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Ch. Ambt.

ILLUSTRATIONER

til

Forelæsninger ved polyteknisk Læreanstalt

over

Kloak- og Vandværksanlæg.

1895.

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LÆREANSTALT

PLAN I

Fig: 1.
Alm: Maade at lægge Side-ledninger.

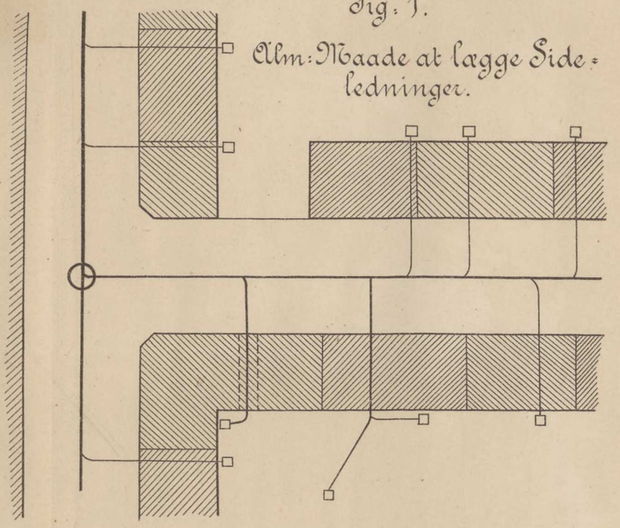


Fig: 2.
Engelsk „back drainage".

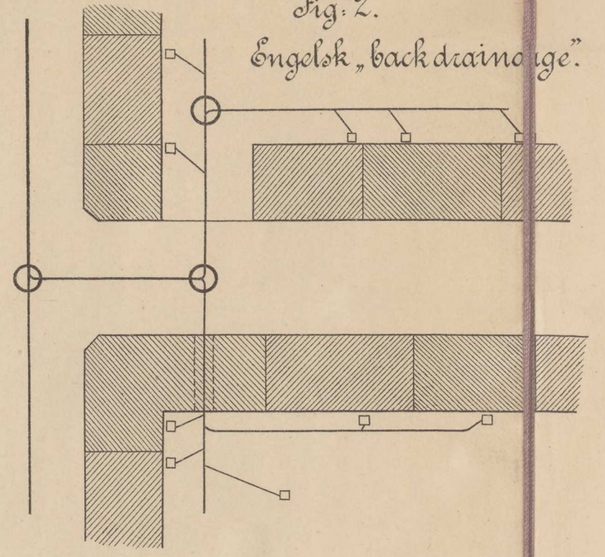


Fig: 10.
Grenrør.

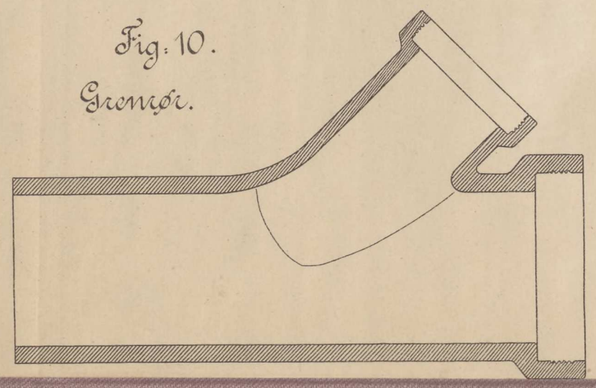
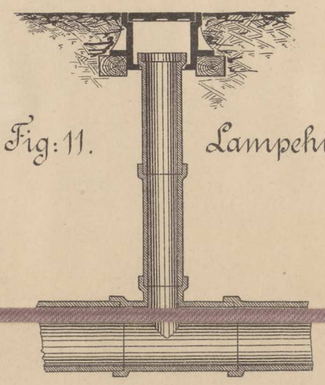


Fig: 11. Lampehul.



Kloakprofiler.

Fig: 3.

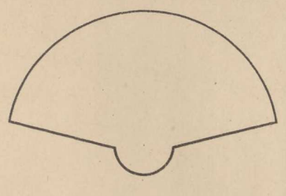


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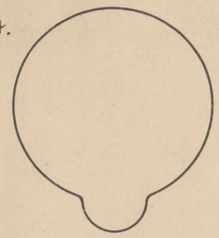


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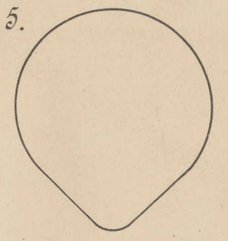


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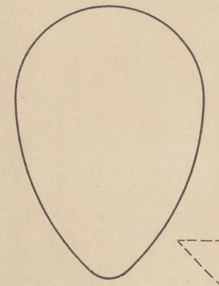


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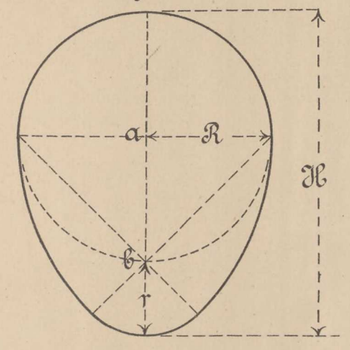


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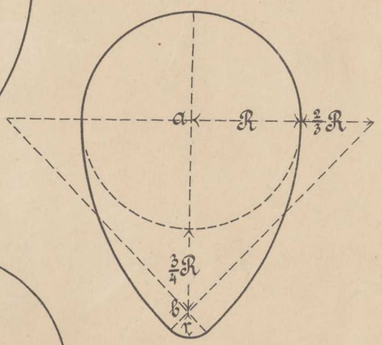


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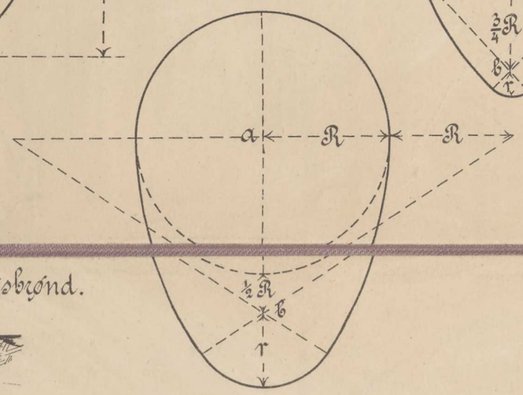


Fig: 13.

Fig: 12.
Ældre Form af Nedgangsbrønd.

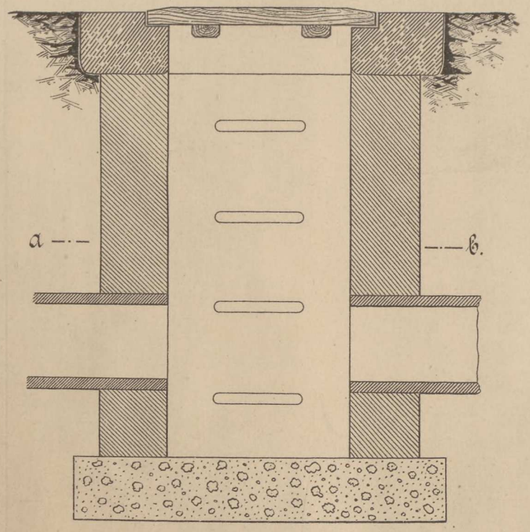
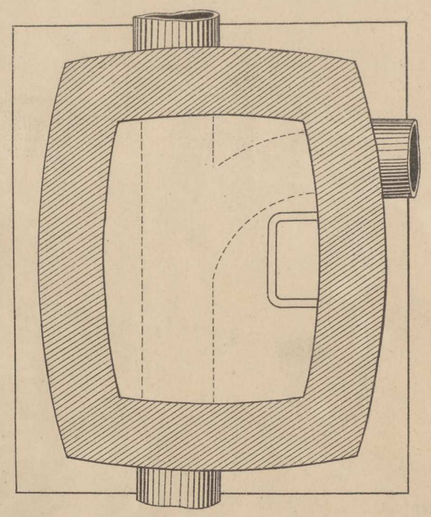


Fig: 12a. Snit a-b.



Nyere Form af Nedgangsbrønd.

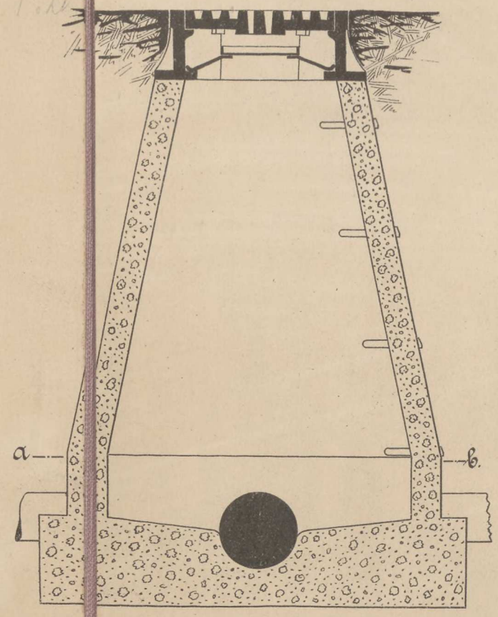
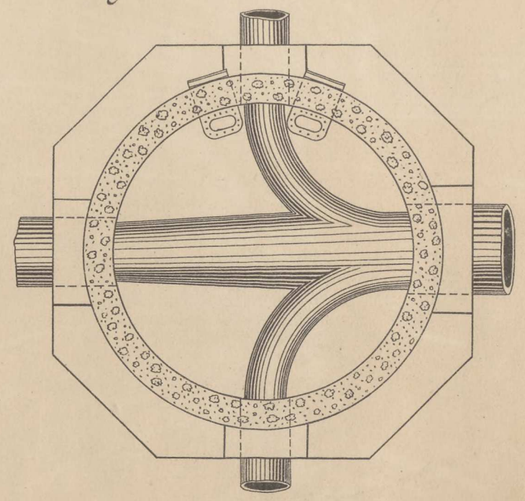


Fig: 13a. Snit a-b.



Axel E. Aamodt. Kjøbenhavn.

Betonledninger.

Fig: 14.

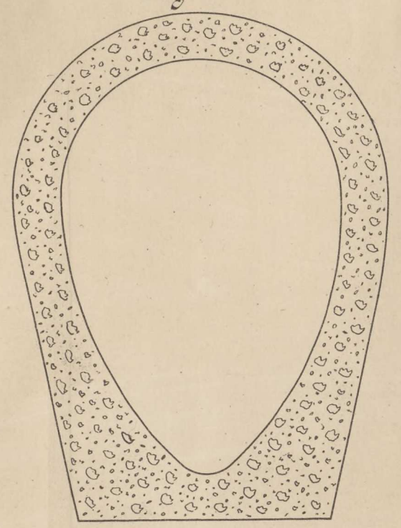


Fig: 18. Ægformig Kloak af Murværk.

Fig: 15.

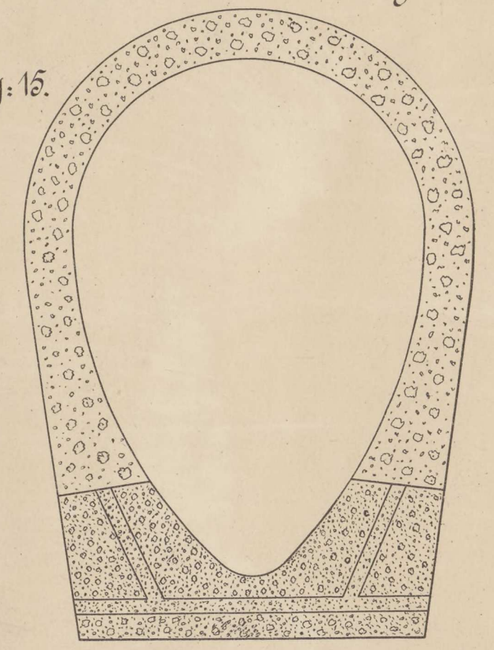


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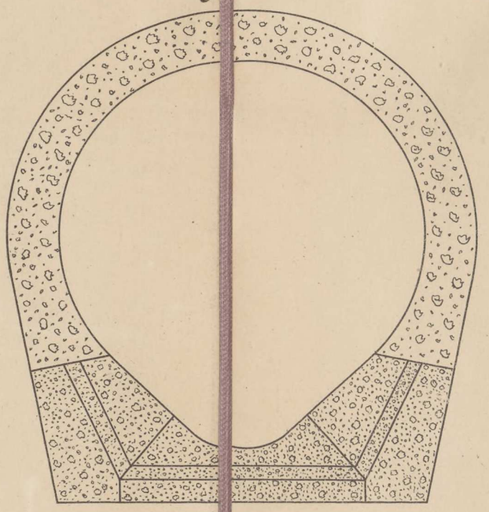


Fig: 22. Exempel paa Halvløsforbandt.

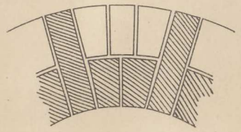


Fig: 17. Falssamlinger

af Betonrør.

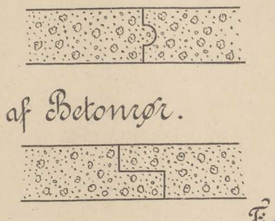


Fig: 26. Lærebue.

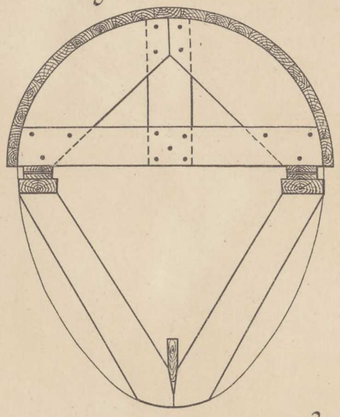


Fig: 24. Kloak med Berliner Fundament i vandførende Sand.

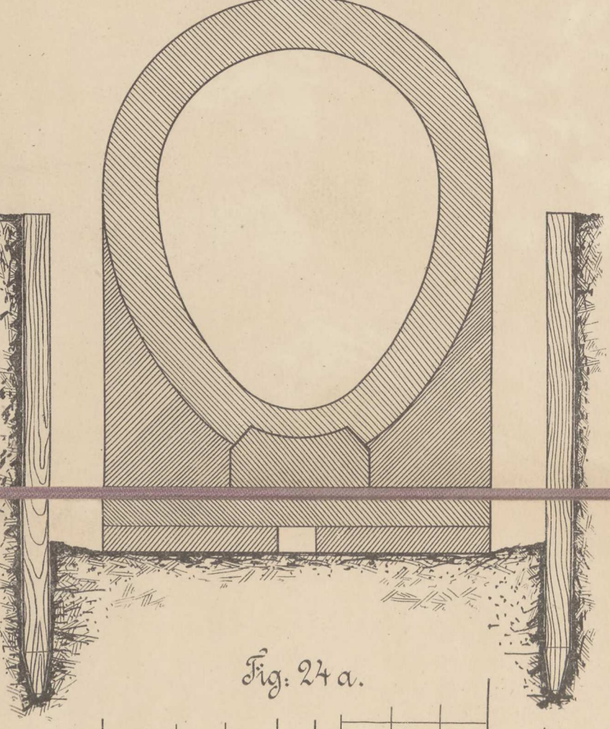


Fig: 24 a.

