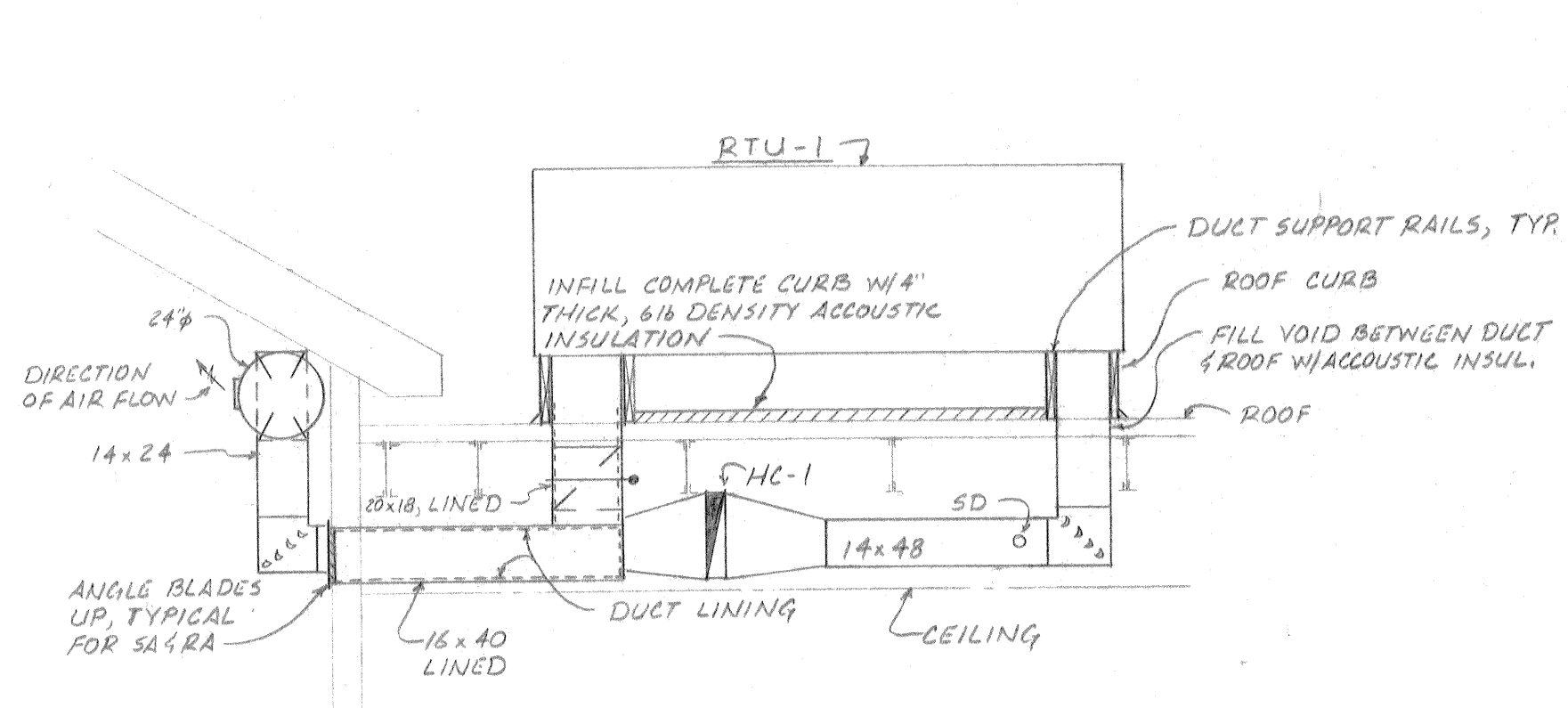
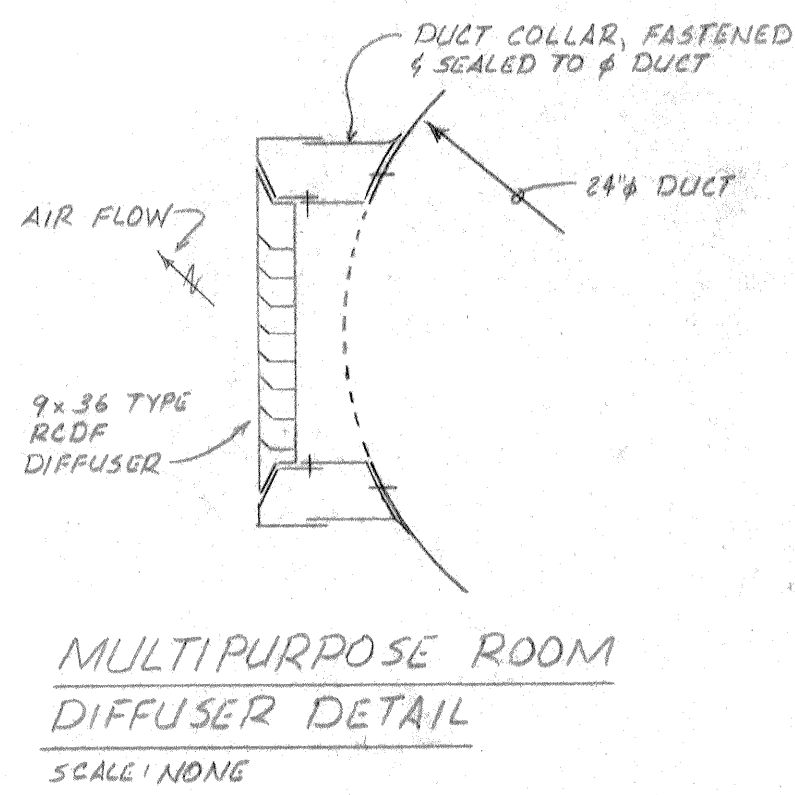
