GPO 3—10543

FORM 113c, W. D., S. G. O.
(Revised June 13, 1936)

PLATES

F. GUTEKUNST PHILADA.

FRONT VIEW OF BUILDINGS FROM NORTHEAST.

PLATE 1.

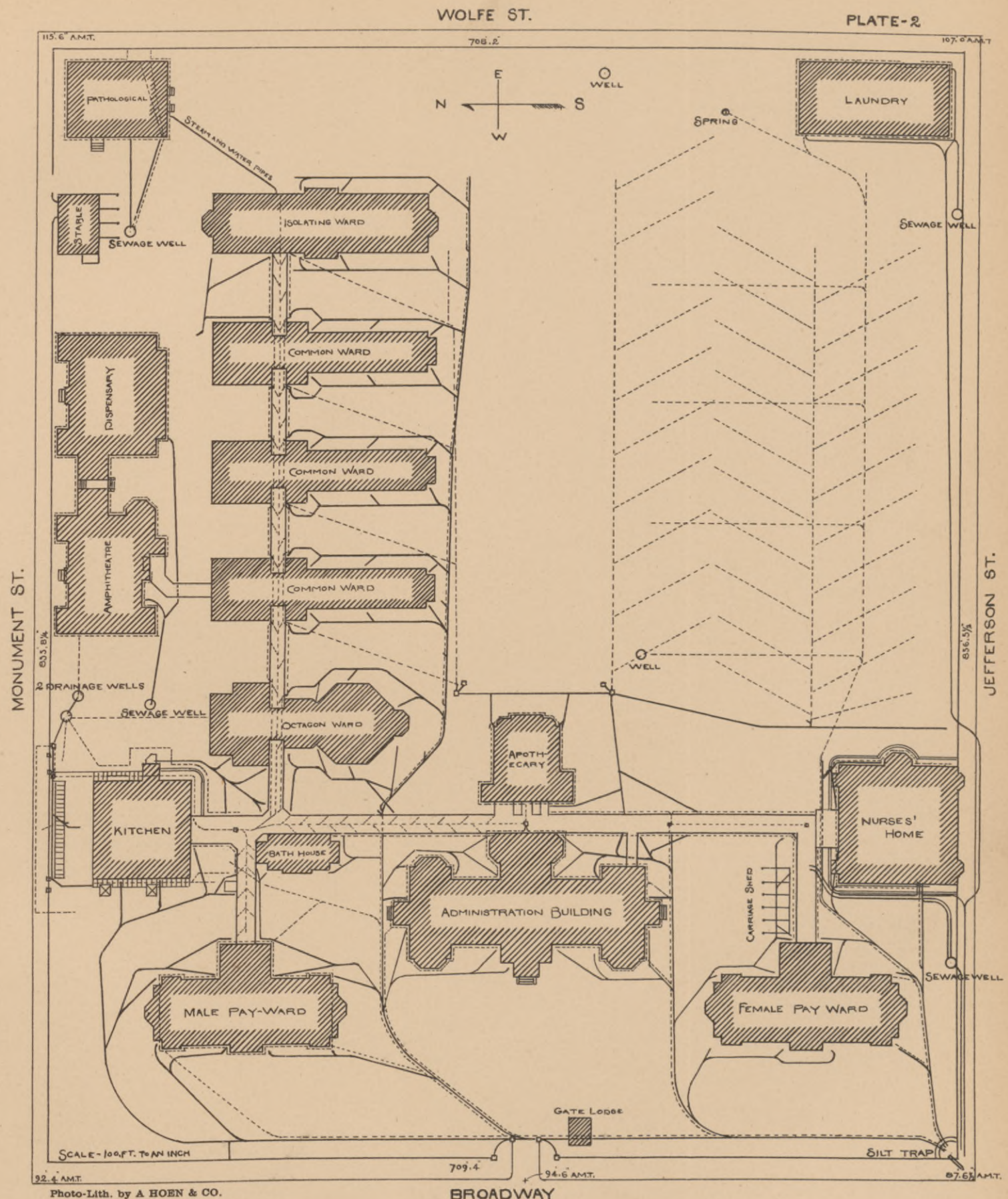


Photo-Lith. by A HOEN & CO.

BLOCK PLAN

F. GUTEKUNST PHILADA.

REAR VIEW OF BUILDINGS AND GROUNDS FROM SOUTHEAST.

PLATE 4.

CORRIDOR.

INTERIOR VIEW LOOKING SOUTH FROM KITCHEN.

PLATE 5. GENERAL HEATING.

PLANS AND SECTIONS.

A	Administration building.	R	Pathological building.
X	Apothecary's building.	K	Kitchen.
B and C	Pay wards.	L	Laundry.
D E F G and H	Wards.	Y	Bath house.
I	Isolating ward.	T	Gate lodge.
O	Dispensary.	S	Stable.
U	Amphitheatre.	H W	Hot water boilers.
N	Nurses' home.	S B	Steam boiler.

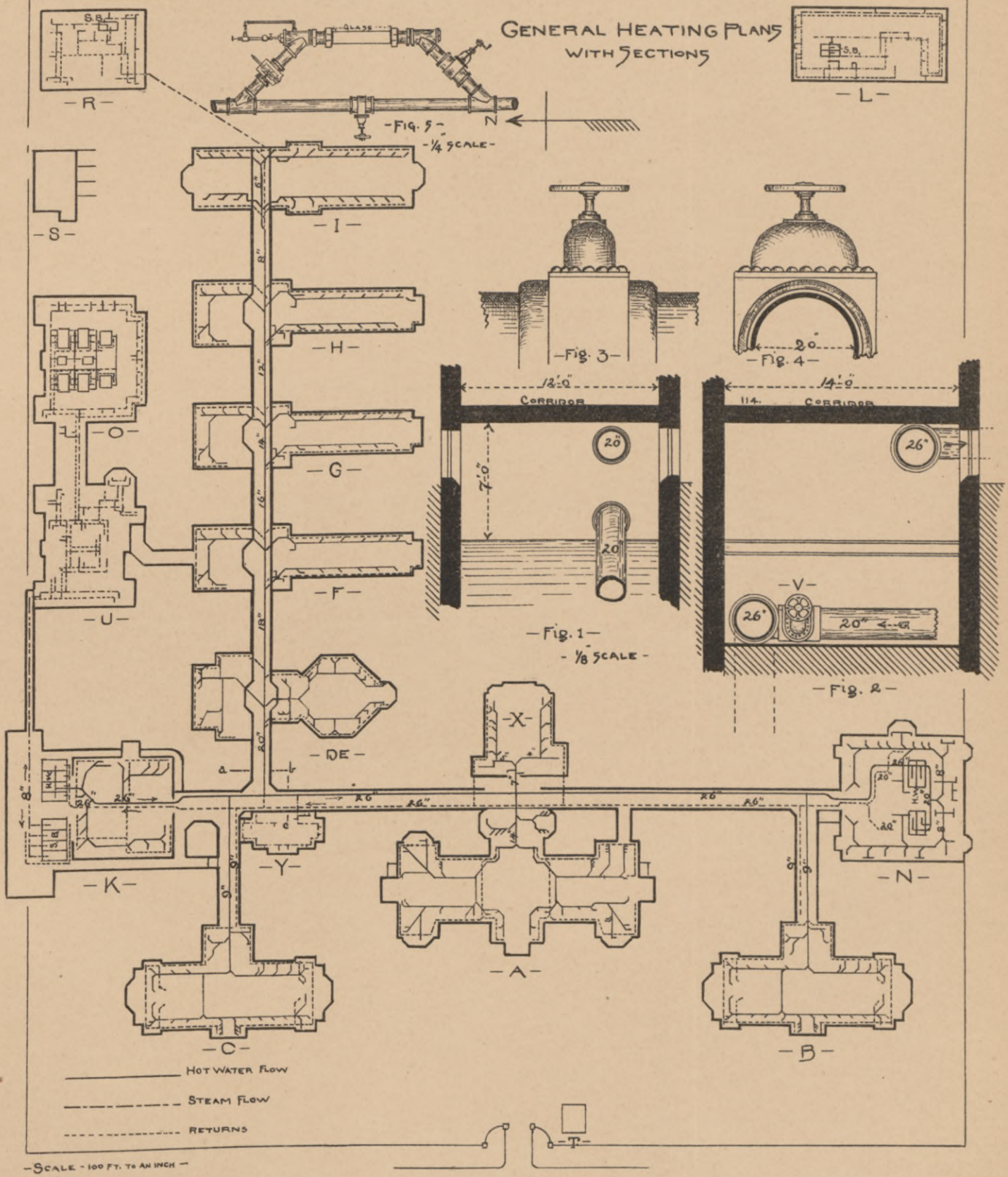
FIGURE 1. Section of corridor at *a–b*, looking east.

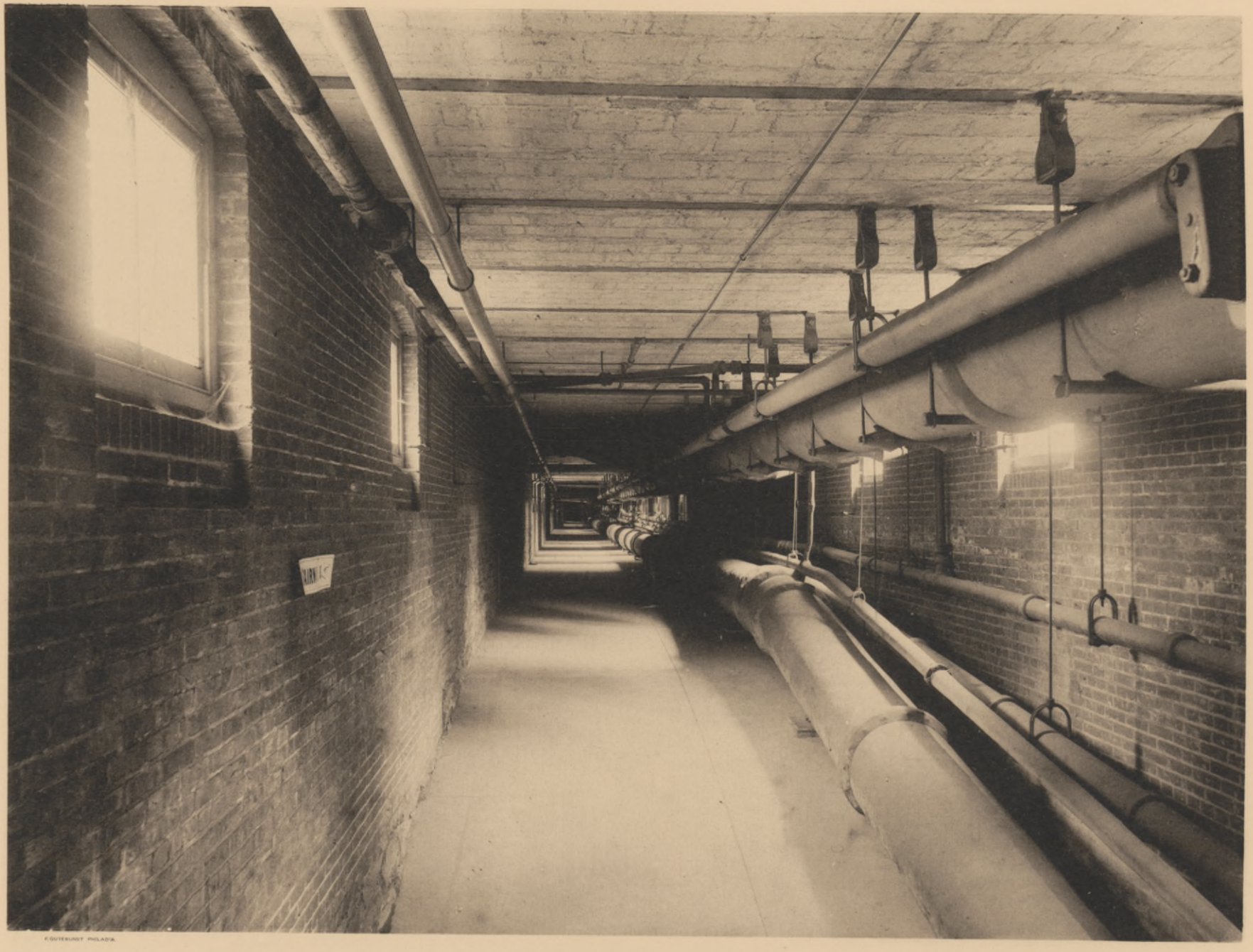
FIGURE 2. Section of corridor at *b–c*, looking north.

FIGURES 3 AND 4. Detail of cut-off valve *V*.

FIGURE 5. Switch for testing the velocity of water in heating pipes.

General Heating Plans with Sections



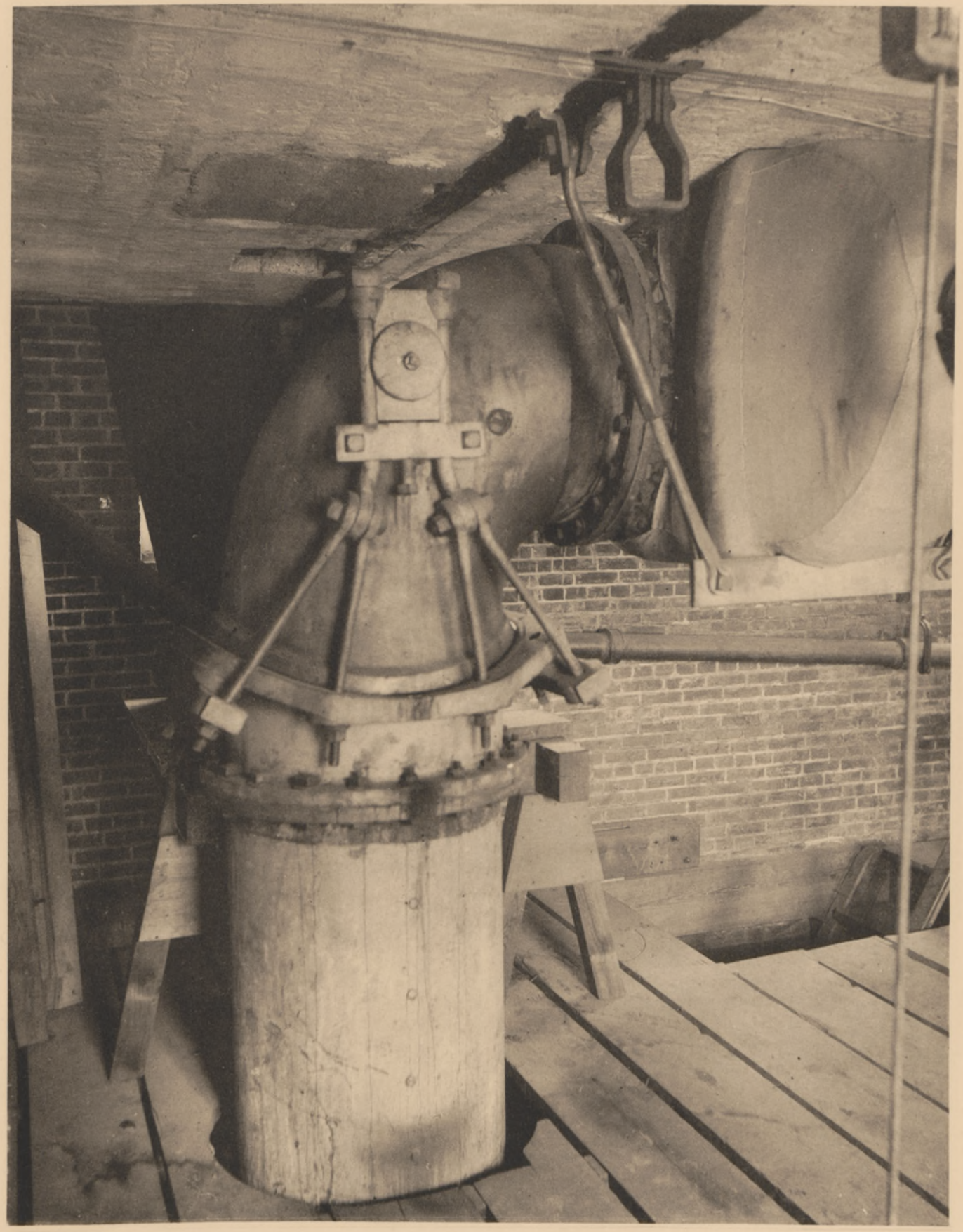


F. GUTEKUNST PHILADA.

PIPE TUNNEL

INTERIOR VIEW, LOOKING EAST.

PLATE 6.



PIPE TUNNEL.

INTERIOR VIEW, SHOWING EXPANSION JOINT.

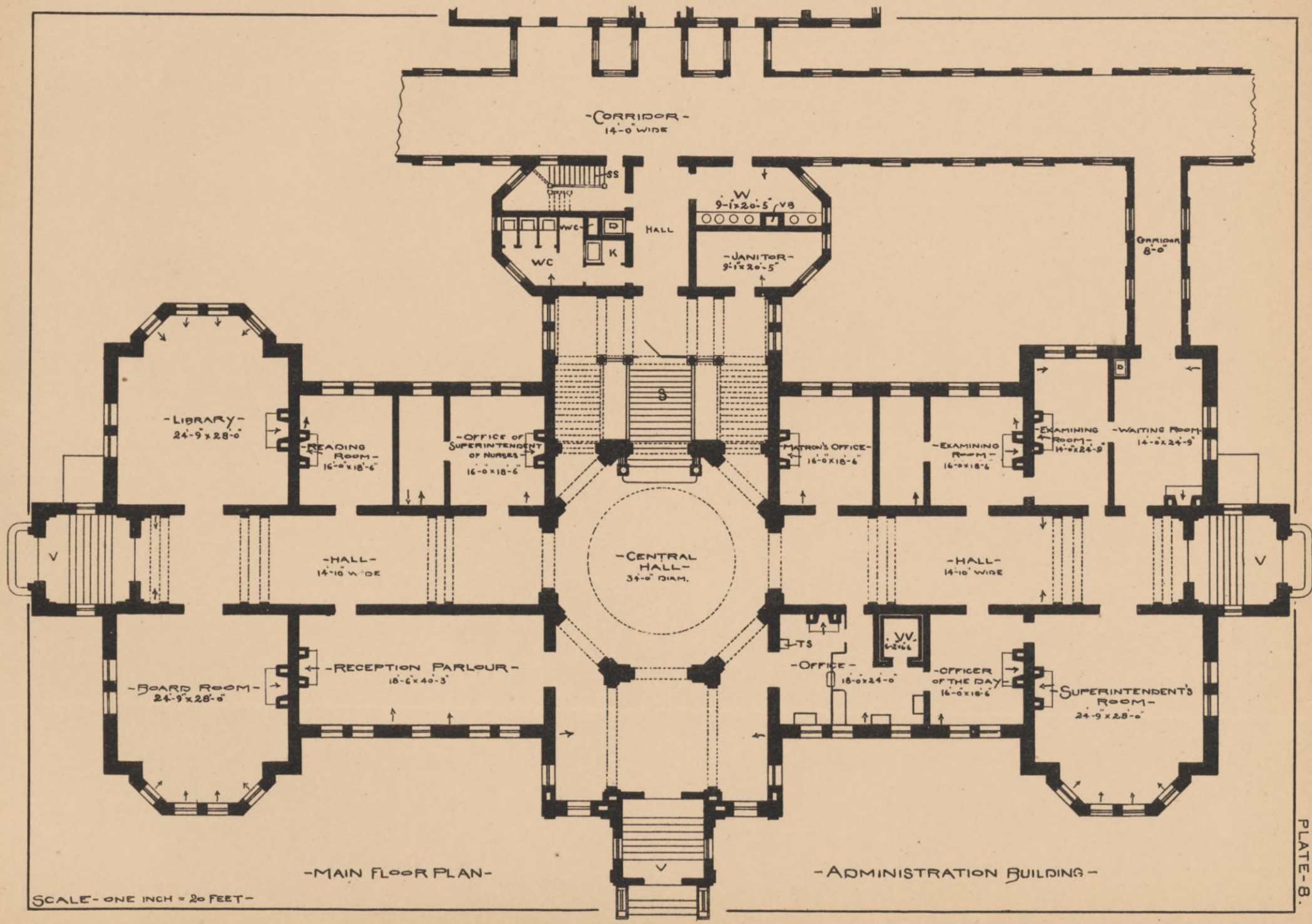
PLATE 8.

ADMINISTRATION BUILDING.

MAIN FLOOR PLAN.

FIGURE 1. Main floor.

V	Vestibule.
S	Main stairs, 10′ 0″ wide.
VV	Vaults, 6′ 2″×6′ 6″.
T S	Central telephone switch.
W	Lavatory.
W C	Water closet.
S S	Servants' stairs.
D	Lift, 2′ 8″×2′ 10″.
K	Sink room.
V W C	Ventilating shaft for water closets, 28″×36″.
V B	Ventilating shaft for lavatory and bath rooms, 24″×30″.



-MAIN FLOOR PLAN- -ADMINISTRATION BUILDING-

SCALE- ONE INCH = 20 FEET-

PLATE-8.

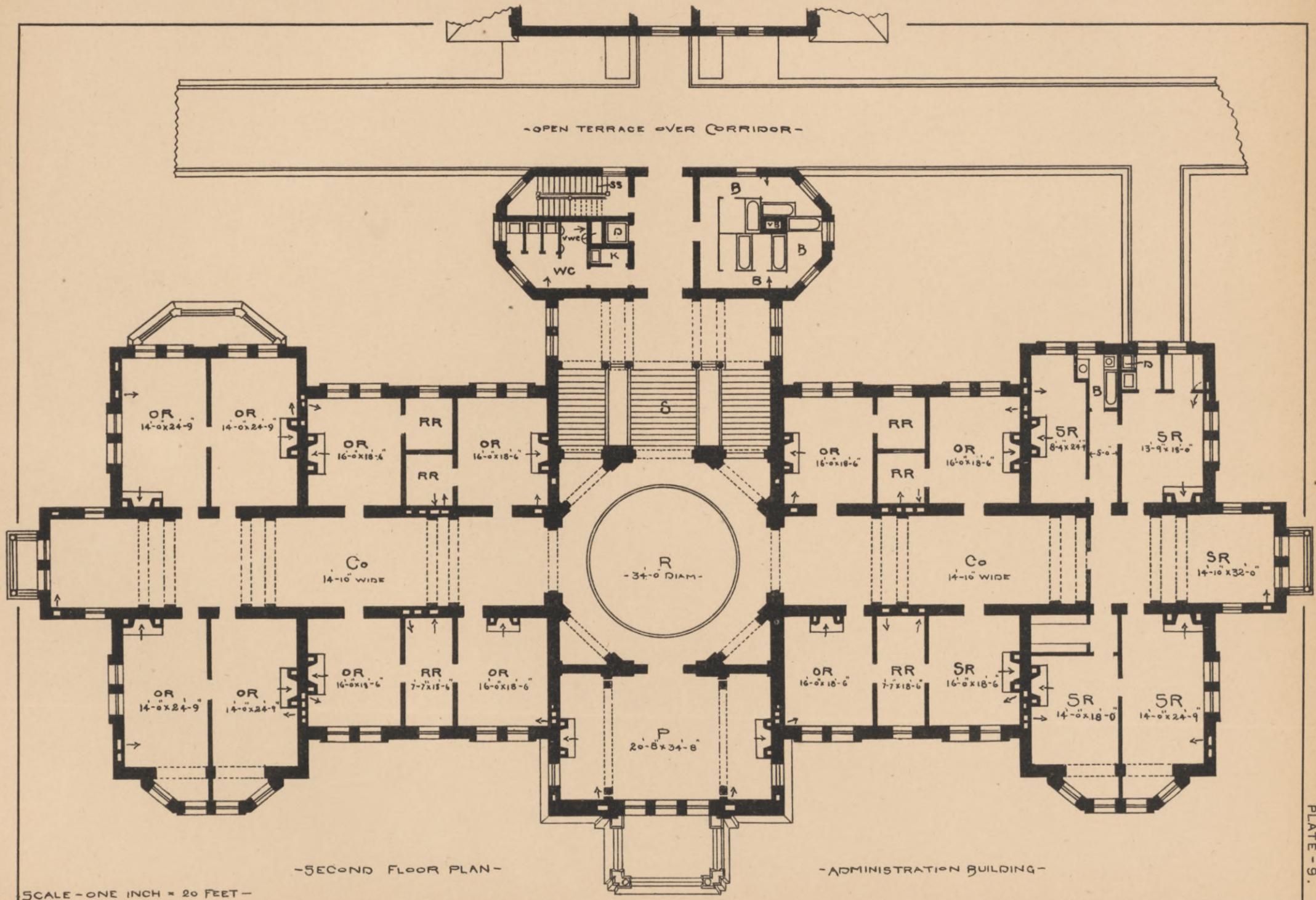
-FIG-1-

PLATE 9. ADMINISTRATION BUILDING

SECOND FLOOR PLAN.

FIGURE 1. Second floor.

P Parlor, 20′ 8″×34′ 8″.
R Rotunda, 34′ 0″ dia.
Co Corridor, 14′ 10″ wide.
S R Superintendent's rooms.
O R House officers' rooms, 14′ 0″× 24′ 9″, 16′ 0″×18′ 6″.
R R Dressing rooms.
B Bath rooms.
W C Water closet.
S S Servants' stairs.
S Main stairs.
V W C Ventilating shaft for water closets.
V B Ventilating shaft for lavatory and bath rooms.
D Lift, 2′ 8″×2′ 10″.
K Sink room.



-SECOND FLOOR PLAN-

-ADMINISTRATION BUILDING-

SCALE - ONE INCH = 20 FEET -

PLATE - 9.

- FIG. 1 -

PLATE 10. ADMINISTRATION BUILDING.

LONGITUDINAL SECTION.

