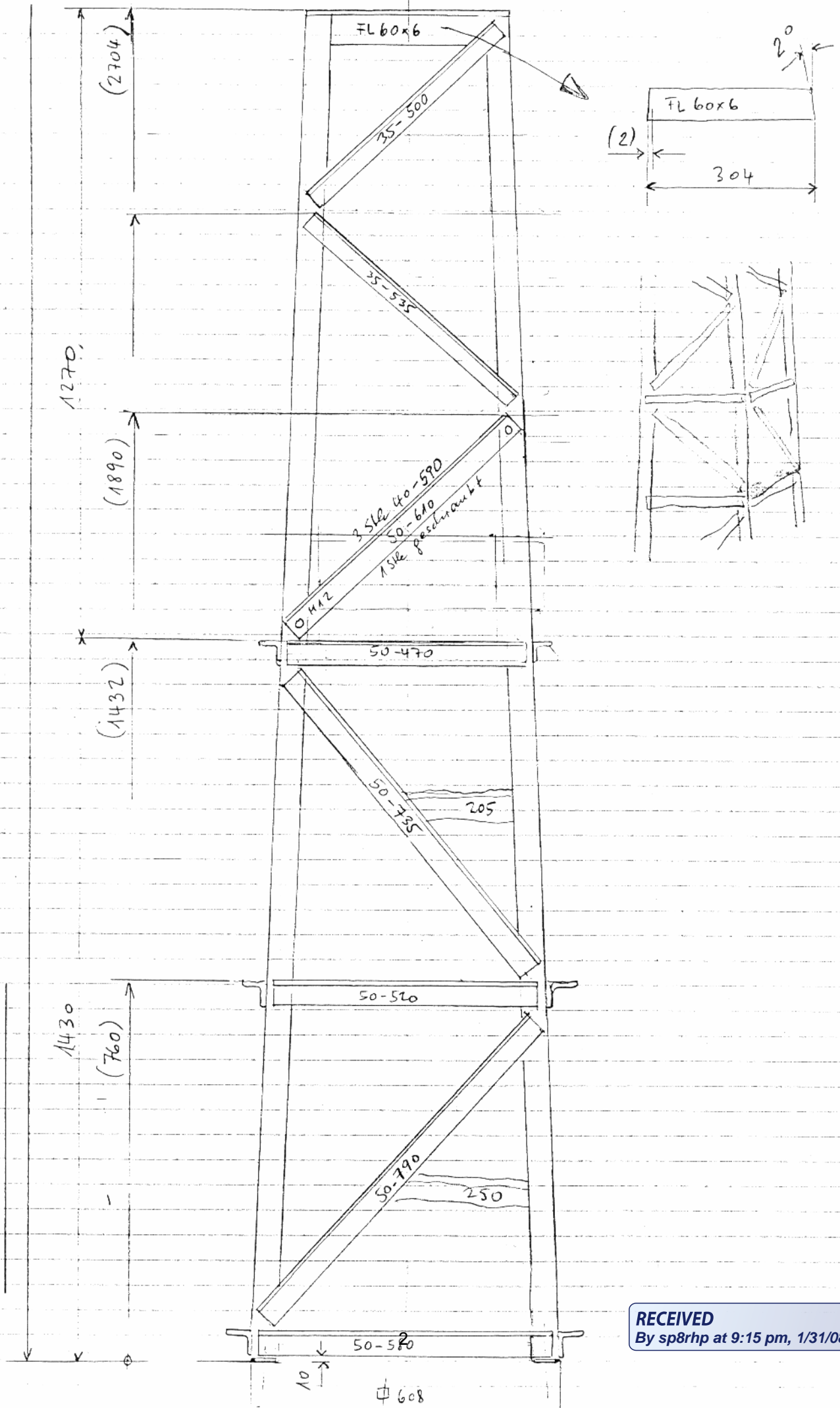
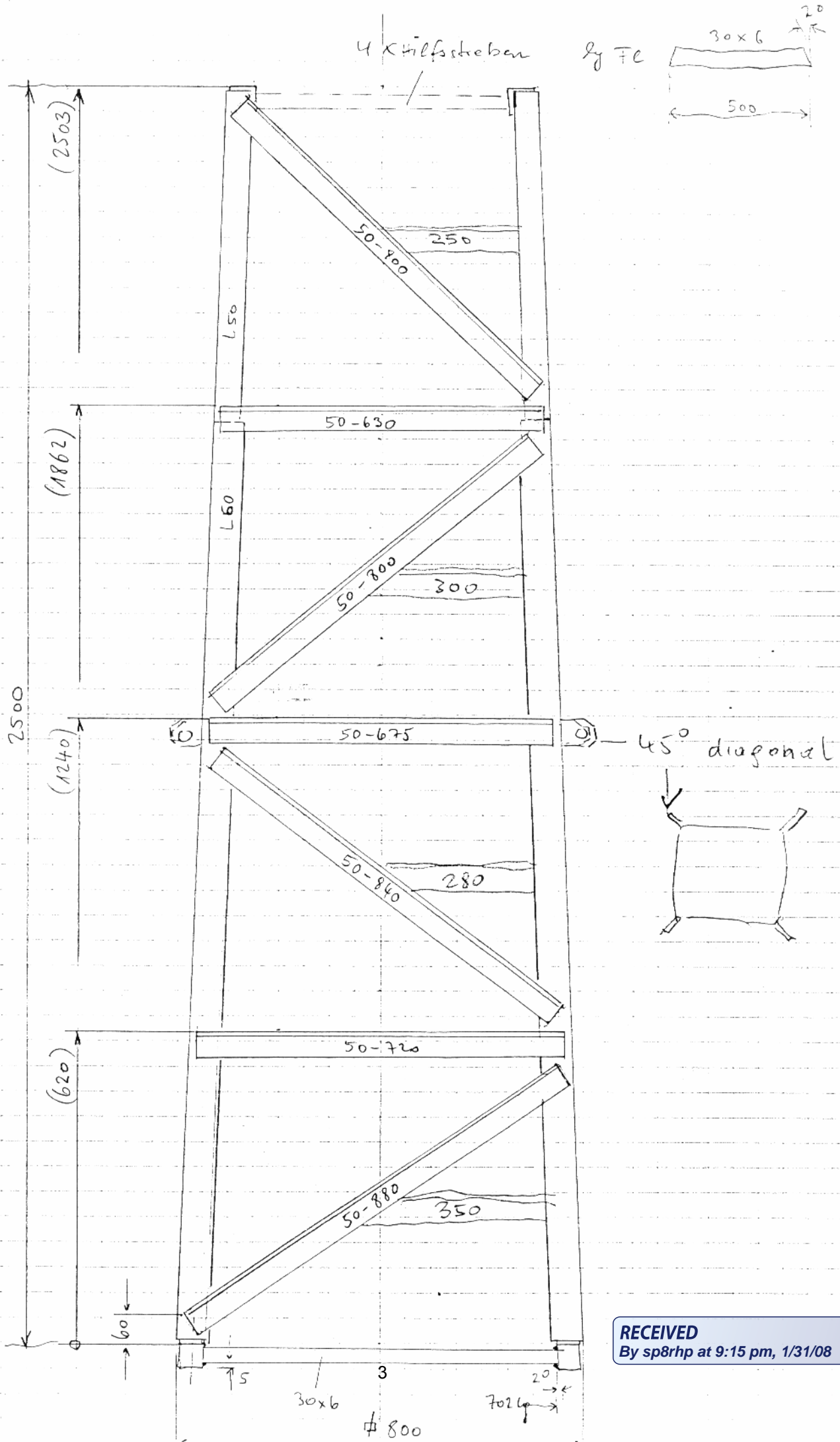


MAST OBERTEIL



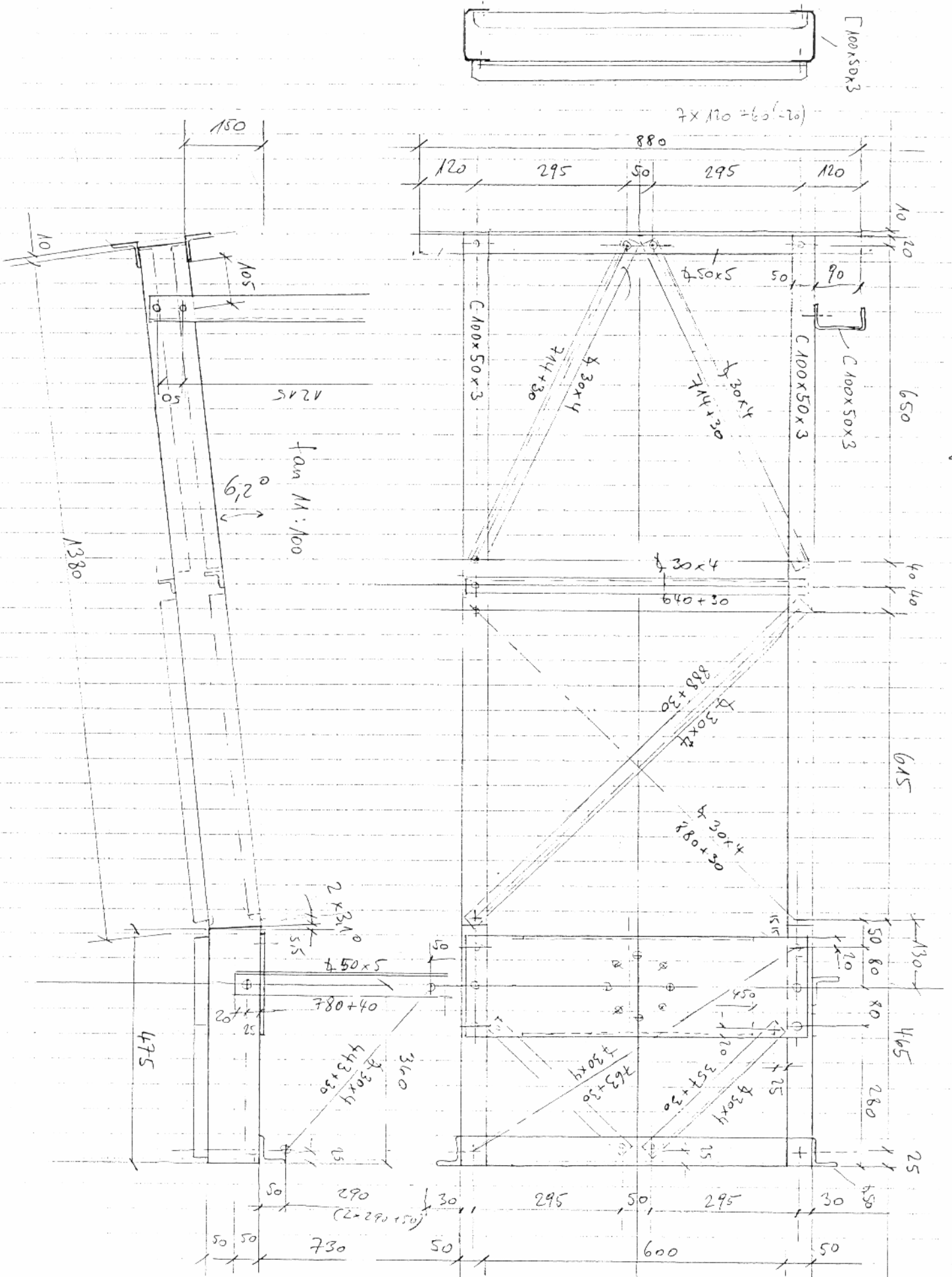
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MAST UNTERTEIL



RECEIVED  
By sp8rhp at 9:15 pm, 1/31/08

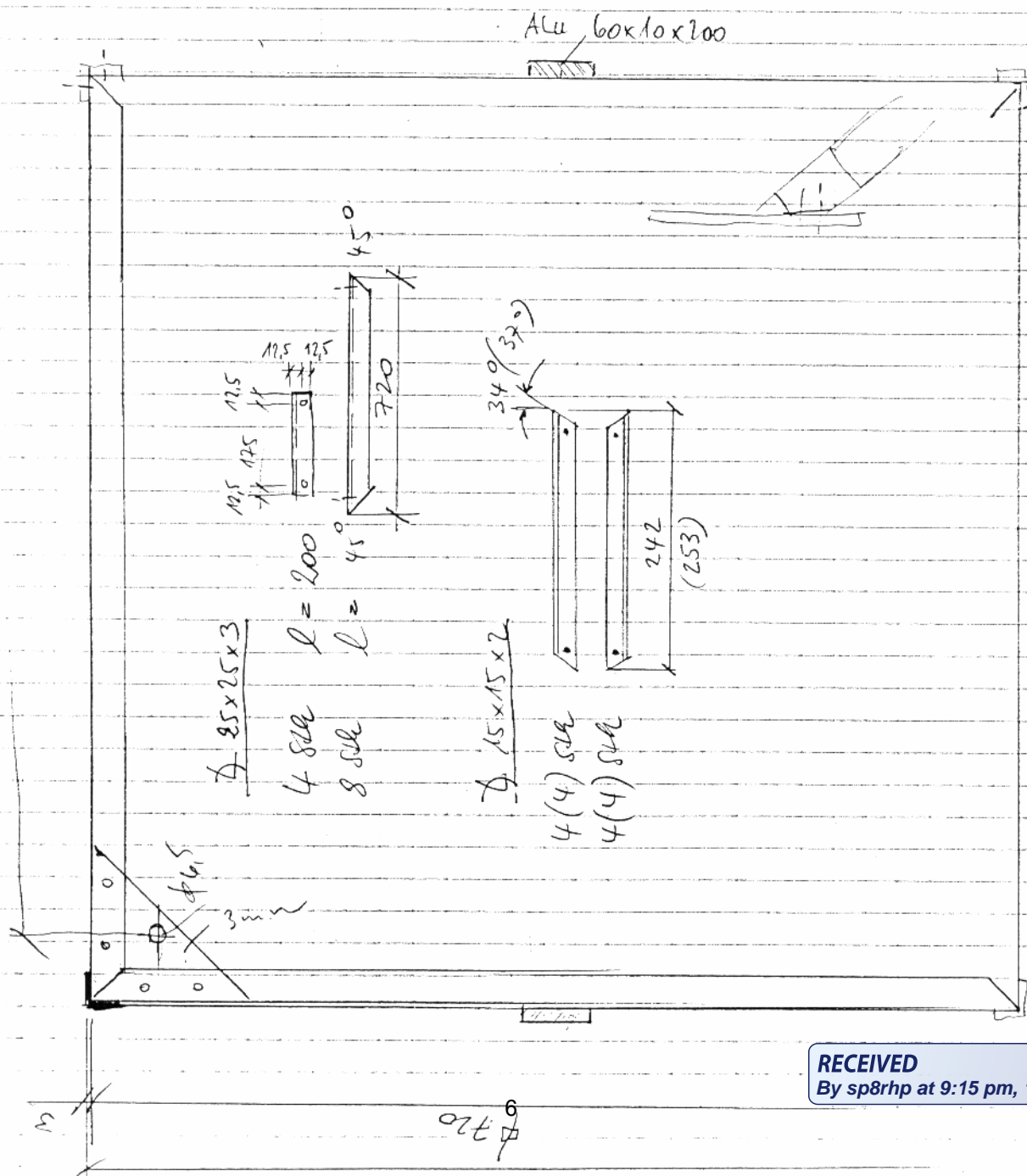
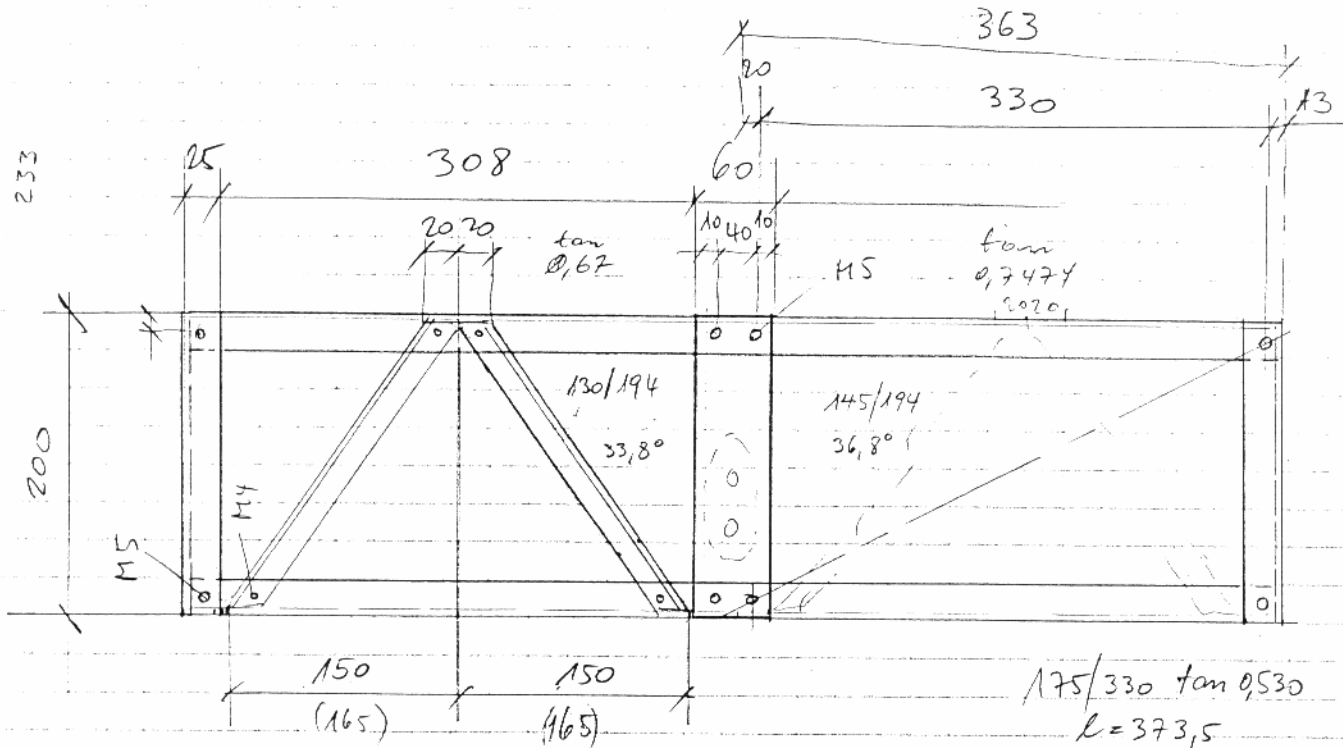
GEGEN AUSLEGER 2-fach



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By sp8rhp at 9:15 pm, 1/31/08







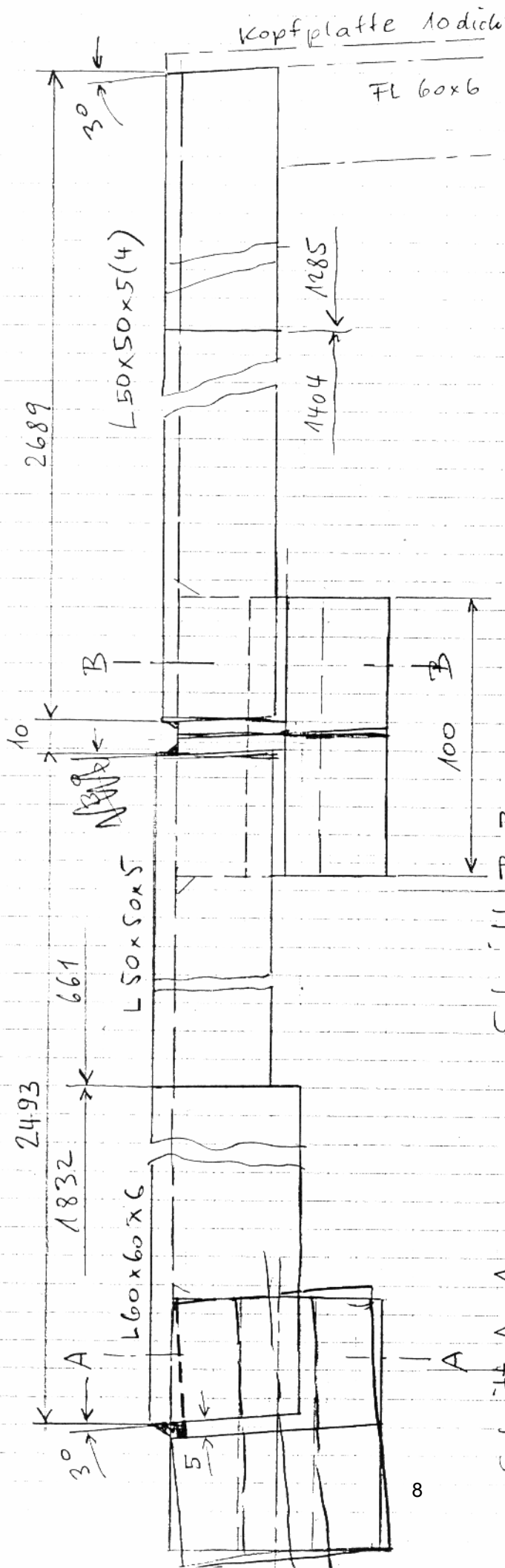
[illegible]

Hand-drawn diagram of a reinforced concrete beam cross-section. The beam has a total width of 630 mm and a total height of 910 mm. The top flange has a thickness of 25 mm. The main body of the beam has a height of 885 mm (910 mm - 25 mm). The beam is reinforced with 3 bars of diameter 11.5 mm ( $\phi 11.5$ ) and 3 bars of diameter 9 mm ( $\phi 9$ ) on the top, and 3 bars of diameter 9 mm ( $\phi 9$ ) on the bottom. The spacing between the top bars is 100 mm. The spacing between the bottom bars is 75 mm, 50 mm, and 15 mm. The beam is shown with a central longitudinal section cut, indicated by dashed lines and a triangle.

