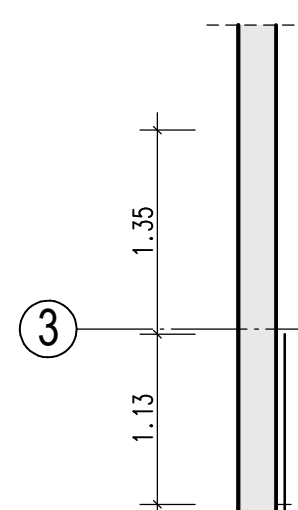
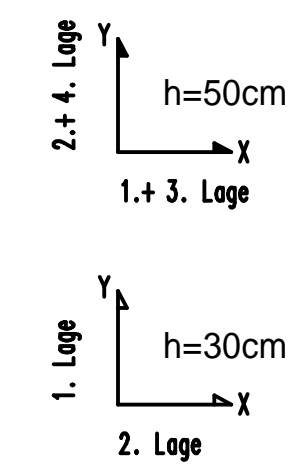
Übergreifende Grundbewehrung:
Decke h=25cm:
unten $\phi 12$, $l_s=55$ cm
oben $\phi 12$, $l_s=55$ cm

SCHALUNDENBEWEHRUNG

DECKE ÜBER TIEFGARAGE BA1 - OBERE LAGE

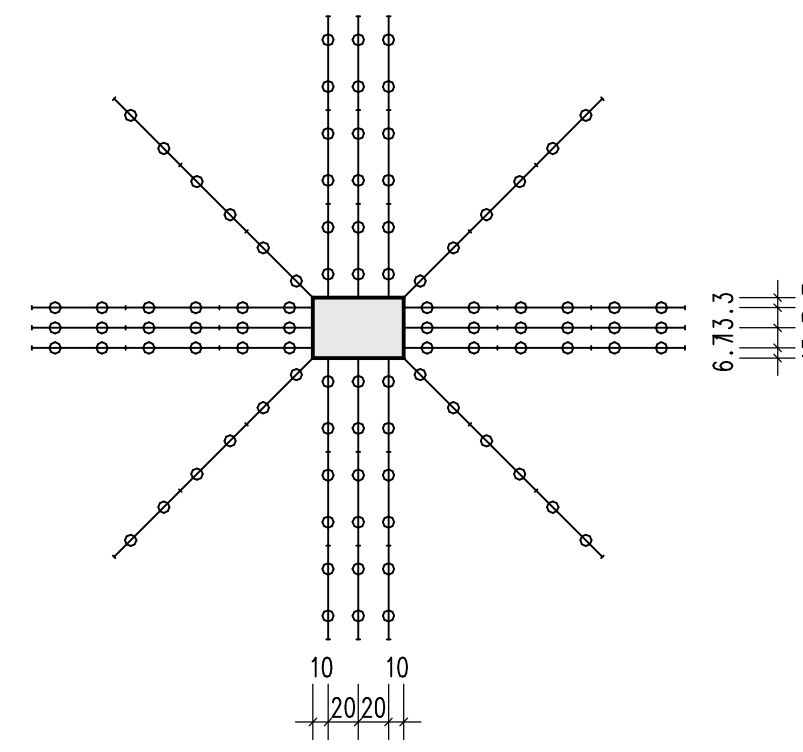
M 1:50
 h=50cm
 C40/50
 Cnom. oben = 4.5cm
 Cnom. unten = 4.0cm
 XC3, XF1, WF

h=30cm
 C35/45
 Cnom. oben = 3.5cm
 Cnom. unten = 3.5cm
 XC3, XF1, WF



Detail "A"

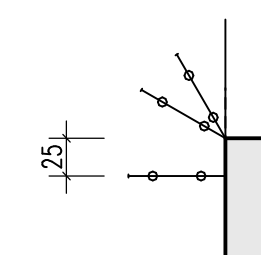
M 1:50 6xVORH.



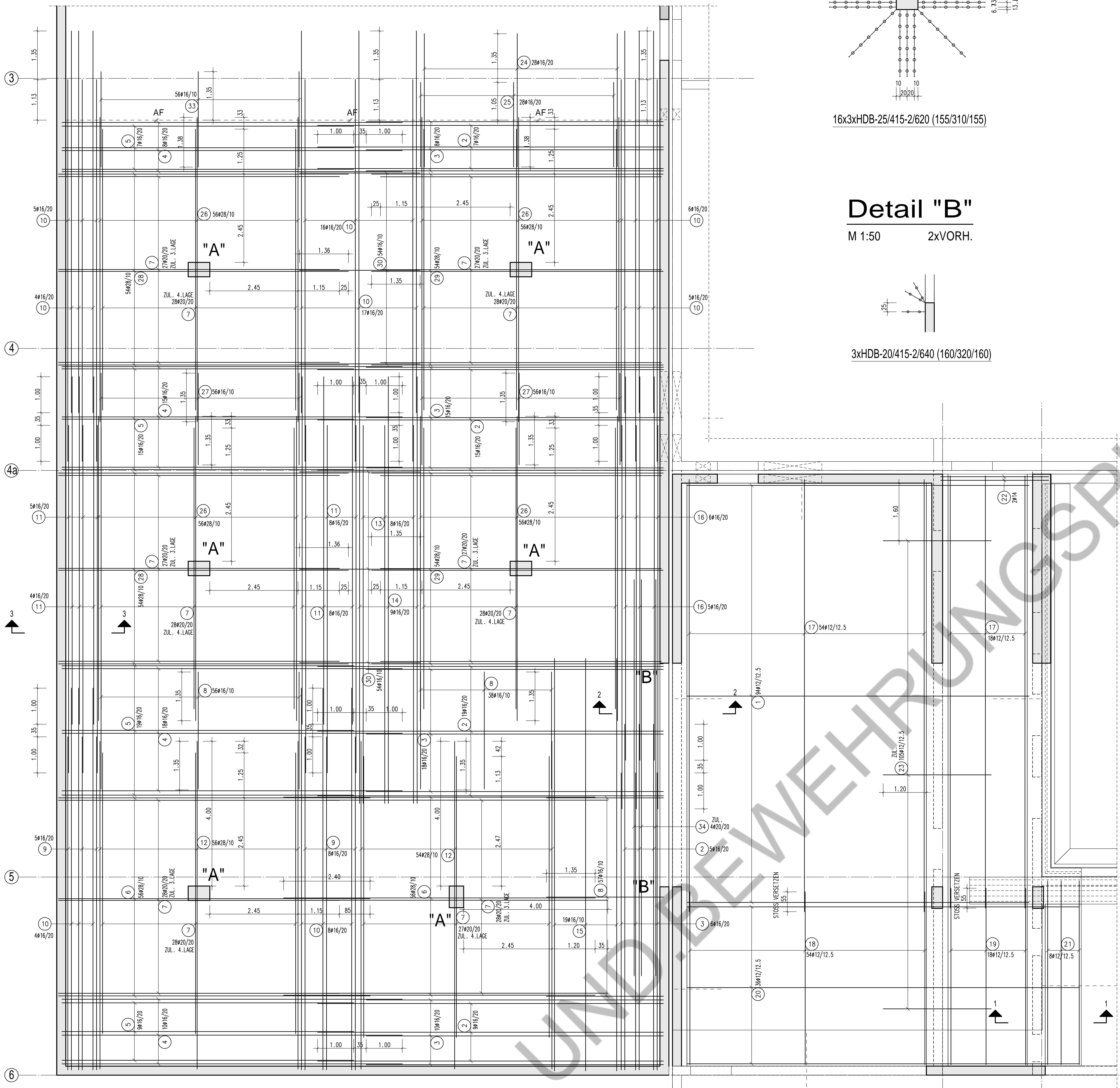
16x3xHDB-25/415-2/620 (155/310/155)

Detail "B"

M 1:50 2xVORH.

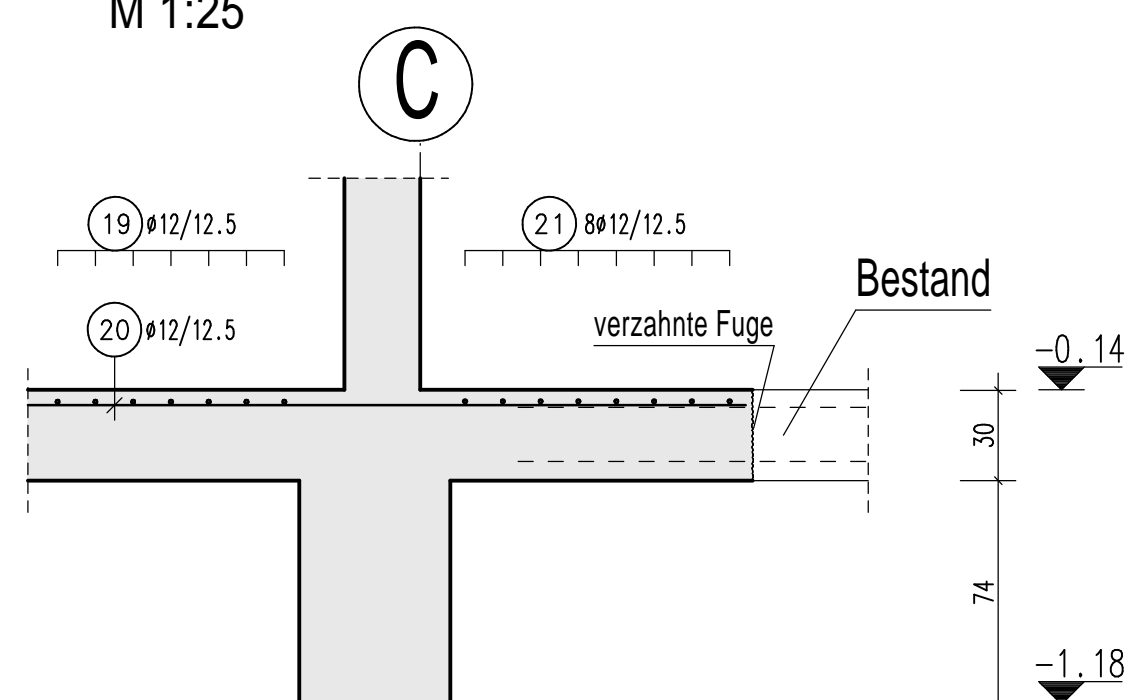


3xHDB-20/415-2/640 (160/320/160)



