

PARSONS They are loaned only with the borrower's expressed written agreement that they will only other way, except by written consent from PARSONS to the borrower.

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	32X32	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	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

DRAWING NO.	DESCRIPTION	NO.	DATE	BY	CHKD	ENGR	PROJ	ISSUED FOR AS-BUILT	DESCRIPTION

ISSUED FOR CONSTRUCTION	CLP	11-15-96
DRAWN	MN	10-25-96
CHECKED	AA	1-23-96
ENGINEER	TDM	11-15-96
PROJ		

AS-BUILT DRAWINGS

100 WEST WALNUT STREET
PASADENA, CALIFORNIA

CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LIGO-D960964-01-O

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

TITLE	SCALE	CONTRACT NUMBER	PROJECT NUMBER
HVAC EQUIPMENT SCHEDULES SHEET 3	NONE	PP150969	8094

LA-H-005