

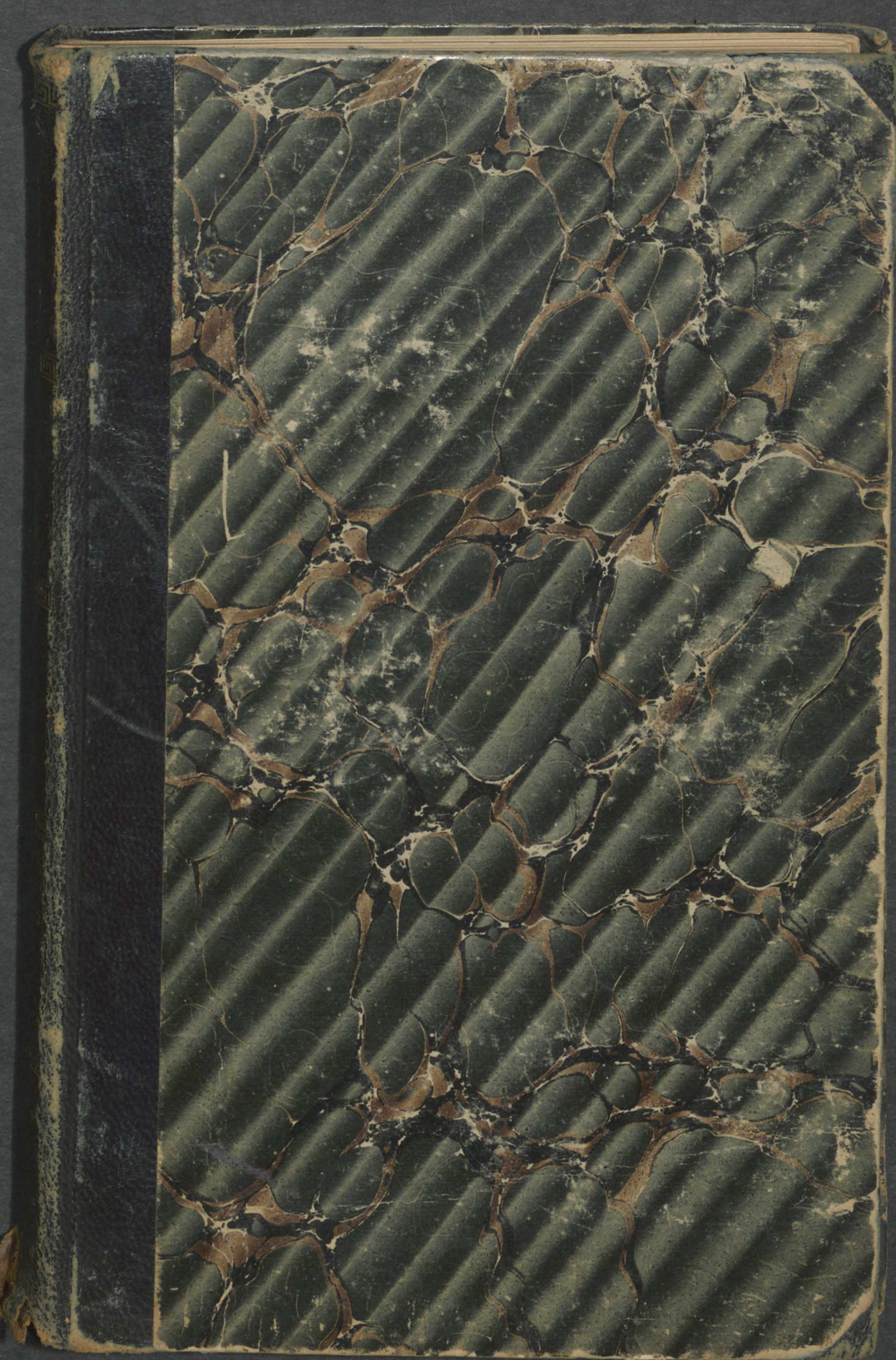
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Dansk Ingeniørforening
Bogsamling

623 Sam-
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Dansk Ingeniørforenings
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SAMLING
AF
FELTCONSTRUCTIONER.

Dansk Ingeniørforenings
Bogsamling

Trykt som Manuscript.



KJØBENHAVN. 1861.

Lithographierne udførte af CARL OTTO.

Texten trykt hos I. COHEN.

Dansk Ingeniørforenings
Bogsamling

Indholdsliste.

	Pag.
Almindelige Bemærkninger	5
Profil til et 12' tykt Brystværn	7
Stormtrin	8
Beklædning af Bankettrin	8
Kanonbænk	9
Skydeskaar	10
Bridsker. 36 Pds. Rappertbridsk	11
24 Pds. Rappertbridsk	11
Almindelig Morteerbridsk	11
24 Pds. Morteerbridsk	11
Nødbridsker	11
Stormpæle paa en Escarpe	13
Stormpæle paa en Contrescarpe	13
Stillads til Stormpælelægning	14
Palissadering	14
Barriereport	15
Bro i et Feltværk	16
Krudtmagasin af Tømmer	20
Krudtmagasin af Beton	24
Ammunitionsforsyning	26
Blokhuus i et Feltværk	30
Blokhuus i et Feltværk	32
En spansk Rytter	34
Et Geværcepel	34

	Pag.
En Feltvagthytte	35
En Piketstald	36
Mandskabsbarakke for en Section, til Sommerbrug . .	38
Mandskabsbarakke for en Section, til Vinterbrug . .	40
Officeersbarakke	44
Stabsbarakke	46
Latrine til Sommerbrug	50
Latrine til Vinterbrug	50
En Sommerstald	51
Feltstald for en Deling	52
Brandstuebygning	54
Kogehuller	56
Kogeskuur	56
Barakkeleir for en Bataillon	57
do. do. do.	
do. for et Cavallerieregiment	
Kanonblendering for 2 Kanoner	60
En Glødeovn	62
En Landingsbro	64
En Bagerovn	68
En Redoute	
En Lynette	
En Lynette til 19 Kanoner	

Almindelige Bemærkninger.

De i efterfølgende Tegninger og Beskrivelser angivne Dimensioner ere saavidt muligt tagne efter udførte Constructioner; de kunne derfor forandres hvor Omstændighederne tale derfor. Dette gjælder navnlig Tømmertykkelserne ved Palissaderinger, Stormpæle og Blokhuse, og Brædelængderne ved mange Constructioner.

I Beregningerne over Materialforbruget er overalt taget de nøiagtige Maal, saaledes at, hvor saadant ikke udtrykkelig er bemærket, Intet er tillagt for Spild eller Forskjæring.

Bræderne ere antagne at være norske. Længden altsaa dansk Maal, Tykkelsen i Almindelighed $1\frac{1}{4}$ ", Bredden $6''$ à $7''$.

Saa vel de finske som Sastmola Lægterne, der i Handlen regnes for 12 Alen lange, ere opførte som saadanne men holde i Reglen kun 11 à $11\frac{1}{2}$ Alen dansk Maal; ordinaire finske Bondelægter ere kun lidt over 10 Alen lange.

Til Tagdækning er regnet, at til 100 $\square$ Fod Tag $8''$ tykt behøves circa 20 Lpd. Langhalm og til Binding enten 8 à 9 Stk. Siemer (Halmbaand), af omtrent 5 Favnes Længde, eller 10 Pd. Tækkegarn. I mange Tilfælde vil en Tykkelse af Taget af $4''$ à $6''$ være tilstrækkelig.

Ved Beregningen af Fletværk og lignende Beklædningsmateriale er der gaaet ud fra, at af et almindeligt Bondelæs Riis faaes circa 160 $\square$ Fod Fletværk eller 7 Stk. 4 Fod høje Beklædningskurve eller 12 Stk. $2\frac{1}{2}$ Fod

høje Skandsekurve eller 8 Stk. 12 Fod lange 8" tykke Faskiner.

Til Betonarbejder kan anvendes følgende Blandinger:

1 Maal Portland Cement + 4 Maal Sand + 8 Maal Skjærver til Grund og Sidemure i Krudtmagasiner, hvor Jordbedækningen er meget tyk.

1 Maal Portland Cement + 3 Maal Sand + 6 Maal Skjærver til den øvre Deel af Muren og til Hvelvingen over Krudtmagasiner.

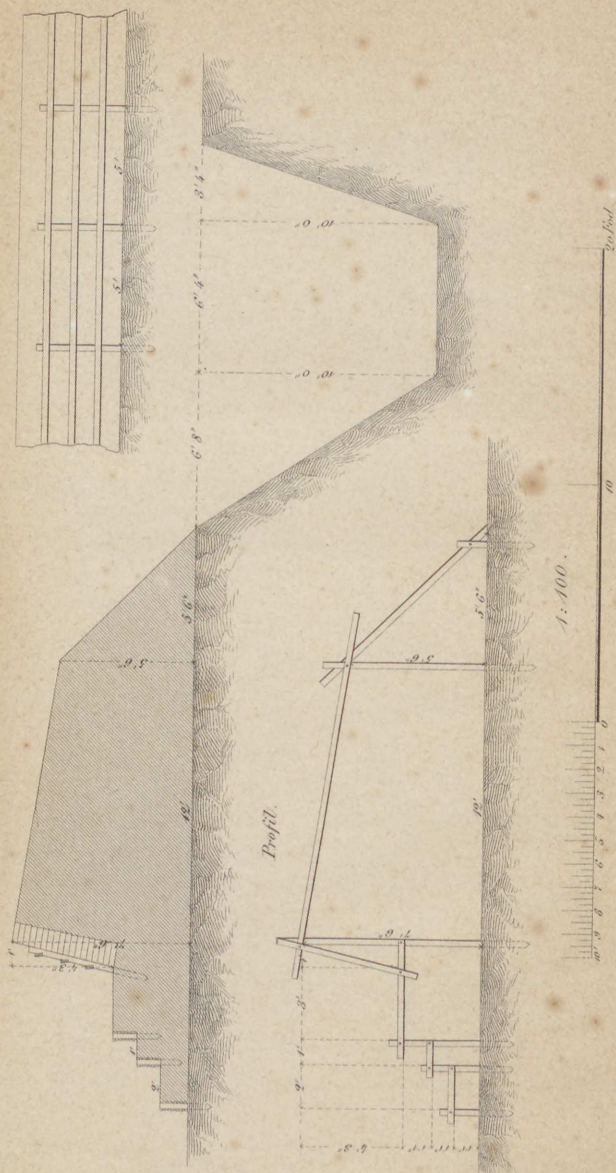
1 Maal Portland Cement + 3 Maal Sand til de murede Hvelvinger.

1 Maal Portland Cement + 6 Maal Sand + 11 Maal Skjærver til Fundament under Blokhuse.

Dansk Ingeniørforenings
Bogsamling

Profil af et 12' tykt Brystværn.
(i fastere Jord)

Stormtrinn seet forfra.



Profil til et 12' tykt Brystofværn.

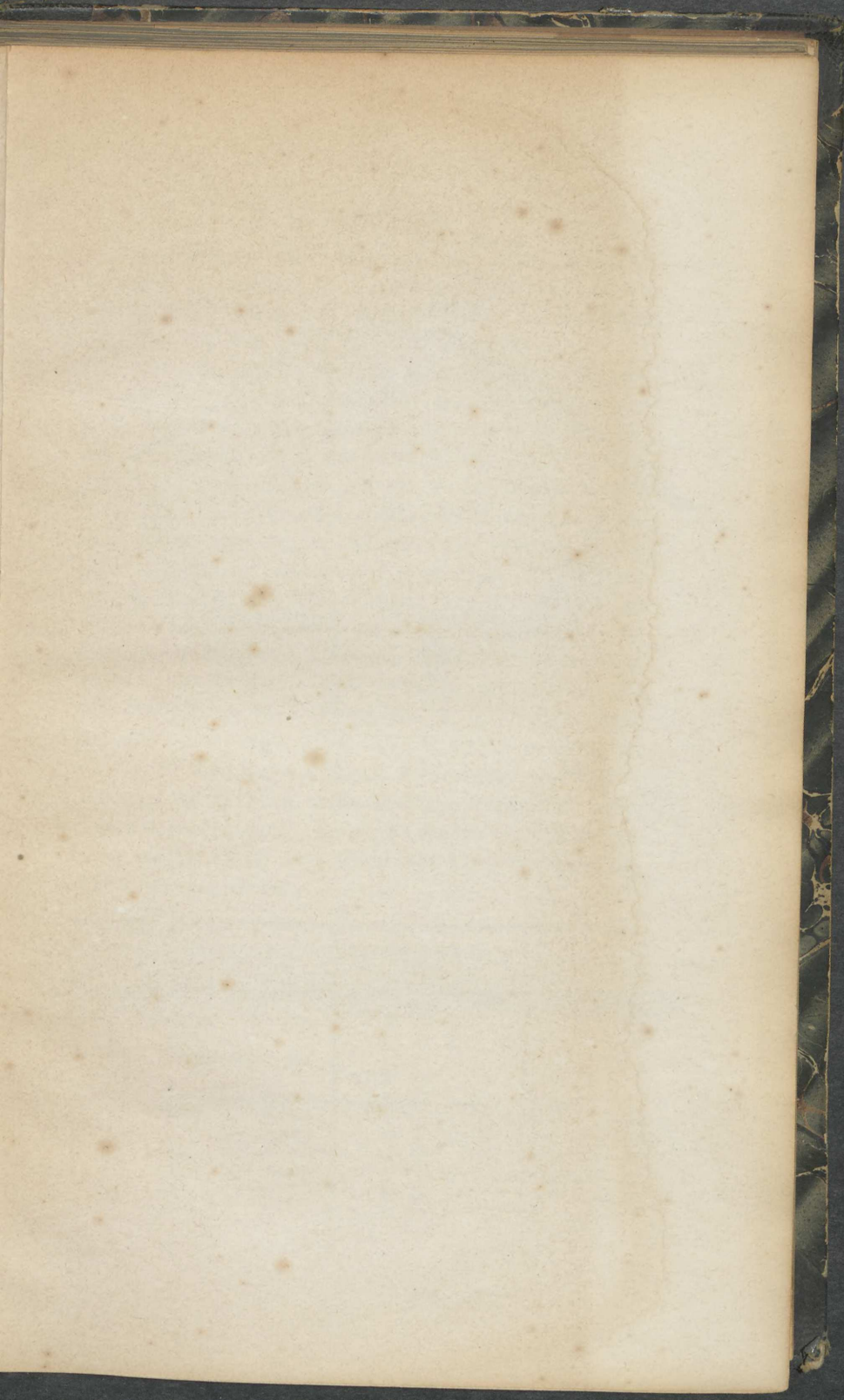
	Stykker.		Skaarne	Søm.	Anmærkning.
	An- tal.	å Fod.	Lægter. løb. Fod.		
de lodrette Stykker	1	3 $\frac{1}{4}$	3 $\frac{1}{4}$	"	Lægterne skjæres enten af Piteå (Sundsvalls) Tøm- mer eller af Frederikshalds Rispebord. Paa Grund af Spild, da Længderne ei altid passe, tages istedet- for 76 Fod 80 løbende Fod 1 $\frac{1}{4}$ " / 3" skaarne Lægter.
	1	4	4	"	
	1	5 $\frac{1}{4}$	5 $\frac{1}{4}$	"	
	1	10 $\frac{3}{4}$	10 $\frac{3}{4}$	"	
	1	9	9	"	
de flugtende Stykker	1	3 $\frac{1}{4}$	3 $\frac{1}{4}$	"	
	1	2 $\frac{1}{2}$	2 $\frac{1}{2}$	2	
	1	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	
	1	5	5	2	
	1	6	6	2	
	1	15 $\frac{1}{2}$	15 $\frac{1}{2}$	2	
	1	10	10	2	
	1	10	10	2	
Ialt	12	"	76	12	

Stormtrin.

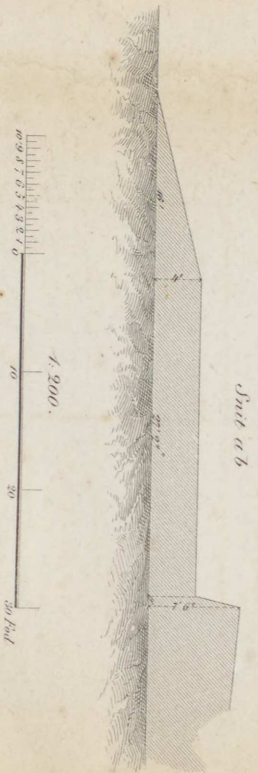
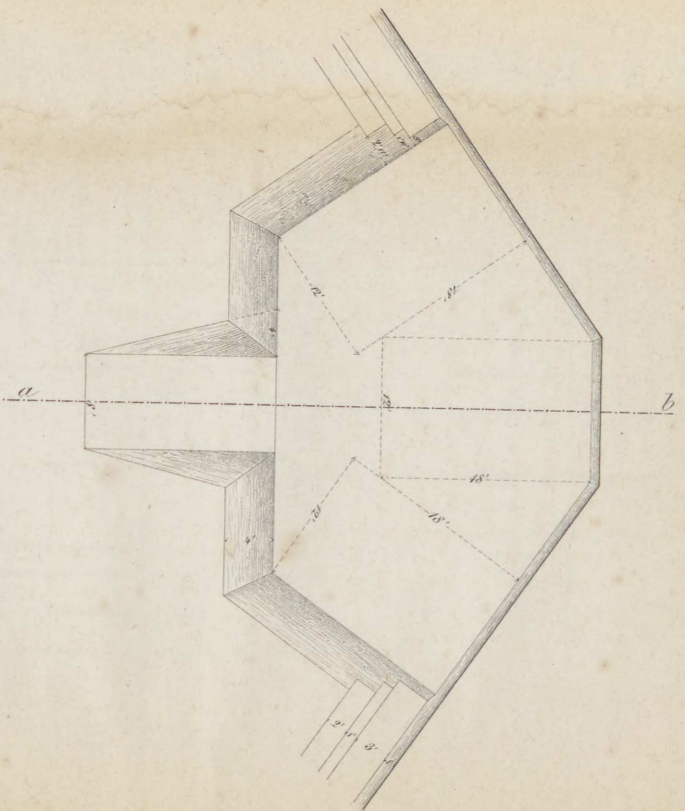
10 løbende Fod.	Stykker.		Hugne Lægter. løb. Fod.	Som. 4"	Anmærkning.
	An- tal.	å Fod.			
lodrette Stykker	2	5	10	"	Hertil anvendes 2 Stkr. Sastmola eller store finste Lægter.
vandrette do.	3	10	30	6	
alt	5	"	40	6	

Bekledning af Bankestrin.

10 løbende Fod af et Trin.	Stykker.		Hugne Lægter. løb. Fod.	Breder Tylt 10'	Som. 4"	2 kløvede Gaver. 2 1/4	Riis. Læs
	An- tal.	å Fod.					
Bredebekledning. Pæle Bekledning	3	2 1/4	6 3/4	" 1 1/2	6	"	"
alt	4	"	6 3/4	1 1/2	6	"	"
Fleiværksbekledning.	10	2 1/4	"	"	"	10	1 1/2



Kanonbænk til 3 Kanoner.



Kanonbænk.

Grænsen for de Elevationer, der kunne gives ved Rapperter og Lavetter, ere i Gjennemsnit 10 à 12° Elevation og 3 à 5° Plongering; ved de nye Kyst- og Fæstnings-rapperter kan gives indtil 25 à 35° Elevation.

Skydes fra Slæde er Afstanden mellem Piecerne i Almindelighed 24 Fod, men kan indskrænkes, naar Omstændighederne fordre det, og naar Virkningssphæren ei er for stor. Brystværnets Høide er, naar der skydes fra Slæde, $5\frac{1}{2}'$; det er hensigtsmæssigt at stille Slæden paa en 2' høi Bænk, hvorved Overgangen, naar Kanonen ei længer skal staa paa Slæde, men man vil skyde fra lav Affutage, kan skee ved at indskjære et 2' dybt Skydeskaar i Brystværnet. Til den nye 36 Pds. Rappert med Slæde lægges Forbridskens Overkant 4' 10" lodret under Creten og Buebridskens Overflade 6" 2''' under Forbridskens Overflade. Radius til Buebridskens Midte er 11' 3" 6'''. Denne Affutage anvendes til 168 Pds., 84 Pds. G. K. I og 36 Pds. K. K. Ved de øvrige Rapperter med Slæde til 84 Pds. G. K. II, 36 Pds., 24 Pds. og 12 Pds. Kanoner lægges Forbridskens Overflade 4' 7" lodret under Creten, og Buebridskens Overflade 8" under Forbridskens Overflade. Radius til Buebridskens Midte varierer mellem 12 og 15'. Forbridskens Centrum ligger omtrent 3' 4" bag Creten.

	Tappecentrets Høide over Jorden.	Knæhøiden.
6 Pds. Feltlavet	3' 7" 6'''	3'
12 Pds. do.	3' 10" 2'''	3'
36 Pds. Kystaffutage paa Bridsk	4' 10"	3' 6"
36 Pds. do. paa Slæde	6' 6"	5' 4"
24 Pds. Rappert paa Bridsk	4' 10"	3' 4" à 3' 5"
24 Pds. do. paa Slæde	6' 5" 6'''	5' 3" à 5' 4"
12 Pds. do. paa Bridsk	4' 7"	3' 4" à 3' 5"
12 Pds. do. paa Slæde	6' 1" 6'''	5' 3" à 5' 4"
24 Pds. Beleiringslavet	4' 5"	3' 4" à 3' 5"
6 Pds. Voldlavet	3' 11" 6'''	3' à 3' 4"

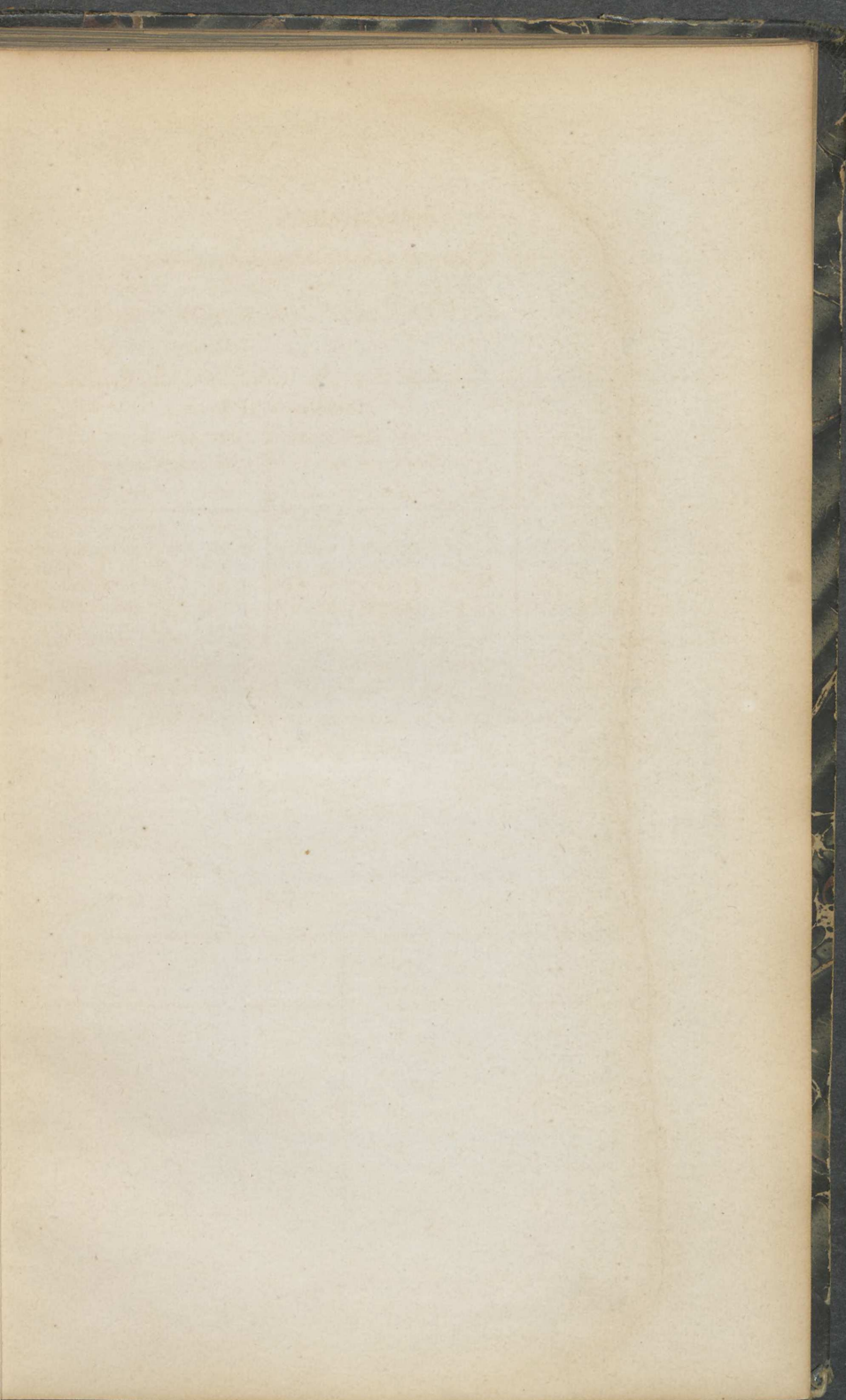
Skjdeskaar

til Kanoner i lave Affutager.

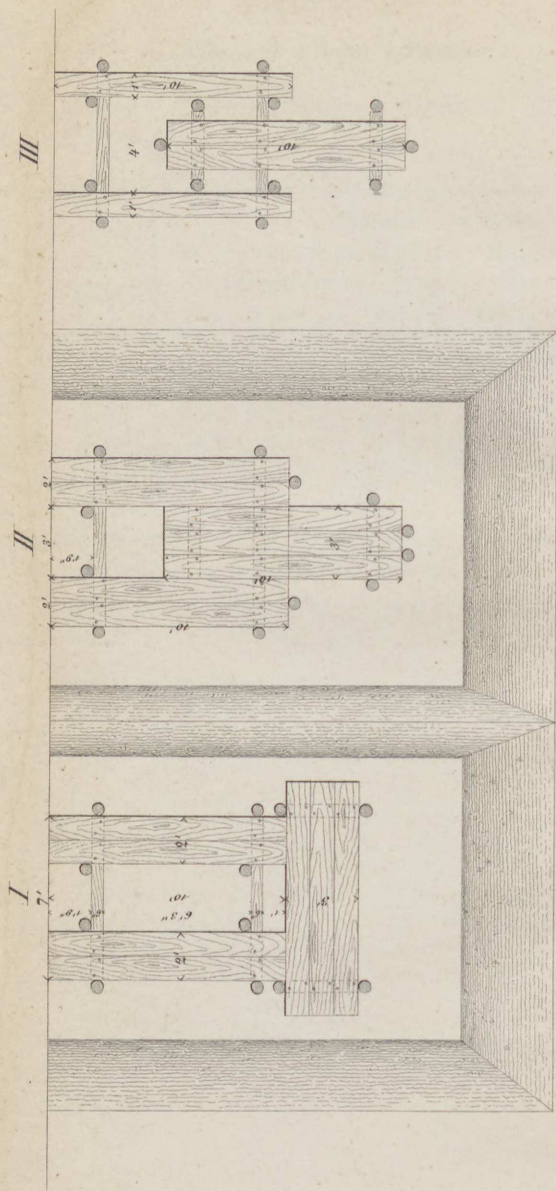
Projectilet maa ei komme Kinderne nærmere med sit Centrum end $\frac{3}{2}$ af sin Diameter.

Caliber.	Bundens indre Brede.	Bundens ydre Brede					
		24 Fod tykt Brystværn Sideretning af			18' tykt Brystværn Sideretning af		
		15°	30°	45°	15°	30°	45°
168 Pds.	3' 0"	10' 6"	18' 3"	26' 7"	8' 9 $\frac{1}{2}$ "	14' 9"	21' 3"
84 —	2' 6"	10' 0"	17' 9"	26' 1"	8' 3 $\frac{1}{2}$ "	14' 3"	20' 9"
36 —	1' 9"	9' 3"	17' 0"	25' 4"	7' 6 $\frac{1}{2}$ "	13' 6"	20' 0"
24 —	1' 6"	9' 0"	16' 9"	25' 1"	7' 3 $\frac{1}{2}$ "	13' 3"	19' 9"
12 —	1' 3"	8' 9"	16' 6"	24' 10"	7' 1 $\frac{1}{2}$ "	13' 0"	19' 6"
6 —	1' 0"	8' 6"	16' 3"	24' 7"	6' 9 $\frac{1}{2}$ "	12' 9"	19' 3"

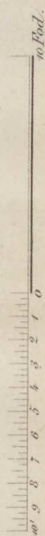
Skydeskaarets Bund gives i Reglen 5^o Helling eller et Fald af omtrent $\frac{1}{12}$. Afstanden mellem Piecerne er 20 à 24 Fod, naar Sideretningen er 30° (15 til hver Side), og 14 à 16 Fod, naar Sideretningen er 15°.

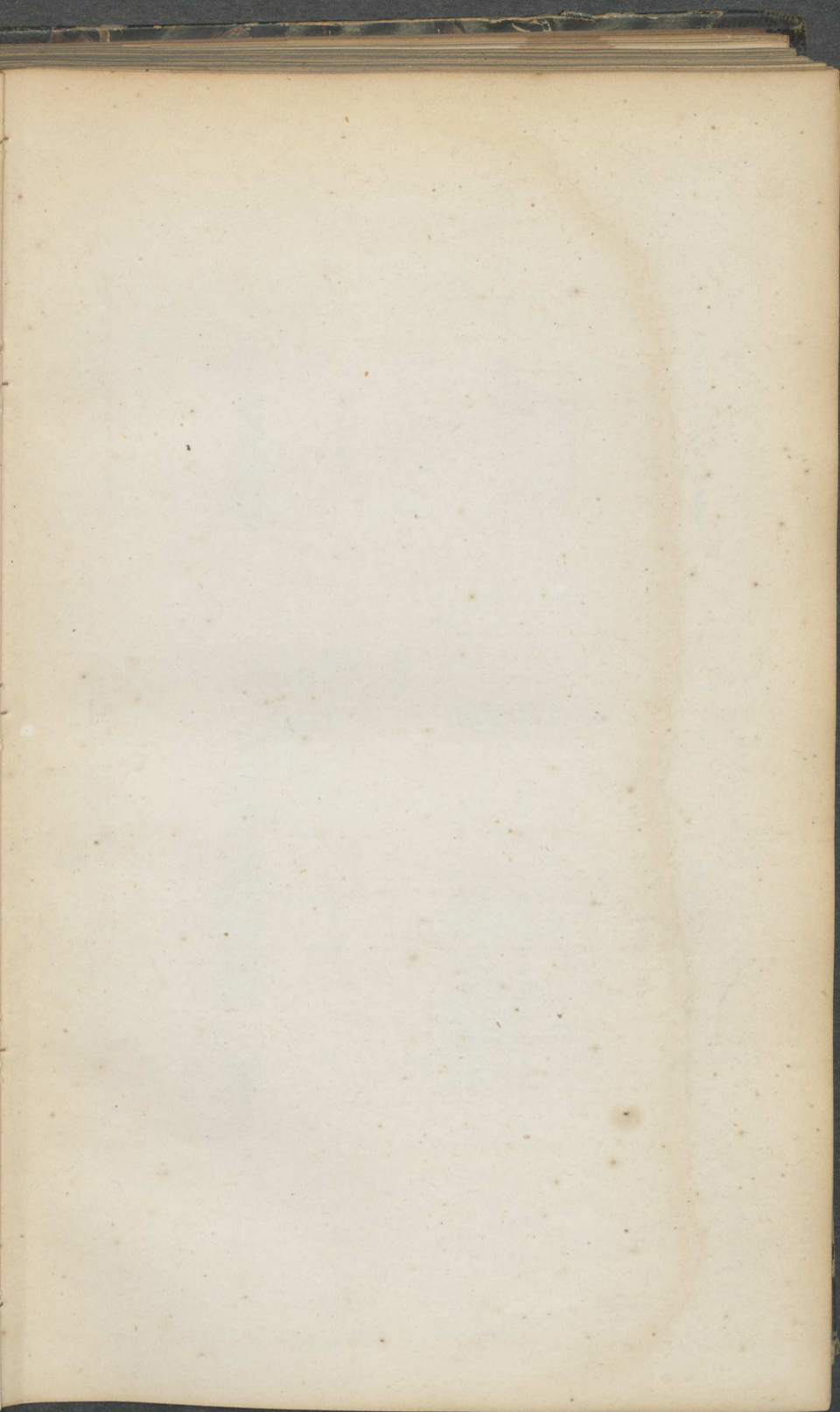


Nödbrädske.



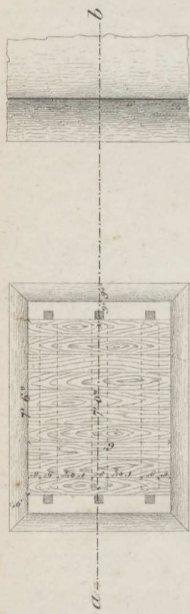
1: 100.





Almindelig Morterbrudsk.

fra oven.



Snit a b.



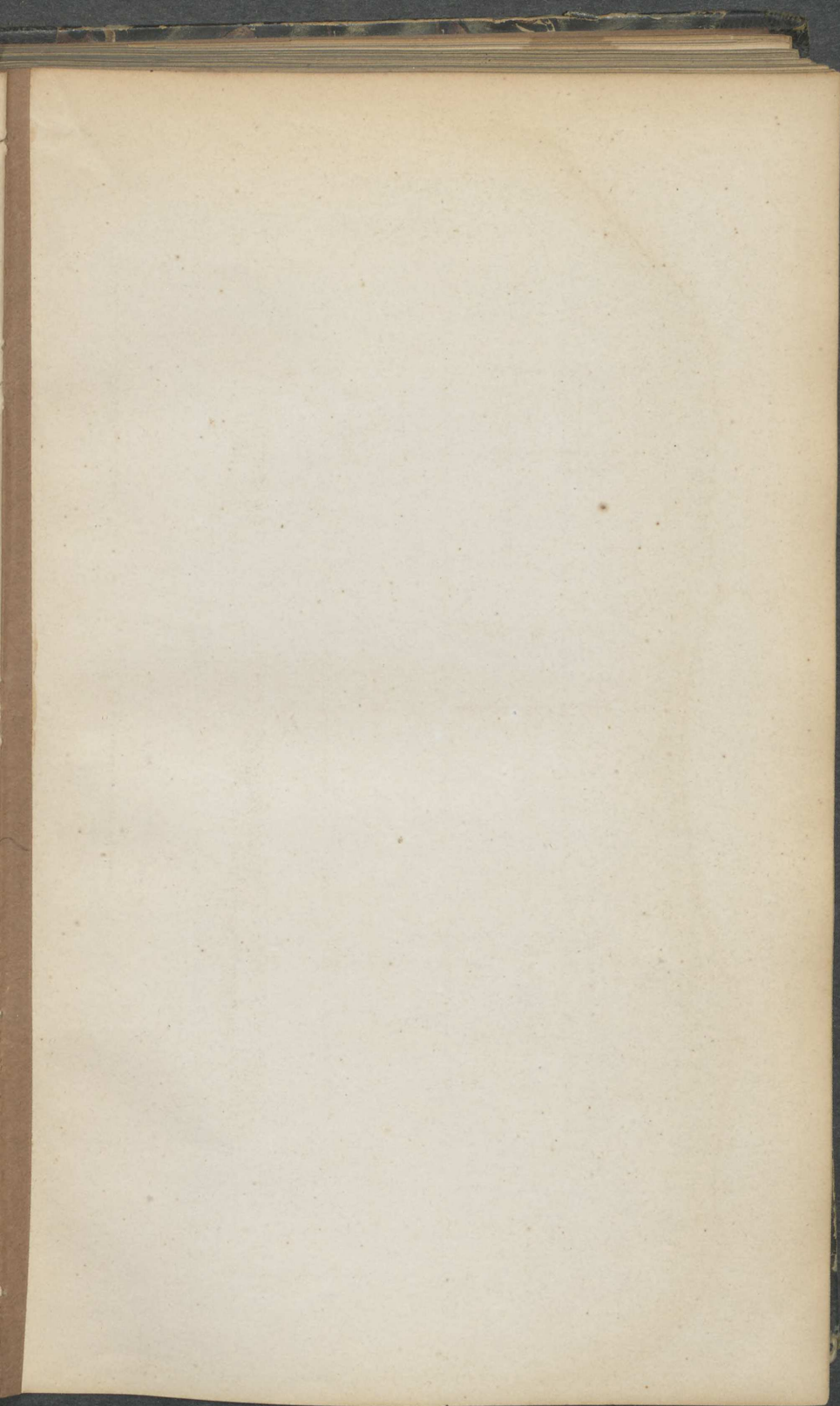
24 F. dia Morterbrudsk.

fra oven.



Snit a b.



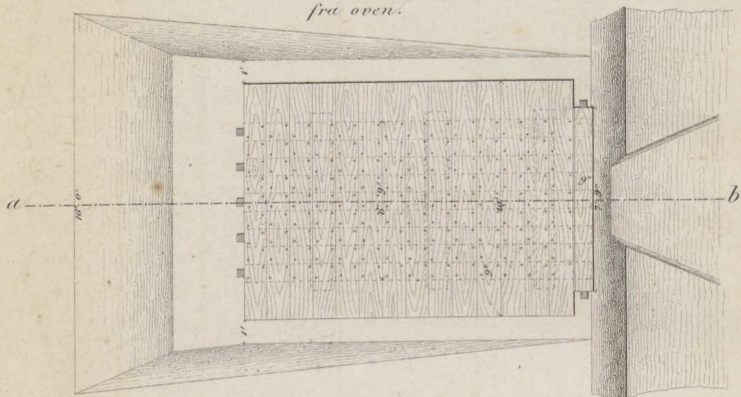


36^{te} ^{den} Rappertbridsk.

Snit a b.



fra oven.

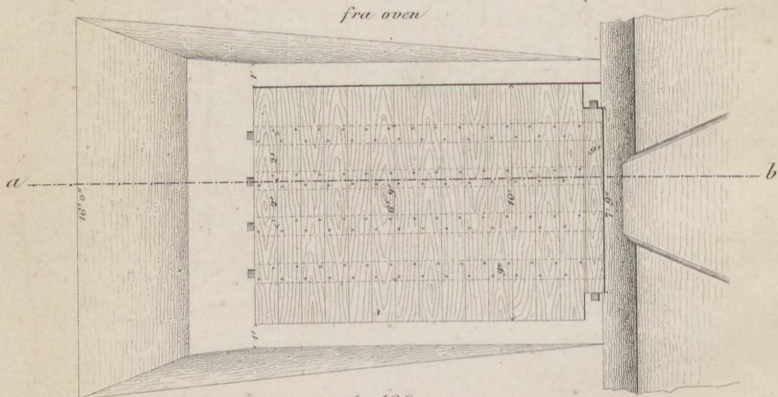


24^{te} ^{den} Rappertbridsk.

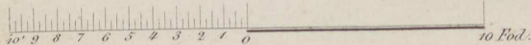
Snit a b.



fra oven.



1: 100.



Bridsker.

	Stykker.		Tømmer. løb. Fod.		Planker. løb. Fod.		Spiger. Antal.		Pæle	
	An- tal.	à Fod.	9" / 9"	4 1/2 à 6"	2 1/2" / 12"	2" / 12"	8"	5"	3 1/2 l	1 1/2 l
				4 1/2 à 6"					4" i	□
36 Pd. Rappertbridsk.										
Tverribber	3	7 1/4	21 3/4	"	"	"	"	"	"	"
Længderibber	5	14 3/4	73 3/4	"	"	"	"	"	5	"
Stødtræ	1	7 3/4	7 3/4	"	"	"	"	"	2	"
Planker	14	10	"	"	140	"	101	"	"	"
Summa	"	"	102 3/4	"	140	"	101	"	7	"
24 Pd. Rappertbridsk.										
Længderibber	4	14 3/4	59	"	"	"	"	"	4	"
Stødtræ	1	7 3/4	7 3/4	"	"	"	"	"	2	"
Planker	14	10	"	"	140	"	86	"	"	"
Summa	"	"	66 3/4	"	140	"	86	"	6	"
Alm. Morteerbridsk.										
Længderibber	3	7	21	"	"	"	"	"	"	"
Tverribber	10	6	60	"	"	"	"	"	6	"
Summa	"	"	81	"	"	"	"	"	6	"
24 Pd. Morteerbridsk.	3	2	"	"	"	6	"	"	"	4
Nødbridsk Nr. I.										
Tverribber	2	7	"	14	"	"	"	"	8	"
	2	8	"	6	"	"	"	"	4	"
Planker	7	10	"	"	"	70	"	28	"	"
Summa	"	"	"	20	"	70	"	28	12	"
Nødbridsk Nr. II.										
Tverribber	2	7	"	14	"	"	"	"	6	"
	2	3	"	6	"	"	"	"	2	"
Planker	7	10	"	"	"	70	"	34	2	"
Summa	"	"	"	20	"	70	"	34	10	"
Nødbridsk Nr. III.										
Tverribber	2	6	"	12	"	"	"	"	8	"
	2	2 1/2	"	5	"	"	"	"	4	"
Planker	4	10	"	"	"	40	"	16	2	"
Summa	"	"	"	17	"	40	"	16	14	"

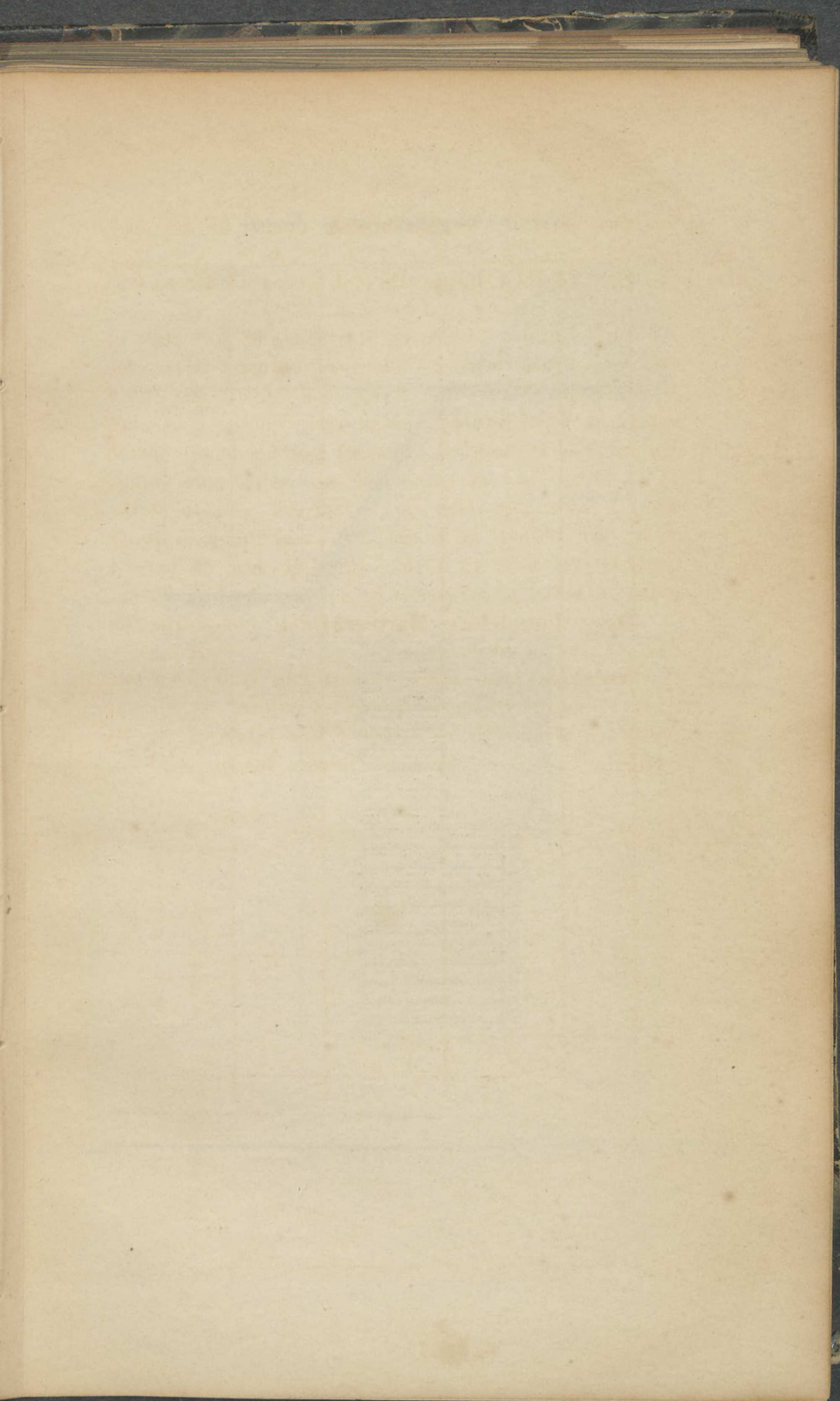
Den 36 Pds. Rapportbridsk bruges til den 168 Pds. G. K., 84 Pds. G. K. I og 36 Pds. K. K.