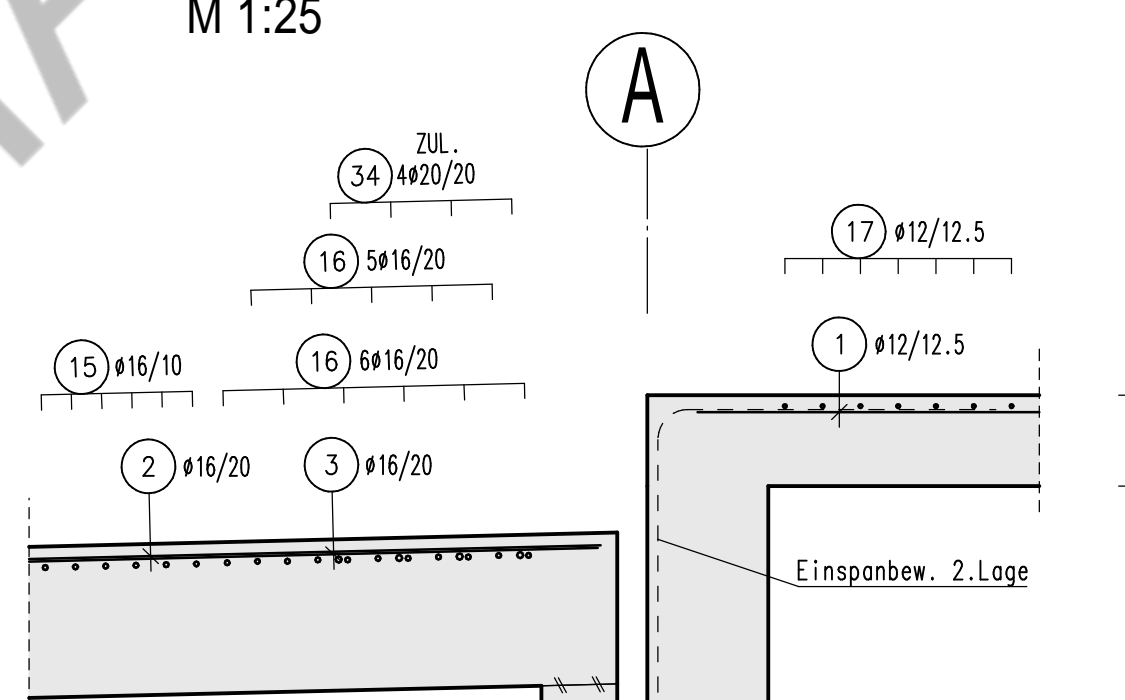
Schnitt 1-1

M 1:25



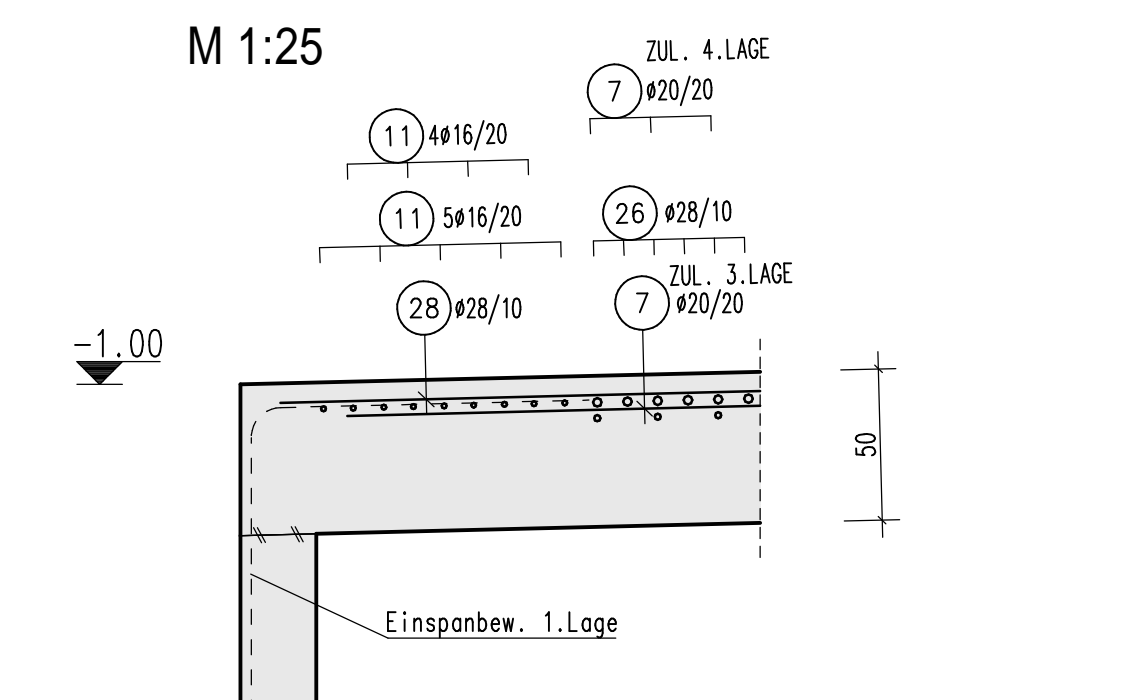
Schnitt 2-2

M 1:25



Schnitt 3-3

M 1:25



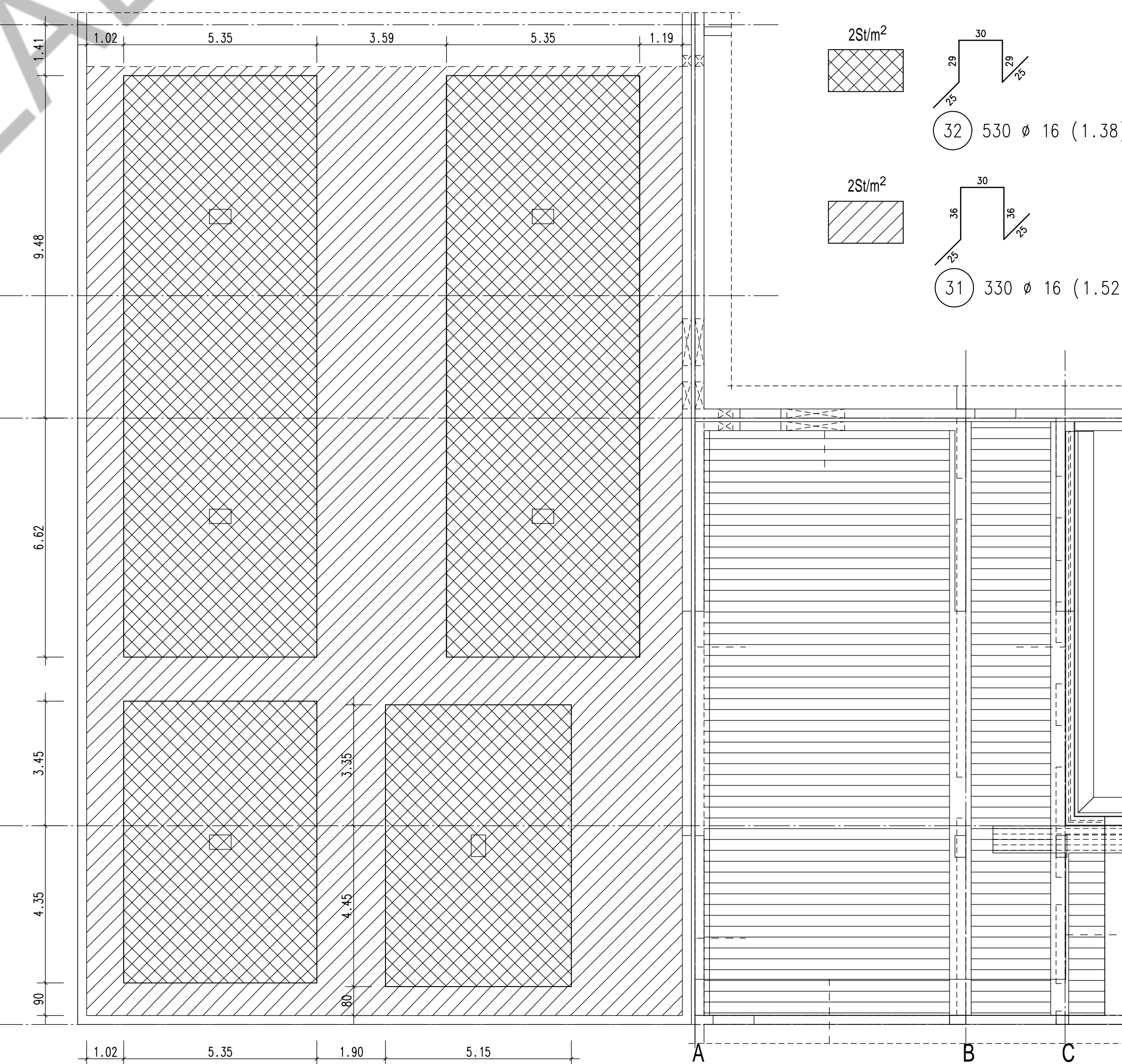
POS.	STÜCK	a (mm)	SCHNITTLÄNGE (m)	GEWICHT (kg)	GESAMTLÄNGE (m)
1	94	12	9,500	8,436	893,000
2	55	16	9,600	15,168	528,000
3	57	16	8,250	13,035	470,250
4	81	16	9,450	14,931	481,950
5	50	16	8,100	12,798	405,000
6	112	28	9,800	41,760	988,800
7	331	20	7,800	19,260	2,581,800
8	151	16	3,250	5,135	490,750
9	13	16	9,250	14,615	120,250
10	65	16	10,600	16,748	689,000
11	25	16	9,850	15,247	241,250
12	110	28	9,100	43,953	1,001,000
13	8	16	10,500	16,590	84,000
14	9	16	11,850	18,723	106,650
15	19	16	11,450	18,091	217,550
16	11	16	10,650	16,827	117,150
17	72	12	12,000	10,656	864,000
18	54	12	4,800	4,262	259,200
19	18	12	4,900	4,351	88,200
20	36	12	10,900	9,679	392,400
21	8	12	5,100	4,529	40,800
22	2	14	3,000	3,630	6,000
23	105	12	2,804	2,864	315,000
24	28	16	3,700	5,848	103,600
25	28	16	2,350	3,713	85,800
26	224	28	8,450	40,814	1,892,800
27	112	16	2,850	4,029	285,600
28	108	28	8,050	38,862	869,400
29	108	28	8,100	39,123	874,800
30	108	16	3,350	5,293	361,800
31	530	16	1,520	2,402	591,600
32	530	16	1,380	2,180	731,400
33	56	16	2,650	4,167	146,400
34	4	20	11,000	27,170	44,000

GESAMTMENGE (BETONSTAHL B 500A) (mm)	(kg/m)	(m)	(kg)
12	0,888	2,852,600	2,533,109
14	1,210	6,000	7,260
16	1,580	6,150,000	9,717,000
20	2,470	2,629,800	6,485,726
28	4,830	5,606,800	27,080,844

GESAMTGEWICHT 45.823,939

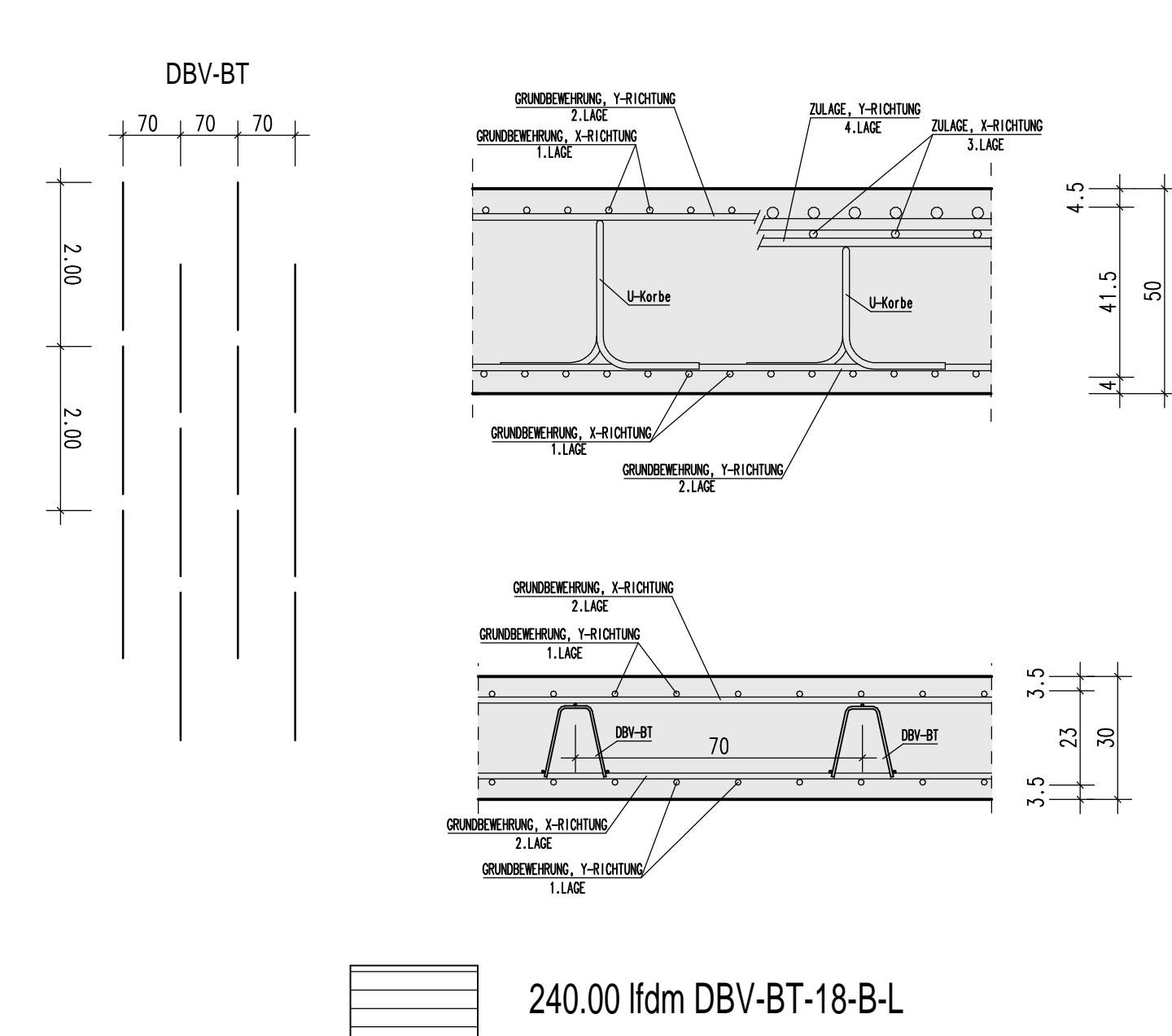
ABSTANDHALTER

M 1:100



EINBAUSYSTEM

1:15

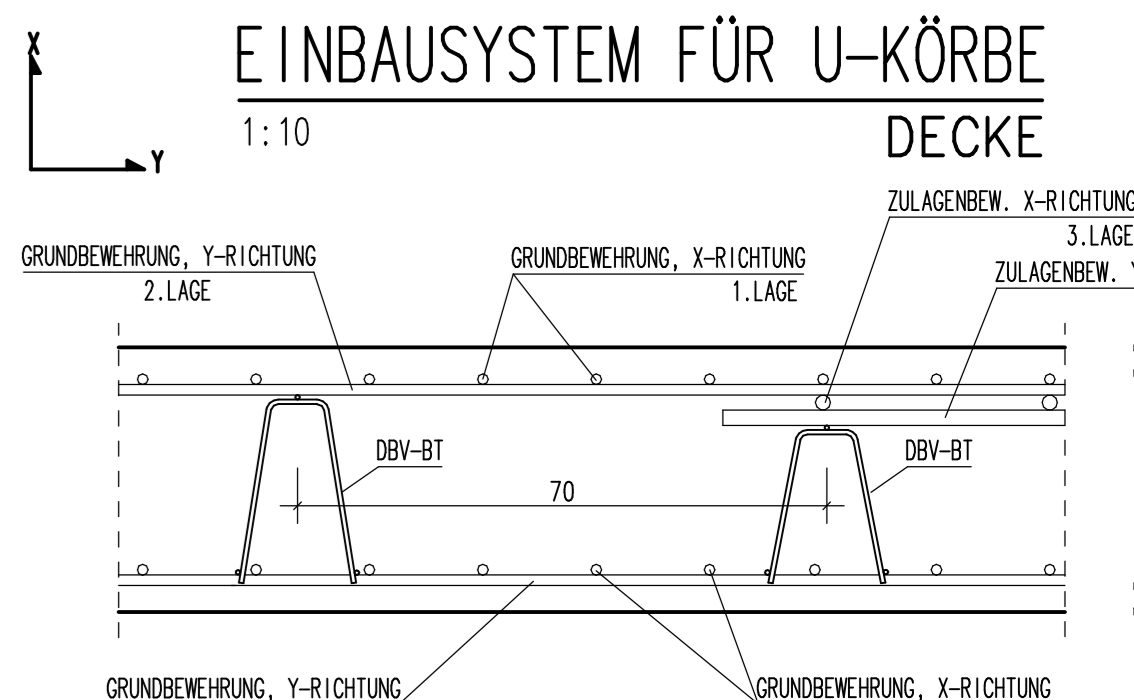
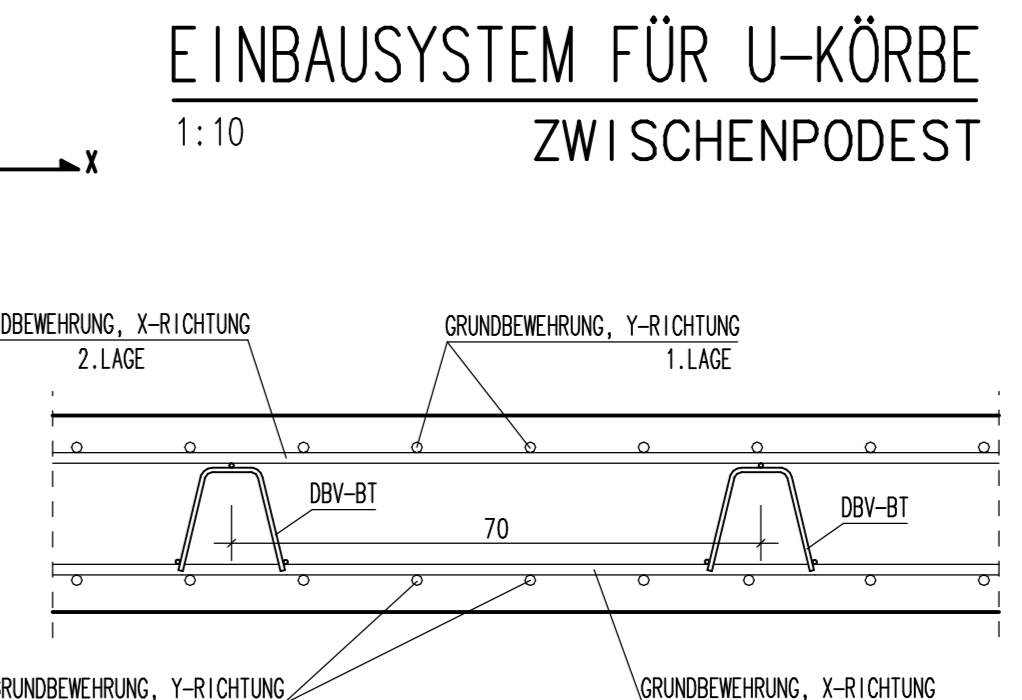
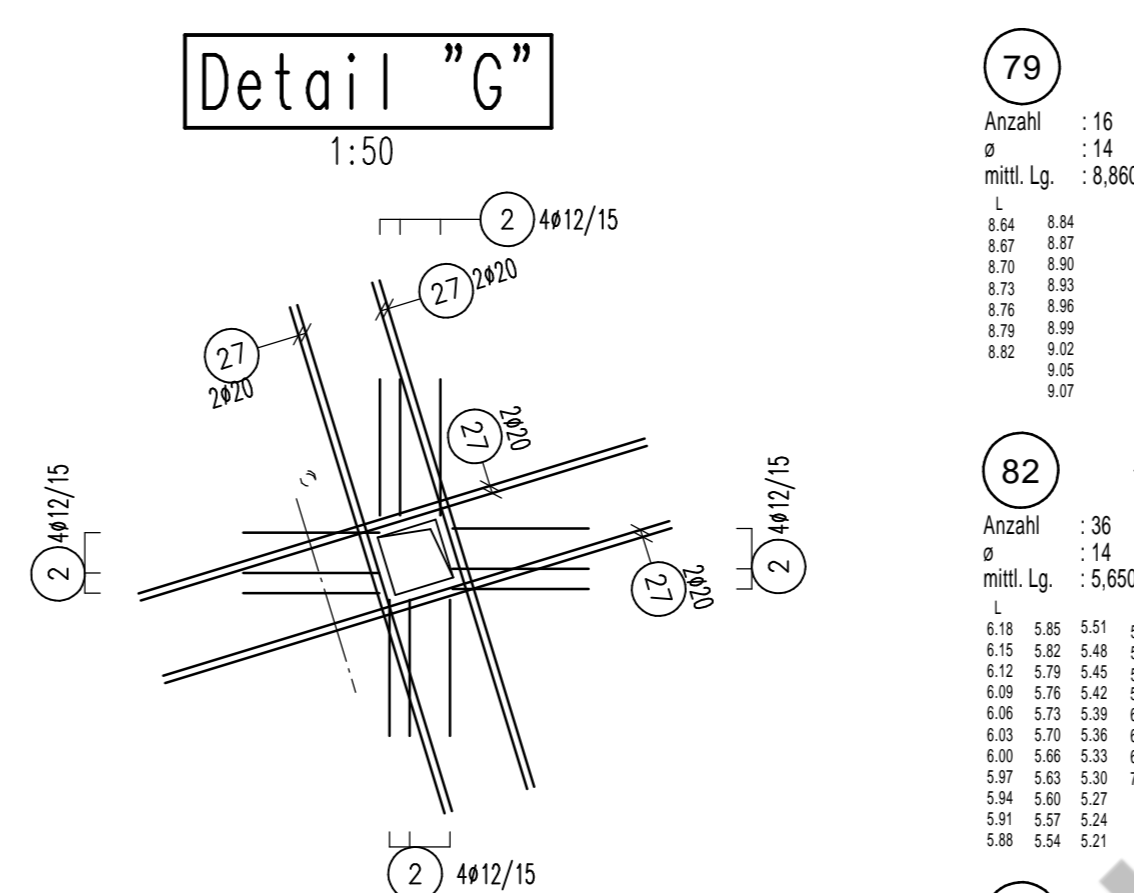
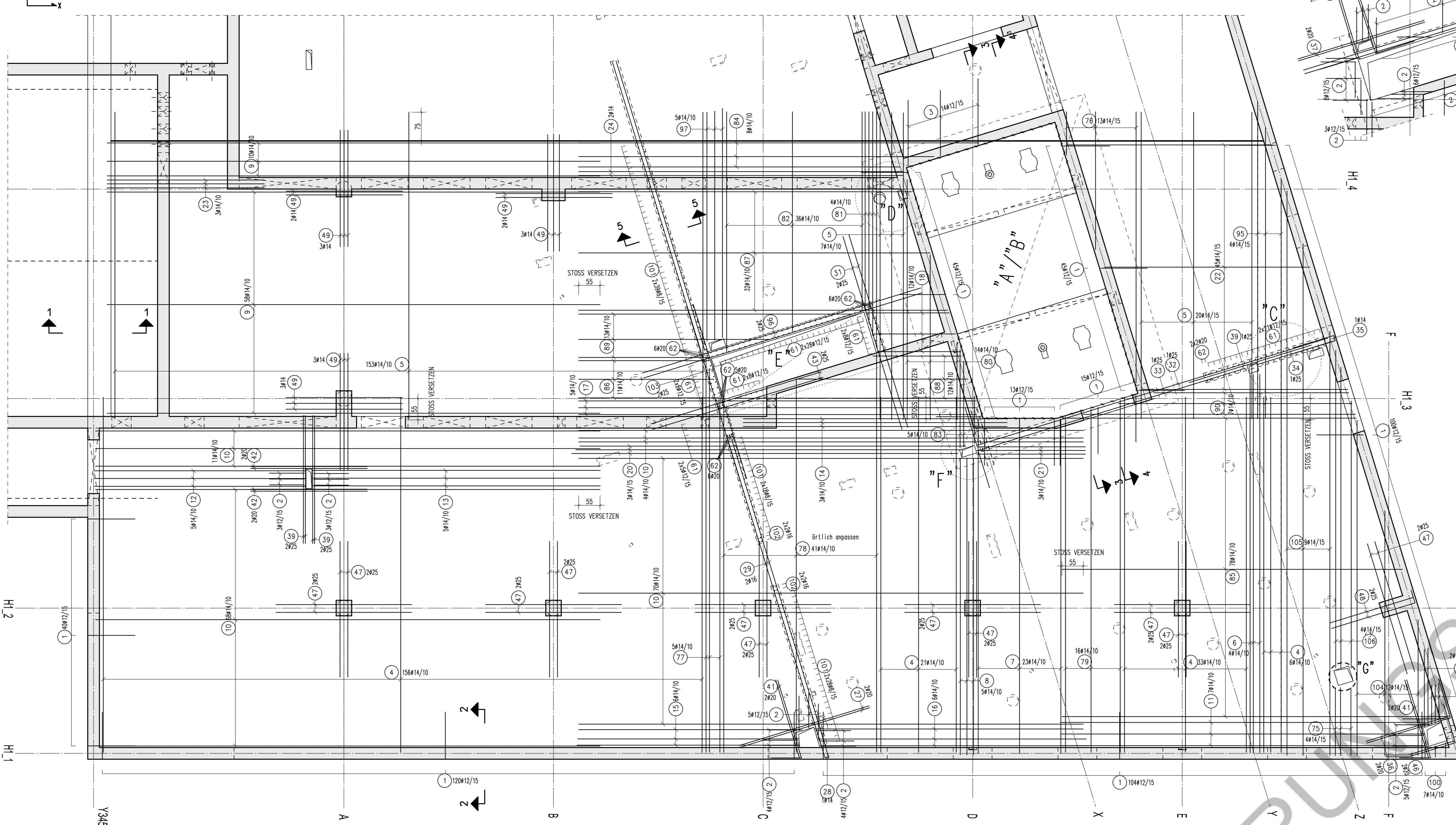


