SERVICES

MK	UTILITY	PRESS.	SIZE	FLOW	A.F.F.
1	MAIN PWR. INPUT	—	—	—	62
2					
3	S.C. EXHAUST	—	ø 8.0"	600 CFM	108
4	SCAV. EXHAUST	—	ø 6.0"	400 CFM	—
5	HEAT EXCH. FAN	—	ø12.0"	2500 CFM	110
6	H.E. H_2O SUPPLY	40 PSI MIN	¾ MNPT	6-8 GPM	111
7	H.E. H_2O DRAIN	40 PSI MIN	½ FNPT	6-8 GPM	116
8	N_2 INLET	35 PSI	.98 VCR	—	106
9	H_2 INLET	35 PSI	.98 VCR	—	106
10	O_2 INLET	35 PSI	.98 VCR	—	106
11	HCL INLET	35 PSI	.98 VCR	—	106
12	Ar INLET	35 PSI	.98 VCR	—	106
13	N_2 (purge) INLET	35 PSI	.98 VCR	—	106
14	D-I H_2O INLET	—	.25 FNPT	1 GPM	106
15					
16					
17	AIR	80 PSI	98 CS	—	106
18	D.I H_2O DRAIN	—	.38 CS	1 GPM	28
19					
20	SEPARATION POINT				

MINIMUM WALL OPENINGS

SECTION	HEIGHT	WIDTH
FURNACE	118	41
LOADING ISLAND	96	33
SOURCE CABINET	110	28

ELECTRICAL

MAX TEMPERATURE DEGREES CELSIUS — TUBE NO
1 1300 3 1300 5 ____ 7 ____
2 1300 4 1300 6 ____ 8 ____

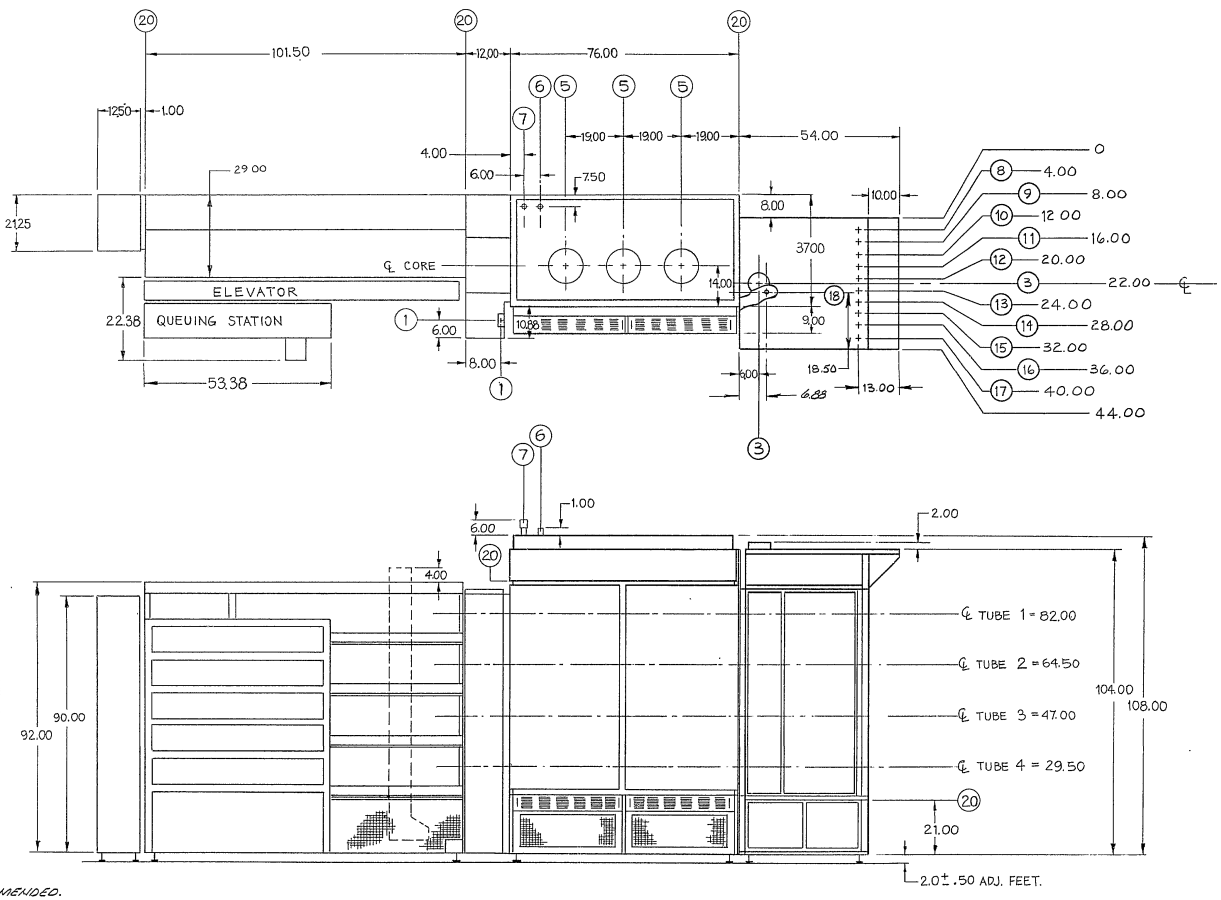
480 VOLTS, 250 AMPERES, 3 POLES,
3 PHASES, 156 KILOVOLTS-AMPERES
60 HERTZ

FURNACE CASE MUST BE GROUNDED PER LOCAL CODES.

MAXIMUM LOAD DATA

LINE VOLTAGE	LINE CURRENT-AMPERES L_1	L_2	L_3	NEUTRAL	TOTAL KV A
480	200.63	216.78	149.72		155.58
460	192.27	207.75	143.48		149.10
440	183.91	198.72	137.24		142.62

AVERAGE HEATER LOAD 85.27 KILOWATTS



NOTES:
1. SCAVENGER EXHAUST COLLECTOR BOX AND MAIN DAMPER ASSEMBLY IS TO BE INSTALLED BY CUSTOMER. SEE (4) ON SERVICE TABLE
2. ALL PRESSURES ARE BTU RECOMMENDED.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	REV PER ECO 18052	6/12/85	CM
	2	REV. PER ECO #18371	7/10/85	

		MATERIAL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVALS	DATE
			TOLERANCES	DRAWN MPletkin	4-30-85
		FINISH	DECIMALS .X ± .1 .XX ± .02 .XXX ± .005 / ANGLES ±1°	CHECK MGL	5-1-85
	DATL 2/86			ENG. Melissa Lopez	5-1-85
NEXT ASSY	USED ON		DO NOT SCALE DRAWING	PROD.	
APPLICATION		UNLESS OTHERWISE SPECIFIED 63 ALL OVER	THIRD ANGLE PROJECTION		

BTU ENGINEERING CORPORATION
N. BILLERICA, MASSACHUSETTS 01862

TITLE: INSTALLATION DWG DATL-22, 26, 36 L.H.

SIZE D | FSCM NO. | DRAWING NO. 4022221 | REV 2
SCALE 1/5 | TRUMPF | SHEET / OF /