

June 2022 BDS Updates Summary ( more than 134 tems in 17 divisions and four appendices)			
BDS Division	Division Name	Section #	BDS Revision Description
Division 00	Processing the Work	00 00 00	Added Introduction and Facilities Department Organization and Function
Division 00	Processing the Work	00 00 10	Not Used - relaced by the new 00 00 00 Introduction and Facilities Department Organization and Function
Division 00	Processing the Work	00 00 11	Not Used - relaced by the new 00 00 00 Introduction and Facilities Department Organization and Function
Division 00	Processing the Work	00 00 12	Not Used - relaced by the new 00 00 00 Introduction and Facilities Department Organization and Function
Division 00	Processing the Work	00 00 13	Added "which is to include life cycle and sustainability elements" and "mid-point of construction"
Division 00	Processing the Work	00 00 14.1	Corrected Ecosystems Services section to 18 50 00
Division 00	Processing the Work	00 00 15.3.3.5	Corrected reference to 00 00 19.1.1.8
Division 00	Processing the Work	00 00 16.6	Deleted inaccurate reference to 00 00 34.
Division 00	Processing the Work	00 00 17	Updated Pre-design phase and Project Kickoff Meeting
Division 00	Processing the Work	00 00 17.1.1.3.1.11	Highlighted WMC requirements in Green
Division 00	Processing the Work	00 00 19.1.7.4	Added "Defined as the Predicted Percentage of Dissatisfied People Occupying the Space"
Division 00	Processing the Work	00 00 38.2	Not Used - Deleted since this is a OBC requirement: Stair Design: Conform to applicable Ohio Building Code provisions.
Division 00	Processing the Work	00 00 38.23	Moved: "Hand Dryer" to Divison 10 28 13.13.9
Division 00	Processing the Work	00 00 41.6	Added: Use A (Architectural), C (Civil), S (Structural), HM, (Hazardous Material), L (Landscape), T,(Technology), P (Plumbing), H (HVAC), F (Fire Suppression), E (Electrical),
Division 01	General Requirements	01 14 00	Added a Link to the Wexner Medical Center Construction Standards
Division 01	General Requirements	01 35 23	Added back: 1) Enhanced Emergency Call List, 2 ) Utility shut off plan, 3) Enhanced Excavation Permit, 4) Stock repair parts.
Division 01	General Requirements	01 40 00	Deleted 01 40 00 and moved Construction Waste Management and Disposal to 01 74 19
Division 01	General Requirements	01 51 23	added Construction Indoor Air Quality with a link to the specification
Division 01	General Requirements	01 55 00.3	Added: Provide surface protection for dumpsters

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Division 01	General Requirements	01 74 19	moved Construction Waste Management and Disposal from 01 40 00 with reference to 18 60 40 Construction and Demolition
Division 02	Existing Conditions	02 03 42	Added "REMOVAL AND SALVAGE OF PERIOD CONSTRUCTION MATERIALS"
Division 02	Existing Conditions	02 40 00.2	Revised to include mechanism for early clarify design phase coordination without a variance required and clarified only underground pipe 4"or larger needs to be filled.
Division 02	Existing Conditions	02 40 00.3	Added article for equipment demolition and early design phase coordination without a variance request.
Division 03	Concrete	03 00 00.1	Revised to clarify applicability to not include rigid pavement and refer to Div 32
Division 03	Concrete	03 00 00.4	Deleted-Remove requirements for timing of concrete mix design submittals (incl ACI 301)
Division 03	Concrete	03 00 00.7	Deleted - Remove excavation tolerance requirements (incl ACI 117)
Division 03	Concrete	03 00 00.9	Reference ACI 360 for SOG contraction joints in lieu of specific limit that is not fully applicable to a range of construction types and situations commonly encountered
Division 03	Concrete	03 30 00.1	Change site observation to better align with typical contract terms regarding hours required on site
Division 03	Concrete	03 30 00.2	Remove testing requirements and replace with industry standard publication references
Division 03	Concrete	03 30 00.2.1	Clarify minimum required concrete test samples
Division 03	Concrete	03 30 00.2.2	Clarify minimum required concrete test samples
Division 03	Concrete	03 30 00.3.1	Delete minimum compressive strength requirements
Division 03	Concrete	03 30 00.3.2	Delete minimum compressive strength requirements
Division 03	Concrete	03 30 00.3.8	Delete redundant BDS provision
Division 03	Concrete	03 30 00.3.9	Delete requirement for 25% increase on ACI clear cover
Division 03	Concrete	03 30 00.3.11	Deleted - Remove requirements for temperature restrictions on placement (incl ACI 305 & 306)
Division 03	Concrete	03 30 00.3.12	Clarified wording on UE approval of precast, prestressed and post-tensioned elements

