

ELECTRIC HUMIDIFIER SCHEDULE

UNIT NO.	LOCATION	SERVICE	TYPE	CAPACITY LB/H	HEATER				MANUFACTURER/ MODEL NO.	REMARKS
					KW	V	PH	HZ		
L-CS-107-HU-01	CORNER STATION	LVEA	ELECTRIC	75	26	460	3	60	NORTEC NH-075	DOMESTIC WATER W/ BLOWDOWN CYCLE
L-CS-107-HU-02	CORNER STATION	LVEA	ELECTRIC	75	26	460	3	60	NORTEC NH-075	DOMESTIC WATER W/ BLOWDOWN CYCLE
L-CS-107-HU-03	CORNER STATION	LVEA	ELECTRIC	75	26	460	3	60	NORTEC NH-075	DOMESTIC WATER W/ BLOWDOWN CYCLE
L-CS-107-HU-04	CORNER STATION	LVEA	ELECTRIC	75	26	460	3	60	NORTEC NH-075	DOMESTIC WATER W/ BLOWDOWN CYCLE
L-CS-107-HU-05	CORNER STATION	OSB	ELECTRIC	50	17	460	3	60	NORTEC NH-070	DOMESTIC WATER W/ BLOWDOWN CYCLE
L-CS-107-HU-06	CORNER STATION	OSB	ELECTRIC	50	17	460	3	60	NORTEC NH-070	DOMESTIC WATER W/ BLOWDOWN CYCLE
L-CS-160-HU-07	CORNER STATION	OSB	ELECTRIC	150	52	460	3	60	NORTEC NH-075	DOMESTIC WATER W/ BLOWDOWN CYCLE
L-EA-203-HU-01	END STATION A	END STATION A	ELECTRIC	40	14	460	3	60	DRI STEEM W/DI-16-1	RO & DEMINERALIZED OR DISTILLED WATER W/O BLOWDOWN CYCLE
L-EA-203-HU-02	END STATION A	END STATION A	ELECTRIC	40	14	460	3	60	DRI STEEM W/DI-16-1	RO & DEMINERALIZED OR DISTILLED WATER W/O BLOWDOWN CYCLE - STANDBY
L-EB-203-HU-01	END STATION B	END STATION B	ELECTRIC	40	14	460	3	60	DRI STEEM W/DI-16-1	RO & DEMINERALIZED OR DISTILLED WATER W/O BLOWDOWN CYCLE
L-EB-203-HU-02	END STATION B	END STATION B	ELECTRIC	40	14	460	3	60	DRI STEEM W/DI-16-1	RO & DEMINERALIZED OR DISTILLED WATER W/O BLOWDOWN CYCLE - STANDBY