Den 24 Pds. Rapportbridsk bruges til den 84 Pds. G. K. II, 24 Pds. og 18 Pds. K. K.

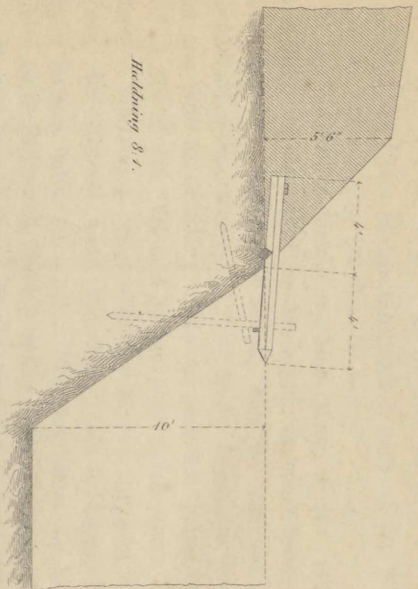
Disse Bridsker tilstede en Sideretning af 30° (15° til hver Side) for de tohjulede Affutager, og noget mindre for de firhjulede. Skydes over Bænk, kan der erholdes større Forandring i Sideretning, ved at kaste Affutagen over til den ene Side af Bridsken. Man vil saaledes kunne opnaae 45° à 60° i Alt. Vil man kunne give endnu større Variationer i Sideretning, eller skal der skydes gennem Skydeskaar, der tilstede mere end 30° , maa Bridskens Brede bagud forøges indtil 12 à 15'. Bridsken maa da have 1 Ribbe og 1 Pæl mere, samt 1 Spiger mere for hver Planke.

Den almindelige Morteerbridsk bruges til 168 Pds., 84 Pds. og Steenmorterer.

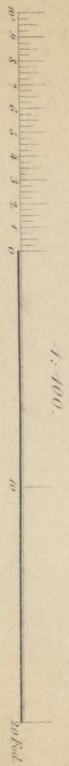
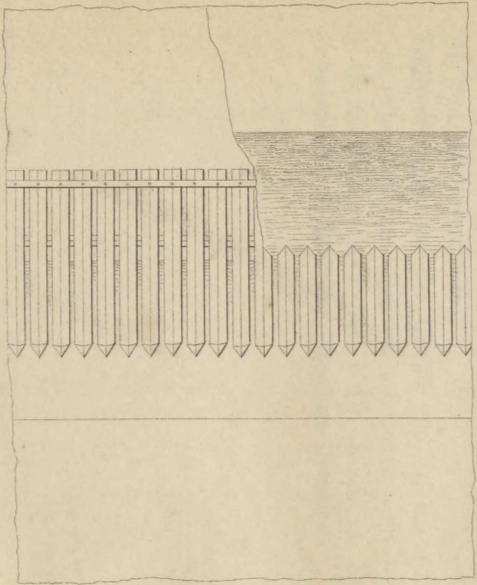
Nødbridskerne bruges til 24 Pds. G. K., 12 Pds. K. K. og mindre Piecer affuterede i Lavetter. Nr. I og II tilstede en Sideretning af c. 10° i Alt, hvorimod Nr. III kun er anvendelig til Skydning i bestemt Retning.

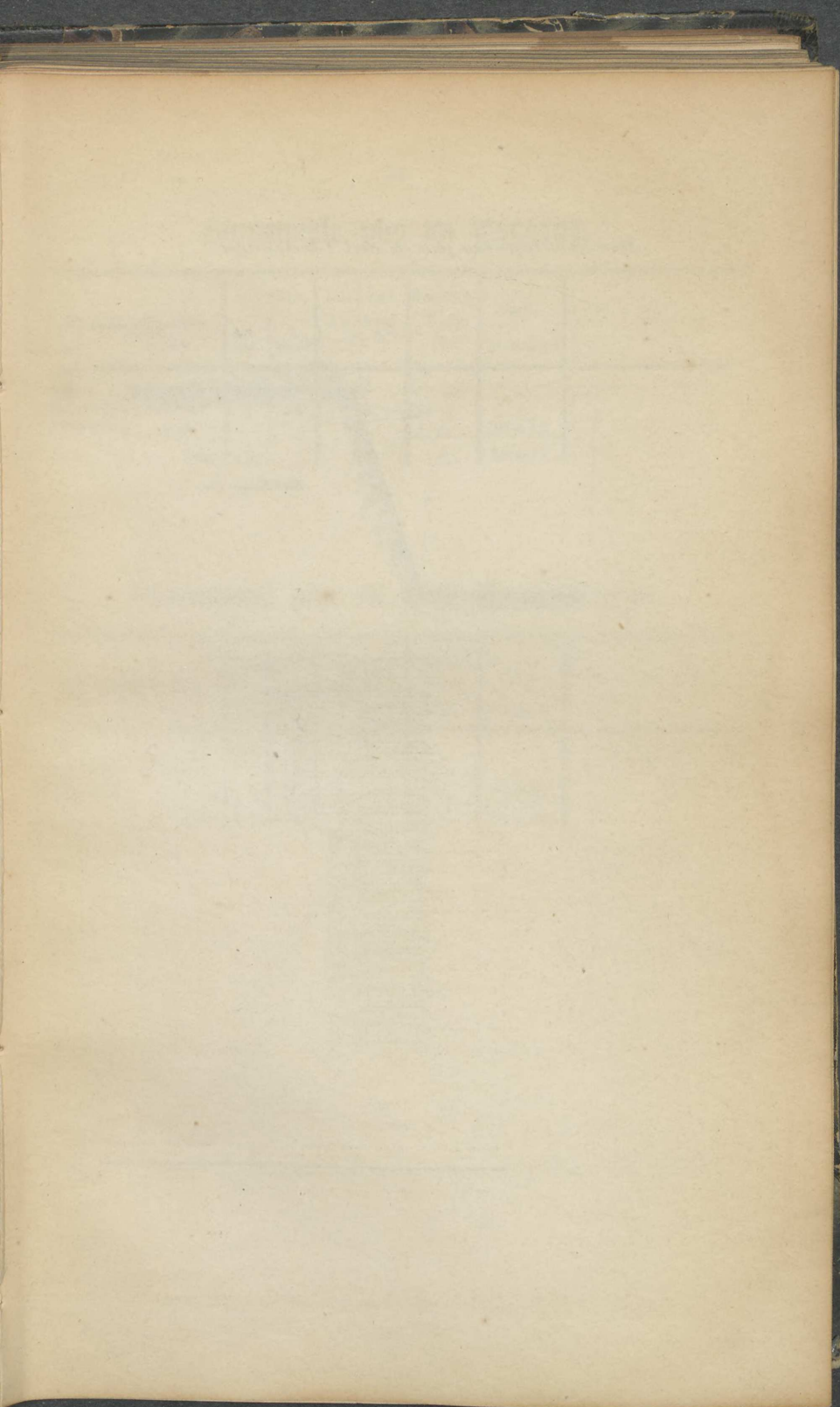


Stormpolderdegning put en boortje.

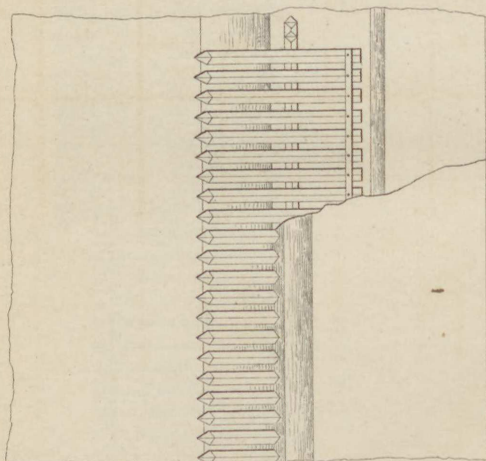
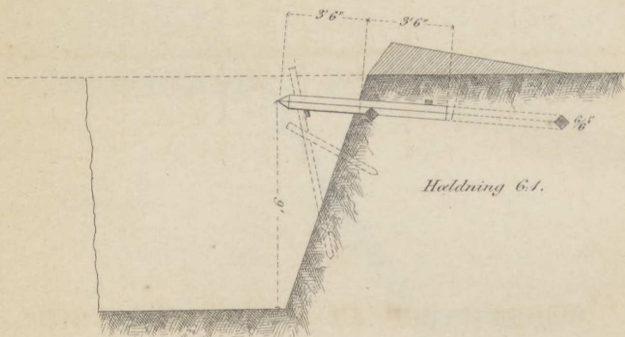


Figuur 8 1.

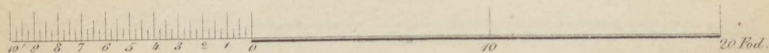




Stormpælelægning paa en steil Contrescarpe.



4. 100.



Stormpæle paa en Escarpe.

10 løbende Fod.	Stykker.		Tømmer. løb. Fod. 7 ¹¹ / ₇ "	Lægter. Tylt. 12 ⁰	Søm. 4" eller 5"
	An- tal.	à Fod.			
Pæle	10 ¹ / ₂	8	84	"	"
Underlagstømmer	1	10	10	"	"
Lægtning	"	"	"	¹ / ₂ 1	10 " 12
Ialt	11 ¹ / ₂	"	94	¹ / ₂ 4	10 à 12

Stormpæle paa en steil Contrescarpe.

10 løbende Fod.	Stykker.		Tømmer. løb. Fod. 6 ¹¹ / ₆ "	Lægter. Tylt. 12 ⁰	Søm. 4" eller 5"
	An- tal.	à Fod.			
Pæle	11	7	77	"	"
Underlagstømmer	1	10	10	"	"
Lægtning	1	10	"	¹ / ₂ 4	11 " 12
Ialt	12	"	87	¹ / ₂ 4	11 à 12

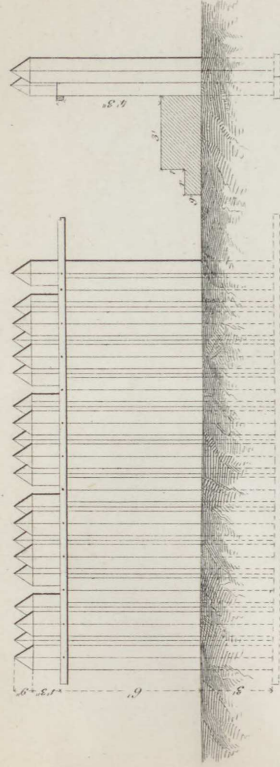
Stillads til Stormpøfslægning.

10 løbende Fod.	Stykker.		Lægter.		Søm.
	An-tal.	å Fod.	løb. Fod.	Tykt. 12 ^o	
2 Bukke	2	8	16	"	"
	2	6	12	"	"
vandret Stykke	1	10	10	"	2
Ialt	5	"	38 = $\frac{2}{12}$		4

Palissadering.

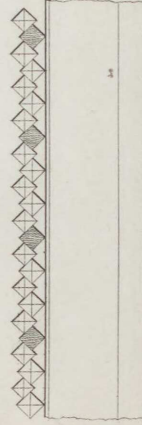
10 løbende Fod.	Stykker.		Tømmer.	Bræder.	Lægter.	Søm.	Anmærkning.
	An-tal.	å Fod.	løb. Fod. 9"	Tykt. 10'	Tykt. 12 ^o	4"	
Forsvarspalissade-ring af fiirkantet Tømmer	11	11	121	$\frac{2}{12}$	$\frac{1}{24}$	5	Istedetfor Lægter an-vendes ogsaa $2\frac{1}{2}$ " eller $3\frac{1}{16}$ " Halvtømmer og 5" eller 6" Søm.
	3	9	27	"	"	3	
	Ialt	14	"	148	$\frac{2}{12}$	$\frac{1}{24}$	
Forsvarspalissade-ring af rundt Tømmer	15	11	165	$\frac{2}{12}$	$\frac{1}{24}$	6	
	4	9	36	"	"	4	
	Ialt	19	"	201	$\frac{2}{12}$	$\frac{1}{24}$	
Alm. Palissadering	$7\frac{1}{2}$	11	$82\frac{1}{2}$	$\frac{1}{12}$	$\frac{1}{12}$	8	

Forsvæmpetpalisadering.

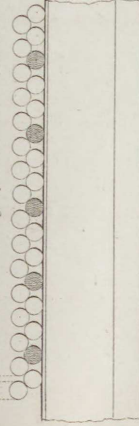


Fra Enden.

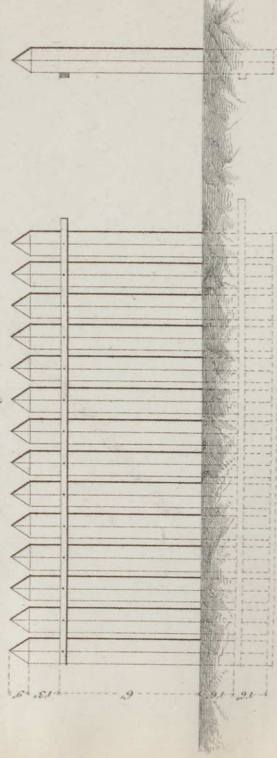
Fra Oven.



Forsvæmpetpalisadering af rundtømmer. Fra Oven.

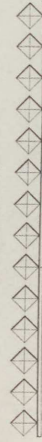


Almindelig Palisadering.

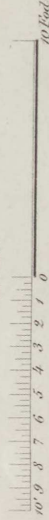


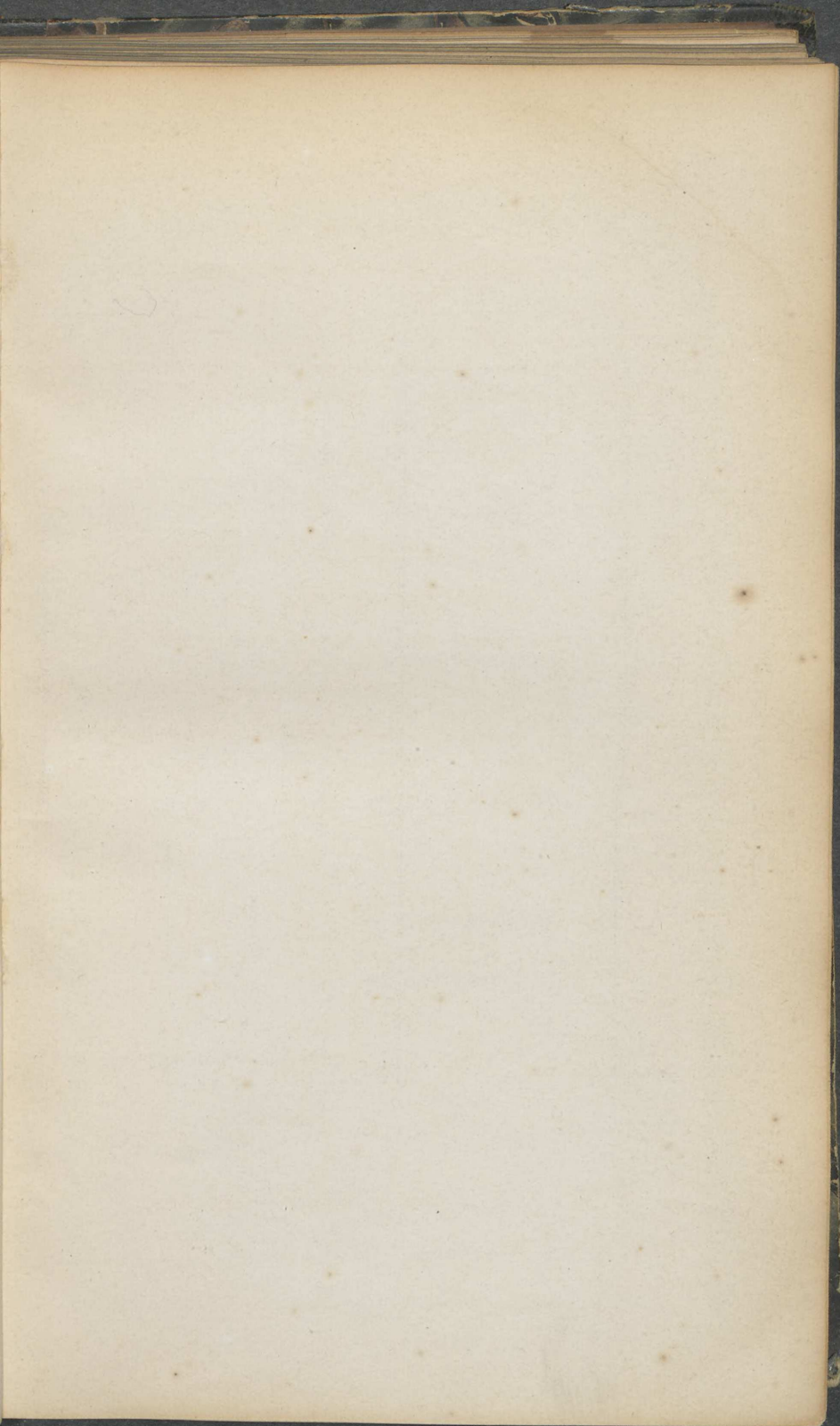
Fra Enden.

Fra Oven.



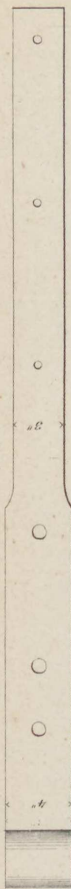
1: 100.



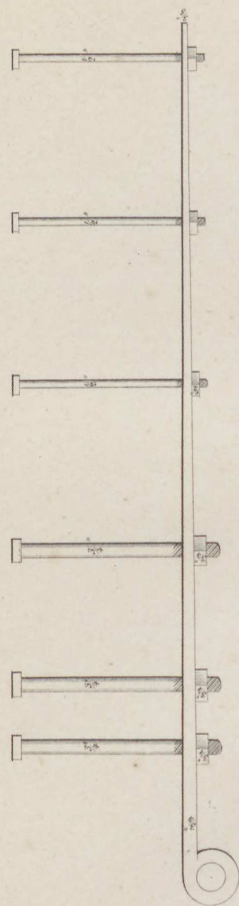


Beslag til Barriereporten.

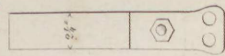
*Hængslet.
seet forfra.*



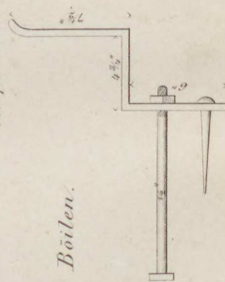
Seet fraoven



Seet forfra.

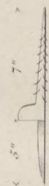


Bøilen.

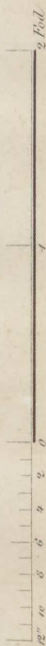


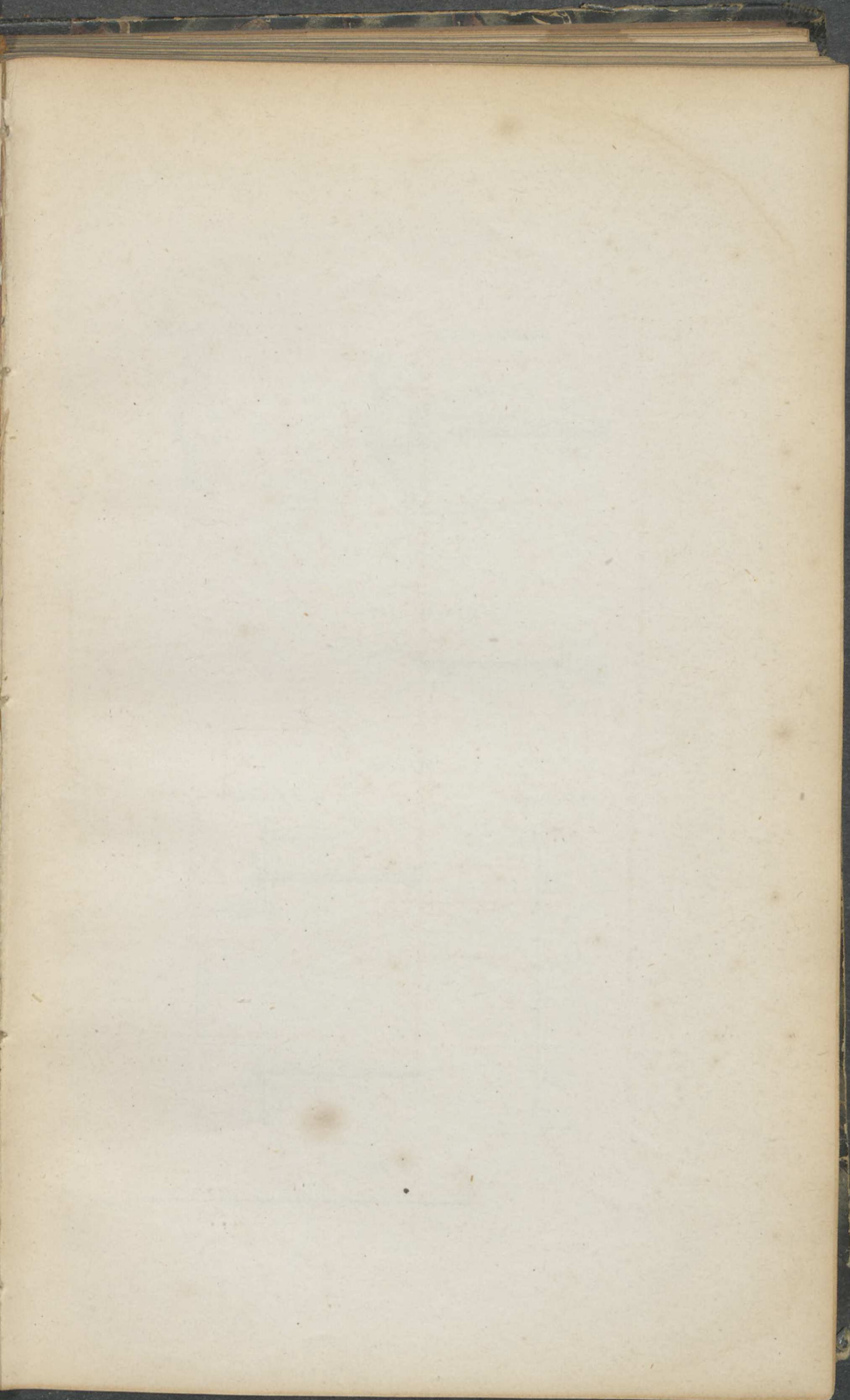
Seet fra Bøilen.

Naelte til Stablen.



1: 12.

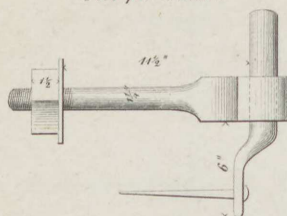




Beslag til Barriereporten.

Stablen.

Sect fra Siden.



Sect forfra.

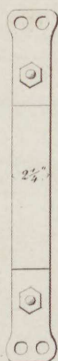


Sect fra oven.

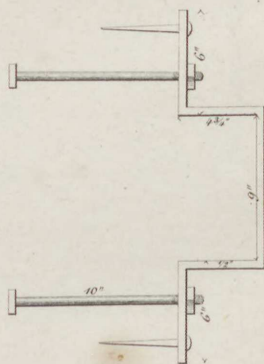


Bøilen.

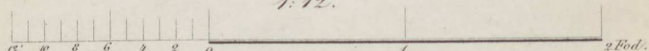
Sect forfra.

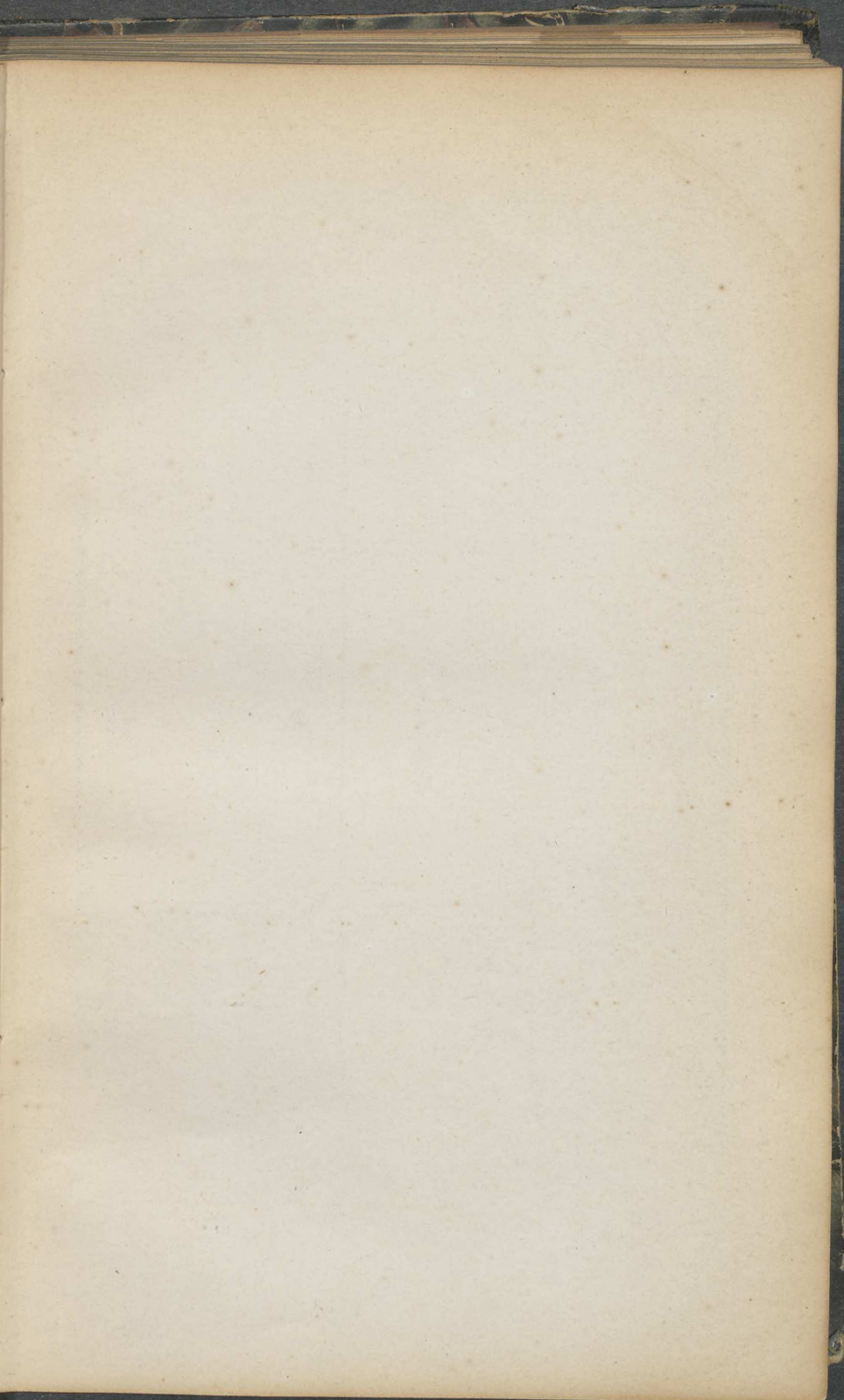


Sect fra Siden.

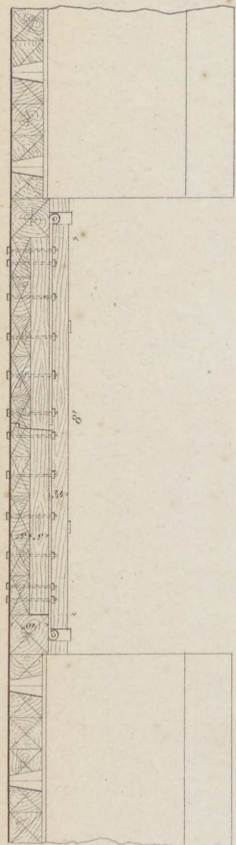


1. 12.

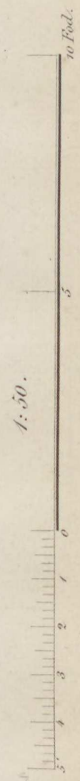
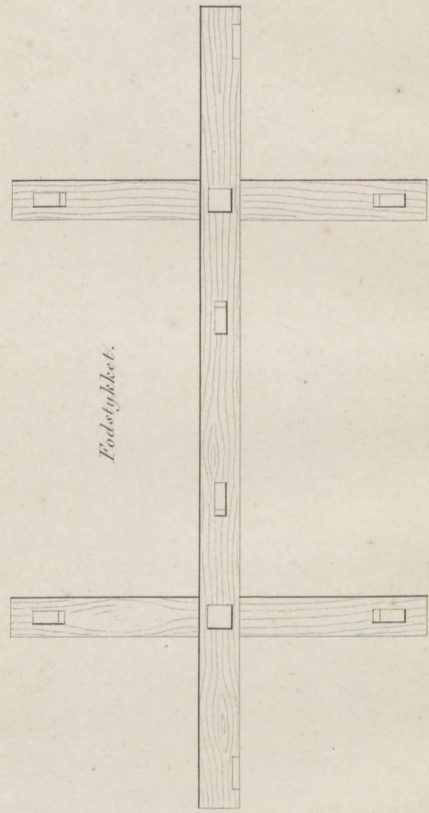


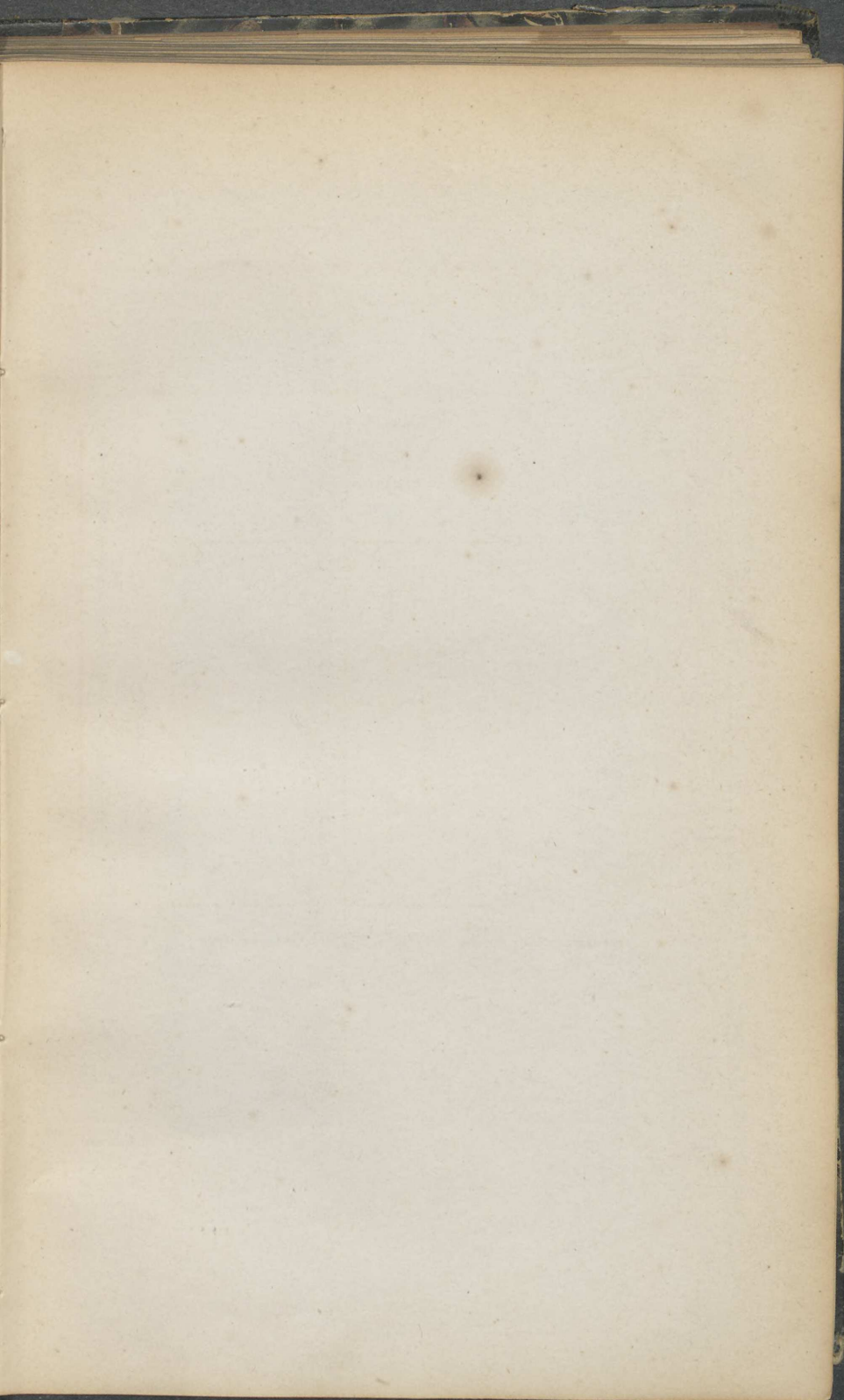


Seet fra oven.

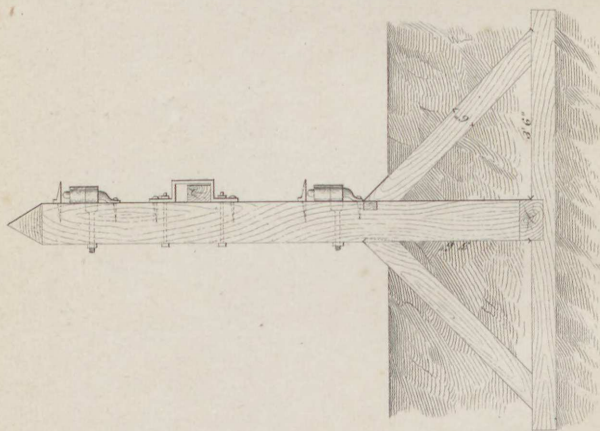


Fodstykkeket.

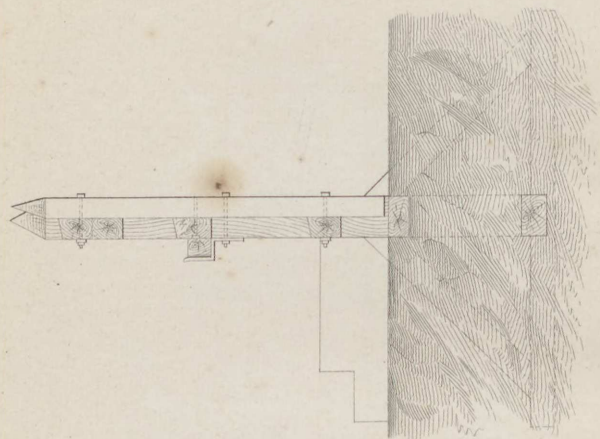




Snit a b

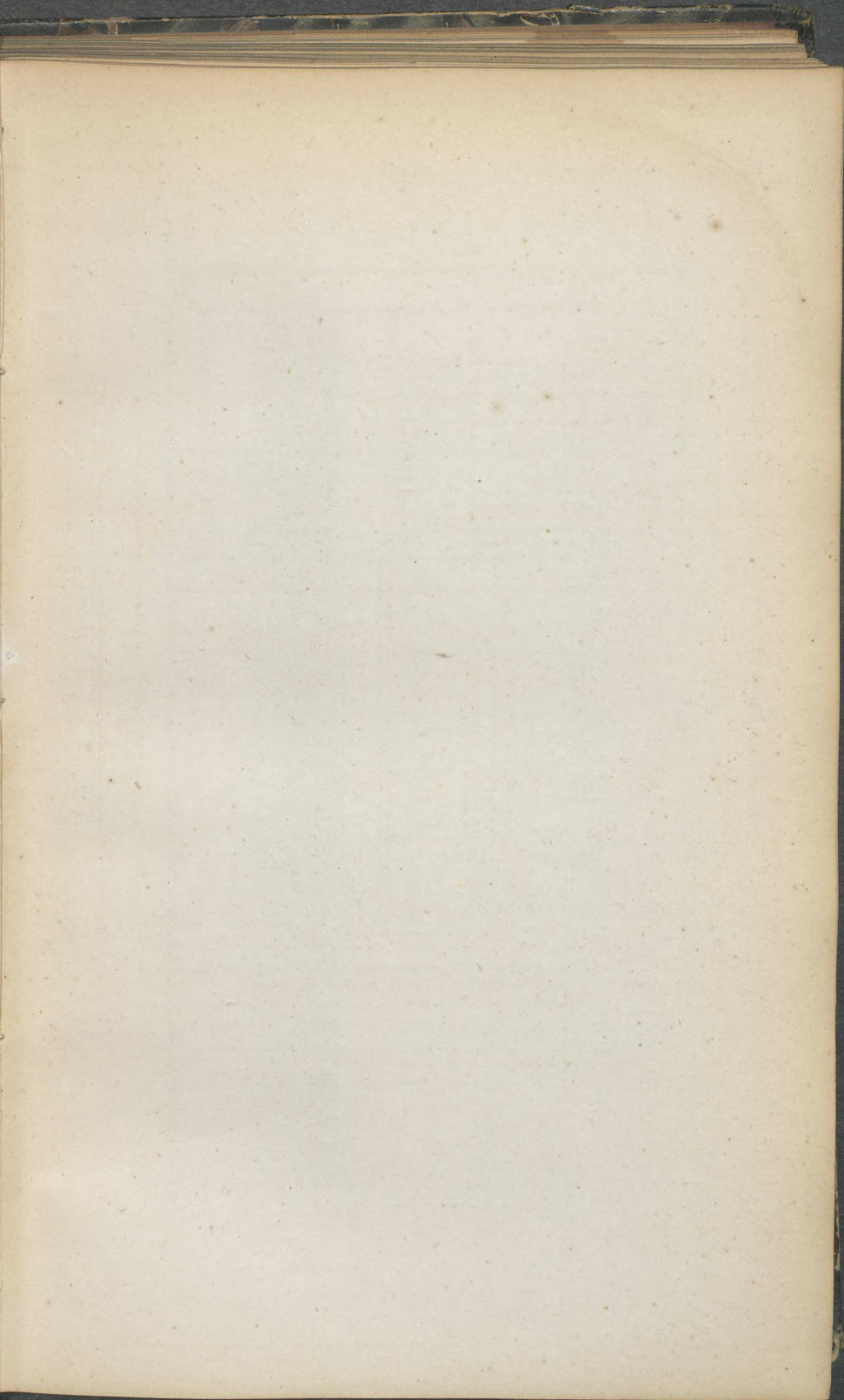


Snit c d

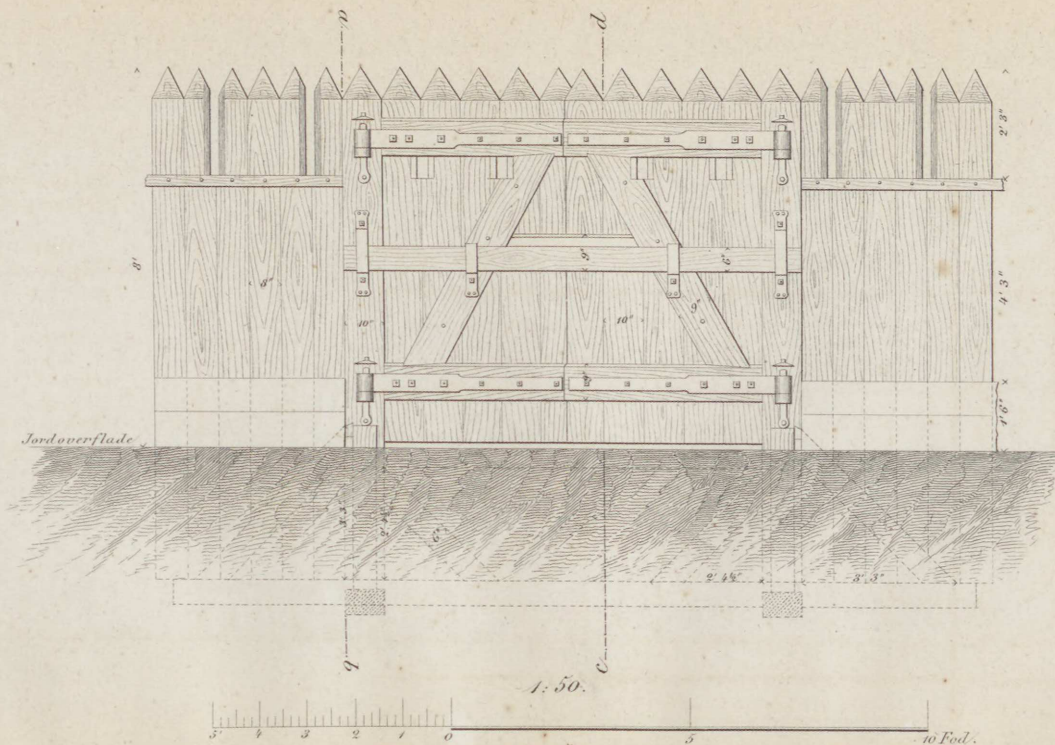


1:50.

10 Feet.



Barriere = Port.



Barriere-Port.

	Stykker.		Tømmer løbende Fod						Hængsler.	Stabler.	Hæfter.	Boiler.		Skruebolte.		Spiger.	
	An-tal.	å Fod.	10"/10"	5"/10"	6"/6"	4"/6"	3"/6"	3"/6"				hele 11Pd.	halve 6½Pd.	¾" 0 Jern 1 1/3 Pd.	5/8" 0 Jern 1 1/3 Pd.	¾ Pd.	1/2 Pd.
Portstolper	2	11	22						"	4	4	2	"	"	4	4	8
Fodstykke, det lange	1	17	"	17	"	"	"	"	"	"	"	"	"	"	"	"	"
do. det korte	2	8½	"	17	"	"	"	"	"	"	"	"	"	"	"	"	"
Skræstiver	4	5	"	"	20	"	"	"	"	"	"	"	"	"	"	"	"
do.	2	3½	"	"	7	"	"	"	"	"	"	"	"	"	"	"	"
do.	2	4½	"	"	"	"	9½	"	"	"	"	"	"	"	"	"	"
Fodstykke mellem Stolperne	1	8½	"	8½	"	"	"	"	"	"	"	"	"	"	"	"	"
Portpalissader	10	8	"	80	"	"	"	"	"	"	"	"	"	12	"	"	"
Revler	4	8	"	16	"	"	"	"	4	"	"	"	"	"	"	"	"
do.	1	3½	"	3½	"	"	"	"	"	"	"	"	"	"	"	"	4
Skræbaand	2	5½	"	11	"	"	"	"	"	"	"	"	"	"	"	"	"
Lukkebohm	1	10	"	"	"	10	"	"	"	"	"	"	"	"	"	"	"
Ialt	"	"	22	153	27	10	9½	4	4	4	4	2	2	12	18	4	12

Til Afbinding og Beslaaning af en ru Barriereport medgaar omtrent 12 Tømmersvendage.