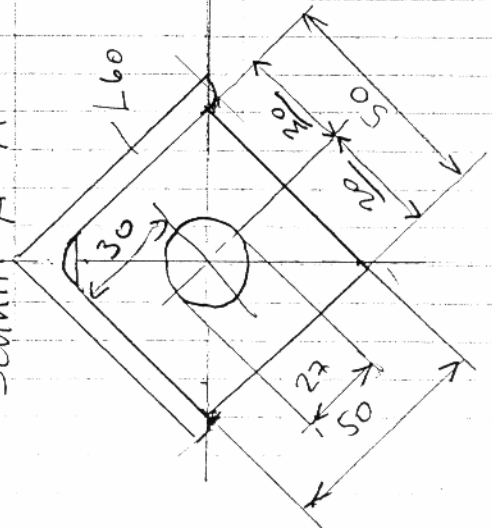
50x50x5  
880 kg 5737-2

# MAST ECKGURTE

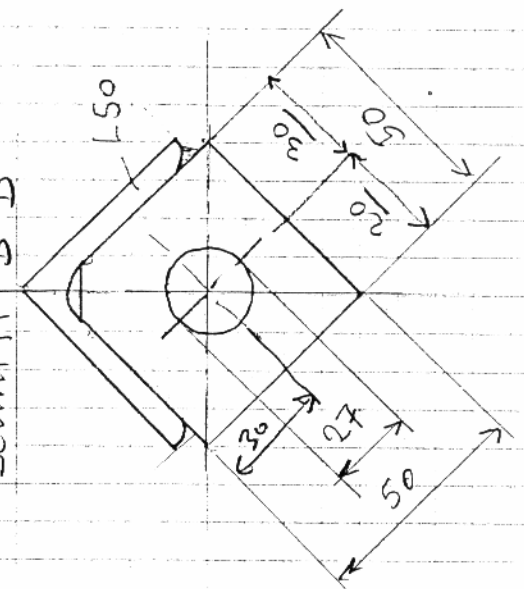
4 Stk



Schnitt A-A



Schnitt B-B



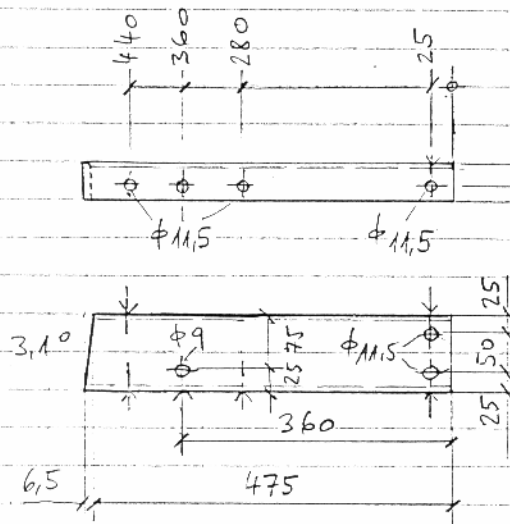
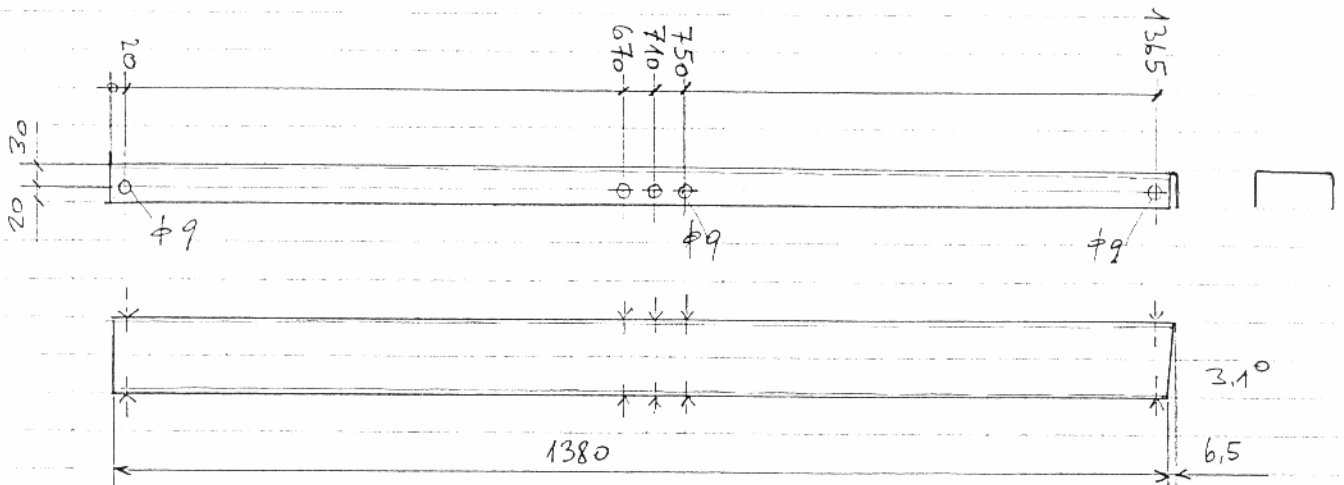
4 Stk	L 60x60x5 + L 50x5	2493	Schrap
4 Stk	L 50x50x5	2689	Schrap
8 Stk	Vkt 50x50	10200	

8 Stk	Schrauben M24x140	
8 Stk	Muttern M24	
8 Stk	Schrovscheiben M24	

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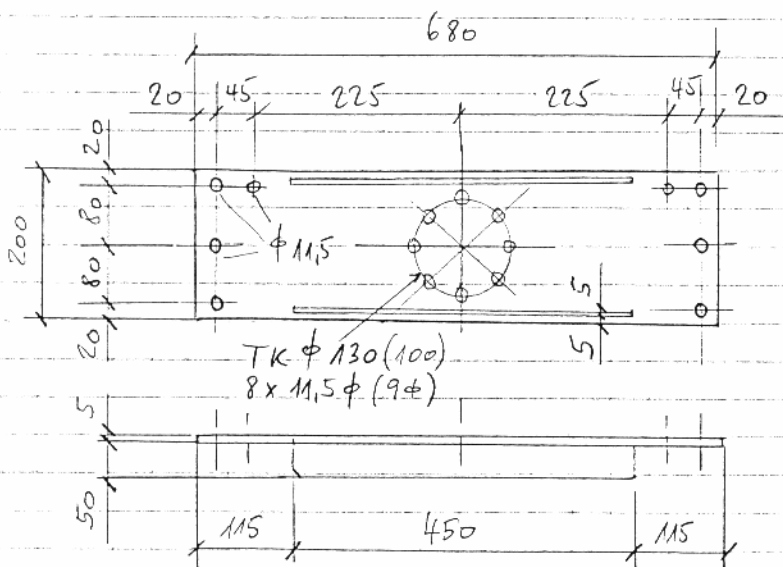


8 Stk UNP 50x100x50x3 4 Stk rechts, 4 Stk links



8 Stk UNP 50x100x50x3  
4 Stk links, 4 Stk rechts

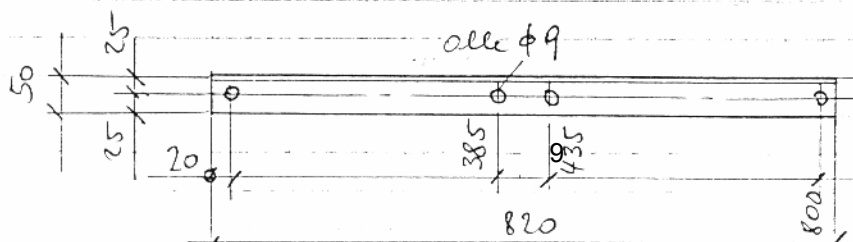
GEGENAUSSLEGER Einzelteile  
(für 2-fache Ausführung.)



4 Stk

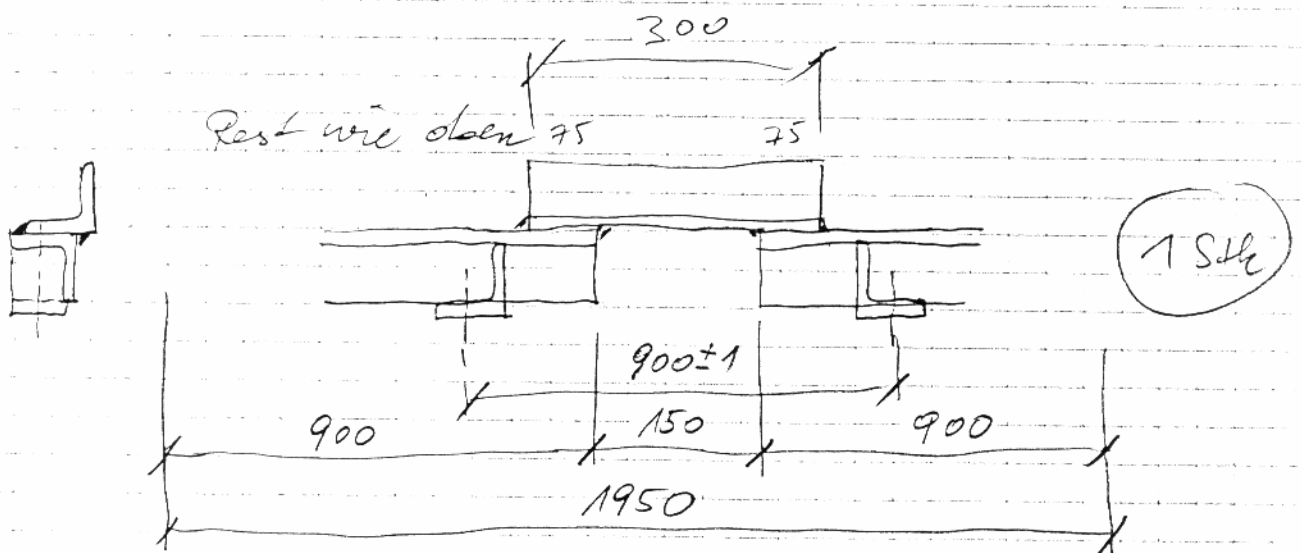
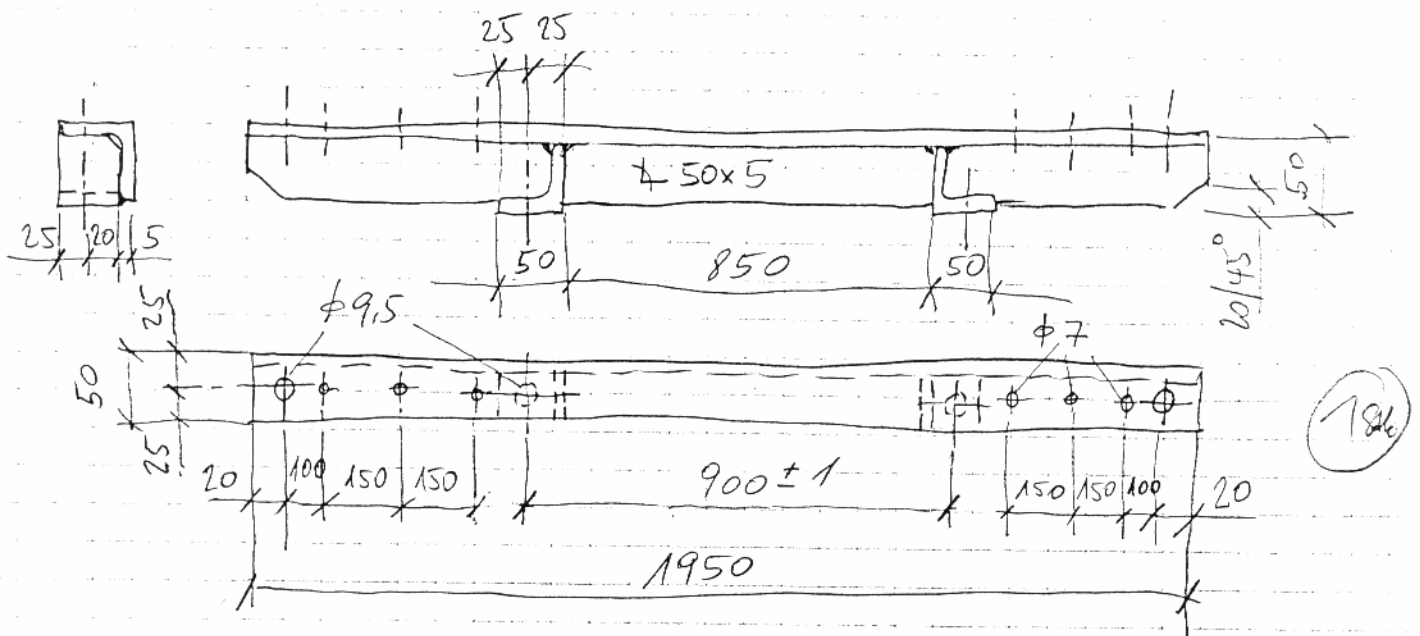
Blechzuschnitt  
680x200x5

FL 50x5 - 450



2 Stk

4 50x50x5



1 Sth	L 50x5	1950 lp
2 Sth	"	900 lp
1 Sth	"	300 lp
4 Sth	"	45 lp

## STÜCKELISTE

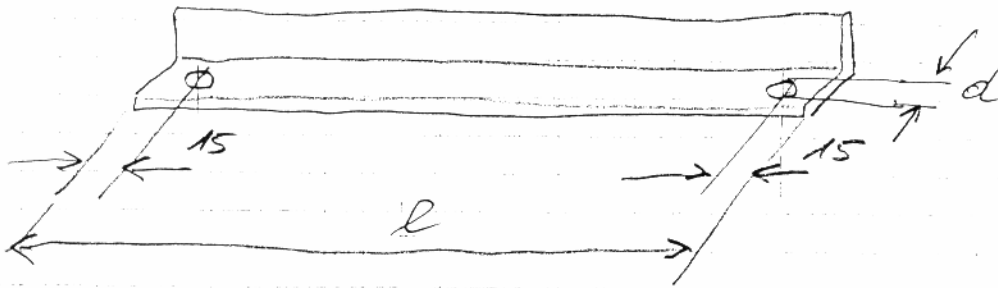
MAST

ohne Eckgurtchen

4	FL 60x6	St 37	304	schräg 2°
4	FL 30x6		684 <del>703</del>	<del>horizontal</del>
4	— " —		500	— " — 2°

✓ 4	⌈ 35x35x5	St 37	500
✓ 4			535
✓ <del>4</del>	⌈ 40x40x4	St 37	590 x
1	⌈ 50x50x5	St 37	610
✓ 4	⌈ 50x50x5	St 37	470
✓ 4			520
✓ 4			580
✓ 4			735
✓ 4			790
✓ 4			630
✓ 4			675
✓ 4			720
✓ 8			800
✓ 4			840
✓ 4			880

# DIAGONALEN



16 Stk	L 30x30x4	$l = 744$	$d = 9$
8 Stk	L 30x30x4	$l = 670$	"
8 Stk	— " —	$l = 918$	"
4 Stk	— " —	$l = 473$	"
8 Stk	— " —	$l = 387$	$d = 11,5$
4 Stk	— " —	$l = 793$	$d = 11,5$

## Stückliste

U-Leichtprofil UNP 50x100x5x3(4) <sup>(EHG)</sup> 2x6m + 1x4m

4 Stk 2762 kg

4 Stk 952 kg

50x50x5 St37 Flachstahl 50x5(6)

