

FAN COIL UNIT SCHEDULE

TAG	AREA SERVED	SUPPLY FAN			ELECTRIC	HEATING COIL							WEIGHT (LBS)	REMARKS	
		CFM	ESP	HP		MAX FV	EAT	LAT	EWT	LWT	GPM	MBH			WPD
FC-1	INTERIOR ZONES	630	0.75"	0.33	120V-60-1P	567	54.0	92.8	180	154.8	2.0	26.45	2.44"	100	HORIZONTAL UNIT / 2" MERV 8 FILTER
FC-2	EXTERIOR ZONES	630	0.75"	0.33	120V-60-1P	567	54.0	92.8	180	154.8	2.0	26.45	2.44"	100	HORIZONTAL UNIT / 2" MERV 8 FILTER

FAN SCHEDULE

TAG	AREA SERVED	TYPE	CFM	SP	SONES	RPM	WATTS	ELECTRIC	WEIGHT	REMARKS
EF-20	TOILETS	IN-LINE	150	3/8"	2.6	1,189	113	120V-60-1P	16	OPERATE FROM ATC SYSTEM
SF-1	OUTDOOR AIR	IN-LINE	180	1/4"	0.6	845	116	120V-60-1P	31	OPERATE FROM ATC SYSTEM

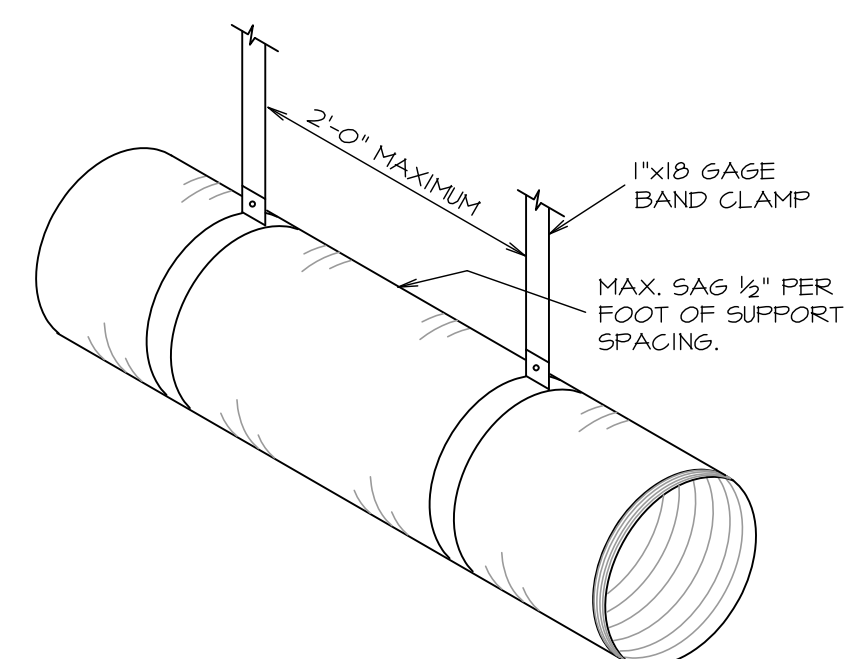
EF-1 THRU 19 ARE EXISTING SONE RATINGS ARE MINIMUMS NOT TO BE EXCEEDED HVI SONE RATINGS WILL NOT BE ACCEPTED

