

December 2022 BDS Updates Summary ( more than 43 items in nine divisions and three appendices)			
BDS Division	Division Name	Section #	BDS Revision Description
Division 00	Processing the Work	00 00 17.2.10	Updated reference section to correct section 18 80 00
Division 00	Processing the Work	00 00 17.2.17	Design Stage Deliverables Checklist link updated with latest checklist
Division 00	Processing the Work	00 00 18.2.11.4	Removed year from ASHRAE 62.1 listed, added (referenced by Ohio Building Code)
Division 00	Processing the Work	00 00 38.3	Add minimum roof dead load requirements for storage facilities and barns
Division 00	Processing the Work	Design Deliverable Checklist	All design stages - Updated formatting to include "N/A- not in project scope" for each discipline
Division 00	Processing the Work	Design Deliverable Checklist	All design stages - Include keyplans and column lines on plan sheets
Division 00	Processing the Work	Design Deliverable Checklist	All design stages - Add detail to SAM deliverable to coordinate with BDS details
Division 00	Processing the Work	Design Deliverable Checklist	Pre-Design - Add detail to Sustainability Charrette Narrative deliverable to include Embodied Carbon Worksheet
Division 00	Processing the Work	Design Deliverable Checklist	Pre-Design - Add Tree Survey to Site/Civil
Division 00	Processing the Work	Design Deliverable Checklist	Design Development - Update HVAC submittal requirements to coordinate with BDS
Division 00	Processing the Work	Design Deliverable Checklist	Design Development - Update Electrical submittal requirements to include building exterior lighting
Division 00	Processing the Work	Design Deliverable Checklist	Design Development - Update Plumbing submittal requirements to include calculations
Division 00	Processing the Work	Design Deliverable Checklist	Design Development - Update Landscape submittal requirements to include bike parking
Division 00	Processing the Work	Design Deliverable Checklist	Construction Documents - Update HVAC submittal requirement "Special Details"
Division 00	Processing the Work	Design Deliverable Checklist	Construction Documents - Update Plumbing submittal requirement "Special Details"
Division 03	Concrete	03 00 01	New- Reference Division 18 Sustainability Requirements
Division 03	Concrete	03 30 00.3.1.1	Require Type II cement (portland limestone cement) in lieu of portland cement
Division 03	Concrete	03 30 00.3.1.2	Prohibit "neat" mixes
Division 03	Concrete	03 30 00.3.1.3	Reference 18 60 00 to coordinate sustainability requirements
Division 5	Metals	05 51 00.1	Deleted "Student Life: Metal stairs shall be stainless steel in high traffic or high visibility areas with concrete stair treads and cast metal nosing."
Division 6	Wood, Plastic and Composites	06 10 00.4	Add wood posts and columns shall not be in direct contact with earth
Division 6	Wood, Plastic and Composites	06 16 00.3	Add CFAES: OSB prohibited
Division 6	Wood, Plastic and Composites	06 16 00.3	Add CFAES: interior sheathing shall be exterior grade plywood 8' above the finished floor
Division 18	Sustainability	18 20 40.2	Removed hyperlinks to ASTM E2813 and ASTM E2947-14 due to link not going directly to the viewable document, lack of OSU control of the URL address, and probability that actual BECx's already have and are familiar with these documents.
Division 18	Sustainability	18 30 40.1	Site EUI Target Calculation Requirements clarified Single and Mixed Use building definition and calculation requirements.
Division 18	Sustainability	18 40 40.1.11.3	Clarified that building type and use areas shall match those used in Site EUI Target Calculation for WUI Calculation
Division 18	Sustainability	18 80 60	Added requirement to LCCA to submit digital BLCC5 as part of design review process
Division 18	Sustainability	18 90 00	Multiple formatting changes throughout section. No change to content.
Division 22	Plumbing	22 05 25.1.2	Clarified Valve tag location because Valve Tags have been torn off if located on the handle/wheel of a valve
Division 22	Plumbing	22 05 25.1.3	Clarified electronic naming of valve chart PDF for ease of adding chart into the CMS/Tableau system for each building.
Division 22	Plumbing	22 05 25.1.3	Added requirement for WMC valve number directory to be noted on the as-builts, to match the same requirement of HVAC valves from Division 23 for WMC projects
Division 22	Plumbing	22 10 05.8.3	Updated acid waste piping material. Removed Duriron as no longer manufactured in the US. Added CPVC as option after commentary issues have been addressed as has been done for several approved variance requests.
Division 22	Plumbing	22 10 05.8.4 Commentary	Added CPVC use in commentary regarding issues to address when requesting the use of CPVC for projects as they are the same as PVC issues.
Division 22	Plumbing	22 40 00.3.1	Added exception to wall mounted water closet for direct replacements of floor mounted water closets in renovations
Division 23	Heating, Ventilating and Air Conditioning (HVAC)	23 05 25.10	Clarified location of valve tag to be on stationary part of valve as they get ripped off if installed on wheel
Division 23	Heating, Ventilating and Air Conditioning (HVAC)	23 20 03 .1.3	Clarified electronic naming of valve chart PDF for ease of adding chart into the CMS/Tableau system for each building.
Division 23	Heating, Ventilating and Air Conditioning (HVAC)	23 20 03.2.2	Clarified campus steam to be distributed at nominal 200 psig and steam piping designed for 250 psig and 680 deg F since the relief valves at the plant are set to 230 psig.
Division 23	Heating, Ventilating and Air Conditioning (HVAC)	23 80 17 .3	Clarified campus steam stations process high pressure steam at a nominal 200 psig.
Division 26	Electrical	26 30 10.2.5	Added language differentiating primary generator annunciators from secondary with labeling.
Division 28	Electronic Safety and Security	28 10 10.8.4.1	Added language differentiating primary generator annunciators from secondary with labeling.
App_A-FOD	FOD Building Automation System	1.01.B.1	Struck "by Pittsburgh" from Corporate Branch. There is now an ALC Corporate branch in Toledo.
App_A-WMC	WMC Building Automation System	3.01.B	Added article to use ASHRAE Guideline 36 - 2021 SOOs and OSUMC exceptions to Guideline 36.
App_U	Building Steam Systems and Utilization Design Criteria	1.b.i	Revised design criteria to coordinate with Div 23 steam design criteria.
App_U	Building Steam Systems and Utilization Design Criteria	3.a	Added that the design pressure/temperature for high pressure steam is a nominal pressure and temperature.