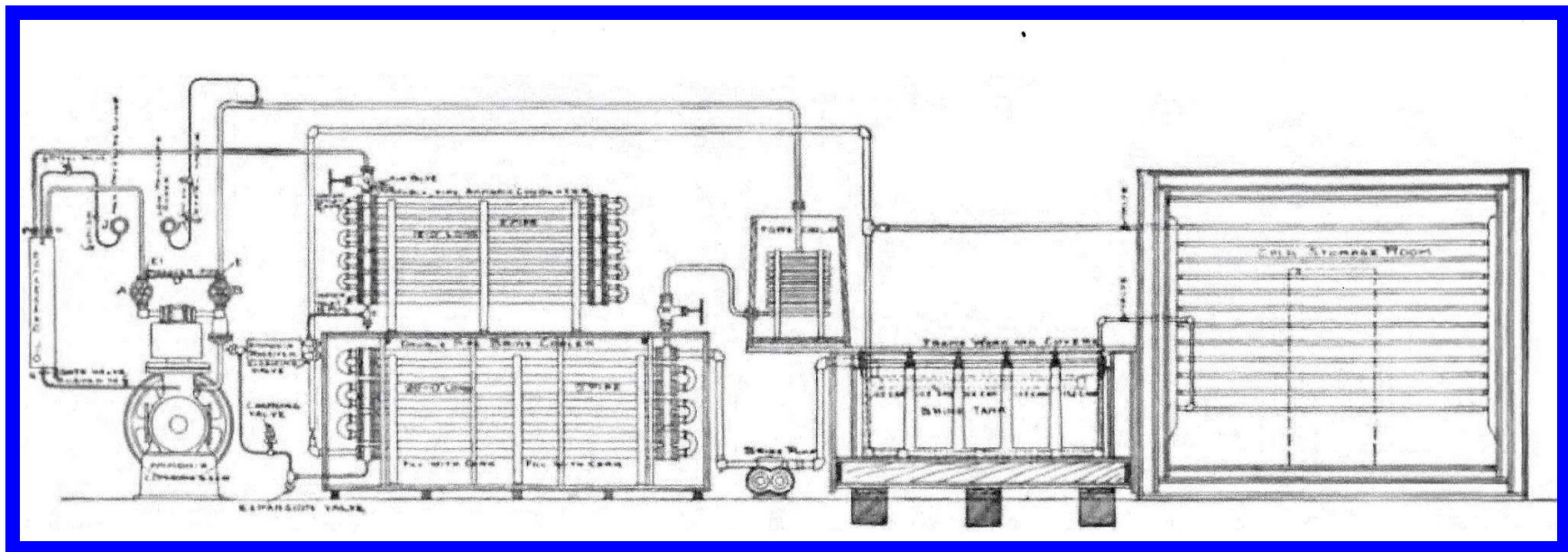


**American Refrigeration  
Cold Storage & Ice-Making 1875-1915**

# *Ice Plants & Cold Storage*



**REFRIGERATION SYSTEMS**

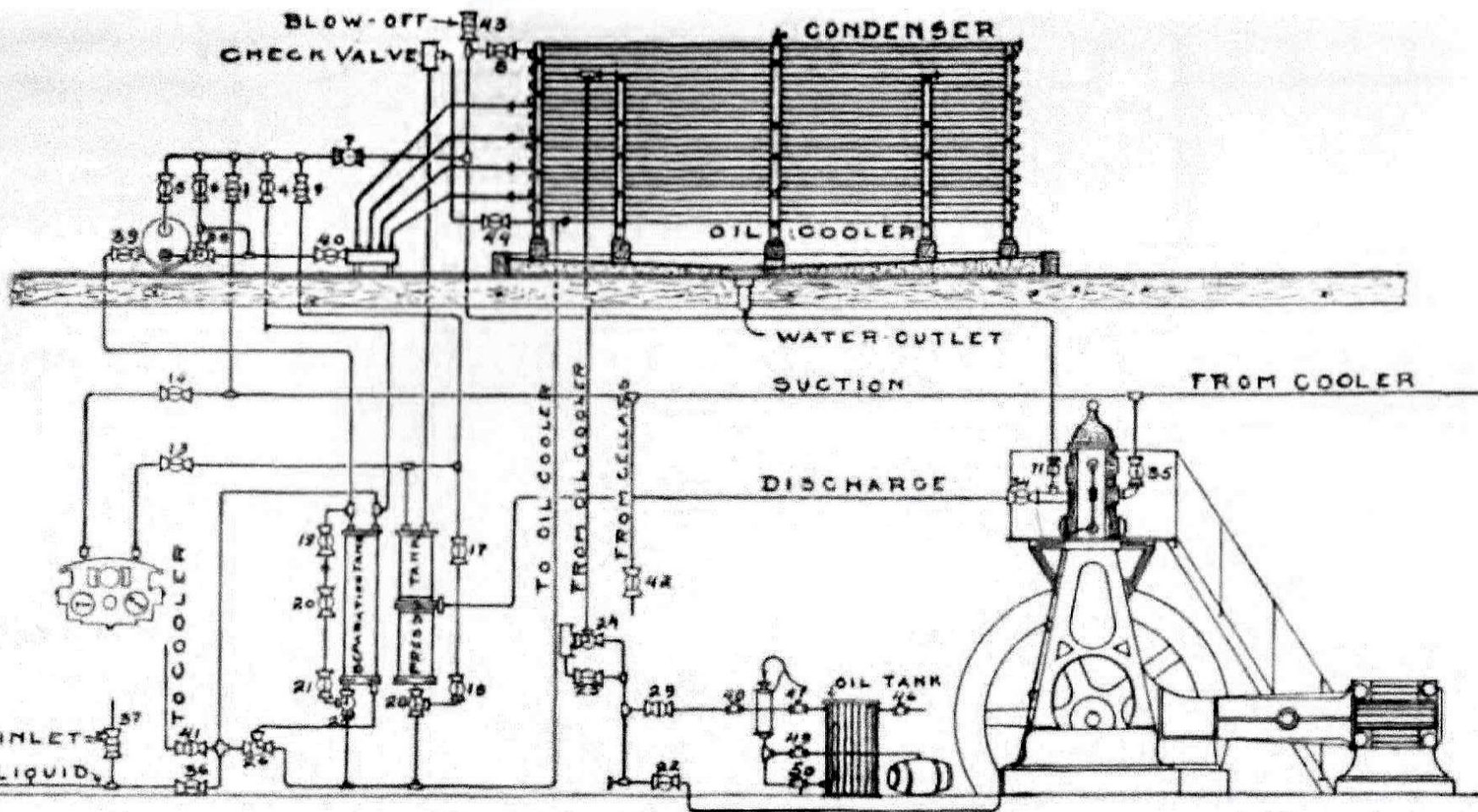


PLATE VII.—AMMONIA COMPRESSOR WITH OIL CIRCULATION.