4 Stk 910 kg

8 Stk 450 kg

4 Stk 700 kg

10 Stk 100x8 406 kg

8 Stk 880 kg - (3 Stk PM3 Hard)

2 Stk 820 kg

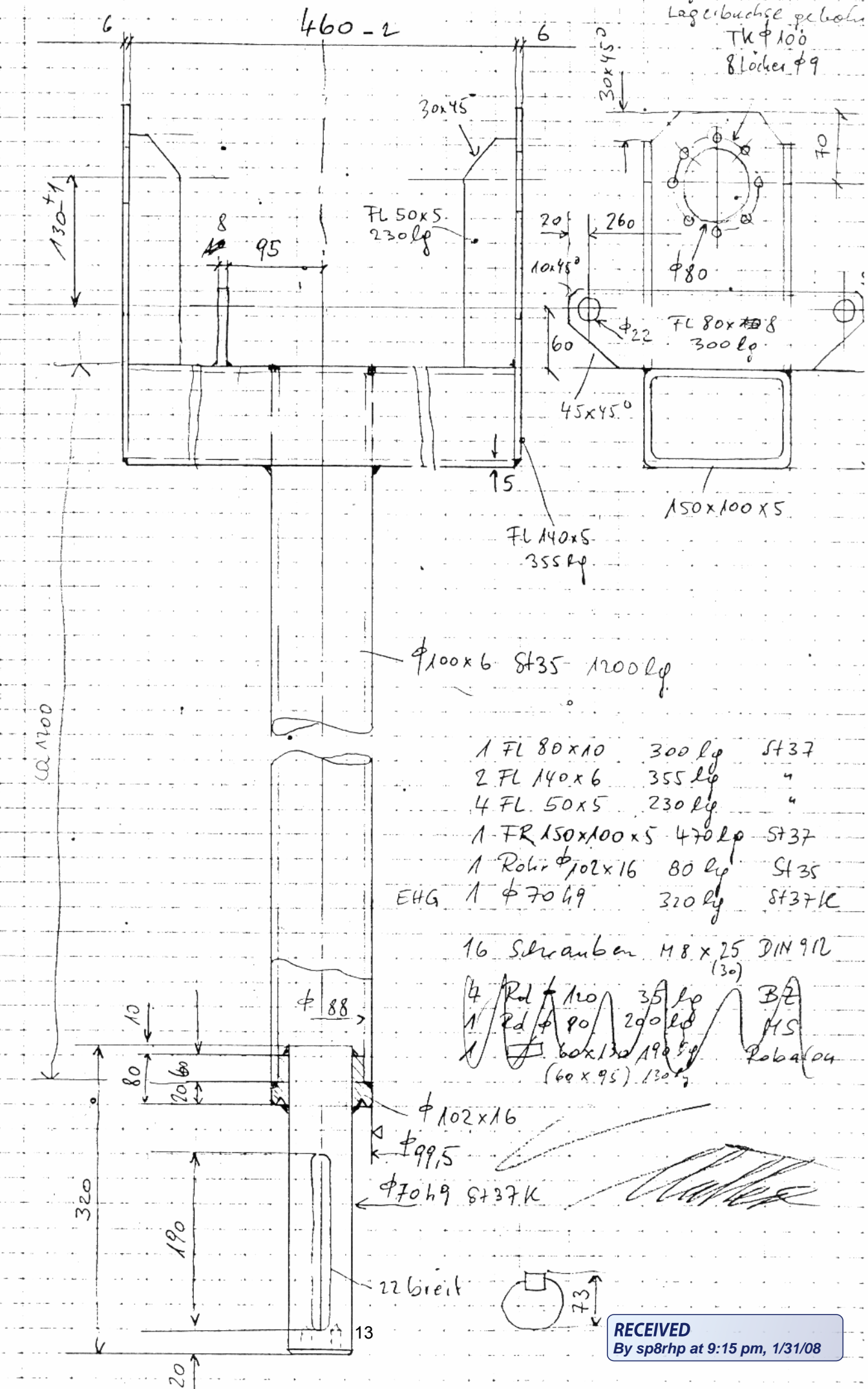
7 Stk

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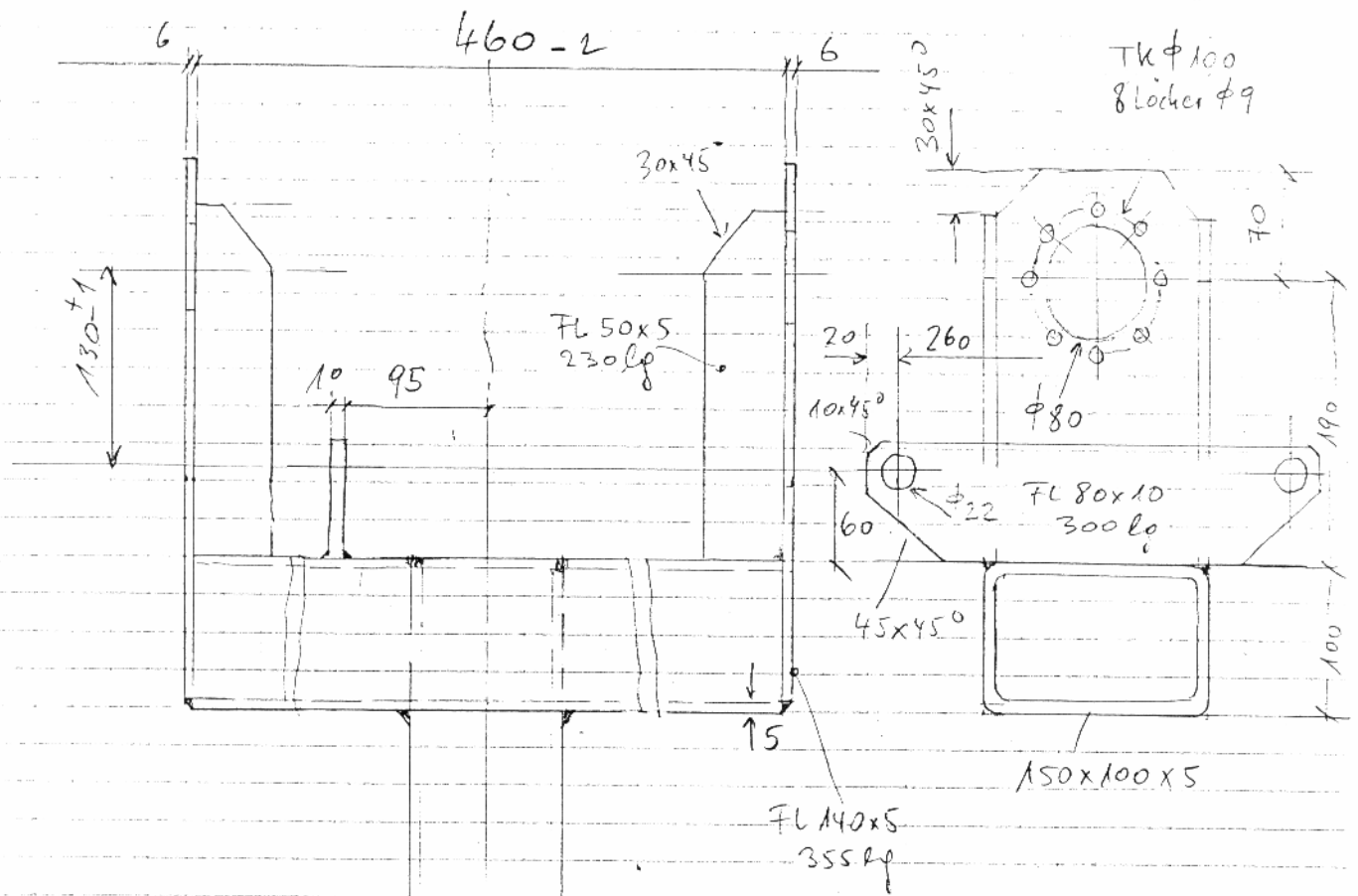
Blechzuschnitt 680x200 5mm dick St37 4 Stk

1 Stk Alu-Rundmaterial  $\phi 120$  350 mm lg  
Bohr-Dreh-Fräsqualität

GEGENAUSSIEGER



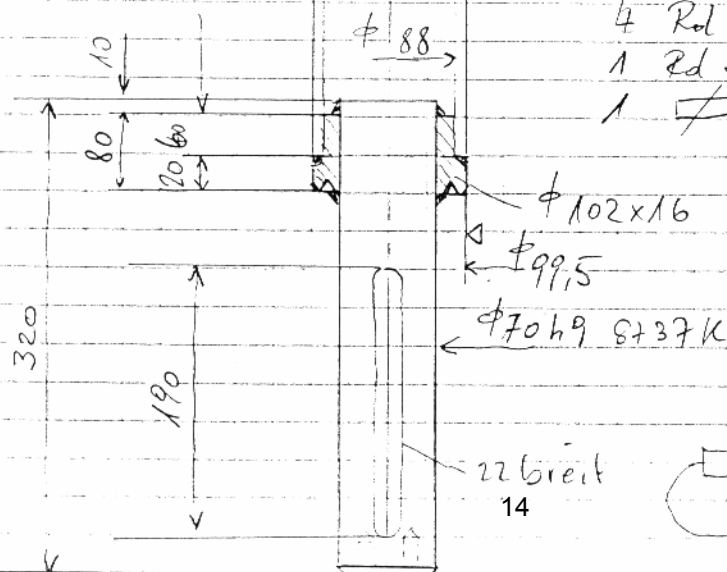




1 FL 80x10 300 lg St37  
 2 FL 140x6 355 lg "  
 4 FL 50x5 230 lg "  
 1 FR 150x100x5 470 lg St37  
 1 Rohr  $\phi 102x16$  80 lg St35  
 EHG 1  $\phi 70$  320 lg St37K

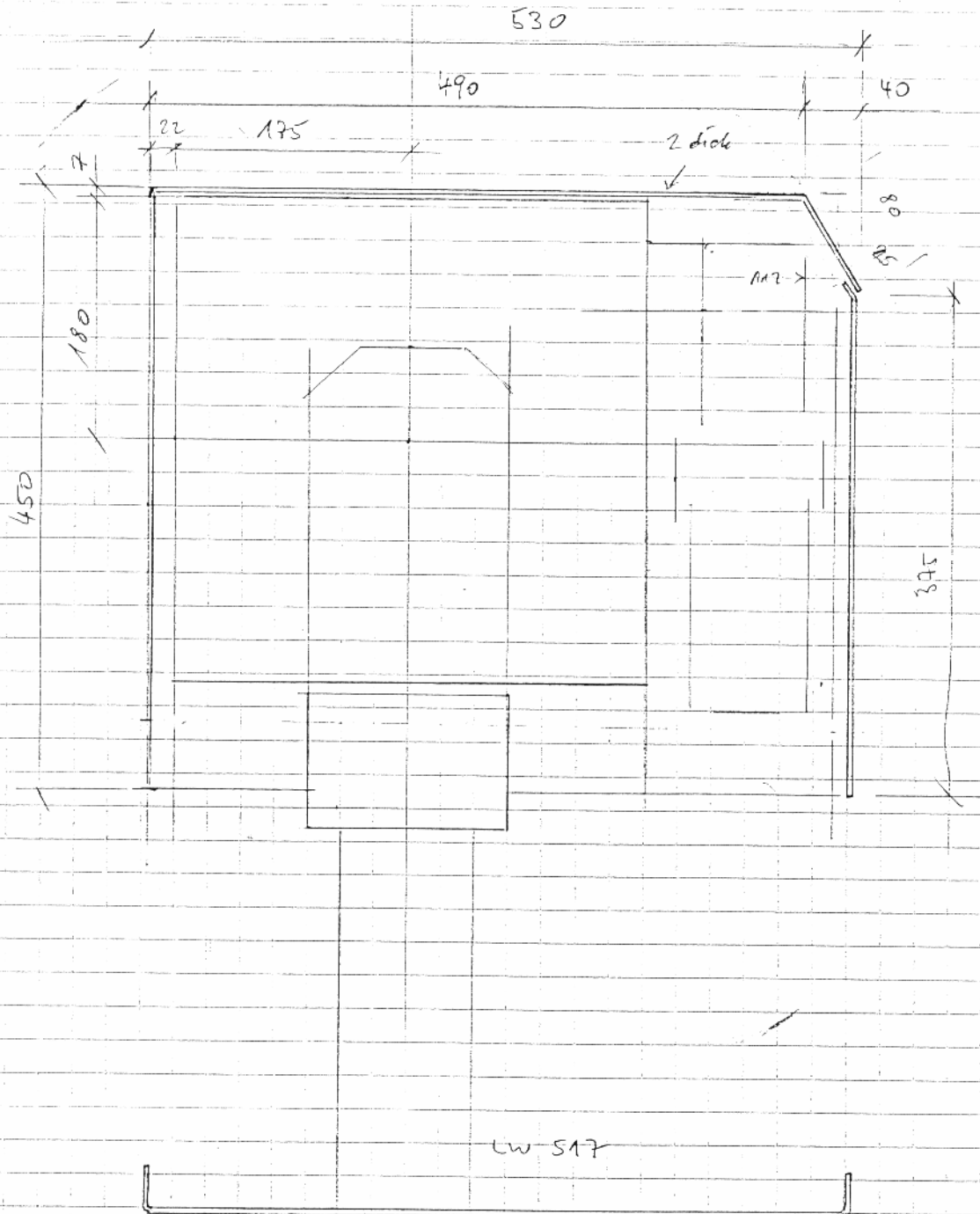
16 Schrauben M8x25 DIN 912  
 (30)

4 Rd  $\phi 120$  35 lg BZ  
 1 Rd  $\phi 90$  200 lg MS  
 1  $\nabla$  60x130 190 lg Robalon  
 (60x95) 130 lg



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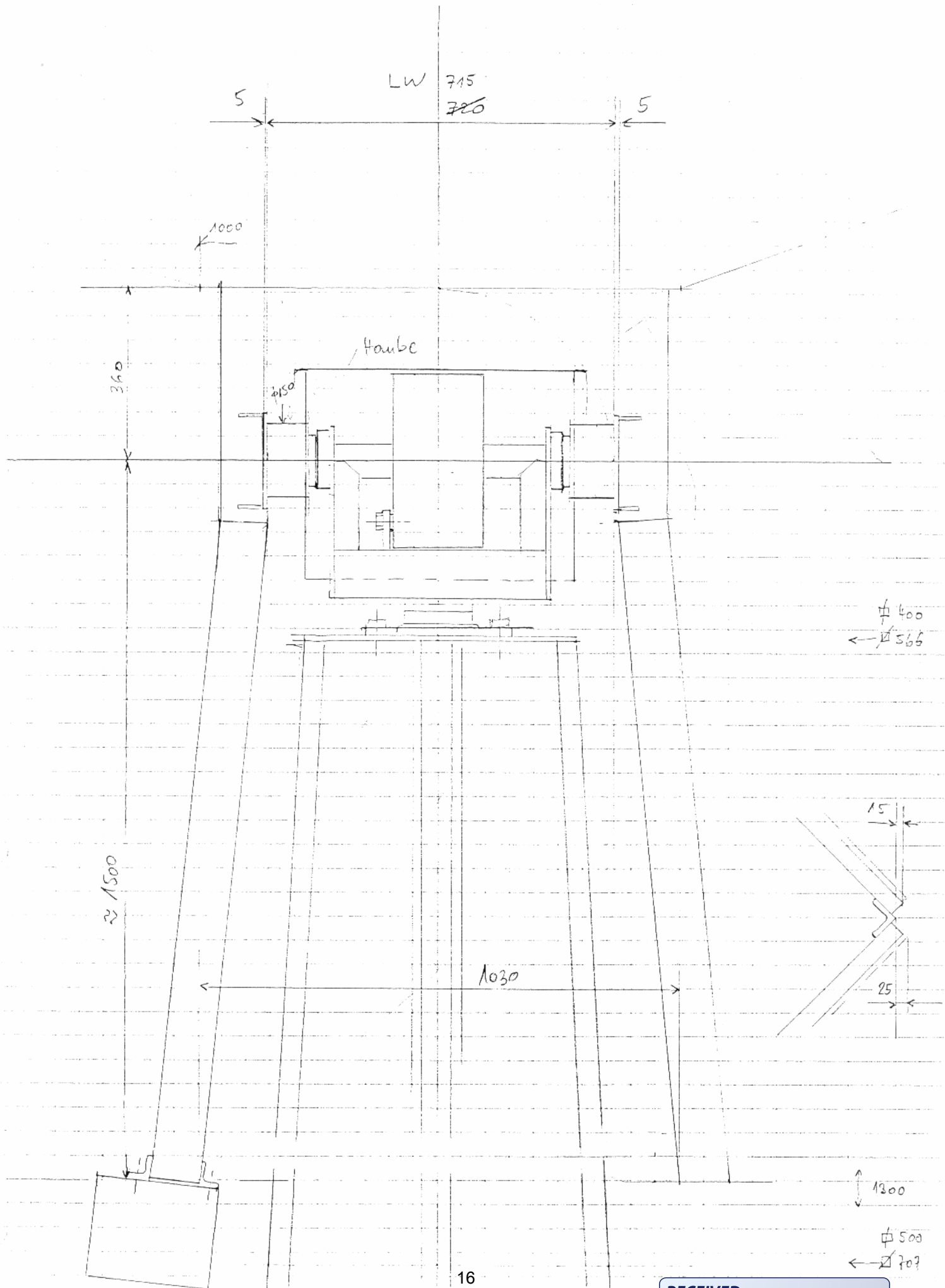
# COVER EL - DRIVE

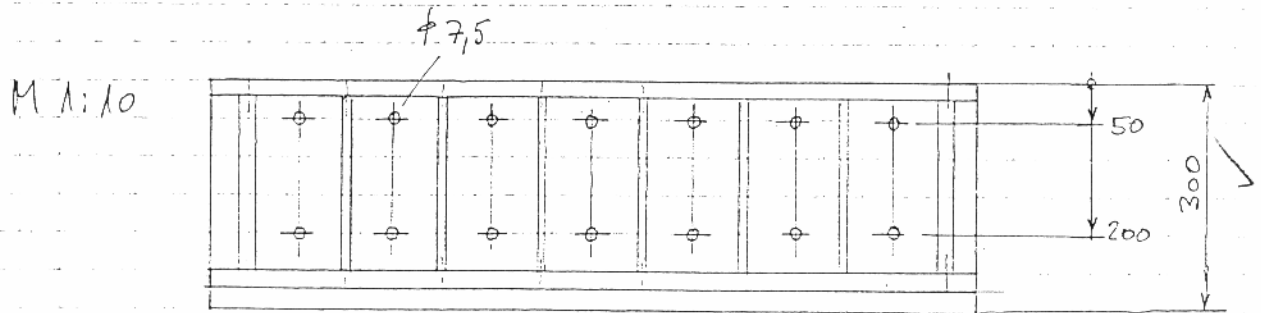
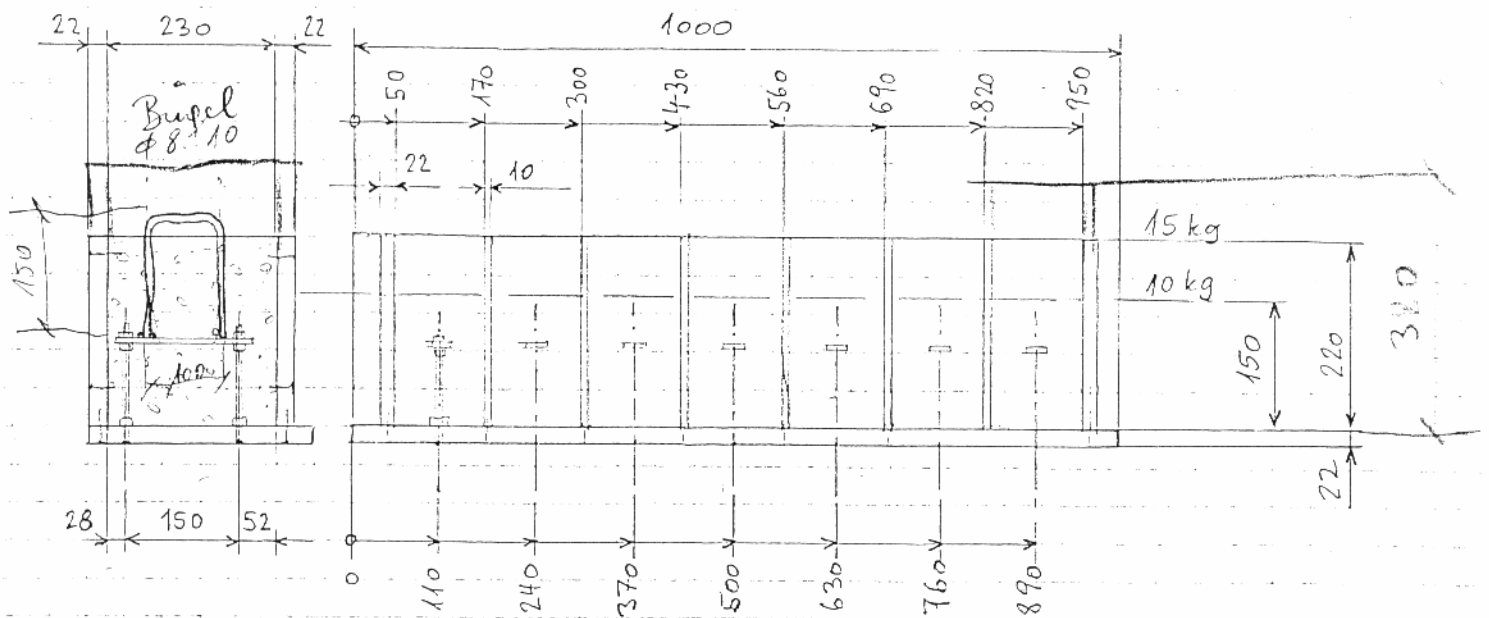


