WATER COIL SCHEDULE - COOLING

DIV 238216

DESIGNATION	SERVICE	LOCATION	COOLING									HEATING						COIL									EQUIPMENT			REMARKS (1,2,3,...) ACCESSORIES (A,B,C,...)
			TOTAL CAP. (MBH)	SENSIBLE CAP. (MBH)	EAT		LAT		FLUID		TOTAL CAP. (MBH)	AIR			FLUID		S.A. FLOW (CFM)	O.A. FLOW (CFM)	# OF ROWS/ FPI	FLOW RATE (GPM)	MAX. FACE VEL (FPM)	AIR PRES. DROP (INCHES WC)	WTR PRES DROP (FT OF HEAD)	TUBE THICKNESS (INCHES)	MODEL NO.:	MFG.	WEIGHT	
					DB °F	WB °F	DB °F	WB °F	EFT (DB °F)	LFT (DB °F)		EAT (DB°F)	LAT (DBT)	EFT (DB °F)	LFT (DB °F)													
CC-1	AHU-X	MER RM #	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/-	-	-	-	-	-	-	-	-	1,2,3,4,5,6,7,8,9 A,B,C
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/-	-	-	-	-	-	-	-	-	-

REMARKS:
1. EFT SHALL BE NOT LOWER THAN 46 F
2. LFT SHALL BE NO LOWER THAN 61 F
3. AIR SIDE FACE VELOCITY SHALL NOT EXCEED 450 FPM.
4. MINIMUM TUBE THICKNESS SHALL BE 0.35 INCHES
5. MAXIMUM AIR PRESSURE DROP SHALL BE 0.2 INCHES WC
6. MAXIMUM WATER PRESSURE DROP SHALL BE 10 FT WC
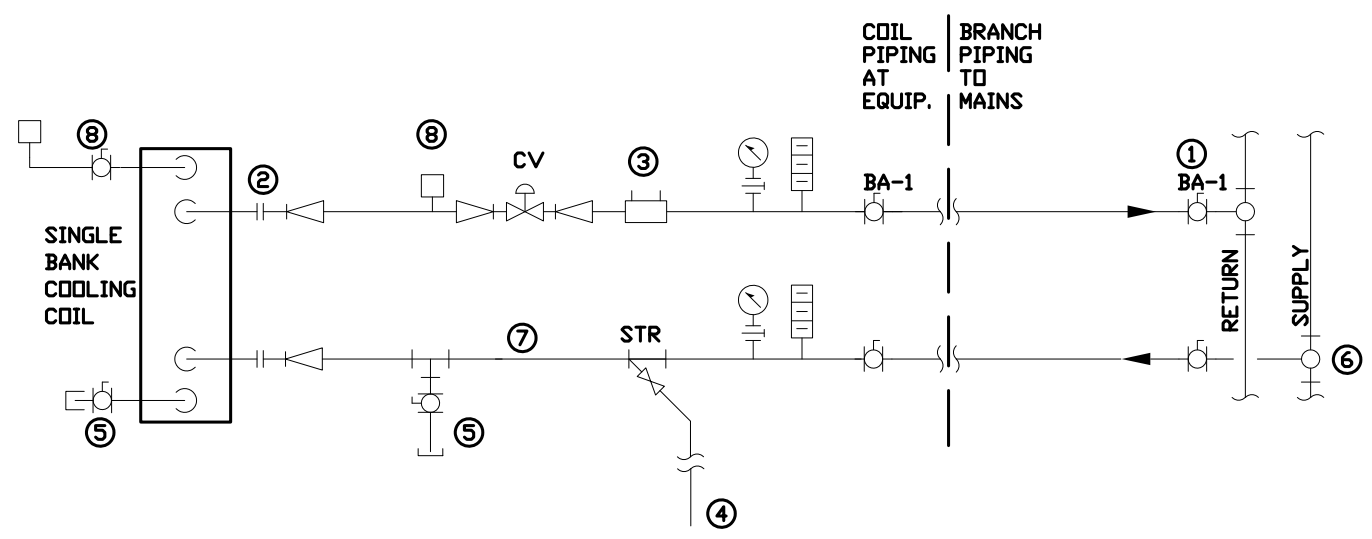7. FPI SHALL NOT BE GREATER THAN 10.

8. COIL CONNECTIONS SHALL BE MALE NPT, OR FLANGE
9. COIL AND HEADERS SHALL BE FABRICATED OF NON-FERROUS MATERIAL

ACCESSORIES:
A. COIL SHALL HAVE HIGH POINT MANUAL VENT
B. COIL SHALL HAVE LOW POINT DRAIN
C. STACKED COILS SHALL HAVE BALANCING VALVE FOR EACH COIL, ON RETURN SIDE.
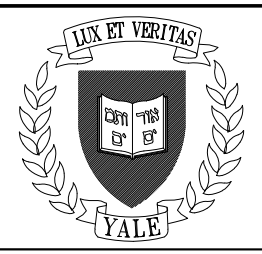
(#) KEY NOTES:

1. PROVIDE ISOLATION VALVES AT COIL AND MAIN, FOR PIPE GREATER THAN TWO INCH PROVIDE TYPE BF VALVE (BUTTERFLY).

2. PROVIDE BREAK FLANGES OR UNIONS FOR COIL REMOVAL.

3. BALANCING VALVE(S) SHALL BE MANUAL TYPE.

4. PIPE TO FLOOR DRAIN

5. LOW POINT DRAIN WITH BALL VALVE, AND HOSE CONNECTION CAP.

6. BRANCH PIPING SHALL BE CONNECTED AT TOP OF MAIN.

7. PIPE DIAMETER SHALL BE SIZED NOT TO EXCEED A 5 FT/S VELOCITY.

8. PROVIDE VENT AT COIL AND HIGH POINT OF PIPING

GENERAL NOTES:

1. -

1 SINGLE BANK COOLING COIL
SCALE: NTS