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Division 03	Concrete	03 30 00.3.13	Deleted - Remove requirements for mix design portioning (incl ACI 301)
Division 04	Masonry	04 05 13	Added: Specification for Mortar for Unit Masonry. Mortars for historic masonry specify using ASTM C1713 Specification for Mortars for the repair of Historic Masonry
Division 04	Masonry	04 05 23.1	Added: shall be used. Deleted: are preferred over treated sash cord or rope.
Division 07	Thermal and Moisture Protection	07 20 00.1	Added: Insulation boards shall be free of the following ozone-depleting blowing agents: hydrofluorocarbons (HFCs), hydrochlorofluorocarbons (HCFCs), and chlorofluorocarbons (CFCs)
Division 07	Thermal and Moisture Protection	07 22 00.5	Added: Insulation boards shall be free of the following ozone-depleting blowing agents: hydrofluorocarbons (HFCs), hydrochlorofluorocarbons (HCFCs), and chlorofluorocarbons (CFCs)
Division 07	Thermal and Moisture Protection	07 72 00.5	Added: Snow Guard Protection
Division 08	Openings	08 70 30.1.1	Added Attic Stock requirements for doors
Division 08	Openings	08 70 30.9	Added "OSU POLICE AND FIRE KEYBOX-PROPRIETARY DESIGN" requirements
Division 08	Openings	08 71 20.1.10	Added "No substitutions/No equals"
Division 08	Openings	08 71 30	Deleted "Stanley D4550"; added Dorma 8916 – interior use  Dorma 8956 – exterior use  Hager 5100 series – interior use only  Norton 7500 series – interior and exterior use, and added "All parallel arm applications to be provided with heavy duty, non-adjustable arms."

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Division 08	Openings	08 71 90 .1	Added "SFIC" and "The key shall be stamped with O.S.U. (referencing THE OHIO STATE UNIVERSITY) and shall include "DUPLICATION UNLAWFUL", verbiage is selected based on ORC Section 3345.13   Duplication of keys prohibited.
Division 08	Openings	08 71 90.3	Deleted "Stanley Best Access Security Solutions"
Division 08	Openings	08 71 90.4	Deleted "Access Security Solutions"
Division 08	Openings	08 74 00.8.3	Changed Best part numbers to 45HW Series
Division 10	Specialties	10 21 13.5	Added Grab Bar requirements
Division 10	Specialties	10 28 13.13	Updated list of manufacturers of toilet accessories
Division 10	Specialties	10 28 13 13.9	Moved: "Hand Driver" from Division 00 0038.23
Division 11	Equipment	11 01 92.2.1.3	deleted "particular"
Division 11	Equipment	11 01 92.3	Changed the Roof Safety Line from 10' to 15' to meet OSHA requirements
Division 11	Equipment	11 01 92.6	added: Service of mechanical equipment between the safety line and the roof edge shall require a guardrail system or require an outside contractor, responsible for their own fall protection.
Division 11	Equipment	11 01 92.2.4.1	change "a potential" to "the potential"
Division 11	Equipment	11 01 92.2.4.3	added "All"
Division 11	Equipment	11 01 92.2.4.5	changed "a protection" to "protection"
Division 18	Sustainability	18 20 60 - 18 80 60	Multiple instances of "should" were replaced with "shall".
Division 18	Sustainability	18 20 50 - 18 40 50	Added multiple articles related to resiliency.
Division 18	Sustainability	18 10 30	Added multiple definitions.
Division 18	Sustainability	18 20 60.2	Replaced BECx Applicability Matrix
Division 18	Sustainability	18 30 35.1	Revised to comply with Appendix A requirements.
Division 18	Sustainability	18 30 40.3	Removed Note at bottom of article.
Division 18	Sustainability	18 40 40.6.1	Added: WMC requirements to consider the emergency use of once-through cooling with potable water.
Division 18	Sustainability	18 60 40	Deleted Construction and Demolition section. Added reference to Division 01 74 19.
Division 18	Sustainability	18 70 30.2 and .3	Revised .2 to provide reference to 01 51 10. Deleted .3.
Division 18	Sustainability	18 70 60.3.2	Revised: To reference Building Automation group of project owner
Division 18	Sustainability	18 90 00	Added Access and Connectivity section.

