

PART I – CSU FACILITIES PLANNING, DESIGN AND CONSTRUCTION STANDARDS

B – STANDARDS REVISION LOG

Revision Date	Document	Changes
2024.12.04	III–Division–22	Updates to 22 42 00 – Commercial Plumbing Fixtures Updates to formatting
2024.11.19	Details	Updates to M–17 – Chemical Pot/Coupon Rack Feeder Removal of M–2 – Leslie Water Heater Stand and M–18 – Expansion Tank
2024.11.19	Signage	Updates to Building Address signage
2024.11.19	III–Division–28	Updates to email address for FM Fire Systems
2024.11.19	III–Division–21	Updates to email address for FM Fire Systems
2024.09.27	III–Division–28	Updates to 28 10 00 – Access Control
2024.09.27	Details	Updates to A–1A – Double Door, A–1B – Double Door with Electric Strike, A–1C – Double Door with Electrical Strike and Card Reader, A–1D – Double Door with Electric Strike per Leaf, A–1E – Double Door with Electric Strike per Leaf and Card Reader, A–1F – Single Door, A–1G – Single Door with Electric Strike, A–1H – Single Door with Electric Strike and Card Reader, A–1I – Single Dutch Door with Electric Strike and Card Reader, A–1J – Sliding Door
2024.09.27	Signage	Updates to Building Address signage
2024.08.28	CSU Division 01 Template	Updates to 01 22 00 – Unit Prices
2024.08.09	Abbreviations	Updates to Abbreviations
2024.08.09	III–Division–32	Updates to 32 10 00 – Bases, Ballasts, and Paving Updates to 32 33 13 – Site Bicycle Racks Updates to formatting
2024.08.09	III–Division–22	Updates to 22 10 00 – Plumbing Piping, 22 11 00 – Facility Water Distribution, 22 13 00 – Facility Sanitary Sewerage, 22 14 00 – Facility Storm Drainage, 22 30 00 – Plumbing Equipment, 22 35 00 – Domestic Water Heat Exchangers, 22 42 00 – Commercial Plumbing Fixtures, 22 67 00 – Processed Water Systems for Laboratory and Healthcare Facilities Updates to formatting
2024.08.02	Abbreviations	Updates to Abbreviations
2024.08.02	II–Chapter–03	Updates to Telecom Standards website location. See Telecom Website for updates and list of specific revisions. Updates to formatting

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2024.08.02	III–Division–33	Updates to Telecom Standards website location. See Telecom Website for updates and list of specific revisions. Updates to formatting
2024.08.02	III–Division–32	Updates to 32 92 00 – Turf and Grasses Updates to formatting
2024.08.02	III–Division–27	Updates to Telecom Standards website location. See Telecom Website for updates and list of specific revisions. Updates to formatting
2024.07.16	III–Division–23	Updates to 23 00 00 – General Information, 23 08 00 – Commissioning of HVAC, 23 09 00 – Instrumentation and Control for HVAC, 23 11 00 – Facility Fuel Piping, 23 21 00 – Hydronic Piping and Pumps, 23 22 00 – Steam and Condensate Piping and Pumps, 23 23 00 – Refrigerant Piping, 23 34 00 – HVAC Fans, 23 51 00 – Breechings, Chimneys, and Stacks, 23 57 00 – Heat Exchangers for HVAC, 23 61 00 – Refrigerant Compressors, 23 72 00 – Air–to–Air Energy Recovery Equipment Updates to formatting
2024.07.12	III–Division–08	Updates to 08 71 13 – Automatic Door Operators Updates to formatting
2024.06.28	Abbreviations	Updates to Abbreviations
2024.06.28	Signage	Updates to Directions to Accessible Restrooms, Men's Restroom, and Women's Restroom signage
2024.06.28	II–Chapter–05	Updates to 500.1 – General Requirements
2024.06.28	III–Division–10	Updates to 10 14 00 – Signage Updates to formatting
2024.05.17	III–Division–08	Updates to 08 71 13 – Automatic Door Operators Updates to formatting
2024.05.10	Signage	Updates to Interior Directory signage
2024.05.10	Details	Replacement of U–3 – Chilled Water Metering Detail with U–3 – Building Water Service Meter & Backflow Detail Updates to U–4 – District Chilled Water Utility Metering Detail
2024.05.10	II–Chapter–06	Updates to 604.5 – Required Signage Updates to 617.1 – General Updates to 628.4 – Indoor Bicycle Parking References Updates to formatting
2024.05.03	III–Division–21	Updates to formatting

