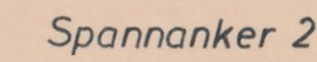
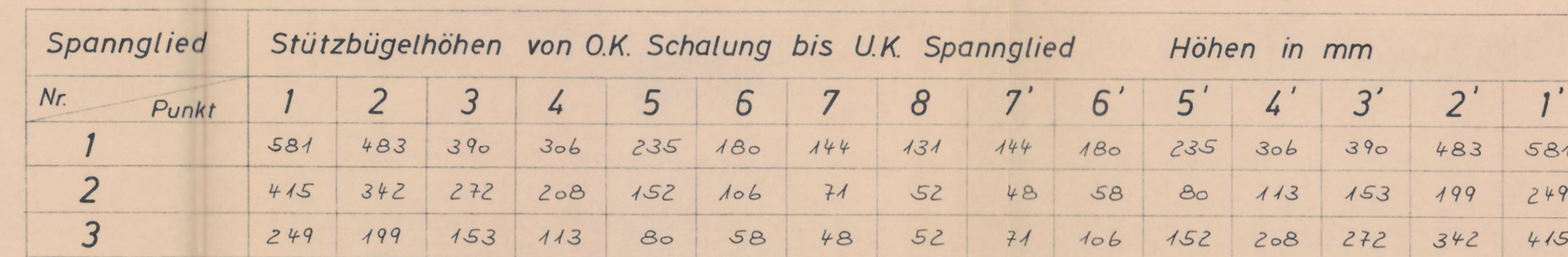