Bro i et

	Stykker.		Tømmer løbende Fod						Planker løb. Fod	Bræder Tylt.
	An- tal.	å Fod.	10"/10"	8"/8"	4"/6"	4"/4"	3"/6"	3"/12"	10'	
Den faste Deel.										
Aaget. Pæle	2	10	"	20	"	"	"	"	"	
Hammerstykke	1	10	"	10	"	"	"	"	"	
Korsbaand	2	10	"	"	"	"	"	"	2 12	
Underlagstømmer	1	10	"	10	"	"	"	"	"	
Pæle	2	4	"	"	"	8	"	"	"	
Strækbjælker	4	10	"	"	40	"	"	"	"	
Brodække	"	"	"	"	"	"	"	"	1 8 12	
Den bevægelige Deel.										
Underlagstømmer	1	10	"	10	"	"	"	"	"	
Pæle	2	4	"	"	"	8	"	"	"	
den faste Buk, Foden	1	13 1 2	"	"	"	"	"	13 1 2	"	
	2	7	"	"	"	"	"	14	"	
Skraabaand	8	3	"	"	"	24	"	"	"	
Stolper	2	2 1 2	5	"	"	"	"	"	"	
den bevægelige Buk,										
Over- og Understykke	2	10	"	20	"	"	"	"	"	
Sidestykke	2	9 1 2	"	19	"	"	"	"	"	
Korsbaand	2	9	"	"	"	"	18	"	"	
Brobjælker	4	23 1 2	"	"	94	"	"	"	"	
Kors under Bjælkerne	4	10	"	"	"	"	"	"	4 12	
Brodække	"	"	"	"	"	"	"	"	4	
Indhalere	"	"	"	"	"	"	"	"	"	
Rækværk.	"	"	"	"	"	"	"	"	"	
Ialt	"	"	5	89	134	40	18	27 1 2	51 9 12	

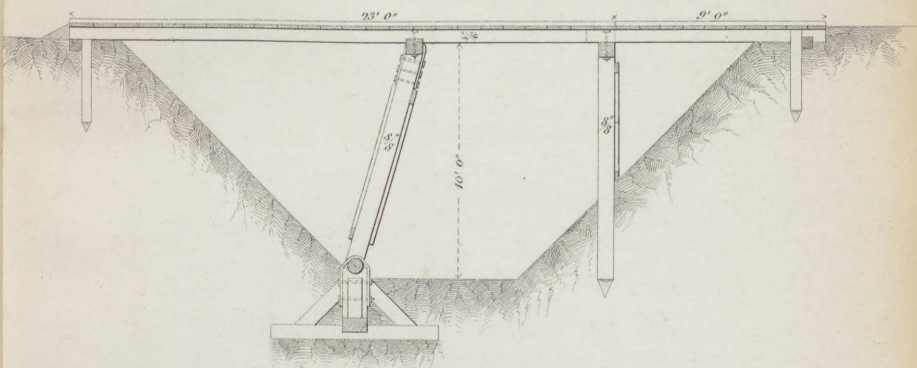
Jestværk.

Lægter Tykt. 12 ^o	Søm		Broklamre $12'' + 1\frac{1}{2}'' + \frac{3}{8}''$ $2\frac{1}{8}$ Pd.	Hals- baand $2'' + \frac{3}{8}''$ 5 Pd.	Skruebolte $\frac{5}{8}''$			Anmærkning.
	5''	4''			15'' $1\frac{3}{4}$ Pd.	13'' $1\frac{1}{2}$ Pd.	11'' $1\frac{1}{4}$ Pd.	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	8	"	"	"	"	"	
"	"	"	4	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	4	"	"	
"	$\frac{1}{12}$	"	"	"	"	"	"	
"	"	200	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	2	"	4	"	
"	"	"	"	"	4	"	"	
"	"	"	"	2	"	"	4	
"	10	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	40	"	"	"	"	"	
"	$\frac{2}{12}$	450	"	"	"	"	"	
"	$\frac{1}{12}$	"	"	"	"	"	"	
"	$\frac{5}{12}$	100	"	"	"	"	"	
"	"	"	"	"	"	"	"	
1	10	798	4	4	8	4	4	

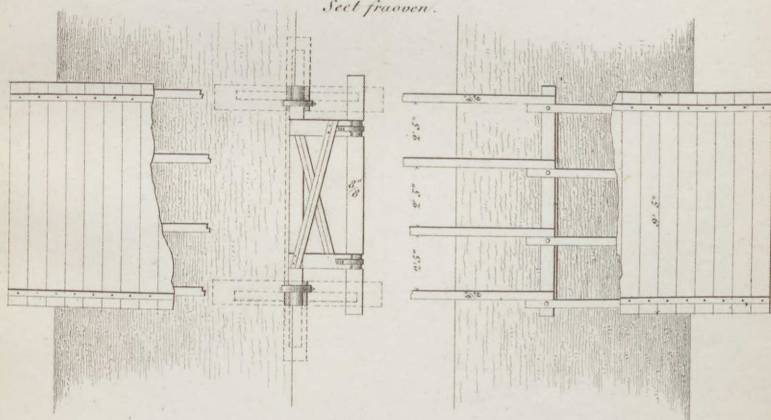
Anmerkungen.	Stationspunkte.				Höhe.		Breitungs.		Stärke.	
	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
1. Die erste Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
2. Die zweite Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
3. Die dritte Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
4. Die vierte Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
5. Die fünfte Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
6. Die sechste Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
7. Die siebente Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
8. Die achte Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
9. Die neunte Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
10. Die zehnte Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
11. Die elfte Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
12. Die zwölfte Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
13. Die dreizehnte Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
14. Die vierzehnte Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
15. Die fünfzehnte Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
16. Die sechzehnte Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
17. Die siebzehnte Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
18. Die achtzehnte Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
19. Die neunzehnte Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
20. Die zwanzigste Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
21. Die einundzwanzigste Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
22. Die zweiundzwanzigste Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
23. Die dreiundzwanzigste Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
24. Die vierundzwanzigste Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
25. Die fünfundzwanzigste Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
26. Die sechsundzwanzigste Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
27. Die siebenundzwanzigste Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
28. Die achtundzwanzigste Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
29. Die neunundzwanzigste Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
30. Die dreißigste Station.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.

Bro i et Feltværk

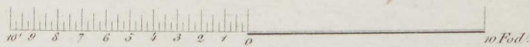
Sect fra Siden.



Sect fra oven.

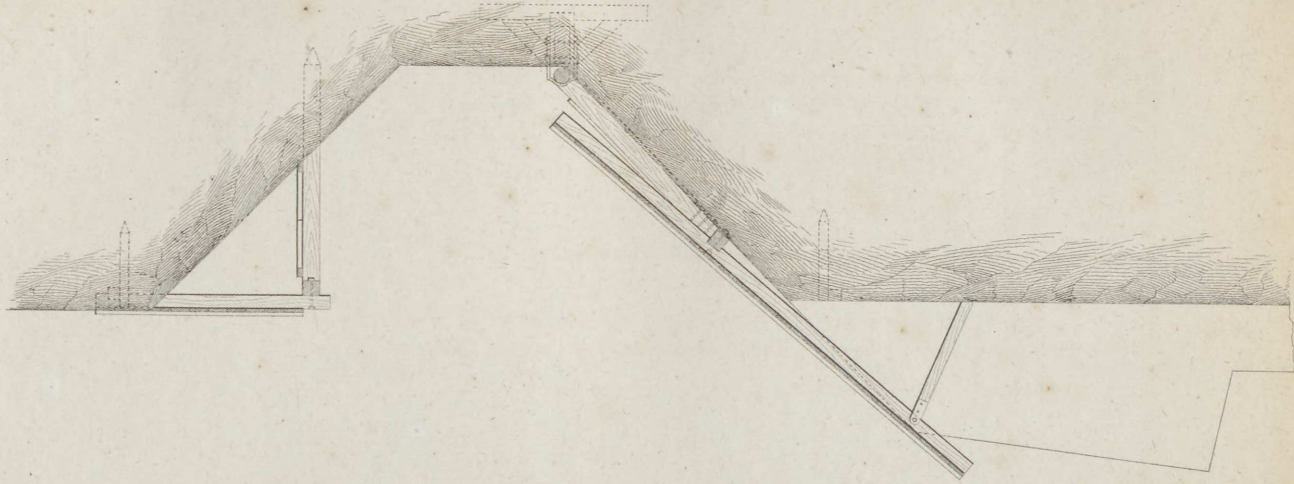


1: 100.



Bro i et Fjellværk.

Seet fra Siden. Broen optrukken.



1:100.

10 Fod.

Krudtmagasin

	Stykker.		Tømmer		Planker løb. Fod 24"/9"	Bræder Tylt				Lægter Tylt 12 ^o	Hængs- ler. 3" ⁺ 1 ² / ₂ 12 ¹ / ₂ Pd.
	An- tal.	å Fod.	9"/9"	8"/8"		13'	10'	9'	7'		
Magasinet. 7 Rammer,											
Hoved- og Fodstykker	14	7 ¹ / ₂	"	102 ² / ₃	"	"	"	"	"	"	"
Sidestykker	14	6 ³ / ₄	"	93 ¹ / ₂	"	"	"	"	"	"	"
Gulv og Loft	"	"	"	"	"	1 ¹ / ₄	2 ¹ / ₂	"	1 ¹ / ₄	"	"
Sidevæggene, Planker	20	"	"	"	260	"	"	"	"	"	"
Bjælker	16	"	210	"	"	"	"	"	"	"	"
Loftets Blendering	12	20 ¹ / ₂	246	"	"	"	"	"	"	"	"
Skillerum og Dør	10	"	"	62	"	"	"	"	"	"	4
Hylde	"	"	"	"	"	2	"	"	"	"	"
Nedgang. 3 Rammer,											
Hoved- og Fodstykker	6	4 ¹ / ₂	"	26	"	"	"	"	"	"	"
Sidestykker	6	6 ¹ / ₂	"	39	"	"	"	"	"	"	"
Sidevæggenes Beklædn.	"	"	"	"	"	"	"	"	2 ¹ / ₂	"	"
Loftets Blendering	7	8	56	"	"	"	1	"	"	"	"
Dør	"	"	"	"	"	"	"	"	3 ³ / ₄	"	"
indvendig Afsværdning	"	"	"	"	"	"	"	"	2 ¹ / ₂	"	"
Trin	"	"	"	"	"	"	"	"	1 ¹ / ₂	"	"
Taget over Magasinet.	"	"	"	"	"	1 ³ / ₄	8 ¹ / ₂	"	"	"	"
Luftløb.	"	"	"	8	"	"	"	"	"	"	"
Indgangens Blendering.	7	12	84	"	"	"	"	"	"	"	"
Ialt	"	"	596	331	260	3 ⁷ / ₁₂	2 ¹ / ₂	10	4 ³ / ₄	4 ¹ / ₂	4

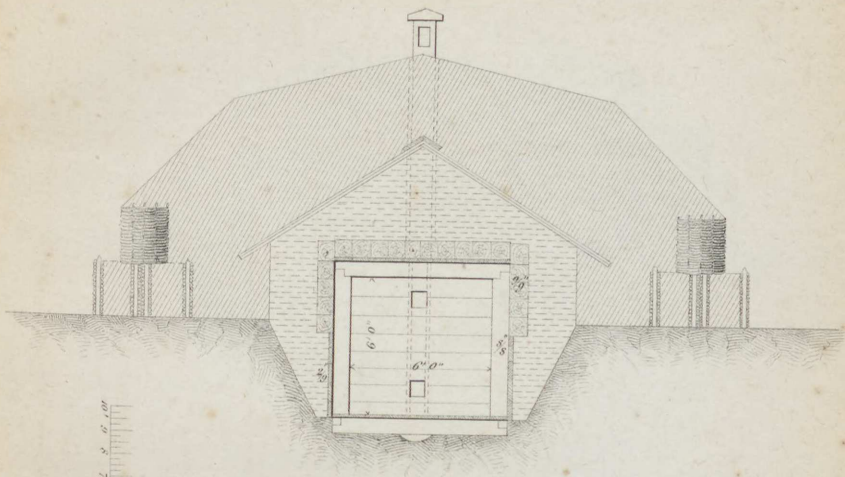
I et saadant Magasin kan rummes enten 2 store Voldammunikionskasser eller 3 Ammunitionsvognkasser, hvori kan magasineres indtil 2000 Pd. Krudt i Ladninger. Af de nye Karduskasser kan i dette Magasin stables 112 Stk. i to Rækker langs hver Side, 4 Kasser i Høiden. Det underste Lag Kasser sættes paa Strøer. Krudttønder stables indtil 3 Lag, i Nødsfald i 4 Lag, i Høiden; det underste Lag paa Strøer.

af Tømmer.

Stab- ler.	Skrue- bolte.	Overfald.	Øskén	Stabel- Hængsler.	Overfald med Krampe.	Søm.		Anmærkning.
						5"	4"	
16Pd.	1 $\frac{3}{8}$ Pd.	2 $\frac{1}{2}$ " $\times$ $\frac{1}{2}$ " $\times$ 9"	3 $\frac{1}{4}$ "	1 $\frac{1}{2}$ Pd.				
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	500
"	"	"	"	"	"	200	"	
"	"	"	"	"	"	"	"	
4	12	1	2	"	"	"	"	
"	"	"	"	"	"	"	200	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	100
"	"	"	"	"	"	"	"	50
"	"	"	"	2	1	"	"	25
"	"	"	"	"	"	"	"	50
"	"	"	"	"	"	"	"	900
"	"	"	"	"	"	"	"	50
"	"	"	"	"	"	"	"	
4	12	1	2	2	1	200	1875	

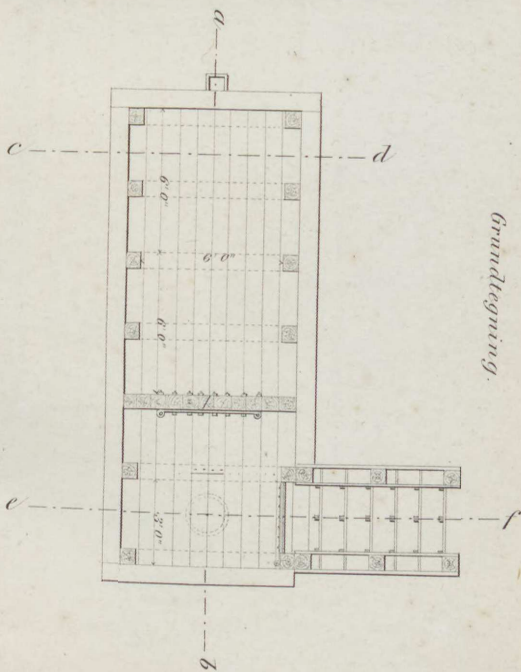
Krudttønderne stables med Bundene op imod Magasinets Gavl. De fyldte Granater og Brandgranaterne anbringes paa Hylder efter Længden af Magasinet; der kan anbringes indtil 4 à 5 saadanne Hylder, der maa være vel afstøttede og fæstede til Tømmerværket. Hyldernes Brede gjøres indtil 1 $\frac{3}{4}$ ', hvorved de største Granater kunne stilles i 2, de mindre i 3 à 4 Rækker paa Hylderne.

Snit e d.



Et Krudtmagasin.

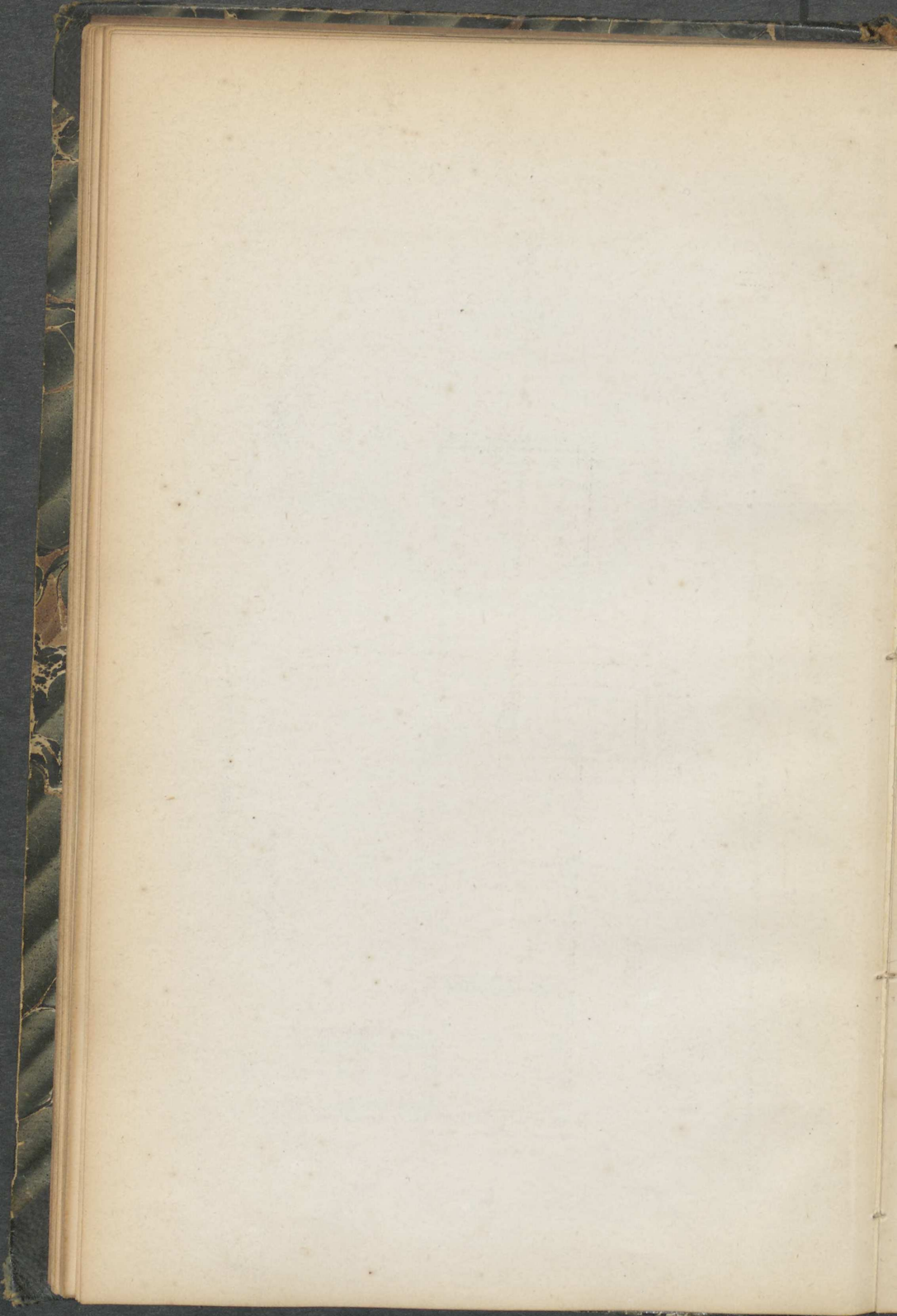
Grundtegnig.



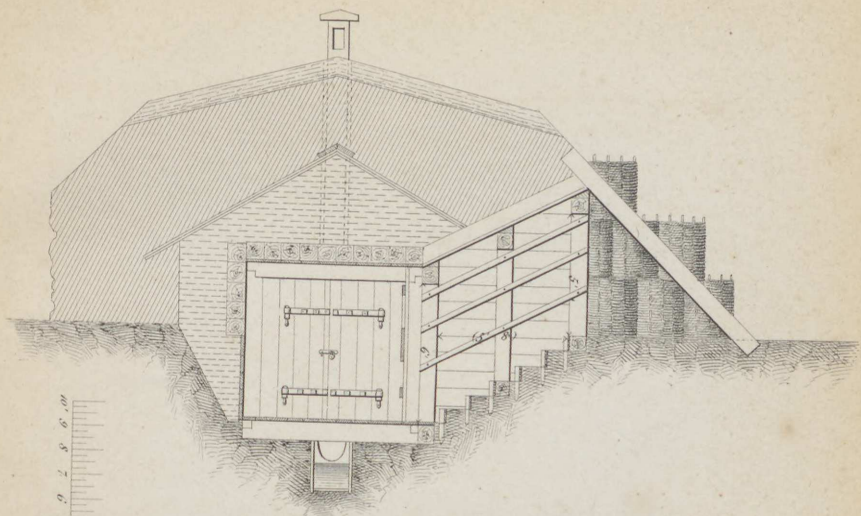
f. 100.

10

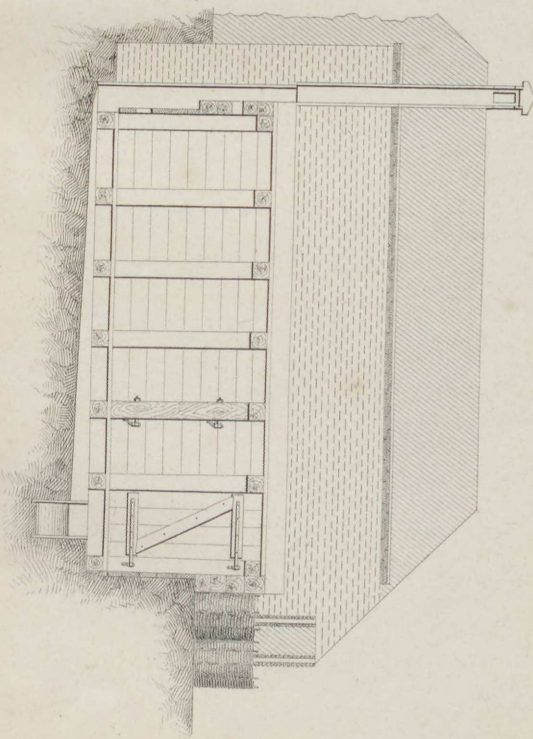
10 f. 100.



Snit e f.



Snit a b.

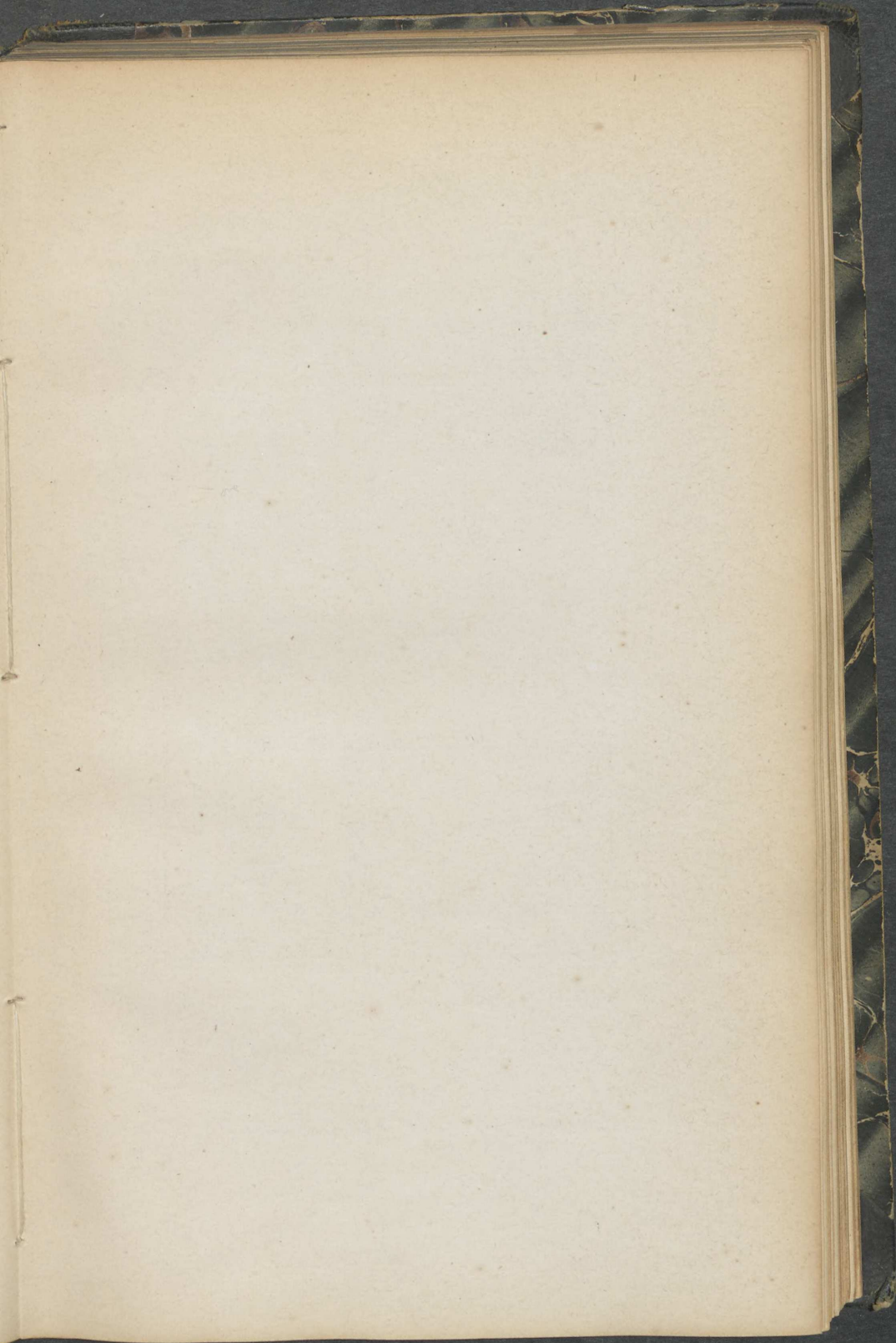


1: 100.

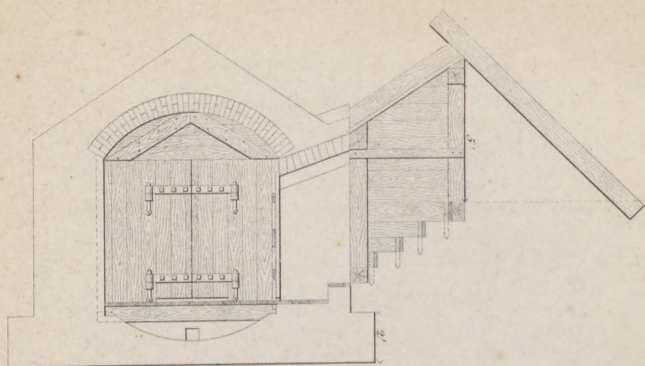


10

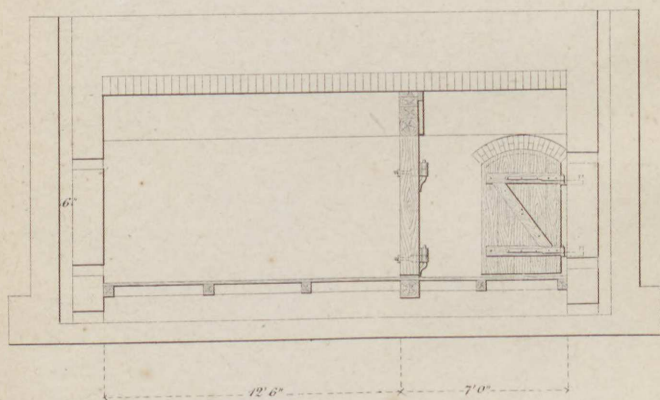
30 Feet.



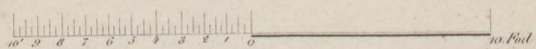
Suit c d e.

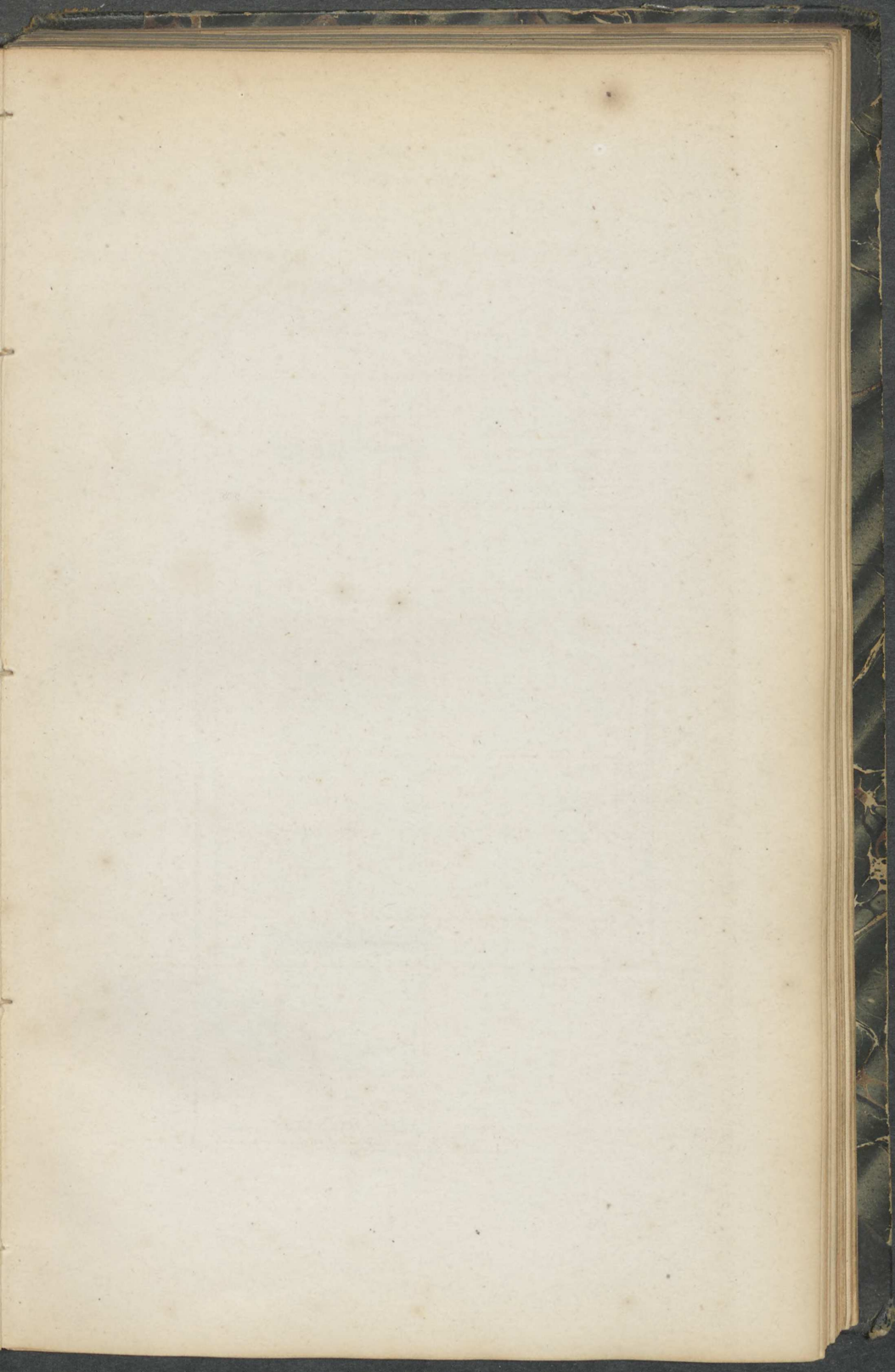


Suit f g.



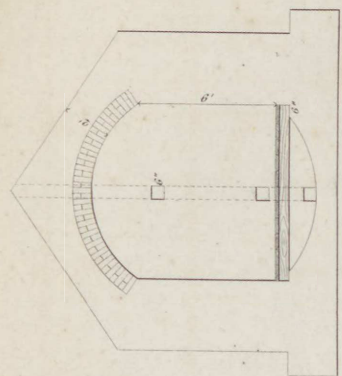
A: 400.



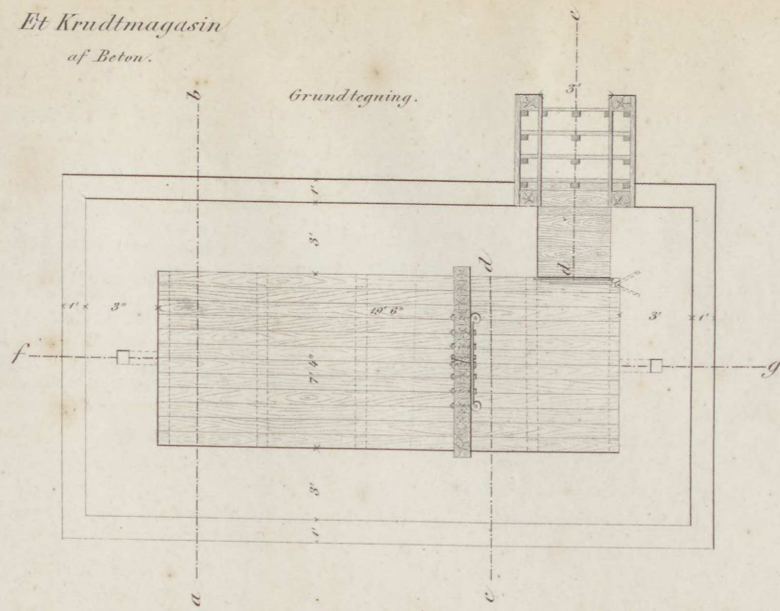


*Et Krudtmagasin
af Beton.*

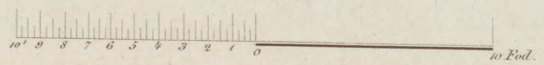
Snit a b.



Grundteguing.



1: 100.



Krudtmagasin

	Stykker.		Cubikfod.	Portland Cement. Tdr.	Steen- Skjæver. Cbfod.	Muursteen.	Sand. Tdr.	Tømmer løb. Fod		
	An- tal.	å Fod.						9"	8"	4"
Magasinets Muurmasse.	"	"	2300	78	2200	4000	284	"	"	"
Skillerum. Fodstykke	1	8	"	"	"	"	"	"	8	"
do. Dør	14	6 $\frac{1}{2}$	"	"	"	"	"	"	87 $\frac{1}{2}$	"
Udfyldning over Døren	4	"	"	"	"	"	"	"	24	"
Gulv. Underlag	8	7 $\frac{1}{2}$	"	"	"	"	"	"	"	60
Gulvet	"	"	"	"	"	"	"	"	"	"
Nedgangen. 2 Rammer, Hoved-	4	5	"	"	"	"	"	"	20	"
og Fodstykker	4	6	"	"	"	"	"	"	24	"
Sidestykker	"	"	"	"	"	"	"	"	"	"
Sidevæggenes Beklædning	7	6	"	"	"	"	"	"	42	"
Loftets Blendering	"	"	"	"	"	"	"	"	"	"
Dør	"	"	"	"	"	"	"	"	"	"
Indvendig Afsværdning	"	"	"	"	"	"	"	"	"	"
Trin	"	"	"	"	"	"	"	"	"	"
Lufttrør.	2	6	"	"	"	"	"	"	"	12
Indgangens Blendering.	7	"	"	"	"	"	"	"	84	"
Ialt	"	"	"	78	2200	4000	284	126	175 $\frac{1}{2}$	60

Magasinet rummer samme Antal Ammunitions- eller Karduskasser som det foregaaende.

Ved udførte Constructioner er den murede Hvælving ganske udeladt

af Beton.

Bræder. Tylt			Hængs- ler. 3"× $\frac{1}{2}$ "	Stabler. 16Pd.	Skrue- bolte. $\frac{3}{4}$ "	Overfald. $2\frac{1}{2}$ "× $\frac{1}{2}$ "×9"	$\frac{3}{4}$ " Øsken. 1 $\frac{1}{2}$ Pd.	Hængscl. $1\frac{3}{4}$ "× $\frac{3}{8}$ "×24" 4 $\frac{1}{4}$ Pd.	Stabel til at indmure. 5 $\frac{1}{4}$ Pd.	Overfald med Krampe. 4"	Søm. 3"
13'	7'	6'	12 $\frac{1}{2}$ Pd.	16Pd.	17 $\frac{1}{8}$ Pd.	3 $\frac{1}{4}$ Pd.	1 $\frac{1}{2}$ Pd.				
"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	4	4	12	"	2	"	"	"	"
"	"	$\frac{1}{4}$	"	"	"	1	"	"	"	"	10
1 $\frac{1}{4}$	1 $\frac{1}{4}$	"	"	"	"	"	"	"	"	"	30
"	"	"	"	"	"	"	"	"	"	"	250
"	"	"	"	"	"	"	"	"	"	"	"
"	"	2 $\frac{1}{2}$	"	"	"	"	"	"	"	"	125
"	"	1	"	"	"	"	"	"	"	"	"
"	"	$\frac{3}{4}$	"	"	"	"	"	2	2	1	40
"	"	$\frac{1}{4}$	"	"	"	"	"	"	"	"	10
$\frac{1}{4}$	"	$\frac{3}{4}$	"	"	"	"	"	"	"	"	40
"	"	$\frac{3}{4}$	"	"	"	"	"	"	"	"	50
"	"	"	"	"	"	"	"	"	"	"	"
1 $\frac{1}{2}$	2	4 $\frac{3}{4}$	4	4	12	1	2	2	2	1	180375

og Magasinet kan da opføres af 2 Brigader à 8 Mand i 5 à 6 Dage. Større Magasiner end til omtrent 50 à 60 Centner Krudt bør i Reglen ikke opføres som Forsyningsmagasiner i detachedede Værker.

Af Ammunition udfordres for faste Batterier,

Udrust- nings- grad.		168 Pd.	84 Pd.	36 Pd.	84 Pd.
		G. K.	G. K. I.	K. K.	G. K. II.
1ste.	Ladninger i Karduser af Haardug	140 à 6Pd.	90 à 9Pd.	120 à 12Pd.	144 à 5Pd.
	"	"	90 à 6 —	240 à 6 —	36 à 3 —
	"	"	90 à 3 —	"	"
	Er i Alt til Ladninger Pd.	840	1620	2880	828
	Kanonkrudt til Sprængladninger Pd.	747	487	65	487
	Summa Pd.	1587	2107	2945	1315
2den.	Ladninger	105 à 6Pd.	65 à 9Pd.	90 à 12Pd.	108 à 5Pd.
	"	"	70 à 6 —	180 à 6 —	27 à 3 —
	"	"	70 à 3 —	"	"
	Er i Alt til Ladninger Pd.	630	1215	2160	621
	Kanonkrudt til Sprængladninger Pd.	552	357	52	357
	Summa Pd.	1182	1572	2212	978
3die.	Ladninger	70 à 6 Pd.	45 à 9Pd.	60 à 12Pd.	72 à 5 Pd.
	"	"	45 à 6 —	120 à 6 —	18 à 3 —
	"	"	45 à 3 —	"	"
	Er i Alt til Ladninger Pd.	420	810	1440	414
	Kanonkrudt til Sprængladninger Pd.	357	243	32	243
	Summa Pd.	777	1053	1472	657

Krudtet opbevares enten i Karduser eller løst i Tønder. Karduserne lægges enten paa Hylder eller i Kasser.

De ældre Voldammunikionskasser ere 6' lange, 3' 6" brede og 3' 6" høje, udvendigt maalt, og rumme omtrent 1000 Pd. Krudt i Karduser.

De ældre Ammunitionsvognkasser ere 4' lange, 2' 9" brede og 2' 8" høje, udvendigt maalt, og rumme omtrent 600 Pd. Krudt i Karduser.

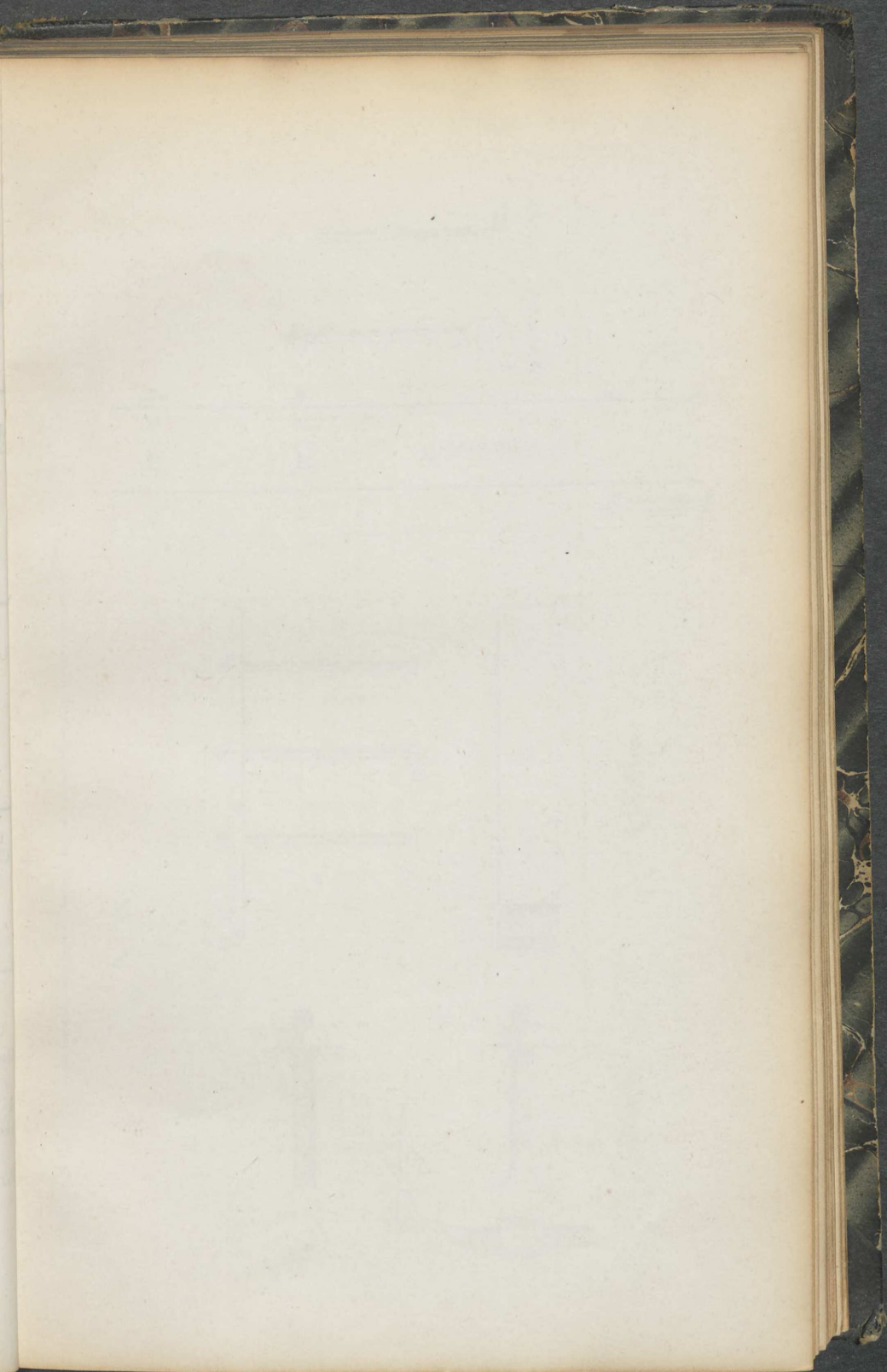
efter Udrustnings-Regulativet
væsentlig for Kystbatterier:

24 Pd. K. K.	18 Pd. K. K.	24 Pd. G. K.	12 Pd. K. K.	12 Pd. G. K.	6 Pd. K. K.	3 Pd. K. K.
120 à 8 Pd. 240 à 4 — " 1920 43	120 à 6 Pd. 240 à 3 — " 1440 32	240 à 1 Pd. " 240 70	120 à 3 Pd. " 360 "	120 à $\frac{3}{4}$ Pd. " 180 35	120 à $1\frac{1}{2}$ Pd. " 180 "	120 à $1\frac{1}{2}$ Pd. " 180 "
1963	1472	310	360	215	180	180
90 à 8 Pd. 180 à 4 — " 1440 35	90 à 6 Pd. 180 à 3 — " 1080 26	180 à 1 Pd. " 180 52	90 à 3 Pd. " 270 "	180 à $\frac{3}{4}$ Pd. " 135 26	90 à $1\frac{1}{2}$ Pd. " 135 "	90 à $1\frac{1}{2}$ Pd. " 135 "
1475	1106	232	270	161	135	135
60 à 8 Pd. 120 à 4 — " 960 21	60 à 6 Pd. 120 à 3 — " 720 16	120 à 1 Pd. " 120 35	60 à 3 Pd. " 180 "	120 à $\frac{3}{4}$ Pd. " 90 17	60 à $1\frac{1}{2}$ Pd. " 90 "	60 à $1\frac{1}{2}$ Pd. " 90 "
981	736	155	180	107	90	90

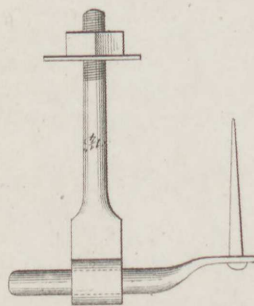
De nye Karduskasser ere $18\frac{1}{4}$ " lange, $18\frac{1}{4}$ " brede og 15 " høje, udvendigt maalt, og rumme omtrent 70 Pd. Krudt i Karduser.

Disse Kasser stables i 4 Etager, i 2 Rækker langs den ene og i 1 Række langs den anden Side af Magasinet, saa at der bliver en Gang i Midten af omtrent $11\frac{1}{2}$ Fods Brede.

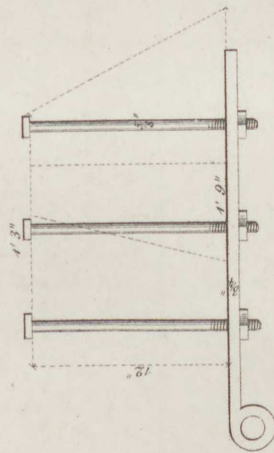
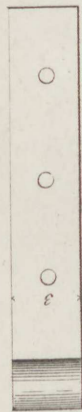
En Krudttønde er $11\frac{1}{2}$ ' i Diameter og $2'$ høi og rummer 100 Pd. Krudt.



