

1

2

3

4

5

6

7

8

9

2

H4

DETAIL NUMBER

DRAWING NUMBER WHERE DRAWN

A

H7

SECTION LETTER

DRAWING NUMBER WHERE SHOWN

26-SF-3

26-TU-1-1

BUILDING NO. WHERE EQUIPMENT IS LOCATED.

EQUIPMENT ABBREVIATION (SUPPLY FAN)

SUPPLY FAN NO. 3 IN BUILDING NO. 26

TYPICAL UNIT NO.

BUILDING NO. WHERE EQUIPMENT IS LOCATED

ITEM (TERMINAL UNIT SHOWN)

ITEM NUMBER (TERMINAL UNIT NO. 1)

FLOOR NUMBER

UP

DN

SUPPLY DUCT (UP & DOWN)

UP

DN

EXHAUST DUCT (UP & DOWN)

UP

DN

RETURN DUCT (UP & DOWN)

ROUND AND SQUARE 4-WAY CEILING DIFFUSERS

SQUARE 3-WAY CEILING DIFFUSERS

SQUARE 2-WAY CEILING DIFFUSERS

SQUARE 1-WAY CEILING DIFFUSERS

LINEAR SLOT DIFFUSER

SUPPLY TOP REGISTER OR GRILLE (WALL TYPE)

EXHAUST OR RETURN CEILING REGISTER OR GRILLE

EXHAUST OR RETURN BOTTOM REGISTER OR GRILLE (WALL TYPE)

EXHAUST OR RETURN REGISTER OR TOP GRILLE (WALL TYPE)

INCLINED RISE, IN DIRECTION OF AIR FLOW

INCLINED DROP, IN DIRECTION OF AIR FLOW

FLEXIBLE CONNECTION, EQUIPMENT, VIBRATION, OR SEISMIC

VANED ELBOW (PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS WITH VANES EVEN IF SYMBOL IS MISSING)

VANED ELBOW (SHORT RADIUS)

STANDARD RADIUS ELBOW (LONG RADIUS)

NEW DUCT (INSIDE DIMENSIONS: WIDTH x DEPTH)

LOUVER (LOUVER SPECIFIED IN ARCHITECTURAL SECTION.)

FLEXIBLE DUCTWORK (INSULATED)

DUCT WITH SOUND LINING

DIRECTION OF FLOW

REDUCER OR INCREASER

TOP CONNECTION, 45° OR 90°

BOTTOM CONNECTION, 45° OR 90°

SIDE CONNECTION

CAPPED OUTLET

RISE OR DROP IN PIPE

UNION

PIPE UP

PIPE DOWN

THERMOMETER

PRESSURE GAGE

REFRIGERANT SIGHT GLASS

MANUAL VOLUME DAMPER

FIRE DAMPER

MOTOR OPERATED DAMPER

BACK DRAFT DAMPER

STANDARD BRANCH SUPPLY OR RETURN, NO SPLITTER (45° TAP)

UNIT HEATER (HORIZONTAL)

UNDER CUT DOOR

ACC

ACCU

ACU

AD

AF

AFF

AHU

AMP

AP

APD

ASME

BFP

BHP

BR

BTU

BTUH

CC

CCD

CD

CFM

CG

CM

CO

CO2

COP

CP

CR

CU

CW

D

D-1

D-2

D-3

DB

D_b

DDC

DEG

DF

DIA

DP

DPS

DX

DXCC

EA

EAT

ECU

EER

EF

EG

EH

ENT

ER

ERC

ESP

EUH

EWT

EX.

F

F&T

F/SDPR

FC

FD

FF

FM

FPM

FS

FSTAT

FT

FT-LB

FV

GA

GAL

GPM

H&CW

HAC

HB

HC

HOA

HP

HP

HR

HSTAT

HW

HZ

I/O

IAQ

ID

IN

IN WC

INLET VANES

KPA

KW

KWH

LAT

LBS/HR

LF

LH

LSD

LVG

LVR

LWT

MAV

MAX

MBH

MCA

AMPACITY

MER

MERV

VALUE

MHP

MIN

MOD

MOV

MTD

MVD

NA

NC

NC

NO

NOM

NPSH

NTS

OA

OAG

OAI

OD

P

PC

PD

PF

PG

PHC

PPM

PSI

RA

RAT

RF

RG

RH

RHC

RHG

RL

RLA

RPM

RR

RS

RTU

RV

SA

SAD

SAT

SC

SD

SD

SDR

SDS

SEN

SF

SG

SI

SP

SP GR

SPS

SQ FT

SR

SS

TAB

TD

TG

TP

TSP

TSTAT

TU

UC

UH

UL

V

VD

VFD

VHA

VI

VSD

W

WB

SUPPLY AIR

SOUND ATTENUATING DEVICE

SUPPLY AIR TEMPERATURE

SHADING COEFFICIENT

SMOKE DETECTOR

SUPPLY AIR DIFFUSER

SMOKE DAMPER (RETURN)

SMOKE DAMPER (SUPPLY)

SENSIBLE HEAT

SUPPLY FAN

SUPPLY AIR GRILLE

SQUARE INCHES

STATIC PRESSURE

SPECIFIC GRAVITY

STATIC PRESSURE SENSOR

SQUARE FOOT (FEET)

SUPPLY AIR REGISTER

STAINLESS STEEL

TESTING, ADJUSTING, BALANCE

TEMPERATURE DIFFERENCE

TRANSFER GRILLE

TRAP

TOTAL STATIC PRESSURE

THERMOSTAT

TERMINAL UNIT

UNDER CUT

UNIT HEATER

UNDERWRITERS LABORATORY

VALVE

VOLUME DAMPER (MANUAL OPPOSED BLADE)

VARIABLE FREQUENCY DRIVE

VETERANS HEALTH ADMINISTRATION

VIBRATION ISOLATOR

VARIABLE SPEED DRIVE

WATTS

WET-BULB (TEMPERATURE)

DRAWING SYMBOLS

DUCTWORK SYMBOLS

GENERAL PIPING SYMBOLS

ABBREVIATIONS

GENERAL NOTES

1

2

3

4

5

6

7

8

9

three inches = one foot

one and one half inches = one foot

one inch = one foot

three quarters inch = one foot

one half inch = one foot

one quarter inch = one foot

one eighth inch = one foot

2

0

4

8

16

one eighth inch = one foot

one quarter inch = one foot

one half inch = one foot

three quarters inch = one foot

one inch = one foot

one and one half inches = one foot

three inches = one foot

CONSULTANTS

Revisions:

9/24/2013

Date

ARCHITECT/ ENGINEERS

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Drawing Title

MECHANICAL LEGENDS,
SYMBOLS & ABBREVS

Approved: Project Director

Project Title

VA Erie Parking Structure

Location
Erie, PA

Date
9/24/2013

Project Number

11159.00

Building Number

Drawing Number

M001

Checked

SCS

Drawn

CJW

Office of
Construction
and Facilities
Management

Department of
Veterans Affairs

FINAL SUBMISSION

Scale: