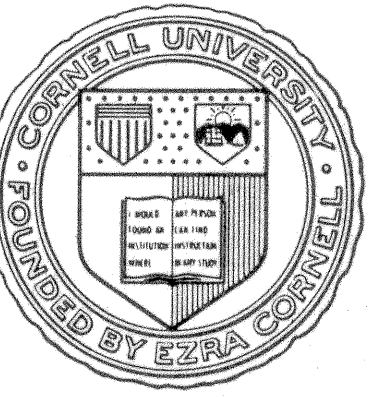




APPROVAL		DATE
<i>Philip L Cox</i>		8/8/89
FACILITIES ENGINEERING		
LIFE SAFETY		
DRAWN BY		DATE
DCS		8/8/89
CHECKED BY		
ARCH	<i>ACE</i>	ENERGY
CIVIL	<i>JFK</i>	ENVIR
ELEC	<i>JFK</i>	
MECH	<i>ACE</i>	
STRUCT		

REV	DATE	BY	DESCRIPTION
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DRAWING TITLE

SCHEDULES

PROJECT
WILSON LAB
CESR COOLING
TOWERS

LOCATION NO. 2085

SCALE AS NOTED	SHEET NO. M5 17 OF 20
FILE NO. 85649	
DRAWING NO. D- 2849	

095-149

C2V

LOUVER SCHEDULE						
UNIT	MANUFACTURER	MODEL	SIZE	FREE AREA SQ. FT.	CFM	REMARKS
LV-1	Ruskin	ELC - 6375D	18" W x 18" H	0.62	300	With Bird Screen, M693 Pneumatic Actuator, Mill Finish, end motor actuator.

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STRAINER SCHEDULE						
UNIT	MANUFACTURER	MODEL	SIZE	PRESSURE/ TEMPERATURE RATING	TYPE	REMARKS
Y S-1 Y S-2	Sprlex/Serco	IF -125	8" flanged	200 psig / 150 F	Cast Iron	With .125" perforations type 304 Stainless steel screens

FLOOR DRAIN SCHEDULE					
UNIT	MANUFACTURER	MODEL	SIZE	TYPE	REMARKS
FD-1 FD-2	Josem	31104	4" Outlet 9" Top	Cast Iron Body Cast Iron Top	Ductile Iron Grate Two Piece Body

EMERGENCY SHOWER SCHEDULE					
UNIT	MANUFACTURER	MODEL	SHOWER	EYE/FACE WASH	REMARKS
ES-1	Fisher Scientific	91-589	10" Diameter 27 GPM	2 Head 6 GPM	With stainless steel bowl, shower pull rod, sink push lever, floor flange, 1-1/4" IPS inlet and outlet

UNIT HEATER														
•	MANUFACTURER	MODEL	SERVICE	CFM	KW RATING	BTU/HR	HEATER VOLTAGE	PHASE	CONTROL VOLTAGE	MAX. AMP RATING	MOTOR DATA			REMARKS
											VOLTAGE	H.P.	R.P.M.	
UH-1	Markee	P3P5105CA1 TASKMASTER	Mechanical Room	400	5	17, 100	480	3	24	6.1	480	1/125	1550	Unit to be equipped with 3 phase disconnect switch, built in thermostat, built in summer fan switch, and wall and heater bracket for hanging unit, single point terminal board.

AUTOMATIC FILTRATION UNIT														
•	MANUFACTURER	MODEL	SERVICE	AREA SQ. FT.	FLOW RATE 20 GPM FT.	FILTER INLET SIZE	FILTER OUTLET SIZE	DRAIN/WASTE SIZE	MAXIMUM BACKWASH FLOW	TOTAL BACKWASH VOLUME	MOTOR DATA			REMARKS
											VOLTAGE	H.P.	R.P.M.	
AFU-1	PEP Inc.	SMF 24	Mechanical Room.	3.142	63 GPM	2"	1-1/2"	1-1/2"	60 GPM	180 GAL.	460/60/3	2	----	With H.O.A., motor starter, differential pressure switch for back wash initiation, run light, back wash light, and backwash with lower water