

*SO: B1 IV

669

Akersgaten 13

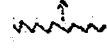
Grunnboringskart for Akersgaten nr 13

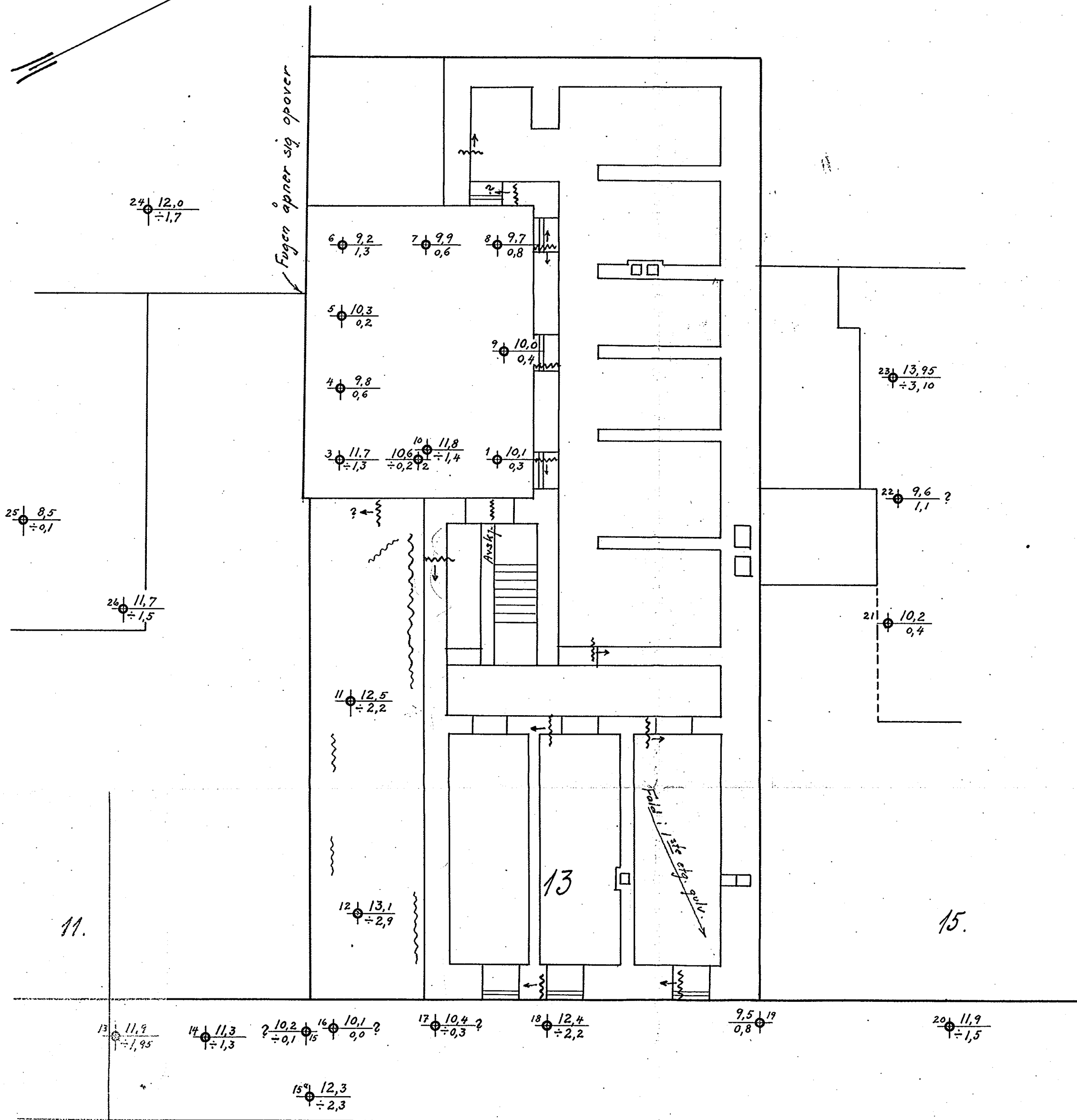
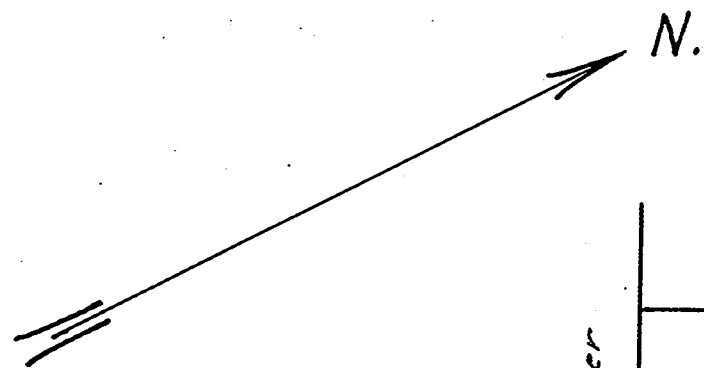
M. 1:100

