2011 to 2013 MSJC Cross Reference List
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2011 MSJC Section	2013 MSJC Section	Comments
1.1 - Scope	1.1	
1.1.1 – Minimum requirements	1.1.1	
1.1.2 - Governing building code	1.1.2	
1.1.3 Design procedures	Deleted	
1.1.4 – SI information	1.1.3	
1.2 – Contract documents and calculations	1.2	
1.2.1	Deleted	
	1.2.2 New	Moved from 2.1.3.2 and modified
1.2.2	1.2.1	
1.2.3	1.2.3	
1.2.4	1.2.4	
1.3 – Approval of special systems of design or construction	1.3	
1.4 – Standards cited in this Code	1.4	
	Chapter 2 Notation and Definitions	
1.5 – Notation	2.1	
1.6 – Definitions	2.2	
1.7 – Loading	4.1	
1.7.1 – General	4.1.1	
1.7.2 – Load provisions	4.1.2	
1.7.3 – Lateral load resistance	4.1.3	
1.7.4 – Load transfer at horizontal connections	4.1.4	
1.7.5 – Other effects	4.1.5	
1.7.6 – Lateral load distribution	4.1.6	
1.8 – Material properties	4.2	
1.8.1 – General	4.2.1	
1.8.2 – Elastic moduli	4.2.2	
1.8.3 – Coefficients of thermal expansion	4.2.3	
1.8.4 – Coefficient of moisture expansion for clay masonry	4.2.4	
1.8.5 – Coefficients of shrinkage	4.2.5	
1.8.6 – Coefficients of creep	4.2.6	
1.8.7 – Prestressing steel	4.2.7	
1.9 – Section properties	4.3	
1.9.1 – Stress computations	4.3.1	
1.9.2 – Stiffness	4.3.2	
1.9.3 – Radius of gyration	4.3.3	
1.9.4 – Intersecting walls	5.1.1	

2011 to 2013 MSJC Cross Reference List
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2011 MSJC Section	2013 MSJC Section	Comments
1.9.5 – Bearing area	4.3.4	
1.9.6 – Effective compressive width per bar	5.1.2	
1.9.7 – Concentrated loads	5.1.3	
1.10 – Connection to Structural Frames	4.4	
1.11 – Masonry not laid in running bond	4.5	
1.12 - Corbels	5.5	
1.13 - Beams	5.2	
1.13.1 – General beam design	5.2.1	
1.13.2 - Deep beams	5.2.2	
1.14 – Columns	5.3	
1.14.1 – General column design	5.3.1	
1.14.2 – Lightly loaded columns	5.3.2	
1.15 - Pilasters	5.4	
1.16 – Details of reinforcement and metal accessories	6.1	
1.16.1 – Embedment	6.1.1	
1.16.2 – Size of reinforcement	6.1.2	
1.16.3 – Placement of reinforcement	6.1.3	
1.16.4 – Protection of reinforcement and metal accessories	6.1.4	
1.16.5 – Standard hooks	6.1.5	
1.16.6 – Minimum bend diameter for reinforcing bars	6.1.6	
1.17 – Anchor Bolts	6.2	
1.17.1 – Placement	6.2.1	
1.17.2 – Projected area for axial tension	6.2.2	
1.17.3 – Projected area for shear	6.2.3	
1.17.4 – Effective embedment length for headed anchor bolts	6.2.4	
1.17.5 – Effective embedment length for bent-bar anchor bolts	6.2.5	
1.17.6 – Minimum permissible effective embedment length	6.2.6	
1.17.7 – Anchor bolt edge distance	6.2.7	
1.18 – Seismic design requirements	Chapter 7	
1.18.1 – Scope	7.1	
1.18.2 – General analysis	7.2	
1.18.3 - Element classification	7.3	
1.18.4 – Seismic Design Category requirements	7.4	