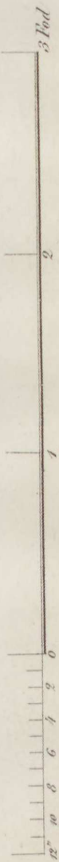
Stablen.



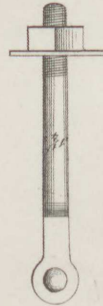
Hängslet.



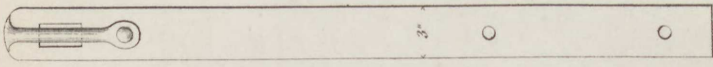
1: 12.



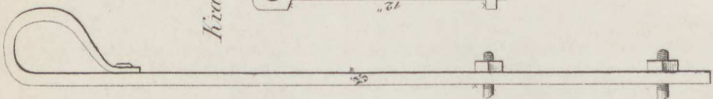
Stablen.



Overfaldet.



Kraampen.

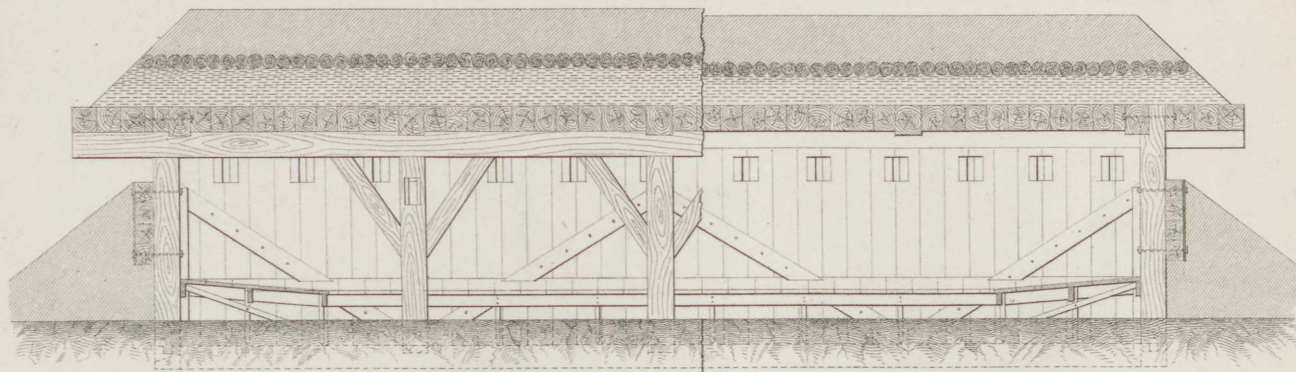


Bolten.

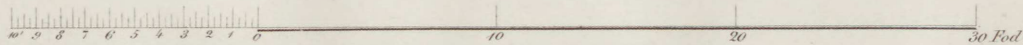


Blokhuus i et Feltværk.

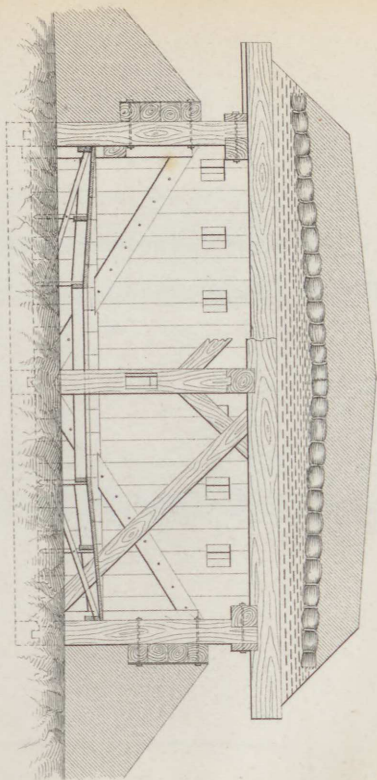
Snit def



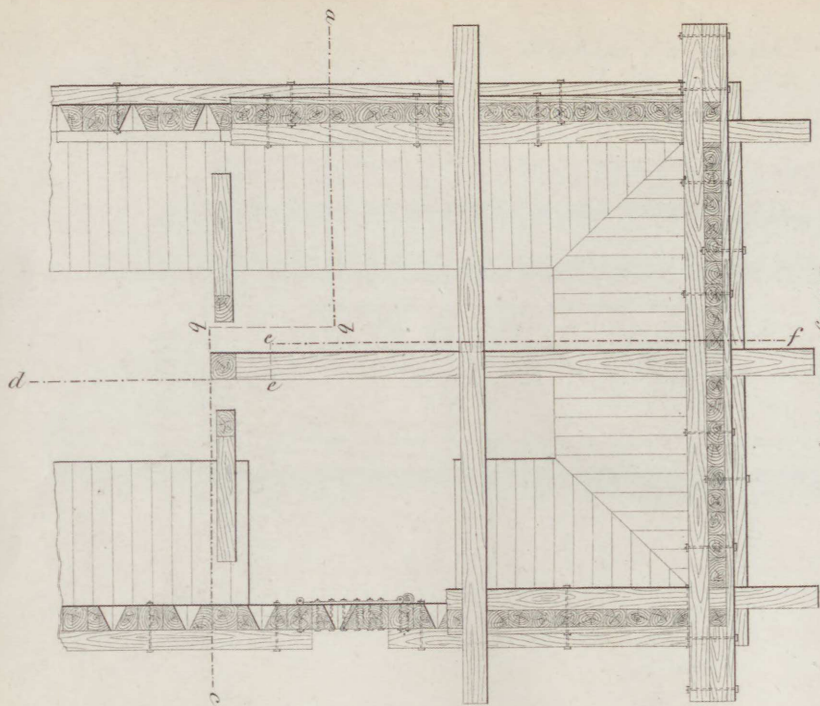
A: 100.



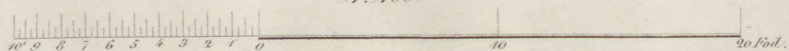
Bladhuss i et Bjelke.
Snit a b



Seet fra oven
Tomtebjelkeens borttygning.



1:100.



Blokhuus i

20 Fod bredt, 40 Fod

	Stykker.		Tømmer løbende Fod.										Bræder. Tylt.
	An- tal.	å Fod.	3'' ⁶ / ₁₆	4'' ¹ / ₄	3'' ¹ / ₂	3'' ¹ / ₄	9'' ¹ / ₂	9'' ¹ / ₄	11'' ¹ / ₂	12'' ¹ / ₂	12'' ¹ / ₄	6'	
Fodstykkerne under de lange Vægge	2	42	"	"	"	"	"	"	"	84	"	"	
do. und. de korte do.	2	22	"	"	"	"	"	"	"	44	"	"	
Stolper i de lange Vægge	77	9 ¹ / ₄	"	"	"	"	"	"	"	712 ¹ / ₄	"	"	
do. i de korte do.	46	10 ¹ / ₄	"	"	"	"	"	"	"	471 ¹ / ₂	"	"	
Remstykker i de lange Vægge	2	42 ¹ / ₂	"	"	85	"	"	"	"	"	"	"	
do. i de lange do.	2	48 ¹ / ₂	"	"	"	"	97	"	"	"	"	"	
do. i de korte do.	4	28 ¹ / ₂	"	"	"	57	"	57	"	"	"	"	
Dragerværket.													
Fodstykke	1	42	"	"	"	"	"	"	"	42	"	"	
Stolper	3	8 ¹ / ₂	"	"	"	"	"	"	"	25 ¹ / ₂	"	"	
Drageren	1	48 ¹ / ₂	"	"	"	"	"	"	"	48 ¹ / ₂	"	"	
Kopbaand	10	5 ¹ / ₂	"	"	"	"	52 ¹ / ₂	"	"	"	"	"	
Skraabaand	2	14	"	"	"	"	28	"	"	"	"	"	
Binderbombe- bjælker.	3	28 ¹ / ₂	"	"	"	"	"	"	"	"	85 ¹ / ₂	"	
Bombebjælker.	6	28 ¹ / ₂	"	"	"	"	"	"	"	171	"	"	
do.	40	28 ¹ / ₂	"	"	"	"	"	"	1140	"	"	"	
Afsværdning paa Indersiderne.	12	13	"	"	156	"	"	"	"	"	"	"	
Forstærkningstøm.	"	"	"	"	"	"	524	"	"	"	"	"	
Døren.	3	7	"	"	"	"	"	"	"	21	"	"	
Udfyldn. ov. Døren.	1	3	"	"	"	"	"	"	"	3	"	"	
do. under do.	2	3	"	"	"	"	"	"	"	6	"	"	
do. mellem Rem- stykkerne.	4	3 ¹ / ₄	"	"	"	"	"	13	"	"	"	"	
Bridskerne. Pæle.	52	4	"	208	"	"	"	"	"	"	"	"	
Rideplanker	"	"	360	"	"	"	"	"	"	"	"	"	
Gulv	"	"	"	"	"	"	"	"	"	"	"	16	
Afstivning	"	"	"	"	"	"	"	"	"	"	"	"	
Summa	"	"	360	208	241	57	701 ¹ / ₂	70	1140	1628 ³ / ₄	85 ¹ / ₂	16	

Et 40 Fod langt, 20 Fod bredt Blokhuus (uden løse Bombebjælker) kan af-
Bombebjælkernes Afkortning og hele Husets Opstilling kan udføres af

et Jelfværk,
langt, indvendigt maalt.

Lægter. Tylt.	14 Pd. Hængsler.	18½ Pd. Stabler.	22 Pd. Overfald.	27 Pd. Krampe.	Stoppestift med Kjæde. 4 Pd.	8½ Pd. Skinner.	Skrue- bolte. 21" Pd.	13" Pd.	Spids- bolte. 4 Pd.	Spiger. 1 Pd.	Spids- klamre. 12" Pd.	forkryb- bede. 2½ Pd.	Søm.		
120													6"	5"	4"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	16	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	8	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	10	"	20	"
"	"	"	"	"	"	"	"	"	"	"	10	"	"	20	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	150	"	"
"	4	4	1	1	1	26	52	12	4	4	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	8	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	300	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1200
1	"	"	"	"	"	"	"	"	"	"	"	"	"	"	100
1	4	4	1	1	1	26	84	12	4	4	10	10	450	40	1300

bindes af 10 Tømmersv. i 10 Dage eller ialt i 100 Tømmersvendedage
8 Tømmersvende i 6 à 7 Dage eller ialt i . . 54 do.

Summa 154 Tømmersvendedage.

Blokhuus i

20 Fod bredt, 60 Fod

	Stykker.		Tømmer løbende Fod.									Bræder. Tylt.	
	An- tal.	å Fod.	3 ¹ / ₆ "	4 ¹ / ₈ "	3 ¹ / ₂ "	3 ¹ / ₄ "	9 ¹ / ₈ "	9 ¹ / ₄ "	11 ¹ / ₂ "	12 ¹ / ₂ "	12 ¹ / ₄ "	6'	
Fodstykkerne under													
de lange Vægge	2	62	"	"	"	"	"	"	"	124	"	"	
do. und. de korte do.	2	22	"	"	"	"	"	"	"	44	"	"	
Stolper i de lange													
Vægge	117	9 ¹ / ₄	"	"	"	"	"	"	"	1082 ¹ / ₂	"	"	
do. i de korte do.	46	10 ¹ / ₄	"	"	"	"	"	"	"	471 ¹ / ₂	"	"	
Remstykker i de													
lange Vægge	2	62 ¹ / ₂	"	"	125	"	"	"	"	"	"	"	
do. i de lange do.	2	68 ¹ / ₂	"	"	"	"	137	"	"	"	"	"	
do. i de korte do.	4	28 ¹ / ₂	"	"	"	57	"	57	"	"	"	"	
Dragerværket.													
Fodstykke	1	62	"	"	"	"	"	"	"	62	"	"	
Stolper	5	8 ¹ / ₂	"	"	"	"	"	"	"	42 ¹ / ₂	"	"	
Drageren	1	68 ¹ / ₂	"	"	"	"	"	"	"	68 ¹ / ₂	"	"	
Kopbaand	16	5 ¹ / ₄	"	"	"	"	84	"	"	"	"	"	
Skraabaand	4	14	"	"	"	"	56	"	"	"	"	"	
Binderbombe-													
bjælker.	5	28 ¹ / ₂	"	"	"	"	"	"	"	"	142 ¹ / ₂	"	
Bombebjælker.	6	28 ¹ / ₂	"	"	"	"	"	"	"	171	"	"	
do.	60	28 ¹ / ₂	"	"	"	"	"	"	1710	"	"	"	
Afsværkning paa													
Indersiderne.	16	13	"	"	208	"	"	"	"	"	"	"	
Forstærkningstøm.	"	"	"	"	"	"	684	"	"	"	"	"	
Døren.	3	7 ¹ / ₄	"	"	"	"	"	"	"	21	"	"	
Udfyldn. ov. Døren.	1	3	"	"	"	"	"	"	"	3	"	"	
do. under do.	2	3	"	"	"	"	"	"	"	6	"	"	
do. mellem Rem-													
stykkerne.	4	3 ¹ / ₄	"	"	"	"	13	"	"	"	"	"	
Bridskerne. Pæle.	76	4	"	304	"	"	"	"	"	"	"	"	
Rideplanker	"	"	450	"	"	"	"	"	"	"	"	"	
Gulv	"	"	"	"	"	"	"	"	"	"	"	24	
Afstivning	"	"	"	"	"	"	"	"	"	"	"	"	
Summa	"	"	450	304	333	57	961	70	1710	2095 ¹ / ₂	142 ¹ / ₂	24	

Til Afbindingen af et 60 Fod langt Blokhuus, uden de løse Bombe-

et fæstværk,
langt, indvendigt maalt.

Lægter. Tylt. 12 ^o	14 Pd. Hængsler.	18 $\frac{1}{2}$ Pd. Stabler.	22 Pd. Overfald.	2 $\frac{1}{2}$ Pd. Krampe.	2 $\frac{3}{4}$ Pd. Stoppestift med Kjæde.	8 $\frac{3}{4}$ Pd. Skinner.	Skrue- bolte.		Spids- bolte.	Spiger.		Spids- klamre.		Søm.		
							21"	13"					forkryb- bede.	6"	5"	4"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	26	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	8	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	1	"	"	"	2	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	14	"	28	"
"	"	"	"	"	"	"	"	"	"	"	"	10	"	"	20	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	200	"	"	"
"	4	4	1	1	1	34	68	12	4	4	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	8	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	400	"	"
2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1600	"
	"	"	"	"	"	"	"	"	"	"	"	"	"	"	200	"
2	4	4	1	1	1	34	110	12	4	4	1	10	14	600	50	1800

bjælkers Afkortning, medgaaer omtrent 120 Arbejdsdage.

En spansk Rytter, 12 Fod lang.

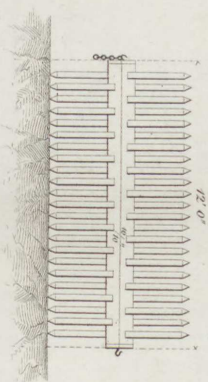
	Stykker.		Tømmer.		Ring. 2" × $\frac{3}{8}$ " Jern med 4 Spiger 9 Pd.	Krampe. $\frac{1}{2}$ Pd.	Krog. 1 Pd.	$\frac{3}{8}$ " Kjæde. 2 Fod. 3 Pd.
	An- tal.	å Fod.	12"/12"	4"/1"				
Bommen	1	12	12	"	2	2	1	1
Fjedrene	23	8 $\frac{1}{2}$	"	195 $\frac{1}{2}$	"	"	"	"
Ialt	"	"	12	195 $\frac{1}{2}$	2	2	1	1

Et Geværcape for en Section (2 Underofficerer og 32 Mand).

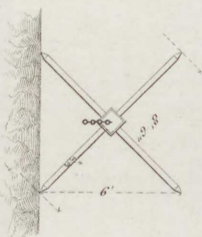
	Stykker.		Tømmer. løb. Fod. 4"/4"	Bræder. Tylt.		Søm.		
	An- tal.	å Fod.		13'	10'	6"	5"	4"
2 Bukke. Been	4	7 $\frac{1}{2}$	30	"	"	"	4	"
Tverstykker	2	3	6	"	"	"	8	"
Bom	1	6 $\frac{1}{2}$	6 $\frac{1}{2}$	"	"	"	4	"
Taget. Spær	4	2 $\frac{1}{2}$	"	"	1 $\frac{1}{2}$	"	"	16
Tag	12	6 $\frac{1}{2}$	"	6 $\frac{1}{2}$	"	"	"	50
Til Geværernes Op- hængning	"	"	"	"	"	40	"	"
Ialt	"	"	42 $\frac{1}{2}$	6 $\frac{1}{2}$	1 $\frac{1}{2}$	40	16	66

En spansk Bytter.

fra siden.



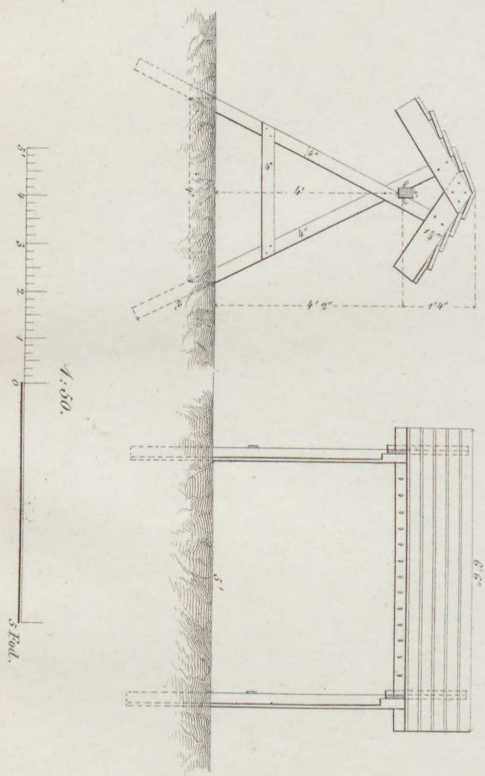
fra bunden.

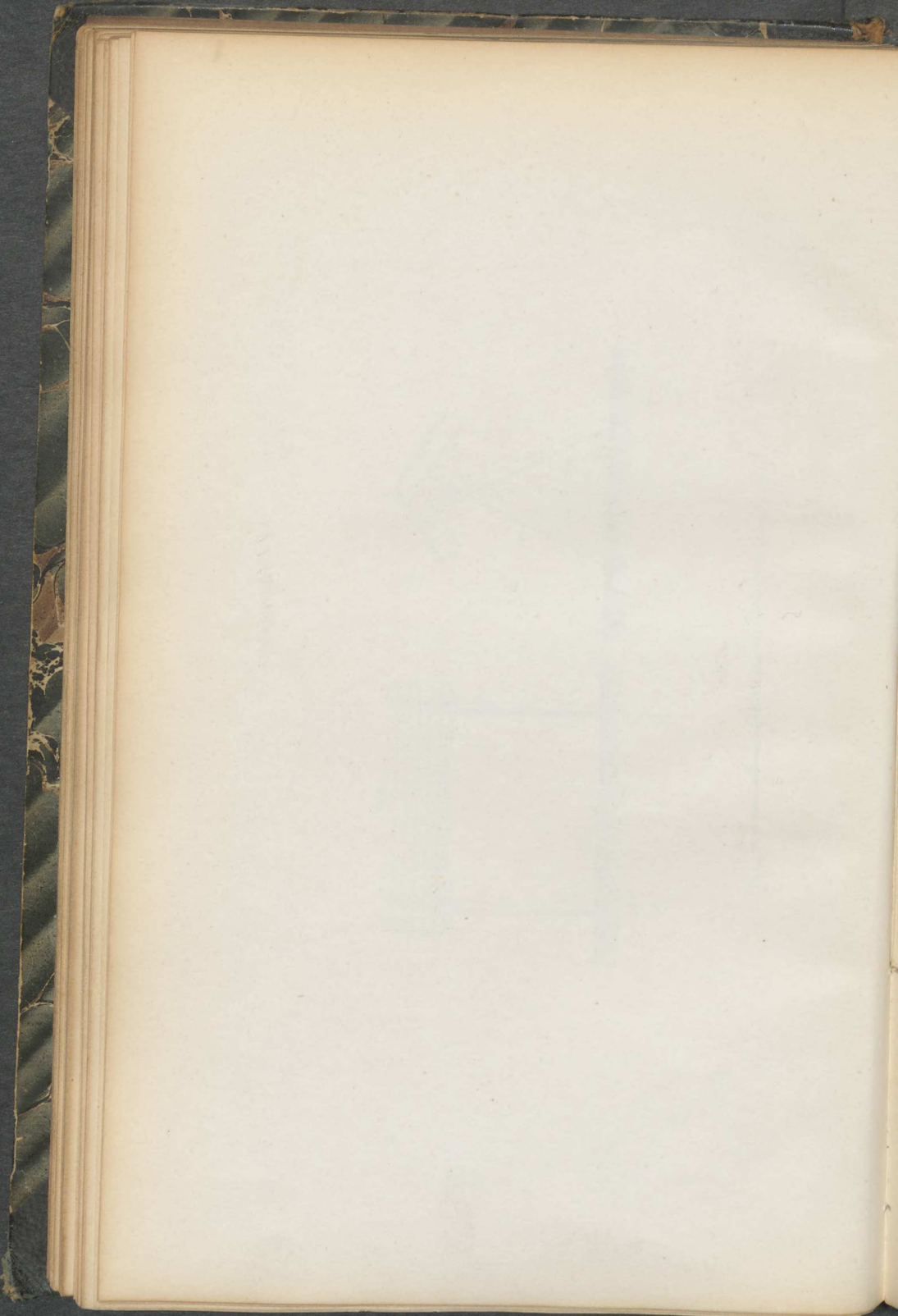


1:100.



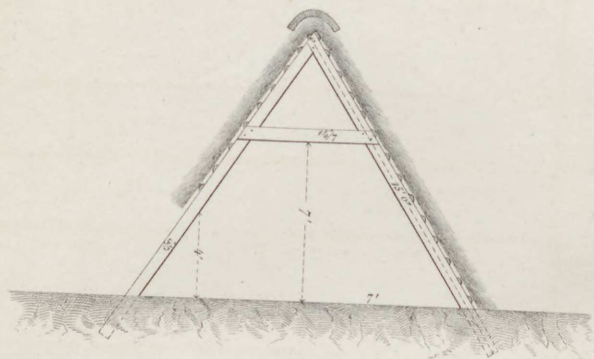
El Gwaacupet.



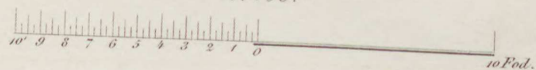


En Feltvagthytte.

Snit.



1:400.



En fæltvaghutte.

	Stykker.		Tømmer. løb. Fod 4" / 4"	Bræder. Tylt			Lægter. Tylt 12°	Søm.			Halm. Lpd.	Syreb. Favne.
	An- tal.	å Fod.		15'	12'	6'		5"	4"	3"		
Til et Spærfag.												
Spær	2	15	30	"	"	"	"	2	"	"	"	"
Hanebjælke	1	6	"	"	"	1 1/2	"	"	4	"	"	"
Lægtning af begge Tag- flader	24	5	"	"	"	"	1/2	"	24	"	"	"
Tagdækning	"	"	"	"	"	"	"	"	"	"	20	50
Ialt til 5 løb. Fod Hytte	"	"	30	"	"	1 1/2	1/2	2	28	"	20	50
Til en Gavl.												
1, beklædt med Bræder, Fodstykke	1	15	"	1 1/2	"	"	"	"	4	"	"	"
Løsholt	1	12	"	"	1 1/2	"	"	"	4	"	"	"
Iodret Beklædning 1 paa 2	36	"	"	"	1 1/2	"	"	"	100	100	"	"
Ialt	"	"	"	1 1/2	1 1/2	"	"	"	108	100	"	"
2, dannet af 2 halve Spær- fag, et Spærfag	21	"	30	"	"	1 1/2	"	2	4	"	"	"
Lægtning	"	"	"	"	"	"	1/2	"	90	"	"	"
Tagdækning	"	"	"	"	"	"	"	"	"	"	30	75
Ialt	"	"	30	"	"	1 1/2	1/2	2	94	"	30	75
Til en cirkelrund Hytte.												
Spær	7	16	112	"	"	"	"	"	"	"	"	"
Lægtning	"	"	"	"	"	"	1 3/4	"	200	"	"	"
Tagdækning	"	"	"	"	"	"	"	"	"	"	60	150
Ialt	"	"	112	"	"	"	1 3/4	"	200	"	60	150

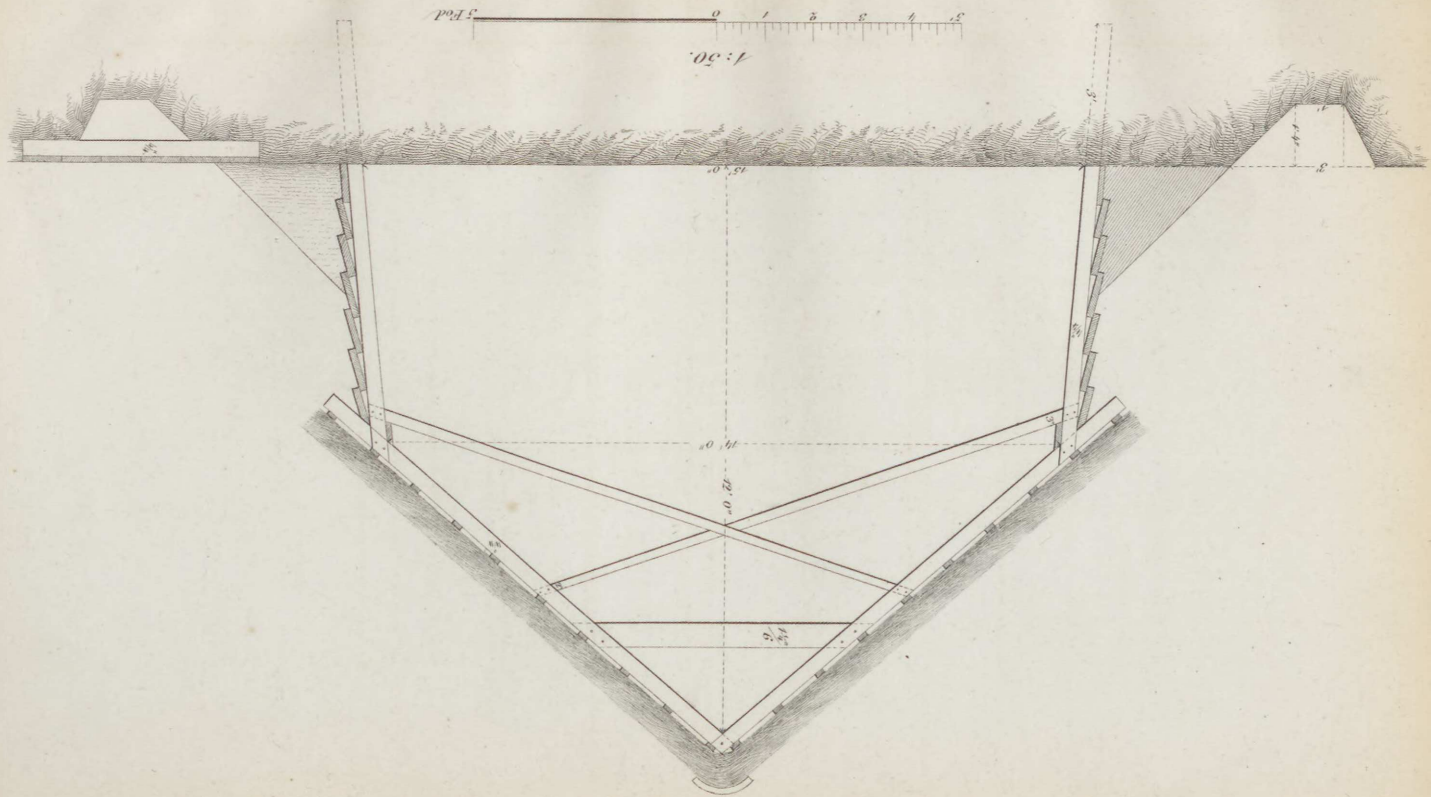
Spærfagene sættes 5' fra hinanden.

Spærrene kobles og sammenbindes i Toppen.

En Piketstald.

	Stykker.		Tømmer.	Bræder.			Lægter.	Søm.		Halm.	Syreb.	
	An- tal.	å Fod.	løb. Fod. 4" 1/4"	11'	10'	6'	Tylt 12"	5"	4"	Lpd.	Favn.	
Til et Spærfag.												
Stolper	2	9	18	"	"	"	"	4	"	"	"	Spærfagene stilles 5' fra hinanden.
Spær	2	11	22	"	"	"	"	2	"	"	"	
Hanebjælke	1	6	"	"	"	1 1/2	"	"	4	"	"	
Afsværdning	2	12	"	"	"	"	1 1/2	"	9	"	"	
Ialt	"	"	40	"	"	1 1/2	1 1/2	6	13	"	"	
Til Beklædning af en Gavl.												
Stolper	2	12	24	"	"	1	"	4	"	"	"	Stolperne nedgraves lodret under Hanebjæl- kens Ender. Bræderne nages paa Klink.
Beklædning	"	"	"	"	2	"	"	"	250	"	"	
Ialt	"	"	24	"	2	1	"	4	250	"	"	
Til Beklædning af begge Vægge i 10 løb. Fod Stald	"	"	"	2 1/2	"	"	"	"	250	"	"	Bræderne nages paa Klink.
Til indvendig Rem i do.	"	"	"	2 1/2	"	"	"	"	12	"	"	
10 løbende Fod Stald.	"	"	"	"	"	"	1 1/2	"	60	"	"	
Til Lægtning af begge Tag- flader i 10 løb. Fod Stald.	"	"	"	"	"	"	"	"	"	40	100	
Til Tagdækning af begge Tagflader i 10 løb. Fod Stald	"	"	"	"	"	"	"	"	"	"	"	

Ein Pirkstald.



Industrie in Österreich
 1. Eisenindustrie
 2. Textilindustrie
 3. Holzindustrie
 4. Maschinenbau
 5. Chemieindustrie
 6. Glasindustrie
 7. Papierindustrie
 8. Lebensmittelindustrie
 9. Metallindustrie
 10. Bergbau

1911

1. Eisenindustrie
 2. Textilindustrie
 3. Holzindustrie
 4. Maschinenbau
 5. Chemieindustrie
 6. Glasindustrie
 7. Papierindustrie
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1911

1. Eisenindustrie
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1911

1. Eisenindustrie
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 6. Glasindustrie
 7. Papierindustrie
 8. Lebensmittelindustrie
 9. Metallindustrie
 10. Bergbau

1911

Industrie in Österreich

Mandskabsbarakke

(2 Underofficerer

til Som

	Stykker.		Tømmer løb. Fod	Bræder Tylt			Lægter Tylt 12 ^o	Søm.		
	An- tal.	å Fod.	4" / 4"	10'	7'	6'		5"	4"	3"
Til 1 Spærfag. Spær	2	17	34	"	"	"	"	2	"	"
Stolper	2	4 $\frac{1}{2}$	9	"	"	"	"	4	"	"
Hanebjælke	1	6 $\frac{1}{2}$	6 $\frac{1}{2}$	"	"	"	"	4	"	"
Ialt	"	"	49 $\frac{1}{2}$	"	"	"	"	10	"	"
Til Beklædning af en Gavl.										
Dørstolper	2	9	18	"	"	"	"	4	"	"
Trempler	2	2 $\frac{3}{4}$	7 $\frac{1}{2}$	"	"	"	"	8	"	"
Løsholter	2	3 $\frac{1}{4}$	6 $\frac{1}{2}$	"	"	"	"	8	"	"
do.	2	5 $\frac{1}{2}$	11	"	"	"	"	8	"	"
Døren	"	"	"	"	1 $\frac{1}{2}$	"	"	"	50	"
Beklædningen	"	"	"	"	1 $\frac{1}{2}$	1 $\frac{9}{2}$	"	"	100	100
Ialt	"	"	43	"	1 $\frac{1}{2}$	1 $\frac{9}{2}$	"	28	150	100
Til hele Barakken.										
9 Spærfag	"	"	445 $\frac{1}{2}$	"	"	"	"	90	"	"
2 Gavle	"	"	86	"	1 $\frac{9}{2}$	3 $\frac{8}{2}$	"	56	300	200
Lægtning	"	"	"	"	"	"	4	"	250	"
Hylder	"	"	"	2	"	"	"	20	20	50
Tagdækning 1000 □'	"	"	"	"	"	"	"	"	"	"
Ydervæggenes Beklædning	"	"	"	"	"	"	"	"	"	"
Indfatning af Sengesteder	"	"	"	"	"	"	"	"	"	"
Ialt	"	"	531 $\frac{1}{2}$	2	1 $\frac{9}{2}$	3 $\frac{8}{2}$	4	166	570	250

for en Section

og 32 Mand)

merbrug.

Stabel- Hængsler.	Klinkfeld.	Vinduer.	Halm. Lpd.	Syreb. Favne.	Staver.		Riis. Læs.	
					2'	3'		
"	"	"	"	"	"	"	"	Spærfagene sættes 5' fra hin- anden.
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	1	"	"	"	"	"	"	
"	"	2	"	"	"	"	"	
2	1	2	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	200	500	"	"	"	
"	"	"	"	"	"	80	1	
"	"	"	"	"	84	"	$\frac{1}{2}$	
4	2	4	200	500	84	80	$1\frac{1}{2}$	

Mandskabsbarakke til Vin

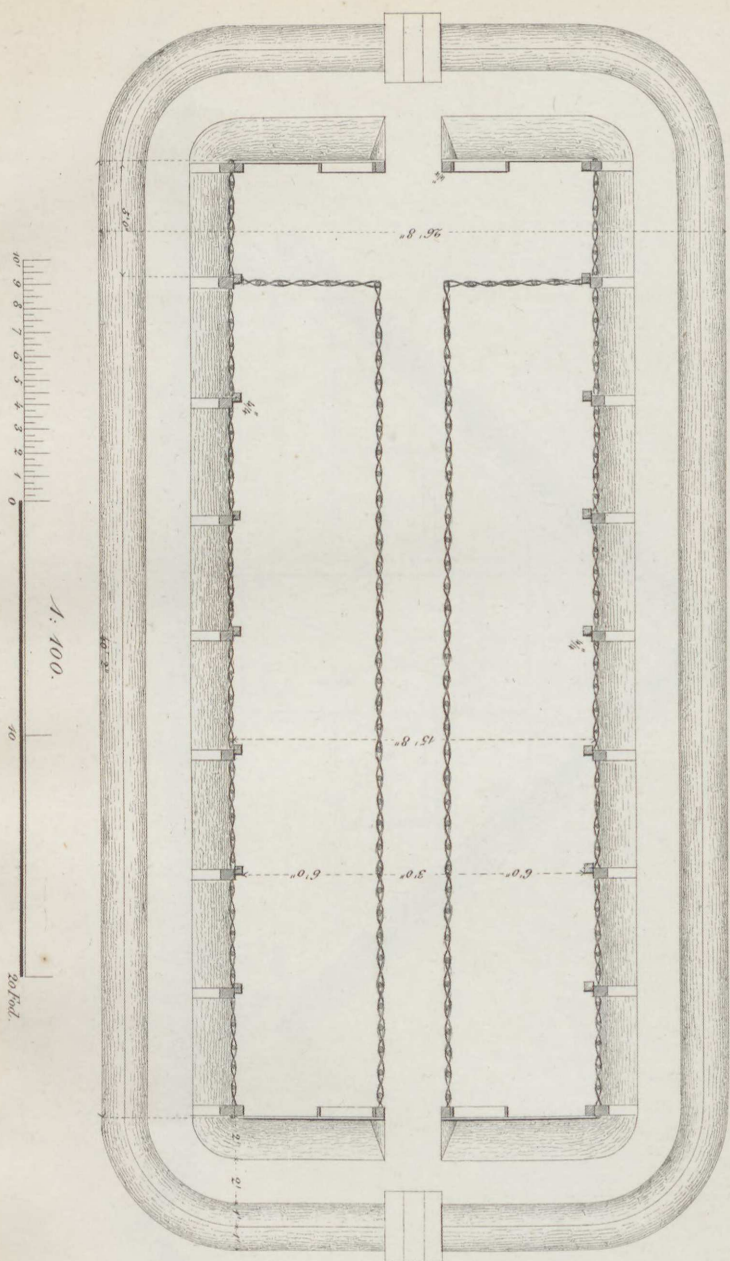
	Stykker.		Tømmer løb. Fod	Bræder Tylt			Lægter Tylt 12 ⁰	Søm.		
	An- tal.	å Fod.		10'	7'	6'		5"	4"	3"
Til en Barakke til Som- merbrug			531 $\frac{1}{2}$	2	1 $\frac{0}{12}$	3 $\frac{8}{12}$	4	166	570	250
Gulvet. Underlag	13	15 $\frac{1}{2}$	201 $\frac{1}{2}$							
Gulv	"	"	"	10 $\frac{4}{12}$	"	"	"	"	1000	"
Beklædning af Siderne	"	"	"	2	"	"	"	"	"	150
do. af Tagfladerne	"	"	"	9 $\frac{4}{12}$	"	"	"	"	"	700
do. af Loftet	"	"	"	3 $\frac{8}{12}$	"	"	"	"	"	300
Indfatning af Sengesteder	"	"	"	1 $\frac{2}{12}$	$\frac{2}{12}$	"	"	"	100	"
Ialt	"	"	733	28 $\frac{6}{12}$	2	3 $\frac{8}{12}$	4	166	1670	1400

for en Section
terbrug.

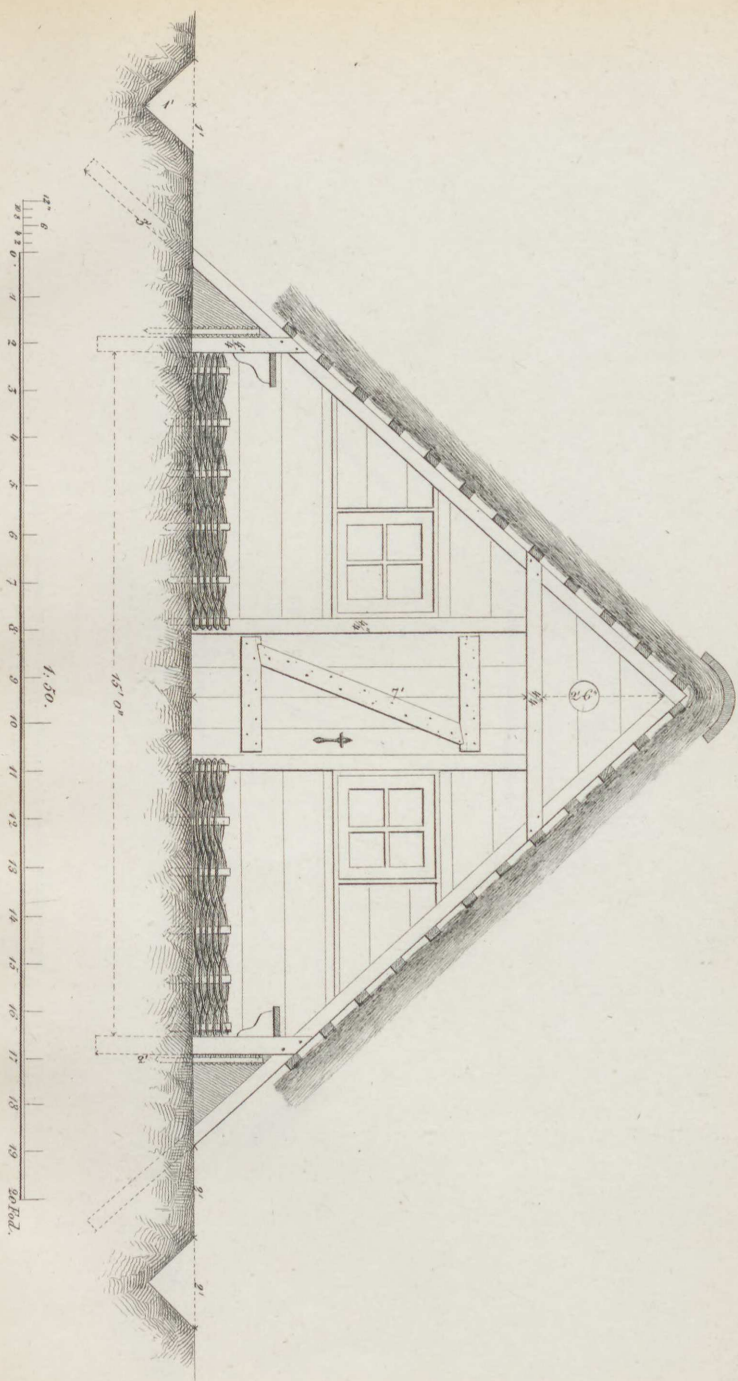
Stabel- Hængsler.	Klinkefald.	Vinduer.	Halm. Lpd.	Syreb. Favne.	Staver. 3'	Riis. Læs.
4	2	4	200	500	80	1
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
4	2	4	200	500	80	1

NAME	AGE	SEX	HEIGHT	WEIGHT	HEAD	NECK	STOMACH	THORAX	PELVIS	SKIN	HAIR	EYES	EARS	NOSE	MOUTH	TEETH	TOES	FEET	HANDS	FEET	TOES	FEET	TOES
John Doe	25	M	5' 10"	180	22"	15"	36"	38"	14"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
Jane Smith	22	F	5' 5"	120	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
Robert Brown	30	M	6' 0"	200	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Emily White	28	F	5' 8"	140	21"	15"	35"	37"	14"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
William Green	35	M	6' 2"	220	24"	17"	38"	40"	16"	12"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"
Mary Black	24	F	5' 6"	130	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
James Taylor	32	M	6' 1"	210	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Elizabeth Hall	26	F	5' 7"	135	21"	15"	35"	37"	14"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
Thomas King	38	M	6' 3"	230	24"	17"	38"	40"	16"	12"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"
Anna Lee	23	F	5' 4"	125	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
George Clark	31	M	6' 0"	205	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Charlotte Adams	27	F	5' 7"	138	21"	15"	35"	37"	14"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
Richard Evans	34	M	6' 1"	215	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Sarah Young	25	F	5' 5"	128	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
Benjamin Hill	36	M	6' 2"	225	24"	17"	38"	40"	16"	12"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"
Victoria Scott	24	F	5' 6"	132	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
Henry Baker	33	M	6' 0"	212	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Isabella Miller	26	F	5' 7"	136	21"	15"	35"	37"	14"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
Samuel Davis	37	M	6' 3"	235	24"	17"	38"	40"	16"	12"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"
Grace Wilson	23	F	5' 4"	126	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
Frank Moore	32	M	6' 1"	218	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Lucy Taylor	25	F	5' 5"	129	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
Charles Hall	35	M	6' 2"	228	24"	17"	38"	40"	16"	12"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"
Joseph King	31	M	6' 0"	208	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Mary Lee	24	F	5' 6"	131	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
Edward Clark	34	M	6' 1"	214	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Frances Adams	26	F	5' 7"	137	21"	15"	35"	37"	14"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
Robert Evans	36	M	6' 2"	226	24"	17"	38"	40"	16"	12"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"
Elizabeth Young	27	F	5' 7"	139	21"	15"	35"	37"	14"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
William Hill	38	M	6' 3"	238	24"	17"	38"	40"	16"	12"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"
Mary Miller	23	F	5' 4"	127	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
George Davis	31	M	6' 0"	210	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Charlotte Lee	27	F	5' 7"	140	21"	15"	35"	37"	14"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
Richard Hall	34	M	6' 1"	216	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Sarah King	25	F	5' 5"	130	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
Benjamin Clark	36	M	6' 2"	230	24"	17"	38"	40"	16"	12"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"
Victoria Adams	24	F	5' 6"	133	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
Henry Baker	33	M	6' 0"	213	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Isabella Miller	26	F	5' 7"	141	21"	15"	35"	37"	14"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
Samuel Davis	37	M	6' 3"	240	24"	17"	38"	40"	16"	12"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"
Grace Wilson	23	F	5' 4"	128	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
Frank Moore	32	M	6' 1"	218	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Lucy Taylor	25	F	5' 5"	129	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
Charles Hall	35	M	6' 2"	228	24"	17"	38"	40"	16"	12"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"
Joseph King	31	M	6' 0"	208	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Mary Lee	24	F	5' 6"	131	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
Edward Clark	34	M	6' 1"	214	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Frances Adams	26	F	5' 7"	137	21"	15"	35"	37"	14"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
Robert Evans	36	M	6' 2"	226	24"	17"	38"	40"	16"	12"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"
Elizabeth Young	27	F	5' 7"	139	21"	15"	35"	37"	14"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
William Hill	38	M	6' 3"	238	24"	17"	38"	40"	16"	12"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"
Mary Miller	23	F	5' 4"	127	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
George Davis	31	M	6' 0"	210	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Charlotte Lee	27	F	5' 7"	140	21"	15"	35"	37"	14"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
Richard Hall	34	M	6' 1"	216	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Sarah King	25	F	5' 5"	130	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
Benjamin Clark	36	M	6' 2"	230	24"	17"	38"	40"	16"	12"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"
Victoria Adams	24	F	5' 6"	133	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
Henry Baker	33	M	6' 0"	213	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Isabella Miller	26	F	5' 7"	141	21"	15"	35"	37"	14"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
Samuel Davis	37	M	6' 3"	240	24"	17"	38"	40"	16"	12"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"
Grace Wilson	23	F	5' 4"	128	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
Frank Moore	32	M	6' 1"	218	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Lucy Taylor	25	F	5' 5"	129	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
Charles Hall	35	M	6' 2"	228	24"	17"	38"	40"	16"	12"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"
Joseph King	31	M	6' 0"	208	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Mary Lee	24	F	5' 6"	131	20"	14"	34"	36"	13"	9"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"
Edward Clark	34	M	6' 1"	214	23"	16"	37"	39"	15"	11"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"
Frances Adams	26	F	5' 7"	137	21"	15"	35"	37"	14"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
Robert Evans	36	M	6' 2"	226	24"	17"	38"	40"	16"	12"	14"	14"	14"	14"	14"	14"							

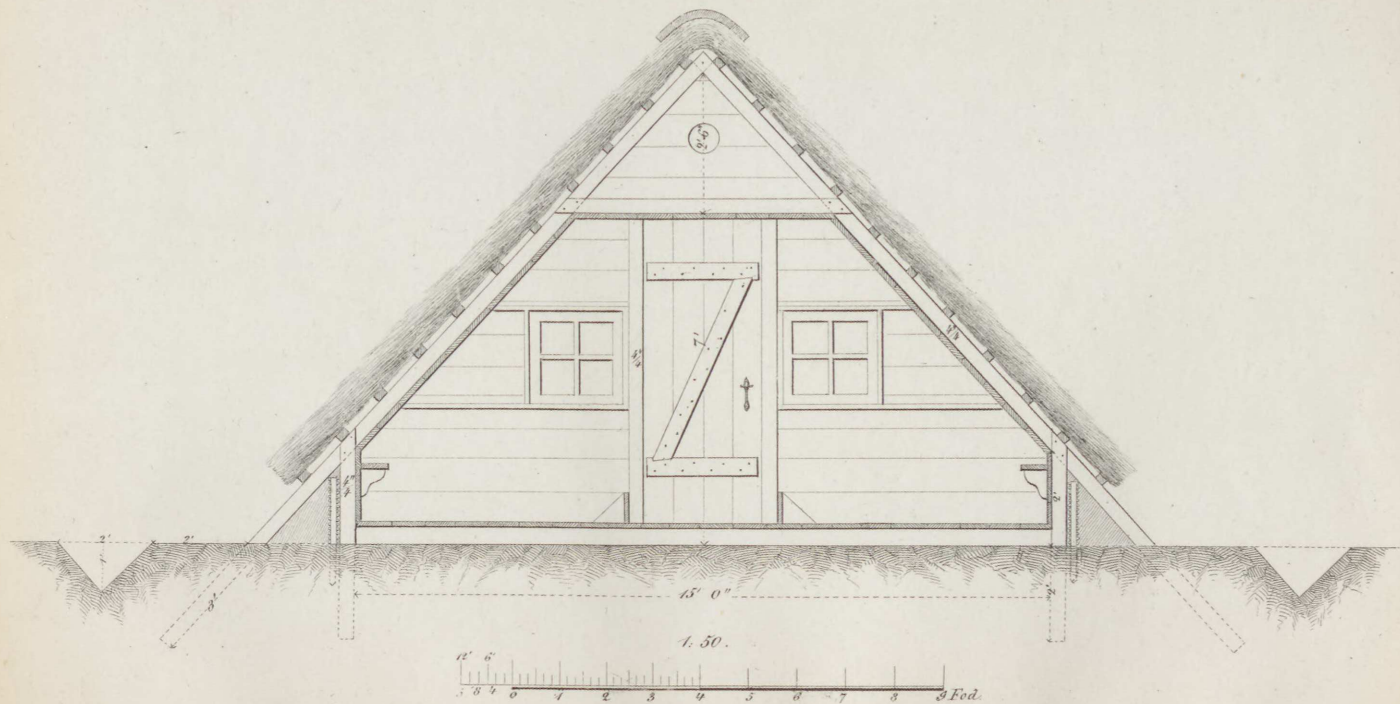
Grounding of an Mandakabsharukhe for an Section.
(2 Underoff: 32 Mand.)