Legende

Mindestwerte der Biegeerdurchmesser D_{min} (gem. DIN EN 1992-1-1, Tab.8.1.10)

verf.	vertikal	Stabdurchmesser ϕ	Min. Winkelstahl
hor	horizontal	< 20 mm	Stabdurchm. ϕ_{min}
a	außen	< 20 mm	1 ϕ
i	innen	< 20 mm	1 ϕ
o	oben	> 20 mm und > 7 ϕ	2 ϕ
u	unten	> 20 mm und > 7 ϕ	2 ϕ
b	balkenparallel	> 100 mm und > 3 ϕ	10 ϕ
l	lotrecht	> 100 mm und > 3 ϕ	10 ϕ
ver	vertikal	> 50 mm oder > 3 ϕ	10 ϕ
ver	vertikal	> 50 mm oder > 3 ϕ	20 ϕ

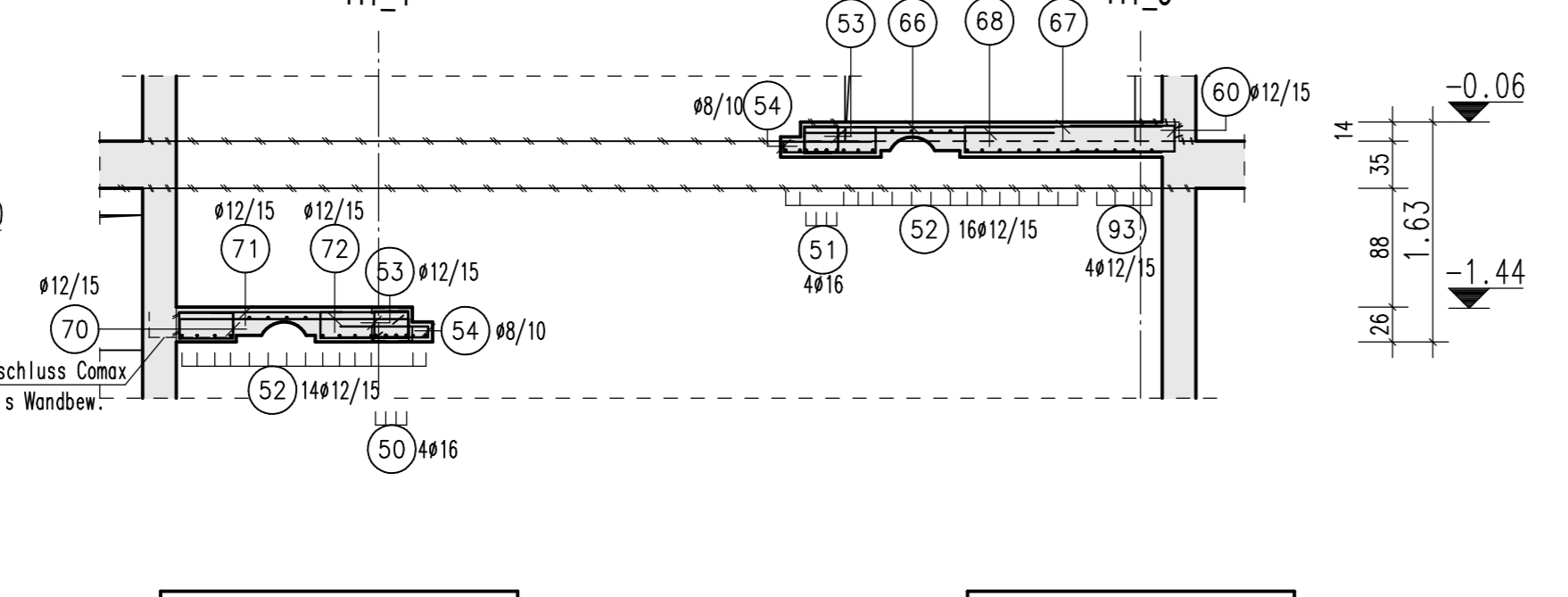
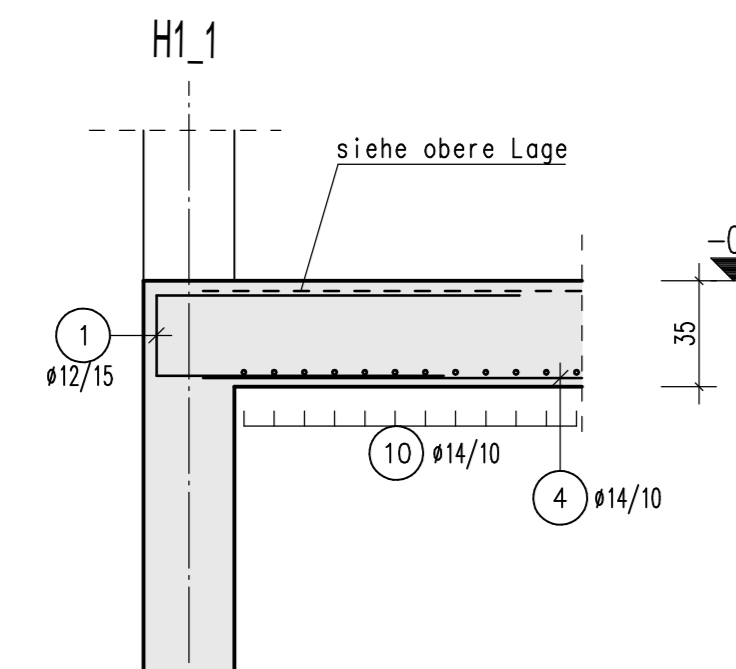
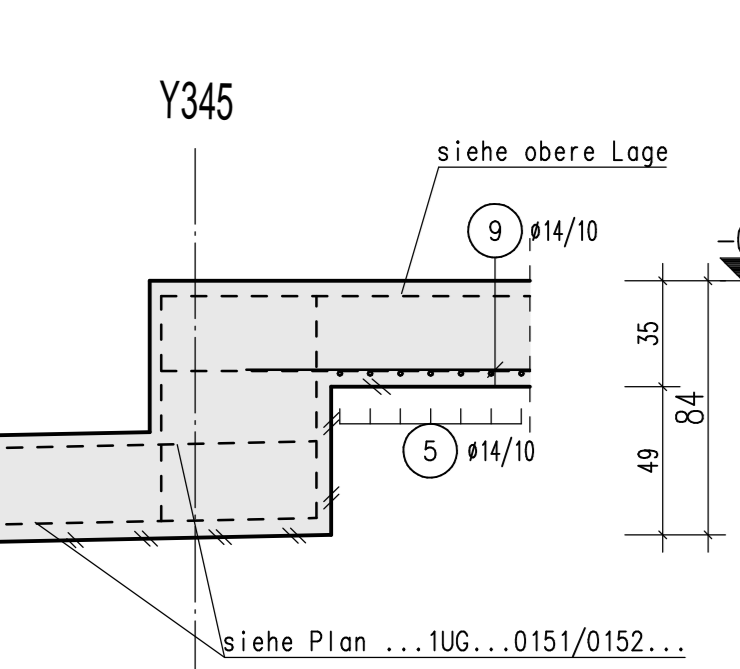
Decke über Untergeschoss – BA.2
1:50
UNTERE LAGE



