

December 2023 BDS Updates Summary (more than 54 items in 13 divisions and four appendices)			
BDS Division	Division Name	Section #	BDS Revision Description
Division 00	Processing The Work	00 00 36.1.5	added: The door to the wet waste or hazardous waste room shall be outward swinging.
Division 00	Processing The Work	00 00 36.3	added: Equipment Rooms: Provide an outward swinging door.
Division 00	Processing The Work	00 00 36.3.2.2	added:Rooms with electrical switchgear, panels, substations shall have outward swinging doors.
Division 00	Processing The Work	00 00 36.6	Added: Lockset that can accommodate a small format interchangeable core (SFIC).
Division 00	Processing The Work	00 00 38.13 & .15	Added: Mortise indicator lock option from Best 45H 7L 15J 626 (Handing) VIB.
Division 02	Existing Conditions	02 82 00.1, .1.1 a.iii & iv	Added: OSU employee responsibilities for contracting and/or managing an abatement project.
Division 02	Existing Conditions	02 82 00.4	Added: Information required in the contractor's abatement report including closeout documents.
Division 02	Existing Conditions	02 82 00.1, .1.1 g (8)	Added: photograph requirements in the abatement report.
Division 02	Existing Conditions	02 82 00.1,.1.1 g (10)	Added: clearance air sample requirements.
Division 02	Existing Conditions	02 82 00.4.5	Added: asbestos containing
Division 02	Existing Conditions	02 82 00.4.6	Added: Requirement for the Abatement Contractor to keep project specific survey and project agreement issued on site.
Division 02	Existing Conditions	02 82 00.4.9	Added: Requirement for the Abatement Contractor to maintain onsite records.
Division 02	Existing Conditions	02 82 00.4.11	Added: Abatement Contractor closeout document requirements.
Division 02	Existing Conditions	02 82 00.4.13	Added: Ohio EPA-certified representatives from EHS reserves the right to visit and inspect any abatement project on OSU owned or leased property.
Division 02	Existing Conditions	02 82 00.5 & .5.1 & .5.1.1	Deleted this section on Abatement Design Specifications
Division 05	Metals	05 52 00.2	Added: The campus standard for a handrail is stainless steel round tubes. No lighting should be integrated into the handrails. Exceptions: Handrails for historic heritage buildings such as Hayes, Orton, Pomerene, and Starling Loving Halls, and the Faculty Club, etc. shall be exempt from the use of stainless steel handrails to allow for historic handrail profiles and metal types and finishes.
Division 07	Thermal and Moisture Protection	07 60 10.8	corrected the reference section to 01 76 00.1 Roof Protection.
Division 08	Openings	08 71 20.1.10	added: Sargent Mortise Locks 8200 LE or WT escutcheon J or L Lever Style

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Division 08	Openings	08 70 20.10	Added: Exceptopn: Sliding doors, glass sliding doors shall be specified with ADA bottom horizontal 10-inch minimum above finish floor (AFF) are approved. When security is required, sliding doors with 4-inch and 6-inch stiles shall be provided to accommodate locks that have been reviewed and approved by FODLKS. The A/E shall specify the lock, cylinder housing and small format 7-pin interchangeable core (SFIC) in the Door Hardare Specifications per 08 71 90.3 and 08 71 90.4. FOD Lock and Key Services (FODLKS) will provide service limited to support for the small format interchangeable core (SFIC), and key. If included the SFIC housing shall be serviceable without requiring the door to be removed from the track. All other sliding door maintenance and repair services are billable expenses to the User Department through contracting with an outside vendor.
Division 08	Openings	08 71 30	Added: Closers: BEST EDH9000 - Approved for all doors; Sargent ASSA ABLOY - 281 Cast Iron Approved for all doors; Sargent ASSA ABLOY - 351 series Only approved for interior doors.
Division 08	Openings	08 71 30.2	Updated: BEST Precsion 2000 Apex (mechanical only) - Pull handles trims 1700A and 1700C are approved for exterior doors; Lever handle trims 4900A and 4900C are approved for interior doors only. Added: Sargent 80 series (academic approved now).
Division 08	Openings	08 71 90.5	Corrected Custom Die Stamp number for Falcon to XQ13-652
Division 08	Openings	08 71 90.5	Added: Medeco (provided by Assa Abloy) core ordering process.
Division 08	Openings	08 72 00.2	Added: The A/E shall specify the installation of electric operator switches in vestibules between the exterior and interior public entrances ADA doors where entrapment is possible.

