

AIR HANDLING UNIT SCHEDULE

MARK	SERVES	COOLING HEATING	FANS	FILTERS	SILENCERS	HUMIDIFIER	MANUFACTURER AND	REMARKS
NO		COILS	COILS				MODEL NUMBER	
AHU- 1	BEAM TUNNEL	CC- 1	HC- 1 A HC- 1 B	SF- 1 RF- 1	F-1/F-2	H- 1	MILLER PICKING SIZE	8 5 EA
AHU- 2	EXPERIMENTAL FLOOR	CC- 2	HC- 2	SF- 2 RF- 2	F-1/F-2	H- 2	MILLER PICKING SIZE	40 10 EA
AHU- 3	LAB OFFICE BUILDING	CC- 3	HC- 3	SF- 3 RF- 3	F-1/F-2 S-5 S-5	H- 3	MILLER PICKING SIZE	24 4 EA
AHU- 4	CENTRAL OFFICE BLDG	CC- 4	HC- 4	SF- 4 RF- 4	F-1/F-2 S-5 S-5	H- 4	MILLER PICKING SIZE	40 3 EA
AHU- 5	LINAC BUILDING	CC- 5	HC- 5	SF- 5 RF- 5	F-1/F-2	H- 5	TRANE CLCH SIZE	12 1 EA
AHU- 6	RF BUILDING	CC- 6	HC- 6	SF- 6 RF- 6	F-1/F-2	H- 6	TRANE CLCH SIZE	12 1 EA

FAN SCHEDULE

MARK NO	LOCATION/ SERVES	TYPE	CFM	SP IN WG	RPM	MOTOR			MANUFACTURER AND MODEL NUMBER	REMARKS
						HP	VOLT	PH		
SF- 1	AHU-1	CENTRIFUGAL	5513	6.0		10	460	3	TWINCITY FAN	5 EA W/AFD
SF- 2	AHU-2	CENTRIFUGAL	35742	6.0		75	460	3	TWINCITY FAN	10 EA W/AFD
SF- 3	AHU-3	CENTRIFUGAL	20370	6.0		40	460	3	TWINCITY FAN	4 EA W/AFD
SF- 4	AHU-4	CENTRIFUGAL	32275	6.0		60	460	3	TWINCITY FAN	3 EA W/AFD
SF- 5	AHU-5	CENTRIFUGAL	5040	6.0		10	460	3	TRANE	1 EA W/AFD
SF- 6	AHU-6	CENTRIFUGAL	6480	6.0		15	460	3	TRANE	1 EA W/AFD
SF- 7	SERVICE BLDG	INLINE	16000	1.0		7.5	460	3	GREENHECK	5
RF- 1	AHU-1	CENTRIFUGAL	4594	1.0		2	460	3	TWINCITY FAN	5 EA W/AFD
RF- 2	AHU-2	CENTRIFUGAL	33242	2.0		25	460	3	TWINCITY FAN	10 EA W/AFD
RF- 3	AHU-3	CENTRIFUGAL	16296	1.5		20	460	3	TWINCITY FAN	4 EA W/AFD
RF- 4	AHU-4	CENTRIFUGAL	25820	1.5		15	460	3	TWINCITY FAN	3 EA W/AFD
RF- 5	AHU-5	CENTRIFUGAL	3360	1.0		1.5	460	3	TRANE	1 EA W/AFD
RF- 6	AHU-6	CENTRIFUGAL	4320	1.0		2	460	3	TRANE	1 EA W/AFD
EF- 1	RING TUNNEL	CENTRIFUGAL	919	1.0		0.5	460	3	GREENHECK	5 EA
EF- 2	EXPERIMENTAL FL	CENTRIFUGAL	2500	2.5		0.75	460	3	GREENHECK	10 EA
EF- 3 A	LOB TOILET	CENTRIFUGAL	1000	1.0		0.5	460	3	GREENHECK	4 EA
EF- 3 B	LOB LABS	CENTRIFUGAL	3074	2.0		3	460	3	GREENHECK	4 EA
EF- 4 A	CLOB TOILET	CENTRIFUGAL	1000	1.0		0.5	460	3	GREENHECK	3 EA
EF- 4 B	CLOB LABS	CENTRIFUGAL	5455	2.0		5	460	3	GREENHECK	3 EA
EF- 5	LINAC	CENTRIFUGAL	1680	1.0		0.75	460	3	GREENHECK	1 EA
EF- 6	RF	CENTRIFUGAL	2160	1.0		1	460	3	GREENHECK	1 EA

