TEK 0-0 - INDEX

TEK Index

This index contains a listing of all NCMA TEK Notes with links to each document.

Section 1 - Codes & Specifications

1-1F  ASTM Specifications for Concrete Masonry Units
1-4  Glossary of Concrete Masonry Terms

Section 2 - Unit Properties

2-1A  Typical Sizes and Shapes of Concrete Masonry Units
2-2B  Considerations for Using Specialty Concrete Masonry Units
2-3A  Architectural Concrete Masonry Units
2-4C  Segmental Retaining Wall Units
2-5B  New CM Unit Configurations Under ASTM C90
2-6  Density-Related Properties of Concrete Masonry Assemblies

Section 3 - Construction

3-1C  All-Weather Concrete Masonry Construction
3-2A  Grouting Concrete Masonry Walls
3-3B  Hybrid Concrete Masonry Construction Details
3-4C  Bracing Concrete Masonry Walls Under Construction
3-5A  Surface Bonded Concrete Masonry Construction
3-6C  Concrete Masonry Veneers
3-7A  Concrete Masonry Fireplaces
3-8A  Concrete Masonry Construction
3-9A  Strategies for Termite Resistance
3-10A Metric Concrete Masonry Construction
3-11 Concrete Masonry Basement Wall Construction
3-12 Construction of High-Rise Concrete Masonry Buildings
3-13 Construction of Low-Rise Concrete Masonry Buildings
Section 4 - Costs & Estimating

4-1A Productivity and Modular Coordination in Concrete Masonry Construction
4-2A Estimating Concrete Masonry Materials

Section 5 - Details

5-1B Concrete Masonry Veneer Details
5-2A Clay & Concrete Masonry Banding Details
5-2C CAN-TEK Clay and Concrete Masonry Banding Details
5-3A Concrete Masonry Foundation Wall Details
5-4B Concrete Masonry Residential Details
5-4B Integrating Concrete Masonry Walls with Metal Building Systems
5-6A Concrete Masonry Curtain and Panel Wall Details
5-7A Floor and Roof Connections to CM Walls
5-8B Detailing Concrete Masonry Fire Walls
5-9A Concrete Masonry Corner Details
5-10A Concrete Masonry Radial Walls
5-11 Residential Details for High Wind Areas
5-12 Modular Layout of Concrete Masonry
5-13 Rolling Door Details for Concrete Masonry Const.
5-14 Concrete Masonry Hurricane and Tornado Shelters
5-15 Details for Half-High Concrete Masonry Units
5-16 Aesthetic Design with Concrete Masonry

Section 6 - Energy & IAQ

6-1C R-Values of Multi-Wythe Concrete Masonry Walls
6-2C R-Values and U-Values for Single Wythe Concrete Masonry Walls
6-3 Shifting Peak Energy Loads With Concrete Masonry Construction
6-4B Energy Code Compliance Using COMCheck
6-5A Passive Solar Design Strategies
6-6B Determining the Recycled Content of Concrete Masonry Products
6-7A Earth-Sheltered Buildings
6-9C Concrete Masonry and Hardscape Products in LEEDTM 2009
6-10A Concrete Masonry Radiant Heating/Cooling Systems
6-11A Insulating Concrete Masonry Walls
6-12C IECC and Concrete Masonry (2003 & 2006 IBC)
6-12D Concrete Masonry in the 2009 Edition of the IECC
6-12E  Concrete Masonry in the 2012 Edition of the IECC
6-13B  Thermal Bridges in Wall Construction
6-14A  Control of Air Leakage in Concrete Masonry Walls
6-15A  Radon-Resistant Concrete Masonry Foundation Walls
6-16A  Heat Capacity (HC) Values for Concrete Masonry Walls
6-17B  Condensation Control in Concrete Masonry Walls

Section 7 - Fire Resistance

7-1C    Fire Resistance Ratings of Concrete Masonry Assemblies
7-2    Balanced Design Fire Protection
7-3A    Firestopping for Concrete Masonry Walls
7-4A    Foam Plastic Insulation in Concrete Masonry Walls
7-5A    Evaluating Fire-Exposed Concrete Masonry Walls
7-6A    Steel Column Fire Protection

Section 8 - Maintenance & Cleaning

8-1A    Maintenance of Concrete Masonry Walls
8-2A    Removal of Stains from Concrete Masonry
8-3A    Control and Removal of Efflorescence
8-4A    Cleaning Concrete Masonry

Section 9 - Mortar, Grout & Stucco

9-1A    Mortars for Concrete Masonry
9-2B    Self-Consolidating Grout for Concrete Masonry
9-3A    Plaster and Stucco For Concrete Masonry
9-4A    Grout for Concrete Masonry

