

5-21-04	PLAN CHECK
6-23-04	PLAN CHECK
7-14-04	PLAN CHECK
4-15-05	RFI 53 & 54
8-30-05	TENANT AIR

JMA ARCHITECTURE STUDIOS

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FILE	CA
DATE	September 8, 2004
SCALE	NONE
REV NO	04.054.01
CLV Dwg NO	521-381

MECHANICAL LEGEND ABBREVIATIONS AND SHEET INDEX

MO.01

RECORD DRAWINGS
Date: 01/25/06 This record drawing has been prepared in part, based upon information furnished by others. While this information is believed to be reliable, Harris Consulting Engineers LLC cannot assure its accuracy, and is not responsible for the accuracy of this record drawing or for any errors or omissions which may have been incorporated into it as a result. Those relying on this record drawing are advised to obtain independent verification of its accuracy before applying it for any purpose.

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MECHANICAL LEGEND		ABBREVIATIONS		SHEET INDEX	
 SUPPLY AIR DUCT  RETURN AIR DUCT  EXHAUST AIR DUCT  OUTSIDE AIR DUCT  COMBUSTION AIR DUCT  FUSIBLE LINK FIRE DAMPER  SMOKE DAMPER  SMOKE FIRE DAMPER  DUCT MOUNTED SMOKE DETECTOR  MANUAL BALANCING DAMPER  THERMOSTAT  ROTARY WALL SWITCH  DDC SENSOR  ROOM HUMIDITY SENSOR OR HUMIDSTAT  AQUASTAT  ACCESS DOOR, ACCESS PANEL  RECTANGULAR, FLAT OVAL OR ROUND AIR DUCT (PLAN VIEW)  DUCT SIZE (N.), FIRST FIGURE IS SIDE SHOWN  DUCT WITH ACOUSTICAL LINING  FLEXIBLE DUCT CONNECTION  FLEXIBLE DUCT  DUCT SLOPE (UP OR DOWN)  TURNING VANES  DUCT STATIC PRESSURE SENSOR  MOTORIZED DAMPER  DIRECTION OF AIR FLOW  HOT WATER RADIATION, SHADED AREA INDICATES ACTIVE ELEMENT  PIPE ELBOW (UP & DN)  TAKEOFF FROM TOP OF MAIN PIPE  TAKEOFF FROM BOTTOM OF MAIN PIPE  POINT OF CONNECTION  EXTENT OF DEMOLITION  3-WAY VALVE PNEUMATIC  3-WAY VALVE PNEUMATIC  3-WAY VALVE MOTORIZED  ANNOTATION TAGS AND NOMENCLATURE  MECHANICAL EQUIPMENT CROSS REFERENCE  NOTE SYMBOL  REVISION SYMBOL  ROOM NUMBERS  TOP NUMBER DESIGNATES SECTION, BOTTOM NUMBER DESIGNATES SHEET ON WHICH SECTION IS LOCATED		 CHWS - CHILLED WATER SUPPLY  CHWR - CHILLED WATER RETURN  HWS - HOT WATER SUPPLY  HWR - HOT WATER RETURN  CS - CONDENSER WATER SUPPLY  CR - CONDENSER WATER RETURN  CAPPED END OF PIPE  DIRECTION OF FLUID FLOW  PIPE ANCHOR  REDUCER  VENTURI FLOW METER  PIPE GUIDES  FLANGES  UNION  BALL VALVE  BALL VALVE MOTOR ACTUATED  BUTTERFLY VALVE  BUTTERFLY VALVE PNEUMATIC  BUTTERFLY VALVE MOTOR ACTUATED  GATE VALVE  GATE VALVE MOTOR ACTIVATED  GLOBE VALVE  GLOBE VALVE PNEUMATIC  GLOBE VALVE MOTOR ACTUATED  CALIBRATED BALANCING VALVE  AUTOMATIC FLOW CONTROL VALVE  CHECK VALVE  TWO-WAY CONTROL VALVE  THREE-WAY CONTROL VALVE  PRESSURE REDUCING VALVE  PRESSURE RELIEF VALVE  DRAIN VALVE  AIR VENT (MANUAL OR AUTOMATIC)  BACKFLOW PREVENTER  FLEXIBLE CONNECTOR  FLOW SENSOR  THERMOMETER  TEMPERATURE SENSOR IN IMMERSIBLE WELL  PRESSURE GAUGE WITH SHUT-OFF COCK  STRAINER WITH BLOW-DOWN VALVE  PRESSURE AND TEMPERATURE TEST PORT		ACU AIR CONDITIONING UNIT AD ACCESS DOOR AFF ABOVE FINISHED FLOOR AHU AIR HANDLING UNIT AMB AMBIENT AMP AMPERE APD AIR PRESSURE DROP APPROX APPROXIMATE AVG AVERAGE AS AIR SCOOP BDD BACKDRAFT DAMPER BHP BRAKE HORSEPOWER BTU/H BRITISH THERMAL UNIT/HOUR CAP CAPACITY CFM CUBIC FEET PER MINUTE COND CONDENSOR CP CONDENSATE PUMP CUH CABINET UNIT HEATER CC COOLING COIL D/DIA DIAMETER DB DRY BULB TEMPERATURE (E) EXISTING EA EACH EAT ENTERING AIR TEMPERATURE EDB ENTERING DRY BULB EFF EFFICIENCY ELECT ELECTRICAL ELEV ELEVATION ESP EXTERNAL STATIC PRESSURE ET EXPANSION TANK EWB ENTERING WET BULB EWT ENTERING WATER TEMPERATURE EXH EXHAUST FACP FIRE ALARM CONTROL PANEL FPM FEET PER MINUTE FT FEET OR FOOT GPM GALLONS PER MINUTE HC HEATING COIL H/C HEATING/ COOLING HP HORSEPOWER HWR HOT WATER RETURN HWS HOT WATER SUPPLY HX HEAT EXCHANGER IN INCHES INWG INCHES OF WATER GAUGE INWC INCHES OF WATER COLUMN LAT LEAVING AIR TEMPERATURE LWT LEAVING WATER TEMPERATURE MAX MAXIMUM MBT BTU'S PER HOUR (THOUSAND) MD MOTORIZED DAMPER MFR MANUFACTURER MIN MINIMUM MVD MANUAL VOLUME DAMPER NA NOT APPLICABLE NIC NOT IN CONTRACT NC NORMALLY CLOSED NO NORMALLY OPENED NOM NOMINAL NTS NOT TO SCALE OA OUTSIDE AIR OBD OPPOSED BLADE DAMPER PD PRESSURE DROP PSI POUNDS/ SQUARE INCH RA RETURN AIR RH RELATIVE HUMIDITY RT ROOFTOP UNIT SA SUPPLY AIR SFD SMOKE FIRE DAMPER SP STATIC PRESSURE SPEC SPECIFICATIONS SL SEA LEVEL SQ SQUARE SS STAINLESS STEEL TCP TEMPERATURE CONTROL PANEL TEMP TEMPERATURE TSP TOTAL STATIC PRESSURE TSTAT THERMOSTAT UH UNIT HEATER VAV VARIABLE AIR VOLUME VEL VELOCITY VFD VARIABLE FREQUENCY DRIVE WB WET BULB WPD WATER PRESSURE DROP WMS WIRE MESH SCREEN DIFFUSER/REGISTER/ GRILLE TYPE CFM QUANTITY THROW BLANK=4-WAY 3W=3-WAY 2WO=2-WAY OPPOSED 2WC=2-WAY CORNER 1W=1-WAY D1 300(2WO) AIR DEVICE CALLOUT TAG NO SCALE	

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