AIR FILTER SCHEDULE

MARK	LOCATION	AIRFLOW CFM	PRESS DROP IN WG INITIAL	FINAL	EFF	% HEIGHT*	SIZE INCH WIDTH* DEPTH	MANUFACTURER AND MODEL NUMBER	REMARKS
F-1	AHU	2000	0.37	1.0	30		24 24	AAF AMAIR 300X	* SIZE MAY VARY
F-2	AHU	2000	0.58	1.2	95		24 12	AAF VARICEL XL-S	

ELECTRIC DRIVEN CHILLER SCHEDULE

MARK	TYPE	CAP	CHILLED WATER		CONDENSER WATER		MOTOR		MANUFACTURER AND	REMARKS					
NO		TONS	EWT	LWT	GPM	PD FT	EWT	LWT	KW	VOLT	PH	MODEL NUMBER			
CH-1*	CENTRIFUGAL	1200	52	42	2880	15	85	95	3600	20	660	4160	3	YORK	3EA, 1 STANDBY

* FOR CENTRAL UTILITY PLANT EXPANSION

COOLING TOWER SCHEDULE									
MARK LOCATION	DESIGN DATA			GPM	FAN TYPE	MOTOR			REMARKS
	EWT	LWT	EAT			HP	VOLT	PH	
CT-1* CENTRAL PLANT	95	85	78	3600	PROPELLER	75	460	3 BAC SERIES 3000	3 EA, 1 STDBY W/AFD
CT-2 CENTRAL PLANT	97	82	78	2160	PROPELLER	100	460	3 BAC SERIES 3000	3 EA, 1 STDBY W/AFD

* FOR CENTRAL UTILITY PLANT EXPANSION

STEAM TO LIQUID HEAT EXCHANGER SCHEDULE											
MARK	LOCATION	SERVES	STEAM	FOULING	LIQUID	MANUFACTURER AND	REMARKS				
NO			LBS/HR	PSIG	GPM	EWT	LWT	PD FT	MODEL NUMBER		
HX-2	CENTRAL MER	HWS	2210	10	0.001	140	150	180	5	B & G SHELL AND TUBE	10 EA, 5 STDBY

LIQUID TO LIQUID HEAT EXCHANGER SCHEDULE

MARK	LOCATION	MEDIA	SIDE 1				SIDE 2				MANUFACTURER AND MODEL NUMBER	REMARKS
			GPM	EWT °F	LWT °F	PD FT	GPM	EWT °F	LWT °F	PD FT		
HXL-1	MER	CWS/DI	384	45	60	6	384	100	85	10	TRANTER	FUTURE
HXL-2	MER	CTS/DI	455	82	97	6	455	100	85	10	TRANTER	FUTURE

PUMP SCHEDULE

MARK NO	SERVES	FLUID	GPM	HEAD FT	EFF %	MOTOR			FUNCTION	REMARKS	
						RPM	HP	VOLT			
P-1*	CH-1	CWS	2880	50	80	1750	50	460	3	PRIMARY CHILLED WATER	3 EA 1 STANDBY
P-2*	NSLS	CWS	2880	160	80	1750	200	460	3	SECONDARY CHILLED WATER	3 EA, 1 STANDBY, AFD
P-3*	CT-1	CTS	3600	60	80	1750	75	460	3	CONDENSER WATER	3 EA 1 STANDBY
P-4	CT-2	CTS	2160	140	80	1750	125	460	3	PROCESS COOLING WATER	3 EA 1 STANDBY
P-5	REHEAT	HWS	140	100	80	1750	8	460	3	HEATING HOT WATER	10 EA 5 STANDBY, AFD
P-6	COND RETURN	LPR	82	139	80	1750	5	460	3	CONDENSATE RETURN, MAIN	DUPLEX
P-7	COND RETURN	LPR	10	92	80	3500	1.00	460	3	CONDENSATE RETURN, DRIP LEGS	5 DUPLEX

* FOR CENTRAL UTILITY PLANT EXPANSION