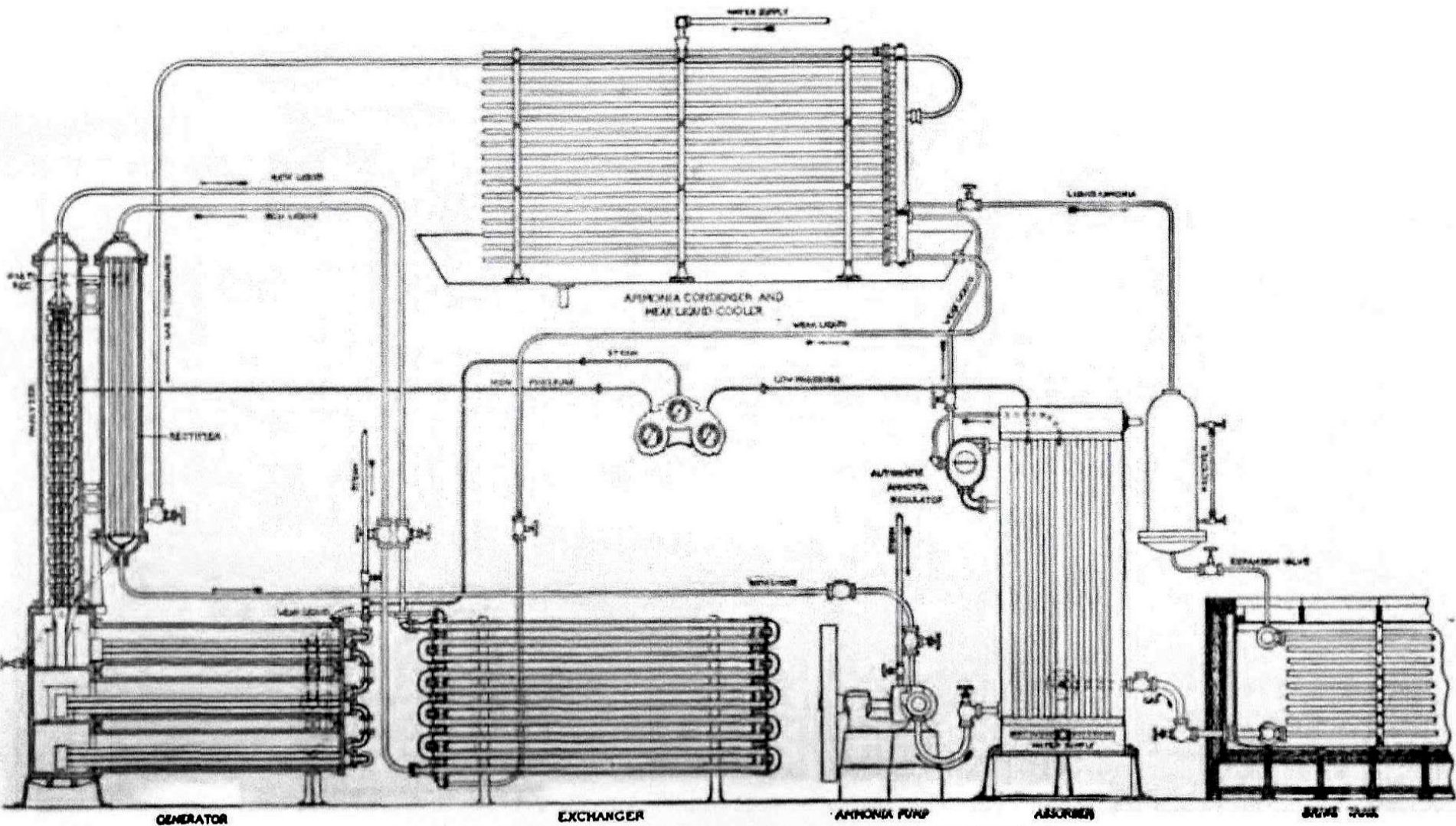
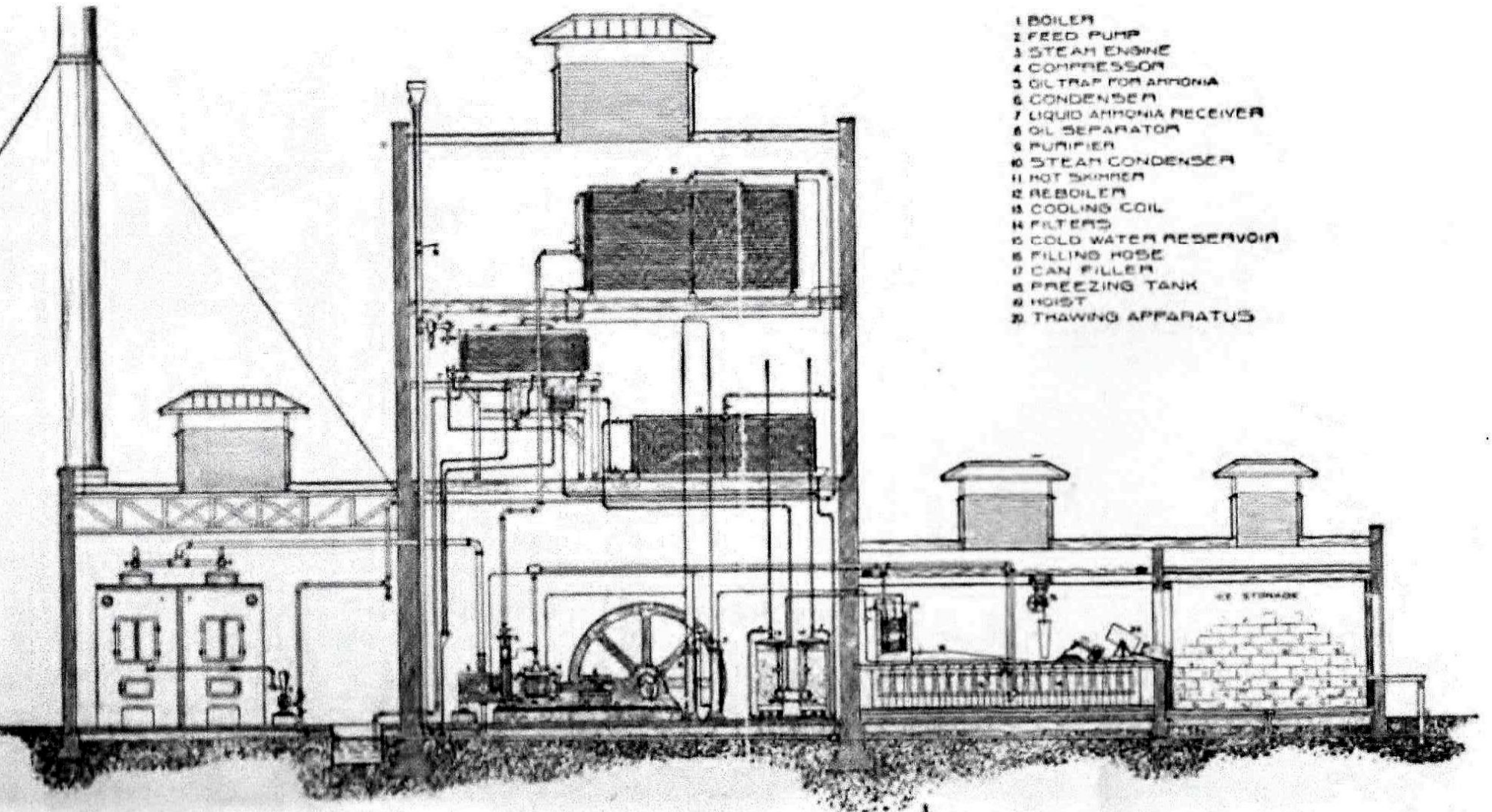


PLATE VIII.—AMMONIA ABSORPTION MACHINE.