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2024.05.03	III–Division–10	Updates to 10 28 00 – Toilet, Bath and Laundry Accessories Updates to formatting
2024.05.03	II–Chapter–06	Updates to 608.3 – Requirements Updates to formatting
2024.03.04	III–Division–23	Updates to 23 52 00 – Heating Boilers
2024.03.04	Part IV	Updates to 01 41 00 – Regulatory Requirements Updates to formatting
2024.02.02	Maps	Updates to Maps – Lactation Room Locations, Reflection Room Locations, and Commuter Shower Room Locations
2024.02.02	Signage	Addition of Interior Directory signage
2024.02.02	II–Chapter–06	Updates to 604.1 – General, 604.2 – Location, 604.4 – Required Review, 605.1 – General, 605.2 – Location, 605.3 – Requirements, 605.4 – Required Review, 605.5 – Required Signage, 606.1 – General, 606.2 – Location, 606.3 – Requirements, 606.4 – Required Signage, 607.2 – Location, 607.4 – Required Review, 607.5 – Required Signage, 608.2 – Location, 608.3 – Requirements, 609.1 – General, 609.2 – Location, 609.4 – Required Review, 609.5 – Required Signage, 610.1 – General, 610.2 – Location, 610.4 – Required Review, 610.5 – Required Signage, 611.1 – General, 611.2 – Location, 611.4 – Required Review, 611.5 – Required Signage, 612.3 – Requirements, 612.4 – Required Review, and 612.5 – Required Signage Updates to formatting
2024.02.02	II–Chapter–05	Updates to 500.1 – General Requirements
2023.12.21	III–Division–26	Updates to 26 05 19 – Low Voltage Electrical Power Conductors and Cables Updates to formatting
2023.12.21	II–Chapter–05	Updates to 500.1 – General Requirements Updates to formatting
2023.12.21	Signage	Addition of Accessible Entrance – Decal, Accessible Entrance – Directional Sign, Automatic Door Operator – Directional Sign, and Interior Room Number signage
2023.09.21	III–Division–01	Updates to 01 80 00 – Performance Requirements Updates to formatting
2023.08.25	Signage	Updates to Adult Changing Table, All Gender Restroom, Baby Changing Table, Break Room, Commuter Shower, Directions to Accessible Restrooms, Indoor Bicycle Parking, Lactation Room, Men's Restroom, No Loud Noises, Reflection Room, and Women's Restroom signage
2023.06.20	CSU Division 01 Template	Updates to 01 11 00 – Summary of Work

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2023.05.05	Details	Updates to Mechanical Detail – M-35 – District Chilled Water Heat Exchanger Piping
2023.05.05	Abbreviations	Updates to abbreviations
2023.05.05	II–Chapter–04	Updates to 400.18 – Construction Document Numbering System – Tracking Number, 401.1 – Scope and Purpose, and 404.1 – General Requirements Updates to formatting
2023.05.05	II–Chapter–03	Updates to 304.1 – General Requirements and 305.1 – Contents Updates to formatting
2023.05.05	II–Chapter–01	Relocation of 106 – Building Keys into Division 01 – 01 31 00 – Project Management and Coordination Updates to formatting
2023.05.05	III–Division–22	Updates to 22 10 00 – Plumbing Piping, 22 11 00 – Facility Water Distribution, 22 13 00 – Facility Sanitary Sewerage, and 22 42 00 – Commercial Plumbing Fixtures Updates to formatting
2023.05.05	III–Division–02	Updates to 02 82 00 – Asbestos Remediation Updates to formatting
2023.05.05	III–Division–01	Creation of 01 31 00 – Project Management and Coordination with relocated information from Chapter 01 – 106 – Building Keys Updates to 01 35 00 – Special Procedures, 01 55 00 – Vehicular Access and Parking, and 01 78 23 – Operations and Maintenance Data Updates to formatting
2023.01.12	Details	Addition of Mechanical Detail – M-35 – District Chilled Water Heat Exchanger Piping
2023.01.11	Abbreviations	Updates to abbreviations
2023.01.11	Signage	Addition of Exterior Building Directory, Vinyl Building Name, Building Address Number, and Dimensional Building Name signage
2023.01.11	III–Division–33	Updates to 33 08 00 – Commissioning of Utilities, 33 61 00 – Hydronic Energy Distribution, and 33 63 00 – Steam Energy Distribution Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions. Updates to formatting
2023.01.11	III–Division–27	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.

