

The 2011 MSJC Working Draft represents a continued evolution of the 2008 MSJC document. It includes technical progress in many areas, with major changes summarized below.

- The 2011 MSJC will reference ASCE7-10 and revisions have been incorporated throughout the document to make it consistent with this edition of ASCE 7.
- Recalibration of stresses resulting in the removal of the 1/3 stress increase and harmonization of the ASD and SD shear provisions has been done. This has been a high priority item for several cycles and is an accomplishment this Committee is proud to have completed. The ongoing conflict between the MSJC ASD loading provisions permitting the 1/3 stress increase and the ASCE 7-05 prohibition of the 1/3 stress increase has been eliminated. The committee used both research data and trial designs as a basis for the revisions. The correlation between the strength predicted by the equations and the values bound by test is much better with the new provisions and this should increase confidence in the design.
- Appendix A - Strength Design of Autoclaved Aerated Concrete (AAC) Masonry, has moved to Chapter 8.
- A new Appendix B - Design of Masonry Infill, has been added.
- Deep beam provisions have been added.
- Lap splices are permitted to be reduced where transverse reinforcement is placed within 8" of the end of the splice if it is fully developed in grouted masonry.
- The beneficial effect of larger cover for computation of development length has been changed.
- Anchor bolt installation requirements have been revised.
- The document now refers to only "running bond" and "not in running bond" rather than stack bond or other bond patterns.
- Strength of reinforcement in compression is permitted when checking the maximum reinforcement requirement but is still ignored when computing nominal strength.
- For walls with laterally restrained or laterally unrestrained unbounded prestressing tendons, a revised equation has been incorporated in the document.
- Commentary guidance on seismic coefficients for prestressed masonry shear walls has been added.
- Adhered dimension stone provisions were added.
- Clarification has been added indicating that drips are not permitted in wire anchors and joint reinforcement cross wires and tabs.
- Provisions for single pintle anchors have been added.
- Quality assurance requirements for AAC masonry were expanded and clarified.
- The maximum usable strain for Class 2 AAC masonry has been changed to 0.0012 but remains at 0.003 for Class 4 AAC and higher.
- Provisions for nominal sliding shear strength have been added for the interface of AAC and thin-bed mortar.
- Grout pour heights were increased slightly to accommodate modular construction dimensions.
- Prism testing provisions for specimens cut from construction were included.
- Editorial guidelines were drafted and implemented resulting in much more consistency across the document.

In addition to the above changes, numerous other minor changes, enhancements and editorial changes were made as shown in the Working Draft of Changes proposed to the 2011 MSJC Code and Specification.