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BDS Division	Division Name	Section #	BDS Revision Description
Division 08	Openings	08 72 00.7.8.1	Added: The A/E shall specify operators that are bottom loading where the operator will be installed in a location which obstructs service access to the unit from the front. If a front-loading unit is specified and installed where low clearances by ceiling installation or other obstruction hinder the access in front-loading operator it shall be specified to be replaced with a bottom loading operator at no additional cost to the University.
Division 08	Openings	08 72 00.7.11	added: Approved Power Door Operators: (ASSA ABLOY) Norton 6021/6031
Division 08	Openings	08 76 00.1	Deleted: Von Duprin Rim/Concealed Vertical Cable; AD-400-993R-70-626-B-(Lock Handling)-4B-134; Von Duprin Exit Trim - Mortise (the exit device i still required); AD-400-993M-70-626-(lock Handling)-4B-134. These are now prohibited hardware.
Division 10	Specialties	10 55 13.4	Added directions for A/E regarding Contractor supplying mail boxes to enter an agreement with FOD's Lock & Key Services.
Division 14	Conveying Systems	14 20 02.5.1	added: Machine room door shall be outward swinging.
Division 14	Conveying Systems	14 20 02.6.1.3	added: Provide Pit Safe pit lighting (https://eciamerica.com/pitsafe/) for both traction and hydraulic elevators. It includes Pit switch and pit lights (provided the pit is not so large it requires more lighting). also includes dry contacts for both water detection and oil detection.
Division 14	Conveying Systems	14 20 03.5 c.	added: Wurtec Load weighers (https://wurtec.com/products/17560) HENNING RC-Series Permanent Overload "Donut" Sensors are capable of measuring absolute weight at each rope or belt, eliminating the need to calibrate with weights. The Plug'n Play sensors permanently install directly at the hitch point, under the spring/bushing assembly, and are ready for use after connection with the evaluation unit AE12 and the elevator controller.
Division 18	Sustainability	18 30 20.1, 18 30 20.2, 18 30 40.1.2, 18 30 40.1.3.3, 18 30 50, 18 30 50.2, 18 80 60	ASHRAE 90.1-2016 references: Added "or later version if adopted by Ohio Building Code."

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BDS Division	Division Name	Section #	BDS Revision Description
Division 22	Plumbing	22 00 03.3	Revised to reference version of ASHRAE 90.1 adopted in Division 18
Division 22	Plumbing	22 10 05	Added redundant filters for sophisticated equipment.
Division 23	Heating, Ventilating, and Air Conditioning (HVAC)	23 00 03.14.1.4, 23 00 07.2.1.6, 23 07 13, 23 07 19.2	Revised to reference version of ASHRAE 90.1 adopted in Division 18
Division 23	Heating, Ventilating, and Air Conditioning (HVAC)	23 00 03.15.13.1	Added redundant filters for sophisticated equipment.
Division 23	Heating, Ventilating, and Air Conditioning (HVAC)	23 00 07.2.1.8	Added "Blow down air/dirt separators." to article.
Division 26	Electrical	26 30 10.2.1	Remove "shall"
Division 26	Electrical	26 30 10.2.2	Remove "shall"
Division 26	Electrical	26 30 10.2.6.3 A.	Added clarification for generators not at grade level: A.A path from an approved location at grade to the generator shall be provided with conduit(s) and conductors to allow for connection to a future temporary generator and for load bank testing at grade. Provide a quick connect generator switchboard with quick connect cables of sufficient conductor length so that no additional conductors shall need to be provided.
Division 26	Electric	26 30 10.2.12 Commentary	Clarified signage text examples.
Division 26	Electrical	26 20 05.2.4	Deleted: Best. Added: small format interchangeable cores with Best style capping.
Division 26	Electrical	26 56 00.2, 26 58 00	Revised to reference version of ASHRAE 90.1 adopted in Division 18
Division 28	Electronic Safety and Security	28 31 00.2.5	added: Wexner Medical Center: All notification appliances installed in OSUWMC shall be addressable. All notification devices shall be labeled "FIRE".
Division 33	Electric Utility Services	33 71 73.2.23	Deleted: Best Access System. Added: small format interchangeable cores (SFIC).
Division 33	Electric Utility Services	33 71 73.3.5	Deleted: Best Access System. Added: small format interchangeable cores (SFIC).
Division 33	Electric Utility Services	33 71 73.4.4	Added: that shall be able to accept 7 pin small format interchangeable cores.
Division 33	Electric Utility Services	33 71 73.4.5	Deleted: Best. Added: small format interchangeable cores.
Appendix A-FOD	FOD Building Automation System	Part 1, 1.01.E.2.b	Revised Advanced Application Controllers to 32 bit.
Appendix A-FOD	FOD Building Automation System	Part 1, 1.03.D	Revised maximum distance to support facility.
Appendix A-FOD	FOD Building Automation System	Part 2, 2.02.D.2 and 2.02.J.2	Added USB serial data communications port.
Appendix A-FOD	FOD Building Automation System	Part 2, 2.03.E.6	Replaced Air Handling Unit Controller alarm table with Building automation controllers alarming table.
Appendix A-FOD	FOD Building Automation System	Part 2, 2.03.J.1	Revised Advanced Application Controllers to 32 bit.

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Appendix A-FOD	FOD Building Automation System	Part 2, 2.05.C.5	Revised to replace Coppercube with enteliVAULT for building analytics software
Appendix A-FOD	FOD Building Automation System	Part 2, 2.07.F.5	Revised to require all steam controll valves be pneumatic and all other HVAC control valves be electronically controlled with electric actutators.
Appendix A-SL	Student Life Building Automation System	Part 1, 1.2.A.1	Revised to reference version of ASHRAE 90.1 adopted in Division 18
Appendix A-WMC	WMC Building Automation System	Part 3, 3.01.B.1	Revised to reference version of ASHRAE 90.1 adopted in Division 18
Appendix B	Requirements for Access	First paragraph	<i>Added the underlined text: Ohio Building Code 2024 - Chapter 11, and ICC A117.1 - 2009 for alterations and change of occupancy in existing buildings and ICC A117.1-2017 for new <u>construction and additions</u> Standard for Accessible and Usable Buildings and Facilities:</i>