- 1 BOILER
- 2 FEED PUMP
- 3 STEAM ENGINE
- 4 COMPRESSOR
- 5 OIL TRAP FOR AMMONIA
- 6 CONDENSER
- 7 LIQUID AMMONIA RECEIVER
- 8 OIL SEPARATOR
- 9 PURIFIER
- 10 STEAM CONDENSER
- 11 HOT SKINNER
- 12 REBOILER
- 13 COOLING COIL
- 14 FILTERS
- 15 COLD WATER RESERVOIR
- 16 FILLING HOSE
- 17 CAN FILLER
- 18 FREEZING TANK
- 19 HOIST
- 20 TRAWING APPARATUS

**PLATE XII.—ARRANGEMENT OF COMPLETE ICE PLANT.**

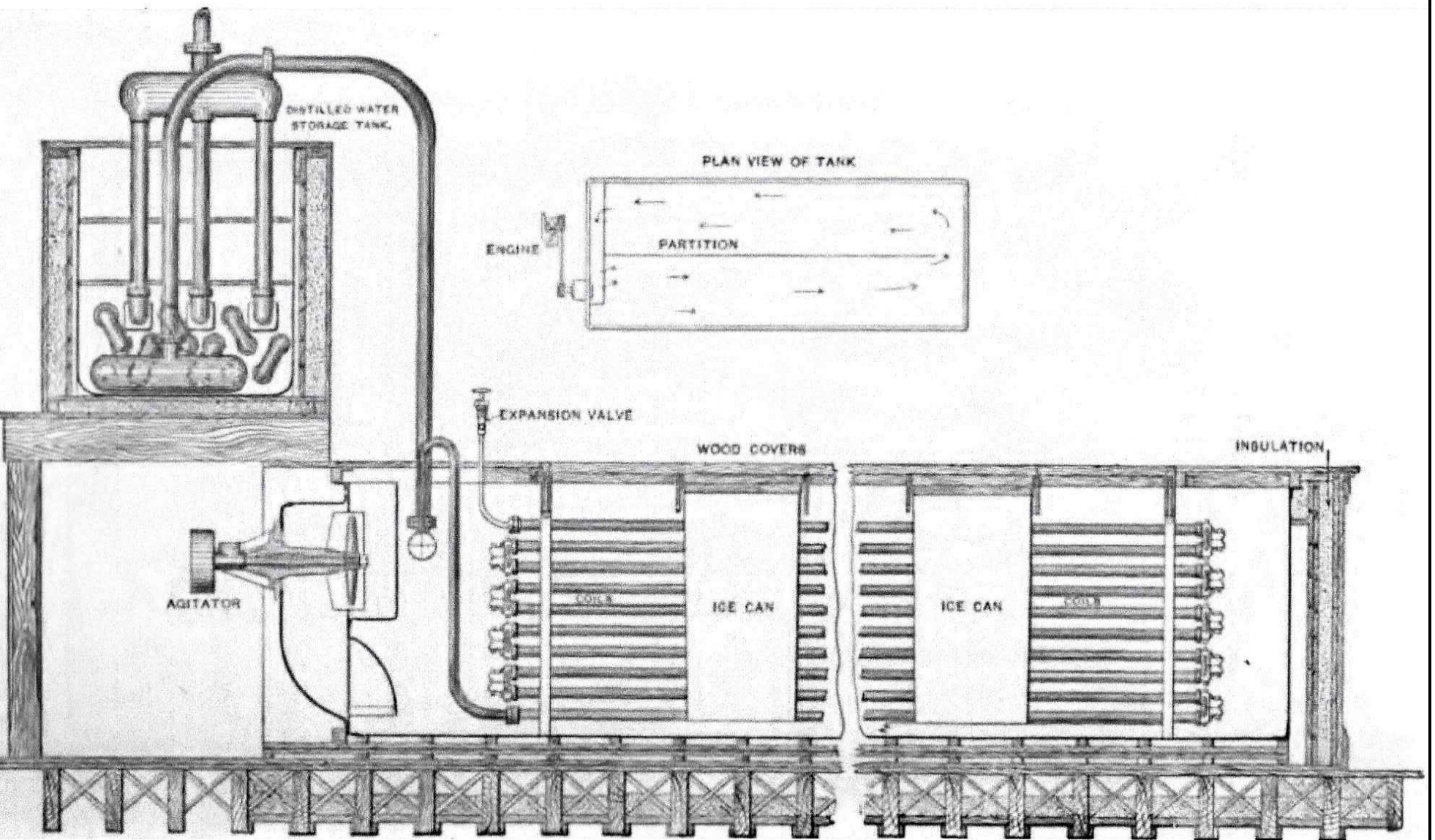


PLATE XIV.—ARRANGEMENT OF FREEZING TANKS FOR ICE FACTORY.

