

EXHAUST FAN SCHEDULE

NO.	LOCATION	MAKE & MODEL NUMBER	CFM	PD "H2O	T.S.(FPM)	SONES	RPM	HP/W	ELEC DATA	CURB ROUGH OPENING	CONTROL	REMARKS
EF-1	UV BLDG ROOF	GREENHECK GB-260-10 (3)	5,500	0.5	-	11.6	581	1 HP	208/50/3	32.5"x32.5"	(A)	(1) (2)

(A) ON WITH COOL T-STAT

(1) W/ VCD-23 LOW LEAKAGE MOTORIZED DAMPER (2) REPLACE DRIVE SHEAVES AS REQ'D FOR 581 FAN RPM (3) OR BY ACME, LOREN COOK, OR PRIOR APPROVED EQUAL

ELECTRIC UNIT HEATER SCHEDULE

NO.	LOCATION	MAKE & MODEL NUMBER	CFM	ESP "H2O	FAN HP	DD/BD	RPM/SPEED	VOLTAGE	KW	AMPS	LBS	REMARKS
EUH-1,2	UV BLDG	INDEECO UHI SERIES MODEL # 239-U207U (3)	350	-	1/50	00	1550	480/60/3	7.5	9	25	(1) (2)

(1) CONTROLLED BY A WALL THERMOSTAT MTD AT 60" AFF (2) W/ CEILING MOUNTING BRACKET (3) OR BY BERKO, MARKEL, OR PRIOR APPROVED EQUAL

LOUVER SCHEDULE

NO.	LOCATION	MAKE & MODEL NUMBER	SIZE	PD "H2O	CFM	FREE AREA	CONSTRUCTION	FINISH & ACCESSORIES
L-1	UV BLDG WEST WALL	GREENHECK FDS-402 (1)	56"x48"	0.064	5,500	8.27	STEEL	COLOR BY ARCHITECT. PROVIDE WITH 60"x48" MOTORIZED DAMPERS, INTERLOCKED WITH EF-1.

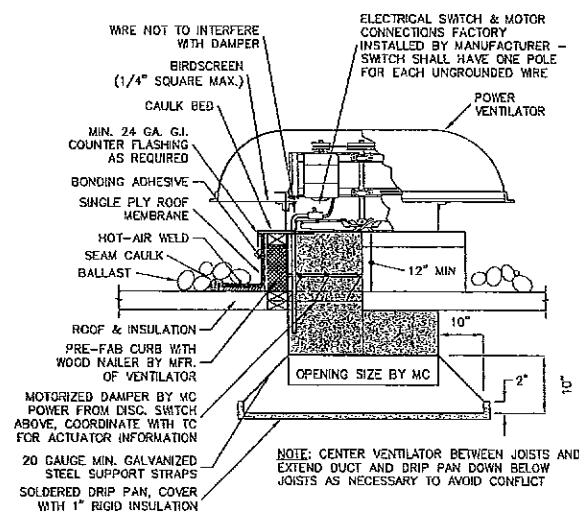
(1) OR BY AMERICAN WARMING AND VENTILATING, DOWCO, LOUVERS AND DAMPER, OR PRIOR APPROVED EQUAL

LEGEND

SYMBOL	DESCRIPTION
	NEW DUCTWORK (SHADED)
	MOTORIZED DAMPER
	THERMOSTAT CONTROL WIRING
	ZONE "X" THERMOSTAT
	EXHAUST AIR
	OUTSIDE AIR

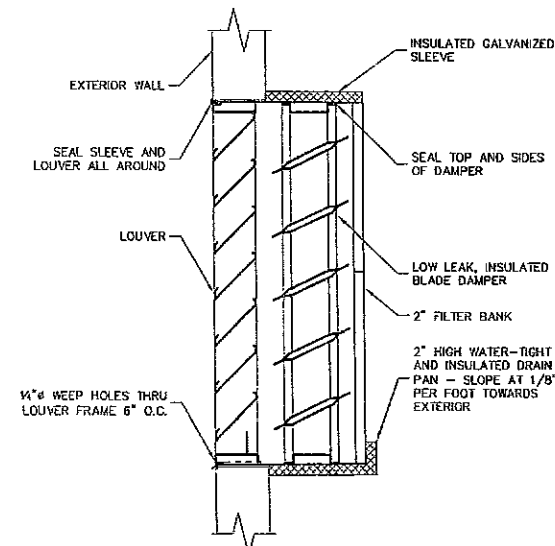
FLAG NOTES:

- SEE LOUVER DETAIL, THIS SHEET. TOP OF LOUVER AT 1'-6" ABOVE INSIDE FINISHED FLOOR. LOUVER HAS A 60/48 MOTORIZED DAMPER INTERLOCKED WITH EF-1.
- SEE POWER ROOF VENTILATOR DETAIL, THIS SHEET.
- MOUNT TOP OF ELECTRIC UNIT HEATER AT 12'-8" AFF.
- 0-1 HR TIMER SWITCH FOR MANUAL VENTILATION. OPENS LOUVER DAMPER AND EXHAUST FAN DAMPER ONLY WITHOUT STARTING THE EXHAUST FAN.



