MAKE UP AIR UNIT SCHEDULE

TYPICAL DESIGN CONDITIONS: SUMMER = 91°F / 74°F WINTER = 7°F

UNIT NO.	SERVICE AREA	YEAR INSTALLED	REFRIGERANT TYPE	REFRIGERANT CHARGE (LBS.)	MANUF./ MODEL NO.	EVAPORATOR (INDOOR) FAN SECTION: SUPPLY AIR (CFM)	MINIMUM OUTSIDE AIR (CFM)	% OUTSIDE AIR (CFM)	SUPPLY EXTERNAL SP (IN. W.C.)	COOLING SECTION: SIZE (TONS)	TOTAL COOLING CAPACITY (MBH)	SENSIBLE COOLING CAPACITY (MBH)	LATENT COOLING CAPACITY (MBH)	EAT DB/WB (°F)	LAT DB/WB (°F)	EWT (°F)	LWT (°F)	GLYCOL FLOW GPM	GLYCOL HEAD (FT H_2O)	GLYCOL (%)	HEATING SECTION: TYPE	HEATING CAPACITY (MBH)	HEATING INPUT (MBH)	HEATING OUTPUT (MBH)	EAT DB/WB (°F)	LAT DB/WB (°F)	ELECTRICAL: VOLT	Hz	Ph.	SUPP FAN HP	SUPPLY FAN RPM (V/Hz/Ph)	SUPP FAN FLA	COND FAN HP	COND FAN RPM (V/Hz/Ph)	COND FAN FLA	EXH FAN HP	EXH FAN RPM (V/Hz/Ph)	EXH FAN FLA	MCA	MOP	FILTERS: MERV	%	SIZE, LxWxH (QUANTITY)	AIR VELOCITY (FT./MIN)	OPERATING WEIGHT (LBS.)	COMMENTS/REMARKS
MAU-4-93	WEST MAINTENANCE SHOP	1993	N/A	N/A	HARTZELL 81-32-PL3	10000	–	–	0.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	1000	–	–	–	–	460	60	3	5	1438	7.6	N/A	N/A	N/A	N/A	N/A	–	–	8	–	20x20x2 (25) PERMANENT	144	1900	M#81-32-PL3; S#9302562; ASSET#062620
MAU-5-93	STOCKROOM	1993	N/A	N/A	HARTZELL 81-32-PK3	7400	–	–	0.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	1000	–	–	–	–	460	60	3	3	1328	4.8	N/A	N/A	N/A	N/A	N/A	–	–	8	–	20x20x2 (25) PERMANENT	106.6	1900	M#81-32-PK; S#9302563; ASSET#062696
MAU-8-93	CIP ROOM	1993	N/A	N/A	HARTZELL 81-44-LM3	22000	–	–	0.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	2000	–	–	–	–	460	60	3	7.5	1095	11	N/A	N/A	N/A	N/A	N/A	–	–	13	–	20x20x2 (25) PERMANENT	316.8	2700	M#81-44-LM3; S#9302564; ASSET#062676
MAU-10-93	LINES 4/5/7 OVEN AREAS	1993	N/A	N/A	HARTZELL 81-48-LN3	30000	–	–	0.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	3000	–	2925	–	–	460	60	3	10	1119	11	N/A	N/A	N/A	N/A	N/A	–	–	13	–	20x20x2 (25) PERMANENT	432	3400	M#81-48-LN3; S#9302566; ASSET#–
MAU-1-96	~~*UNIT REMOVED~~																																												~~UNIT REMOVED FROM THE FACTORY~~
MAU-2-96	SAUCE WASHDOWN ROOM	1996	N/A	N/A	KING DFOC220B	18000	–	–	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	1750	–	–	–	460	60	3	10	659	25.8	N/A	N/A	N/A	N/A	N/A	N/A	–	27.4	13	–	20x20x2 (25) 20x20x2 (25)	129.6	2150	M#DFOC-220BHRS; S#98-V3109A; ASSET#1031034
MAU-3-96	WEST MAINTENANCE SHOP	1996	N/A	N/A	TRANE DF0118	7000	–	–	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	33 825	825	–	–	460	60	3	5	–	8	N/A	N/A	N/A	N/A	N/A	N/A	–	–	8	–	20x16x2 (9) 20x16x2 (9)	175	1160	M#DFOA118FNBA2ACG11AA0CRVWY; S#A97E36614; ASSET#062608;
MAU-4-96	~~*UNIT REMOVED~~																																												~~UNIT REMOVED FROM THE FACTORY~~
MAU-5-96	LINE 6 & LINE 7 WASHDOWN ROOM	1996	N/A	N/A	STERLING QVDF-112-HRB	4500	–	–	1.51	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	88.8 222	222	–	–	460	60	3	3	–	8.1	N/A	N/A	N/A	N/A	N/A	N/A	–	–	13	–	LxWxH (?) LxWxH (?)	–	–	M#QVDF-112-HRB; S#97-67770; ASSET#1031024
MAU-6-96	–	1996	N/A	N/A	TRANE DF0118		–	–	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	22 550	550	–	–	460	60	3	5	–	8.1	N/A	N/A	N/A	N/A	N/A	N/A	–	–	13	–	LxWxH (?) LxWxH (?)	–	–	M#DFOA118FNBA2ABG13AA0SRXY; S#A96G39831; ASSET#050178
MAU-7-96	LINE 6 & LINE 8 OVEN AREAS	1996	N/A	N/A	TRANE DF0225	40500	–	–	0.75	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	3062	132 3300	3300	–	–	460	60	3	25	–	30.6	N/A	N/A	N/A	N/A	N/A	N/A	–	–	13	–	20x20x2 (36) 20x20x2 (36)	202.5	3975	M#DFOA225FNDA1APM13BA0B000; S#A98B32589; ASSET#1031133
MAU-6-04	LINE 8 OVEN AREA	2004	N/A	N/A	GREENHECK DGX-133-H42	36900	–	–	0.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	3600.5	3312.5	6/–	90/–	460	60	3	30	1725	50.5	N/A	N/A	N/A	N/A	N/A	N/A	–	–	13	–	LxWxH (?)	–	2800	M#DGX-133-H42-DB; S#04103830 ASSET#050203;
MAU-8-04	PROOFER ROOM	2004	N/A	N/A	GREENHECK DGX-120-H32	14400	–	–	0.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	1405.1	1292.7	6/–	90/–	460	60	3	15	1725	26.8	N/A	N/A	N/A	N/A	N/A	N/A	–	–	13	30	LxWxH (?)	–	2500	M#DGX-120-H32-DB; S#04105435 ASSET#050186
MAU-1-11	CIP ROOM	2011	N/A	N/A	GREENHECK DGX-118-H32	11000	–	–	0.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	48 1200	1104	–	92.9/–	460	60	3	10	1725	14	N/A	N/A	N/A	5	N/A	N/A	27.88	35	13	–	LxWxH (?)	–	1600	M#DGX-118-H32-DB; S#12095511 ASSET#1134001