FIGURE 1. One-half longitudinal section north and south.

A	Cellar floor.	G	Attic floor.
D	Main floor.	V	North vestibule.
E	Second floor.	S	Main stairs.
F	Third floor.	S D	Stairs to dome.

ADMINISTRATION BUILDING
LONGITUDINAL SECTION

SCALE - 20 FT. TO AN INCH

FIG. 1

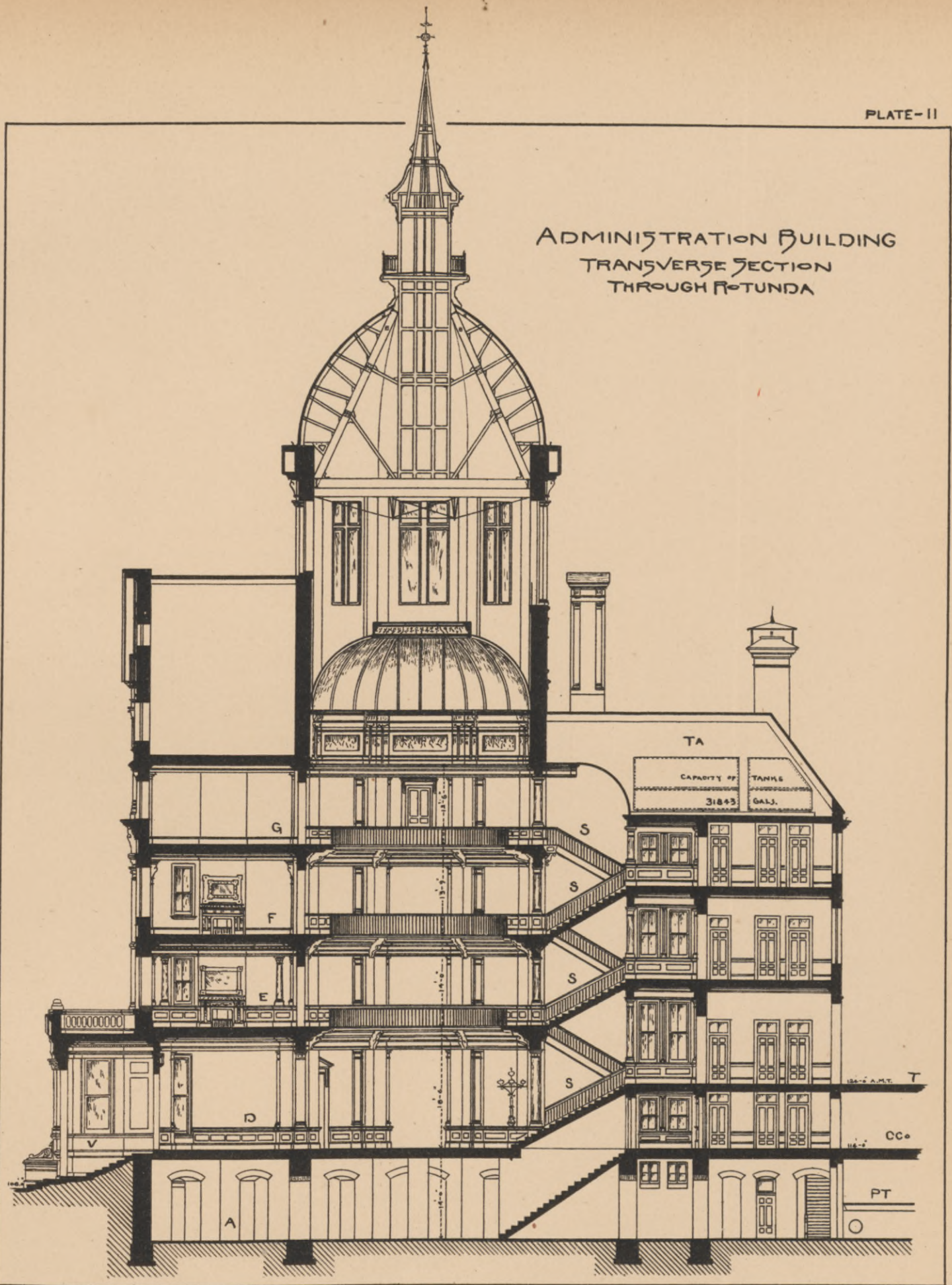
PLATE II. ADMINISTRATION BUILDING.

TRANSVERSE SECTION THROUGH ROTUNDA.

FIGURE 1. Transverse section east and west.

A	Cellar floor.	C Co	Covered corridor.
D	Main floor.	T	Open terrace over corridor.
E	Second floor.	P T	Pipe tunnel.
F	Third floor.	T A	Tank attic.
G	Attic floor.	V	Vestibule.
S	Main stairway.		

ADMINISTRATION BUILDING
TRANSVERSE SECTION THROUGH ROTUNDA



-SCALE-20 FT. TO AN INCH-

-FIG. 1-

PLATE 12. # ADMINISTRATION BUILDING.

TRANSVERSE SECTION THROUGH NORTH AND EAST WINGS.

FIGURE 1. Transverse section through north wing.

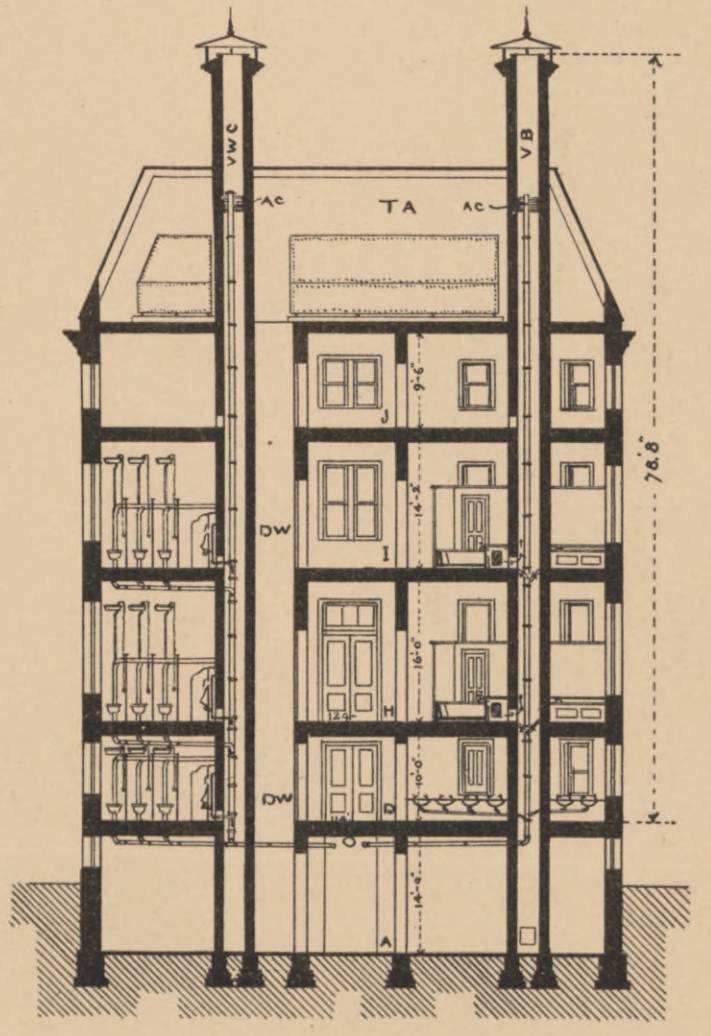
A Cellar floor.
D Main floor.
E Second floor.
F Third floor.
G Attic floor.

FIGURE 2. Section through water closet, bath rooms, etc.

A Cellar floor.
D Main floor.
H Second floor.
I Third floor.
J Fourth floor.
T A Tank attic.
V B Ventilating shaft for lavatory and bath room, 24″×30″.
V W C Ventilating shaft for water closet, 28″×36″.
D W Lift shaft.
A C Accelerating steam coils.

ADMINISTRATION BUILDING
SECTIONS THROUGH NORTH AND EAST WINGS

-FIG. 1-



-FIG. 2-

-SCALE - 20 FT. TO AN INCH -

PLATE-12

F. GUTEKUNST PHILADA.

ADMINISTRATION BUILDING.

VIEW IN TRUSTEES' ROOM.

PLATE 14.

PAY WARD.

MAIN FLOOR PLAN AND TRANSVERSE SECTION THROUGH CENTRE.

FIGURE 1. Main floor plan.

W Private ward, 12′ 0″×15′ 6″, 16′ 6″ ×20′ 0″, 13′ 0″×15′ 6″, 12′ 6″× 15′ 6″, 15′ 3″×15′ 6″, 13′ 10″× 15′ 6″.

D R Dressing room, 7′ 10″×15′ 6″.

T K Tea kitchen, 13′ 6″×15′ 6″.

W R Lavatory, 8′ 0″×10′ 7″.

W C Water closets.

H Hall (corridor), 10′ 0″ wide.

S Stairs, 6′ 6″ wide.

L Linen room, 6′ 6″×15′ 6″.

L S Light shaft, 4′ 4″×10′ 7″.

F D Food lift, 2′ 8″×3′ 10″; Vent 9″×12″.

D Lifts, 2′ 10″×2′ 10″; Vent 9″× 12″.

K Sink room, 7′ 4″×10′ 7″.

By Balcony.

B R Bath room.

FIGURE 2. Transverse section through centre east and west.

A Cellar floor.

B Basement floor.

D Main floor.

E Second floor, centre wing.

G Attic floor, centre wing.

V Ventilating flues.

A C Accelerating steam coils.

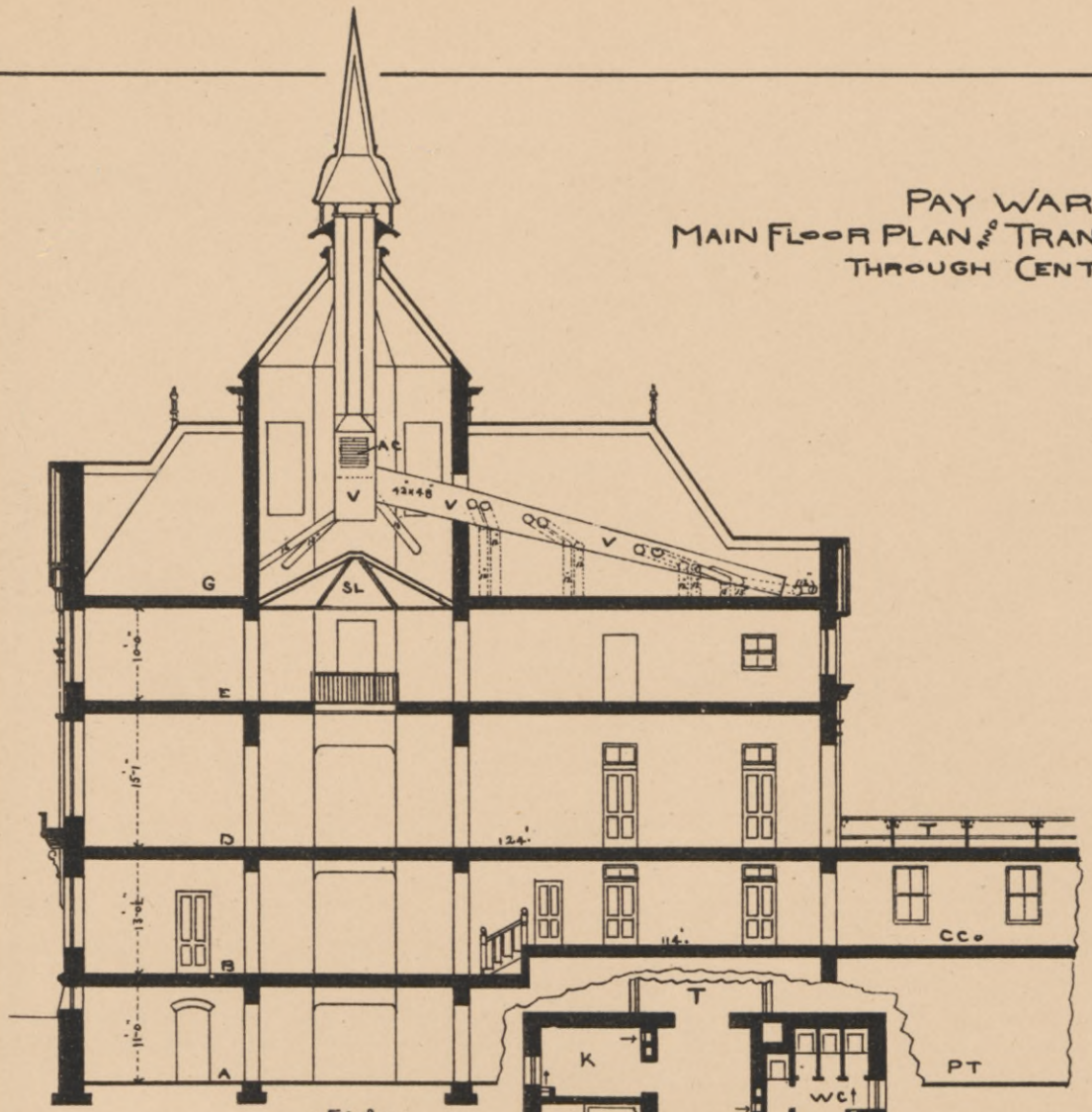
S L Skylight.

T Open terrace.

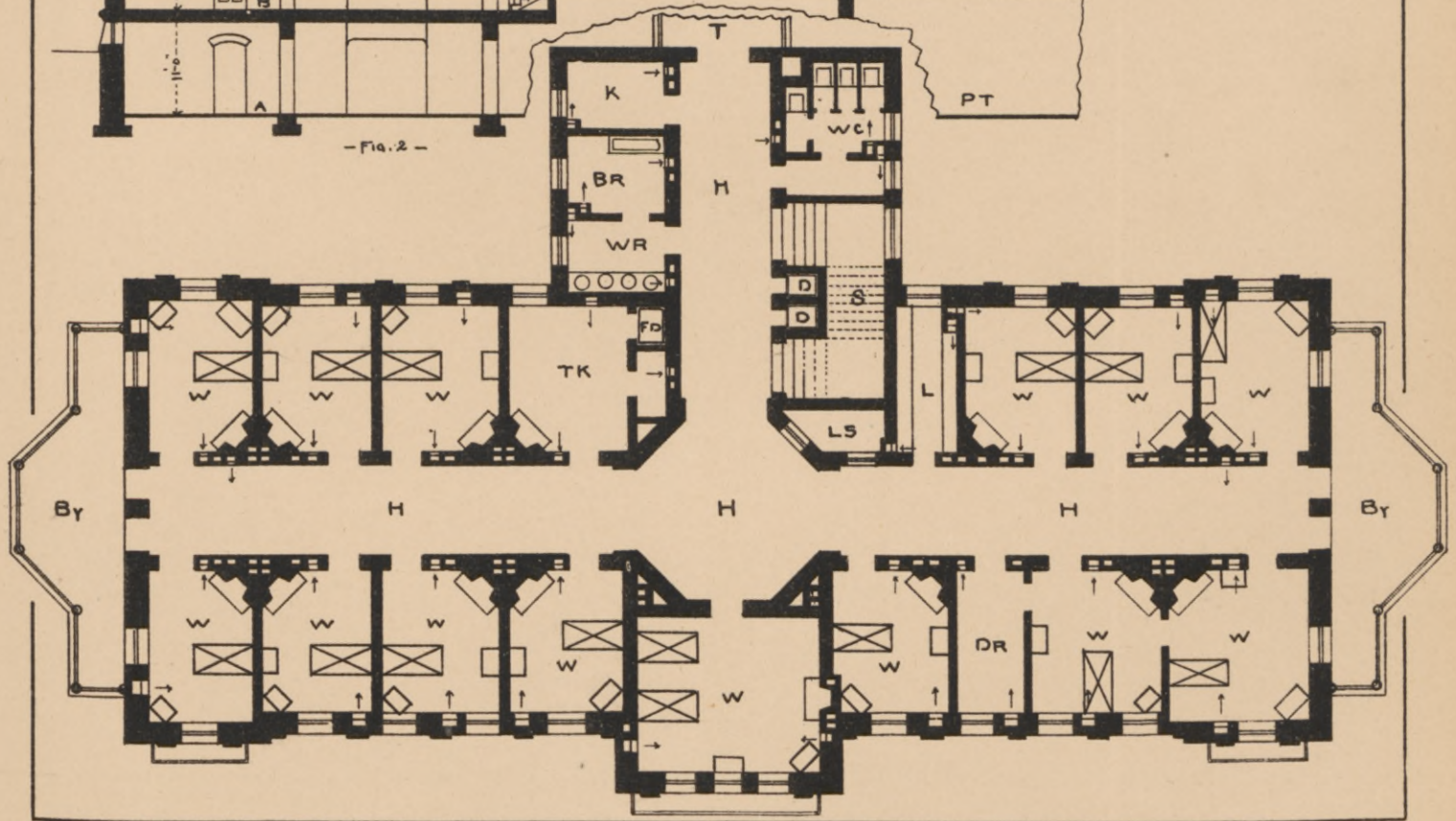
C Co Covered corridor.

P T Pipe tunnel.

PAY WARD
MAIN FLOOR PLAN AND TRANSVERSE SECTION THROUGH CENTRE



— Fig. 2 —



— SCALE - 20 FEET TO AN INCH —

— Fig. 1 —

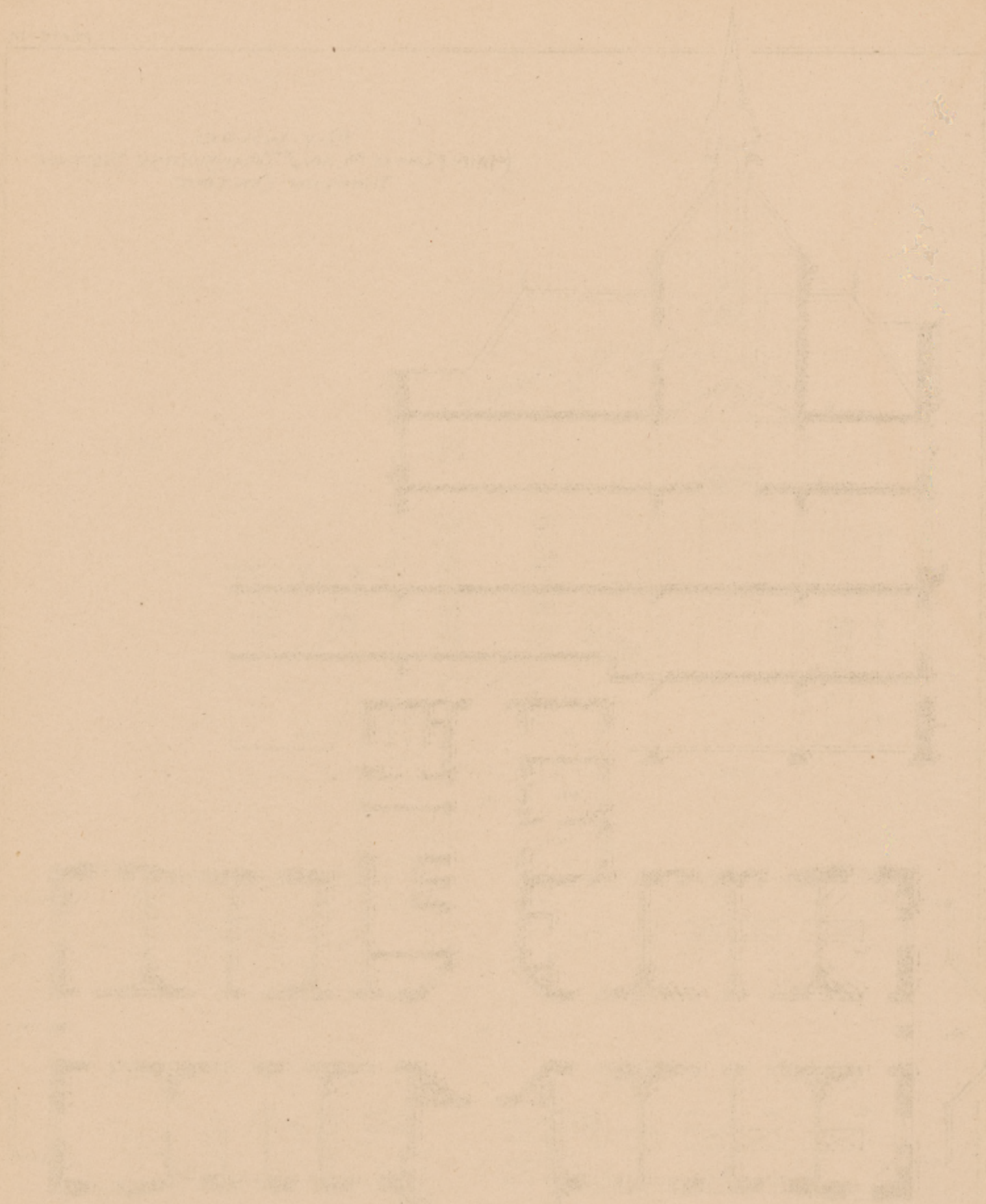


PLATE 15. PAY WARD.

LONGITUDINAL AND TRANSVERSE SECTIONS.

FIGURE 1. Longitudinal section north and south.

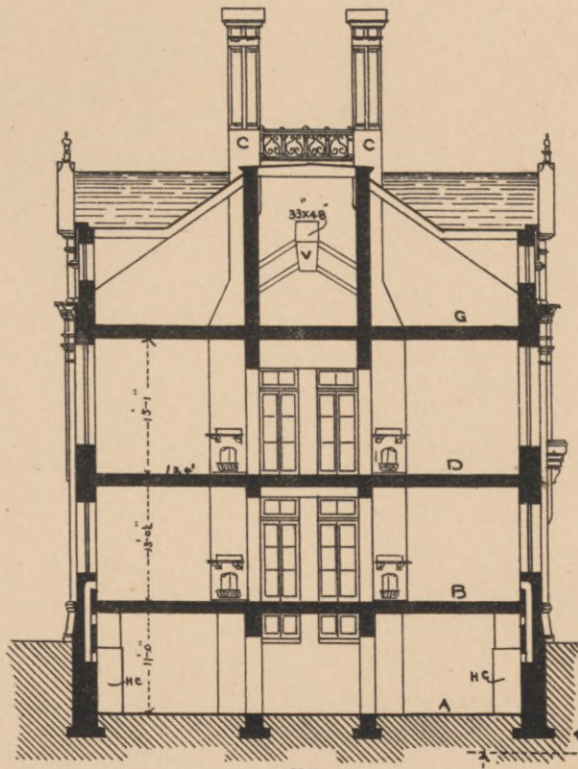
A Cellar floor.
B Basement floor.
D Main floor.
G Attic floor.
V Ventilating flues.
A C Accelerating steam coils.
S L Skylight.
C Smoke chimneys.
By Balcony.

FIGURE 2. Transverse section through north wing.

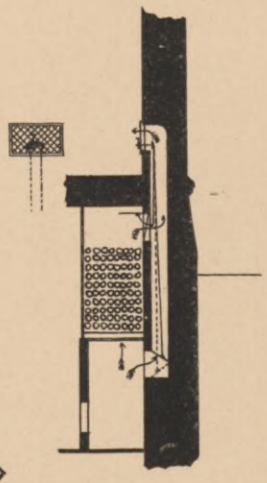
A Cellar floor.
B Basement floor.
D Main floor.
G Attic floor.
V Ventilating flues.
C Smoke chimneys.
H C Heat chambers.

FIGURE 3. Section of heat chamber.

PAY WARD
LONGITUDINAL AND TRANSVERSE SECTIONS



– FIG. 2 –



– FIG. 3 –
– 1/8 SCALE –

– FIG. 1 –

– SCALE – 20 FEET TO AN INCH –

PAY WARD.

VIEW IN ROOMS.

PLATE 16.

PLATE 17.

OCTAGON WARD.

BASEMENT AND FIRST FLOOR PLANS.

FIGURE 1. Basement plan.