Schnitt 1-1
1:25

Schnitt 2-2
1:25

Schnitt 4-4
1:50



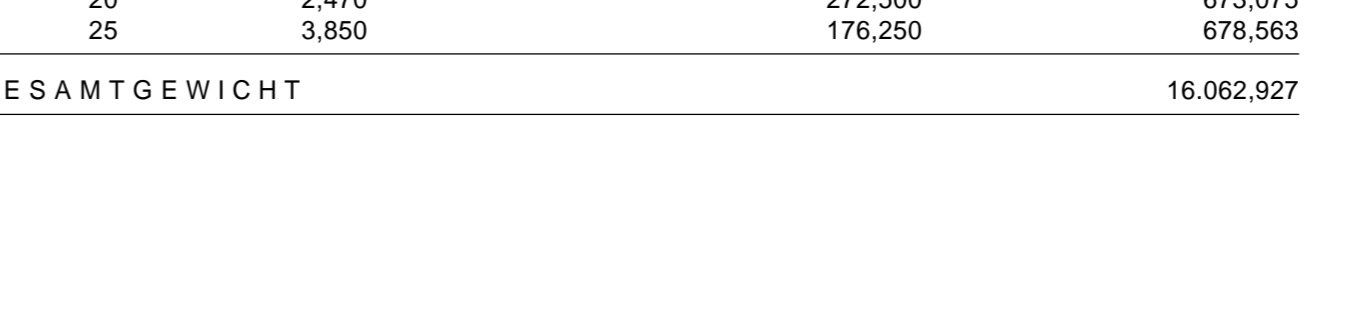
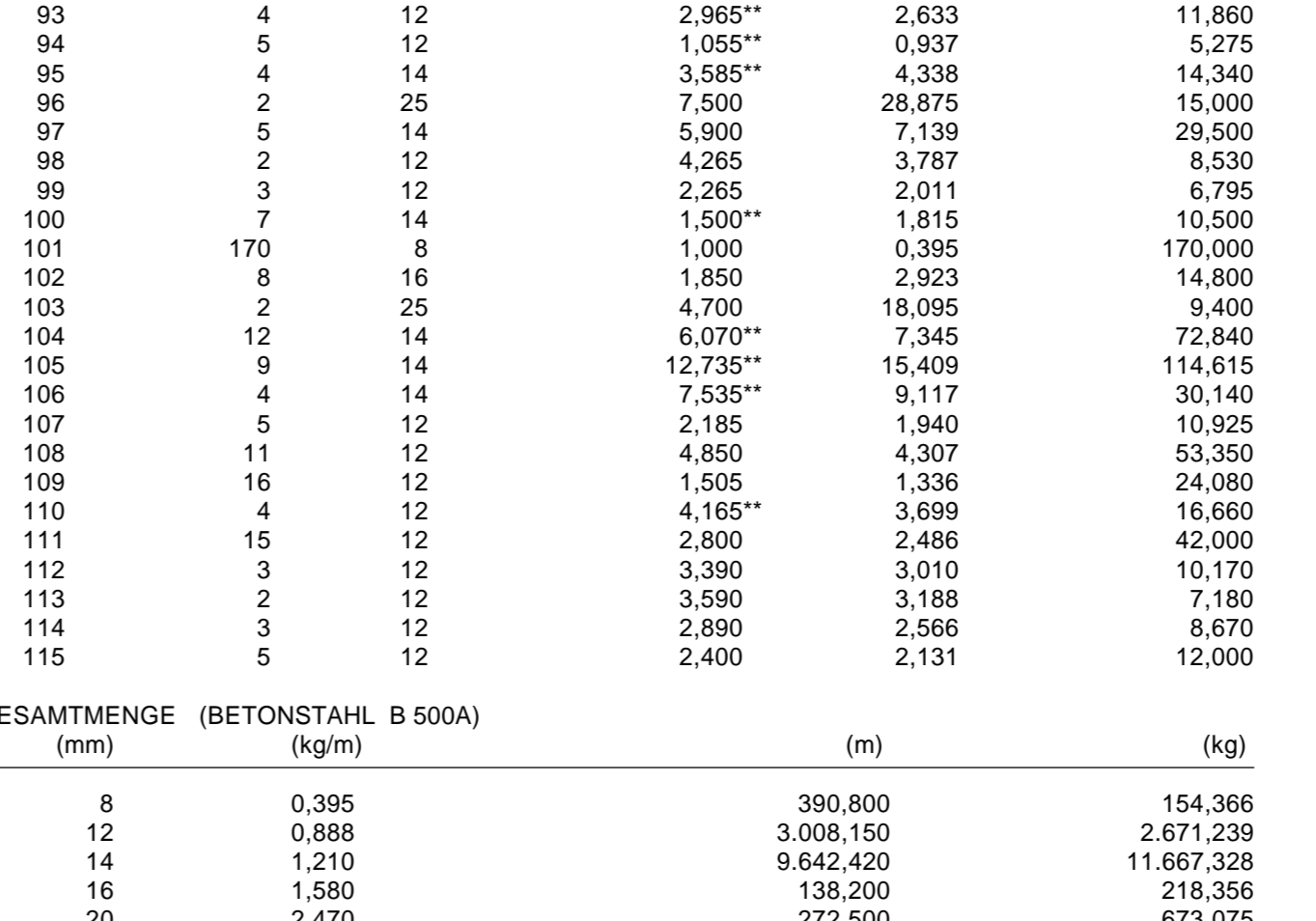
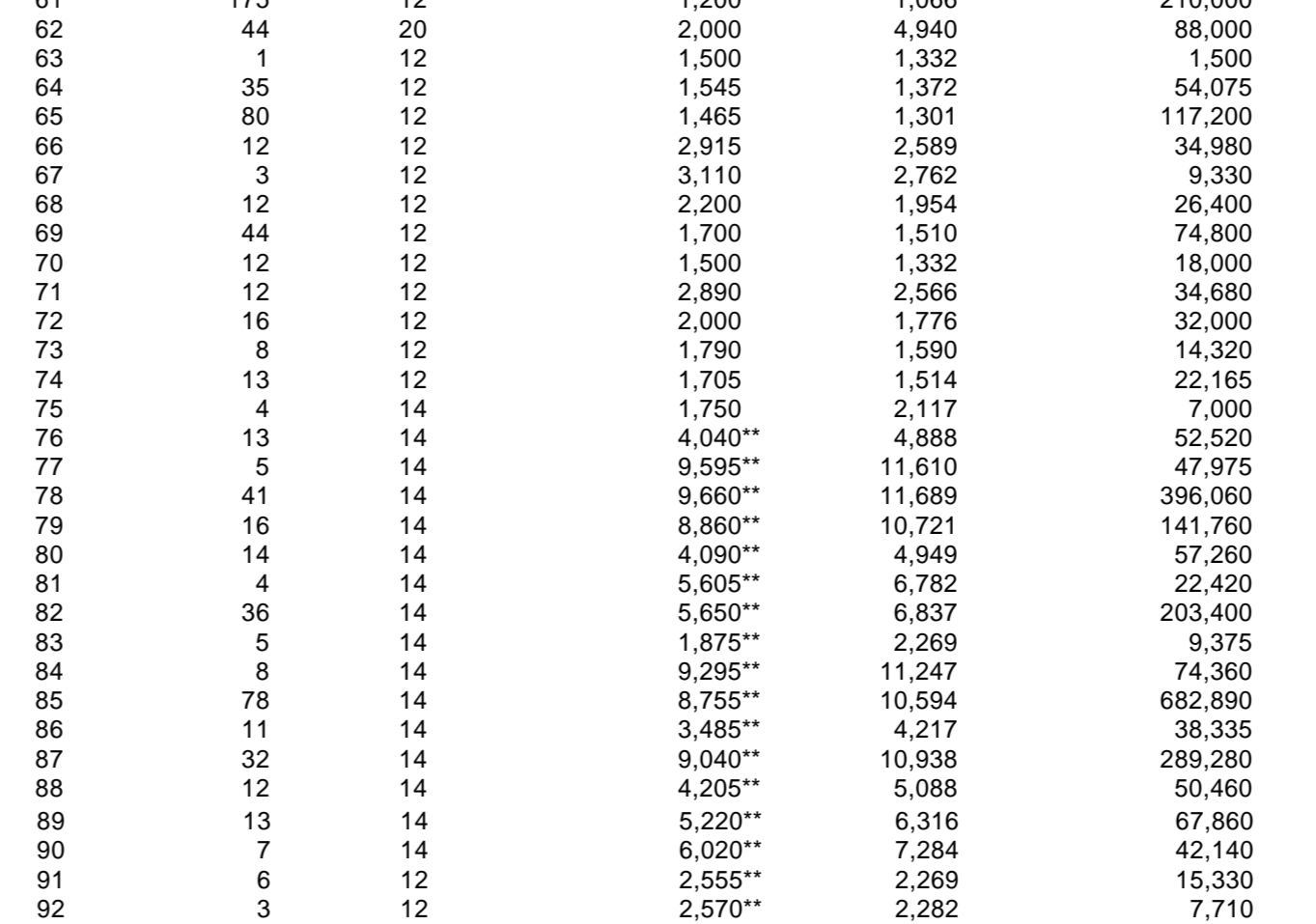
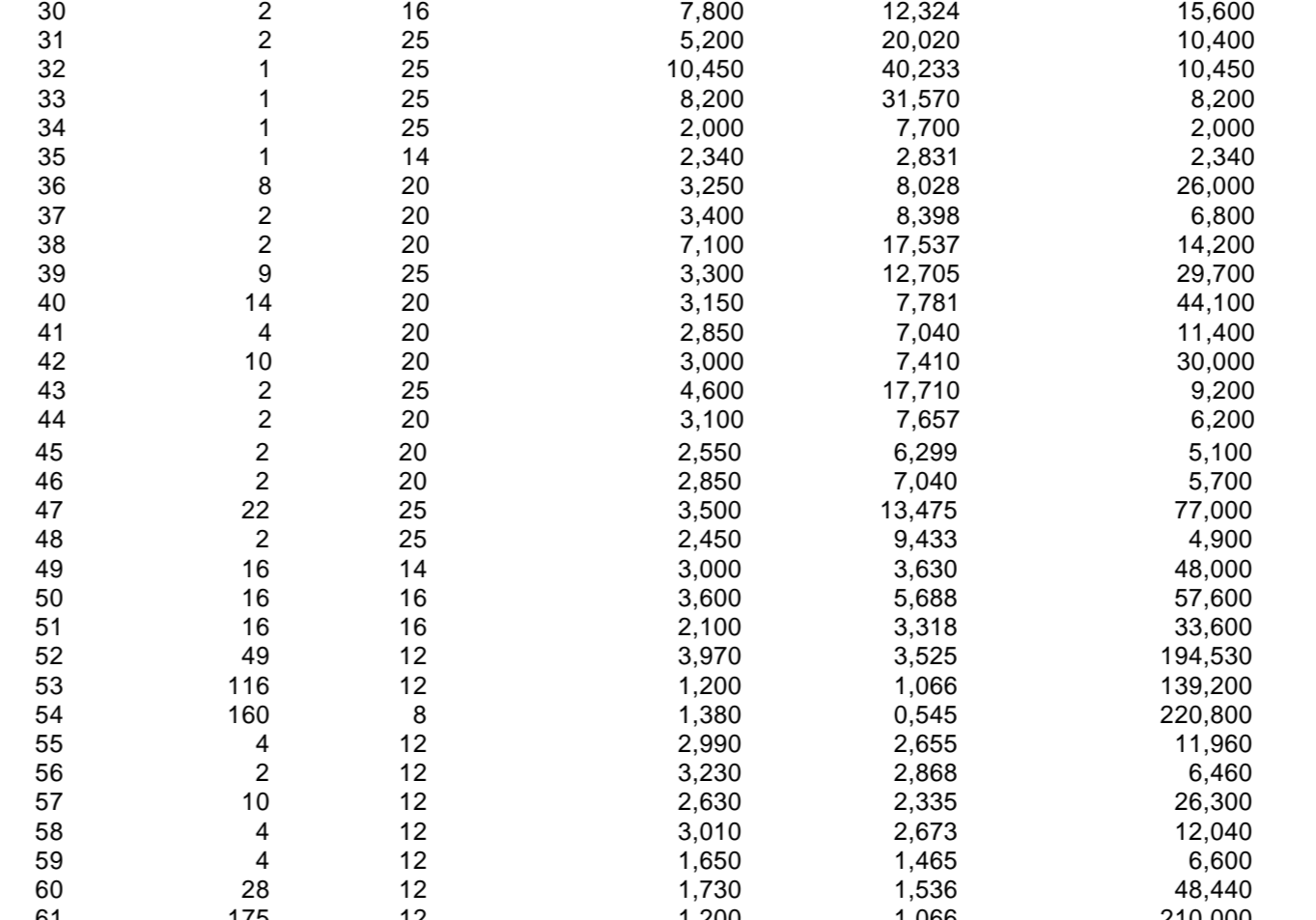
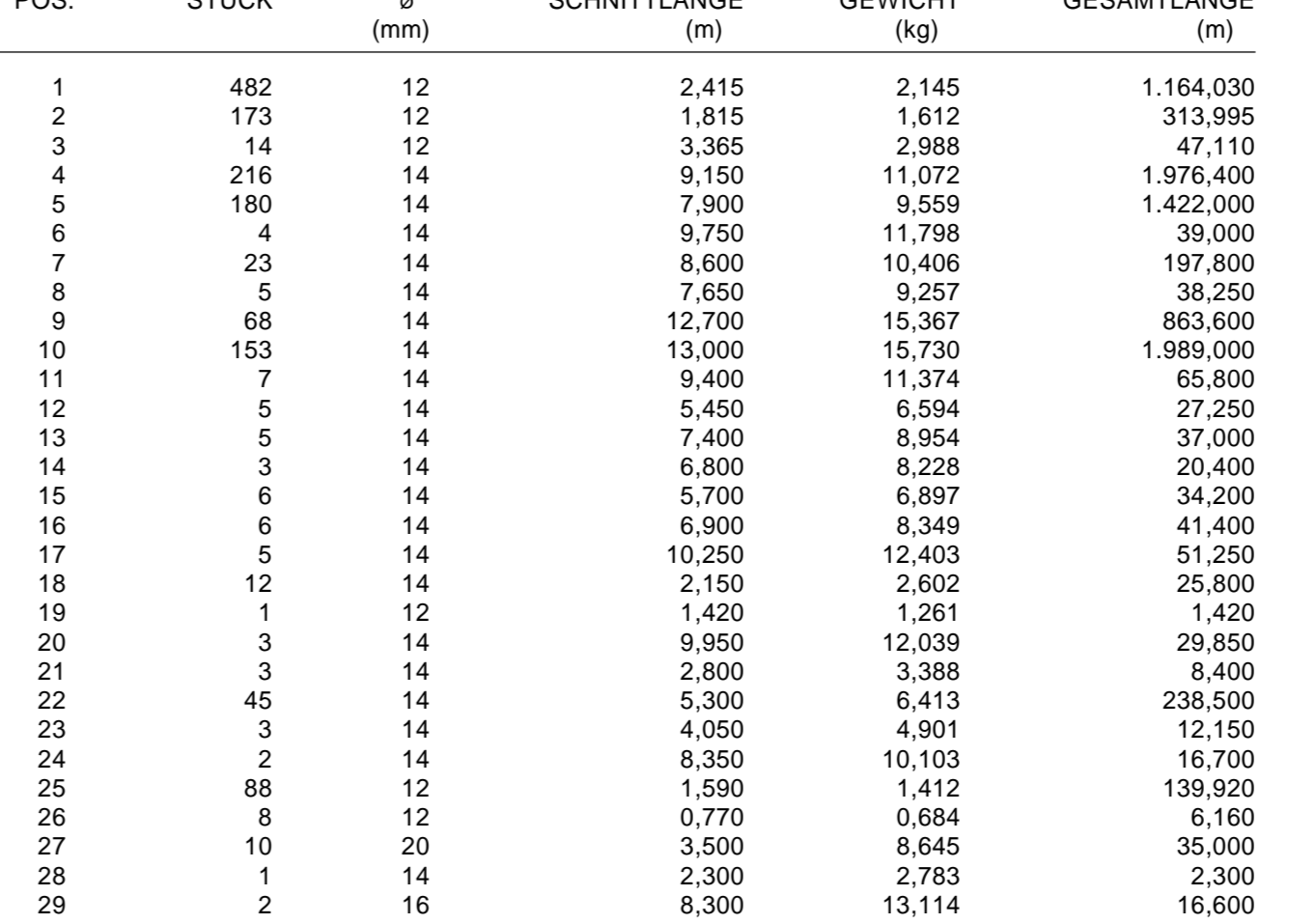
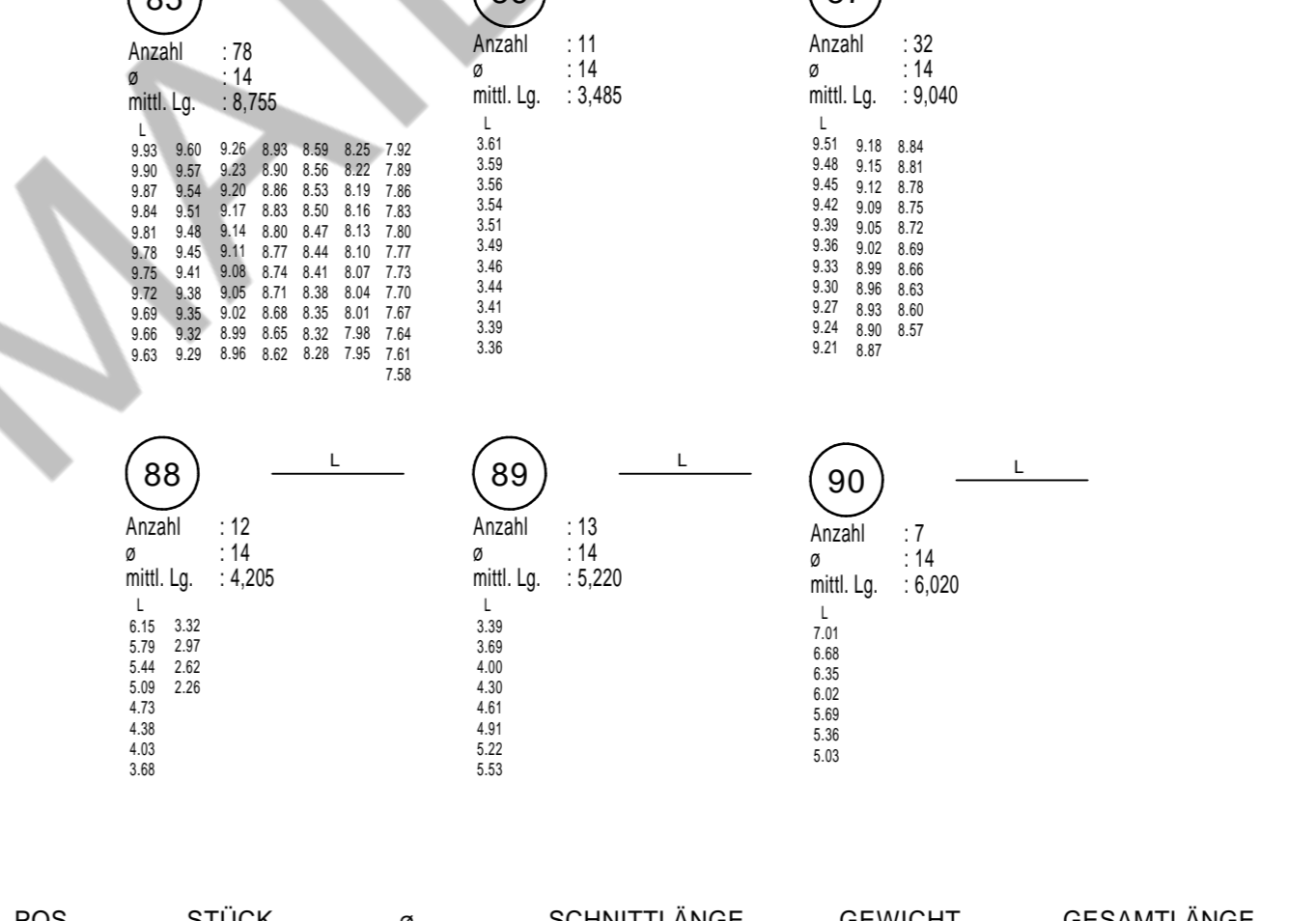
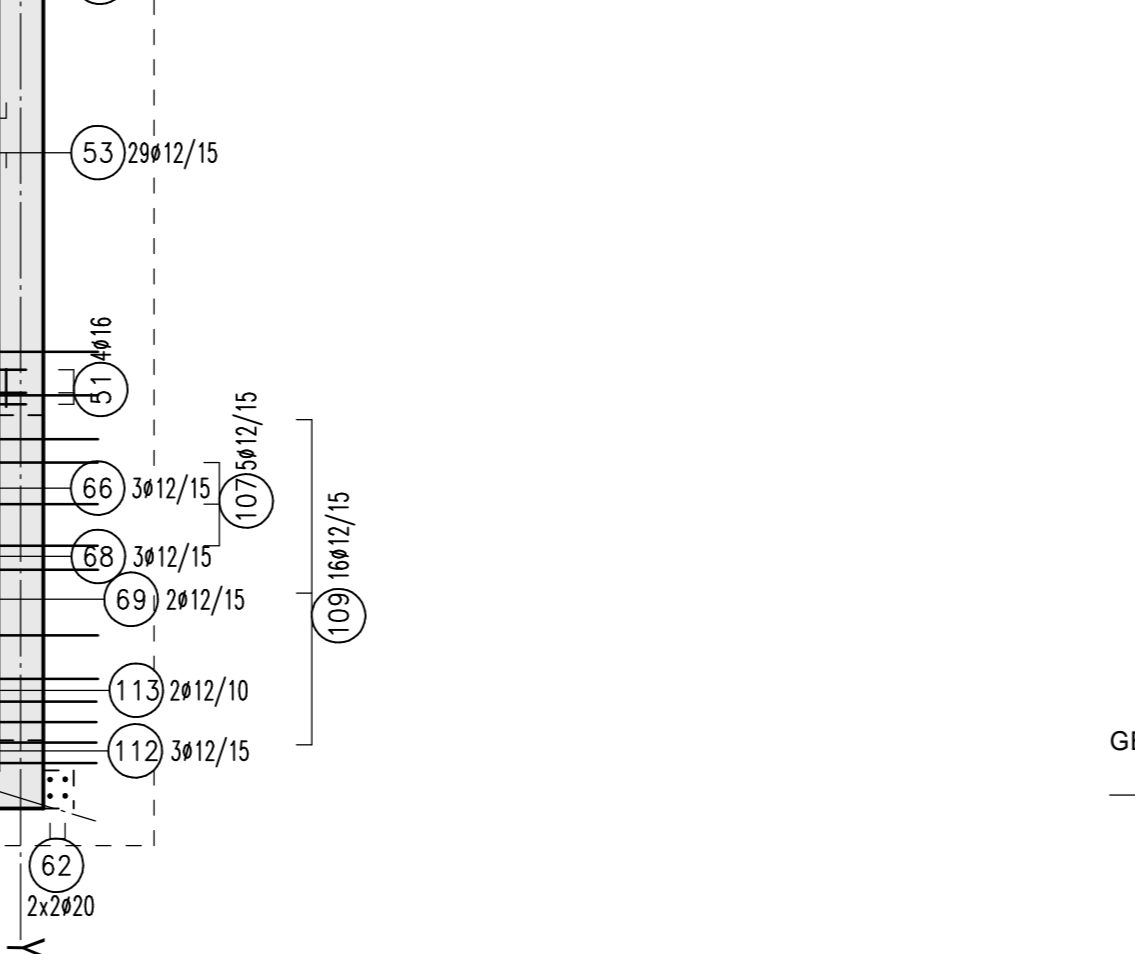
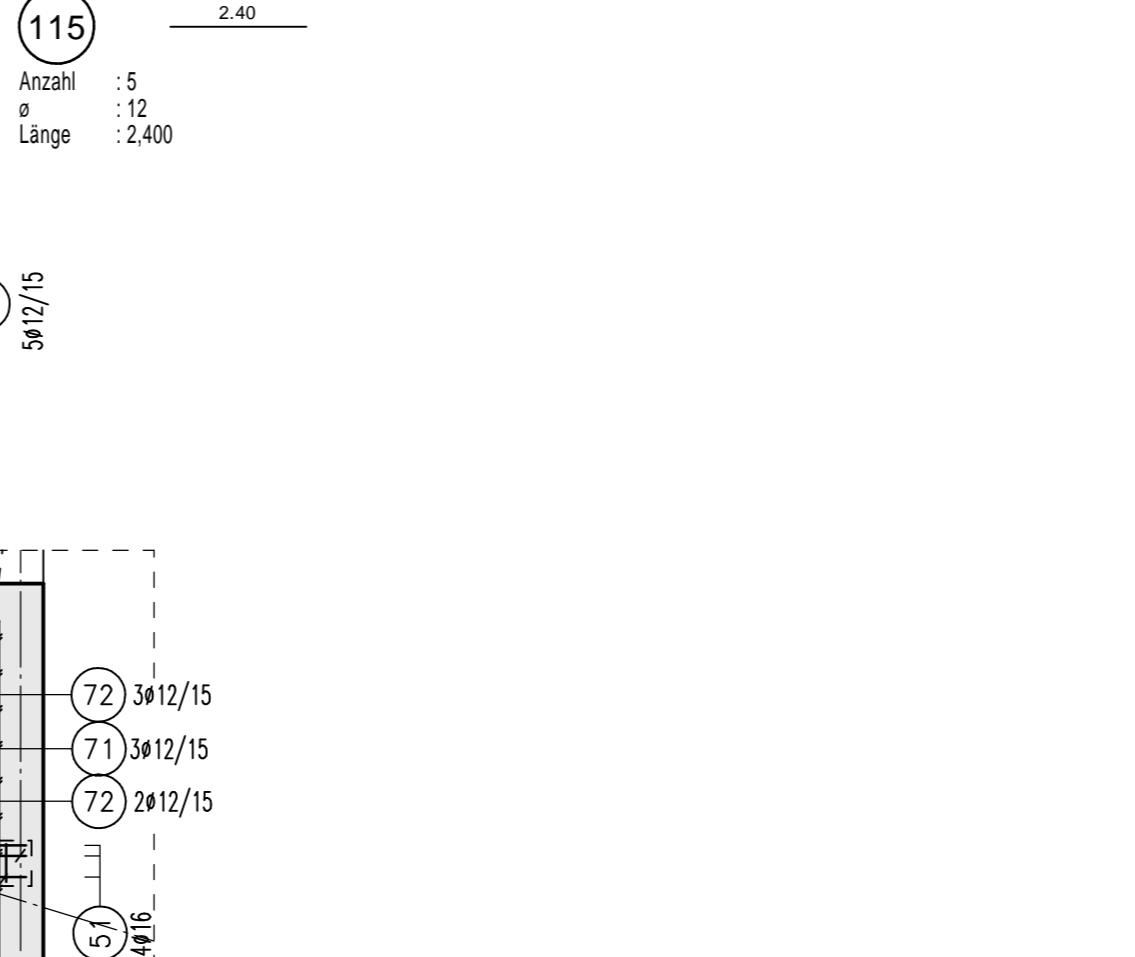