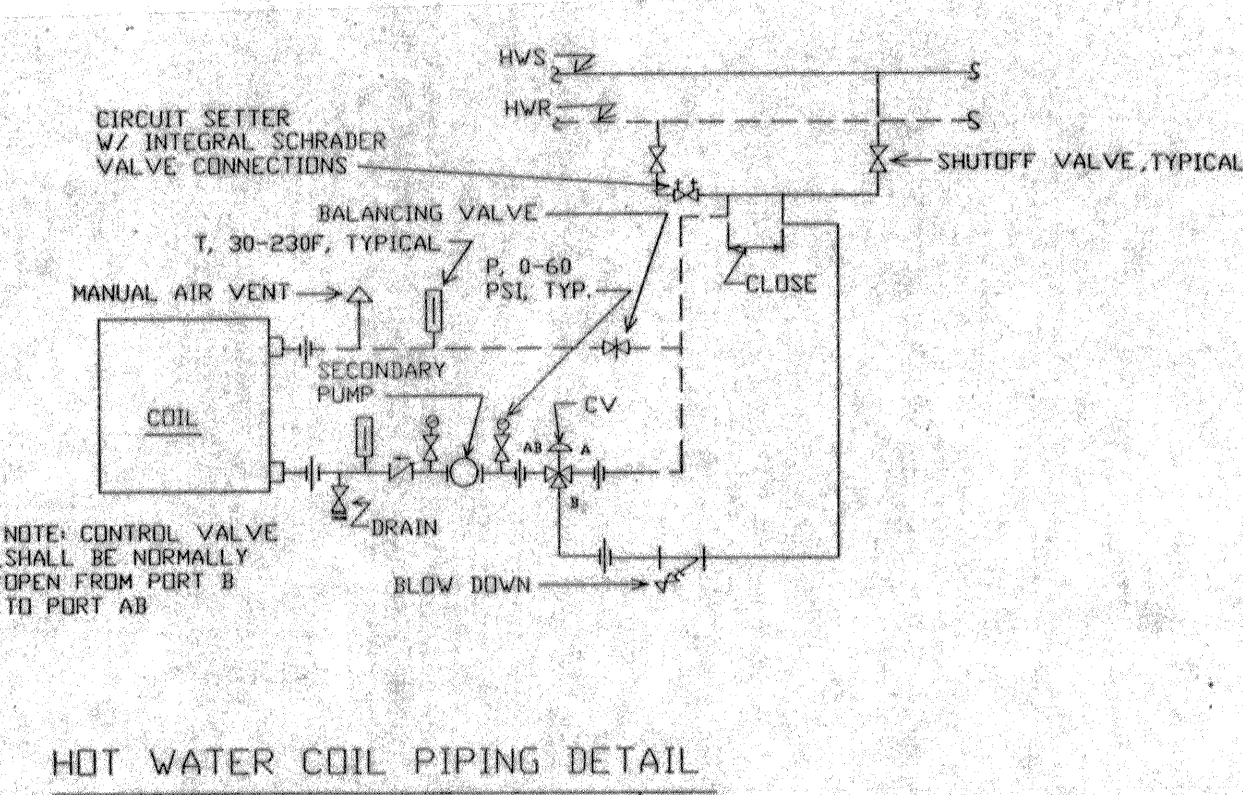