520 + 1  
60  
580

450  
490  
75  
1015

220  
210  
390  
820





GEGENGEWICHTE  
CONTERWEIETH

2 Stk  $h = 150$  (10 kg), 2 Stk  $h = 220$  (15 kg)

Zuschnitte Spanplatten Maße in mm

22 mm ✓ 2 Stk  $300 \times 1000$

✓ 4 Stk  $320 \times 1000$

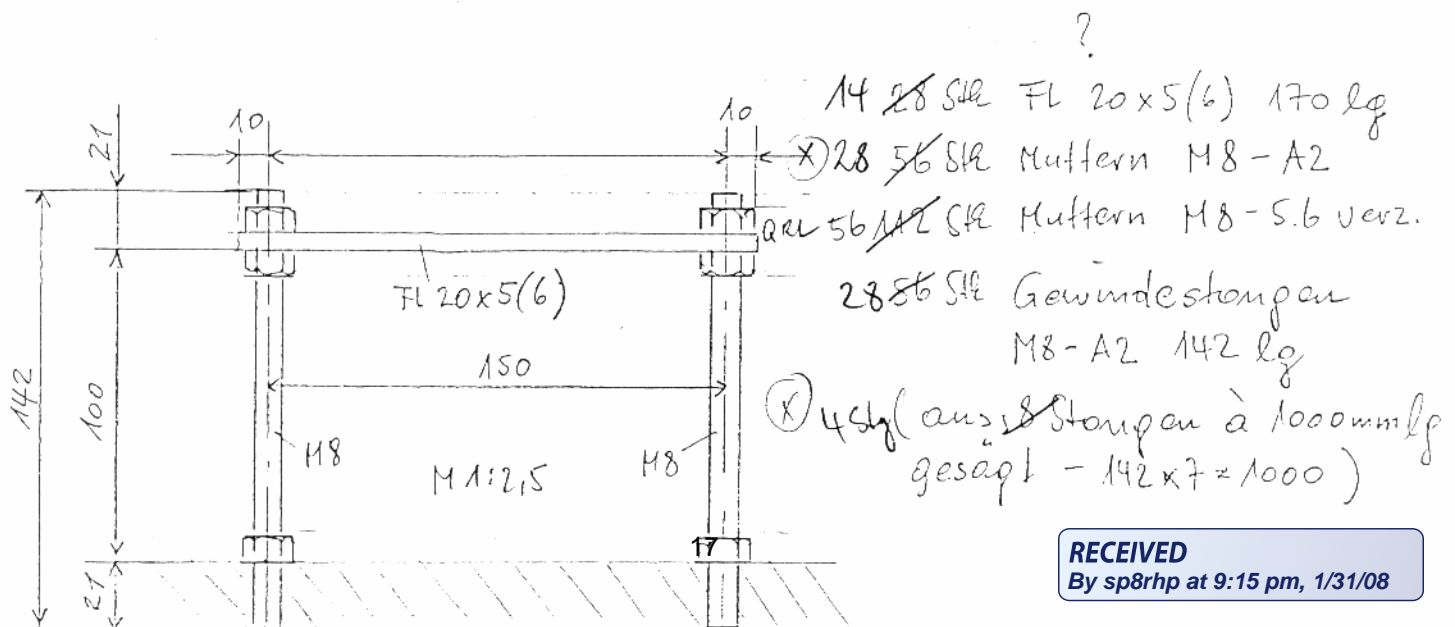
~~4 Stk  $150 \times 1000$~~

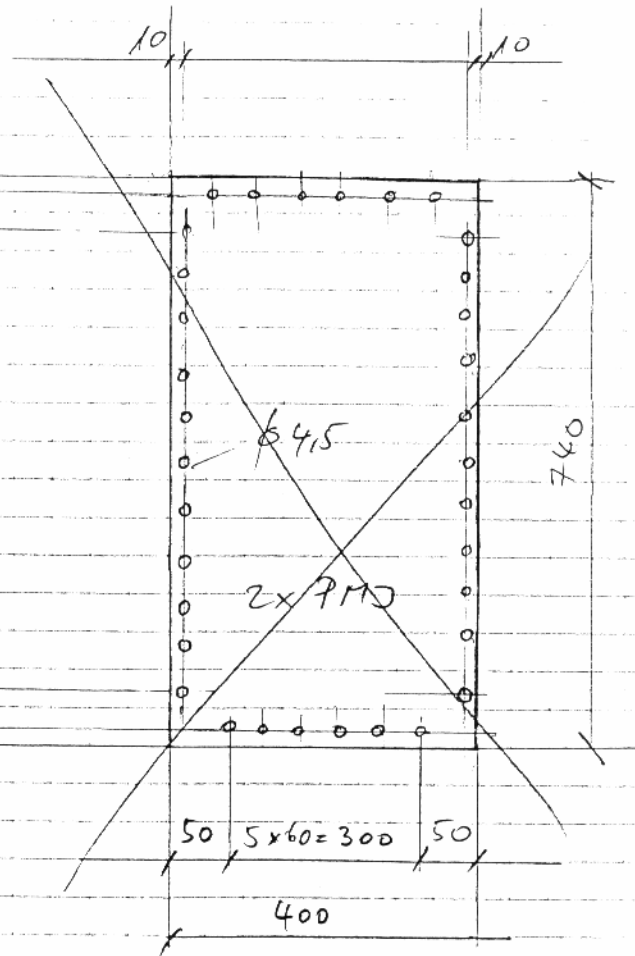
✓ 4 Stk  $320 \times 230$

~~4 Stk  $150 \times 230$~~

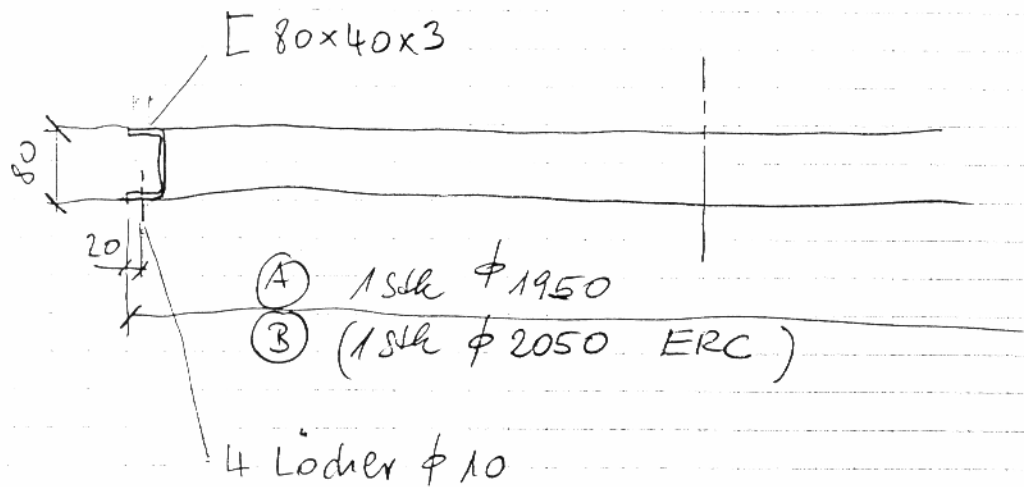
✓ 103 mm 12 Stk  $230 \times 320$

~~12 Stk  $230 \times 150$~~



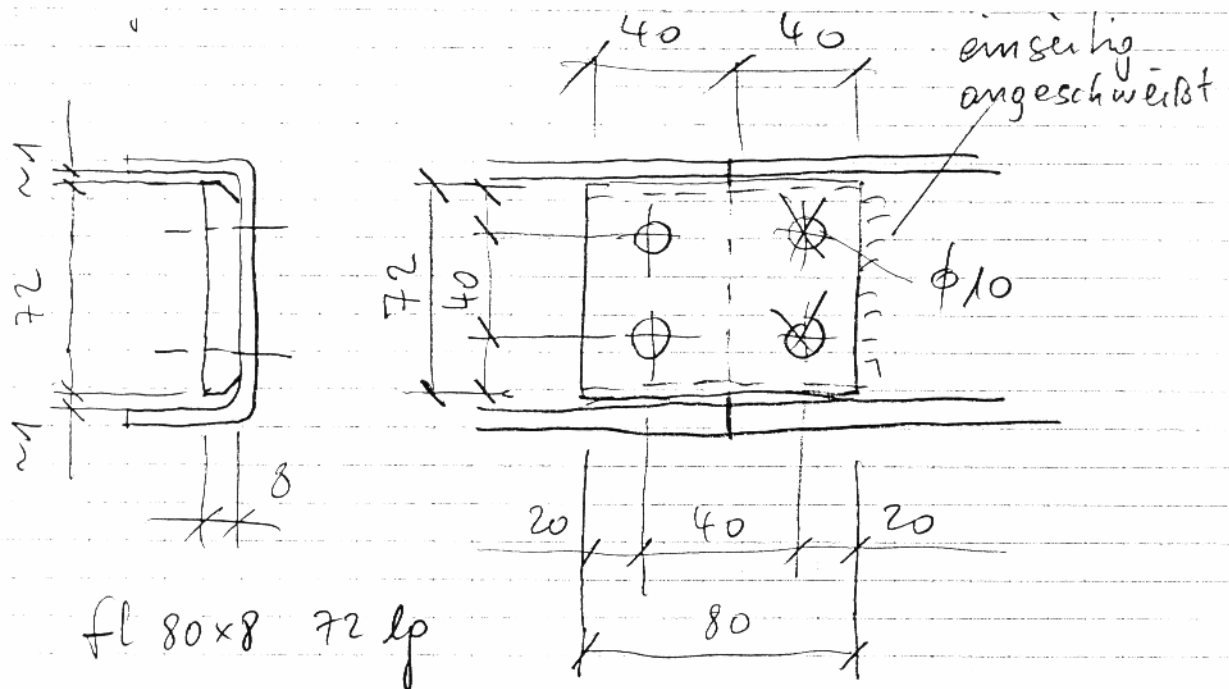




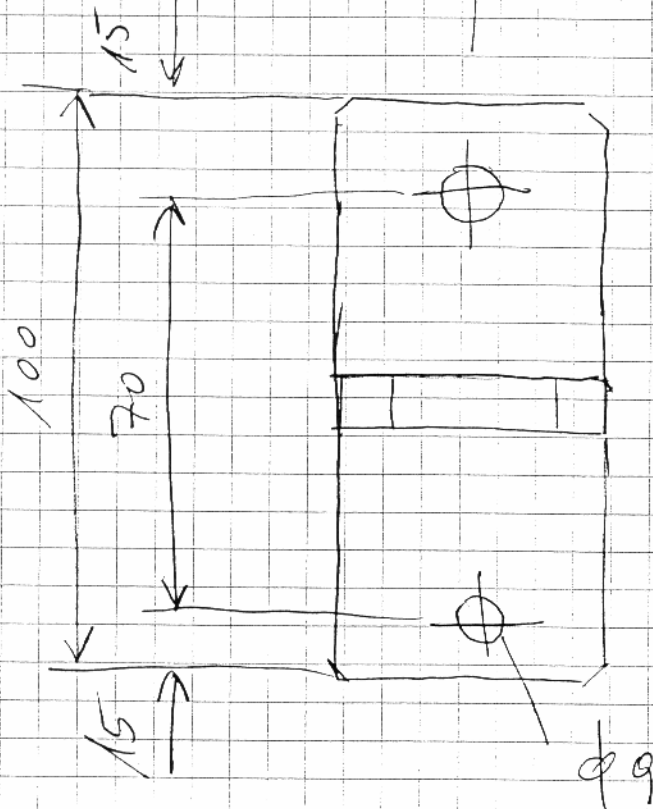
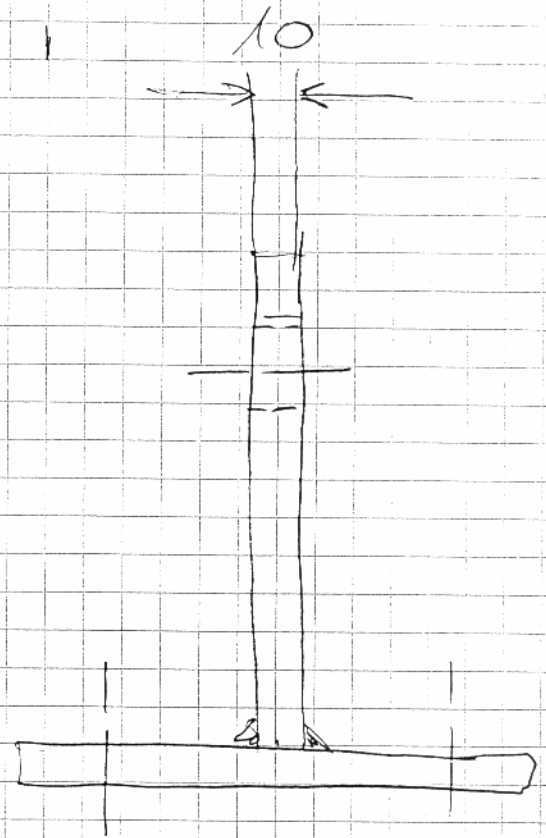
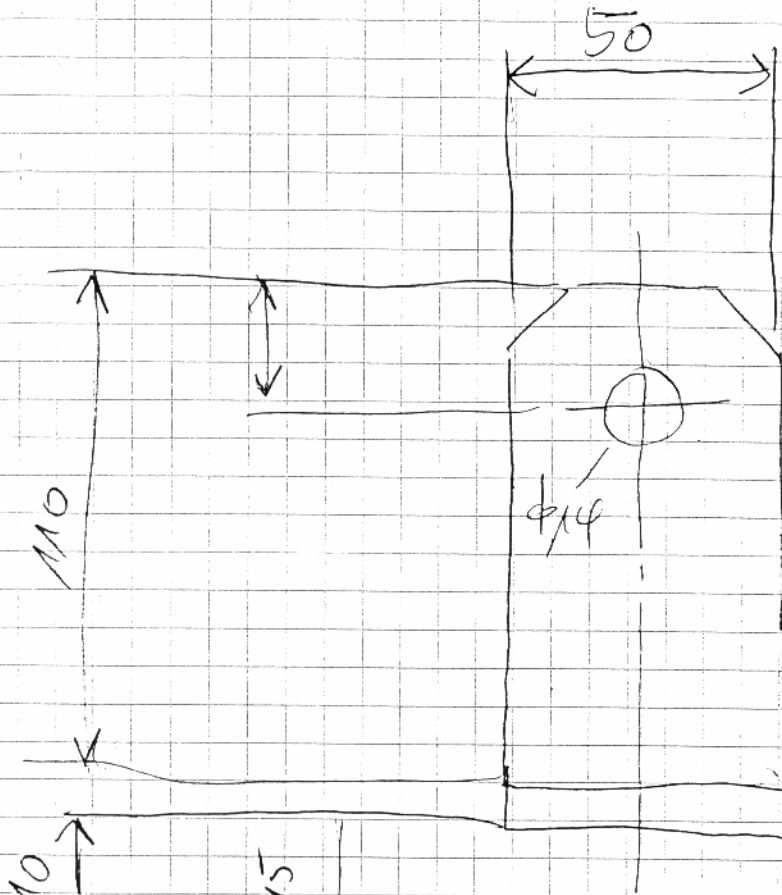


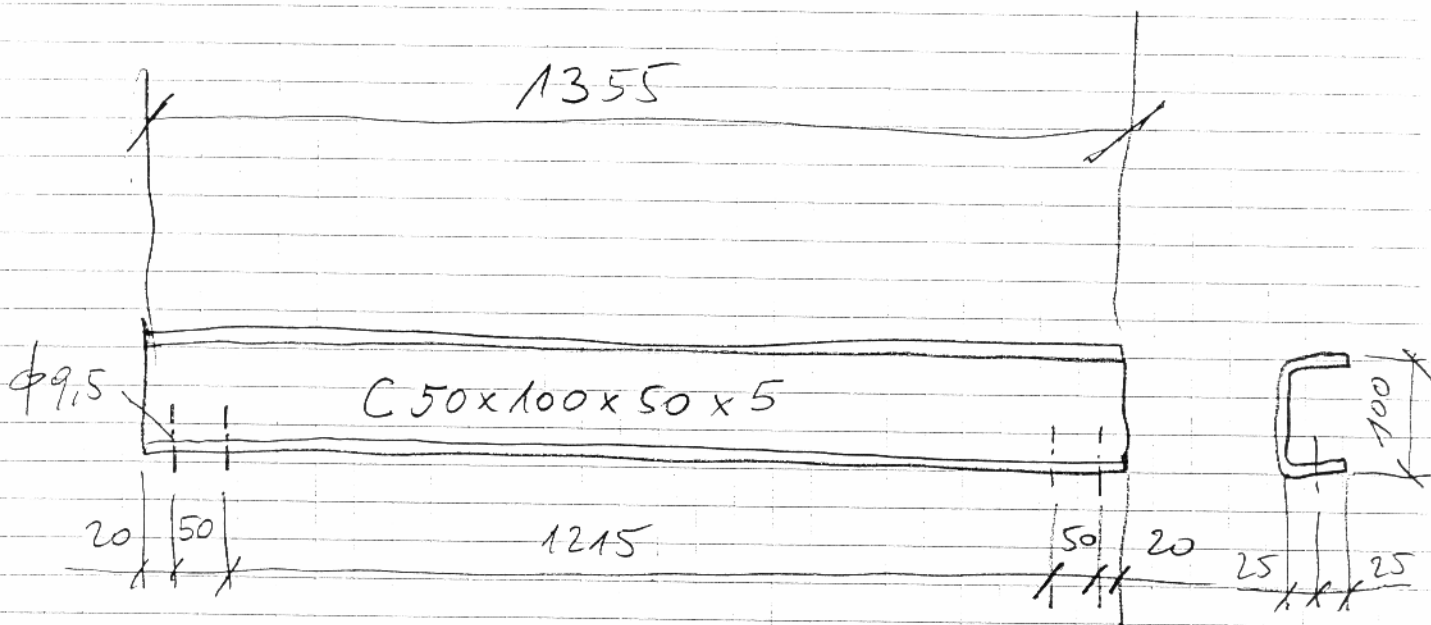
- (A) gestr. l = 5938
- (B) gestr. l = 6252

### STOßSTELLE



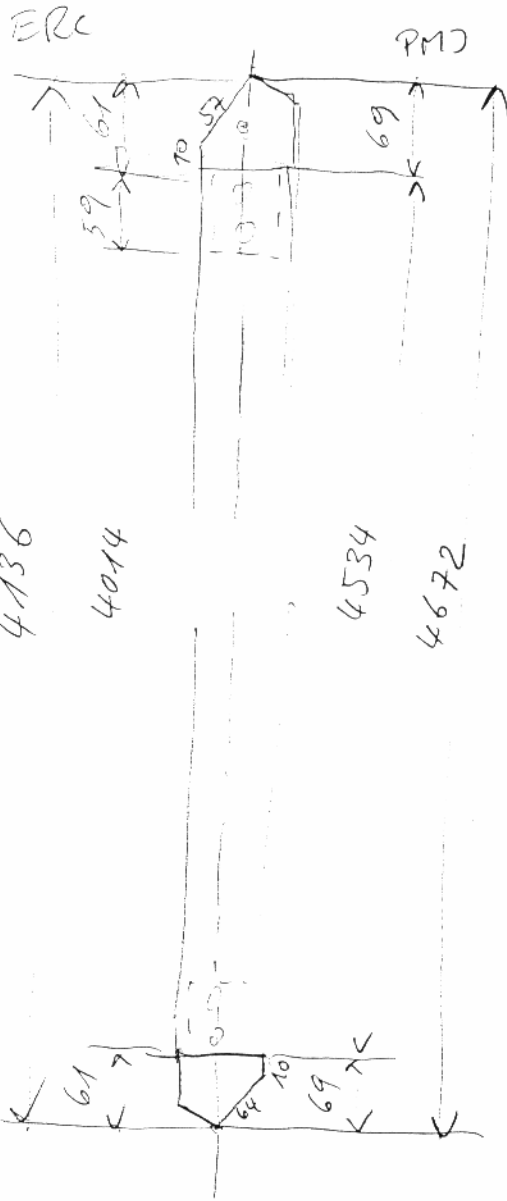
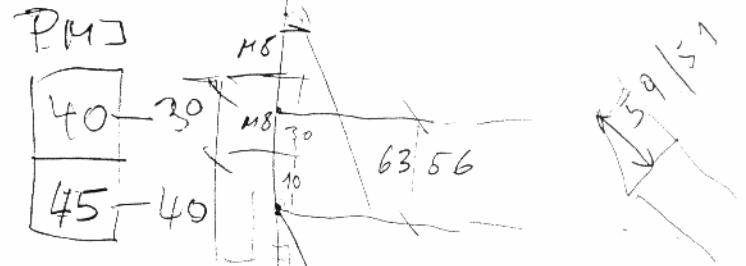
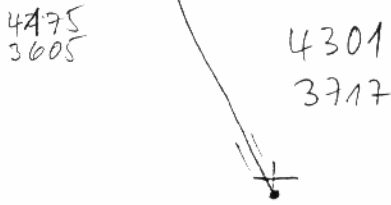
4 Side