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2023.01.11	III–Division–23	Updates to 23 00 00 – General Information, 23 05 00 – Common Work Results for HVAC, 23 09 00 – Instrumentation and Control for HVAC, 23 11 00 – Facility Fuel Piping, 23 21 00 – Hydronic Piping and Pumps, 23 36 00 – Air Terminal Units, 23 41 00 – Particulate Air Filtration, 23 51 00 – Breechings, Chimneys, and Stacks, 23 52 00 – Heating Boilers, 23 57 00 – Heat Exchangers for HVAC, 23 73 00 – Indoor Central–Station Air–Handling Units, 23 81 00 – Decentralized Unitary HVAC Equipment, and 23 82 00 – Convection Heating and Cooling Units Addition of 23 72 00 – Air–to–Air Energy Recovery Equipment Updates to formatting
2023.01.11	III–Division–22	Updates to formatting
2023.01.11	III–Division–21	Updates to 21 05 00 – Common Work Results for Fire Suppression, 21 13 00 – Fire Suppression Sprinkler Systems, 21 13 16 – Dry–Pipe Sprinkler Systems, and 21 13 19 – Preaction Sprinkler Systems Updates to formatting
2023.01.11	III–Division–10	Updates to 10 14 00 – Signage Updates to 10 28 00 – Toilet, Bath and Laundry Accessories Updates to formatting
2023.01.11	II–Chapter–06	Updates to 600.2 – Required Features, 607.3 – Requirements, 607.6 – Recommendations Removal of 613.4 – Building Maintenance and Custodial Space Report and 614 Outdoor Services Closet Renumbering of 615 – Electric Vehicle Chargers, 616 – Roof Access, 617 – Overstock Storage, 618 – Chemical Laboratories, 619 – Chemical Storage Rooms, 620 – Pesticide Storage, 621 – Battery Rooms, 622 – Animal Quarters, 623 – Biohazard Locations and Containment Facilities, 624 – Spray Painting Rooms/Booths, 625 – Welding Shops, 626 – Compressed Gas Cylinder Storage, 627 – Hyperbaric and Hypobaric Chambers, 628 – Semiconductor Fabrication Facilities, and 629 – References Updates to formatting
2023.01.11	II–Chapter–05	Updates to 500.1 – General Requirements and 505.1 – General Requirements Updates to formatting
2023.01.11	II–Chapter–03	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2022.11.09	II–Chapter–06	Updates to 604 – Breakrooms Updates to formatting
2022.09.06	Abbreviations	Updates to abbreviations
2022.09.06	III–Division–11	Updates to 11 53 00 – Laboratory Equipment Updates to formatting

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2022.09.06	III–Division–23	Updates to 23 00 00 – HVAC General Information, 23 05 00 – Common Work Results for HVAC, 23 08 00 – Commissioning of HVAC, 23 09 00 – Instrumentation and Control for HVAC, 23 11 00 – Facility Fuel Piping, 23 23 00 – Refrigerant Piping, 23 30 00 – HVAC Air Distribution, 23 52 00 – Heating Boilers, 23 64 00 – Packaged Chillers and Heat Pumps, and 23 65 00 – Cooling Towers Updates to formatting
2022.09.06	III–Division–28	Addition of 28 35 00 – Refrigeration Detection and Alarm Updates to formatting
2022.08.01	Signage	Updates to Adult Changing Table, All Gender Restroom, Baby Changing Table, Breakroom, Commuter Shower, Lactation Room, No Loud Noises, and Reflection Room signage Addition of Directional Signage to Accessible Restrooms, Indoor Bicycle Parking, Men's Restroom, and Women's Restroom signage
2022.08.01	II–Chapter–03	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2022.08.01	III–Division–22	Updates to 22 05 00 – Common Work Results for Plumbing, 22 07 00 – Plumbing Insulation, 22 10 00 – Plumbing Piping, 22 11 00 – Facility Water Distribution, 22 13 00 – Facility Sanitary Sewerage, 22 14 00 – Facility Storm Drainage, 22 30 00 – Plumbing Equipment, 22 33 00 – Electric Domestic Water Heaters, 22 34 00 – Fuel–Fired Domestic Water Heaters, and 22 45 00 – Emergency Plumbing Fixtures Updates to formatting
2022.08.01	III–Division–27	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2022.08.01	III–Division–33	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2022.06.22	Abbreviations	Updates to abbreviations
2022.06.22	III–Division–33	Updates to 33 08 00 – Commissioning of Utilities, 33 61 00 – Hydronic Energy Distribution Updates to formatting
2022.03.21	III–Division–23	Updates to 23 00 00 – General Information, 23 09 00 – Instrumentation and Control for HVAC, 23 25 00 – HVAC Water Treatment, 23 73 00 – Indoor Central–Station Air–Handling Units, 23 82 00 – Convection Heating and Cooling Units Updates to formatting
2022.03.21	III–Division–01	Addition of 01 80 00 – Performance Requirements Updates to formatting

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2022.02.17	Maps	Addition of Map – Existing Covered Bicycle Parking Updates to Map – Proposed Indoor Bicycle Parking Locations and Exterior Secure Bicycle Parking Locations
2022.02.17	Abbreviations	Updates to abbreviations
2022.02.17	Part II	Updates to formatting and abbreviations
2022.02.17	Parts II, III, and 2020 Part II – Design Standards Reorganization Matrix	Update of name to Chapter 01 – General Project Information
2022.02.17	II–Chapter–01	Update of name to Chapter 01 – General Project Information Addition of 100.2 – Building Numbering and 100.3 – Building Addressing
2022.02.17	II–Chapter–03	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions. Updates to 304.1 – General Requirements
2022.02.17	II–Chapter–06	Updates to 613.2 – Custodial Closets
2022.02.17	II–Chapter–07	Updates to 703.13 – Project Closeout Requirements
2022.02.17	Part III	Addition of link to HDS amendments Updates to formatting and abbreviations
2022.02.17	III–Division–01	Relocation of information from Division 32 to Division 01 – 01 56 39 – Temporary Tree and Plant Protection
2022.02.17	III–Division–08	Updates to 08 10 00 – Doors and Frames
2022.02.17	III–Division–27	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2022.02.17	III–Division–31	Updates to 31 10 00 – Site Clearing
2022.02.17	III–Division–32	Updates to 32 33 23 – Site Trash and Litter Receptacles
2022.02.17	III–Division–33	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions. Updates to 33 10 00 – Water Utilities, 33 50 00 – Hydrocarbon Utilities, 33 61 00 – Hydronic Energy Distribution, and 33 63 00 – Steam Energy Distribution
2021.09.22	Part IV	Updates to 33 40 00 – Stormwater Utilities

