

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	PURE PS 18.5	DOMESTIC WATER W/ BLOWDOWN CYCLE
W-CS-107-HU-06	CORNER STATION	OSB	ELECTRIC	50	17	460	3	60	PURE PS 18.5	DOMESTIC WATER W/ BLOWDOWN CYCLE
W-CS-160-HU-07	CORNER STATION	OSB	ELECTRIC	150	52	460	3	60	PURE PS 18.5	DOMESTIC WATER W/ BLOWDOWN CYCLE
W-MA-203-HU-01	MID STATION A	MID STATION A	ELECTRIC	40	14	460	3	60	PURE PS DOR 14.5	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	PURE PS DOR 14.5	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	PURE PS DOR 14.5	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	PURE PS DOR 14.5	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	PURE PS DOR 14.5	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	PURE PS DOR 14.5	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	PURE PS DOR 14.5	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	PURE PS DOR 14.5	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	INDEECO	
W-CS-107-HC-10	AHU-3	OSB	AHU - 3	50	4	460/3/60	30X48	INDEECO	
W-CS-107-HC-11	MECH ROOM	OSB	OUTSIDE AIR SUPPLY	15	2	460/3/60	18X12	INDEECO	
W-CS-107-HC-12	MECH ROOM	OSB	OUTSIDE AIR SUPPLY	15	2	460/3/60	18X12	INDEECO	
W-CS-160-HC-13	MECH ROOM	AHU-4	OUTSIDE AIR SUPPLY	50	4	460/3/60	32X32	INDEECO	
W-MA-203-HC-01	MID STATION A	MID STATION A	OUTSIDE AIR SUPPLY	8	2	460/3/60	18X12	INDEECO	STANDBY
W-MA-203-HC-02	MID STATION A	MID STATION A	OUTSIDE AIR SUPPLY	8	2	460/3/60	18X12	INDEECO	
W-MA-203-HC-03	MID STATION A	MID STATION A	VEA	75	SCR	460/3/60	30X36	INDEECO	
W-MA-203-HC-04	MID STATION A	MID STATION A	EXPERIMENT EQUIPMENT	6	2	460/3/60	24X12	INDEECO	
W-MA-203-HC-05	MID STATION A	MID STATION A	CLEANING & CHANGE ROOM	6	2	460/3/60	24X12	INDEECO	
W-MA-203-HC-06	MID STATION A	MID STATION A	INSPECTION/SHIP/REC.	9	2	460/3/60	24X12	INDEECO	
W-MA-203-HC-07	MID STATION A	MID STATION A	MECHANICAL ROOM	12	4	460/3/60	24X18	INDEECO	
W-MA-203-HC-08	MID STATION A	MID STATION A	VACUUM SUPPORT RM.	12	2	460/3/60	18X18	INDEECO	
W-EA-203-HC-01	END STATION A	END STATION A	OUTSIDE AIR SUPPLY	8	2	460/3/60	18X12	INDEECO	STANDBY
W-EA-203-HC-02	END STATION A	END STATION A	OUTSIDE AIR SUPPLY	8	2	460/3/60	18X12	INDEECO	
W-EA-203-HC-03	END STATION A	END STATION A	VEA	75	SCR	460/3/60	30X36	INDEECO	
W-EA-203-HC-04	END STATION A	END STATION A	EXPERIMENT EQUIPMENT	6	2	460/3/60	24X12	INDEECO	
W-EA-203-HC-05	END STATION A	END STATION A	CLEANING & CHANGE ROOM	6	2	460/3/60	24X12	INDEECO	
W-EA-203-HC-06	END STATION A	END STATION A	INSPECTION/SHIP/REC.	9	2	460/3/60	24X12	INDEECO	
W-EA-203-HC-07	END STATION A	END STATION A	MECHANICAL ROOM	12	4	460/3/60	24X18	INDEECO	
W-EA-203-HC-08	END STATION A	END STATION A	VACUUM SUPPORT RM.	12	2	460/3/60	18X18	INDEECO	
W-MB-203-HC-01	MID STATION B	MID STATION B	OUTSIDE AIR SUPPLY	8	2	460/3/60	18X12	INDEECO	STANDBY
W-MB-203-HC-02	MID STATION B	MID STATION B	OUTSIDE AIR SUPPLY	8	2	460/3/60	18X12	INDEECO	
W-MB-203-HC-03	MID STATION B	MID STATION B	VEA	75	SCR	460/3/60	30X36	INDEECO	
W-MB-203-HC-04	MID STATION B	MID STATION B	EXPERIMENT EQUIPMENT	6	2	460/3/60	24X12	INDEECO	
W-MB-203-HC-05	MID STATION B	MID STATION B	CLEANING & CHANGE ROOM	6	2	460/3/60	24X12	INDEECO	
W-MB-203-HC-06	MID STATION B	MID STATION B	INSPECTION/SHIP/REC.	9	2	460/3/60	24X12	INDEECO	
W-MB-203-HC-07	MID STATION B	MID STATION B	MECHANICAL ROOM	12	4	460/3/60	24X18	INDEECO	
W-MB-203-HC-08	MID STATION B	MID STATION B	VACUUM SUPPORT RM.	12	2	460/3/60	18X18	INDEECO	
W-EB-203-HC-01	END STATION B	END STATION B	OUTSIDE AIR SUPPLY	8	2	460/3/60	18X12	INDEECO	STANDBY
W-EB-203-HC-02	END STATION B	END STATION B	OUTSIDE AIR SUPPLY	8	2	460/3/60	18X12	INDEECO	
W-EB-203-HC-03	END STATION B	END STATION B	VEA	75	SCR	460/3/60	30X36	INDEECO	
W-EB-203-HC-04	END STATION B	END STATION B	EXPERIMENT EQUIPMENT	6	2	460/3/60	24X12	INDEECO	
W-EB-203-HC-05	END STATION B	END STATION B	CLEANING & CHANGE ROOM	6	2	460/3/60	24X12	INDEECO	
W-EB-203-HC-06	END STATION B	END STATION B	INSPECTION/SHIP/REC.	9	2	460/3/60	24X12	INDEECO	
W-EB-203-HC-07	END STATION B	END STATION B	MECHANICAL ROOM	12	4	460/3/60	24X18	INDEECO	
W-EB-203-HC-08	END STATION B	END STATION B	VACUUM SUPPORT RM.	12	2	460/3/60	18X18	INDEECO	
W-CS-194-HC-14	CORNER STN	MAINTENANCE	OFFICE	25	4	460/3/60	12X8	INDEECO	

