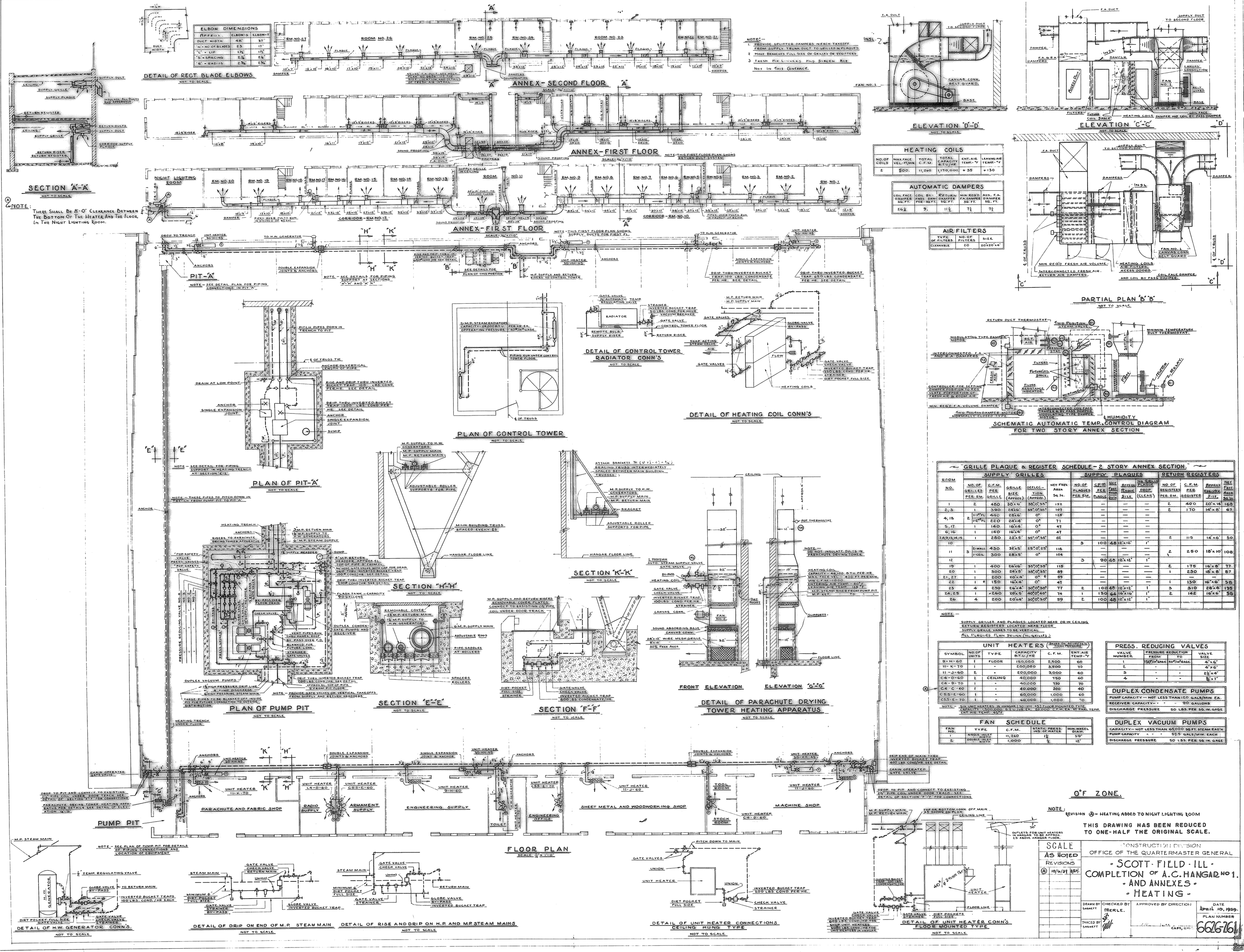

ELBOW DIMENSIONS		
APPROX.	ELBOW-S	ELBOW-T
DUCT WIDTH	46"	37"
"N" - NO. OF BLADES	2.3	1.7
"L" - LIP	1¾"	1½"
"S" - SPACING	2¼"	2¼"
"R" - RADIUS	2¾"	2¾"

HEATING COILS				
NO. OF COILS	MAX. FACE VEL. FT/MIN.	TOTAL C.F.M.	TOTAL CAPACITY B.T.U./HR.	ENT. AIR TEMP. °F	LEAVING AIR TEMP. °F
2	500.	11,260	1,170,000	+35	+150

AUTOMATIC DAMPERS				
COIL FACE DAMPER SQ. FT.	COIL BY-PASS DAMPER SQ. FT.	RETURN DAMPER SQ. FT.	MIN. REQ'D. FA. DAMPER SQ. FT.	AUX. F.A. DAMPER SQ. FT.
26½	9.	11½	7½	7½

AIR FILTERS		
TYPE OF FILTERS	NO. OF FILTERS	SIZE
CLEANABLE	20	20"x20"x4"

"GRILLE PLAQUE & REGISTER SCHEDULE - 2 STORY ANNEX SECTION."