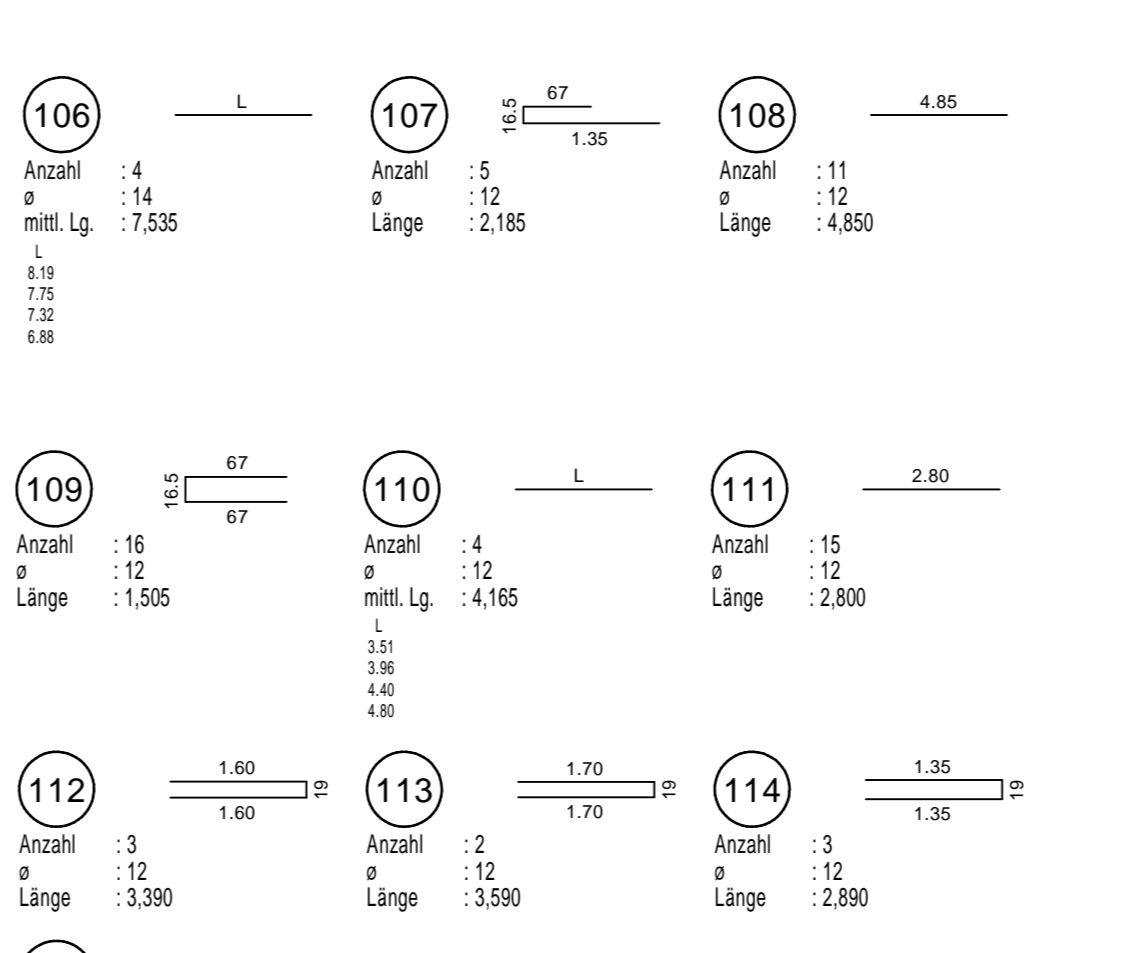
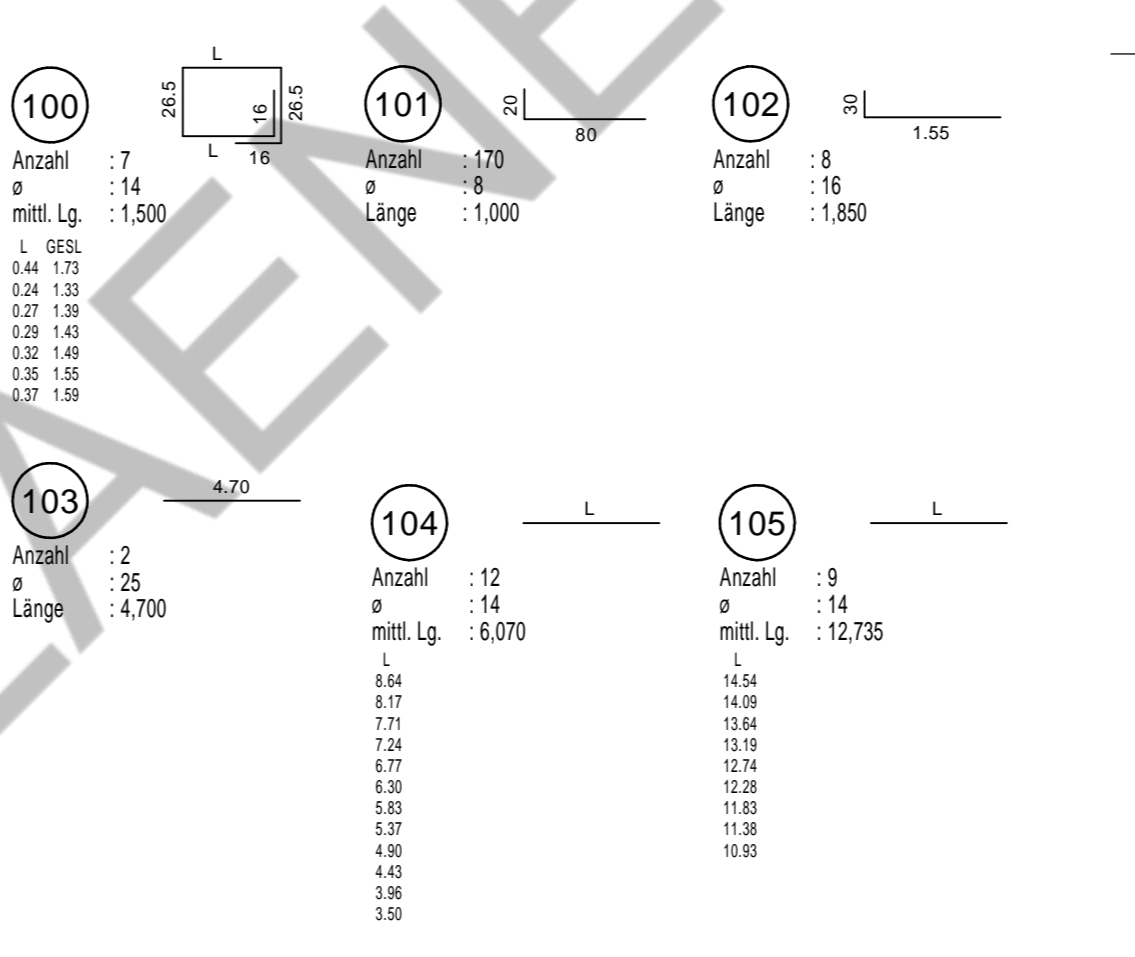
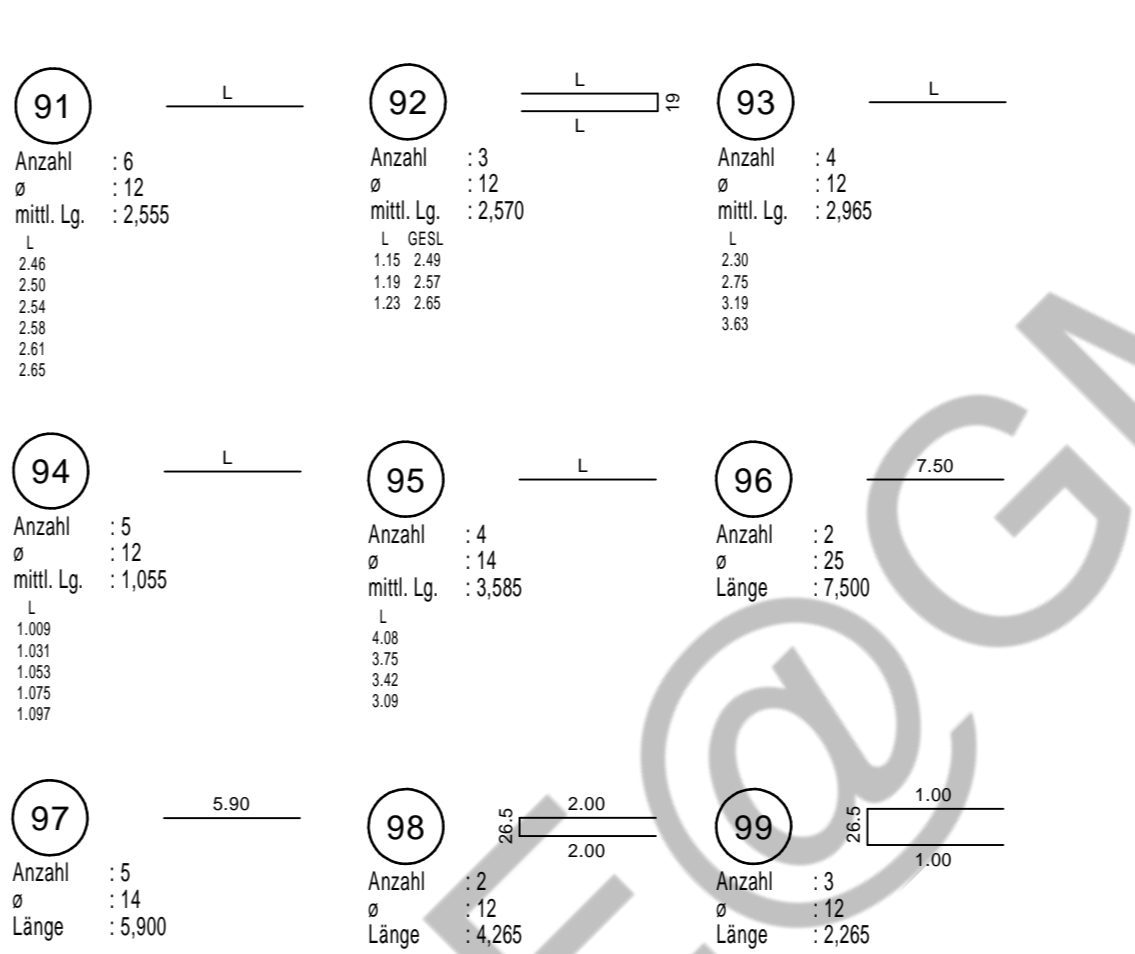
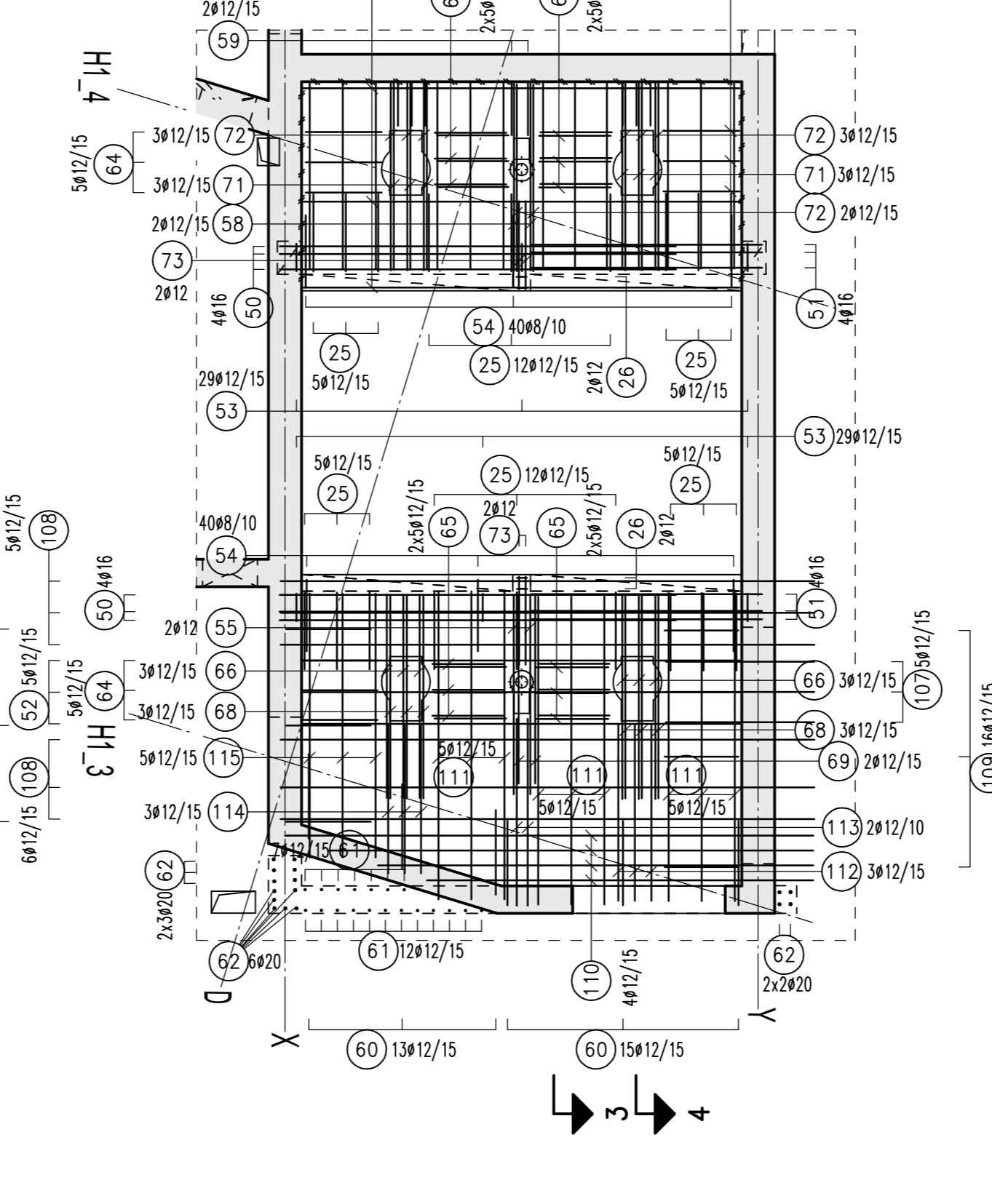
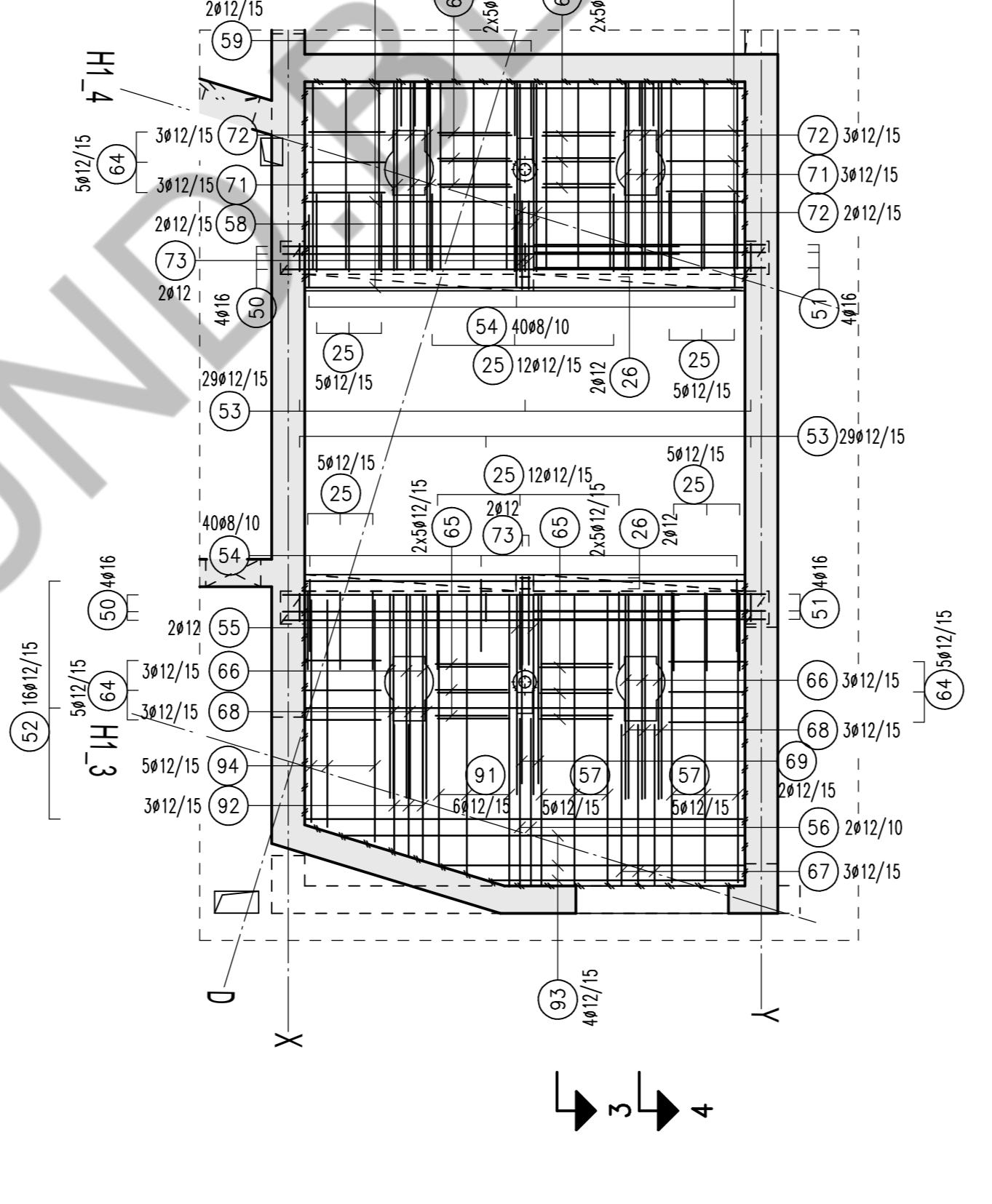
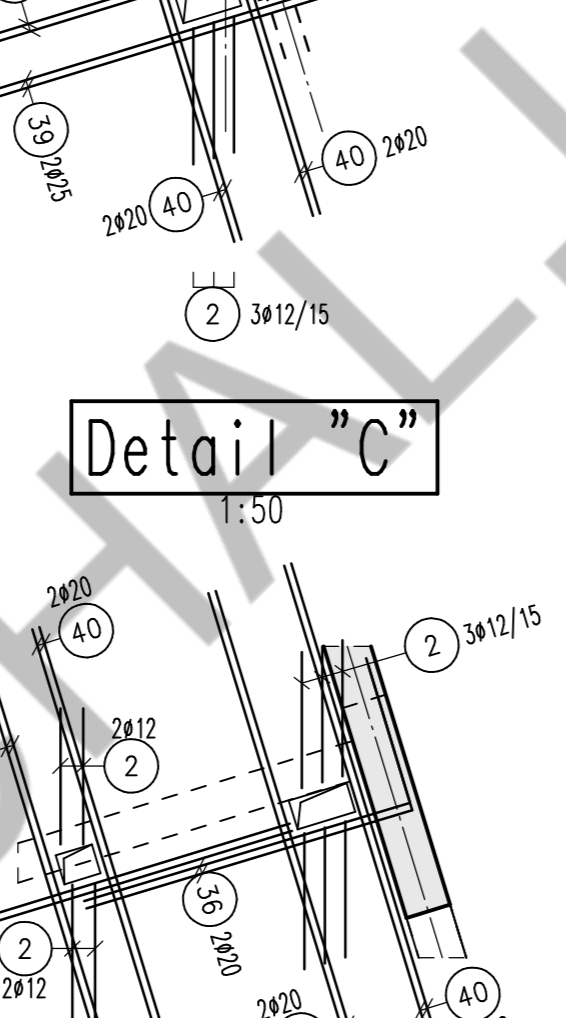
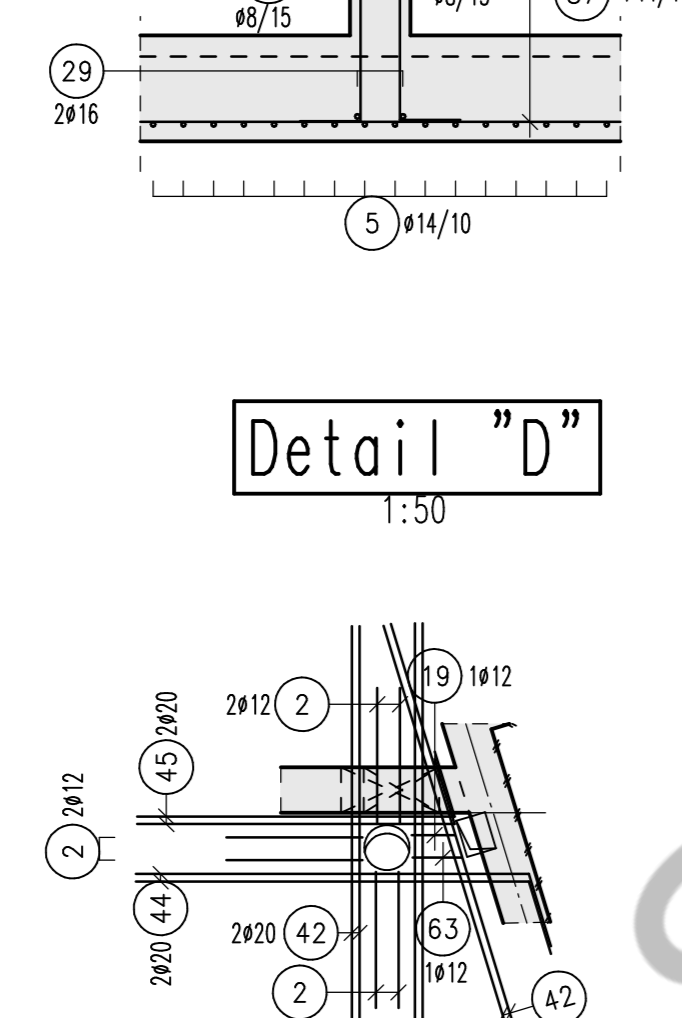
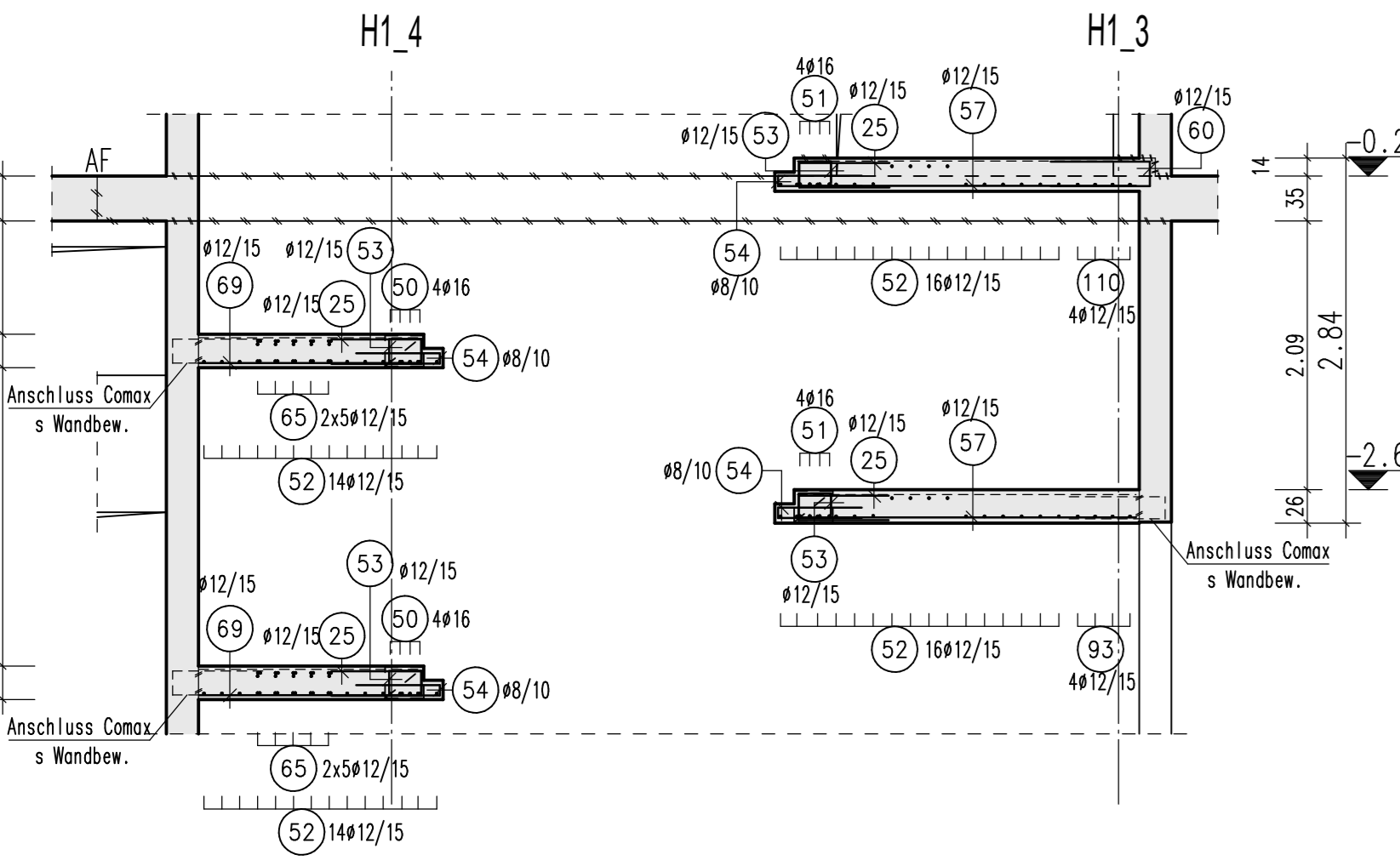
Detail A
1:50
Podest OK=4,01/-2,64m