Bl. 669

Forklaring $\frac{11,9}{-1,5}$ dybde i meter fra terreng til fjell eller fast grunn
 =1,5 kotehøide for fjell eller fast grunn

Høiderne er referert til byens F.M.

 sprekker i murverk. Pilen angir bevegelsens retning



Oslo, 4-7-1928

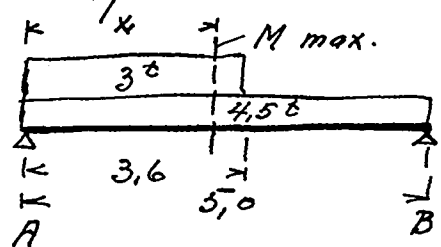
Oscar Kjør

A K E R S G A T E N

1/4

2.

- 2) Byelker for to settmaskiner i 1^{ste} etasje i flisbygningen.
Maskiner med alt tilbehør maks. 1500 kg pr. stk.
Fra guler: 2 m x 450 kg = 900 mkg.



$$A = \frac{4.5}{2} + 3.0 \left(1 - \frac{3.6}{2 \cdot 5.0}\right) = 4.17 \text{ t.}$$

$$x = \frac{4.17}{\frac{4.5}{5.0} + \frac{3.0}{3.6}} = \frac{4.17}{1.735} = 2.4 \text{ m}$$

$$M_{\max} = 4.17 \text{ t} \cdot \frac{2.4}{2} = 5.0 \text{ mt.}$$

$$W = \frac{500000}{1200} = 417 \text{ cm}^3$$

Benyttes 2 I N 20

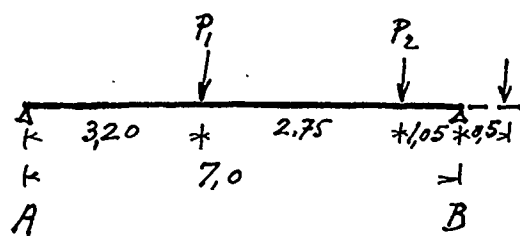
Oslo 12-9-1929
Ercarhøy

1.

Bilag 10
til Kart bl. 669

Akersgaten nr. 13.

- 1) Statisk beregning for jerndrager under loftsguler, 3^{die} og 2^{den} etasjes guler, idet berøeggen "a" fjernes i 3^{die}, 2^{den} og 1^{ste} etasje og erstattes med $\frac{1}{2}$ stens lettvegg.
Drager for loftsguler.



Belastning fra tak

$$P_1 = 3.0 \cdot 4.4 \cdot 210 = 2800 \text{ kg}$$

$$P_2 = 2.15 \cdot 4.4 \cdot 210 = 2000 \text{ kg}$$

Loftsguler

$$q = 4.4 \cdot 400 = 1760 \text{ kg/m}$$

$$\text{egenvekt drager } \frac{140}{m} = 1900 \text{ kg/m.}$$

$$A = \frac{2800 \cdot 3.8 + 2000 \cdot 1.05}{7.0} = 1820 \text{ kg.}$$

$$M_0 = 1820 \cdot 3.2 = 5820 \text{ mkg}$$

$$M_2 = 1900 \cdot \frac{7^2}{8} = 11630 \text{ " } = 17450 \text{ mkg}$$

$$W = \frac{1745000}{1200} = 1455 \text{ cm}^3$$

Benyttes 2 I N 32 ($W = 1564 \text{ cm}^3$)