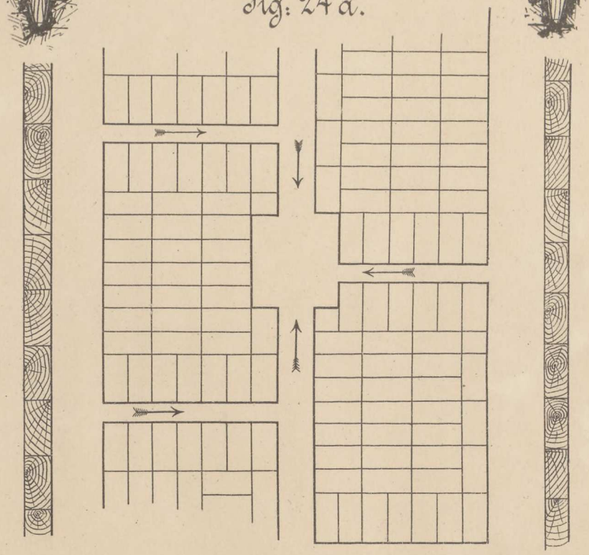


Fig: 20. Lærebue for Bundblokke.

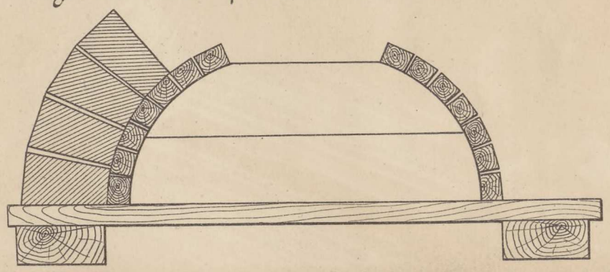


Fig: 19. Konstruction af muret Bund.

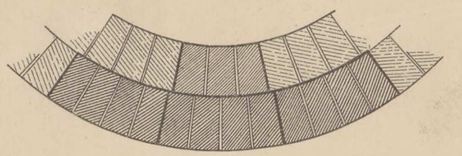


Fig: 27. Ægestensformig Kloak.

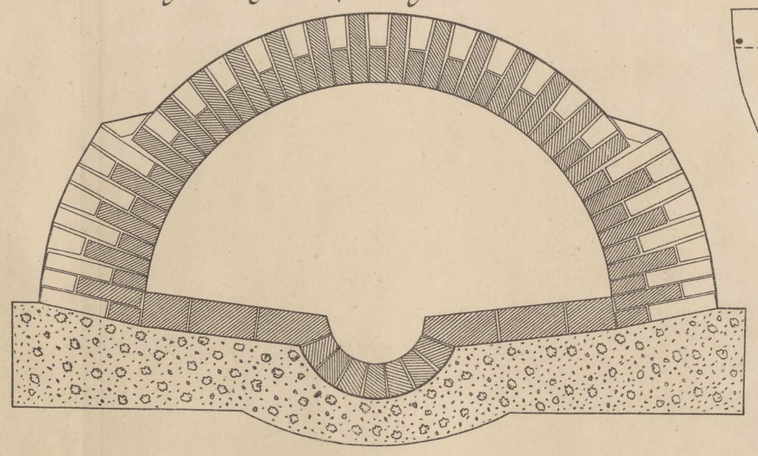


Fig: 25. Skabelon.

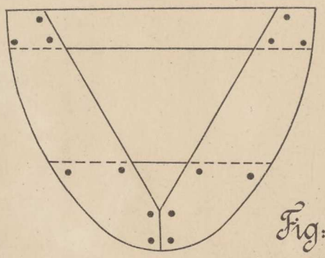


Fig: 23a.
Berliner-Bundblok.

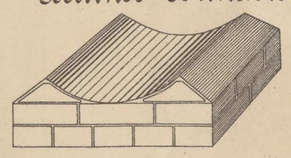


Fig: 21. Bundblokke af

glaceret Ler.

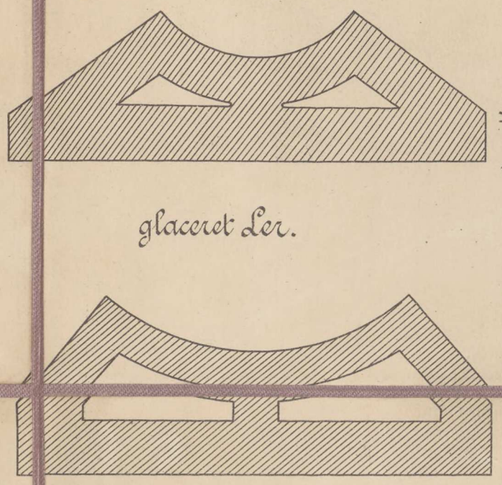
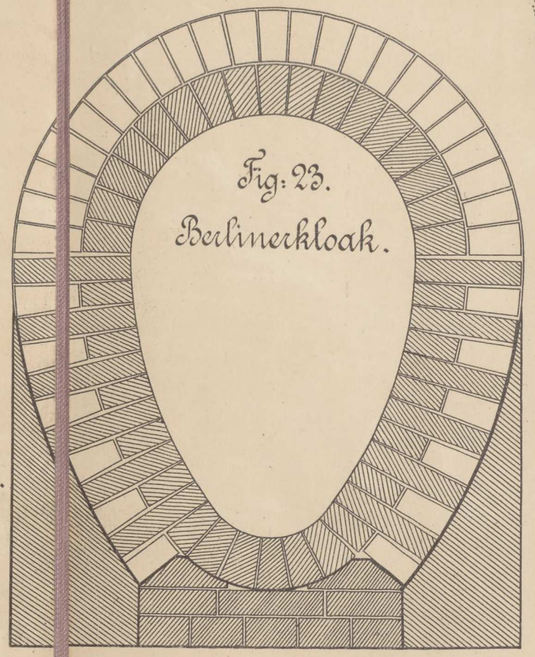


Fig: 23.
Berlinerkloak.



Axel E. Aamodt, Kjøbenhavn.

PLAN III

Fig. 28. Gjestens f: Kloak paa Pæleværk.

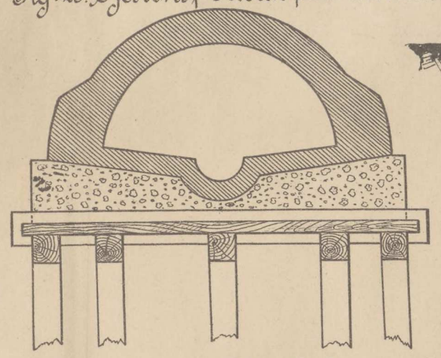
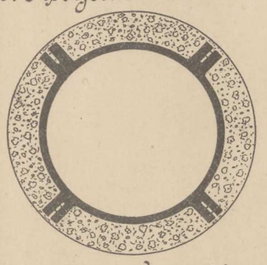


Fig. 29. Støbejerns Kloak i Beton. (London).



Afstivninger af Udgravninger for Ledninger (Fig 30-34).

Fig. 30.

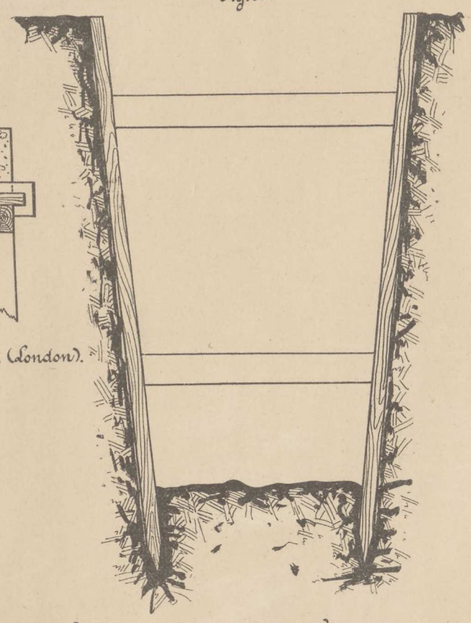


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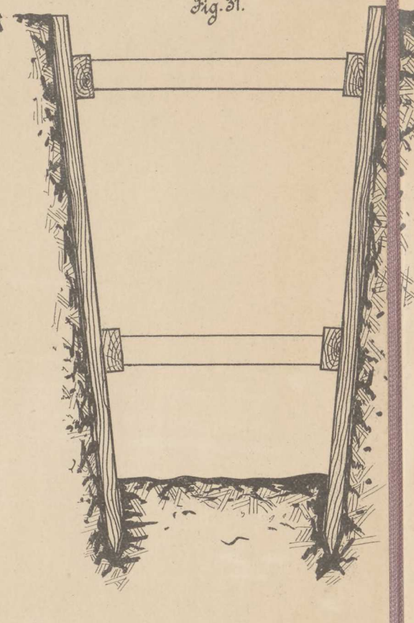


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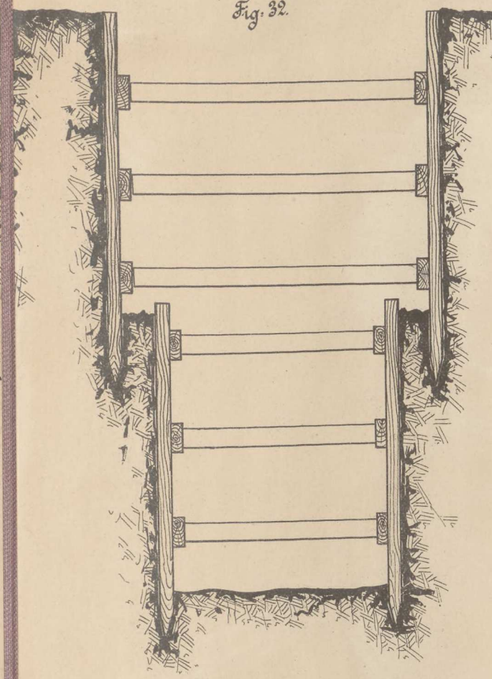


Fig. 33.

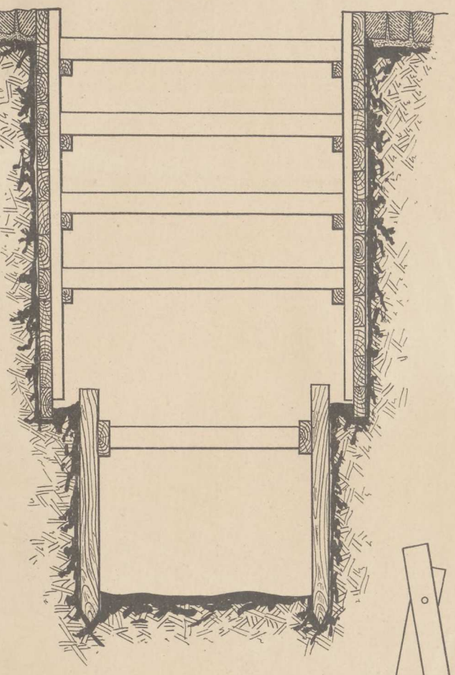


Fig. 34.

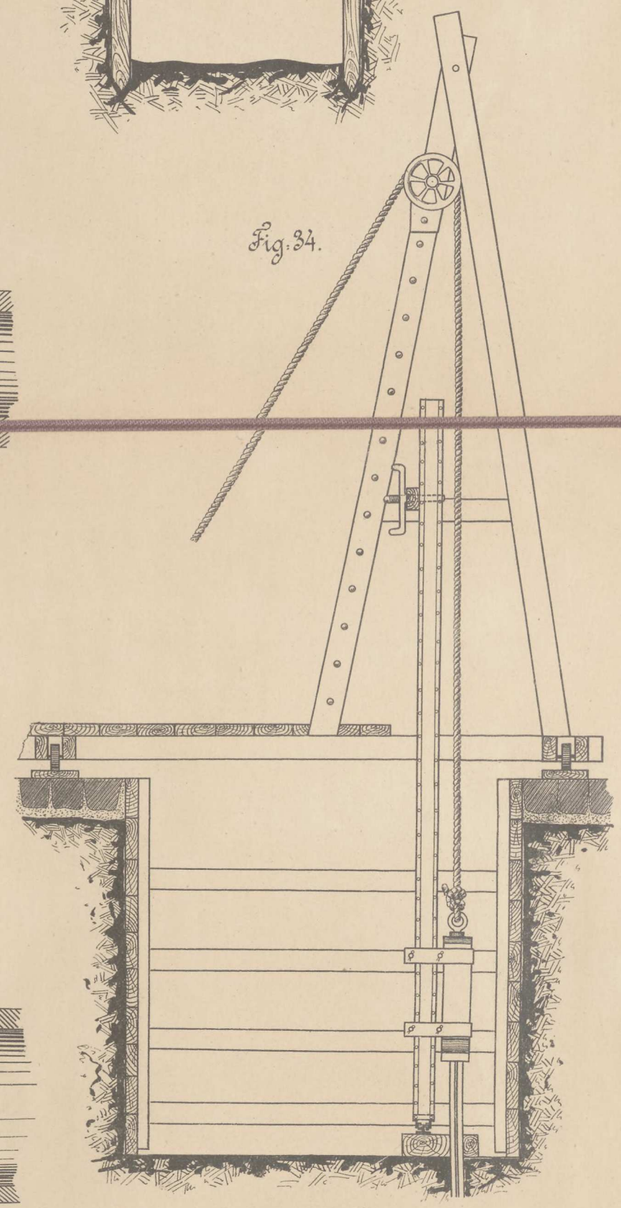


Fig. 35. Tunnellering med Træramme.

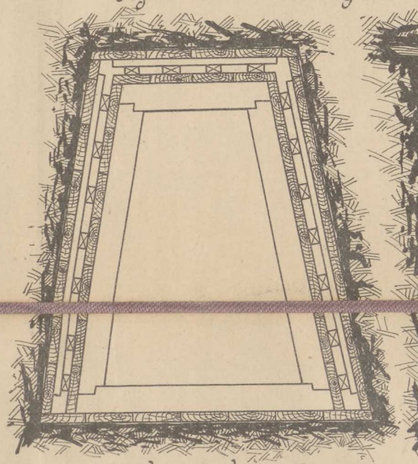


Fig. 35a.

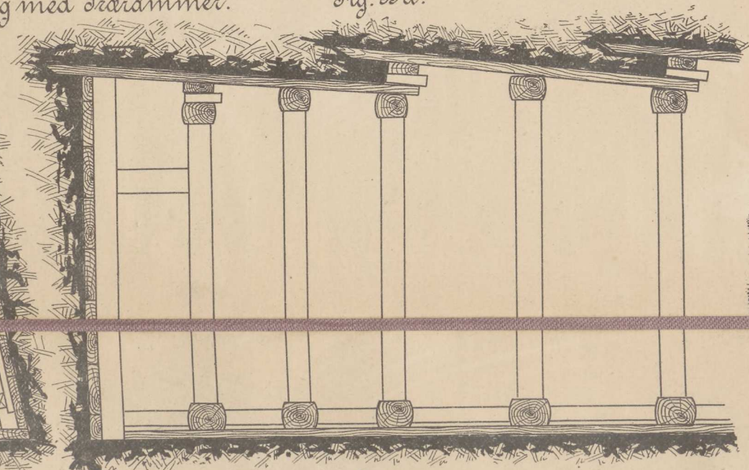


Fig. 36. Tunnellering med Jernramme.