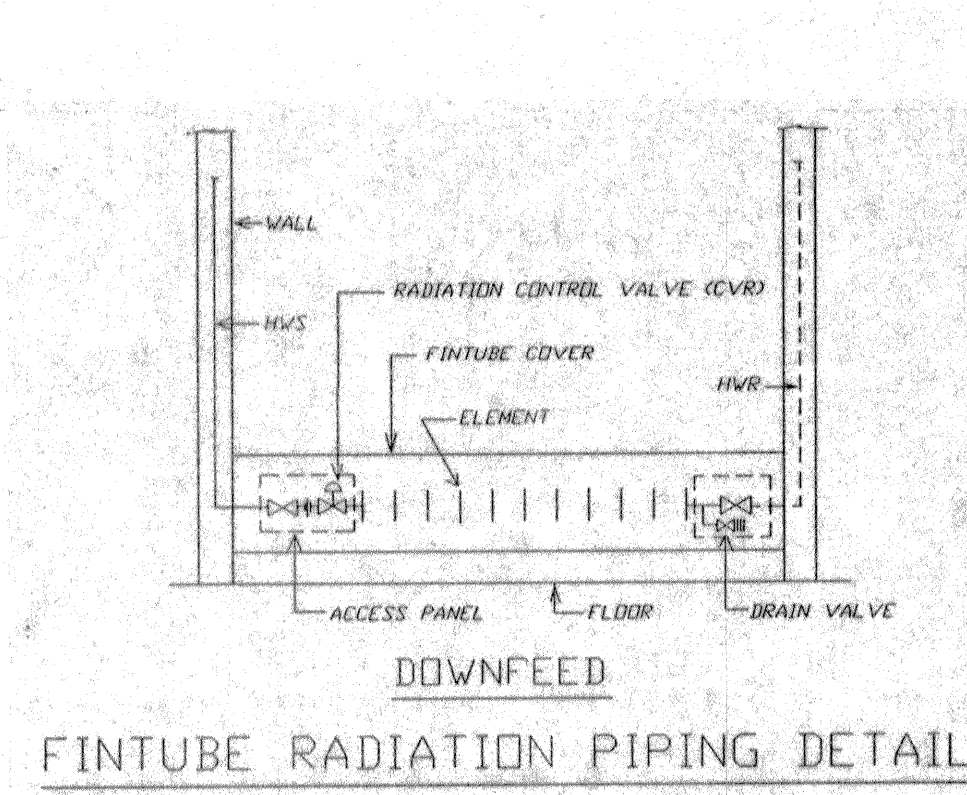
ROOFTOP UNIT DETAIL
SCALE: NONE



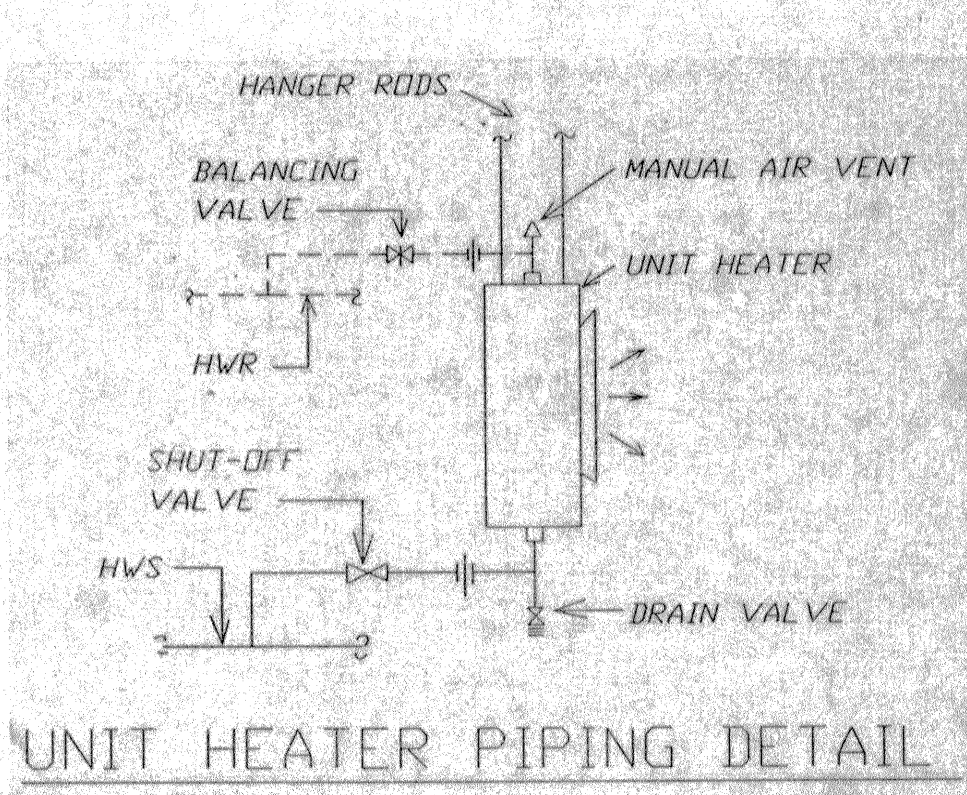
MULTIPURPOSE ROOM
DIFFUSER DETAIL
SCALE: NONE