Detail B
1:50
Podest OK=1,43/-0,06m

Schnitt 3-3
1:50

Schnitt 5-5
1:25

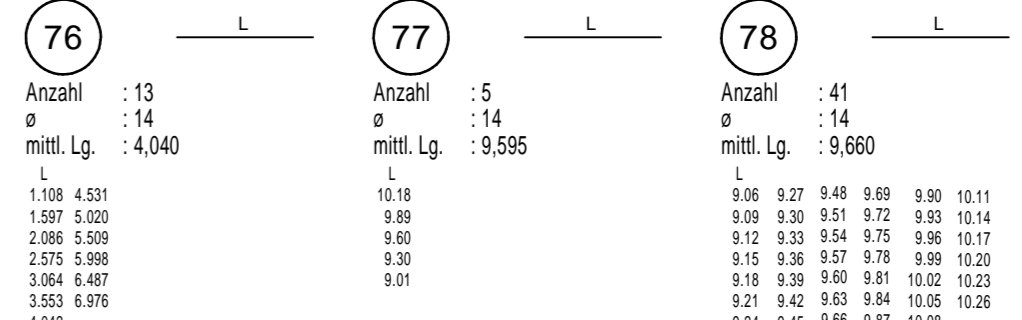
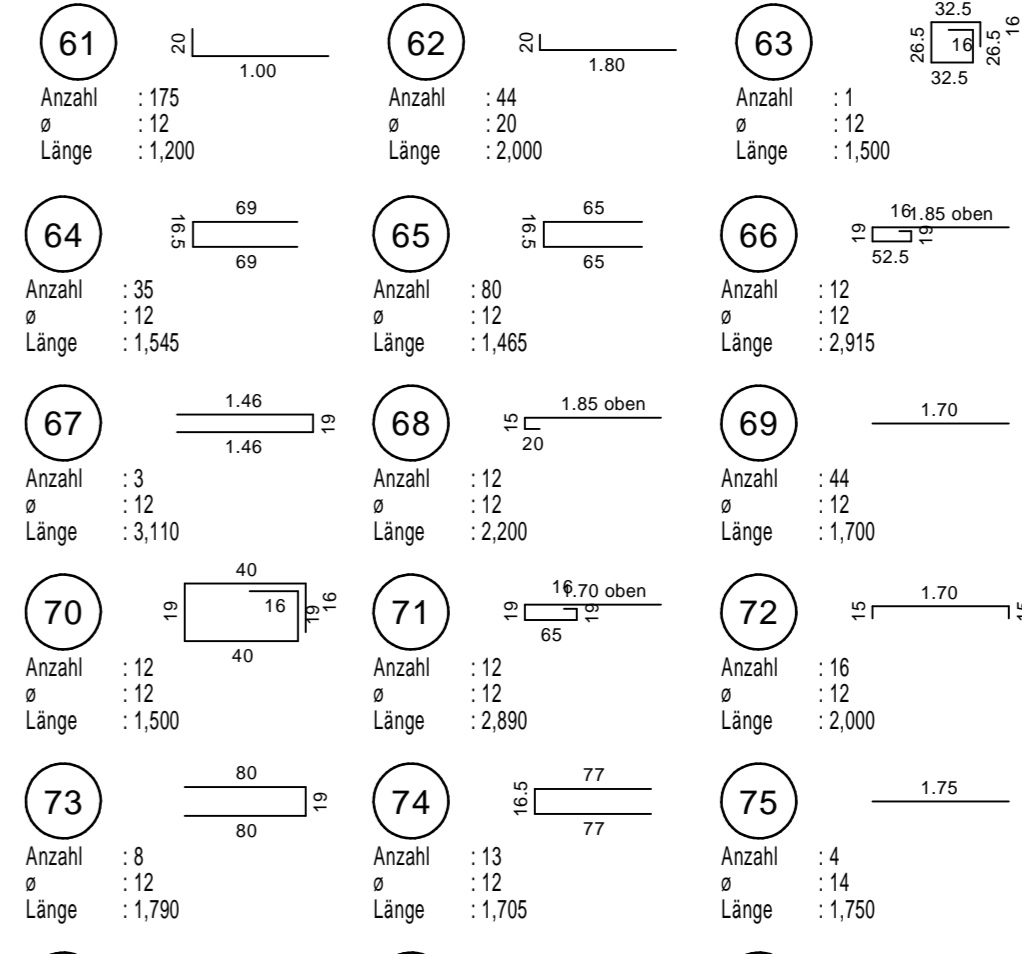
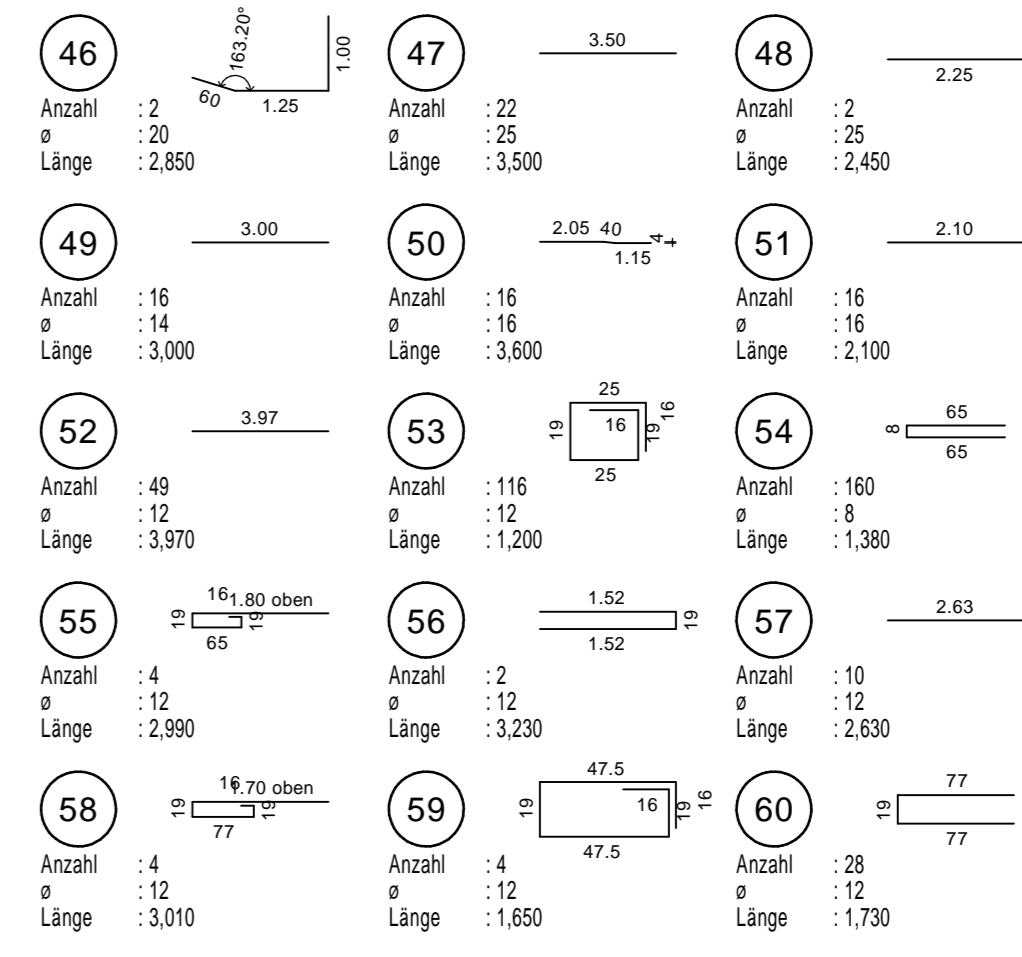
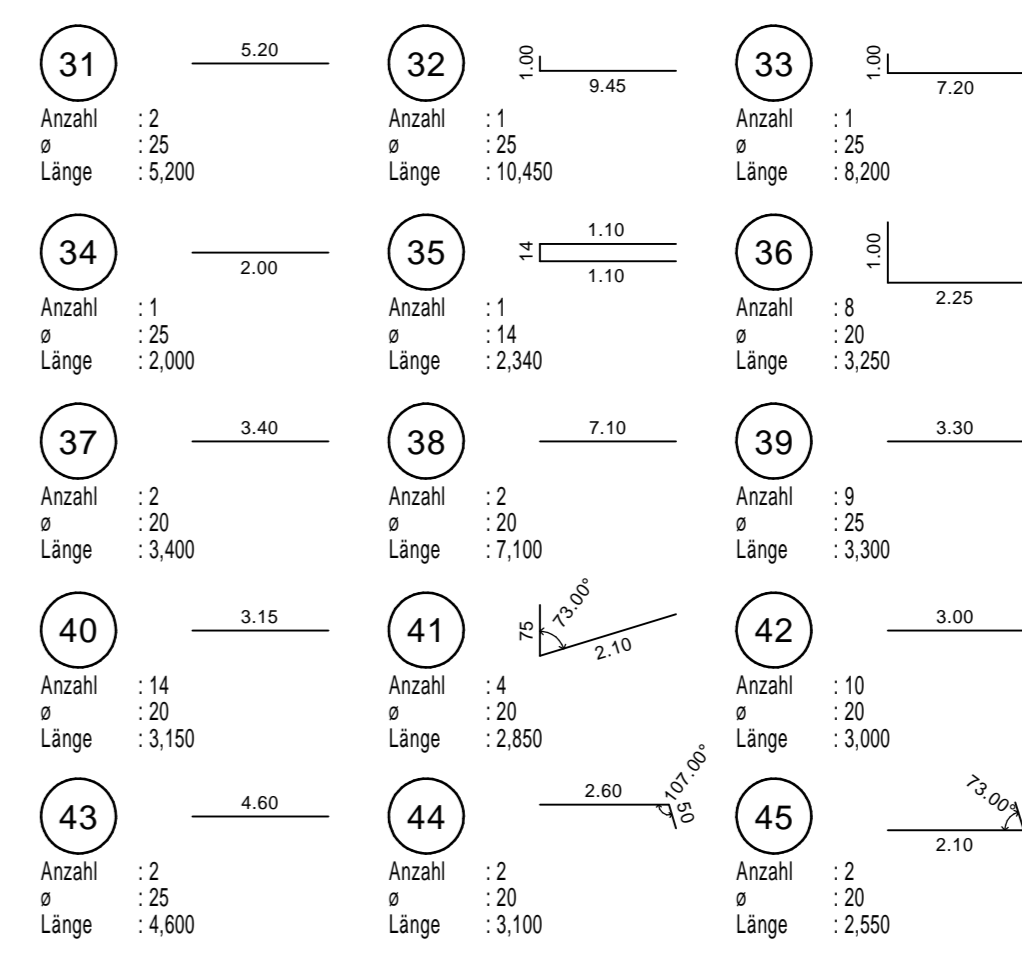
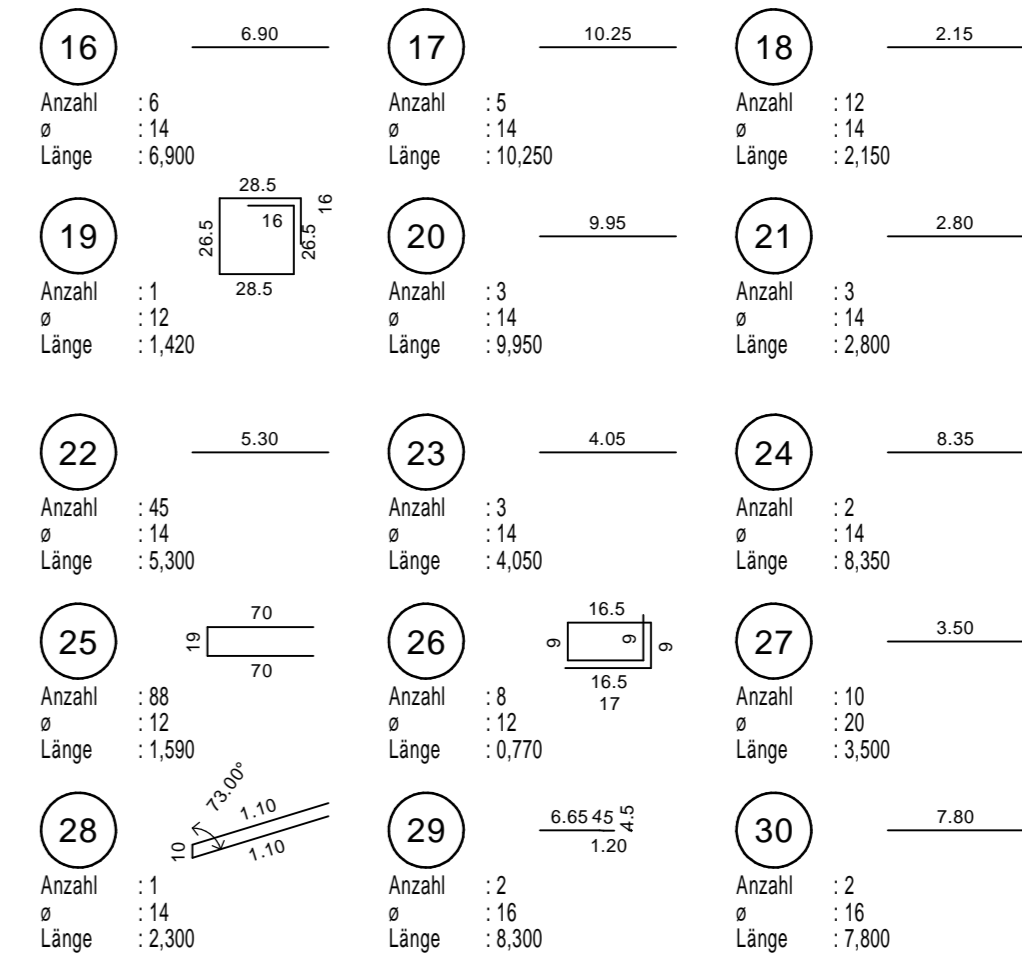
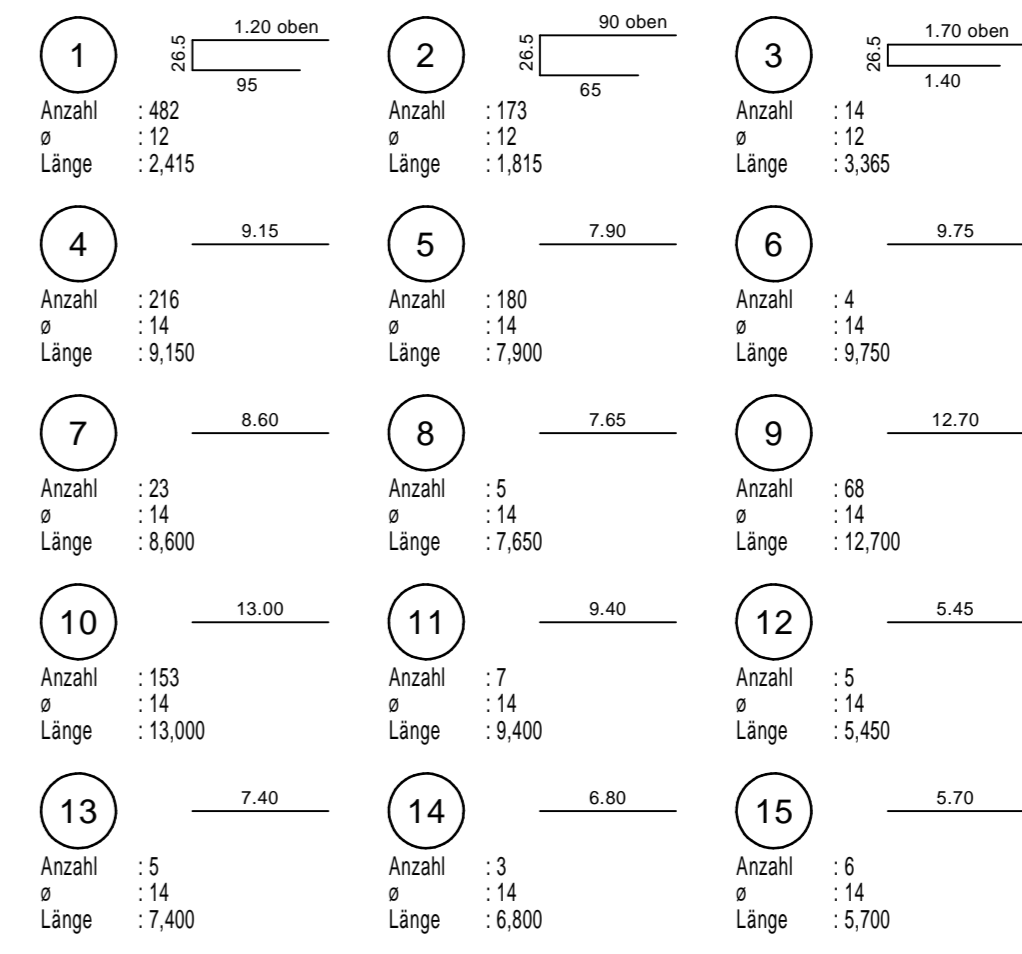
Detail F
1:50



