

## 9

P.C.

PD

| PDT

PFB

PHC

PRV

PSIA

PVC

I RA

R/A

RAT

RCP

RD

RE

RED

REV

REG

RH

RHC

RLA

RS

RSD

RTD

RTU

| SA

SAT

SD

SF S.F.

SFB

SMD

SPK

SQ

SS

STL

STR

TOD

TOT

TSP

TTJ

TYP

UG

VAV

VD

VFD

VOL

W

W/OUT

WB

WG

WCC

1 SV

RL

PSI

## **ABBREVIATIONS**

FCU

| FI A

FPI

FPB

| FPM

| FPS

FPT

FSD

lG

FLEX

FLTR

GALLONS | GAL G.C. GENERAL CONTRACTOR GFS GLYCOL FEED SYSTEM GLYR GLYCOL RETURN GLYS GLYCOL SUPPLY GPM GALLONS PER MINUT GPH GALLONS PER HOUR GRILLE GUH GAS UNIT HEATER GAS VENT

FAHRENHEIT

FAN COIL UNIT

FLOOR DRAIN

FIRE DAMPER

FILTER HOUSING

FULL LOAD AMPS

**FINAL FILTER** 

FLEXIBLE

FIRE PUMP

FINS PER INCH

FLOW SWITCH

FACE VELOCITY

FAN-POWERED BOX

FEET PER MINUTE

FEET PER SECOND

FEMALE PIPE THREAD

COMBINATION FIRE/SMOKE DAMPER

FILTER

FEET

H/HT

HEF

HG

HOA

HPC

HPV

HTG

l HVA

HVL

HWF

HWS

IEER

HP

Г	HEIGHT HYDROGEN HOSE BIBB HEATING COIL HEAD
ΡA	HIGH EFFICIENCY PARTICULATE AIR FILTER HUMIDIFIER STEAM DISPERSION GRID
4	HAND/OFF/AUTO HORSEPOWER
	HIGH PRESSURE CONDENSATE HIGH POINT VENT HOUR
5 .C S S S	HEATING HEATING, VENTILATING, AND AIR CONDITIONING HIGH-VOLUME LOW-SPEED FAN HEATING WATER RETURN HEATING WATER SUPPLY HEAT EXCHANGER HERTZ

INTAKE INSIDE DIAMETER INVERT ELEVATION INTEGRATED ENERGY EFFICIENCY RATIO INTAKE HOOD INCHE(S) INCREASE COMBUSTION AIR INTAKE VENT

KILOWATT KVA KILOVOLT AMPERE

_	LENGTH
_AT	LEAVING AIR TEMPERATURE
B	POUND(S)
DB	LEAVING DRY BULB TEMPERATURE
_FT	LEAVING FLUID TEMPERATURE
_RA	LOCKED ROTOR AMPS
_V	LOUVER
_VG	LEAVING
_WB	LEAVING WET BULB TEMPERATURE
_WT	LEAVING WATER TEMPERATURE

I V I	
М	MOTORIZED OPERATOR
MA	MAKEUP AIR UNIT
MAX	MAXIMUM
MBH	THOUSAND BTU/HOUR
M.C.	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT AMPS
MD	MOTORIZED DAMPER
MDU	MECHANICAL DEHUMIDIFICATION UNIT
MECH	MECHANICAL
MFG(R)	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MOCP	MAXIMUM OVER CURRENT PROTECTION
1	

OSHA

N/A	NOT APPLICABLE
N.C.	NORMALLY CLOSED
NC	NOISE CRITERIA
NG	NATURAL GAS
NIC	NOT IN CONTRACT
N.O.	NORMALLY OPEN
NO.	NUMBER
NOX	NITROGEN OXIDE
NPT	NOMINAL PIPE THREAD
NPSH	NET POSITIVE SUCTION HEAD
NPSHA	NET POSITIVE SUCTION HEAD AVAILABLE
NPSHR	NET POSITIVE SUCTION HEAD REQUIRED
NTS	NOT TO SCALE