Drager i 3^{die} og 2^{den} etasjes guler:

$$\text{fra guler } 4.4 \cdot 450 = 1980$$

$$\frac{1}{2} \text{ st. lettvegg } 3.4 \cdot 0.13 \cdot 1800 = 800$$

$$\text{egenvekt drager } \frac{160}{m} = 2940 \text{ kg/m.}$$

$$M_0 = 2940 \cdot \frac{7.0^2}{8} = 18000 \text{ mkg}$$

$$W = \frac{1800000}{1200} = 1500 \text{ cm}^3$$

Finnlegges 2 I N 32

$$\text{Oppleggreaksjon } 2940 \text{ kg} \cdot 3.5 = 10300 \text{ kg.}$$

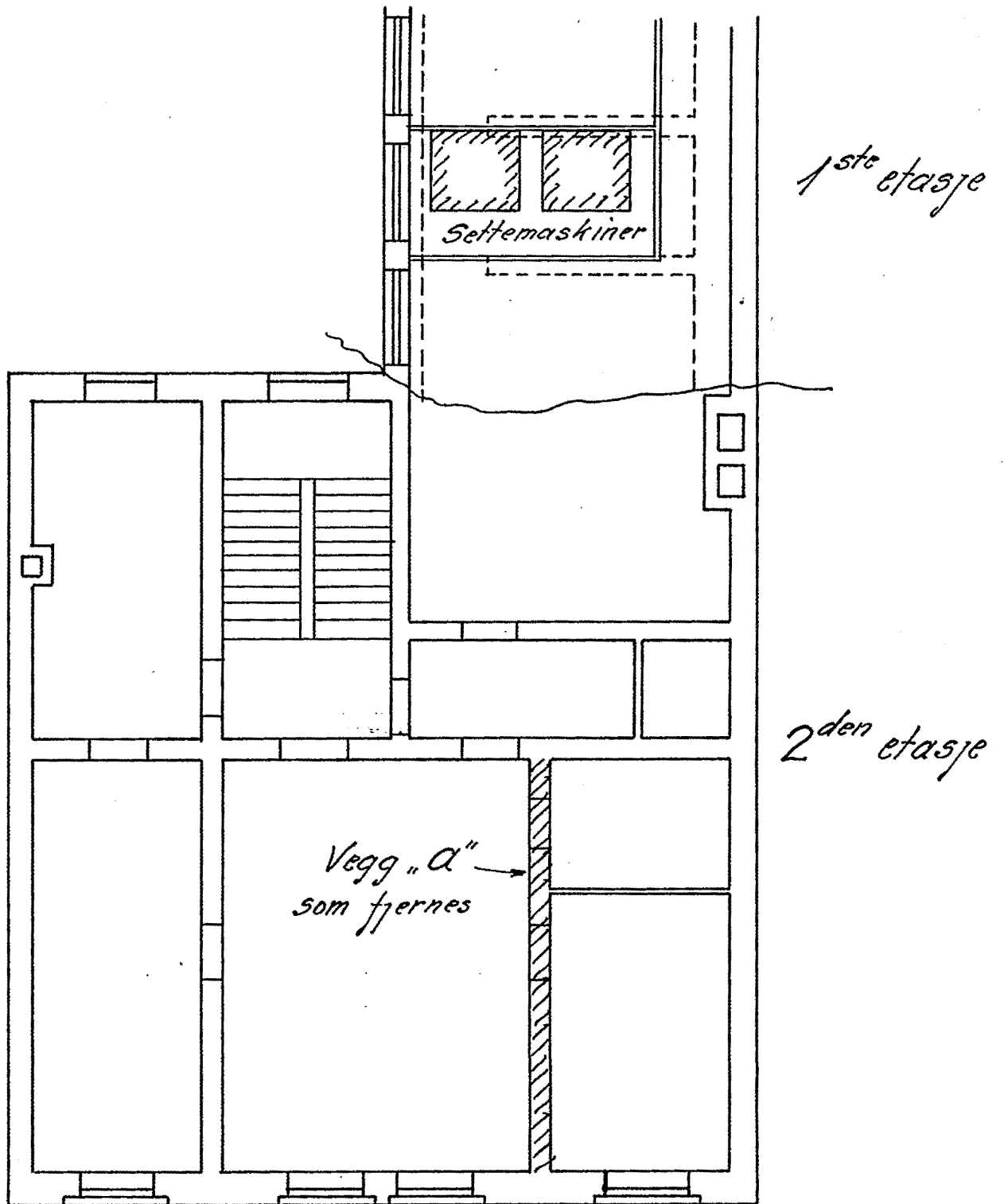
$$F = \frac{10300}{7} = 1475 \text{ cm}^2 \text{ Benyttes i alle etasjer}$$

underlagsplate 10 mm. tykk, 25 cm x 60 cm

Akersgaten nr. 13
Forandringsarbeider.