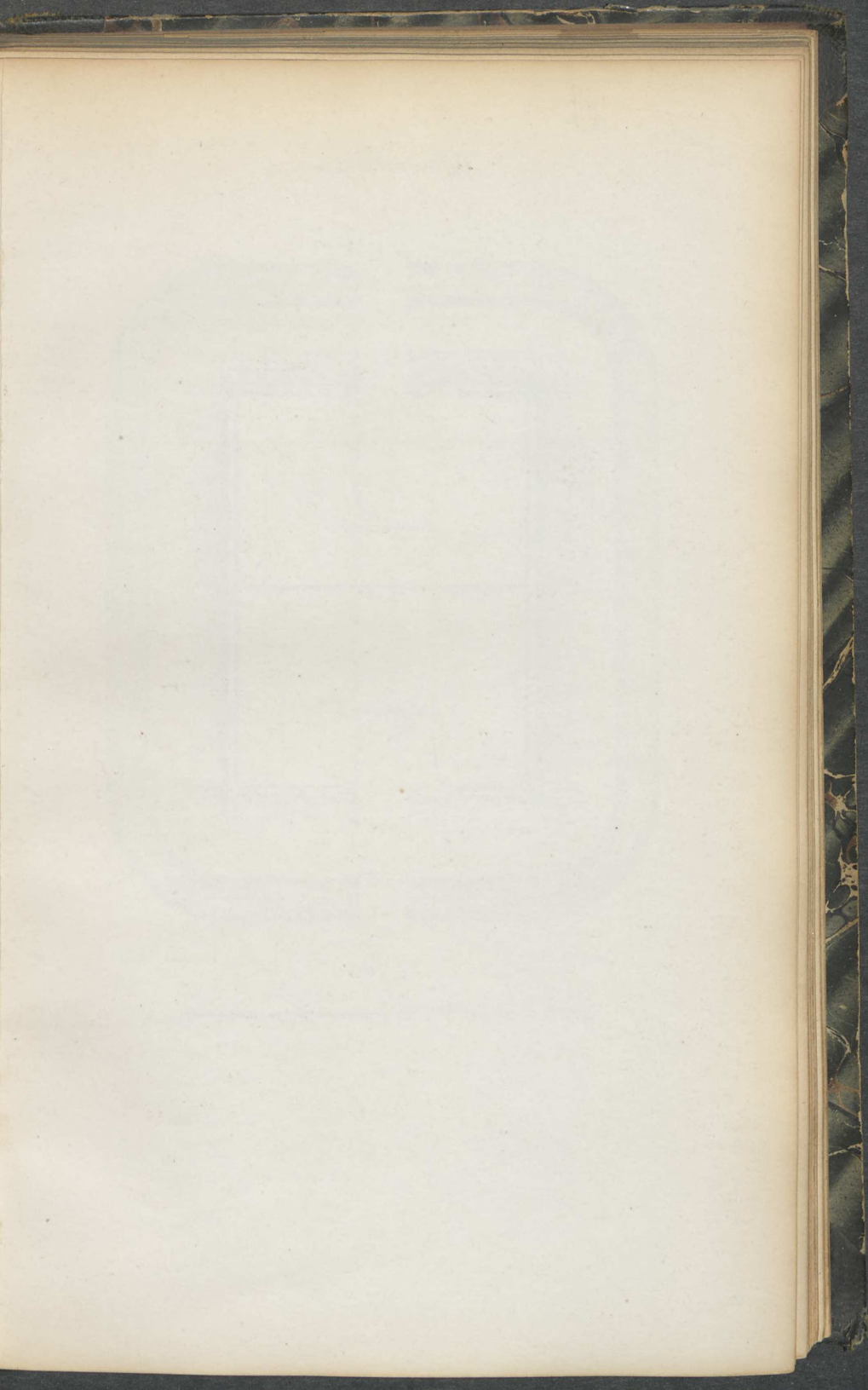


*Teersnit af en Barakke
til Sommerbyg.*

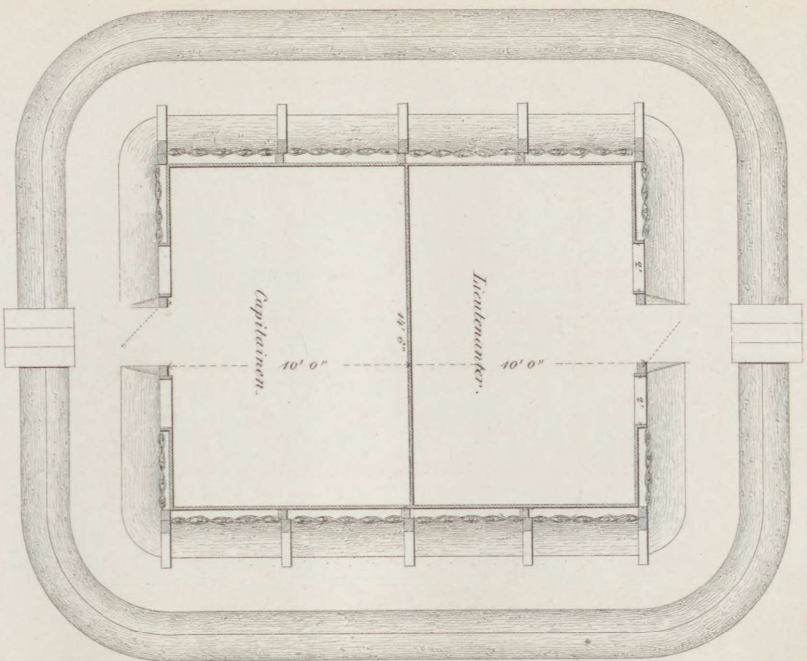


*Snit af en Barakke
til Vinterbrug.*





Offiziersbaracke.



M: 100.



Officeers= for et Compag

Profilen er det samme

	Stykker.		Tømmer løb. Fod	Bræder Tylt			Lægter Tylt 12 ^o	Søm.		
	An- tal.	å Fod.	4 ^o / ₄ ^o	10'	7'	6'		5"	4"	3"
I. Til Sommerbrug.										
5 Spærfag	"	"	247 ¹ / ₂	"	"	"	"	50	"	"
2 Gavle	"	"	86	"	1 ¹ / ₂	3 ⁸ / ₁₂	"	56	300	200
1 Skillerum. Stolper	2	9	18	"	"	"	"	"	"	"
Beklædning	"	"	"	1 ³ / ₁₂	"	1 ⁹ / ₁₂	"	"	150	"
Lægtning	24	21	"	"	"	"	2	"	120	"
Tagdækning	"	"	"	"	"	"	"	"	"	"
Ydervæggens Beklædning	"	"	"	"	"	"	"	"	"	"
Ialt	"	"	351 ¹ / ₂	1 ³ / ₁₂	1 ¹⁰ / ₁₂	4 ⁶ / ₁₂	2	106	570	200
II. Til Vinterbrug.										
Til Barakken til Sommer- brug	"	"	351 ¹ / ₂	1 ³ / ₁₂	1 ¹⁰ / ₁₂	4 ⁶ / ₁₂	2	106	570	200
Gulv. Underlag	8	15 ¹ / ₂	124	"	"	"	"	"	"	"
Gulv	"	"	"	5 ² / ₁₂	"	"	"	"	500	"
Beklædning af Siderne	"	"	"	1	"	"	"	"	"	100
do. af Tagfladerne	"	"	"	4 ⁸ / ₁₂	"	"	"	"	"	350
do. af Loftet	"	"	"	2	"	"	"	"	"	150
Ialt	"	"	475 ¹ / ₂	14 ¹ / ₁₂	1 ¹⁰ / ₁₂	4 ⁶ / ₁₂	2	106	1070	800

Barakke

nies Officerer.

som Mandskabsbarakkens.

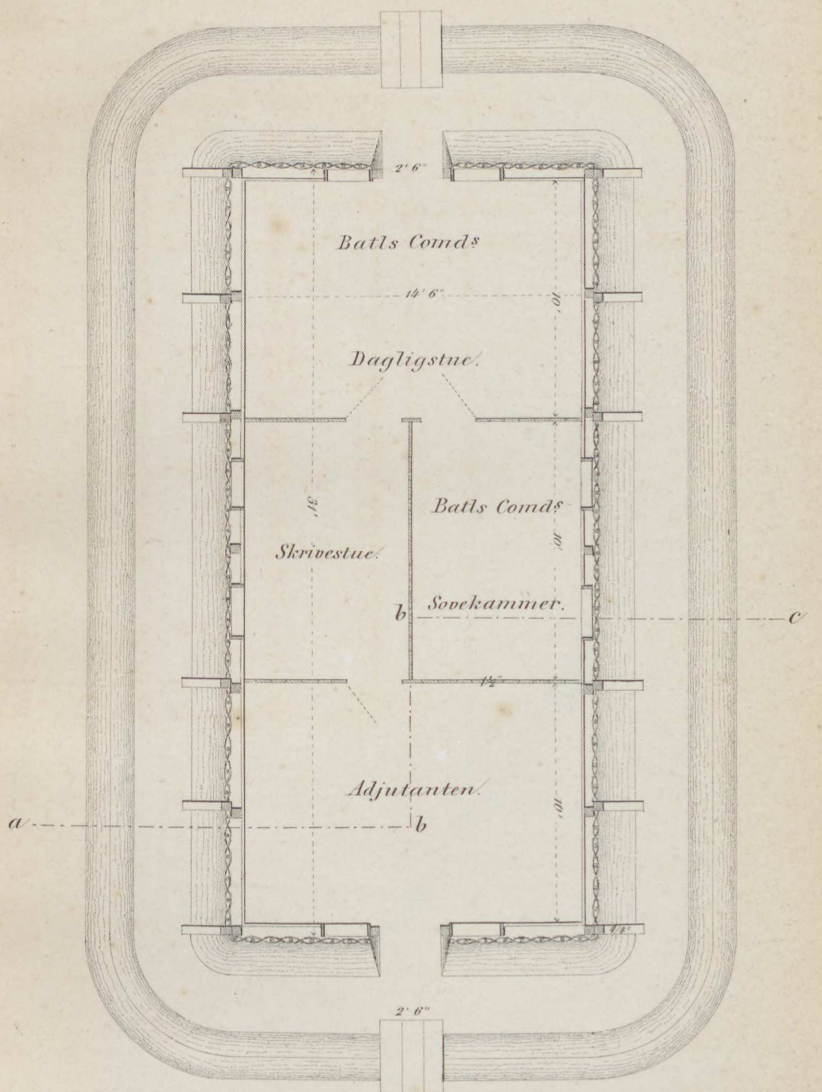
Stabel- Hængsler.	Klinkfeld.	Vinduer.	Halm. Lpd.	Syre. Favne.	Staver. 3'	Riis. Læs.
" 4	" 2	" 4	" "	" "	" "	" "
" "	" "	" "	" "	" "	" "	" "
" "	" "	" "	" "	" "	" "	" "
" "	" "	" "	100	250	" "	" "
" "	" "	" "	" "	" "	50	$\frac{1}{2}$
4	2	4	100	250	50	$\frac{1}{2}$
4	2	4	100	250	50	$\frac{1}{2}$
" "	" "	" "	" "	" "	" "	" "
" "	" "	" "	" "	" "	" "	" "
" "	" "	" "	" "	" "	" "	" "
" "	" "	" "	" "	" "	" "	" "
4	2	4	100	250	50	$\frac{1}{2}$

Stabs

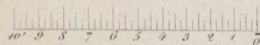
for en

	Stykker.		Tømmer løb. Fod	Bræder Tylt			Lægter Tylt 12 ^o	Søm.		
	An- tal.	å Fod.	4 ¹ / ₄ "	10'	7'	6'		5"	4"	3"
4 Spærfag, s. Mdskbbarak.	"	"	198	"	"	"	"	40	"	"
3 do. Stolper	6	7 ¹ / ₂	45	"	"	"	"	20	"	"
Spær	6	10	60	"	"	"	"	10	"	"
do.	4	17	68	"	"	"	"	4	"	"
Hanebjælker	3	10	30	"	"	"	"	20	"	"
2 Gavle, s. Mandskbbarak.	"	"	86	"	1 ¹⁰ / ₁₂	3 ⁸ / ₁₂	"	56	300	200
2 Tverskillerum, Stolper	6	9	54	"	"	"	"	12	"	"
Beklædning	"	"	"	1	"	"	"	"	100	"
3 Døre	"	"	"	1 ³ / ₁₂	1 ³ / ₁₂	"	"	"	150	"
1 Længdeskillerum	"	"	"	1 ³ / ₁₂	"	"	"	"	125	"
Fletværk langs Yder- væggene	"	"	"	"	"	"	"	"	"	"
Indre Beklædning af Fa- cadevæggene	"	"	"	2 ¹⁰ / ₁₂	"	"	"	"	"	225
Indre Beklædning af Tag- fladerne	"	"	"	5 ¹⁰ / ₁₂	"	"	"	"	"	450
Indre Beklædning af Loftet	"	"	"	4	"	"	"	"	"	300
Gulvet. Underlag	10	15 ¹ / ₂	155	"	"	"	"	"	"	"
Gulv	"	"	"	7 ⁹ / ₁₂	"	"	"	"	800	"
Lægtning	"	"	"	"	"	"	3	"	400	"
Tagdækning	"	"	"	"	"	"	"	"	"	"
Ialt	"	"	696	22 ¹¹ / ₁₂	3 ¹ / ₁₂	3 ⁸ / ₁₂	3	162	1875	1175

Stabs-Barakke
Grundtegnig.



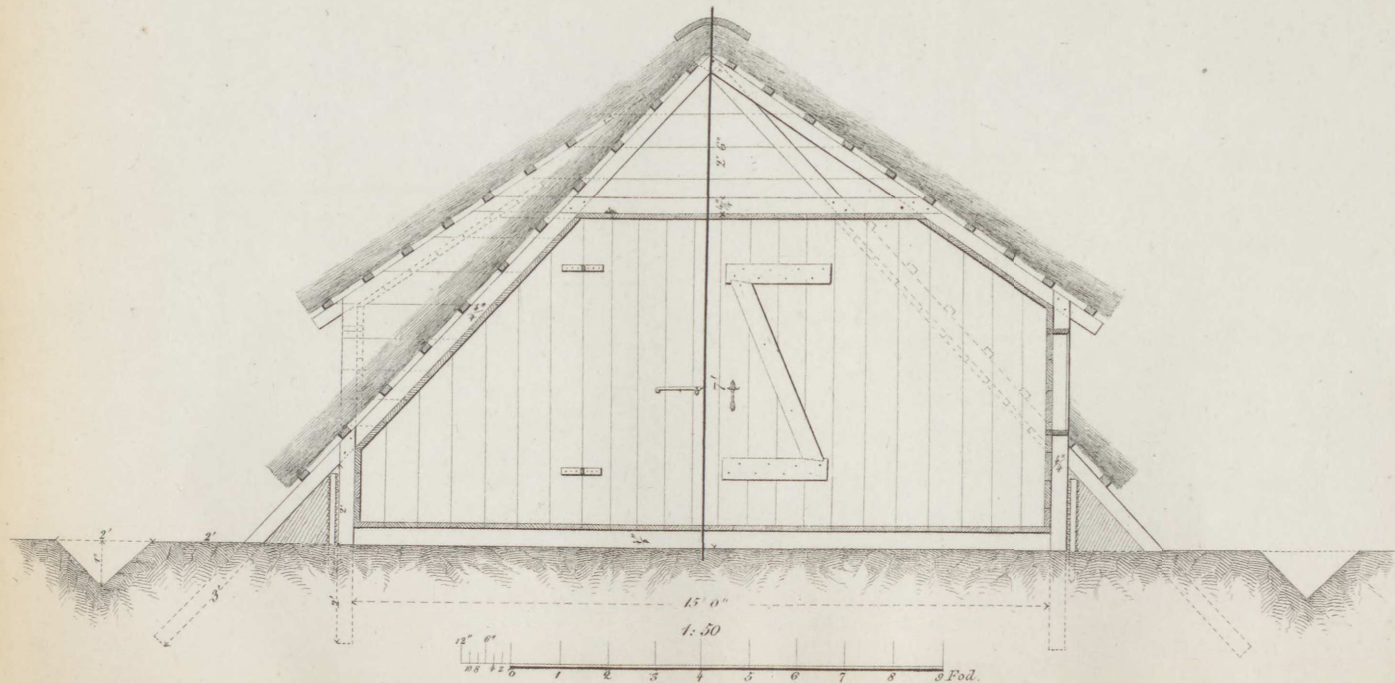
1: 100.

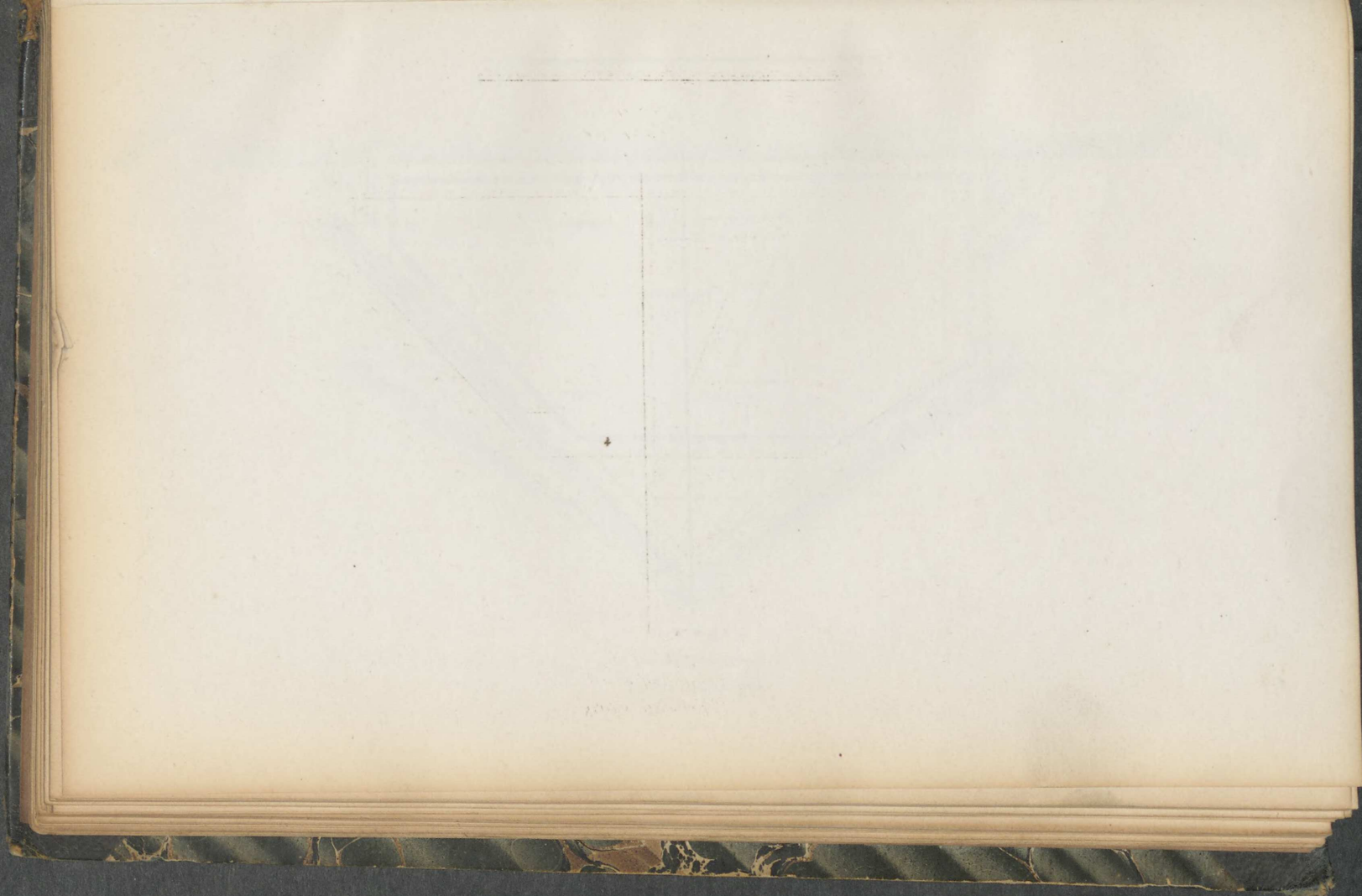


10

20 Fod.

Stabs Barakke
for en Bataillon
Snit a b c.





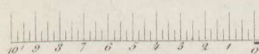
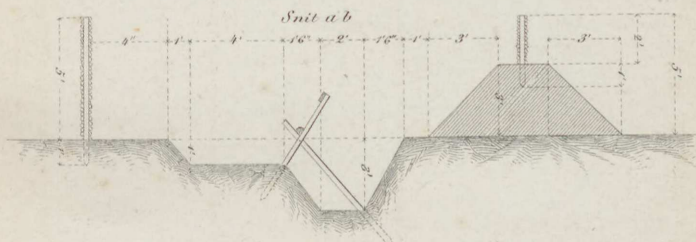
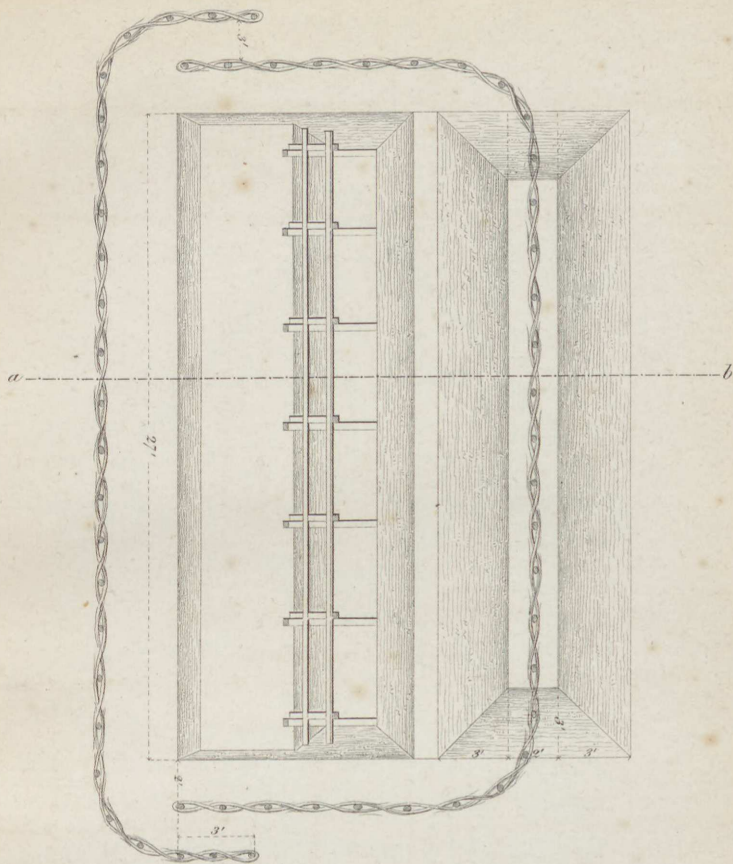
Latrine til Sommerbrug for 1 Compagnie.

	Stykker.		Lægter.		Søm.	Riis.
	An- tal.	å Fod.	løb. Fod	Tylt 12 ^o	4"	Læs.
Til en Buk	1	7	7	"	1	"
	1	5 $\frac{1}{2}$	5 $\frac{1}{2}$	"	"	"
Ialt	"	"	12 $\frac{1}{2}$	"	1	"
Til 7 Bukke	14	12 $\frac{1}{2}$	175	"	7	"
Sæde	1	25 $\frac{1}{2}$	25 $\frac{1}{2}$	"	9	"
Ryg	1	25 $\frac{1}{2}$	25 $\frac{1}{2}$	"	9	"
Afstivning ved Enderne	2	7	14	"	4	"
Skjærmene	13	3	39	"	"	4
do.	45	6 $\frac{1}{2}$	292 $\frac{1}{2}$	"	"	"
Ialt	"	"	571 $\frac{1}{2}$ =2T.	29	4	"

Latrine til Vinterbrug for 1 Compagnie.

	Stykker.		Tømmer	Bræder.			Lægter	Søm.		Blad- Hængsler.	Klinkfeld.	Lpd. Halm.	Syreb. Fvn.
	An- tal.	å Fod.	løb. Fod.	Tylt.			Tylt 12 ^o	5"	4"				
3 Spærfag. Spær Hanebjælker Fodstykker	6	16	96	"	"	"	"	12	"	"	"	"	"
	3	11	33	"	"	"	"	12	"	"	"	"	"
	3	23	69	"	"	"	"	"	"	"	"	"	"
Overskræmnings- stykker	2	12	24	"	"	"	"	12	"	"	"	"	"
Skillerum. Stolper	3	7	21	"	"	"	"	12	"	"	"	"	"
Beklædning	"	"	"	1	"	"	"	"	72	"	"	"	"
Sædet	6	2	12	"	"	"	"	12	"	"	"	"	"
	2	11	22	1 ² / ₂	"	"	1 ² / ₂	12	60	"	"	"	"
Gulvet	"	"	"	1	"	"	"	"	72	"	"	"	"
Gavlene	"	"	"	"	1	5	"	"	400	4	2	"	"
Lægtning og indre Af- sværdning	"	"	"	"	"	"	1 ⁸ / ₁₂	"	100	"	"	"	"
Tagdækning	"	"	"	"	"	"	"	"	"	"	"	70	175
Ialt	"	"	277	2 ¹ / ₂	1	5	1 ⁹ / ₁₂	72	704	4	2	70	175

Latrine til Sommerbrug for et Compagni.



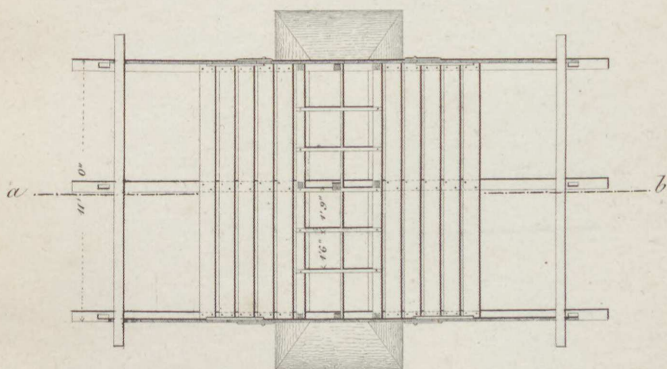
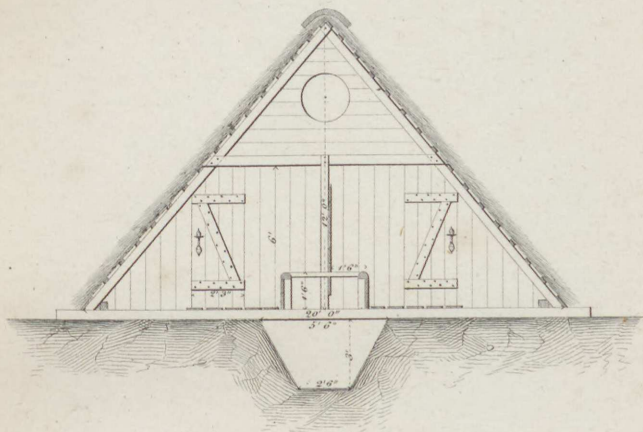
1: 100.

10

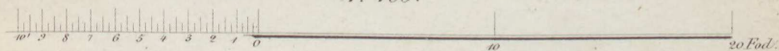
20 Fod.

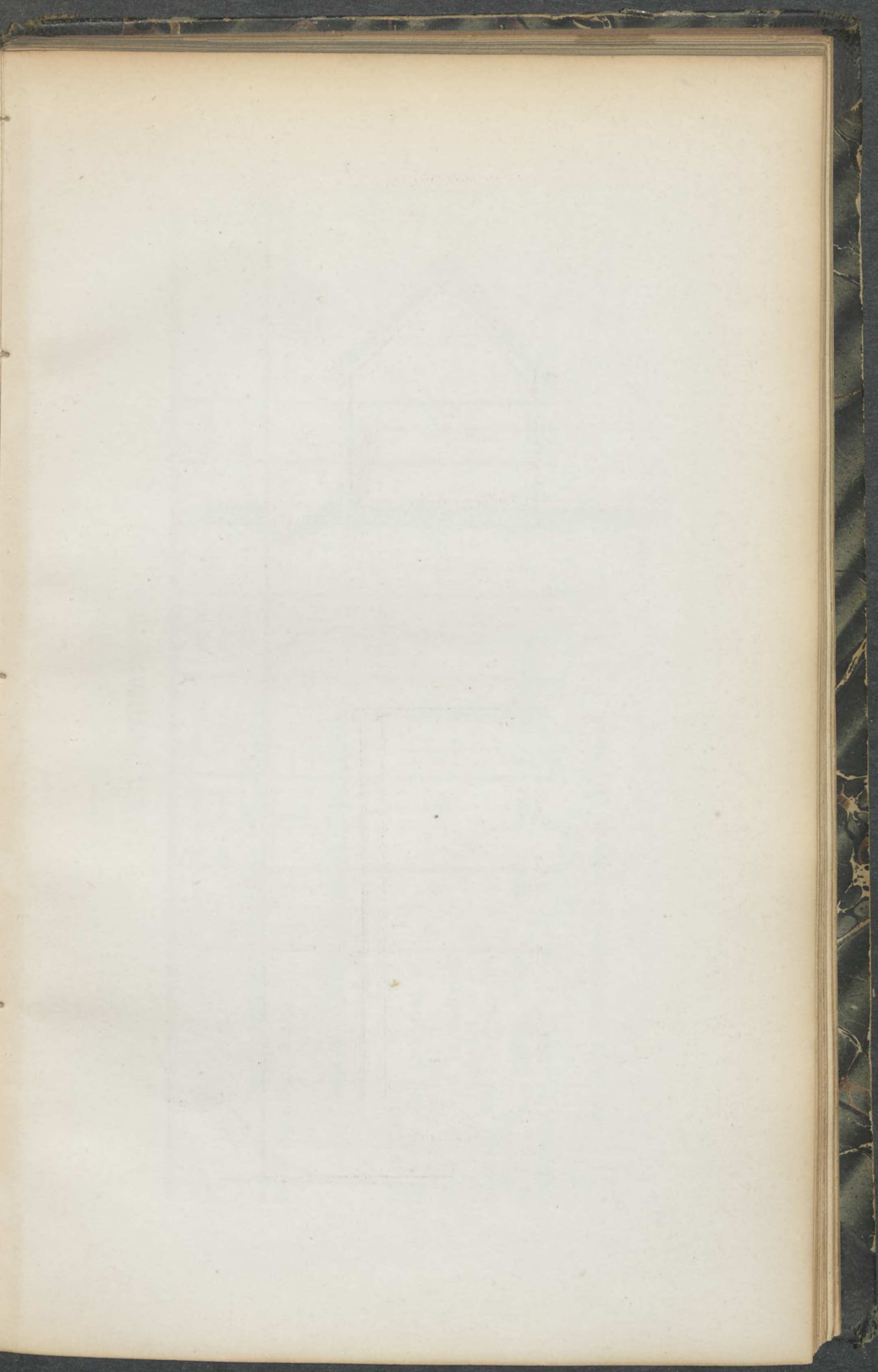
Latrine
til Vinterbrug
for et Compagni.

Snit a b.

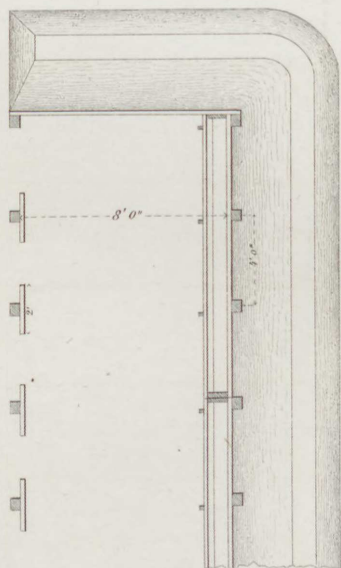
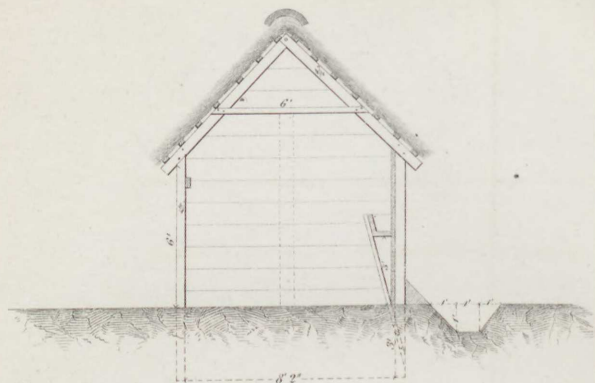


A: 100.

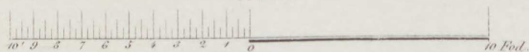




Sommerstald.



A. 100.



En Sommerstald.

	Stykker.	Tømmer.	Bræder.	Lægter.	Søm.	Halm.	Syreb.	
	An- tal.	å Fod.	løb. Fod. 4" / 1"	Tylt 12' 10' 8'	Tylt 12°	5" 4"	Lpd.	Favne
Til et Spærfag. Stolper	2	10	20	" "	"	4	"	"
Spær	2	8	16	" "	"	2	"	"
Hanebjælke	1	7	"	" "	$\frac{1}{36}$	"	4	"
Ialt	"	"	36	" "	$\frac{1}{36}$	6	4	"
Til en Gavt	"	"	"	" 1½"	"	100	"	"
Til 4 løb. Fod Lægtning af begge Tagflader	14	4	"	" "	$\frac{3}{12}$	28	"	"
Til 4 løb. Fod Tagdækning af begge Tagflader	"	"	"	" "	"	10	25	"
Til 4 løb. Fod Ydervægs Be- klædning	"	"	"	$\frac{1}{3}$ "	"	56	"	"
Til 4 løb. Fod Krybbe	"	"	"	" "	$\frac{1}{12}$	8	"	"
Sadelknage pr. Hest	1	2	"	" "	$\frac{1}{120}$	2	"	"

For hver Hest regnes 4 løbende Fod Stald.

Feltstald for en Deeling.

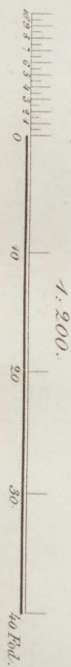
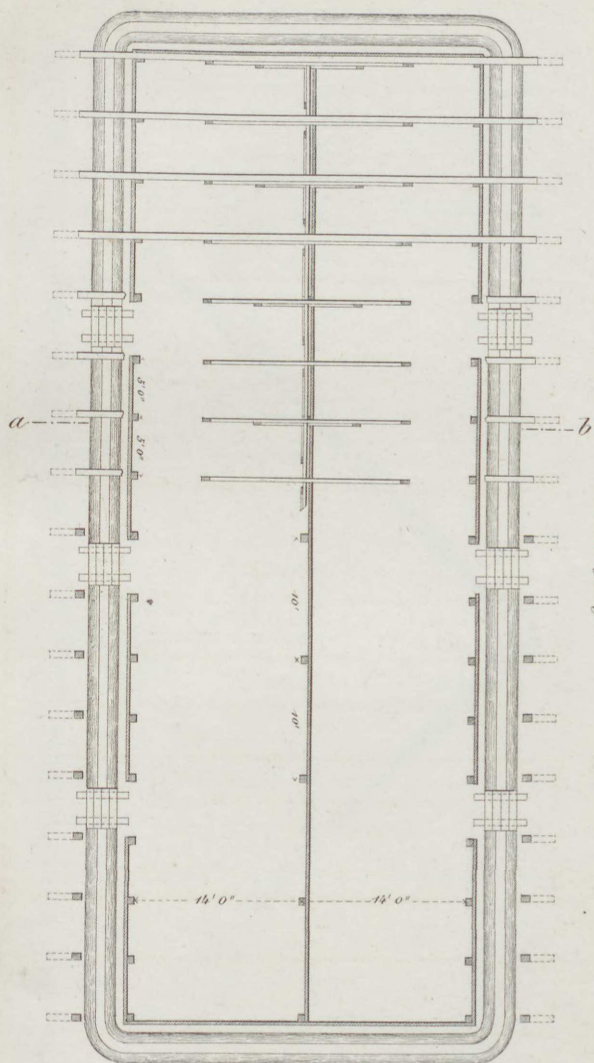
(40 Heste.)

	Stykker.		Tømmer.				Bræder.					Lægter.		Søm.			Vinduer.	Halm.	Syreb.
	An- tal.	å Fod.	5 ¹¹ / ₆ ''	4 ¹¹ / ₄ ''	2 ³ / ₅ ''5''	2 ¹¹ / ₆ ''	15'	10'	9'	7'	6'	Tylt 12°	5''	4''	3''.	Lpd.			
17 Spærfag	34	30	1020										34						
Stolper	22	8		176									44						
do. ved Indgangen	12	10		120									24						
Remstykker over do.	6	6		36									24						
Opskalker	12	10		120									36						
Dragerstolper	9	14		126															
Drageren					80								18						
Hanebjælker	9	17				153								54					
Kopbaand	34	7								2 ¹⁰ / ₂									
Sidevæggenes Beklædn.	128	10						10 ⁸ / ₂						136					
Gavlene. Stolper	4	14		56										770					
Løsholter	4	8		32										8					
Trempler	4	6		24										8					
Beklædning							4		5		2				1100	4			
Midtevæggenes Beklædn.								8			1				900				
Krybberne								4					1 ² / ₁₂		500				
Lægtning													14 ⁸ / ₁₂		880				
Tagdækning 3735 □'																	750	1875	
Ialt			1020	690	80	153	4	22 ⁸ / ₂	5	2 ¹⁰ / ₂	3	15 ¹⁰ / ₂	180	2364	2000	4	750	1875	

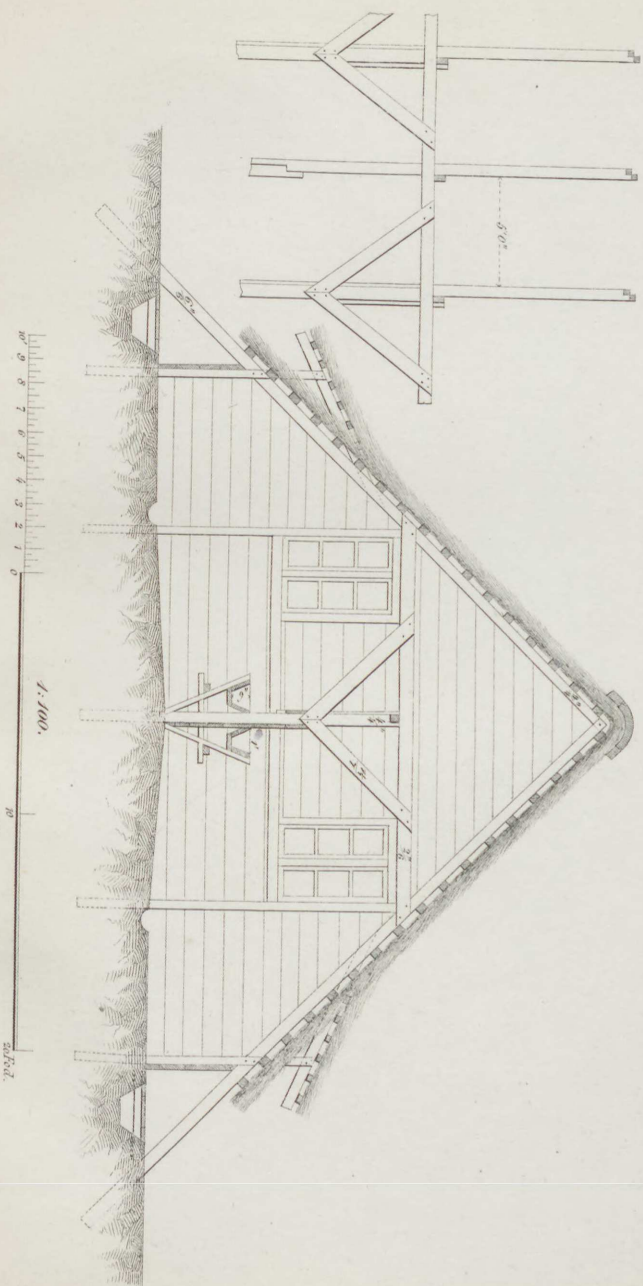
For hver Hest regnes 4 løbende Fod.