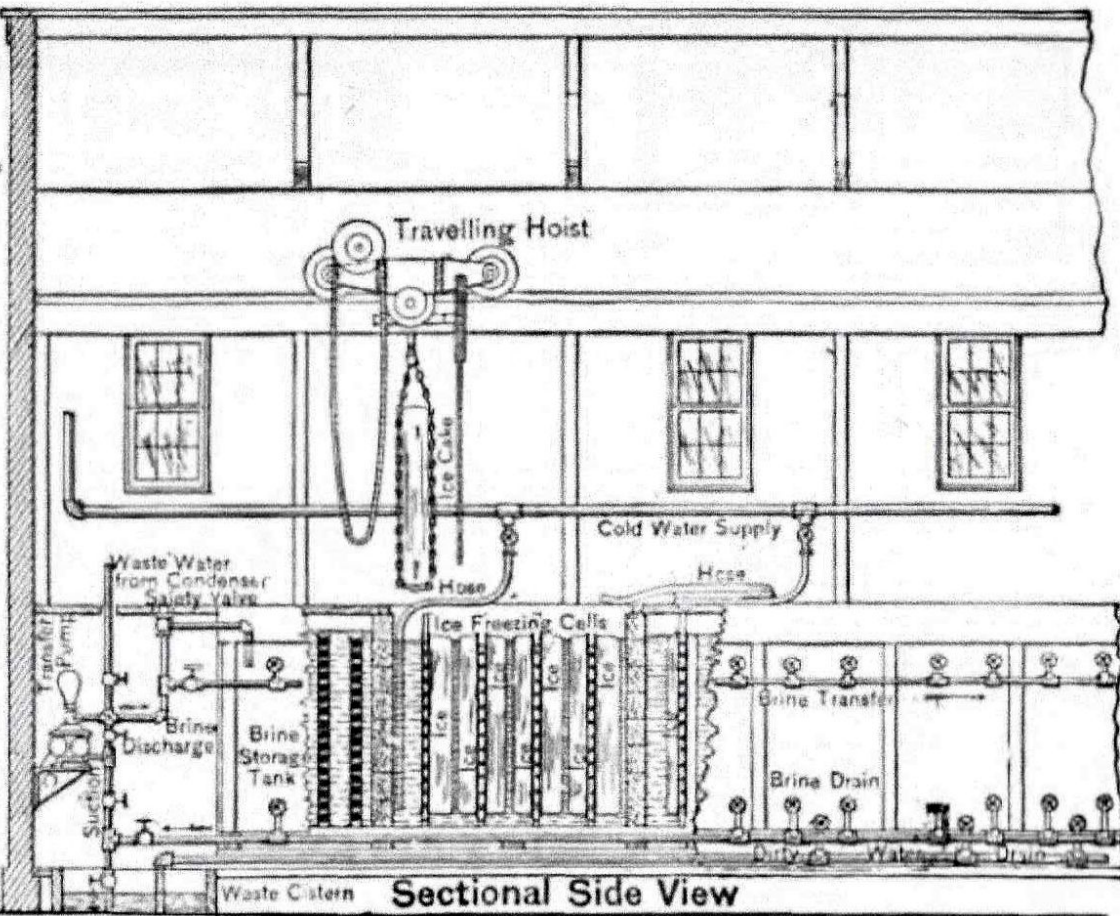
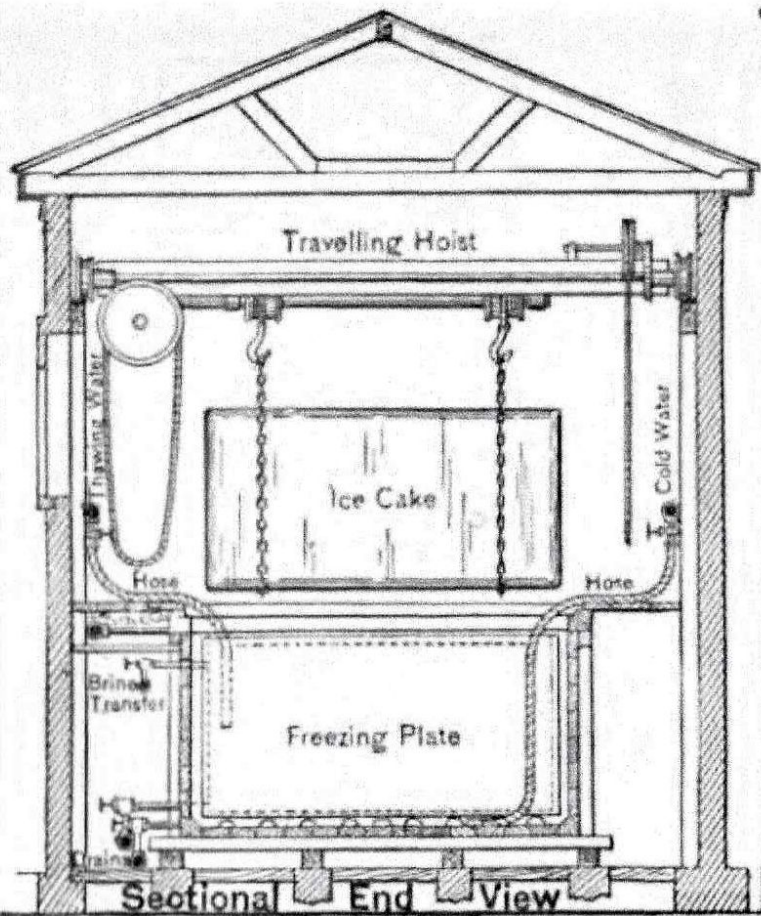


PLATE XV.—PLATE ICE PLANT.

