

GENERAL NOTES

- NOT ALL THE SYMBOLS OR ABBREVIATIONS ARE NECESSARILY USED ON THE CONTRACT DRAWINGS.
- PLANS ARE INTENDED TO SHOW THE GENERAL ARRANGEMENT OF EQUIPMENT. DRAWINGS ARE NOT TO BE SCALED. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL LOCATIONS, CONDITIONS AND DIMENSIONS.
- COORDINATE LOCATION OF DUCTWORK, PIPING, AND DIFFUSERS WITH ALL OTHER TRADES.
- ALL PIPING AND DUCTWORK IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN FURRED CHASES OR ABOVE SUSPENDED CEILING.
- ALL DUCTWORK AND PIPING IN ALL AREAS SHALL BE INSTALLED AS HIGH AS POSSIBLE, RUN THRU OR BETWEEN JOISTS AS REQUIRED.
- ARROWS ON SUPPLY AND RETURN LINES INDICATE DIRECTION OF FLOW.
- ALL DIMENSIONS SHOWN ON THE DRAWINGS ARE IN INCHES EXCEPT AS NOTED OTHERWISE.
- ACCESS PANELS IN CEILINGS OTHER THAN LAY-IN TILE ARE REQUIRED FOR ALL EQUIPMENT, VALVES, TRAPS, DAMPERS, CLEANOUTS, ETC..
- CEILING OFFICERS SEES SHOWN ON FLOOR PLANS ARE MECH SIZES ALL DIFFUSERS ARE 4 WAY UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF MASONRY RETURN AIR OPENINGS AND RECESSED EQUIPMENT WITH THE GENERAL CONTRACTOR.
- LOCATE ALL CEILING DIFFUSERS, REGISTERS, GRILLES, ETC. TO CONFORM WITH RELECTED CEILING PLAN.
- PROVIDE BALANCING DAMPER AT BRANCH TAKEOFF FOR ALL DIFFUSERS AND REGISTERS.
- ALL CONTRACTORS ARE RESPONSIBLE FOR THE ENTIRE BIDDING SET. IF THE ARCHITECTURAL DRAWINGS INDICATE WORK TO BE COMPLETED BY THE HVAC CONTRACTOR THEN THE HVAC CONTRACTOR IS RESPONSIBLE FOR THAT WORK.
- DEMOLITION PLANS ARE SHOWN FOR CLARITY AND COORDINATION. CONTRACTOR SHALL REMOVE ALL HVAC EQUIPMENT AND ASSOCIATED APPURTENANCES COMPLETE UNLESS SHOWN OR NOTED. CONTRACTOR SHALL WORK IN PHASES AS DETERMINED BY OWNER. CONTRACTOR SHALL REPORT ANY DISCREPANCIES OR CHANGES IN SCOPE OF WORK PRIOR TO COMMENCING REMOVAL WORK WITH OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR EXPANSION AND BACKFILL FOR ALL TRUCKING ASSOCIATED WITH THE SCOPE OF WORK OUTLINED ON DRAWINGS AND IN THE SPECIFICATIONS.
- ITEMS SHOWN WITH LINE TYPES WITH A LIGHT LINE WEIGHT ARE EXISTING TO REMAIN. ITEMS SHOWN WITH HEAVY LINE WEIGHT ARE TO BE DEMOLISHED ON DEMOLITION DRAWINGS AND NEW AND OR RELOCATED ITEMS TO BE INSTALLED ON NEW WORK DRAWINGS.
- MECHANICAL CONTRACTOR SHALL PROVIDE LIMITS FOR ALL DUCTWORK OPENINGS INTO INTERIOR WALL REFER TO ARCHITECTURAL FOR LIMIT SCHEDULE. MECHANICAL CONTRACTOR SHALL PROVIDE OPENINGS AS REQUIRED TO INSTALL DUCTWORK, EQUIPMENT, ETC..
- MECHANICAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS OF EXISTING BUILDING WALLS AND STRUCTURE CLEARANCES PRIOR TO INSTALLED ANY MATERIALS OR EQUIPMENT.
- FIRST FIGURE OF DUCT SIZE INDICATED DIMENSION OF FACE SHOWN OR INDICATED. ALL DUCTWORK TO BE GALVANIZED SHEET METAL. ALL DUCTWORK SHALL BE FABRICATED TO SIMONS SHEET METAL SPECIFICATIONS. ALL DUCTWORK SHALL BE INSTALLED WITH 1" THICK FIBERGLASS INSULATION. CHEMICALLY COMPATIBLE WITH SEALANT AND MASTIC MATERIALS. DO NOT USE OIL BASE COULINGS, MASTICS OR GLAZING COMPOUNDS.
- ALL SUPPLY DUCTS SHALL BE INSULATED WITH 1" THICK FIBERGLASS FOLIAKED INSULATION. ALL INSULATION SHALL BE ADHERED TO DUCTS BY FIRE RESISTIVE ADHESIVE. ALL JOINTS SHALL BE SEALED WITH 2" WIDE MIPOR BARRIER TABS OR STRIPS USING A FIRE RESISTIVE ADHESIVE.