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Division 21	Fire Suppression	21 00 03.2.1	Added: Floor plans shall include column lines, room numbers, Key Plan, and a north arrow.
Division 21	Fire Suppression	21 00 03.5	Revised: WMC sprinkler head type to concealed
Division 22	Plumbing	22 00 03.3.1	Added: Floor plans shall include column lines, room numbers, Key Plan, and a north arrow.
Division 22	Plumbing	22 47 00	Added: Drinking Fountains, Water Coolers and Bottle Fillers
Division 22	Plumbing	22 05 25.1.2	Revised: Valve tags nomenclature to match 23 05 25.10
Division 22	Plumbing	22 05 25.1.4.4	Revised: WMC Flush Valve Diaphragm Style
Division 22	Plumbing	22 07 19 .1	Revised: Piping insulation to be per ASHRAE 90.1 as adopted by Division 18
Division 22	Plumbing	22 20 06.1.5	Revised: Design of Systems to be per ASHRAE 90.1 as adopted by Division 18
Division 22	Plumbing	22 20 06.1.5	Revised: WMC requirements for use of heat exchangers to preheat DHW
Division 22	Plumbing	22 40 00.3.7	Revised: WMC requirements for fixtures with mixing valves
Division 22	Plumbing	22 60 00.2	Revised: WMC requirements for master alarm panels in facilities not operating continuously
Division 22	Plumbing	22 62 00.3	Revised: WMC requirements clarifying WAGD piping in accordance with NFPA 99 standards
Division 23	Heating, Ventilating and Air Conditioning (HVAC)	23 00 03.2.1	Added "Key Plan"
Division 23	Heating, Ventilating and Air Conditioning (HVAC)	23 00 03.6	Revised General Naming Convention table to 4 digit building number.
Division 23	Heating, Ventilating and Air Conditioning (HVAC)	23 00 03.15.6	Added: WMC requirements regarding sizing of equipment
Division 23	Heating, Ventilating and Air Conditioning (HVAC)	23 00 03.15.11	Added: WMC requirements for equipment schedules
Division 23	Heating, Ventilating and Air Conditioning (HVAC)	23 00 03.15.12	Added: WMC requirements for humidifier selections
Division 23	Heating, Ventilating and Air Conditioning (HVAC)	23 20 09.3.1	Added: WMC requirements for inverted bucket steam traps
Division 23	Heating, Ventilating and Air Conditioning (HVAC)	23 20 09.3.3	Added: WMC requirements for thermodynamic steam traps