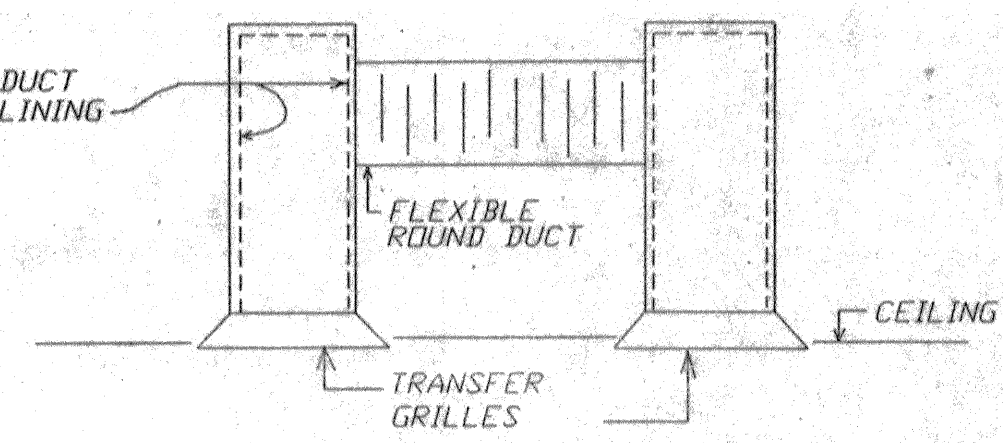
HOT WATER COIL PIPING DETAIL
SCALE: NONE



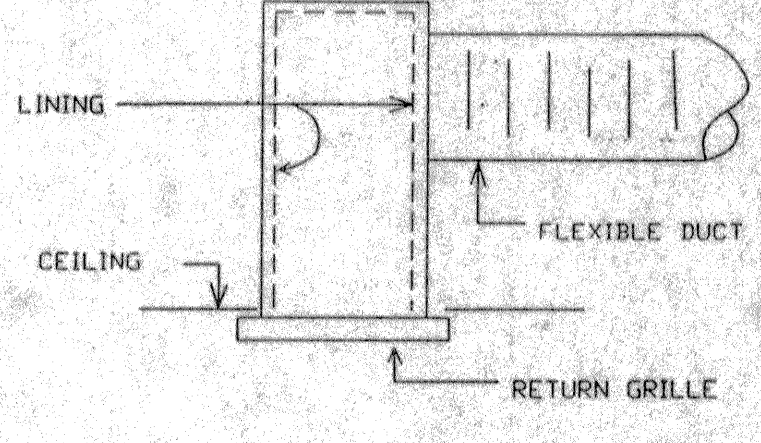
FINTUBE RADIATION PIPING DETAIL
SCALE: NONE