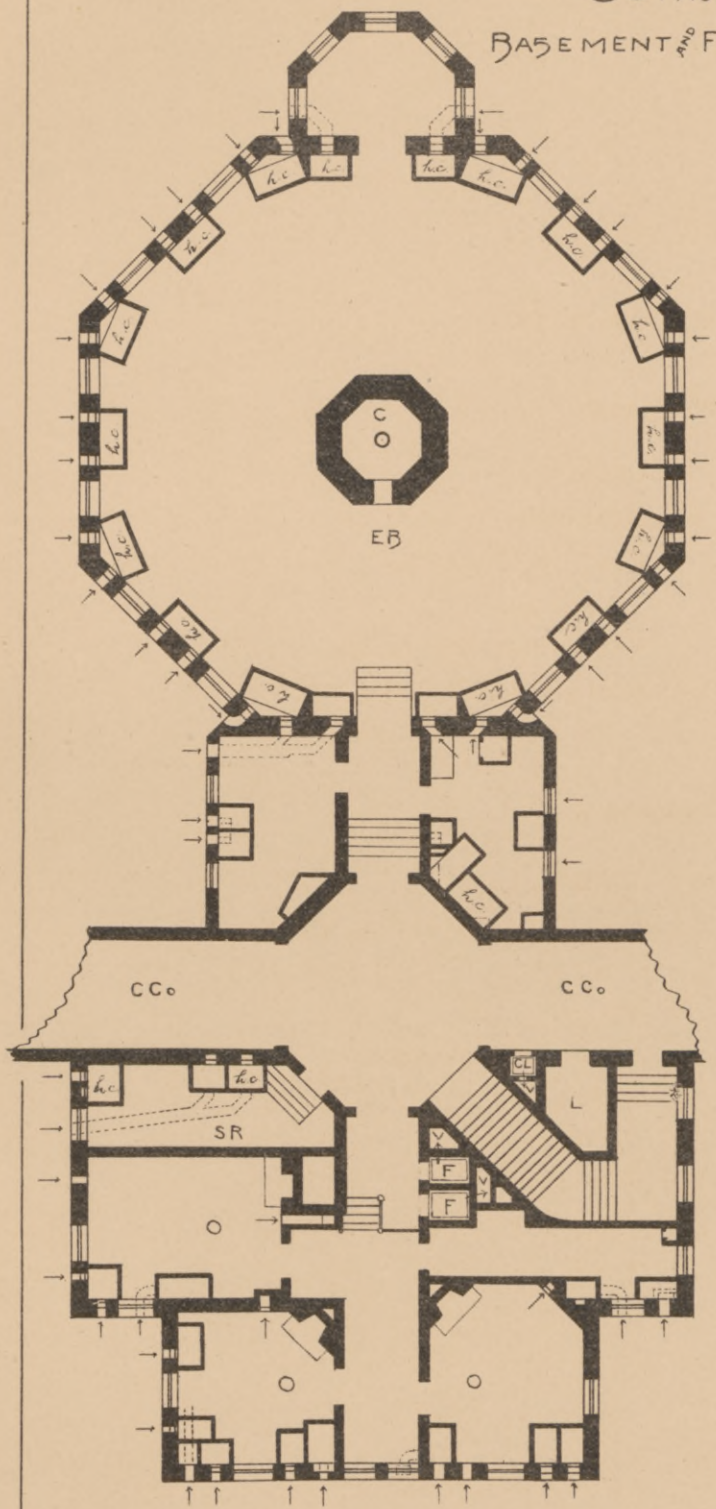
C Central ventilating chimney, 8′ 0″×8′ 0″.
E B Empty basement, 57′ 8″×57′ 8″.
O Orderlies, 15′ 0″×19′ 0″, 15′ 4″ ×16′ 3″, 15′ 4″×18′ 6″.
C Co Covered corridor, 12′ 0″ wide.
S R Store room.
L Closet.
h c Heat coils.
F Food lift, 2′ 10′×4′ 0″; Vent 10″ diameter.
V Ventilating shaft for lift.
C L Coal and soiled clothes lift, 2′ 0″ ×2′ 7″; Vent 10″ diameter.

FIGURE 2. Main floor plan.

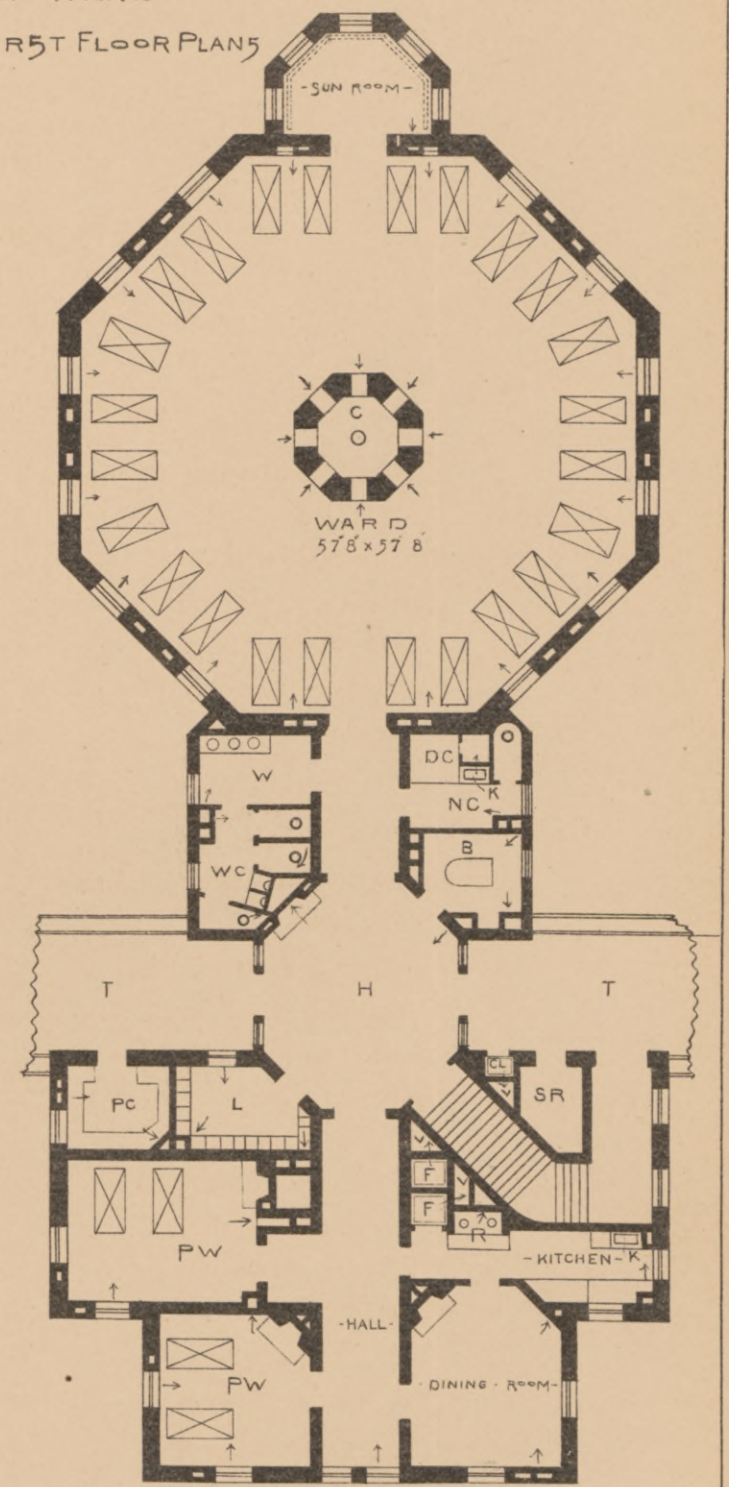
C Central ventilating chimney, 8′ 0″×8′ 0″.
V Ventilating shaft for lift.
H Central hall, 20′ 6″×24′ 0″.
P W Private wards, 15′ 0″×19′ 0″, 15′ 4″×16′ 3″.
W Lavatory, 7′ 4″×11′ 3″.
B Bath room, 8′ 0″×10′ 0″.
W C Water closets, 9′ 0″×13′ 0″.
P C Patients' clothing, 9′ 0″×13′ 0″.
L Clean linen closet, 9′ 0″×11′ 0″.
N C Nurses' closet.
C L Coal and soiled clothes lift, 2′ 0″ ×2′ 7″.
R Range.
F Food lifts, 2′ 10″×4′ 0″.
K Sink.
D C Drying closet.
S R Store room.
T Open terrace over corridor, 12′ 0″ wide.

OCTAGON WARD

BASEMENT AND FIRST FLOOR PLANS



-FIG. 1-



-FIG. 2-

-SCALE - ONE INCH - 20 FEET -

PLATE 18. # OCTAGON WARD.

LONGITUDINAL AND TRANSVERSE SECTIONS.

FIGURE 1. Longitudinal section north and south.

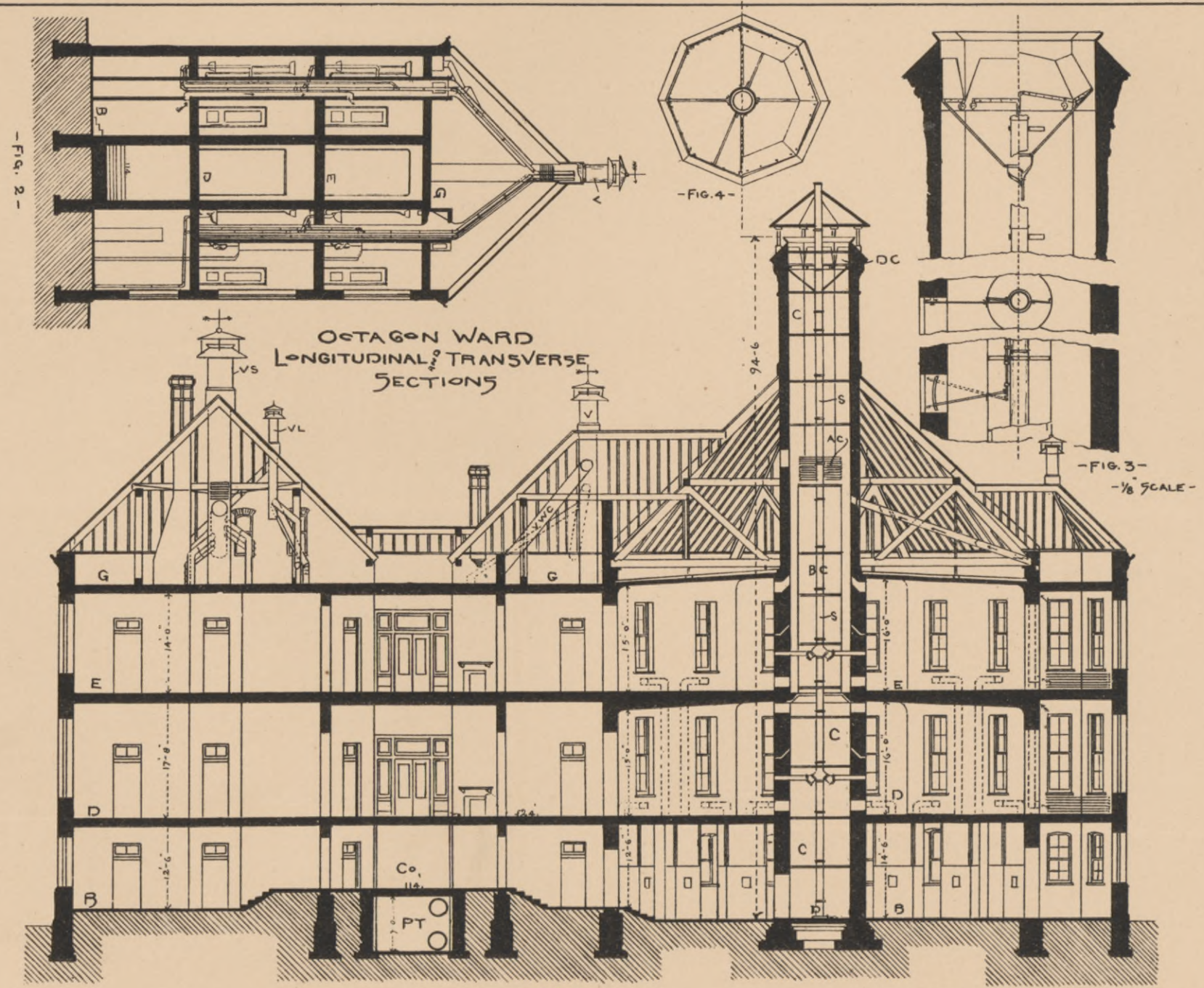
C Central ventilating chimney, 8′ 0″×8′ 0″.
B C Boiler iron cylinder, 6′ 0″ dia.
A C Accelerating steam coils.
V W C Vent pipe from water closet, 24″ diameter.
V Ventilator for water closet, bath room and lavatory, 32″ diameter.
V S Ventilator for special wards, 42″ diameter.
V L Ventilator for linen closet and clothes room, 14″ diameter.
Co Corridor.
P T Pipe tunnel.
B Basement floor.
D Main floor.
E Second floor.
G Attic floor.
D C Chimney damper.
S Smoke pipe.

FIGURE 2. Transverse section through water closets, dry closets, etc., east and west.

V Ventilator for water closet, bath room and lavatory, 32″ diameter.
B Basement floor.
D Main floor.
E Second floor.
G Attic floor.

FIGURE 3. Section of ventilating chimney showing damper.

FIGURE 4. Plan of chimney damper.


OCTAGON WARD
LONGITUDINAL & TRANSVERSE
SECTIONS
-FIG. 2-
-FIG. 4-
-FIG. 3-
-1/8" SCALE-
-FIG. 1-
-SCALE - 20 FT. TO AN INCH -
PLATE - 18
DC
VS
VL
V
S
AC
BC
G
E
D
C
B
PT
94-6
14'-0"
17'-6"
12'-6"
15'-0"
13'-0"

F. GUTEKUNST PHILAD'A.

OCTAGON WARD.

INTERIOR VIEW.

F. DUTEKUNST PHILADA.

OCTAGON WARD.

VIEW FROM SOUTHEAST.

PLATE 20.

PLATE 21. # COMMON WARD.

MAIN FLOOR PLAN AND SECTIONS.

FIGURE 1. Plan of ward floor.

C Central ventilating chimney, 4′ 8″×4′ 8″.
V Exit of ventilating ducts.
U Ventilating shaft for lift.
H Central hall, 20′ 6″×32′ 0″.
P W Private wards, 16′ 10″×17′ 0″, 16′ 10″×15′ 2″.
W Lavatory.
B Bath room, 7′ 7″×11′ 6″.
W C Water closet.
P C Patients' clothing, 8′ 5″×11′ 6″.
L Clean linen closet, 5′ 0″×8′ 5″.
N C Nurses' closet.
C L Coal and soiled clothes lift, 2′ 6″ ×2′ 10″.
R Range.
F Food lift, 2′ 10″×2′ 10″.
K Slop sink.

FIGURE 2. Transverse section of Service Building through kitchen.

C Central ventilating chimney, 4′ 8″×4′ 8″.
V W Ventilating shafts for water closets, 24″ diameter.
W C Ventilation for water closets, 20″ and 16″ diameter.
P W Ventilation for private wards, 18″×22″.
D R Ventilation for dining room, 17″×24″.
C L V Coal and soiled clothes lift vent, 10″ diameter.
F V Food lift vent, 10″ diameter.
P L V Patients' clothing and clean linen vent, 10″ diameter.

FIGURE 3. Transverse section through ward.

C Central ventilating chimney, 4′ 8″ ×4′ 8″.
X Foul air duct in attic, 48″×51″.
V Foul air duct in basement, 12′ sq.
h c Heating coil.

COMMON WARD
MAIN FLOOR PLAN AND SECTIONS

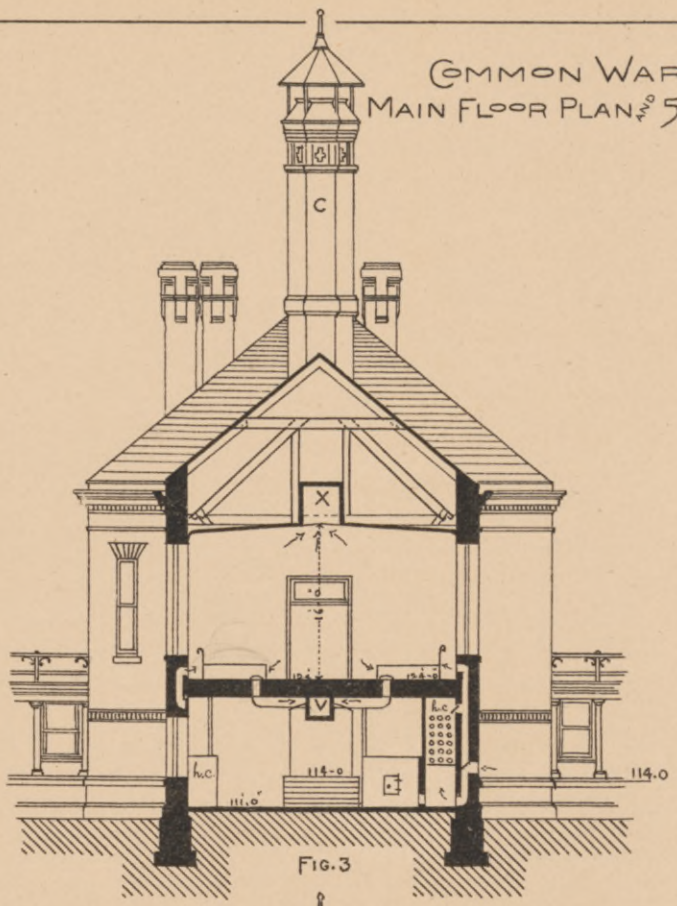
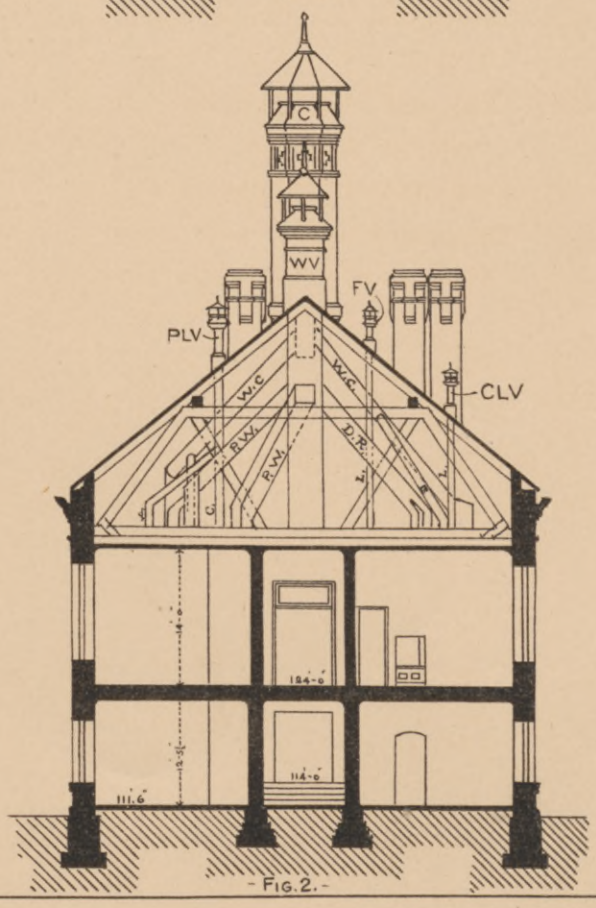


FIG. 3



- FIG. 2. -

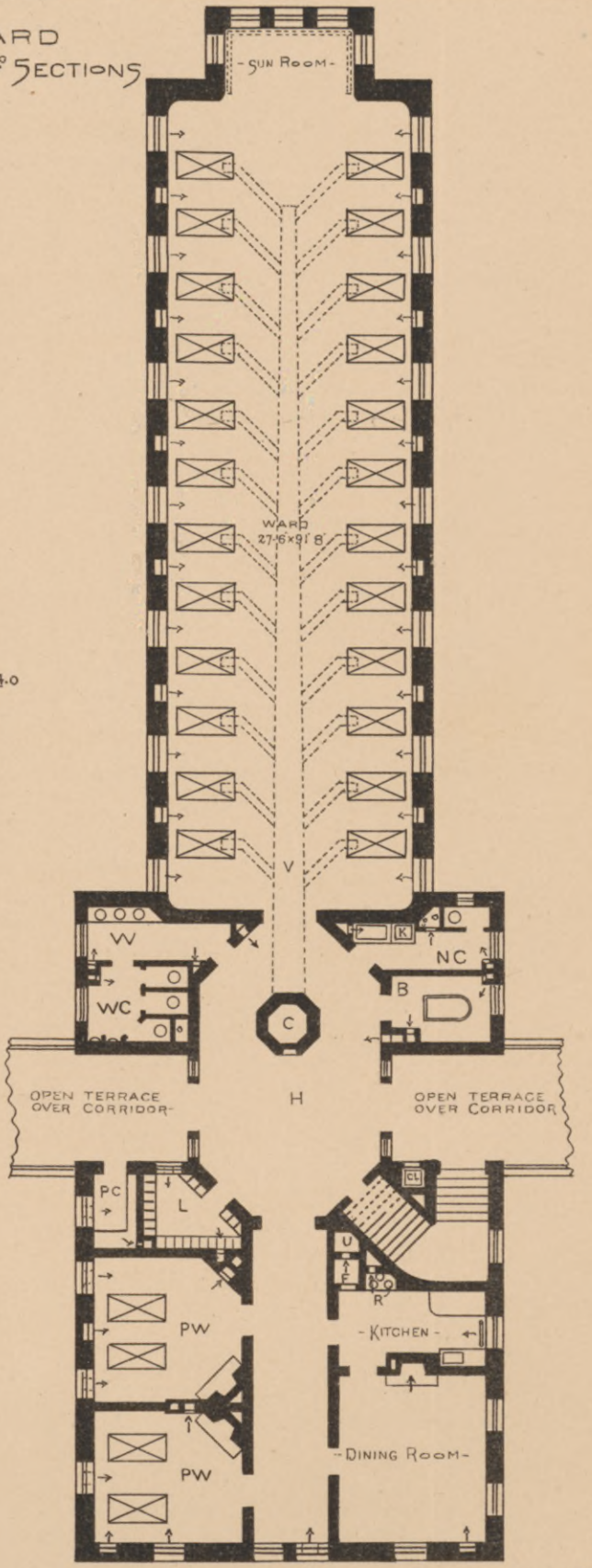


FIG. 1.

- SCALE - ONE INCH - 20 FEET. -

PLATE 22.

COMMON WARD.

BASEMENT AND ATTIC FLOOR PLANS.

FIGURE 1. Basement.

C Central ventilating chimney, 4′ 8″ ×4′ 8″.

V W Ventilating duct from ward floor, area 12 sq. ft.

V Vent shaft (water closet and nurses' closets).

A R Airing room (soiled blankets, beds, etc.), 11′ 5″×15′ 5″.

h c Heating coils.

F D Fan duct.

F Fan.

S Stairway, 6′ 0″ wide.

I K and L Clinical laboratory, 16′ 10″ ×17′ 0″, 16′ 10″×19′ 7″, 16′ 10″ ×8′ 6″.

D R Directors' room, 16′ 10″×15′ 2″.

Co Corridor, 12′ 0″ wide.

S R Store room, 8′ 2″×16′ 10″.

C L Coal and soiled clothes lift, 2′ 6″ ×2′ 10″.

F Food lift, 2′ 10″×2′ 10″.

FIGURE 2. Plan of attic story.

C Central ventilating chimney, 4′ 8″×4′ 8″.

V W Ceiling vent, ward, 48″×51″.

V P Vent shaft (private wards), 36″ diameter.

V D P Vent ducts (private wards), 18″ ×22″ and 17″×24″.

V C Vent shaft (water closets, baths, etc.), 24″ diameter.

V D C Vent ducts (water closets), 20″ diameter.

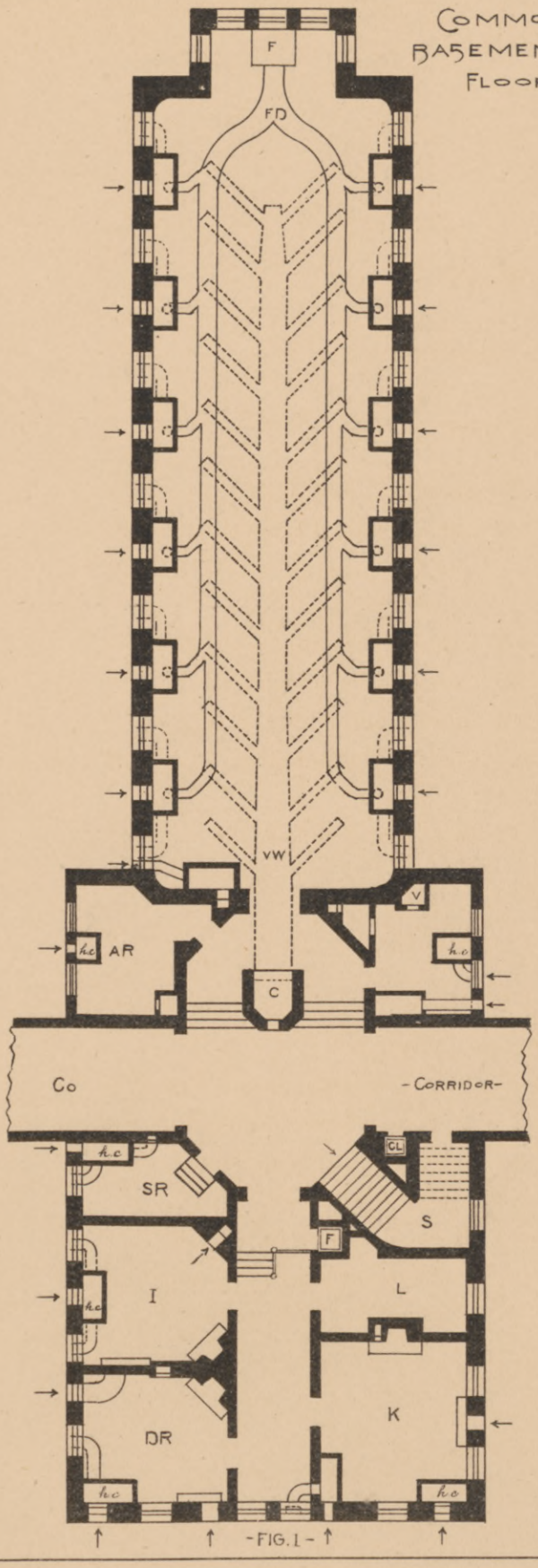
V N Vent, nurses' closet (slop hopper, water closets and dry closets), 16″ diameter.

V B Vent, bath room, 9″×12″.

