

## Fox Metro Water Reclamation District Commercial (new building) Pre-Review Plan Checklist

*Include this checklist with submittal, showing completed items "checked off" or n/a. Be sure all applicable items have been completed. Fox Metro's engineering department cannot begin reviewing these plans until all applicable items have been completed.*

- \_\_\_ 1.) If proposal is an existing building, provide a plat of survey. An address is also required.
- \_\_\_ 2.) Provide the daily average flow in gallons per day. If over 1500 gpd (or any non-domestic wastewater), provide ILEPA applications.  
**NOTE: Schedule FTP (fast-track permit) applications are required where applicable. In addition, WPC-PS-1 shall accompany the FTP form when submitting to the ILEPA.**
- \_\_\_ 3.) Provide a detailed description of the use of this building. Include information on any non-domestic waste that may be discharged to the sanitary sewer system.
- \_\_\_ 4.) Provide the name of the company who will install the sanitary service. \$25,000 license & permit bond is required prior to obtaining a Fox Metro connection permit.
- \_\_\_ 5.) Provide full set of signed & sealed architecture plans, including plumbing plans. Provide equipment schedule if proposal is a new restaurant.
- \_\_\_ 6.) Make sure current notice, general notes, manhole/pipe specifications, and (applicable) details are on the plans. All required notes and details can be found at <http://www.foxmetro.dst.il.us/>
- \_\_\_ 7.) For proposed sanitary service, call out length, size, type of PVC and slope. (6" for services) Fox Metro only allows PVC sanitary sewers.
- \_\_\_ 8.) Reference the diameter and pipe type of the main to which the proposed service is connecting.
- \_\_\_ 9.) Show a cleanout (cast iron cover if in paved area) 5' from building on domestic lines, including grease lines if applicable. For services greater than 100', show cleanouts at 100' max. spacing.
- \_\_\_ 10.) For all food establishments, show approved grease trap (contact our Pre-treatment Dept. for sizing) and manhole where domestic & grease lines converge. **Call out 3.5' minimum cover over pipes, as well as 1% min. slopes. These callouts need to be shown regardless of what is known about depths or inverts of any existing sewers.**
- \_\_\_ 11.) For multi-tenant buildings, show a separate (**under-floor**) grease line (contact our Pre-treatment Dept.) to which all tenants may connect.
- \_\_\_ 12.) At the point of connection to the existing main, call out "An Inserta-Tee fitting shall be used as method of connection". Any non-PVC sanitary stub may not be re-used. Line or replace existing stub.
- \_\_\_ 13.) Flows entering a manhole/pipe at < 90 degrees from the downstream side are not allowed. An elbow(s) outside of the manhole will be required to correct this.
- \_\_\_ 14.) If any portion of a new private sanitary service must be installed through a parcel owned by another person or organization, an easement (dedicated to the owner of the new service) plat must be provided.