ELECTRIC DUCT HEATER SCHEDULE

UNIT NO.	LOCATION	SERVICE		HEATING CAPACITY (KW)	NUMBER OF STAGES	VOLTS/ PH/Hz	DUCT SIZE (IN)	MANUFACTURER/ MODEL NO.	REMARKS
		BUILDING	ROOM						
L-CS-107-HC-01	MECH ROOM	LVEA	LASER AREA - 1	75	SCR	460/3/60	48X36	CHROMALOX DHIF	
L-CS-107-HC-02	MECH ROOM	LVEA	LASER AREA - 2	150	SCR	460/3/60	48X60	CHROMALOX DHIF	
L-CS-107-HC-03	MECH ROOM	LVEA	LASER AREA - 3	150	SCR	460/3/60	48X60	CHROMALOX DHIF	
L-CS-107-HC-04	MECH ROOM	LVEA	LASER AREA - 4	100	SCR	460/3/60	48X36	CHROMALOX DHIF	
L-CS-107-HC-05	MECH ROOM	LVEA	LASER AREA - 5	100	SCR	460/3/60	48X36	CHROMALOX DHIF	
L-CS-107-HC-06	MECH ROOM	LVEA	MECHANICAL ROOM	50	4	460/3/60	48X24	CHROMALOX DHIF	
L-CS-107-HC-07	MECH ROOM	LVEA	OUTSIDE AIR SUPPLY	25	4	460/3/60	24X24	CHROMALOX DHIF	
L-CS-107-HC-08	MECH ROOM	LVEA	OUTSIDE AIR SUPPLY	25	4	460/3/60	24X24	CHROMALOX DHIF	
L-CS-107-HC-09	AHU-3	OSB	AHU - 3	50	4	460/3/60	30X48	CHROMALOX DHIF	
L-CS-107-HC-10	AHU-3	OSB	AHU - 3	50	4	460/3/60	30X48	CHROMALOX DHIF	
L-CS-107-HC-11	MECH ROOM	OSB	OUTSIDE AIR SUPPLY	12	2	460/3/60	18X12	CHROMALOX DHIF	
L-CS-107-HC-12	MECH ROOM	OSB	OUTSIDE AIR SUPPLY	12	2	460/3/60	18X12	CHROMALOX DHIF	
L-CS-160-HC-13	MECH ROOM	AHU-4	OUTSIDE AIR SUPPLY	30	4	460/3/60	18X12	CHROMALOX DHIF	
L-EA-203-HC-01	END STATION A	END STATION A	OUTSIDE AIR SUPPLY	6	2	460/3/60	18X12	CHROMALOX DHIF	STANDBY
L-EA-203-HC-02	END STATION A	END STATION A	OUTSIDE AIR SUPPLY	6	2	460/3/60	18X12	CHROMALOX DHIF	
L-EA-203-HC-03	END STATION A	END STATION A	VEA	75	SCR	460/3/60	30X36	CHROMALOX DHIF	
L-EA-203-HC-04	END STATION A	END STATION A	EXPERIMENT EQUIPMENT	6	2	460/3/60	24X12	CHROMALOX DHIF	
L-EA-203-HC-05	END STATION A	END STATION A	CLEANING & CHANGE ROOM	6	2	460/3/60	24X12	CHROMALOX DHIF	
L-EA-203-HC-06	END STATION A	END STATION A	INSPECTION/SHIP/REC.	6	2	460/3/60	24X12	CHROMALOX DHIF	
L-EA-203-HC-07	END STATION A	END STATION A	MECHANICAL ROOM	9	2	460/3/60	24X18	CHROMALOX DHIF	
L-EA-203-HC-08	END STATION A	END STATION A	VACUUM SUPPORT RM.	9	2	460/3/60	18X18	CHROMALOX DHIF	
L-EB-203-HC-01	END STATION B	END STATION B	OUTSIDE AIR SUPPLY	6	2	460/3/60	18X12	CHROMALOX DHIF	STANDBY
L-EB-203-HC-02	END STATION B	END STATION B	OUTSIDE AIR SUPPLY	6	2	460/3/60	18X12	CHROMALOX DHIF	
L-EB-203-HC-03	END STATION B	END STATION B	VEA	75	SCR	460/3/60	30X36	CHROMALOX DHIF	
L-EB-203-HC-04	END STATION B	END STATION B	EXPERIMENT EQUIPMENT	6	2	460/3/60	24X12	CHROMALOX DHIF	
L-EB-203-HC-05	END STATION B	END STATION B	CLEANING & CHANGE ROOM	6	2	460/3/60	24X12	CHROMALOX DHIF	
L-EB-203-HC-06	END STATION B	END STATION B	INSPECTION/SHIP/REC.	6	2	460/3/60	24X12	CHROMALOX DHIF	
L-EB-203-HC-07	END STATION B	END STATION B	MECHANICAL ROOM	9	2	460/3/60	24X18	CHROMALOX DHIF	
L-EB-203-HC-08	END STATION B	END STATION B	VACUUM SUPPORT RM.	9	2	460/3/60	18X18	CHROMALOX DHIF	
L-CS-194-HC-14	CORNER STN	MAINTENANCE	OFFICE	20	4	460/3/60	12X8	CHROMALOX DHIF	

NOTES:

1. FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES SEE SHEETS LA-H-001 AND LA-H-002.

VAV TERMINAL SCHEDULE - SINGLE DUCT

SIZE	LOCATION	SERVICE	TYPE	INLET SIZE DIA. (IN.)	MAX ACFM	MIN ACFM	MAX BOX AIR PD (IN. WG)	HEATING COIL		MANUFACTURER/ MODEL NO.	REMARKS
								KW	NO OF STAGES		
01	OSB	OSB	PRESSURE INDEPENDENT	4	100	11	0.15	4	2	208/11/60	PROVIDED WITH 36" ATTENUATOR
02	OSB	OSB	PRESSURE INDEPENDENT	5	200	11	0.20	4	2	208/11/60	PROVIDED WITH 36" ATTENUATOR
03	OSB	OSB	PRESSURE INDEPENDENT	6	300	11	0.30	4	2	208/11/60	PROVIDED WITH 36" ATTENUATOR
04	OSB	OSB	PRESSURE INDEPENDENT	7	450	11	0.30	7.5	2	208/11/60	PROVIDED WITH 36" ATTENUATOR
05	OSB	OSB	PRESSURE INDEPENDENT	8	600	11	0.30	7.5	2	208/11/60	PROVIDED WITH 36" ATTENUATOR
06	OSB	OSB	PRESSURE INDEPENDENT	9	750	11	0.30	13.0	2	460/3/60	PROVIDED WITH 36" ATTENUATOR
07	OSB	OSB	PRESSURE INDEPENDENT	10	950	11	0.30	13.0	2	460/3/60	PROVIDED WITH 36" ATTENUATOR
08	OSB	OSB	PRESSURE INDEPENDENT	12	1300	11	0.30	19.0	2	460/3/60	PROVIDED WITH 36" ATTENUATOR

VAV TERMINAL SCHEDULE - DOUBLE DUCT

SIZE	LOCATION	SERVICE	TYPE	INLET SIZE DIA. (IN.)	COLD AIR		WARM AIR		MAX BOX AIR PD (IN. WG)	MANUFACTURER/ MODEL NO.	REMARKS
					MAX ACFM	MIN ACFM	MAX ACFM	MIN ACFM			
01	OSB	OSB	PRESSURE INDEPENDENT	4	100	0	100	0	0.15	TITUS EDY-3000	PROVIDED WITH 36" ATTENUATOR
02	OSB	OSB	PRESSURE INDEPENDENT	5	200	0	200	0	0.20	TITUS EDY-3000	PROVIDED WITH 36" ATTENUATOR
03	OSB	OSB	PRESSURE INDEPENDENT	6	300	0	300	0	0.30	TITUS EDY-3000	PROVIDED WITH 36" ATTENUATOR
04	OSB	OSB	PRESSURE INDEPENDENT	7	450	0	450	0	0.30	TITUS EDY-3000	PROVIDED WITH 36" ATTENUATOR
05	OSB	OSB	PRESSURE INDEPENDENT	8	600	0	600	0	0.30	TITUS EDY-3000	PROVIDED WITH 36" ATTENUATOR
06	OSB	OSB	PRESSURE INDEPENDENT	9	750	0	750	0	0.30	TITUS EDY-3000	PROVIDED WITH 36" ATTENUATOR
07	OSB	OSB	PRESSURE INDEPENDENT	10	950	0	950	0	0.30	TITUS EDY-3000	PROVIDED WITH 36" ATTENUATOR
08	OSB	OSB	PRESSURE INDEPENDENT	12	1300	0	1300	0	0.30	TITUS EDY-3000	PROVIDED WITH 36" ATTENUATOR
09	OSB	OSB	PRESSURE INDEPENDENT	14	2200	0	2200	0	0.30	TITUS EDY-3000	PROVIDED WITH 36" ATTENUATOR
10	OSB	OSB	PRESSURE INDEPENDENT	16	3400	0	3400	0	0.30	TITUS EDY-3000	PROVIDED WITH 36" ATTENUATOR

not be reproduced, copied, loaned, exhibited, or used in any other way, except by written consent from PARSONS to the borrower.

This document and the design it covers are the property of PARSONS. They are loaned only with the borrower's expressed written agreement that they will

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
C	7-24-96	CLP				ISSUED FOR BID
B	6-14-96	CLP				FINAL DESIGN REVIEW
A	10-31-95	CLP				PRELIMINARY DESIGN REVIEW

DRAWN	CLP
CHECKED	
ENGINEER	
PROJ	

PARSONS
 100 WEST WALNUT STREET
 PASADENA, CALIFORNIA

LIGO
 CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER
 GRAVITATIONAL-WAVE OBSERVATORY
 SITE NO.2 - LIVINGSTON, LOUISIANA

TITLE: HVAC EQUIPMENT SCHEDULES SHEET 3

SCALE: NONE

CUSTOMER NUMBER: PPI50969

DRAWING NUMBER: 8094

LA-H-005

Mon Jul 22 12:34:57 1996 s3-v18b2 J:\PLOTS\QUEUES\18B2\MU005B.PRF