M. 1:100

Bilag 11.
til kart bl. 669

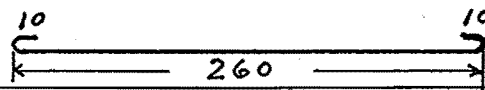
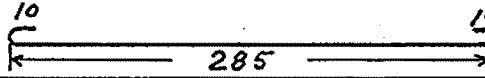
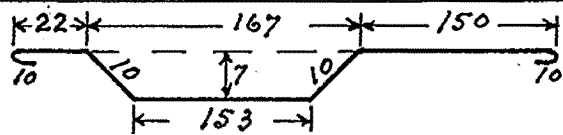
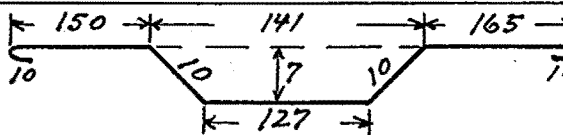
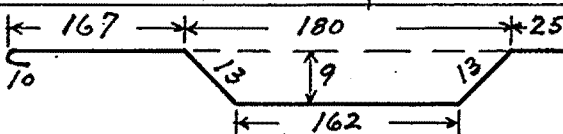
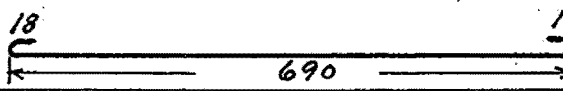
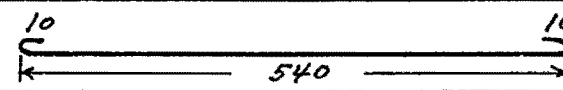
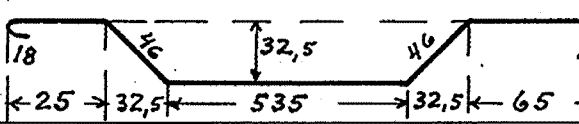
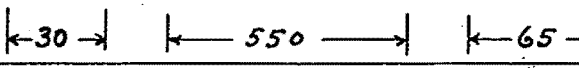
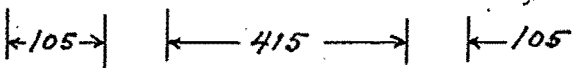
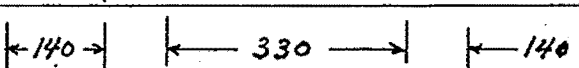
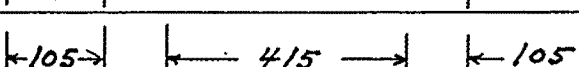
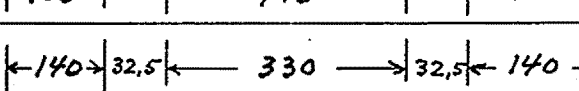
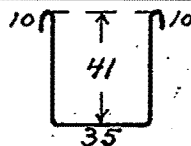


Oslo, 12-9-1929
P. Aarhøy.

Akersgaten nr 13

Böieliste for gulv i 1ste etasje

Bilag 12
til kart 669

Nr.	Antall	Tykkelse i mm.	Lengde i cm.	Skisse, mål i cm.	
1	50	10	280		Plate 1 og 2
2	38	10	305		" 3
3	26	10	365		" 1
4	23	10	482		" 2
5	37	10	400		" 3
6	7	25	726		D.1. og D.2.
7	4	10	560		— " —
8	6	25	753		D.1. 4 stk. D.2. 2 "
9	2	25	773		D.2.
10	3	16	753		D.2.
11	2	16	738		D.2.
12	2	19	753		D.1.
13	1	25	738		D.1.
14	52	8	137	 i 25 cm. avstand	D.1. og D.2.
15		8		ca. 100 l.m. fordelingsjern	Plate 1,2,3