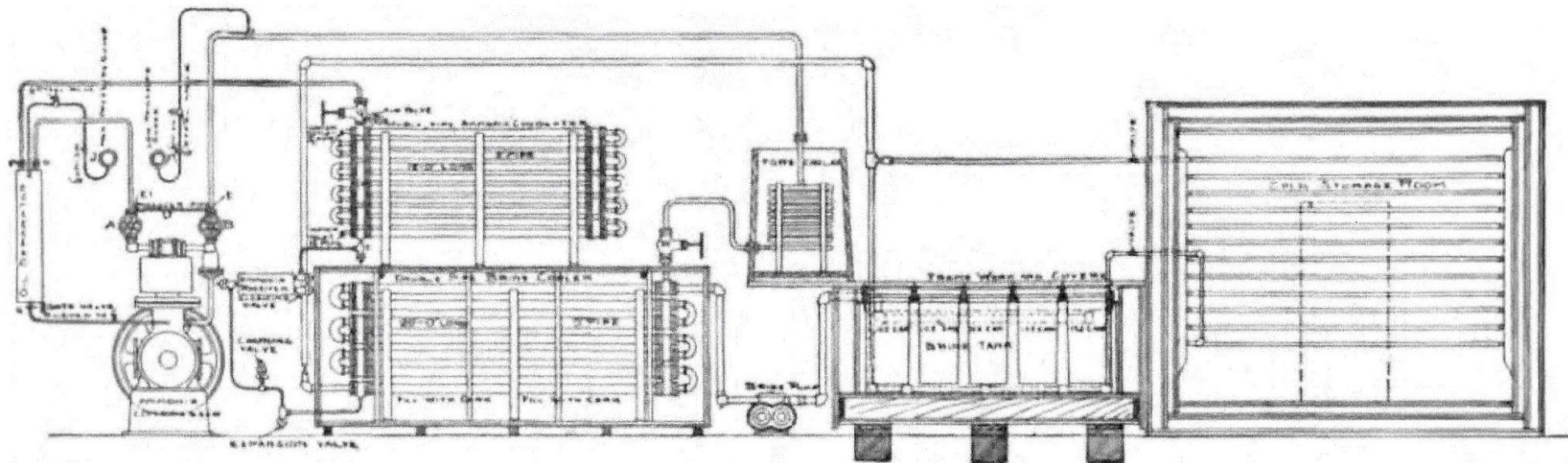


PLATE XVII.—COMBINED ICE MAKING AND REFRIGERATING PLANT ON BRINE SYSTEM, USING DOUBLE PIPE BRINE COOLER.

