

Department of Community Development

Sanitary Sewer Main Information			
Address:		Project Name:	
This information is intended to provide assistance to the developer, project engineer and contractor in the design and installation of public sanitary sewer systems in the City of Portage. The following information consists of requirements and recommendations for construction practices used for sanitary sewer installation. The applicant will also need to review the City of Portage Contract Conditions and Specifications. Construction of a public sanitary sewer system requires approval from the City of Kalamazoo and a permit from the Michigan Department of Natural Resources and Environment (MDNR-E) before construction may begin. The City of Portage will submit the approved drawings to the City of Kalamazoo for approval and MDNR-E for the necessary State permit.			
Filing Information			
Yes No N/A	A map of the potential service area on an 11" The basis of design to provide evidence that to safely handle the proposed flows. A completed MDNR-E permit application.	gistered professional engineer and approved by the City of Portage. x 17" inch paper. the proposed system has the proposed system has the capacity necessary contracted with an engineering firm to provide all inspection according	
Positioning and Design			
Yes No N/A	feet of horizontal separation shall be maintain. The maximum distance between manholes in manholes, sanitary sewer leads, etc. must be sometimes. The size and grade of the proposed sanitary seal sanitary sewer mains should be deep enout. With shallow sanitary sewer lines, the lead an will make it possible to determine whether ba	ewer shall be shown on the plans. Igh to provide basement service. Id basement elevation must be shown on the plan. This seement service can be provided. In section on the plan is seement service in the plan is seement service in the plan is seement service. It is seement service in the plan is seement service.	
Materials			
Refer to the City of Portage Contract Conditions and Specifications.			
Construction			
Yes No N/A	three courses of leveling bricks between the c	ed with a minimum of one course of leveling brick and a maximum of asing and the top of the manhole section. y line risers to within 4 feet of the surface grade and be marked with an arr)	

Testing and Completion

Yes No N/A	
□ □ □ 1.	All sanitary sewer lines will be pressure tested and deflection tested.
\square \square \square 2.	All sanitary sewer lines will be TV inspected and a video recording made of the inspection.
\square \square \square 3.	Upon completion, the City of Portage will conduct an activation inspection. It is the responsibility of the developer
	or contractor to schedule the inspection with the Community Development Department.
\square \square 4.	Upon completion, the related sanitary sewer main information listed in the Acceptance of Public Infrastructure
	checklist must be submitted.