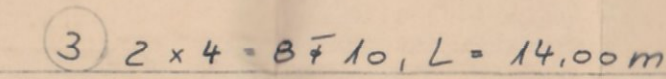
Spannanker 1+3



STÜTZBÜGELTABELLE



25,05



⑤ $2 \times 4 + 9 \times 8 = 80 \text{ } \bar{7} 10, L = 11,55 \text{ m}$

7) $11 \times 8 = 88 \text{ F } 14, L = 14,00 \text{ m}$ $a = 20 \text{ cm}$

9 $11 \times 4 = 44 \div 14, L = 13,25m$

9 $11 \times 4 = 44 \div 14, L = 13,25m$

④ $2 \times 4 = 8 + 10, L = 12,75 \text{ m}$

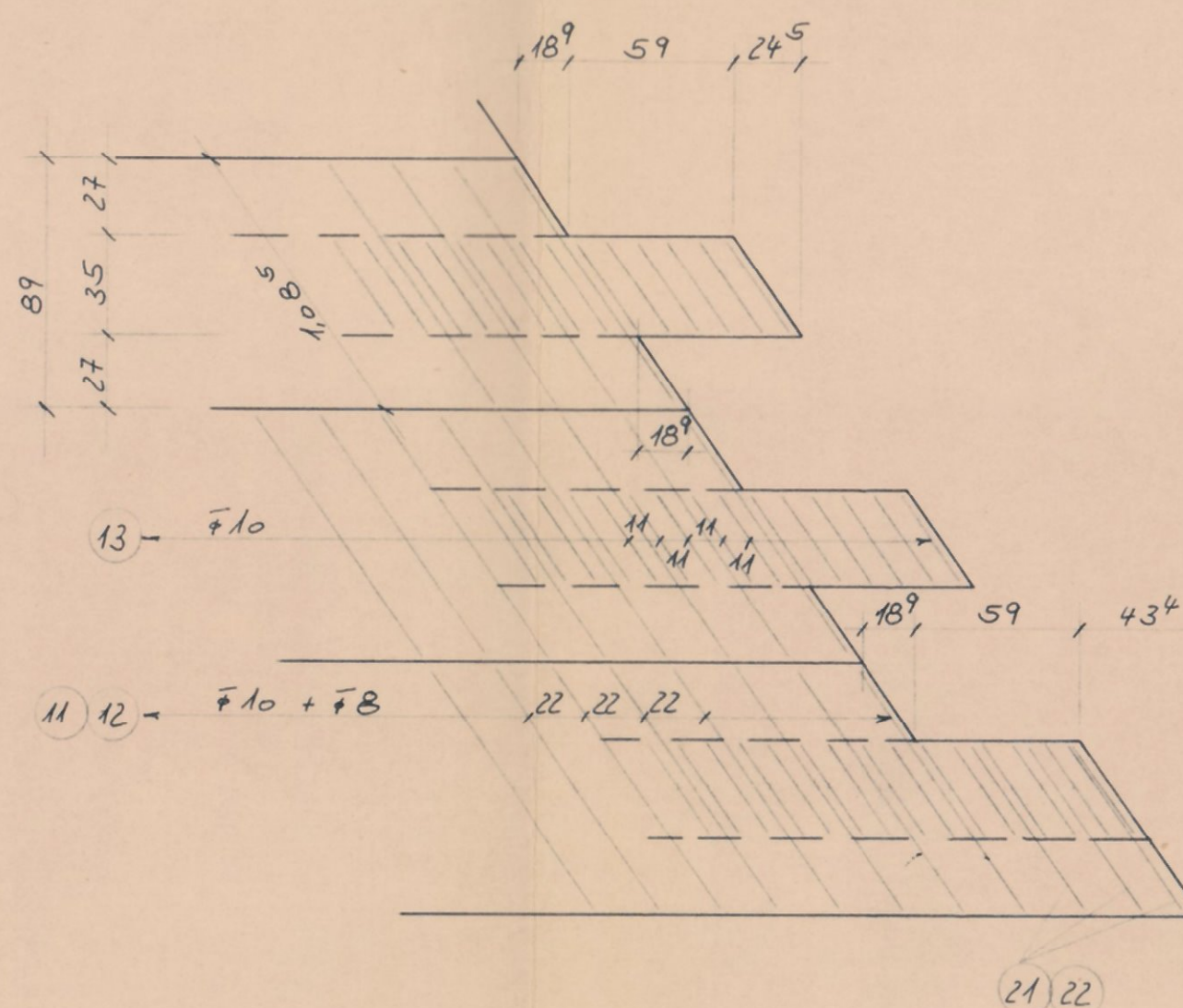
6) $2 \times 4 + 9 \times 8 = 80 \text{ f10, } L = 14,00 \text{ m}$

8 $11 \times 8 = 88 \div 14, L = 13,25 m$

10 $11 \times 4 = 44 \div 14, L = 14,00 \text{ m}$

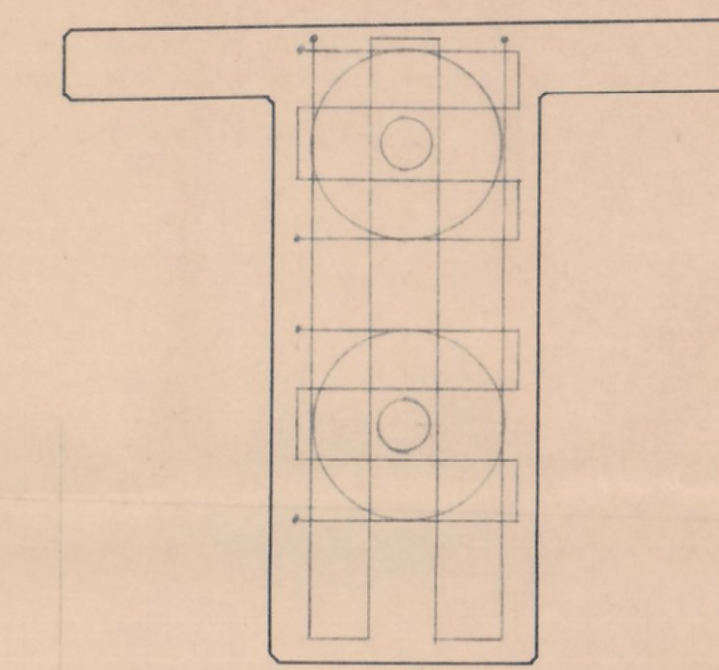
23 $11 \times 10 \times 2 = 40 \pm 14, L = 7.00 \text{ m}$

ABSTELLMASSE



Bügelschlösser wechselseitig anordnen!