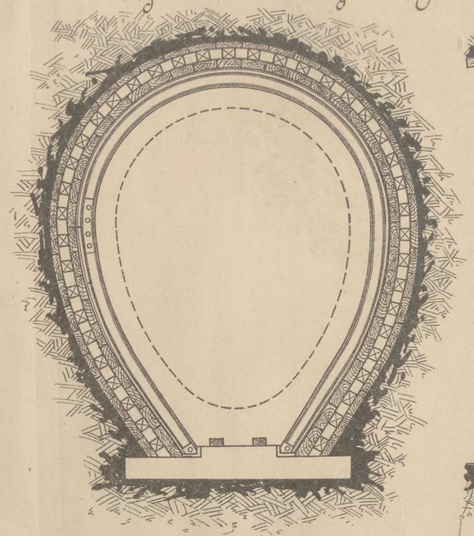


Fig. 36a.

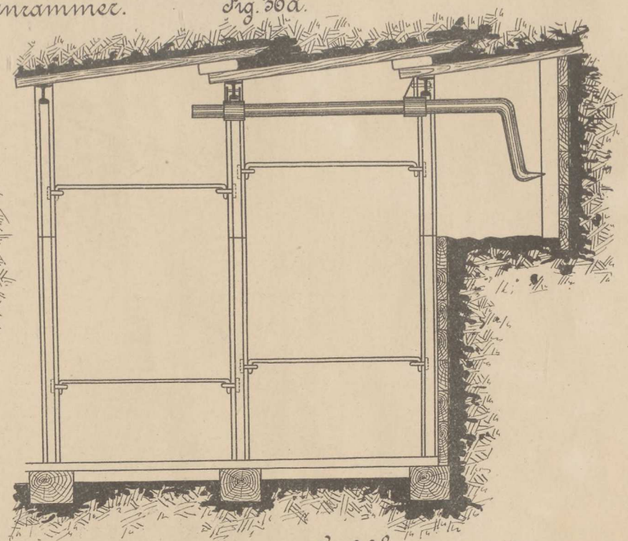


Fig. 36b.

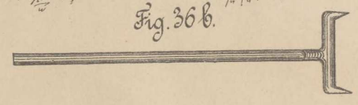


Fig. 37. Sammenskæring af flere Ledninger.

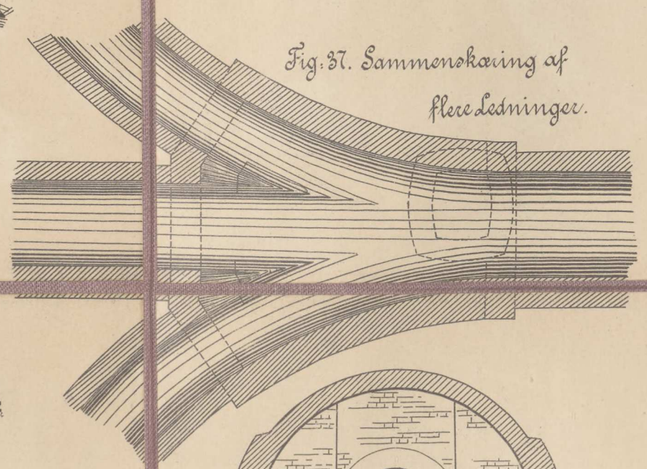


Fig. 37a.

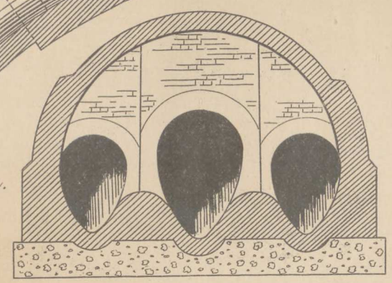
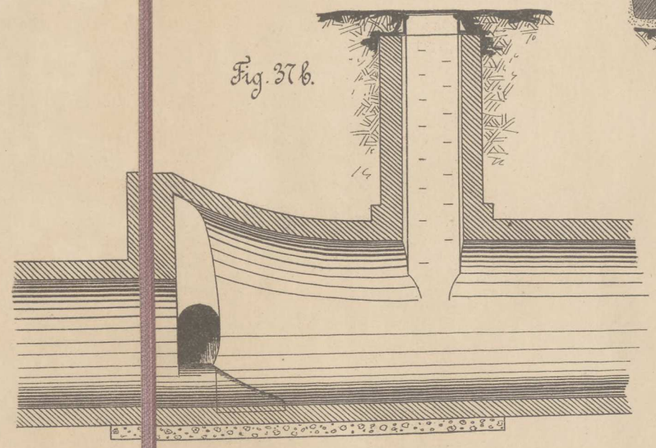


Fig. 37b.



Axel E. Aamodt. Kjøbenhavn.

PLAN IV.

Fig. 38. Skylleapparat med Hævert og Vippetrug.

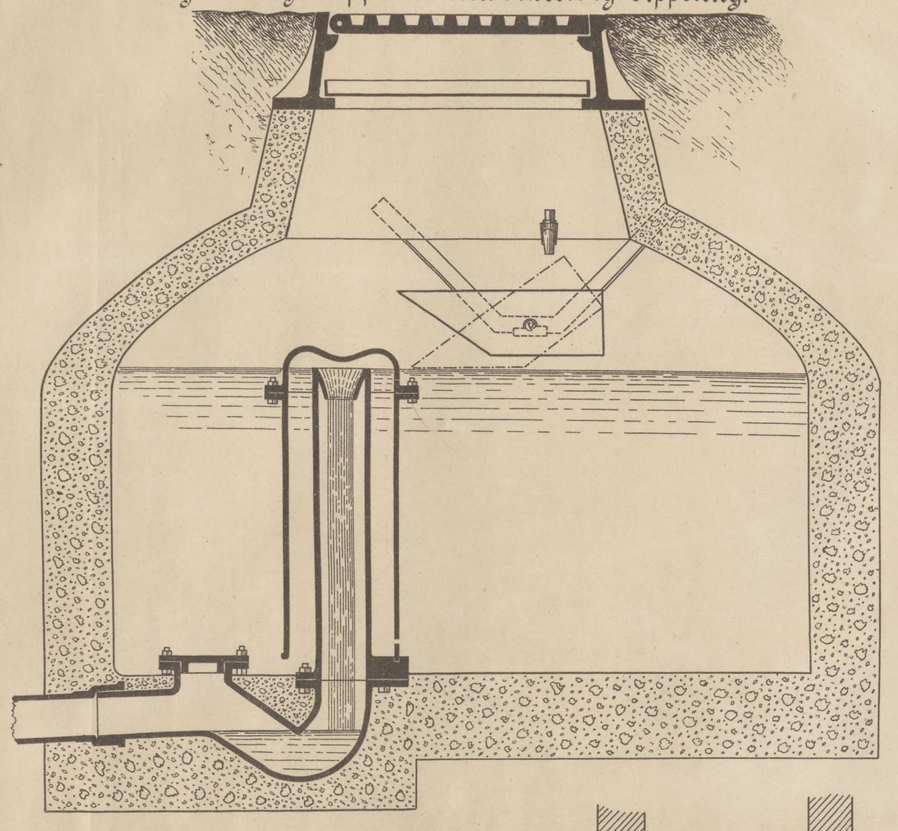


Fig. 39. Skylleapparat med Geneste og Herschers Hævert.

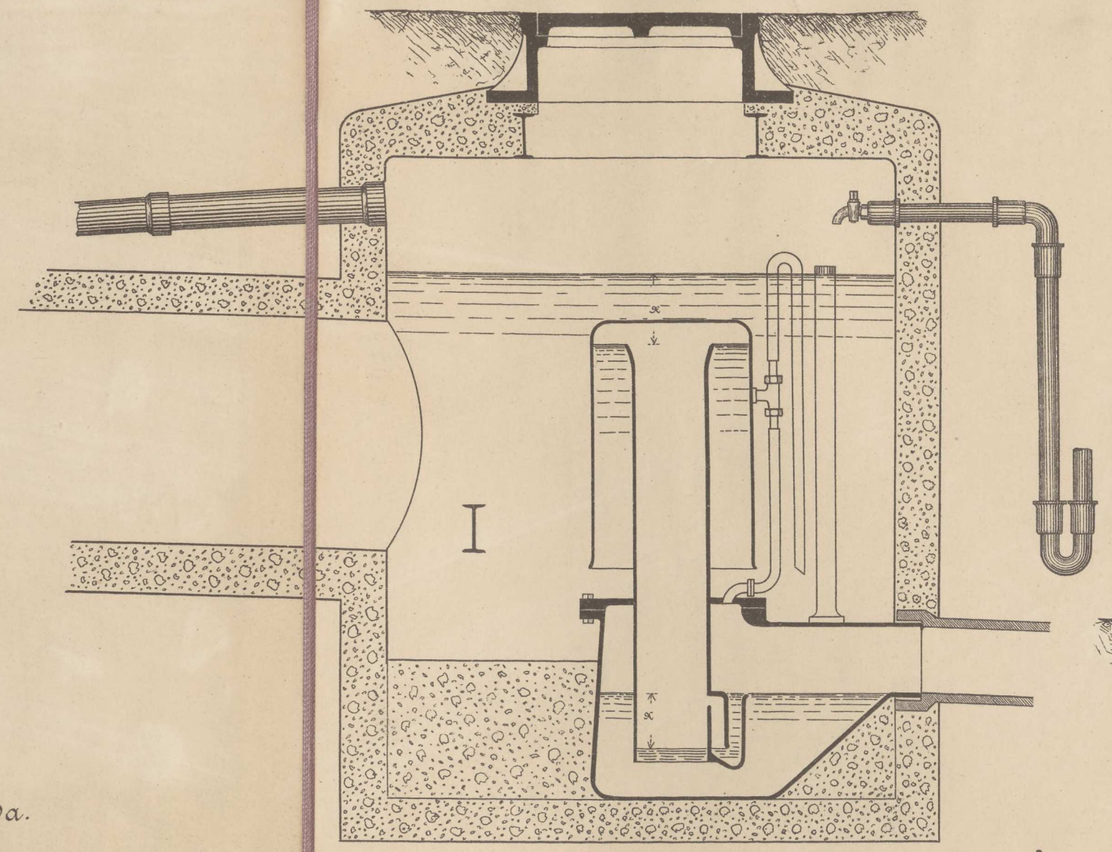


Fig. 52.
P. Vandlaas.

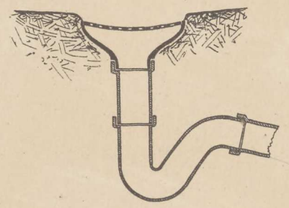


Fig. 40. Skylleport.

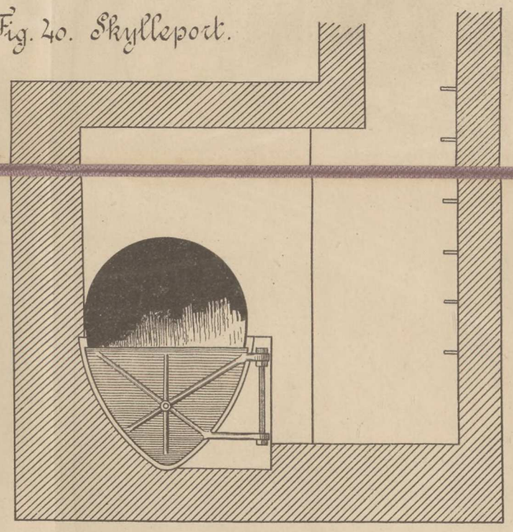


Fig. 40a.

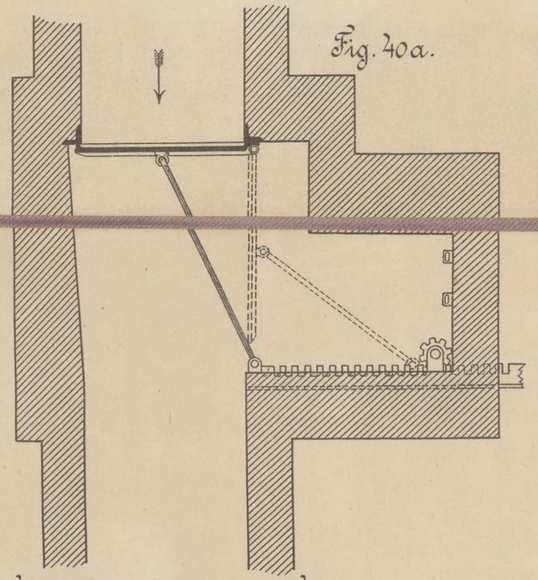


Fig. 40b.

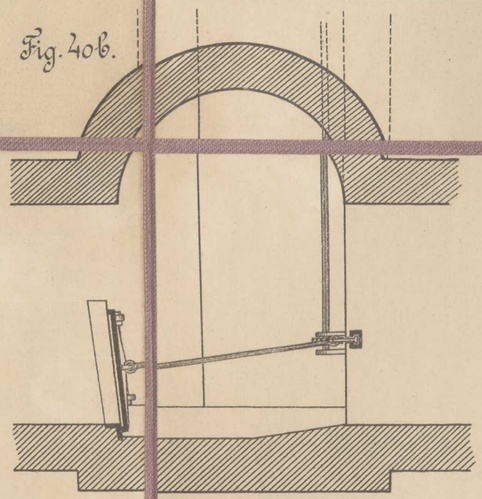


Fig. 53. Fedtsamler.

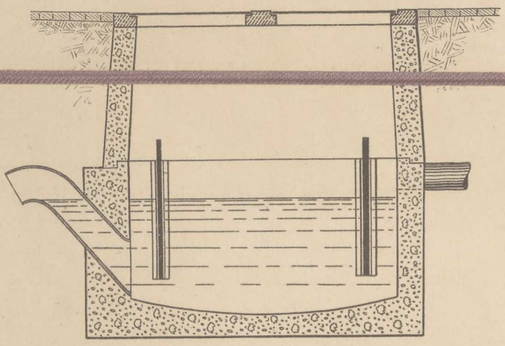


Fig. 53a.

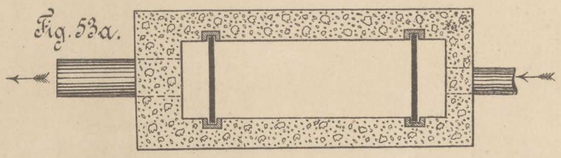


Fig. 44.

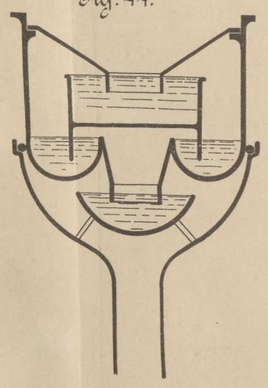


Fig. 45.