AIR TERMINAL SCHEDULE

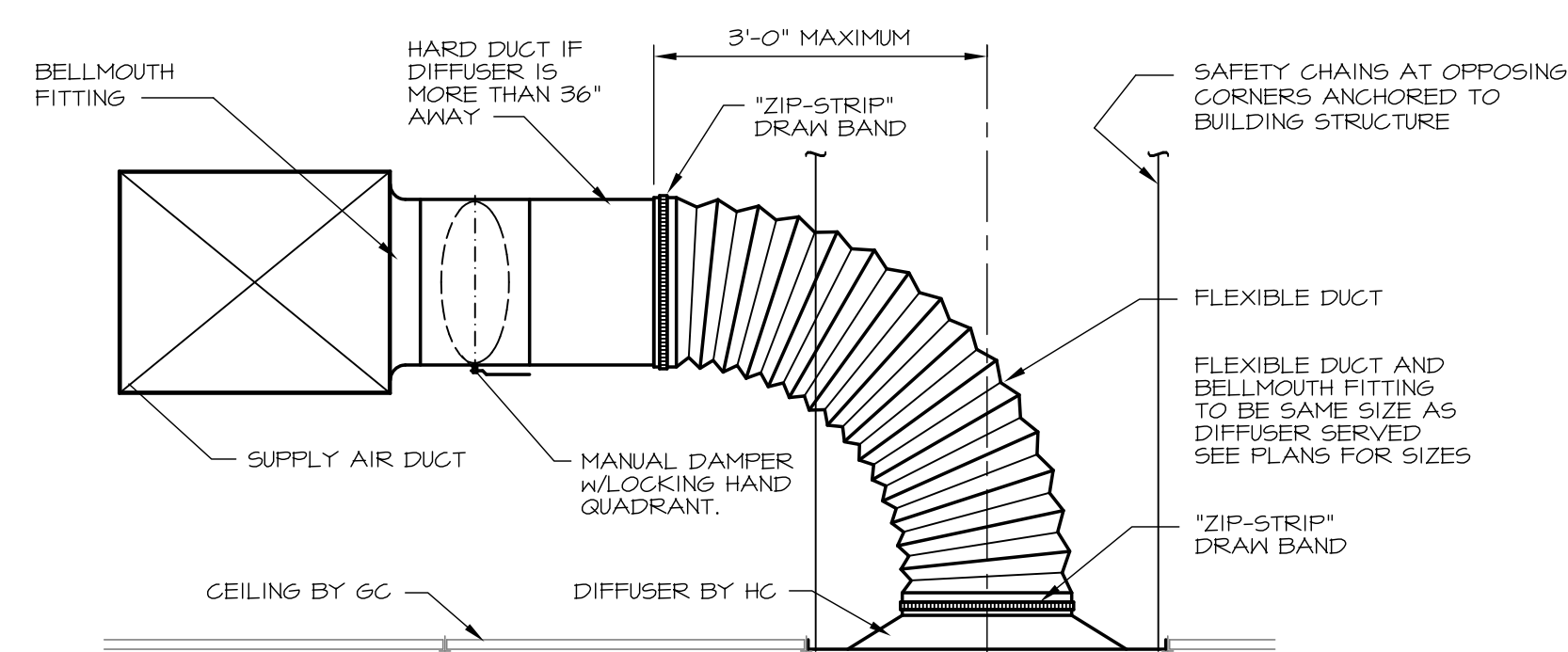
TAG	SIZE	MAX CFM	MAX NC	MAX SP	REMARKS
D1	6"	140	20	0.065"	SQUARE DIFFUSER / LAY-IN FRAME
D2	8"	240	20	0.065"	SQUARE DIFFUSER / LAY-IN FRAME
ER1	6" x 6"	80	20	0.070"	EXHAUST REGISTER
RR1	8" x 6"	110	20	0.050"	RETURN REGISTER
RR2	8" x 8"	150	20	0.070"	RETURN REGISTER
RR3	18" x 16"	600	20	0.040"	RETURN REGISTER
TG1	12" x 6"	135	20	0.030"	TRANSFER GRILLE
TG2	12" x 8"	240	20	0.030"	TRANSFER GRILLE