Oslo 9-9-1929

Ingeniør O. Lange

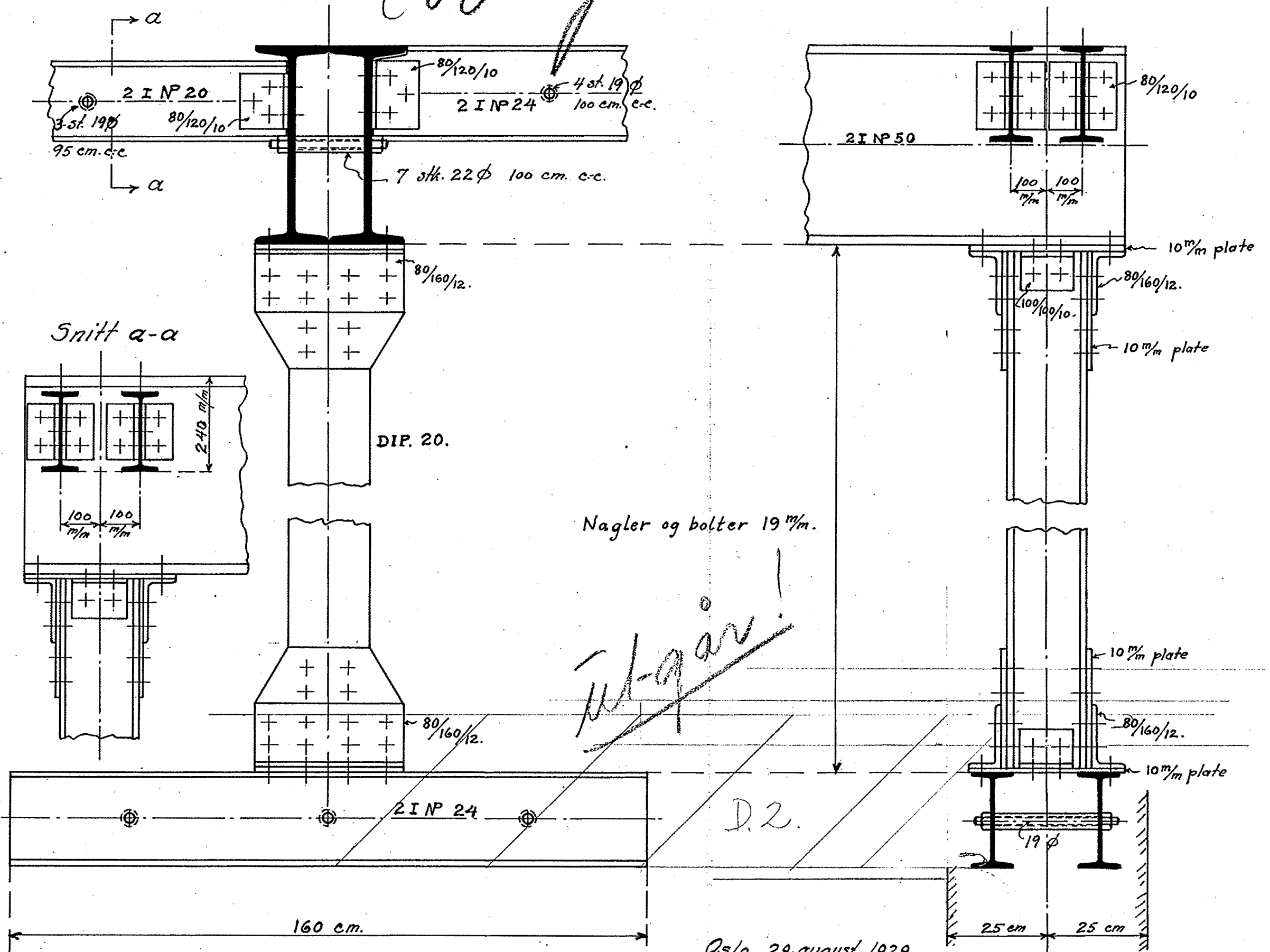
Handwritten signature

Akersgaten nr. 13

Söile med bjelker M. 1:10.