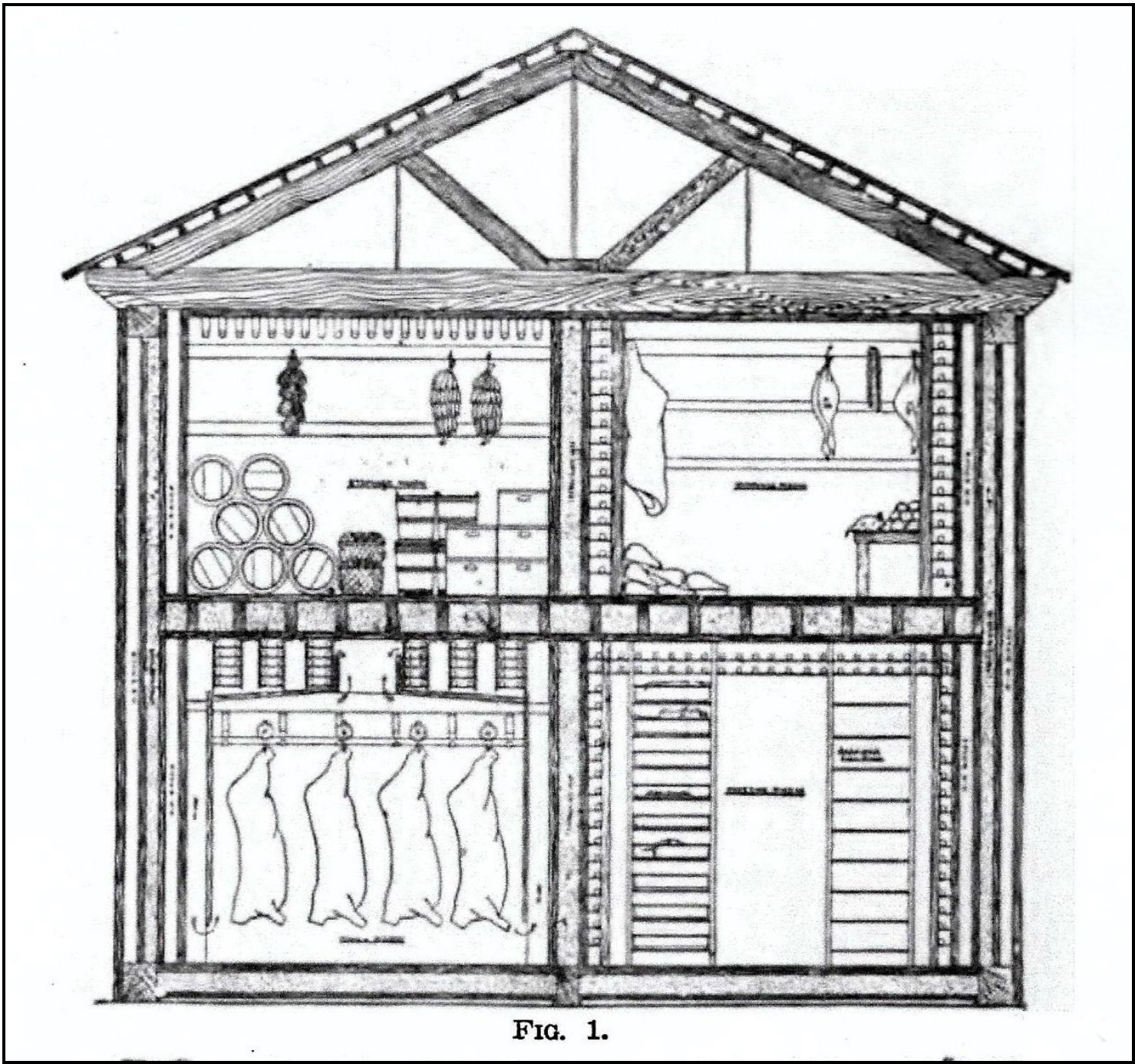


FIG. 1.