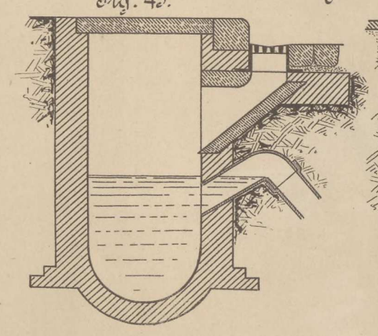
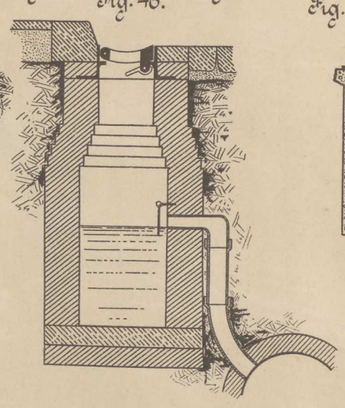


Fig. 46.



Forskjellige Typer af Fig. 47.

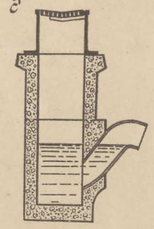


Fig. 48.

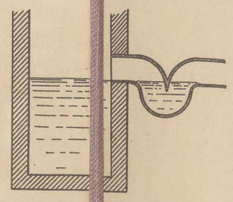
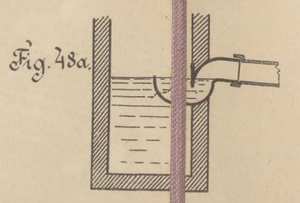


Fig. 48a.



Medløbebrønde. Fig. 49.

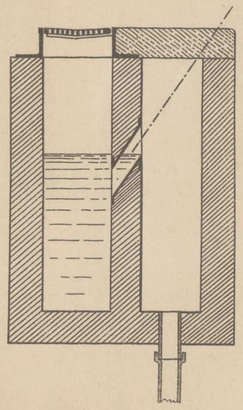


Fig. 50.

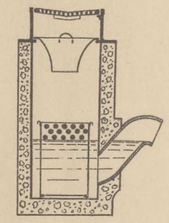
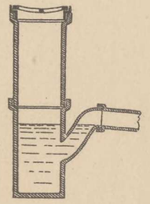


Fig. 51.



AXEL E. ANDERSEN KJØBENHAVN.

Fig: 41. Overfald.

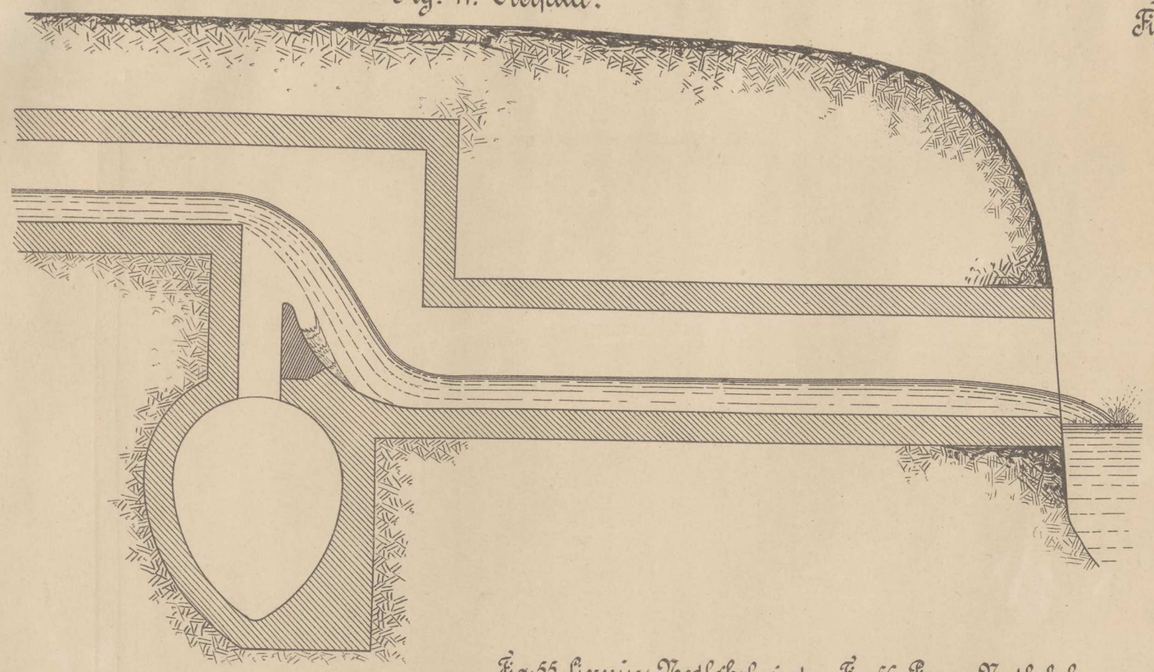


Fig: 42. Overfald med automatisk Lukke.

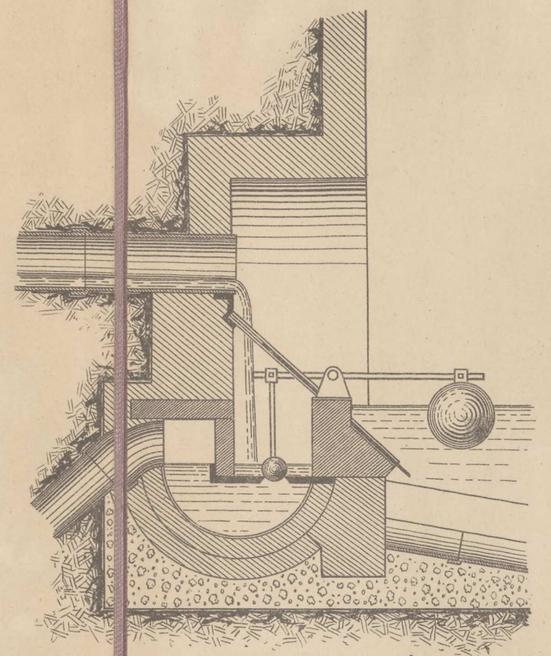


Fig: 43. Latham's Ventilationsapparat.

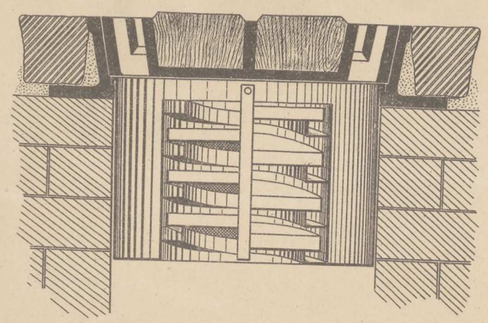


Fig: 43a.

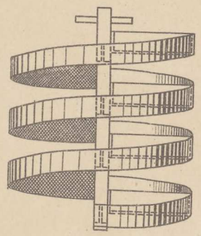


Fig: 54. Oppa- ... tat til Rensning af Kloakrør. (Dockmund.)

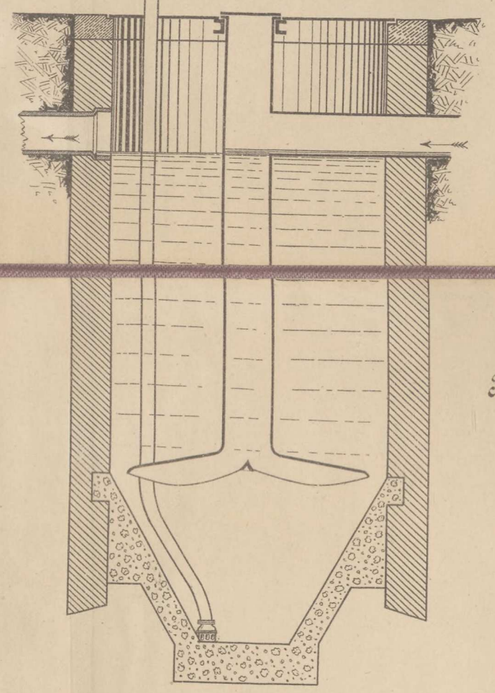


Fig: 55. Kiemmis Nedløbsbrønd.

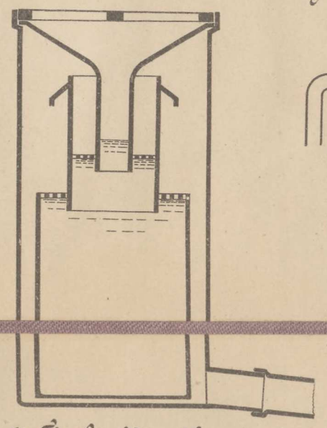


Fig: 56. Kiepers Nedløbsbr:

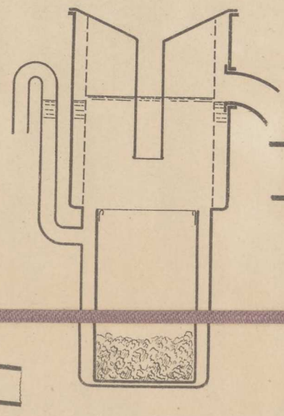


Fig: 57. Fedtsamler.

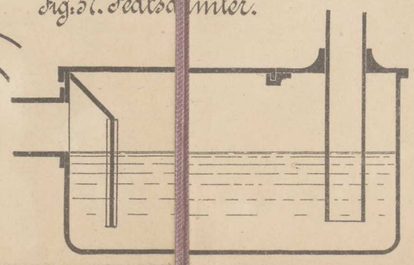


Fig: 58. Klokkevandlaas.

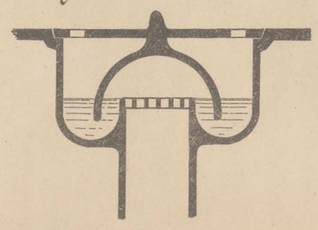


Fig: 59. Antil Vandlaas. Fig: 60. D-Vandlaas.

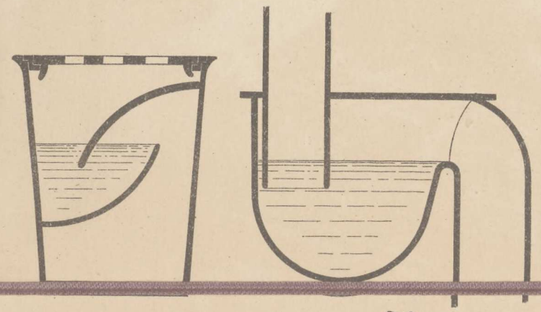


Fig: 61. Flaske-Vandlaas.

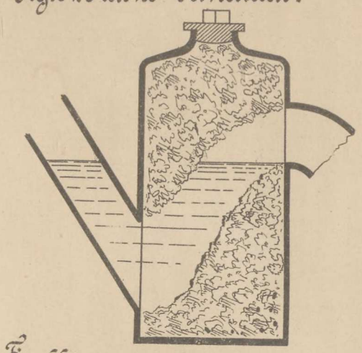


Fig: 62. Amerikansk Vandlaas.

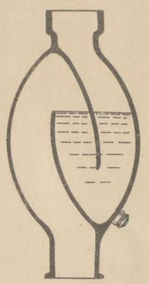


Fig: 63. S-Vandlaas.

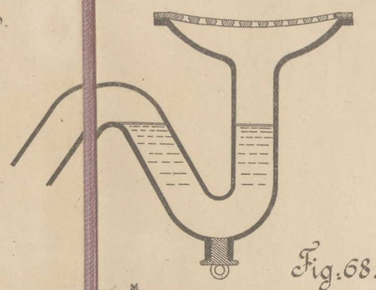


Fig: 64. Bowers Vandlaas. Fig 65. Kvikølv Vandlaas.

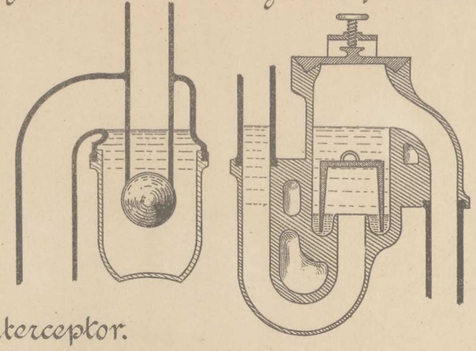


Fig: 66a. Samling af Blyrør.

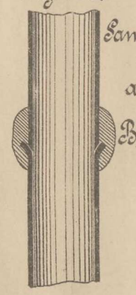


Fig: 66b. Cap-lining.

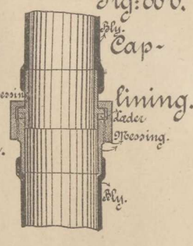


Fig: 66c. Ferüle.



Fig: 66d. Union.

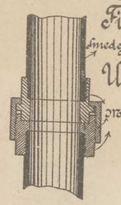


Fig: 66e. Samlinger mellem Fajance- og Støbejernsrør.

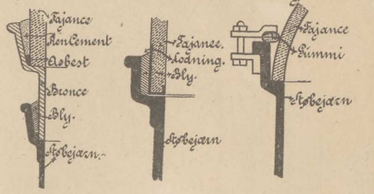


Fig: 67. Forbindelse mellem Faldrør og Afløbskummer.

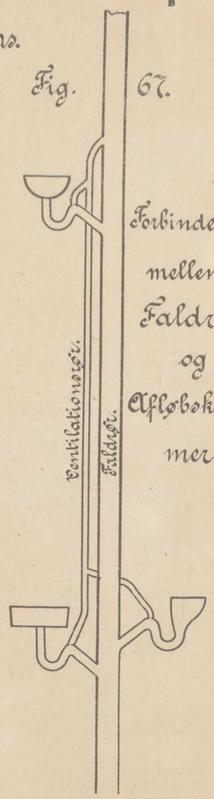
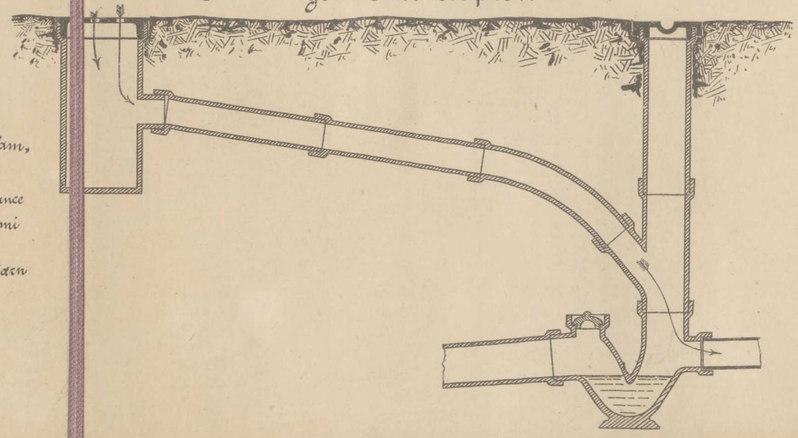


Fig: 68. Interceptor.



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Fig: 69. Trugkloset.

