MECHANICAL ABBREVIATIONS (NOT ALL APPLY)

A/E	ARCHITECT / ENGINEER
AB	AIR BLENDER
AAV	AUTOMATIC AIR VENT
ACC	IR COOLED CONDENSER
ACCH	AIR COOLED CHILLER
ACCU	AIR–COOLED CONDENSING UNIT
ACU	AIR CONDITIONING UNIT
AD	ACCESS DOOR
AF	AFTER FILTER
AFCV	AIR FLOW CONTROL VALVE
AFF	ABOVE FINISHED FLOOR
AFMD	AIR FLOW MEASURING DEVICE
AHU	AIR HANDLING UNIT
AMP	AMPERE
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
ARI	AIR CONDITIONING AND REFRIGERATION INSTITUTE
AS	AIR SEPARATOR
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ATU	AIR TERMINAL UNIT
B	BOILER
BAS	BUILDING AUTOMATION SYSTEM
BCN	BUILDING CONTROL NETWORK
BCU	BUILDING CONTROL UNIT
BD	BUTTERFLY DAMPER
BDD	BACKDRAFT DAMPER
BHP	BRAKE HORSEPOWER
BSC	BIOLOGICAL SAFETY CABINET
BSL	BIOSAFETY LEVEL (CDC DEFINED)
BTU	BRITISH THERMAL UNIT
BTUH	BTU PER HOUR
CC	COOLING COIL
CD	CEILING DIFFUSER
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CFT	CUBIC FEET
CH	CHILLER
CHWP	CHILLED WATER PUMP
CHW	CHILLER WATER
CHR	CHILLED WATER RETURN
CHS	CHILLED WATER SUPPLY
CO2	CARBON DIOXIDE ELEMENT
COP	COEFFICIENT OF PERFORMANCE
CP	CONDENSATE PUMP
CR	CONTROL RELAY
CT	CURRENT TRANSFORMER
CU	CONDENSING UNIT
CUH	CABINET UNIT HEATER
CV	CONSTANT VOLUME
CWP	CONDENSER WATER PUMP
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY

DBA	DECIBELS (A–WEIGHTED)
DB	DRY–BULB TEMPERATURE
DDC	DIRECT DIGITAL CONTROL
DEG	DEGREES
DEG FDB	DEGREES FAHRENHEIT DRY–BULB
DEG FDP	DEGREES FAHRENHEIT DEW–POINT
DEG FWB	DEGREES FAHRENHEIT WET–BULB
DPS	DIFFERENTIAL PRESSURE SWITCH
DX	DIRECT EXPANSION
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
ECC	ENGINEERING CONTROL CENTER
EDH	ELECTRIC DUCT HEATER
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
EJ	EXPANSION JOINT
EMD	END OF MAIN DRIP (STEAM)
ES	END SWITCH
ESP	EXTERNAL STATIC PRESSURE
ET	EXPANSION TANK
EUH	ELECTRIC UNIT HEATER
EWT	ENTERING WATER TEMPERATURE
F&T	FLOAT AND THERMOSTATIC
F/S	COMBINATION FIRE SMOKE DAMPER
FA	FREE AREA
FC	FLEXIBLE CONNECTION
FCU	FAN COIL UNIT
FD	FLOOR DRAIN
FD	FIRE DAMPER
FE	FLOW ELEMENT
FEV	FUME EXHAUST AIR VALVE
FEX	FUME EXHAUST AIR
FF	FINAL FILTER
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FPTU	FAN POWERED TERMINAL UNIT
FRP	FIBER REINFORCED POLYESTER
FS	FLOW SWITCH
FT	FEET
FT–LB	FOOT–POUND
FTR	FIN TUBE RADIATION
FV	FACE VELOCITY

GA	GAUGE
GAL	GALLONS
GEV	GENERAL EXHAUST AIR VALVE
GEX	GENERAL EXHAUST AIR
GH	GRAVITY HOOD
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HOA	HAND/OFF/AUTOMATIC SWITCH
HHW	HEATING HOT WATER
HP	HEAT PUMP
HP	HORSEPOWER
HTC	HIGH TEMPERATURE CONDENSATE
HPS	HIGH PRESSURE STEAM
HRW	HEAT RECOVERY WHEEL
HVU	HEATING AND VENTILATING UNIT
HW	HOT WATER
HWP	HEATING HOT WATER PUMP
HWR	HEATING HOT WATER RETURN
HWS	HEATING HOT WATER SUPPLY
HX	HEAT EXCHANGER
HZ	HERTZ (CYCLE PER SECOND)
I/O	INPUT/OUTPUT
IAQ	INDOOR AIR QUALITY
ID	INSIDE DIAMETER
IFB	INTEGRAL FACE AND BYPASS
IN	INCHES
IN HG	INCHES OF MERCURY
IN WC	INCH WATER COLUMN
IN WG	INCH WATER GAUGE
IN–LB	INCH–POUND
IP	INTERNET PROTOCOL
IPLV	INTEGRATED PART LOAD VALUE
KG	KILOGRAM
KG/HR	KILOGRAM PER HOUR
KPA	KILOPASCAL
KW	KILOWATT
KWH	KILOWATT HOUR
LAT	LEAVING AIR TEMPERATURE
LBS/HR	POUNDS PER HOUR
LF	LINEAR FOOT (FEET)
LPG	LIQUID PROPANE GAS
LPS	LOW PRESSURE STEAM
LVG	LEAVING
LVR	LOUVER
LWT	LEAVING WATER TEMPERATURE