Bilag 13
til Kart bl. 669

Ut-går



Oslo 29. august 1929
Ingeniør Oscar Lorange

P. Q.

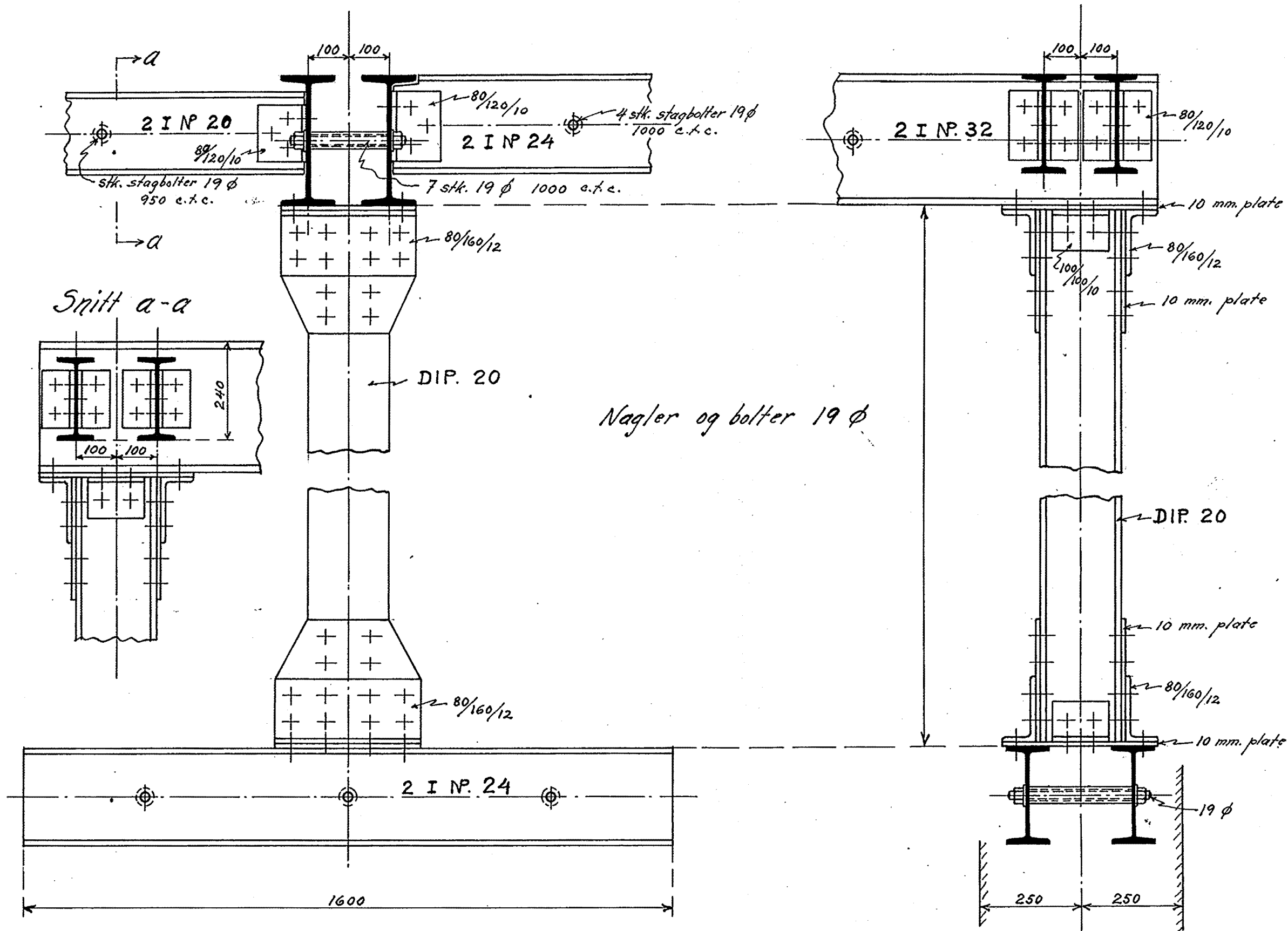
Akersgaten nr. 13

Sølle med bjelker.

M. 1:10

Bl. 14.
til Kart bl. 669

Mål i mm.



Oslo, 10-9-1929
Ingeniør Oscar Lorange
/P.F.