



Minutes
BUILDING CODE ADVISORY COMMITTEE
CITY AND BOROUGH OF JUNEAU
COMMITTEE MEETING

August 31, 2015
5:00 PM
Juneau Fire Station

I. Roll Call

Committee members present: Pat Gorman, Doug Murray, Chris Gianotti, and Russ McDougal..

CBJ staff present: Charlie Ford and John Young

Others present. None

II. Approval of Minutes

Minutes from June 8th approved

Minutes from July 13th approved with amendment – Revising wind speeds and load combos according to ASCE research They've switched from allowable stress to ultimate stress. Category 2 – 105 and 116 mph x 1.21. Category 3 and 4 x 1.29. Load combos x .6

III. Public Participation of Non-Agenda Items

None

IV. Completed Action Items

- Committee continues discussion of IECC adoption.
- Chris completes IBC Chapter 17, 18, 19, and 20 review.

Chapter 17

- **1704.5.2** – V and added to Risk Category – **Sig. Change**

Chapter 18

- **19.03.1803.5.2** – Geotechnical investigations; questionable soil – **Keep**
- **1803.5.7 – Excavation near foundations.** Chris suggests adding two paragraphs to the section.
Proposed Title 19 Addition: 19.03.1803.5.7 Add two paragraphs to the section “The Building Official may require that an excavation or shoring plan be developed and submitted when construction includes any excavation that may undermine or cause a slope failure that could result in damage to an existing structure or property adjacent to the excavation site. The plan shall be prepared by a Civil Engineer registered in the State of Alaska having expertise in Geotechnical Engineering.

During excavation and/or shoring, methods and conditions shall be inspected by the Engineer of Record to ensure that the approved plan is being followed.”

- **19.03.1805.1** – Dampproofing and waterproofing; where required - **Keep**
- **19.03.1809.5** – Shallow foundations; frost protection – **Keep**
- **19.03.1809.12** – Timber footings – **Keep**

Chapter 19

No title 19 or sig. changes

Chapter 20

No title 19 or sig. changes

V. Remaining Action Items

- IECC discussion. Appraisal questions. Cost-effective questions. No decision on adoption.
- Doug – Define flexible metal duct - 19.07.603.1
- Doug – Review 19.07.Table 10-A
- Doug – Check NFPA for consistency with **19.09.305.9 (305.13)**
- Charlie – Check with Gen. Eng. Concerning **Section 305.0 (2009) “Sewers Required”** deleted from 2012
- Charlie – Check with Shawn concerning **Section 316.1 (2009) “Types of Joints”** deleted from 2012
- Charlie – Compare **Section 422 “Minimum Number of Required Fixtures”** with IBC Table
- Charlie – **Section 415.0 “Drinking Fountains”** – “shall not be required for occupant load of 30 or less” - 19.03.Table 2902.1 adds a footnote “e” that states “drinking fountains are not required for occupant loads less than 60”. We need consistency.
- **605.0 – Shawn to Review - Significant Change - Joints and Connections** – Massive Rewrite and Expansion of 2009 Section. **Contains regulations on different types of piping and connectors.**
- **705.0 – Shawn to Review - Significant Change** – Massive rewrite and Expansion of 2009 Section describing regulations on different types of piping and connectors.
- **19.06.1.811.9 – Fix Typo. PVCPVC**
- **1213.3 – Shawn to Review - Test Pressure** – Change in test procedure
- **1213.6 – Shawn to Review - Purging Requirements** – Section rewritten
- **Appendix C** – Was Appendix L – Action Item – Doug
- **Committee to review 2012 IECC and discuss possible future adoption with modifications.**
- **Charlie to write New Section for IBC/UPC allowing Unisex Restrooms as an option to required separate facilities.**
- **Sections 1005.3.1 - Means of Egress Sizing – Stairways – and Section 1005.3.2 - Means of Egress Sizing – Other Egress Components** – allows reduction in egress width if building is sprinklered - check 2009 IBC to see if Significant Change - Charlie.
- Doug – 2902.1 research for deletion – **Paragraph after #2 requirement.**

VI. New Action Items

- None

VII. Old Business

- **Progress on 2012 Code Review:**
- Charlie completed 2012 IPMC review.
- Charlie completed 2012 IEBC review.
- Doug completed 2012 IFGC review.
- Doug completed 2012 IMC review.
- Doug completed 2012 UPC review.
- Joann begins 2012 IBC review (through middle of Chapter 7)
- Joann continues 2012 IBC review (through Section 1008.1.9.11)
- Dan begins 2012 IFC review (through 806.2)
- Dan continues 2012 IFC review (through 907.2.3)
- Dan completes 2012 IFC review
- Chris reviews 2012 IBC Chapter 16

VIII. New Business

- None

IX. Schedule for Next Committee Meeting

- TBD

- **Adjournment** 6:10 PM