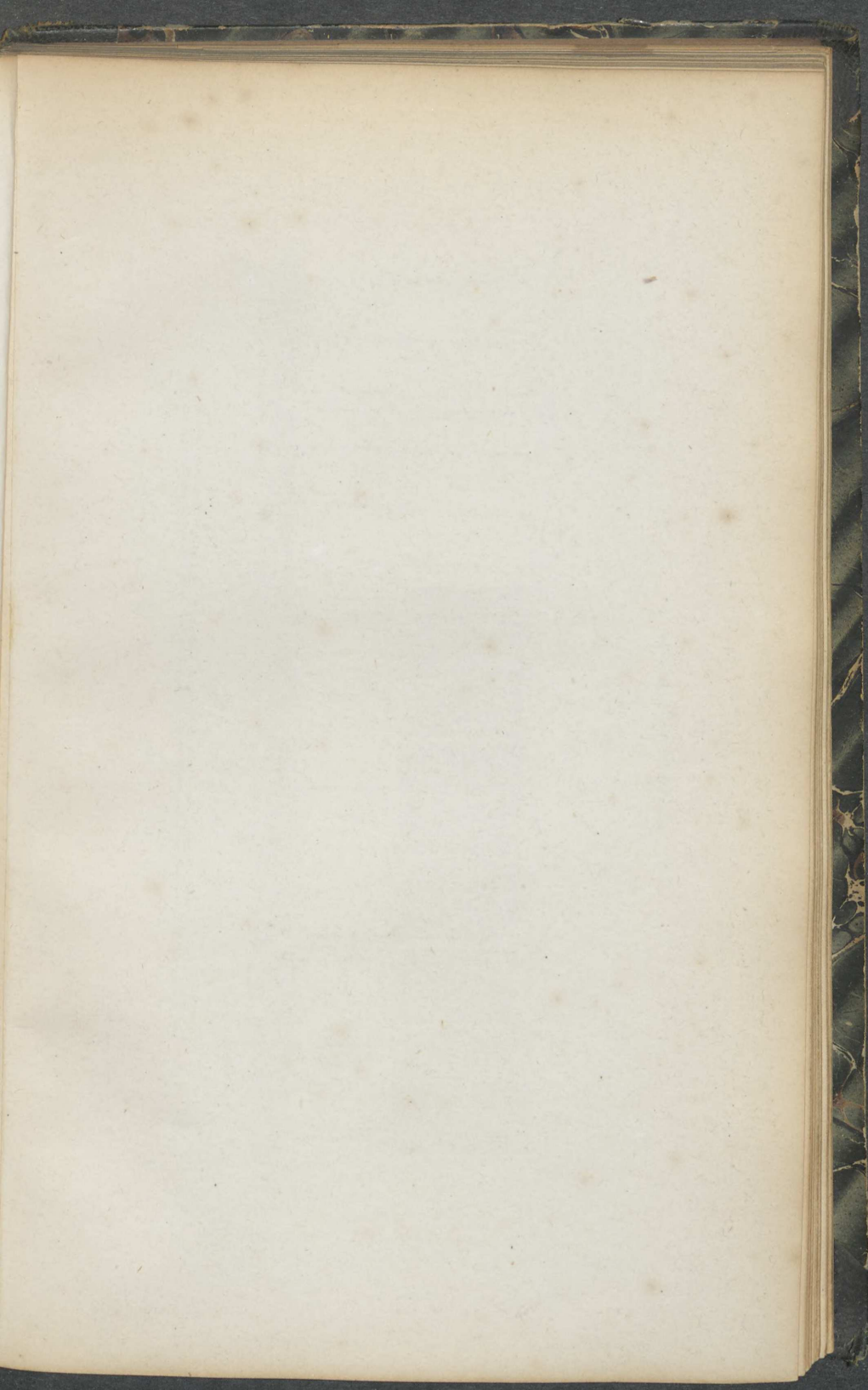
Platform for on Decking (to Hoste).

Grundriss.



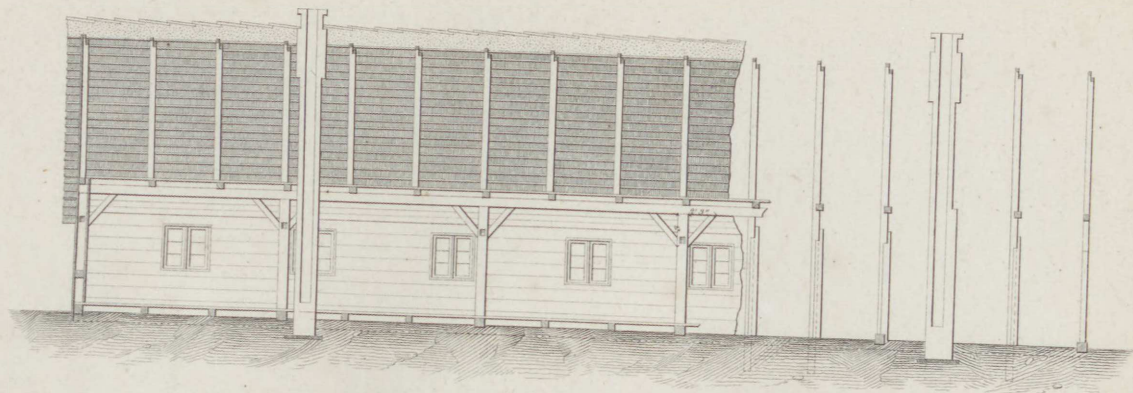
Fellstald.
Snit efter a b



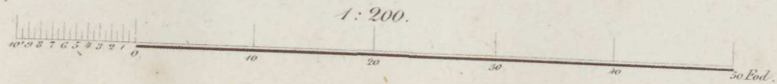


Brandstuebygning.

Længdesnit.



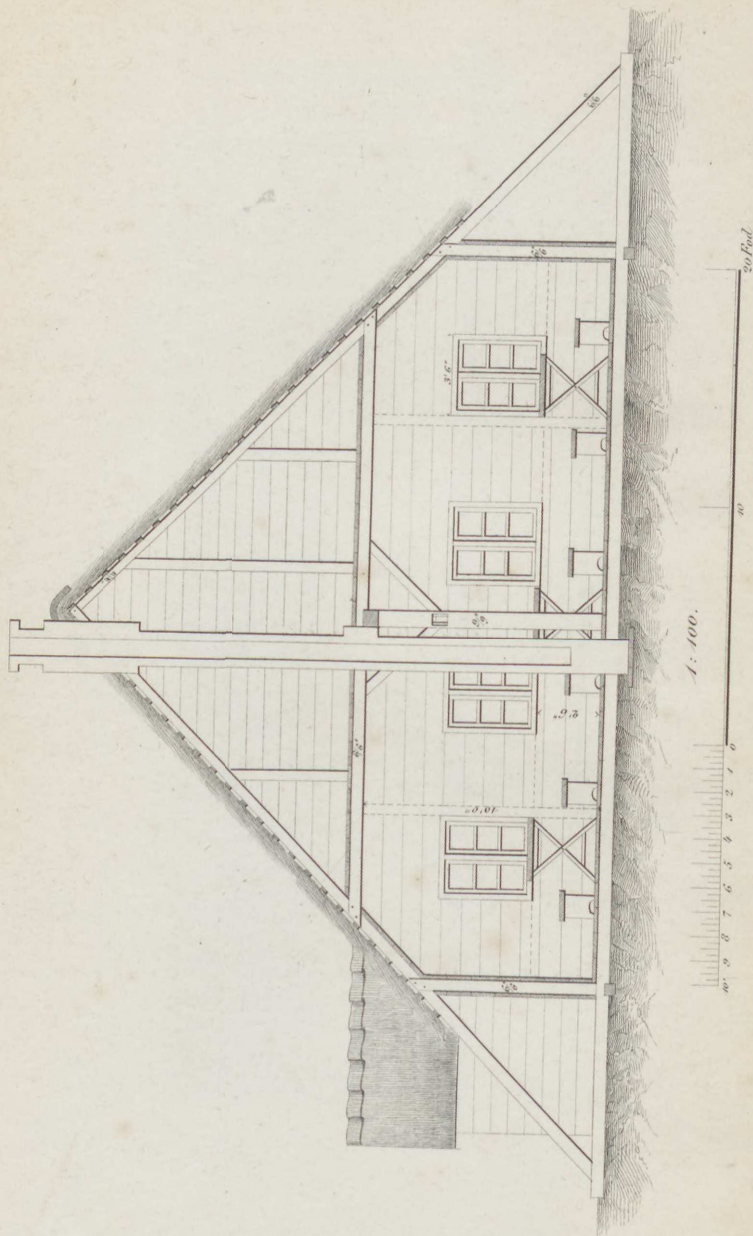
1:200.

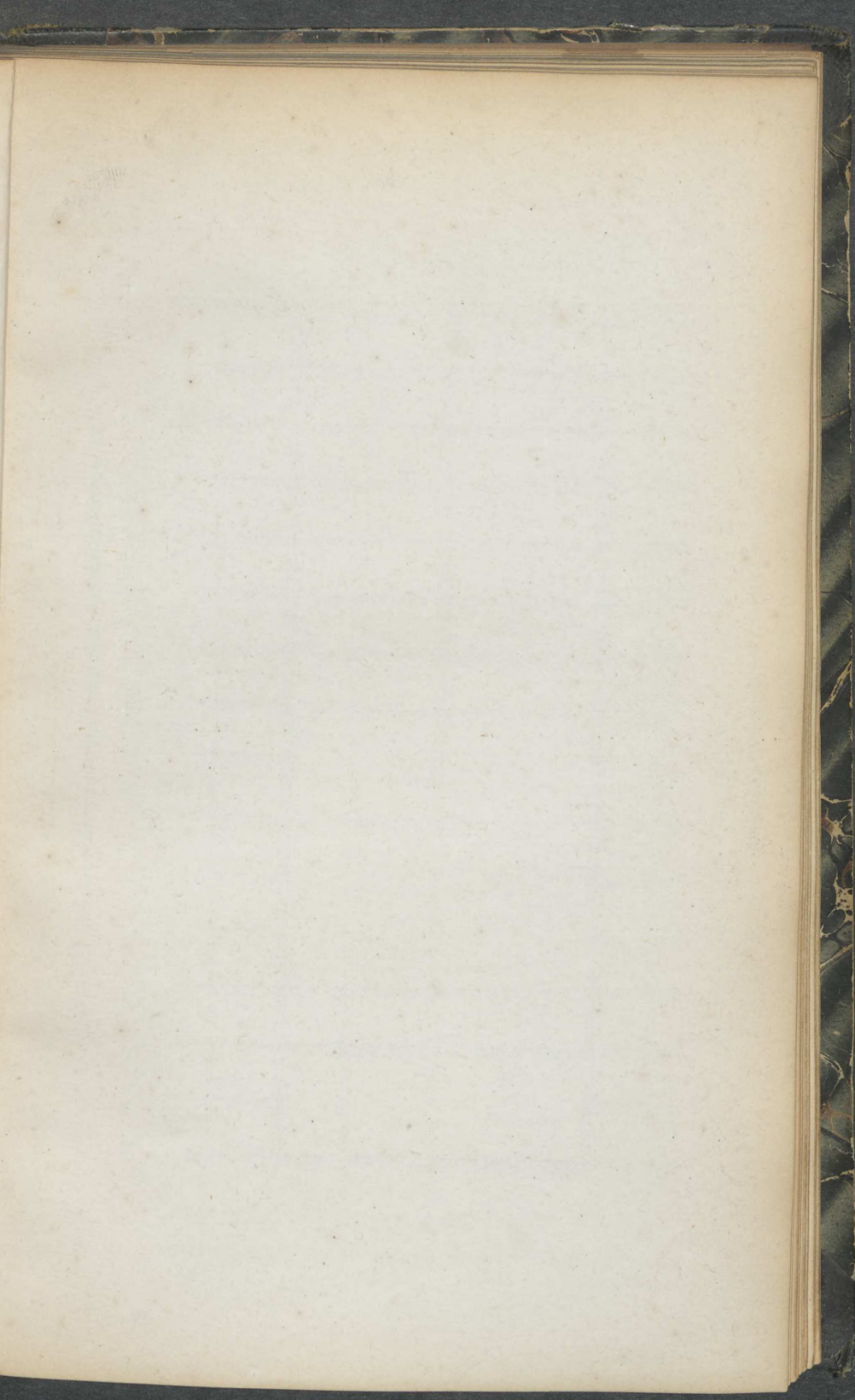




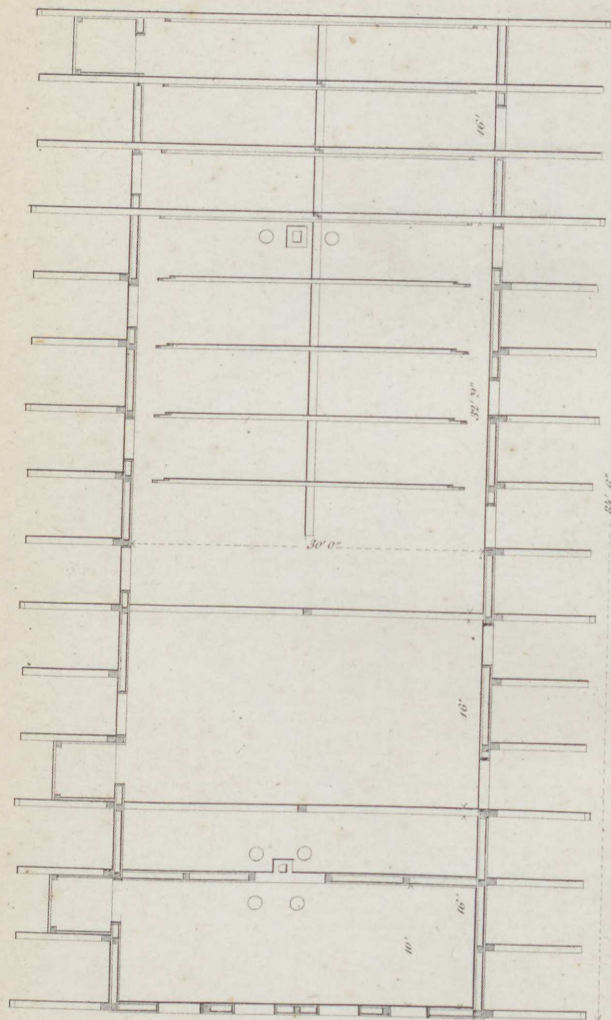
Brandstuebygning.

Therselit.

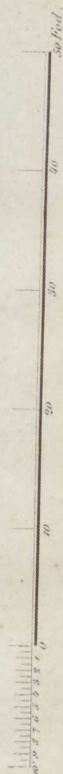




*Brandstuebygning
for 1/2 Bataillon.*



1 : 200.



Brandstue= for 1/2

	Stykker.		Tømmer.			Bræder.				
	An- tal.	å Fod.	løb. Fod			Tylt				
			9 1/2"	6 1/2"	4 1/2"	13'	12'	11'	10'	9'
Fodstykker. Façaderne	2	84 1/2	"	169	"	"	"	"	"	"
6 Hovedbinderfag.										
Fodstykker	6	48	"	288	"	"	"	"	"	"
Spær	12	33	"	396	"	"	"	"	"	"
10 Spærfag.	20	36	"	720	"	"	"	"	"	"
Hanebjælker	16	26	"	416	"	"	"	"	"	"
Stolper	32	8 1/2	"	272	"	"	"	"	"	"
Dragerværket. Drageren	1	84 1/2	84 1/2	"	"	"	"	"	"	"
Dragerstolper	6	10	60	"	"	"	"	"	"	"
Kopbaand	22	4 1/2	"	"	99	"	"	"	"	"
2 Gavle.										
Stolper under Hanebjælken	4	11	"	"	44	"	"	"	"	"
Løsholter	16	8	"	"	128	"	"	"	"	"
Trempler	8	4 1/2	"	"	36	"	"	"	"	"
Stolper over Hanebjælken	4	10	"	"	40	"	"	"	"	"
" "	4	6	"	"	24	"	"	"	"	"
Beklædning under "Hanebj.	"	"	"	"	"	"	"	"	"	"
" " over "	"	"	"	"	"	"	"	"	2	4
Sidevæggene.										
Dørstolper	3	8 1/2	"	25 1/2	"	"	"	"	"	"
Løsholter	27	6	"	162	"	"	"	"	"	"
Trempler	11	4 1/2	"	49 1/2	"	"	"	"	"	"
Beklædn. af den lodr. Deel	"	"	"	"	"	"	"	35	"	"
do. " skraa do.	"	"	"	"	"	"	"	12 1/2	"	"
Loftet	"	"	"	"	"	"	"	30	"	"
Gulvet	23	1	"	"	713	30	"	"	"	"
Tverskallerummet	4	30 1/2	"	"	42	4	4	"	"	"
3 Forstuer. Fodstykker	3	10	"	30	"	"	"	"	"	"
do.	3	16	"	"	18	"	"	"	"	"
Stolper	6	7	"	"	42	"	"	"	"	"
Remstykker	3	6	"	"	18	"	"	"	"	"
do.	6	6	"	"	36	"	"	"	"	"
Spær	12	4	"	"	48	"	"	"	"	"
Væggens Beklædning	"	"	"	"	"	"	"	"	"	"
Gavl og Dør	"	"	"	"	"	"	"	"	"	"
Lægning af hele Taget	"	"	"	"	"	"	"	"	"	"
Tagdækning	"	"	"	"	"	"	"	"	"	"
2 Skorstensrør à 26'	"	"	"	"	"	"	"	"	"	"
Kakkelovne med Rør	"	"	"	"	"	"	"	"	"	"
Ialt	"	"	144 1/2	2528	1288	34	4	77 1/2	2	4

Anm. Det er antaget, at de to midterste Vinduer i Gavlene

Bygning

Bataillon.

			Lægter Tylt 12 ^o	S ø m.			Dør- beslag.		Vinduer.	Halm.	Syreb.	Muursteen.	Steen- kalk.	Sand.	Kakkelovne.
8'	7'	6'		5"	4"	3"	Stabel- hængsler	Klinke- fald		Lpd.	Favn		Tdr.	Tdr.	
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	24	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	12	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	40	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	64	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	128	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	16	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	64	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	32	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	16	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	16	"	"	"	"	"	"	"	"	"	"
24	"	"	"	"	2400	"	"	"	8	"	"	"	"	"	"
"	"	1	"	"	600	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	12	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	108	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	44	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	3500	"	6	3	11	"	"	"	"	"	"
"	"	"	"	"	1250	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	3000	"	"	"	"	"	"	"	"	"	"
"	5	"	"	"	3200	"	"	"	"	"	"	"	"	"	"
"	"	"	"	16	800	"	"	"	"	"	"	"	"	"	"
"	"	"	"	12	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	12	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	12	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	12	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	24	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	7	"	"	"	350	"	"	"	"	"	"	"	"	"
"	3	"	"	"	"	300	6	3	"	"	"	"	"	"	"
"	"	"	20	"	1000	"	"	"	"	860	2150	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	2000	"	2	12	"
"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	6
24	8	8	20	356	13058	3650	12	6	19	860	2150	2000	2	12	6

sættes tæt til Dragerstolpen.

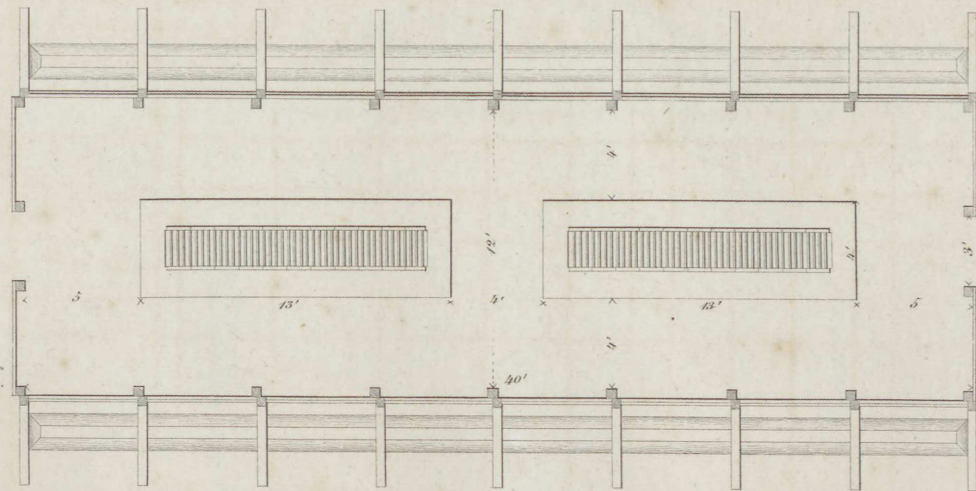
Et Kogeskuur for 1/2 Bataillon.

		Stykker.		Tømmer	Bræder			Søm.		Stabel-	Klinke-	Muur-	Steen-	Sand.	Jern-Riste.	
		An-	å	løb. Fod	Tykt.					Hængsler.	fald.	steen.	kalk.			
		tal.	Fod.	4" 1/4"	12'	10'	7'	5"	4"			Stk.	Tdr.	Tdr.		
9 Spærfag.	Stolper	18	7	126	"	"	"	36	"	"	"	"	"	"	"	
	Spær	18	18 1/2	333	"	"	"	18	"	"	"	"	"	"	"	
	Hanebjælker	9	12	"	1 1/2	"	"	"	36	"	"	"	"	"	"	
2 Gavle.	Overspær	18	7	"	"	"	1 1/2	"	72	"	"	"	"	"	"	
	Stolper	4	10	40	"	"	"	"	"	"	"	"	"	"	"	
	Løsholter	2	4	8	"	"	"	"	"	"	"	"	"	"	"	
	Beklædning	"	"	"	"	4	"	"	400	"	"	"	"	"	"	
	Døre	"	"	"	"	7	1 1/2	"	150	4	2	"	"	"	"	
Sidevæggenes	Beklædn.	"	"	"	"	1	"	"	700	"	"	"	"	"	"	
	Hylde	"	"	"	"	1	"	"	100	"	"	"	"	"	"	
Tagfladerne		"	"	"	"	16	"	"	1600	"	"	"	"	"	"	
	Ildstederne	"	"	"	"	"	"	"	"	"	"	4500	4 1/2	27	20	
Ialt		"	"	507	9 1/2	28	3	54	3058	4	2	4500	4 1/2	27	20	

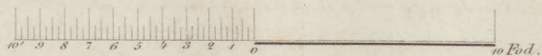
Af Kogekjedler have 3 Slags.

- 1, cirkulair cylindrisk Kobberkjedel til 6 Mand; 9" høj uden Laag, 9 3/4" høj med Laag, 9" Diameter foroven, 9 1/2" Diameter forneden. Reglementeret for Cavalleri og Artilleri.
- 2, flad cylindrisk Blikkjedel til 10 Mand; 11" høj uden Laag, 13 1/2" høj med Laag, 7" mindste og 12" største Diameter. Bæres af Infanteriet.
- 3, conisk Blikkjedel til 10 Mand; 11" høj uden Laag, 13 1/4" høj med Laag, 10 1/2" Diameter foroven, 8 1/2" Diameter forneden. Transporteres paa Compagnie-Bagagevognene.

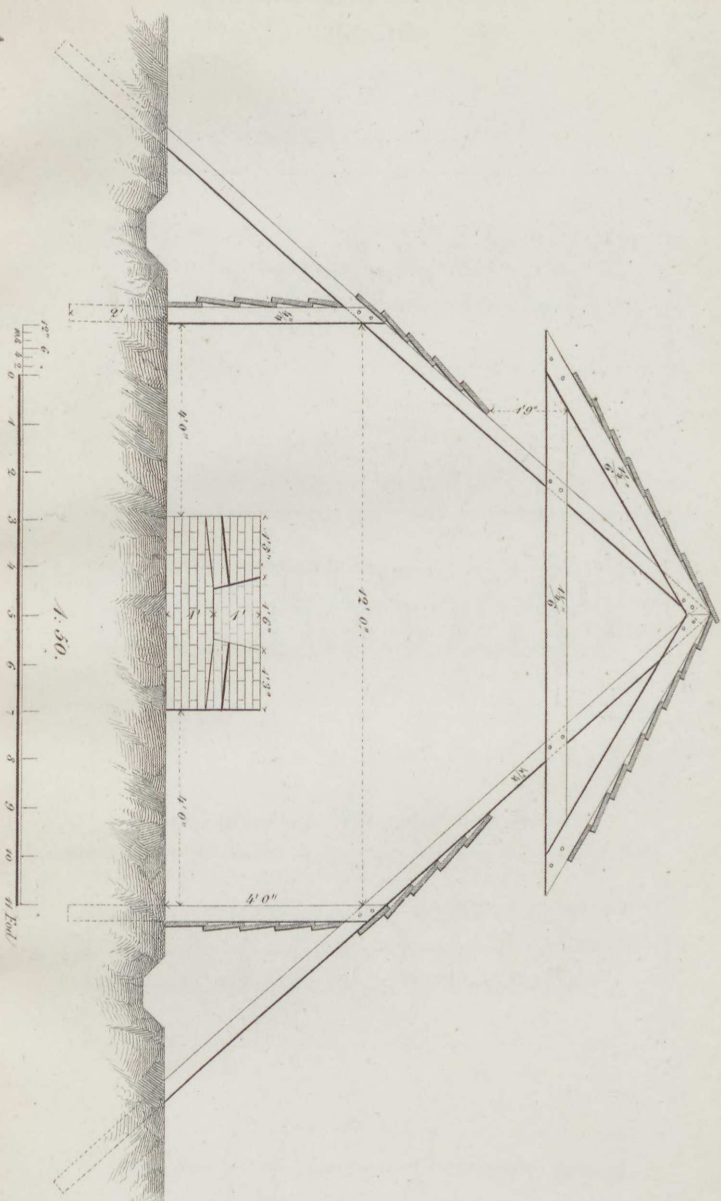
Kogeskuur
for $\frac{1}{2}$ Bataillon.



A: 100.

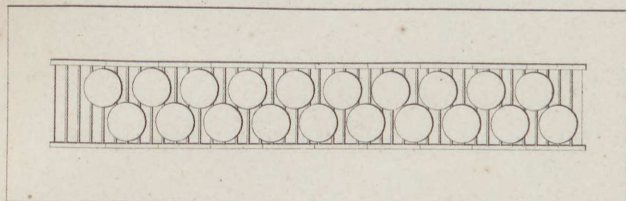


Kogeskuur, of Vinkering

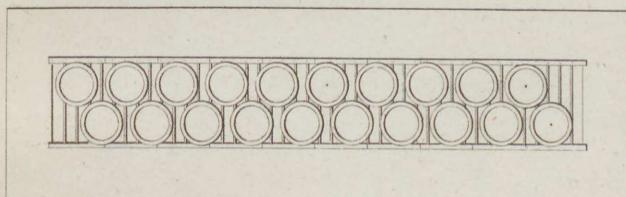


*Opstillingen af Kogekjedler
i Jldstedet.*

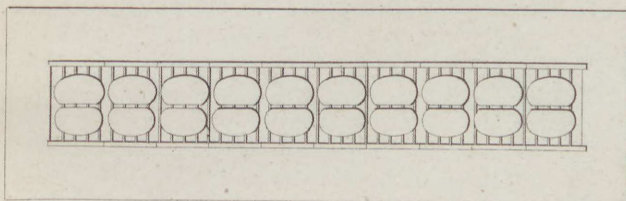
Kobberkjedler til 6 Mand.



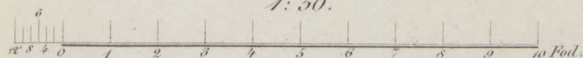
Coniske Blikkjedler til 10 Mand.



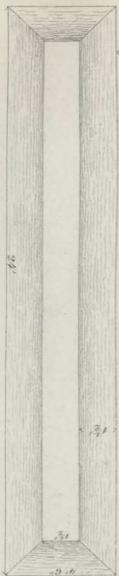
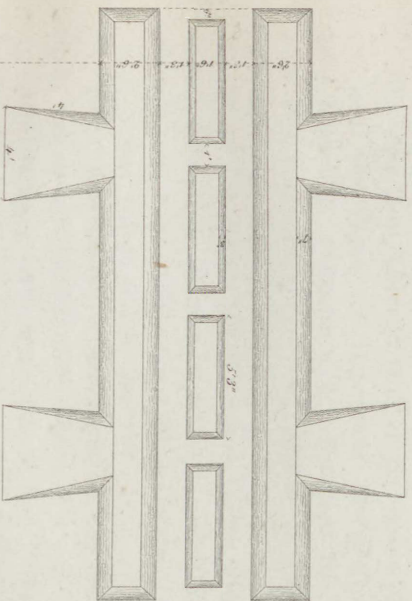
Flade cylindriske Blikkjedler til 10 Mand.



4: 50.



Kogeshutter.



1: 100.
0 1 2 3 4 5 6 7 8 9 10
10 Rod



Barakkeleire.

En Bataillon Infanteri paa 1000 Mand har en Frontlængde af 870'.

Intervallerne mellem Bataillonerne i Brigaden ere omtrent 30'.

Et Regiment Cavalleri paa 600 Mand har en Frontlængde af omtrent 900'.

Intervallerne mellem Regimenterne i Brigaden ere omtrent 48'.

Et 6 Pds. Batteri paa 8 Kanoner har en Frontlængde af 400' eller 220', eftersom Intervallerne mellem Kanonerne ere hele eller halve. I Parkstilling anvendes sædvanlig halve Intervaller. Afstanden mellem Batteriets 1ste og 2den Linie er i Parkstillingen 108' og mellem de øvrige Linier 72', regnet fra Bagaxel til Bagaxel.

Et 12 Pds. Batteri paa 8 Kanoner har en Frontlængde af 470' eller 255', eftersom Intervallerne mellem Kanonerne ere hele eller halve. Afstanden mellem Linierne i Parkstillingen er som ved de 6 Pds. Batterier.

Batteri-Intervallerne i Batteribrigader ere omtrent 27' større end de befalede Skytsintervaller.

Artilleri leirer enten som Cavalleri med Parkplads bag Leiren eller med Hytterne omkring de 3 Sider af Parkpladsen, saa at dennes Frontside er fri.

En Mand tilfods optager 2' i Bredden og 2' i Dybden i Geledet.

Dybden af to Geleder er 2 Skridt eller 5'.

Bredden af en Mand tilhest i Geledet er 3'.

Dybden eller Længden af en Hest er 3 Skridt eller $7\frac{1}{2}$ '.

Dybden af en i to Geleder opstillet Afdeling tilhest er 7 Skridt eller $17\frac{1}{2}$ '.

Længden af en paaprotset Kanon (Vogn) uden Bespænding, andrager fra Munden (det Bageste af Vognen) til den forreste Ende af Vognstangen c. 9 Skridt = $22\frac{1}{2}$ '.

Bredden af Kanonens (Vognens) Spor er 5'.

Breden af hele Kjøretøjet er 6' 2".

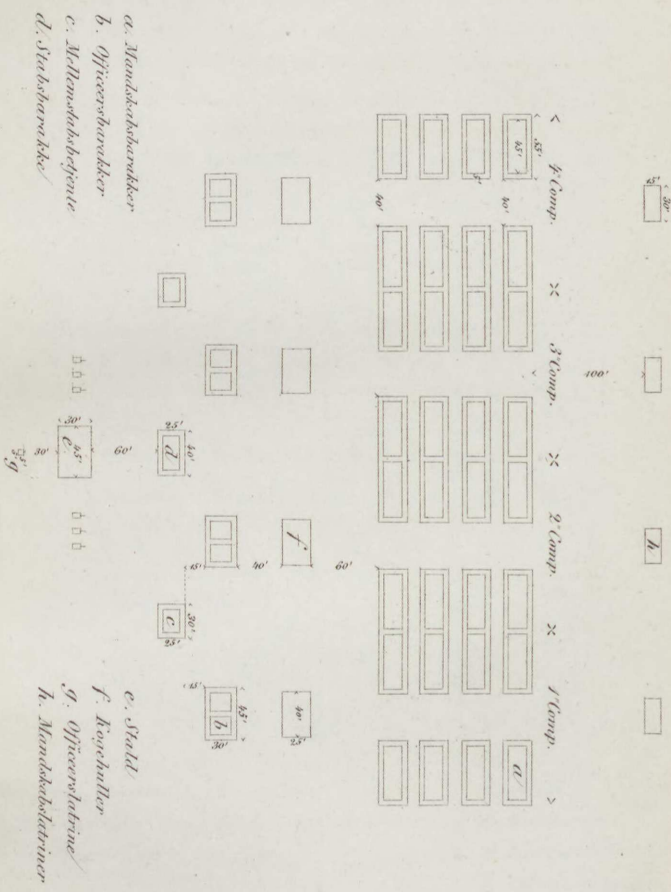
Dybden eller Længden af en med 6 Heste bespændt Kanon (Vogn) er circa 45'.

For hvert Par Heste, med hvilket Bespændingen enten forøges, eller formindskes, lægges 10' til eller tages 10' fra.

Breden af en paaprotset Kanon (Vogn) med Betjeningsmandskabet ved samme circa $12\frac{1}{2}'$.

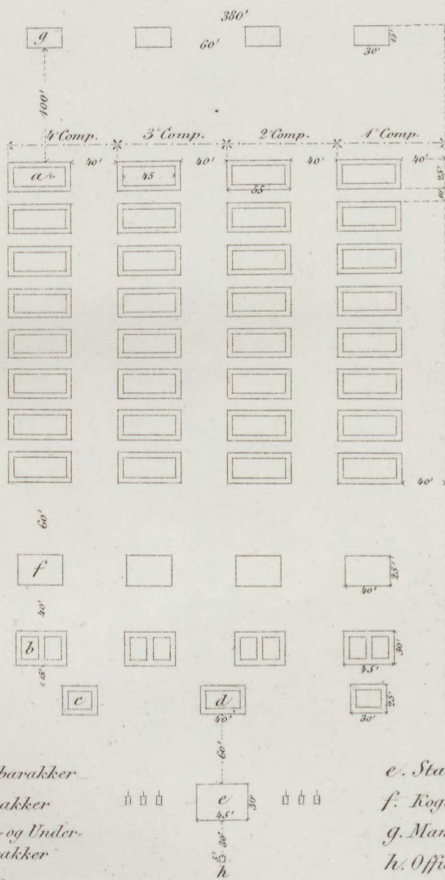
Breden af et Batteri paa 8 Kanoner formeret med heel Front og med sluttede Intervaller 95'.

Barrack-plan for en Bataillon.



Barakkeleir for en Bataillon

à 1000 Mand.



a. Mandskabsbarakker

b. Officersbarakker

c. Mellemstabs-og Under-officers Barakker

d. Stabsbarakke

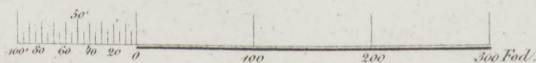
e. Stald

f. Kogehuller

g. Mandskabslatriner

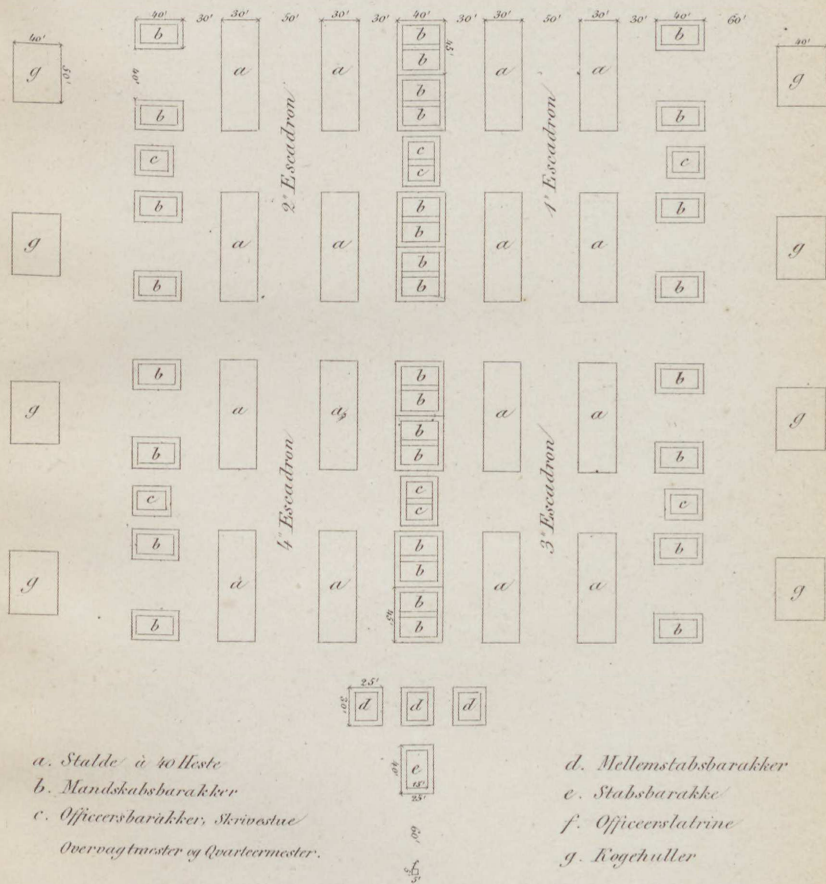
h. Officerslatrine

1:2000.



Barakkeleir

for et Cavalleriregiment, 640 Heste og 576 Underofficerer og Menige.



a. Stalde à 40 Heste

b. Mandskabsbarakker

c. *Officersbaraker, Skrivestue*

Overvagtmeester og Quarttermester.

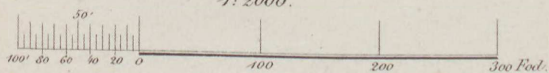
d. Mellemstabsbarakker

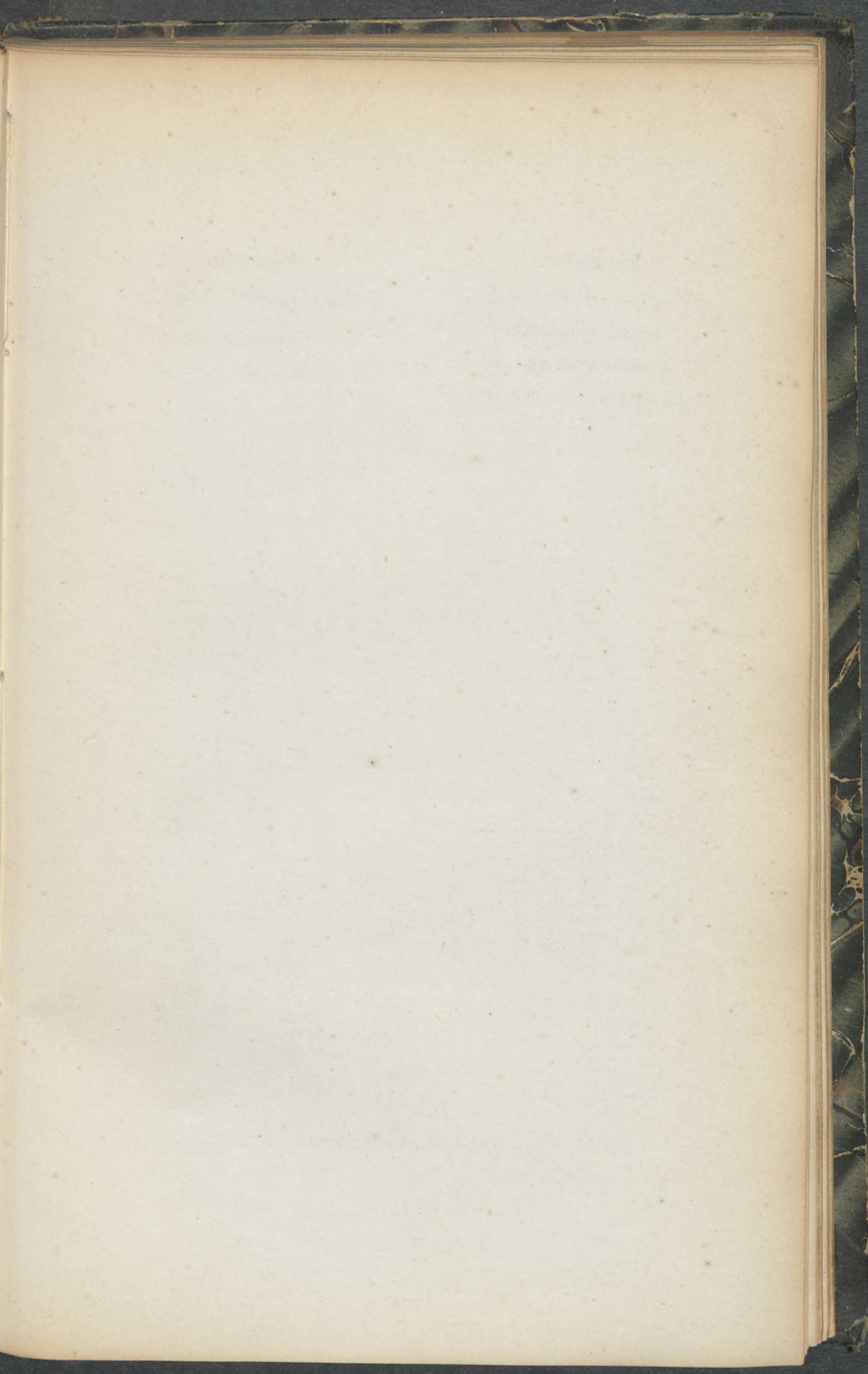
e. Stabsbarakke

f. Officerslatrine

J. Kogchuller

1:2000.





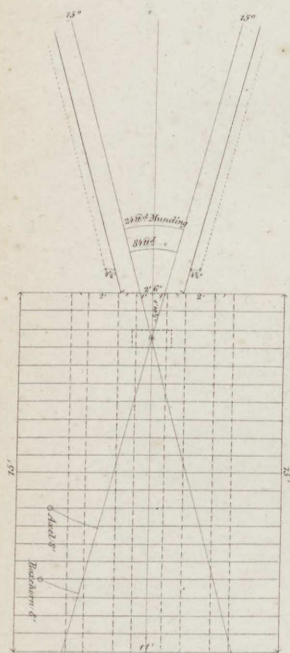
Bridsk til

Blendering til $2\frac{3}{4}$ u Rapport

30° Sideretningsfrihed.

Bridskens Hældning = $2\frac{1}{2}$ °.

Det punkterede Skydeskaart til 84 u G.K.

