

June 2024 BDS Updates Summary ( more than 68 items in 11divisions and six appendices)			
BDS Division	Division Name	Section #	BDS Revision Description
Division 00	Processing the Work	00 00 36.4	Delete and move Loading Dock requirements to 32 00 00.2.2 Planning For Service Areas
Division 00	Processing the Work	00 00 36.5, .5.1	Delete and move Trash Dumpspter requirements to 32 00 00.2.2 Planning For Service Areas
Division 00	Processing the Work	00 00 38.3.a	Clarify and consolidate language for 100psf LL requirement
Division 02	Existing Conditions	02 82 00 (.1) (.1.1) a. ii.	Added unlined text:Removal of greater than 3 square feet/linear feet of non-friable or friable asbestos materials in sensitive or frequently occupied spaces _ (e.g. student housing/dorms, <u>patient rooms, offices, common areas, laboratories, mechanical rooms with air handlers, inside air handlers</u> , etc.). A variance may be requested from EHS for special circumstances
Division 02	Existing Conditions	02 82 00 (.1) (.1.1) c.	Add to last sentence: .... <u>within 30 calendar days from the completion of field sampling activities.</u>
Division 08	Openings	08 71 20.1 - .1.9	added: Wexner Medical Center: Institutional Bath/Privacy into table.
Division 08	Openings	08 71 99 3.5 A. 1.b.	deleted Corbin Russwin ML2000 Series HPSK Trim
Division 08	Openings	08 71 99 3.6 A. 1. b.	deleted Corbin Russwin ML2000 Series BHSS Trim
Division 08	Openings	08 71 99 3.17 C. 1.	Changed HES 1006 Series to HES 1500C-630
Division 08	Openings	08 71 99 3.17 D.	added: External motion required. Changed: 1. Schlage 490DEP to M490DE. Added: 2. Securitron DEM680E
Division 08	Openings	08 71 99 3.17 E.	added: External motion required. Added: 2. Securitron M680E Series
Division 08	Openings	08 71 99 3.17 F.	Deleted: Securitron EEB2 30 second delay exit button.
Division 08	Openings	08 71 99 3.17 G. 1.	Added: Push-To-Exit Botttons: 1. BEA 10ACPBDA10
Division 08	Openings	08 71 99 4.1 A. 1. b.,c.	Deleted: Mechanical Rooms and Electrical Rooms
Division 08	Openings	08 71 99 4.1 A.4. b.	Deleted: Lactation Rooms
Division 08	Openings	08 71 99 4.1 A. 6. a.	added: to Fail Secure: Exteriordoors, mechanical / electrical rooms / roof access, inpatient / outpatient / retail pharmacies, nuclear areas, gamma knife, IT closets. Same rooms as under fail safe if security presence 24/7. Anything additional by discretion of the security management team.
Division 08	Openings	08 71 99 4.1 A. 6. b.	added: Card Reader Doors to Fail Safe: Soiled/clean utility rooms, medication rooms, JIT rooms, single person lactation rooms, suite entrances, and shared spaces that would require more than 10 keys and need to lock. Anything additional by the discretion of the security management team.

