

MECHANICAL SYMBOLS

APPENDIX E-1

FILE NAME	SYMBOL	DESCRIPTION	FILE NAME	SYMBOL	DESCRIPTION	FILE NAME	SYMBOL	DESCRIPTION
M001		*FD - FLOOR DRAIN *FS - FLOOR SINK *RD - ROOF DRAIN	M018		BALL VALVE	M067		METER
M002		PENDENT SPRINKLER HEAD	M019		BUTTERFLY VALVE	M068		CARBON DIOXIDE SUPPRESSION SYSTEM
M003		SIDEWALL HEAD	M020		CHECK VALVE	M069		FIRE PROTECTION POST INDICATING VALVE NUMBER
M004		UPRIGHT SPRINKLER HEAD	M021		CONTROL VALVE (TWO WAY)	M070		BLOCK VALVE NUMBER-FIRE HYDRANT NUMBER
M005		UPRIGHT SPRINKLER HEAD AND PENDENT HEAD BELOW	M022		CONTROL VALVE (3-WAY)	M071		WATER SYSTEM BLOCK VALVE NUMBER
M006		ALARM VALVE	M023		DIAPHRAM VALVE	M072		DRY CHEMICAL SUPPRESSION SYSTEM
M007		DRY-PIPE VALVE	M024		GATE VALVE	M073		KEY BOX
M008		DELUGE VALVE	M025		GATE VALVE (ANGLE)	M074		CAP OR PLUG
M009		PRE-ACTION VALVE	M026		GATE VALVE (OS & Y)	M075		FLEXIBLE MECHANICAL COUPLING
M010		FIRE DEPARTMENT CONNECTION	M027		GLOBE VALVE	M076		RIGID MECHANICAL COUPLING
M011		FIRE DEPARTMENT CONNECTION FREE STANDING	M028		GLOBE VALVE (ANGLE)	M077		ELBOW - TURNED UP
M012		BUILDING FIRE CONTROL PANEL	M029		HOSE BIBB W/VAC BREAKER	M078		ELBOW - TURNED DOWN
M013		HALON CONTROL PANEL	M030		NEEDLE VALVE	M079		FLANGE CONNECTION
M014		FIRE HYDRANT	M031		PLUG VALVE COCK	MDB0		REDUCER - CONCENTRIC
M015		POST INDICATOR VALE	M032		PRESSURE REDUCING VALVE	MDB1		REDUCER - ECCENTRIC - BOTTOM OF PIPE LEVEL
M016		EP - ELECTRIC-PNEUMATIC SWITCH PE - PNEUMATIC-ELECTRIC SWITCH SP - DUCT STATIC PRESSURE SENSOR FS - FLOW SWITCH FT - WATER FLOW SENSOR/TRANSMITTER TT - TEMPERATURE SENSOR/TRANSMITTER PS - PRESSURE SWITCH PT - PRESSURE SENSOR/TRANSMITTER TS - TAMPER SWITCH	M033		RELIEF OR SAFETY VALVE	MDB2		REDUCER - ECCENTRIC - TOP OF PIPE LEVEL
M016A		OTHER TYPE OF SWITCH MORE THAN TWO LETTERS	M034		SOLENOID VALVE	MDB3		TEE - OUTLET UP
M016B		OTHER TYPE SWITCH (MORE THAN TWO LETTERS WITH NUMERICAL TAG)	M035		CAP	MDB4		TEE - OUTLET DOWN
M017		T - THERMOSTAT H - HUMIDISTAT HS - HUMIDITY SENSOR PS - PRESSURE SENSOR TS - TEMPERATURE SENSOR	M036 TO M049		NOT USED	MDB5		UNION
M017A		OTHER TYPE SENSOR (MORE THAN TWO LETTERS)	M050		AUTOMATIC AIR VENT	MDB6		END OF PIPE
M017B		OTHER TYPE SENSOR (MORE THAN TWO LETTERS WITH NUMERICAL TAG)	M051		MANUAL AIR VENT	MDB7		DIRECTION OF FLOW
			M052		BACKFLOW PREVENTER	MDB8		PITCH PIPING DOWN
			M053		FLOOR CLEANOUT	MDB9		MECHANICAL EQUIPMENT DESIGNATION
			M054		WALL CLEAN OUT			
			M055		END OF PIPE CLEAN OUT			
			M056		EXPANSION JOINT			
			M057		EXPANSION LOOP			
			M058		FLEXIBLE PIPE CONNECTION			
			M059		PIPE ANCHOR			
			M060		PRESSURE GAUGE WITH VALVE			
			M061		STEAM TRAP			
			M062		STRAINER			
			M063		STRAINER W/BLOW-OFF VALVE			
			M064		THERMOMETER			
			M065		TEST PLUG (PRESS/TEMP)			
			M066		TEMP GAUGE WITH VALVE			

MECHANICAL EQUIPMENT LIST			
ITEM NO.	LOCATION	DESCRIPTION, MANUFACTURER OR APPROVED EQUAL	DATE
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