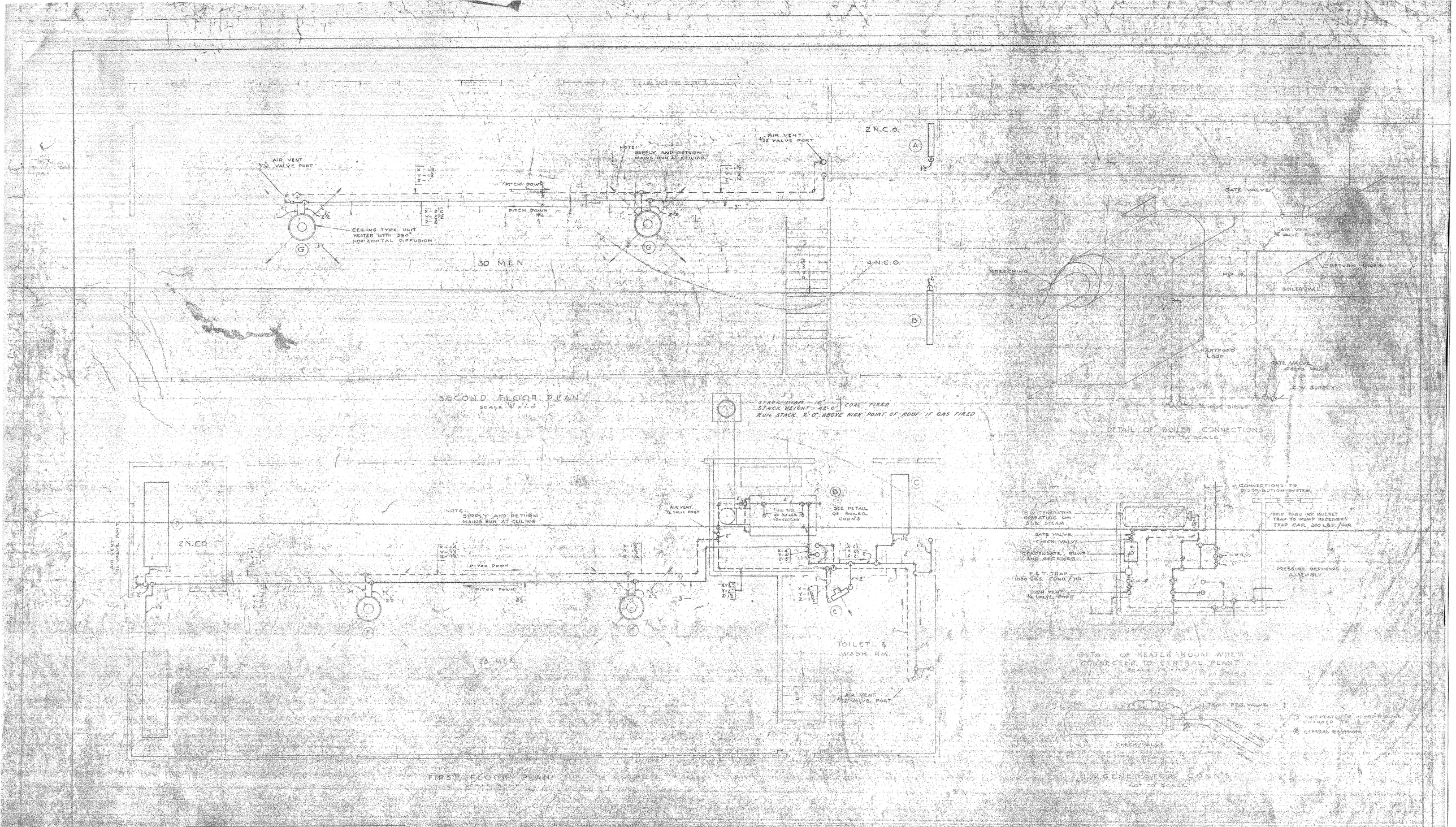

CONDENSATE PUMP			
	-20°F	0°F	+20°F
COND. CAP. NOT LESS THAN	40	40	40
LBS. BACKWARD PRESSURE	40	40	20
GALS. STORAGE CAP.	12	10	8

RADIATOR SCHEDULE					
SYMBOL	TYPE	ZONE			
		-20°F	0°F	+20°F	
A.P.	3 WBE 26" HIGH	96	32½	98½	(B)
		86	84	56	
B	SAME AS COND. CEILING	43	56	27	
A.B.		43	63	45	
TOTAL	C.I. RADIATION	315	285½	211½	

SYMBOL	ZONE
X	-20°F
Y	0°F
Z	+20°F

HEATING BOILER				
TYPE	ZONE			
	-20°F	0°F	+20°F	
HAND FIRED COAL CAPACITY SQ. FT. STEAM @ 5 LB.	2406	1959	1627	(B)
COMBUSTION RATE LBS. COAL PER SQ. FT. GRATE AREA/HR. NOT LESS THAN	5.0	5.5	5.5	
GAS-AGA OUTPUT RATING CAPACITY SQ. FT. STEAM, RAP	2945	2449	1909	

MAXIMUM ALLOWABLE EFFICIENCY FOR COAL FIRED GRATE AREA = 65%

UNIT HEATER SCHEDULE						
ZONE	SYMBOL	TYPE	BTU/HR	C.F.M.	ENT. AIR TEMP.	
-20°F	C	SUSPENDED CEILING	20,000	1500	70	(B)
	F		20,000	1500		
	L		73,000	1000		
0°F	C	SUSPENDED CEILING	20,000	1500	70	
	F		20,000	1500		
	L		60,000	1000		
+20°F	C	SUSPENDED CEILING	20,000	1500		
	F		20,000	1500		
	L		50,000	1000		

INSTALL CHECK VALVE AND AIR VALVE ON EACH UNIT HEATER RETURN

SCALE	CONSTRUCTION DIVISION OFFICE OF THE QUARTERMASTER GENERAL
AS NOTED	
REVISIONS	TEMPORARY BUILDINGS BARRACKS 63 MEN ALTERNATE HEATING LAYOUT
(A) 10-8-40	
(B) 1-22-44	

DRAWN BY	CHECKED BY	APPROVED BY DIRECTION	DATE
W.G.B.T.			OCT. 8, 1940
TRACED BY			PLANE NUMBER
			700-171