

**ELECTRIC HUMIDIFIER SCHEDULE**

UNIT NO.	LOCATION	SERVICE	TYPE	CAPACITY LB/H	HEATER				MANUFACTURER/ MODEL NO.	REMARKS
					KW	V	PH	HZ		
W-CS-107-HU-05	CORNER STATION	OSB	ELECTRIC	50	17	460	3	60	NORTEC MH-030	DOMESTIC WATER W/ BLOWDOWN CYCLE
W-CS-107-HU-06	CORNER STATION	OSB	ELECTRIC	50	17	460	3	60	NORTEC MH-030	DOMESTIC WATER W/ BLOWDOWN CYCLE
W-CS-160-HU-07	CORNER STATION	OSB	ELECTRIC	150	52	460	3	60	NORTEC MH-075	DOMESTIC WATER W/ BLOWDOWN CYCLE
W-MA-203-HU-01	MID STATION A	MID STATION A	ELECTRIC	40	14	460	3	60	DRI STEEM VLDI-16-1	RO & DEMINERALIZED OR DISTILLED WATER W/O BLOWDOWN CYCLE
W-MA-203-HU-02	MID STATION A	MID STATION A	ELECTRIC	40	14	460	3	60	DRI STEEM VLDI-16-1	RO & DEMINERALIZED OR DISTILLED WATER W/O BLOWDOWN CYCLE, STANDBY
W-MB-203-HU-01	MID STATION B	MID STATION B	ELECTRIC	40	14	460	3	60	DRI STEEM VLDI-16-1	RO & DEMINERALIZED OR DISTILLED WATER W/O BLOWDOWN CYCLE
W-MB-203-HU-02	MID STATION B	MID STATION B	ELECTRIC	40	14	460	3	60	DRI STEEM VLDI-16-1	RO & DEMINERALIZED OR DISTILLED WATER W/O BLOWDOWN CYCLE, STANDBY
W-EA-203-HU-01	END STATION A	END STATION A	ELECTRIC	40	14	460	3	60	DRI STEEM VLDI-16-1	RO & DEMINERALIZED OR DISTILLED WATER W/O BLOWDOWN CYCLE
W-EA-203-HU-02	END STATION A	END STATION A	ELECTRIC	40	14	460	3	60	DRI STEEM VLDI-16-1	RO & DEMINERALIZED OR DISTILLED WATER W/O BLOWDOWN CYCLE, STANDBY
W-EB-203-HU-01	END STATION B	END STATION B	ELECTRIC	40	14	460	3	60	DRI STEEM VLDI-16-1	RO & DEMINERALIZED OR DISTILLED WATER W/O BLOWDOWN CYCLE
W-EB-203-HU-02	END STATION B	END STATION B	ELECTRIC	40	14	460	3	60	DRI STEEM VLDI-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						
W-CS-107-HC-09	AHU-3	OSB	AHU - 3	50	4	460/3/60	30X48	CHROMALOX DHIF	
W-CS-107-HC-10	AHU-3	OSB	AHU - 3	50	4	460/3/60	30X48	CHROMALOX DHIF	
W-CS-107-HC-11	MECH ROOM	OSB	OUTSIDE AIR SUPPLY	15	2	460/3/60	18X12	CHROMALOX DHIF	
W-CS-107-HC-12	MECH ROOM	OSB	OUTSIDE AIR SUPPLY	15	2	460/3/60	18X12	CHROMALOX DHIF	
W-CS-160-HC-13	MECH ROOM	AHU-4	OUTSIDE AIR SUPPLY	50	4	460/3/60	18X12	CHROMALOX DHIF	
W-MA-203-HC-01	MID STATION A	MID STATION A	OUTSIDE AIR SUPPLY	8	2	460/3/60	18X12	CHROMALOX DHIF	STANDBY
W-MA-203-HC-02	MID STATION A	MID STATION A	OUTSIDE AIR SUPPLY	8	2	460/3/60	18X12	CHROMALOX DHIF	
W-MA-203-HC-03	MID STATION A	MID STATION A	VEA	75	SCR	460/3/60	30X36	CHROMALOX DHIF	
W-MA-203-HC-04	MID STATION A	MID STATION A	EXPERIMENT EQUIPMENT	6	2	460/3/60	24X12	CHROMALOX DHIF	
W-MA-203-HC-05	MID STATION A	MID STATION A	CLEANING & CHANGE ROOM	6	2	460/3/60	24X12	CHROMALOX DHIF	
W-MA-203-HC-06	MID STATION A	MID STATION A	INSPECTION/SHIP/REC.	9	2	460/3/60	24X12	CHROMALOX DHIF	
