

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	
W-CS-107-AH-03	LVEA BUILDING	OSB (LAB)	BUILT-UP	W-CS-107-SF-05	W-CS-107-CC-05	W-CS-107-HC-09	W-CS-107-HU-05	W-CS-107-AF-03	24,000	1,720	CONTRACTOR WILL SUBMIT SHOP DRAWINGS SHOWING CONSTRUCTION DETAILS FOR APPROVAL
				W-CS-107-SF-06	W-CS-107-CC-06	W-CS-107-HC-10	W-CS-107-HU-06				
W-MA-203-AH-01	MID STATION A	MID STATION A	BUILT-UP	W-MA-203-SF-01	W-MA-203-CC-01	-----	W-MA-203-HU-01	W-MA-203-AF-01	13,200	840	CONTRACTOR WILL SUBMIT SHOP DRAWINGS SHOWING CONSTRUCTION DETAILS FOR APPROVAL
				W-MA-203-SF-02	W-MA-203-CC-02	-----	W-MA-203-HU-02	W-MA-203-AF-02			
W-MB-203-AH-01	MID STATION B	MID STATION B	BUILT-UP	W-MB-203-SF-01	W-MB-203-CC-01	-----	W-MB-203-HU-01	W-MB-203-AF-01	13,200	840	CONTRACTOR WILL SUBMIT SHOP DRAWINGS SHOWING CONSTRUCTION DETAILS FOR APPROVAL
				W-MB-203-SF-02	W-MB-203-CC-02	-----	W-MB-203-HU-02	W-MB-203-AF-02			
W-EA-203-AH-01	END STATION A	END STATION A	BUILT-UP	W-EA-203-SF-01	W-EA-203-CC-01	-----	W-EA-203-HU-01	W-EA-203-AF-01	13,200	840	CONTRACTOR WILL SUBMIT SHOP DRAWINGS SHOWING CONSTRUCTION DETAILS FOR APPROVAL
				W-EA-203-SF-02	W-EA-203-CC-02	-----	W-EA-203-HU-02	W-EA-203-AF-02			
W-EB-203-AH-01	END STATION B	END STATION B	BUILT-UP	W-EB-203-SF-01	W-EB-203-CC-01	-----	W-EB-203-HU-01	W-EB-203-AF-01	13,200	840	CONTRACTOR WILL SUBMIT SHOP DRAWINGS SHOWING CONSTRUCTION DETAILS FOR APPROVAL
				W-EB-203-SF-02	W-EB-203-CC-02	-----	W-EB-203-HU-02	W-EB-203-AF-02			

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

* SEE INDIVIDUAL EQUIPMENT SCHEDULES

PACKAGED AIR-COOLED WATER CHILLER SCHEDULE

UNIT NO.	LOCATION	SERVICE	TYPE	CHILLED FLUID	AMBIENT		COMPRESSOR		MINIMUM CAPACITY (TONS)	MAX KW	REFRIGERANT	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	ENT TEMP (*F)	LVG TEMP (*F)	NO. FANS EACH UNIT	HP EACH FAN	VOLTS/ PH/Hz				TOTAL RLA	TOTAL LRA		
W-MA-200-CH-01	MID STATION A	MID STATION A	AIR COOLED	WATER 40% GLYCOL	105	400	0°F	SCREW	ELECT MOTOR	55	77	R-22	54.8	42	105	15	8	1.1	460/3/60	112	229	4950	TRANE RTAA 70	ALL PERFORMANCE DATA ARE AT ACTUAL CONDITIONS, LOW AMBIENT (-10°F)
W-MA-200-CH-02	MID STATION A	MID STATION A	AIR COOLED	WATER 40% GLYCOL	105	400	0°F	SCREW	ELECT MOTOR	55	77	R-22	54.8	42	105	15	8	1.1	460/3/60	112	229	4950	TRANE RTAA 70	ALL PERFORMANCE DATA ARE AT ACTUAL CONDITIONS, LOW AMBIENT (-10°F), STANDBY
W-MB-200-CH-01	MID STATION B	MID STATION B	AIR COOLED	WATER 40% GLYCOL	105	400	0°F	SCREW	ELECT MOTOR	55	77	R-22	54.8	42	105	15	8	1.1	460/3/60	112	229	4950	TRANE RTAA 70	ALL PERFORMANCE DATA ARE AT ACTUAL CONDITIONS, LOW AMBIENT (-10°F)
W-MB-200-CH-02	MID STATION B	MID STATION B	AIR COOLED	WATER 40% GLYCOL	105	400	0°F	SCREW	ELECT MOTOR	55	77	R-22	54.8	42	105	15	8	1.1	460/3/60	112	229	4950	TRANE RTAA 70	ALL PERFORMANCE DATA ARE AT ACTUAL CONDITIONS, LOW AMBIENT (-10°F), STANDBY
W-EA-200-CH-01	END STATION A	END STATION A	AIR COOLED	WATER 40% GLYCOL	105	400	0°F	SCREW	ELECT MOTOR	55	77	R-22	54.8	42	105	15	8	1.1	460/3/60	112	229	4950	TRANE RTAA 70	ALL PERFORMANCE DATA ARE AT ACTUAL CONDITIONS, LOW AMBIENT (-10°F)
W-EA-200-CH-02	END STATION A	END STATION A	AIR COOLED	WATER 40% GLYCOL	105	400	0°F	SCREW	ELECT MOTOR	55	77	R-22	54.8	42	105	15	8	1.1	460/3/60	112	229	4950	TRANE RTAA 70	ALL PERFORMANCE DATA ARE AT ACTUAL CONDITIONS, LOW AMBIENT (-10°F), STANDBY
W-EB-200-CH-01	END STATION B	END STATION B	AIR COOLED	WATER 40% GLYCOL	105	400	0°F	SCREW	ELECT MOTOR	55	77	R-22	54.8	42	105	15	8	1.1	460/3/60	112	229	4950	TRANE RTAA 70	ALL PERFORMANCE DATA ARE AT ACTUAL CONDITIONS, LOW AMBIENT (-10°F)
W-EB-200-CH-02	END STATION B	END STATION B	AIR COOLED	WATER 40% GLYCOL	105	400	0°F	SCREW	ELECT MOTOR	55	77	R-22	54.8	42	105	15	8	1.1	460/3/60	112	229	4950	TRANE RTAA 70	ALL PERFORMANCE DATA ARE AT ACTUAL CONDITIONS, LOW AMBIENT (-10°F), STANDBY