03 OZONE OUTSIDE AIR OUTSIDE AIR TEMPERATURE I OAT OBD OPPOSED BLADE DAMPER OC ON CENTER OUTSIDE DIAMETER OD ODP OPEN DRIP PROOF

OUNCE

PUMP CONDENSATE PUMPED PLUMBING CONTRACTOR PRESSURE DROP STATION #: WMO 723425 PRESSURE DIFFERENTIAL TRANSMITTER PREFILTER PARALLEL FAN BOX PHASE PREHEAT COIL WINTER: 5°F DRY BULB PRESSURE INDICATOR **PIPING & INSTRUMENTATION DIAGRAM** P&ID PLBG PLUMBING POC POINT OF CONNECTION POD POINT OF DEMOLITION PARTS PER MILLION PPM PROP PROPELLER PRESSURE REDUCING VALVE POUND PER SQUARE INCH POUND PER SQUARE INCH ABSOLUTE PSIG POUND PER SQUARE INCH GAUGE PRESSURE TRANSMITTER POLYVINYL CHLORIDE **REGISTER/GRILLE RETURN AIR** RELIEF AIR RETURN AIR TEMPERATURE **REFLECTED CEILING PLAN RELIEF DAMPER REMOTE EVAPORATOR** REDUCE(D) REVISE(D)/REVISION REGISTER **RELATIVE HUMIDITY** REHEAT COIL REFRIGERATED LIQUID LINE RUNNING LOAD AMPS RPM ROTATIONS PER MINUTE REFRIGERATED SUCTION LINE **REGISTER/GRILLE SMOKE DETECTOR** REFRIGERANT DETECTOR ROOFTOP UNIT SUPPLY AIR SUPPLY AIR TEMPERATURE SHORT CIRCUIT CURRENT RATING SCCR SCFM STANDARD CUBIC FEET PER MINUTE AT SEA LEVEL CONDITIONS SMOKE DETECTOR SEER SEASONAL ENERGY EFFICIENCY RATIO SENS SENSIBLE SUPPLY FAN SAFETY FACTOR SERIES FAN BOX SHEET METAL & AIR CONDITIONING CONTRACTORS SMACNA NATIONAL ASSOCIATION SMOKE DAMPER SOO SEQUENCE OF OPERATION STATIC PRESSURE SPEC **SPECIFICATIONS** SPRINKLER SQUARE SQ FT/SF SQUARE FEET SQUARE INCHES SQ IN STAINLESS STEEL SSAU SPLIT SYSTEM AIR UNIT SSCU SPLIT SYSTEM CONDENSING UNIT STD STANDARD STEEL STRAINER STEAM VENT TRANSFER REGISTER TOTALLY ENCLOSED FAN COOLED TEFC TEMPERATURE TEMP TEV THERMAL EXPANSION VALVE TEMPERATURE GAUGE TOP OF DUCT TOP TOP OF PIPE TOTAL TEMPERATURE RISE TOTAL STATIC PRESSURE TTD TIGHT TO DECK TIGHT TO STRUCTURAL JOISTS TYPICAL UNDERGROUND