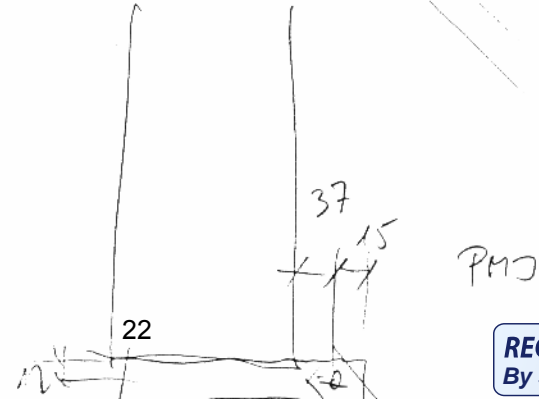
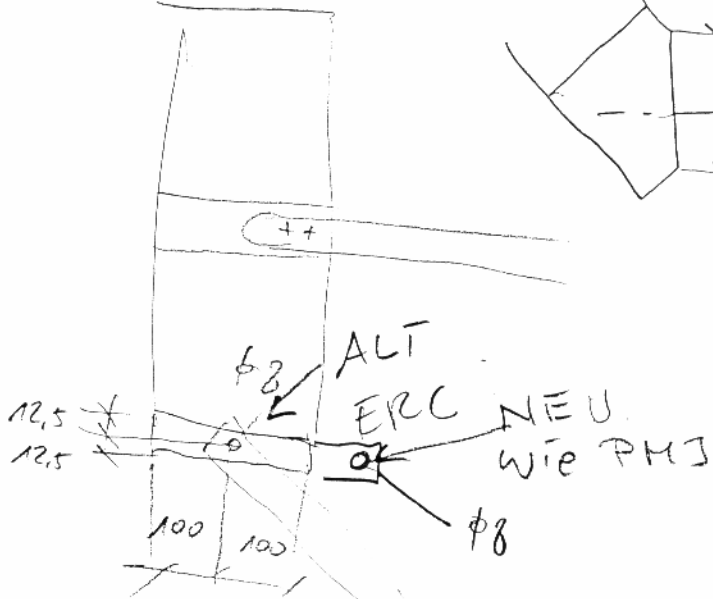
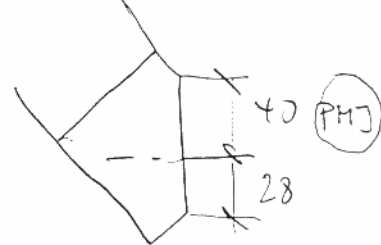
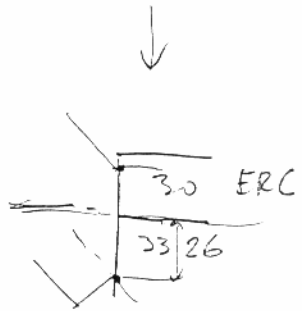
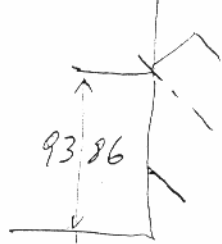