CHILLED WATER COOLING COIL SCHEDULE

UNIT NO.	LOCATION	SERVICE	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	MAX FACE VEL (FPM)	ACFM	MAX AIR PD (IN. WG)	ROWS	MAX FP	EAT		LAT	EWT	LWT	GPM	MAX WTR PD (FT)	MANUFACTURER/ MODEL NO.	OVERALL SIZE (IN. X IN.)	REMARKS	
										*FDB	*FWB									**FDB
W-CS-107-CC-05	CORNER STATION	OSB	393	387	445	11,500	0.60	8	8	83.1	62.7	50.9	50	42	50	95	15	CARRIER BC	36 X 105	40% GLYCOL
W-CS-107-CC-06	CORNER STATION	OSB	393	387	445	11,500	0.60	8	8	83.1	62.7	50.9	50	42	50	95	15	CARRIER BC	36 X 105	40% GLYCOL
W-MA-203-CC-01	MID STATION A	MID STATION A	418	414	460	11,400	0.75	8	11	86.7	63.7	51	49.9	42	52.8	95	10	CARRIER BC	2130 X 601	40% GLYCOL
W-MA-203-CC-02	MID STATION A	MID STATION A	418	414	460	11,400	0.75	8	11	86.7	63.7	51	49.9	42	52.8	95	10	CARRIER BC	2130 X 601	40% GLYCOL
W-MB-203-CC-01	MID STATION B	MID STATION B	418	414	460	11,400	0.75	8	11	86.7	63.7	51	49.9	42	52.8	95	10	CARRIER BC	2130 X 601	40% GLYCOL
W-MB-203-CC-02	MID STATION B	MID STATION B	418	414	460	11,400	0.75	8	11	86.7	63.7	51	49.9	42	52.8	95	10	CARRIER BC	2130 X 601	40% GLYCOL
W-EA-203-CC-01	END STATION A	END STATION A	418	414	460	11,400	0.75	8	11	86.7	63.7	51	49.9	42	52.8	95	10	CARRIER BC	2130 X 601	40% GLYCOL
W-EA-203-CC-02	END STATION A	END STATION A	418	414	460	11,400	0.75	8	11	86.7	63.7	51	49.9	42	52.8	95	10	CARRIER BC	2130 X 601	40% GLYCOL
W-EB-203-CC-01	END STATION B	END STATION B	418	414	460	11,400	0.75	8	11	86.7	63.7	51	49.9	42	52.8	95	10	CARRIER BC	2130 X 601	40% GLYCOL
W-EB-203-CC-02	END STATION B	END STATION B	418	414	460	11,400	0.75	8	11	86.7	63.7	51	49.9	42	52.8	95	10	CARRIER BC	2130 X 601	40% GLYCOL