SCHNITT DURCH PUNKT 8



3.5 22 $\textcircled{1} 11 \times 8 = 88 \div 10, L = 3,65m$

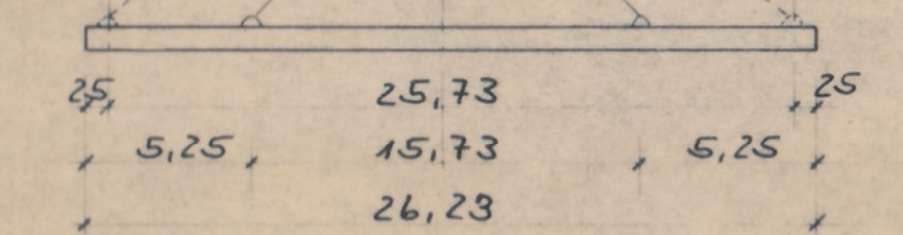
② $11 \times 6 = 66 \neq 10, L = 1.65m$

Spannische

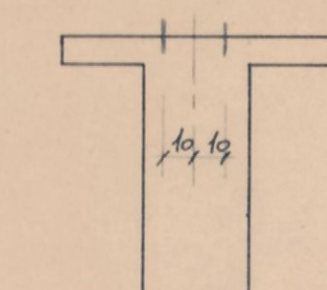
10°

Heben vom LKW und
Montage im Bauwerk

Herausheben aus der Schalung ohne Vorspannung



Je Teil 4 Stück pro Anker 111,94 kN



Beton	B 45
Betonstahl	420/450
Spannstahl	1450/1600

Kreuzungswinkel $61,111^{\circ}$

11 $11 \times 114 = 1254 \text{ f } 10, L = 1,86 \text{ m}$
 $a = 22 \text{ cm}$

$a = 22 \text{ cm}$

 $11 \times 114 = 1254 \div 8, L = 1,60 \text{ m}$
 $a = 22 \text{ cm}$

22 $\begin{array}{|c|c|} \hline 20 & 18 \\ \hline \end{array}$ 22
68

21 $4 \times 3 = 12 \neq 10, L = 1,50 \text{ m}$

$$\frac{68}{20} \rightarrow 3 \frac{4}{5}$$

22) $4 \times 3 = 12 \text{ f } 8, L = 1,08 \text{ m}$

13) $11 \times 120 = 1320 \text{ F}$ $14, L = 3,20 \text{ m}$

14 $11 \times 75 = 825 \div 12, L = 3,20 \text{ m}$

11 10 9 8-1 wie 9

The diagram shows a continuous beam with four supports. The spans between supports are labeled with dimensions: 27, 35, and 27. The total length of the beam is indicated as 89. The support reactions are labeled as follows: $+0,036$ at the first support, $+0,018$ at the second support, $-0,09$ at the third support, and $+0,022$ at the fourth support. The beam is divided into three segments by the supports, with lengths of 74, 84, and 74 indicated for the first, second, and third segments respectively.

9. I. 80		Polhn		Prüfeintragung	
Datum		Name		Änderung	
Dipl.-Ing. R. Menke - Dipl.-Ing. H. Köhler * Beratende Ingenieure VBI für Statik und Bauwesen 44 Münster 46 Dortmund Julius-Leber-Str. 20, Tel. 754 50 Harnackstr. 50, Tel. 12 65 60					
Bauherr:				Maßstab:	
Kreis Warendorf				1:50, 1:25	
Bauwerk:				Blattgröße:	
Brücke im Zuge der K 46 über die DB Strecke Wanne Bremen in km 80817				63/102 064	
Längsvorspannung				Auftr. Nr.:	
Bewehrung der				P 79/18	
Fertigteile Mittelfeld				Blatt Nr.:	
Datum:				15a	