



Division 04 Masonry

04 05 00 Common Work Results for Masonry

04 05 10 General Requirements for Masonry

1. Masonry work for all UW-Madison facilities shall comply with all the provisions of the latest version of the Division of Facilities Development (DFD) *Minimum Requirements and Guidelines for the Exterior Building Envelope*, which is available from the DFD website.
2. References within the DFD Guidelines regarding the DFD Project Manager shall apply to the UW-Madison Project Manager on UW-Madison Managed Projects.
3. Project Specifications shall use as their basis all appropriate sections of the latest edition of the DFD Master Specifications.
4. Deviations from DFD's Minimum Design Guidelines or the DFD Master Specification sections shall be made only upon approval from the UW-Madison Project Manager.
5. The *Guidelines for Planning and Design of UW-Madison Facilities* shall take precedence over DFD Guidelines, but the A/E shall discuss all conflicts within the guidelines and specifications with the UW-Madison Project Manager.
6. The goals and guiding principles of the UW-Madison Campus Master Plan (latest edition) shall be considered and referenced as part of the planning, design, detailing, and material selection for every project.
7. The campus does not permit the use of shelf relief angles to support exterior masonry on a building with less than 4 or 5 stories.
8. Water-resistant sealer shall not be used on the face of brick or stone. Use of water-resistant sealer on the face of any concrete shall be approved by UW-Madison Civil Engineer.
9. Paint shall not be used on the face of exterior brick or stone.
10. Weep holes in brick shall be fitted with louvered inserts with fine stainless mesh to prevent insects from entering and infesting the building interior. Inserts are not permitted in open head joints.
11. Cavity drainage material is not permitted.
12. A complete recycling plan is required for stone and brick on demolition projects. The contractor shall provide the means and methods for storing the stone and brick for the campus (within the project limits or off campus) and shall verify with the UW-Madison Grounds Department where the stone or brick will be stored.
13. Concrete Masonry Units with water resistant filler is recommended to be used on animal areas. Gypsum Wall Board is not recommended.



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14. Brick and CMU walls shall not extend below grade or below the surface of the adjacent pavements and sidewalks. At least 2 inches of the foundation shall be exposed above the level of the grade / pavement / sidewalk.
 15. Locate anchors and fasteners at mortar joints. Avoid installations into the masonry.
 16. New metal fasteners installed in existing exterior masonry shall be stainless steel.
 17. Mortar repair shall match existing mortar mix type, color, texture, and tooling.
 18. Sealants shall not be used to repair mortar joints, except at sky joints.
 19. In the construction documents, provide details of the mockup and show its location on the site plan. Also, describe if the mockup is to be for constructability, or aesthetics, or materials or all the above or if the contractor can just provide samples of materials.