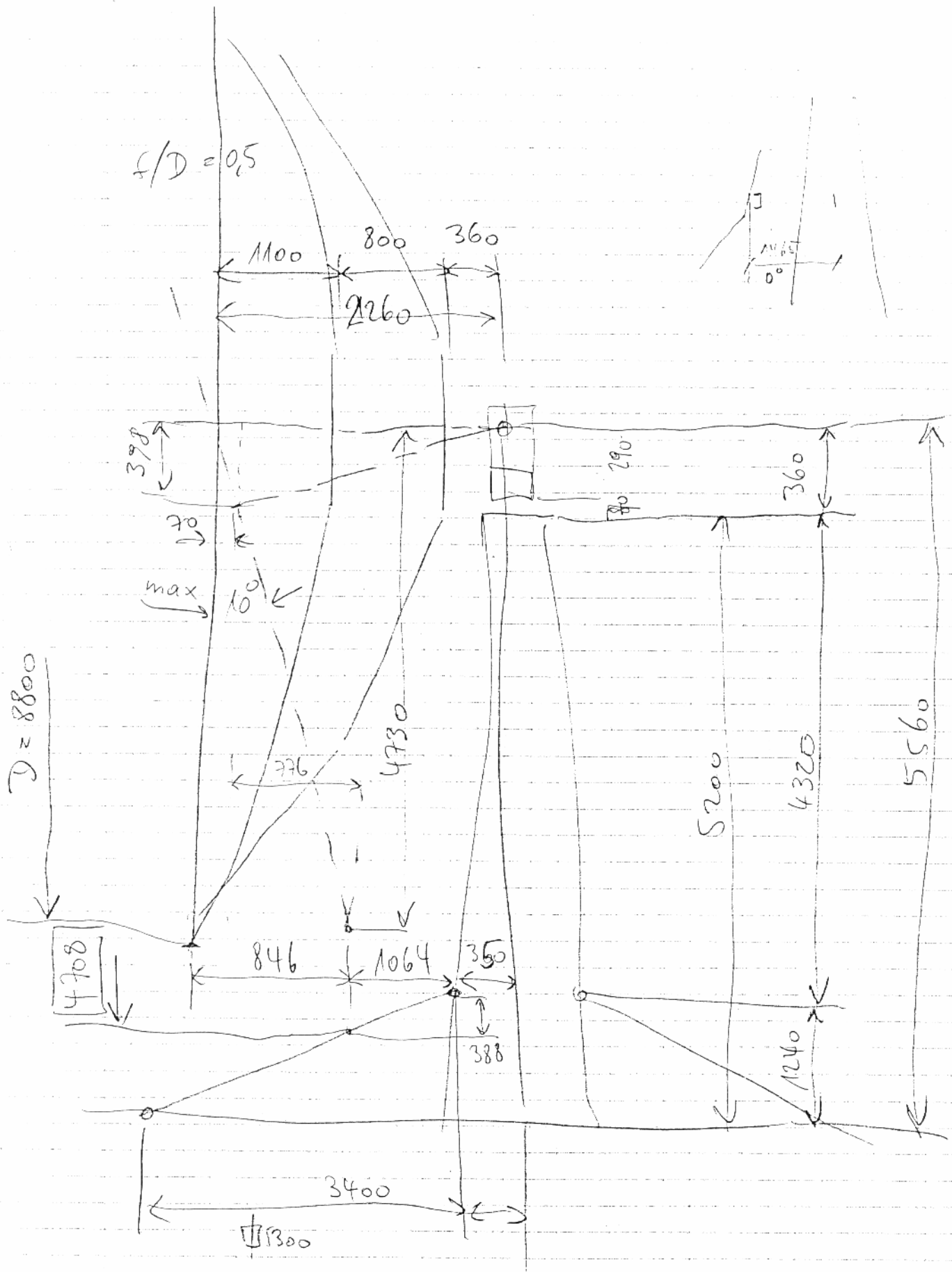
1 SKG

59 / 64  
51 / 57



+ 126  
+ 112

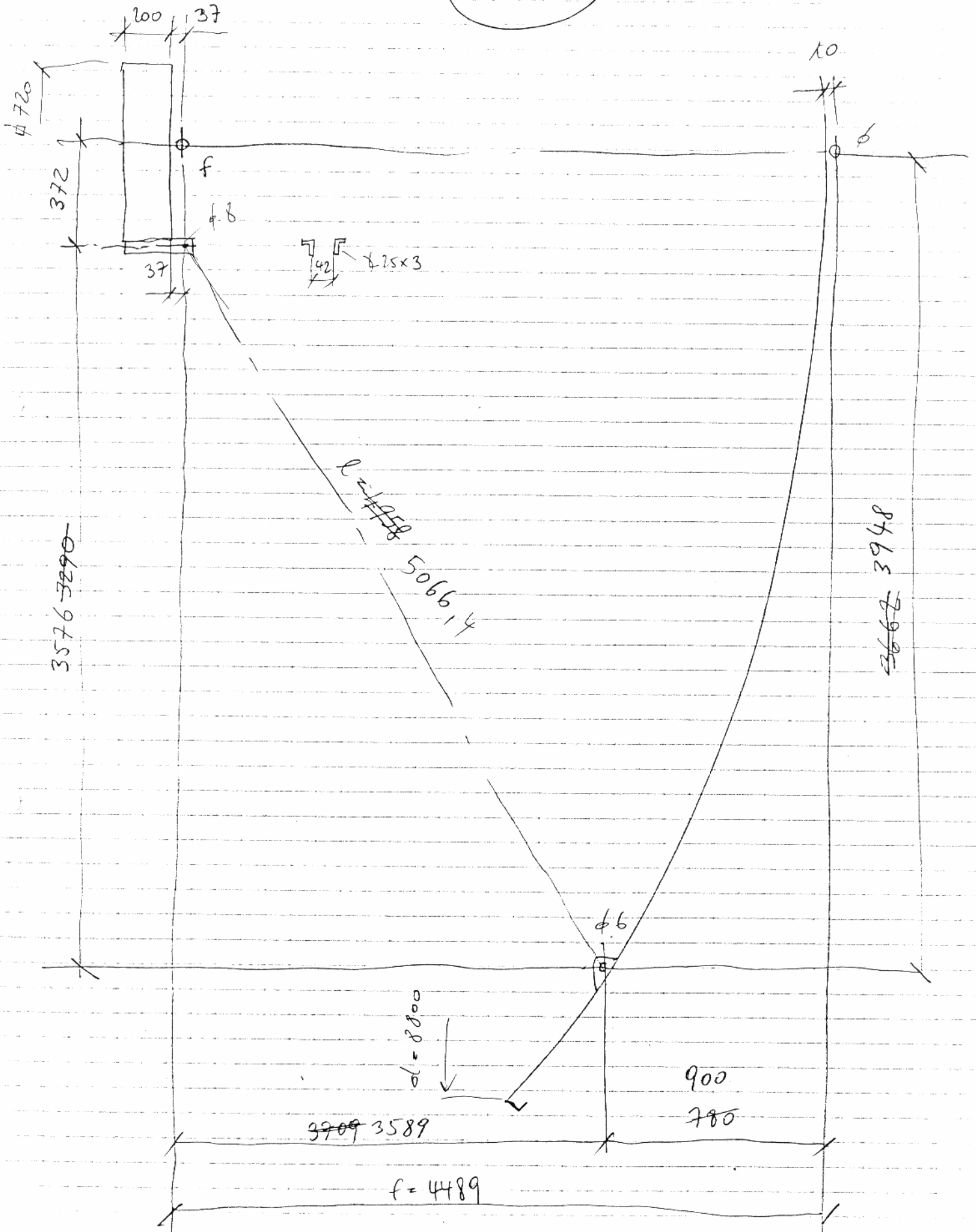




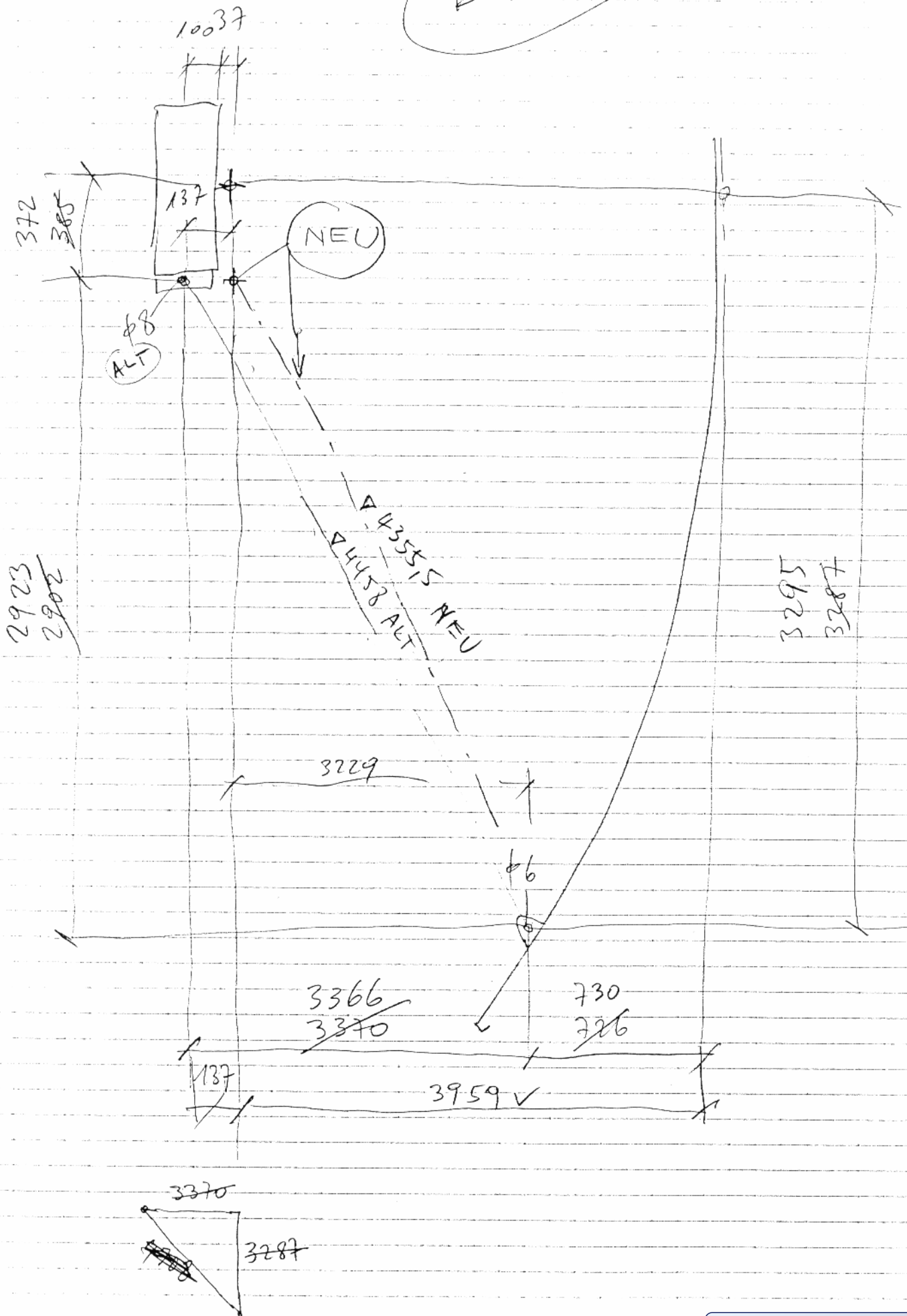
Anschluss bei  $\alpha = 9^\circ$  ELW

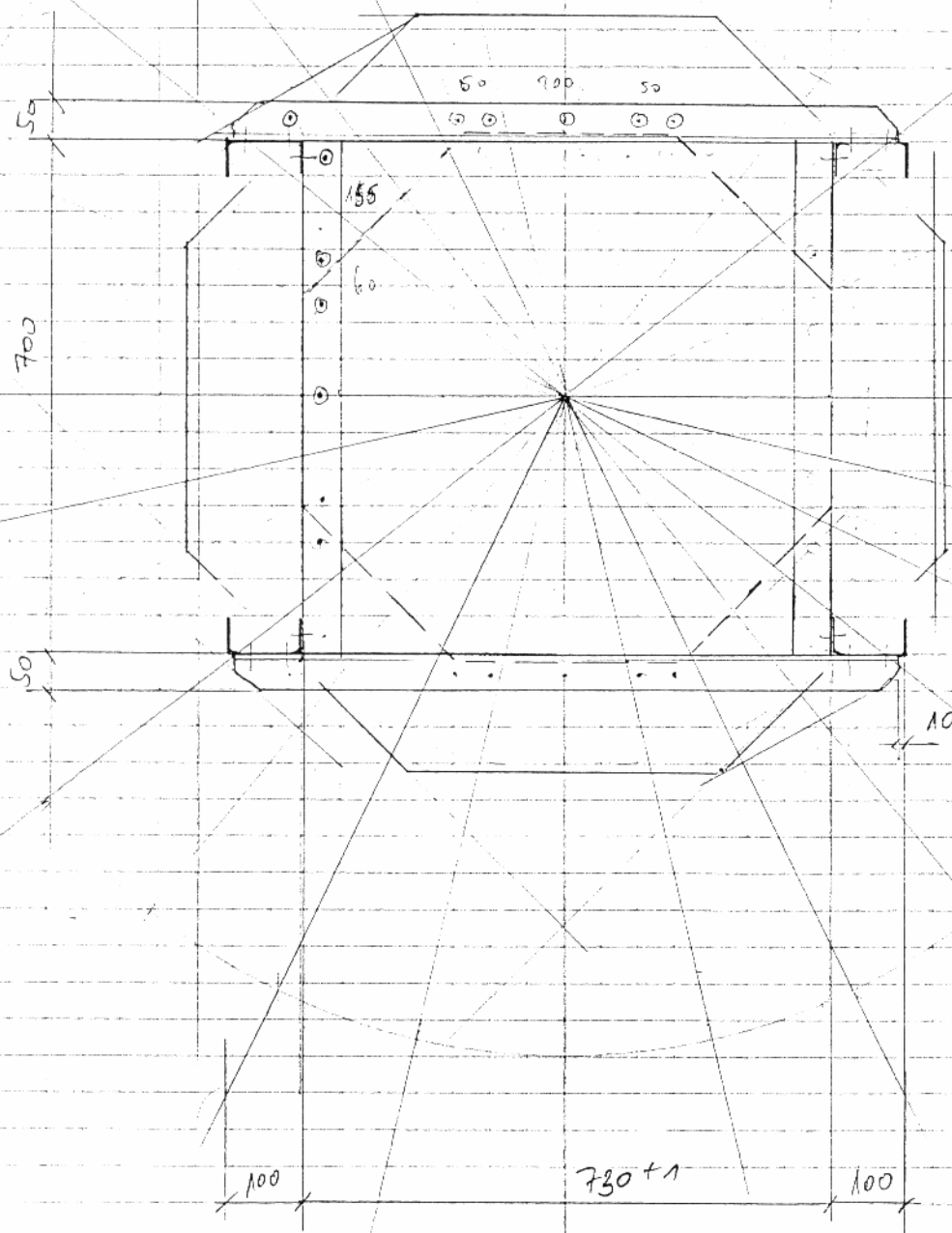


PM3



ERC



$$S_7 = 78$$
$$4 \cdot 7 = 28$$
$$3 \cdot 8 = 24$$

$$\begin{array}{l} 2 \times 60 \\ 1 \times 110 \\ 1 \times 210 \end{array}$$

227

232

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26

6  
125  
420

80

490

20

65-

$$4 \times 260 = 1040 + 4 \times 400 = 1600$$

MA 25

800/280		800/260		
740	740	740	740	100
400	400	400	400	260

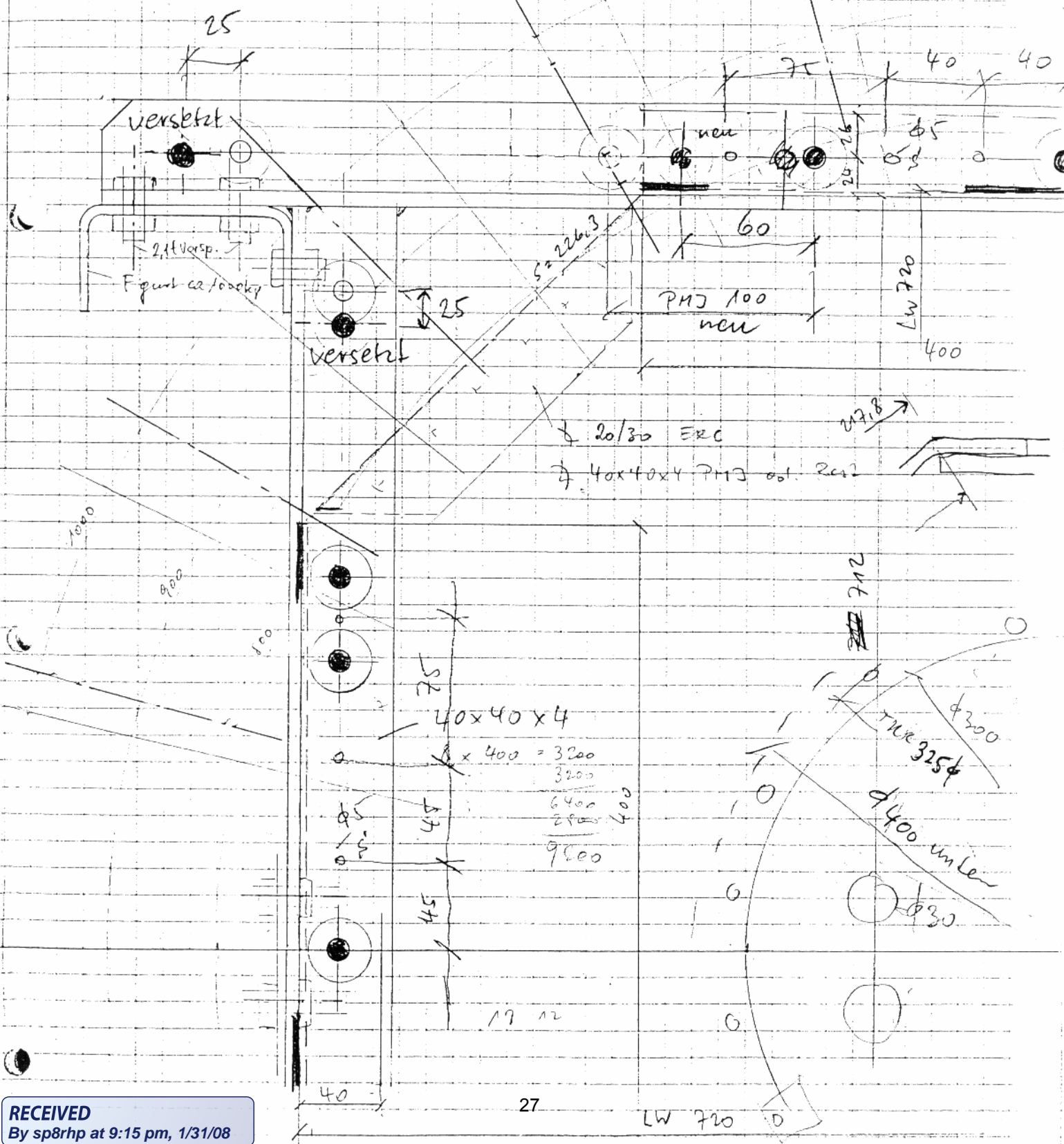
2x

800/260		
		800
		260

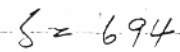
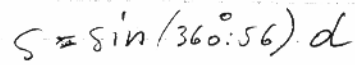
1x

126,58  
108,64

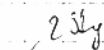
ERC



4518



aus einzel Stg.  
1 + 11

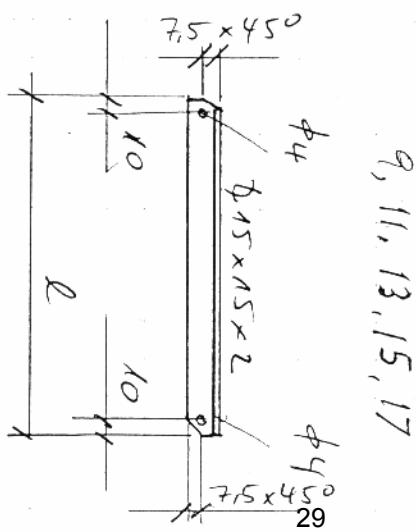
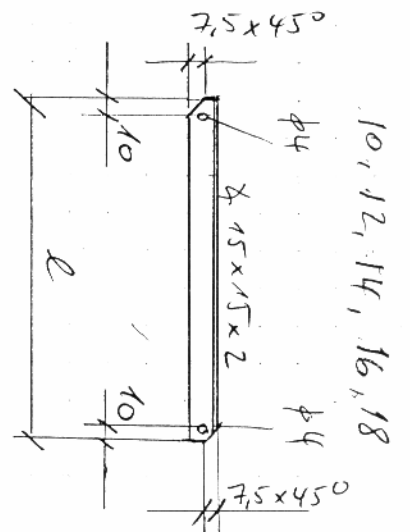
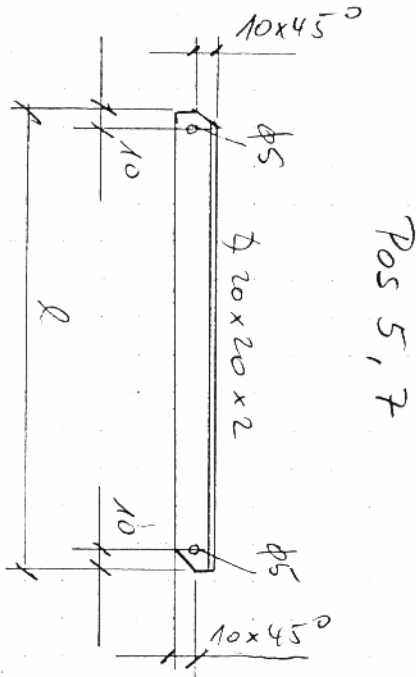
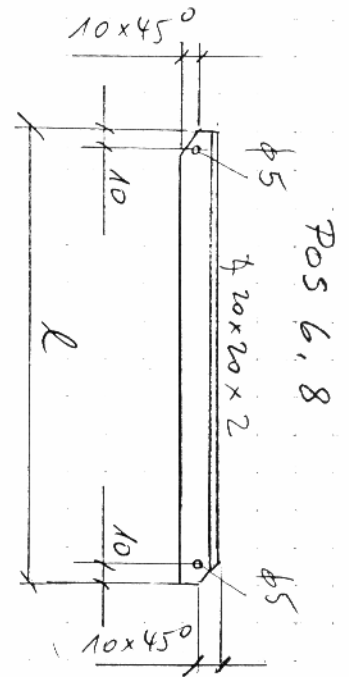
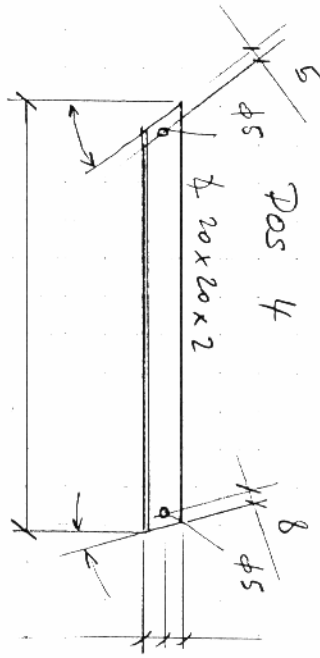
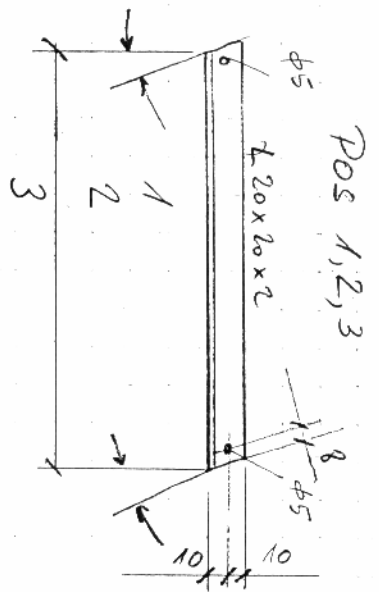


22x

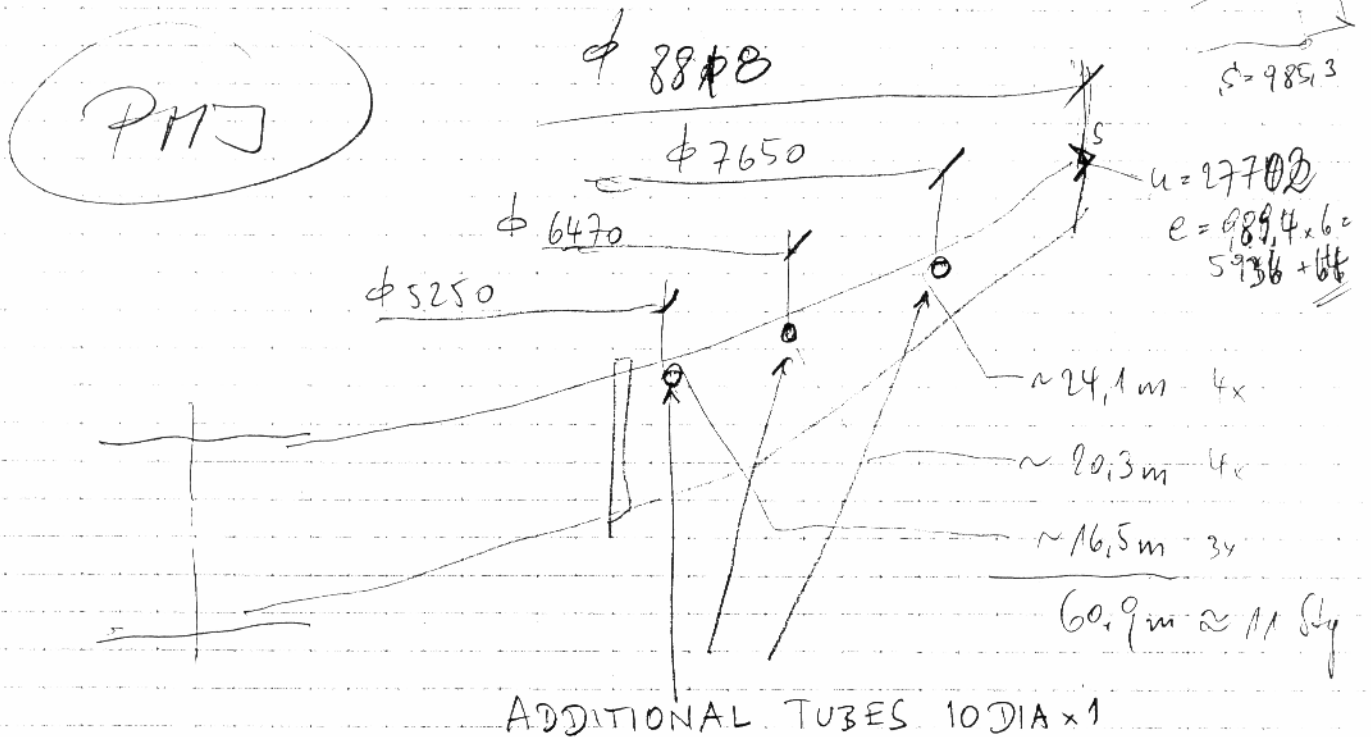
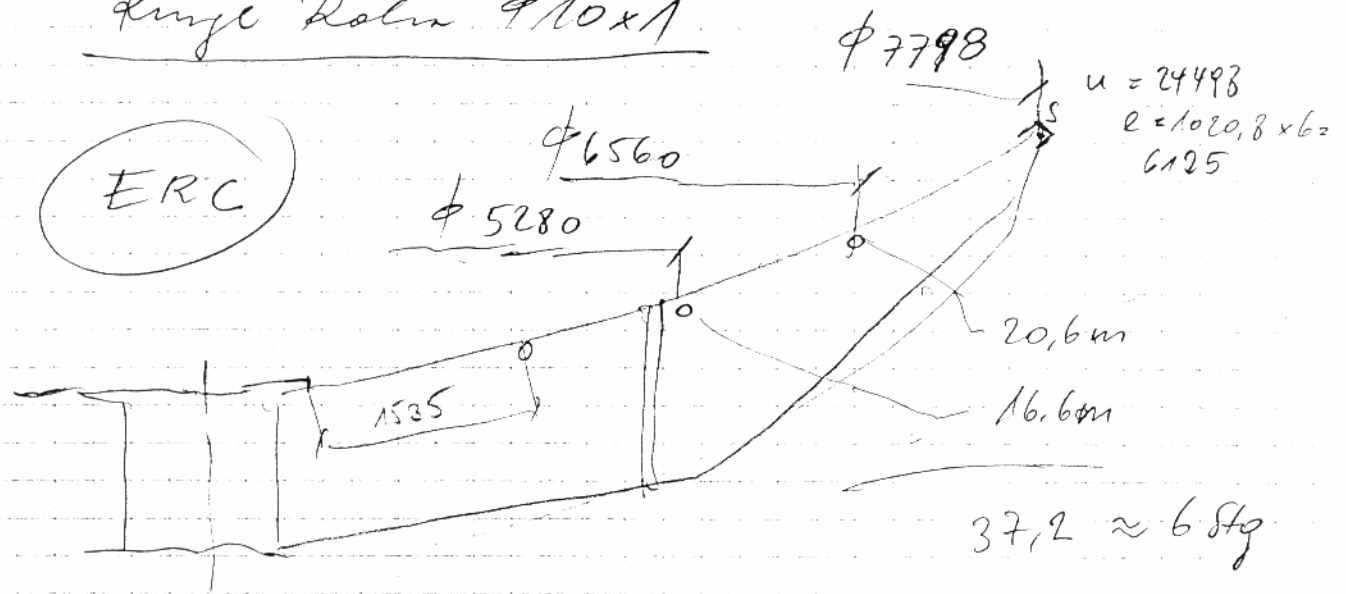


$$3 \times 530 + 4 \times 517 + 2 \times 786 = 5750$$





Ringe Rohr  $\phi 10 \times 1$



gesamt 17 Stg

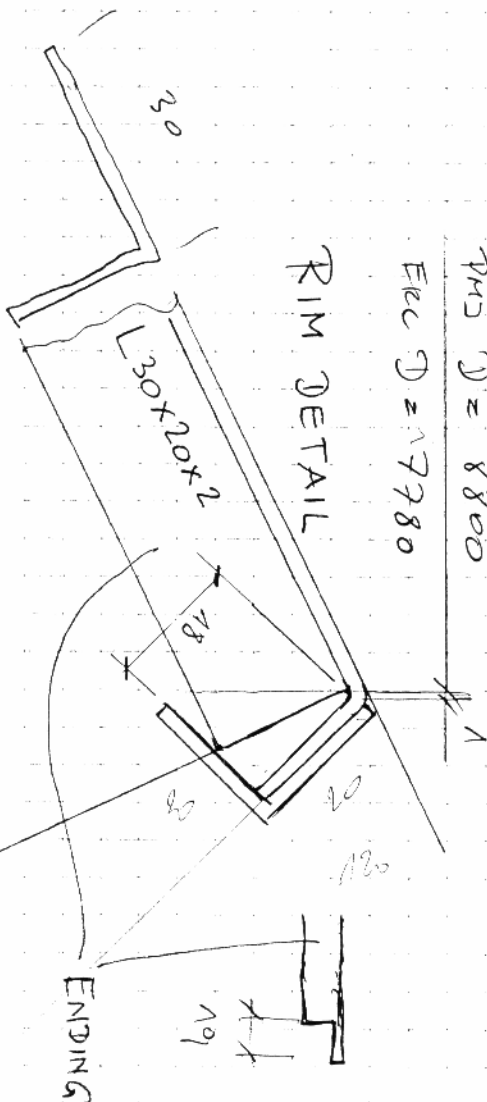
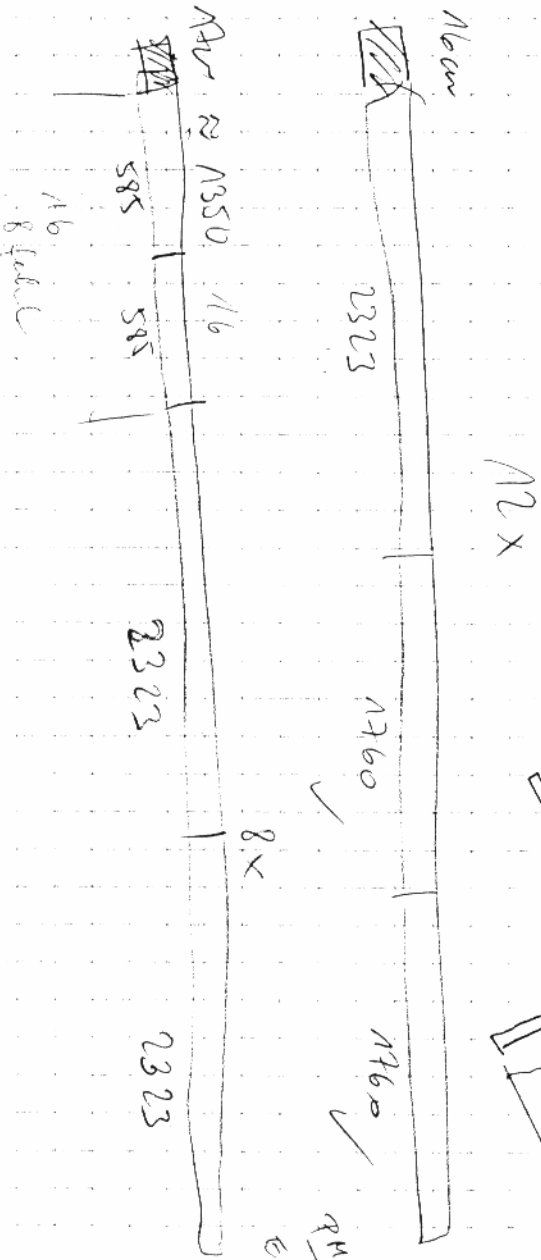
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ERC 24x

$\phi$  30x20x2 3640 kg ✓  
 $\phi$  30x20x2 1850 kg ✓  
 $\phi$  20x20x2 1760 kg ✓

PMJ 28x

$\phi$  30x20x2 4169 kg ✓  
 $\phi$  30x20x2 1820 kg 15% factor  
 $\phi$  20x20x2 2323 kg ✓



PMJ D = 8800  
 ERC D = 17780

PMJ L = 4150  
 ERC L = 3621

$$d = 8800$$

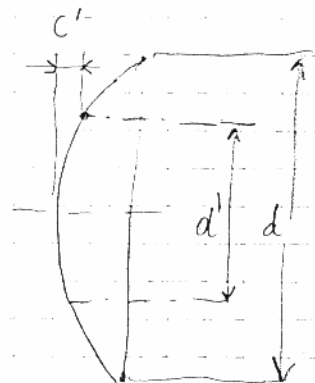
$$f = 4488$$

$d'$	$c'$
0	
1000	13,92
1800	45,12
2700	101,52
3600	180,48
4500	282,00
5360	400,09
6220	538,78
7080	698,06
7940	877,95
8800	1078,43