GENERAL NOTES

- Mechanical Contractor shall coordinate work with all other trades.
- All piping and ductwork shall be run concealed and on the warm side of building insulation unless shown otherwise.
- Piping and ductwork is shown diagrammatically. Exact locations to be adjusted as required to conform to field conditions.
- All duct sizes indicated are outside (sheet metal) dimensions.
- All cutting and patching by the General Contractor.
- All square duct elbows over 12 inches in width to have turning vanes.
- Refer to Architectural Reflected Ceiling Plans for exact locations of all ceiling registers, diffusers and grilles.
- All dimensions associated with existing conditions are approximate and are to be field verified.
- All reductions in water pipe sizes in the direction of flow shall be accomplished with inverted eccentric reducing fittings. Do not use reducing tees.
- Provide drains at all low points in the water piping system.
- All removed materials shall remain the property of the Owner until such time the Owner's authorized representative has reviewed the removed items and taken what the Owner wishes to retain. All remaining items shall become the property of the Contractor and shall be immediately removed from the premises by the Contractor.



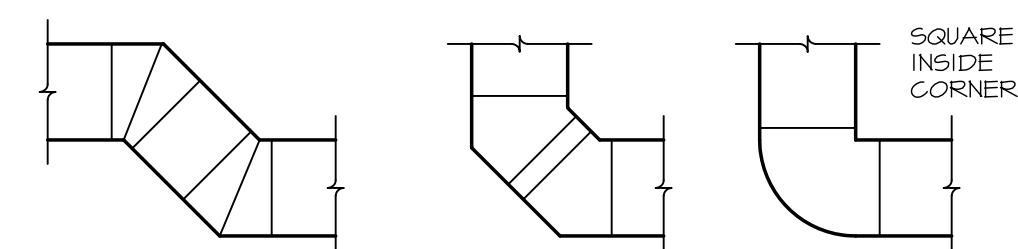
1 FLEXIBLE DUCT SUPPORT DETAIL
NO SCALE



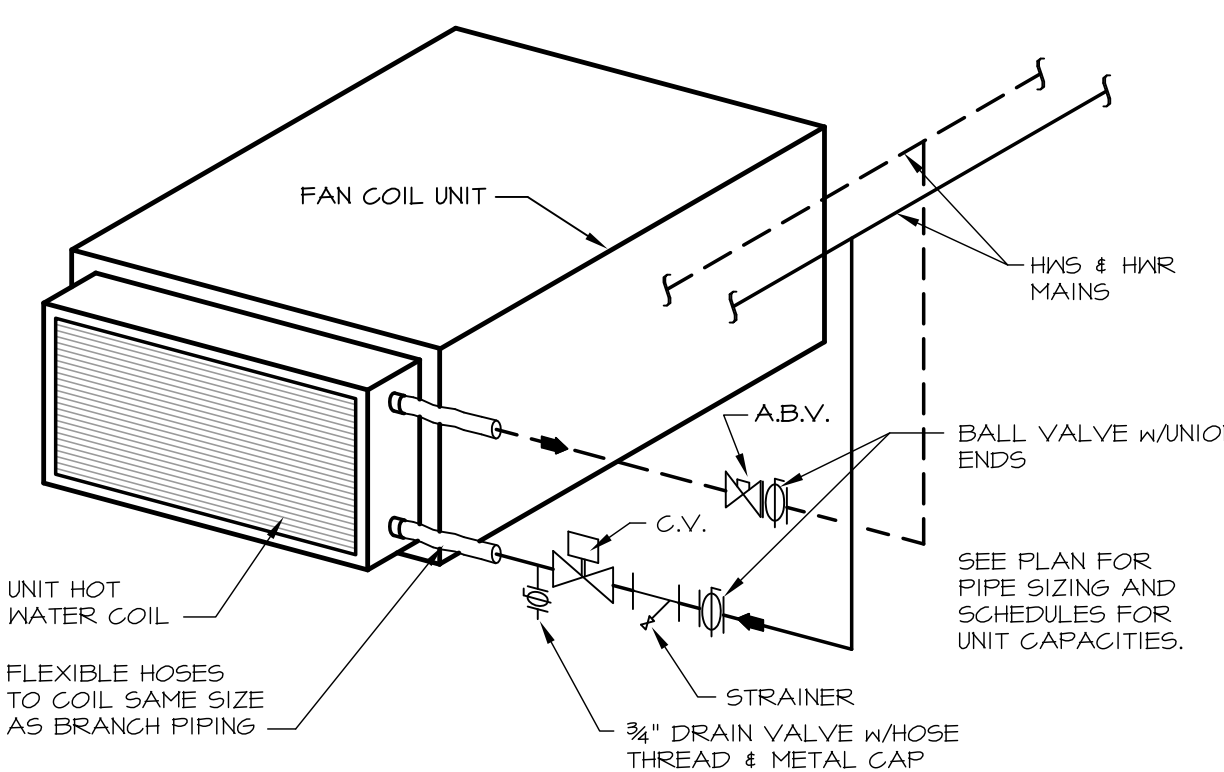
2 FLEXIBLE DUCT & DIFFUSER CONNECTION DETAIL
NO SCALE