DEMO'D / REMOVED

DEMO'D / REMOVED

NOTES:
1. FOR THE LOCATION OF UNITS, DUCTWORK & SERVICE AREAS, REFER TO DWGS 5446-022-MH101-10, 5446-022-MH102-10 AND 5446-022-MH103-10.
2. "R" IN RMAUs ARE UNITS RUNNING ON AMMONIA.
3. "G" IN GMAUs ARE UNITS RUNNING ON GLYCOL.
4. ALL UNITS SHOWN ON SCHEDULES I, II, III AND XII DRAW FRESH AIR FROM THE OUTSIDE. THE DEHUMIDIFIER MUN-4 (SCHEDULE V) ALSO DRAWS FRESH AIR FROM THE OUTSIDE.
6. NUMERATOR = DENOMINATOR NUMERATOR = LOW / MIN VALUE; DENOMINATOR = HIGH / MAX VALUE
7. 1 TON = 12 MBH = 12,000 Btu/h
8. AIR VELOCITY (FPM) = CFM ÷ [(FILTER LENGTH X FILTER WIDTH) X (QTY.) ÷ 144]

HVAC SCHEDULE - II : MAUs, RTUs, & SUPPLY FANS

SCALE: NTS (ANSI-D)

Nestlé Engineering RECORD COPY DATE: 09DEC20

NO.	DATE	BY	CHKD	APPD	REMARKS
4					
3					
2					
1	25NOV20	JKN	JM	JM	OVERALL HVAC SCHEDULE FOR MAUs.

MT. STERLING, KENTUCKY
FOODS DIVISION
HVAC SCHEDULE – II
HVAC W/ FRESH AIR SUPPLY
SCHEDULE II - MAKE UP AIR UNITS

ORIGINATOR: HOT POCKETS / FOODS DIVISION / 5446
ADDRESS: 150 OAK GROVE DRIVE
CITY/STATE: MT. STERLING / KENTUCKY / 40353
TEL NO: (859) 498-4300
FAX NO: (859) 498-4363
E-MAIL: jeff.ng@us.nestle.com

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DRAWN BY:	DATE:	CHKD BY:	DATE:	APPD BY:	DATE:	DATE ISSUED:
JKN	29OCT20	JM	09DEC20	JM		09 DECEMBER 2020

PROJECT NO:	REV NO:	SHEET SIZE	SCALE:
N/A	1	ANSI - D (22 x 34)	NTS

CAD DWG FILE: 5446-022-MH602-20

SHEET NO: MH602

S:\Engineering\CAD Files\022 - HVAC Systems\Active As-Builts\5446-022-MH602-20 - HVAC Schedule II - MAUs.dwg, 12/9/2020 10:53:34 AM, 1:1