Section 10 - Movement Control

10-1A    Crack Control in Concrete Masonry Walls
10-2C    Control Joints for Concrete Masonry Walls – Empirical Method
10-3    Control Joints for Concrete Masonry Walls – Alternative Engineered Method
10-4    Crack Control for Concrete Brick & other CM Veneers
Section 11 - Articulating Concrete Block (ACBs)

11-9B Articulated Concrete Block for Erosion Control
11-12A ACB Revetment Design – Factor of Safety Method
11-13 Articulating Concrete Block (ACB) Installation

Section 12 - Reinforcement & Connectors

12-1B Anchors and Ties for Masonry
12-2B Joint Reinforcement for Concrete Masonry
12-3C Design of Anchor Bolts Embedded in Concrete Masonry
12-4D Steel Reinforcement for Concrete Masonry
12-5 Fasteners for Concrete Masonry
12-6 Splices, Development & Standard Hooks for CM (2006 IBC)
12-6A Splices, Development and Standard Hooks for CM Based on the 2009 & 2012 IBC

Section 13 - Sound

13-1C Sound Transmission Class Ratings for CM Walls
13-2A Noise Control with Concrete Masonry
13-3A Concrete Masonry Highway Sound Barriers
13-4A Outdoor-Indoor Transmission Class of CM Walls

Section 14 - Structural - General

14-1B Section Properties of Concrete Masonry Walls
14-3A Designing Concrete Masonry for Wind Loads
14-4B Strength Design Provisions for Concrete Masonry
14-5A Loadbearing Concrete Masonry Wall Design
14-6 Concrete Masonry Bond Patterns
14-7B ASD of Concrete Masonry (2005 and 2008 MSJC)
14-7C ASD of Concrete Masonry (2012 IBC & 2011 MSJC)
14-8B Empirical Design of Concrete Masonry Walls
14-9A Hybrid Concrete Masonry Design
14-10B Impact Resistance of CM Correctional Facilities
14-11B Strength Design of CM Walls for Axial Load & Flexure
14-12B Seismic Design Forces on Conc. Masonry Buildings
14-13B Concrete Masonry Wall Weights
14-14 Concrete Masonry Arches
14-15B ASD of Pier and Panel Highway Sound Barrier Walls
14-16B Concrete Masonry Fence Design
Section 15 - Foundation & Retaining Walls

15-1B Allowable Stress Design of CM Foundation Walls
15-2B Strength Design of Reinforced CM Foundation Walls
15-3A Roles and Responsibilities on SRW Projects
15-4B Segmental Retaining Wall Global Stability
15-5B Segmental Retaining Wall Design
15-6 Concrete Masonry Gravity Retaining Walls
15-7B Concrete Masonry Cantilever Retaining Walls
15-8B Guide to Segmental Retaining Walls
15-9A Seismic Design of Segmental Retaining Walls

Section 16 - Structural - Multi-Wythe Walls

16-1A Multi-Wythe Concrete Masonry Walls
16-2B Structural Design of Unreinforced Composite Masonry
16-3B Reinforced Composite Concrete Masonry Walls
16-4A Design of Concrete Masonry Noncomposite Walls

Section 17 - Structural - Beams, Columns & Lintels

17-1D ASD of CM Lintels Based on 2012 IBC/2011 MSJC
17-2A Precast Lintels for Concrete Masonry Construction
17-3A Allowable Stress Design of Conc. Masonry Columns
17-4B Allowable Stress Design of CM Pilasters

Section 18 - Quality Assurance, Inspection & Testing

18-1B Evaluating the Compressive Strength of CM based on 2012IBC/2011 MSJC
18-1C Evaluating the Compressive Strength of CM based on 2015IBC/2013 MSJC
18-2C Sampling and Testing Concrete Masonry Units
18-3B Concrete Masonry Inspection
Section 19 - Water Penetration Resistance

19-1 Water Repellents for Concrete Masonry Walls
19-2B Design for Dry Single-Wythe Concrete Masonry Walls
19-3B Preventing Water Penetration in Below-Grade CM Walls
19-4A Flashing Strategies for Concrete Masonry Walls
19-5A Flashing Details for Concrete Masonry Walls
19-6A Joint Sealants for Concrete Masonry Walls
19-7 Characteristics of CMU with Integral Water Repellent

Section 20 - Manufactured Stone Veneer

20-1 Key Installation Checkpoints for Manufactured Stone Veneer

Keywords

Index