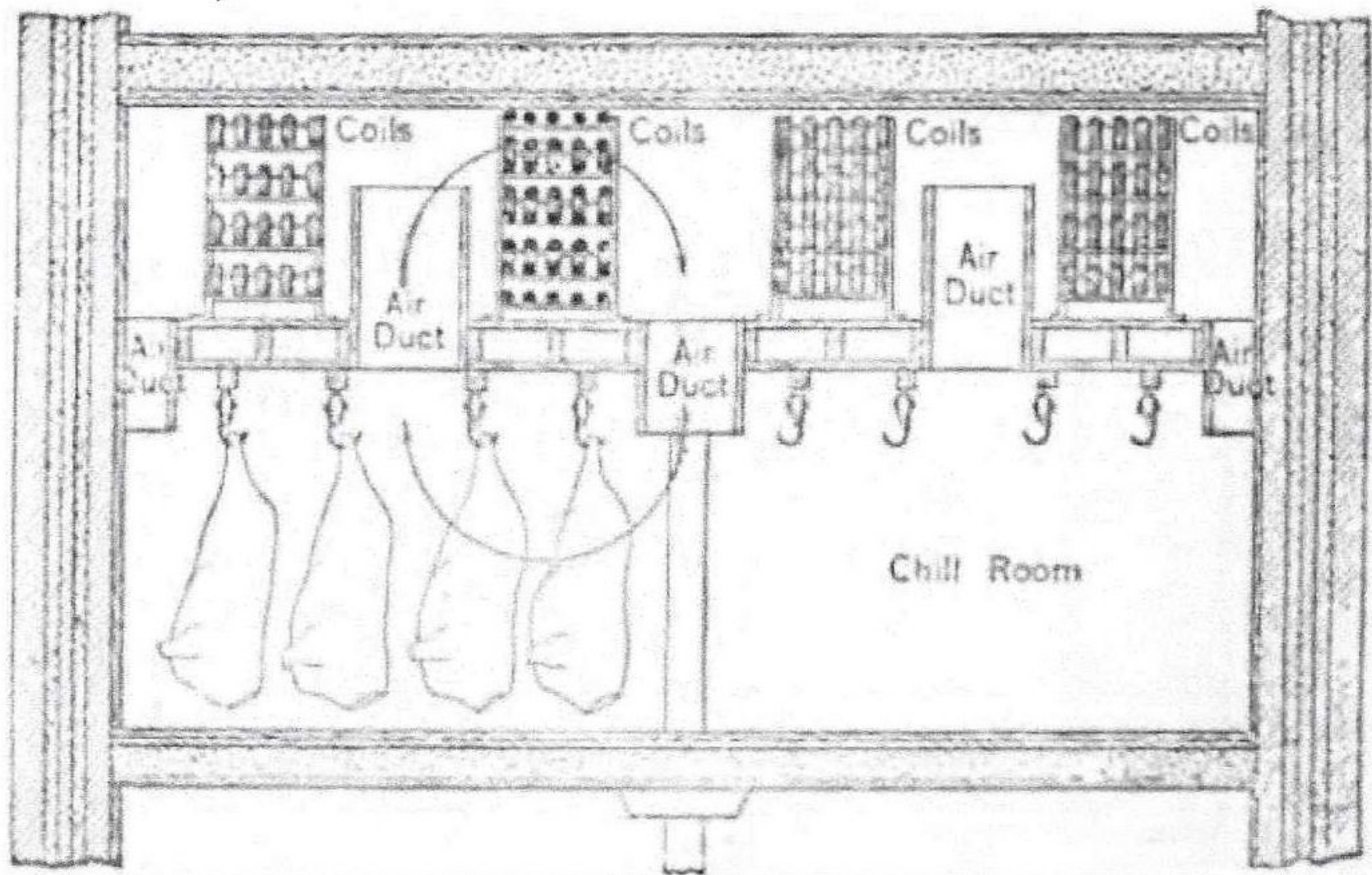


FIG. 2.

**PLATE XVIII.—PIPING FOR COLD STORAGE ROOMS.**

Fig. 1, Pipe system for cold storage