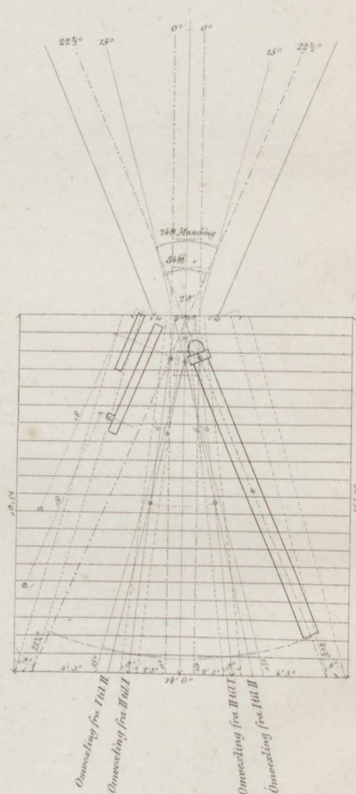


Bridsk til

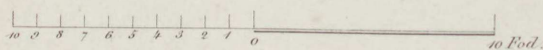
Blendering til $2\frac{3}{4}$ u Rapport

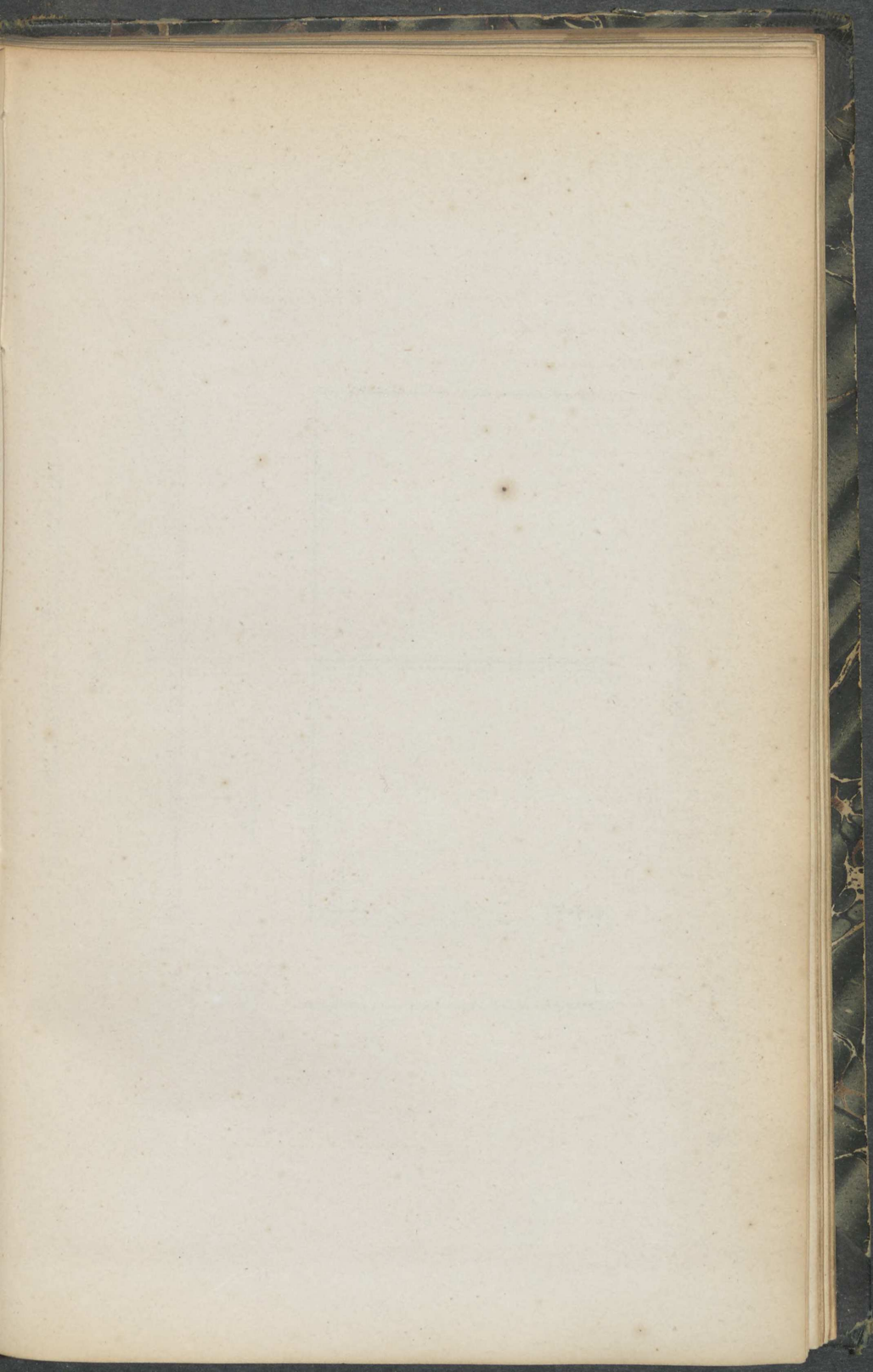
45° Sideretningsfrihed.

Bridskens Hældning = $2\frac{1}{2}$ °.



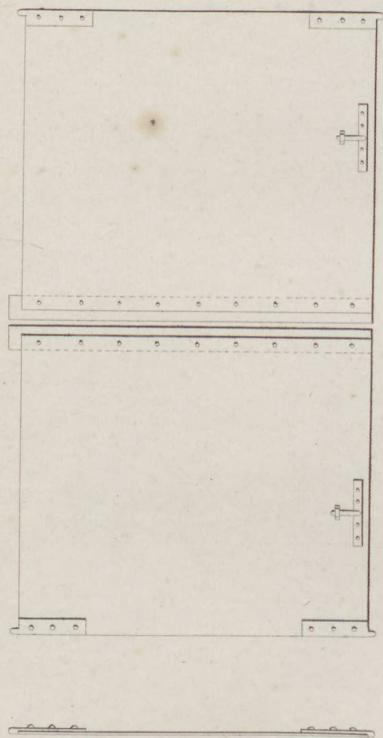
A: 100.





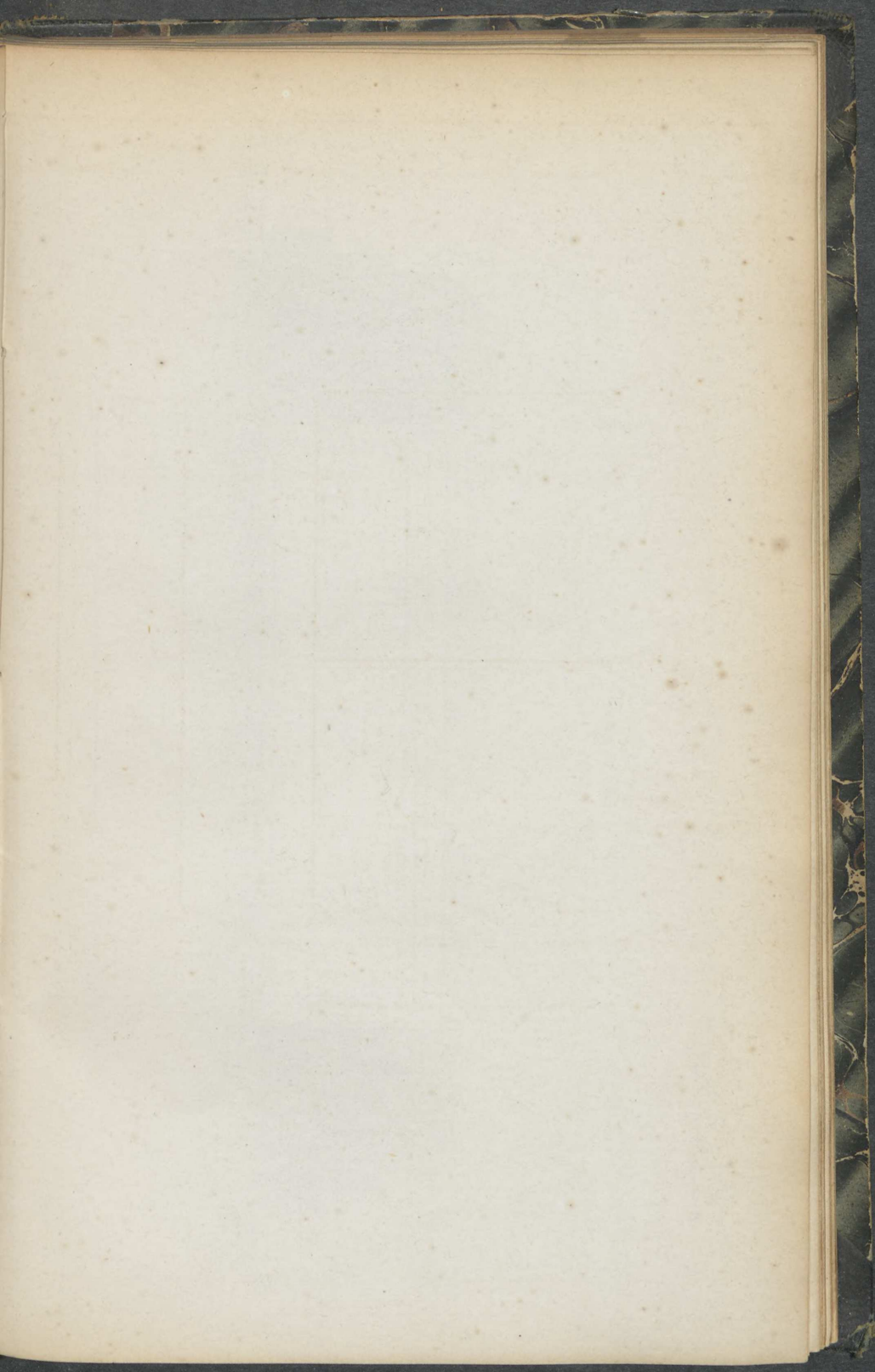
Kanonblendering.

Blendporte.



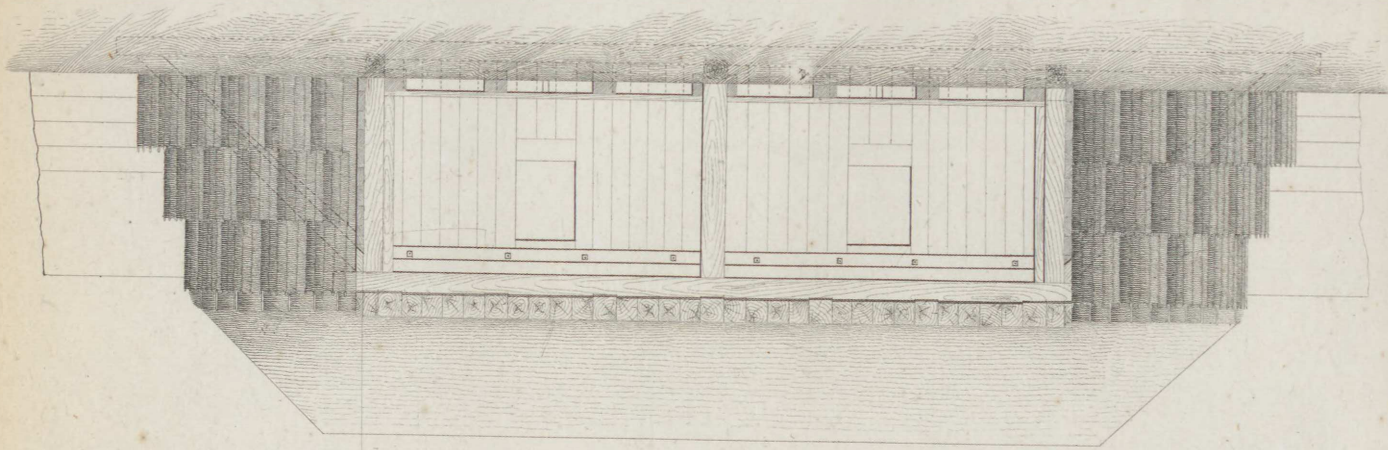
1: 25.





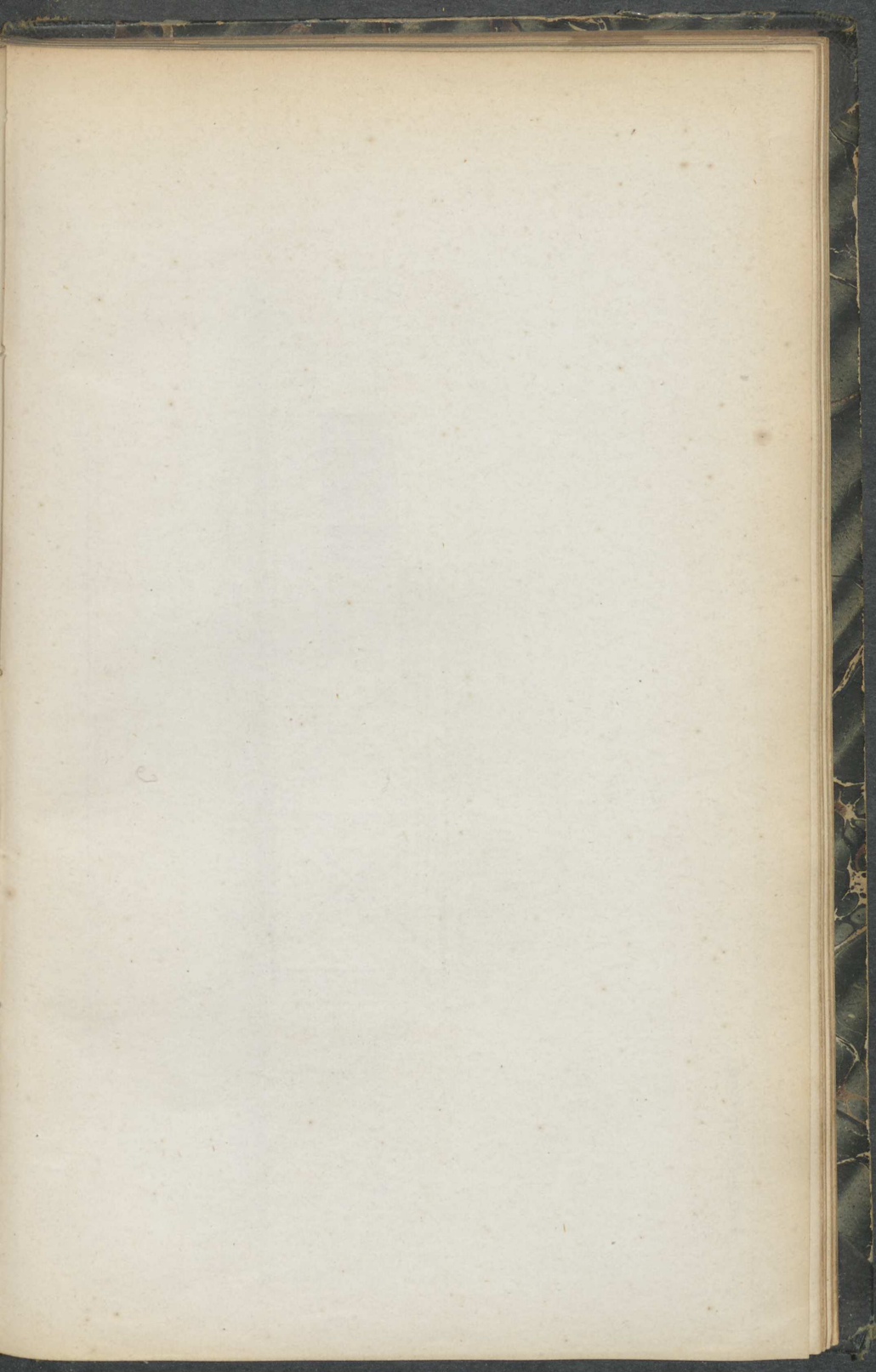
Kanonblendering.

Sect bagfa.



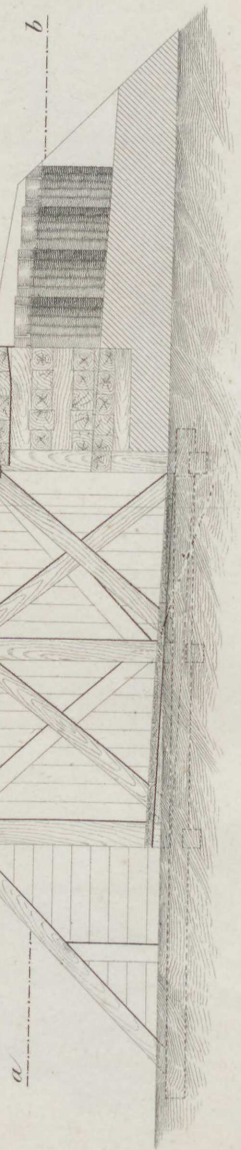
1:100.

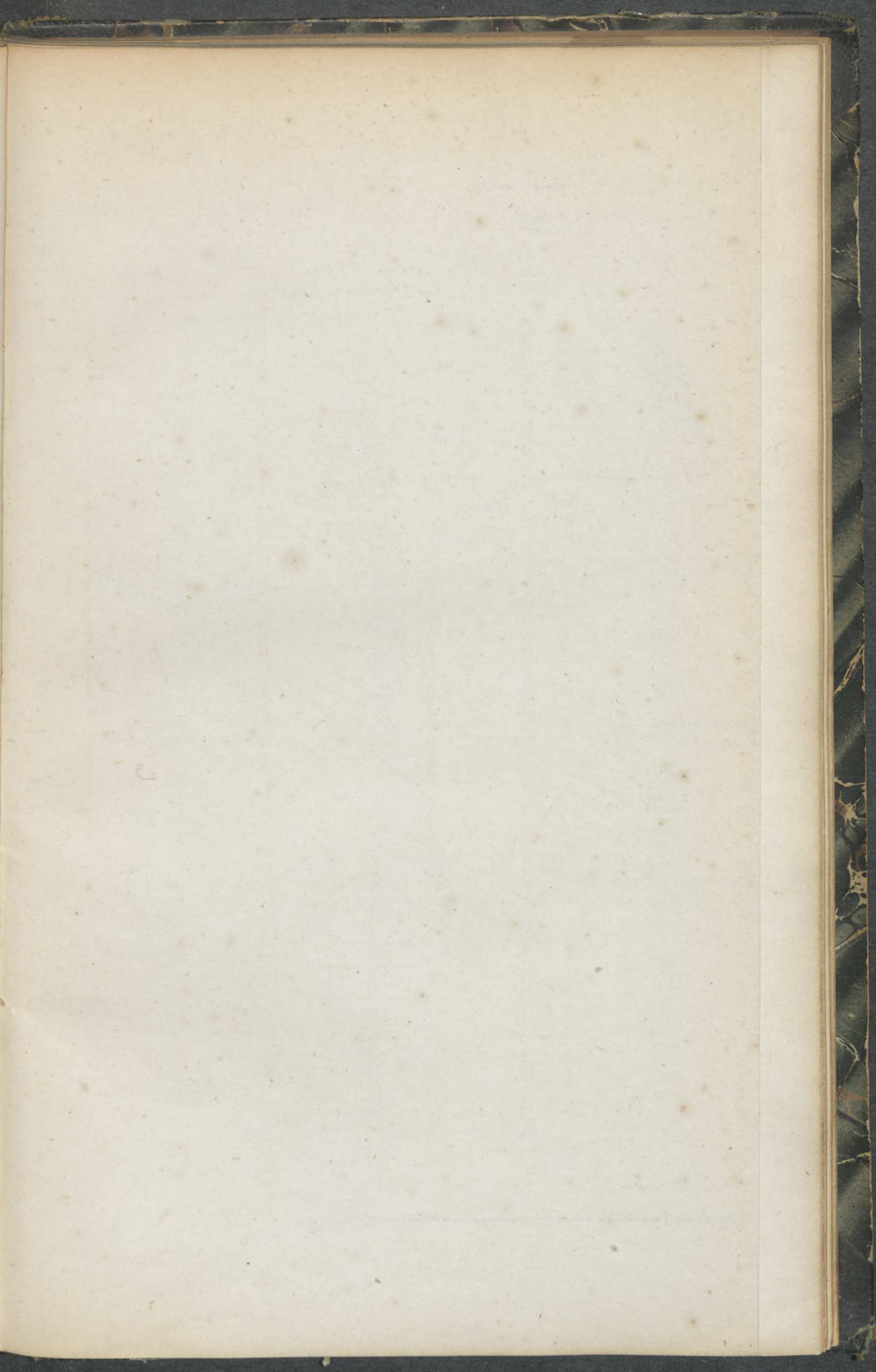


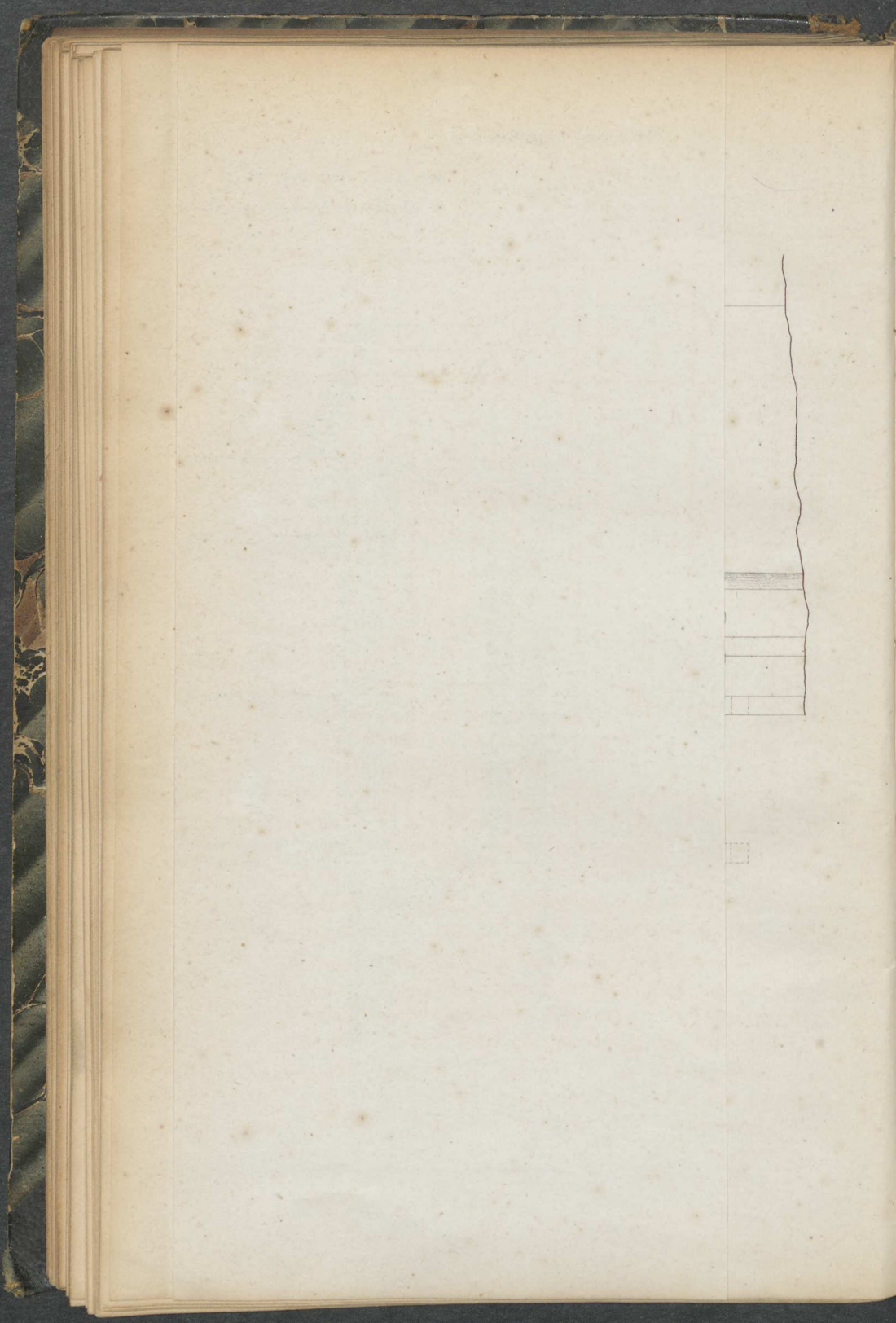


Kanonblendering.

Snit c d.



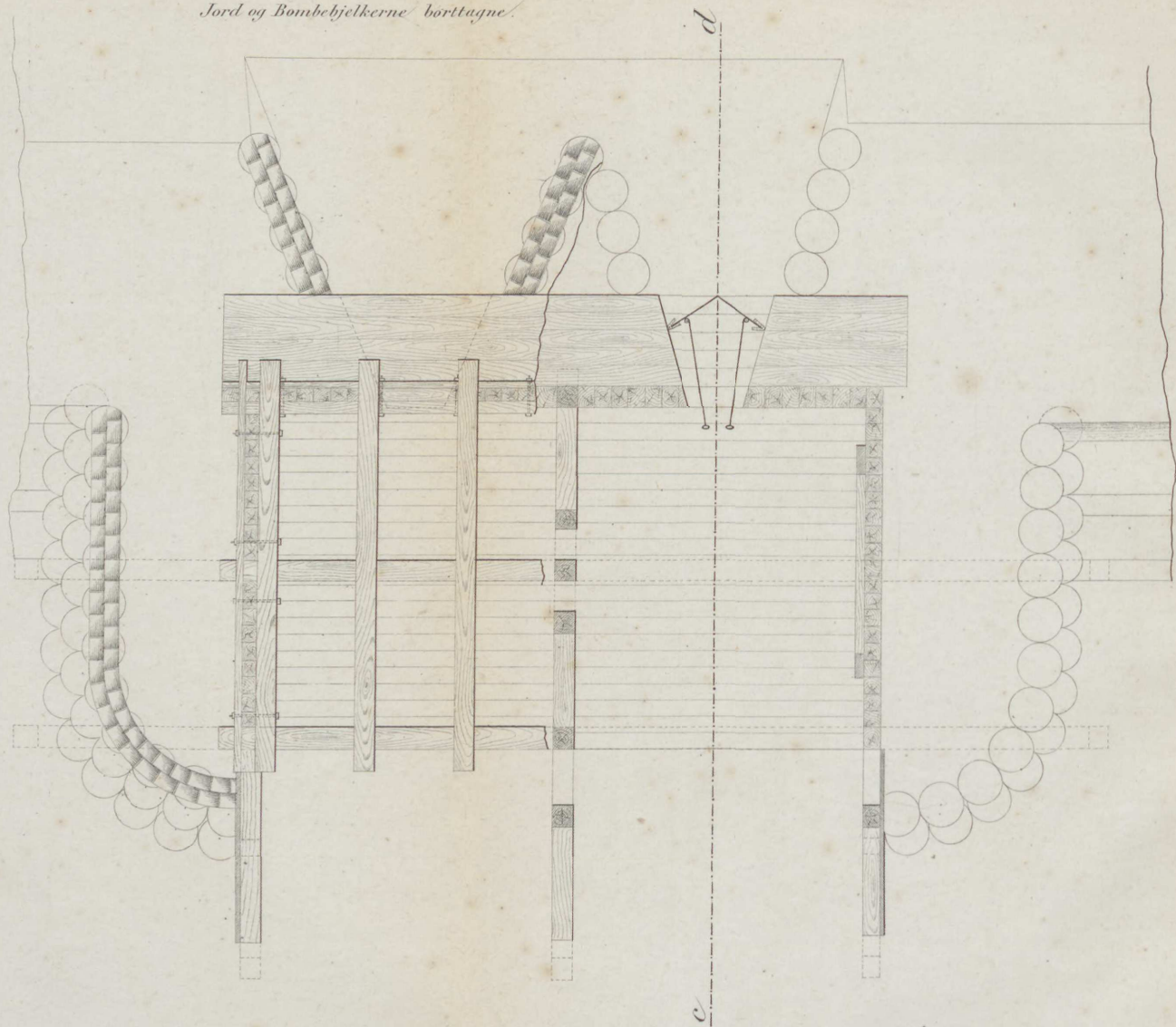




Kanonblendering.

Seet fra Oven
Jord og Bombehjelkerne borttagne.

Snit a b.



1: 400.

10' 0 8 7 6 5 4 3 2 1 0

10

20 Fod.

Kanon for 2

	Stykker.		Tømmer løbende Fod						Planker
	An- tal.	å Fod.	13"/14"	12"/12"	9"/14"	10"/10"	9"/9"	4"/4"	løb. Fod. 3"/9"
Fodstykker	1	31	"	"	"	31	"	"	"
	2	50	"	"	"	100	"	"	"
	3	28	"	"	"	84	"	"	"
Forsiden. Stolper	32	9	"	"	"	288	"	"	"
do. under Skyde- skaarene	8	4	"	"	"	32	"	"	"
Vexler i Skydeskaar.	4	3½	"	"	"	14	"	"	"
Remstykker	2	30	"	"	30	"	30	"	"
Tømmerforstærkning		"	"	264	"	1348	"	"	"
Sidevæggene. Stolper	42	10	"	"	"	420	"	"	"
Remstykker	4	19	"	"	38	"	38	"	"
Skraabaand	4	11	"	"	"	"	"	44	"
Skraastivere	4	13	"	"	"	52	"	"	"
Midtevæggen. Dragerstolper	2	8½	"	17	"	"	"	"	"
Skraabaand	3	11	"	"	"	33	"	"	"
Løftet. Tverdragere	2	30	"	60	"	"	"	"	"
Binderbombebjælker	5	16½	82½	"	"	"	"	"	"
løse Bombebjælker	24	16½	"	396	"	"	"	"	"
Skraastivere bagud	3	13	"	"	"	39	"	"	"
Fløienes Beklædning.									
Stolper	2	5	"	"	"	"	10	"	"
80 □' Beklædning	"	"	"	"	"	"	"	"	110
Bridsken. Underlag	12	16	"	"	"	"	192	"	"
Planker	44	14½	"	"	"	"	"	"	638
Blendporte	"	"	"	"	"	"	"	"	"
Summa	"	"	82½	737	68	1093	1550	68	792

Paa Grundtegningen er viist et Skydeskaar til 45 Graders Side-
retning og et til 30 Graders. For at kunne give 45° Sideretning med
lave Affutager er Slæden erstattet ved en Styrebjælke, hvis Omdreining
kan skee om 3 forskellige Centre, saaledes at Omdreiningen om Midte-
centret giver 15° Sideretning til hver Side af Normalen, og Dreiningen
om hvert af de andre Punkter fra Normalen og indtil 22½° til den
ene Side. Skydeskaaret er indrettet til at der i Normalstilling kan
gives indtil 10° Elevation og 5° Plongering. Paa Planen over Brid-
skerne sees tillige de Indsnit, som det er nødvendigt at gjøre i Front-

Kanon.

væggens Inderside for Rapperthjulene, naar der skal gives indtil 45^o Sideretning. Pladsen for Omdreiningcentrene bør indconstrueres paa Bidsken, udbores og omgives med et tyndt indlagt Blik. Det er hensigtsmæssigt at indtegne paa Bidsken med sorte Streger, de Retninger efter hvilke Omvexling fra det ene Omdreiningspunkt til det andet kan skee. Hullerne bør have 13⁴ i Diameter.

Naar Tiden tillader det, anbefales, det at danne Blenderingens Forside af Beton.

En Glødeovn.

	Maur- steen.		Steen- skjærver Cbfd.	Portland Cement. Tdr.	Steen. kalk. Tdr.	Sand. Tdr.	Ildfast Leer. Tdr.	Støbe- jerns- Døre.		Støbe- jerns	
	ildfaste	Mopper						runde	flir- kantet	Rist	Snegl i Røg- kanalen
Naar Ovnens op- mures	2000	8000	"	"	8	72	6	1	3	1	1
Naar Ovnens dan- nes af Beton	"	"	600	100	"	300	"	1	3	1	1

Ovnens kan opmures af 4 Muursvende og 2 Arbeidsmænd i 10 Dage; den kan opføres af Beton af 2 Brigader à 8 Mand i 4 Dage.

Istedetfor Steenkalken kan anvendes Portland Cement, og bruges da heraf 24 Tdr.

Af Redskaber behøves:

Et lige Spid til at omrøre og lette Kuglerne.

Et Spid med Krog paa Enden for dermed at rense Stængerne eller Risten for Affald og Aske, som ellers letteligen dæmper Trækket. Dette Spid anvendes bedst nedenfra.

Tænger eller Kløer, efter Kuglernes Størrelse, til at indlægge og udtage Kuglerne.

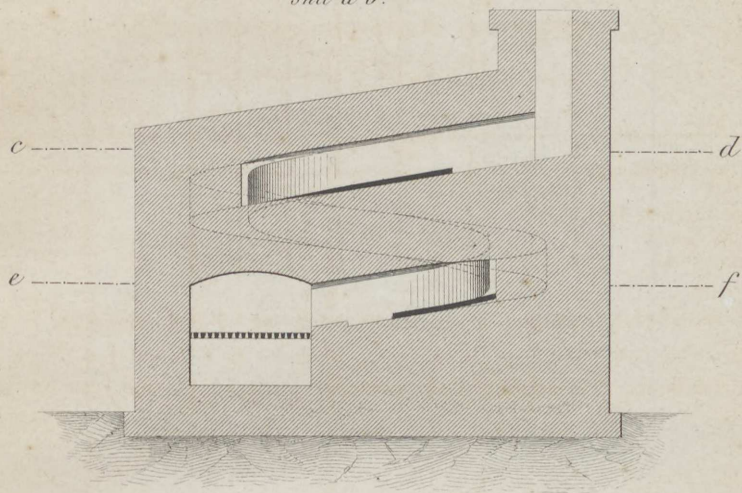
To til tre Skrabere, til at rense Kuglerne for Skjæl og Aske, hvorved de lægges paa en lille Jernrist eller paa sammenlagte Stene.

En Jernblikkasse med Laag og Bærestænger til hver to til tre Kanoner, for at bære de gloende Kugler til Batteriet, at de ere ved Haanden, hvor der skydes hurtigt, eller for deri at lægge Kuglerne, naar flere blive gloende, end der øjeblikkeligen kan bruges.

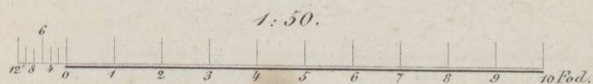
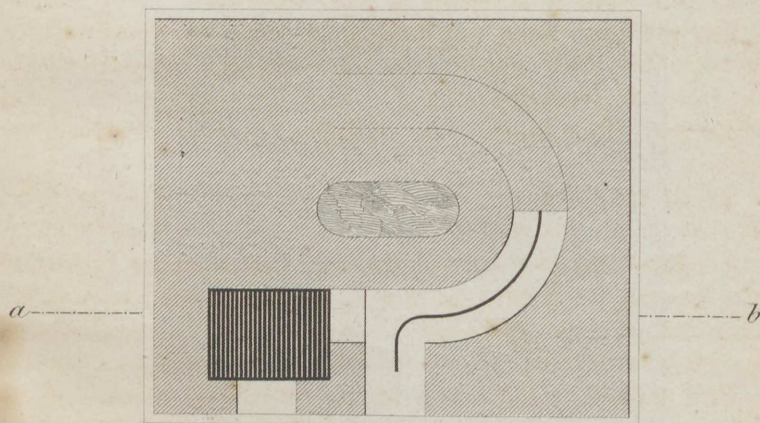
Et Vandkar med Svaber, for at kunne afkøle Redskaberne og for at kunne befordre Forbrændingen af Kullene ved Overstækning.

Glödcovn.

Snit a b.

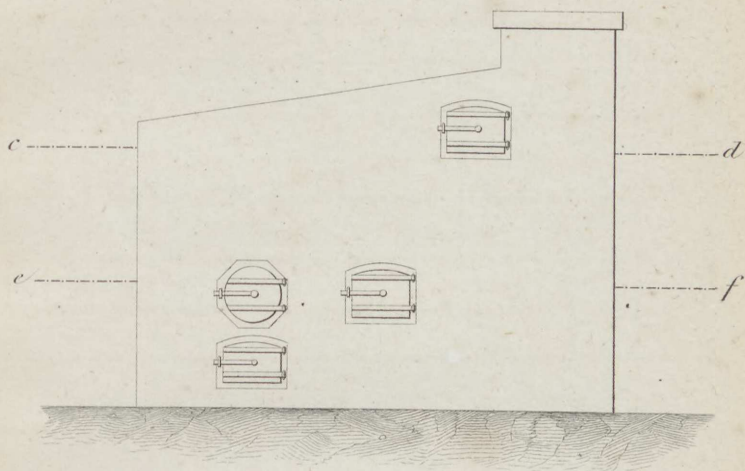


Snit e f.

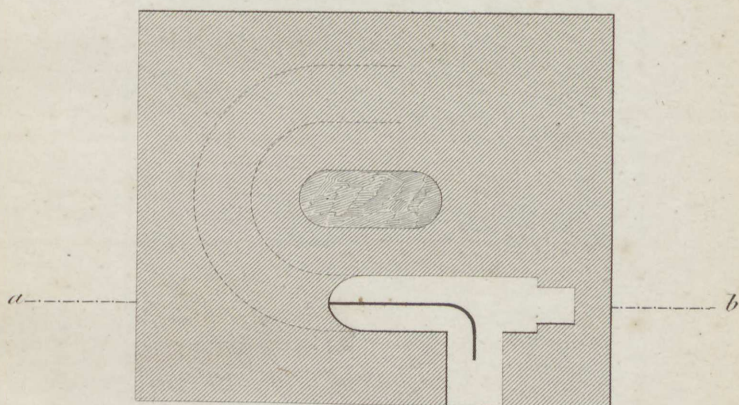


Glödeovn.

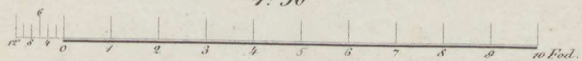
Sect förfra .



Snit c d .



1: 50



Et Brohoved. 40 Fod bredt, 86
dylden 12 Fod; med 2 indbyg-

Sliddække	"	"	"	"	"	"	"	50	"	"	"	"	"	"	"	"	"	"	6250		
Rækværks Hammer	12	5	"	"	"	240	"	"	"	"	"	"	"	"	"	"	"	"	"		
Stolper	12	5	"	"	"	60	"	"	"	"	"	"	"	"	"	"	"	48	"		
4 Duc d'Albaer. Pæle	12	30	"	360	"	"	"	"	"	"	"	"	12	12	"	"	"	"	"		
Foring	12	10	120	"	"	"	"	"	"	"	"	"	"	"	"	"	"	36	"		
Vaterlister	"	"	"	50	"	"	"	"	"	"	"	"	"	"	"	"	24	"	"		
2 Slæbesteder. Pæle	6	20	"	120	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
do.	6	21	"	126	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
do.	6	22½	"	135	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
Hammer	6	13½	"	81	"	"	"	"	"	"	"	"	6	"	"	"	"	"	"		
do.	4	13½	"	54	"	"	"	"	"	"	"	"	4	"	"	12	"	"	"		
Vaterlister	8	13	"	104	"	"	"	"	"	"	"	"	"	"	"	"	32	"	"		
do.	4	16½	"	66	"	"	"	"	"	"	"	"	"	"	"	"	20	"	"		
Plankedække	"	"	"	"	"	348	"	"	"	"	"	"	"	"	"	"	"	240	"		
Sliddække	"	"	"	"	"	"	"	"	6	"	"	"	"	"	"	"	"	"	600		
Revler	"	"	"	"	"	"	"	"	"	348	"	"	"	"	"	"	"	"	350		
Summa			1038	3395	912	300	348	35	50	6	348	15	28	12	12	24	78	84	116	4524	7200

Et stort Slæbested paa Siden
af Broen paa 12 Fod Vand.

Pæle	3	23	"	69	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	4	20	"	80	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	4	21	"	84	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	4	22 $\frac{1}{2}$	"	90	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Hammer	4	17 $\frac{1}{2}$	"	70	"	"	"	"	"	"	"	"	4	"	"	"	4	"	"	"	"	"
	1	17 $\frac{1}{2}$	"	"	17 $\frac{1}{2}$	"	"	"	"	"	"	"	1	"	"	"	1	"	"	"	"	"
Vaterlist	5	16 $\frac{1}{2}$	"	"	82 $\frac{1}{2}$	"	"	"	"	"	"	"	"	"	"	"	"	20	"	"	"	"
	2	16 $\frac{1}{2}$	"	"	33	"	"	"	"	"	"	"	"	"	"	"	"	10	"	"	"	"
Plankedække	16	15	"	"	"	"	240	"	"	"	4	"	"	"	"	"	"	"	160	"	"	"
Sliddække	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	400	"	"
Revler	16	15	"	"	"	"	"	"	"	"	240	"	"	"	"	"	"	"	"	240	"	"
Summa			"	393	133	"	240	"	"	4	240	"	5	"	"	"	5	"	30	160	640	

	Summa		387	133	310	370	30	100	840
Dampskibet Slesvig	3	10							
do. Holger Danske	1	12	- 170	-	- 28½	-	-	"	"
do. Hekla	1	12	- 159	-	- 27	-	-	"	"
do. Geiser	1	33	- 150	-	- 26	-	-	"	"
do. Eideren	1	30	- 153	-	- 23	-	-	"	"
do. Jylland	1	33	- 165	-	- 23	-	-	"	"
Skruecorvetten Thor			- 160	-	- 30	-	-	"	"

er 172 Fod langt, 25½ Fod bredt (ikke over Hjulkasserne).

do. Holger Danske - 170 - - 28½ - -

do. Hekla - 159 - - 27 - -

do. Geiser - 150 - - 26 - -

do. Eideren - 153 - - 23 - -

do. Jylland - 165 - - 23 - -

Skruecorvetten Thor - 160 - - 30 - -

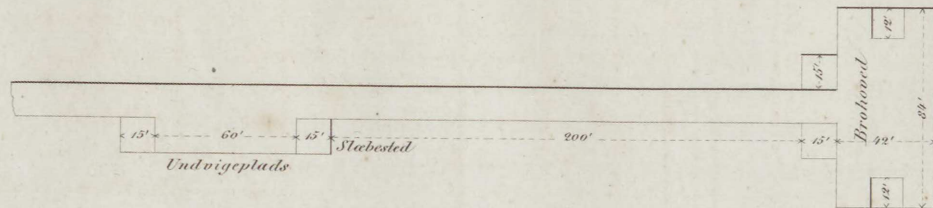
En Jerntransportbaad er 85 Fod lang, 16¼ Fod bred.

En Transportchaloupe (ældre Kanonbaad) er 64½ Fod lang, 14¼ Fod bred.

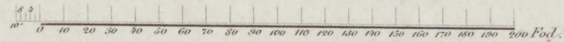
Dybtgaaende af en Jerntransportbaad, lastet, er 2' 5"; Overkanten af dens Agterports Underdeel er da 2' 9" over Vandet. Den med Baaden følgende Landingsbro er 16' lang.

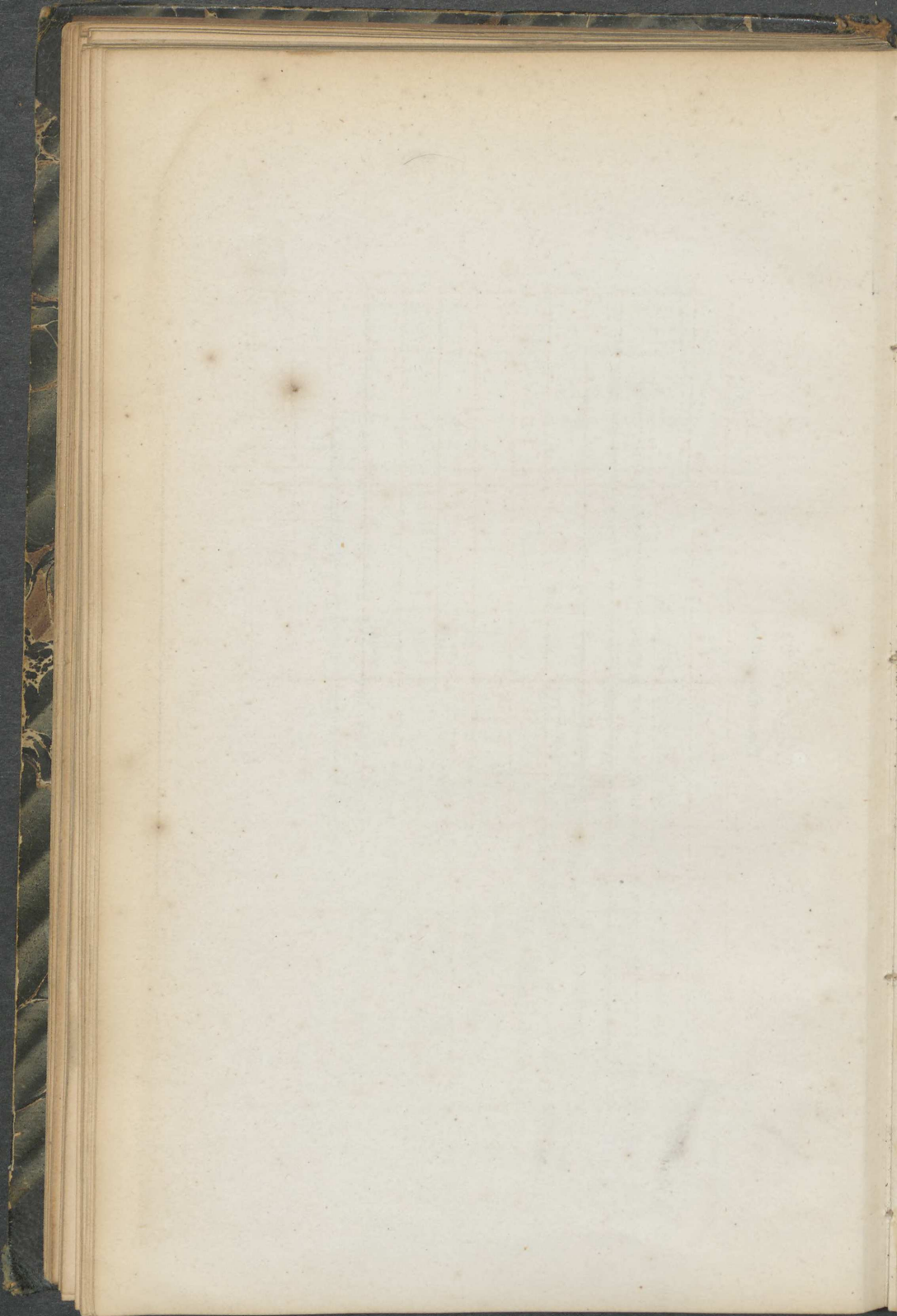
Dybtgaaende af en lastet Transportchaloupe er 3' 8".