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2021.09.16	A – Administration of Standards	Removal of outdated document from website
2021.09.16	C – Administration of Projects	Removal of outdated document from website
2021.09.10	Additional Documents	Addition of Map – Proposed Indoor Bicycle Parking Locations and Exterior Secure Bicycle Parking Locations
2021.08.20	Abbreviations	Updates to abbreviations
2021.08.20	II–Chapter–01	Updates to 100.1 – Application and 100.4 – Variances
2021.08.20	II–Chapter–03	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions. Updates to 314.14 – Fire Alarm System and 314.15 – New Facilities Relocation of information from Chapter 05 to Chapter 03 – 304.2 – Sequence
2021.08.20	II–Chapter–04	Updates to 400.18 – Construction Document Numbering System – Tracking Number and 401.4 – CAD Filenames
2021.08.20	II–Chapter–05	Removal of outdated weblinks
2021.08.20	II–Chapter–06	Removal of outdated weblinks Updates to 600.2 – Required Features Relocation of information from Chapter 09 to Chapter 06 – 600.3 – Design Considerations Addition of 612 – Indoor Bicycle Parking Addition of 615 – Electric Vehicle Chargers
2021.08.20	III–Division–01	Consolidation and removal of duplicate information in 01 74 19 – Construction Waste Management and Disposal
2021.08.20	III–Division–03	Updates to 03 35 00 – Concrete Finishing
2021.08.20	III–Division–04	Updates to 04 05 00 – Common Work Results for Masonry
2021.08.20	III–Division–05	Updates to 05 00 00 – General Information Removal of 05 52 00 – Metal Railings
2021.08.20	III–Division–07	Updates to 07 00 00 – General Information, 07 50 00 – Membrane Roofing, and 07 60 00 – Flashing and Sheet Metal
2021.08.20	III–Division–08	Updates to 08 41 13 – Aluminum–Framed Entrances and Storefronts
2021.08.20	III–Division–09	Updates to 09 00 00 – General Information, 09 51 00 – Acoustical Ceilings, 09 65 00 – Resilient Flooring
2021.08.20	III–Division–10	Updates to 10 50 00 – Storage Specialties
2021.08.20	III–Division–11	Addition of 11 11 36 – Vehicle Charging Equipment

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2021.08.20	III–Division–12	Updates to 12 40 00 – Furnishings and Accessories
2021.08.20	III–Division–22	Updates to 22 42 00 – Commercial Plumbing Fixtures
2021.08.20	III–Division–26	Removal of 26 27 53 – Provisions for Electric Vehicle Chargers
2021.08.20	III–Division–27	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2021.08.20	III–Division–28	Updates to 28 10 00 – Access Control
2021.08.20	III–Division–33	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2021.08.20	Sole Source Products	Removal of outdated document from website
2021.08.20	Drawings, Maps, Signage	<p>Updates to formatting and title blocks of Details</p> <p>Updates to formatting of Maps and Signage</p> <p>Reorganization of Drawings, Maps, and Signage on Standards Website</p> <p>Removal of Details – A–1 Fixed Ladder, A–2 Fixed Ladder Cage, A–3 Door Frame, L–25 Inlet Protection, L–26 Silt Fence, L–27 Temp Vehicle Tracking Pad, M–03 Fume Hood Exhaust, M–04 Fan Roof Curb, M–05 Fan Housekeeping Pad, M–19 Corrosion Test Rack, M–21 Bldg. Svc Meter, M–25 Hot Water Generator, M–27 Acid Neutralizing Tank, M–30 Temp Control Air, M–31 Process Air Supply, M–32 Cooling Pipe New, and M–33 Cooling Pipe Retrofit.</p> <p>Addition of Details – M–3 – Vertical Inline Pump Piping, M–12A, B – Chill Water Coil Piping – AHU, U–1 – Drop Manhole, U–3 – Chilled Water Metering, and U–4 – District Chilled Water Utility Metering.</p> <p>Addition of Signage – Baby Changing Table, Bike Storage Room, Building Address, Building Decals, No Smoking, and Rideshare</p> <p>Addition of Map – Stormwater Opportunity Map</p> <p>Removal of Maps – Main Campus, South Campus, Foothills Campus, ARDEC Campus</p>
2021.08.20	Parts II, III and IV	<p>Updates to name of section to FM Planning, Design, Construction and Engineering</p> <p>Updates to name of Additional Documents</p> <p>Updates to formatting</p>
2021.03.29	III–Division–23	Updates to 23 09 00 – Instrumentation and Control for HVAC