W-MA-203-HC-07	MID STATION A	MID STATION A	MECHANICAL ROOM	12	4	460/3/60	24X18	CHROMALOX DHIF	
W-MA-203-HC-08	MID STATION A	MID STATION A	VACUUM SUPPORT RM.	12	2	460/3/60	18X18	CHROMALOX DHIF	
W-EA-203-HC-01	END STATION A	END STATION A	OUTSIDE AIR SUPPLY	8	2	460/3/60	18X12	CHROMALOX DHIF	STANDBY
W-EA-203-HC-02	END STATION A	END STATION A	OUTSIDE AIR SUPPLY	8	2	460/3/60	18X12	CHROMALOX DHIF	
W-EA-203-HC-03	END STATION A	END STATION A	VEA	75	SCR	460/3/60	30X36	CHROMALOX DHIF	
W-EA-203-HC-04	END STATION A	END STATION A	EXPERIMENT EQUIPMENT	6	2	460/3/60	24X12	CHROMALOX DHIF	
W-EA-203-HC-05	END STATION A	END STATION A	CLEANING & CHANGE ROOM	6	2	460/3/60	24X12	CHROMALOX DHIF	
W-EA-203-HC-06	END STATION A	END STATION A	INSPECTION/SHIP/REC.	9	2	460/3/60	24X12	CHROMALOX DHIF	
W-EA-203-HC-07	END STATION A	END STATION A	MECHANICAL ROOM	12	4	460/3/60	24X18	CHROMALOX DHIF	
W-EA-203-HC-08	END STATION A	END STATION A	VACUUM SUPPORT RM.	12	2	460/3/60	18X18	CHROMALOX DHIF	
W-MB-203-HC-01	MID STATION B	MID STATION B	OUTSIDE AIR SUPPLY	8	2	460/3/60	18X12	CHROMALOX DHIF	STANDBY
W-MB-203-HC-02	MID STATION B	MID STATION B	OUTSIDE AIR SUPPLY	8	2	460/3/60	18X12	CHROMALOX DHIF	
W-MB-203-HC-03	MID STATION B	MID STATION B	VEA	75	SCR	460/3/60	30X36	CHROMALOX DHIF	
W-MB-203-HC-04	MID STATION B	MID STATION B	EXPERIMENT EQUIPMENT	6	2	460/3/60	24X12	CHROMALOX DHIF	
W-MB-203-HC-05	MID STATION B	MID STATION B	CLEANING & CHANGE ROOM	6	2	460/3/60	24X12	CHROMALOX DHIF	
W-MB-203-HC-06	MID STATION B	MID STATION B	INSPECTION/SHIP/REC.	9	2	460/3/60	24X12	CHROMALOX DHIF	
W-MB-203-HC-07	MID STATION B	MID STATION B	MECHANICAL ROOM	12	4	460/3/60	24X18	CHROMALOX DHIF	
W-MB-203-HC-08	MID STATION B	MID STATION B	VACUUM SUPPORT RM.	12	2	460/3/60	18X18	CHROMALOX DHIF	
W-EB-203-HC-01	END STATION B	END STATION B	OUTSIDE AIR SUPPLY	8	2	460/3/60	18X12	CHROMALOX DHIF	STANDBY
W-EB-203-HC-02	END STATION B	END STATION B	OUTSIDE AIR SUPPLY	8	2	460/3/60	18X12	CHROMALOX DHIF	
W-EB-203-HC-03	END STATION B	END STATION B	VEA	75	SCR	460/3/60	30X36	CHROMALOX DHIF	
W-EB-203-HC-04	END STATION B	END STATION B	EXPERIMENT EQUIPMENT	6	2	460/3/60	24X12	CHROMALOX DHIF	
W-EB-203-HC-05	END STATION B	END STATION B	CLEANING & CHANGE ROOM	6	2	460/3/60	24X12	CHROMALOX DHIF	
W-EB-203-HC-06	END STATION B	END STATION B	INSPECTION/SHIP/REC.	9	2	460/3/60	24X12	CHROMALOX DHIF	
W-EB-203-HC-07	END STATION B	END STATION B	MECHANICAL ROOM	12	4	460/3/60	24X18	CHROMALOX DHIF	
W-EB-203-HC-08	END STATION B	END STATION B	VACUUM SUPPORT RM.	12	2	460/3/60	18X18	CHROMALOX DHIF	
W-CS-194-HC-14	CORNER STN	MAINTENANCE	OFFICE	25	4	460/3/60	12X8	CHROMALOX DHIF	