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Division 23	Heating, Ventilating and Air Conditioning (HVAC)	23 20 09.3.4	Added: WMC requirements Float and thermostatic steam traps
Division 23	Heating, Ventilating and Air Conditioning (HVAC)	23 33 00.1.7	Added: WMC requirements clarifying closure temperature compliance with NFPA 90A and OBC
Division 23	Heating, Ventilating and Air Conditioning (HVAC)	23 40 00.9.2	Added: WMC requirements for AE to design for periodic testing
Division 23	Heating, Ventilating and Air Conditioning (HVAC)	23 60 05.1.1	Added: WMC requirements for fins to be spaced no more than 12 fins per inch
Division 23	Heating, Ventilating and Air Conditioning (HVAC)	23 60 05.2	Added: WMC requirements for piping unions located to facilitate service of equipment
Division 23	Heating, Ventilating and Air Conditioning (HVAC)	23 64 05.1	Added: WMC requirements to not use screw type chiller
Division 23	Heating, Ventilating and Air Conditioning (HVAC)	23 80 17.7	Revised requirements of zero energy potential, and double block and bleed requirements
Division 26	Electrical	26 00 03.2.1.3	added: All Electrical floor plans shall include column lines, room numbers, Key Plan, and a north arrow.
Division 26	Electrical	26 00 03.4	Deleted "Best Access Systems" and added "that accept 7 pin small format interchangeable cores" Refer to Division 08 30 00
Division 26	Electrical	26 05 15.2.12	Added more requirements around medical grade MC cable for OSUMC
Division 26	Electrical	26 05 53.1.1	Clarified conduit markings for OSUMC
Division 26	Electrical	26 05 53.1.2	Clarified J-Box markings for OSUMC
Division 26	Electrical	26 05 53.2.7	In OSUMC labeling added building number requirement for new construction
Division 26	Electrical	26 05 53.2.7	In OSUMC labeling changed "Neuroscience" to "Harding/Neuro" per OSUMC
Division 26	Electrical	26 30 10.2.11	Clarified emergency lighting requirements apply to outdoor generators as well as indoor generators

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Division 26	Electrical	26 58 00.2	Added requirements that existing buildings that are renovated shall have the existing lighting control system manufacturer matched for lighting control work
Division 27	Communications	27 52 23.3	Added shade control to the lighting relay for patient rooms
Division 27	Communications	27 52 23.3	Changed the lighting relay location above the ceiling from above entryway to corridor outside of patient rooms
Division 28	Electronic Safety and Security	28 31 00.2.6	Added med center standard that notification devices be labeled "FIRE"
Division 28	Electronic Safety and Security	28 31 00.3.2.4	Added: OSU POLICE AND FIRE KEYBOX requirements and Part Number 10169329
Division 28	Electronic Safety and Security	28 47 53.8.3	Added Zinwave to approved manufactures for FOD ERRS systems
Division 32	Exterior Improvements	32 13 13.1	Moved the formerly referenced COC and ODOT CMS in Division 3 to Division 32 to cover the exterior concrete
Division 32	Exterior Improvements	32 13 13.2	Renamed Class C concrete to Class QC Misc. to reflect the change in COC CMS
Appendix A-FOD	FOD Building Automation System	1.01.B.9	Removed the additional 12 months of programming support.
Appendix A-FOD	FOD Building Automation System	2.03.K	Revised item 3 and added items 4, 5, and 6.
Appendix A-FOD	FOD Building Automation System	2.07.O	Revised to clarify a BACnet MS/TP router.
Appendix A-FOD	FOD Building Automation System	3.02.E	Revised to clarify turn over at the conclusion of the one year warranty.
Appendix A-WMC	WMC Building Automation System	1.01.A	Minor additions for clarity.
Appendix A-WMC	WMC Building Automation System	1.01.C.2	Added clarifying statement to wiring.
Appendix A-WMC	WMC Building Automation System	1.01.C.8	Clarified circuit ampacity
Appendix A-WMC	WMC Building Automation System	1.02.B.1	
Appendix A-WMC	WMC Building Automation System	1.03.C	Added clarifying phrase.
Appendix A-WMC	WMC Building Automation System	1.03.D	Revised radius from 50 miles to 2.5 hours.
Appendix A-WMC	WMC Building Automation System	2.01.C.3	Added article.
Appendix A-WMC	WMC Building Automation System	2.02.D.2 / 2.03.J.10	Added USB jack option.
Appendix A-WMC	WMC Building Automation System	2.02.M	Revised article.
Appendix A-WMC	WMC Building Automation System	2.03.E.1	Revised article.
Appendix A-WMC	WMC Building Automation System	2.04.E.k	Added article.
Appendix A-WMC	WMC Building Automation System	2.07.D	Added to first paragraph of article.