SYMBOLS AND ABBREVIATIONS

ABV	AUTOMATIC BALANCING VALVE	SP	STATIC PRESSURE
AFF	ABOVE FINISH FLOOR	SR	SUPPLY REGISTER
AP	ACCES PANEL	TC	TEMPERATURE CONTROL
APD	AIR PRESSURE DROP	TG	TRANSFER GRILLE
ATC	AUTOMATIC TEMP. CONTROL	TSP	TOTAL STATIC PRESSURE
CFM	CUBIC FEET PER MINUTE	T'STAT	THERMOSTAT
CTE	CONNECT TO EXISTING	UC	UNDERCUT
CV	CONTROL VALVE	UH	UNIT HEATER
DIFF	DIFFUSER	VAV	VARIABLE AIR VOLUME
EAT	ENTERING AIR TEMPERATURE	VI	VIBRATION ISOLATOR
EC	ELECTRICAL CONTRACTOR	WPD	WATER PRESSURE DROP
EF	EXHAUST FAN	WTD	WATER TEMPERATURE DROP
ER	EXHAUST REGISTER	—	WATER SUPPLY PIPING
ESP	EXTERNAL STATIC PRESSURE	---	WATER RETURN PIPING
EWT	ENTERING WATER TEMPERATURE	— E —	EXISTING PIPING
FC	FAN COIL	— —	UNION
FV	FACE VELOCITY	— / —	CHECK VALVE
GC	GENERAL CONTRACTOR	— X —	BALANCING VALVE
HC	HEATING CONTRACTOR	— X —	CONTROL VALVE (TWO WAY)
HWR	HOT WATER RETURN	— O —	BALL VALVE
HWS	HOT WATER SUPPLY	— + —	STRAINER
LAT	LEAVING AIR TEMPERATURE	—(T)—	THERMOSTAT
MBH	THOUSAND BTU PER HOUR	—(T)—	THERMOSTAT WITH GUARD
MBV	MANUAL BALANCING VALVE	—(X)—	CONNECT TO EXISTING
MD	MANUAL DAMPER	— —	MANUAL DAMPER
MOD	MOTOR OPERATED DAMPER	— W —	FLEXIBLE DUCT
MV	MANUAL VENT	— + —	LAY-IN DIFFUSER
NTS	NOT TO SCALE	— X —	SUPPLY AIR DUCT
OA	OUTDOOR AIR	— X —	RETURN / RELIEF AIR DUCT
OD	OUTSIDE DIMENSION		
PC	PLUMBING CONTRACTOR		
R	RETURN		
RA	RETURN AIR		
RR	RETURN REGISTER		
S	SUPPLY		
SA	SUPPLY AIR		



USE SMOOTH RADIUS ELBOWS ONLY
THESE TYPES OF FITTINGS ARE UNACCEPTABLE UNLESS SPECIFICALLY INDICATED OTHERWISE.
3 UNACCEPTABLE DUCT FITTINGS
NO SCALE



4 HOT WATER COIL PIPING
NO SCALE