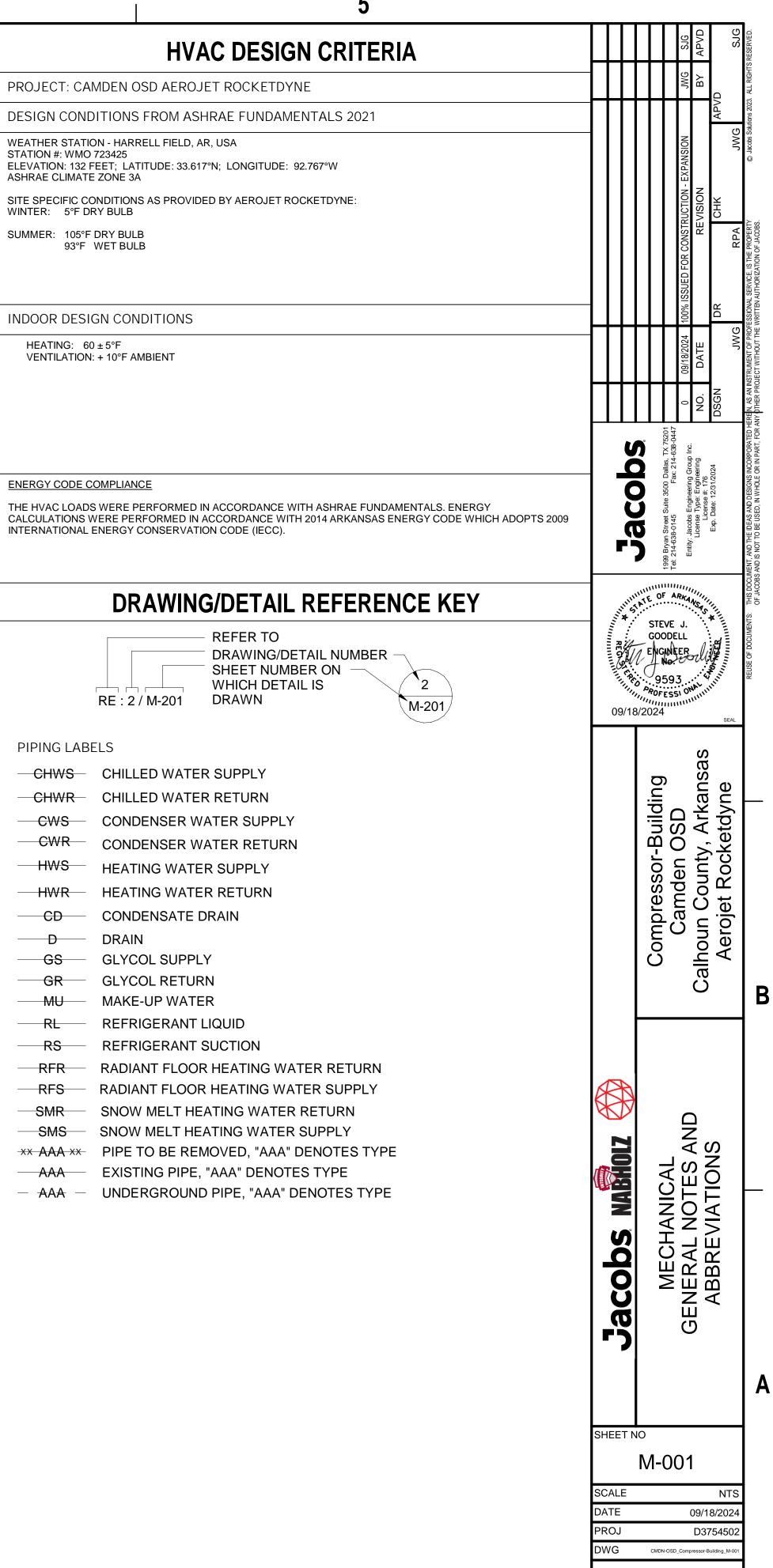
> VOLTS VARIABLE AIR VOLUME VOLUME DAMPER VARIABLE FREQUENCY DRIVE VOLUME

WIDTH WATTS WITH WITHOUT WET BULB WATER COOLED CHILLER WATER GAUGE

INDOOR DESIGN CONDITIONS HEATING:  $60 \pm 5^{\circ}F$ VENTILATION: + 10°F AMBIENT ENERGY CODE COMPLIANCE **PIPING LABELS** - CHWR-- HWS - HWR ----CD--— D DRAIN —\_\_\_\_MU\_\_ -RFS 

— AAA — AAA

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION



PLOT DATE/TIME: 9/17/2024 8:46:33 PM