POS.	STÜCK	Ø (mm)	SCHNITTLÄNGE (m)	GEWICHT (kg)	GESAMTLÄNGE (m)
1	482	12	2,415	2,145	1.164,030
2	173	12	1,912	1,912	313,996
3	14	12	3,365	2,968	41,710
4	216	14	9,150	11,072	1.976,400
5	180	14	9,580	9,580	1.422,000
6	14	14	9,750	11,798	39,000
7	23	14	8,600	10,406	197,800
8	68	14	7,650	9,257	96,257
9	18	14	12,700	15,367	863,600
10	153	14	13,500	15,730	1.989,000
11	7	14	0,400	11,374	65,800
12	5	14	6,400	6,564	27,250
13	5	14	7,400	8,954	37,000
14	20	14	6,800	8,228	20,400
15	6	14	5,700	6,897	34,200
16	6	14	6,900	8,349	41,400
17	6	14	10,200	11,250	61,500
18	12	14	2,150	2,602	25,800
19	1	12	1,420	1,420	1,420
20	3	14	9,950	12,039	29,850
21	3	14	3,388	8,400	8,400
22	45	14	5,300	6,413	238,500
23	4	14	4,050	4,801	12,150
24	2	14	6,350	10,703	10,103
25	88	12	1,550	1,412	139,920
26	1	14	2,900	0,864	6,160
27	10	20	3,500	8,645	35,000
28	1	14	7,800	2,753	2,700
29	2	16	8,300	13,114	16,600
30	1	16	15,600	12,334	15,600
31	2	25	5,200	10,400	10,400
32	1	25	10,400	40,233	10,400
33	1	25	8,200	91,970	8,200
34	1	25	2,000	7,700	2,000
35	1	14	2,340	2,341	2,341
36	8	20	3,250	8,028	26,000
37	2	20	6,300	8,288	16,600
38	2	20	7,100	17,537	14,200
39	2	20	3,300	12,785	9,700
40	14	20	3,150	7,781	44,100
41	4	20	2,850	7,940	11,400
42	10	20	3,000	7,410	30,000
43	2	25	4,900	17,710	9,200
44	2	20	7,607	6,207	44
45	2	20	2,550	5,100	5,100
46	2	20	2,850	5,700	5,700
47	22	25	3,000	15,475	77,000
48	2	25	2,450	9,433	4,800
49	16	14	3,000	3,630	48,000
50	16	16	3,600	5,688	57,600
51	16	16	3,150	3,150	33,600
52	49	12	5,970	5,525	194,530
53	11	12	1,086	1,086	138,200
54	160	8	1,380	0,545	220,800
55	2	12	2,980	2,655	11,960
56	2	12	3,230	2,668	6,460
57	10	12	2,630	2,335	26,300
58	4	12	3,010	2,673	12,040
59	4	12	1,950	1,465	6,800
60	28	12	4,440	1,586	44,440
61	175	12	1,200	1,066	210,000
62	44	12	2,000	1,840	88,000
63	1	12	1,500	1,332	1,500
64	36	12	1,545	1,372	54,075
65	12	12	1,465	1,301	117,200
66	15	12	2,915	2,589	34,380
67	12	12	3,117	2,762	9,300
68	12	12	2,200	1,954	26,400
69	44	12	1,700	1,510	74,800
70	12	12	1,500	1,332	18,000
71	12	12	2,880	2,596	34,680
72	16	12	2,000	1,776	32,000
73	8	12	1,790	1,590	14,320
74	13	12	1,705	1,514	22,165
75	4	14	1,750	2,117	7,000
76	13	14	3,040**	4,868	62,520
77	5	14	9,595**	47,975	47,975
78	11	14	9,080**	396,050	396,050
79	16	14	8,860**	10,721	141,760
80	14	14	4,090**	4,949	57,280
81	4	14	5,600**	6,762	22,420
82	36	14	6,850**	6,837	200,400
83	5	14	2,990**	3,975	15,975
84	8	14	9,295**	11,247	74,360
85	79	14	6,750**	10,594	662,900
86	11	14	3,485**	4,217	38,535
87	3	14	9,040**	10,580	28,920
88	12	14	5,880**	6,202	69,460
89	13	14	6,220**	6,316	67,860
90	4	14	7,284**	6,020**	42,140
91	15	12	2,555**	2,269	15,330
92	6	12	2,555**	2,262	17,110
93	4	12	2,965**	2,633	11,660
94	5	12	3,080**	2,773	15,375
95	4	14	3,580**	4,338	14,540
96	2	25	7,500	28,875	15,000
97	5	14	5,900	29,500	14,500
98	2	12	4,265	3,787	8,530
99	3	12	2,295	2,011	6,795
100	7	14	1,500**	1,815	10,500
101	170	10	0,386	0,386	170,000
102	8	16	1,850	2,923	14,800
103	10	12	4,700	19,695	9,400
104	1	14	6,070**	7,840	7,840
105	9	14	12,730**	15,409	114,615
106	4	14	7,530**	9,117	30,140
107	5	12	2,185	1,940	10,925
108	108	12	4,030**	4,327	63,300
109	16	12	1,905	1,346	24,080
110	4	14	1,660**	1,660	18,660
111	15	12	2,800	2,486	42,000
112	3	12	3,390	3,010	10,170
113	2	12	3,180	3,188	6,376
114	3	12	2,890	2,566	6,870
115	6	12	2,400	2,131	12,000

GESAMTMENGE (BETONSTAHL B 500A)	(mm)	(kg/m)	(m)	(kg)
8	0,385	390,800	154,366	59,400
12	0,888	3,000,150	2,671,239	11,607,326
14	1,210	11,667,420	11,667,326	14,117,326
16	1,580	136,250	216,356	1,790
20	2,470	272,500	672,076	678,563
25	3,850	176,250	678,563	678,563

GESAMTGEWICHT 16.062.927



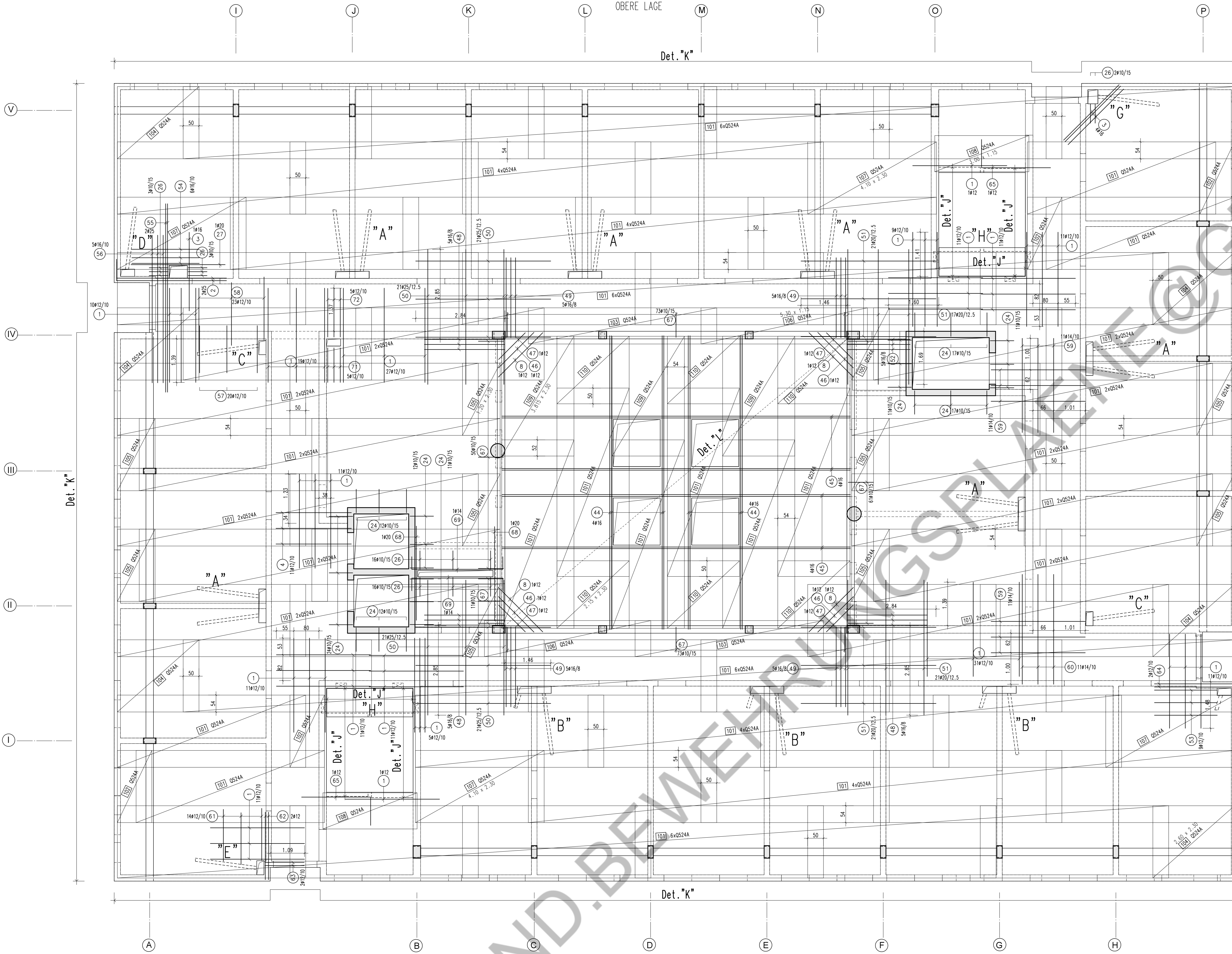
DECKE ÜBER 1.OG

1:50
OBERE LAGE

Det. "K"

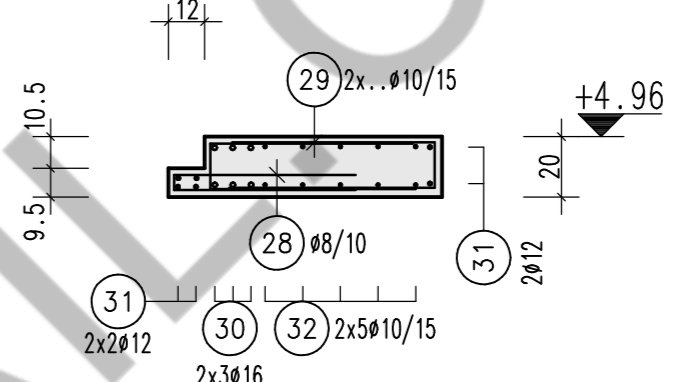
Detail "L"

