HEATING NOTES:
All mains to pitch in direction indicated by arrows.
All 2nd floor rads. to be 47"-32" unless otherwise indicated.
All radiators to be legless type hung on two or more brackets.
All exposed risers, mains and connections in attic, and return mains and runouts at first floor ceiling shall be covered with 1" thick 85% magnesia covering.
Radiator supply and return valves to be of sizes shown by tapping table on this drawing.
Runouts from risers to radiators to be one size larger than the valves.

RADIATOR TAPPINGS.		
RATINGS	SUPPLY	RETURN
UP to 55 SQ. FT.	3/4"	1/2"
56-120 " "	1"	1/2"
121-190 " "	1 1/4"	1/2"

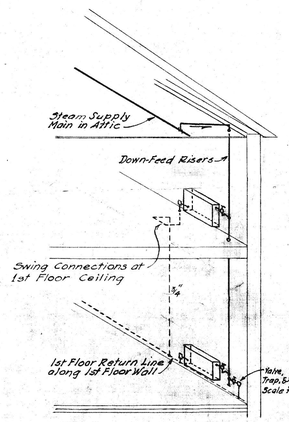
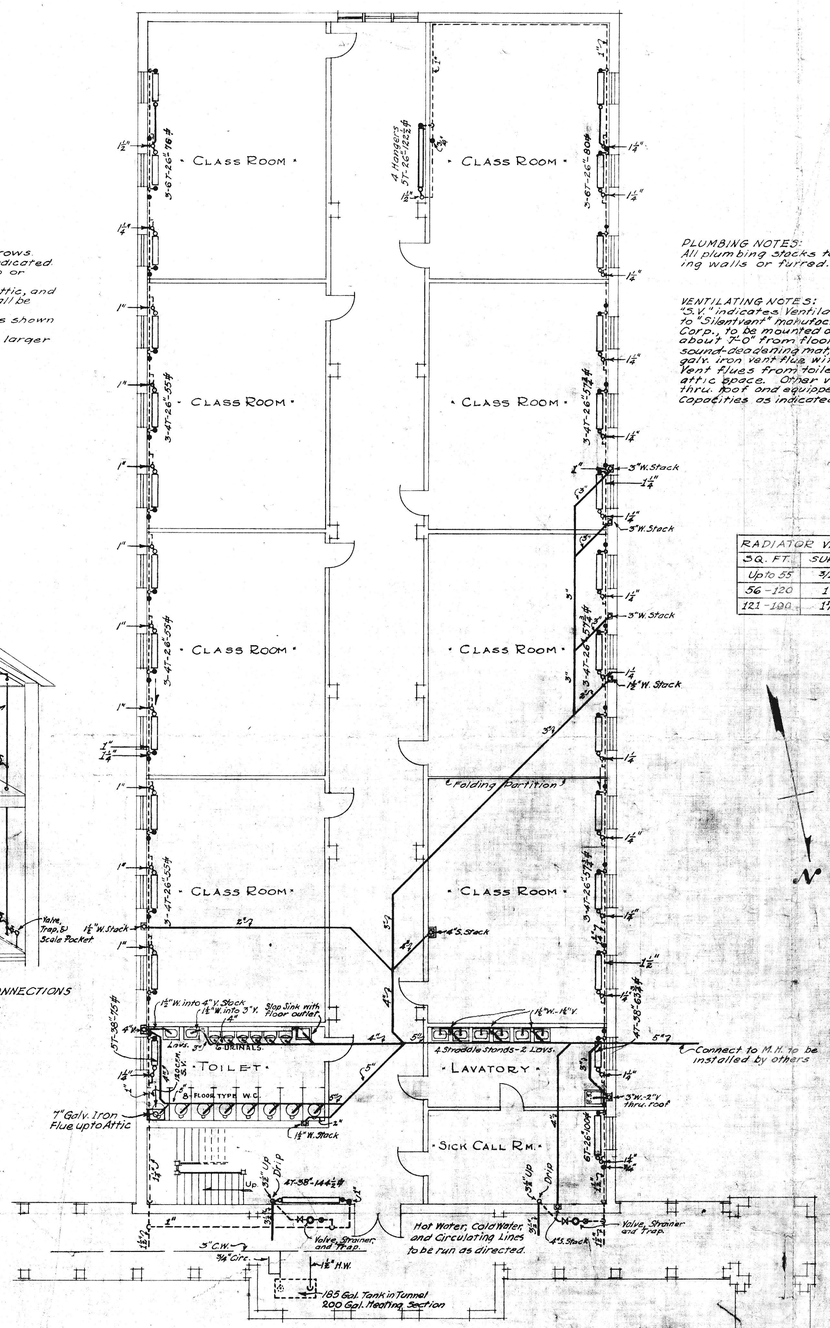


DIAGRAM OF TYPICAL CONNECTIONS HEATING SYSTEM.