2011 to 2013 MSJC Cross Reference List
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2011 MSJC Section	2013 MSJC Section	Comments
1.19 – Quality Assurance program	3.1	
1.19.1 – Level A Quality Assurance	3.1.1	
1.19.2 – Level B Quality Assurance	3.1.2	
1.19.3 – Level C Quality Assurance	3.1.3	
1.19.4 - Level D Quality Assurance	3.1.4	
1.19.5 – Qualifications	3.1.5	
1.19.6 – Acceptance relative to strength requirements	3.1.6	
1.20 - Construction	3.2	
1.20.1 – Grouting, minimum spaces	3.2.1	
1.20.2 – Embedded conduits, pipes, and sleeves	3.2.2	
Chapter 2: Allowable Stress Design of Masonry	Chapter 8: Allowable Stress Design of Masonry	
2.1 - General	8.1	
2.1.1 - Scope	8.1.1	
2.1.2 – Load combinations	4.1.2	Deleted but similar provisions are in 4.1.2
2.1.3 – Design Strength	8.1.2	
2.1.4 – Anchor bolts embedded in grout	8.1.3	
2.1.5 – Multiwythe walls	8.1.4	Most requirements moved to 5.1.4, with allowable shear stresses in 8.1.4
2.1.6 - Bearing Stress	8.1.5	
2.1.7 – Development of reinforcement embedded in grout	8.1.6	
2.2 – Unreinforced masonry	8.2	
2.2.1 - Scope	8.2.1	
2.2.2 – Stress in reinforcement	8.2.3 (d)	
	8.2.2 – Design criteria	New Section 8.2.2 added
	8.2.3 Design assumptions	New section 8.2.3 added
2.2.3	8.2.4	
2.2.4 – Axial tension	8.2.5	
2.2.5 - Shear	8.2.6	
2.3 – Reinforced masonry	8.3	
2.3.1 – Scope	8.3.1	
2.3.2 - Design assumptions	8.3.2	
2.3.3 – Steel reinforcement – Allowable stresses	8.3.3	
2.3.4 – Axial compression and flexure	8.3.4	
2.3.5 – Axial tension and flexure	8.3.2 (f)	

2011 to 2013 MSJC Cross Reference List
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2011 MSJC Section	2013 MSJC Section	Comments
2.3.6 - Shear	8.3.5	
Chapter 3: Strength Design of Masonry	Chapter 9: Strength Design of Masonry	
3.1 – General	9.1	
3.1.1 – Scope	9.1.1	
3.1.2 – Required strength	9.1.2	
3.1.3 - Design strength	9.1.3	
3.1.4 – Strength-reduction factors	9.1.4	
3.1.5 – Deformation requirements	9.1.5	
3.1.6 – Anchor bolts embedded in grout	9.1.6	
	9.1.7 Shear strength in multiwythe masonry elements	New section
3.1.7 – Nominal bearing strength	9.1.8	
3.1.8 – Material properties	9.1.9	
3.2 – Unreinforced (plain) masonry	9.2	
3.2.1 - Scope	9.2.1	
3.2.1.1		Deleted
3.2.1.2		Incorporated in 9.2.2
3.2.1.3 – Design criteria	9.2.2	Design Criteria
3.2.2 – Flexural and axial strength of unreinforced (plain) masonry members	9.2.4	Title changed to Nominal flexural and axial strength
3.2.2.1 – Design assumptions	9.2.3	
3.2.2.2 – Nominal strength	9.2.4.1	
3.2.2.3 – Nominal axial strength	9.2.4.2	
3.2.2.4 – P-Delta effects	9.2.4.3	
3.2.3 – Axial tension	9.2.5	
3.2.4 – Nominal shear strength	9.2.6	
3.3 – Reinforced masonry	9.3	
3.3.1 – Scope	9.3.1	
3.3.2 – Design assumptions	9.3.2	
3.3.3 – Reinforcement requirements and details	9.3.3	
3.3.4 – Design of beams, piers, and columns	9.3.4	
3.3.5 – Wall design for out-of-plane loads	9.3.5	
3.3.5.1 - Scope	9.3.5.1	
3.3.5.2 – Moment and deflection calculations	9.3.5.4.2	
3.3.5.3 – Walls with factored axial stress of $0.20f'_m$ or less	9.3.5.4 P-delta effects	Last sentence moved to 9.3.5.3 – Nominal shear strength