**NOTES:**  
 1. FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES SEE SHEETS WA-H-001 AND WA-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	(1)	0.15	4	2	208/1/60	TITUS ASV-3000	PROVIDED WITH 36" ATTENUATOR
02	OSB	OSB	PRESSURE INDEPENDENT	5	200	(1)	0.20	4	2	208/1/60	TITUS ASV-3000	PROVIDED WITH 36" ATTENUATOR
03	OSB	OSB	PRESSURE INDEPENDENT	6	300	(1)	0.30	4	2	208/1/60	TITUS ASV-3000	PROVIDED WITH 36" ATTENUATOR
04	OSB	OSB	PRESSURE INDEPENDENT	7	450	(1)	0.30	7.5	2	208/1/60	TITUS ASV-3000	PROVIDED WITH 36" ATTENUATOR
05	OSB	OSB	PRESSURE INDEPENDENT	8	600	(1)	0.30	7.5	2	208/1/60	TITUS ASV-3000	PROVIDED WITH 36" ATTENUATOR
06	OSB	OSB	PRESSURE INDEPENDENT	9	750	(1)	0.30	13.0	2	460/3/60	TITUS ASV-3000	PROVIDED WITH 36" ATTENUATOR
07	OSB	OSB	PRESSURE INDEPENDENT	10	950	(1)	0.30	13.0	2	460/3/60	TITUS ASV-3000	PROVIDED WITH 36" ATTENUATOR
08	OSB	OSB	PRESSURE INDEPENDENT	12	1300	(1)	0.30	19.0	2	460/3/60	TITUS ASV-3000	PROVIDED WITH 36" ATTENUATOR

(1) SEE FLOOR PLANS

**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 EDV-3000	PROVIDED WITH 36" ATTENUATOR
02	OSB	OSB	PRESSURE INDEPENDENT	5	200	0	200	0	0.20	TITUS EDV-3000	PROVIDED WITH 36" ATTENUATOR
03	OSB	OSB	PRESSURE INDEPENDENT	6	300	0	300	0	0.30	TITUS EDV-3000	PROVIDED WITH 36" ATTENUATOR
04	OSB	OSB	PRESSURE INDEPENDENT	7	450	0	450	0	0.30	TITUS EDV-3000	PROVIDED WITH 36" ATTENUATOR
05	OSB	OSB	PRESSURE INDEPENDENT	8	600	0	600	0	0.30	TITUS EDV-3000	PROVIDED WITH 36" ATTENUATOR
06	OSB	OSB	PRESSURE INDEPENDENT	9	750	0	750	0	0.30	TITUS EDV-3000	PROVIDED WITH 36" ATTENUATOR
07	OSB	OSB	PRESSURE INDEPENDENT	10	950	0	950	0	0.30	TITUS EDV-3000	PROVIDED WITH 36" ATTENUATOR
08	OSB	OSB	PRESSURE INDEPENDENT	12	1300	0	1300	0	0.30	TITUS EDV-3000	PROVIDED WITH 36" ATTENUATOR
09	OSB	OSB	PRESSURE INDEPENDENT	14	2200	0	2200	0	0.30	TITUS EDV-3000	PROVIDED WITH 36" ATTENUATOR
10	OSB	OSB	PRESSURE INDEPENDENT	16	3400	0	3400	0	0.30	TITUS EDV-3000	PROVIDED WITH 36" ATTENUATOR

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

E  
 D  
 C  
 B  
 A

ISSUED FOR CONSTRUCTION	CLP	6-24-96
DRAWN	YTC	7/3/96
CHECKED	AA	7/3/96
ENGINEER		
PROJ	WBO	7/19/96



LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO. 1 - HANFORD, WASHINGTON

HVAC EQUIPMENT SCHEDULES SHEET 3

CONTRACT NUMBER: NONE  
 PROJECT NUMBER: PPI50969  
 SHEET NUMBER: 8094  
**WA-H-005**