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Division 08	Openings	08 71 99 4.1 A. 6. c.	added: Wexner Medical Center: Mortise Lock Doors: Fail Safe, request to exit, latchbolt monitoring, door position switches. Fail Safe vs. Fail Secure shall be determined by DPS Medical Center Security. Deleted: Commentary: Fail secure should only be utilized on doors whose function is to secure mechanical/electrical, pharmacies, nuclear areas, the gammaknife, or by the discretion of the OSUWMC Security Management Team.
Division 08	Openings	08 71 99 4.1 D. 1. and a.	Deleted: Free Hanging Locks and MasterLock MA 1525 CD V64MK
Division 08	Openings	08 71 99 4.1 G.	added underline text: All shall be specified in such a way that the glass door patch fittings only accept <u>a mortise lock that meets the guidelines and specifications above.</u> The glass door and patch fittings shall be precut to match. The locks shall meet the specifications of the locks listed.
Division 08	Openings	08 74 00 .7.5	deleted: Wexner Medical Center: Mortise Lock Doors: Fail Safe, request to exit, latchbolt monitoring, door position switches. Fail safe vs. Fail secure shall be determined by DPS Medical Center Security.
Division 08	Openings	08 74 00 .7.10.1	added: Electrified vertical rods are allowed at the OSUWMC.
Division 09	Finishes	09 91 23.2	NEW GYPSUM WALLBOARD: changed semi-gloss latex enamel to egg-shell latex. EXISTING PREVIOUSLY PAINTED GYPSUM WALLBOARD OR PLASTER: change semi-gloss latex enamel to egg-shell latex. Added: Student Life: See Student Life's Facility Planning & Design Finish Standards for approved paint manufacturers, types, and colors.
Division 18	Sustainability	18 20 71	Risk and Functional Performance Assessment
Division 18	Sustainability	18 50 30	Ecosystem Services Assessment
Division 18	Sustainability	18 50 30	Regional Ecosystem Services Assessment
Division 18	Sustainability	18 60 30	Sustainable materials calculator
Division 18	Sustainability	18 60 40	Construction Waste Management Plan
Division 18	Sustainability	18 60 40	Construction and Demolition Tracking Sheet
Division 18	Sustainability	18 60 50	Materials management Plan
Division 18	Sustainability	18 70 70	Biophilic design checklist
Division 18	Sustainability	18 90 20.2	Mobility Plan

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Division 18	Sustainability	18 30 20, 18 30 40.1.2, 18 30 40.1.3.3.2, 18 30 50, 18 30 50.2, 18 40 40.11.3.2, 18 80 60	Revised ASHRAE 90.1 references to the 2019 version.
Division 18	Sustainability	18 50 20	Deleted last sentence. Deleted information appears, or will appear, in the Ecosystem Services Assessment.
Division 18	Sustainability	18 50 30	Deleted hyperlink to Ecosystem Services Team. Deleted some text. Deleted information appears, or will appear, in the Ecosystem Services Assessment.
Division 18	Sustainability	18 50 40	Deleted entire section. Deleted information appears, or will appear, in the Ecosystem Services Assessment.
Division 18	Sustainability	18 70 30.1	Revised ASHRAE 62.1 and 62.2 references to the 2019 version.
Division 22	Plumbing	22 10 05.8.4	Add an exception to allow PVC drain piping in parking garages.
Division 23	Heating, Ventilating, and Air Conditioning (HVAC)	23 05 14.2	Revised to provided thresholds for total harmonic distrotrion and specifications shall include a harmonic distortion study when VFDs are in design.
Division 26	Electrical	26 27 05 .3.7	Removed requirement for hand dryers to be on a dedicated circuit (new technology has lessened the amp draw on these devices).
Division 26	Electric	26 10 00 .3	Harmonic Distortion: New Section. Added this section to cover requirements governing allowable harmonic distortion ranges for voltage and amperage.
Division 27	Communications	27 53 19	Changed "Emergency Responder Radio System" to "Emergency Responder Communications Enhancement Systems" and changed "ERRS" to "ERCES"
Division 28	Electronic Safety and Security	28 31 00.3.2.4	Remove redundant text: Buildings that already have a POLICE AND FIRE KEY BOX that are not located by the Fire Alarm Remote Annunciator are to be relocated as well as the Building Service Master Key Core, by the project, to the Fire Alarm Remote Annunciator's location. _
Division 28	Electronic Safety and Security	28 47 53	Changed "Emergency Responder Radio System" to "Emergency Responder Communications Enhancement Systems" and changed "ERRS" to "ERCES"
Division 32	Exterior Improvements	32 00 00.2.2, .2.2.1, .2.2.2, .2.2.3,.2.2.4, .2.2.5, .2.2.6, .2.2.7	Add: Planning For Service Areas: Requirements for Loading Docks and Waste Dumpsters