2011 to 2013 MSJC Cross Reference List
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2011 MSJC Section	2013 MSJC Section	Comments
3.3.5.4 – Nominal axial and flexural strength	9.3.5.2	
3.3.5.5 - Deflections	9.3.5.5	
3.3.6 – Wall design for in-plane loads	9.3.6	
Chapter 4: Prestressed Masonry	Chapter 10: Prestressed Masonry	
4.1 - General	10.1	
4.2 – Design Methods	10.2	
4.3 – Permissible stresses in prestressing tendons	10.3	
4.4 – Axial compression and flexure	10.4	
4.5 – Axial tension	10.5	
4.6 - Shear	10.6	
4.7 – Deflection	10.7	
4.8 – Prestressing tendon anchorages, couplers, and end blocks	10.8	
4.9 – Protection of prestressing tendons and anchorages	10.9	
4.10 – Development of bonded tendons	10.10	
Chapter 5: Empirical Design of Masonry	Appendix A: Empirical Design of Masonry	
5.1 – General	A.1	
5.2 – Height	A.2	
5.3 – Lateral stability	A.3	
5.3.1	A.3.1	
5.4 – Compressive stress requirements	A.4	
5.5 – Lateral support	A.5	
5.6 – Thickness of masonry	A.6	
5.7 - Bond	A.7	
5.8 - Anchorage	A.8	
5.9 – Miscellaneous requirements	A.9	
Chapter 6: Veneer	Chapter 12: Veneer	
6.1 - General	12.1	
6.2 – Anchored veneer	12.2	
6.3 – Adhered veneer	12.3	
Chapter 7: Glass Unit Masonry	Chapter 13: Glass Unit Masonry	
7.1 - General	13.1	

2011 to 2013 MSJC Cross Reference List
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2011 MSJC Section	2013 MSJC Section	Comments
7.2 – Panel size	13.2	
7.3 - Support	13.3	
7.4 – Expansion joints	13.4	
7.5 – Base surface treatment	13.5	
7.6 – Mortar	13.6	
7.7 - Reinforcement	13.7	
Chapter 8: Strength Design of AAC Masonry	Chapter 11: Strength Design of AAC Masonry	
8.1 - General	11.1	
8.1.1 - Scope	11.1.1	
8.1.2 – Required strength	11.1.2	
8.1.3 – Design strength	11.1.3	
8.1.4 – Strength of joints	11.1.4	
8.1.5 – Strength-reduction factores	11.1.5	
8.1.6 – Strength of joints	11.1.6	
8.1.7 – Anchor bolts	11.1.7	
8.1.8 – Material properties	11.1.8	
8.1.9 – Nominal bearing strength	11.1.9	
8.1.10 - Corbels	11.1.10	
8.2 – Unreinforced (plain) AAC masonry	11.2	
8.2.1 - Scope	11.2.1	
8.2.2 – Flexural strength of unreinforced (plain) AAC masonry members	11.2.2	
8.2.3 – Nominal axial strength of unreinforced (plain) AAC masonry members	11.2.3	
8.2.4 – Axial tension	11.2.4	
8.2.5 – Nominal shear strength of unreinforced (plain) AAC masonry members	11.2.5	
8.2.6 – Flexural cracking	11.2.6	
8.3 – Reinforced AAC masonry	11.3	
8.3.1 – Scope	11.3.1	
8.3.2 – Design assumptions	11.3.2	
8.3.3 – Reinforcement requirements and details	11.3.3	
8.3.4 – Design of beams, piers, and columns	11.3.4	
8.3.5 – Wall design for out-of-plane loads	11.3.5	
8.3.5.1 – Scope	11.3.5.1	

2011 to 2013 MSJC Cross Reference List
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2011 MSJC Section	2013 MSJC Section	Comments
8.3.5.2 – Maximum reinforcement	11.3.5.2	
8.3.5.3 – Moment and deflection calculations	11.3.5.5.2	
8.3.5.4 – Walls with factored axial stress of $0.20f'_{AAC}$ or less	11.3.5.5 and 11.3.5.3	Section split into 11.3.5.5 P-delta effects and 11.3.5.3 Nominal axial and flexural strength. Last sentence moved to 11.3.5.3 – Nominal shear strength
8.3.5.5 - Deflections	11.3.5.6	
8.3.6 – Wall design for in-plane loads	11.3.6	
Appendix B: Design of Masonry Infill	Appendix B: Design of Masonry Infill	No change
	Appendix C:	Specific Sections not shown since this is new