Landingsbro.



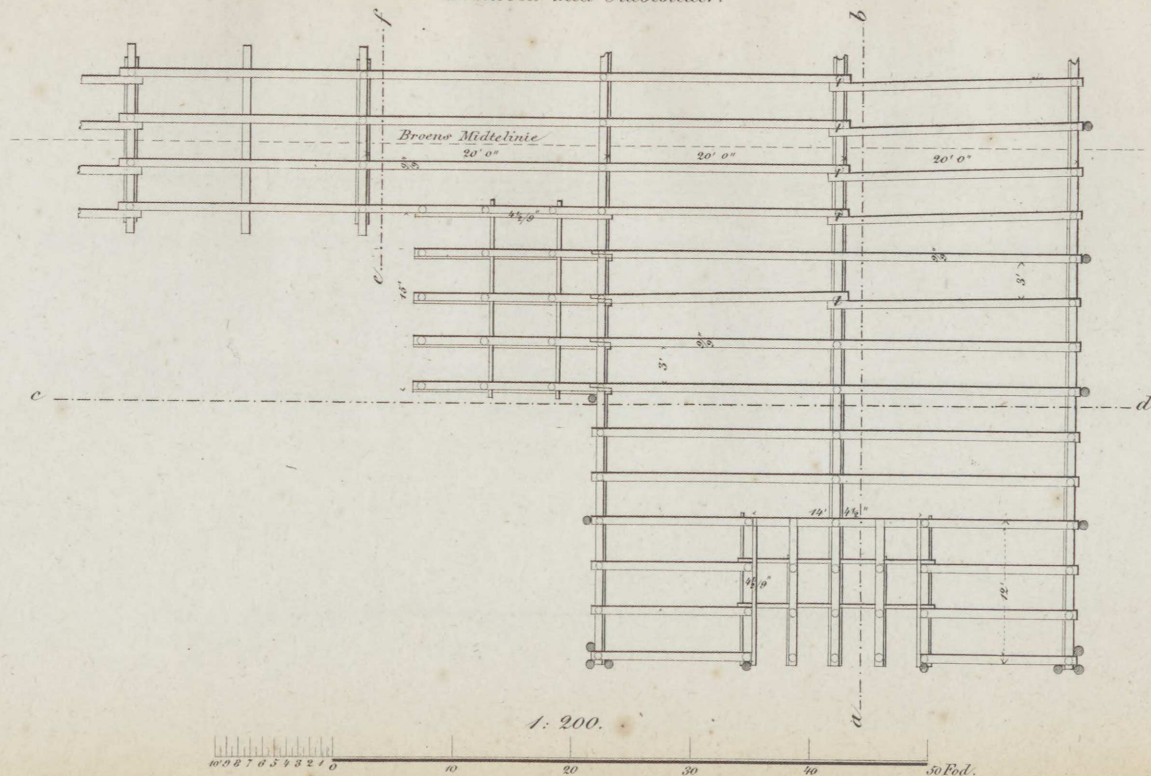
1: 1000.





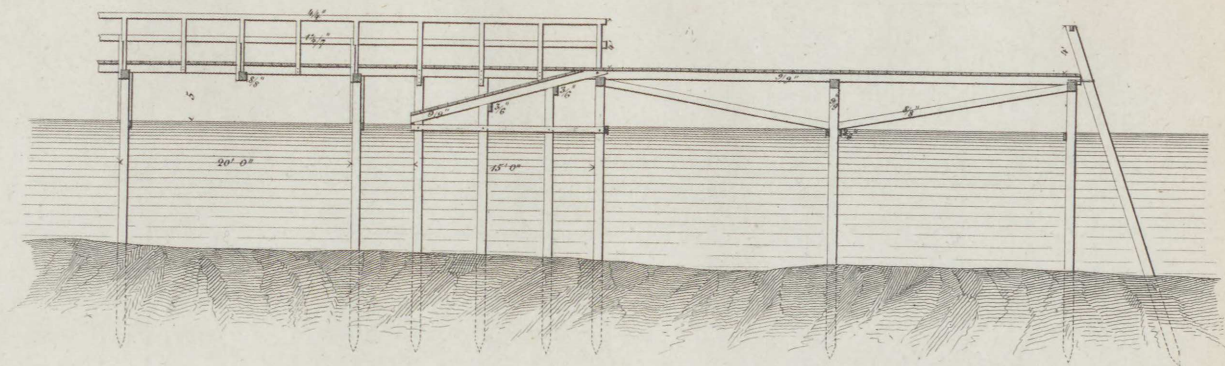
En Landingsbro.

Brohoved med Slæbesteder.

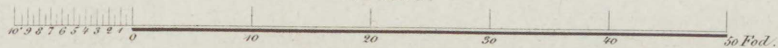


En Landingsbro.

Snit c d.

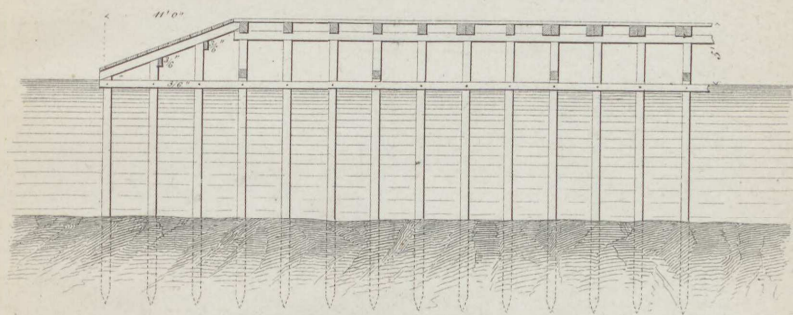


1: 200.

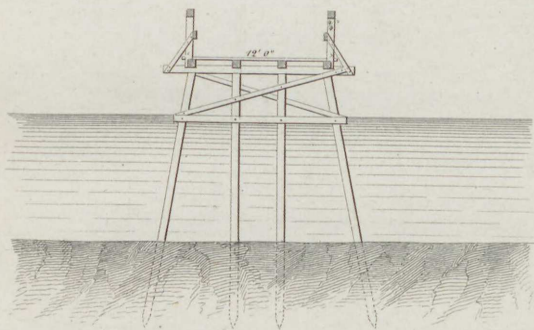


En Landingsbro.

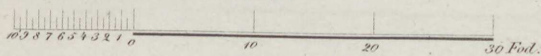
Snit a b .



Snit e f .

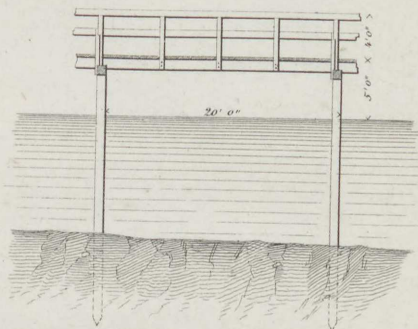


1: 200.

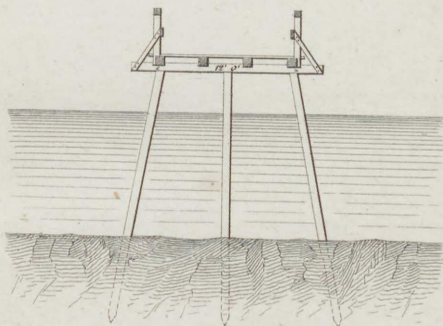


Profil til en let Landingsbro.

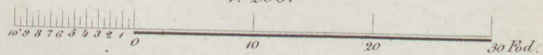
Længdesnit.

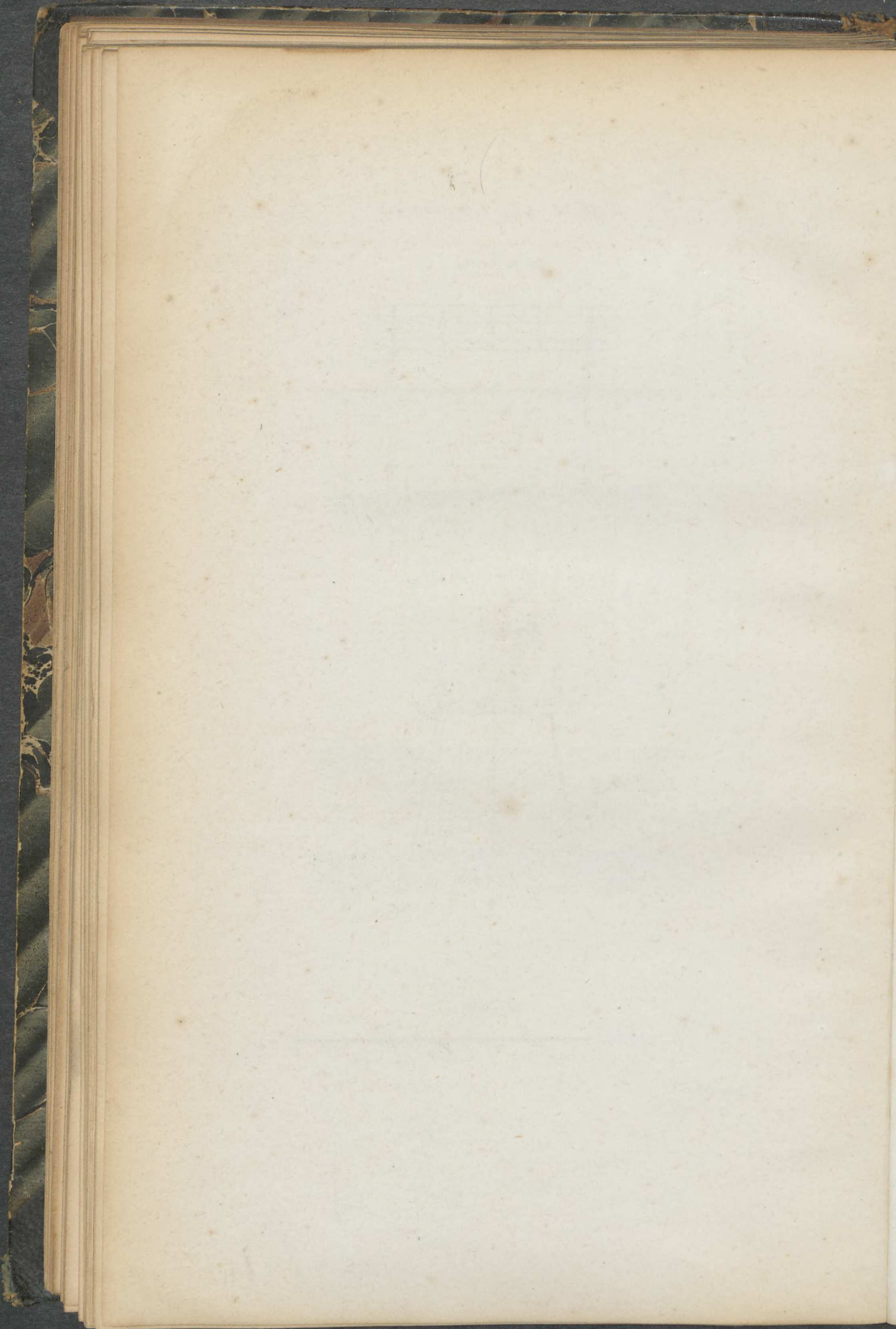


Tverrsnit.



1: 200.





	Muur- steen ordin.	Muur- steen ildfaste.	Kampe- steen. Cbfv.	Steen- kalk. Tdr.	Ildfast Leer. Tdr.	Sand. Tdr.
Ringmuren til Bjælkernes Overkant	15000	"	" $2\frac{1}{2}$	15	"	120
Opfyldning under Herden	"	"	"	" $\frac{1}{2}$	"	"
Et Skifte under Herden	500	"	"	"	" $1\frac{3}{4}$	"
Herden	"	400	"	"	"	"
Ringmuren i Bagerovnen	"	1000	"	"	4	"
Hvælvingen	"	1000	"	"	4	"
Røgkanalerne	"	800	"	"	3 $\frac{1}{4}$	"
Askegraven og ved Døren	"	300	"	"	1 $\frac{1}{2}$	"
Over Hvælvingen og Røgkanalerne	2500	"	"	2 $\frac{1}{2}$	"	10
Skorsteenskappen	300	"	"	"	"	4
Summa	18300	3500	2 $\frac{1}{2}$	18 $\frac{1}{2}$	14 $\frac{1}{2}$	138

Hvis Ovnens ikke anlægges inden i en bestaaende Bygning, maa den forsynes med Tag og bør da under dette tillige findes fornøden Plads til Deigtruge, Meeltønder etc. I Ovnens Nærhed indmures en Vandkjedel.

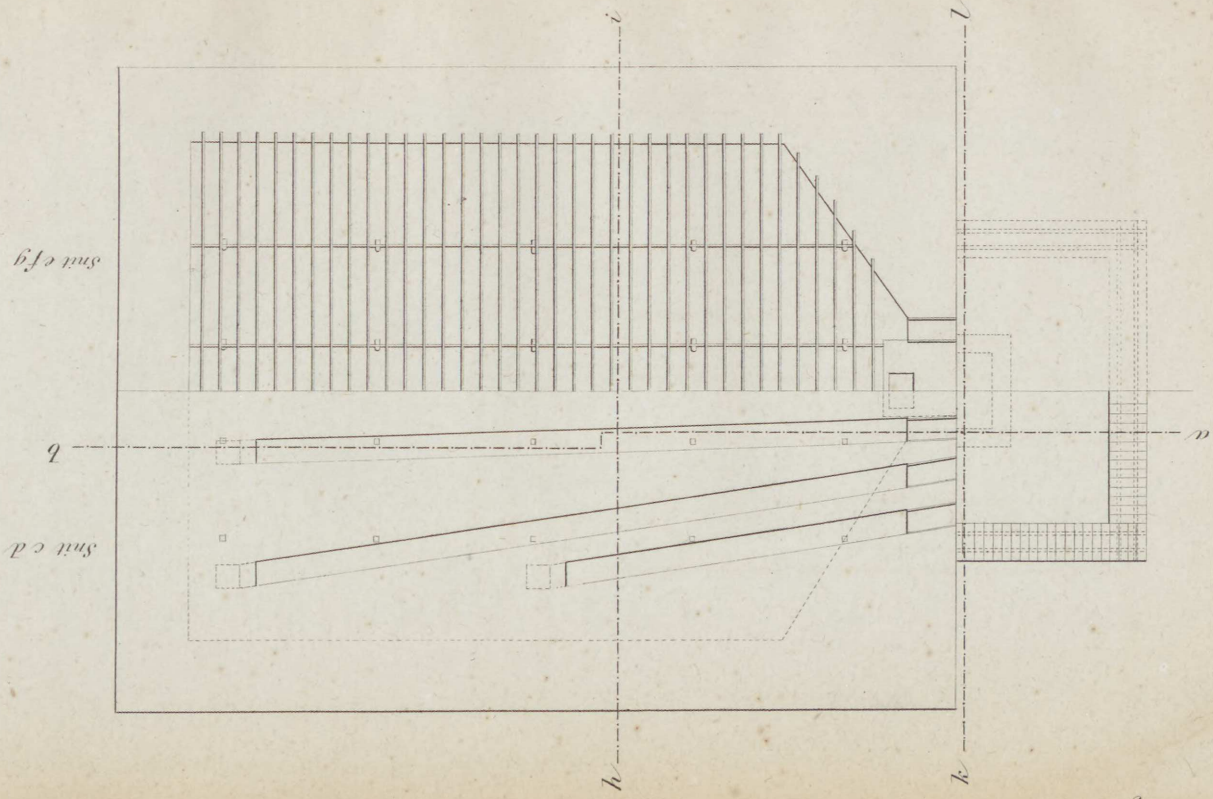
Ovnens kan opføres af 6 Muursvende og 4 Haandlangere i 10 Dage.

geroon.

Jernstænger til			Støbejerns Døre til		Kobber-Kapsler til Trækrør.	Jern- i □ klap.	Skorsteens- Anker.	Tømmer 11½ l 8"/8"
Hæng- jern	Dragere	Bjælker	Aske- graven	Bager- ovnen med Blæshul				
1" □	2½"/½"	2½"/¾"	14" & 10"	2' 8" & 10"				
"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"
20	4	37	"	1	"	"	"	5
"	"	"	"	"	6	"	"	"
"	"	"	1	"	"	"	"	"
"	"	"	"	"	"	"	"	"
2	"	"	"	"	"	1	1	1
22	4	37	1	1	6	1	1	6

Herdens Fladeindhold er omtrent 128 □ Fod; den rummer af
runde 2 Pds. Brød 460 Stk. à 40 □", hvilke, naar Ovnens er varmet,
kunne bages i 1 Time; af Brød af almindelig Form og 2 Pds. Vægt
à 24 □" rummer Ovnens 760 Stk., der udfordre 2 Timer til deres
Bagning.

Bagroom.

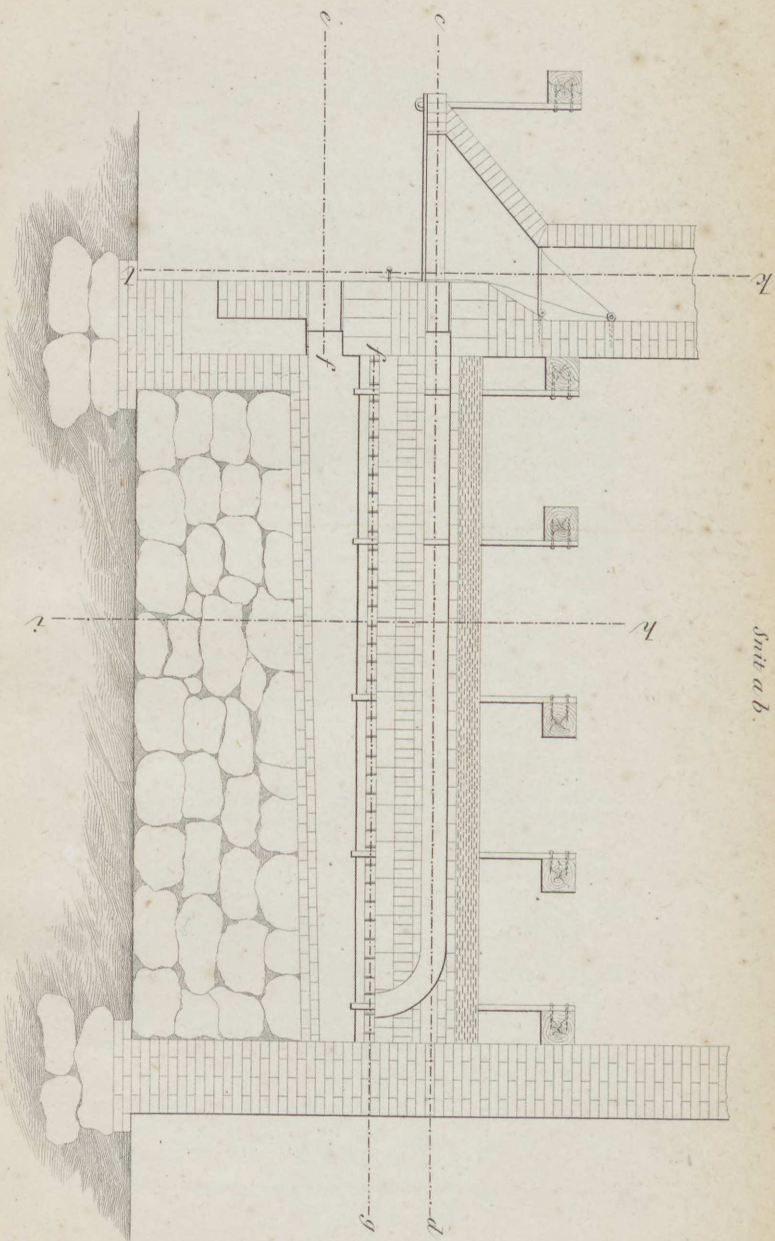


1: 24.

10 Feet.

Bagroom.

South a b.

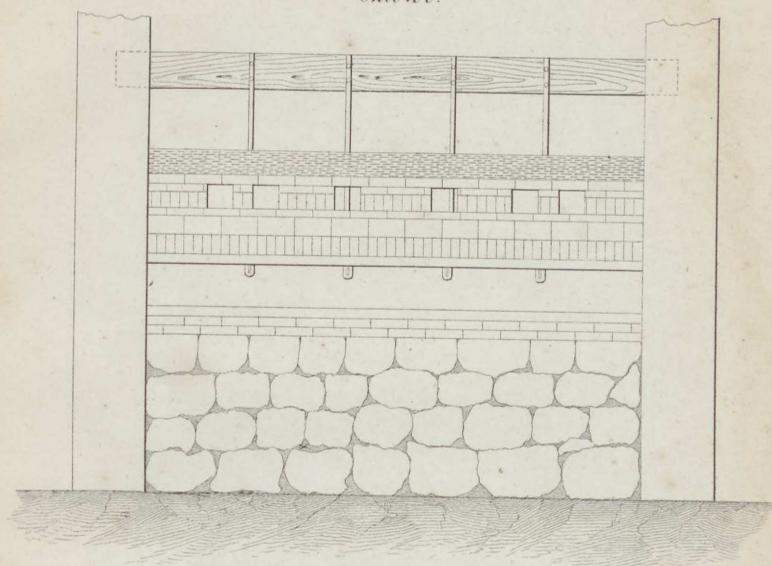


1: 24.

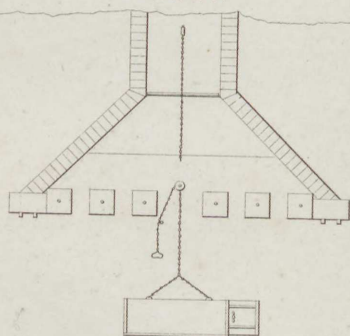
0 1 2 3 4 5 6 7 8 9 10 feet.

Bagerovn.

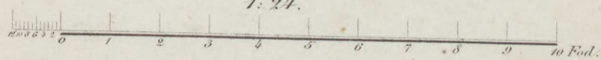
Snit h i.

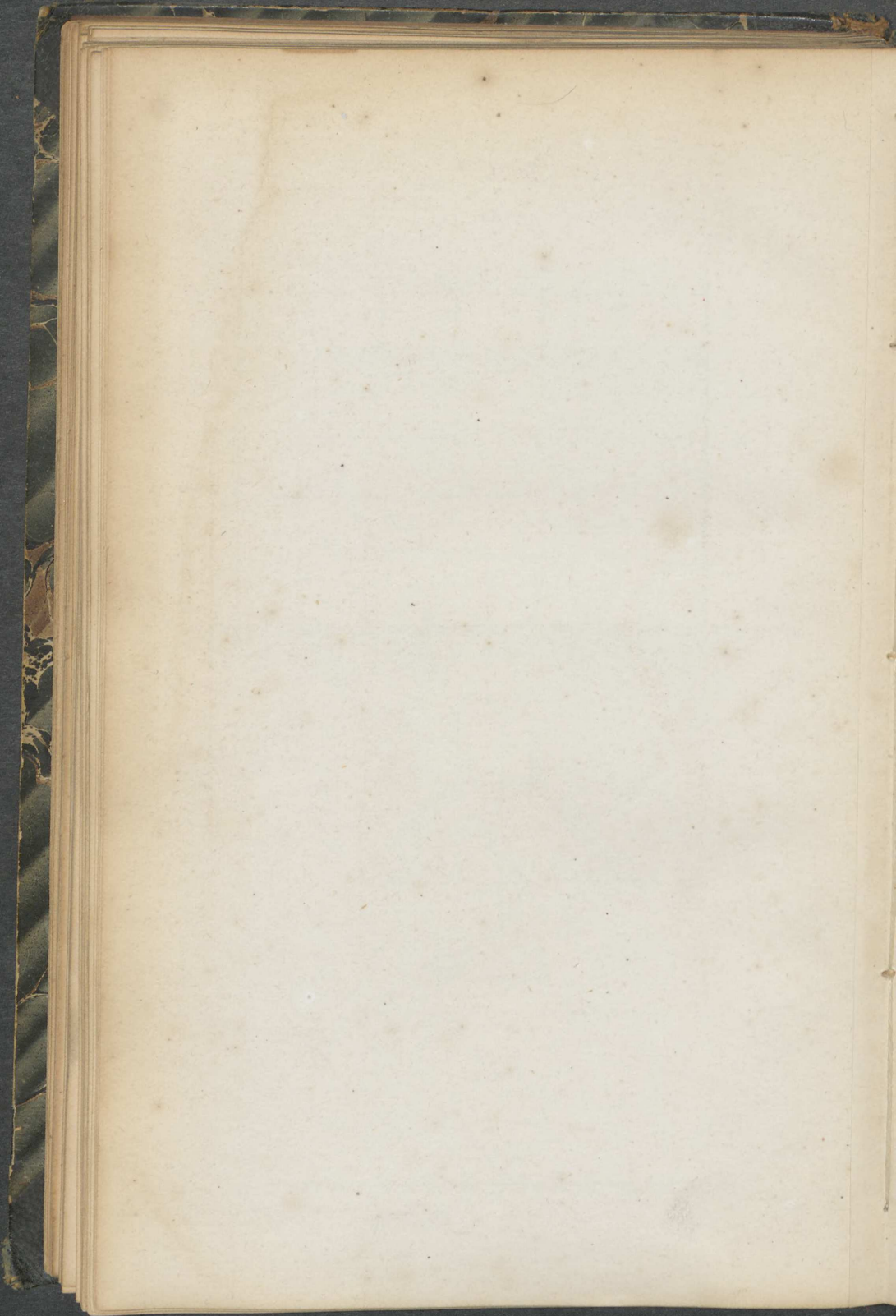


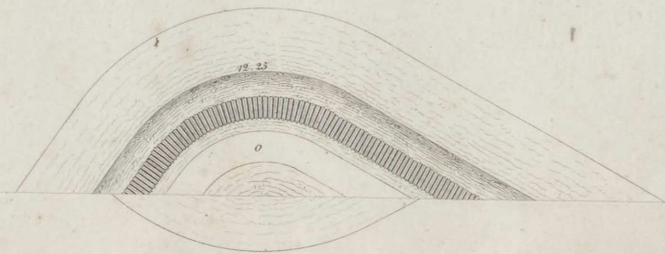
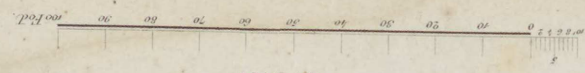
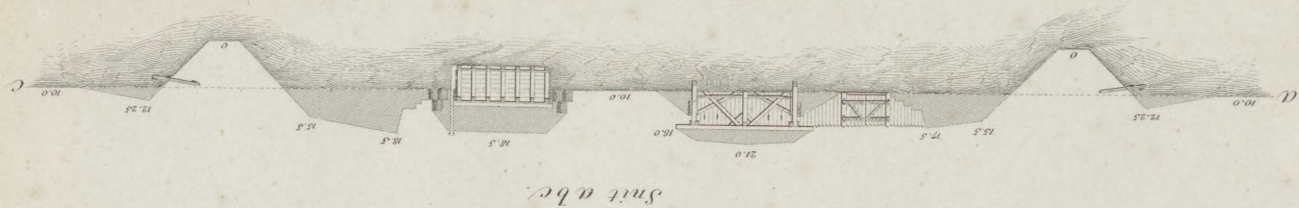
Snit k l.



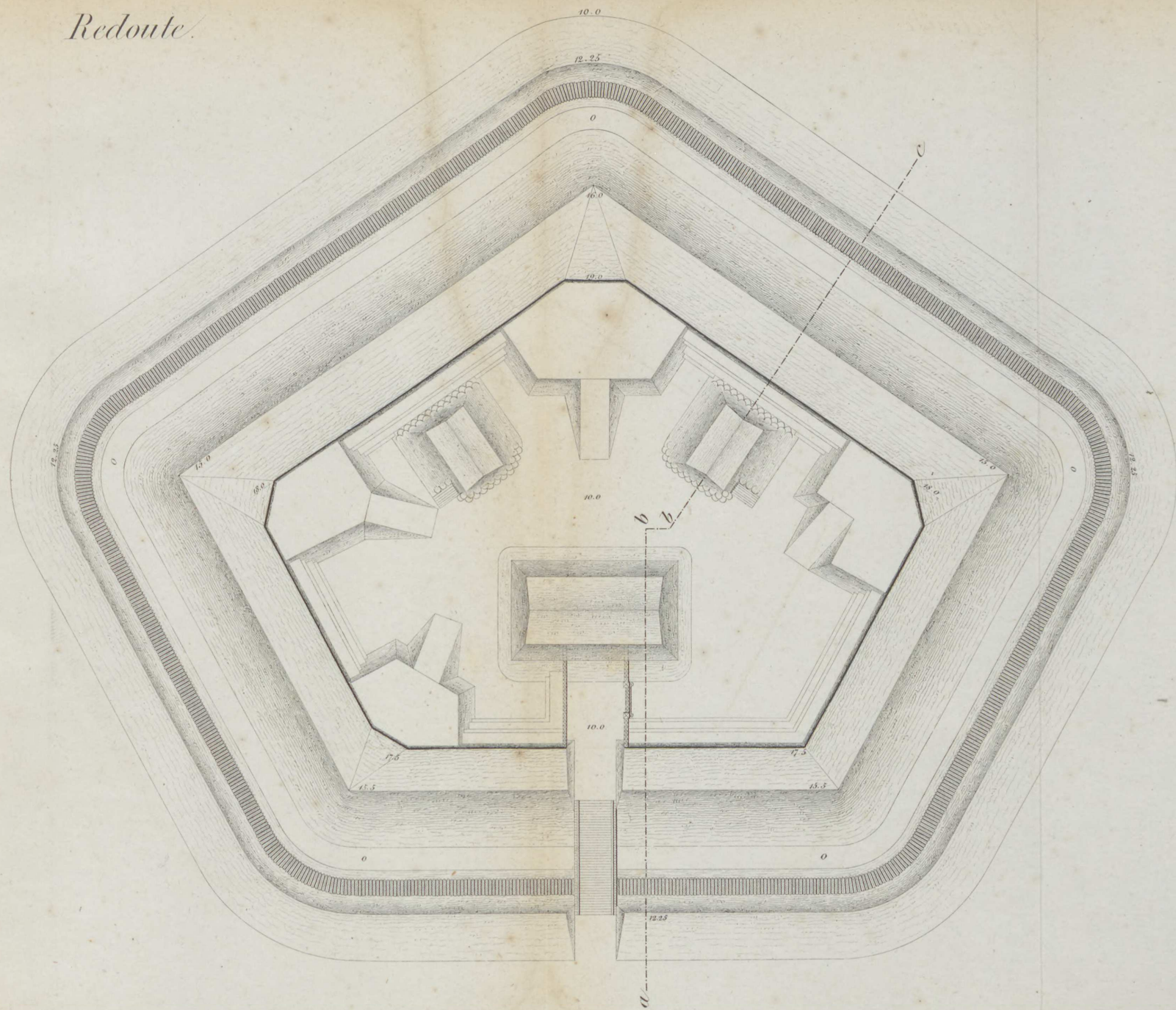
1: 24.



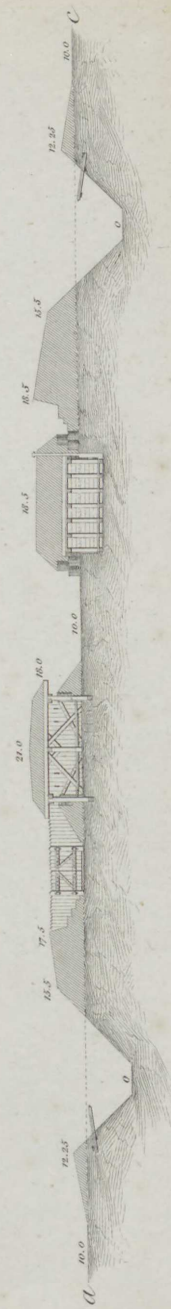




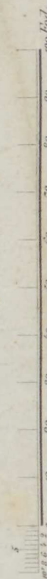
Redoute.



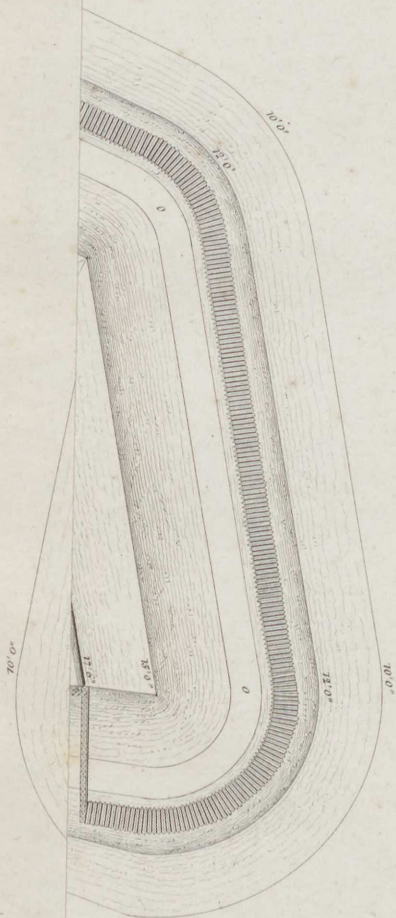
Snit a bc.



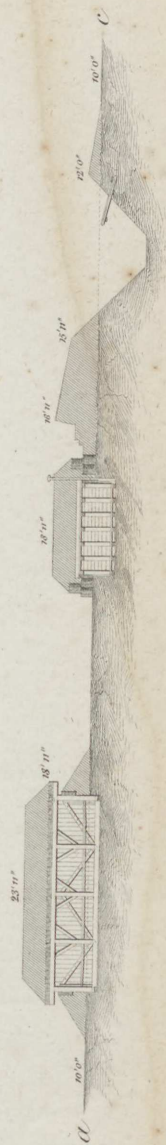
1:500.



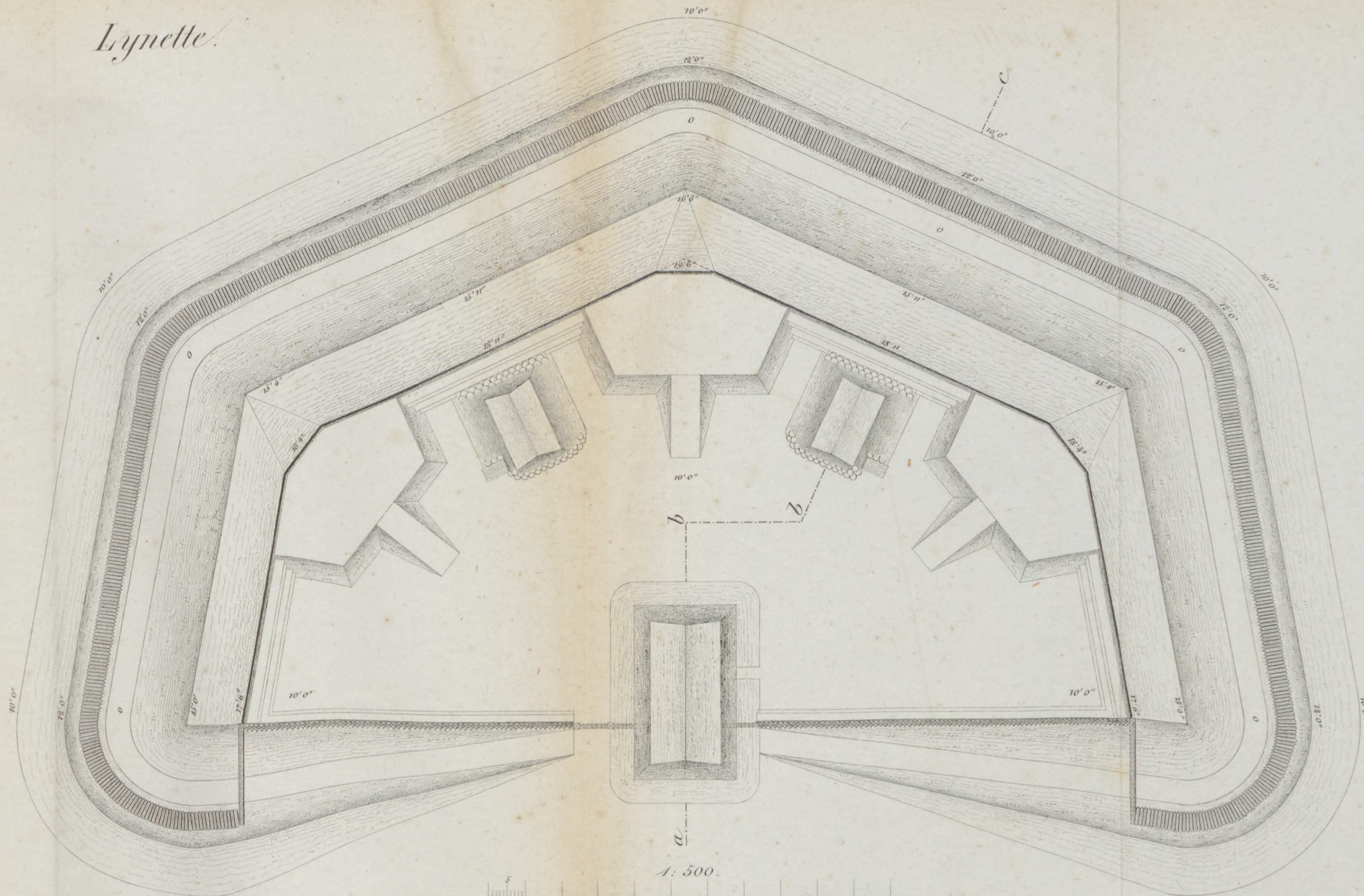




Suit a b c.

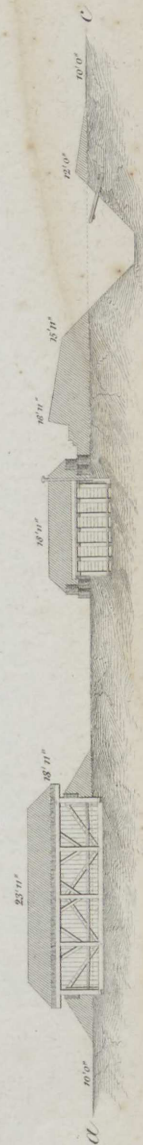


Lynette.



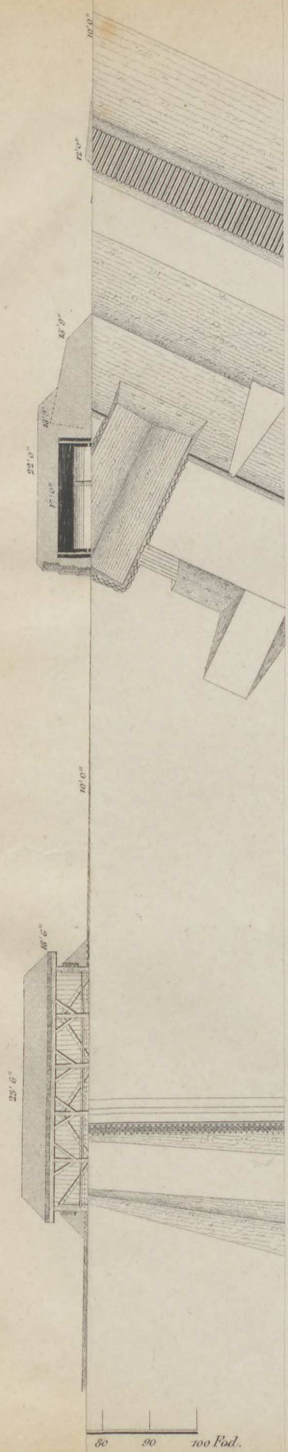
1: 500.
0 10 20 30 40 50 60 70 80 90 100 Feet

Suit a b c.



Dansk Ingeniørforenings
Bogsamling

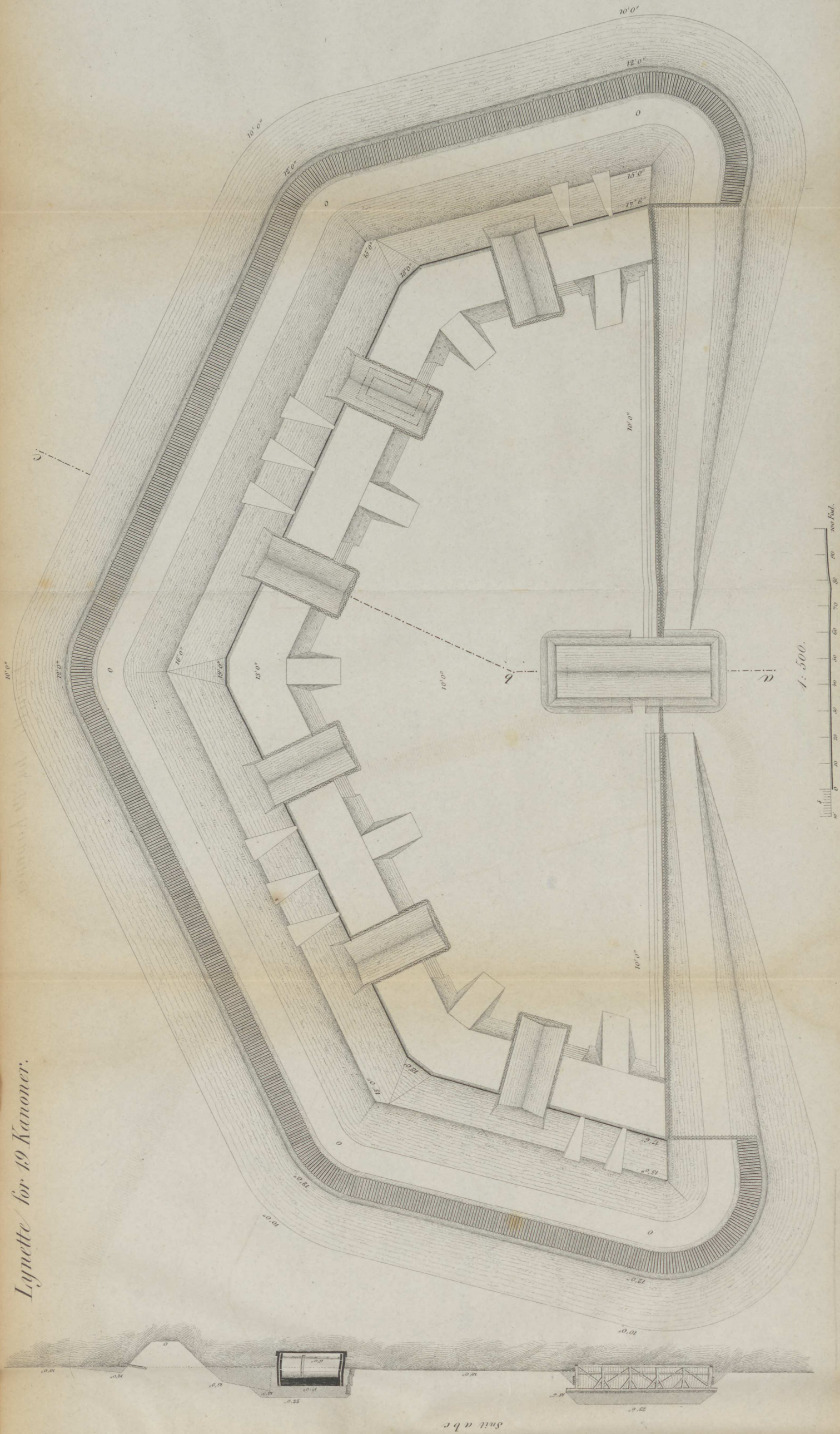
Suit a b c



0 50 100 Pds.

Dansk Ingeniørforenings
Bogsamling

Lynette for 49 Kanoner.



Dansk Ingeniørforenings
Bogsamling

