

BUILT-UP AIR HANDLING UNIT SCHEDULE

UNIT NO.	LOCATION	SERVICE	TYPE	SUPPLY AIR FAN *	CHILLED WATER COIL *	HEATING COIL *	HUMIDIFIER *	FILTER *	AIR FLOW		REMARKS
									SUPPLY AIR CFM	OUTSIDE AIR CFM	
L-CS-107-AH-01	LVEA BUILDING	LVEA	BUILT-UP	L-CS-107-SF-1A L-CS-107-SF-1B	L-CS-107-CC-1A L-CS-107-CC-1B	-----	L-CS-107-HU-1A L-CS-107-HU-1B	L-CS-107-AF-1	31,000	2,600	X
L-CS-107-AH-02	LVEA BUILDING	LVEA	BUILT-UP	L-CS-107-SF-2A L-CS-107-SF-2B	L-CS-107-CC-2A L-CS-107-CC-2B	-----	L-CS-107-HU-2A L-CS-107-HU-2B	L-CS-107-AF-2	31,000	2,600	
L-CS-107-AH-03	LVEA BUILDING	OSB	BUILT-UP	L-CS-107-SF-3A L-CS-107-SF-3B	L-CS-107-CC-3A L-CS-107-CC-3B	L-CS-107-HC-3A L-CS-107-HC-3A	L-CS-107-HU-3A L-CS-107-HU-3B	L-CS-107-AF-3	17,900	1,300	
L-EA-303-AH-07	END STATION A	END STATION A	BUILT-UP	L-EA-303-SF-7A L-EA-303-SF-7B	L-EA-303-CC-7A L-EA-303-CC-7B	-----	L-EA-303-HU-7A L-EA-303-HU-7B	L-EA-303-AF-7A L-EA-303-AF-7B	8,600	700	
L-EB-503-AH-08	END STATION B	END STATION B	BUILT-UP	L-EB-503-SF-8A L-EB-503-SF-8B	L-EB-503-CC-8A L-EB-503-CC-8B	-----	L-EB-503-HU-8A L-EB-503-HU-8B	L-EB-503-AF-8A L-EB-503-AF-8B	8,600	700	

\* SEE INDIVIDUAL EQUIPMENT SCHEDULES

PACKAGED AIR COOLED CHILLER SCHEDULE

UNIT NO.	LOCATION	SERVICE	TYPE	CHILLED FLUID	AMBIENT			COMPRESSOR		EVAPORATOR				CONDENSER		SINGLE POINT ELECT CONN		OPER WT (LB)	MANUFACTURER/ MODEL NO.	REMARKS		
					DESIGN TEMP (*F DB)	ALTITUDE (FT)	MIN OPER TEMP (*F DB)	TYPE	DRIVER	MINIMUM CAPACITY (TONS)	MAX KW	REFRIGERANT	ENT TEMP (*F)	LVC TEMP (*F)	GPM	MAX PD (FT)	NO. FANS EACH UNIT				HP EACH FAN	VOLTS/ PH/ HZ
L-CS-190-CH-01	CORNER STATION	CORNER STATION	AIR COOLED	WATER 25% GLYCOL	100	SEA LEVEL	20	SCROLL	ELECT MOTOR	85.6	98.3	R-22	54	44	220	21.5	9	1.1	460/3/60	6700	TRANE RTAA 90	ALL PERFORMANCE DATA ARE AT ACTUAL CONDITIONS
L-CS-190-CH-02	CORNER STATION	CORNER STATION								85.6	98.3		54	44	220	21.5	9	1.1		6700	TRANE RTAA 90	
L-CS-190-CH-03	CORNER STATION	CORNER STATION								85.6	98.3		54	44	220	21.5	9	1.1		6700	TRANE RTAA 90	STANDBY
L-EA-300-CH-08	END STATION A	END STATION A								21.1	30.8		54	44	38	17.0	3	1.0		2700	TRANE CGAE-C25	
L-EA-300-CH-09	END STATION A	END STATION A											54	44								STANDBY
L-EB-500-CH-10	END STATION B	END STATION B											54	44								STANDBY
L-EB-500-CH-11	END STATION B	END STATION B											54	44								STANDBY

CHILLED WATER COIL SCHEDULE

UNIT NO.	LOCATION	SERVICE	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	MAX FACE VEL (FPM)	ACFM	MAX AIR PD (IN. WG)	ROWS	EAT			LAT			EWT (*F)	LWT (*F)	GPM	MAX WTR PD (FT)	OPER WT (LB)	MANUFACTURER/ MODEL NO.	REMARKS
									*FDB	*FWB	*FDB	*FWB	*FDB	*FWB							
L-CS-107-CC-1A	CORNER STATION	LVEA	X	X	500	10,000	X	6	X	X	X	X	X	X	X	X	X	X	CARRIER		
L-CS-107-CC-1B	CORNER STATION	LVEA			500	10,000		6													
L-CS-107-CC-2A	CORNER STATION	LVEA			500	10,000		6													
L-CS-107-CC-2B	CORNER STATION	LVEA			500	10,000		6													
L-CS-107-CC-3A	CORNER STATION	OSB			500	6,500		6													
L-CS-107-CC-3B	CORNER STATION	OSB			500	6,500		6													
L-EA-303-CC-7A	END STATION A	END STATION A			500	8,600		6													
L-EA-303-CC-7B	END STATION A	END STATION A			500	8,600		6													
L-EB-503-CC-8A	END STATION B	END STATION B			500	8,600		6													
L-EB-503-CC-8B	END STATION B	END STATION B			500	8,600		6													

EXPANSION TANK SCHEDULE

UNIT NO.	LOCATION	SERVICE	TYPE	MIN CAP (GAL)	SIZE (IN.)	MAX WORKING PRESS (PSIG)	MAX OPER TEMP (*F)	OPER WT (LB)	MANUFACTURER/ MODEL NO.	REMARKS
L-CS-107-TK-01	CORNER STATION	CHILLED WATER	DIAPHRAM		X	X	X	X		X
L-EA-303-TK-04	END STATION A									
L-EB-503-TK-05	END STATION B									

AIR SEPARATOR SCHEDULE

UNIT NO.	LOCATION	SERVICE	MIN CAP (GPM)	SIZE (IN.)	OPER WT (LB)	MANUFACTURER/ MODEL NO.	REMARKS
L-CS-107-AS-01	CORNER STATION	CHILLED WATER	X	4"	X		X
L-EA-303-AS-04	END STATION A			2"			X
L-EB-503-AS-05	END STATION B			2"			X

LIGO-D960962-A-0

9		J		DATE	10/31/95		
8		H		DRAWN	CLP		
7		G		CHECKED			
6		F		ENGINEER			
5		E		PROJ MGR			
4		D					
3		C					
2		B					
1		A					
NO.	DATE	APRD BY	DESCRIPTION OF REVISION	NO.	DATE	APRD BY	PRELIMINARY DESIGN REVIEW ISSUED FOR



100 WEST WALNUT STREET  
PASADENA, CALIFORNIA



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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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

TITLE	EQUIPMENT SCHEDULE	SCALE	NONE	CONTRACT NUMBER	PP150969	PROJECT NUMBER	8094
SHEET NUMBER	LA-H-003	REVISIONS					

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Mon Oct 30 20:22:22 1995 s3-v18b2 J:\PLOTS\QUEUES\18B2\MU003B.PRF