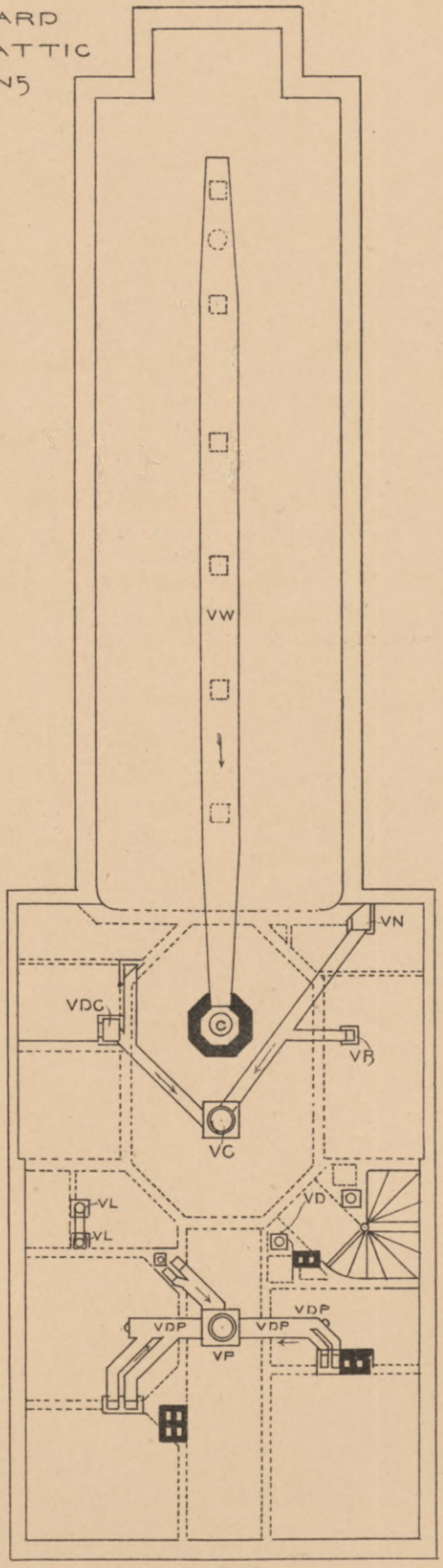
V L Vent, linen room and patients' clothes room, 10″ diameter.

V D Lift vent, 10″ diameter.

COMMON WARD BASEMENT AND ATTIC FLOOR PLANS



-FIG.1-



-FIG.2-

PLATE 23.

COMMON WARD.

LONGITUDINAL SECTION NORTH AND SOUTH.

FIGURE 1. Longitudinal section of ward.

B Basement floor.
D Main floor.
G Attic floor.
P T Pipe tunnel, 7′ 0″×10′ 0″.
C Central ventilating chimney, 4′ 8″ ×4′ 8″.
A C Accelerating steam coils.
X Foul air duct in attic, 48″×51″.
V Foul air duct in basement, area 12 square feet.
V W Ventilating shaft for water closets, 24″ diameter.
W C Vent pipe from water closets, 20″ and 16″ diameter.
D R Vent pipe from dining room, 17″ ×24″.
P W Vent pipe from private wards, 18″×22″.
G V Attic ventilation, 24″ diameter.
V D Lift vent, 10″ diameter.
V L Linen and patients' clothes room vent, 10″ diameter.
V P Vent shaft (private wards), 36″ diameter.
h c Heat coils.

FIGURE 2. Section of heating coil chamber.

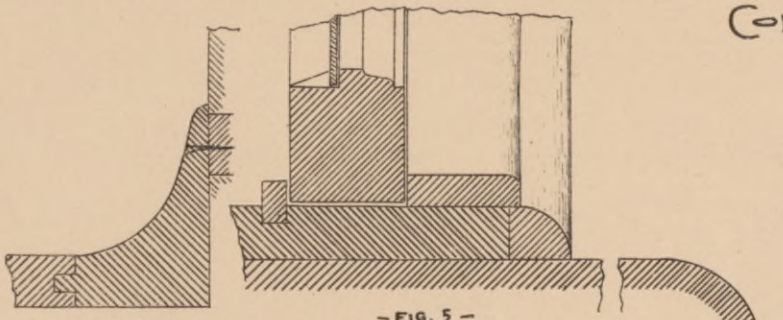
FIGURE 3. Section and plans of ventilating chimney showing damper.

FIGURE 4. Plan of doors showing finish.

FIGURE 5. Plan of windows showing finish.

FIGURE 6. Section of washboard.

COMMON WARD-LONGITUDINAL SECTION NORTH AND SOUTH

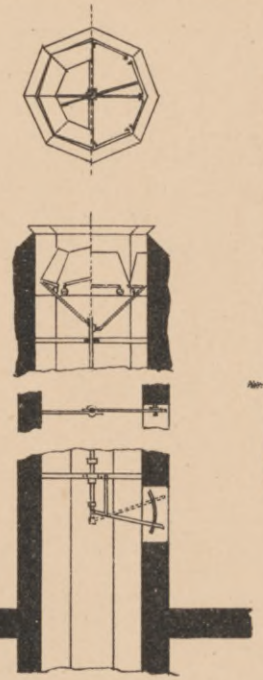


-FIG. 6-

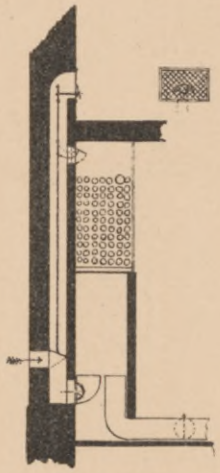
-FIG. 5-

-SCALE-3 IN.= ONE FOOT-

-FIG. 4-



-FIG. 3-



-FIG. 2-

-1/8" SCALE-

-FIG. 1-

-SCALE - 20 FT. TO AN INCH-

PLATE-23

F. GUTEKUNST PHILADA.

PLATE 24.

COMMON WARD.

INTERIOR VIEW.

F. GUTEKUNST PHILADA.

COMMON WARD.

VIEW FROM SOUTHEAST.

PLATE 26.

ISOLATING WARD.

PLANS AND TRANSVERSE SECTION.

FIGURE 1. Plan of ward floor.

O C	Open air corridor, 10′ 0″ wide.	D C	Dry closet.
P	Patients' rooms, 11′ 0″×13′ 1″.	W C	Water closet.
I	Rooms with perforated floors, 13′ 1″×13′ 10″.	T	Open terrace over corridor, 12′ 0″ wide.
N	Nurses' rooms, 13′ 5″×15′ 8″.	K	Sink.
D K	Diet kitchen, 11′ 0″×13′ 1″.	By	Balcony.
F	Food lift, 2′ 8″×2′ 10″.	D	Lift, 2′ 5″×3′ 2″ and 3′ 0″×3′ 5″.
B	Bath room.	S	Stairs.
L	Linen closet.		

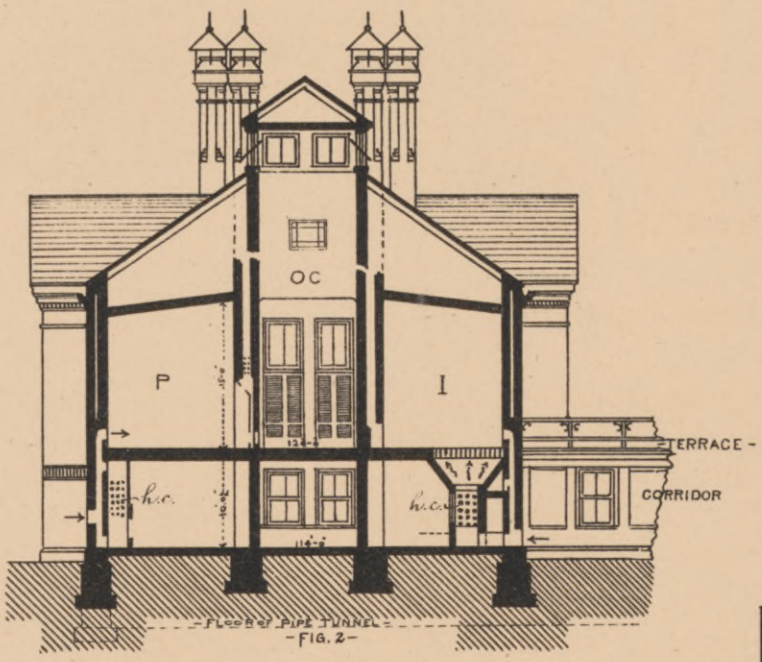
FIGURE 2. Transverse section.

O C	Open air corridor, 10′ 0″ wide.	I	Rooms with perforated floors.
P	Patients' rooms.	h c	Heating coils.

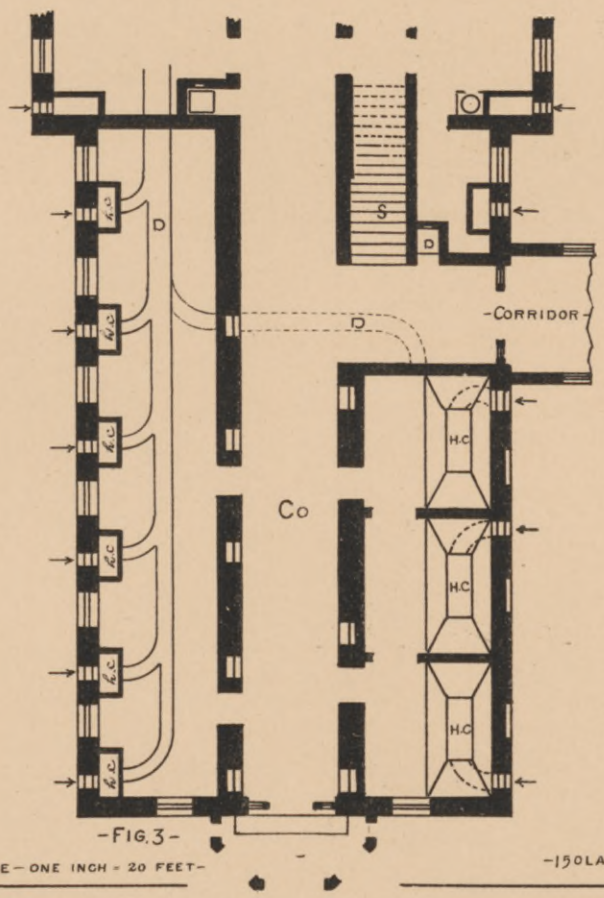
FIGURE 3. Plan of north end of basement.

Co	Corridor, 10′ 0″ wide.	D	Fan duct.
S	Stairs.	h c	Heating coils.

ISOLATING WARD
PLANS AND TRANSVERSE SECTION

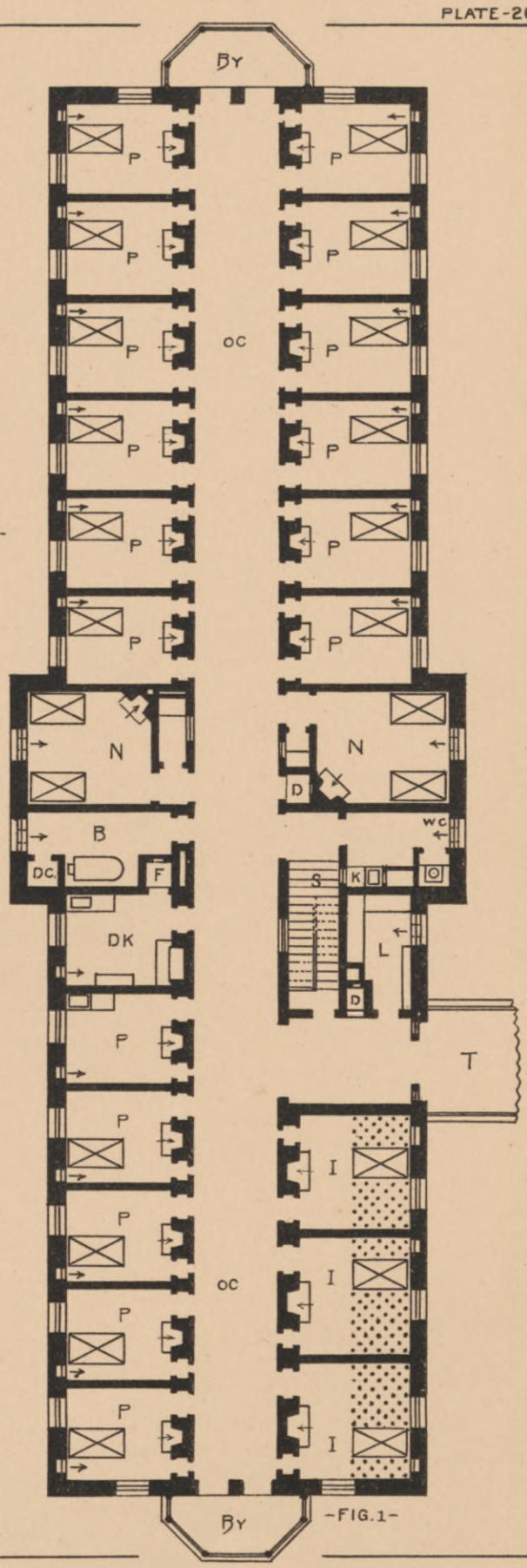


-FIG. 2-



-FIG. 3-

SCALE - ONE INCH = 20 FEET



-FIG. 1-

-ISOLATING WARD-

PLATE 27. # ISOLATING WARD.

LONGITUDINAL SECTION.

FIGURE 1. Longitudinal section north and south.

B Basement floor.
D Main floor.
G Attic floor.
H C Heat chambers for rooms with perforated floors.
P T Pipe tunnel.

FIGURE 2. Longitudinal section of heat chamber of rooms with perforated floors.

FIGURE 3. Transverse section of heat chambers.

FIGURE 4. Plan of heat chambers.

FIGURE 5. Transverse section of commode.

V Ventilating flue, 28″×28″.
A C Accelerating steam coil.
W C Commode.

FIGURE 6. Longitudinal section of commode and fire-place.

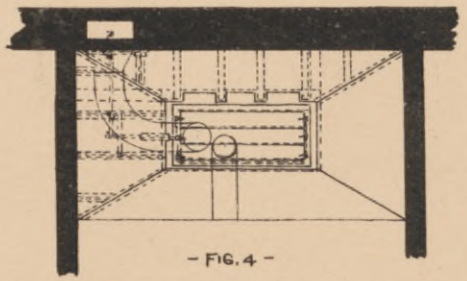
V Ventilating flue from commode.
S Smoke flue from fire-place.
A C Accelerating steam coil.

FIGURE 7. Plan of fire-place and commode.

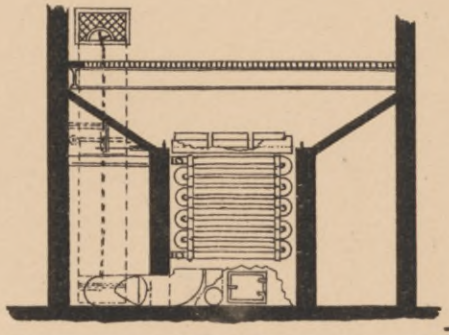
FIGURE 8. Commode stand.

FIGURE 9. Plan of chimney, showing vent and smoke flue.

ISOLATING WARD
LONGITUDINAL SECTION

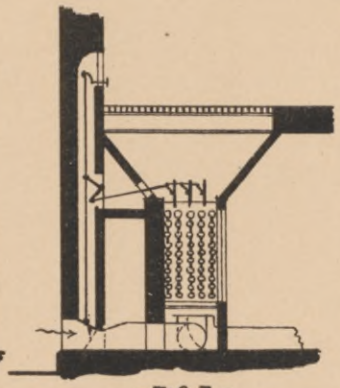


– FIG. 4 –

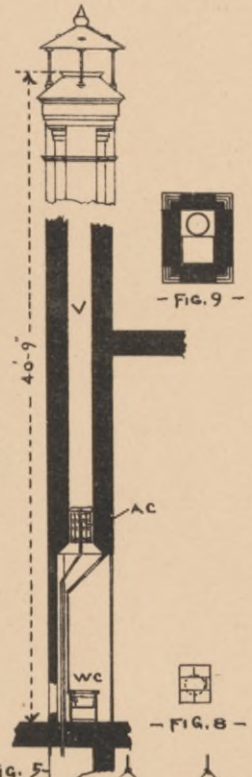


– FIG. 2 –

– SCALE - 1/8" = ONE FOOT –



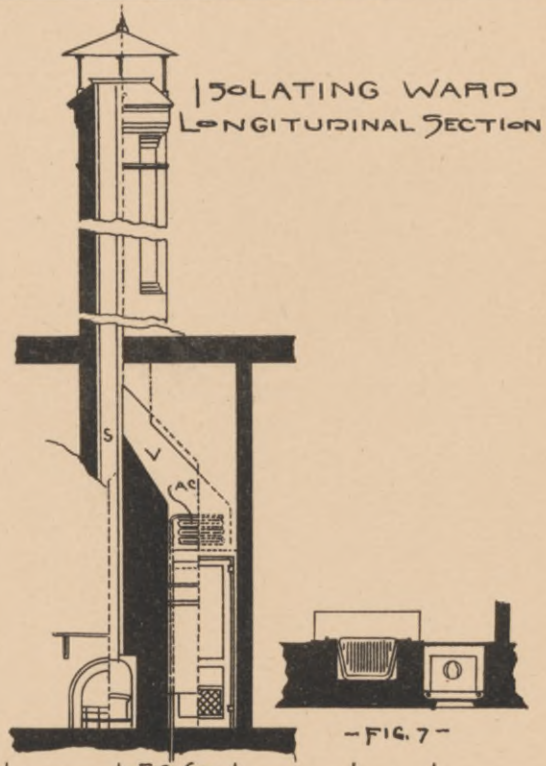
– FIG. 3 –



– FIG. 5 –

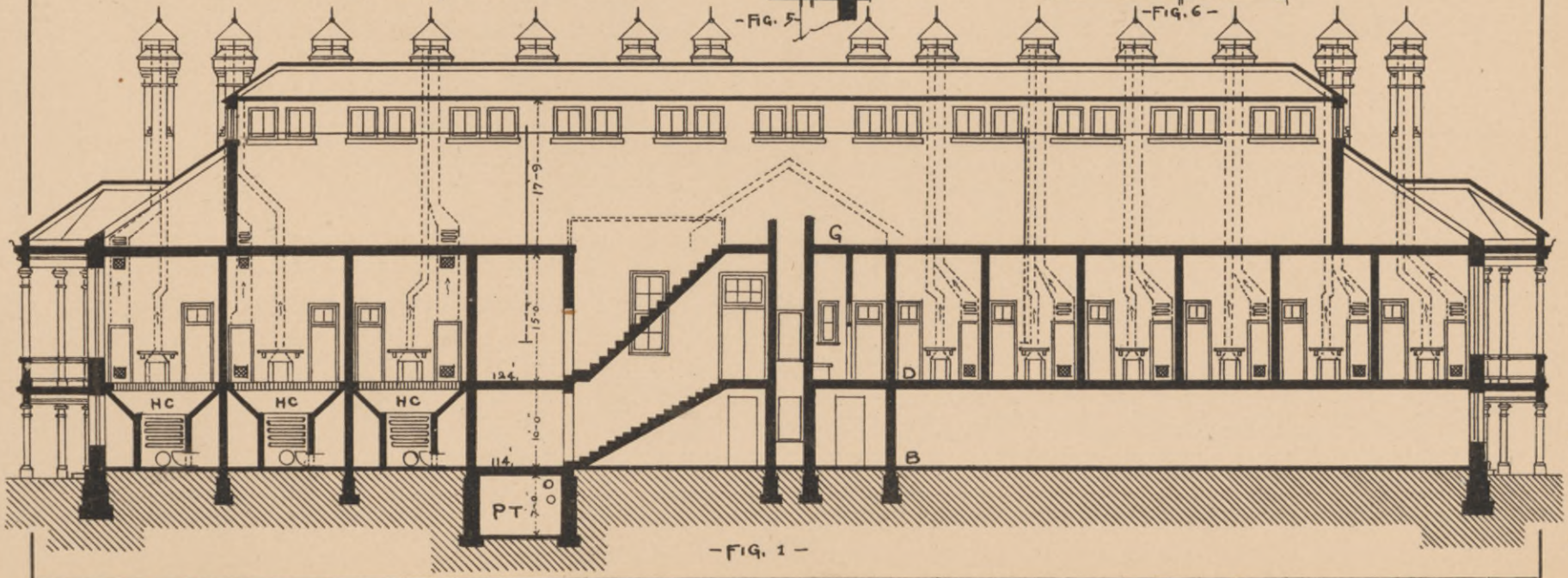
– FIG. 9 –

– FIG. 8 –



– FIG. 6 –

– FIG. 7 –



– FIG. 1 –

– SCALE - 20 FT. TO AN INCH –

PLATE - 27

PLATE 28.

ISOLATING WARD.

VIEW FROM NORTHEAST.

PLATE 29. # KITCHEN BUILDING.

MAIN AND SECOND FLOOR PLANS.

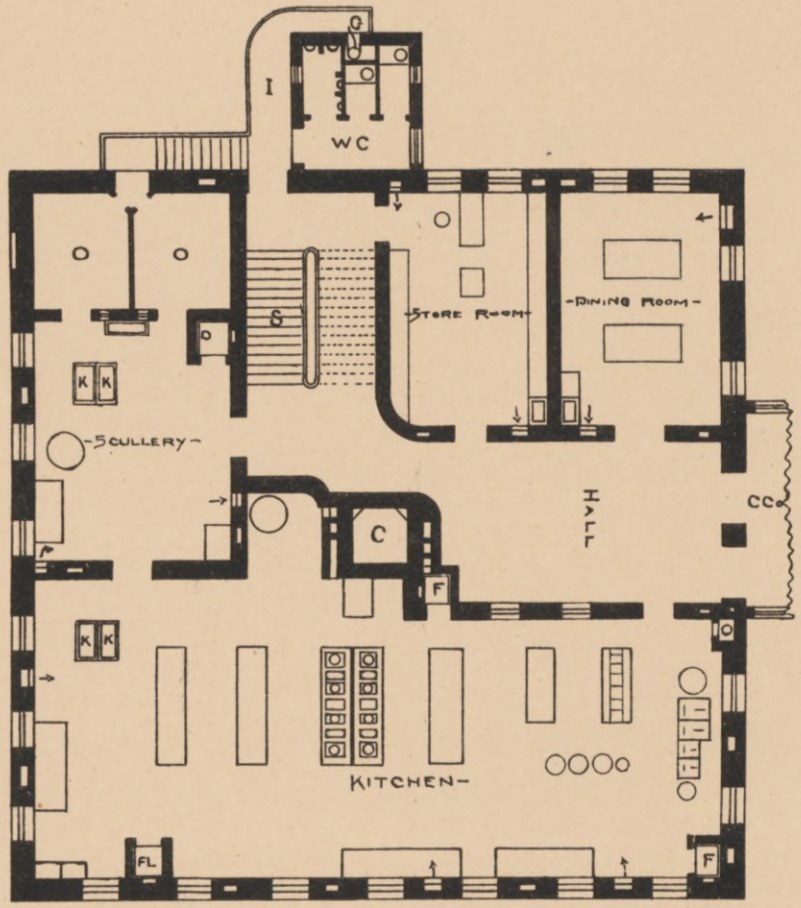
FIGURE 1. Plan of main floor.

C Smoke and ventilating chimney, 5′ 8″×5′ 8″.
C Co Covered corridors to wards.
O Cold rooms, 12′ 0″×10′ 0″ each.
F L Fuel lift, 3′ 1″×3′ 1″.
F Food lift, 2′ 8″×3′ 2″ and 3′ 1″×3′ 5″.
W C Water closet.
G Garbage chute.
D Lift, 3′ 0″×3′ 3″.
I Iron veranda.
S Stairs, 6′ 0″ wide.
K Sink.

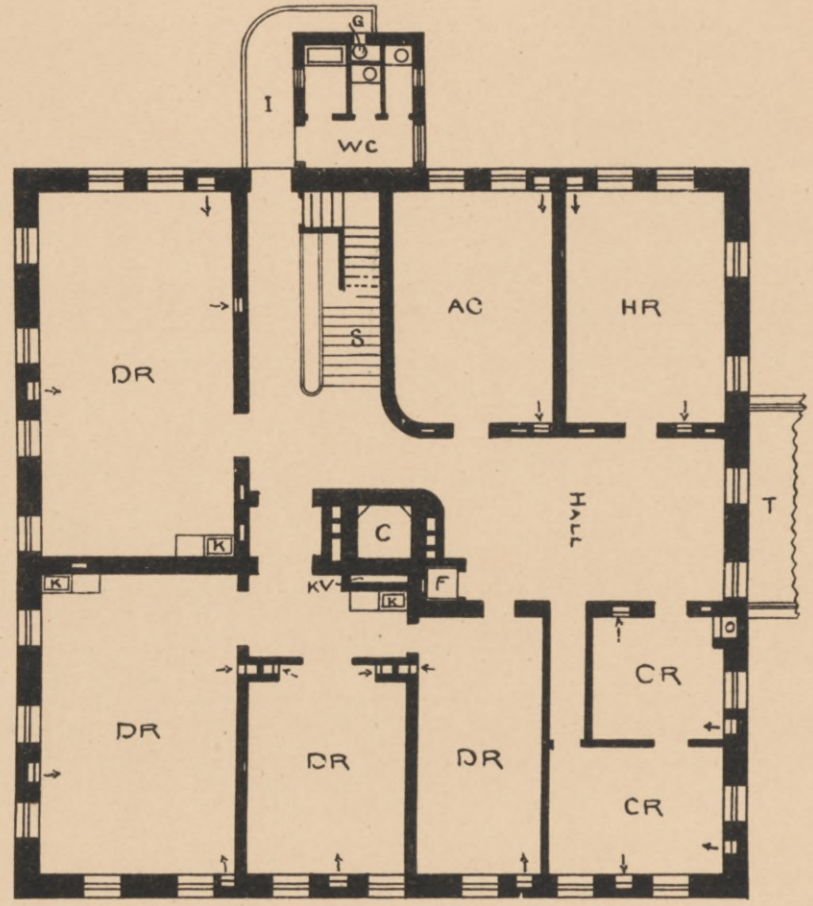
FIGURE 2. Plan of second floor.