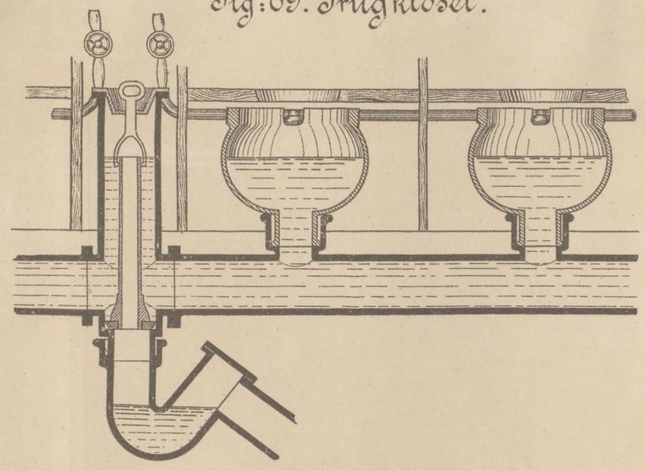
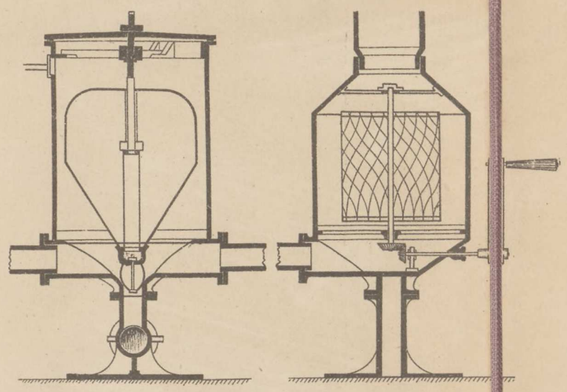


Fig: 70. Berliers System.



Liernür System.

Fig: 71. Spildevandsledning.

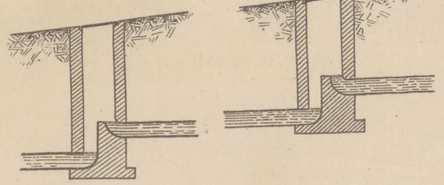
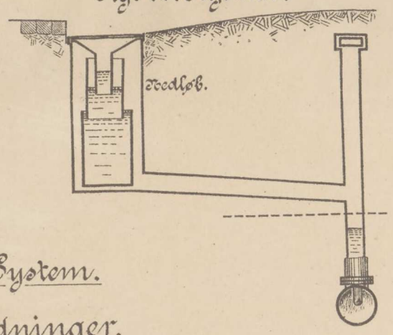


Fig: 72. Injektor.



Liernür System.

Fig: 73. Fakalledninger.

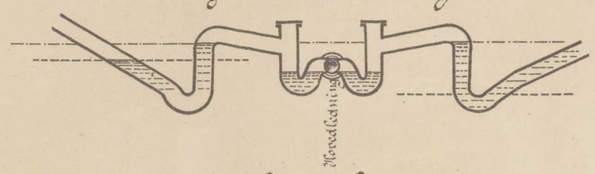
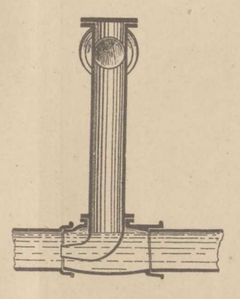


Fig: 74. Shoner-Injektor.



Liernür System.

Fig: 76. Skizze af Rörnettet.

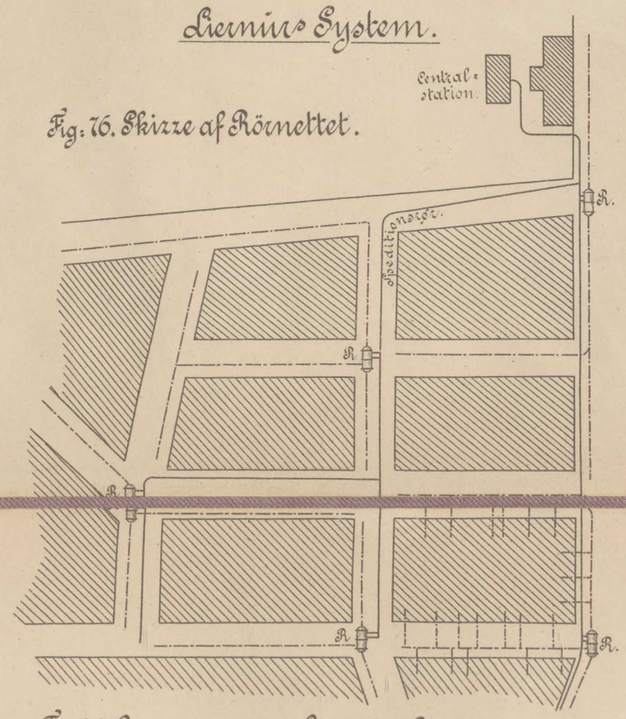


Fig: 79. Pandekloset.

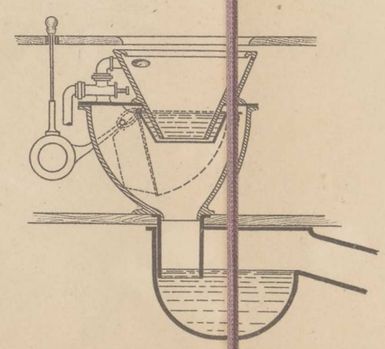


Fig: 80. Kloset uden Vdls.

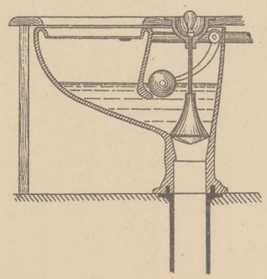


Fig: 81. Tragtkloset.

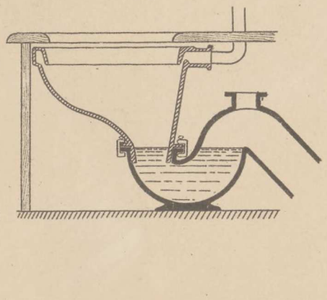


Fig: 75. Shoner-Vask.

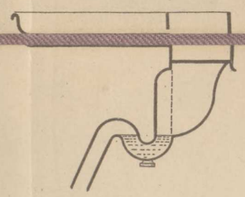


Fig: 77. Liernür-Anlæg.

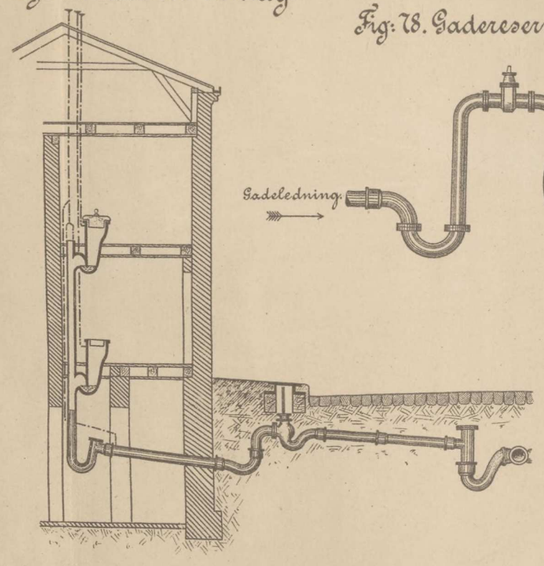


Fig: 78. Gadereservoir i Liernür System.

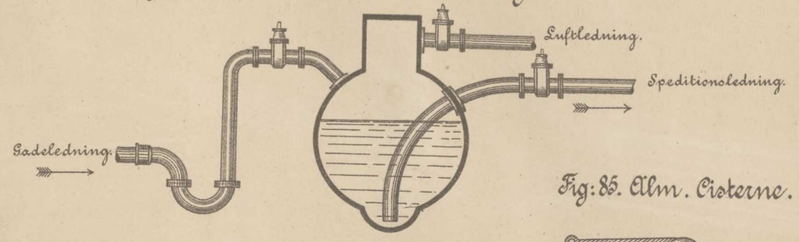


Fig: 82. Klapkloset.

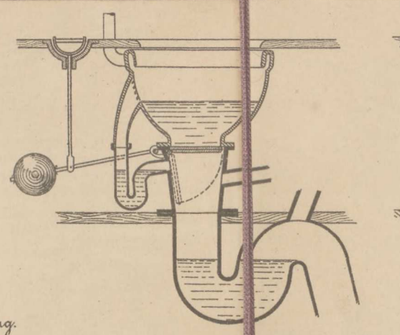


Fig: 83. Ventilkloset.

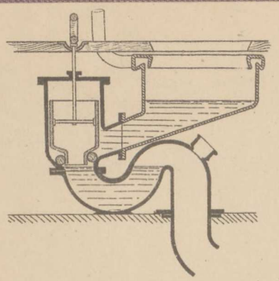


Fig: 84 a & b. Udtræksningsklosetter.

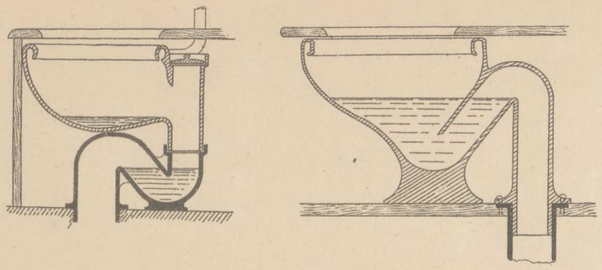


Fig: 85. Alm. Cisterne.

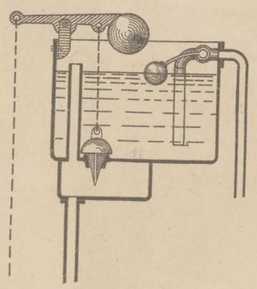
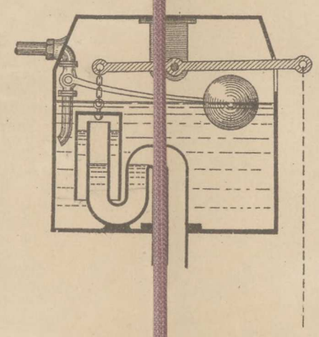


Fig: 86. Cist: med Hævertvikning.



Skyllecisterner.

Fig: 87. Cisterne med Efterskylning.

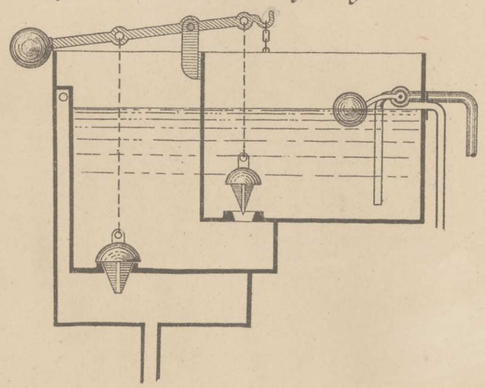
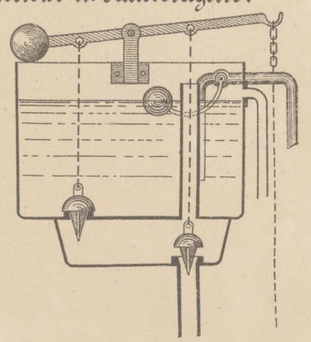


Fig: 88. Cist: til Gadebevægelse.



Axel E. Aamodt, Kjøbenhavn.

Fig: 1

Fig: 1. Variation af Vandforbruget i 1 Døgn.

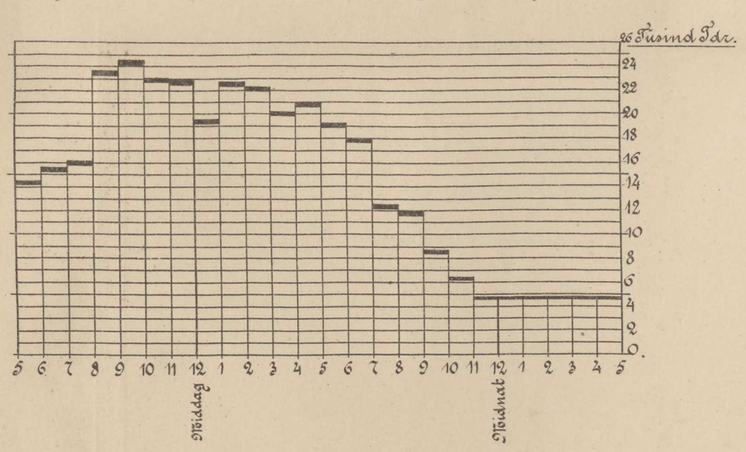


Fig: 2. Den aarlige Variation af Vandforbruget i Kjøbenhavn.

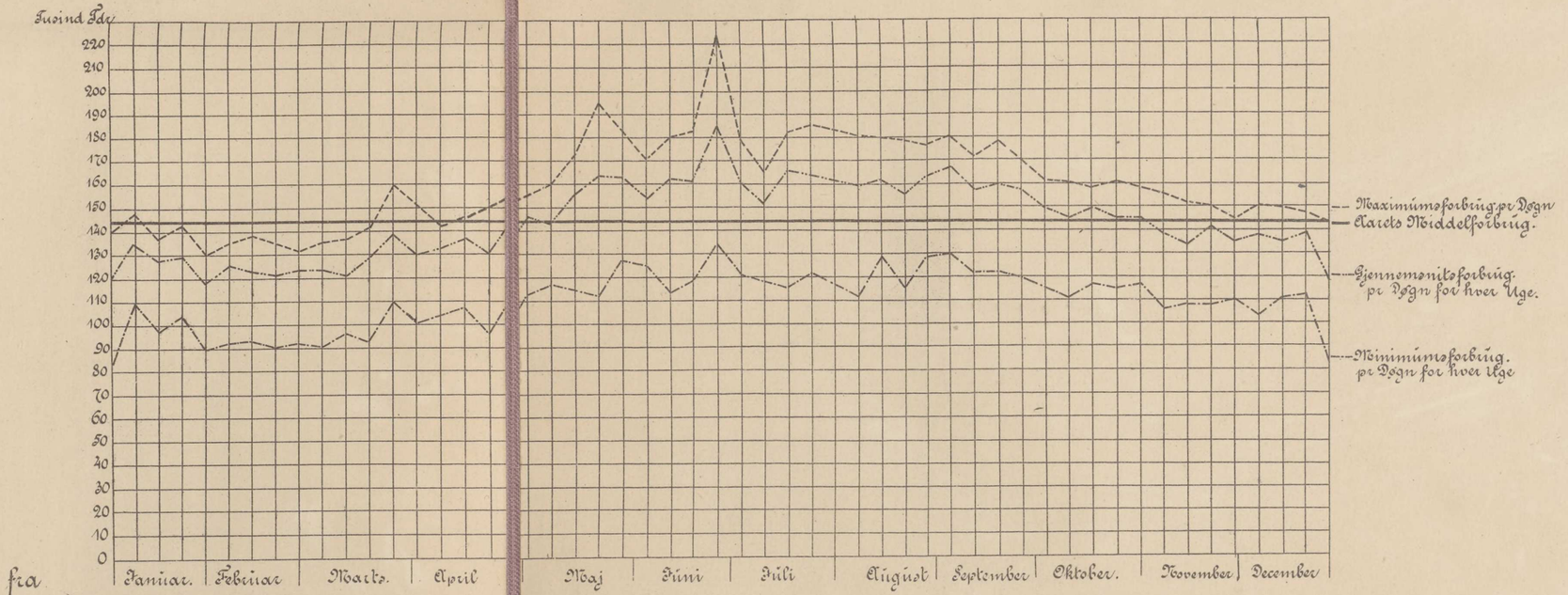


Fig: 3. Alm. Filteranlæg.

