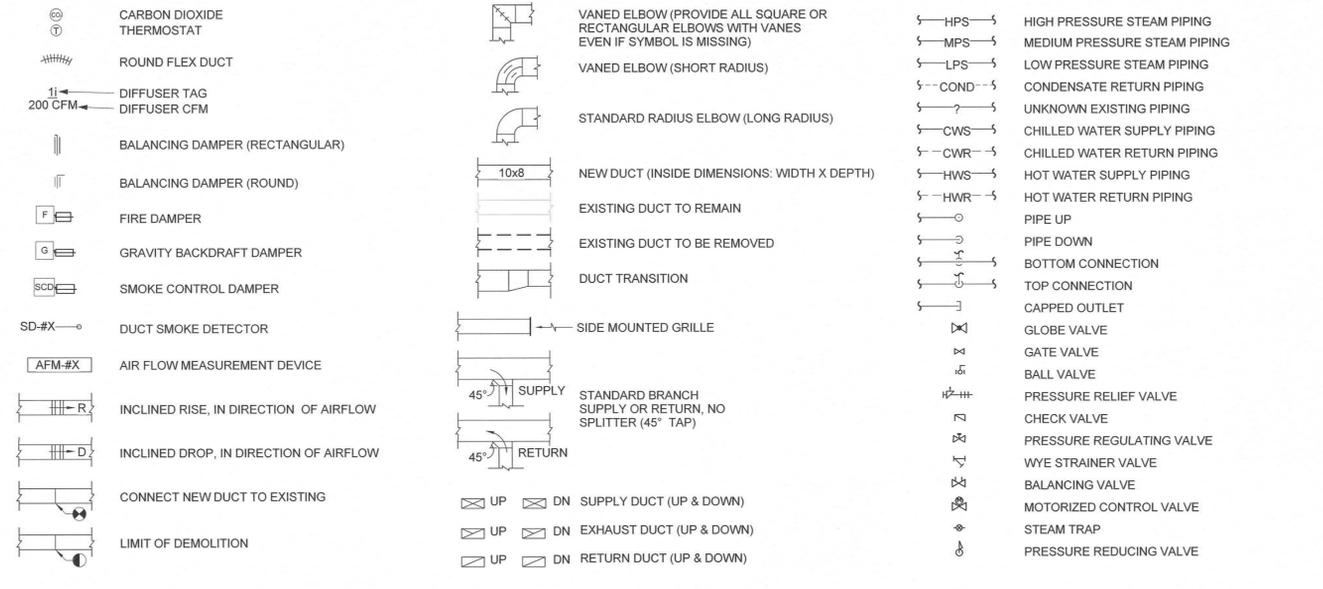


ABBREVIATIONS

A/E	ARCHITECT / ENGINEER	I/O	INPUT/OUTPUT
AAHX	AIR TO AIR HEAT EXCHANGER	IAQ	INDOOR AIR QUALITY
ACCH	AIR COOLED CHILLER	ICU	INTENSIVE CARE UNIT
ACRCU	AIR-COOLED RECIPROCATING CHILLER UNIT	IFB	INTEGRAL FACE AND BYPASS
AD	ACCESS DOOR	IN	INCHES
AF	AFTER FILTER	IN WG	INCH WATER GAUGE
AFCV	AIR FLOW CONTROL VALVE	IN-LB	INCH-POUND
AFMD	AIR FLOW MEASURING DEVICE	IPLV	INTEGRATED PART LOAD VALUE
AHU	AIR-HANDLING UNIT		
AMP	AMPERE	KW	KILOWATT
APD	AIR PRESSURE DROP	kWh	KILOWATT HOUR
ARI	AIR CONDITIONING AND REFRIGERATION INSTITUTE		
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	LAT	LEAVING AIR TEMPERATURE
		LBS/HR	POUNDS PER HOUR
BDD	BACKDRAFT DAMPER	LH	LATENT HEAT
BHP	BRAKE HORSEPOWER	LPR	LOW PRESSURE RETURN (STEAM CONDENSATE)
BTU	BRITISH THERMAL UNIT	LPS	LOW PRESSURE STEAM
BTUH	BRITISH THERMAL UNIT PER HOUR	LV	LOUVER
		LVG	LEAVING
CC	COOLING COIL	LWT	LEAVING WATER TEMPERATURE
CCD	COOLING COIL CONDENSATE DRAIN		
CENT	CENTRIFUGAL	MBH	1000 BTUH
CFM	CUBIC FEET PER MINUTE	MCA	MINIMUM BRANCH CIRCUIT AMPACITY
CFT	CUBIC FEET	MER	MECHANICAL EQUIPMENT ROOM
CH	CHILLER	MERV	MINIMUM EFFICIENCY REPORTING VALUE
CHW	CHILLER WATER	MO	MOTOR OPERATED
CHR	CHILLED WATER RETURN	MPR	MEDIUM PRESSURE RETURN (STEAM CONDENSATE)
CHS	CHILLED WATER SUPPLY	MPS	MEDIUM PRESSURE STEAM
CI	CAST IRON		
CO	CLEAN OUT	N/A	NOT APPLICABLE
COP	COEFFICIENT OF PERFORMANCE	NC	NOISE CRITERIA
CP	CONDENSATE PUMP	NC	NORMALLY CLOSED
CSG	CLEAN STEAM GENERATOR	NO	NORMALLY OPEN
CV	CONSTANT VOLUME	NPLV	NON-STANDARD PART LOAD VALUE
CW	COLD WATER (POTABLE)	NTS	NOT TO SCALE
CWCC	CHILLED WATER COOLING COIL		
		OA	OUTSIDE AIR
D	DAMPER - AUTOMATIC	PC	PUMPED CONDENSATE
D-1	OUTDOOR AIR DAMPER	PCF	POUNDS PER CUBIC FOOT (FEET)
D-2	RETURN AIR DAMPER	PD	PRESSURE DROP
D-3	RELIEF AIR DAMPER	PF	PRE-FILTER
DB	DECIBELS	PG	PRESSURE GAGE
DB	DRY-BULB TEMPERATURE	PHC	PREHEAT COIL
DDC	DIRECT DIGITAL CONTROLS	PRV	PRESSURE REGULATING VALVE
DEG	DEGREE	PSI	POUNDS PER SQUARE INCH
DF	DIFFUSER		
DP	DEW POINT	R/E	RETURN OR EXHAUST
DPA	DIFFERENTIAL PRESSURE ASSEMBLY	RA	RETURN AIR
DPS	DIFFERENTIAL PRESSURE SENSOR	RAT	RETURN AIR TEMPERATURE
		RDS	ROOM DATA SHEETS
EA	EXHAUST AIR	REA	RELIEF AIR
EAT	ENTERING AIR TEMPERATURE	RF	RETURN FAN
EER	ENERGY EFFICIENCY RATIO	RH	RELATIVE HUMIDITY
EF	EXHAUST FAN	RHC	REHEAT COIL
EH	EXHAUST HOOD	RLA	RUN LOAD AMPERE