C Smoke and vent chimney, 5′ 8″×5′ 8″.
H R Housekeeper's room, 16′ 8″×24′ 0″.
C R Cook's room, 13′ 0″×18′ 0″ and 13′ 0″×13′ 6″.
A C Assistant cook's room, 16′ 8″×24′ 0″.
D R Dining rooms, 20′ 0″×37′ 10″, 20′ 6″×31′ 0″, 16′ 0″×22′ 0″ and 13′ 9″×27′.
F Food lift, 2′ 8″×3′ 2″; Vent 12″×14″.
T Open terrace over corridor.
W C Water closets.
I Iron veranda.
G Garbage chute.
S Stairs, 6′ 0″ wide.
K V Kitchen vent, 9″×62″.
K Sink.

KITCHEN BUILDING
MAIN AND SECOND FLOOR PLANS



-FIG. 1-



-FIG. 2-

-SCALE - ONE INCH = 20 FEET-

PLATE-29

PLATE 30. # KITCHEN BUILDING.

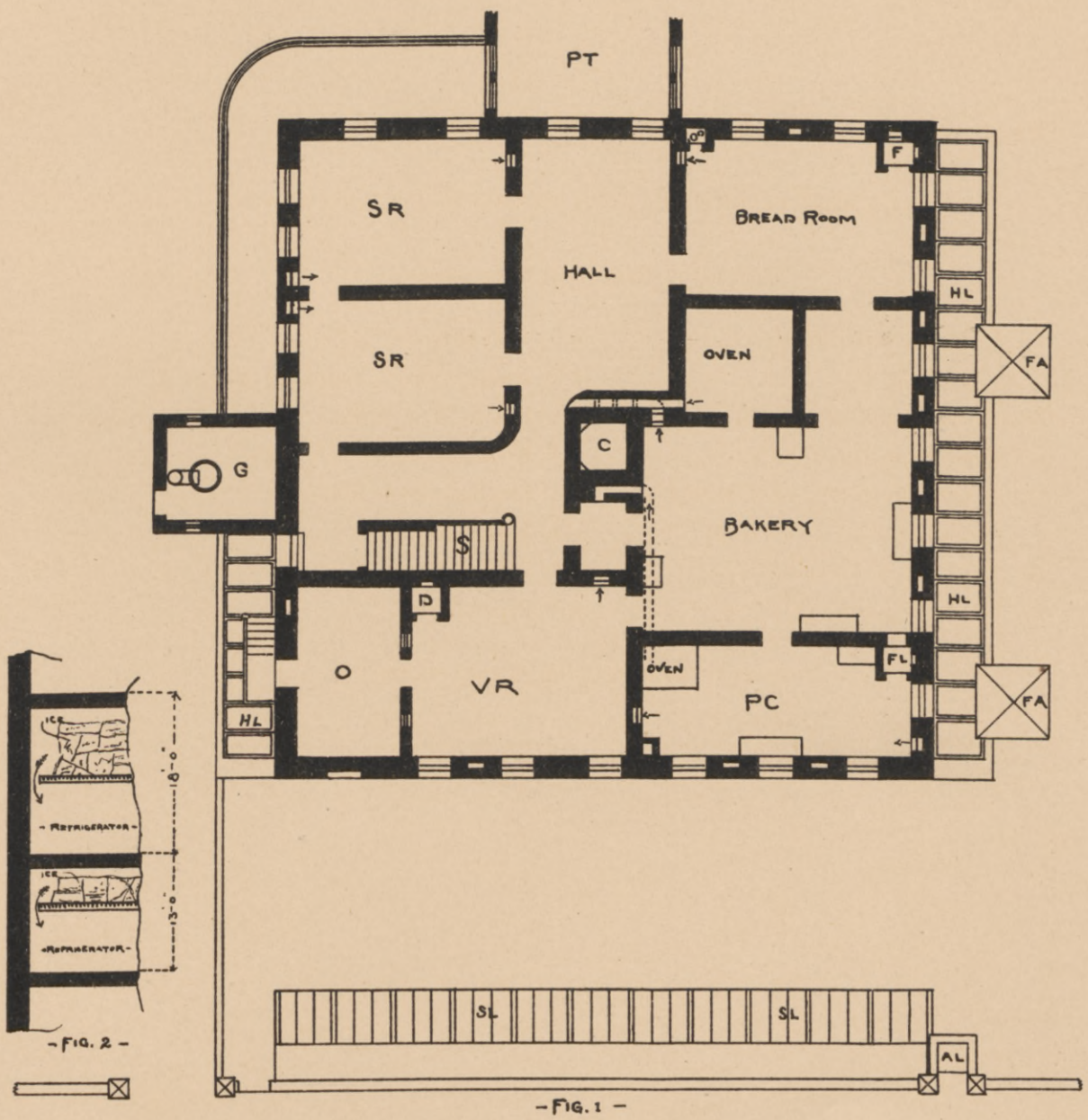
BASEMENT FLOOR PLAN WITH SECTION OF COLD ROOMS.

FIGURE 1. Basement floor plan.

C	Central ventilating chimney, 5′ 8″×5′ 8″.	A L	Ash lift, 3′ 6″×3′ 6″.
S R	Store rooms, 16′ 5″×23′ 8″.	P C	Pastry cook's room, 12′ 5″×31′ 1″.
O	Cold room, 12′ 0″×19′ 9″.	S	Stairs, 6′ 0″ wide.
V R	Vegetable room, 19′ 9″×24′ 8″.	F A	Fresh air inlet, 3′ 8″×3′ 8″.
F	Food lift, 3′ 1″×3′ 5″.	S L	Skylight over boilers.
F L	Fuel lift, 3′ 1″×3′ 1″.	H L	Hyatt lights.
G	Garbage room, 12′ 6″×9′ 9″.	D	Lift, 3′ 0″×3′ 3″.
		P T	Pipe tunnel.

FIGURE 2. Section through cold rooms.

KITCHEN BUILDING
BASEMENT FLOOR PLAN
WITH
SECTION OF COLD ROOM



– FIG. 1 –

– FIG. 2 –

– SCALE – 20 FT. TO AN INCH –

PLATE 31. # KITCHEN BUILDING.

SECTION EAST AND WEST.

FIGURE 1. Section east and west.

A Cellar.
B Basement or bakery floor.
D Main or kitchen floor.
E Dining room floor.
G Attic floor.
X Hot water flow pipe, 26″ dia.
Y Hot water return pipe, 26″ dia.
S D Entrance of smoke duct to chimney.
C Smoke and ventilating chimney.
S Stairs.
W C Water closet.
G R Garbage room.
V Inlet of ventilating and smoke flues.
F A Fresh air inlet.
P F Passage to general fuel lift.
H L Hyatt lights over fuel passage.

FIGURE 2. Plan of chimney at dining room floor.

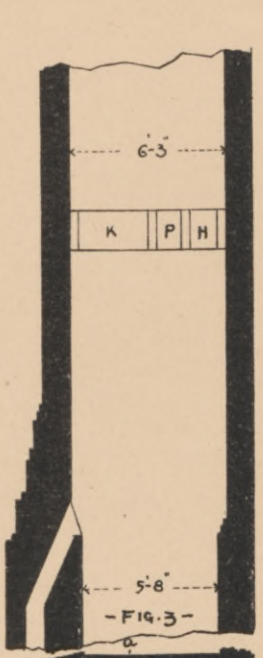
C Main smoke flue from boilers.
K V Kitchen ventilating flue, 9″×62″.
K Kitchen smoke flue, 9″×34″.
P Pastry oven smoke flue, 9″×13″.
H Hot water boiler smoke flue, 9″×13″.
B Bake oven smoke flue, 9″×30″.
B V Bakery vent flue, 9″×24″.
F V Lift vent flue, 9″×13″.

FIGURE 3. Section of chimney on line *a–b* of Fig. 2, showing entrance of north flues into main duct.

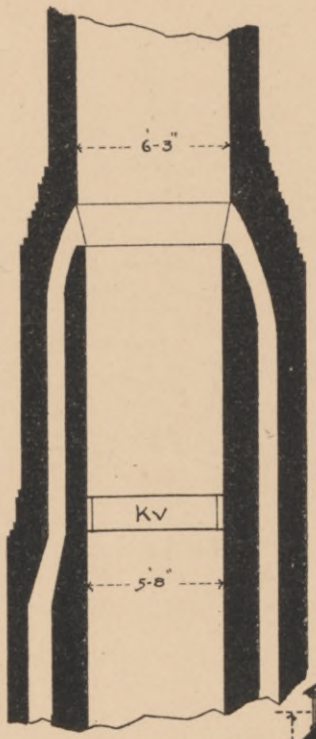
FIGURE 4. Section of chimney on line *c–a* of Fig. 2, showing entrance of kitchen ventilating flue on west side.

FIGURE 5. Section of chimney on line *a–b* of Fig. 2, showing entrance of south flues.

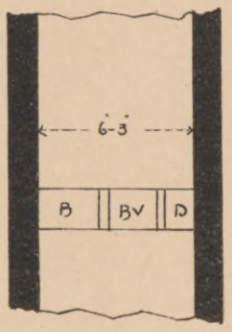
KITCHEN BUILDING
SECTION EAST AND WEST



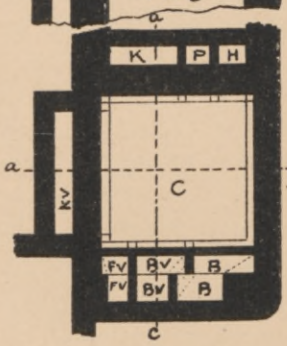
-FIG. 3-



-FIG. 4-



-FIG. 5-



-FIG. 2-

-SCALE FOR DETAILS - 1/8 INCH -

-FIG. 1-

-SCALE - 20 FT. TO AN INCH -

PLATE 32. KITCHEN BUILDING.

SECTION NORTH AND SOUTH.

FIGURE 1. Section north and south.

A	Cellar floor.	S X	Steam flow pipe to Amphitheatre and Dispensary, 8″ dia.
B	Basement, bakery floor.	S Y	Steam return pipe from Amphitheatre and Dispensary, 8″ dia.
D	Main, kitchen floor.	S L	Skylight over boilers.
E	Dining room floor.	C V	Coal vaults.
G	Attic floor.	P	Pavement on Monument Street.
H	Boilers.	C Co	Covered corridor to wards, etc.
S D	Smoke duct from boilers, 13 sq. ft.	T	Open terrace over corridor.
C	Smoke and ventilating chimney.	P Y	Paved yard.
X	Hot water flow pipe.	W F	No. 5 Loomis water filters.
Y	Hot water return pipe.		
P T	Pipe tunnel.		

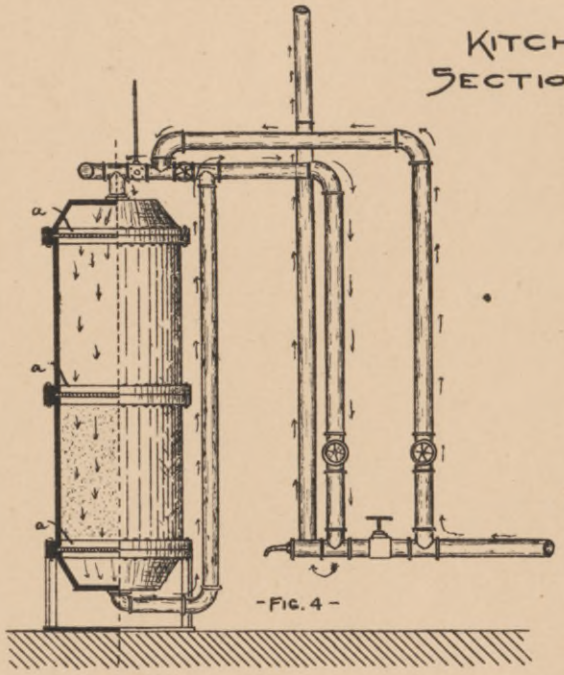
FIGURE 2. Detail of expansion joints, J.

FIGURE 3. Section and end elevation of expansion joint.

FIGURE 4. Elevation and section of Loomis Filter, with connections.

FIGURE 5. Plan of perforated plates "a."

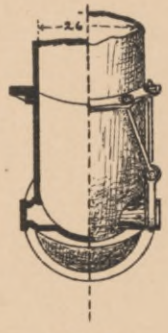
KITCHEN BUILDING
SECTION NORTH AND SOUTH



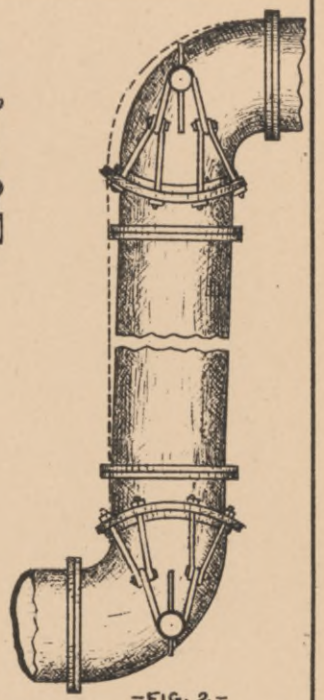
-FIG. 4-

-FIG. 5-

1/4 SCALE DETAILS



-FIG. 3-



-FIG. 2-

-FIG. 1-

-SCALE - 20 FT. TO AN INCH -

PLATE - 32

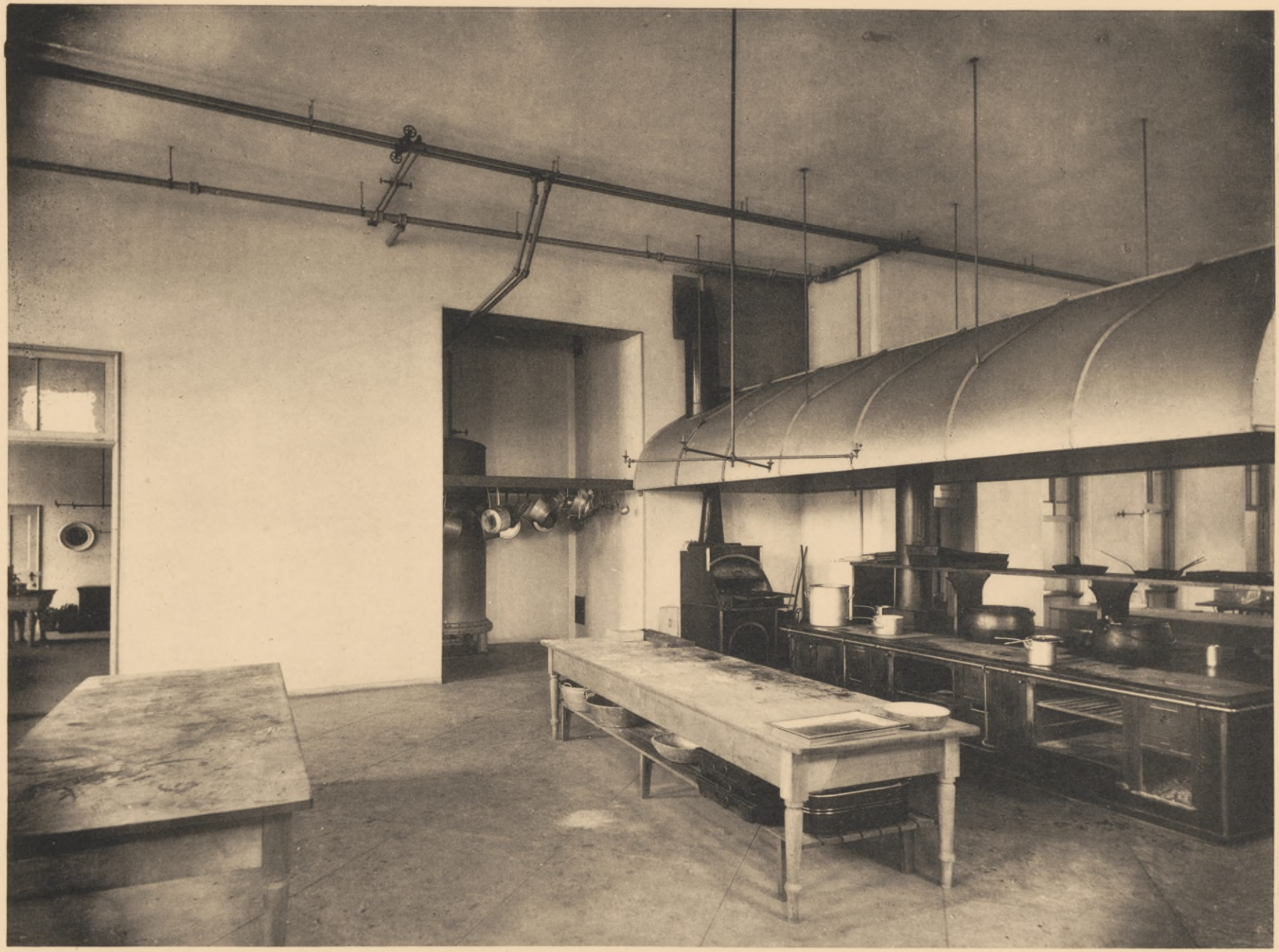


PLATE 33.

KITCHEN BUILDING.

VIEW IN KITCHEN.

PLATE 34. KITCHEN BUILDING.

PLAN OF CELLAR AND VAULTS.

FIGURE 1. Cellar and vaults.

C Smoke and ventilating chimney, 5′ 8″×5′ 8″.

M S Machine shop, 16′ 5″×23′ 8″.

S R Store room, 19′ 9″×24′ 0″.

E L P Electric light plant, 18′ 4″×26′ 6″, 12′ 0″×12′ 5″, 23′ 8″×31′ 1″.

F L Fuel lift, 3′ 1″×3′ 1″.

E B Empty basement, 12′ 5″×31′ 1″.

P F Passage to general fuel lift, 6′ 0″ wide.

A Area.

P S Pipe shaft.

h c Heating coils.

S Stairs.

F A Fresh air inlets, 3′ 8″×3′ 8″.

A L Ash lift, 3′ 6″×3′ 6″.

C V Coal vaults.

S T Steam pipe tunnel to Amphitheatre and Dispensary, 3′ 6″ wide × 5′ 9″ high.

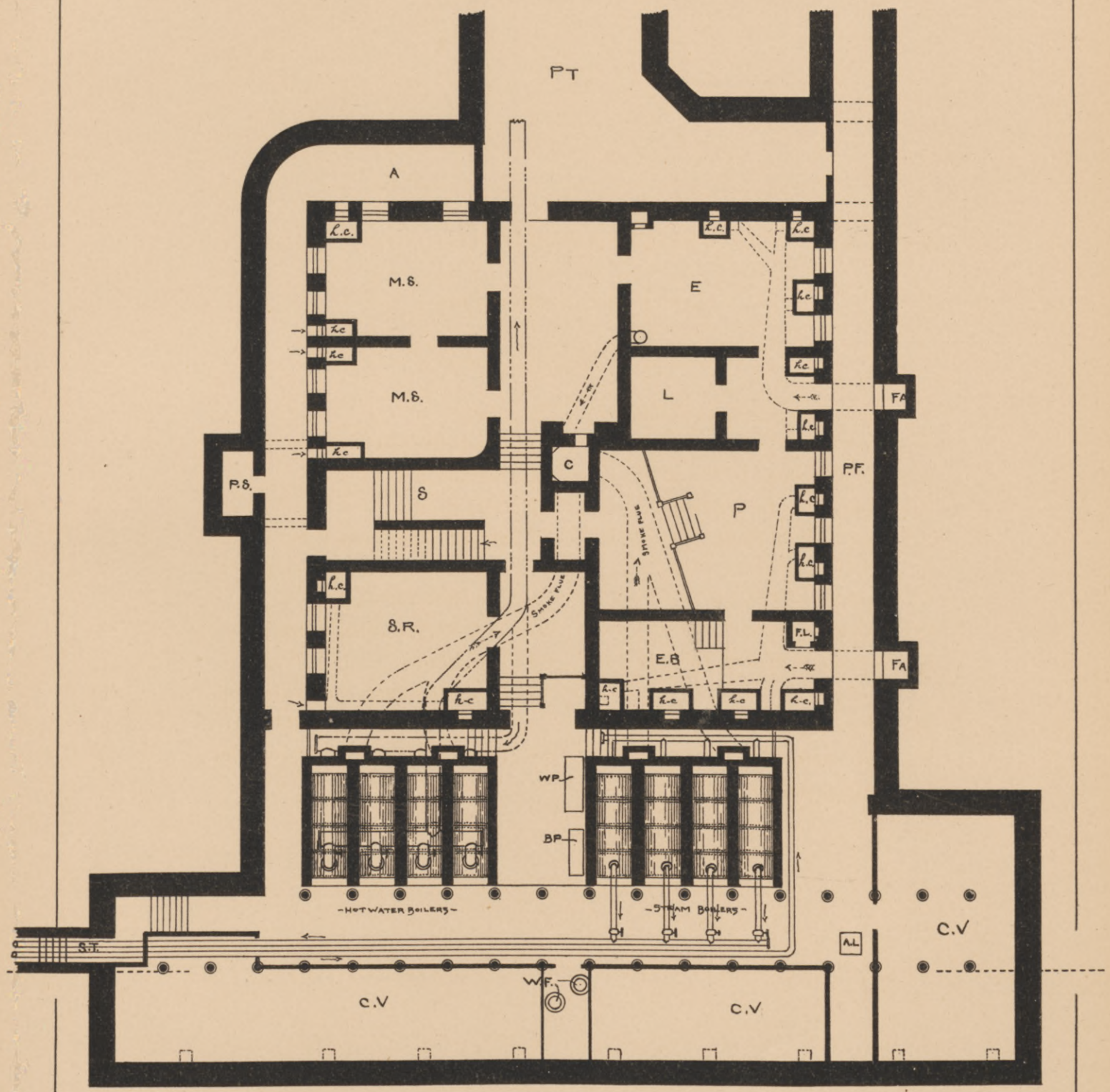
W F Two No. 5 Loomis water filters.

P T Pipe tunnel.

W P Pump to supply water to tanks in Administration Building.

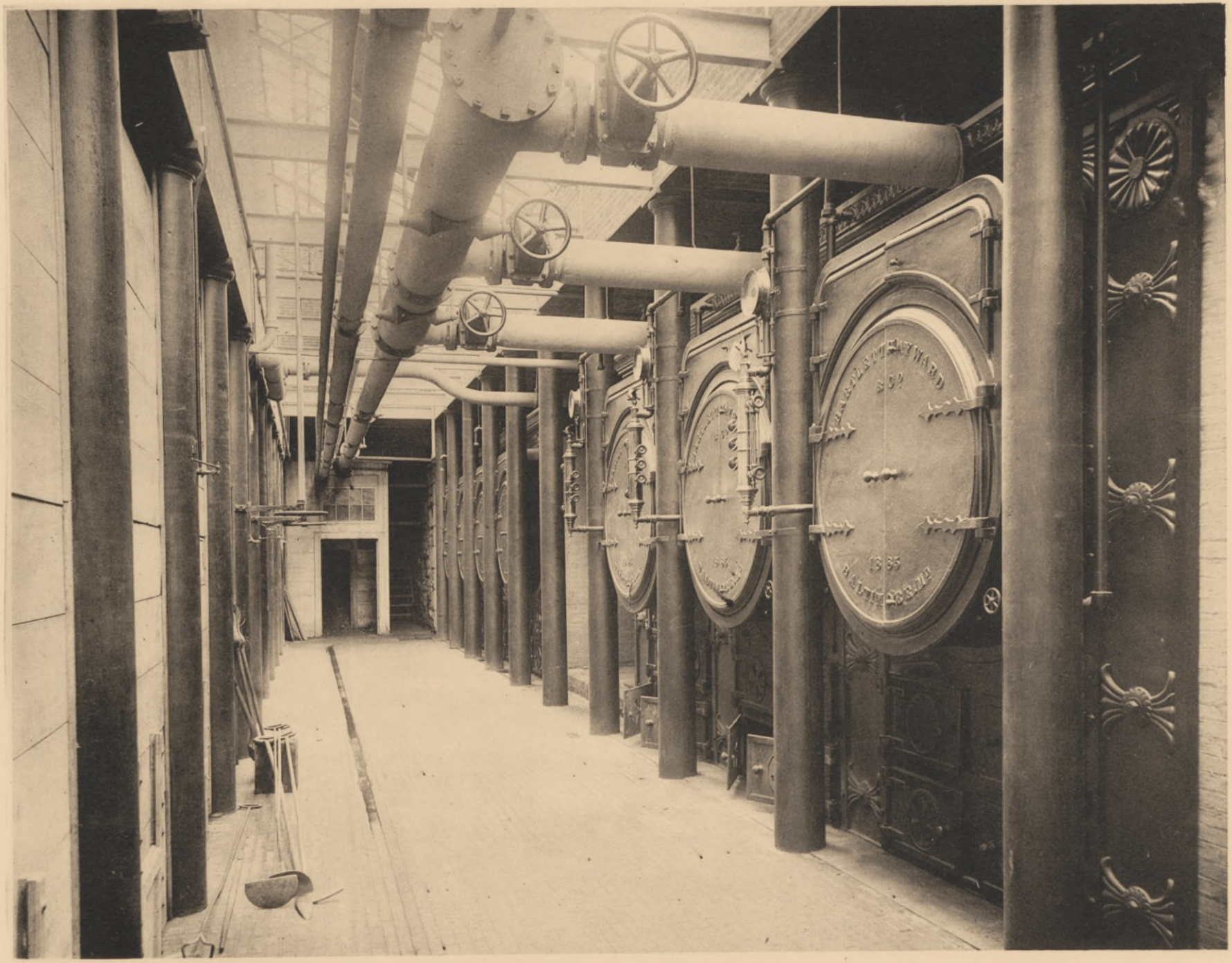
B P Pump to supply water to steam boilers.

KITCHEN BUILDING
PLAN OF CELLAR AND VAULTS



-FIG. 1-

-SCALE - 20 FT. TO AN INCH -



F. GUTEKUNST PHILAD.A

KITCHEN BUILDING.

VIEW IN BOILER ROOM.

PLATE 36.

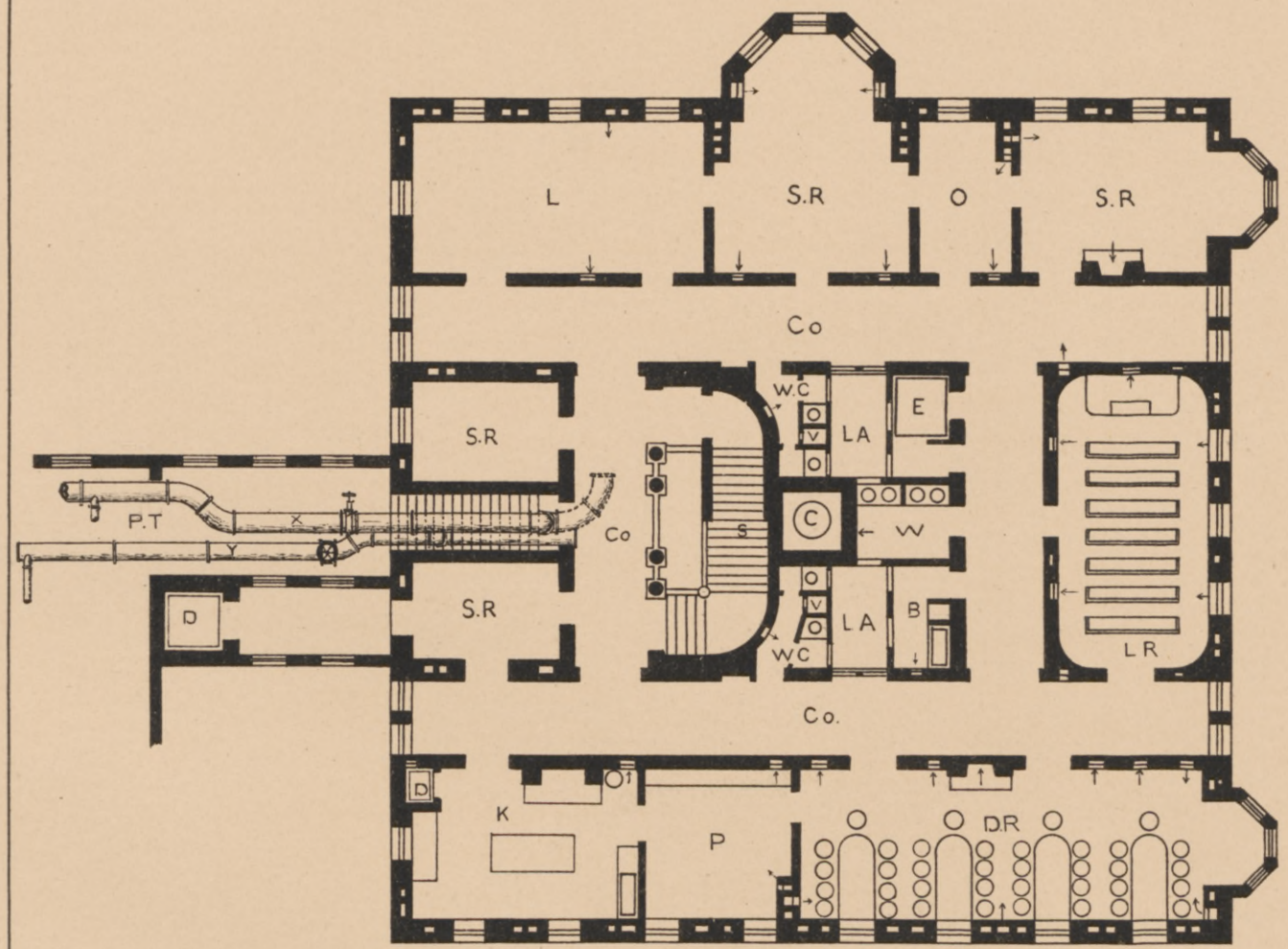
NURSES' HOME.

BASEMENT FLOOR PLAN.

FIGURE 1. Basement plan.

L R	Lecture room, 16′ 0″×31′ 0″.
K	Training school kitchen, 16′ 0″×24′ 6″.
L	Study, 16′ 0″×31′ 7″.
D R	Dining room, 16′ 0″×43′ 3″.
P	Pantry, 16′ 0″×15′ 8″.
O	Sewing room, 16′ 0″×10′ 0″.
S R	Store room.
S	Main stairway, 6′ 10″ wide.
C	Centre ventilating chimney, 6′ 3″×6′ 3″.
B	Bath room.
W	Lavatory.
W C	Water closets.
V	Ventilating shafts for water closets, 24″×32″.
L A	Light and air shafts, 7′ 0″×11′ 0″.
E	Elevator, 5′ 6″×6′ 0″; Vent 12″×18″.
Co	Corridor, 8′ 4″ wide.
P T	Pipe tunnel.
X	Hot water flow pipe.
Y	Hot water return pipe.
D	Lift, 3′ 10″×4′ 0″ and 2′ 10″×3′ 6″.

NURSES' HOME
BASEMENT FLOOR PLAN



— FIG.1 —

-SCALE -20 FT. TO AN INCH-

PLATE 37.

NURSES' HOME.

MAIN FLOOR PLAN.

FIGURE 1. Main floor plan.

H Main hall, 30′ 0″×38′ 0″.

N P Nurses' parlor, 16′ 0″×32′ 0″.

L Library, 21′ 0″×25′ 0″.

B A Book alcove, 10′ 0″×16′ 0″.

H N Rooms for head nurses, 10′ 0″×16′ 0″.

S N Rooms of superintendent of nurses 16′ 0″×21′ 0″, 16′ 0″×19′ 0″.

S Main stairs, 6′ 10″ wide.

C Central ventilating chimney, 6′ 3″×6′ 3″.

L A Light and air shafts, 7′ 0″×11′ 0″.

B Bath rooms.

W C Water closets.

V Ventilating shafts for water closets, 24″×32″.

E Elevator, 5′ 6″×6′ 0″; Vent 12″×18″.

Co Corridor, 8′ 4″ wide.

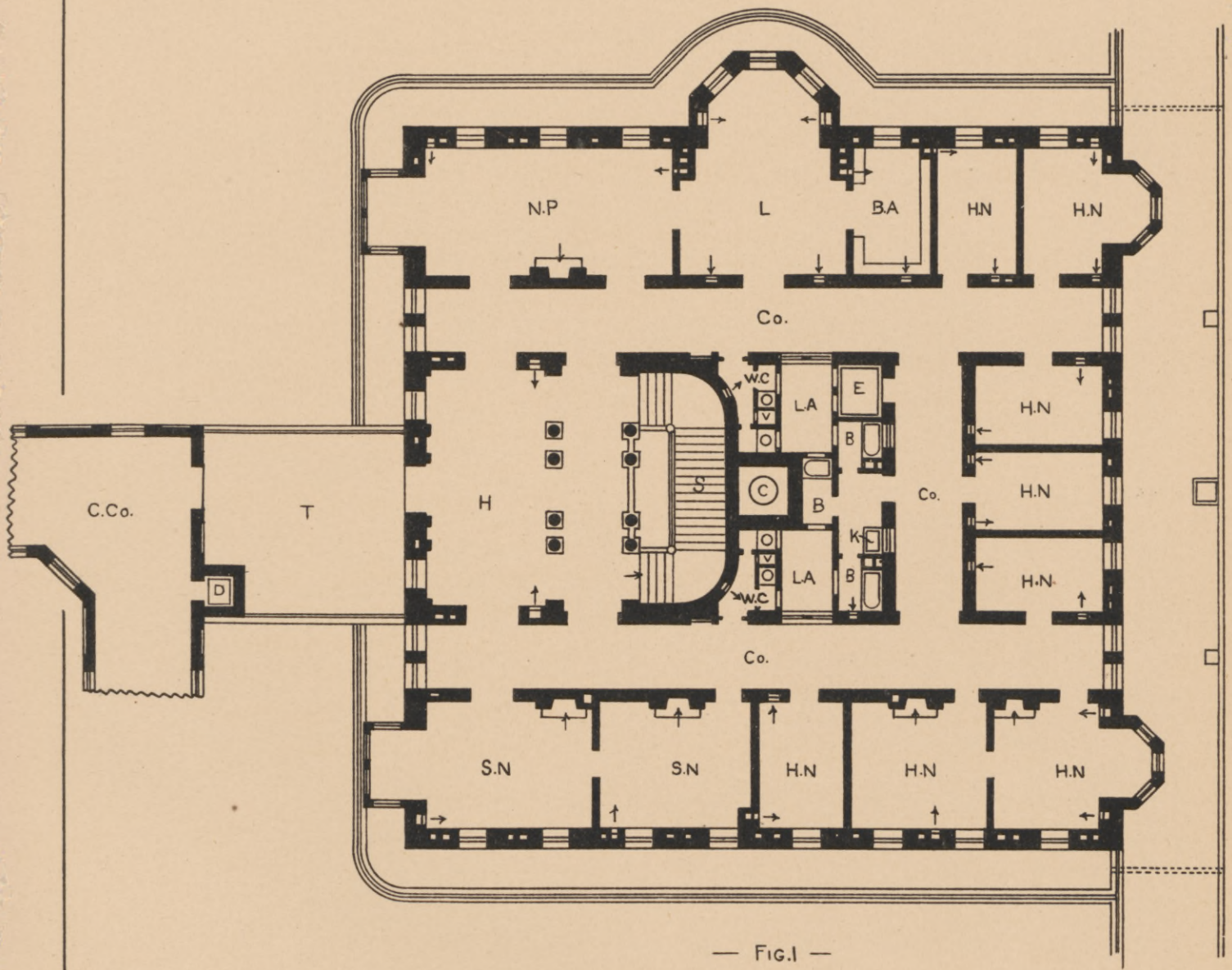
C Co Covered corridors to wards, etc.

T Open terrace over pipe tunnel.

K Sink.

D Lift, 3′ 10″×4′ 0″; Emmerson ventilator, 14″ diameter.

NURSES' HOME
MAIN FLOOR PLAN



— FIG.1 —

-SCALE - 20 FT. TO AN INCH -

PLATE 38.

NURSES' HOME.

SECOND AND THIRD FLOOR PLANS.

FIGURE 1. Second floor plan.

I Nurses' rooms, with fire-places to be used in case of sickness, 10′ 0″ ×16′ 0″.

N Nurses' rooms, 10′ 0″×16′ 0″.

S Main stairway, 6′ 10″ wide.

L Linen room, 10′ 0″×16′ 0″.

C Central ventilating chimney, 6′ 3″ ×6′ 3″.

L A Light and air shafts, 7′ 0″× 11′ 0″.

B Bath rooms.

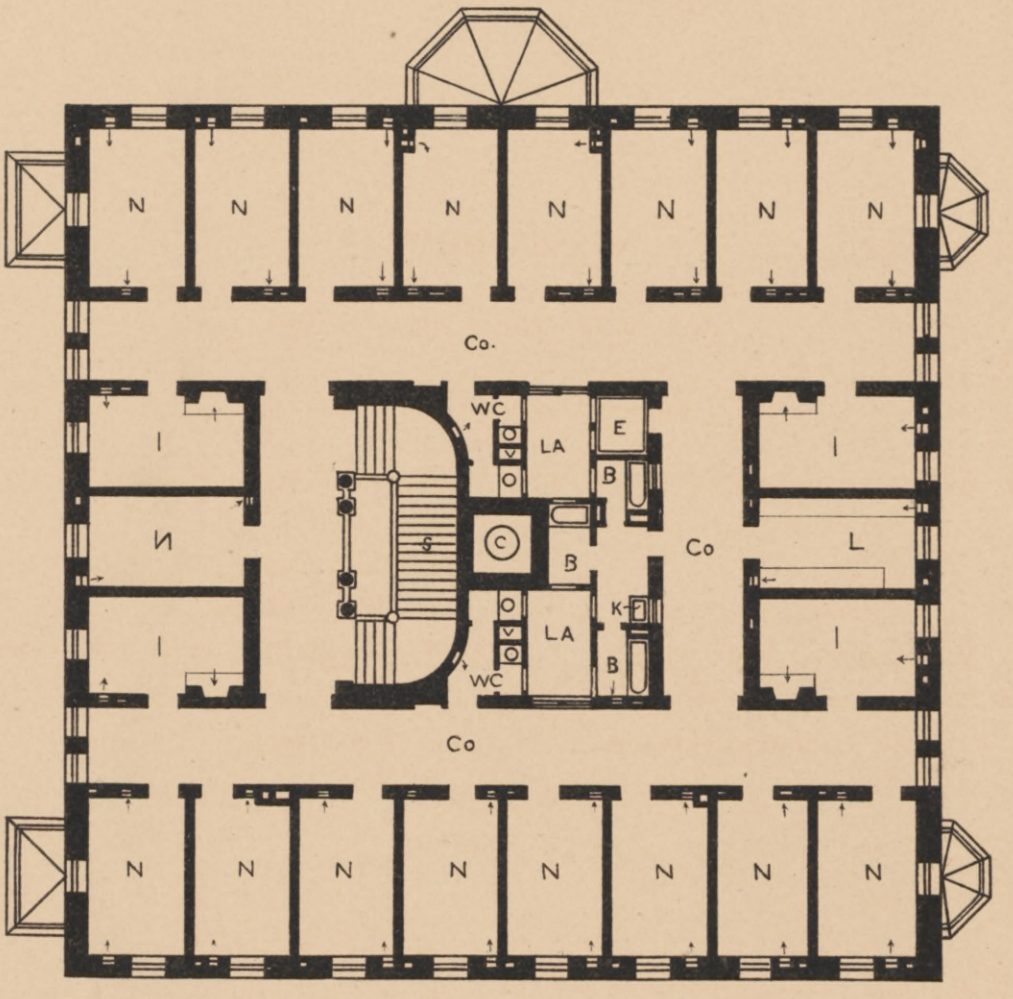
W C Water closets.

V Ventilating shaft for water closets, 24″×32″.

E Elevator, 5′ 6″×6′ 0″.

K Sink.

NURSES' HOME
SECOND AND THIRD FLOOR PLANS



— FIG. 1 —

—SCALE— 20 FT. TO AN INCH—

PLATE 39.

NURSES' HOME.

SECTION NORTH AND SOUTH.

FIGURE 1. Section north and south.

A Cellar floor.
B Basement floor.
D Main floor.
E Second floor.
F Third floor.
G Attic floor.
C Central ventilating chimney, 6′ 3″ ×6′ 3″.
V Opening of ventilating flue into chimney, 48″×48″.
C Co Covered corridor, main floor level.
S Main stairs.
H Boilers.
C V Coal vaults.
T Open terrace over pipe tunnel.
P T Pipe tunnel.
X Hot water flow pipe.
Y Hot water return pipe.
J Expansion joints.

NURSES' HOME
SECTION NORTH & SOUTH

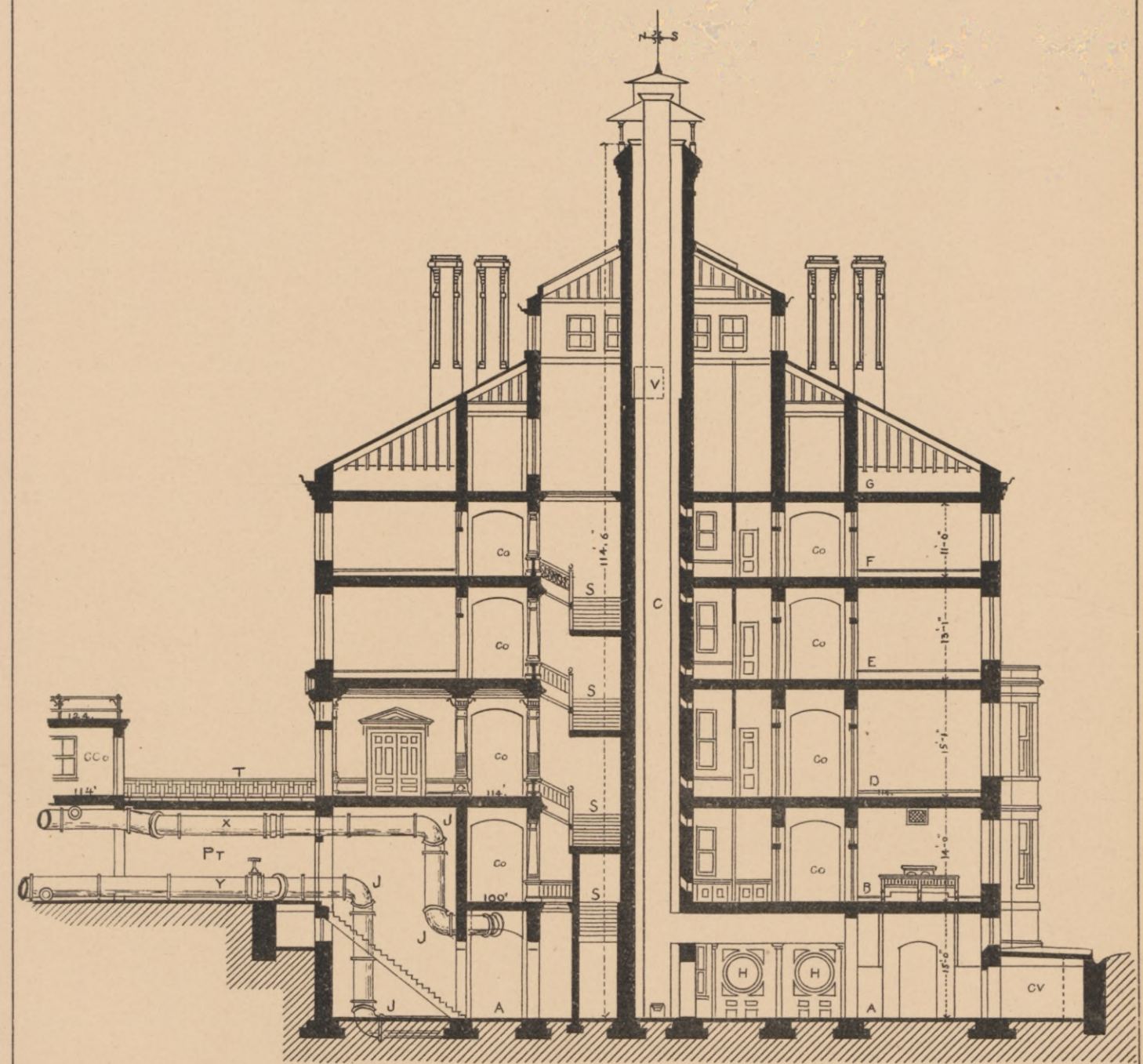


FIG. 1

SCALE - 20 FT TO AN INCH

PLATE 40.

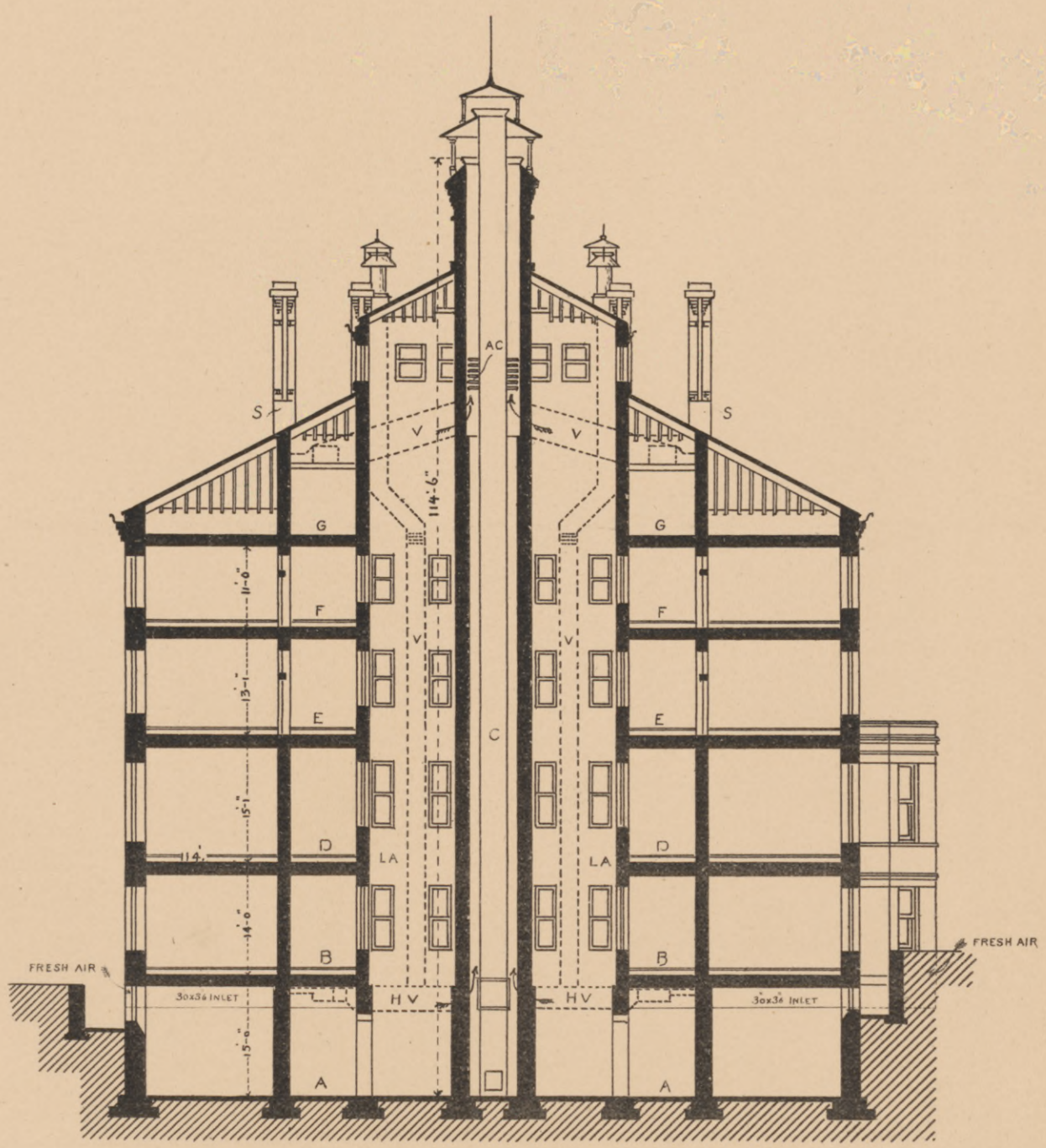
NURSES' HOME.

SECTION EAST AND WEST.

FIGURE 1. Section east and west.

A Cellar floor.
B Basement floor.
D Main floor.
E Second floor.
F Third floor.
G Attic floor.
C Central ventilating chimney, 6′ 3″ ×6′ 3″.
H V Horizontal ventilating flues, 30″ ×36″ and 30″×30″.
V Ventilating flues, 24″×32″ and 48″×48″.
S Smoke flues.
L A Light and air shafts, 7′ 0″×11′ 0″.
A C Accelerating steam coils.

NURSES' HOME
SECTION EAST & WEST



— FIG. 1 —

SCALE — 20 FT. TO AN INCH

E. GUTEKUNST PHILAD'A.

NURSES' HOME.

VIEW FROM NORTHEAST.

NURSES' HOME.

VIEW IN MAIN HALL.

NURSES' HOME.
VIEW IN PARLOR.

PLATE 44. # APOTHECARY'S BUILDING.

PLANS AND SECTIONS.

FIGURE 1. Main floor plan.

A Pharmacy, 18′ 0″×28′ 0″.
W A Waiting place for attendants.
A R Apothecary's room, 9′ 6″×14′ 0″.
A S Apothecary's sleeping rooms, 11′ 8″×15′ 6″.
D R Dining room for officers of Hospital, 19′ 3″×43′ 0″.
T K Tea kitchen, 12′ 2″×16′ 4″.
P Pantry, 5′ 0″×12′ 2″.
D W Lift, 2′ 0″×2′ 6″.
S B Stairs to basement.
C Ventilating chimneys, 3′ 10″ dia.
H Central hall, 9′ 0″ wide.
S Stairs leading to quarters of female servants.

FIGURE 2. Second floor plan.

S R Servants' rooms, 10′ 6″×19′ 3″.
B Bath rooms.
W C Water closet.
H Central hall.
K Sink.
S Stairs.
C Ventilating chimneys, 3′ 10″ dia.

FIGURE 3. Transverse section north and south.

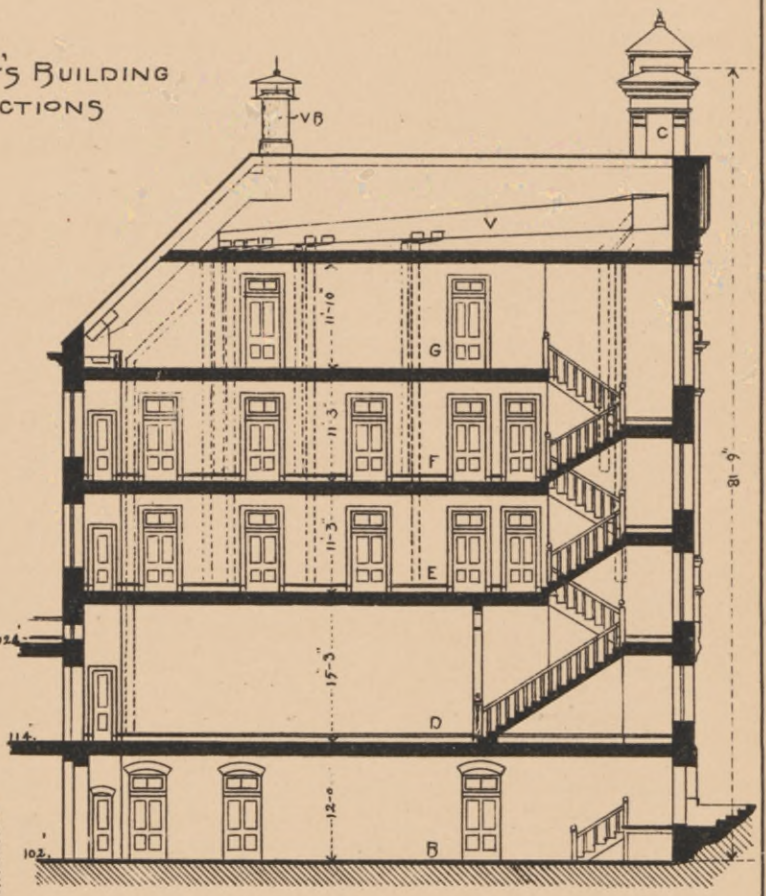
B Basement floor.
D Main floor.
E Second floor.
F Third floor.
G Attic floor.
C Ventilating chimney, 3′ 10″ dia.