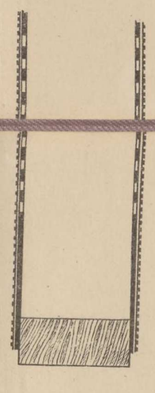
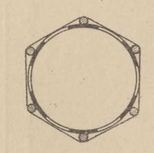


Fig: 4. Alm Filteranlæg.



Indtagning af Vand fra Søer og Vandløb.

Fig: 6.

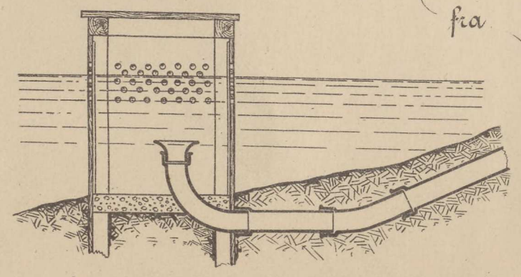


Fig: 8.

Fig: 9. Stivningsdæmning af Jord.

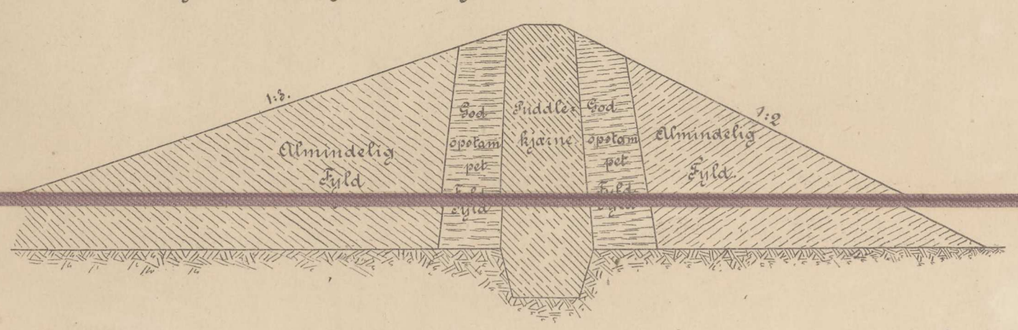


Fig: 5. Smreckers Filteranlæg.

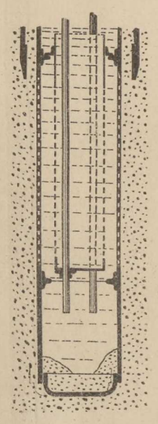


Fig: 7.

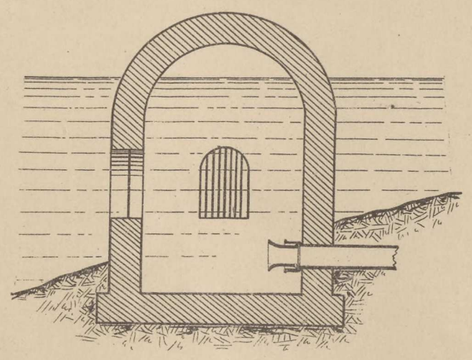


Fig: 8a.

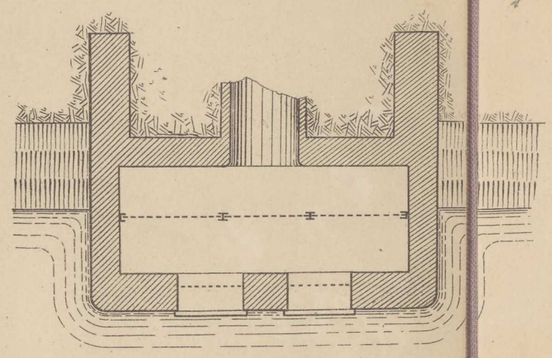


Fig: 10. Stivningsdæmning af Murværk.

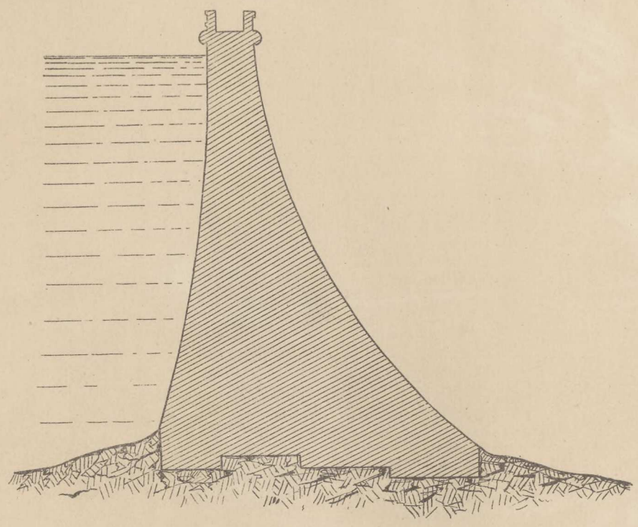
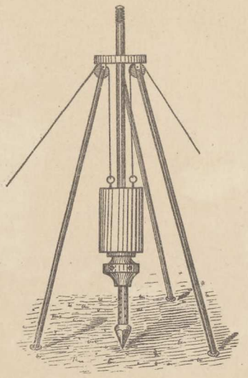


Fig: 11. Nedrømning af abessinisk Borevæv.



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PLAN VIII.

Fig 12 og 13. Afløbsledning gjennem Stuvningsdæmningen for et Reservoir

Fig: 12 a.

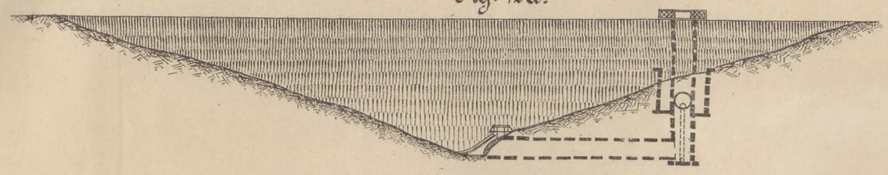


Fig: 12 b.

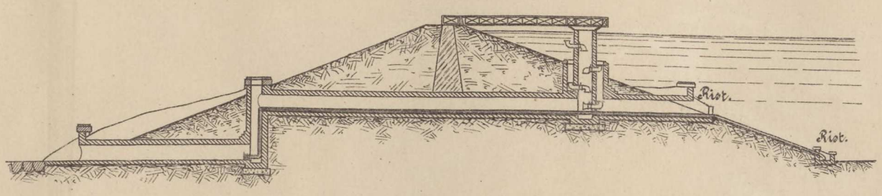


Fig: 12 c.

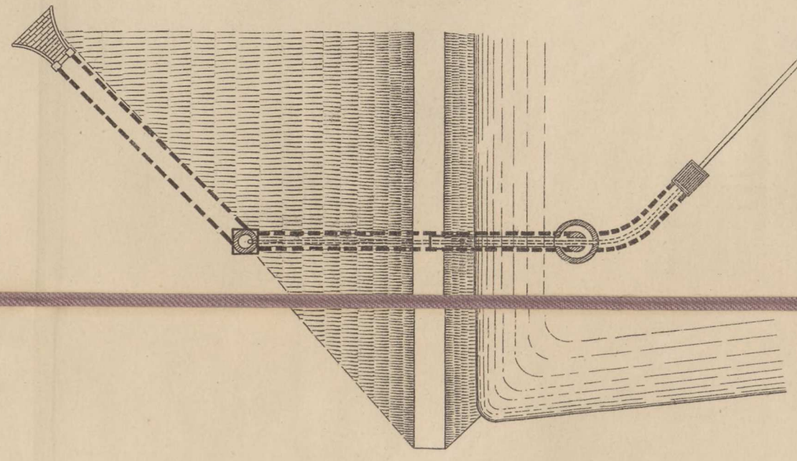
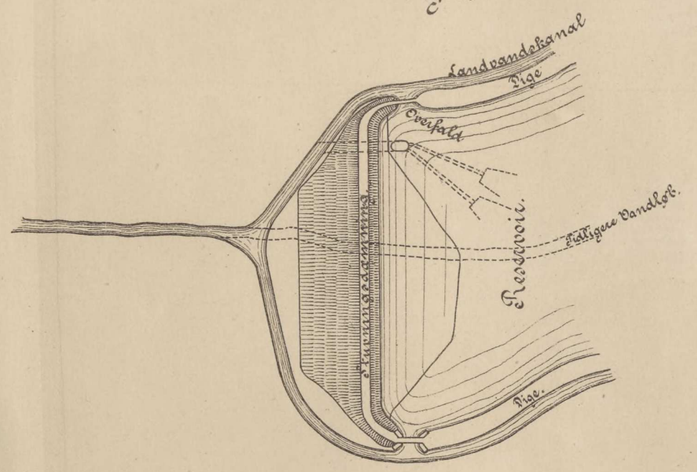
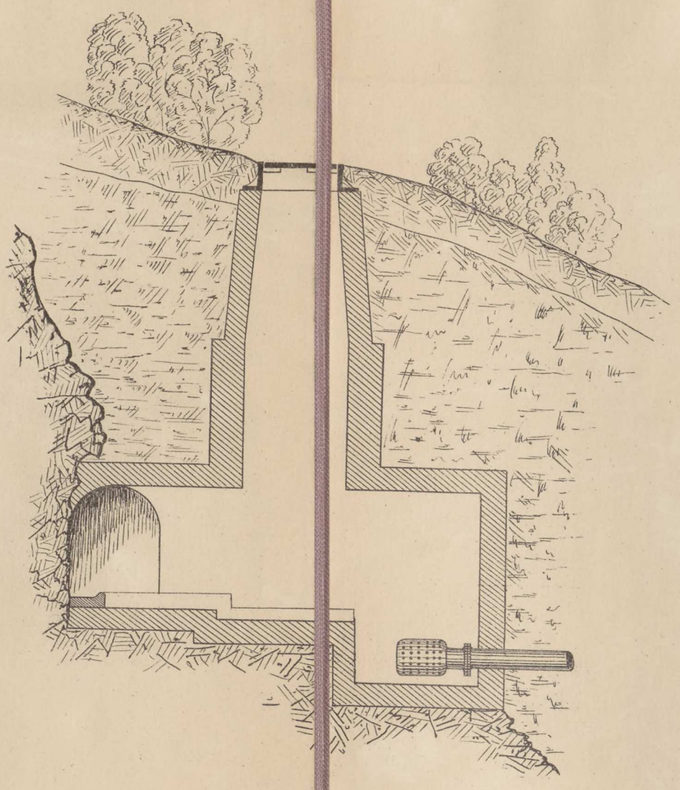


Fig: 13.





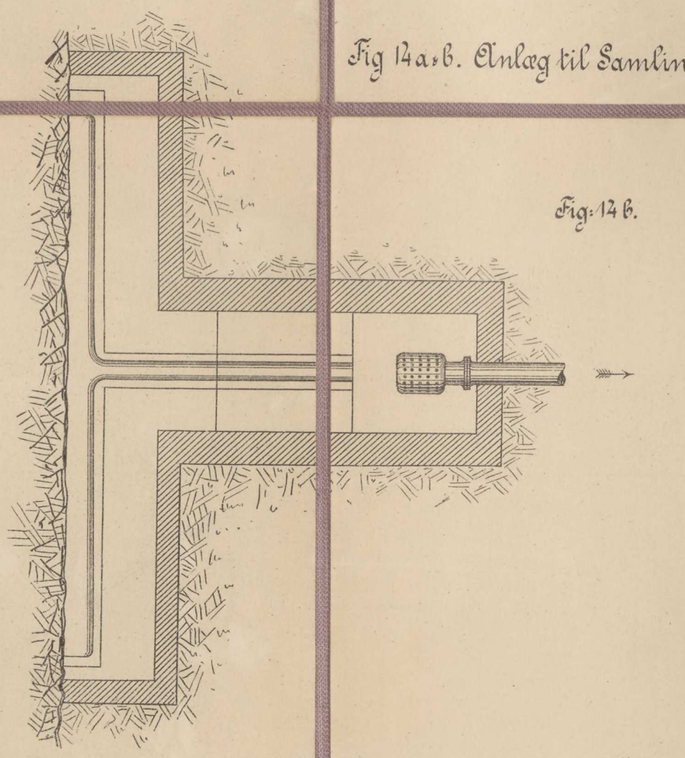


Fig: 14 a.

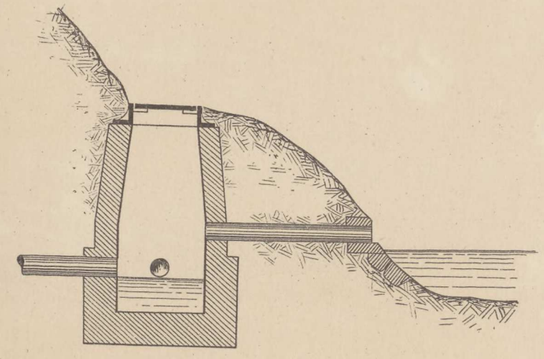
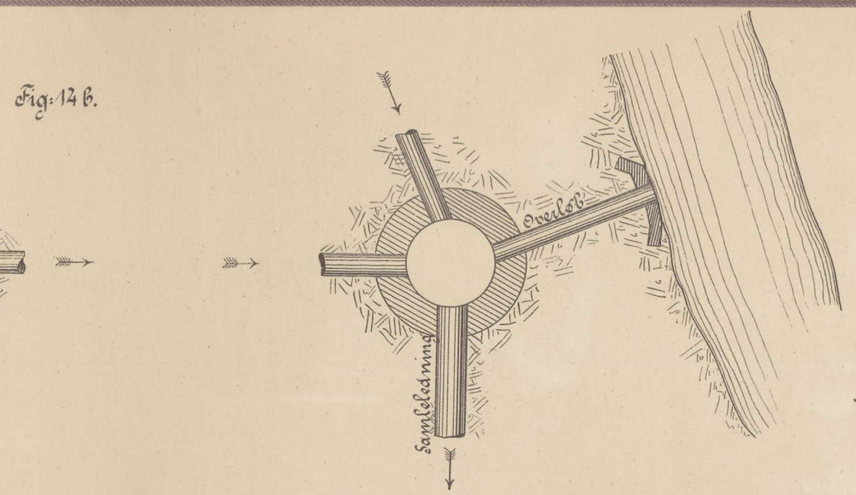


Fig 14 a.b. Anlæg til Samling af Kildevand.

Fig: 14 b.



