

MARK	MODEL #	PIPE SIZE	DISTRIBUTION	NO. OF SLOTS	LENGTH FT.	USE	REMARKS
1	K-150-4	10"φ	TWO-WAY	FOUR	FOUR	SUPPLY	NOTE NO. 1
2	K-150-3	10"φ	TWO-WAY	TWO	FOUR		
3	K-150-2	10"φ	ONE-WAY	TWO	FOUR		
4	K-100-2	8"φ	TWO-WAY	TWO	FOUR		
5	K-100-2	8"φ	ONE-WAY	TWO	FOUR		
6	K-75-2	7"φ	TWO-WAY	TWO	FOUR		
7	K-75-2	7"φ	ONE-WAY	TWO	FOUR		
8	K-150-1	8"φ	TWO-WAY	ONE	FOUR		
9	K-150-1	8"φ	ONE-WAY	ONE	FOUR		
10	K-100-1	7"φ	ONE-WAY	ONE	FOUR		
11	K-75-1	6"φ	ONE-WAY	ONE	FOUR		
12	K-75-2	7"φ	TWO-WAY	TWO	TWO		
13	K-100-1	7"φ	ONE-WAY	ONE	TWO		
14	K-75-1	6"φ	ONE-WAY	ONE	TWO		

NOTE: 1) RESS LINEAR AIR DIFFUSER

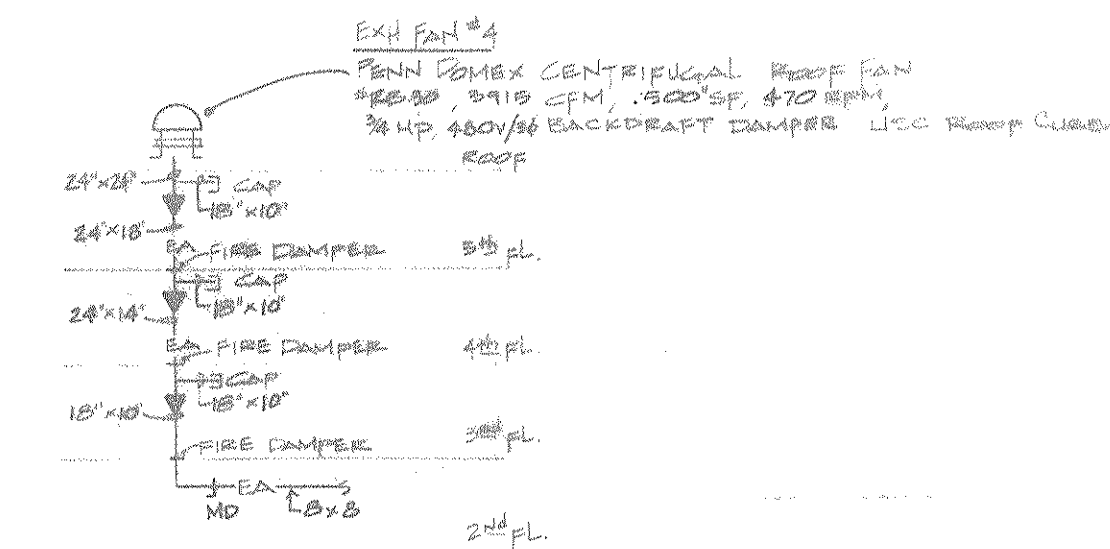
MARK	MODEL NO.	INLET SIZE	CFM RANGE	HP	VOLTS & PHASE	REMARKS
1	ESV-3000-PCPI	16"φ	0-1000	-	-	NOTE NO. 1
2	"	12"φ	0-2100	-	-	NOTE NO. 1
3	"	8"φ	0-800	-	-	NOTE NO. 2
4	"	7"φ	0-600	-	-	NOTE NO. 2
5	"	8"φ	0-450	-	-	NOTE NO. 2
6	HVFS SIZE-D	8"φ	720	1/4	120V/1φ	NOTE NO. 3
T	ESV-3000-PCPI	10"φ	0-1350	-	-	NOTE NO. 2
B	ESV-3000-PCPI	16"φ	0-1000	-	-	NOTE NO. 4

NOTES:  
 1) RESS TYPE VAV BOX - REMOVE EXIST. REHEAT COIL.  
 2) TYPED AIRFLOW-MANAGER VAV BOX.  
 3) TRANSFORMER FOR REHEAT COIL.  
 4) RESS TYPE VAV BOX - REMOVE EXIST. HTG. COIL.

WATER HEATER #2 A.O. SMITH MODEL NO. ELWF-C WITH 1.6 KW HEATING ELEMENT (20V 1φ). MOUNT ON SHELF ABOVE MOP BASIN. PROVIDE VALVES & UNIONS ON LINES SERVING WATER HEATER.

**CONTROL OF VAV BOX WITH REHEAT COIL**

The VAV box and hot water coil shall be controlled by a wall mounted dead band thermostat. Upon an increase in room temperature above the thermostat dead band, the wall thermostat shall modulate the VAV box damper and the hot water valve shall be in the by-pass position. Upon a decrease in room temperature below the thermostat dead band, the wall thermostat shall modulate the hot water coil three-way valve and the VAV box damper shall be in the full open position.



EXHAUST FAN #4 RISER

**PARTIAL SECOND FLOOR PLUMBING PLAN** SCALE 1/8" = 1'-0"

**PARTIAL THIRD FLOOR PLUMBING PLAN** SCALE 1/8" = 1'-0"

NOTE: UC - UNDERCUT DOOR 1" FOR RET. AIR.

SECOND FLOOR PLAN SCALE 1/8" = 1'-0"

NOTE: 5/8" SHEET #8-1 FOR FUTURE 3/4" HOT WATER PIPING LAYOUT.

**FOR PURPOSES OF CONTRACTOR EVALUATION. CONDITIONS DEPICTED IN DRAWING HAVE NOT BEEN VERIFIED.**

SECOND FLOOR PLAN