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2021.03.18	III–Division–23	Updates to 23 00 00 – HVAC General Information, 23 05 00 – Common Work Results for HVAC, 23 09 00 – Instrumentation and Control for HVAC, 23 21 00 – Hydronic Piping and Pumps, 23 23 00 – Refrigerant Piping, 23 34 00 – HVAC Fans, 23 35 00 – Special Exhaust Systems, 23 52 00 – Heating Boilers, 23 57 00 – Heat Exchangers for HVAC, 23 64 00 – Packaged Water Chillers, 23 73 00 – Indoor Central–Station Air–Handling Units, 23 81 00 – Decentralized Unitary HVAC Equipment, 23 82 00 – Convection Heating and Cooling Units, and 23 84 00 – Humidity Control Equipment Updates to formatting
2020.12.21	II–B–Accessibility Guidelines	Duplicate Information – Deleted
2020.12.21	Part II	Reorganization and update of content into 9 Chapters. Please see 2020 Part II – Design Standards Reorganization Matrix for more details. Update to name of Standards. Updates to formatting.
2020.12.21	Parts III and IV	Update to name of Standards
2020.12.21	II–Chapter–19	Not Used – Deleted
2020.12.21	III–Division–13	Duplicate Information – Deleted
2020.12.21	III–Division–11	Update to 11 40 00 – Foodservice Equipment Removal of duplicate information in 11 70 00 Healthcare Equipment, which is located in Division 10
2020.12.21	III–Division–10	Updates to 10 28 00 – Toilet, Bath and Laundry Accessories Relocation of 10 40 00 – Safety Specialties, Fire Extinguisher to Division 21 Updates to 10 43 00 – Emergency Aid Specialties
2020.12.21	III–Division–12	Updates to 12 40 00 – Furnishings and Accessories and 12 48 00 – Rugs and Mats
2020.12.21	III–Division–32	Updates to 32 33 23 – Site Trash and Litter Receptacles and 32 33 43 – Site Seating and Tables Relocation of 32 33 00 – Site Furnishings, Bicycle and Pedestrian Counter – Infrared Detector and Inductive Loops to Division 11
2020.12.21	III–Division–28	Updates to 28 10 00 – Access Control and 28 46 00 Fire Detection and Alarm
2020.12.21	III–Division–21	Updates to 21 05 00 – Common Work Results for Fire Suppression, 21 13 19 – Preaction Sprinkler Systems
2020.12.21	III–Division–08	Updates to 08 71 13 – Automatic Door Operators
2020.12.21	III–Division–09	Updates to 09 90 00 – Painting and Coatings

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2020.12.21	III–Division–22	Updates to 22 05 00 – Common Work Results for Plumbing, 22 10 00 – Plumbing Piping, 22 11 00 – Facility Water Distribution, 22 12 00 – Facility Potable Water Storage Tanks, 22 67 00 – Processed Water Systems for Laboratory and Healthcare Facilities
2020.12.09	Drawings	Added District Chill Water Utility Metering (MP–1)
2020.11.11	Drawings	Updated Interior Signage Drawing Standards for Lactation Rooms (A–7), All Gender Restroom (A–8), Break Room (A–8), Commuter Shower (A–10), Reflection Room (A–11), Adult Changing Table (A–12) and No Loud Noises (A–13).
2020.10.21	II–Chapter–22	Removal of duplicate file
2020.10.21	II–Chapter–1	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2020.10.21	II–Chapter–23	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2020.10.21	III–Division–27	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2020.10.21	III–Division–33	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2020.09.09	II–Chapter–11	Updates to 1101 – General Requirements
2020.05.12	III–Division–22	Updates to 22 05 00 – Common Work Results for Plumbing, 22 08 00 – Commissioning of Plumbing, 22 10 00 – Plumbing Piping, 22 11 00 – Facility Water Distribution, 22 13 00 – Facility Sanitary Sewerage, 22 14 00 – Facility Storm Drainage, 22 33 00 – Electric Domestic Water Heaters, 22 34 00 – Fuel–Fired Domestic Water Heaters, 22 42 00 – Commercial Plumbing Fixtures, 22 45 00 – Emergency Plumbing Fixtures, 22 66 00 – Chemical–Waste Systems for Laboratory and Healthcare Facilities
2020.05.12	III–Division–27	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2020.05.12	III–Division–33	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2020.04.06	Drawings	Addition of Interior Signage Drawing Standards for Adult Changing Table (A–12) and No Loud Noises (A–13).
2020.03.30	Drawings	Updated Remote Control Valve Assembly (L–16). Added 3–Inch Meter and Pressure Regulation Assembly (L–28).
2020.03.30	III–Division–01	Updates to 01 55 00 – Vehicular Access and Parking
2020.03.16	III–Division–32	Updates to 32 80 00 – Irrigation