ENT	ENTERING	RPM	REVOLUTIONS PER MINUTE
ESP	EXTERNAL STATIC PRESSURE		
EWT	ENTERING WATER TEMPERATURE	SA	SUPPLY AIR
EX	EXISTING	SAT	SUPPLY AIR TEMPERATURE
		SCD	SMOKE CONTROL DAMPER
F	FAHRENHEIT	SD	SMOKE DAMPER
F&T	FLOAT AND THERMOSTATIC	SD	SMOKE DETECTOR
FA	FREE AREA	SEN	SENSIBLE HEAT
FC	FLEXIBLE CONNECTION	SF	SUPPLY FAN
FCW	FORWARD CURVED WHEEL (FAN)	SH	STEAM HUMIDIFIER
FD	FIRE DAMPER	SHC	STEAM HEATING COIL
FF	FINAL FILTER	SI	SQUARE INCHES
FM	FLOW METER	SP	STATIC PRESSURE
FFM	FEET PER MINUTE	SPRV	STEAM PRESSURE REDUCING VALVE
FS	FLOW SWITCH	SPS	STATIC PRESSURE SENSOR
FSTAT	FREEZE STAT	SQ FT	SQUARE FOOT (FEET)
FT	FEET	SS	STAINLESS STEEL
FT-LB	FOOT-POUND	ST	STEAM TRAP
FV	FACE VELOCITY	SV	STEAM PRESSURE REDUCING VALVE
GH	GRAVITY HOOD	TAB	TESTING, ADJUSTING, BALANCE
GPM	GALLONS PER MINUTE	TP	TRAP
		TSP	TOTAL STATIC PRESSURE
H	HUMIDIFIER	TSTAT	THERMOSTAT
HC	HEATING COIL		
HD	HEAD	UL	UNDERWRITERS LABORATORY
HD	HOOD	V	VALVE
HOA	HAND/OFF/AUTOMATIC	VAV	VARIABLE AIR VOLUME
HP	HORSEPOWER	VD	VOLUME DAMPER
HPDT	HIGH PRESSURE DRIP TRAP	VFD	VARIABLE FREQUENCY DRIVE
HPR	HIGH PRESSURE RETURN (STEAM CONDENSATE)	VHA	VETERANS HEALTH ADMINISTRATION
HPS	HIGH PRESSURE SUPPLY (STEAM)	VI	VIBRATION ISOLATOR
HSTAT	HUMIDISTAT	VSMC	VARIABLE SPEED MOTOR CONTROL
HW	HOT WATER		
HWC	HOT WATER COIL	W	WATTS
HWHC	HOT WATER HEATING COIL	Wb	WET-BULB (TEMPERATURE)
HWP	HEATING HOT WATER PUMP	WG	WATER GAGE
HWR	HEATING HOT WATER RETURN		
HWS	HEATING HOT WATER SUPPLY	YR	YEAR
HX	HEAT EXCHANGER		
HZ	HERTZ		

MECHANICAL LEGEND



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
 three eighths inch = one foot
 one quarter inch = one foot
 three sixteenths inch = one foot
 one eighth inch = one foot

100% CONSTRUCTION DOCUMENTS

Amended Per Owner's Comments No Rev Clouds 10/17/2014 Revisions Date	CONSULTANTS:		PROJECT MANAGER: Raleigh, NC Indianapolis, IN Philadelphia, PA Fort Collins, CO Virginia Beach, VA (919) 858-7420 www.acg-pa.com NC License # C-1848	Project Number 2013121	Scale N.T.S.	Drawing Title MECHANICAL ABBREVIATIONS AND LEGEND	Project Title REPLACE AIR HANDLING UNITS 3, 14, & 34	VA Project Number 246-13-C-0106	Office of Facilities Management
	Approved: Project Director	Location 2300 RAMSEY STREET, FAYETTEVILLE, NC 28301	Building Number 1 AND 3	Drawing Number M-002	Date 08/28/2014	Checked Drawn	Dwg. 5 of 18	Department of Veterans Affairs	