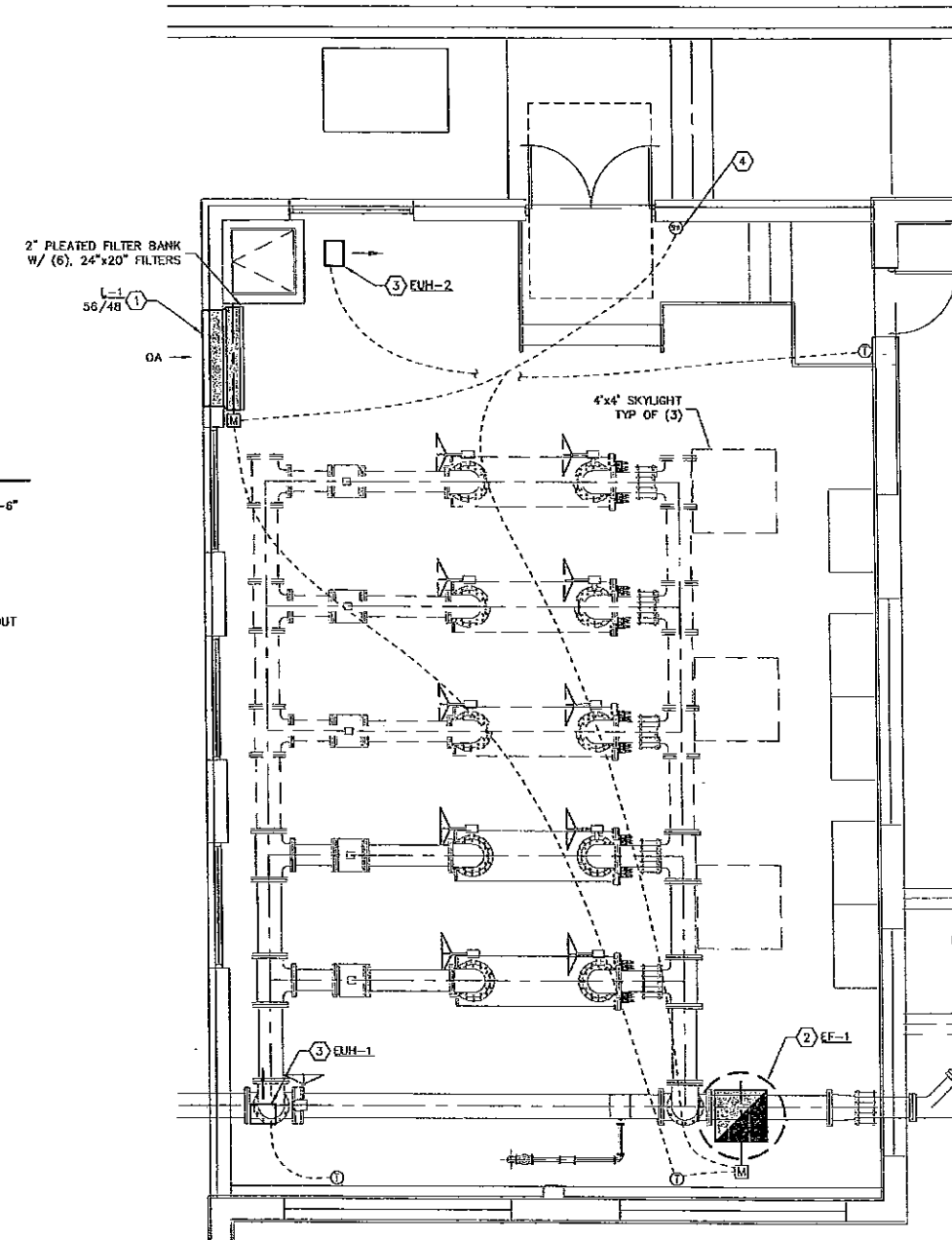
POWER ROOF VENTILATOR DETAIL

NO SCALE



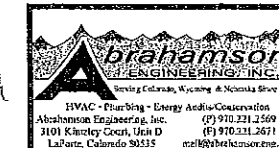
LOUVER DETAIL

NO SCALE



MECHANICAL PLAN

1/4" = 1'-0"



DATE	11/14/2007
BY	JHM
CHECKED	RDA
SCALE	BAR PLOTS 1-INCH AT FULL SCALE
ROCKY FORD WATER TREATMENT PLANT UPGRADE UV BUILDING MECHANICAL PLAN	
TST TST INFRASTRUCTURE, LLC Design Engineers	
NOVEMBER 14, 2007	
0722	
M1	

LAST PLOT: 9/11/2008 2:45 PM UPDATE BY: JHM DRAWING NO: 0722.M01.dwg