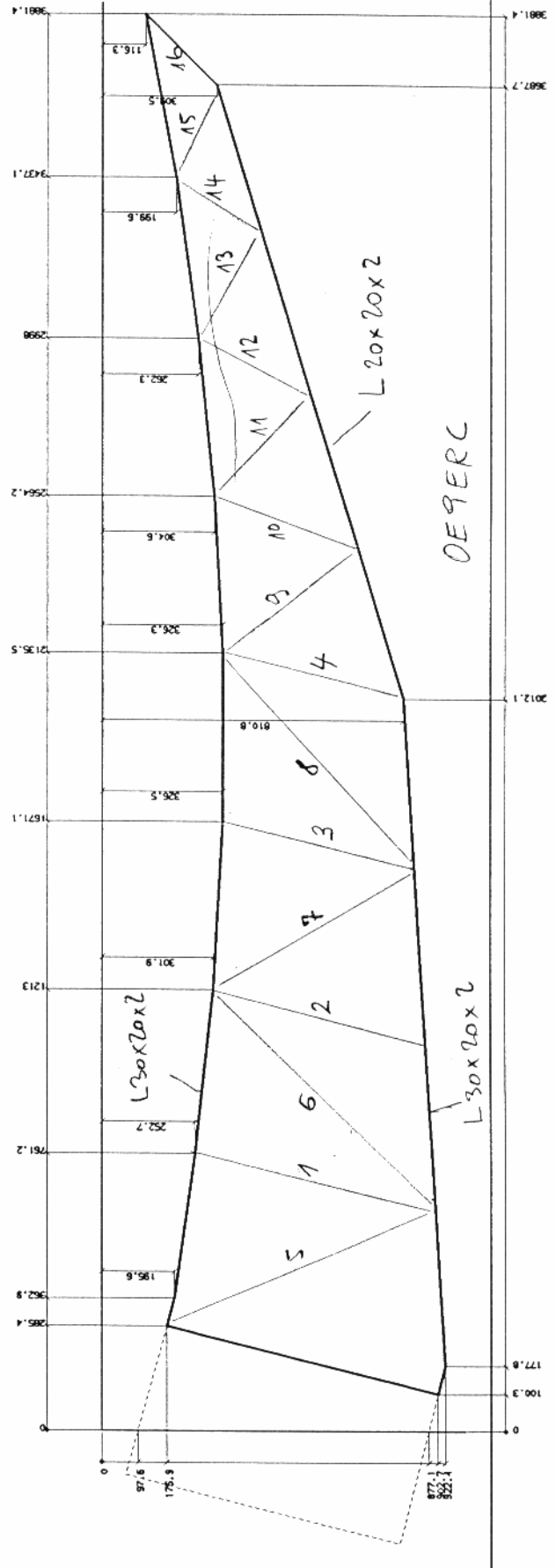
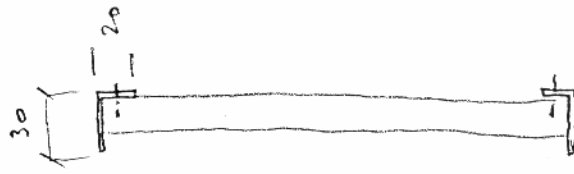
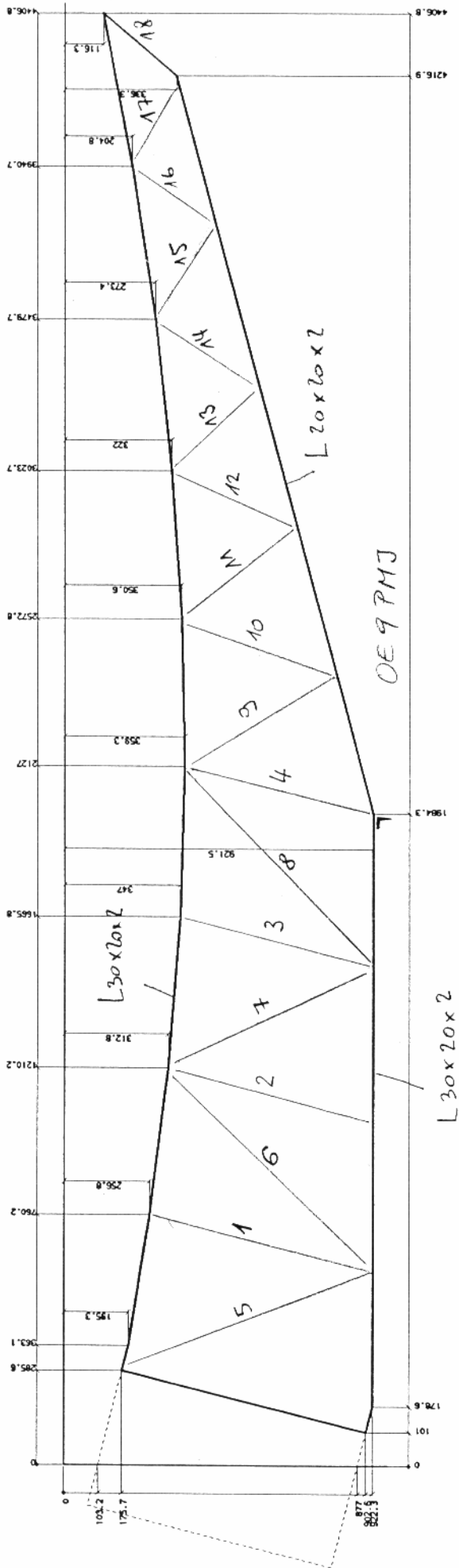
$$d = 7780$$

$$f = 3967,8$$

$d'$	$c'$
0	
1000	15,75
1800	51,04
2700	114,83
3600	204,14
4500	318,97
5320	445,81
6140	593,84
6960	763,04
7780	953,43



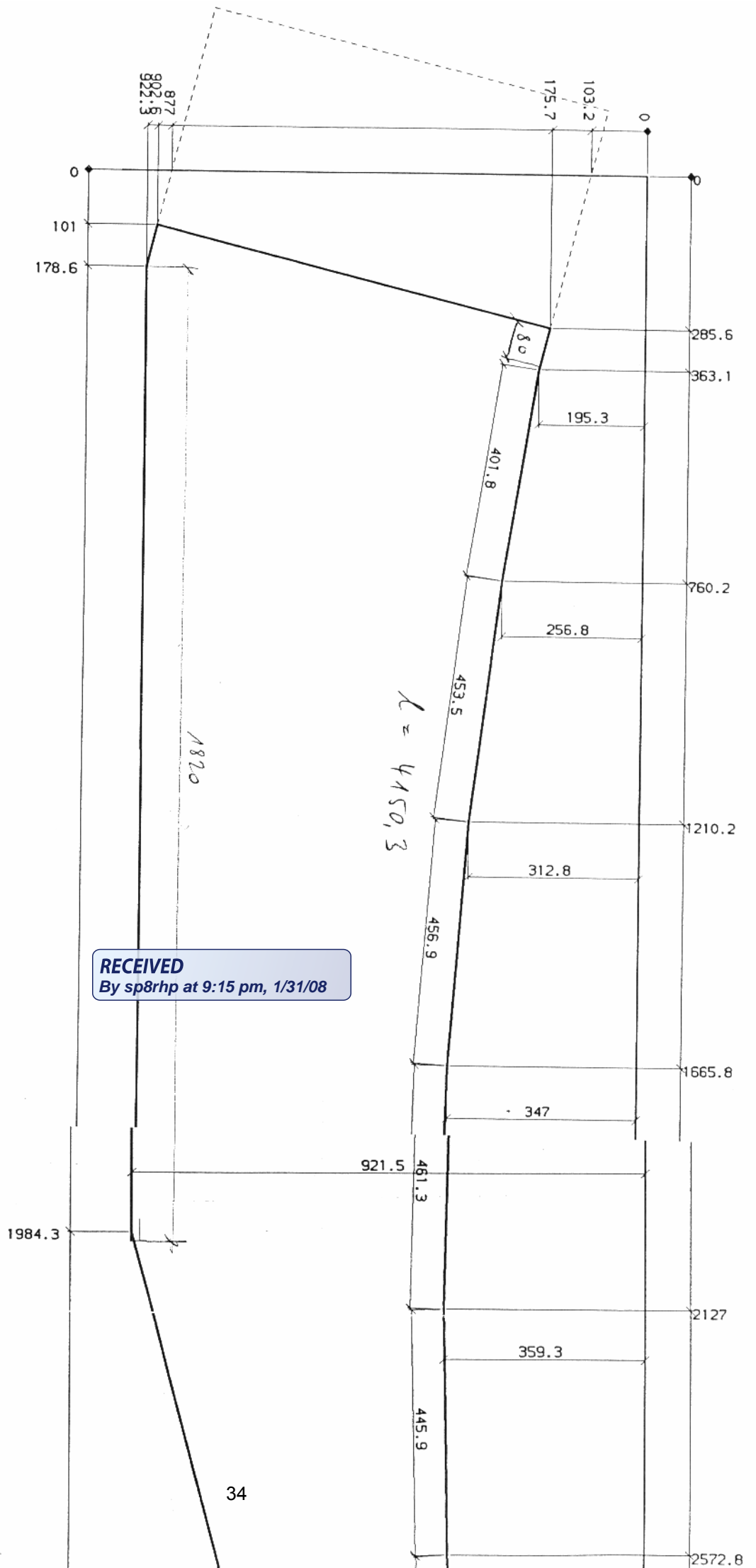
$$f/D = 0,51$$





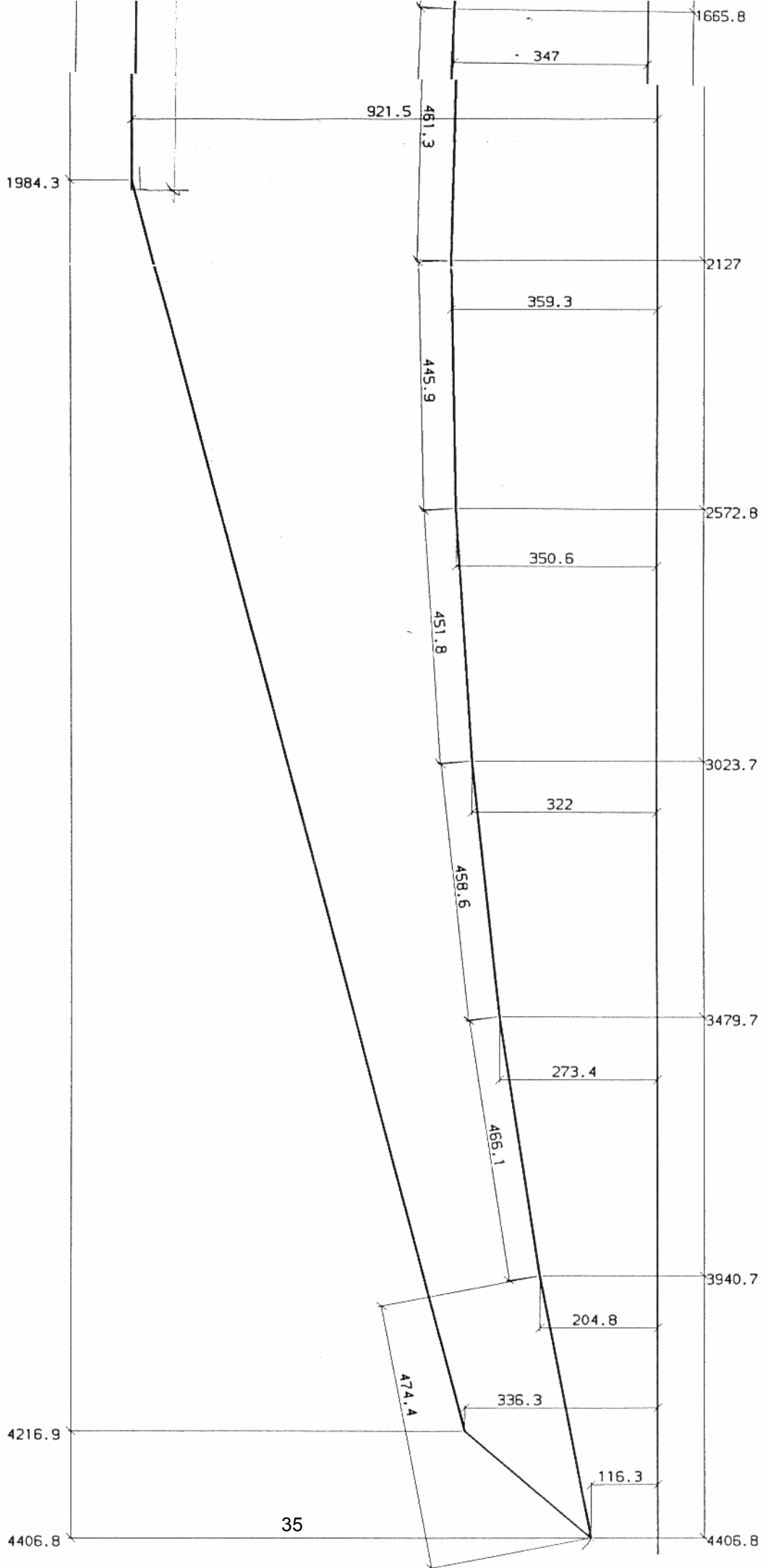
80 / 484.8 / 935.3 / 1392.2 / 1853.5 / 2299.4 / 2751.2 / 3209.8 / 3675.9 / 4150.3

