

EXHAUST FAN SCHEDULE									
NO.	AREA	TEST AIR NUMBER	INCH. DIA.	C.F.M. W.C.	MOTOR DATA	POWER CIRCUIT	CONTROL NOTE #1	SEE NOTE #2	
EX-1	EXHAUSTED	142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-2		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-3		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-4		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-5		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-6		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-7		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-8		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-9		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-10		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-11		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-12		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-13		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-14		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-15		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-16		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-17		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-18		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-19		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-20		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-21		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-22		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-23		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-24		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-25		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-26		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-27		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-28		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-29		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	
EX-30		142 BCR	12" x 12"	435	1/4" 75	1/2	1	1.2	

EXHAUST FAN SCHEDULE NOTES

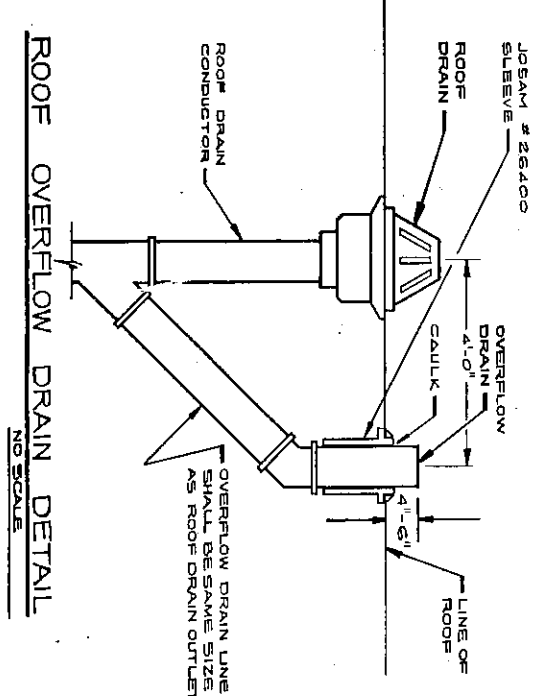
- Control Designations: (Zone #) fan to be controlled by manual switch provided by Electrical Contractor.
- Install fan on curb provided by the General Contractor.
- Temperature Control Contractor shall provide pressure electric switches to control exhaust fans as follows:
Zone # 1 Room # A-201
Zone # 3 Room # A-201
- No speed fan-capacities shown are for high speed operation.
- Install fan on prefabricated sound attenuating curb provided by the Ventilating Contractor.

ROOF PLAN NOTES

- All vents not otherwise noted are 3" plumbing vents.
- All work shown on this sheet is by Mechanical Trades unless otherwise noted.
- Provide deck clamps for all roof drains installed in metal deck or similar roof construction.
- No roof drain shall be set without prior consultation with the Architect's field representative. In general, not on the roof insulation.
- The Mechanical Contractor shall field cut the small roof overflows for plumbing vents and roof drain overflows.

ROOF DRAIN SCHEDULE			
NO.	SIZE	S. R. SLOPE	NOTE
RD-1	4"	10:1	N-3500

1. All roof drains shall be provided with overflows.



TYPICAL DX COOLING COIL CONNECTION

NOTE:
1. PITCH ALL HORIZONTAL LINES A MINIMUM OF 1/8" IN 10 FEET IN THE DIRECTION OF REFRIGERANT FLOW.

C I R C U L A T I N G P U M P S C H E D U L E						
NO.	SYSTEM SERVED	BEIL. & DISCH. PRESS. NUMBER	PIPE ON MODEL	G. P. M. HEAD	H. P.	SEE NOTE
M-1	DOMESTIC HW RECIRCULATING	DOOSIFR	B-1" 1/4"	10	1/2	2.1
M-2	DOMESTIC HW RECIRCULATING	DOOSIFR	B-1" 1/4"	10	1/2	2.1
M-3	DOMESTIC HW RECIRCULATING	DOOSIFR	B-1" 1/4"	10	1/2	2.1
M-4	HEATING SYSTEM	1511	2-1/2" x 1/2"	127	52	5
						1

- Pump Motor: 200 volts, 3 phase, 60 hertz, 1750 RPM.
- Pump Motor: 115 volts, 1 phase, 60 hertz, 1750 RPM.
- Pump shall start and stop on 10° temperature variation in return mains.

HEATING, VENTILATING AIR CONDITIONING & PLUMBING BOILER ROOM LAYOUT

SCALE: 1/4" = 1'-0"

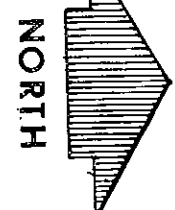
NORTH

HEATING, VENTILATING, AIR CONDITIONING AND PLUMBING BOILER ROOM NOTES

- See Sheet #1-1 for General Notes, Mechanical Legend, and Schedules.
- 96" x 78" x 42" high combustion air intake per house by others. 96" x 78" x 21'-0" deep combustion air plenum lined with 1" insulation by Ventilating Contractor.
- Two 78" x 48" opposed blade motorized combustion air dampers by Temperature Control Contractor. Damper shall be controlled by a relay furnished by the Temperature Control Contractor. Damper #1 and #2 shall be controlled by a relay furnished by the Temperature Control Contractor. Damper #1 and #2 shall be controlled by a relay furnished by the Temperature Control Contractor.
- One 24" x 18" opposed blade motorized combustion air damper by the Temperature Control Contractor. Damper shall be controlled by a relay furnished by the Temperature Control Contractor. Damper #1 and #2 shall be controlled by a relay furnished by the Temperature Control Contractor.
- All valves, thermometers, gauges, feeders, fittings, etc., noted on pumps are typical for pumps.
- Install an air vent at the high point of each circulating pump discharge and at the high point of each heating water return main entering the boiler room.
- All thermometers and gauges shall be installed at 30° from vertical and shall be easily readable from the floor (see specifications).
- All pressure relief valves, temperature relief valves of drain valves, etc., shall be set at 150 psi or as specified.
- All horizontal piping within the boiler room shall be supported on rubber-hanger hangers (see specifications).
- All temperature regulating valves, 3-way mixing valves, valves, etc., shall be provided by the Temperature Control Contractor.

MECHANICAL ROOF PLAN

SCALE: 1/4" = 1'-0"



FIRST FLOOR
KEY PLAN
NO SCALE



EVERETT · I · BROWN COMPANY

5500 WEST BRADBURY AVENUE ·

· PARK FLETCHER ·

ADDITION TO AND RENOVATION OF WESTCHESTER MIDDLE SCHOOL

ARCHITECTS
ENGINEERS

· INDIANAPOLIS, INDIANA · 46241

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James A. Partidge

PROJECT
DATE
NOV. 5, 1979
REVISED

NO. M-12
OF 18

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