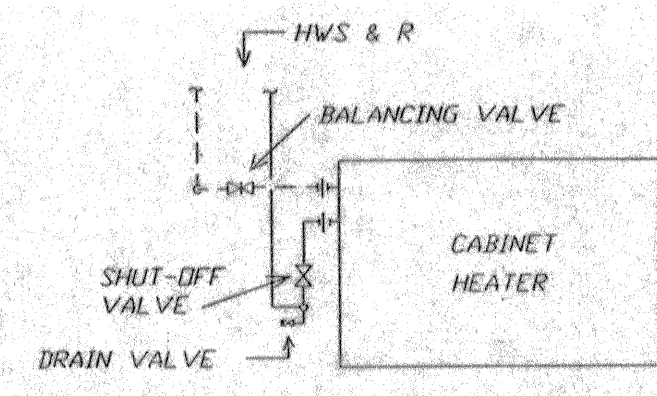
UNIT HEATER PIPING DETAIL
SCALE: NONE



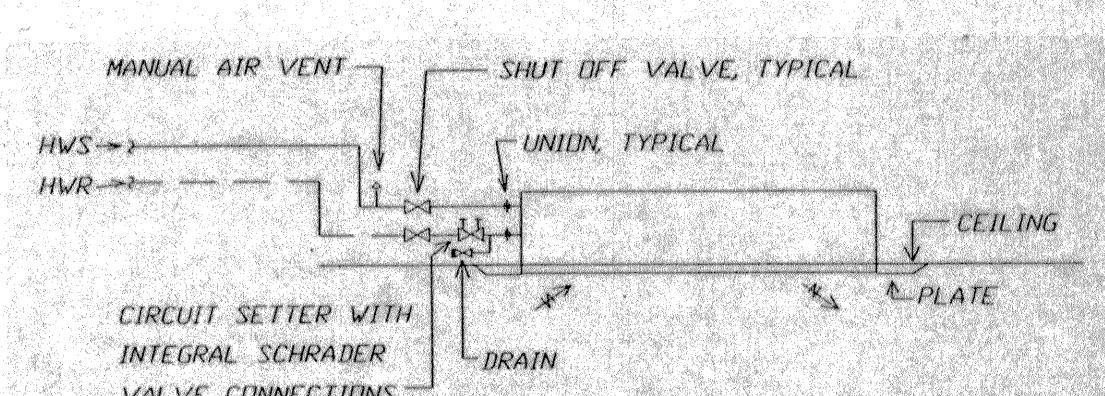
TRANSFER DUCT
SCALE: NONE



RETURN DUCT
SCALE: NONE



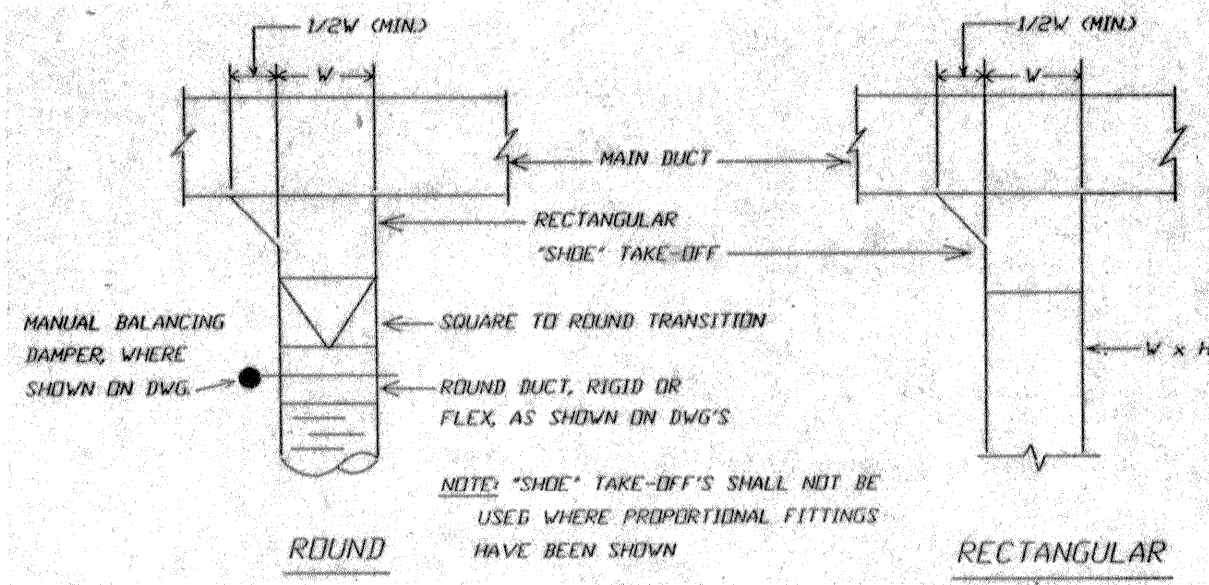
DOWNFEED
CABINET HEATER PIPING DETAIL
SCALE: NONE