ROOM NO.	SUPPLY GRILLES: NO. OF GRILLES PER RM.	C.F.M. PER GRILLE	GRILLE SIZE (APPROX.)	DEFLECTION (APPROX.)	NET FREE AREA Sq. In.	SUPPLY PLAQUES: NO. OF PLAQUES PER RM.	C.F.M. PER PLAQUE	NEC. FREE AREA PER PLAQUE	APPROX. PLAQUE SIZE	NO. GRILLE PLAQUE DROP (CLEAR)	RETURN REGISTERS: NO. OF REGISTERS PER RM.	C.F.M. PER REGISTER	APPROX. REGISTER SIZE	NET FREE AREA Sq. In.
1	2	480	30"x6"	35°,0",35°	152		—	—	—	—	2	400	20"x16"	160
2, 3	1	390	24"x6"	35°,0",35°	107		—	—	—	—	2	170	14"x8"	67
4, 18	2	1-18" FL	440	28"x6"	0°	125	—	—	—	—				
		1-12" FL	220	24"x4"	0°	71	—	—	—	—				
5, 17	1	140	16"x4"	0°	47		—	—	—	—				
6, 16	1	140	16"x4"	0°	47		—	—	—	—				
7,8,9,13,14,15	1	280	22"x5"	35°,0",35°	82		—	—	—	—	2	115	14"x6"	50
10						3	100	48	12"x12"	1"				
11	3	2-WALL	430	32"x5"	25°,0",25°	116	—	—	—	—	2	250	18"x10"	108
		1-CEIL	300	28"x5"	0°	104	—	—	—	—				
12						3	90	48	12"x12"	1"				
19	1	400	26"x6"	35°,0",35°	115		—	—	—	—	2	175	16"x8"	77
20	1	300	24"x5"	35°,0",35°	89		—	—	—	—	1	230	18"x8"	87
21, 27	1	200	20"x4"	0°	59		—	—	—	—		—	—	—
22	1	150	16"x4"	0°	47		—	—	—	—	1	130	16"x6"	58
23	4	250	26"x4"	30°,0",30°	77	2	100	48	12"x12"	1"	3	310	28"x6"	135
24, 25	1	260	20"x6"	40°,0",40°	74	1	130	64	16"x16"	1"	2	142	16"x6"	58
26	4	200	20"x4"	30°,0",30°	59	2	100	48	12"x12"	1"				

NOTE:
SUPPLY GRILLES AND PLAQUES LOCATED NEAR OR IN CEILING
RETURN REGISTERS LOCATED NEAR FLOOR
SUPPLY GRILLE VANES TO BE VERTICAL.
ALL PLAQUES FLAIN DESIGN (NO GRILLES.)

UNIT HEATERS (BASED ON 40 LBS/SQ.IN. STEAM PRESSURE)					
SYMBOL	NO. OF UNITS	TYPE	CAPACITY B.T.U./HR.	C.F.M.	ENT. AIR TEMP. °F
9-H-60	1	FLOOR	150,000	2,500	60
11-K-70	1	-	200,000	3,500	70
11-J-60	2	-	200,000	3,000	60
C4-D-60	2	CEILING	40,000	750	60
C4-D-70	1	-	40,000	750	70
C4-C-40	1	-	40,000	300	40
C5.5-E-60	1	-	60,000	1,000	60
C5.5-E-70	1	-	60,000	1,000	70

NOTE - (A) UNIT HEATERS IN HANGAR (30-HH-45) FLOOR MOUNTED TYPE. CAPACITY - 1,000,000 B.T.U./HR. EA. 20,000 C.F.M. EA. AT FINAL TEMP. ENT. AIR TEMP. -45°F.

PRESS. REDUCING VALVES			
VALVE NUMBER	PRESSURE REDUCTION FROM	TO	VALVE SIZE
1	150#/in² GAGE	40#/in² GAGE	4"x6"
2	-	-	4"x6"
3	-	-	2½"x4"
4	-	-	2½"x1"

DUPLEX CONDENSATE PUMPS	
PUMP CAPACITY — NOT LESS THAN 120 GALS/MIN. EA.	
RECEIVER CAPACITY - - -	90 GALLONS
DISCHARGE PRESSURE	50 LBS. PER SQ. IN. GAGE

FAN SCHEDULE				
FAN NO.	TYPE	C.F.M.	STATIC PRESS. INS. OF WATER	MIN. WHEEL DIAM.
1	SINGLE INLET CENTRIFUGAL	11,260	1½	39"
2	DOUBLE INLET CENTRIFUGAL	1,000	½	12"

DUPLEX VACUUM PUMPS	
CAPACITY — NOT LESS THAN 65,000 SQ. FT. STEAM EAD'N	
PUMP CAPACITY	50 GALS/MIN. EACH
DISCHARGE PRESSURE	50 LBS. PER SQ. IN. GAGE