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2020.02.28	III–Division–11	Updates to 11 53 13 – Laboratory Fume Hoods
2020.02.26	III–Division–12	Updates to 12 93 00 – Site Furnishings
2020.01.16	III–Division–20	Removal of retired Division
2019.12.19	III–Technical Standards	Updates to formatting throughout Technical Standards (Divisions 01–33)
2019.12.19	IV – Regulatory Requirements	Creation of Regulatory Requirements document
2019.12.12	III–Division–22	Updates to 22 11 00 – Domestic Water Piping
2019.12.06	III–Division–21	Updates to 21 00 00 – Fire Suppression
2019.12.04	III–Division–22	Updates to 22 47 00 – Drinking Fountains and Water Coolers
2019.09.17	III–Division–26	Updates to formatting throughout. Updates to 26 05 19 – Low Voltage Electrical Power Conductors and Cables, 26 05 33 – Raceways, Boxes and Devices for Electrical Systems, 26 05 53 – Identification for Electrical Systems, 26 09 00 – Lighting Controls, 26 24 16 – Switchboards and Panelboards, 26 29 00 – Low Voltage Controllers, 26 32 13 – Engine Generators, 26 33 53 – Static Uninterruptable Power Supply, 26 51 00 – Interior Lighting, and 26 56 00 – Exterior Lighting. Relocation of and Updates to 26 27 26 – Wiring Details. Addition of 26 27 53 – Provisions for Electric Vehicle Charger
2019.09.17	III–Division–33	Updates to formatting throughout. Updates to 33 70 00 – Electrical Utilities, 33 71 19 – Electrical Underground Ducts and Vaults, 33 71 49 – Medium Voltage Wiring, 33 73 00 – Utility Transformers, and 3380 – Communications Utilities.
2019.08.01	B – Standards Revision Log	Updates to formatting throughout
2019.08.01	II–Chapter–1	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions. Updates to formatting throughout
2019.08.01	II–Chapter–23	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions. Updates to formatting throughout and the following sections: 23 00 00 – HVAC General Information; 23 05 00 – Common Work Results for HVAC; 23 09 00 – Instrumentation and Control for HVAC; 23 21 00 – Hydronic Piping and Pumps; 23 35 00 – Special Exhaust Systems; 23 36 00 – Air Terminal Units; 23 65 00 – Cooling Towers; 23 72 00 – Air-to-Air Energy Recovery; 23 73 00 – Central Station Air-Handling Units

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Revision Date	Document	Changes
2019.08.01	III–Division–27	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions. Updates to formatting throughout
2019.08.01	III–Division–33	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions. Updates to formatting throughout
2019.05.06	II–Chapter–1	Added Section 106 – Tobacco Policy
2019.05.06	II–Chapter–18	Updated verbiage throughout for industry consistency Added Section 1804.9 Systems Points List and renumbered following sections accordingly
2019.04.19	II–Chapter–1	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2019.04.19	II–Chapter–23	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2019.04.19	III–Division–27	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2019.04.19	III–Division–33	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2018.12.20	II–Chapter 34	Chapter was reorganized to allocate the addition of the following space types/uses: 3404 – Break Rooms; 3405 – All Gender Restrooms; 3406 – Changing Tables; 3407 – Lactation Rooms; 3408 – Commuter Showers; 3409 – Reflection Spaces; 3410 – Reflection Rooms; 3411 – Community Reflection Rooms
2018.12.20	Drawings	Updated Maps to include: A–0.4 Lactation Room Locations; A–0.5 Commuter Shower Locations; A–0.6 Reflection Room Locations.
2018.11.27	A–Administration of Standards	Updated websites for current State adopted codes and Standards Revision Log.
2018.11.21	III–Division–01	Updates to 01 50 00 – Temporary Facilities and Controls: Parking Permits
2018.11.21	III–Division–08	Updates to 08 71 00 – Door Hardware
2018.11.21	III–Division–12	Updates to 12 93 00 – Site Furnishings
2018.11.21	III–Division–23	Updates to formatting, 23 00 00 – HVAC General Information, 23 09 00 – Instrumentation and Control for HVAC, 23 25 00 – HVAC Water Treatment, 23 35 00 – Special Exhaust Systems, 23 57 00 – Heat Exchangers for HVAC, 23 74 00 – Packaged Air–Handling Units and 23 81 00 – Unitary HVAC Equipment
2018.11.21	III–Division–28	Updates to 23 13 00 – Access Control: Electrified Door Hardware.
2018.11.21	III–Division–32	Updates to 32 92 00 – Turf and Grasses: Compost.