EXPANSION TANK SCHEDULE

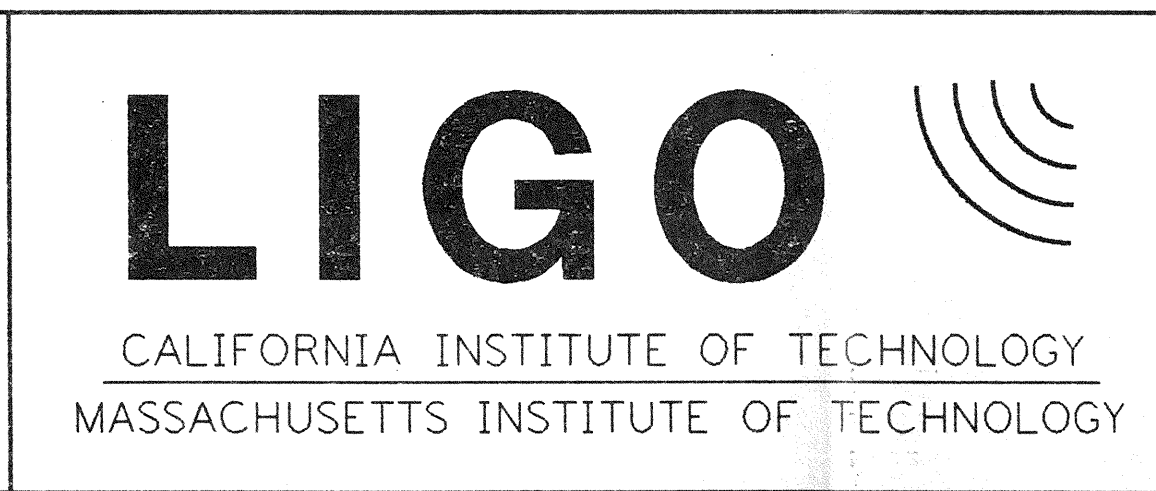
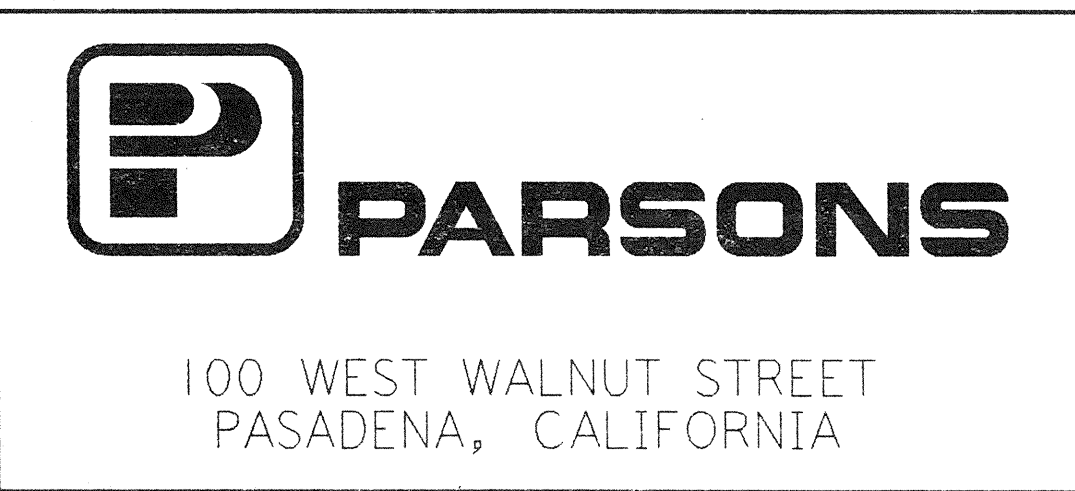
UNIT NO.	LOCATION	SERVICE	TYPE	MIN CAP (GAL)	MAX WORKING PRESS (PSIG)	MAX OPER TEMP (*F)	OPER WT (LB)	MANUFACTURER/ MODEL NO.	REMARKS
W-MA-203-TK-01	MID STATION A	CHILLED WATER	DIAPHRAM	23	150	110	285	TACO CX84	
W-MB-203-TK-01	MID STATION B	CHILLED WATER	DIAPHRAM	23	150	110	285	TACO CX84	
W-EA-203-TK-01	END STATION A	CHILLED WATER	DIAPHRAM	23	150	110	285	TACO CX84	
W-EB-203-TK-01	END STATION B	CHILLED WATER	DIAPHRAM	23	150	110	285	TACO CX84	

AIR SEPARATOR SCHEDULE

UNIT NO.	LOCATION	SERVICE	MIN CAP (GPM)	SIZE (IN.)	OPER WT (LB)	MANUFACTURER/ MODEL NO.	REMARKS
W-MA-203-AS-01	MID STATION A	CHILLED WATER	170	3"	200	BELL & GOSSETT R-3	
W-MB-203-AS-01	MID STATION B	CHILLED WATER	170	3"	200	BELL & GOSSETT R-3	
W-EA-203-AS-01	END STATION A	CHILLED WATER	170	3"	200	BELL & GOSSETT R-3	
W-EB-203-AS-01	END STATION B	CHILLED WATER	170	3"	200	BELL & GOSSETT R-3	

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION

ISSUED FOR CONSTRUCTION
 DRAWN CLP 6-24-96
 CHECKED ME 7-3-96
 ENGINEER AA 7-3-96
 PROJ



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

HVAC EQUIPMENT SCHEDULES SHEET 1

WA-H-003

10-8-96

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