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BDS Division	Division Name	Section #	BDS Revision Description
Division 32	Exterior Improvements	32 17 23.2	Add: Commentary: Vehicles with only a rear license plate are required to park head-in on OSU Columbus campus, therefore provide 60" access aisles on the passenger side of the vehicle. Where possible and for all Medical Center accessible parking provide 60" access aisles on both sides of the vehicle. Provide an accessible route from accessible parking stalls to sidewalks and avoid routes behind parked vehicles.
Appendix A-FOD	FOD Building Automation System	2.03.J.10.m	Added "Discharge air sensor shall be at least 2 diameters downstream of reheat coil in round duct. Sensor shall be at least 2 times the largest dimension downstream of the reheat coil in rectangular duct."
Appendix A-FOD	FOD Building Automation System	2.03.J.11	Updated Lab controller example sketch.
Appendix A-FOD	FOD Building Automation System	2.05.B.3	Added "In cases where multiple rooms are served by 1 VAV box, temporary override pushbuttons shall be provided for each room rated for occupancy to override unoccupied schedules. "
Appendix A-FOD	FOD Building Automation System	2.05.B.5	Added "Zone schedules shall reside in the Zone AAC. Zone schedules shall utilize optimal start and stop algorithms."
Appendix A-FOD	FOD Building Automation System	2.07.M	Added "Refer to BDS articles 23 05 14 and 26 10 00.3 for design requirements ."
Appendix A-WMC	WMC Building Automation System	Part2, 2.08.M	Added "Refer to BDS articles 23 05 14 and 26 10 00.3 for design requirements ."
Appendix A-WMC	WMC Building Automation System	Part2, 2.09.D	Replaced article with, "All I/O conductors landed to controllers and terminal strips shall be clearly labeled with point/object name and BACnet object ID/number. Label shall be placed within six (6) inches of termination on each end using wire sleeve (not inside wire duct).
Appendix M	Communications Cabling Standard	III. General	Added J-hooks to be oriented vertically so cables can rest in them as designed and not the clip area designed to hold cables in place
Appendix M	Communications Cabling Standard	III. General	Clarified common installation practice of underslab conduit not needing to follow building lines and can run directly from Point A to Point B can be standard.
Appendix M	Communications Cabling Standard	IV.10	Permitted use of wireless keycard swipes on common telecom spaces

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Appendix M	Communications Cabling Standard	IV.16	Rack space needs to be reserved for UPS devices
Appendix M	Communications Cabling Standard	IV.21	Changed standard patch cord length from 1' to 3' to address patch cord length issues within the closet. Added language that cables need to properly dressed through cable management in the rack. (Intent is to allow OTDI to swap patch cords with contractor as needed to arrive at a properly patched closet without project needing to exactly design patch cord lengths for
Appendix M	Communications Cabling Standard	V.2	Added requirement that projects will need to install UPS device in closets that support life safety networking equipment
Appendix M	Communications Cabling Standard	V.4	Clarified that design intent of buildings is that Lenel headend, BAS firewall shall be co-located in MTR with main networking switch and riser fiber termination point.
Appendix M	Communications Cabling Standard	V.5	Clarified that wireless designs provided by OTDI must be integrated into CD drawing sets with appropriate labeling
Appendix M	Communications Cabling Standard	V.4	Removed requirement for cameras to be on their own patch panel.
Appendix M	Communications Cabling Standard	VI.1	Clarified red jacks shall be used in telecom rooms for security cameras
Appendix M	Communications Cabling Standard	VI.2	Added option to use dielectric armored fiber so projects do not need to bond and ground the cable as commonly needed with protective metallic sheaths
Appendix M	Communications Cabling Standard	VI.2	Riser MM fiber cable no longer part of base requirements for riser systems but can be still installed based on needs or desires of the department or building occupants
Appendix M	Communications Cabling Standard	VII.General	IPTV systems are standard
Appendix M	Communications Cabling Standard	X	Clarified language on how to meet a physically diverse entrance to match industry standards. WMC added Entrance Facility requirements including location within buildings.
Appendix O	Classroom Design Guidelines	Appendix O	Revised Appendix O updated format and geometrics requirements

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Appendix W	Laboratory Hoods, Safety Cabinets and Ventilation Systems	1.02 A.2.	Changed "Electric" to "Electrical"
Appendix W	Laboratory Hoods, Safety Cabinets and Ventilation Systems	1.04 E.1.	Clarified that the minimum fume hood face velocity is 80 FPM for design and balancing. Added commentary.