FIGURE 4. Longitudinal section east and west.

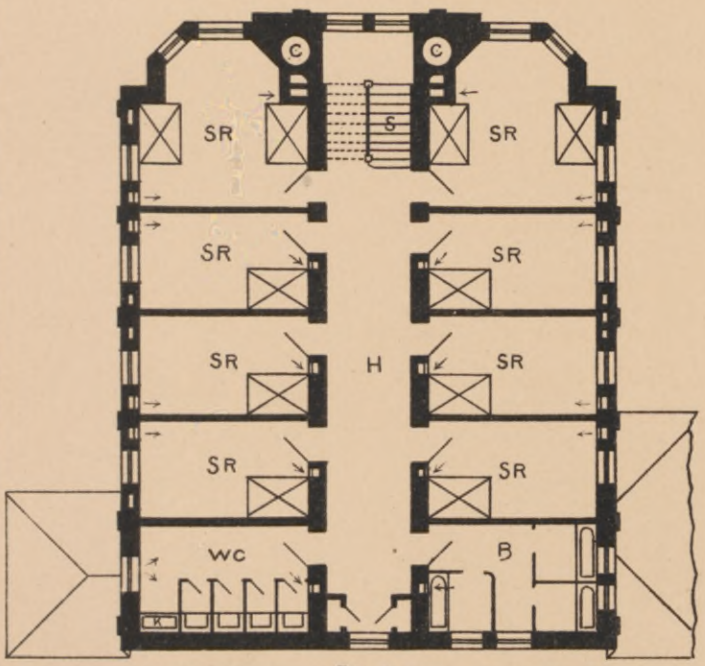
B Basement floor.
D Main floor.
E Second floor.
F Third floor.
G Attic floor.
V Ventilating flue, 40″×40″.
C Ventilating chimneys, 48″×48″.
V B Bath and water closet vent, 30″ dia.

APOTHECARY'S BUILDING
PLANS AND SECTIONS

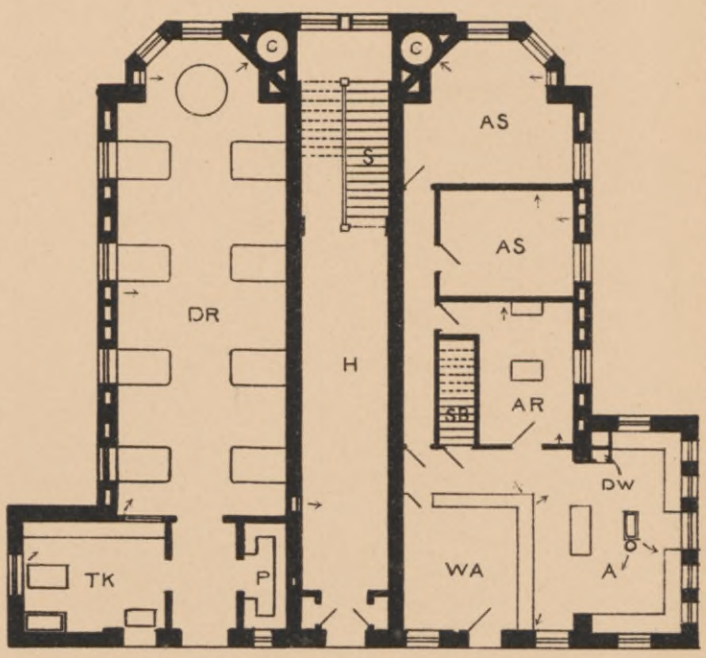
— FIG. 3 —



— FIG. 4 —



— FIG. 2 —



— FIG. 1 —

— SCALE — 20 FT. TO AN INCH —

F. GUTEKUNST PHILADA.

APOTHECARY'S BUILDING.

VIEW FROM SOUTHEAST.

PLATE 46.

DISPENSARY.

PLAN AND SECTIONS.

FIGURE 1. Main floor plan.

V Vestibule.

W R General waiting room, 52′ 0″ × 52′ 0″.

S E General surgical and eye and ear rooms, 10′ 6″ × 14′ 2″, 14′ 2″ × 17′ 3″, 15′ 0″ × 16′ 0″.

N Neurological room, 10′ 0″ × 16′ 0″.

S Skin diseases, 10′ 0″ × 16′ 0″.

G U Genito-urinary diseases, 14′ 9″ × 16′ 0″.

G Gynaecological room, 14′ 2″ × 20′ 2″.

T Throat diseases, 15′ 0″ × 16′ 0″.

C D Children's diseases, 13′ 4″ × 16′ 0″.

M General medicine, 13′ 4″ × 16′ 0″, 13′ 4″ × 16′ 0″, 14′ 9″ × 16′ 0″.

P H Pharmacy, 8′ 6″ × 16′ 6″.

B Bath rooms.

W C Water closets.

C Ventilating chimney, 6′ 0″ × 6′ 0″.

Co Corridor leading to Amphitheatre 5′ 0″ wide.

P Open passage between Amphitheatre and Dispensary, 5′ 0″ wide.

S B Stairs to basement.

J Janitor, 8′ 6″ × 14′ 2″.

FIGURE 2. Section north and south.

B Basement floor.

D Main floor.

C Ventilating chimney, 6′ 0″ × 6′ 0″.

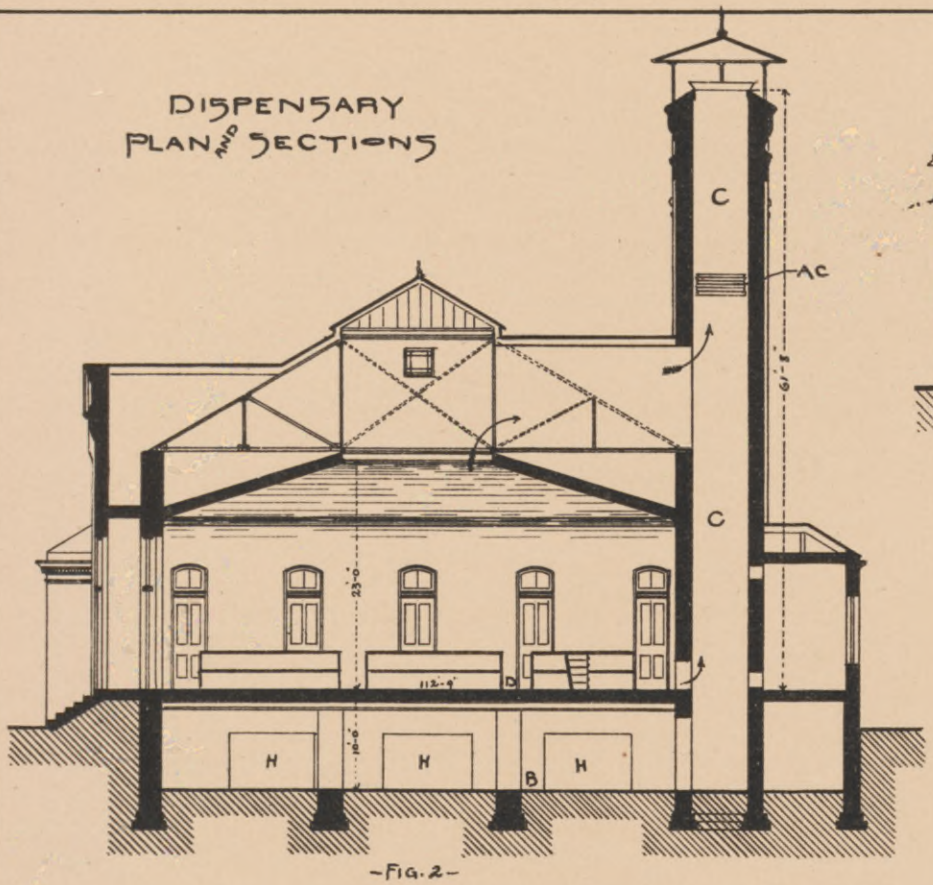
A C Accelerating steam coils.

H Heat chambers.

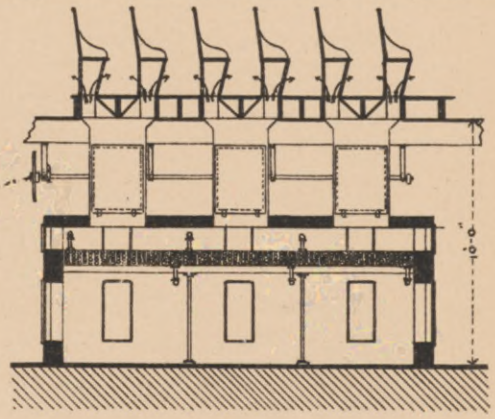
FIGURE 3. Longitudinal section of heating chambers.

FIGURE 4. Transverse section of heating chambers.

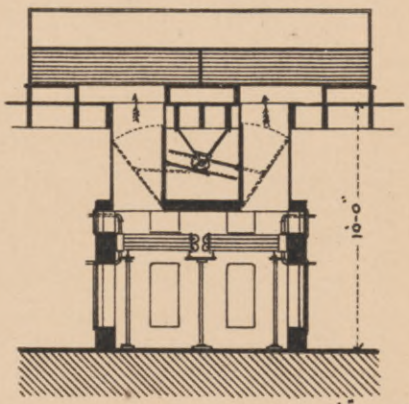
DISPENSARY PLAN AND SECTIONS



-FIG. 2-

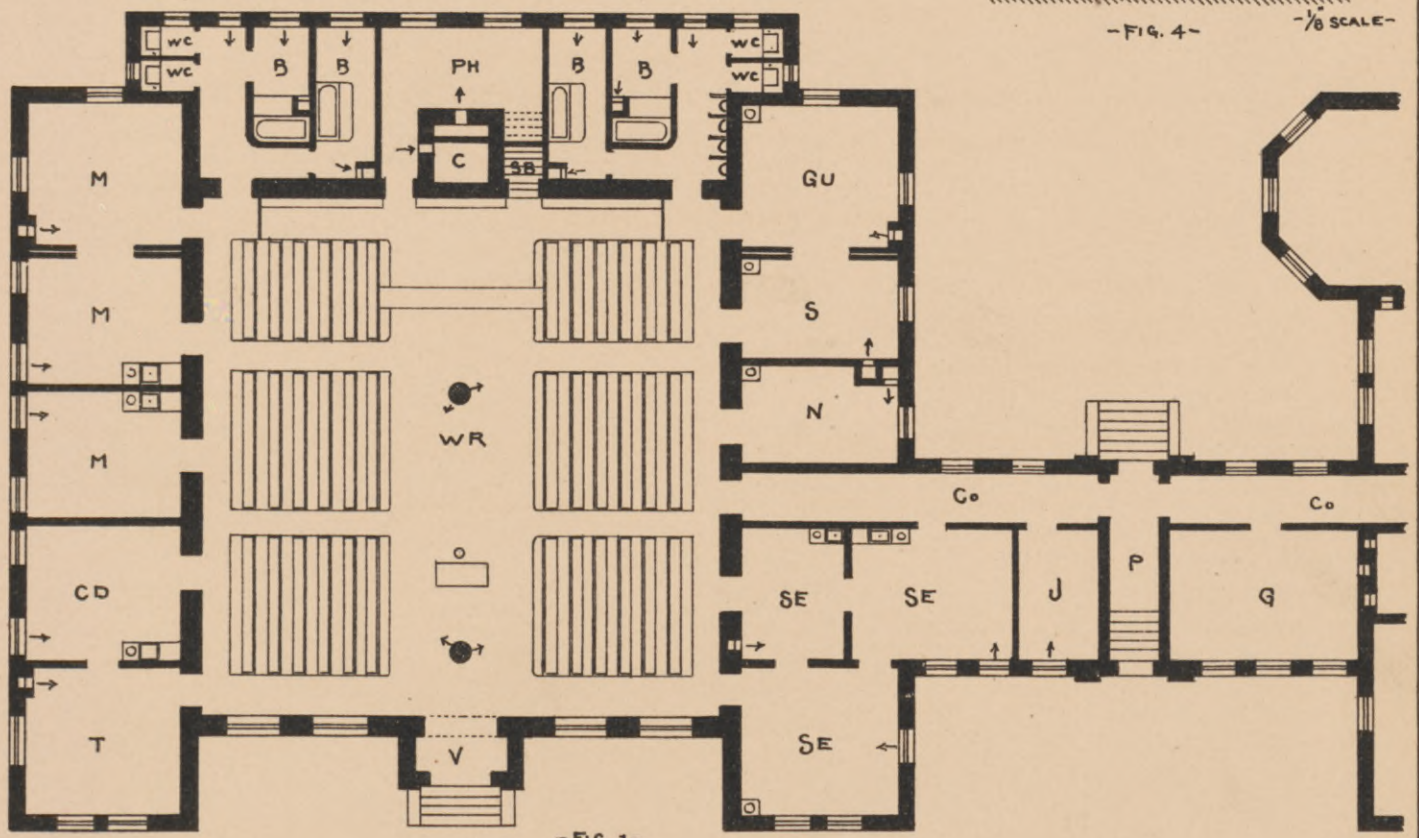


-FIG. 3-



-FIG. 4-

-1/8 SCALE-



-FIG. 1-

-SCALE- 20 FT. TO AN INCH-

F. GUTEKUNST PHILAD'A.

DISPENSARY.

VIEW IN WAITING ROOM.

PLATE 47.

PLATE 48.

AMPHITHEATRE.

PLAN AND SECTION.

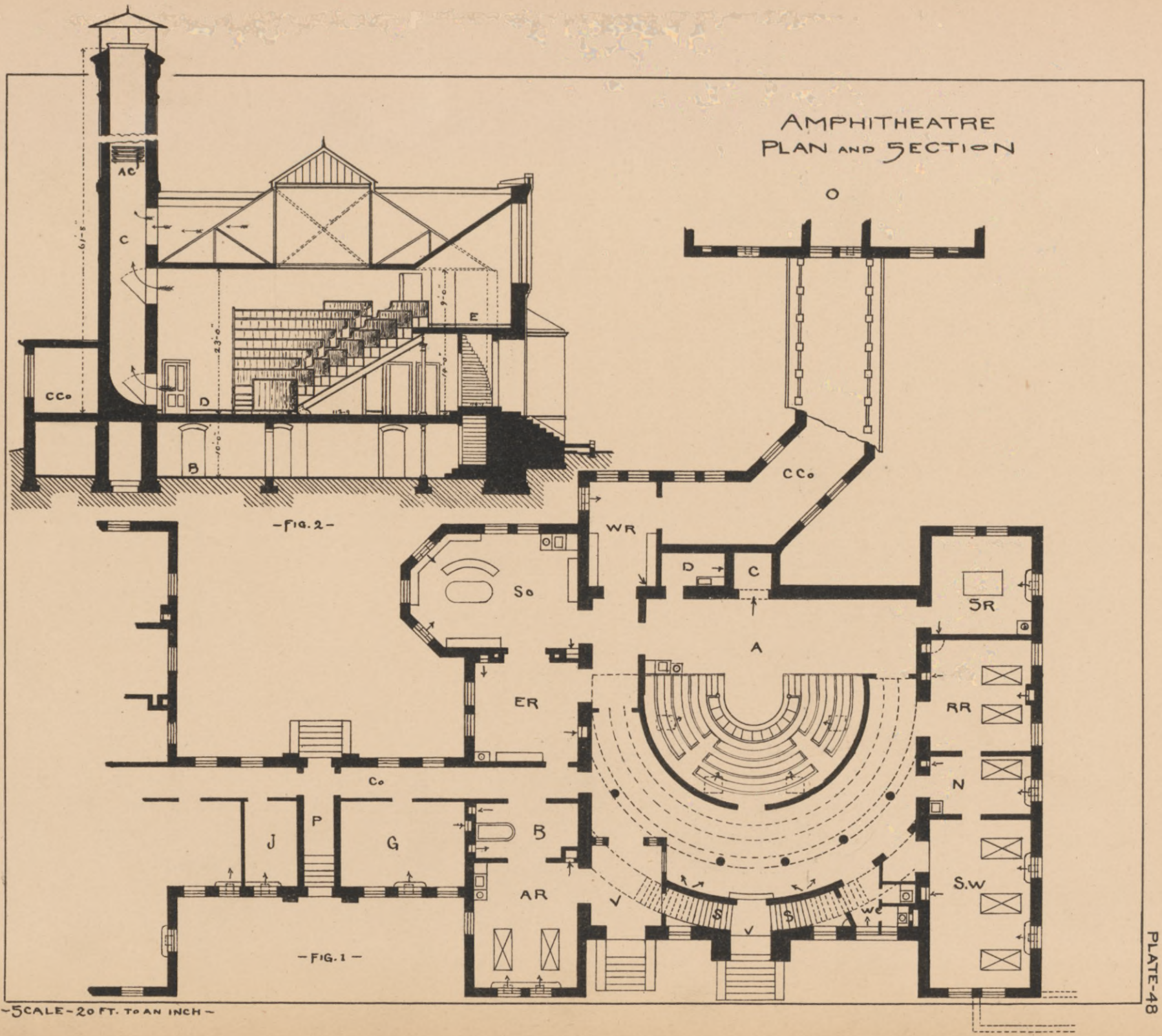
FIGURE 1. Main floor plan.

A Amphitheatre, 52′ 0″×52′ 0″.
S R Surgeon's room, 15′ 6″×16′ 0″.
W R Waiting room, 11′ 0″×17′ 0″.
E R Etherizing room, 16′ 0″×17′ 4″.
R R Recovering room, 16′ 0″×18′ 0″.
N Nurses' room, 9′ 6″×16′ 0″.
S W Special ward, 16′ 0″×27′ 0″.
S O Special operating room, 18′ 0″×26′ 6″.
A R Accident reception room, 16′ 0″×20′ 0″.
B Bath room, 9′ 0″×15′ 7″.
W C Water closets.
C Ventilating chimney, 6′ 0″×6′ 0″.
C Co Covered corridor leading to wards, 10′ 0″ wide.
Co Corridor leading to Dispensary, 5′ 0″ wide.
P Open passage between Amphitheatre and Dispensary, 5′ 0″ wide.
V Vestibule, 11′ 6″×13′ 0″.
S Stairs to gallery.
D Dark room, 5′ 4″×10′ 6″.
G Gynaecological room, 14′ 2″×20′ 2″.
J Janitor's room, 8′ 6″×14′ 2″.
O Common ward No. 1.

FIGURE 2. Section north and south.

B Basement floor.
D Main floor.
E Gallery floor.
C Ventilating chimney, 6′ 0″×6′ 0″.
C Co Covered corridor leading to wards.
A C Accelerating steam coils.

AMPHITHEATRE
PLAN AND SECTION



-FIG. 2-

-FIG. 1-

-SCALE-20 FT. TO AN INCH-

PLATE-48

AMPHITHEATRE.

VIEW IN LECTURE HALL.

F. GUTEKUNST PHILADA.

DISPENSARY AND AMPHITHEATRE.

VIEW FROM NORTH.

PLATE 50.

PLATE 51. # PATHOLOGICAL BUILDING.

MAIN AND SECOND FLOOR PLANS.

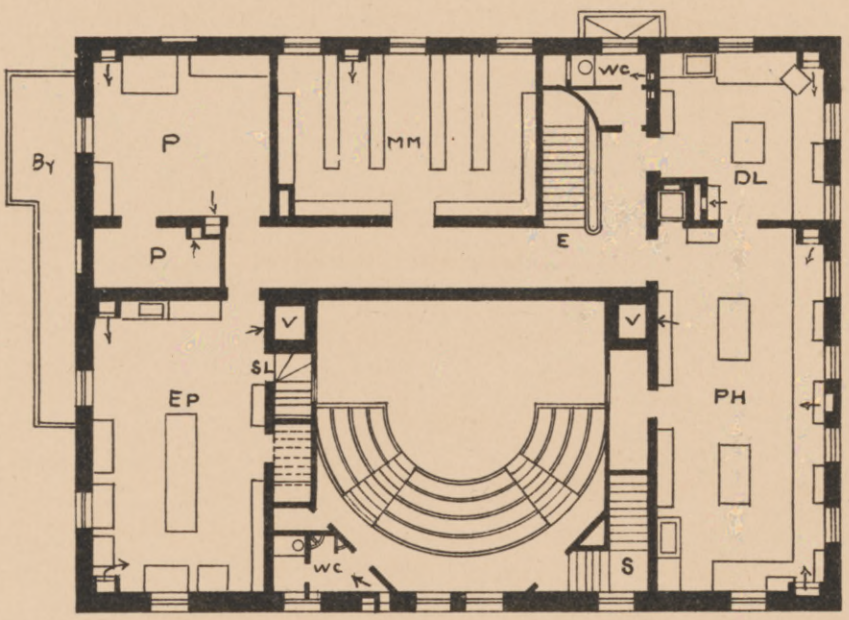
FIGURE 1. Main floor plan.

B Bacteriological rooms, 17′ 0″ × 32′ 0″, 16′ 9″×16′ 7″.
P Cremating furnace.
P R Private research, 16′ 6″×19′ 9″.
A Autopsy theatre, 29′ 8″×38′ 2″.
W R Waiting room and library, 16′ 6″ ×24′ 4″.
M Morgue, 17′ 0″×29′ 8″.
V Ventilating chimneys, 3′ 0″ × 3′ 6″.
E Main entrance.
S Students' entrance.
D Lift, 2′ 9″×2′ 10″.
W C Water closet.

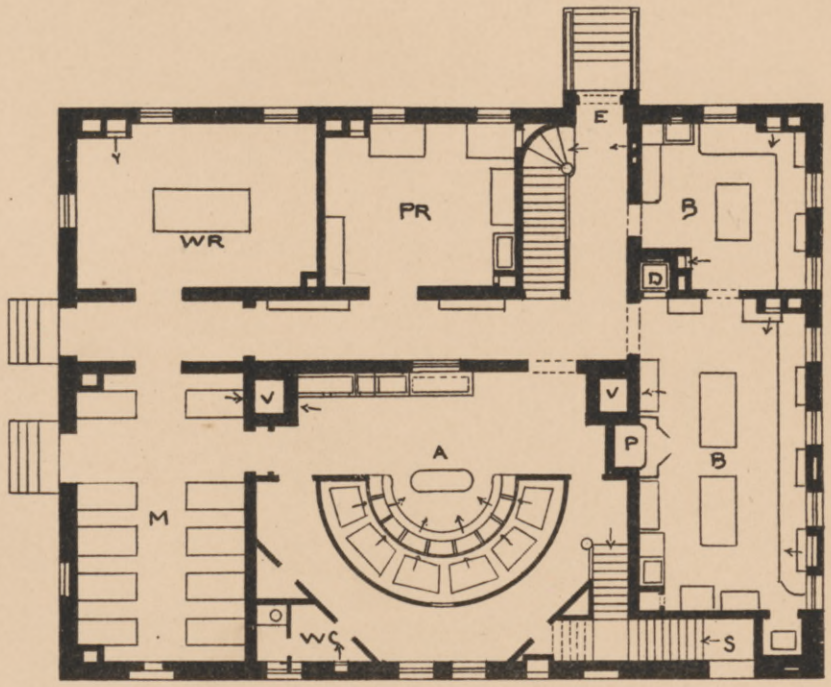
FIGURE 2. Second floor plan.

P H Pathological Histology, 17′ 0″ × 37′ 0″.
D L Director's laboratory, 16′ 7″×16′ 9″.
M M Museum, 16′ 6″×26′ 3″.
E P Experimental Pathology, 17′ 0″× 29′ 8″.
P Photographic rooms, 16′ 6″×18′ 0″ and 6′ 0″×12′ 0″.
B Y Balcony.
V Ventilating chimneys, 3′ 0″× 3′ 6″.
W C Water closets.
E Main entrance.
S Students' stairs.
S L Stairs to attic.

PATHOLOGICAL BUILDING
MAIN AND SECOND FLOOR PLANS



-FIG. 2-



-FIG. 1-

-SCALE- 20 FT. TO AN INCH -

PLATE 52. # PATHOLOGICAL BUILDING.

LONGITUDINAL AND TRANSVERSE SECTIONS.

FIGURE 1. Longitudinal section north and south.

B	Cellar or basement floor.	V	Ventilating chimneys.
D	Main floor.	A C	Accelerating steam coils.
E	Second floor.	F	Cremating furnace.
A	Autopsy operating table.	S	Skylight.

FIGURE 2. Transverse section east and west.

B	Cellar or basement floor.	V	Ventilating chimney.
D	Main floor.	H	Main stairs.
E	Second floor.	W C V	Water closet vent, 16″×16″.
A	Autopsy operating table.	S	Skylight.

CREMATING FURNACE.

FIGURE 3. Elevation of furnace.

FIGURE 4. Plan of furnace at *a* of Fig. 3.

FIGURE 5. Plan of furnace at *b* of Fig. 3.