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2018.11.21	Drawings	Updated Interior Signage Drawing Standards for Lactation Rooms (A-7).
2018.11.21	Drawings	Added Interior Signage Drawing Standards for Break Rooms (A-9), Commuter Showers (A-10) and Reflection Rooms (A-11).
2018.09.17	III-Division-32	32 10 00 – Sidewalks, Dumpsters, Bicycle Parking Pads, Wheelchair Ramps and Bus Stop Pads: Updated construction requirements. 32 92 00 – Turf and Grasses: Submittals and Sod Requirements Updated; CSU Compost and Organic Compost: Requirements Updated. 32 93 00 – Plants: Updates to Staking and Guarantees Requirements.
2018.09.04	II-Chapter-1	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2018.09.04	II-Chapter-23	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2018.09.04	III-Division-27	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2018.09.04	III-Division-33	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2018.08.01	II-Chapter-1	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2018.08.01	II-Chapter-23	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2018.08.01	III-Chapter-27	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2018.08.01	III-Division-33	Updated Telecom Standards website location. See Telecom Website for updates and list of specific revisions.
2018.08.01	III-Division-14	14 20 00 – Elevators: Updated Operation and Maintenance Manuals, Design and Construction, Handicapped Standards/Other Uses and Special Mechanical Traits requirements.
2018.08.01	III-Division-26	26 05 33 – Raceways, Boxes and Devices for Electrical Systems: Updated Locations for Outlets. 26 51 00 – Interior Lighting: Deleted Acceptable Products section and relabeled accordingly; Updated General Information, Interior Luminaires, Use of LED Luminaires, Lamps; Deleted Ballasts section; Updated Emergency Lighting and Lighting Design Drawings. 26 56 00 – Exterior Lighting: Updated Sole Source Products, Acceptable Products, Exterior Poles and Luminaires
2018.05.08	II-Chapter-1	Updated Telecom Standards website location.

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2018.05.08	II–Chapter–23	Updated Telecom Standards website location.
2018.05.08	III–Chapter–27	Updated Telecom Standards website location.
2018.05.08	III–Division–33	Updated Telecom Standards website location.
2018.05.02	T.O.C. – Index/Appendix	Added Interior Signage Drawing Standards for All Gender Restrooms and Lactations Rooms.
2018.05.02	T.O.C. – Index/Appendix	Updated Landscape Drawings.
2017.04.17	III–Division–32	Updated 32 80 00 Irrigation.
2017.03.03	II–Chapter–1	Updated to reference new Telecom Standards.
2017.03.03	II–Chapter–23	Updated to reference new Telecom Standards and updates to Card Access and Security IP Camera Systems
2017.03.03	III–Chapter–27	Removed Applicable Codes and Standards and Construction Notes sections, updated Implementation section and references to new Telecom Standards.
2017.03.03	III–Division–28	Updated Quality Assurance, Products, Installation Details Sections and references to new Telecom Standards.
2017.03.03	III–Division–33	Updated to reference new Telecom Standards and updates to Natural Gas Utility Metering section.
2017.03.03	T.O.C. – Index/Appendix	Added new drawings.
2017.03.03	A–0.3 ARDEC Campus Map	New Map.
2017.03.03	A–0.2 Foothills Campus Map	New Map.
2017.03.03	A–0.1 South Campus Map	New Map.
2017.03.03	A–0.0 Main Campus Map	Updated Map.
2017.03.03	A–6 Security Door Rough–in Details	Updated Drawing.
2016.11.29	III–Division–26	Updates to the following: Wire and Cabling; Products; Low Voltage Controllers; UPS; and Ballasts.
2016.10.13	T.O.C. – Index/Appendix	Added new drawings.
2016.10.13	II–Chapter–16	Updated Section 1601.1–G.

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2016.10.13	II–Chapter–34	Updated Office Standards.
2016.10.13	III–Division–12	Updated Bench, Trash and Recycling Receptacle Information.
2016.10.12	E–8 10’ x 10’ Vault Detail	New Drawing.
2016.10.12	E–9 Transformer Switch	New Drawing.
2016.10.12	III–Division–21	FM Global Fire Suppression reference. Shop Drawing Approvals and Dry Pipe System Labeling.
2016.10.12	III–Division–23	Life–Cycle Cost, Sizing and Capacity, Energy Conservation, Control Wiring, Panels and Valves, Thermostats, Sensors, Direct Digital Control Systems, Laboratory Air Control Systems and Central HVAC Equipment.
2016.10.12	III–Division–33	Process update, Section 33 40 00 Products and Subdrainage and 33 71 19 Electrical Underground Ducts.
2016.04.25	III–Division–28	Electronic Safety & Security, Section 28–4,5,7 & 9
2016.04.11	III–Division–03	Concrete – Standards & Testing
2016.04.11	III–Division–20	General Mechanical – Division No Longer Used
2016.04.11	III–Division–22	Plumbing – Sections 08, 10 & 66
2016.04.11	III–Division–23	HVAC – Sections 00, 08, 30, 33 & 70
2016.04.11	III–Division–31	Earthwork – Sections 00 & 20
2016.04.11	III–Division–32	Exterior Improvements – Sections, 08, 10, 80, 30, 92 & 93
2016.04.11	III–Division–33	Utilities
2016.04.04	Appendices & Index	Sole Source Products – Divisions 20, 22, 23 & 26 eliminated
2016.04.01	III–Division 22	Plumbing
2016.04.01	III–Division 23	HVAC
2016.03.29	III–Division 09	Finishes–Carpet
2016.03.29	III–Division 26	Electrical
2016.03.29	II–Chapter 22	Electrical Drawings & Design
2015.08.18	III–Division 23	HVAC–Instrumentation & Control–23 09 00
2015.08.18	III–Division 20	General Mechanical–Remove references to Div. 25
2015.05.29	III–Division 22	Plumbing–General Information, Equipment, Fixtures
2015.05.29	III–Division–23	HVAC