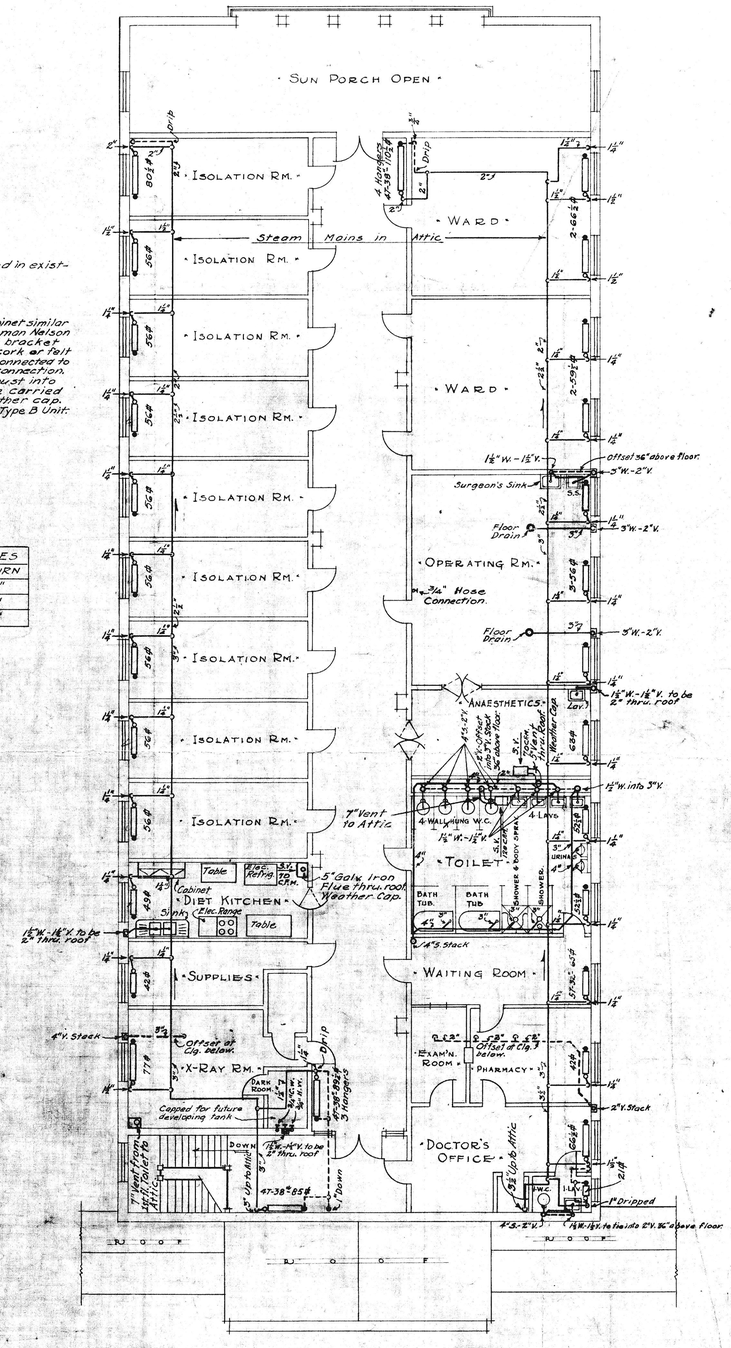
PLUMBING NOTES:
All plumbing stacks to be chased in existing walls or furred.

VENTILATING NOTES:
"S.V." indicates Ventilating Fan Cabinet similar to "Silentvent" manufactured by Herman Nelson Corp., to be mounted on approved bracket about 7'-0" from floor having 1" cork or felt sound-deadening mat, and to be connected to galv. iron vent flue with canvas connection. Vent flues from toilets to exhaust into attic space. Other vents to be carried thru. roof and equipped with weather cap. Capacities as indicated on plans, Type B Unit.

RADIATOR VALVE SIZES		
SQ. FT.	SUPPLY	RETURN
Up to 55	3/4"	1/2"
56-120	1"	1/2"
121-190	1 1/4"	1/2"



FIRST FLOOR PLAN
SCALE 1/8 IN. EQUALS 1 FT.



SECOND FLOOR PLAN
SCALE 1/8 IN. EQUALS 1 FT.

REVISIONS	WORK RECORD		FILE NO.
	DRAWN BY P.G.	BUILDING SCHOOL AND HOSPITAL	
	TRACED BY P.G.	LOCATION D.C. REFORMATORY LORTON, VA.	43-3
	CHECKED BY C.H.B.	OFFICE OF MUNICIPAL ARCHITECT—WASHINGTON, D. C.	DRWG. NO.
	DATE 4-16-31	CHIEF OF ARCHITECTURAL DIVISION	DATE 11-11-31
	SHEET	CHIEF OF STRUCTURAL DIVISION	DATE 11-11-31
		CHIEF OF MECHANICAL DIVISION	DATE 11-11-31
		MUNICIPAL ARCHITECT	DATE 11-11-31

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