

CSU FACILITIES PLANNING, DESIGN AND CONSTRUCTION STANDARDS

ADDITIONAL DOCUMENTS

ABBREVIATIONS

AATCC	American Association of Textile Chemists & Colorists
A/E	Architect/Engineer
AABC	Association Air Balance Council
ABB	Asea Brown Boveri
ABS	Acrylonitrile Butadiene Styrene
ACH	Air Changes per Hour
ACI	American Concrete Institute
ACM	Asbestos Containing Materials
ACNS	Academic Computing and Networking Services
ADA	Americans with Disabilities Act
AED	Automated External Defibrillator
AFF	Above Finished Floor
AIA	American Institute of Architects
AIHA	American Industrial Hygienist Association
AISC	American Institute of Steel Construction
AITC	American Institute of Timber Construction
ALCC	Association of Landscape Contractors of Colorado
AMCA	Air Movement and Control Association
AMI	Advanced Metering Infrastructure
AMRL	AASHTO Materials Reference Laboratory
ANSI	American National Standard Institute
ARI	American Refrigeration Institute
ASHRAE	American Society of Heating, Refrigeration & Air Conditioning Engineers
ASME	American Society of Mechanical Engineers
ASNT	American Society for Nondestructive Testing
ASTM	American Society for Testing & Materials
AWG	American Wire Gauge
AWS	American Welding Society
AWWA	American Water Works Association
BAS	Building Automation System
BCSI	Building Component Safety Information
BIA	Brick Institute of America
BIM	Building Information Modeling
BIR	Building Inspection Record
BOG	Board of Governors
BTU	British Thermal Units
BTUH	British Thermal Units per Hour
CAD	Computer Aided Drafting
CAR	Corrective Action Report
CAS	Card Access System
CC	Center of Tree Center
CCHE	Colorado Commission on Higher Education
CCR	Code of Colorado Regulations
CCRL	Cement and Concrete Reference Laboratory
CDC	Center for Disease Control
CDLE	Colorado Department of Labor and Employment
CDSR	Contract Data Submittal Report
CDPHE	Colorado Department of Public Health & Environment
CE	Center of Tree Edge
CF/cf	Cubic Feet
CFC	Chlorofluorocarbon
CFM/cfm	Cubic Feet per Minute

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CHW.....	Chilled Water
COB.....	Change Order Bulletin
CPM.....	Critical Path Method
CQC.....	Contractor Quality Control
CRI.....	Color Rendering Index
CRS.....	Colorado Revised Statutes
CSA.....	Canadian Standards Association
CSI.....	Construction Specification Institute
CSU.....	Colorado State University
CSUPD.....	Colorado State University Police Department
dB.....	Decibels
DC.....	Direct Current
DDC.....	Direct Digital Control
DI.....	Deionized Water
DIP.....	Ductile Iron Pipe
DOT.....	Department of Transportation
DRC.....	Design Review Committee
DV/DT.....	Differential Voltage / Differential Time
DWG.....	Drawing (AutoCAD format)
ECM.....	Electrically Commutated Motor
EE.....	Edge of Tree to Edge
EFCO.....	Emergency Field Change Order
EHS.....	Environmental Health Services
EMI.....	Electrical Magnetic Interference
EMT.....	Electrical Metallic Tubing
ENT.....	Electrical Nonmetallic Tubing
EOL.....	End of Line Resistor
EPD.....	Environmental Product Declarations
EPDM.....	Ethylene Propylene Diene Monomer
EPA.....	Environmental Protection Agency
F.....	Fahrenheit
FACP.....	Fire Alarm Control Panel
FACU.....	Fire Alarm Control Unit
FAS.....	Fire Alarm System
FM.....	Facilities Management
FPM.....	Feet per Minute
FR.....	Flame Retardant
FRP.....	Fiberglass Reinforced Plastic
FT/ft'.....	Feet
GAL.....	Gallon
GCC.....	General Conditions of Contract
GE.....	General Electric
GFCI.....	Ground Fault Circuit Interrupter
GFI.....	General Fault Indicator
GIS.....	Geographic Information System
GPM.....	Gallons per Minute
GSF.....	Gross Square Feet
HBRB.....	Historic Building Review Board
HDS.....	Housing and Dining Services/Facilities
HHS.....	Health and Human Services
HM.....	Hollow Metal
HP/hp.....	Horse Power
HR/hr.....	Hour
HVAC.....	Heating, Ventilating & Air Conditioning