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2015.03.31	III–Division 08	Openings–Remove Access Control
2015.02.20	III–Division 28	Electronic Safety and Security– Add Access Control
2014.09.30	III–Division 21	Fire Suppression
2014.09.30	III–Division 28	Electronic Safety and Security
2014.06.03	III–Division 14	Conveying Equipment
2014.04.28	III–Division 26	Electrical
2014.04.28	DS 22	Electrical Design & Drawings
2021.03.26	III 23 60 00	HVAC Acceptable Products–exclude Trane
2014.03.20	III–22–00, –10,–30, 40	Plumbing acceptable products
2014.01.30	III.33.30.A.1.a	Sanitary Sewerage–cleanouts in vehicle traffic areas
2013.12.16	III–01–41–00A	Regulatory Requirements
2014.01.23	II 3002.3	CDPHE
2014.01.23	II 3002.4	Stormwater Management Division
2014.01.23	II.3002.5	Floodplain Management
2014.01.23	II.3002.6	Numbering change only
2014.01.23	II. 3003.2.D	Automatic Door Activation Plate Height
2014.01.23	II 3003.2.E.5.	Accessible Restroom Full Length Mirrors
2011.06.08	DS 16	Room Numbering Standard 1601.6
2011.05.27	Div. 1	Video recording of systems training sessions added
2011.05.27	Div. 31	Tree protection edit
2011.05.27	DS 27	Design Standards for Surveys. Larimer Co. Monuments
2011.05.27	Div. 33	Sole source chilled water meter
2011.05.27	Div. 32	Sole source irrigation controllers & heads. Native grass.
2011.03.07	Forms	Bldg. Construction Standards Observation Report
2011.02.23	DS 17 & DS 18	Vibration design – account for mass movement of fluid
2011.02.01	Div. 22	Added Apollo to backflow preventers
2011.01.27	Division 26	Moved / copied certain design standards to Part II, Chapter 22 Electrical Drawings & Design per M. Randall. Fluorescent tube wattage changed to 28W.

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2011.01.04	Part II Design Standards	Replaces previous II-B A/E Responsibilities. Posted January 2011.
2011.01.04	Division 33	Update. Posted 1/15
2011.01.04	Division 28	Update. Posted 1/15
2011.01.04	Division 21	Updates per CSU Life / Fire Safety Administrator (1/15)
2011.01.04	Division 20	Update. Posted 1/15
2010.10.04	10 50 00	Concealed grid and tile > 2' x 4' not allowed for ceilings.
2010.10.04	23 34 00	Direct drive fans allowed for fanwall. Deleted wire mesh at accessible inlet / exhaust openings. (M. Rice)
2010.04.16	Division 32	Seed mix & rates
2010.04.16	12 93 00	Site Furnishings
2010.04.16	23 30 00	Added closed cell foam duct liner
2010.04.13	Drawing Appendix	M-21 Meter & Backflow Detail updated
2010.02.03	Part II-C	Accessibility guidelines added
2010.02.02	Drawing Appendix	Thumbnail views added
2010.01.10	Drawing Appendix	Landscape details updated
2010.01.11	33 60 00	Deleted – see 33 63 33
2009.11.20		Posted appendices and index to technical standards
2009.11.20	23 60 00 A.2	Rotary Screw Chillers: delete York (nonstandard warranty, no local factory authorized service)
2009.11.20	23 30 00	SMACNA IAQ practices required. Remediation due to insufficient protection is solely Contractor's expense.
2009.11.20	20 05 00	Dielectric unions prohibited in water & hydronic systems
2009.11.20	23 22 00	Corrected section number
2009.11.20	Div. 12	Copy edits
2009.11.20	Div. 10	Copy edits. Licensing requirements for CSU signage.
2009.11.20	Div. 09	Deleted obsolete ceiling tile. Control building color palette.
2009.11.20	08 41 00	Kawneer Trifab Versaglaze 451T
2009.11.20	Div. 07	Added minimum roof warranty and roof access. Revised modified bitumen roofing.
2009.11.20	06 40 00	AWI Custom Grade required
2009.11.20	Div. 01	Copy edits. Key / access device procedures.

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2009.11.20	10 40 00 and 21 00 00	Added NFPA 1 & OSHA 29 CFR 1910 Subpart L.
2009.11.20	13 00 00	Deleted darkrooms. Added NFPA standards. Deleted UFC and UBC (already contract requirements.
2009.11.20	05 30 00	Revised decking ASTM standards
2009.11.20	05 40 00	Revised gauge and ASTM standards
2009.11.20	04 00 00	Concrete block: Type I added
2009.11.20	03 30 00	Revised concrete curing and sealing requirements
2009.11.20	33 00 00	Tracer wire shall be 12" above utility (not affixed). Update OSHA standard references for storage tanks and delete UFC (already contract requirement).
2009.11.20	32 93 00	American Standard for Nursery Stock, 2004 Edition
2009.11.20	31 10 00	Subsoil revised to delete export to Bay Farm and CSU fill charges.
2009.01.10	Parts I, II and III	Major update: replaced all documents and revised web page. Appendices / Index update pending.