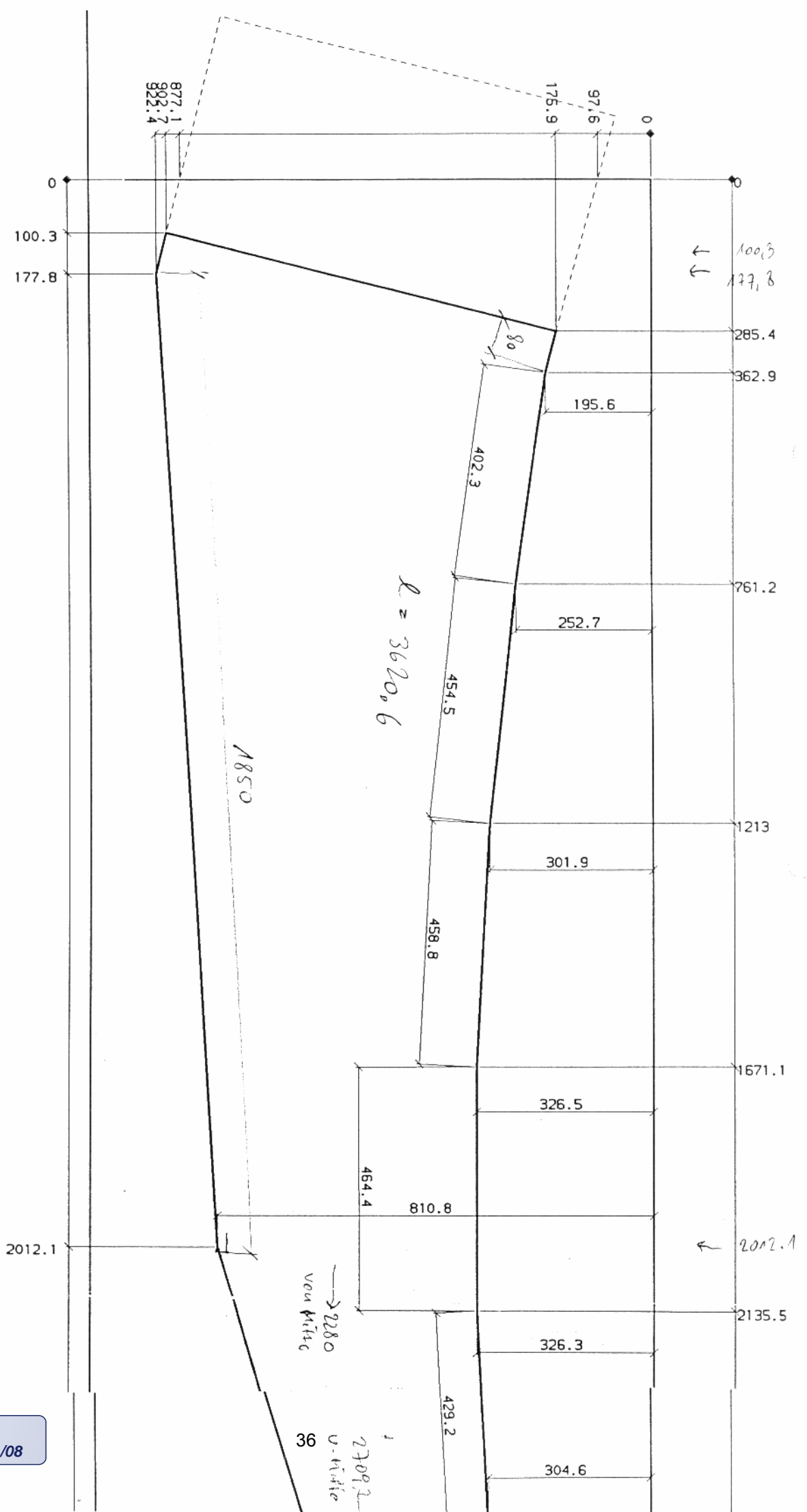
# BENDING PLACES



12 / 3209.8 / 3695.9 / 4150.3

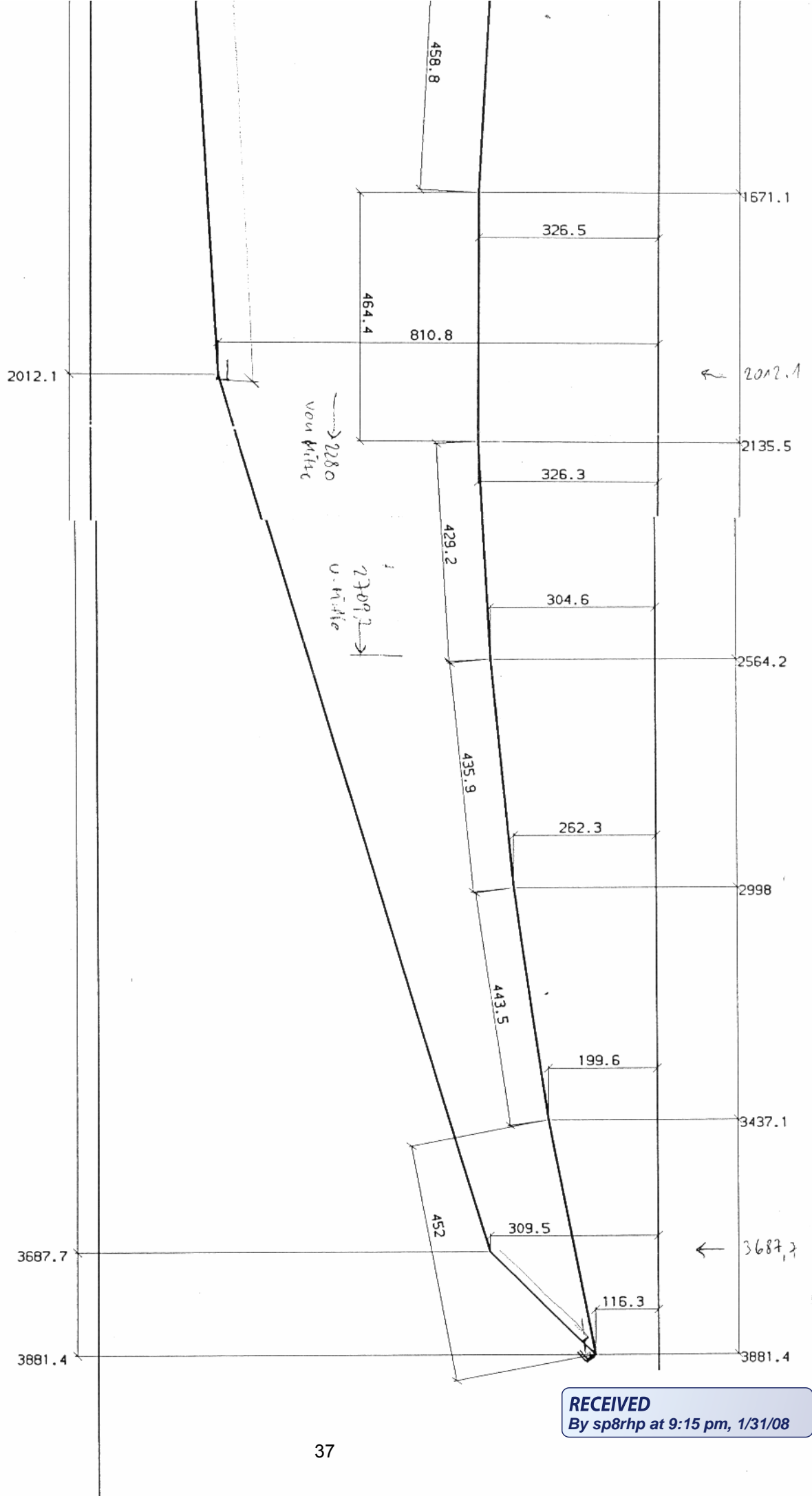
PMJ





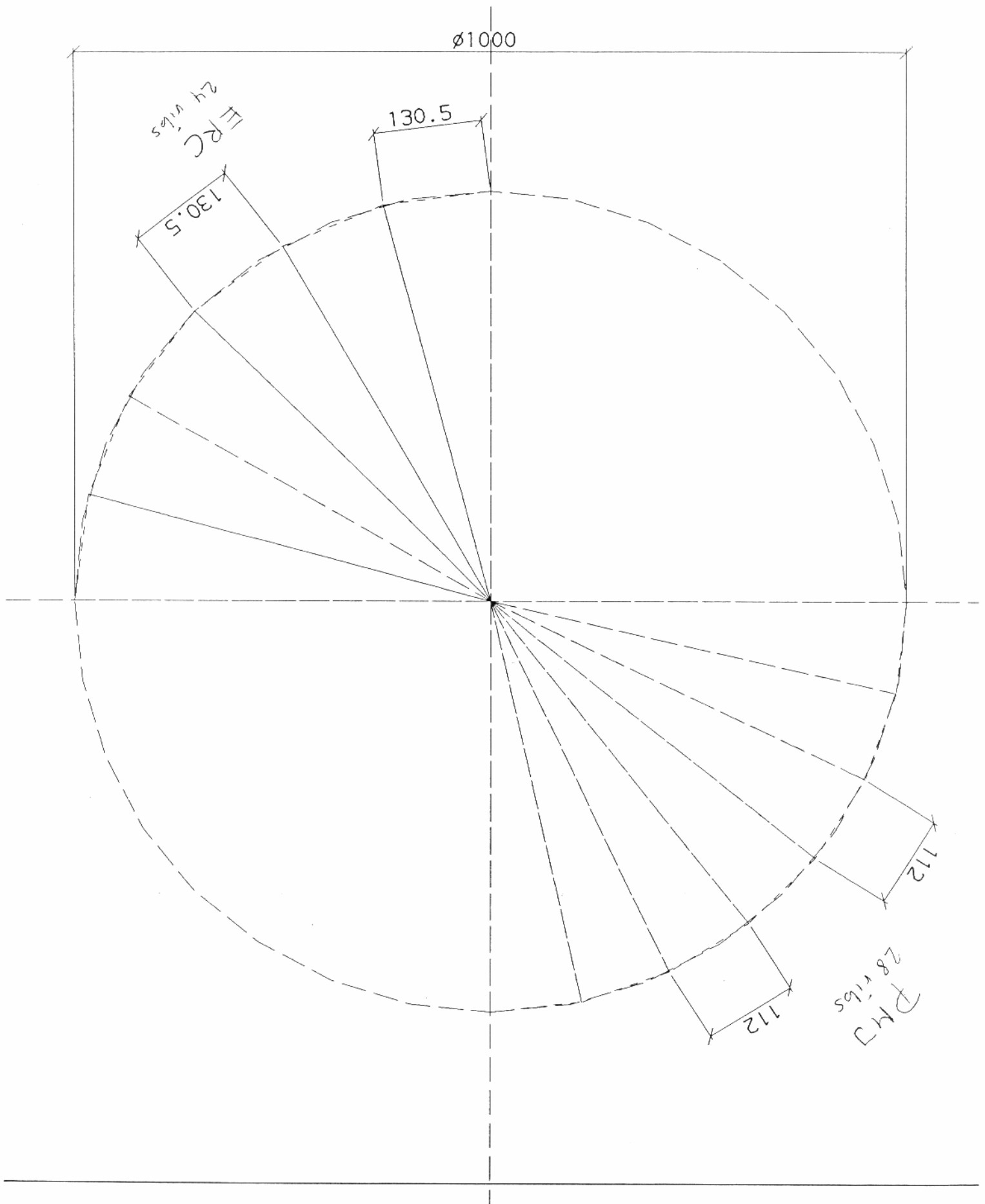
RECEIVED

By sp8rhp at 9:15 pm, 1/31/08



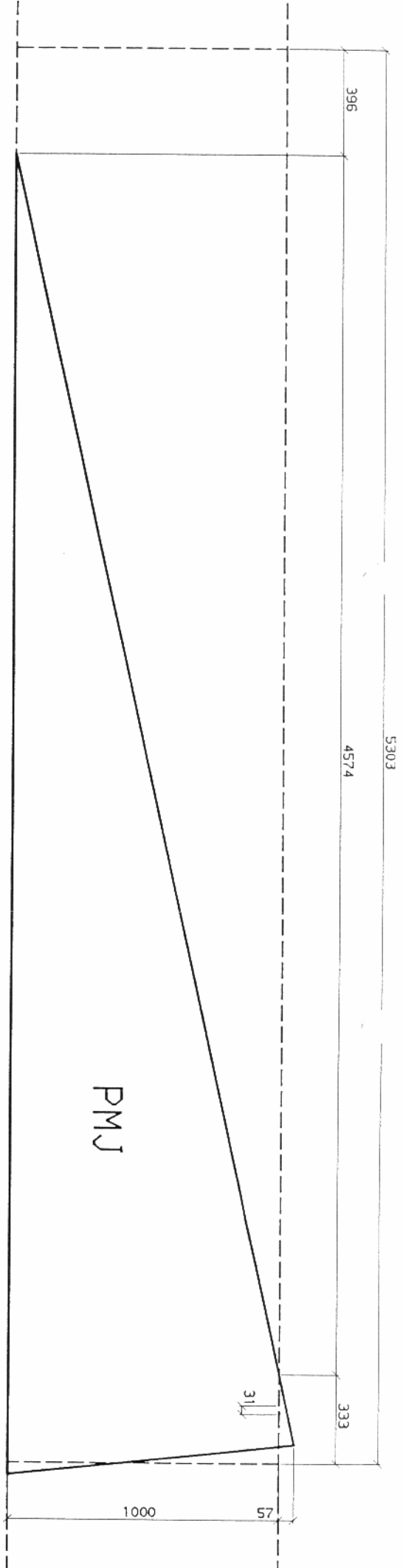
ERC

RECEIVED  
By sp8rhp at 9:15 pm, 1/31/08

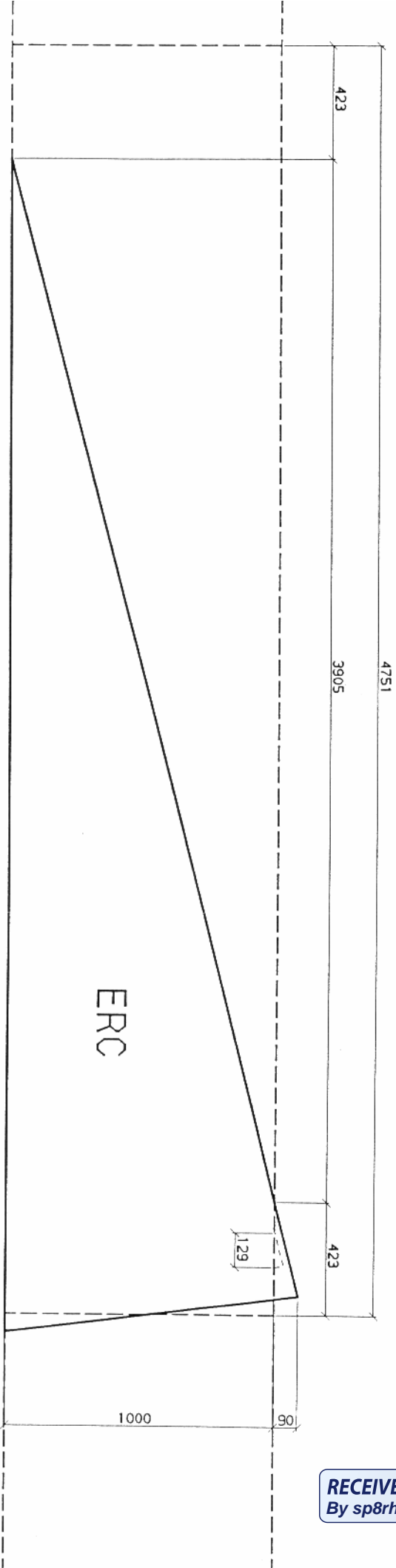


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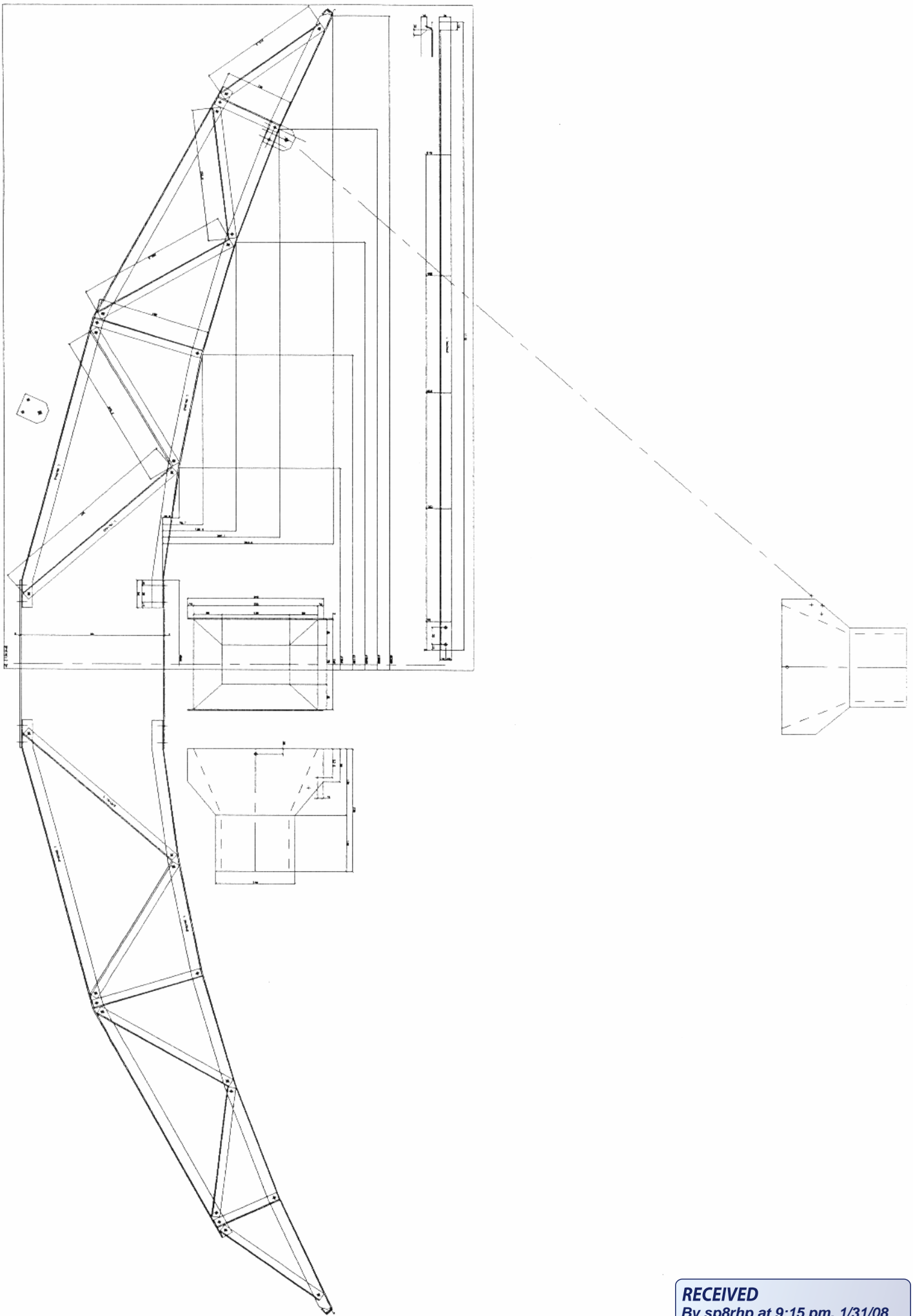




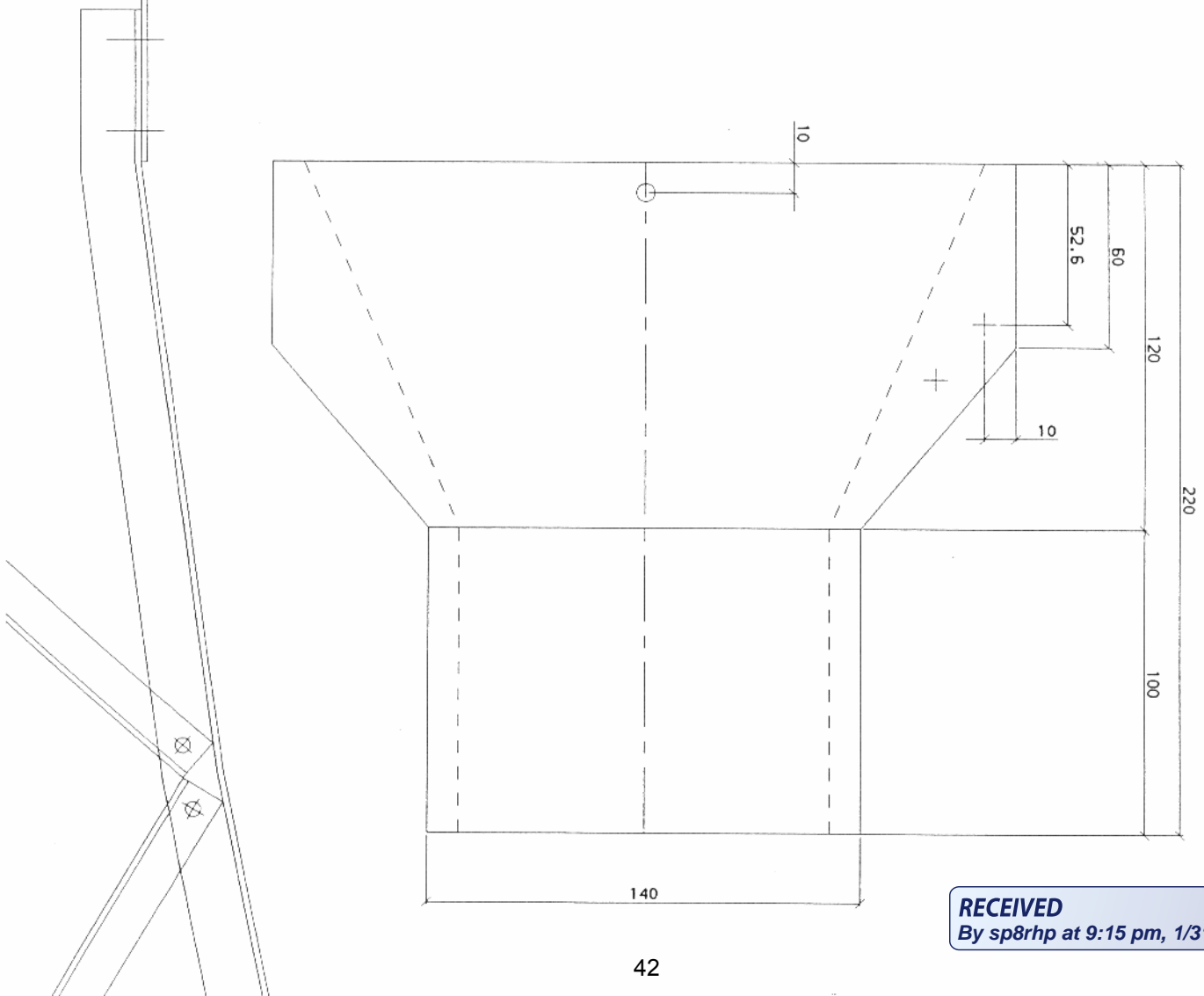
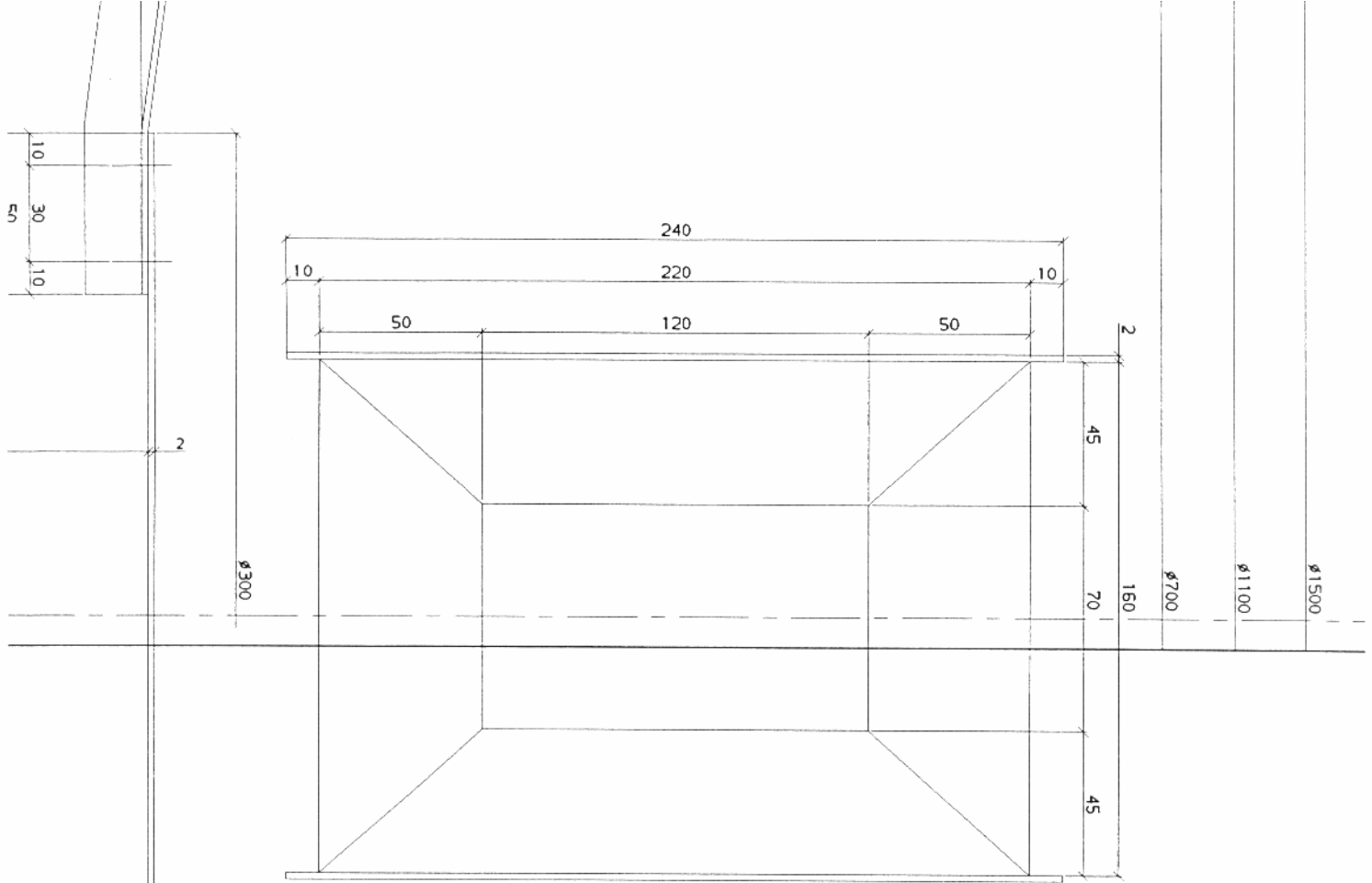
SURFACE - COVER



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