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Fig. 15

Fig. 15 a. Brøndkammer

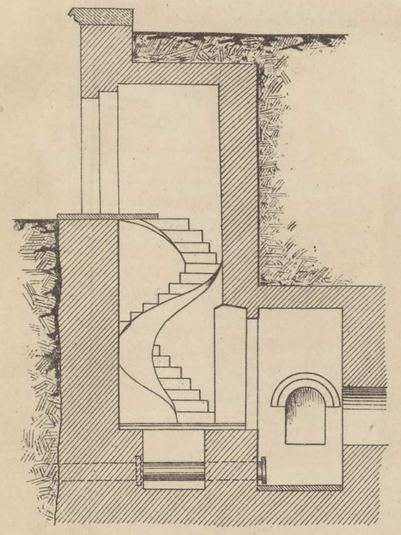
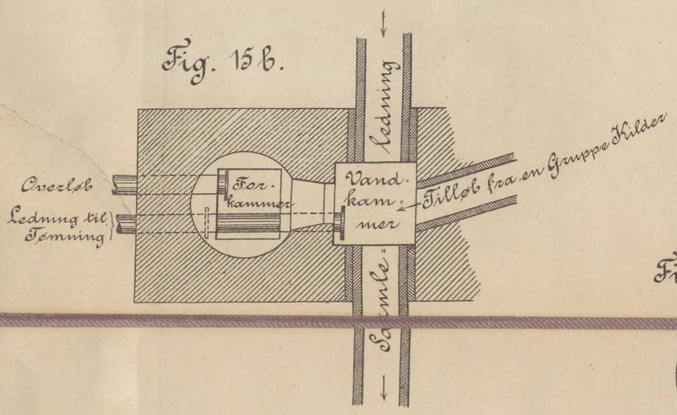


Fig. 15 b.



Saakaldet Filterbrønd
(Tegeler Vandværk Berlin)

Fig. 16 a

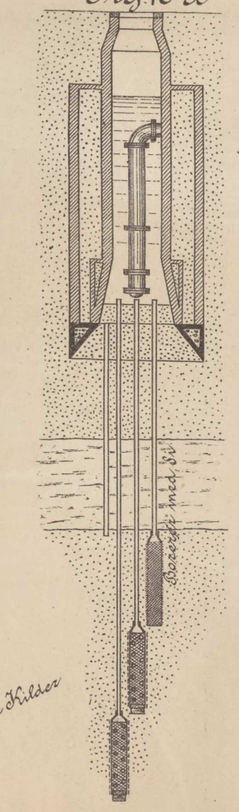


Fig. 16 b.

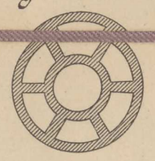


Fig. 17. Iltningsanlæg (Odense).

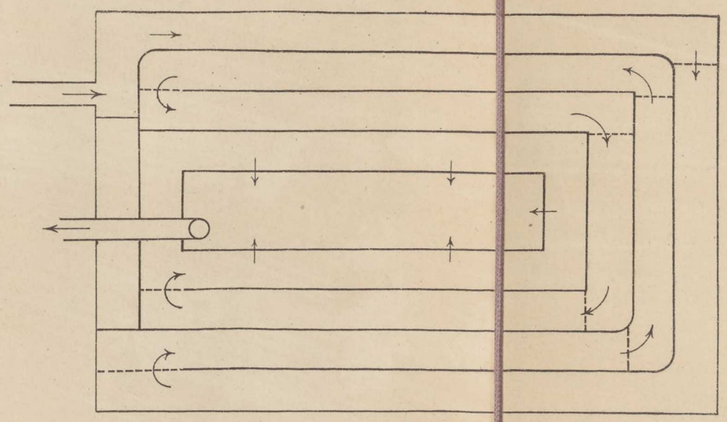


Fig. 19.
Udførelse af Samledrain.

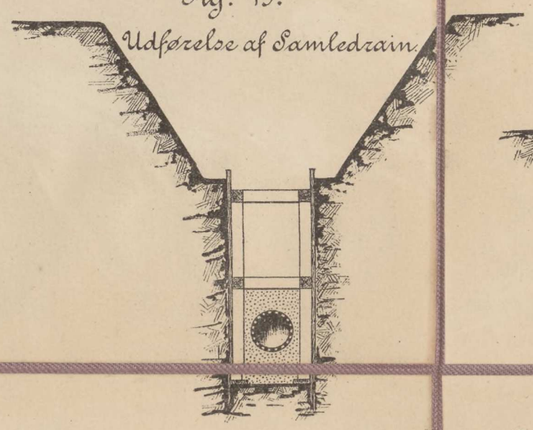


Fig. 20
Mellembrønd

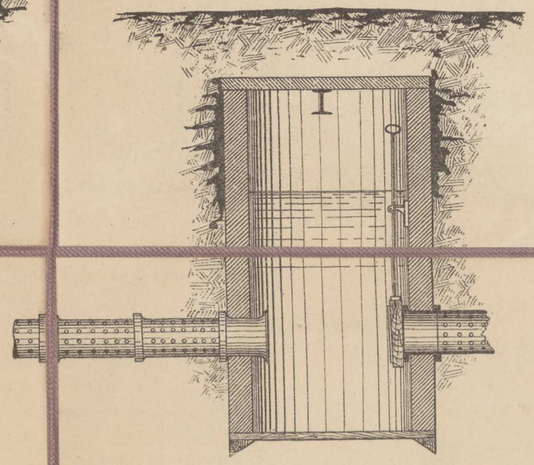


Fig. 18. – Vandværket i Halle.

Fig. 18.

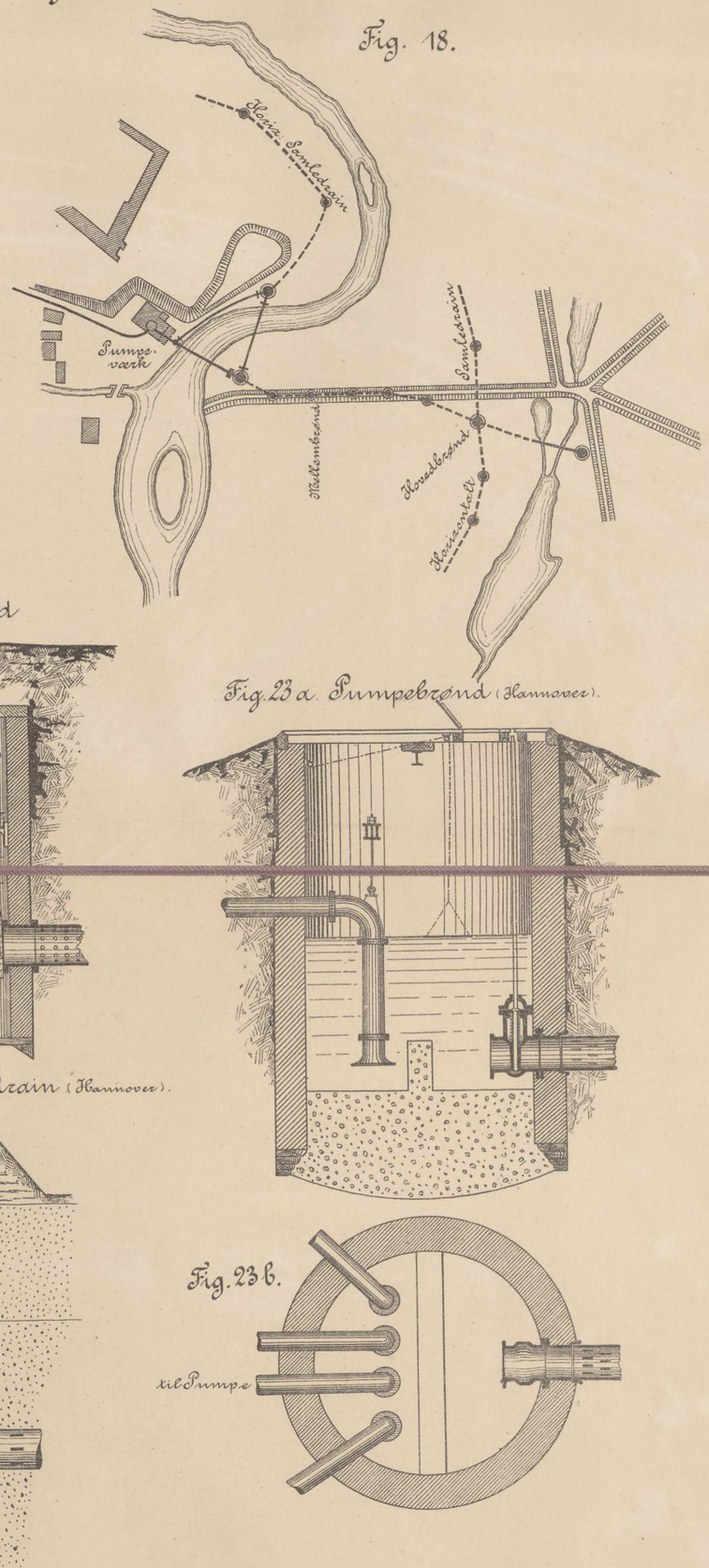


Fig. 21. Hovedbrønd

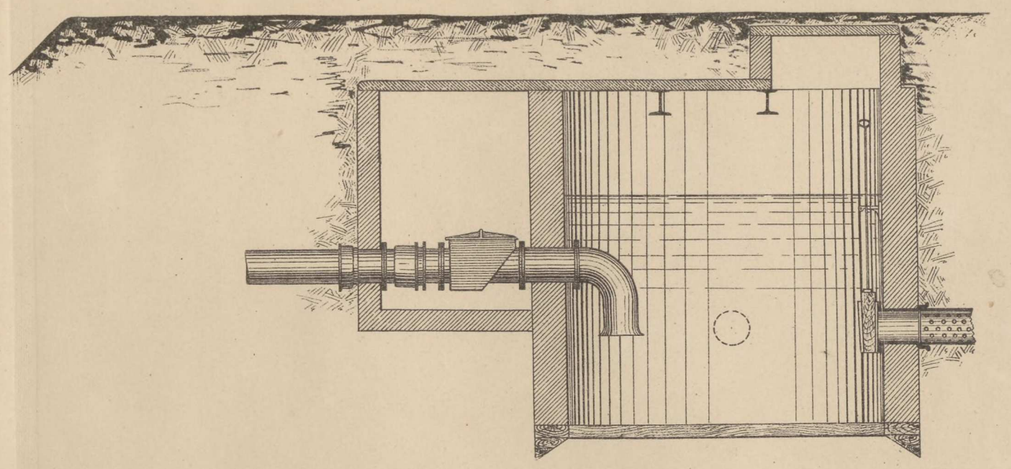


Fig. 22. Mellembrønd paa Samledrain (Hannover).

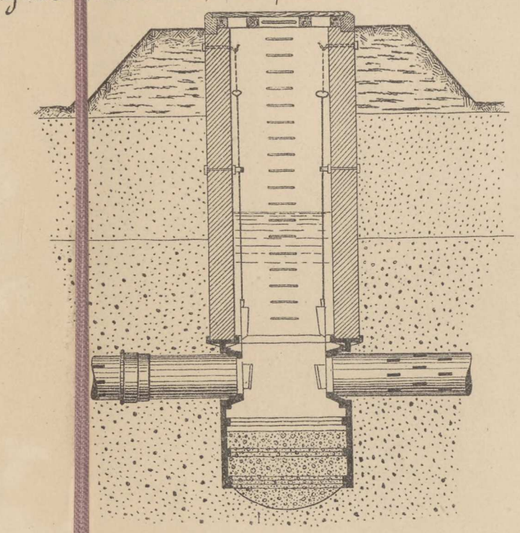


Fig. 23 a. Pumpebrønd (Hannover).

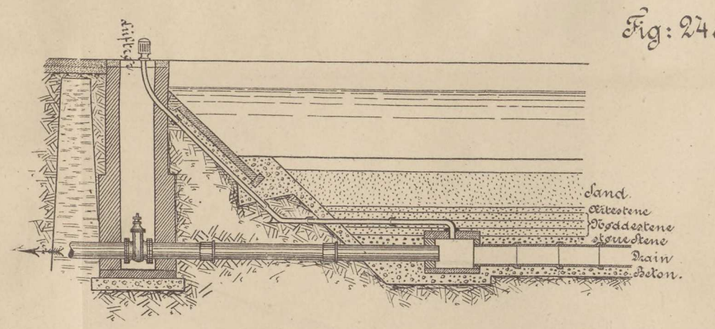
Fig. 23 b.

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PLAN X.

Fig: 24 a.

Øldre Filterkonstruction (Kjøbenhavn)



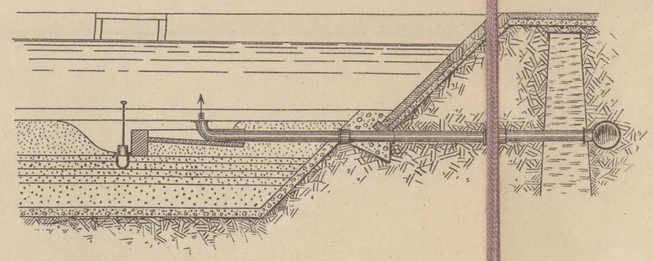
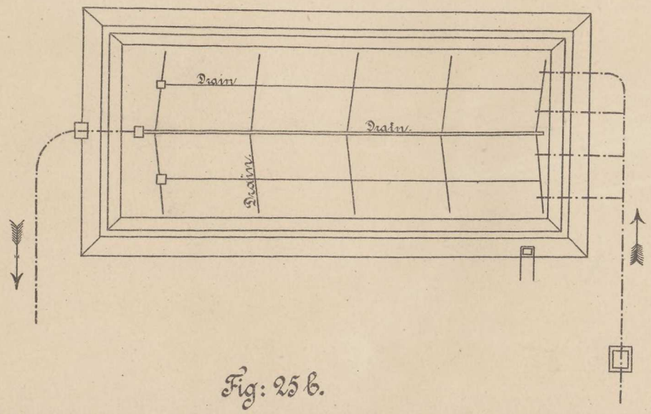


Fig: 24 b.



Overdækket Filter.

Fig: 25 a.

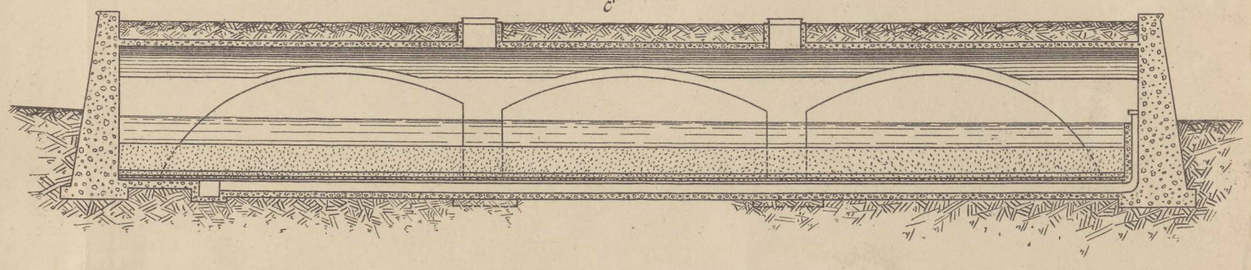


Fig: 25 b.

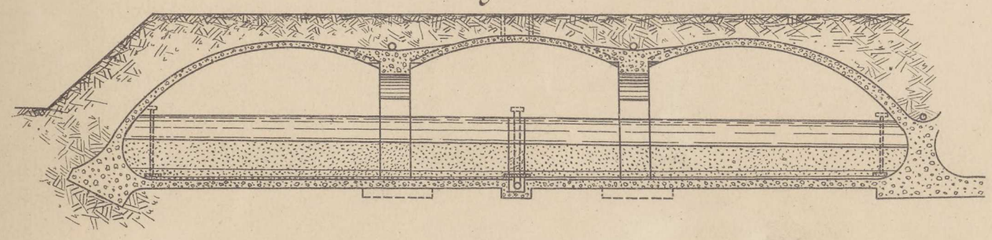


Fig: 26. Skematisk Fremstilling af Filteranlægene for Altonaer Vandværk.