ABBREVIATIONS

AV	AUTOMATIC AIR VENT	INSUL	INSULATION
ABVE	ABOVE	INTBLK	INTERLOCK
ACCU	AIR COOLED CONDENSING UNIT	INVT	INVERT
AD	ABOVE	INW	IN WALL
AF	ABOVE FINISHED FLOOR	INWV	IN WALL VENT
AFND	AIR FLOW MEASURING DEVICE	KLOMNT	KILOMETER
AHU	AIR HANDLING UNIT	KW	KILO WATT
AD	ACCESS PANEL	LF	LINEAR FEET
APPRX	APPROXIMATELY	LFC	LINEAR FEET CEILING
ATC	AUTOMATIC TEMPERATURE CONTROL	LFT	LINEAR SUPPLY DIFFUSER
AUTO	AUTOMATIC	LFT	LINEAR SUPPLY DIFFUSER CEILING
BC	BACKFLOW CHECK VALVE	LW	LEAVING WATER TEMPERATURE
BCK	BACKFLOW CHECK VALVE	LWT	LEAVING WATER TEMPERATURE
BDD	BACKDRIFT DAMPER	MANIF	MANIFOLD
BHP	BREAK HORSE POWER	MAX	MAXIMUM
BNG	BELONG	MBA	ONE THOUSAND BTU/HOUR
BLW	BELOW	MCA	MAXIMUM CIRCUIT AMPERE
BM	BOTTOM	MD	MOTORIZED DAMPER
BTM	BOTTOM	MFR	MECHANICAL ROOM
CA	CAPACITY	MH	MANHOLE
CAF	CUBIC FEET / HOUR	MK	MINIMUM
CFM	CUBIC FEET PER MINUTE	MN	MOUNTING
CHK	CHECK VALVE	MTG	MOUNTING
CLG	CEILING	MTL	METAL
CLG MTD	CEILING MOUNTED	N/A	NOT APPLICABLE
COND	CONDENSATE	NO	NOT TO SCALE
COL	COLUMN	NTS	NOT TO SCALE
CMPR	COMPRESSOR	OAT	OUTSIDE AIR TEMPERATURE
CONC	CONCRETE	OPR	OPERATED
CONT	CONTINUOUS	OPN	OPENING
CONTR	CONTRACTOR	OS	OPERATING SCREW AND YOKE
CONV	CONVECTOR	PC	PLUMBING CONTRACTOR
COOR	CORRIDOR	PD	PUMP DISCHARGE
CV	CONTROL VALVE	PDM	PEND MTD
CH	CHILLER	PRG	PROGRAM
CB	COLD WATER	PRV	PRESSURE REDUCING VALVE
DD	DAMPERS	PT	PRESSURE TAP
DPR	DAMPERS	PVC	POLY VINYL CHLORIDE
DWA	DRAWING	RAF	RETURN AIR FAN
DK	DOWN	RAG	RETURN AIR GRILLE
DO	DOTTO	RED	REDUCER
DPR	DAMPERS	REF	REFRIGERANT
DWA	DRAWING	REGD	REGISTERED
DK	DOWN	RET	RETURN
DO	DOTTO	RM	ROOM
DPR	DAMPERS	RP	RADIANT PANEL
DWA	DRAWING	RQ	REFRIGERANT QUANTITY
DK	DOWN	RW	RETURN REGISTER WALL
DO	DOTTO	RV	REFRIGERANT VACUUM AND LIQUID
DPR	DAMPERS	SA	SUPPLY AIR
DWA	DRAWING	SD	SMOKE DAMPER
DK	DOWN	SD	SMOKE DAMPER
DO	DOTTO	SOC	SUPPLY DIFFUSER CEILING
DPR	DAMPERS	SENS	SENSIBLE
DWA	DRAWING	SOC	SUPPLY ORIFICE CEILING
DK	DOWN	SOE	SUPPLY ORIFICE CEILING
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