M	METER, SI UNIT
M/s	METERS PER SECOND
MA	MIXED AIR
MAT	MIXED AIR TEMPERATURE
MAU	MAKE–UP AIR UNIT
MAV	MANUAL AIR VENT
MAX	MAXIMUM
MBH	1000 BTUH
MCA	MINIMUM CIRCUIT AMPACITY
ME	MOISTURE ELEMENT (RELATIVE HUMIDITY, DEW POINT, ETC.)
MER	MECHANICAL EQUIPMENT ROOM
MERV	MINIMUM EFFICIENCY REPORTING VALUE
MIN	MINIMUM
MM	MILLIMETER
MPS	MEDIUM PRESSURE STEAM
MVD	MANUAL VOLUME DAMPER
NA	NOT APPLICABLE
NC	NOISE CRITERIA
NC	NORMALLY CLOSED
NG	NATURAL GAS
NO	NORMALLY OPEN
NPSH	NET POSITIVE SUCTION HEAD
NTS	NOT TO SCALE
OA	OUTDOOR AIR
OD	OUTSIDE DIAMETER
OR	OPERATING ROOM
P	PUMP
PCF	POUNDS PER CUBIC FOOT (FEET)
PD	PRESSURE DROP
PDT	PRESSURE DIFFERENTIAL TRANSDUCER
PF	PRE–FILTER
PHC	PREHEAT COIL
PI	PRESSURE INDICATOR (GAUGE)
PPM	PARTS PER MILLION
PRS	PRESSURE REGULATING STATION
PRV	PRESSURE REGULATING VALVE
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH – ABSOLUTE
PSIG	POUNDS PER SQUARE INCH – GAGE
PTAC	PACKAGED TERMINAL AIR CONDITIONER

RA	RETURN AIR
RAT	RETURN AIR TEMPERATURE
RF	RETURN FAN
RG	RETURN GRILLE
RH	RELATIVE HUMIDITY
RHC	REHEAT COIL
RLA	RUN LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
RTU	ROOF TOP UNIT
RV	RELIEF VALVE
SA	SUPPLY AIR
SAD	SOUND ATTENUATING DEVICE
SAT	SUPPLY AIR TEMPERATURE
SAV	SUPPLY AIR VALVE
SC	SHADING COEFFICIENT
SCFM	STANDARD CUBIC FEET PER MINUTE
SCR	SILICON CONTROLLED RECTIFIER
SD	SMOKE DETECTOR
SD	SUPPLY AIR DIFFUSER
SF	SUPPLY FAN
SG	SUPPLY AIR GRILLE
SLC	SYSTEM LEVEL CONTROLLER
SP	STATIC PRESSURE
SP GR	SPECIFIC GRAVITY
SPS	STATIC PRESSURE SENSOR
SQ FT	SQUARE FOOT (FEET)
SR	SUPPLY AIR REGISTER
SS	STAINLESS STEEL
TAB	TESTING, ADJUSTING, BALANCING
TDH	TOTAL DYNAMIC HEAD
TDS	TOTAL DISSOLVED SOLIDS
TE	TEMPERATURE ELEMENT
TG	TRANSFER GRILLE
TI	TEMPERATURE INDICATOR (THERMOMETER)
TLC	TERMINAL LEVEL CONTROLLER
TSP	TOTAL STATIC PRESSURE
TSTAT	THERMOSTAT

UC	UNDER CUT
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORY
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
VHA	VETERANS HEALTH ADMINISTRATION
VPF	VARIABLE PRIMARY FLOW
W	WATTS
WF	WATER FILTER
WG	WATER GAGE
WPD	WATER SIDE PRESSURE DROP
YR	YEAR
ZC	ZONE CONTROLLER

FINAL DESIGN

APPROVED FOR CONSTRUCTION

Revisions:	Date

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Drawing Title: MECHANICAL ABBREVIATIONS

Approved: Project Director

Project Title: RENOVATE WARD 3C FOR CARDIOLOGY EQUIPMENT INSTALLATION

Location: GAINESVILLE, FLORIDA

Date: MARCH 9, 2018 | Checked: MGH | Drawn: MGH

Project Number: 573-CSI-102

Building Number: 1

Drawing Number: MH001

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Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08–6231