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Appendix A-WMC	WMC Building Automation System	2.08.G	Deleted item 2 and renumbered.
Appendix A-WMC	WMC Building Automation System	3.01.A	Added article.
Appendix B	Requirements For Access	609.8	Added: Structural Strength and Anchors and Fastener requirements.
Appendix V	Safety Health and Environment	Part 4- A.	Add a reference to the Link at 01 14 00.9 for the 01 14 00 Wexner Medical Center Construction Standards
Design Deliverables Spreadsheet	General	Pre-Design, Schematic Design, Design Development, & Construction Documents	Clarify SAM requirements
Design Deliverables Spreadsheet	Site/Civil	Pre-Design, Schematic Design, Design Development, & Construction Documents	Added line for no scope needed in the project
Design Deliverables Spreadsheet	Site/Civil	Pre-Design	Tree Survey to be included in site plan
Design Deliverables Spreadsheet	Architectural	Pre-Design, Schematic Design, Design Development, & Construction Documents	Added line for no scope needed in the project
Design Deliverables Spreadsheet	Architectural	Schematic Design, Design Development, & Construction Documents	Added requirement for key plan and column grids on each sheet
Design Deliverables Spreadsheet	Structural	Pre-Design, Schematic Design, Design Development, & Construction Documents	Added line for no scope needed in the project
Design Deliverables Spreadsheet	Structural	Design Development, & Construction Documents	Added requirement for key plan and column grids on each sheet
Design Deliverables Spreadsheet	HVAC	Pre-Design, Schematic Design, Design Development, & Construction Documents	Added line for no scope needed in the project
Design Deliverables Spreadsheet	HVAC	Schematic Design, Design Development, & Construction Documents	Added requirement for key plan and column grids on each sheet



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Design Deliverables Spreadsheet	HVAC	Design Development	Added requirements for calculations to align with BDS requirements
Design Deliverables Spreadsheet	HVAC	Design Development	Added requirement for schematic one-line diagrams to align with BDS requirements
Design Deliverables Spreadsheet	HVAC	Design Development	Clarify CxP review of HELPT to coordinate updated SAM
Design Deliverables Spreadsheet	HVAC	Construction Documents	Clarify Equipment Room plans to include clearances and valve chart
Design Deliverables Spreadsheet	HVAC	Construction Documents	Clarify Special Details to include steam piping diagram and details
Design Deliverables Spreadsheet	Electrical	Pre-Design, Schematic Design, Design Development, & Construction Documents	Added line for no scope needed in the project
Design Deliverables Spreadsheet	Electrical	Schematic Design, Design Development, & Construction Documents	Added requirement for key plan and column grids on each sheet
Design Deliverables Spreadsheet	Electrical	Design Development	Clarify Site Plan to include Building Exterior Lighting and details
Design Deliverables Spreadsheet	Plumbing	Pre-Design, Schematic Design, Design Development, & Construction Documents	Added line for no scope needed in the project
Design Deliverables Spreadsheet	Plumbing	Schematic Design, Design Development, & Construction Documents	Added requirement for key plan and column grids on each sheet
Design Deliverables Spreadsheet	Plumbing	Design Development	Added requirements for calculations to align with BDS requirements

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Design Deliverables Spreadsheet	Plumbing	Construction Documents	Clarify Equipment Room plans to include clearances and valve chart
Design Deliverables Spreadsheet	Fire Protection	Pre-Design, Schematic Design, Design Development, & Construction Documents	Added line for no scope needed in the project
Design Deliverables Spreadsheet	Fire Protection	Schematic Design, Design Development, & Construction Documents	Added requirement for key plan and column grids on each sheet
Design Deliverables Spreadsheet	Landscape	Pre-Design, Schematic Design, Design Development, & Construction Documents	Added line for no scope needed in the project
Design Deliverables Spreadsheet	Landscape	Design Development	Clarify Site Plan to include Bike Parking