room. Fig. 2, Arrangement of coils in chill room.

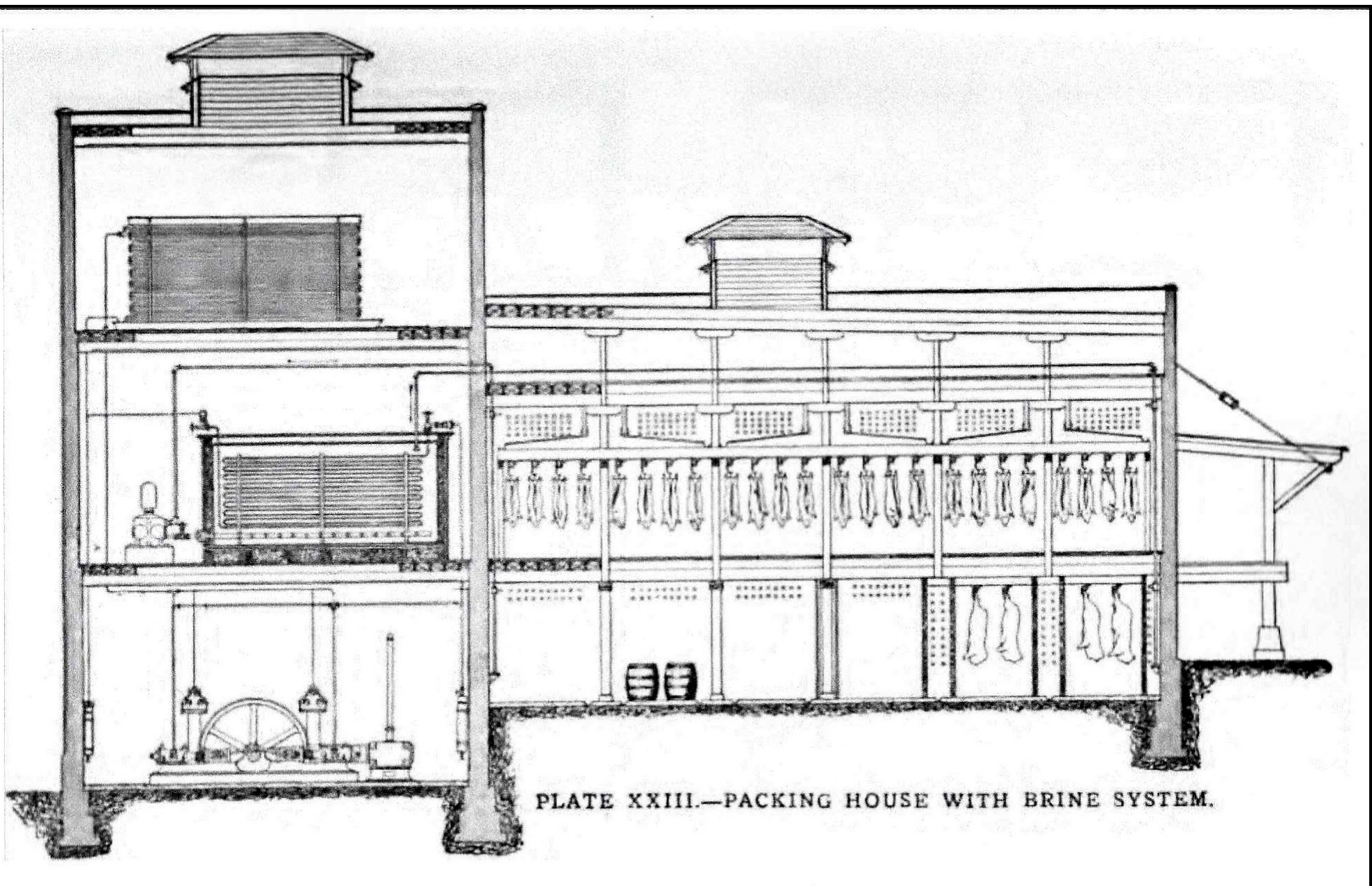


PLATE XXIII.—PACKING HOUSE WITH BRINE SYSTEM.