



**Building Department
3760 Darrow Road, Stow, Ohio
330.689.2729**

Chapter 4 ENGINEERING REQUIREMENTS

ENGINEERING REQUIREMENTS

For all commercial and industrial proposed buildings and exterior alterations the City of Stow requires the following as a minimum standard:

1. Six (6) site plans with the following information:
 - Site name, date, North arrow, scale 1" = 50' (maximum), all property boundaries and adjacent land owners with parcel id numbers. (The address will be given for the site following the first review).
 - Owner name, address and phone number.
 - State of Ohio Engineer or Architect stamp and signature designing the plan. The property boundary must be surveyed by a State of Ohio registered surveyor.
 - Existing and proposed contours at no more than 2-foot intervals.
 - Existing and proposed structures on the proposed site and the adjacent site building corners.
 - All existing and proposed utilities including: Storm sewers, sanitary sewers, water lines, gas lines, fire hydrants, valves, catch basins, manholes, culverts, swales, utility poles, storm detention basins. All utilities shall be labeled with the pipe sizes, type of pipe, slope and lengths as applicable.
 - Storm sewer calculations and drainage map.
 - Storm water management calculations and detention details. The City of Stow requirements for storm water management systems shall be designed to limit the discharge to the 2-year pre-development runoff rate for 2, 5, 10 and 25 year post-development runoff rates. The 50 and 100-year post-development storms shall discharge at their corresponding pre-developed runoff rates.
 - Sediment Control plans and details. Summit County Soil Conservation shall approve of the plans prior to any pre-construction or earth moving activities.
 - Details of the water meter room within the proposed structure-including the reduced pressure back flow preventer detail-setting and conduit for the outside reading device wires (1" PVC minimum).

2. The City of Stow Water Disclosure form must be filled-out completely at the time of final approval of the site.

Must have Adobe Acrobat Reader for the following files:

[WATER DISCLOSURE FORM](#)

ENGINEERING STANDARD SPECIFICATIONS for new Water System