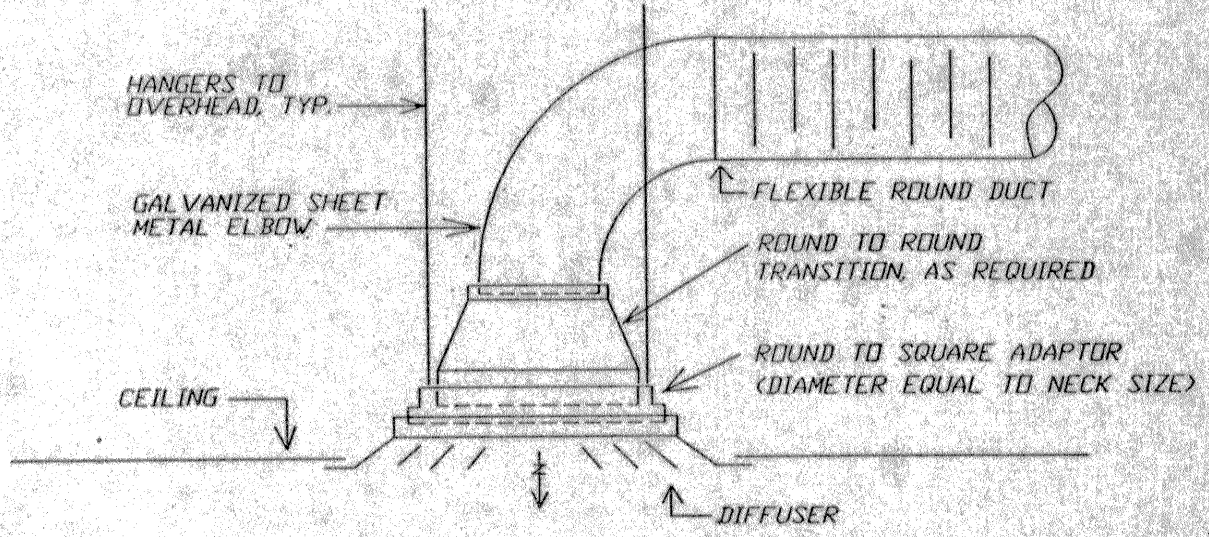
CABINET HEATER PIPING DETAIL
SCALE: NONE

HEATING COIL SCHEDULE											
UNIT NO.	COIL		HEATING								REMARK
	CAP. CFM	FACE VEL. FPM	TOTAL CAP. MBH	ENT. AIR TEMP. F DB	AIR SIDE DROP IN W.C.	ENT. WATER TEMP F	LEAV. WATER TEMP F	FLOW GPM	WATER PRESS. DROP FT.	APPROX. SIZE W X H	
HC-1	3500	438	200	35	0.11	180	150	13.3	3	48x24	1
1. MANUFACTURED BY McQUAY											

FINTUBE RADIATION SCHEDULE												
TYPE	CAPACITY				ENCLOSURE			ELEMENT				REMARKS
	EAT DEG F	AWT DEG F	VELOCITY FT/SEC (MIN)	CAPACITY BTUH/LF	STYLE	HGT IN.	GAGE	TUBE DIA IN.	FIN SIZE IN X IN	FIN PER FT	ROWS	
A	70	170	0.5	1427	DS418	18	18	1	4.25x4.25	40	2	2
B	70	170	0.5	626	FS210	10	18	3/4	2.75x3	48	1	2
C	70	170	0.5	626	FS210	10	18	3/4	2.75x3	48	1	1,2
1. MOUNTED HIGH ON WALL, INVERTED COVER. 2. MANUFACTURED BY VULCAN												



