

## Technical Resources Newsletter – email version

December 10<sup>th</sup>, 2019 – Volume 13

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# Technical Resource Centre Newsletter

December 10<sup>th</sup>, 2019 – Volume 13

### **\*\* Important update \*\***

**The Technical Resource Centre (TRC) is relocating to the new Alberta.ca platform. It is very similar to the old site, with the largest change being formatted to the new corporate identity style. Almost all of the documents on the new site are still in the same organization as the old site.**

**The old TRC site ( <http://www.infrastructure.alberta.ca/500.htm> ) will be non-operational as of February 1<sup>st</sup>, 2020.**

**Please update any links to pages and/or documents that you have to the new location. The new TRC site is located at <https://www.alberta.ca/infrastructure-technical-resources.aspx>**

*Any questions please contact Cam Munro at [cam.munro@gov.ab.ca](mailto:cam.munro@gov.ab.ca) or 780-422-7456.*

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## Links to Documents that have been added/updated since July 11<sup>th</sup>, 2019:

### Forms/Contracts/Specifications:

- [Basic Master Specifications](#)
  - 00 70 00 SFMWC
  - 00 72 00
  - 00 72 10 PMS
  - 00 72 14 SP
  - 00 73 80
  - 00 73 80 A eForm
  
- [Technical Specifications](#)
  - 02 82 01
  - 02 82 05
  - 02 82 15
  - 02 82 33
  - 02 83 19
  - 02 84 16
  - 02 84 25
  - 02 85 05
  - 02 85 16
  - 02 85 33
  - 02 91 19
  - 02 92 19
  - 02 85 00
  - 02 99 00
  - 31 21 13
  - 31 21 13.03

### Guidelines and Standards:

- Design
  - [Green Building Standard Appendix Checklist](#)
  - [Design and Technology Series – Rooftop Photovoltaics](#)



Technical Services Branch's new **Top 10 Design Things to Watch For** is a lighthearted look at some of the quality issues regularly seen in design review submissions. These are the things that keep TSB'ers up at night!

1. **Jigs, Jogs, and Shaken Plans:** Simple forms work best.
2. **Crazy Roofs:** Leaks love complexity.
3. **A Good Roof and Continuous Air Barrier:** Keep it simple, buildable, and durable.
4. **Clerestories and Simpler Glass Shapes and Sizes:** Optimize window shape, size, location, natural light/views, and sun orientation.
5. **Projections (Canopies and Overhangs):** Avoid elements that compromise building envelope principles.
6. **Wasted Volumes:** Right-size spaces in all 3 dimensions.
7. **Future Growth:** Anticipate change; design for adaptability and flexibility.
8. **Safe Sites:** Use best practices for safety and security.
9. **Follow the Sun:** Incorporate passive solar features that naturally benefit buildings and occupants.
10. **Great Common Areas:** Design for functionality and flexibility.

In addition to the list, TSB will be rolling out an accompanying Tech-Talk and "2-pager" summary. Used early, the **Top 10 Design Things to Watch For** can help intercept or prevent design issues before they get out of control. And maybe they'll help TSB'ers sleep a little more soundly at night!

A link will be posted onto the new TRC in the new year with more information on the Top Tens!!

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**TRC Quick Links:**

- [TRC main page](#)
- [Technical Specifications](#)
- [Guidelines and Standards](#)
- [Technical Design Requirements](#)
- [Newsletter Volume 1](#)
- [Newsletter Volume 2](#)
- [Newsletter Volume 3](#)
- [Newsletter Volume 4](#)
- [Newsletter Volume 5](#)
- [Newsletter Volume 6](#)
- [Newsletter Volume 7](#)
- [Newsletter Volume 8](#)
- [Newsletter Volume 9](#)
- [Newsletter Volume 10](#)
- [Newsletter Volume 11](#)
- [Newsletter Volume 12](#)

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Any questions please contact Cam Munro at [cam.munro@gov.ab.ca](mailto:cam.munro@gov.ab.ca) or 780-422-7456.

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