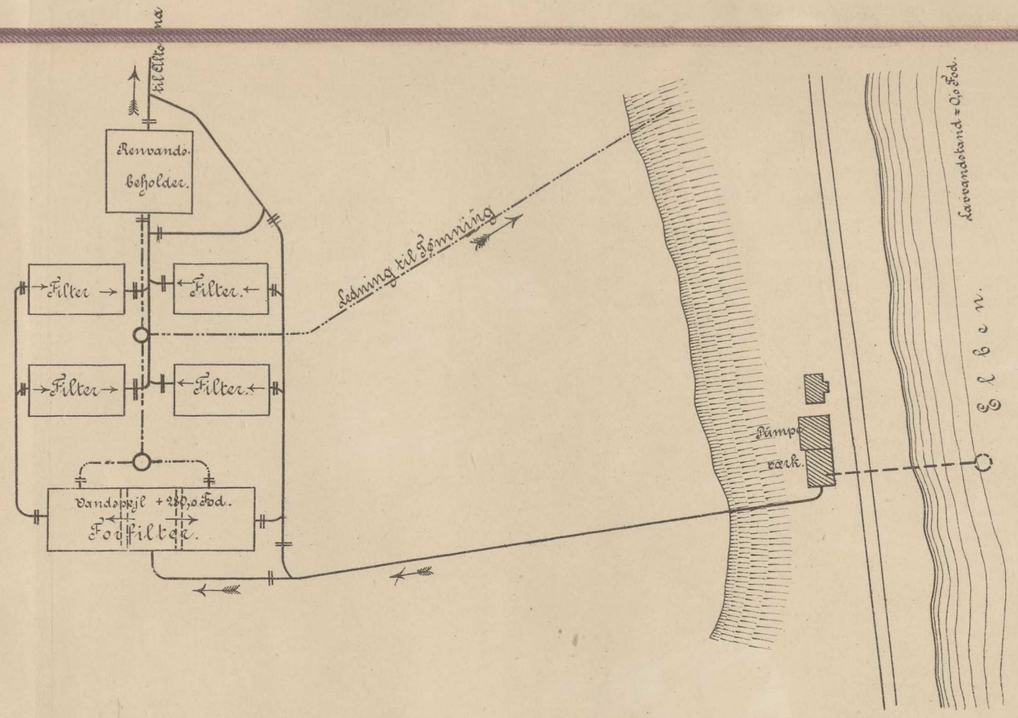


Fig: 27 a. Overdækket Afgjdereservoir (Hannover.)

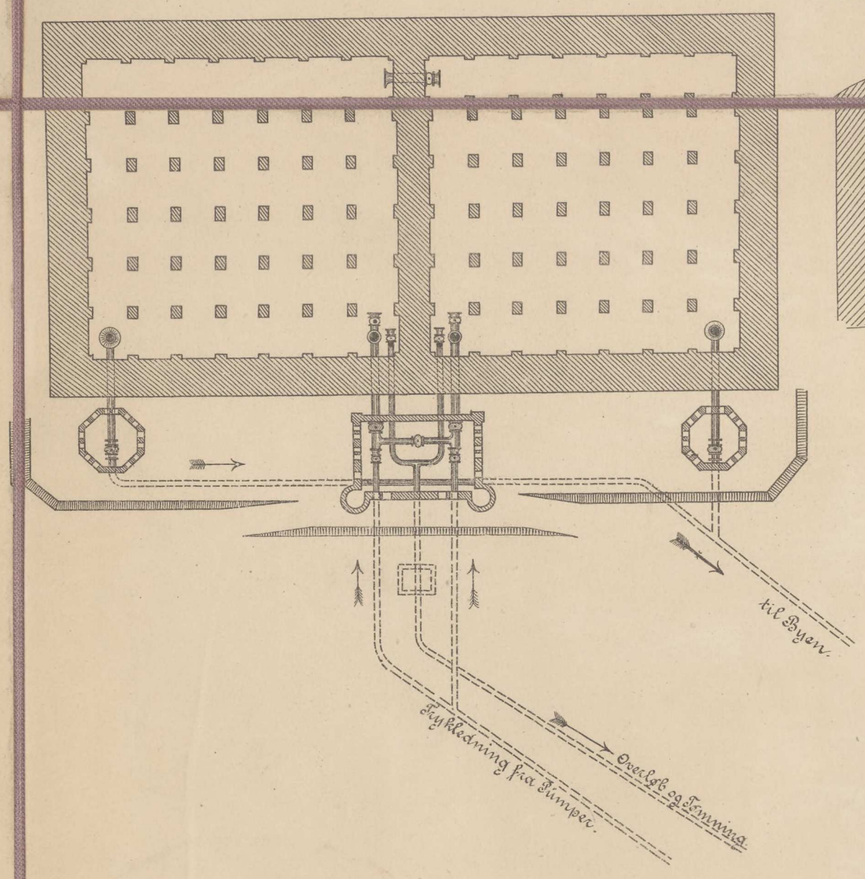
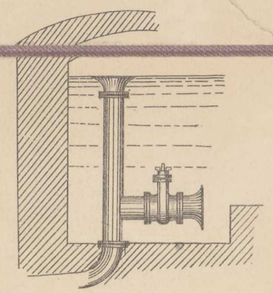


Fig: 27 b.

Skizze af Overløbog-Tømning.



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PLAN XI.

Fig: 28a. Overdækket Filter med Iltningsanlæg.

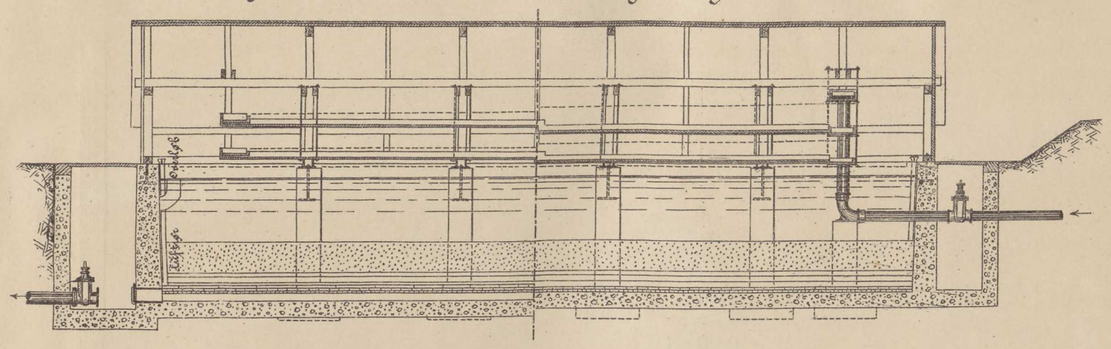


Fig: 28b.

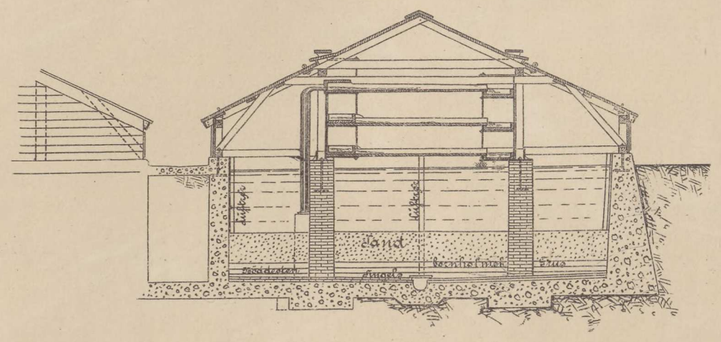


Fig: 29a. Højdereservoir.

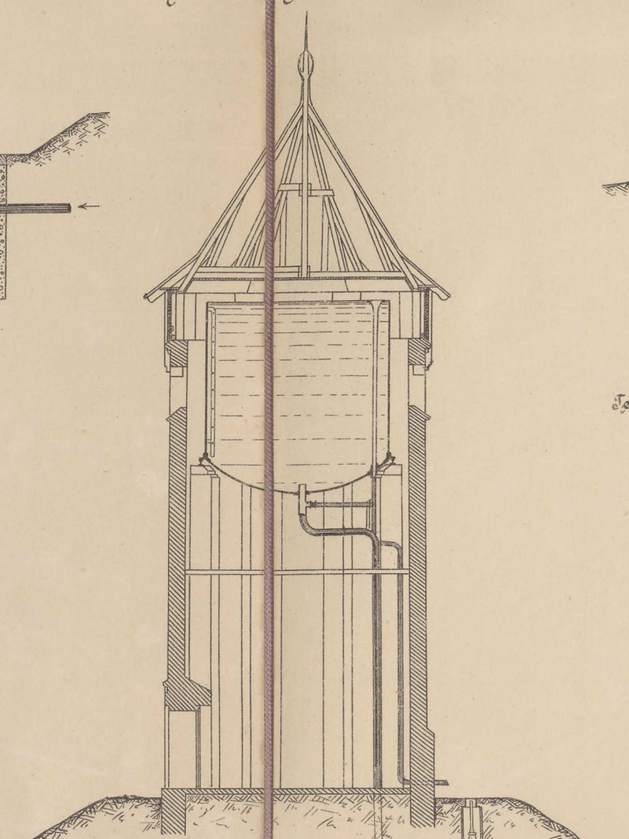


Fig: 29b.

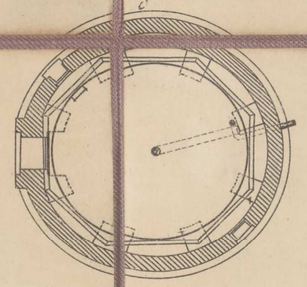


Fig: 30a. Opfangning af en Kilde

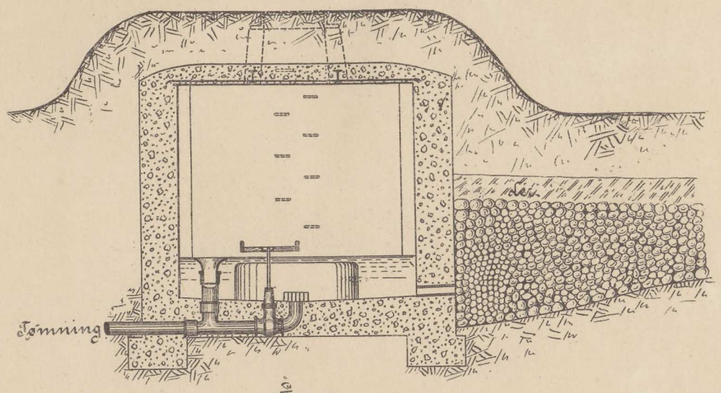


Fig: 30b.

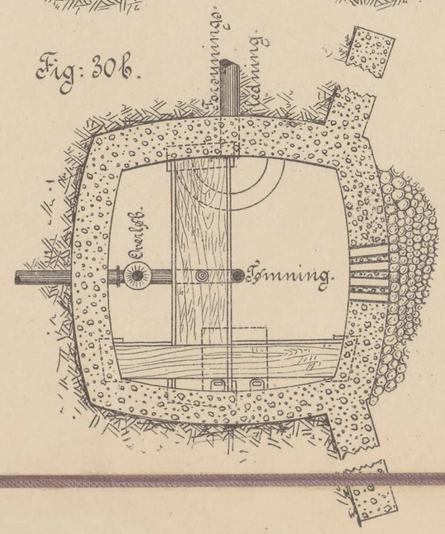


Fig: 31. Muffesamlinger.

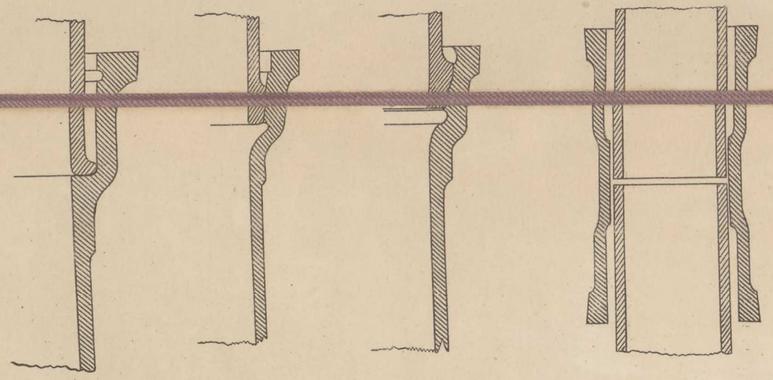
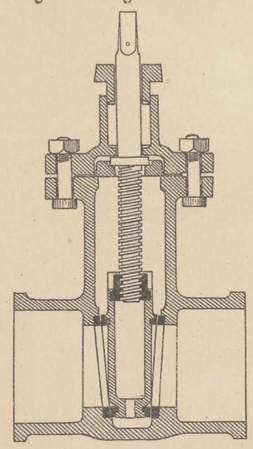


Fig: 32. Skydemuffe.

Fig: 35. Skyderhane.



Forsyning ved Pumpning, naar flere Trykzoner haves.

Fig: 33a

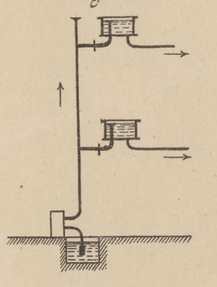


Fig: 33b.

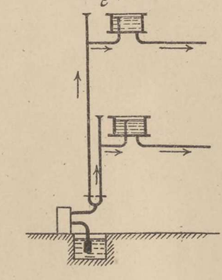


Fig: 33c.

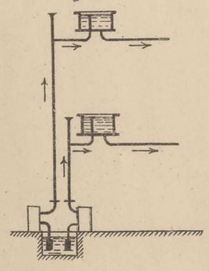


Fig: 33d.

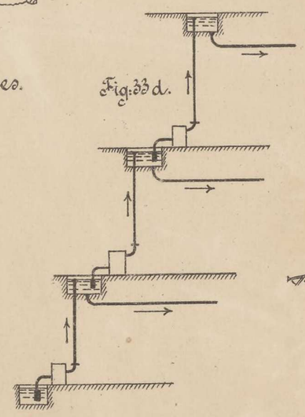
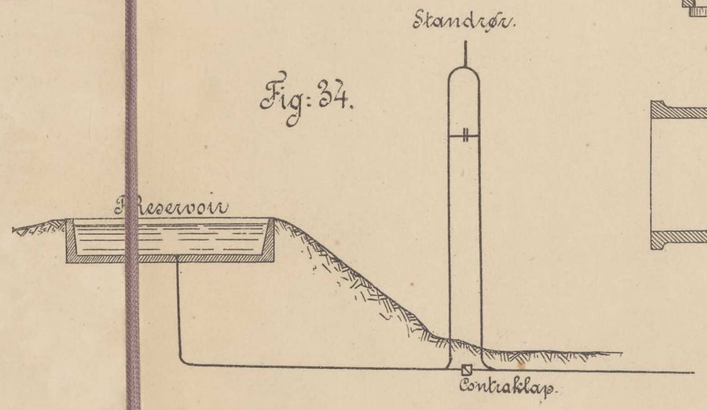


Fig: 34.



VHOPPE.

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