BRANCH DUCT TAKE-OFF DETAIL
SCALE: NONE



DIFFUSER DETAIL
SCALE: NONE

CABINET AND UNIT HEATER SCHEDULE														
HEATER NO.	MBH	CFM AT 70 F	ENTERING AIR TEMP. F	WATER TEMP F		PRESS. DROP (FT.)	GPM	FAN MOTOR					McQUAY MODEL NO.	REMARKS
				ENTERING	LEAVING			HP	RPM	V	PH	HZ		
CH-1	30.3	600	70	180	---	1.9	1.5	1/7	1315	120	1	60	CHF-006	1,3
CH-2	15	300	70	180	---	0.7	1.0	1/12	1370	120	1	60	CHF-003	1,3,5
CH-3	20	400	70	180	---	0.8	1.0	1/12	1285	120	1	60	CHF-004	1,3,5
CH-4	20	400	70	180	---	0.8	1.0	1/12	1285	120	1	60	CHB-004	2,3
CH-5	15	300	70	180	---	0.7	1.0	1/12	1370	120	1	60	CHB-003	2,3
UH-1	40	1000	60	180	---	0.1	4.4	1/20	1550	120	1	60	UHB-052B	4
1. WITH FRONT DISCHARGE. 2. WITH CEILING PLATE. 3. WITH FILTER RACK AND 1 INCH THROWAWAY FILTER 4. WITH FAN GUARD. 5. FLOOR MOUNTED SEMIRECESSED.														

FAN SCHEDULE												
FAN NO.	AIR CAPACITY CFM	STATIC PRESS. IN W.C.	OUTLET VELOCITY FPM	TYPE OF FAN	FAN RPM	TYPE OF DRIVE	MOTOR		MANUFACTURER'S MODEL NO.		REMARKS	
REF-1	2350	1.0	800	UPBLAST	1165	3/4	1725	120-1-60	CUBE-180HP	1,2		
REF-2	375	0.5	---	CENTRIFUGAL	1230	BELT	1/4	1725	120-1-60	GB-80	1,3	
REF-3	1050	0.375	---	CENTRIFUGAL	1090	BELT	1/4	1725	120-1-60	GB-120	1,3	
REF-4	195	0.25	---	CENTRIFUGAL	1170	BELT	1/4	1725	120-1-60	GB-70	1,3	
REF-5	600	0.5	---	CENTRIFUGAL	1210	BELT	1/4	1725	120-1-60	GB-100	1,3	
SAF-1	850	0.5	---	SUPPLY	798	BELT	1/3	1725	120-1-60	RSP-90	1,4	
SAF-2	1050	0.375	---	SUPPLY	746	BELT	1/3	1725	120-1-60	RSP-90	1,4	
1. MANUFACTURED BY GREENHECK. 2. FAN SHALL BE EQUIPPED FOR NFPA-RESTAURANT INSTALLATION INCLUDING PREFABRICATED ROOF CURB, EXTENDED BASE, GREASE CUP WITH THREADED CONNECTION, AND EXTERNAL WEATHERPROOF DISCONNECT. 3. WITH 12 INCH HIGH INSULATED ROOF CURB AND ELECTRICAL DISCONNECT. 4. WITH 12 INCH HIGH INSULATED ROOF CURB AND DUCT ADAPTOR												

DIFFUSER REGISTER & GRILLE SCHEDULE		
SYMBOL	MANUFACTURER'S MODEL NO.	REMARKS
A	RCDF-10L	1,2
B	RC-10	1,2
C	RC-40	1,2
D	RCDF-10	1,2
E	EXISTING	
F	RCDF-40	1,2
R	CRE500	1,2
T	CRE500	1,2
X	T77D	1,2
T	TI10DG	1,2
1. MANUFACTURED BY AGFAIR. 2. MANUFACTURERS OFF WHITE FINISH		

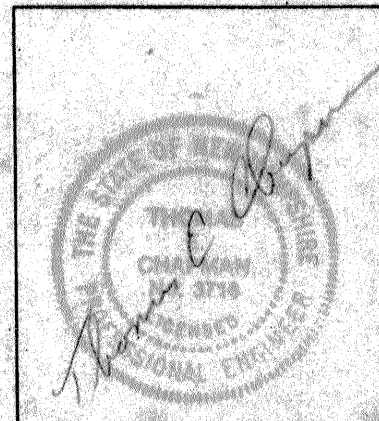
PUMP SCHEDULE									
SYMBOL	GPM	SIZE INLET/OUTLET	TYPE	TOTAL HEAD FT.	HP	MOTOR		MAX. RIA	REMARKS
HWP-1&2	85	2 x 2	INLINE	25	3/4	1725	240-1-60	---	1,5
CP-1&2	20	1-1/2 x 1-1/2	INLINE	12	1/4	1725	120-1-60	---	2
SHWP-1	13.3	1-1/2 x 1-1/2	INLINE	12	1/8	1725	120-1-60	---	3
SHWP-2	2.3	3/4 x 3/4	INLINE	12	1/8	1725	120-1-60	---	4
1. TACO MODEL 1632. 2. TACO MODEL 1600, WITH 300F SEAL. 3. TACO MODEL 113. 4. TACO MODEL 111. 5. WITH COMBINATION MAGNETIC MOTOR STARTER									

