

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	INDEECO TFZU	
L-CS-107-HC-02	MECH ROOM	LVEA	LASER AREA - 2	150	SCR	460/3/60	48X60	INDEECO TFZU	
L-CS-107-HC-03	MECH ROOM	LVEA	LASER AREA - 3	150	SCR	460/3/60	48X60	INDEECO TFZU	
L-CS-107-HC-04	MECH ROOM	LVEA	LASER AREA - 4	100	SCR	460/3/60	48X36	INDEECO TFZU	
L-CS-107-HC-05	MECH ROOM	LVEA	LASER AREA - 5	100	SCR	460/3/60	48X36	INDEECO TFZU	
L-CS-107-HC-06	MECH ROOM	LVEA	MECHANICAL ROOM	50	4	460/3/60	48X24	INDEECO TFZU	
L-CS-107-HC-07	MECH ROOM	LVEA	OUTSIDE AIR SUPPLY	25	4	460/3/60	24X24	INDEECO TFZU	
L-CS-107-HC-08	MECH ROOM	LVEA	OUTSIDE AIR SUPPLY	25	4	460/3/60	24X24	INDEECO TFZU	
L-CS-107-HC-09	AHU-3	OSB	AHU - 3 *	50	4	460/3/60	30X48	INDEECO TFZU	
L-CS-107-HC-10	AHU-3	OSB	AHU - 3 *	50	4	460/3/60	30X48	INDEECO TFZU	
L-CS-107-HC-11	MECH ROOM	OSB	OUTSIDE AIR SUPPLY	12	2	460/3/60	18X12	INDEECO TFZU	
L-CS-107-HC-12	MECH ROOM	OSB	OUTSIDE AIR SUPPLY	12	2	460/3/60	18X12	INDEECO TFZU	
L-CS-160-HC-13	MECH ROOM	AHU-4	OUTSIDE AIR SUPPLY	30	4	460/3/60	32X32	INDEECO TFZU	
L-EA-203-HC-01	END STATION A	END STATION A	OUTSIDE AIR SUPPLY	6	2	460/3/60	18X12	INDEECO TFZU	STANDBY
L-EA-203-HC-02	END STATION A	END STATION A	OUTSIDE AIR SUPPLY	6	2	460/3/60	18X12	INDEECO TFZU	
L-EA-203-HC-03	END STATION A	END STATION A	VEA	75	SCR	460/3/60	30X36	INDEECO TFZU	
L-EA-203-HC-04	END STATION A	END STATION A	EXPERIMENT EQUIPMENT	6	2	460/3/60	24X12	INDEECO TFZU	
L-EA-203-HC-05	END STATION A	END STATION A	CLEANING & CHANGE ROOM	6	2	460/3/60	24X12	INDEECO TFZU	
L-EA-203-HC-06	END STATION A	END STATION A	INSPECTION/SHIP/REC.	6	2	460/3/60	24X12	INDEECO TFZU	
L-EA-203-HC-07	END STATION A	END STATION A	MECHANICAL ROOM	9	2	460/3/60	24X18	INDEECO TFZU	
L-EA-203-HC-08	END STATION A	END STATION A	VACUUM SUPPORT RM.	9	2	460/3/60	18X18	INDEECO TFZU	
L-EB-203-HC-01	END STATION B	END STATION B	OUTSIDE AIR SUPPLY	6	2	460/3/60	18X12	INDEECO TFZU	STANDBY
L-EB-203-HC-02	END STATION B	END STATION B	OUTSIDE AIR SUPPLY	6	2	460/3/60	18X12	INDEECO TFZU	
L-EB-203-HC-03	END STATION B	END STATION B	VEA	75	SCR	460/3/60	30X36	INDEECO TFZU	
L-EB-203-HC-04	END STATION B	END STATION B	EXPERIMENT EQUIPMENT	6	2	460/3/60	24X12	INDEECO TFZU	
L-EB-203-HC-05	END STATION B	END STATION B	CLEANING & CHANGE ROOM	6	2	460/3/60	24X12	INDEECO TFZU	
L-EB-203-HC-06	END STATION B	END STATION B	INSPECTION/SHIP/REC.	6	2	460/3/60	24X12	INDEECO TFZU	
L-EB-203-HC-07	END STATION B	END STATION B	MECHANICAL ROOM	9	2	460/3/60	24X18	INDEECO TFZU	
L-EB-203-HC-08	END STATION B	END STATION B	VACUUM SUPPORT RM.	9	2	460/3/60	18X18	INDEECO TFZU	
L-CS-194-HC-14	CORNER STN	MAINTENANCE	OFFICE	20	4	460/3/60	12X8	INDEECO TFZU	

NOTES:

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

* W/REMOTE PANEL

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	V/PH/Hz		
01	OSB	OSB	PRESSURE INDEPENDENT	4	100	(1)	0.15	4	2	208/1/60	TITUS AESV-3000	PROVIDED WITH 36" ATTENUATOR
02	OSB	OSB	PRESSURE INDEPENDENT	5	200	(1)	0.20	4	2	208/1/60	TITUS AESV-3000	PROVIDED WITH 36" ATTENUATOR
03	OSB	OSB	PRESSURE INDEPENDENT	6	300	(1)	0.30	4	2	208/1/60	TITUS AESV-3000	PROVIDED WITH 36" ATTENUATOR
04	OSB	OSB	PRESSURE INDEPENDENT	7	450	(1)	0.30	7.5	2	208/1/60	TITUS AESV-3000	PROVIDED WITH 36" ATTENUATOR
05	OSB	OSB	PRESSURE INDEPENDENT	8	600	(1)	0.30	7.5	2	208/1/60	TITUS AESV-3000	PROVIDED WITH 36" ATTENUATOR
06	OSB	OSB	PRESSURE INDEPENDENT	9	750	(1)	0.30	13.0	2	460/3/60	TITUS AESV-3000	PROVIDED WITH 36" ATTENUATOR
07	OSB	OSB	PRESSURE INDEPENDENT	10	950	(1)	0.30	13.0	2	460/3/60	TITUS AESV-3000	PROVIDED WITH 36" ATTENUATOR
08	OSB	OSB	PRESSURE INDEPENDENT	12	1300	(1)	0.30	19.0	2	460/3/60	TITUS AESV-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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ISSUED FOR CONSTRUCTION		
DRAWN	CLP	11-15-96
CHECKED	MN	10-25-96
ENGINEER	AA	1-23-96
PROJ	TDM	11-15-96

AS-BUILT DRAWINGS



100 WEST WALNUT STREET
PASADENA, CALIFORNIA



CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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

TITLE	SCALE	CONTRACT NUMBER	PROJECT NUMBER
HVAC EQUIPMENT SCHEDULES SHEET 3	NONE	PPI50969	8094
SHEET NUMBER		REVISIONS	
LA-H-005		2	

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
2	5-21-99	AO				ISSUED AS REVISED AS-BUILT
1	8-7-98	DJB	AA	AA	MDW	ISSUED FOR AS-BUILT