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	W/PH/HZ		
01	OSB	OSB	PRESSURE INDEPENDENT	4	100	(1)	0.15	4	2	208/1/60	TITUS AESY-3000	PROVIDED WITH 36" ATTENUATOR
02	OSB	OSB	PRESSURE INDEPENDENT	5	200	(1)	0.20	4	2	208/1/60	TITUS AESY-3000	PROVIDED WITH 36" ATTENUATOR
03	OSB	OSB	PRESSURE INDEPENDENT	6	300	(1)	0.30	4	2	208/1/60	TITUS AESY-3000	PROVIDED WITH 36" ATTENUATOR
04	OSB	OSB	PRESSURE INDEPENDENT	7	450	(1)	0.30	7.5	2	208/1/60	TITUS AESY-3000	PROVIDED WITH 36" ATTENUATOR
05	OSB	OSB	PRESSURE INDEPENDENT	8	600	(1)	0.30	7.5	2	208/1/60	TITUS AESY-3000	PROVIDED WITH 36" ATTENUATOR
06	OSB	OSB	PRESSURE INDEPENDENT	9	750	(1)	0.30	13.0	2	460/3/60	TITUS AESY-3000	PROVIDED WITH 36" ATTENUATOR
07	OSB	OSB	PRESSURE INDEPENDENT	10	950	(1)	0.30	13.0	2	460/3/60	TITUS AESY-3000	PROVIDED WITH 36" ATTENUATOR
08	OSB	OSB	PRESSURE INDEPENDENT	12	1300	(1)	0.30	19.0	2	460/3/60	TITUS AESY-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

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ENGINEER	
PROJ	
AS-BUILT DRAWINGS	
ISSUED FOR AS-BUILT	
DRAWING NO.	DESCRIPTION
NO.	DATE BY CHKO ENGR PROJ DESCRIPTION



LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO. 1 - HANFORD, WASHINGTON		
TITLE	HVAC EQUIPMENT SCHEDULES SHEET 3	SCALE NONE
PROJECT NUMBER	8094	CONTRACT NUMBER PPI50969
SHEET NUMBER	WA-H-005	REVISIONS