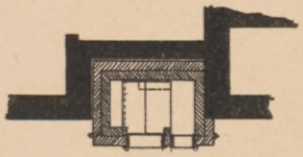
FIGURE 6. Plan of furnace at *c* of Fig. 3.

FIGURE 7. Transverse section at *d* of Fig. 3.

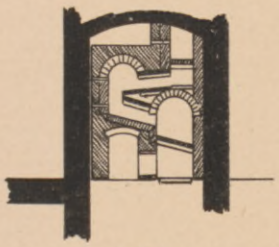
FIGURE 8. Transverse section at *e* of Fig. 3.

FIGURE 9. Longitudinal section at *h k* of Fig. 3.

PATHOLOGICAL BUILDING
LONGITUDINAL & TRANSVERSE SECTIONS

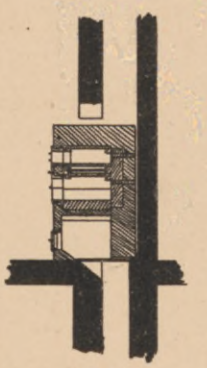


-FIG. 6-

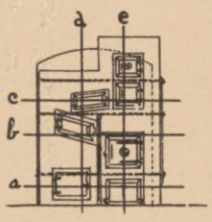


-FIG. 9-

-FIG. 8-

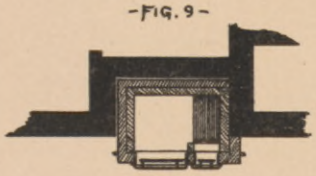


-FIG. 7-

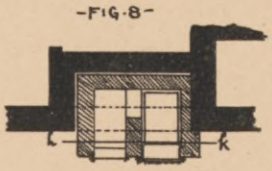


-FIG. 3-

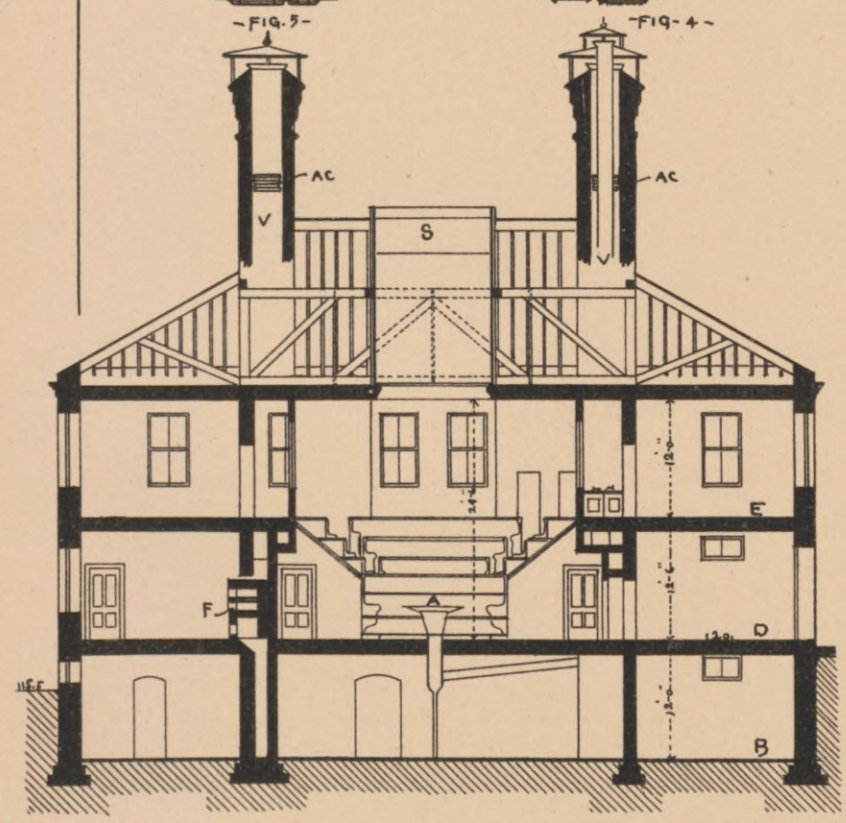
- SCALE - 1/8" = ONE FOOT -



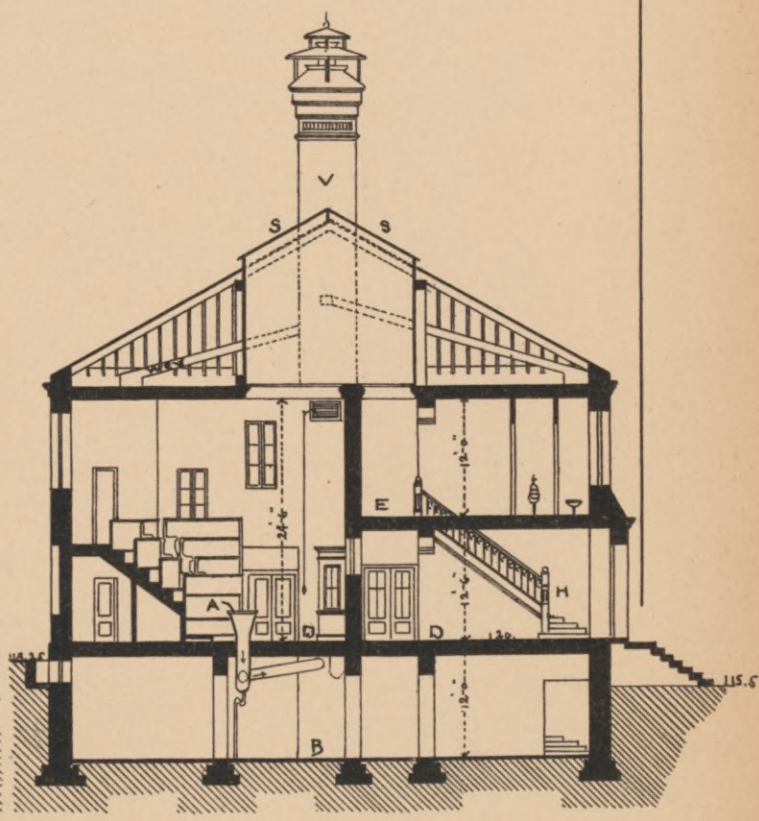
-FIG. 5-



-FIG. 4-



-FIG. 1-



-FIG. 2-

-SCALE - 20 FT. TO AN INCH -

PLATE 53.

PATHOLOGICAL BUILDING.

VIEW IN BACTERIOLOGICAL ROOMS.

PLATE 54.

LAUNDRY.

BASEMENT AND MAIN FLOOR PLANS.

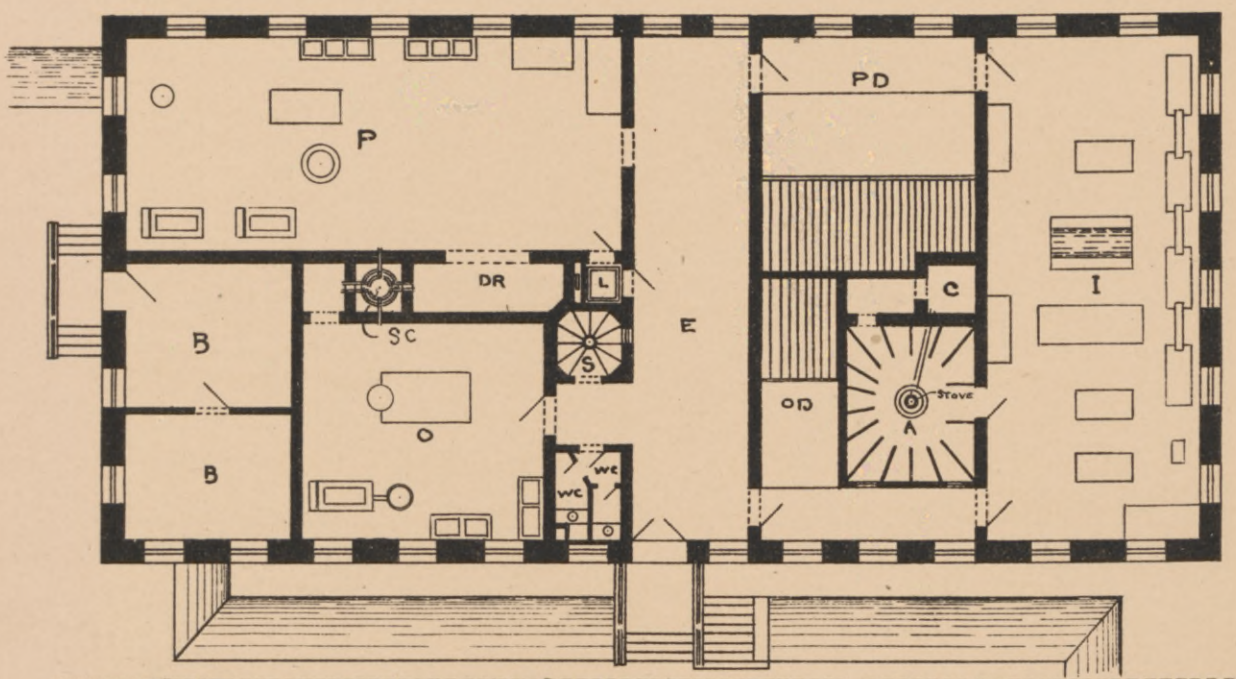
FIGURE 1. Basement or cellar floor.

H Boiler room.
F Fuel room (coal cellar).
D Disinfecting room, 12′ 8″×15′ 3″.
D C Disinfecting chamber.
E R Engine room.
C Ventilating chimney, 5′ 0″×5′ 0″.
S C Smoke and ventilating chimney, 5′ 0″×5′ 0″.
B W Bandage washing sink.
S Stairs.
L Lift, 2′ 8″×2′ 10″.
R Cellar.
W C Water closet.

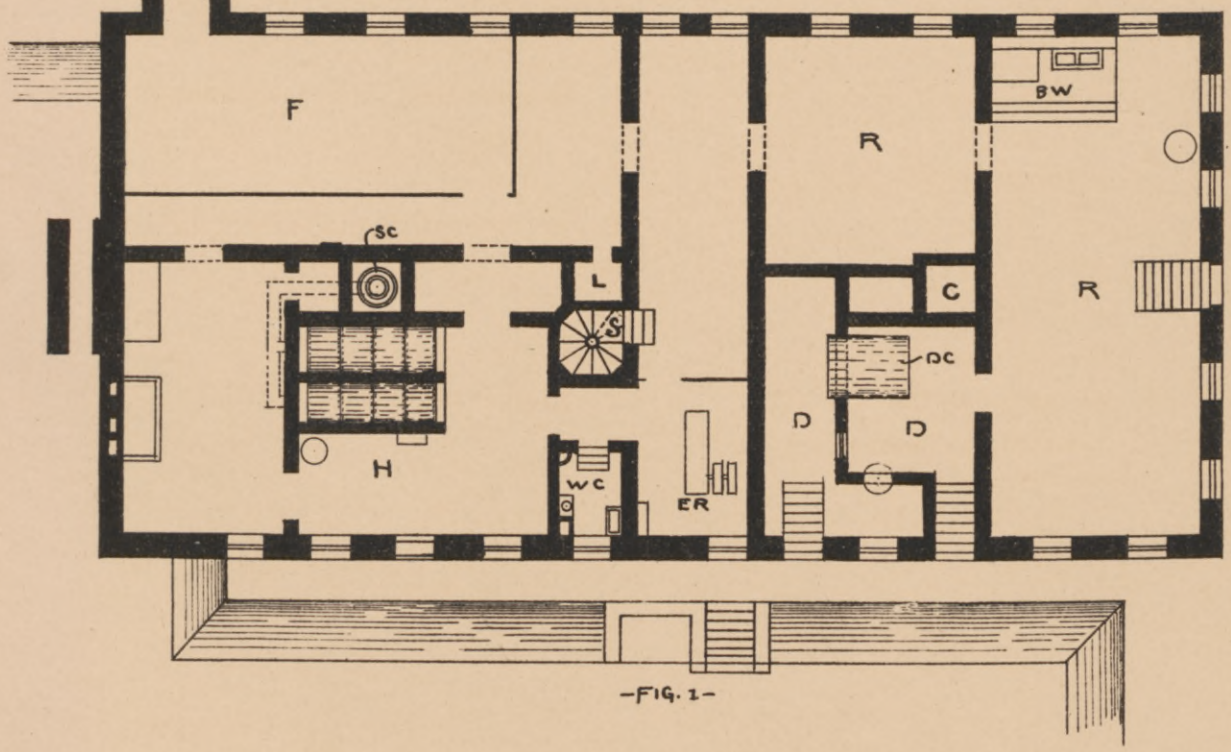
FIGURE 2. Main floor.

P Patients' wash room, 22′ 3″×51′ 3″.
O Officers' wash room, 22′ 3″×28′ 0″.
P D Patients' drying room, 22′ 0″×24′ 1″.
O D Officers' drying room, 8′ 3″×26′ 10″.
I Ironing room, 22′ 0″×51′ 8″.
A Airing room, 13′ 0″×16′ 0″.
C Ventilating chimney, 5′ 0″×5′ 0″.
S C Smoke and ventilating chimney, 5′ 0″×5′ 0″.
B Hair-carding, and bed-making rooms, 14′ 7″×17′ 0″, 13′ 0″×17′ 0″.
E Receiving hall and entry, 12′ 2″.
D R Dressing room, 5′ 0″×15′ 9″.
W C Water closets.
S Stairs to drying roof.
L Clothes lift, 2′ 8″×2′ 10″.

LAUNDRY
BASEMENT AND MAIN FLOOR PLANS



-FIG. 2-



-FIG. 1-

-SCALE- 20 FT. TO AN INCH -

PLATE 55.

LAUNDRY.

LONGITUDINAL AND TRANSVERSE SECTIONS.

FIGURE 1. Longitudinal section north and south.

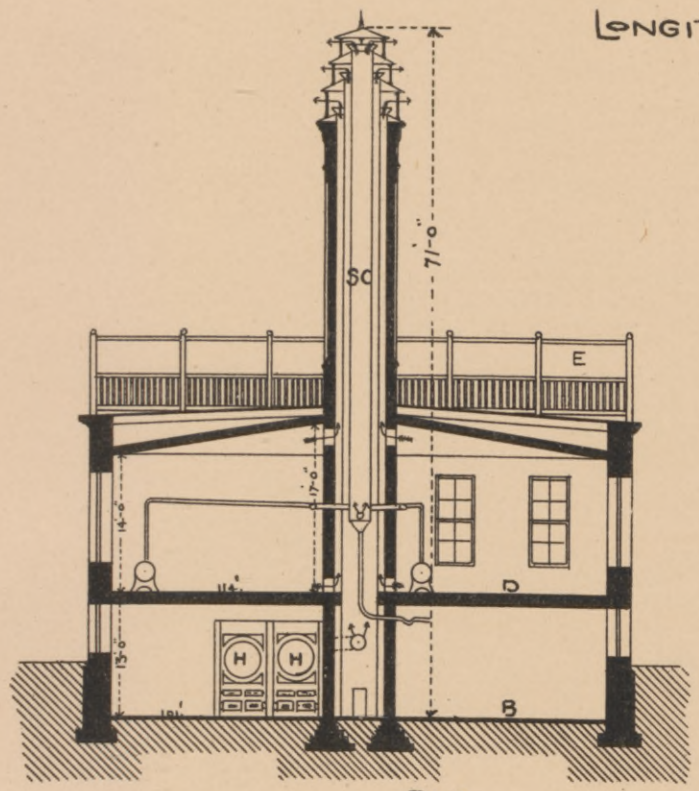
B Basement or cellar floor.
D Main floor.
E Drying roof.
C Ventilating chimney, 5′ 0″×5′ 0″.
S C Smoke and ventilating chimney, 5′ 0″×5′ 0″.
D C Disinfecting chamber.
H Boilers.

FIGURE 2. Transverse section east and west.

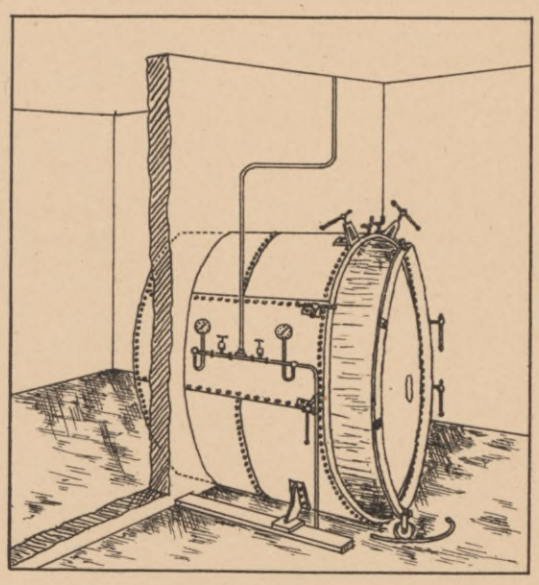
B Basement or cellar floor.
D Main floor.
E Drying roof.
S C Smoke and ventilating chimney, 5′ 0″×5′ 0″.
H Boilers.

FIGURE 3. Disinfecting chamber, perspective view.

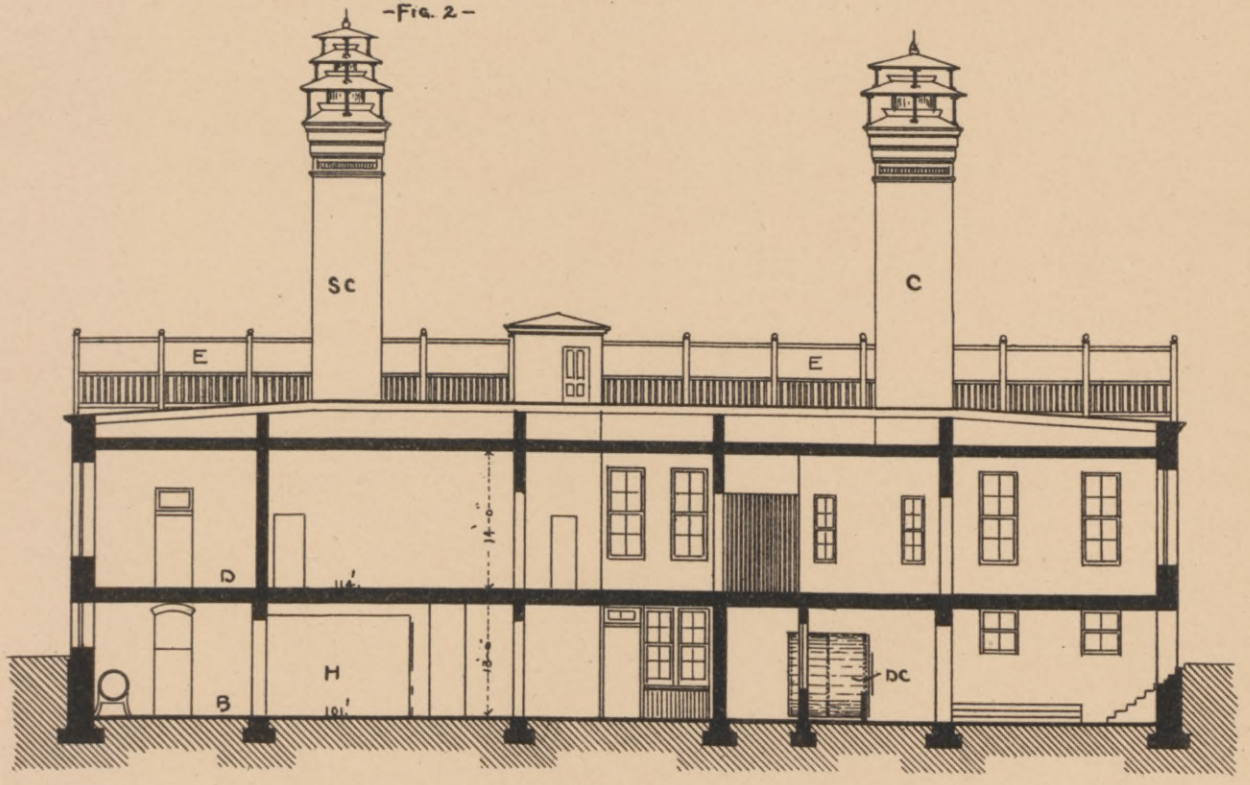
LAUNDRY
LONGITUDINAL AND TRANSVERSE SECTIONS



-FIG. 2-



-FIG. 3-



-FIG. 1-

-SCALE - 20 FT. TO AN INCH-

PLATE 56.

BATH HOUSE.

PLANS AND SECTIONS.

FIGURE 1. Main floor.

D R Dressing room, 6′ 0″×8′ 0″, 7′ 0″×10′ 6″, 7′ 0″×7′ 0″, 12′ 0″×15′ 0″.
S B Sulphur bath, 6′ 0″×8′ 0″.
M B Mercurial bath, 6′ 0″×8′ 0″.
L Lavarium, 10′ 6″×12′ 6″.
T Tepidarium, 10′ 6″×12′ 6″.
T B Turkish bath, 7′ 0″×9′ 0″.
R B Russian bath, 7′ 0″×9′ 0″.
L A Light and air shaft, 4′ 9″×9′ 0″.
E Lobby.
S Stairs.
W C Water closets.

FIGURE 2. Basement floor.

N B Needle bath.
C B Common bath.
H Hot water boilers.
L R Linen room.
L A Light and air shaft.
S Stairs.
W C Water closets.

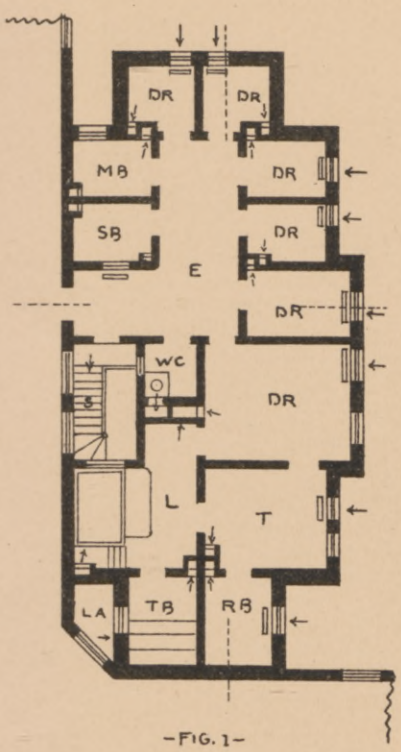
FIGURE 3. Section north and south.

B Basement floor.
D Main floor.
C Ventilating chimney, 4′ 0″×4′ 0″.
A C Accelerating steam coils.
V Ventilating flues.
C Co Covered corridor.
T Open terrace over corridor.
P T Pipe tunnel.

FIGURE 4. Section east and west.

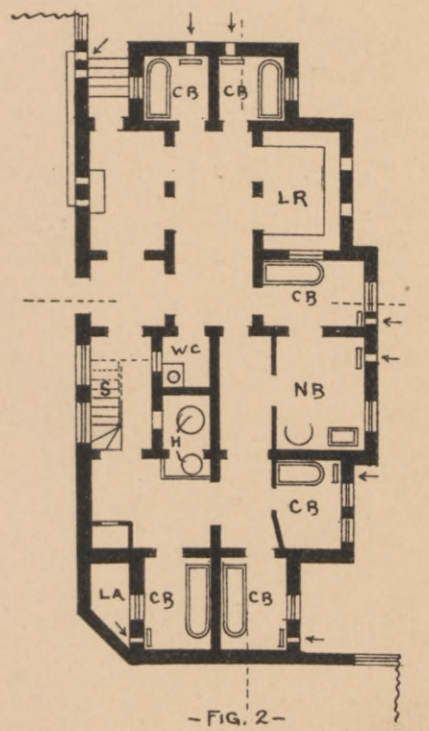
B Basement floor.
D Main floor.
C Ventilating chimney.
A C Accelerating coil.
V Ventilating flues.
C Co Covered corridor.
T Open terrace over corridor.
P T Pipe tunnel.
S L Skylight.

BATH HOUSE PLANS AND SECTIONS

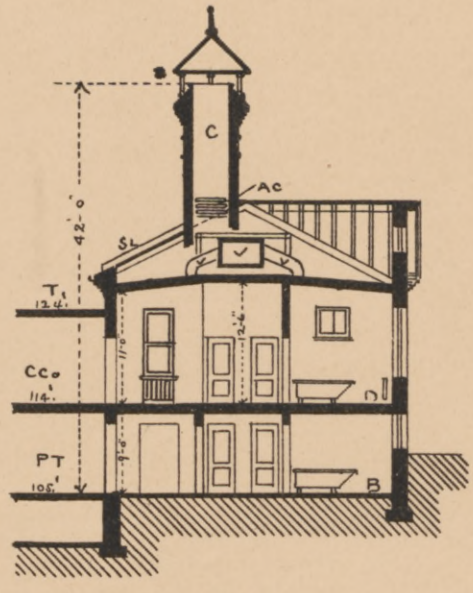


-FIG. 1-

-FIG. 3-



-FIG. 2-



-FIG. 4-

-SCALE-20 FT. TO AN INCH-

Description of the Johns Hopkins Hospital.
Billings.
1890.
National Library of Medicine
Bethesda, MD

Condition on Receipt: The quarter cloth and decorated paper case binding was in good condition. The sewing was intact but a few of the pages were loose. Most of the pages were in relatively sound condition even though some had a few small tears and some losses.

Treatment Report: The pH was recorded before and after treatment; before 5.0, after 8.0. The volume was collated and disbound. The inks were tested for solubility. The head, tail, and pages were dry cleaned and nonaqueously buffered (deacidified) with a suspension of magnesium oxide particles in a perfluoro compound. The pages were encapsulated in polyester film. The volume was post bound in two full cloth bindings. A leather label was stamped in gold foil. The book plates were removed from the original binding and were adhered to the front pastedowns of the new bindings.

Northeast Document Conservation Center
January 1997
DW/DG