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HZ.....	Hertz
IA.....	Irrigation Association
IAPMO.....	International Association of Plumbing & Mechanical Officials
ICC.....	International Code Council
IDC.....	Indicating Device Circuits
IDF.....	Intermediate Distribution Frame
IECC.....	International Energy Conservation Code
IEEE.....	Institute of Electrical & Electronic Engineers
IES.....	Illuminating Engineering Society
IFC.....	International Fire Code
IGBT.....	Insulated Gate Bipolar Transistor
IN/in".....	Inch
IPVCC.....	Inclusive Physical and Virtual Campus Committee
ISO.....	International Organization for Standardization
JCI.....	Johnson Control, Inc.
kW.....	Kilowatt
kWh.....	Kilowatt Hour
LACS.....	Laboratory Air Control Systems
LBS.....	Pounds
LCD.....	Liquid Crystal Display
LED.....	Light Emitting Diode
LEED.....	Leadership in Energy and Environmental Design
LF/lf.....	Linear Foot
LIN.....	Linear
LPG.....	Liquid Petroleum Gas
LVT.....	Luxury Vinyl Tile
MBtu.....	Thousand British Thermal Units
MDF.....	Main Distribution Frame
MDP.....	Medium Density Industrial Particle Board
mils.....	One Thousandths of an Inch
MPC.....	Master Plan Committee
MRL.....	Machine Room–Less
MS.....	Microsoft
MSDS.....	Material Safety Data Sheet
MUTCD.....	Manual on Uniform Traffic Control Devices
NAC.....	Notification Appliance Circuits
NANSR.....	Non Attainment New Source Review
NASF.....	Net Assignable Square Feet
NCMA.....	National Concrete Masonry Association
NCR.....	Nonconformance Report
NCS.....	National CAD Standard
NEBB.....	National Environmental Balancing Bureau
NEC.....	National Electric Code
NEII.....	National Electrical Illumination Institute
NEMA.....	National Electrical Manufacturers Associations
NFPA.....	National Fire Protection Association
NICET.....	National Institute for Certification in Engineering Technologies
NIH.....	National Institute of Health
NIST.....	National Institute of Standards and Technology
NM.....	Non-Metallic
NM-C.....	Non-Metallic Cable
NRMCA.....	National Ready Mixed Concrete Association
NSF.....	National Sanitation Foundation
NTP.....	Notice to Proceed

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O&M	Operations & Maintenance
OAC	Owner, Architect and Contractor
OC/oc	On Center
OPS	Division of Oil and Public Safety
ORP	Oxidation-Reduction Potential
OSA	Office of the State Architect
OS&Y	Outside Stem and Yoke
OSHA	Occupational Safety & Health Administration
OZ	Ounce
PICV	Pressure Independent Control Valve
PC	Personal Computer
PCA	Portland Cement Association
PE	Polyethylene
PE	Professional Engineer
PFA	Poudre Fire Authority
PDC	Physical Development Committee
PDF	Portable Document Format
PSD	Prevention of Significant Deterioration
PSI	Pounds per Square Inch
PSIG	Pounds per Square Inch Gauge
PTS	Parking Transportation Services
PVC	Polyvinyl Chloride
QR	Quick Response
RAR	Remedial Action Request
RCP	Reinforced Concrete Pipe
RCV	Remote Control Valve
RFI	Radio Frequency Interference
RMI	Risk Management & Insurance
RMC	Rigid Metal Conduit
RPM	Revolutions per Minute
RS	Recommended Standard
SBP	State Buildings Program
SCR	Silicone Control Rectifiers
SCM	Stormwater Control Measures
SDI	Steel Door Institute
SEFA	Scientific Equipment and Furniture Association
SF/sf	Square Feet
SGC	Supplementary General Conditions
SIN	Sprinkler Information Number
SJI	Steel Joist Institute
SLC	Signaling Line Circuits
SMACNA	Sheet Metal and Air Conditioning Contractors National Association
SWP	Standard Working Pressure
TAB	Testing, Adjusting & Balancing
TCP	Traffic Control Plan
TFE	Teflon
THHN	Thermoplastic High Heat-resistant Nylon-coated
TPI	Truss Plate Institute
TPO	Thermoplastic Olefin
TSI	Thermal/Mechanical System Insulation
TVSS	Transient Voltage Surge Suppression
UAS	Unmanned Aircraft System
UF	Underground Feeder
UFC	Uniform Fire Code

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ADDITIONAL DOCUMENTS

- UHF Ultra High Frequency
- UL..... Underwriters Laboratory
- UPS Uninterruptible Power Supply
- USDA United States Department of Agriculture
- VAV Variable Air Volume
- VFD Variable Frequency Drive
- VPUO Vice President of University Operations
- W Watt
- WOG Water, Oil or Gas
- 2D..... Two Dimension
- 3D..... Three Dimension