1:50
UNTERE LAGE



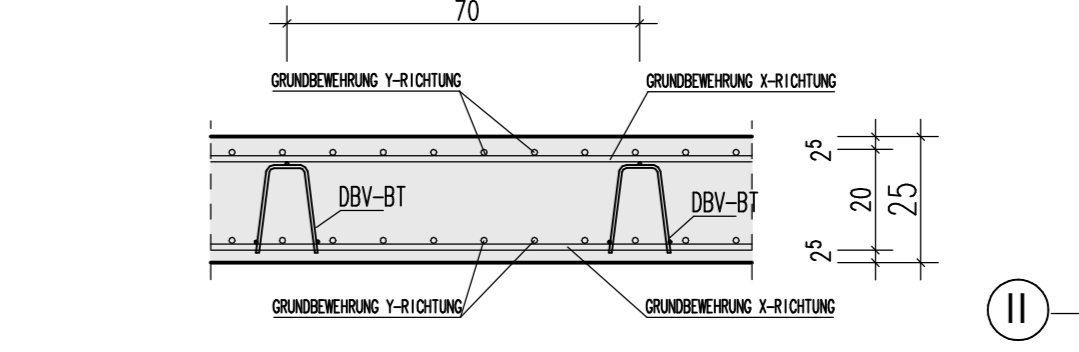
Schnitt 1-1

1:25

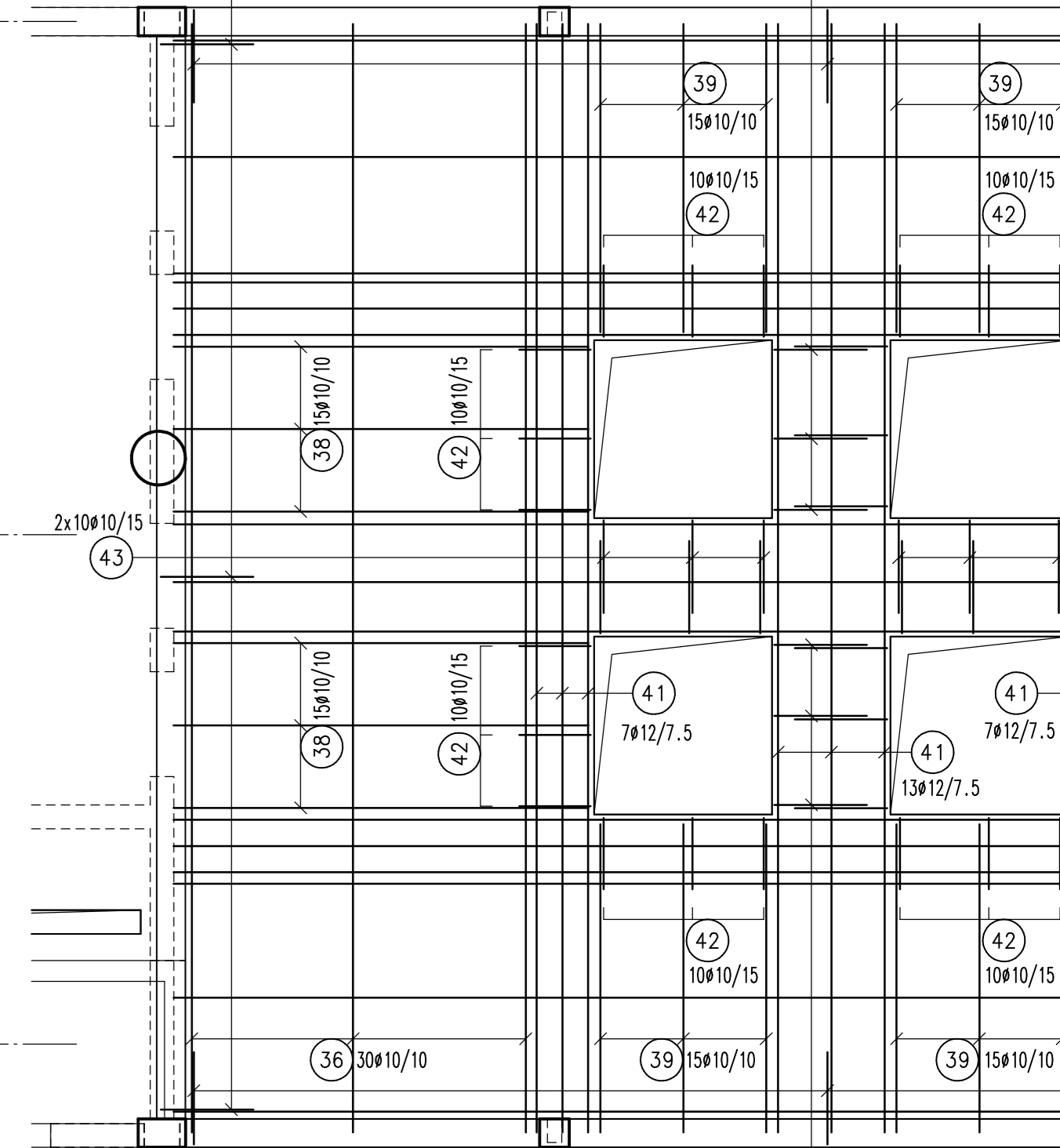


Einbausystem für Unterstützungskörbe ohne Filigranplatte

1:15

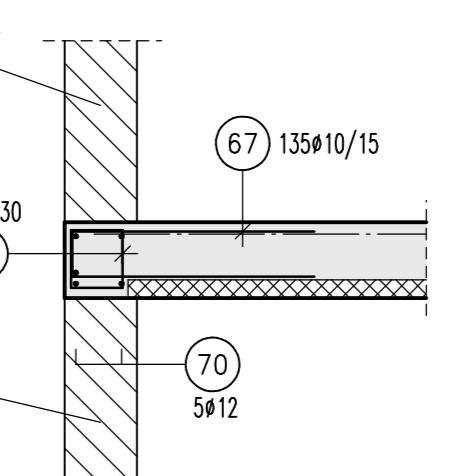


170.00 lfdm DBV-BT-17-B-L



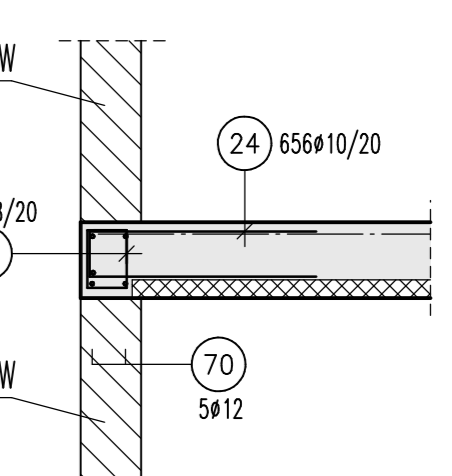
Detail "J"

1:25
REGELDETAIL



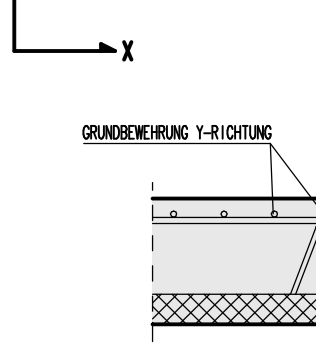
Detail "K"

1:25
REGELDETAIL



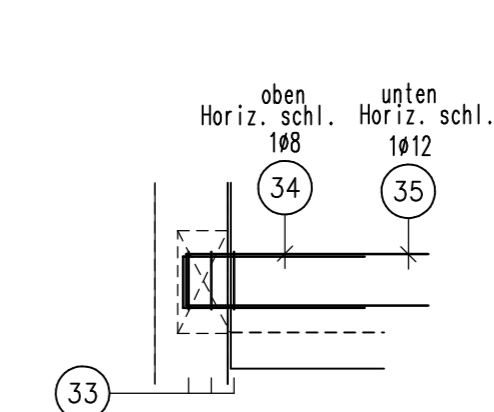
Einbausystem

1:15



Detail "I"

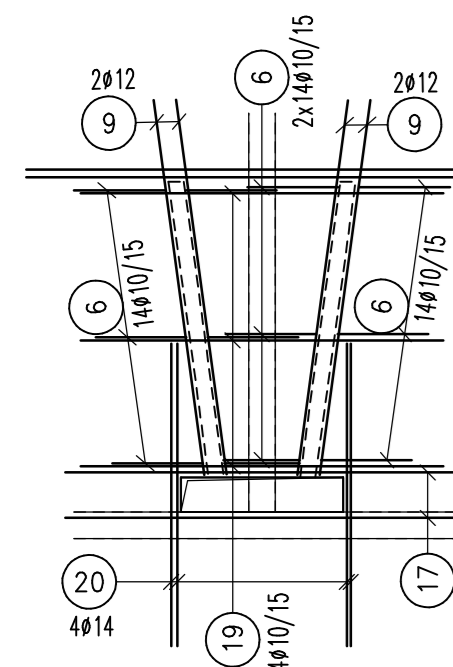
1:25
8 x Vorh.



1	3.00	2	3.50	3	2.50
Anzahl	202	Anzahl	2	Anzahl	5
Ø	12	Ø	25	Ø	15
Länge	3.000	Länge	4.100	Länge	2.500
4	2.40	5	1.30	6	1.00
Anzahl	11	Anzahl	82	Anzahl	502
Ø	10	Ø	12	Ø	10
Länge	2.900	Länge	1.300	Länge	1.000
7	1.80	8	2.00	9	2.50
Anzahl	4	Anzahl	8	Anzahl	40
Ø	14	Ø	12	Ø	12
Länge	1.800	Länge	2.000	Länge	2.500
10	2.00	11	1.50	12	1.35
Anzahl	10	Anzahl	6	Anzahl	5
Ø	14	Ø	14	Ø	12
Länge	2.000	Länge	1.800	Länge	1.600
13	1.25	14	1.05	15	1.30
Anzahl	7	Anzahl	46	Anzahl	2
Ø	14	Ø	10	Ø	12
Länge	1.850	Länge	1.250	Länge	1.500
16	1.00	17	2.60	18	3.20
Anzahl	4	Anzahl	18	Anzahl	12
Ø	12	Ø	12	Ø	14
Länge	1.000	Länge	2.800	Länge	3.200
19	2.40	20	2.00	21	1.80
Anzahl	84	Anzahl	30	Anzahl	6
Ø	10	Ø	14	Ø	12
Länge	2.400	Länge	2.300	Länge	1.800
22	1.00	23	1.15	24	1.50
Anzahl	1	Anzahl	8	Anzahl	783
Ø	14	Ø	14	Ø	15
Länge	1.800	Länge	2.150	Länge	1.600
25	1.90	26	0.60	27	3.00
Anzahl	666	Anzahl	40	Anzahl	1
Ø	8	Ø	10	Ø	20
Länge	0.800	Länge	1.350	Länge	3.000
28	0.60	29	0.67	30	2.65
Anzahl	5	Anzahl	78	Anzahl	12
Ø	12	Ø	16	Ø	16
Länge	2.800	Länge	1.500	Länge	2.600
31	2.65	32	2.65	33	1.50
Anzahl	12	Anzahl	20	Anzahl	24
Ø	12	Ø	10	Ø	8
Länge	2.650	Länge	2.650	Länge	0.940
34	0.60	35	0.60	36	9.35
Anzahl	8	Anzahl	8	Anzahl	60
Ø	12	Ø	12	Ø	10
Länge	1.370	Länge	1.370	Länge	9.350
37	11.10	38	3.50	39	2.60
Anzahl	42	Anzahl	60	Anzahl	60
Ø	11.100	Ø	9.500	Ø	2.600
40	11.10	41	9.35	42	1.00
Anzahl	27	Anzahl	27	Anzahl	80
Ø	11.100	Ø	9.350	Ø	1.000
43	7.8	44	9.35	45	11.10
Anzahl	348	Anzahl	8	Anzahl	8
Ø	1.750	Ø	9.350	Ø	15.100
46	1.60	47	1.20	48	2.35
Anzahl	2	Anzahl	4	Anzahl	15
Ø	14	Ø	1.200	Ø	15
Länge	3.300	Länge	1.200	Länge	3.150
49	2.35	50	4.30	51	4.30
Anzahl	20	Anzahl	84	Anzahl	80
Ø	15	Ø	25	Ø	25
Länge	3.150	Länge	4.300	Länge	4.300

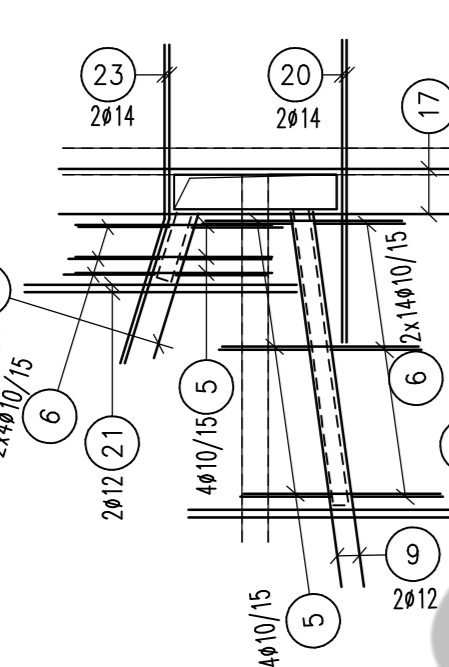
Detail "A"

1:50
6 x Vorh.



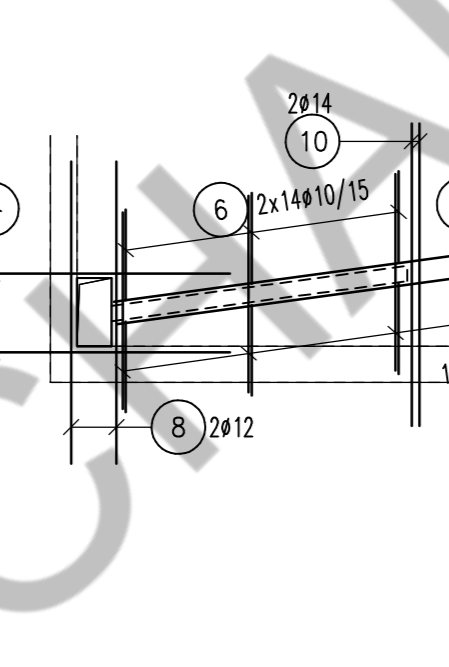
Detail "B"

1:50
3 x Vorh.



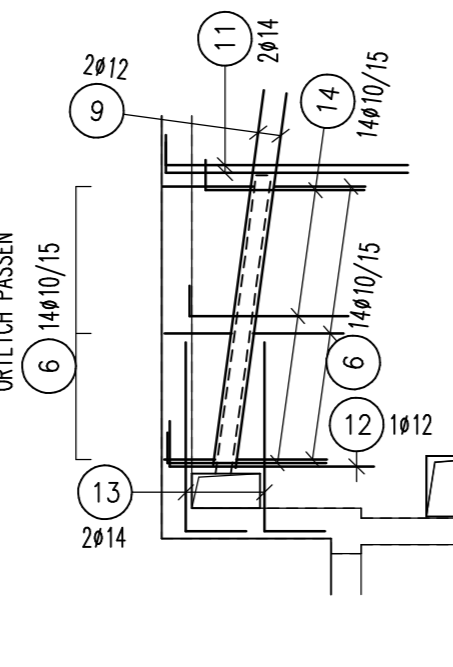
Detail "C"

1:50
2 x Vorh.



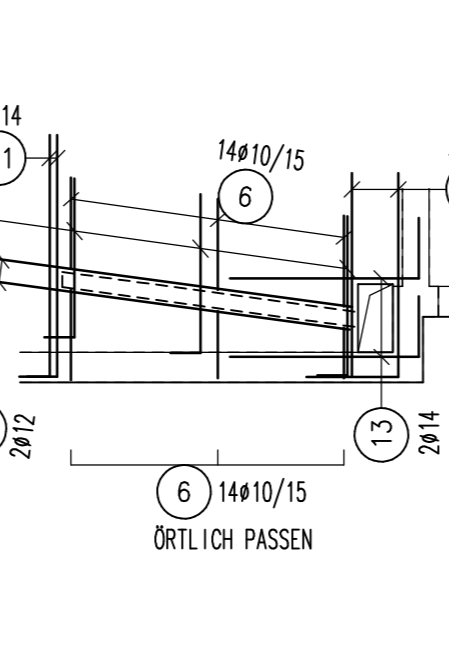
Detail "D"

1:50



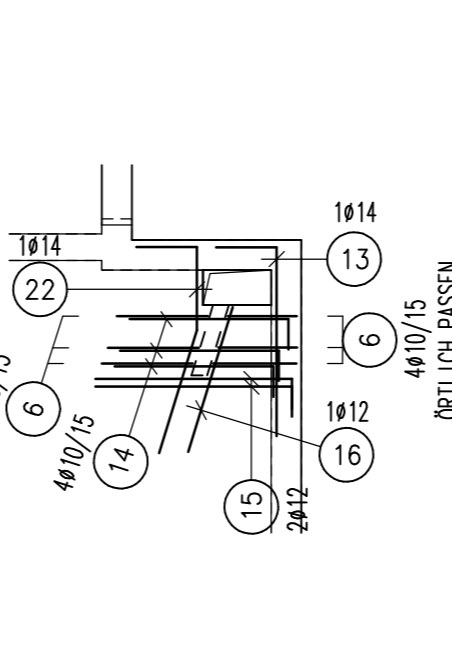
Detail "E"

1:50



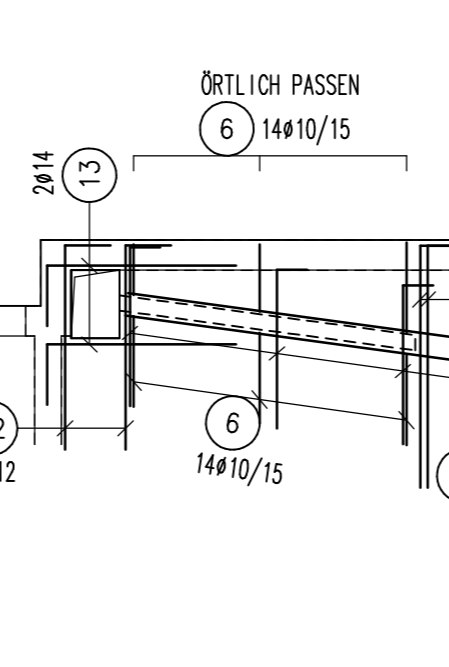
Detail "F"

1:50



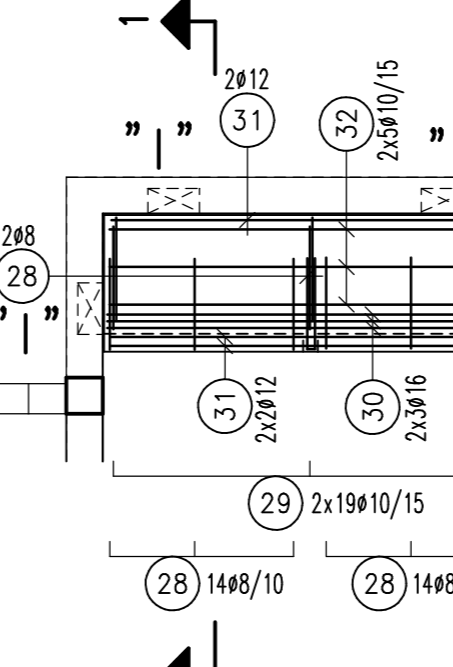
Detail "G"

1:50



Detail "H"

1:50
2 x Vorh.



8.00 lfdm DBV-BT-13-B-L