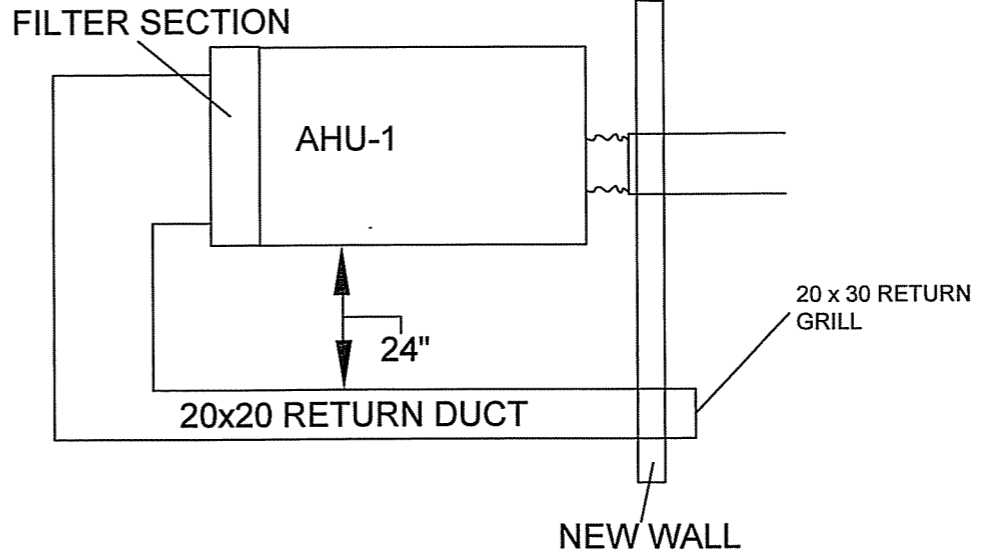


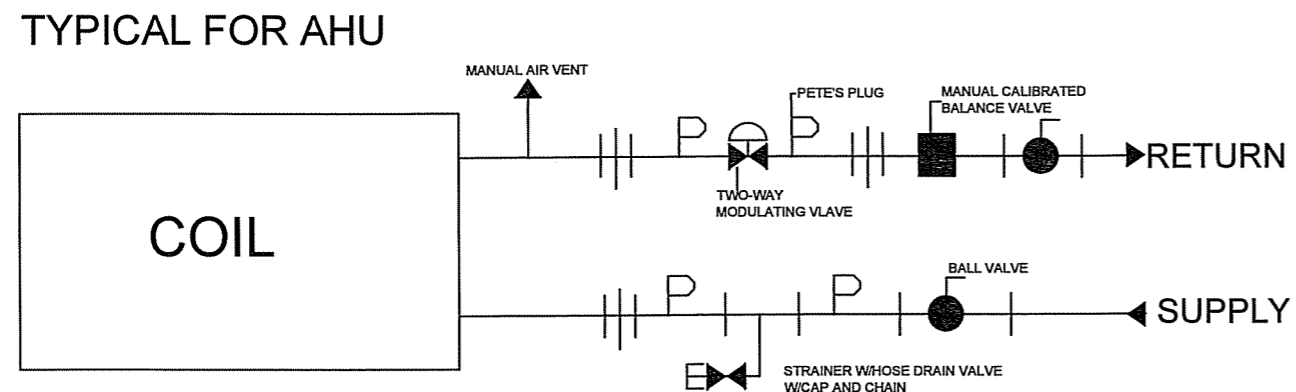
MARK		TRANE MODEL NO.	FAN BHP							CHILLED WATER COIL												REMARKS	
		CFM	TYPE	ESP	TSP	RPM	BHP	HP	V/PH	EAT DB	LAT TWB	TH DB	SH TWB	GPM	WPD ft.	TEW	TLW	FACE VEL	ROWS	FIN fpt	AIR PD		
AHU-1	BCHC 90	3000	HORIZONTAL	1"	1.5	1042	1.52	1.5	208/1	80	67	72.6	64.6	24.7	24.7	4.9	.11	48	58	500	2		1. SIDE ACCESS FILTER SECTION 2. PROVIDE 2" PLEATED FILTERS 3. CEILING SUSPENDED W/ ISOCORATORS 4. UNIT MOUNTED MOTOR STARTER W/ HOA

- NOTES:**
- ① 3 QUARTER INCH PVC SCHEDULED 40
 - ② 1" COPPER PIPING
 - ③ 8" ROUND DUCT WORK

AIR HANDLER ELEVATION



CHILLED WATER COIL PIPING DETAIL



- NOTES:**
- FOR 80 GPM FLOW AND LESS, PROVIDE BELIMP PICCV PRESSURE INDEPENDENT CONTROL VALVE WITH P/T PARTS AND DELETE MANUAL CALIBRATED BALANCING VALVE.
 - FOR GREATER THAN 80GPM FLOW, PROVIDE BELIMP GLOBE CONTROL VALVE AND MANUAL CALIBRATED BALANCING VALVE.

- SYMBOL**
- CHILLED WATER
 - STEAM LINE
 - NEW CONDENSATION LINE
 - EXISTING CONDENSATION LINE
 - NEW DUCT WORK INTERNAL LINED W/ 1" FIBER GLASS INSULATION
 - CONNECTION POINT

STATE OF WEST VIRGINIA
 DEPARTMENT OF ADMINISTRATION DIVISION OF GENERAL SERVICES
 CHARLESTON, WEST VIRGINIA

LOCATION: WEST VIRGINIA STATE CAPITOL
 PROJECT: BUILDING 1
 PROJECT NO: MB-44

MECHANICAL PLAN
 DRAWN BY: BMG NA 7/25/07
 APPROVED BY: SCOTT MASON

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