CLASSROOM UNIT VENTILATOR SCHEDULE															
UNIT NO.	MBH	CFM AT 70 F	MIN O.A. CFM	ENTERING AIR TEMP. F	WATER TEMP F		PRESS. DROP (FT.)	GPM	FAN MOTOR					MANUFACTURERS MODEL NO.	REMARKS
					ENTERING	LEAVING			HP	RPM	V	PH	HZ		
UV-1	80	1250	450	42	180	148	1.2	5	1/4	--	120	1	60	AV-5000	1,2,3
1. MANUFACTURED BY AMERICAN AIR FILTER. 2. INLET AIR ARRANGEMENT "C", DISCHARGE AIR ARRANGEMENT "B", HEATING COIL "E", FACE AND BY PASS DAMPER. 3. WITH 60" WIDE x 10-3/8" HIGH HORIZONTAL BLADE WALL INTAKE LOUVER.															

ROOF TOP AIR HANDLER SCHEDULE													
UNIT NO.	AIR CAP CFM @ 70	MIN. O.A. CFM @ 70F	SUPPLY FAN				RETURN FAN				ELEC. V-PI-HZ	MANUFACTURERS MODEL NO.	REMARKS
			EXT S.P. IN WC	OUT VEL FPM	FAN RPM	HP	AIR CAP CFM @ 70F	EXT S.P. IN WC	OUT VEL FPM	FAN RPM			
RTU-1	3500	1500	0.8	1700	700	1.5	3500	0.5	1700	550	1.0	240-1-60 RBS-800B	1,2
1. WITH OPTIONAL RETURN AIR FAN INLET DAMPERS, TWIN 15"x 6" SUPPLY AIR FAN, 0-100% ECONOMIZER WITH LOW PRESSURE GRAVITY RELIEF DAMPERS, ROOF CURB, LESS COIL SECTION, WITH DISCHARGE PLENUM SECTION AND BOTTOM DISCHARGE. 2. RETURN FAN CAPACITY SHALL BE 3500 CFM WHEN KITCHEN FAN REF-1 IS NOT RUNNING AND 2000 CFM WHEN REF-1 IS RUNNING.													

CONTROL VALVE SCHEDULE							
VALVE NO.	EQUIPMENT SERVED	FLUID	CAPACITY GPM	ENTERING PRESSURE (PSI)	PRESSURE DROP (MAX) FEET	CLOSING PRESSURE DIFF. PSI	REMARKS
CV-1	HC-1	WATER	13.3	50	5	25	1
CV-2	HV-1	WATER	2.3	50	5	25	1
CVR	RADIATION	WATER	2 (MAX)	50	3	25	1
1. 3 WAY, MIXING, MODULATING. 2. 2 WAY							

HEATING AND VENTILATING UNIT SCHEDULE																
UNIT NO.	FAN SCHEDULE					COIL (HOT WATER) SECTION							McQUAY MODEL NO.	REMARKS		
	AIR CAP CFM AT 70 F	MIN. O.A.	EXT. S.P. IN W.C.	FAN RPM	MOTOR H.P. MAX.	ELEC. V-PH-HZ	FACE VEL. FPM	HEAT CAP. MBH	AIR		WATER					
									ENT F	FRIC IN WC MAX	ENT F	LUG F			GPM	FRIC FT. OF H2O MAX
HV-1	1125	300	0.8	1207	1/2	120-1-60	--	22.8	49	--	180	--	2.3	2	SCR-121	1
1. WITH HANGING VIBRATION ISOLATION KIT, SUPPLY AND RETURN DUCT COLLARS, 2" BOTTOM ACCESS FILTER FRAME AND 2" PLEATED THROWAWAY FILTERS																



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