

# CITY OF JANESVILLE

*Wisconsin's Park Place*

February 25, 2016

Dear Contractor,

As we enter another construction season, I would like to take this opportunity to provide you with some important information, including water meter installation, Erosion Control requirements and recent UDC Code changes adopted by the State of Wisconsin.

The PSC requires that the City of Janesville track all water usage which requires a temporary water meter be issued to all construction sites. The city water department can place a temporary meter once the site is plumbed to allow for the installation and measures are in place to prevent freezing of the water supply. This will allow for a supply of water during construction.

Erosion control is a requirement of the State of Wisconsin Uniform Dwelling Code and the Department of Natural Resources (DNR). Erosion control must be maintained at a construction site from the time construction activity begins until the disturbed areas are stabilized. Also under the DNR NR 216 Storm Water Discharge Permits, Janesville is a Phase 2 community and therefore, holds a Municipal WPDES Permit from the DNR. This permit requires the City to implement a Public Education and Outreach Program and Public Involvement Program. As part of this program, the city is a member of the Rock River Storm Water Group which includes communities in the Rock River Basin from Beloit at the south end to Beaver Dam at the north. This group cooperatively adopts plans annually and the DNR signs off on the plans as meeting the permit requirements. The erosion control signage program started in 2015 is part of the adopted plan and this sign program will continue in 2016. We ask for your cooperation in placing the required signs on your construction sites.

Finally, the State has adopted changes to the UDC code and the following highlights the major code changes.

**UDC 2016 major code changes:**

- 1) Basement R values have increased from 10/13 to 15/19 per prescriptive requirements. **See SPS 322.31(1)(a) (SPS Table 332.31-1).**
- 2) Changed the heat loss software code selection. **See SPS 322.31(2)(b).** The required acceptable REScheck code selection now is 2009 IECC. NOTE: The 2009 IECC code

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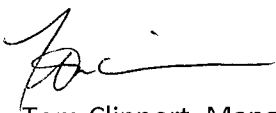
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selection will note state the building BTU loss values. These are required to be listed on the Building Permit. Suggestion: You could do the following: Do REScheck calculations using the 2009 IECC code selection to make sure it passes, print it for submittal: Then change the code to Wisconsin 2009 code to get the building BTU losses and submit that along with the 2009 IECC code selection.

- 3) Added specific requirements to sill plates overhanging the foundation. **See SPS 321.22(10)(c) Note.** "Sill plate extending beyond the load bearing surface. With wood floor joists that are parallel to the foundation wall, the sill plate may not extend beyond the load-bearing surface of the wall by more than one-half of the nominal thickness of the joist that bears on the sill plate."
- 4) Changed the vapor retarder requirement with certain spray foam applications when meeting the described requirement and added an acceptable wood floor vapor retarder. **See: SPS 322.38(2)(c)4** No vapor retarder is required over cavities that have at least 50% of the required R-value provided by spray-applied foam having a perm rating of 1.0 or less, unless required by the foam manufacturer. **SPS 322.38(2)(c)5** A vapor retarder for a floor over an open, unheated area may consist of 5/8-inch tongue-and-groove oriented-strand board, or 3/4-inch tongue-and-groove CDX plywood, which is exposure-rated plywood.
- 5) Added fire rating specifications for plastic pipe penetrations through required fire walls. Example: house/garage wall. **See SPS 321.08(3)(c) Plastic Piping.** Penetrations of a required separation by plastic pipe shall be protected by a penetration firestop system approved by the department and installed as tested in accordance with ASTM E 814 or UL 1479, with a minimum positive pressure differential of 0.01 inch of water (3 pa), and shall have an F rating of not less than the required fire-resistance rating of the assembly penetrated.
- 6) More code change information can be found on the Wisconsin State web site at the following link: <http://dsps.wi.gov/Programs/Industry-Services/Industry-Services-Programs/One-and-Two-Family-UDC>

Please feel free to contact Building and Development Services at 608-755-3060 if you have any questions or concerns. Thank you for your time and consideration.

Sincerely,



Tom Clippert, Manager  
Building and Development Services  
City of Janesville